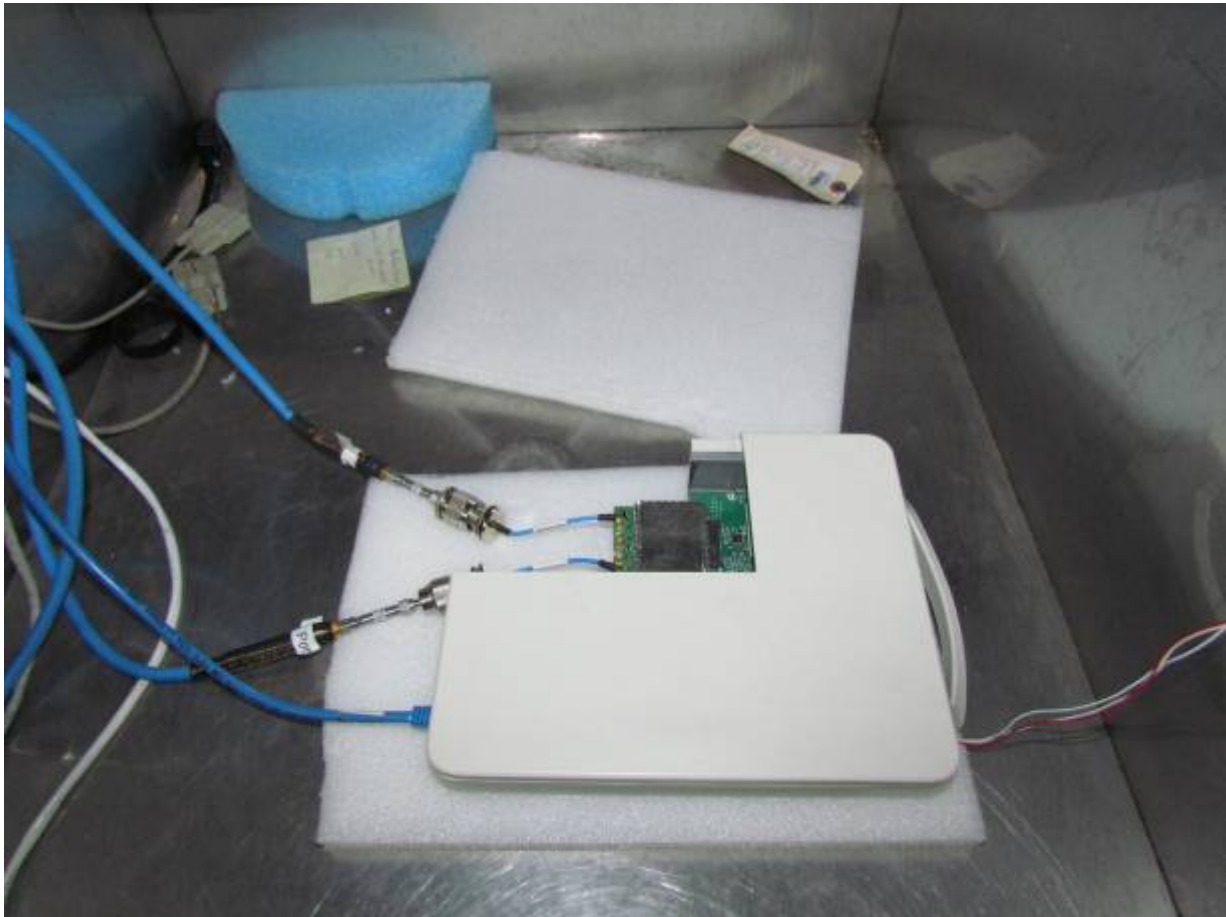


7. PHOTOGRAPHS

7.1. Conducted Test Setup



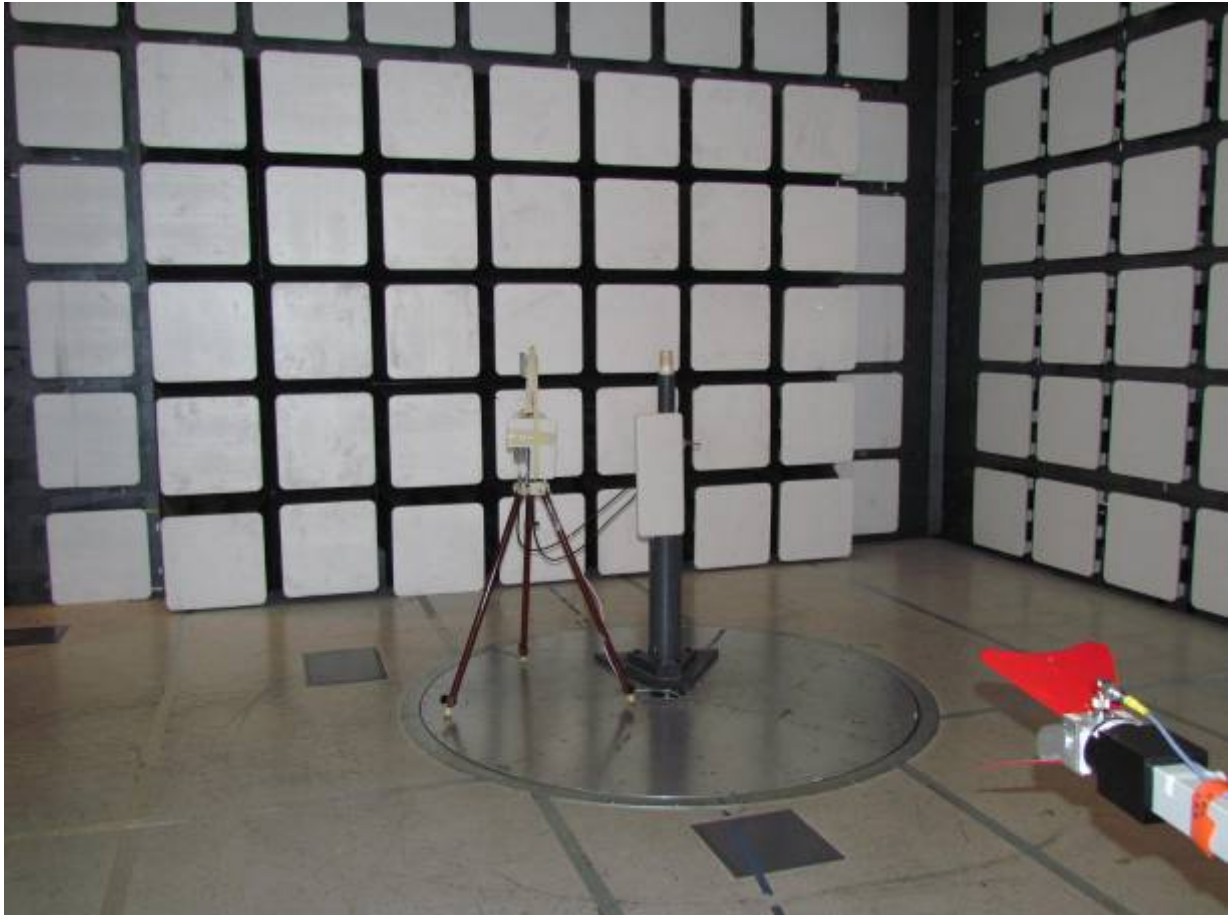
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.

7.2. Test Setup - Digital Emissions below 1 GHz



This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.

7.3. Radiated Emissions Test Setup >1 GHz



This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



Title: AP0127730, AP0134760
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: RDWN12-U2 Rev B
Issue Date: 18th January 2013
Page: 162 of 272

8. TEST EQUIPMENT DETAILS

Asset #	Instrument	Manufacturer	Part #	Serial #	Calibration Due Date
0070	Power Meter	Hewlett Packard	437B	3125U11552	28 th Nov 12
0117	Power Sensor	Hewlett Packard	8487D	3318A00371	15 th Nov 13
0223	Power Meter	Hewlett Packard	EPM-442A	US37480256	15 th Nov 13
0374	Power Sensor	Hewlett Packard	8485A	3318A19694	29 th Nov 12
0158	Barometer /Thermometer	Control Co.	4196	E2846	8 th Dec 12
0193	EMI Receiver	Rhode & Schwartz	ESI 7	838496/007	2 nd Dec 12
0287	EMI Receiver	Rhode & Schwartz	ESIB40	100201	16 th Nov 13
0338	30 - 3000 MHz Antenna	Sunol	JB3	A052907	8 th Nov 13
0335	1-18 GHz Horn Antenna	EMCO	3117	00066580	7 th Nov 13
0252	SMA Cable	Megaphase	Sucoflex 104	None	N/A
0293	BNC Cable	Megaphase	1689 1GVT4	15F50B001	N/A
0307	BNC Cable	Megaphase	1689 1GVT4	15F50B002	N/A
0310	2m SMA Cable	Micro-Coax	UFA210A-0-0787-3G03G0	209089-001	N/A
0312	3m SMA Cable	Micro-Coax	UFA210A-1-1181-3G0300	209092-001	N/A
0314	30dB N-Type Attenuator	ARRA	N9444-30	1623	N/A
	EMC Test Software	EMISoft	Vasona	5.0051	N/A
	RF Conducted Test Software	National Instruments	Labview	Version 8.2	N/A
	RF Conducted Test Software	MiCOM Labs ATS		Version 1.5	N/A

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



Title: AP0127730, AP0134760
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: RDWN12-U2 Rev B
Issue Date: 18th January 2013
Page: 163 of 272

APPENDIX

A. SUPPORTING INFORMATION

A.1. CONDUCTED TEST PLOTS

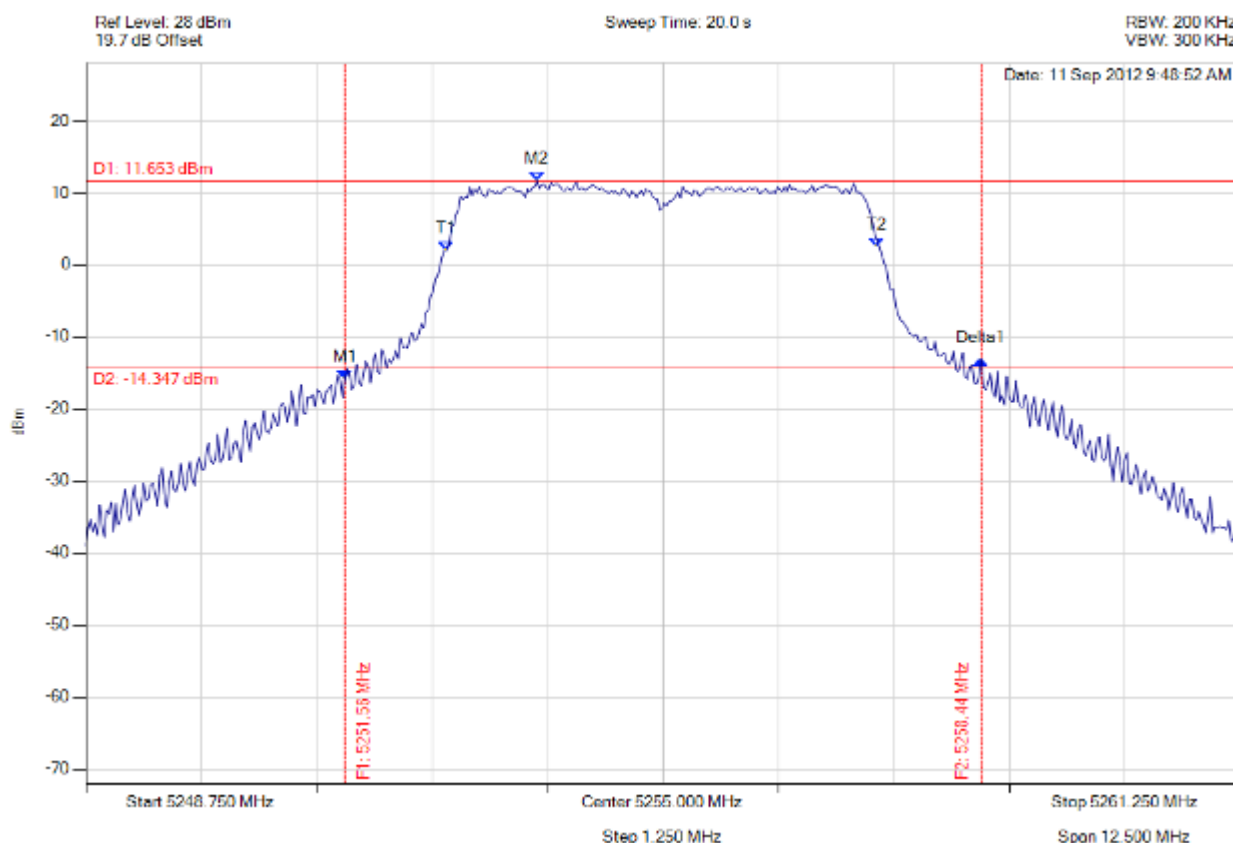
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.

A.1.1. 26 dB & 99% Bandwidth



26 dB 99%

Variant: 5 MHz, Channel: 5255.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5251.556 MHz : -15.856 dBm M2 : 5253.635 MHz : 11.653 dBm Delta1 : 6.889 MHz : 2.666 dB T1 : 5252.658 MHz : 1.988 dBm T2 : 5257.317 MHz : 2.474 dBm OBW : 4.684 MHz	Measured 26 dB Bandwidth: 6.889 MHz Measured 99% Bandwidth: 4.684 MHz

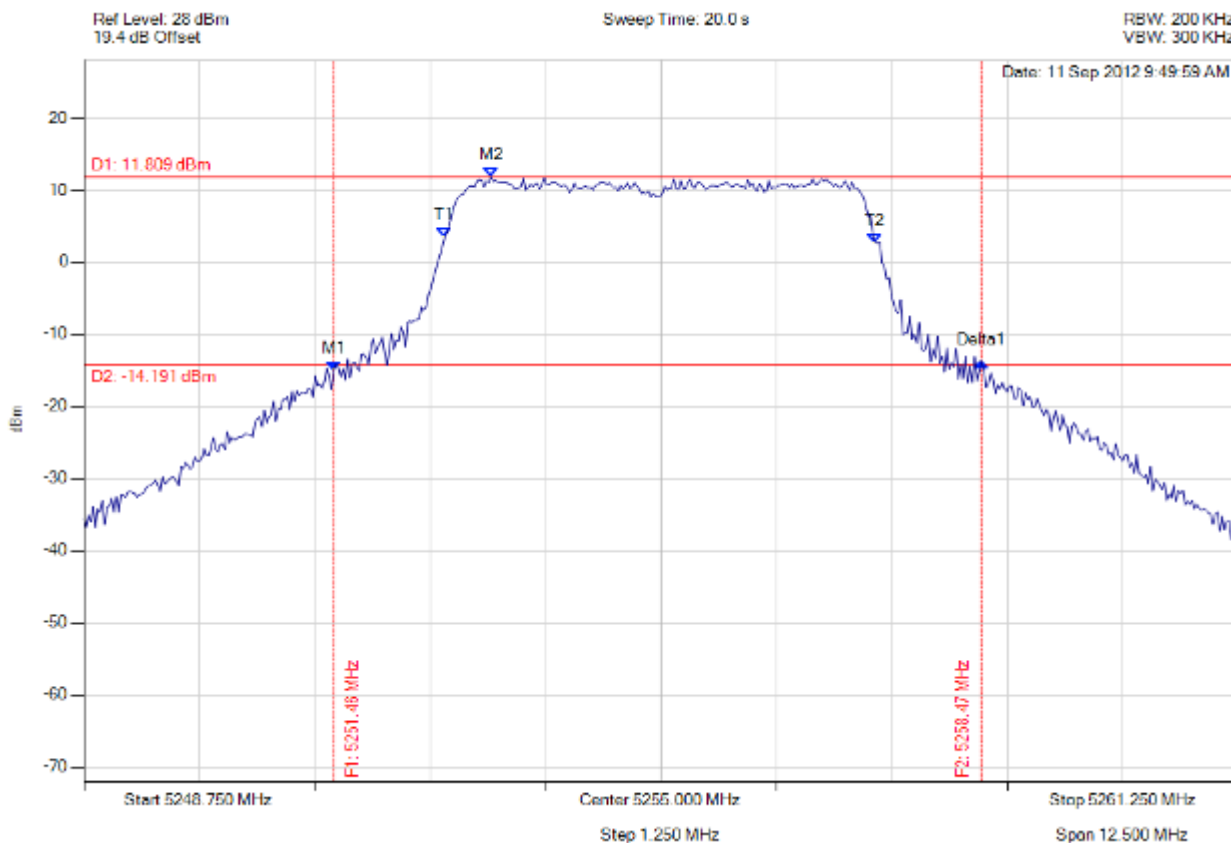
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



26 dB 99%

Variant: 5 MHz, Channel: 5255.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5251.455 MHz : -15.085 dBm M2 : 5253.159 MHz : 11.809 dBm Delta1 : 7.014 MHz : 1.188 dB T1 : 5252.658 MHz : 3.447 dBm T2 : 5257.317 MHz : 2.588 dBm OBW : 4.684 MHz	Measured 26 dB Bandwidth: 7.014 MHz Measured 99% Bandwidth: 4.684 MHz

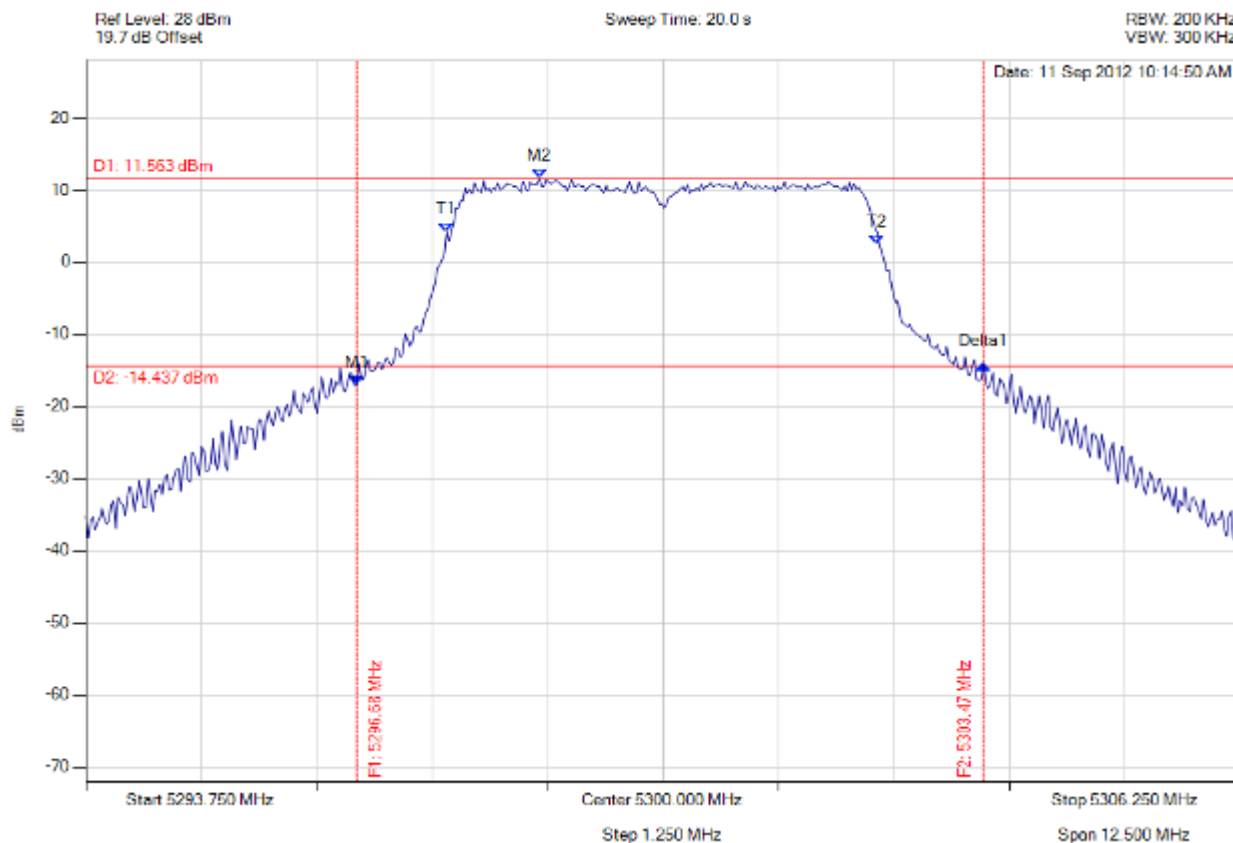
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



26 dB 99%

Variant: 5 MHz, Channel: 5300.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5296.681 MHz : -17.119 dBm M2 : 5298.660 MHz : 11.563 dBm Delta1 : 6.789 MHz : 2.988 dB T1 : 5297.658 MHz : 4.217 dBm T2 : 5302.317 MHz : 2.444 dBm OBW : 4.684 MHz	Measured 26 dB Bandwidth: 6.789 MHz Measured 99% Bandwidth: 4.684 MHz

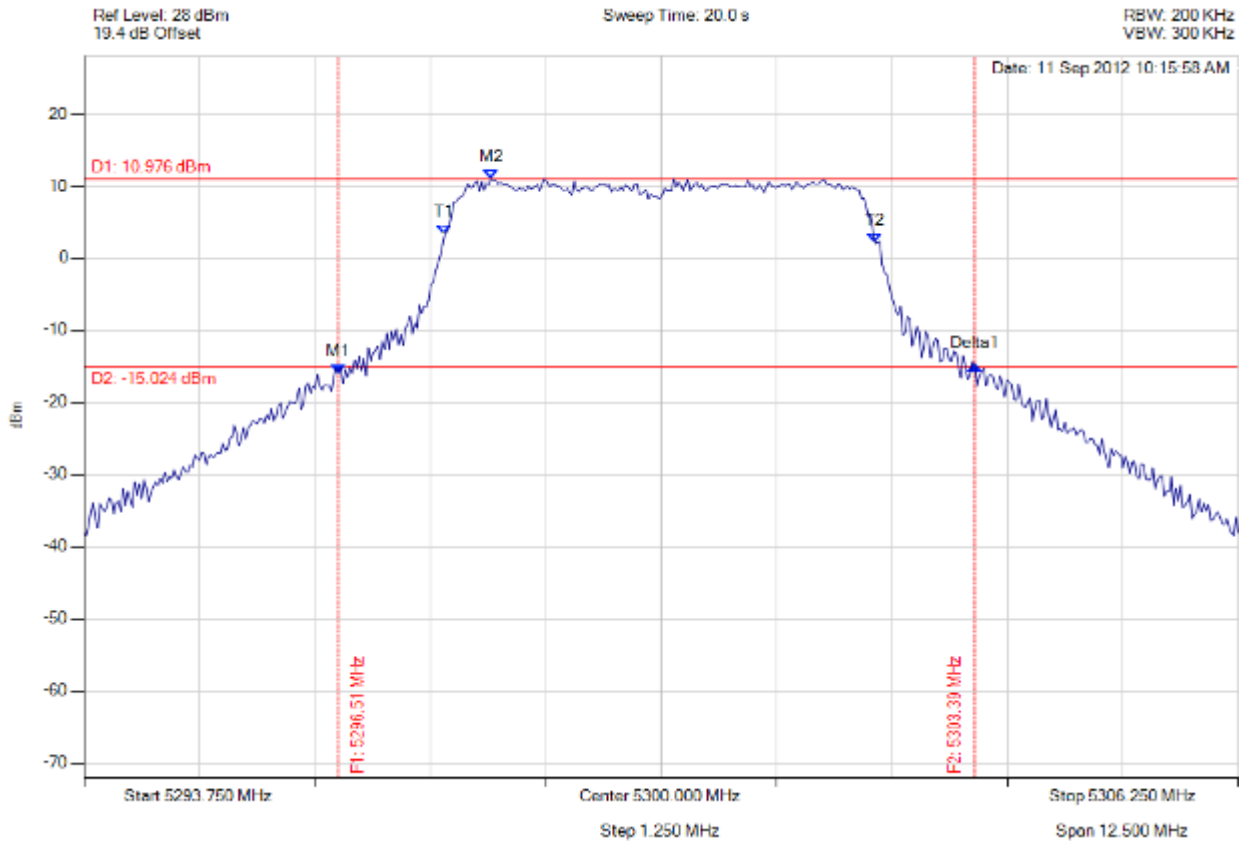
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



26 dB 99%

Variant: 5 MHz, Channel: 5300.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5296.506 MHz : -15.974 dBm M2 : 5298.159 MHz : 10.976 dBm Delta1 : 6.889 MHz : 1.084 dB T1 : 5297.658 MHz : 3.304 dBm T2 : 5302.317 MHz : 2.112 dBm OBW : 4.684 MHz	Measured 26 dB Bandwidth: 6.889 MHz Measured 99% Bandwidth: 4.684 MHz

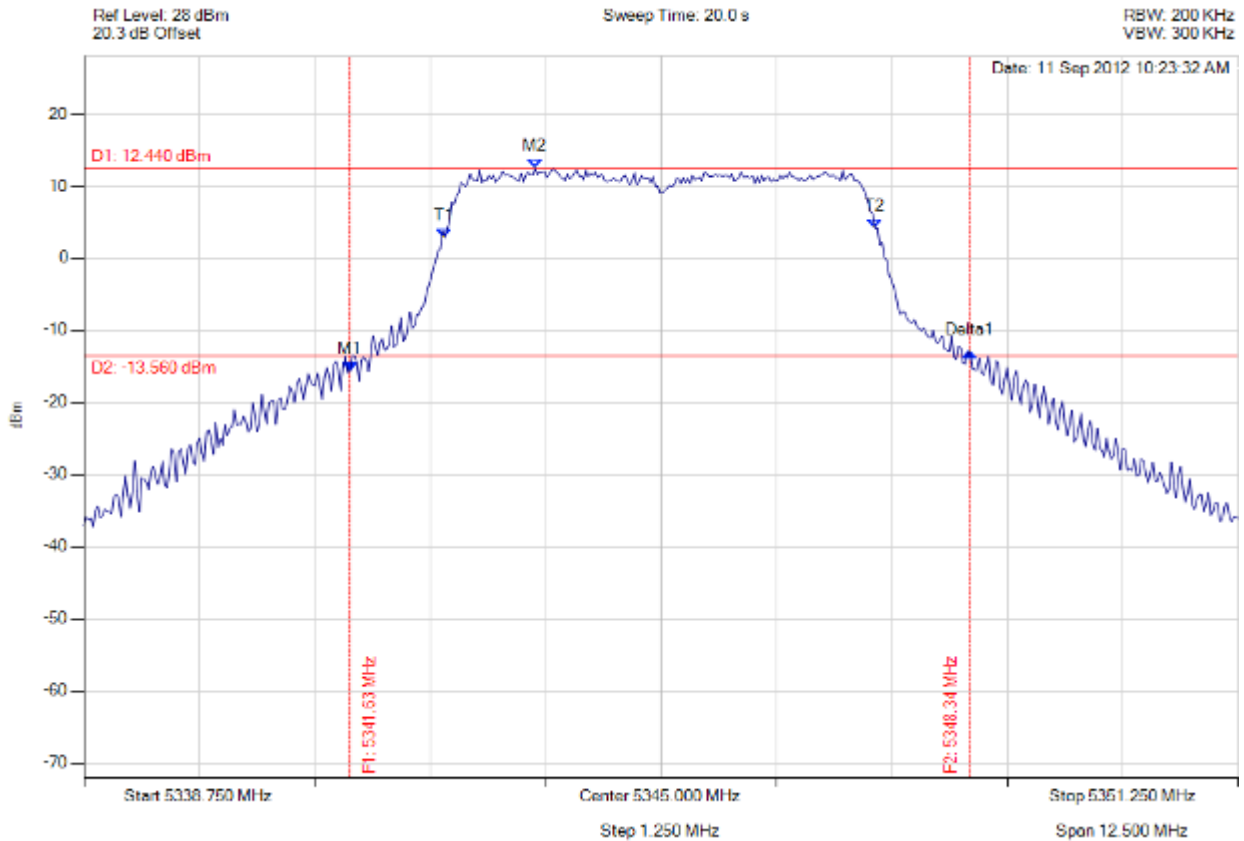
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



26 dB 99%

Variant: 5 MHz, Channel: 5345.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5341.631 MHz : -15.732 dBm M2 : 5343.635 MHz : 12.440 dBm Delta1 : 6.713 MHz : 2.731 dB T1 : 5342.658 MHz : 2.828 dBm T2 : 5347.317 MHz : 4.197 dBm OBW : 4.684 MHz	Measured 26 dB Bandwidth: 6.713 MHz Measured 99% Bandwidth: 4.684 MHz

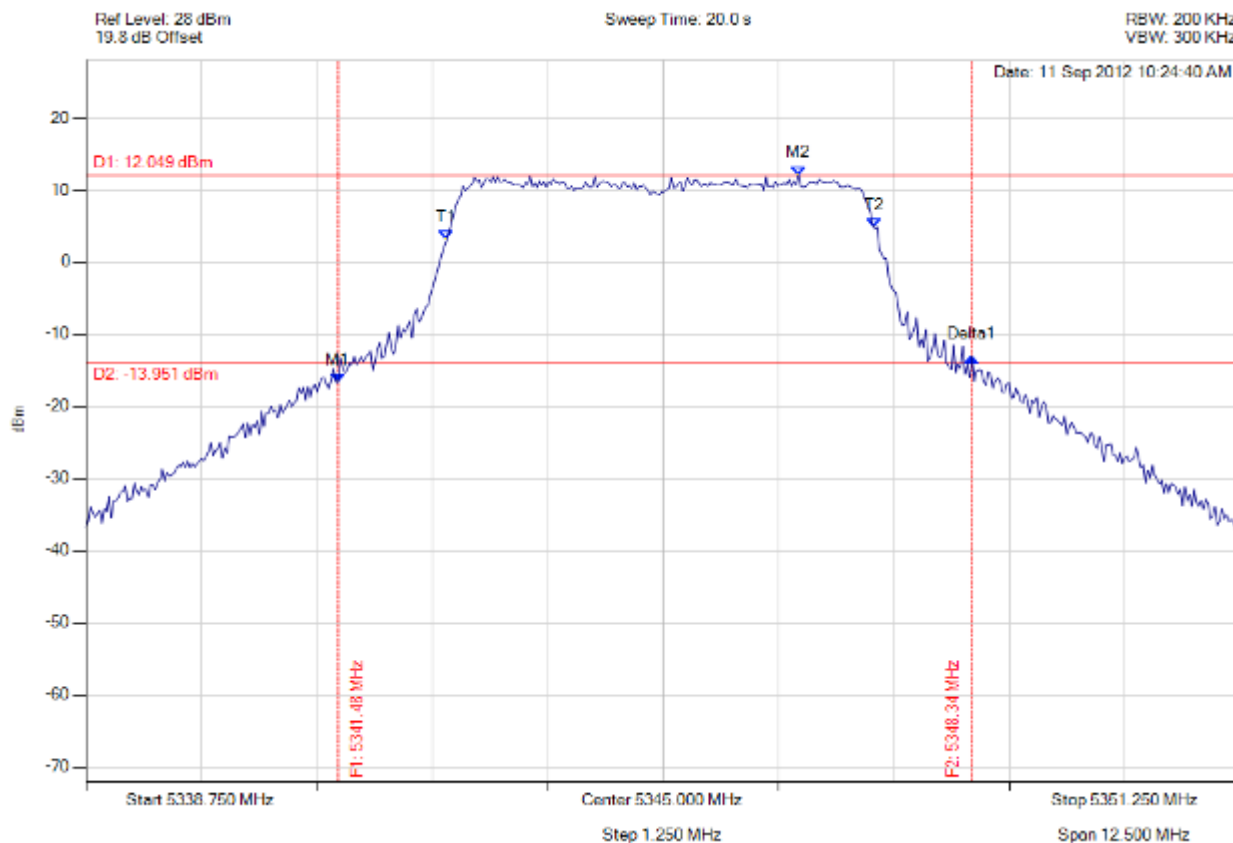
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



26 dB 99%

Variant: 5 MHz, Channel: 5345.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5341.480 MHz : -16.653 dBm M2 : 5346.465 MHz : 12.049 dBm Delta1 : 6.864 MHz : 3.522 dB T1 : 5342.658 MHz : 3.078 dBm T2 : 5347.292 MHz : 4.870 dBm OBW : 4.659 MHz	Measured 26 dB Bandwidth: 6.864 MHz Measured 99% Bandwidth: 4.659 MHz

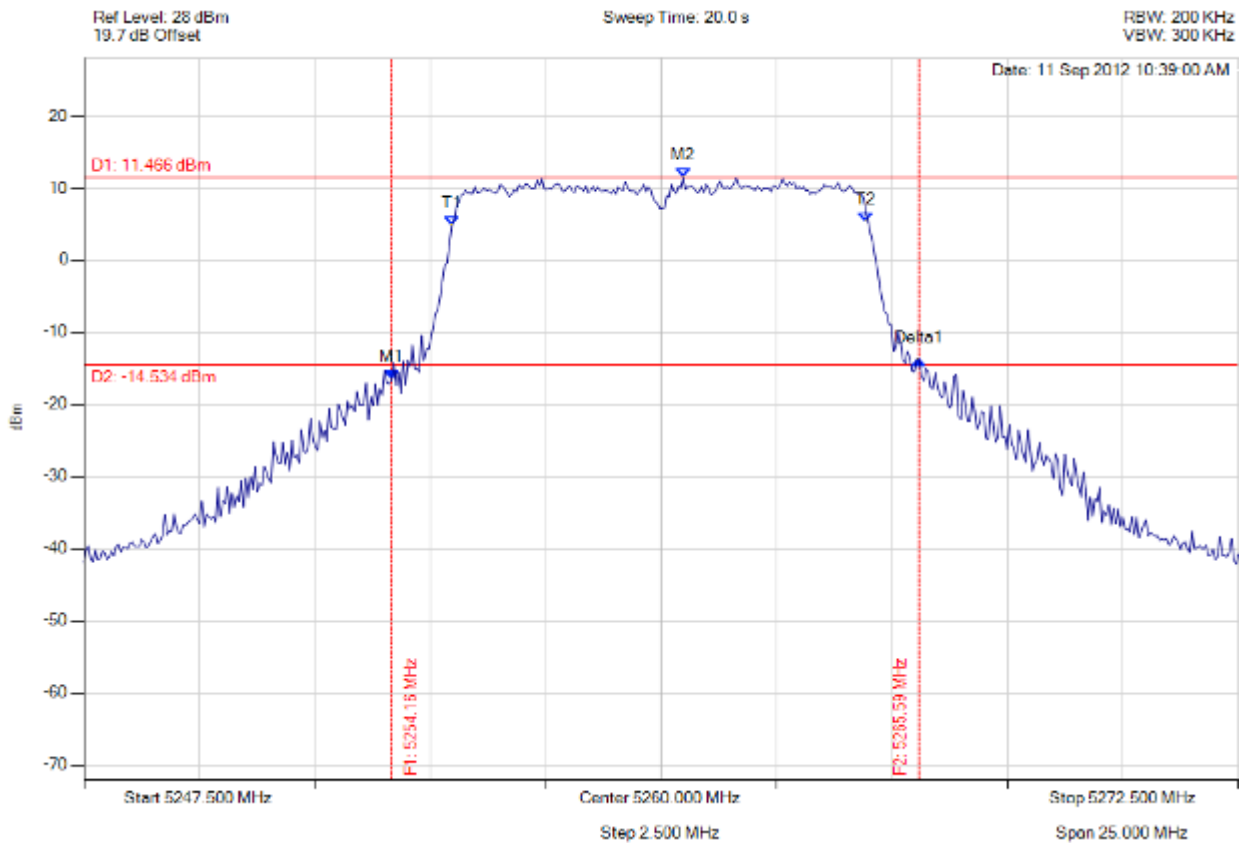
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



26 dB 99%

Variant: 10 MHz, Channel: 5260.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5254.163 MHz : -16.600 dBm M2 : 5260.476 MHz : 11.466 dBm Delta1 : 11.423 MHz : 2.741 dB T1 : 5255.466 MHz : 4.775 dBm T2 : 5264.434 MHz : 5.246 dBm OBW : 9.018 MHz	Measured 26 dB Bandwidth: 11.423 MHz Measured 99% Bandwidth: 9.018 MHz

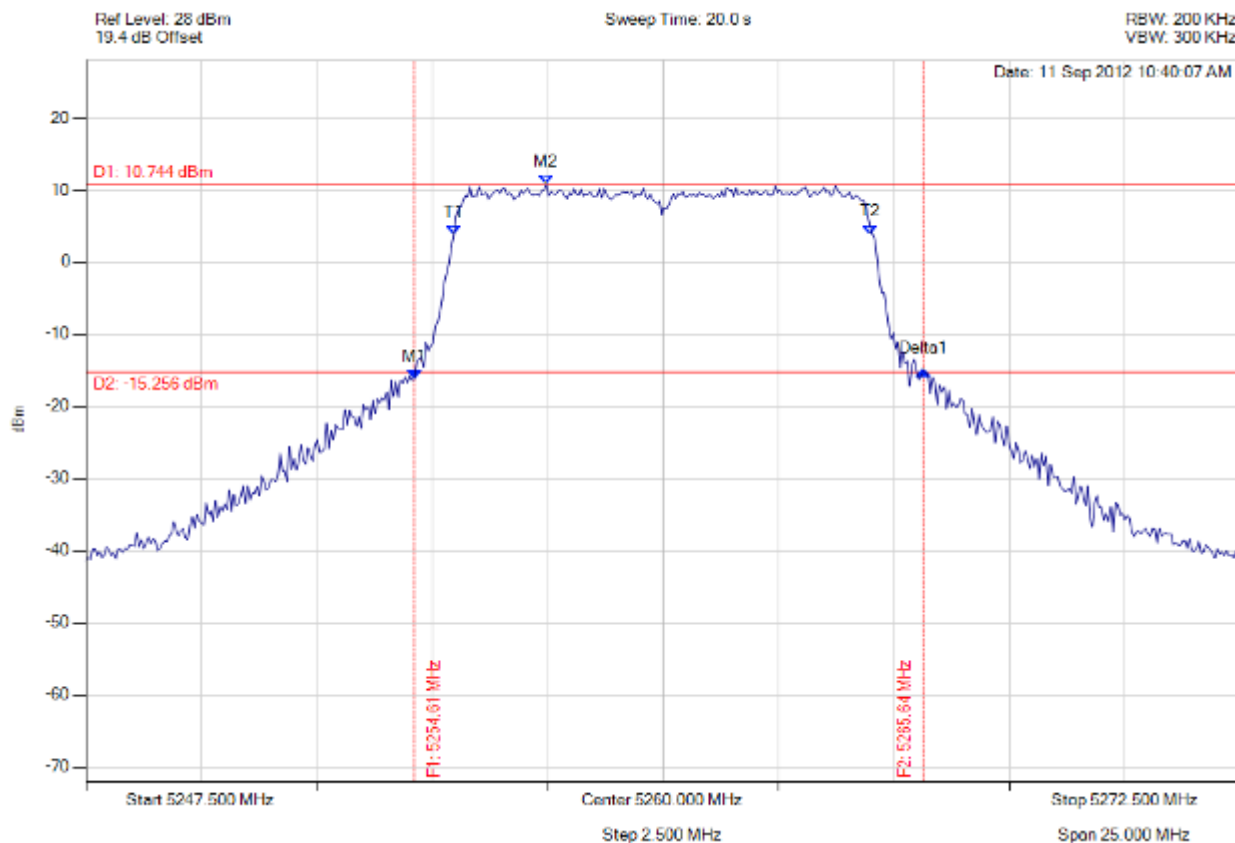
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



26 dB 99%

Variant: 10 MHz, Channel: 5260.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5254.614 MHz : -16.287 dBm M2 : 5257.470 MHz : 10.744 dBm Delta1 : 11.022 MHz : 1.204 dB T1 : 5255.466 MHz : 3.770 dBm T2 : 5264.484 MHz : 3.884 dBm OBW : 9.068 MHz	Measured 26 dB Bandwidth: 11.022 MHz Measured 99% Bandwidth: 9.068 MHz

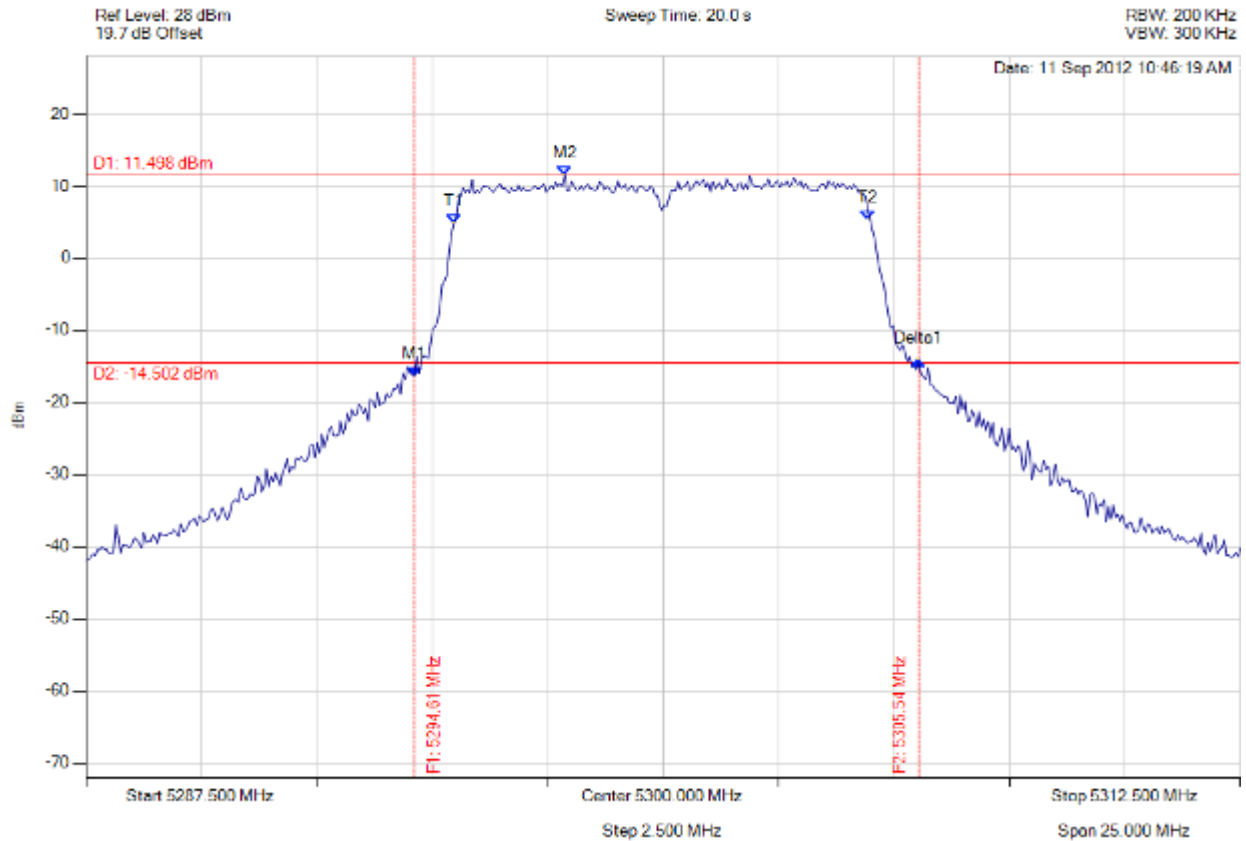
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



26 dB 99%

Variant: 10 MHz, Channel: 5300.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5294.614 MHz : -16.401 dBm M2 : 5297.871 MHz : 11.498 dBm Delta1 : 10.922 MHz : 2.131 dB T1 : 5295.466 MHz : 4.771 dBm T2 : 5304.434 MHz : 5.275 dBm OBW : 9.018 MHz	Measured 26 dB Bandwidth: 10.922 MHz Measured 99% Bandwidth: 9.018 MHz

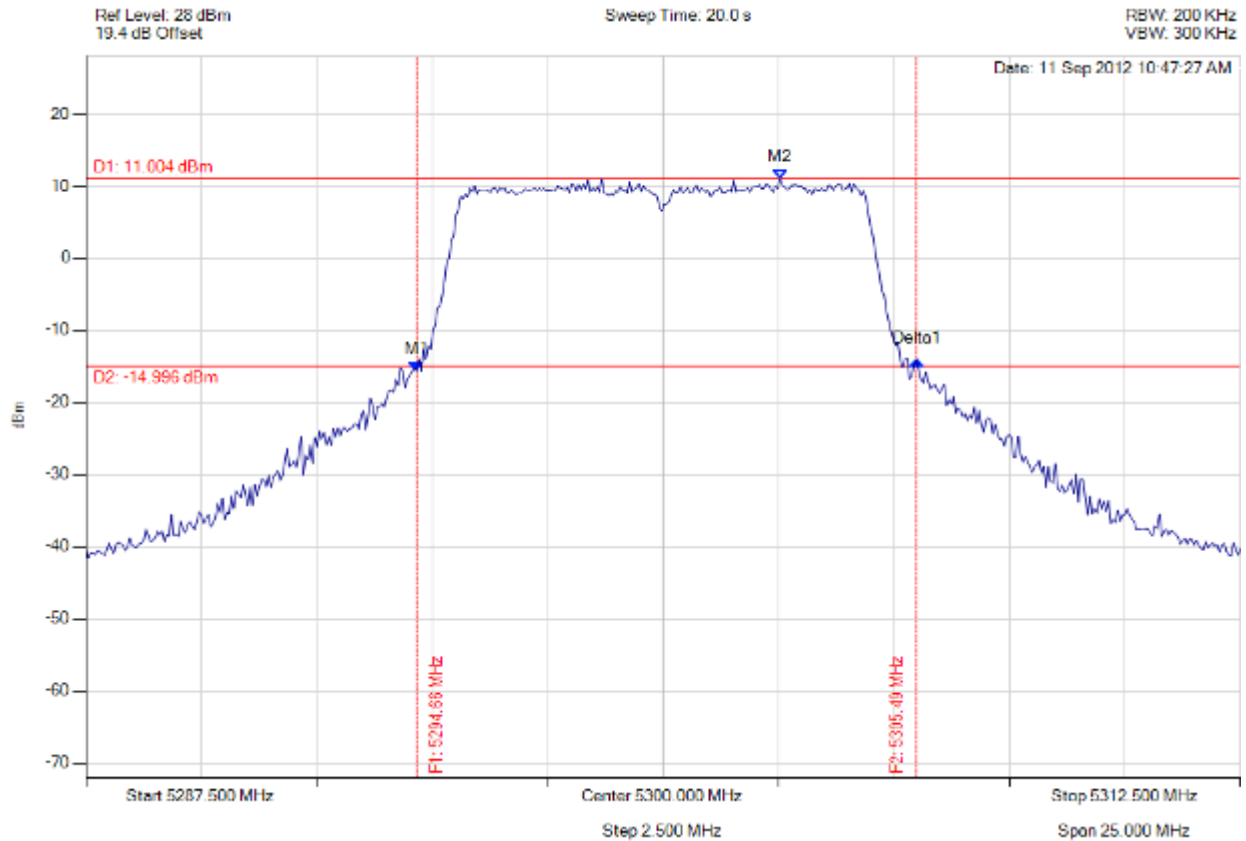
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



26 dB 99%

Variant: 10 MHz, Channel: 5300.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5294.664 MHz : -15.656 dBm M2 : 5302.530 MHz : 11.004 dBm Delta1 : 10.822 MHz : 1.466 dB T1 : 0 Hz : 500.000 dBm T2 : 0 Hz : 500.000 dBm OBW : 8.968 MHz	Measured 26 dB Bandwidth: 10.822 MHz Measured 99% Bandwidth: 8.968 MHz

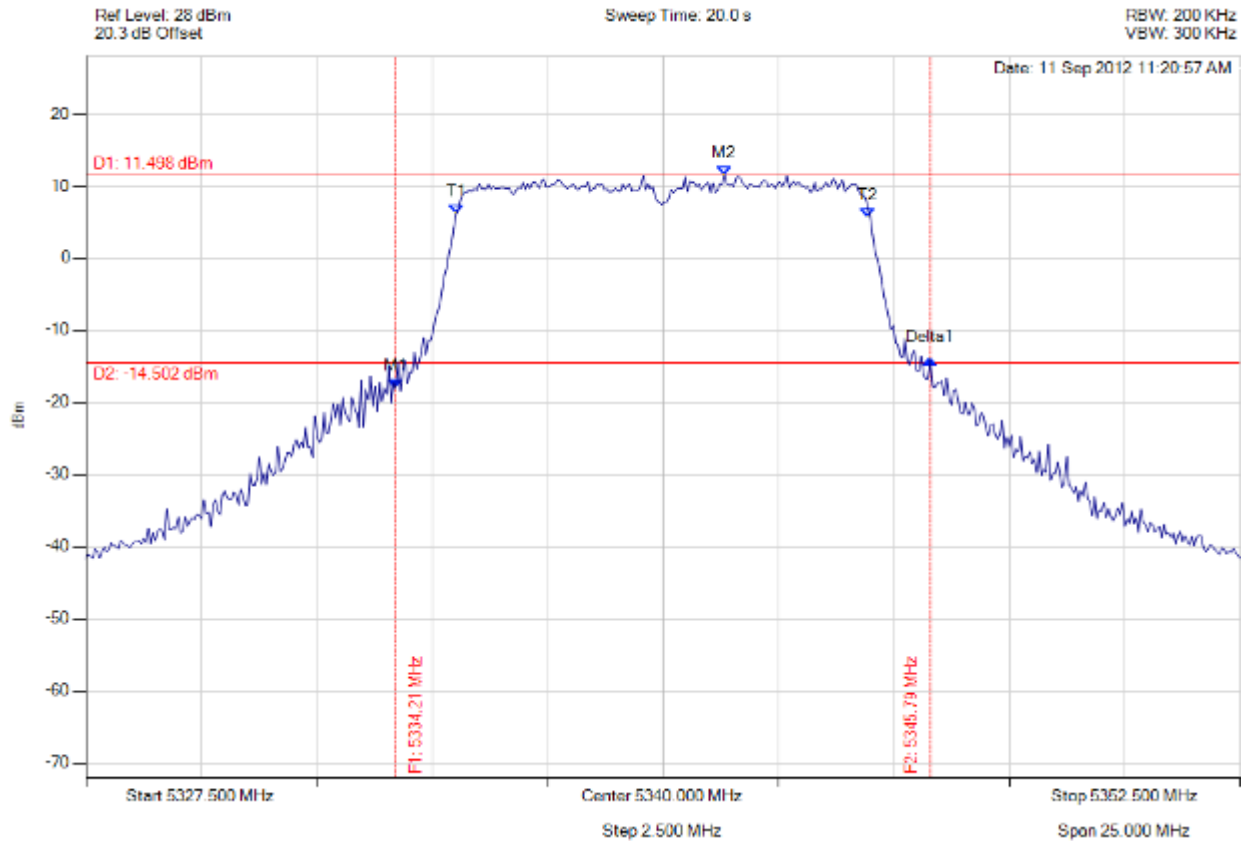
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



26 dB 99%

Variant: 10 MHz, Channel: 5340.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5334.213 MHz : -18.095 dBm M2 : 5341.328 MHz : 11.498 dBm Delta1 : 11.573 MHz : 3.976 dB T1 : 5335.516 MHz : 6.060 dBm T2 : 5344.434 MHz : 5.692 dBm OBW : 8.968 MHz	Measured 26 dB Bandwidth: 11.573 MHz Measured 99% Bandwidth: 8.968 MHz

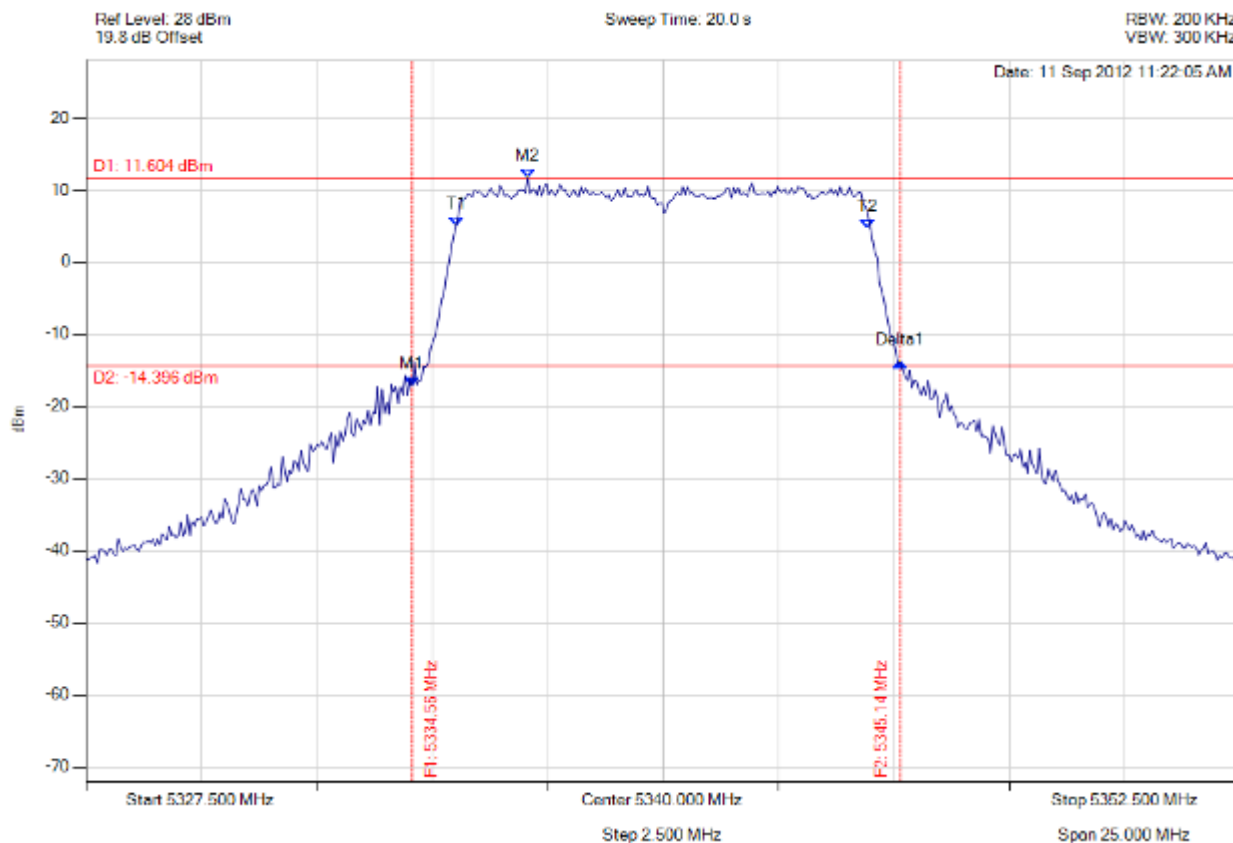
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



26 dB 99%

Variant: 10 MHz, Channel: 5340.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5334.564 MHz : -17.145 dBm M2 : 5337.069 MHz : 11.604 dBm Delta1 : 10.571 MHz : 3.254 dB T1 : 5335.516 MHz : 4.923 dBm T2 : 5344.434 MHz : 4.708 dBm OBW : 8.968 MHz	Measured 26 dB Bandwidth: 10.571 MHz Measured 99% Bandwidth: 8.968 MHz

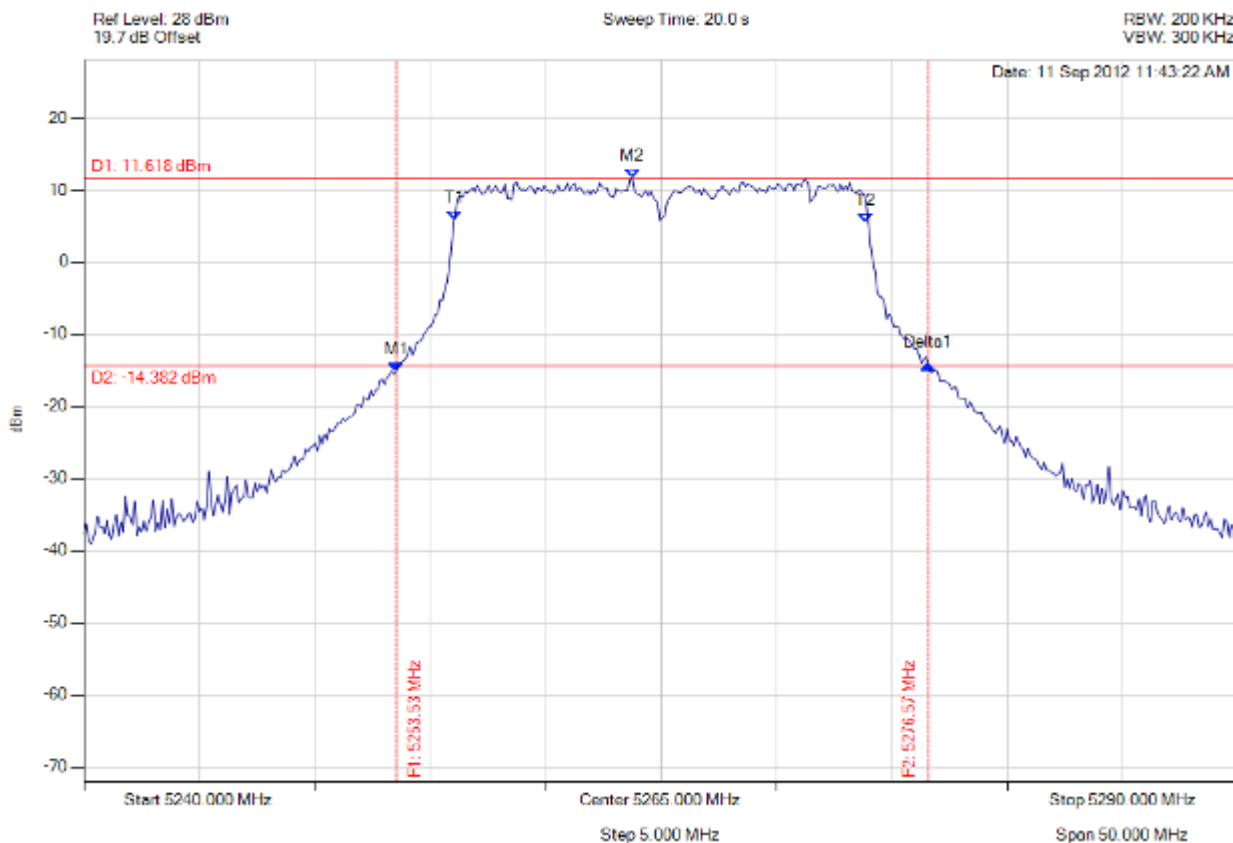
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



26 dB 99%

Variant: 20 MHz, Channel: 5265.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5253.527 MHz : -15.199 dBm M2 : 5263.747 MHz : 11.618 dBm Delta1 : 23.046 MHz : 1.023 dB T1 : 5256.032 MHz : 5.733 dBm T2 : 5273.868 MHz : 5.454 dBm OBW : 17.936 MHz	Measured 26 dB Bandwidth: 23.046 MHz Measured 99% Bandwidth: 17.936 MHz

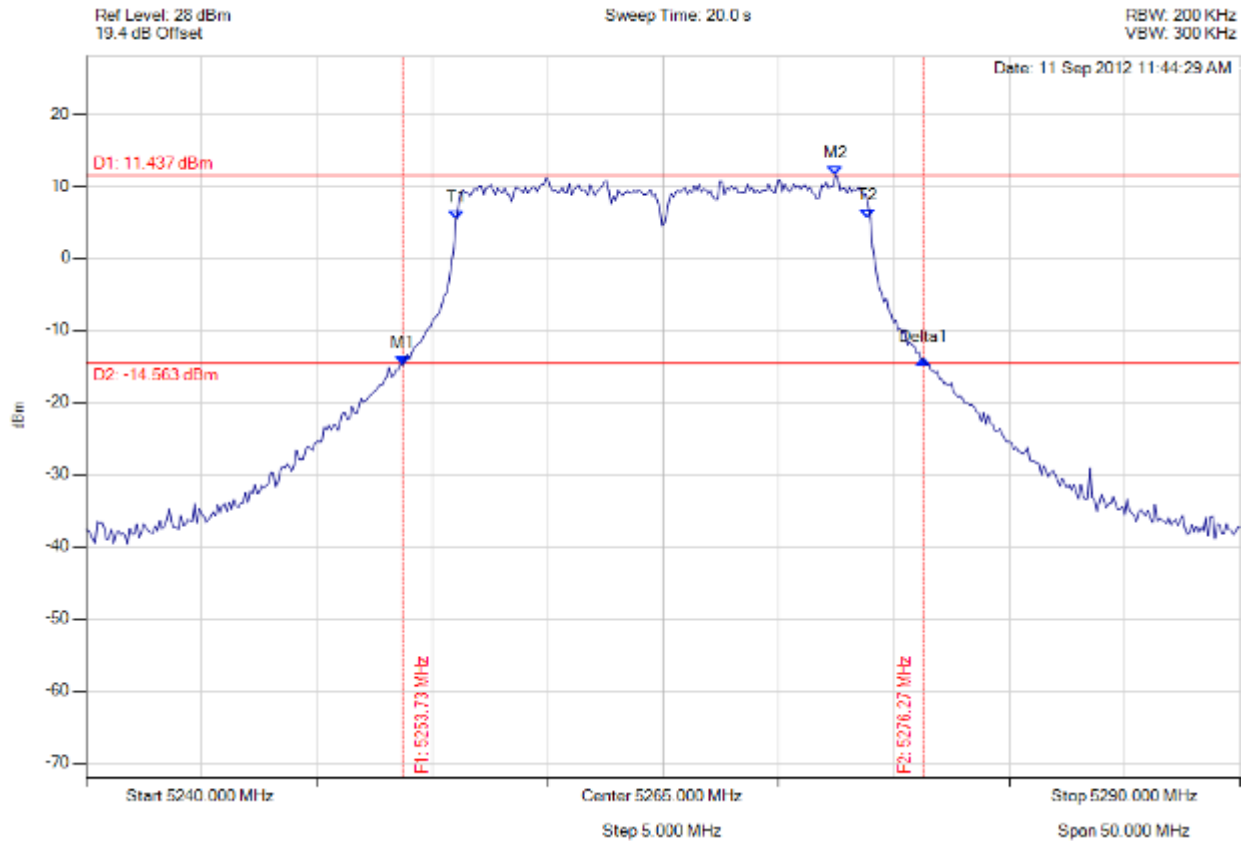
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



26 dB 99%

Variation: 20 MHz, Channel: 5265.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5253.727 MHz : -14.943 dBm M2 : 5272.465 MHz : 11.437 dBm Delta1 : 22.545 MHz : 0.903 dB T1 : 5256.032 MHz : 5.257 dBm T2 : 5273.868 MHz : 5.556 dBm OBW : 17.936 MHz	Measured 26 dB Bandwidth: 22.545 MHz Measured 99% Bandwidth: 17.936 MHz

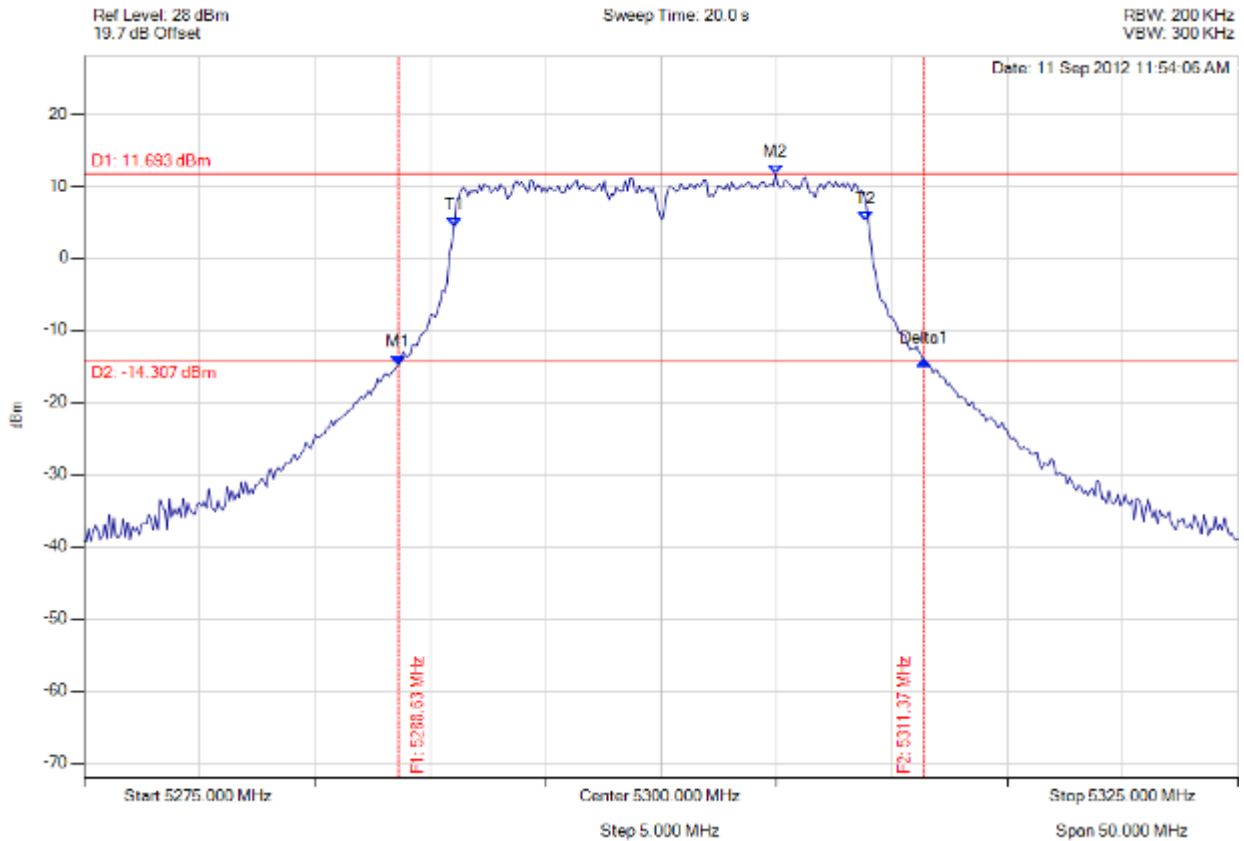
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



26 dB 99%

Variant: 20 MHz, Channel: 5300.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5288.627 MHz : -14.796 dBm M2 : 5304.960 MHz : 11.693 dBm Delta1 : 22.745 MHz : 0.639 dB T1 : 5291.032 MHz : 4.258 dBm T2 : 5308.868 MHz : 5.067 dBm OBW : 17.936 MHz	Measured 26 dB Bandwidth: 22.745 MHz Measured 99% Bandwidth: 17.936 MHz

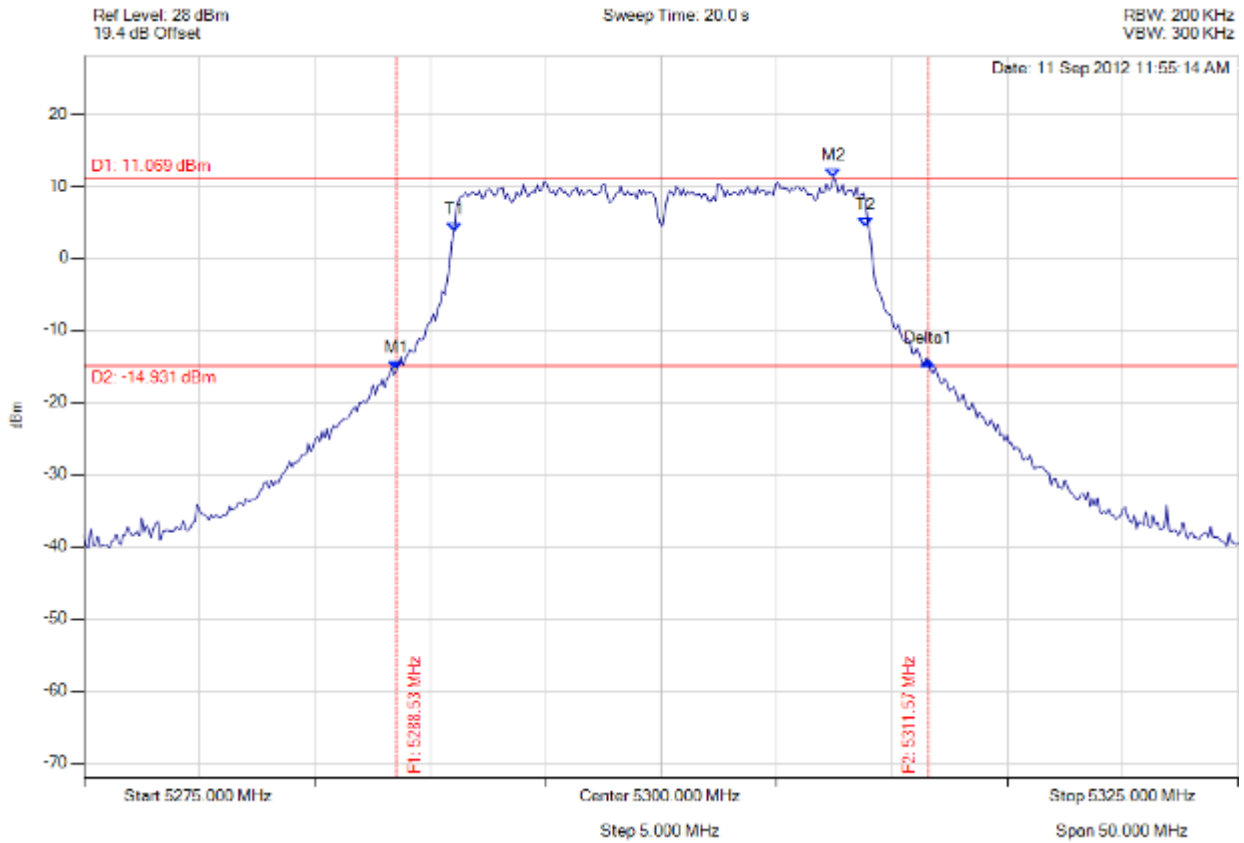
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



26 dB 99%

Variant: 20 MHz, Channel: 5300.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5288.527 MHz : -15.601 dBm M2 : 5307.465 MHz : 11.069 dBm Delta1 : 23.046 MHz : 1.452 dB T1 : 5291.032 MHz : 3.654 dBm T2 : 5308.868 MHz : 4.321 dBm OBW : 17.936 MHz	Measured 26 dB Bandwidth: 23.046 MHz Measured 99% Bandwidth: 17.936 MHz

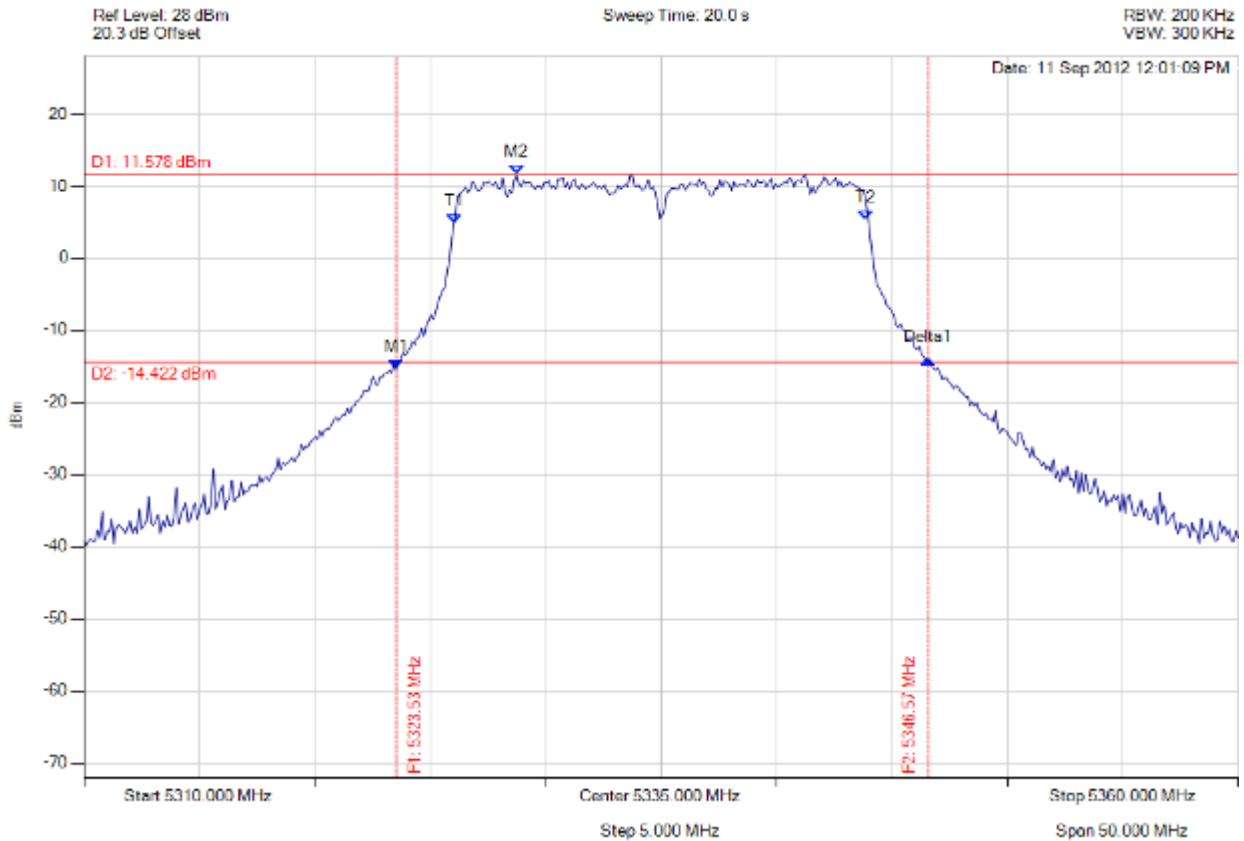
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



26 dB 99%

Variant: 20 MHz, Channel: 5335.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5323.527 MHz : -15.449 dBm M2 : 5328.737 MHz : 11.578 dBm Delta1 : 23.046 MHz : 1.373 dB T1 : 5326.032 MHz : 4.874 dBm T2 : 5343.868 MHz : 5.371 dBm OBW : 17.936 MHz	Measured 26 dB Bandwidth: 23.046 MHz Measured 99% Bandwidth: 17.936 MHz

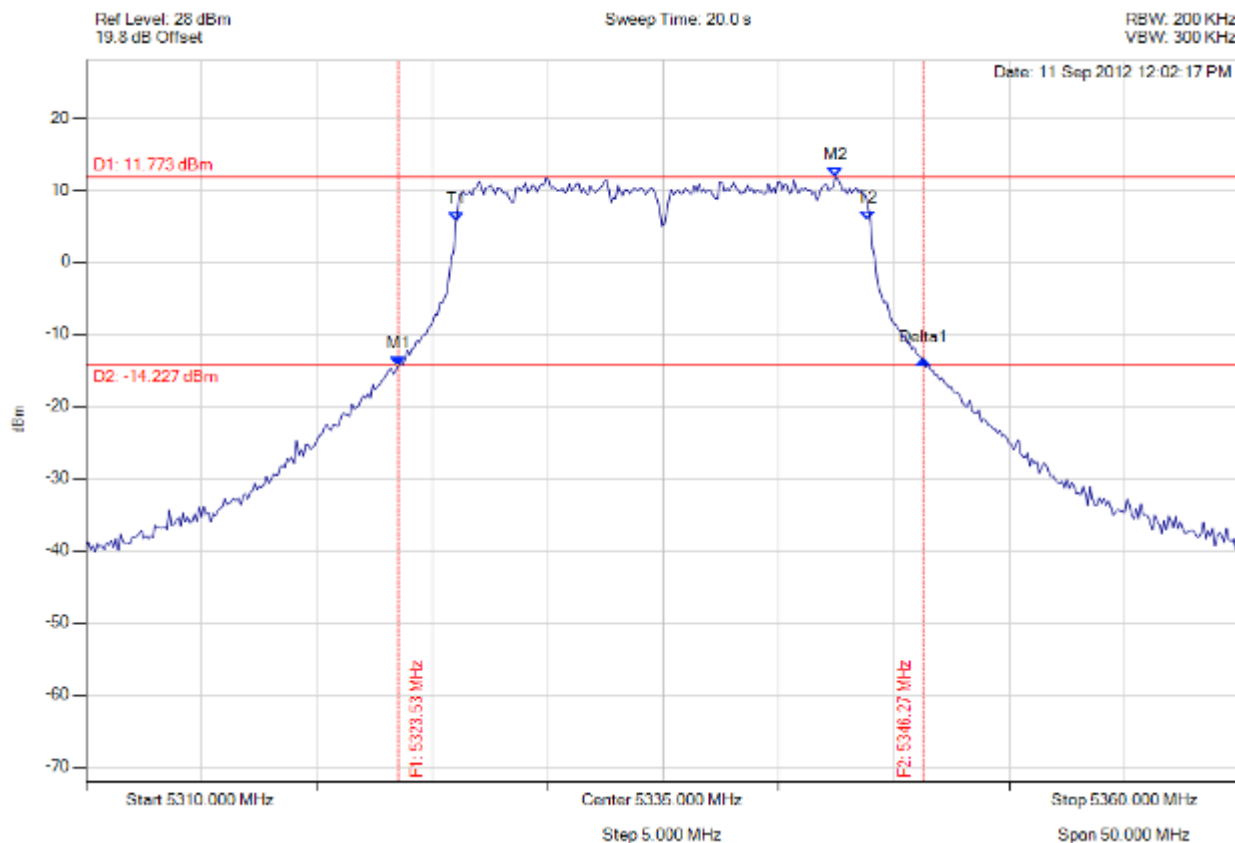
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



26 dB 99%

Variant: 20 MHz, Channel: 5335.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5323.527 MHz : -14.308 dBm M2 : 5342.465 MHz : 11.773 dBm Delta1 : 22.745 MHz : 0.799 dB T1 : 5326.032 MHz : 5.653 dBm T2 : 5343.868 MHz : 5.848 dBm OBW : 17.936 MHz	Measured 26 dB Bandwidth: 22.745 MHz Measured 99% Bandwidth: 17.936 MHz

[Back to the Matrix](#)

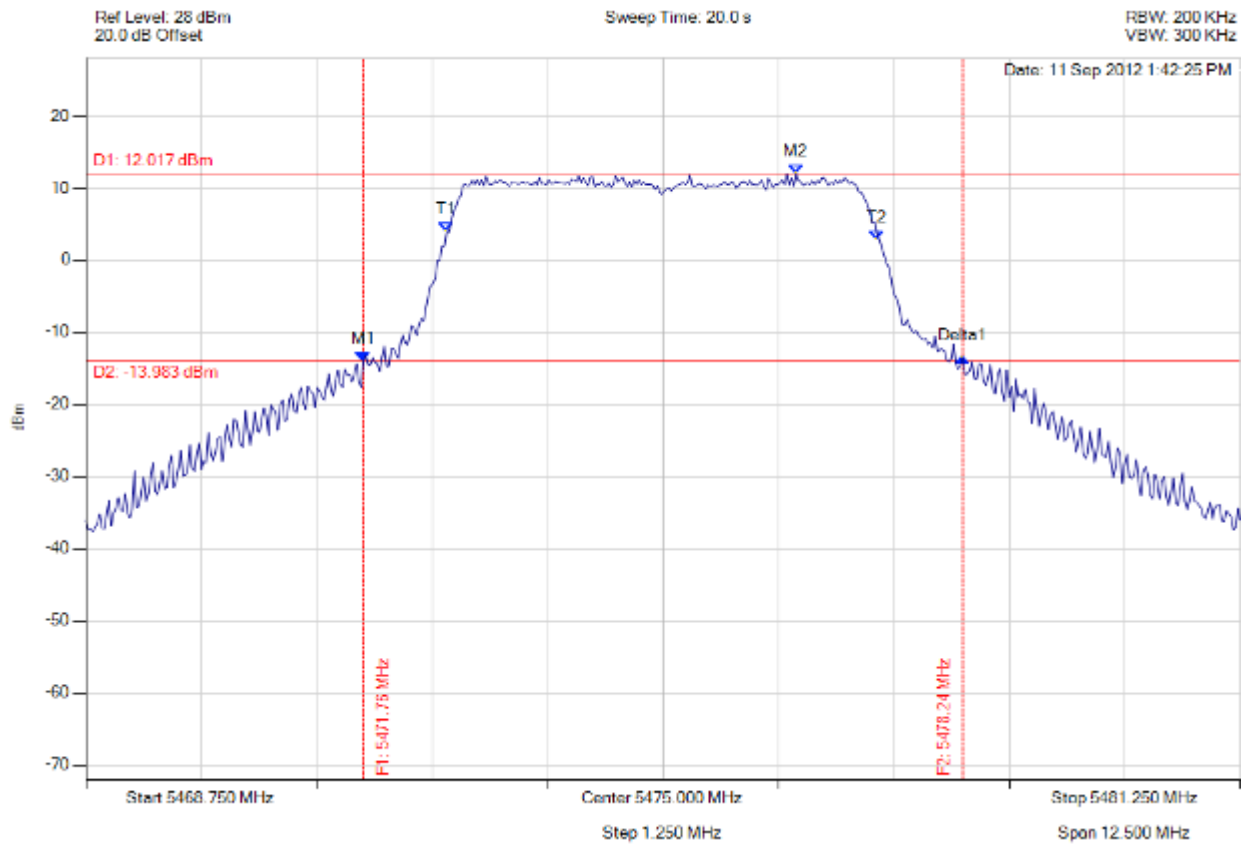
This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.

5470 – 5725 MHz



26 dB 99%

Variant: 5 MHz, Channel: 5475.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5471.756 MHz : -13.991 dBm M2 : 5476.440 MHz : 12.017 dBm Delta1 : 6.488 MHz : 0.437 dB T1 : 5472.658 MHz : 4.014 dBm T2 : 5477.317 MHz : 2.859 dBm OBW : 4.684 MHz	Measured 26 dB Bandwidth: 6.488 MHz Measured 99% Bandwidth: 4.684 MHz

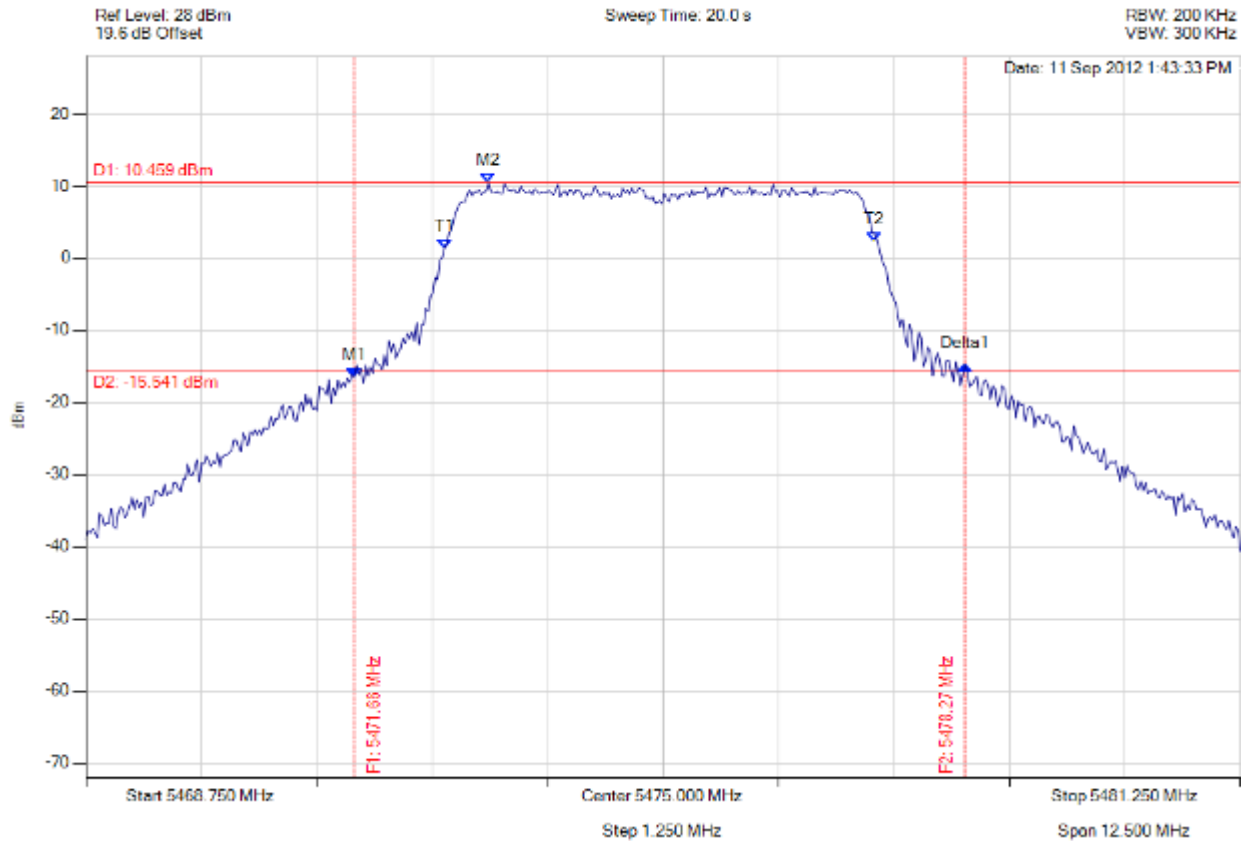
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



26 dB 99%

Variant: 5 MHz, Channel: 5475.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5471.656 MHz : -16.618 dBm M2 : 5473.109 MHz : 10.459 dBm Delta1 : 6.613 MHz : 1.753 dB T1 : 5472.633 MHz : 1.329 dBm T2 : 5477.292 MHz : 2.367 dBm OBW : 4.684 MHz	Measured 26 dB Bandwidth: 6.613 MHz Measured 99% Bandwidth: 4.684 MHz

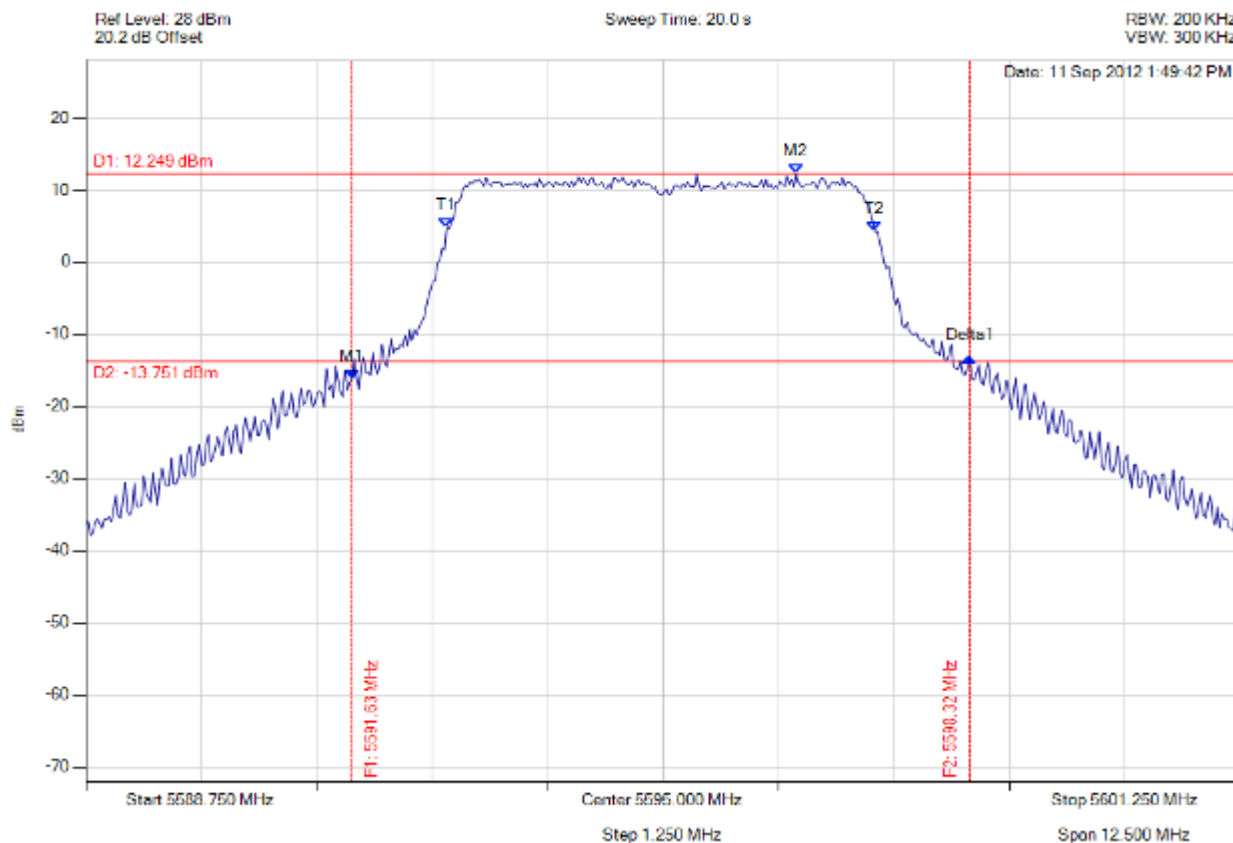
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



26 dB 99%

Variant: 5 MHz, Channel: 5595.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5591.631 MHz : -16.185 dBm M2 : 5596.440 MHz : 12.249 dBm Delta1 : 6.688 MHz : 2.949 dB T1 : 5592.658 MHz : 4.834 dBm T2 : 5597.292 MHz : 4.262 dBm OBW : 4.659 MHz	Measured 26 dB Bandwidth: 6.688 MHz Measured 99% Bandwidth: 4.659 MHz

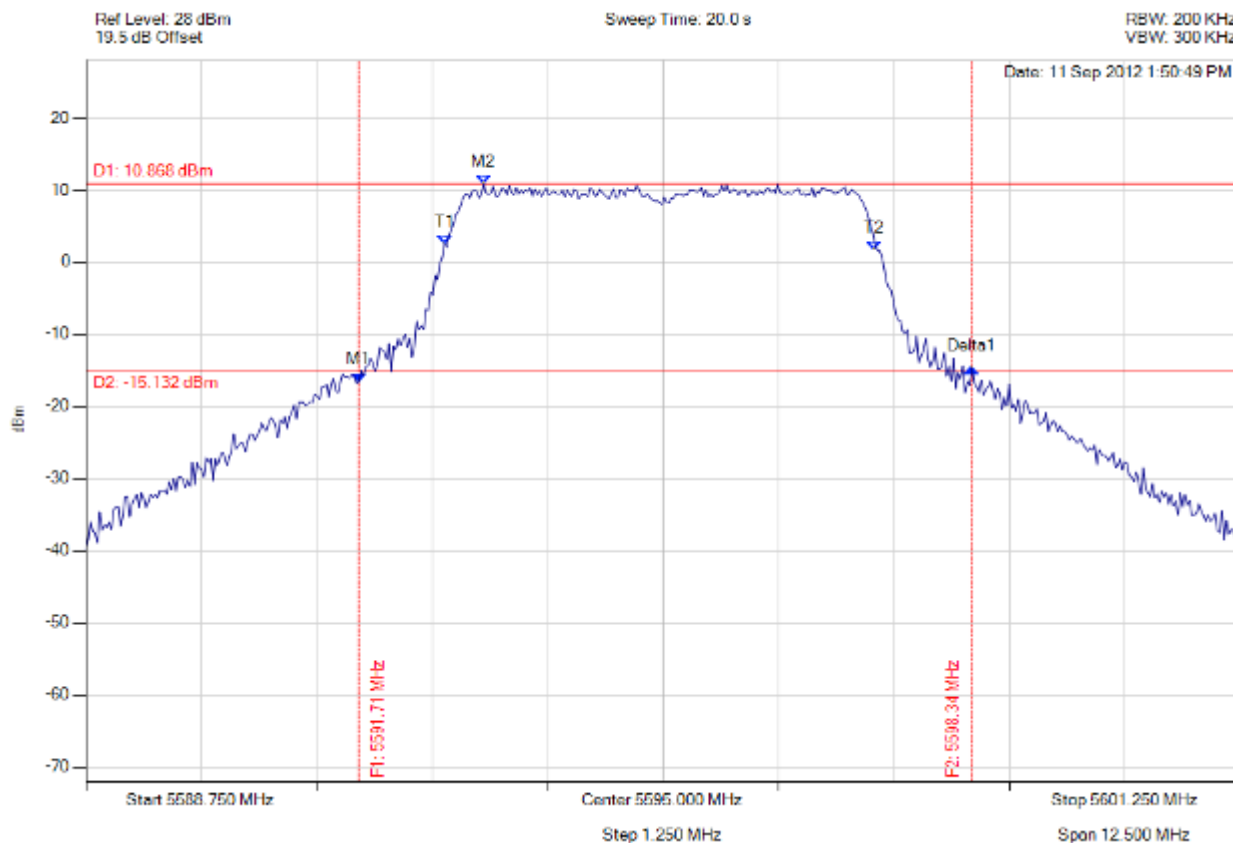
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



26 dB 99%

Variant: 5 MHz, Channel: 5595.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5591.706 MHz : -16.631 dBm M2 : 5593.059 MHz : 10.868 dBm Delta1 : 6.638 MHz : 1.924 dB T1 : 5592.633 MHz : 2.538 dBm T2 : 5597.292 MHz : 1.671 dBm OBW : 4.684 MHz	Measured 26 dB Bandwidth: 6.638 MHz Measured 99% Bandwidth: 4.684 MHz

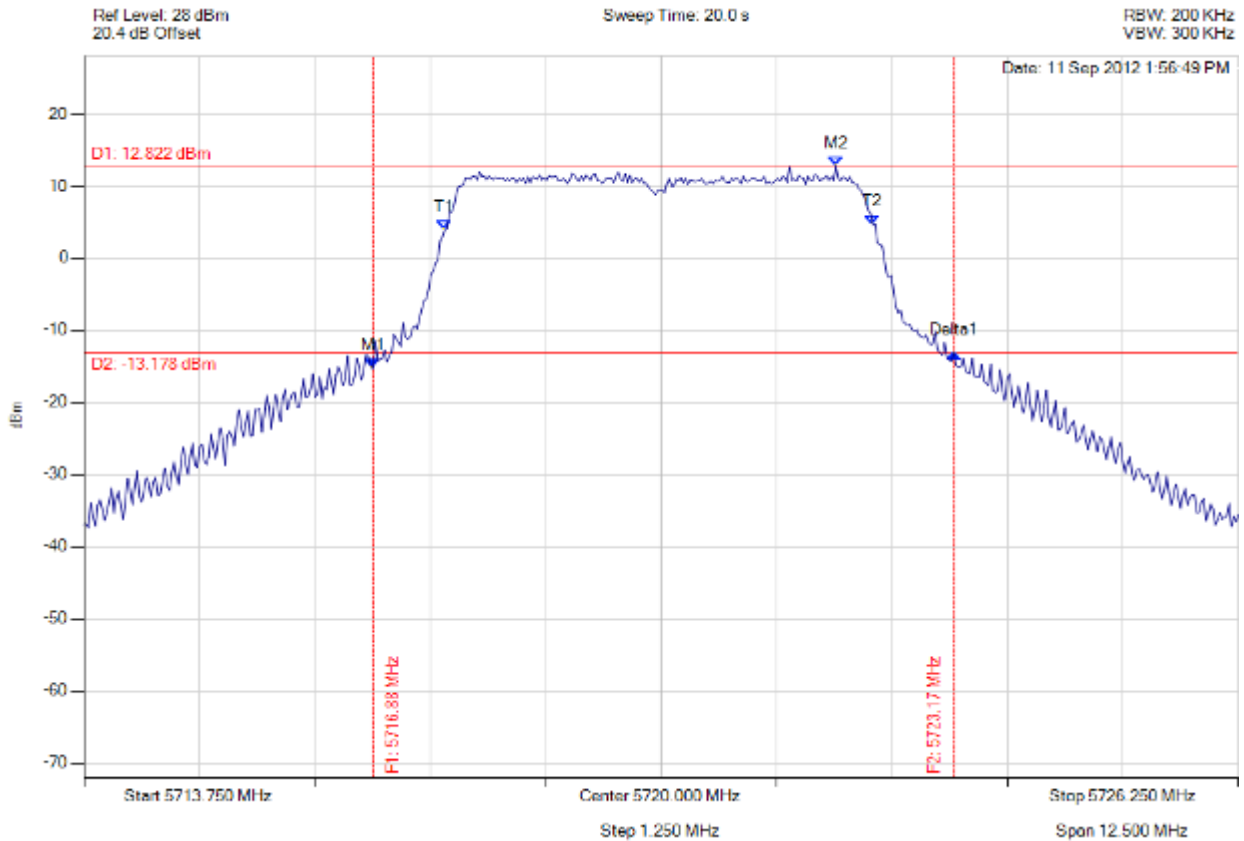
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



26 dB 99%

Variant: 5 MHz, Channel: 5720.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5716.881 MHz : -15.272 dBm M2 : 5721.891 MHz : 12.822 dBm Delta1 : 6.288 MHz : 2.144 dB T1 : 5717.658 MHz : 3.927 dBm T2 : 5722.292 MHz : 4.720 dBm OBW : 4.659 MHz	Measured 26 dB Bandwidth: 6.288 MHz Measured 99% Bandwidth: 4.659 MHz

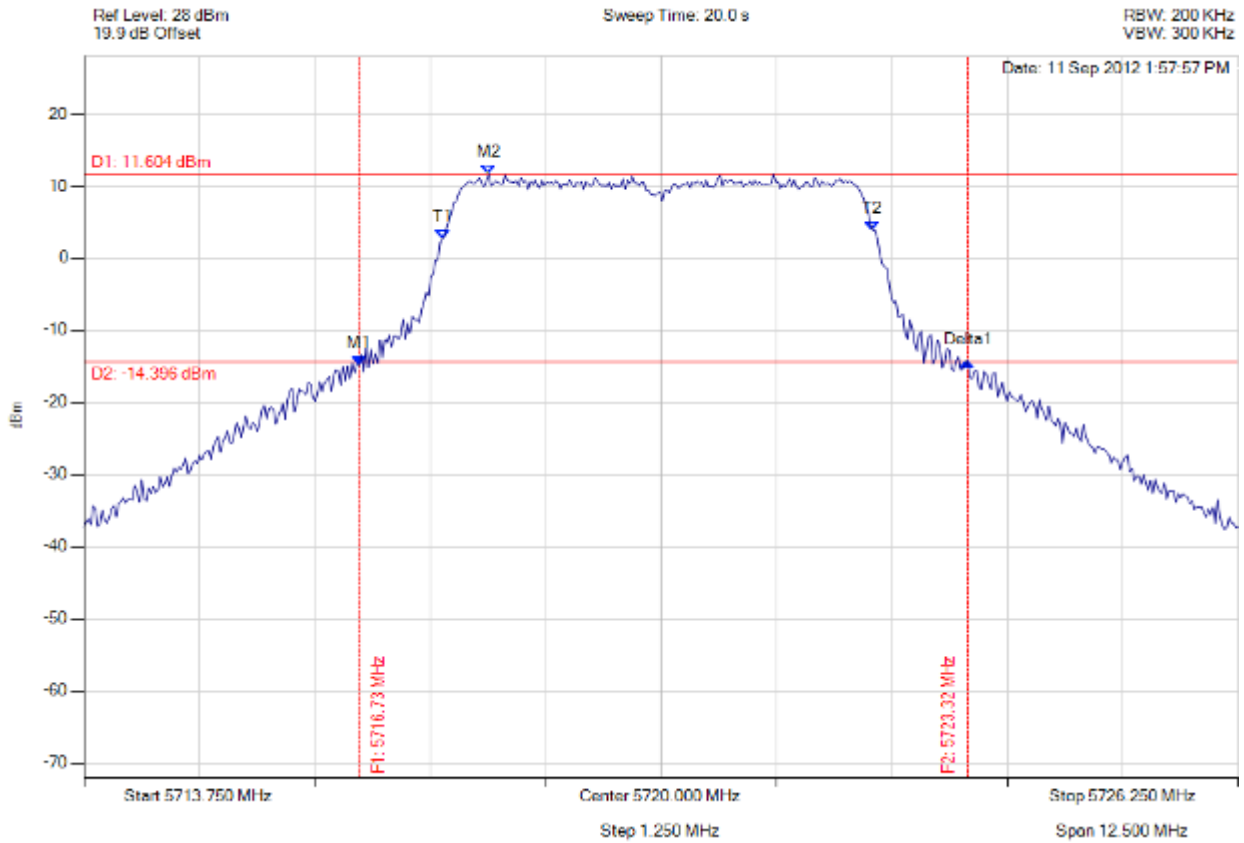
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



26 dB 99%

Variant: 5 MHz, Channel: 5720.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5716.731 MHz : -14.938 dBm M2 : 5718.134 MHz : 11.604 dBm Delta1 : 6.588 MHz : 0.590 dB T1 : 5717.633 MHz : 2.666 dBm T2 : 5722.292 MHz : 3.778 dBm OBW : 4.684 MHz	Measured 26 dB Bandwidth: 6.588 MHz Measured 99% Bandwidth: 4.684 MHz

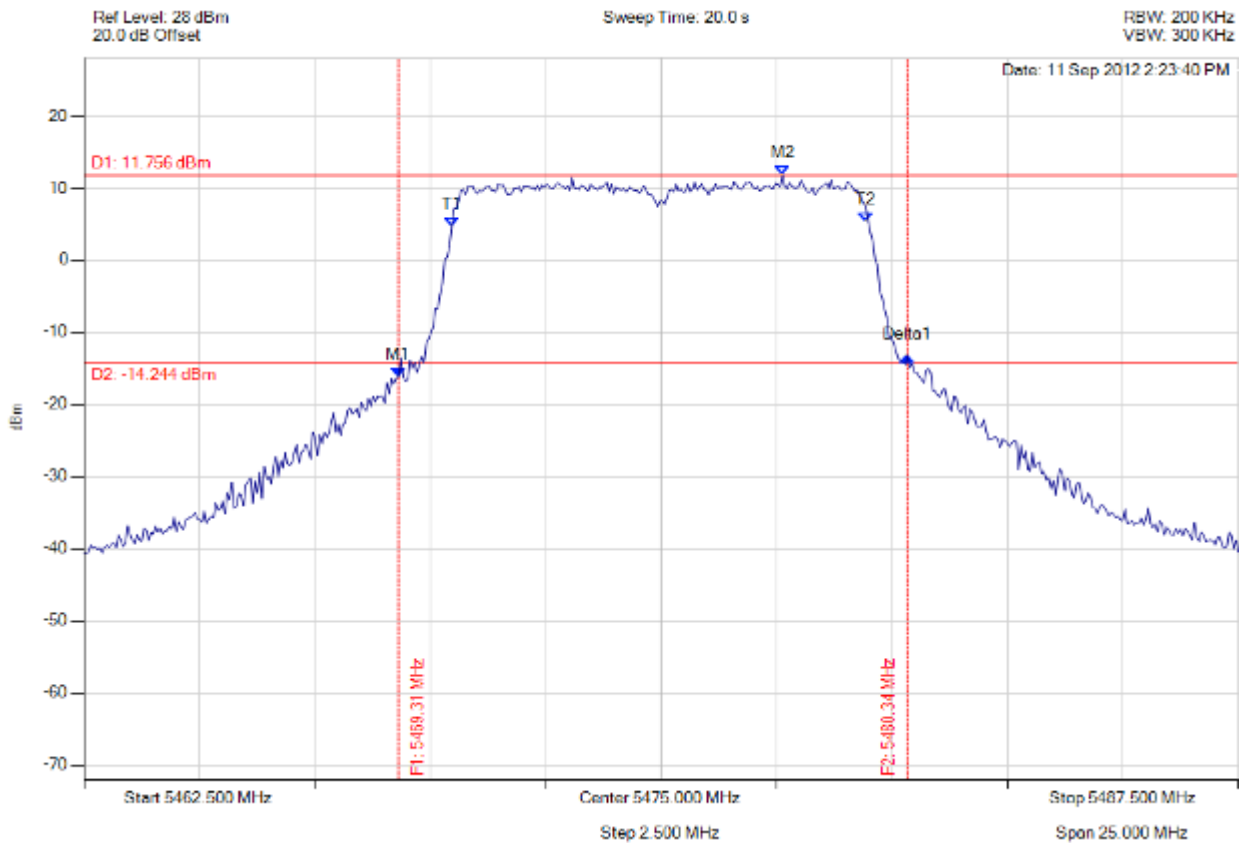
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



26 dB 99%

Variant: 10 MHz, Channel: 5475.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



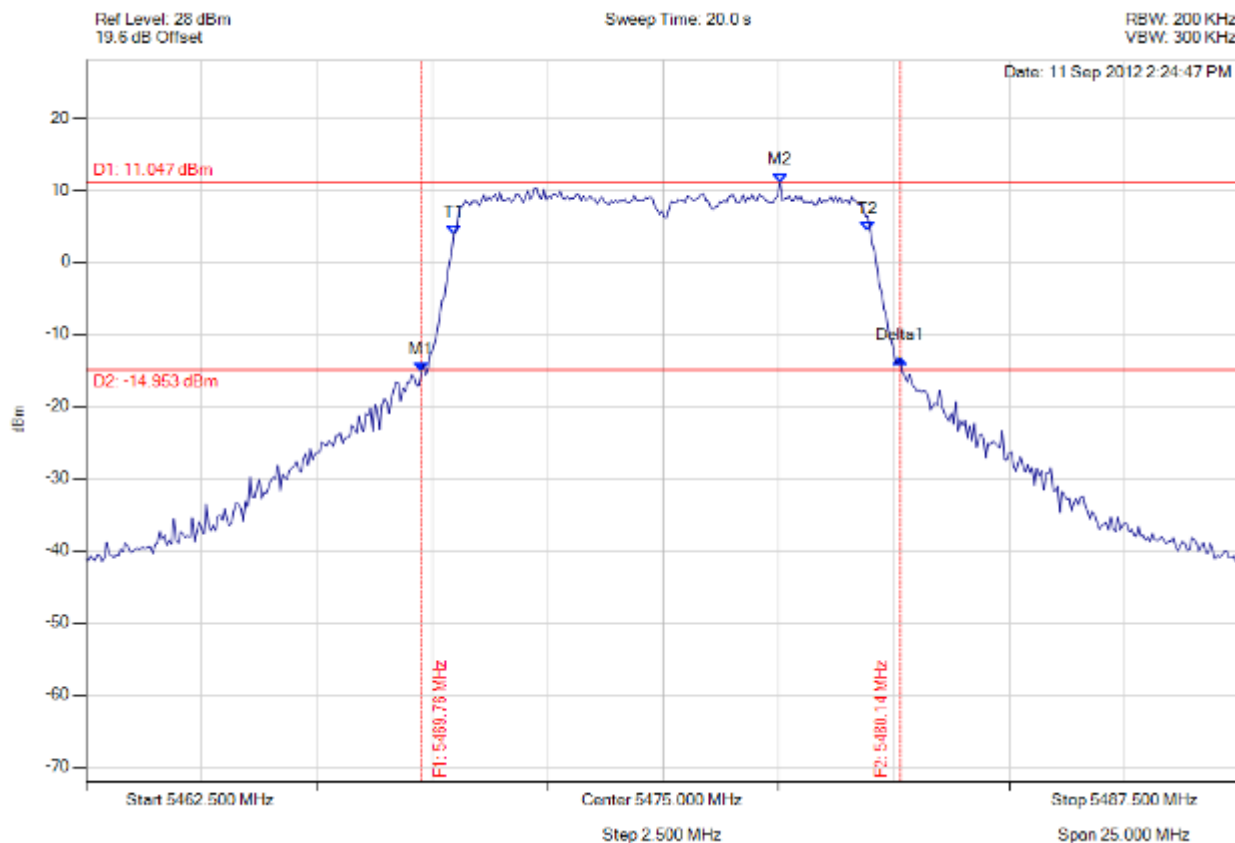
Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5469.314 MHz : -16.191 dBm M2 : 5477.630 MHz : 11.756 dBm Delta1 : 11.022 MHz : 2.792 dB T1 : 5470.466 MHz : 4.632 dBm T2 : 5479.434 MHz : 5.344 dBm OBW : 9.018 MHz	Measured 26 dB Bandwidth: 11.022 MHz Measured 99% Bandwidth: 9.018 MHz

[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.

26 dB 99%

Variant: 10 MHz, Channel: 5475.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



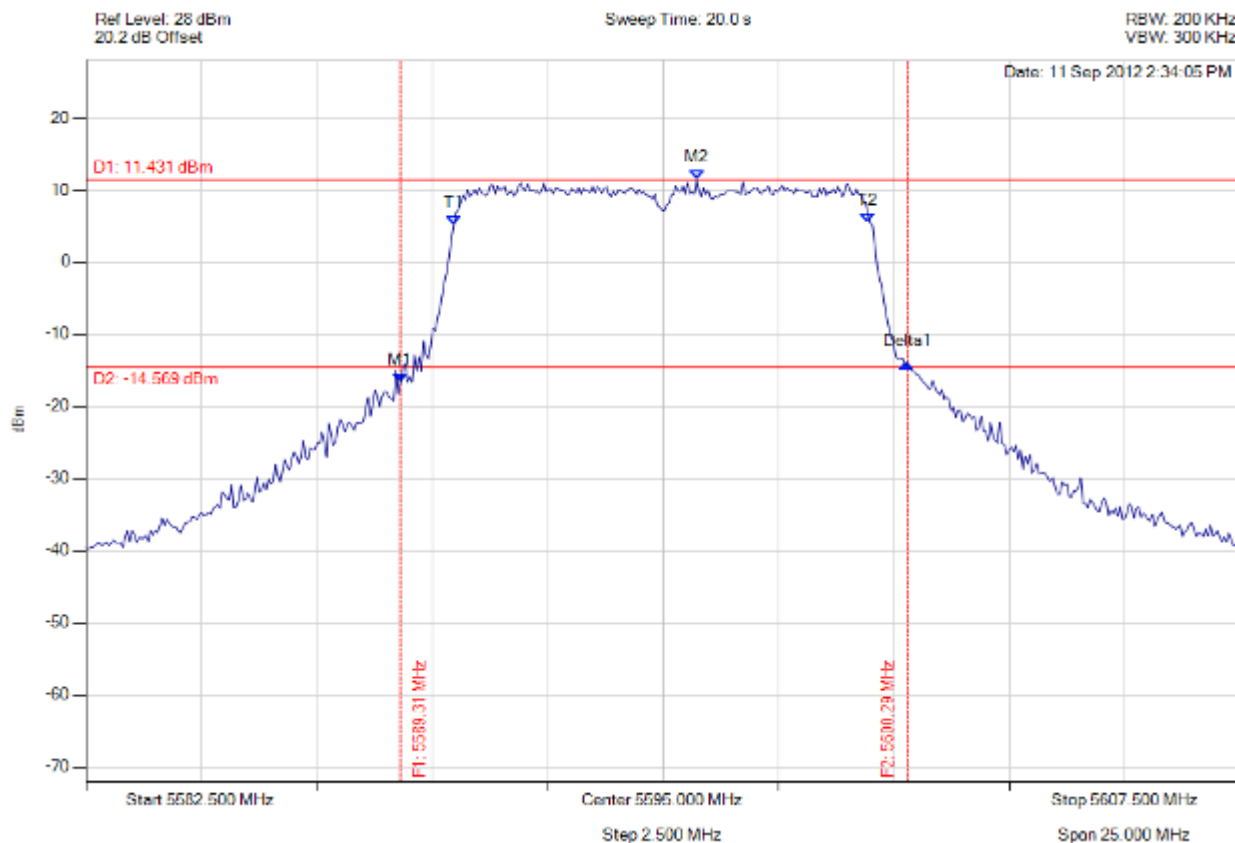
Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5469.765 MHz : -15.288 dBm M2 : 5477.530 MHz : 11.047 dBm Delta1 : 10.371 MHz : 1.993 dB T1 : 5470.466 MHz : 3.874 dBm T2 : 5479.434 MHz : 4.354 dBm OBW : 9.018 MHz	Measured 26 dB Bandwidth: 10.371 MHz Measured 99% Bandwidth: 9.018 MHz

[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.

26 dB 99%

Variant: 10 MHz, Channel: 5595.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5589.314 MHz : -16.751 dBm M2 : 5595.726 MHz : 11.431 dBm Delta1 : 10.972 MHz : 2.741 dB T1 : 5590.466 MHz : 5.200 dBm T2 : 5599.434 MHz : 5.442 dBm OBW : 9.018 MHz	Measured 26 dB Bandwidth: 10.972 MHz Measured 99% Bandwidth: 9.018 MHz

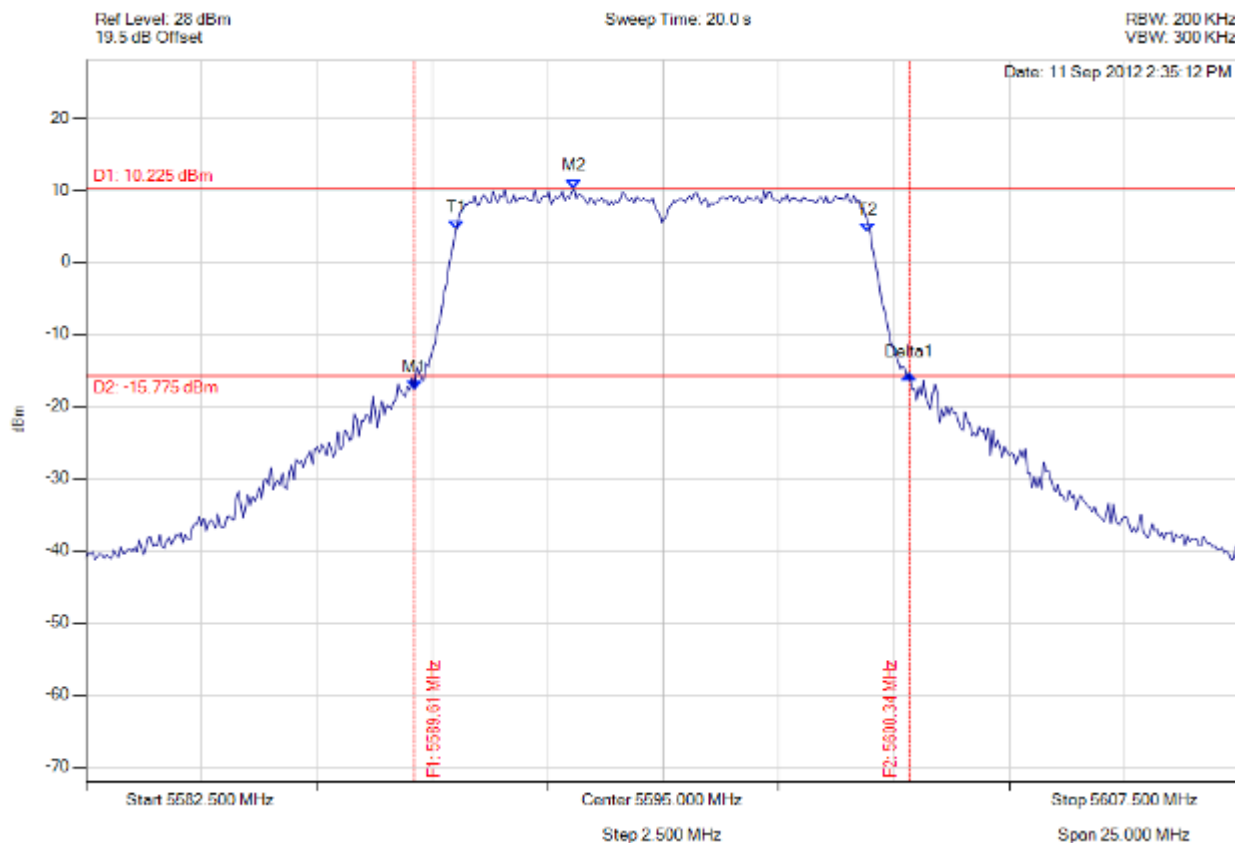
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



26 dB 99%

Variant: 10 MHz, Channel: 5595.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5589.614 MHz : -17.694 dBm M2 : 5593.071 MHz : 10.225 dBm Delta1 : 10.721 MHz : 2.078 dB T1 : 5590.516 MHz : 4.402 dBm T2 : 5599.434 MHz : 4.167 dBm OBW : 8.968 MHz	Measured 26 dB Bandwidth: 10.721 MHz Measured 99% Bandwidth: 8.968 MHz

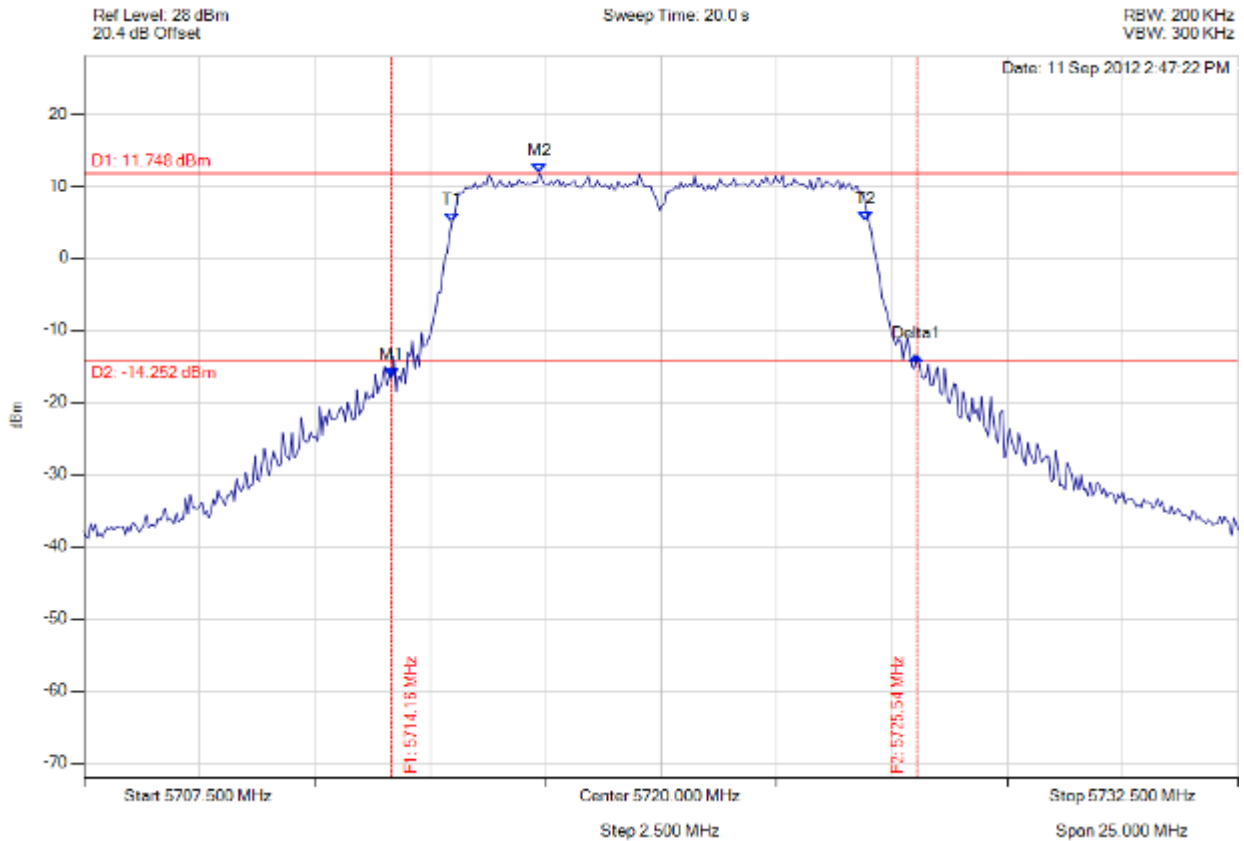
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



26 dB 99%

Variant: 10 MHz, Channel: 5720.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5714.163 MHz : -16.620 dBm M2 : 5717.370 MHz : 11.748 dBm Delta1 : 11.373 MHz : 3.126 dB T1 : 5715.466 MHz : 4.923 dBm T2 : 5724.434 MHz : 5.171 dBm OBW : 9.018 MHz	Measured 26 dB Bandwidth: 11.373 MHz Measured 99% Bandwidth: 9.018 MHz

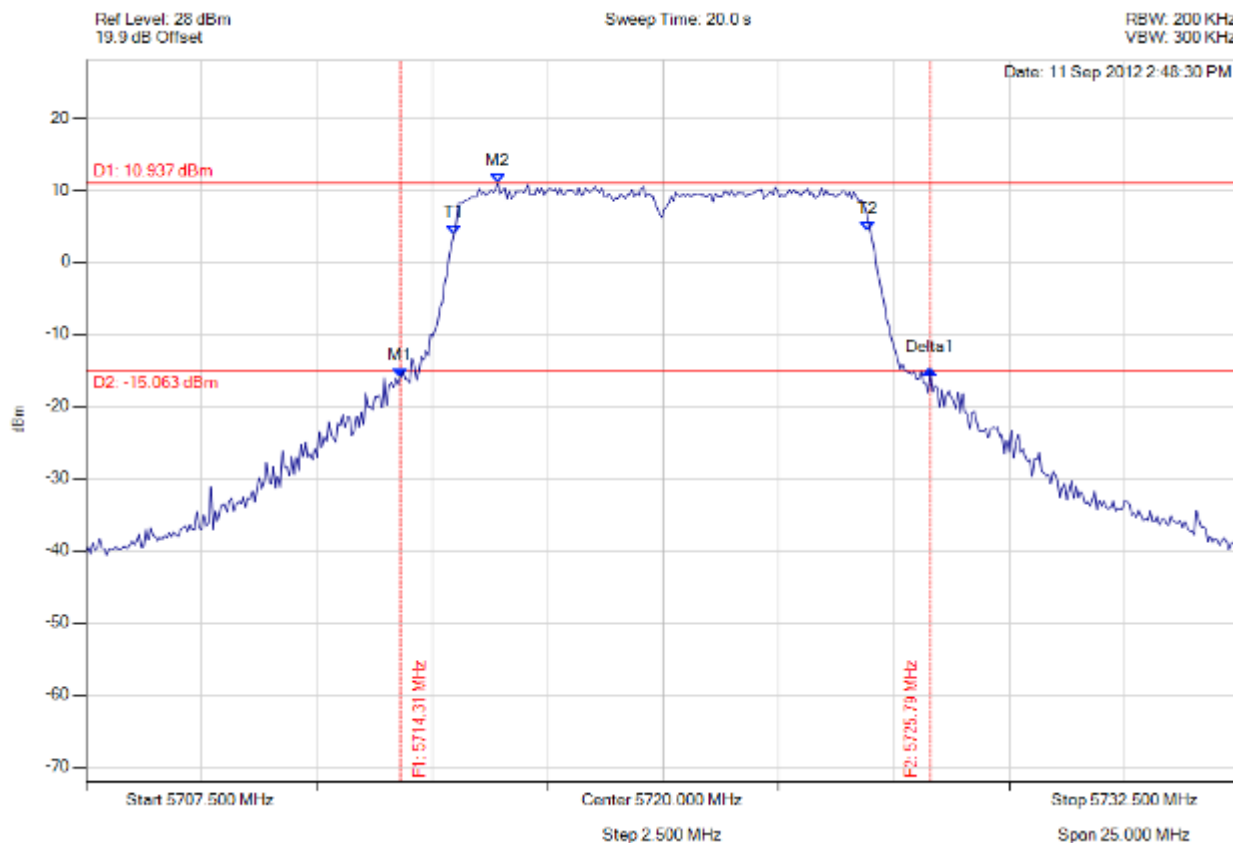
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



26 dB 99%

Variant: 10 MHz, Channel: 5720.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5714.314 MHz : -15.986 dBm M2 : 5716.418 MHz : 10.937 dBm Delta1 : 11.473 MHz : 1.037 dB T1 : 5715.466 MHz : 3.788 dBm T2 : 5724.434 MHz : 4.272 dBm OBW : 9.018 MHz	Measured 26 dB Bandwidth: 11.473 MHz Measured 99% Bandwidth: 9.018 MHz

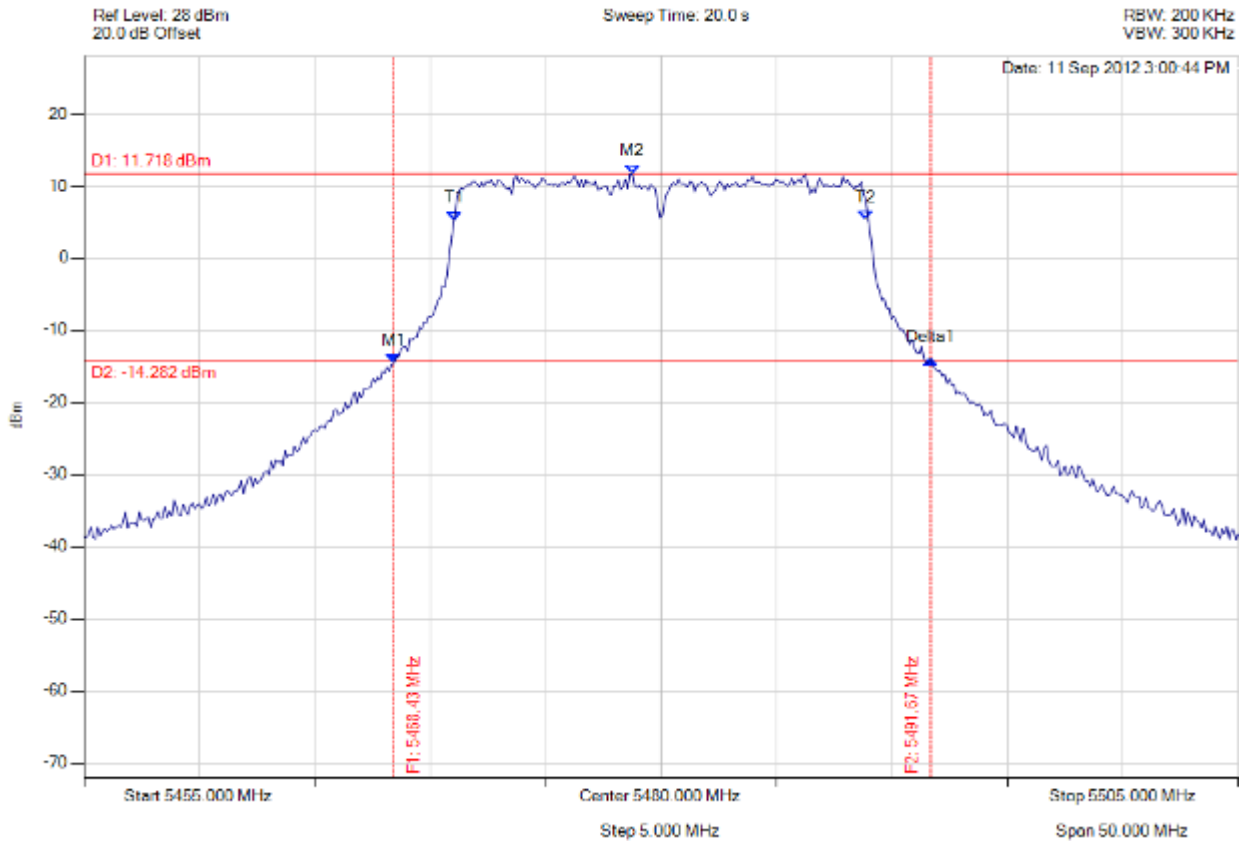
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



26 dB 99%

Variant: 20 MHz, Channel: 5480.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5468.427 MHz : -14.621 dBm M2 : 5478.747 MHz : 11.718 dBm Delta1 : 23.246 MHz : 0.618 dB T1 : 5471.032 MHz : 5.214 dBm T2 : 5488.868 MHz : 5.230 dBm OBW : 17.936 MHz	Measured 26 dB Bandwidth: 23.246 MHz Measured 99% Bandwidth: 17.936 MHz

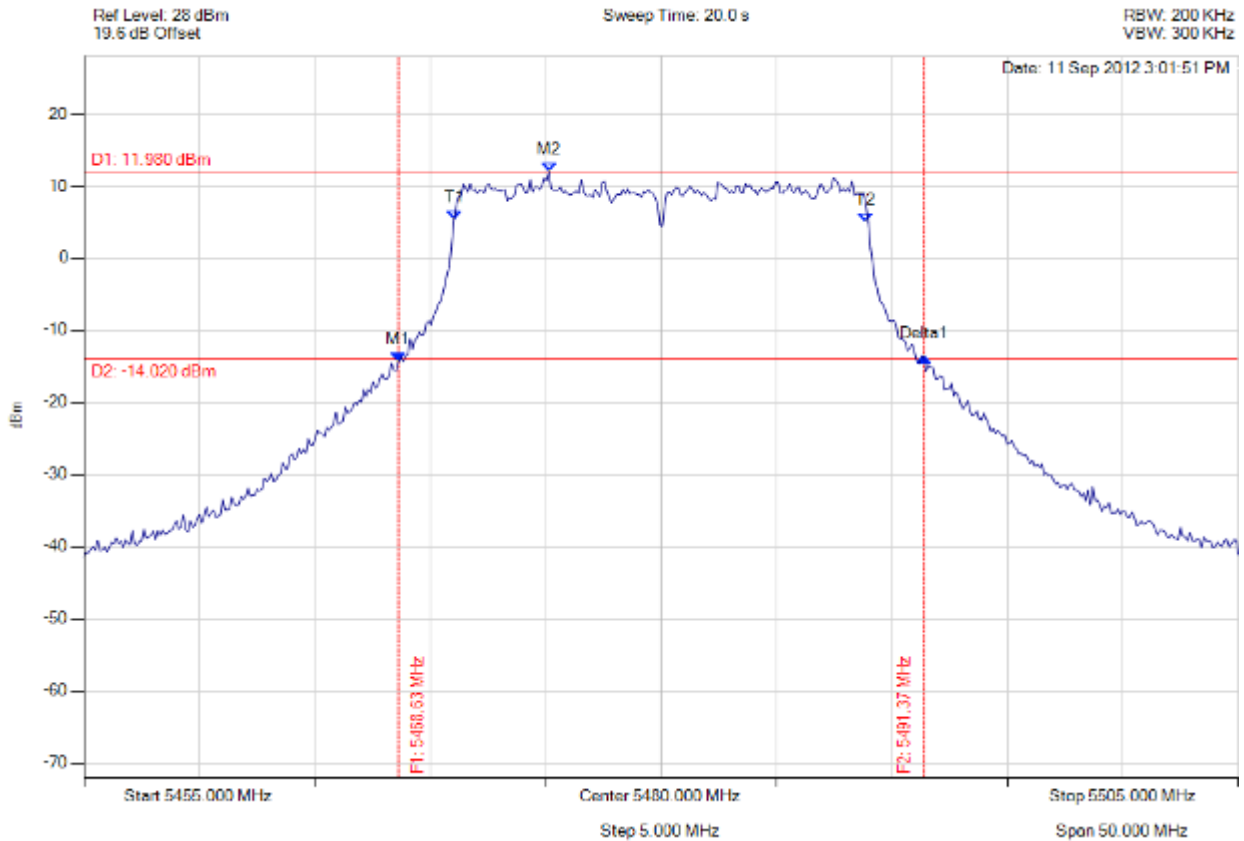
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



26 dB 99%

Variant: 20 MHz, Channel: 5480.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5468.627 MHz : -14.365 dBm M2 : 5475.140 MHz : 11.980 dBm Delta1 : 22.745 MHz : 0.738 dB T1 : 5471.032 MHz : 5.271 dBm T2 : 5488.868 MHz : 5.009 dBm OBW : 17.936 MHz	Measured 26 dB Bandwidth: 22.745 MHz Measured 99% Bandwidth: 17.936 MHz

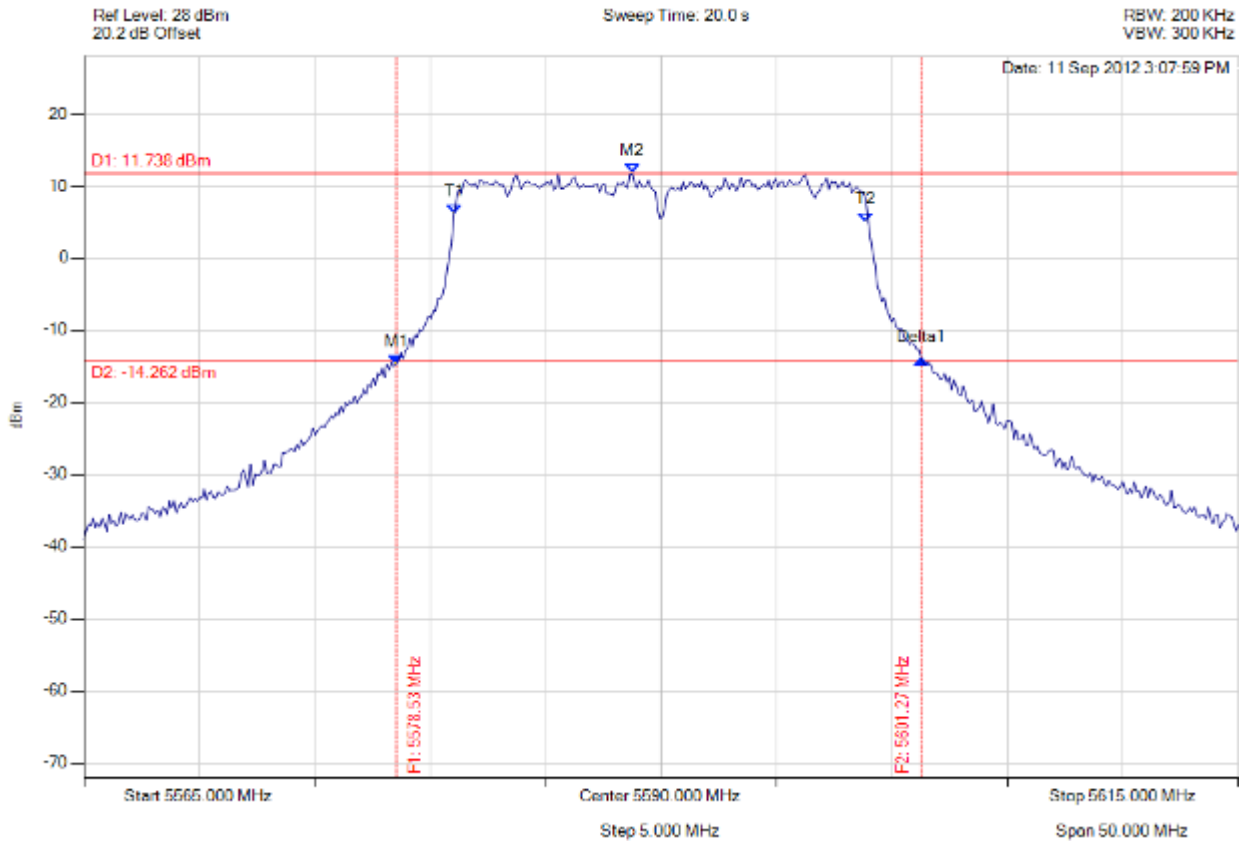
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



26 dB 99%

Variant: 20 MHz, Channel: 5590.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5578.527 MHz : -14.723 dBm M2 : 5588.747 MHz : 11.738 dBm Delta1 : 22.745 MHz : 0.641 dB T1 : 5581.032 MHz : 6.127 dBm T2 : 5598.868 MHz : 5.055 dBm OBW : 17.936 MHz	Measured 26 dB Bandwidth: 22.745 MHz Measured 99% Bandwidth: 17.936 MHz

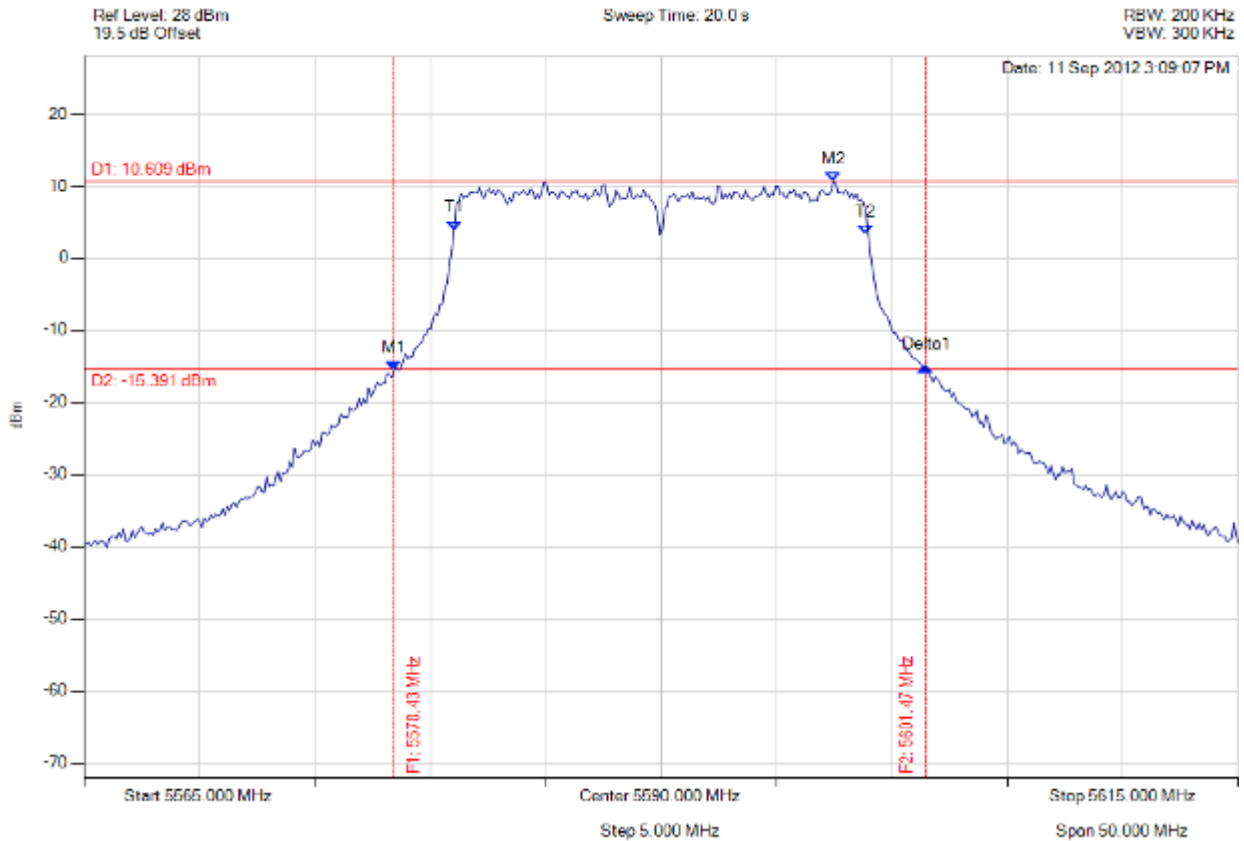
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



26 dB 99%

Variant: 20 MHz, Channel: 5590.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5578.427 MHz : -15.604 dBm M2 : 5597.465 MHz : 10.609 dBm Delta1 : 23.046 MHz : 0.596 dB T1 : 5581.032 MHz : 3.876 dBm T2 : 5598.868 MHz : 3.270 dBm OBW : 17.936 MHz	Measured 26 dB Bandwidth: 23.046 MHz Measured 99% Bandwidth: 17.936 MHz

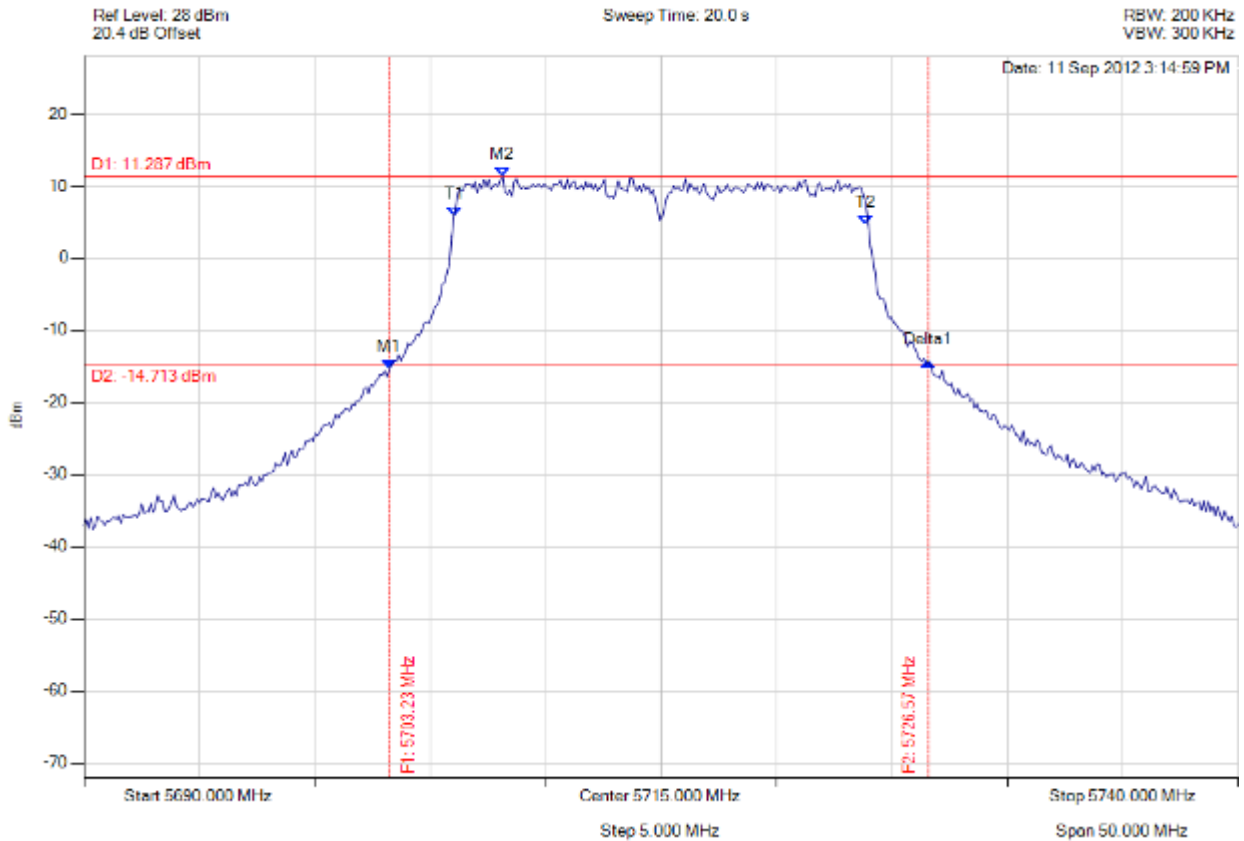
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



26 dB 99%

Variant: 20 MHz, Channel: 5715.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5703.226 MHz : -15.445 dBm M2 : 5708.136 MHz : 11.287 dBm Delta1 : 23.347 MHz : 1.058 dB T1 : 5706.032 MHz : 5.846 dBm T2 : 5723.868 MHz : 4.612 dBm OBW : 17.936 MHz	Measured 26 dB Bandwidth: 23.347 MHz Measured 99% Bandwidth: 17.936 MHz

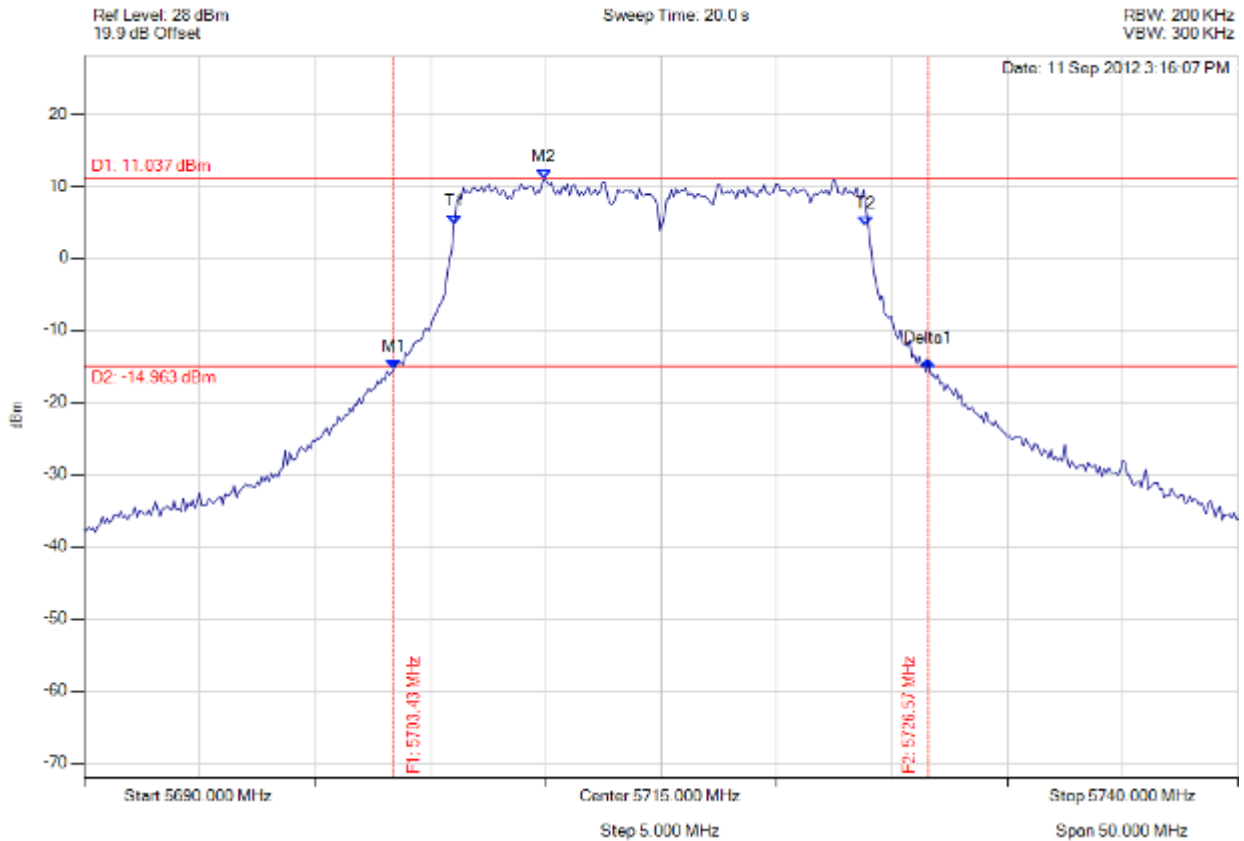
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



26 dB 99%

Variants: 20 MHz, Channel: 5715.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = MAX PEAK Sweep Count = 0 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5703.427 MHz : -15.445 dBm M2 : 5709.940 MHz : 11.037 dBm Delta1 : 23.146 MHz : 1.232 dB T1 : 5706.032 MHz : 4.710 dBm T2 : 5723.868 MHz : 4.413 dBm OBW : 17.936 MHz	Measured 26 dB Bandwidth: 23.146 MHz Measured 99% Bandwidth: 17.936 MHz

[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



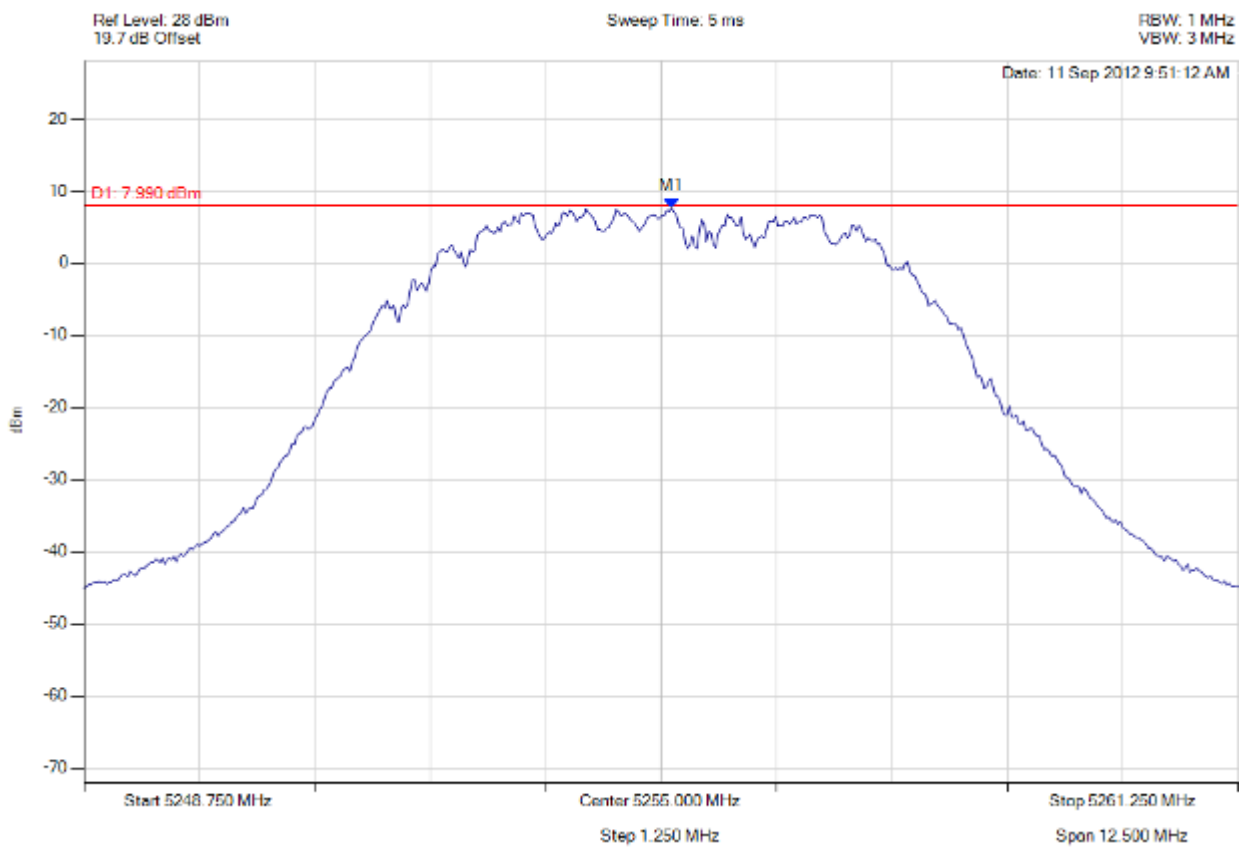
A.1.2. Peak Power Spectral Density

5250 – 5350 MHz



power density

Variant: 5 MHz, Channel: 5255.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5255.113 MHz : 7.675 dBm	Limit: 4.990 dBm Margin: 2.69 dB

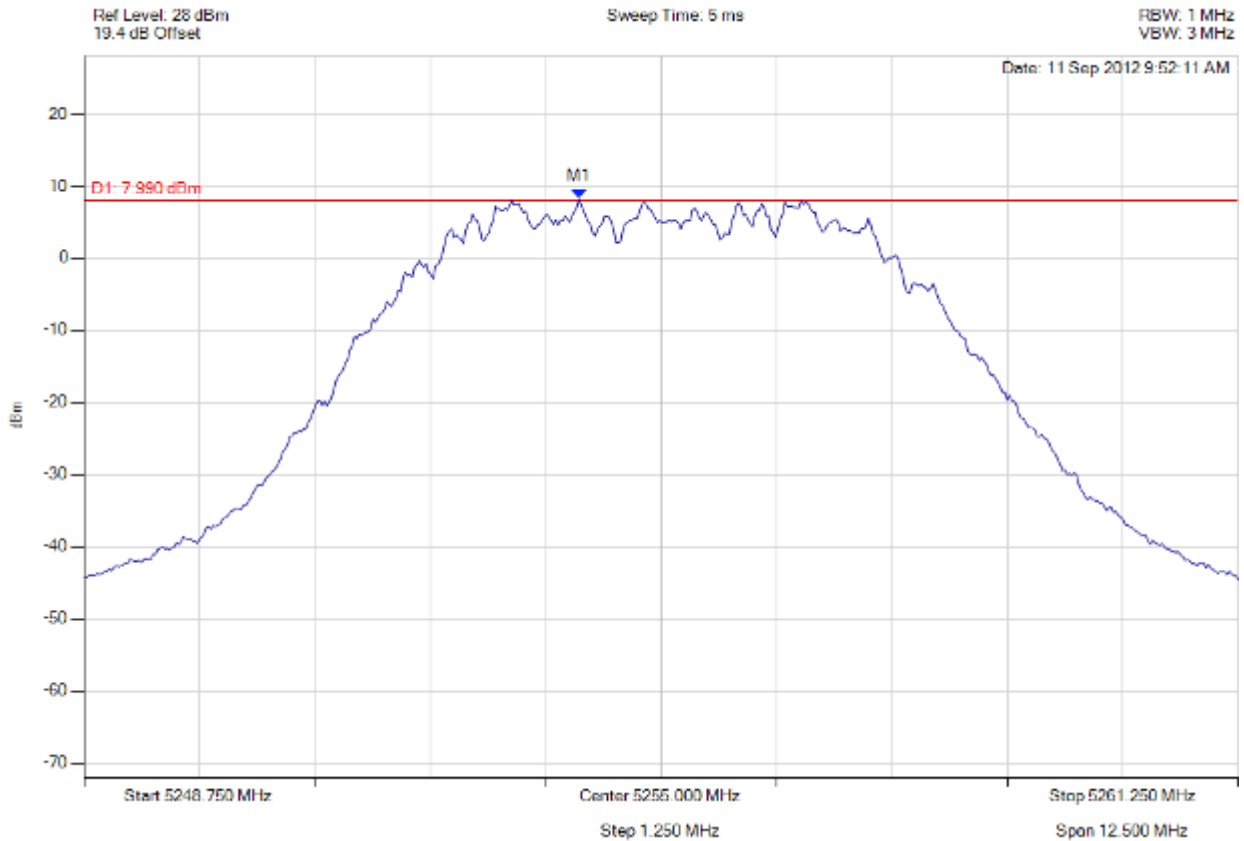
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



power density

Variant: 5 MHz, Channel: 5255.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5254.111 MHz : 8.267 dBm	Limit: 4.990 dBm Margin: 3.28 dB

[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.

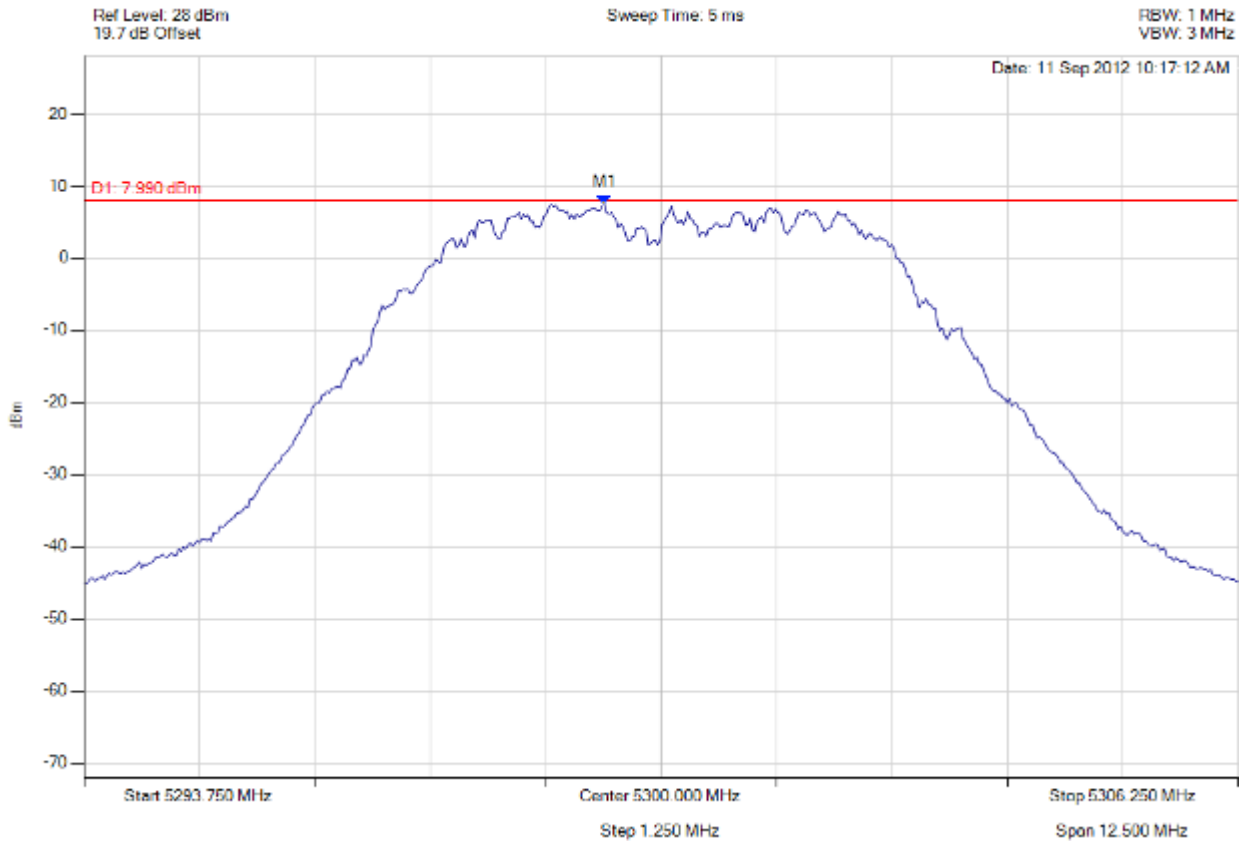


Title: AP0127730, AP0134760
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: RDWN12-U2 Rev B
Issue Date: 18th January 2013
Page: 202 of 272



power density

Variant: 5 MHz, Channel: 5300.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5299.386 MHz : 7.448 dBm	Limit: 4.990 dBm Margin: 2.46 dB

[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.

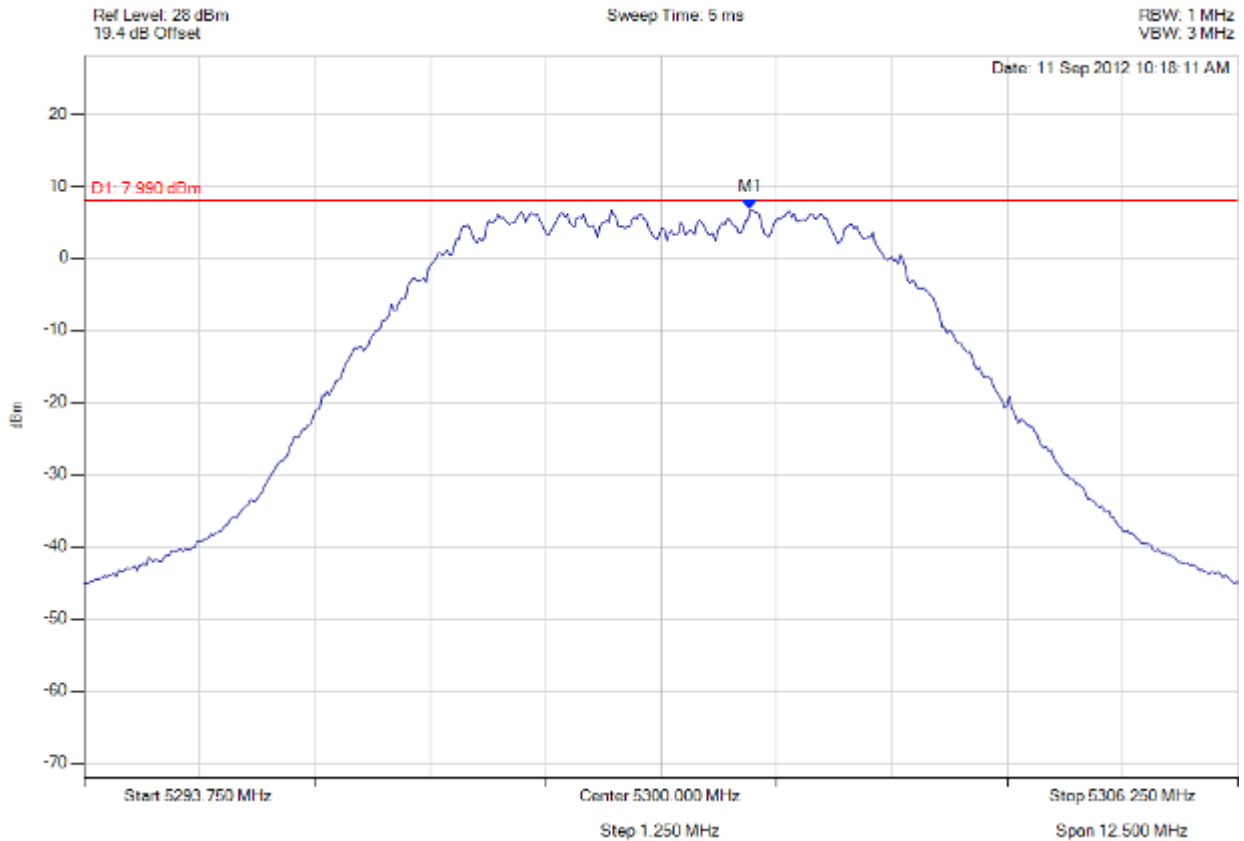


Title: AP0127730, AP0134760
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: RDWN12-U2 Rev B
Issue Date: 18th January 2013
Page: 203 of 272



power density

Variant: 5 MHz, Channel: 5300.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5300.964 MHz : 6.856 dBm	Limit: 4.990 dBm Margin: 1.87 dB

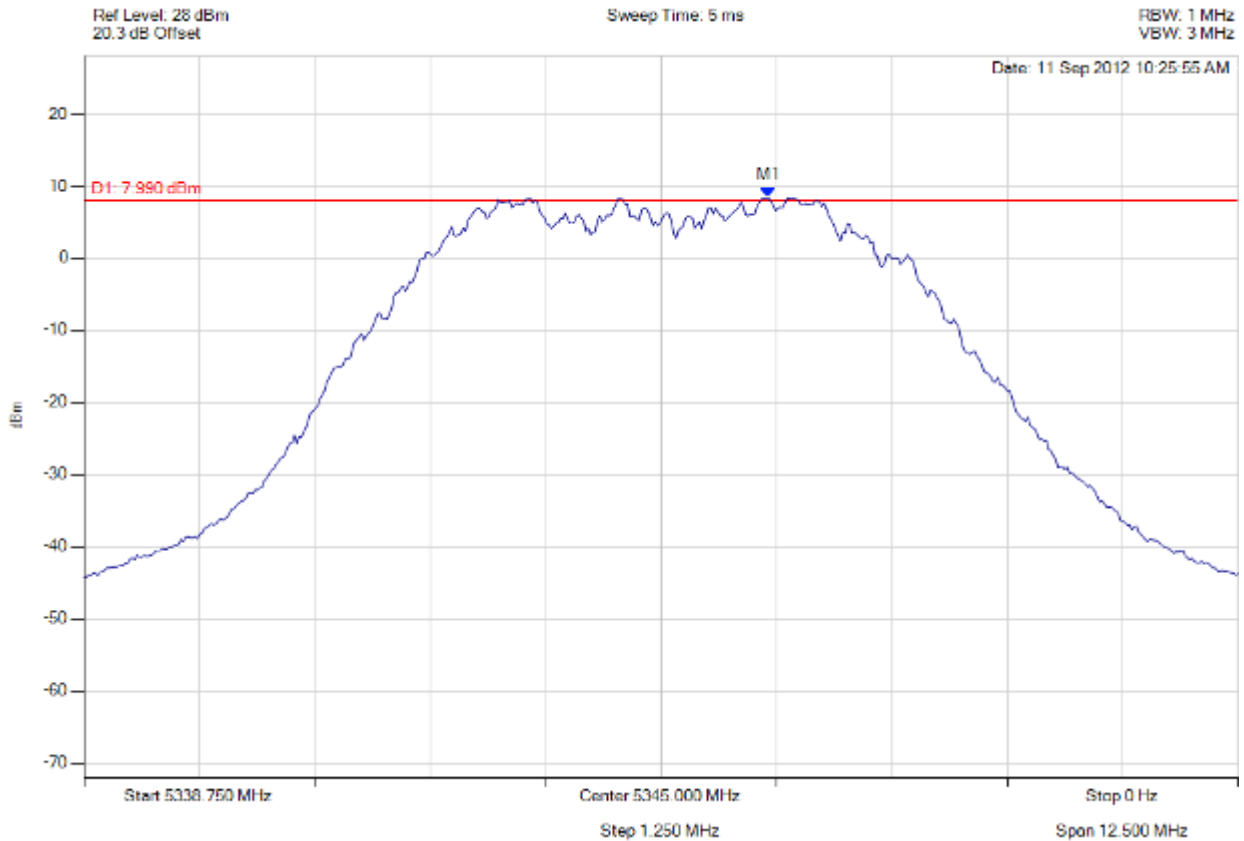
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



power density

Variant: 5 MHz, Channel: 5345.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5346.165 MHz : 8.407 dBm	Limit: 4.990 dBm Margin: 3.42 dB

[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.

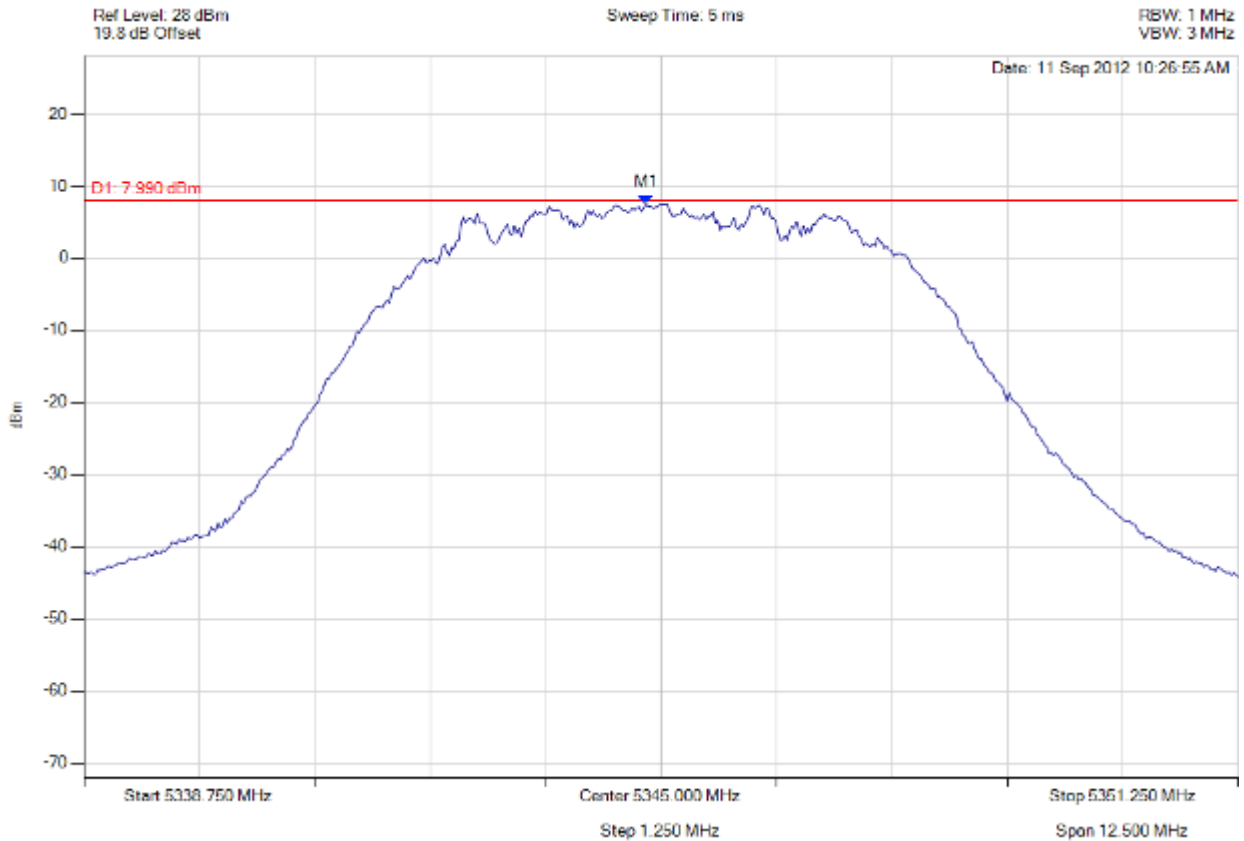


Title: AP0127730, AP0134760
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: RDWN12-U2 Rev B
Issue Date: 18th January 2013
Page: 205 of 272



power density

Variant: 5 MHz, Channel: 5345.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5344.837 MHz : 7.529 dBm	Limit: 4.990 dBm Margin: 2.54 dB

[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.

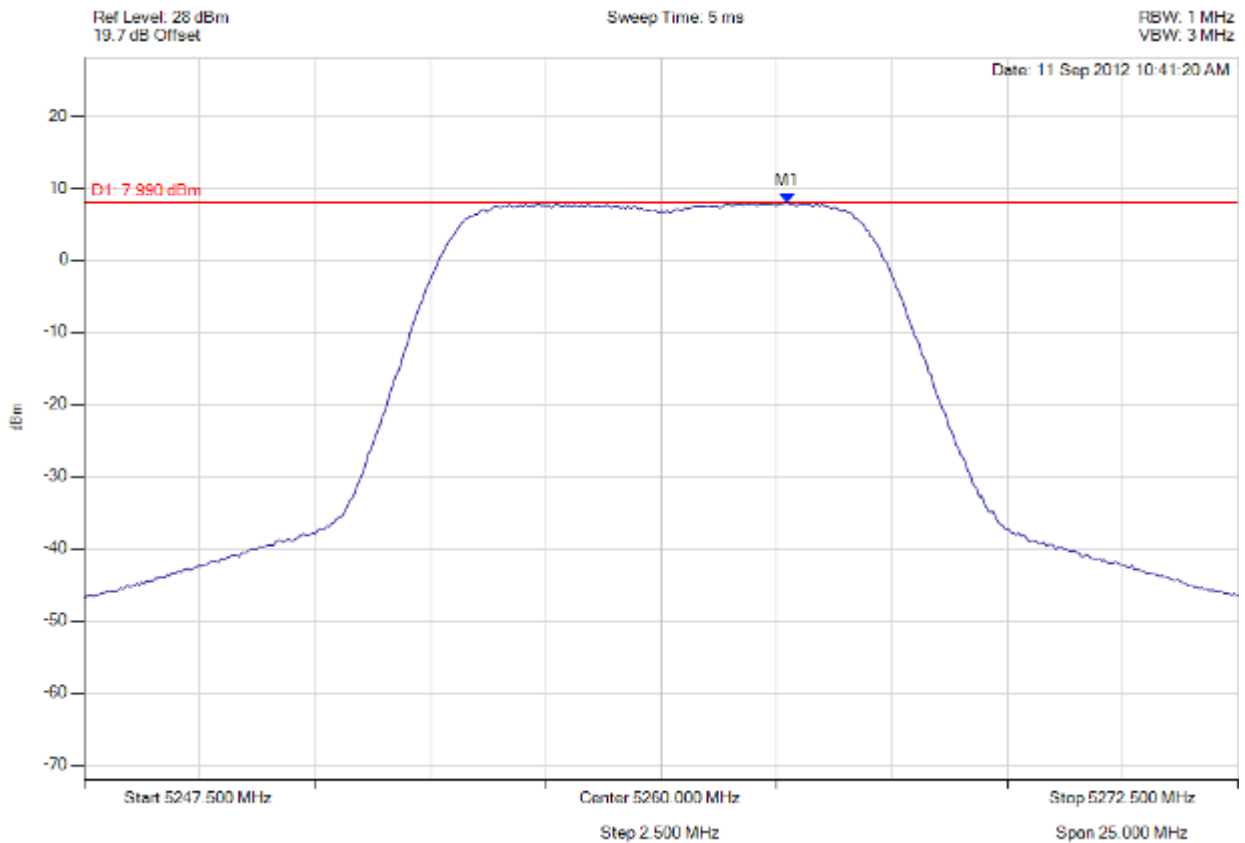


Title: AP0127730, AP0134760
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: RDWN12-U2 Rev B
Issue Date: 18th January 2013
Page: 206 of 272



power density

Variant: 10 MHz, Channel: 5260.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5262.730 MHz : 8.006 dBm	Limit: 4.990 dBm Margin: 3.02 dB

[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.

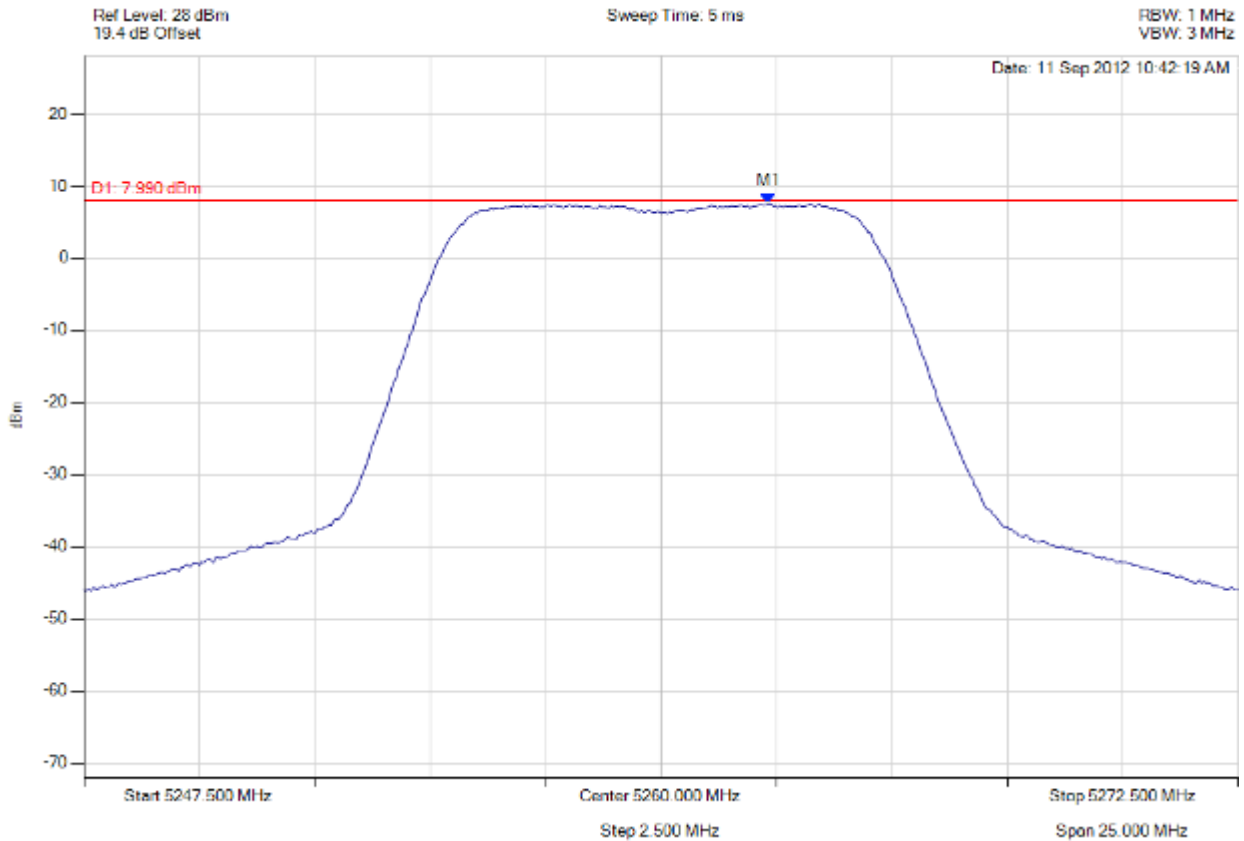


Title: AP0127730, AP0134760
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: RDWN12-U2 Rev B
Issue Date: 18th January 2013
Page: 207 of 272



power density

Variant: 10 MHz, Channel: 5260.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5262.330 MHz : 7.578 dBm	Limit: 4.990 dBm Margin: 2.59 dB

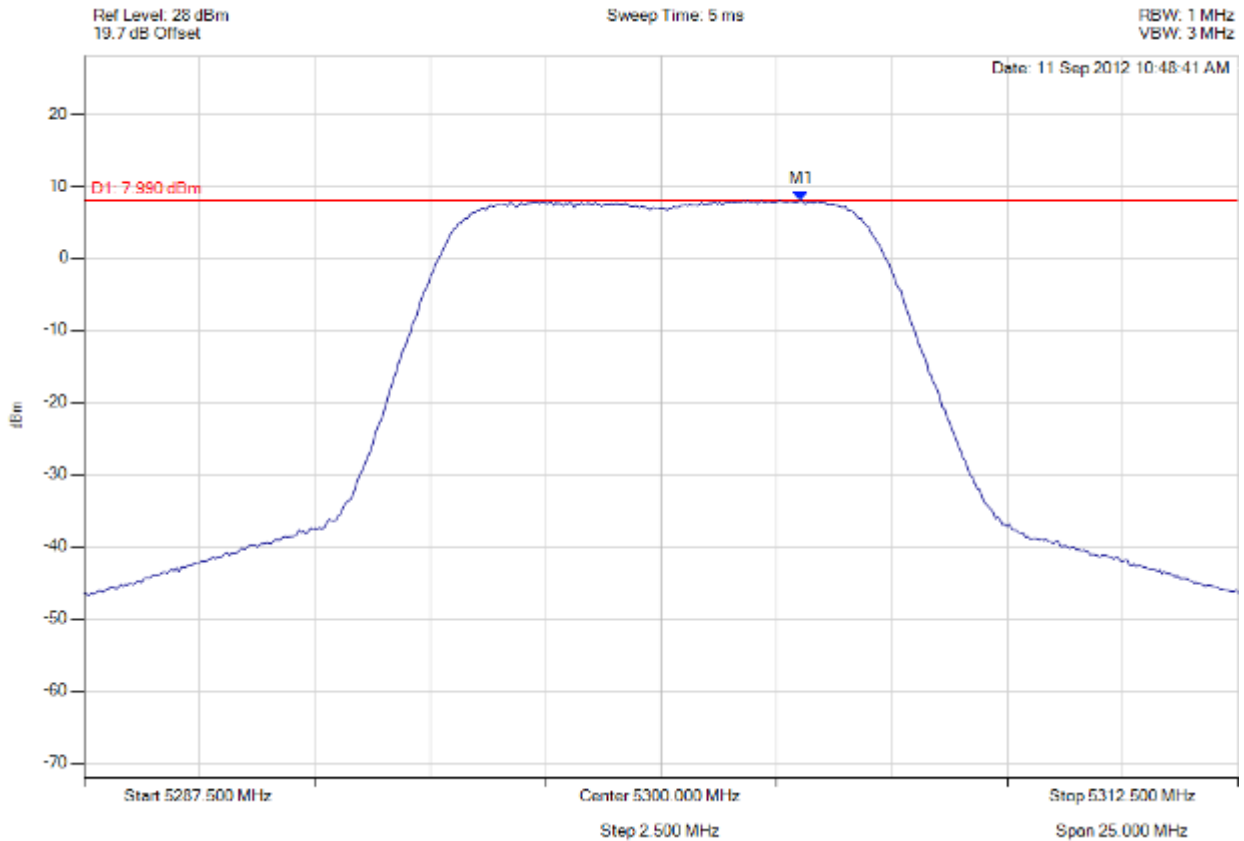
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



power density

Variant: 10 MHz, Channel: 5300.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5303.031 MHz : 8.003 dBm	Limit: 4.990 dBm Margin: 3.01 dB

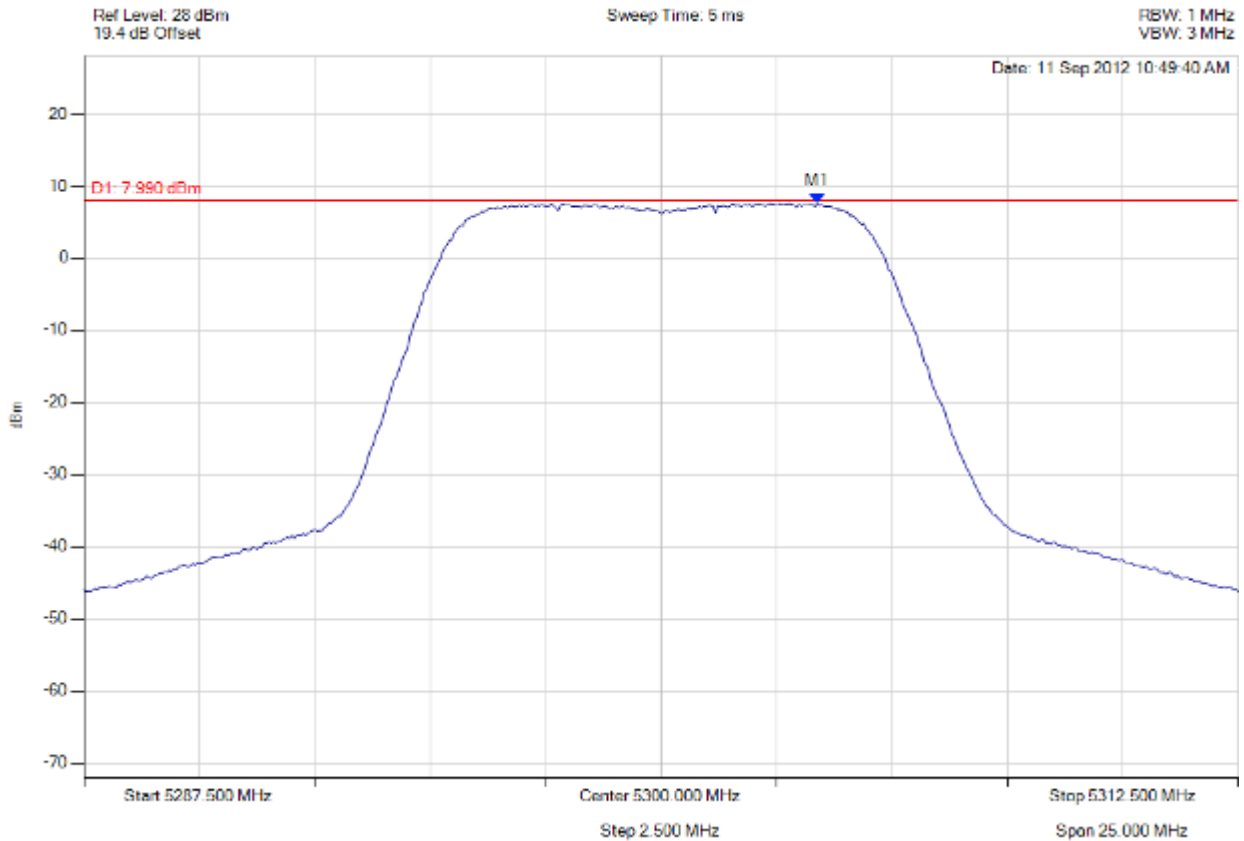
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



power density

Variant: 10 MHz, Channel: 5300.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5303.382 MHz : 7.642 dBm	Limit: 4.990 dBm Margin: 2.65 dB

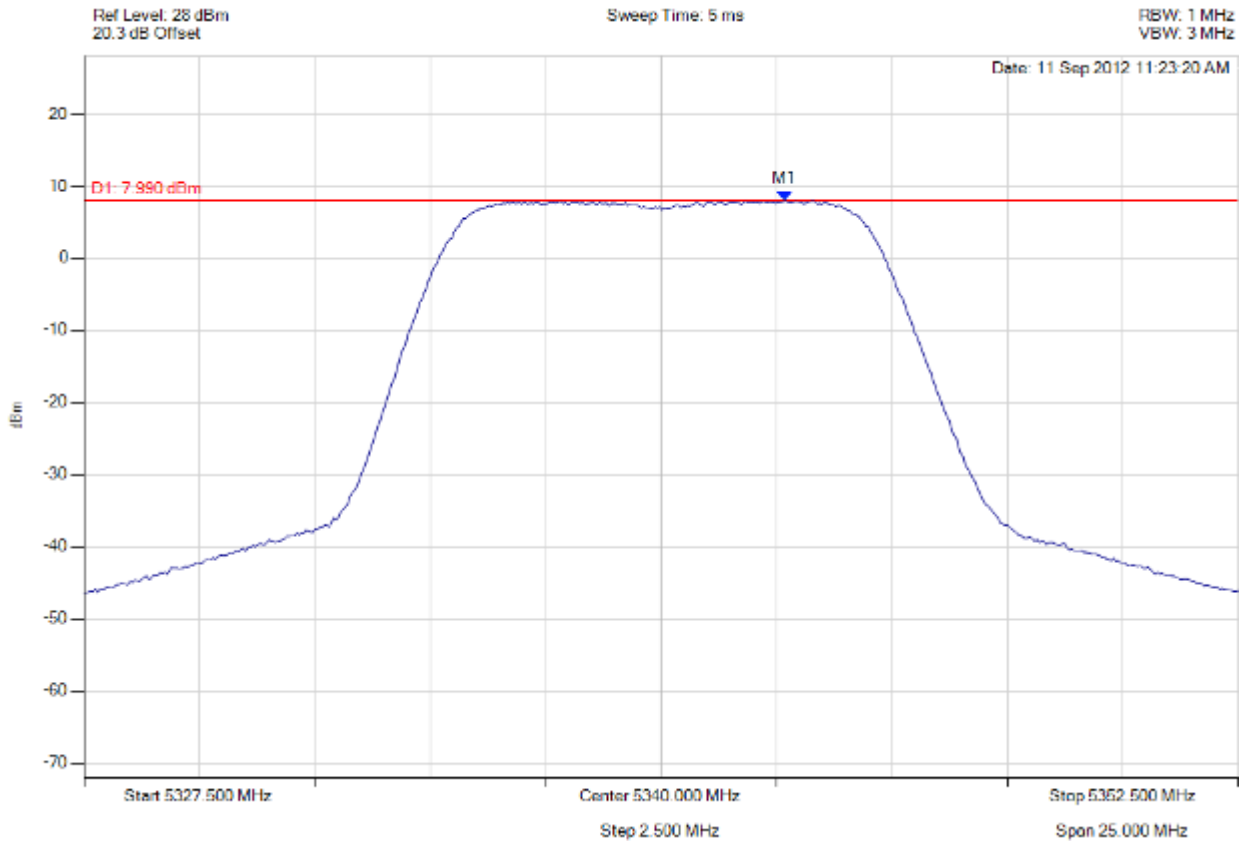
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



power density

Variant: 10 MHz, Channel: 5340.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5342.680 MHz : 7.990 dBm	Limit: 4.990 dBm Margin: 3.00 dB

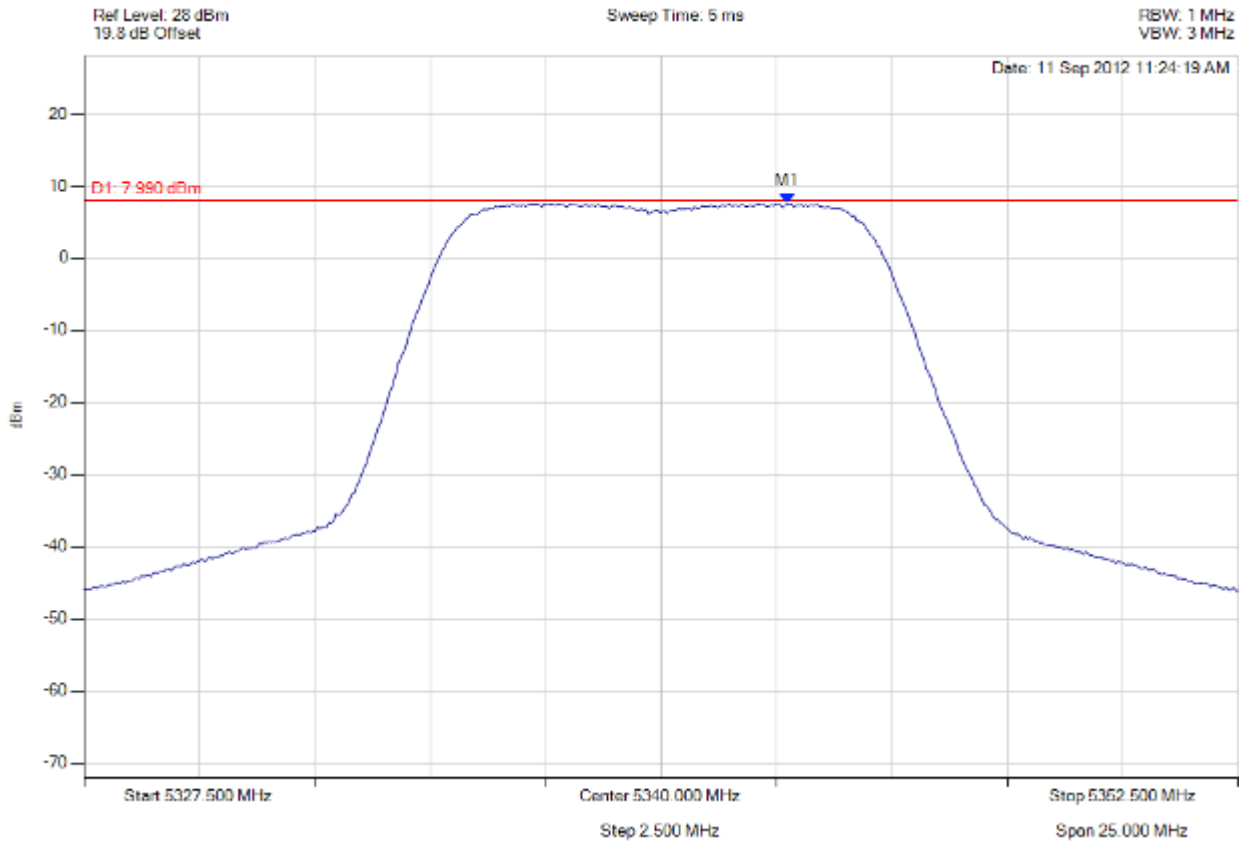
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



power density

Variants: 10 MHz, Channel: 5340.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5342.730 MHz : 7.575 dBm	Limit: 4.990 dBm Margin: 2.59 dB

[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.

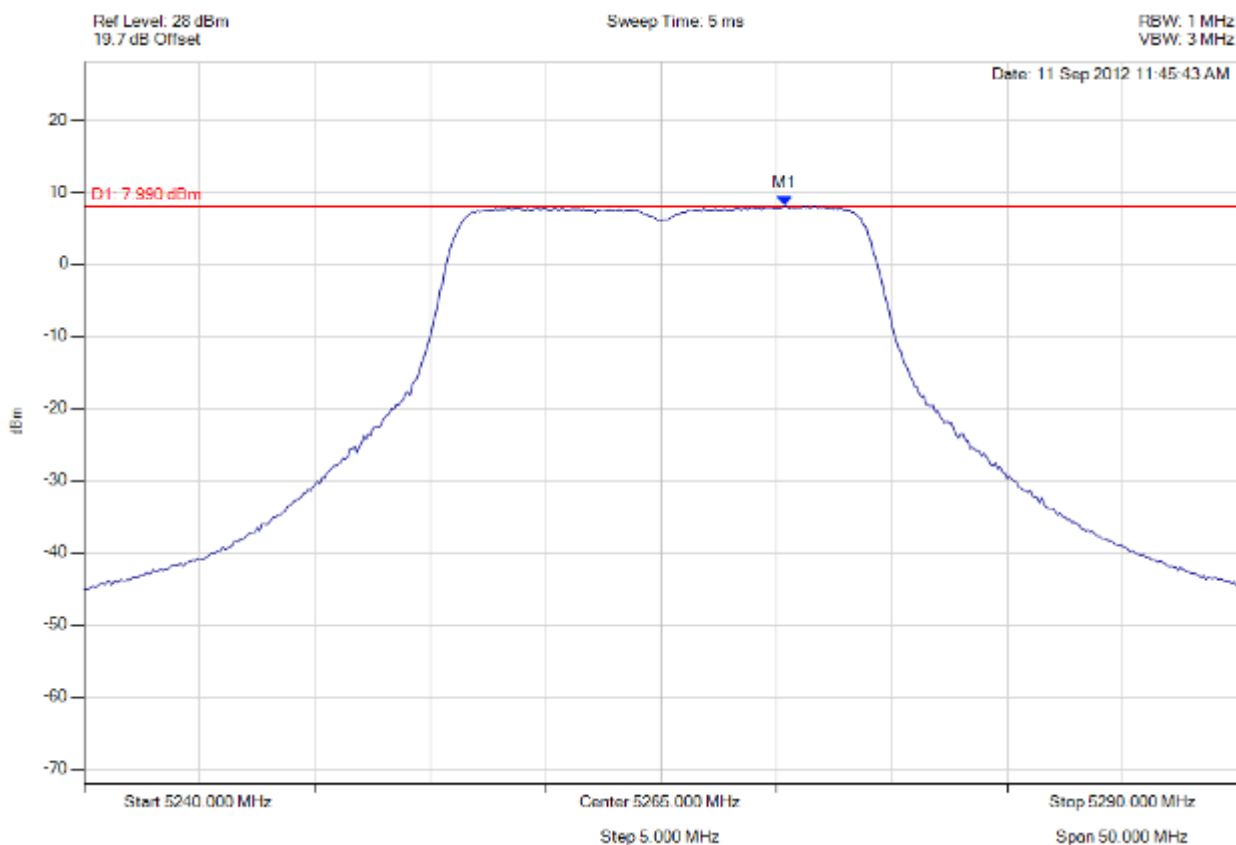


Title: AP0127730, AP0134760
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: RDWN12-U2 Rev B
Issue Date: 18th January 2013
Page: 212 of 272



power density

Variant: 20 MHz, Channel: 5265.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5270.361 MHz : 8.147 dBm	Limit: 4.990 dBm Margin: 3.16 dB

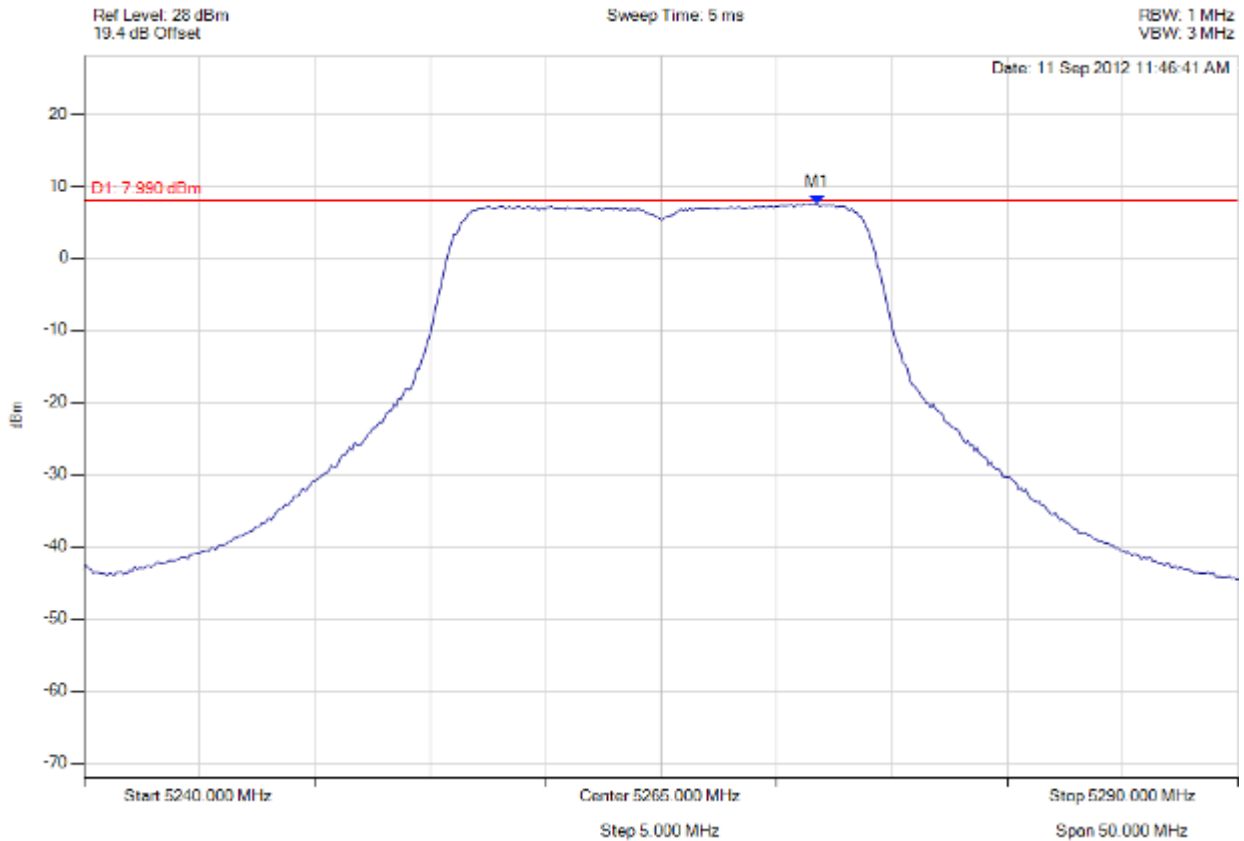
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



power density

Variant: 20 MHz, Channel: 5265.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5271.764 MHz : 7.468 dBm	Limit: 4.990 dBm Margin: 2.48 dB

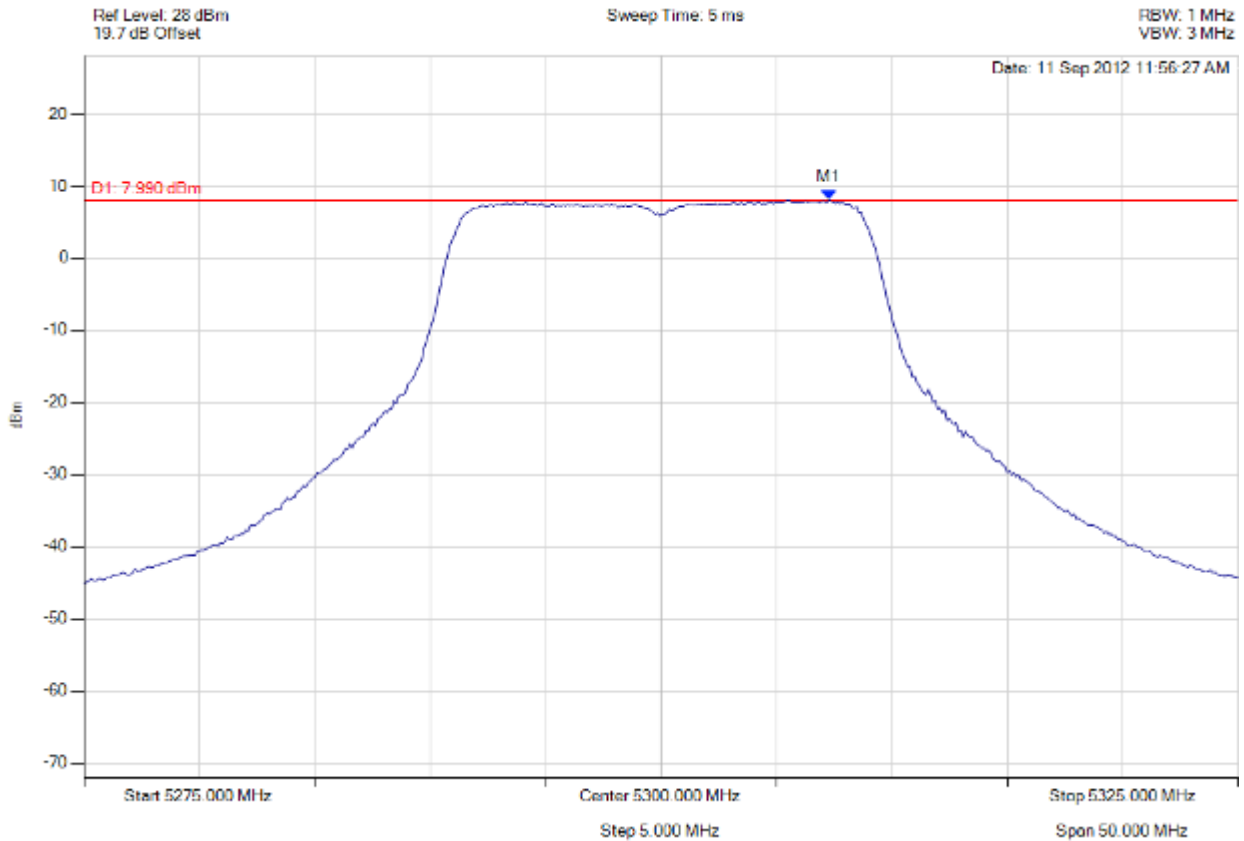
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



power density

Variant: 20 MHz, Channel: 5300.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5307.265 MHz : 8.086 dBm	Limit: 4.990 dBm Margin: 3.10 dB

[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.

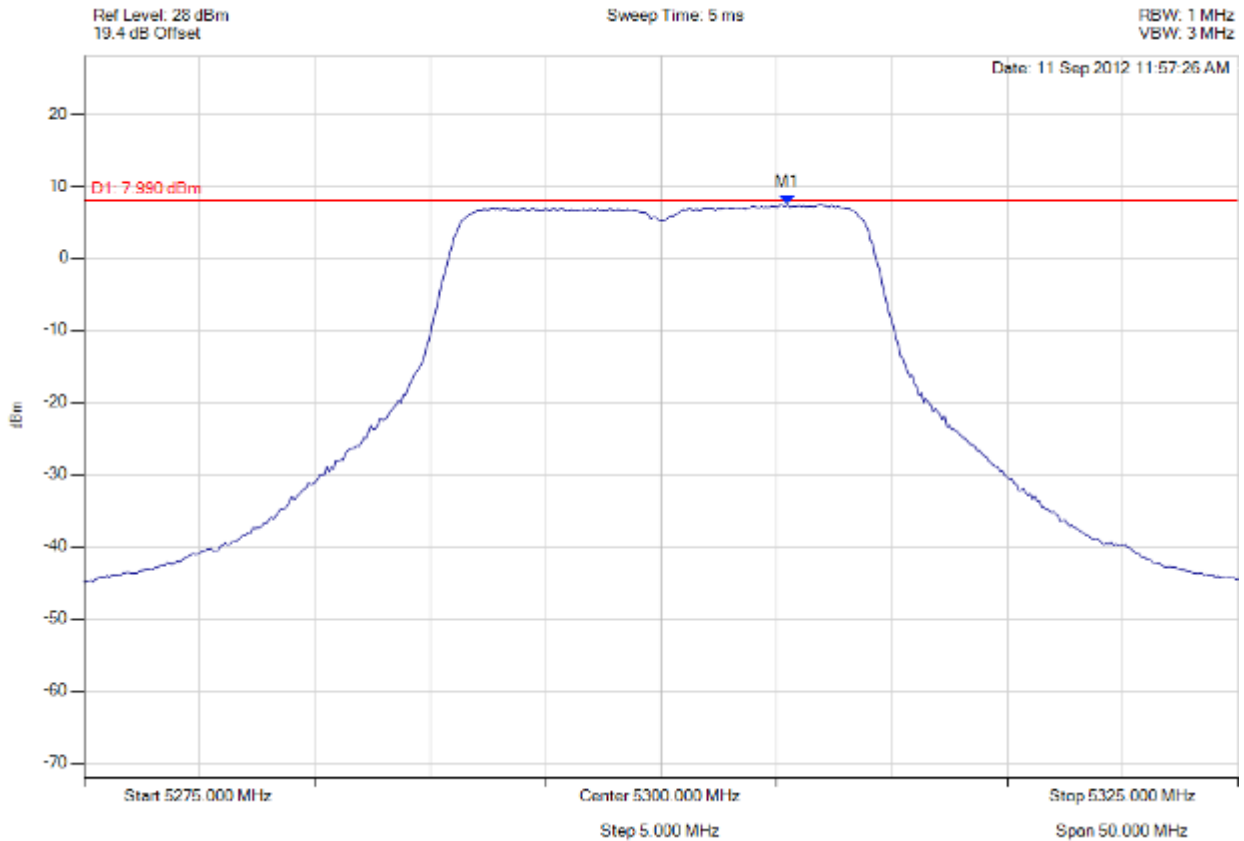


Title: AP0127730, AP0134760
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: RDWN12-U2 Rev B
Issue Date: 18th January 2013
Page: 215 of 272



power density

Variant: 20 MHz, Channel: 5300.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5305.461 MHz : 7.478 dBm	Limit: 4.990 dBm Margin: 2.49 dB

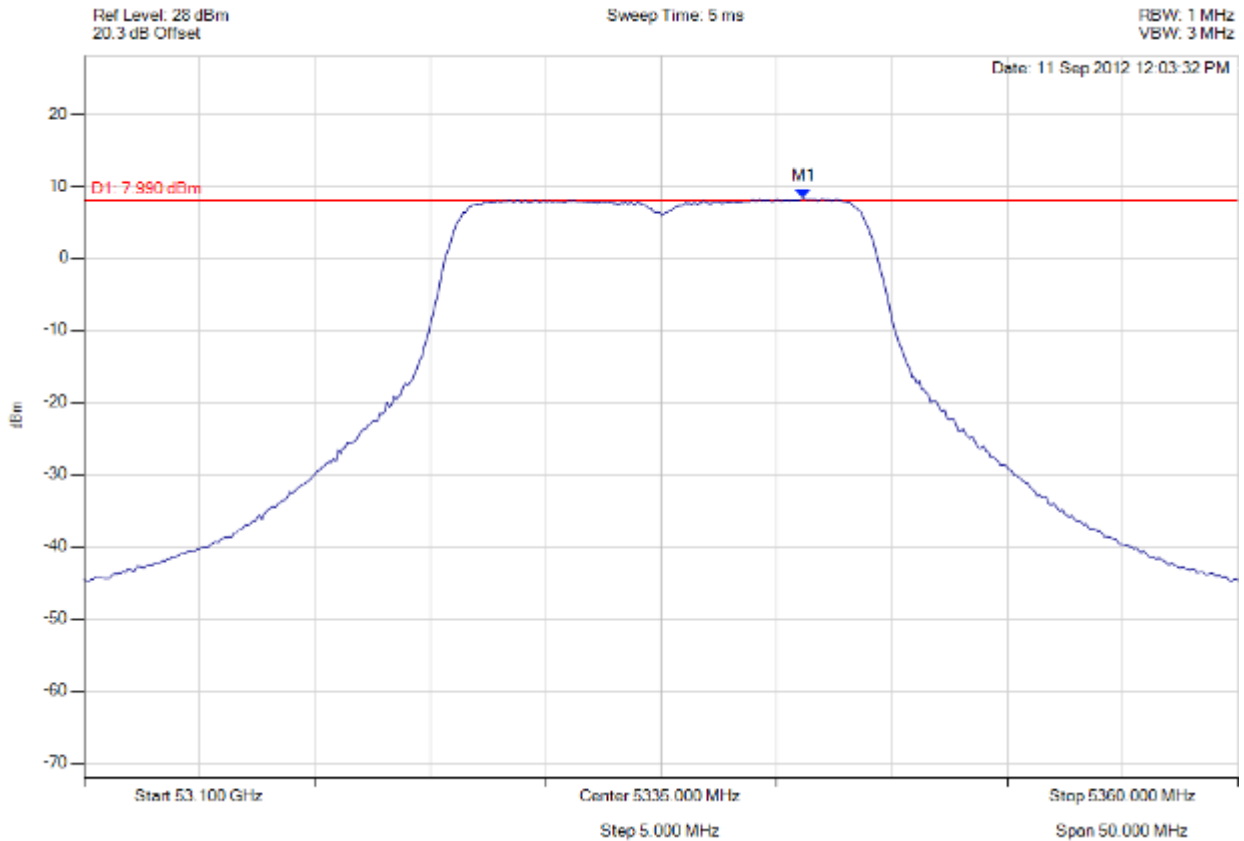
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



power density

Variant: 20 MHz, Channel: 5335.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5341.162 MHz : 8.289 dBm	Limit: 4.990 dBm Margin: 3.30 dB

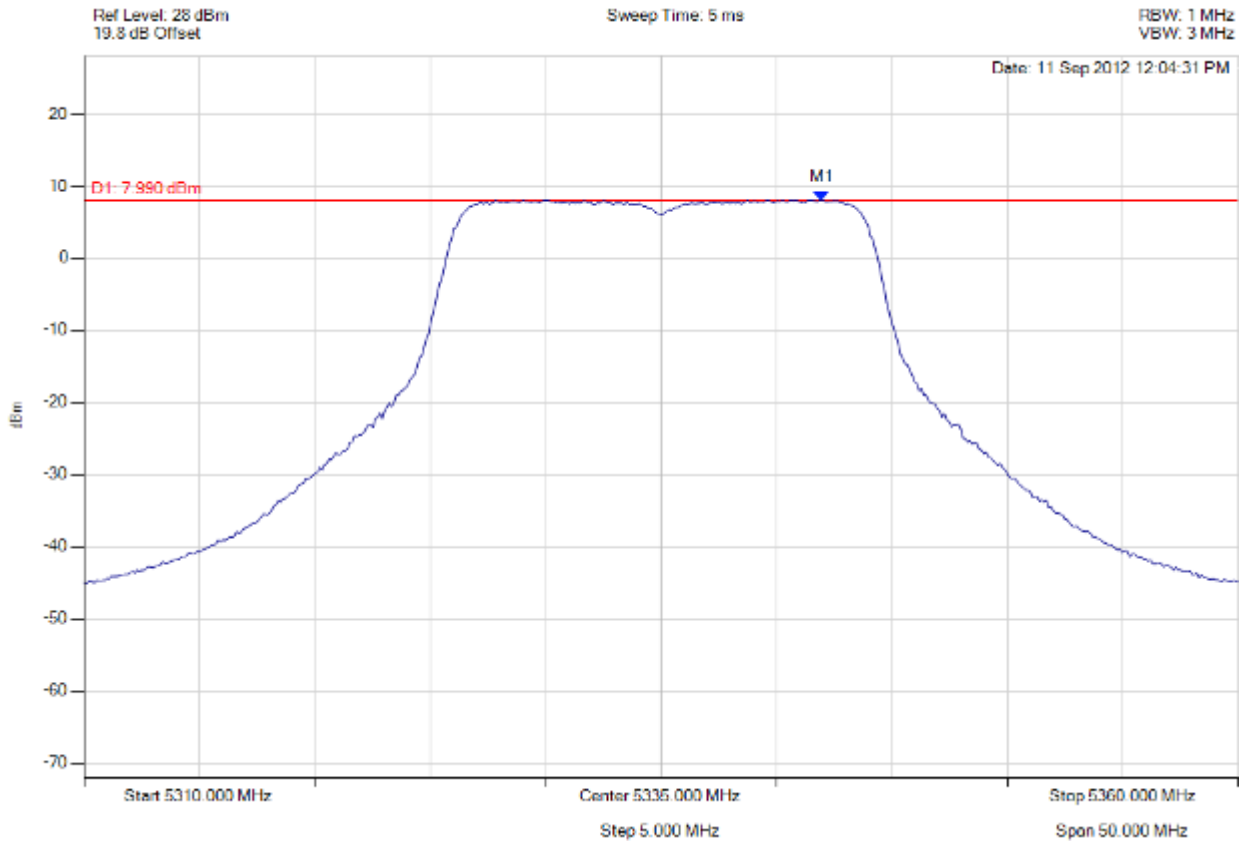
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



power density

Variant: 20 MHz, Channel: 5335.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5341.964 MHz : 8.045 dBm	Limit: 4.990 dBm Margin: 3.06 dB

[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.

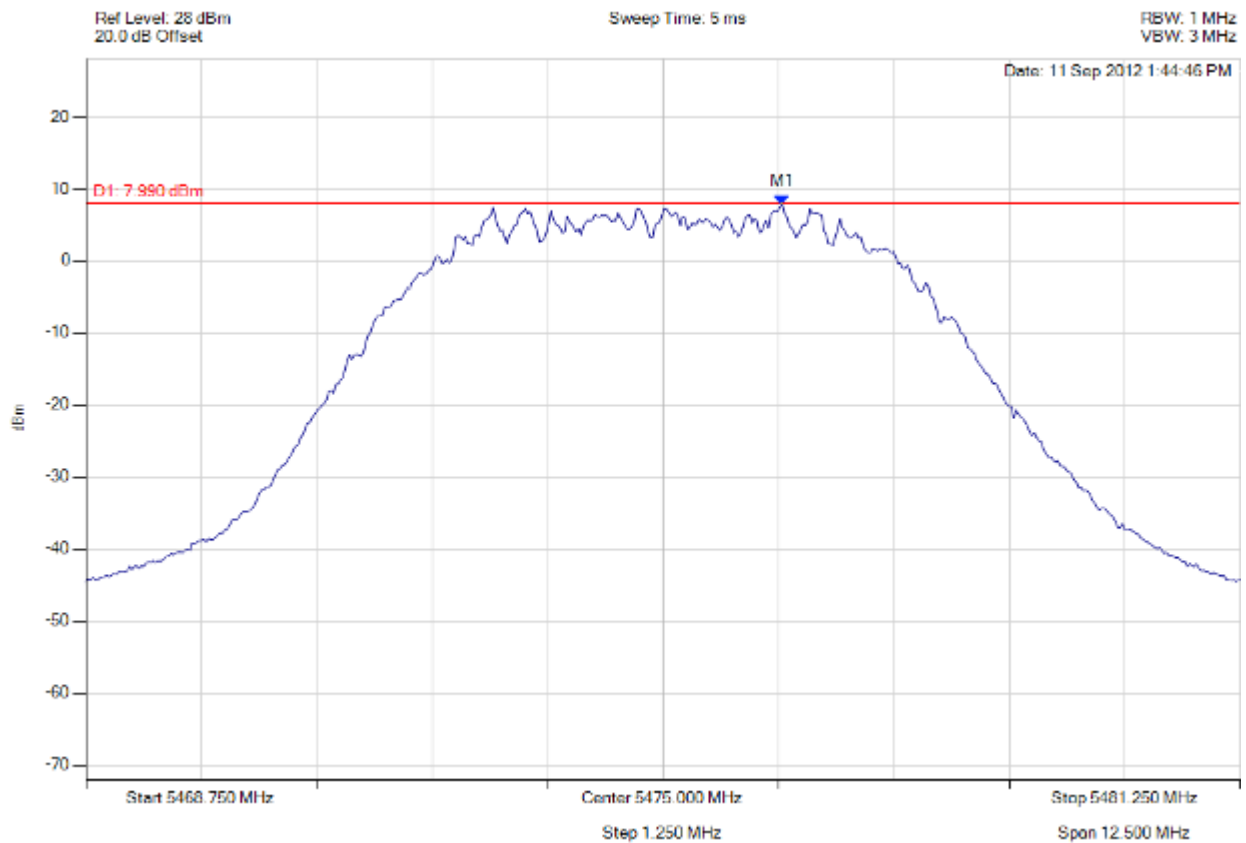


5470 – 5725 MHz



power density

Variant: 5 MHz, Channel: 5475.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5476.290 MHz : 7.889 dBm	Limit: 4.990 dBm Margin: 2.90 dB

[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.

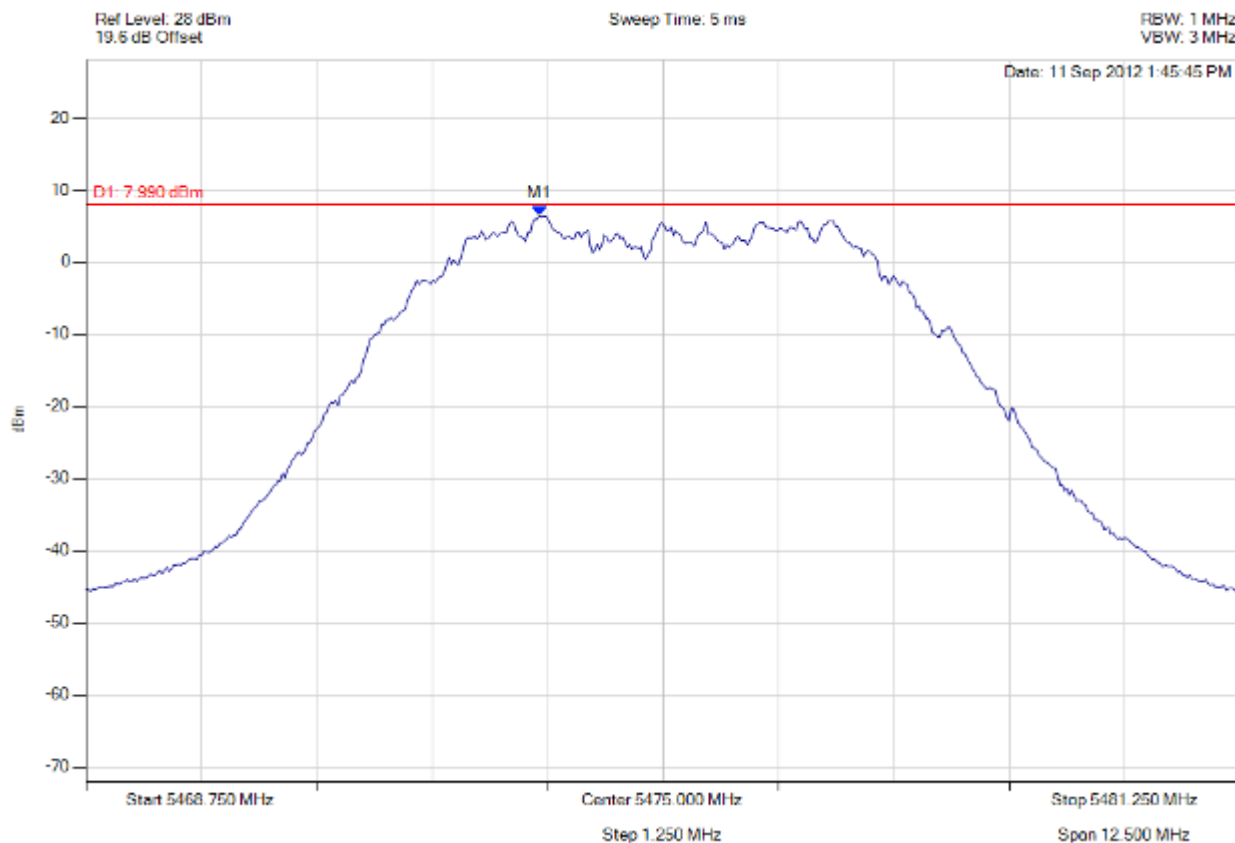


Title: AP0127730, AP0134760
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: RDWN12-U2 Rev B
Issue Date: 18th January 2013
Page: 219 of 272



power density

Variant: 5 MHz, Channel: 5475.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5473.660 MHz : 6.472 dBm	Limit: 4.990 dBm Margin: 1.48 dB

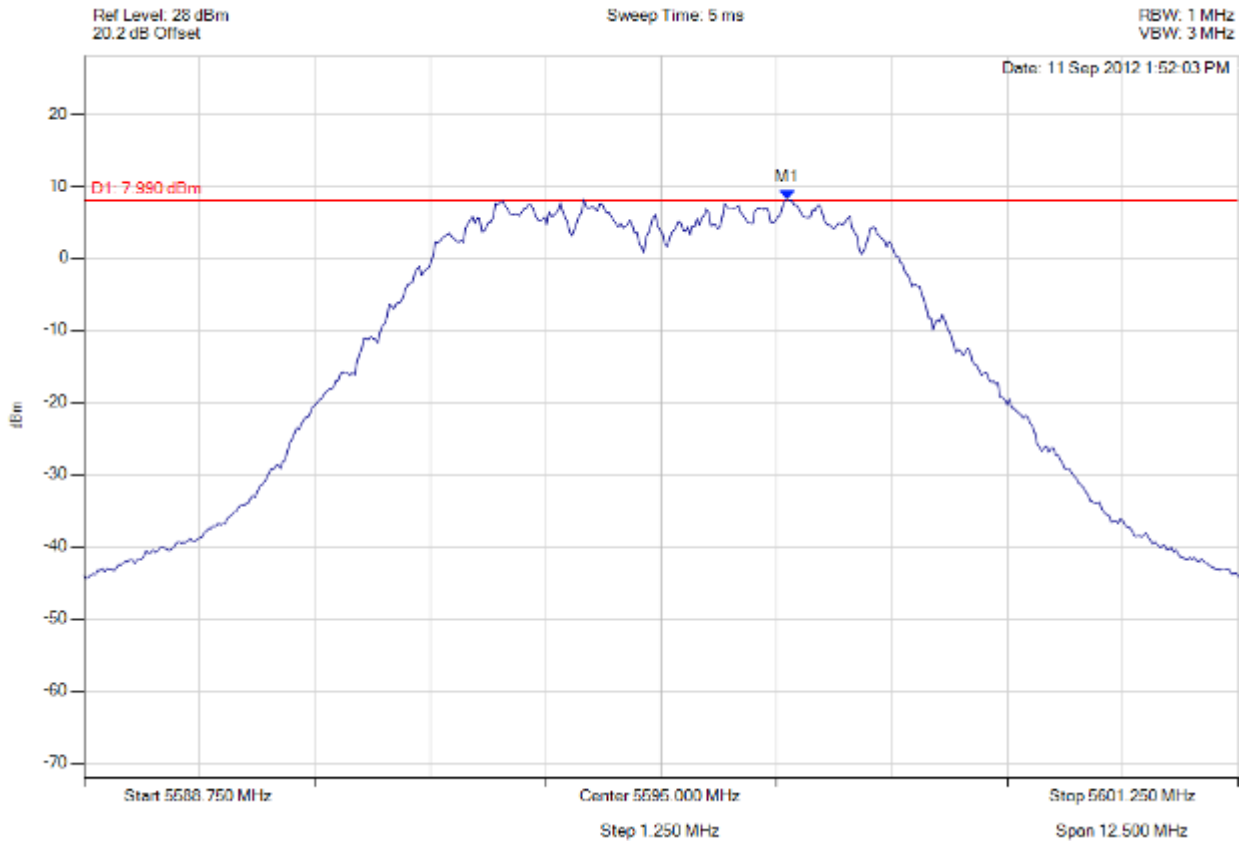
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



power density

Variant: 5 MHz, Channel: 5595.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5596.365 MHz : 8.161 dBm	Limit: 4.990 dBm Margin: 3.17 dB

[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.

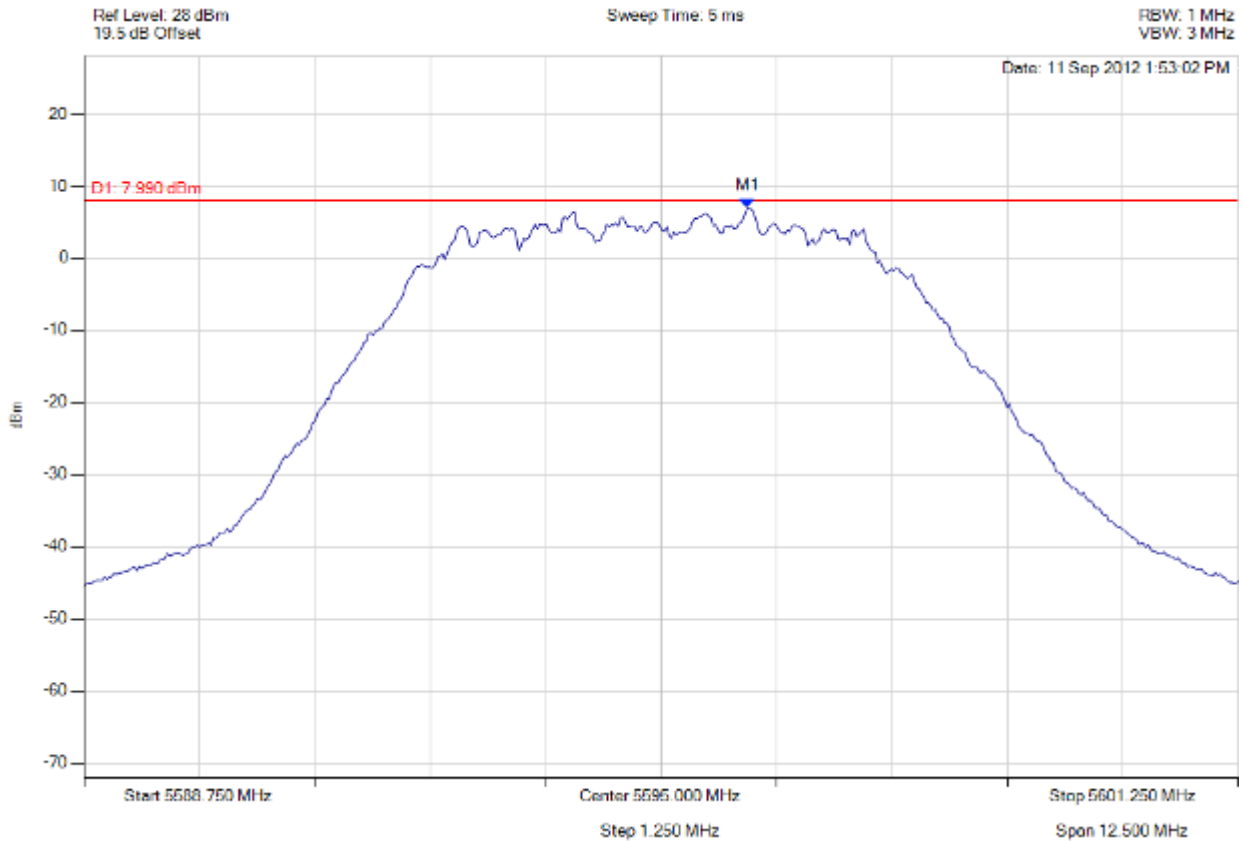


Title: AP0127730, AP0134760
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: RDWN12-U2 Rev B
Issue Date: 18th January 2013
Page: 221 of 272



power density

Variant: 5 MHz, Channel: 5595.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5595.939 MHz : 6.982 dBm	Limit: 4.990 dBm Margin: 1.99 dB

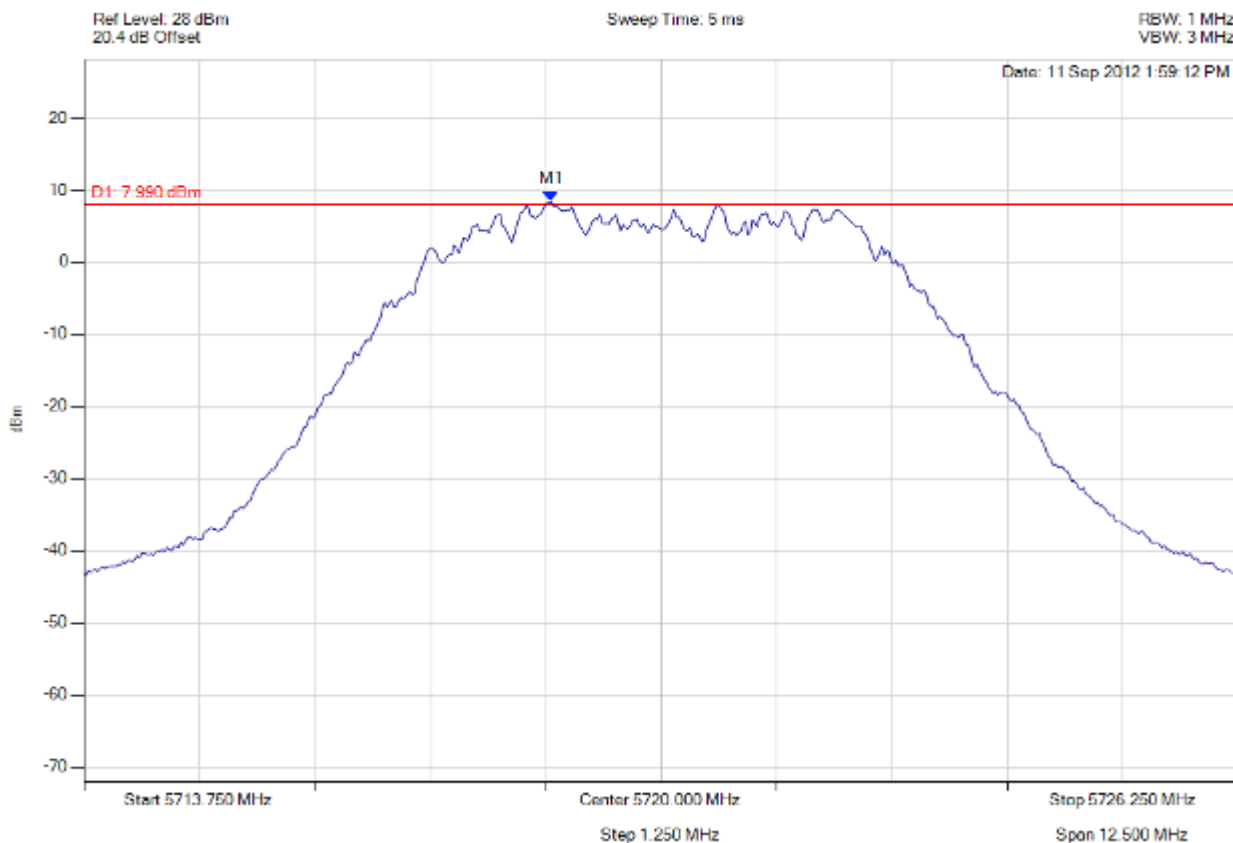
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



power density

Variant: 5 MHz, Channel: 5720.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5718.810 MHz : 8.397 dBm	Limit: 4.990 dBm Margin: 3.41 dB

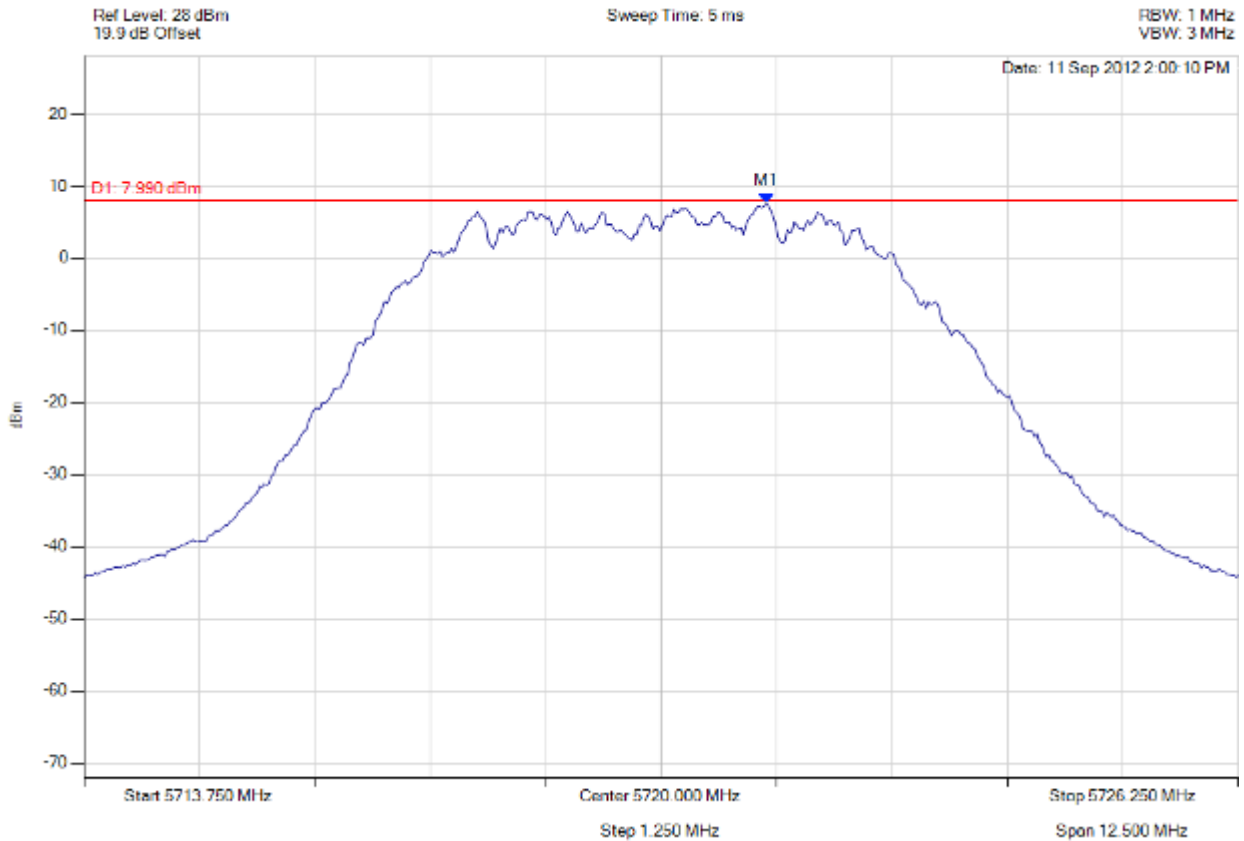
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



power density

Variant: 5 MHz, Channel: 5720.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5721.140 MHz : 7.608 dBm	Limit: 4.990 dBm Margin: 2.62 dB

[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.

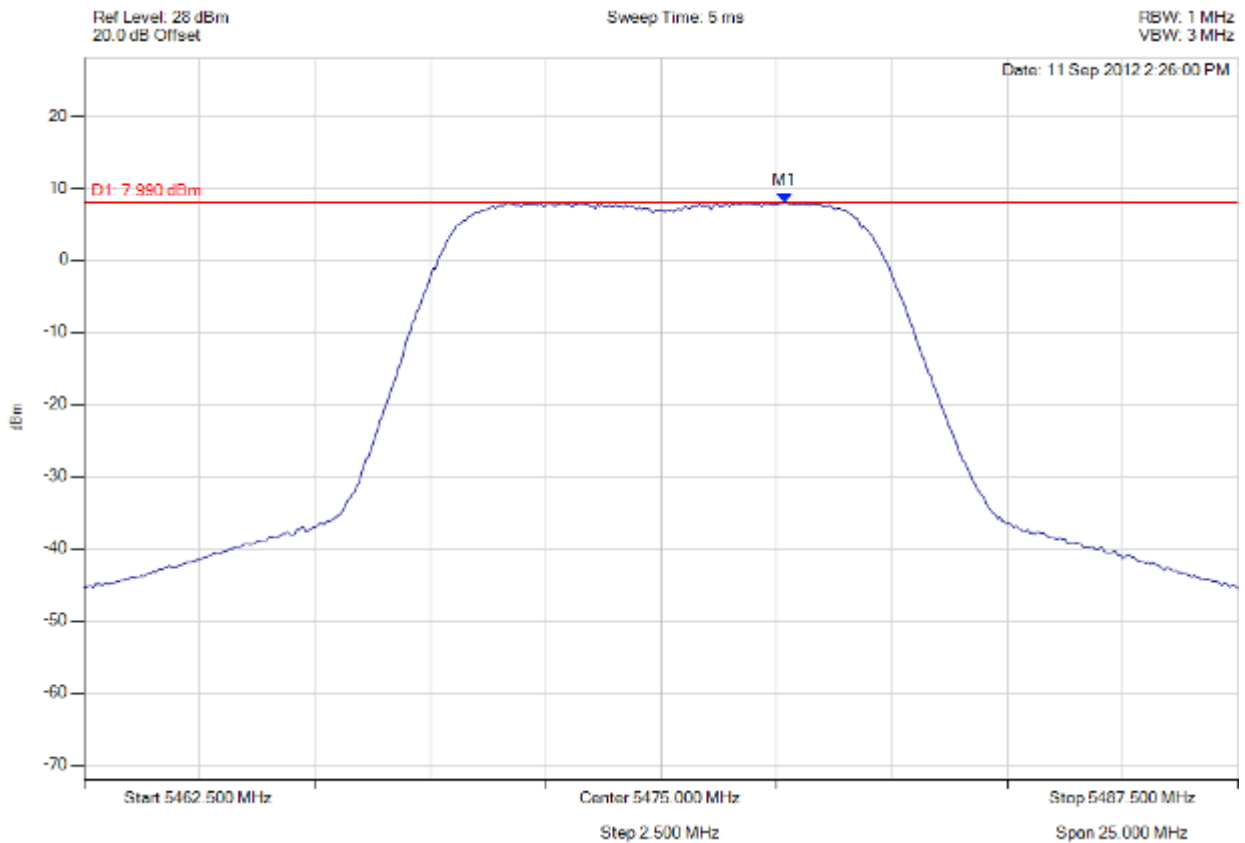


Title: AP0127730, AP0134760
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: RDWN12-U2 Rev B
Issue Date: 18th January 2013
Page: 224 of 272



power density

Variant: 10 MHz, Channel: 5475.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5477.680 MHz : 7.985 dBm	Limit: 4.990 dBm Margin: 3.00 dB

[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.

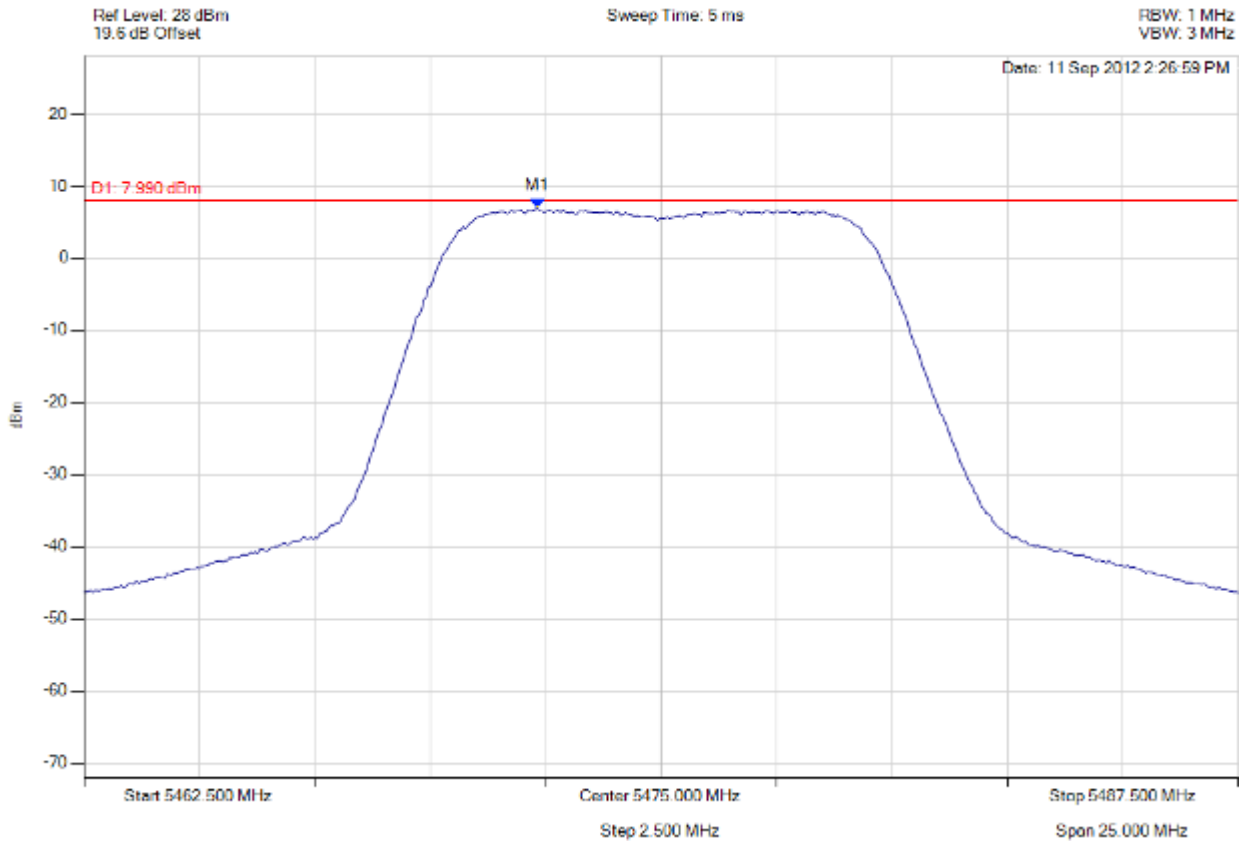


Title: AP0127730, AP0134760
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: RDWN12-U2 Rev B
Issue Date: 18th January 2013
Page: 225 of 272



power density

Variant: 10 MHz, Channel: 5475.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5472.320 MHz : 6.909 dBm	Limit: 4.990 dBm Margin: 1.92 dB

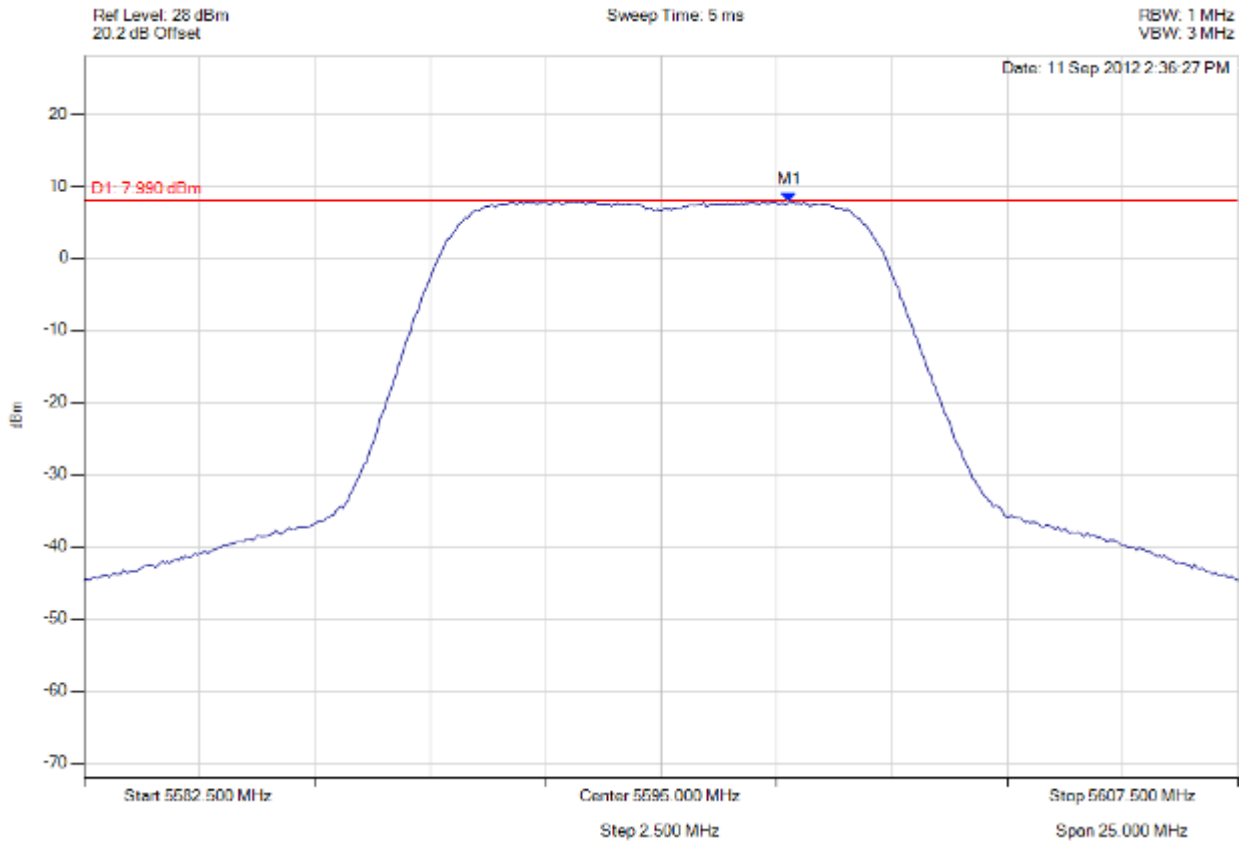
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



power density

Variant: 10 MHz, Channel: 5595.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5597.781 MHz : 7.843 dBm	Limit: 4.990 dBm Margin: 2.85 dB

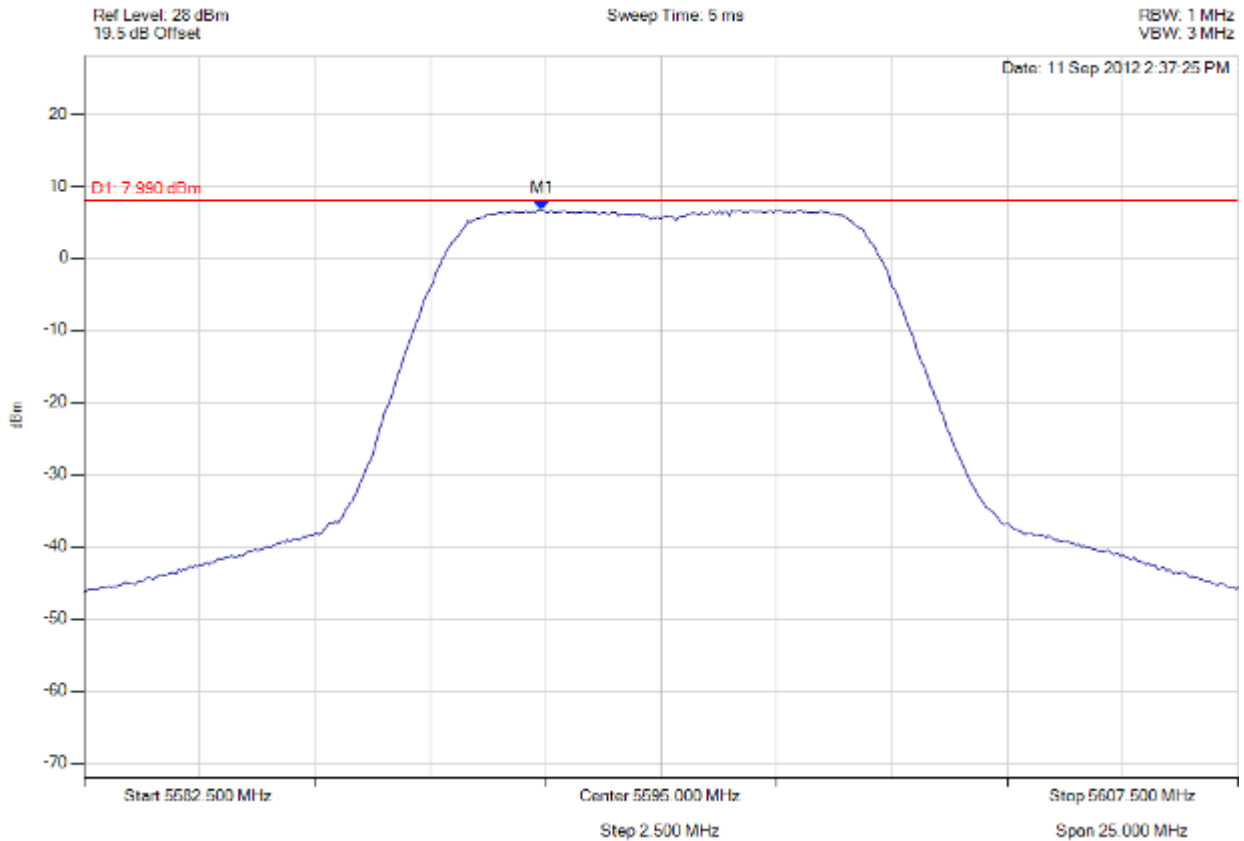
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



power density

Variant: 10 MHz, Channel: 5595.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5592.420 MHz : 6.639 dBm	Limit: 4.990 dBm Margin: 1.65 dB

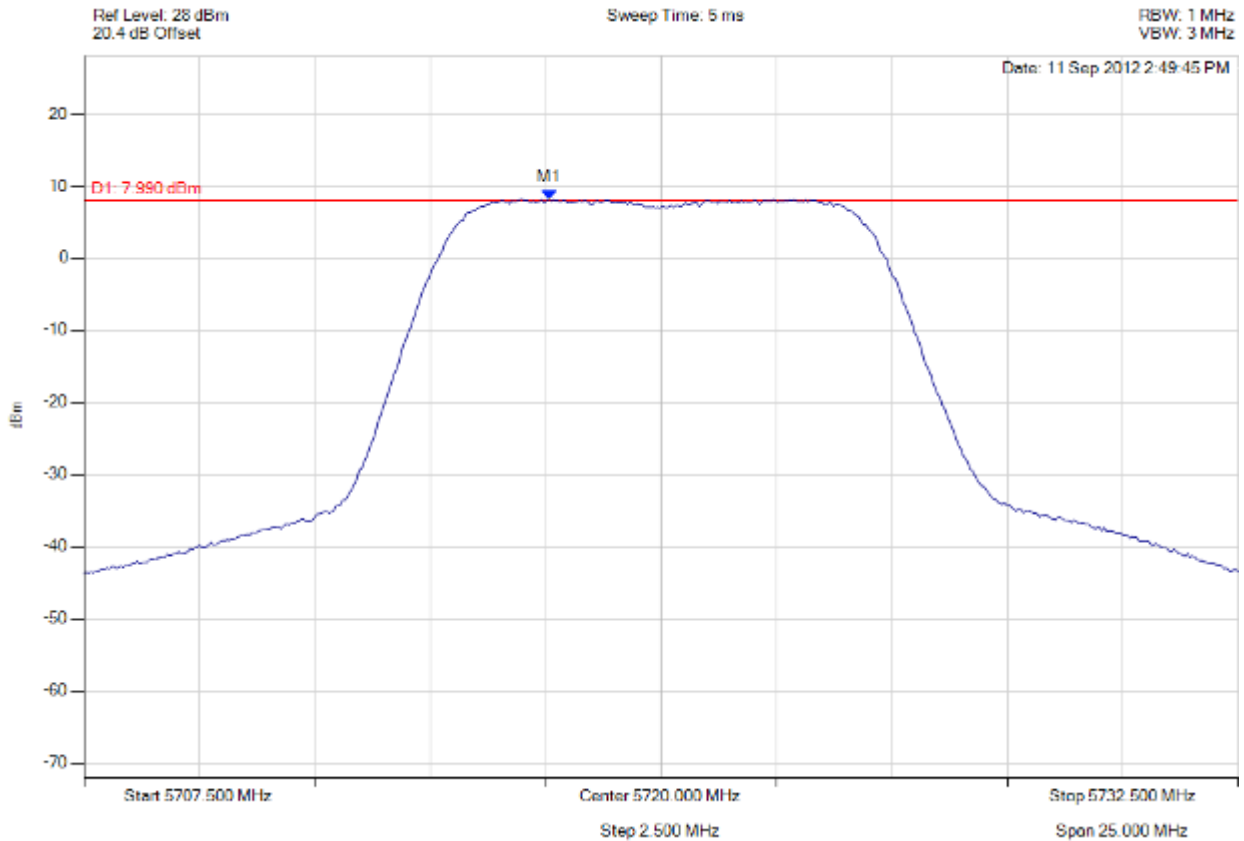
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



power density

Variant: 10 MHz, Channel: 5720.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5717.570 MHz : 8.191 dBm	Limit: 4.990 dBm Margin: 3.20 dB

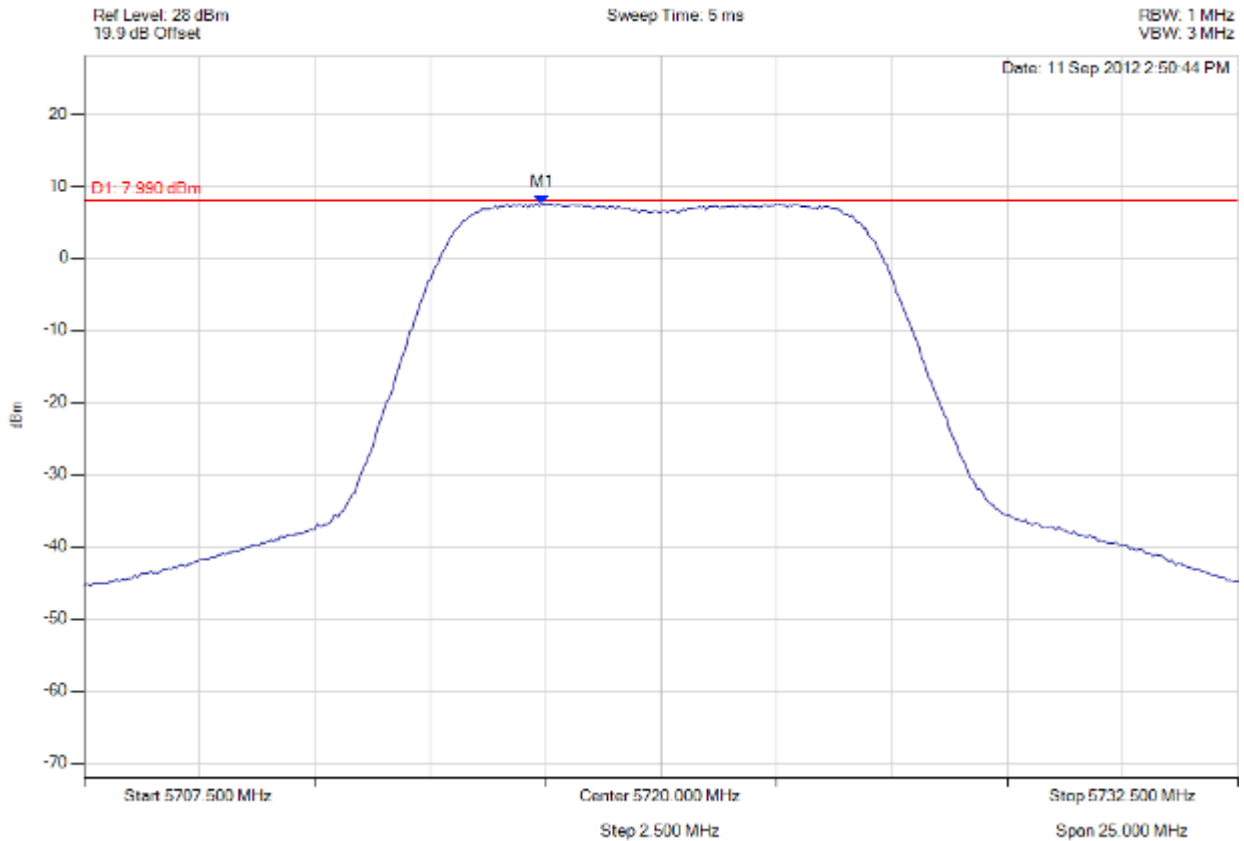
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



power density

Variant: 10 MHz, Channel: 5720.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5717.420 MHz : 7.472 dBm	Limit: 4.990 dBm Margin: 2.48 dB

[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.

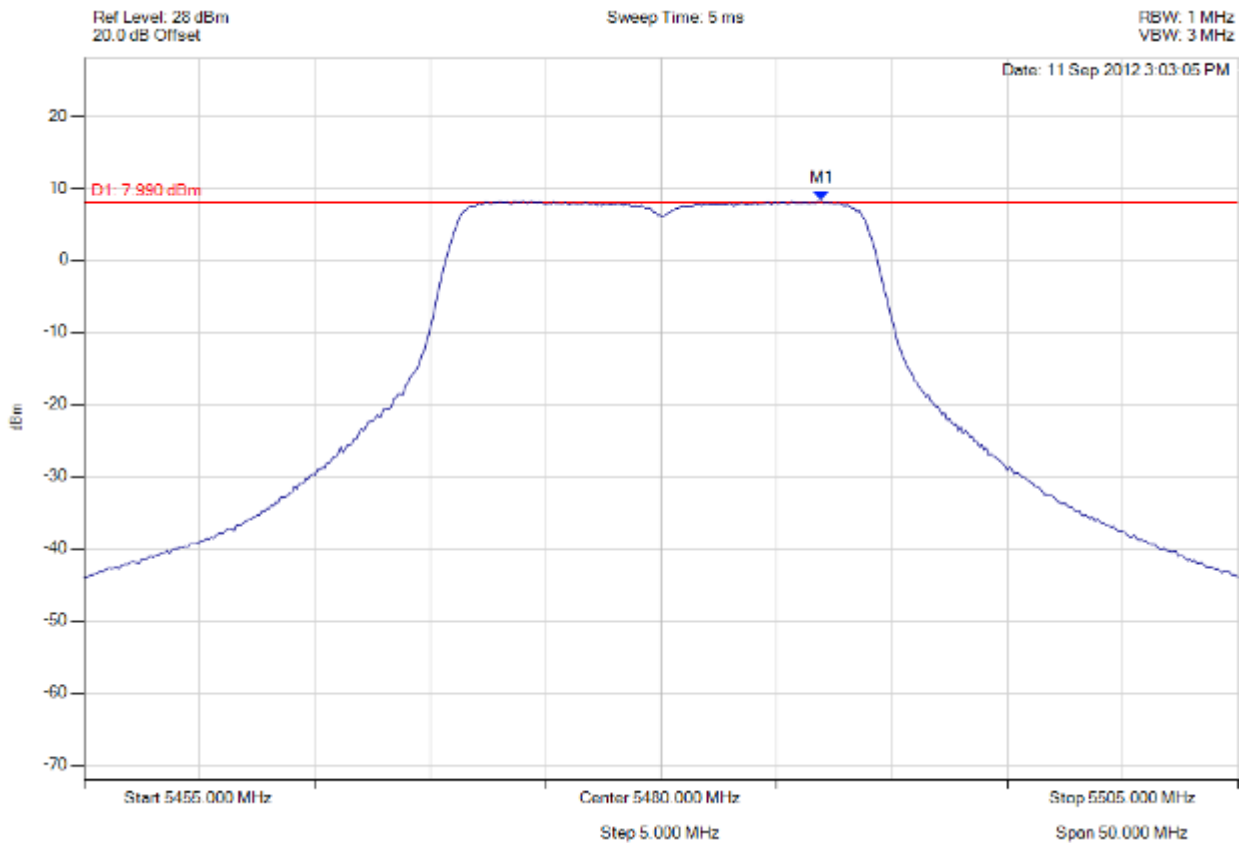


Title: AP0127730, AP0134760
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: RDWN12-U2 Rev B
Issue Date: 18th January 2013
Page: 230 of 272



power density

Variant: 20 MHz, Channel: 5480.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5486.964 MHz : 8.239 dBm	Limit: 4.990 dBm Margin: 3.25 dB

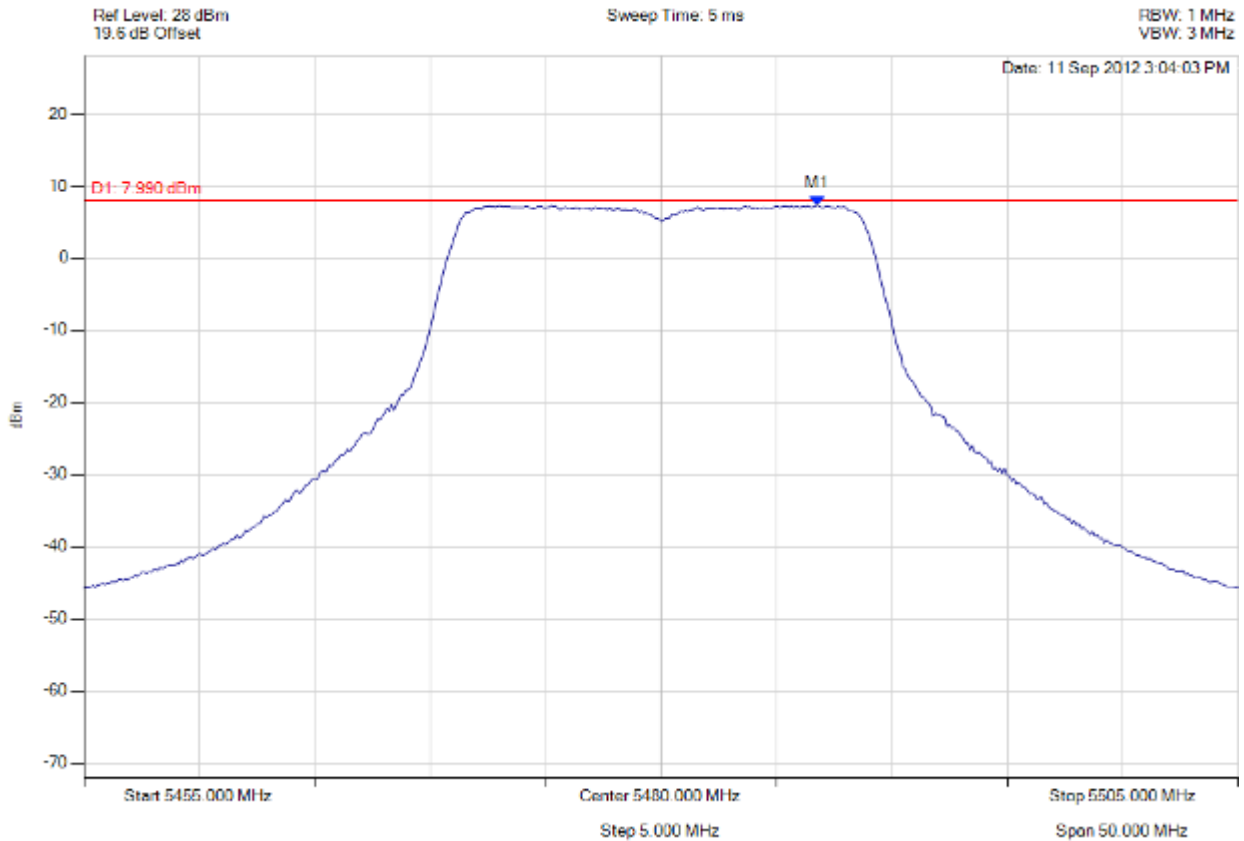
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



power density

Variant: 20 MHz, Channel: 5480.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5486.764 MHz : 7.330 dBm	Limit: 4.990 dBm Margin: 2.34 dB

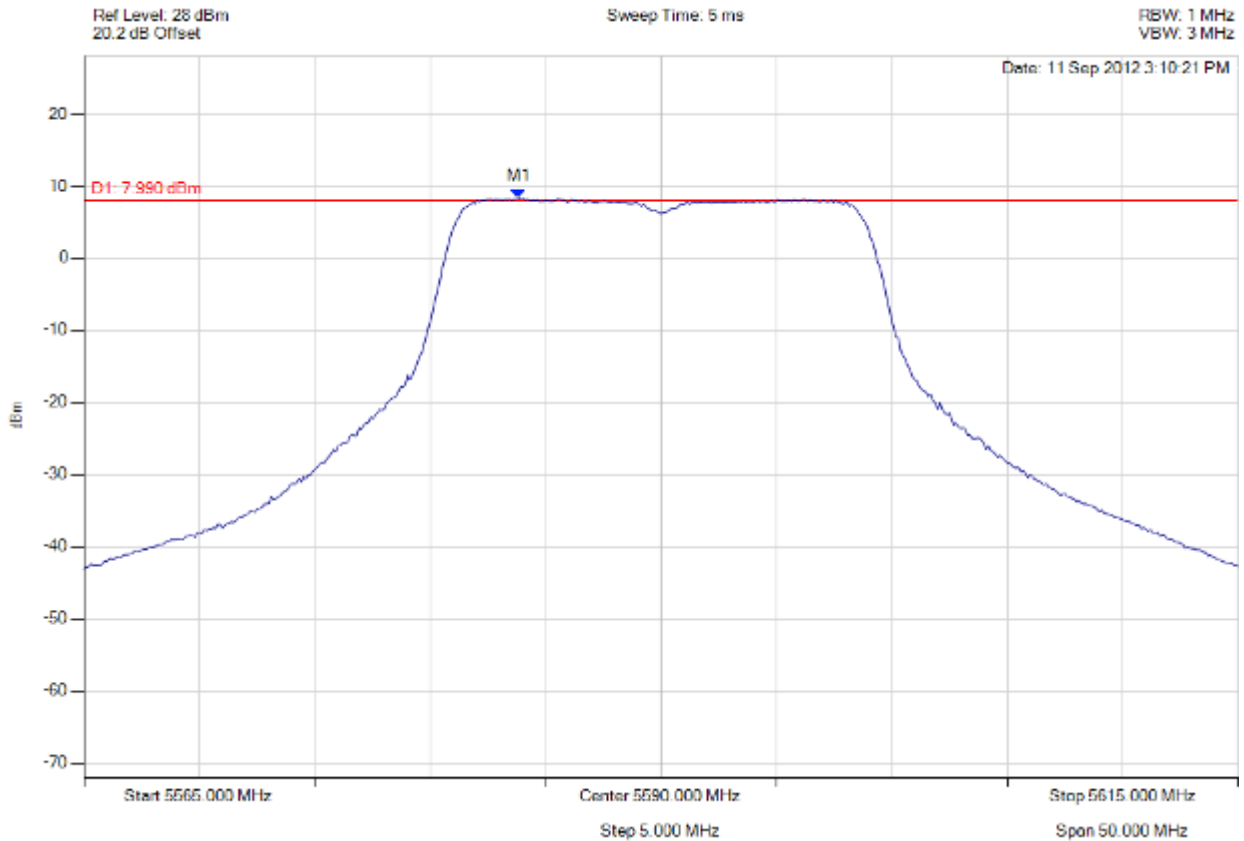
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



power density

Variant: 20 MHz, Channel: 5590.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5583.838 MHz : 8.336 dBm	Limit: 4.990 dBm Margin: 3.35 dB

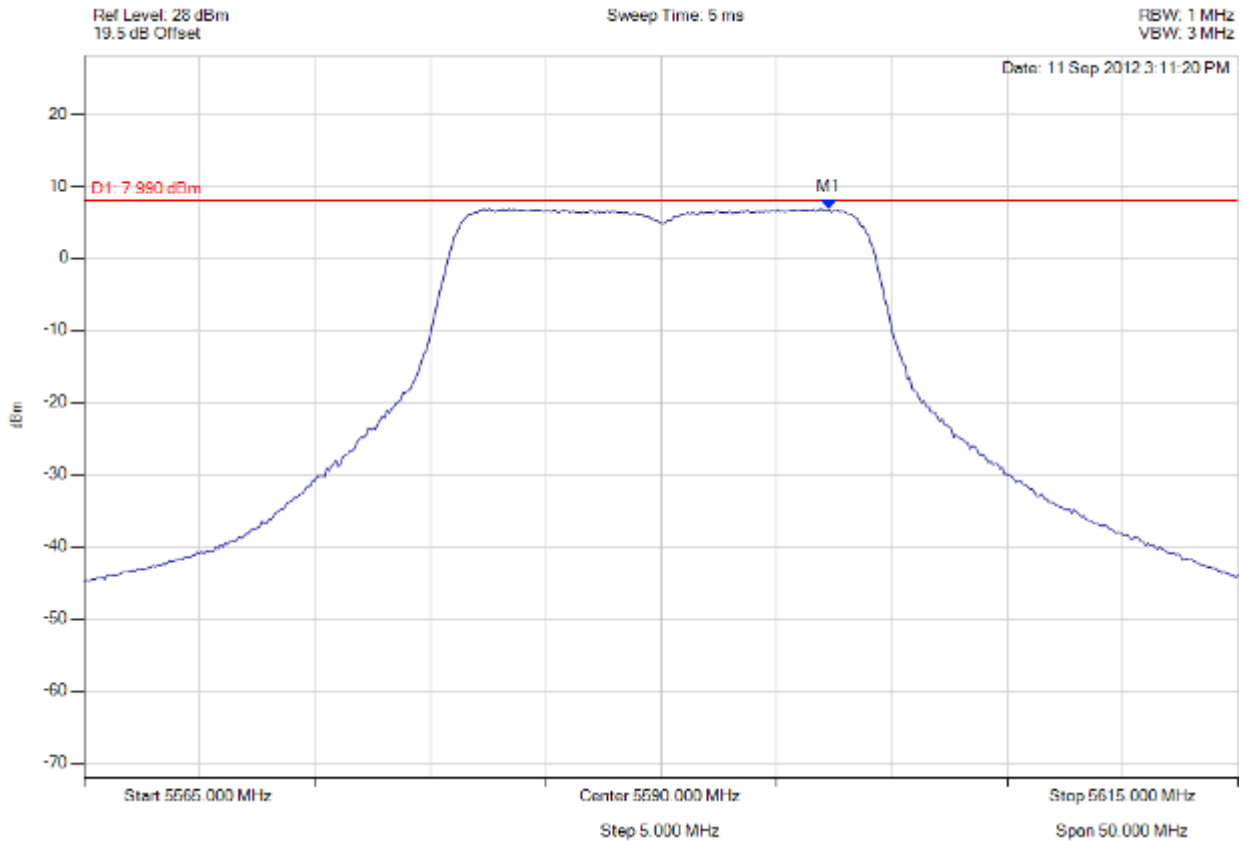
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



power density

Variant: 20 MHz, Channel: 5590.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5597.265 MHz : 6.809 dBm	Limit: 4.990 dBm Margin: 1.82 dB

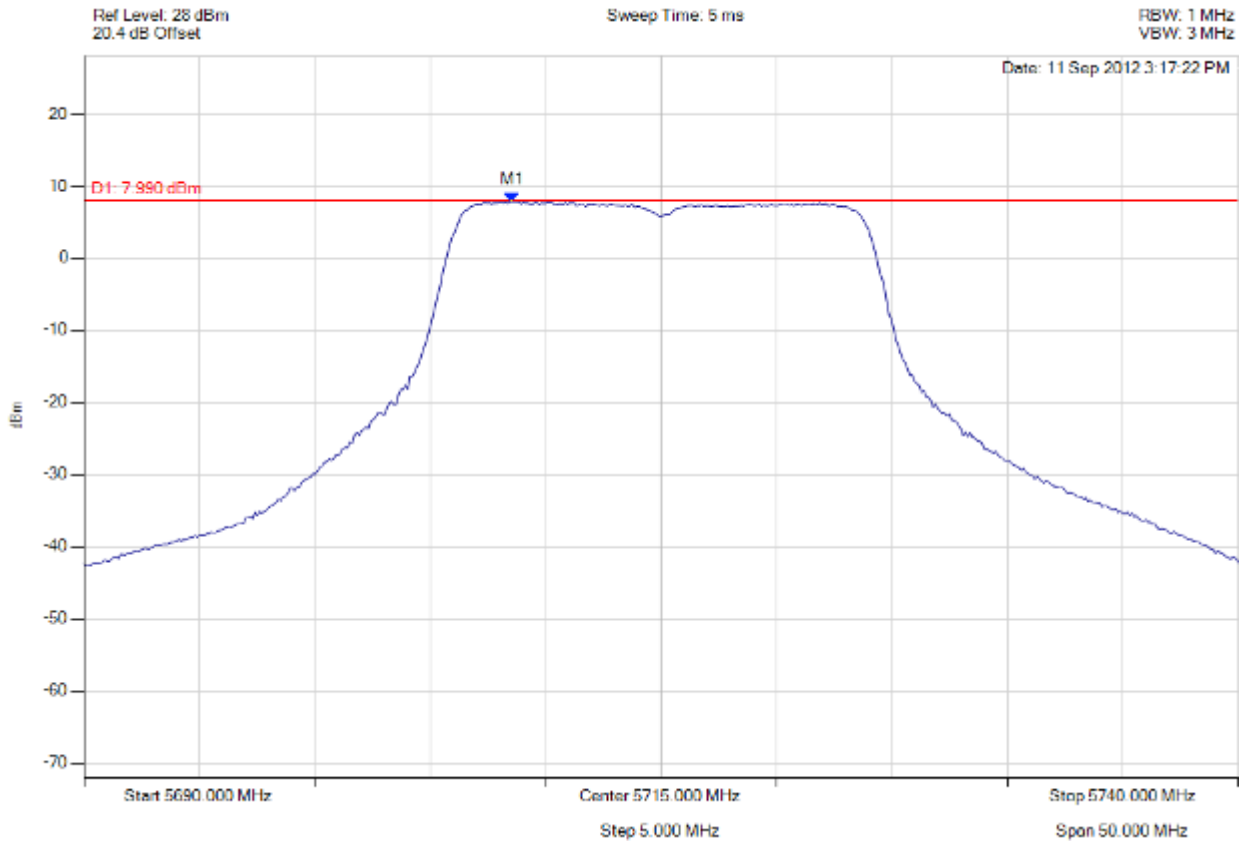
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



power density

Variant: 20 MHz, Channel: 5715.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5708.537 MHz : 7.844 dBm	Limit: 4.990 dBm Margin: 2.85 dB

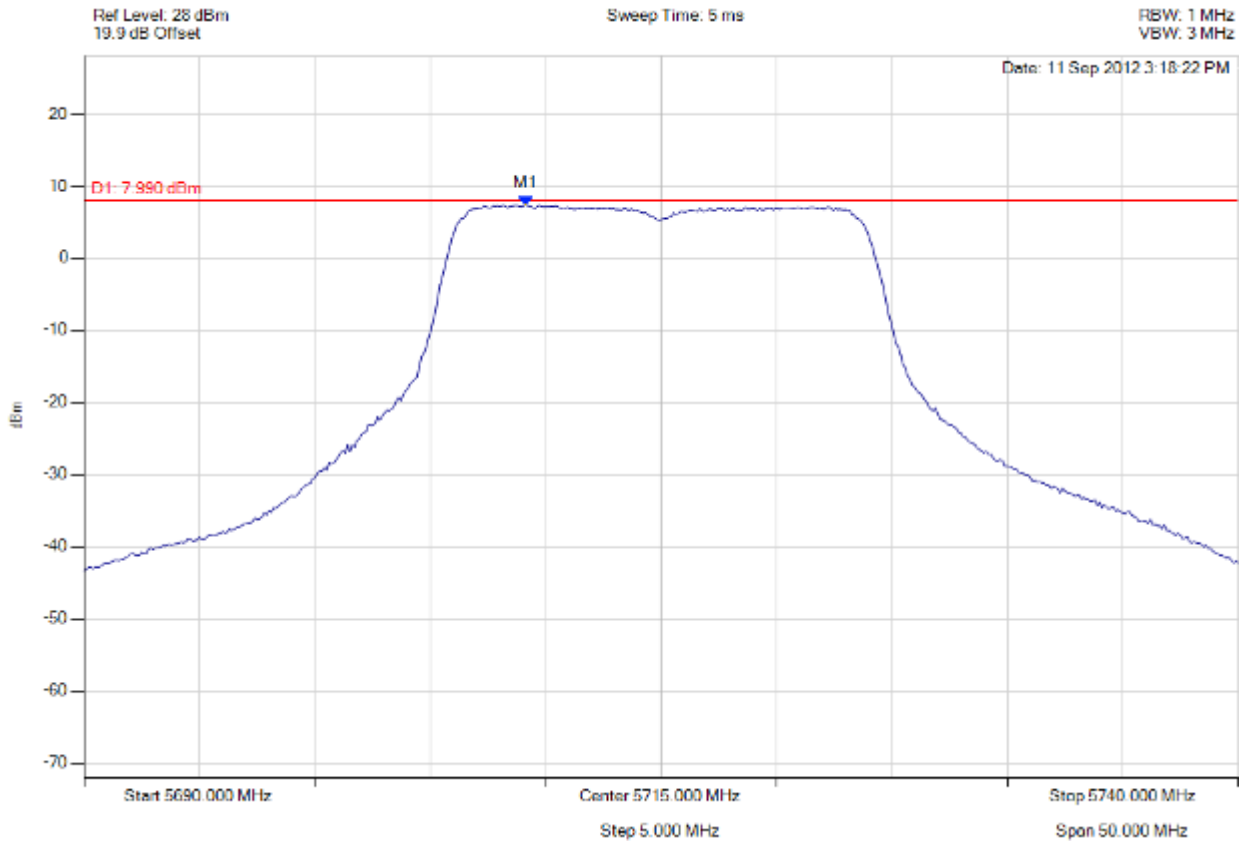
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



power density

Variant: 20 MHz, Channel: 5715.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Detector = RMS Sweep Count = 100 RF Atten (dB) = 20 Trace Mode = VIEW	M1 : 5709.138 MHz : 7.348 dBm	Limit: 4.990 dBm Margin: 2.36 dB

[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.

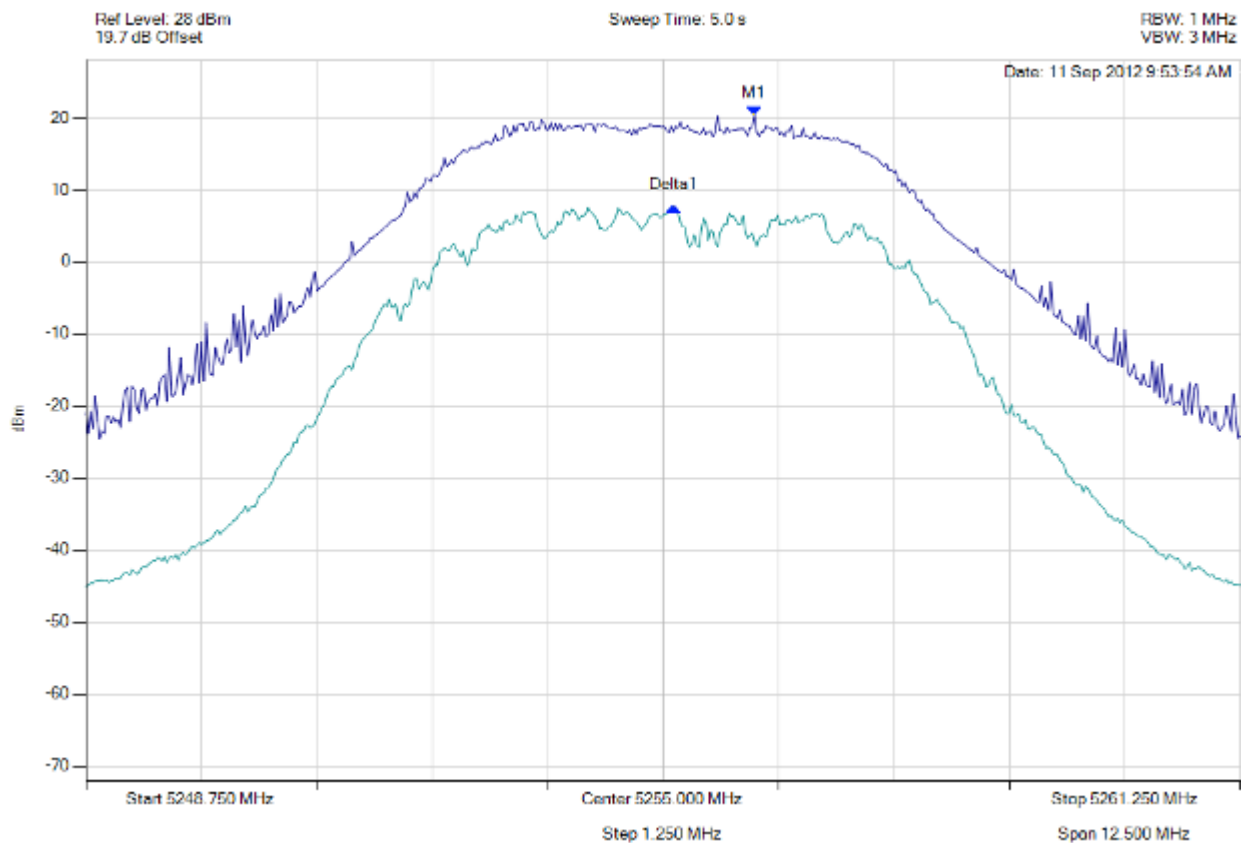


A.1.3. Peak Excursion Ratio



peak excursion

Variant: 5 MHz, Channel: 5255.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 30 TRACE 1 Detector = MAX PEAK Trace Mode = VIEW TRACE 2 Detector = RMS Trace Mode = VIEW	M1 : 5255.989 MHz : 20.244 dBm Delta1 : -876754 Hz : -12.577 dB	Measured Excursion Ratio: 12.58 dB Limit: -13.0 dB Margin: -0.42 dB

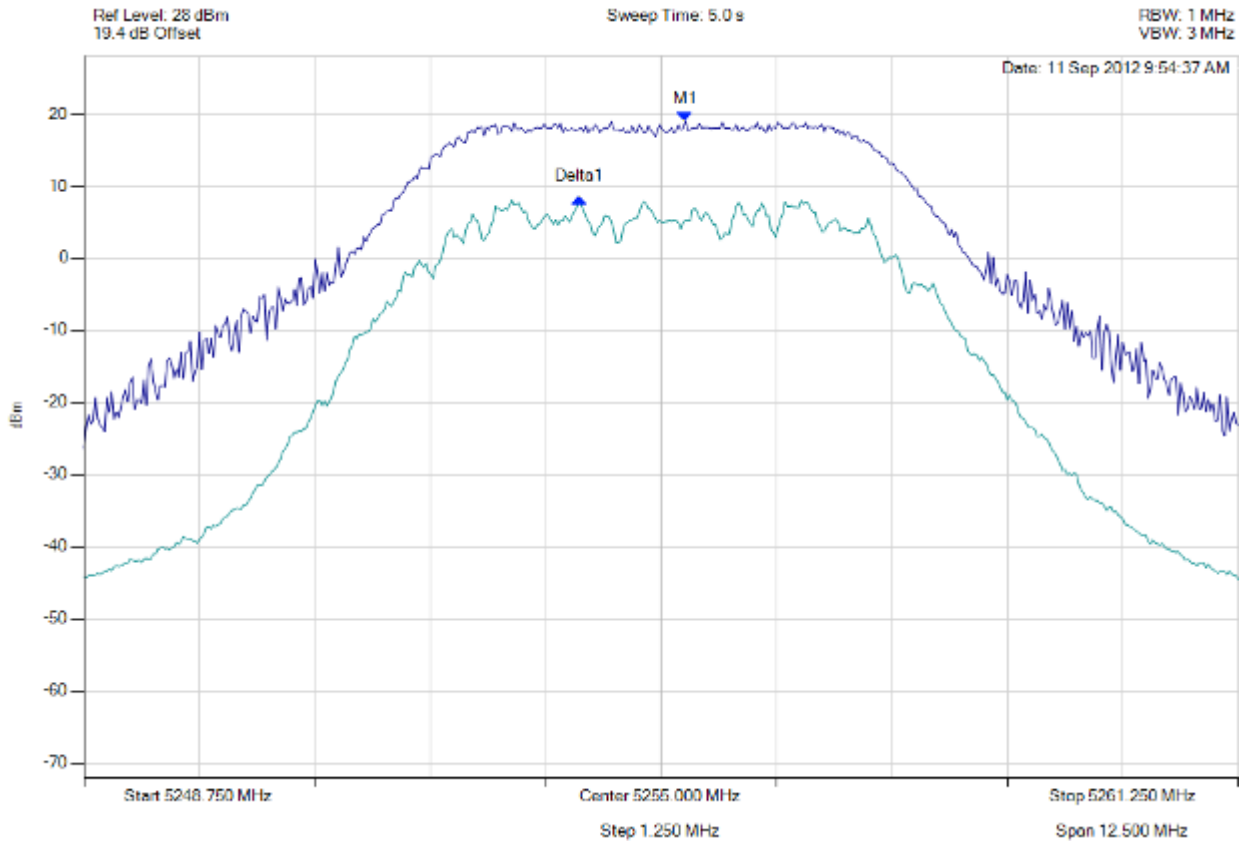
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



peak excursion

Variant: 5 MHz, Channel: 5255.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 30 TRACE 1 Detector = MAX PEAK Trace Mode = VIEW TRACE 2 Detector = RMS Trace Mode = VIEW	M1 : 5255.263 MHz : 18.937 dBm Delta1 : -1152305 Hz : -10.649 dB	Measured Excursion Ratio: 10.65 dB Limit: -13.0 dB Margin: -2.35 dB

[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.

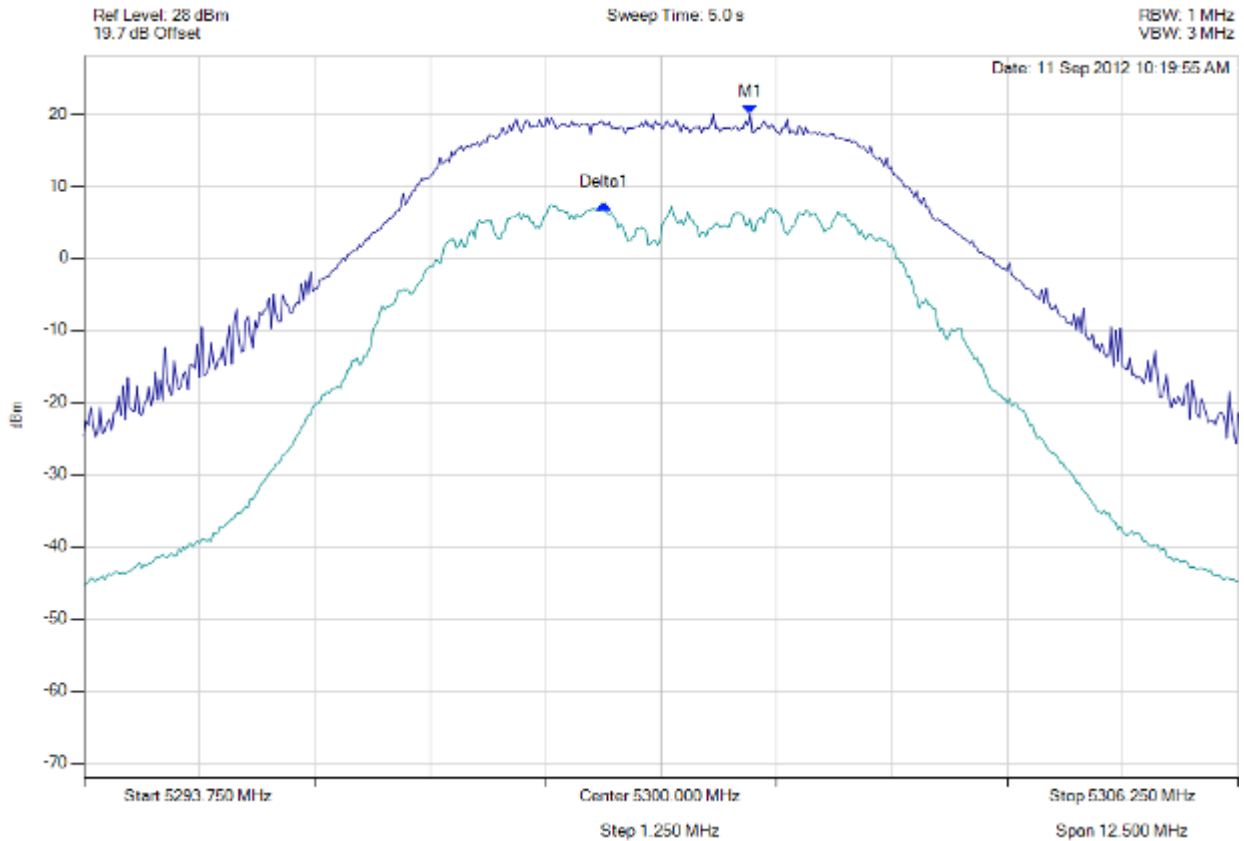


Title: AP0127730, AP0134760
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: RDWN12-U2 Rev B
Issue Date: 18th January 2013
Page: 238 of 272



peak excursion

Variant: 5 MHz, Channel: 5300.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 30 TRACE 1 Detector = MAX PEAK Trace Mode = VIEW TRACE 2 Detector = RMS Trace Mode = VIEW	M1 : 5300.964 MHz : 20.034 dBm Delta1 : -1578156 Hz : -12.630 dB	Measured Excursion Ratio: 12.63 dB Limit: -13.0 dB Margin: -0.37 dB

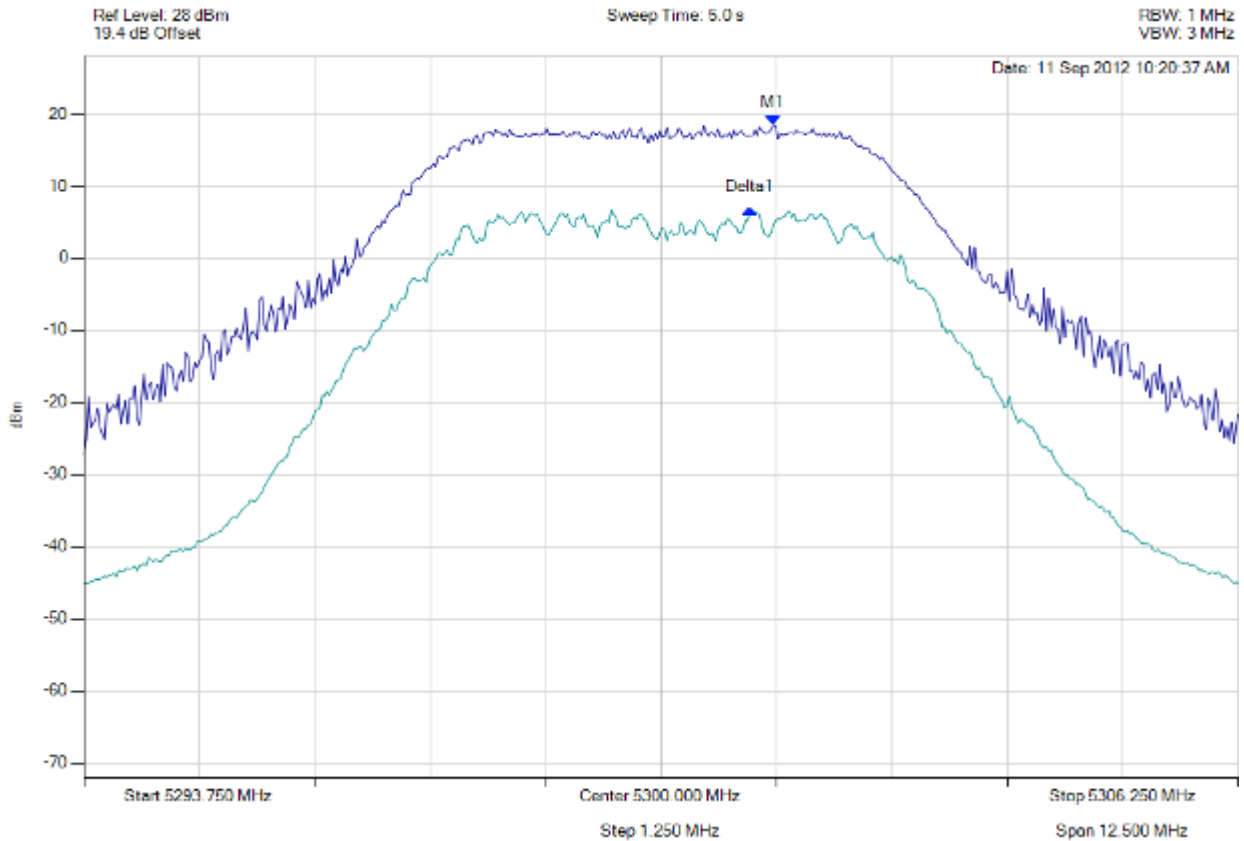
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



peak excursion

Variant: 5 MHz, Channel: 5300.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 30 TRACE 1 Detector = MAX PEAK Trace Mode = VIEW TRACE 2 Detector = RMS Trace Mode = VIEW	M1 : 5301.215 MHz : 18.461 dBm Delta1 : -250501 Hz : -11.617 dB	Measured Excursion Ratio: 11.62 dB Limit: -13.0 dB Margin: -1.38 dB

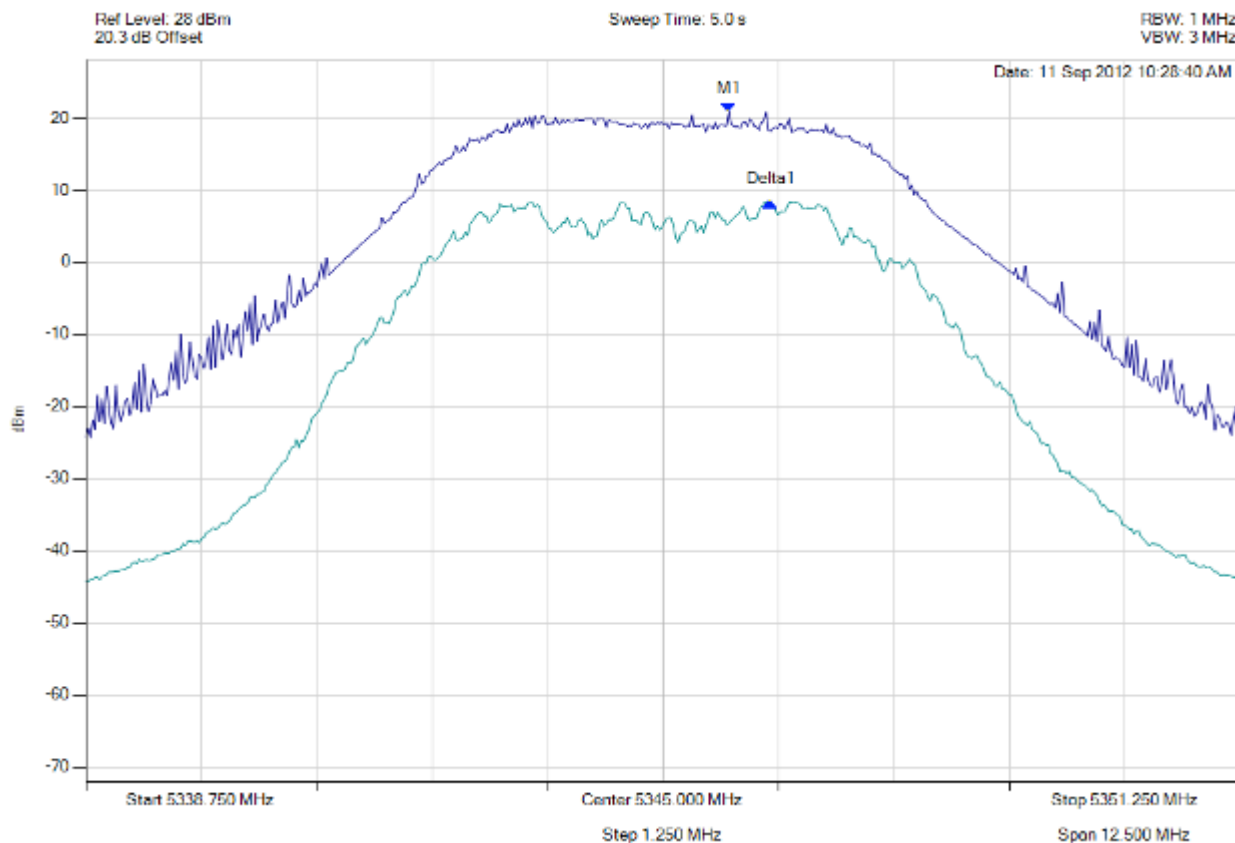
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



peak excursion

Variant: 5 MHz, Channel: 5345.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 30 TRACE 1 Detector = MAX PEAK Trace Mode = VIEW TRACE 2 Detector = RMS Trace Mode = VIEW	M1 : 5345.714 MHz : 20.886 dBm Delta1 : 451 KHz : -12.501 dB	Measured Excursion Ratio: 12.50 dB Limit: -13.0 dB Margin: -0.50 dB

[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.

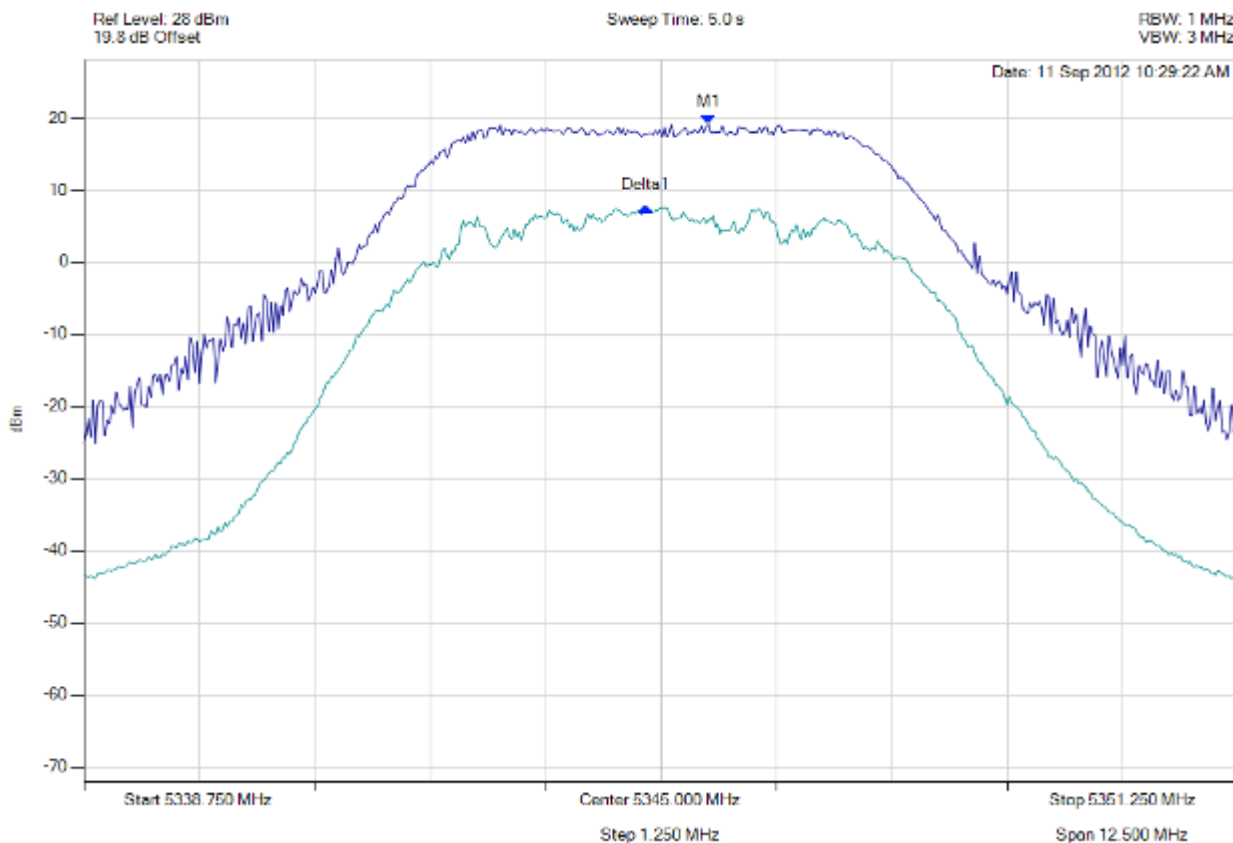


Title: AP0127730, AP0134760
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: RDWN12-U2 Rev B
Issue Date: 18th January 2013
Page: 241 of 272



peak excursion

Variant: 5 MHz, Channel: 5345.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 30 TRACE 1 Detector = MAX PEAK Trace Mode = VIEW TRACE 2 Detector = RMS Trace Mode = VIEW	M1 : 5345.514 MHz : 19.141 dBm Delta1 : -676353 Hz : -11.570 dB	Measured Excursion Ratio: 11.57 dB Limit: -13.0 dB Margin: -1.43 dB

[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.

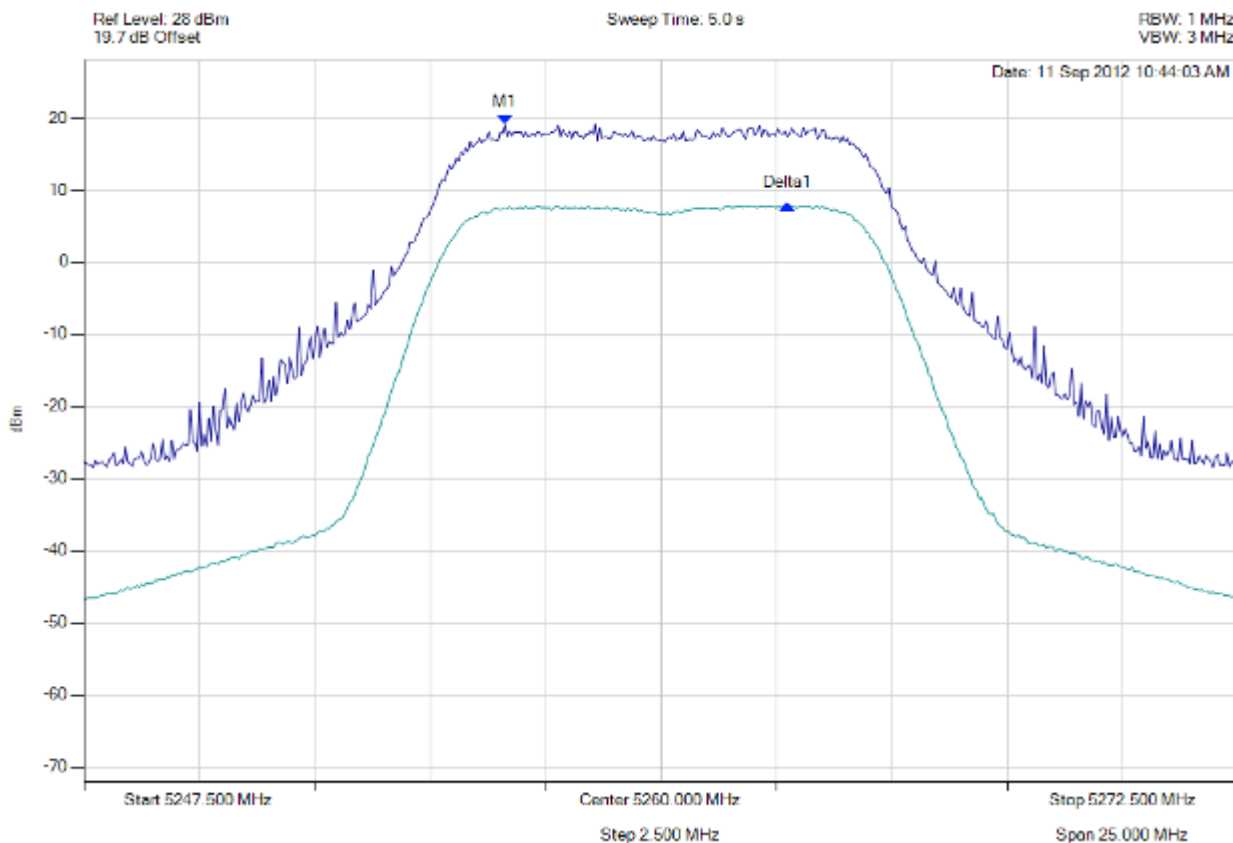


Title: AP0127730, AP0134760
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: RDWN12-U2 Rev B
Issue Date: 18th January 2013
Page: 242 of 272



peak excursion

Variant: 10 MHz, Channel: 5260.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 30 TRACE 1 Detector = MAX PEAK Trace Mode = VIEW TRACE 2 Detector = RMS Trace Mode = VIEW	M1 : 5256.618 MHz : 19.135 dBm Delta1 : 6.112 MHz : -11.137 dB	Measured Excursion Ratio: 11.14 dB Limit: -13.0 dB Margin: -1.86 dB

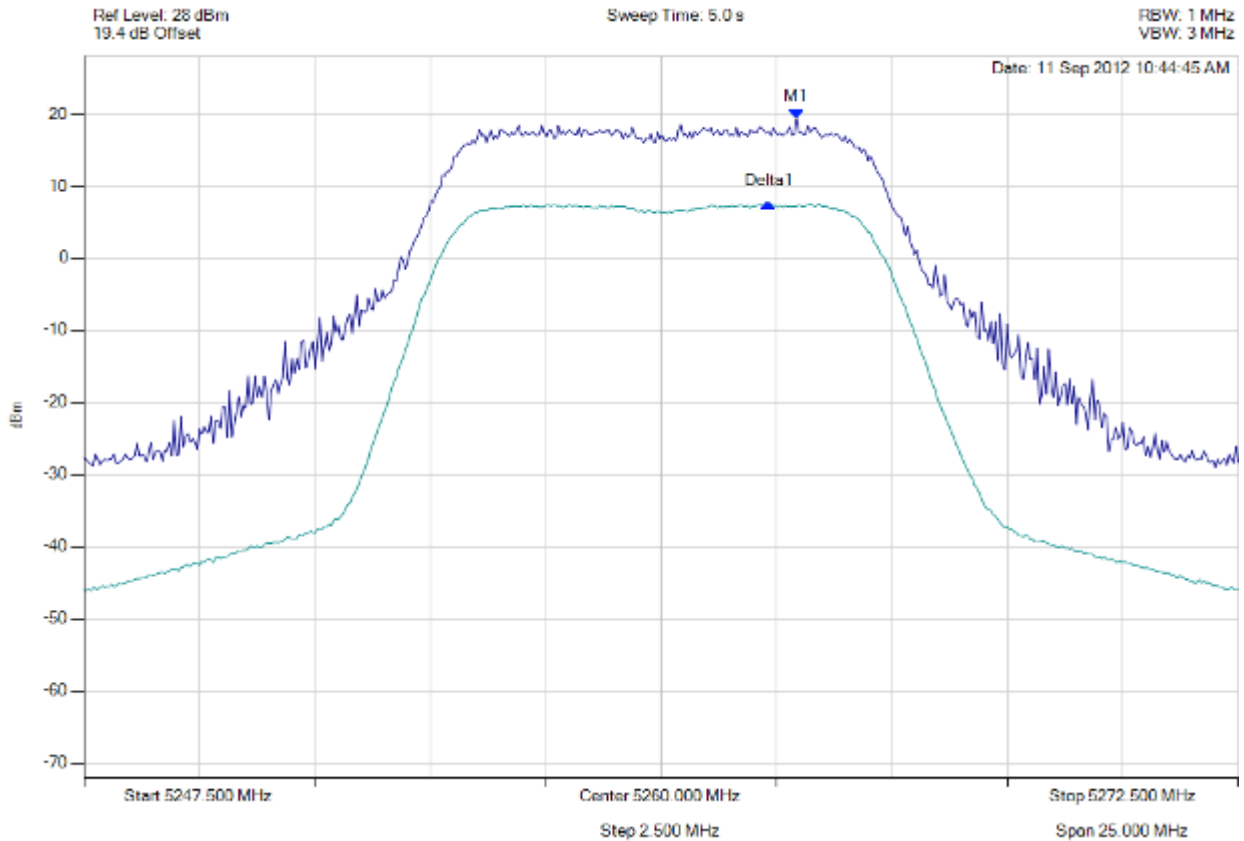
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



peak excursion

Variant: 10 MHz, Channel: 5260.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 30 TRACE 1 Detector = MAX PEAK Trace Mode = VIEW TRACE 2 Detector = RMS Trace Mode = VIEW	M1 : 5262.931 MHz : 19.313 dBm Delta1 : -601202 Hz : -11.713 dB	Measured Excursion Ratio: 11.71 dB Limit: -13.0 dB Margin: -1.29 dB

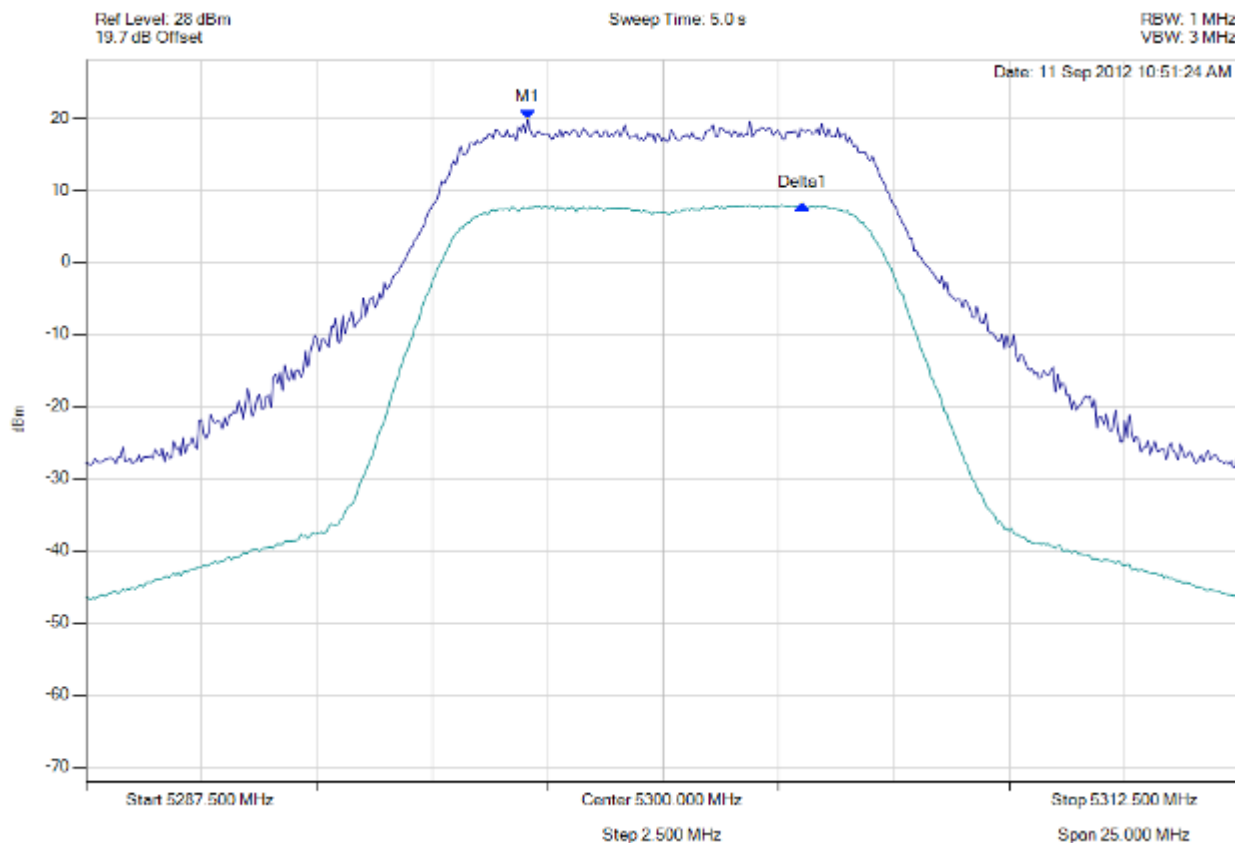
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



peak excursion

Variant: 10 MHz, Channel: 5300.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 30 TRACE 1 Detector = MAX PEAK Trace Mode = VIEW TRACE 2 Detector = RMS Trace Mode = VIEW	M1 : 5297.069 MHz : 19.763 dBm Delta1 : 5.962 MHz : -11.803 dB	Measured Excursion Ratio: 11.80 dB Limit: -13.0 dB Margin: -1.20 dB

[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.

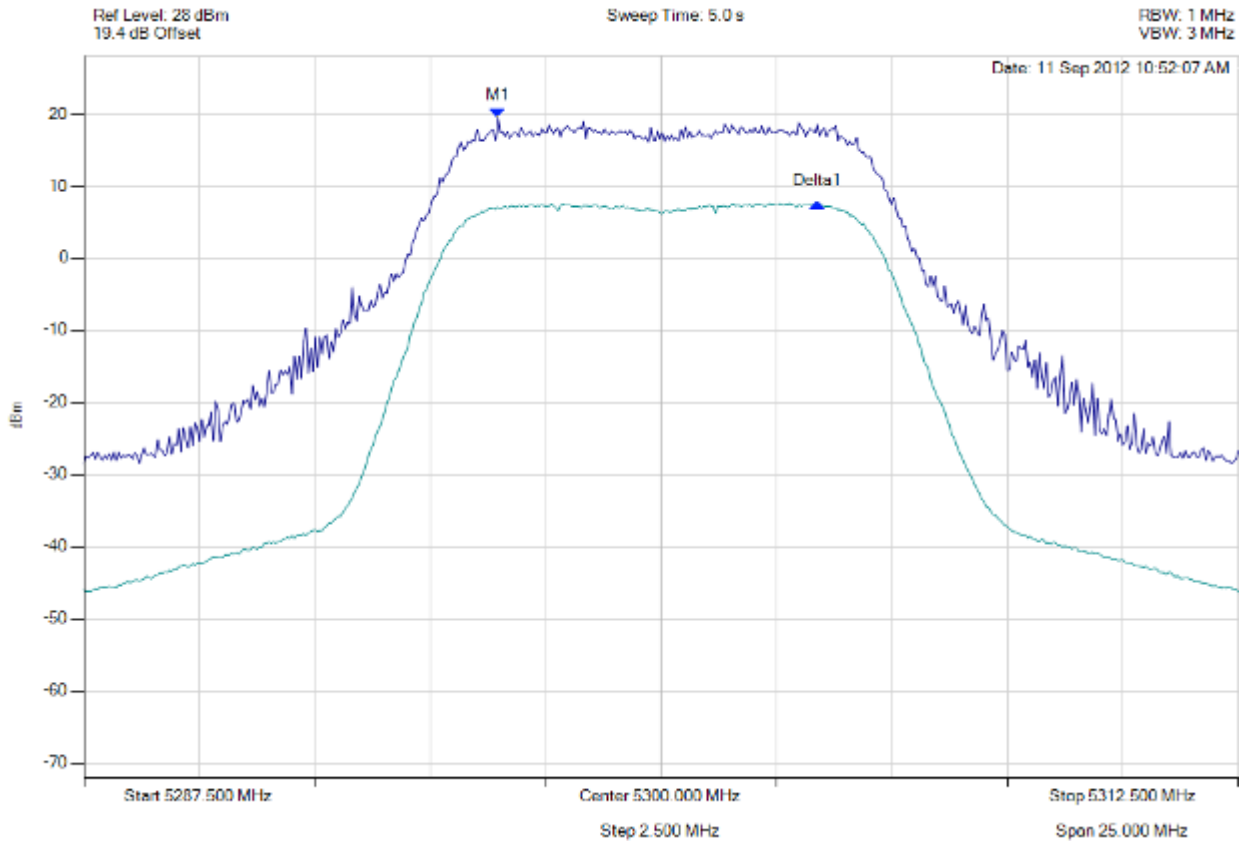


Title: AP0127730, AP0134760
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: RDWN12-U2 Rev B
Issue Date: 18th January 2013
Page: 245 of 272



peak excursion

Variant: 10 MHz, Channel: 5300.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 30 TRACE 1 Detector = MAX PEAK Trace Mode = VIEW TRACE 2 Detector = RMS Trace Mode = VIEW	M1 : 5296.468 MHz : 19.455 dBm Delta1 : 6.914 MHz : -11.826 dB	Measured Excursion Ratio: 11.83 dB Limit: -13.0 dB Margin: -1.17 dB

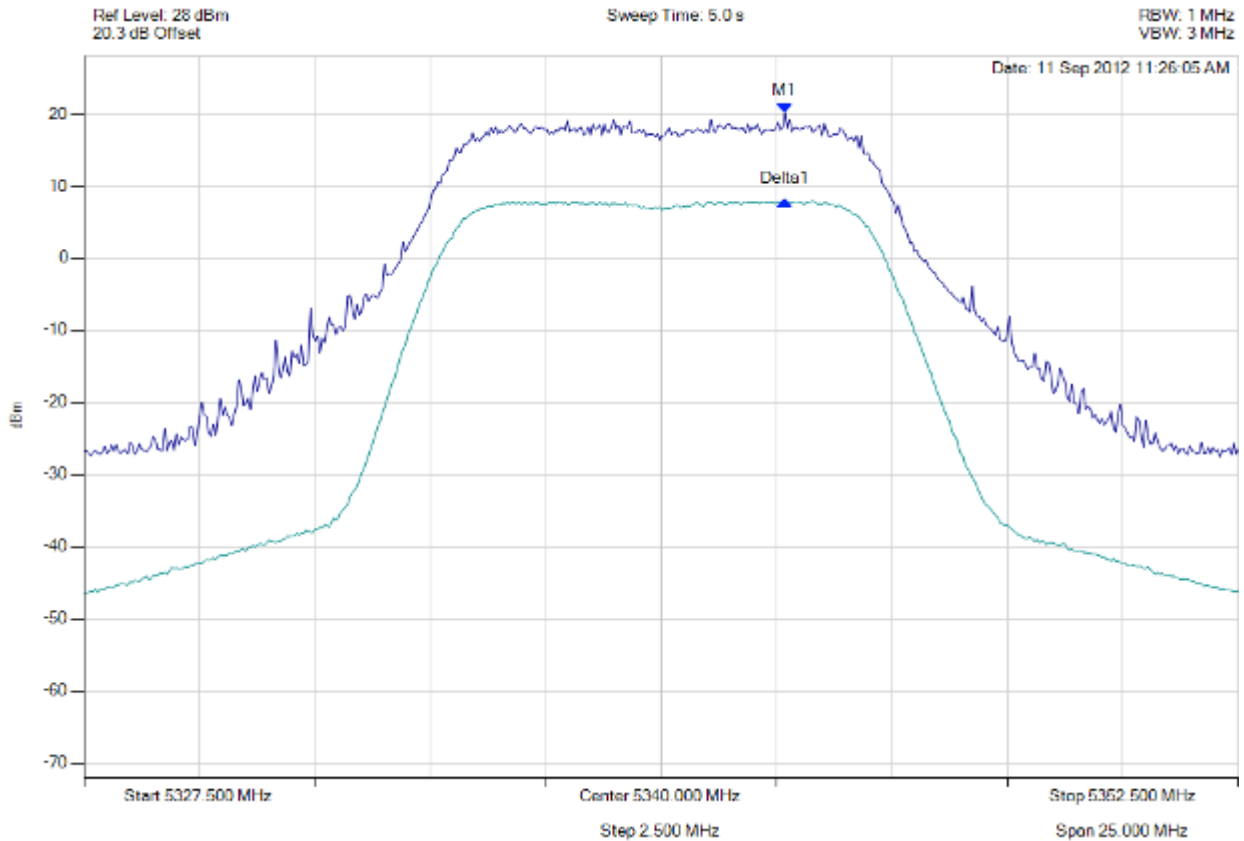
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



peak excursion

Variant: 10 MHz, Channel: 5340.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 30 TRACE 1 Detector = MAX PEAK Trace Mode = VIEW TRACE 2 Detector = RMS Trace Mode = VIEW	M1 : 5342.680 MHz : 20.153 dBm Delta1 : 0 Hz : -12.184 dB	Measured Excursion Ratio: 12.18 dB Limit: -13.0 dB Margin: -0.82 dB

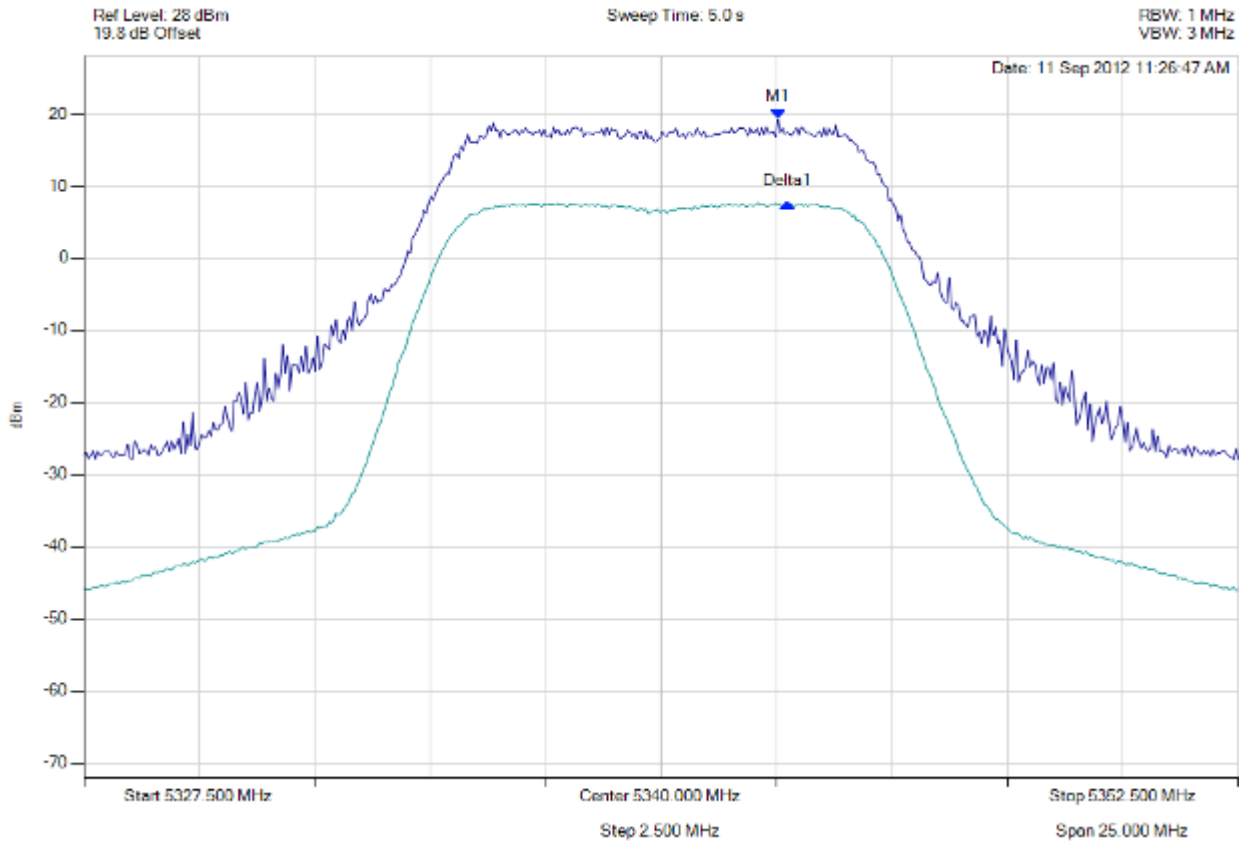
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



peak excursion

Variant: 10 MHz, Channel: 5340.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 30 TRACE 1 Detector = MAX PEAK Trace Mode = VIEW TRACE 2 Detector = RMS Trace Mode = VIEW	M1 : 5342.530 MHz : 19.270 dBm Delta1 : 200 KHz : -11.653 dB	Measured Excursion Ratio: 11.65 dB Limit: -13.0 dB Margin: -1.35 dB

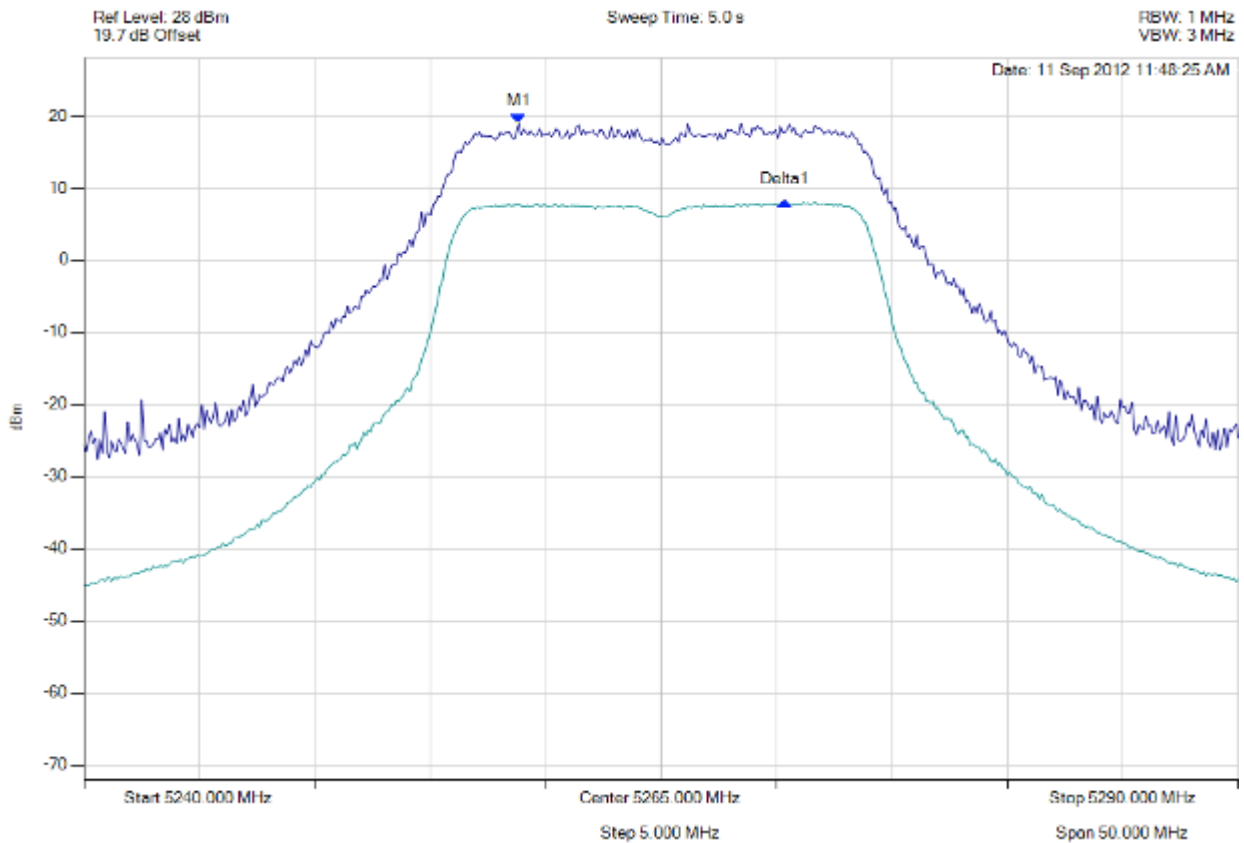
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



peak excursion

Variant: 20 MHz, Channel: 5265.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 30 TRACE 1 Detector = MAX PEAK Trace Mode = VIEW TRACE 2 Detector = RMS Trace Mode = VIEW	M1 : 5258.838 MHz : 18.907 dBm Delta1 : 11.523 MHz : -10.804 dB	Measured Excursion Ratio: 10.80 dB Limit: -13.0 dB Margin: -2.20 dB

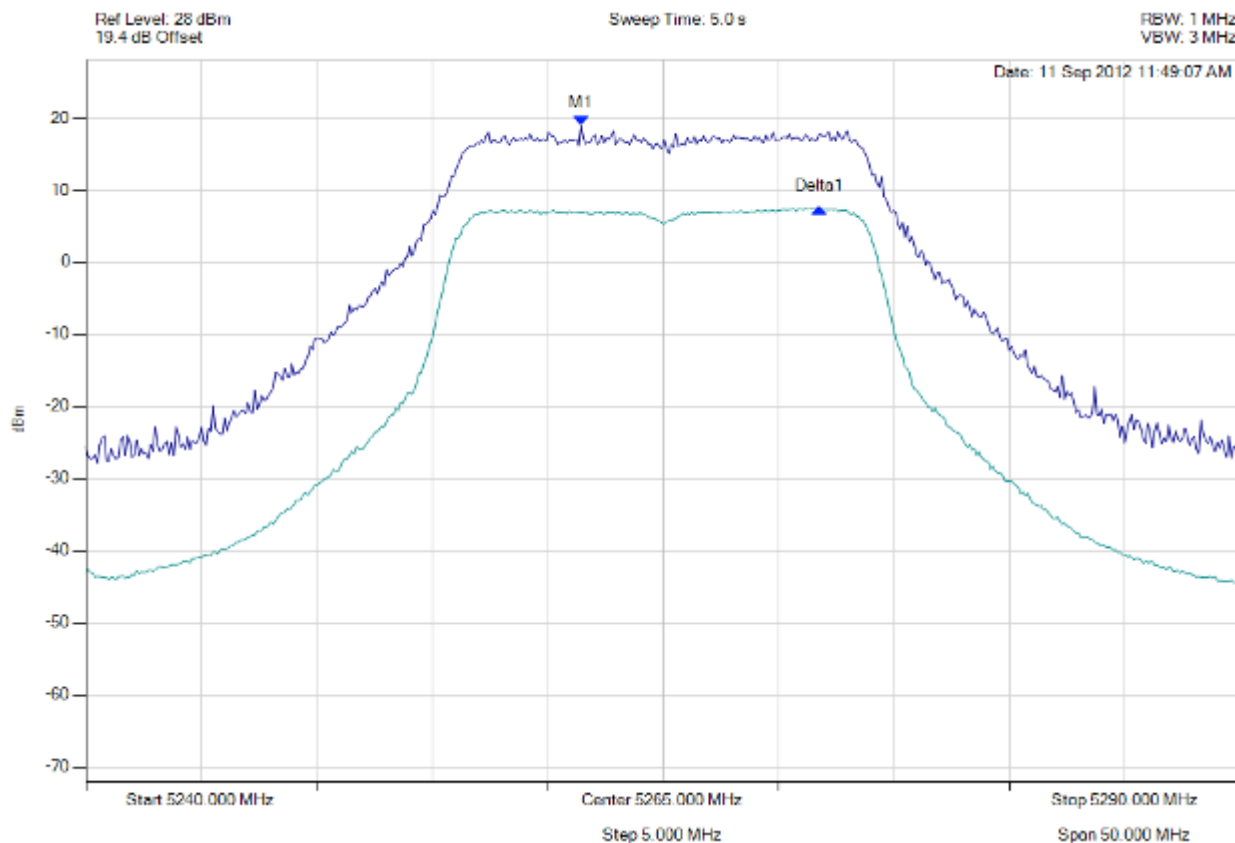
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



peak excursion

Variant: 20 MHz, Channel: 5265.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 30 TRACE 1 Detector = MAX PEAK Trace Mode = VIEW TRACE 2 Detector = RMS Trace Mode = VIEW	M1 : 5261.443 MHz : 19.006 dBm Delta1 : 10.321 MHz : -11.550 dB	Measured Excursion Ratio: 11.55 dB Limit: -13.0 dB Margin: -1.45 dB

[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.

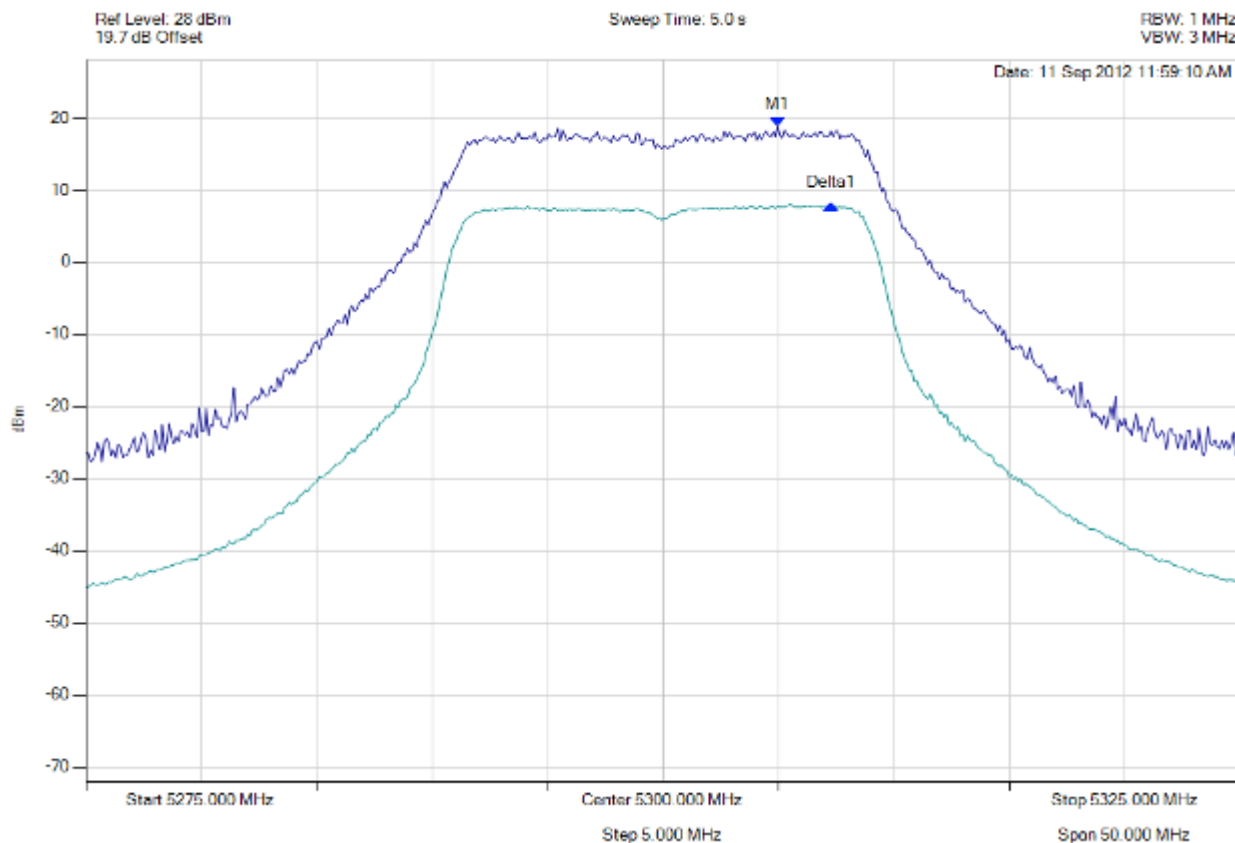


Title: AP0127730, AP0134760
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: RDWN12-U2 Rev B
Issue Date: 18th January 2013
Page: 250 of 272



peak excursion

Variant: 20 MHz, Channel: 5300.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 30 TRACE 1 Detector = MAX PEAK Trace Mode = VIEW TRACE 2 Detector = RMS Trace Mode = VIEW	M1 : 5304.960 MHz : 18.851 dBm Delta1 : 2.305 MHz : -10.808 dB	Measured Excursion Ratio: 10.81 dB Limit: -13.0 dB Margin: -2.19 dB

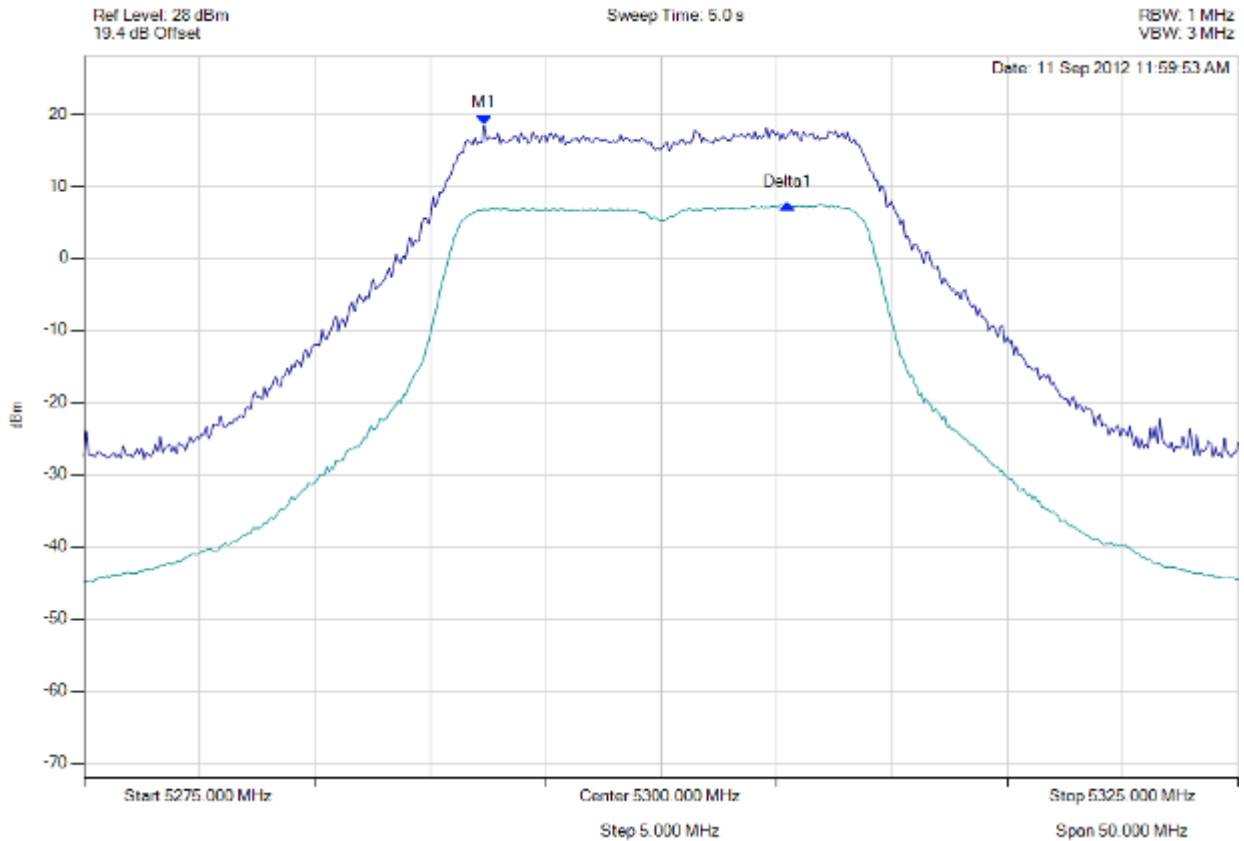
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



peak excursion

Variant: 20 MHz, Channel: 5300.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 30 TRACE 1 Detector = MAX PEAK Trace Mode = VIEW TRACE 2 Detector = RMS Trace Mode = VIEW	M1 : 5292.335 MHz : 18.404 dBm Delta1 : 5313.126 MHz : -10.939 dB	Measured Excursion Ratio: 10.94 dB Limit: -13.0 dB Margin: -2.06 dB

[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.

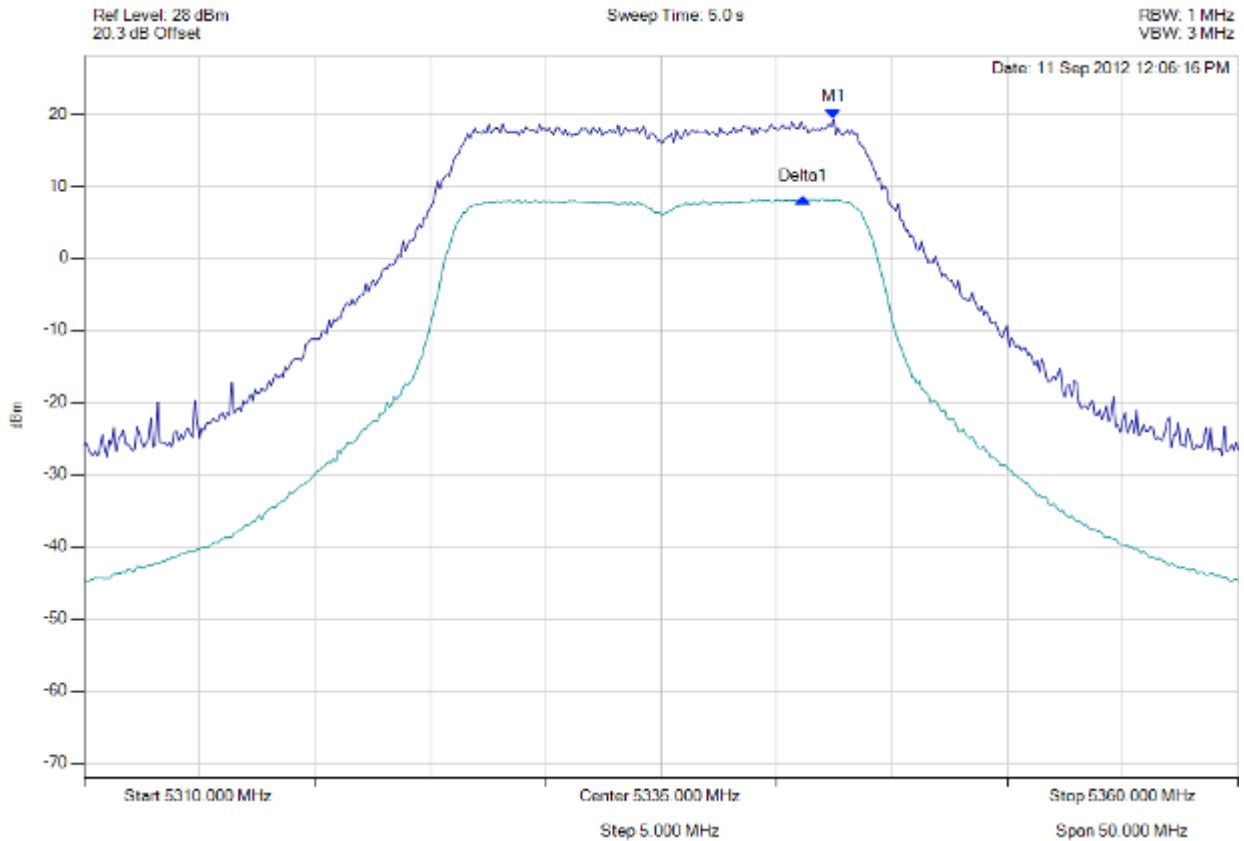


Title: AP0127730, AP0134760
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: RDWN12-U2 Rev B
Issue Date: 18th January 2013
Page: 252 of 272



peak excursion

Variant: 20 MHz, Channel: 5335.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 30 TRACE 1 Detector = MAX PEAK Trace Mode = VIEW TRACE 2 Detector = RMS Trace Mode = VIEW	M1 : 5342.465 MHz : 19.249 dBm Delta1 : -1302605 Hz : -10.981 dB	Measured Excursion Ratio: 10.98 dB Limit: -13.0 dB Margin: -2.02 dB

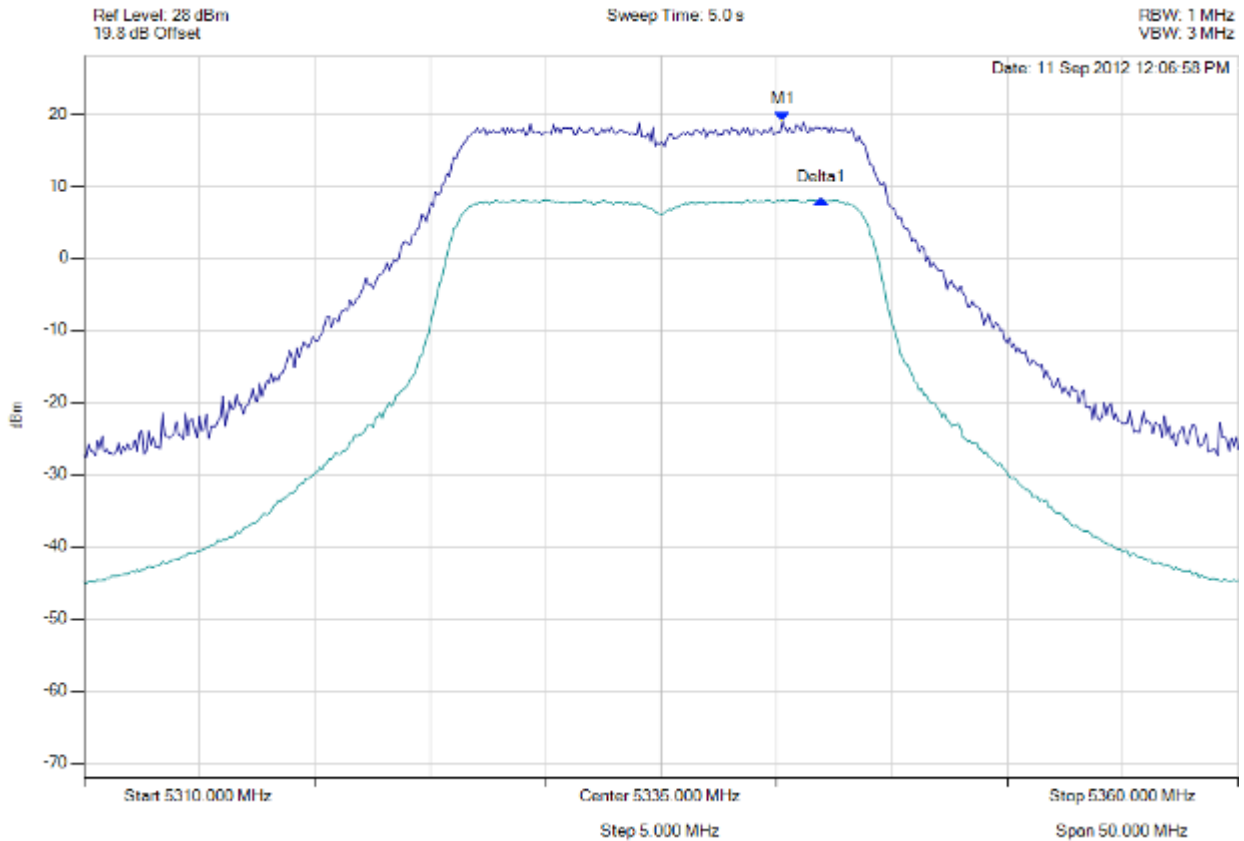
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



peak excursion

Variant: 20 MHz, Channel: 5335.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 30 TRACE 1 Detector = MAX PEAK Trace Mode = VIEW TRACE 2 Detector = RMS Trace Mode = VIEW	M1 : 5340.261 MHz : 18.922 dBm Delta1 : 1.703 MHz : -10.834 dB	Measured Excursion Ratio: 10.83 dB Limit: -13.0 dB Margin: -2.17 dB

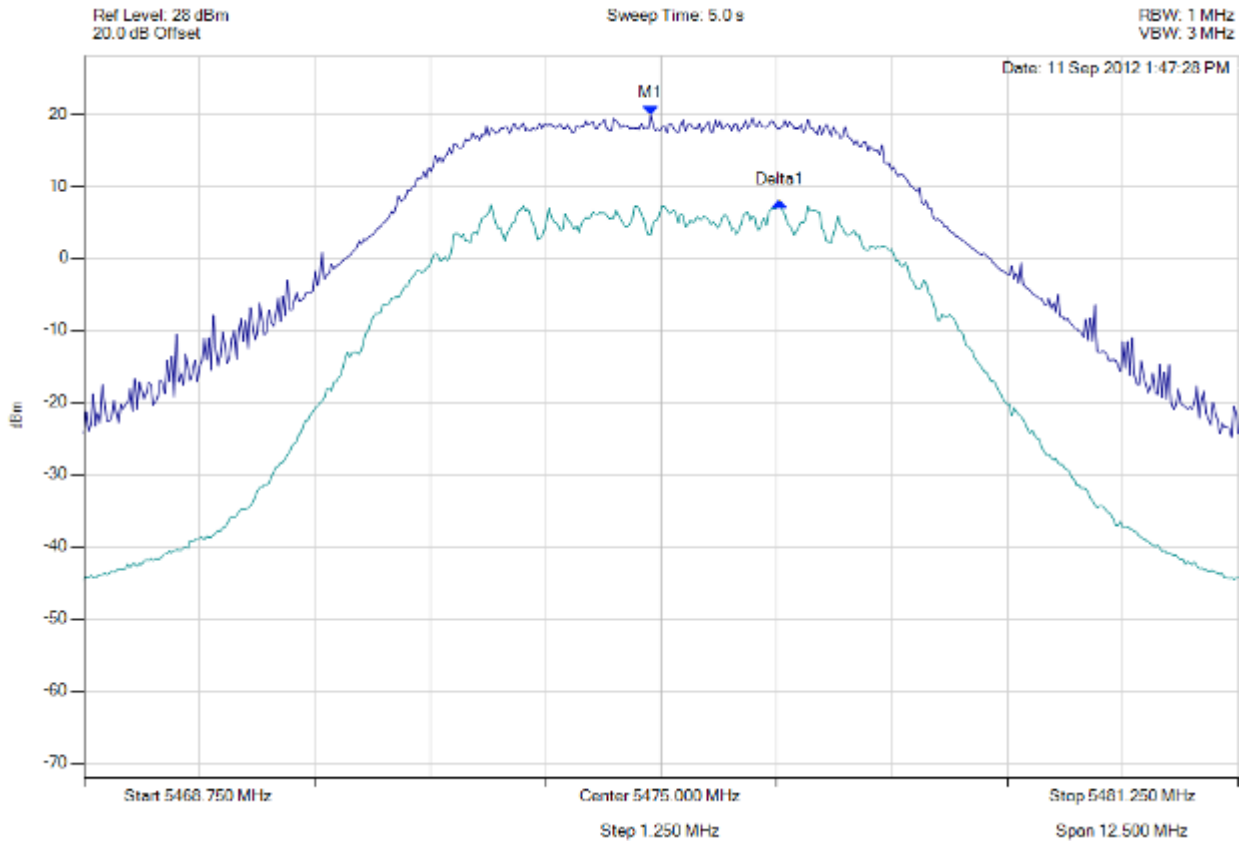
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



peak excursion

Variant: 5 MHz, Channel: 5475.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 30 TRACE 1 Detector = MAX PEAK Trace Mode = VIEW TRACE 2 Detector = RMS Trace Mode = VIEW	M1 : 5474.887 MHz : 19.797 dBm Delta1 : 1.403 MHz : -11.931 dB	Measured Excursion Ratio: 11.93 dB Limit: -13.0 dB Margin: -1.07 dB

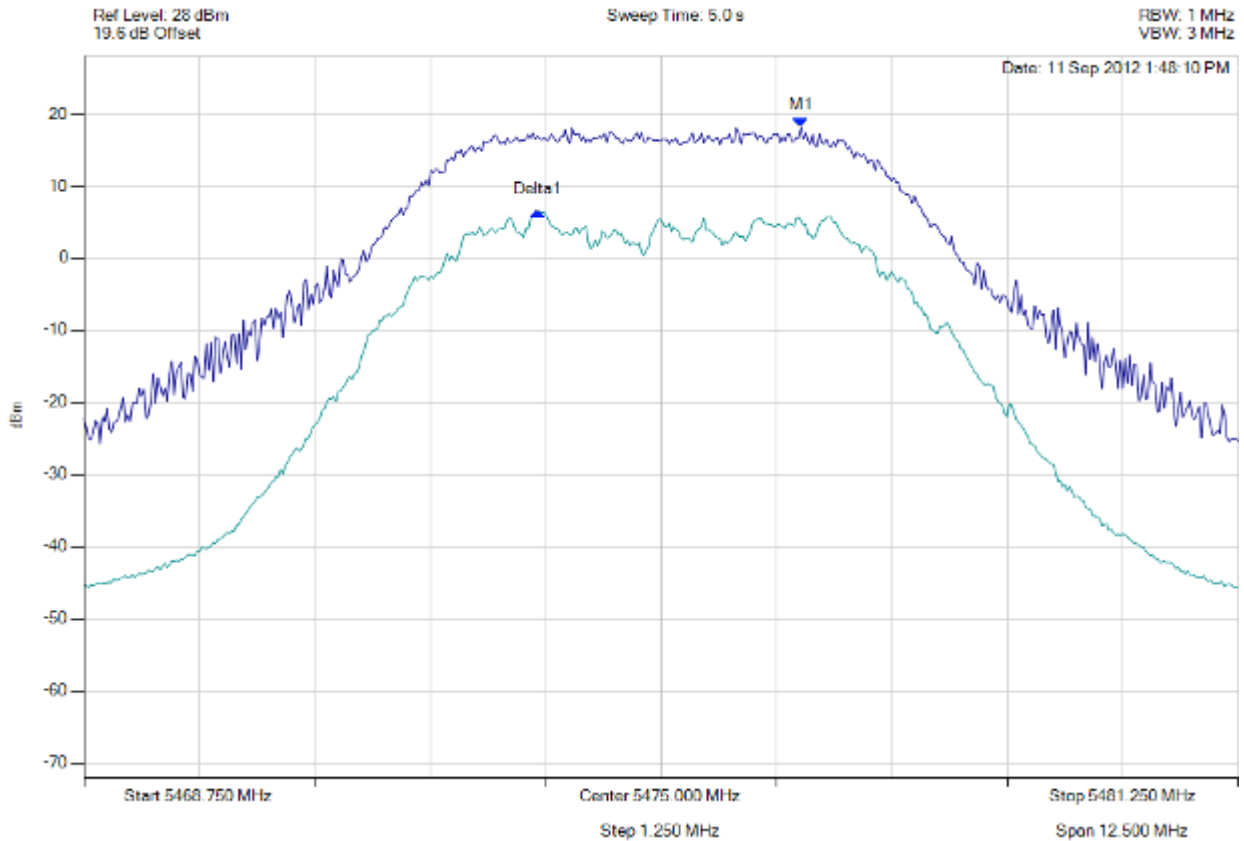
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



peak excursion

Variant: 5 MHz, Channel: 5475.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 30 TRACE 1 Detector = MAX PEAK Trace Mode = VIEW TRACE 2 Detector = RMS Trace Mode = VIEW	M1 : 5476.516 MHz : 18.074 dBm Delta1 : -2855711 Hz : -11.612 dB	Measured Excursion Ratio: 11.61 dB Limit: -13.0 dB Margin: -1.39 dB

[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.

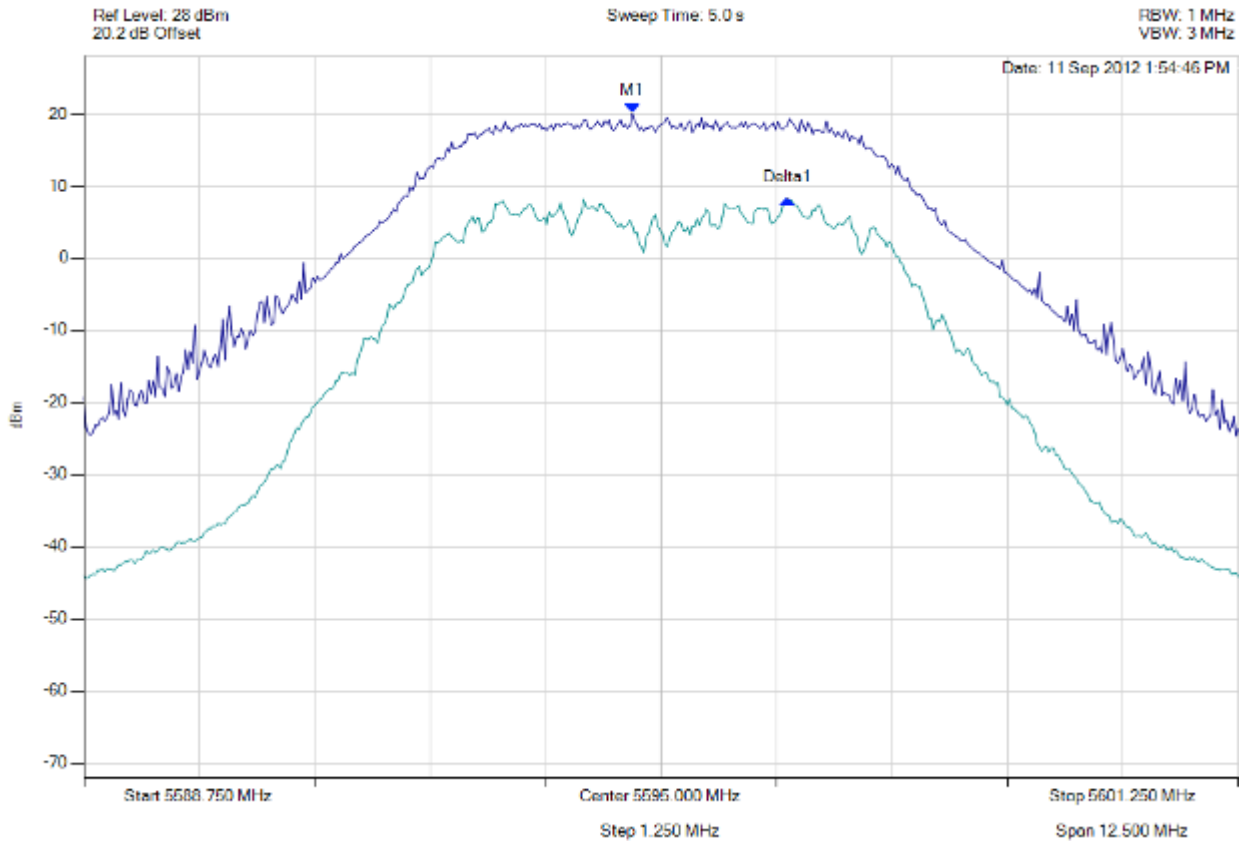


Title: AP0127730, AP0134760
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: RDWN12-U2 Rev B
Issue Date: 18th January 2013
Page: 256 of 272



peak excursion

Variant: 5 MHz, Channel: 5595.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 30 TRACE 1 Detector = MAX PEAK Trace Mode = VIEW TRACE 2 Detector = RMS Trace Mode = VIEW	M1 : 5594.687 MHz : 20.087 dBm Delta1 : 1.678 MHz : -11.933 dB	Measured Excursion Ratio: 11.93 dB Limit: -13.0 dB Margin: -1.07 dB

[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.

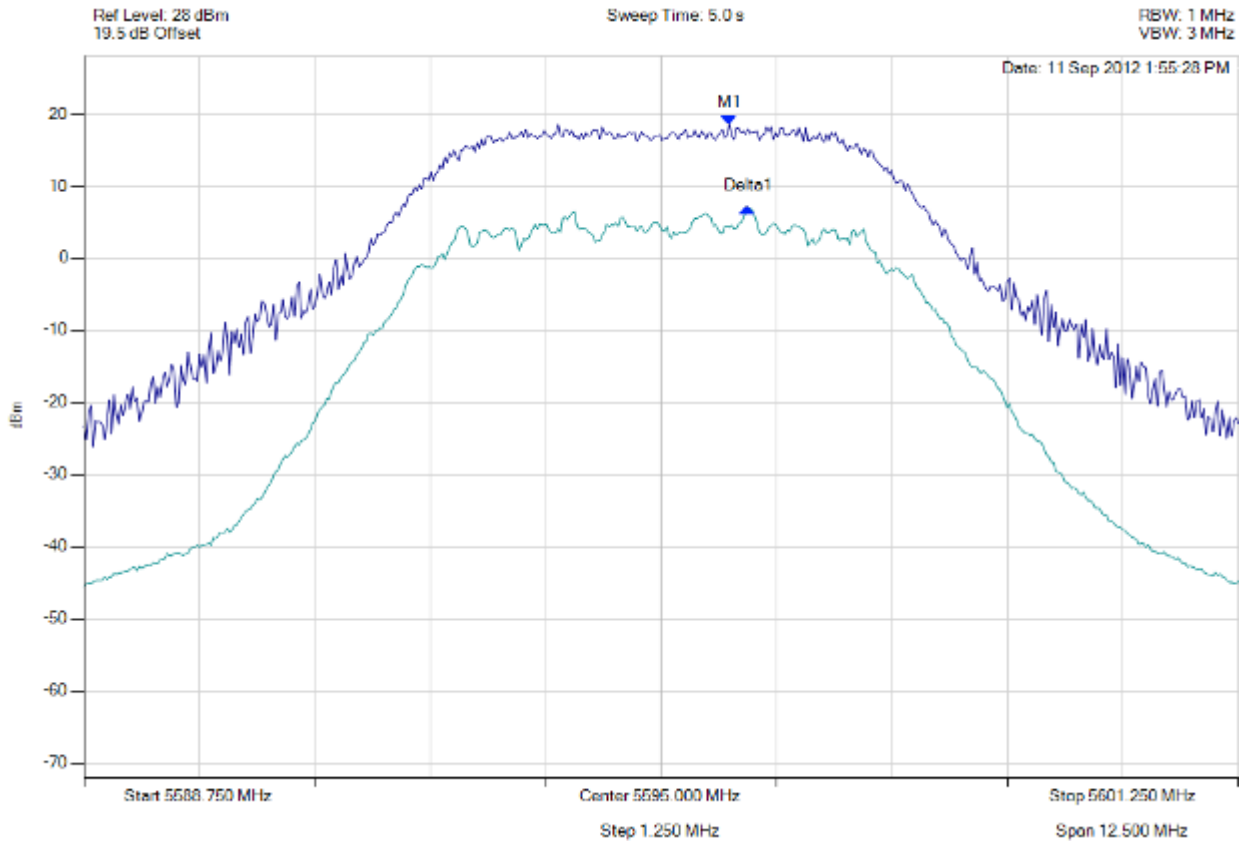


Title: AP0127730, AP0134760
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: RDWN12-U2 Rev B
Issue Date: 18th January 2013
Page: 257 of 272



peak excursion

Variant: 5 MHz, Channel: 5595.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 30 TRACE 1 Detector = MAX PEAK Trace Mode = VIEW TRACE 2 Detector = RMS Trace Mode = VIEW	M1 : 5595.739 MHz : 18.495 dBm Delta1 : 200 KHz : -11.513 dB	Measured Excursion Ratio: 11.51 dB Limit: -13.0 dB Margin: -1.49 dB

[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.

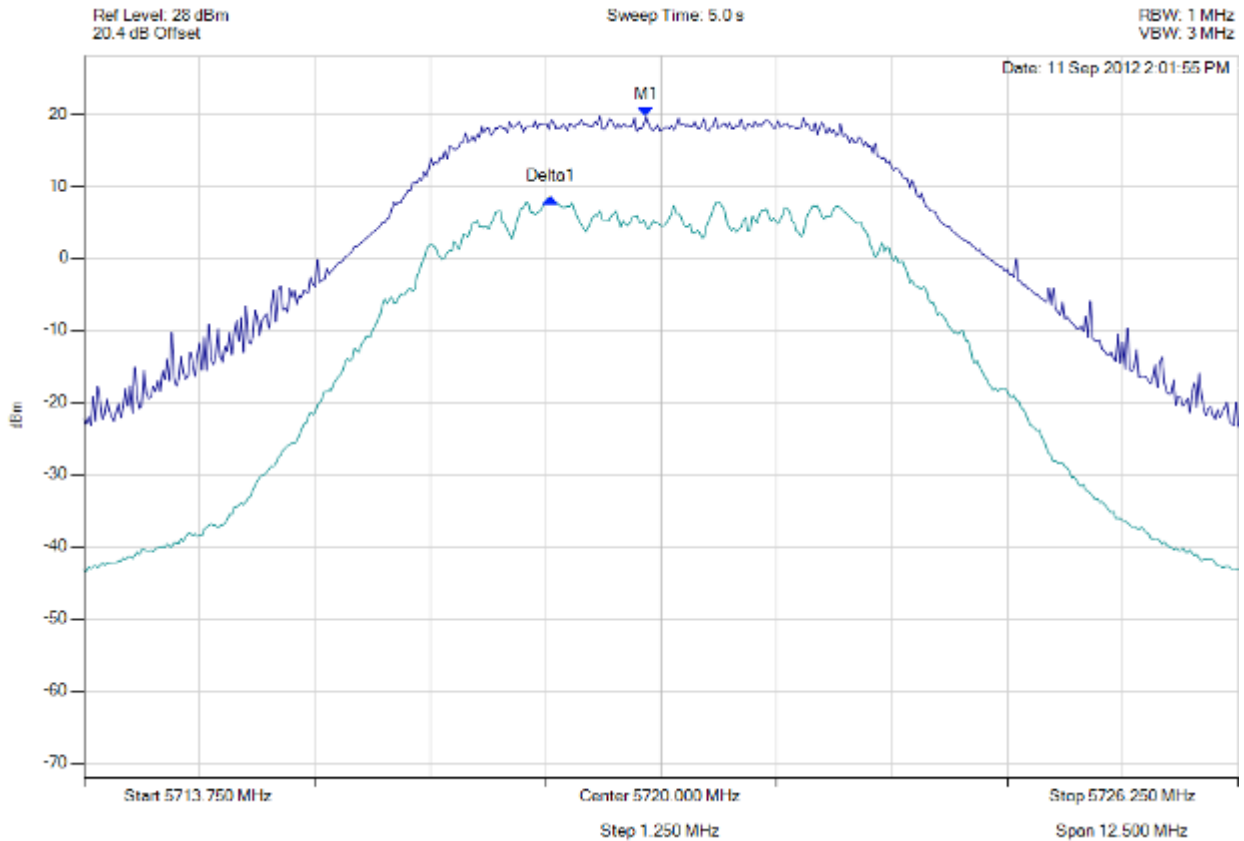


Title: AP0127730, AP0134760
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: RDWN12-U2 Rev B
Issue Date: 18th January 2013
Page: 258 of 272



peak excursion

Variant: 5 MHz, Channel: 5720.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 30 TRACE 1 Detector = MAX PEAK Trace Mode = VIEW TRACE 2 Detector = RMS Trace Mode = VIEW	M1 : 5719.837 MHz : 19.691 dBm Delta1 : -1027054 Hz : -11.341 dB	Measured Excursion Ratio: 11.34 dB Limit: -13.0 dB Margin: -1.66 dB

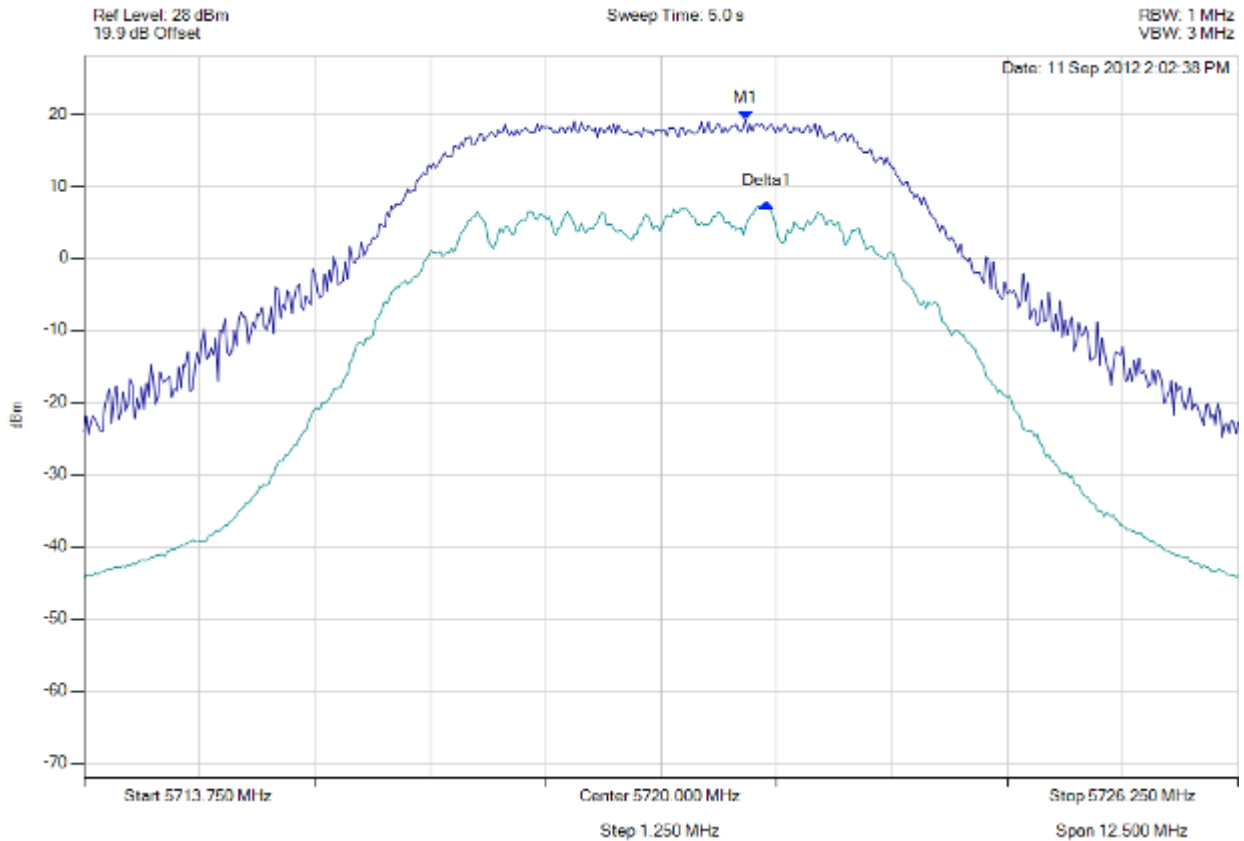
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



peak excursion

Variant: 5 MHz, Channel: 5720.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 30 TRACE 1 Detector = MAX PEAK Trace Mode = VIEW TRACE 2 Detector = RMS Trace Mode = VIEW	M1 : 5720.914 MHz : 19.208 dBm Delta1 : 225 KHz : -11.597 dB	Measured Excursion Ratio: 11.60 dB Limit: -13.0 dB Margin: -1.40 dB

[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.

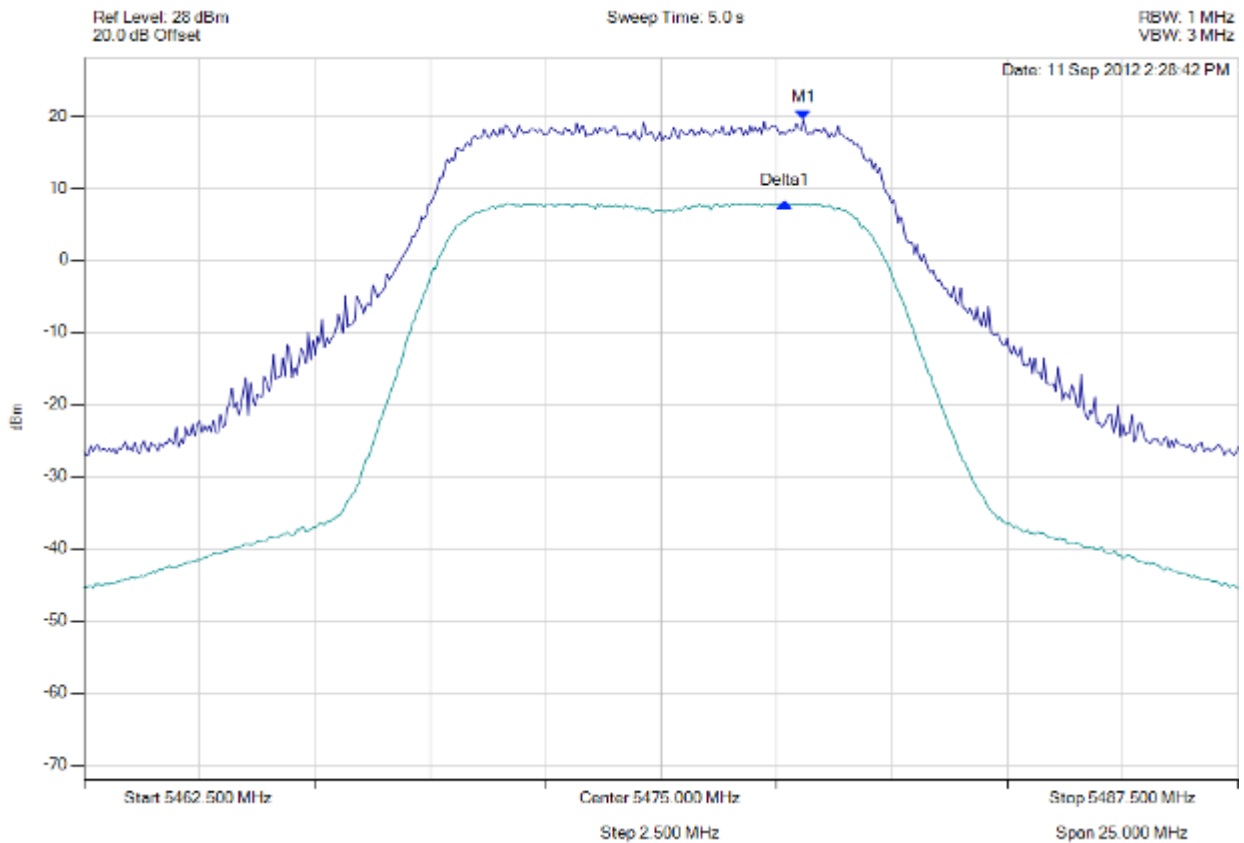


Title: AP0127730, AP0134760
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: RDWN12-U2 Rev B
Issue Date: 18th January 2013
Page: 260 of 272



peak excursion

Variant: 10 MHz, Channel: 5475.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 30 TRACE 1 Detector = MAX PEAK Trace Mode = VIEW TRACE 2 Detector = RMS Trace Mode = VIEW	M1 : 5478.081 MHz : 19.403 dBm Delta1 : -400802 Hz : -11.441 dB	Measured Excursion Ratio: 11.44 dB Limit: -13.0 dB Margin: -1.56 dB

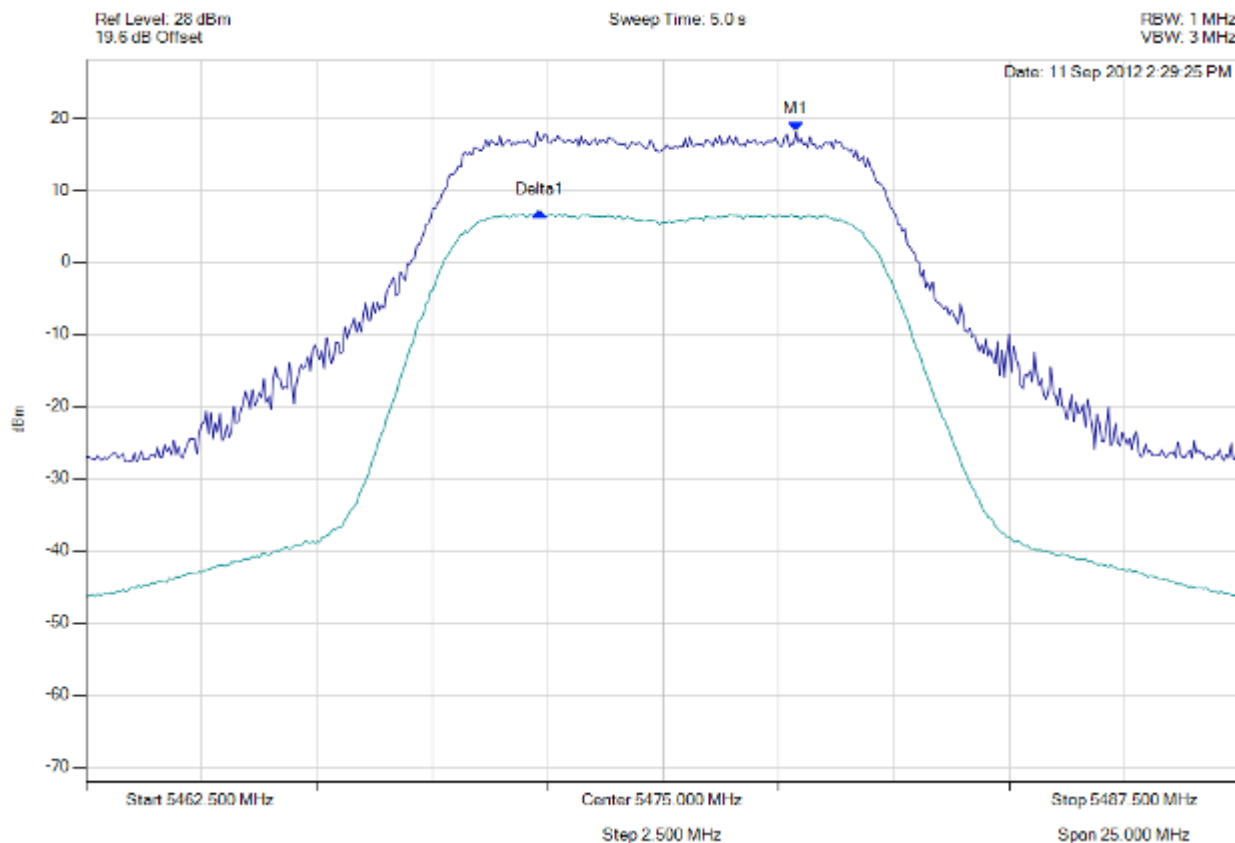
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



peak excursion

Variant: 10 MHz, Channel: 5475.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 30 TRACE 1 Detector = MAX PEAK Trace Mode = VIEW TRACE 2 Detector = RMS Trace Mode = VIEW	M1 : 5477.881 MHz : 18.105 dBm Delta1 : -5561122 Hz : -11.206 dB	Measured Excursion Ratio: 11.21 dB Limit: -13.0 dB Margin: -1.79 dB

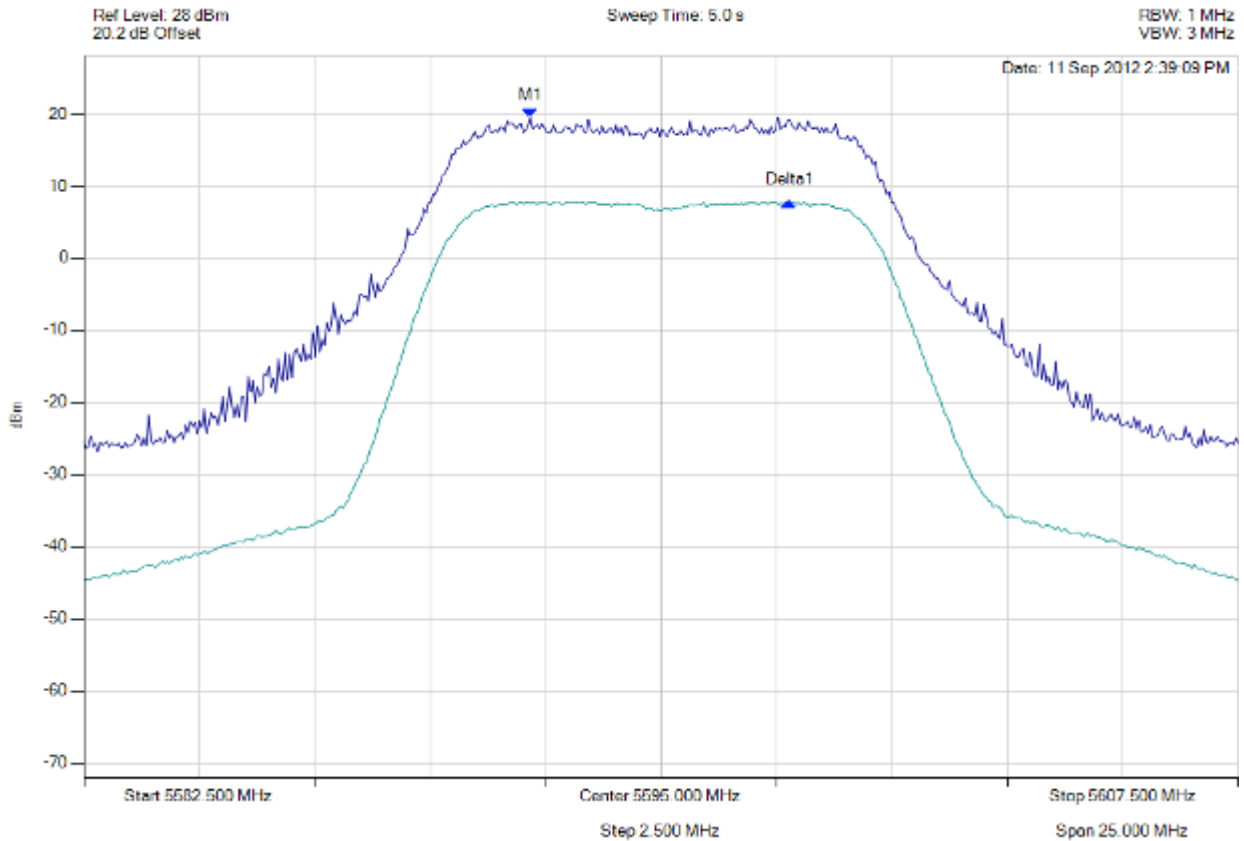
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



peak excursion

Variant: 10 MHz, Channel: 5595.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 30 TRACE 1 Detector = MAX PEAK Trace Mode = VIEW TRACE 2 Detector = RMS Trace Mode = VIEW	M1 : 5592.169 MHz : 19.546 dBm Delta1 : 5.611 MHz : -11.710 dB	Measured Excursion Ratio: 11.71 dB Limit: -13.0 dB Margin: -1.29 dB

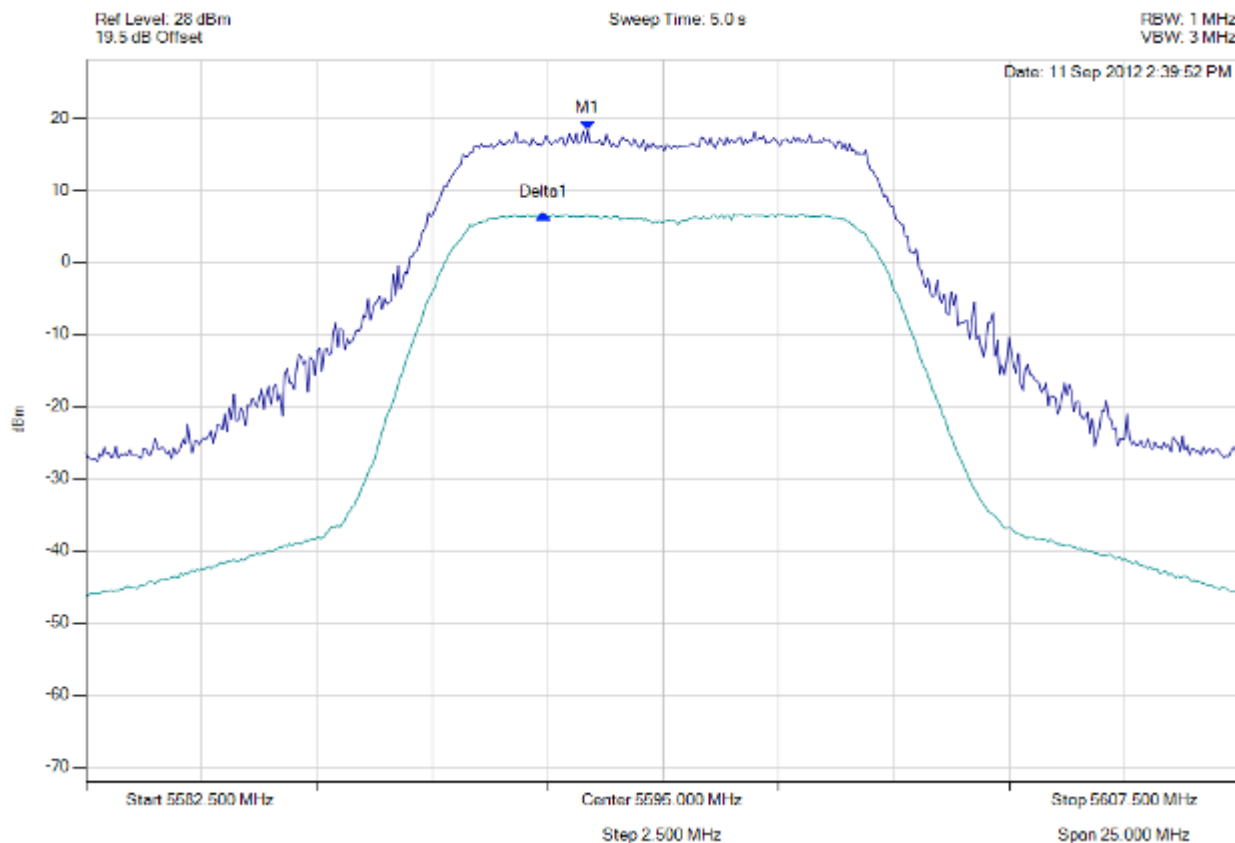
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



peak excursion

Variant: 10 MHz, Channel: 5595.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 30 TRACE 1 Detector = MAX PEAK Trace Mode = VIEW TRACE 2 Detector = RMS Trace Mode = VIEW	M1 : 5593.372 MHz : 18.326 dBm Delta1 : -951904 Hz : -11.686 dB	Measured Excursion Ratio: 11.69 dB Limit: -13.0 dB Margin: -1.31 dB

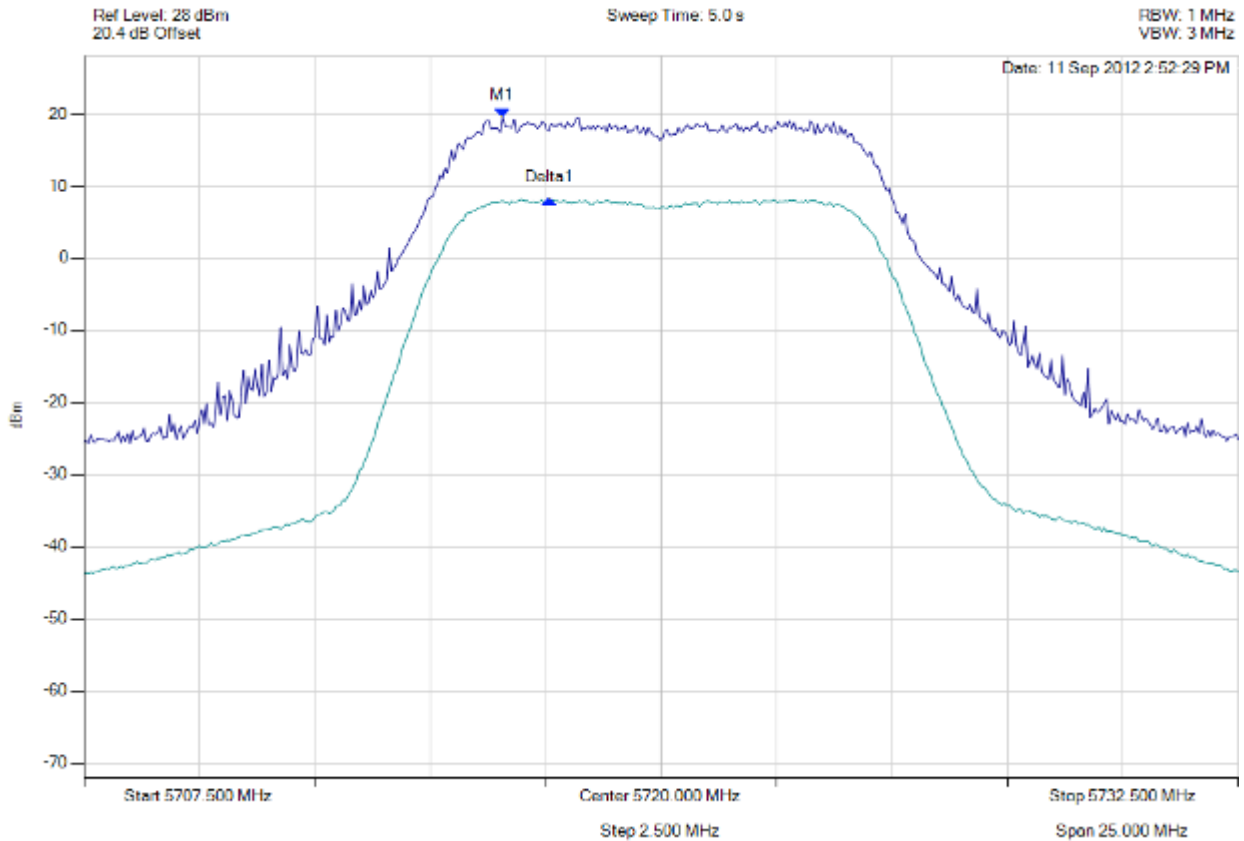
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



peak excursion

Variant: 10 MHz, Channel: 5720.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 30 TRACE 1 Detector = MAX PEAK Trace Mode = VIEW TRACE 2 Detector = RMS Trace Mode = VIEW	M1 : 5716.568 MHz : 19.409 dBm Delta1 : 1.002 MHz : -11.265 dB	Measured Excursion Ratio: 11.27 dB Limit: -13.0 dB Margin: -1.73 dB

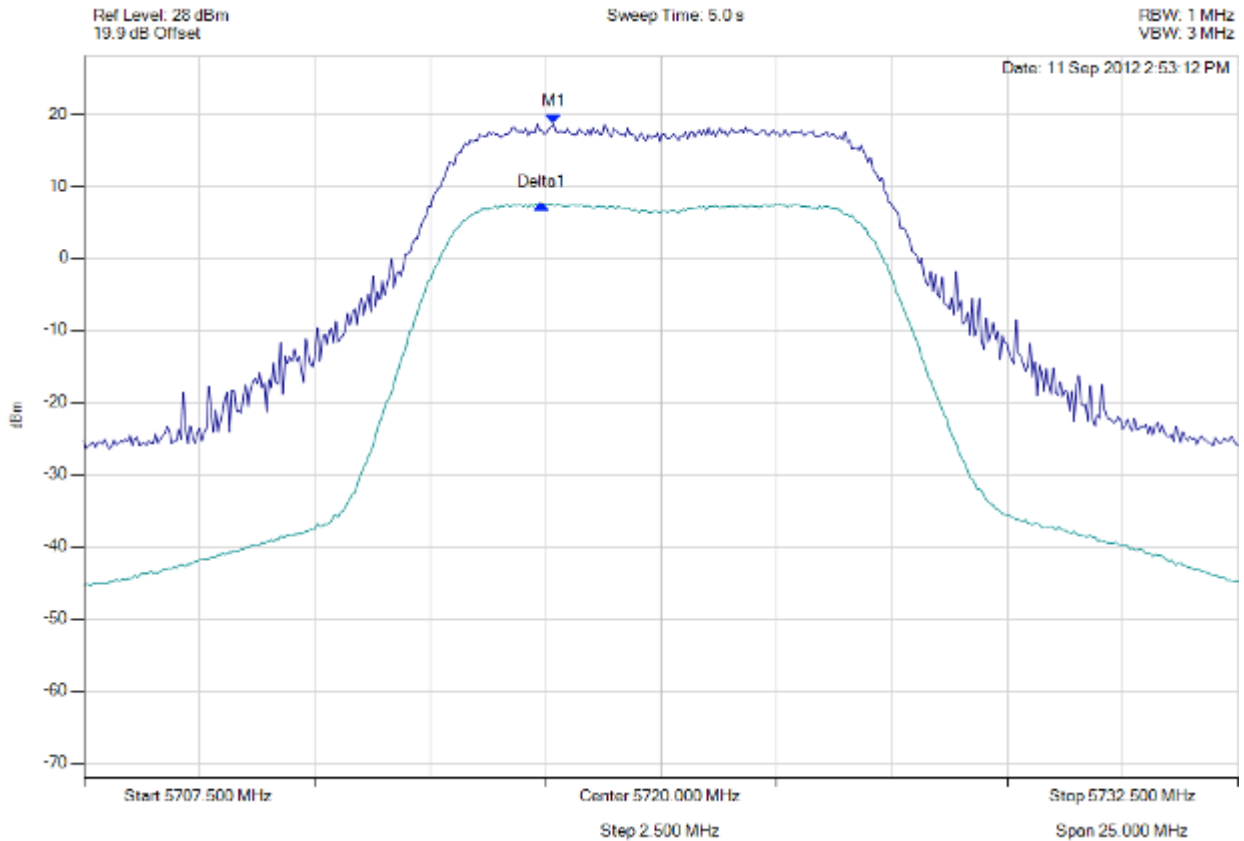
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



peak excursion

Variant: 10 MHz, Channel: 5720.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 30 TRACE 1 Detector = MAX PEAK Trace Mode = VIEW TRACE 2 Detector = RMS Trace Mode = VIEW	M1 : 5717.670 MHz : 18.597 dBm Delta1 : -250501 Hz : -11.122 dB	Measured Excursion Ratio: 11.12 dB Limit: -13.0 dB Margin: -1.88 dB

[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.

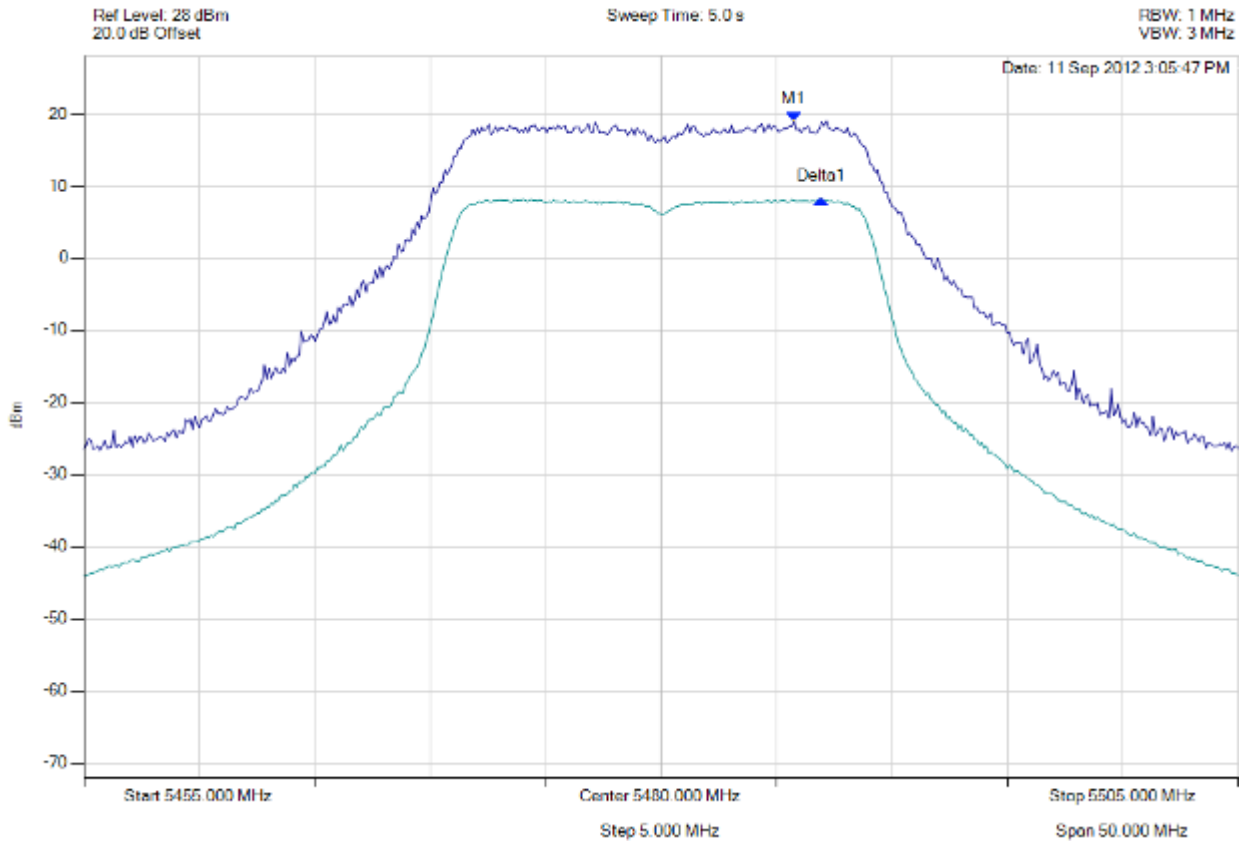


Title: AP0127730, AP0134760
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: RDWN12-U2 Rev B
Issue Date: 18th January 2013
Page: 266 of 272



peak excursion

Variant: 20 MHz, Channel: 5480.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 30 TRACE 1 Detector = MAX PEAK Trace Mode = VIEW TRACE 2 Detector = RMS Trace Mode = VIEW	M1 : 5485.762 MHz : 19.000 dBm Delta1 : 1.202 MHz : -10.784 dB	Measured Excursion Ratio: 10.78 dB Limit: -13.0 dB Margin: -2.22 dB

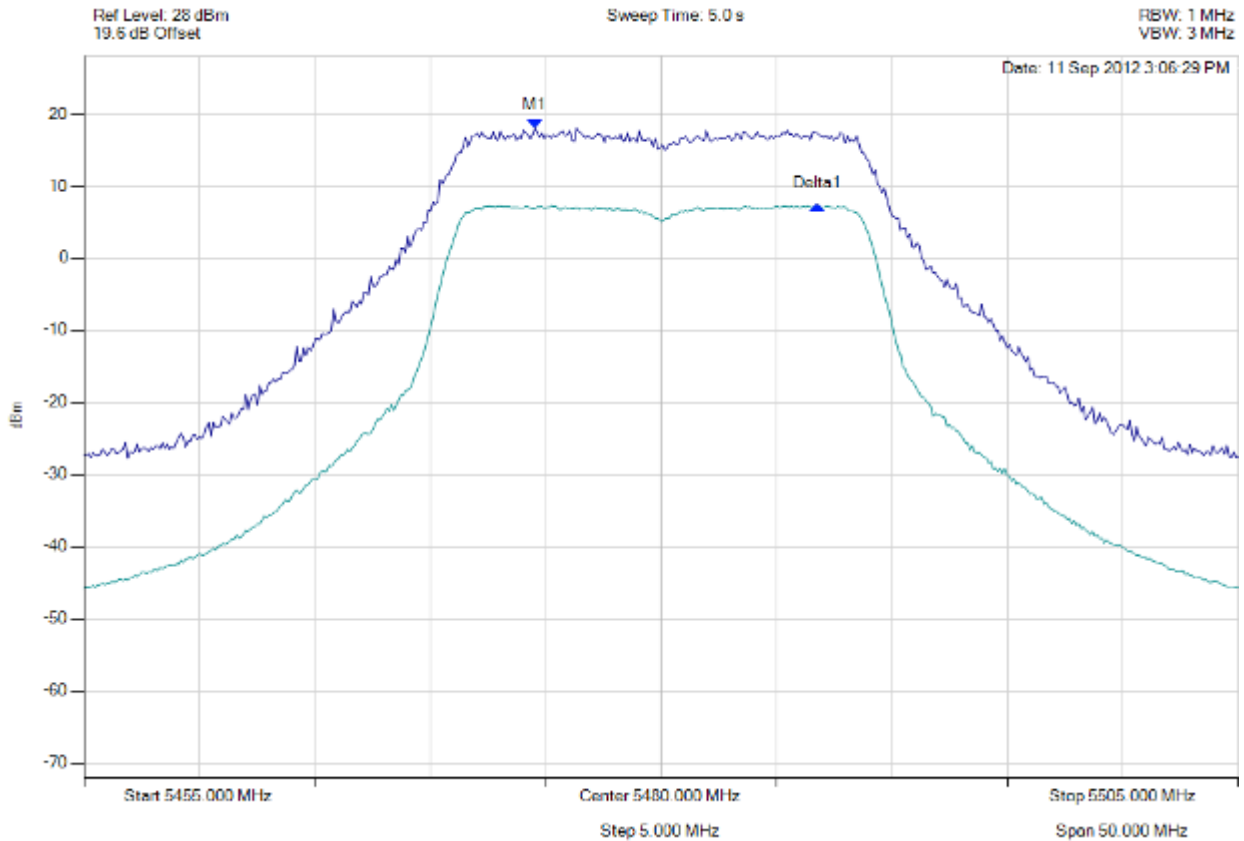
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



peak excursion

Variant: 20 MHz, Channel: 5480.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 30 TRACE 1 Detector = MAX PEAK Trace Mode = VIEW TRACE 2 Detector = RMS Trace Mode = VIEW	M1 : 5474.539 MHz : 18.052 dBm Delta1 : 12.224 MHz : -10.732 dB	Measured Excursion Ratio: 10.73 dB Limit: -13.0 dB Margin: -2.27 dB

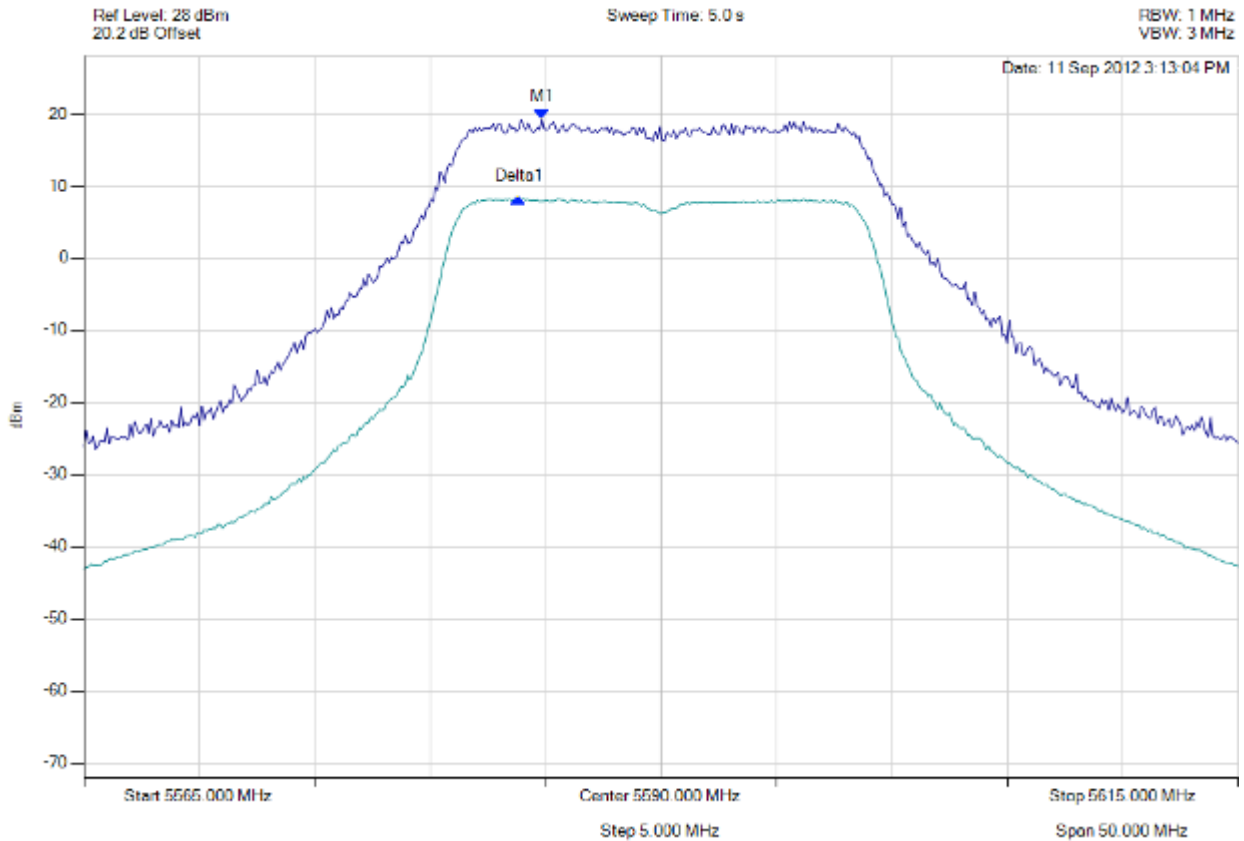
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



peak excursion

Variant: 20 MHz, Channel: 5590.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 30 TRACE 1 Detector = MAX PEAK Trace Mode = VIEW TRACE 2 Detector = RMS Trace Mode = VIEW	M1 : 5584.840 MHz : 19.323 dBm Delta1 : -1002004 Hz : -10.994 dB	Measured Excursion Ratio: 10.99 dB Limit: -13.0 dB Margin: -2.01 dB

[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.

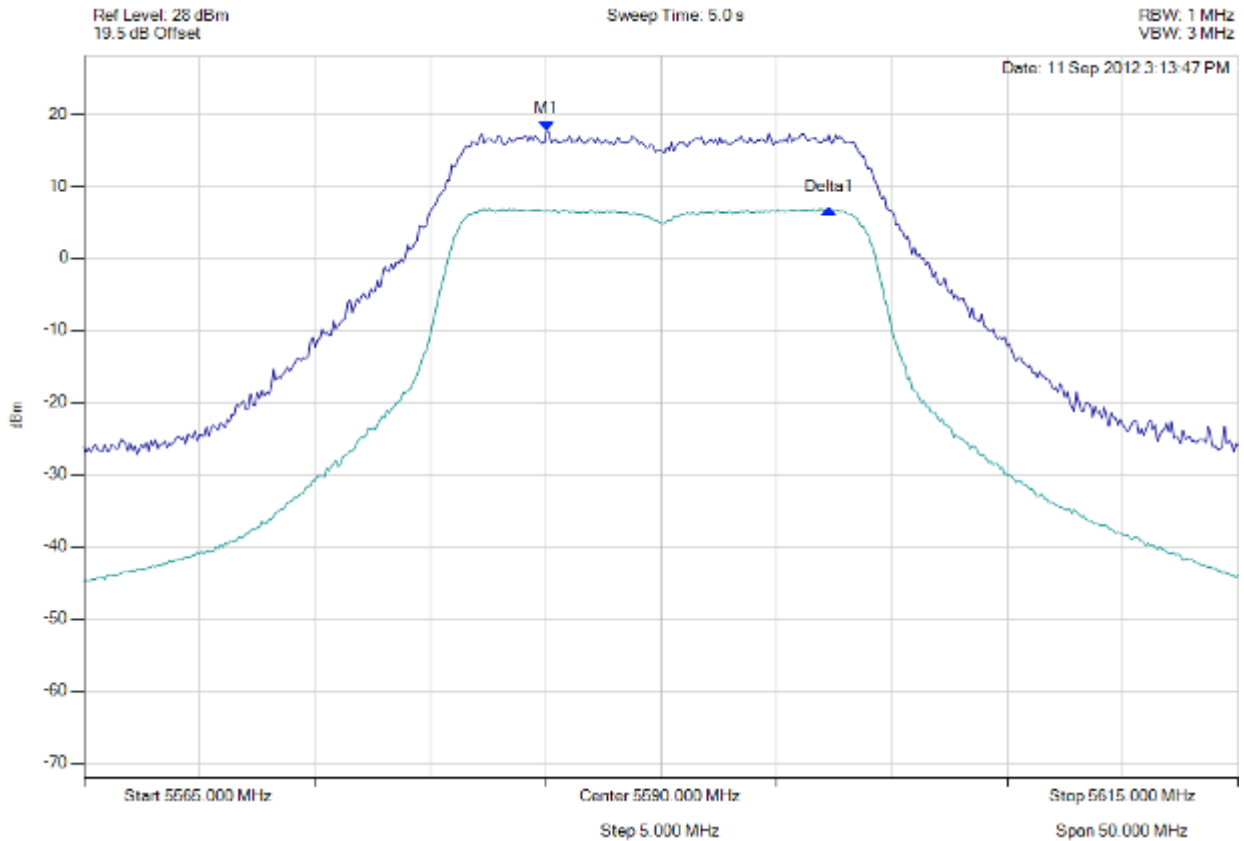


Title: AP0127730, AP0134760
To: FCC 47 CFR Part 15.407 & IC RSS-210
Serial #: RDWN12-U2 Rev B
Issue Date: 18th January 2013
Page: 269 of 272



peak excursion

Variant: 20 MHz, Channel: 5590.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 30 TRACE 1 Detector = MAX PEAK Trace Mode = VIEW TRACE 2 Detector = RMS Trace Mode = VIEW	M1 : 5585.040 MHz : 17.659 dBm Delta1 : 5607.224 MHz : -10.849 dB	Measured Excursion Ratio: 10.85 dB Limit: -13.0 dB Margin: -2.15 dB

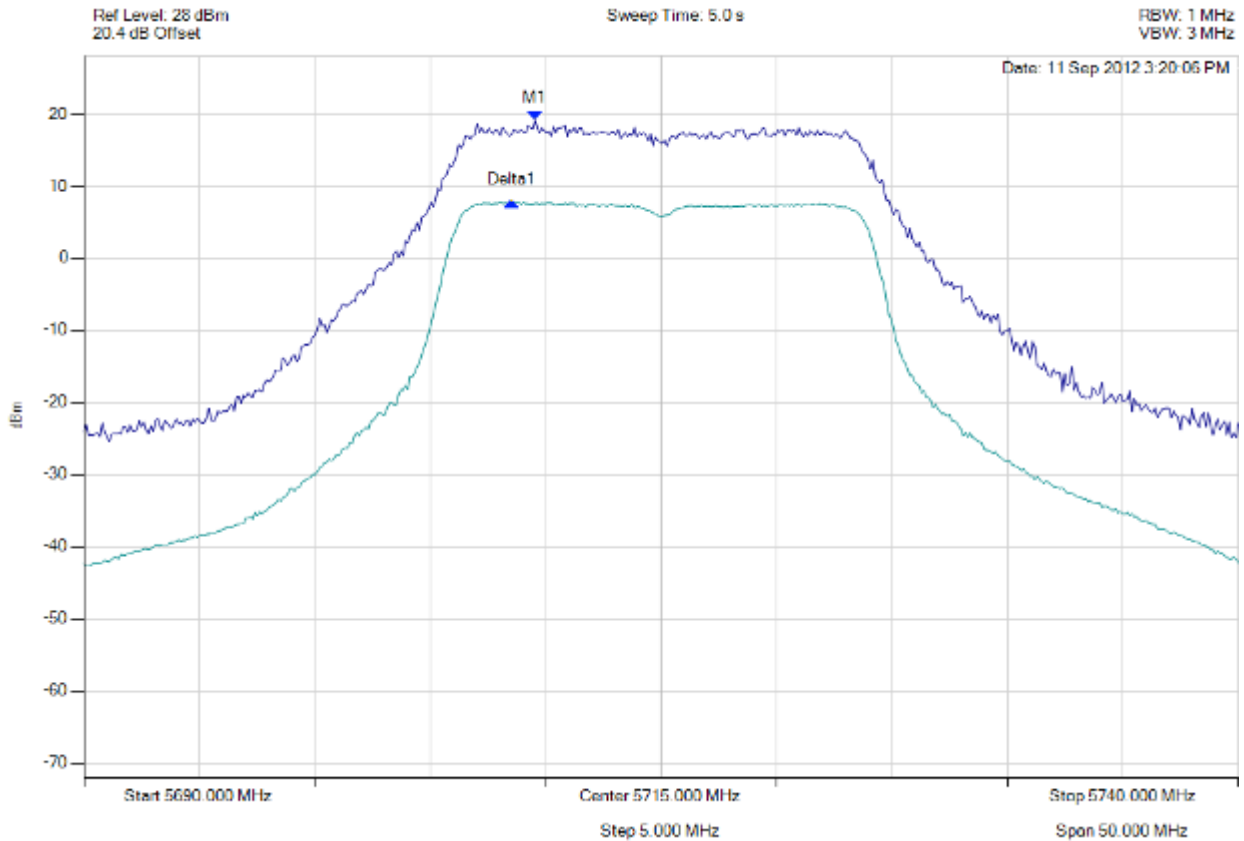
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



peak excursion

Variant: 20 MHz, Channel: 5715.00 MHz, Chain a, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 30 TRACE 1 Detector = MAX PEAK Trace Mode = VIEW TRACE 2 Detector = RMS Trace Mode = VIEW	M1 : 5709.539 MHz : 19.133 dBm Delta1 : -1002004 Hz : -11.335 dB	Measured Excursion Ratio: 11.34 dB Limit: -13.0 dB Margin: -1.66 dB

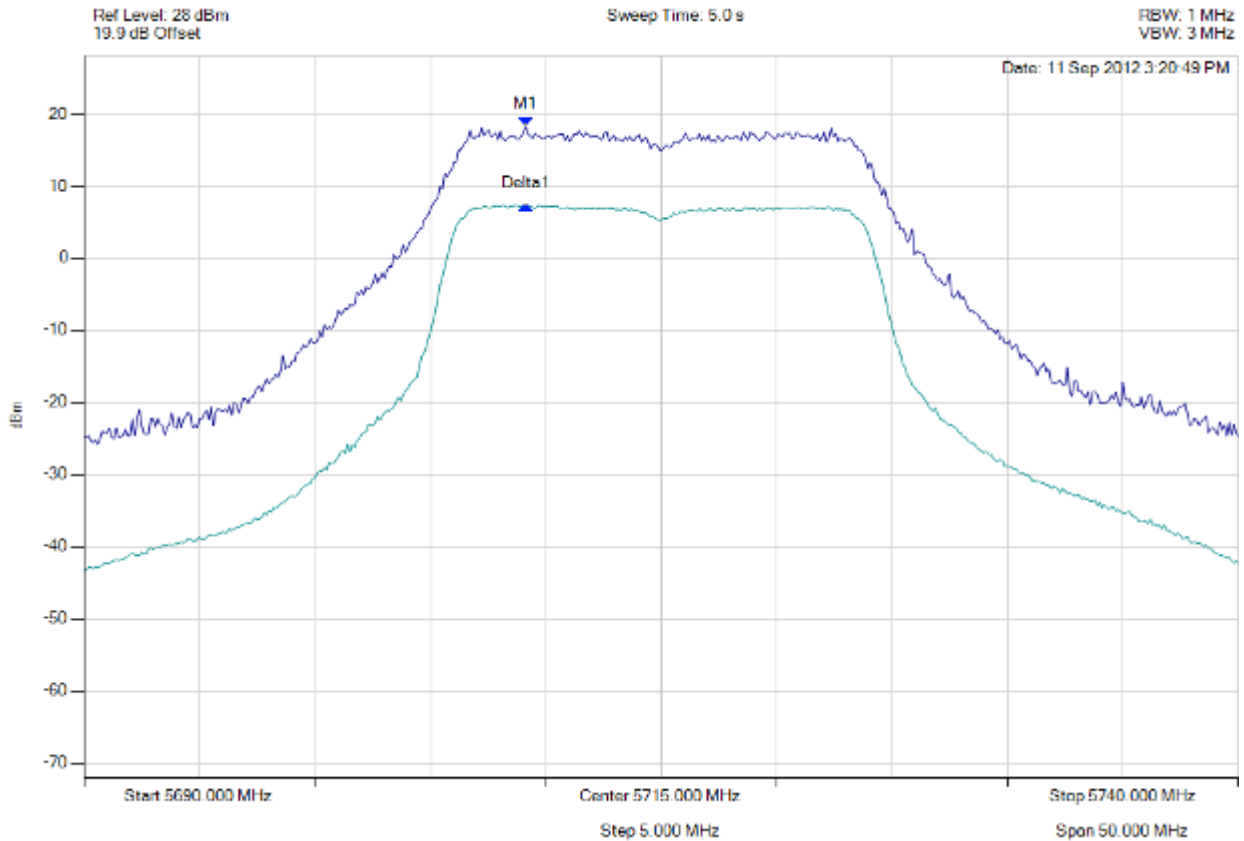
[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



peak excursion

Variant: 20 MHz, Channel: 5715.00 MHz, Chain b, Temp: Ambient, Voltage: 55.00V



Analyser Setup	Marker : Frequency : Amplitude	Test Results
Sweep Count = 0 RF Atten (dB) = 30 TRACE 1 Detector = MAX PEAK Trace Mode = VIEW TRACE 2 Detector = RMS Trace Mode = VIEW	M1 : 5709.138 MHz : 18.240 dBm Delta1 : 0 Hz : -10.889 dB	Measured Excursion Ratio: 10.89 dB Limit: -13.0 dB Margin: -2.11 dB

[Back to the Matrix](#)

This test report may be reproduced in full only. The document may only be updated by MiCOM Labs personnel. Any changes will be noted in the Document History section of the report.



440 Boulder Court, Suite 200
Pleasanton, CA 94566, USA
Tel: 1.925.462.0304
Fax: 1.925.462.0306
www.micomlabs.com