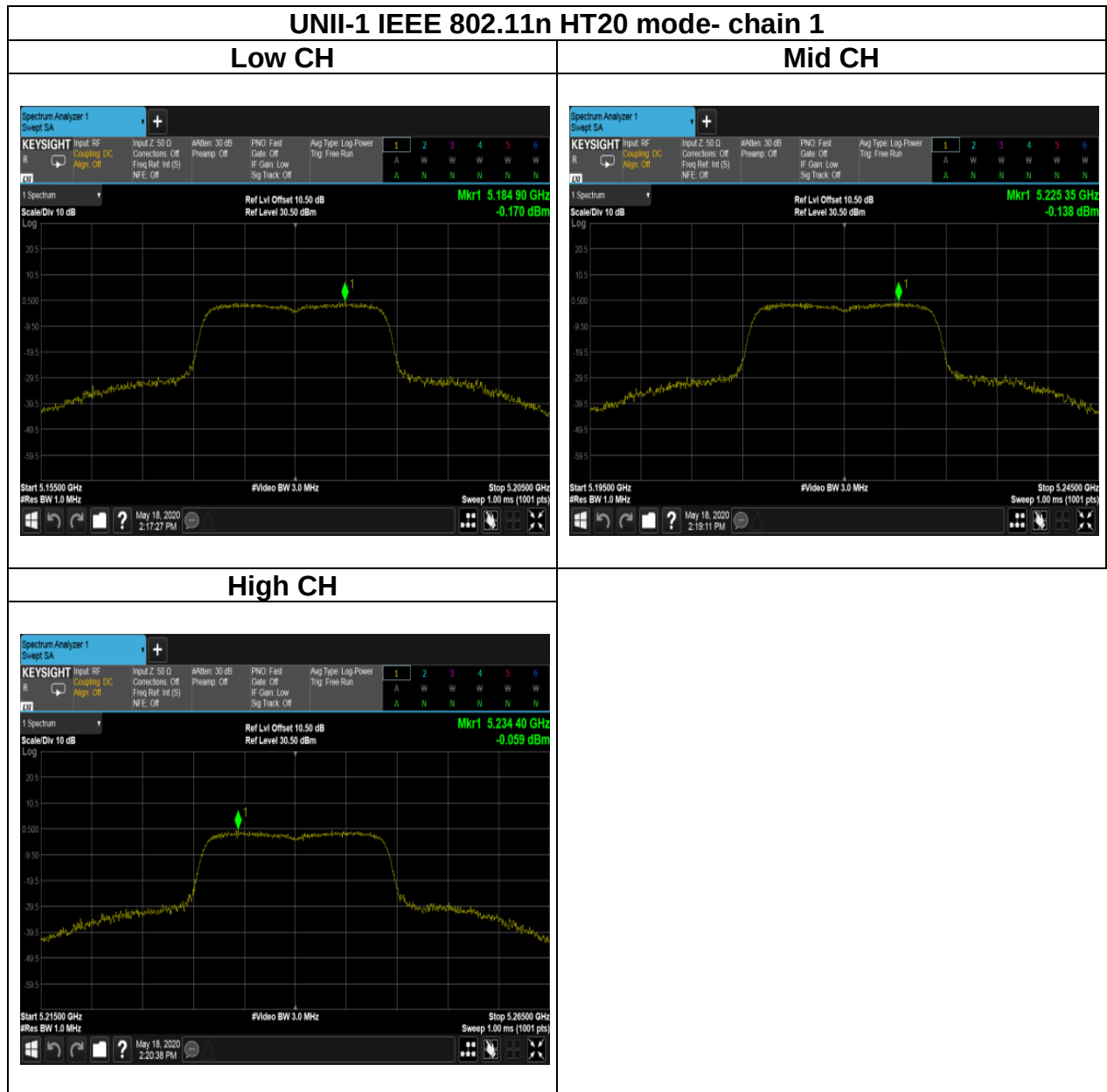
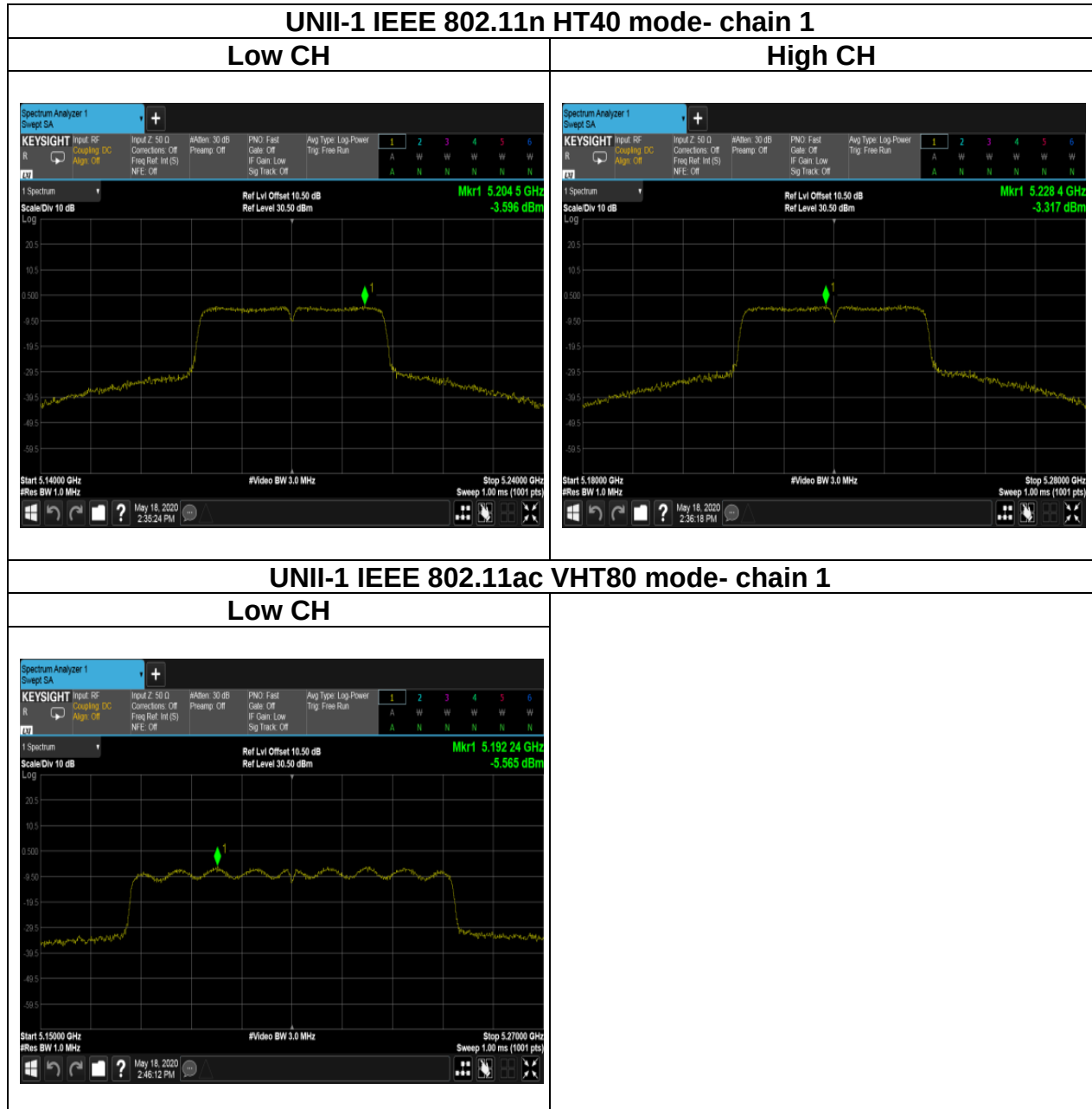
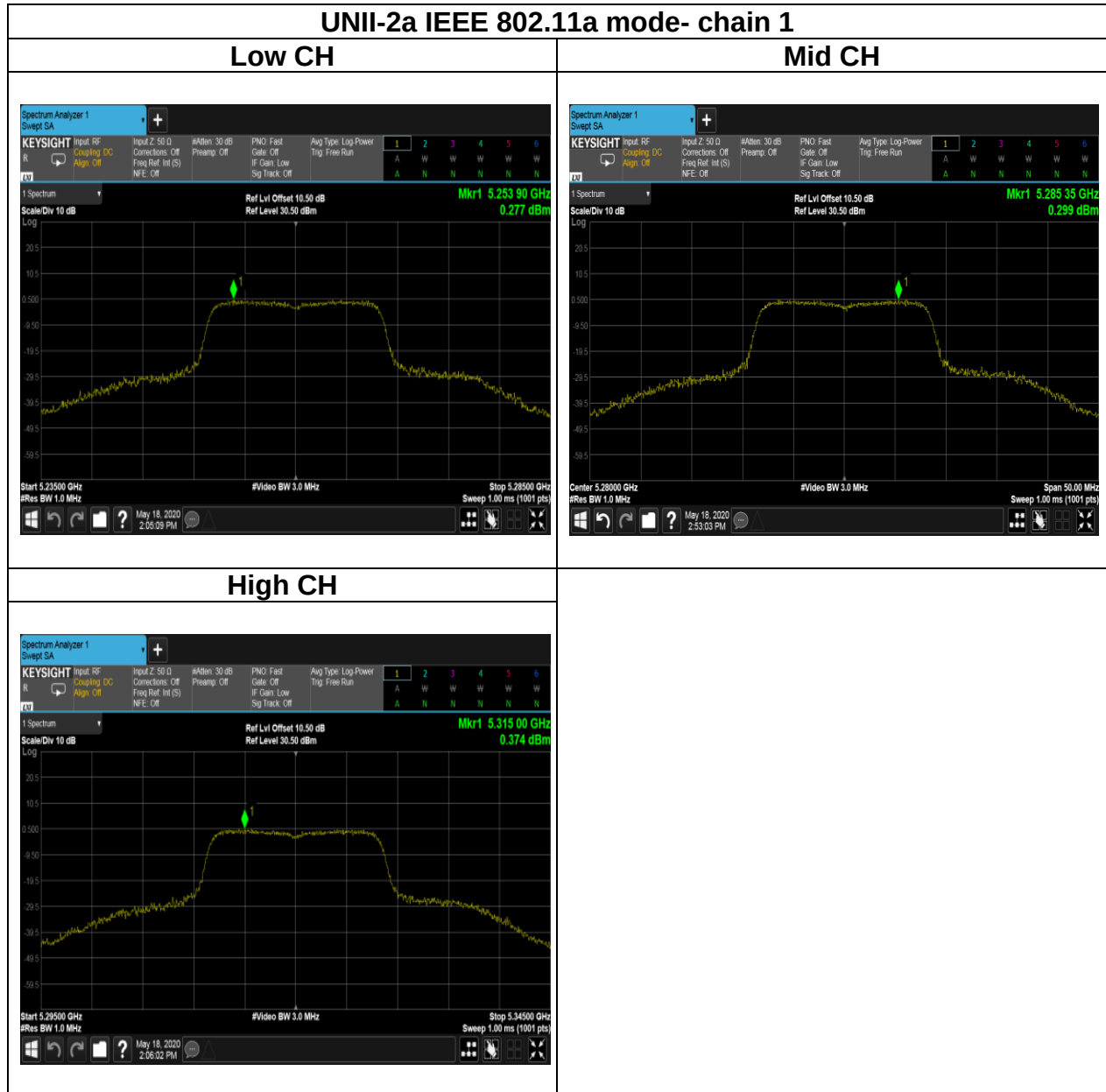


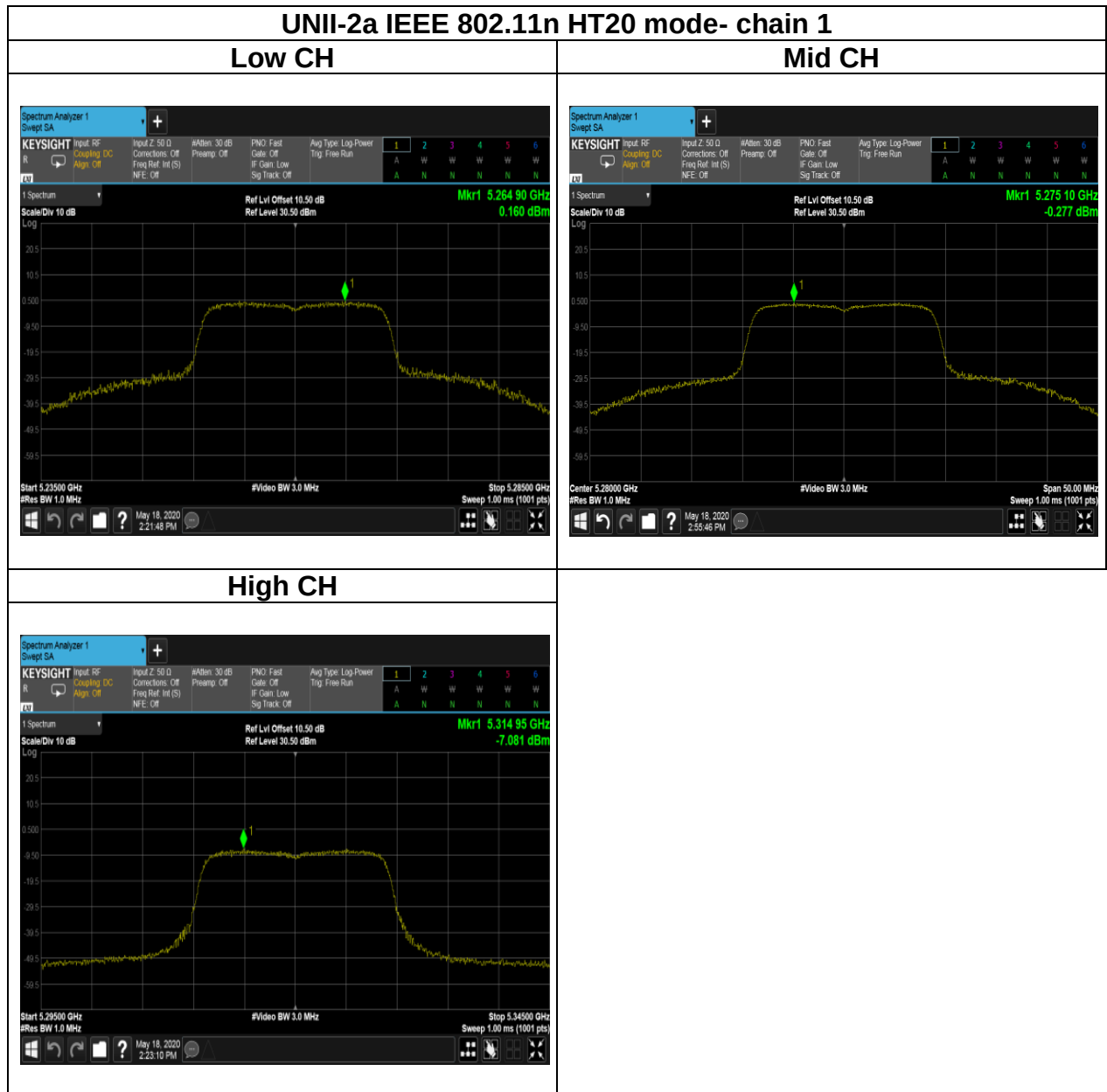


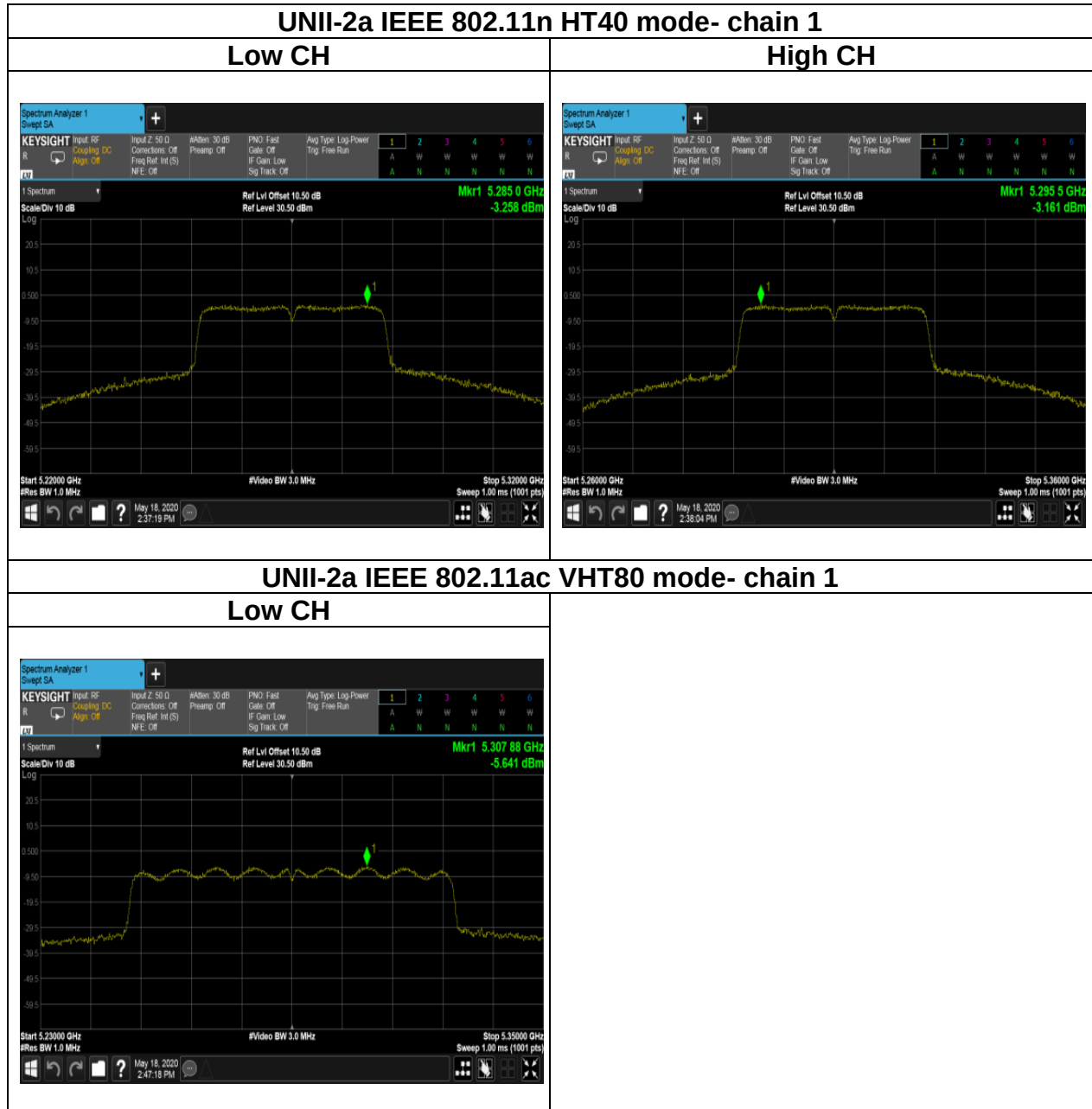


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Test Data

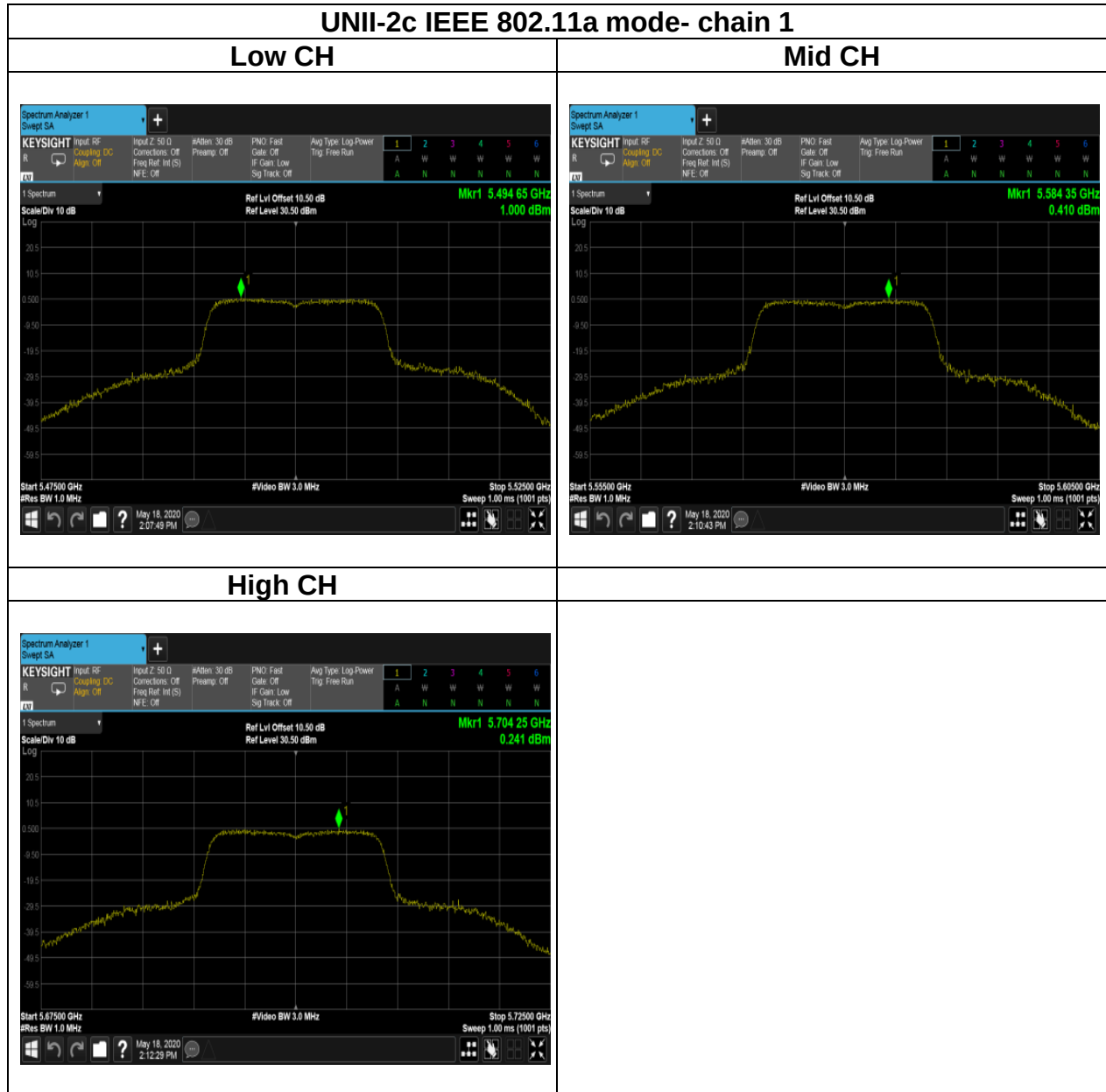


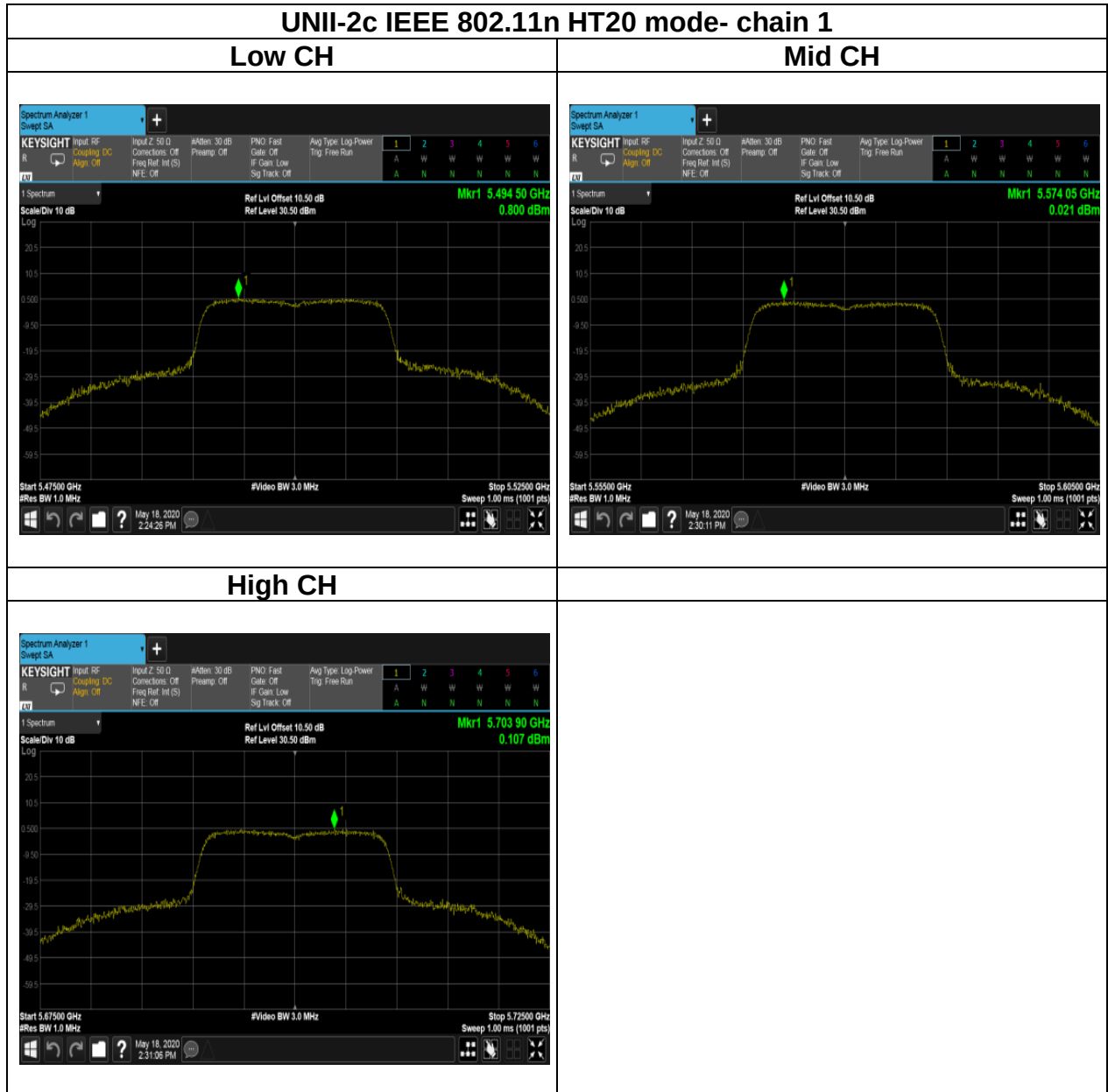




Report No.: T200416C04-RP2

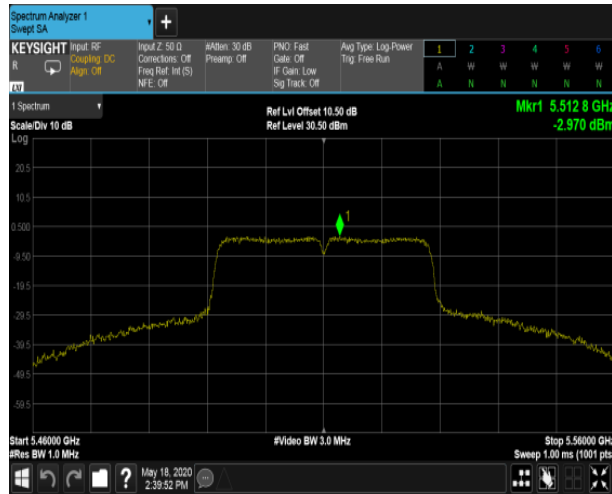
Test Data



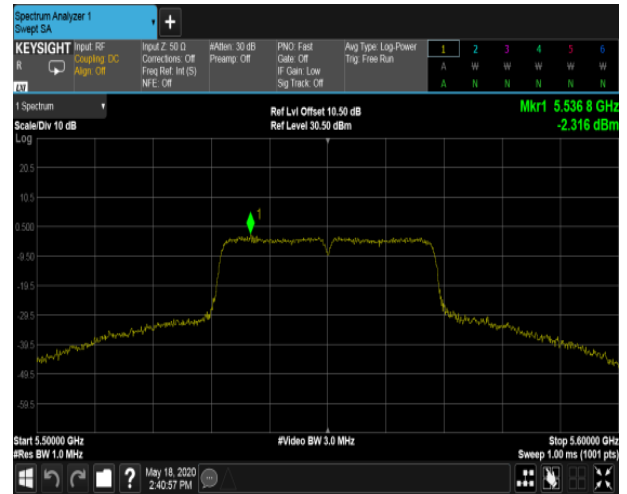


UNII-2c IEEE 802.11n HT40 mode- chain 1

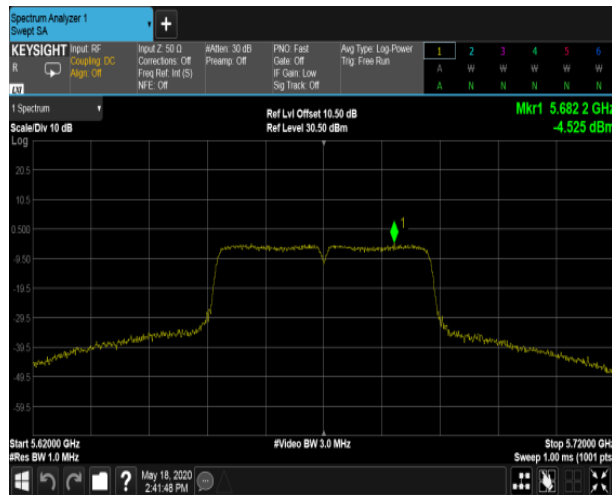
Low CH



Mid CH



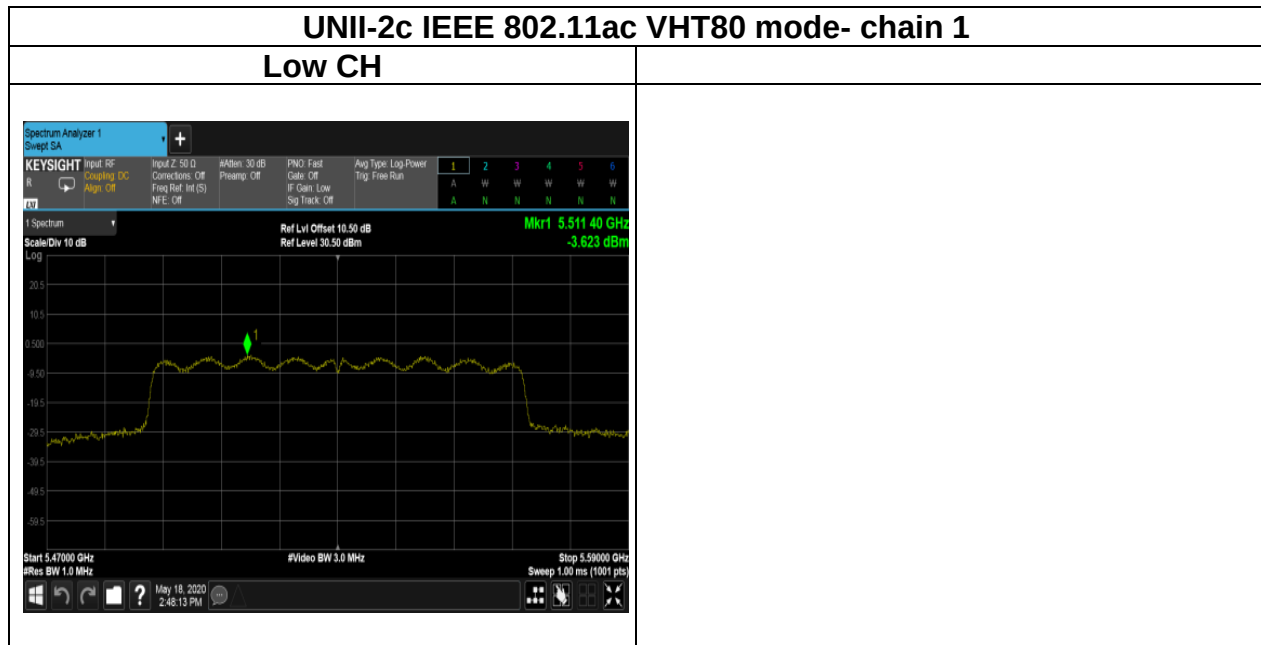
High CH





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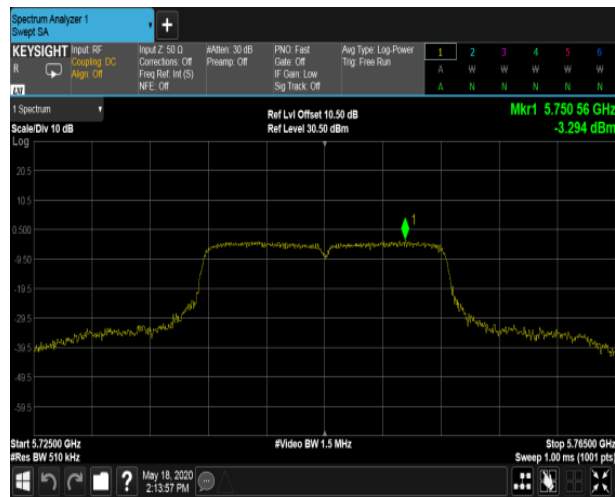


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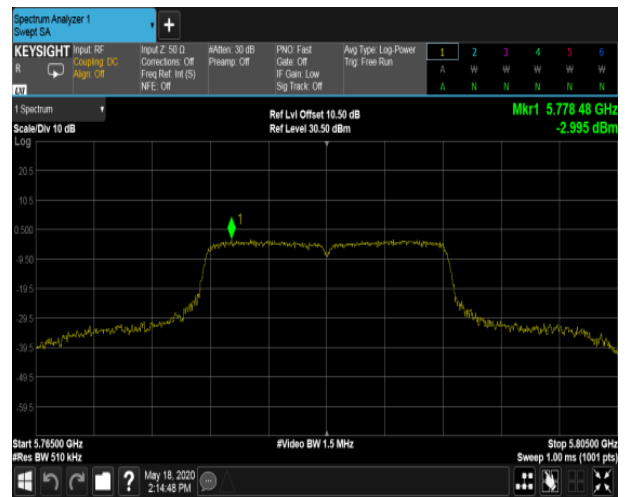
Test Data

UNII-3 IEEE 802.11a mode- chain 1

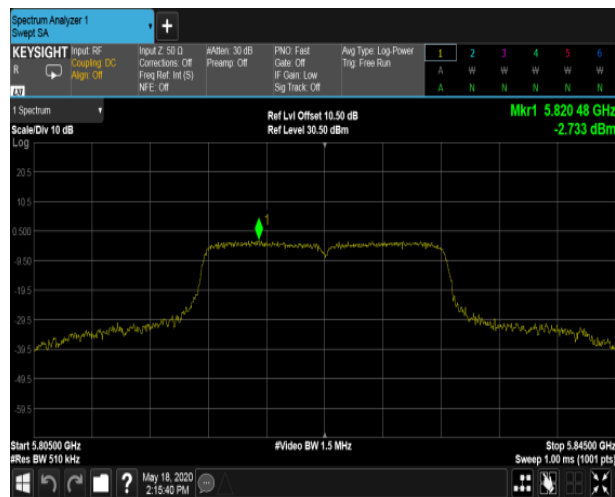
Low CH



Mid CH

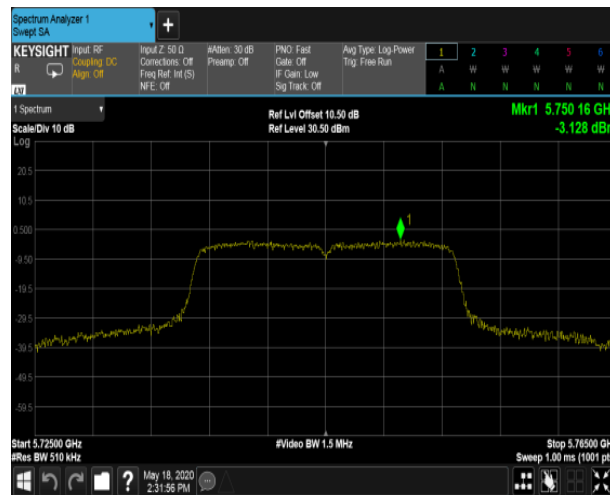


High CH

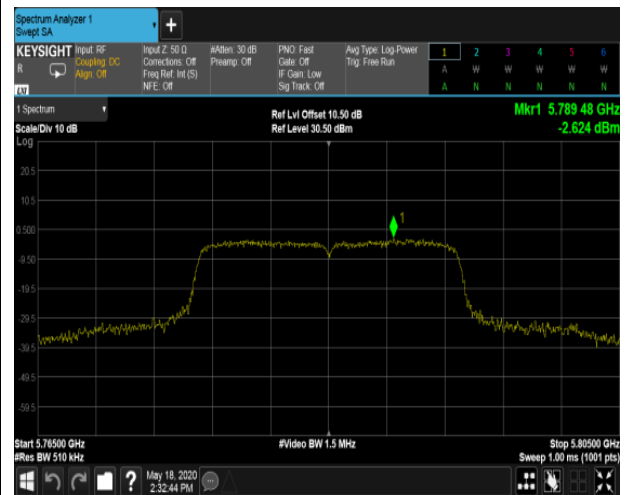


UNII-3 IEEE 802.11n HT20 mode- chain 1

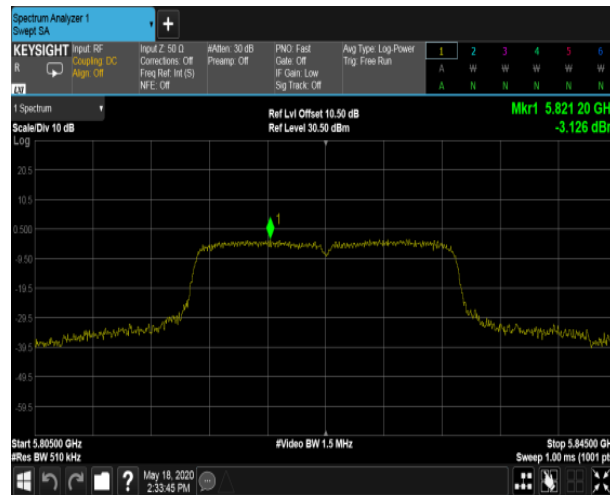
Low CH

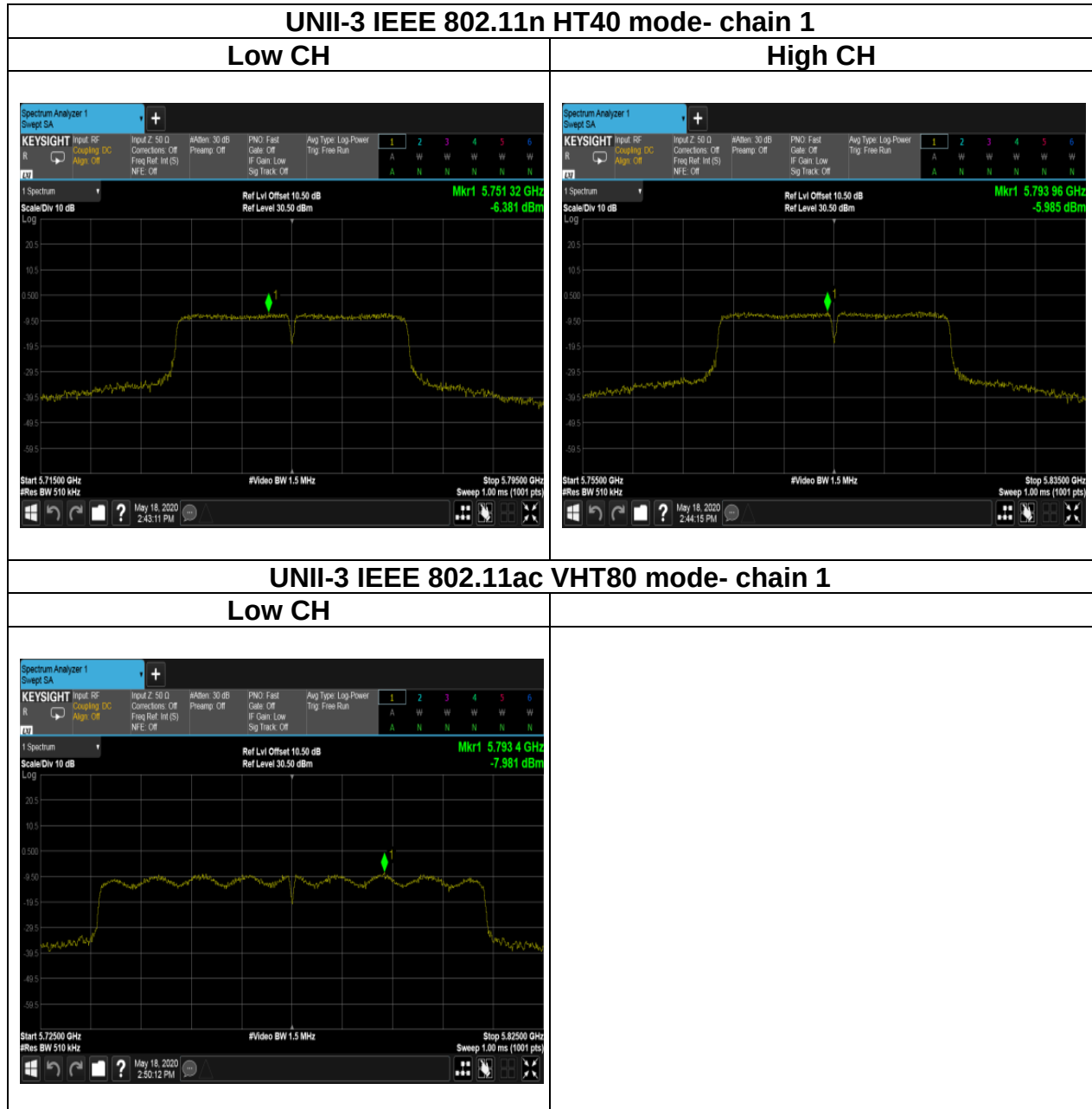


Mid CH



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

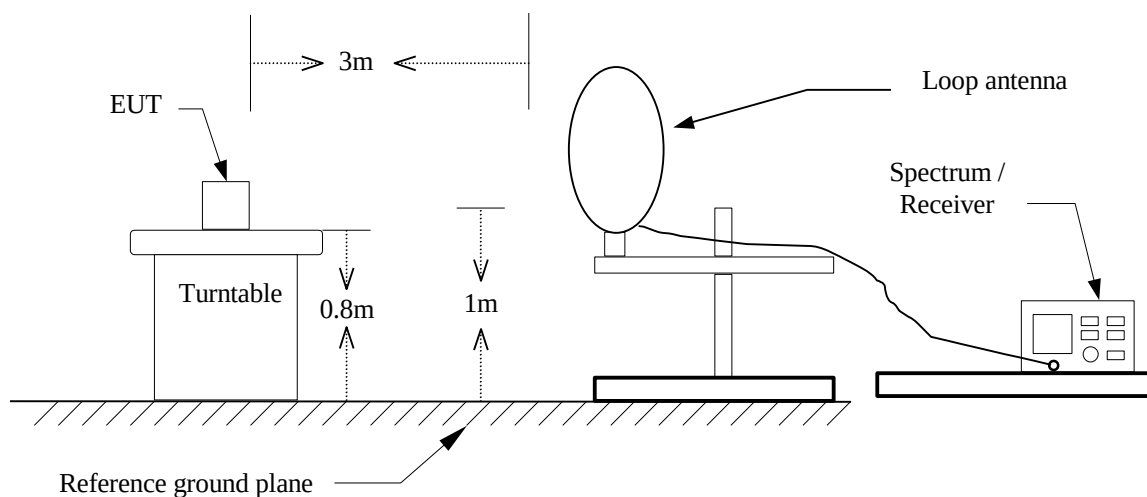
4.5.2 Test Procedure

Test method Refer as KDB 789033 D02.

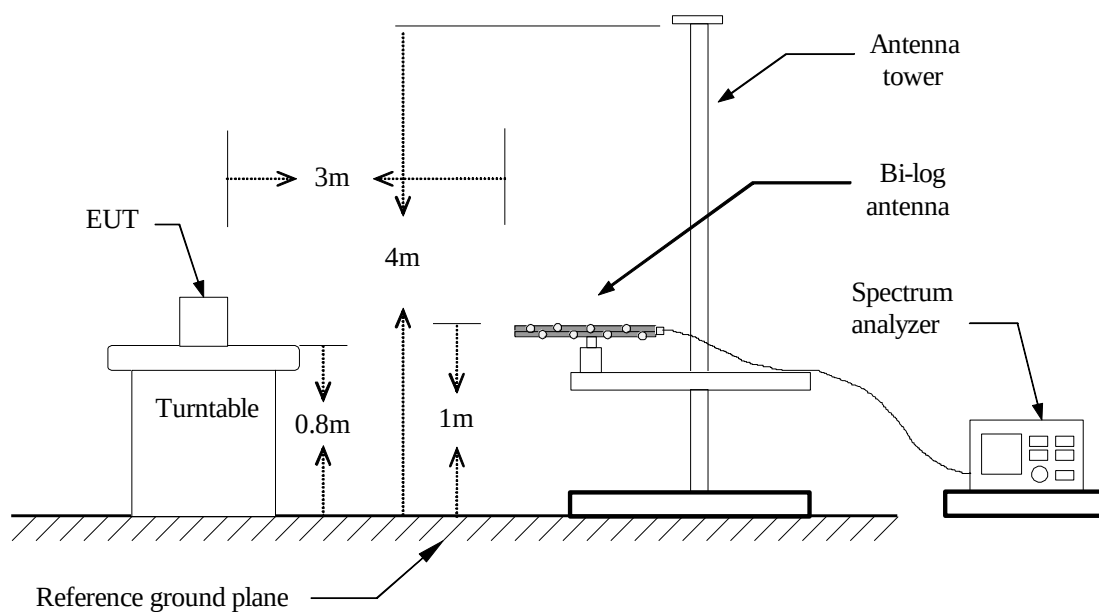
1. The EUT is placed on a turntable, Above 1 GHz is 1.5m and below 1 GHz is 0.8m above ground plane. The EUT Configured un accordance with ANSI C63.10: 2013, and the EUT set in a continuous mode.
2. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level. And 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

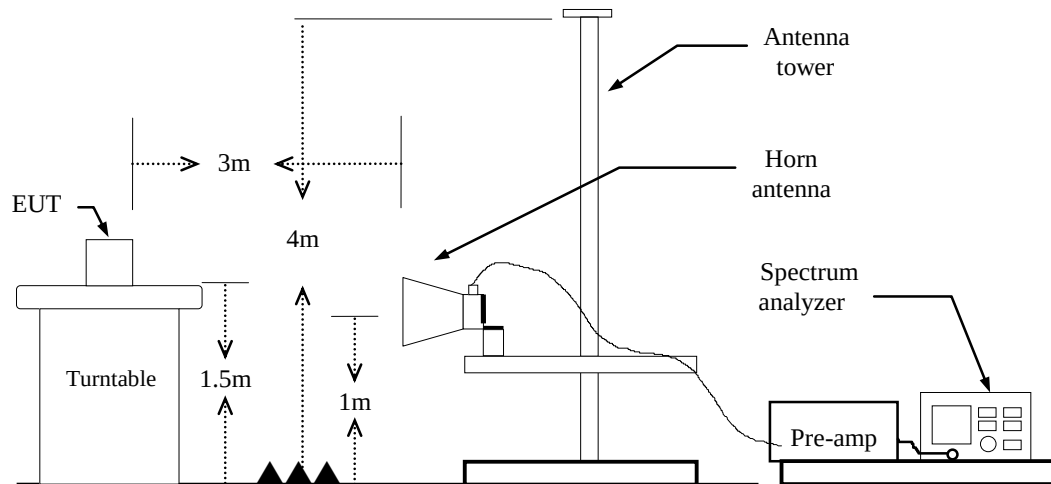
9kHz ~ 30MHz



30MHz ~ 1GHz



Above 1 GHz

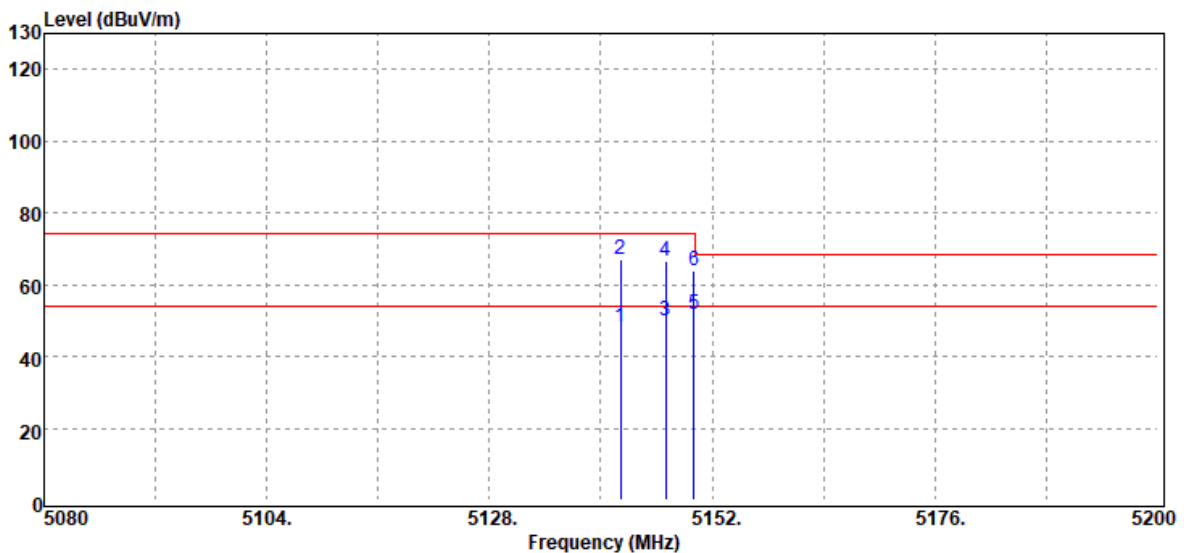


4.5.4 Test Result

Band Edge Test Data

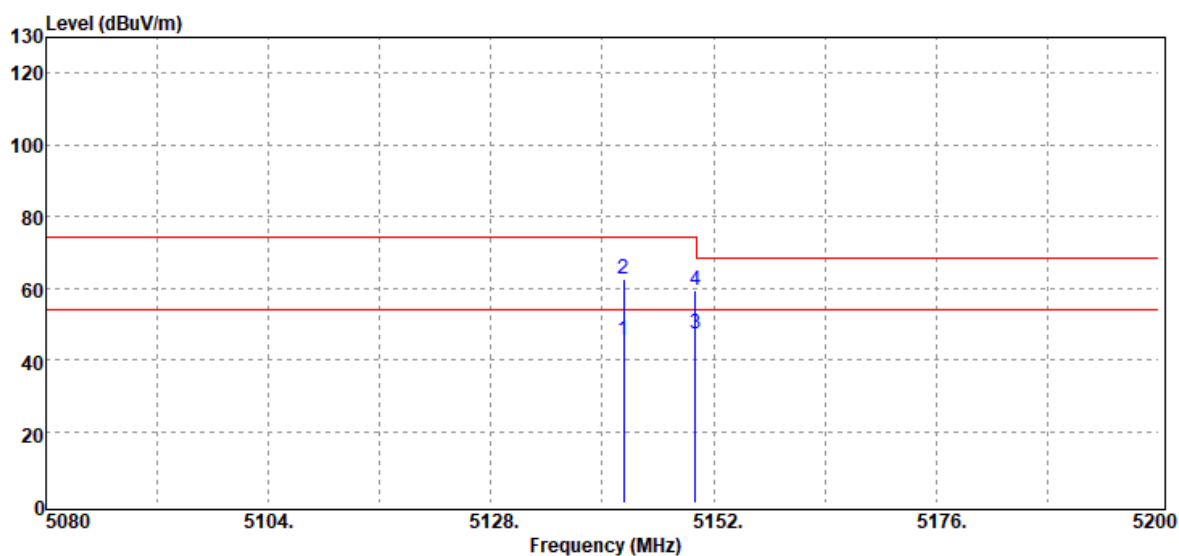
Test Data for UNII-1

Test Mode	IEEE 802.11a / 5180MHZ	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 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
5142.16	Average	42.72	5.53	48.25	54.00	-5.75
5142.16	Peak	61.54	5.53	67.07	74.00	-6.93
5146.96	Average	44.41	5.57	49.98	54.00	-4.02
5146.96	Peak	61.10	5.57	66.67	74.00	-7.33
5150.00	Average	46.12	5.58	51.70	54.00	-2.30
5150.00	Peak	58.41	5.58	63.99	74.00	-10.01

Test Mode	IEEE 802.11a / 5180MHZ	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 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
5142.28	Average	40.06	5.53	45.59	54.00	-8.41
5142.28	Peak	56.79	5.53	62.32	74.00	-11.68
5150.00	Average	41.77	5.58	47.35	54.00	-6.65
5150.00	Peak	53.93	5.58	59.51	74.00	-14.49

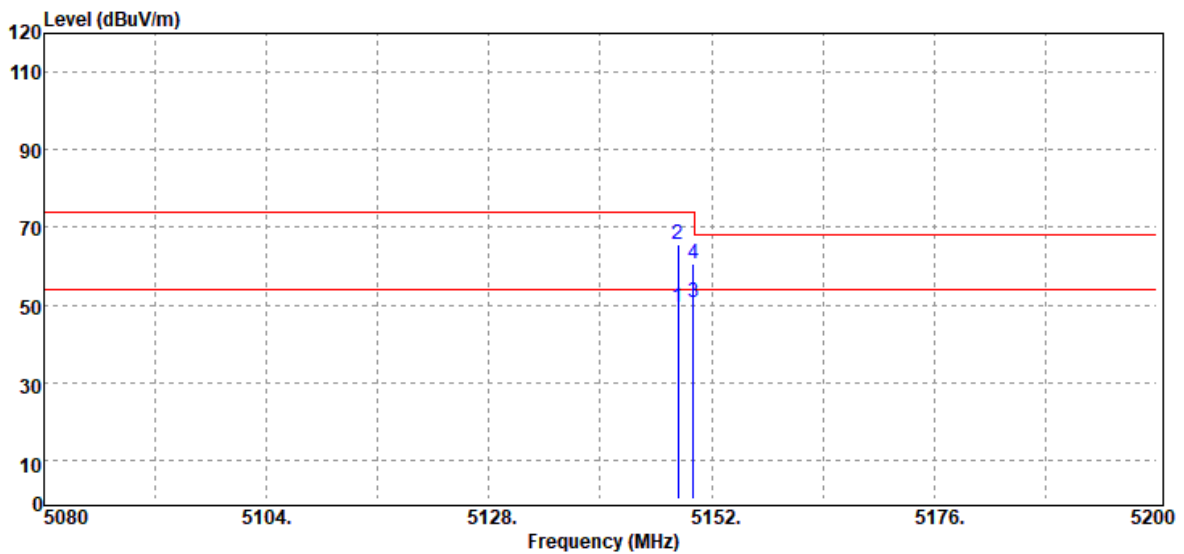


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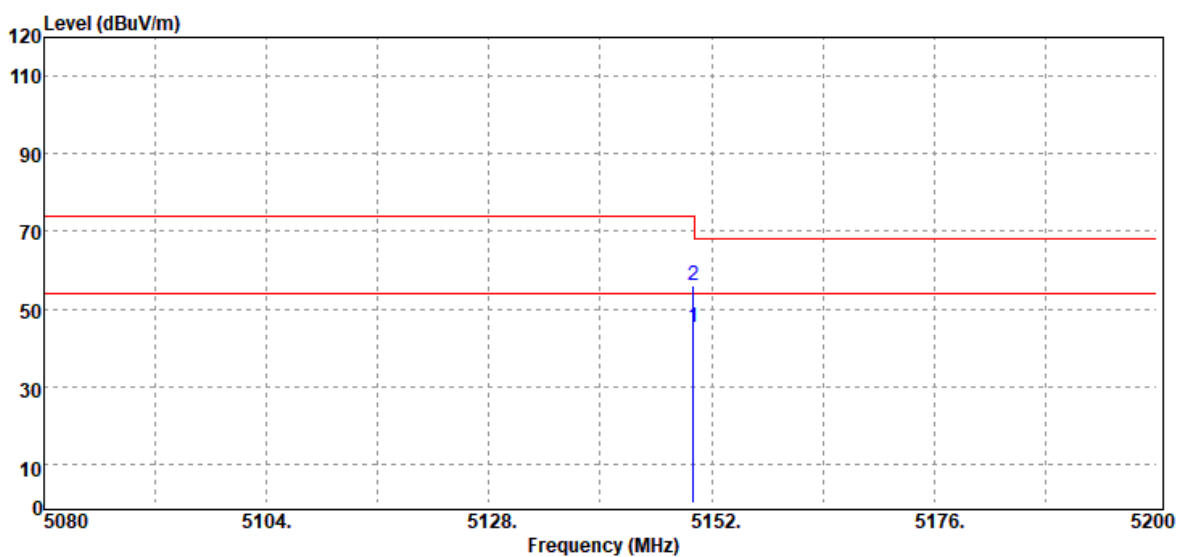
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Test Mode	IEEE 802.11n 20 MHz / 5180MHZ	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		



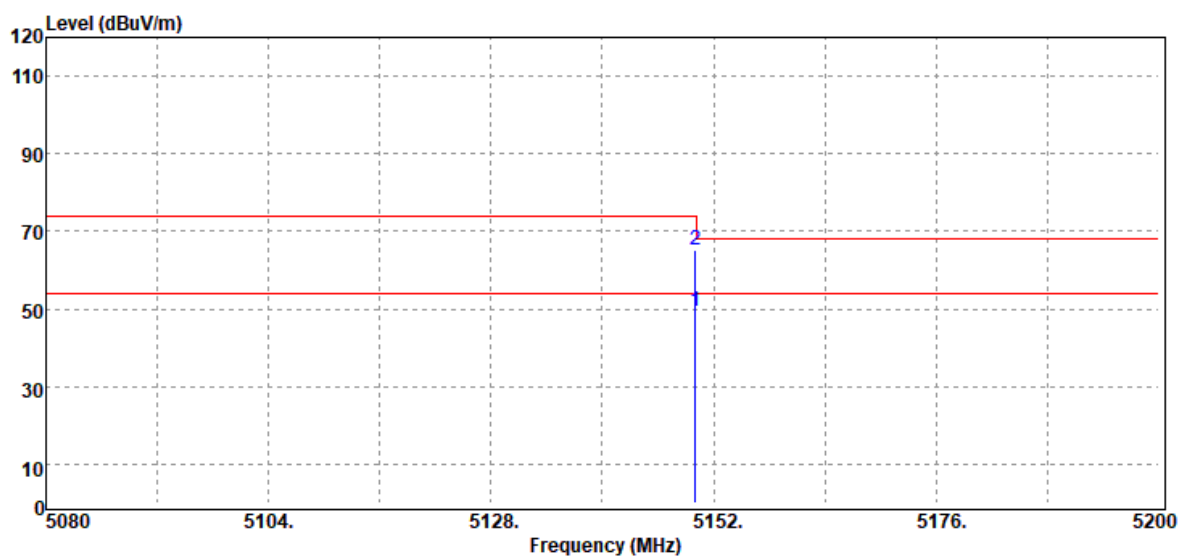
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5148.40	Average	43.96	5.57	49.53	54.00	-4.47
5148.40	Peak	59.91	5.57	65.48	74.00	-8.52
5150.00	Average	44.95	5.58	50.53	54.00	-3.47
5150.00	Peak	55.06	5.58	60.64	74.00	-13.36

Test Mode	IEEE 802.11n 20 MHz / 5180MHZ	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		



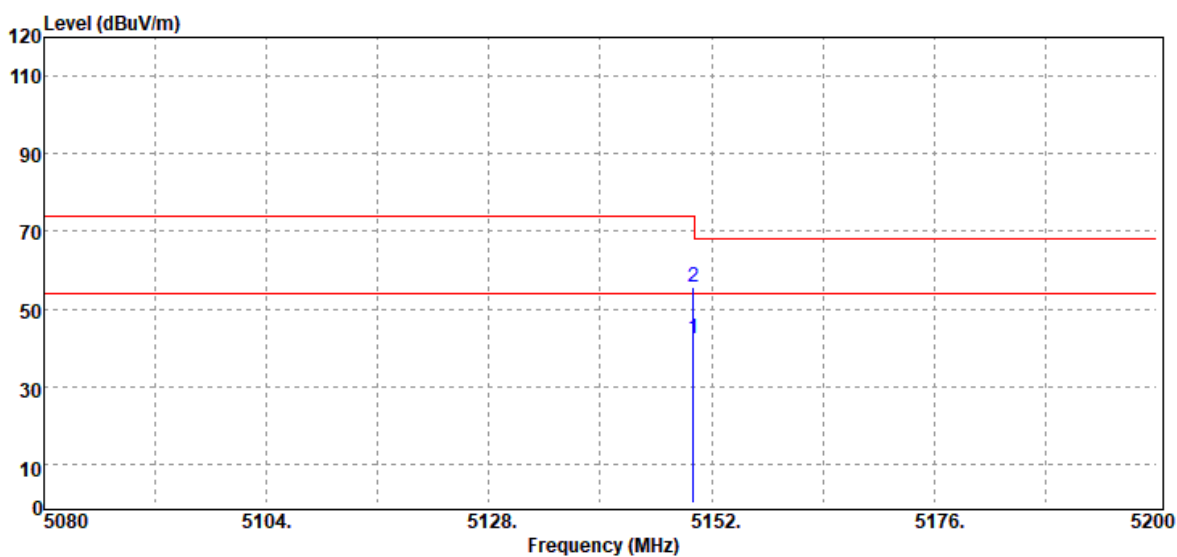
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5150.00	Average	39.60	5.58	45.18	54.00	-8.82
5150.00	Peak	50.34	5.58	55.92	74.00	-18.08

Test Mode	IEEE 802.11n 40 MHz / 5190MHZ	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		



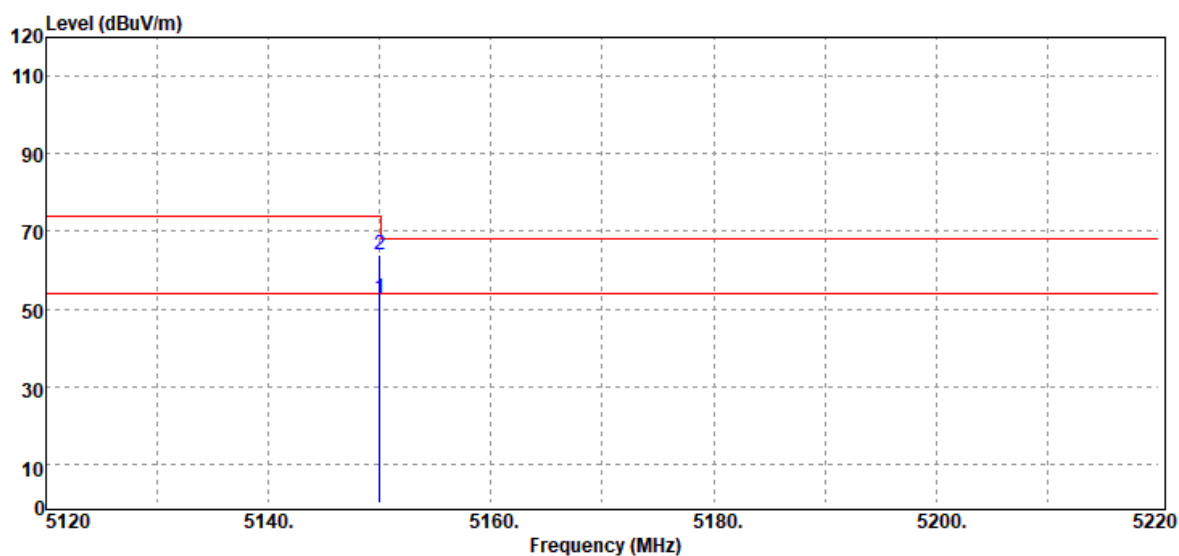
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5150.00	Average	43.89	5.58	49.47	54.00	-4.53
5150.00	Peak	59.50	5.58	65.08	74.00	-8.92

Test Mode	IEEE 802.11n 40 MHz / 5190MHZ	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		



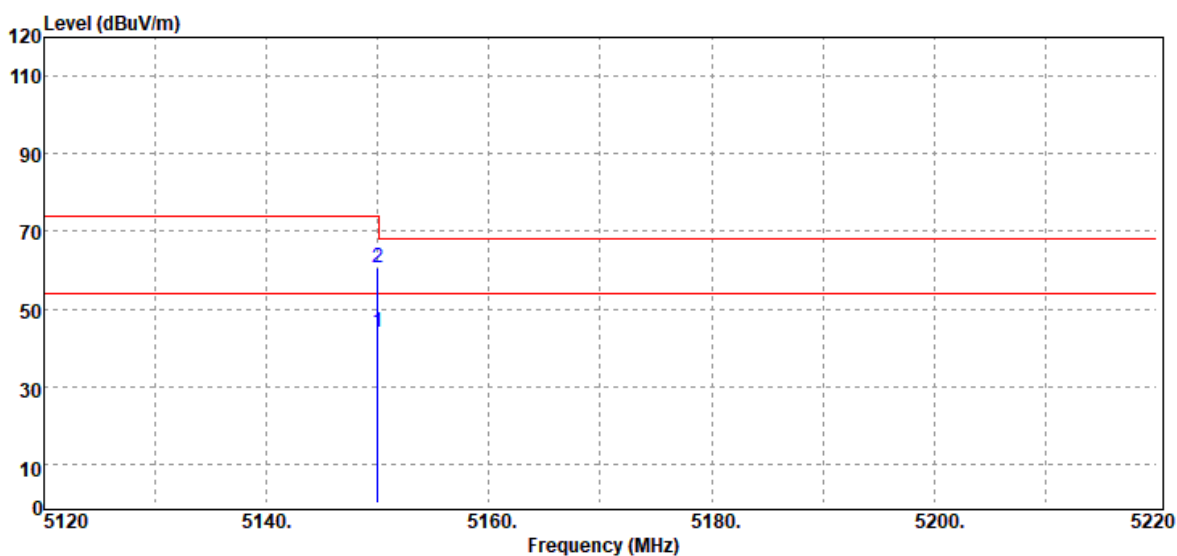
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5150.00	Average	36.89	5.58	42.47	54.00	-11.53
5150.00	Peak	50.13	5.58	55.71	74.00	-18.29

Test Mode	I EEE 802.11ac VHT80 / 5210MHZ	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 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	47.16	5.58	52.74	54.00	-1.26
5150.00	Peak	58.17	5.58	63.75	74.00	-10.25

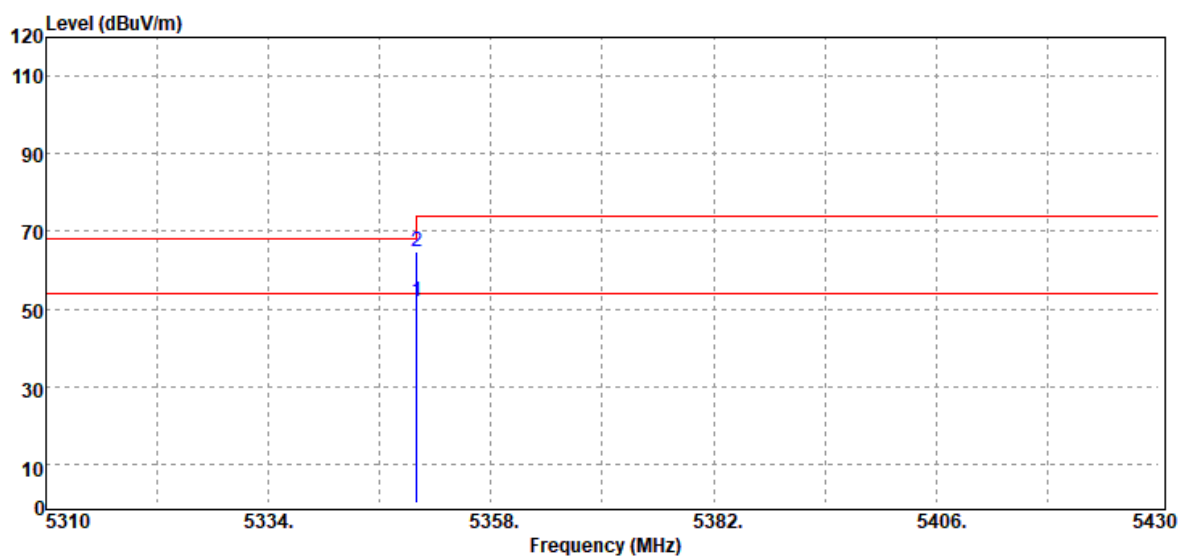
Test Mode	I EEE 802.11ac VHT80 / 5210MHZ	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		



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	38.35	5.58	43.93	54.00	-10.07
5150.00	Peak	54.89	5.58	60.47	74.00	-13.53

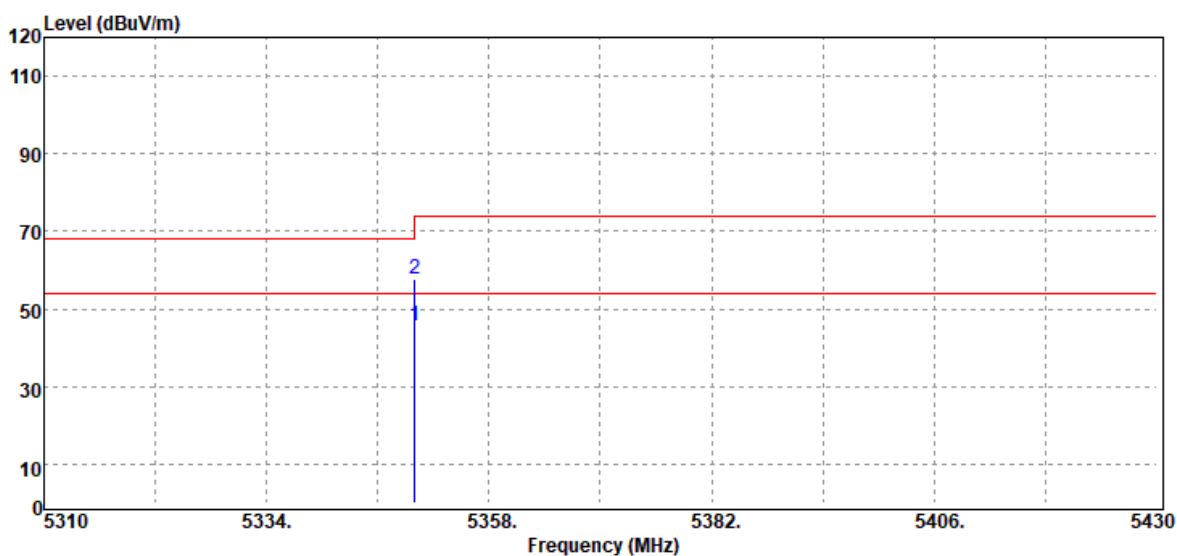
Test Data for UNII-2a

Test Mode	IEEE 802.11a / 5320 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 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	45.92	5.82	51.74	54.00	-2.26
5350.00	Peak	58.89	5.82	64.71	74.00	-9.29

Test Mode	IEEE 802.11a / 5320 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 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	40.01	5.82	45.83	54.00	-8.17
5350.00	Peak	52.08	5.82	57.90	74.00	-16.10

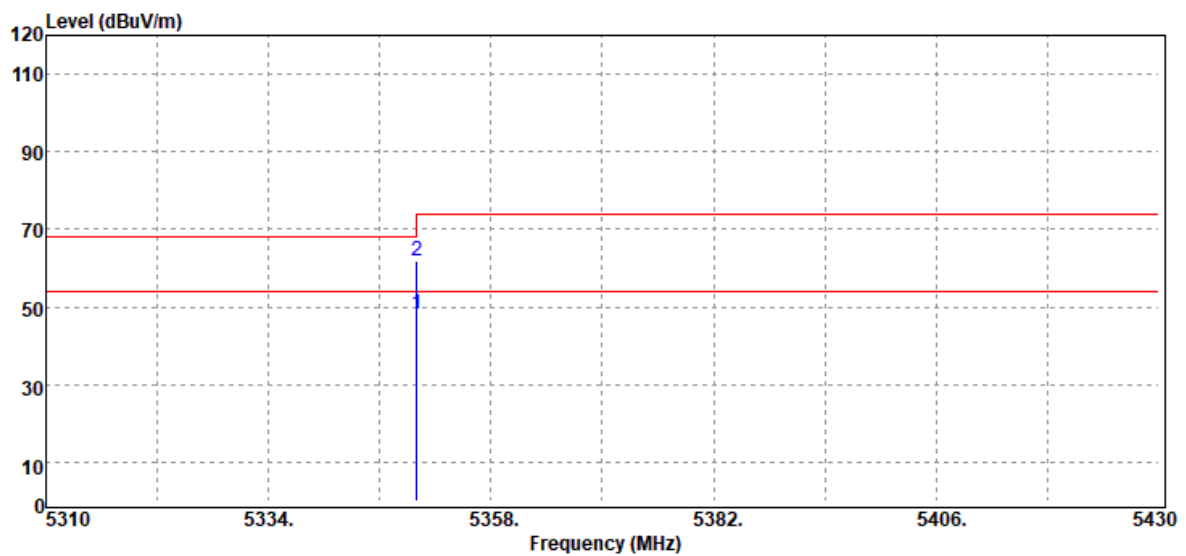


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Test Mode	IEEE 802.11n 20 MHz / 5320MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		



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	42.21	5.82	48.03	54.00	-5.97
5350.00	Peak	56.18	5.82	62.00	74.00	-12.00

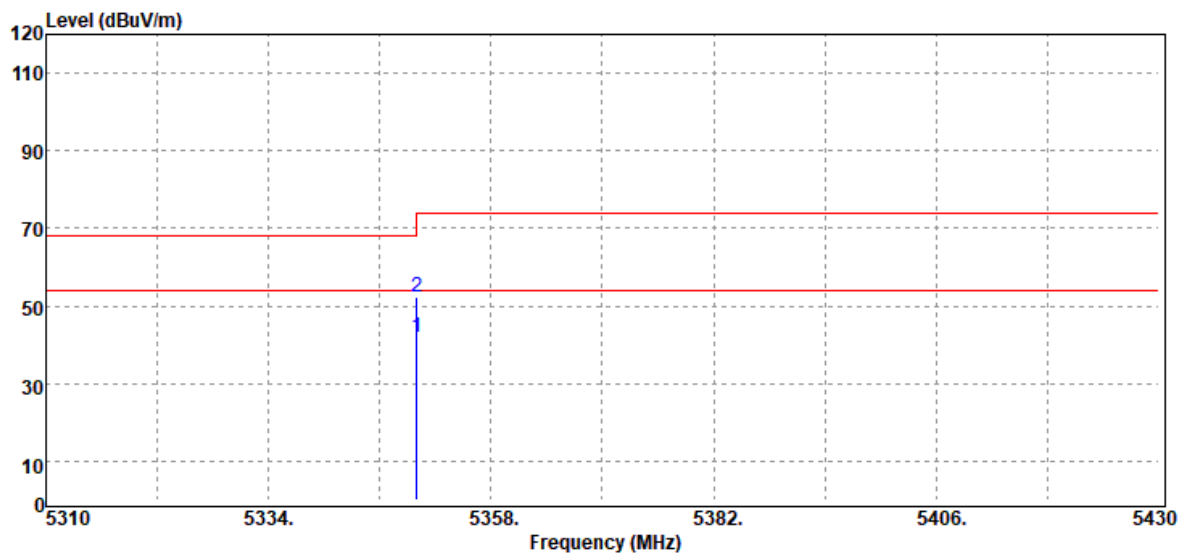


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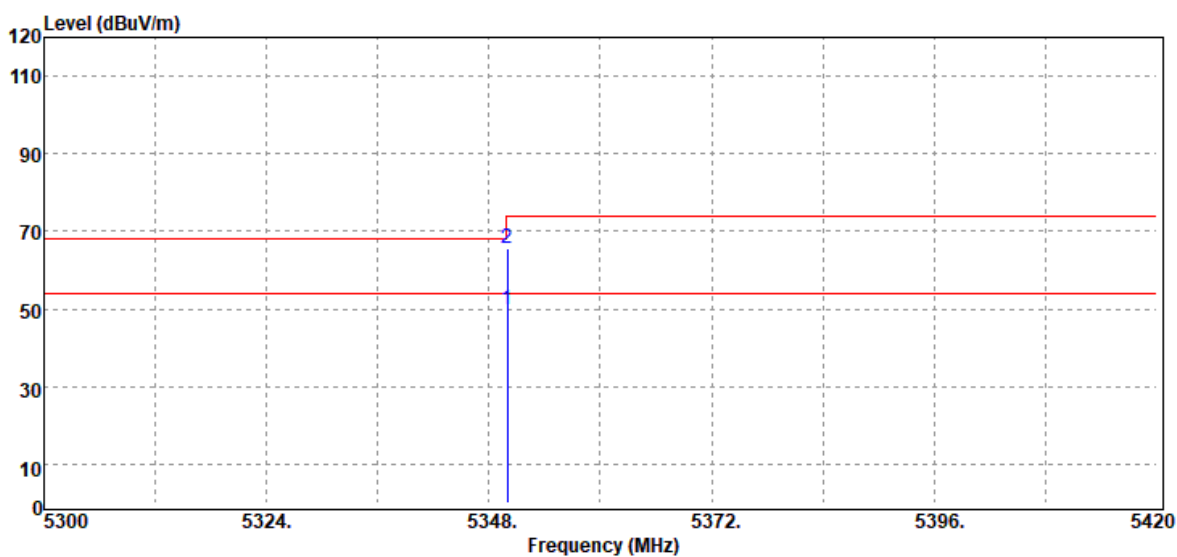
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Test Mode	IEEE 802.11n 20 MHz / 5320MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		



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	36.14	5.82	41.96	54.00	-12.04
5350.00	Peak	46.32	5.82	52.14	74.00	-21.86

Test Mode	IEEE 802.11n 40 MHz / 5310MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 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	43.88	5.82	49.70	54.00	-4.30
5350.00	Peak	59.89	5.82	65.71	74.00	-8.29

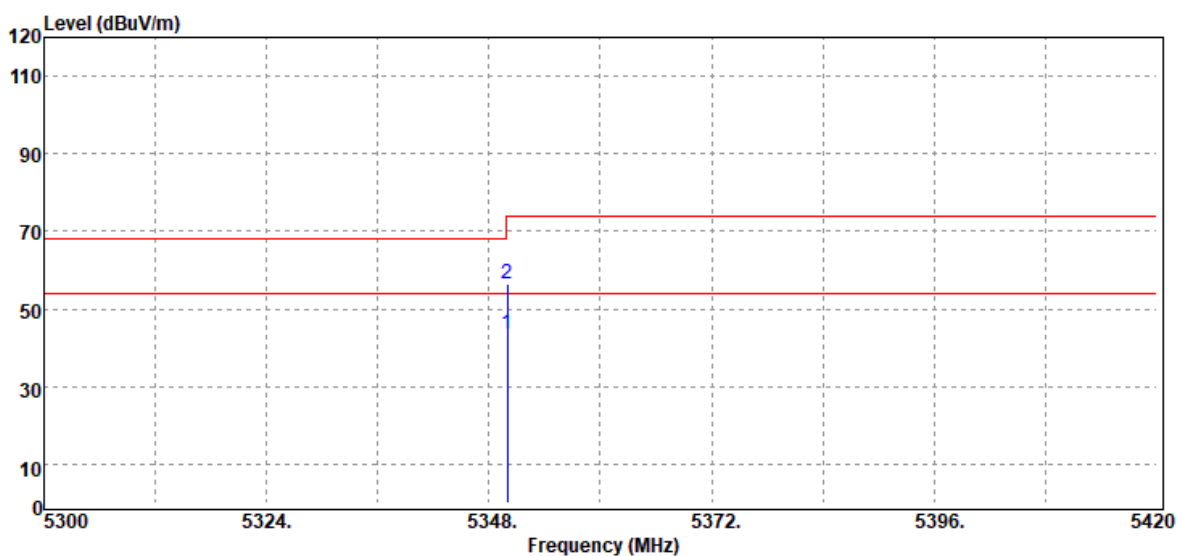


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Test Mode	IEEE 802.11n 40 MHz / 5310MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		



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	37.80	5.82	43.62	54.00	-10.38
5350.00	Peak	50.67	5.82	56.49	74.00	-17.51

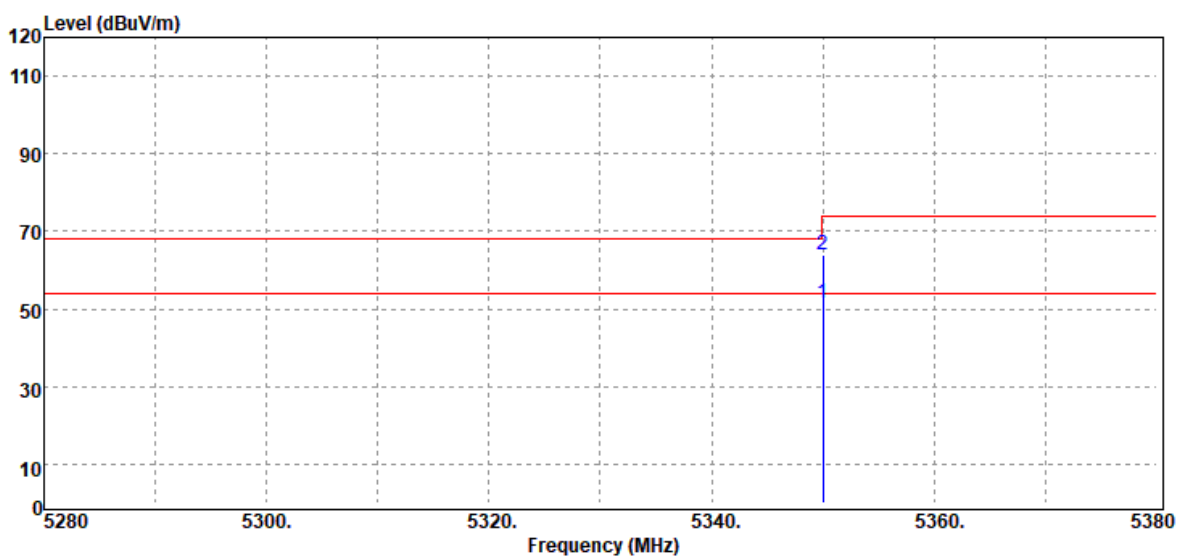


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Test Mode	IEEE 802.11ac VHT80 / 5290MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		



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	45.47	5.82	51.29	54.00	-2.71
5350.00	Peak	58.09	5.82	63.91	74.00	-10.09

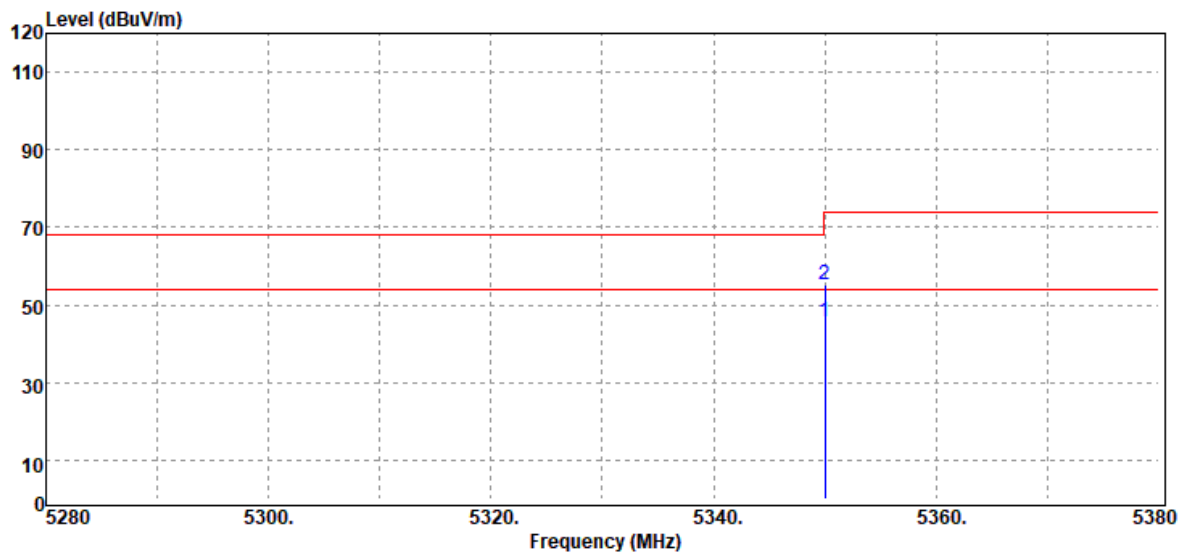


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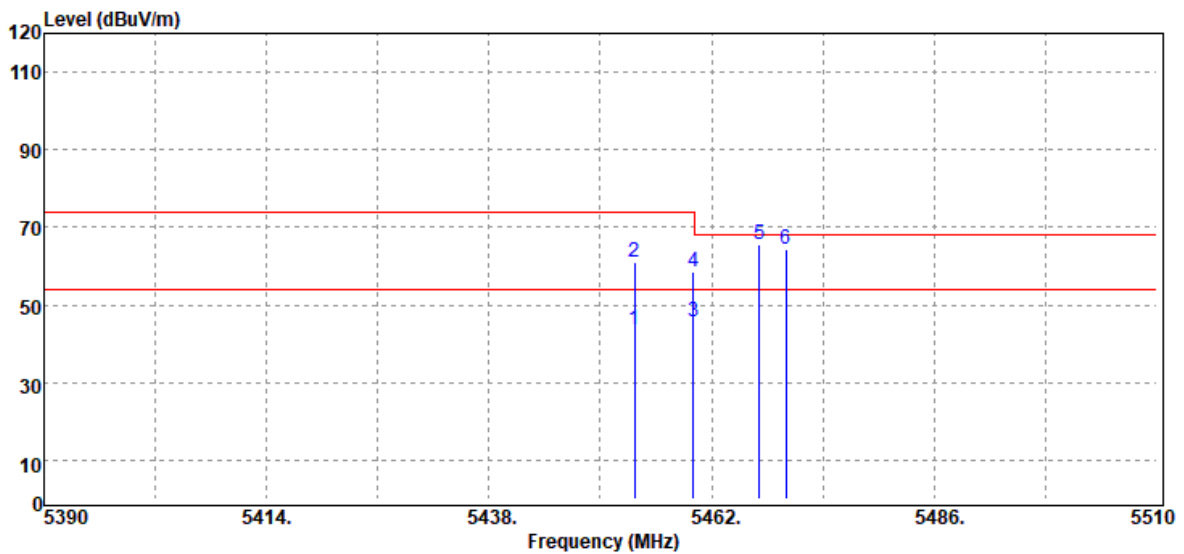
Test Mode	IEEE 802.11ac VHT80 / 5290MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		



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	39.65	5.82	45.47	54.00	-8.53
5350.00	Peak	49.50	5.82	55.32	74.00	-18.68

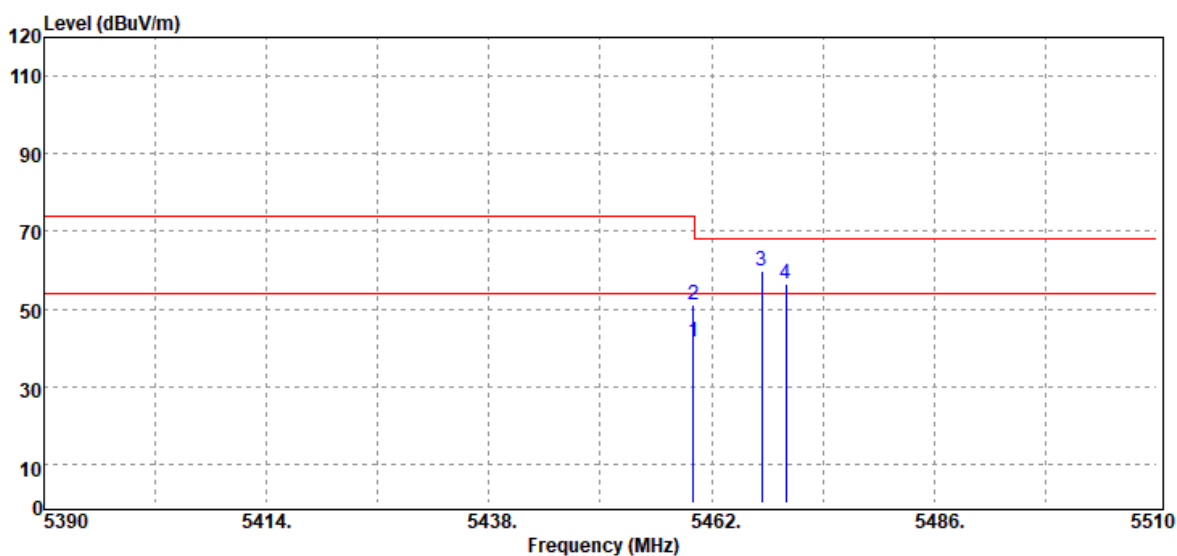
Test Data for UNII-2c

Test Mode	IEEE 802.11a / 5500MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 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
5453.72	Average	37.32	6.10	43.42	54.00	-10.58
5453.72	Peak	55.08	6.10	61.18	74.00	-12.82
5460.00	Average	39.56	6.11	45.67	54.00	-8.33
5460.00	Peak	52.44	6.11	58.55	74.00	-15.45
5467.16	Peak	59.46	6.12	65.58	68.20	-2.62
5470.00	Peak	58.01	6.14	64.15	68.20	-4.05

Test Mode	IEEE 802.11a / 5500MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 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	35.45	6.11	41.56	54.00	-12.44
5460.00	Peak	44.87	6.11	50.98	74.00	-23.02
5467.40	Peak	53.64	6.12	59.76	68.20	-8.44
5470.00	Peak	50.53	6.14	56.67	68.20	-11.53

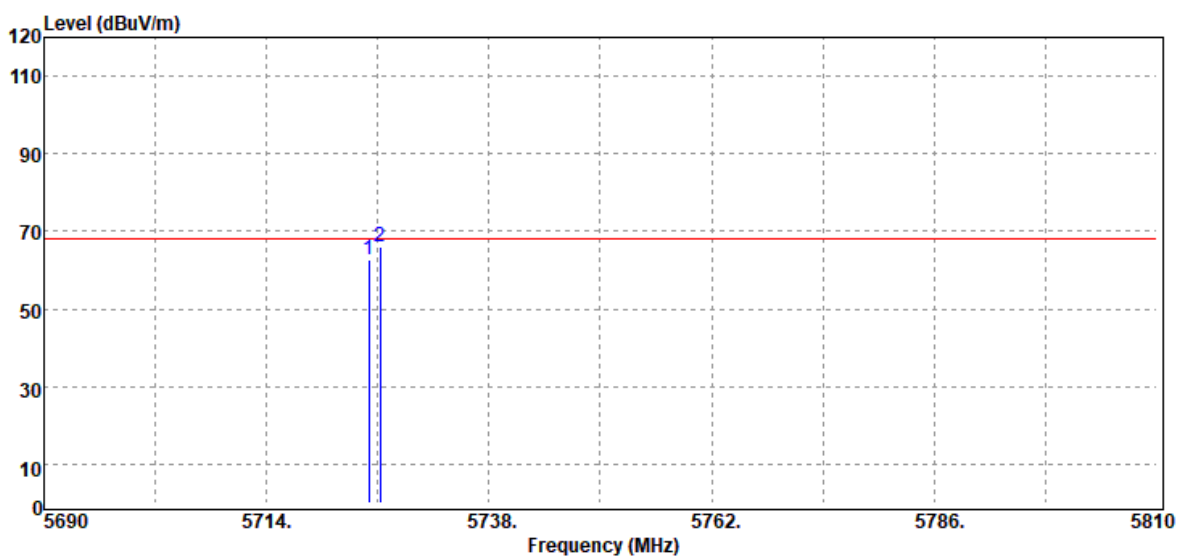


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Test Mode	IEEE 802.11a / 5700 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		



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	55.61	6.98	62.59	68.20	-5.61
5726.24	Peak	58.97	6.98	65.95	68.20	-2.25

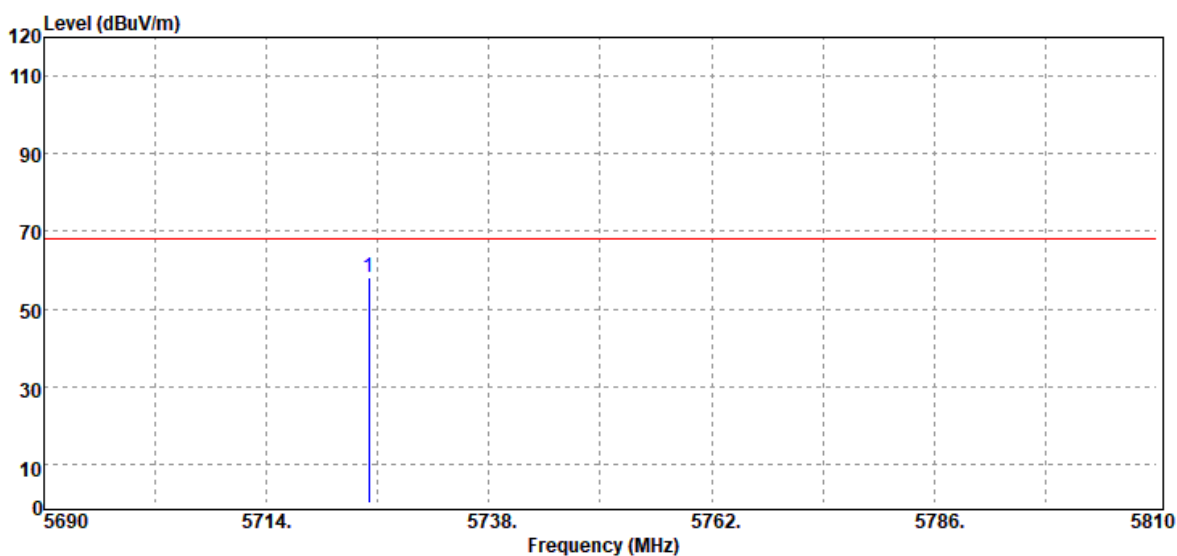


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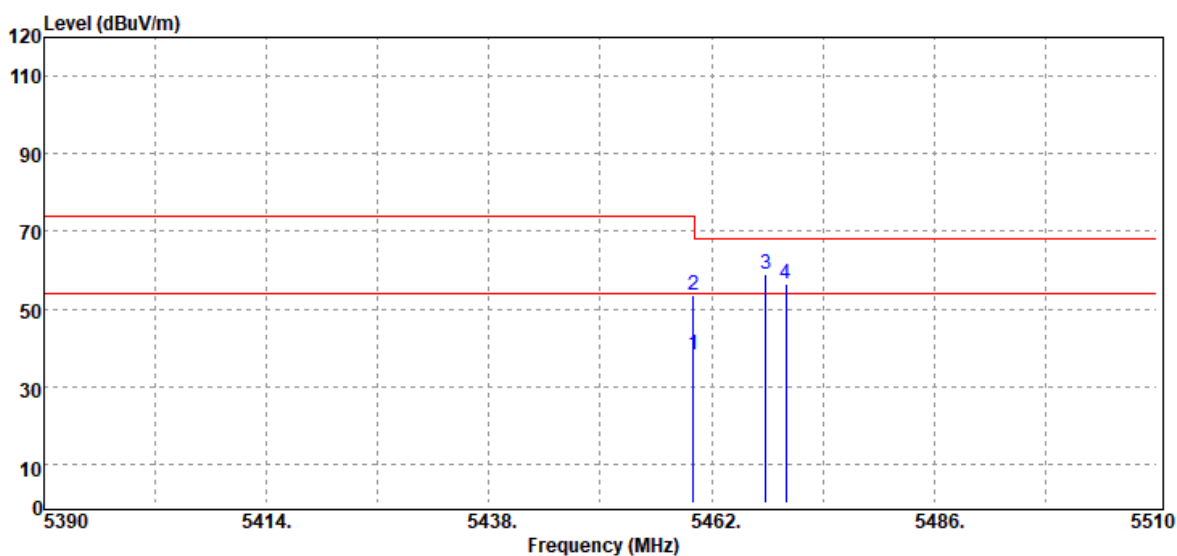
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Test Mode	IEEE 802.11a / 5700 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		



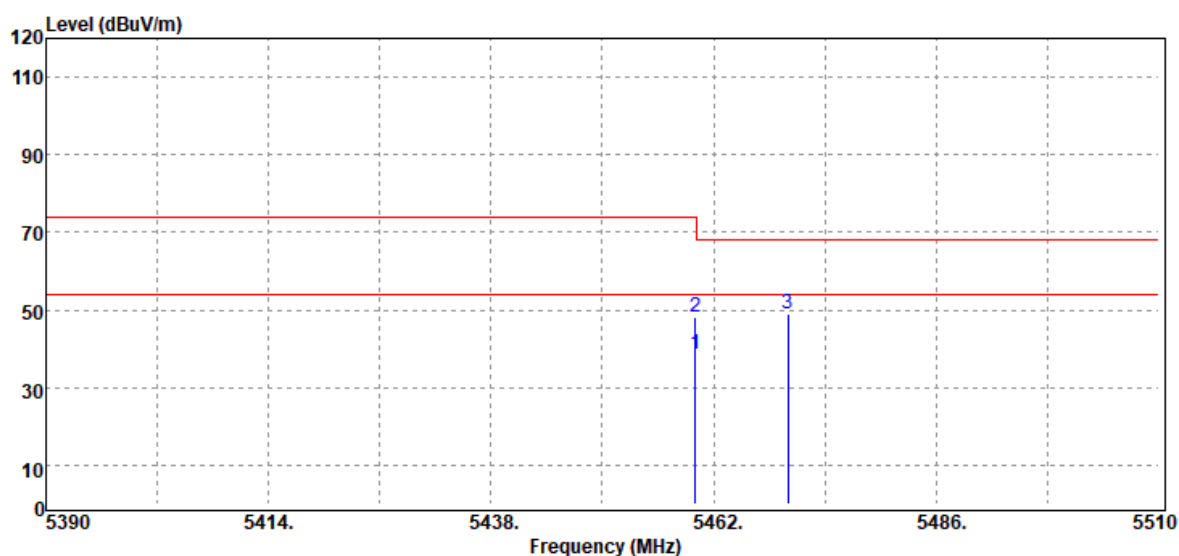
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5725.00	Peak	51.13	6.98	58.11	68.20	-10.09

Test Mode	IEEE 802.11n 20 MHz / 5500MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 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	32.21	6.11	38.32	54.00	-15.68
5460.00	Peak	47.33	6.11	53.44	74.00	-20.56
5467.88	Peak	52.68	6.14	58.82	68.20	-9.38
5470.00	Peak	50.40	6.14	56.54	68.20	-11.66

Test Mode	IEEE 802.11n 20 MHz / 5500MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 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	32.59	6.11	38.70	54.00	-15.30
5460.00	Peak	41.91	6.11	48.02	74.00	-25.98
5470.00	Peak	42.72	6.14	48.86	68.20	-19.34

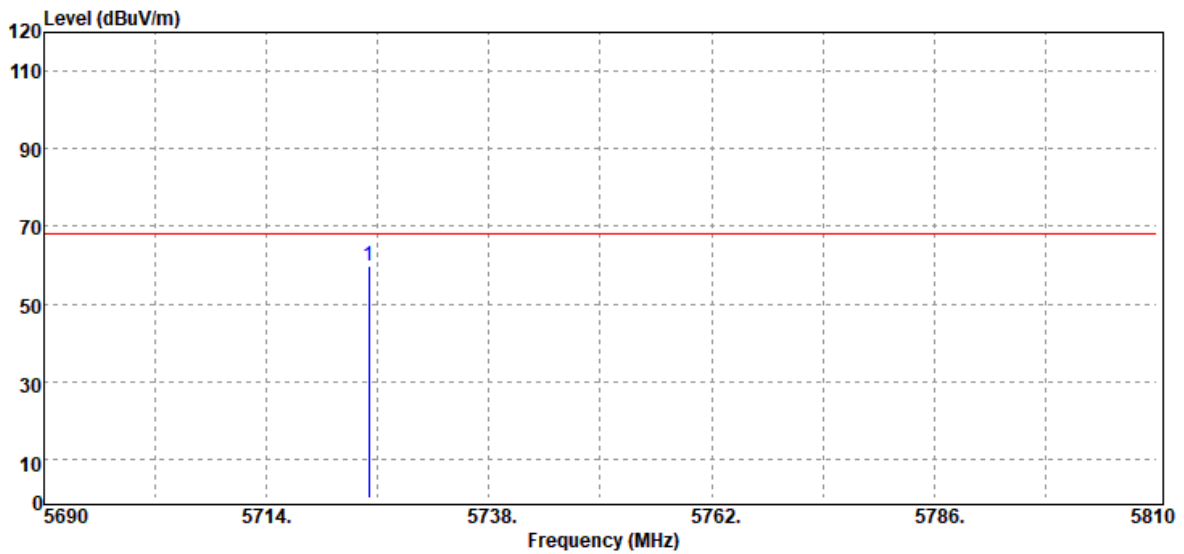


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Test Mode	IEEE 802.11n 20 MHz / 5700 MHz	Temperature	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		



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	52.84	6.98	59.82	68.20	-8.38

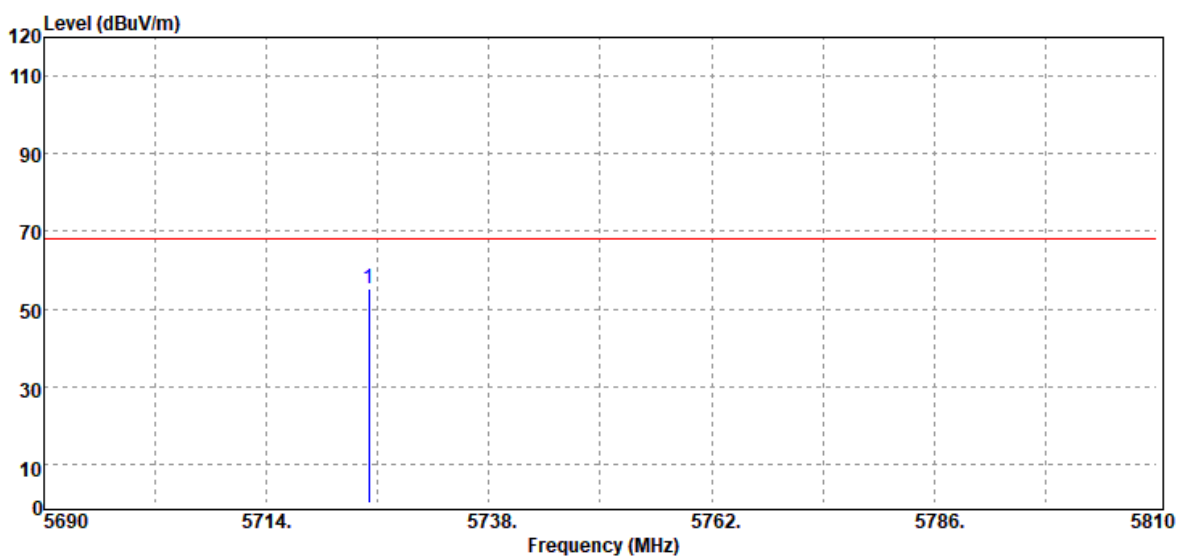


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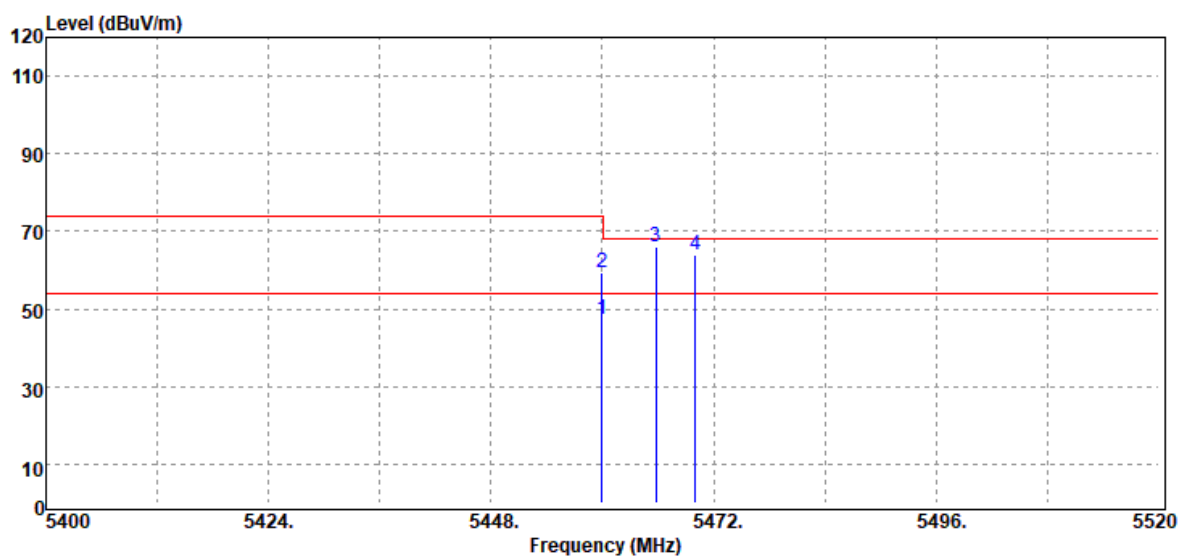
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Test Mode	IEEE 802.11n 20 MHz / 5700 MHz	Temperature	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		



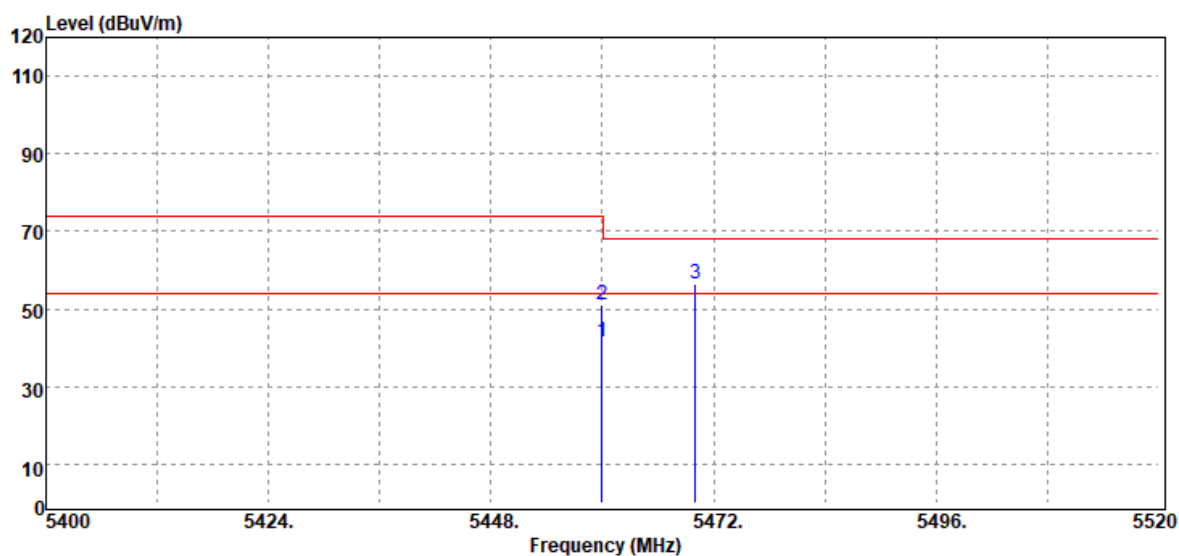
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.00	Peak	48.26	6.98	55.24	68.20	-12.96

Test Mode	IEEE 802.11n 40 MHz / 5510 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 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	41.10	6.11	47.21	54.00	-6.79
5460.00	Peak	53.23	6.11	59.34	74.00	-14.66
5465.76	Peak	60.01	6.12	66.13	68.20	-2.07
5470.00	Peak	57.98	6.14	64.12	68.20	-4.08

Test Mode	IEEE 802.11n 40 MHz / 5510 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 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	35.25	6.11	41.36	54.00	-12.64
5460.00	Peak	45.02	6.11	51.13	74.00	-22.87
5470.00	Peak	50.17	6.14	56.31	68.20	-11.89

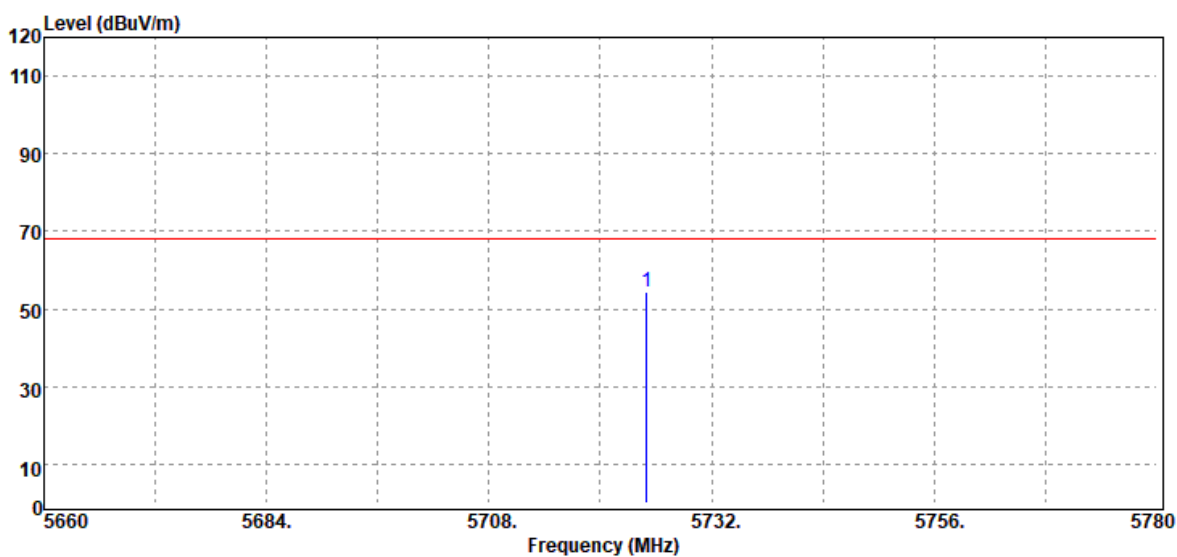


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Test Mode	IEEE 802.11n 40 MHz / 5670 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		



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	47.36	6.98	54.34	68.20	-13.86

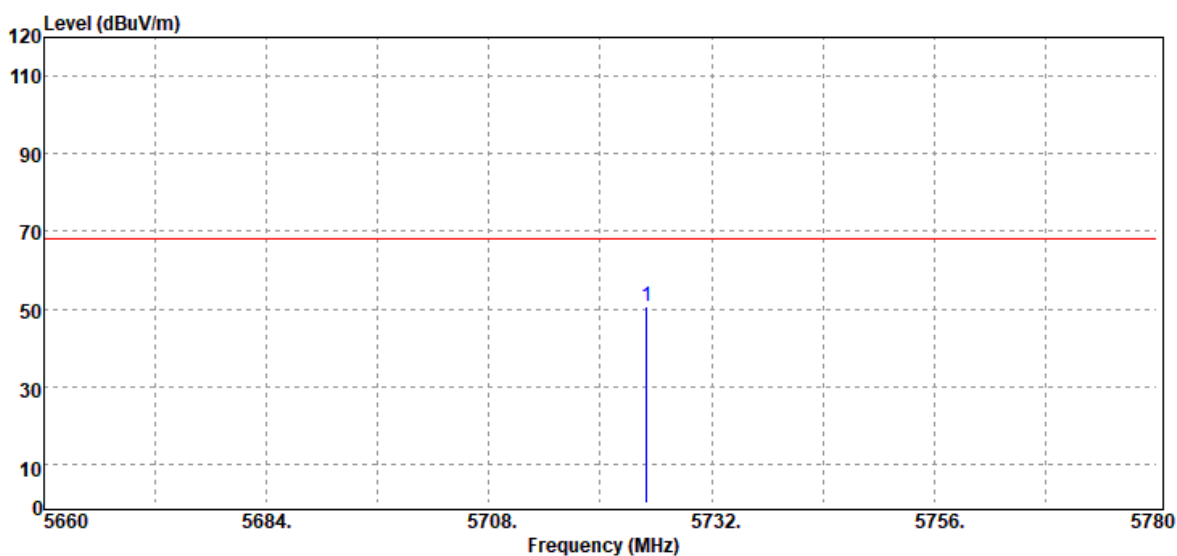


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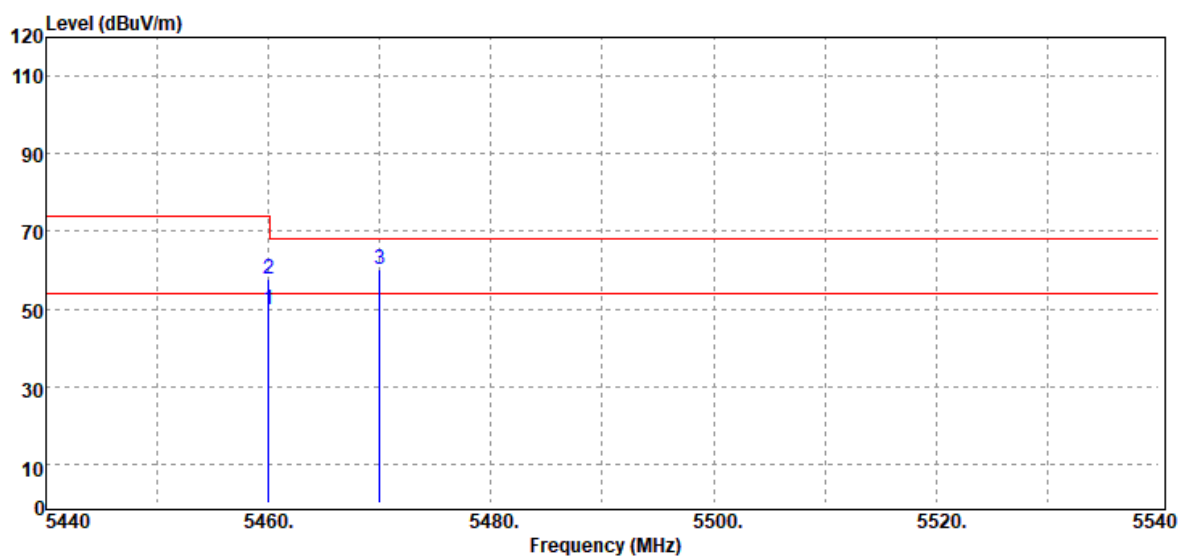
Rev.: 02

Test Mode	IEEE 802.11n 40 MHz / 5670 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		



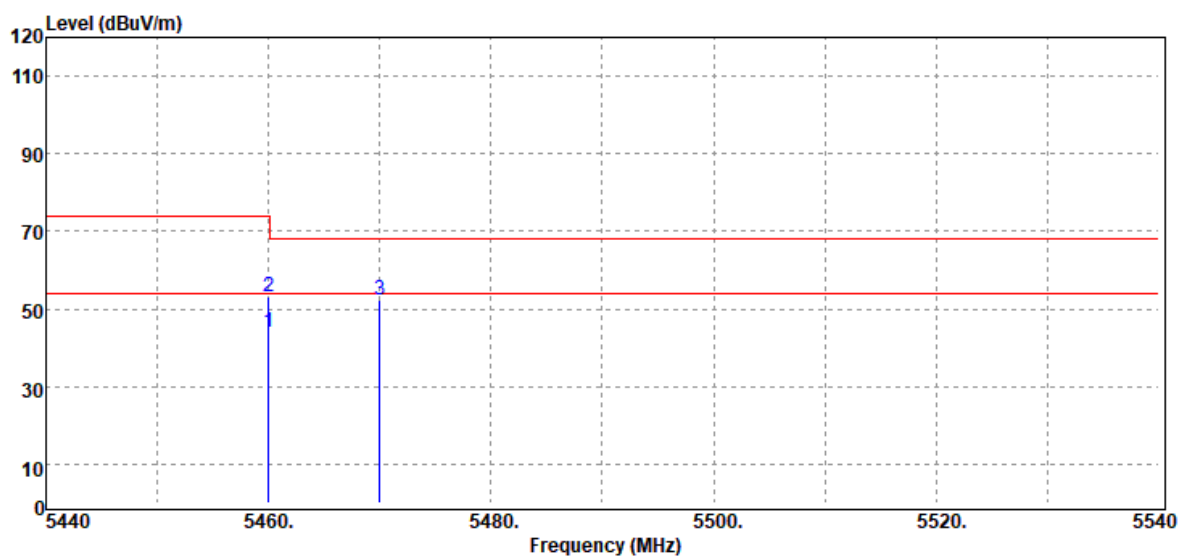
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5725.00	Peak	43.85	6.98	50.83	68.20	-17.37

Test Mode	IEEE 802.11ac VHT80 / 5530 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 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	43.91	6.11	50.02	54.00	-3.98
5460.00	Peak	51.62	6.11	57.73	74.00	-16.27
5470.00	Peak	54.12	6.14	60.26	68.20	-7.94

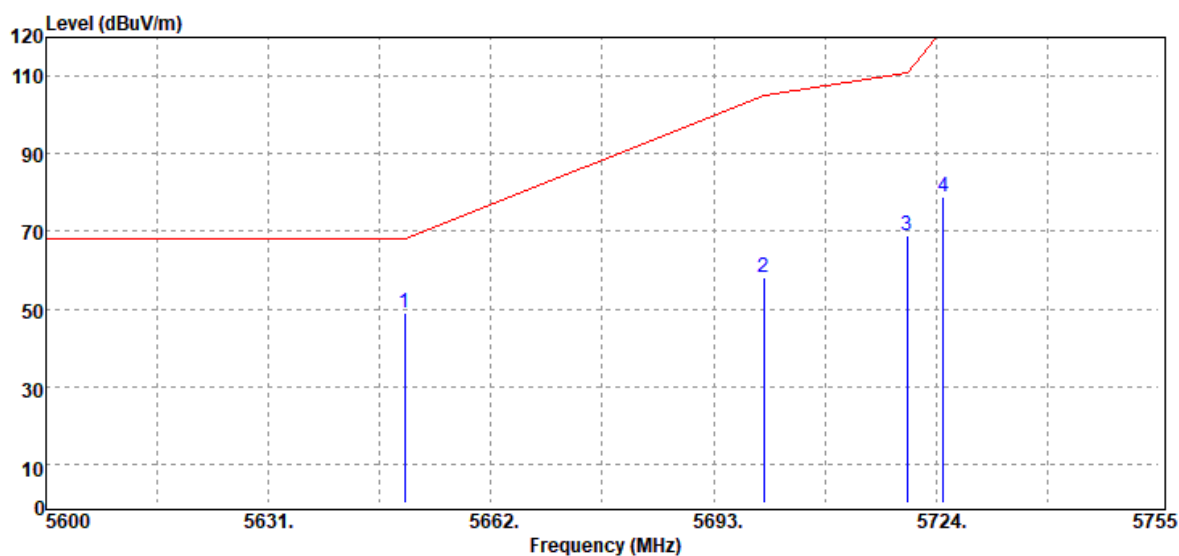
Test Mode	IEEE 802.11ac VHT80 / 5530 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		



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	37.98	6.11	44.09	54.00	-9.91
5460.00	Peak	46.88	6.11	52.99	74.00	-21.01
5470.00	Peak	46.30	6.14	52.44	68.20	-15.76

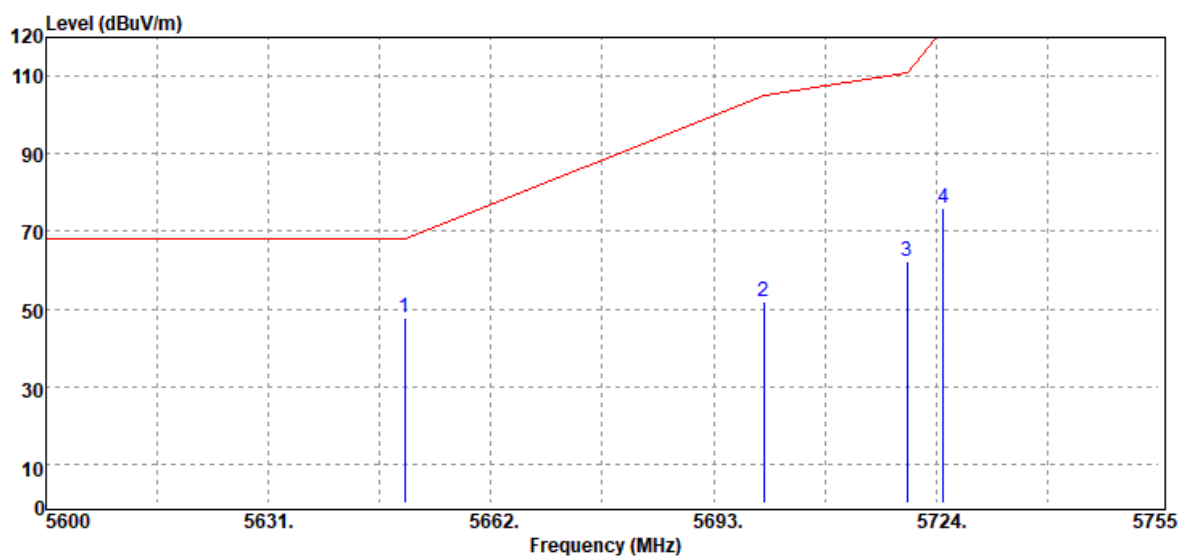
Test Data for UNII-3

Test Mode	IEEE 802.11a / 5745 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		



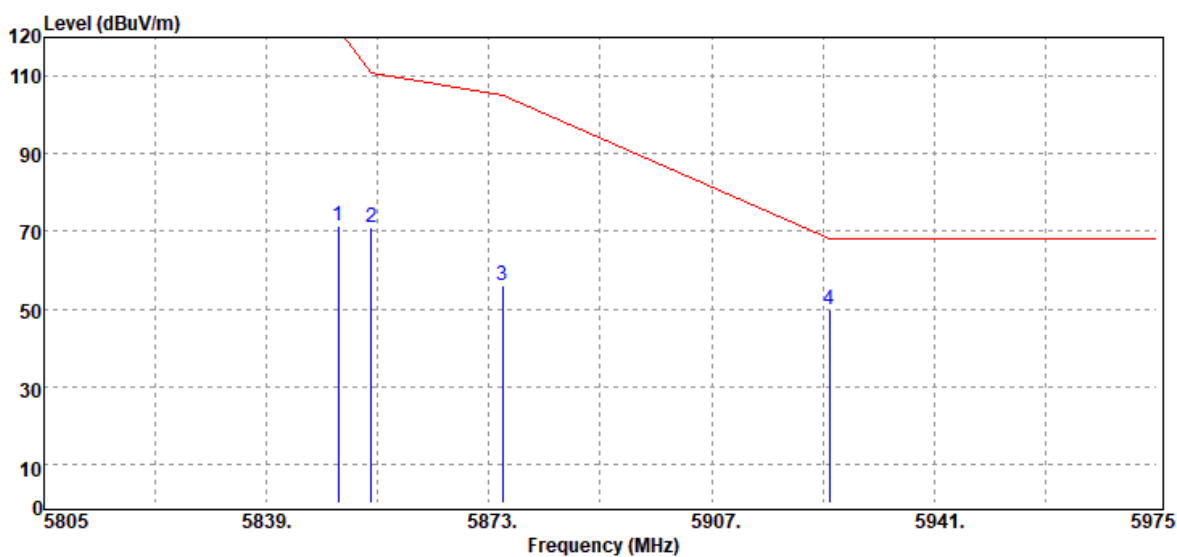
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.00	Peak	42.32	6.61	48.93	68.20	-19.27
5700.00	Peak	51.29	6.92	58.21	105.20	-46.99
5720.00	Peak	62.11	6.97	69.08	110.80	-41.72
5725.00	Peak	72.08	6.98	79.06	122.20	-43.14

Test Mode	IEEE 802.11a / 5745 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		



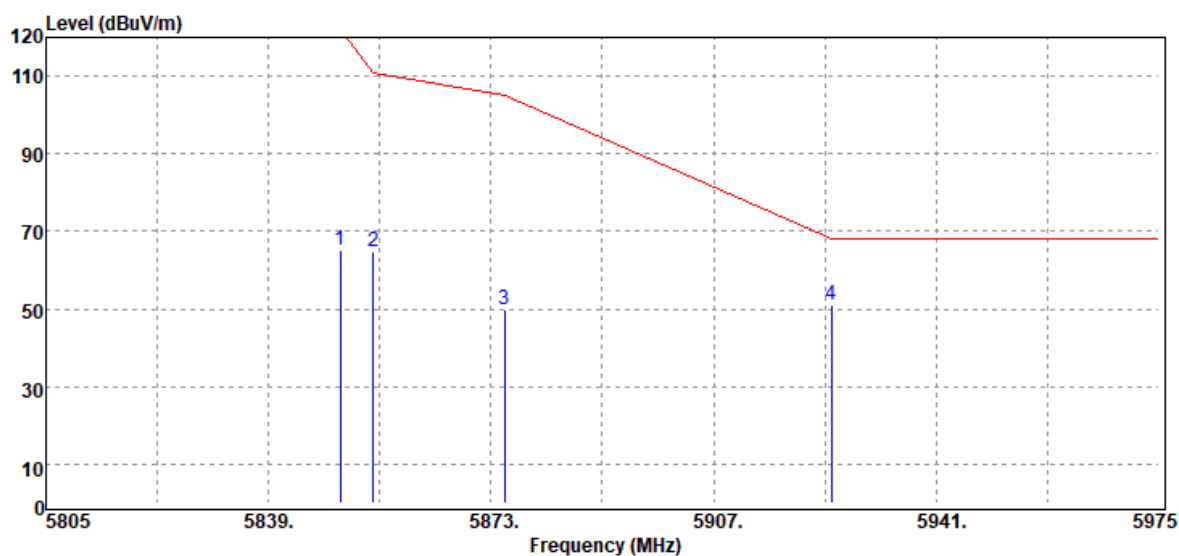
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.00	Peak	41.16	6.61	47.77	68.20	-20.43
5700.00	Peak	45.10	6.92	52.02	105.20	-53.18
5720.00	Peak	55.23	6.97	62.20	110.80	-48.60
5725.00	Peak	68.90	6.98	75.88	122.20	-46.32

Test Mode	IEEE 802.11a / 5825 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		



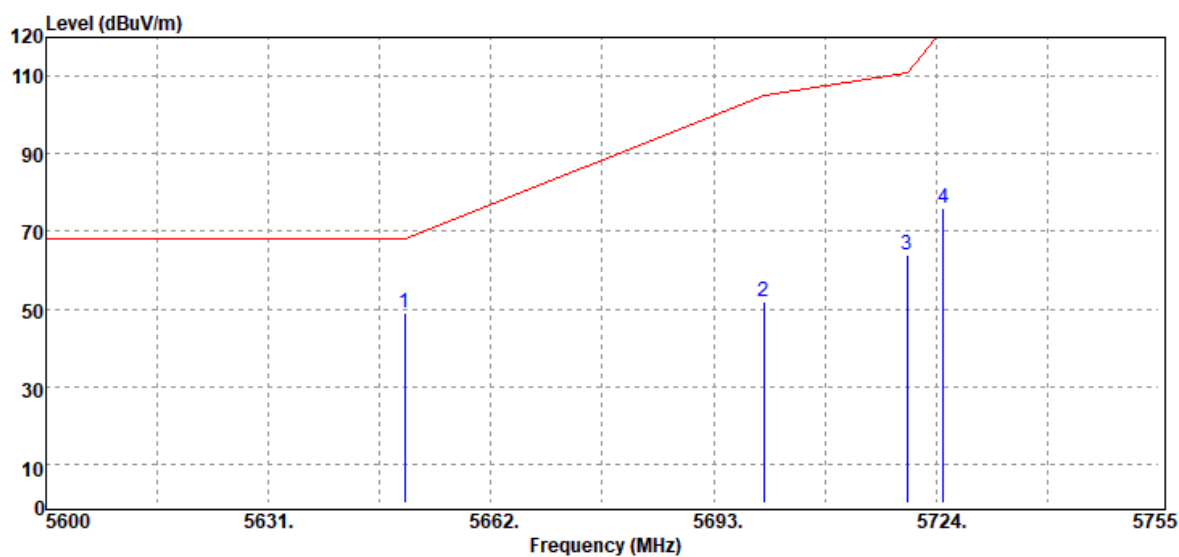
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.00	Peak	64.36	7.11	71.47	122.20	-50.73
5855.00	Peak	63.81	7.11	70.92	110.80	-39.88
5875.00	Peak	48.96	7.10	56.06	105.20	-49.14
5925.00	Peak	42.72	7.12	49.84	68.20	-18.36

Test Mode	IEEE 802.11a / 5825 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		



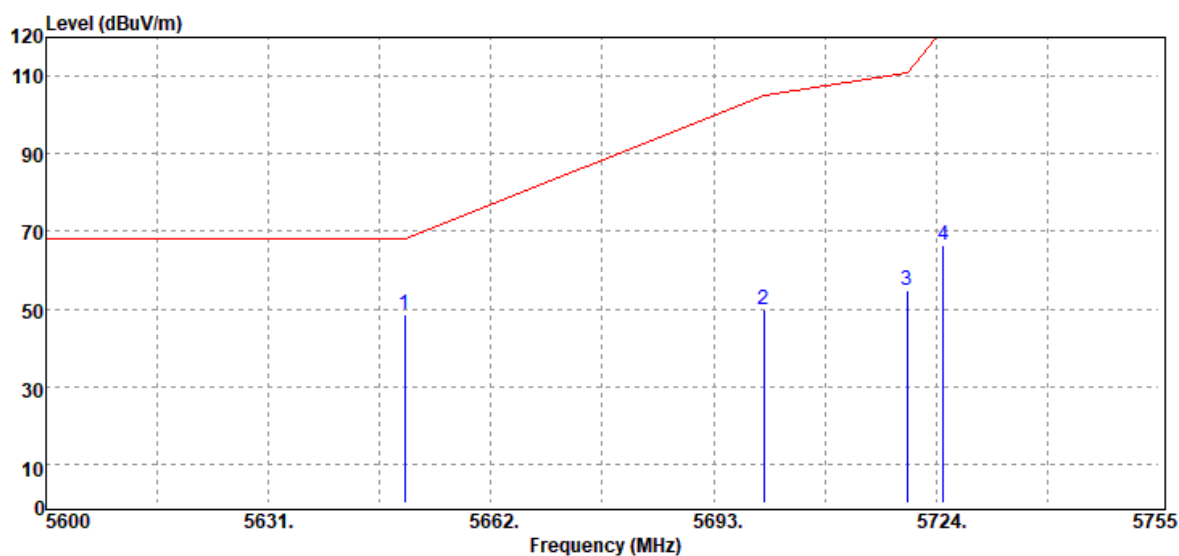
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.00	Peak	58.13	7.11	65.24	122.20	-56.96
5855.00	Peak	57.81	7.11	64.92	110.80	-45.88
5875.00	Peak	42.58	7.10	49.68	105.20	-55.52
5925.00	Peak	43.93	7.12	51.05	68.20	-17.15

Test Mode	IEEE 802.11n 20 MHz / 5745 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		



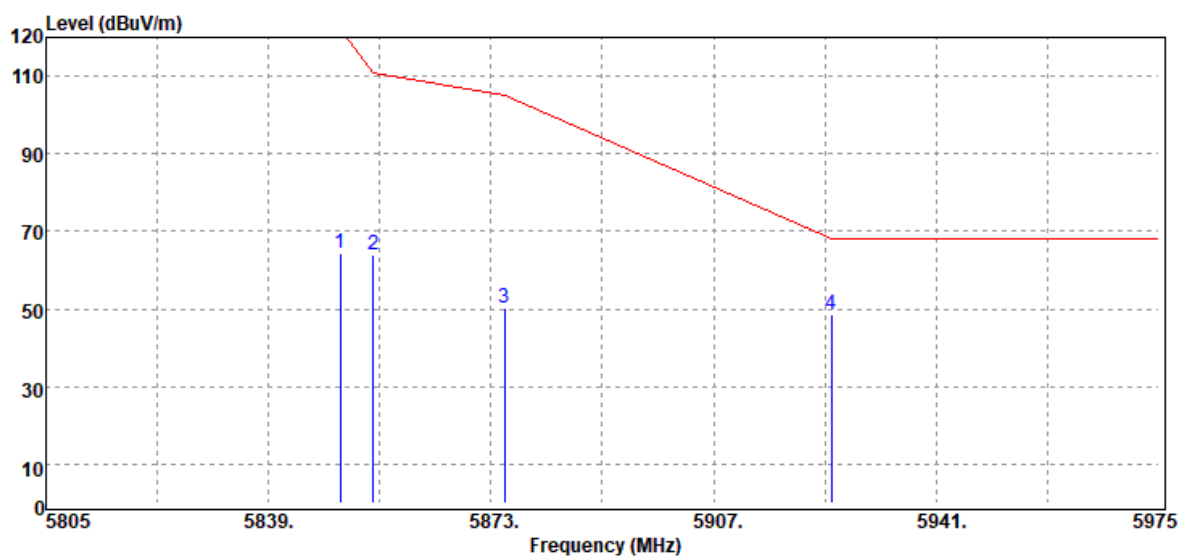
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.00	Peak	42.41	6.61	49.02	68.20	-19.18
5700.00	Peak	45.14	6.92	52.06	105.20	-53.14
5720.00	Peak	57.14	6.97	64.11	110.80	-46.69
5725.00	Peak	68.85	6.98	75.83	122.20	-46.37

Test Mode	IEEE 802.11n 20 MHz / 5745 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		



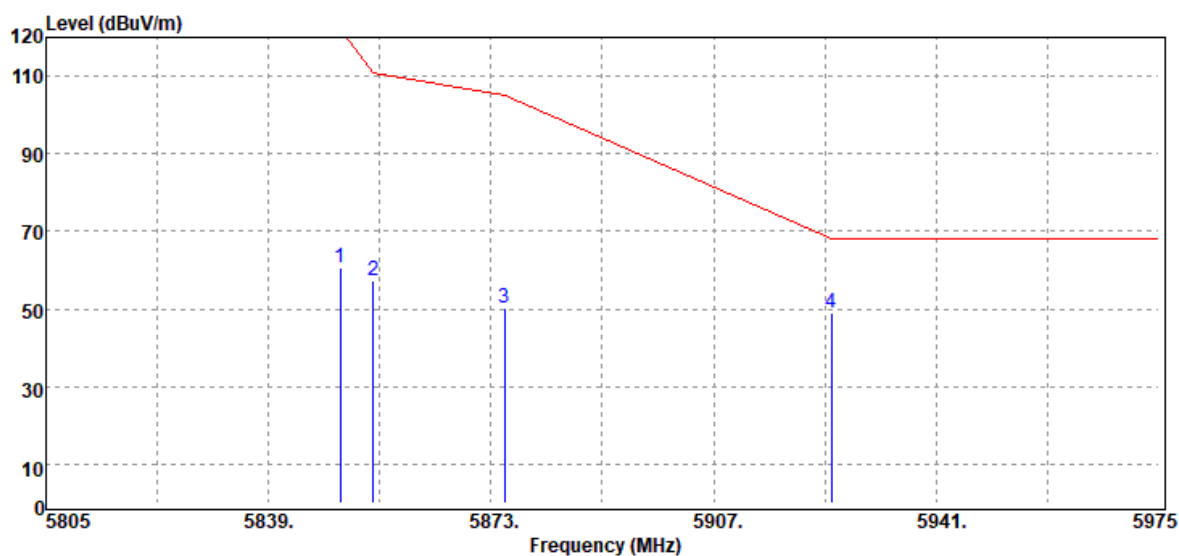
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.00	Peak	42.01	6.61	48.62	68.20	-19.58
5700.00	Peak	42.82	6.92	49.74	105.20	-55.46
5720.00	Peak	47.73	6.97	54.70	110.80	-56.10
5725.00	Peak	59.53	6.98	66.51	122.20	-55.69

Test Mode	IEEE 802.11n 20 MHz / 5825 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		



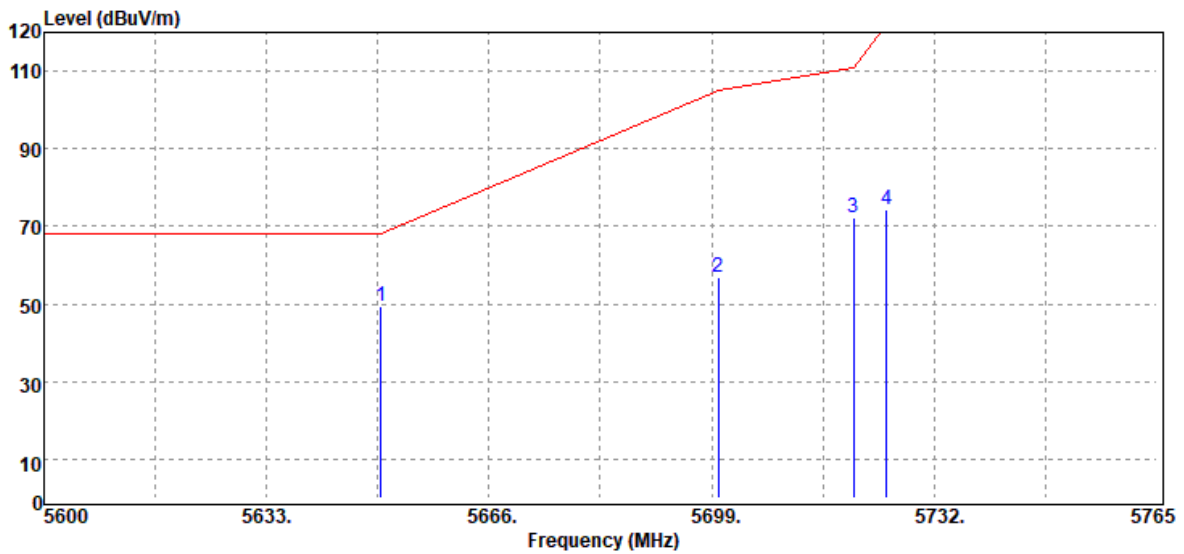
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.00	Peak	57.31	7.11	64.42	122.20	-57.78
5855.00	Peak	56.70	7.11	63.81	110.80	-46.99
5875.00	Peak	43.25	7.10	50.35	105.20	-54.85
5925.00	Peak	41.33	7.12	48.45	68.20	-19.75

Test Mode	IEEE 802.11n 20 MHz / 5825 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		



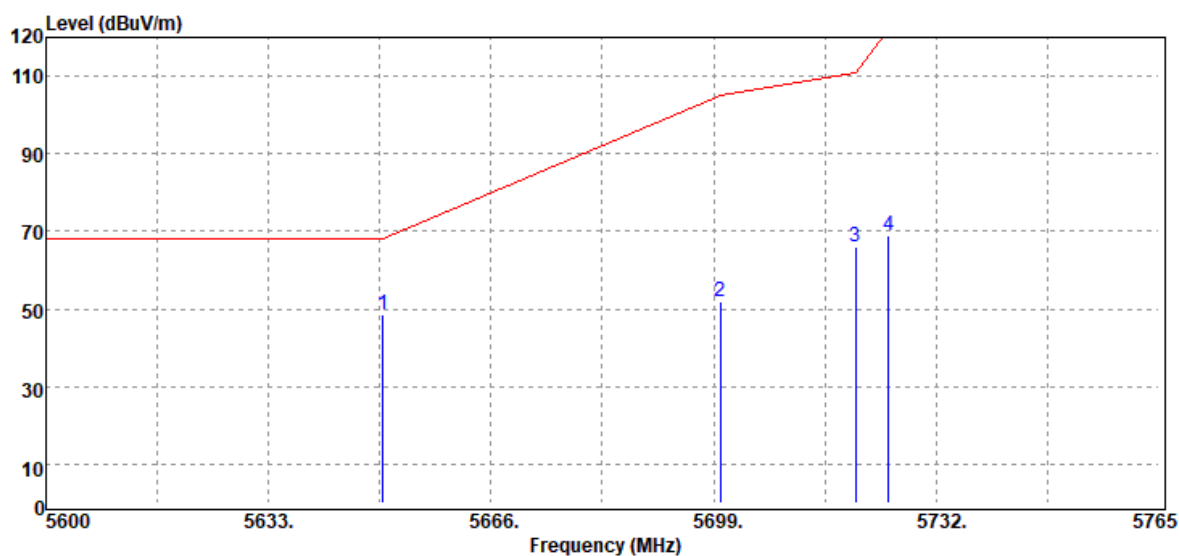
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.00	Peak	53.69	7.11	60.80	122.20	-61.40
5855.00	Peak	50.06	7.11	57.17	110.80	-53.63
5875.00	Peak	43.25	7.10	50.35	105.20	-54.85
5925.00	Peak	41.67	7.12	48.79	68.20	-19.41

Test Mode	IEEE 802.11n 40 MHz/ 5755 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		



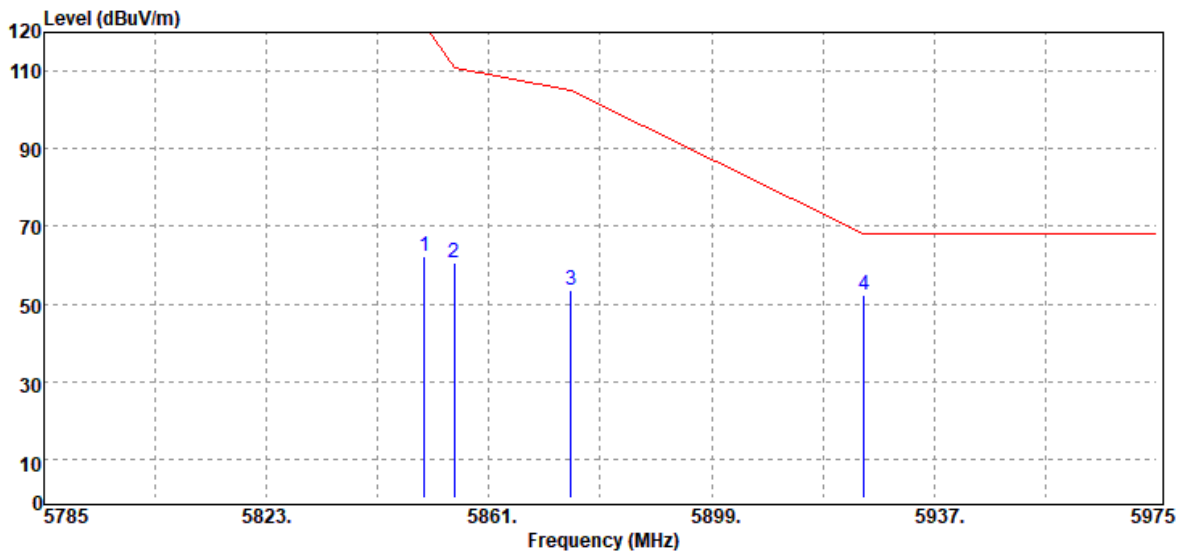
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.00	Peak	42.85	6.61	49.46	68.20	-18.74
5700.00	Peak	50.14	6.92	57.06	105.20	-48.14
5720.00	Peak	65.20	6.97	72.17	110.80	-38.63
5725.00	Peak	67.26	6.98	74.24	122.20	-47.96

Test Mode	IEEE 802.11n 40 MHz/ 5755 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		



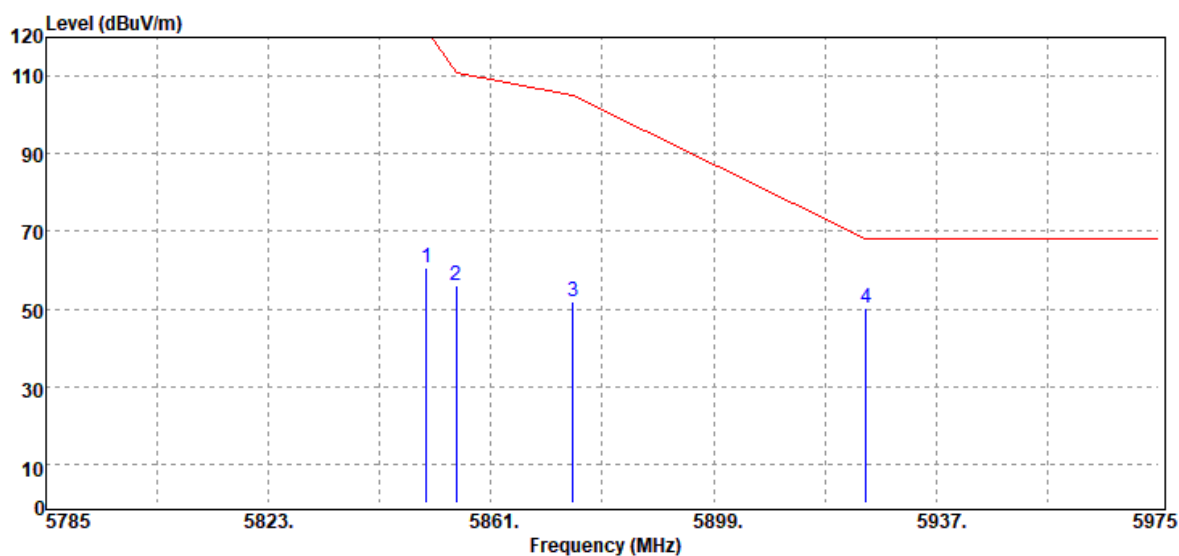
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.00	Peak	42.07	6.61	48.68	68.20	-19.52
5700.00	Peak	45.15	6.92	52.07	105.20	-53.13
5720.00	Peak	58.90	6.97	65.87	110.80	-44.93
5725.00	Peak	61.84	6.98	68.82	122.20	-53.38

Test Mode	IEEE 802.11n 40 MHz/ 5795 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		



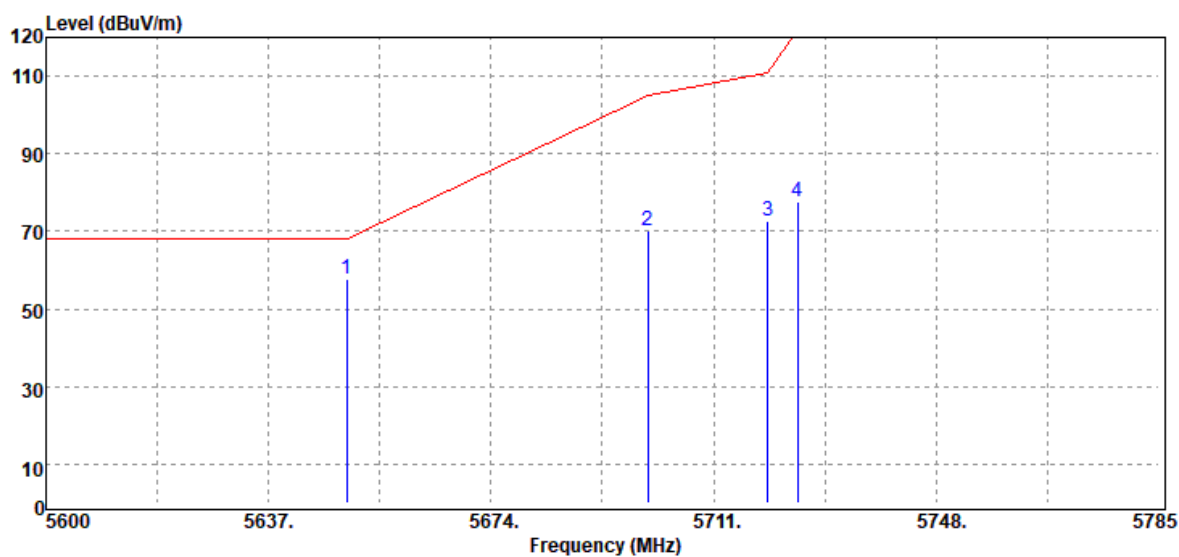
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.00	Peak	55.07	7.11	62.18	122.20	-60.02
5855.00	Peak	53.71	7.11	60.82	110.80	-49.98
5875.00	Peak	46.44	7.10	53.54	105.20	-51.66
5925.00	Peak	45.18	7.12	52.30	68.20	-15.90

Test Mode	IEEE 802.11n 40 MHz/ 5795 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 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	53.34	7.11	60.45	122.20	-61.75
5855.00	Peak	49.06	7.11	56.17	110.80	-54.63
5875.00	Peak	44.98	7.10	52.08	105.20	-53.12
5925.00	Peak	43.07	7.12	50.19	68.20	-18.01

Test Mode	IEEE 802.11ac VHT80 / 5775 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 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	51.06	6.61	57.67	68.20	-10.53
5700.00	Peak	63.20	6.92	70.12	105.20	-35.08
5720.00	Peak	65.65	6.97	72.62	110.80	-38.18
5725.00	Peak	70.71	6.98	77.69	122.20	-44.51

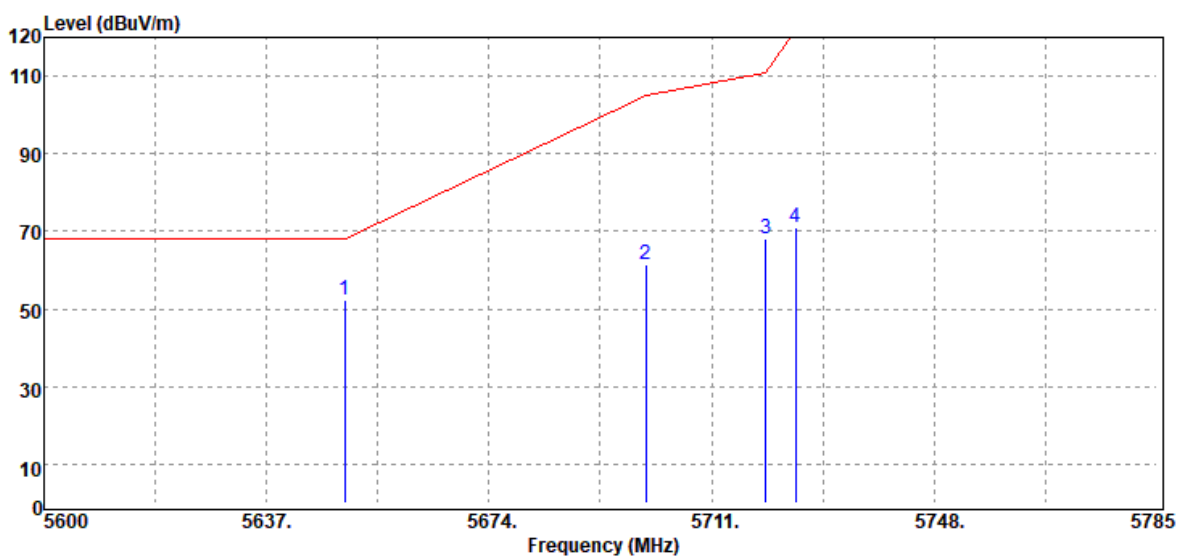


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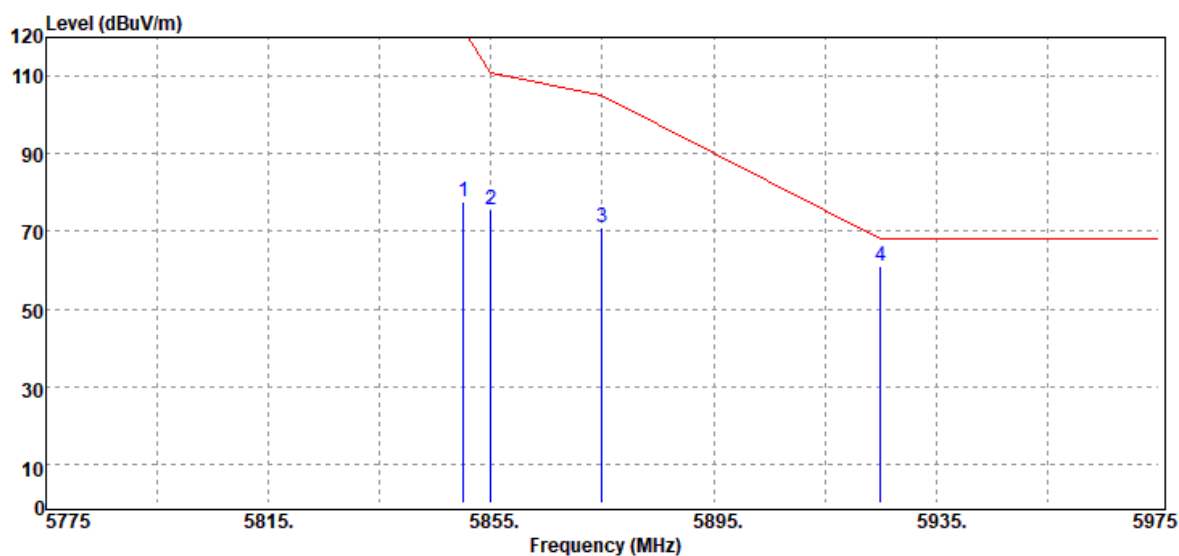
Rev.: 02

Test Mode	IEEE 802.11ac VHT80 / 5775 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		



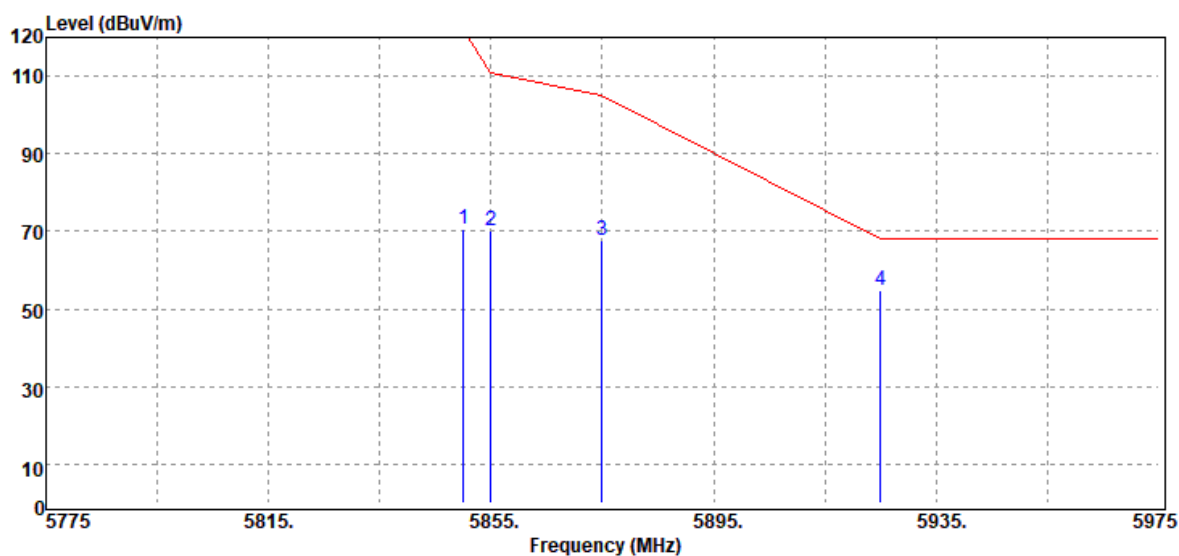
Frequency (MHz)	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.00	Peak	45.72	6.61	52.33	68.20	-15.87
5700.00	Peak	54.42	6.92	61.34	105.20	-43.86
5720.00	Peak	61.29	6.97	68.26	110.80	-42.54
5725.00	Peak	63.93	6.98	70.91	122.20	-51.29

Test Mode	IEEE 802.11ac VHT80 / 5775 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 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	70.50	7.11	77.61	122.20	-44.59
5855.00	Peak	68.61	7.11	75.72	110.80	-35.08
5875.00	Peak	63.83	7.10	70.93	105.20	-34.27
5925.00	Peak	54.00	7.12	61.12	68.20	-7.08

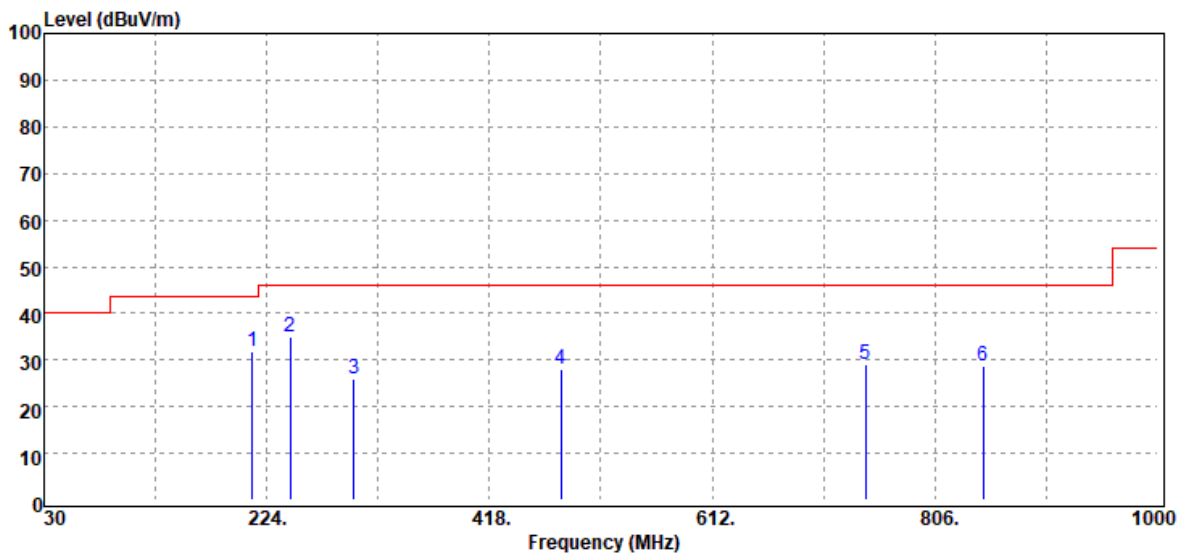
Test Mode	IEEE 802.11ac VHT80 / 5775 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Band Edge	Test Date	May 26, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		



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	63.63	7.11	70.74	122.20	-51.46
5855.00	Peak	62.94	7.11	70.05	110.80	-40.75
5875.00	Peak	60.41	7.10	67.51	105.20	-37.69
5925.00	Peak	47.55	7.12	54.67	68.20	-13.53

Below 1G Test Data

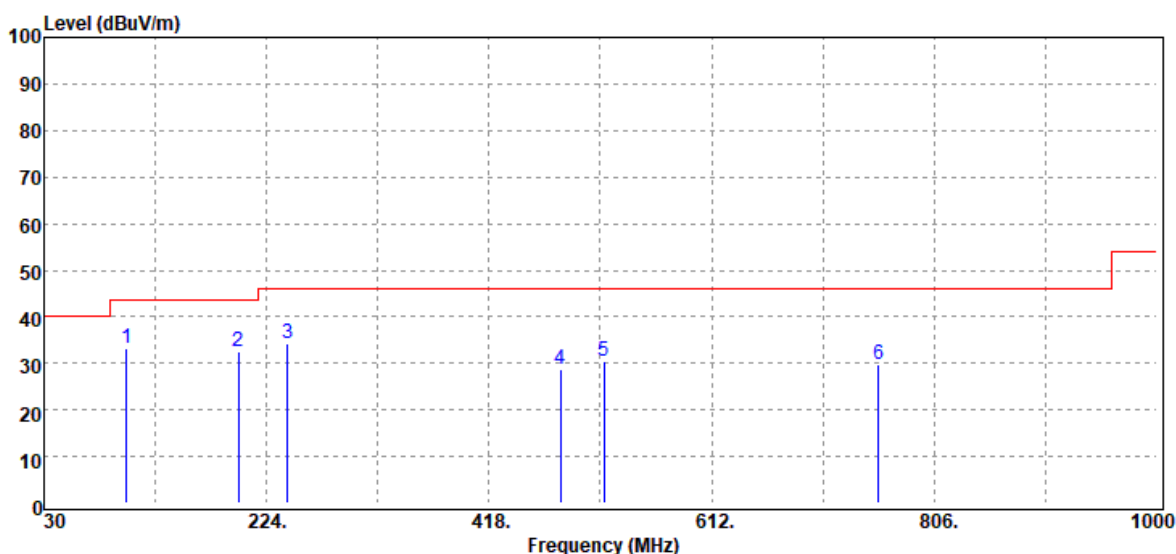
Test Mode	Mode 1	Temp/Hum	25.3(°C)/ 61%RH
Test Item	30MHz-1GHz	Test Date	May 25, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
211.39	Peak	43.87	-11.89	31.98	43.50	-11.52
244.37	Peak	45.35	-10.55	34.80	46.00	-11.20
299.66	Peak	34.51	-8.51	26.00	46.00	-20.00
480.08	Peak	31.18	-3.26	27.92	46.00	-18.08
745.86	Peak	28.26	0.79	29.05	46.00	-16.95
847.71	Peak	26.13	2.54	28.67	46.00	-17.33

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	25.3(°C)/ 61%RH
Test Item	30MHz-1GHz	Test Date	May 25, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		



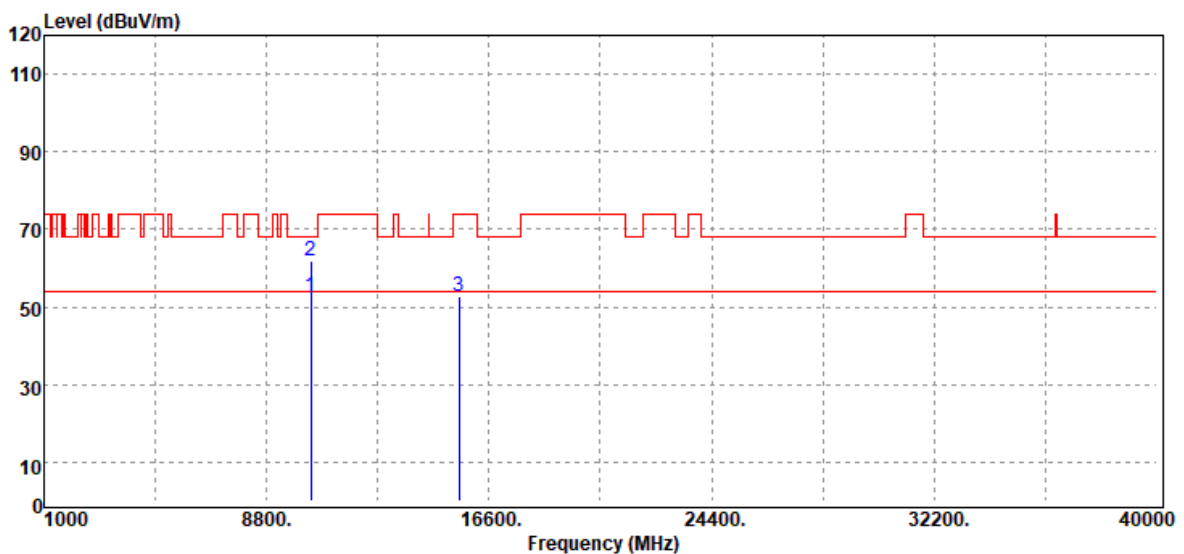
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBPV	Factor dB	Actual FS dBPV/m	Limit @3m dBPV/m	Margin dB
101.78	Peak	45.48	-12.28	33.20	43.50	-10.30
199.75	Peak	42.03	-9.58	32.45	43.50	-11.05
242.43	Peak	44.80	-10.56	34.24	46.00	-11.76
480.08	Peak	31.84	-3.26	28.58	46.00	-17.42
517.91	Peak	33.64	-3.07	30.57	46.00	-15.43
757.50	Peak	28.71	0.95	29.66	46.00	-16.34

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	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 26, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		

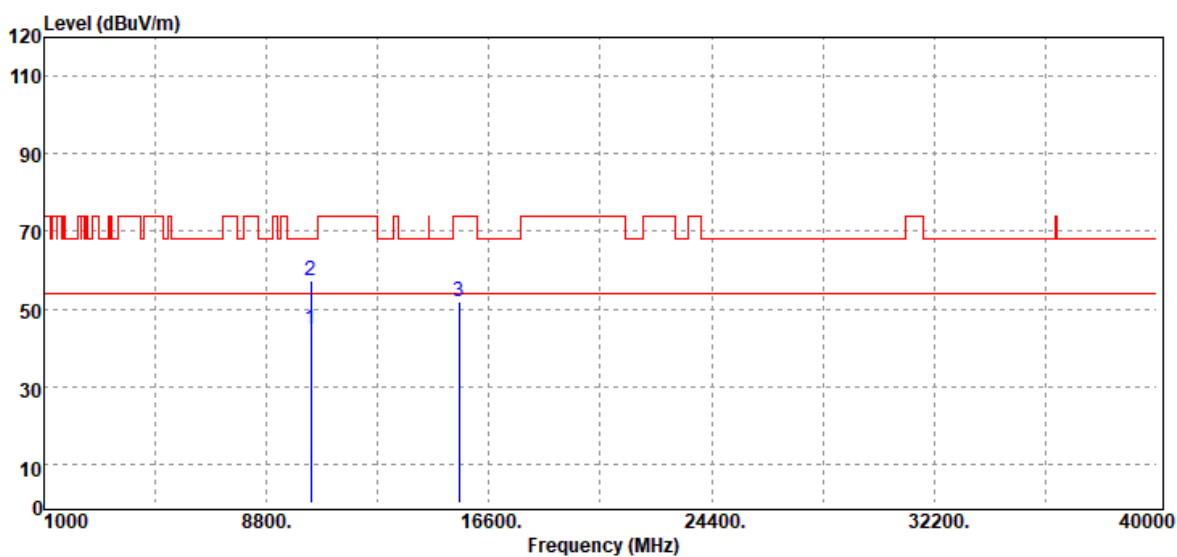


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10360.00	Average	37.70	15.04	52.74	54.00	-1.26
10360.00	Peak	46.86	15.04	61.90	68.20	-6.30
15540.00	Peak	33.97	18.63	52.60	74.00	-21.40
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11a / 5180MHZ	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 26, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		

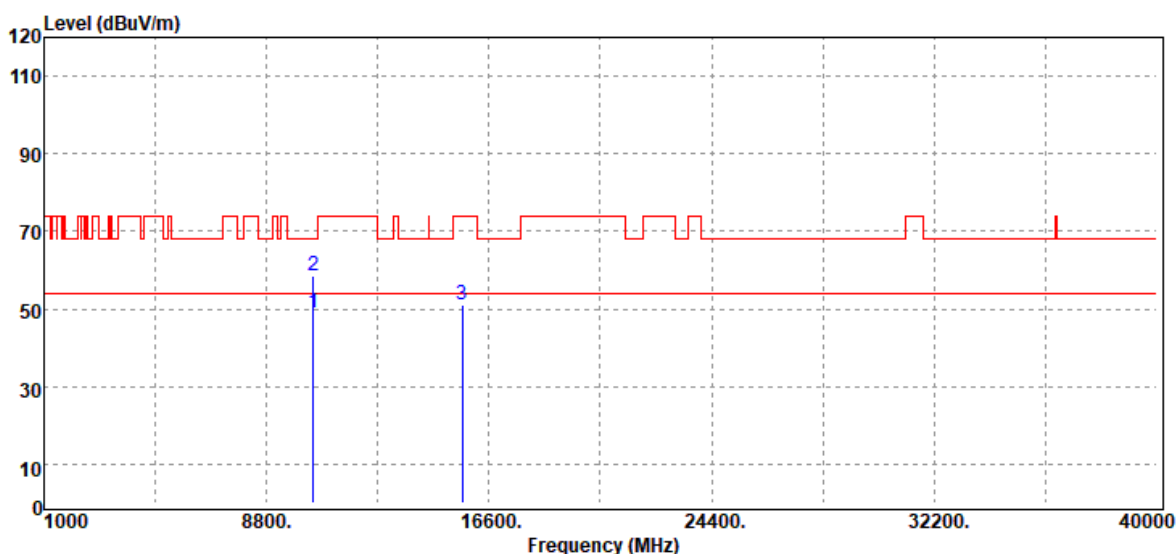


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10360.00	Average	29.95	15.04	44.99	54.00	-9.01
10360.00	Peak	42.08	15.04	57.12	68.20	-11.08
15540.00	Peak	33.33	18.63	51.96	74.00	-22.04
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11a / 5220 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonics	Test Date	May 26, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		

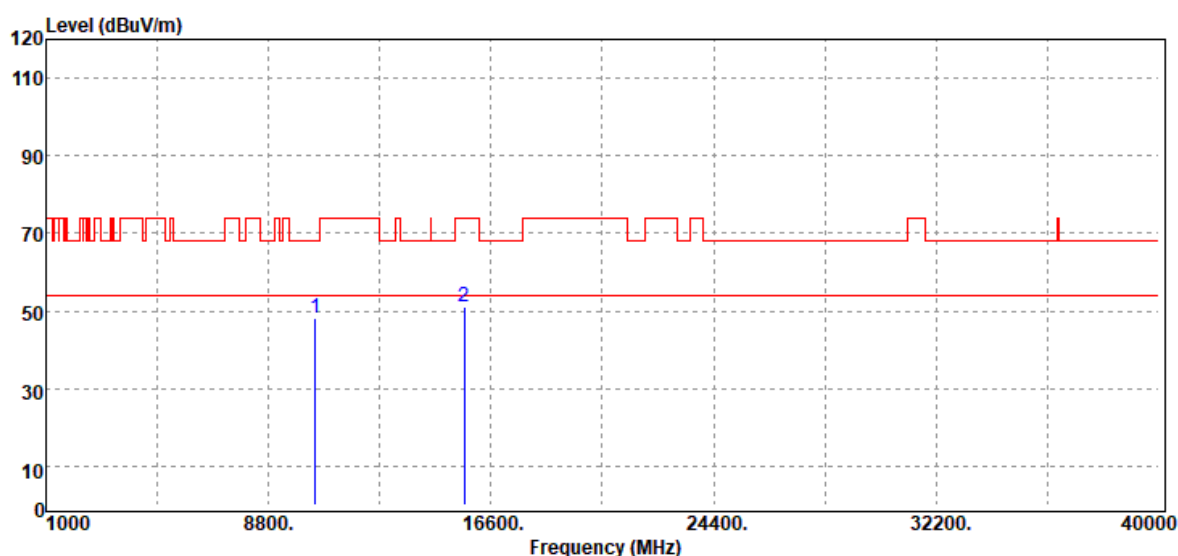


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10440.00	Average	33.69	15.11	48.80	54.00	-5.20
10440.00	Peak	43.55	15.11	58.66	68.20	-9.54
15660.00	Peak	32.38	18.58	50.96	74.00	-23.04
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11a / 5220 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 26, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		

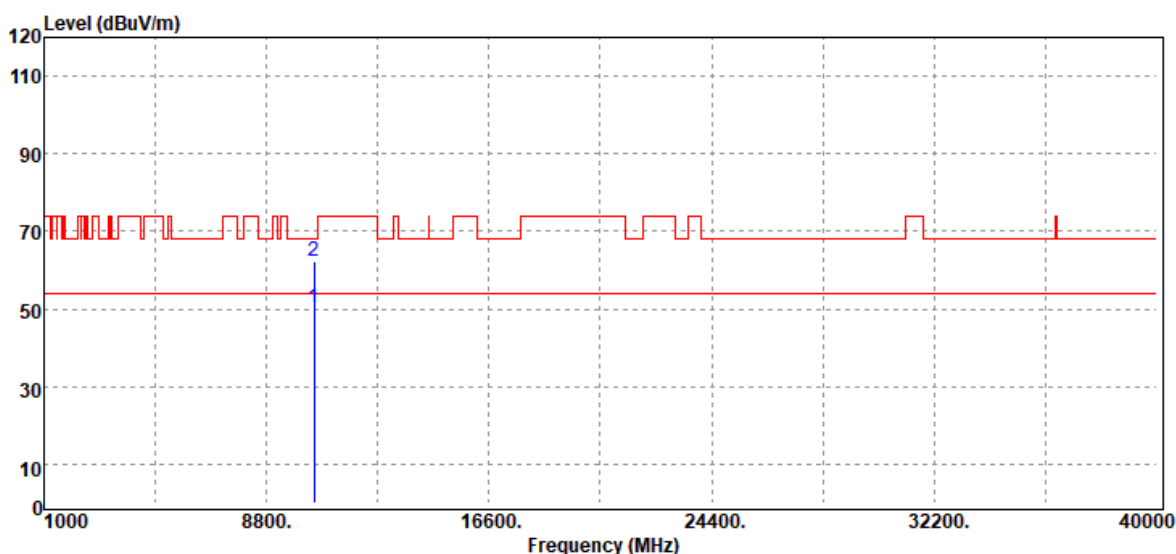


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10440.00	Peak	33.03	15.11	48.14	68.20	-20.06
15660.00	Peak	32.51	18.58	51.09	74.00	-22.91
N/A						

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	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 26, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		

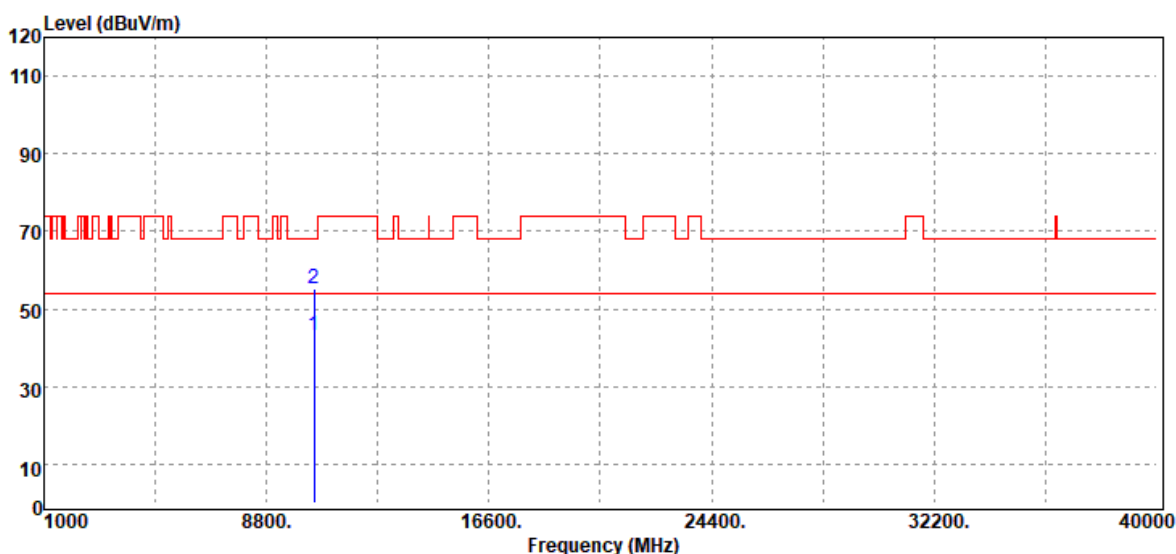


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10480.00	Average	35.16	15.09	50.25	54.00	-3.75
10480.00	Peak	47.04	15.09	62.13	68.20	-6.07
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11a / 5240MHZ	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 26, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		

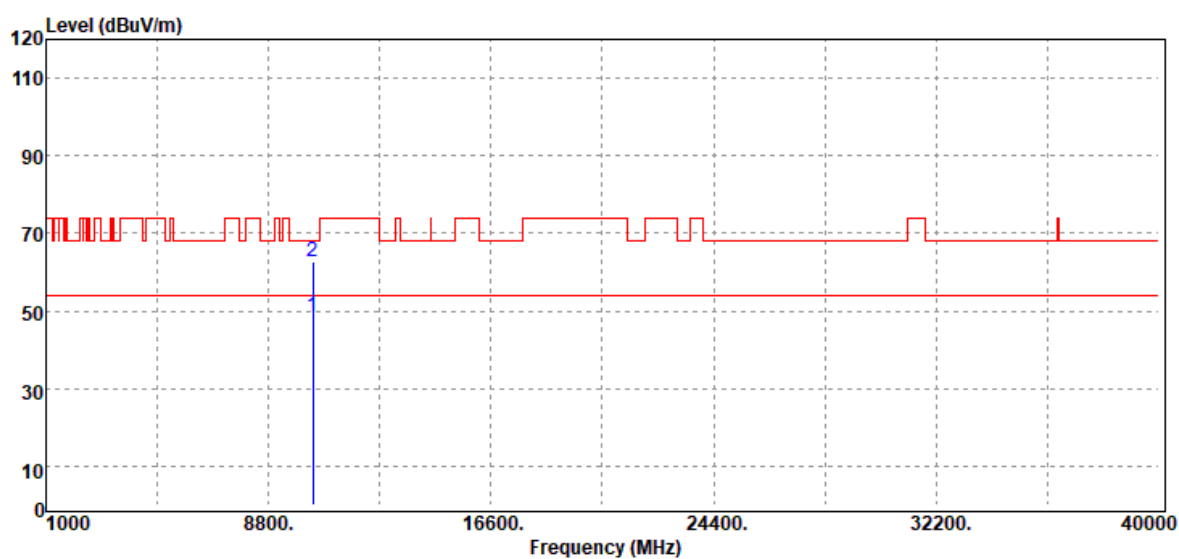


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10480.00	Average	28.09	15.09	43.18	54.00	-10.82
10480.00	Peak	39.98	15.09	55.07	68.20	-13.13
N/A						

Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11n 20 MHz / 5180MHZ	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		

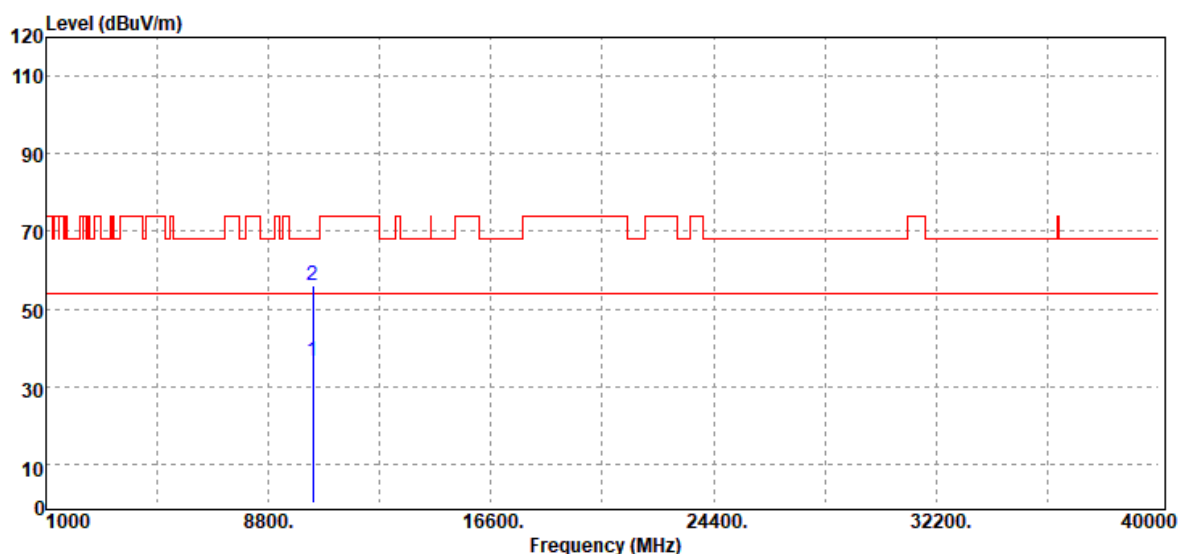


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10360.00	Average	33.74	15.04	48.78	54.00	-5.22
10360.00	Peak	47.50	15.04	62.54	68.20	-5.66
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11n 20 MHz/ 5180MHZ	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		

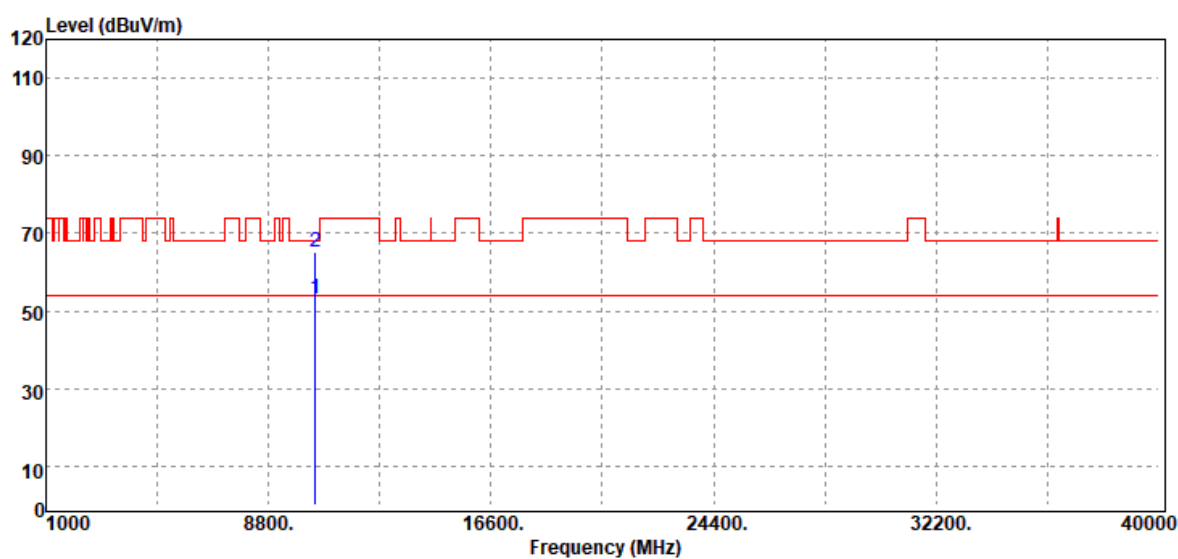


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10360.00	Average	21.49	15.04	36.53	54.00	-17.47
10360.00	Peak	41.09	15.04	56.13	68.20	-12.07
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11n 20 MHz / 5220MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		

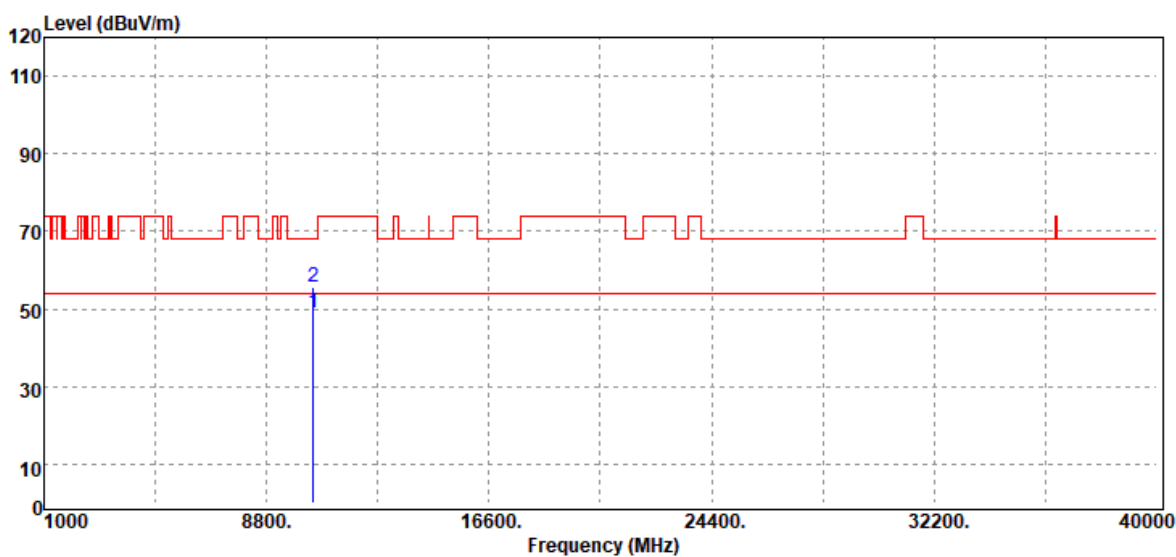


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10440.00	Average	37.88	15.11	52.99	54.00	-1.01
10440.00	Peak	50.10	15.11	65.21	68.20	-2.99
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11n 20 MHz / 5220MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		

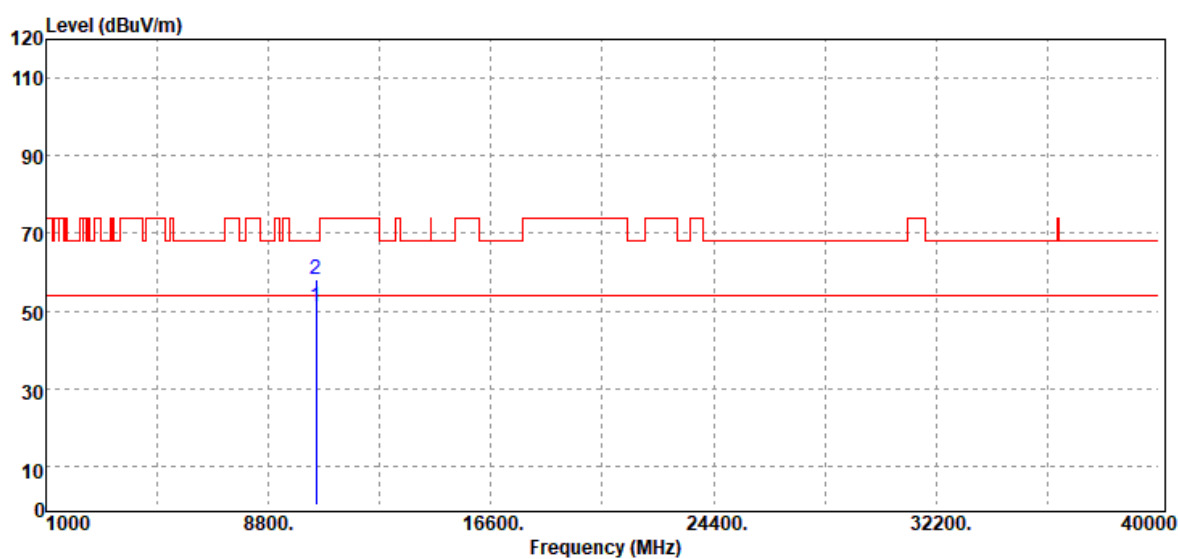


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10440.00	Average	33.93	15.11	49.04	54.00	-4.96
10440.00	Peak	40.67	15.11	55.78	68.20	-12.42
N/A						

Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11n 20 MHz / 5240MHZ	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		



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	Average	35.90	15.09	50.99	54.00	-3.01
10480.00	Peak	42.99	15.09	58.08	68.20	-10.12
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11n 20 MHz / 5240MHZ	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		

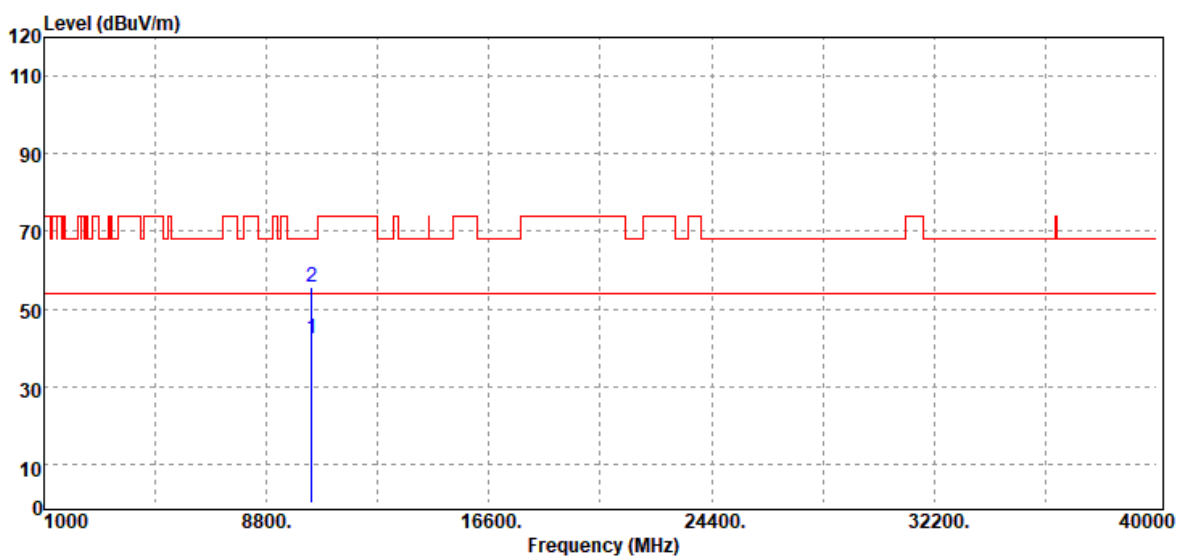


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10480.00	Peak	32.88	15.09	47.97	68.20	-20.23
N/A						

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	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		

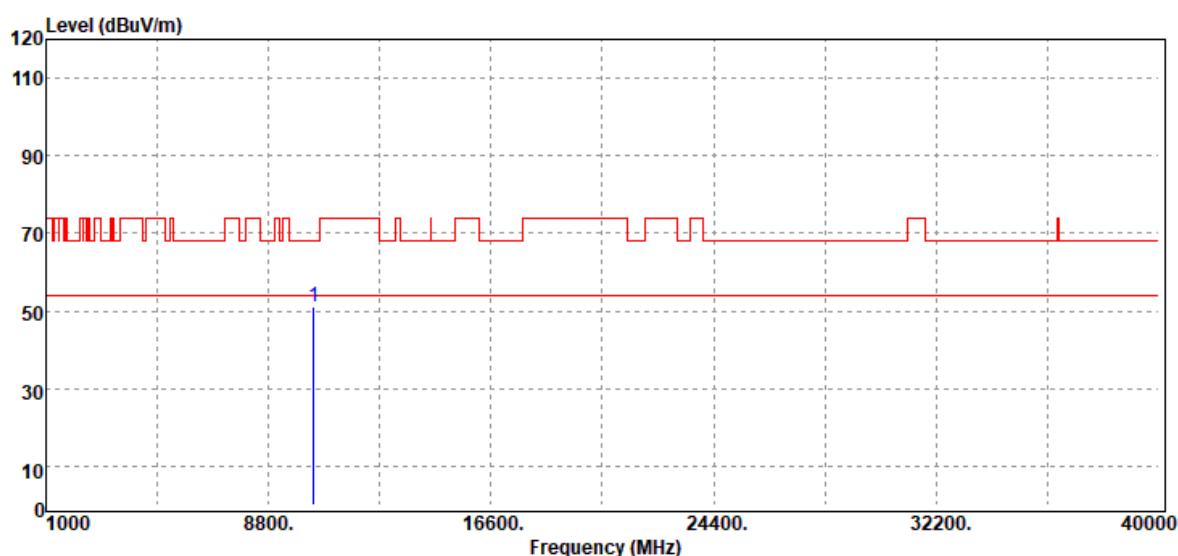


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10380.00	Average	27.53	14.99	42.52	54.00	-11.48
10380.00	Peak	40.66	14.99	55.65	68.20	-12.55
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11n 40 MHz / 5190MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		

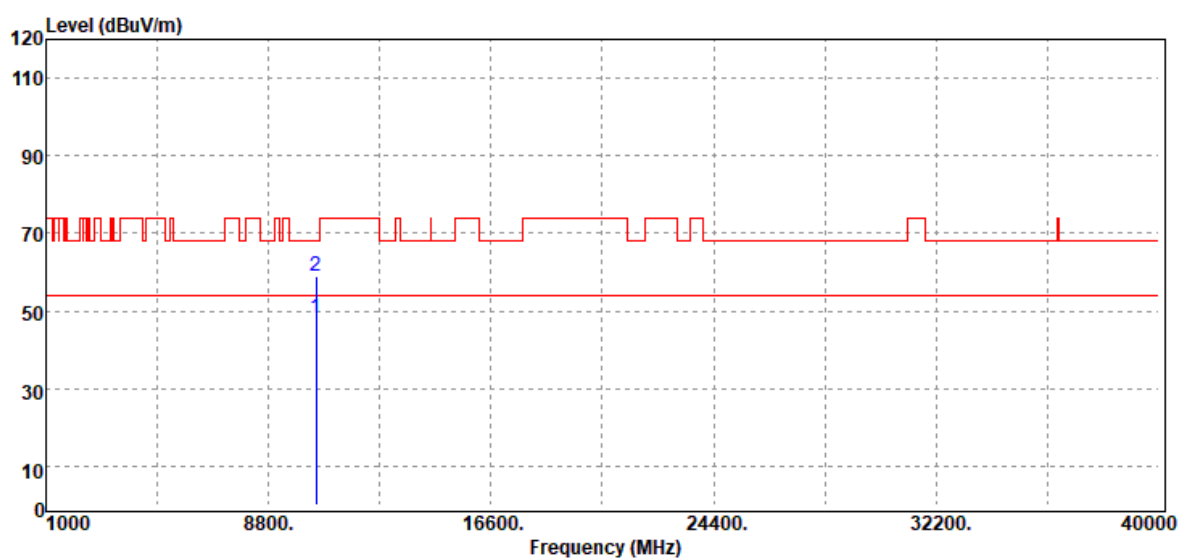


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10380.00	Peak	35.98	14.99	50.97	68.20	-17.23
N/A						

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	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		

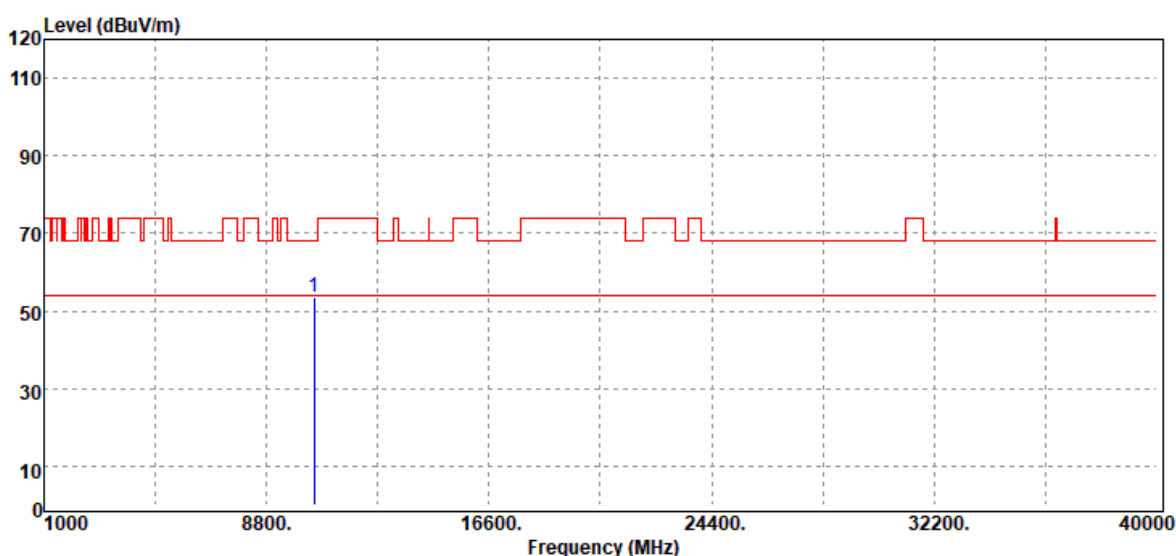


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10460.00	Average	32.87	15.13	48.00	54.00	-6.00
10460.00	Peak	43.86	15.13	58.99	68.20	-9.21
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11n 40 MHz / 5230MHZ	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		

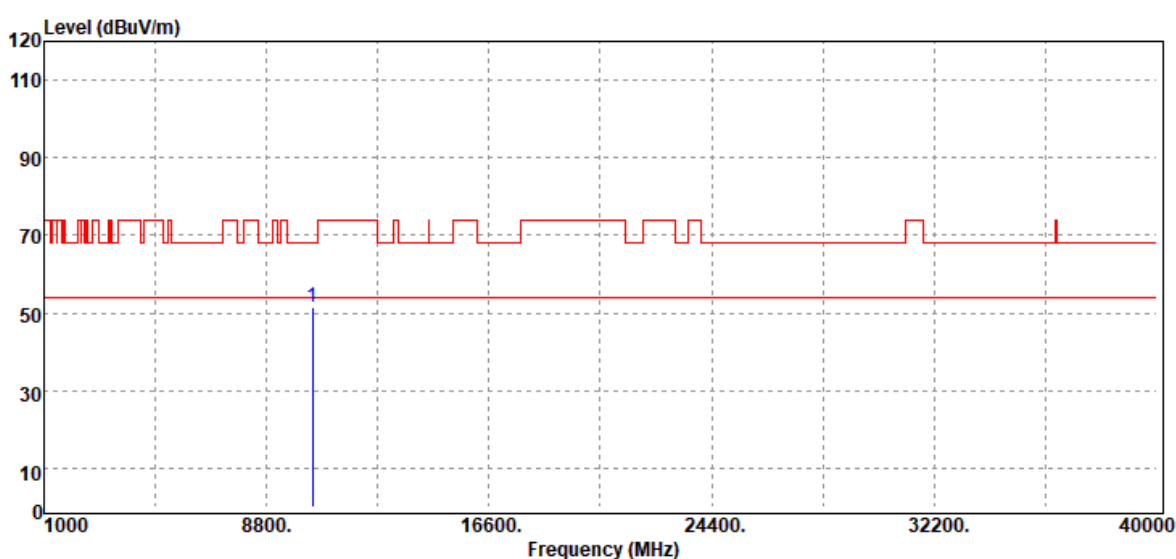


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10460.00	Peak	38.27	15.13	53.40	68.20	-14.80
N/A						

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	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 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	36.27	15.01	51.28	68.20	-16.92
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	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		



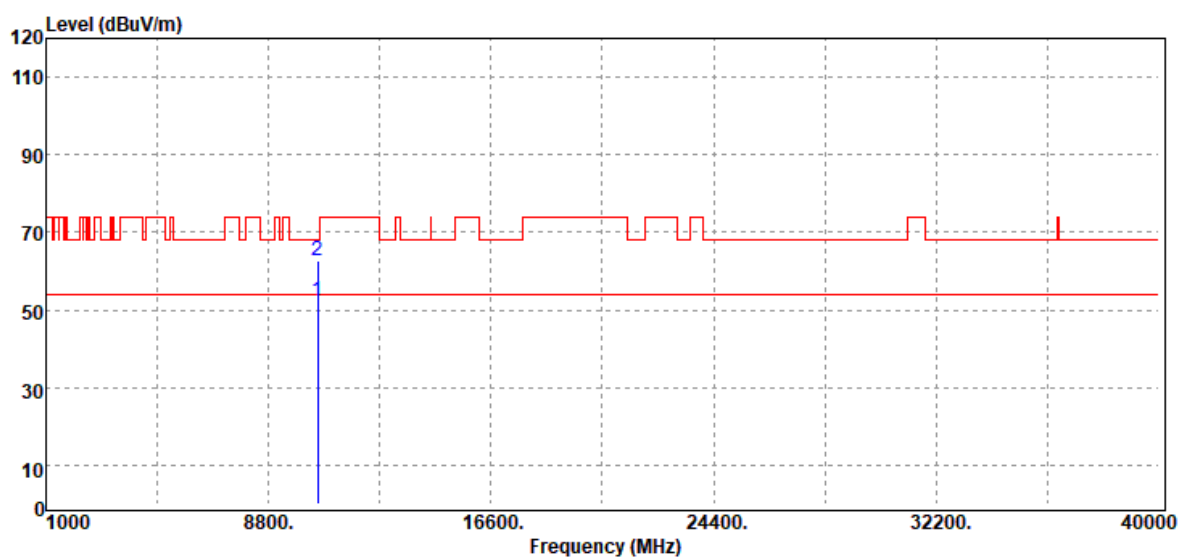
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10420.00	Peak	34.16	15.01	49.17	68.20	-19.03
N/A						

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	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 26, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		

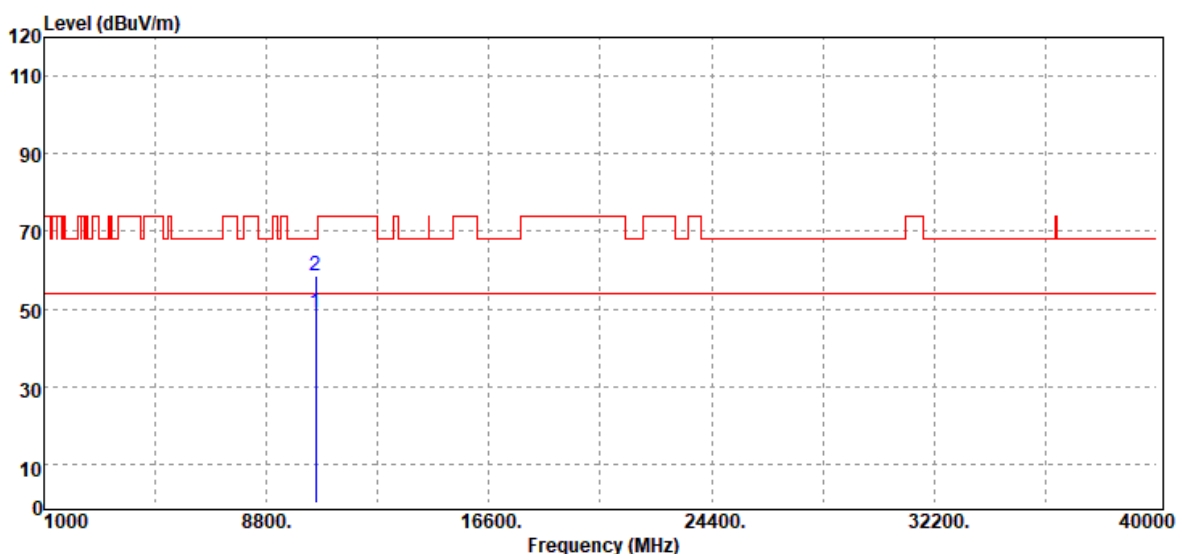


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10520.00	Average	37.45	15.05	52.50	54.00	-1.50
10520.00	Peak	47.63	15.05	62.68	68.20	-5.52
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11a / 5260 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 26, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		

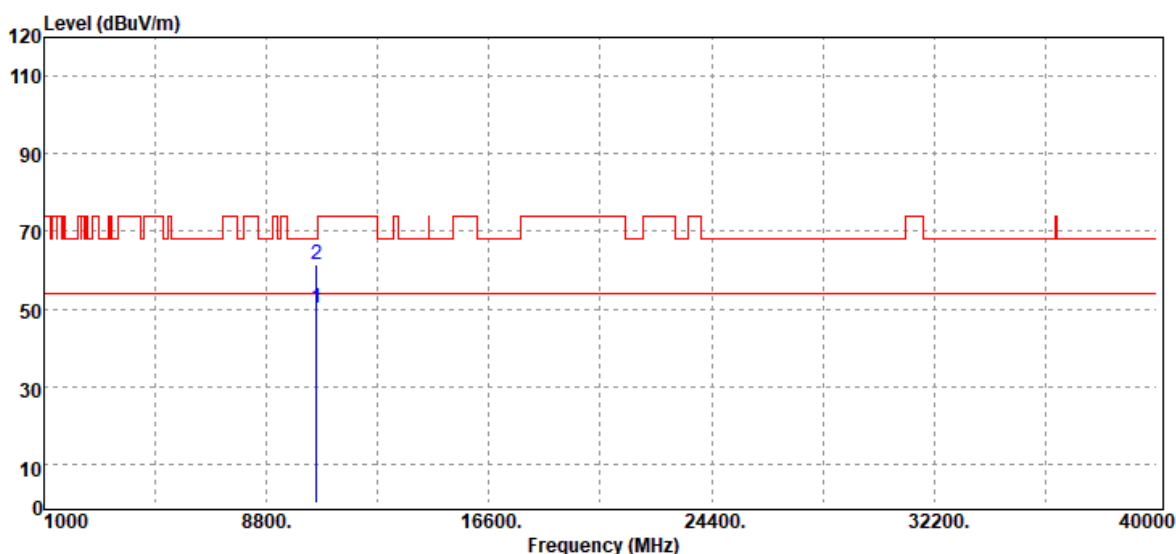


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10520.00	Average	34.10	15.05	49.15	54.00	-4.85
10520.00	Peak	43.38	15.05	58.43	68.20	-9.77
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11a / 5280 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 26, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		

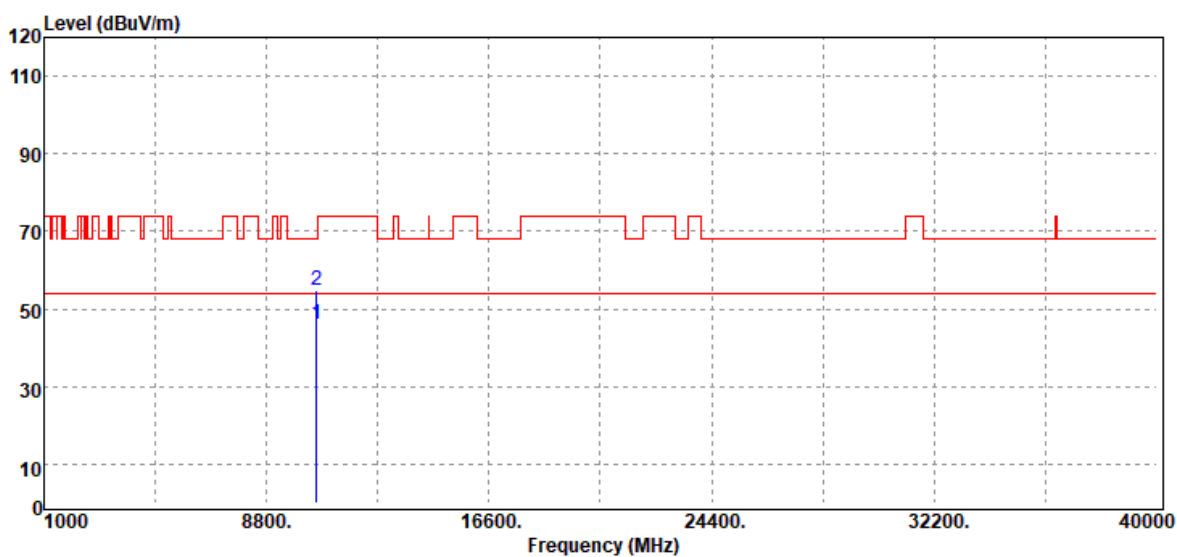


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10560.00	Average	35.33	15.05	50.38	54.00	-3.62
10560.00	Peak	46.28	15.05	61.33	68.20	-6.87
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11a / 5280 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 26, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		

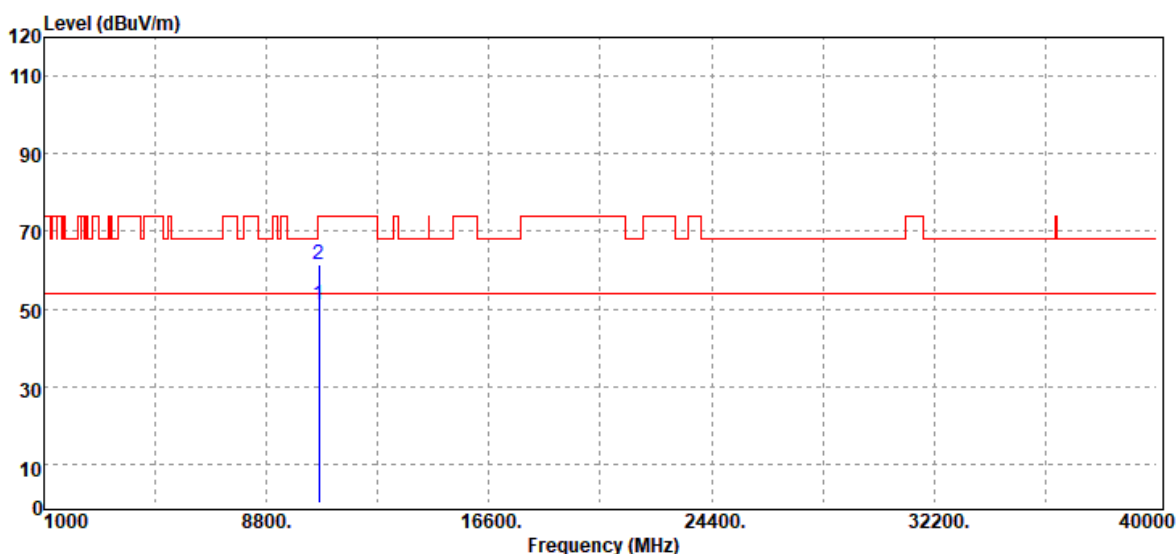


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10560.00	Average	31.14	15.05	46.19	54.00	-7.81
10560.00	Peak	39.57	15.05	54.62	68.20	-13.58
N/A						

Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11a / 5320 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 26, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		

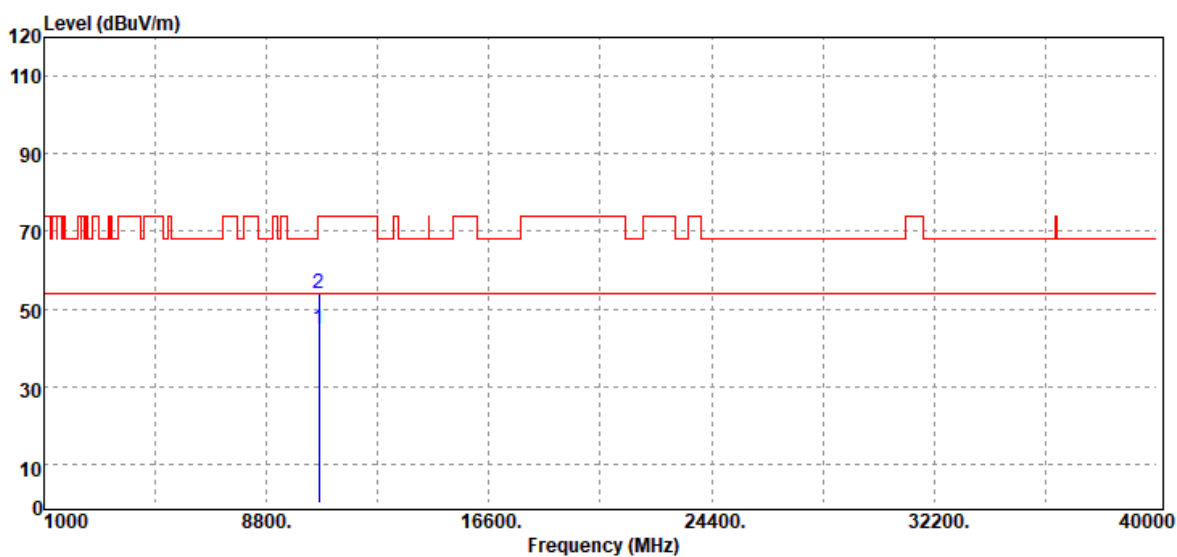


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10640.00	Average	35.46	15.51	50.97	54.00	-3.03
10640.00	Peak	46.11	15.51	61.62	74.00	-12.38
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11a / 5320 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 26, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		

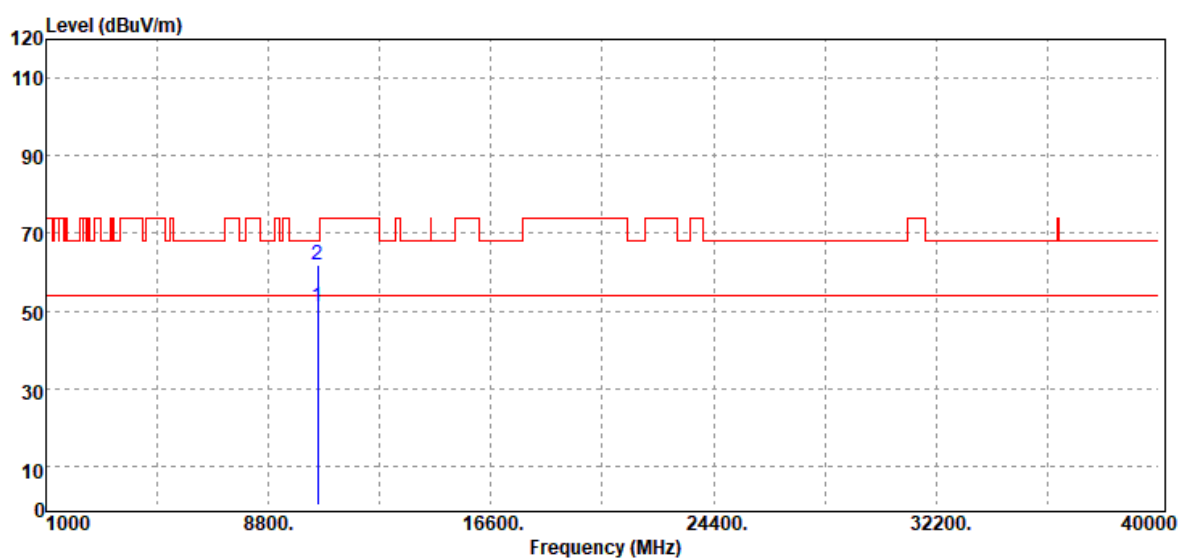


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10640.00	Average	29.44	15.51	44.95	54.00	-9.05
10640.00	Peak	38.59	15.51	54.10	74.00	-19.90
N/A						

Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11n 20 MHz / 5260 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		

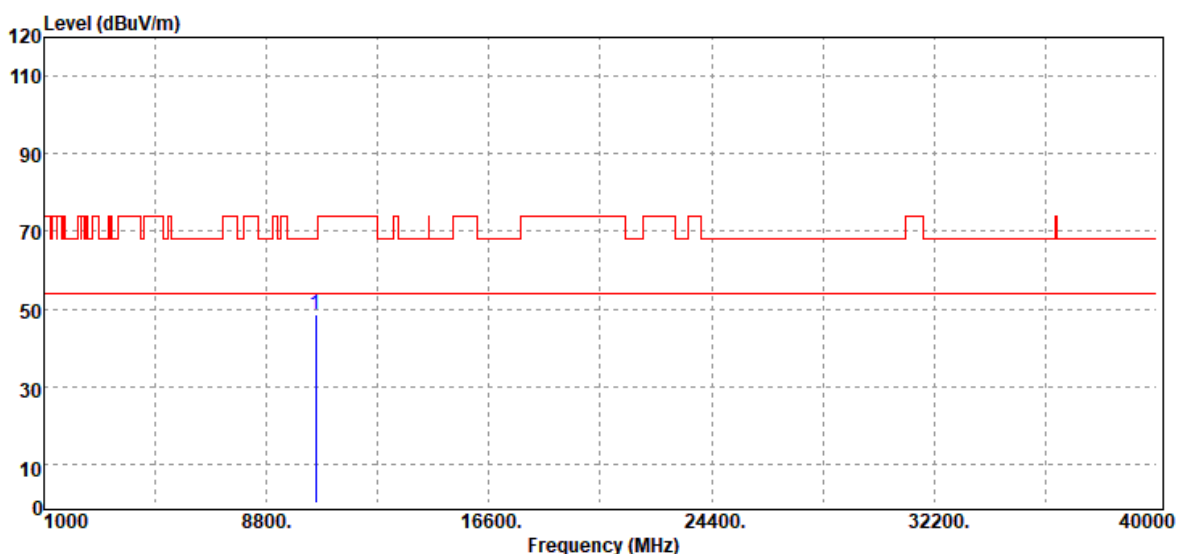


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10520.00	Average	35.95	15.05	51.00	54.00	-3.00
10520.00	Peak	46.75	15.05	61.80	68.20	-6.40
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11n 20 MHz / 5260 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		

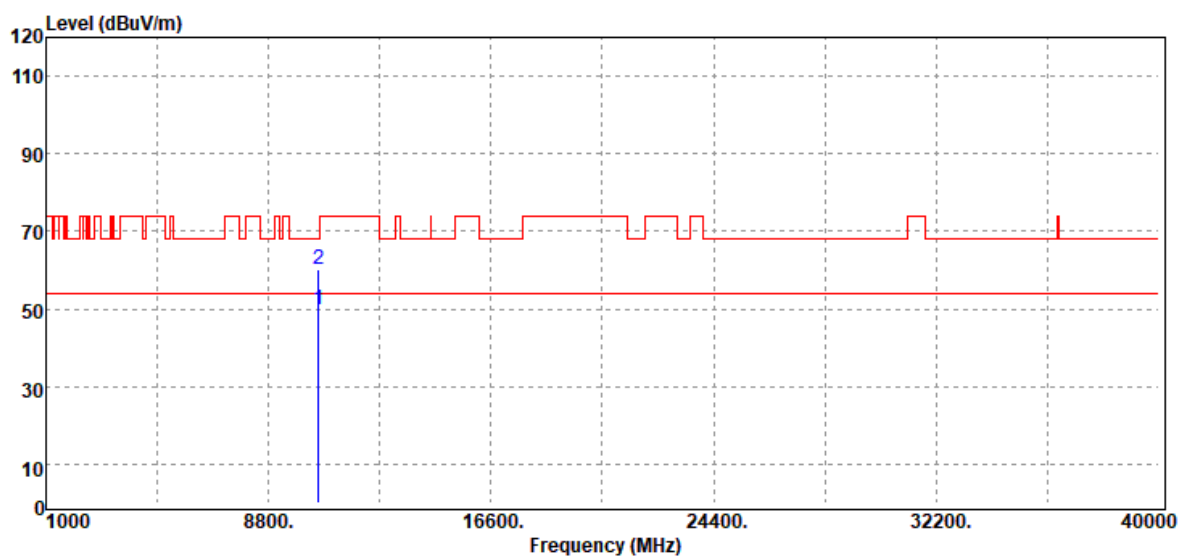


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10520.00	Peak	33.45	15.05	48.50	68.20	-19.70
N/A						

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 / 5280 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		

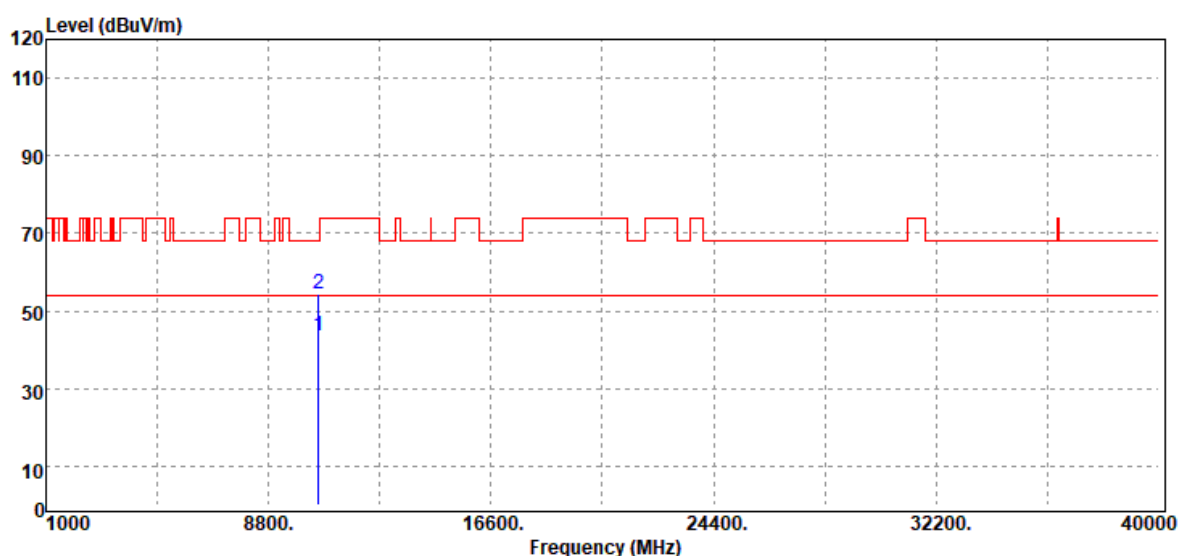


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10560.00	Average	34.98	15.05	50.03	54.00	-3.97
10560.00	Peak	45.30	15.05	60.35	68.20	-7.85
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11n 20 MHz / 5280 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		

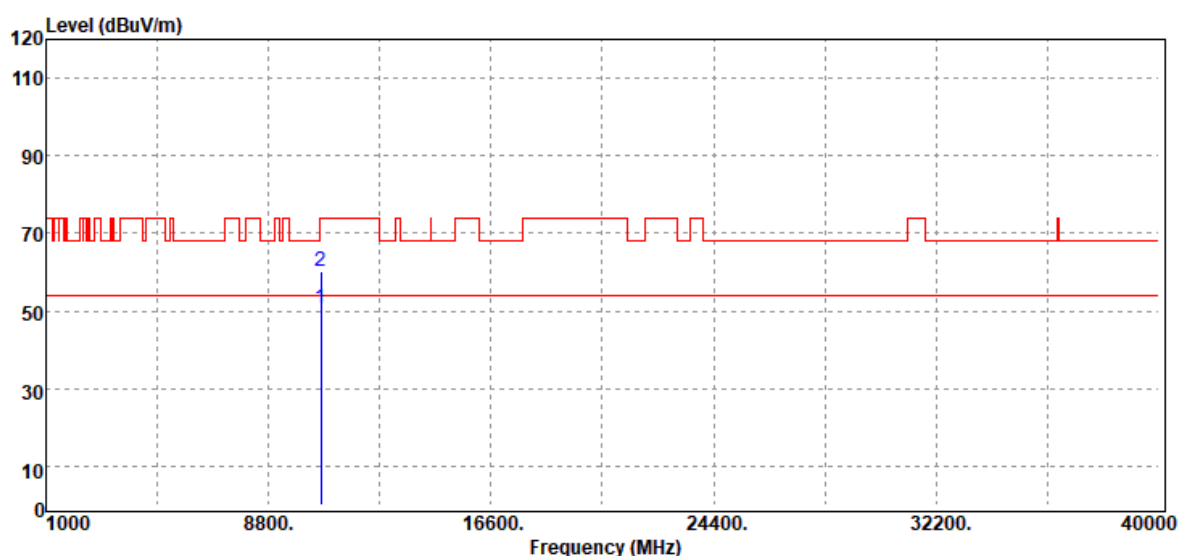


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10560.00	Average	28.63	15.05	43.68	54.00	-10.32
10560.00	Peak	39.33	15.05	54.38	68.20	-13.82
N/A						

Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11n 20 MHz / 5320 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		

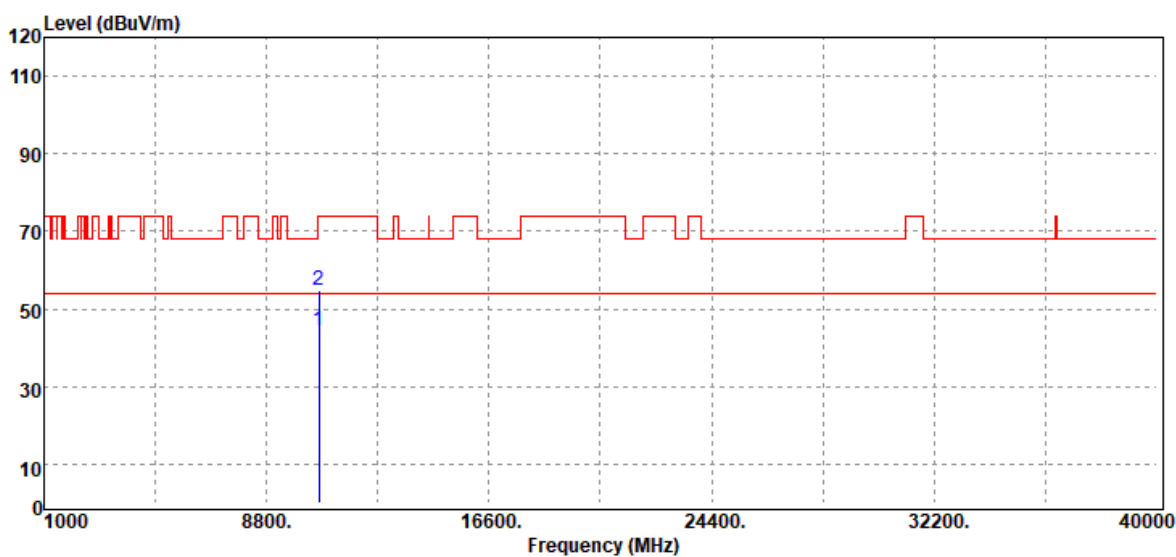


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10640.00	Average	35.05	15.51	50.56	54.00	-3.44
10640.00	Peak	44.66	15.51	60.17	74.00	-13.83
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11n 20 MHz / 5320 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		

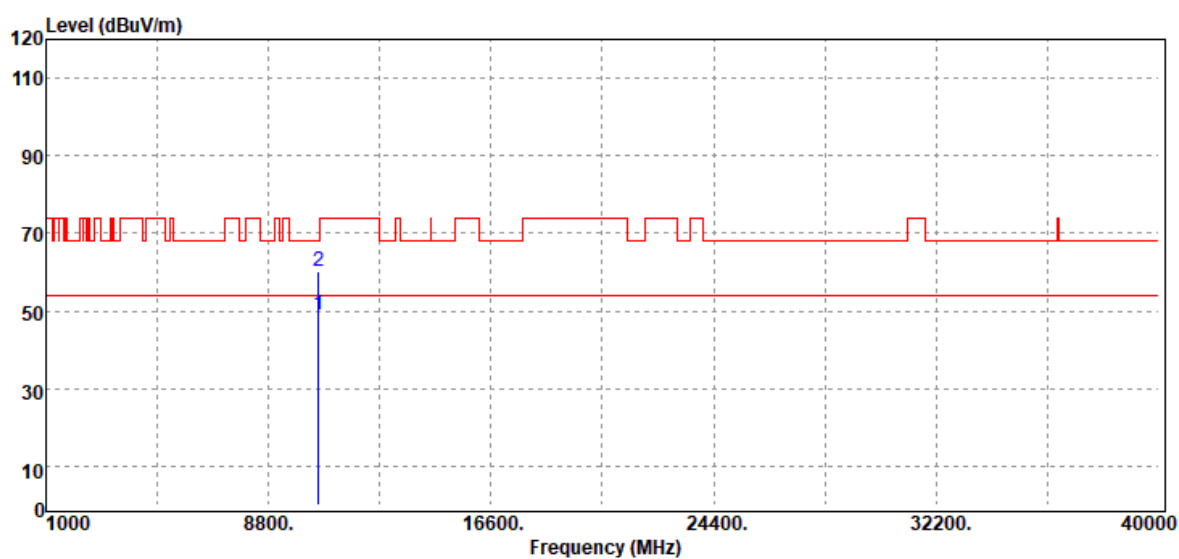


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10640.00	Average	29.04	15.51	44.55	54.00	-9.45
10640.00	Peak	39.28	15.51	54.79	74.00	-19.21
N/A						

Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11n 40 MHz / 5270 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		

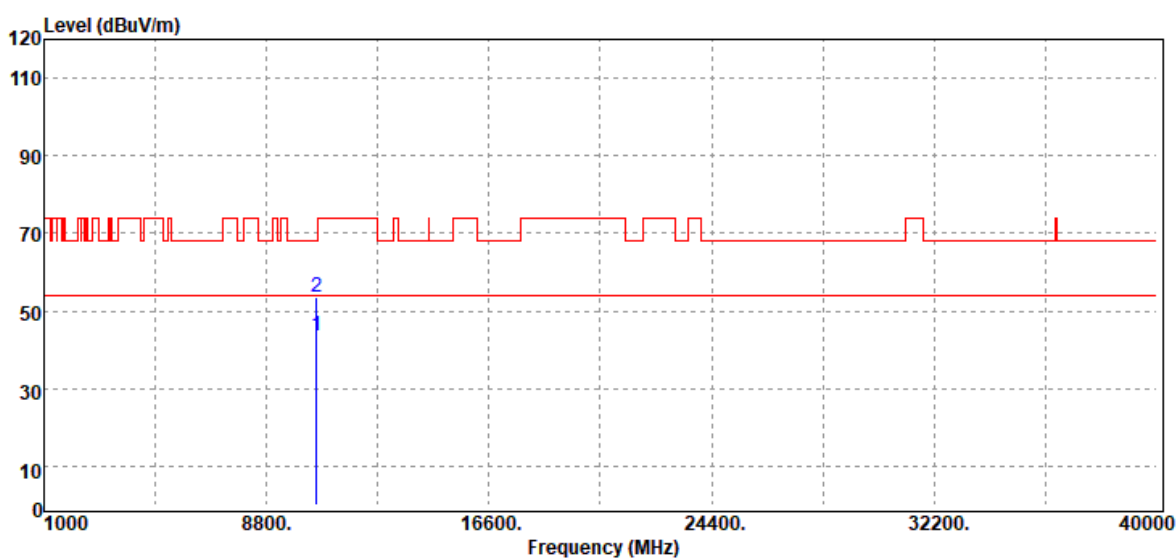


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10540.00	Average	33.80	15.05	48.85	54.00	-5.15
10540.00	Peak	45.15	15.05	60.20	68.20	-8.00
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11n 40 MHz / 5270 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		

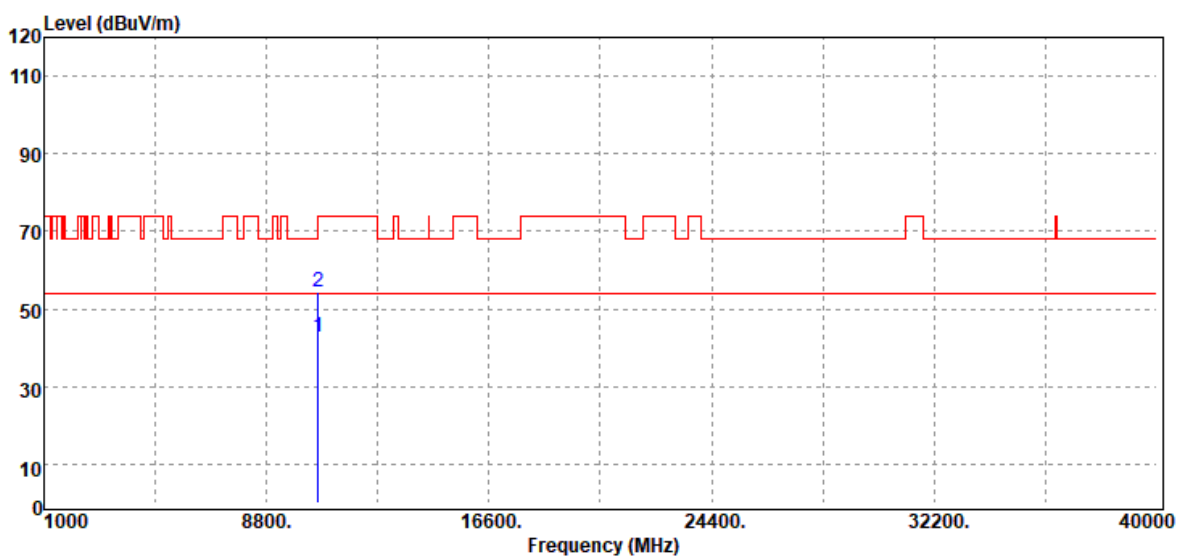


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10540.00	Average	28.45	15.05	43.50	54.00	-10.50
10540.00	Peak	38.46	15.05	53.51	68.20	-14.69
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11n 40 MHz / 5310 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		

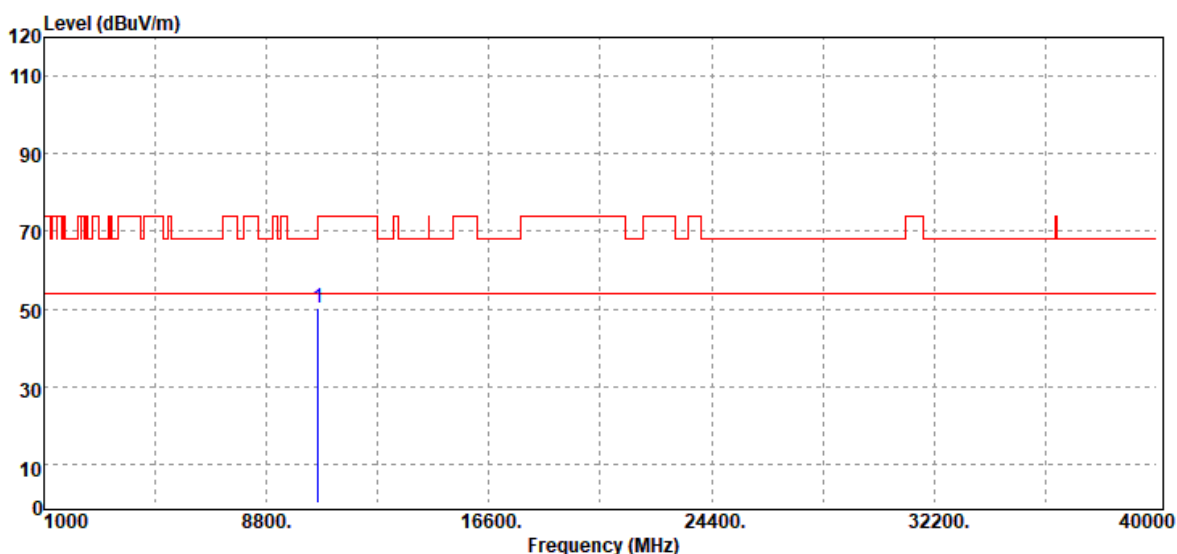


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10620.00	Average	27.41	15.28	42.69	54.00	-11.31
10620.00	Peak	38.99	15.28	54.27	74.00	-19.73
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11n 40 MHz / 5310 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		

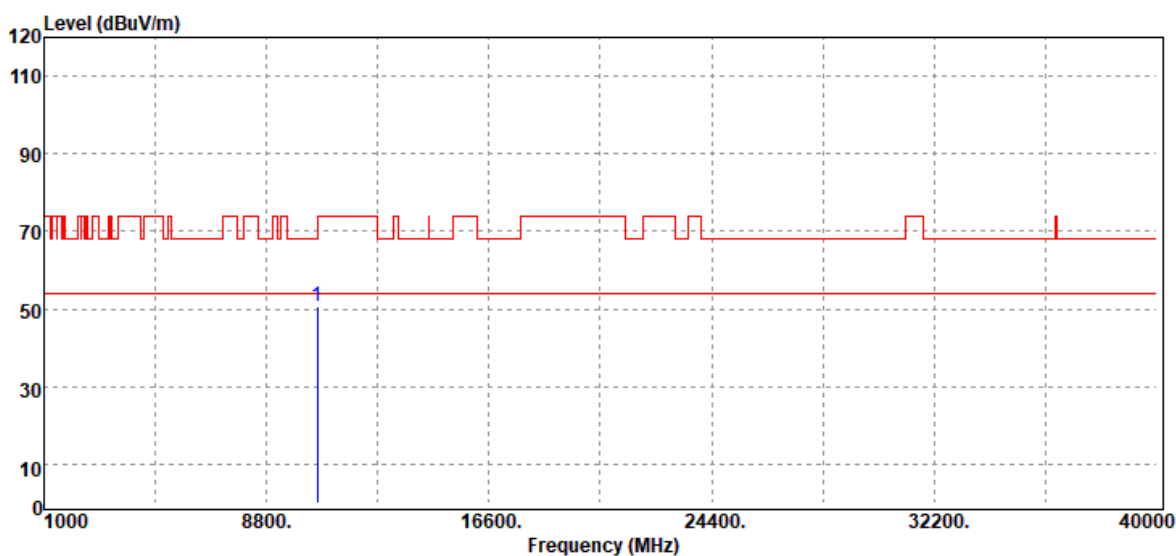


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10620.00	Peak	34.87	15.28	50.15	74.00	-23.85
N/A						

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 802.11ac VHT80 / 5290 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		

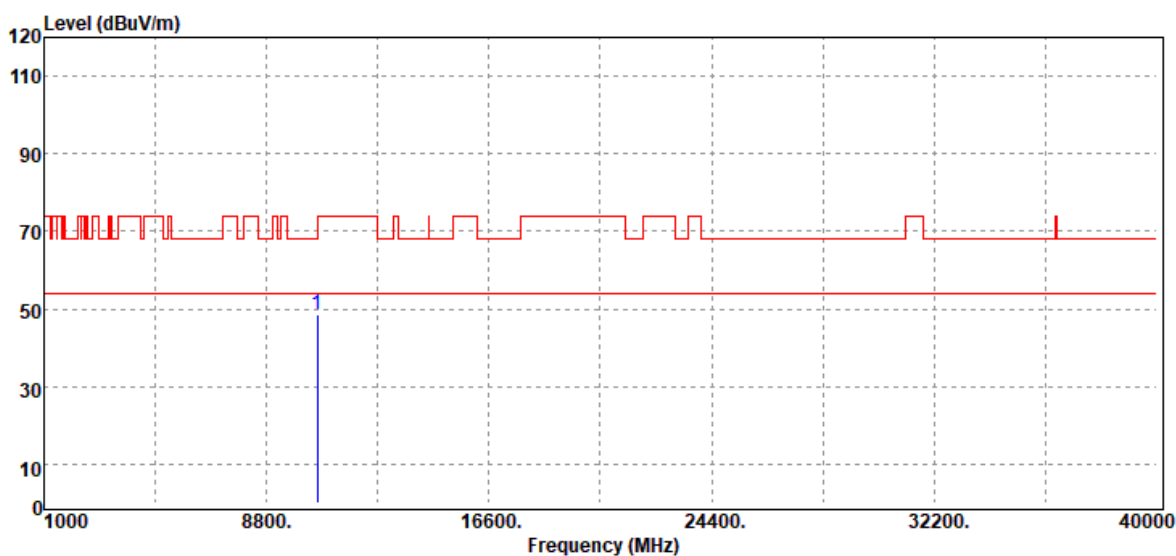


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10580.00	Peak	35.62	15.06	50.68	68.20	-17.52
N/A						

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 802.11ac VHT80 / 5290 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		



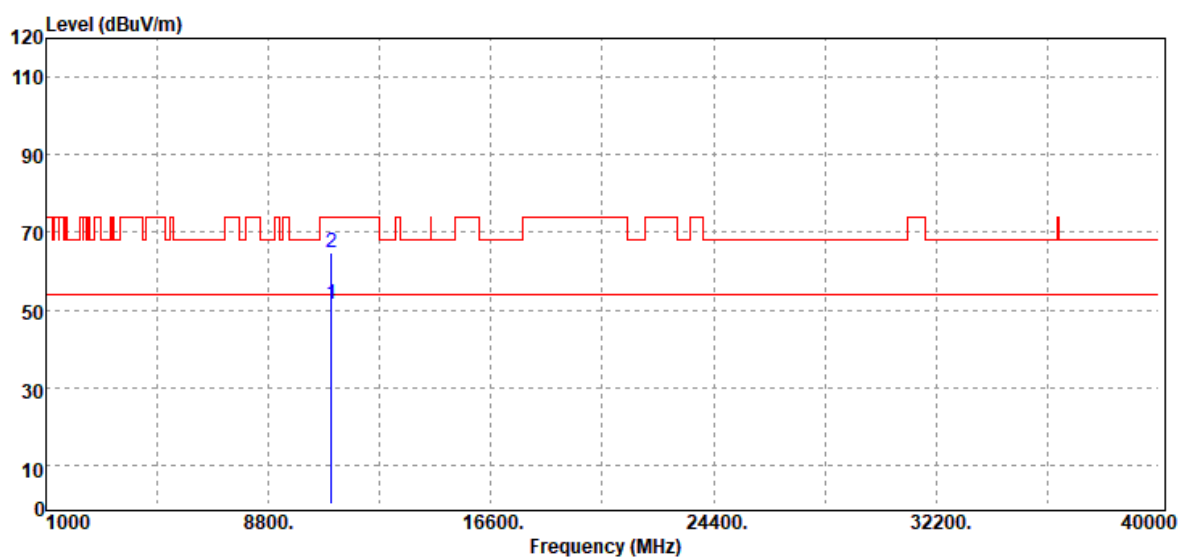
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
10580.00	Peak	33.67	15.06	48.73	68.20	-19.47
N/A						

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	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		

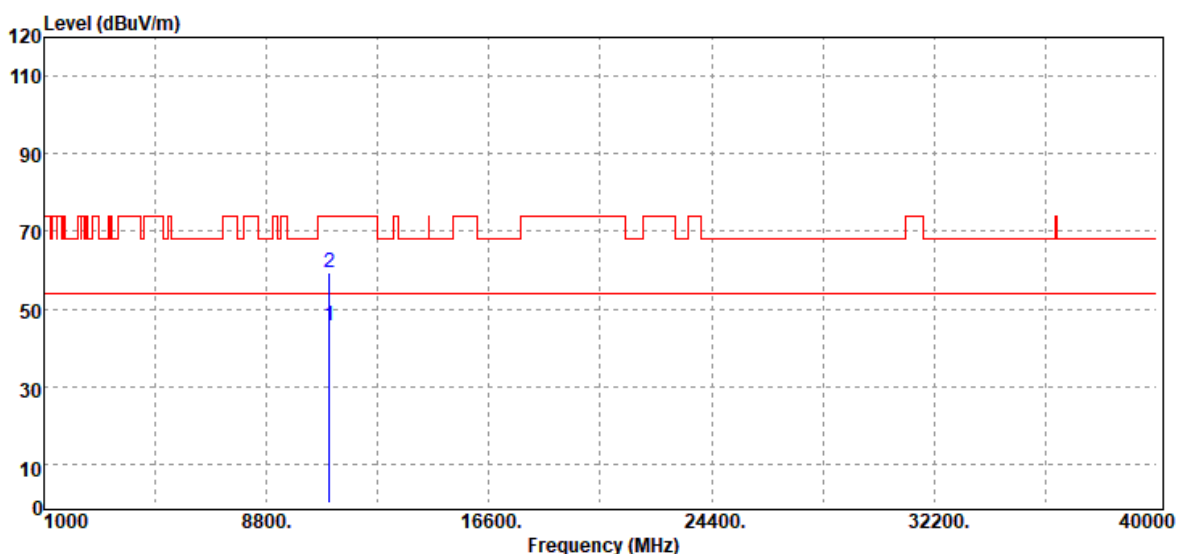


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11000.00	Average	35.50	16.02	51.52	54.00	-2.48
11000.00	Peak	48.89	16.02	64.91	74.00	-9.09
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11a / 5500 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		

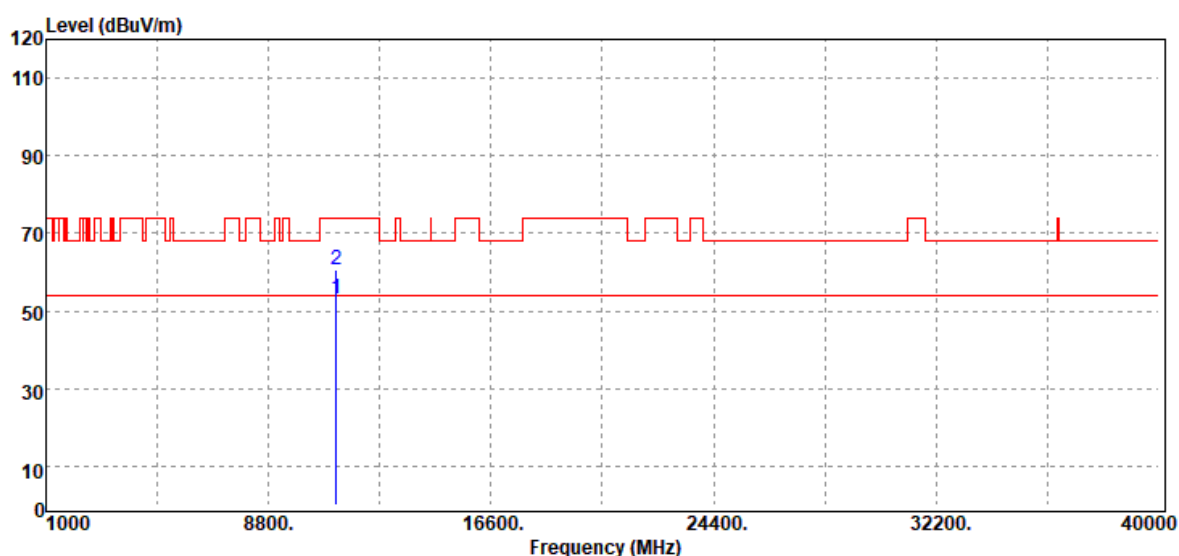


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11000.00	Average	29.48	16.02	45.50	54.00	-8.50
11000.00	Peak	43.55	16.02	59.57	74.00	-14.43
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11a / 5580 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		

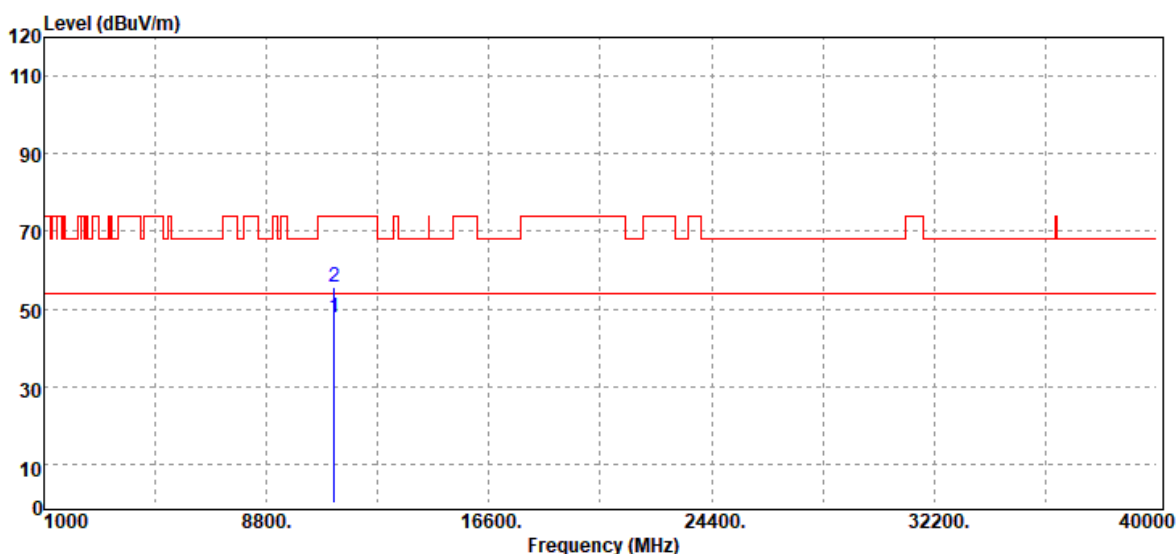


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11160.00	Average	36.29	16.70	52.99	54.00	-1.01
11160.00	Peak	43.73	16.70	60.43	74.00	-13.57
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11a / 5580 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		

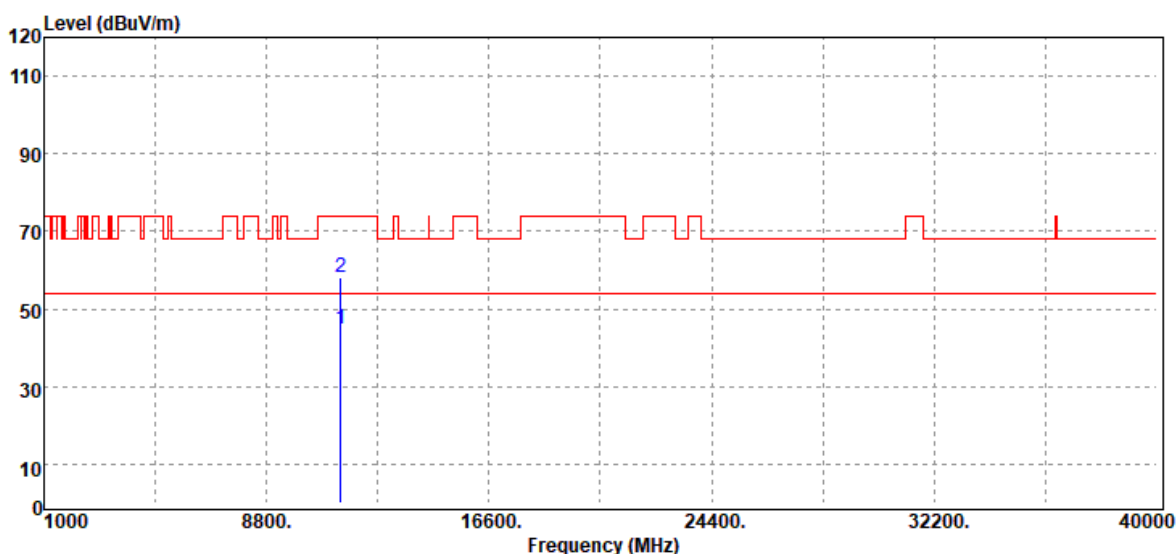


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11160.00	Average	31.07	16.70	47.77	54.00	-6.23
11160.00	Peak	38.83	16.70	55.53	74.00	-18.47
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11a / 5700 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		

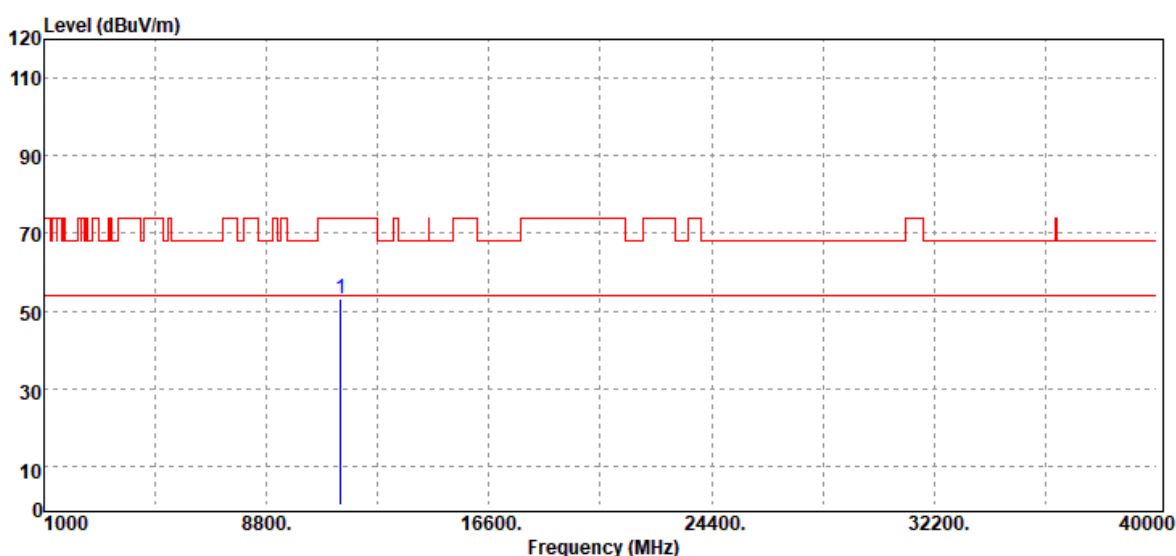


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11400.00	Average	28.66	16.18	44.84	54.00	-9.16
11400.00	Peak	42.16	16.18	58.34	74.00	-15.66
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11a / 5700 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 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	37.17	16.18	53.35	74.00	-20.65
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	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		

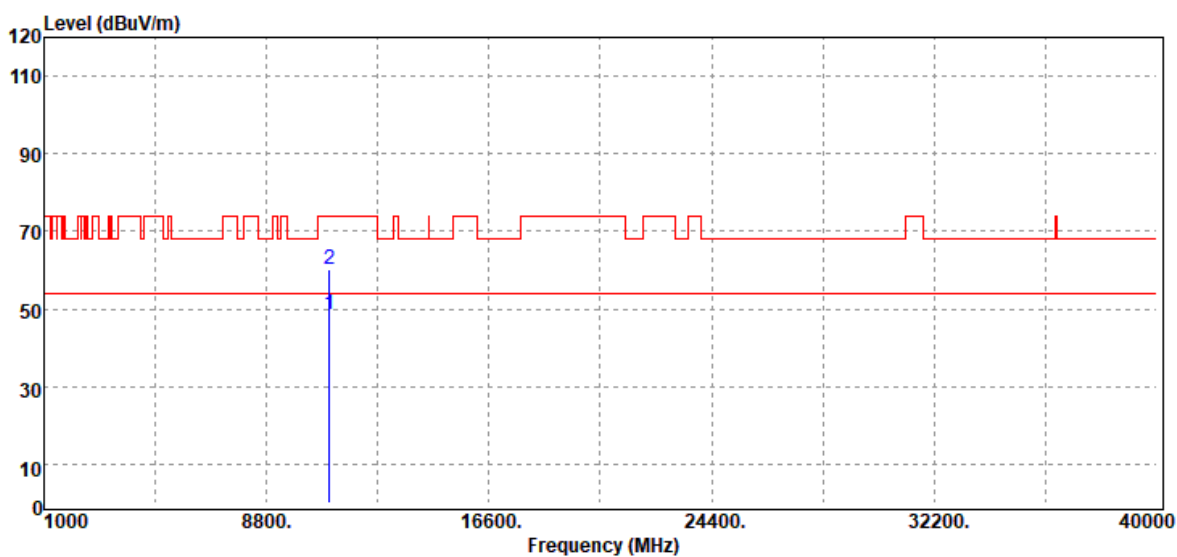


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11000.00	Average	36.21	16.02	52.23	54.00	-1.77
11000.00	Peak	49.57	16.02	65.59	74.00	-8.41
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11n 20 MHz / 5500 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		

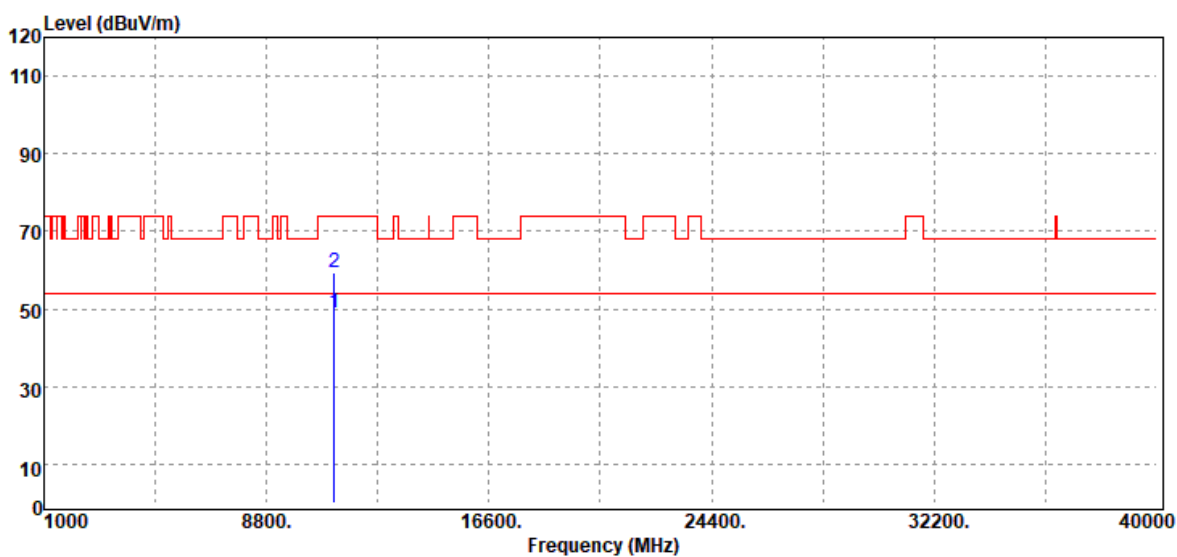


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11000.00	Average	32.49	16.02	48.51	54.00	-5.49
11000.00	Peak	44.18	16.02	60.20	74.00	-13.80
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11n 20 MHz / 5580 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		

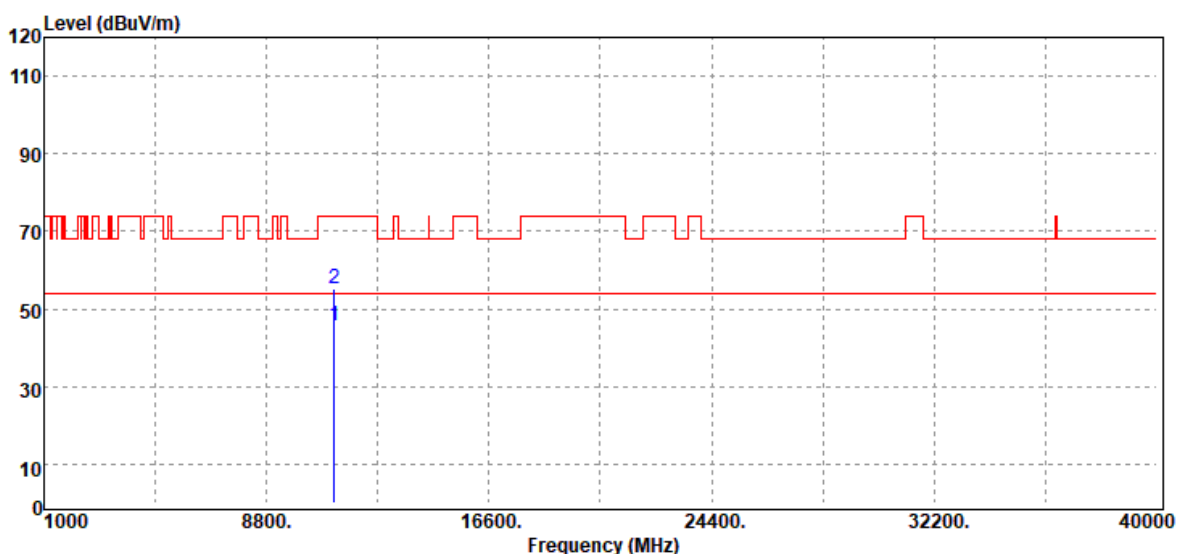


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11160.00	Average	32.28	16.70	48.98	54.00	-5.02
11160.00	Peak	42.60	16.70	59.30	74.00	-14.70
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11n 20 MHz / 5580 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		

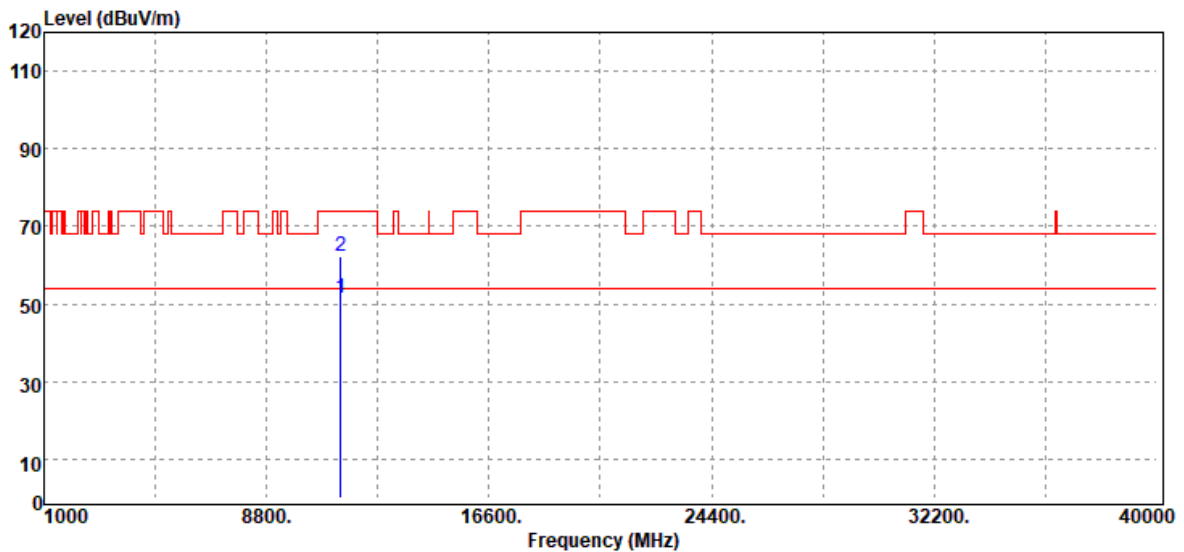


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11160.00	Average	29.18	16.70	45.88	54.00	-8.12
11160.00	Peak	38.62	16.70	55.32	74.00	-18.68
N/A						

Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11n 20 MHz / 5700 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		

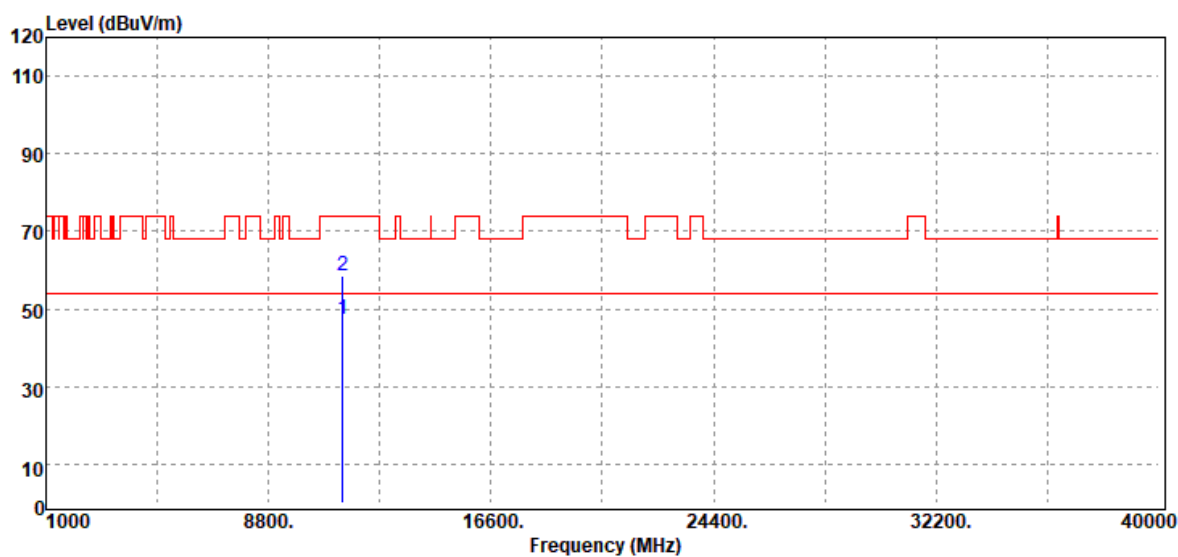


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11400.00	Average	35.19	16.18	51.37	54.00	-2.63
11400.00	Peak	46.07	16.18	62.25	74.00	-11.75
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11n 20 MHz / 5700 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		

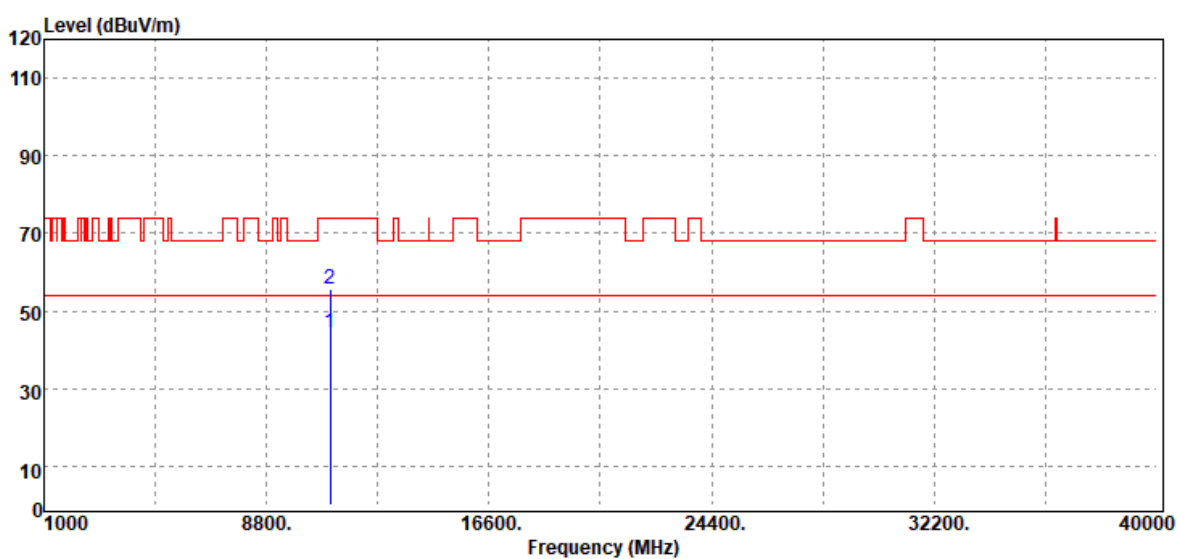


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11400.00	Average	30.99	16.18	47.17	54.00	-6.83
11400.00	Peak	42.48	16.18	58.66	74.00	-15.34
N/A						

Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11n 40 MHz / 5510 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		

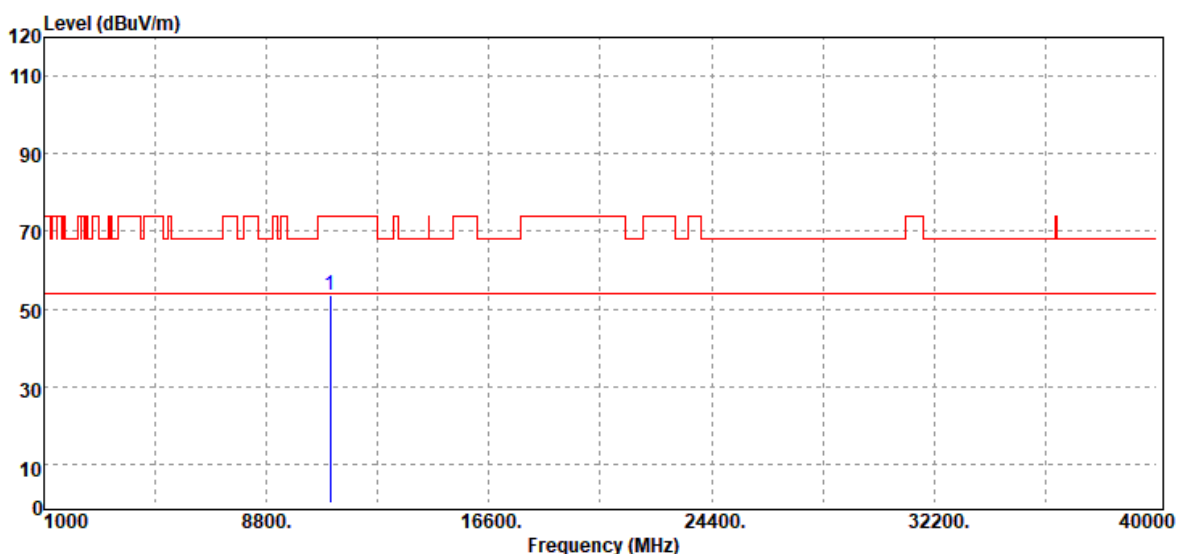


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11020.00	Average	28.38	16.18	44.56	54.00	-9.44
11020.00	Peak	39.54	16.18	55.72	74.00	-18.28
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11n 40 MHz / 5510 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		

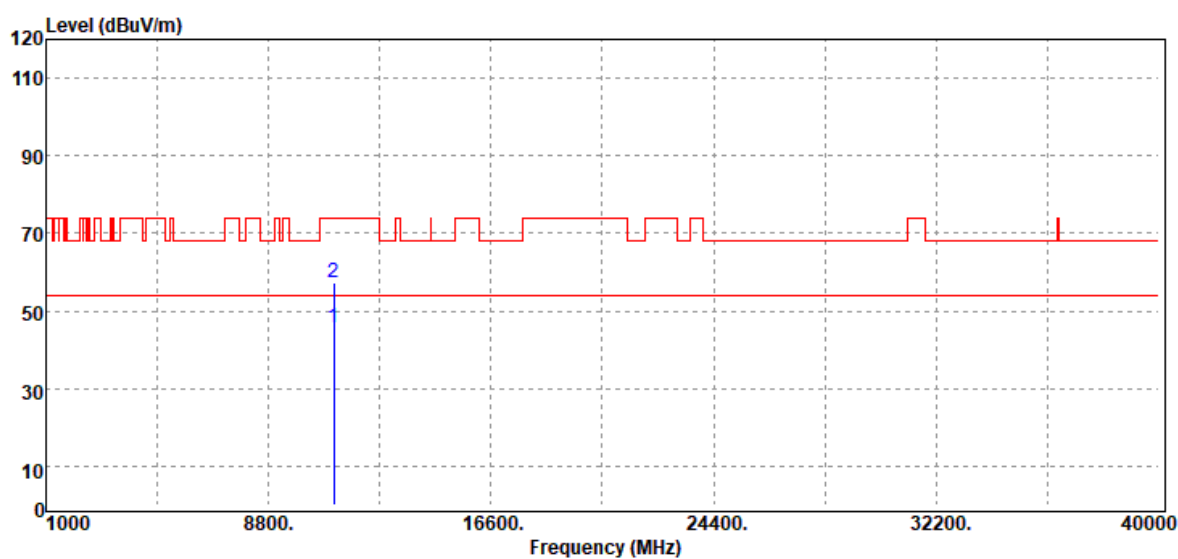


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11020.00	Peak	37.18	16.18	53.36	74.00	-20.64
N/A						

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 802.11n 40 MHz / 5550 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		

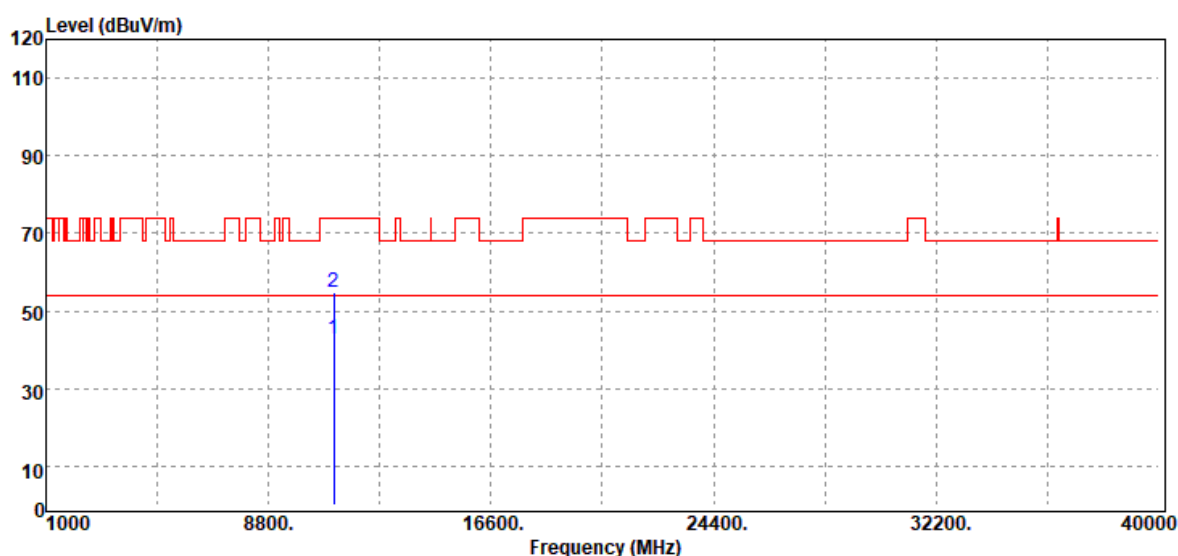


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11100.00	Average	29.12	16.55	45.67	54.00	-8.33
11100.00	Peak	40.90	16.55	57.45	74.00	-16.55
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11n 40 MHz / 5550 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		

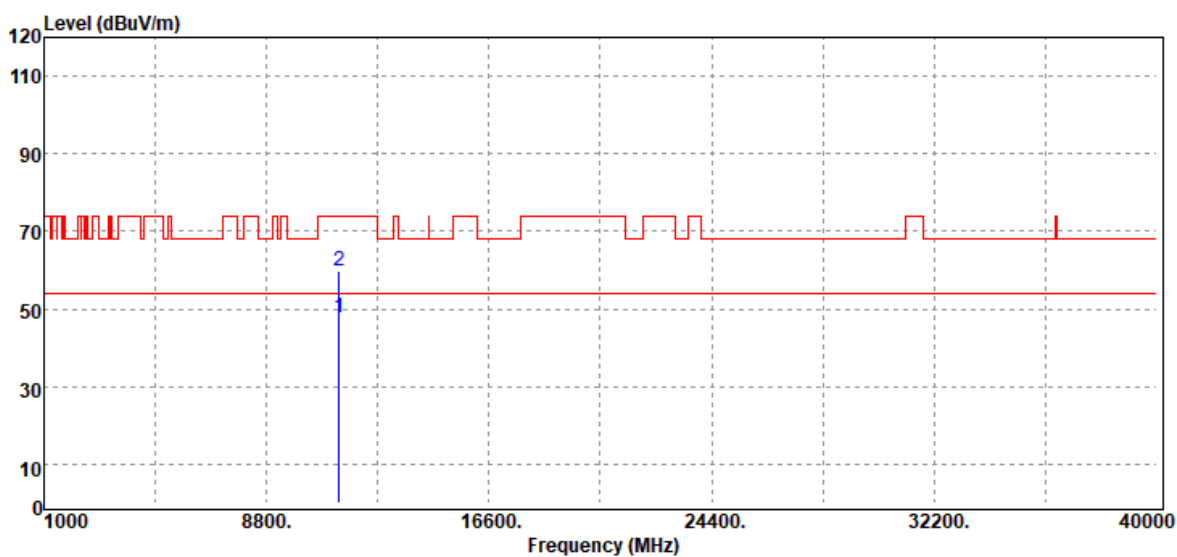


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11100.00	Average	26.31	16.55	42.86	54.00	-11.14
11100.00	Peak	38.41	16.55	54.96	74.00	-19.04
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11n 40 MHz / 5670 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		

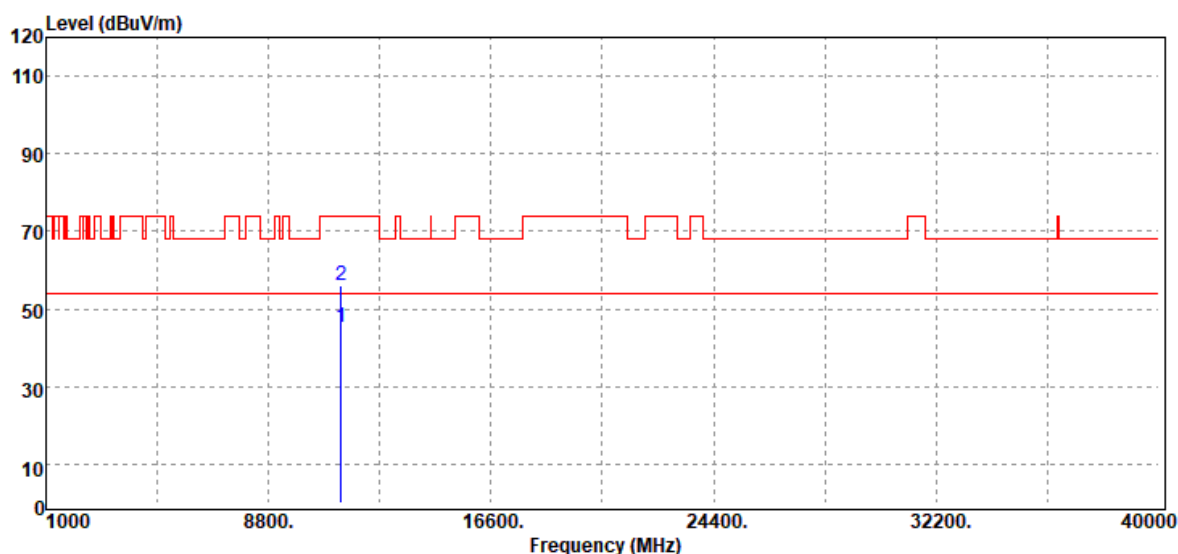


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11340.00	Average	31.52	16.43	47.95	54.00	-6.05
11340.00	Peak	43.55	16.43	59.98	74.00	-14.02
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11n 40 MHz / 5670 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		

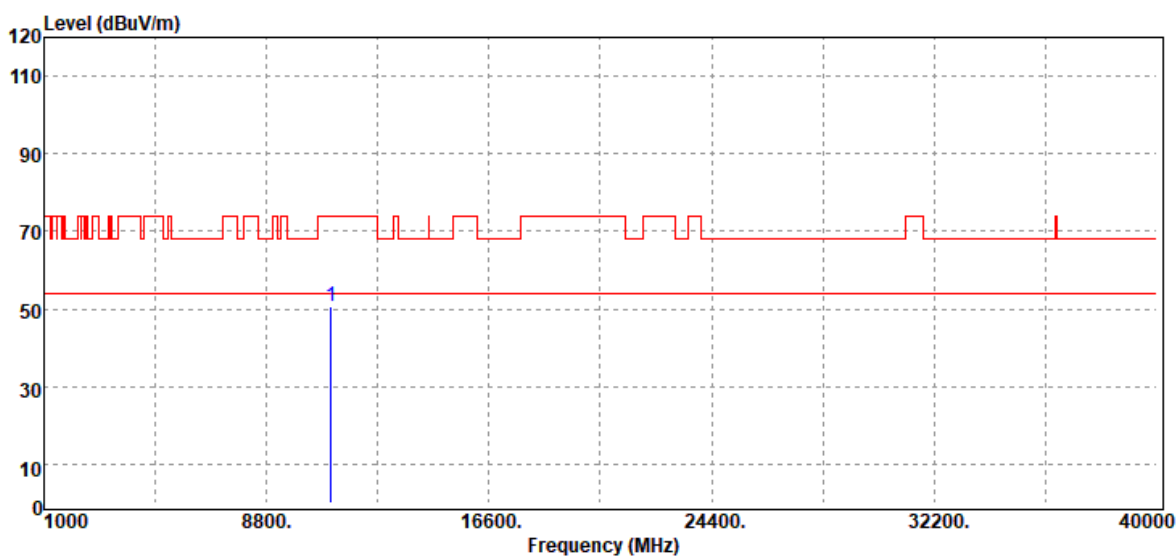


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11340.00	Average	28.96	16.43	45.39	54.00	-8.61
11340.00	Peak	39.48	16.43	55.91	74.00	-18.09
N/A						

Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11ac VHT80 / 5530 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak		

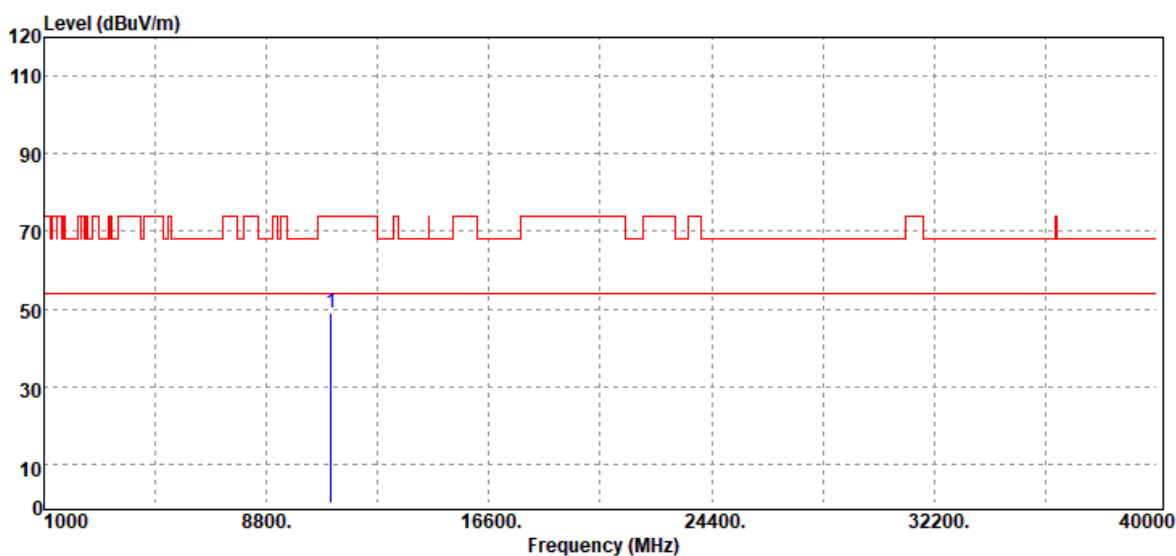


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11060.00	Peak	34.12	16.45	50.57	74.00	-23.43
N/A						

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 / 5530 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak		



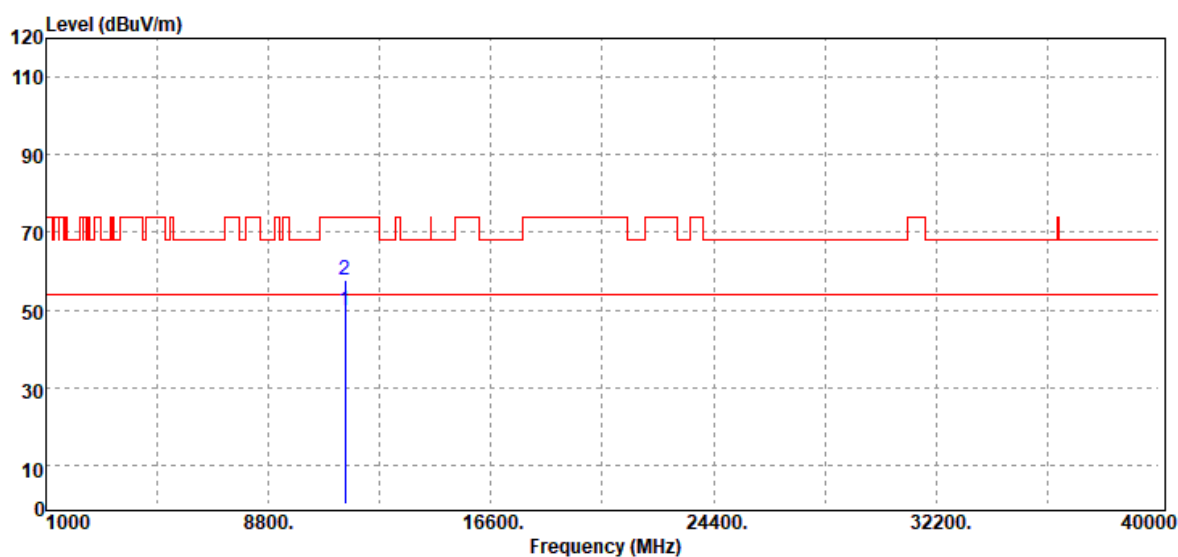
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11060.00	Peak	32.75	16.45	49.20	74.00	-24.80
N/A						

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	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		

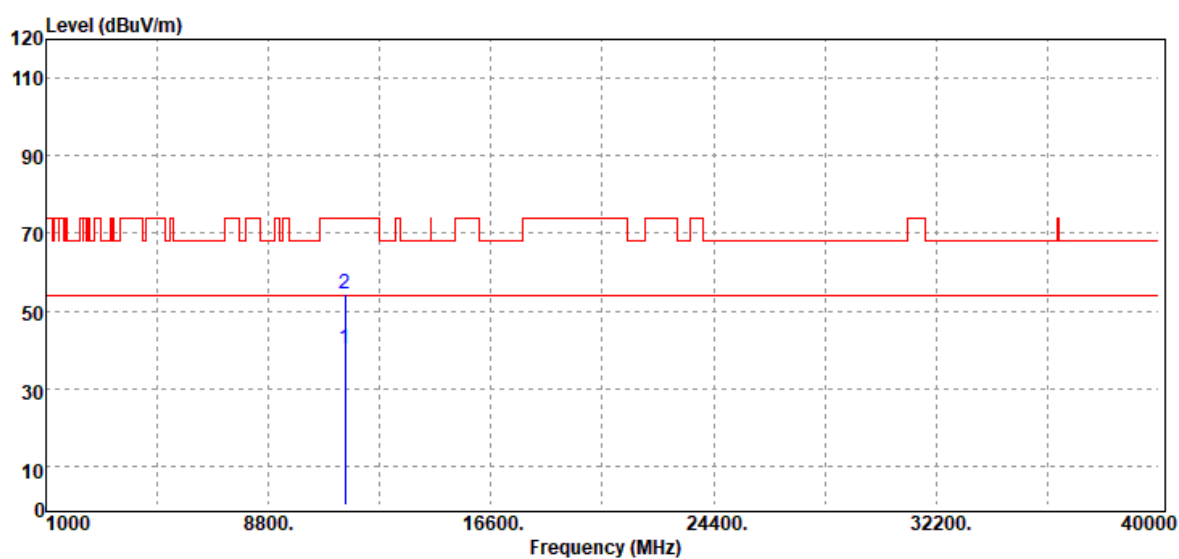


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11490.00	Average	33.88	16.01	49.89	54.00	-4.11
11490.00	Peak	41.78	16.01	57.79	74.00	-16.21
N/A						

Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11a / 5745 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		

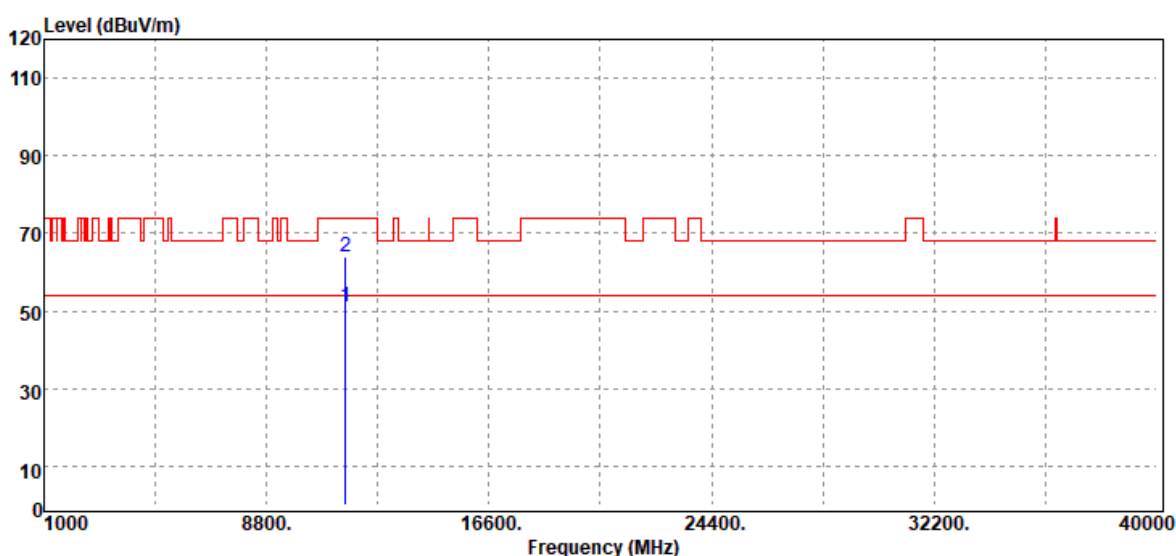


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11490.00	Average	24.30	16.01	40.31	54.00	-13.69
11490.00	Peak	38.44	16.01	54.45	74.00	-19.55
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11a / 5785 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		

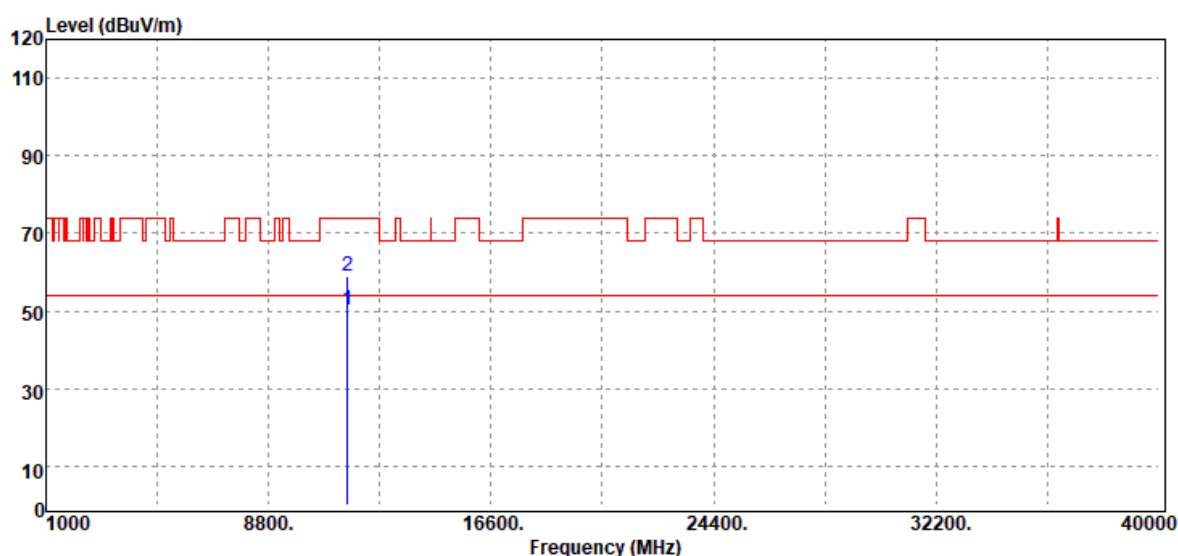


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11570.00	Average	35.17	16.08	51.25	54.00	-2.75
11570.00	Peak	47.69	16.08	63.77	74.00	-10.23
N/A						

Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11a / 5785 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		

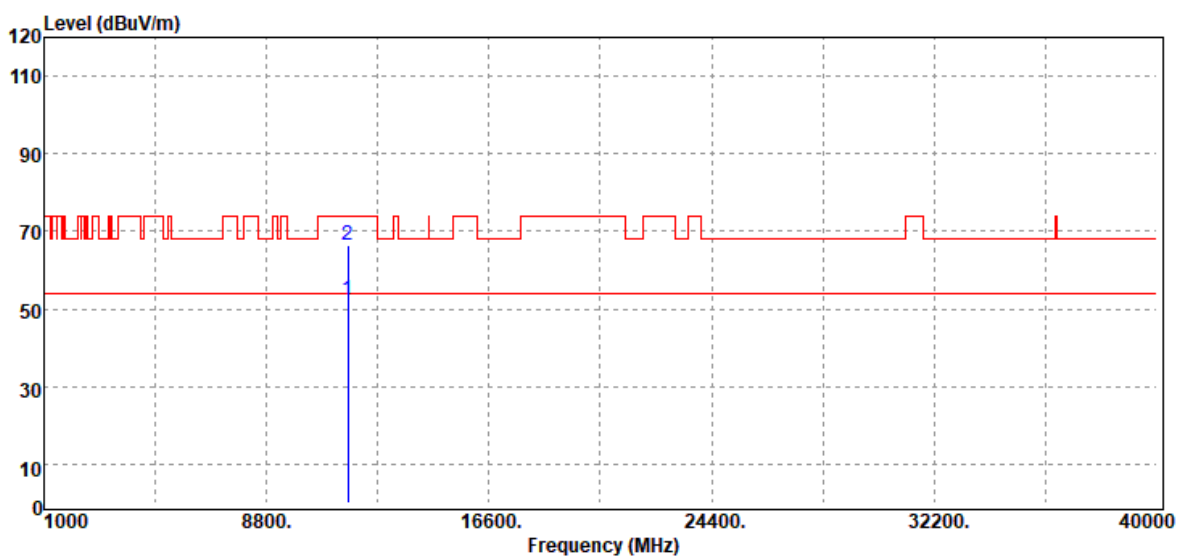


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11570.00	Average	34.13	16.08	50.21	54.00	-3.79
11570.00	Peak	42.73	16.08	58.81	74.00	-15.19
N/A						

Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11a / 5825 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		

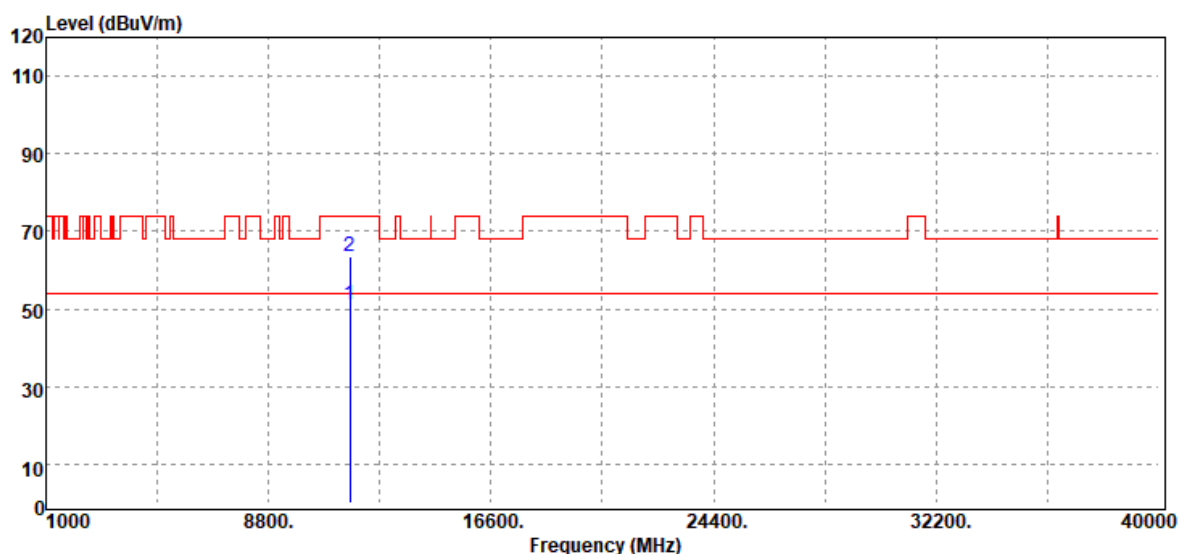


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11650.00	Average	36.19	16.06	52.25	54.00	-1.75
11650.00	Peak	50.49	16.06	66.55	74.00	-7.45
N/A						

Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11a / 5825 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		

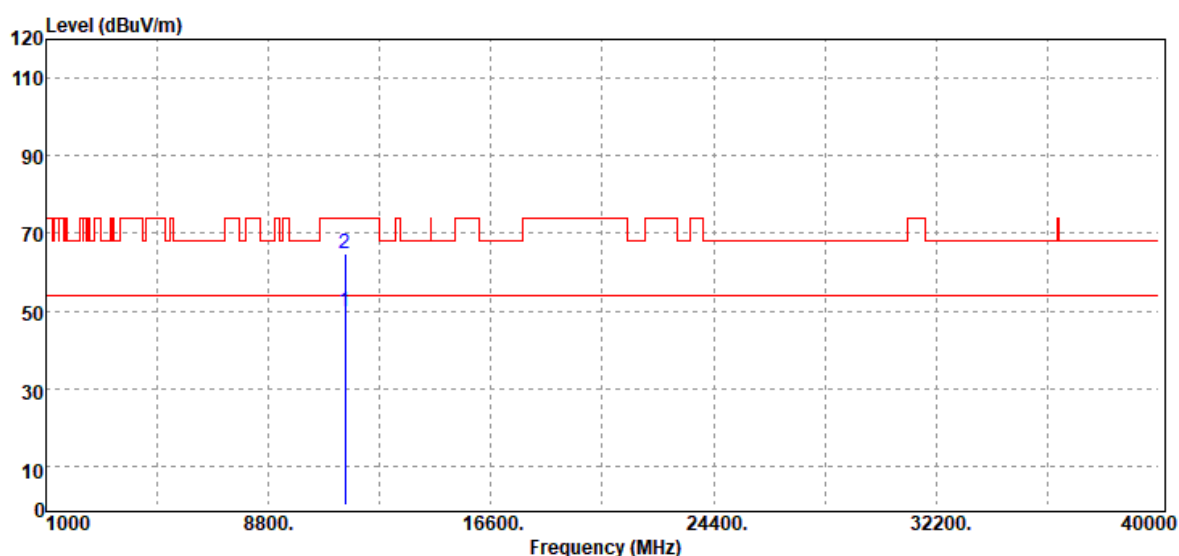


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11650.00	Average	34.91	16.06	50.97	54.00	-3.03
11650.00	Peak	47.57	16.06	63.63	74.00	-10.37
N/A						

Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11n 20 MHz / 5745 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		

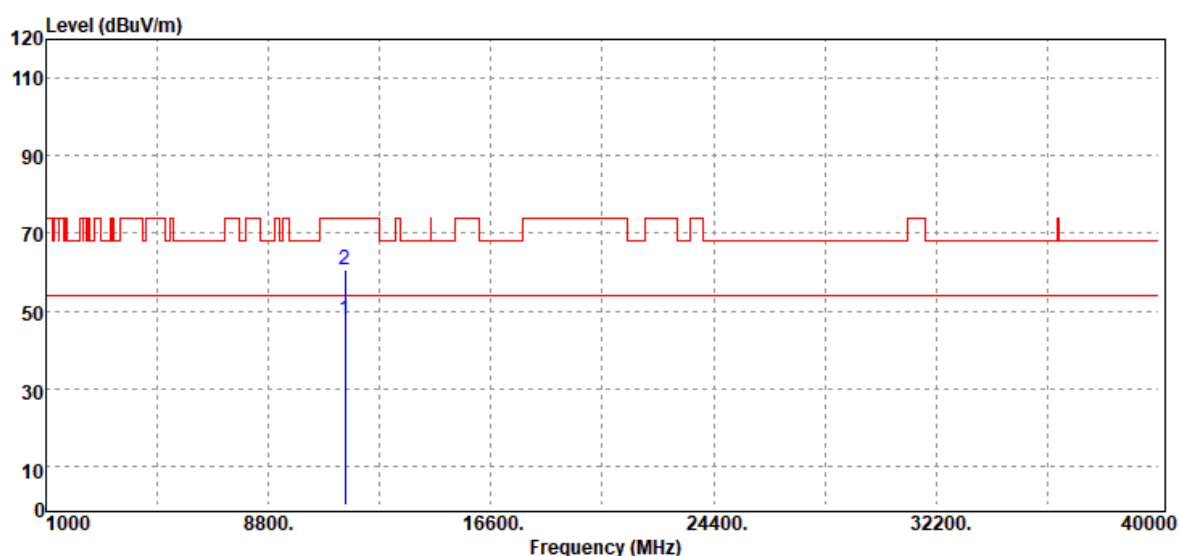


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11490.00	Average	33.76	16.01	49.77	54.00	-4.23
11490.00	Peak	48.61	16.01	64.62	74.00	-9.38
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11n 20 MHz / 5745 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		

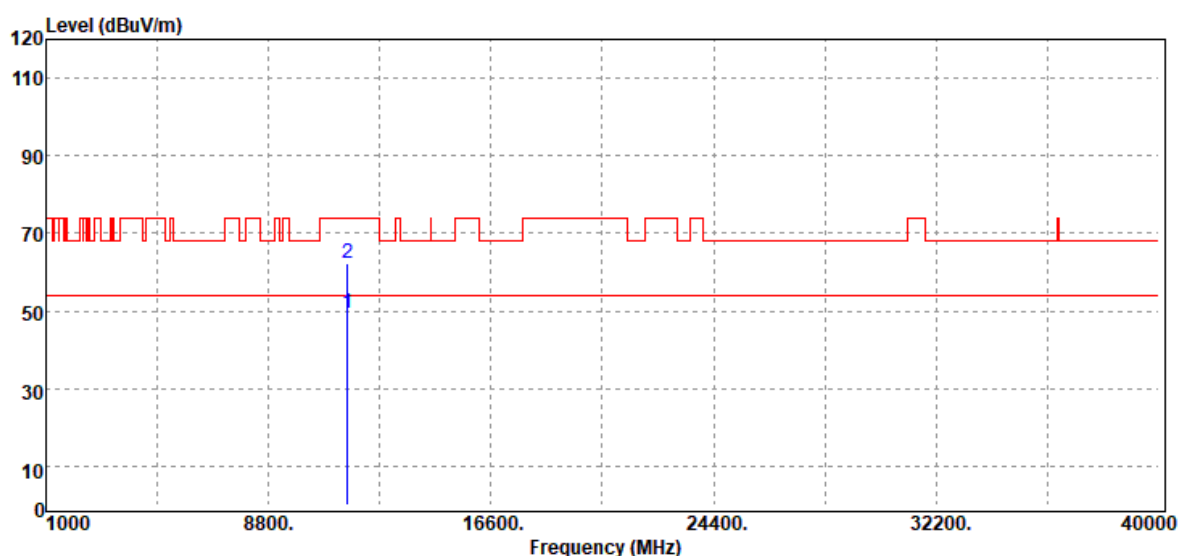


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11490.00	Average	31.68	16.01	47.69	54.00	-6.31
11490.00	Peak	44.66	16.01	60.67	74.00	-13.33
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11n 20 MHz/ 5785 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		

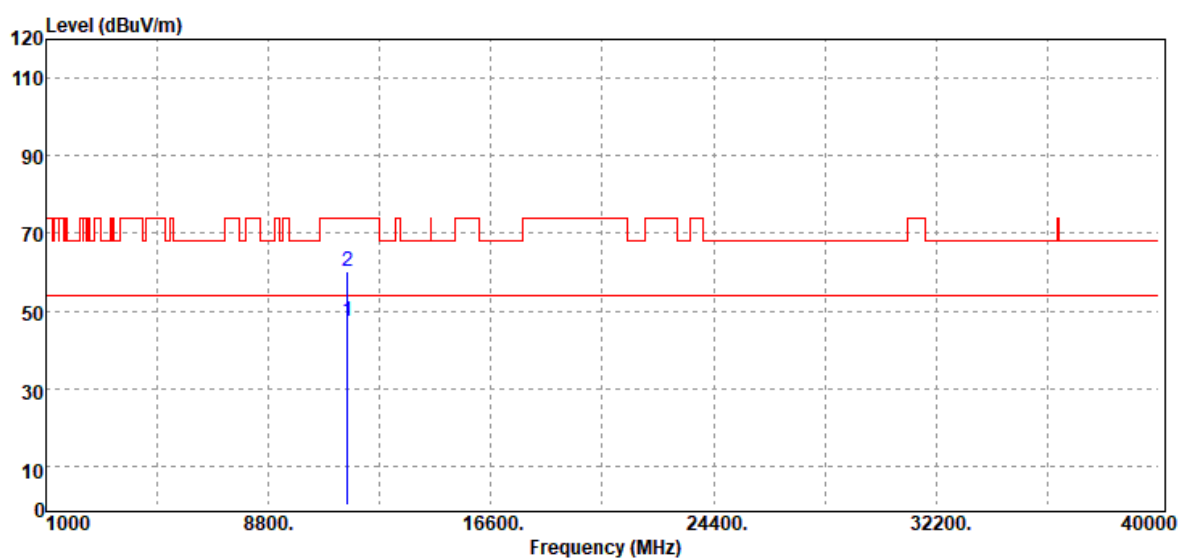


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11570.00	Average	33.26	16.08	49.34	54.00	-4.66
11570.00	Peak	46.00	16.08	62.08	74.00	-11.92
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11n 20 MHz/ 5785 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		



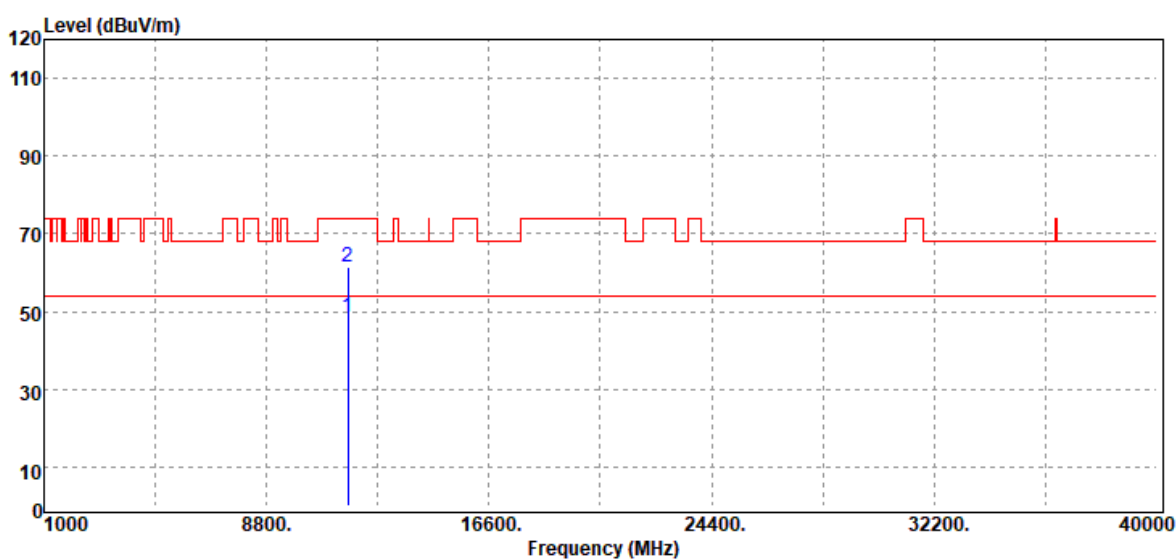
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11570.00	Average	31.34	16.08	47.42	54.00	-6.58
11570.00	Peak	44.18	16.08	60.26	74.00	-13.74
N/A						

Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

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Test Mode	IEEE 802.11n 20 MHz/ 5825 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		

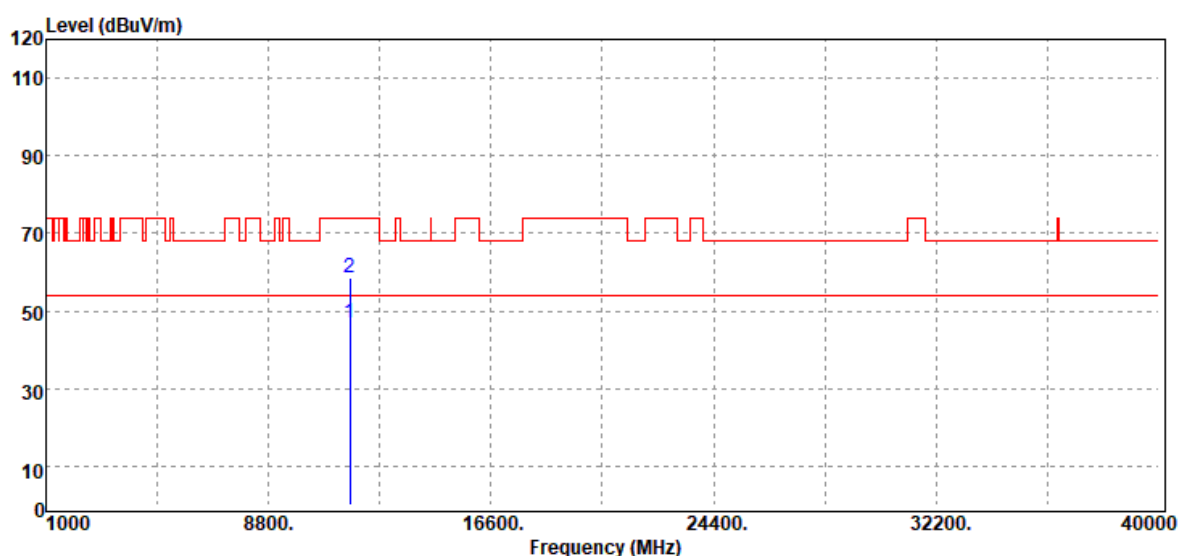


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11650.00	Average	32.55	16.06	48.61	54.00	-5.39
11650.00	Peak	45.50	16.06	61.56	74.00	-12.44
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11n 20 MHz/ 5825 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		

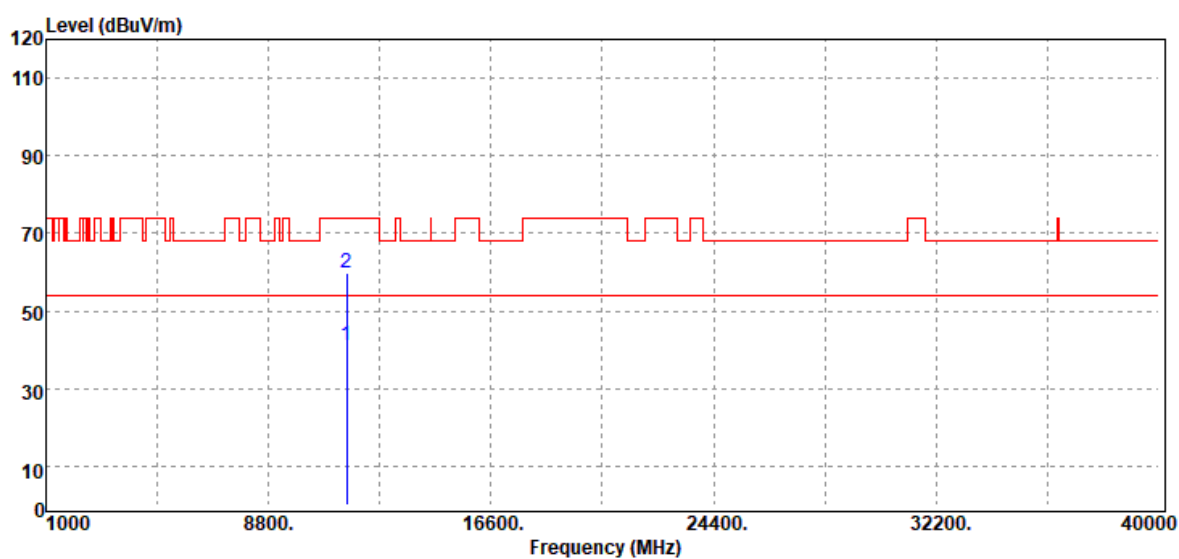


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11650.00	Average	30.67	16.06	46.73	54.00	-7.27
11650.00	Peak	42.43	16.06	58.49	74.00	-15.51
N/A						

Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11n 40 MHz/ 5755 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		

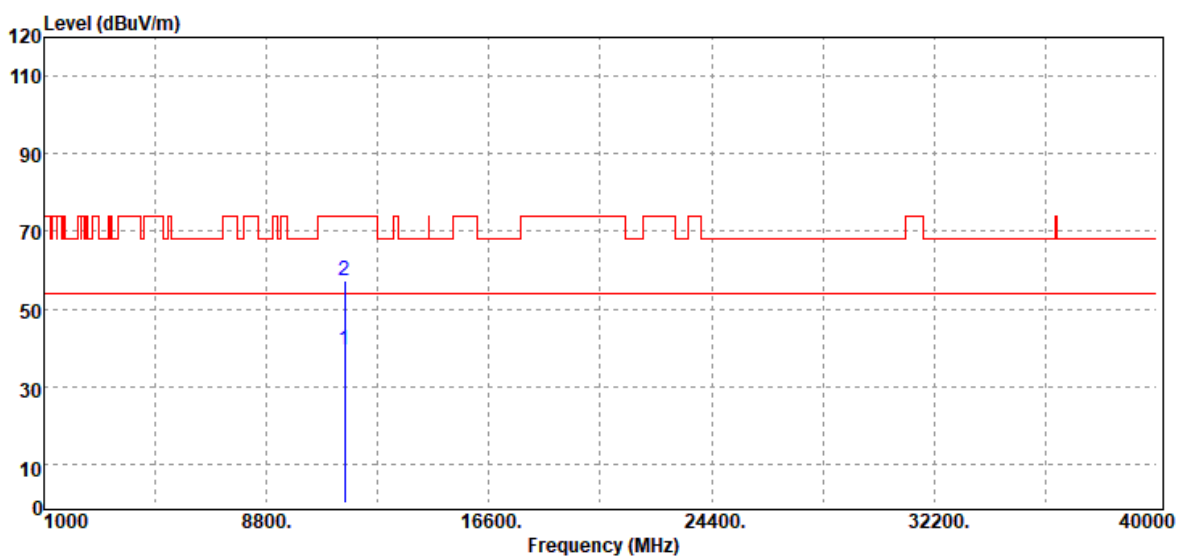


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11550.00	Average	24.91	16.15	41.06	54.00	-12.94
11550.00	Peak	43.61	16.15	59.76	74.00	-14.24
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11n 40 MHz/ 5755 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		

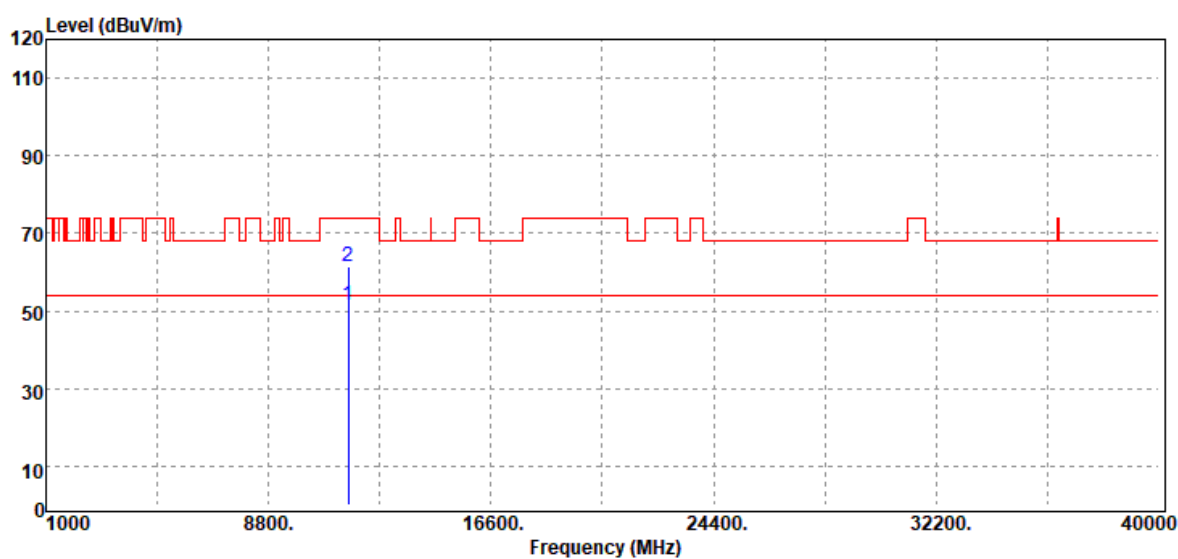


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11550.00	Average	23.24	16.15	39.39	54.00	-14.61
11550.00	Peak	41.20	16.15	57.35	74.00	-16.65
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11n 40 MHz/ 5795 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		

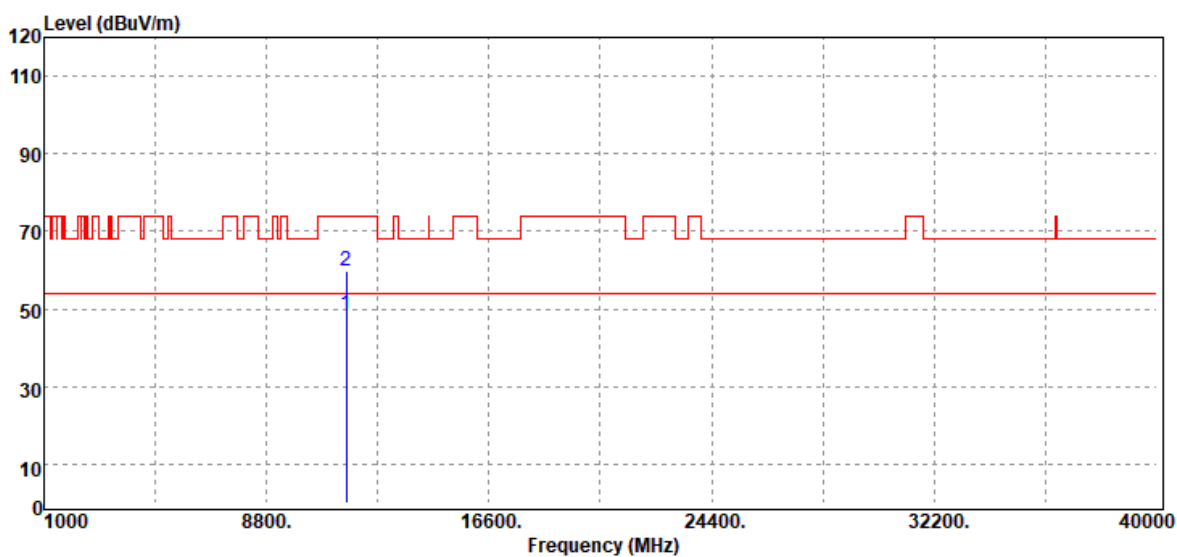


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11590.00	Average	35.66	16.02	51.68	54.00	-2.32
11590.00	Peak	45.36	16.02	61.38	74.00	-12.62
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11n 40 MHz/ 5795 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		

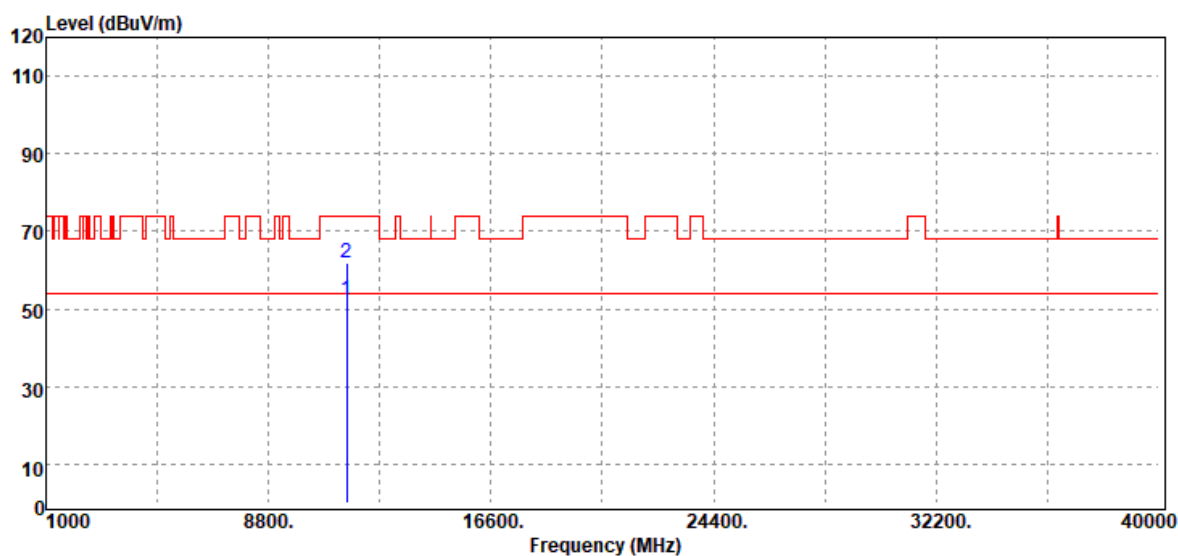


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11590.00	Average	32.50	16.02	48.52	54.00	-5.48
11590.00	Peak	43.82	16.02	59.84	74.00	-14.16
N/A						

Remark:

- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11ac VHT80/ 5775 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		

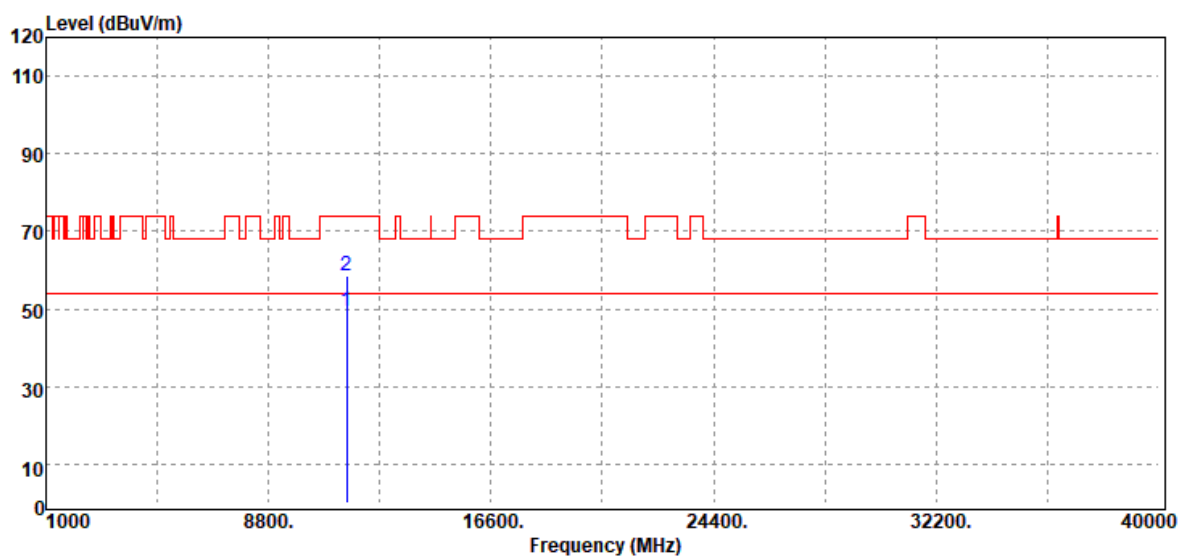


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11550.00	Average	36.25	16.15	52.40	54.00	-1.60
11550.00	Peak	45.93	16.15	62.08	74.00	-11.92
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

Test Mode	IEEE 802.11ac VHT80/ 5775 MHz	Temp/Hum	25.3(°C)/ 61%RH
Test Item	Harmonic	Test Date	May 27, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		



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	Average	33.45	16.15	49.60	54.00	-4.40
11550.00	Peak	42.29	16.15	58.44	74.00	-15.56
N/A						

Remark:

1. Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.

4.6 FREQUENCY STABILITY

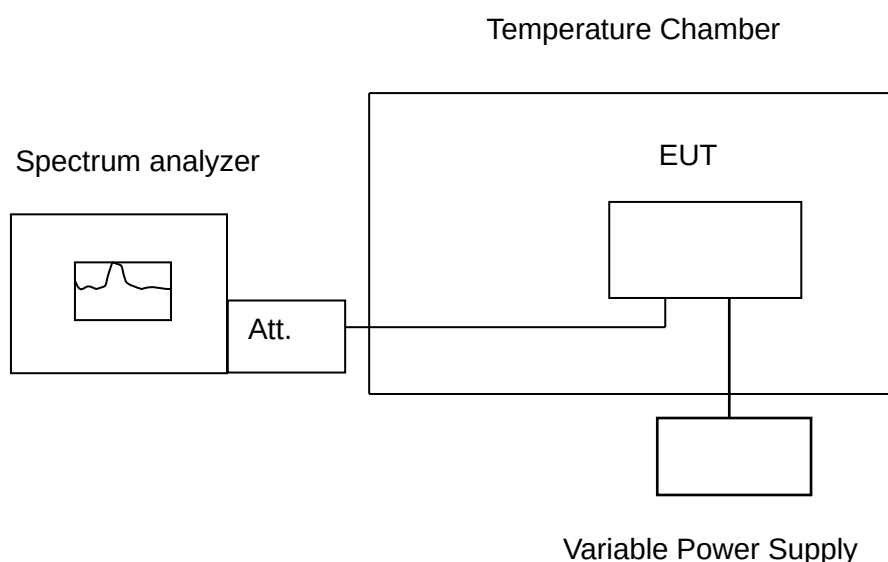
4.6.1 Test Limit

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 0°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 +60°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	
60	3.3	5179.98447	5179.98447	5179.98447	5179.98447	0.0136	0.0120	0.0095	0.0081	Pass
50	3.3	5179.98446	5179.98445	5179.98448	5179.98448	0.0111	0.0083	0.0102	0.0095	Pass
40	3.3	5179.98446	5179.98446	5179.98446	5179.98446	0.0120	0.0102	0.0077	0.0054	Pass
30	3.3	5179.98445	5179.98445	5179.98446	5179.98446	0.0103	0.0085	0.0071	0.0064	Pass
20	3.3	5179.98440	5179.98441	5179.98442	5179.98443	0.0000	0.0000	0.0000	0.0000	Pass
10	3.3	5179.98440	5179.98440	5179.98440	5179.98440	0.0000	-0.0020	-0.0044	-0.0054	Pass
0	3.3	5179.98439	5179.98439	5179.98438	5179.98438	-0.0023	-0.0048	-0.0077	-0.0091	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	
20	2.97	5179.98443	5179.98443	5179.98443	5179.98443	-0.0027	-0.0015	-0.0017	-0.0002	Pass
20	3.3	5179.98444	5179.98444	5179.98444	5179.98444	0.0000	0.0000	0.0000	0.0000	Pass
20	3.63	5179.98444	5179.98444	5179.98445	5179.98445	0.0004	0.0006	0.0025	0.0031	Pass

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	
60	3.3	5259.98458	5259.98458	5259.98458	5259.98457	0.0002	-0.0002	-0.0004	-0.0025	Pass
50	3.3	5259.98460	5259.98460	5259.98460	5259.98461	0.0046	0.0048	0.0042	0.0044	Pass
40	3.3	5259.98458	5259.98457	5259.98458	5259.98457	0.0002	-0.0013	-0.0004	-0.0025	Pass
30	3.3	5259.98460	5259.98458	5259.98457	5259.98458	0.0051	-0.0002	-0.0010	-0.0010	Pass
20	3.3	5259.98458	5259.98458	5259.98458	5259.98458	0.0000	0.0000	0.0000	0.0000	Pass
10	3.3	5259.98458	5259.98458	5259.98458	5259.98457	0.0002	0.0000	-0.0006	-0.0025	Pass
0	3.3	5259.98457	5259.98457	5259.98458	5259.98457	-0.0008	-0.0008	0.0004	-0.0021	Pass
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	
20	2.97	5259.98458	5259.98458	5259.98458	5259.98459	-0.0015	-0.0019	-0.0021	-0.0002	Pass
20	3.3	5259.98459	5259.98459	5259.98459	5259.98459	0.0000	0.0000	0.0000	0.0000	Pass
20	3.63	5259.98459	5259.98460	5259.98459	5259.98459	0.0002	0.0023	0.0000	0.0004	Pass



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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	
60	3.3	5499.97214	5499.97216	5499.97216	5499.97217	0.1182	0.1109	0.1055	0.1036	Pass
50	3.3	5499.97216	5499.97211	5499.97212	5499.97213	0.1218	0.1018	0.0982	0.0964	Pass
40	3.3	5499.97211	5499.97212	5499.97214	5499.97215	0.1127	0.1036	0.1018	0.1000	Pass
30	3.3	5499.97205	5499.97209	5499.97210	5499.97211	0.1018	0.0982	0.0945	0.0927	Pass
20	3.3	5499.97149	5499.97155	5499.97158	5499.97160	0.0000	0.0000	0.0000	0.0000	Pass
10	3.3	5499.97159	5499.97157	5499.97156	5499.97152	0.0182	0.0036	-0.0036	-0.0145	Pass
0	3.3	5499.97150	5499.97149	5499.97145	5499.97143	0.0018	-0.0109	-0.0236	-0.0309	Pass
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	
20	2.97	5499.97161	5499.97162	5499.97163	5499.97164	-0.0073	-0.0073	-0.0109	-0.0109	Pass
20	3.3	5499.97165	5499.97166	5499.97169	5499.97170	0.0000	0.0000	0.0000	0.0000	Pass
20	3.63	5499.97183	5499.97184	5499.97185	5499.97188	0.0327	0.0327	0.0291	0.0327	Pass

Temp. (°C)	Voltage (V)	Measured Frequency	5700		(MHz)	Limit				Result
		Time (min)				20ppm				
Operating Frequency:		0 min	2 min	5 min	10 min	0 min	2 min	5 min	10 min	
60	3.3	5744.97655	5744.97361	5744.97360	5744.97364	0.4578	-0.0574	-0.0661	-0.0609	Pass
50	3.3	5744.97365	5744.97366	5744.97368	5744.97367	-0.0470	-0.0487	-0.0522	-0.0557	Pass
40	3.3	5744.97369	5744.97373	5744.97374	5744.97375	-0.0400	-0.0366	-0.0418	-0.0418	Pass
30	3.3	5744.97380	5744.97381	5744.97382	5744.97385	-0.0209	-0.0226	-0.0279	-0.0244	Pass
20	3.3	5744.97392	5744.97394	5744.97398	5744.97399	0.0000	0.0000	0.0000	0.0000	Pass
10	3.3	5744.97340	5744.97401	5744.97402	5744.97400	-0.0903	0.0122	0.0070	0.0017	Pass
0	3.3	5744.97403	5744.97405	5744.97406	5744.97410	0.0191	0.0191	0.0139	0.0191	Pass
Temp. (°C)	Voltage (V)	Measured Frequency	5700		(MHz)	Limit				Result
		Time (min)				20ppm				
Operating Frequency:		0 min	2 min	5 min	10 min	0 min	2 min	5 min	10 min	
20	2.97	5744.97380	5744.97392	5744.97382	5744.97380	-0.0035	-0.0122	0.0017	-0.0017	Pass
20	3.3	5744.97382	5744.97399	5744.97381	5744.97381	0.0000	0.0000	0.0000	0.0000	Pass
20	3.63	5744.97392	5744.97380	5744.97399	5744.97392	0.0174	-0.0331	0.0313	0.0191	Pass

- End of Test Report -