UNII-3 IEEE 802.11ax HE80 mode- chain 1	
Mid CH full	**Mid CH 484/65**
Mid CH 484/66	

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4.5 RADIATION BANDEDGE AND SPURIOUS EMISSION

4.5.1 Test Limit

According to §15.407, §15.209 and §15.205,

Below 30 MHz

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

Above 30 MHz

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

UNII-1 :

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

UNII-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

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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 ≥ 3*RBW, Sweep = Auto, Detector = Peak, Trace = Max hold.

(2) Above 1G：

(2.1) For Peak measurement：RBW = 1MHz, VBW ≥ 3 RBW, Sweep = Auto, Detector = Peak, Trace = Max hold.

(2.2) For Average measurement：RBW = 1MHz, VBW

˙If Duty Cycle ≥ 98%, VBW=10Hz.

˙If Duty Cycle < 98%, VBW=1/T.

6. Data result

Actual FS=Spectrum Reading Level + Factor

Margin=Actual FS- Limit

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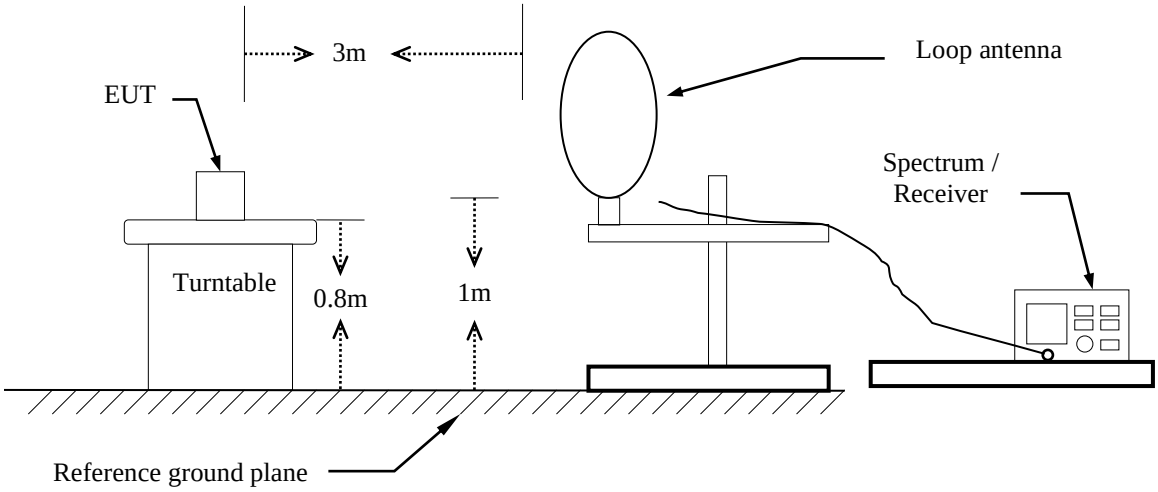
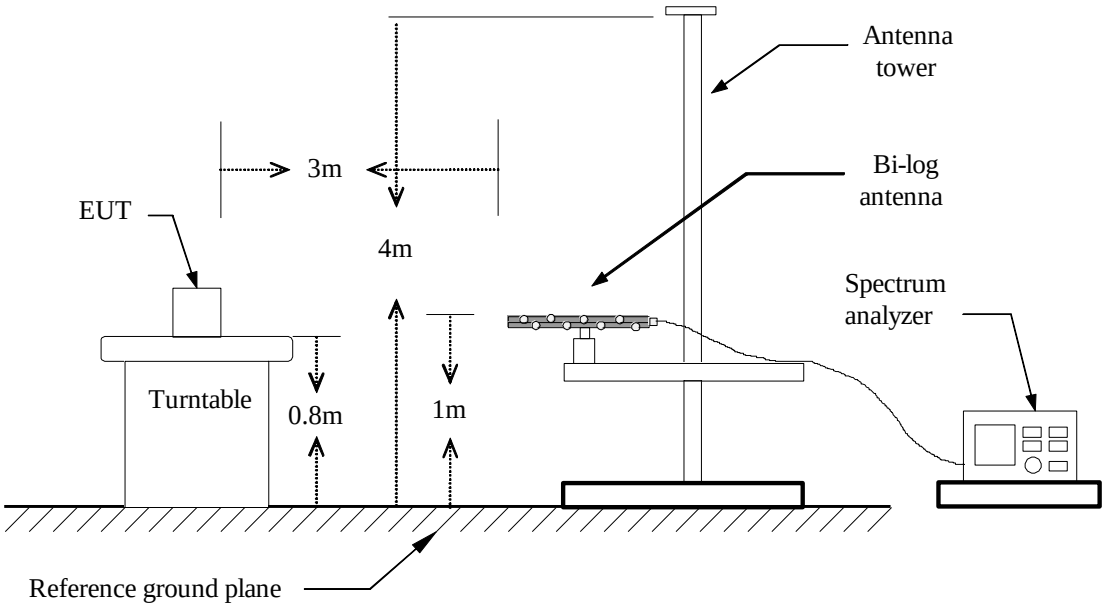
4.5.3 Test Setup

9kHz ~ 30MHz



30MHz ~ 1GHz



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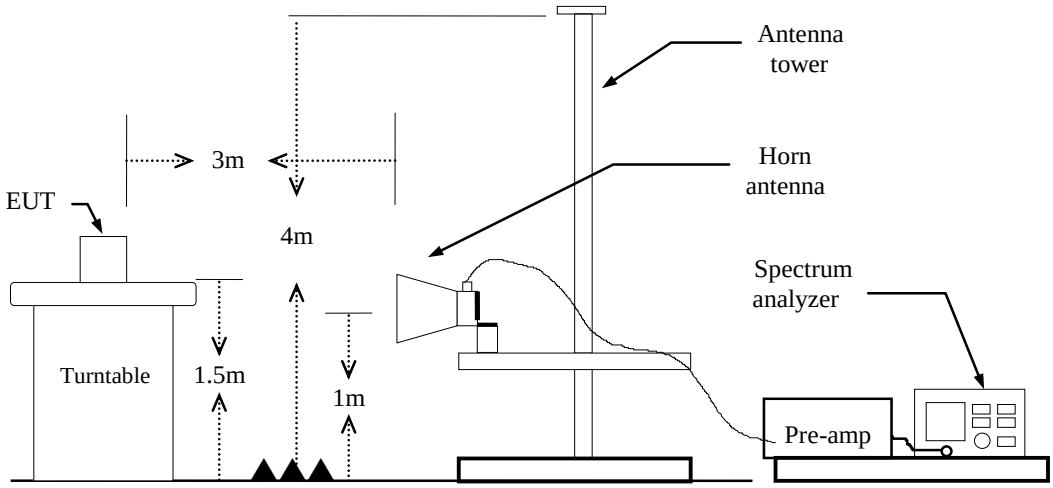
Above 1 GHz



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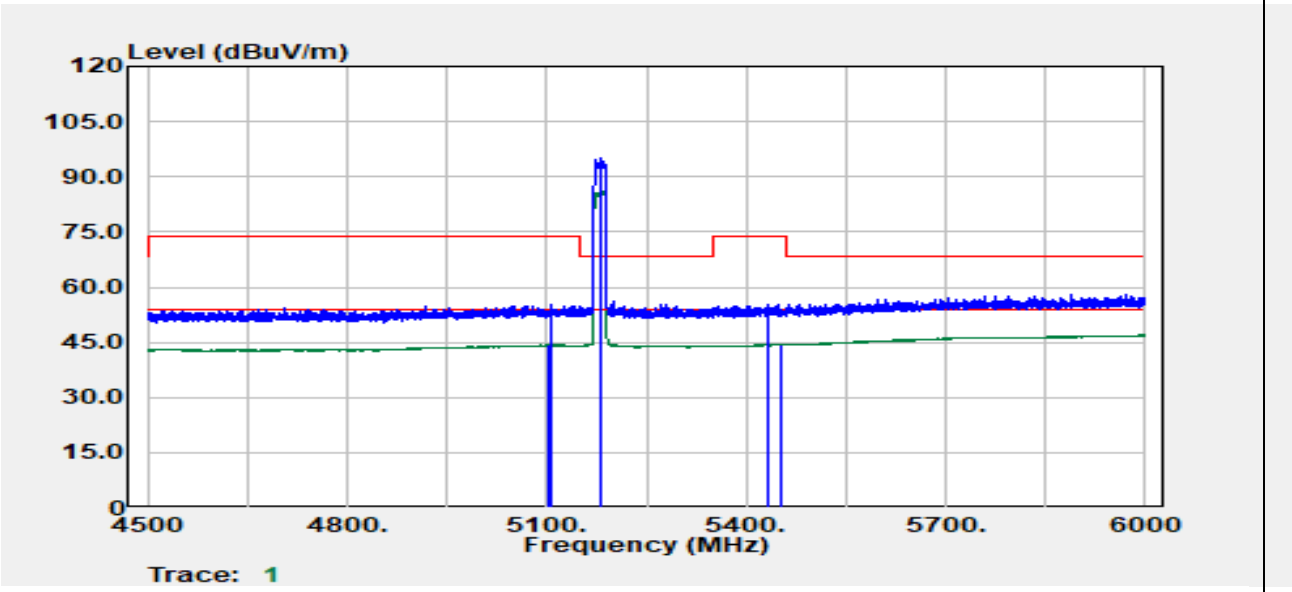
4.5.4 Test Result

Band Edge Test Data

Test Data for UNII-1

Test Mode	IEEE 802.11a / 5180 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5102.70	Average	27.37	16.88	44.26	54.00	-9.74
5106.30	Peak	38.29	16.88	55.17	74.00	-18.83
5180.00	Peak	77.97	17.00	94.97	- -	- -
5180.00	Average	69.67	17.00	86.67	- -	- -
5434.20	Peak	37.95	17.44	55.39	74.00	-18.61
5452.80	Average	27.03	17.49	44.52	54.00	-9.48

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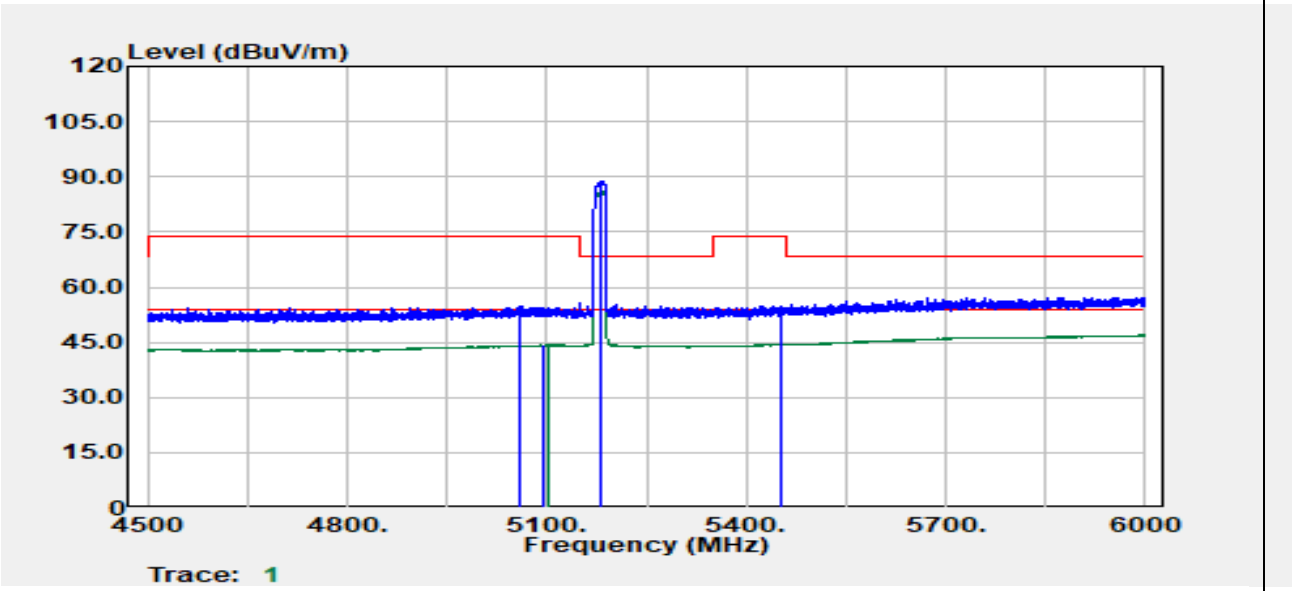
Test Mode	IEEE 802.11a / 5180 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5057.70	Peak	37.98	16.64	54.63	74.00	-19.37
5094.60	Average	27.36	16.85	44.21	54.00	-9.79
5180.00	Peak	71.81	17.00	88.81	- -	- -
5180.00	Average	64.41	17.00	81.41	- -	- -
5451.60	Average	27.05	17.49	44.54	54.00	-9.46
5452.50	Peak	37.33	17.49	54.82	74.00	-19.18

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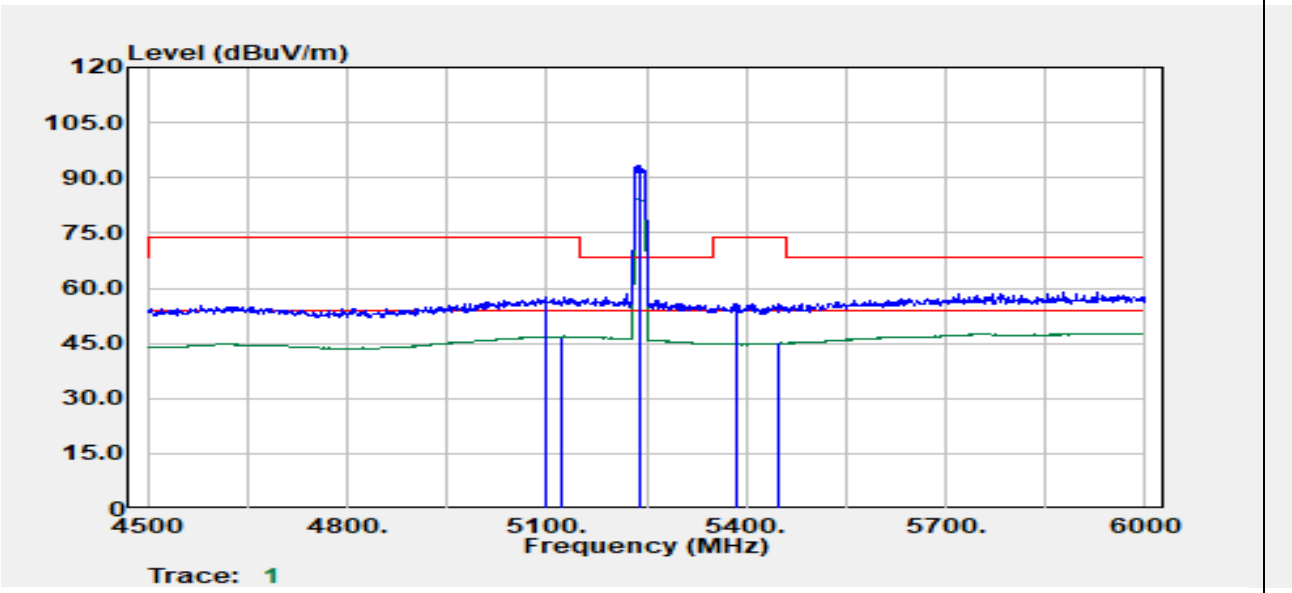
Test Mode	IEEE 802.11a / 5240 MHz	Temp/Hum	24.1(℃)/ 63%RH
Test Item	Band Edge	Test Date	November 23, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5097.00	Peak	40.68	16.86	57.54	74.00	-16.46
5122.50	Average	29.86	16.89	46.75	54.00	-7.25
5240.00	Peak	76.16	17.09	93.25	- -	- -
5240.00	Average	67.49	17.09	84.59	- -	- -
5386.50	Peak	38.40	17.30	55.70	74.00	-18.30
5449.50	Average	27.57	17.49	45.06	54.00	-8.94

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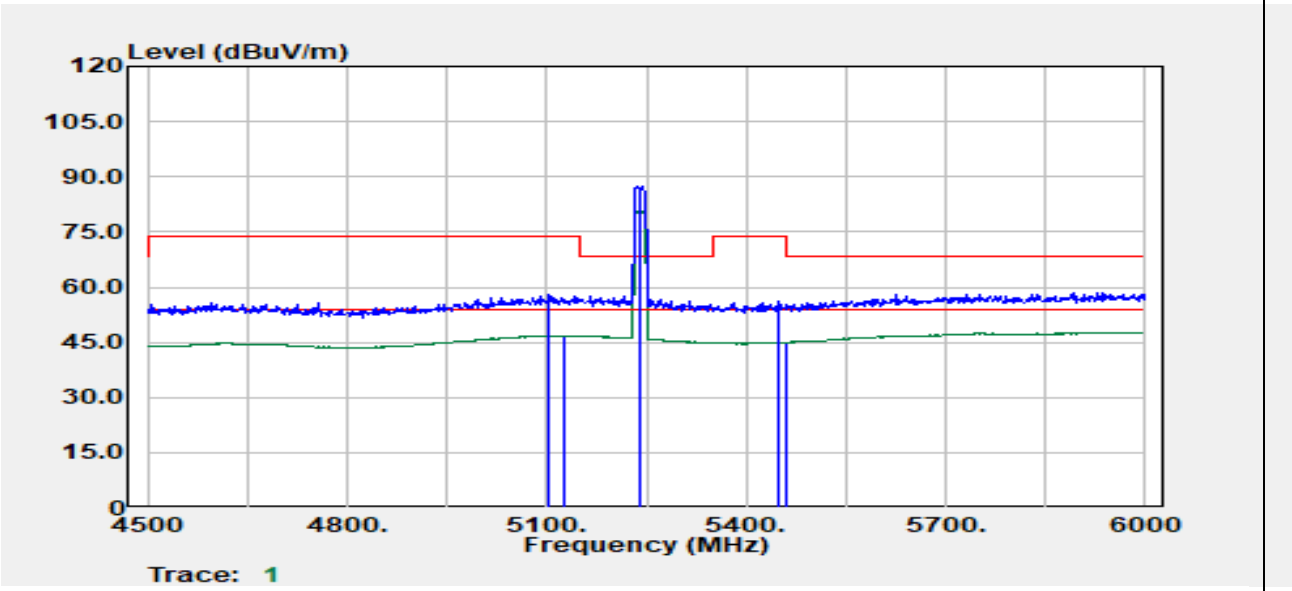
Test Mode	IEEE 802.11a / 5240 MHz	Temp/Hum	24.1(℃)/ 63%RH
Test Item	Band Edge	Test Date	November 23, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5104.50	Peak	41.25	16.88	58.13	74.00	-15.87
5127.00	Average	29.91	16.90	46.81	54.00	-7.19
5240.00	Peak	70.45	17.09	87.54	- -	- -
5240.00	Average	63.38	17.09	80.47	- -	- -
5446.50	Peak	38.89	17.48	56.37	74.00	-17.63
5458.50	Average	27.52	17.48	45.00	54.00	-9.00

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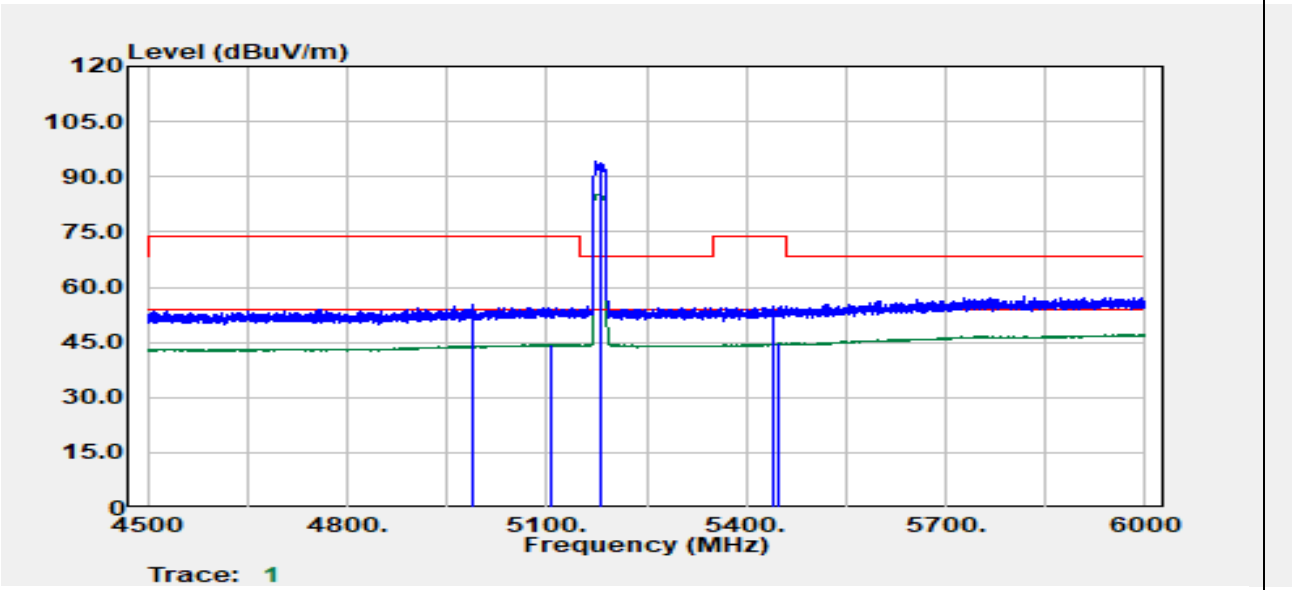
Test Mode	IEEE 802.11n HT20 / 5180 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4986.90	Peak	39.06	16.13	55.19	74.00	-18.81
5105.10	Average	27.54	16.88	44.43	54.00	-9.57
5180.00	Peak	77.26	17.00	94.26	- -	- -
5180.00	Average	68.19	17.00	85.19	- -	- -
5439.30	Peak	37.18	17.46	54.64	74.00	-19.36
5448.00	Average	27.20	17.48	44.68	54.00	-9.32

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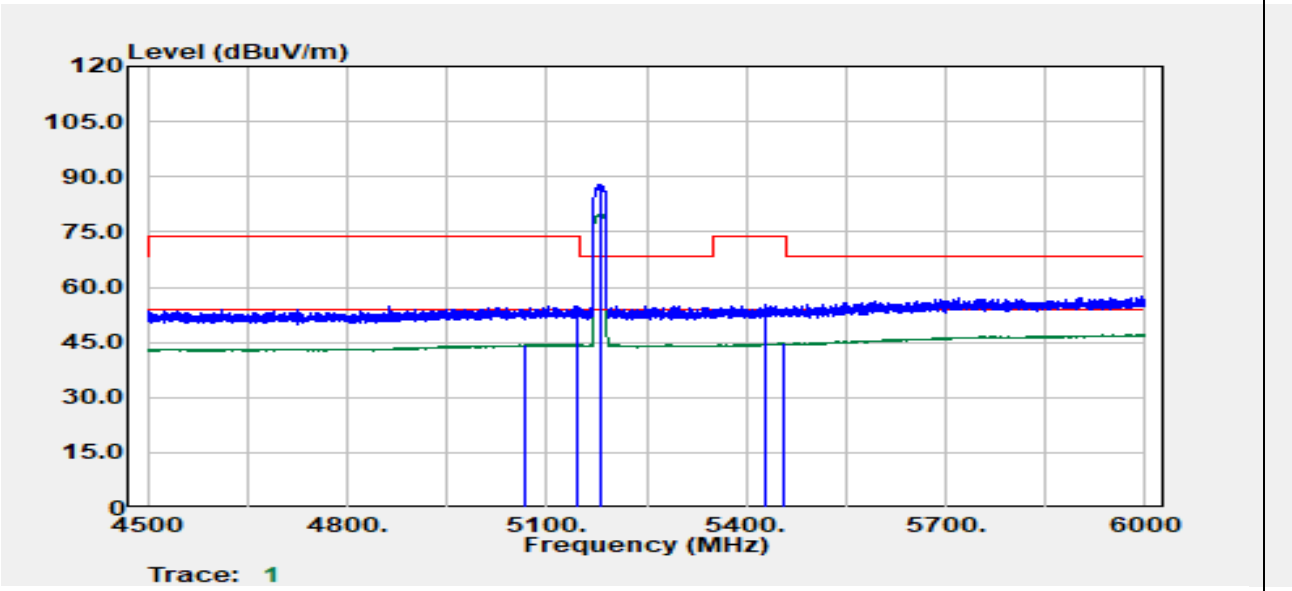
Test Mode	IEEE 802.11n HT20 / 5180 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5067.60	Average	27.66	16.70	44.36	54.00	-9.64
5144.10	Peak	37.90	16.91	54.81	74.00	-19.19
5180.00	Peak	70.83	17.00	87.83	- -	- -
5180.00	Average	62.62	17.00	79.62	- -	- -
5427.90	Peak	37.80	17.42	55.22	74.00	-18.78
5457.90	Average	27.21	17.48	44.69	54.00	-9.31

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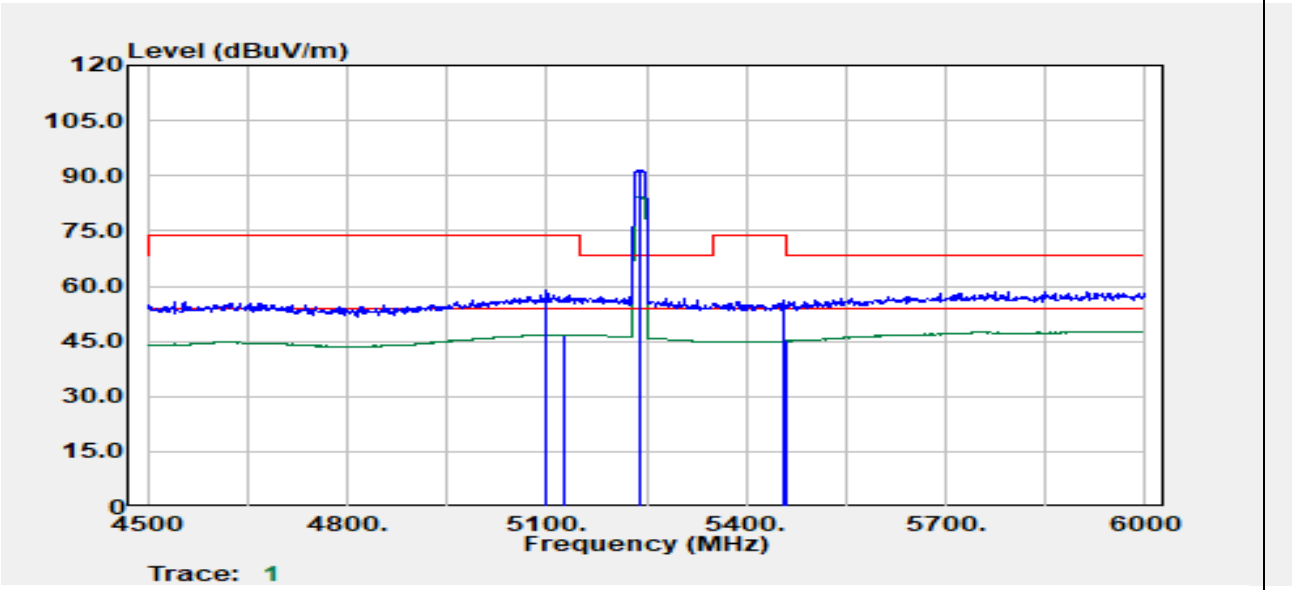
Test Mode	IEEE 802.11n HT20 / 5240 MHz	Temp/Hum	24.1(℃)/ 63%RH
Test Item	Band Edge	Test Date	November 23, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5098.50	Peak	42.00	16.87	58.87	74.00	-15.13
5125.50	Average	29.93	16.90	46.82	54.00	-7.18
5240.00	Peak	74.27	17.09	91.37	- -	- -
5240.00	Average	67.18	17.09	84.27	- -	- -
5457.00	Peak	38.76	17.48	56.25	74.00	-17.75
5460.00	Average	27.60	17.48	45.08	54.00	-8.92

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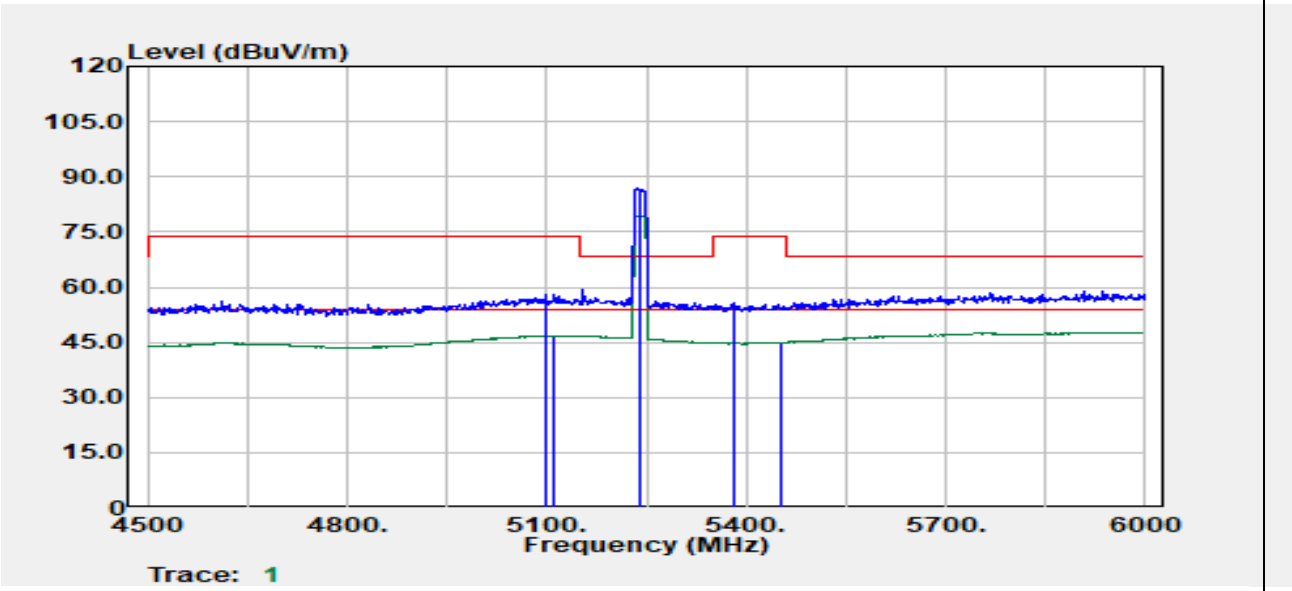
Test Mode	IEEE 802.11n HT20 / 5240 MHz	Temp/Hum	24.1(℃)/ 63%RH
Test Item	Band Edge	Test Date	November 23, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5098.50	Peak	41.13	16.87	58.00	74.00	-16.00
5112.00	Average	29.88	16.89	46.77	54.00	-7.23
5240.00	Peak	69.85	17.09	86.94	- -	- -
5240.00	Average	62.33	17.09	79.42	- -	- -
5380.50	Peak	38.30	17.29	55.59	74.00	-18.41
5452.50	Average	27.54	17.49	45.03	54.00	-8.97

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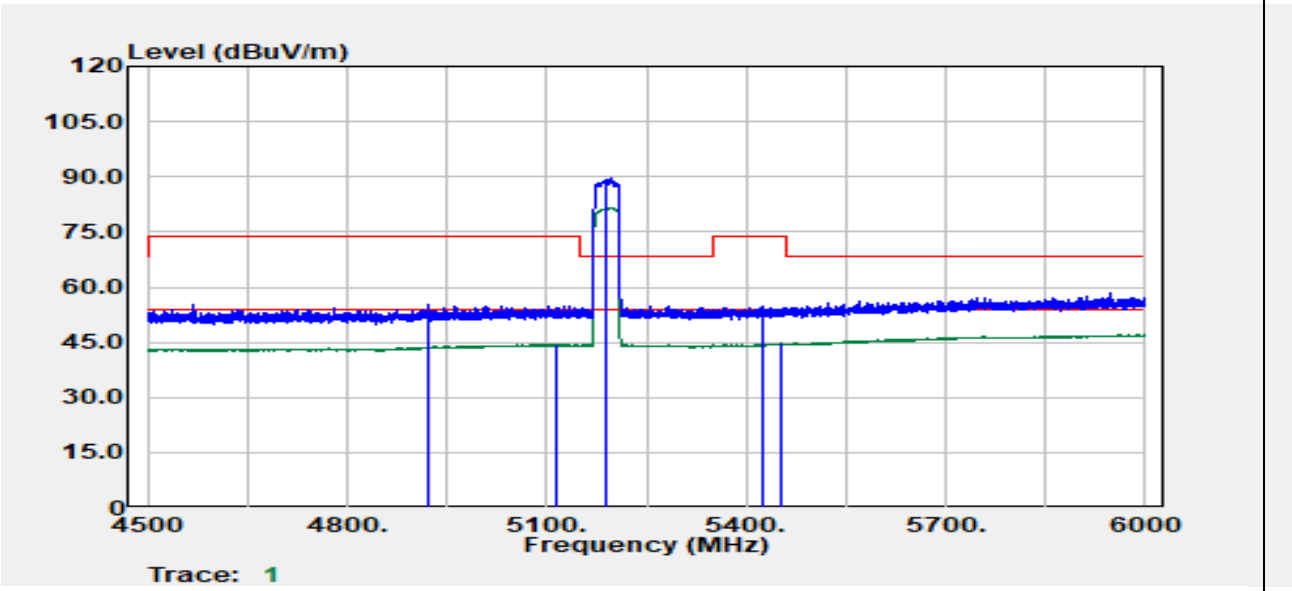
Test Mode	IEEE 802.11n HT40 / 5190 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4920.00	Peak	39.66	15.48	55.14	74.00	-18.86
5113.80	Average	27.42	16.89	44.30	54.00	-9.70
5190.00	Peak	72.55	17.03	89.58	- -	- -
5190.00	Average	64.54	17.03	81.57	- -	- -
5425.80	Peak	37.26	17.41	54.67	74.00	-19.33
5452.80	Average	27.16	17.49	44.65	54.00	-9.35

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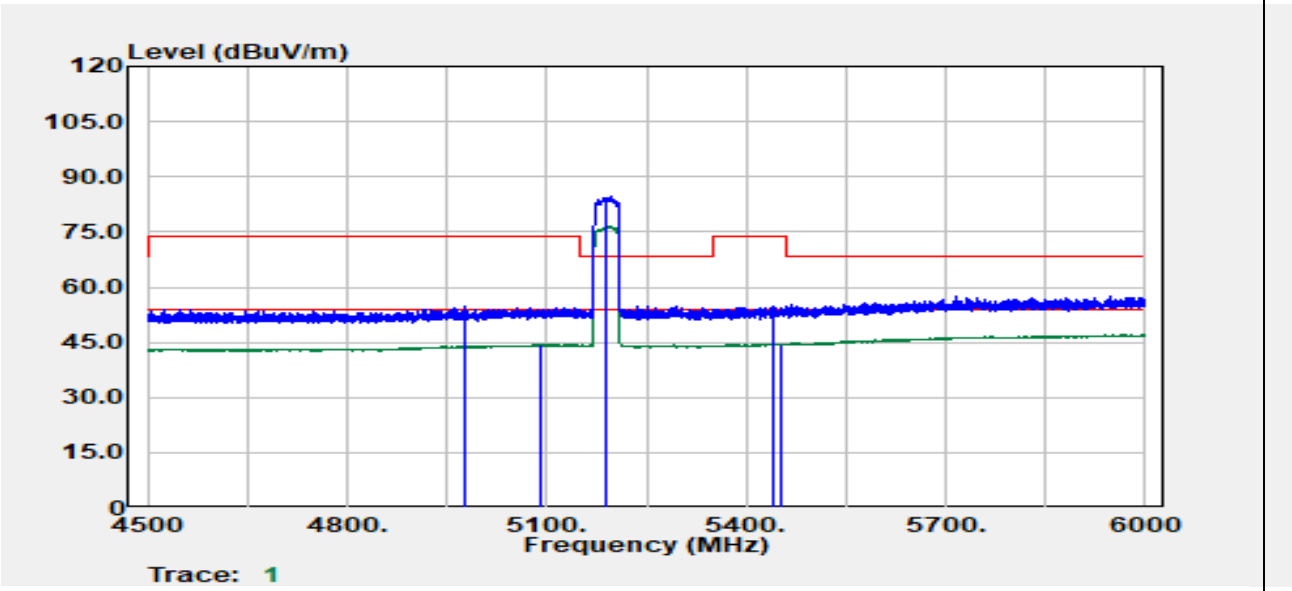
Test Mode	IEEE 802.11n HT40 / 5190 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4975.80	Peak	38.61	16.04	54.65	74.00	-19.35
5092.50	Average	27.46	16.84	44.30	54.00	-9.70
5190.00	Peak	67.61	17.03	84.64	- -	- -
5190.00	Average	59.48	17.03	76.51	- -	- -
5440.50	Peak	37.42	17.46	54.88	74.00	-19.12
5454.30	Average	27.05	17.49	44.53	54.00	-9.47

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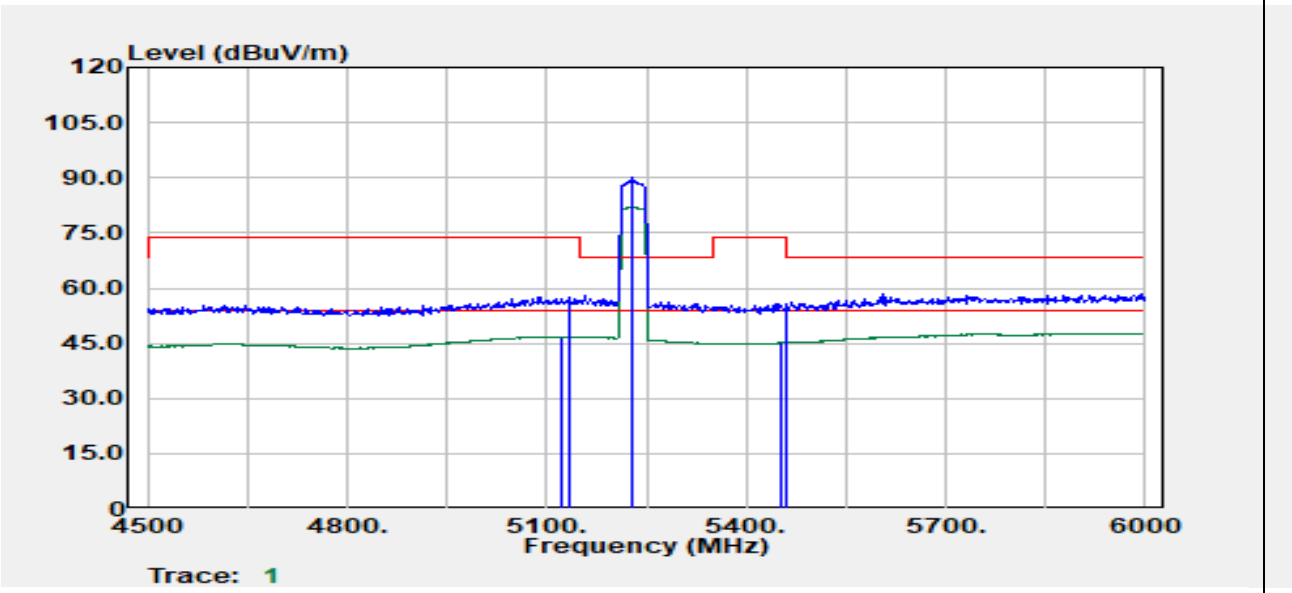
Test Mode	IEEE 802.11n HT40 / 5230 MHz	Temp/Hum	24.1(℃)/ 63%RH
Test Item	Band Edge	Test Date	November 23, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5121.00	Average	29.95	16.89	46.84	54.00	-7.16
5134.50	Peak	40.66	16.90	57.56	74.00	-16.44
5230.00	Peak	73.05	17.08	90.14	- -	- -
5230.00	Average	65.34	17.08	82.43	- -	- -
5451.00	Average	27.65	17.49	45.14	54.00	-8.86
5460.00	Peak	38.25	17.48	55.73	68.20	-12.47

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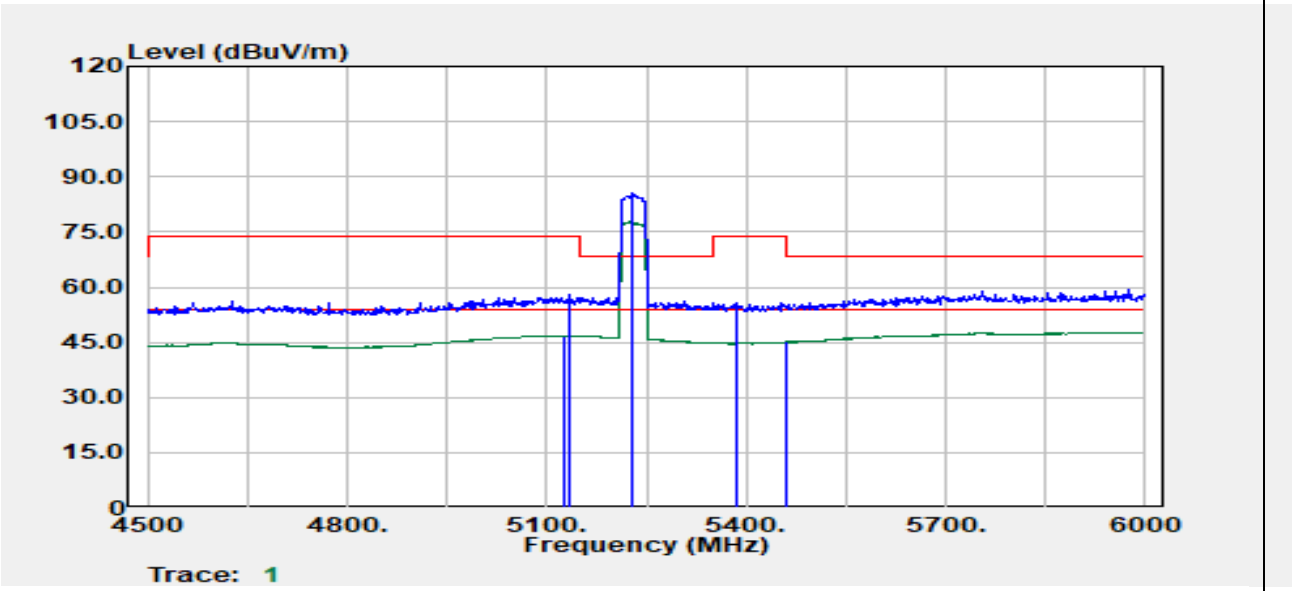
Test Mode	IEEE 802.11n HT40 / 5230 MHz	Temp/Hum	24.1(℃)/ 63%RH
Test Item	Band Edge	Test Date	November 23, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5125.50	Average	29.89	16.90	46.78	54.00	-7.22
5136.00	Peak	40.87	16.90	57.77	74.00	-16.23
5230.00	Peak	68.64	17.08	85.73	- -	- -
5230.00	Average	60.74	17.08	77.83	- -	- -
5385.00	Peak	38.46	17.30	55.76	74.00	-18.24
5458.50	Average	27.60	17.48	45.08	54.00	-8.92

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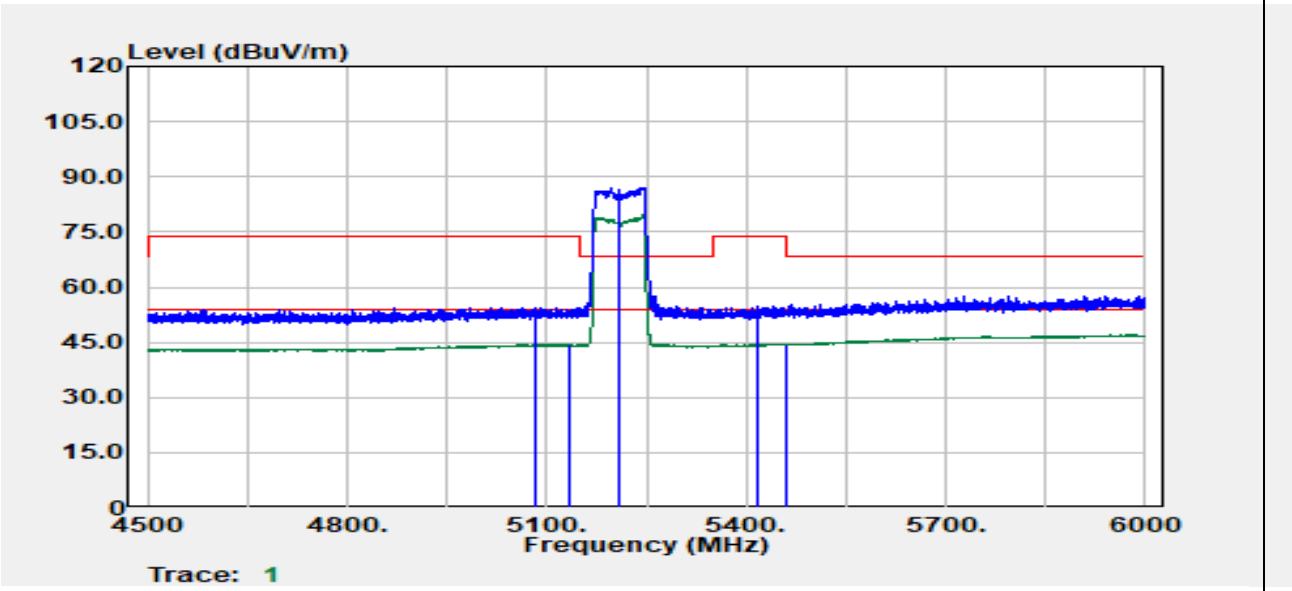
Test Mode	IEEE 802.11ac VHT80 / 5210 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5084.10	Peak	37.70	16.79	54.49	74.00	-19.51
5132.40	Average	27.42	16.90	44.32	54.00	-9.68
5210.00	Peak	70.09	17.07	87.15	- -	- -
5210.00	Average	62.41	17.07	79.48	- -	- -
5415.60	Peak	37.20	17.38	54.58	74.00	-19.42
5459.10	Average	27.06	17.48	44.55	54.00	-9.45

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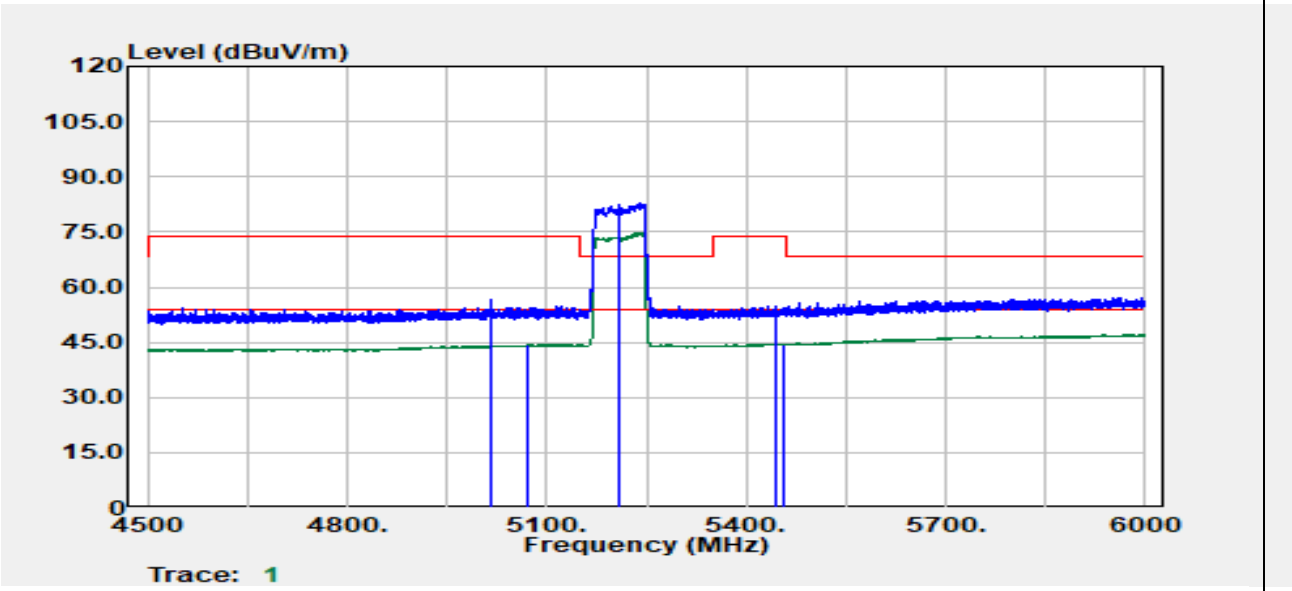
Test Mode	IEEE 802.11ac VHT80 / 5210 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5017.20	Peak	40.05	16.36	56.41	74.00	-17.59
5072.10	Average	27.60	16.72	44.33	54.00	-9.67
5210.00	Peak	65.93	17.07	82.99	- -	- -
5210.00	Average	57.55	17.07	74.62	- -	- -
5445.60	Peak	37.37	17.48	54.84	74.00	-19.16
5455.50	Average	27.12	17.49	44.60	54.00	-9.40

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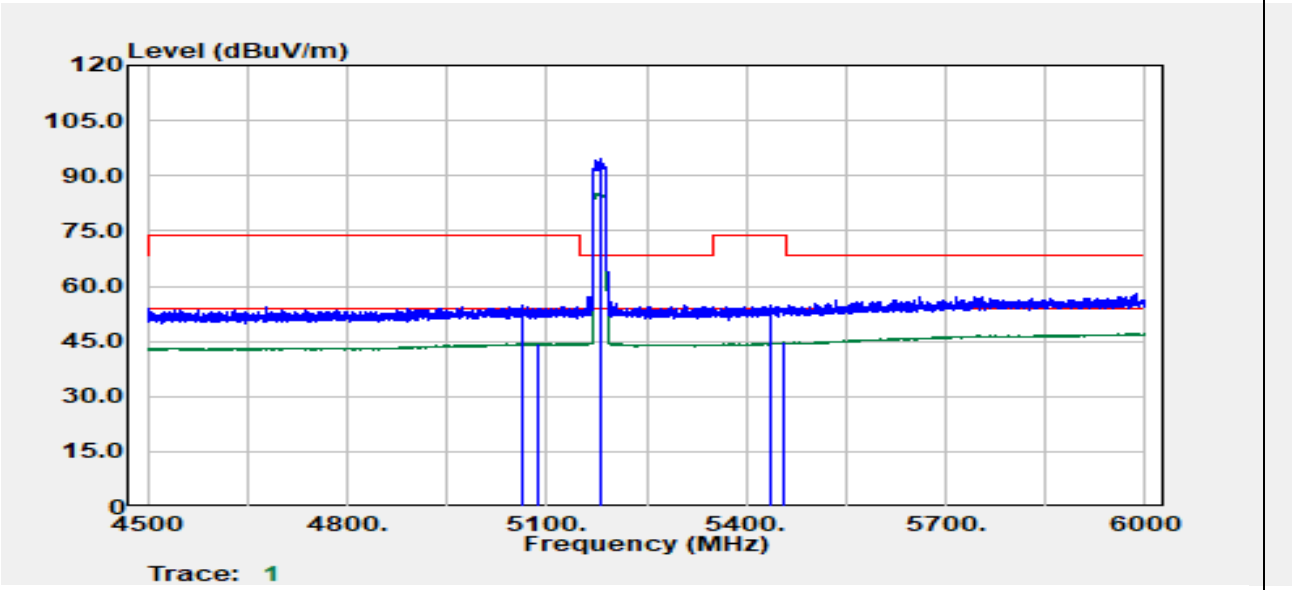
Test Mode	IEEE 802.11ax HE20 / 5180 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5061.90	Peak	38.02	16.67	54.69	74.00	-19.31
5085.90	Average	27.60	16.80	44.41	54.00	-9.59
5180.00	Peak	77.69	17.00	94.69	- -	- -
5180.00	Average	68.19	17.00	85.19	- -	- -
5437.20	Peak	37.12	17.45	54.57	74.00	-19.43
5457.30	Average	27.12	17.48	44.61	54.00	-9.39

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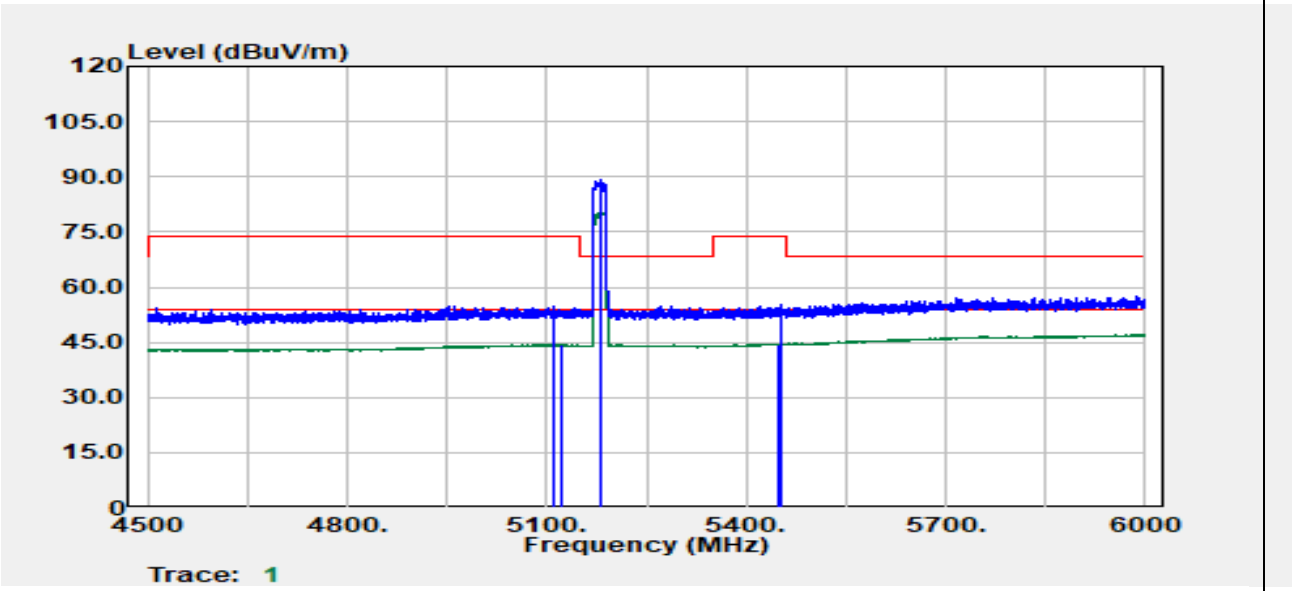
Test Mode	IEEE 802.11ax HE20 / 5180 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5109.60	Peak	37.93	16.89	54.82	74.00	-19.18
5121.90	Average	27.41	16.89	44.30	54.00	-9.70
5180.00	Peak	72.11	17.00	89.11	- -	- -
5180.00	Average	63.35	17.00	80.35	- -	- -
5449.50	Average	27.10	17.49	44.59	54.00	-9.41
5454.00	Peak	37.72	17.49	55.21	74.00	-18.79

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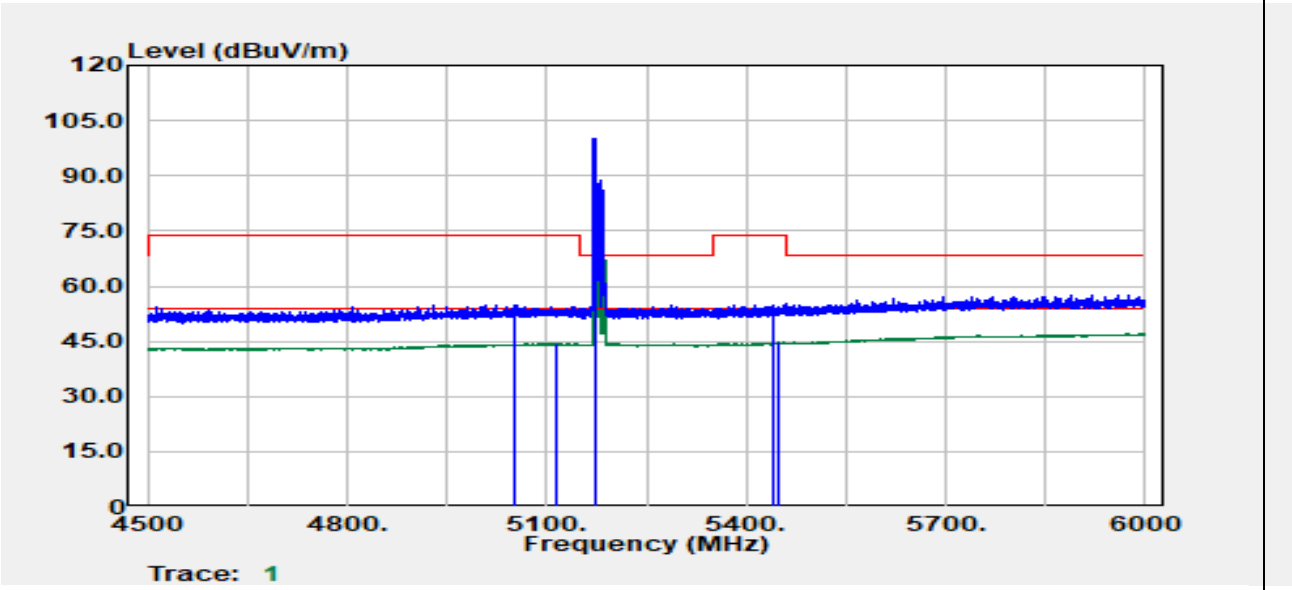
Test Mode	IEEE 802.11ax HE20 (26/0) / 5180 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5051.70	Peak	38.35	16.61	54.96	74.00	-19.04
5115.60	Average	27.45	16.89	44.34	54.00	-9.66
5171.70	Peak	83.28	16.98	100.26	- -	- -
5171.70	Average	75.39	16.98	92.36	- -	- -
5438.70	Peak	37.53	17.45	54.98	74.00	-19.02
5449.50	Average	27.14	17.49	44.63	54.00	-9.37

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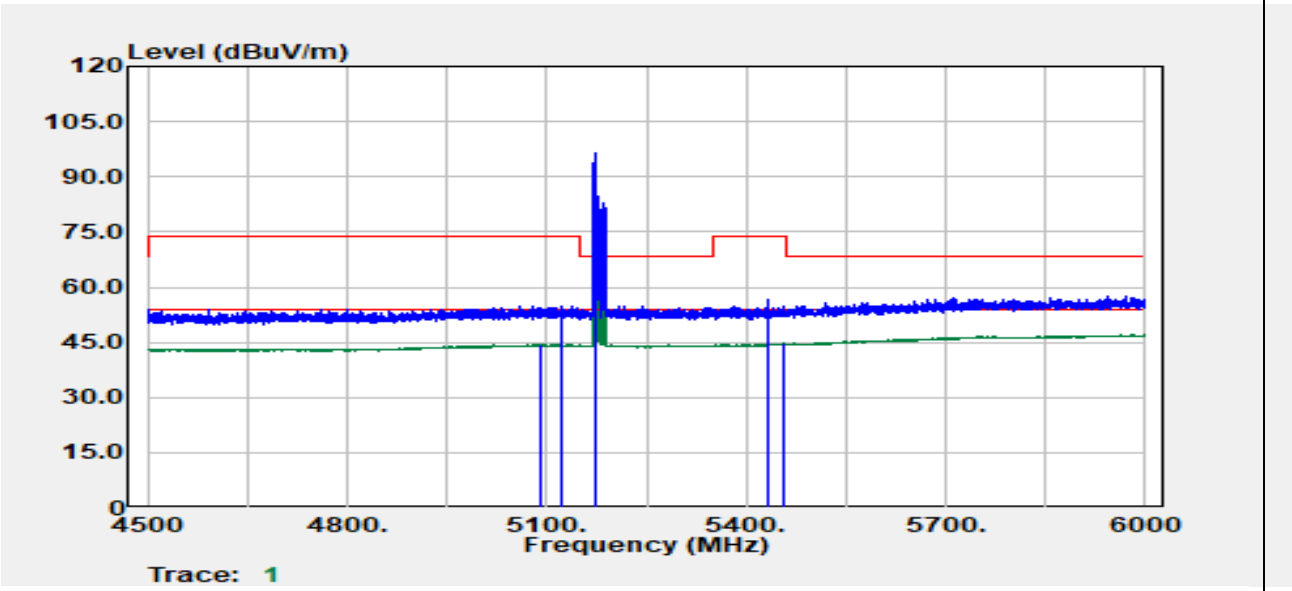
Test Mode	IEEE 802.11ax HE20 (26/0) / 5180 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5091.30	Average	27.47	16.83	44.30	54.00	-9.70
5121.90	Peak	38.03	16.89	54.92	74.00	-19.08
5171.70	Average	69.50	16.98	86.48	- -	- -
5172.00	Peak	79.55	16.98	96.53	- -	- -
5434.20	Peak	39.38	17.44	56.82	74.00	-17.18
5457.00	Average	27.24	17.48	44.72	54.00	-9.28

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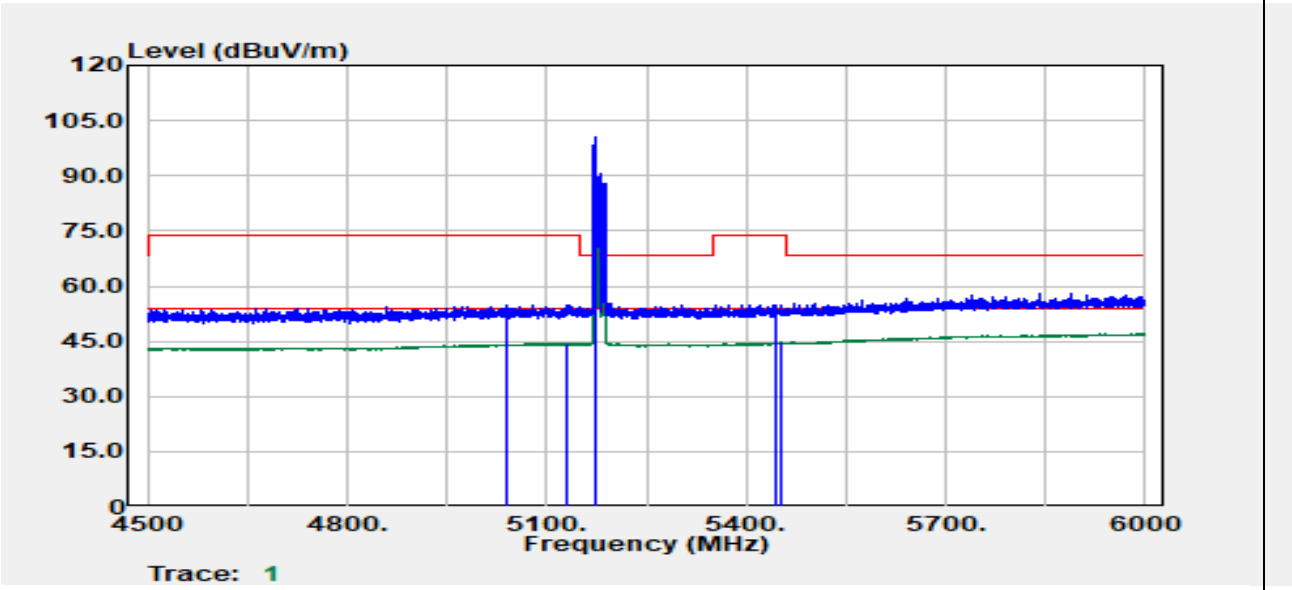
Test Mode	IEEE 802.11ax HE20 (52/37) / 5180 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5039.10	Peak	38.18	16.52	54.70	74.00	-19.30
5130.90	Average	27.44	16.90	44.34	54.00	-9.66
5172.60	Peak	83.43	16.98	100.41	- -	- -
5172.60	Average	74.16	16.98	91.14	- -	- -
5444.70	Peak	37.52	17.47	54.99	74.00	-19.01
5452.20	Average	27.15	17.49	44.64	54.00	-9.36

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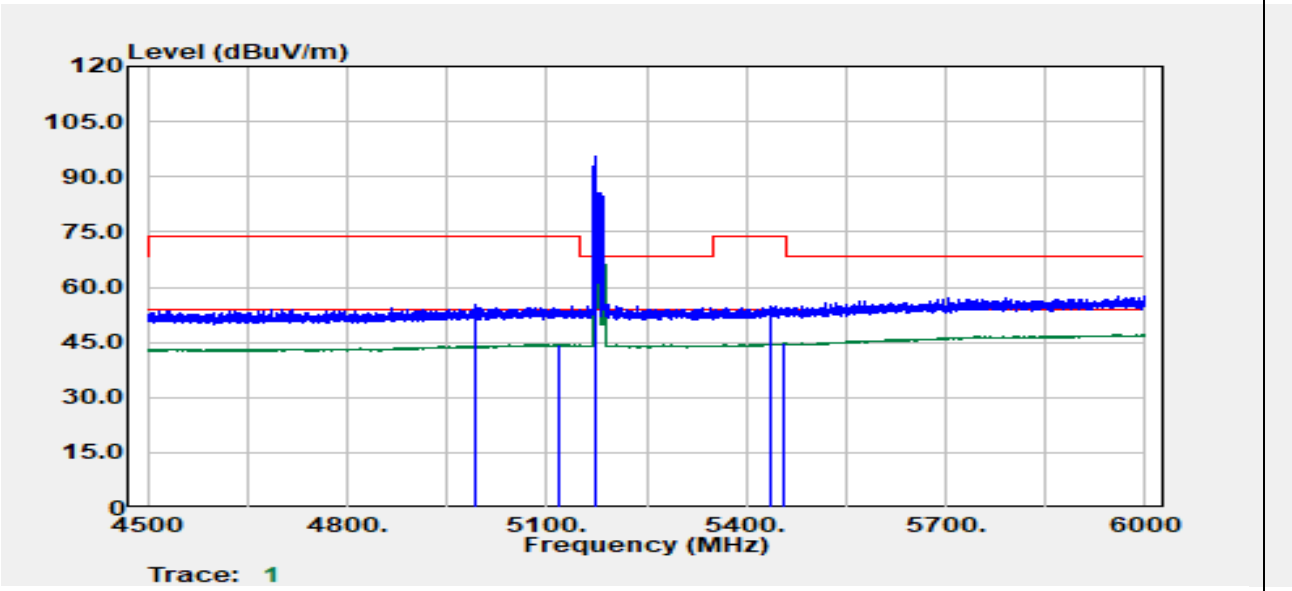
Test Mode	IEEE 802.11ax HE20 (52/37) / 5180 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4990.80	Peak	39.16	16.16	55.32	74.00	-18.68
5119.80	Average	27.38	16.89	44.28	54.00	-9.72
5172.90	Peak	78.37	16.98	95.35	- -	- -
5172.90	Average	68.77	16.98	85.75	- -	- -
5436.60	Peak	37.29	17.45	54.74	74.00	-19.26
5458.20	Average	27.18	17.48	44.66	54.00	-9.34

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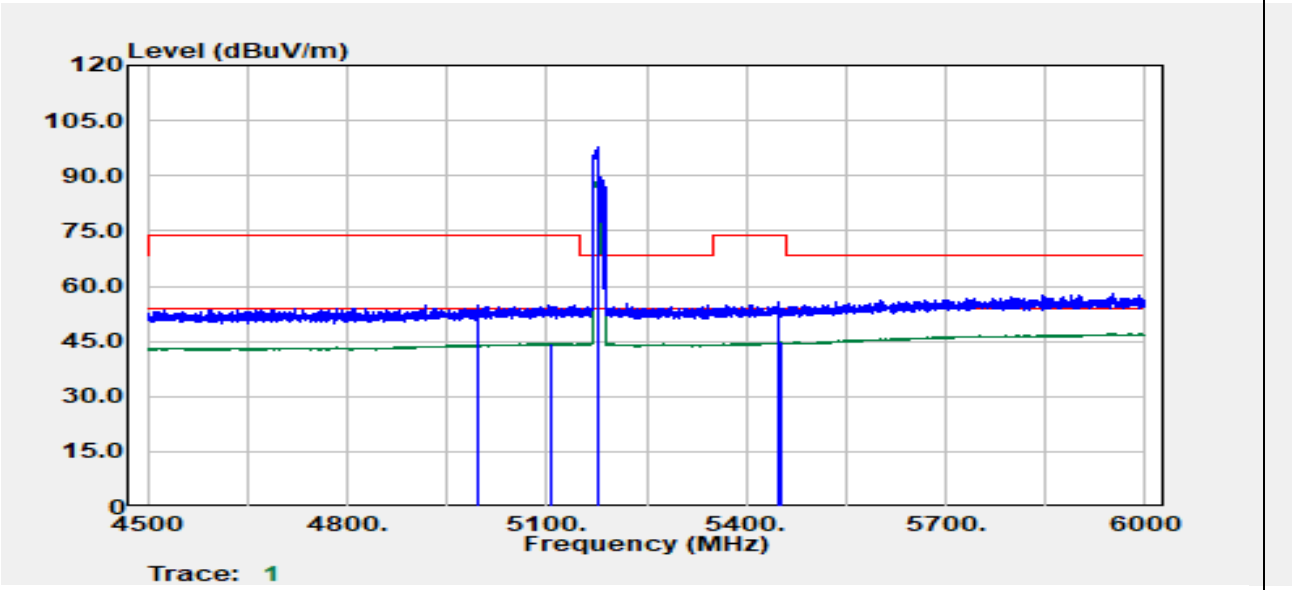
Test Mode	IEEE 802.11ax HE20 (106/53) / 5180 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4996.80	Peak	38.72	16.21	54.93	74.00	-19.07
5106.60	Average	27.48	16.88	44.36	54.00	-9.64
5176.50	Peak	80.94	16.99	97.93	- -	- -
5176.50	Average	71.36	16.99	88.35	- -	- -
5449.80	Peak	38.00	17.49	55.49	74.00	-18.51
5451.30	Average	27.20	17.49	44.69	54.00	-9.31

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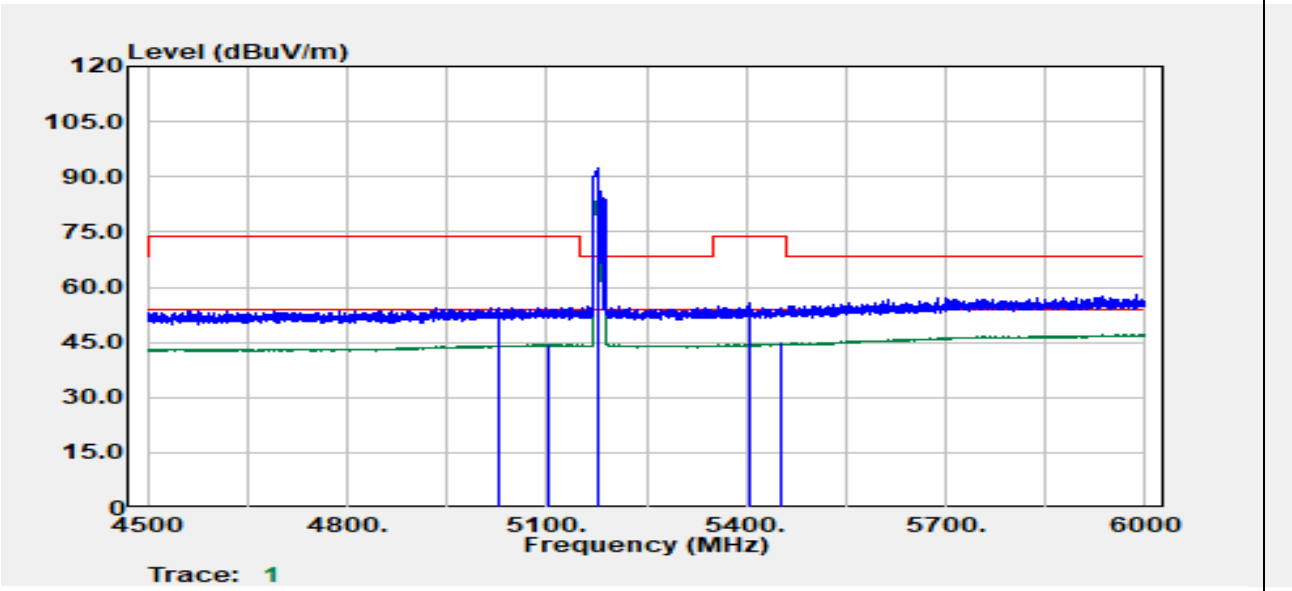
Test Mode	IEEE 802.11ax HE20 (106/53) / 5180 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5027.70	Peak	38.12	16.44	54.56	74.00	-19.44
5101.80	Average	27.54	16.88	44.42	54.00	-9.58
5176.80	Peak	75.46	16.99	92.45	- -	- -
5176.80	Average	66.33	16.99	83.32	- -	- -
5403.60	Peak	38.35	17.34	55.69	74.00	-18.31
5453.70	Average	27.15	17.49	44.64	54.00	-9.36

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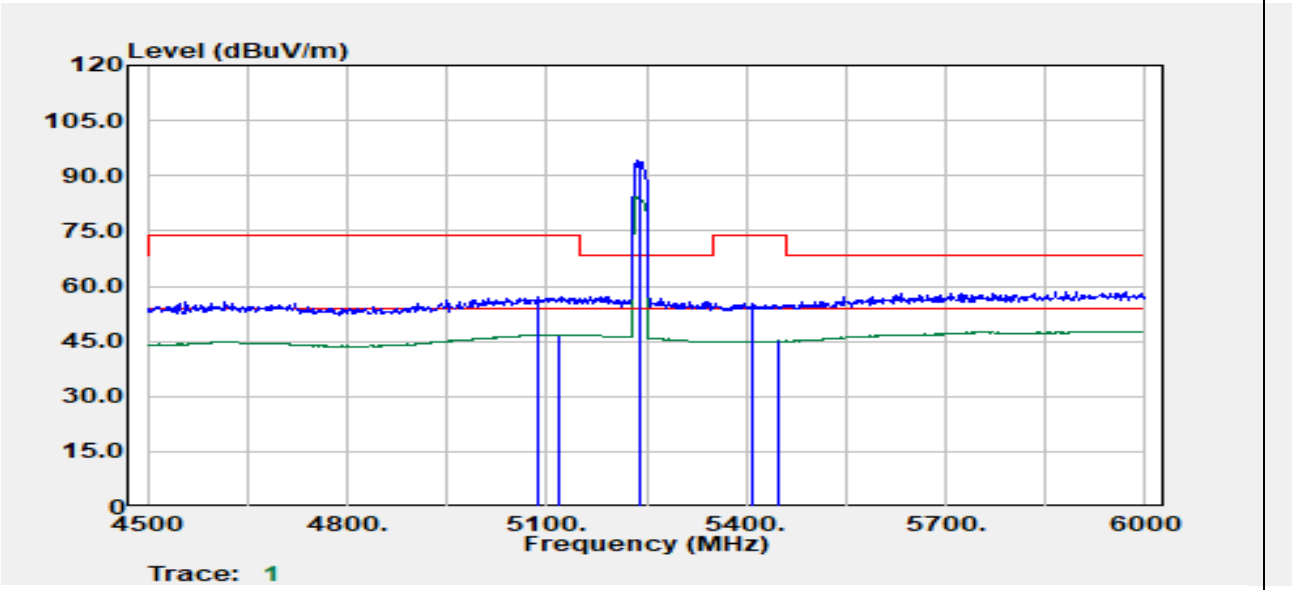
Test Mode	IEEE 802.11ax HE20 / 5240 MHz	Temp/Hum	24.1(℃)/ 63%RH
Test Item	Band Edge	Test Date	November 23, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5088.00	Peak	40.13	16.81	56.95	74.00	-17.05
5119.50	Average	29.88	16.89	46.77	54.00	-7.23
5240.00	Peak	77.16	17.09	94.26	- -	- -
5240.00	Average	66.93	17.09	84.03	- -	- -
5409.00	Peak	37.86	17.36	55.22	74.00	-18.78
5449.50	Average	27.60	17.49	45.08	54.00	-8.92

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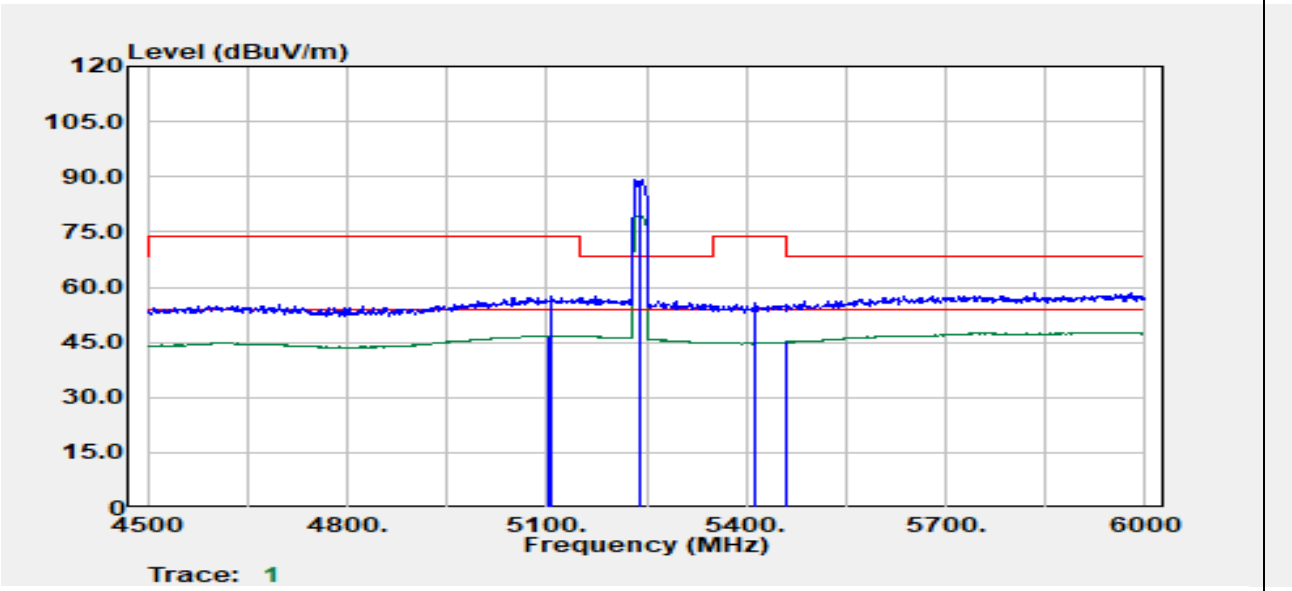
Test Mode	IEEE 802.11ax HE20 / 5240 MHz	Temp/Hum	24.1(℃)/ 63%RH
Test Item	Band Edge	Test Date	November 23, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5103.00	Average	29.89	16.88	46.77	54.00	-7.23
5107.50	Peak	40.81	16.88	57.70	74.00	-16.30
5240.00	Peak	72.34	17.09	89.43	- -	- -
5240.00	Average	62.19	17.09	79.28	- -	- -
5415.00	Peak	38.12	17.38	55.50	74.00	-18.50
5458.50	Average	27.57	17.48	45.06	54.00	-8.94

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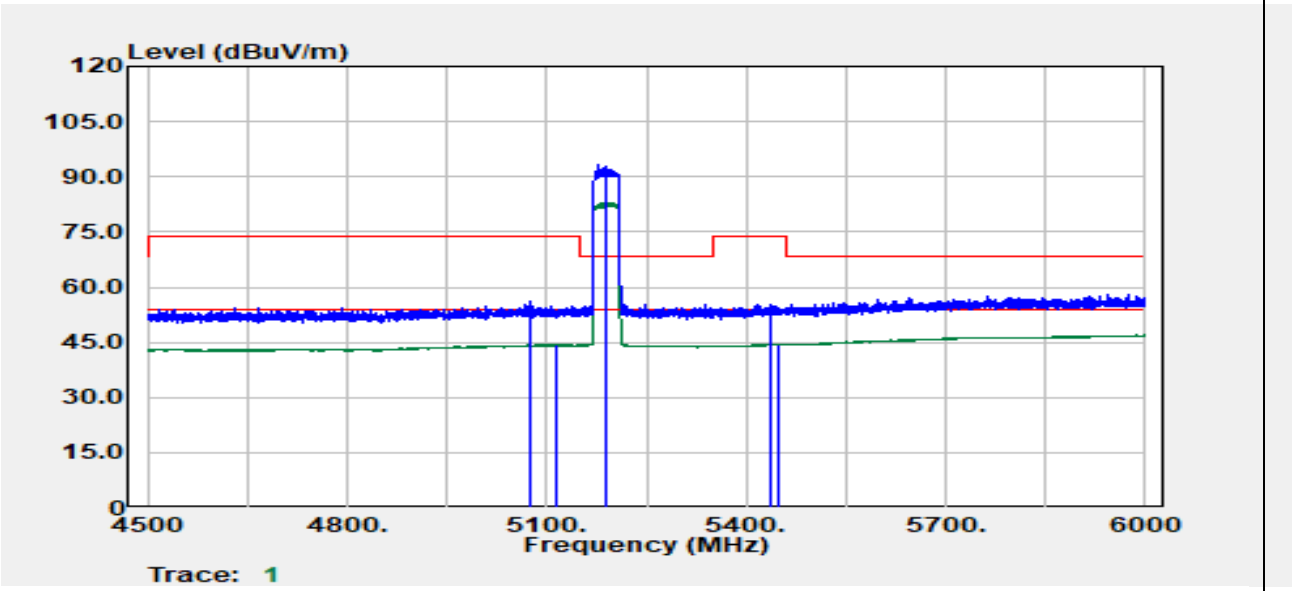
Test Mode	IEEE 802.11ax HE40 / 5190 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Band Edge	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5074.50	Peak	39.34	16.74	56.08	74.00	-17.92
5113.80	Average	27.42	16.89	44.31	54.00	-9.69
5190.00	Peak	76.34	17.03	93.37	- -	- -
5190.00	Average	65.95	17.03	82.98	- -	- -
5438.40	Peak	37.63	17.45	55.09	74.00	-18.91
5449.20	Average	27.07	17.49	44.56	54.00	-9.44

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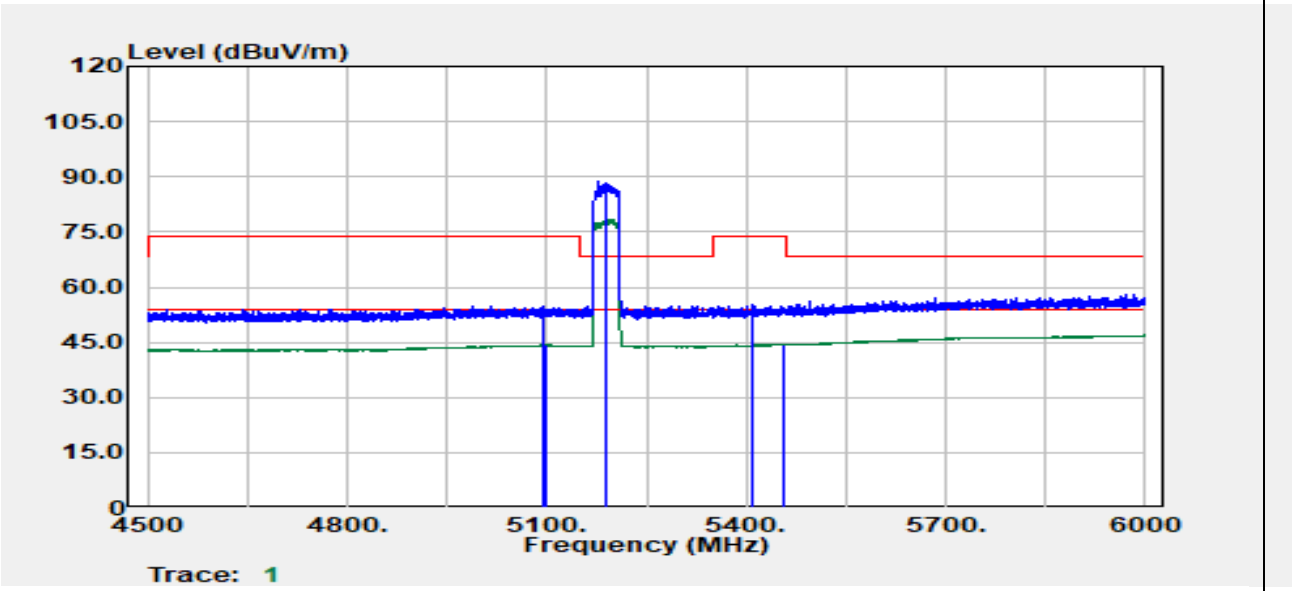
Test Mode	IEEE 802.11ax HE40 / 5190 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Band Edge	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5094.90	Peak	38.07	16.85	54.92	74.00	-19.08
5097.30	Average	27.32	16.86	44.18	54.00	-9.82
5190.00	Peak	71.68	17.03	88.71	- -	- -
5190.00	Average	61.45	17.03	78.48	- -	- -
5408.10	Peak	38.08	17.36	55.44	74.00	-18.56
5455.20	Average	26.99	17.49	44.48	54.00	-9.52

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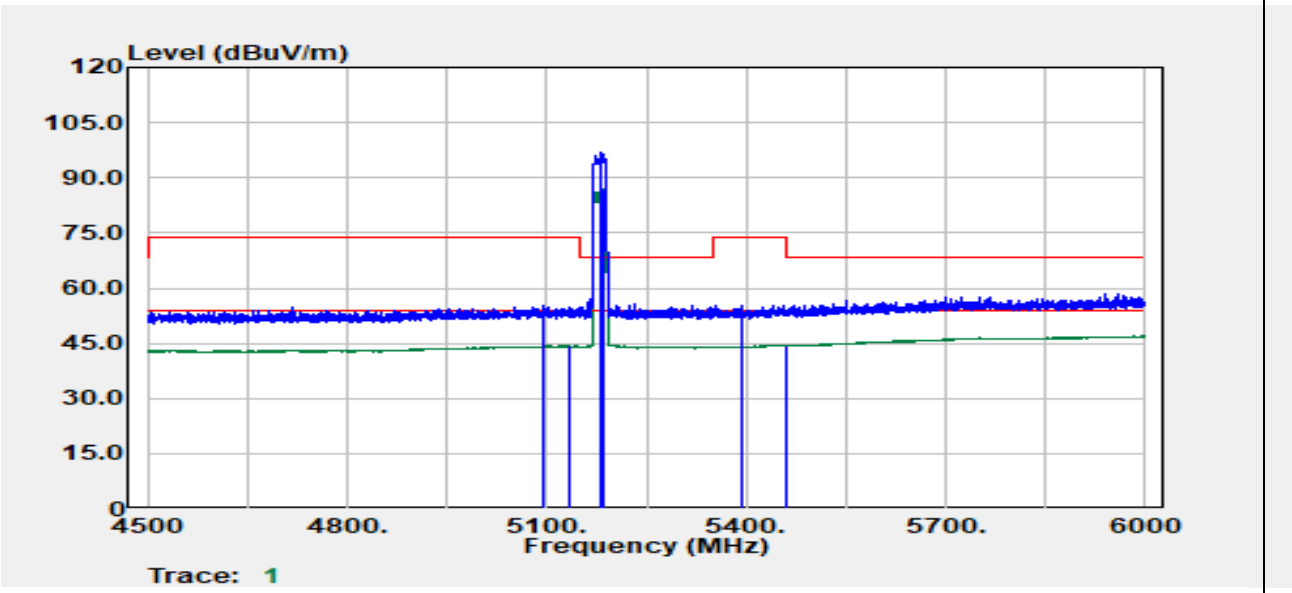
Test Mode	IEEE 802.11ax HE40 (242/61) / 5190 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Band Edge	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5093.70	Peak	38.46	16.84	55.31	74.00	-18.69
5135.70	Average	27.33	16.90	44.23	54.00	-9.77
5182.80	Peak	80.03	17.01	97.04	- -	- -
5186.40	Average	69.70	17.02	86.72	- -	- -
5393.70	Peak	37.97	17.32	55.28	74.00	-18.72
5459.40	Average	27.02	17.48	44.50	54.00	-9.50

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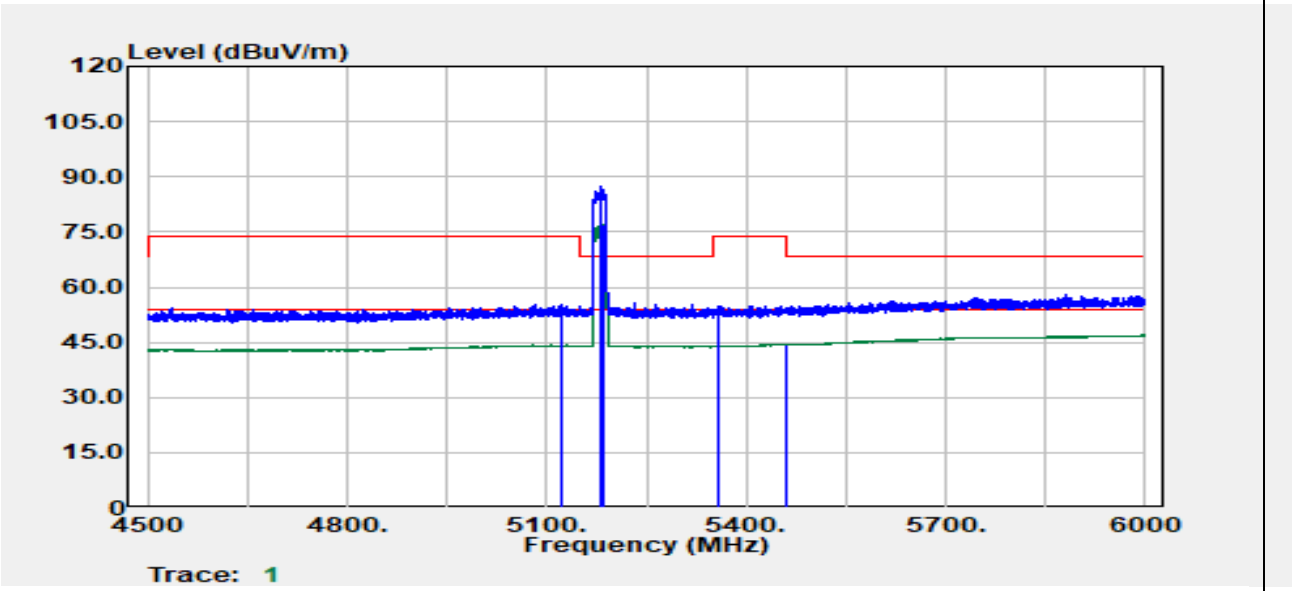
Test Mode	IEEE 802.11ax HE40 (242/61) / 5190 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Band Edge	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5120.70	Peak	38.34	16.89	55.23	74.00	-18.77
5121.90	Average	27.29	16.89	44.18	54.00	-9.82
5183.10	Peak	70.32	17.01	87.33	- -	- -
5185.50	Average	59.87	17.02	76.88	- -	- -
5359.80	Peak	37.62	17.25	54.87	74.00	-19.13
5459.70	Average	26.99	17.48	44.48	54.00	-9.52

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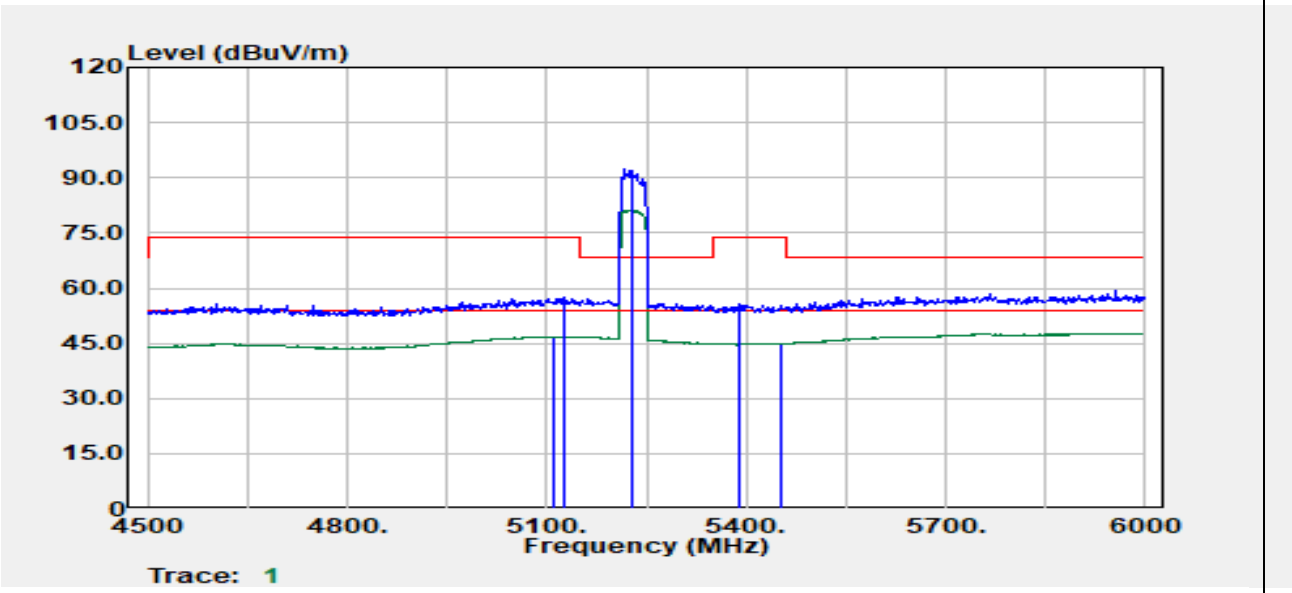
Test Mode	IEEE 802.11ax HE40 / 5230 MHz	Temp/Hum	24.1(℃)/ 63%RH
Test Item	Band Edge	Test Date	November 23, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5112.00	Average	29.94	16.89	46.83	54.00	-7.17
5127.00	Peak	40.47	16.90	57.37	74.00	-16.63
5230.00	Peak	75.47	17.08	92.56	- -	- -
5230.00	Average	64.17	17.08	81.26	- -	- -
5391.00	Peak	38.32	17.31	55.64	74.00	-18.36
5454.00	Average	27.54	17.49	45.03	54.00	-8.97

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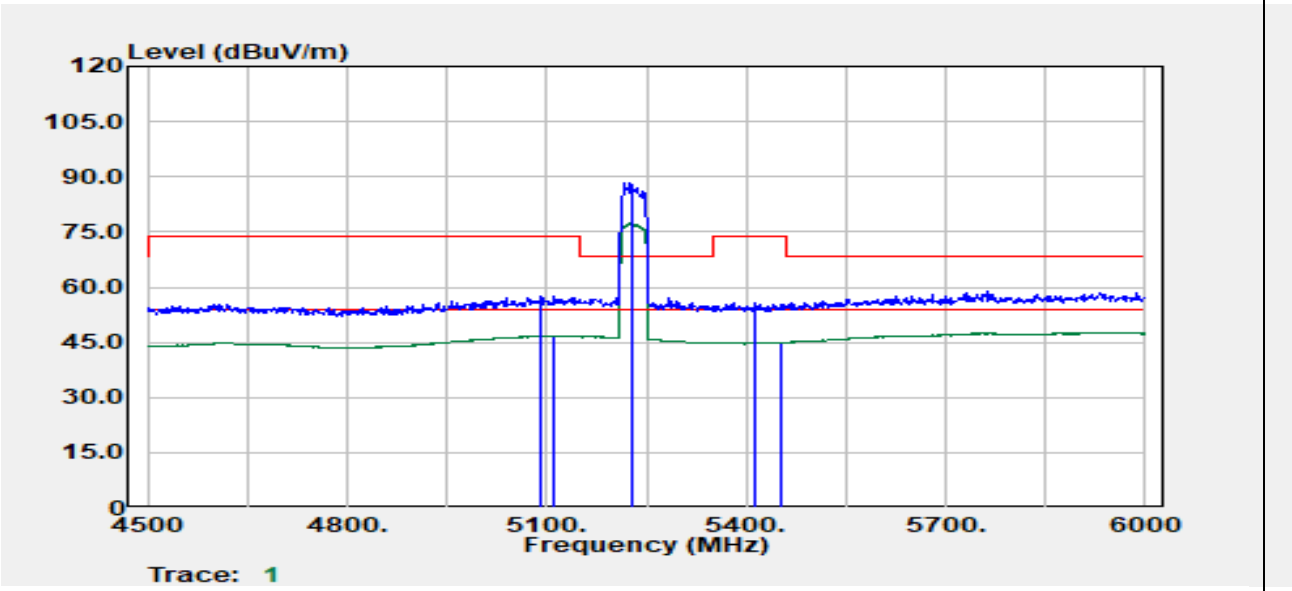
Test Mode	IEEE 802.11ax HE40 / 5230 MHz	Temp/Hum	24.1(℃)/ 63%RH
Test Item	Band Edge	Test Date	November 23, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5091.00	Peak	40.54	16.83	57.37	74.00	-16.63
5110.50	Average	29.88	16.89	46.77	54.00	-7.23
5230.00	Peak	71.37	17.08	88.46	- -	- -
5230.00	Average	60.23	17.08	77.31	- -	- -
5413.50	Peak	38.22	17.37	55.60	74.00	-18.40
5452.50	Average	27.56	17.49	45.04	54.00	-8.96

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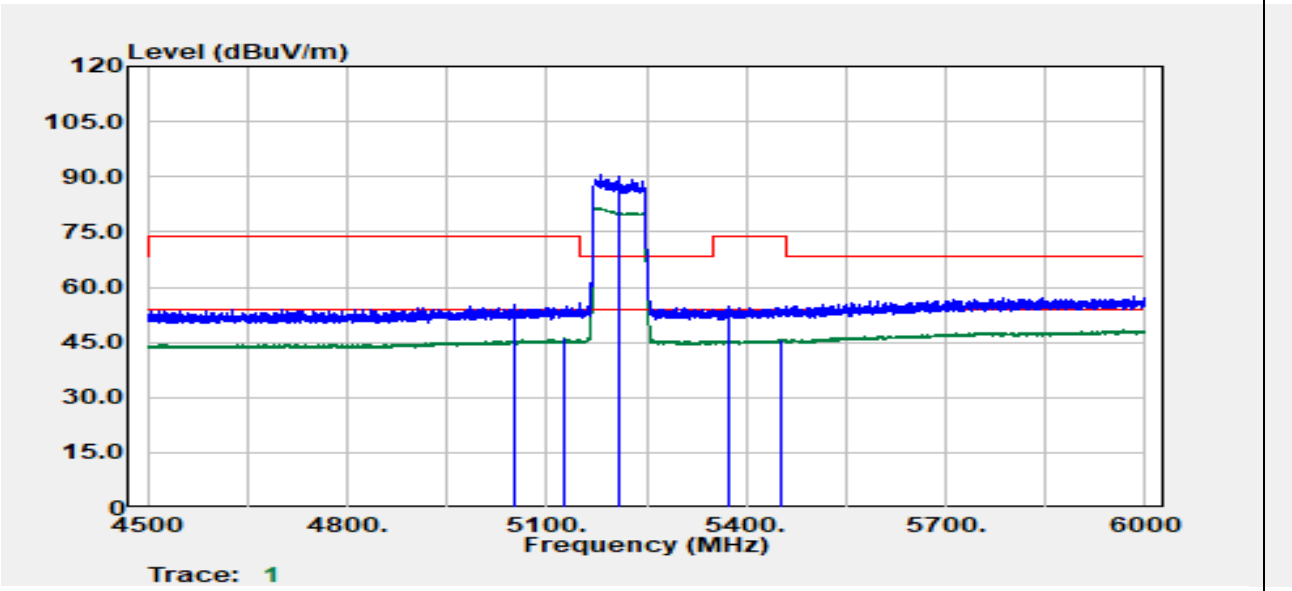
Test Mode	IEEE 802.11ax HE80 / 5210 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Band Edge	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5053.20	Peak	38.63	16.62	55.25	74.00	-18.75
5127.60	Average	29.08	16.90	45.97	54.00	-8.03
5210.00	Peak	73.50	17.07	90.57	- -	- -
5210.00	Average	64.48	17.07	81.55	- -	- -
5373.30	Peak	37.44	17.28	54.72	74.00	-19.28
5452.50	Average	28.34	17.49	45.83	54.00	-8.17

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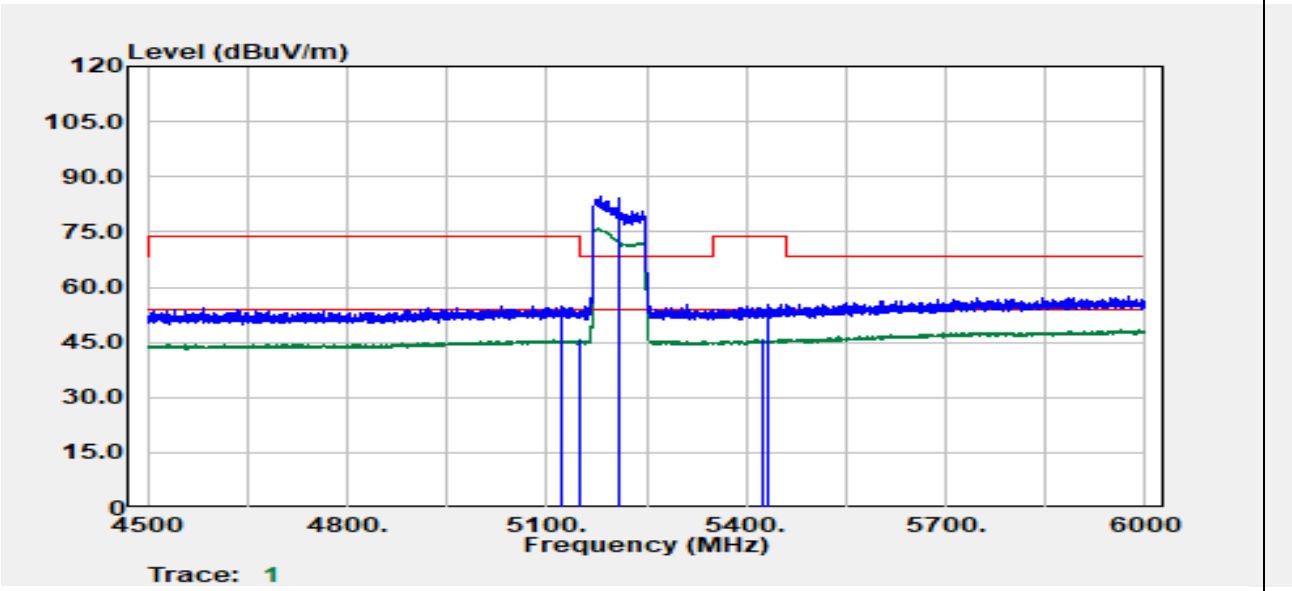
Test Mode	IEEE 802.11ax HE80 / 5210 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Band Edge	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5123.70	Peak	37.84	16.89	54.73	74.00	-19.27
5149.80	Average	28.77	16.91	45.68	54.00	-8.32
5210.00	Peak	67.77	17.07	84.84	- -	- -
5210.00	Average	58.82	17.07	75.88	- -	- -
5425.80	Average	28.44	17.41	45.86	54.00	-8.14
5432.70	Peak	37.98	17.43	55.42	74.00	-18.58

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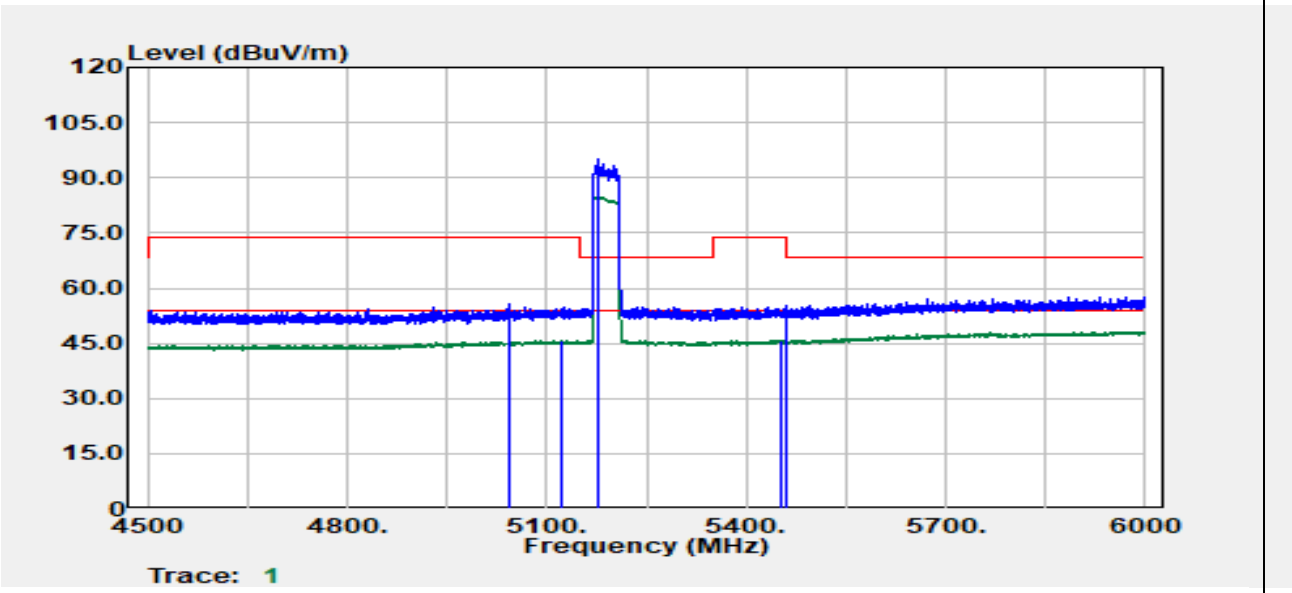
Test Mode	IEEE 802.11ax HE80 (484/65) / 5210 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Band Edge	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5041.80	Peak	39.01	16.54	55.55	74.00	-18.45
5121.30	Average	28.75	16.89	45.64	54.00	-8.36
5177.40	Average	67.95	16.99	84.94	- -	- -
5178.60	Peak	78.05	17.00	95.05	- -	- -
5453.40	Average	28.36	17.49	45.85	54.00	-8.15
5459.70	Peak	37.56	17.48	55.04	74.00	-18.96

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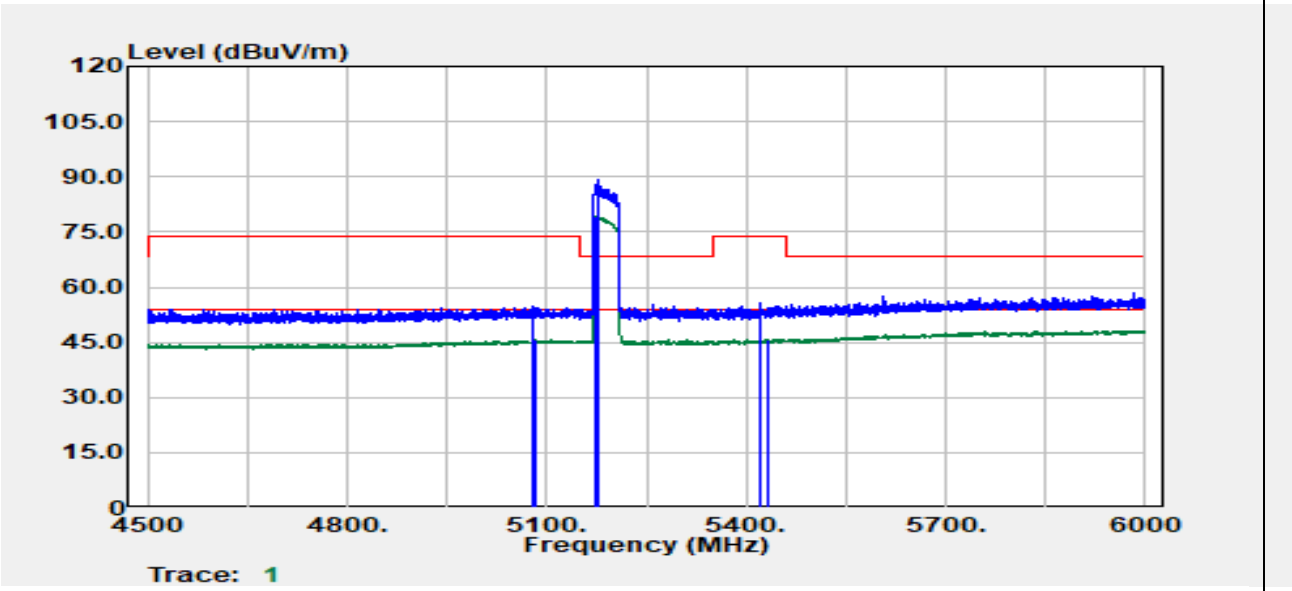
Test Mode	IEEE 802.11ax HE80 (484/65) / 5210 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Band Edge	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5080.50	Peak	37.85	16.77	54.62	74.00	-19.38
5083.50	Average	28.90	16.79	45.69	54.00	-8.31
5175.00	Average	62.24	16.99	79.23	- -	- -
5178.90	Peak	72.00	17.00	89.00	- -	- -
5422.50	Peak	38.29	17.40	55.69	74.00	-18.31
5431.20	Average	28.37	17.43	45.80	54.00	-8.20

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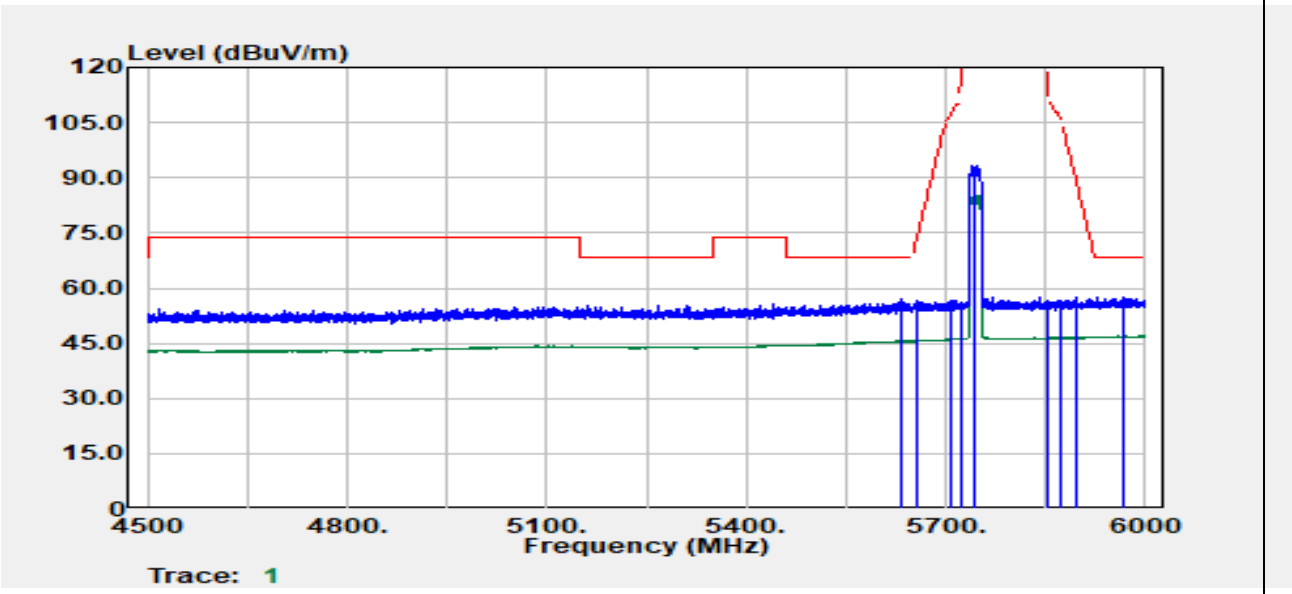
Test Data for UNII-3

Test Mode	IEEE 802.11a / 5745 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5632.50	Peak	38.84	18.16	57.00	68.20	-11.20
5655.90	Peak	38.33	18.27	56.60	72.58	-15.98
5708.10	Peak	38.16	18.57	56.74	107.47	-50.73
5724.90	Peak	37.58	18.71	56.29	121.97	-65.69
5745.00	Peak	74.59	18.87	93.46	- -	- -
5745.00	Average	66.24	18.87	85.11	- -	- -
5852.70	Peak	37.59	18.91	56.50	116.04	-59.54
5873.10	Peak	37.50	18.92	56.43	105.73	-49.31
5895.60	Peak	38.71	18.94	57.64	89.92	-32.27
5968.20	Peak	38.34	19.04	57.38	68.20	-10.82

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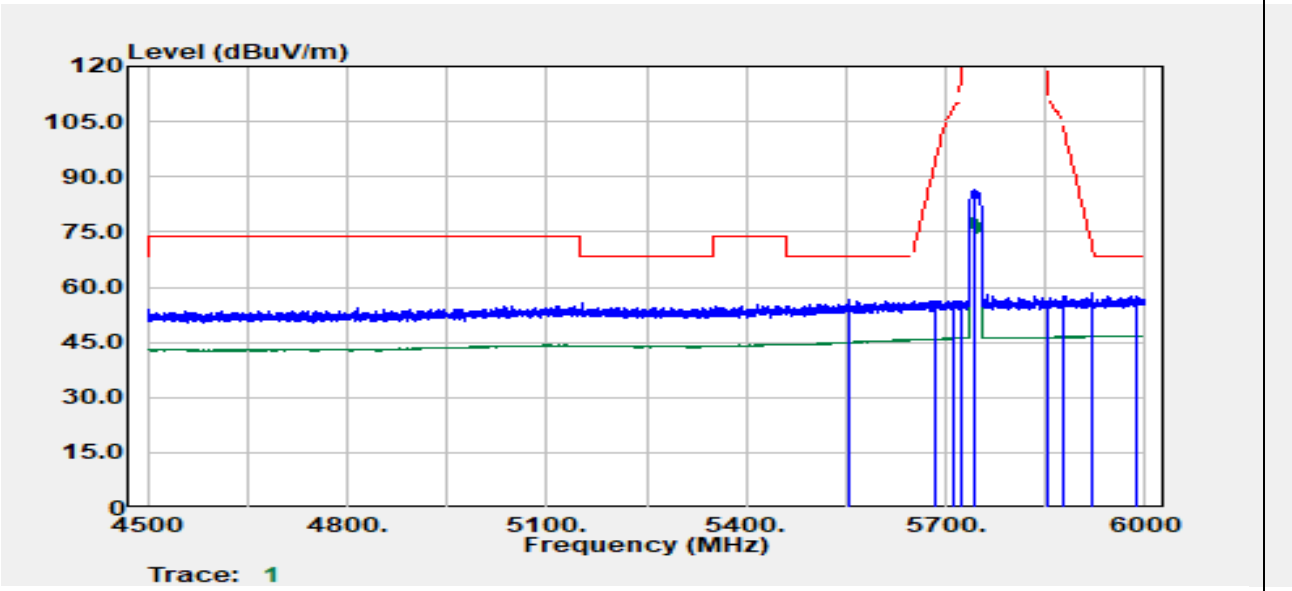
Test Mode	IEEE 802.11a / 5745 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5552.70	Peak	38.77	17.77	56.54	68.20	-11.66
5683.20	Peak	37.94	18.42	56.36	92.80	-36.45
5712.00	Peak	37.54	18.61	56.14	108.56	-52.42
5722.50	Peak	37.47	18.69	56.16	116.50	-60.34
5745.00	Peak	67.60	18.87	86.47	- -	- -
5745.00	Average	59.85	18.87	78.72	- -	- -
5852.70	Peak	37.40	18.91	56.31	116.04	-59.73
5874.90	Peak	38.48	18.92	57.40	105.23	-47.82
5921.40	Peak	39.38	18.97	58.36	70.85	-12.50
5985.00	Peak	38.49	19.06	57.55	68.20	-10.65

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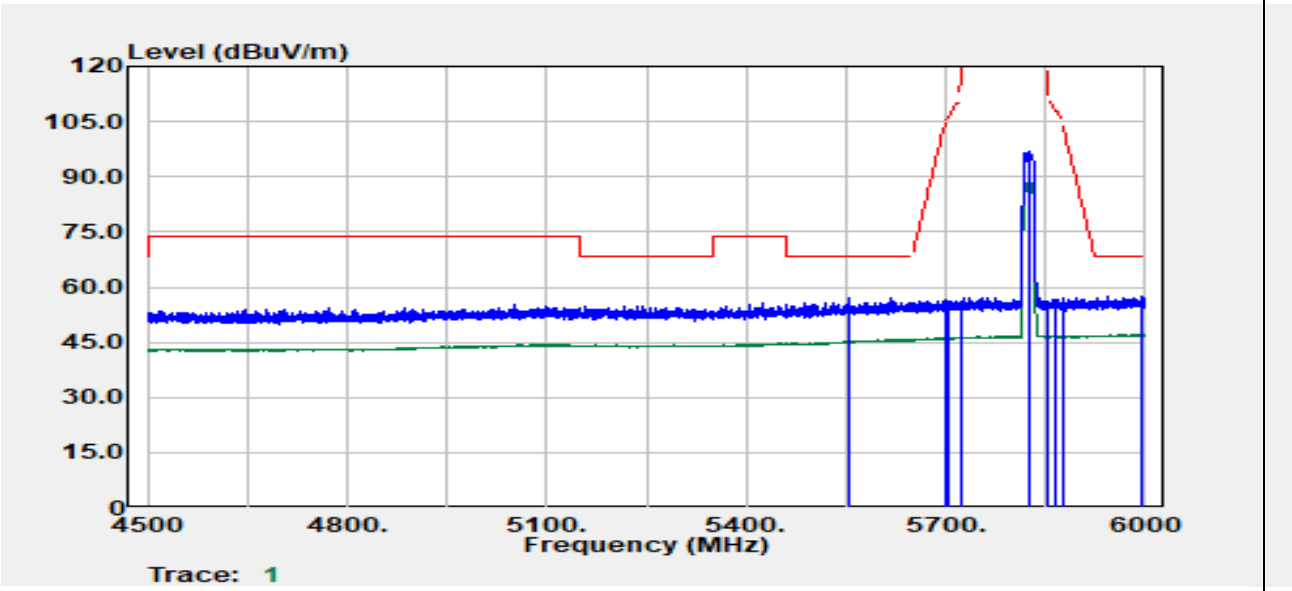
Test Mode	IEEE 802.11a / 5825 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5552.70	Peak	39.23	17.77	57.00	68.20	-11.20
5699.10	Peak	38.13	18.51	56.63	104.54	-47.91
5704.50	Peak	37.80	18.55	56.34	106.46	-50.12
5723.70	Peak	37.35	18.70	56.05	119.24	-63.18
5825.00	Peak	77.99	18.88	96.87	- -	- -
5825.00	Average	69.30	18.88	88.18	- -	- -
5853.90	Peak	37.27	18.91	56.19	113.31	-57.12
5866.50	Peak	37.70	18.92	56.62	107.58	-50.96
5876.70	Peak	38.25	18.93	57.17	103.94	-46.76
5995.20	Peak	38.62	19.07	57.70	68.20	-10.50

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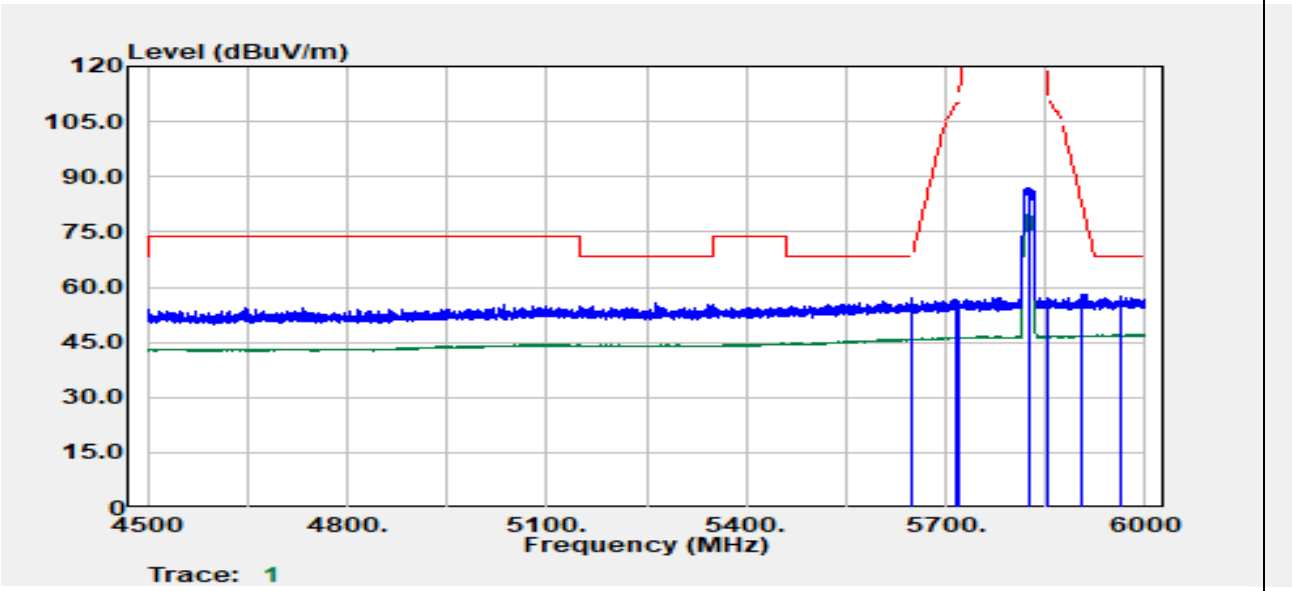
Test Mode	IEEE 802.11a / 5825 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Band Edge	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5646.90	Peak	38.26	18.23	56.49	68.20	-11.71
5650.20	Peak	38.79	18.24	57.04	68.35	-11.31
5717.10	Peak	37.81	18.65	56.45	109.99	-53.54
5720.70	Peak	37.12	18.68	55.80	112.40	-56.60
5825.00	Peak	68.15	18.88	87.03	- -	- -
5825.00	Average	60.78	18.88	79.66	- -	- -
5852.40	Peak	37.87	18.91	56.78	116.73	-59.95
5855.10	Peak	37.98	18.91	56.89	110.77	-53.88
5905.80	Peak	39.20	18.95	58.15	82.37	-24.22
5964.90	Peak	38.61	19.04	57.65	68.20	-10.55

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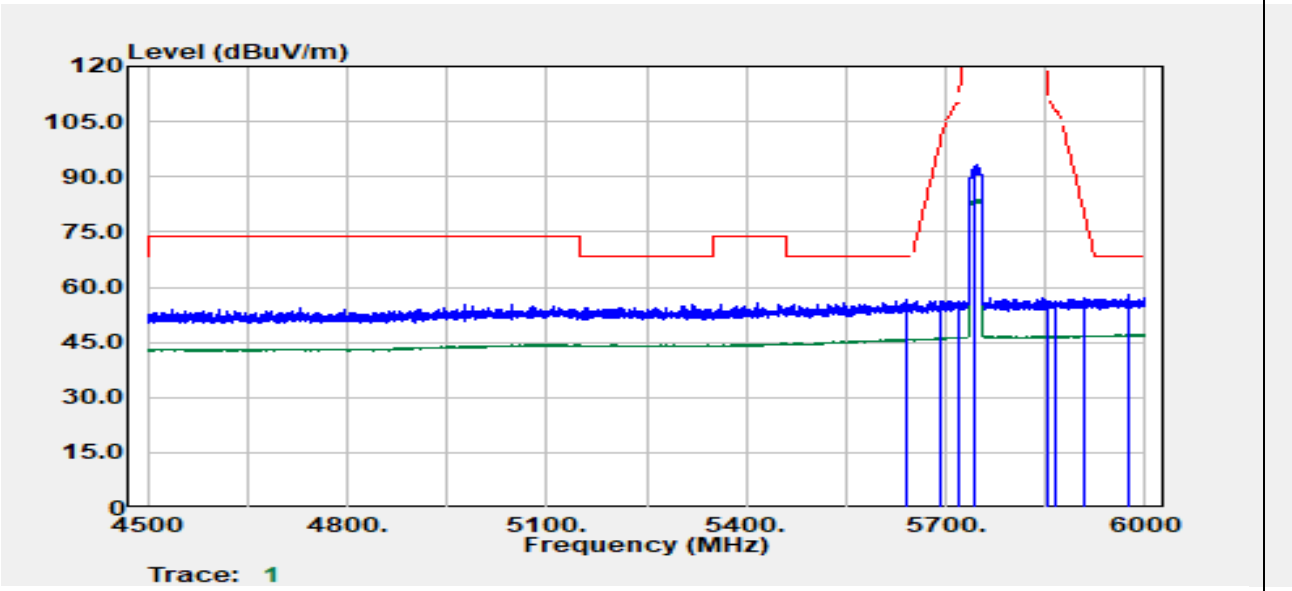
Test Mode	IEEE 802.11n HT20 / 5745 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5639.70	Peak	38.24	18.19	56.43	68.20	-11.77
5690.70	Peak	37.90	18.46	56.36	98.34	-41.98
5718.30	Peak	37.55	18.66	56.20	110.32	-54.12
5721.00	Peak	36.83	18.68	55.51	113.08	-57.57
5745.00	Peak	74.30	18.87	93.17	- -	- -
5745.00	Average	65.04	18.87	83.91	- -	- -
5853.90	Peak	37.05	18.91	55.96	113.31	-57.35
5866.80	Peak	37.34	18.92	56.26	107.49	-51.24
5908.20	Peak	38.15	18.95	57.11	80.60	-23.49
5975.10	Peak	38.78	19.05	57.83	68.20	-10.37

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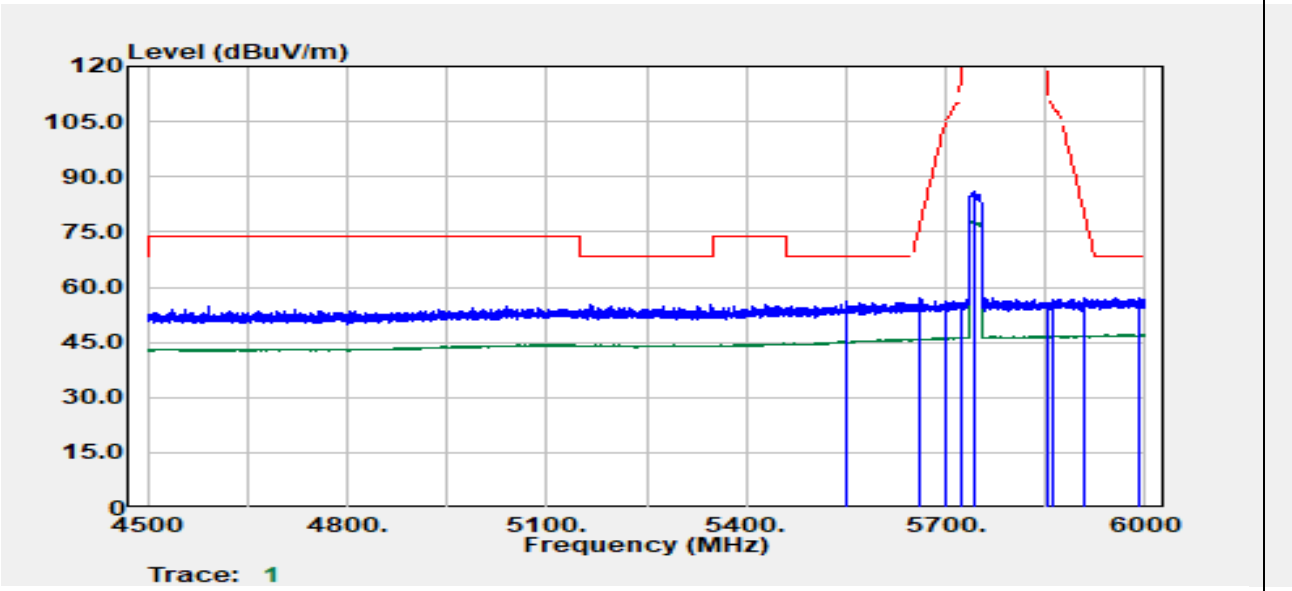
Test Mode	IEEE 802.11n HT20 / 5745 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5550.00	Peak	38.51	17.76	56.27	68.20	-11.93
5662.20	Peak	38.55	18.31	56.86	77.26	-20.40
5701.50	Peak	37.45	18.52	55.97	105.62	-49.65
5723.70	Peak	36.82	18.70	55.52	119.24	-63.72
5745.00	Peak	67.34	18.87	86.21	- -	- -
5745.00	Average	59.14	18.87	78.01	- -	- -
5853.00	Peak	36.97	18.91	55.88	115.36	-59.47
5861.10	Peak	37.90	18.92	56.82	109.09	-52.27
5910.00	Peak	37.97	18.96	56.93	79.27	-22.34
5989.80	Peak	38.03	19.07	57.10	68.20	-11.10

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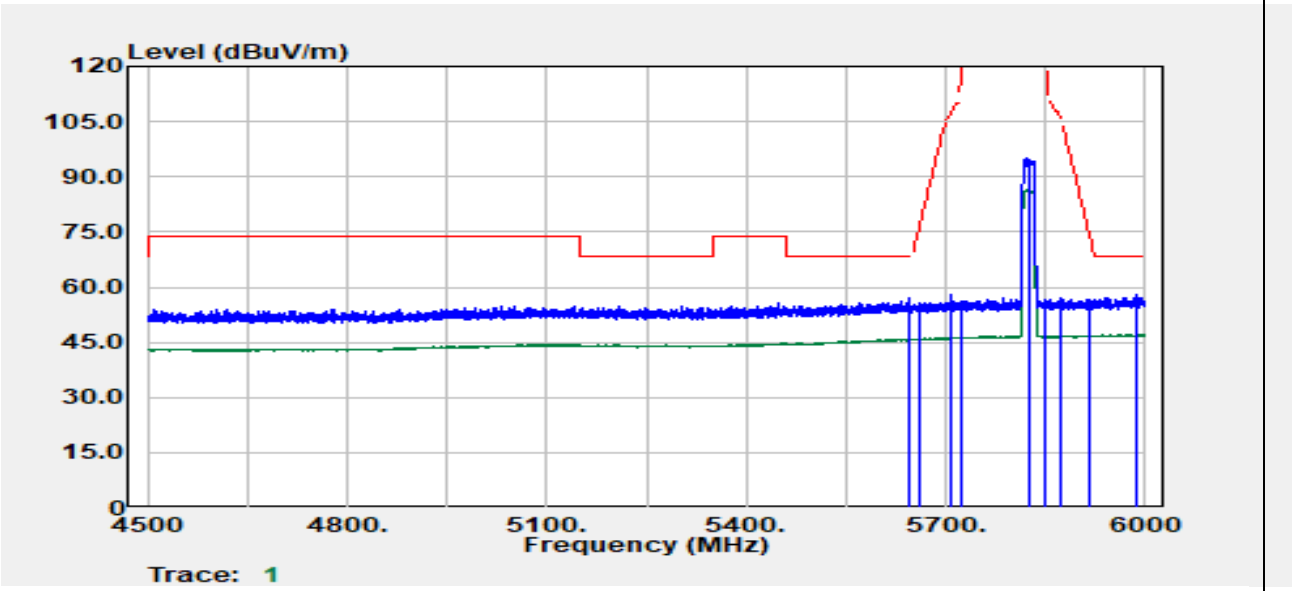
Test Mode	IEEE 802.11n HT20 / 5825 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5643.00	Peak	38.81	18.21	57.02	68.20	-11.18
5662.50	Peak	37.50	18.31	55.80	77.48	-21.68
5709.30	Peak	39.26	18.58	57.84	107.81	-49.97
5724.30	Peak	37.63	18.70	56.34	120.60	-64.27
5825.00	Peak	76.11	18.88	94.99	- -	- -
5825.00	Average	67.40	18.88	86.28	- -	- -
5850.90	Peak	37.03	18.91	55.94	120.15	-64.21
5873.10	Peak	38.30	18.92	57.22	105.73	-48.51
5914.20	Peak	37.85	18.96	56.82	76.17	-19.35
5987.40	Peak	38.76	19.06	57.82	68.20	-10.38

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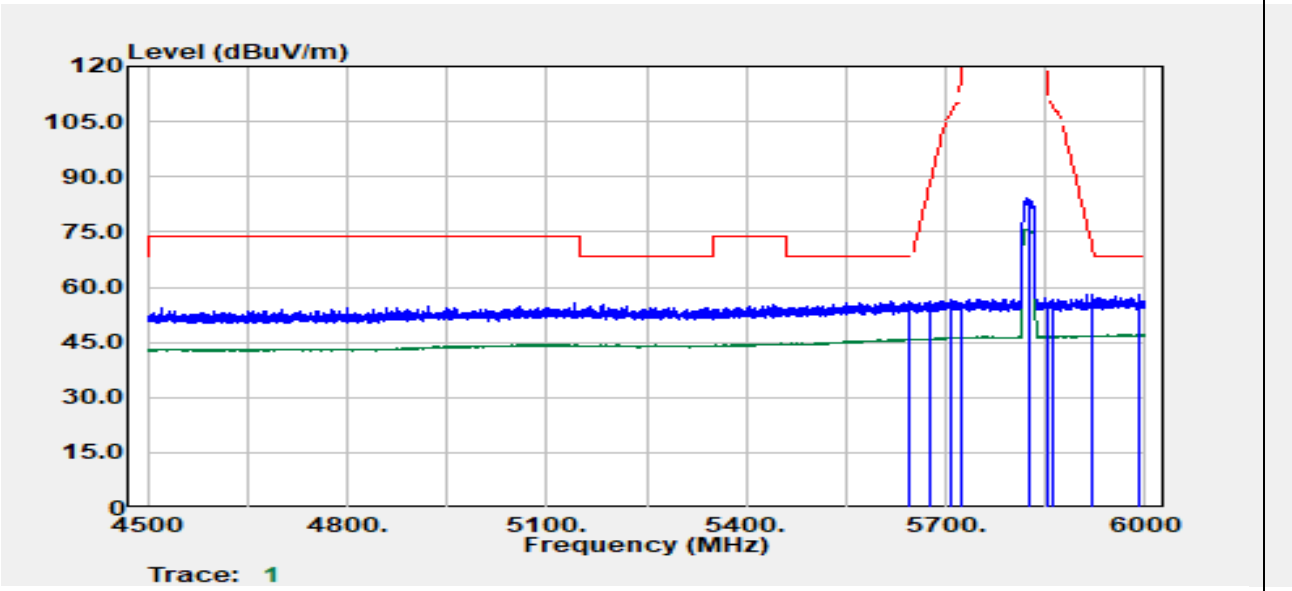
Test Mode	IEEE 802.11n HT20 / 5825 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5646.30	Peak	37.80	18.22	56.02	68.20	-12.18
5676.30	Peak	37.94	18.38	56.32	87.70	-31.38
5708.10	Peak	37.82	18.57	56.39	107.47	-51.08
5724.90	Peak	36.98	18.71	55.69	121.97	-66.28
5825.00	Peak	65.20	18.88	84.08	- -	- -
5825.00	Average	56.93	18.88	75.81	- -	- -
5853.00	Peak	36.47	18.91	55.38	115.36	-59.98
5862.30	Peak	37.71	18.92	56.63	108.75	-52.13
5920.80	Peak	39.09	18.97	58.06	71.30	-13.23
5990.70	Peak	38.68	19.07	57.75	68.20	-10.45

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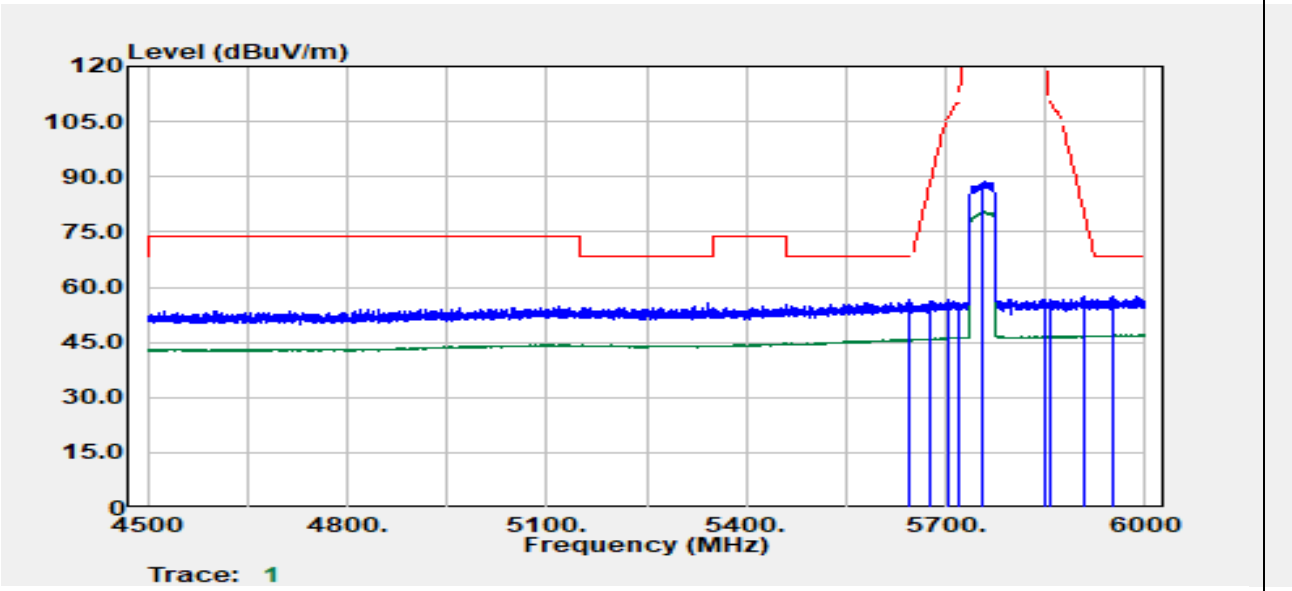
Test Mode	IEEE 802.11n HT40 / 5755 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5646.00	Peak	38.56	18.22	56.78	68.20	-11.42
5674.50	Peak	37.88	18.37	56.25	86.37	-30.12
5703.00	Peak	38.25	18.53	56.78	106.04	-49.26
5720.70	Peak	36.81	18.68	55.48	112.40	-56.92
5755.00	Peak	69.80	18.90	88.71	- -	- -
5755.00	Average	61.48	18.90	80.38	- -	- -
5850.30	Peak	37.88	18.91	56.79	121.52	-64.73
5856.90	Peak	37.69	18.91	56.60	110.27	-53.66
5906.70	Peak	38.37	18.95	57.32	81.71	-24.38
5953.20	Peak	38.55	19.02	57.58	68.20	-10.62

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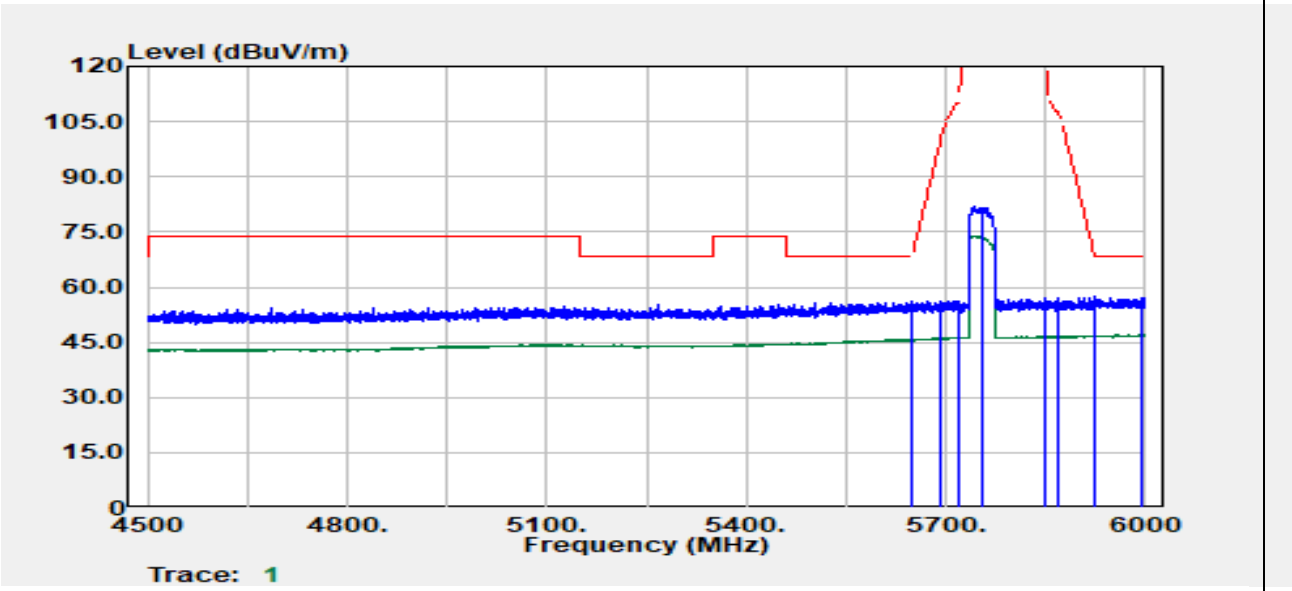
Test Mode	IEEE 802.11n HT40 / 5755 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5649.00	Peak	37.95	18.24	56.19	68.20	-12.01
5691.60	Peak	37.80	18.46	56.27	99.01	-42.74
5718.00	Peak	37.60	18.65	56.26	110.24	-53.98
5721.30	Peak	37.05	18.68	55.73	113.77	-58.03
5755.00	Peak	62.95	18.90	81.85	- -	- -
5755.00	Average	55.03	18.90	73.94	- -	- -
5851.20	Peak	37.94	18.91	56.85	119.46	-62.61
5868.30	Peak	38.02	18.92	56.94	107.07	-50.14
5924.70	Peak	38.52	18.98	57.50	68.42	-10.92
5994.90	Peak	38.19	19.07	57.27	68.20	-10.93

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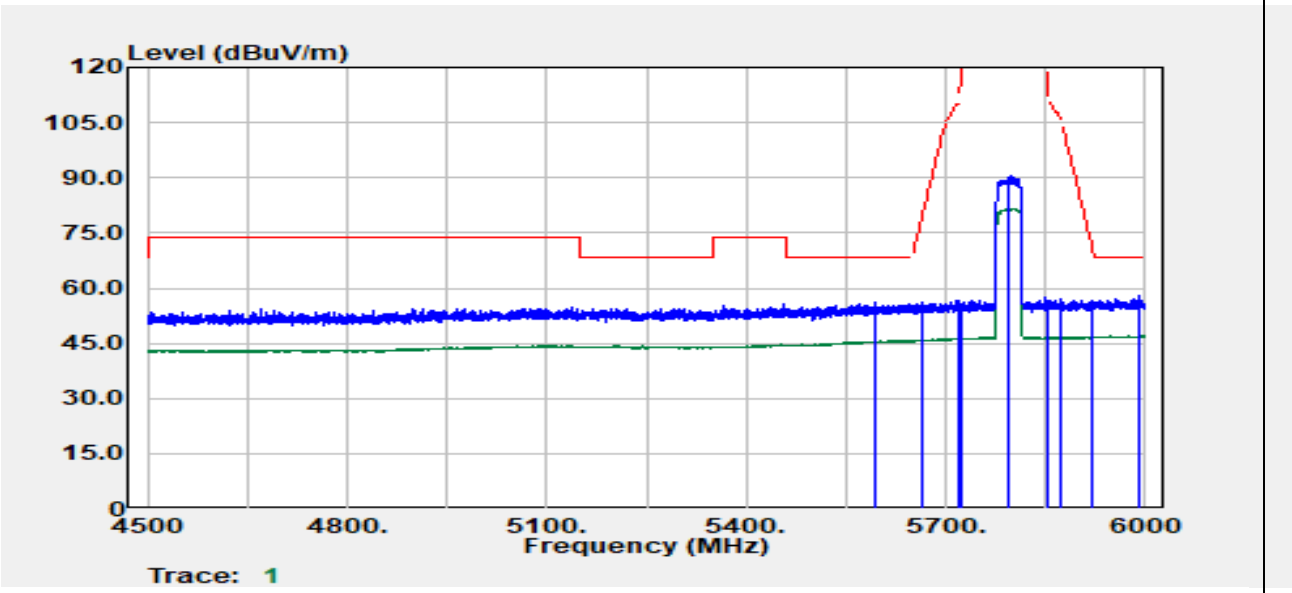
Test Mode	IEEE 802.11n HT40 / 5795 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5594.70	Peak	37.99	17.99	55.98	68.20	-12.22
5662.80	Peak	37.90	18.31	56.20	77.70	-21.50
5718.90	Peak	37.96	18.66	56.62	110.49	-53.88
5724.90	Peak	36.82	18.71	55.53	121.97	-66.44
5795.00	Peak	71.55	18.86	90.41	- -	- -
5795.00	Average	62.86	18.86	81.72	- -	- -
5853.60	Peak	37.51	18.91	56.42	113.99	-57.57
5872.50	Peak	38.03	18.92	56.96	105.90	-48.94
5920.50	Peak	37.73	18.97	56.71	71.52	-14.81
5992.50	Peak	38.82	19.07	57.89	68.20	-10.31

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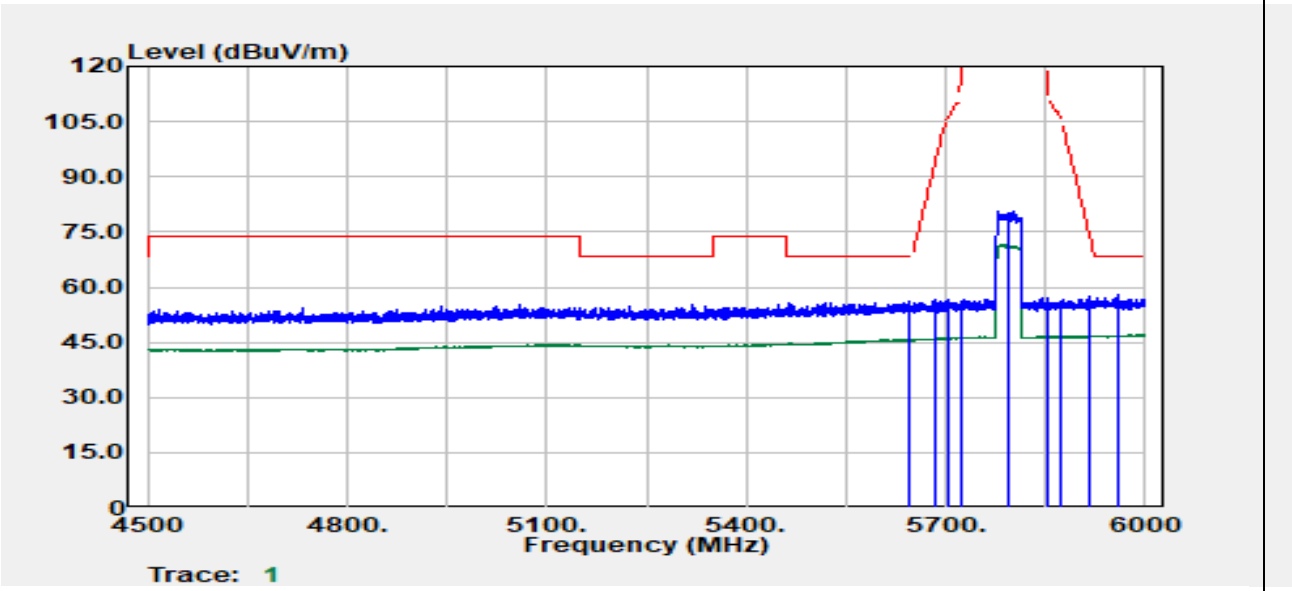
Test Mode	IEEE 802.11n HT40 / 5795 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5644.20	Peak	38.11	18.21	56.32	68.20	-11.88
5682.30	Peak	38.10	18.41	56.52	92.14	-35.62
5703.60	Peak	37.93	18.54	56.47	106.21	-49.74
5721.90	Peak	37.53	18.69	56.21	115.13	-58.92
5795.00	Peak	61.94	18.86	80.80	- -	- -
5795.00	Average	52.52	18.86	71.37	- -	- -
5853.90	Peak	38.24	18.91	57.16	113.31	-56.15
5871.60	Peak	37.04	18.92	55.97	106.15	-50.18
5914.80	Peak	38.67	18.96	57.63	75.72	-18.09
5958.60	Peak	38.72	19.03	57.75	68.20	-10.45

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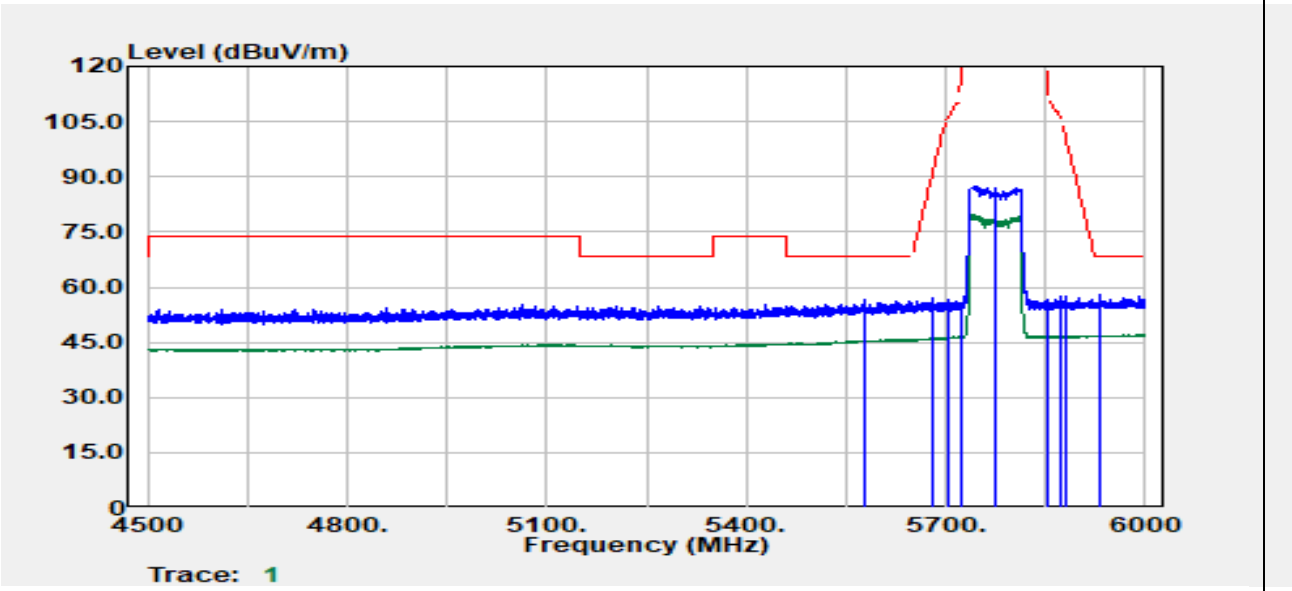
Test Mode	IEEE 802.11ac VHT80 / 5775 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5578.80	Peak	38.56	17.91	56.47	68.20	-11.73
5680.50	Peak	38.52	18.40	56.92	90.81	-33.89
5703.00	Peak	38.15	18.53	56.68	106.04	-49.36
5724.30	Peak	37.01	18.70	55.71	120.60	-64.89
5775.00	Peak	68.58	18.88	87.46	- -	- -
5775.00	Average	60.81	18.88	79.69	- -	- -
5852.40	Peak	37.91	18.91	56.82	116.73	-59.90
5874.00	Peak	38.57	18.92	57.50	105.48	-47.98
5879.70	Peak	38.68	18.93	57.61	101.71	-44.10
5931.90	Peak	38.82	18.99	57.81	68.20	-10.39

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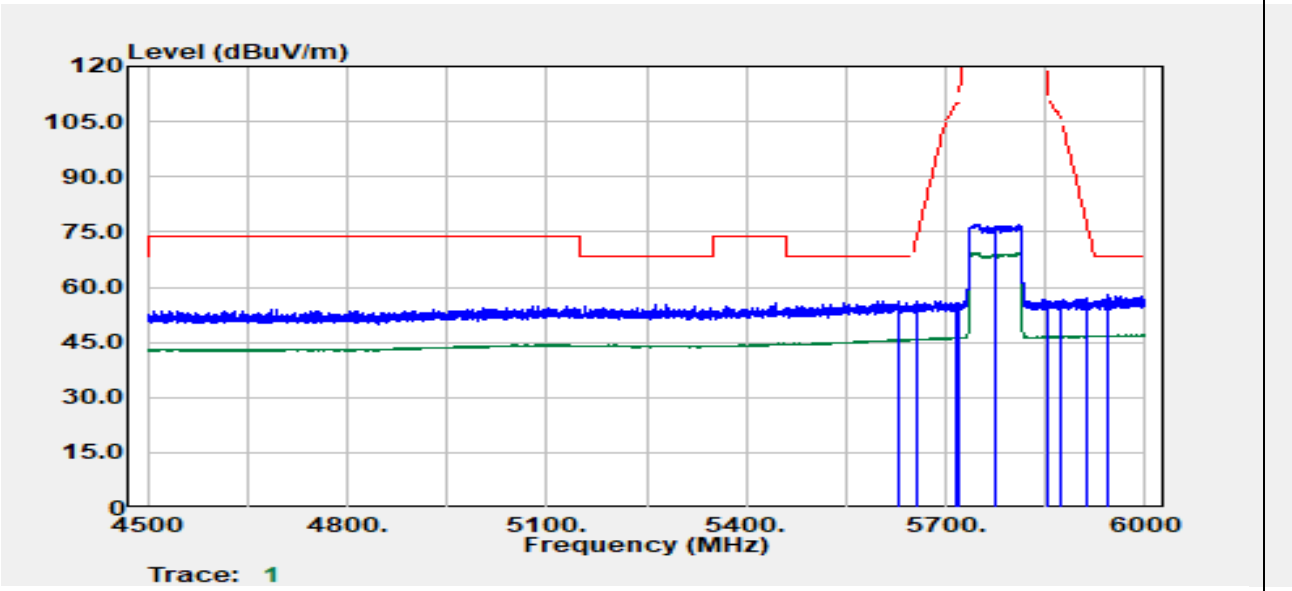
Test Mode	IEEE 802.11ac VHT80 / 5775 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5630.10	Peak	38.20	18.15	56.36	68.20	-11.84
5657.40	Peak	38.07	18.28	56.35	73.70	-17.35
5715.00	Peak	37.25	18.63	55.88	109.40	-53.52
5721.00	Peak	36.62	18.68	55.29	113.08	-57.79
5775.00	Peak	58.20	18.88	77.08	- -	- -
5775.00	Average	50.47	18.88	69.35	- -	- -
5852.40	Peak	37.09	18.91	56.00	116.73	-60.73
5873.70	Peak	37.21	18.92	56.13	105.56	-49.43
5910.30	Peak	38.19	18.96	57.14	79.05	-21.90
5942.40	Peak	38.84	19.01	57.85	68.20	-10.35

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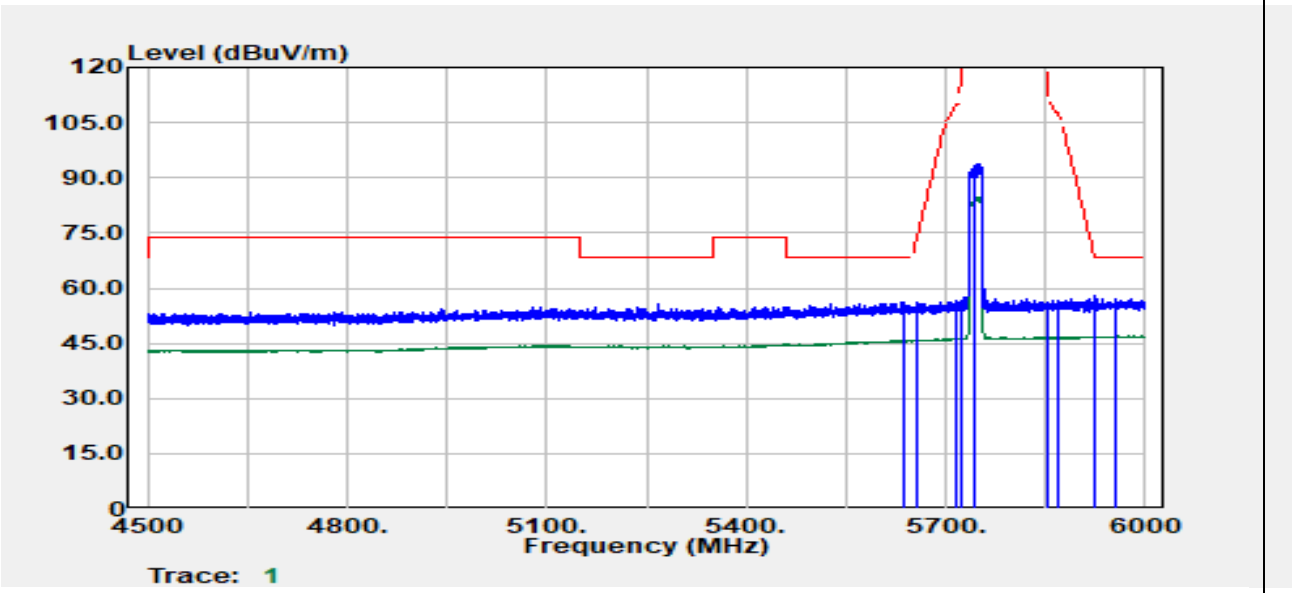
Test Mode	IEEE 802.11ax HE20 / 5745 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5636.70	Peak	37.84	18.18	56.02	68.20	-12.18
5657.40	Peak	37.95	18.28	56.23	73.70	-17.47
5715.60	Peak	37.81	18.63	56.45	109.57	-53.12
5724.00	Peak	37.99	18.70	56.69	119.92	-63.23
5745.00	Peak	74.82	18.87	93.69	- -	- -
5745.00	Average	65.82	18.87	84.69	- -	- -
5852.70	Peak	37.28	18.91	56.19	116.04	-59.86
5869.20	Peak	37.72	18.92	56.64	106.82	-50.18
5924.10	Peak	39.00	18.98	57.98	68.86	-10.89
5955.60	Peak	38.14	19.03	57.16	68.20	-11.04

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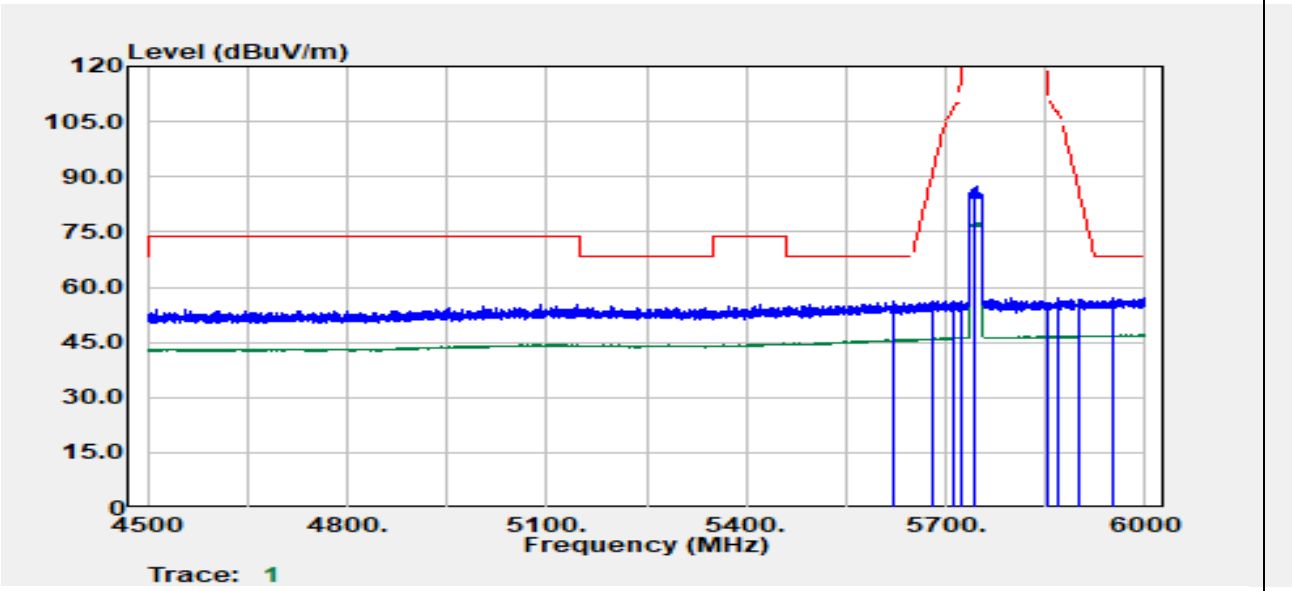
Test Mode	IEEE 802.11ax HE20 / 5745 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5620.80	Peak	37.91	18.11	56.02	68.20	-12.18
5679.60	Peak	37.88	18.40	56.28	90.14	-33.86
5709.90	Peak	37.34	18.59	55.93	107.97	-52.04
5721.90	Peak	37.60	18.69	56.28	115.13	-58.85
5745.00	Peak	68.38	18.87	87.25	- -	- -
5745.00	Average	58.55	18.87	77.42	- -	- -
5853.90	Peak	36.56	18.91	55.48	113.31	-57.83
5870.10	Peak	38.05	18.92	56.98	106.57	-49.59
5899.80	Peak	37.88	18.94	56.82	86.81	-29.99
5950.80	Peak	38.04	19.02	57.06	68.20	-11.14

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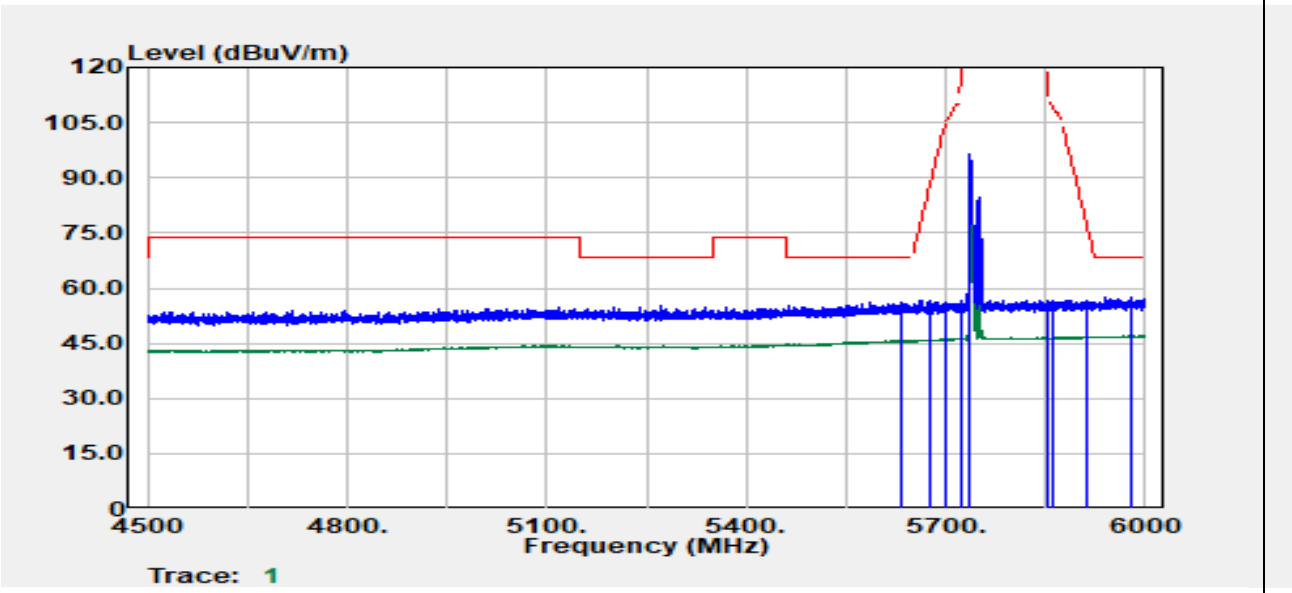
Test Mode	IEEE 802.11ax HE20 (26/0) /5745 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5634.60	Peak	37.89	18.17	56.07	68.20	-12.13
5675.10	Peak	38.22	18.38	56.60	86.81	-30.21
5700.30	Peak	37.51	18.51	56.02	105.28	-49.26
5724.90	Peak	38.08	18.71	56.79	121.97	-65.18
5736.30	Peak	77.46	18.80	96.27	- -	- -
5736.30	Average	68.78	18.80	87.58	- -	- -
5852.70	Peak	37.67	18.91	56.59	116.04	-59.46
5860.20	Peak	37.47	18.92	56.39	109.34	-52.95
5912.70	Peak	37.79	18.96	56.75	77.27	-20.52
5978.70	Peak	38.68	19.05	57.73	68.20	-10.47

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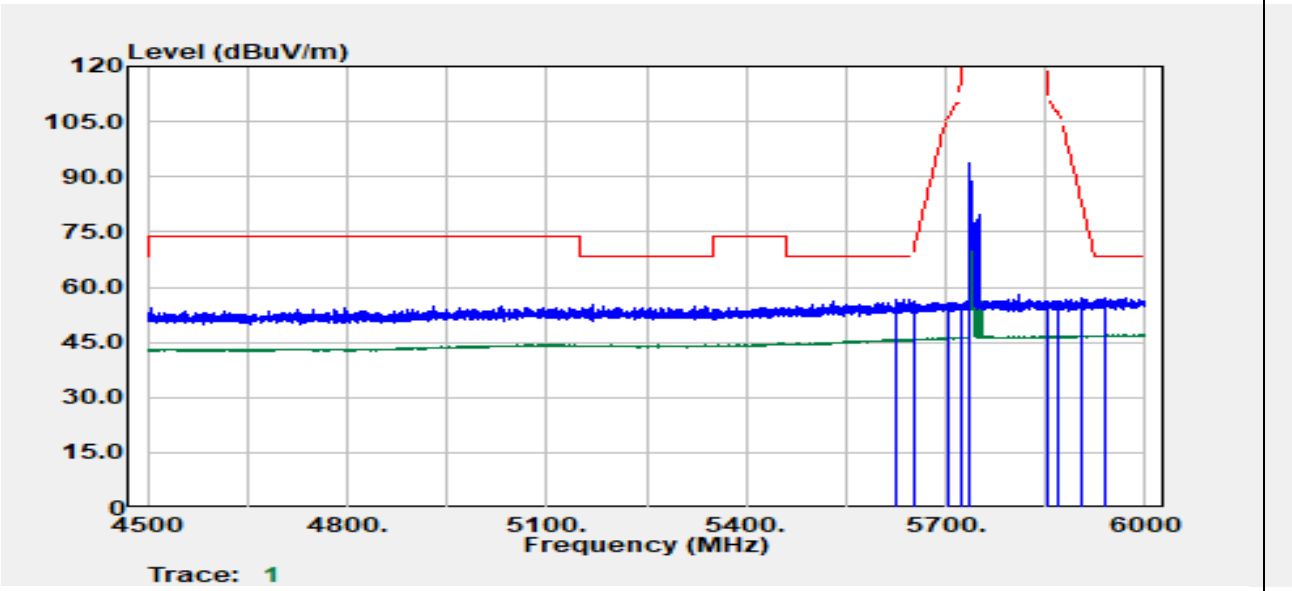
Test Mode	IEEE 802.11ax HE20 (26/0) /5745 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5625.90	Peak	38.56	18.13	56.69	68.20	-11.51
5652.30	Peak	37.98	18.25	56.23	69.91	-13.68
5705.10	Peak	37.33	18.55	55.89	106.63	-50.74
5722.50	Peak	36.75	18.69	55.44	116.50	-61.06
5736.90	Peak	75.11	18.81	93.92	- -	- -
5736.90	Average	64.95	18.81	83.76	- -	- -
5851.80	Peak	37.05	18.91	55.96	118.09	-62.14
5869.80	Peak	37.27	18.92	56.19	106.65	-50.46
5905.50	Peak	37.93	18.95	56.87	82.59	-25.72
5938.80	Peak	37.87	19.00	56.87	68.20	-11.33

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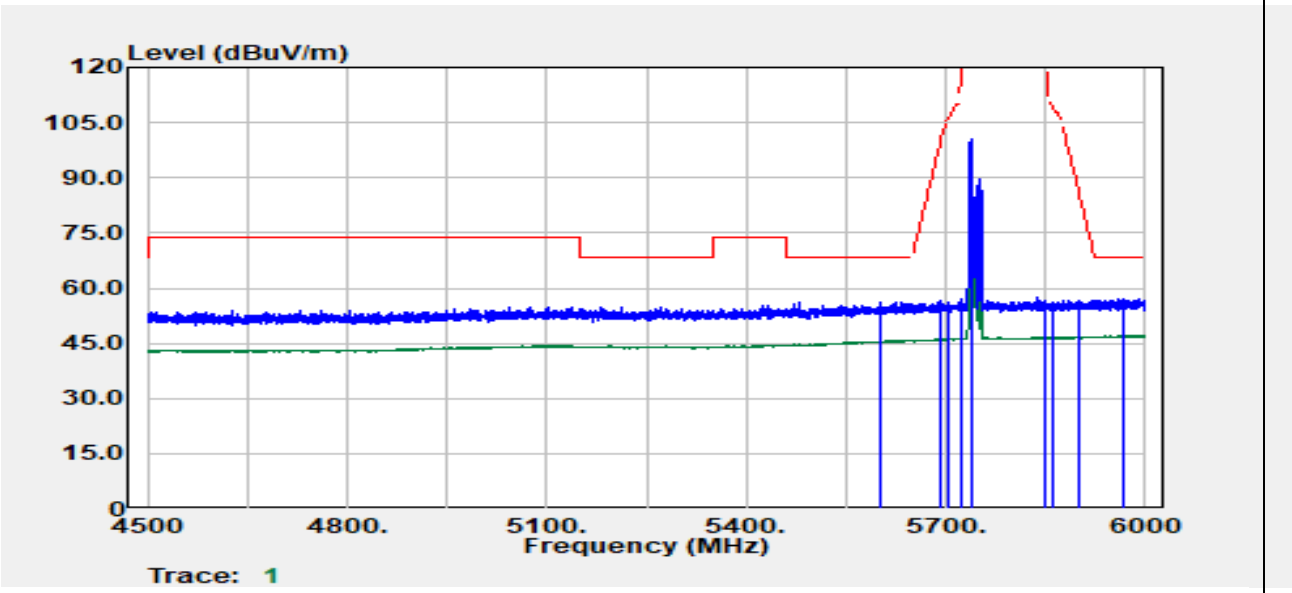
Test Mode	IEEE 802.11ax HE20 (52/37) /5745 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5601.60	Peak	38.31	18.03	56.34	68.20	-11.86
5693.70	Peak	38.28	18.48	56.76	100.56	-43.80
5705.40	Peak	37.57	18.55	56.13	106.71	-50.59
5721.60	Peak	38.44	18.68	57.12	114.45	-57.33
5737.80	Peak	81.64	18.81	100.45	- -	- -
5737.80	Average	71.67	18.81	90.48	- -	- -
5850.90	Peak	37.58	18.91	56.49	120.15	-63.66
5860.50	Peak	37.25	18.92	56.17	109.26	-53.09
5899.50	Peak	37.54	18.94	56.48	87.03	-30.55
5967.90	Peak	38.02	19.04	57.06	68.20	-11.14

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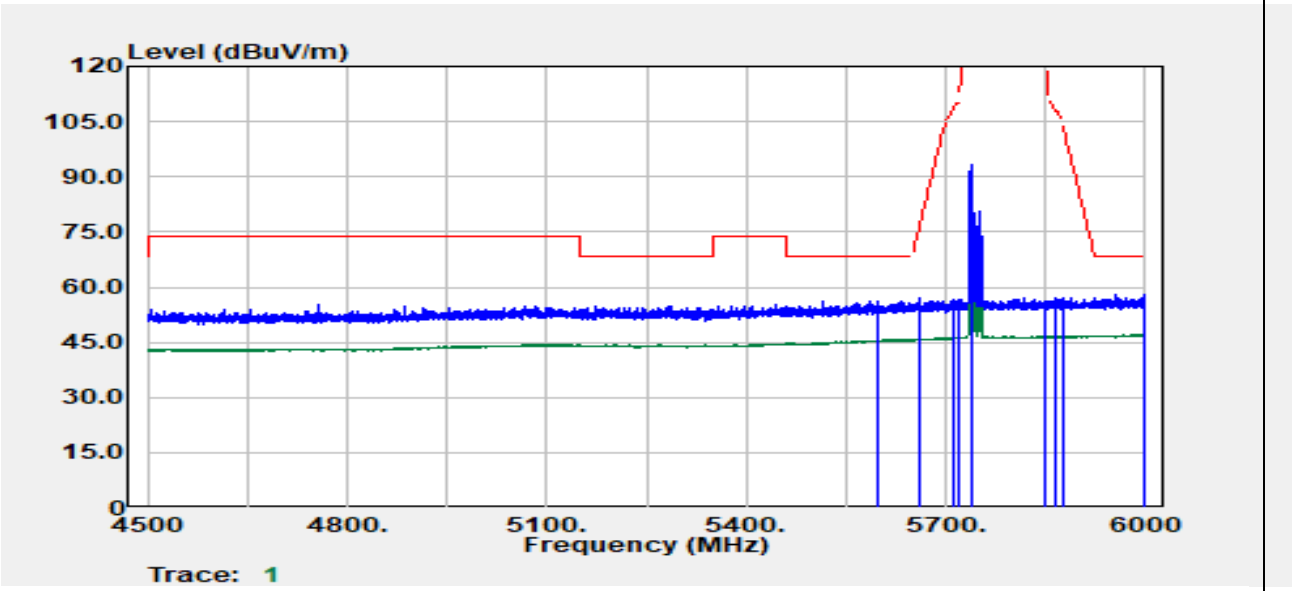
Test Mode	IEEE 802.11ax HE20 (52/37) /5745 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5598.30	Peak	38.06	18.01	56.08	68.20	-12.12
5661.30	Peak	38.56	18.30	56.87	76.59	-19.72
5711.70	Peak	37.82	18.60	56.43	108.48	-52.05
5721.30	Peak	38.03	18.68	56.72	113.77	-57.05
5738.40	Peak	74.50	18.82	93.32	- -	- -
5738.40	Average	64.60	18.82	83.41	- -	- -
5851.20	Peak	37.42	18.91	56.33	119.46	-63.13
5863.20	Peak	38.06	18.92	56.97	108.50	-51.53
5876.10	Peak	38.13	18.93	57.05	104.38	-47.33
5997.00	Peak	38.85	19.08	57.93	68.20	-10.27

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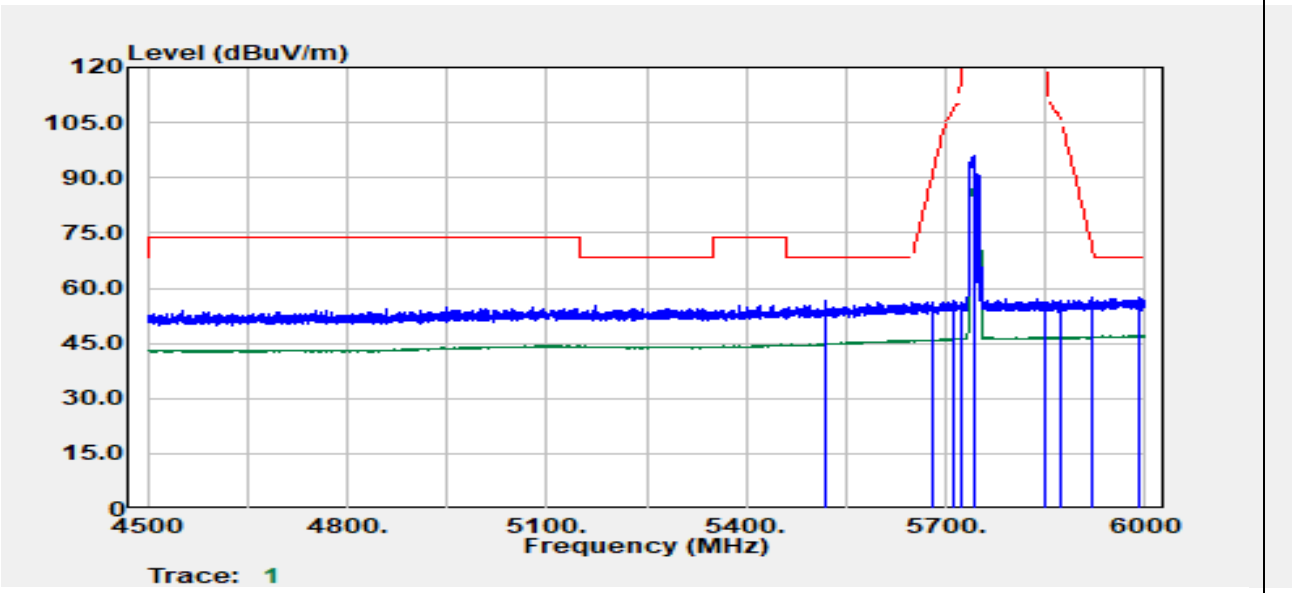
Test Mode	IEEE 802.11ax HE20 (106/53) /5745 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5519.70	Peak	39.22	17.57	56.79	68.20	-11.41
5679.00	Peak	37.93	18.40	56.33	89.70	-33.37
5713.20	Peak	37.84	18.62	56.46	108.90	-52.44
5724.30	Peak	37.28	18.70	55.98	120.60	-64.62
5741.40	Peak	77.14	18.84	95.98	- -	- -
5741.40	Average	68.26	18.84	87.10	- -	- -
5850.60	Peak	36.92	18.91	55.84	120.83	-65.00
5873.40	Peak	37.64	18.92	56.56	105.65	-49.08
5921.10	Peak	38.68	18.97	57.65	71.07	-13.42
5991.30	Peak	38.59	19.07	57.66	68.20	-10.54

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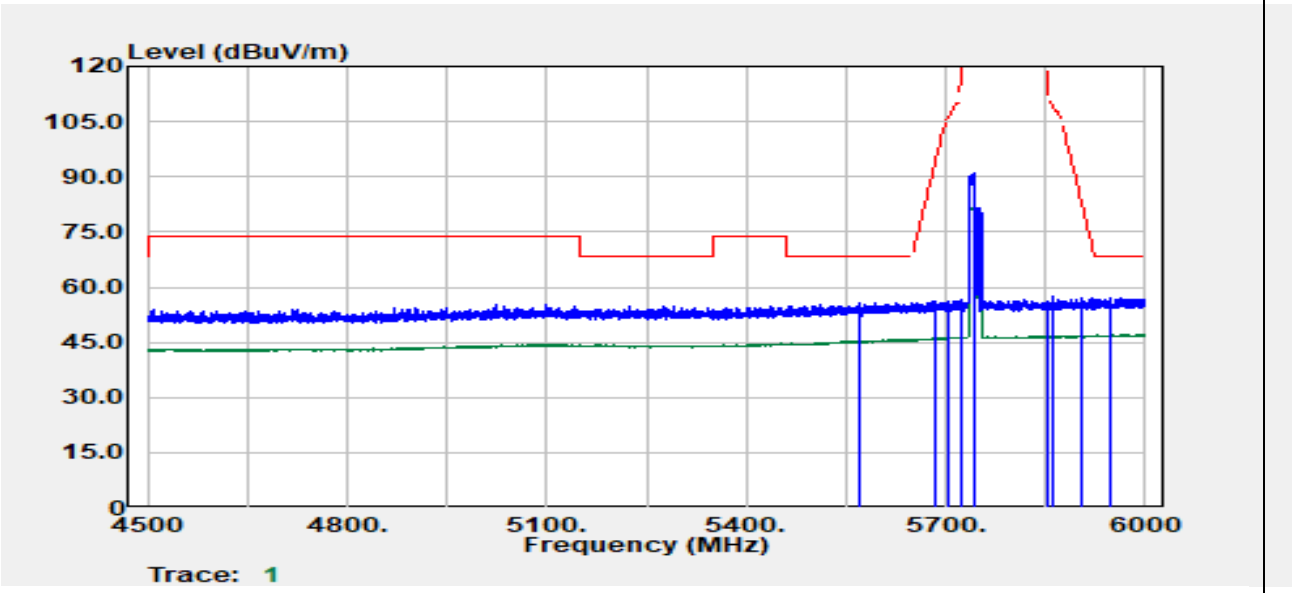
Test Mode	IEEE 802.11ax HE20 (106/53) /5745 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5571.90	Peak	37.96	17.87	55.83	68.20	-12.37
5684.40	Peak	37.79	18.43	56.22	93.69	-37.48
5702.10	Peak	37.83	18.53	56.35	105.79	-49.44
5724.90	Peak	37.98	18.71	56.69	121.97	-65.29
5741.70	Peak	72.24	18.84	91.08	- -	- -
5741.70	Average	62.69	18.84	81.54	- -	- -
5851.80	Peak	36.99	18.91	55.90	118.09	-62.19
5860.20	Peak	38.39	18.92	57.30	109.34	-52.04
5904.60	Peak	38.09	18.95	57.03	83.26	-26.22
5945.70	Peak	37.95	19.01	56.97	68.20	-11.23

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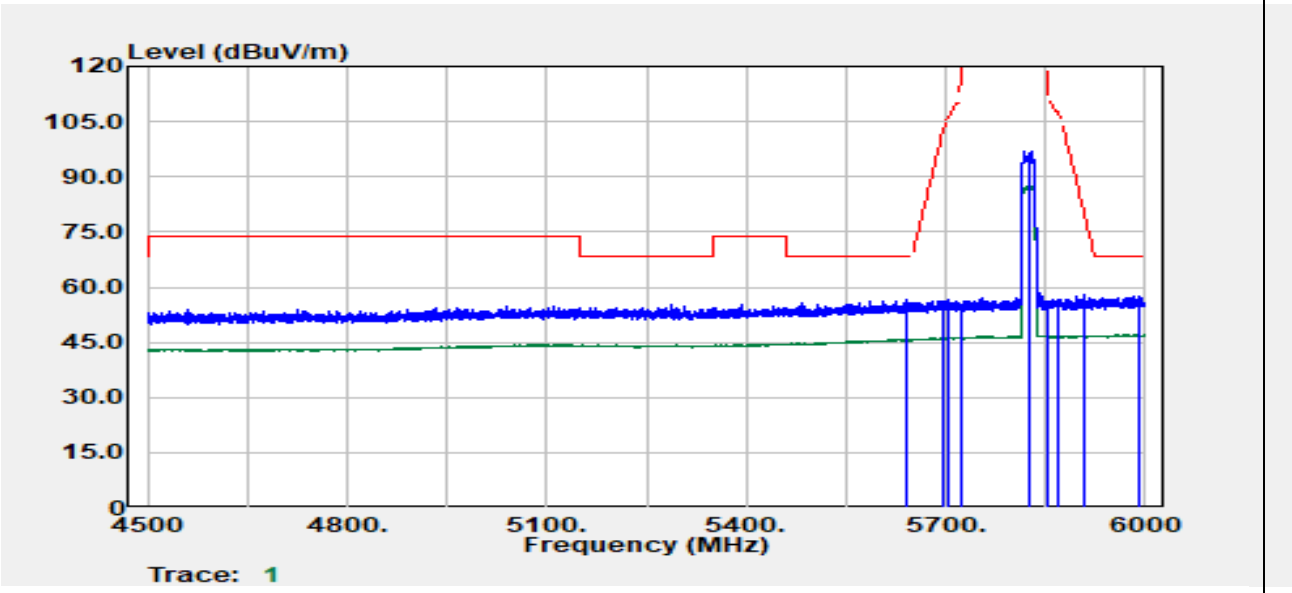
Test Mode	IEEE 802.11ax HE20 / 5825 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5642.70	Peak	38.20	18.21	56.41	68.20	-11.79
5694.60	Peak	37.61	18.48	56.09	101.22	-45.13
5702.40	Peak	37.98	18.53	56.51	105.87	-49.36
5723.40	Peak	36.64	18.70	55.33	118.55	-63.22
5825.00	Peak	78.14	18.88	97.02	- -	- -
5825.00	Average	68.43	18.88	87.31	- -	- -
5852.70	Peak	37.26	18.91	56.17	116.04	-59.88
5870.70	Peak	37.85	18.92	56.77	106.40	-49.63
5906.70	Peak	39.18	18.95	58.13	81.71	-23.57
5991.00	Peak	38.64	19.07	57.71	68.20	-10.49

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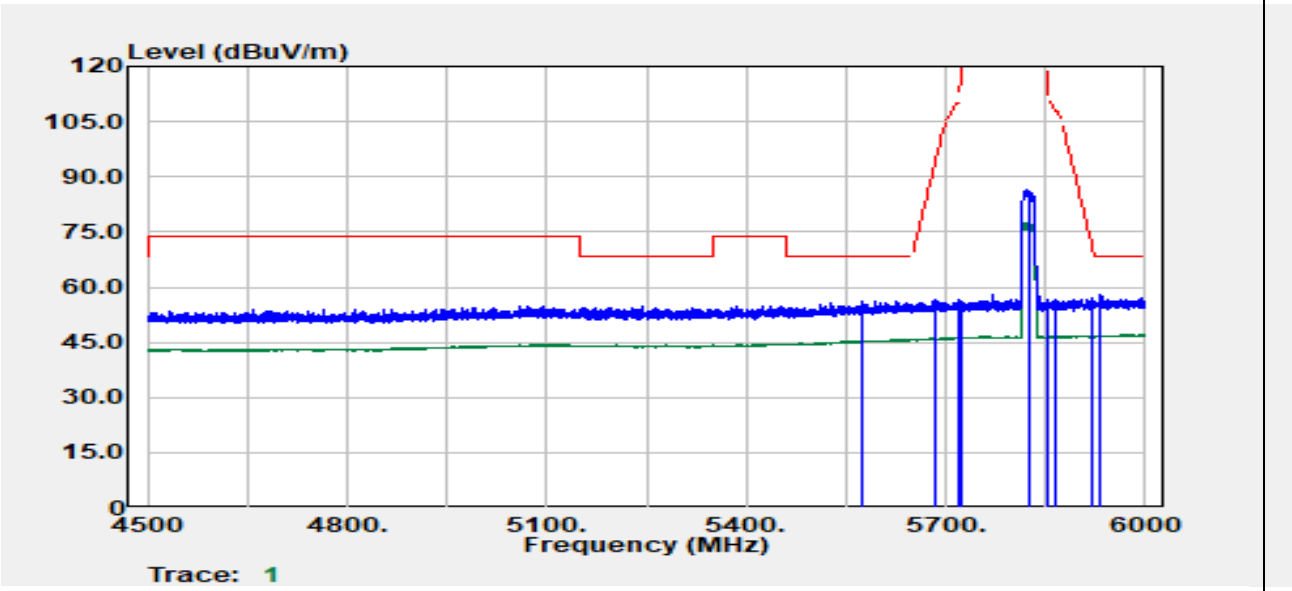
Test Mode	IEEE 802.11ax HE20 / 5825 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5575.20	Peak	38.46	17.89	56.35	68.20	-11.85
5684.10	Peak	37.97	18.42	56.39	93.47	-37.08
5719.20	Peak	37.25	18.66	55.91	110.58	-54.67
5721.90	Peak	37.25	18.69	55.94	115.13	-59.19
5825.00	Peak	67.48	18.88	86.36	- -	- -
5825.00	Average	58.77	18.88	77.65	- -	- -
5853.90	Peak	37.49	18.91	56.41	113.31	-56.90
5864.40	Peak	37.75	18.92	56.67	108.17	-51.50
5918.70	Peak	38.02	18.97	56.99	72.84	-15.86
5931.90	Peak	38.77	18.99	57.76	68.20	-10.44

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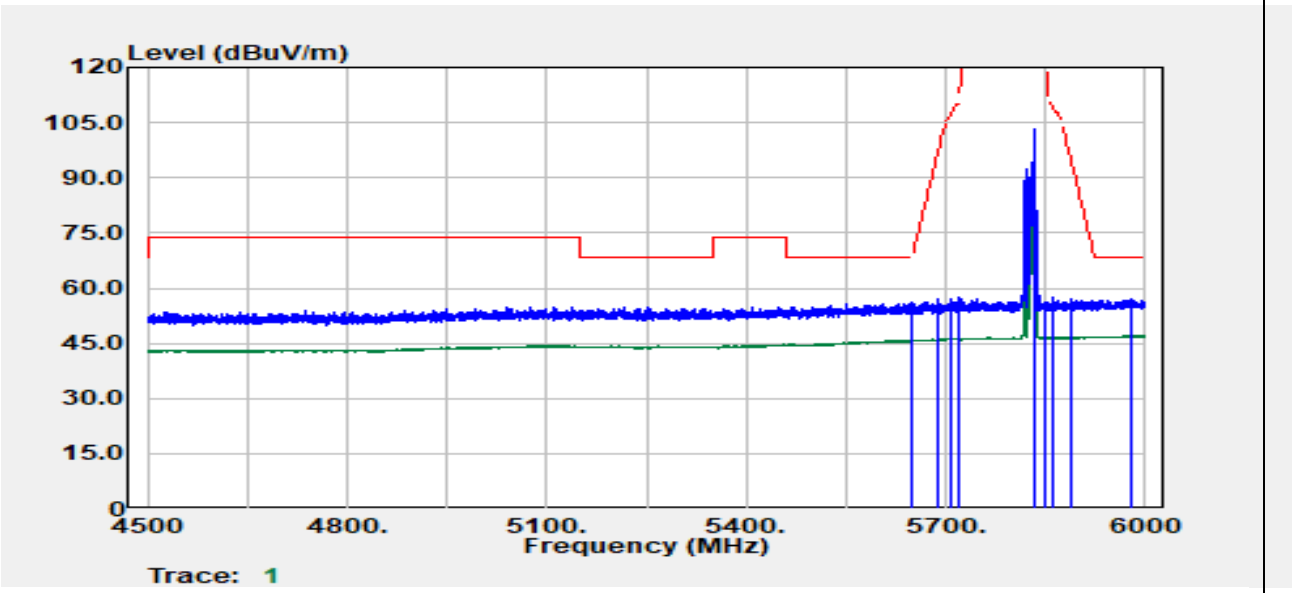
Test Mode	IEEE 802.11ax HE20 (26/8) / 5825 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5647.80	Peak	37.84	18.23	56.07	68.20	-12.13
5688.00	Peak	38.76	18.45	57.20	96.35	-39.15
5708.40	Peak	38.29	18.58	56.87	107.55	-50.69
5721.00	Peak	38.93	18.68	57.61	113.08	-55.47
5833.80	Peak	84.46	18.89	103.35	- -	- -
5833.80	Average	74.57	18.89	93.46	- -	- -
5850.60	Peak	37.12	18.91	56.03	120.83	-64.80
5861.40	Peak	38.65	18.92	57.56	109.01	-51.44
5889.30	Peak	37.93	18.93	56.86	94.59	-37.72
5980.50	Peak	38.08	19.06	57.13	68.20	-11.07

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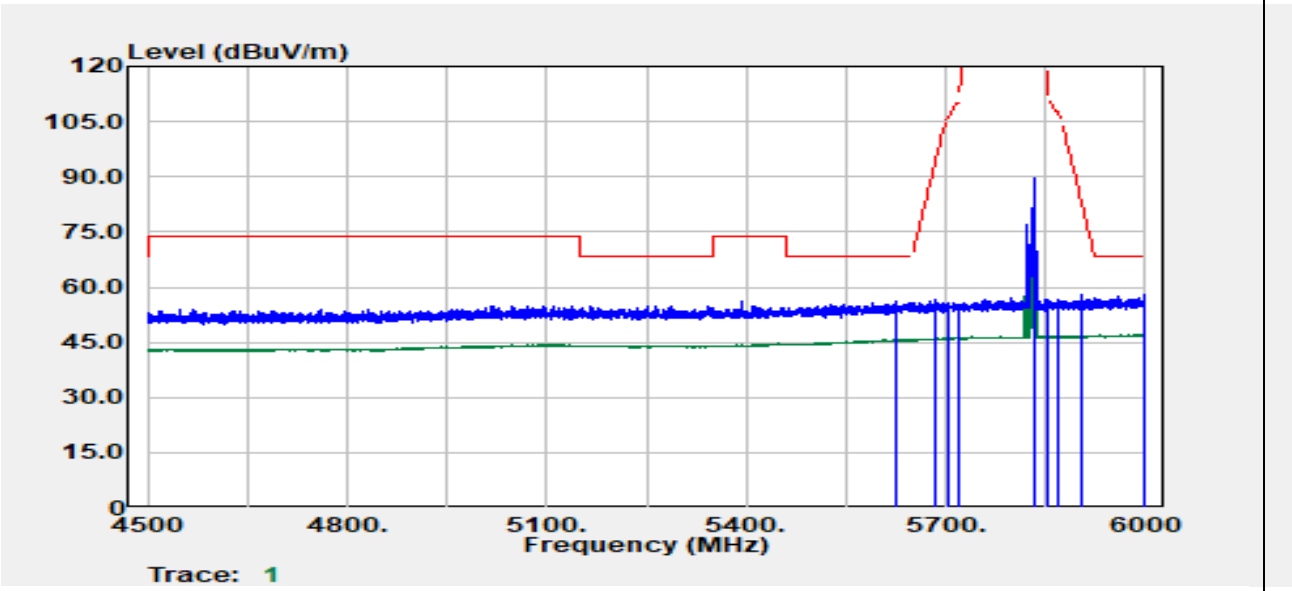
Test Mode	IEEE 802.11ax HE20 (26/8) / 5825 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5623.50	Peak	38.04	18.12	56.16	68.20	-12.04
5684.40	Peak	38.21	18.43	56.63	93.69	-37.06
5702.70	Peak	37.09	18.53	55.62	105.96	-50.34
5721.00	Peak	36.59	18.68	55.26	113.08	-57.82
5833.20	Peak	70.87	18.89	89.76	- -	- -
5833.20	Average	61.48	18.89	80.37	- -	- -
5853.90	Peak	37.74	18.91	56.66	113.31	-56.65
5869.50	Peak	37.75	18.92	56.67	106.74	-50.07
5904.30	Peak	38.81	18.95	57.76	83.48	-25.72
5999.10	Peak	38.70	19.08	57.78	68.20	-10.42

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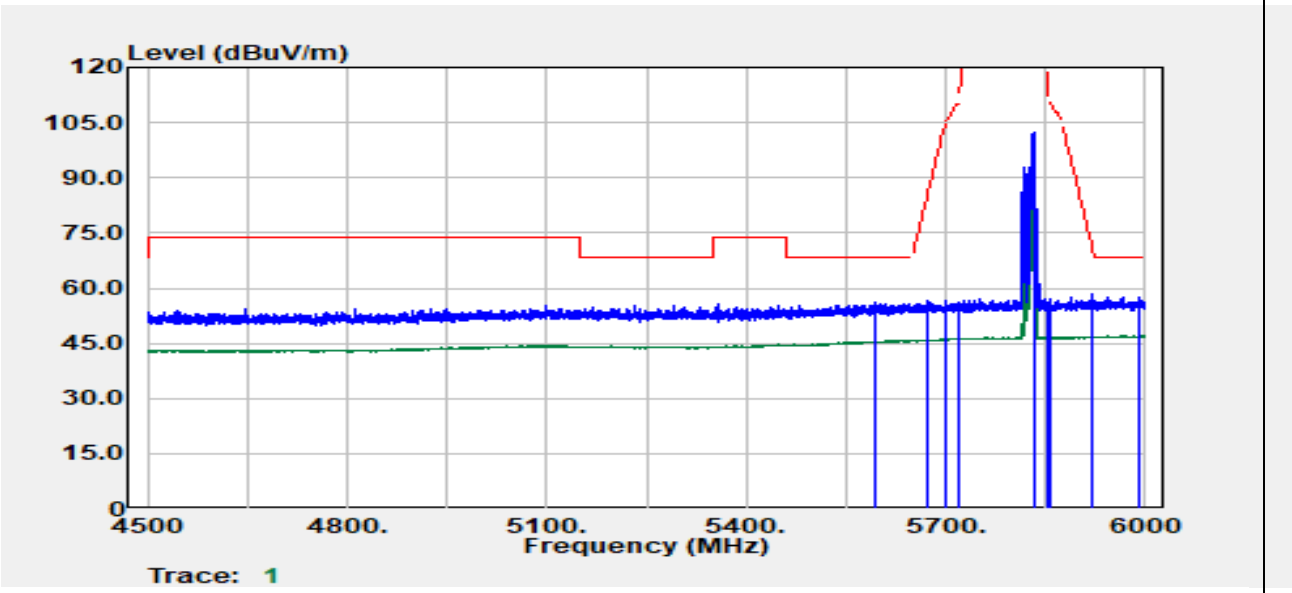
Test Mode	IEEE 802.11ax HE20 (52/40) / 5825 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5595.60	Peak	38.09	18.00	56.09	68.20	-12.11
5673.60	Peak	38.06	18.37	56.43	85.70	-29.28
5701.20	Peak	38.14	18.52	56.66	105.54	-48.88
5721.30	Peak	36.97	18.68	55.65	113.77	-58.12
5832.60	Peak	83.54	18.89	102.43	- -	- -
5832.60	Average	74.59	18.89	93.48	- -	- -
5852.10	Peak	37.12	18.91	56.03	117.41	-61.38
5858.10	Peak	38.02	18.91	56.94	109.93	-52.99
5918.10	Peak	39.62	18.97	58.59	73.29	-14.70
5990.10	Peak	38.31	19.07	57.38	68.20	-10.82

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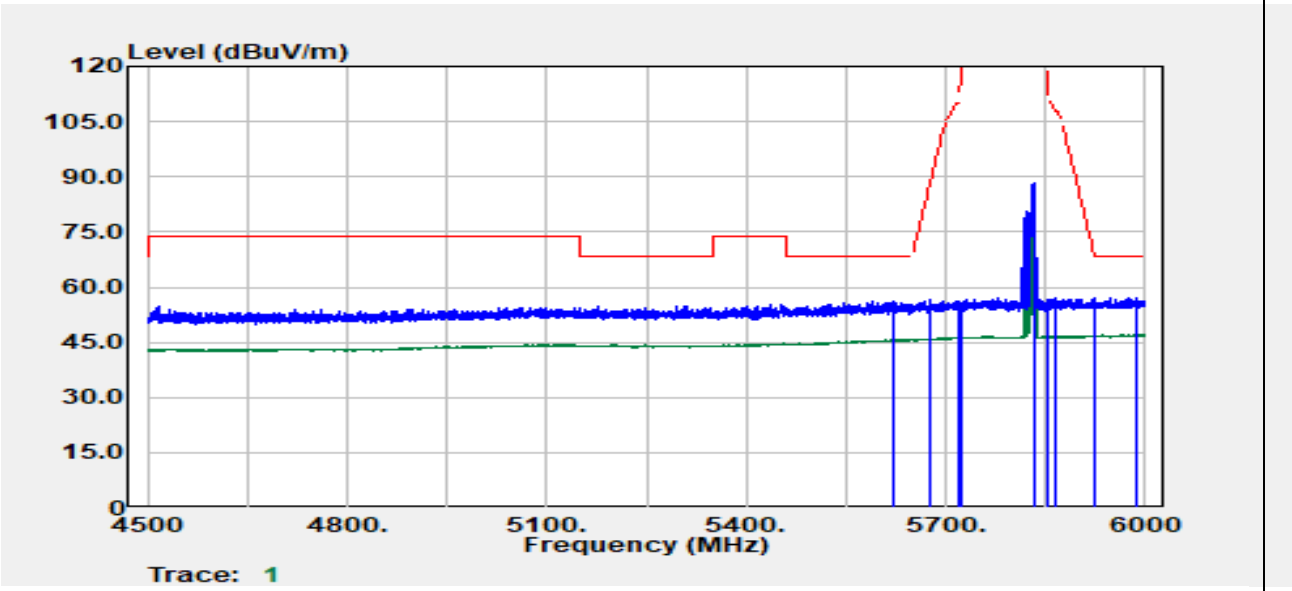
Test Mode	IEEE 802.11ax HE20 (52/40) / 5825 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5622.90	Peak	38.11	18.12	56.23	68.20	-11.97
5676.30	Peak	38.12	18.38	56.50	87.70	-31.20
5719.80	Peak	37.52	18.67	56.19	110.74	-54.55
5723.70	Peak	36.99	18.70	55.69	119.24	-63.55
5833.20	Peak	69.20	18.89	88.09	- -	- -
5833.20	Average	60.60	18.89	79.49	- -	- -
5853.30	Peak	37.66	18.91	56.58	114.67	-58.10
5864.10	Peak	38.15	18.92	57.07	108.25	-51.18
5924.70	Peak	38.27	18.98	57.25	68.42	-11.17
5988.60	Peak	38.07	19.07	57.13	68.20	-11.07

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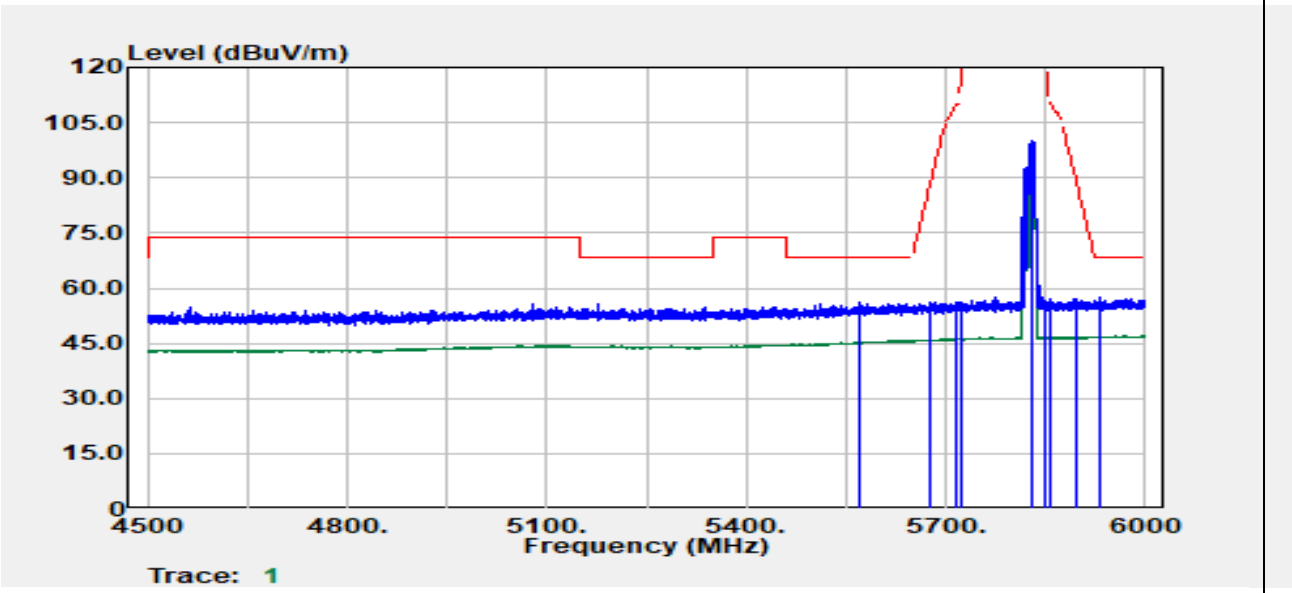
Test Mode	IEEE 802.11ax HE20 (106/54) / 5825 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5571.00	Peak	38.37	17.87	56.24	68.20	-11.96
5674.80	Peak	37.76	18.37	56.14	86.59	-30.46
5717.10	Peak	37.68	18.65	56.33	109.99	-53.66
5723.70	Peak	36.69	18.70	55.39	119.24	-63.84
5827.80	Peak	81.23	18.88	100.11	- -	- -
5827.80	Average	71.13	18.88	90.01	- -	- -
5850.90	Peak	37.61	18.91	56.52	120.15	-63.63
5856.60	Peak	37.96	18.91	56.87	110.35	-53.48
5897.40	Peak	37.93	18.94	56.87	88.59	-31.72
5932.50	Peak	38.32	18.99	57.31	68.20	-10.89

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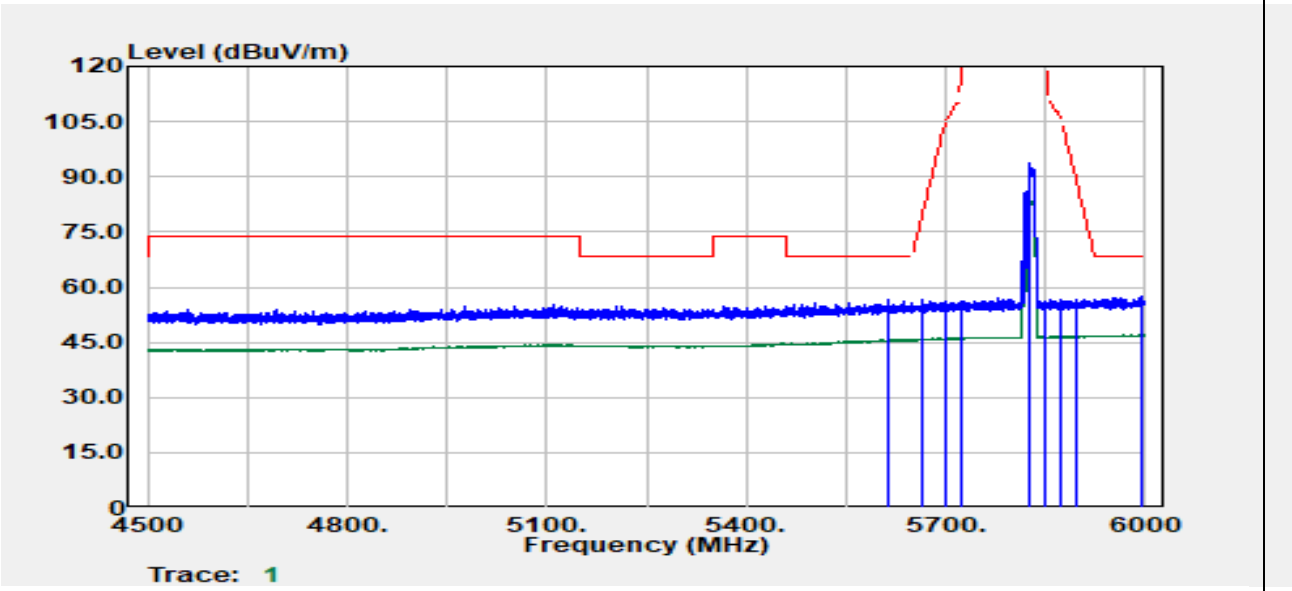
Test Mode	IEEE 802.11ax HE20 (106/54) / 5825 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5613.30	Peak	38.42	18.08	56.50	68.20	-11.70
5664.60	Peak	38.44	18.32	56.76	79.04	-22.28
5700.00	Peak	37.86	18.51	56.37	105.20	-48.83
5721.90	Peak	37.24	18.69	55.93	115.13	-59.21
5827.20	Peak	74.74	18.88	93.62	- -	- -
5827.20	Average	64.29	18.88	83.17	- -	- -
5850.30	Peak	37.43	18.91	56.34	121.52	-65.18
5874.00	Peak	37.88	18.92	56.80	105.48	-48.68
5897.10	Peak	37.80	18.94	56.74	88.81	-32.06
5995.80	Peak	38.29	19.07	57.36	68.20	-10.84

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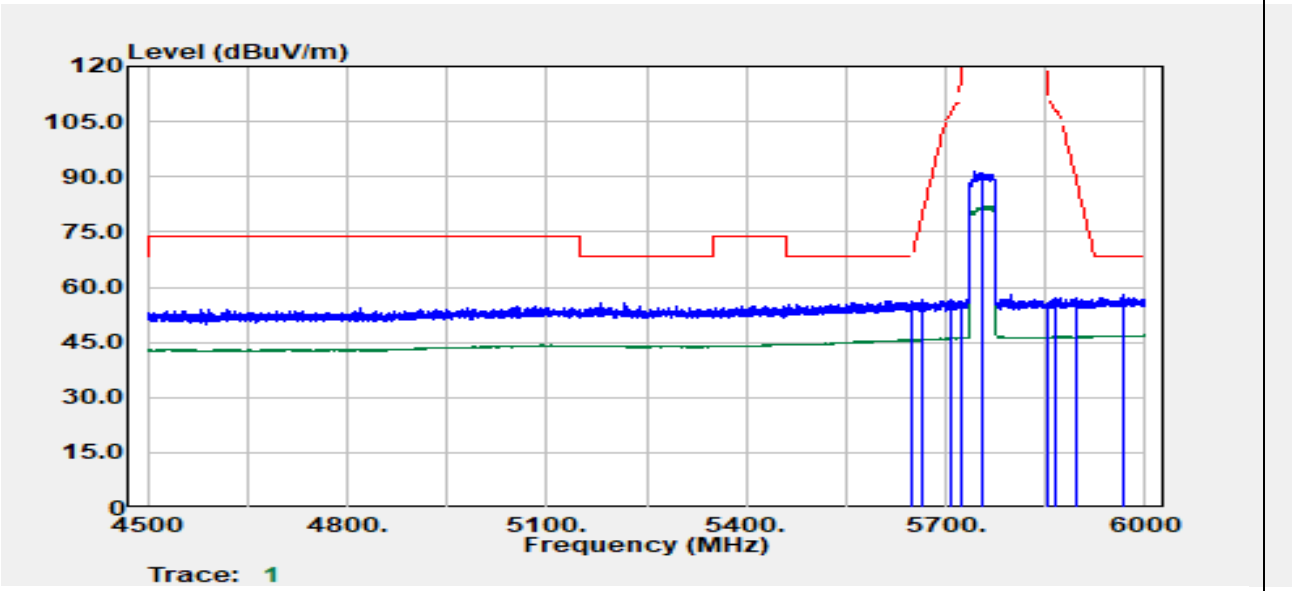
Test Mode	IEEE 802.11ax HE40 / 5755 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Band Edge	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5649.90	Peak	38.07	18.24	56.31	68.20	-11.89
5664.00	Peak	38.32	18.32	56.64	78.59	-21.95
5707.80	Peak	38.07	18.57	56.64	107.39	-50.74
5723.40	Peak	37.60	18.70	56.30	118.55	-62.25
5755.00	Peak	72.78	18.90	91.68	- -	- -
5755.00	Average	62.99	18.90	81.89	- -	- -
5853.90	Peak	36.70	18.91	55.61	113.31	-57.70
5863.50	Peak	38.06	18.92	56.98	108.42	-51.44
5896.20	Peak	37.96	18.94	56.90	89.47	-32.58
5967.60	Peak	38.89	19.04	57.93	68.20	-10.27

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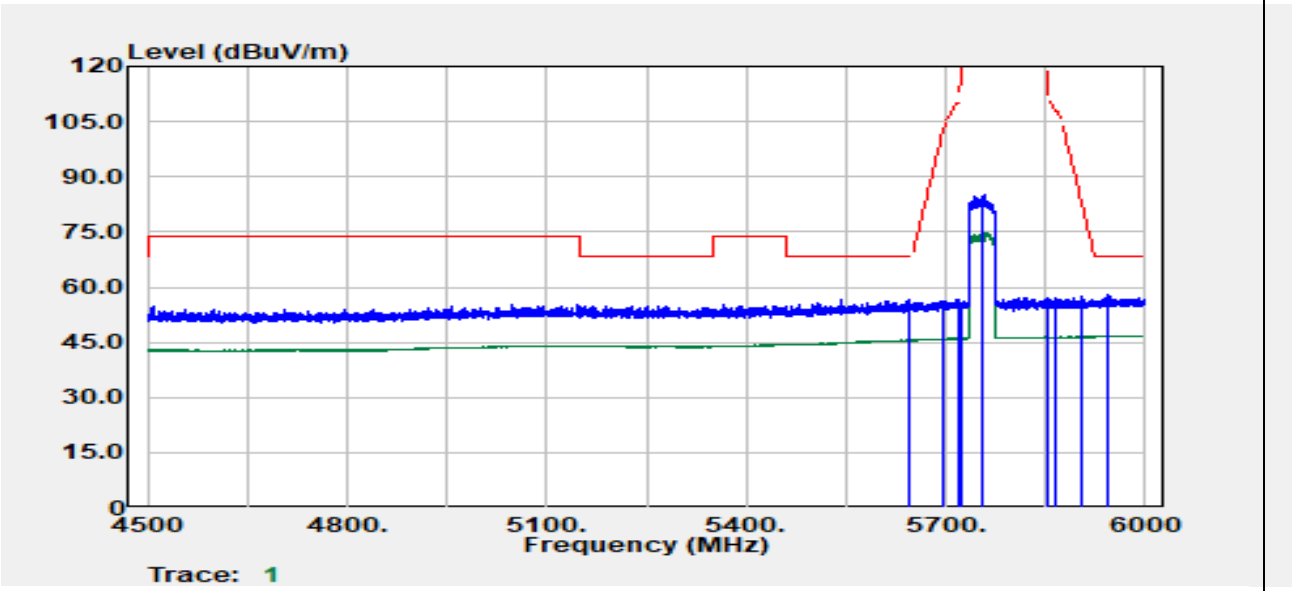
Test Mode	IEEE 802.11ax HE40 / 5755 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Band Edge	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5643.30	Peak	38.32	18.21	56.53	68.20	-11.67
5697.30	Peak	37.74	18.50	56.23	103.21	-46.98
5718.90	Peak	37.83	18.66	56.49	110.49	-54.00
5723.70	Peak	36.94	18.70	55.64	119.24	-63.60
5755.00	Peak	66.00	18.90	84.91	- -	- -
5755.00	Average	55.96	18.90	74.86	- -	- -
5853.90	Peak	38.23	18.91	57.14	113.31	-56.17
5866.20	Peak	38.08	18.92	57.00	107.66	-50.67
5903.70	Peak	38.50	18.95	57.45	83.92	-26.48
5943.00	Peak	38.86	19.01	57.86	68.20	-10.34

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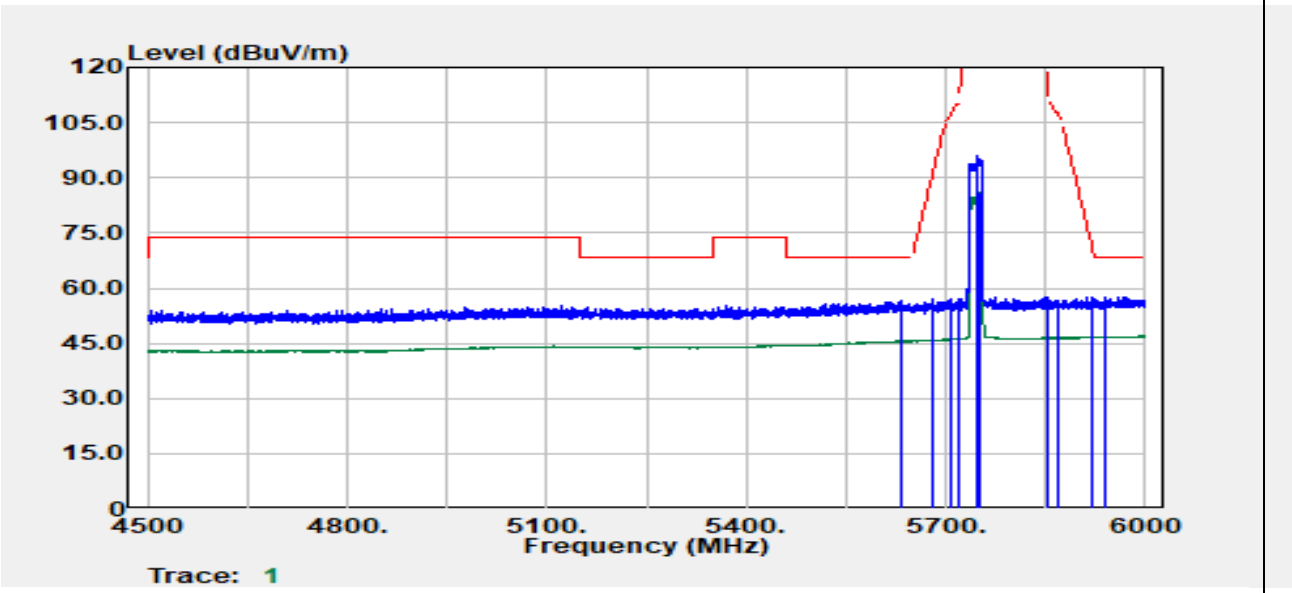
Test Mode	IEEE 802.11ax HE40 (242/61) / 5755 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Band Edge	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5634.30	Peak	38.40	18.17	56.58	68.20	-11.62
5678.70	Peak	38.51	18.39	56.91	89.48	-32.57
5707.50	Peak	38.39	18.57	56.96	107.30	-50.34
5720.10	Peak	38.17	18.67	56.84	111.03	-54.19
5748.00	Peak	76.92	18.89	95.82	- -	- -
5751.30	Average	67.09	18.91	86.00	- -	- -
5853.90	Peak	38.44	18.91	57.36	113.31	-55.95
5868.00	Peak	37.77	18.92	56.69	107.16	-50.47
5921.10	Peak	38.72	18.97	57.70	71.07	-13.38
5940.60	Peak	38.55	19.00	57.56	68.20	-10.64

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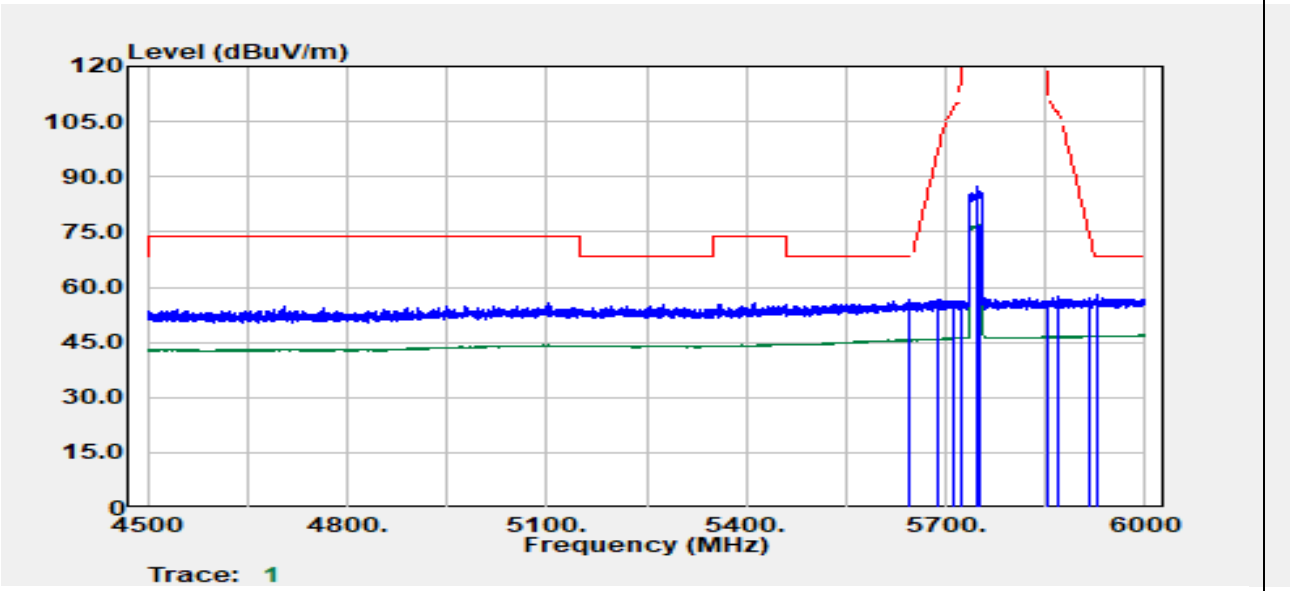
Test Mode	IEEE 802.11ax HE40 (242/61) / 5755 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Band Edge	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5644.80	Peak	38.26	18.22	56.48	68.20	-11.72
5686.20	Peak	38.27	18.44	56.71	95.02	-38.31
5713.50	Peak	37.75	18.62	56.37	108.98	-52.61
5721.60	Peak	37.37	18.68	56.06	114.45	-58.39
5748.00	Peak	68.42	18.89	87.31	- -	- -
5752.20	Average	58.09	18.91	77.00	- -	- -
5854.80	Peak	37.15	18.91	56.07	111.26	-55.19
5867.70	Peak	38.49	18.92	57.41	107.24	-49.83
5916.90	Peak	38.24	18.97	57.20	74.17	-16.97
5927.10	Peak	39.03	18.98	58.02	68.20	-10.18

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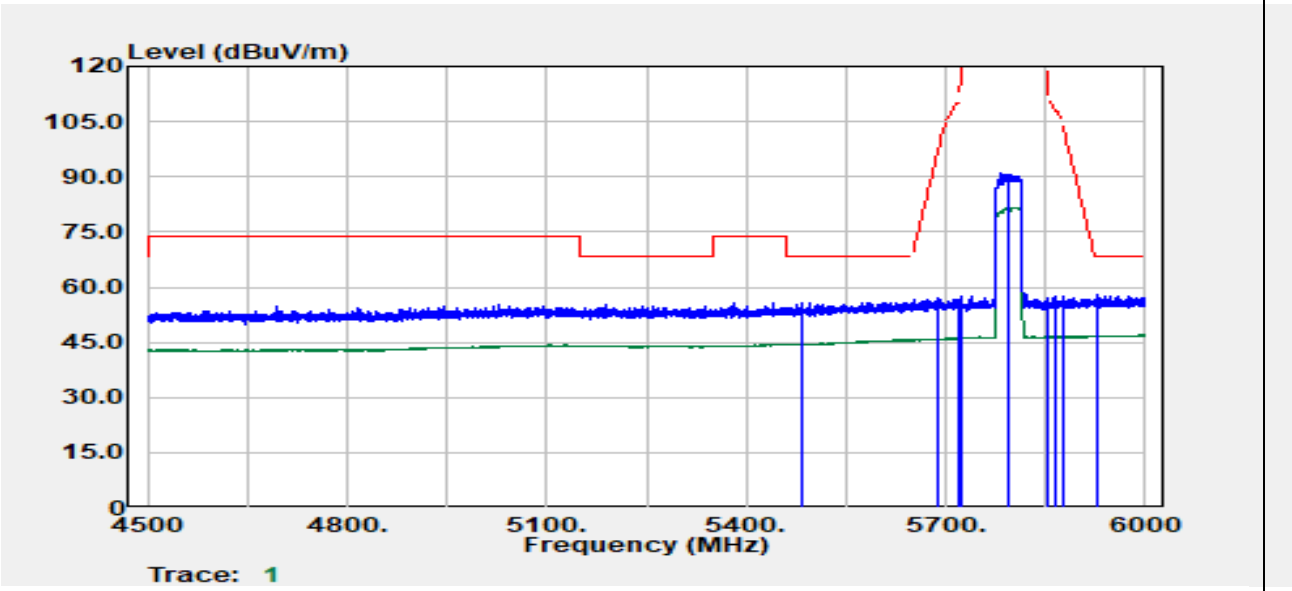
Test Mode	IEEE 802.11ax HE40 / 5795 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Band Edge	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5481.90	Peak	38.44	17.46	55.90	68.20	-12.30
5686.20	Peak	38.47	18.44	56.91	95.02	-38.11
5718.30	Peak	38.14	18.66	56.79	110.32	-53.53
5722.80	Peak	38.67	18.69	57.37	117.19	-59.82
5795.00	Peak	71.96	18.86	90.81	- -	- -
5795.00	Average	62.70	18.86	81.56	- -	- -
5853.30	Peak	38.34	18.91	57.25	114.67	-57.43
5863.20	Peak	38.64	18.92	57.56	108.50	-50.94
5875.80	Peak	38.57	18.93	57.49	104.61	-47.11
5928.30	Peak	38.89	18.99	57.88	68.20	-10.32

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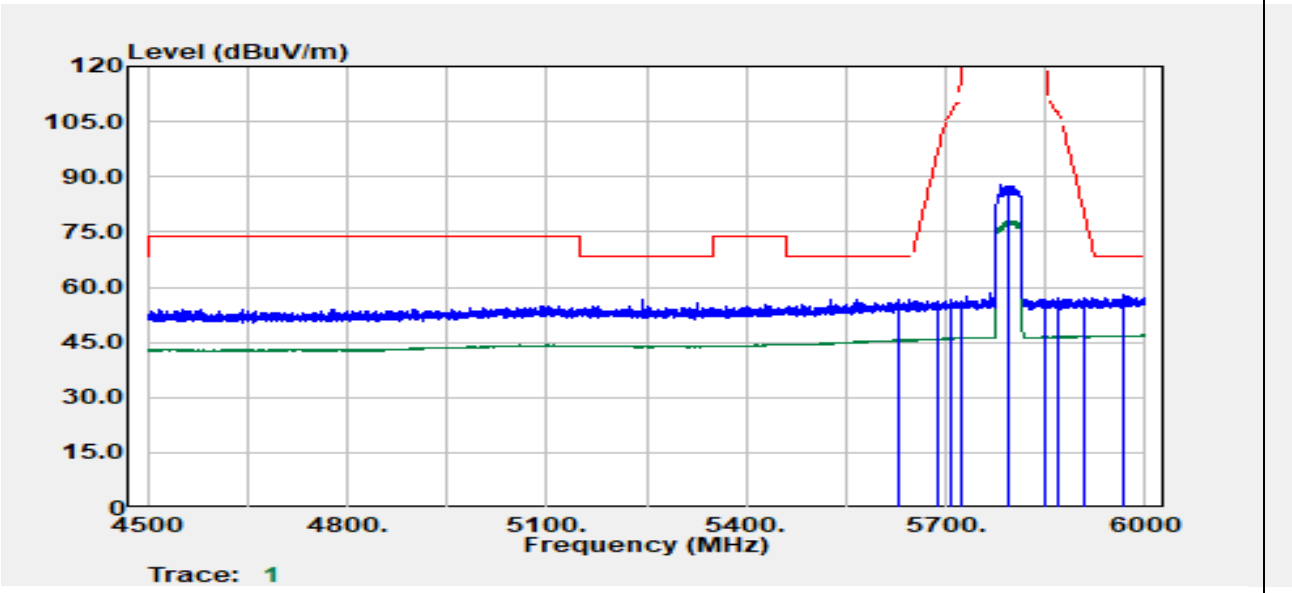
Test Mode	IEEE 802.11ax HE40 / 5795 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Band Edge	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5630.40	Peak	38.41	18.15	56.56	68.20	-11.64
5688.00	Peak	37.86	18.45	56.30	96.35	-40.05
5707.80	Peak	38.01	18.57	56.58	107.39	-50.80
5723.10	Peak	37.26	18.69	55.95	117.87	-61.92
5795.00	Peak	69.08	18.86	87.94	- -	- -
5795.00	Average	59.25	18.86	78.11	- -	- -
5851.20	Peak	37.29	18.91	56.21	119.46	-63.26
5867.70	Peak	38.07	18.92	56.99	107.24	-50.25
5906.40	Peak	38.10	18.95	57.05	81.93	-24.88
5968.80	Peak	39.09	19.04	58.13	68.20	-10.07

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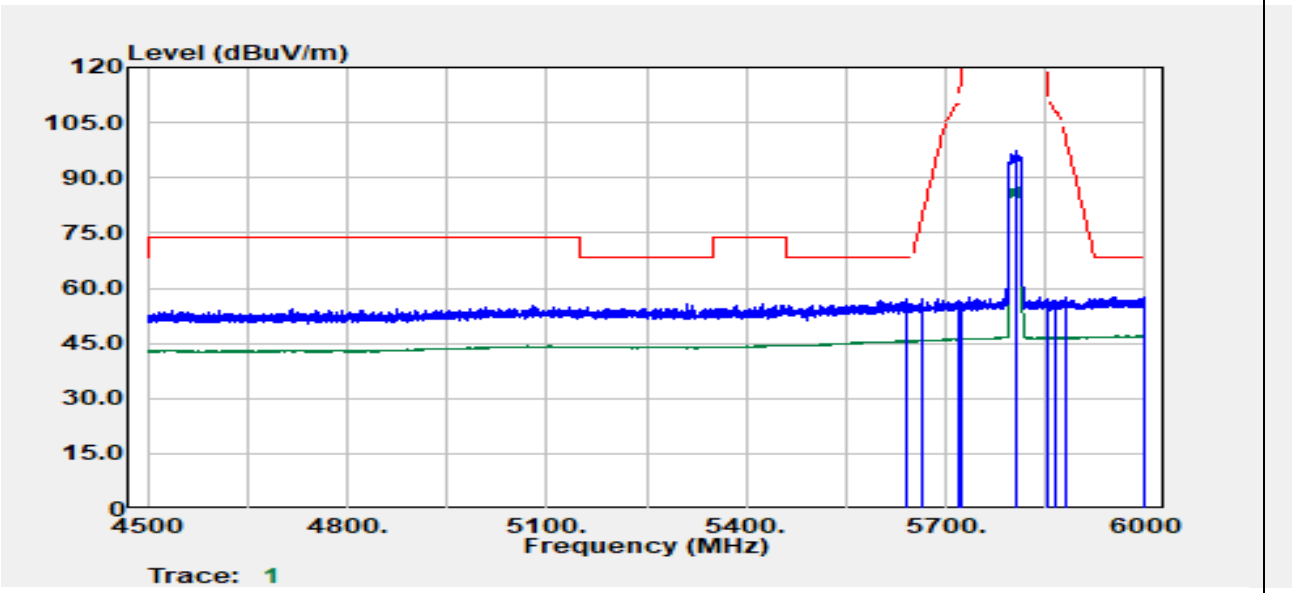
Test Mode	IEEE 802.11ax HE40 (242/62) / 5795 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Band Edge	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5642.70	Peak	39.04	18.21	57.25	68.20	-10.95
5664.90	Peak	38.60	18.32	56.92	79.26	-22.34
5719.50	Peak	37.92	18.67	56.58	110.66	-54.08
5721.90	Peak	37.66	18.69	56.35	115.13	-58.79
5805.60	Average	68.53	18.86	87.38	- -	- -
5807.40	Peak	78.47	18.86	97.33	- -	- -
5853.00	Peak	38.26	18.91	57.17	115.36	-58.19
5864.70	Peak	37.73	18.92	56.65	108.08	-51.43
5882.40	Peak	38.59	18.93	57.52	99.70	-42.19
5999.40	Peak	38.57	19.08	57.65	68.20	-10.55

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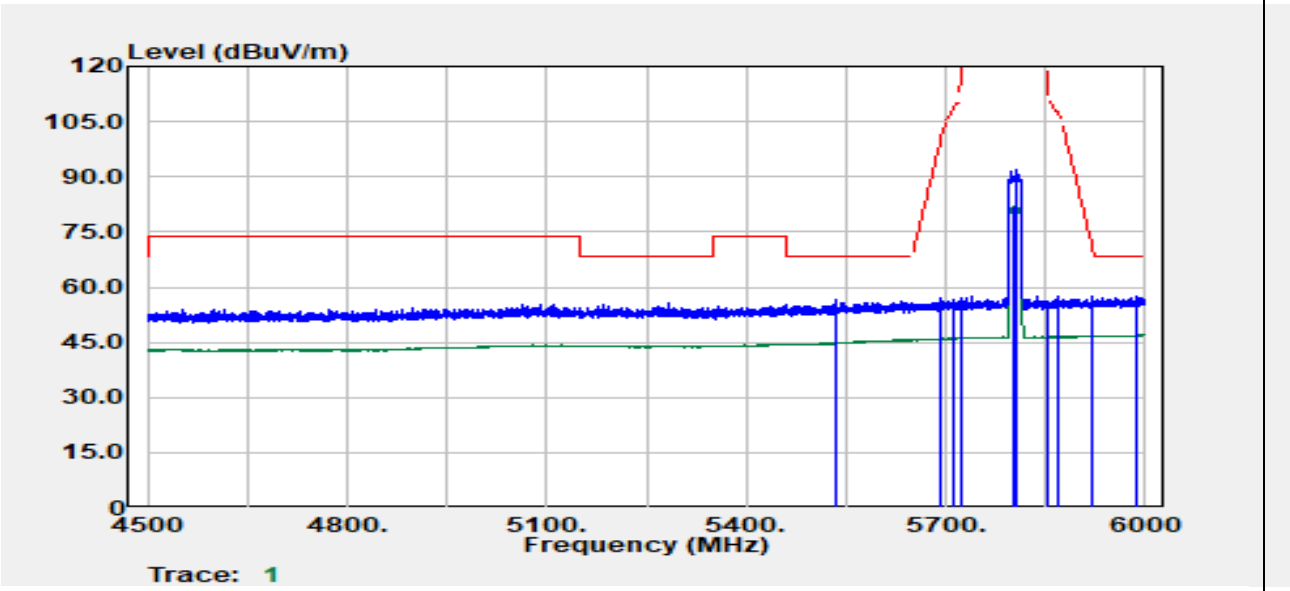
Test Mode	IEEE 802.11ax HE40 (242/62) / 5795 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Band Edge	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5536.20	Peak	38.73	17.67	56.41	68.20	-11.79
5691.30	Peak	38.69	18.46	57.15	98.79	-41.63
5712.00	Peak	37.82	18.61	56.43	108.56	-52.13
5724.00	Peak	38.24	18.70	56.94	119.92	-62.98
5803.20	Average	63.11	18.85	81.97	- -	- -
5807.40	Peak	72.96	18.86	91.82	- -	- -
5853.90	Peak	37.18	18.91	56.09	113.31	-57.22
5869.80	Peak	38.53	18.92	57.45	106.65	-49.20
5919.00	Peak	38.32	18.97	57.29	72.62	-15.34
5987.70	Peak	38.58	19.07	57.65	68.20	-10.55

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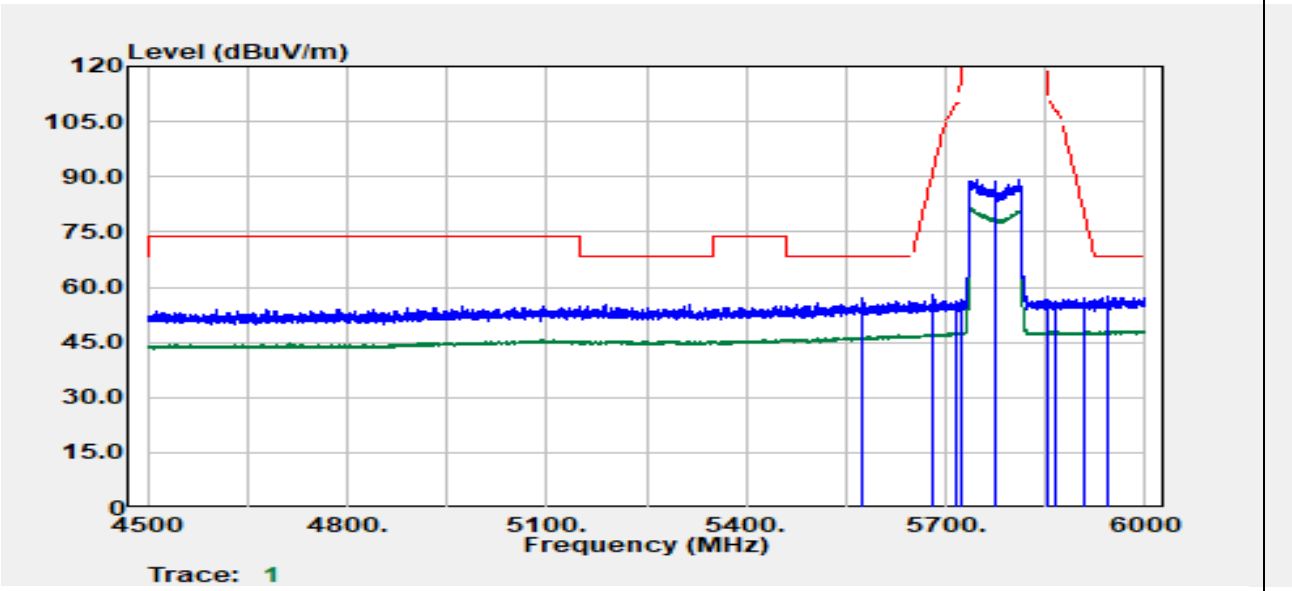
Test Mode	IEEE 802.11ax HE80 / 5775 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Band Edge	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5575.80	Peak	39.18	17.89	57.07	68.20	-11.13
5679.30	Peak	39.38	18.40	57.77	89.92	-32.15
5713.80	Peak	37.55	18.62	56.17	109.07	-52.90
5722.20	Peak	38.08	18.69	56.77	115.82	-59.04
5775.00	Peak	70.46	18.88	89.34	- -	- -
5775.00	Average	62.53	18.88	81.41	- -	- -
5851.80	Peak	37.55	18.91	56.46	118.09	-61.64
5863.20	Peak	37.13	18.92	56.05	108.50	-52.46
5906.40	Peak	37.99	18.95	56.94	81.93	-24.99
5943.00	Peak	38.62	19.01	57.62	68.20	-10.58

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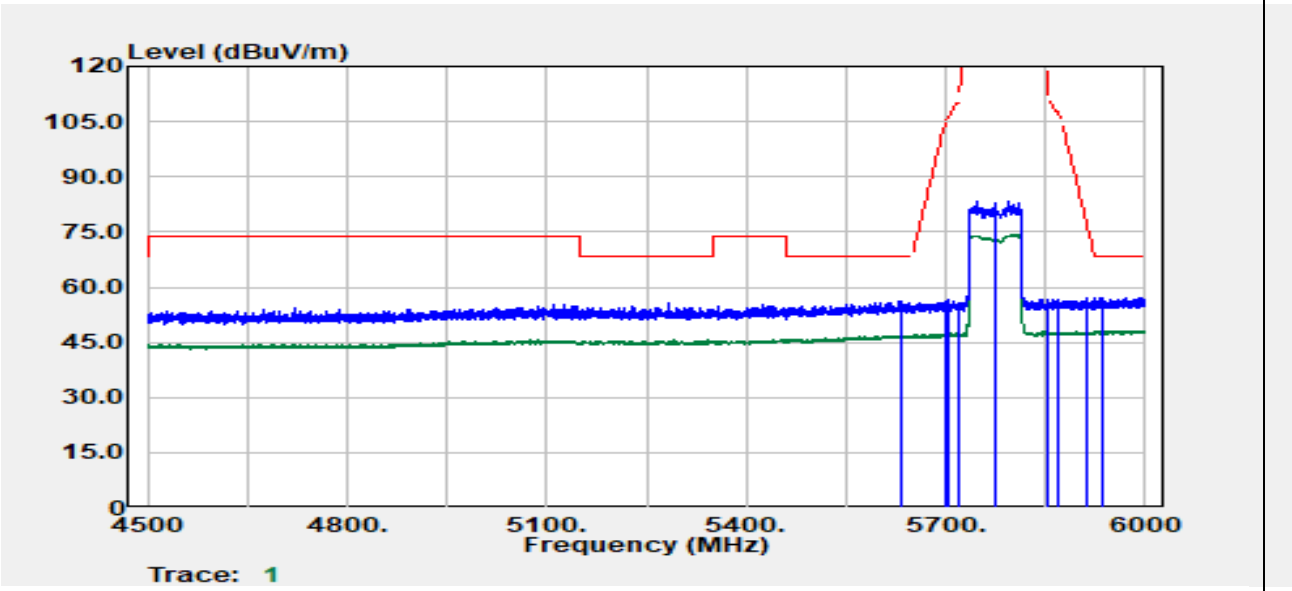
Test Mode	IEEE 802.11ax HE80 / 5775 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Band Edge	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5631.30	Peak	38.07	18.16	56.23	68.20	-11.97
5698.80	Peak	37.87	18.50	56.37	104.32	-47.94
5702.70	Peak	38.10	18.53	56.63	105.96	-49.33
5721.00	Peak	37.18	18.68	55.86	113.08	-57.22
5775.00	Peak	64.50	18.88	83.38	- -	- -
5775.00	Average	55.27	18.88	74.15	- -	- -
5853.00	Peak	37.88	18.91	56.79	115.36	-58.57
5867.40	Peak	37.72	18.92	56.64	107.33	-50.69
5912.10	Peak	38.02	18.96	56.98	77.72	-20.74
5934.00	Peak	38.22	18.99	57.22	68.20	-10.98

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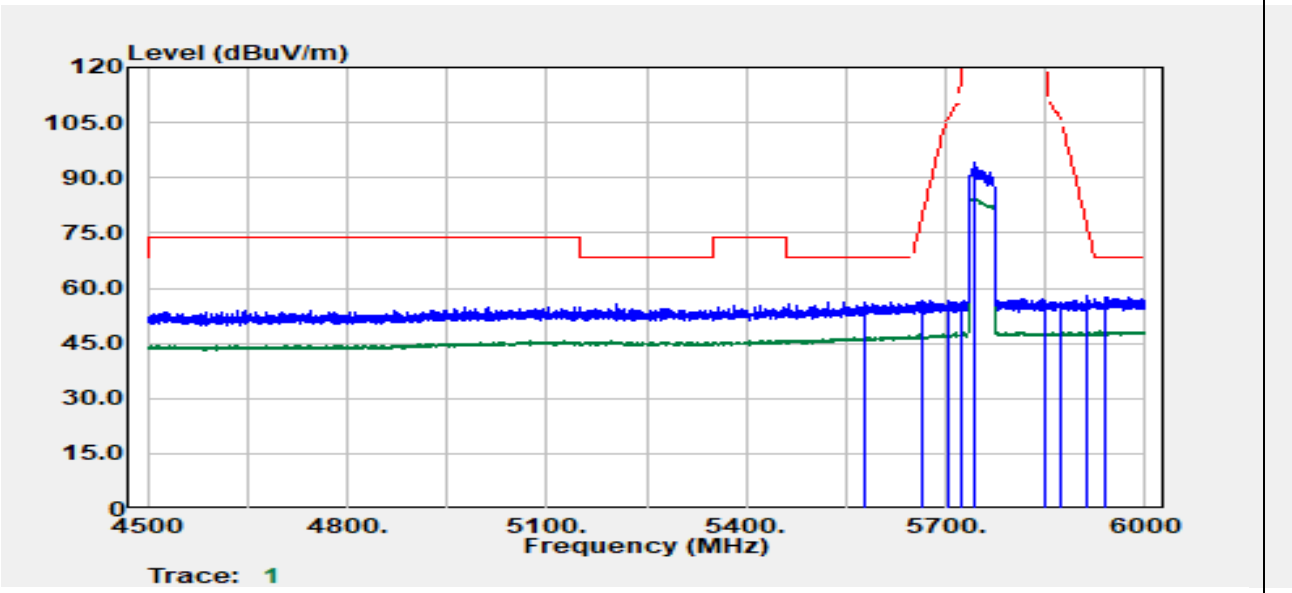
Test Mode	IEEE 802.11ax HE80 (484/65) / 5775 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Band Edge	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5578.20	Peak	38.28	17.91	56.19	68.20	-12.01
5663.70	Peak	38.24	18.31	56.56	78.37	-21.81
5702.70	Peak	37.96	18.53	56.49	105.96	-49.47
5722.50	Peak	37.48	18.69	56.17	116.50	-60.34
5742.60	Average	65.54	18.85	84.39	- -	- -
5743.50	Peak	75.45	18.86	94.31	- -	- -
5850.00	Peak	37.53	18.91	56.44	122.20	-65.76
5872.80	Peak	37.38	18.92	56.30	105.82	-49.51
5913.00	Peak	38.89	18.96	57.85	77.05	-19.20
5937.90	Peak	38.61	19.00	57.61	68.20	-10.59

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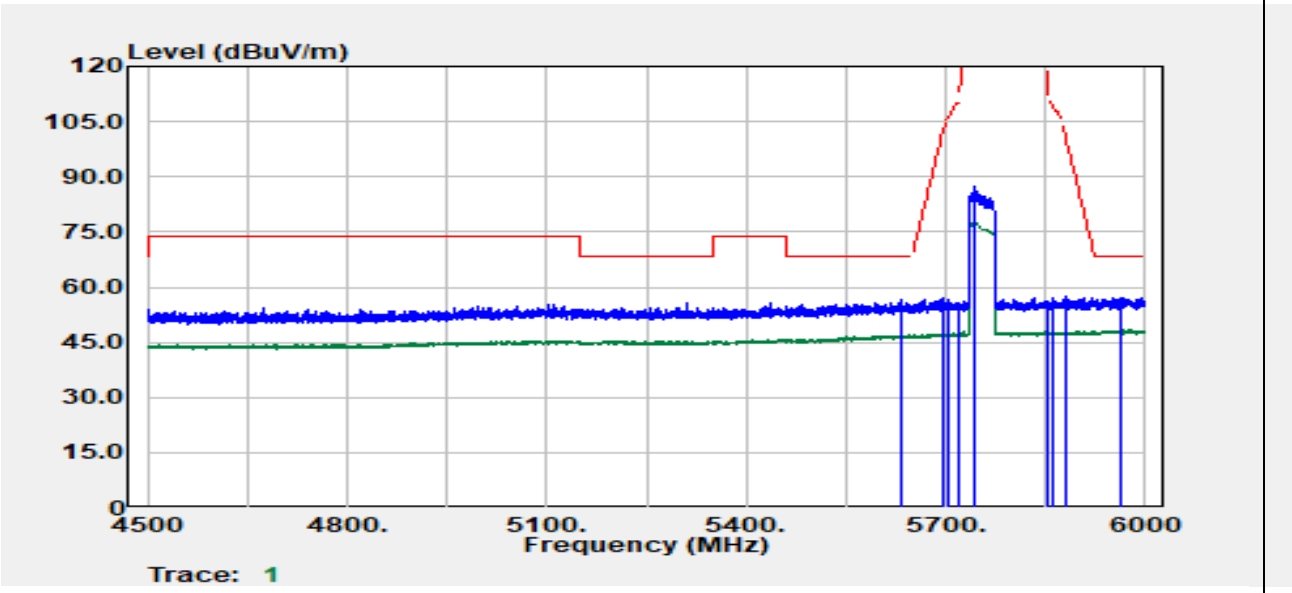
Test Mode	IEEE 802.11ax HE80 (484/65) / 5775 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Band Edge	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5631.30	Peak	38.31	18.16	56.47	68.20	-11.73
5697.60	Peak	38.34	18.50	56.84	103.43	-46.59
5703.30	Peak	37.87	18.54	56.40	106.13	-49.72
5720.10	Peak	37.16	18.67	55.83	111.03	-55.20
5742.60	Average	58.87	18.85	77.72	- -	- -
5743.80	Peak	68.60	18.86	87.46	- -	- -
5851.80	Peak	37.33	18.91	56.24	118.09	-61.86
5862.30	Peak	38.13	18.92	57.05	108.75	-51.70
5882.10	Peak	38.63	18.93	57.56	99.93	-42.37
5964.30	Peak	38.12	19.04	57.16	68.20	-11.04

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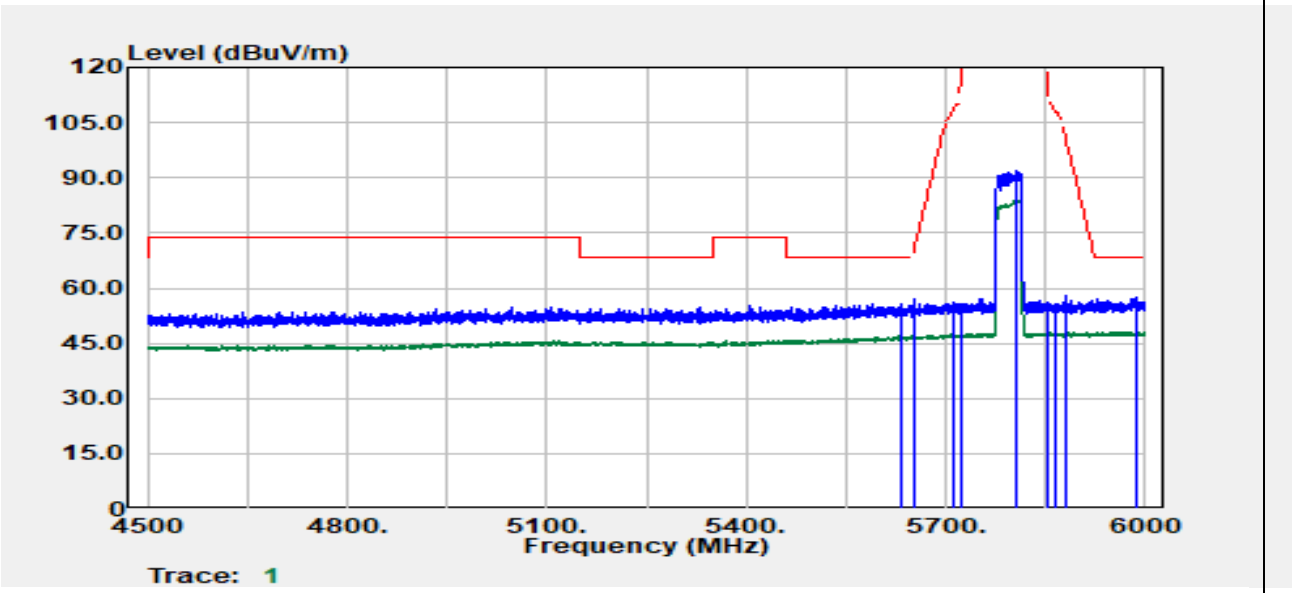
Test Mode	IEEE 802.11ax HE80 (484/66) / 5775 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Band Edge	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5633.70	Peak	37.57	18.17	55.74	68.20	-12.46
5651.40	Peak	38.70	18.25	56.95	69.24	-12.29
5710.50	Peak	37.50	18.59	56.09	108.14	-52.05
5724.60	Peak	37.21	18.71	55.91	121.29	-65.37
5806.20	Peak	72.87	18.86	91.73	- -	- -
5806.20	Average	64.99	18.86	83.84	- -	- -
5853.30	Peak	37.08	18.91	56.00	114.67	-58.68
5865.00	Peak	36.98	18.92	55.90	108.00	-52.09
5882.10	Peak	38.99	18.93	57.92	99.93	-42.01
5987.70	Peak	38.27	19.07	57.33	68.20	-10.87

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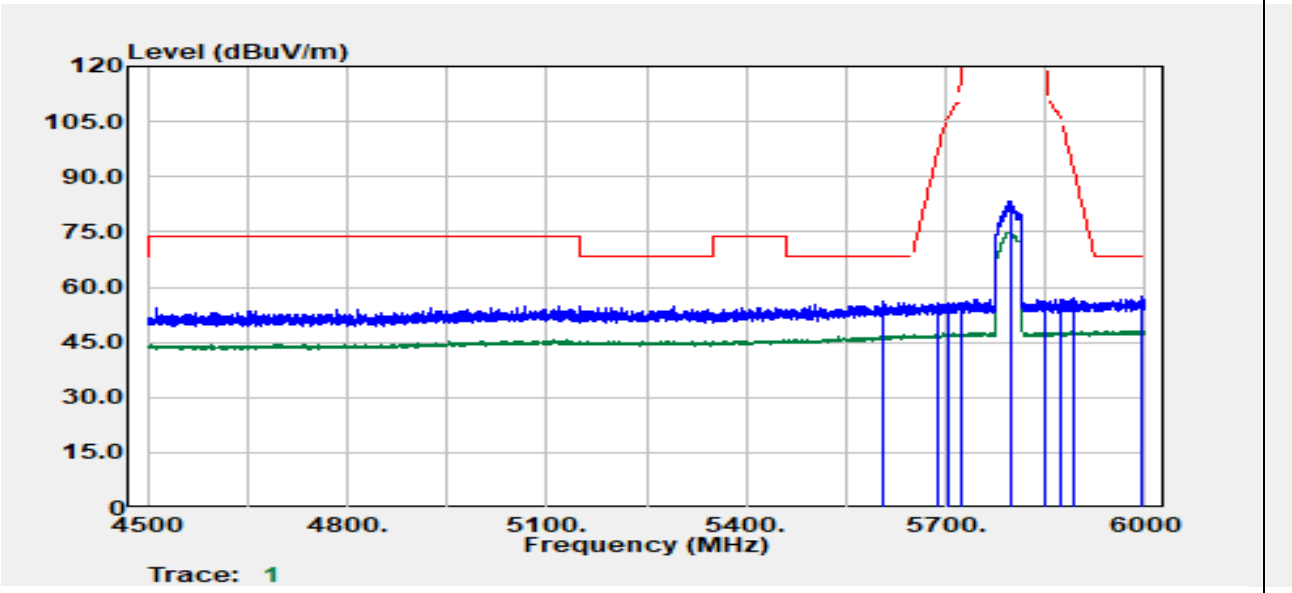
Test Mode	IEEE 802.11ax HE80 (484/66) / 5775 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Band Edge	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
5607.00	Peak	37.89	18.05	55.94	68.20	-12.26
5688.30	Peak	37.35	18.45	55.80	96.57	-40.77
5702.70	Peak	37.31	18.53	55.85	105.96	-50.11
5721.60	Peak	37.11	18.68	55.79	114.45	-58.66
5799.60	Peak	64.55	18.85	83.40	- -	- -
5799.60	Average	56.05	18.85	74.90	- -	- -
5850.90	Peak	37.16	18.91	56.07	120.15	-64.08
5874.60	Peak	37.56	18.92	56.49	105.31	-48.82
5891.70	Peak	38.28	18.94	57.22	92.81	-35.59
5994.60	Peak	38.24	19.07	57.31	68.20	-10.89

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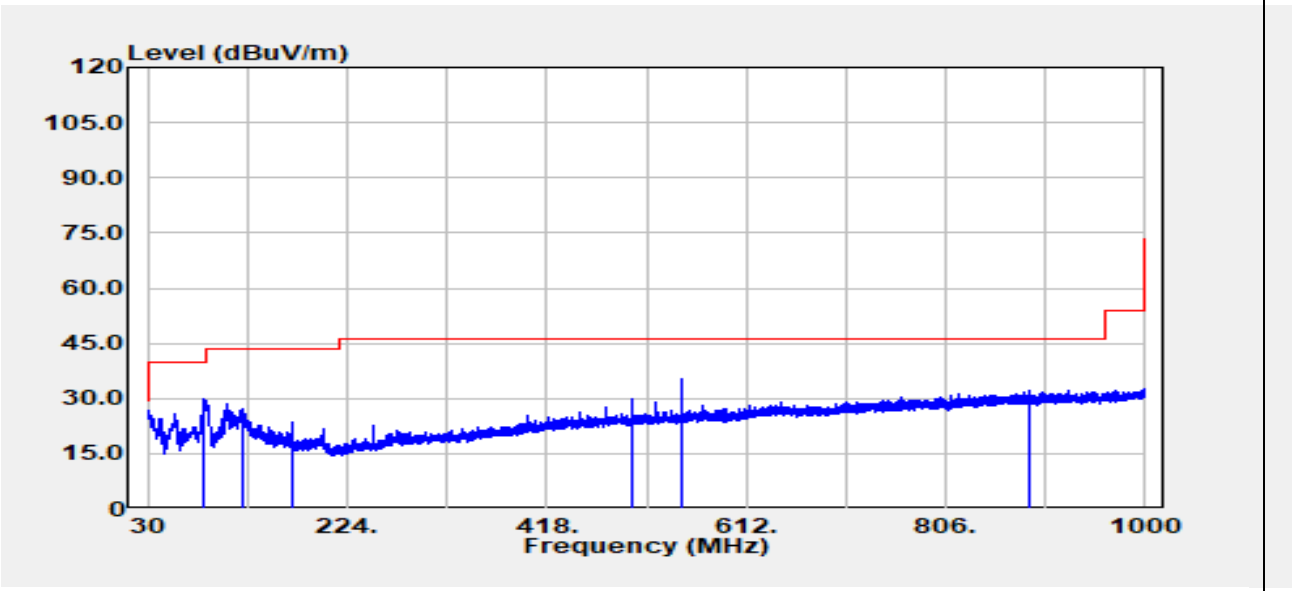
Below 1G Test Data

Test Data for UNII-1

Test Mode	IEEE 802.11a / 5180 MHz	Temp/Hum	25.1(℃)/ 60%RH
Test Item	30MHz-1GHz	Test Date	November 18, 2022
Polarize	Vertical	Test Engineer	Tony Chao
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)
85.17	Peak	46.13	-16.12	30.01	40.00	-9.99
122.64	Peak	36.34	-9.28	27.06	43.50	-16.44
170.29	Peak	34.79	-11.39	23.40	43.50	-20.10
499.97	Peak	33.95	-3.85	30.10	46.00	-15.90
550.04	Peak	38.26	-3.02	35.24	46.00	-10.76
888.45	Peak	29.81	2.17	31.98	46.00	-14.02

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.

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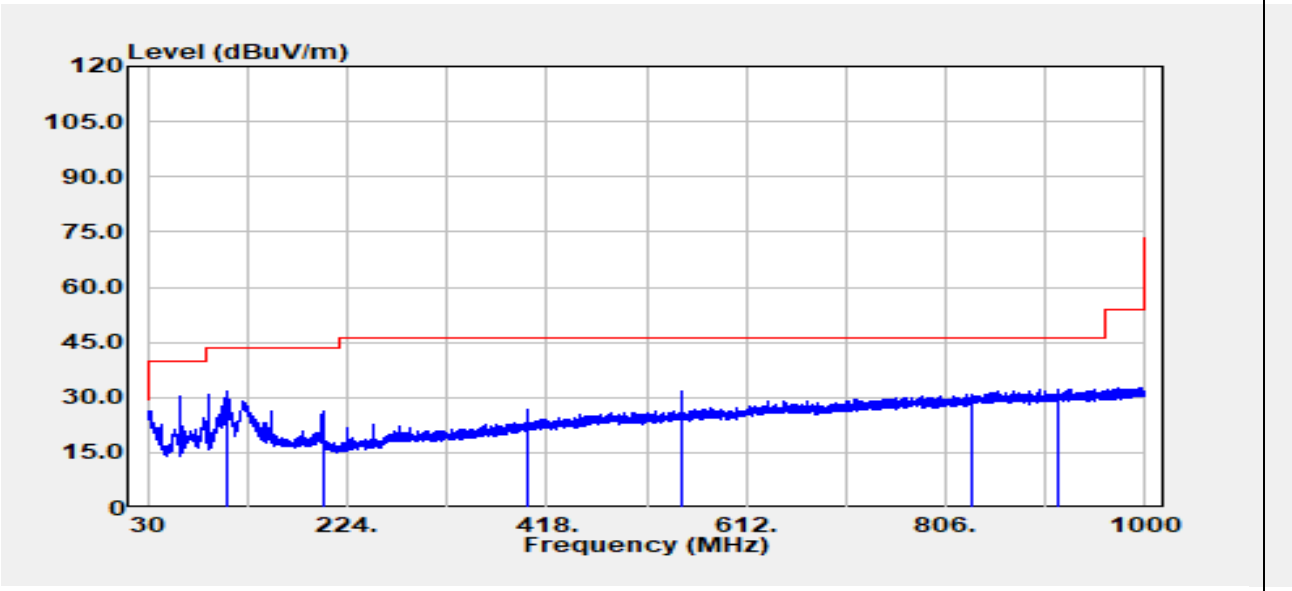
Test Mode	IEEE 802.11a / 5180 MHz	Temp/Hum	25.1(℃)/ 60%RH
Test Item	30MHz-1GHz	Test Date	November 18, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
106.75	Peak	43.00	-11.18	31.82	43.50	-11.68
199.99	Peak	36.07	-9.90	26.17	43.50	-17.33
400.06	Peak	32.69	-5.97	26.72	46.00	-19.28
550.04	Peak	34.77	-3.02	31.75	46.00	-14.25
831.58	Peak	29.20	1.67	30.87	46.00	-15.13
914.52	Peak	29.76	2.61	32.38	46.00	-13.62

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.

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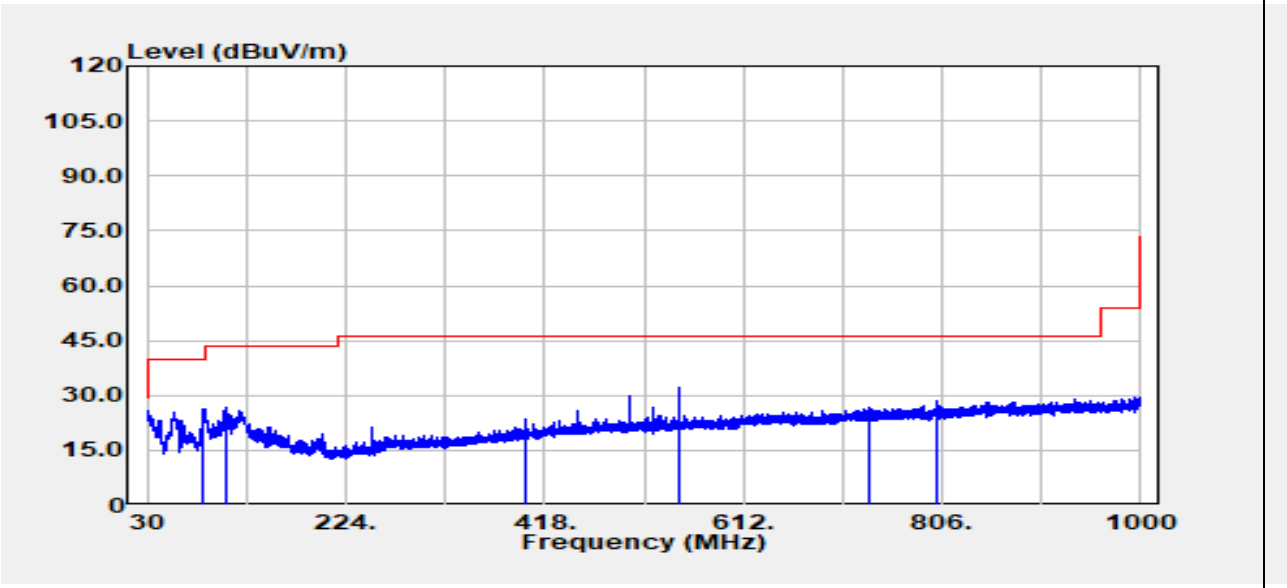
Test Data for UNII-3

Test Mode	IEEE 802.11a / 5745 MHz	Temp/Hum	25.1(℃)/ 60%RH
Test Item	30MHz-1GHz	Test Date	November 18, 2022
Polarize	Vertical	Test Engineer	Tony Chao
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)
85.29	Peak	43.33	-17.18	26.16	40.00	-13.84
106.63	Peak	39.20	-12.39	26.81	43.50	-16.69
399.93	Peak	31.91	-8.20	23.71	46.00	-22.29
550.04	Peak	38.00	-5.63	32.37	46.00	-13.63
735.92	Peak	29.36	-2.77	26.59	46.00	-19.41
800.06	Peak	30.83	-2.10	28.73	46.00	-17.27

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.

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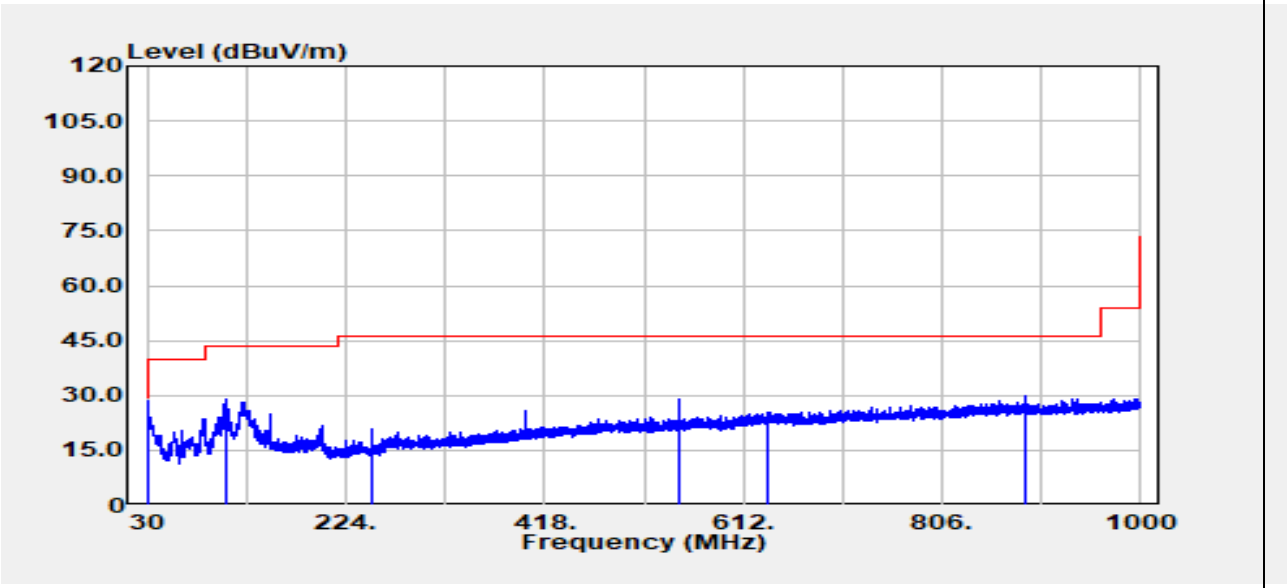
Test Mode	IEEE 802.11a / 5745 MHz	Temp/Hum	25.1(℃)/ 60%RH
Test Item	30MHz-1GHz	Test Date	November 18, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
31.58	Peak	33.01	-4.44	28.57	40.00	-11.43
106.75	Peak	41.26	-12.34	28.92	43.50	-14.58
249.95	Peak	33.70	-12.75	20.95	46.00	-25.05
550.04	Peak	34.62	-5.63	28.99	46.00	-17.01
636.13	Peak	29.43	-3.84	25.58	46.00	-20.42
887.36	Peak	30.85	-1.17	29.68	46.00	-16.32

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.

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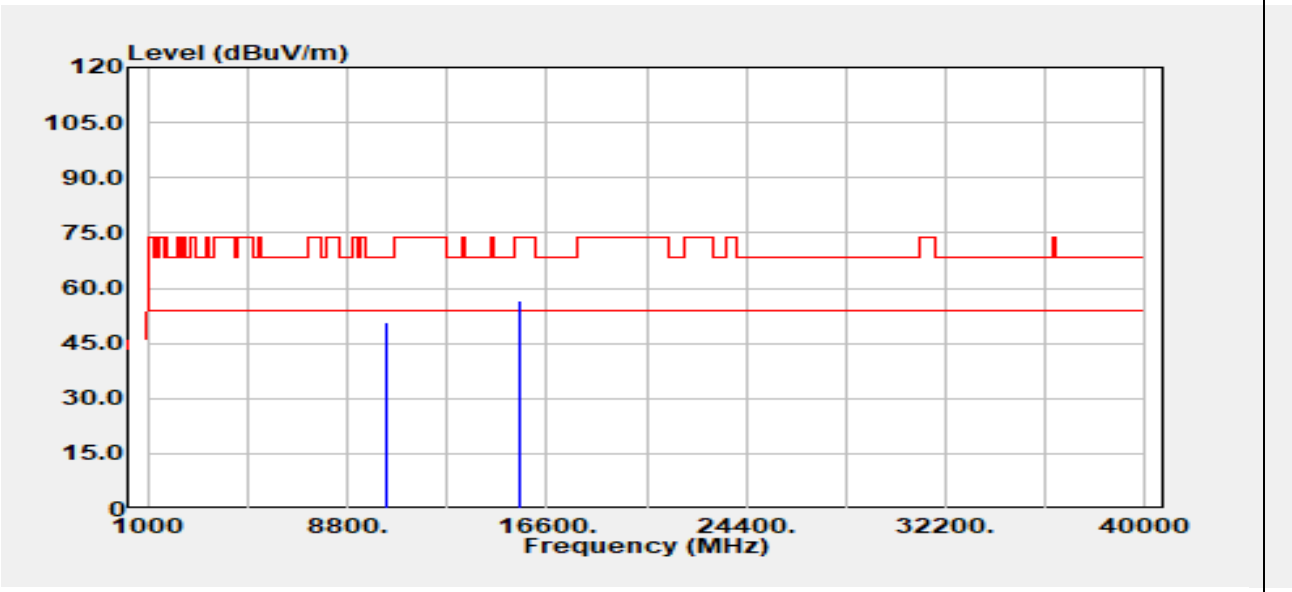
Above 1G

Test Data for UNII-1

Test Mode	IEEE 802.11a / 5180 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / 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	Peak	32.28	18.27	50.55	68.20	-17.65
15540.00	Peak	34.40	22.34	56.74	74.00	-17.26
15540.00	Average	26.61	22.34	48.95	54.00	-5.05
N/A						

Remark:

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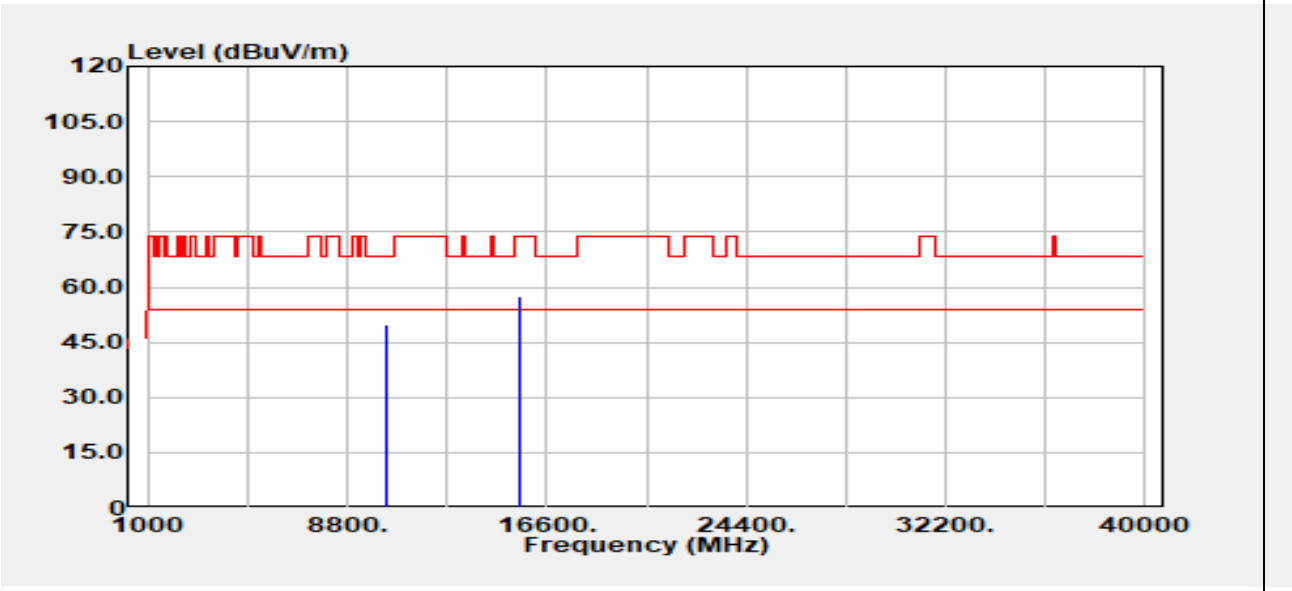
Test Mode	IEEE 802.11a / 5180 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	31.73	18.27	50.00	68.20	-18.20
15540.00	Peak	35.10	22.34	57.44	74.00	-16.56
15540.00	Average	26.64	22.34	48.97	54.00	-5.03
N/A						

Remark:

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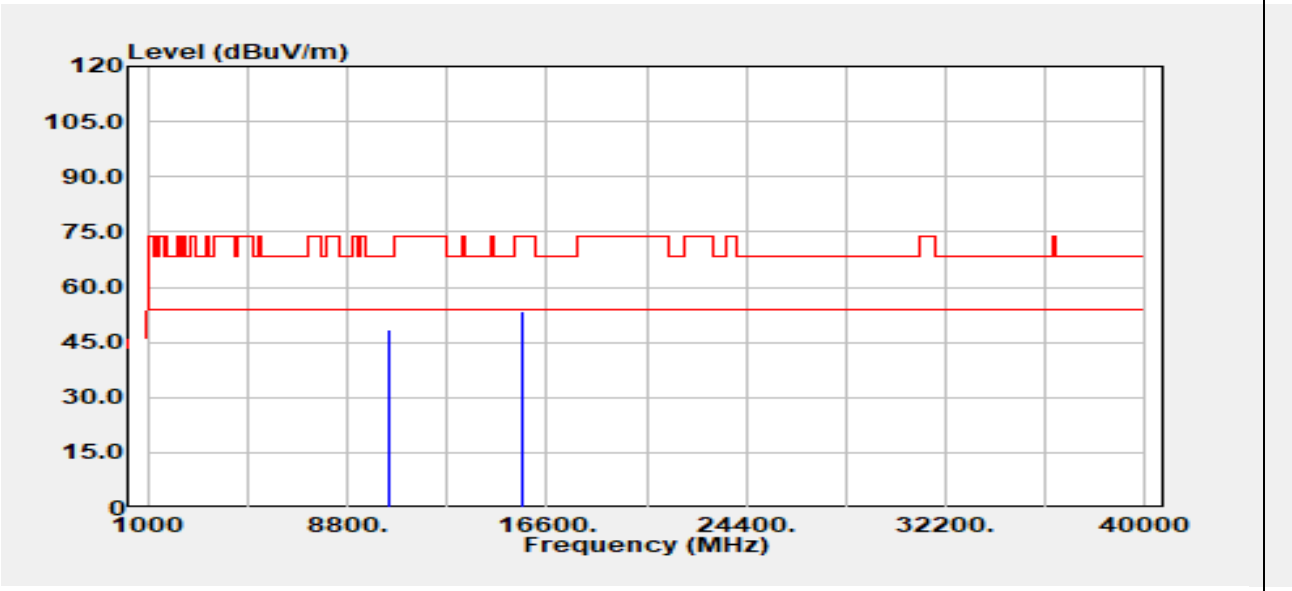
Test Mode	IEEE 802.11a / 5220 MHZ	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonics	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	30.01	18.35	48.36	68.20	-19.84
15660.00	Peak	31.10	22.55	53.65	74.00	-20.35
15660.00	Average	23.12	22.55	45.67	54.00	-8.33
N/A						

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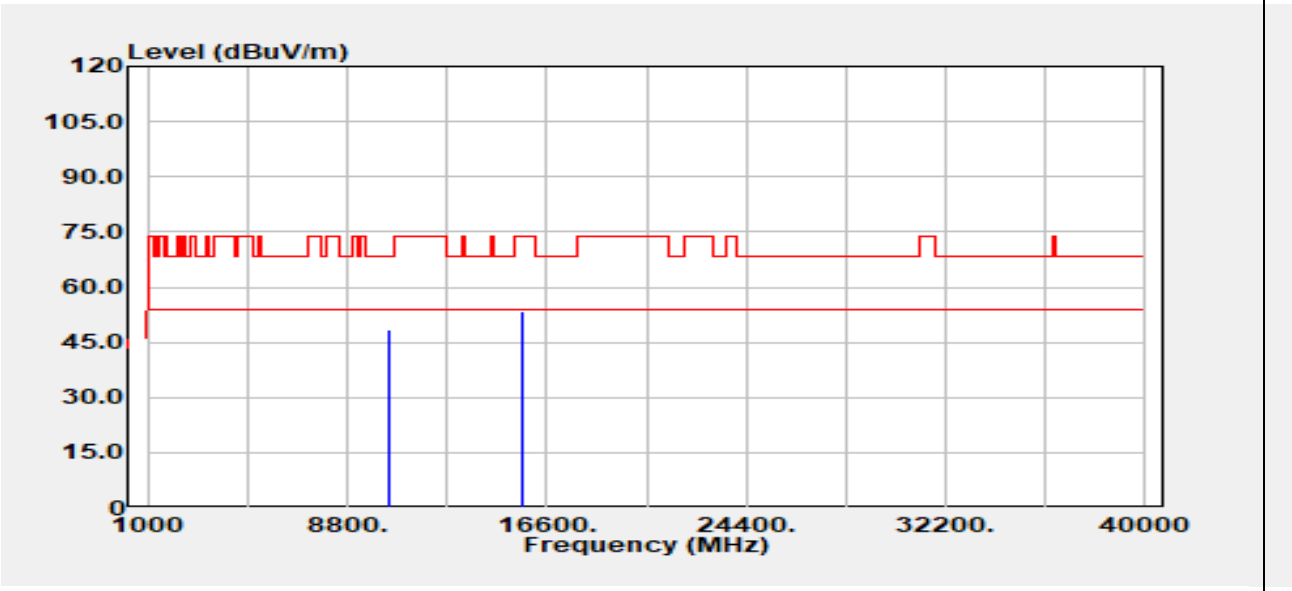
Test Mode	IEEE 802.11a / 5220 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	30.13	18.35	48.47	68.20	-19.73
15660.00	Peak	31.09	22.55	53.64	74.00	-20.36
15660.00	Average	23.08	22.55	45.63	54.00	-8.37
N/A						

Remark:

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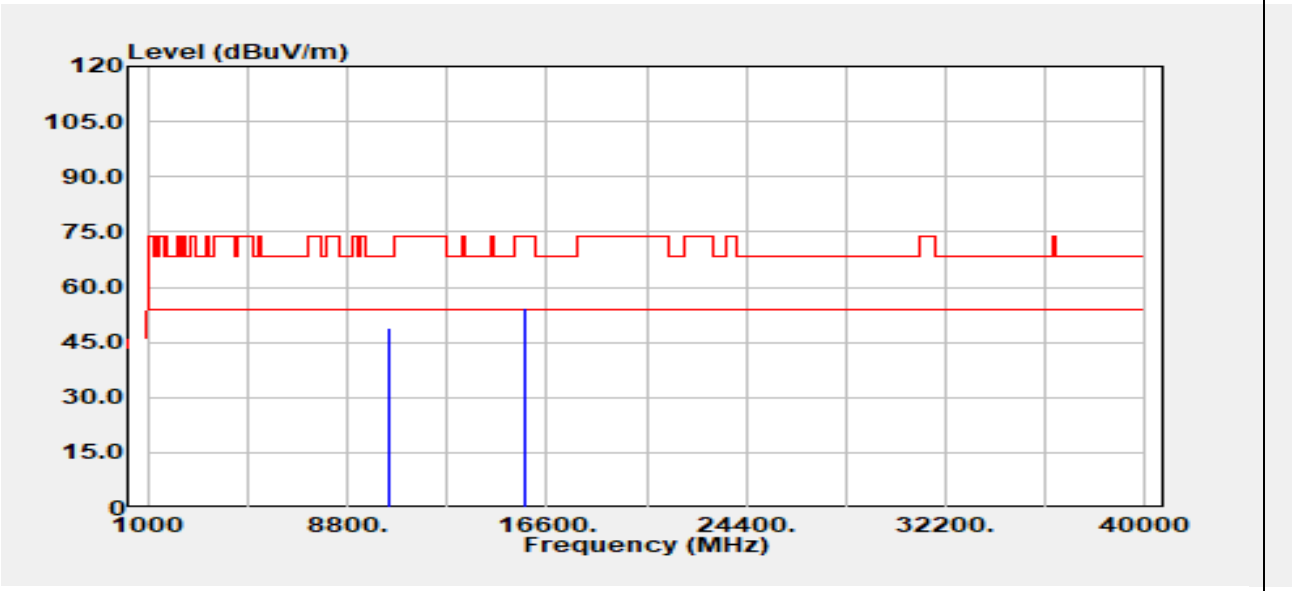
Test Mode	IEEE 802.11a / 5240 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	30.52	18.39	48.91	68.20	-19.29
15720.00	Peak	31.14	23.12	54.26	74.00	-19.74
15720.00	Average	22.72	23.12	45.84	54.00	-8.16
N/A						

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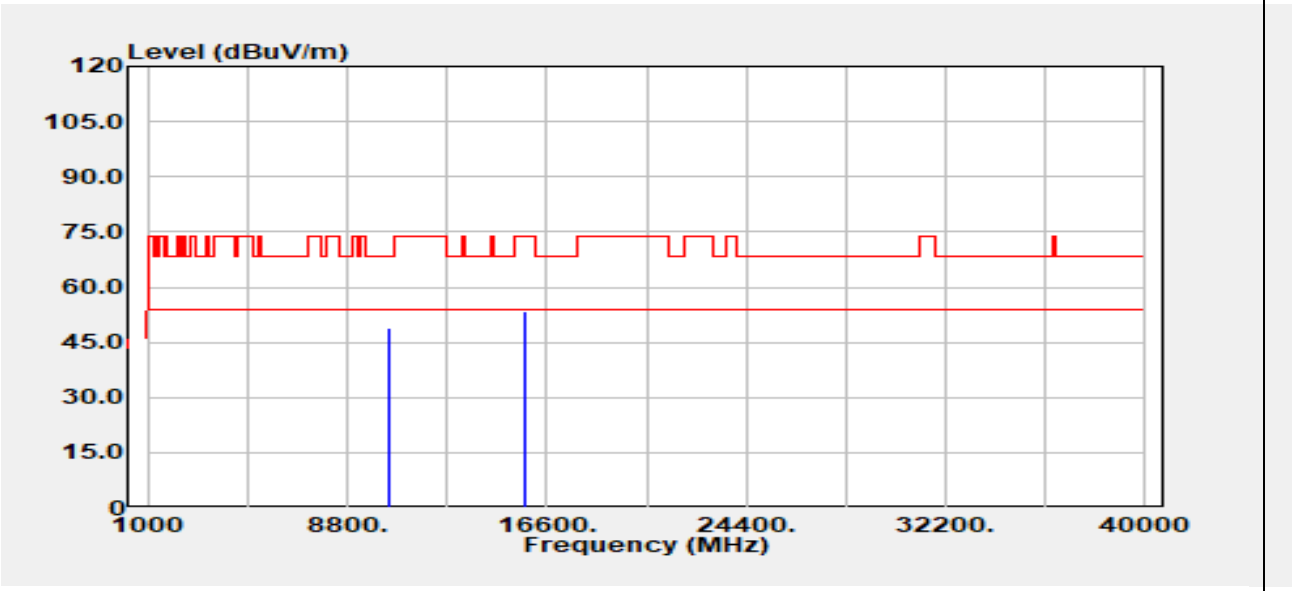
Test Mode	IEEE 802.11a / 5240 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	30.50	18.39	48.89	68.20	-19.31
15720.00	Peak	30.52	23.12	53.65	74.00	-20.35
15720.00	Average	22.64	23.12	45.76	54.00	-8.24
N/A						

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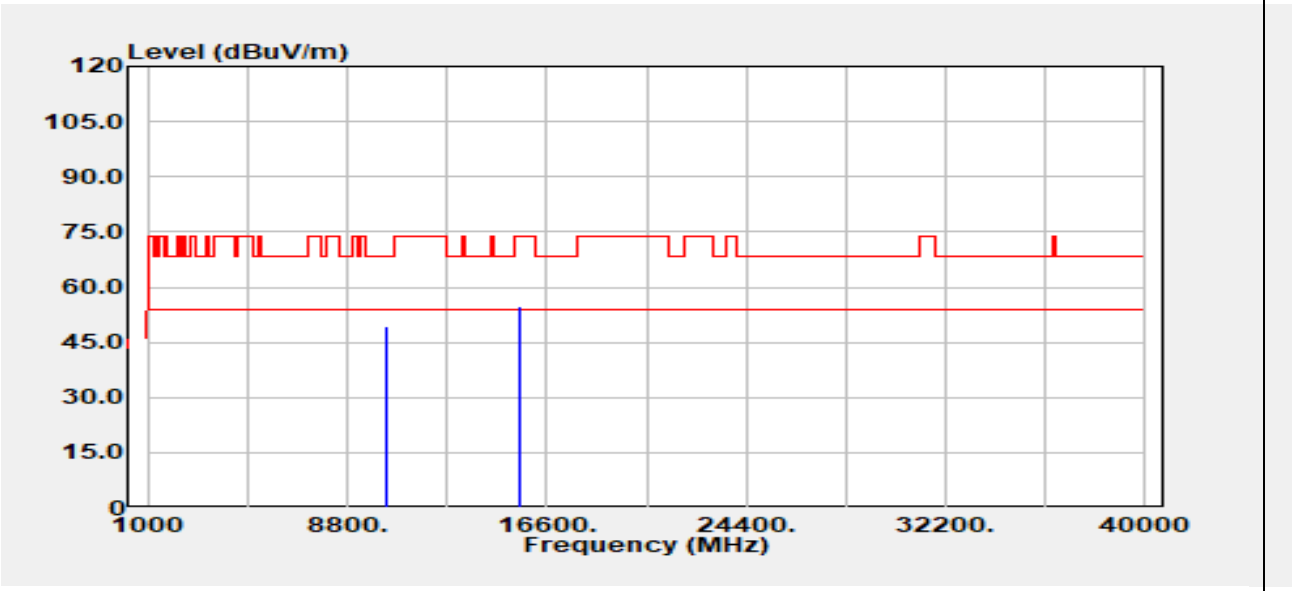
Test Mode	IEEE 802.11n HT20 / 5180 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	30.95	18.27	49.22	68.20	-18.98
15540.00	Peak	32.27	22.34	54.60	74.00	-19.40
15540.00	Average	23.79	22.34	46.12	54.00	-7.88
N/A						

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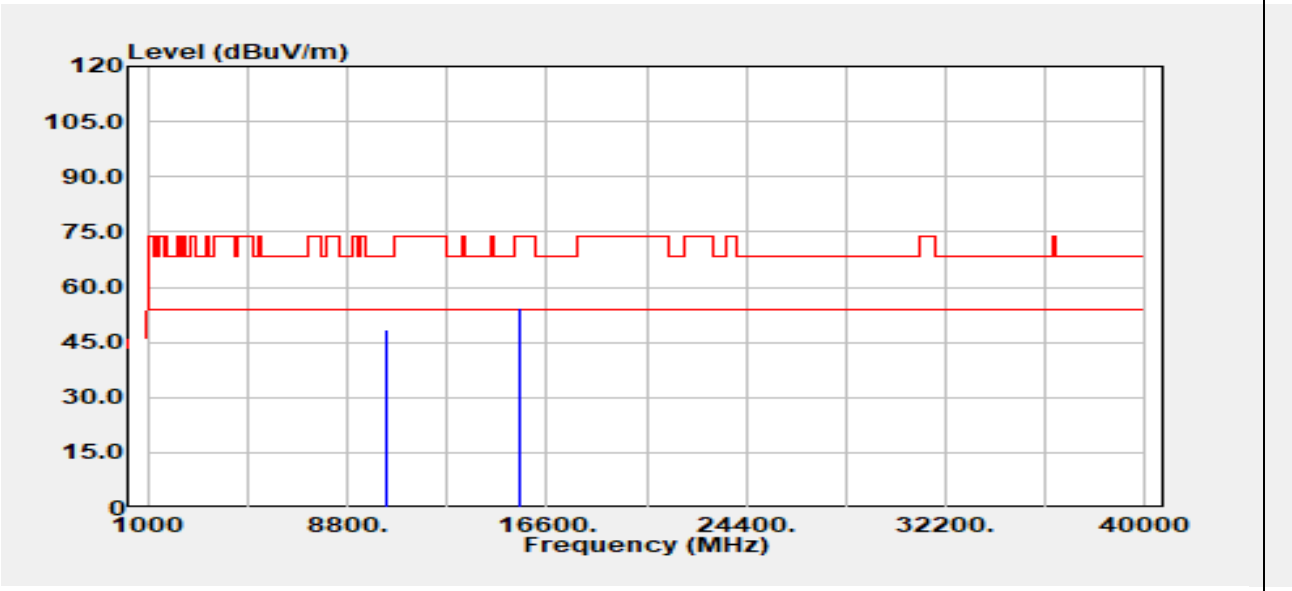
Test Mode	IEEE 802.11n HT20/ 5180 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	30.00	18.27	48.27	68.20	-19.93
15540.00	Peak	32.09	22.34	54.43	74.00	-19.57
15540.00	Average	23.96	22.34	46.29	54.00	-7.71
N/A						

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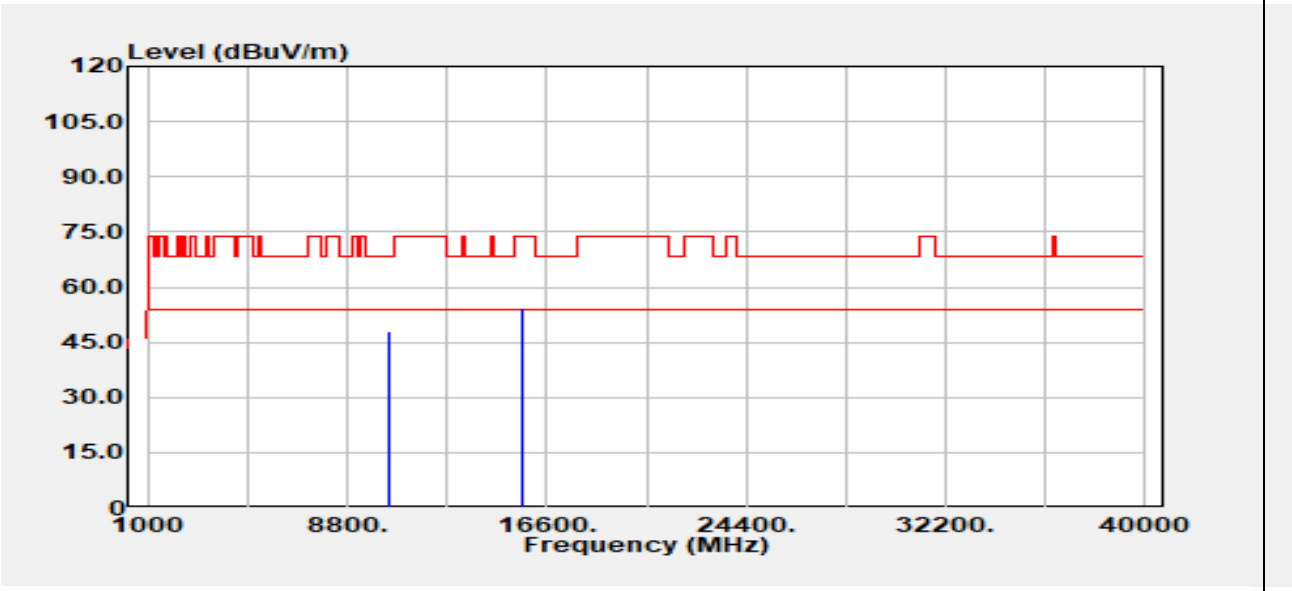
Test Mode	IEEE 802.11n HT20 / 5220 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	29.68	18.35	48.03	68.20	-20.17
15660.00	Peak	31.80	22.55	54.36	74.00	-19.64
15660.00	Average	23.12	22.55	45.67	54.00	-8.33
N/A						

Remark:

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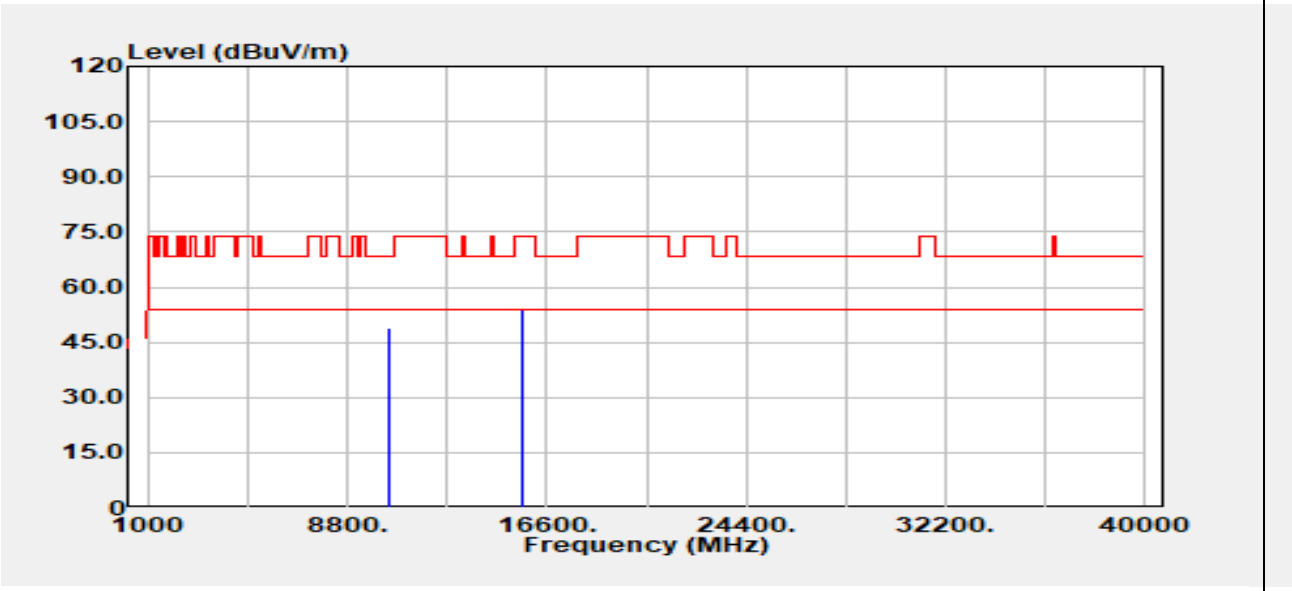
Test Mode	IEEE 802.11n HT20 / 5220 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	30.67	18.35	49.02	68.20	-19.18
15660.00	Peak	31.46	22.55	54.01	74.00	-19.99
15660.00	Average	23.15	22.55	45.70	54.00	-8.30
N/A						

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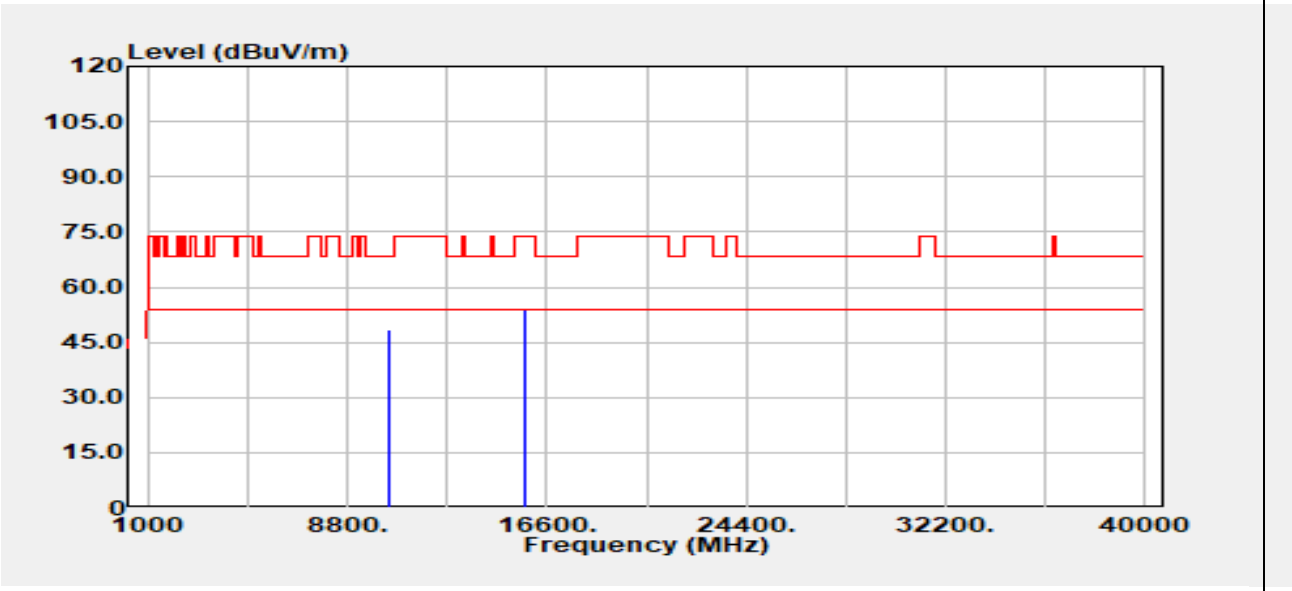
Test Mode	IEEE 802.11n HT20 / 5240 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	30.18	18.39	48.57	68.20	-19.63
15720.00	Peak	30.87	23.12	53.99	74.00	-20.01
15720.00	Average	22.56	23.12	45.69	54.00	-8.31
N/A						

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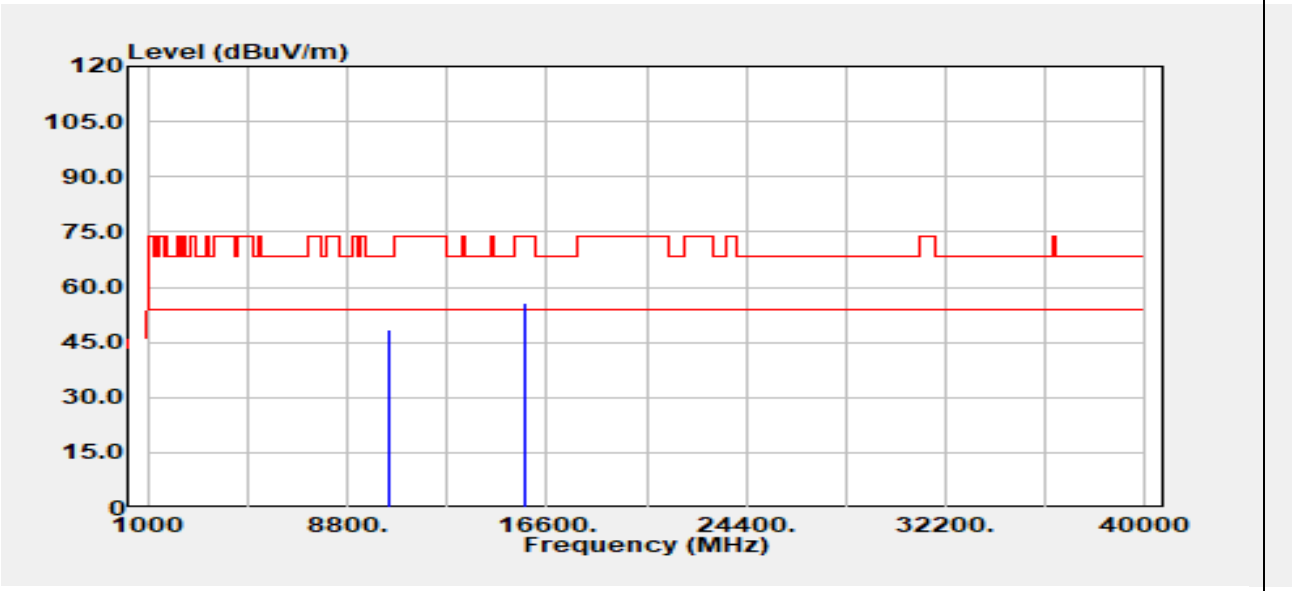
Test Mode	IEEE 802.11n HT20 / 5240 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	29.97	18.39	48.36	68.20	-19.84
15720.00	Peak	32.48	23.12	55.60	74.00	-18.40
15720.00	Average	22.70	23.12	45.83	54.00	-8.17
N/A						

Remark:

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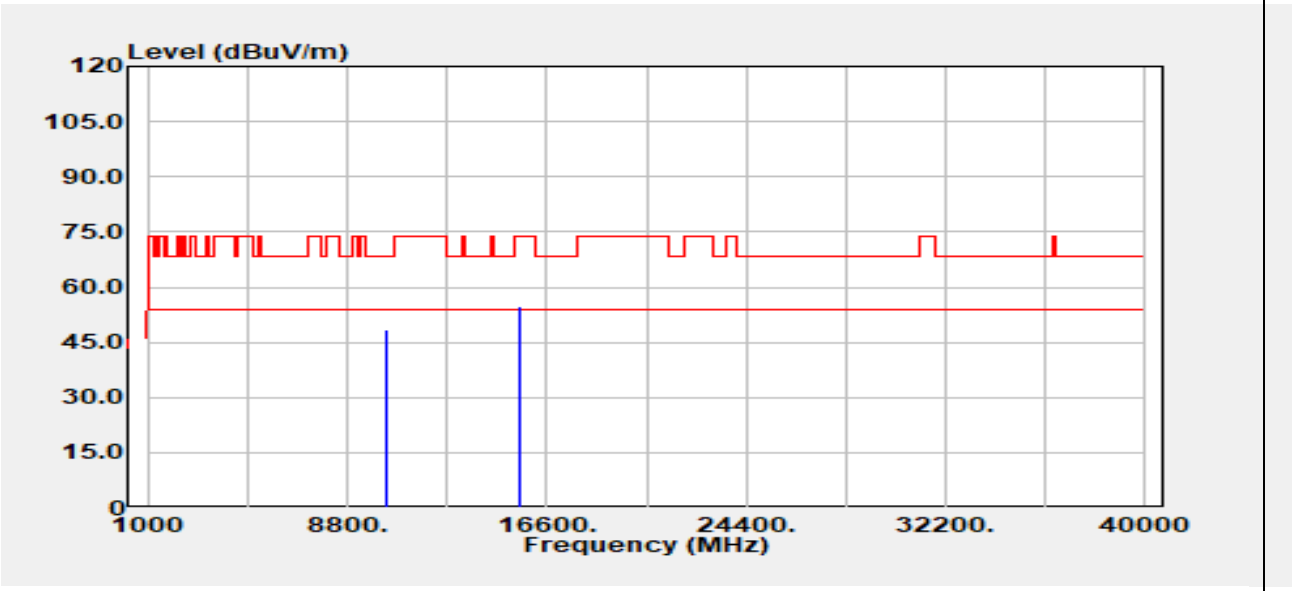
Test Mode	IEEE 802.11n HT40 / 5190 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	30.00	18.26	48.26	68.20	-19.94
15570.00	Peak	32.35	22.26	54.61	74.00	-19.39
15570.00	Average	23.80	22.26	46.06	54.00	-7.94
N/A						

Remark:

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

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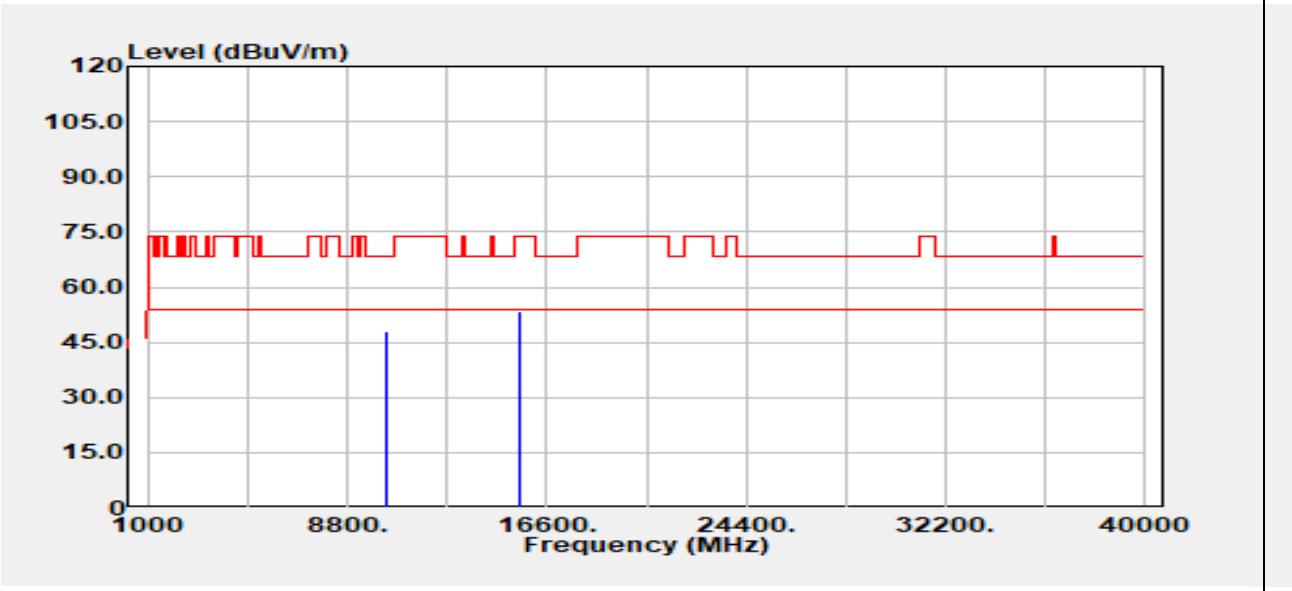
Test Mode	IEEE 802.11n HT40 / 5190 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	29.67	18.26	47.94	68.20	-20.26
15570.00	Peak	31.23	22.26	53.49	74.00	-20.51
15570.00	Average	23.76	22.26	46.02	54.00	-7.98
N/A						

Remark:

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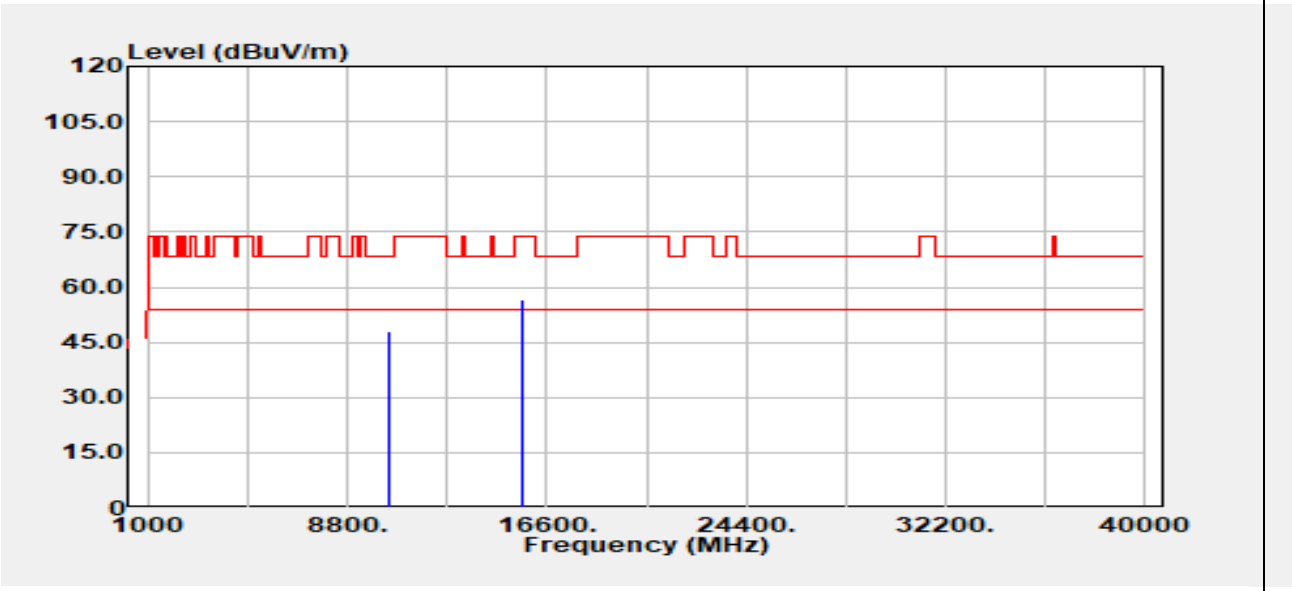
Test Mode	IEEE 802.11n HT40 / 5230 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	29.77	18.38	48.14	68.20	-20.06
15690.00	Peak	33.47	22.92	56.39	74.00	-17.61
15690.00	Average	22.66	22.92	45.58	54.00	-8.42
N/A						

Remark:

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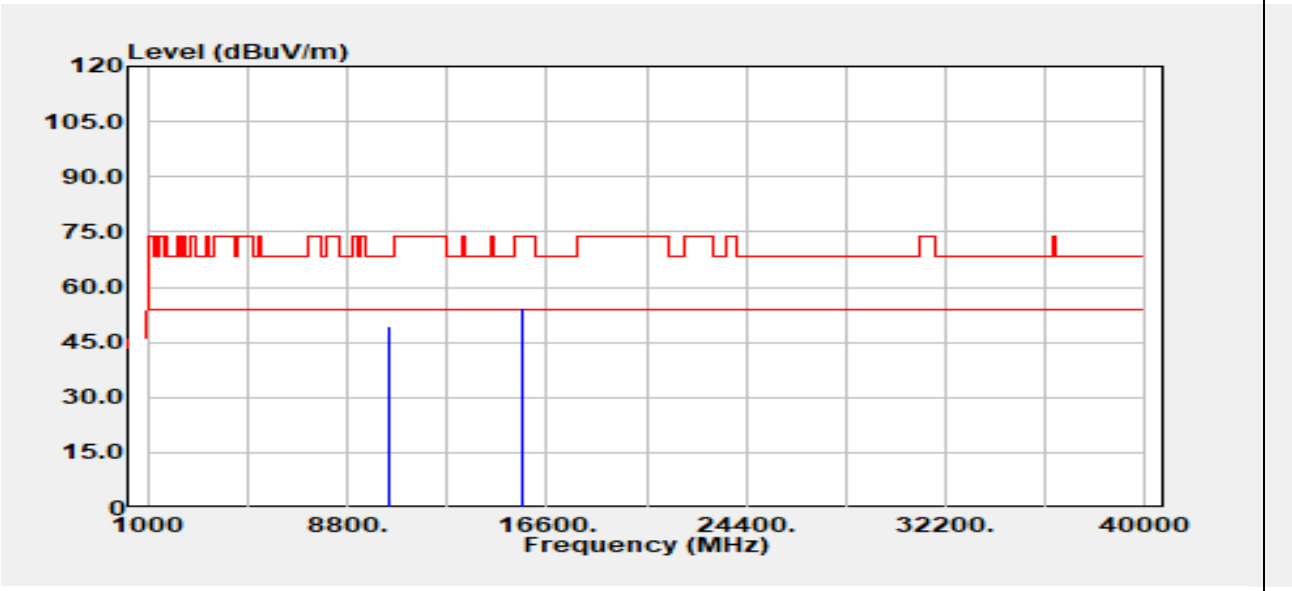
Test Mode	IEEE 802.11n HT40 / 5230 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	31.08	18.38	49.46	68.20	-18.74
15690.00	Peak	31.33	22.92	54.25	74.00	-19.75
15690.00	Average	22.77	22.92	45.69	54.00	-8.31
N/A						

Remark:

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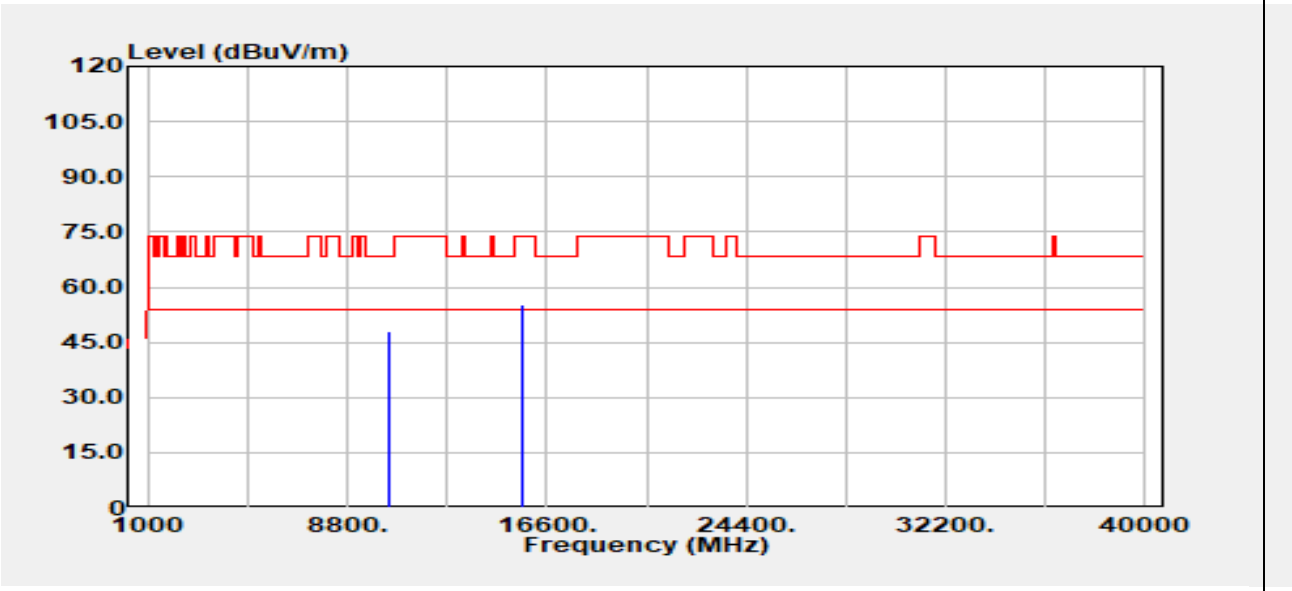
Test Mode	IEEE 802.11ac VHT80 / 5210 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



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	29.89	18.30	48.19	68.20	-20.01
15630.00	Peak	32.85	22.32	55.17	74.00	-18.83
15630.00	Average	23.51	22.32	45.83	54.00	-8.17
N/A						

Remark:

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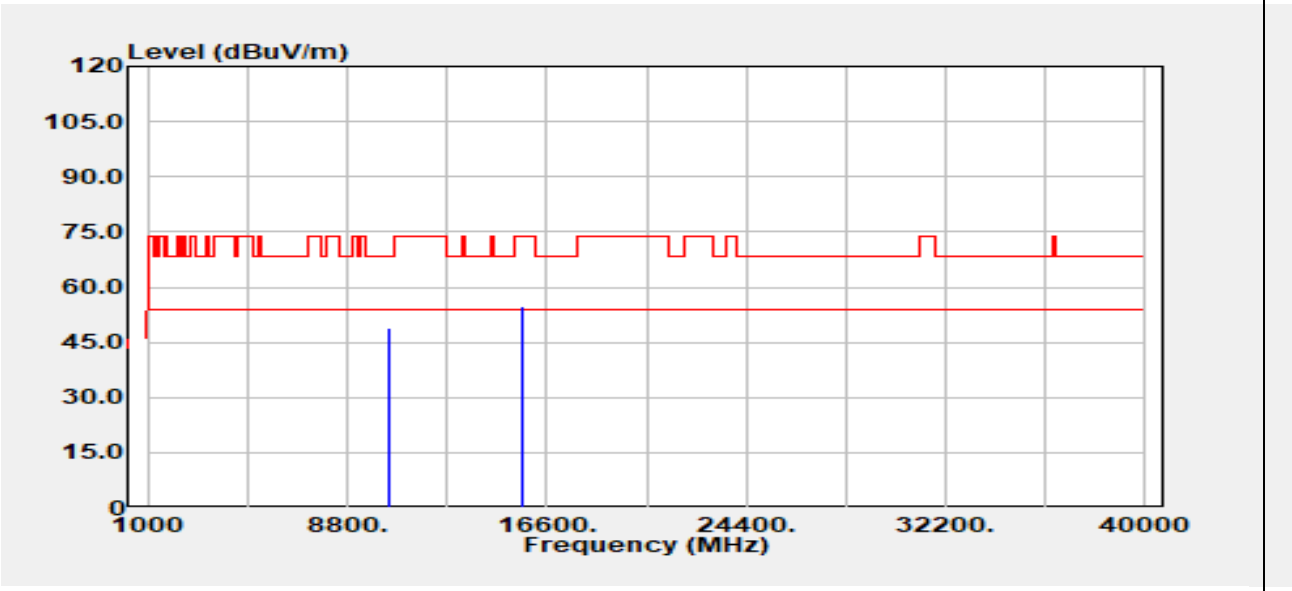
Test Mode	IEEE 802.11ac VHT80 / 5210 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



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	30.71	18.30	49.01	68.20	-19.19
15630.00	Peak	32.35	22.32	54.67	74.00	-19.33
15630.00	Average	23.46	22.32	45.77	54.00	-8.23
N/A						

Remark:

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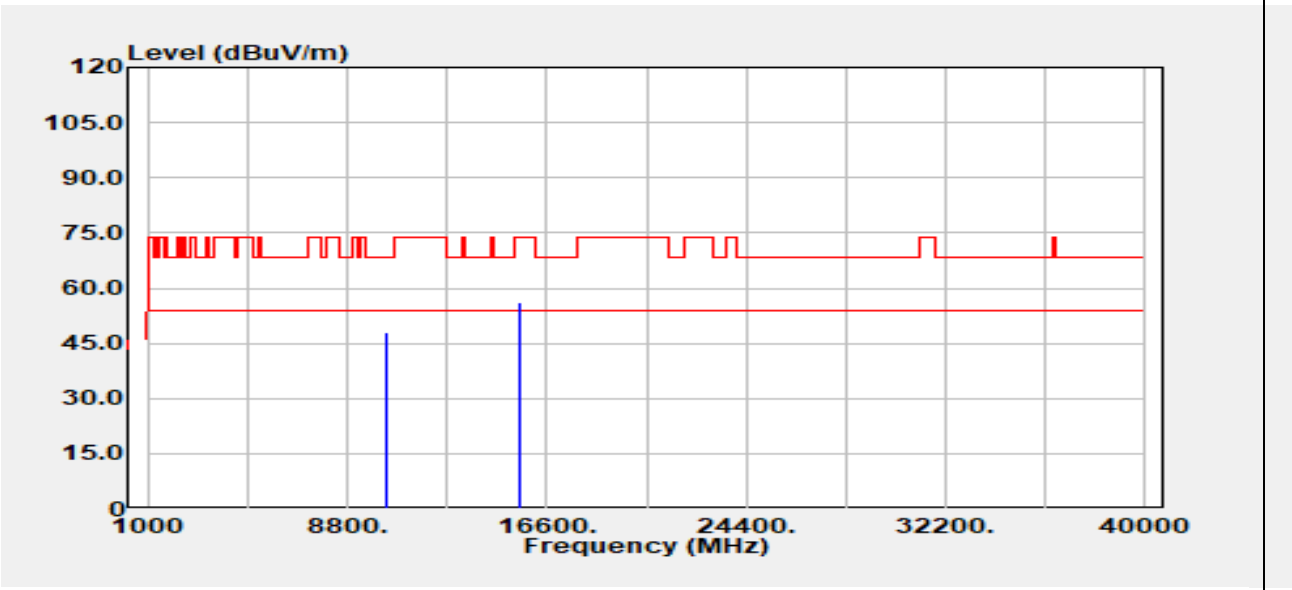
Test Mode	IEEE 802.11ax HE20 / 5180 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	29.85	18.27	48.12	68.20	-20.08
15540.00	Peak	33.85	22.34	56.19	74.00	-17.81
15540.00	Average	23.68	22.34	46.01	54.00	-7.99
N/A						

Remark:

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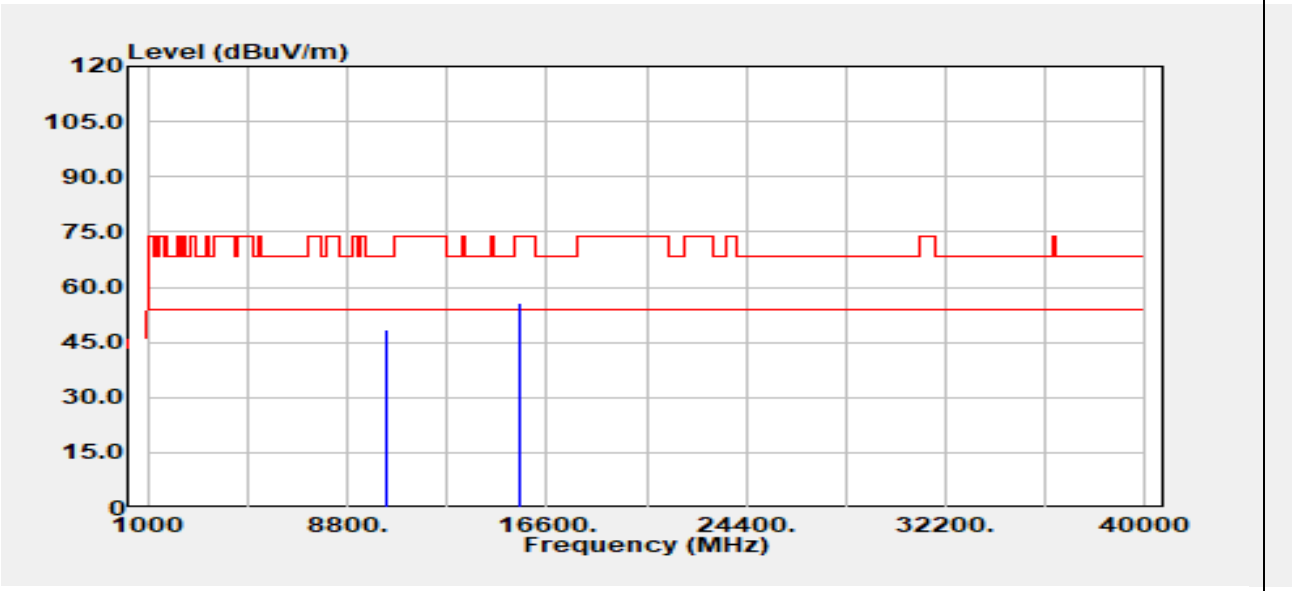
Test Mode	IEEE 802.11ax HE20/ 5180 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	30.16	18.27	48.43	68.20	-19.77
15540.00	Peak	33.27	22.34	55.60	74.00	-18.40
15540.00	Average	23.74	22.34	46.08	54.00	-7.92
N/A						

Remark:

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

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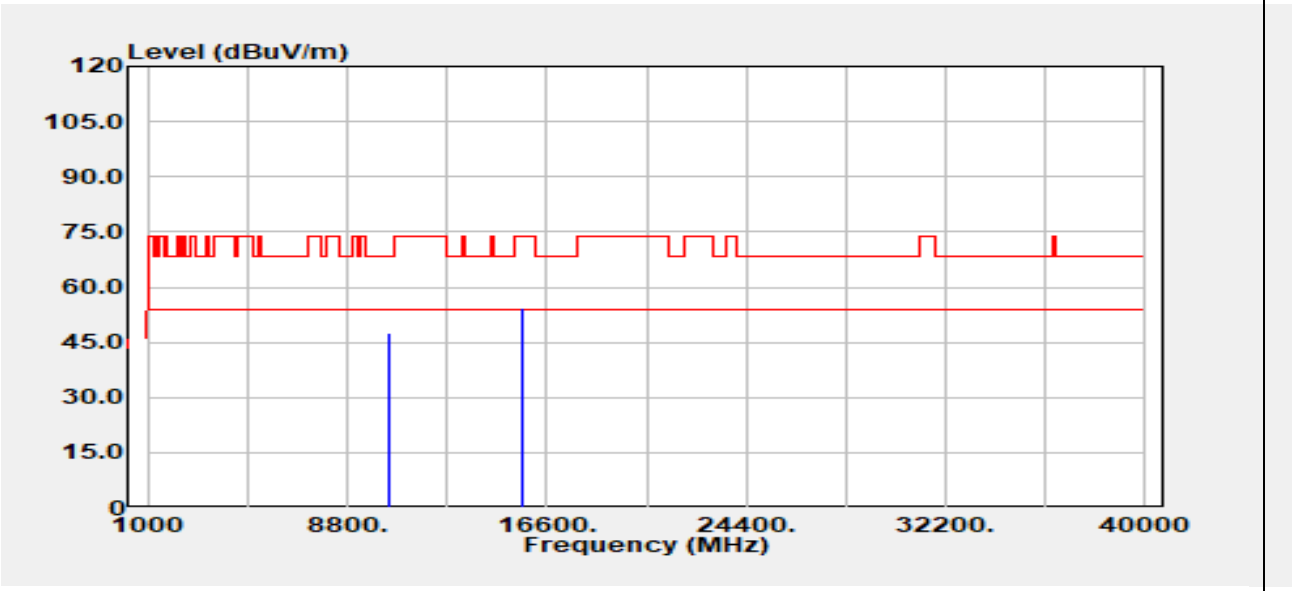
Test Mode	IEEE 802.11ax HE20 / 5220 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	29.10	18.35	47.45	68.20	-20.75
15660.00	Peak	31.98	22.55	54.53	74.00	-19.47
15660.00	Average	22.97	22.55	45.52	54.00	-8.48
N/A						

Remark:

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

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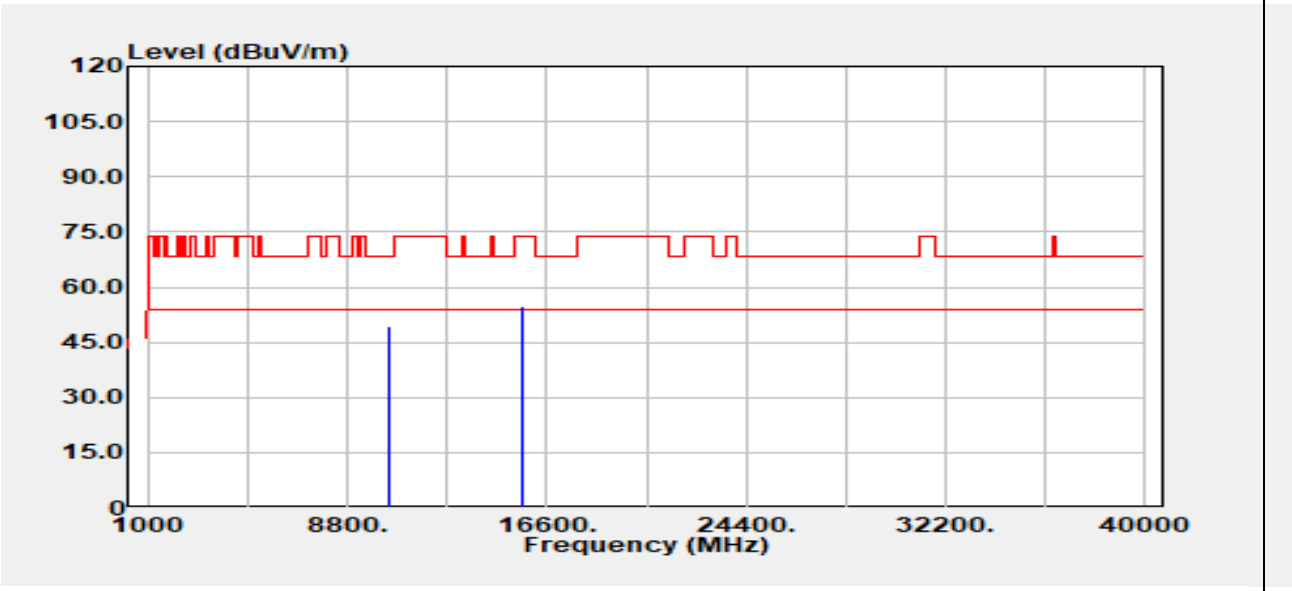
Test Mode	IEEE 802.11ax HE20 / 5220 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	31.22	18.35	49.57	68.20	-18.63
15660.00	Peak	32.19	22.55	54.74	74.00	-19.26
15660.00	Average	23.02	22.55	45.57	54.00	-8.43
N/A						

Remark:

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

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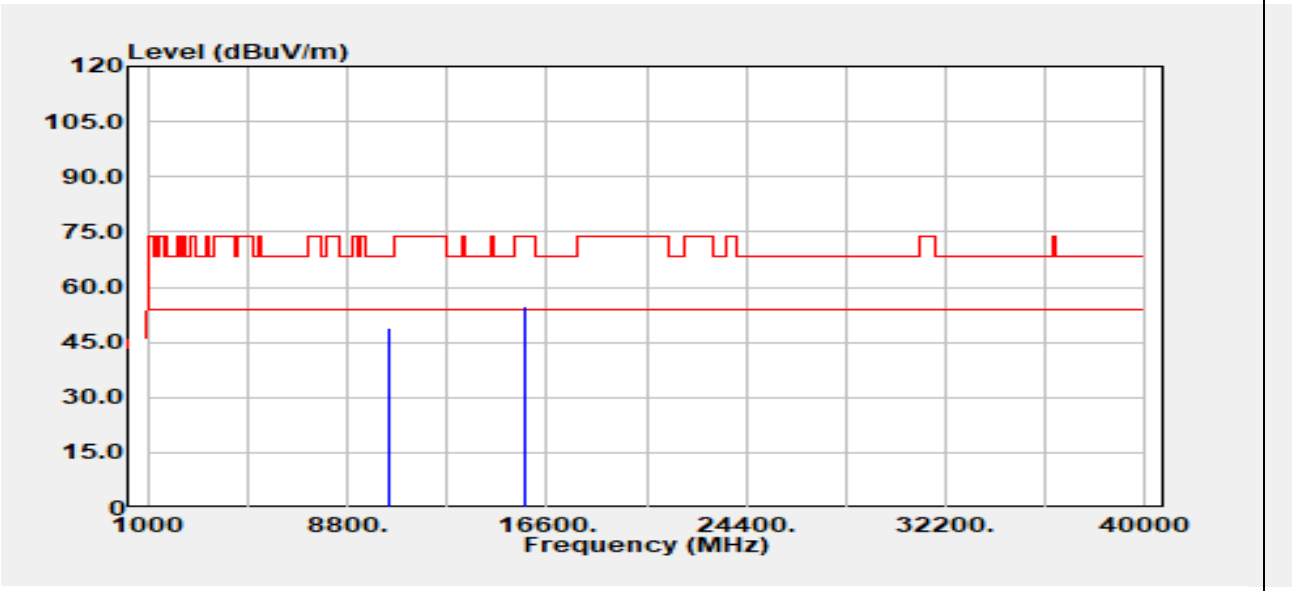
Test Mode	IEEE 802.11ax HE20 / 5240 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	30.63	18.39	49.02	68.20	-19.18
15720.00	Peak	31.81	23.12	54.94	74.00	-19.06
15720.00	Average	22.48	23.12	45.60	54.00	-8.40
N/A						

Remark:

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

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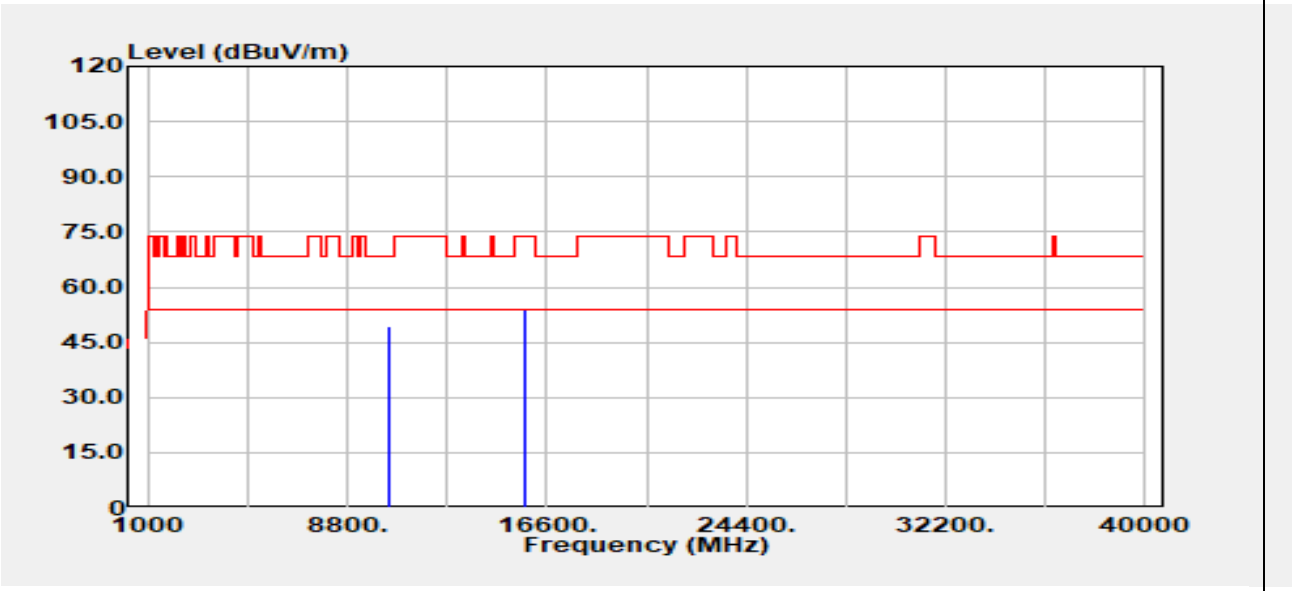
Test Mode	IEEE 802.11ax HE20 / 5240 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	31.02	18.39	49.41	68.20	-18.79
15720.00	Peak	30.89	23.12	54.01	74.00	-19.99
15720.00	Average	22.57	23.12	45.70	54.00	-8.30
N/A						

Remark:

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

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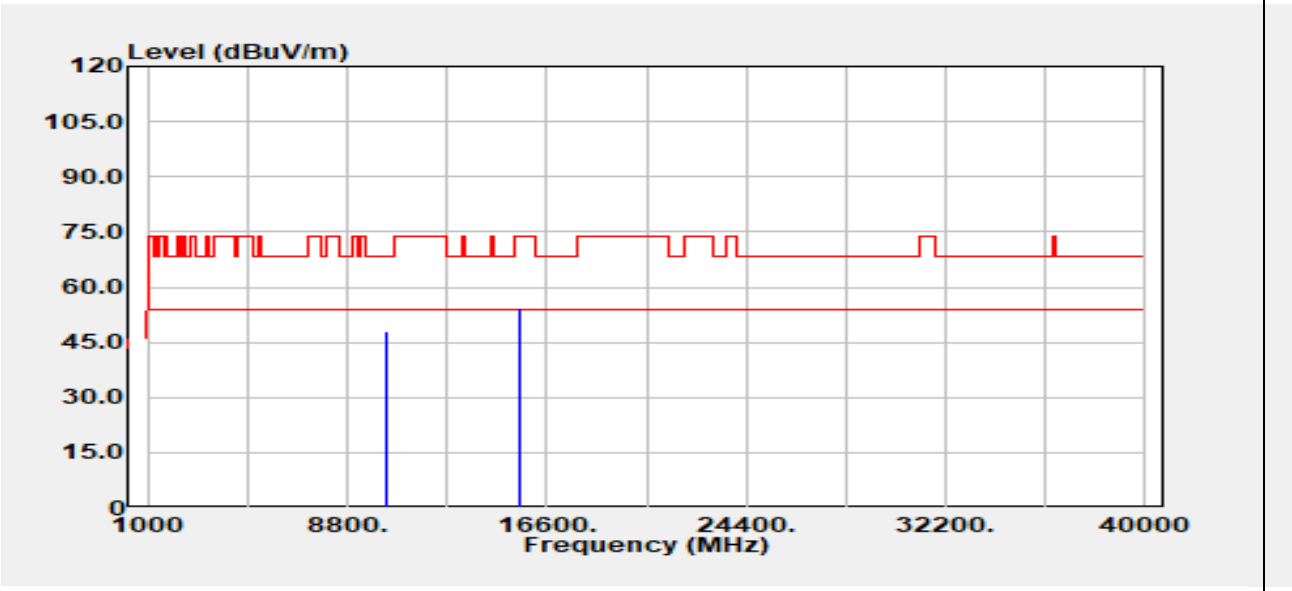
Test Mode	IEEE 802.11ax HE40 / 5190 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	29.79	18.26	48.06	68.20	-20.14
15570.00	Peak	32.24	22.26	54.50	74.00	-19.50
15570.00	Average	23.61	22.26	45.87	54.00	-8.13
N/A						

Remark:

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

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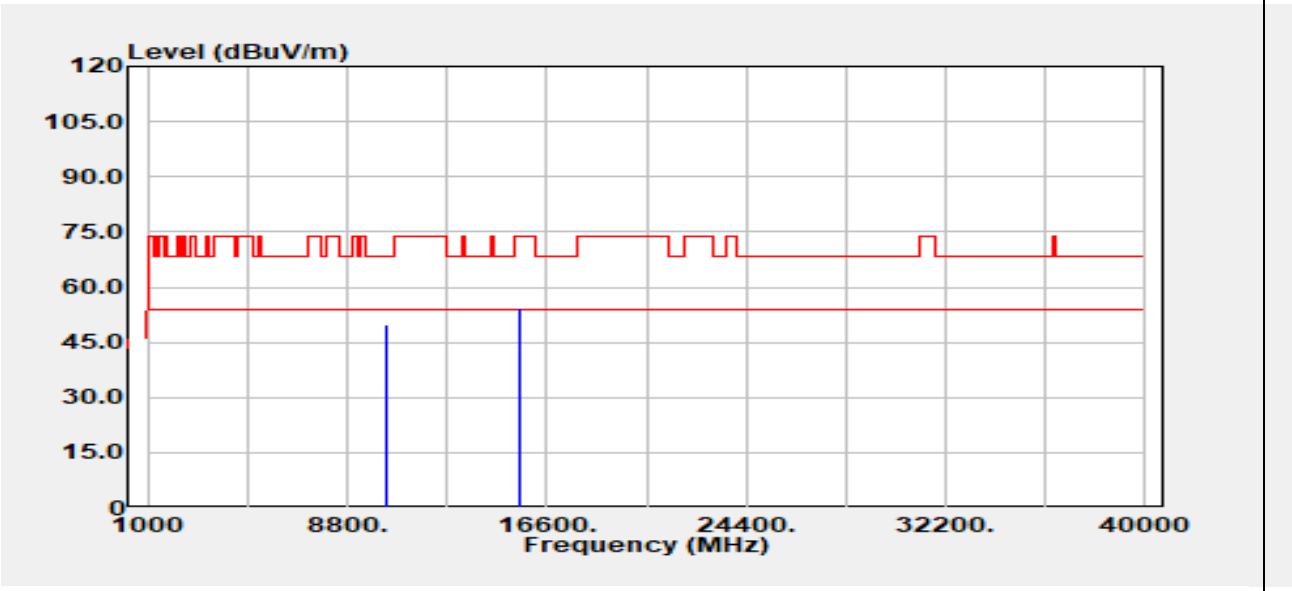
Test Mode	IEEE 802.11ax HE40 / 5190 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	31.74	18.27	50.00	68.20	-18.20
15570.00	Peak	32.07	22.26	54.33	74.00	-19.67
15570.00	Average	23.65	22.26	45.91	54.00	-8.09
N/A						

Remark:

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

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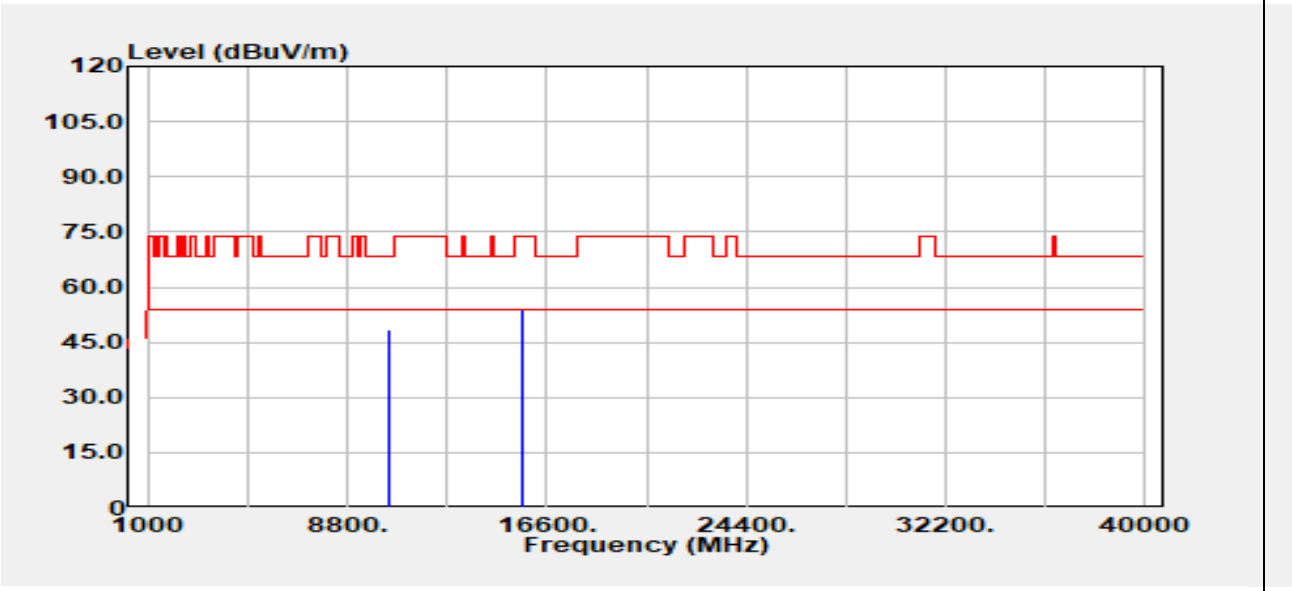
Test Mode	IEEE 802.11ax HE40 / 5230 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	30.09	18.38	48.46	68.20	-19.74
15690.00	Peak	31.17	22.92	54.09	74.00	-19.91
15690.00	Average	22.62	22.92	45.54	54.00	-8.46
N/A						

Remark:

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

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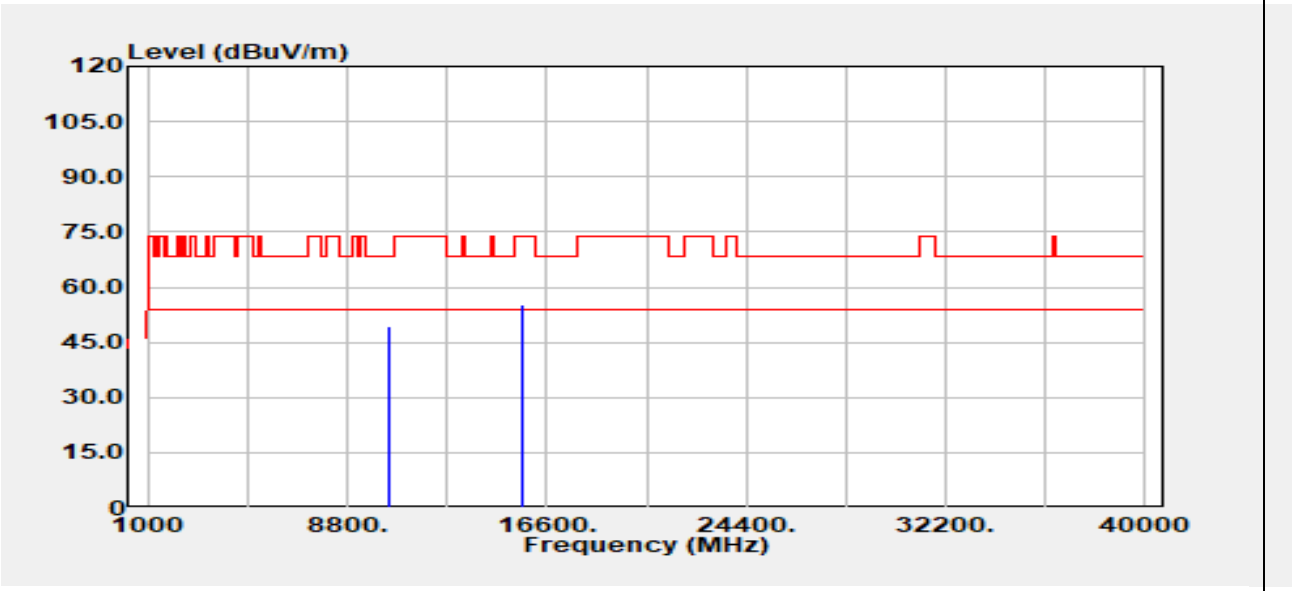
Test Mode	IEEE 802.11ax HE40 / 5230 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	30.88	18.38	49.25	68.20	-18.95
15690.00	Peak	32.28	22.92	55.20	74.00	-18.80
15690.00	Average	22.61	22.92	45.52	54.00	-8.48
N/A						

Remark:

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

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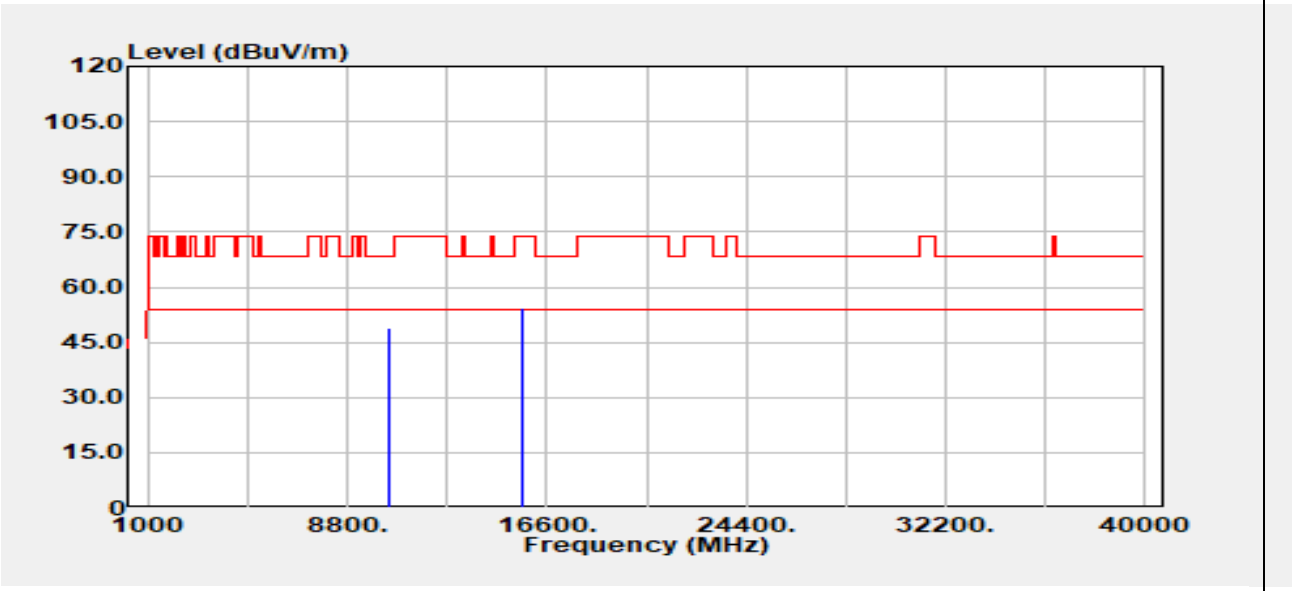
Test Mode	IEEE 802.11ax HE80 / 5210 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



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	30.67	18.30	48.97	68.20	-19.23
15630.00	Peak	32.13	22.32	54.44	74.00	-19.56
15630.00	Average	23.38	22.32	45.70	54.00	-8.30
N/A						

Remark:

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

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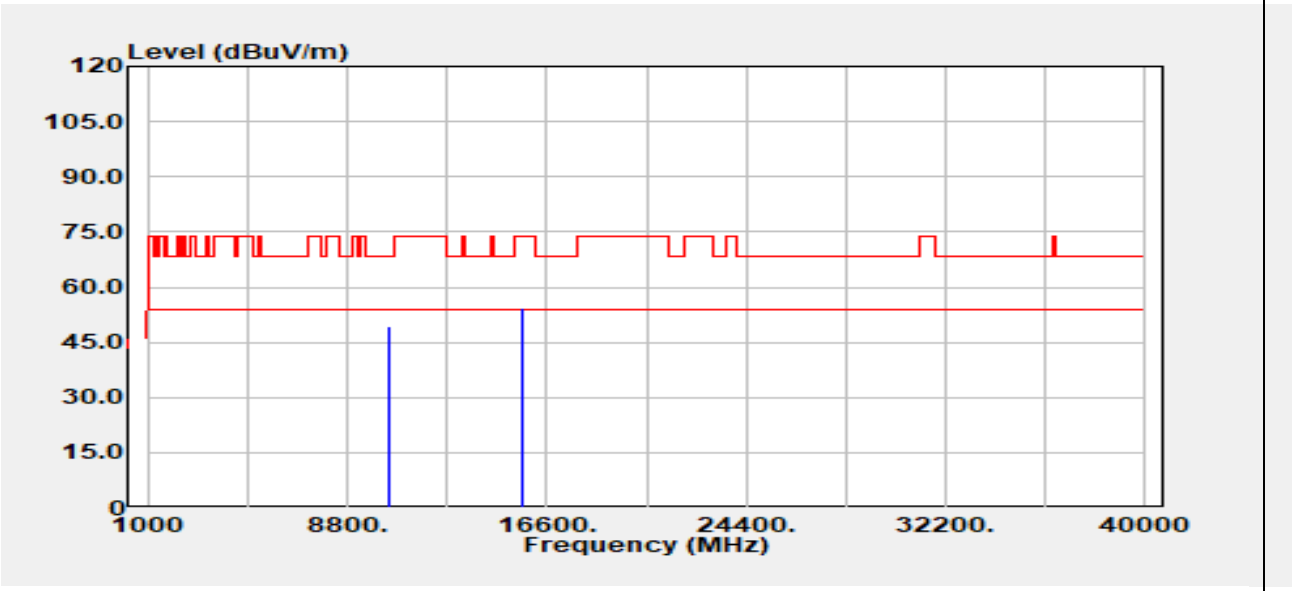
Test Mode	IEEE 802.11ax HE80 / 5210 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



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	31.09	18.30	49.39	68.20	-18.81
15630.00	Peak	31.81	22.32	54.13	74.00	-19.87
15630.00	Average	23.43	22.32	45.75	54.00	-8.25
N/A						

Remark:

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

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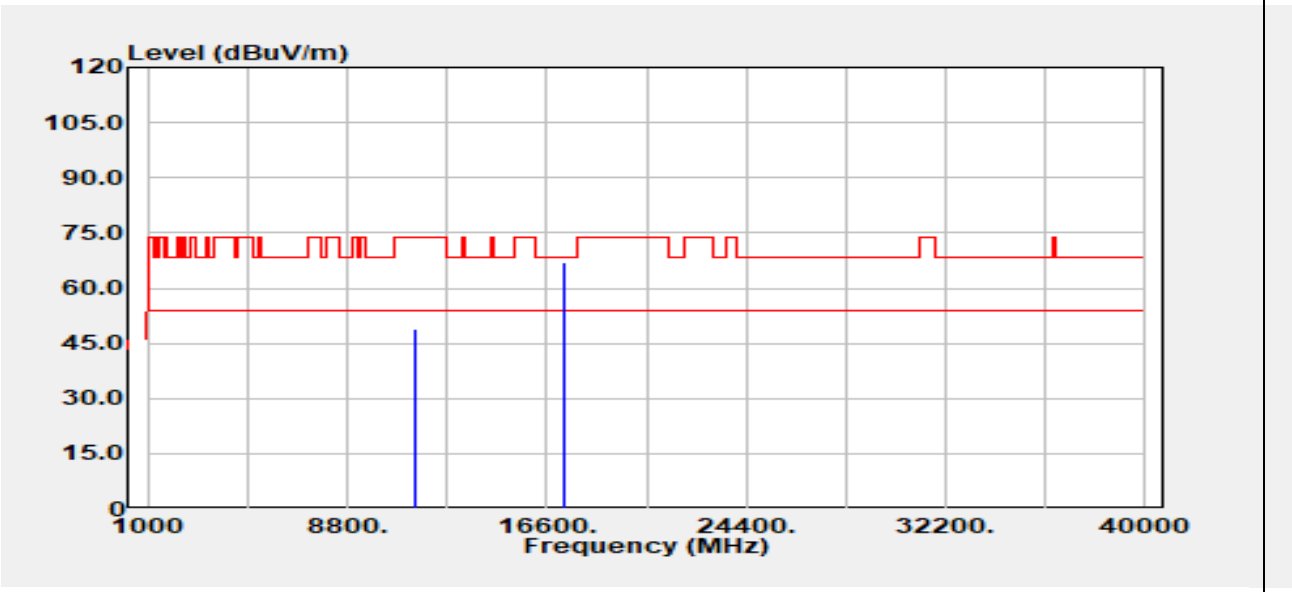
Test Data for UNII-3

Test Mode	IEEE 802.11a / 5745 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / 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	Peak	29.79	19.20	48.99	74.00	-25.01
11490.00	Average	20.70	19.20	39.90	54.00	-14.10
17235.00	Peak	31.71	35.48	67.19	68.20	-1.01
N/A						

Remark:

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

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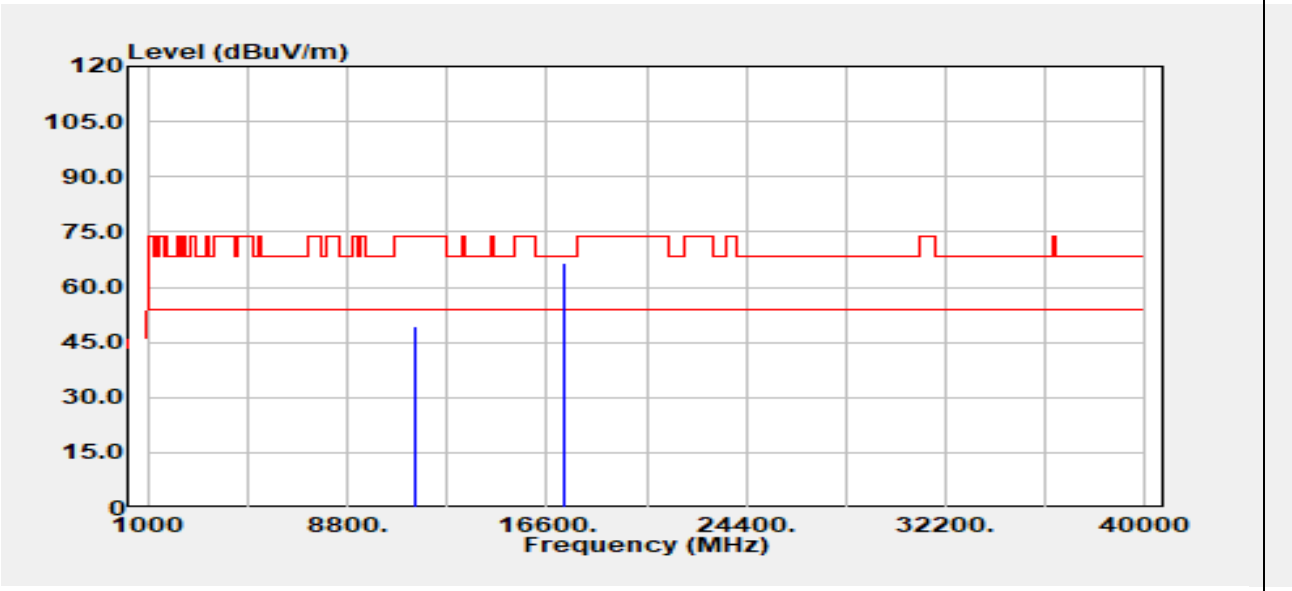
Test Mode	IEEE 802.11a / 5745 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	30.26	19.20	49.46	74.00	-24.54
11490.00	Average	20.84	19.20	40.04	54.00	-13.96
17235.00	Peak	30.89	35.48	66.37	68.20	-1.83
N/A						

Remark:

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

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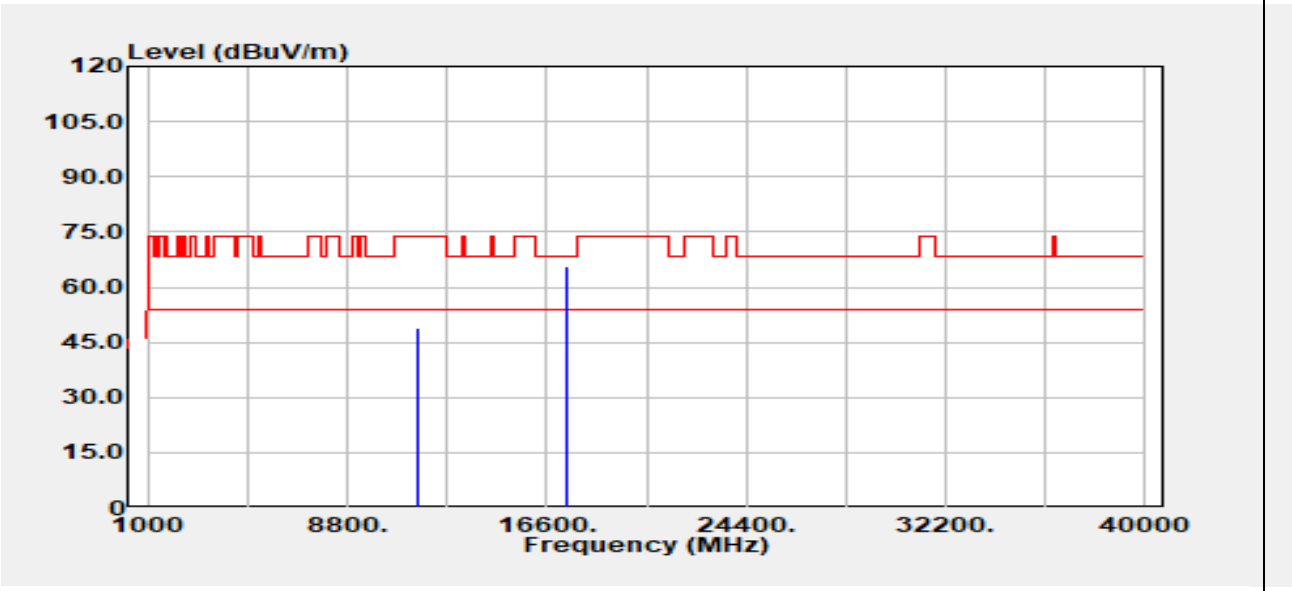
Test Mode	IEEE 802.11a / 5785 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	29.66	19.31	48.97	74.00	-25.03
11570.00	Average	20.29	19.31	39.60	54.00	-14.40
17355.00	Peak	30.16	35.52	65.67	68.20	-2.53
N/A						

Remark:

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

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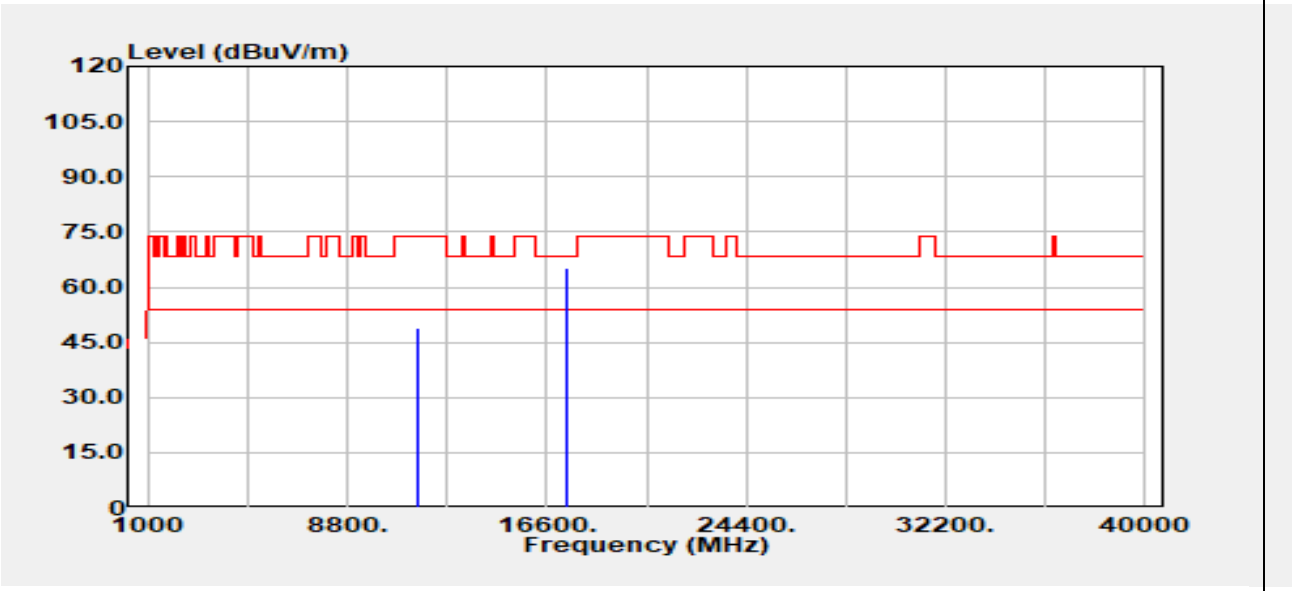
Test Mode	IEEE 802.11a / 5785 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	29.78	19.31	49.09	74.00	-24.91
11570.00	Average	20.31	19.31	39.62	54.00	-14.38
17355.00	Peak	29.77	35.52	65.29	68.20	-2.91
N/A						

Remark:

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

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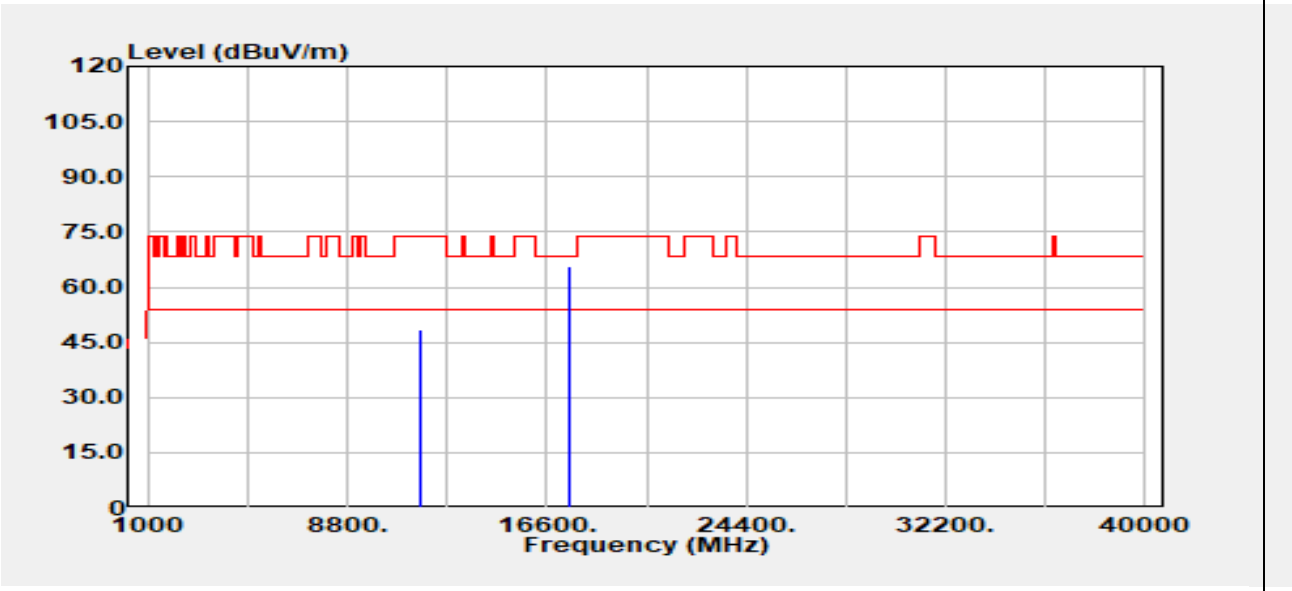
Test Mode	IEEE 802.11a / 5825 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	29.03	19.29	48.32	74.00	-25.68
11650.00	Average	20.16	19.29	39.45	54.00	-14.55
17475.00	Peak	30.97	34.91	65.88	68.20	-2.32
N/A						

Remark:

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

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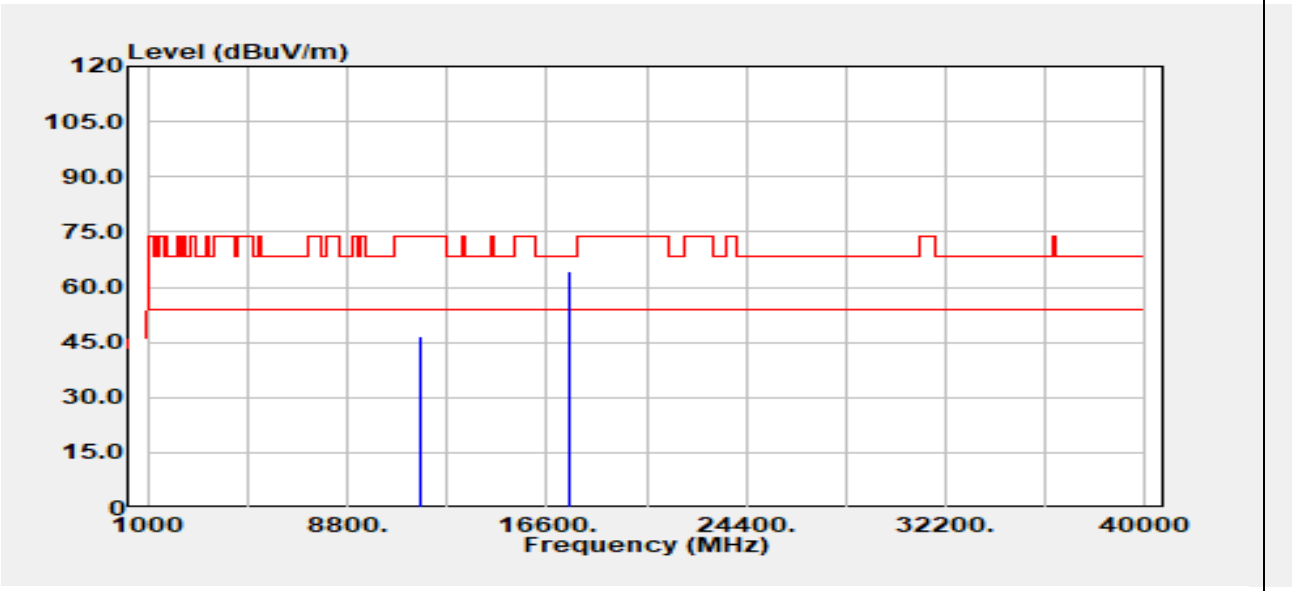
Test Mode	IEEE 802.11a / 5825 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	27.49	19.29	46.78	74.00	-27.22
11650.00	Average	20.16	19.29	39.45	54.00	-14.55
17475.00	Peak	29.39	34.91	64.29	68.20	-3.91
N/A						

Remark:

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

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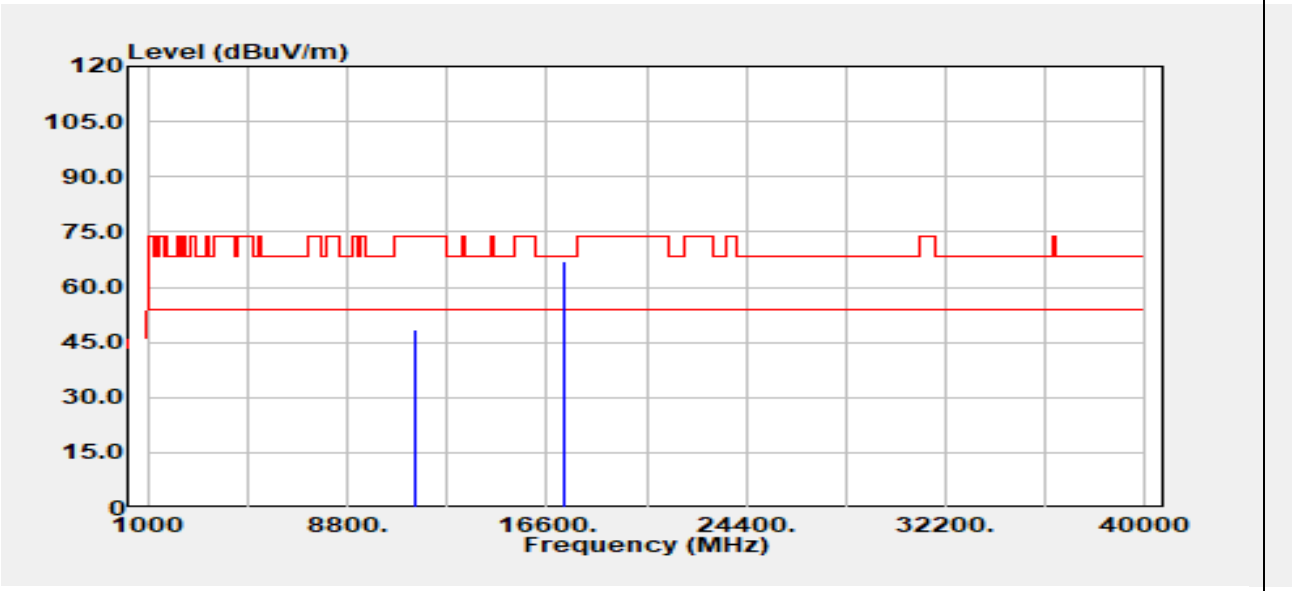
Test Mode	IEEE 802.11n HT20 / 5745 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	29.11	19.20	48.31	74.00	-25.69
11490.00	Average	20.70	19.20	39.90	54.00	-14.10
17235.00	Peak	31.63	35.48	67.11	68.20	-1.09
N/A						

Remark:

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

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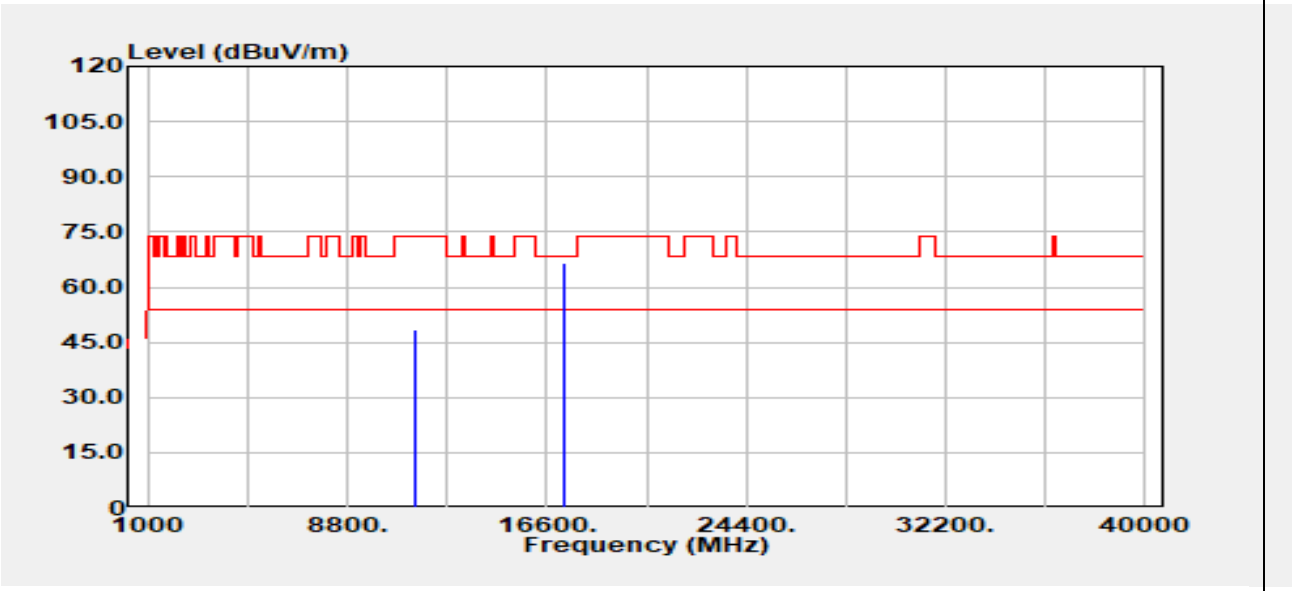
Test Mode	IEEE 802.11n HT20 / 5745 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	29.12	19.20	48.32	74.00	-25.68
11490.00	Average	20.75	19.20	39.95	54.00	-14.05
17235.00	Peak	31.15	35.48	66.63	68.20	-1.57
N/A						

Remark:

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

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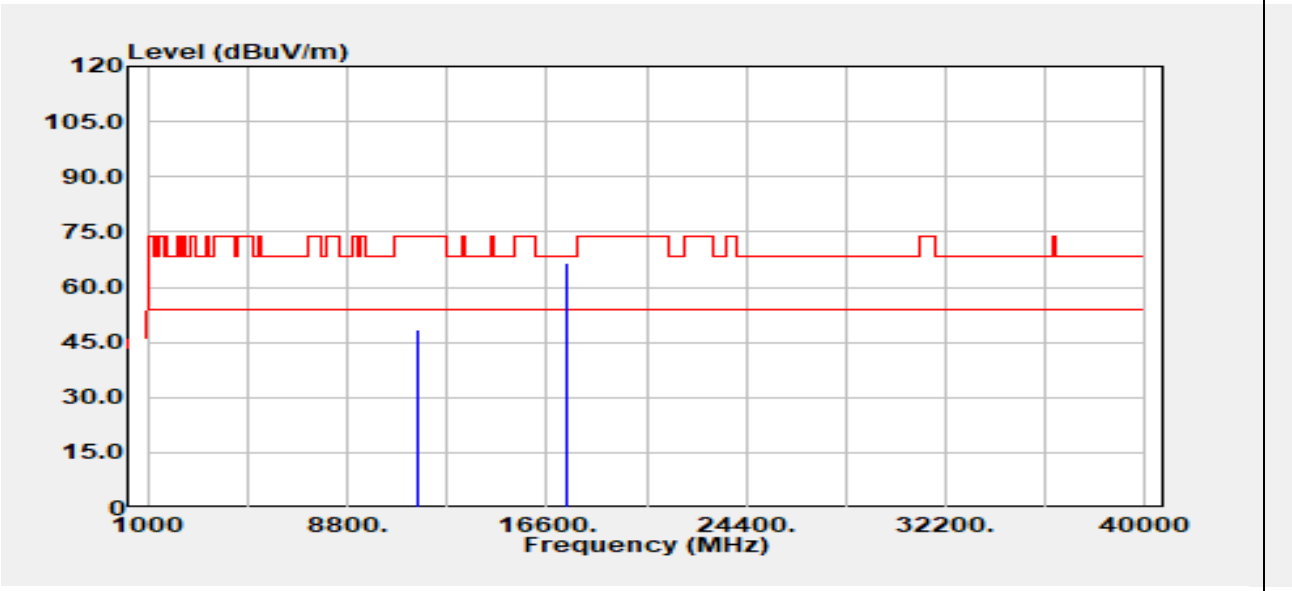
Test Mode	IEEE 802.11n HT20/ 5785 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	29.15	19.31	48.46	74.00	-25.54
11570.00	Average	20.35	19.31	39.66	54.00	-14.34
17355.00	Peak	31.24	35.52	66.76	68.20	-1.44
N/A						

Remark:

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

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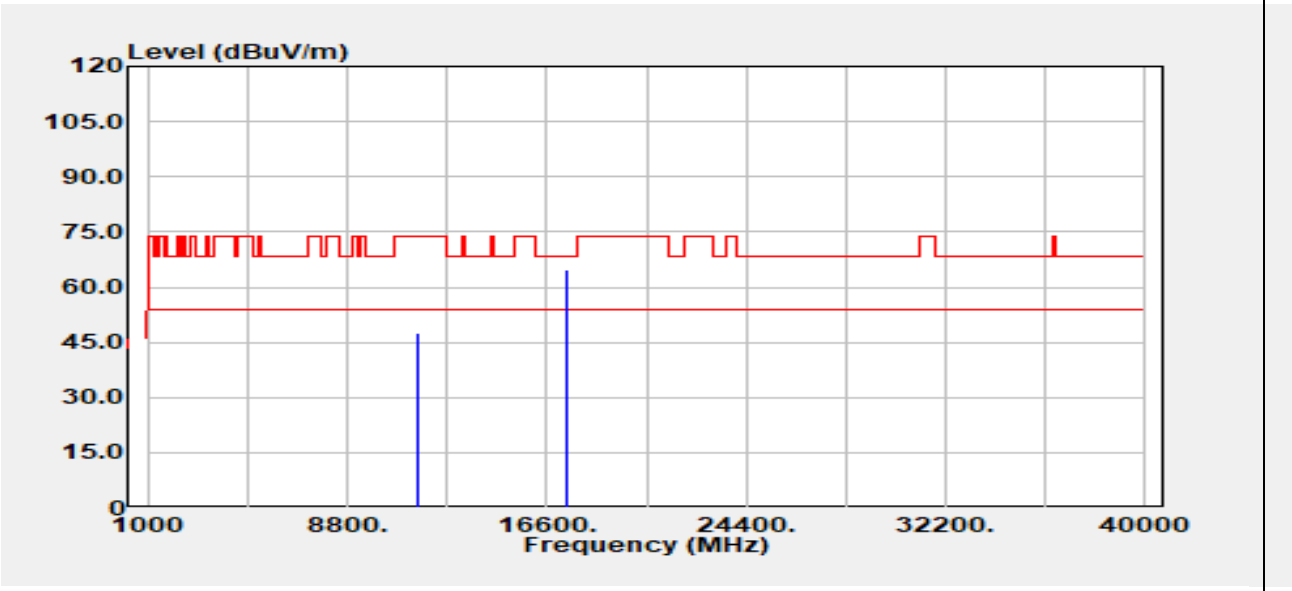
Test Mode	IEEE 802.11n HT20/ 5785 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	28.27	19.31	47.58	74.00	-26.42
11570.00	Average	20.38	19.31	39.69	54.00	-14.31
17355.00	Peak	29.16	35.52	64.68	68.20	-3.52
N/A						

Remark:

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

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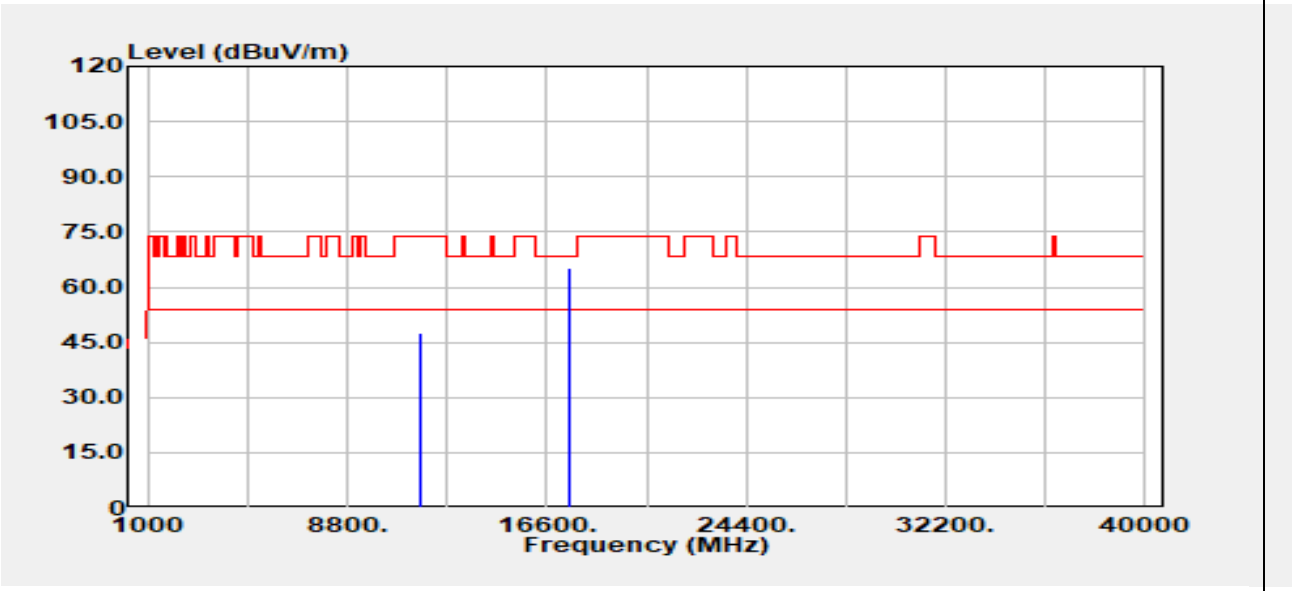
Test Mode	IEEE 802.11n HT20/ 5825 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	28.31	19.29	47.60	74.00	-26.40
11650.00	Average	20.22	19.29	39.51	54.00	-14.49
17475.00	Peak	30.53	34.91	65.43	68.20	-2.77
N/A						

Remark:

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

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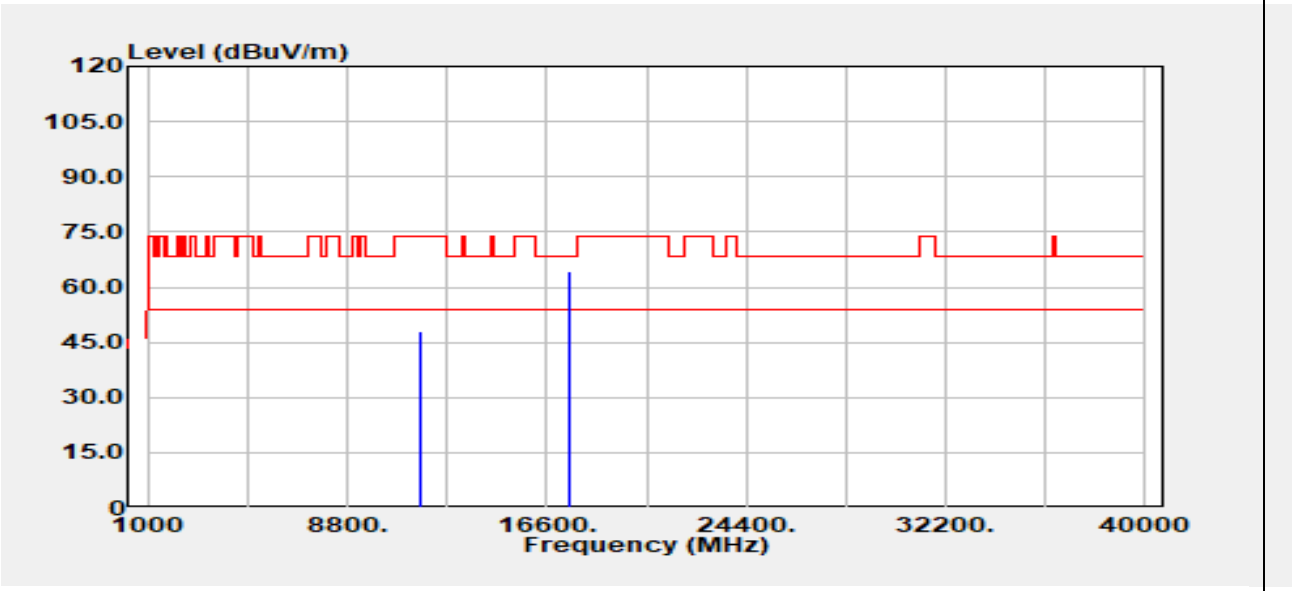
Test Mode	IEEE 802.11n HT20 / 5825 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	28.72	19.29	48.01	74.00	-25.99
11650.00	Average	20.20	19.29	39.49	54.00	-14.51
17475.00	Peak	29.47	34.91	64.37	68.20	-3.83
N/A						

Remark:

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

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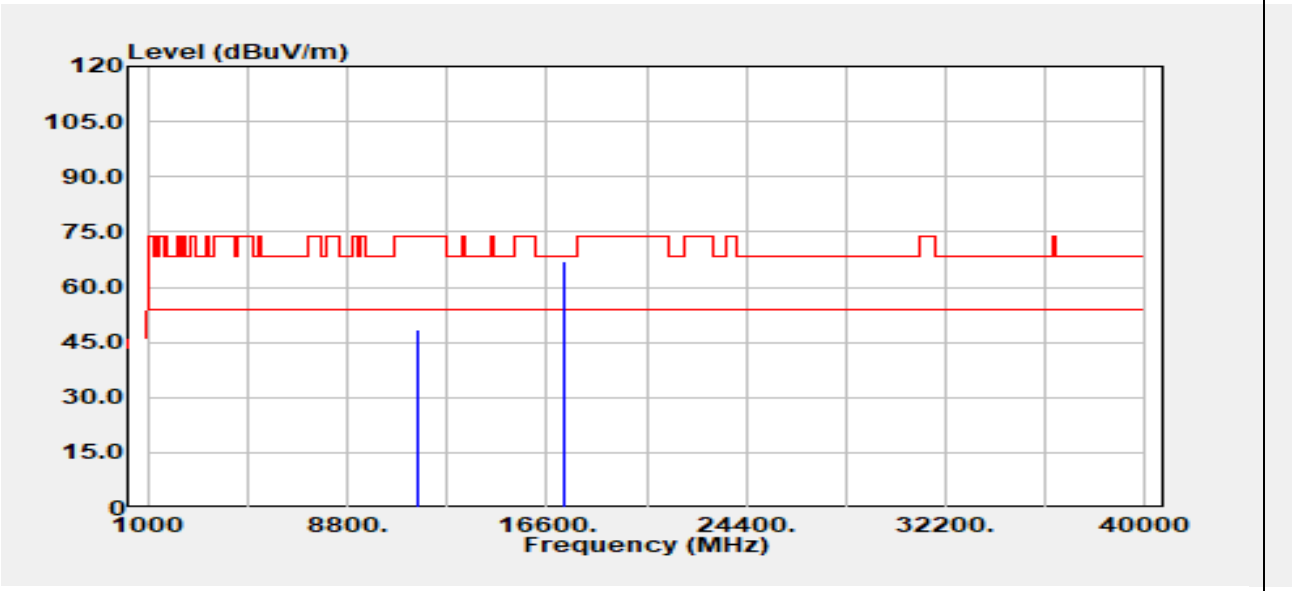
Test Mode	IEEE 802.11n HT40 / 5755 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
11510.00	Peak	29.04	19.22	48.27	74.00	-25.73
11510.00	Average	20.60	19.22	39.83	54.00	-14.17
17265.00	Peak	31.29	35.57	66.86	68.20	-1.34
N/A						

Remark:

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

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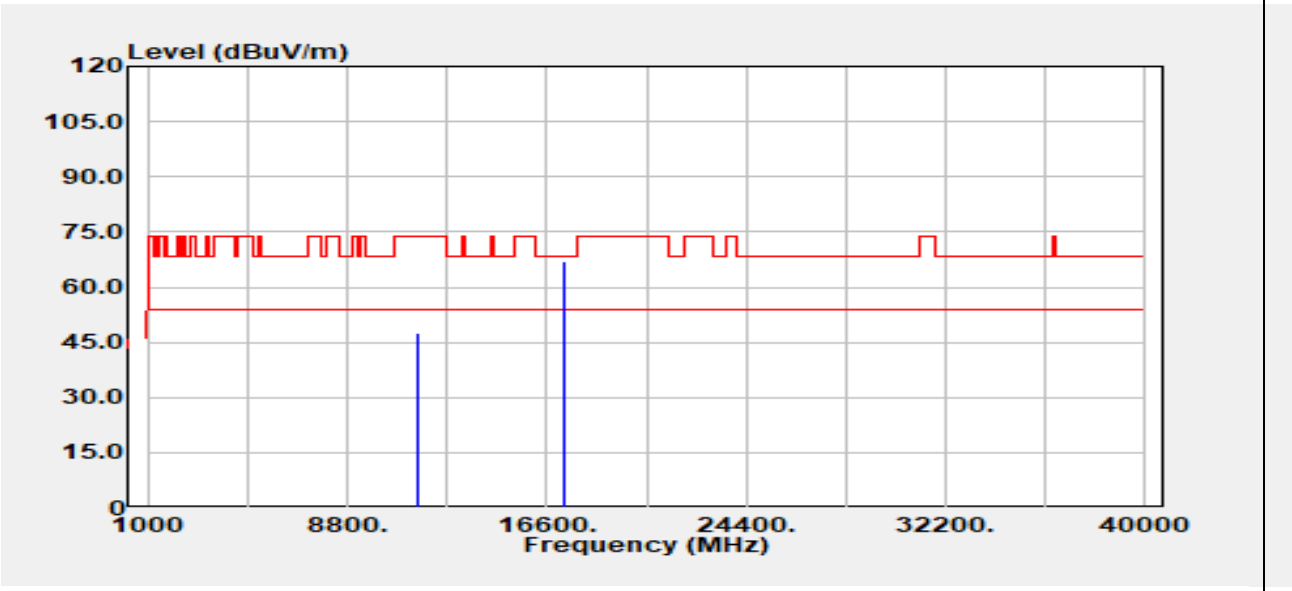
Test Mode	IEEE 802.11n HT40 / 5755 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
11510.00	Peak	28.20	19.22	47.42	74.00	-26.58
11510.00	Average	20.73	19.22	39.96	54.00	-14.04
17265.00	Peak	31.59	35.57	67.16	68.20	-1.04
N/A						

Remark:

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

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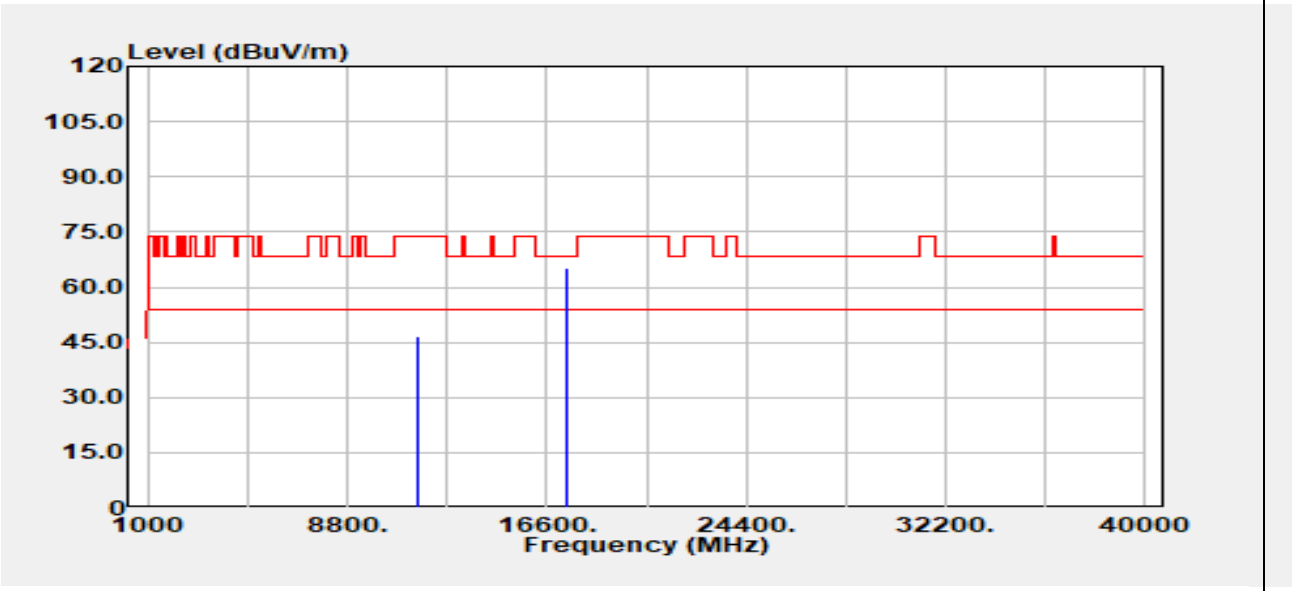
Test Mode	IEEE 802.11n HT40 / 5795 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	27.49	19.34	46.84	74.00	-27.16
11590.00	Average	20.03	19.34	39.37	54.00	-14.63
17385.00	Peak	29.87	35.37	65.24	68.20	-2.96
N/A						

Remark:

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

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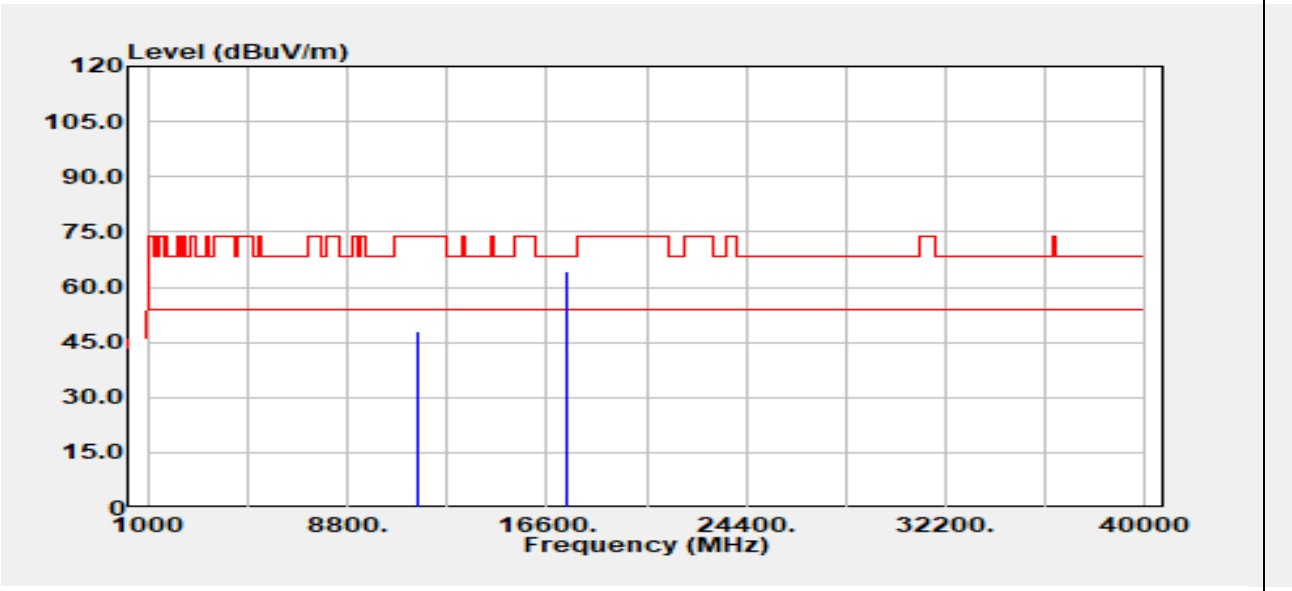
Test Mode	IEEE 802.11n HT40 / 5795 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	28.83	19.34	48.17	74.00	-25.83
11590.00	Average	20.04	19.34	39.38	54.00	-14.62
17385.00	Peak	29.03	35.37	64.40	68.20	-3.80
N/A						

Remark:

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

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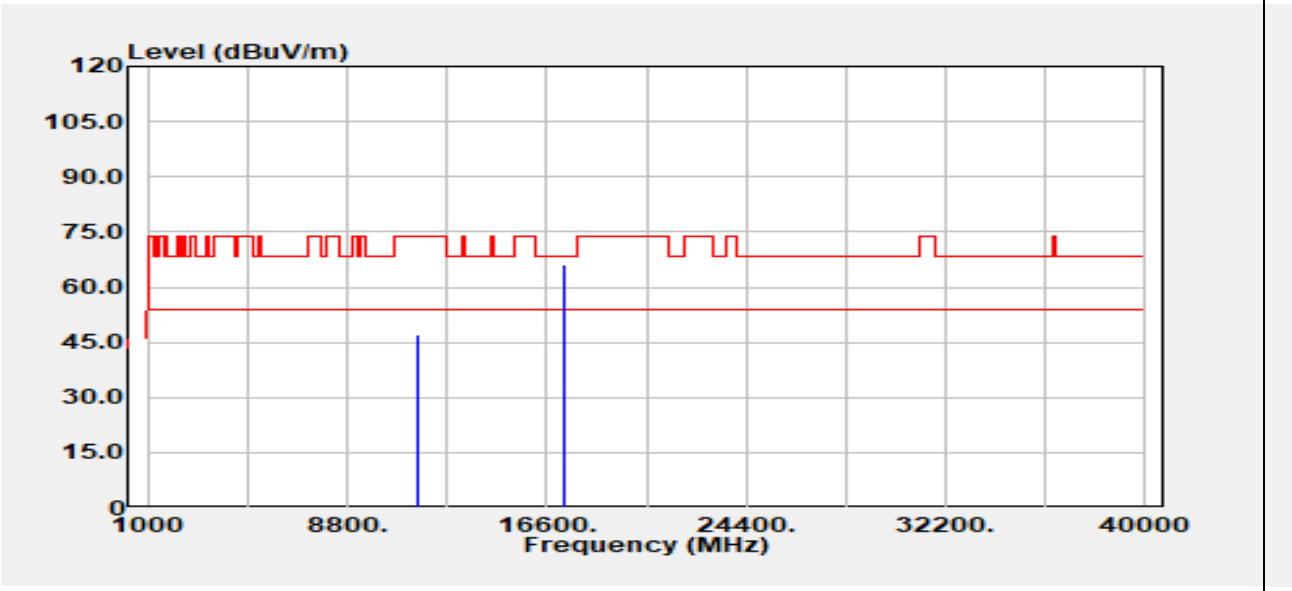
Test Mode	IEEE 802.11ac VHT80 / 5775 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	27.94	19.28	47.22	74.00	-26.78
11550.00	Average	20.34	19.28	39.62	54.00	-14.38
17325.00	Peak	30.66	35.59	66.25	68.20	-1.95
N/A						

Remark:

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

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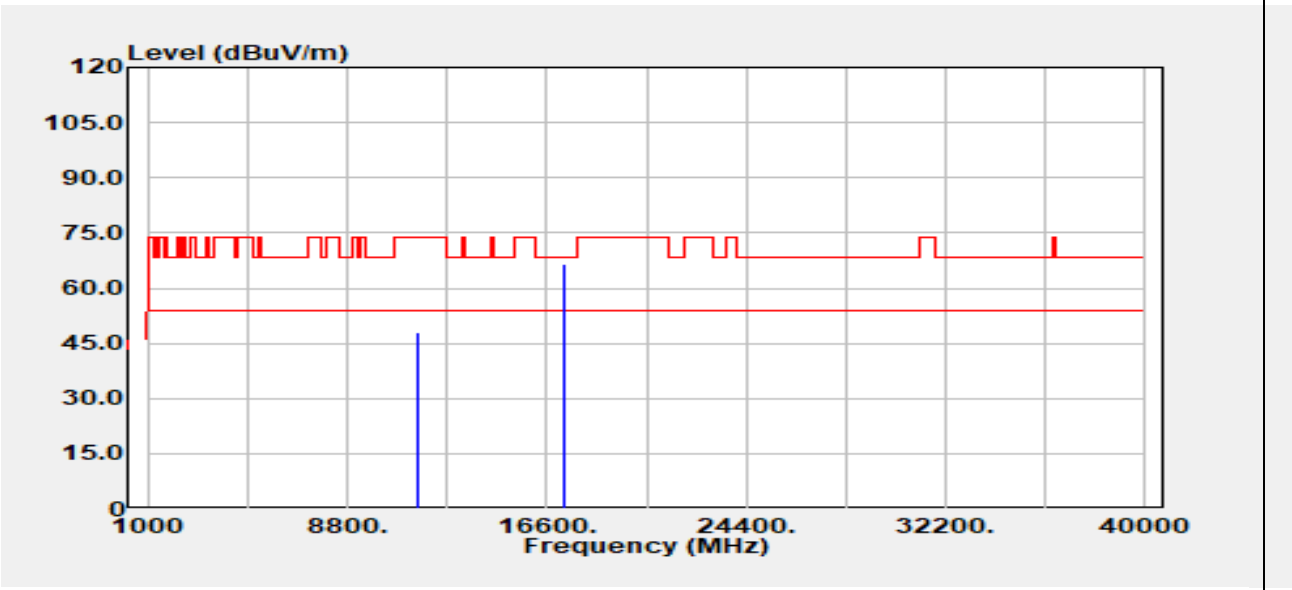
Test Mode	IEEE 802.11ac VHT80/ 5775 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	28.91	19.28	48.19	74.00	-25.81
11550.00	Average	20.33	19.28	39.61	54.00	-14.39
17325.00	Peak	31.03	35.59	66.62	68.20	-1.58
N/A						

Remark:

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

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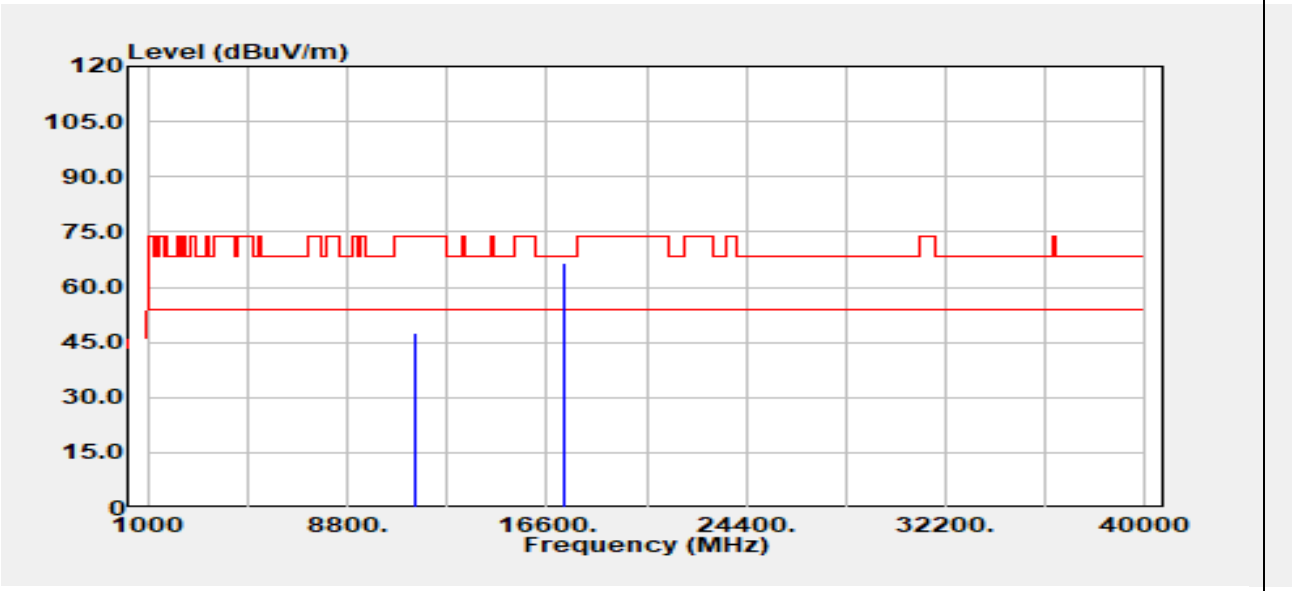
Test Mode	IEEE 802.11ax HE20 / 5745 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	28.16	19.20	47.36	74.00	-26.64
11490.00	Average	20.52	19.20	39.72	54.00	-14.28
17235.00	Peak	31.15	35.48	66.64	68.20	-1.56
N/A						

Remark:

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

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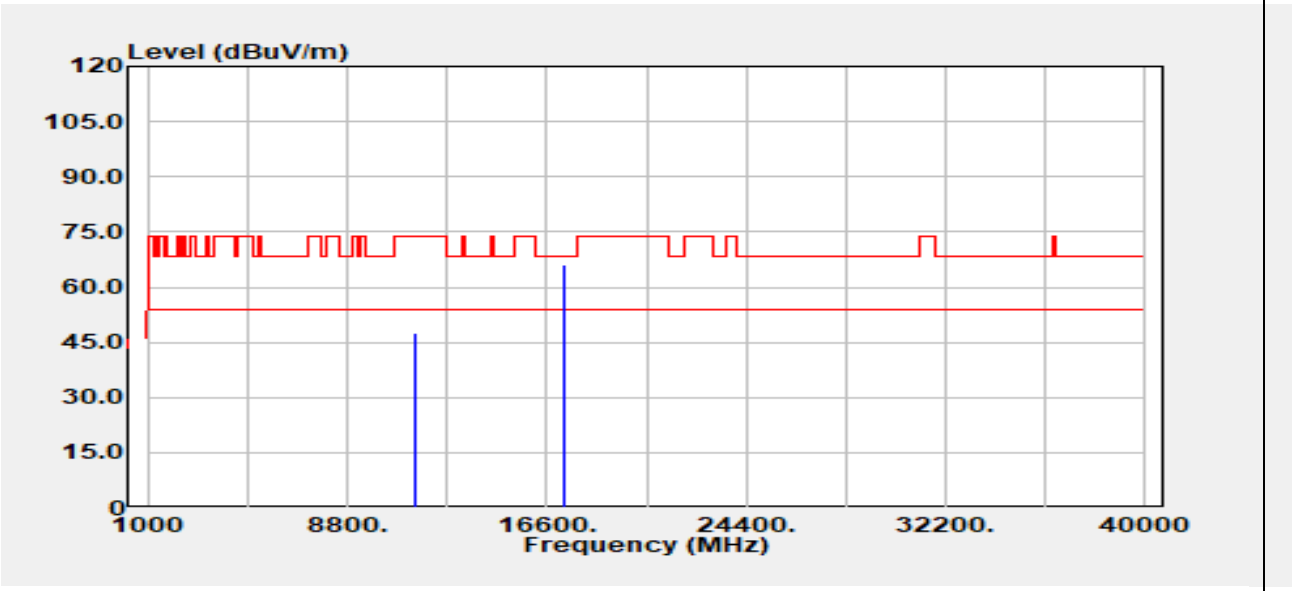
Test Mode	IEEE 802.11ax HE20 / 5745 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	28.21	19.20	47.41	74.00	-26.59
11490.00	Average	20.59	19.20	39.79	54.00	-14.21
17235.00	Peak	30.79	35.48	66.28	68.20	-1.92
N/A						

Remark:

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

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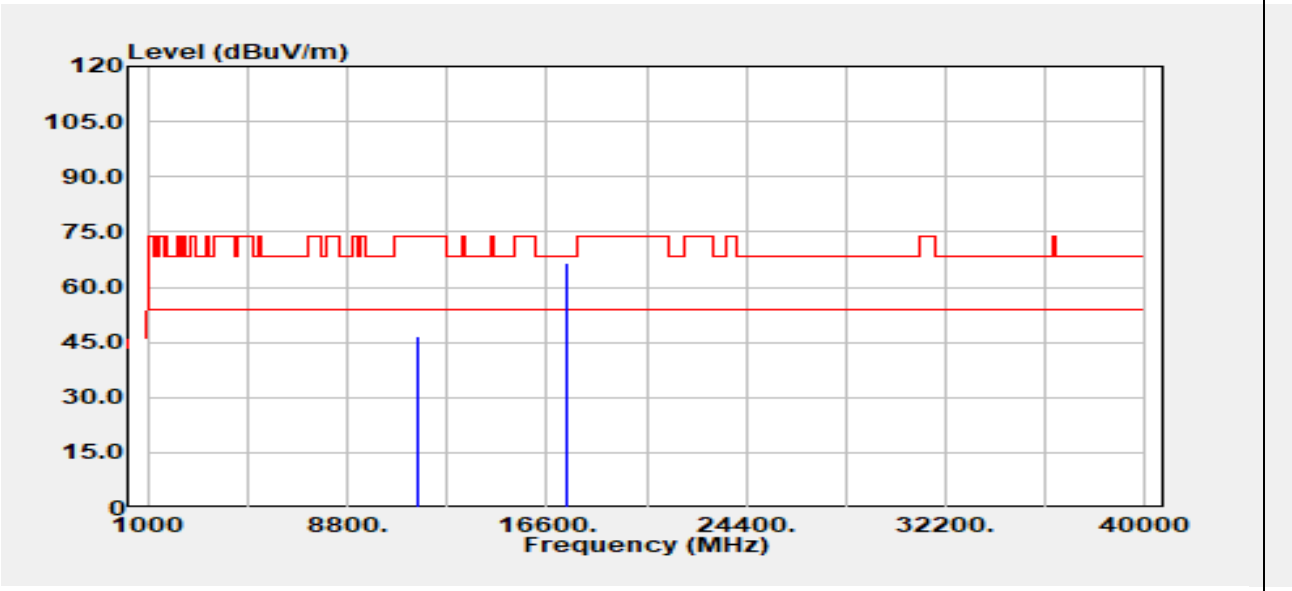
Test Mode	IEEE 802.11ax HE20/ 5785 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	27.21	19.31	46.52	74.00	-27.48
11570.00	Average	20.25	19.31	39.56	54.00	-14.44
17355.00	Peak	31.09	35.52	66.61	68.20	-1.59
N/A						

Remark:

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

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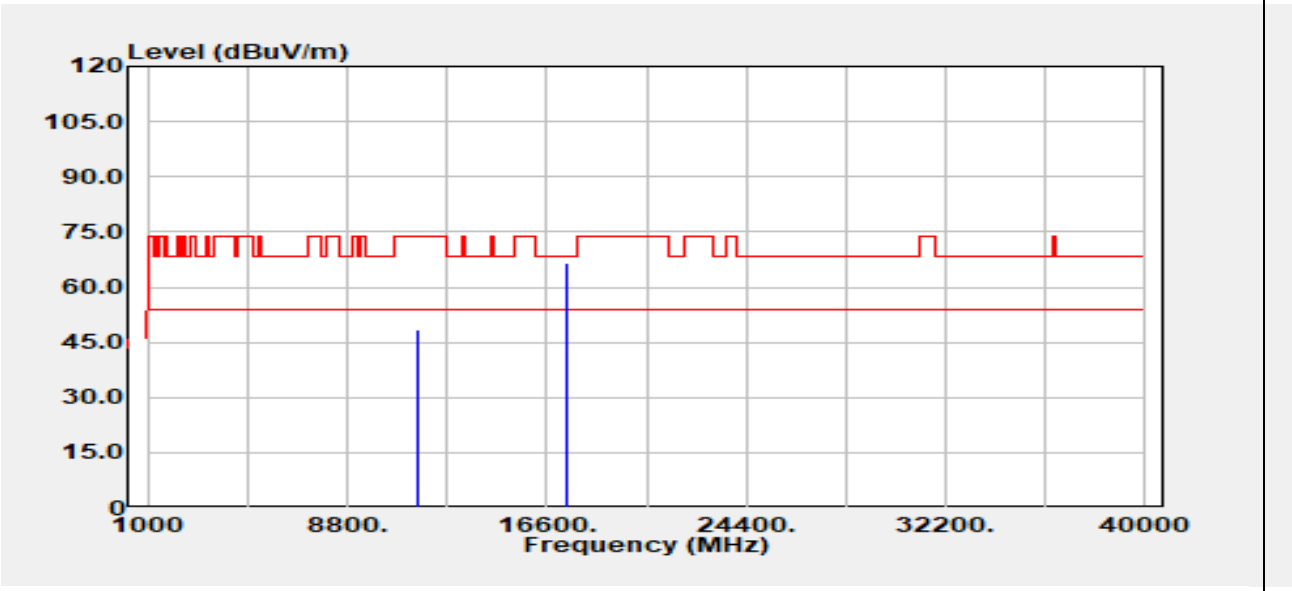
Test Mode	IEEE 802.11ax HE20/ 5785 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	29.09	19.31	48.40	74.00	-25.60
11570.00	Average	20.28	19.31	39.59	54.00	-14.41
17355.00	Peak	31.25	35.52	66.77	68.20	-1.43
N/A						

Remark:

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

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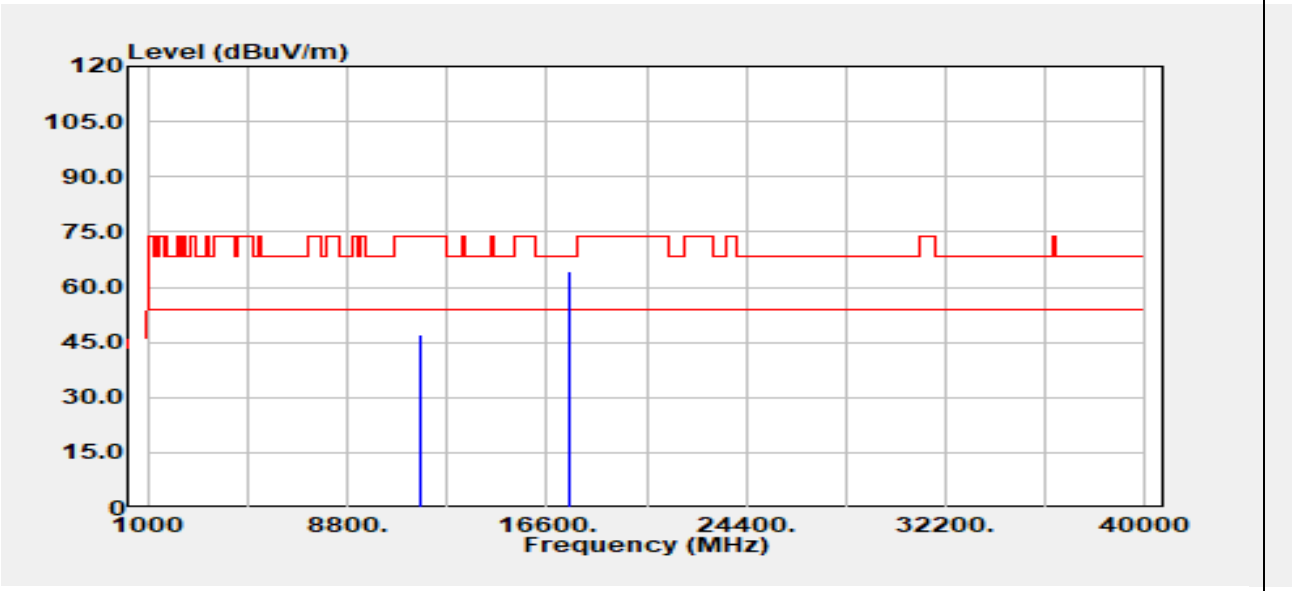
Test Mode	IEEE 802.11ax HE20/ 5825 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	27.76	19.29	47.05	74.00	-26.95
11650.00	Average	19.98	19.29	39.27	54.00	-14.73
17475.00	Peak	29.41	34.91	64.32	68.20	-3.88
N/A						

Remark:

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

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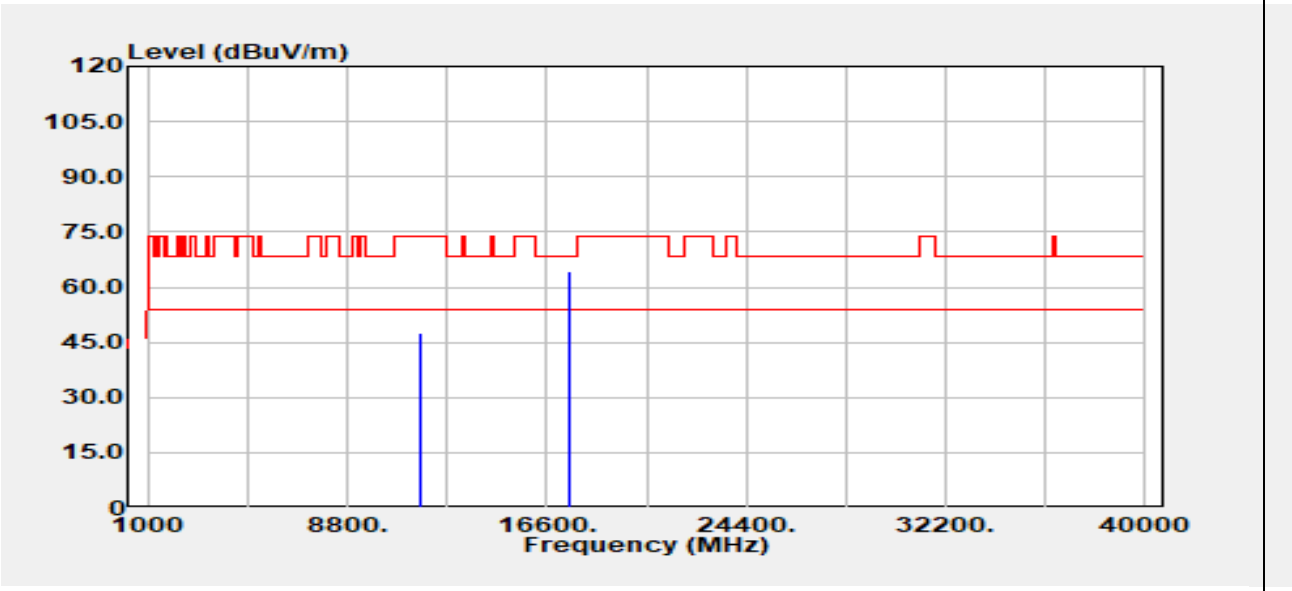
Test Mode	IEEE 802.11ax HE20 / 5825 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	28.14	19.29	47.43	74.00	-26.57
11650.00	Average	20.09	19.29	39.38	54.00	-14.62
17475.00	Peak	29.61	34.91	64.51	68.20	-3.69
N/A						

Remark:

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

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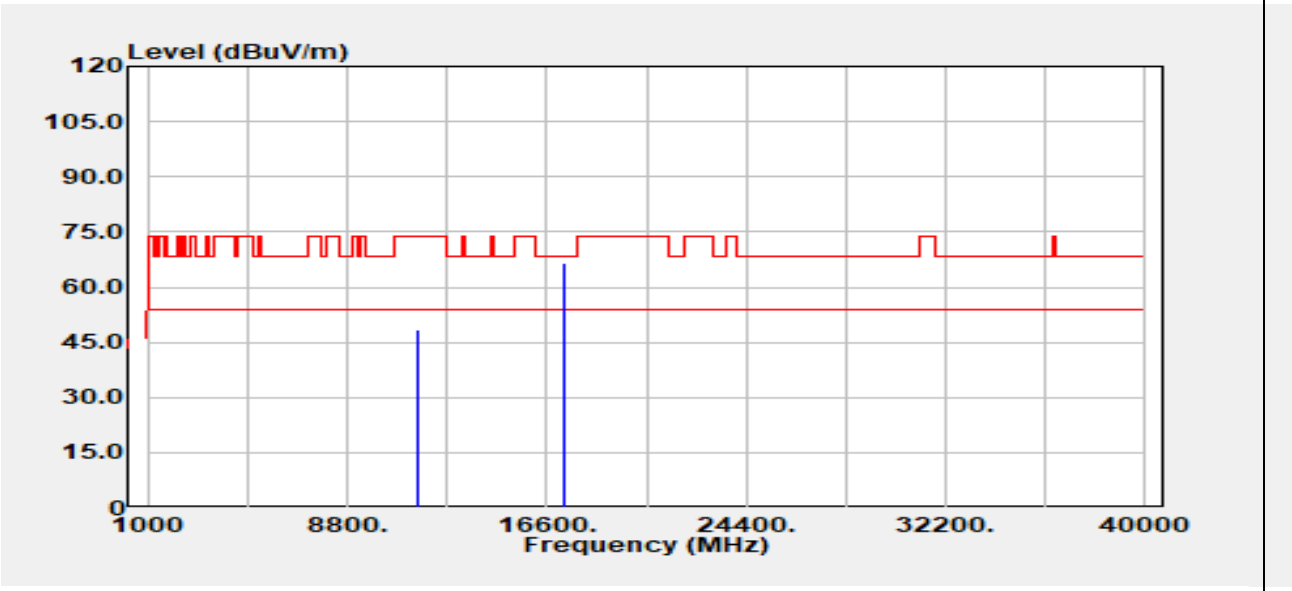
Test Mode	IEEE 802.11ax HE40 / 5755 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
11510.00	Peak	29.33	19.22	48.55	74.00	-25.45
11510.00	Average	20.56	19.22	39.78	54.00	-14.22
17265.00	Peak	31.04	35.57	66.61	68.20	-1.59
N/A						

Remark:

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

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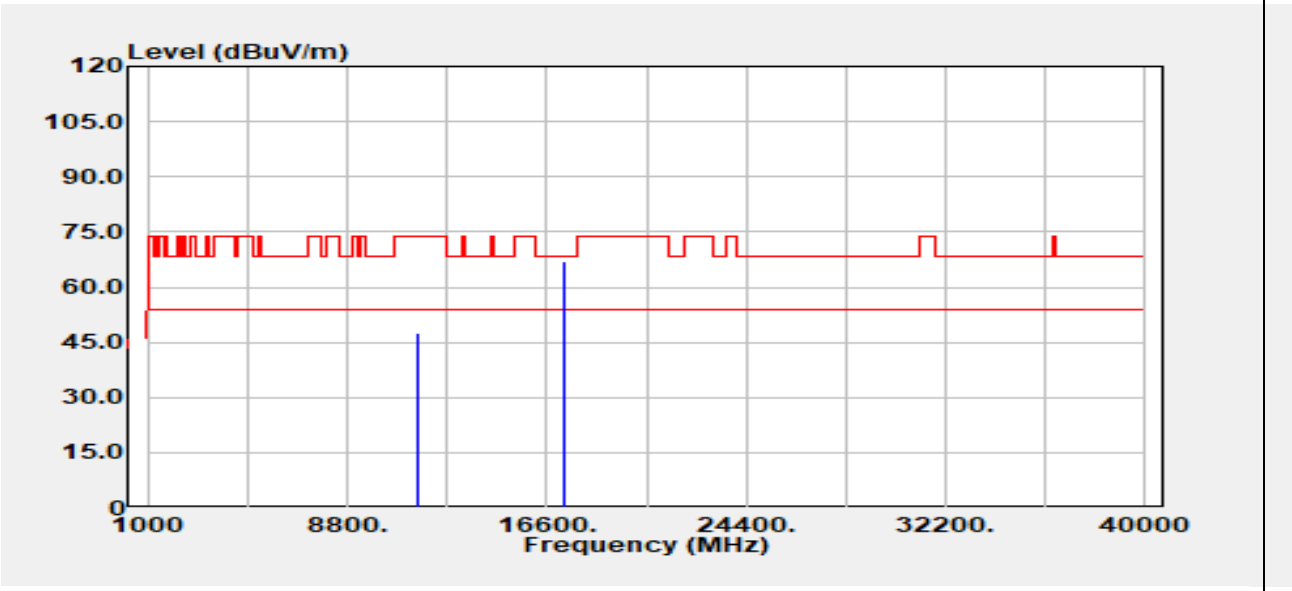
Test Mode	IEEE 802.11ax HE40 / 5755 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
11510.00	Peak	28.11	19.22	47.33	74.00	-26.67
11510.00	Average	20.51	19.22	39.74	54.00	-14.26
17265.00	Peak	31.44	35.57	67.01	68.20	-1.19
N/A						

Remark:

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

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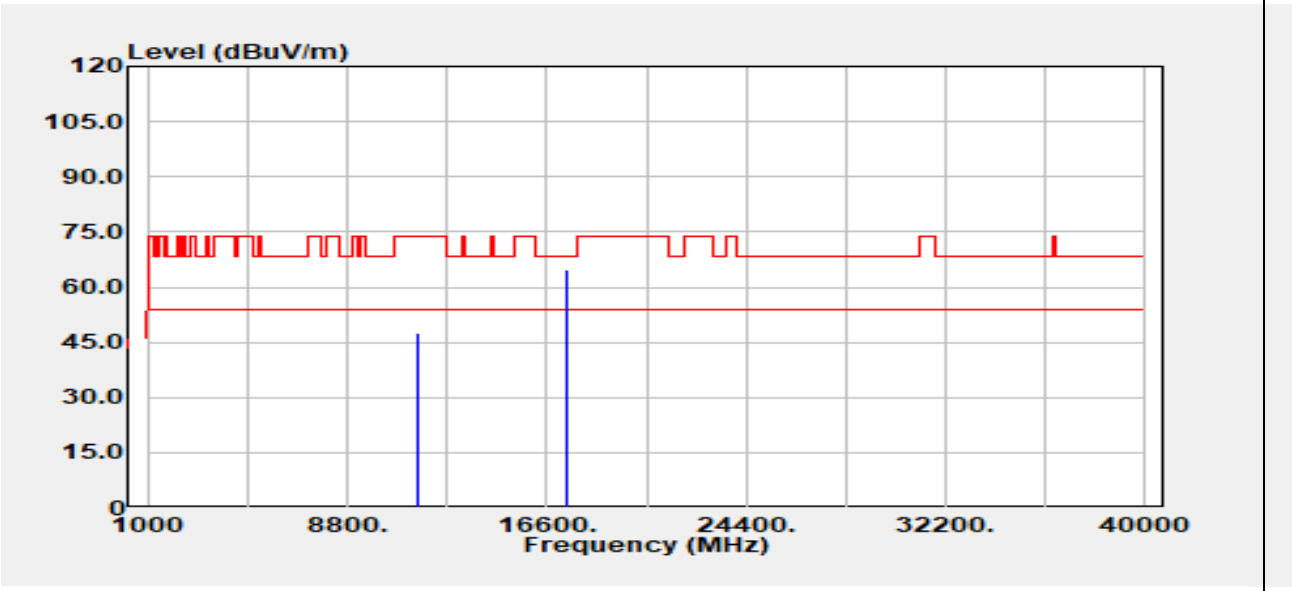
Test Mode	IEEE 802.11ax HE40 / 5795 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	28.31	19.34	47.66	74.00	-26.34
11590.00	Average	19.98	19.34	39.32	54.00	-14.68
17385.00	Peak	29.30	35.37	64.66	68.20	-3.54
N/A						

Remark:

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

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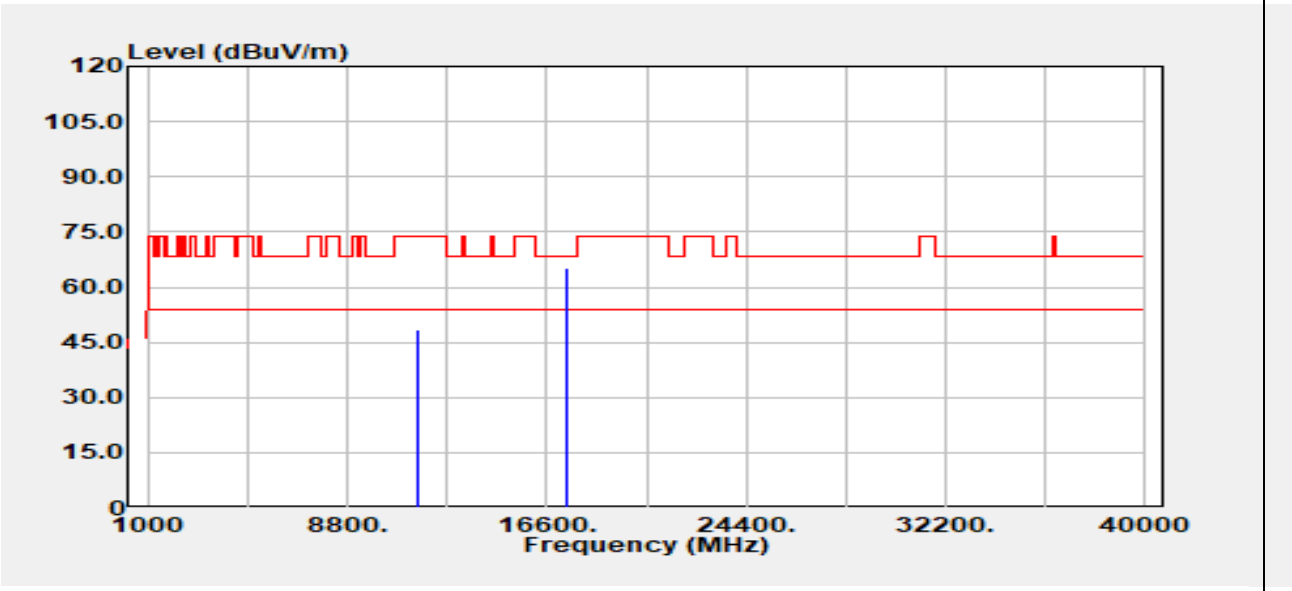
Test Mode	IEEE 802.11ax HE40 / 5795 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	29.07	19.34	48.41	74.00	-25.59
11590.00	Average	20.17	19.34	39.52	54.00	-14.48
17385.00	Peak	29.92	35.37	65.28	68.20	-2.92
N/A						

Remark:

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

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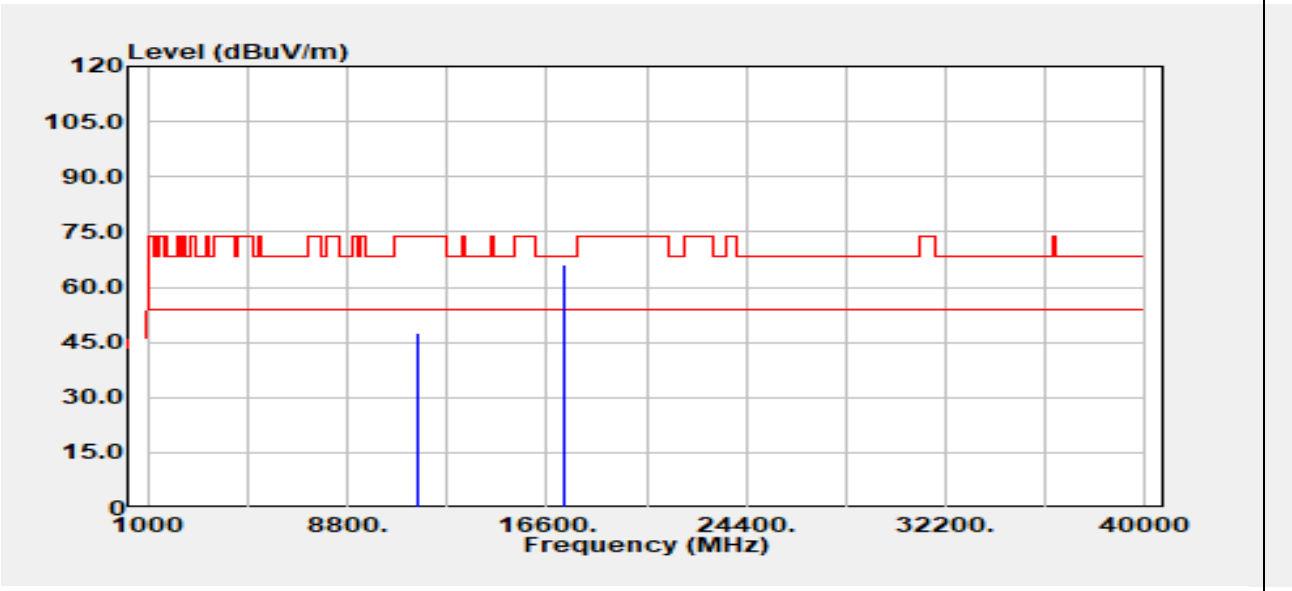
Test Mode	IEEE 802.11ax HE80 / 5775 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	28.45	19.28	47.73	74.00	-26.27
11550.00	Average	20.26	19.28	39.54	54.00	-14.46
17325.00	Peak	30.62	35.59	66.21	68.20	-1.99
N/A						

Remark:

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

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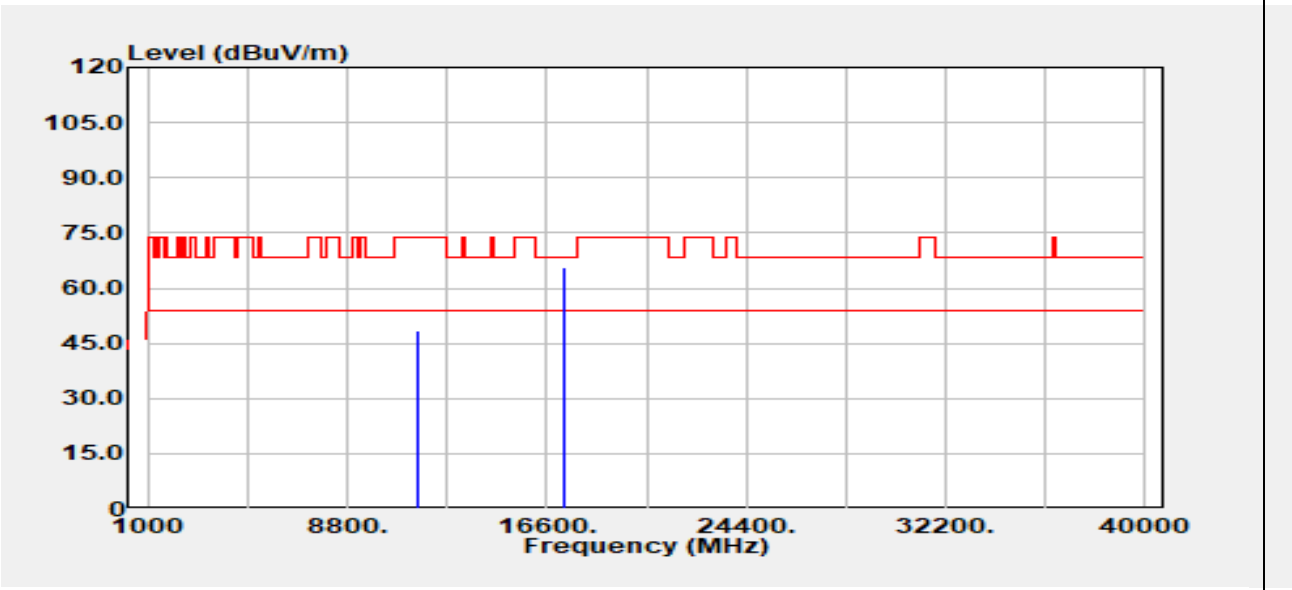
Test Mode	IEEE 802.11ax HE80/ 5775 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Harmonic	Test Date	November 17, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



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	Peak	29.05	19.28	48.33	74.00	-25.67
11550.00	Average	20.26	19.28	39.54	54.00	-14.46
17325.00	Peak	30.03	35.59	65.62	68.20	-2.58
N/A						

Remark:

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

- End of Test Report -

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