



Registered with the Controlled Goods Directorate No. 11360



Certificate of Calibration

Certificate No. 15050-598001404

Calibration Equipment Used:

Model Number:	Model Description:	Cal. Due Date:	Certificate Number
Agilent 34401A	Multimeter	November 11, 2015	14315-MY47045249
Tabor WW2571	Waveform Generator	January 23, 2016	15023-206286
HP 8903B	Audio Analyzer	April 10, 2015	14100-02944
HP 8902A	Measuring Receiver	December 11, 2015	B06381
HP 11722A	Power Sensor	August 27, 2015	H11215
Fluke 5520A	Calibrator	February 24, 2015	ST3400909

Reference Document: 2975 Maintenance Manual 1002-4250-4PO, Issue-3, July 2006

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Calibration Results

FRM-748 Rev. 0 July 21/09

Customer	Codan Radio	Work Order#	1000129
Manufacturer	Aeroflex	Certificate#	15050-598001404
Model#	2975	Description	Radio Test Set
Serial#	598001404	Date	February 19, 2015

Software Upgrade:	No	Battery Replaced:	No	3.04V
Software :	Previous	Software :	New	
Firmware Version:	1.9.2.4	Firmware Version:	N/A	
Rev Date:	July 13, 2009	Rev Date:	N/A	

1.00 GENERATOR OUTPUT FREQUENCY (2-4-2)

	APPLIED OUTPUT FREQUENCY (GHz)	COUNTER READING (BEFORE) (GHz)	PASS/FAIL	COUNTER READING (AFTER) (GHz)	PASS/FAIL	TOLERANCE (Hz)
1.01	1.000000000	1.000000001	Pass	0.999999998	Pass	1G ± 10

2.00 GENERATOR OUPUT POWER (2-4-3)

	OUTPUT (dBm)	BEFORE (dBm)	PASS/FAIL	AFTER (dBm)	PASS/FAIL	TOLERANCE (dB)
2.01	10	10.00	Pass	10.01	Pass	± 1.5
2.02	0	0.02	Pass	0.01	Pass	± 1.5
2.03	-10	-9.98	Pass	-9.99	Pass	± 1.5
2.04	-20	-20.00	Pass	-20.01	Pass	± 1.5
2.05	-30	-30.09	Pass	-30.10	Pass	± 1.5
2.06	-40	-40.05	Pass	-40.07	Pass	± 1.5
2.07	-50	-49.92	Pass	-49.93	Pass	± 1.5
2.08	-60	-58.65	Pass	-58.67	Pass	± 1.5

3.00 GENERATOR LEVEL FLATNESS (2-4-4)

	FREQUENCY (MHz)	BEFORE (dBm)	PASS/FAIL	AFTER (dBm)	PASS/FAIL	TOLERANCE (dB)
3.01	170	0.00	Pass	0.02	Pass	± 1.5
3.02	220	0.00	Pass	0.02	Pass	± 1.5
3.03	270	-0.02	Pass	0.00	Pass	± 1.5
3.04	320	0.01	Pass	0.02	Pass	± 1.5
3.05	370	0.01	Pass	0.01	Pass	± 1.5
3.06	420	0.01	Pass	0.01	Pass	± 1.5
3.07	470	0.03	Pass	0.01	Pass	± 1.5
3.08	520	0.01	Pass	0.01	Pass	± 1.5
3.09	570	0.01	Pass	0.00	Pass	± 1.5
3.10	620	0.04	Pass	0.02	Pass	± 1.5
3.11	670	0.03	Pass	0.00	Pass	± 1.5
3.12	720	0.03	Pass	0.01	Pass	± 1.5
3.13	770	0.04	Pass	0.02	Pass	± 1.5
3.14	820	0.03	Pass	0.01	Pass	± 1.5
3.15	870	0.05	Pass	0.02	Pass	± 1.5
3.16	920	0.05	Pass	0.02	Pass	± 1.5
3.17	970	0.03	Pass	0.00	Pass	± 1.5
3.18	1020	0.04	Pass	0.02	Pass	± 1.5
3.19	1070	0.03	Pass	0.02	Pass	± 1.5
3.20	1120	0.01	Pass	0.00	Pass	± 1.5



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3.00 GENERATOR LEVEL FLATNESS (2-4-4)

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	FREQUENCY (MHz)	BEFORE (dBm)	PASS/FAIL	AFTER (dBm)	PASS/FAIL	TOLERANCE (dB)
3.21	1170	0.02	Pass	0.02	Pass	± 1.5
3.22	1220	0.00	Pass	0.03	Pass	± 1.5
3.23	1270	-0.02	Pass	0.01	Pass	± 1.5
3.24	1320	0.00	Pass	0.03	Pass	± 1.5
3.25	1370	0.00	Pass	0.03	Pass	± 1.5
3.26	1420	0.01	Pass	0.02	Pass	± 1.5
3.27	1470	0.04	Pass	0.03	Pass	± 1.5
3.28	1520	0.04	Pass	0.01	Pass	± 1.5
3.29	1570	0.07	Pass	0.02	Pass	± 1.5
3.30	1620	0.10	Pass	0.03	Pass	± 1.5
3.31	1670	0.07	Pass	0.01	Pass	± 1.5
3.32	1720	0.07	Pass	0.01	Pass	± 1.5
3.33	1770	0.10	Pass	0.03	Pass	± 1.5
3.34	1820	0.08	Pass	-0.01	Pass	± 1.5
3.35	1870	0.10	Pass	0.03	Pass	± 1.5
3.36	1920	0.05	Pass	0.01	Pass	± 1.5
3.37	1970	0.00	Pass	-0.01	Pass	± 1.5
3.38	2020	0.01	Pass	0.03	Pass	± 1.5
3.39	2070	0.00	Pass	0.02	Pass	± 1.5
3.40	2120	0.00	Pass	0.00	Pass	± 1.5
3.41	2170	0.03	Pass	0.04	Pass	± 1.5
3.42	2220	-0.02	Pass	-0.02	Pass	± 1.5
3.43	2270	-0.02	Pass	0.01	Pass	± 1.5
3.44	2320	0.03	Pass	0.04	Pass	± 1.5
3.45	2370	-0.01	Pass	-0.04	Pass	± 1.5
3.46	2420	0.02	Pass	0.01	Pass	± 1.5
3.47	2470	0.00	Pass	0.02	Pass	± 1.5
3.48	2520	0.03	Pass	-0.02	Pass	± 1.5
3.49	2570	0.15	Pass	0.08	Pass	± 1.5
3.50	2620	-0.12	Pass	-0.05	Pass	± 1.5
3.51	2670	-0.21	Pass	-0.12	Pass	± 1.5
3.52	2700	-0.05	Pass	-0.04	Pass	± 1.5

4.00 GENERATOR T/R POWER LEVEL ACCURACY (2-4-5)

	OUTPUT (dBm)	BEFORE (dBm)	PASS/FAIL	AFTER (dBm)	PASS/FAIL	TOLERANCE (dB)
4.01	-30.0	-30.00	Pass	-29.94	Pass	± 1
4.02	-40.0	-39.99	Pass	-39.93	Pass	± 1
4.03	-50.0	-49.97	Pass	-49.89	Pass	± 1
4.04	-60.0	-59.87	Pass	-59.80	Pass	± 1



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Manufacturer	Aeroflex	Certificate#	15050-598001404
Model#	2975	Description	Radio Test Set
Serial#	598001404	Date	February 19, 2015

5.00 GENERATOR T/R POWER LEVEL FLATNESS (2-4-6)

	FREQUENCY (MHz)	BEFORE (dBm)	PASS/FAIL	AFTER (dBm)	PASS/FAIL	TOLERANCE (dB)
5.01	50	-30.05	Pass	-29.92	Pass	± 1
5.02	100	-30.00	Pass	-29.94	Pass	± 1
5.03	150	-30.02	Pass	-29.88	Pass	± 1
5.04	200	-30.00	Pass	-29.86	Pass	± 1
5.05	250	-30.00	Pass	-29.91	Pass	± 1
5.06	300	-30.00	Pass	-29.93	Pass	± 1
5.07	350	-29.97	Pass	-29.91	Pass	± 1
5.08	400	-29.95	Pass	-29.93	Pass	± 1
5.09	450	-29.96	Pass	-29.99	Pass	± 1
5.10	500	-29.93	Pass	-30.00	Pass	± 1
5.11	550	-29.96	Pass	-29.98	Pass	± 1
5.12	600	-29.95	Pass	-30.03	Pass	± 1
5.13	650	-29.97	Pass	-30.07	Pass	± 1
5.14	700	-29.96	Pass	-30.07	Pass	± 1
5.15	750	-29.97	Pass	-30.07	Pass	± 1
5.16	800	-29.96	Pass	-30.07	Pass	± 1
5.17	850	-29.94	Pass	-30.11	Pass	± 1
5.18	900	-29.95	Pass	-30.10	Pass	± 1
5.19	950	-29.96	Pass	-30.08	Pass	± 1
5.20	1000	-29.95	Pass	-30.10	Pass	± 1
5.21	1050	-29.93	Pass	-30.11	Pass	± 1
5.22	1100	-29.96	Pass	-30.13	Pass	± 1
5.23	1150	-29.95	Pass	-30.08	Pass	± 1
5.24	1200	-29.93	Pass	-30.08	Pass	± 1
5.25	1250	-29.95	Pass	-30.12	Pass	± 1
5.26	1300	-29.94	Pass	-30.09	Pass	± 1
5.27	1350	-29.95	Pass	-30.04	Pass	± 1
5.28	1400	-29.97	Pass	-30.08	Pass	± 1
5.29	1450	-29.92	Pass	-30.03	Pass	± 1
5.30	1500	-29.95	Pass	-29.97	Pass	± 1
5.31	1550	-29.96	Pass	-30.00	Pass	± 1
5.32	1600	-29.94	Pass	-29.98	Pass	± 1
5.33	1650	-30.04	Pass	-30.03	Pass	± 1
5.34	1700	-29.99	Pass	-29.90	Pass	± 1
5.35	1750	-29.95	Pass	-29.89	Pass	± 1
5.35	1800	-29.95	Pass	-29.98	Pass	± 1
5.36	1850	-29.91	Pass	-29.92	Pass	± 1
5.37	1900	-29.96	Pass	-29.92	Pass	± 1
5.38	1950	-29.91	Pass	-29.87	Pass	± 1
5.39	2000	-29.95	Pass	-29.90	Pass	± 1
5.40	2050	-29.97	Pass	-29.89	Pass	± 1
5.41	2100	-29.95	Pass	-29.92	Pass	± 1
5.42	2150	-29.92	Pass	-29.93	Pass	± 1
5.43	2200	-30.03	Pass	-29.89	Pass	± 1

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Serial#	598001404	Date	February 19, 2015

5.00 GENERATOR T/R POWER LEVEL FLATNESS (2-4-6)

Continue.....

	FREQUENCY (MHz)	BEFORE (dBm)	PASS/FAIL	AFTER (dBm)	PASS/FAIL	TOLERANCE (dB)
5.44	2250	-30.01	Pass	-29.87	Pass	± 1
5.45	2300	-29.99	Pass	-29.89	Pass	± 1
5.46	2350	-30.01	Pass	-29.99	Pass	± 1
5.47	2400	-29.87	Pass	-29.95	Pass	± 1
5.48	2450	-29.96	Pass	-30.04	Pass	± 1
5.50	2500	-29.98	Pass	-30.06	Pass	± 1
5.51	2550	-29.90	Pass	-30.04	Pass	± 1
5.52	2600	-30.24	Pass	-30.19	Pass	± 1
5.53	2650	-30.13	Pass	-30.14	Pass	± 1
5.54	2700	-30.07	Pass	-30.14	Pass	± 1

6.00 RF POWER METER ACCURACY (2-4-7)

	APPLIED INPUT (dBm)	BEFORE (dBm)	PASS/FAIL	AFTER (dBm)	PASS/FAIL	TOLERANCE (dB)
6.01	10.5	10.57	Pass	10.53	Pass	± 1.05

7.00 RSSI METER ACCURACY (2-4-8)

	APPLIED INPUT (dBm)	BEFORE (dBm)	PASS/FAIL	AFTER (dBm)	PASS/FAIL	TOLERANCE (dB)
7.01	-70	-70.1	Pass	-70.3	Pass	± 2.5
7.02	-60	-59.9	Pass	-60.2	Pass	± 2.5
7.03	-50	-51.1	Pass	-50.3	Pass	± 2.5
7.04	-40	-39.9	Pass	-40.4	Pass	± 2.5
7.05	-30	-29.9	Pass	-30.4	Pass	± 2.5
7.06	-20	-19.6	Pass	-20.1	Pass	± 2.5

8.00 ANALYZER LEVEL ACCURACY (2-4-9)

	FREQUENCY (MHz)	BEFORE (dBm)	PASS/FAIL	AFTER (dBm)	PASS/FAIL	TOLERANCE (dB)
8.01	1	-31.7	Pass	-31.2	Pass	± 2
8.02	50	-31.0	Pass	-30.7	Pass	± 2
8.03	100	-30.9	Pass	-30.7	Pass	± 2
8.04	150	-30.7	Pass	-30.7	Pass	± 2
8.05	200	-30.8	Pass	-30.9	Pass	± 2
8.06	250	-31.4	Pass	-30.8	Pass	± 2
8.07	300	-31.0	Pass	-30.9	Pass	± 2
8.08	350	-30.7	Pass	-30.4	Pass	± 2
8.09	400	-30.7	Pass	-30.4	Pass	± 2
8.10	450	-31.2	Pass	-30.8	Pass	± 2
8.11	500	-31.1	Pass	-30.4	Pass	± 2
8.12	550	-30.9	Pass	-30.3	Pass	± 2



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Customer	Codan Radio	Work Order#	1000129
Manufacturer	Aeroflex	Certificate#	15050-598001404
Model#	2975	Description	Radio Test Set
Serial#	598001404	Date	February 19, 2015

8.00 ANALYZER LEVEL ACCURACY (2-4-9)

Continue.....

	FREQUENCY (MHz)	BEFORE (dBm)	PASS/FAIL	AFTER (dBm)	PASS/FAIL	TOLERANCE (dB)
8.13	600	-30.9	Pass	-30.3	Pass	± 2
8.14	650	-30.8	Pass	-30.1	Pass	± 2
8.15	700	-30.8	Pass	-30.4	Pass	± 2
8.16	750	-30.7	Pass	-30.1	Pass	± 2
8.17	800	-31.1	Pass	-30.5	Pass	± 2
8.18	850	-31.5	Pass	-31.0	Pass	± 2
8.19	900	-31.6	Pass	-30.8	Pass	± 2
8.20	950	-31.1	Pass	-30.5	Pass	± 2
8.21	1000	-31.0	Pass	-30.4	Pass	± 2
8.22	1050	-31.1	Pass	-30.4	Pass	± 2
8.23	1100	-31.3	Pass	-30.8	Pass	± 2
8.24	1150	-31.5	Pass	-30.9	Pass	± 2
8.25	1200	-31.2	Pass	-30.8	Pass	± 2
8.26	1250	-31.8	Pass	-31.3	Pass	± 2
8.27	1300	-32.5	Fail	-31.7	Pass	± 2
8.28	1350	-31.9	Pass	-31.3	Pass	± 2
8.29	1400	-31.4	Pass	-31.0	Pass	± 2
8.30	1450	-31.5	Pass	-30.9	Pass	± 2
8.31	1500	-31.9	Pass	-31.0	Pass	± 2
8.32	1550	-31.9	Pass	-31.2	Pass	± 2
8.33	1600	-31.8	Pass	-30.8	Pass	± 2
8.34	1650	-31.7	Pass	-30.8	Pass	± 2
8.35	1700	-31.8	Pass	-30.9	Pass	± 2
8.36	1750	-31.7	Pass	-30.7	Pass	± 2
8.37	1800	-31.3	Pass	-30.6	Pass	± 2
8.38	1850	-31.5	Pass	-30.8	Pass	± 2
8.39	1900	-31.8	Pass	-30.8	Pass	± 2
8.40	1950	-31.6	Pass	-30.7	Pass	± 2
8.41	2000	-31.0	Pass	-30.2	Pass	± 2
8.42	2050	-30.7	Pass	-29.8	Pass	± 2
8.43	2100	-31.1	Pass	-30.4	Pass	± 2
8.44	2150	-31.6	Pass	-30.6	Pass	± 2
8.45	2200	-31.3	Pass	-31.0	Pass	± 2
8.46	2250	-31.3	Pass	-30.8	Pass	± 2
8.47	2300	-31.1	Pass	-30.5	Pass	± 2
8.48	2350	-30.8	Pass	-30.4	Pass	± 2
8.49	2400	-30.9	Pass	-30.5	Pass	± 2
8.50	2450	-31.2	Pass	-30.9	Pass	± 2
8.51	2500	-31.5	Pass	-31.3	Pass	± 2
8.52	2550	-31.2	Pass	-31.2	Pass	± 2
8.53	2600	-30.8	Pass	-31.0	Pass	± 2
8.54	2650	-31.2	Pass	-31.3	Pass	± 2
8.55	2700	-31.3	Pass	-31.3	Pass	± 2

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Serial#	598001404	Date	February 19, 2015

9.00 GENERATOR FM RESIDUAL (2-4-10)

	FM FILTER	BEFORE (Hz)	PASS/FAIL	AFTER (Hz)	PASS/FAIL	TOLERANCE (Hz)
9.01	300Hz to 3kHz	11	Pass	11	Pass	< 15

10.00 GENERATOR AM RESIDUAL (2-4-11)

	AM FILTER	BEFORE (%)	PASS/FAIL	AFTER (%)	PASS/FAIL	TOLERANCE (%)
10.01	300Hz to 3kHz	0.04	Pass	0.04	Pass	< 0.1

11.00 GENERATOR FM DEVIATION ACCURACY (2-4-12)

	FM FILTER	BEFORE (kHz)	PASS/FAIL	AFTER (kHz)	PASS/FAIL	TOLERANCE (kHz)
11.01	15kHz LP	10.10	Pass	10.10	Pass	10 ± 0.3

12.00 GENERATOR FM MODULATION RATE (2-4-13)

	RATE (Hz)	FM DEVIATION BEFORE (kHz)	PASS/FAIL	FM DEVIATION AFTER (kHz)	PASS/FAIL	TOLERANCE (kHz)
12.01	50	6.08	Pass	6.08	Pass	6 ± 0.18
12.02	300	6.09	Pass	6.09	Pass	6 ± 0.18
12.03	10000	6.10	Pass	6.10	Pass	6 ± 0.18

13.00 GENERATOR FM MODULATION DISTORTION (2-4-14)

	FM FILTER	BEFORE (%)	PASS/FAIL	AFTER (%)	PASS/FAIL	TOLERANCE (%)
13.01	3kHz LP	0.08	Pass	0.08	Pass	< 1

14.00 GENERATOR AM MODULATION ACCURACY (2-4-15)

	AM FILTER	BEFORE (%)	PASS/FAIL	AFTER (%)	PASS/FAIL	TOLERANCE (%)
14.01	None	29.72	Pass	29.72	Pass	30 ± 5

15.00 RF ERROR METER ACCURACY (2-4-16)

	FREQUENCY (MHz)	BEFORE (Hz)	PASS/FAIL	AFTER (Hz)	PASS/FAIL	TOLERANCE (Hz)
15.01	1000.01	10000	Pass	10000	Pass	± 1
15.02	999.99	-10000	Pass	-10000	Pass	± 1



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16.00 AF METER ACCURACY (2-4-17)

	METER (Hz)	BEFORE (Hz)	PASS/FAIL	AFTER (Hz)	PASS/FAIL	TOLERANCE (Hz)
16.01	1000	1000	Pass	1000	Pass	± 1.0

17.00 FM DEVIATION METER ACCURACY (2-4-18)

	100MHz @-10.0dBm	BEFORE (kHz)	PASS/FAIL	AFTER (kHz)	PASS/FAIL	TOLERANCE (kHz)
17.01	10kHz FM @ 1kHz rate	9.85	Pass	9.85	Pass	10 ± 0.52

18.00 AM MODULATION METER ACCURACY (2-4-19)

	100MHz @-20.0dBm	BEFORE (%)	PASS/FAIL	AFTER (%)	PASS/FAIL	TOLERANCE (%)
18.01	50% Depth	47.53%	Pass	47.53%	Pass	50 ± 5.0

19.00 ANALYZER FREQUENCY AND SPAN ACCURACY (2-4-20)

	Analyzer PEAK Frequency error	BEFORE (kHz)	PASS/FAIL	AFTER (kHz)	PASS/FAIL	TOLERANCE (kHz)
19.01		0.204	Pass	0.204	Pass	± 2.5

	-30dBm point within 1/2 minor division of 9th major division from left	BEFORE	PASS/FAIL	AFTER	PASS/FAIL	TOLERANCE
19.02		Yes	Pass	Yes	Pass	Yes/No

20.00 ANALYZER BANDWIDTH SWITCHING ERROR (2-4-21)

	SPAN, RBW (kHz)	BEFORE (dB)	PASS/FAIL	AFTER (dB)	PASS/FAIL	TOLERANCE (dB)
20.01	5, 0.3	-30.5	----	-30.5	----	
20.02	50,3	-30.4	----	-30.4	----	
20.03	500,30	-30.4	----	-30.4	----	
20.04	1000,60	-30.4	----	-30.4	----	
20.05	5,000,300	-30.4	----	-30.4	----	
20.06	20000, 6000	-30.3	----	-30.3	----	
20.07	Max Deviation	0.2	Pass	0.2	Pass	< 2

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Model#	2975	Description	Radio Test Set
Serial#	598001404	Date	February 19, 2015

21.00 OSCILLOSCOPE AMPLITUDE ACCURACY (2-4-22)

CH1	GEN LEVEL (Vpp), SCOPE V/DIV	BEFORE Divisions	PASS/FAIL	AFTER Divisions	PASS/FAIL	TOLERANCE
21.01	0.16, 0.02	8.4	Pass	8.4	Pass	7 to 9 Divisons
21.02	0.4, 0.05	8.3	Pass	8.3	Pass	7 to 9 Divisons
21.03	0.8, 0.1	8.0	Pass	8.0	Pass	7 to 9 Divisons
21.04	1.6, 0.2	8.0	Pass	8.0	Pass	7 to 9 Divisons
21.05	4, 0.5	8.0	Pass	8.0	Pass	7 to 9 Divisons
21.06	8, 1	8.0	Pass	8.0	Pass	7 to 9 Divisons
21.07	16, 2	8.0	Pass	8.0	Pass	7 to 9 Divisons
CH2	GEN LEVEL (Vpp), SCOPE V/DIV	BEFORE Divisions	PASS/FAIL	AFTER Divisions	PASS/FAIL	TOLERANCE
21.08	0.16, 0.02	8.4	Pass	8.4	Pass	7 to 9 Divisons
21.09	0.4, 0.05	8.3	Pass	8.3	Pass	7 to 9 Divisons
21.10	0.8, 0.1	8.0	Pass	8.0	Pass	7 to 9 Divisons
21.11	1.6, 0.2	8.0	Pass	8.0	Pass	7 to 9 Divisons
21.12	4, 0.5	8.0	Pass	8.0	Pass	7 to 9 Divisons
21.13	8, 1	8.0	Pass	8.0	Pass	7 to 9 Divisons
21.14	16, 2	8.0	Pass	8.0	Pass	7 to 9 Divisons

22.00 DIGITAL VOLTMETER DC ACCURACY (2-4-23)

	APPLIED (V)	BEFORE (V)	PASS/FAIL	AFTER (V)	PASS/FAIL	TOLERANCE (V)
22.01	0.20	0.20	Pass	0.20	Pass	± 0.01

23.00 DIGITAL VOLTMETER AC ACCURACY (2-4-24)

	APPLIED (V)	BEFORE (V)	PASS/FAIL	AFTER (V)	PASS/FAIL	TOLERANCE (V)
23.01	0.2 V, 50 Hz	0.20	Pass	0.20	Pass	± 0.03
23.02	0.2 V, 100 Hz	0.20	Pass	0.20	Pass	± 0.03
23.03	0.2 V, 1000 Hz	0.20	Pass	0.20	Pass	± 0.03
23.04	0.2 V, 10000 Hz	0.20	Pass	0.20	Pass	± 0.03
23.05	0.2 V, 20000 Hz	0.20	Pass	0.20	Pass	± 0.03

24.00 FUNCTION GENERATOR LEVEL ACCURACY (2-4-25)

	OUTPUT (V)	BEFORE (V)	PASS/FAIL	AFTER (V)	PASS/FAIL	TOLERANCE (V)
24.01	7.07	7.007	Pass	7.007	Pass	± 0.35

25.00 FUNCTION GENERATOR FREQUENCY ACCURACY (2-4-26)

	OUTPUT (Hz)	BEFORE (Hz)	PASS/FAIL	AFTER (Hz)	PASS/FAIL	TOLERANCE (Hz)
25.01	5000	5000.3	Pass	5000.3	Pass	± 1.0

testforce

Calibration Results

FRM-748 Rev. 0 July 21/09

Customer	Codan Radio	Work Order#	1000129
Manufacturer	Aeroflex	Certificate#	15050-598001404
Model#	2975	Description	Radio Test Set
Serial#	598001404	Date	February 19, 2015

26.00 FUNCTION GENERATOR TOTAL HARMONIC DISTORTION (2-4-27)

	AUDIO OUT 1	BEFORE (%)	PASS/FAIL	AFTER (%)	PASS/FAIL	TOLERANCE (%)
26.01	DISTORTION	0.39	Pass	0.39	Pass	<0.5

27.00 AF COUNTER ACCURACY (2-4-28)

	OUTPUT (Hz)	BEFORE (Hz)	PASS/FAIL	AFTER (Hz)	PASS/FAIL	TOLERANCE (Hz)
27.01	5000	5000	Pass	5000	Pass	± 1.0

28.00 SINAD / DISTORTION METER ACCURACY (2-4-29)

	LEVEL (dB)	BEFORE (dB)	PASS/FAIL	AFTER (dB)	PASS/FAIL	TOLERANCE (dB)
28.01	12	11.74	Pass	11.74	Pass	± 1.1

		BEFORE (%)	PASS/FAIL	AFTER (%)	PASS/FAIL	TOLERANCE (%)
28.02	DISTORTION	5.04	Pass	5.04	Pass	5 ± 0.09

NOTE: INDICATES
OUT OF TOLERANCE

As Received Condition

Physical Condition: Good
Within Tolerance: No

As Shipped Condition

Within Tolerance: Yes
Limited or No Service Performed (Note Below):

Note below if Out of Tolerance and/or describe physical condition if poor:

1. Analyzer Level Accuracy; Adjusted

Technician: