



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/30/2026 Due Date 01/30/2027 W.O. # 184124  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x0004EC41 P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
Data provided.

MATERIAL

# Certificate of Calibration

*This instrument listed above complied with the manufacturers published specifications with exceptions as noted. YCG Inc. measurements are traceable to the National Institute of Standards & Technology / WWV Standard Broadcast / Natural Physical Constants through certification documents on file in our Metrology Laboratory. Calibration performed in accordance and in compliance with established standards of the YCG Inc. Quality System*

Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 4EC41

Model: Type 44  
Calibration Date: 1/30/2026  
W.O Number: 184124

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24058.00	24234.00	176.00
Low Freq. Bandwidth:	24058.00	24143.00	85.00
High Freq. Bandwidth:	24160.00	24232.00	72.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	25	25	PASS
2	24	25	PASS
3	22	23	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/30/2026 Due Date 01/30/2027 W.O. # 184125  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x0004ECEC P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
 YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
 YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
 Data provided.

MATERIAL

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 4ECEC

Model: Type 44  
Calibration Date: 1/30/2026  
W.O Number: 184125

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24058.00	24232.00	174.00
Low Freq. Bandwidth:	24058.00	24143.00	85.00
High Freq. Bandwidth:	24155.00	24234.00	79.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	24	24	PASS
2	12	12	PASS
3	33	34	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/30/2026 Due Date 01/30/2027 W.O. # 184126  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x0004EABD P.O. # No PO

When Received

In Tolerance

Type of Service: Standard Calibration

When Returned

In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
 YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
 YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

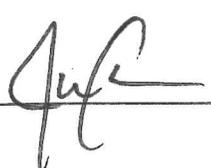
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 Data provided.

MATERIAL

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 4EABD

Model: Type 44  
Calibration Date: 1/30/2026  
W.O Number: 184126

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24058.00	24234.00	176.00
Low Freq. Bandwidth:	24058.00	24143.00	85.00
High Freq. Bandwidth:	24155.00	24232.00	77.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	21	22	PASS
2	9	9	PASS
3	28	29	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/29/2026 Due Date 01/29/2027 W.O. # 184127  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x0004B162 P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

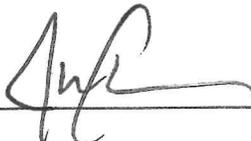
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Data provided.

MATERIAL

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 4B162

Model: Type 44  
Calibration Date: 1/29/2026  
W.O Number: 184127

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24062.00	24243.00	181.00
Low Freq. Bandwidth:	24062.00	24149.00	87.00
High Freq. Bandwidth:	24155.00	24232.00	77.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	15	14	PASS
2	9	10	PASS
3	16	16	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/29/2026 Due Date 01/29/2027 W.O. # 184128  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x0004899F P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
Data provided.

MATERIAL

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 4899F

Model: Type 44  
Calibration Date: 1/29/2026  
W.O Number: 184128

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24062.00	24232.00	170.00
Low Freq. Bandwidth:	24062.00	24151.00	89.00
High Freq. Bandwidth:	24155.00	24242.00	87.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	17	17	PASS
2	21	21	PASS
3	17	17	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/30/2026 Due Date 01/30/2027 W.O. # 184129  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x000461A8 P.O. # No PO

When Received

Type of Service: Standard Calibration

When Returned

In Tolerance

In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
 YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
 YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
 Data provided.

MATERIAL

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 461A8

Model: Type 44  
Calibration Date: 1/30/2026  
W.O Number: 184129

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24058.00	24232.00	174.00
Low Freq. Bandwidth:	24062.00	24145.00	83.00
High Freq. Bandwidth:	24155.00	24232.00	77.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	18	18	PASS
2	17	17	PASS
3	19	20	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/28/2026 Due Date 01/28/2027 W.O. # 184130  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x0004B030 P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

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Data provided.

MATERIAL

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 4B030

Model: Type 44  
Calibration Date: 1/28/2026  
W.O Number: 184130

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24072.00	24232.00	160.00
Low Freq. Bandwidth:	24079.00	24136.00	57.00
High Freq. Bandwidth:	24154.00	24243.00	89.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	18	18	PASS
2	21	21	PASS
3	15	15	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/28/2026 Due Date 01/28/2027 W.O. # 184131  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x0004B99C P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
 YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
 YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

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 Data provided.

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 4B99C

Model: Type 44  
Calibration Date: 1/28/2026  
W.O Number: 184131

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24074.00	24234.00	160.00
Low Freq. Bandwidth:	24056.00	24142.00	86.00
High Freq. Bandwidth:	24156.00	24237.00	81.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	22	22	PASS
2	15	15	PASS
3	25	24	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/28/2026 Due Date 01/28/2027 W.O. # 184132  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x0004899A P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
 YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
 YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
 Data provided.

MATERIAL

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 4899A

Model: Type 44  
Calibration Date: 1/28/2026  
W.O Number: 184132

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24075.00	24232.00	157.00
Low Freq. Bandwidth:	24067.00	24154.00	87.00
High Freq. Bandwidth:	24154.00	24243.00	89.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	20	21	PASS
2	18	17	PASS
3	38	38	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/30/2026 Due Date 01/30/2027 W.O. # 184133  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x0004B033 P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
Data provided.

MATERIAL

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 4B033

Model: Type 44  
Calibration Date: 1/30/2026  
W.O Number: 184133

Bandwidth: ≤ 194.8 Mhz OA | ≤ 89.5 Mhz Low Freq. | ≤ 89.5 Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24058.00	24237.00	179.00
Low Freq. Bandwidth:	24058.00	24135.00	77.00
High Freq. Bandwidth:	24156.00	24232.00	76.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	26	27	PASS
2	22	23	PASS
3	26	27	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/30/2026 Due Date 01/30/2027 W.O. # 184134  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x0004EABA P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
 YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
 YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
 Data provided.

MATERIAL

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 4EABA

Model: Type 44  
Calibration Date: 1/30/2026  
W.O Number: 184134

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24058.00	24234.00	176.00
Low Freq. Bandwidth:	24066.00	24141.00	75.00
High Freq. Bandwidth:	24155.00	24232.00	77.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	28	28	PASS
2	31	31	PASS
3	30	29	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/28/2026 Due Date 01/28/2027 W.O. # 184135  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x0004EDC9 P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
 YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
 YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
 Data provided.

MATERIAL

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 4EDC9

Model: Type 44  
Calibration Date: 1/28/2026  
W.O Number: 184135

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24058.00	24234.00	176.00
Low Freq. Bandwidth:	24053.00	24135.00	82.00
High Freq. Bandwidth:	24155.00	24232.00	77.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	17	16	PASS
2	20	21	PASS
3	27	27	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/29/2026 Due Date 01/29/2027 W.O. # 184136  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x0004899B P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

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Data provided.

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 4899B

Model: Type 44  
Calibration Date: 1/29/2026  
W.O Number: 184136

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24059.00	24232.00	173.00
Low Freq. Bandwidth:	24062.00	24143.00	81.00
High Freq. Bandwidth:	24160.00	24232.00	72.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	26	27	PASS
2	23	24	PASS
3	27	27	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/29/2026 Due Date 01/29/2027 W.O. # 184137  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x00048996 P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
YCG-1071, 1/6/2027, SAF Tehnika JOSSAP74  
YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

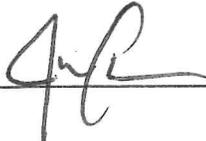
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Data provided.

MATERIAL

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 48996

Model: Type 44  
Calibration Date: 1/29/2026  
W.O Number: 184137

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24060.00	24232.00	172.00
Low Freq. Bandwidth:	24068.00	24143.00	75.00
High Freq. Bandwidth:	24160.00	24232.00	72.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	27	28	PASS
2	21	22	PASS
3	24	25	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/29/2026 Due Date 01/29/2027 W.O. # 184138  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x000446B0 P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
 YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
 YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

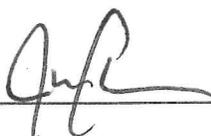
Calibrated.  
 Data provided.

MATERIAL

# Certificate of Calibration

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 446B0

Model: Type 44  
Calibration Date: 1/29/2026  
W.O Number: 184138

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24058.00	24232.00	174.00
Low Freq. Bandwidth:	24058.00	24145.00	87.00
High Freq. Bandwidth:	24155.00	24232.00	77.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	26	26	PASS
2	25	26	PASS
3	27	28	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/29/2026 Due Date 01/29/2027 W.O. # 184139  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x000489A0 P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
 YCG-1071, 1/6/2027, SAF Tehnika JOSSAP74  
 YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
 Data provided.

MATERIAL

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 489A0

Model: Type 44  
Calibration Date: 1/29/2026  
W.O Number: 184139

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24062.00	24232.00	170.00
Low Freq. Bandwidth:	24058.00	24145.00	87.00
High Freq. Bandwidth:	24155.00	24232.00	77.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	31	32	PASS
2	26	27	PASS
3	20	21	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/29/2026 Due Date 01/29/2027 W.O. # 184140  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x0004EAC4 P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
 YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
 YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

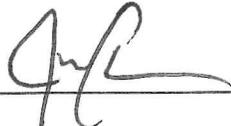
Calibrated.  
 Data provided.

MATERIAL

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 4EAC4

Model: Type 44  
Calibration Date: 1/29/2026  
W.O Number: 184140

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24058.00	24234.00	176.00
Low Freq. Bandwidth:	24062.00	24143.00	81.00
High Freq. Bandwidth:	24155.00	24232.00	77.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	27	27	PASS
2	29	29	PASS
3	25	26	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



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Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/29/2026 Due Date 01/29/2027 W.O. # 184141  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x000489A2 P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
 YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
 YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
Data provided.

MATERIAL

# Certificate of Calibration

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 489A2

Model: Type 44  
Calibration Date: 1/29/2026  
W.O Number: 184141

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24058.00	24234.00	176.00
Low Freq. Bandwidth:	24058.00	24145.00	87.00
High Freq. Bandwidth:	24155.00	24232.00	77.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	26	27	PASS
2	22	23	PASS
3	26	25	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



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Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/29/2026 Due Date 01/29/2027 W.O. # 184142  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x000489A1 P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
 YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
 YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
 Data provided.

MATERIAL

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 489A1

Model: Type 44  
Calibration Date: 1/29/2026  
W.O Number: 184142

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24058.00	24232.00	174.00
Low Freq. Bandwidth:	24058.00	24143.00	85.00
High Freq. Bandwidth:	24157.00	24243.00	86.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	24	23	PASS
2	16	16	PASS
3	29	30	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/29/2026 Due Date 01/29/2027 W.O. # 184143  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x0004899C P.O. # \_\_\_\_\_ No. PO \_\_\_\_\_

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
Data provided.

MATERIAL

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 4899C

Model: Type 44  
Calibration Date: 1/29/2026  
W.O Number: 184143

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24060.00	24242.00	182.00
Low Freq. Bandwidth:	24058.00	24143.00	85.00
High Freq. Bandwidth:	24155.00	24232.00	77.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	29	29	PASS
2	26	25	PASS
3	23	22	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



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Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/28/2026 Due Date 01/28/2027 W.O. # 184144  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x0004899E P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
Data provided.

MATERIAL

# Certificate of Calibration

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 4899E

Model: Type 44  
Calibration Date: 1/28/2026  
W.O Number: 184144

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24075.00	24234.00	159.00
Low Freq. Bandwidth:	24075.00	24134.00	59.00
High Freq. Bandwidth:	24156.00	24234.00	78.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	21	21	PASS
2	28	28	PASS
3	21	21	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/28/2026 Due Date 01/28/2027 W.O. # 184145  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x000489A3 P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
YCG-1071, 1/6/2027, SAF Tehnika JOSSAP74  
YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
Data provided.

MATERIAL

# Certificate of Calibration

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 489A3

Model: Type 44  
Calibration Date: 1/28/2026  
W.O Number: 184145

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24074.00	24232.00	158.00
Low Freq. Bandwidth:	24068.00	24143.00	75.00
High Freq. Bandwidth:	24156.00	24231.00	75.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	32	32	PASS
2	27	27	PASS
3	21	22	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/28/2026 Due Date 01/28/2027 W.O. # 184146  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x000489A4 P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
 YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
 YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
 Data provided.

MATERIAL

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 489A4

Model: Type 44  
Calibration Date: 1/28/2026  
W.O Number: 184146

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24063.00	24231.00	168.00
Low Freq. Bandwidth:	24054.00	24143.00	89.00
High Freq. Bandwidth:	24155.00	24237.00	82.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	20	19	PASS
2	37	36	PASS
3	29	29	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/28/2026 Due Date 01/28/2027 W.O. # 184147  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x00048999 P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
 YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
 YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
 Data provided.

MATERIAL

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 48999

Model: Type 44  
Calibration Date: 1/28/2026  
W.O Number: 184147

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24056.00	24242.00	186.00
Low Freq. Bandwidth:	24055.00	24134.00	79.00
High Freq. Bandwidth:	24160.00	24232.00	72.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	23	23	PASS
2	26	26	PASS
3	33	33	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/29/2026 Due Date 01/29/2027 W.O. # 184148  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x00048998 P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
 YCG-1071, 1/6/2027, SAF Tehnika JOSSAP74  
 YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
 Data provided.

MATERIAL

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 48998

Model: Type 44  
Calibration Date: 1/29/2026  
W.O Number: 184148

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24058.00	24232.00	174.00
Low Freq. Bandwidth:	24062.00	24143.00	81.00
High Freq. Bandwidth:	24158.00	24232.00	74.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	30	29	PASS
2	25	24	PASS
3	23	22	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/29/2026 Due Date 01/29/2027 W.O. # 184149  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x0004899D P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
Data provided.

MATERIAL

# Certificate of Calibration

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 4899D

Model: Type 44  
Calibration Date: 1/29/2026  
W.O Number: 184149

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24058.00	24232.00	174.00
Low Freq. Bandwidth:	24058.00	24143.00	85.00
High Freq. Bandwidth:	24156.00	24232.00	76.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	29	29	PASS
2	25	24	PASS
3	26	26	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/29/2026 Due Date 01/29/2027 W.O. # 184150  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x00048A1F P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
Data provided.

MATERIAL

# Certificate of Calibration

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 48A1F

Model: Type 44  
Calibration Date: 1/29/2026  
W.O Number: 184150

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24058.00	24237.00	179.00
Low Freq. Bandwidth:	24062.00	24143.00	81.00
High Freq. Bandwidth:	24155.00	24242.00	87.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	33	34	PASS
2	25	26	PASS
3	24	25	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/29/2026 Due Date 01/29/2027 W.O. # 184151  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x00048A1D P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
 YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
 YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

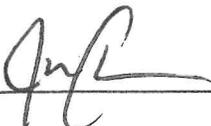
Calibrated.  
Data provided.

MATERIAL

# Certificate of Calibration

*This instrument listed above complied with the manufacturers published specifications with exceptions as noted. YCG Inc. measurements are traceable to the National Institute of Standards & Technology / WWV Standard Broadcast / Natural Physical Constants through certification documents on file in our Metrology Laboratory. Calibration performed in accordance and in compliance with established standards of the YCG Inc. Quality System*

Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 48A1D

Model: Type 44  
Calibration Date: 1/29/2026  
W.O Number: 184151

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24059.00	24237.00	178.00
Low Freq. Bandwidth:	24059.00	24143.00	84.00
High Freq. Bandwidth:	24156.00	24232.00	76.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	31	32	PASS
2	30	31	PASS
3	33	34	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/30/2026 Due Date 01/30/2027 W.O. # 184152  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x0004EC4A P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
Data provided.

MATERIAL

# Certificate of Calibration

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 4EC4A

Model: Type 44  
Calibration Date: 1/30/2026  
W.O Number: 184152

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24058.00	24232.00	174.00
Low Freq. Bandwidth:	24058.00	24143.00	85.00
High Freq. Bandwidth:	24156.00	24232.00	76.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	29	29	PASS
2	25	24	PASS
3	26	26	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/30/2026 Due Date 01/30/2027 W.O. # 184153  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x0004EABB P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
 YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
 YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
 Data provided.

MATERIAL

# Certificate of Calibration

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 4EABB

Model: Type 44  
Calibration Date: 1/30/2026  
W.O Number: 184153

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24060.00	24232.00	172.00
Low Freq. Bandwidth:	24060.00	24143.00	83.00
High Freq. Bandwidth:	24155.00	24243.00	88.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	29	30	PASS
2	29	28	PASS
3	28	29	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



2603 Reach Road, Rear • Williamsport, PA 17701

570-494-1150 • Fax 570-494-1021

www.the-ycg.com

Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/28/2026 Due Date 01/28/2027 W.O. # 184154  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x00048E6B P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
Data provided.

MATERIAL

# Certificate of Calibration

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 48E6B

Model: Type 44  
Calibration Date: 1/28/2026  
W.O Number: 184154

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24066.00	24236.00	170.00
Low Freq. Bandwidth:	24066.00	24134.00	68.00
High Freq. Bandwidth:	24168.00	24237.00	69.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	24	23	PASS
2	17	17	PASS
3	20	19	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/28/2026 Due Date 01/28/2027 W.O. # 184155  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x000461A7 P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
 YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
 YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
 Data provided.

MATERIAL

# Certificate of Calibration

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 461A7

Model: Type 44  
Calibration Date: 1/28/2026  
W.O Number: 184155

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24076.00	24231.00	155.00
Low Freq. Bandwidth:	24056.00	24134.00	78.00
High Freq. Bandwidth:	24158.00	24237.00	79.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	16	16	PASS
2	26	26	PASS
3	26	26	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/28/2026 Due Date 01/28/2027 W.O. # 184156  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x000489ED P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
 YCG-1071, 1/6/2027, SAF Tehnika JOSSAP74  
 YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
 Data provided.

MATERIAL

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 489ED

Model: Type 44  
Calibration Date: 1/28/2026  
W.O Number: 184156

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24074.00	24238.00	164.00
Low Freq. Bandwidth:	24068.00	24142.00	74.00
High Freq. Bandwidth:	24168.00	24237.00	69.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	18	18	PASS
2	28	28	PASS
3	25	24	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/28/2026 Due Date 01/28/2027 W.O. # 184157  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x0004884C P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
 YCG-1071, 1/6/2027, SAF Tehnika JOSSAP74  
 YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
 Data provided.

MATERIAL

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 4884C

Model: Type 44  
Calibration Date: 1/28/2026  
W.O Number: 184157

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24079.00	24233.00	154.00
Low Freq. Bandwidth:	24074.00	24142.00	68.00
High Freq. Bandwidth:	24158.00	24245.00	87.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	23	23	PASS
2	24	24	PASS
3	22	23	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/28/2026 Due Date 01/28/2027 W.O. # 184158  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x00048850 P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
Data provided.

MATERIAL

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro

Sensor SN: 0x000 48850

Model: Type 44

Calibration Date: 1/28/2026

W.O Number: 184158

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24093.00	24223.00	130.00
Low Freq. Bandwidth:	24093.00	24154.00	61.00
High Freq. Bandwidth:	24177.00	24233.00	56.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	20	20	PASS
2	25	25	PASS
3	22	23	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/29/2026 Due Date 01/29/2027 W.O. # 184159  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x00048853 P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
 YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
 YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

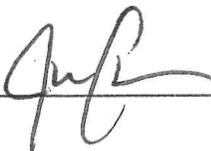
Calibrated.  
Data provided.

MATERIAL

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 48853

Model: Type 44  
Calibration Date: 1/29/2026  
W.O Number: 184159

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24058.00	24232.00	174.00
Low Freq. Bandwidth:	24065.00	24143.00	78.00
High Freq. Bandwidth:	24158.00	24242.00	84.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	31	31	PASS
2	19	20	PASS
3	20	20	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/29/2026 Due Date 01/29/2027 W.O. # 184160  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x000488E4 P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

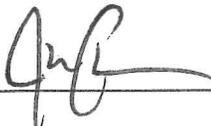
Calibrated.  
Data provided.

MATERIAL

# Certificate of Calibration

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 488E4

Model: Type 44  
Calibration Date: 1/29/2026  
W.O Number: 184160

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24059.00	24232.00	173.00
Low Freq. Bandwidth:	24059.00	24143.00	84.00
High Freq. Bandwidth:	24155.00	24232.00	77.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	19	19	PASS
2	25	26	PASS
3	13	13	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/29/2026 Due Date 01/29/2027 W.O. # 184161  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x00048947 P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
 YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
 YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
Data provided.

MATERIAL

# Certificate of Calibration

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 48947

Model: Type 44  
Calibration Date: 1/29/2026  
W.O Number: 184161

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24060.00	24232.00	172.00
Low Freq. Bandwidth:	24061.00	24143.00	82.00
High Freq. Bandwidth:	24155.00	24232.00	77.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	27	27	PASS
2	26	27	PASS
3	23	23	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/29/2026 Due Date 01/29/2027 W.O. # 184162  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x00048E6F P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
 YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
 YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
Data provided.

MATERIAL

# Certificate of Calibration

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 48E6F

Model: Type 44  
Calibration Date: 1/29/2026  
W.O Number: 184162

Bandwidth: ≤ 194.8 Mhz OA | ≤ 89.5 Mhz Low Freq. | ≤ 89.5 Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24062.00	24234.00	172.00
Low Freq. Bandwidth:	24062.00	24142.00	80.00
High Freq. Bandwidth:	24155.00	24234.00	79.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	29	29	PASS
2	28	28	PASS
3	31	31	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/28/2026 Due Date 01/28/2027 W.O. # 184163  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x00048E6A P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
 YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
 YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
Data provided.

MATERIAL

# Certificate of Calibration

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 48E6A

Model: Type 44  
Calibration Date: 1/28/2026  
W.O Number: 184163

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24068.00	24237.00	169.00
Low Freq. Bandwidth:	24068.00	24143.00	75.00
High Freq. Bandwidth:	24154.00	24232.00	78.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	22	22	PASS
2	24	25	PASS
3	25	26	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/28/2026 Due Date 01/28/2027 W.O. # 184164  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x0004889D P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
 YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
 YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
Data provided.

MATERIAL

# Certificate of Calibration

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 4889D

Model: Type 44  
Calibration Date: 1/28/2026  
W.O Number: 184164

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24068.00	24234.00	166.00
Low Freq. Bandwidth:	24062.00	24143.00	81.00
High Freq. Bandwidth:	24155.00	24243.00	88.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	19	19	PASS
2	28	28	PASS
3	20	20	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/28/2026 Due Date 01/28/2027 W.O. # 184165  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x00048E65 P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
 YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
 YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
Data provided.

MATERIAL

# Certificate of Calibration

*This instrument listed above complied with the manufacturers published specifications with exceptions as noted. YCG Inc. measurements are traceable to the National Institute of Standards & Technology / WWV Standard Broadcast / Natural Physical Constants through certification documents on file in our Metrology Laboratory. Calibration performed in accordance and in compliance with established standards of the YCG Inc. Quality System*

Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 48E65

Model: Type 44  
Calibration Date: 1/28/2026  
W.O Number: 184165

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24078.00	24237.00	159.00
Low Freq. Bandwidth:	24068.00	24141.00	73.00
High Freq. Bandwidth:	24156.00	24243.00	87.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	14	14	PASS
2	19	20	PASS
3	22	21	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/28/2026 Due Date 01/28/2027 W.O. # 184166  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x00048875 P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
 YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
 YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
 Data provided.

MATERIAL

# Certificate of Calibration

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 48875

Model: Type 44  
Calibration Date: 1/28/2026  
W.O Number: 184166

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24068.00	24237.00	169.00
Low Freq. Bandwidth:	24056.00	24141.00	85.00
High Freq. Bandwidth:	24158.00	24232.00	74.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	19	19	PASS
2	36	36	PASS
3	34	33	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/28/2026 Due Date 01/28/2027 W.O. # 184167  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x00048967 P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
 YCG-1071, 1/6/2027, SAF Tehnika JOSSAP74  
 YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
Data provided.

MATERIAL

# Certificate of Calibration

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 48967

Model: Type 44  
Calibration Date: 1/28/2026  
W.O Number: 184167

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24060.00	24232.00	172.00
Low Freq. Bandwidth:	24066.00	24143.00	77.00
High Freq. Bandwidth:	24156.00	24232.00	76.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	24	24	PASS
2	27	26	PASS
3	19	18	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/29/2026 Due Date 01/29/2027 W.O. # 184168  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x000487B4 P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
 YCG-1071, 1/6/2027, SAF Tehnika JOSSAP74  
 YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
 Data provided.

MATERIAL

# Certificate of Calibration

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 487B4

Model: Type 44  
Calibration Date: 1/29/2026  
W.O Number: 184168

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24068.00	24232.00	164.00
Low Freq. Bandwidth:	24066.00	24145.00	79.00
High Freq. Bandwidth:	24156.00	24237.00	81.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	23	24	PASS
2	20	21	PASS
3	22	22	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/28/2026 Due Date 01/28/2027 W.O. # 184169  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x000486D1 P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
 YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
 YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
Data provided.

MATERIAL

# Certificate of Calibration

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 486D1

Model: Type 44  
Calibration Date: 1/28/2026  
W.O Number: 184169

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24068.00	24232.00	164.00
Low Freq. Bandwidth:	24068.00	24143.00	75.00
High Freq. Bandwidth:	24156.00	24232.00	76.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	25	26	PASS
2	19	18	PASS
3	21	21	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



2603 Reach Road, Rear • Williamsport, PA 17701

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Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/28/2026 Due Date 01/28/2027 W.O. # 184170  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x00048768 P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
 YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
 YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
Data provided.

MATERIAL

# Certificate of Calibration

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 48768

Model: Type 44  
Calibration Date: 1/28/2026  
W.O Number: 184170

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24060.00	24243.00	183.00
Low Freq. Bandwidth:	24060.00	24144.00	84.00
High Freq. Bandwidth:	24156.00	24232.00	76.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	22	23	PASS
2	24	25	PASS
3	21	22	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/28/2026 Due Date 01/28/2027 W.O. # 184171  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x00048F68 P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
 YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
 YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
Data provided.

MATERIAL

# Certificate of Calibration

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 48F68

Model: Type 44  
Calibration Date: 1/28/2026  
W.O Number: 184171

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24060.00	24237.00	177.00
Low Freq. Bandwidth:	24067.00	24141.00	74.00
High Freq. Bandwidth:	24156.00	24234.00	78.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	36	36	PASS
2	27	28	PASS
3	25	24	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/29/2026 Due Date 01/29/2027 W.O. # 184172  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x00048F6C P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
 YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
 YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
Data provided.

MATERIAL

# Certificate of Calibration

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 48F6C

Model: Type 44  
Calibration Date: 1/29/2026  
W.O Number: 184172

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24062.00	24232.00	170.00
Low Freq. Bandwidth:	24062.00	24143.00	81.00
High Freq. Bandwidth:	24155.00	24232.00	77.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	28	29	PASS
2	19	19	PASS
3	14	13	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/28/2026 Due Date 01/28/2027 W.O. # 184173  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x00048878 P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
 YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
 YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
 Data provided.

MATERIAL

# Certificate of Calibration

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 48878

Model: Type 44  
Calibration Date: 1/28/2026  
W.O Number: 184173

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24062.00	24232.00	170.00
Low Freq. Bandwidth:	24059.00	24141.00	82.00
High Freq. Bandwidth:	24156.00	24232.00	76.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	30	30	PASS
2	31	32	PASS
3	27	27	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/28/2026 Due Date 01/28/2027 W.O. # 184175  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x0004B037 P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
Data provided.

MATERIAL

# Certificate of Calibration

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 4B037

Model: Type 44  
Calibration Date: 1/28/2026  
W.O Number: 184175

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24059.00	24232.00	173.00
Low Freq. Bandwidth:	24062.00	24141.00	79.00
High Freq. Bandwidth:	24156.00	24232.00	76.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	25	25	PASS
2	33	34	PASS
3	33	33	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/29/2026 Due Date 01/29/2027 W.O. # 184176  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x00048F67 P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
Data provided.

MATERIAL

# Certificate of Calibration

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 48F67

Model: Type 44  
Calibration Date: 1/29/2026  
W.O Number: 184176

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24058.00	24237.00	179.00
Low Freq. Bandwidth:	24062.00	24138.00	76.00
High Freq. Bandwidth:	24155.00	24232.00	77.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	23	23	PASS
2	35	36	PASS
3	22	22	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/29/2026 Due Date 01/29/2027 W.O. # 184177  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x00048F6F P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

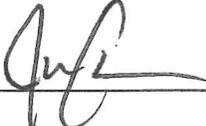
Calibrated.  
Data provided.

MATERIAL

# Certificate of Calibration

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 48F6F

Model: Type 44  
Calibration Date: 1/29/2026  
W.O Number: 184177

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24058.00	24232.00	174.00
Low Freq. Bandwidth:	24062.00	24146.00	84.00
High Freq. Bandwidth:	24155.00	24234.00	79.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	16	15	PASS
2	21	21	PASS
3	20	19	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/29/2026 Due Date 01/29/2027 W.O. # 184178  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x0004B991 P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
 YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
 YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
Data provided.

MATERIAL

# Certificate of Calibration

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Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 4B991

Model: Type 44  
Calibration Date: 1/29/2026  
W.O Number: 184178

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24058.00	24237.00	179.00
Low Freq. Bandwidth:	24058.00	24143.00	85.00
High Freq. Bandwidth:	24155.00	24237.00	82.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	33	32	PASS
2	23	23	PASS
3	27	28	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*



Equipment Submitted by Verra Mobility (Redflex) of 19621 N 23rd Dr, Ste 100, Phoenix, AZ 85027 Tag # OS  
 Mfr Smartmicro Cal Date 01/29/2026 Due Date 01/29/2027 W.O. # 184179  
 Instrument Radar Model UMRR-11 Type 44  
 Serial No. 0x00048F69 P.O. # No PO

When Received  
In Tolerance

Type of Service: Standard Calibration

When Returned  
In Tolerance

Notes:

TEST EQUIPMENT/PROCEDURE USED

S-C106  
 YCG-1071, 1/6/2027, SAF Tehnika J0SSAP74  
 YCG-1083, 4/28/2026, Applied Concepts, Inc. Stalker RLR

COMMENTS

Calibrated.  
 Data provided.

MATERIAL

# Certificate of Calibration

*This instrument listed above complied with the manufacturers published specifications with exceptions as noted. YCG Inc. measurements are traceable to the National Institute of Standards & Technology / WWV Standard Broadcast / Natural Physical Constants through certification documents on file in our Metrology Laboratory. Calibration performed in accordance and in compliance with established standards of the YCG Inc. Quality System*

Certified By: Seth Strayer

Approved by 



YCG, Inc. 570-494-1150 Data Sheet

Manufacturer: Smartmicro  
Sensor SN: 0x000 48F69

Model: Type 44  
Calibration Date: 1/29/2026  
W.O Number: 184179

Bandwidth:  $\leq 194.8$  Mhz OA |  $\leq 89.5$  Mhz Low Freq. |  $\leq 89.5$  Mhz High Freq | Speed +/- 1 MPH

Frequency Test Results

	Marker 1	Marker 2	Difference
Overall Bandwidth:	24059.00	24234.00	175.00
Low Freq. Bandwidth:	24062.00	24141.00	79.00
High Freq. Bandwidth:	24155.00	24232.00	77.00

Speed Reading Comparison

Target Vehicle	YCG Asset	UUT	Results
1	27	27	PASS
2	28	28	PASS
3	29	29	PASS

\*\*\*\*\*END OF MEASUREMENT REPORT\*\*\*\*\*