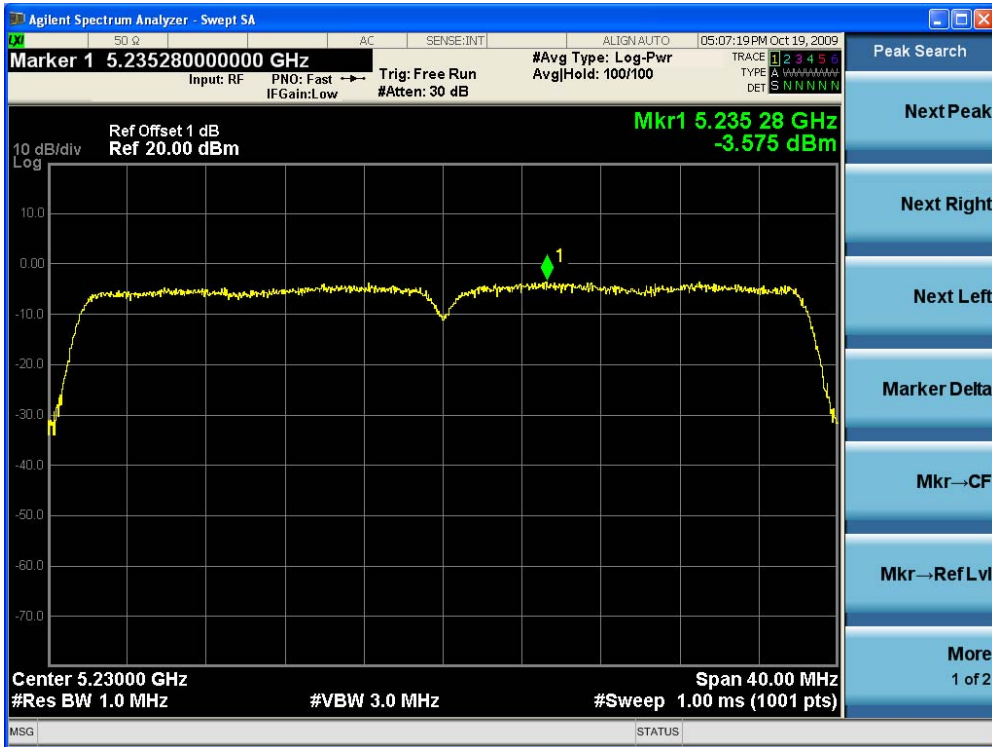
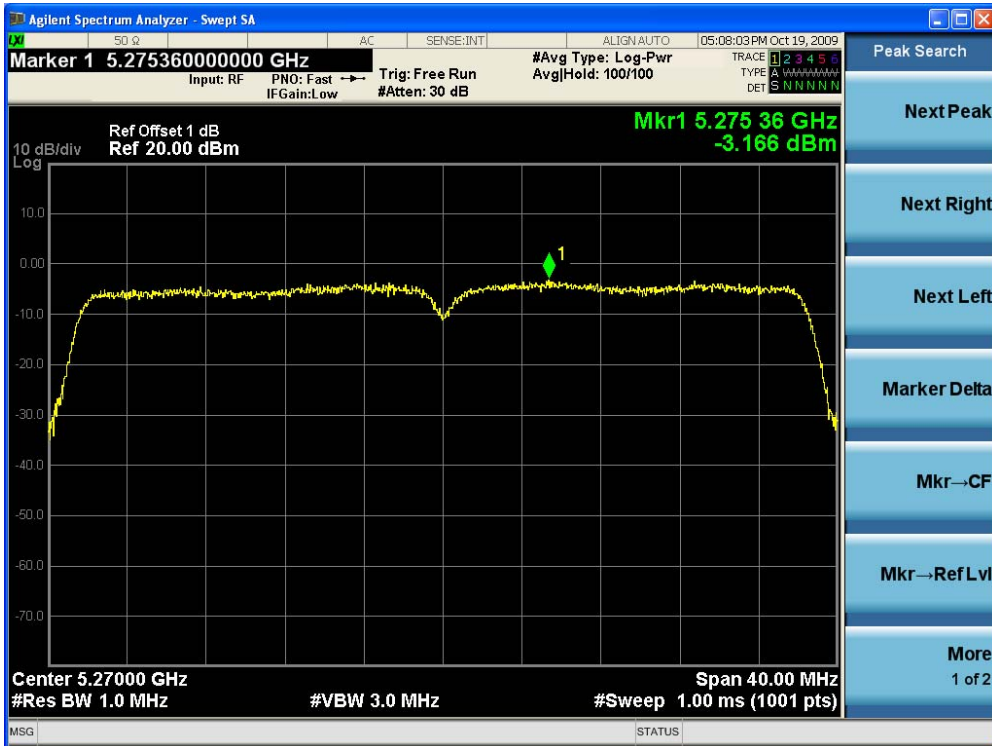


Channel 46 (5230MHz)



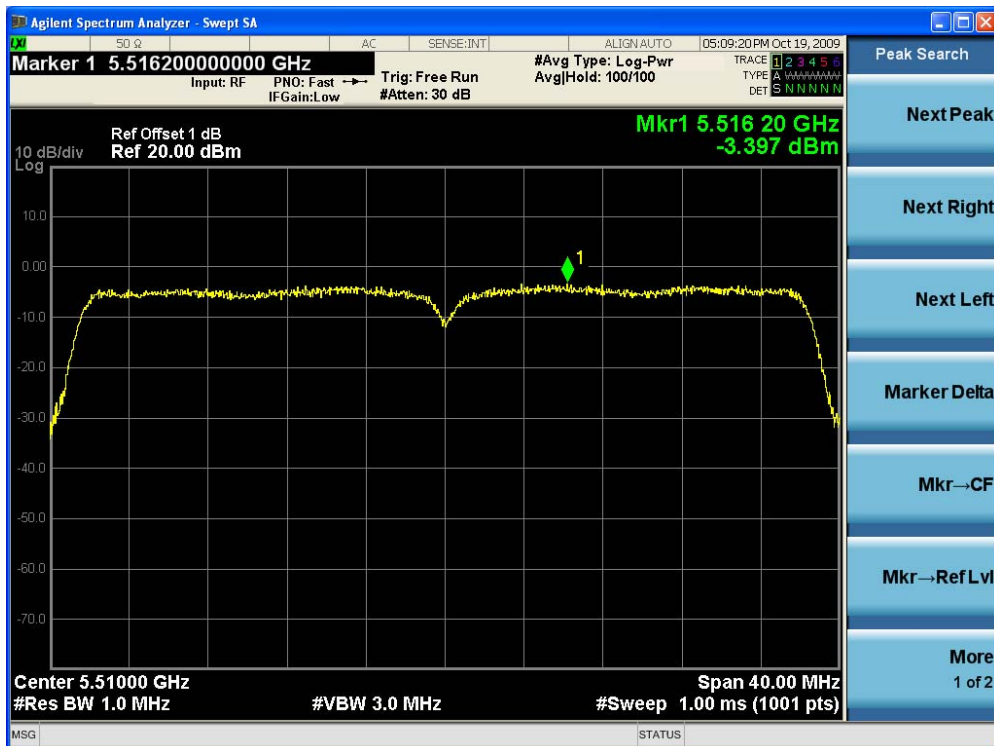
Channel 54 (5270MHz)



Channel 62 (5310MHz)



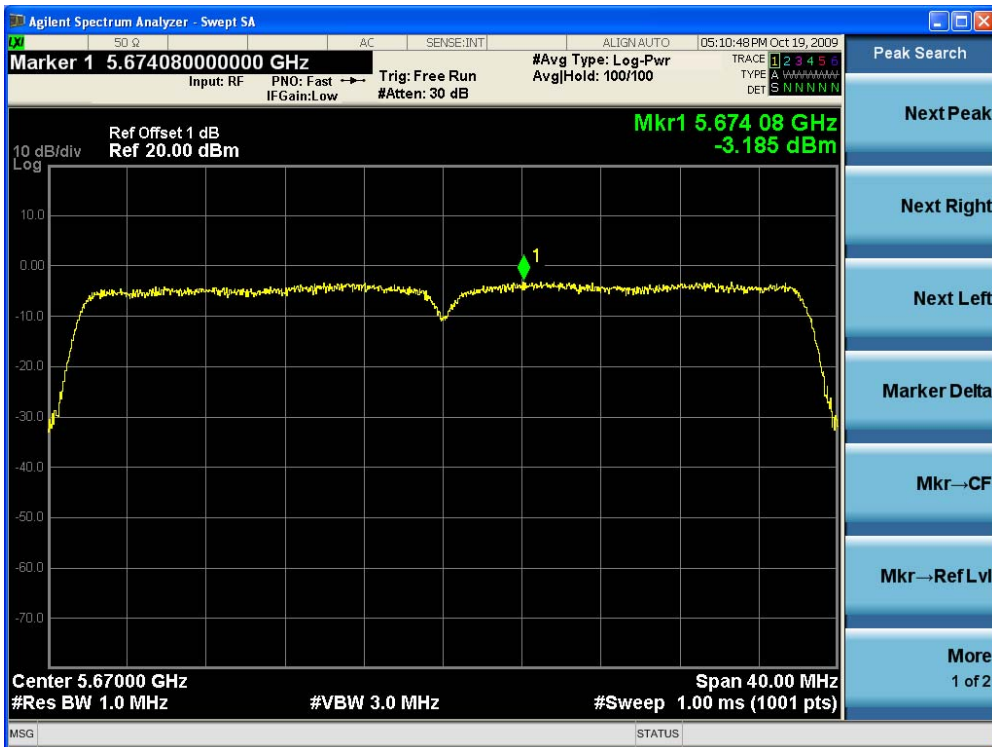
Channel 102 (5510MHz)



Channel 118 (5590MHz)



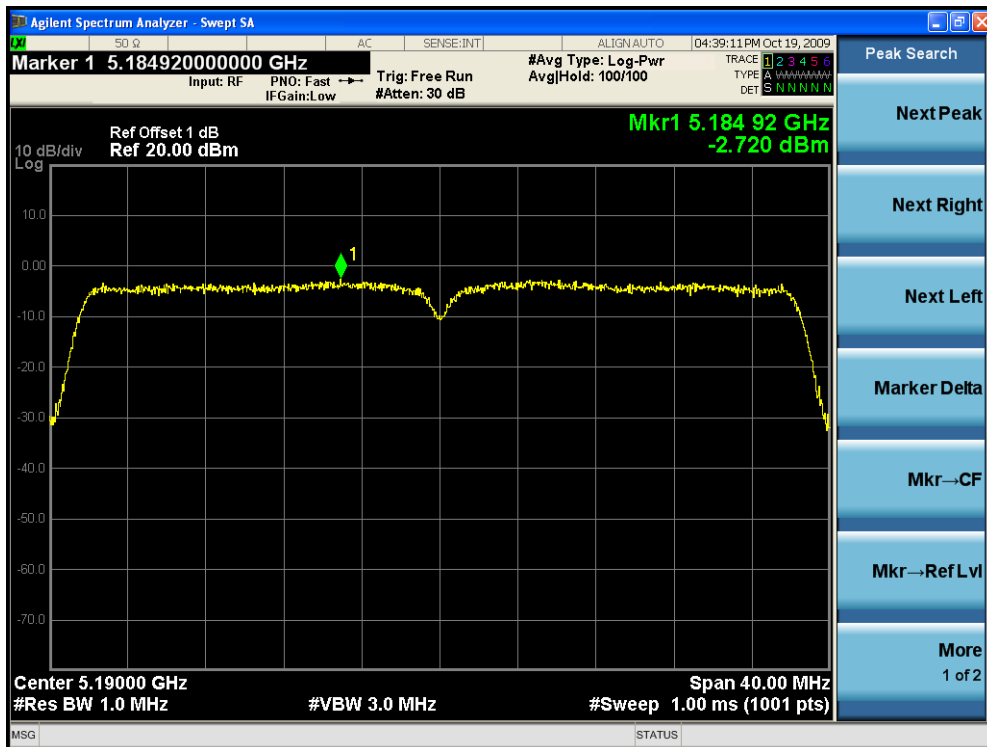
Channel 134 (5670MHz)



Product	:	802.11a/b/g/n WLAN Module
Test Item	:	Power Output
Test Site	:	AC-6
Test Mode	:	Mode 3: Transmit by 802.11n (40MHz Bandwidth) (Chain 1)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm/MHz)		Total PPSD (dBm/MHz)	Limit (dBm/MHz)	Result
		Chain 0	Chain 1			
38	5190	N/A	-2.720	-2.720	4	Pass
46	5230	N/A	-3.033	-3.033	4	Pass
54	5270	N/A	-2.301	-2.301	11	Pass
62	5310	N/A	-2.127	-2.127	11	Pass
102	5510	N/A	-4.067	-4.067	11	Pass
118	5590	N/A	-3.744	-3.744	11	Pass
134	5670	N/A	-2.890	-2.890	11	Pass

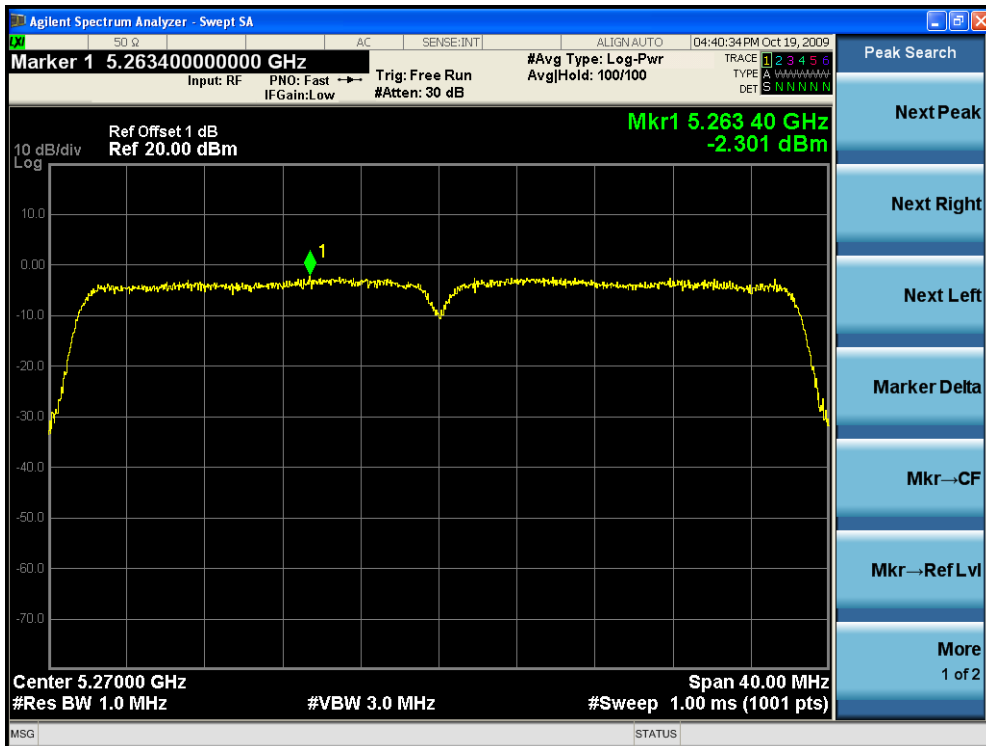
Channel 38 (5190MHz)



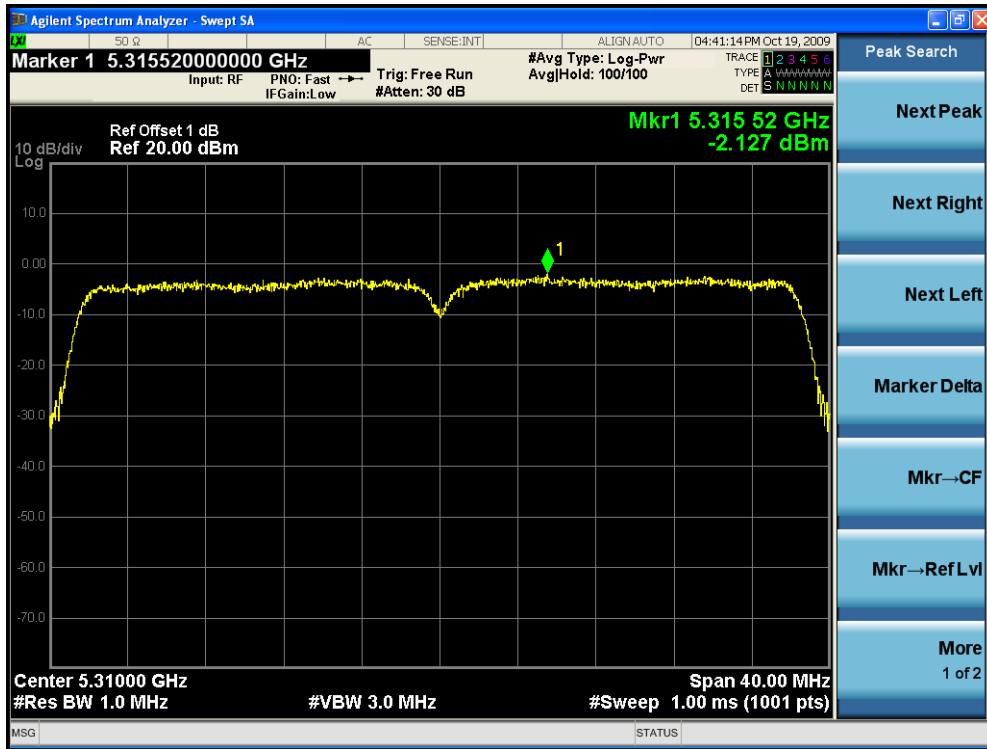
Channel 46 (5230MHz)



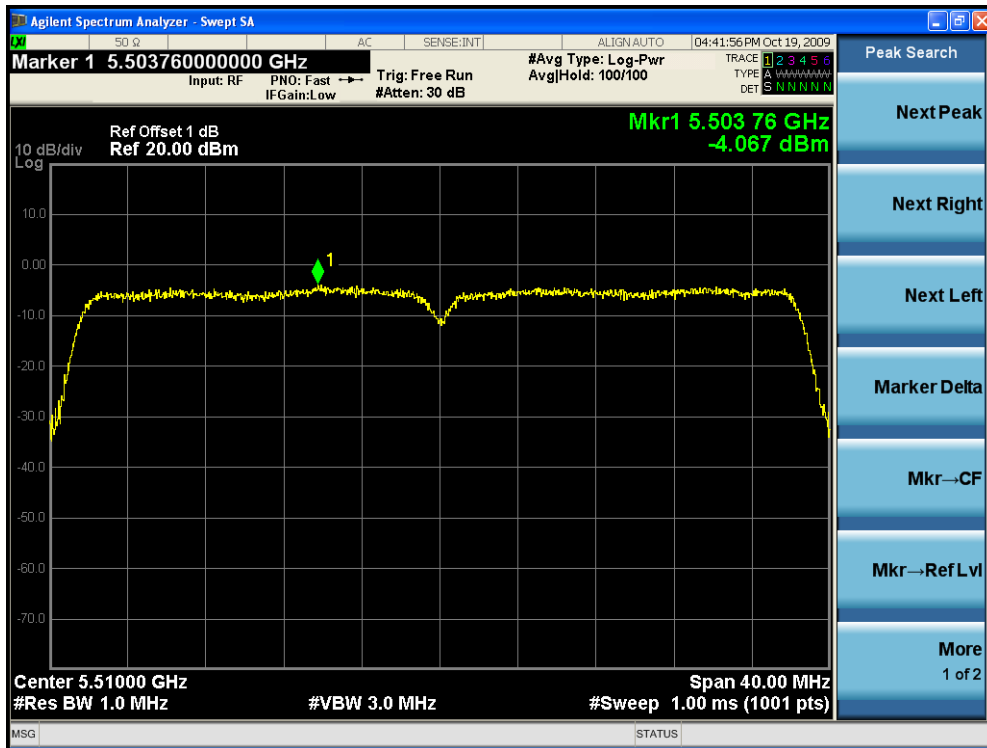
Channel 54 (5270MHz)



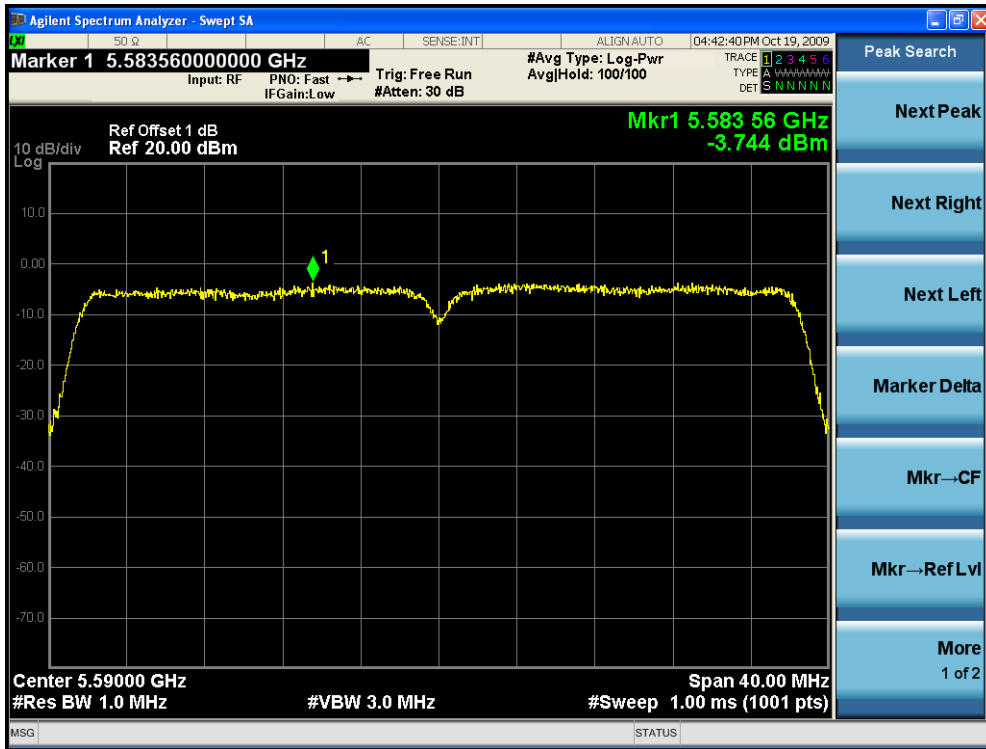
Channel 62 (5310MHz)



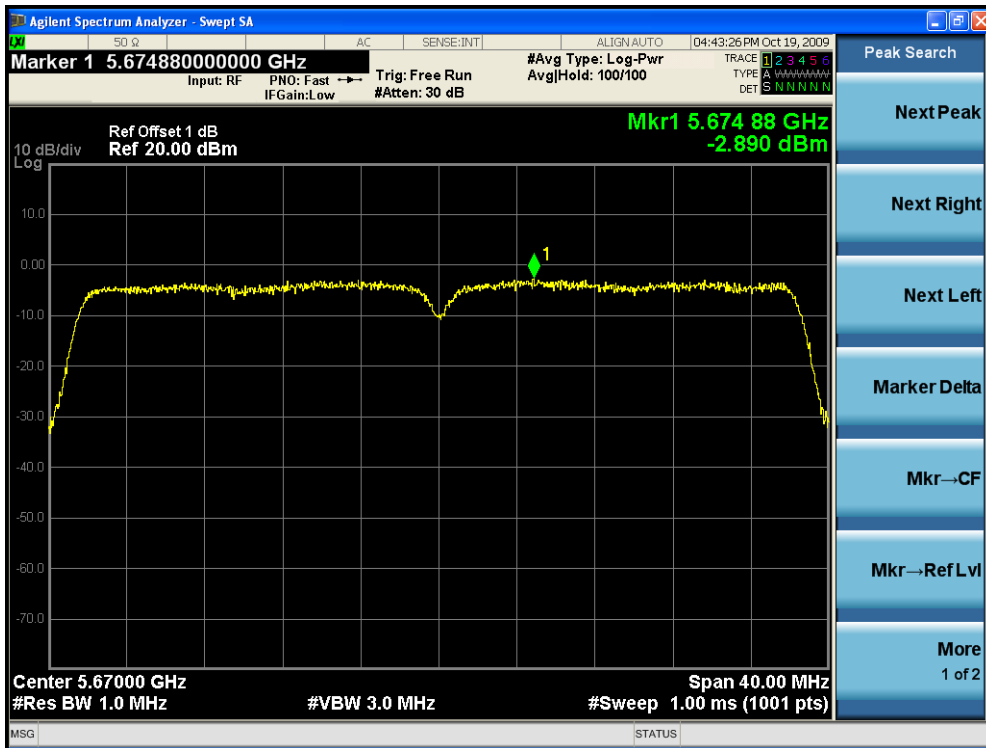
Channel 102 (5510MHz)



Channel 118 (5590MHz)



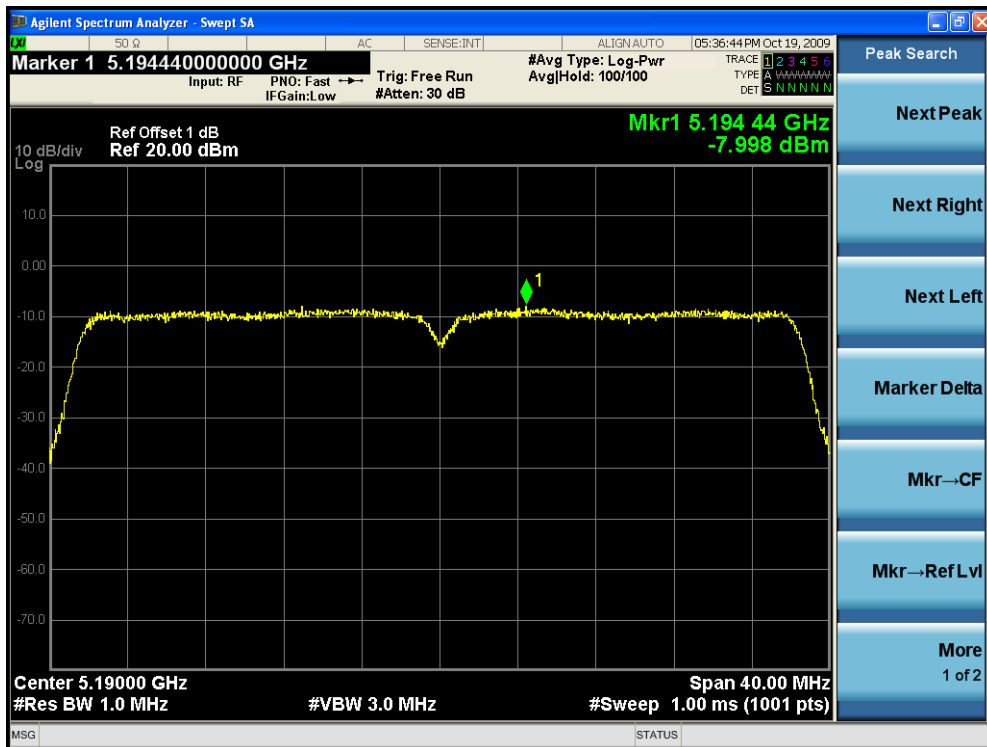
Channel 134 (5670MHz)



Product	:	802.11a/b/g/n WLAN Module
Test Item	:	Power Output
Test Site	:	AC-6
Test Mode	:	Mode 3: Transmit by 802.11n (40MHz Bandwidth) (Chain 0+1)

Channel No.	Frequency (MHz)	Measurement PPSD (dBm/MHz)		Total PPSD (dBm/MHz)	Limit (dBm/MHz)	Result
		Chain 0	Chain 1			
38	5190	-7.998	-6.631	-4.25	4	Pass
46	5230	-7.792	-6.452	-4.06	4	Pass
54	5270	-3.690	-2.244	0.10	11	Pass
62	5310	-3.477	-2.292	0.17	11	Pass
102	5510	-3.628	-3.518	-0.56	11	Pass
118	5590	-4.146	-3.759	-0.94	11	Pass
134	5670	-2.925	-2.505	0.30	11	Pass

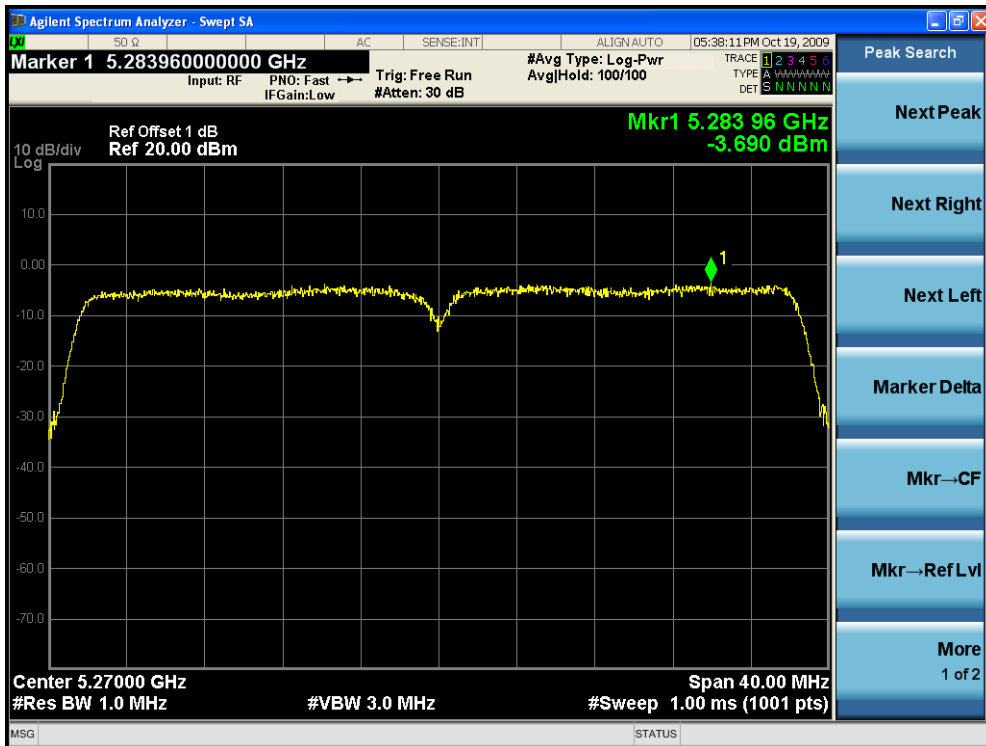
Channel 38 (5190MHz) - Chain 0



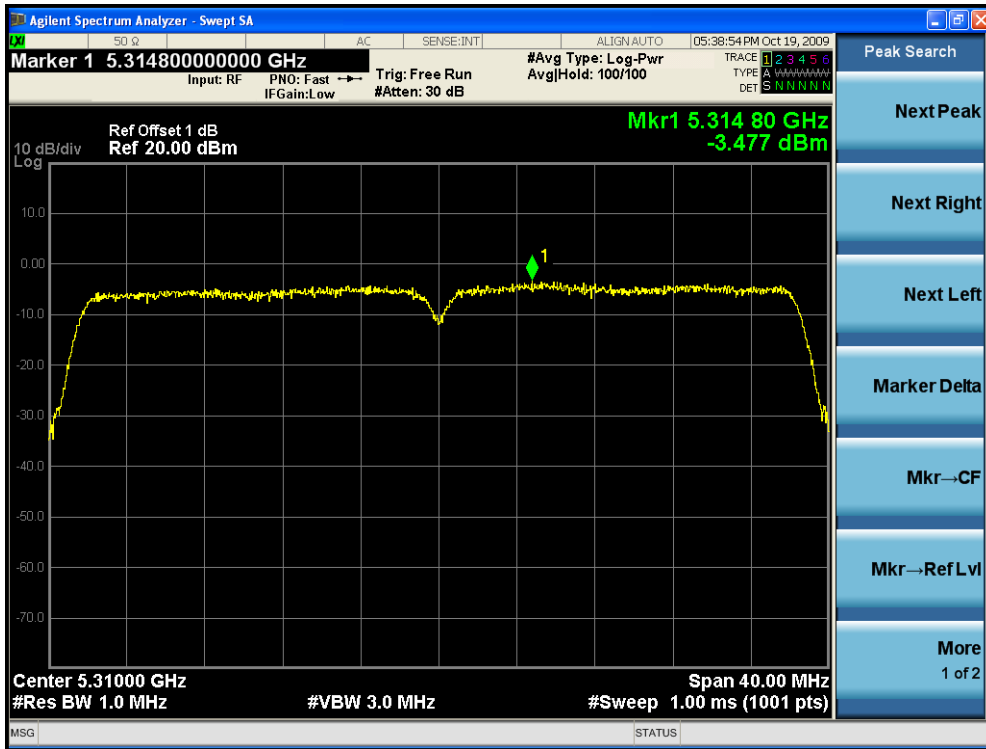
Channel 46 (5230MHz) - Chain 0



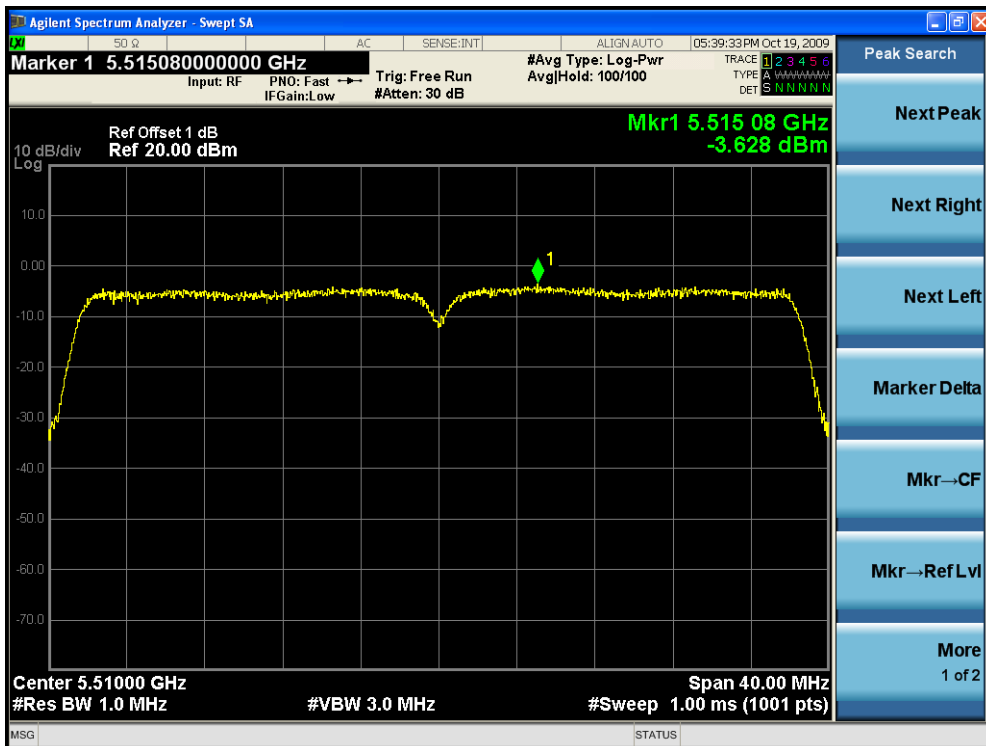
Channel 54 (5270MHz) - Chain 0



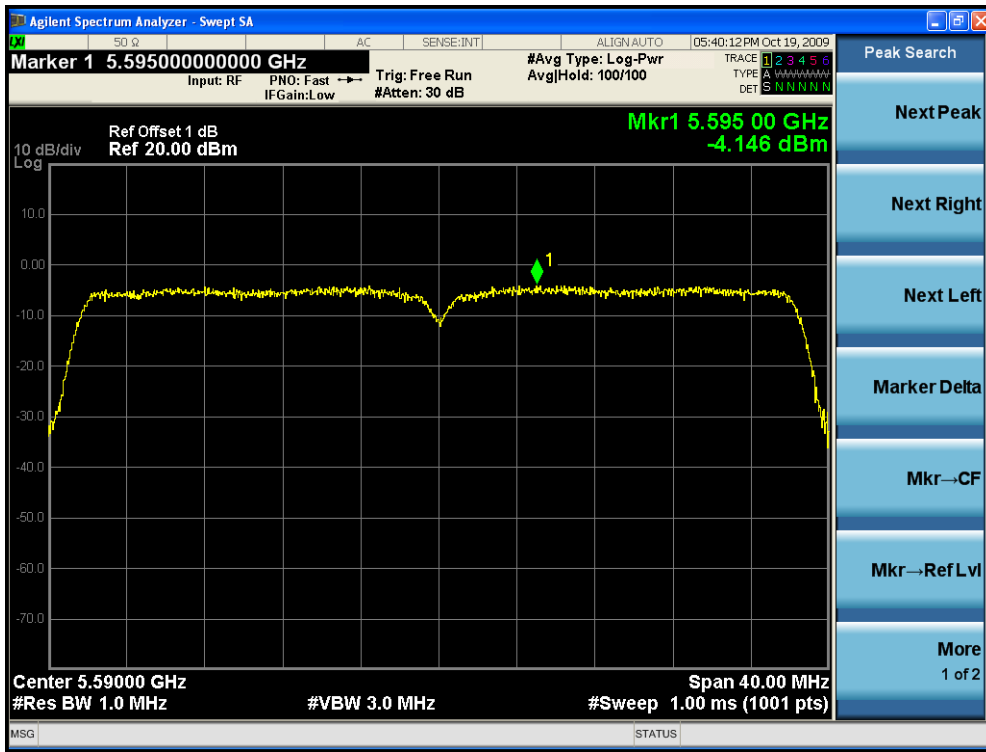
Channel 62 (5310MHz) - Chain 0



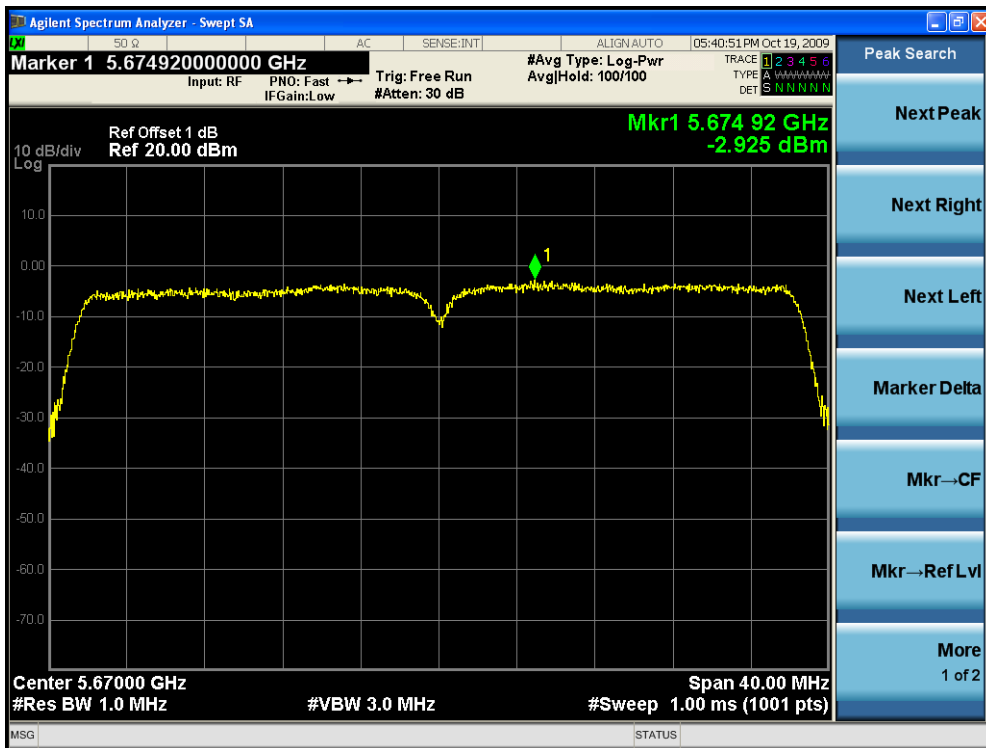
Channel 102 (5510MHz) - Chain 0



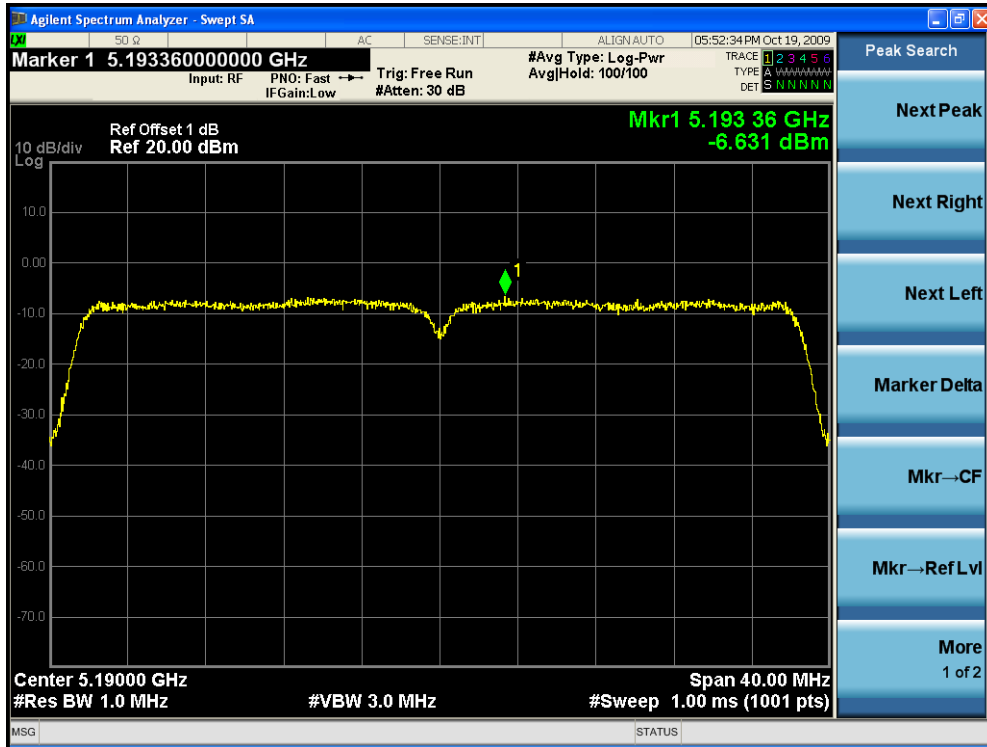
Channel 118 (5590MHz) - Chain 0



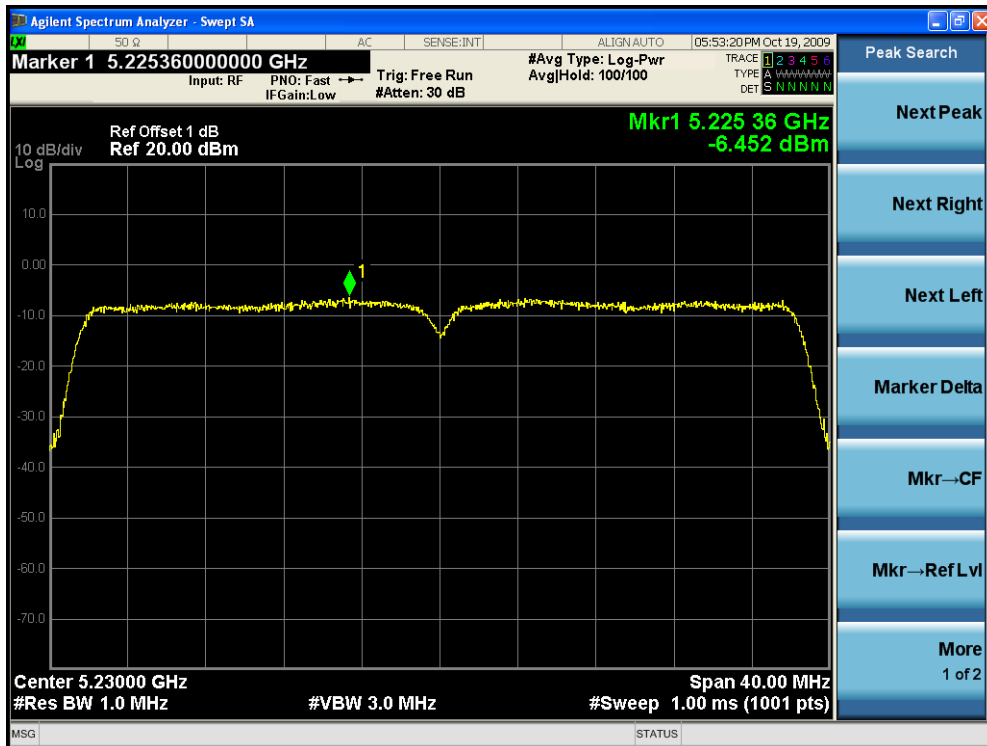
Channel 134 (5670MHz) - Chain 0



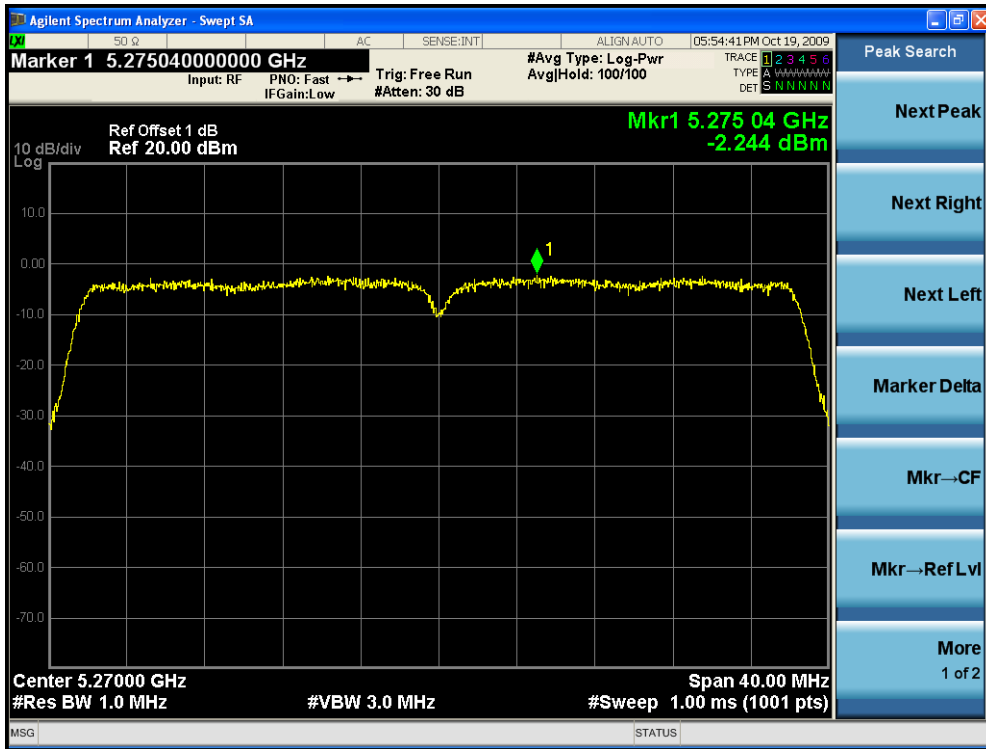
Channel 38 (5190MHz) - Chain 1



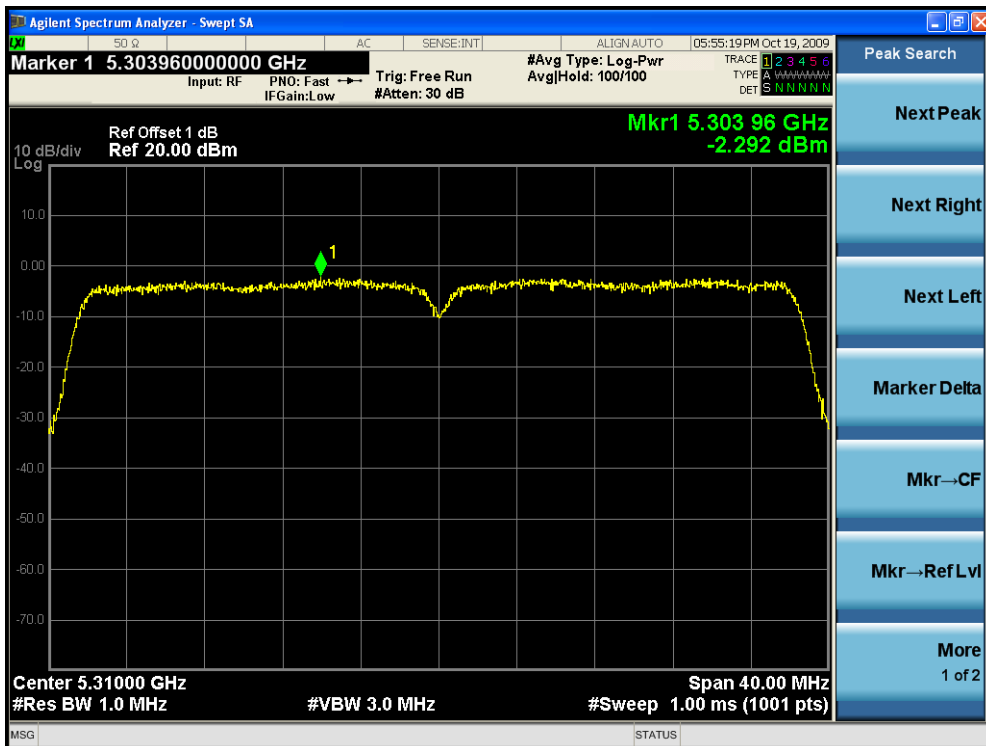
Channel 46 (5230MHz) - Chain 1



Channel 54 (5270MHz) - Chain 1



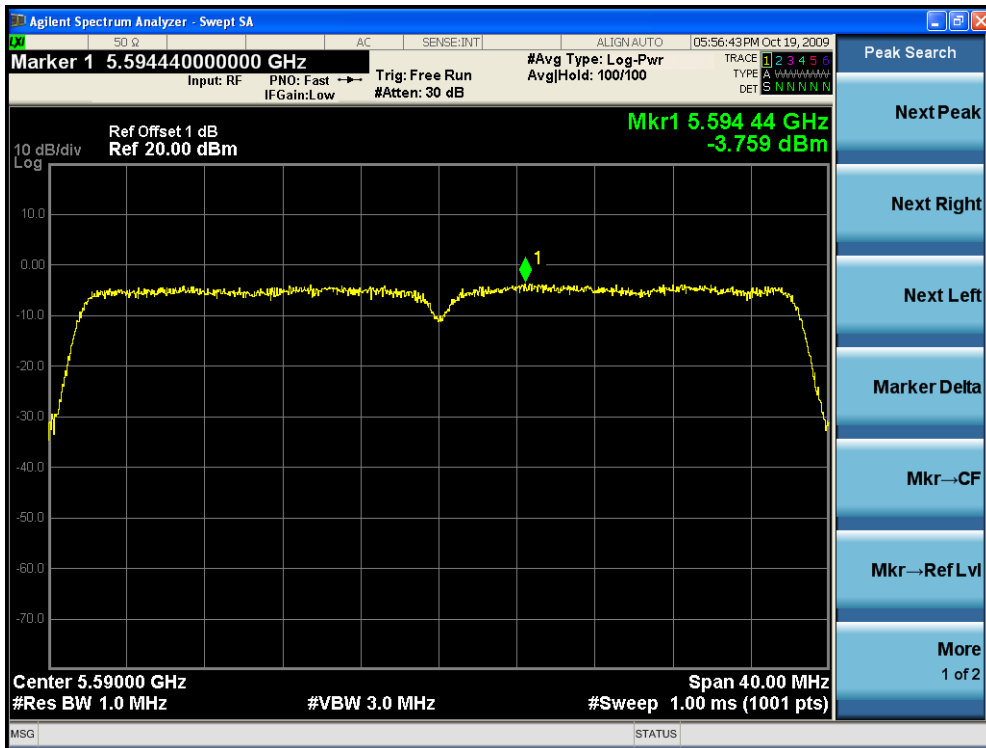
Channel 62 (5310MHz) - Chain 1



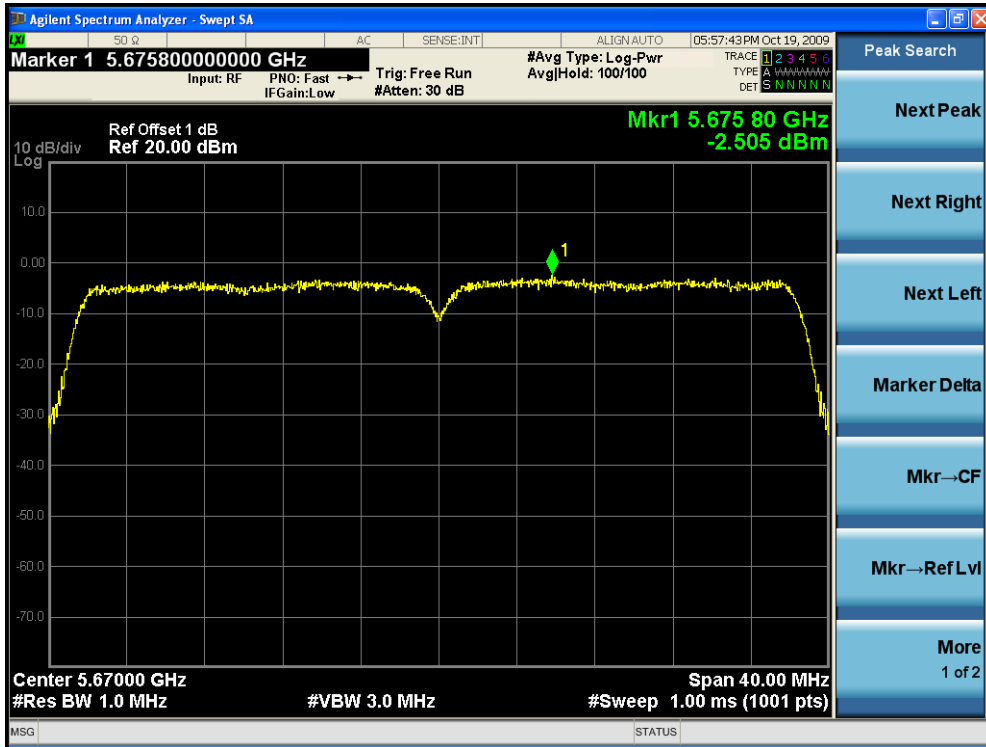
Channel 102 (5510MHz) - Chain 1



Channel 118 (5590MHz) - Chain 1



Channel 134 (5670MHz) - Chain 1



9. Peak Excursion

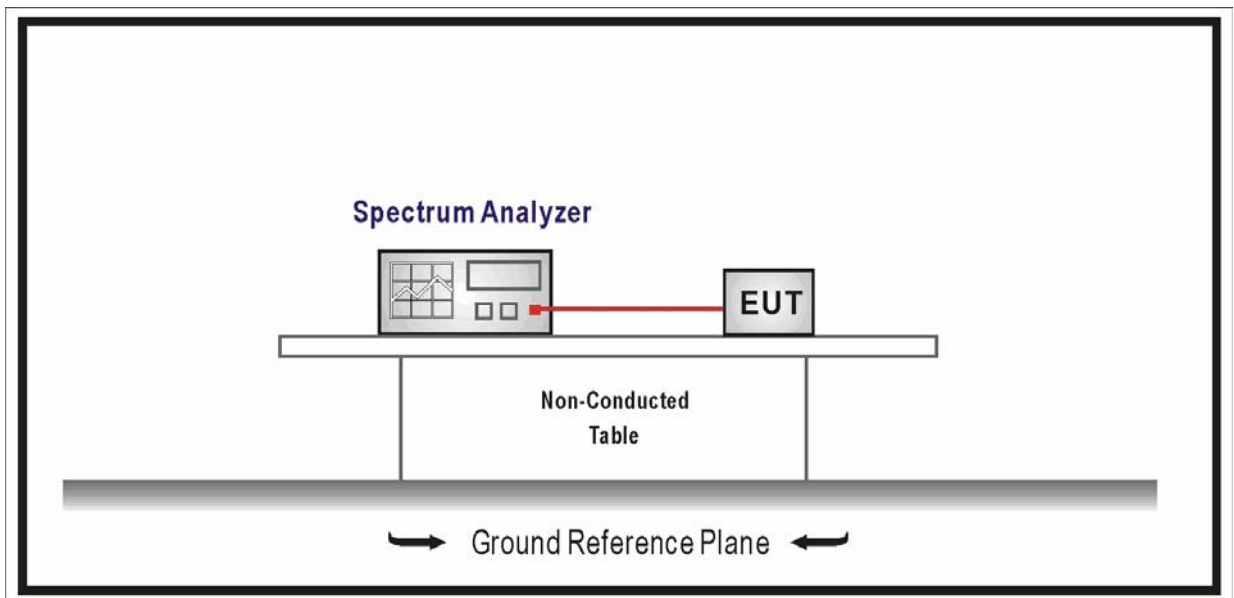
9.1. Test Equipment

Peak Excursion / AC-6

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	N9020A	MY49100159	2009/05/06
Coaxial Cable	Huber+Suhner	AC6-RF	09	2008/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH007	2009/03/30

Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

9.2. Test Setup



9.3. Limit

The ratio of the peak excursion of the modulation envelope (measured using a peak hold function) to the maximum conducted output power (measured as specified above) shall not exceed 13 dB across any 1 MHz bandwidth or the emission bandwidth whichever is less.

9.4. Test Procedure

The EUT was tested according to FCC Public Notice DA 02-2138, August 30, 2002 for compliance to FCC 47CFR 15.407 requirements.

Set the spectrum analyzer span to view the entire emission bandwidth. The largest difference between the following two traces must be ≤ 13 dB for all frequencies across the emission bandwidth.

- 1st Trace: Set RBW = 1 MHz, VBW ≥ 3 MHz with peak detector and maxhold settings.
- 2nd Trace: Set RBW = 1 MHz, VBW = 30 kHz with peak detector and maxhold settings.

9.5. Uncertainty

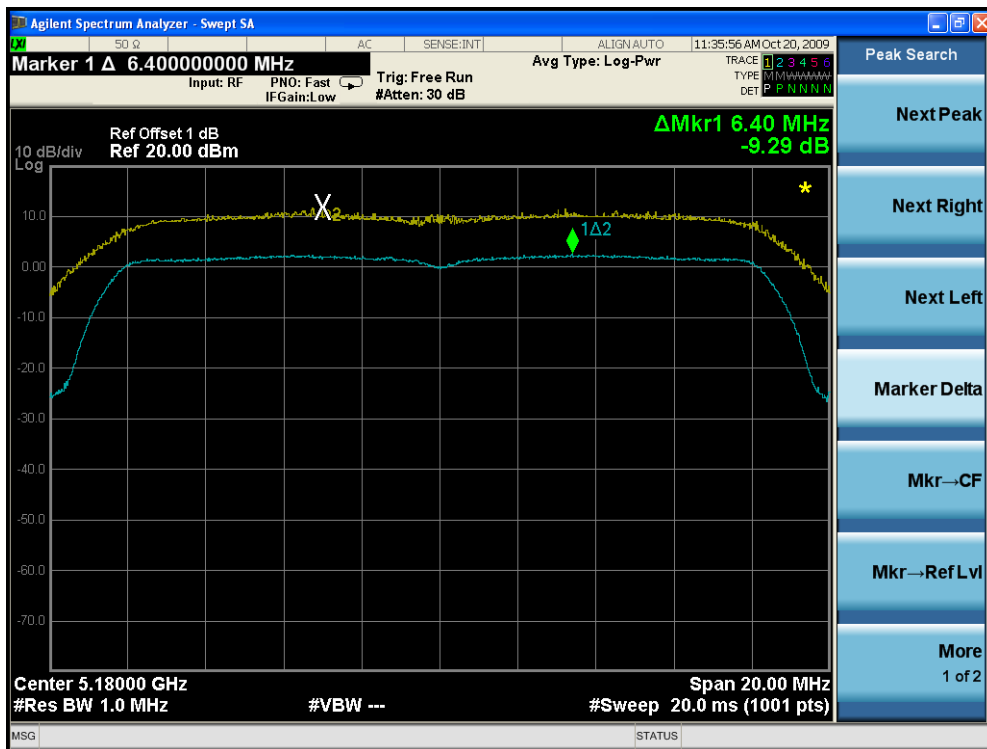
The measurement uncertainty is defined as ± 1.27 dB

9.6. Test Result

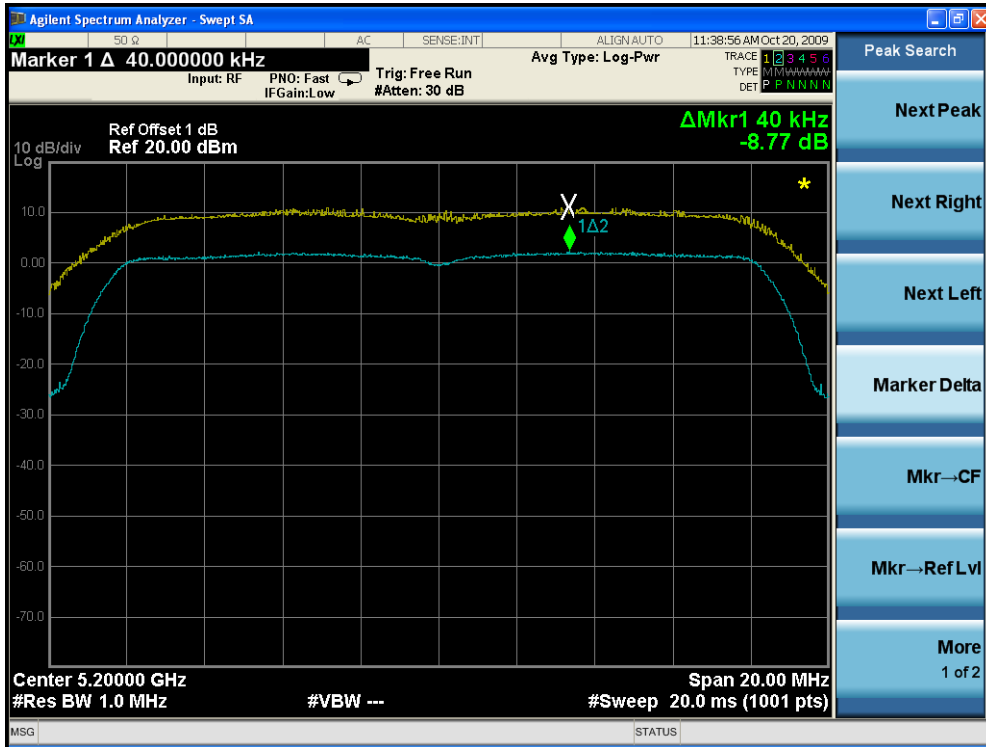
Product	:	802.11a/b/g/n WLAN Module
Test Item	:	Peak Excursion
Test Site	:	AC-6
Test Mode	:	Mode 1: Transmit by 802.11a (Chain 0)

Channel No.	Frequency (MHz)	Peak Excursion (dB)	Limit (dB)	Result
36	5180	9.29	13	Pass
40	5200	8.77	13	Pass
48	5240	8.97	13	Pass
52	5260	9.12	13	Pass
60	5300	9.06	13	Pass
64	5320	9.26	13	Pass
100	5500	9.03	13	Pass
120	5600	9.00	13	Pass
140	5700	8.82	13	Pass

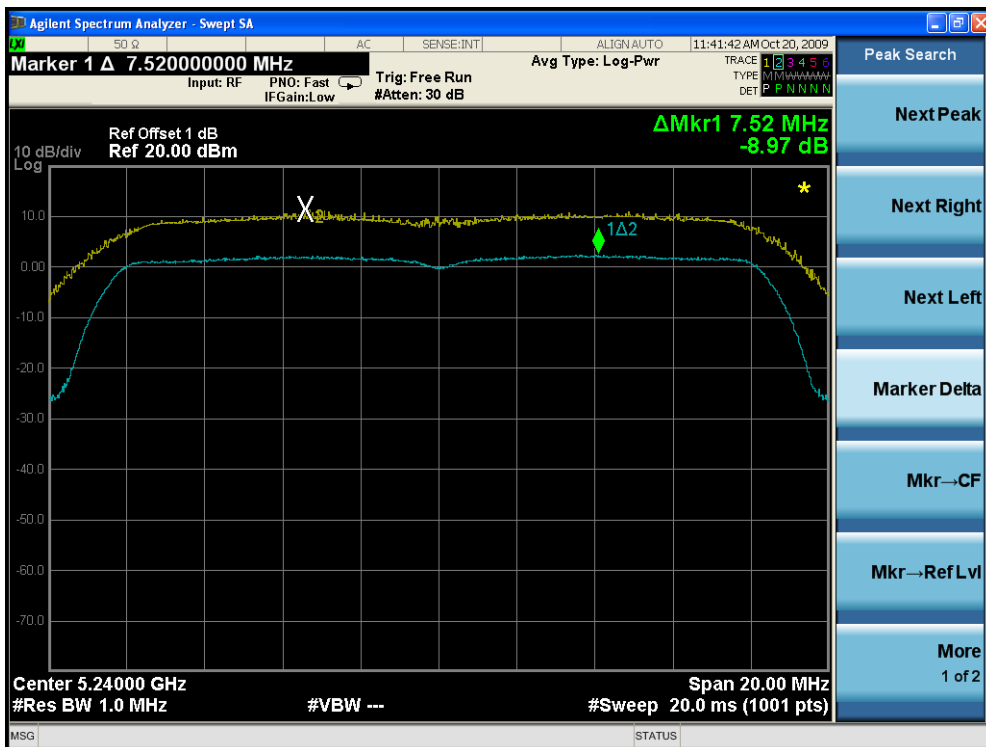
Channel 36 (5180MHz)



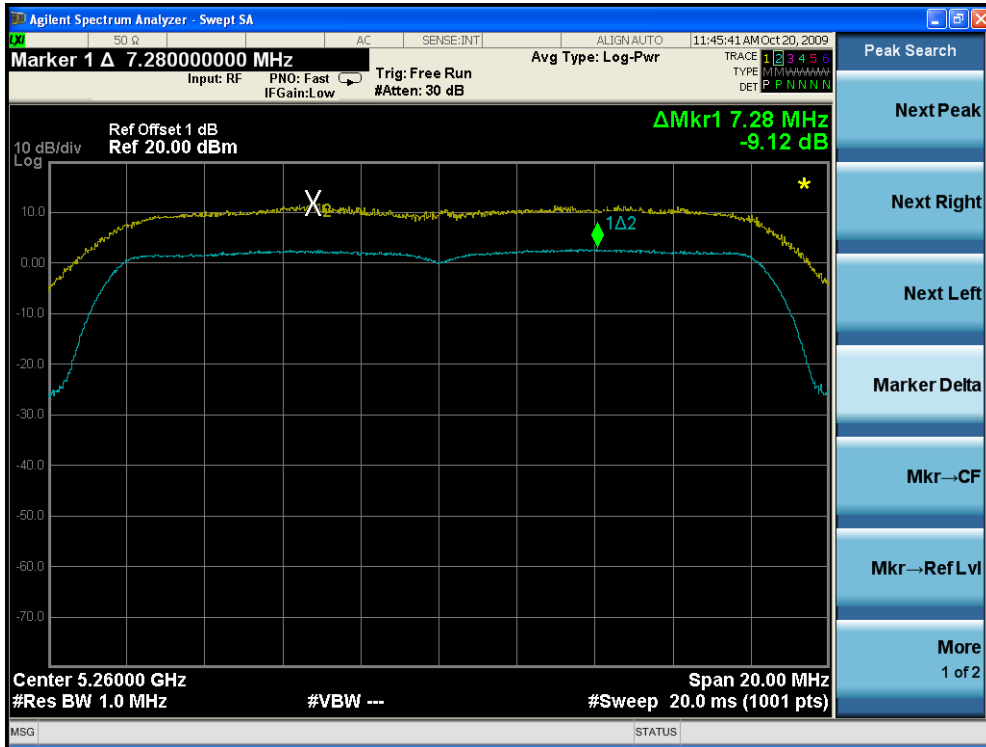
Channel 40 (5200MHz)



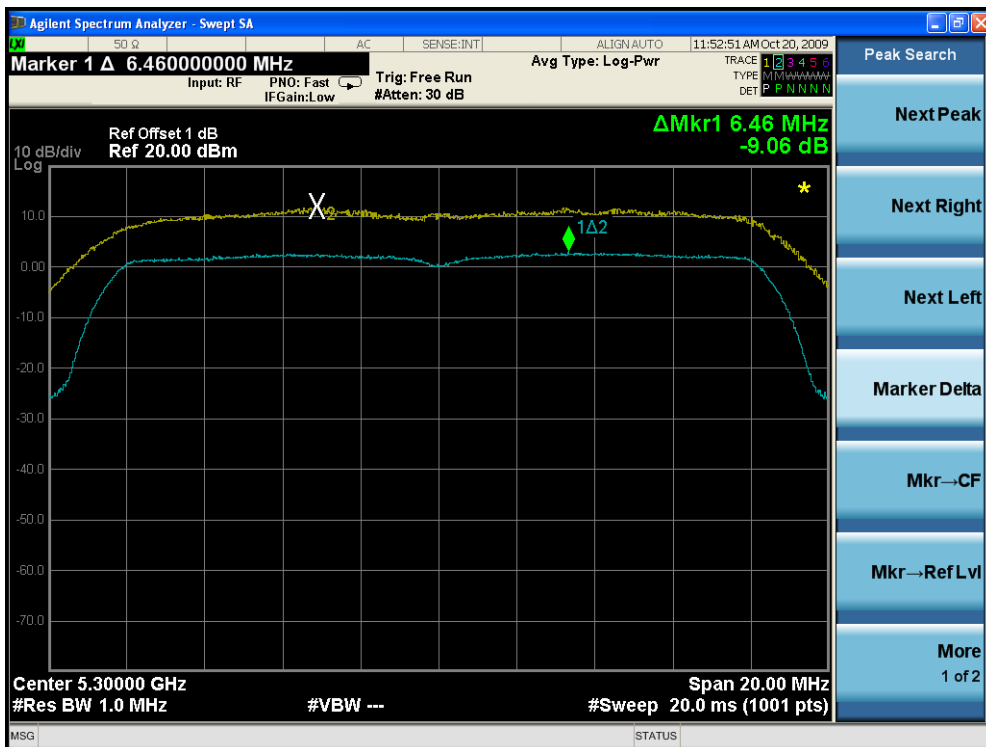
Channel 48 (5240MHz)



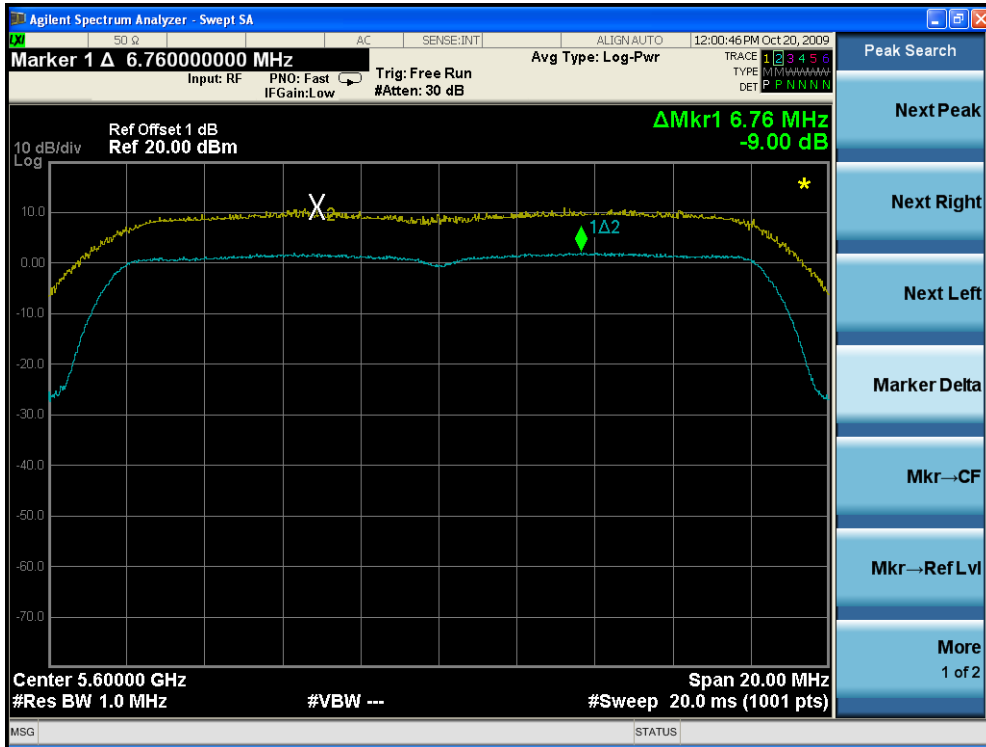
Channel 52 (5260MHz)



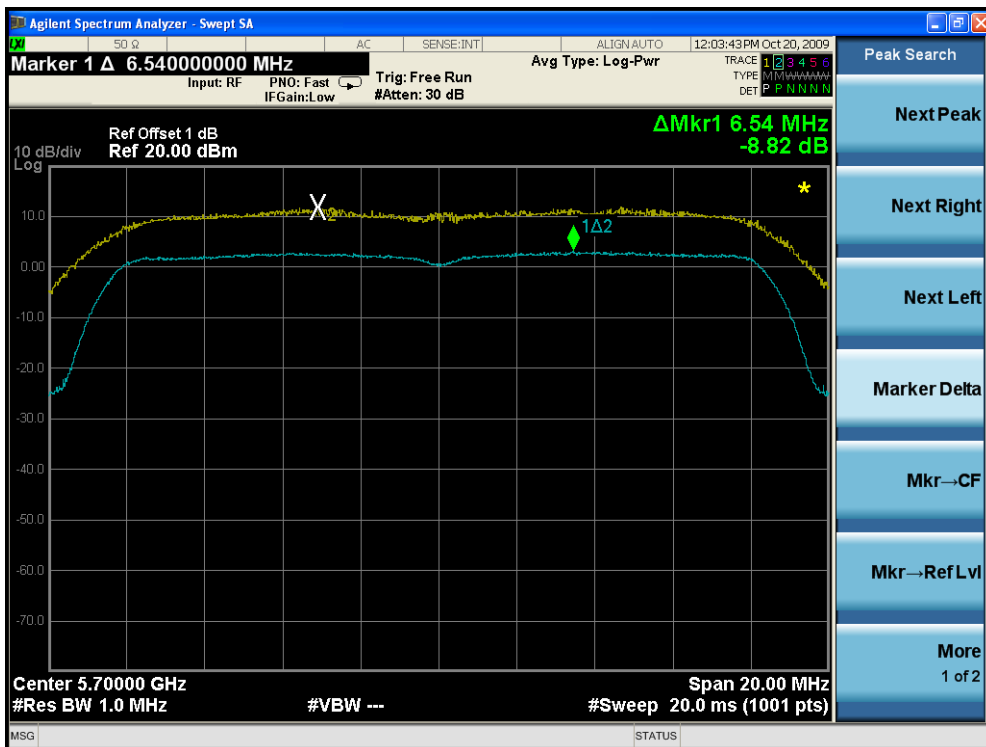
Channel 60 (5300MHz)



Channel 120 (5600MHz)



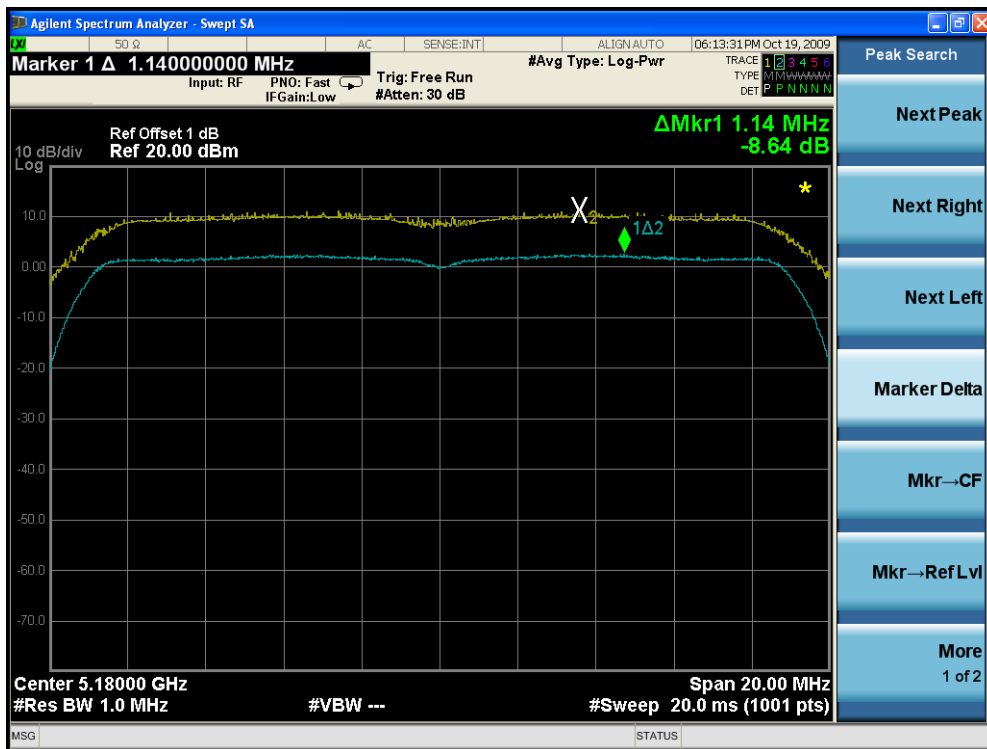
Channel 140 (5700MHz)



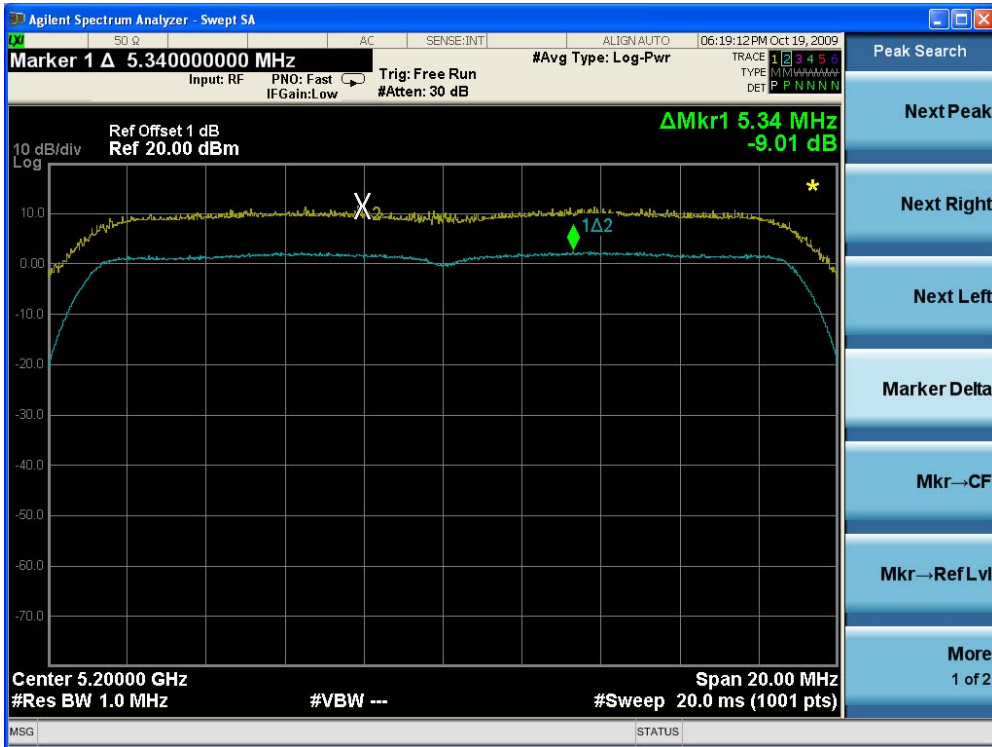
Product	:	802.11a/b/g/n WLAN Module
Test Item	:	Peak Excursion
Test Site	:	AC-6
Test Mode	:	Mode 1: Transmit by 802.11a (Chain 1)

Channel No.	Frequency (MHz)	Peak Excursion (dB)	Limit (dB)	Result
36	5180	8.64	13	Pass
40	5200	9.01	13	Pass
48	5240	6.30	13	Pass
52	5260	8.77	13	Pass
60	5300	8.94	13	Pass
64	5320	8.85	13	Pass
100	5500	8.85	13	Pass
120	5600	9.29	13	Pass
140	5700	8.80	13	Pass

Channel 36 (5180MHz)



Channel 40 (5200MHz)



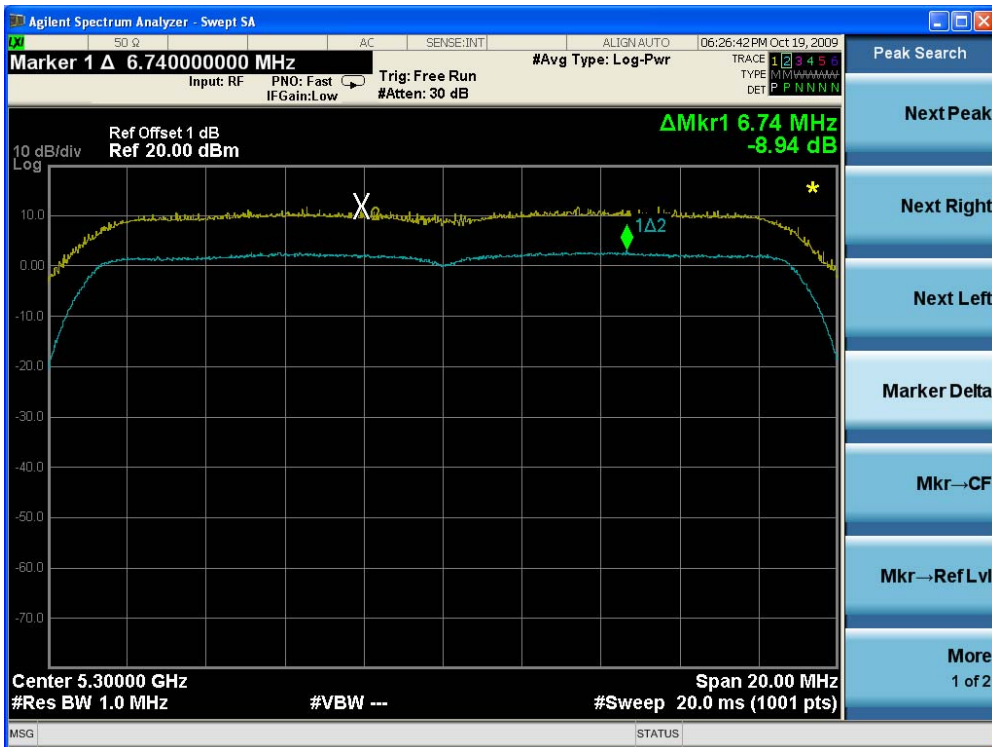
Channel 48 (5240MHz)



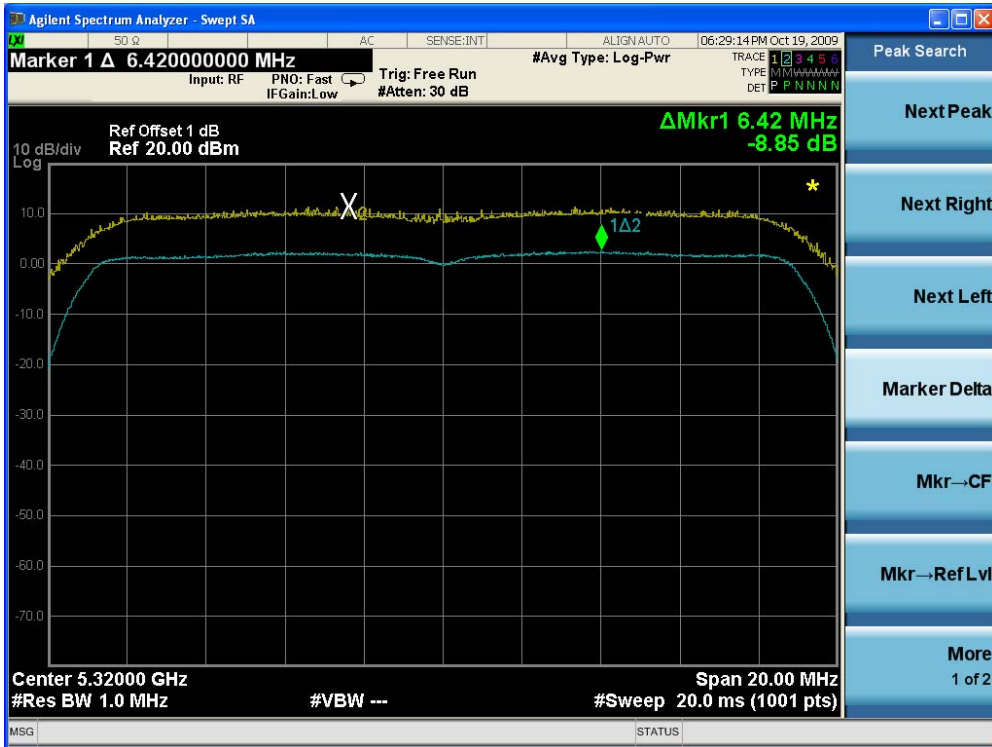
Channel 52 (5260MHz)



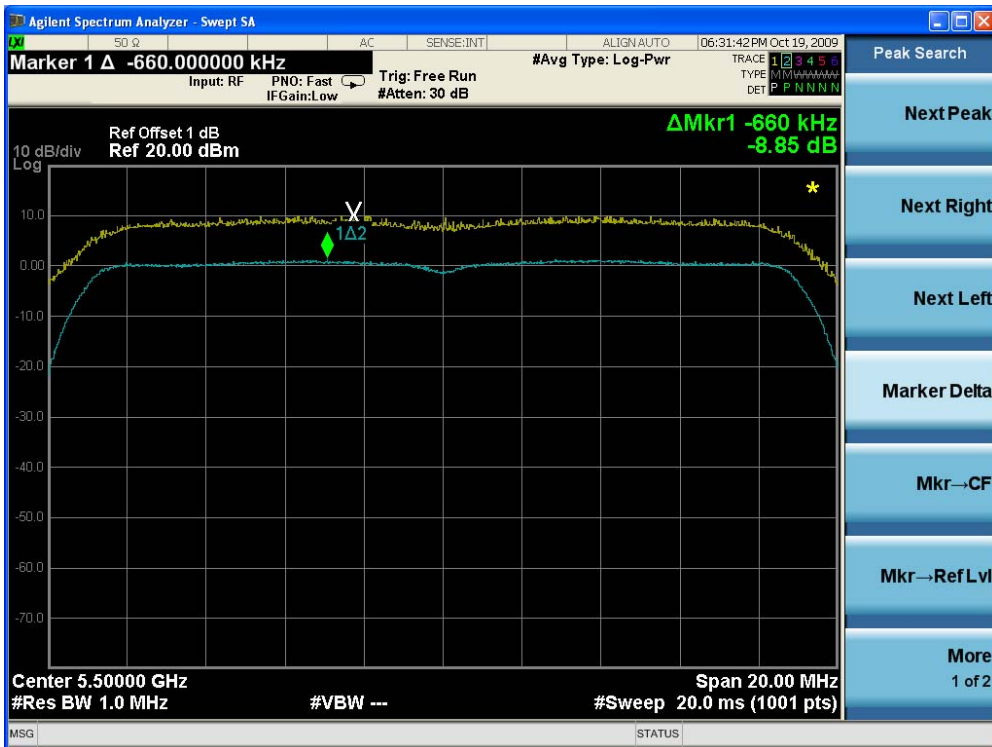
Channel 60 (5300MHz)



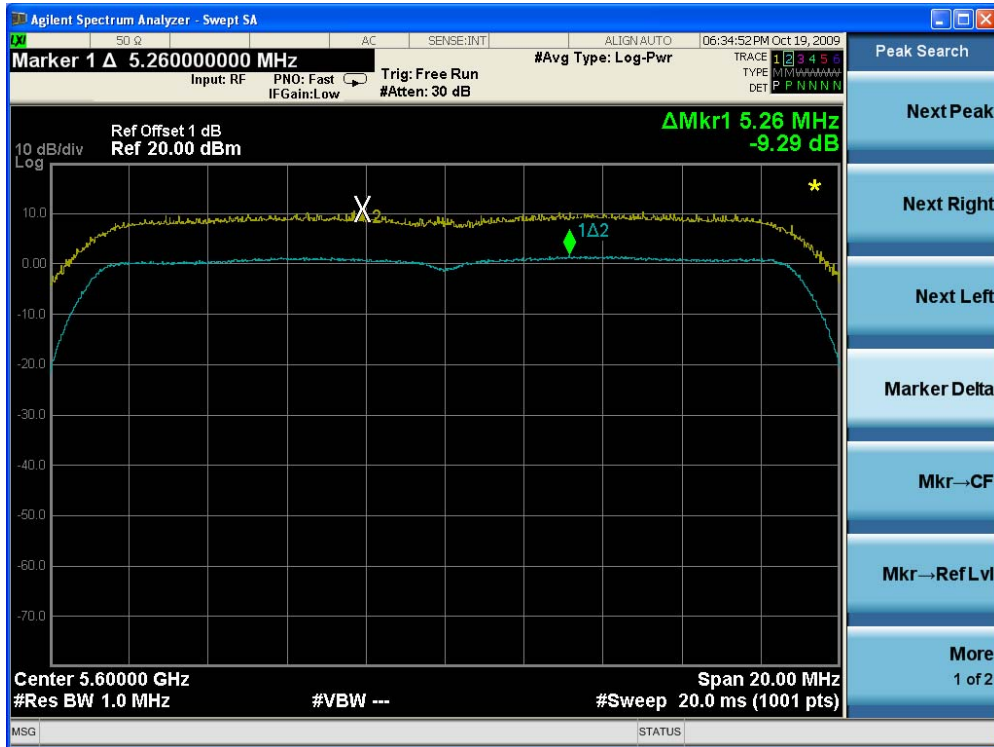
Channel 64 (5320MHz)



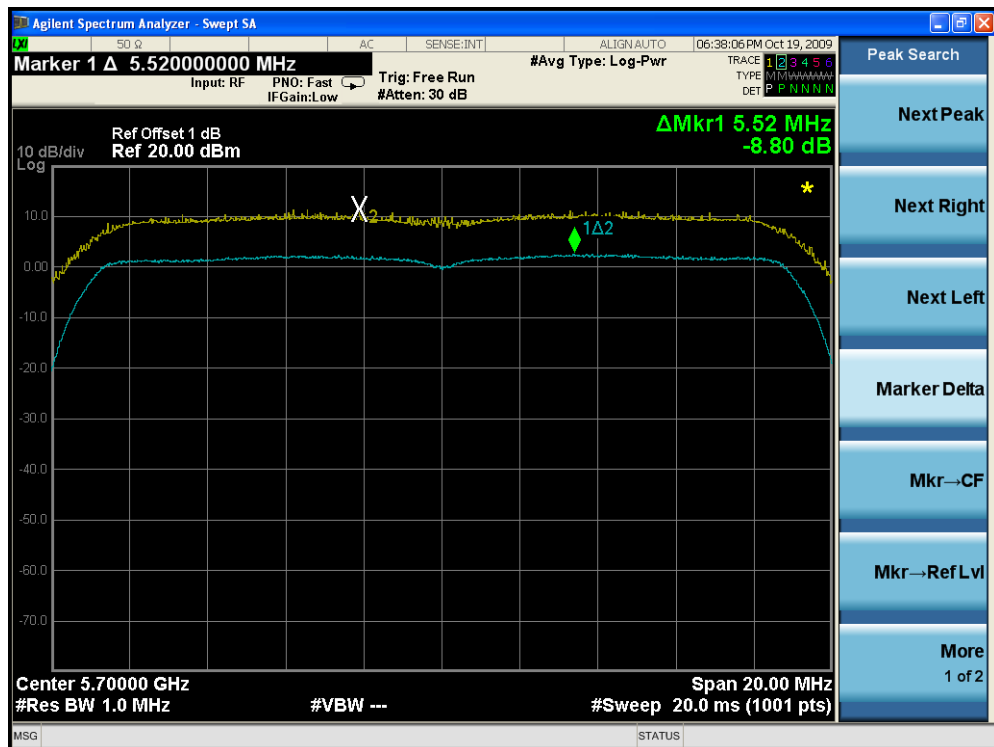
Channel 100 (5500MHz)



Channel 120 (5600MHz)



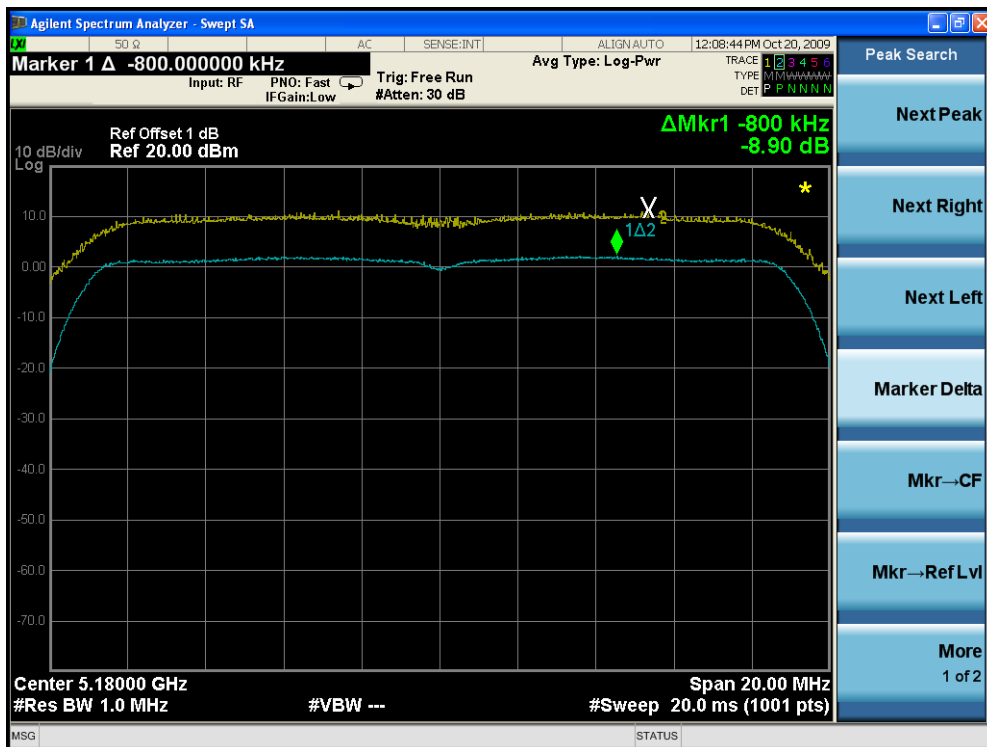
Channel 140 (5700MHz)



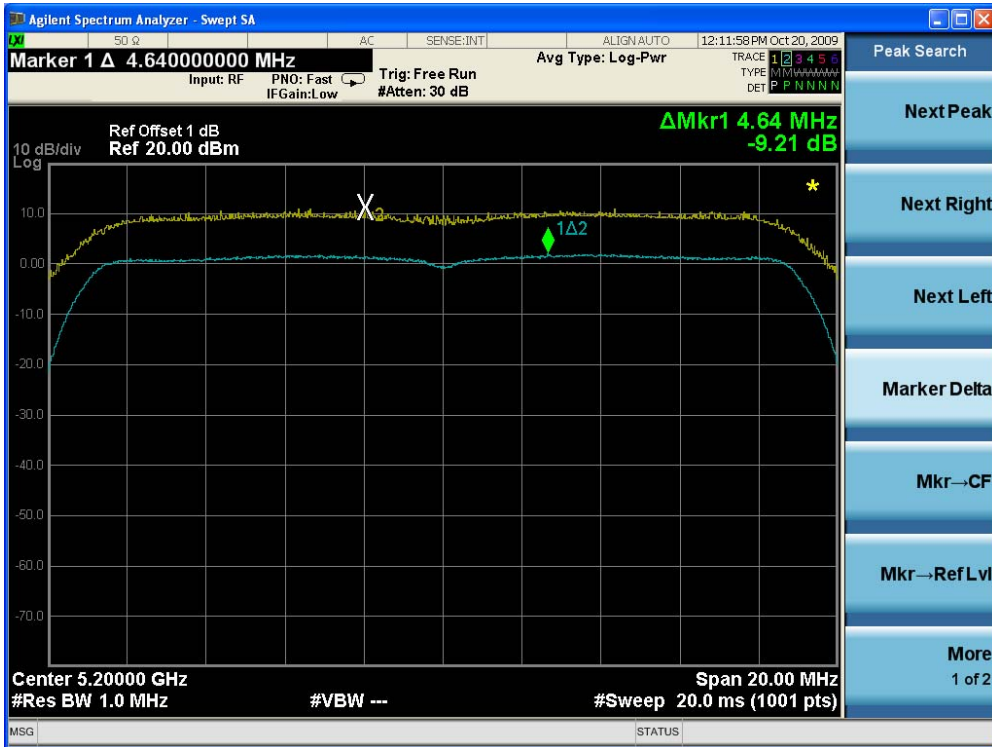
Product	:	802.11a/b/g/n WLAN Module
Test Item	:	Peak Excursion
Test Site	:	AC-6
Test Mode	:	Mode 2: Transmit by 802.11n (20MHz Bandwidth) (Chain 0)

Channel No.	Frequency (MHz)	Peak Excursion (dB)	Limit (dB)	Result
36	5180	8.90	13	Pass
40	5200	9.21	13	Pass
48	5240	7.45	13	Pass
52	5260	8.61	13	Pass
60	5300	9.22	13	Pass
64	5320	8.85	13	Pass
100	5500	9.04	13	Pass
120	5600	8.90	13	Pass
140	5700	9.08	13	Pass

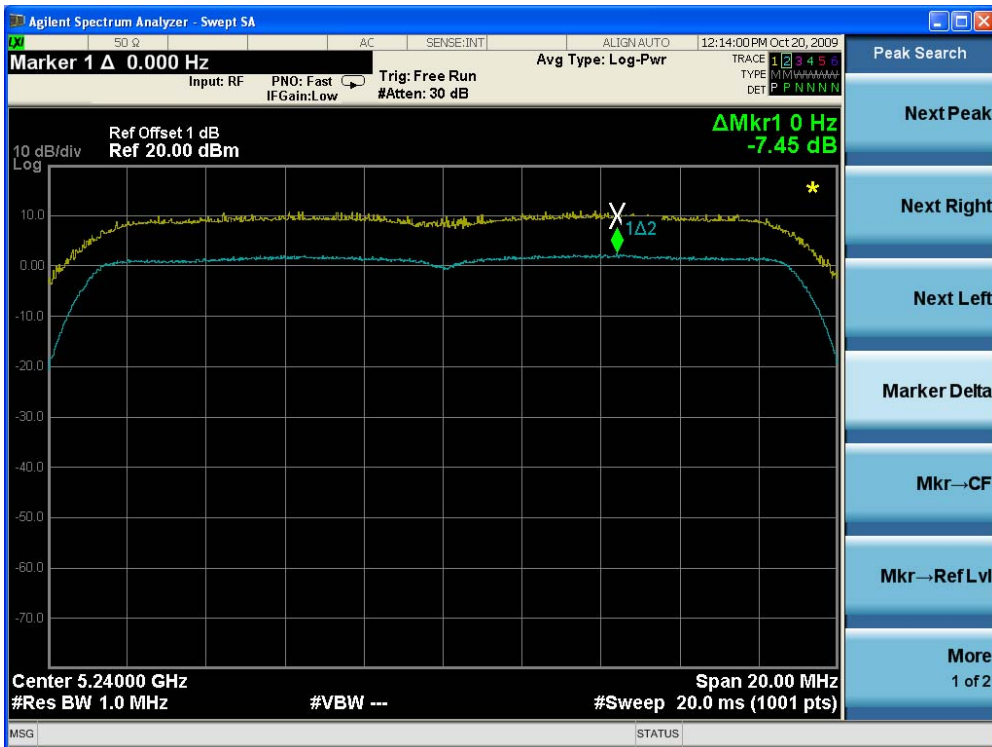
Channel 36 (5180MHz)



Channel 40 (5200MHz)



Channel 48 (5240MHz)



Channel 52 (5260MHz)



Channel 60 (5300MHz)



Channel 64 (5320MHz)



Channel 100 (5500MHz)



Channel 120 (5600MHz)



Channel 140 (5700MHz)



Product	:	802.11a/b/g/n WLAN Module
Test Item	:	Peak Excursion
Test Site	:	AC-6
Test Mode	:	Mode 2: Transmit by 802.11n (20MHz Bandwidth) (Chain 1)

Channel No.	Frequency (MHz)	Peak Excursion (dB)	Limit (dB)	Result
36	5180	9.26	13	Pass
40	5200	9.28	13	Pass
48	5240	9.11	13	Pass
52	5260	8.99	13	Pass
60	5300	9.16	13	Pass
64	5320	9.16	13	Pass
100	5500	8.83	13	Pass
120	5600	8.48	13	Pass
140	5700	8.39	13	Pass

Channel 36 (5180MHz)



Channel 40 (5200MHz)



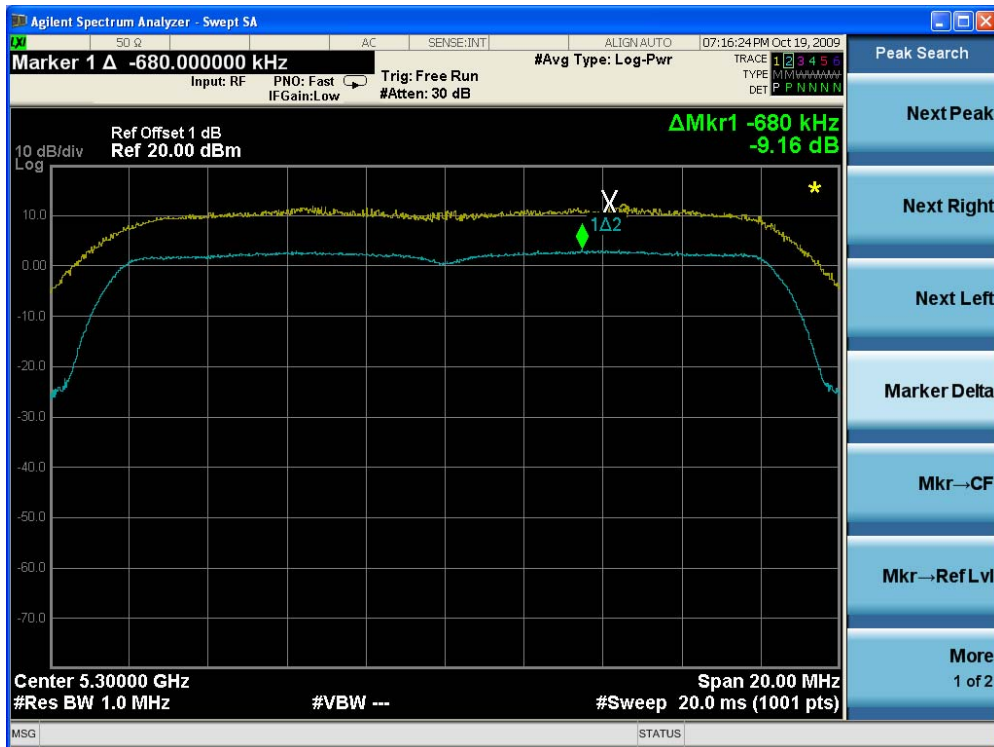
Channel 48 (5240MHz)



Channel 52 (5260MHz)



Channel 60 (5300MHz)



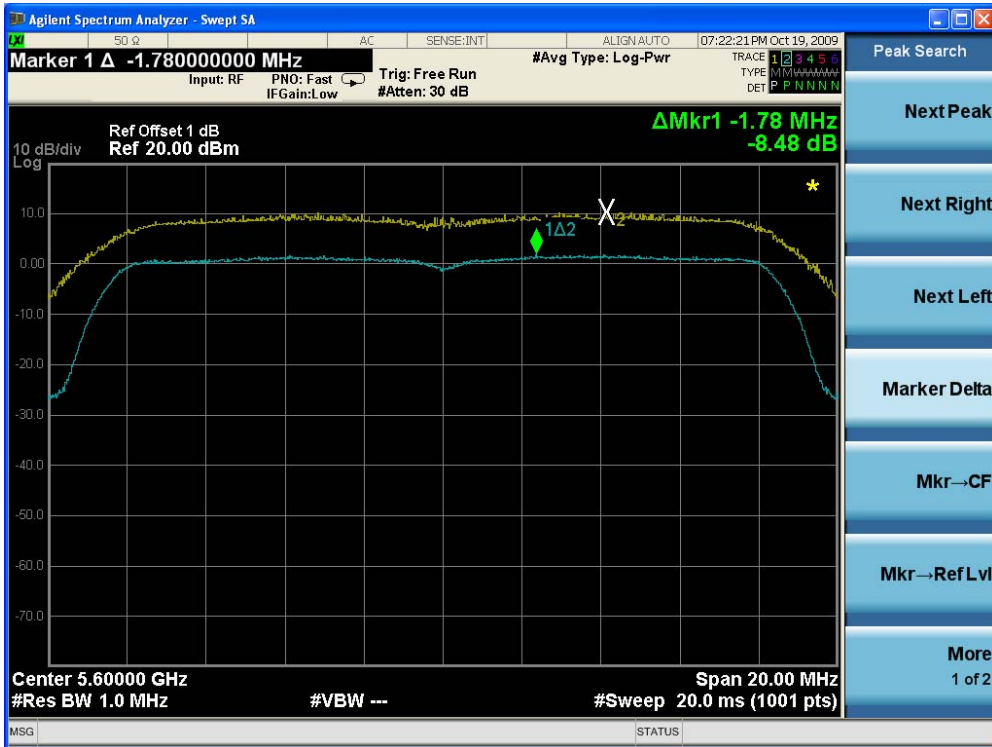
Channel 64 (5320MHz)



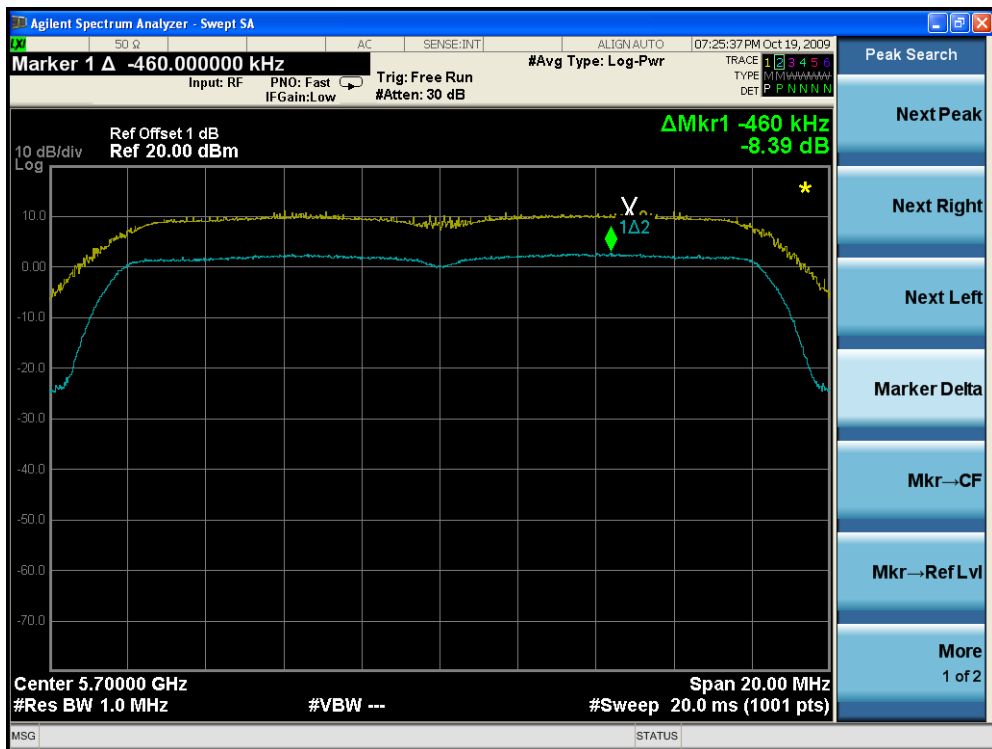
Channel 100 (5500MHz)



Channel 120 (5600MHz)



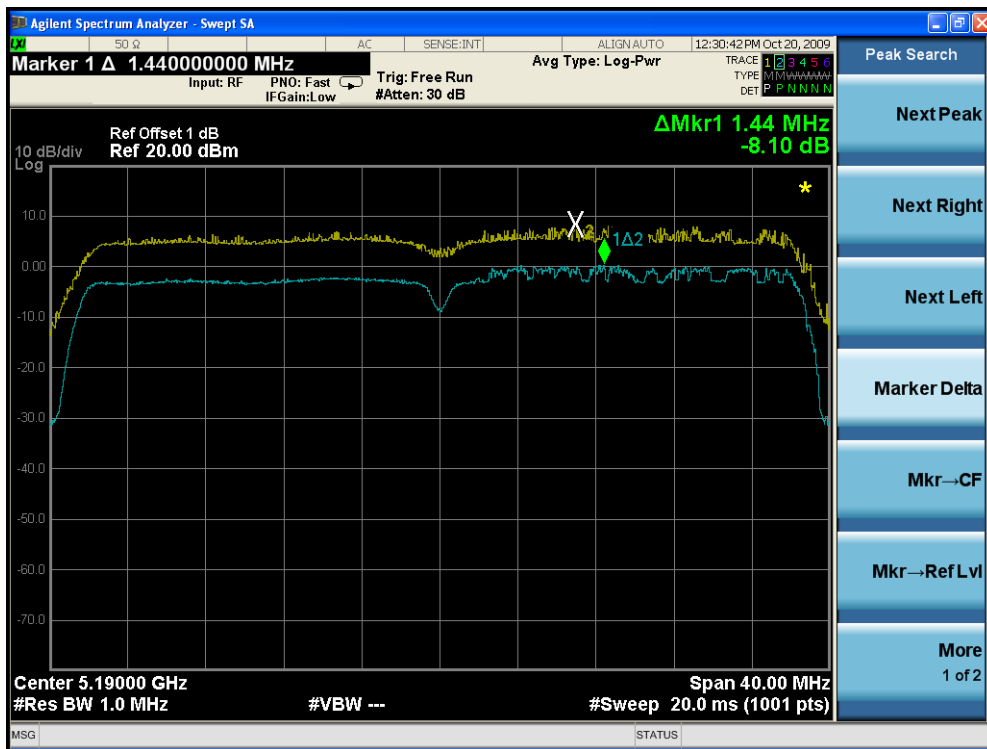
Channel 140 (5700MHz)



Product	:	802.11a/b/g/n WLAN Module
Test Item	:	Peak Excursion
Test Site	:	AC-6
Test Mode	:	Mode 3: Transmit by 802.11n (40MHz Bandwidth) (Chain 0)

Channel No.	Frequency (MHz)	Peak Excursion (dB)	Limit (dB)	Result
38	5190	8.10	13	Pass
46	5230	7.39	13	Pass
54	5270	7.98	13	Pass
62	5310	7.72	13	Pass
102	5510	7.73	13	Pass
118	5590	7.93	13	Pass
134	5670	7.58	13	Pass

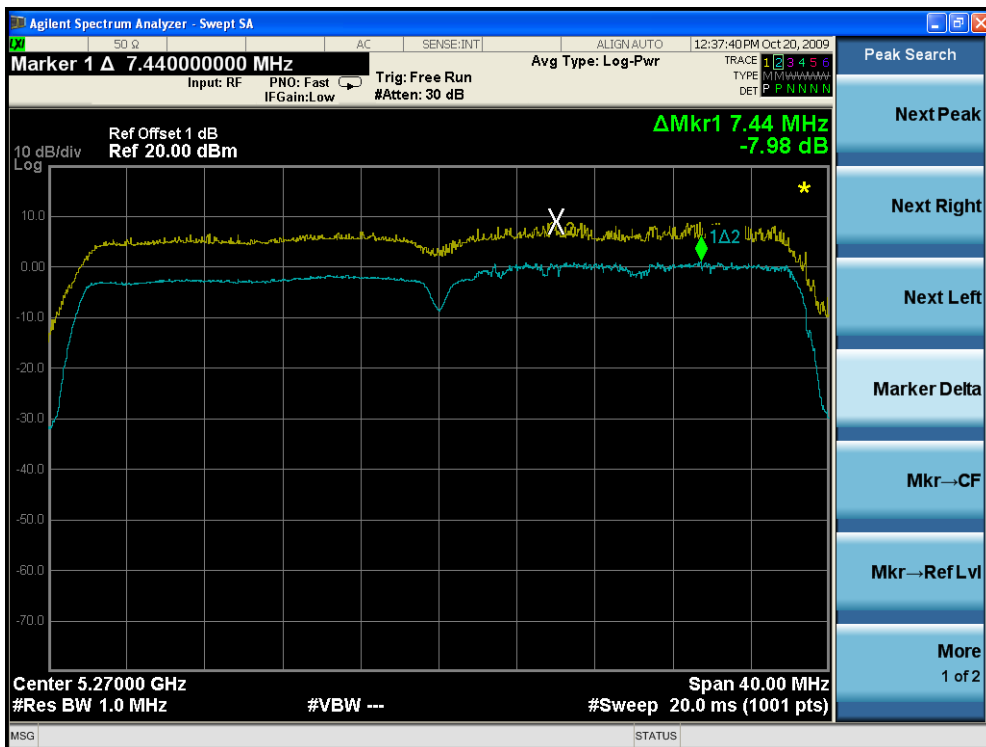
Channel 38 (5190MHz)



Channel 46 (5230MHz)



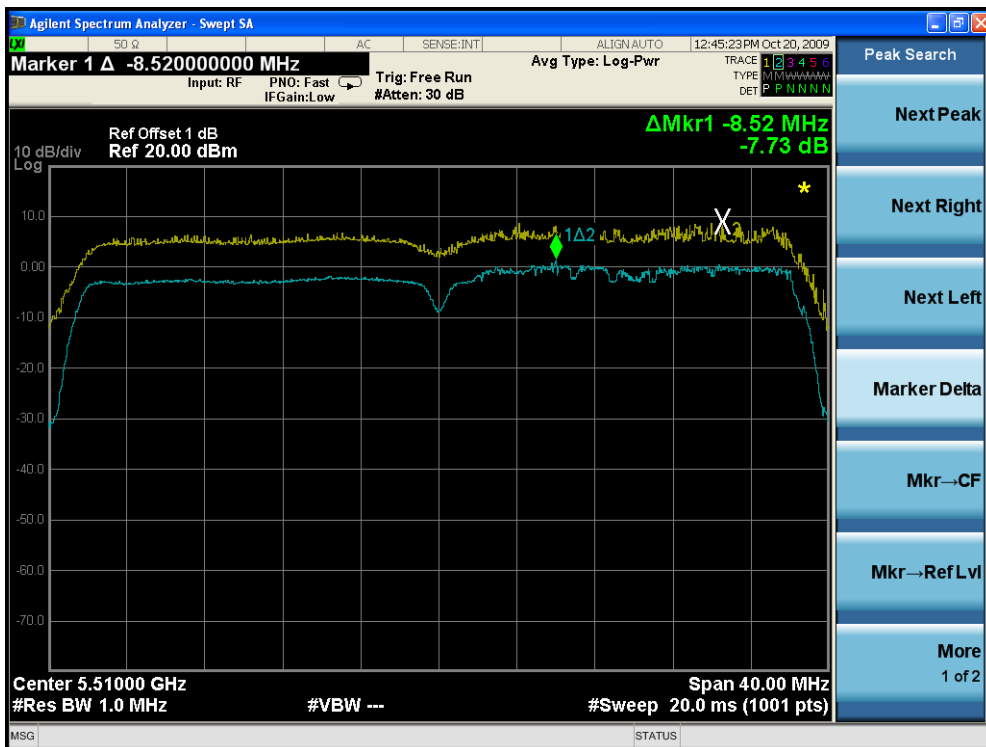
Channel 54 (5270MHz)



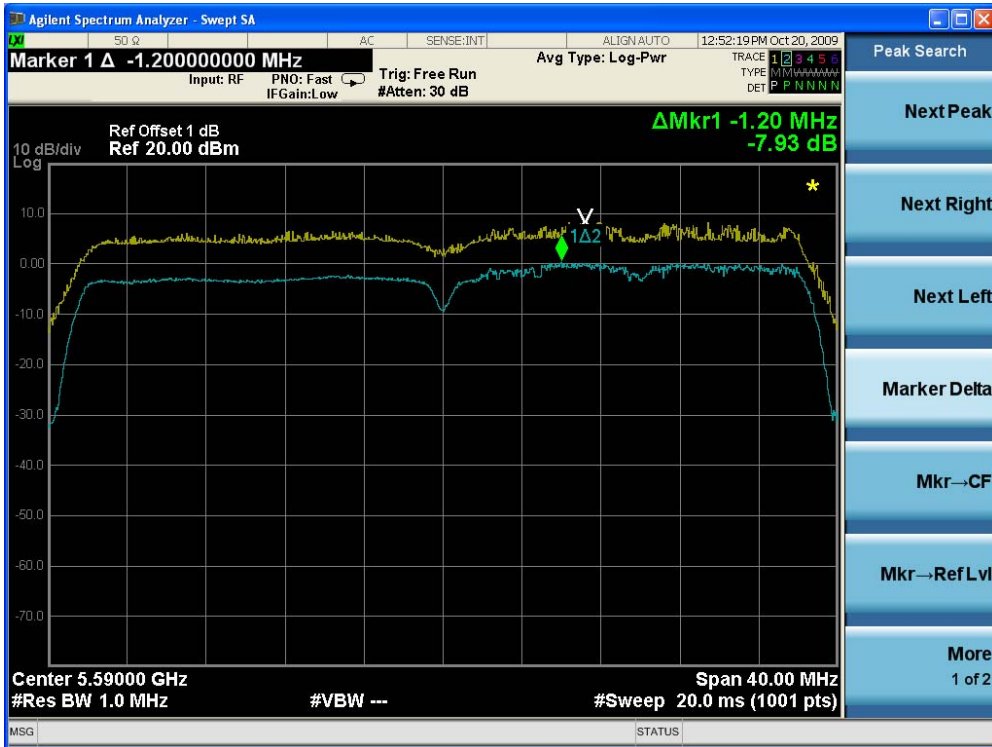
Channel 62 (5310MHz)



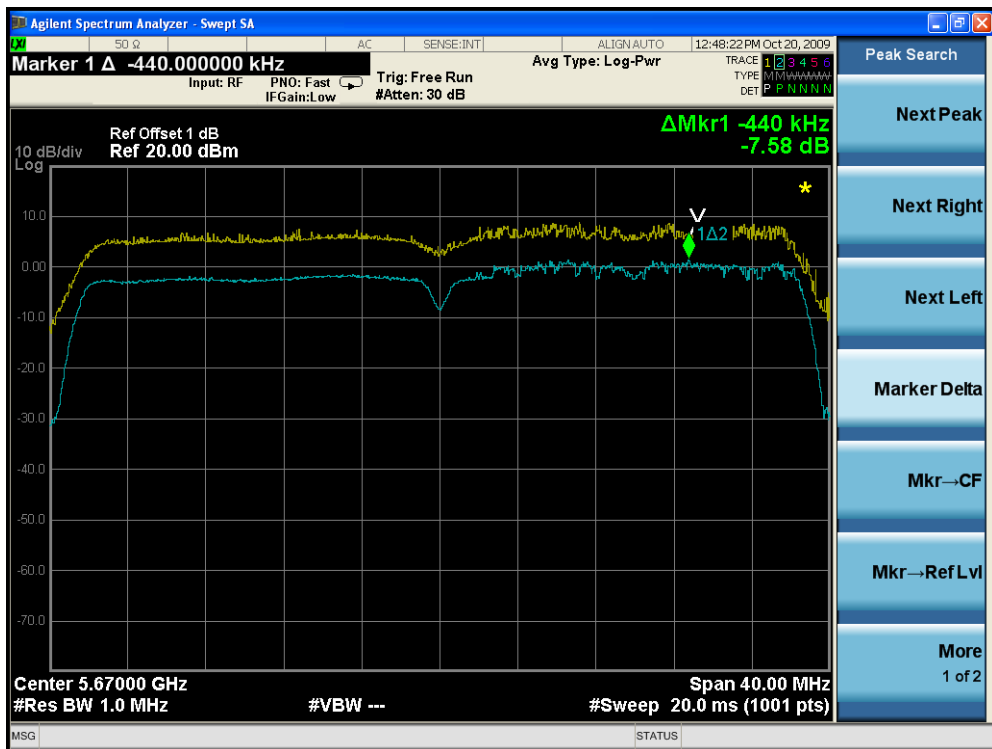
Channel 102 (5510MHz)



Channel 118 (5590MHz)



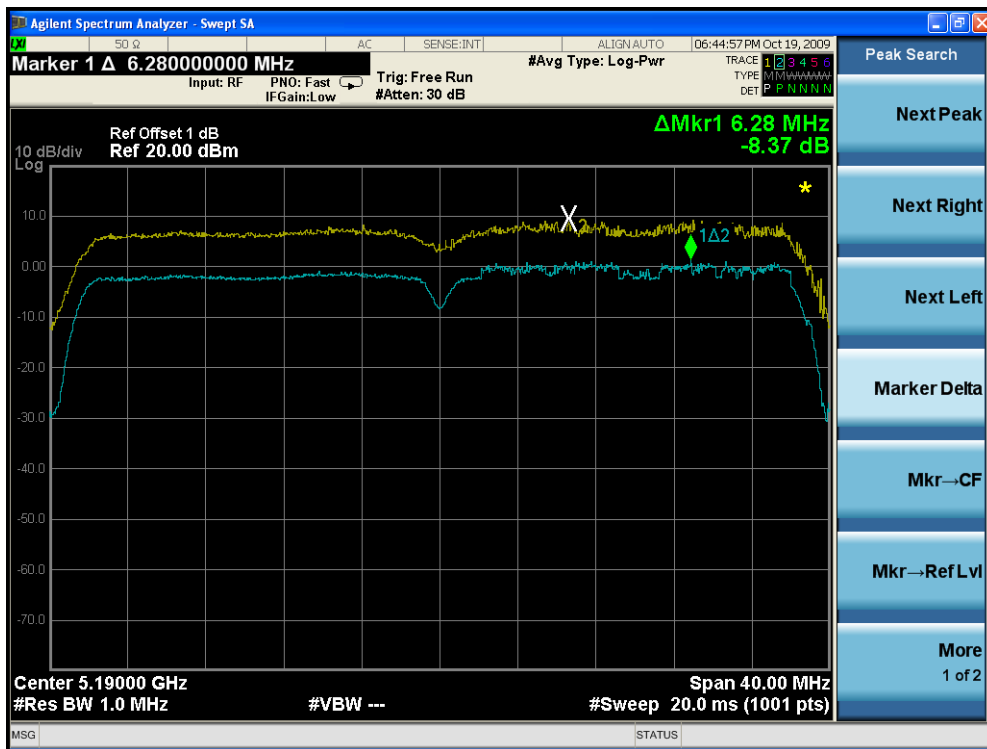
Channel 134 (5670MHz)



Product	:	802.11a/b/g/n WLAN Module
Test Item	:	Peak Excursion
Test Site	:	AC-6
Test Mode	:	Mode 3: Transmit by 802.11n (40MHz Bandwidth) (Chain 1)

Channel No.	Frequency (MHz)	Peak Excursion (dB)	Limit (dB)	Result
38	5190	8.37	13	Pass
46	5230	8.95	13	Pass
54	5270	8.76	13	Pass
62	5310	8.14	13	Pass
102	5510	10.04	13	Pass
118	5590	8.43	13	Pass
134	5670	8.39	13	Pass

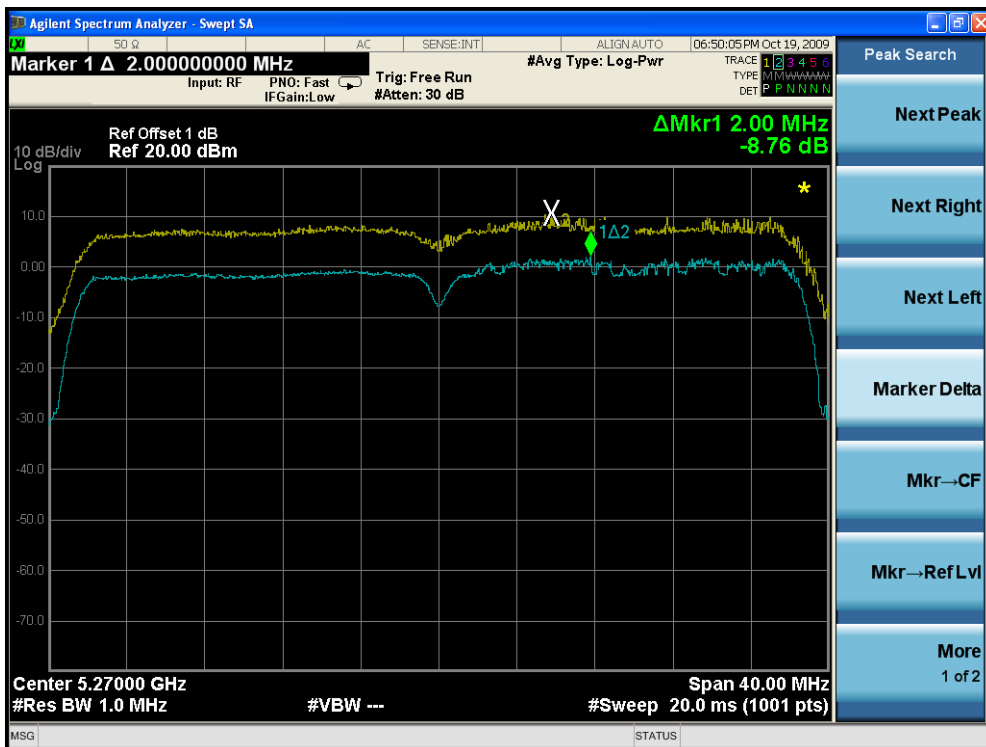
Channel 38 (5190MHz)



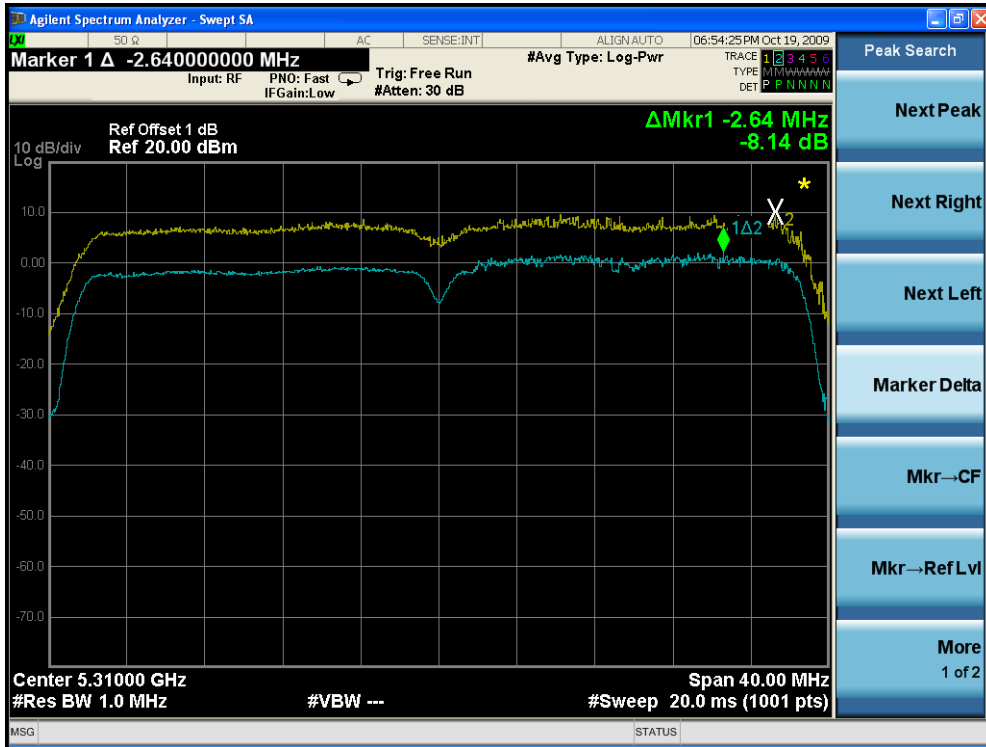
Channel 46 (5230MHz)



Channel 54 (5270MHz)



Channel 62 (5310MHz)



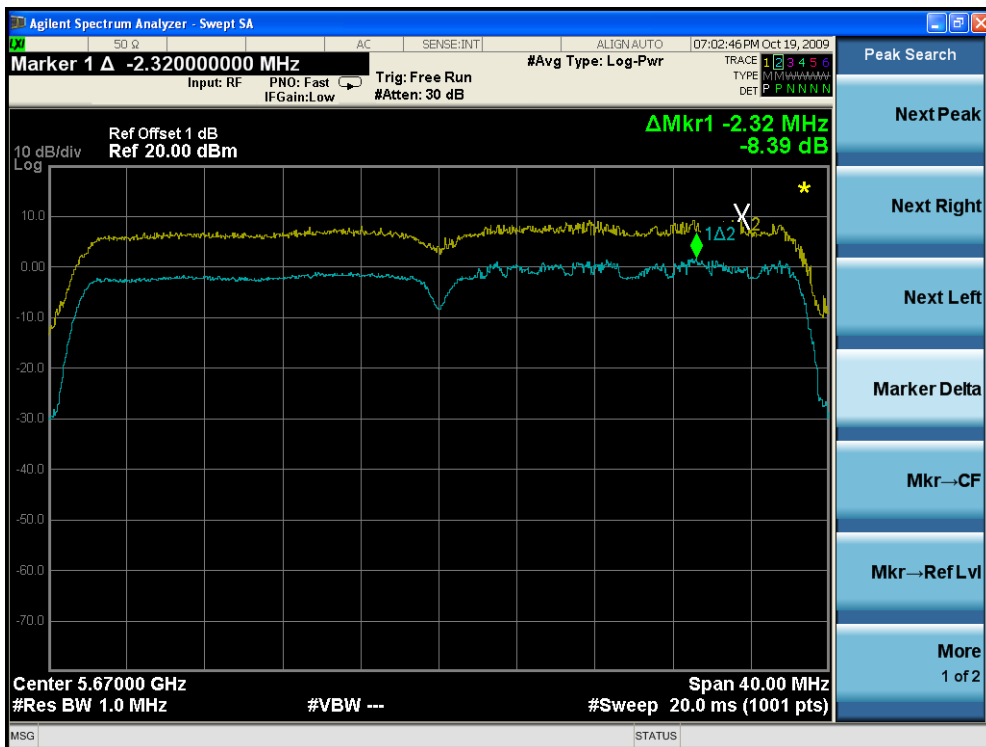
Channel 102 (5510MHz)



Channel 118 (5590MHz)



Channel 134 (5670MHz)



10. Radiated Emission Band Edge

10.1. Test Equipment

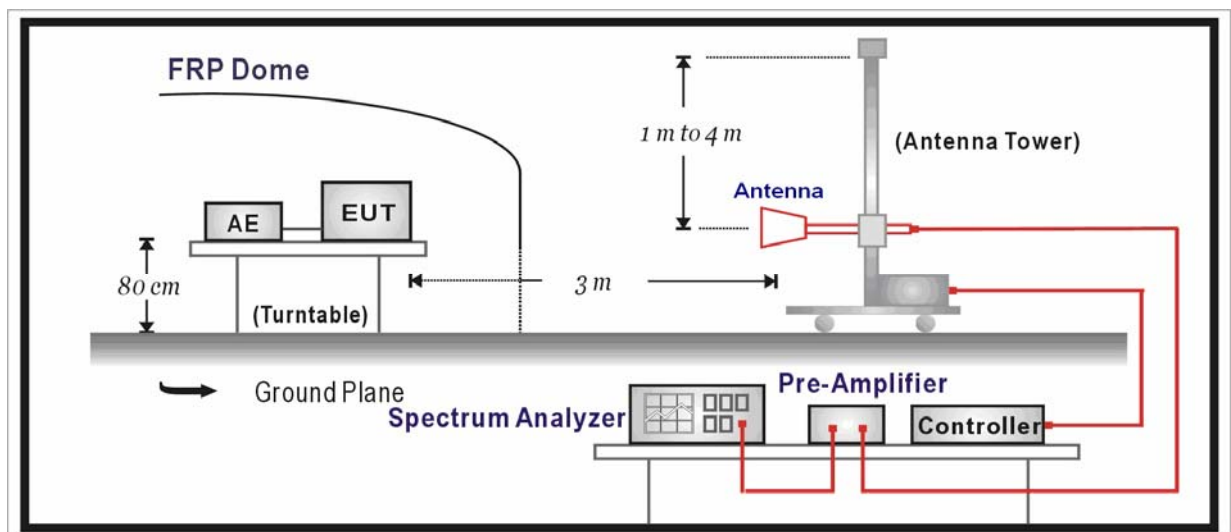
☒ Radiated Emission / AC-2

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2009/06/11
Broad-Band Horn Antenna	Schwarzbeck	BBHA9120D	496	2008/11/25
Coaxial Cable	Huber+Suhner	AC2-C	04	2008/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH002	2009/03/31

Note 1: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

Note 2: The test instruments marked with “X” are used to measure the final test results.

10.2. Test Setup



10.3. Limit

For 15.205 requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a).

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
¹ 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	(²)

For 15.407(b) requirement:

- For transmitters operating in the 5.15-5.25 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz.
- For transmitters operating in the 5.25-5.35 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz. Devices operating in the 5.25-5.35 GHz band that generate emissions in the 5.15-5.25 GHz band must meet all applicable technical requirements for operation in the 5.15-5.25 GHz band (including indoor use) or alternatively meet an out-of-band emission EIRP limit of -27dBm/MHz in the 5.15-5.25 GHz band.
- For transmitters operating in the 5.47-5.725 GHz band: all emission outside of the 5.47-5.725 GHz band shall not exceed an EIRP of -27 dBm/MHz.
- For transmitters operating in the 5.725-5.825 GHz band: all emission within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an EIRP of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an EIRP of -27 dBm/MHz.

Operating Frequency Band (MHz)	EIRP Limit (dBm/MHz)	Equivalent Field Strength at 3m (dBuV/m)
5150 - 5250	-27	68.3
5250 - 5350	-27	68.3
5470 - 5725	-27	68.3
5725 - 5825	-27 [Note(1)]	68.3
	-17 [Note(2)]	78.3
<p>Note(1): Outside the frequency range 5715 - 5835MHz.</p> <p>Note(2): Within the frequency range from the band edge to 10MHz below or above the band edge, 5715 – 5725MHz and 5825 - 5835MHz.</p>		

10.4. Test Procedure

The EUT was tested according to FCC Public Notice DA 02-2138, August 30, 2002 for compliance to FCC 47CFR 15.407 requirements.

The EUT is placed on a turn table which is 0.8 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.4:2003 on radiated measurement.

Note: When doing emission measurement above 1GHz, the horn antenna will be bended down a little (as horn antenna has the narrow beamwidth) in order to keeping the antenna in the “cone of radiation” of EUT. The 3dB beamwidth is 10~60 degrees for H-plane and 10~90 degrees for E-plane.

10.5. Uncertainty

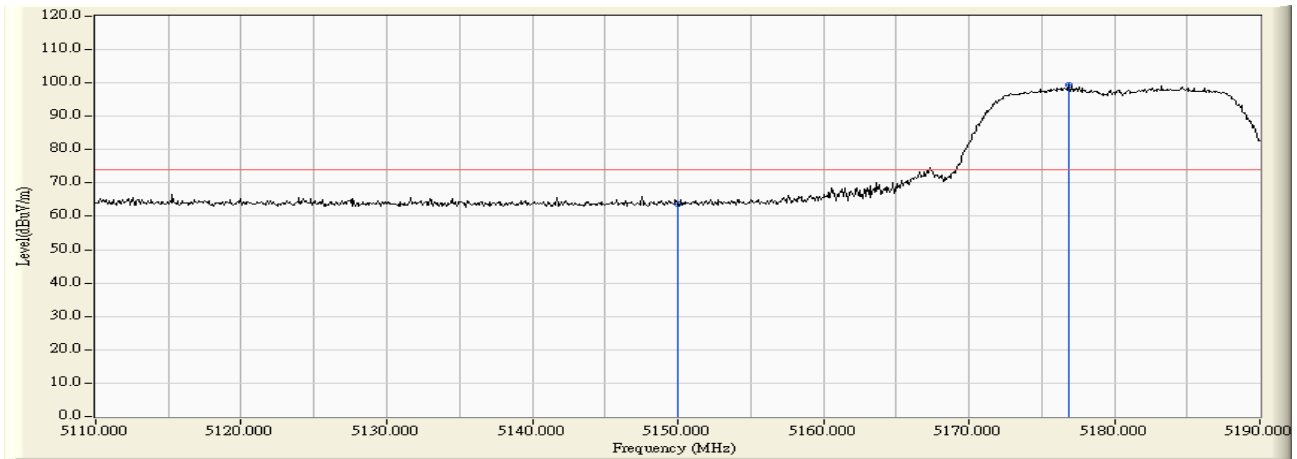
The measurement uncertainty above 1GHz is defined as ± 3.9 dB

10.6. Test Result

Peak detector: RBW = 1MHz, VBW = 3MHz, sweep time = 200ms;

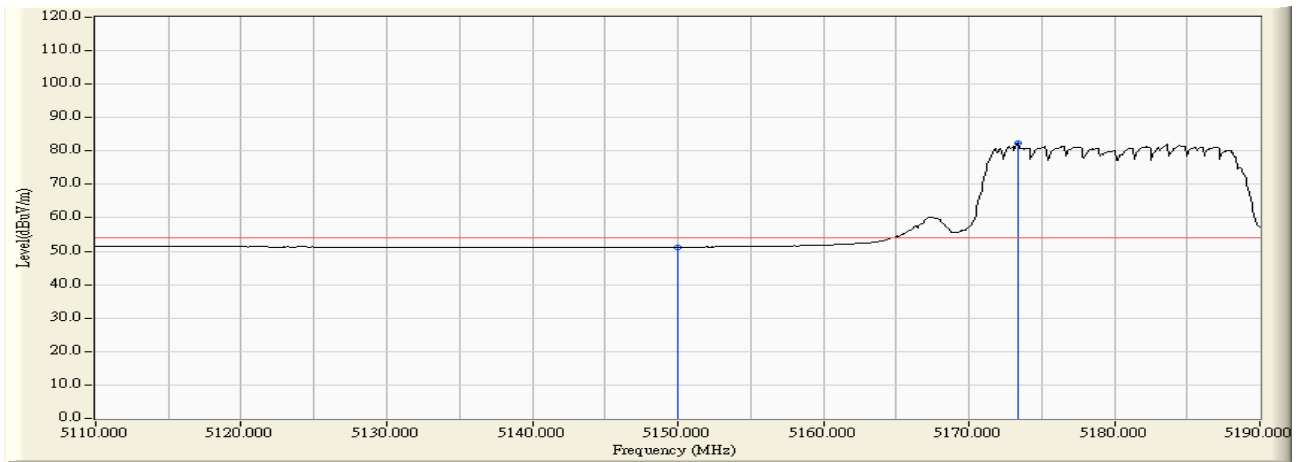
Average detector: RBW = 1MHz, VBW = 10Hz, sweep time = auto.

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/10/16 - 03:01
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : 802.11a/b/g/n WLAN Module	Note : Mode 1: Transmit at channel 5180MHz By 802.11a(Chain 0)



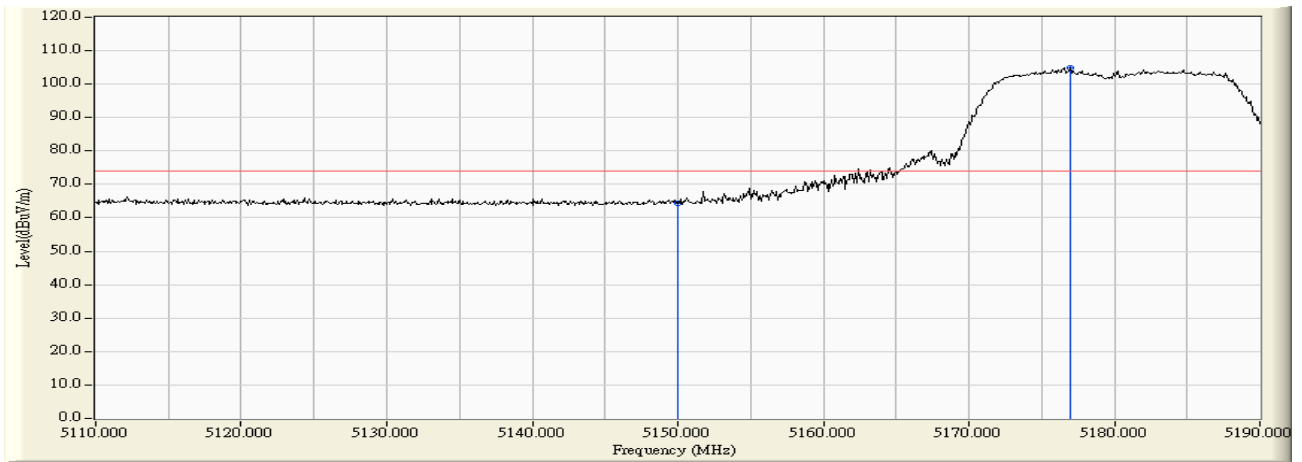
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5150.000	1.093	62.454	63.547	-10.423	73.970	PEAK
2	*	5176.880	1.132	98.154	99.286	N/A	N/A	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/10/16 - 03:02
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : 802.11a/b/g/n WLAN Module	Note : Mode 1: Transmit at channel 5180MHz By 802.11a(Chain 0)



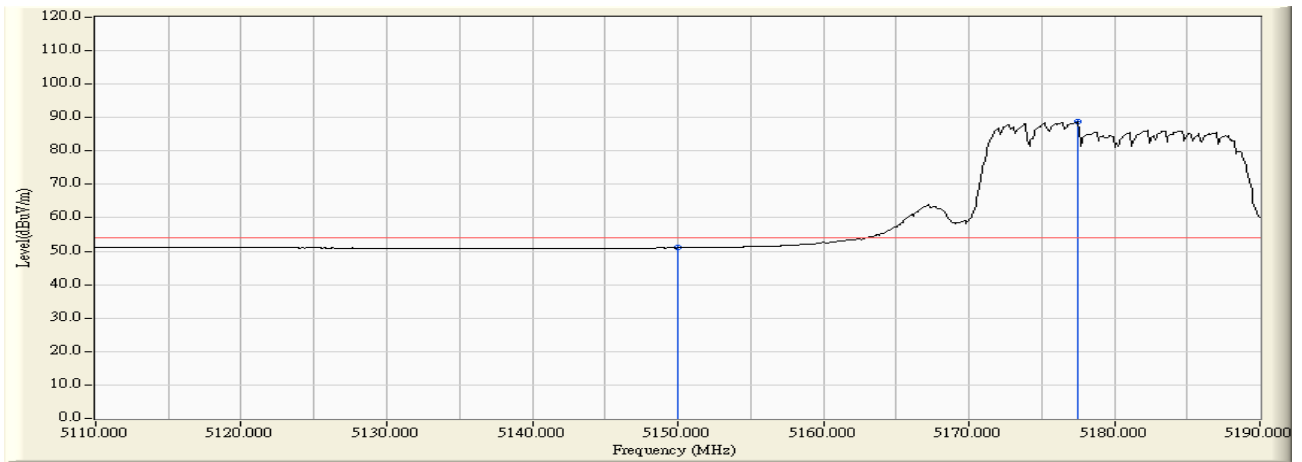
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5150.000	1.093	50.142	51.235	-2.735	53.970	AVERAGE
2	*	5173.360	1.127	81.127	82.253	N/A	N/A	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/10/16 - 03:05
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : 802.11a/b/g/n WLAN Module	Note : Mode 1: Transmit at channel 5180MHz By 802.11a(Chain 0)



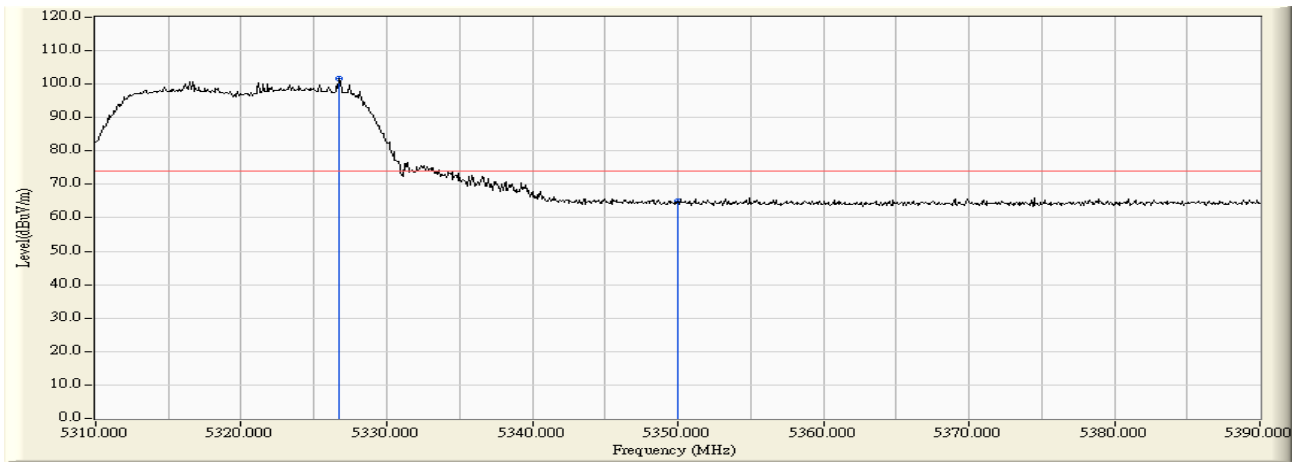
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5150.000	1.093	63.112	64.205	-9.765	73.970	PEAK
2	*	5176.960	1.132	103.699	104.831	N/A	N/A	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/10/16 - 03:06
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : 802.11a/b/g/n WLAN Module	Note : Mode 1: Transmit at channel 5180MHz By 802.11a(Chain 0)



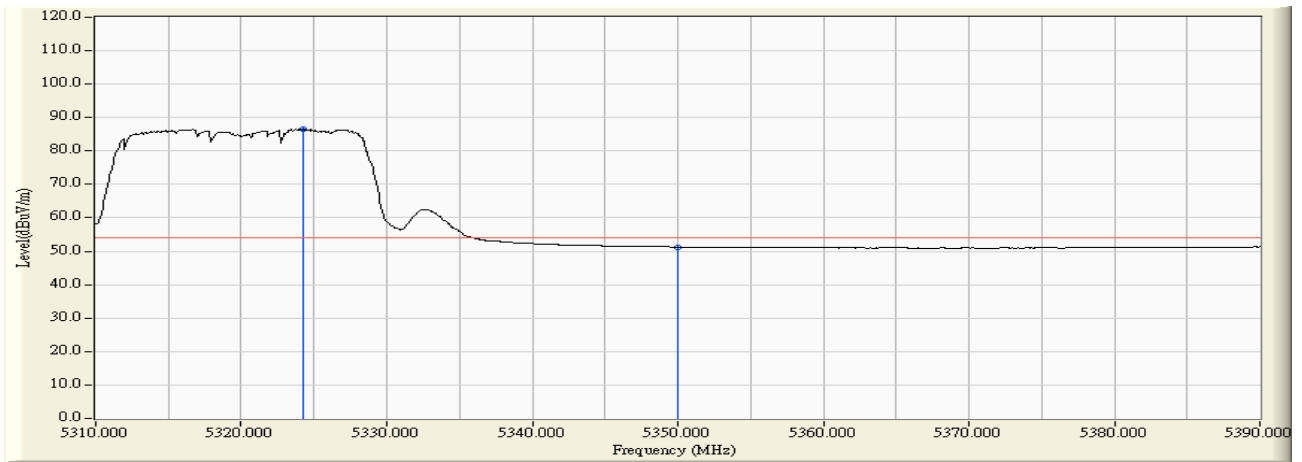
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5150.000	1.093	49.900	50.993	-2.977	53.970	AVERAGE
2	*	5177.440	1.133	87.524	88.657	N/A	N/A	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/10/16 - 03:28
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : 802.11a/b/g/n WLAN Module	Note : Mode 1: Transmit at channel 5320MHz By 802.11a(Chain 0)



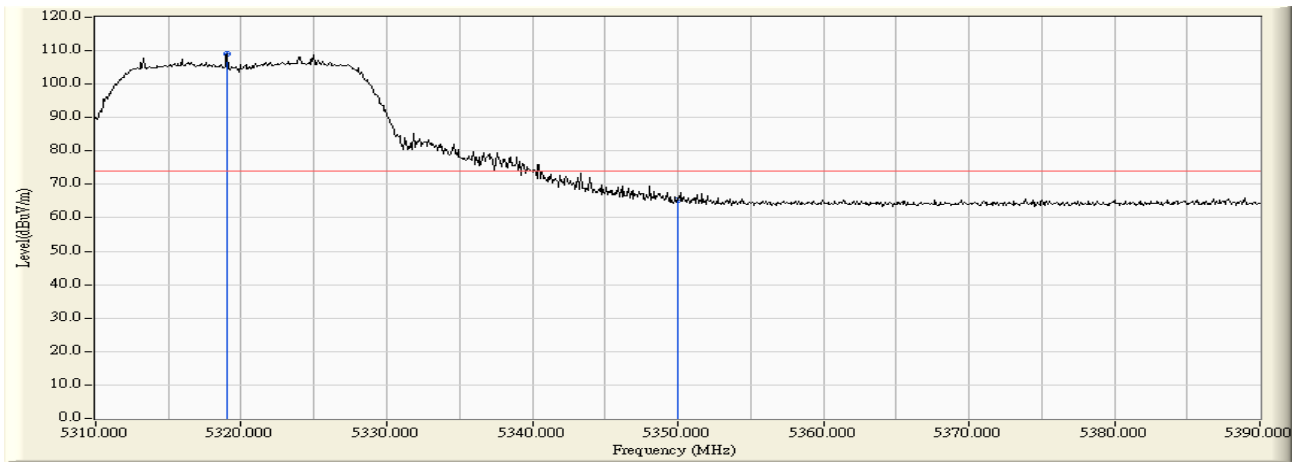
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5326.720	1.359	100.370	101.729	N/A	N/A	PEAK
2		5350.000	1.298	63.561	64.859	-9.111	73.970	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/10/16 - 03:29
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : 802.11a/b/g/n WLAN Module	Note : Mode 1: Transmit at channel 5320MHz By 802.11a(Chain 0)



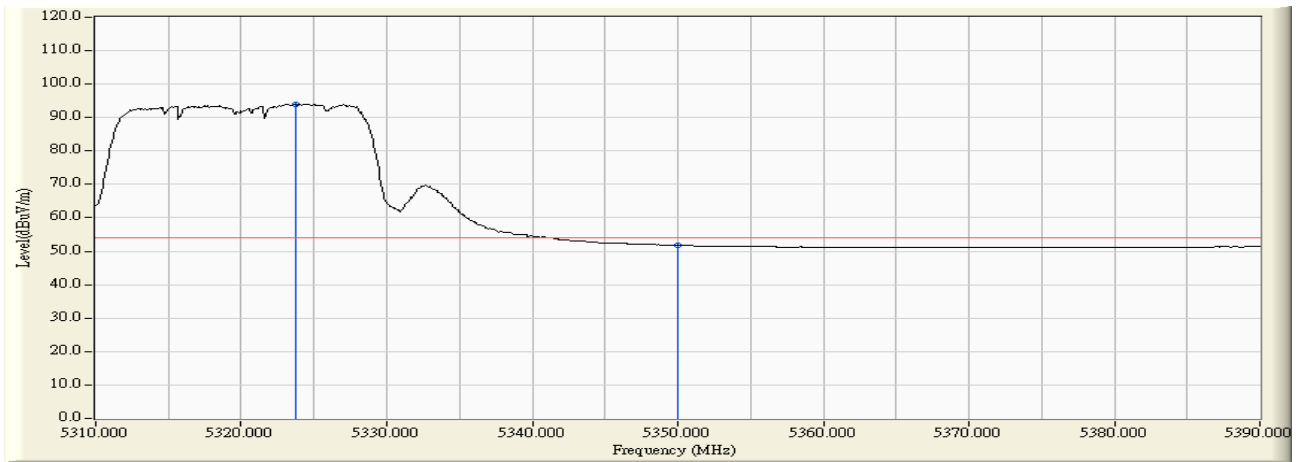
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5324.240	1.369	85.136	86.505	N/A	N/A	AVERAGE
2		5350.000	1.298	49.983	51.281	-2.689	53.970	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/10/16 - 03:32
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : 802.11a/b/g/n WLAN Module	Note : Mode 1: Transmit at channel 5320MHz By 802.11a(Chain 0)



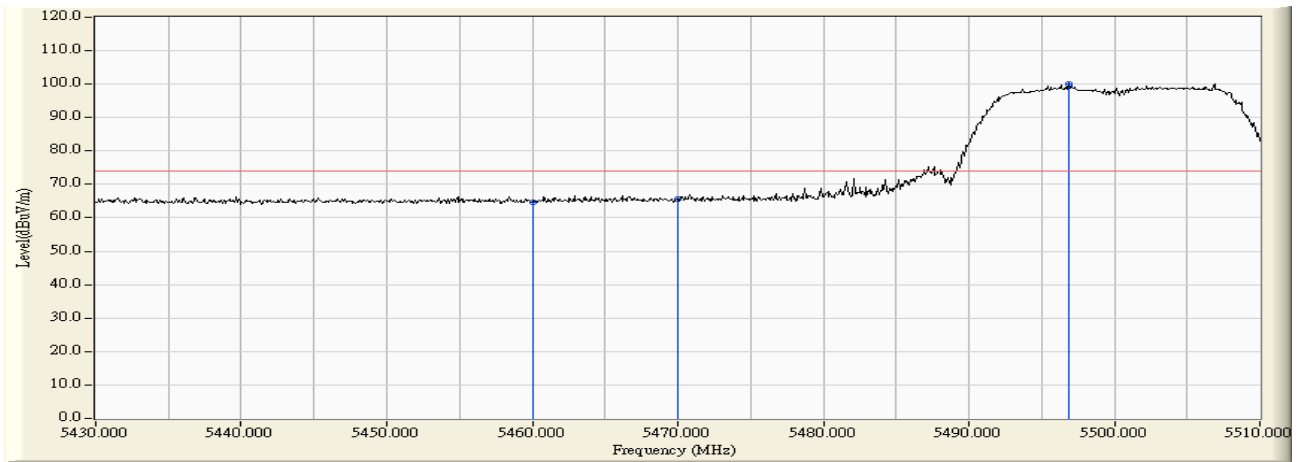
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5319.040	1.387	107.768	109.155	N/A	N/A	PEAK
2		5350.000	1.298	64.008	65.306	-8.664	73.970	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/10/16 - 03:32
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : 802.11a/b/g/n WLAN Module	Note : Mode 1: Transmit at channel 5320MHz By 802.11a(Chain 0)



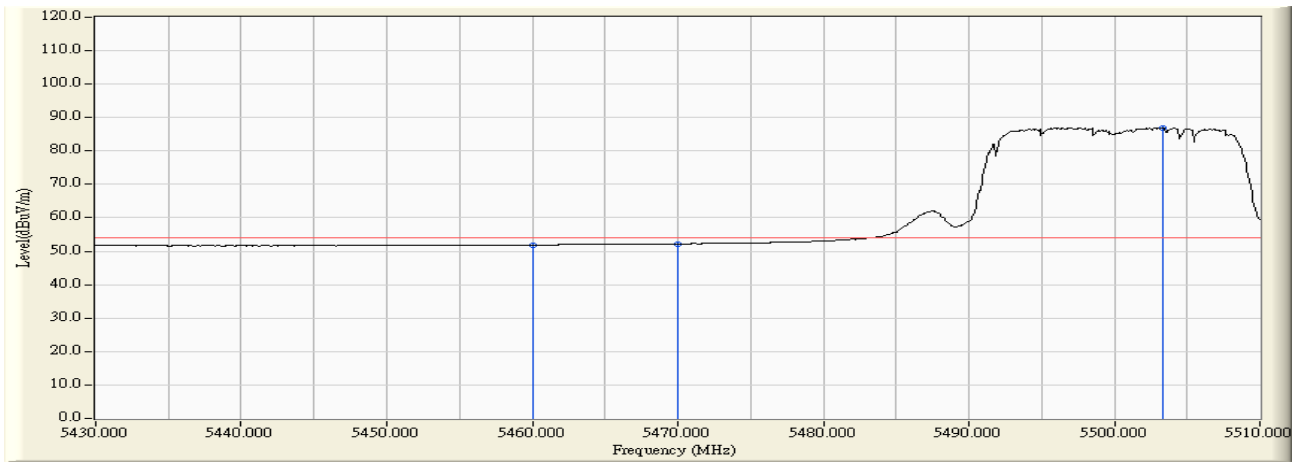
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5323.760	1.371	92.674	94.044	N/A	N/A	AVERAGE
2		5350.000	1.298	50.513	51.811	-2.159	53.970	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/10/16 - 03:37
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : 802.11a/b/g/n WLAN Module	Note : Mode 1: Transmit at channel 5500MHz By 802.11a(Chain 0)



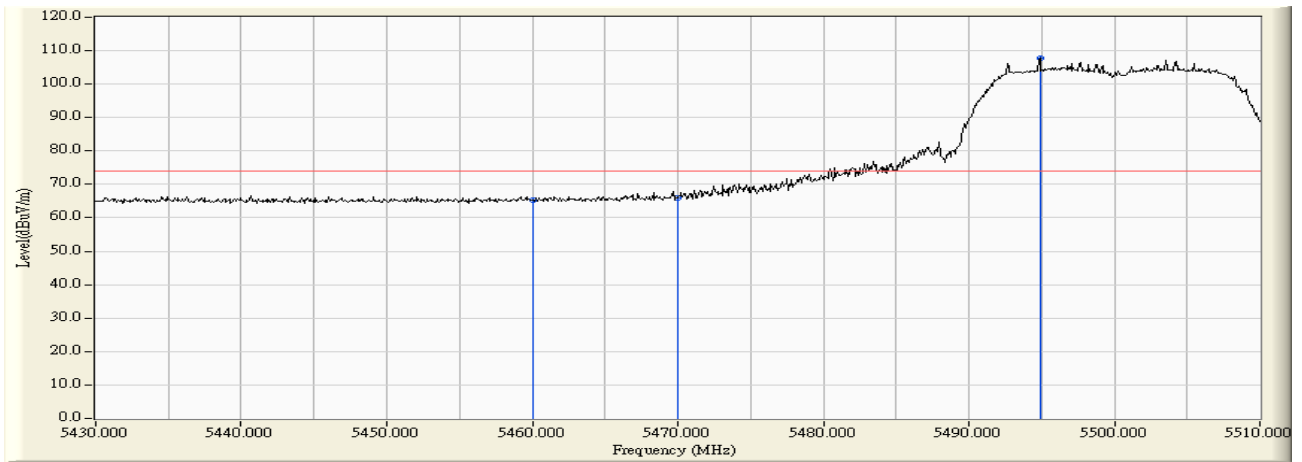
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5460.000	2.054	62.638	64.692	-9.278	73.970	PEAK
2		5470.000	2.086	63.406	65.492	-22.808	88.300	PEAK
3	*	5496.880	2.172	97.785	99.958	N/A	N/A	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/10/16 - 03:37
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : 802.11a/b/g/n WLAN Module	Note : Mode 1: Transmit at channel 5500MHz By 802.11a(Chain 0)



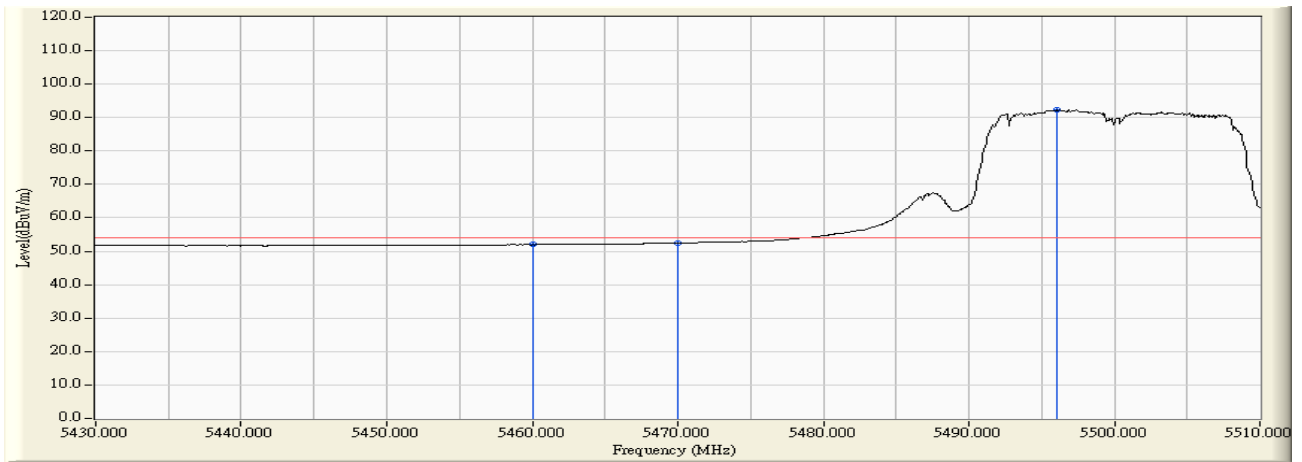
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5460.000	2.054	49.822	51.876	-2.094	53.970	AVERAGE
2		5470.000	2.086	50.145	52.231	-16.069	68.300	AVERAGE
3	*	5503.360	2.187	84.816	87.003	N/A	N/A	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/10/16 - 03:54
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : 802.11a/b/g/n WLAN Module	Note : Mode 1: Transmit at channel 5500MHz By 802.11a(Chain 0)



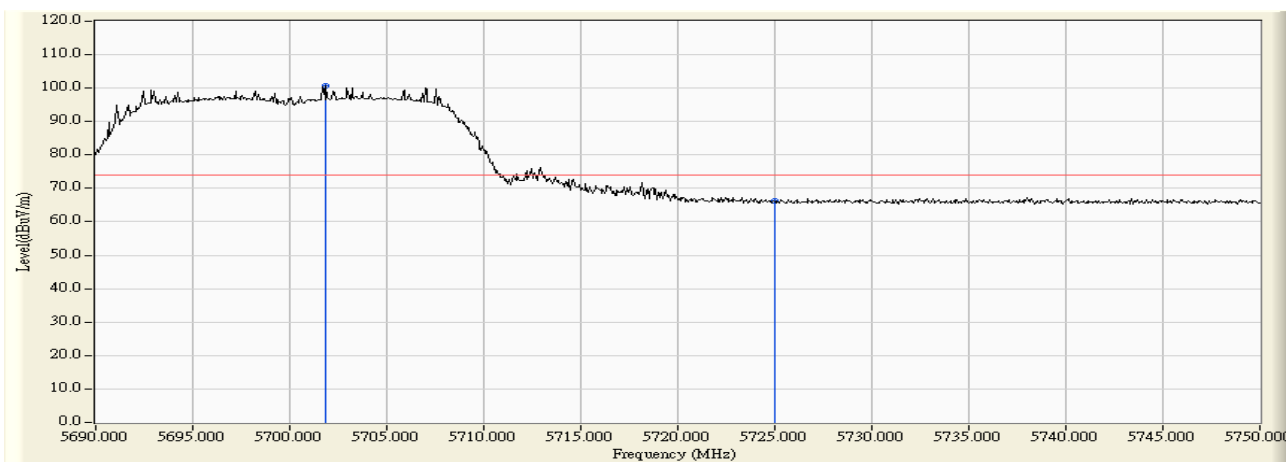
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5460.000	2.054	63.207	65.261	-8.709	73.970	PEAK
2		5470.000	2.086	63.710	65.796	-22.504	88.300	PEAK
3	*	5494.880	2.168	105.463	107.632	N/A	N/A	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/10/16 - 03:55
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : 802.11a/b/g/n WLAN Module	Note : Mode 1: Transmit at channel 5500MHz By 802.11a(Chain 0)



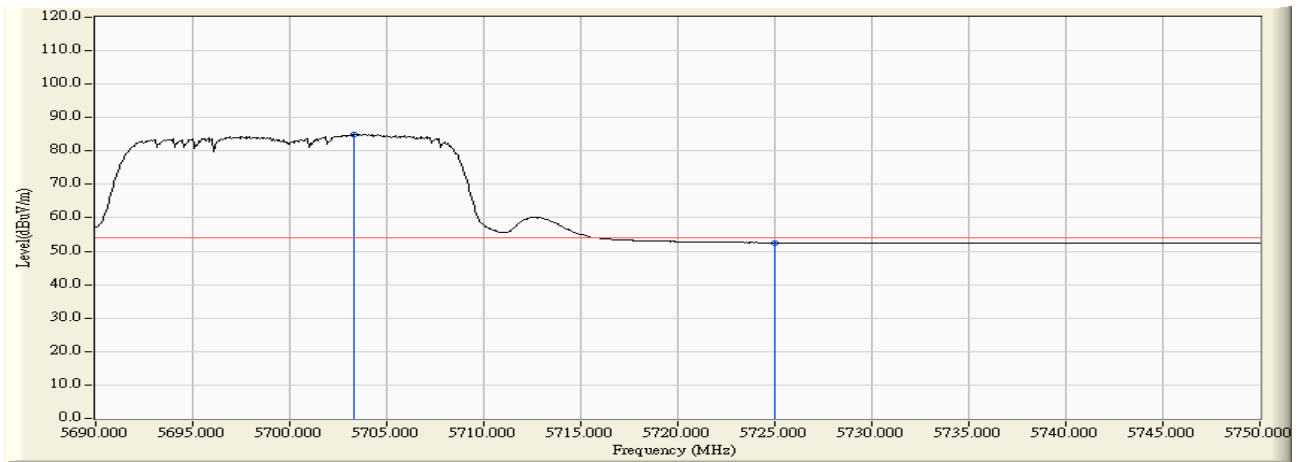
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5460.000	2.054	49.912	51.966	-2.004	53.970	AVERAGE
2		5470.000	2.086	50.376	52.462	-15.838	68.300	AVERAGE
3	*	5496.080	2.172	90.187	92.358	N/A	N/A	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/10/16 - 04:06
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : 802.11a/b/g/n WLAN Module	Note : Mode 1: Transmit at channel 5700MHz By 802.11a(Chain 0)



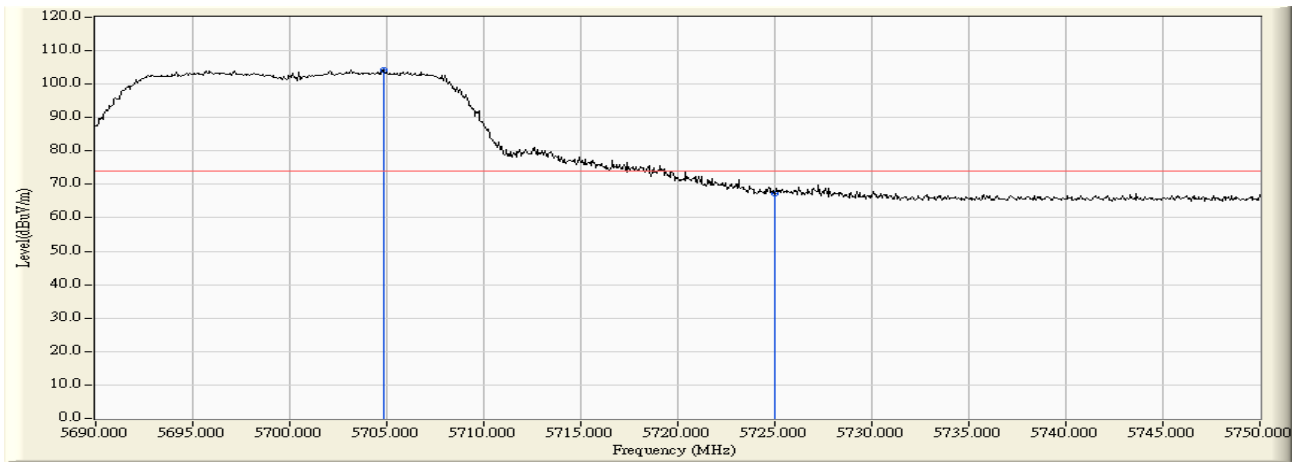
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5701.880	2.625	98.115	100.740	N/A	N/A	PEAK
2		5725.000	2.763	63.351	66.114	-7.856	73.970	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/10/16 - 04:06
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : 802.11a/b/g/n WLAN Module	Note : Mode 1: Transmit at channel 5700MHz By 802.11a(Chain 0)



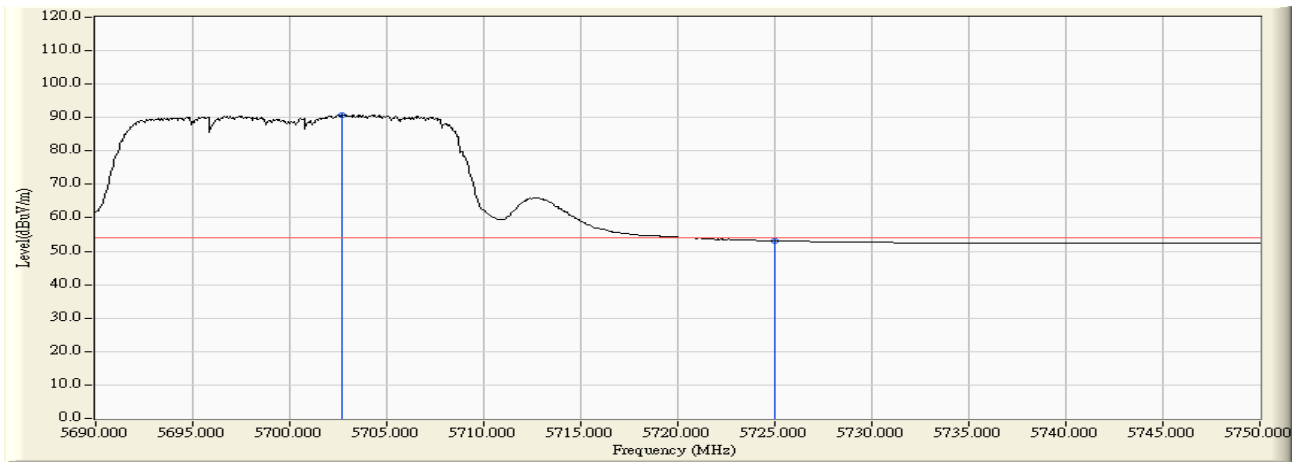
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5703.320	2.628	82.410	85.039	N/A	N/A	AVERAGE
2		5725.000	2.763	49.793	52.556	-1.414	53.970	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/10/16 - 04:09
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : 802.11a/b/g/n WLAN Module	Note : Mode 1: Transmit at channel 5700MHz By 802.11a(Chain 0)



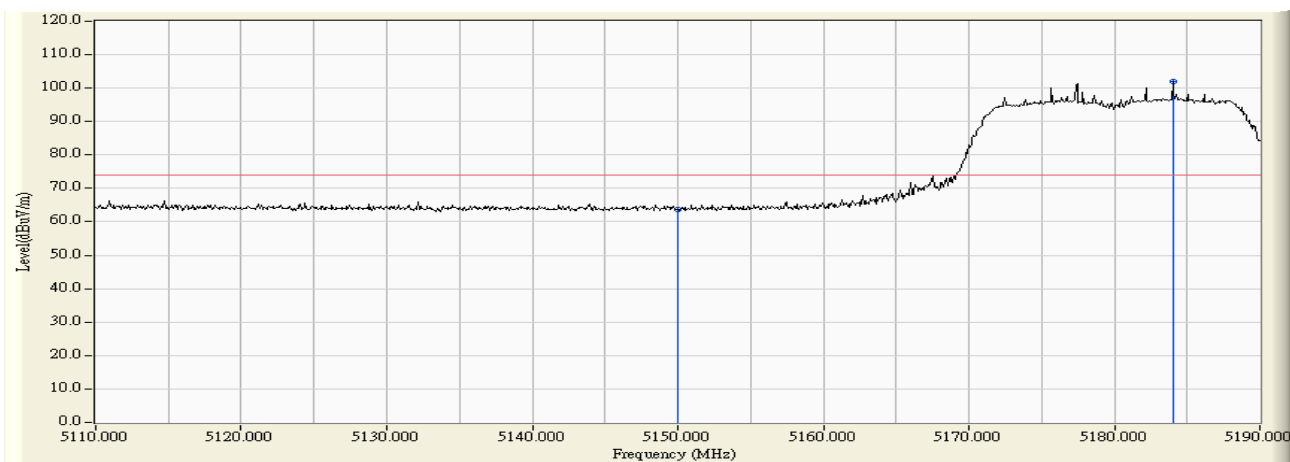
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5704.820	2.632	101.563	104.195	N/A	N/A	PEAK
2		5725.000	2.763	64.475	67.238	-6.732	73.970	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/10/16 - 04:09
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : 802.11a/b/g/n WLAN Module	Note : Mode 1: Transmit at channel 5700MHz By 802.11a(Chain 0)



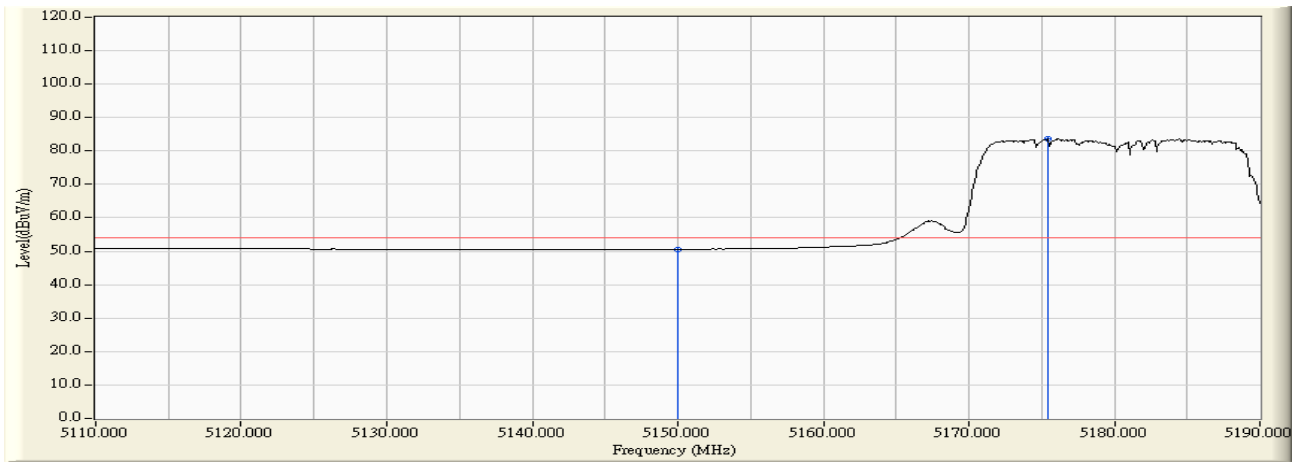
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5702.660	2.628	88.168	90.795	N/A	N/A	AVERAGE
2		5725.000	2.763	50.408	53.171	-0.799	53.970	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/10/16 - 04:17
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : 802.11a/b/g/n WLAN Module	Note : Mode 2: Transmit at channel 5180MHz By 802.11n(20MHz)(Chain 0)



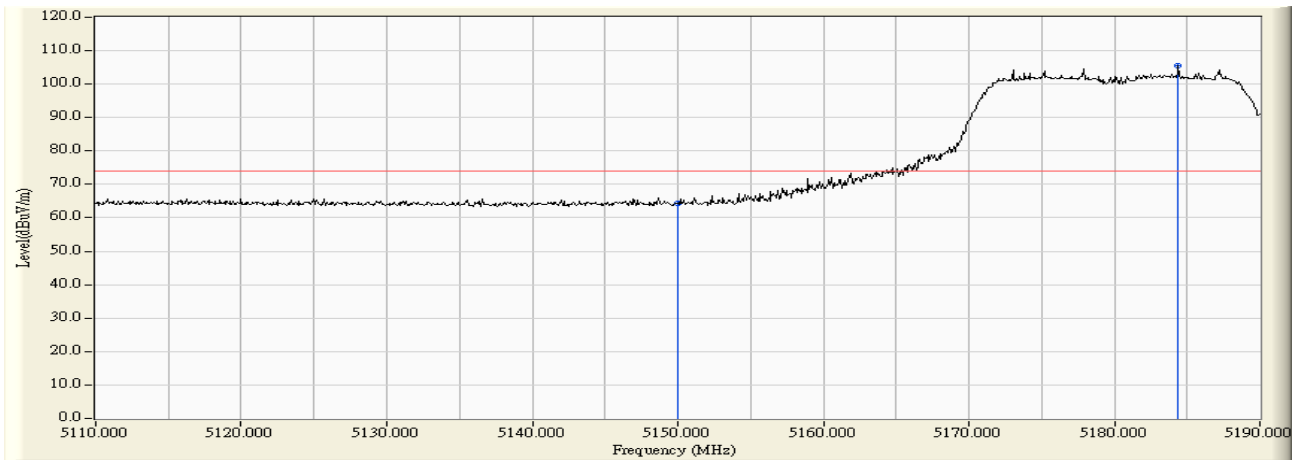
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5150.000	1.093	62.731	63.824	-10.146	73.970	PEAK
2	*	5184.000	1.141	100.805	101.946	N/A	N/A	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/10/16 - 04:18
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : 802.11a/b/g/n WLAN Module	Note : Mode 2: Transmit at channel 5180MHz By 802.11n(20MHz)(Chain 0)



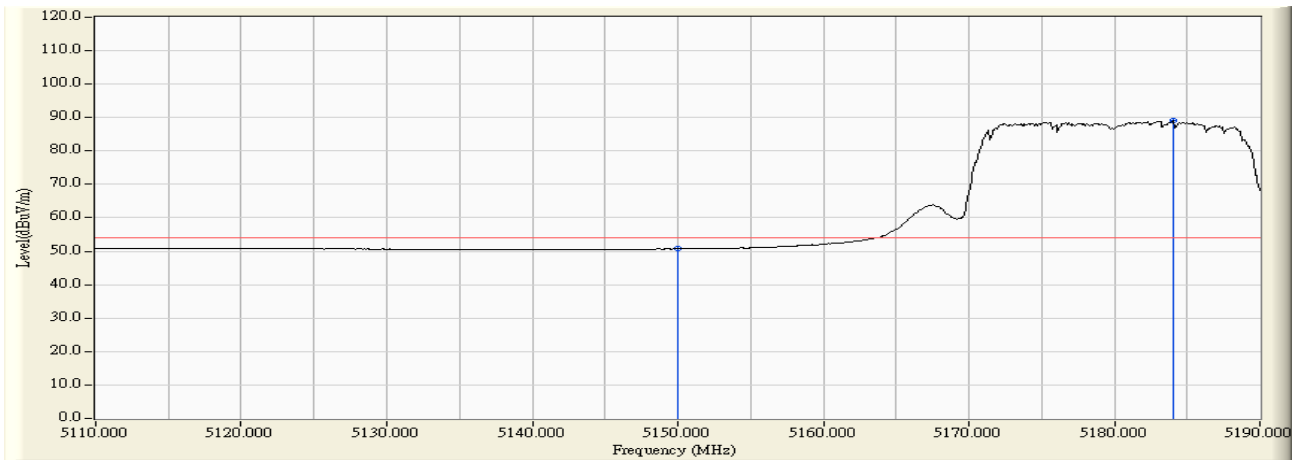
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5150.000	1.093	49.522	50.615	-3.355	53.970	AVERAGE
2	*	5175.440	1.130	82.421	83.551	N/A	N/A	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/10/16 - 04:22
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : 802.11a/b/g/n WLAN Module	Note : Mode 2: Transmit at channel 5180MHz By 802.11n(20MHz)(Chain 0)



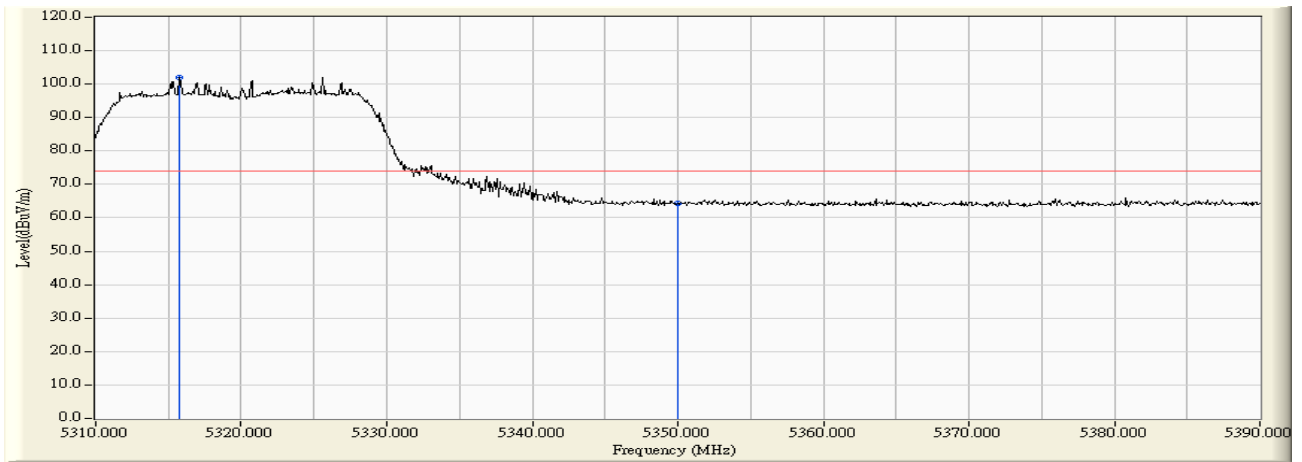
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5150.000	1.093	63.357	64.450	-9.520	73.970	PEAK
2	*	5184.400	1.142	104.314	105.456	N/A	N/A	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/10/16 - 04:23
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - VERTICAL	Power : AC 120V/60Hz
EUT : 802.11a/b/g/n WLAN Module	Note : Mode 2: Transmit at channel 5180MHz By 802.11n(20MHz)(Chain 0)



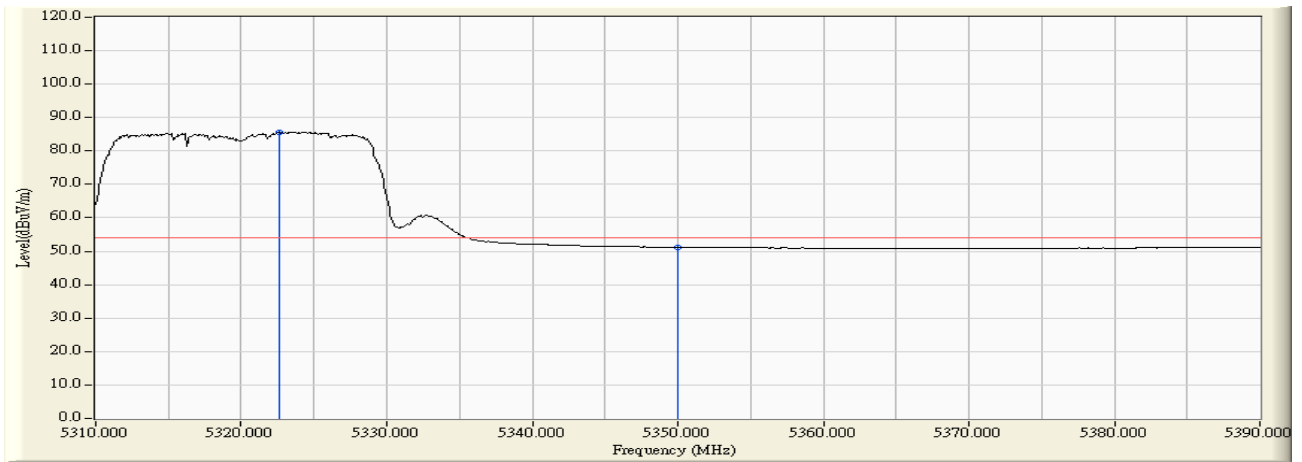
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		5150.000	1.093	49.601	50.694	-3.276	53.970	AVERAGE
2	*	5184.080	1.141	87.847	88.988	N/A	N/A	AVERAGE

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/10/16 - 04:27
Limit : FCC_SpartC_15.209_03M_PK	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : 802.11a/b/g/n WLAN Module	Note : Mode 2: Transmit at channel 5320MHz By 802.11n(20MHz)(Chain 0)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5315.760	1.398	100.669	102.067	N/A	N/A	PEAK
2		5350.000	1.298	63.063	64.361	-9.609	73.970	PEAK

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	Time : 2009/10/16 - 04:27
Limit : FCC_SpartC_15.209_03M_AV	Margin : 0
Probe : 9120D_499(1-18GHz) - HORIZONTAL	Power : AC 120V/60Hz
EUT : 802.11a/b/g/n WLAN Module	Note : Mode 2: Transmit at channel 5320MHz By 802.11n(20MHz)(Chain 0)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	5322.640	1.375	84.341	85.715	N/A	N/A	AVERAGE
2		5350.000	1.298	49.894	51.192	-2.778	53.970	AVERAGE