

4.3 OUTPUT POWER MEASUREMENT

4.3.1 Test Limit

According to §15.407 (a)(1), 15.407(a)(2) and 15.407(a)(3), and RSS-247 section 6.2.1.1, section 6.2.2.1, section 6.2.3.1 and section 6.2.4.1

FCC:

UNII-1 :

For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW(24 dBm), whichever power is less. B is the 99% emission bandwidth in megahertz, provided the maximum antenna gain does not exceed 6 dBi. In addition, 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-2a and 2c:

the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. and The maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log_{10} B$, dBm, whichever power is less. B is the 99% emission bandwidth in MHz. 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.

IC:**UNII-1 :**

For OEM devices installed in vehicles, the maximum e.i.r.p. shall not exceed 30 mW or $1.76 + 10 \log_{10} B$, dBm, whichever is less. Devices shall implement transmitter power control (TPC) in order to have the capability to operate at least 3 dB below the maximum permitted e.i.r.p. of 30 mW.

For other devices, the maximum e.i.r.p. shall not exceed 200 mW or $10 + 10 \log_{10} B$, dBm, whichever power is less. B is the 99% emission bandwidth in megahertz. The e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band.

UNII-2a and 2c:

For OEM devices installed in vehicles, the maximum e.i.r.p. shall not exceed 30 mW or $1.76 + 10 \log_{10} B$, dBm, whichever is less. Devices shall implement TPC in order to have the capability to operate at least 3 dB below the maximum permitted e.i.r.p. of 30 mW.

Devices, other than devices installed in vehicles, shall comply with the following:

The maximum conducted output power shall not exceed 250 mW or $11 + 10 \log_{10} B$, dBm, whichever is less. The power spectral density shall not exceed 11 dBm in any 1.0 MHz band;

The maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log_{10} B$, dBm, whichever is less. B is the 99% emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

UNII-2c (5470-5600 MHz and 5650-5725 MHz)

The maximum conducted output power shall not exceed 250 mW or $11 + 10 \log_{10} B$, dBm, whichever is less. The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

The maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log_{10} B$, dBm, whichever is less. B is the 99% emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

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.

UNII-1 Limit	☒ Antenna not exceed 6 dBi : 24dBm ☐ Antenna with DG greater than 6 dBi : [Limit = 24 – (DG – 6)]
UNII-2a/2c Limit	☒ Antenna not exceed 6 dBi : 24dBm ☐ Antenna with DG greater than 6 dBi : [Limit = 24 – (DG – 6)]
UNII-3 Limit	☒ Antenna not exceed 6 dBi : 30dBm ☐ Antenna with DG greater than 6 dBi : [Limit = 30 – (DG – 6)]

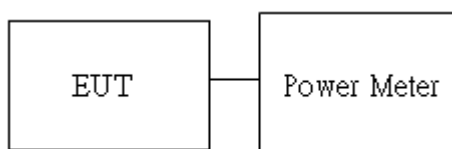
4.3.2 Test Procedure

Test method Refer as KDB 789033 D02, Section E.3.b for BW 20MHz and 40MHz, E.2.b for BW 80MHz.

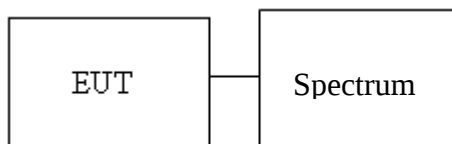
1. The EUT RF output connected to the power meter or spectrum by RF cable.
2. Setting maximum power transmit of EUT.
3. The path loss was compensated to the results for each measurement.
4. Measure and record the result of Average output power. in the test report.

4.3.3 Test Setup

For BW 20MHz and 40MHz



For BW 80MHz



4.3.4 Test Result

Conducted output power :

UNII-1										
Config	CH	Freq. (MHz)	Power Set	AV Power (dBm)	ERP AV Total Power (dBm)	AV Total Power (W)	ERP AV Total Power (W)	DG (dBi)	Limit (dBm)	ERP Limit (dBm)
IEEE 802.11a Data rate: 6Mbps	36	5180	48	16.84	20.84	0.0483	0.1213	4	24	23
	44	5220	48	16.79	20.79	0.0478	0.1199			
	48	5240	48	17.13	21.13	0.0516	0.1297			
IEEE 802.11n HT20 Data rate: MCS0	36	5180	48	17.12	21.12	0.0515	0.1294			
	44	5220	48	17.38	21.38	0.0547	0.1374			
	48	5240	48	16.98	20.98	0.0499	0.1253			
IEEE 802.11n HT40 Data rate: MCS0	38	5190	48	17.45	21.45	0.0556	0.1396			
	46	5230	48	17.70	21.70	0.0589	0.1479			
IEEE 802.11ac VHT80 Data rate: MCS0	42	5210	48	16.81	20.81	0.0480	0.1205			



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UNII-2a										
Config	CH	Freq. (MHz)	Power Set	AV Power (dBm)	ERP AV Total Power (dBm)	AV Total Power (W)	ERP AV Total Power (W)	DG (dBi)	Limit (dBm)	ERP Limit (dBm)
IEEE 802.11a Data rate: 6Mbps	52	5260	48	17.18	21.18	0.0522	0.1312	4	24	30
	56	5280	48	17.12	21.12	0.0515	0.1294			
	64	5320	48	17.28	21.28	0.0535	0.1343			
IEEE 802.11n HT20 Data rate: MCS0	52	5260	48	17.70	21.70	0.0589	0.1479			
	56	5280	48	17.60	21.60	0.0575	0.1445			
	64	5320	48	17.53	21.53	0.0566	0.1422			
IEEE 802.11n HT40 Data rate: MCS0	54	5270	48	18.01	22.01	0.0632	0.1589			
	62	5310	48	17.92	21.92	0.0619	0.1556			
IEEE 802.11ac VHT80 Data rate: MCS0	58	5290	48	17.53	21.53	0.0566	0.1422			



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UNII-2c										
Config	CH	Freq. (MHz)	Power Set	AV Power (dBm)	ERP AV Total Power (dBm)	AV Total Power (W)	ERP AV Total Power (W)	DG (dBi)	Limit (dBm)	ERP Limit (dBm)
IEEE 802.11a Data rate: 6Mbps	100	5500	48	16.72	20.72	0.0470	0.1180	4	24	30
	116	5580	48	17.03	21.03	0.0505	0.1268			
	140	5700	48	17.41	21.41	0.0551	0.1384			
IEEE 802.11n HT20 Data rate: MCS0	100	5500	48	17.28	21.28	0.0535	0.1343			
	116	5580	48	16.95	20.95	0.0495	0.1245			
	140	5700	48	17.50	21.50	0.0562	0.1413			
IEEE 802.11n HT40 Data rate: MCS0	102	5510	48	17.51	21.51	0.0564	0.1416			
	110	5550	48	17.48	21.48	0.0560	0.1406			
	134	5670	48	17.74	21.74	0.0594	0.1493			
IEEE 802.11ac VHT80 Data rate: MCS0	106	5530	48	17.00	21.00	0.0501	0.1259			



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UNII-3							
Config	CH	Freq. (MHz)	Power Set	AV Power (dBm)	AV Total Power (W)	DG (dBi)	Limit (dBm)
IEEE 802.11a Data rate: 6Mbps	149	5745	48	16.61	0.0458	4	30
	157	5785	48	16.01	0.0399		
	165	5825	48	15.45	0.0351		
IEEE 802.11n HT20 Data rate: MCS0	149	5745	48	16.30	0.0427		
	157	5785	48	16.95	0.0495		
	165	5825	48	16.12	0.0409		
IEEE 802.11n HT40 Data rate: MCS0	151	5755	48	16.31	0.0428		
	159	5795	48	15.81	0.0381		
IEEE 802.11ac VHT80 Data rate: MCS0	155	5775	48	15.52	0.0356		

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)

According to RSS-247 section 6.2.1.1, section 6.2.2.1, section 6.2.3.1 and section 6.2.4.1

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.

UNII-1 Limit	☒ Antenna not exceed 6 dBi : 11 dBm ☐ Antenna with DG greater than 6 dBi : [Limit = 11 – (DG – 6)]
UNII-2a Limit	☒ Antenna not exceed 6 dBi : 11 dBm ☐ Antenna with DG greater than 6 dBi : [Limit = 11 – (DG – 6)]
UNII-2c Limit	☒ Antenna not exceed 6 dBi : 11 dBm ☐ Antenna with DG greater than 6 dBi : [Limit = 11 – (DG – 6)]
UNII-3 Limit	☒ Antenna not exceed 6 dBi : 30 dBm ☐ Antenna with DG greater than 6 dBi : [Limit = 30 – (DG – 6)]

4.4.2 Test Procedure

Test method Refer as KDB 789033 D02

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)	FCC Limit (dBm)	IC Limit (dBm)
Low	5180	0.690	-	0.690	11	10
Mid	5220	0.778	-	0.778		
High	5240	0.218	-	0.218		
Test mode: IEEE 802.11n HT20 mode						
Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	Total PPSD (dBm)	FCC Limit (dBm)	IC Limit (dBm)
Low	5180	-3.405	-	0.218	11	10
Mid	5220	-3.261	-	-3.261		
High	5240	-2.952	-	-2.952		
Test mode: IEEE 802.11n HT40 mode						
Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	Total PPSD (dBm)	FCC Limit (dBm)	IC Limit (dBm)
Low	5190	-4.450	-	-4.450	11	10
High	5230	-4.522	-	-4.522		
Test mode: IEEE 802.11ac VHT80 mode						
Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	Total PPSD (dBm)	FCC Limit (dBm)	IC Limit (dBm)
Mid	5210	-5.186	-	-5.186	11	10

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	0.986	-	0.986	11
Mid	5280	-0.15	-	-0.15	
High	5320	1.066	-	1.066	
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	-2.052	-	-2.052	11
Mid	5280	-0.17	-	-0.17	
High	5320	-2.841	-	-2.841	
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	-2.329	-	-2.329	11
High	5310	-2.549	-	-2.549	
Test mode: IEEE 802.11ac VHT80 mode					
Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	Total PPSD (dBm)	Limit (dBm)
Mid	5290	-4.749	-	-4.749	11

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	0.400	-	0.400	11
Mid	5580	0.701	-	0.701	
High	5700	0.803	-	0.803	
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	-2.938	-	-2.938	11
Mid	5580	-3.032	-	-3.032	
High	5700	-2.619	-	-2.619	
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	-2.555	-	-2.555	11
Mid	5550	-2.607	-	-2.607	
High	5670	-2.485	-	-2.485	
Test mode: IEEE 802.11ac VHT80 mode					
Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	Total PPSD (dBm)	Limit (dBm)
Mid	5530	-4.714	-	-4.714	11

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	-3.164	-	-3.164	30
Mid	5785	-3.705	-	-3.705	
High	5825	-4.359	-	-4.359	
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	-6.586	-	-6.586	30
Mid	5785	-7.064	-	-7.064	
High	5825	-7.624	-	-7.624	
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	-6.307	-	-6.307	30
High	5795	-6.397	-	-6.397	
Test mode: IEEE 802.11ac VHT80 mode					
Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	Total PPSD (dBm)	Limit (dBm)
Mid	5775	-8.585	-	-8.585	30

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Test Data

UNII-1 IEEE 802.11a mode- chain 0

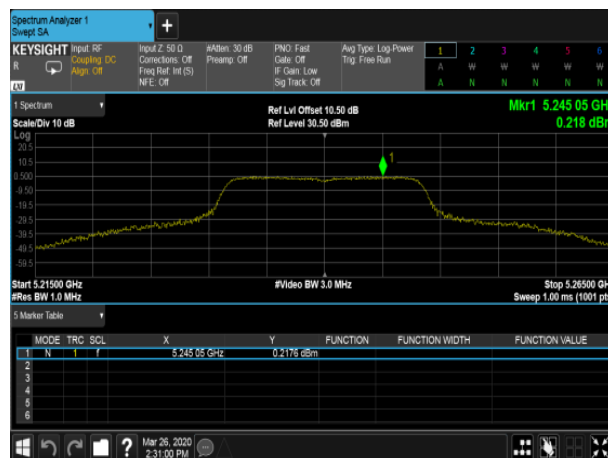
Low CH



Mid CH



High CH



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UNII-1 IEEE 802.11n HT20 mode- chain 0

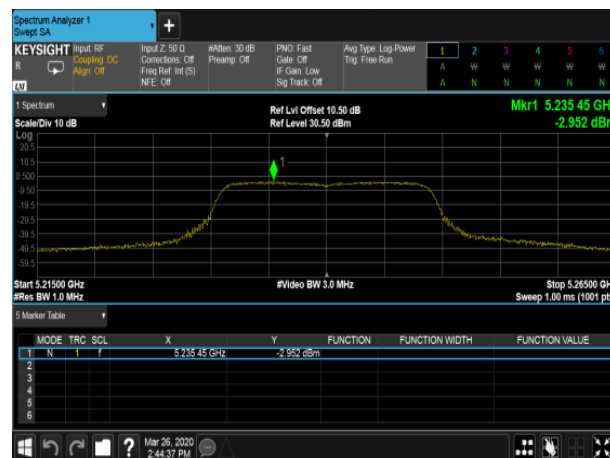
Low CH



Mid CH



High CH



UNII-1 IEEE 802.11n HT40 mode- chain 0

Low CH



High CH



UNII-1 IEEE 802.11ac VHT80 mode- chain 0

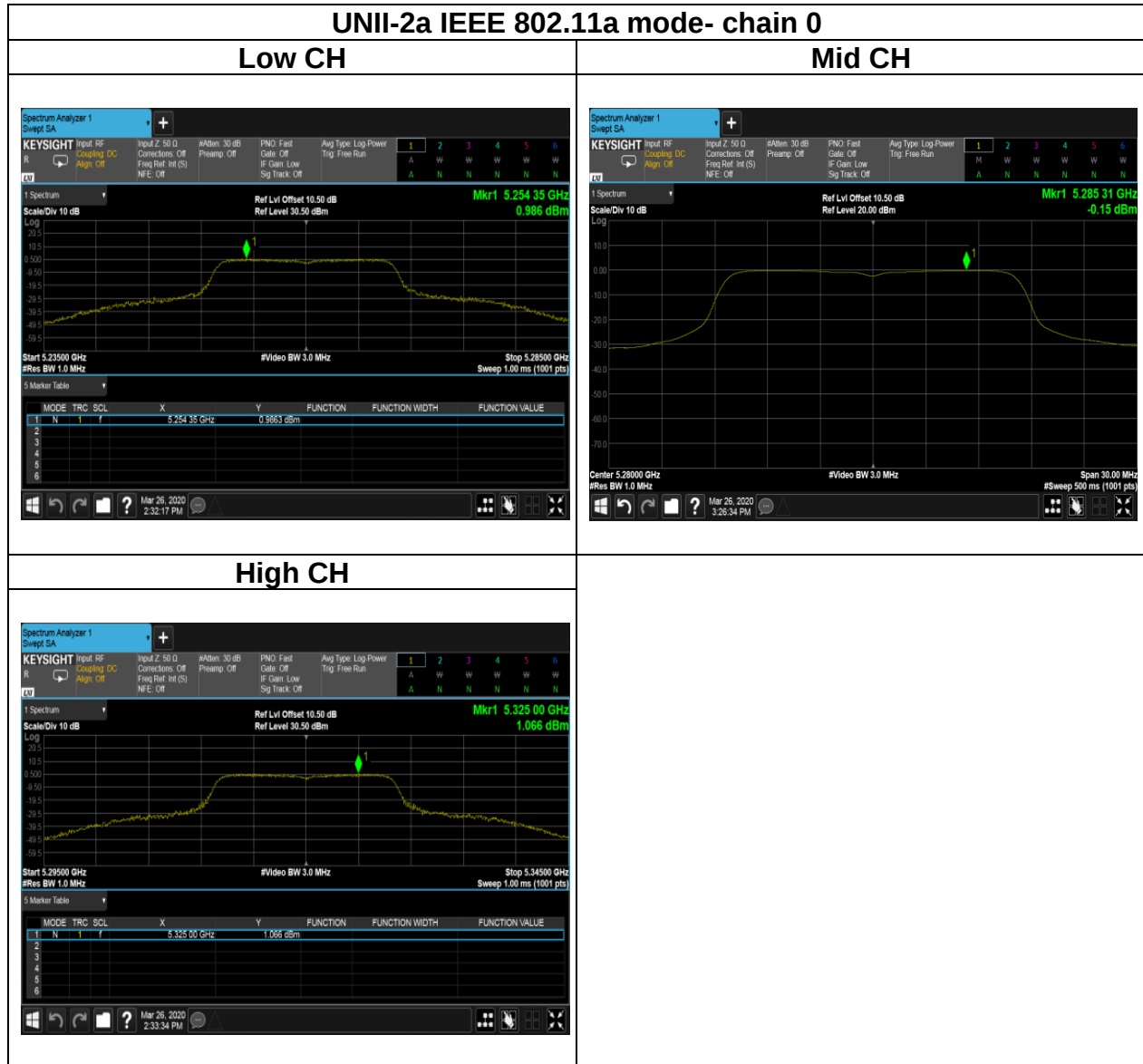
Mid CH





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Test Data

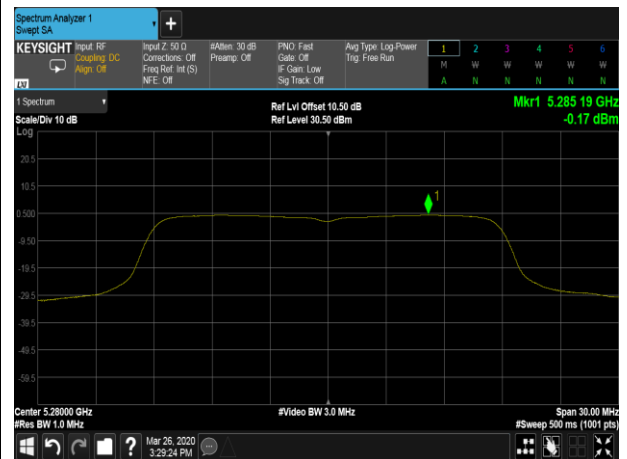


UNII-2a IEEE 802.11n HT20 mode- chain 0

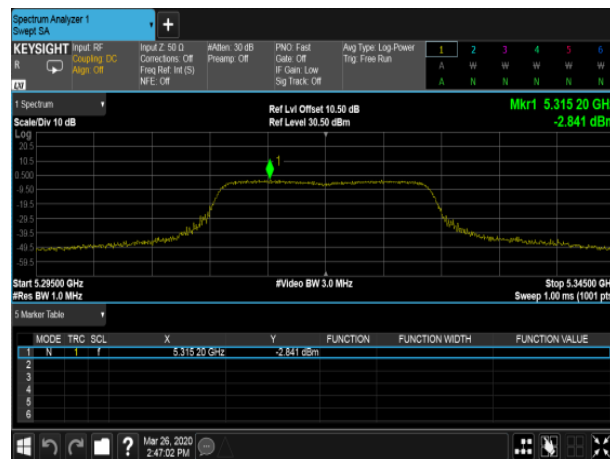
Low CH



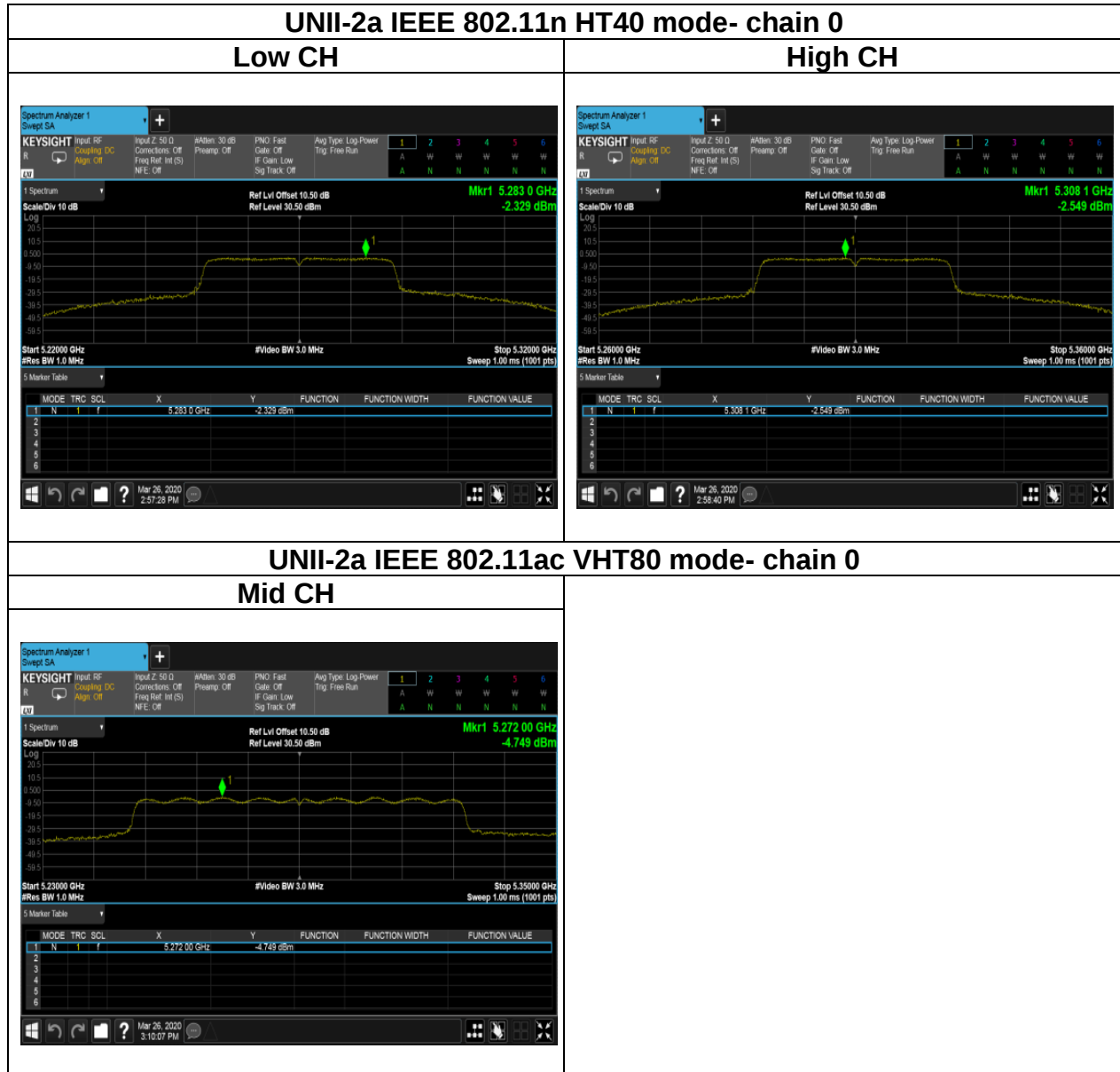
Mid CH



High CH

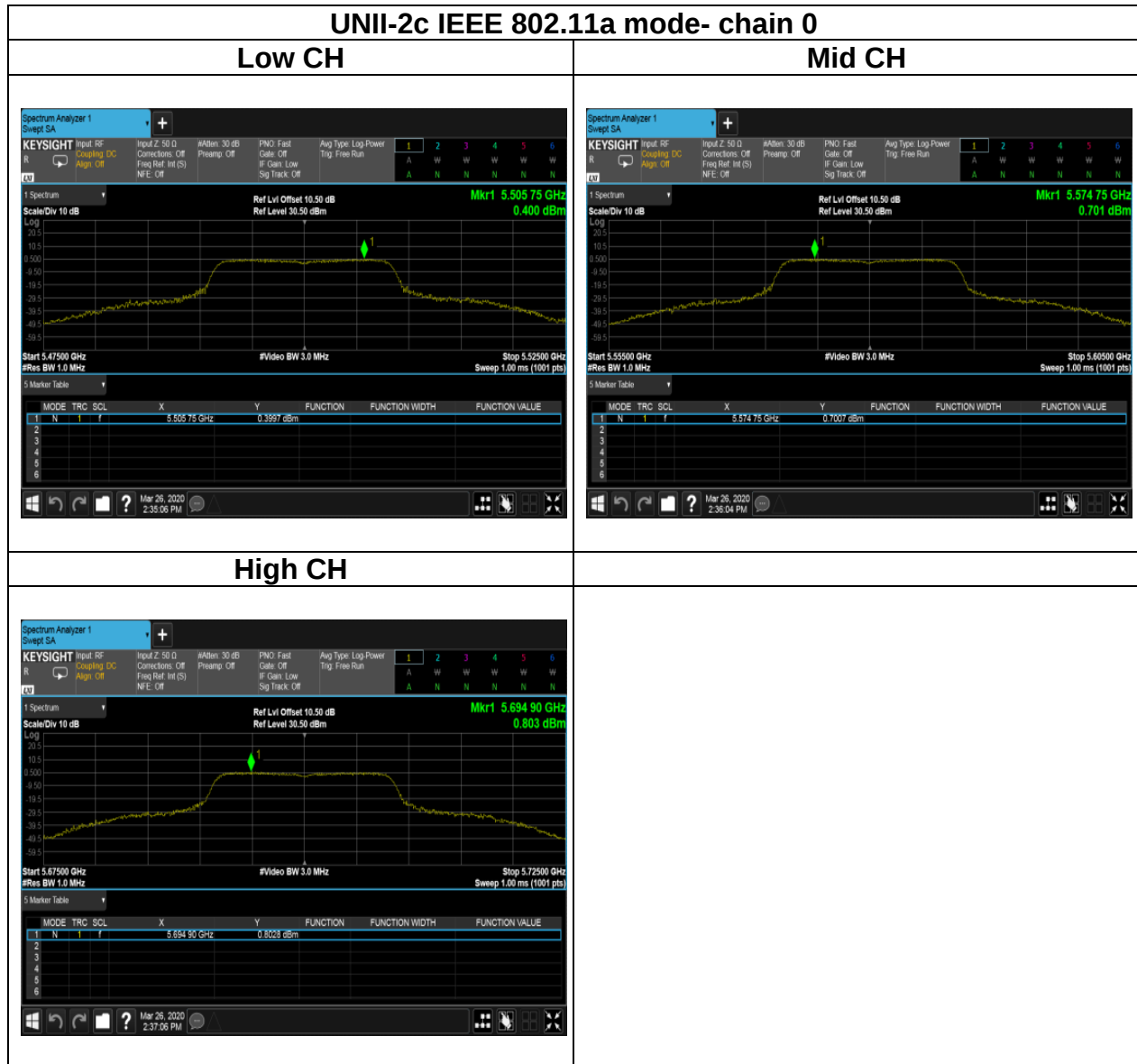


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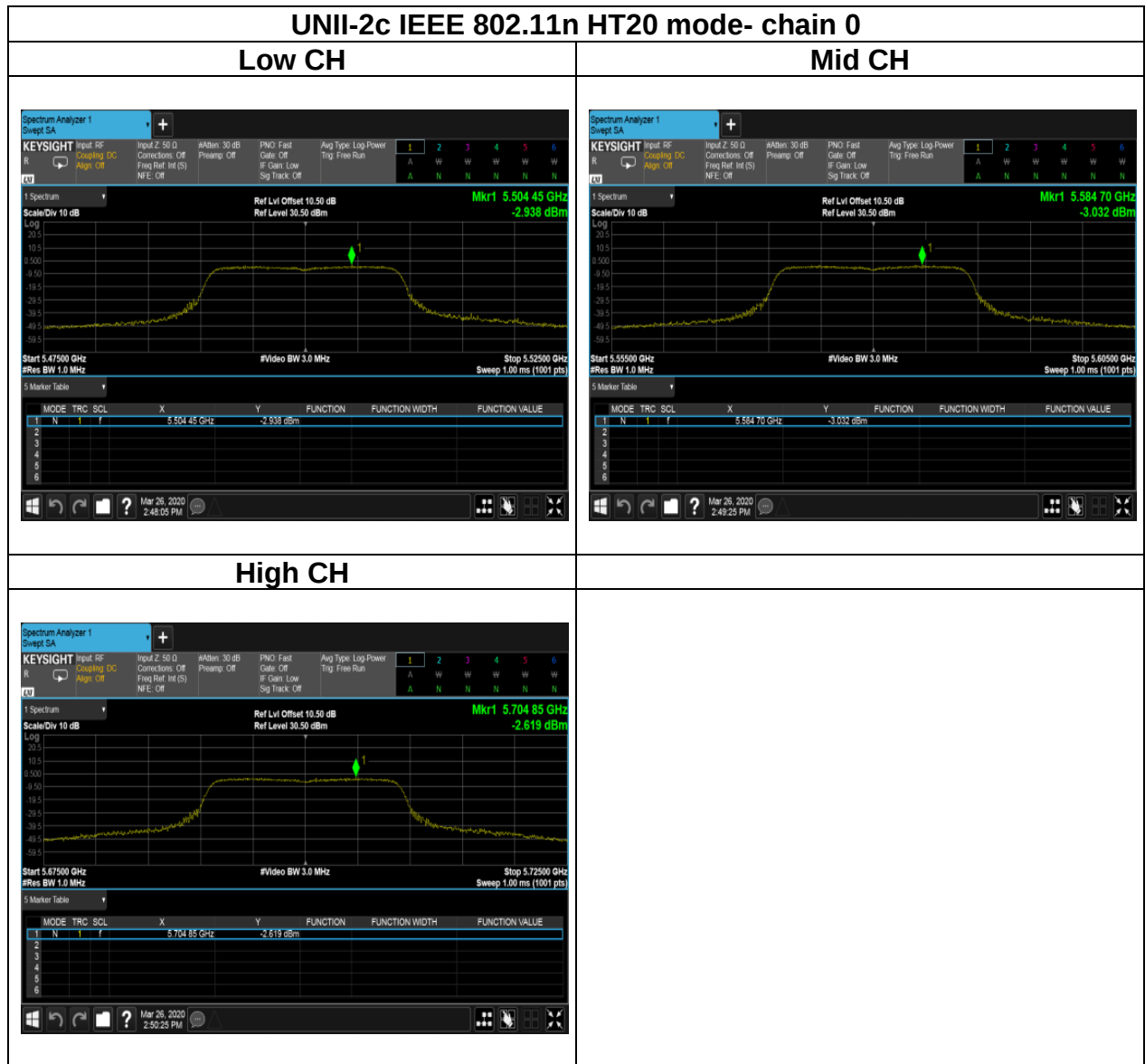


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UNII-2c IEEE 802.11n HT40 mode- chain 0

Low CH



Mid CH



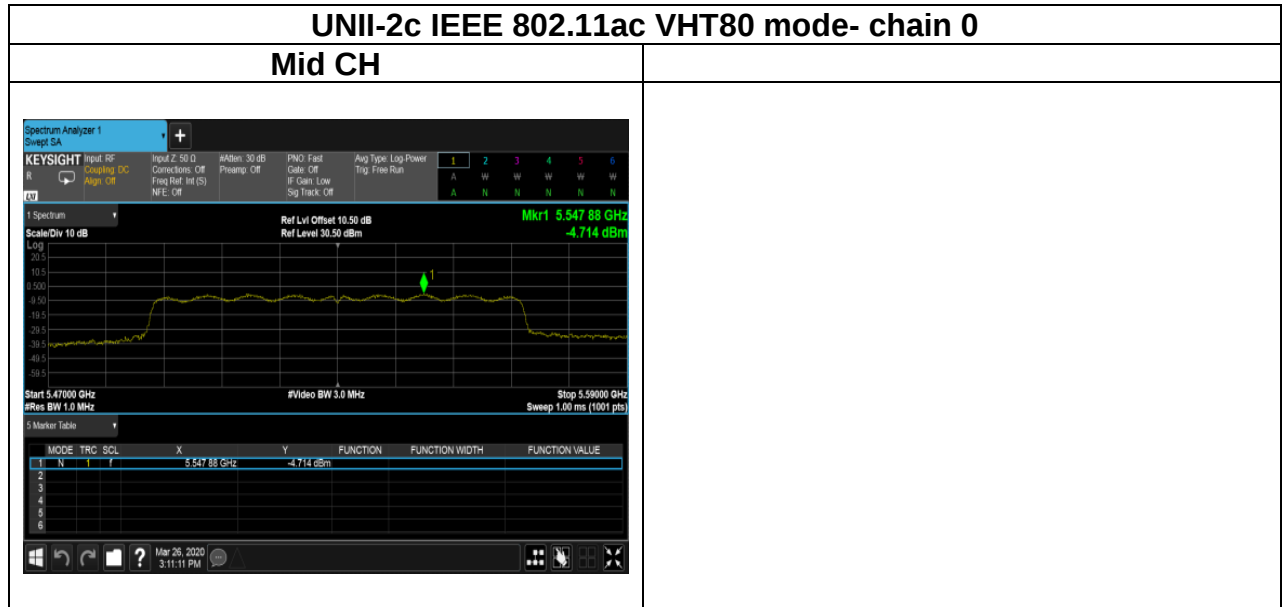
High CH





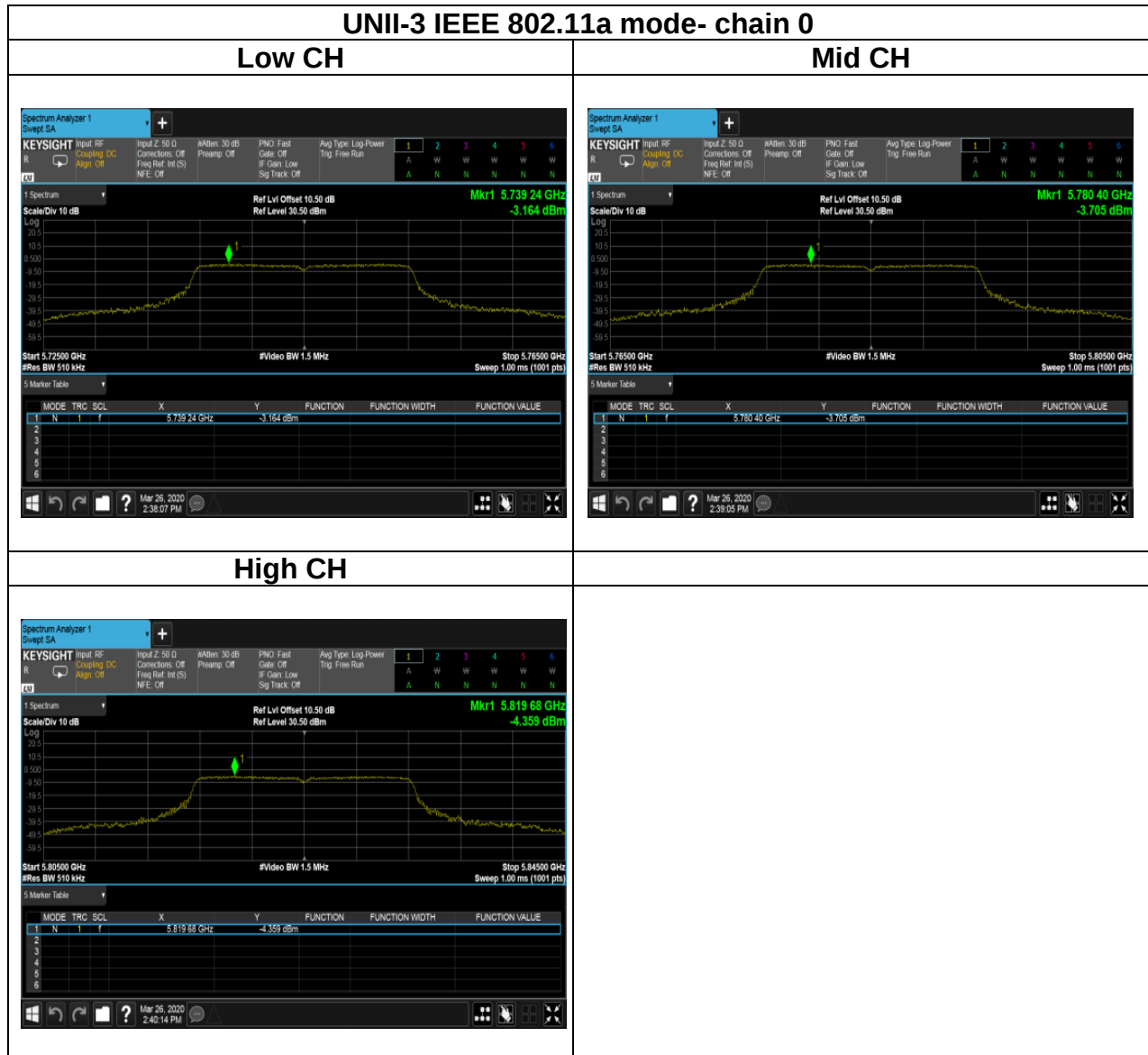
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UNII-3 IEEE 802.11n HT20 mode- chain 0

Low CH

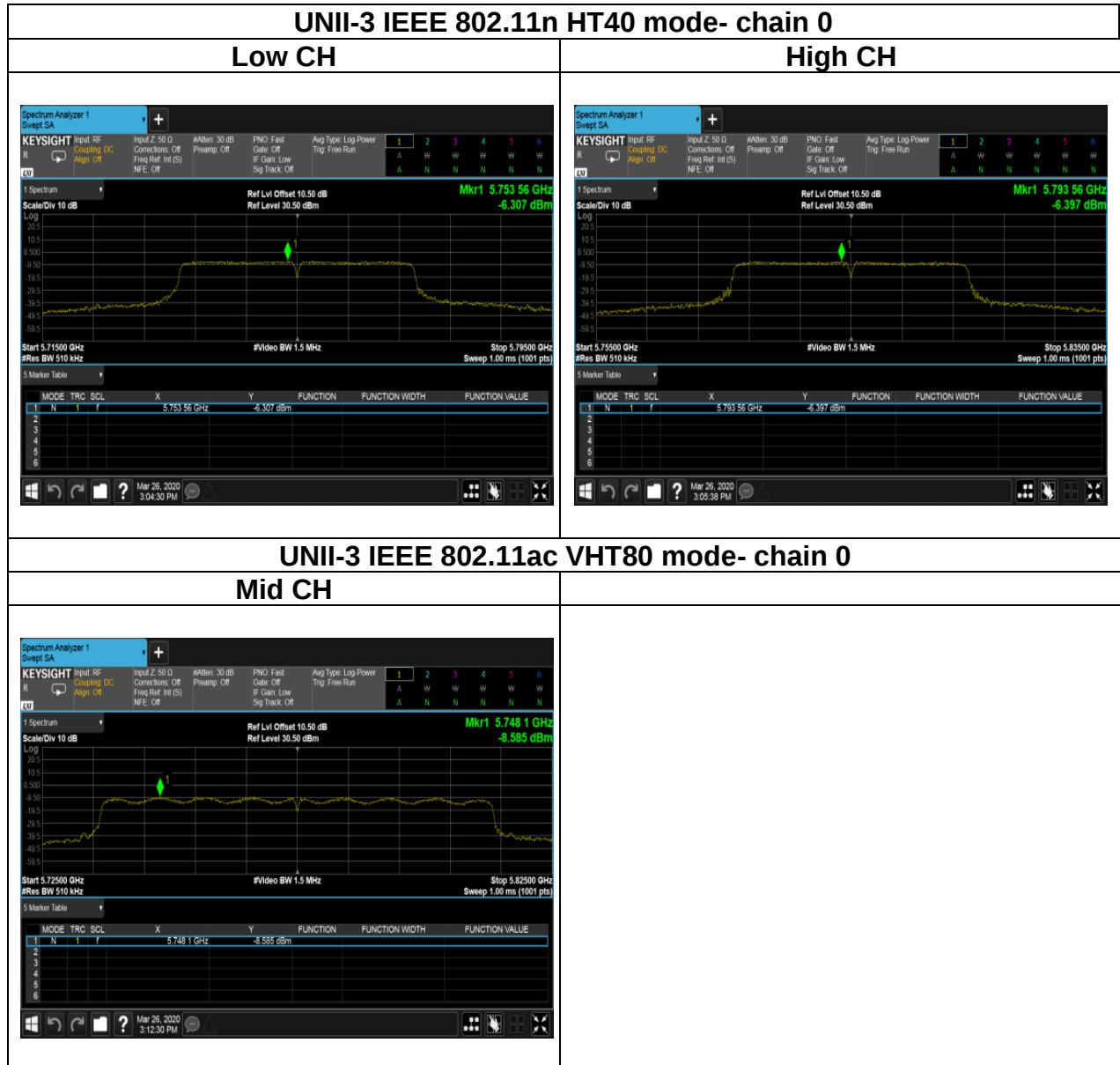


Mid CH



High CH





4.5 RADIATION BANDEDGE AND SPURIOUS EMISSION

4.5.1 Test Limit

According to §15.407, §15.209 and §15.205,
According to RSS-247 section 6.2.1.2 and section 6.2.4.2

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)

RSS-Gen Table 3 and Table 5 – General Field Strength Limits for Transmitters and Receivers at Frequencies Above 30 MHz ^(Note)

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)

Note: Measurements for compliance with the limits in table 3 may be performed at distances other than 3 metres, in accordance with Section 6.6.

RSS-Gen Table 6: General Field Strength Limits for Transmitters at Frequencies Below 30 MHz (Transmit)

Frequency	Magnetic field strength (H-Field) ($\mu\text{A/m}$)	Measurement Distance (m)
9-490 kHz ^{Note}	6.37/F (F in kHz)	300
490-1,705 kHz	63.7/F (F in kHz)	30
1.705-30 MHz	0.08	30

Note: The emission limits for the ranges 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector..

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

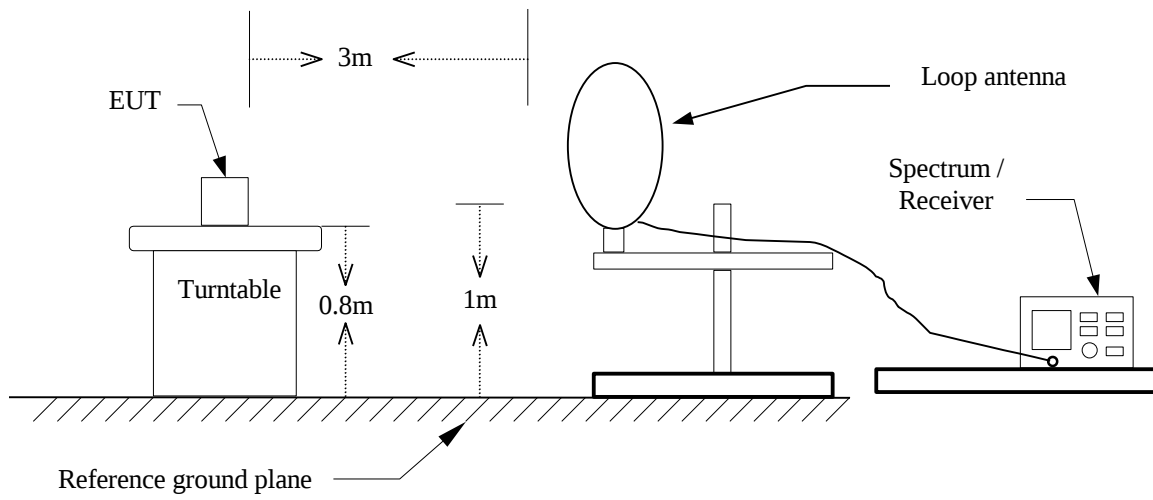
4.5.2 Test Procedure

Test method Refer as KDB 789033 D02.

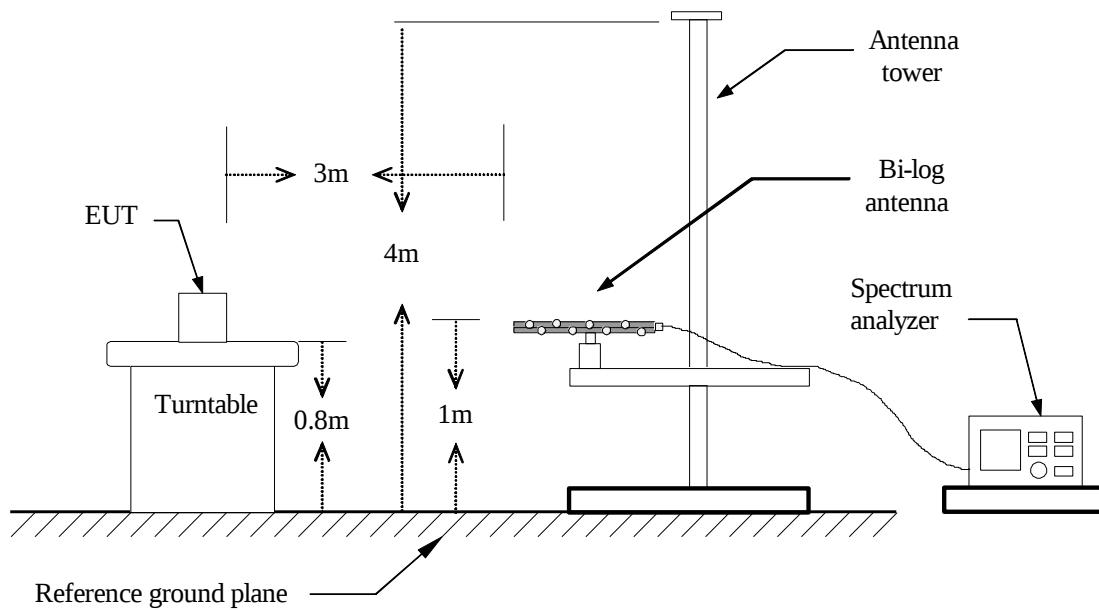
1. The EUT is placed on a turntable, Above 1 GHz is 1.5m and below 1 GHz is 0.8m above ground plane. The EUT Configured un accordance with ANSI C63.10: 2013, and the EUT set in a continuous mode.
2. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level. And 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 9kHz to 26.5GHz set to the low, Mid and High channels with the EUT transmit.
4. No emission found between lowest internal used/generated frequency to 30MHz (9KHz~30MHz)
5. The SA setting following :
 - (1) Below 1G : RBW = 100kHz, VBW $\geq 3 \times$ RBW, Sweep = Auto, Detector = Peak, Trace = Max hold.
 - (2) Above 1G :
 - (2.1) For Peak measurement : RBW = 1MHz, VBW $\geq 3 \times$ 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.

4.5.3 Test Setup

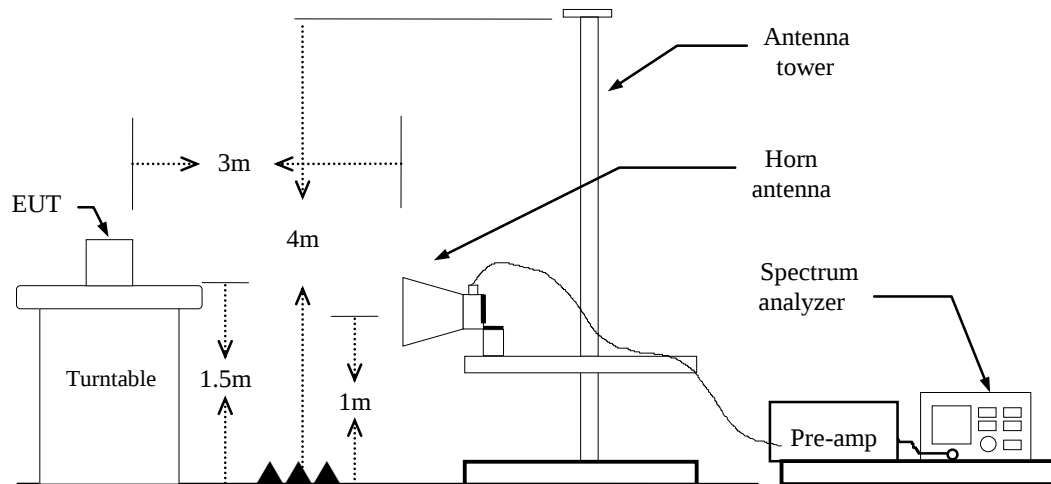
9kHz ~ 30MHz



30MHz ~ 1GHz



Above 1 GHz

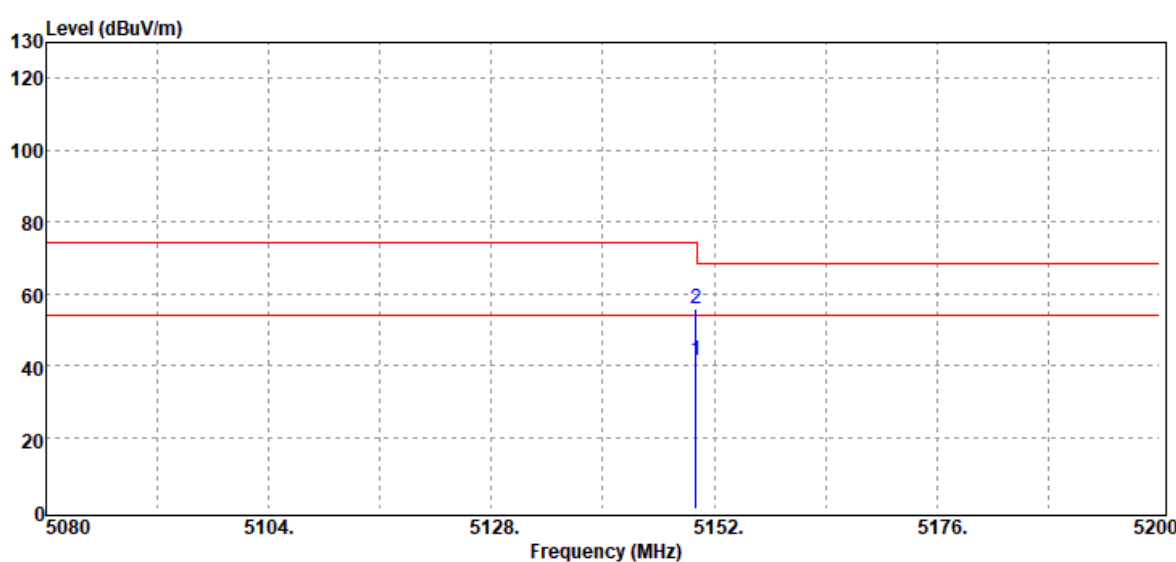


4.5.4 Test Result

Band Edge Test Data

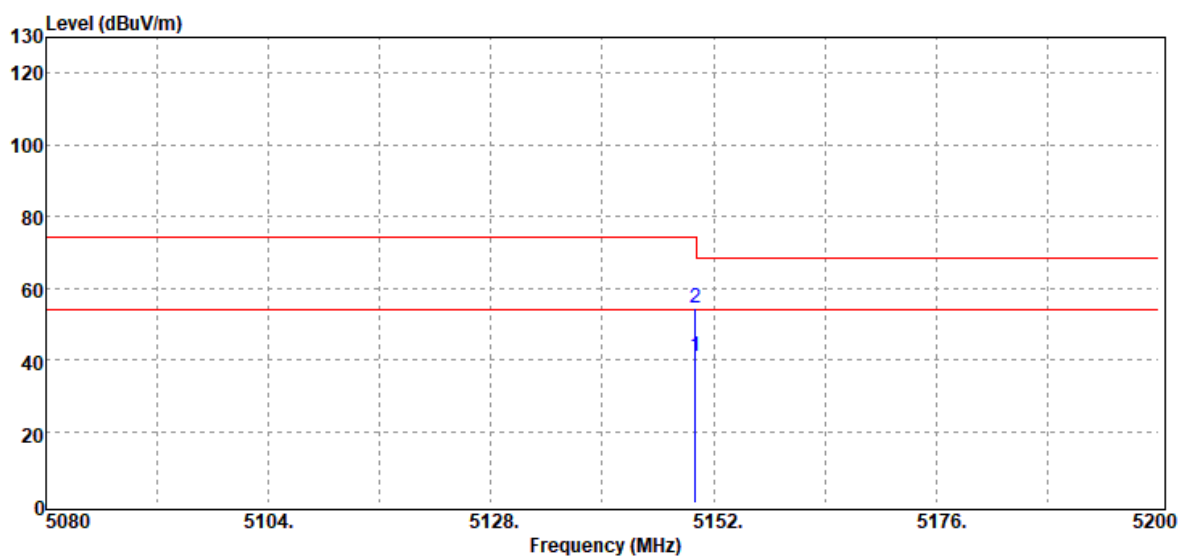
Test Data for UNII-1

Test Mode	IEEE 802.11a / 5180MHZ	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		



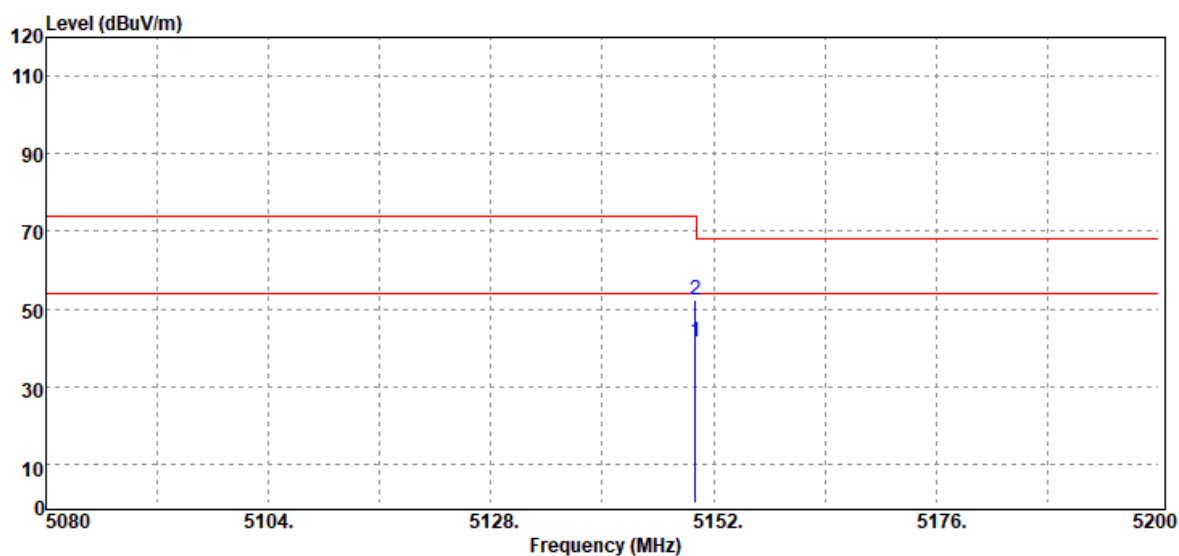
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5150.00	Average	35.64	5.58	41.22	54.00	-12.78
5150.00	Peak	50.32	5.58	55.90	74.00	-18.10

Test Mode	IEEE 802.11a / 5180MHZ	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak / Average		



Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5150.00	Average	35.38	5.58	40.96	54.00	-13.04
5150.00	Peak	49.01	5.58	54.59	74.00	-19.41

Test Mode	IEEE 802.11n 20 MHz / 5180MHZ	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		



Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5150.00	Average	35.76	5.58	41.34	54.00	-12.66
5150.00	Peak	46.77	5.58	52.35	74.00	-21.65

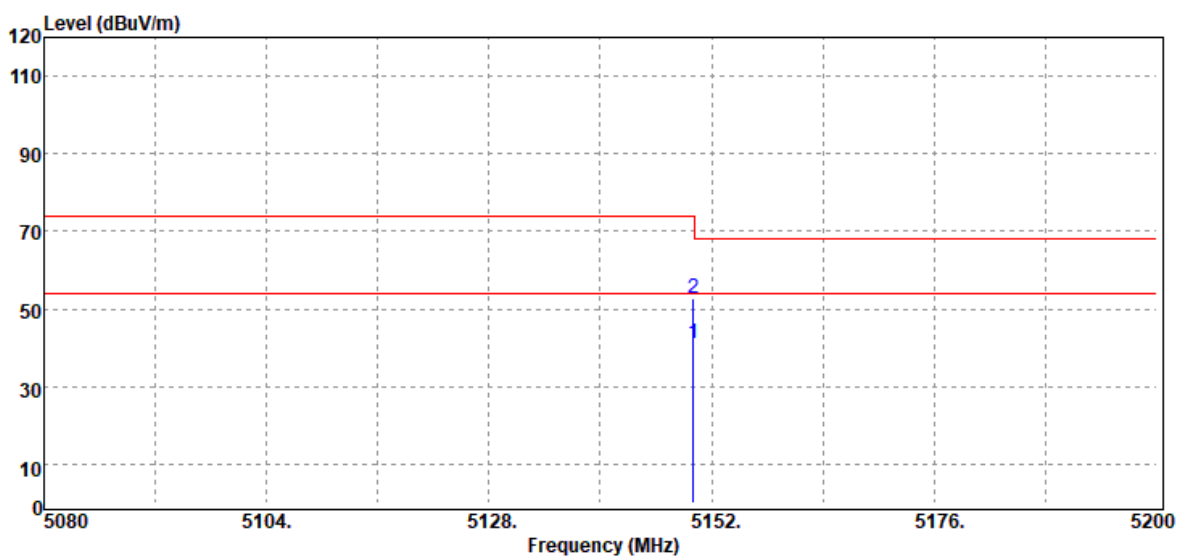


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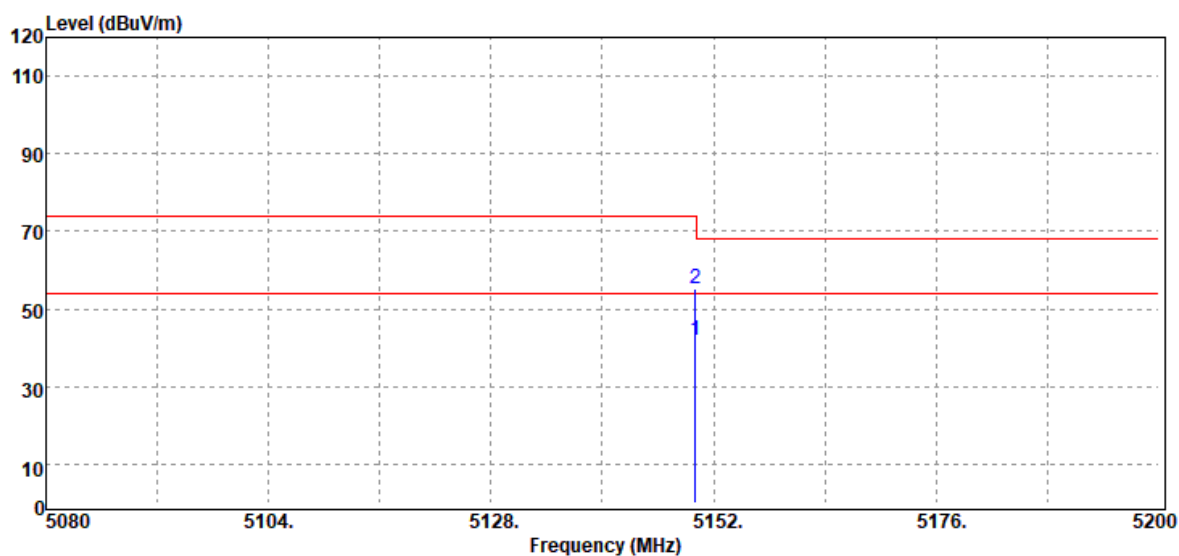
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Test Mode	IEEE 802.11n 20 MHz / 5180MHZ	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		



Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5150.00	Average	35.49	5.58	41.07	54.00	-12.93
5150.00	Peak	47.12	5.58	52.70	74.00	-21.30

Test Mode	IEEE 802.11n 40 MHz / 5190MHZ	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		



Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5150.00	Average	36.19	5.58	41.77	54.00	-12.23
5150.00	Peak	49.79	5.58	55.37	74.00	-18.63

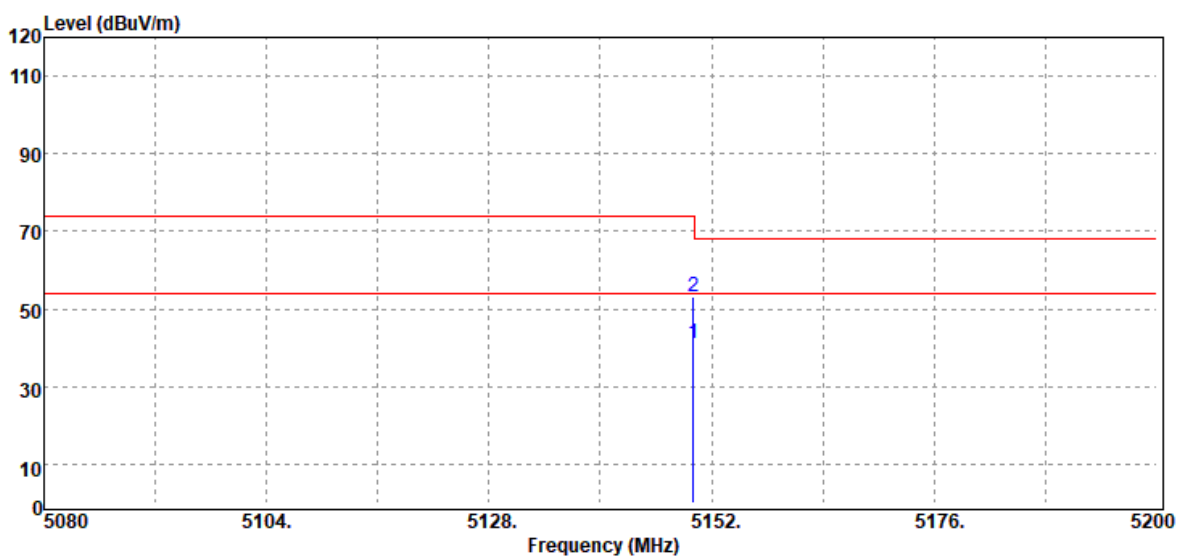


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Test Mode	IEEE 802.11n 40 MHz / 5230MHZ	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		



Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5150.00	Average	35.50	5.58	41.08	54.00	-12.92
5150.00	Peak	47.39	5.58	52.97	74.00	-21.03

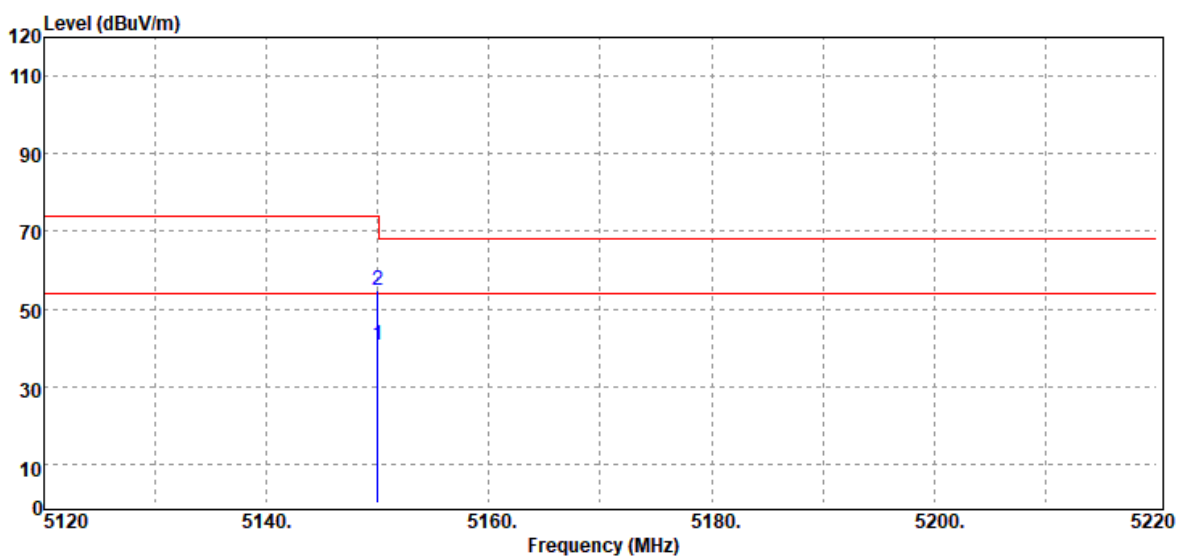


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Test Mode	I EEE 802.11ac VHT80 / 5210MHZ	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		



Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5150.00	Average	35.31	5.58	40.89	54.00	-13.11
5150.00	Peak	49.11	5.58	54.69	74.00	-19.31

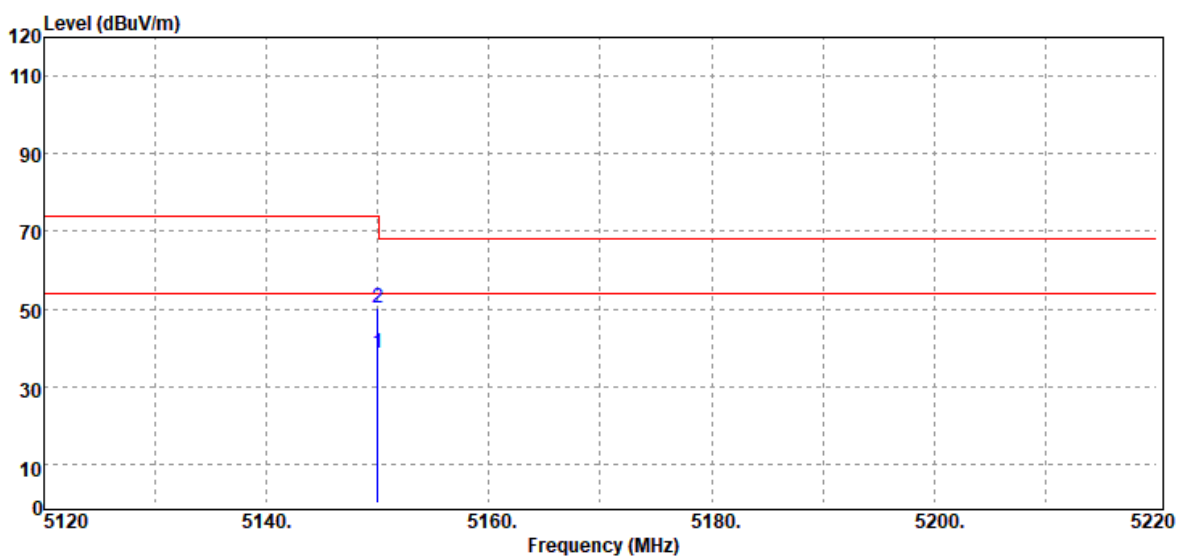


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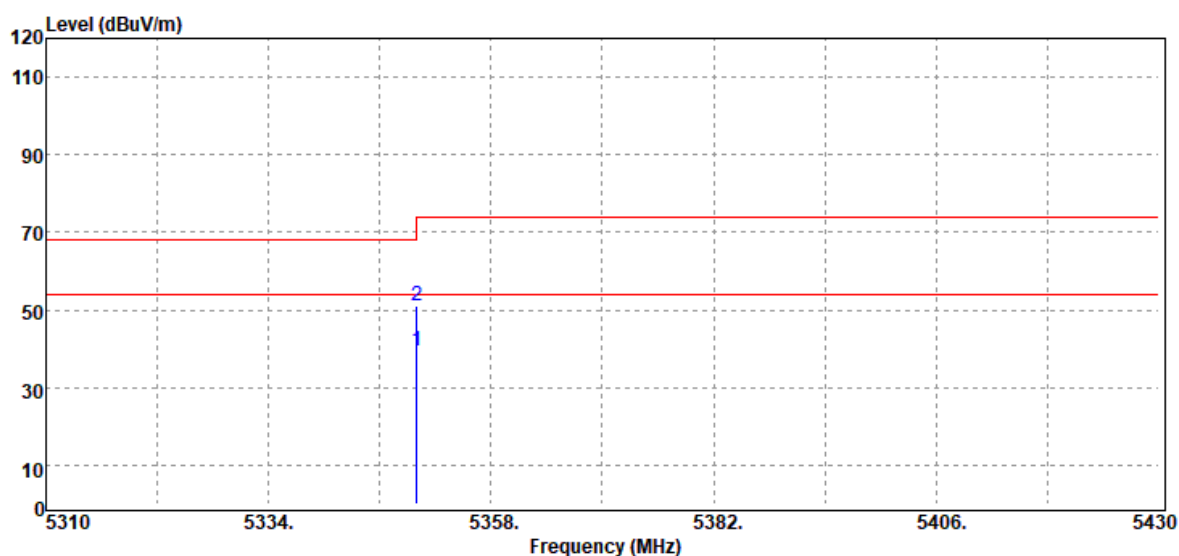
Test Mode	I EEE 802.11ac VHT80 / 5210MHZ	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		



Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5150.00	Average	32.96	5.58	38.54	54.00	-15.46
5150.00	Peak	44.62	5.58	50.20	74.00	-23.80

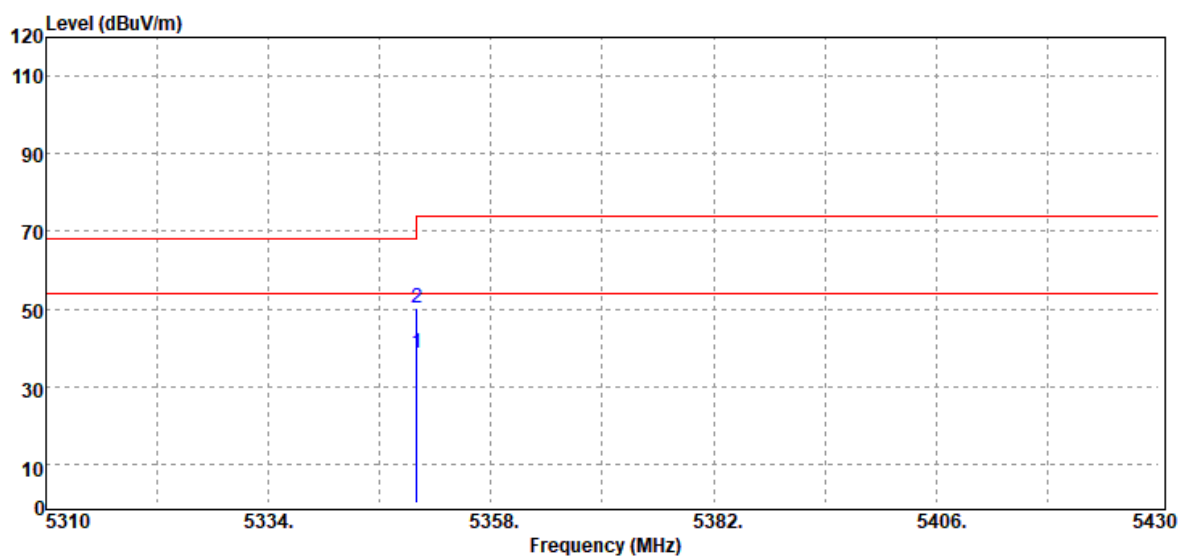
Test Data for UNII-2a

Test Mode	IEEE 802.11a / 5320 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		



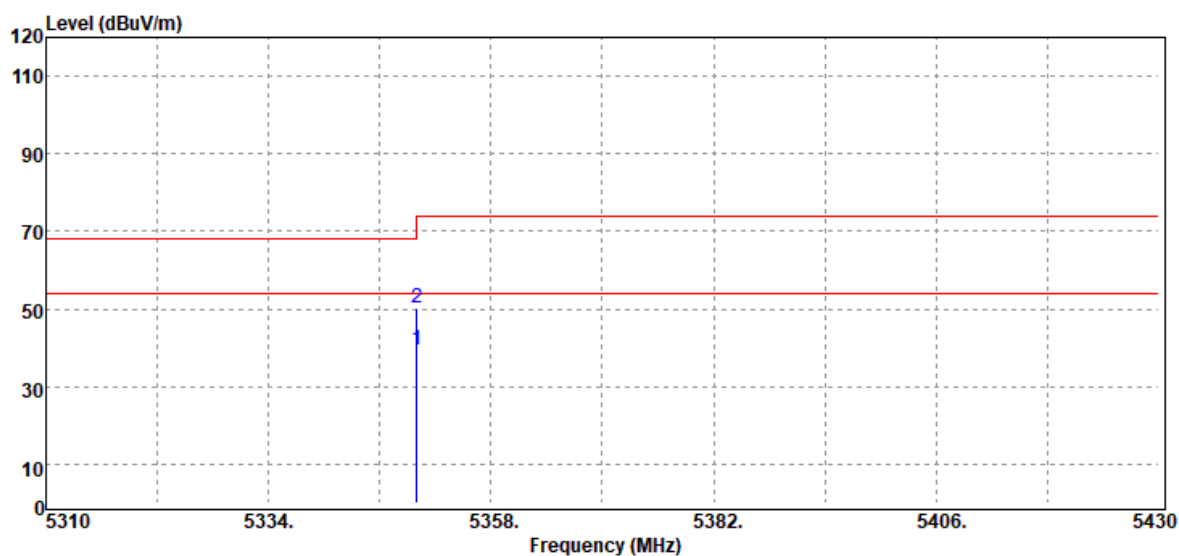
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.00	Average	33.54	5.82	39.36	54.00	-14.64
5350.00	Peak	45.23	5.82	51.05	74.00	-22.95

Test Mode	IEEE 802.11a / 5320 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		



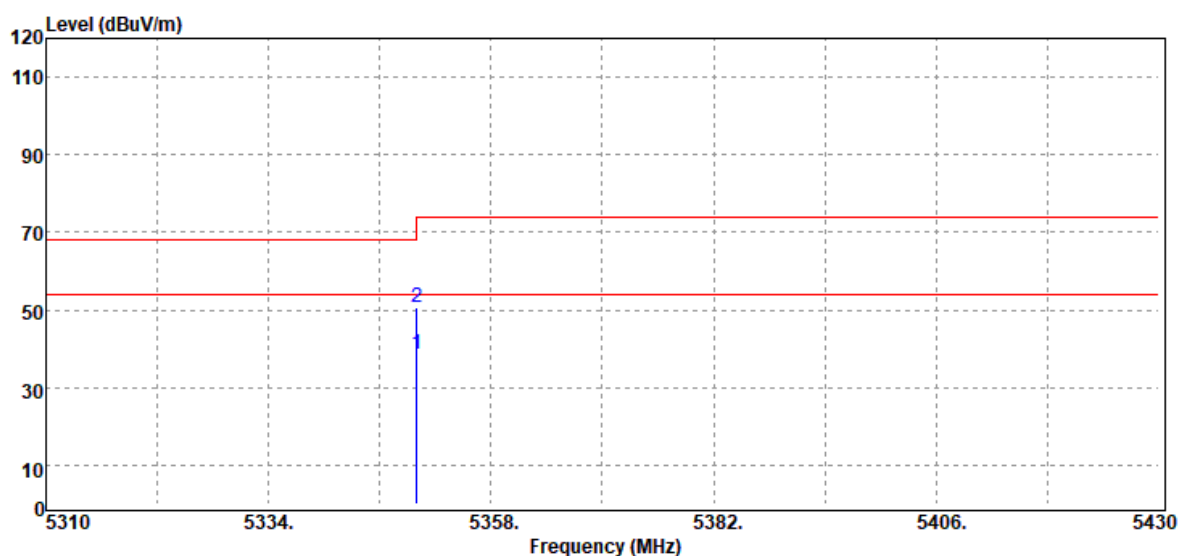
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5350.00	Average	32.94	5.82	38.76	54.00	-15.24
5350.00	Peak	44.55	5.82	50.37	74.00	-23.63

Test Mode	IEEE 802.11n 20 MHz / 5320MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		



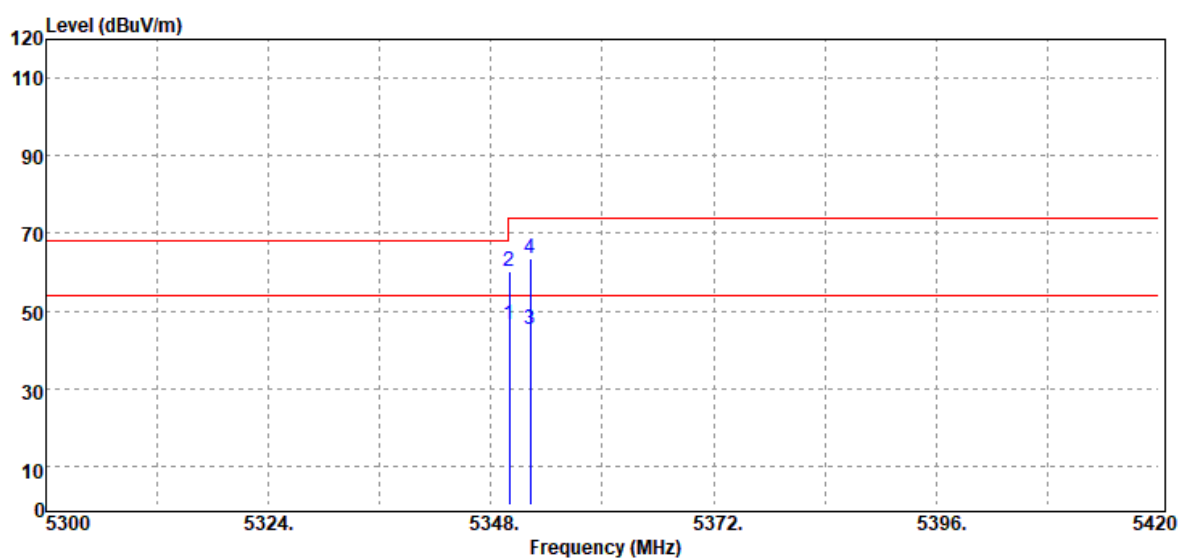
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.00	Average	33.61	5.82	39.43	54.00	-14.57
5350.00	Peak	44.23	5.82	50.05	74.00	-23.95

Test Mode	IEEE 802.11n 20 MHz / 5320MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		



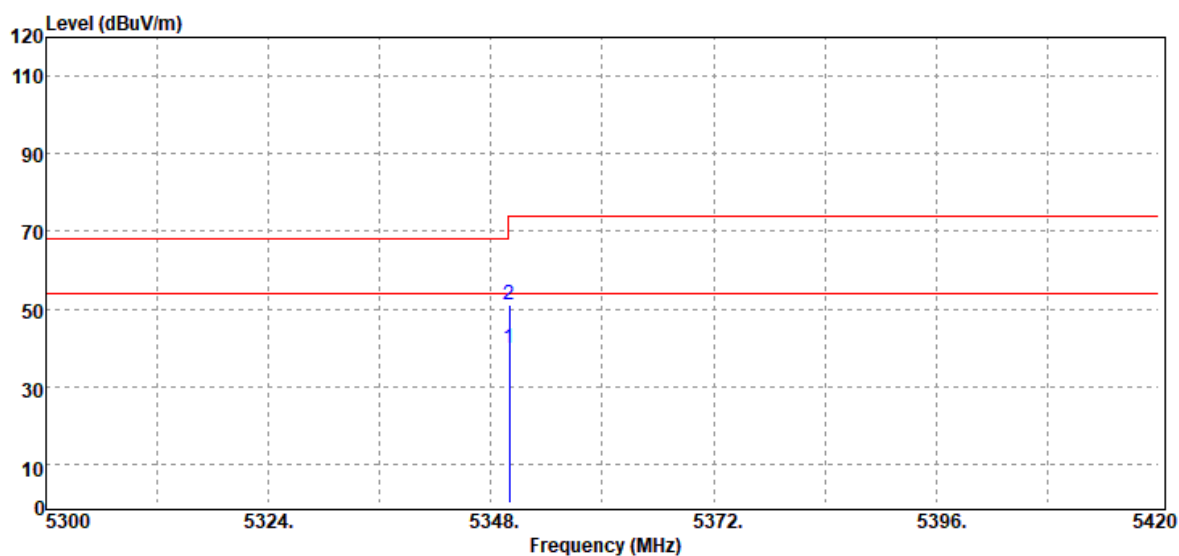
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.00	Average	32.92	5.82	38.74	54.00	-15.26
5350.00	Peak	44.96	5.82	50.78	74.00	-23.22

Test Mode	IEEE 802.11n 40 MHz / 5310MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		



Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.00	Average	40.52	5.82	46.34	54.00	-7.66
5350.00	Peak	54.20	5.82	60.02	74.00	-13.98
5352.20	Average	39.56	5.83	45.39	54.00	-8.61
5352.20	Peak	57.87	5.83	63.70	74.00	-10.30

Test Mode	IEEE 802.11n 40 MHz / 5310MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		



Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.00	Average	34.21	5.82	40.03	54.00	-13.97
5350.00	Peak	45.37	5.82	51.19	74.00	-22.81

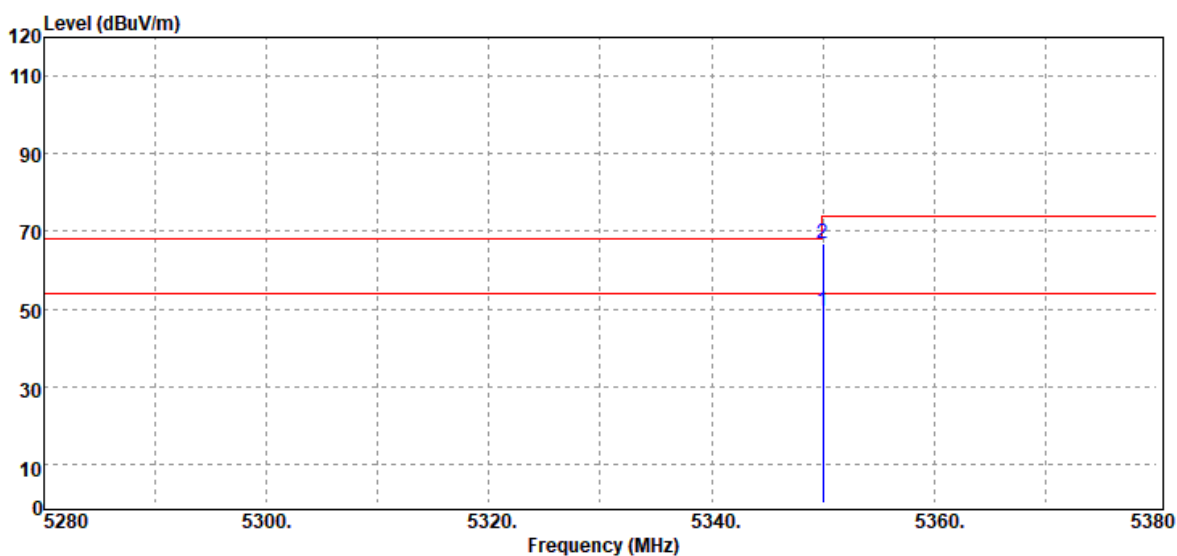


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Test Mode	IEEE 802.11ac VHT80 / 5290MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		



Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5350.00	Average	43.73	5.82	49.55	54.00	-4.45
5350.00	Peak	60.86	5.82	66.68	74.00	-7.32

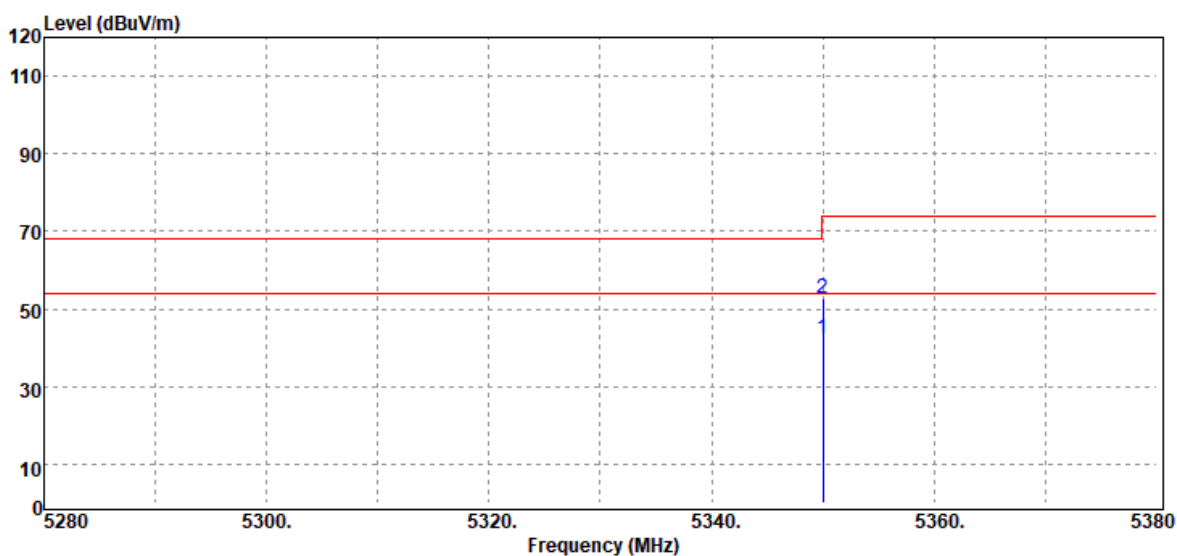


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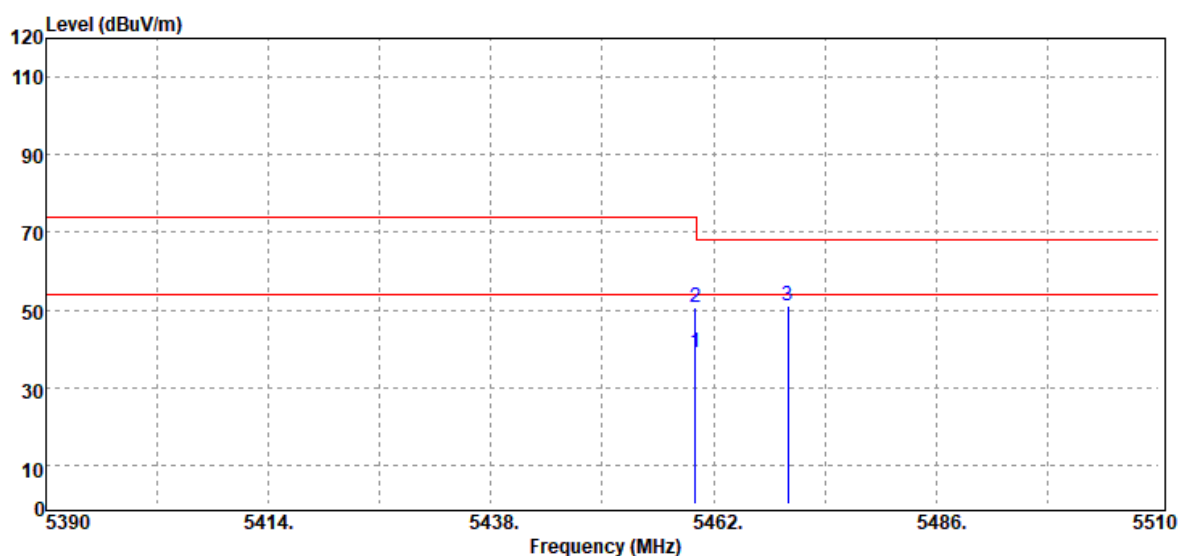
Test Mode	IEEE 802.11ac VHT80 / 5290MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		



Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5350.00	Average	36.70	5.82	42.52	54.00	-11.48
5350.00	Peak	46.97	5.82	52.79	74.00	-21.21

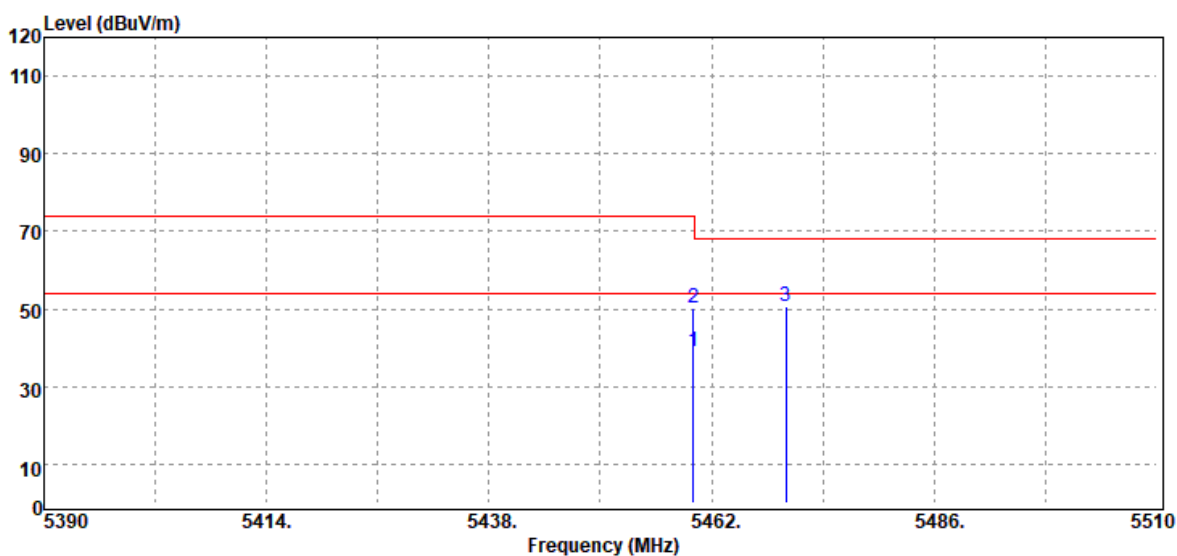
Test Data for UNII-2c

Test Mode	IEEE 802.11a / 5500MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		



Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5460.00	Average	33.05	6.11	39.16	54.00	-14.84
5460.00	Peak	44.41	6.11	50.52	74.00	-23.48
5470.00	Peak	44.94	6.14	51.08	68.20	-17.12

Test Mode	IEEE 802.11a / 5500MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		



Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5460.00	Average	32.94	6.11	39.05	54.00	-14.95
5460.00	Peak	44.27	6.11	50.38	74.00	-23.62
5470.00	Peak	44.54	6.14	50.68	68.20	-17.52

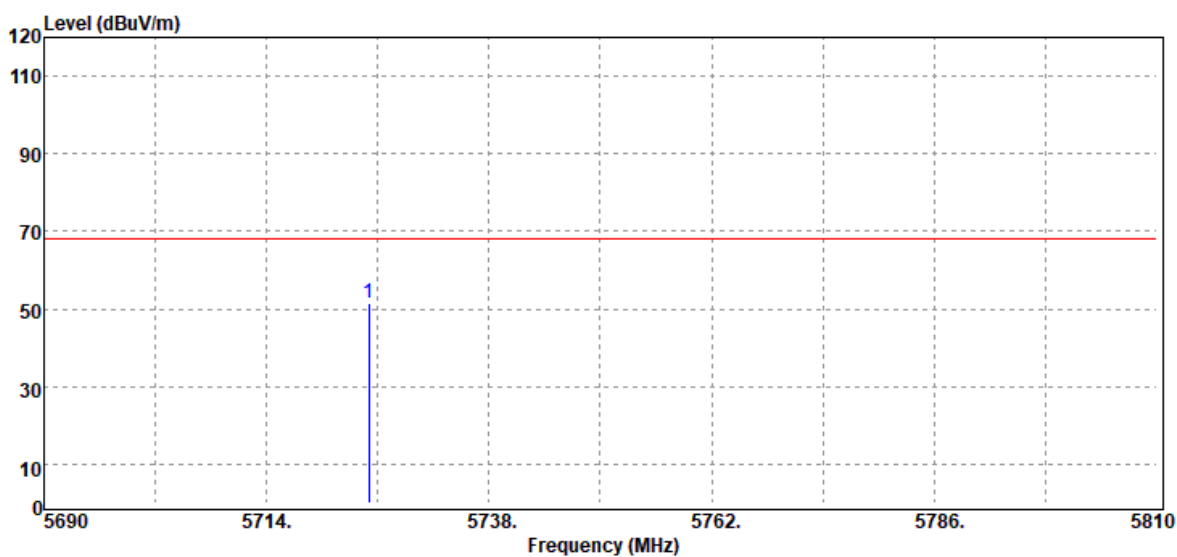


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Test Mode	IEEE 802.11a / 5700 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		



Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5725.00	Peak	44.58	6.98	51.56	68.20	-16.64

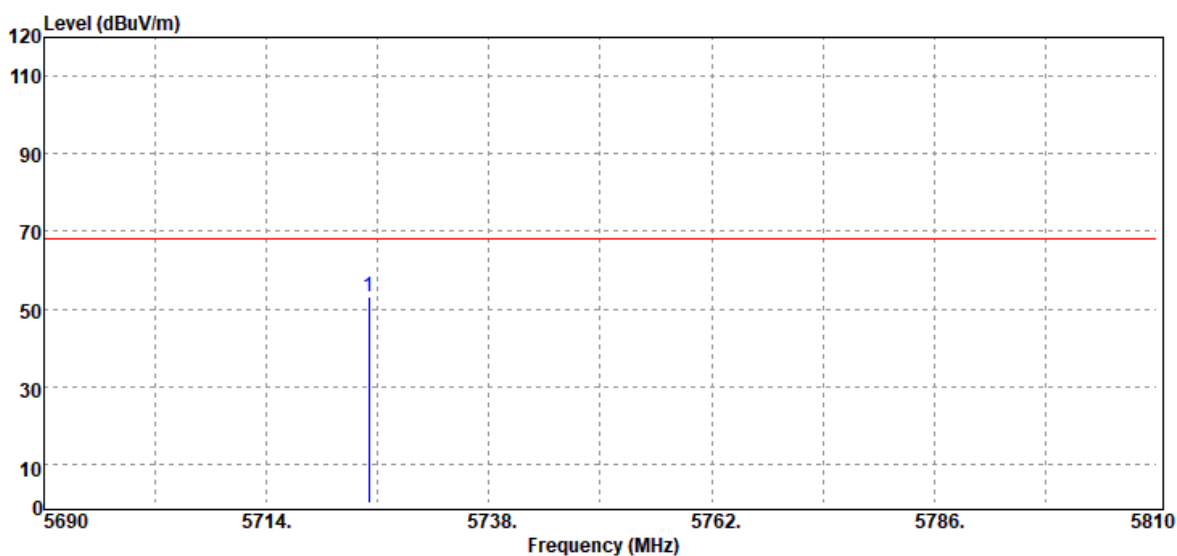


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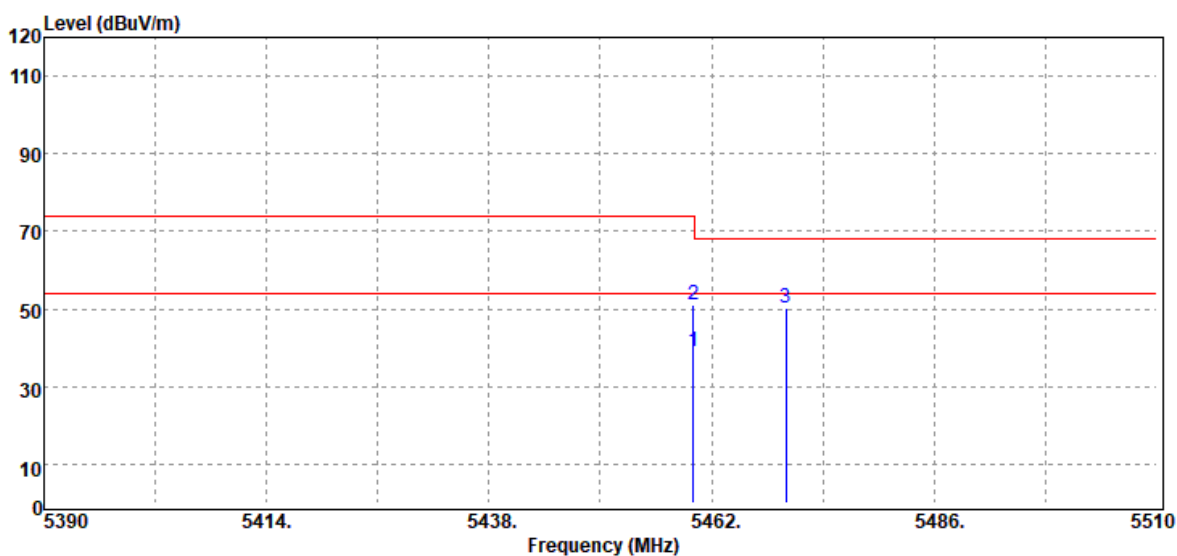
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Test Mode	IEEE 802.11a / 5700 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		



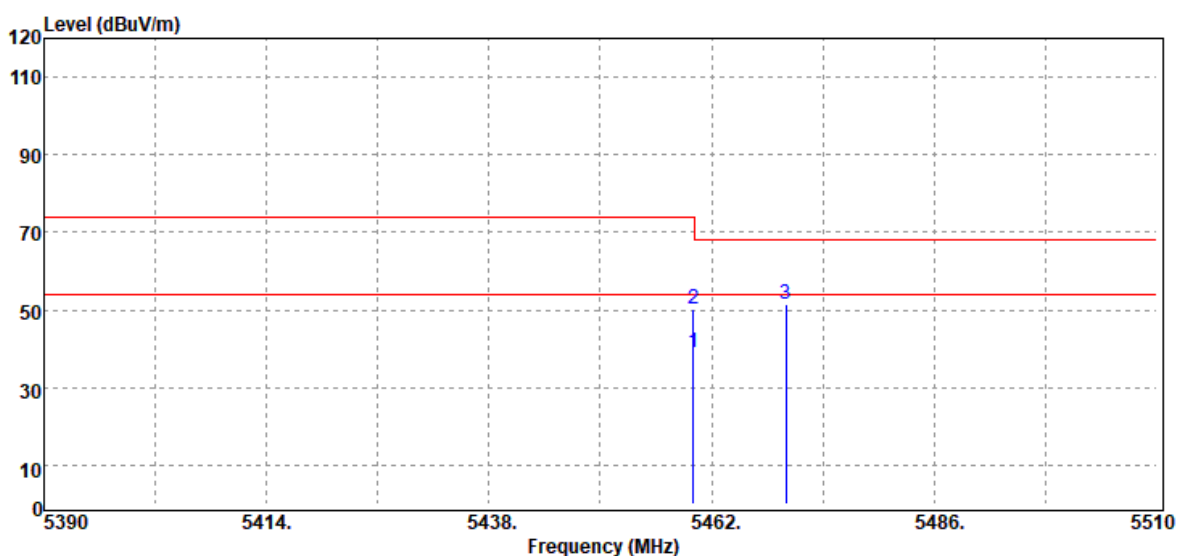
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5725.00	Peak	46.15	6.98	53.13	68.20	-15.07

Test Mode	IEEE 802.11n 20 MHz / 5500MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		



Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5460.00	Average	33.01	6.11	39.12	54.00	-14.88
5460.00	Peak	44.79	6.11	50.90	74.00	-23.10
5470.00	Peak	44.06	6.14	50.20	68.20	-18.00

Test Mode	IEEE 802.11n 20 MHz / 5500MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		



Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5460.00	Average	32.92	6.11	39.03	54.00	-14.97
5460.00	Peak	44.14	6.11	50.25	74.00	-23.75
5470.00	Peak	45.41	6.14	51.55	68.20	-16.65

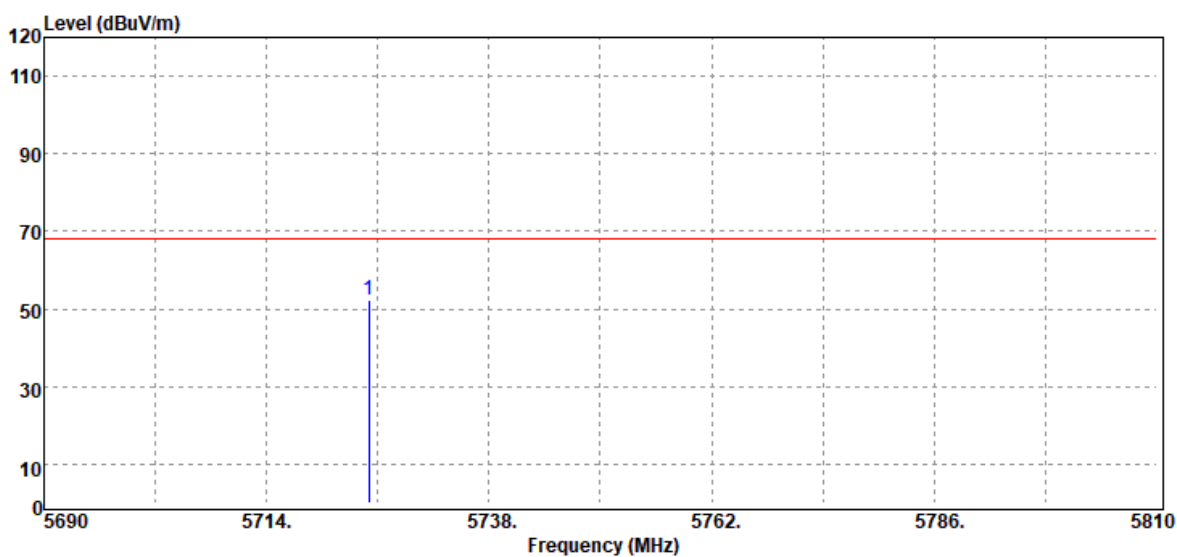


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Test Mode	IEEE 802.11n 20 MHz / 5700 MHz	Temperature	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		



Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5725.00	Peak	45.21	6.98	52.19	68.20	-16.01

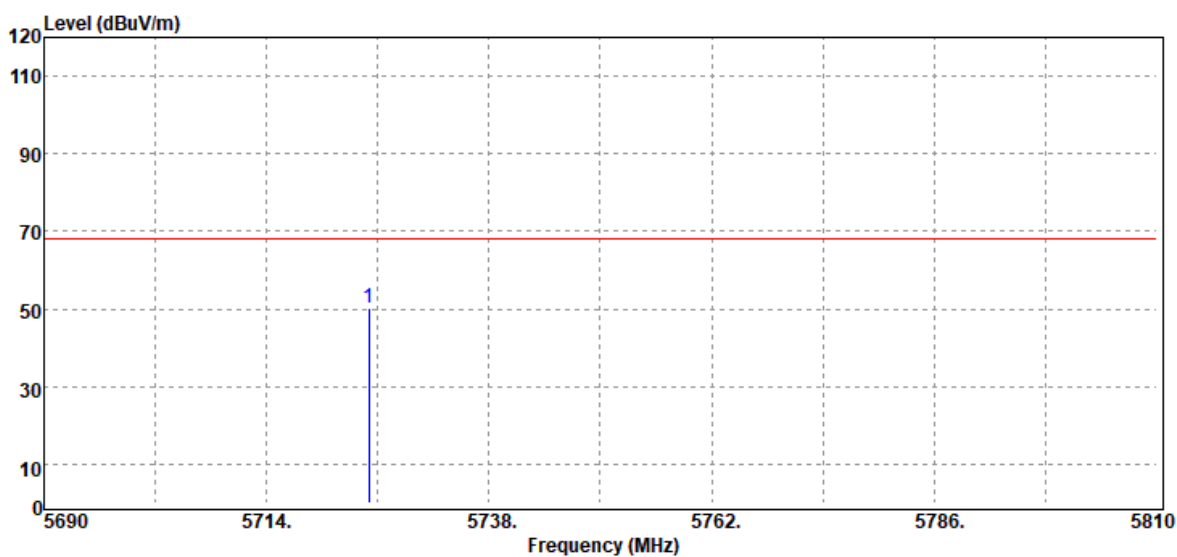


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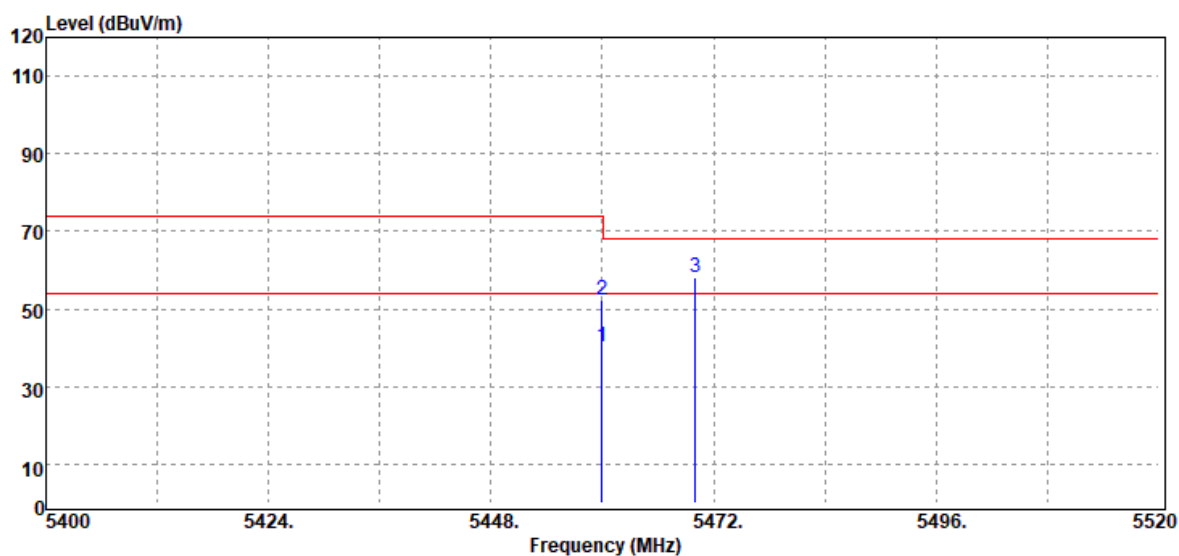
Rev.: 01

Test Mode	IEEE 802.11n 20 MHz / 5700 MHz	Temperature	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		



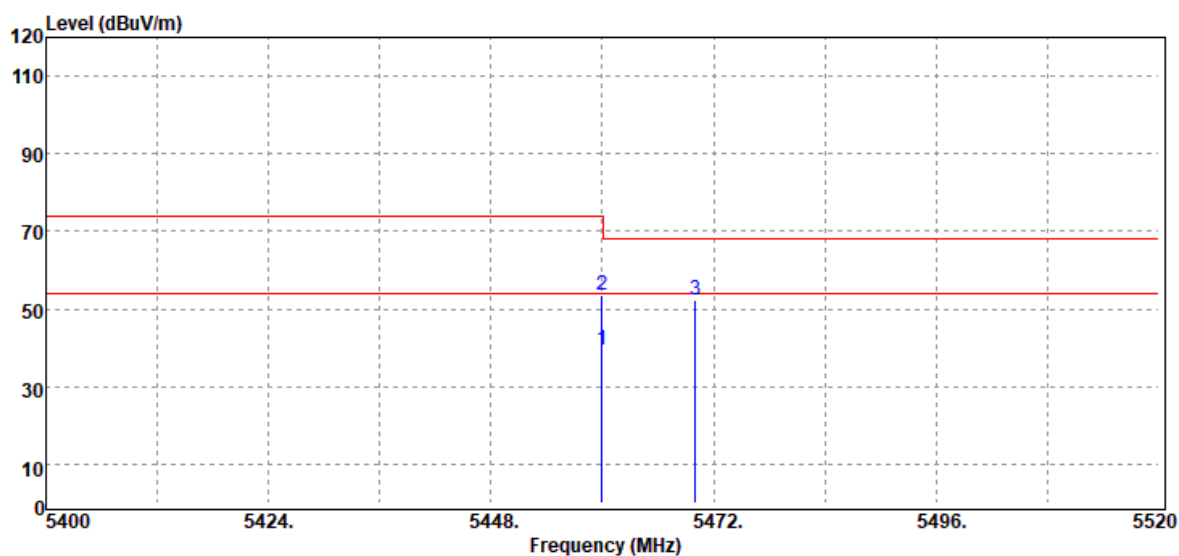
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5725.00	Peak	43.26	6.98	50.24	68.20	-17.96

Test Mode	IEEE 802.11n 40 MHz / 5510 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		



Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5460.00	Average	33.97	6.11	40.08	54.00	-13.92
5460.00	Peak	46.40	6.11	52.51	74.00	-21.49
5470.00	Peak	51.84	6.14	57.98	68.20	-10.22

Test Mode	IEEE 802.11n 40 MHz / 5510 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		



Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5460.00	Average	33.15	6.11	39.26	54.00	-14.74
5460.00	Peak	47.41	6.11	53.52	74.00	-20.48
5470.00	Peak	46.05	6.14	52.19	68.20	-16.01

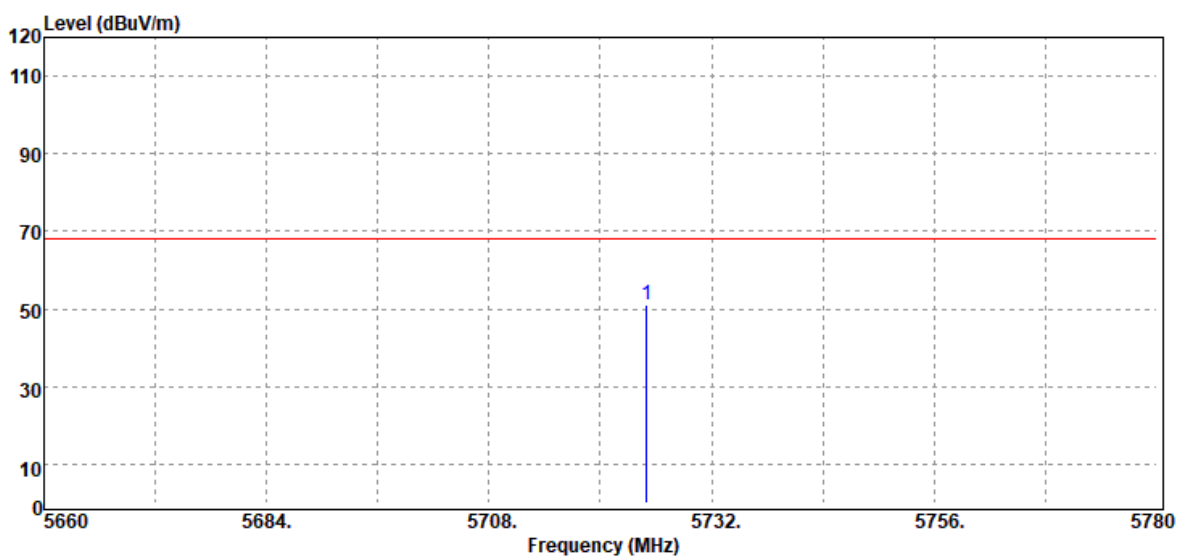


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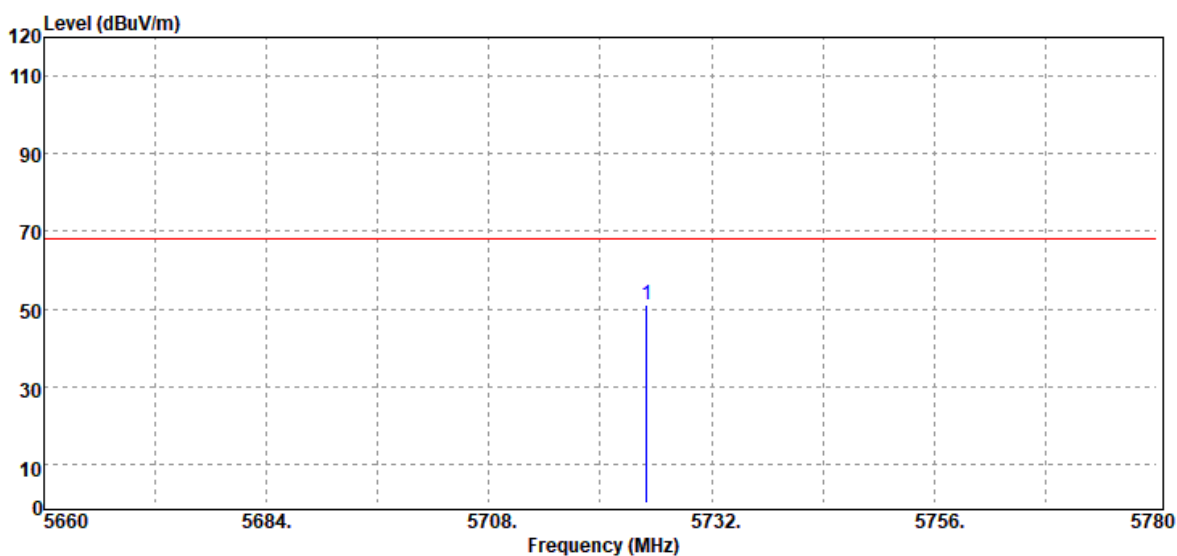
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Test Mode	IEEE 802.11n 40 MHz / 5670 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		



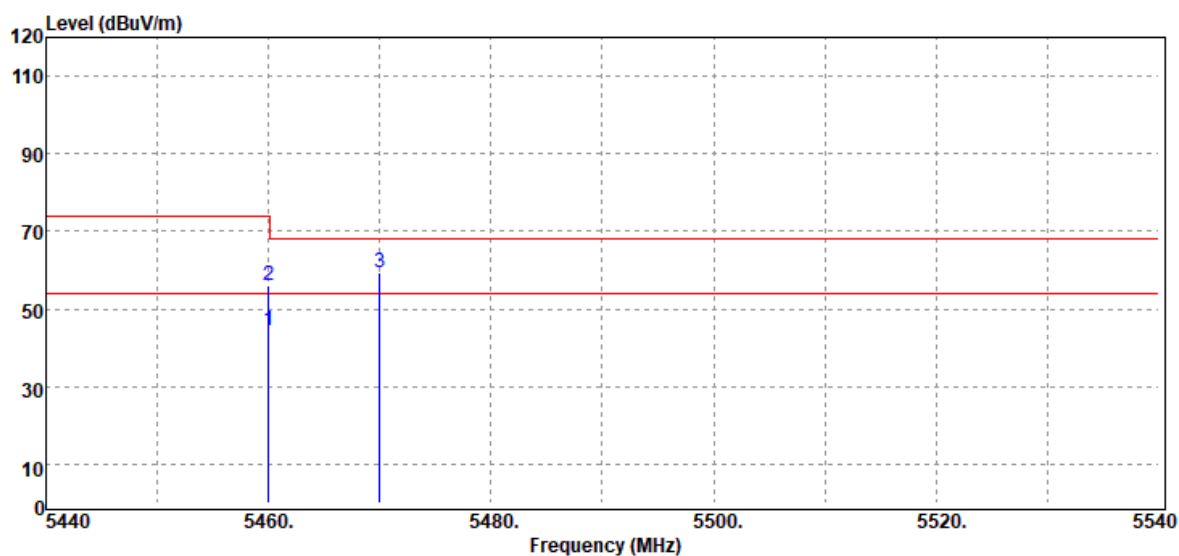
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5725.00	Peak	44.05	6.98	51.03	68.20	-17.17

Test Mode	IEEE 802.11n 40 MHz / 5670 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		



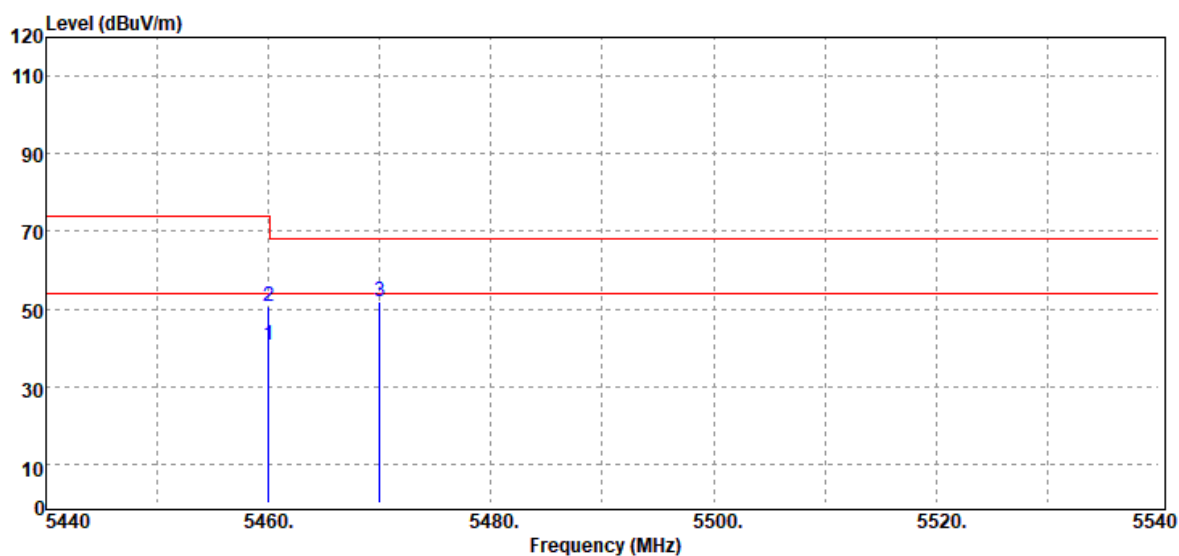
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.00	Peak	44.21	6.98	51.19	68.20	-17.01

Test Mode	IEEE 802.11ac VHT80 / 5530 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		



Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5460.00	Average	38.16	6.11	44.27	54.00	-9.73
5460.00	Peak	50.03	6.11	56.14	74.00	-17.86
5470.00	Peak	53.29	6.14	59.43	68.20	-8.77

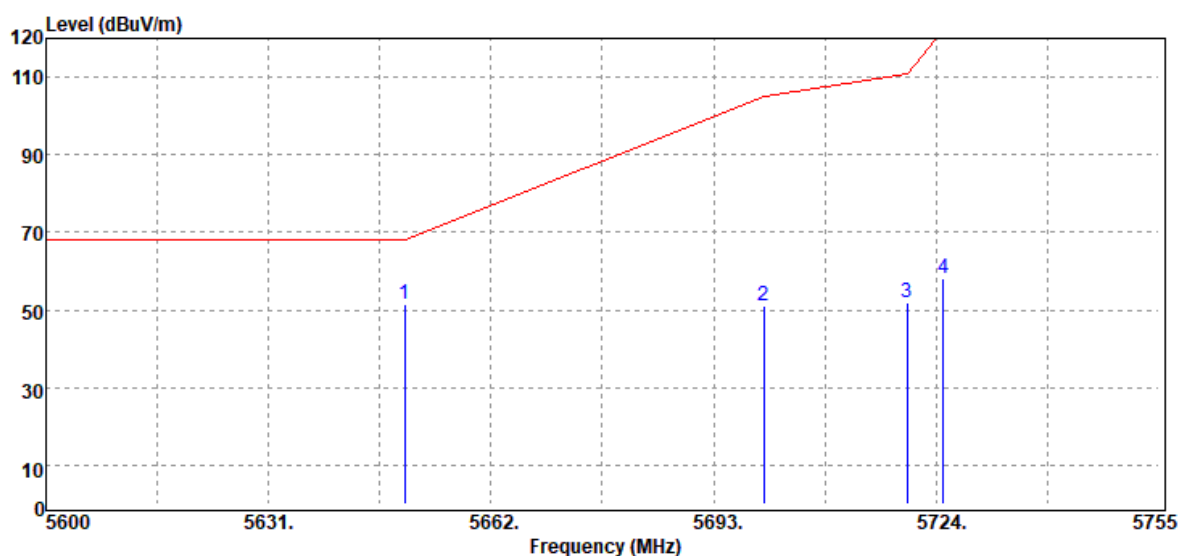
Test Mode	IEEE 802.11ac VHT80 / 5530 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		



Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5460.00	Average	34.58	6.11	40.69	54.00	-13.31
5460.00	Peak	44.50	6.11	50.61	74.00	-23.39
5470.00	Peak	45.65	6.14	51.79	68.20	-16.41

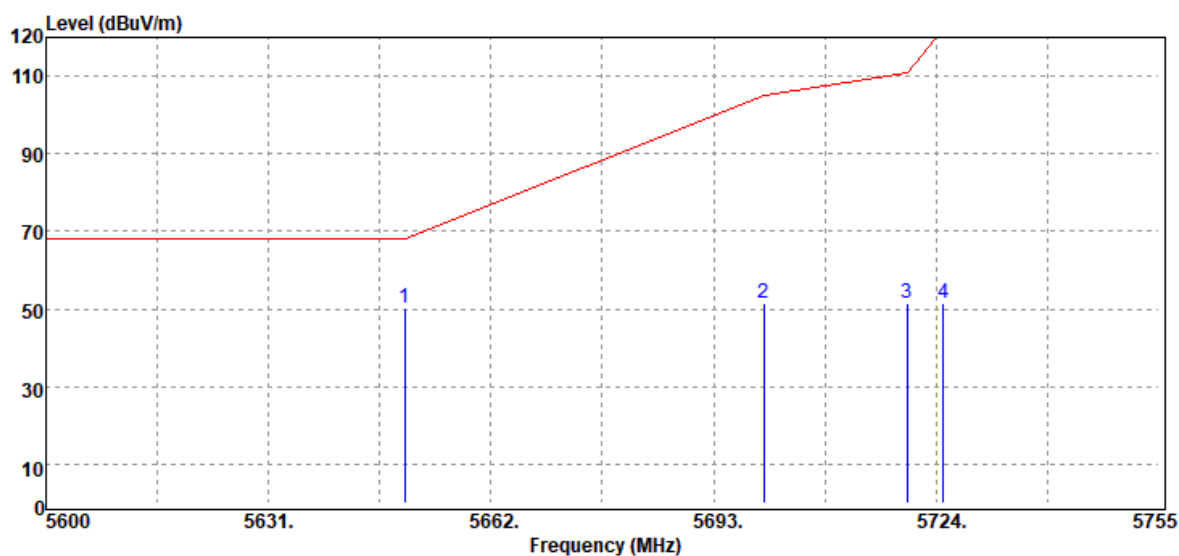
Test Data for UNII-3

Test Mode	IEEE 802.11a / 5745 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		



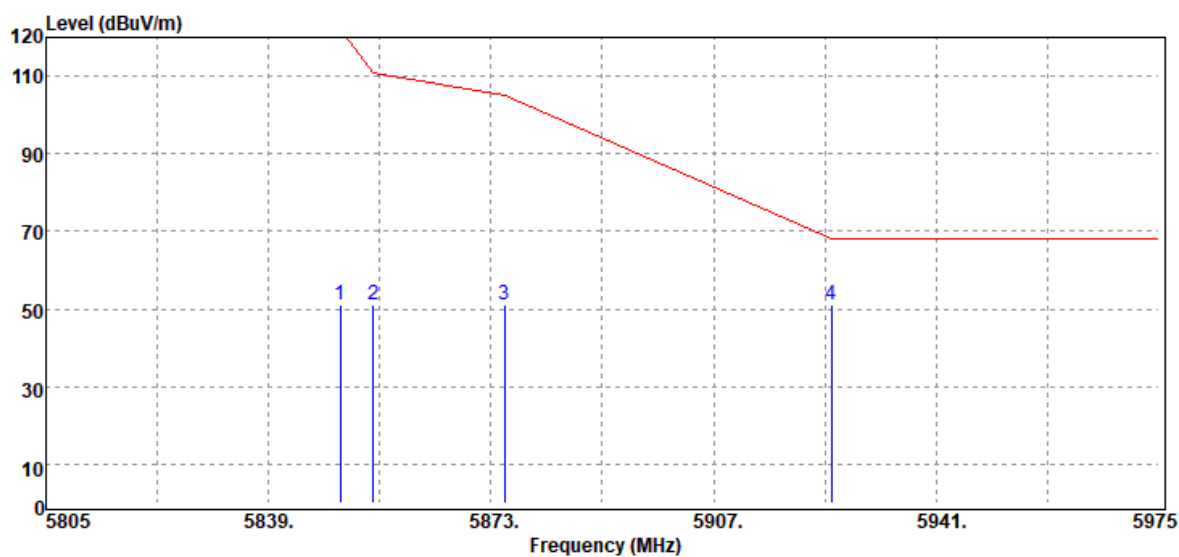
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.00	Peak	44.86	6.61	51.47	68.20	-16.73
5700.00	Peak	44.11	6.92	51.03	105.20	-54.17
5720.00	Peak	44.73	6.97	51.70	110.80	-59.10
5725.00	Peak	51.18	6.98	58.16	122.20	-64.04

Test Mode	IEEE 802.11a / 5745 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		



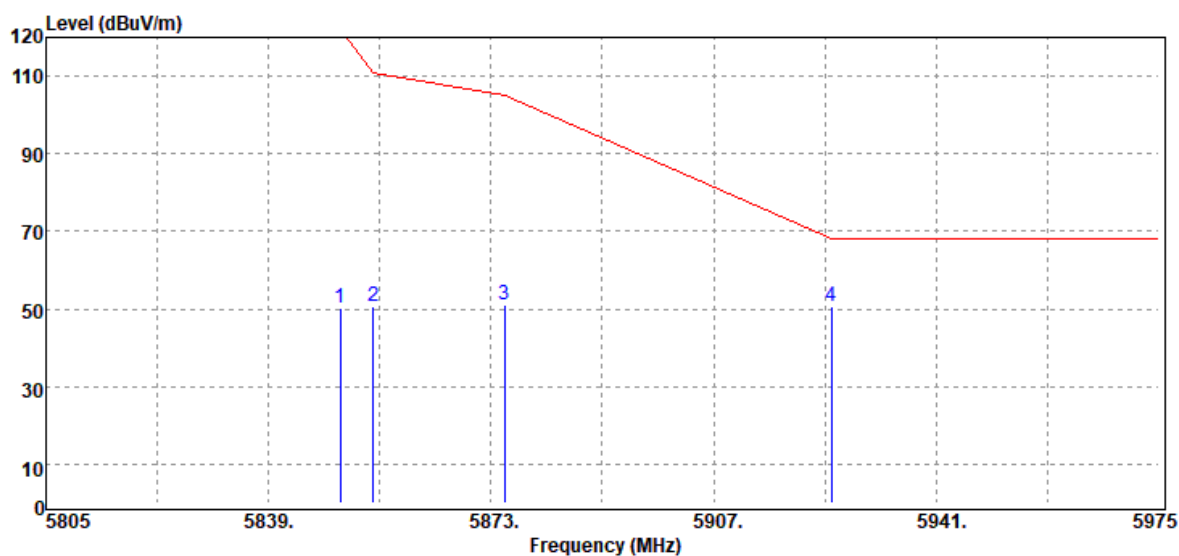
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.00	Peak	43.78	6.61	50.39	68.20	-17.81
5700.00	Peak	44.62	6.92	51.54	105.20	-53.66
5720.00	Peak	44.56	6.97	51.53	110.80	-59.27
5725.00	Peak	44.30	6.98	51.28	122.20	-70.92

Test Mode	IEEE 802.11a / 5825 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		



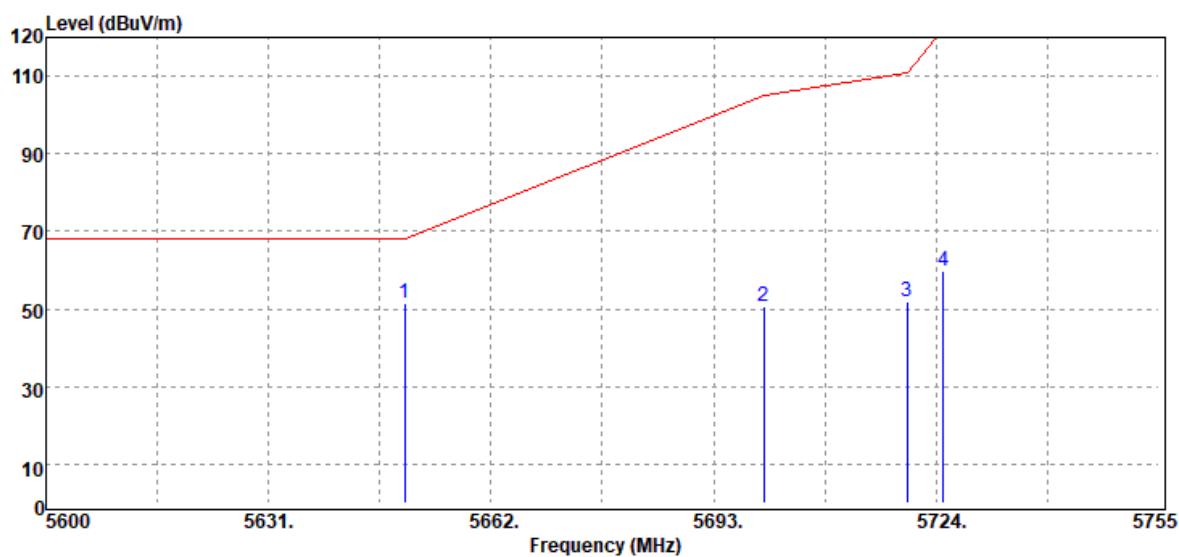
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.00	Peak	44.07	7.11	51.18	122.20	-71.02
5855.00	Peak	43.86	7.11	50.97	110.80	-59.83
5875.00	Peak	43.88	7.10	50.98	105.20	-54.22
5925.00	Peak	44.02	7.12	51.14	68.20	-17.06

Test Mode	IEEE 802.11a / 5825 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		



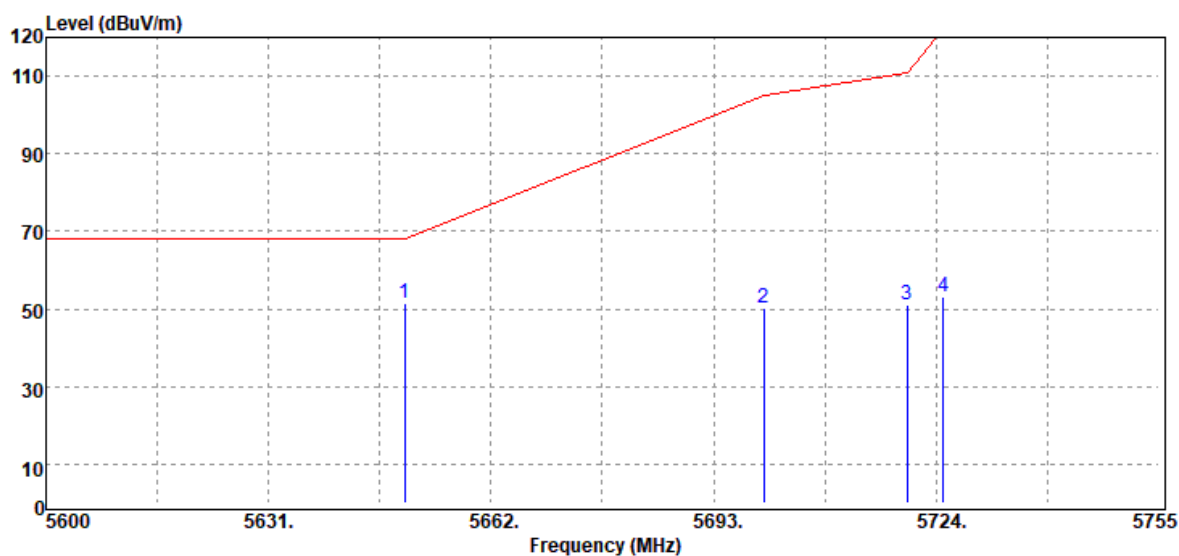
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.00	Peak	43.20	7.11	50.31	122.20	-71.89
5855.00	Peak	43.59	7.11	50.70	110.80	-60.10
5875.00	Peak	44.02	7.10	51.12	105.20	-54.08
5925.00	Peak	43.64	7.12	50.76	68.20	-17.44

Test Mode	IEEE 802.11n 20 MHz / 5745 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		



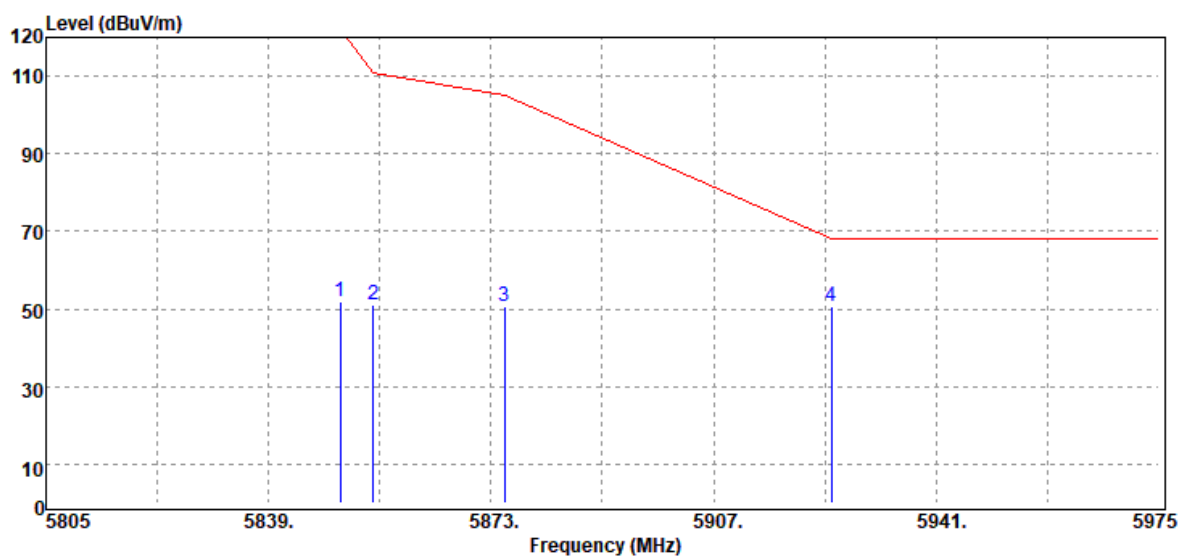
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.00	Peak	44.71	6.61	51.32	68.20	-16.88
5700.00	Peak	43.90	6.92	50.82	105.20	-54.38
5720.00	Peak	44.81	6.97	51.78	110.80	-59.02
5725.00	Peak	52.78	6.98	59.76	122.20	-62.44

Test Mode	IEEE 802.11n 20 MHz / 5745 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		



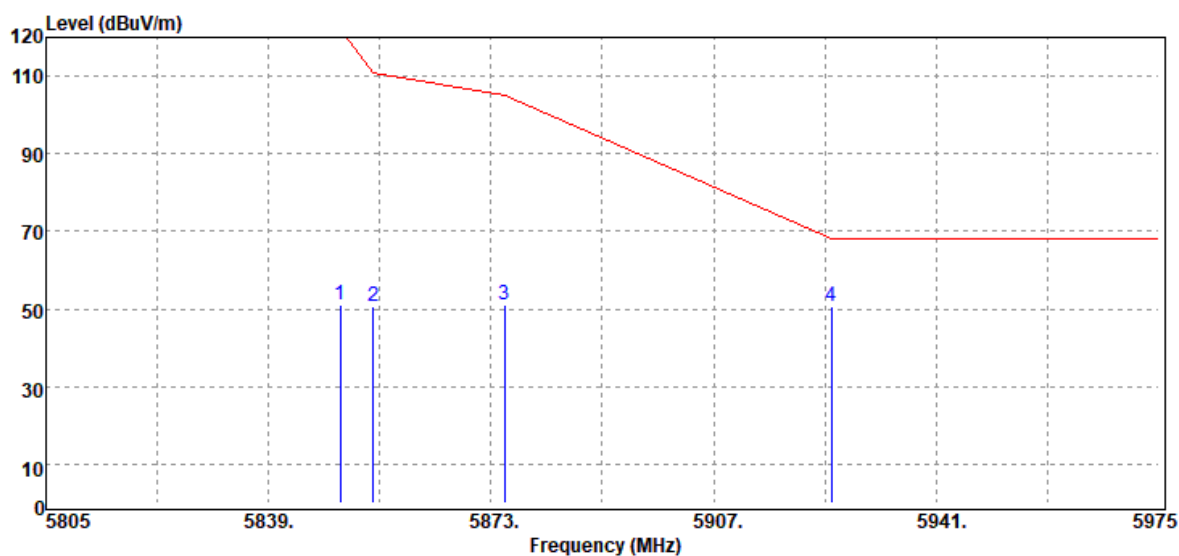
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.00	Peak	44.72	6.61	51.33	68.20	-16.87
5700.00	Peak	43.44	6.92	50.36	105.20	-54.84
5720.00	Peak	44.06	6.97	51.03	110.80	-59.77
5725.00	Peak	46.04	6.98	53.02	122.20	-69.18

Test Mode	IEEE 802.11n 20 MHz / 5825 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		



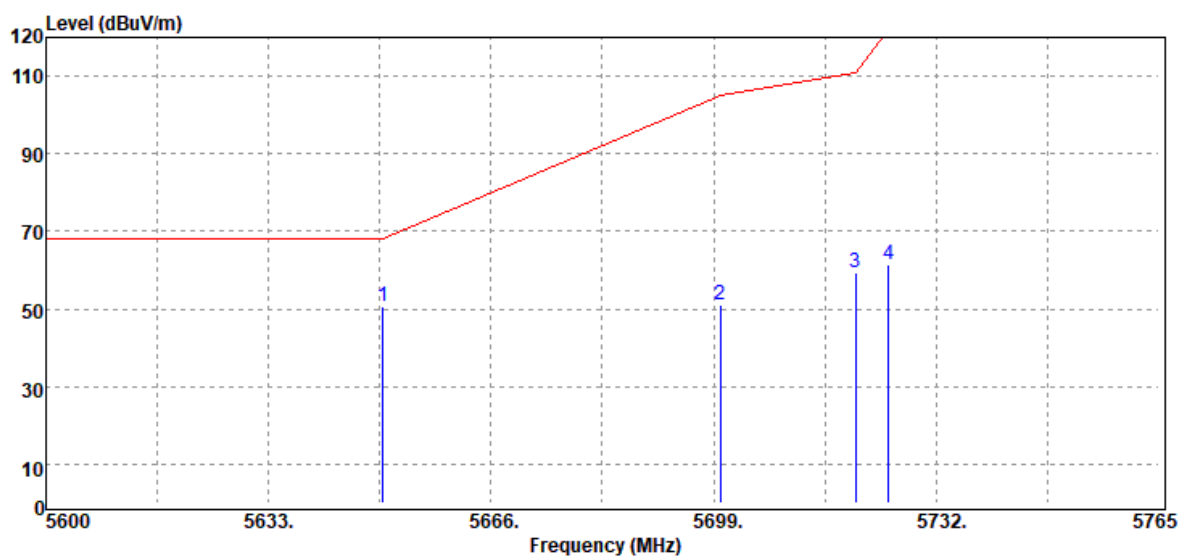
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.00	Peak	44.80	7.11	51.91	122.20	-70.29
5855.00	Peak	43.81	7.11	50.92	110.80	-59.88
5875.00	Peak	43.74	7.10	50.84	105.20	-54.36
5925.00	Peak	43.51	7.12	50.63	68.20	-17.57

Test Mode	IEEE 802.11n 20 MHz / 5825 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		



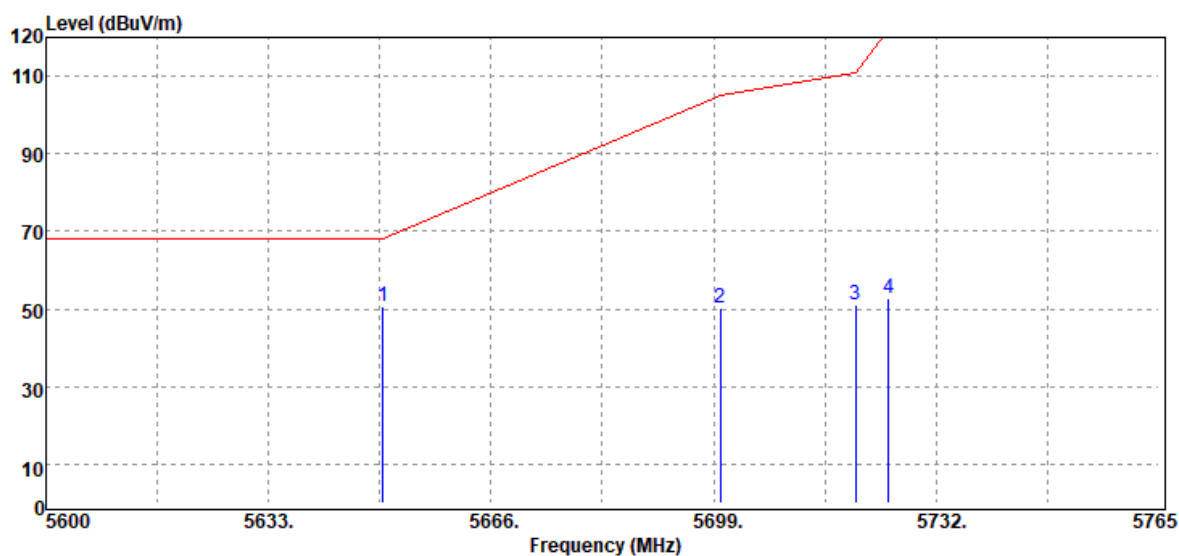
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5850.00	Peak	43.85	7.11	50.96	122.20	-71.24
5855.00	Peak	43.72	7.11	50.83	110.80	-59.97
5875.00	Peak	43.95	7.10	51.05	105.20	-54.15
5925.00	Peak	43.44	7.12	50.56	68.20	-17.64

Test Mode	IEEE 802.11n 40 MHz/ 5755 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		



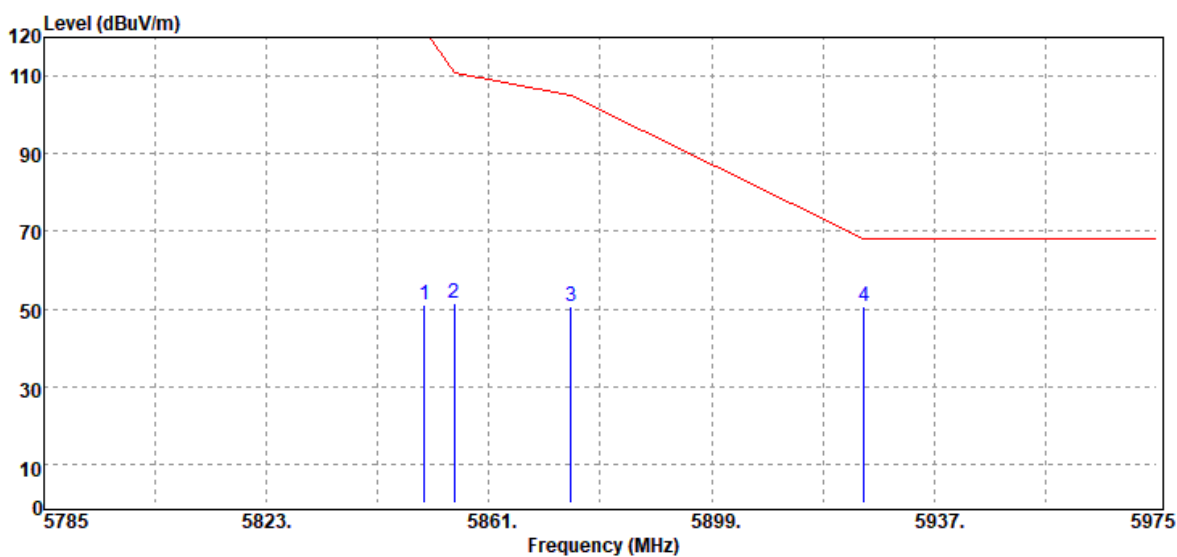
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.00	Peak	44.16	6.61	50.77	68.20	-17.43
5700.00	Peak	44.29	6.92	51.21	105.20	-53.99
5720.00	Peak	52.47	6.97	59.44	110.80	-51.36
5725.00	Peak	54.52	6.98	61.50	122.20	-60.70

Test Mode	IEEE 802.11n 40 MHz/ 5755 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		



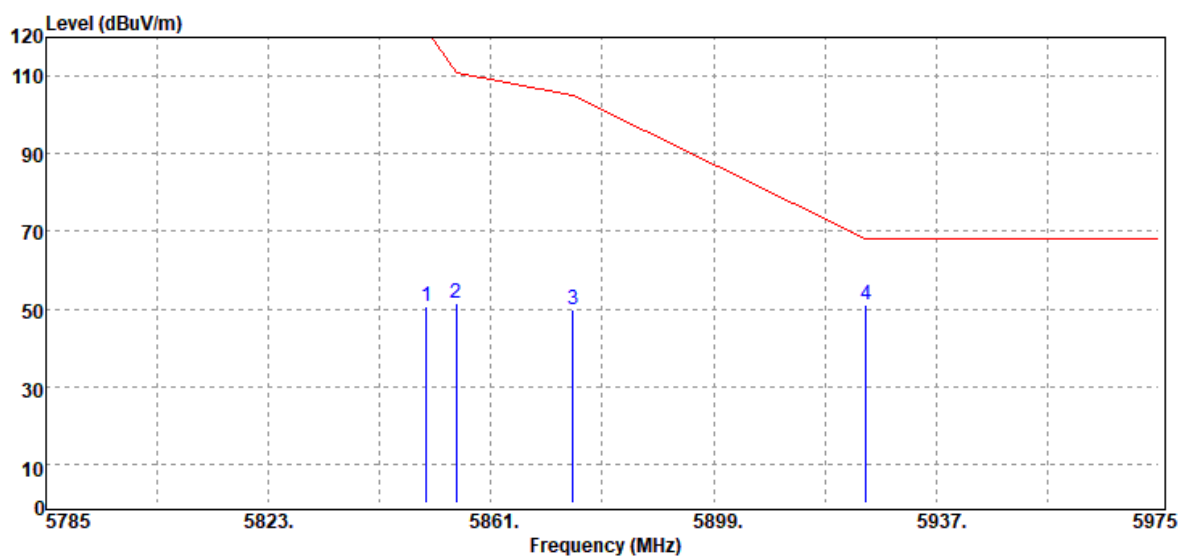
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.00	Peak	44.05	6.61	50.66	68.20	-17.54
5700.00	Peak	43.37	6.92	50.29	105.20	-54.91
5720.00	Peak	43.91	6.97	50.88	110.80	-59.92
5725.00	Peak	45.63	6.98	52.61	122.20	-69.59

Test Mode	IEEE 802.11n 40 MHz/ 5795 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		



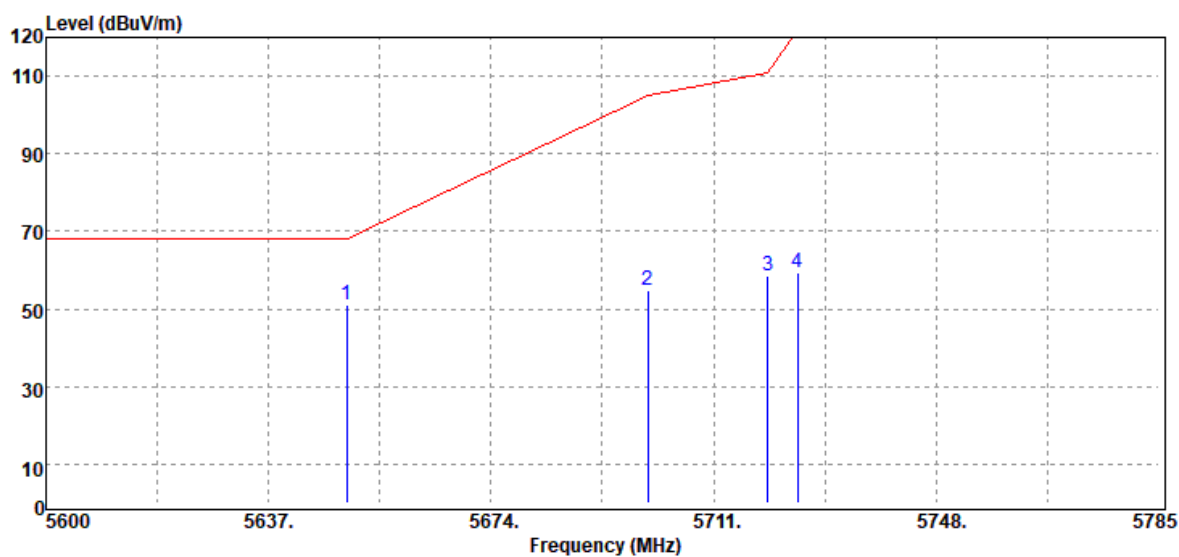
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.00	Peak	43.77	7.11	50.88	122.20	-71.32
5855.00	Peak	44.36	7.11	51.47	110.80	-59.33
5875.00	Peak	43.66	7.10	50.76	105.20	-54.44
5925.00	Peak	43.40	7.12	50.52	68.20	-17.68

Test Mode	IEEE 802.11n 40 MHz/ 5795 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		



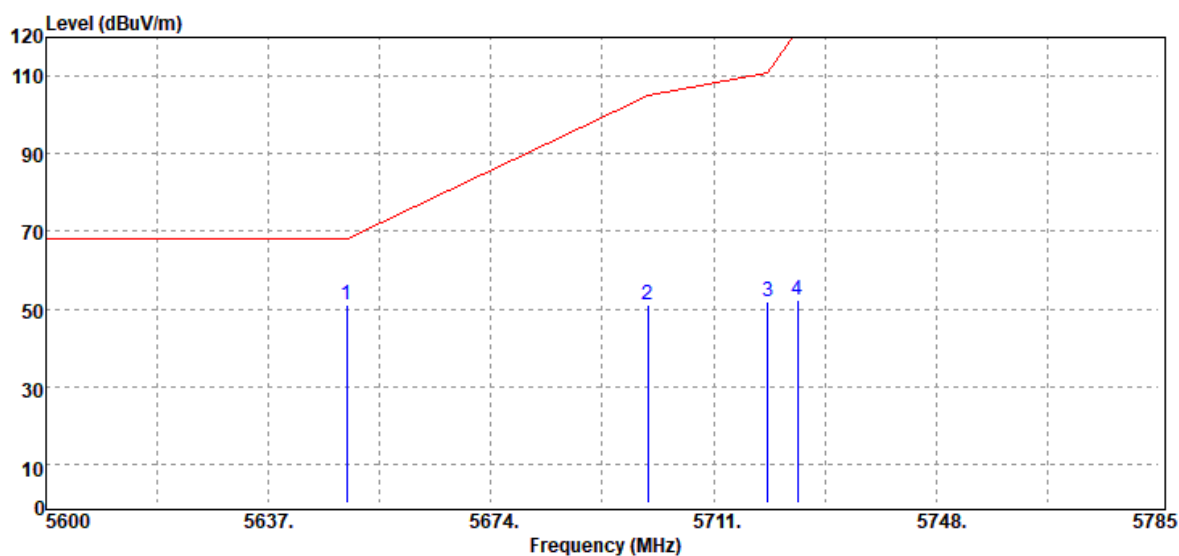
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.00	Peak	43.44	7.11	50.55	122.20	-71.65
5855.00	Peak	44.19	7.11	51.30	110.80	-59.50
5875.00	Peak	42.62	7.10	49.72	105.20	-55.48
5925.00	Peak	43.83	7.12	50.95	68.20	-17.25

Test Mode	IEEE 802.11ac VHT80 / 5775 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		



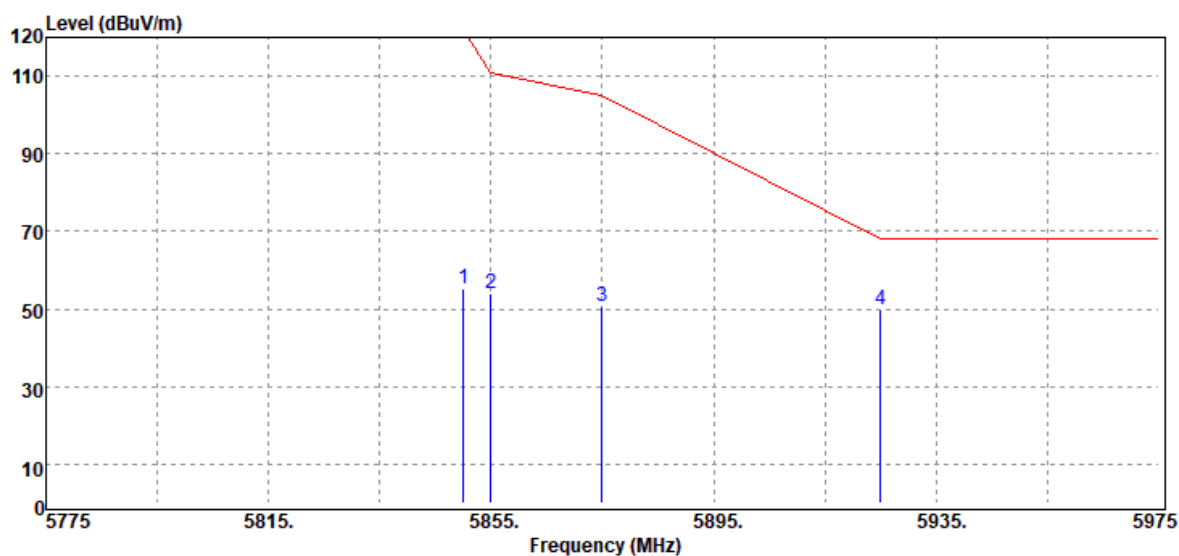
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.00	Peak	44.29	6.61	50.90	68.20	-17.30
5700.00	Peak	47.94	6.92	54.86	105.20	-50.34
5720.00	Peak	51.40	6.97	58.37	110.80	-52.43
5725.00	Peak	52.27	6.98	59.25	122.20	-62.95

Test Mode	IEEE 802.11ac VHT80 / 5775 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		



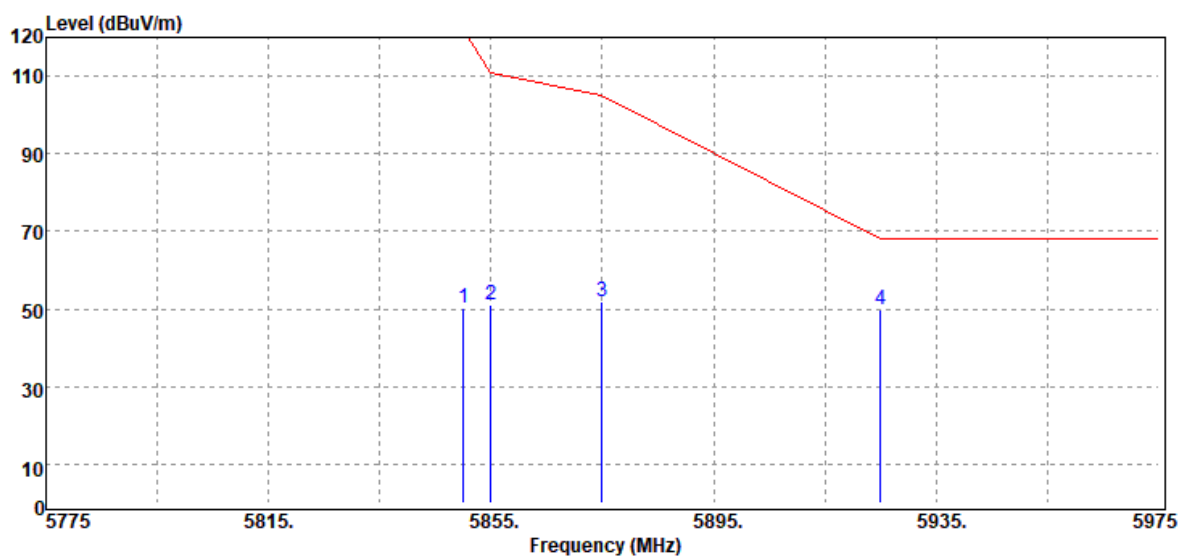
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.00	Peak	44.47	6.61	51.08	68.20	-17.12
5700.00	Peak	44.35	6.92	51.27	105.20	-53.93
5720.00	Peak	44.77	6.97	51.74	110.80	-59.06
5725.00	Peak	45.48	6.98	52.46	122.20	-69.74

Test Mode	IEEE 802.11ac VHT80 / 5775 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		



Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.00	Peak	48.31	7.11	55.42	122.20	-66.78
5855.00	Peak	46.95	7.11	54.06	110.80	-56.74
5875.00	Peak	43.68	7.10	50.78	105.20	-54.42
5925.00	Peak	42.82	7.12	49.94	68.20	-18.26

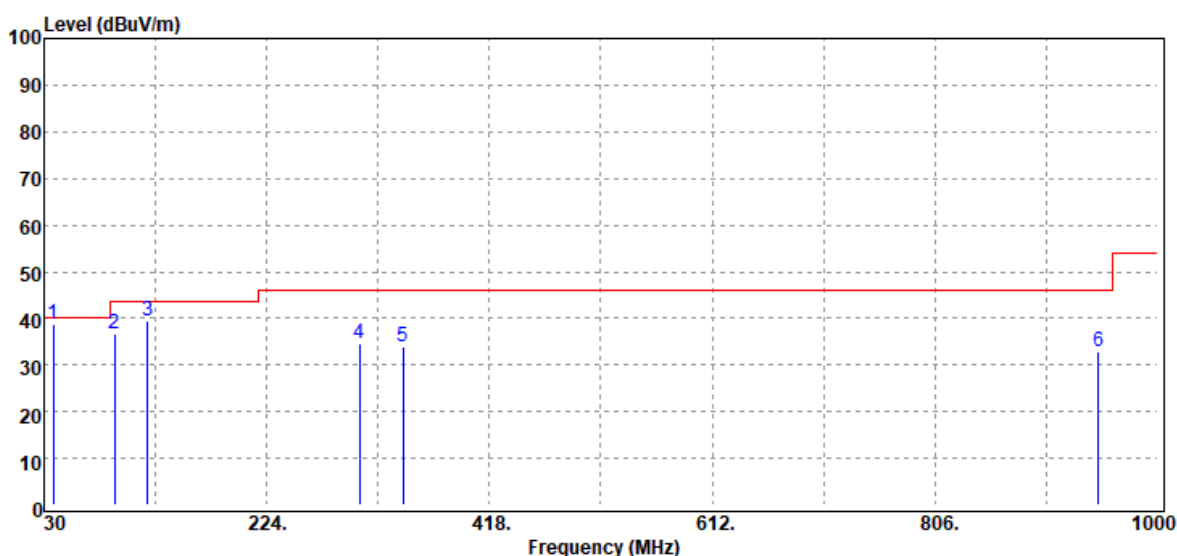
Test Mode	IEEE 802.11ac VHT80 / 5775 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Band Edge	Test Date	April 6, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		



Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.00	Peak	43.11	7.11	50.22	122.20	-71.98
5855.00	Peak	43.87	7.11	50.98	110.80	-59.82
5875.00	Peak	44.74	7.10	51.84	105.20	-53.36
5925.00	Peak	42.83	7.12	49.95	68.20	-18.25

Below 1G Test Data

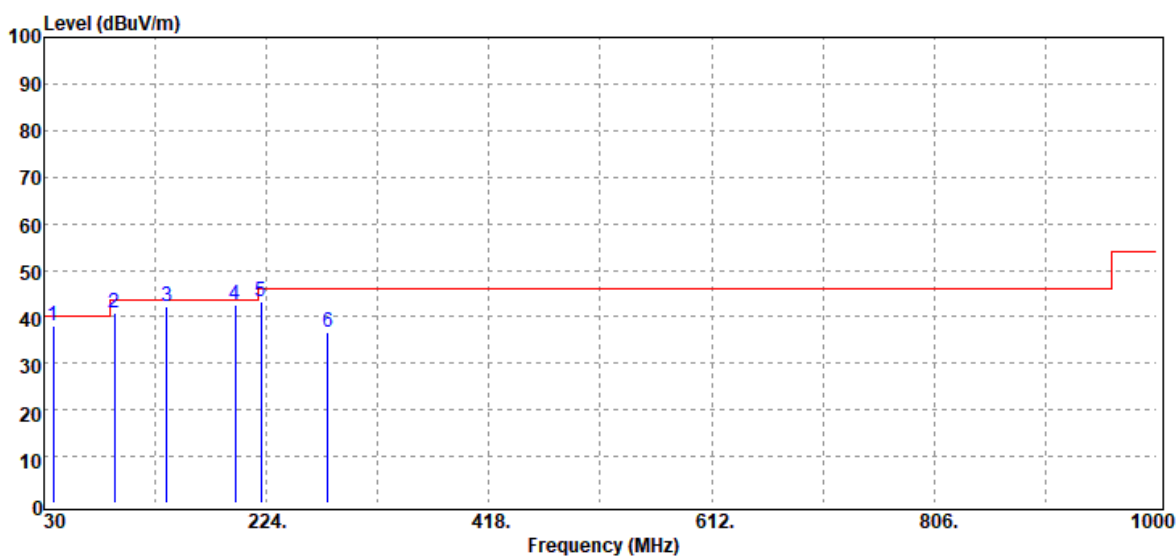
Test Mode	Mode 1	Temp/Hum	22.1(°C)/ 58%RH
Test Item	30MHz-1GHz	Test Date	April 7, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
37.76	Peak	46.69	-8.06	38.63	40.00	-1.37
91.11	Peak	52.04	-15.34	36.70	43.50	-6.80
120.21	Peak	48.57	-9.17	39.40	43.50	-4.10
304.51	Peak	43.13	-8.36	34.77	46.00	-11.23
342.34	Peak	41.49	-7.59	33.90	46.00	-12.10
948.59	Peak	28.93	4.08	33.01	46.00	-12.99

Note: 1. No emission found between lowest internal used/generated frequency to 30MHz(9KHz~30MHz)
2. For below 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit.

Test Mode	Mode 1	Temp/Hum	22.1(°C)/ 58%RH
Test Item	30MHz-1GHz	Test Date	April 7, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		

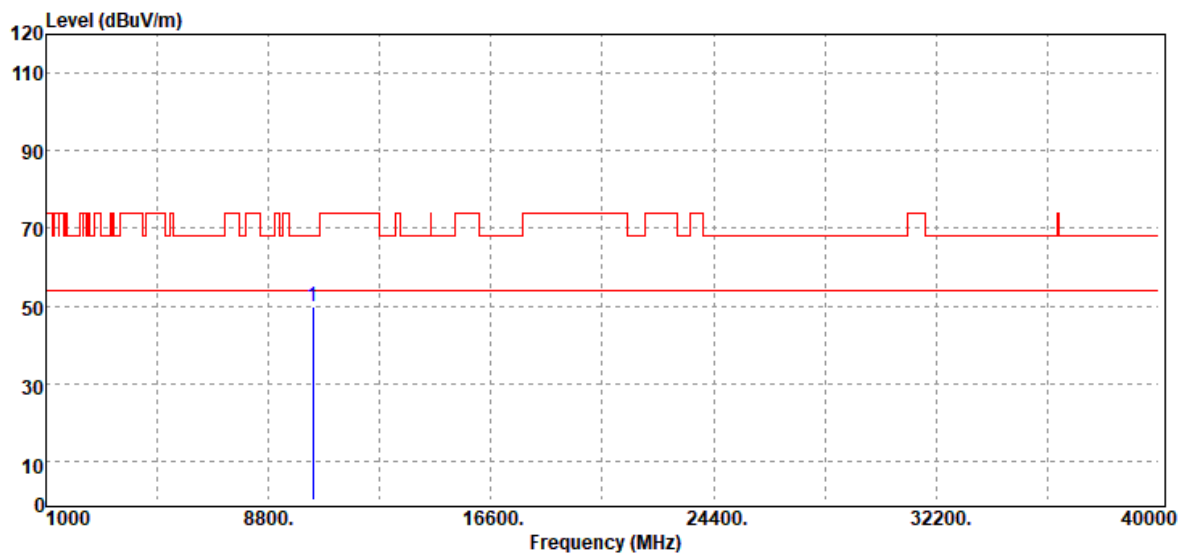


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
37.76	Peak	46.09	-8.06	38.03	40.00	-1.97
91.11	Peak	56.34	-15.34	41.00	43.50	-2.50
136.70	Peak	51.66	-9.60	42.06	43.50	-1.44
196.84	Peak	52.41	-9.91	42.50	43.50	-1.00
219.15	Peak	55.17	-11.75	43.42	46.00	-2.58
277.35	Peak	45.42	-8.64	36.78	46.00	-9.22

Note: 1. No emission found between lowest internal used/generated frequency to 30MHz(9KHz~30MHz)
2. For below 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit.

Above 1G**Test Data for UNII-1**

Test Mode	IEEE 802.11a / 5180MHZ	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		

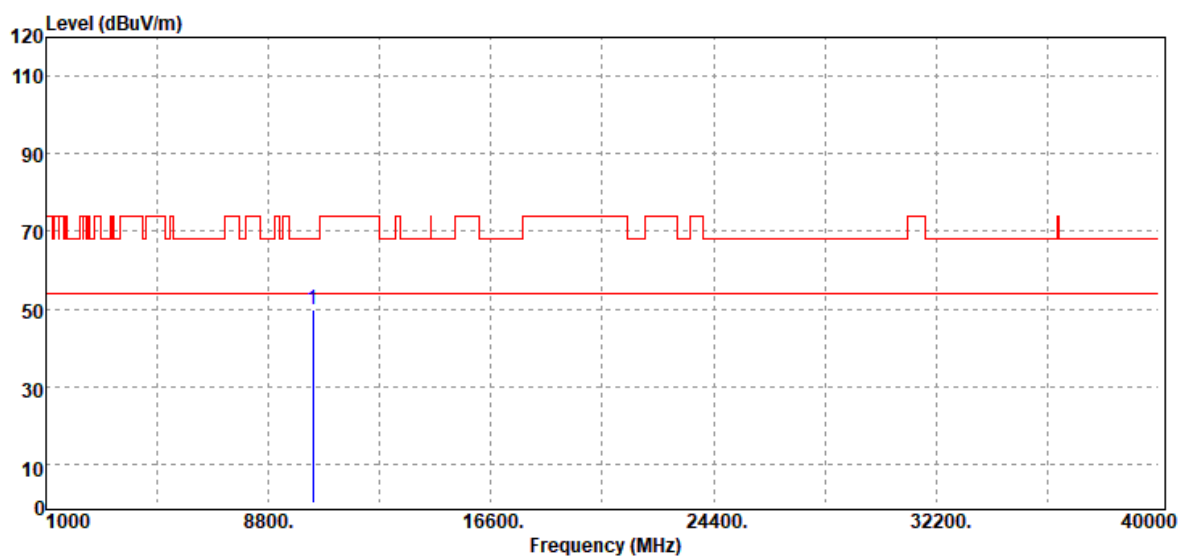


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10360.00	Peak	34.90	15.04	49.94	68.20	-18.26
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11a / 5180MHZ	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		

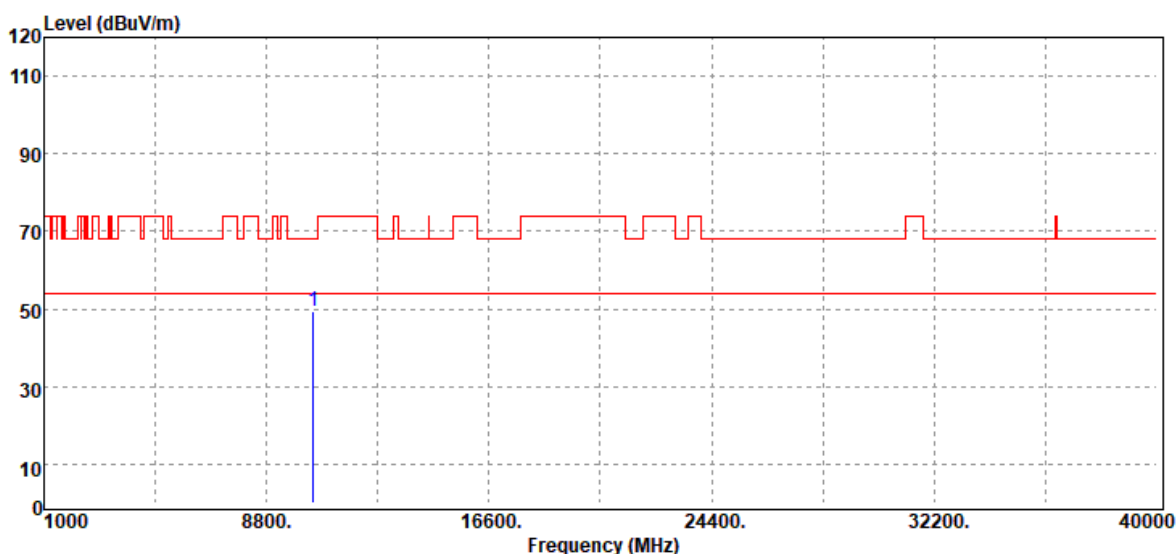


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10360.00	Peak	34.92	15.04	49.96	68.20	-18.24
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11a / 5220 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonics	Test Date	April 7, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		

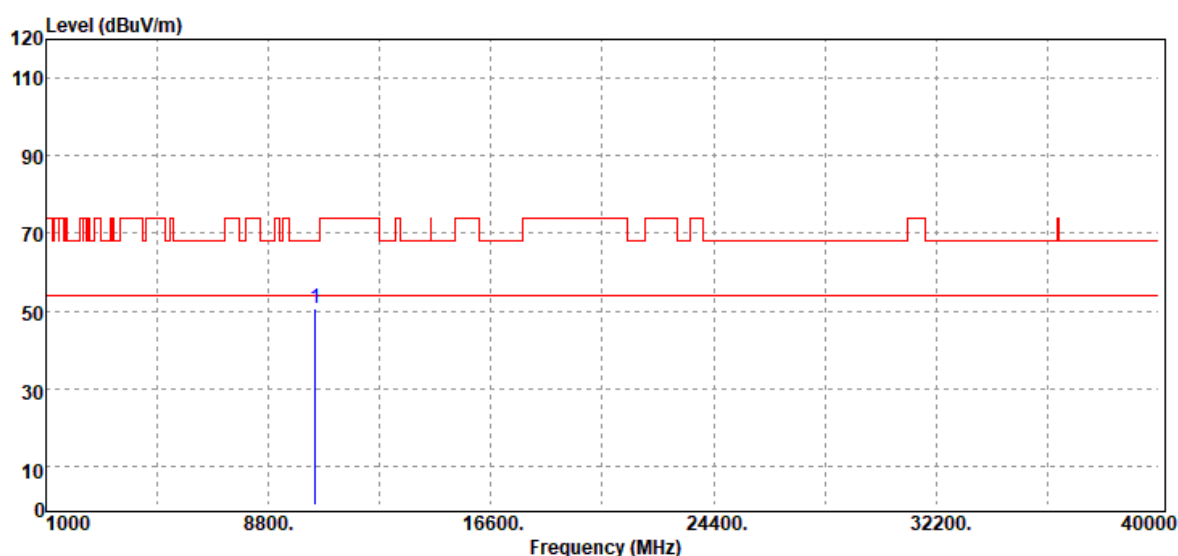


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10440.00	Peak	34.35	15.11	49.46	68.20	-18.74
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11a / 5220 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10440.00	Peak	35.45	15.11	50.56	68.20	-17.64
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11a / 5240MHZ	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10480.00	Peak	33.43	15.09	48.52	68.20	-19.68
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11a / 5240MHZ	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		

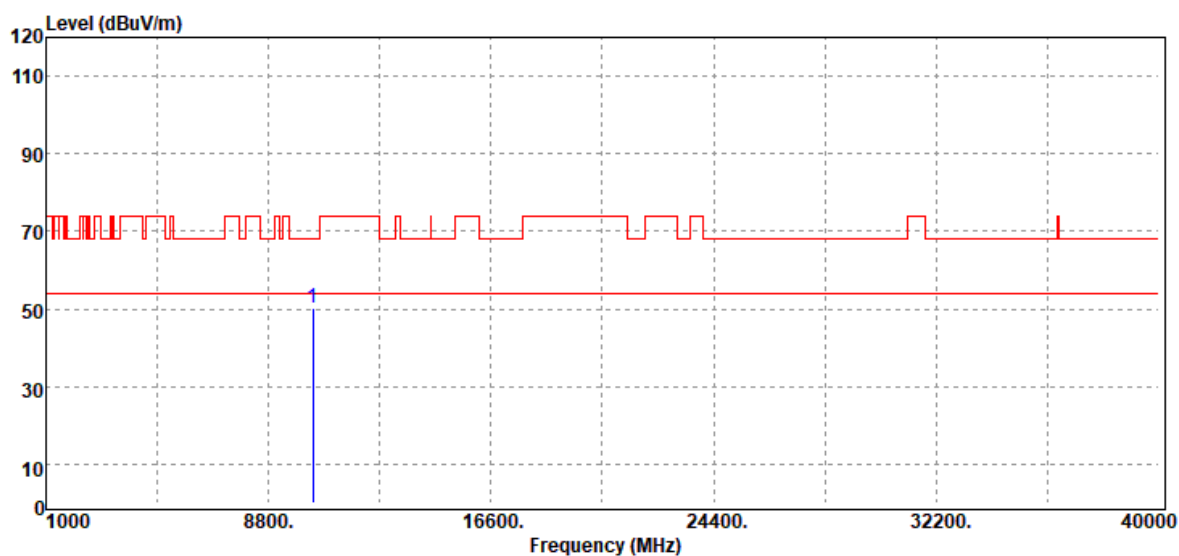


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10480.00	Peak	33.66	15.09	48.75	68.20	-19.45
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 20 MHz / 5180MHZ	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		

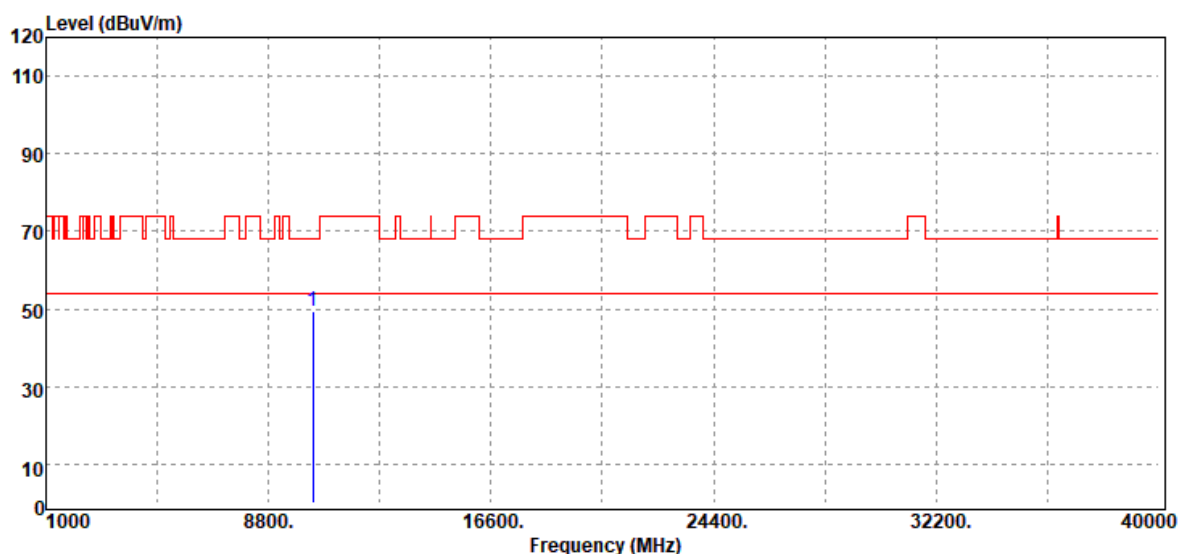


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10360.00	Peak	35.06	15.04	50.10	68.20	-18.10
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 20 MHz/ 5180MHZ	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		

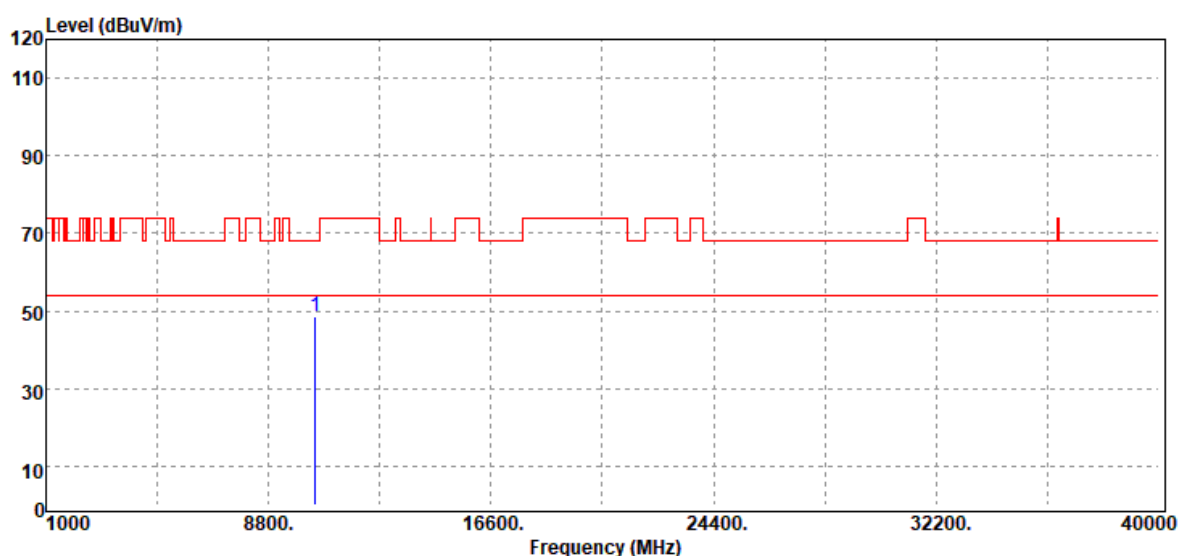


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10360.00	Peak	34.48	15.04	49.52	68.20	-18.68
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 20 MHz / 5220MHZ	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		

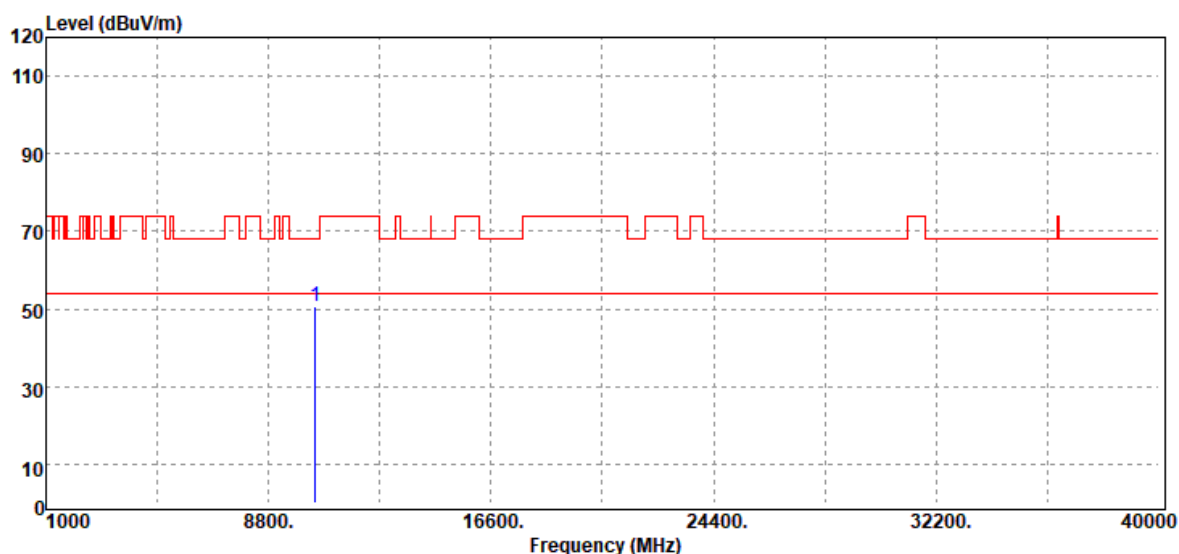


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10440.00	Peak	33.59	15.11	48.70	68.20	-19.50
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 20 MHz / 5220MHZ	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		

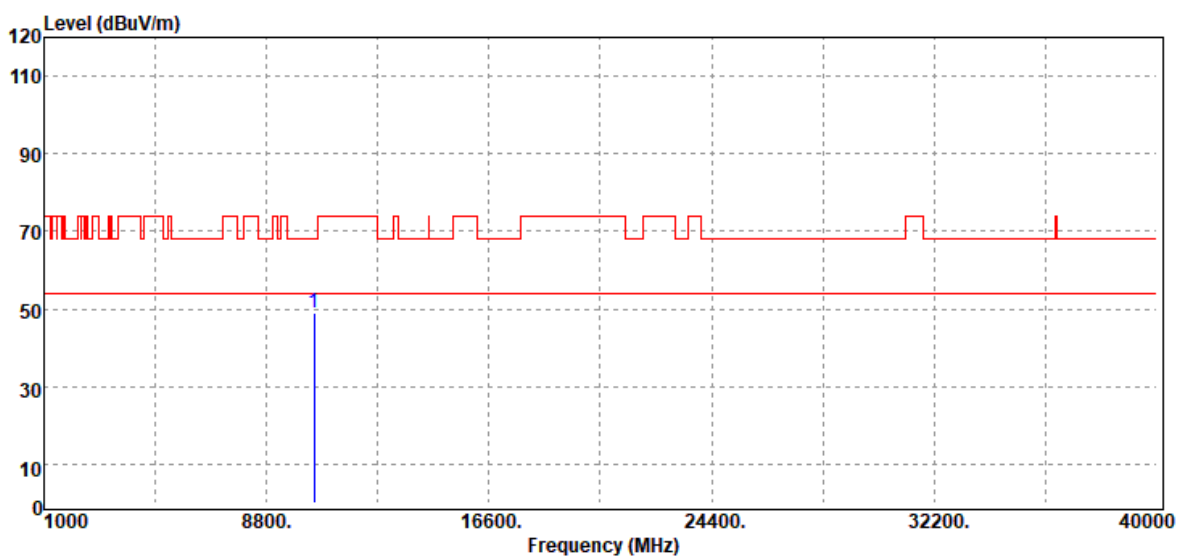


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10440.00	Peak	35.71	15.11	50.82	68.20	-17.38
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 20 MHz / 5240MHZ	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		

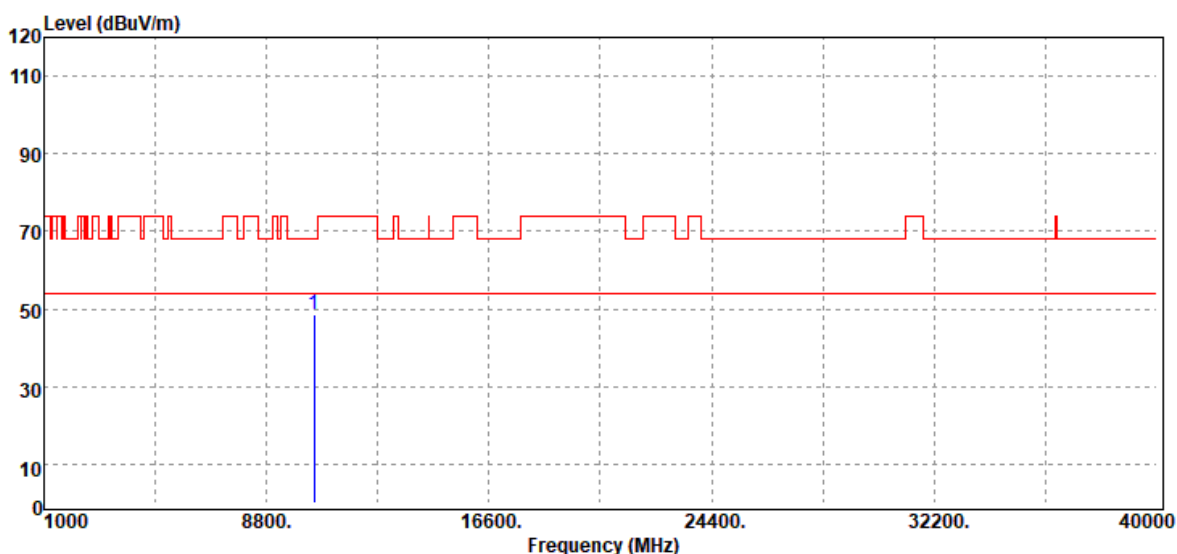


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10480.00	Peak	33.98	15.09	49.07	68.20	-19.13
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 20 MHz / 5240MHZ	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		

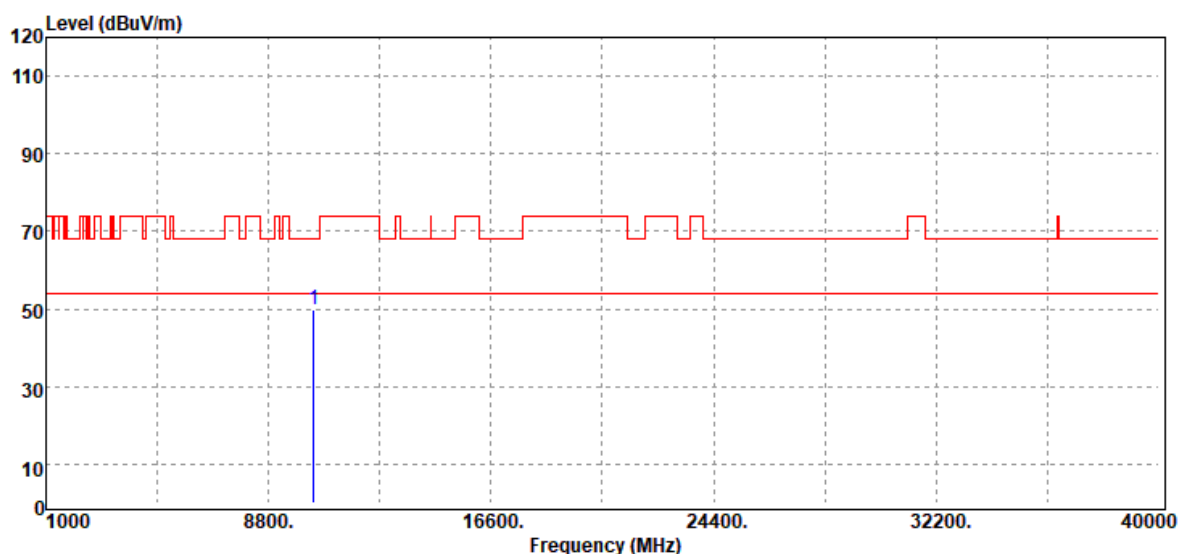


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10480.00	Peak	33.61	15.09	48.70	68.20	-19.50
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 40 MHz / 5190MHZ	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		

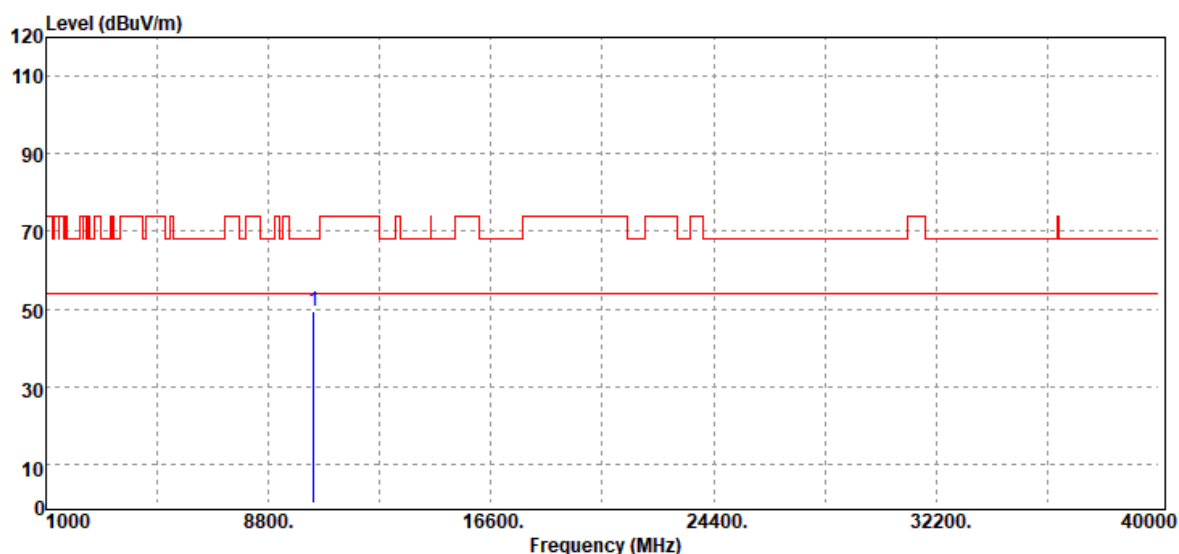


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10380.00	Peak	34.75	14.99	49.74	68.20	-18.46
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 40 MHz / 5190MHZ	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		

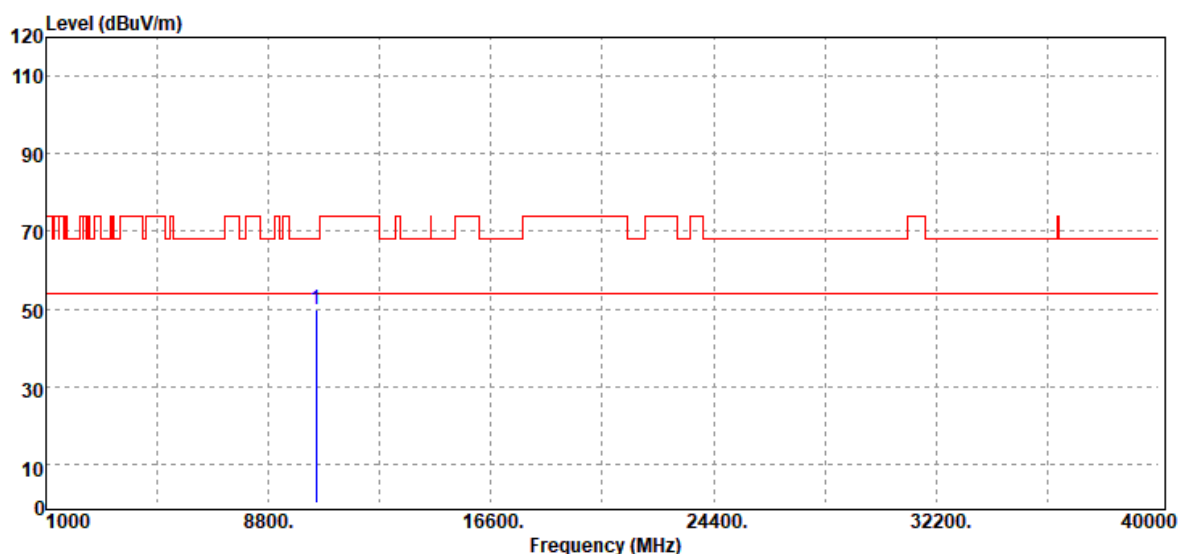


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10380.00	Peak	34.44	14.99	49.43	68.20	-18.77
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 40 MHz / 5230MHZ	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		

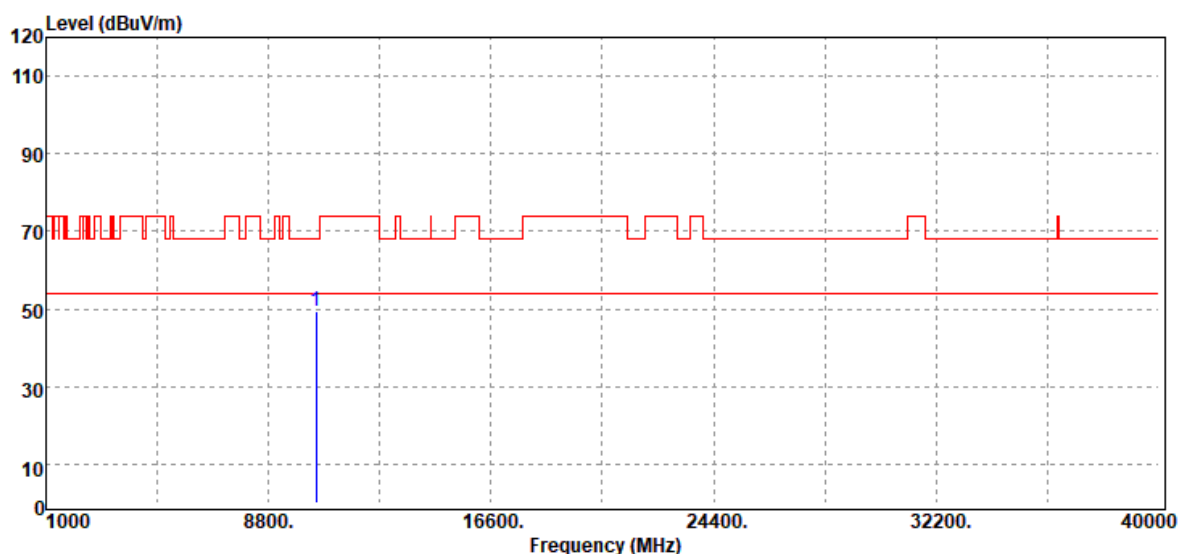


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10460.00	Peak	34.88	15.13	50.01	68.20	-18.19
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 40 MHz / 5230MHZ	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		

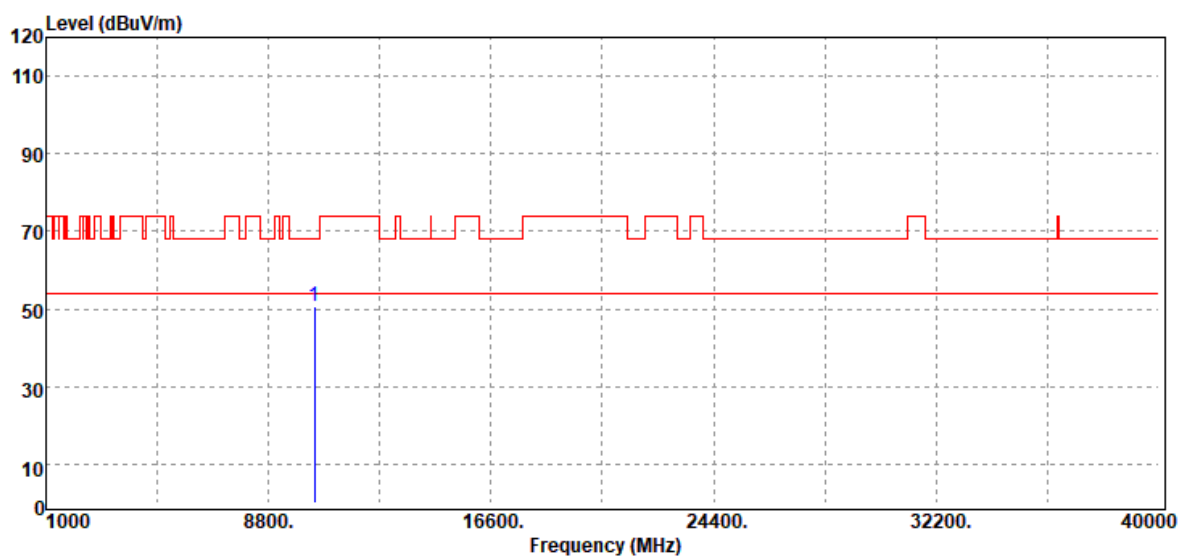


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10460.00	Peak	34.33	15.13	49.46	68.20	-18.74
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11ac VHT80 / 5210MHZ	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		

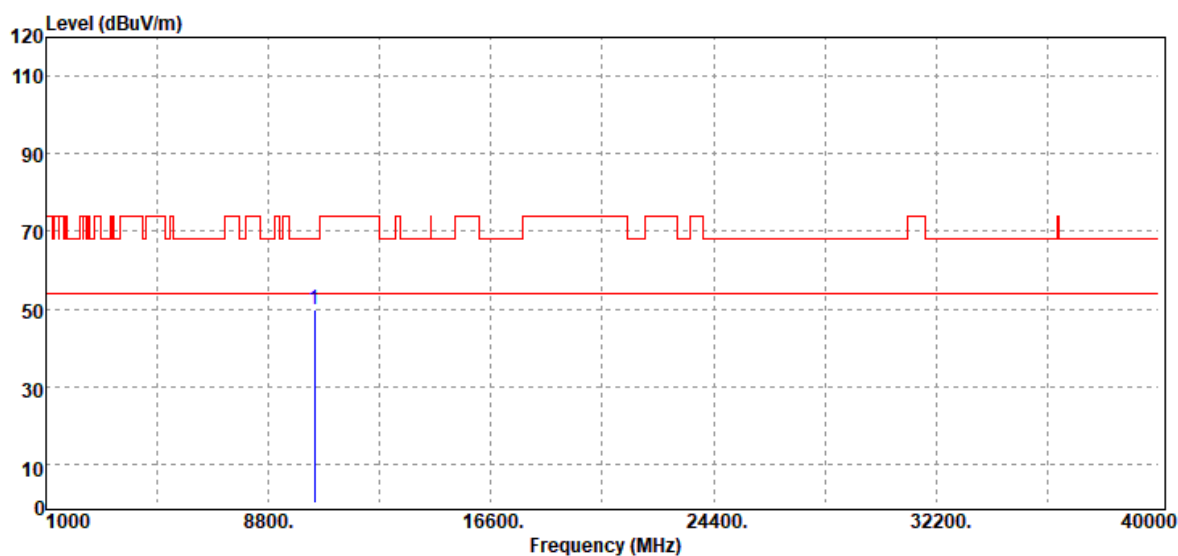


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10420.00	Peak	35.76	15.01	50.77	68.20	-17.43
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11ac VHT80 / 5210MHZ	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		



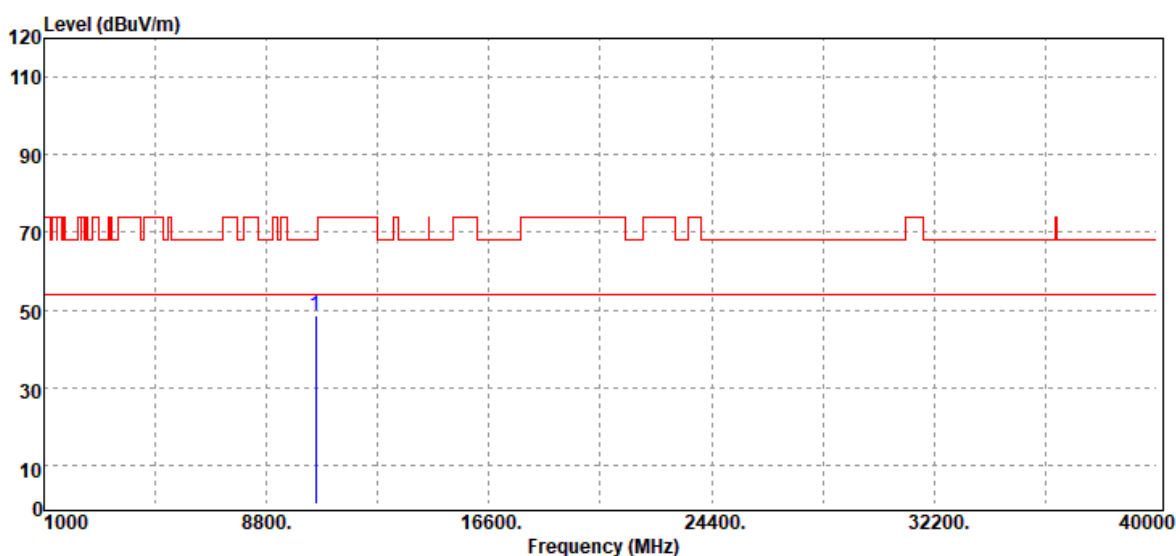
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10420.00	Peak	34.67	15.01	49.68	68.20	-18.52
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Data for UNII-2a

Test Mode	IEEE 802.11a / 5260 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10520.00	Peak	33.72	15.05	48.77	68.20	-19.43
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11a / 5260 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		

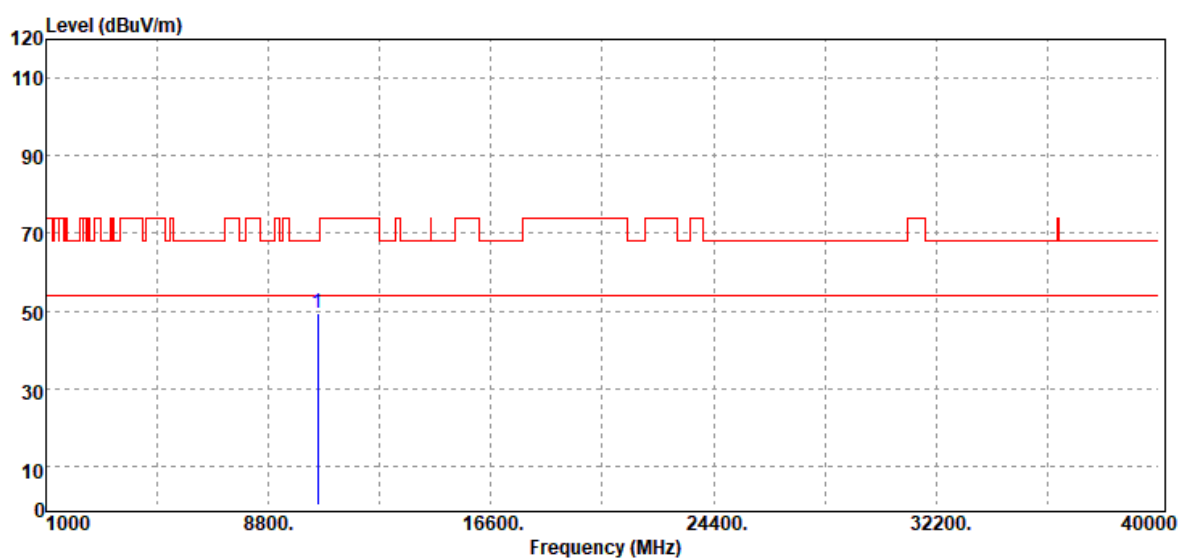


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10520.00	Peak	34.18	15.05	49.23	68.20	-18.97
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11a / 5280 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		

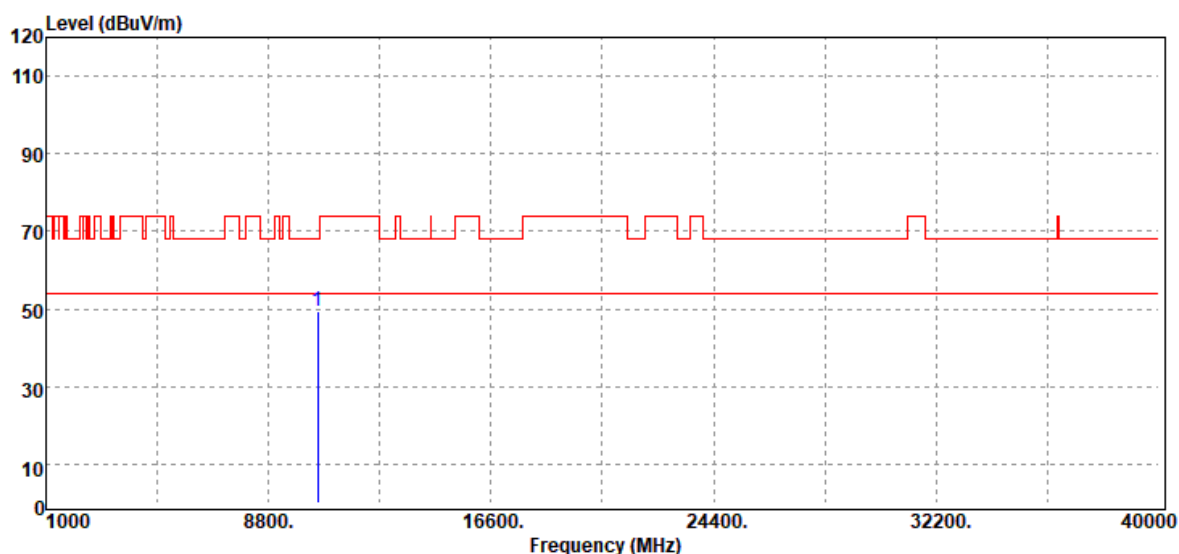


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10520.00	Peak	34.53	15.05	49.58	68.20	-18.62
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11a / 5280 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		

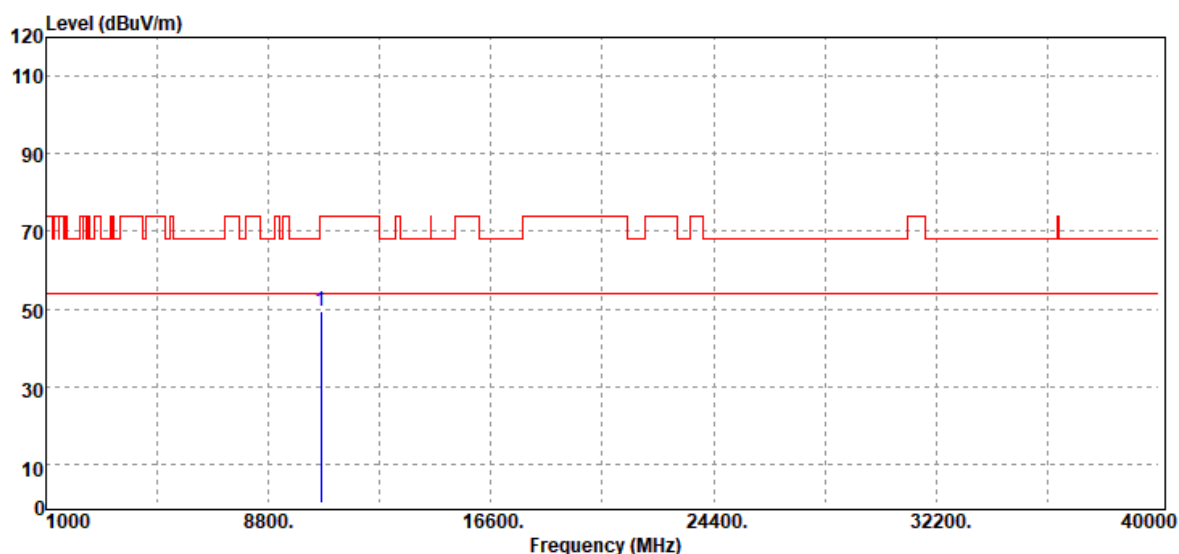


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10520.00	Peak	34.20	15.05	49.25	68.20	-18.95
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11a / 5320 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		

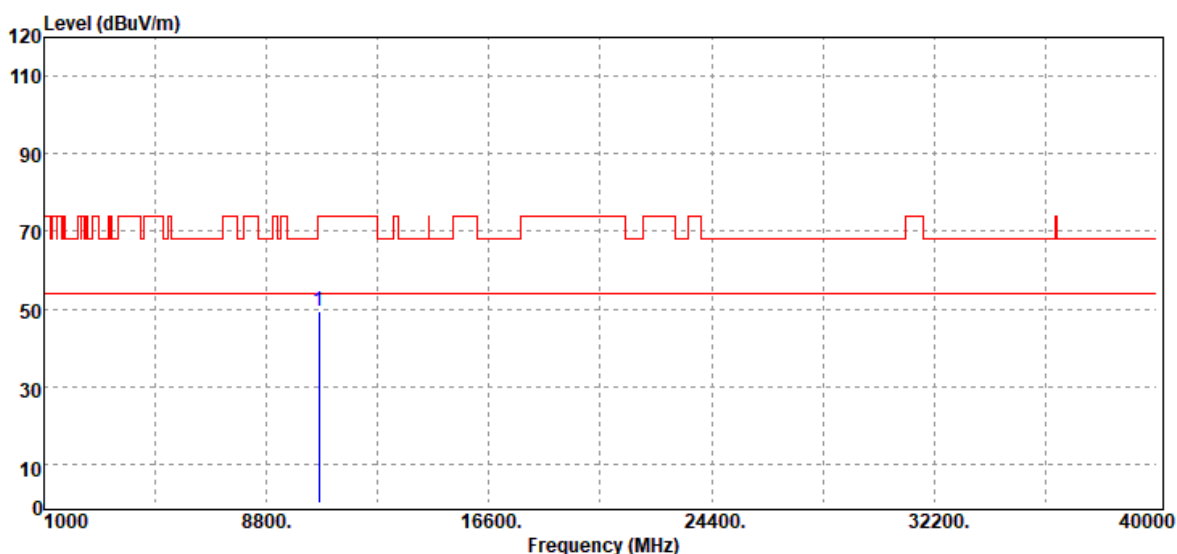


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10640.00	Peak	34.01	15.51	49.52	74.00	-24.48
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11a / 5320 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		

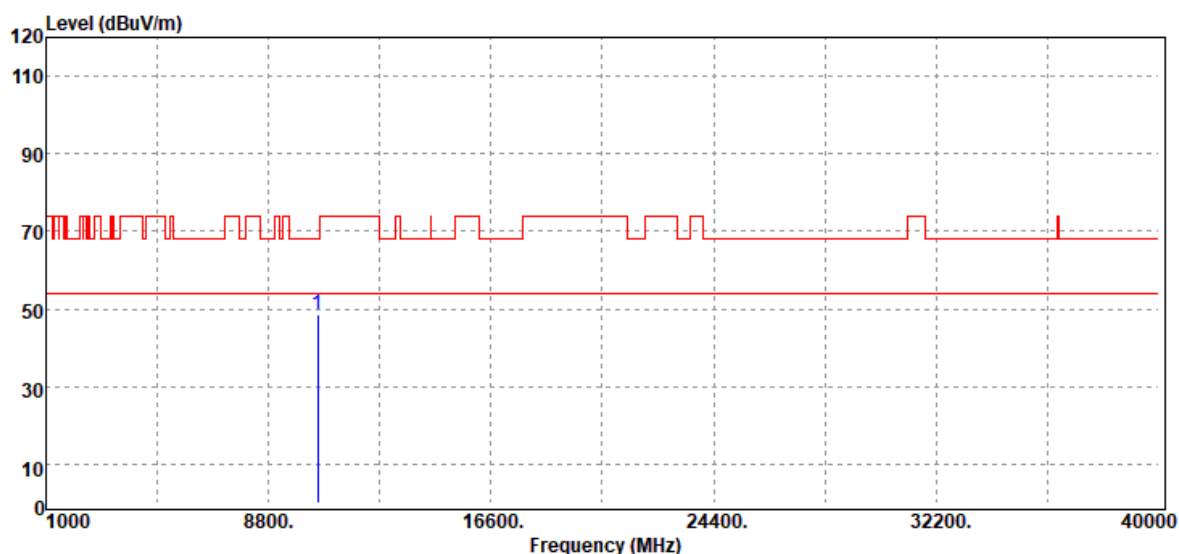


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10640.00	Peak	33.94	15.51	49.45	74.00	-24.55
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 20 MHz / 5260 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		

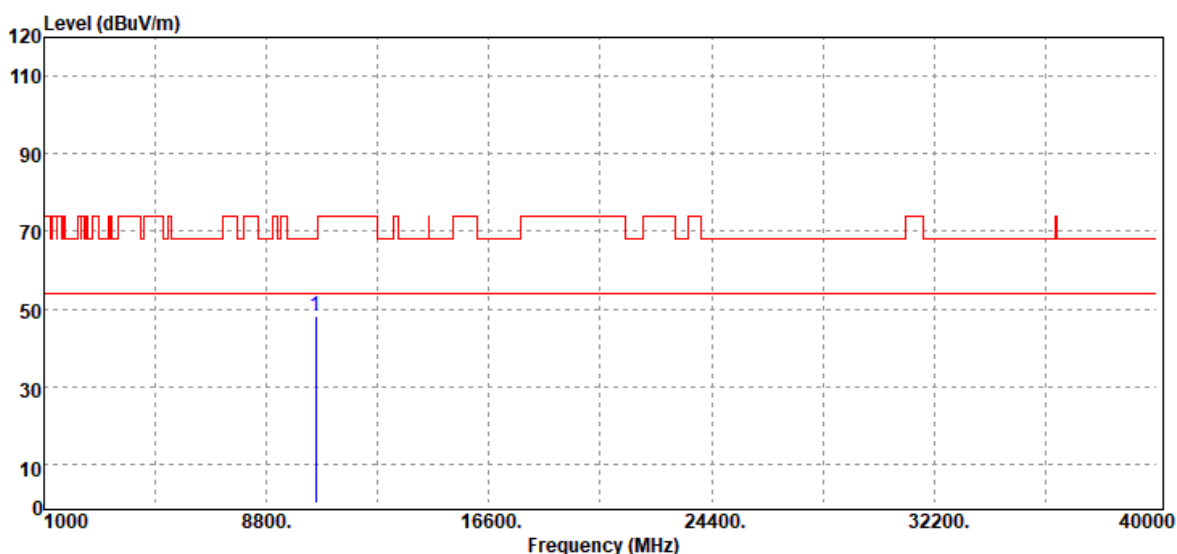


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10520.00	Peak	33.40	15.05	48.45	68.20	-19.75
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 20 MHz / 5260 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		

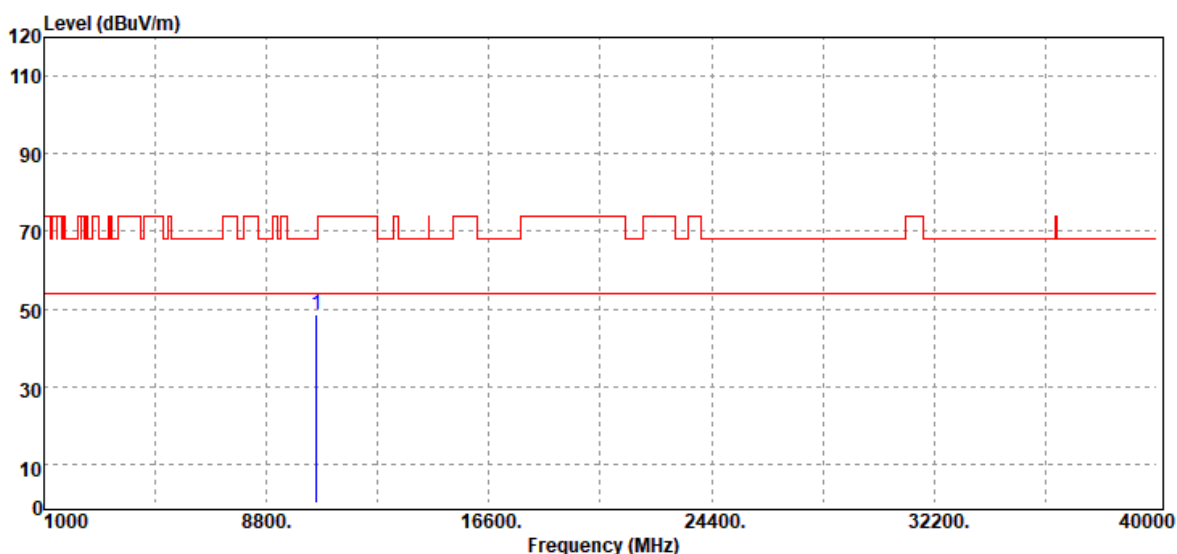


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10520.00	Peak	33.18	15.05	48.23	68.20	-19.97
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 20 MHz / 5280 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		

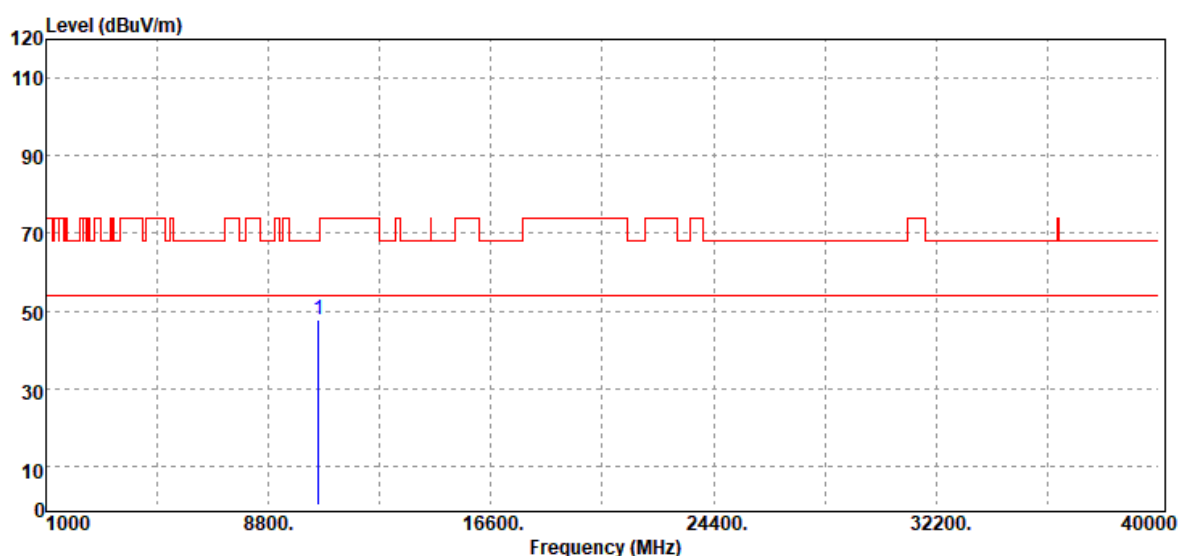


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10560.00	Peak	33.57	15.05	48.62	68.20	-19.58
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 20 MHz / 5280 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		

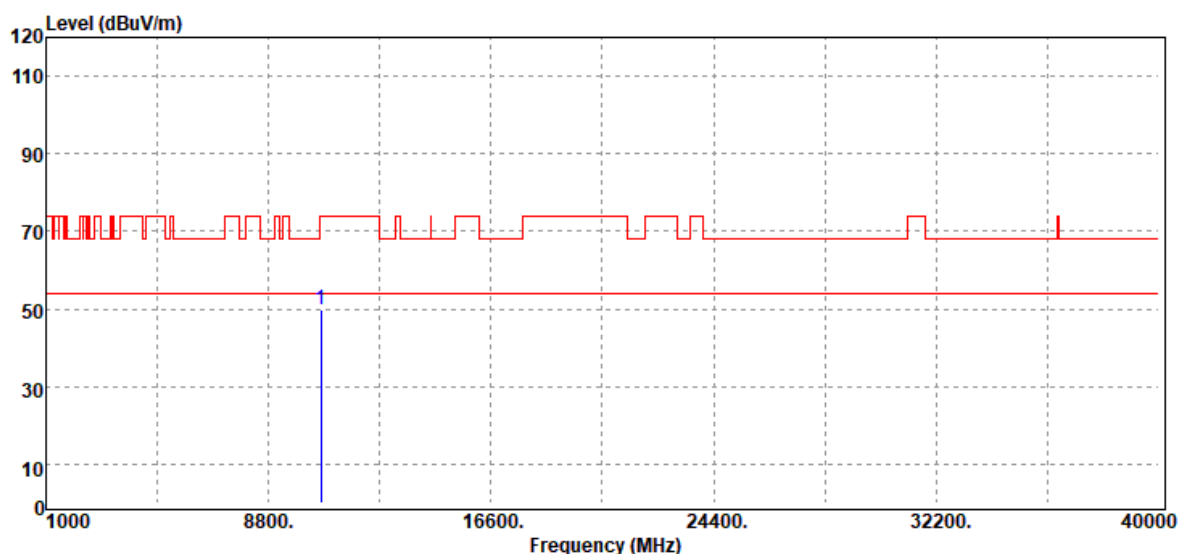


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10560.00	Peak	32.70	15.05	47.75	68.20	-20.45
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 20 MHz / 5320 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		

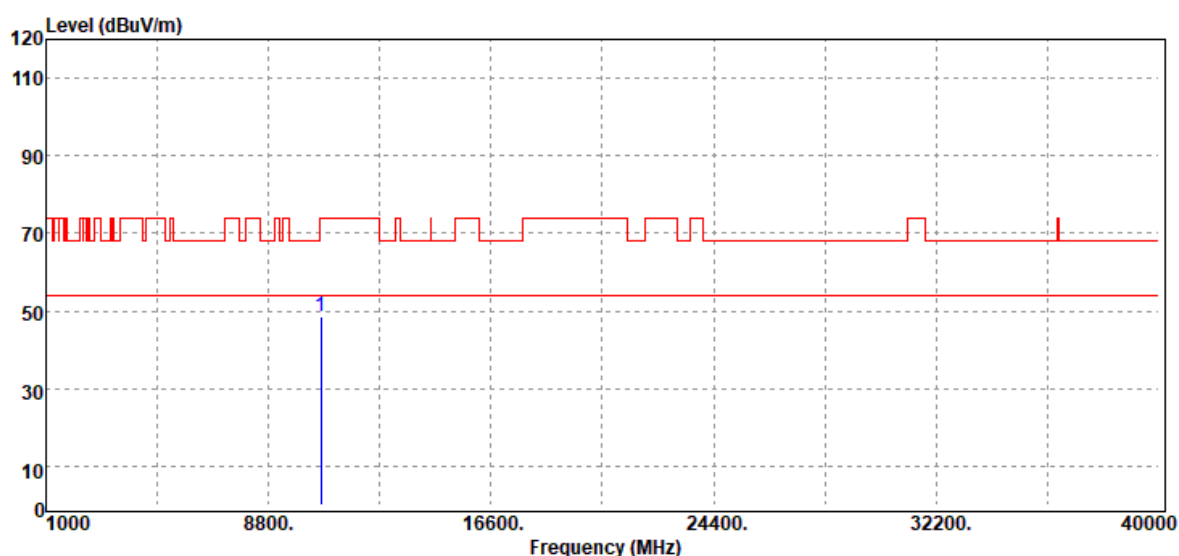


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10640.00	Peak	34.20	15.51	49.71	74.00	-24.29
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 20 MHz / 5320 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		

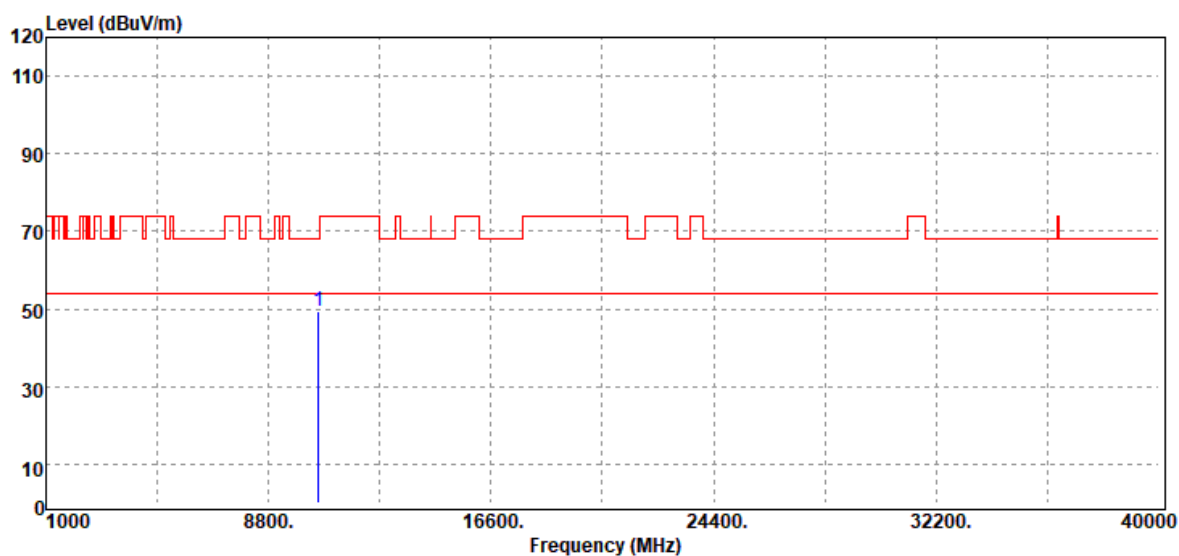


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10640.00	Peak	32.94	15.51	48.45	74.00	-25.55
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 40 MHz / 5270 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		

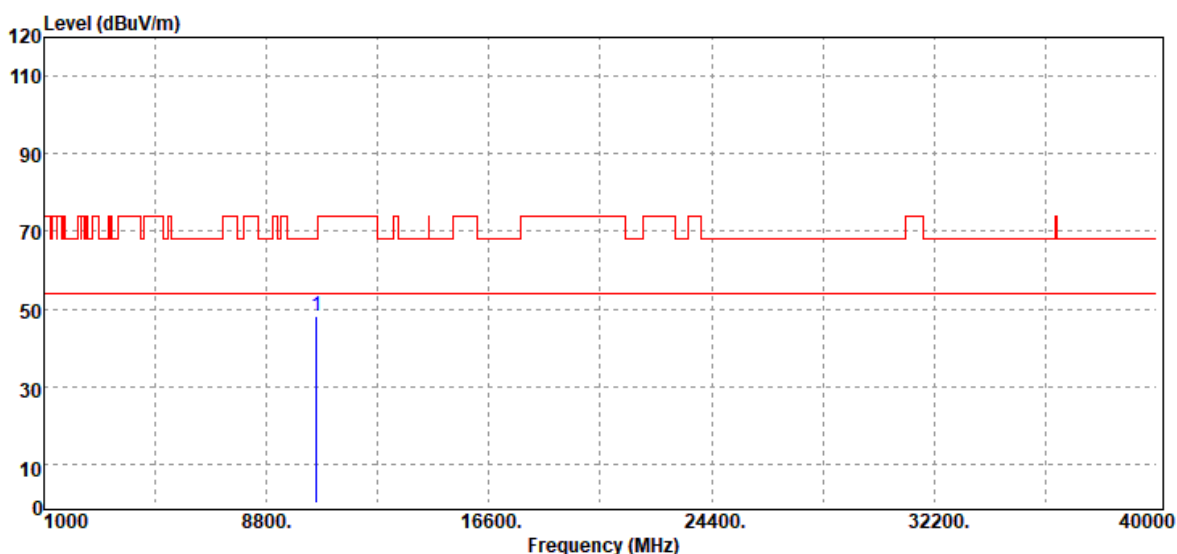


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10540.00	Peak	34.19	15.05	49.24	68.20	-18.96
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 40 MHz / 5270 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		

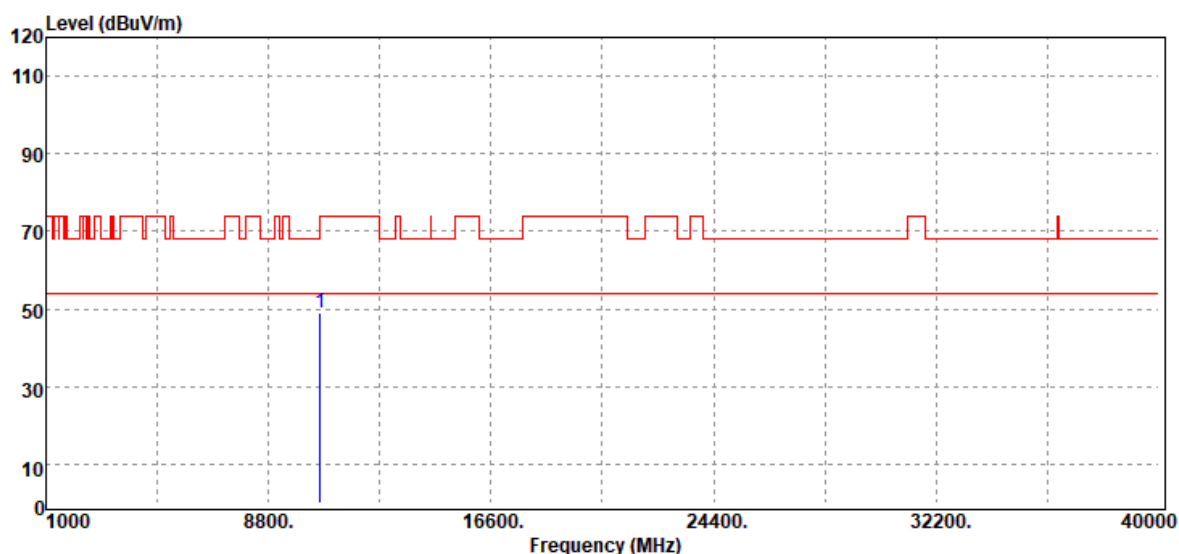


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10540.00	Peak	33.28	15.05	48.33	68.20	-19.87
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 40 MHz / 5310 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		

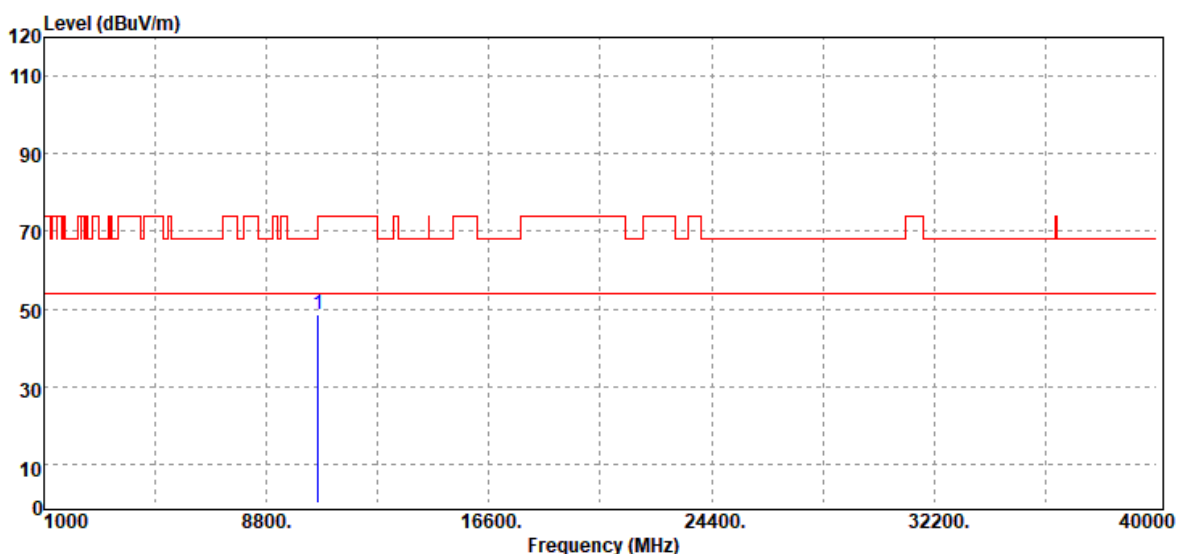


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10620.00	Peak	33.59	15.28	48.87	74.00	-25.13
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 40 MHz / 5310 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		

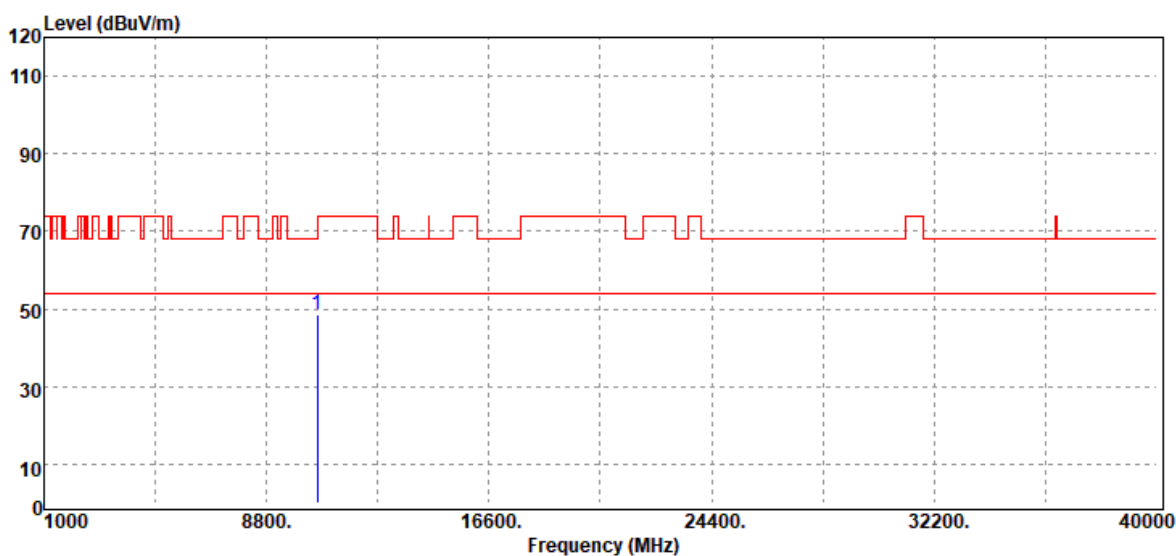


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10620.00	Peak	33.30	15.28	48.58	74.00	-25.42
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11ac VHT80 / 5290 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		

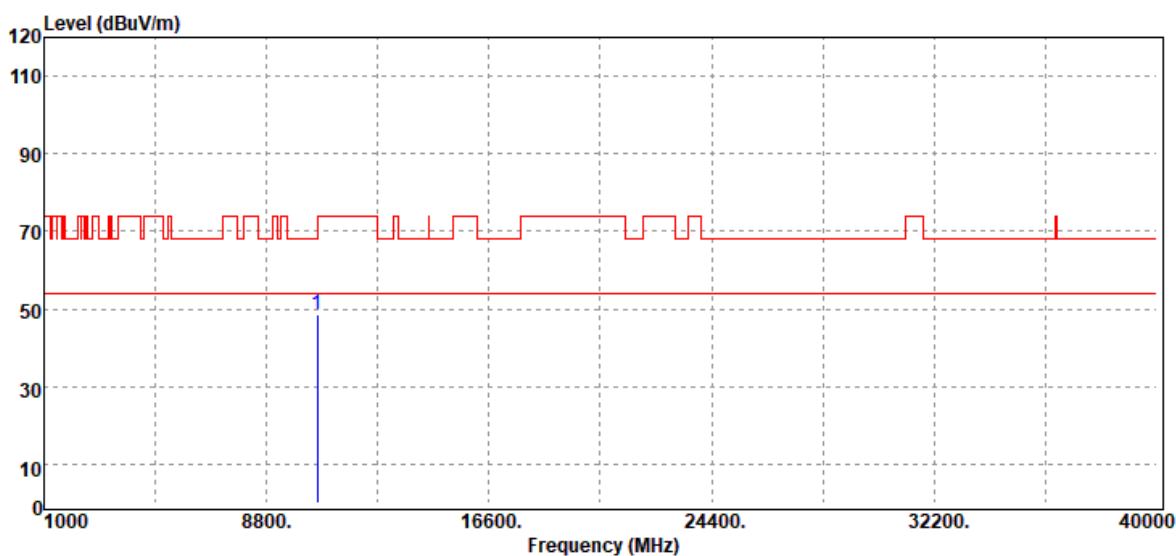


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10580.00	Peak	33.37	15.06	48.43	68.20	-19.77
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11ac VHT80 / 5290 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		



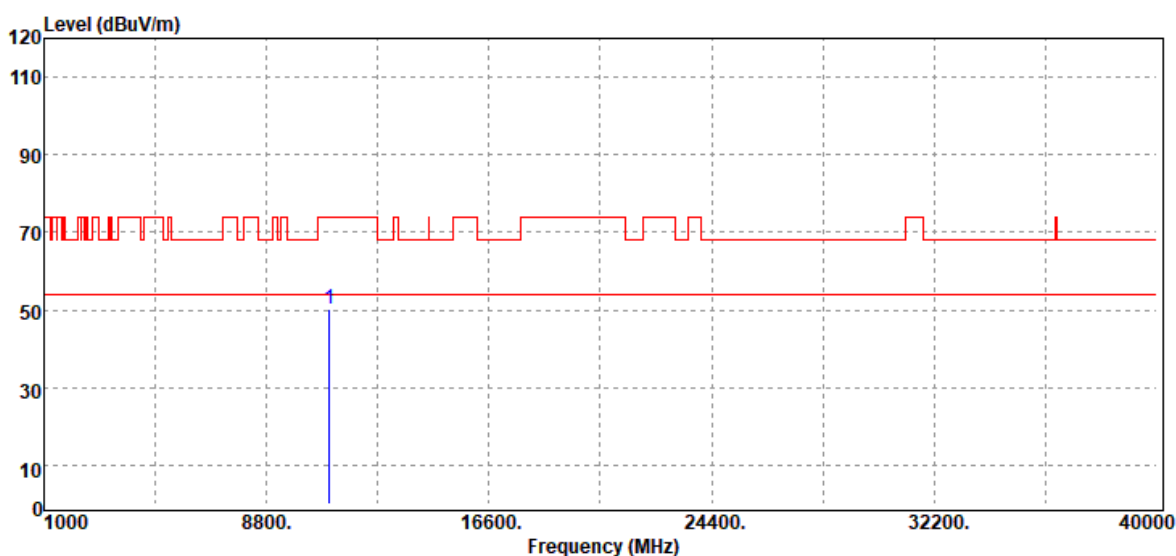
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10580.00	Peak	33.58	15.06	48.64	68.20	-19.56
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Data for UNII-2c

Test Mode	IEEE 802.11a / 5500 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		

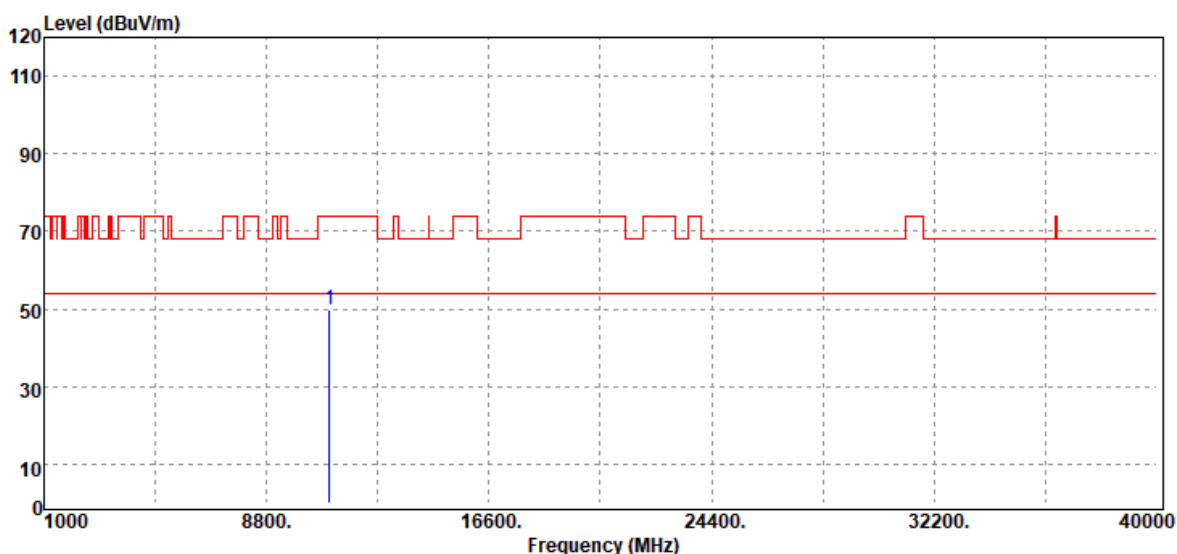


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11000.00	Peak	34.28	16.02	50.30	74.00	-23.70
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11a / 5500 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		

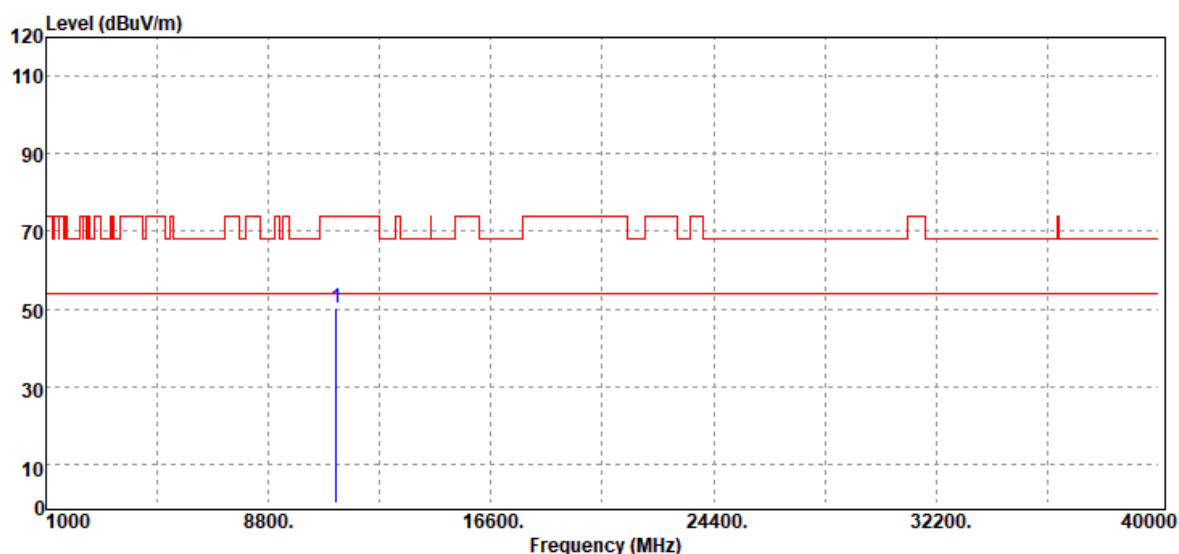


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11000.00	Peak	33.71	16.02	49.73	74.00	-24.27
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11a / 5580 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		

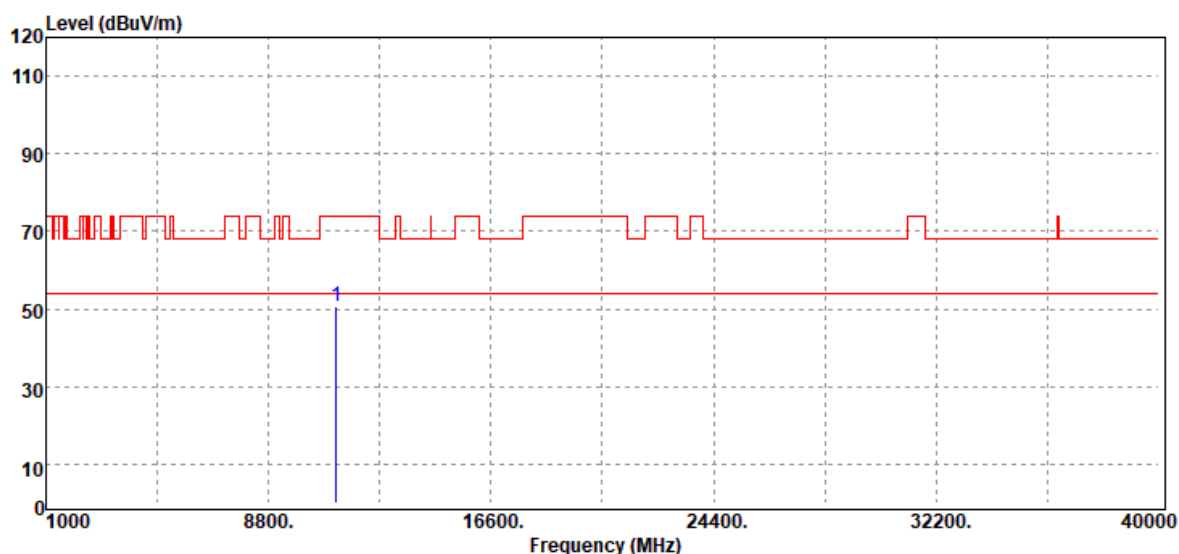


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11160.00	Peak	33.53	16.70	50.23	74.00	-23.77
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11a / 5580 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11160.00	Peak	34.16	16.70	50.86	74.00	-23.14
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11a / 5700 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		

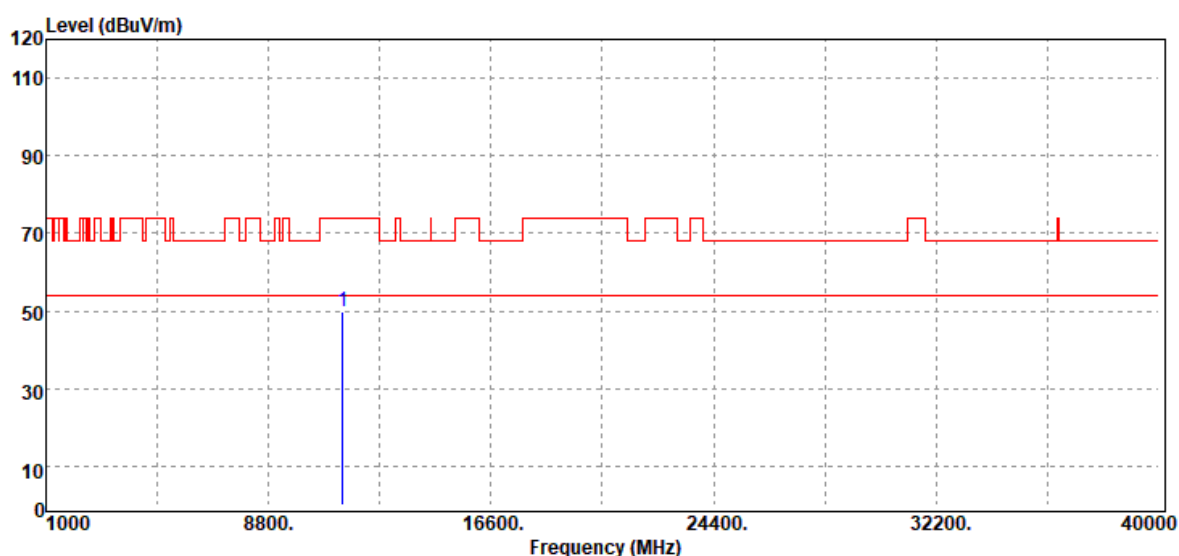


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11400.00	Peak	33.75	16.18	49.93	74.00	-24.07
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11a / 5700 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		

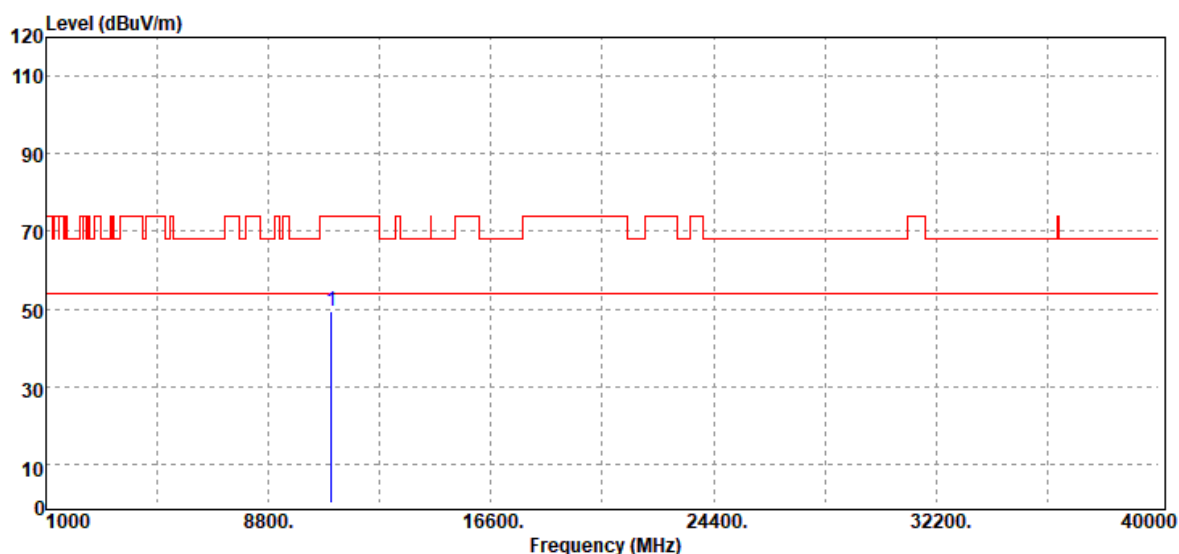


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11400.00	Peak	33.58	16.18	49.76	74.00	-24.24
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 20 MHz / 5500 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		

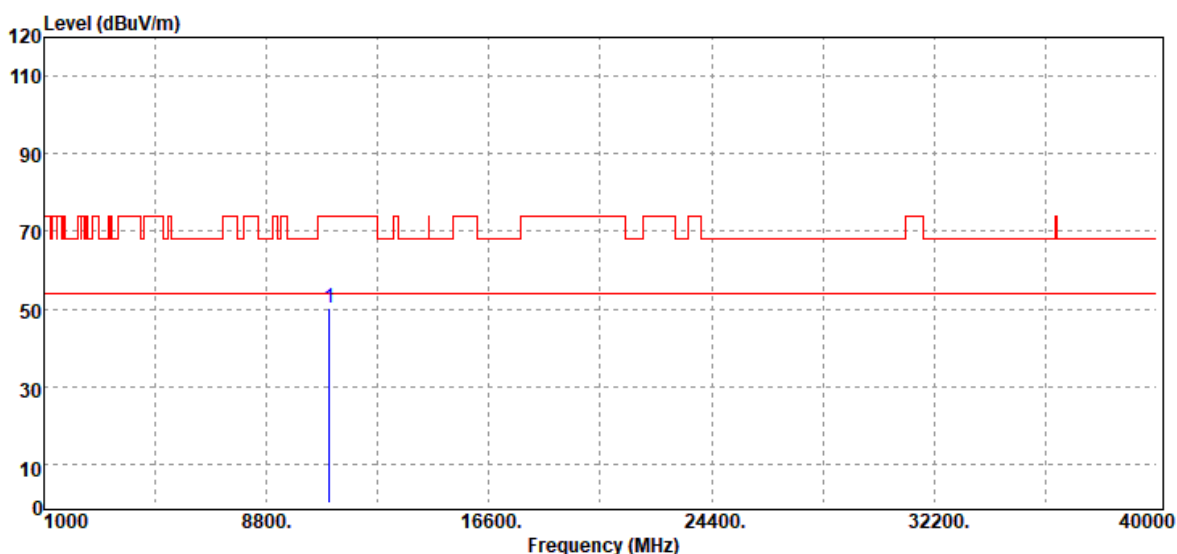


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11000.00	Peak	33.28	16.02	49.30	74.00	-24.70
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 20 MHz / 5500 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		

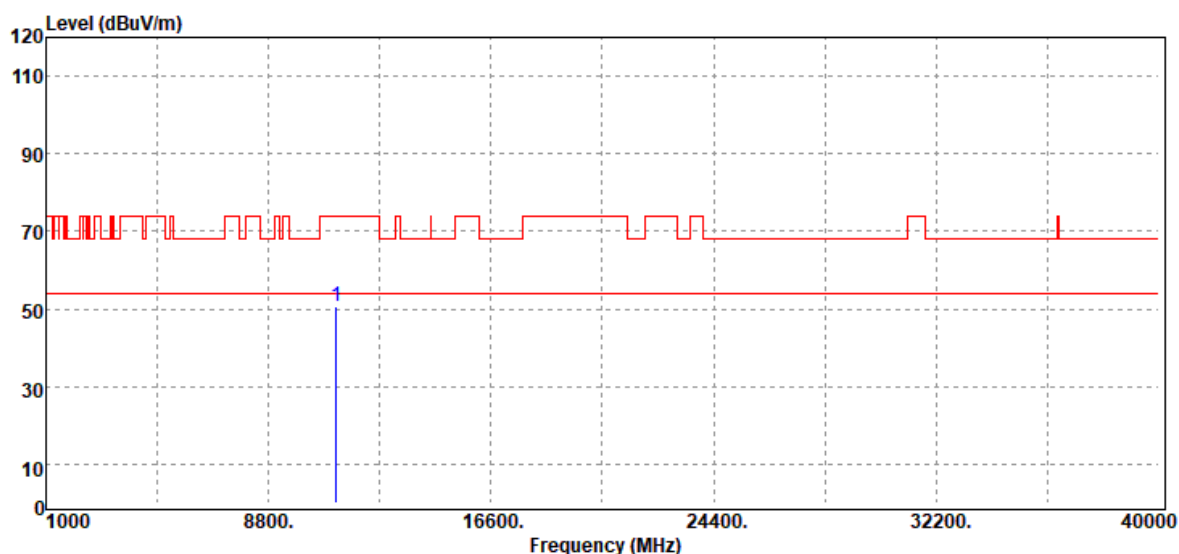


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11000.00	Peak	34.09	16.02	50.11	74.00	-23.89
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 20 MHz / 5580 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		

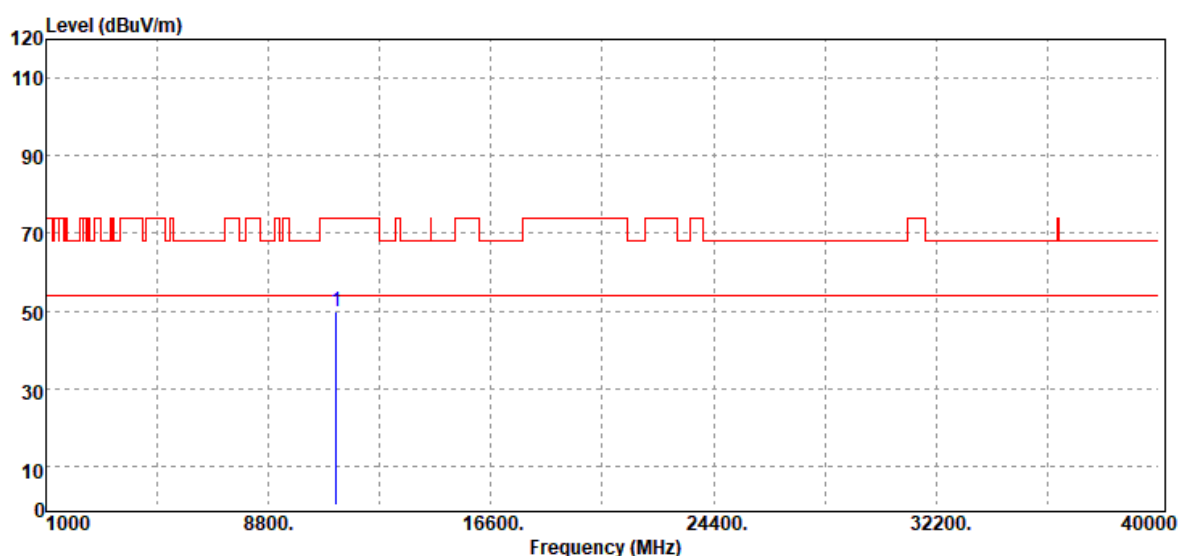


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11160.00	Peak	33.88	16.70	50.58	74.00	-23.42
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 20 MHz / 5580 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11160.00	Peak	33.29	16.70	49.99	74.00	-24.01
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 20 MHz / 5700 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		

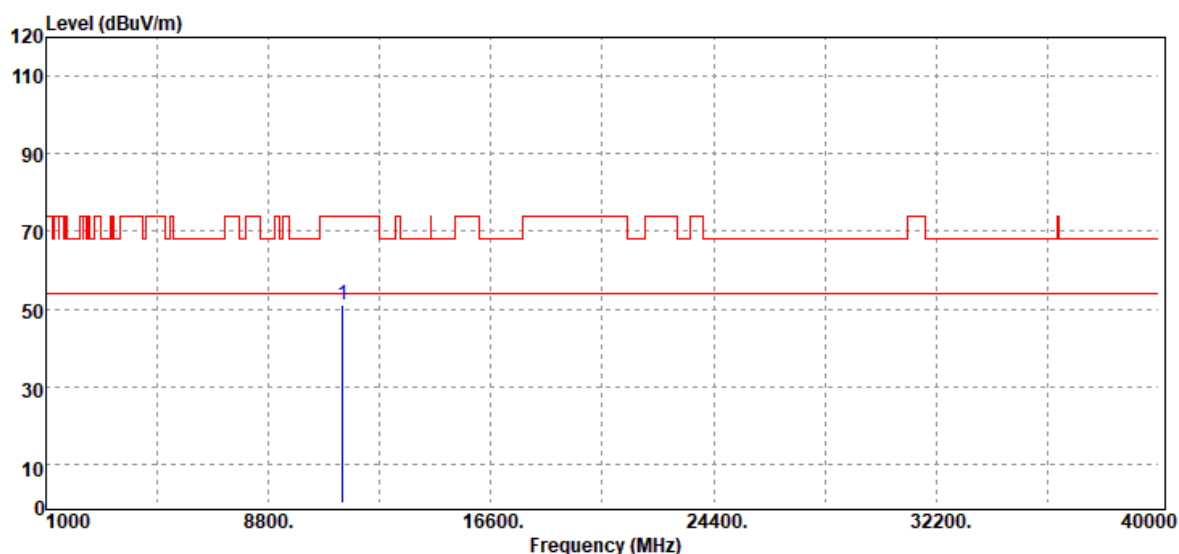


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11400.00	Peak	33.83	16.18	50.01	74.00	-23.99
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 20 MHz / 5700 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		

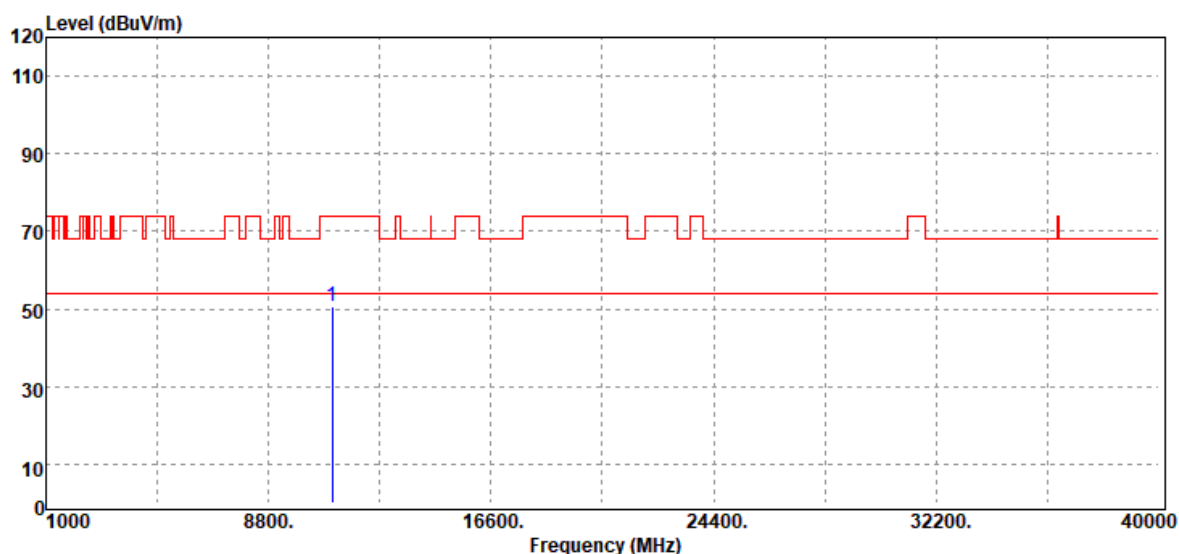


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11400.00	Peak	34.97	16.18	51.15	74.00	-22.85
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 40 MHz / 5510 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		

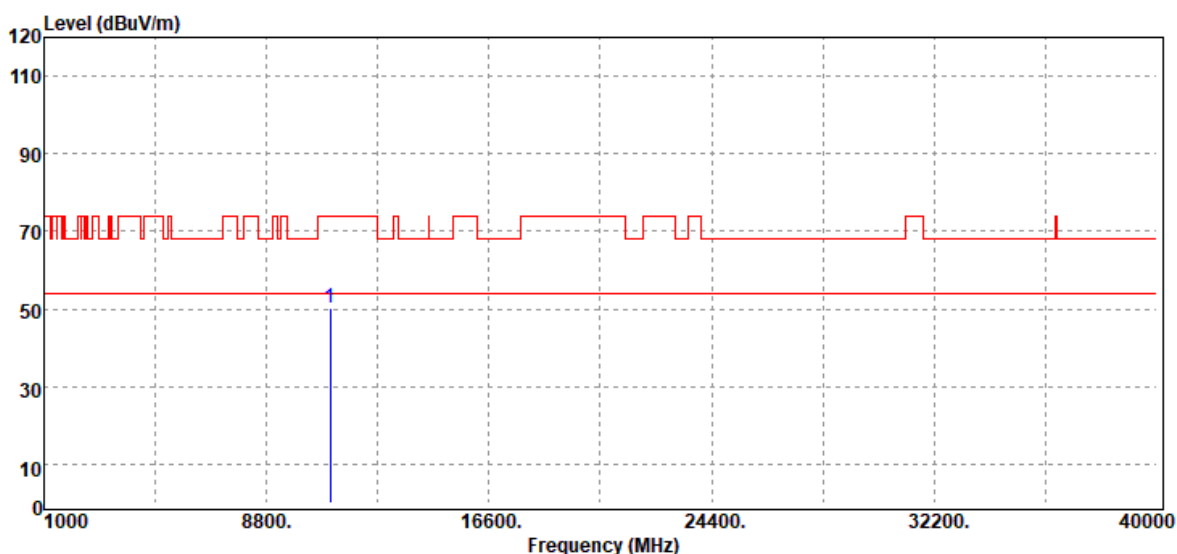


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11020.00	Peak	34.45	16.18	50.63	74.00	-23.37
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 40 MHz / 5510 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		

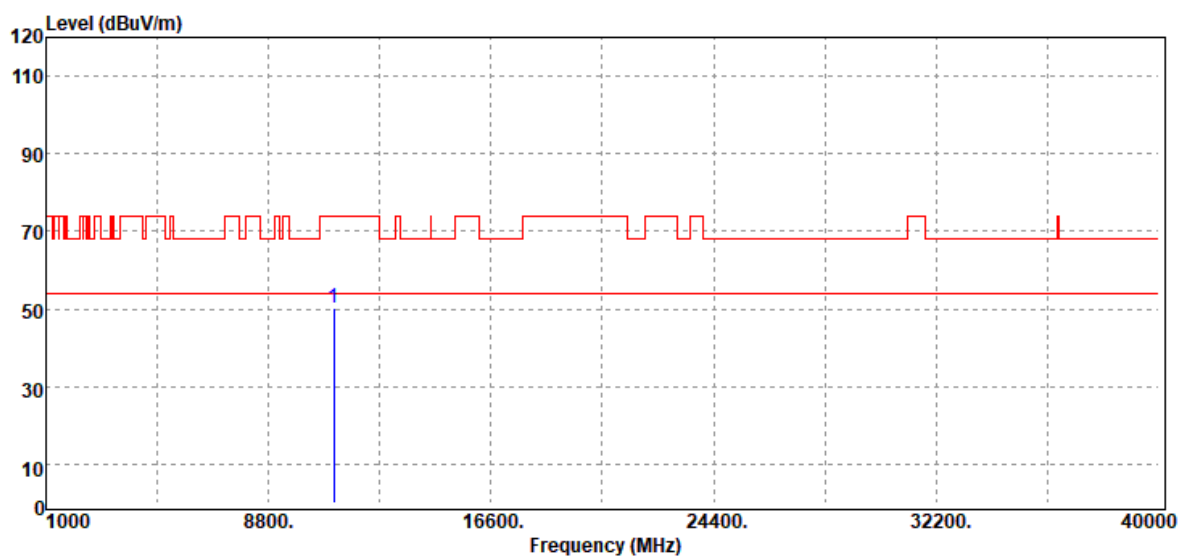


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11020.00	Peak	34.12	16.18	50.30	74.00	-23.70
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 40 MHz / 5550 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		

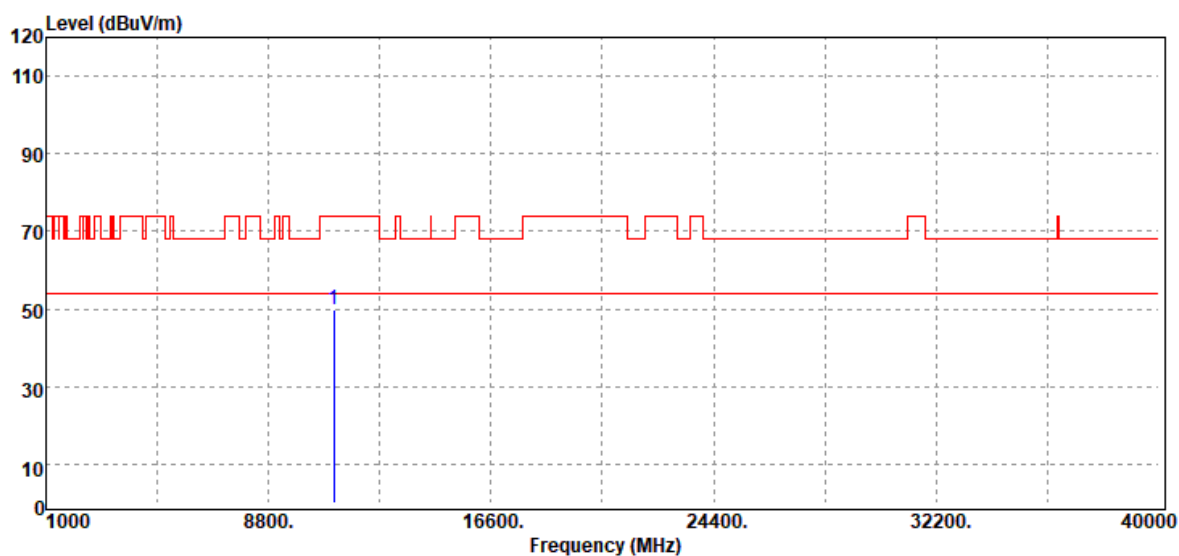


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11100.00	Peak	33.75	16.55	50.30	74.00	-23.70
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 40 MHz / 5550 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		

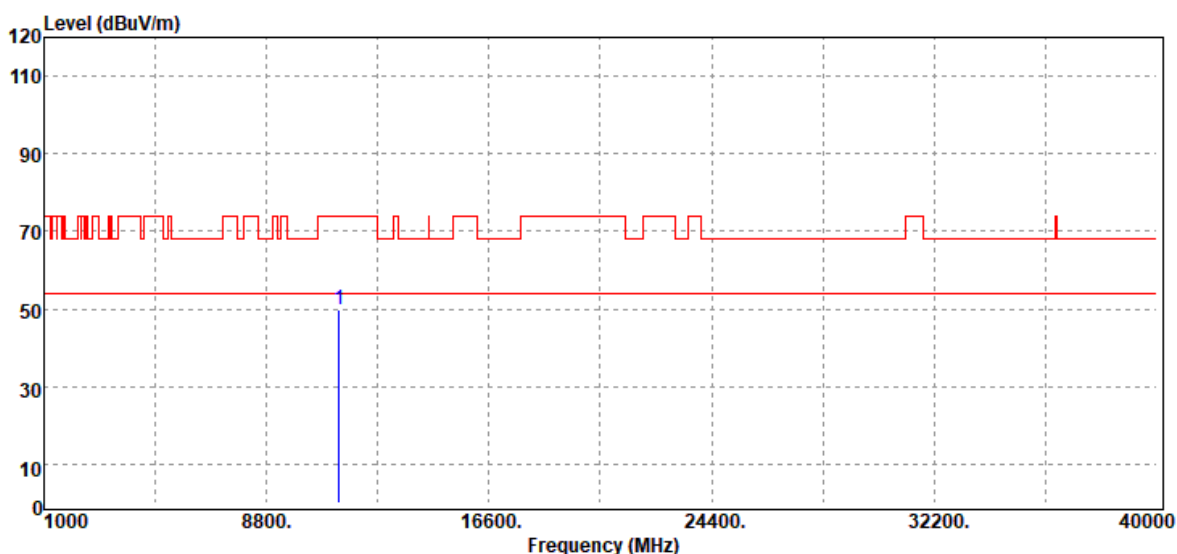


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11100.00	Peak	33.16	16.55	49.71	74.00	-24.29
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 40 MHz / 5670 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		

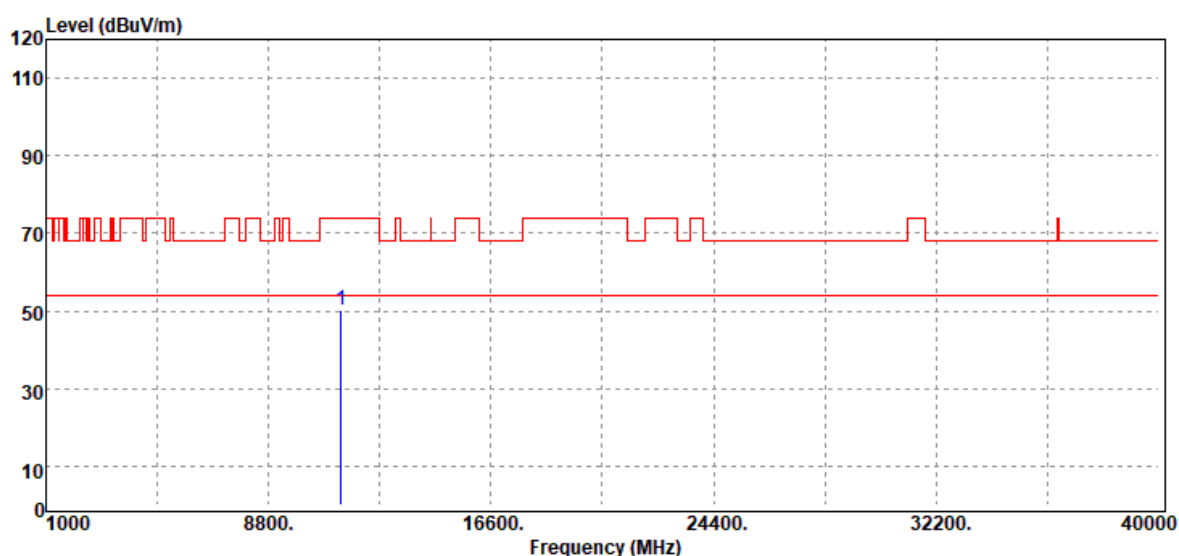


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11340.00	Peak	33.60	16.43	50.03	74.00	-23.97
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 40 MHz / 5670 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		

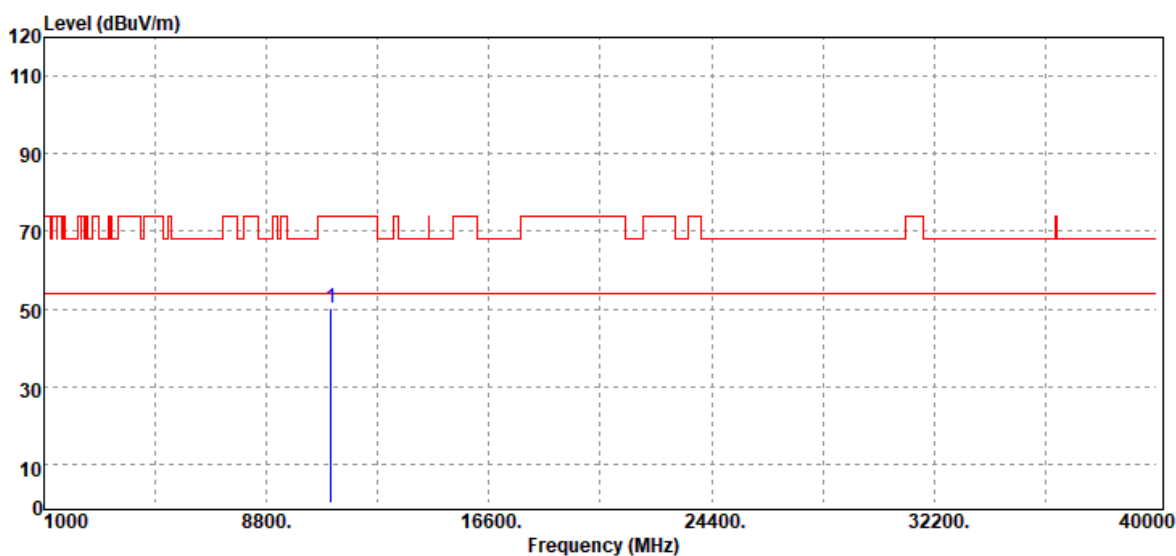


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11340.00	Peak	33.78	16.43	50.21	74.00	-23.79
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11ac VHT80 / 5530 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		

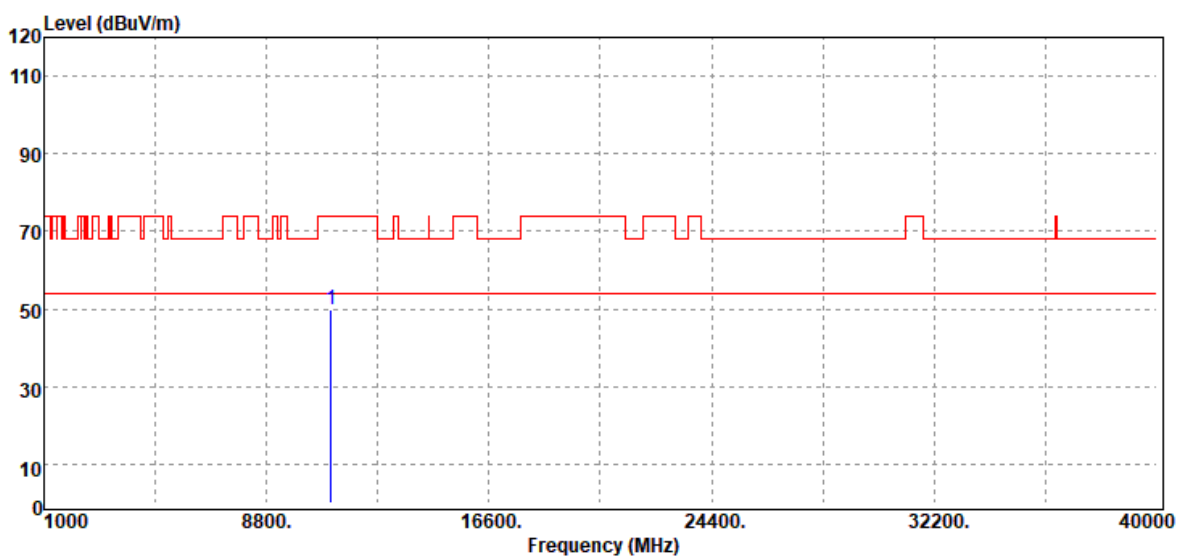


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11060.00	Peak	33.85	16.45	50.30	74.00	-23.70
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11ac VHT80 / 5530 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		



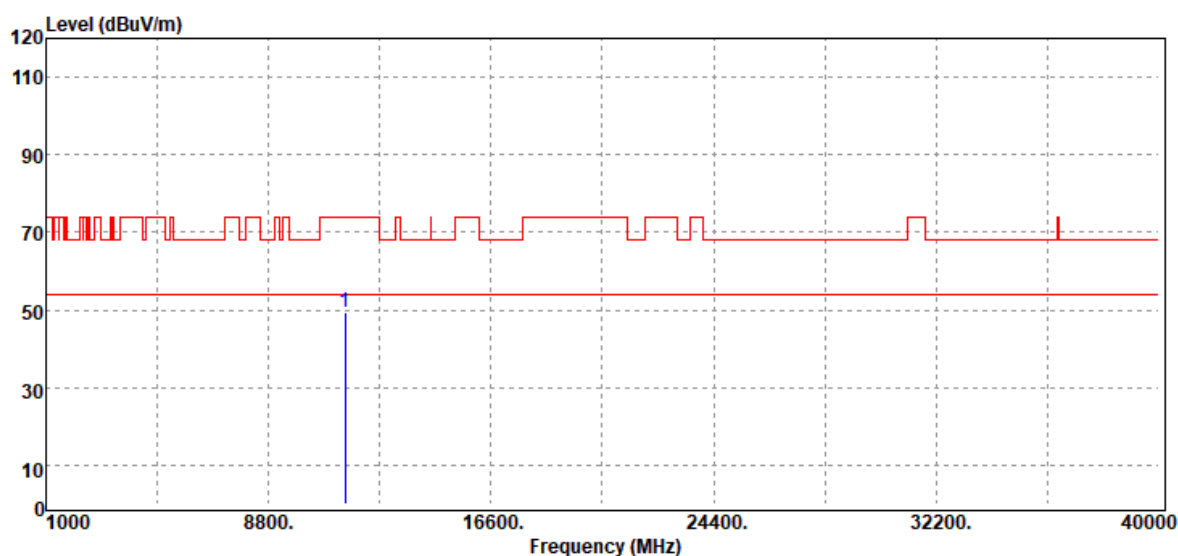
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11060.00	Peak	33.50	16.45	49.95	74.00	-24.05
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Data for UNII-3

Test Mode	IEEE 802.11a / 5745 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		

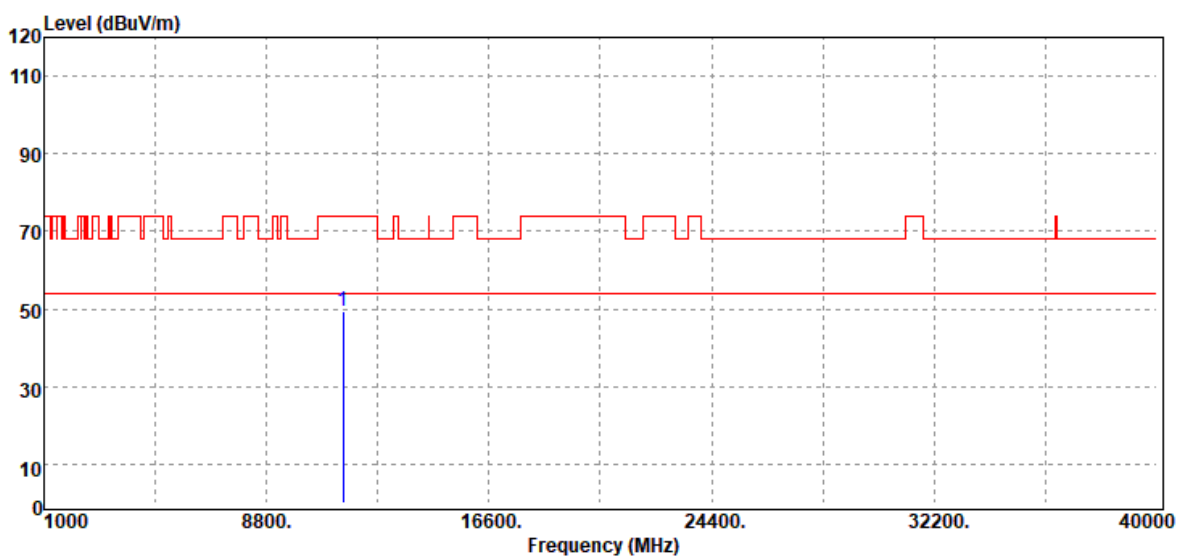


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11490.00	Peak	33.47	16.01	49.48	74.00	-24.52
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11a / 5745 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		

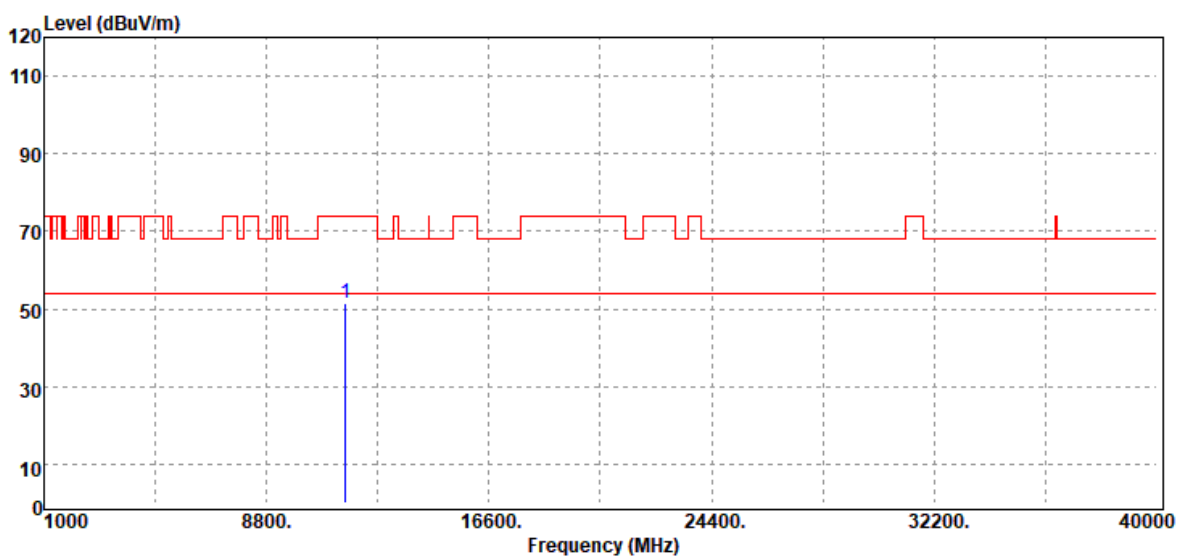


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11490.00	Peak	33.37	16.01	49.38	74.00	-24.62
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11a / 5785 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		

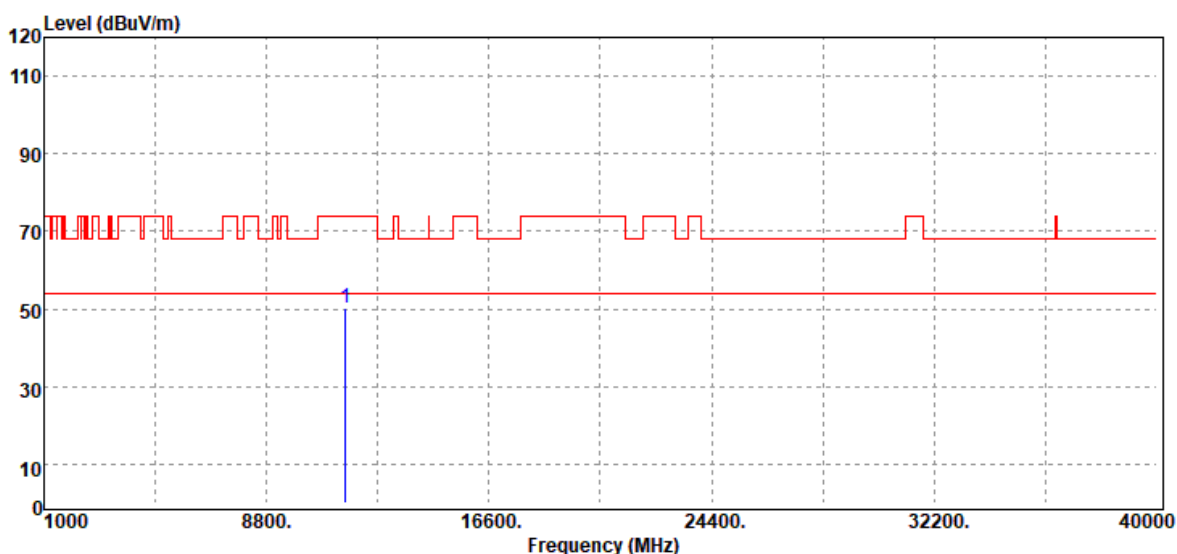


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11570.00	Peak	35.28	16.08	51.36	74.00	-22.64
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11a / 5785 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		

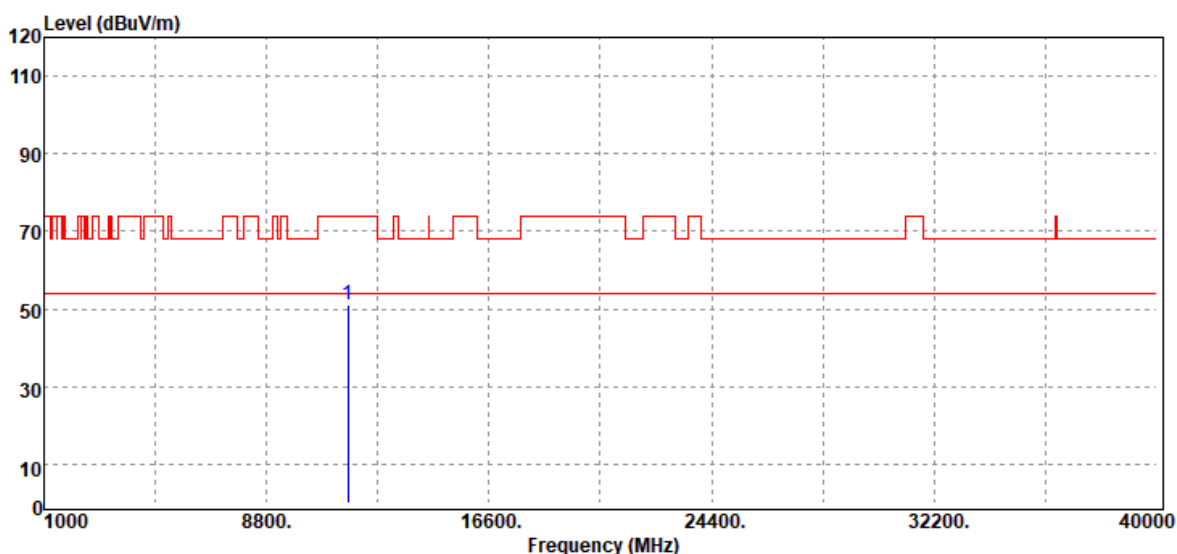


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11570.00	Peak	33.96	16.08	50.04	74.00	-23.96
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11a / 5825 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		

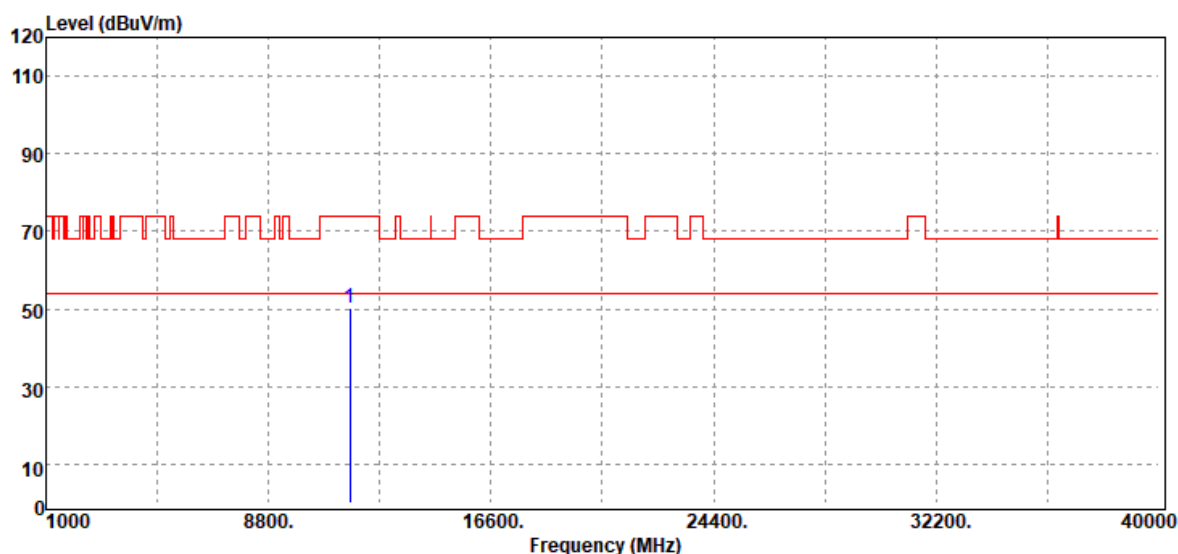


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11650.00	Peak	35.13	16.06	51.19	74.00	-22.81
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11a / 5825 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11650.00	Peak	34.15	16.06	50.21	74.00	-23.79
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 20 MHz / 5745 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		

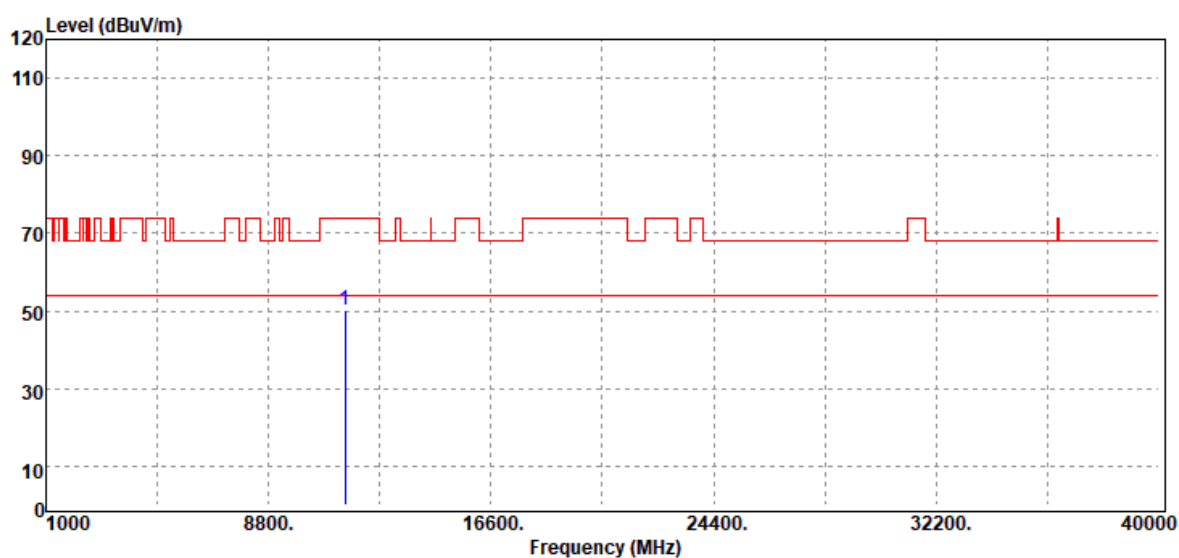


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11490.00	Peak	33.54	16.01	49.55	74.00	-24.45
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 20 MHz / 5745 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		

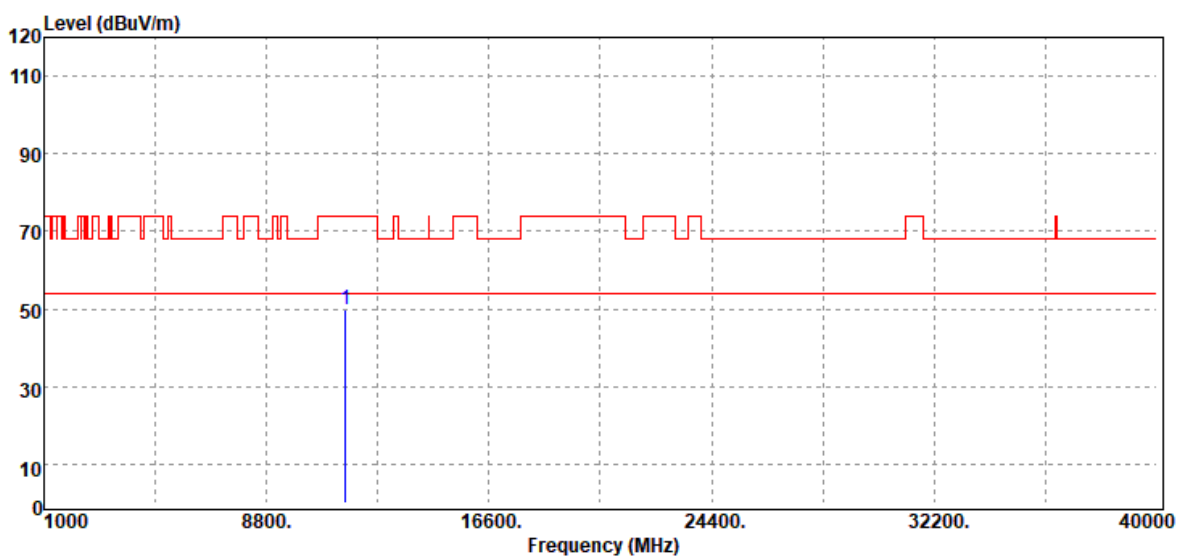


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11490.00	Peak	34.13	16.01	50.14	74.00	-23.86
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 20 MHz/ 5785 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		

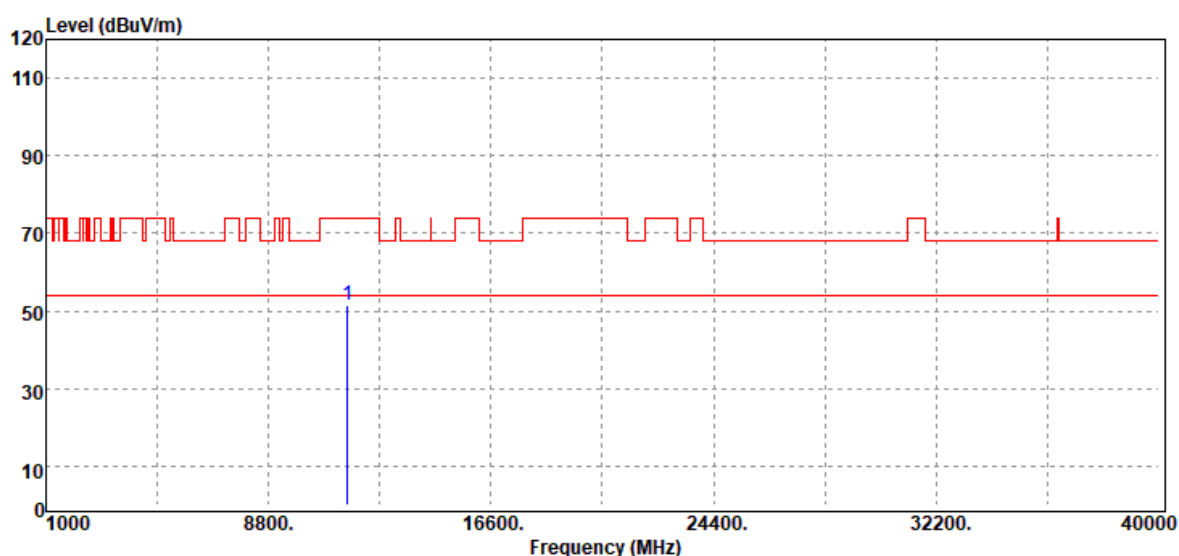


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11570.00	Peak	33.65	16.08	49.73	74.00	-24.27
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 20 MHz/ 5785 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		



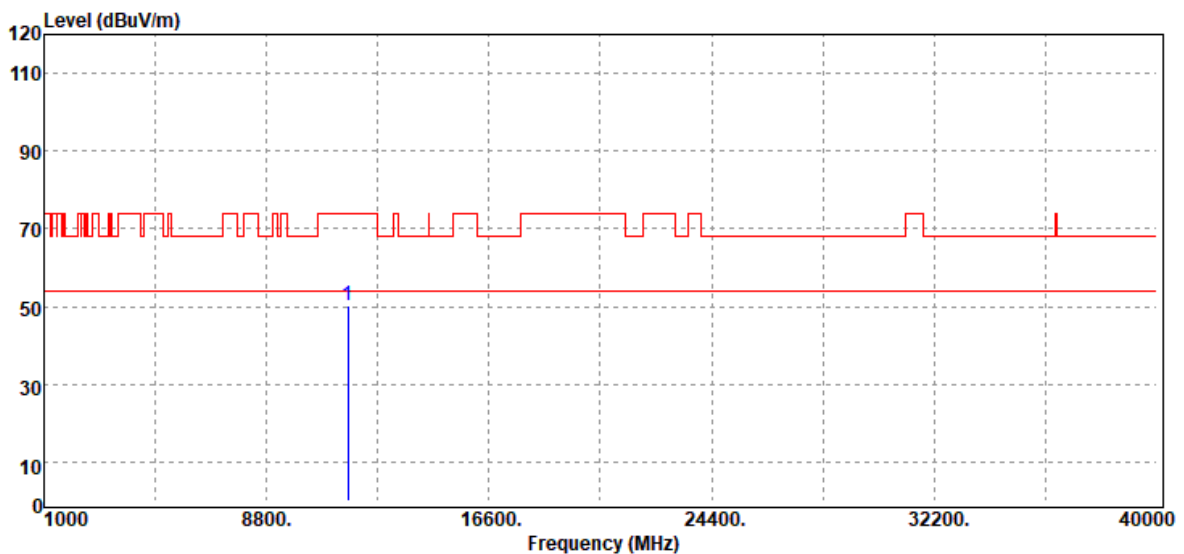
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11570.00	Peak	35.23	16.08	51.31	74.00	-22.69
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

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Test Mode	IEEE 802.11n 20 MHz/ 5825 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		

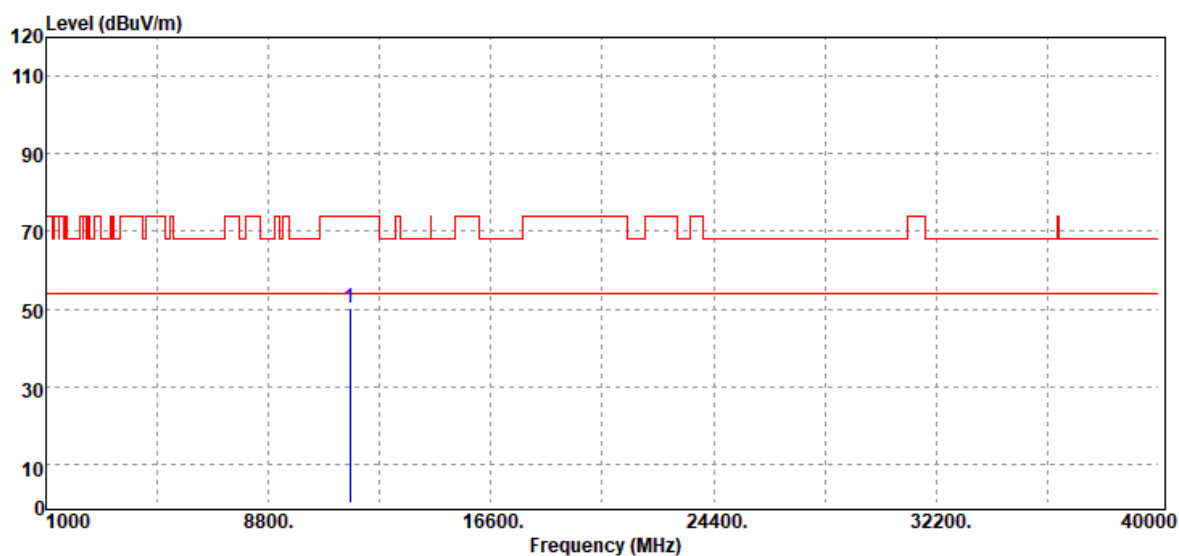


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11650.00	Peak	34.08	16.06	50.14	74.00	-23.86
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 20 MHz/ 5825 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		

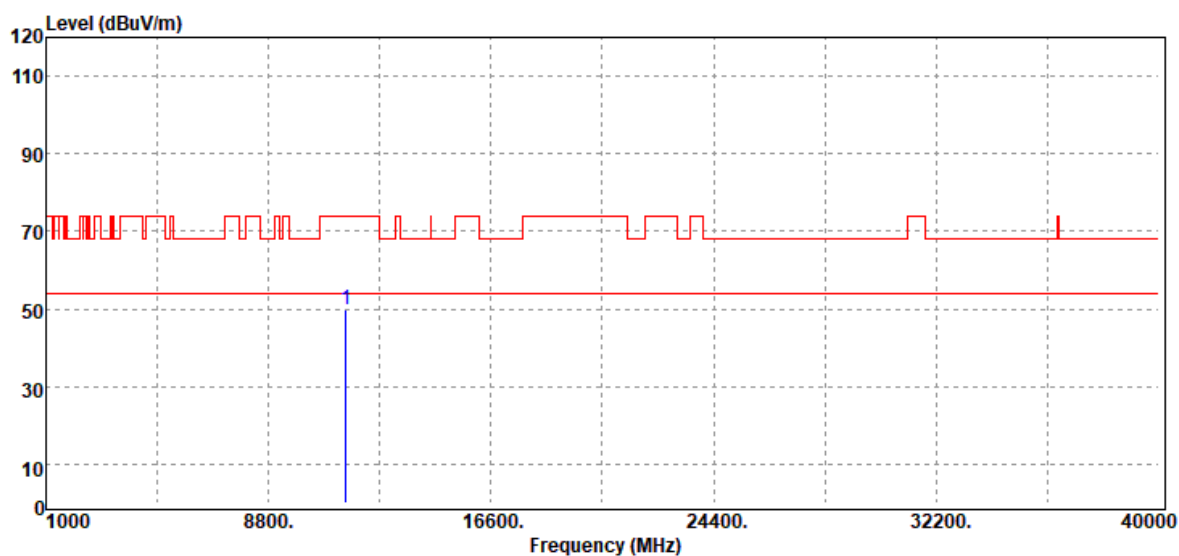


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11650.00	Peak	34.07	16.06	50.13	74.00	-23.87
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 40 MHz/ 5755 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		

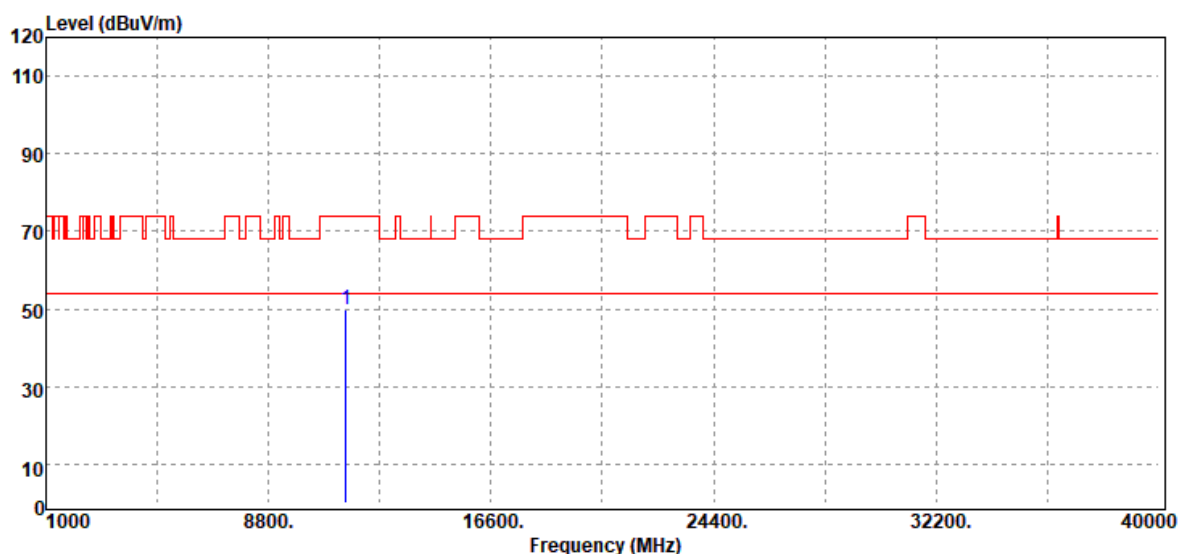


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11510.00	Peak	33.64	16.01	49.65	74.00	-24.35
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 40 MHz/ 5755 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		

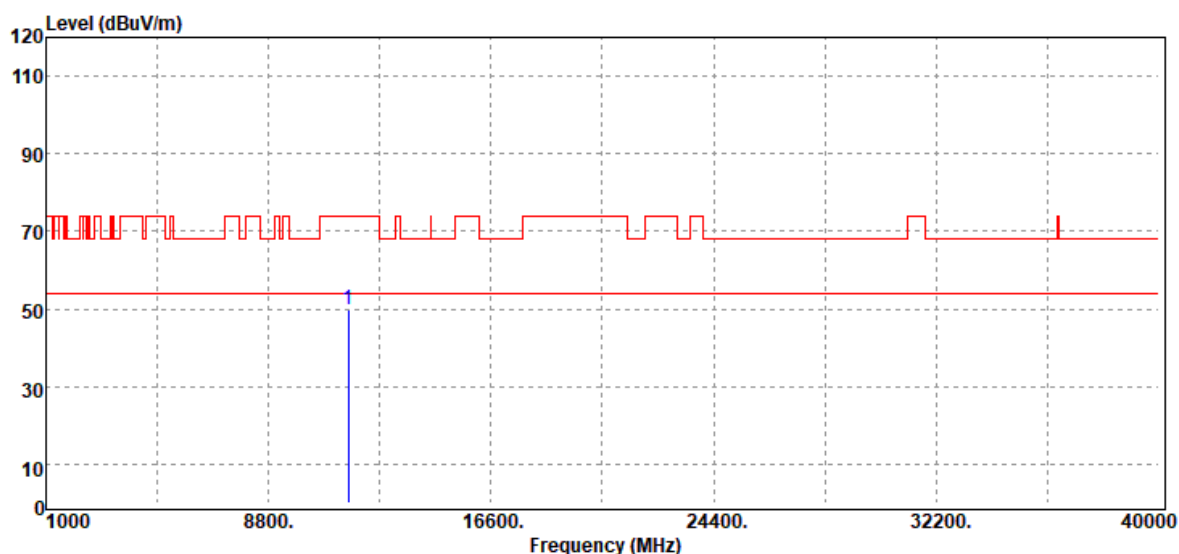


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
11510.00	Peak	33.86	16.01	49.87	74.00	-24.13
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 40 MHz/ 5795 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11590.00	Peak	33.97	16.02	49.99	74.00	-24.01
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11n 40 MHz/ 5795 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		

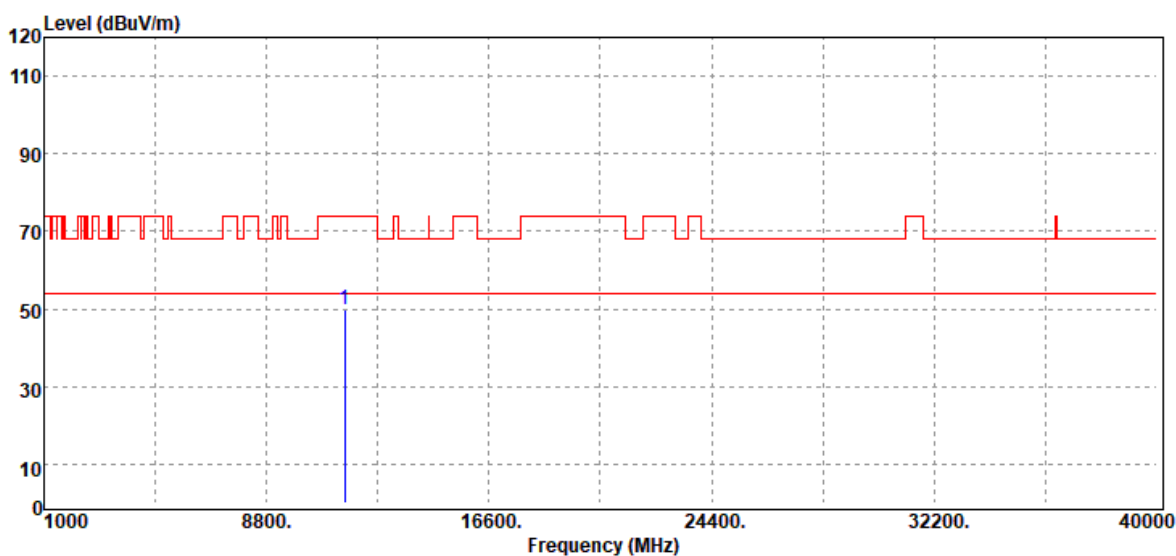


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11590.00	Peak	34.23	16.02	50.25	74.00	-23.75
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11ac VHT80/ 5775 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		

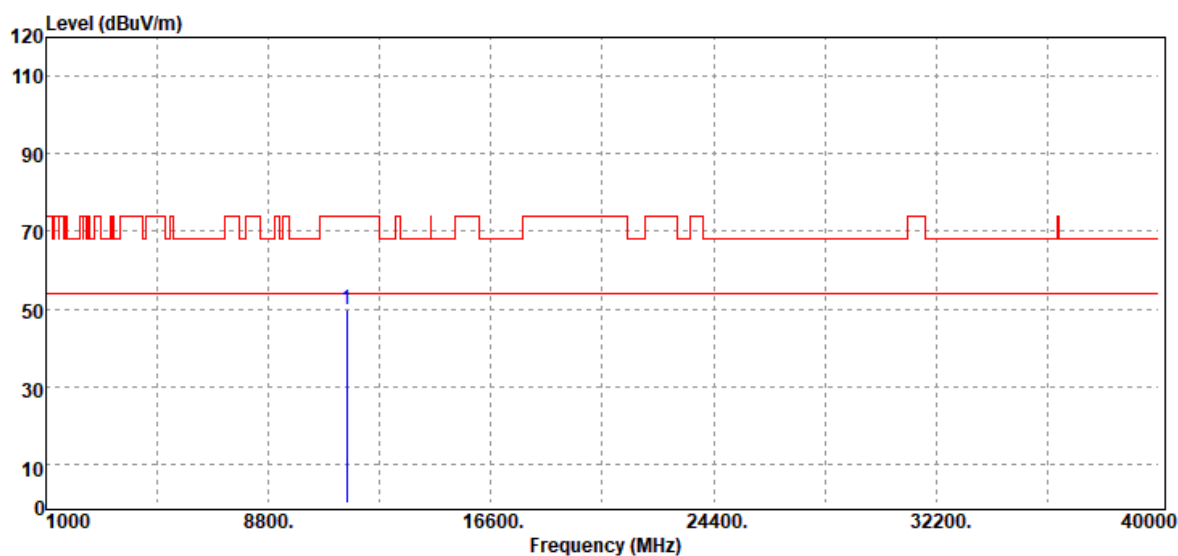


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11550.00	Peak	33.79	16.15	49.94	74.00	-24.06
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

Test Mode	IEEE 802.11ac VHT80/ 5775 MHz	Temp/Hum	22.1(°C)/ 58%RH
Test Item	Harmonic	Test Date	April 7, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11550.00	Peak	33.77	16.15	49.92	74.00	-24.08
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
2. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

4.6 FREQUENCY STABILITY

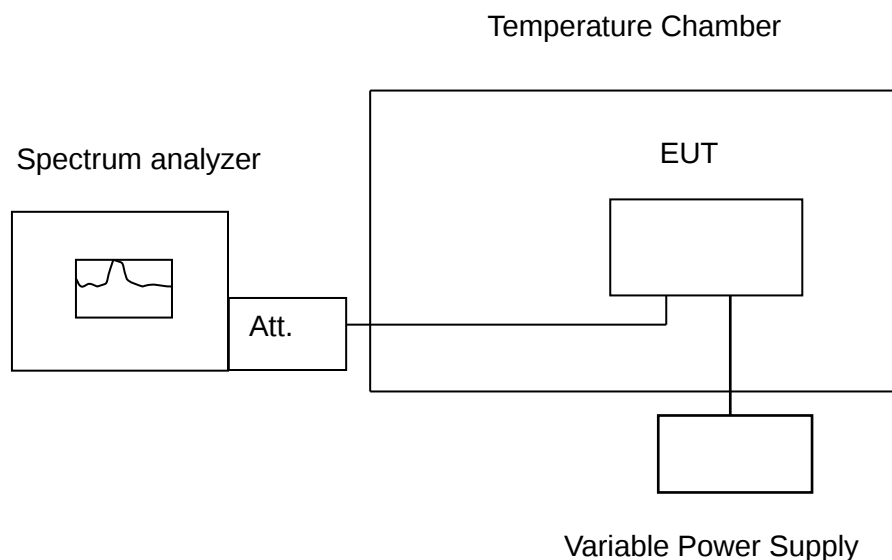
4.6.1 Test Limit

According to RSS-Gen(6.11) manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the operational description.

4.6.2 Test Procedure

The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to -10°C. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C increased per stage until the highest temperature of +70°C reached.

4.6.3 Test Setup





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4.6.4 Test Result

Temp. (°C)	Voltage (V)	Measured Frequency	5180		(MHz)	Limit				Result
		Time (min)				20ppm				
Operating Frequency:		0 min	2 min	5 min	10 min	0 min	2 min	5 min	10 min	
70	5	5179.94790	5179.94790	5179.94790	5179.94790	-10.0579	-10.0579	-10.0579	-10.0579	Pass
60	5	5179.94790	5179.94790	5179.94790	5179.94790	-10.0579	-10.0579	-10.0579	-10.0579	Pass
50	5	5179.94790	5179.94790	5179.94790	5179.94790	-10.0579	-10.0579	-10.0579	-10.0579	Pass
40	5	5179.94790	5179.94790	5179.94790	5179.94790	-10.0579	-10.0579	-10.0579	-10.0579	Pass
30	5	5179.94790	5179.94790	5179.94790	5179.94790	-10.0579	-10.0579	-10.0579	-10.0579	Pass
20	5	5179.94790	5179.94790	5179.94790	5179.94790	-10.0579	-10.0579	-10.0579	-10.0579	Pass
10	5	5179.94790	5179.94790	5179.94790	5179.94790	-10.0579	-10.0579	-10.0579	-10.0579	Pass
0	5	5179.94790	5179.94790	5179.94790	5179.94790	-10.0579	-10.0579	-10.0579	-10.0579	Pass
-10	5	5179.94790	5179.94790	5179.94790	5179.94790	-10.0579	-10.0579	-10.0579	-10.0579	Pass
Temp. (°C)	Voltage (V)	Measured Frequency	5180		(MHz)	Limit				Result
		Time (min)				20ppm				
Operating Frequency:		0 min	2 min	5 min	10 min	0 min	2 min	5 min	10 min	
25	4.5	5179.94790	5179.94790	5179.94790	5179.94790	-10.0579	-10.0579	-10.0579	-10.0579	Pass
25	5	5179.94790	5179.94790	5179.94790	5179.94790	-10.0579	-10.0579	-10.0579	-10.0579	Pass
25	5.5	5179.94790	5179.94790	5179.94790	5179.94790	-10.0579	-10.0579	-10.0579	-10.0579	Pass



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Temp. (°C)	Voltage (V)	Measured Frequency	5260		(MHz)	Limit				Result
		Time (min)				20ppm				
Operating Frequency:		0 min	2 min	5 min	10 min	0 min	2 min	5 min	10 min	
70	5	5259.94790	5259.94790	5259.94790	5259.94790	-9.9049	-9.9049	-9.9049	-9.9049	
60	5	5259.94790	5259.94790	5259.94790	5259.94790	-9.9049	-9.9049	-9.9049	-9.9049	
50	5	5259.94790	5259.94790	5259.94790	5259.94790	-9.9049	-9.9049	-9.9049	-9.9049	
40	5	5259.94790	5259.94790	5259.94790	5259.94790	-9.9049	-9.9049	-9.9049	-9.9049	
30	5	5259.94790	5259.94790	5259.94790	5259.94790	-9.9049	-9.9049	-9.9049	-9.9049	
20	5	5259.94790	5259.94790	5259.94790	5259.94790	-9.9049	-9.9049	-9.9049	-9.9049	
10	5	5259.94790	5259.94790	5259.94790	5259.94790	-9.9049	-9.9049	-9.9049	-9.9049	
0	5	5259.94790	5259.94790	5259.94790	5259.94790	-9.9049	-9.9049	-9.9049	-9.9049	
-10	5	5259.94790	5259.94790	5259.94790	5259.94790	-9.9049	-9.9049	-9.9049	-9.9049	
Temp. (°C)	Voltage (V)	Measured Frequency	5260		(MHz)	Limit				Result
		Time (min)				20ppm				
Operating Frequency:		0 min	2 min	5 min	10 min	0 min	2 min	5 min	10 min	
25	4.5	5259.94790	5259.94790	5259.94790	5259.94790	-9.9049	-9.9049	-9.9049	-9.9049	
25	5	5259.94790	5259.94790	5259.94790	5259.94790	-9.9049	-9.9049	-9.9049	-9.9049	
25	5.5	5259.94790	5259.94790	5259.94790	5259.94790	-9.9049	-9.9049	-9.9049	-9.9049	



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Temp. (°C)	Voltage (V)	Measured Frequency	5500		(MHz)	Limit				Result
		Time (min)				20ppm				
Operating Frequency:		0 min	2 min	5 min	10 min	0 min	2 min	5 min	10 min	
70	5	5499.94600	5499.94600	5499.94600	5499.94600	-9.8182	-9.8182	-9.8182	-9.8182	
60	5	5499.94600	5499.94600	5499.94600	5499.94600	-9.8182	-9.8182	-9.8182	-9.8182	
50	5	5499.94600	5499.94600	5499.94600	5499.94600	-9.8182	-9.8182	-9.8182	-9.8182	
40	5	5499.94600	5499.94600	5499.94600	5499.94600	-9.8182	-9.8182	-9.8182	-9.8182	
30	5	5499.94600	5499.94600	5499.94600	5499.94600	-9.8182	-9.8182	-9.8182	-9.8182	
20	5	5499.94600	5499.94600	5499.94600	5499.94600	-9.8182	-9.8182	-9.8182	-9.8182	
10	5	5499.94600	5499.94600	5499.94600	5499.94600	-9.8182	-9.8182	-9.8182	-9.8182	
0	5	5499.94600	5499.94600	5499.94600	5499.94600	-9.8182	-9.8182	-9.8182	-9.8182	
-10	5	5499.94600	5499.94600	5499.94600	5499.94600	-9.8182	-9.8182	-9.8182	-9.8182	
Temp. (°C)	Voltage (V)	Measured Frequency	5500		(MHz)	Limit				Result
		Time (min)				20ppm				
Operating Frequency:		0 min	2 min	5 min	10 min	0 min	2 min	5 min	10 min	
25	4.5	5499.94600	5499.94600	5499.94600	5499.94600	-9.8182	-9.8182	-9.8182	-9.8182	
25	5	5499.94600	5499.94600	5499.94600	5499.94600	-9.8182	-9.8182	-9.8182	-9.8182	
25	5.5	5499.94600	5499.94600	5499.94600	5499.94600	-9.8182	-9.8182	-9.8182	-9.8182	



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Temp. (°C)	Voltage (V)	Measured Frequency	5745		(MHz)	Limit				Result
		Time (min)				20ppm				
Operating Frequency:		0 min	2 min	5 min	10 min	0 min	2 min	5 min	10 min	
70	5	5744.94360	5744.94360	5744.94360	5744.94360	-9.8172	-9.8172	-9.8172	-9.8172	Pass
60	5	5744.94360	5744.94360	5744.94360	5744.94360	-9.8172	-9.8172	-9.8172	-9.8172	Pass
50	5	5744.94360	5744.94360	5744.94360	5744.94360	-9.8172	-9.8172	-9.8172	-9.8172	Pass
40	5	5744.94360	5744.94360	5744.94360	5744.94360	-9.8172	-9.8172	-9.8172	-9.8172	Pass
30	5	5744.94360	5744.94360	5744.94360	5744.94360	-9.8172	-9.8172	-9.8172	-9.8172	Pass
20	5	5744.94360	5744.94360	5744.94360	5744.94360	-9.8172	-9.8172	-9.8172	-9.8172	Pass
10	5	5744.94360	5744.94360	5744.94360	5744.94360	-9.8172	-9.8172	-9.8172	-9.8172	Pass
0	5	5744.94360	5744.94360	5744.94360	5744.94360	-9.8172	-9.8172	-9.8172	-9.8172	Pass
-10	5	5744.94360	5744.94360	5744.94360	5744.94360	-9.8172	-9.8172	-9.8172	-9.8172	Pass
Temp. (°C)	Voltage (V)	Measured Frequency	5745		(MHz)	Limit				Result
		Time (min)				20ppm				
Operating Frequency:		0 min	2 min	5 min	10 min	0 min	2 min	5 min	10 min	
25	4.5	5744.94360	5744.94360	5744.94360	5744.94360	-9.8172	-9.8172	-9.8172	-9.8172	Pass
25	5	5744.94360	5744.94360	5744.94360	5744.94360	-9.8172	-9.8172	-9.8172	-9.8172	Pass
25	5.5	5744.94360	5744.94360	5744.94360	5744.94360	-9.8172	-9.8172	-9.8172	-9.8172	Pass

--End of Test Report--