

4.4 POWER SPECTRAL DENSITY

4.4.1 Test Limit

According to §15.407 (a)(1), 15.407(a)(2) and 15.407(a)(3)

UNII-1 :

FCC: The maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band.

IC: The e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band.

If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

UNII-2a and 2c:

The maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band.

If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

UNII-3:

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.i.

UNII-1 Limit	<input checked="" type="checkbox"/> Antenna not exceed 6 dBi : 11 dBm (EIRP : 10 dBm) <input type="checkbox"/> Antenna with DG greater than 6 dBi : [Limit = 17 – (DG – 6)]
UNII-2a/2c Limit	<input checked="" type="checkbox"/> Antenna not exceed 6 dBi : 11 dBm <input type="checkbox"/> Antenna with DG greater than 6 dBi : [Limit = 17 – (DG – 6)]
UNII-3 Limit	<input checked="" type="checkbox"/> Antenna not exceed 6 dBi : 30 dBm <input type="checkbox"/> Antenna with DG greater than 6 dBi : [Limit = 30 – (DG – 6)]

4.4.2 Test Procedure

Test method Refer as KDB 789033 D02 v01r03, Section F

1. The EUT RF output connected to the spectrum analyzer by RF cable.
2. Setting maximum power transmit of EUT
3. UNII-1, UNII-2a and UNII-2c, SA set RBW = 1MHz, VBW = 3MHz and Detector = RMS, to measurement Power Density.
4. UNII-3, SA set RBW = 500kHz, VBW = 2MHz and Detector = RMS, to measurement Power Density
5. The path loss and Duty Factor were compensated to the results for each measurement by SA.
6. Mark the maximum level.
7. Measure and record the result of power spectral density. in the test report.

4.4.3 Test Setup



4.4.4 Test Result

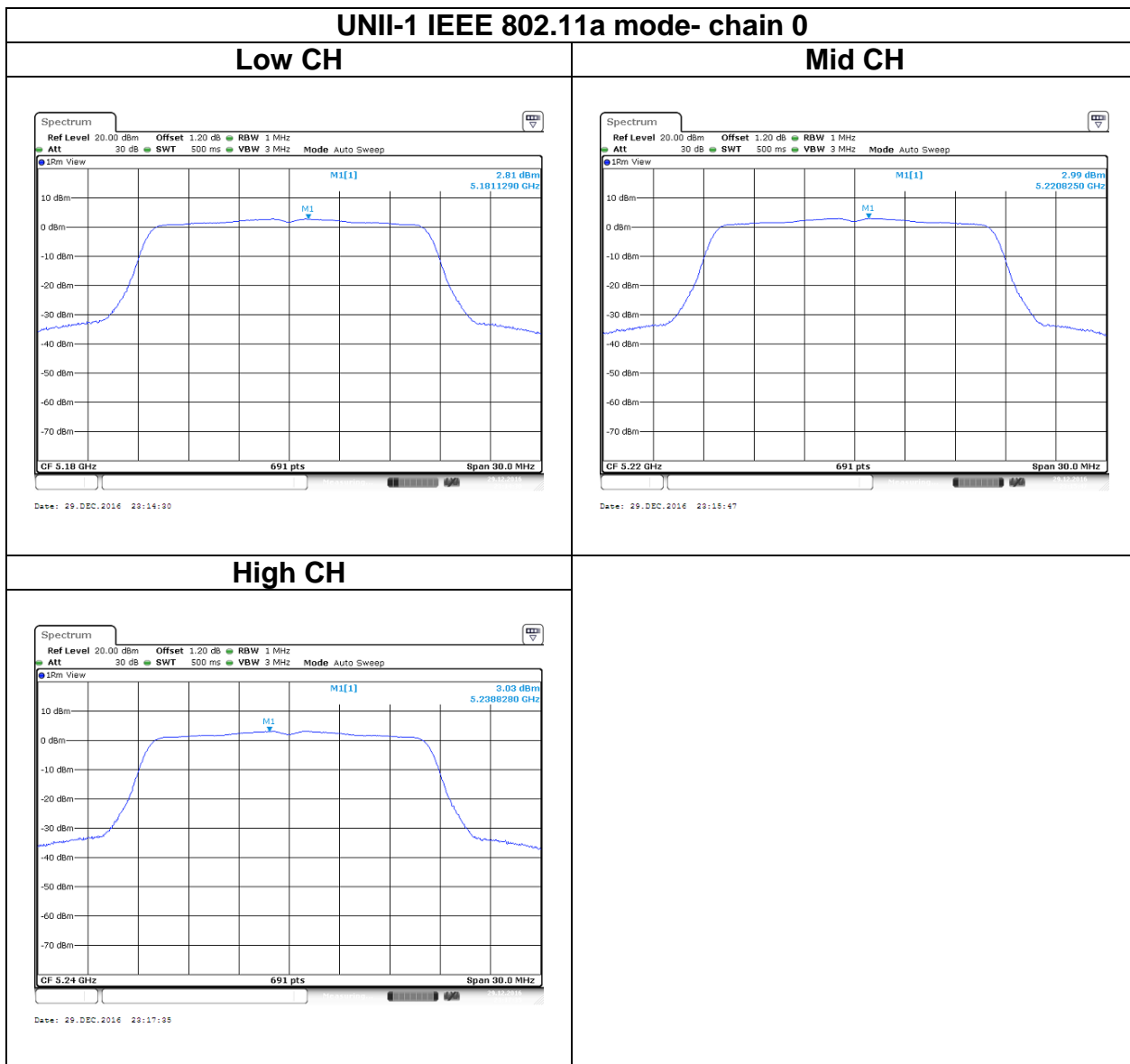
UNII-1 5150-5250 MHz						
Test mode: IEEE 802.11a mode						
Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	Total PPSD (dBm)	Limit (dBm)	EIRP Limit (dBm)
Low	5180	2.81	-	2.81	11	10
Mid	5220	2.99	-	2.99		
High	5240	3.03	-	3.03		
Test mode: IEEE 802.11n HT20 mode						
Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	Total PPSD (dBm)	Limit (dBm)	EIRP Limit (dBm)
Low	5180	1.16	1.02	4.10	11	10
Mid	5220	1.34	-1.76	3.07		
High	5240	1.23	-1.77	2.99		
Test mode: IEEE 802.11n HT40 mode						
Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	Total PPSD (dBm)	Limit (dBm)	EIRP Limit (dBm)
Low	5190	-2.68	-2.01	0.68	11	10
High	5230	-2.64	-2.54	0.42		

UNII-2a 5250-5350 MHz					
Test mode: IEEE 802.11a mode					
Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	Total PPSD (dBm)	Limit (dBm)
Low	5260	4.38	-	4.38	11
Mid	5280	4.10	-	4.10	
High	5320	4.31	-	4.31	
Test mode: IEEE 802.11n HT20 mode					
Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	Total PPSD (dBm)	Limit (dBm)
Low	5260	1.79	2.16	4.99	11
Mid	5280	2.08	2.48	5.29	
High	5320	2.28	2.25	5.28	
Test mode: IEEE 802.11n HT40 mode					
Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	Total PPSD (dBm)	Limit (dBm)
Low	5270	-0.52	-0.53	2.49	11
High	5310	-0.70	-0.86	2.23	

UNII-2c 5470-5725 MHz					
Test mode: IEEE 802.11a mode					
Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	Total PPSD (dBm)	Limit (dBm)
Low	5500	3.51	-	3.51	11
Mid	5580	4.51	-	4.51	
High	5700	3.97	-	3.97	
Cross	5720	3.76	-	3.76	
Test mode: IEEE 802.11n HT20 mode					
Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	Total PPSD (dBm)	Limit (dBm)
Low	5500	2.16	1.80	4.99	11
Mid	5580	2.71	2.18	5.46	
High	5700	2.22	2.02	5.13	
Cross	5720	1.82	2.43	5.15	
Test mode: IEEE 802.11n HT40 mode					
Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	Total PPSD (dBm)	Limit (dBm)
Low	5510	-1.01	-0.77	2.12	11
High	5670	-0.64	-0.95	2.22	
Cross	5710	-1.72	-0.93	1.70	

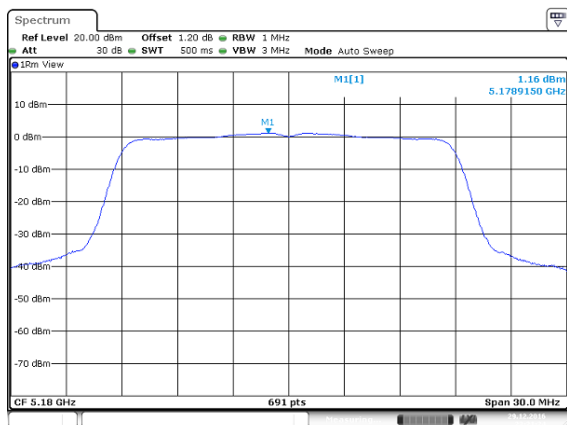
UNII-3 5725-5825 MHz					
Test mode: IEEE 802.11a mode					
Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	Total PPSD (dBm)	Limit (dBm)
Low	5745	1.42	-	1.42	30
Mid	5785	2.13	-	2.13	
High	5825	2.37	-	2.37	
Cross	5720	0.12	-	0.12	
Test mode: IEEE 802.11n HT20 mode					
Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	Total PPSD (dBm)	Limit (dBm)
Low	5745	-0.25	-0.38	2.70	30
Mid	5785	0.52	0.11	3.33	
High	5825	0.21	0.02	3.13	
Cross	5720	-1.41	-1.59	1.51	
Test mode: IEEE 802.11n HT40 mode					
Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	Total PPSD (dBm)	Limit (dBm)
Low	5755	-4.41	-4.31	-1.35	30
High	5795	-4.42	-4.17	-1.28	
Cross	5710	-5.12	-4.37	-1.72	

Test Data



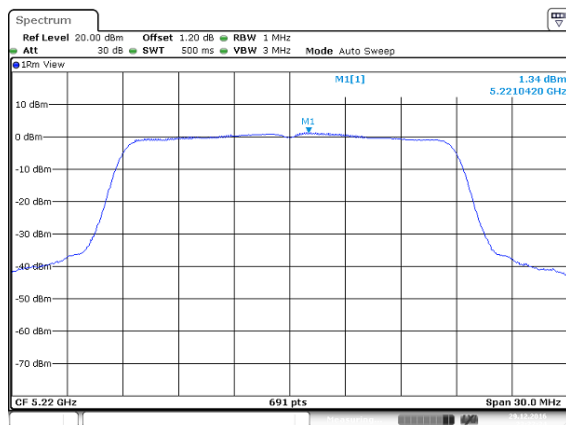
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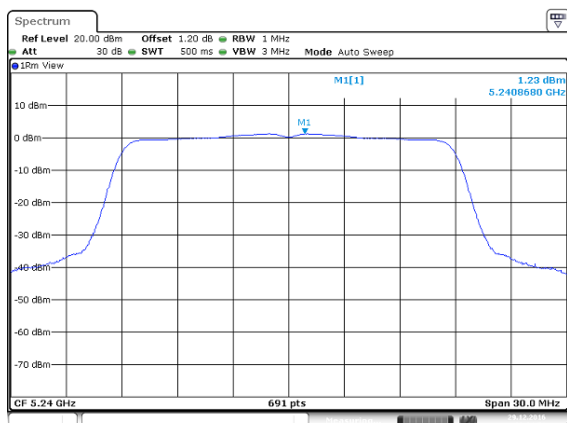
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Mid CH



Date: 29.DEC.2016 23:22:06

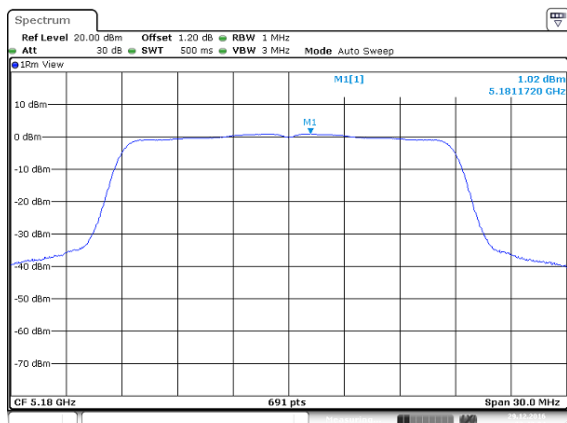
High CH



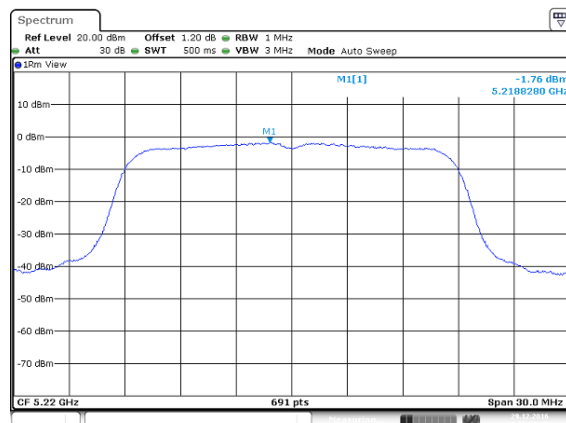
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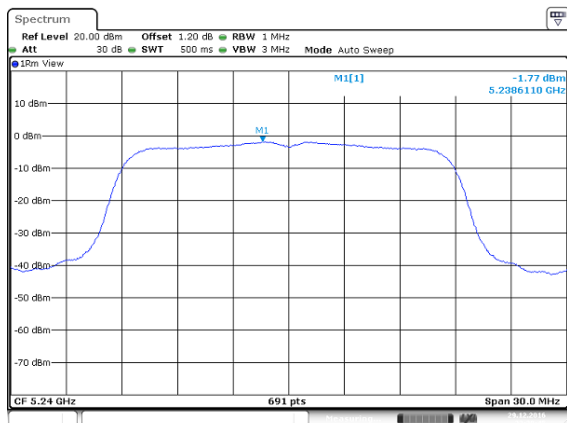
Low CH



Mid CH

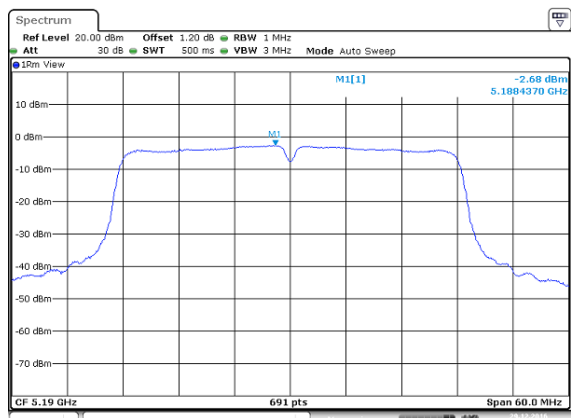


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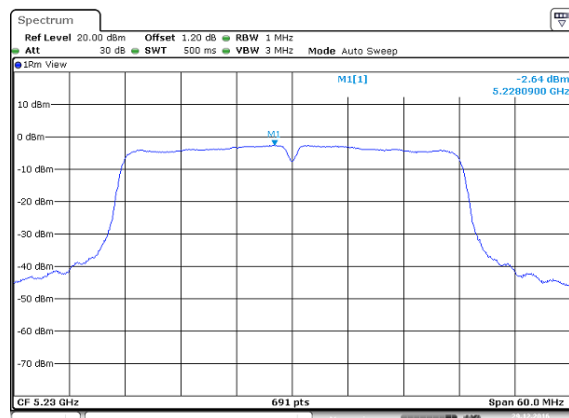


UNII-1 IEEE 802.11n HT40 mode- chain 0

Low CH

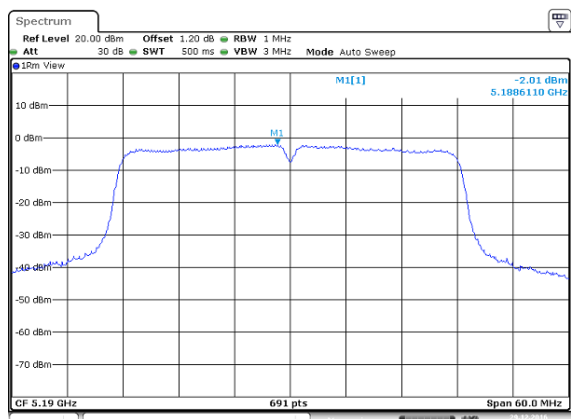


High CH

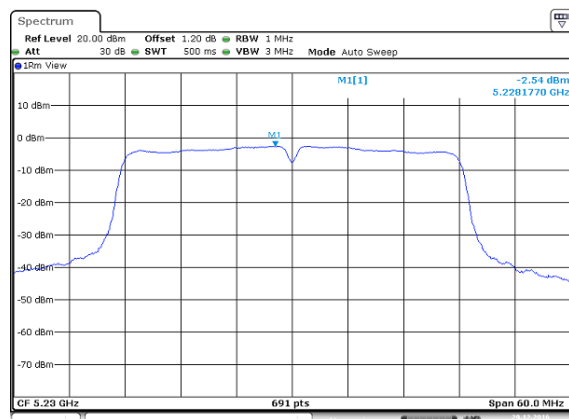


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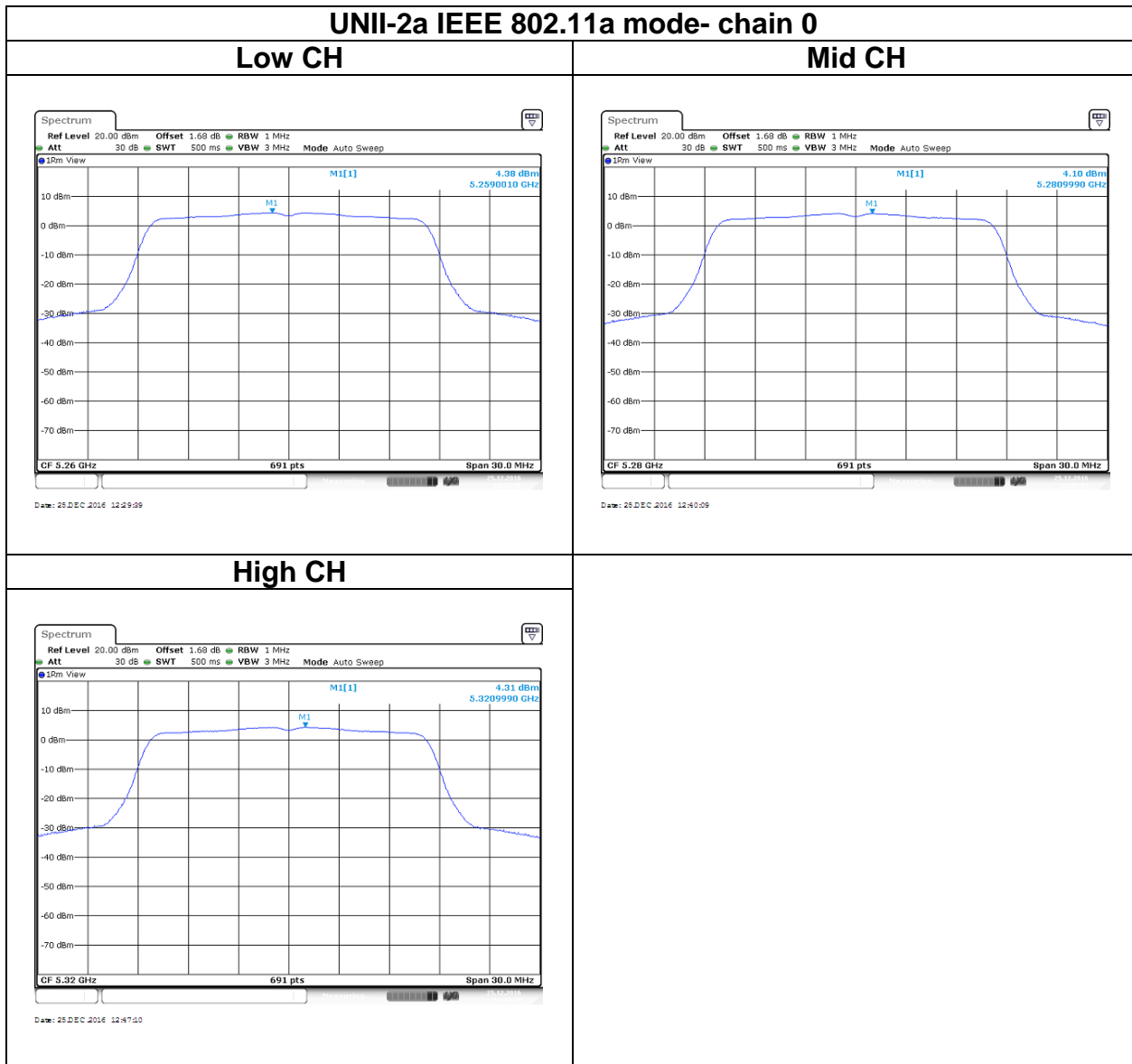
Low CH



High CH

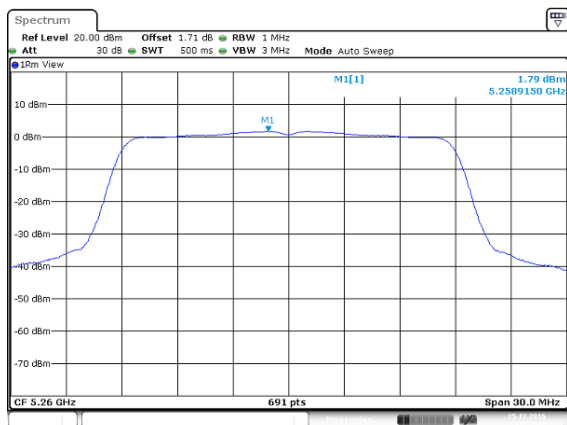


Test Data

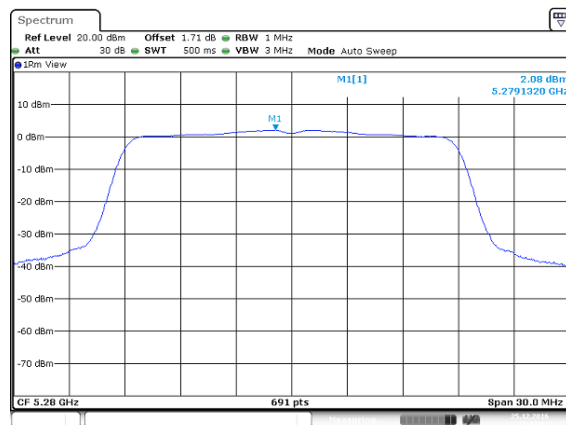


UNII-2a IEEE 802.11n HT20 mode- chain 0

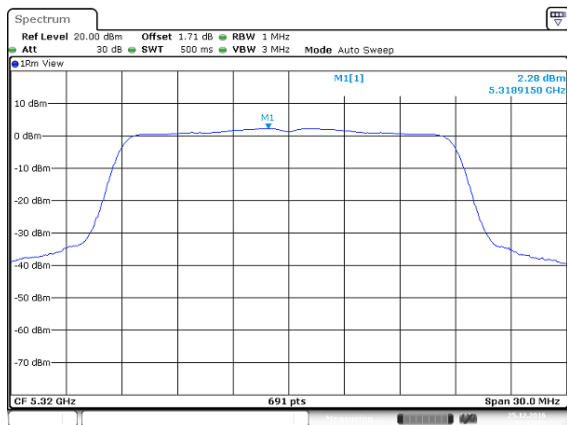
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Mid CH

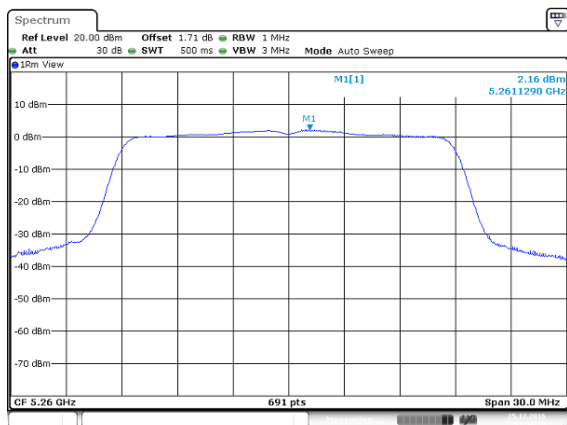


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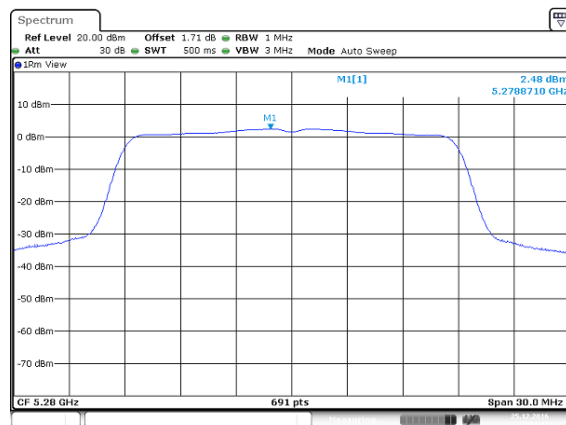


UNII-2a IEEE 802.11n HT20 mode- chain 1

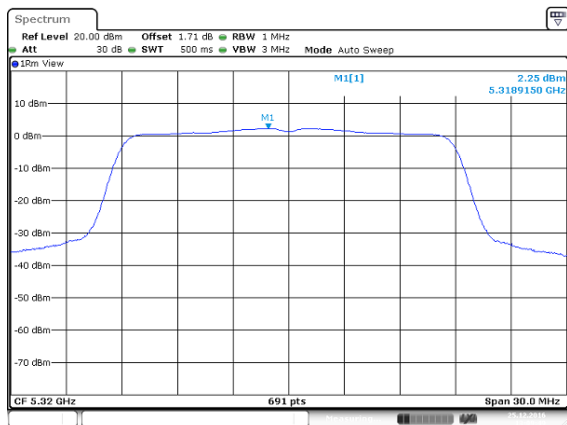
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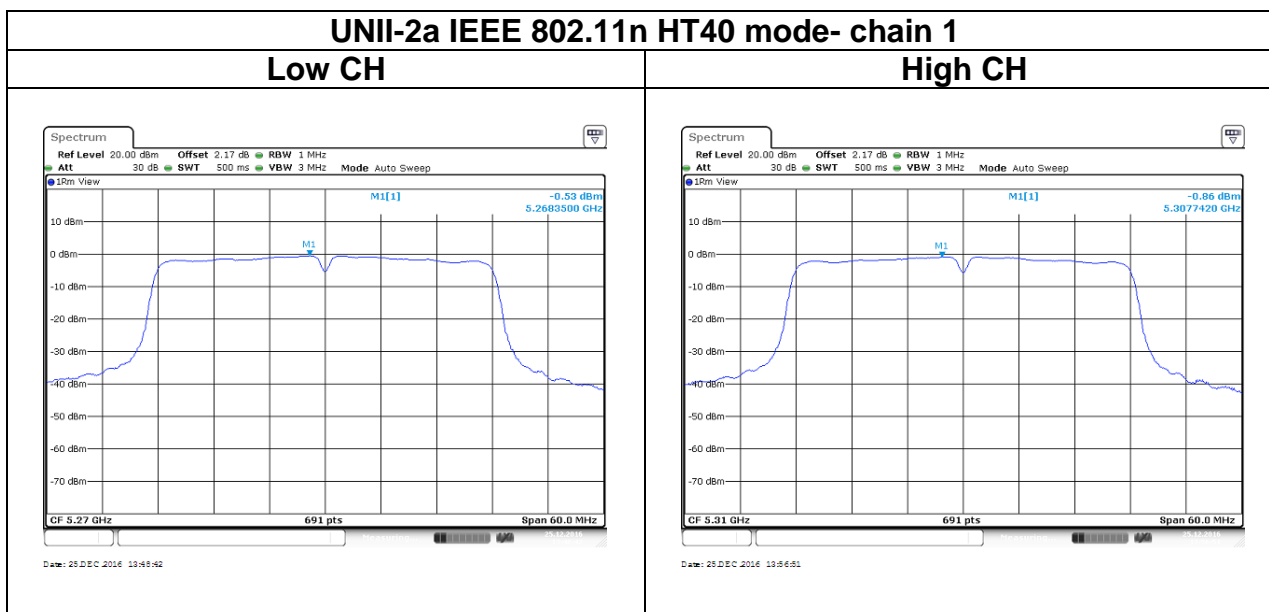
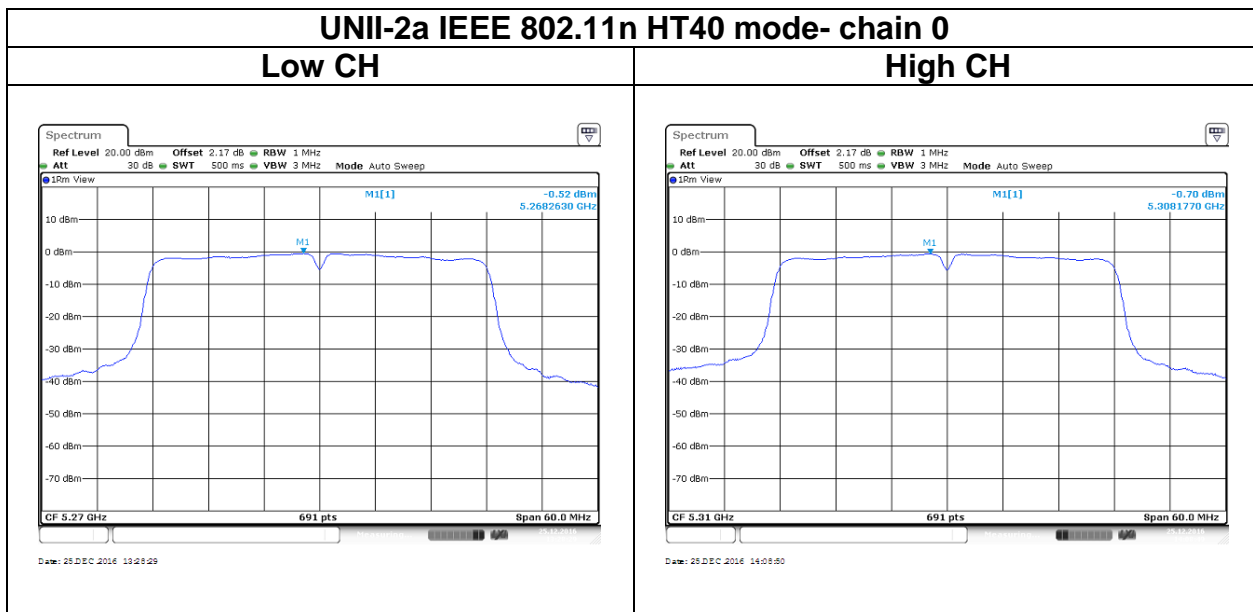


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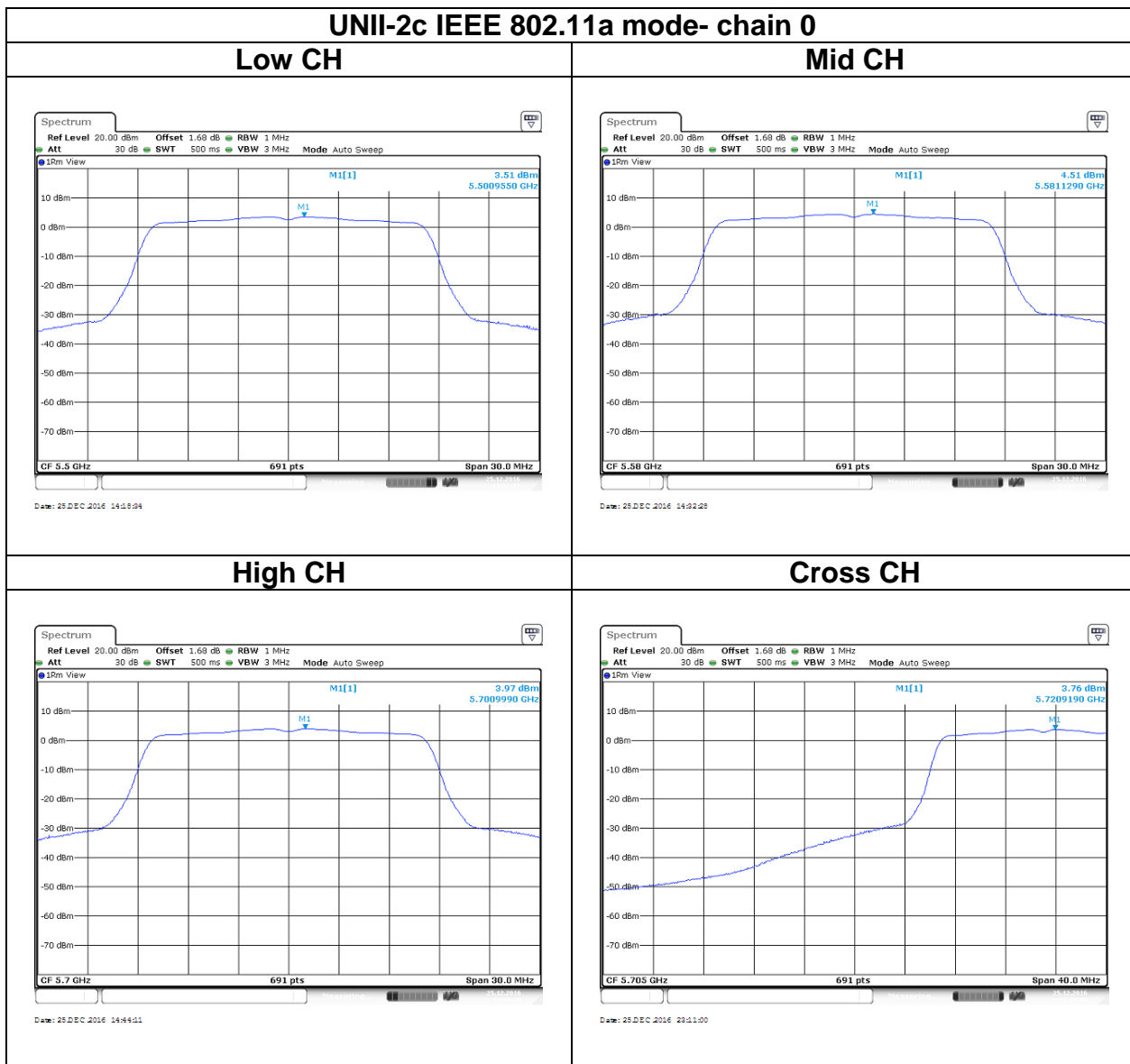


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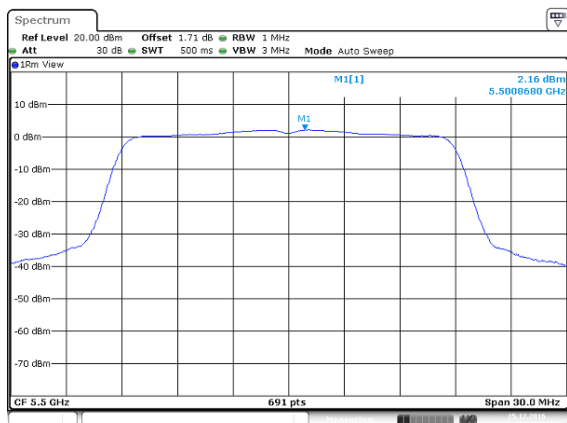


Test Data



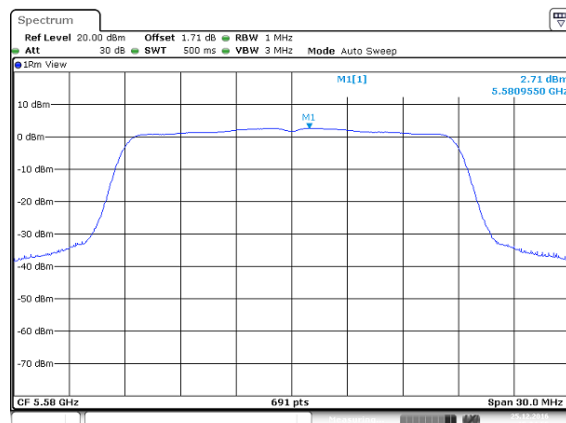
UNII-2c IEEE 802.11n HT20 mode- chain 0

Low CH



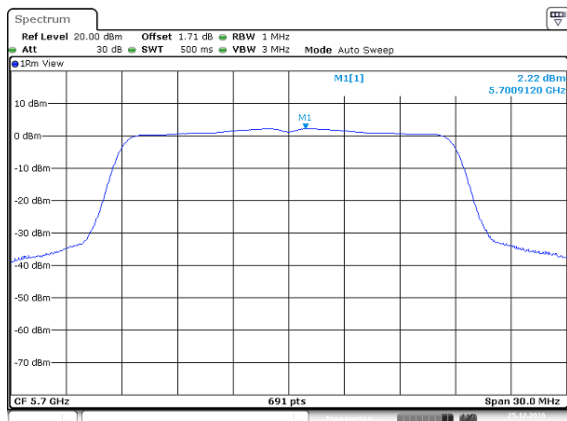
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Mid CH



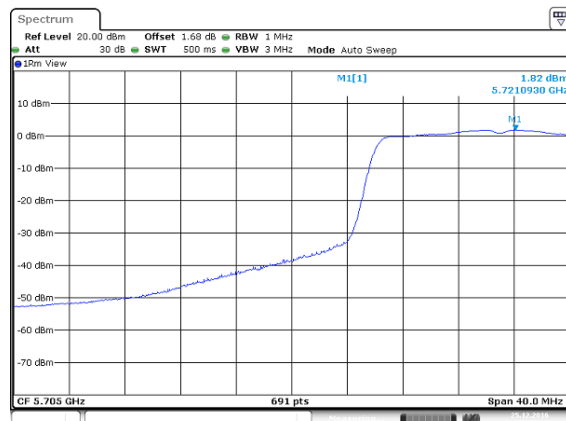
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High CH



Date: 25 DEC 2016 15:20:57

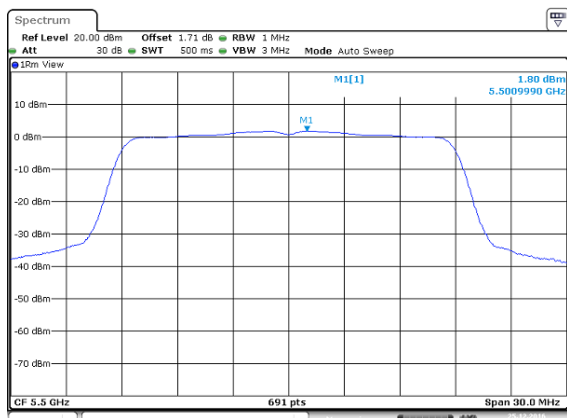
Cross CH



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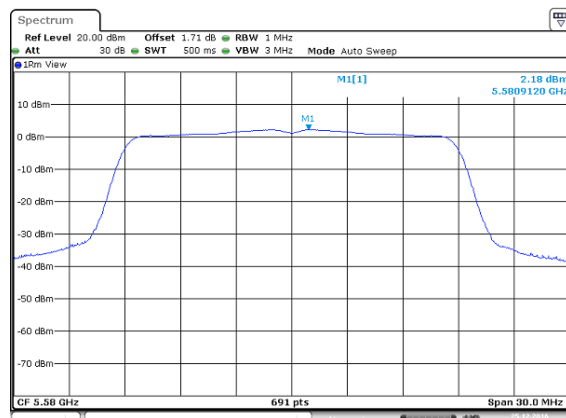
UNII-2c IEEE 802.11n HT20 mode- chain 1

Low CH



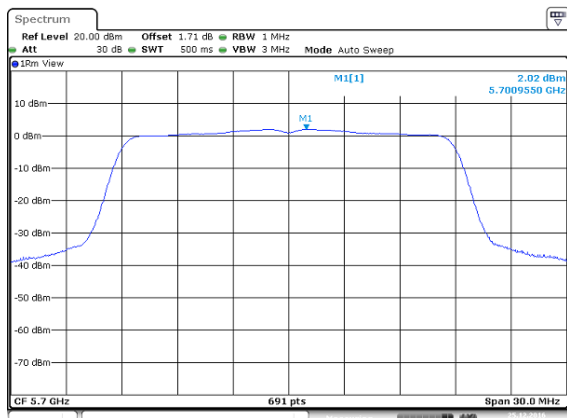
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Mid CH



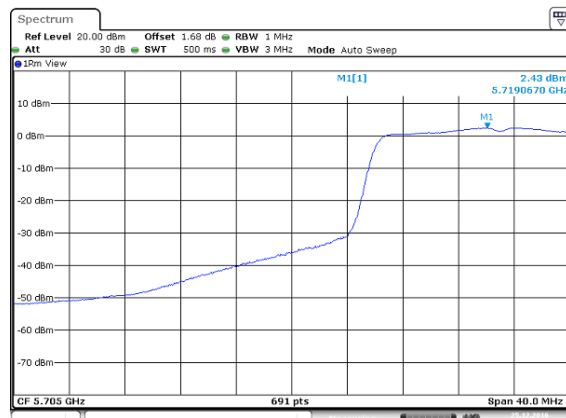
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High CH



Date: 25 DEC 2016 15:12:25

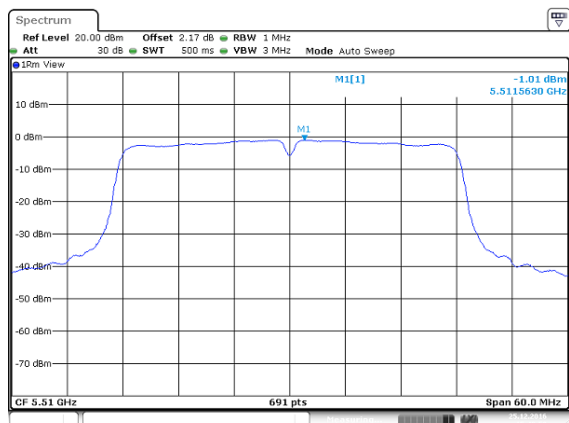
Cross CH



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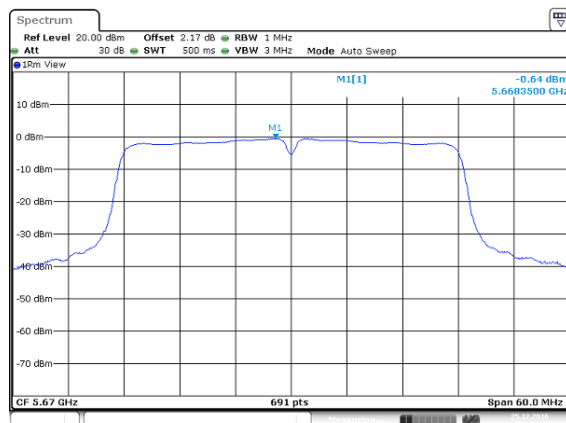
UNII-2c IEEE 802.11n HT40 mode- chain 0

Low CH



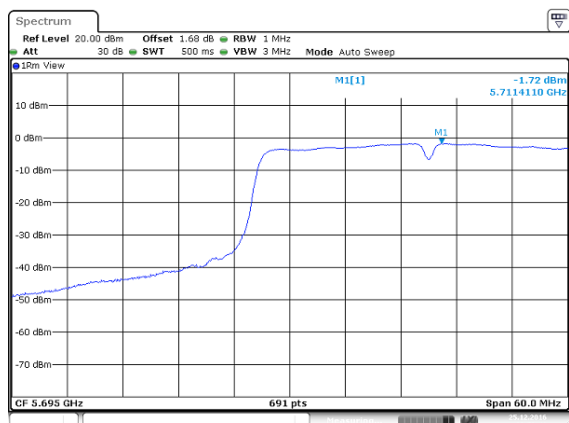
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High CH



Date: 25 DEC 2016 16:14:56

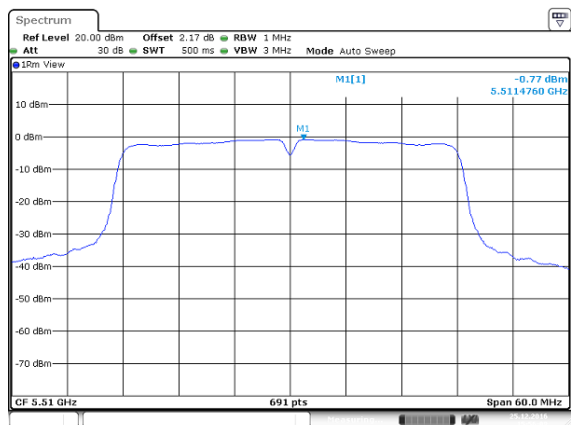
Cross CH



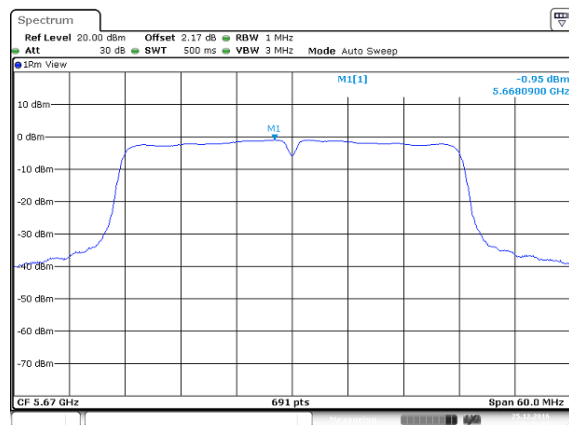
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UNII-2c IEEE 802.11n HT40 mode- chain 1

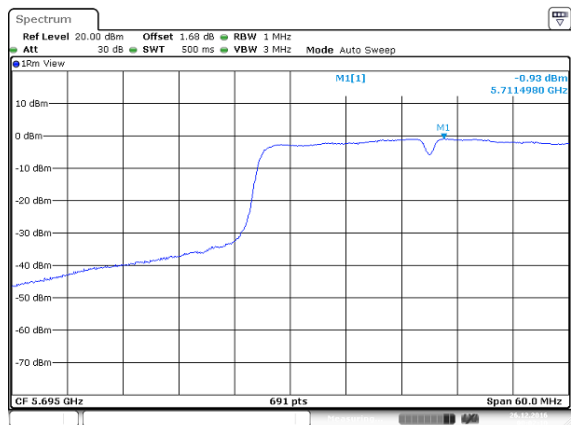
Low CH



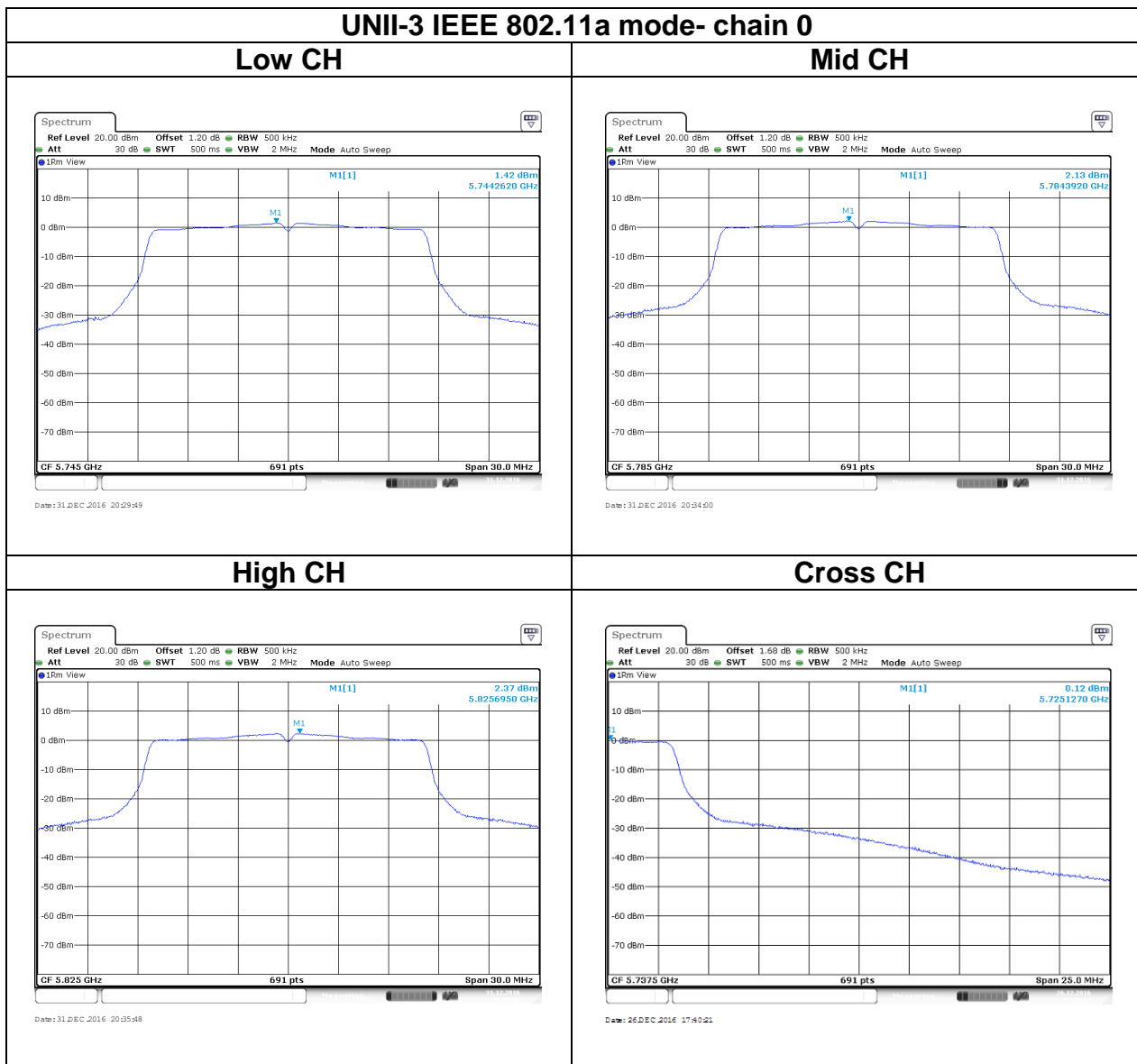
High CH



Cross CH

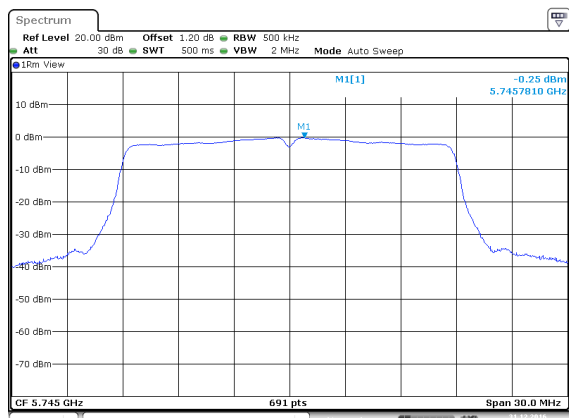


Test Data



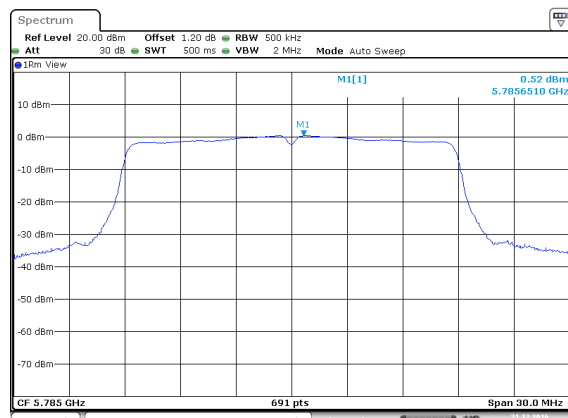
UNII-3 IEEE 802.11n HT20 mode- chain 0

Low CH



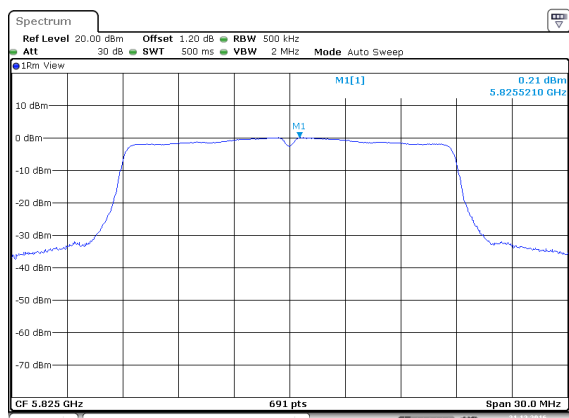
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Mid CH



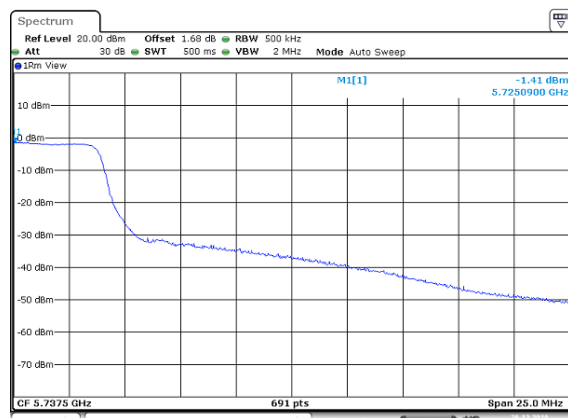
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High CH



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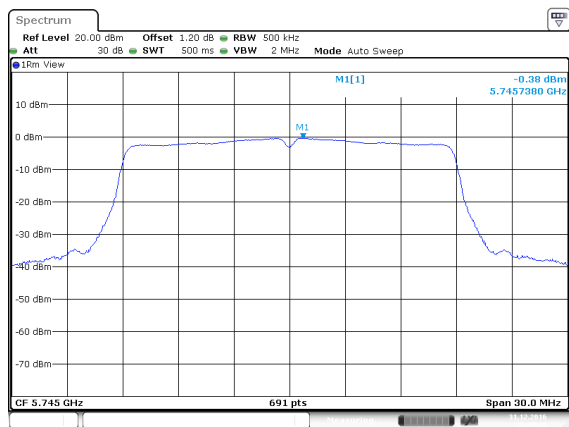
Cross CH



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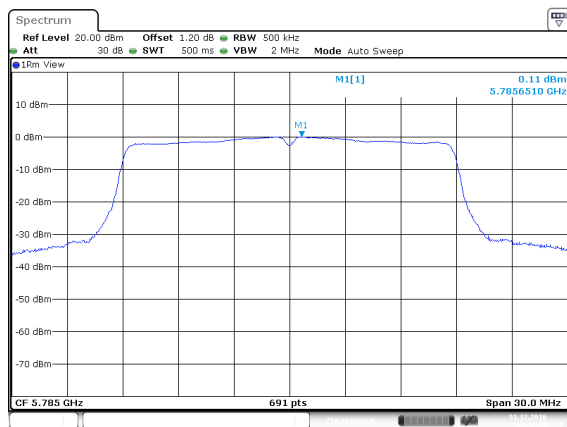
UNII-3 IEEE 802.11n HT20 mode- chain 1

Low CH



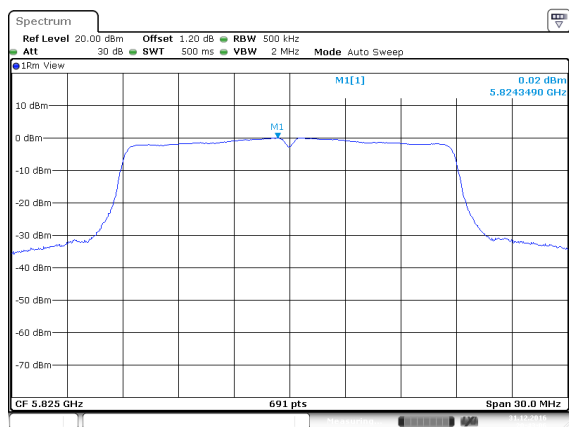
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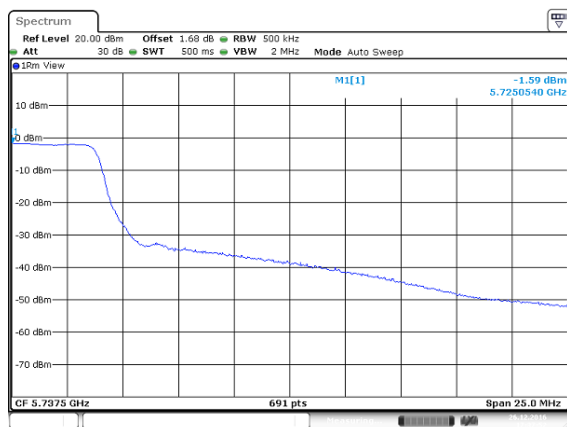
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High CH



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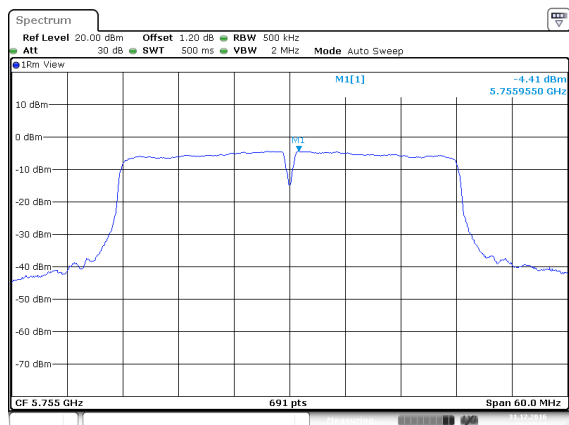
Cross CH



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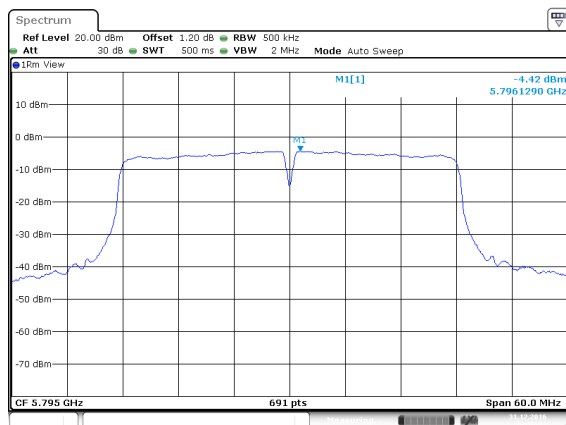
UNII-3 IEEE 802.11n HT40 mode- chain 0

Low CH



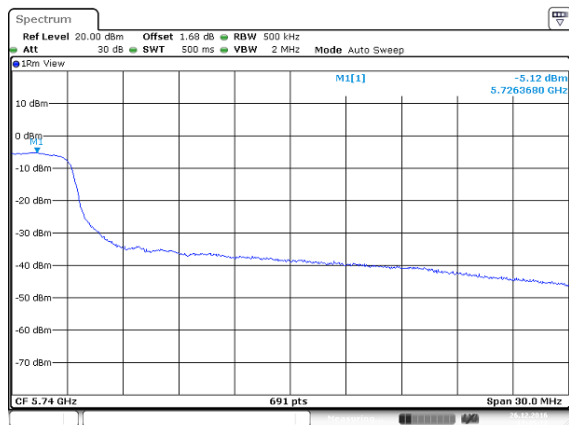
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High CH



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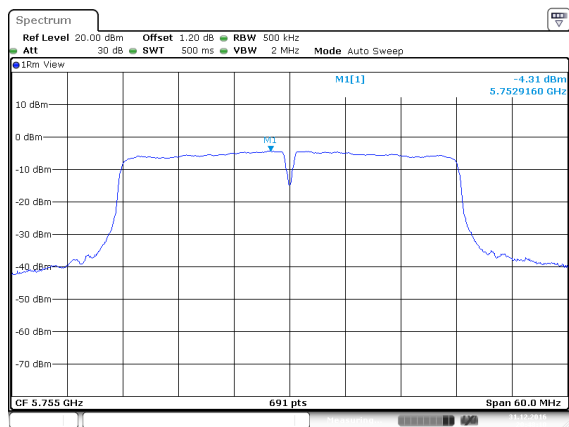
Cross CH



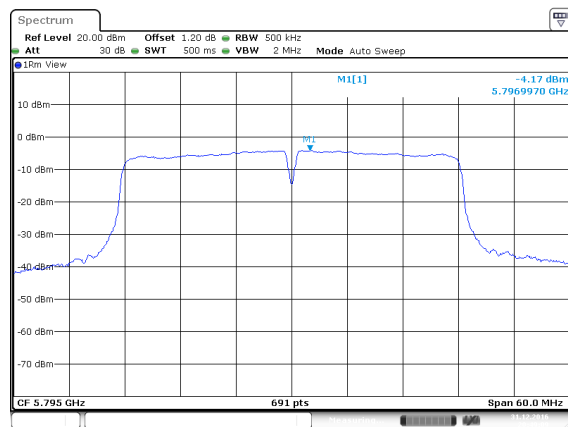
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UNII-3 IEEE 802.11n HT40 mode- chain 1

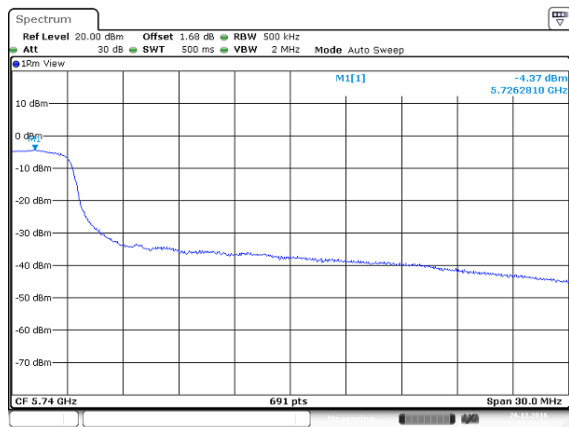
Low CH



High CH



Cross CH



4.5 RADIATION BANDEGE AND SPURIOUS EMISSION

4.5.1 Test Limit

FCC according to §15.407, §15.209 and §15.205,

Below 30 MHz

Frequency	Field Strength (microvolts/m)	Magnetic H-Field (microamperes/m)	Measurement Distance (metres)
9-490 kHz	2,400/F (F in kHz)	2,400/F (F in kHz)	300
490-1,705 kHz	24,000/F (F in kHz)	24,000/F (F in kHz)	30
1.705-30 MHz	30	N/A	30

Above 30 MHz

Frequency (MHz)	Field Strength microvolts/m at 3 metres (watts, e.i.r.p.)	
	Transmitters	Receivers
30-88	100 (3 nW)	100 (3 nW)
88-216	150 (6.8 nW)	150 (6.8 nW)
216-960	200 (12 nW)	200 (12 nW)
Above 960	500 (75 nW)	500 (75 nW)

UNII-1 :

For transmitters operating in the band 5150-5250 MHz, all emissions outside the band 5150-5350 MHz shall not exceed -27 dBm/MHz e.i.r.p. However, any unwanted emissions that fall into the band 5250-5350 MHz must be 26 dBc, when measured using a resolution bandwidth between 1 and 5% of the occupied bandwidth, above 5.25 GHz. Otherwise, the transmission is considered as intentional and the devices shall implement dynamic frequency selection (DFS) and transmitter power control (TPC) as per the requirements for the band 5250-5350 MHz

UNII-2a and 2c :

For devices with operating frequencies in the band 5250-5350 MHz but having a channel bandwidth that overlaps the band 5150-5250 MHz, the devices' unwanted emission shall not exceed -27 dBm/MHz e.i.r.p. outside the band 5150-5350 MHz and its power shall comply with the spectral power density for operation within the band 5150-5250 MHz. The device shall be labelled "for indoor use only." Emissions outside the band 5470-5725 MHz shall not exceed -27 dBm/MHz e.i.r.p.

UNII-3:

For the band 5725-5850 MHz, emissions at frequencies from the band edges to 10 MHz above or below the band edges shall not exceed -17 dBm/MHz e.i.r.p. For emissions at frequencies more than 10 MHz above or below the band edges, the emissions power shall not exceed -27 dBm/MHz

4.5.2 Test Procedure

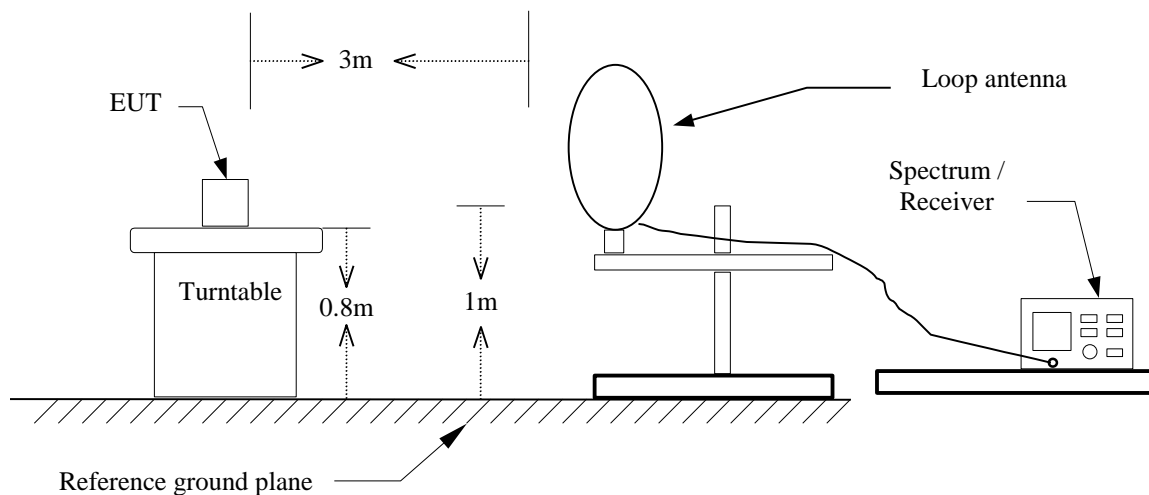
Test method Refer as KDB 789033 D02 v01r03, Section G.3, G.4, G.5, and G.6,.

1. The EUT is placed on a turntable, Above 1 GHz is 1.5m and below 1 GHz is 0.8m above ground plane. The EUT Configured un accordance with ANSI C63.10, and the EUT set in a continuous mode.
2. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level. And EUT is set 3m away from the receiving antenna, which is scanned from 1m to 4m above the ground plane to find out the highest emissions. Measurement are made polarized in both the vertical and the horizontal positions with antenna.
3. Span shall wide enough to full capture the emission measured. The SA from 30MHz to 26.5GHz set to the low, Mid and High channels with the EUT transmit.
5. The SA setting following :
 - (1) Below 1G : RBW = 100kHz, VBW \geq 3*RBW, Sweep = Auto, Detector = Peak, Trace = Max hold.
 - (2) Above 1G :
 - (2.1) For Peak measurement : RBW = 1MHz, VBW \geq 3 RBW, Sweep = Auto, Detector = Peak, Trace = Max hold.
 - (2.2) For Average measurement : RBW = 1MHz, VBW
 - If Duty Cycle \geq 98%, VBW=10Hz.
 - If Duty Cycle < 98%, VBW=1/T.

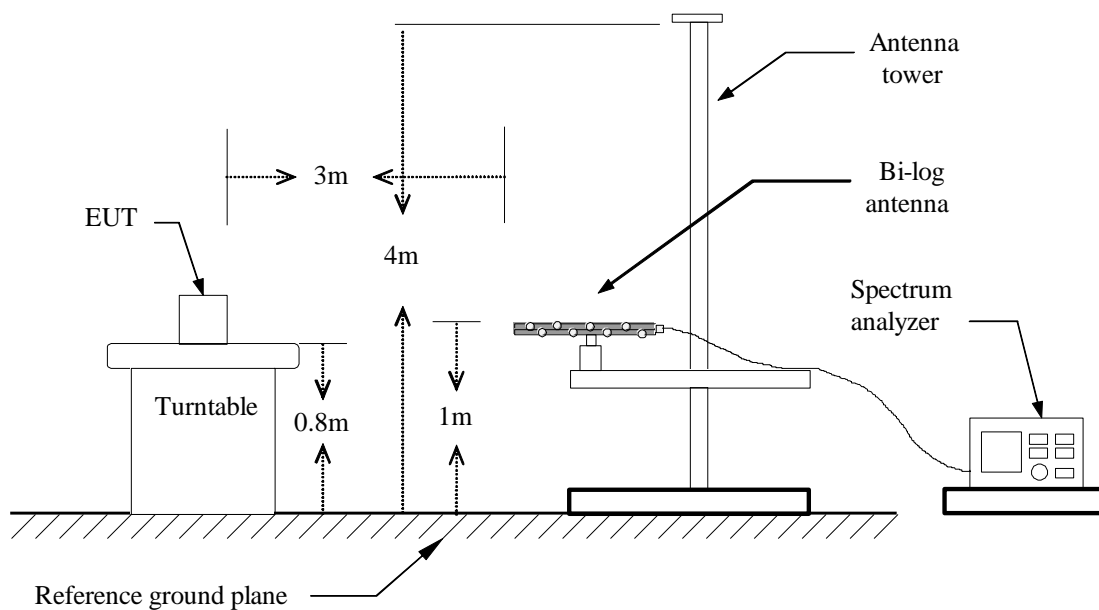
Configuration	Duty Cycle (%)	VBW
802.11a	100%	10Hz
802.11n HT20	100%	10Hz
802.11n HT40	100%	10Hz

4.5.3 Test Setup

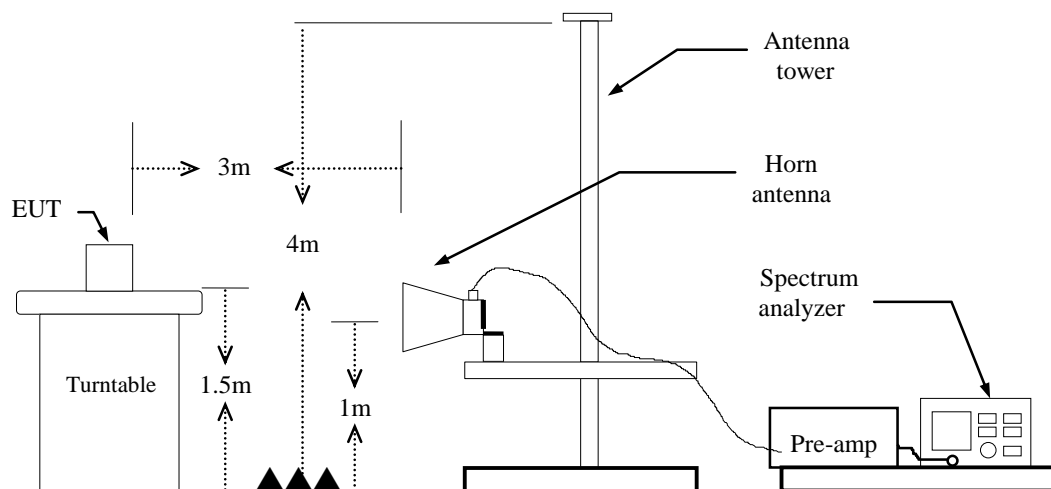
9kHz ~ 30MHz



30MHz ~ 1GHz



Above 1 GHz

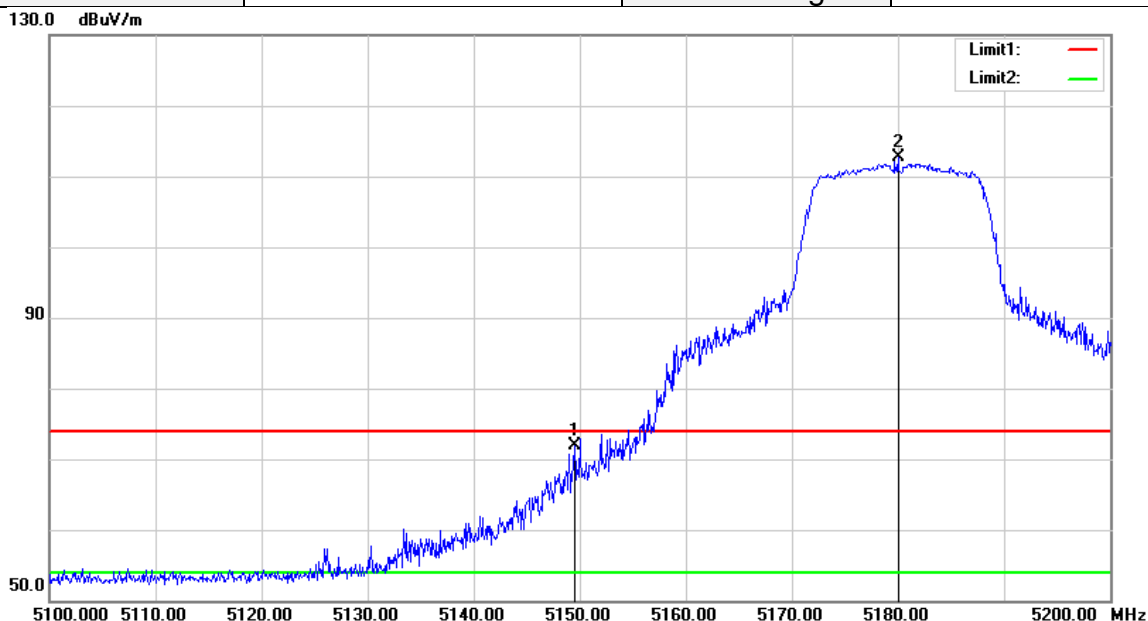


4.5.4 Test Result

Test Data

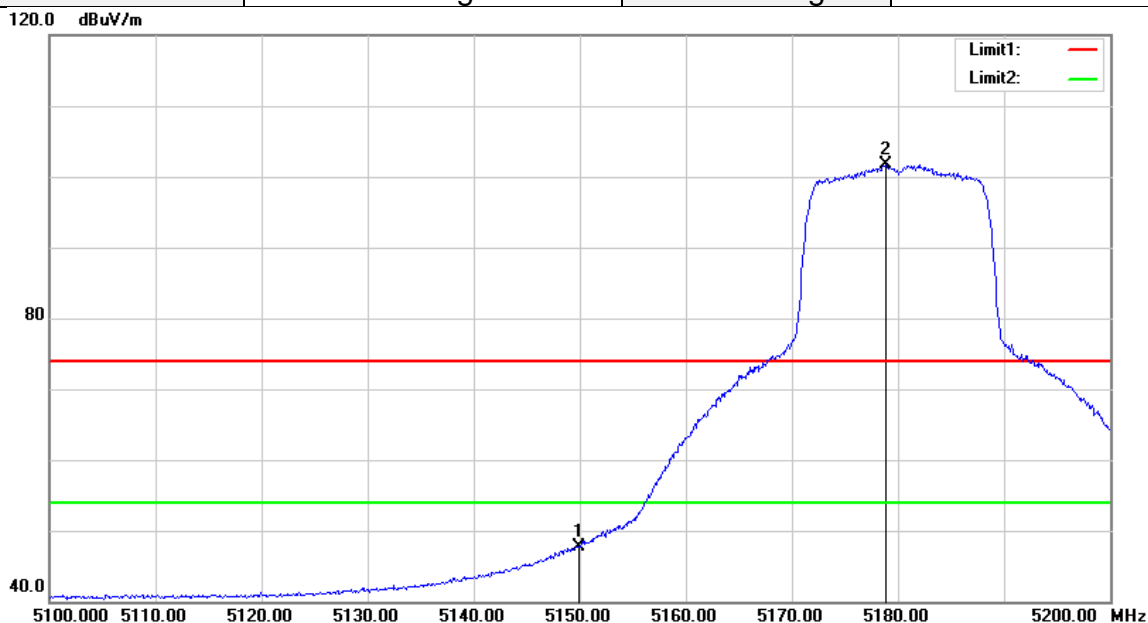
Band Edge Test Data for UNII-1

Test Mode	IEEE 802.11a Low CH	Temp/Hum	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Peak	Test Voltage	120Vac / 60Hz



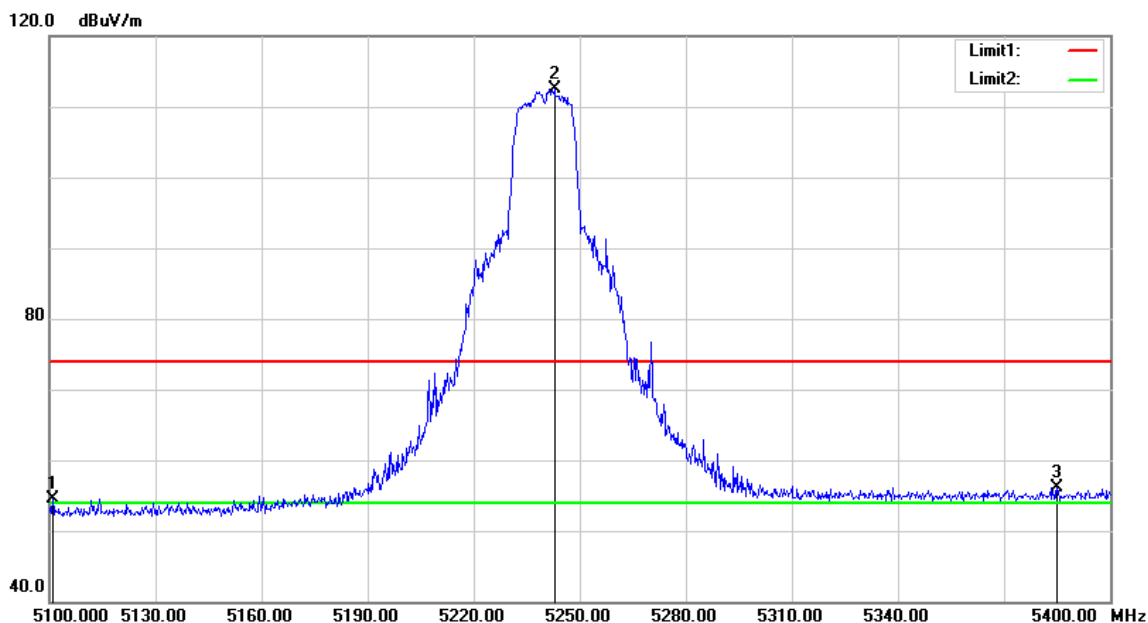
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5149.500	68.91	3.04	71.95	74.00	-2.05	peak
5180.000	108.89	3.91	112.80	-	-	peak

Test Mode	IEEE 802.11a Low CH	Temperature	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Average	Test Voltage	120Vac / 60Hz



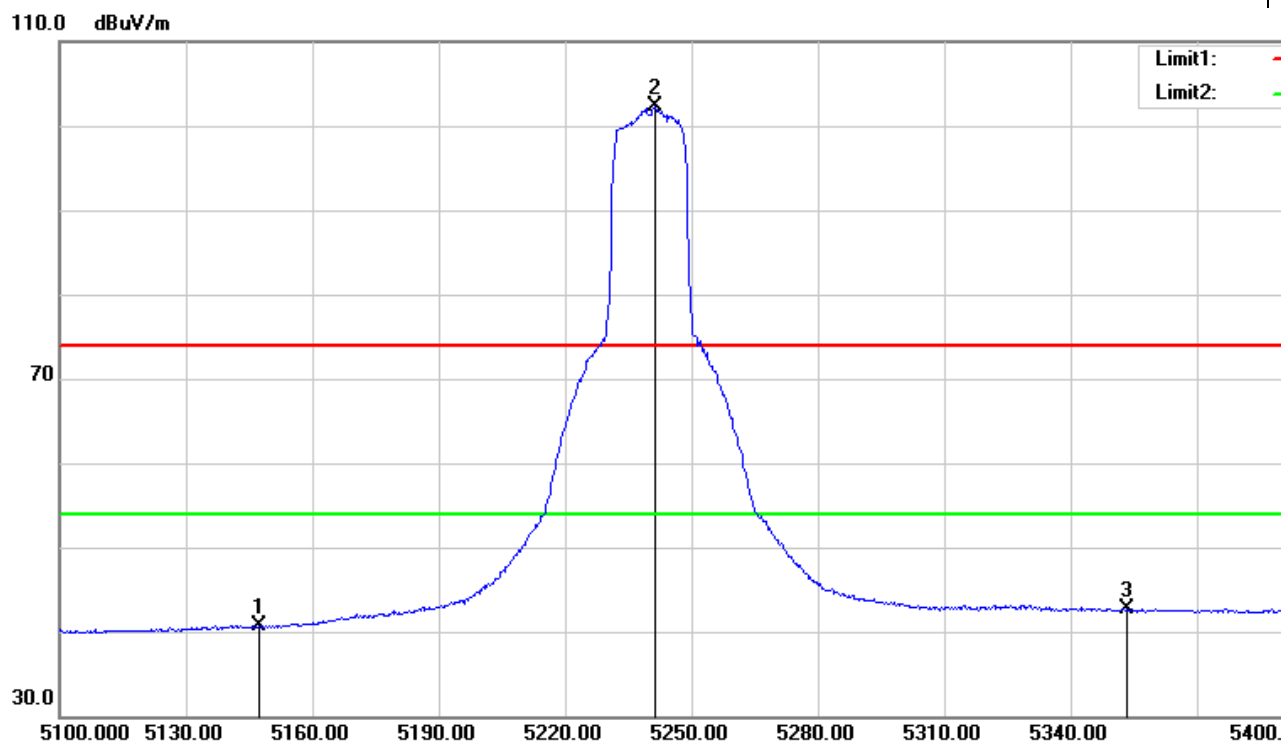
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5149.900	44.73	3.04	47.77	54.00	-6.23	AVG
5178.900	97.87	3.88	101.75	-	-	AVG

Test Mode	IEEE 802.11a High CH	Temp/Hum	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Peak	Test Voltage	120Vac / 60Hz



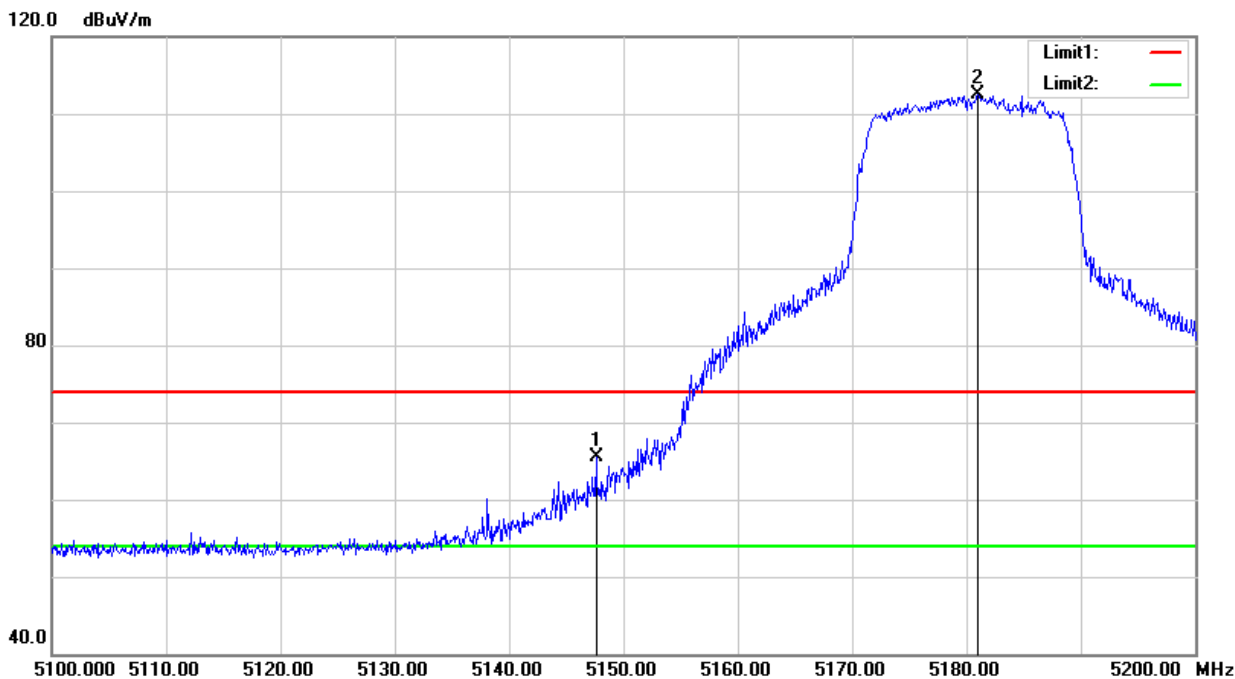
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5100.900	51.75	2.71	54.46	74.00	-19.54	peak
5242.800	107.94	4.64	112.58	-	-	peak
5385.000	50.54	5.60	56.14	74.00	-17.86	peak

Test Mode	IEEE 802.11a High CH	Temperature	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Average	Test Voltage	120Vac / 60Hz



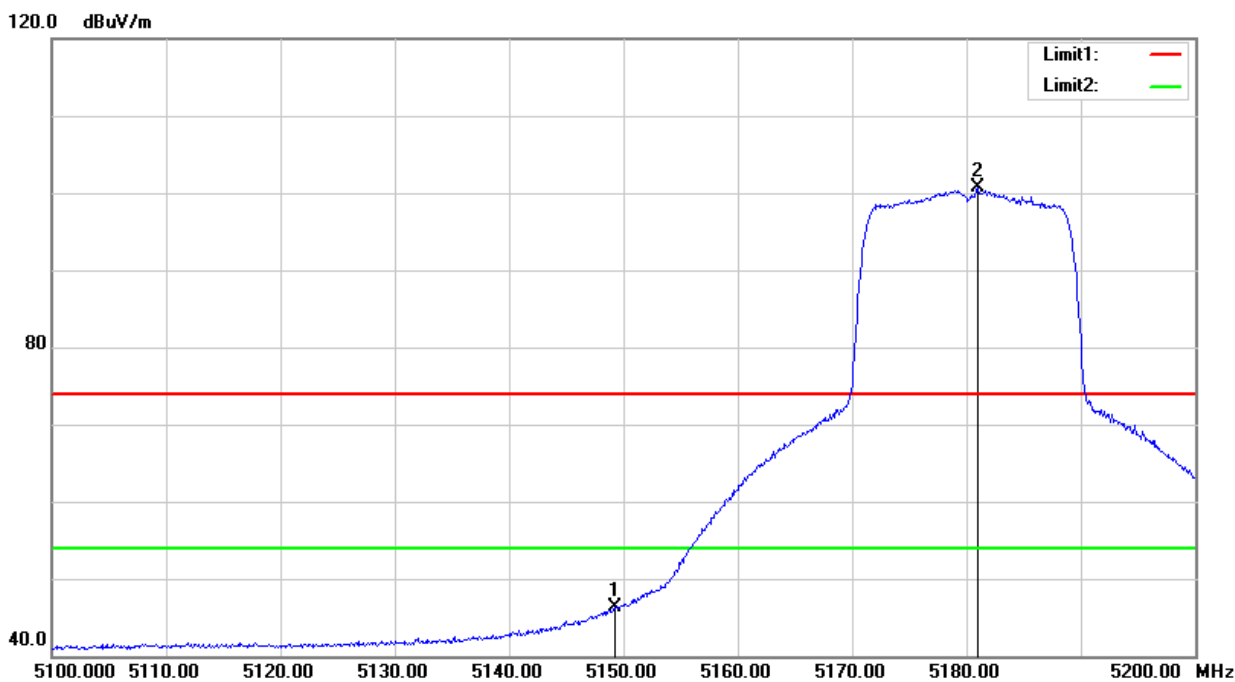
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5147.400	37.71	3.02	40.73	54.00	-13.27	AVG
5241.300	97.62	4.63	102.25	-	-	AVG
5353.200	37.43	5.34	42.77	54.00	-11.23	AVG

Test Mode	IEEE 802.11n HT20 Low CH	Temp/Hum	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Peak	Test Voltage	120Vac / 60Hz



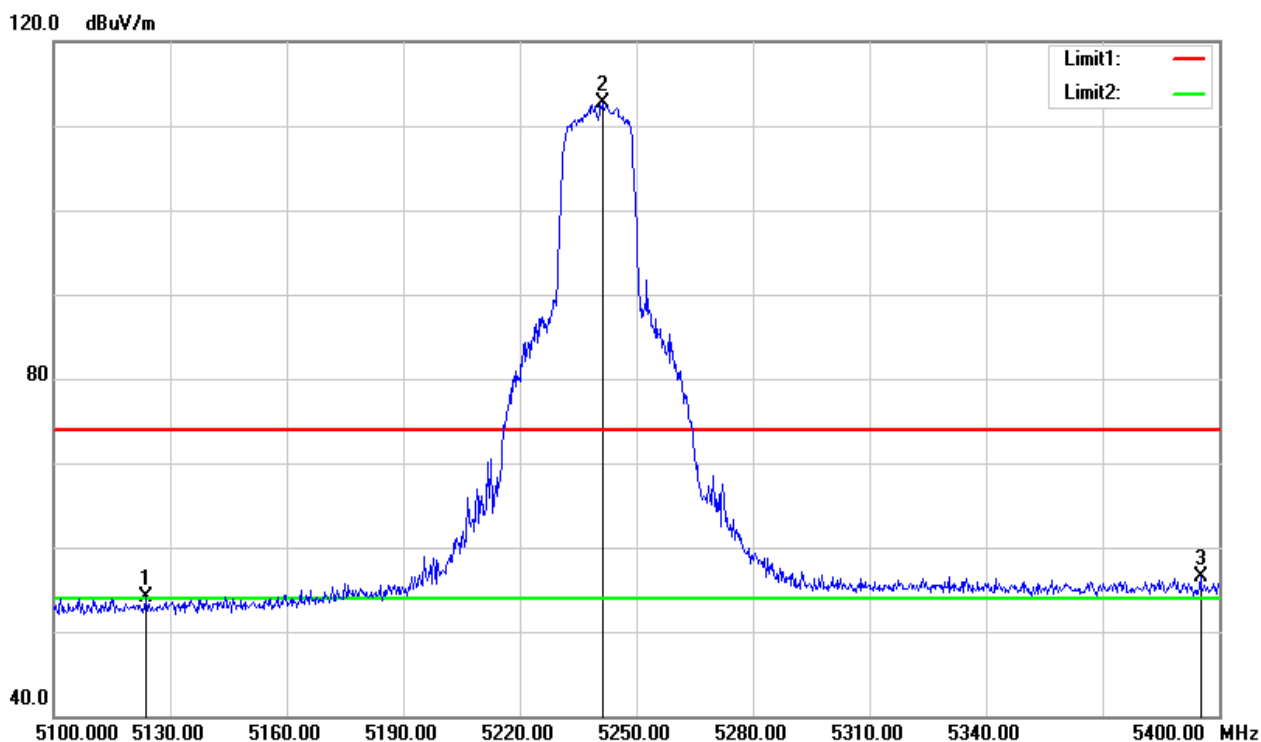
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5147.600	62.44	3.02	65.46	74.00	-8.54	peak
5181.000	108.51	3.94	112.45	-	-	peak

Test Mode	IEEE 802.11n HT20 Low CH	Temperature	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Average	Test Voltage	120Vac / 60Hz



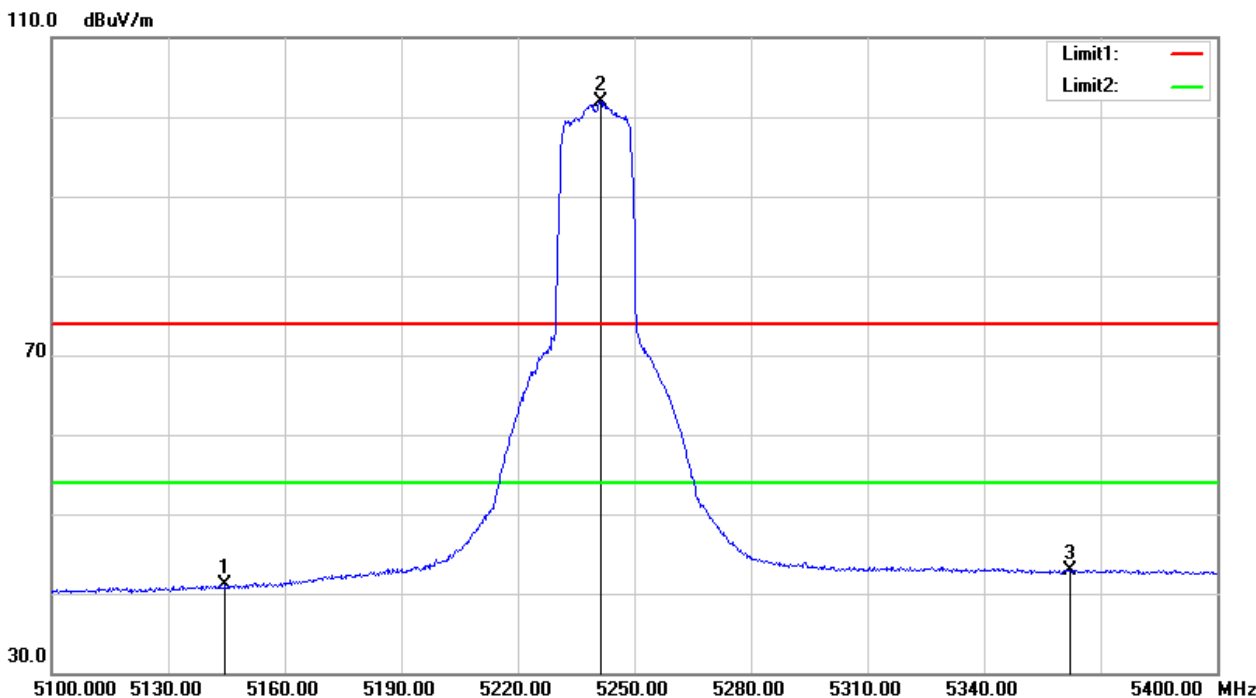
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5149.200	43.37	3.03	46.40	54.00	-7.60	AVG
5181.000	96.67	3.94	100.61	-	-	AVG

Test Mode	IEEE 802.11n HT20 High CH	Temp/Hum	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Peak	Test Voltage	120Vac / 60Hz



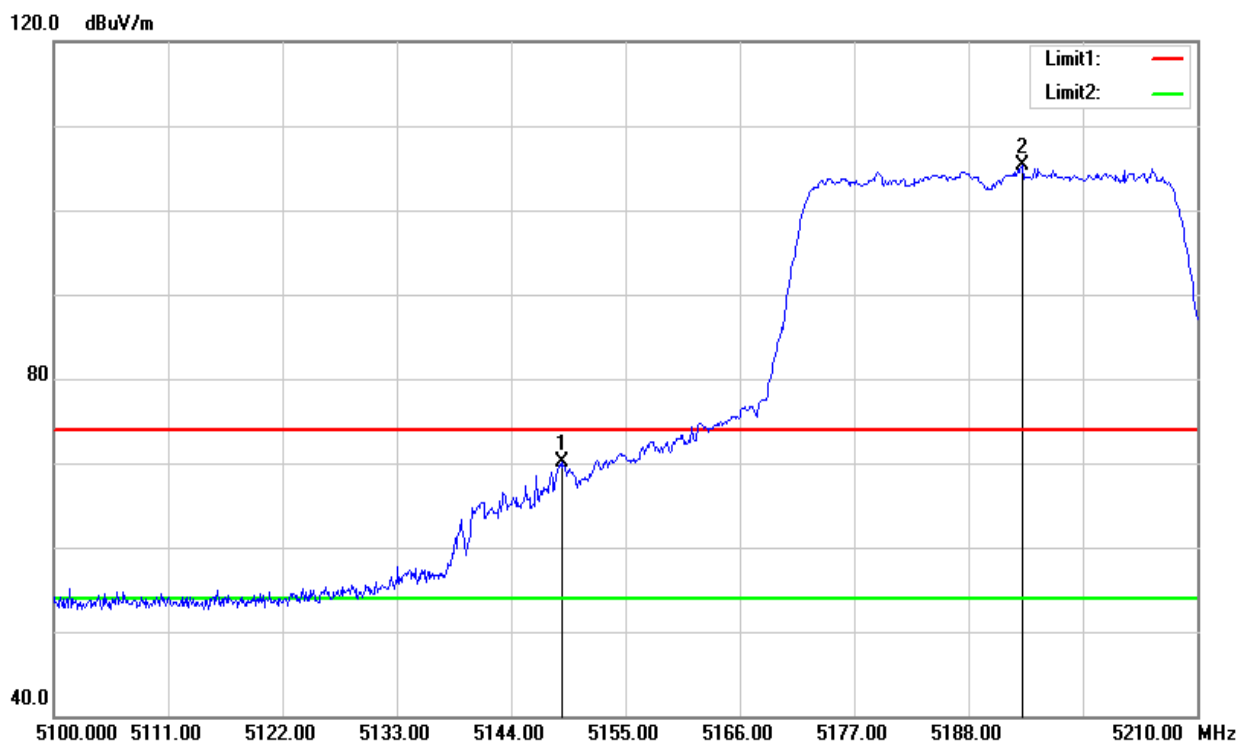
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5123.700	51.15	2.86	54.01	74.00	-19.99	peak
5241.300	108.04	4.63	112.67	-	-	peak
5395.200	50.83	5.68	56.51	74.00	-17.49	peak

Test Mode	IEEE 802.11n HT20 High CH	Temperature	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Average	Test Voltage	120Vac / 60Hz



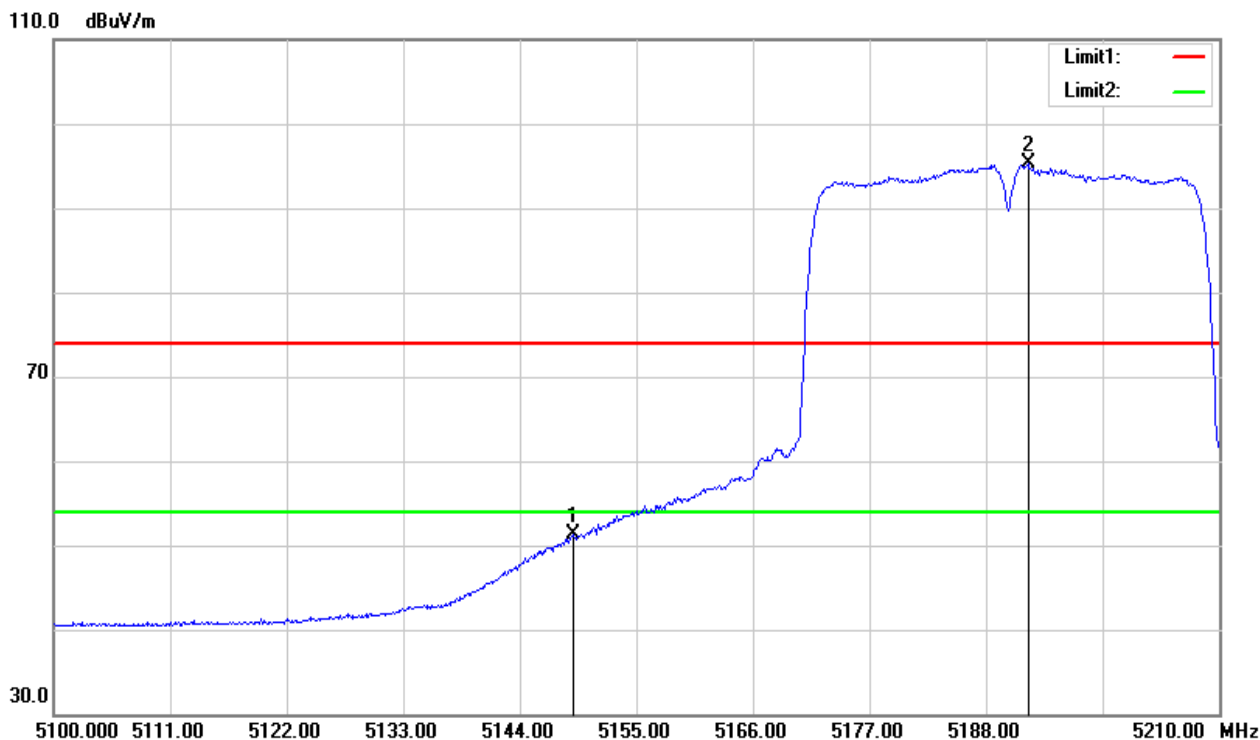
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5144.700	38.05	3.00	41.05	54.00	-12.95	AVG
5241.300	97.32	4.63	101.95	-	-	AVG
5362.200	37.55	5.41	42.96	54.00	-11.04	AVG

Test Mode	IEEE 802.11n HT40 Low CH	Temp/Hum	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 4, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Peak	Test Voltage	120Vac / 60Hz



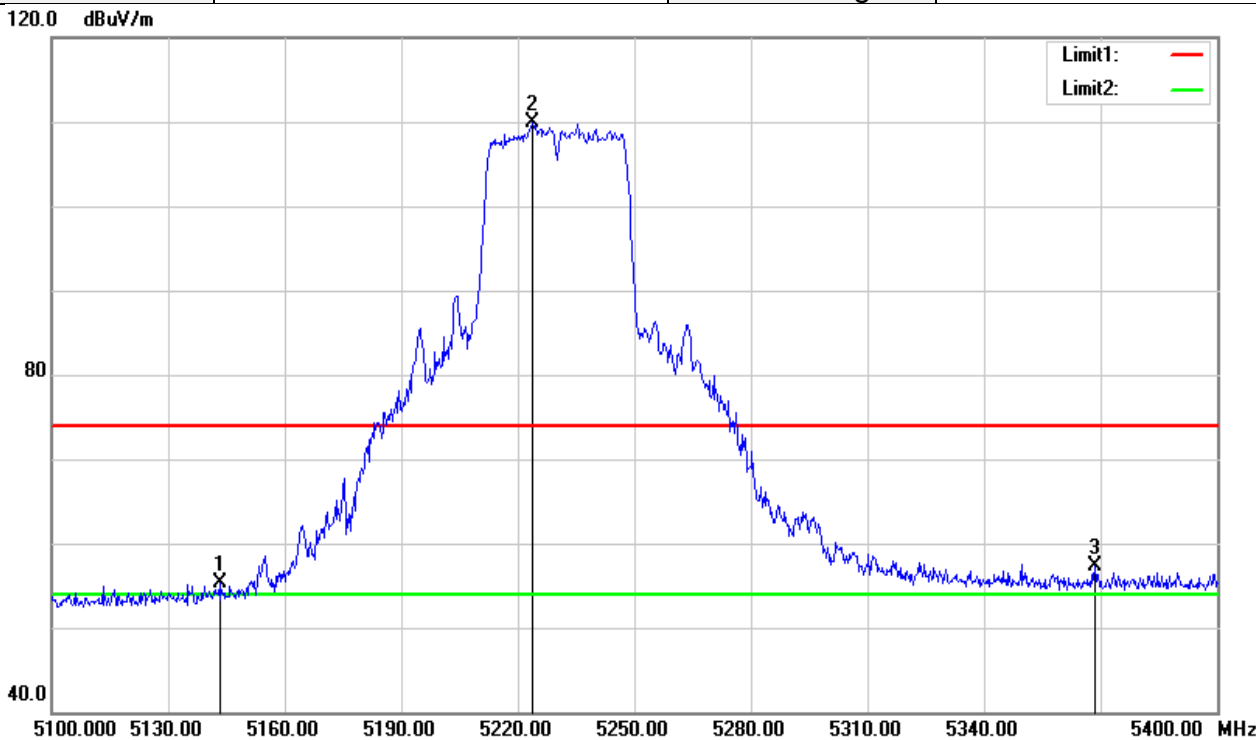
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5148.950	67.02	3.03	70.05	74.00	-3.95	peak
5193.170	100.95	4.29	105.24	-	-	peak

Test Mode	IEEE 802.11n HT40 Low CH	Temperature	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 4, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Average	Test Voltage	120Vac / 60Hz



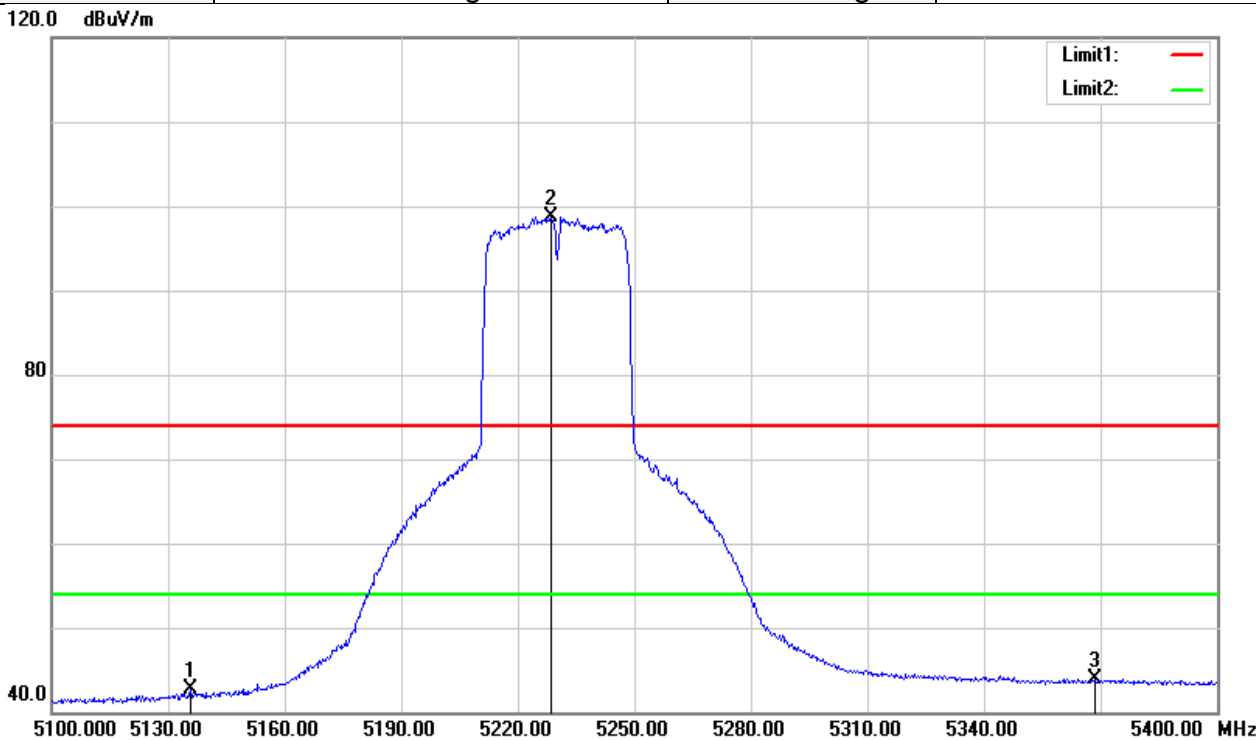
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5149.060	48.19	3.03	51.22	54.00	-2.78	AVG
5191.960	90.96	4.26	95.22	-	-	AVG

Test Mode	IEEE 802.11n HT40 High CH	Temp/Hum	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Peak	Test Voltage	120Vac / 60Hz



Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5143.200	52.31	2.99	55.30	74.00	-18.70	peak
5223.900	105.38	4.57	109.95	-	-	peak
5368.500	51.81	5.46	57.27	74.00	-16.73	peak

Test Mode	IEEE 802.11n HT40 High CH	Temperature	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Average	Test Voltage	120Vac / 60Hz

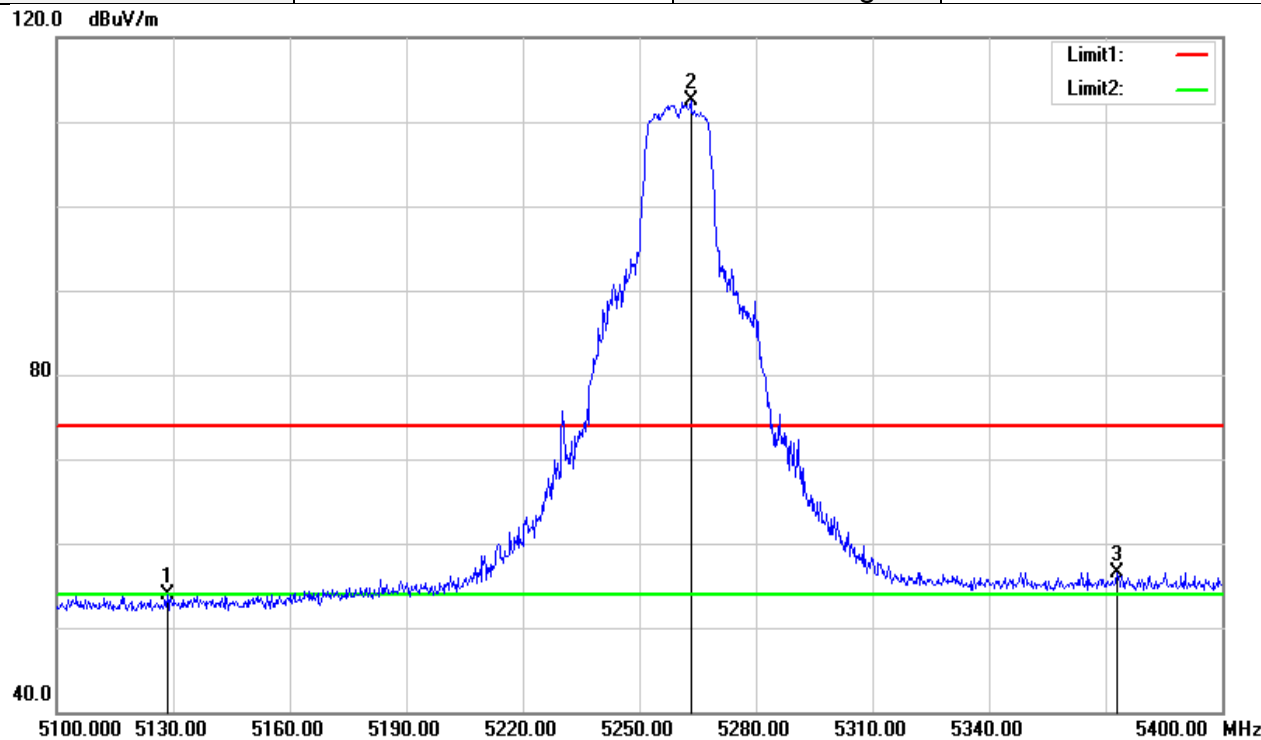


Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5135.700	39.75	2.94	42.69	54.00	-11.31	AVG
5228.700	94.20	4.59	98.79	-	-	AVG
5368.500	38.46	5.46	43.92	54.00	-10.08	AVG

Test Data

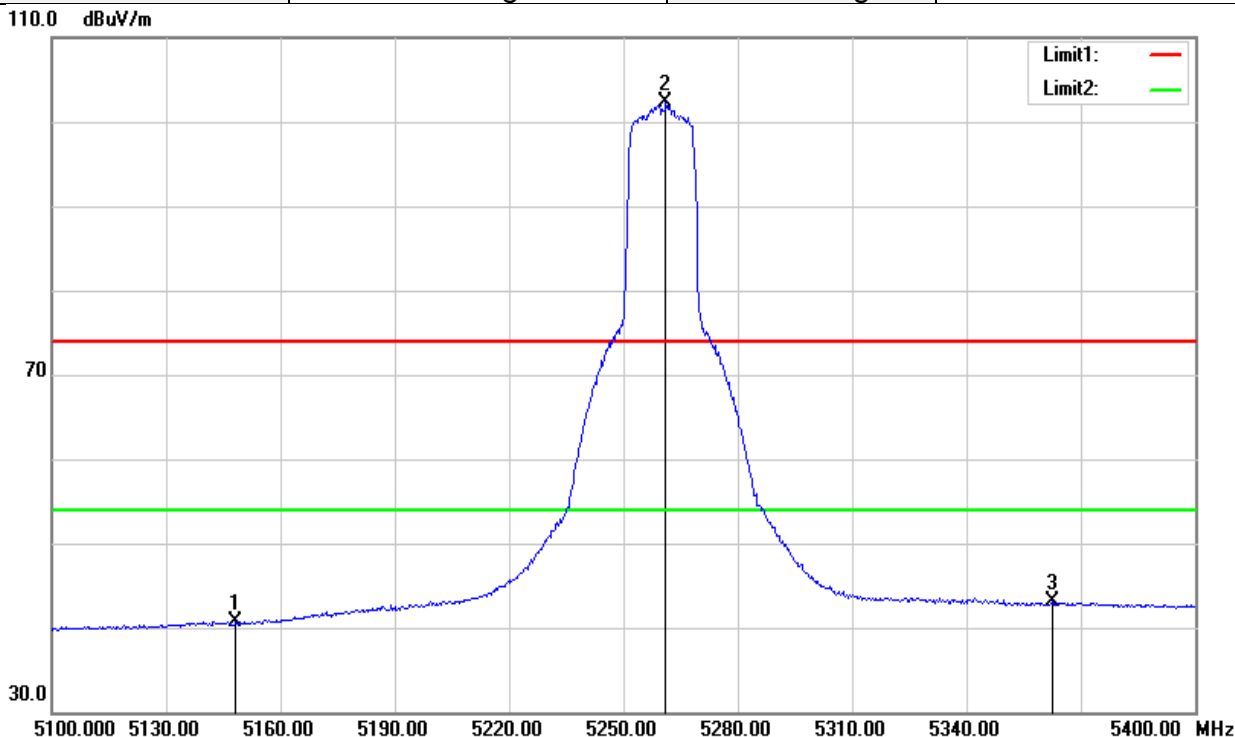
Band Edge Test Data for UNII-2a

Test Mode	IEEE 802.11a Low CH	Temp/Hum	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Peak	Test Voltage	120Vac / 60Hz



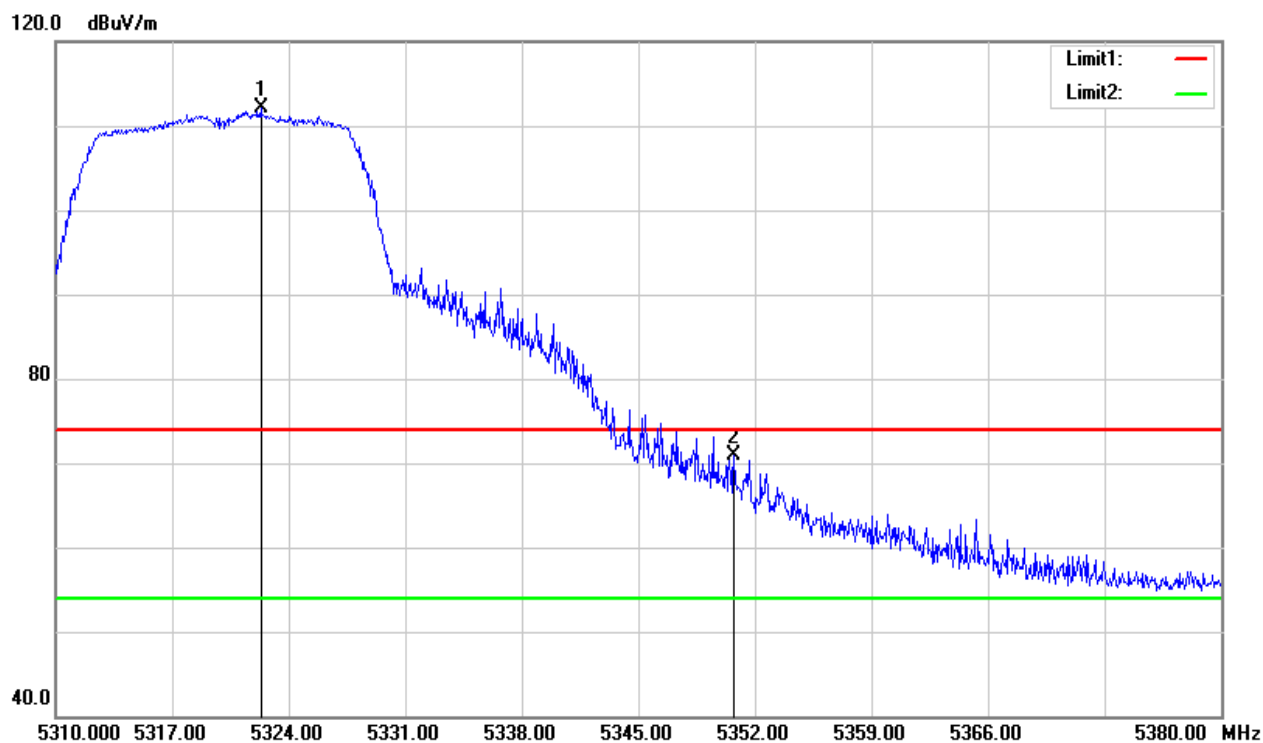
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5128.500	50.96	2.89	53.85	74.00	-20.15	peak
5263.200	107.74	4.70	112.44	-	-	peak
5373.000	51.07	5.50	56.57	74.00	-17.43	peak

Test Mode	IEEE 802.11a Low CH	Temperature	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Average	Test Voltage	120Vac / 60Hz



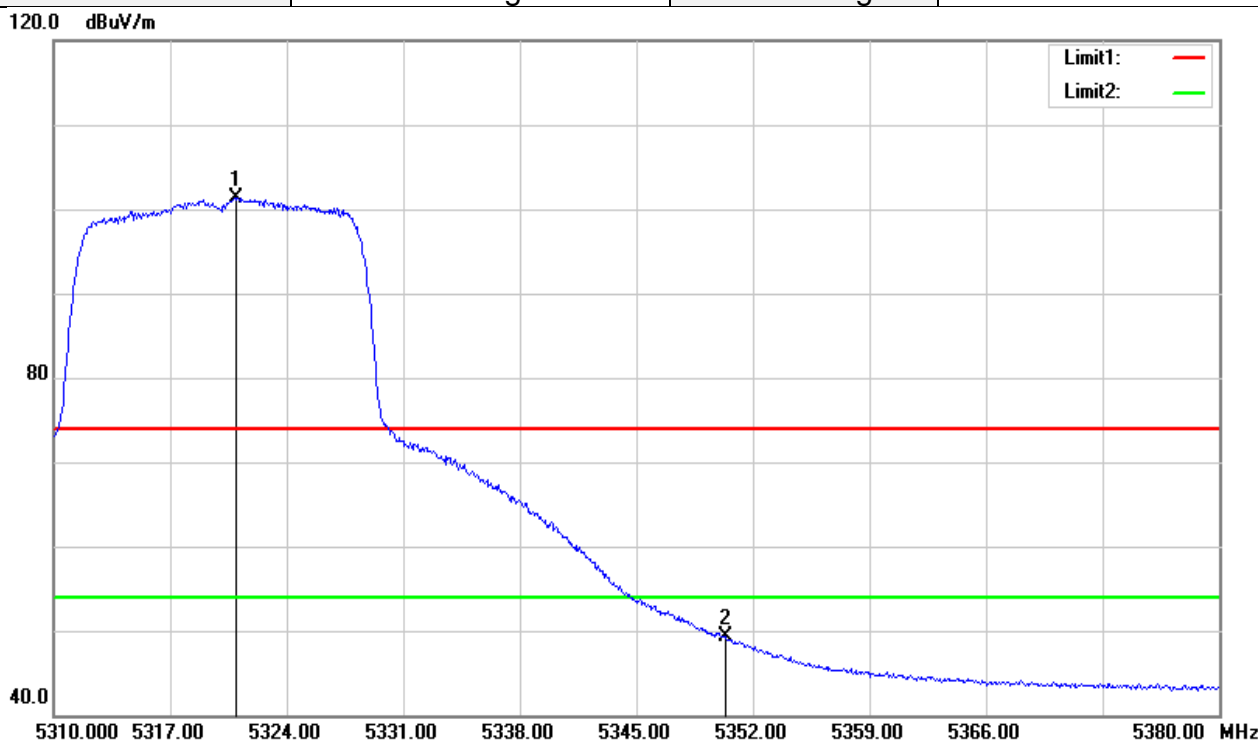
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5148.300	37.64	3.03	40.67	54.00	-13.33	AVG
5261.100	97.54	4.70	102.24	-	-	AVG
5362.500	37.61	5.41	43.02	54.00	-10.98	AVG

Test Mode	IEEE 802.11a High CH	Temp/Hum	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Peak	Test Voltage	120Vac / 60Hz



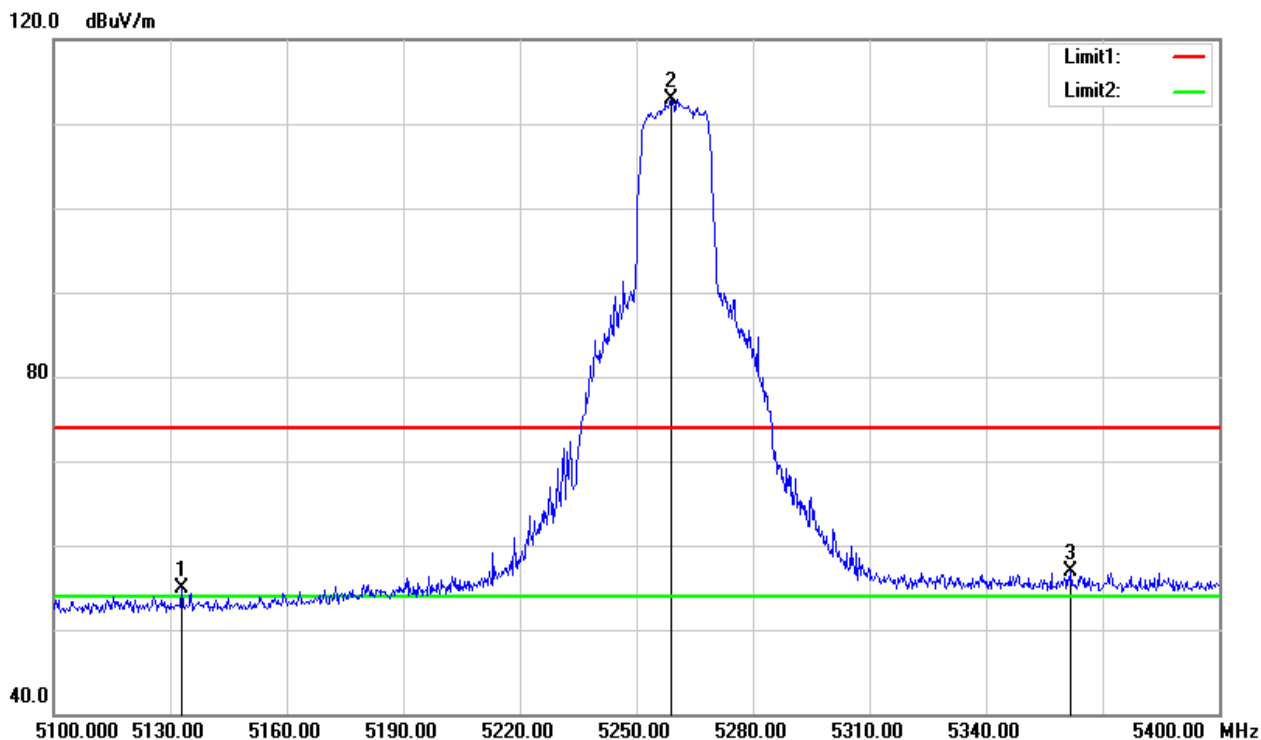
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5322.320	107.00	5.04	112.04	-	-	peak
5350.740	65.54	5.32	70.86	74.00	-3.14	peak

Test Mode	IEEE 802.11a High CH	Temperature	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Average	Test Voltage	120Vac / 60Hz



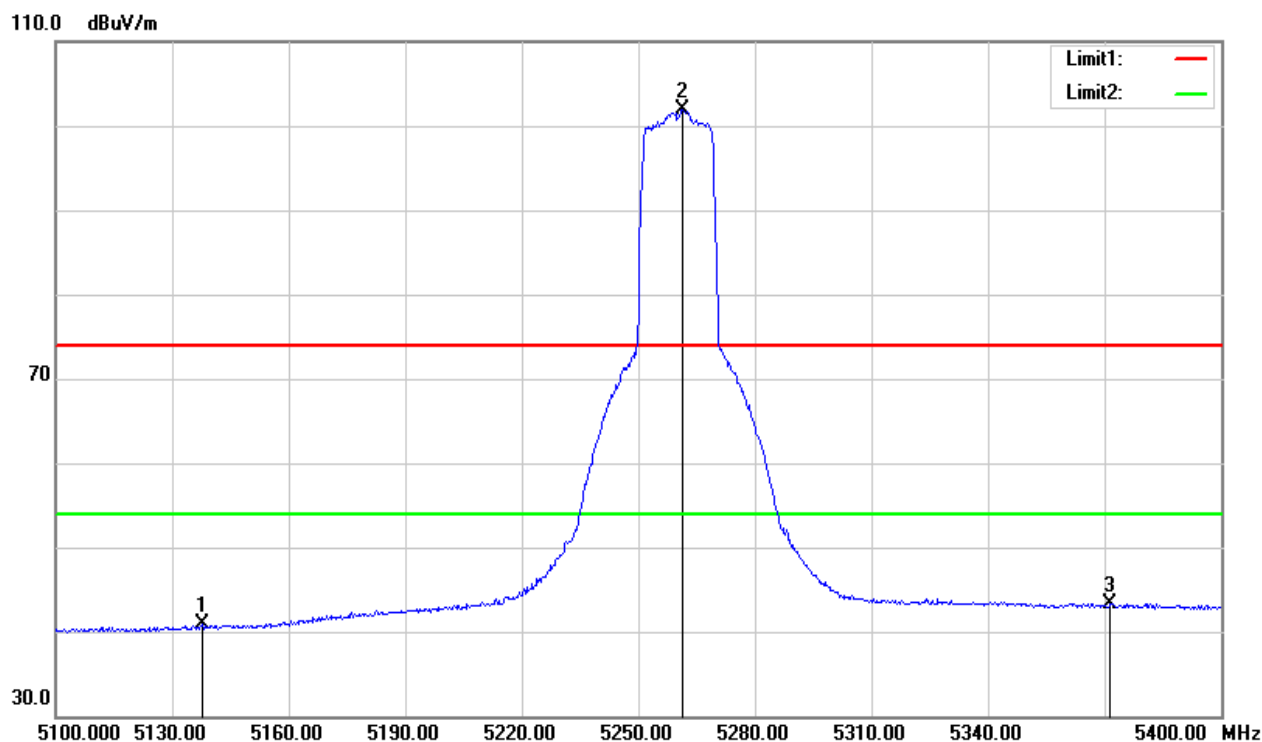
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5320.920	96.35	5.03	101.38	-	-	AVG
5350.320	43.99	5.31	49.30	54.00	-4.70	AVG

Test Mode	IEEE 802.11n HT20 Low CH	Temp/Hum	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Peak	Test Voltage	120Vac / 60Hz



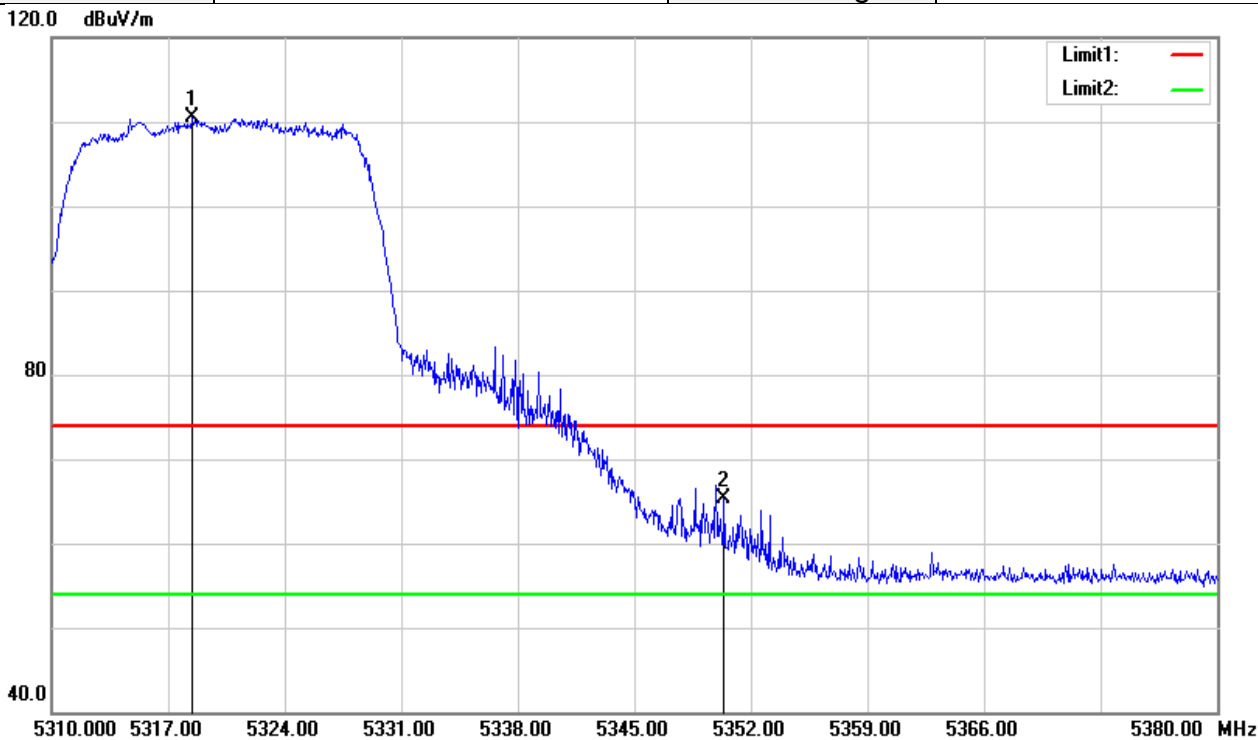
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5133.000	52.04	2.92	54.96	74.00	-19.04	peak
5259.000	108.21	4.69	112.90	-	-	peak
5361.900	51.43	5.41	56.84	74.00	-17.16	peak

Test Mode	IEEE 802.11n HT20 Low CH	Temperature	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Average	Test Voltage	120Vac / 60Hz



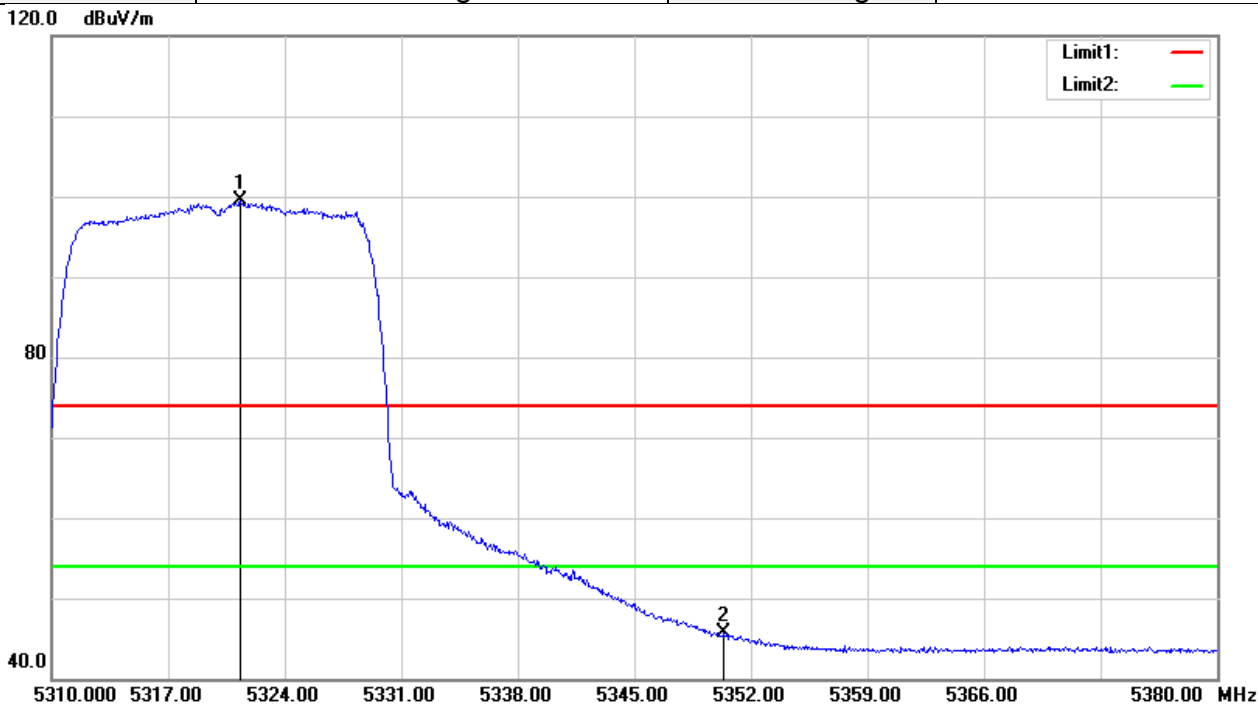
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5137.800	37.88	2.96	40.84	54.00	-13.16	AVG
5261.400	97.19	4.70	101.89	-	-	AVG
5371.500	37.90	5.49	43.39	54.00	-10.61	AVG

Test Mode	IEEE 802.11n HT20 High CH	Temp/Hum	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Peak	Test Voltage	120Vac / 60Hz



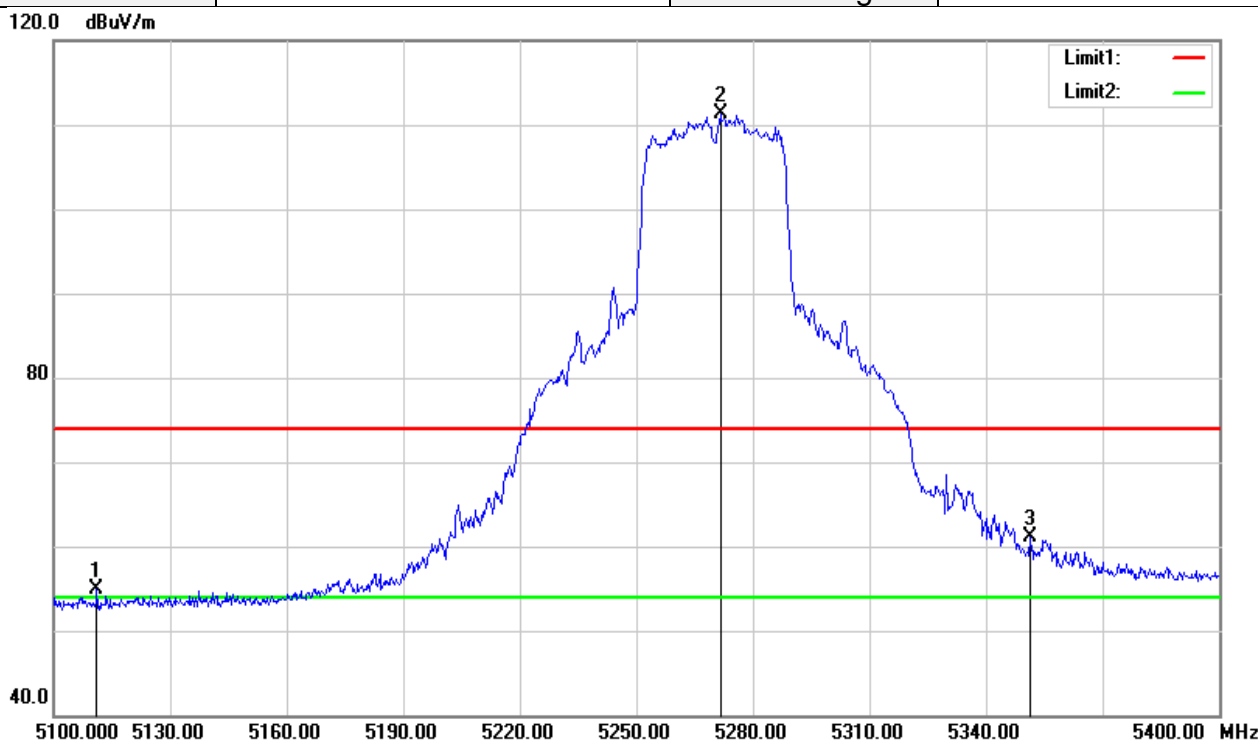
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5318.470	105.40	5.01	110.41	-	-	peak
5350.390	60.05	5.31	65.36	74.00	-8.64	peak

Test Mode	IEEE 802.11n HT20 High CH	Temperature	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Average	Test Voltage	120Vac / 60Hz



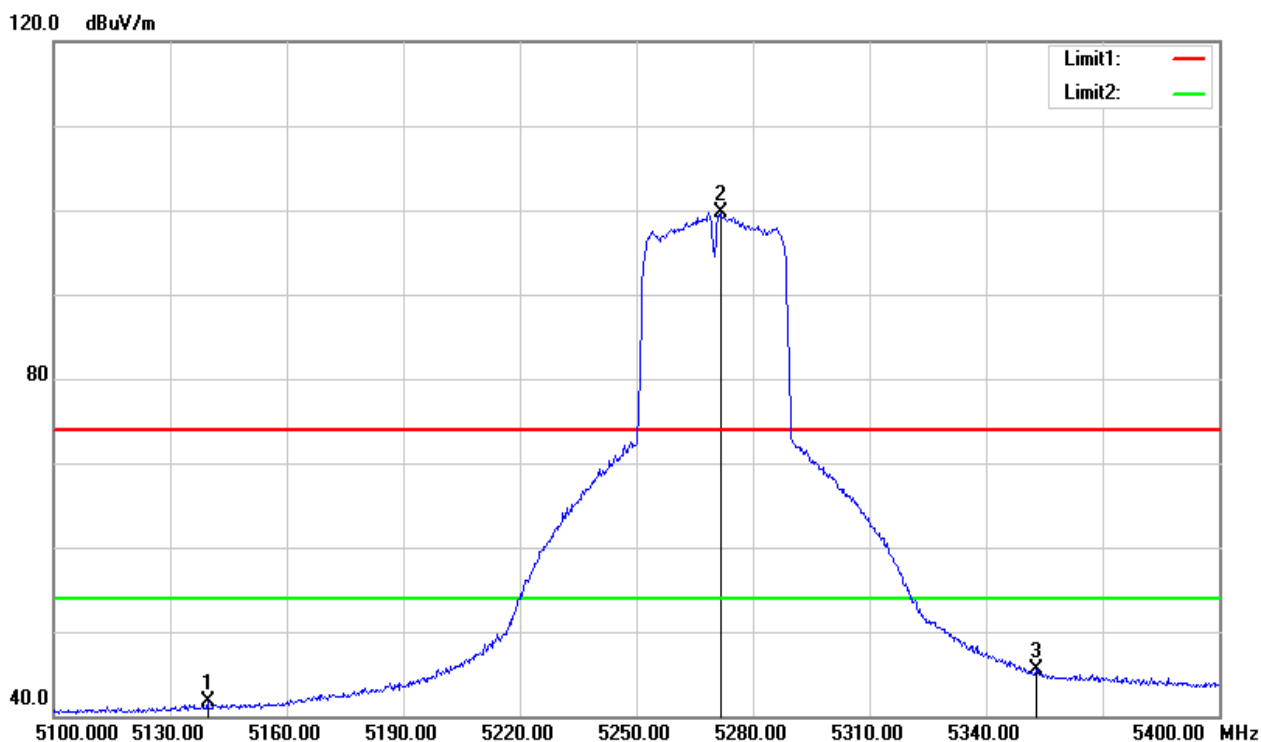
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5321.340	94.38	5.03	99.41	-	-	AVG
5350.390	40.37	5.31	45.68	54.00	-8.32	AVG

Test Mode	IEEE 802.11n HT40 Low CH	Temp/Hum	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Peak	Test Voltage	120Vac / 60Hz



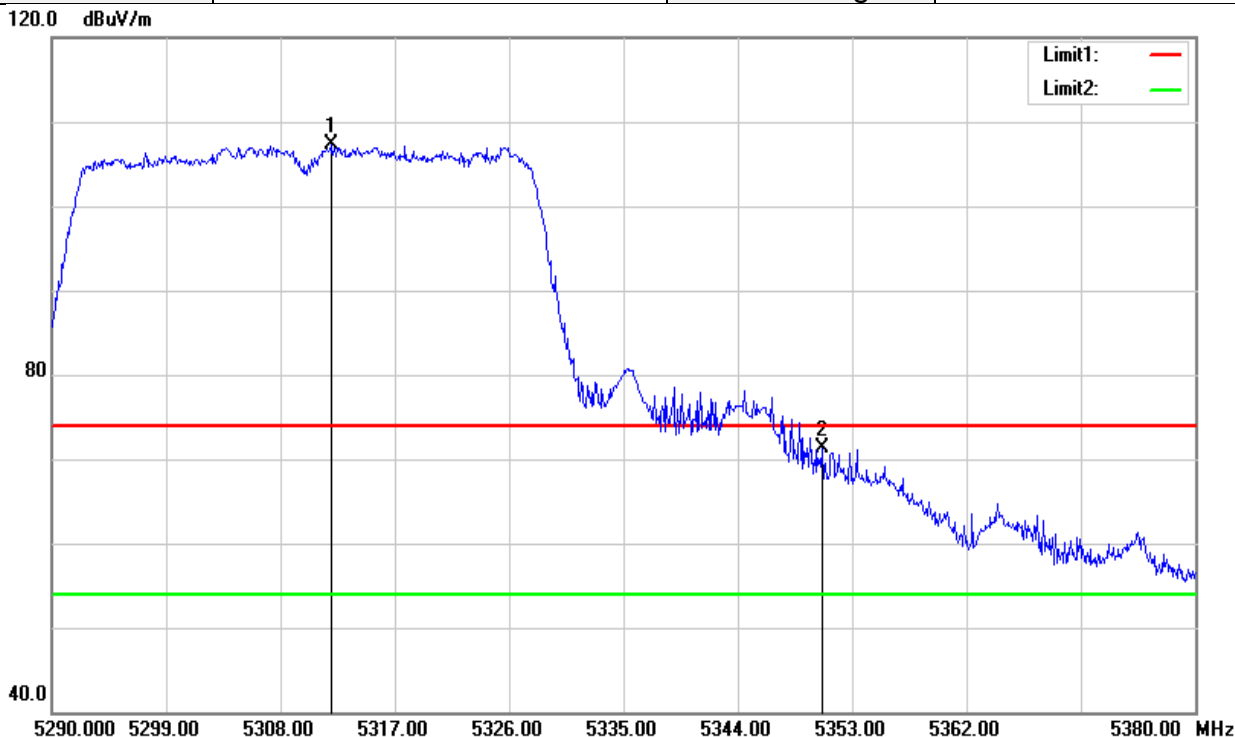
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5111.100	52.10	2.78	54.88	74.00	-19.12	peak
5271.600	106.52	4.73	111.25	-	-	peak
5351.400	55.72	5.32	61.04	74.00	-12.96	peak

Test Mode	IEEE 802.11n HT40 Low CH	Temperature	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Average	Test Voltage	120Vac / 60Hz



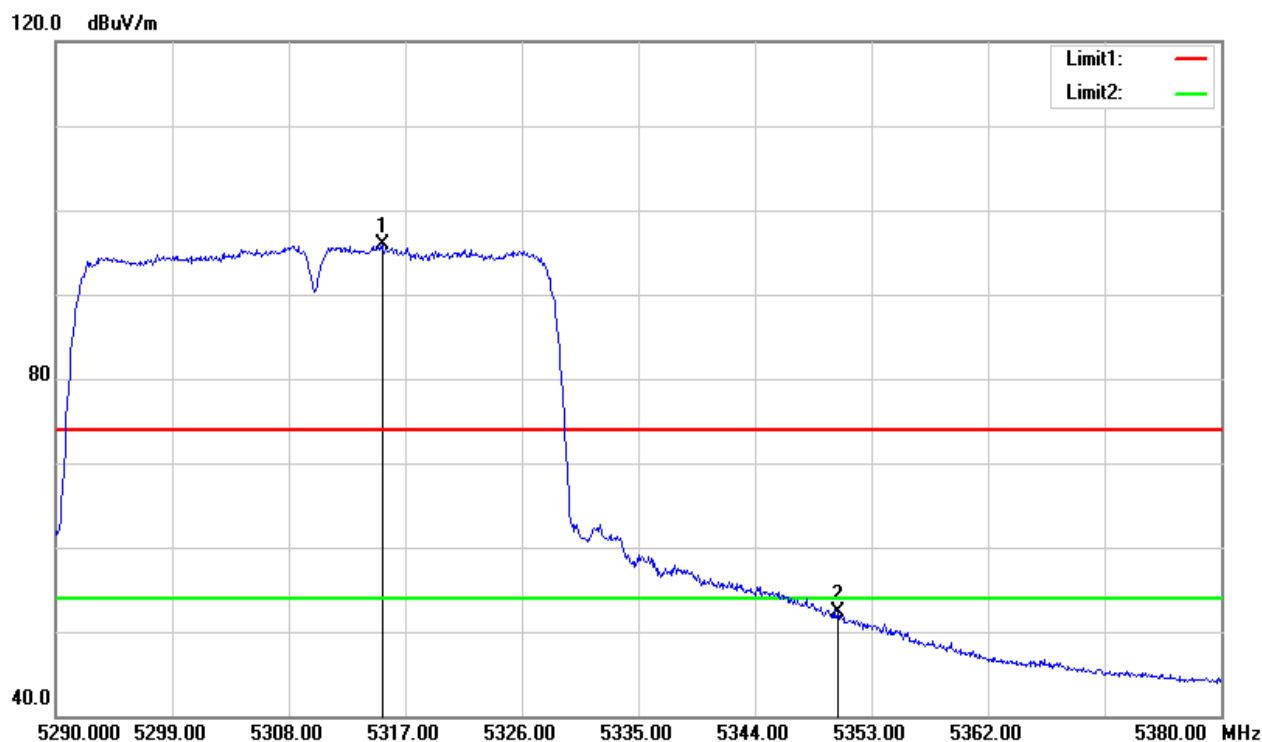
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5139.600	38.77	2.97	41.74	54.00	-12.26	AVG
5271.600	95.02	4.73	99.75	-	-	AVG
5352.900	40.16	5.33	45.49	54.00	-8.51	AVG

Test Mode	IEEE 802.11n HT40 High CH	Temp/Hum	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Peak	Test Voltage	120Vac / 60Hz



Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5311.960	102.29	4.94	107.23	-	-	peak
5350.660	65.96	5.32	71.28	74.00	-2.72	peak

Test Mode	IEEE 802.11n HT40 High CH	Temperature	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Average	Test Voltage	120Vac / 60Hz

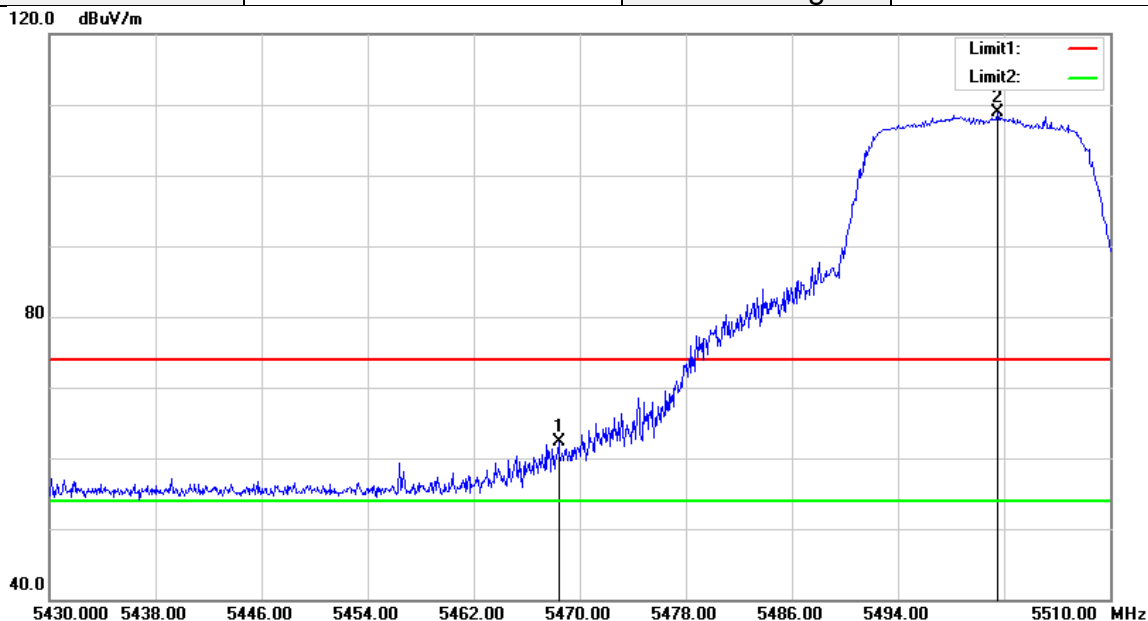


Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5315.200	90.89	4.98	95.87	-	-	AVG
5350.390	46.98	5.31	52.29	54.00	-1.71	AVG

Test Data

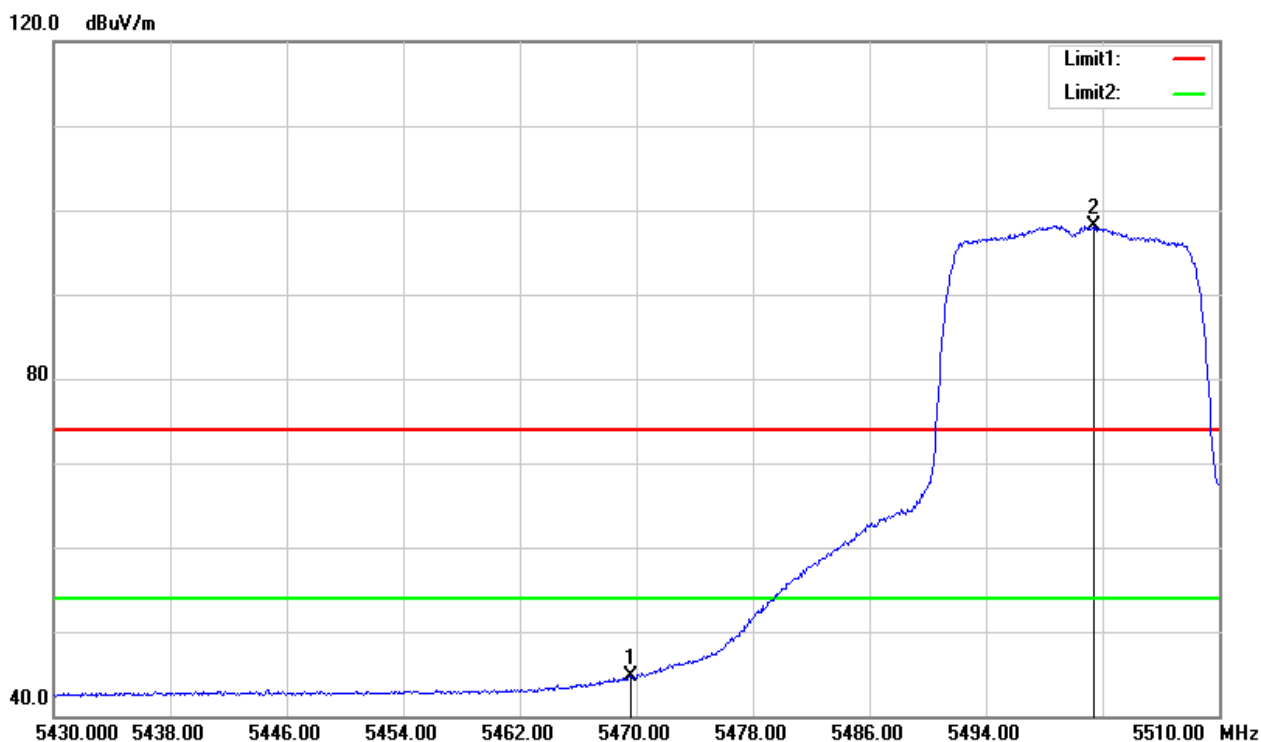
Band Edge Test Data for UNII-2c

Test Mode	IEEE 802.11a Low CH	Temp/Hum	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Peak	Test Voltage	120Vac / 60Hz



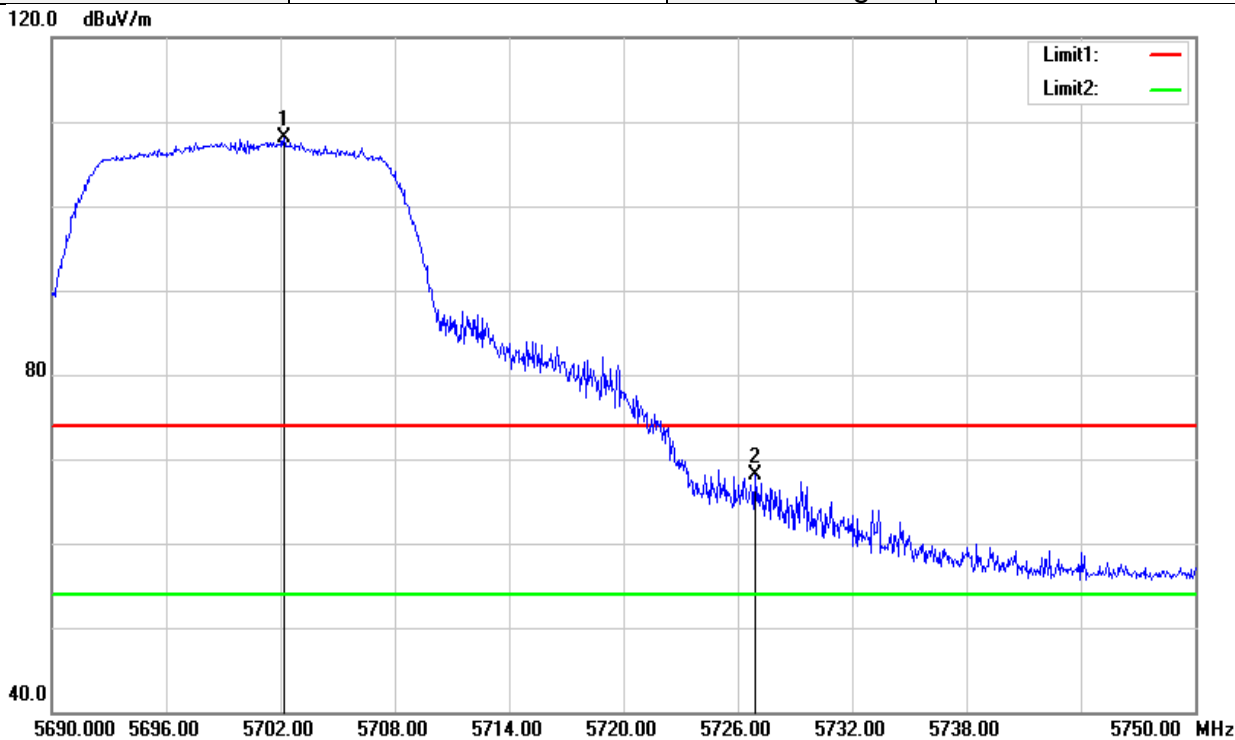
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5468.400	56.88	5.40	62.28	74.00	-11.72	peak
5501.520	103.56	5.26	108.82	-	-	peak

Test Mode	IEEE 802.11a Low CH	Temperature	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Average	Test Voltage	120Vac / 60Hz



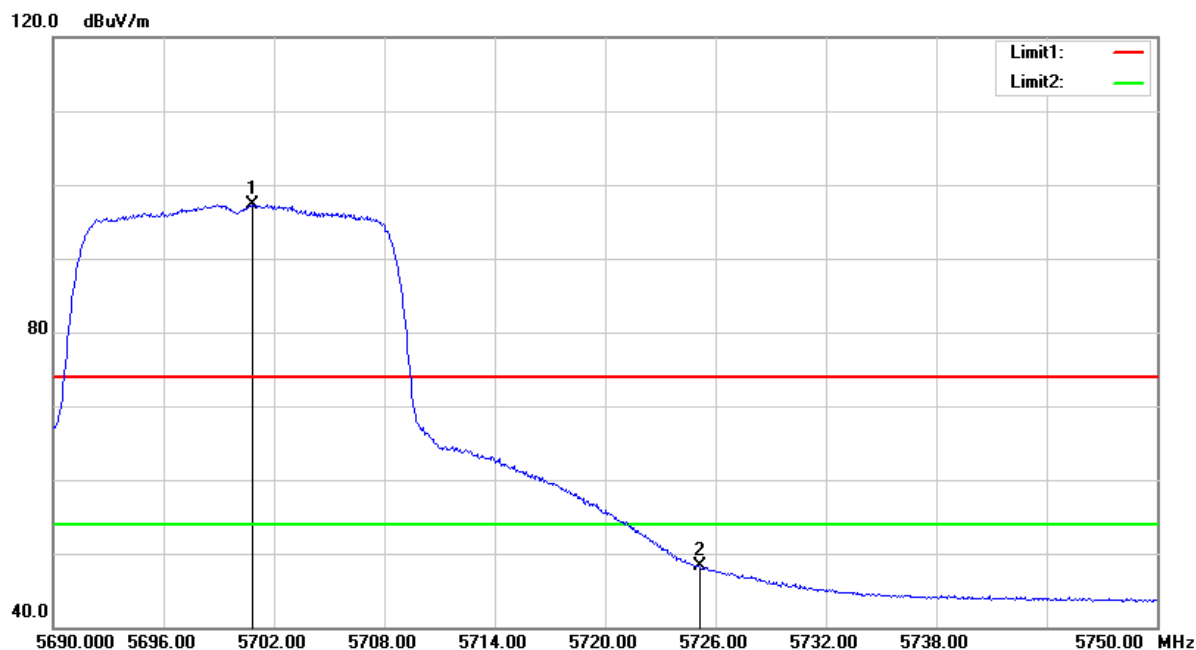
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5469.600	39.32	5.39	44.71	54.00	-9.29	AVG
5501.360	92.88	5.26	98.14	-	-	AVG

Test Mode	IEEE 802.11a High CH	Temp/Hum	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Peak	Test Voltage	120Vac / 60Hz



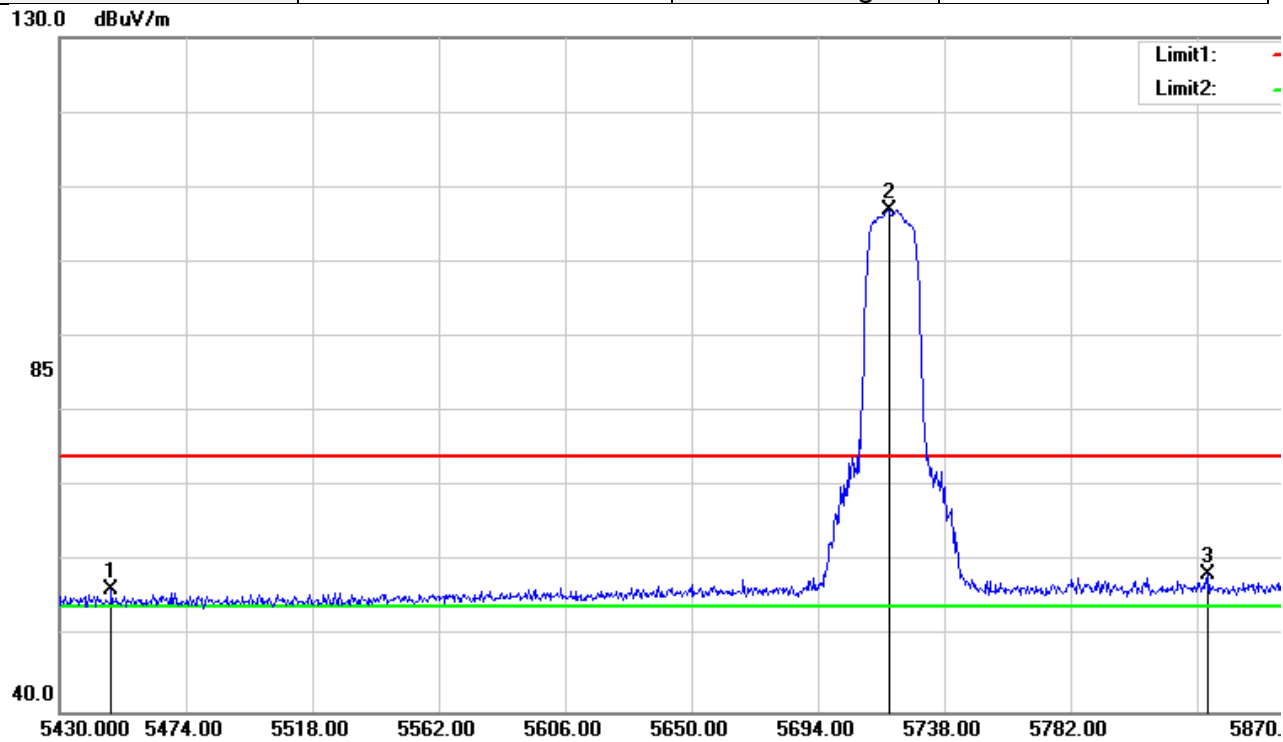
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5702.180	101.98	6.11	108.09	-	-	peak
5726.900	61.94	6.22	68.16	74.00	-5.84	peak

Test Mode	IEEE 802.11a High CH	Temperature	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Average	Test Voltage	120Vac / 60Hz



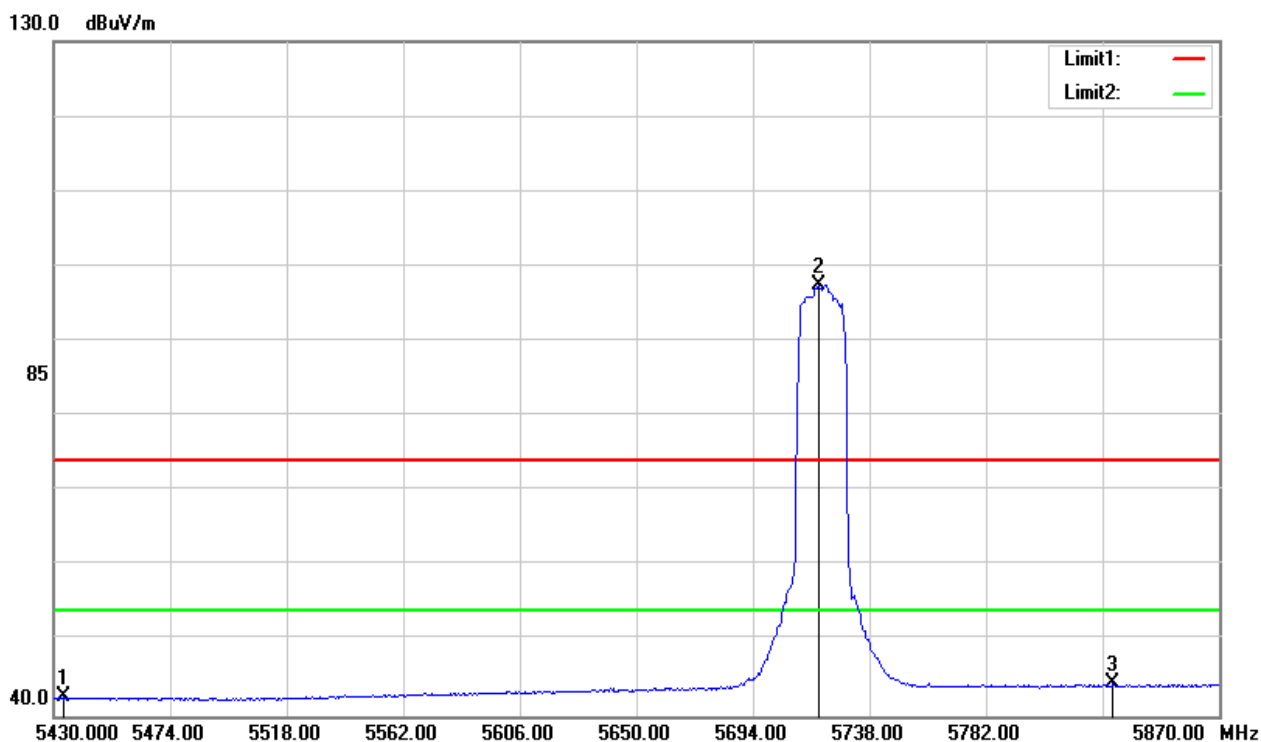
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5700.860	91.20	6.11	97.31	-	-	AVG
5725.160	41.99	6.21	48.20	54.00	-5.80	AVG

Test Mode	IEEE 802.11a Cross CH	Temp/Hum	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Peak	Test Voltage	120Vac / 60Hz



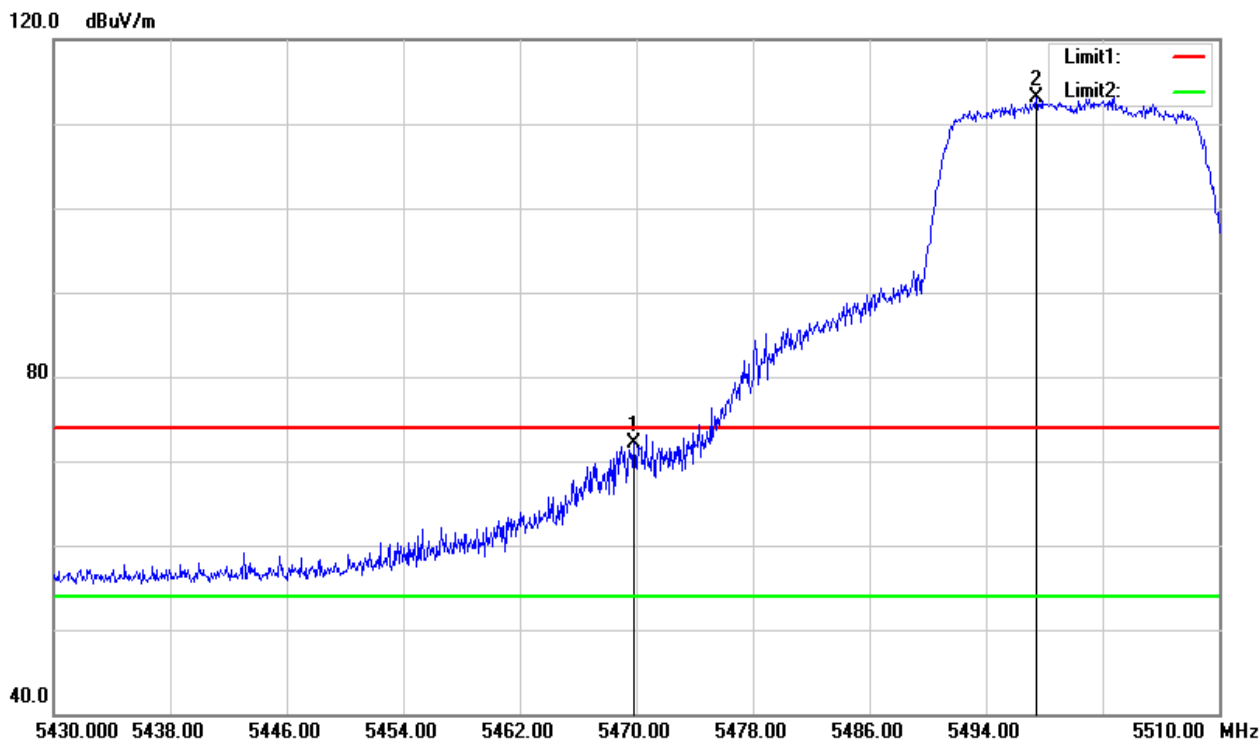
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5448.040	50.92	5.49	56.41	74.00	-17.59	peak
5718.640	100.76	6.18	106.94	-	-	peak
5829.960	51.69	6.66	58.35	74.00	-15.65	peak

Test Mode	IEEE 802.11a Cross CH	Temperature	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Average	Test Voltage	120Vac / 60Hz



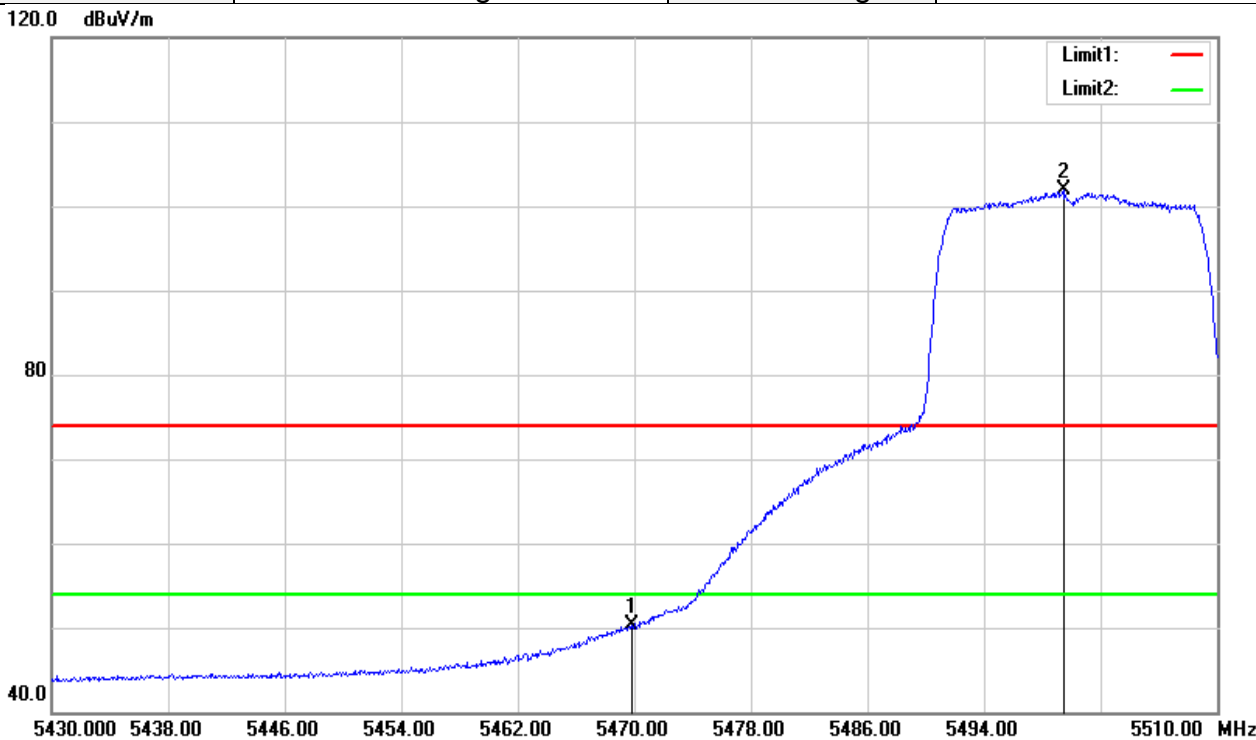
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5433.520	36.96	5.56	42.52	54.00	-11.48	AVG
5718.640	91.38	6.18	97.56	-	-	AVG
5829.960	37.63	6.66	44.29	54.00	-9.71	AVG

Test Mode	IEEE 802.11n HT20 Low CH	Temp/Hum	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Peak	Test Voltage	120Vac / 60Hz



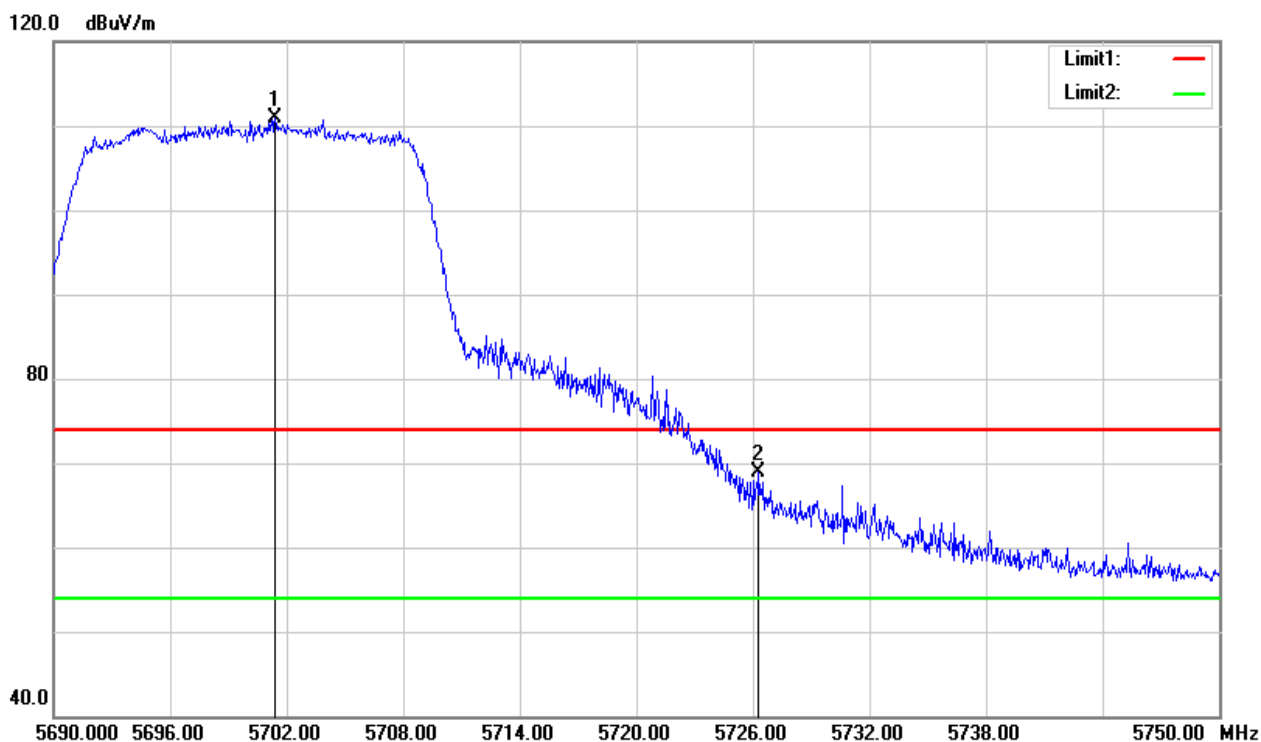
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5469.840	66.73	5.39	72.12	74.00	-1.88	peak
5497.440	107.88	5.26	113.14	-	-	peak

Test Mode	IEEE 802.11n HT20 Low CH	Temperature	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Average	Test Voltage	120Vac / 60Hz



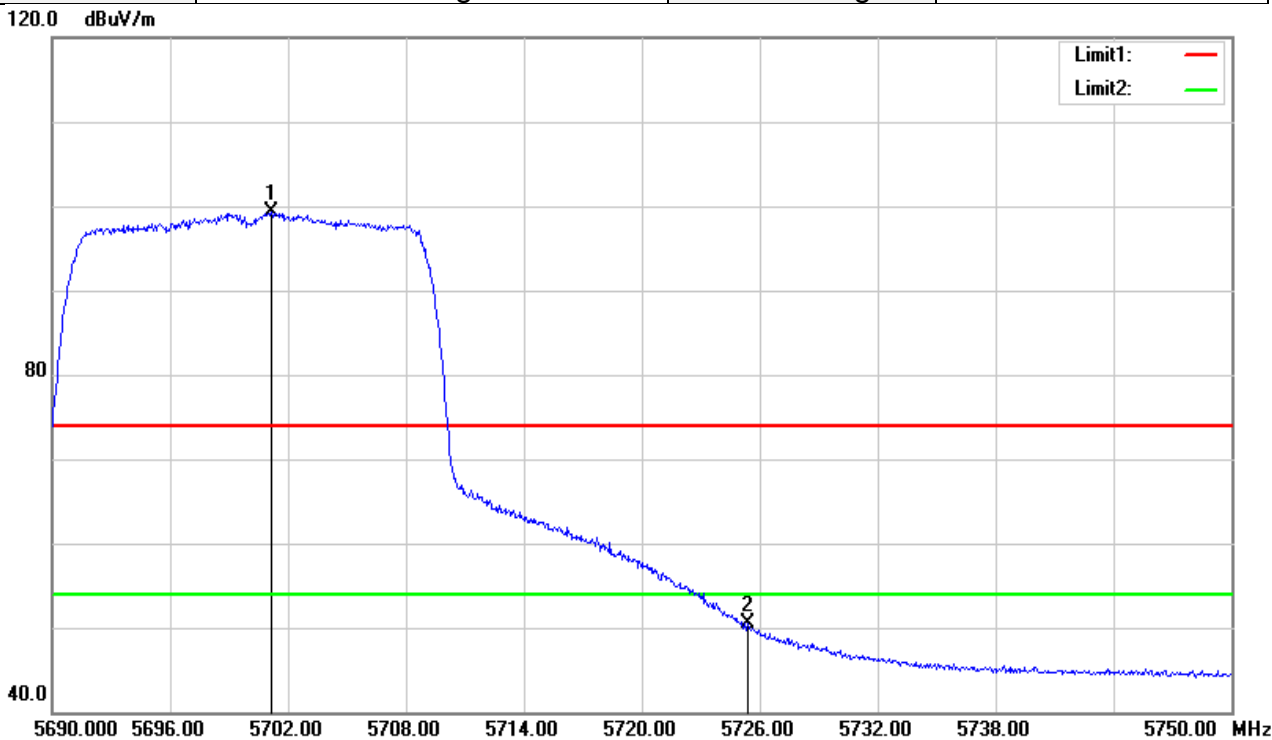
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5469.840	44.98	5.39	50.37	54.00	-3.63	AVG
5499.440	96.56	5.25	101.81	-	-	AVG

Test Mode	IEEE 802.11n HT20 High CH	Temp/Hum	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Peak	Test Voltage	120Vac / 60Hz



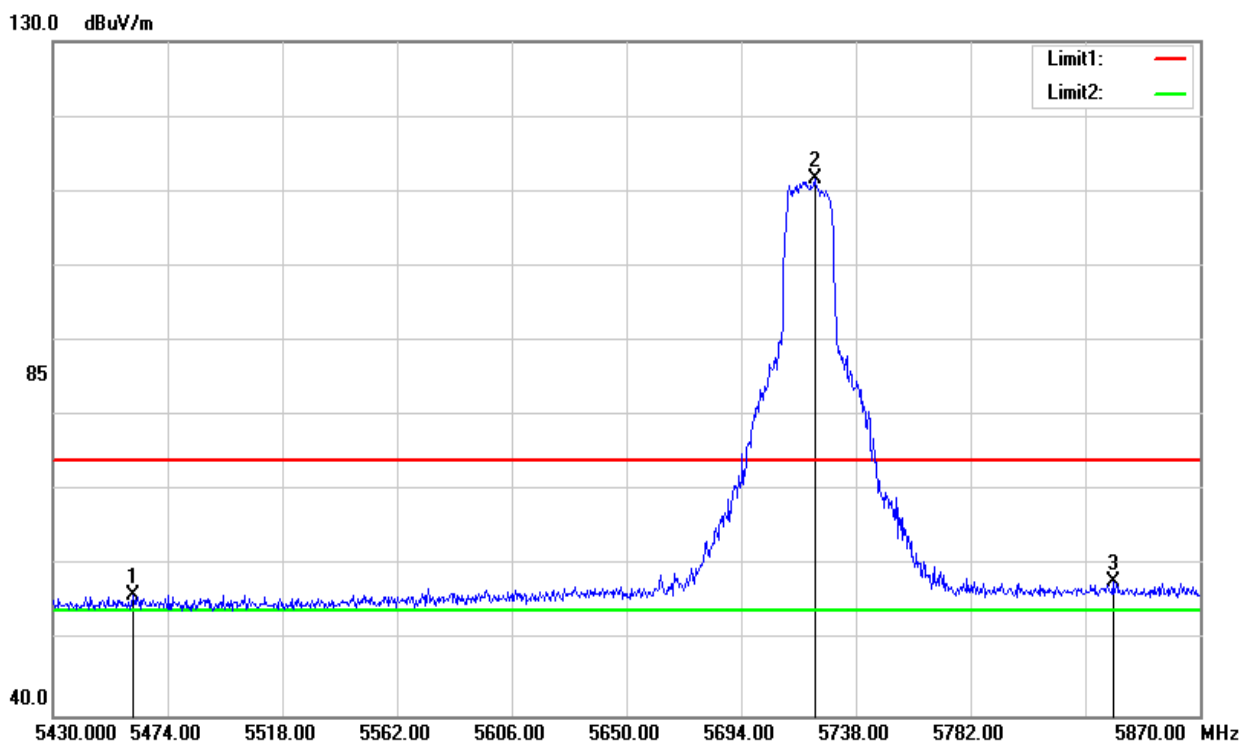
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5701.400	104.72	6.11	110.83	-	-	peak
5726.300	62.63	6.21	68.84	74.00	-5.16	peak

Test Mode	IEEE 802.11n HT20 High CH	Temperature	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Average	Test Voltage	120Vac / 60Hz



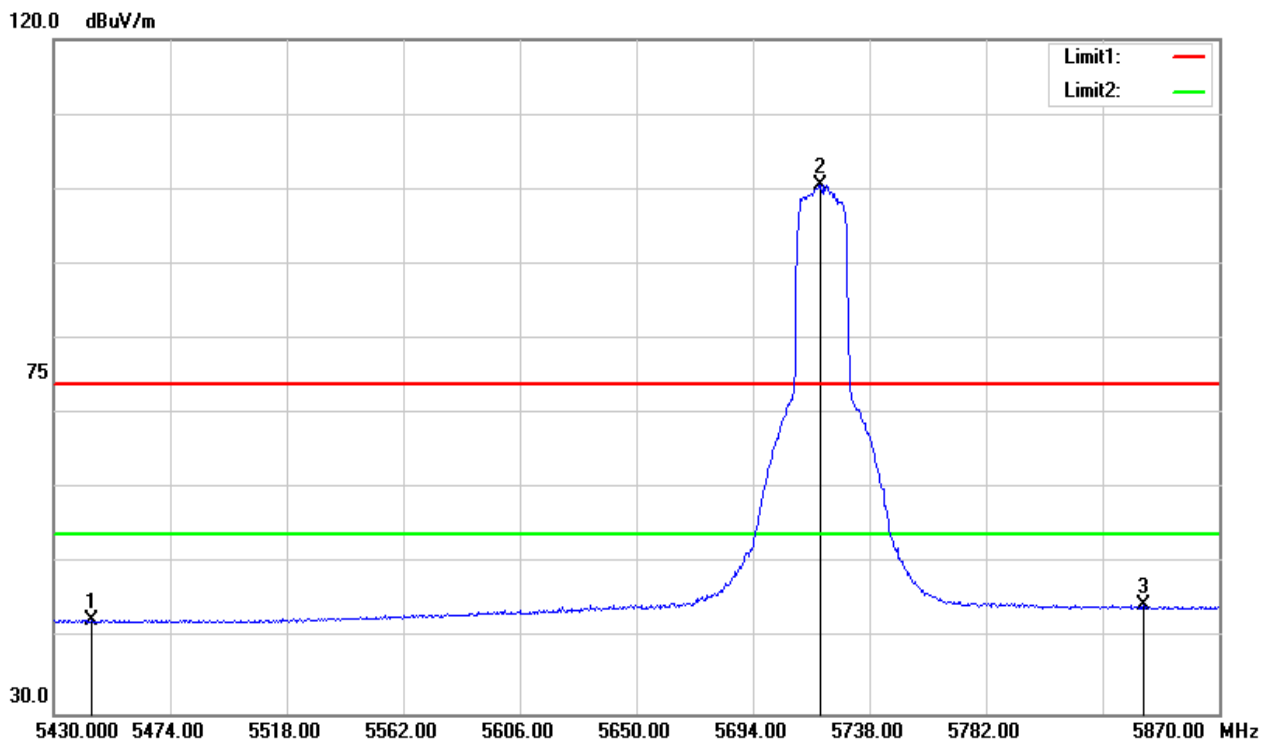
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5701.160	93.16	6.11	99.27	-	-	AVG
5725.400	44.22	6.21	50.43	54.00	-3.57	AVG

Test Mode	IEEE 802.11n HT20 Cross CH	Temp/Hum	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Peak	Test Voltage	120Vac / 60Hz



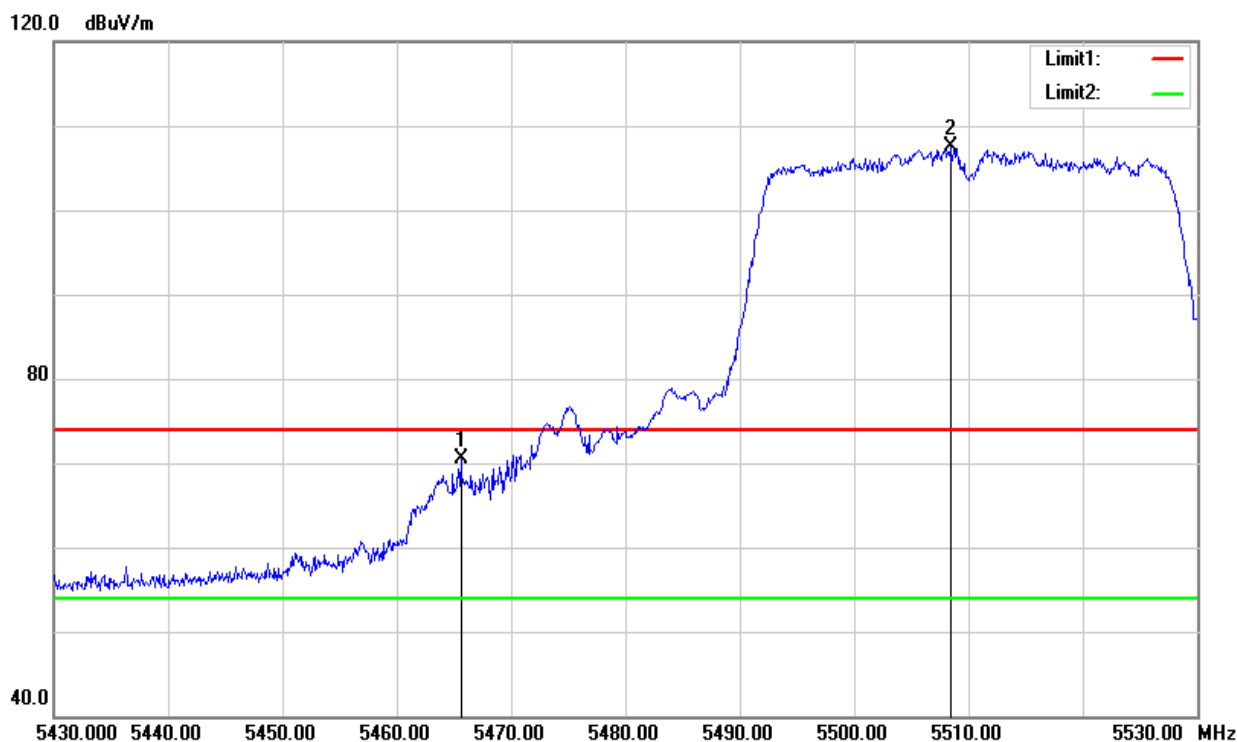
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5460.800	50.56	5.43	55.99	74.00	-18.01	peak
5722.160	105.39	6.20	111.59	-	-	peak
5836.560	51.18	6.68	57.86	74.00	-16.14	peak

Test Mode	IEEE 802.11n HT20 Cross CH	Temperature	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Average	Test Voltage	120Vac / 60Hz



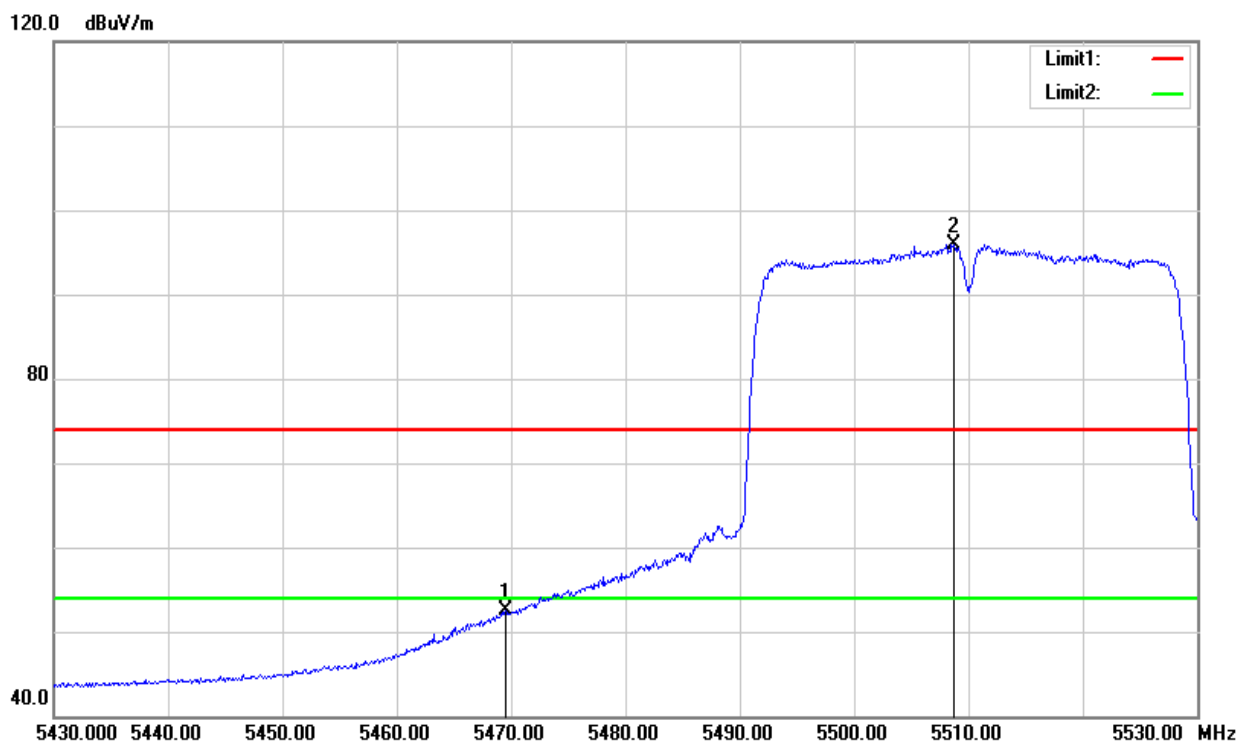
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5444.080	37.07	5.51	42.58	54.00	-11.42	AVG
5719.520	94.42	6.19	100.61	-	-	AVG
5841.400	37.72	6.70	44.42	54.00	-9.58	AVG

Test Mode	IEEE 802.11n HT40 Low CH	Temp/Hum	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Peak	Test Voltage	120Vac / 60Hz



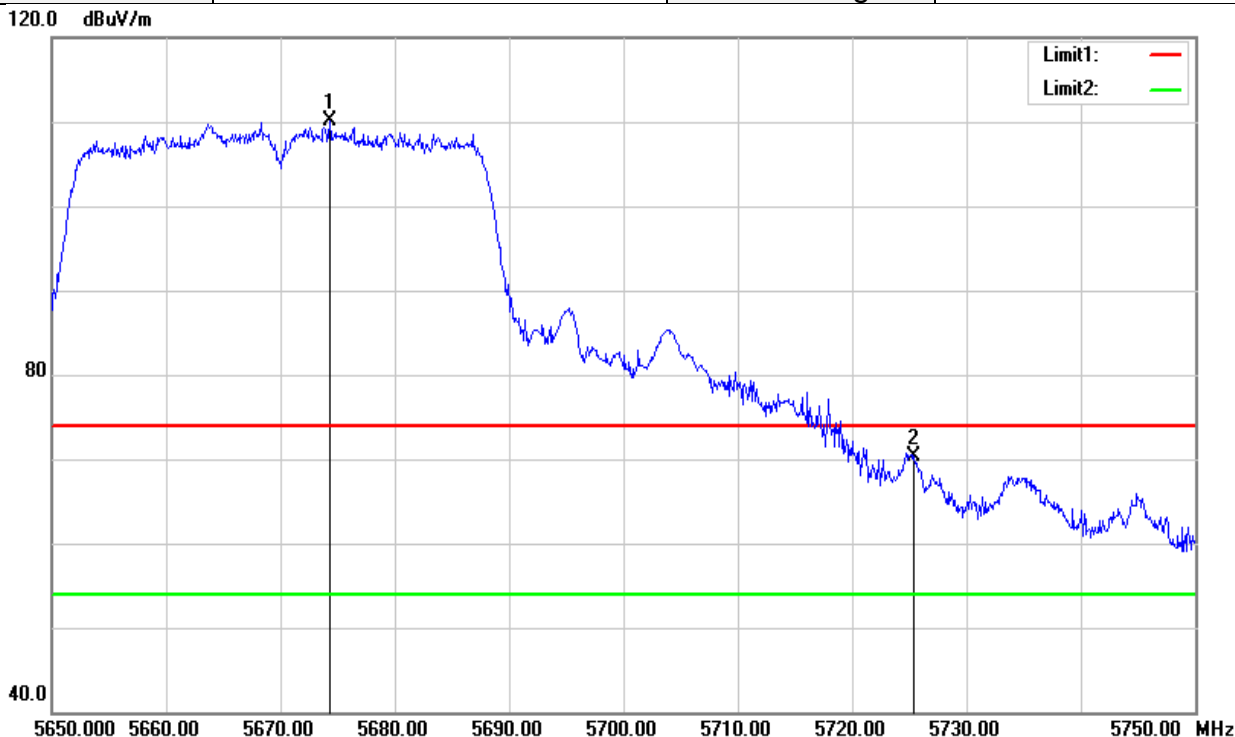
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5465.600	65.14	5.41	70.55	74.00	-3.45	peak
5508.400	102.20	5.29	107.49	-	-	peak

Test Mode	IEEE 802.11n HT40 Low CH	Temperature	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Average	Test Voltage	120Vac / 60Hz



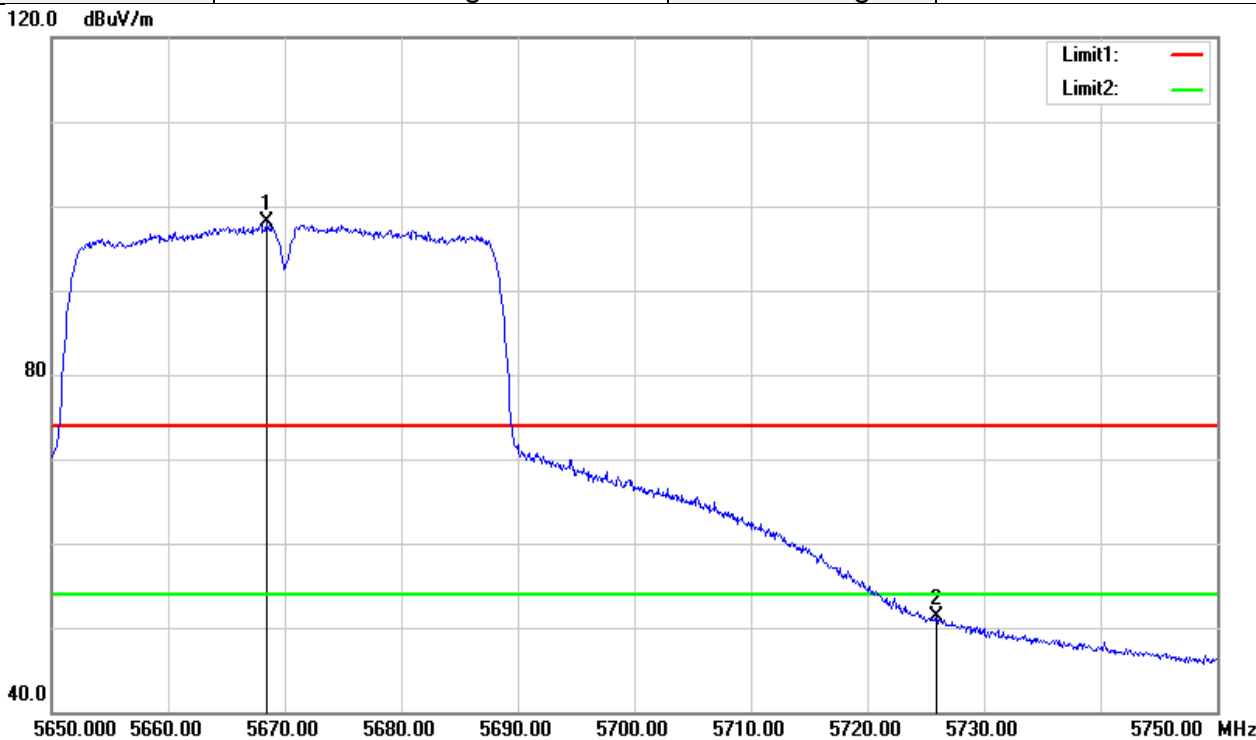
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5469.500	47.16	5.39	52.55	54.00	-1.45	AVG
5508.700	90.65	5.29	95.94	-	-	AVG

Test Mode	IEEE 802.11n HT40 High CH	Temp/Hum	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Peak	Test Voltage	120Vac / 60Hz



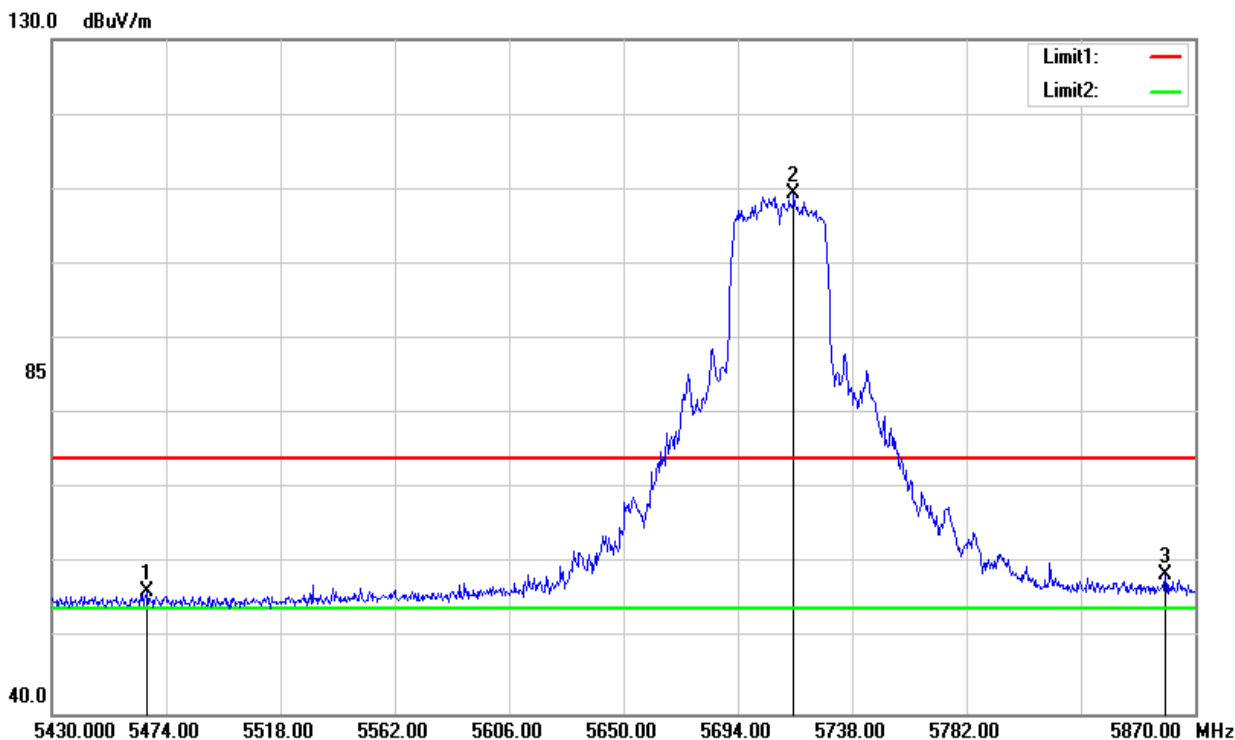
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5674.300	104.02	5.99	110.01	-	-	peak
5725.400	64.07	6.21	70.28	74.00	-3.72	peak

Test Mode	IEEE 802.11n HT40 High CH	Temperature	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Average	Test Voltage	120Vac / 60Hz



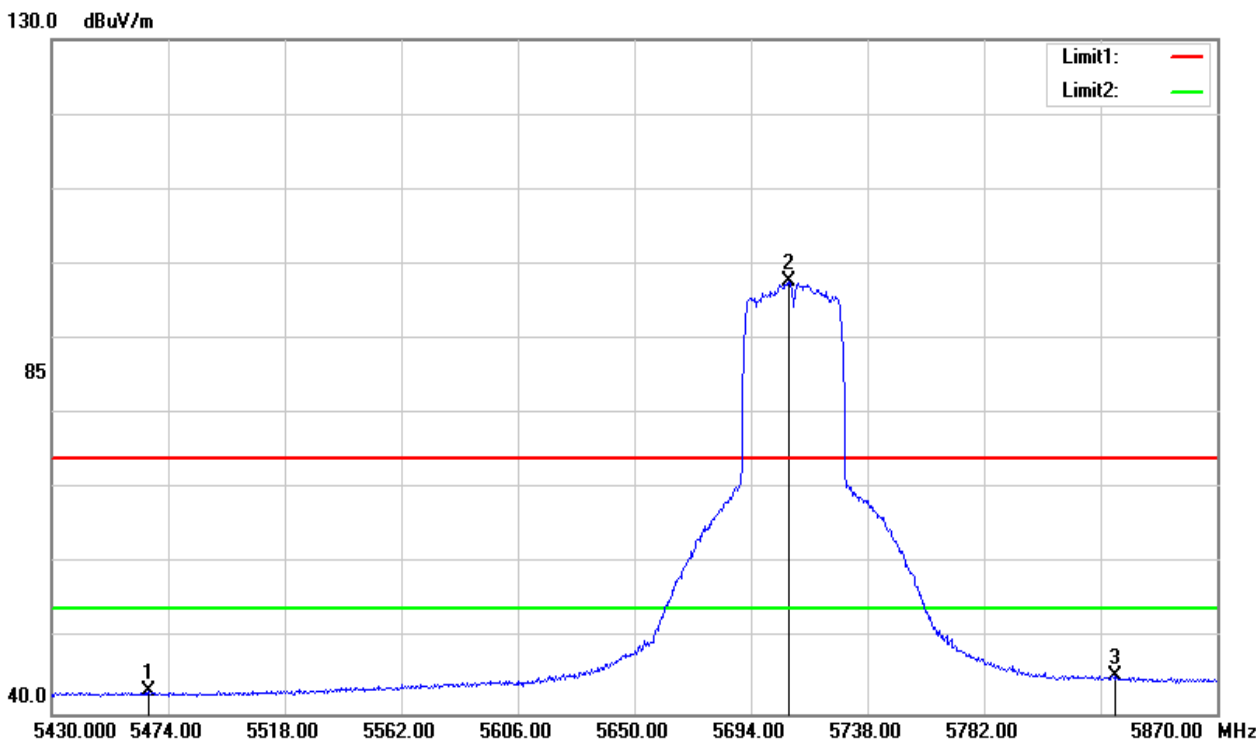
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5668.400	92.05	5.97	98.02	-	-	AVG
5725.900	45.10	6.21	51.31	54.00	-2.69	AVG

Test Mode	IEEE 802.11n HT40 Cross CH	Temp/Hum	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Peak	Test Voltage	120Vac / 60Hz



Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5466.520	51.00	5.41	56.41	74.00	-17.59	peak
5715.560	103.22	6.17	109.39	-	-	peak
5858.560	51.77	6.78	58.55	74.00	-15.45	peak

Test Mode	IEEE 802.11n HT40 Cross CH	Temperature	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Average	Test Voltage	120Vac / 60Hz

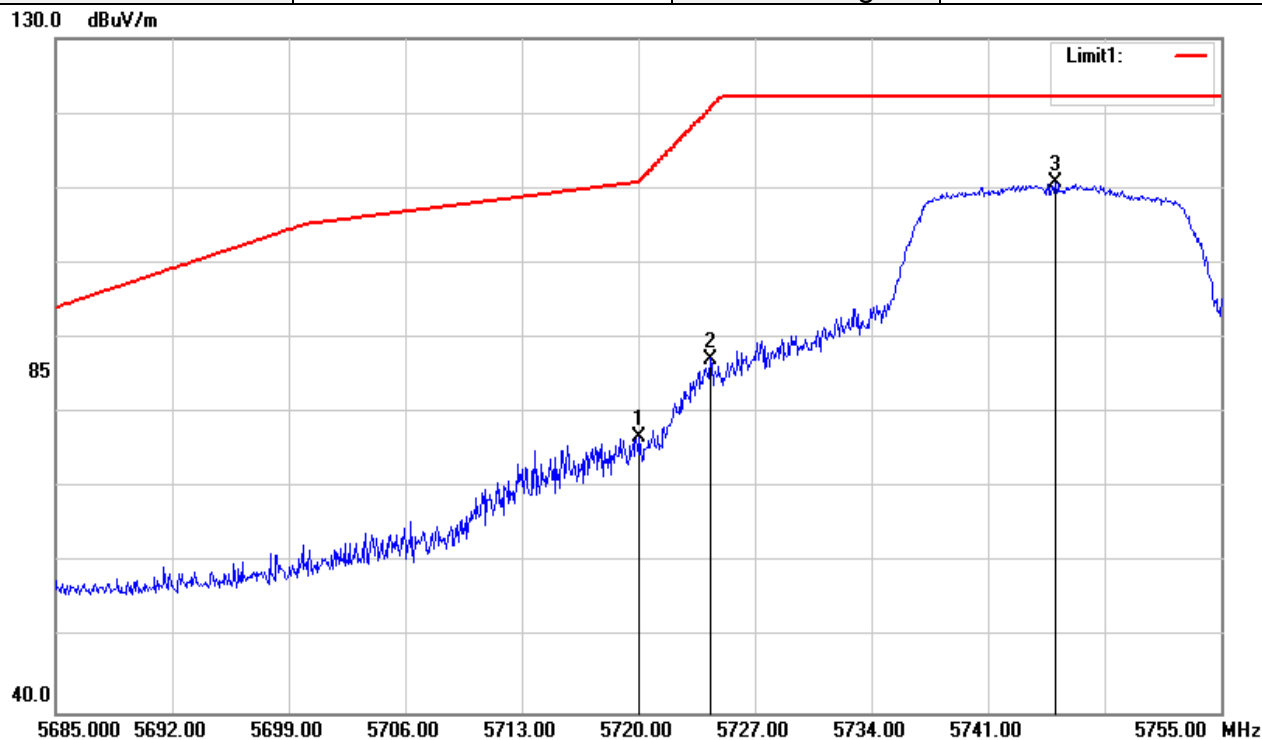


Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5466.520	37.52	5.41	42.93	54.00	-11.07	AVG
5708.080	91.49	6.14	97.63	-	-	AVG
5831.280	38.40	6.66	45.06	54.00	-8.94	AVG

Band Edge Test Data for UNII-3

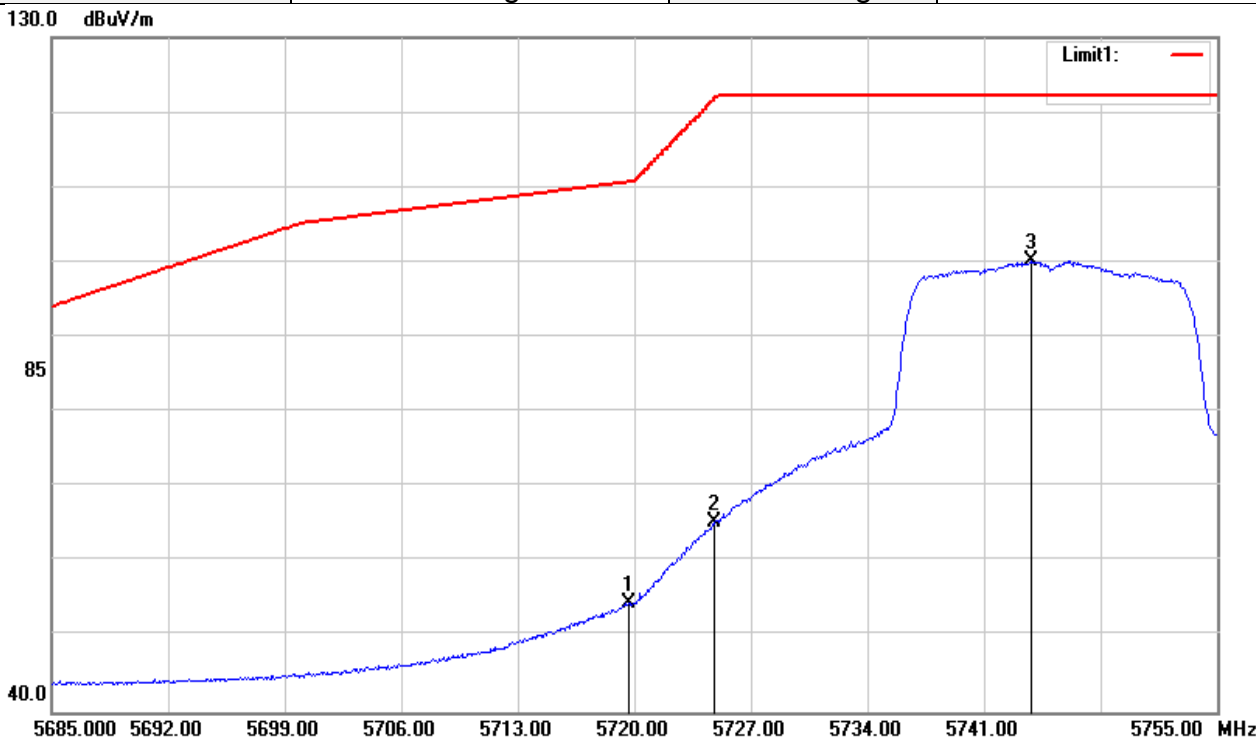
For FCC

Test Mode	IEEE 802.11a Low CH	Temp/Hum	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Peak	Test Voltage	120Vac / 60Hz



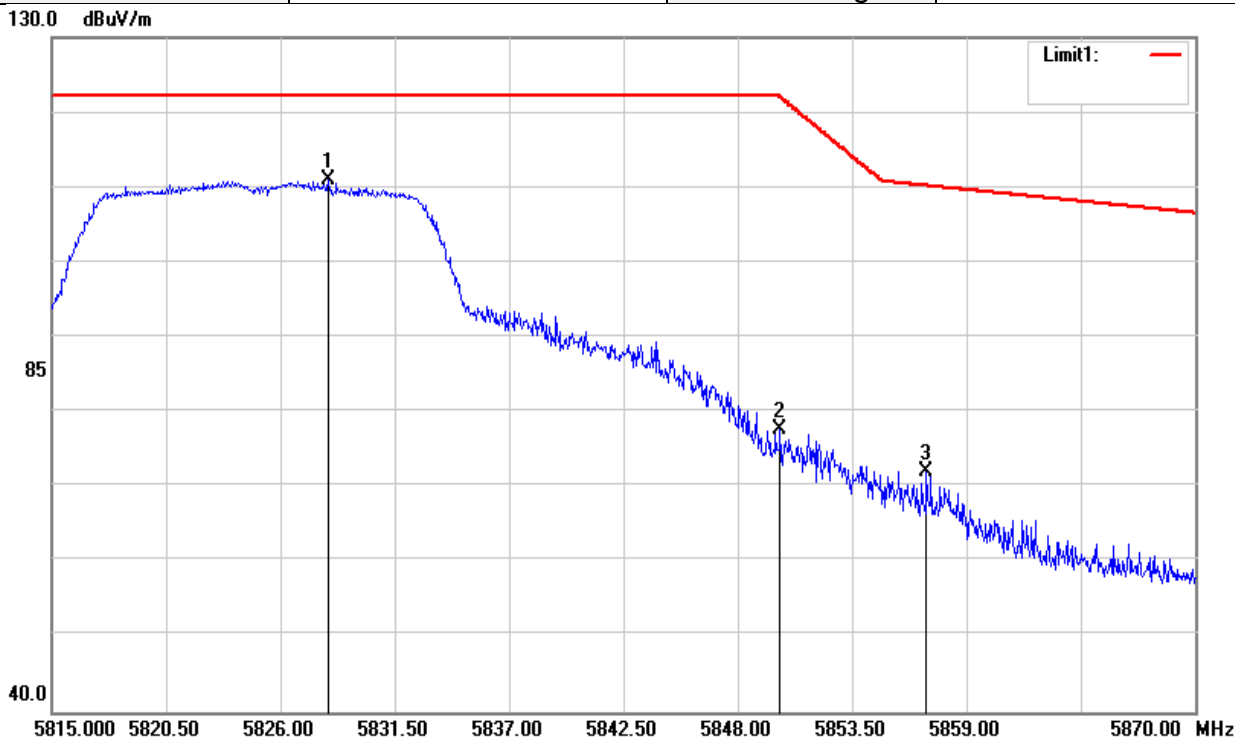
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5720.070	70.58	6.19	76.77	110.96	-34.19	peak
5724.340	81.04	6.21	87.25	120.70	-33.45	peak
5745.060	104.53	6.29	110.82	122.20	-11.38	peak

Test Mode	IEEE 802.11a Low CH	Temperature	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Average	Test Voltage	120Vac / 60Hz



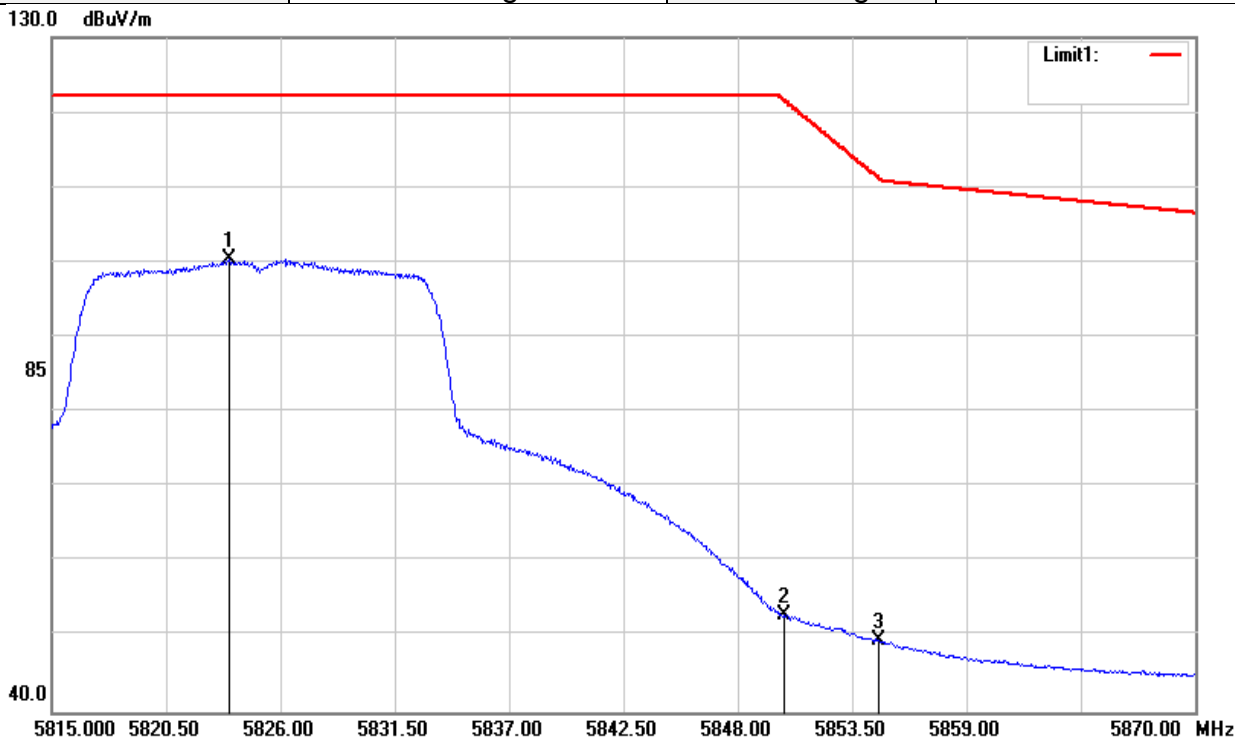
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5719.650	48.30	6.19	54.49	110.70	-56.21	AVG
5724.760	59.06	6.21	65.27	121.65	-56.38	AVG
5743.800	93.93	6.29	100.22	122.20	-21.98	AVG

Test Mode	IEEE 802.11a High CH	Temp/Hum	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Peak	Test Voltage	120Vac / 60Hz



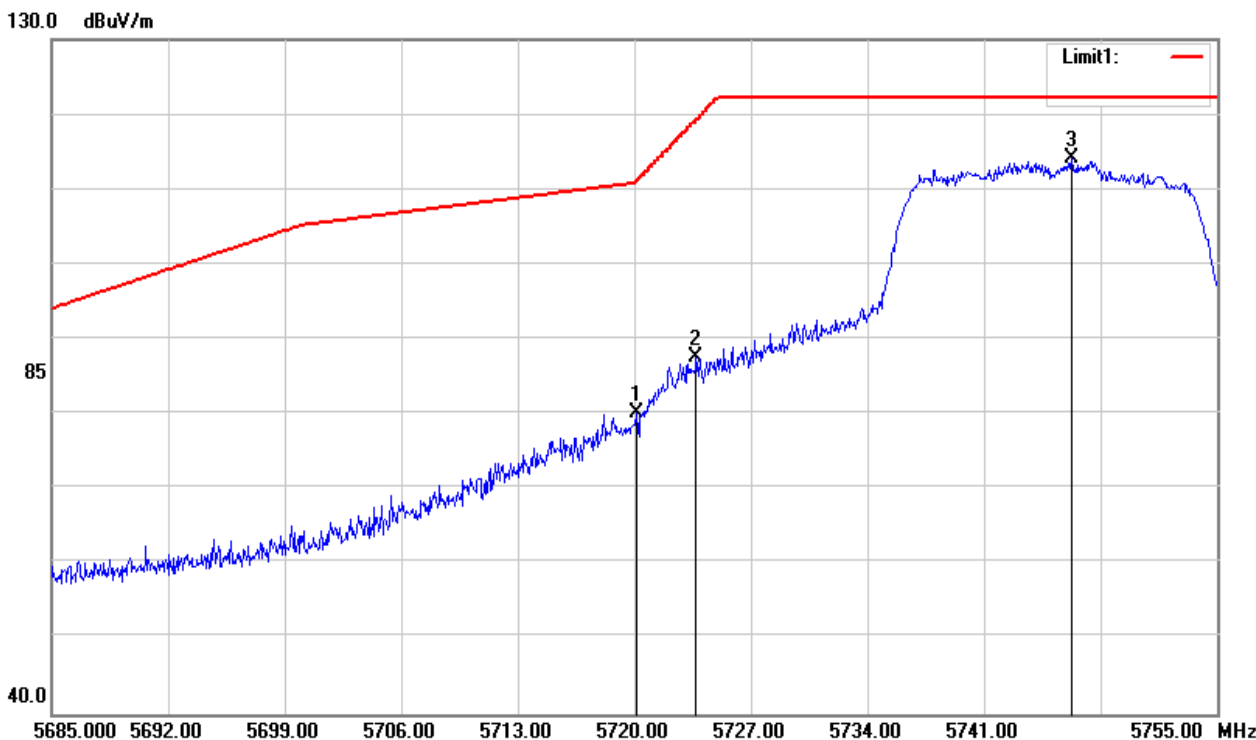
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5828.310	104.40	6.65	111.05	122.20	-11.15	peak
5850.035	71.02	6.74	77.76	122.12	-44.36	peak
5857.075	65.29	6.77	72.06	110.22	-38.16	peak

Test Mode	IEEE 802.11a High CH	Temperature	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Average	Test Voltage	120Vac / 60Hz



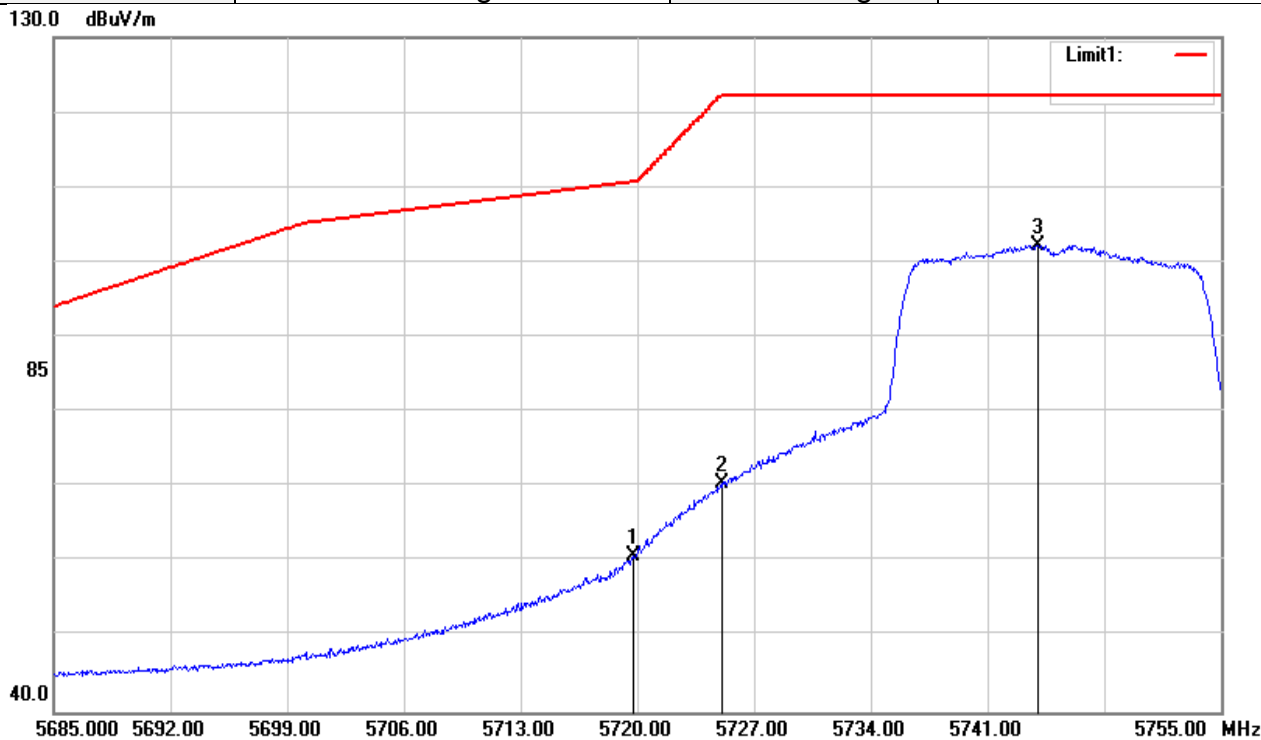
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5823.525	93.69	6.63	100.32	122.20	-21.88	AVG
5850.255	46.18	6.74	52.92	121.62	-68.70	AVG
5854.765	42.73	6.76	49.49	111.34	-61.85	AVG

Test Mode	IEEE 802.11n HT20 Low CH	Temp/Hum	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Peak	Test Voltage	120Vac / 60Hz



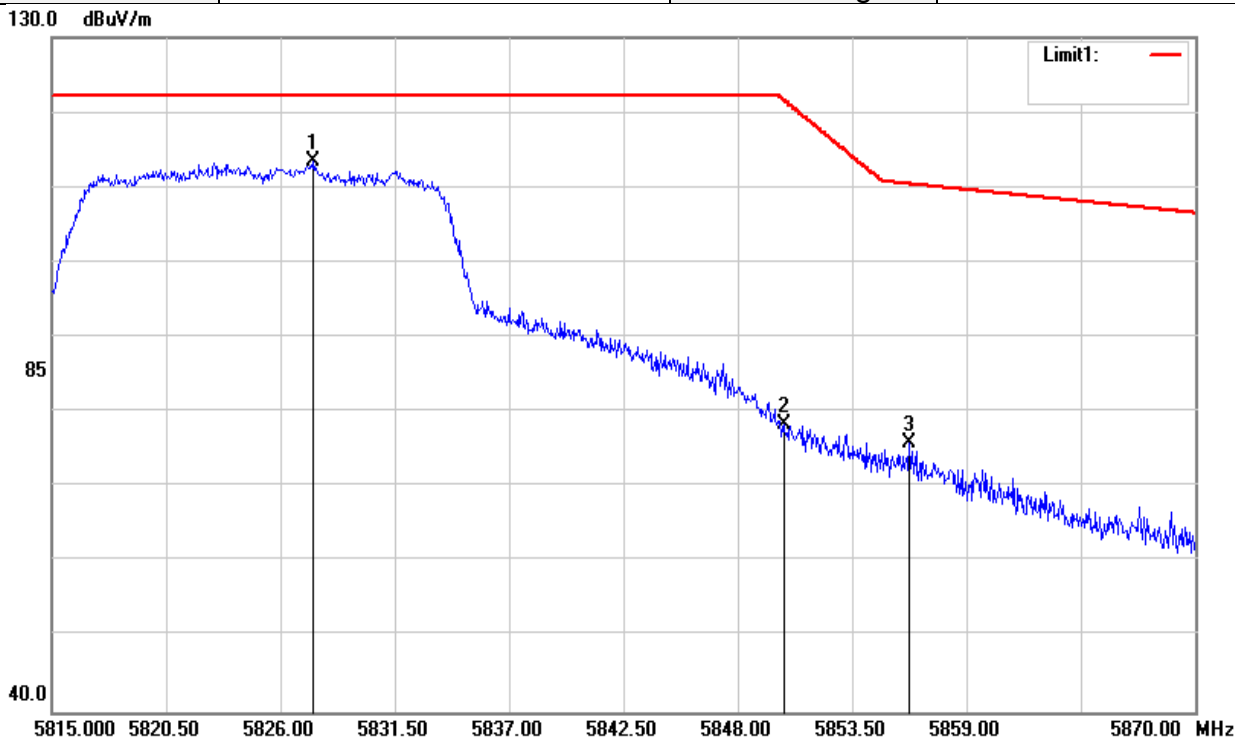
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5720.140	73.92	6.19	80.11	111.12	-31.01	peak
5723.710	81.44	6.20	87.64	119.26	-31.62	peak
5746.250	107.89	6.30	114.19	122.20	-8.01	peak

Test Mode	IEEE 802.11n HT20 Low CH	Temperature	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Average	Test Voltage	120Vac / 60Hz



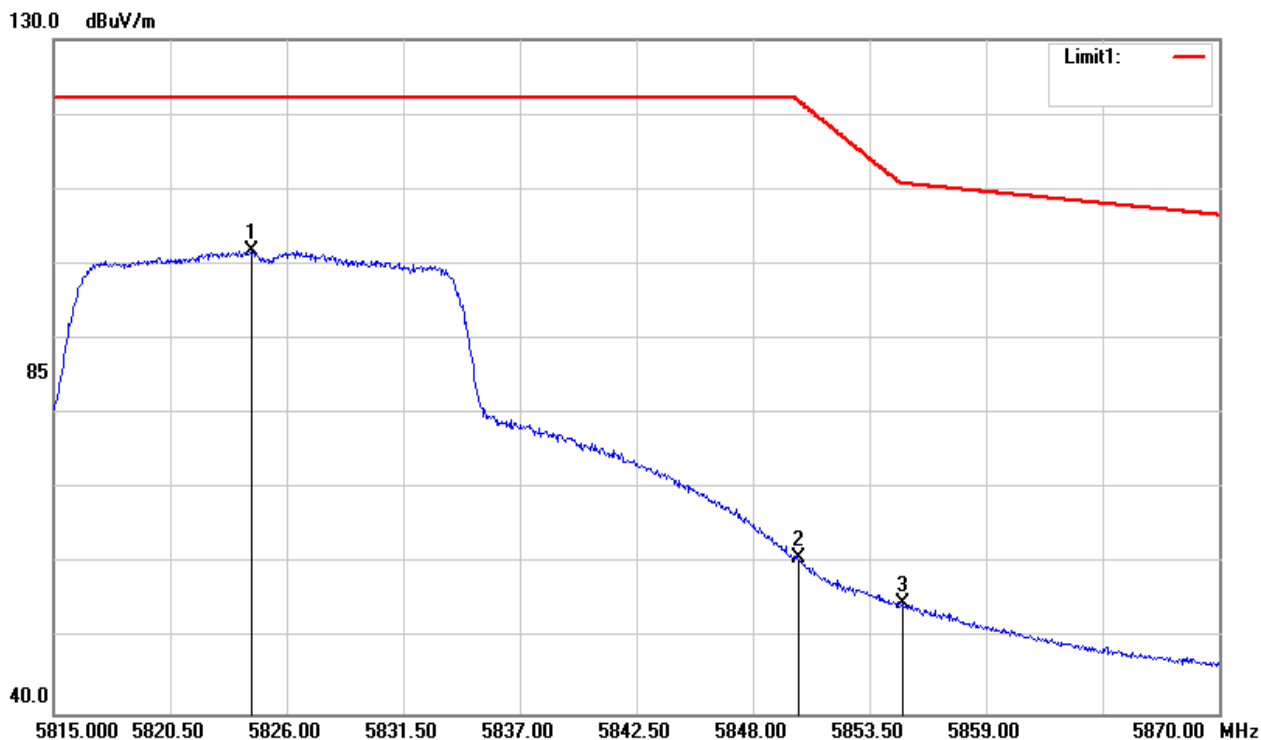
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5719.790	54.66	6.19	60.85	110.74	-49.89	AVG
5725.040	64.17	6.21	70.38	122.20	-51.82	AVG
5744.010	95.94	6.29	102.23	122.20	-19.97	AVG

Test Mode	IEEE 802.11n HT20 High CH	Temp/Hum	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Peak	Test Voltage	120Vac / 60Hz



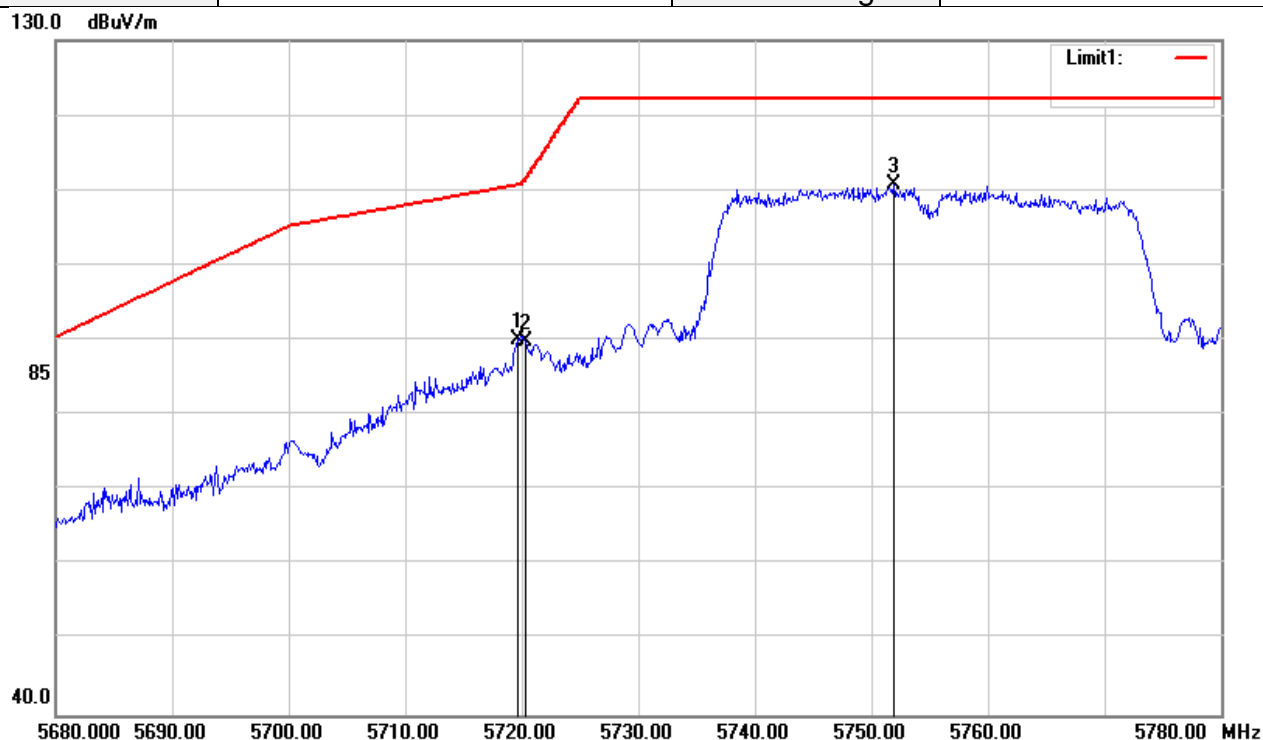
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5827.595	106.79	6.65	113.44	122.20	-8.76	peak
5850.200	71.57	6.74	78.31	121.74	-43.43	peak
5856.250	69.14	6.77	75.91	110.45	-34.54	peak

Test Mode	IEEE 802.11n HT20 High CH	Temperature	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Average	Test Voltage	120Vac / 60Hz



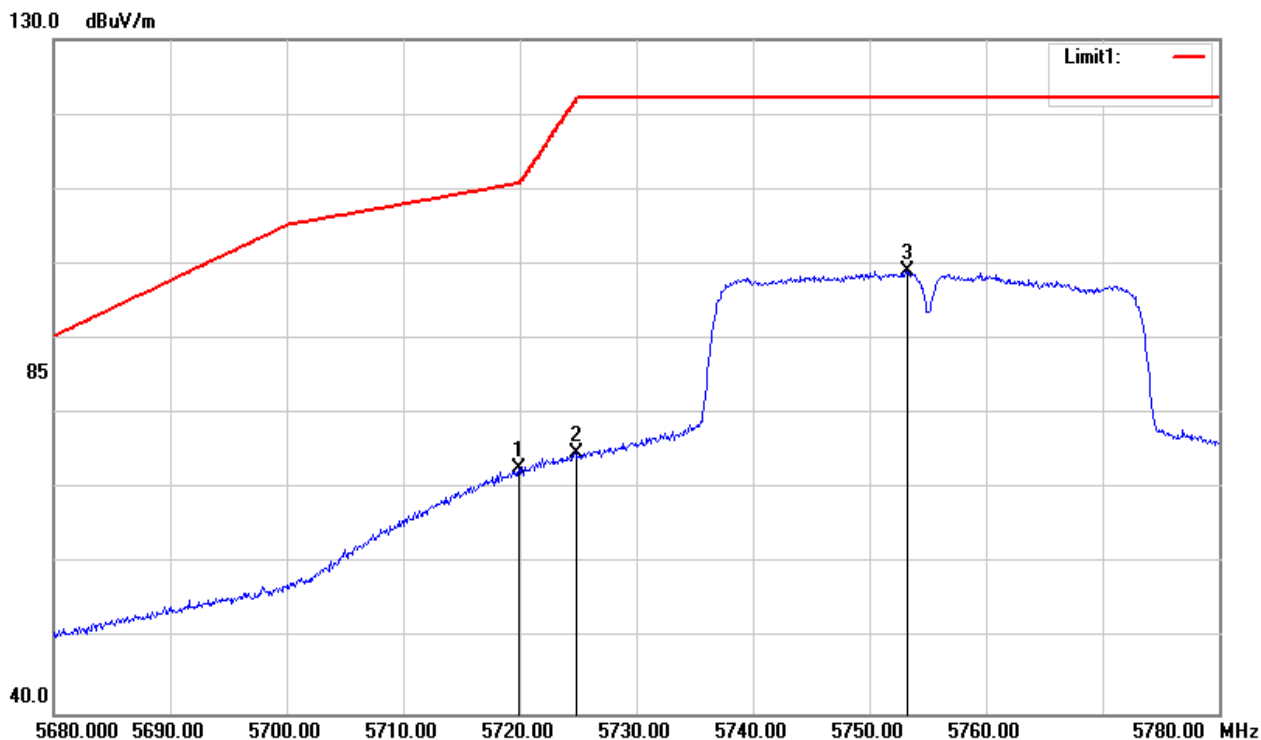
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5824.350	95.10	6.63	101.73	122.20	-20.47	AVG
5850.145	53.96	6.74	60.70	121.87	-61.17	AVG
5855.095	47.98	6.76	54.74	110.77	-56.03	AVG

Test Mode	IEEE 802.11n HT40 Low CH	Temp/Hum	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Peak	Test Voltage	120Vac / 60Hz



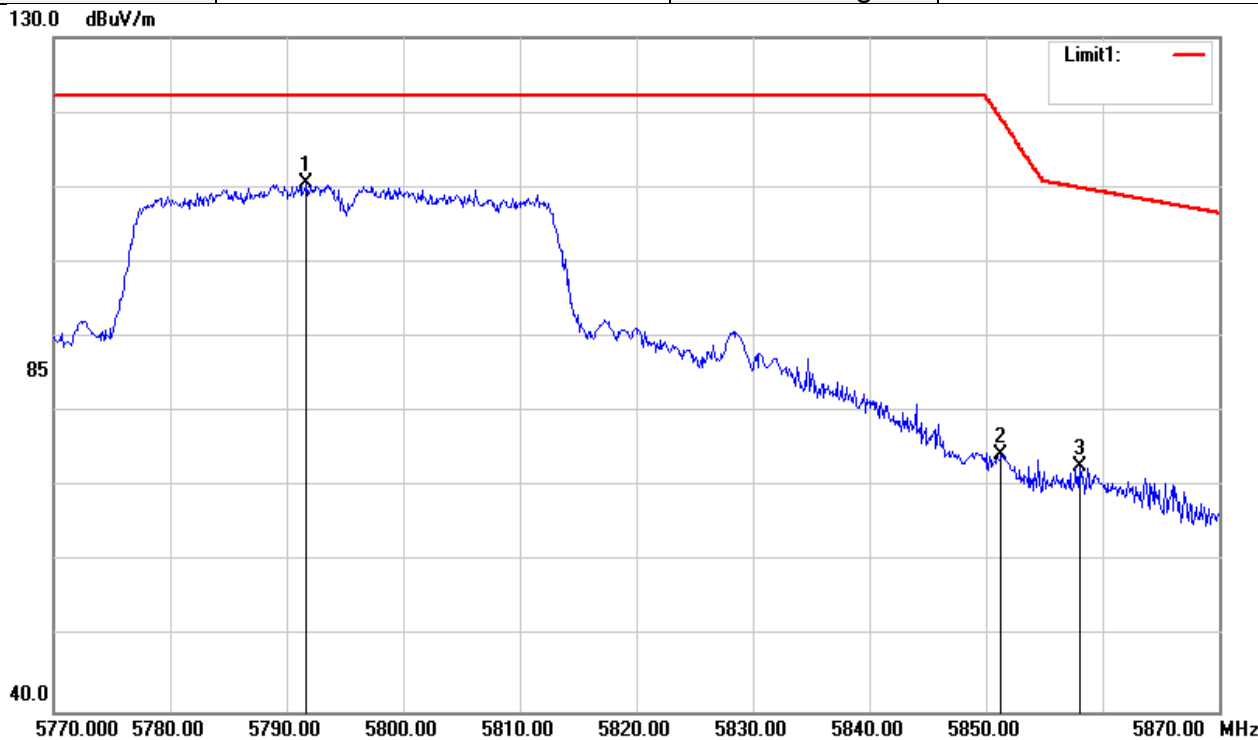
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5719.700	83.95	6.19	90.14	110.72	-20.58	peak
5720.300	83.54	6.19	89.73	111.48	-21.75	peak
5751.900	104.50	6.32	110.82	122.20	-11.38	peak

Test Mode	IEEE 802.11n HT40 Low CH	Temperature	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Average	Test Voltage	120Vac / 60Hz



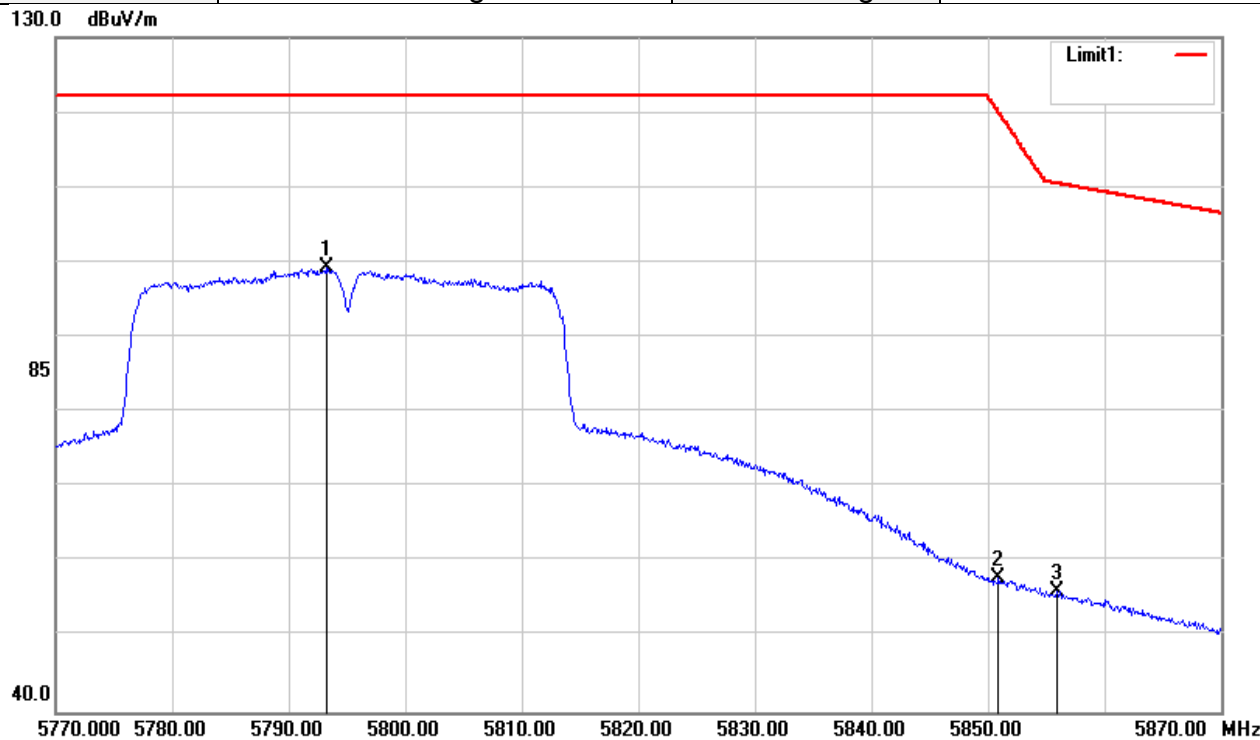
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5719.900	66.56	6.19	72.75	110.77	-38.02	AVG
5724.800	68.55	6.21	74.76	121.74	-46.98	AVG
5753.200	92.72	6.33	99.05	122.20	-23.15	AVG

Test Mode	IEEE 802.11n HT40 High CH	Temp/Hum	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Peak	Test Voltage	120Vac / 60Hz



Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5791.700	104.05	6.49	110.54	122.20	-11.66	peak
5851.300	67.56	6.75	74.31	119.24	-44.93	peak
5858.000	66.06	6.78	72.84	109.96	-37.12	peak

Test Mode	IEEE 802.11n HT40 High CH	Temperature	27(°C)/ 53%RH
Test Item	Band Edge	Test Date	Jan 26, 2017
Polarize	Horizontal	Test Engineer	Kevin Kuo
Detector	Average	Test Voltage	120Vac / 60Hz



Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
5793.200	92.80	6.50	99.30	122.20	-22.90	AVG
5850.900	51.18	6.74	57.92	120.15	-62.23	AVG
5855.900	49.31	6.77	56.08	110.55	-54.47	AVG