IEEE 802.11n HT20 mode High CH- chain 1

Reference Level

Band Edge

Spurious Emission 30MHz-25GHz

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IEEE 802.11n HT40 mode Low CH- chain 1

Reference Level

Band Edge

Spurious Emission 30MHz-25GHz

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IEEE 802.11n HT40 mode Mid CH- chain 1	
Reference Level	**Spurious Emission 30MHz-25GHz**

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IEEE 802.11n HT40 mode High CH- chain 1	
Reference Level	**Band Edge**
Spurious Emission 30MHz-25GHz	

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IEEE 802.11ax HE20 mode Low CH- chain 1

Reference Level

Band Edge

Spurious Emission 30MHz-25GHz

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IEEE 802.11ax HE20 mode Mid CH- chain 1	
Reference Level	**Spurious Emission 30MHz-25GHz**

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IEEE 802.11ax HE20 mode High CH- chain 1	
Reference Level	**Band Edge**
Spurious Emission 30MHz-25GHz	

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IEEE 802.11ax HE40 mode Low CH- chain 1	
Reference Level	**Band Edge**
Spurious Emission 30MHz-25GHz	

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IEEE 802.11ax HE40 mode Mid CH- chain 1	
Reference Level	**Spurious Emission 30MHz-25GHz**

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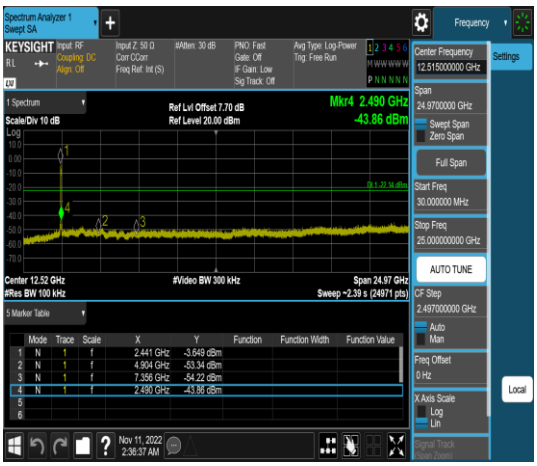
IEEE 802.11ax HE40 mode High CH- chain 1	
Reference Level	**Band Edge**
Spurious Emission 30MHz-25GHz	
	

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4.6 RADIATION BANDEDGE AND SPURIOUS EMISSION

4.6.1 Test Limit

FCC according to §15.247(d), §15.209 and §15.205,

In any 100 kHz bandwidth outside the authorized frequency band, all harmonic and spurious must be least 20 dB below the highest emission level with the authorized frequency band. Radiation emission which fall in the restricted bands must also follow the FCC section 15.209 as below limit in table.

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	Field Strength (microvolts/m)	Measurement Distance (metres)
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

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4.6.2 Test Procedure

Test method Refer as ANSI C63.10:2013.

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.

Note: No emission found between lowest internal used/generated frequency to 30MHz (9KHz~30MHz)

Remark:

Although these tests were performed other than open area test site, adequate comparison measurements were confirmed against 30 m open are test site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field based on KDB 414788.

4. 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.

5. Data result：

Actual FS=Spectrum Reading Level + Factor

Margin=Actual FS- Limit

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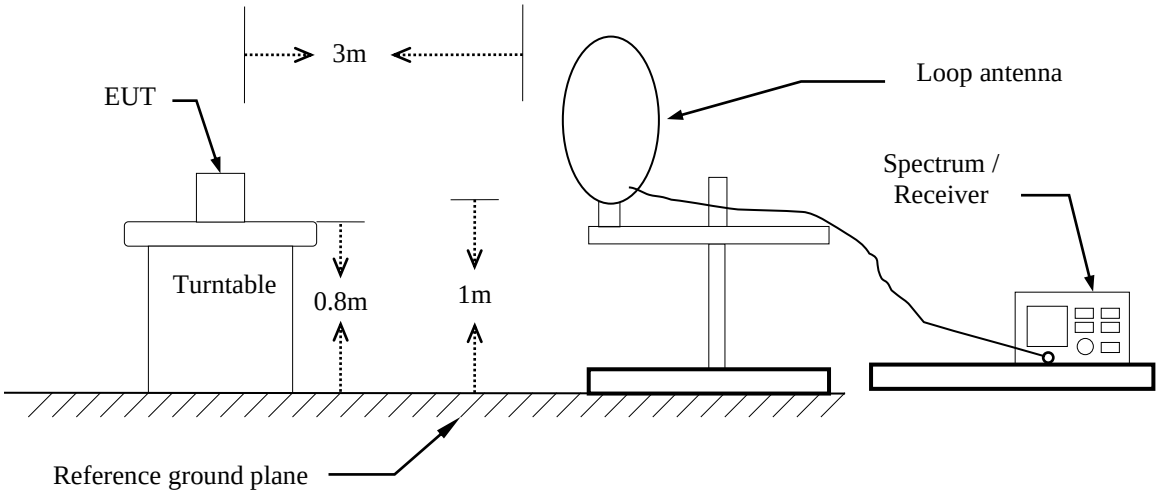
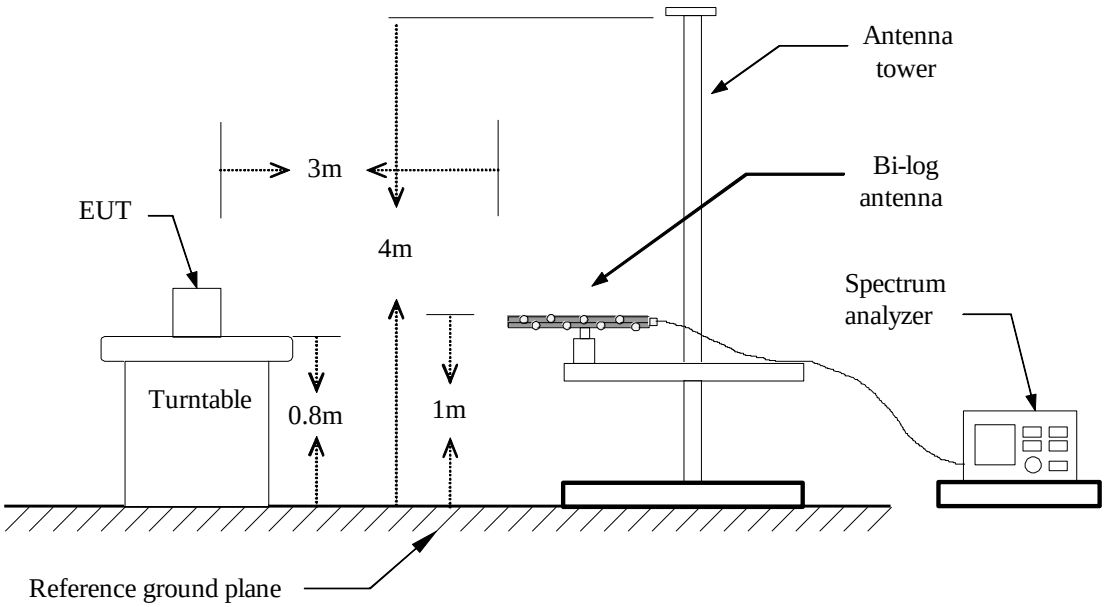
4.6.3 Test Setup

9kHz ~ 30MHz



30MHz ~ 1GHz



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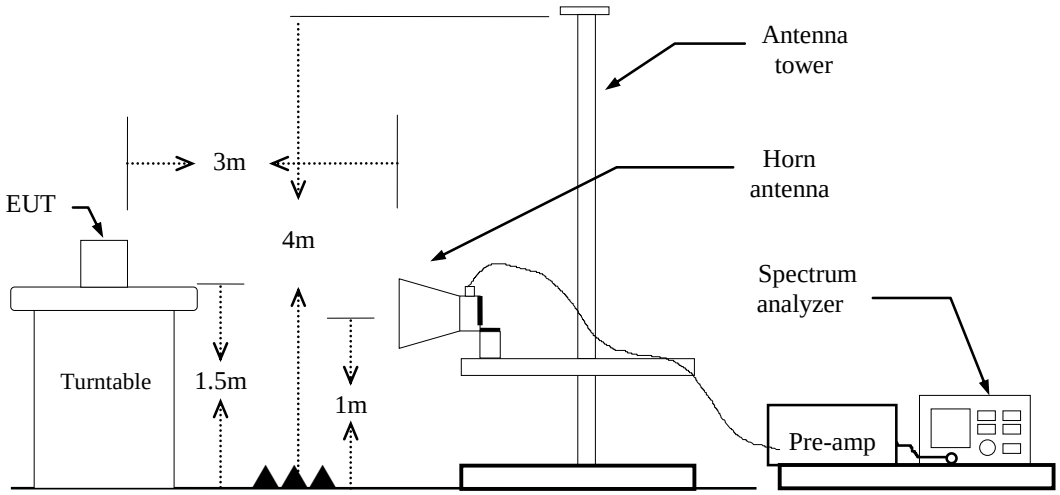
Above 1 GHz



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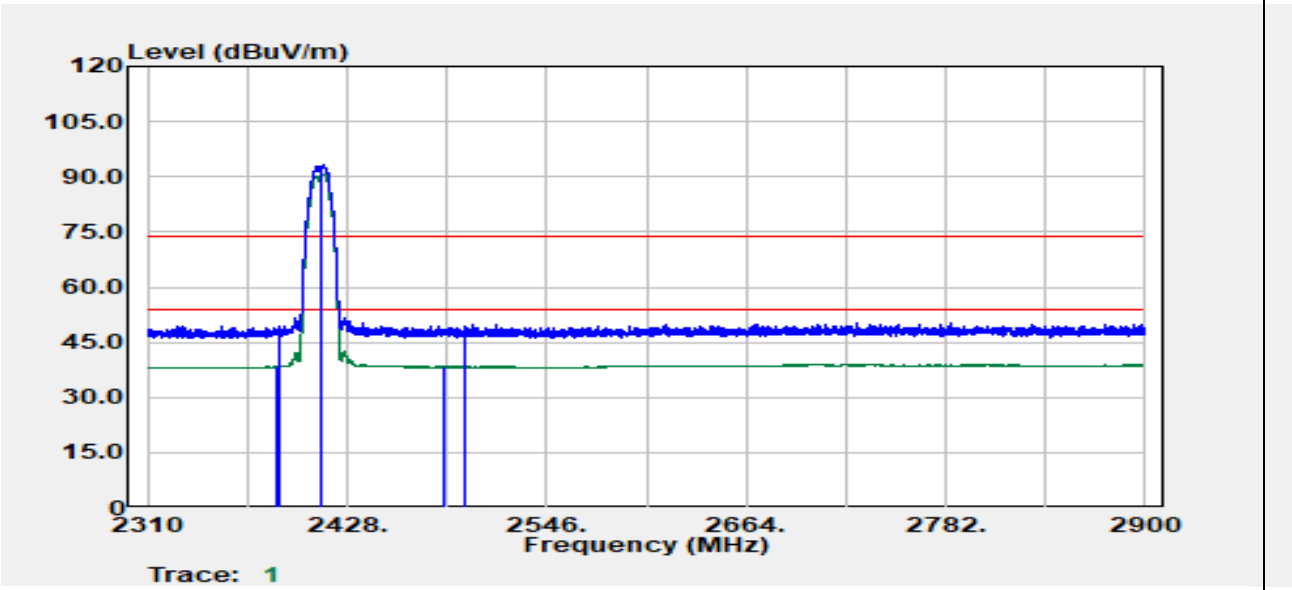
4.6.4 Test Result

Band Edge Test Data

Test Mode	IEEE 802.11b Low CH 2412MHz	Temp/Hum	24.2(℃)/ 61%RH
Test Item	Band Edge	Test Date	November 15, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2386.94	Average	30.86	7.74	38.60	54.00	-15.40
2388.59	Peak	41.59	7.75	49.34	74.00	-24.66
2412.00	Peak	85.54	7.86	93.40	--	--
2412.00	Average	82.78	7.86	90.64	--	--
2484.76	Average	30.11	8.27	38.37	54.00	-15.63
2497.50	Peak	40.81	8.33	49.14	74.00	-24.86

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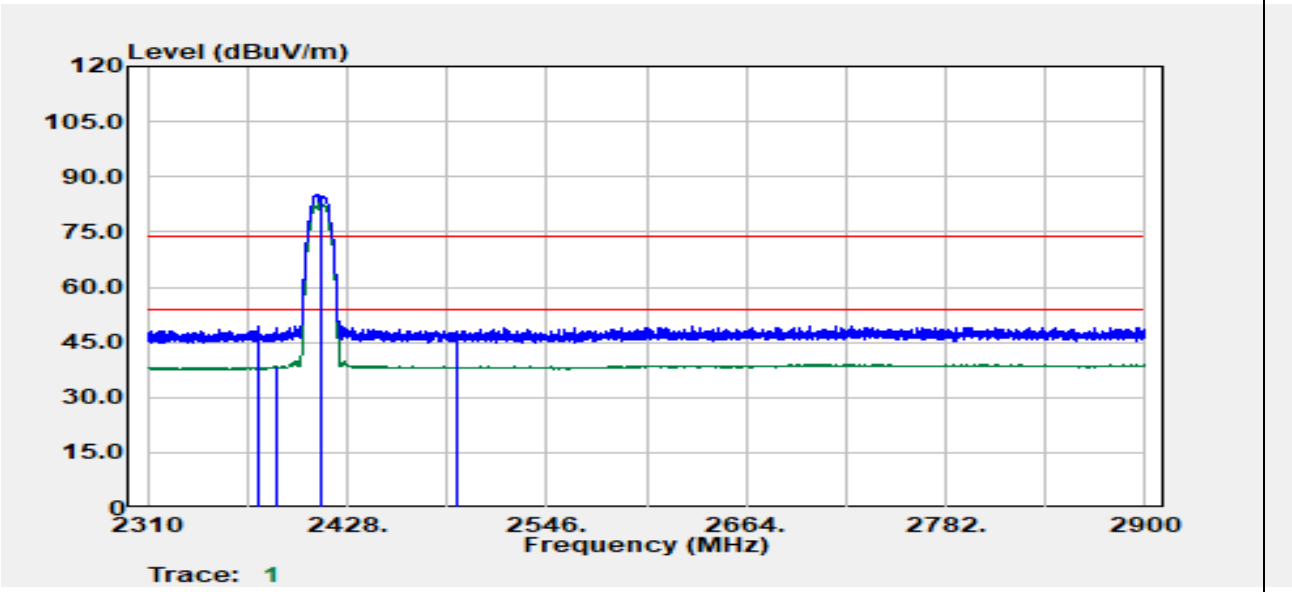
Test Mode	IEEE 802.11b Low CH 2412MHz	Temp/Hum	24.2(℃)/ 61%RH
Test Item	Band Edge	Test Date	November 15, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2375.37	Peak	41.62	7.71	49.33	74.00	-24.67
2386.35	Average	30.57	7.74	38.32	54.00	-15.68
2412.00	Peak	77.34	7.86	85.20	--	--
2412.00	Average	74.79	7.86	82.65	--	--
2492.43	Average	29.98	8.30	38.28	54.00	-15.72
2493.25	Peak	39.90	8.31	48.21	74.00	-25.79

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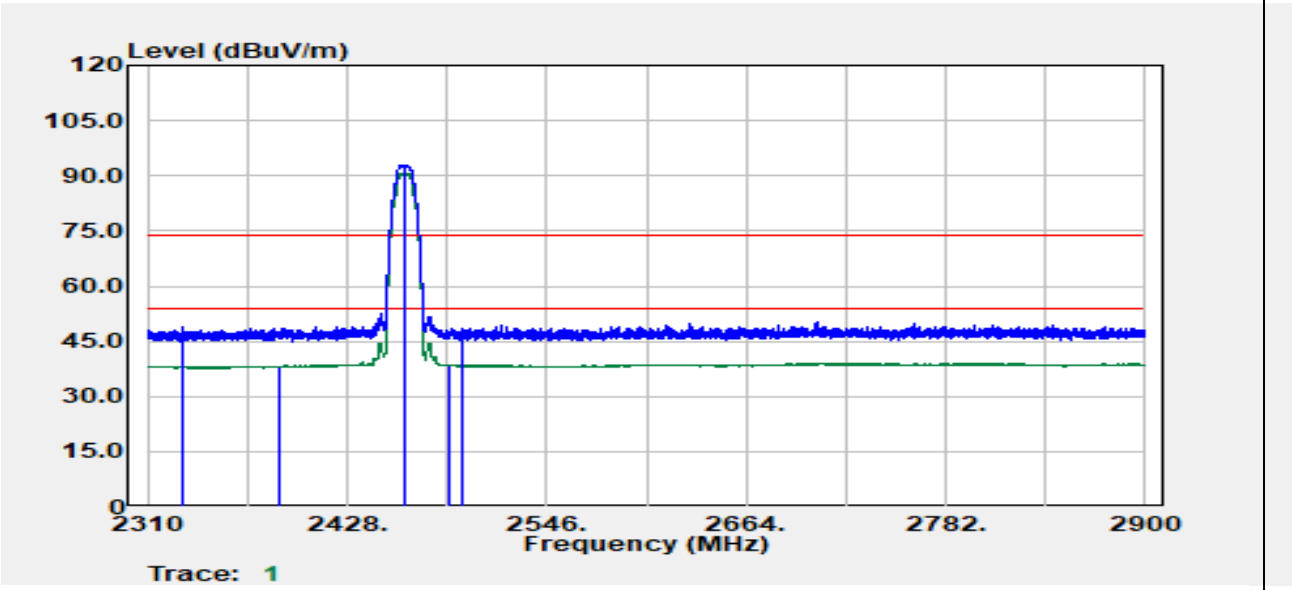
Test Mode	IEEE 802.11b High CH 2462MHz	Temp/Hum	24.2(℃)/ 61%RH
Test Item	Band Edge	Test Date	November 15, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2331.36	Peak	41.16	7.61	48.77	74.00	-25.23
2387.41	Average	30.51	7.74	38.25	54.00	-15.75
2462.00	Peak	84.83	8.16	92.99	--	--
2462.00	Average	82.44	8.16	90.60	--	--
2487.94	Average	30.38	8.28	38.66	54.00	-15.34
2496.79	Peak	40.23	8.32	48.55	74.00	-25.45

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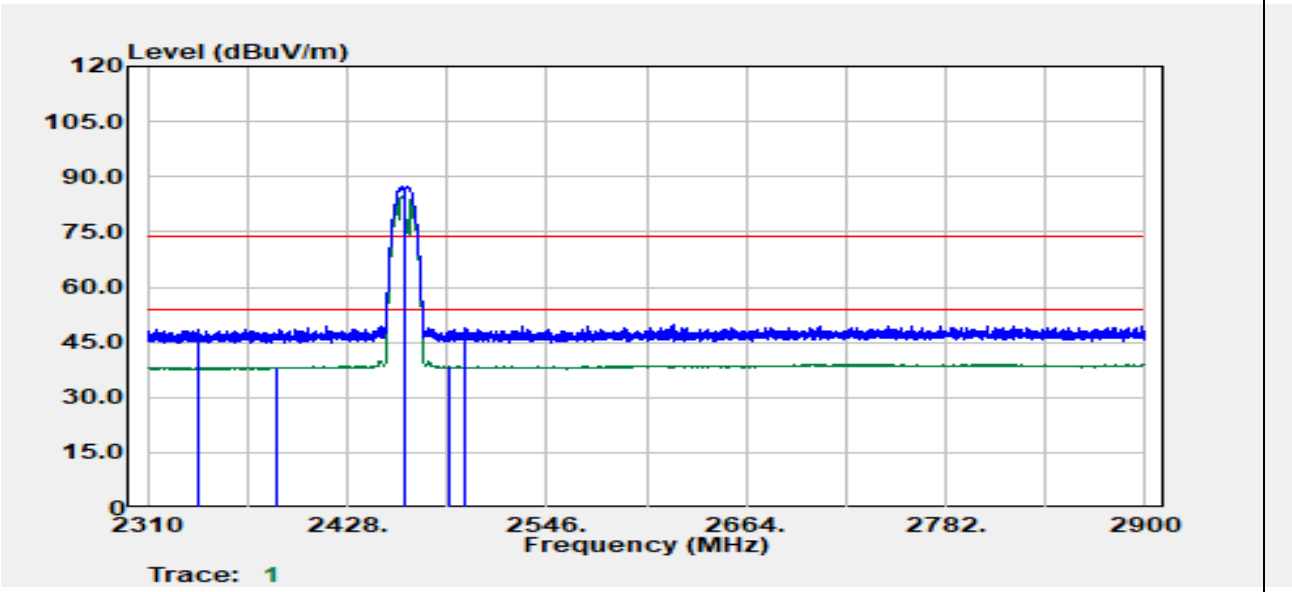
Test Mode	IEEE 802.11b High CH 2462MHz	Temp/Hum	24.2(℃)/ 61%RH
Test Item	Band Edge	Test Date	November 15, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2339.62	Peak	40.69	7.62	48.31	74.00	-25.69
2386.58	Average	30.41	7.74	38.15	54.00	-15.85
2462.00	Peak	79.33	8.16	87.49	--	--
2462.00	Average	76.60	8.16	84.76	--	--
2487.83	Average	30.08	8.28	38.36	54.00	-15.64
2497.27	Peak	40.43	8.33	48.75	74.00	-25.25

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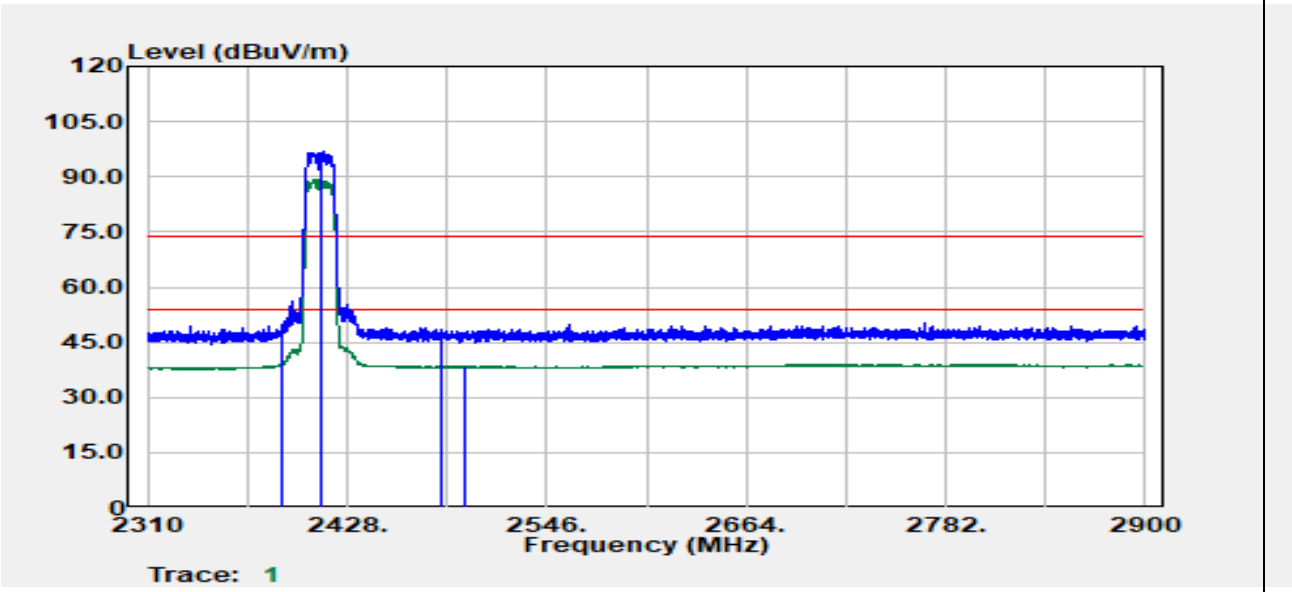
Test Mode	IEEE 802.11g Low CH 2412MHz	Temp/Hum	24.2(℃)/ 61%RH
Test Item	Band Edge	Test Date	November 15, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2389.89	Peak	42.10	7.75	49.85	74.00	-24.15
2389.89	Average	31.43	7.75	39.18	54.00	-14.82
2412.00	Peak	89.07	7.86	96.93	--	--
2412.00	Average	81.33	7.86	89.19	--	--
2483.81	Peak	40.40	8.26	48.67	74.00	-25.33
2497.38	Average	30.16	8.33	38.49	54.00	-15.51

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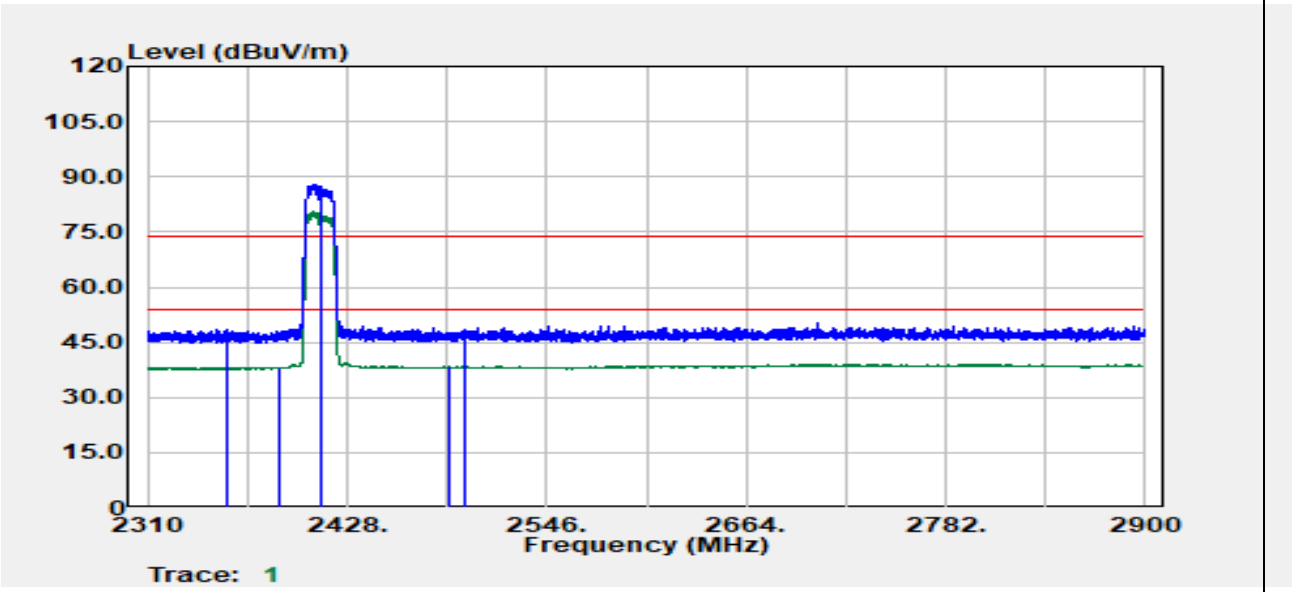
Test Mode	IEEE 802.11g Low CH 2412MHz	Temp/Hum	24.2(℃)/ 61%RH
Test Item	Band Edge	Test Date	November 15, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2356.73	Peak	40.80	7.66	48.46	74.00	-25.54
2387.76	Average	30.45	7.75	38.20	54.00	-15.80
2412.00	Peak	79.87	7.86	87.73	--	--
2412.00	Average	72.58	7.86	80.44	--	--
2488.42	Average	30.14	8.28	38.42	54.00	-15.58
2497.50	Peak	40.22	8.33	48.54	74.00	-25.46

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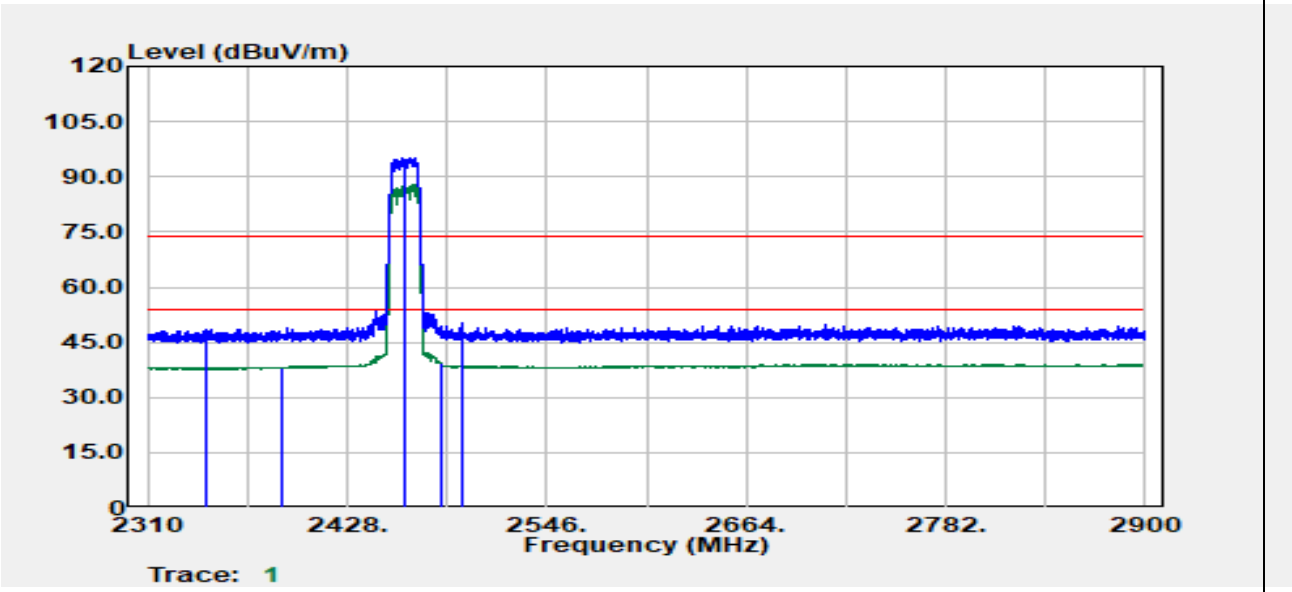
Test Mode	IEEE 802.11g High CH 2462MHz	Temp/Hum	24.2(℃)/ 61%RH
Test Item	Band Edge	Test Date	November 15, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2344.34	Peak	40.85	7.63	48.49	74.00	-25.51
2389.30	Average	30.50	7.75	38.25	54.00	-15.75
2462.00	Peak	86.85	8.16	95.01	--	--
2462.00	Average	79.53	8.16	87.69	--	--
2483.50	Average	30.94	8.26	39.21	54.00	-14.79
2495.38	Peak	42.16	8.32	50.48	74.00	-23.52

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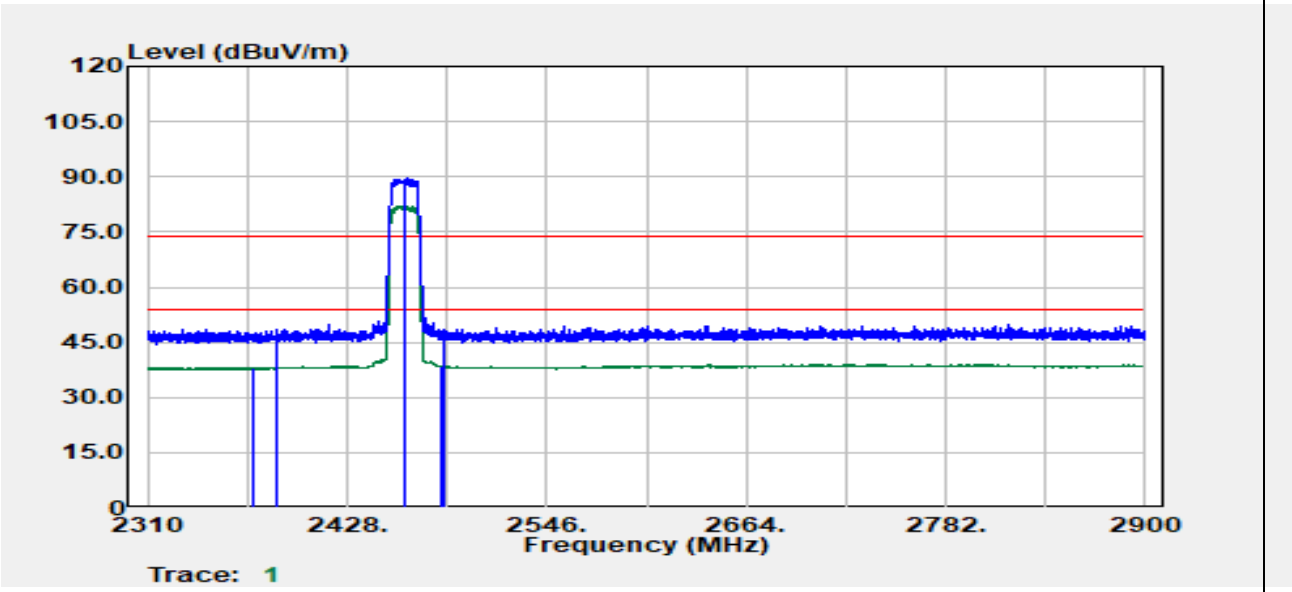
Test Mode	IEEE 802.11g High CH 2462MHz	Temp/Hum	24.2(℃)/ 61%RH
Test Item	Band Edge	Test Date	November 15, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak & Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2372.42	Average	30.43	7.70	38.14	54.00	-15.86
2387.05	Peak	40.60	7.74	48.35	74.00	-25.65
2462.00	Peak	81.31	8.16	89.47	--	--
2462.00	Average	73.92	8.16	82.07	--	--
2484.05	Average	30.18	8.26	38.44	54.00	-15.56
2485.94	Peak	40.28	8.27	48.55	74.00	-25.45

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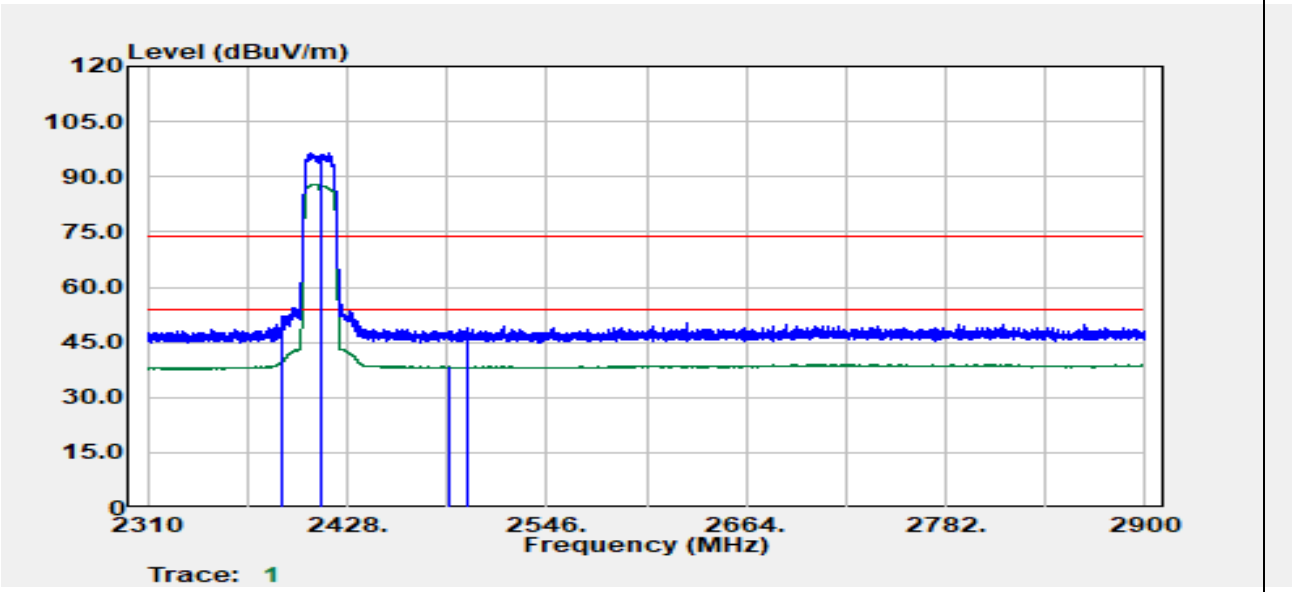
Test Mode	IEEE 802.11n HT20 Low CH 2412MHz	Temp/Hum	24.2(℃)/ 61%RH
Test Item	Band Edge	Test Date	November 15, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2390.00	Peak	44.13	7.75	51.88	74.00	-22.12
2390.00	Average	32.26	7.75	40.01	54.00	-13.99
2412.00	Peak	88.77	7.86	96.63	--	--
2412.00	Average	80.12	7.86	87.98	--	--
2487.83	Average	30.12	8.28	38.40	54.00	-15.60
2498.56	Peak	40.41	8.33	48.74	74.00	-25.26

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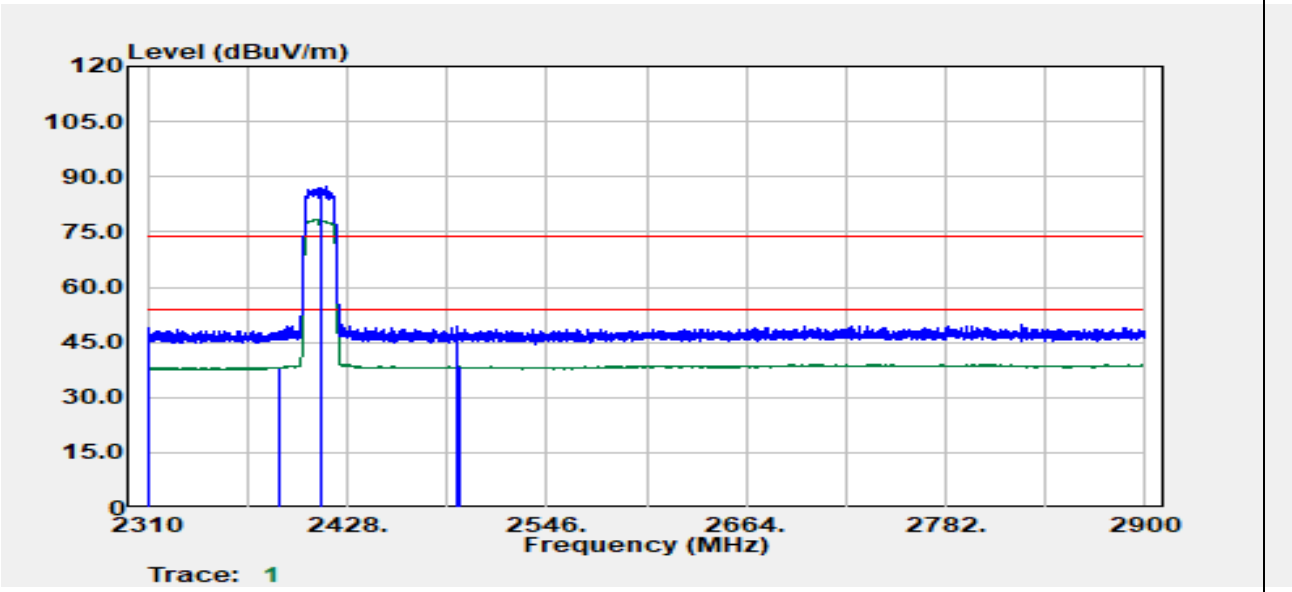
Test Mode	IEEE 802.11n HT20 Low CH 2412MHz	Temp/Hum	24.2(℃)/ 61%RH
Test Item	Band Edge	Test Date	November 15, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2310.71	Peak	41.44	7.58	49.02	74.00	-24.98
2388.00	Average	30.49	7.75	38.24	54.00	-15.76
2412.00	Peak	79.40	7.86	87.25	--	--
2412.00	Average	70.48	7.86	78.34	--	--
2492.78	Peak	41.04	8.31	49.35	74.00	-24.65
2494.20	Average	30.00	8.31	38.31	54.00	-15.69

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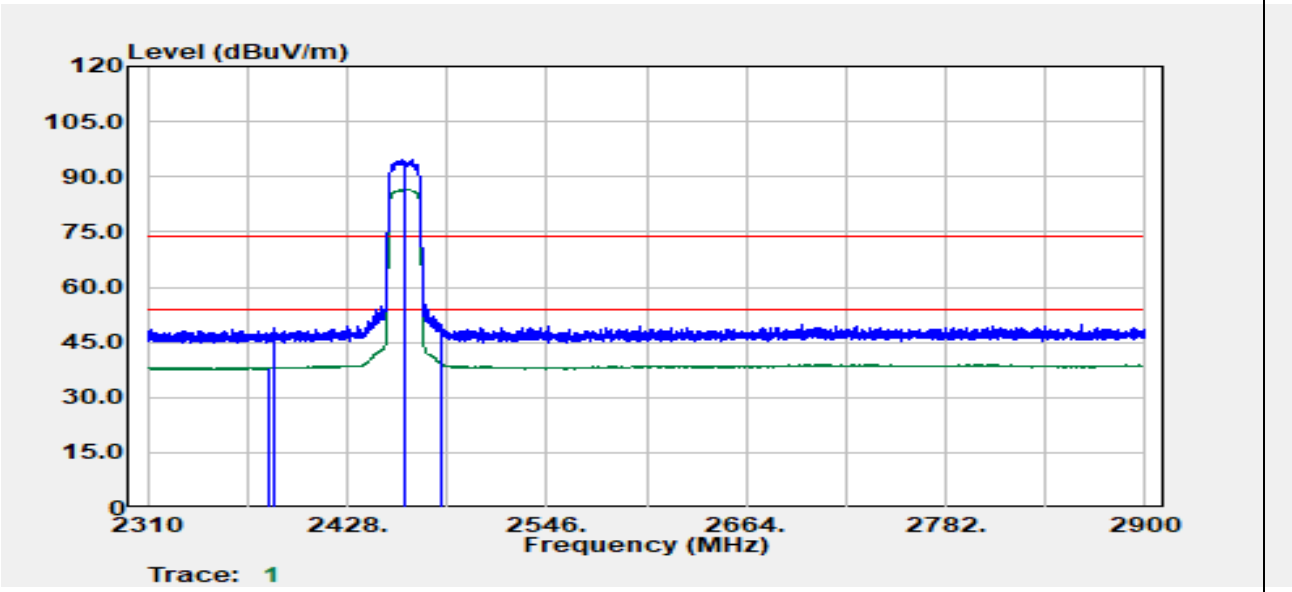
Test Mode	IEEE 802.11n HT20 High CH 2462MHz	Temp/Hum	24.2(℃)/ 61%RH
Test Item	Band Edge	Test Date	November 15, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2381.04	Average	30.37	7.73	38.10	54.00	-15.90
2385.05	Peak	41.02	7.74	48.76	74.00	-25.24
2462.00	Peak	86.37	8.16	94.53	--	--
2462.00	Average	78.32	8.16	86.48	--	--
2483.58	Peak	40.62	8.26	48.88	74.00	-25.12
2483.58	Average	31.17	8.26	39.43	54.00	-14.57

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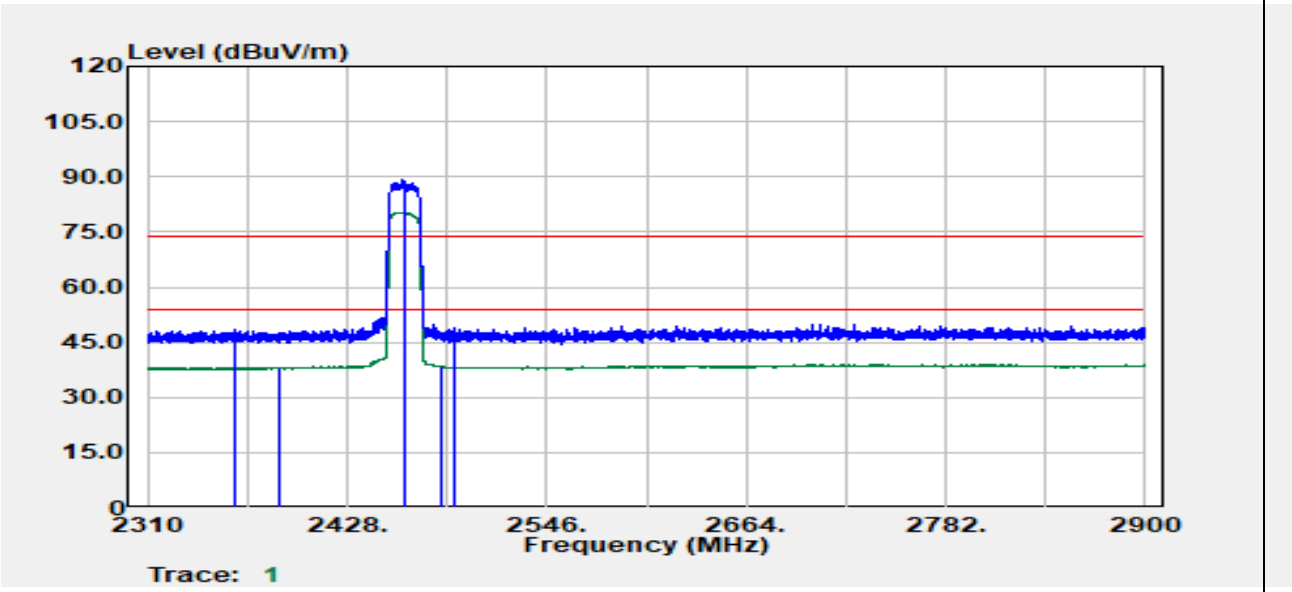
Test Mode	IEEE 802.11n HT20 High CH 2462MHz	Temp/Hum	24.2(℃)/ 61%RH
Test Item	Band Edge	Test Date	November 15, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2361.33	Peak	40.65	7.67	48.32	74.00	-25.68
2388.35	Average	30.36	7.75	38.11	54.00	-15.89
2462.00	Peak	80.93	8.16	89.09	--	--
2462.00	Average	72.16	8.16	80.32	--	--
2483.93	Average	30.16	8.26	38.42	54.00	-15.58
2492.07	Peak	40.71	8.30	49.02	74.00	-24.98

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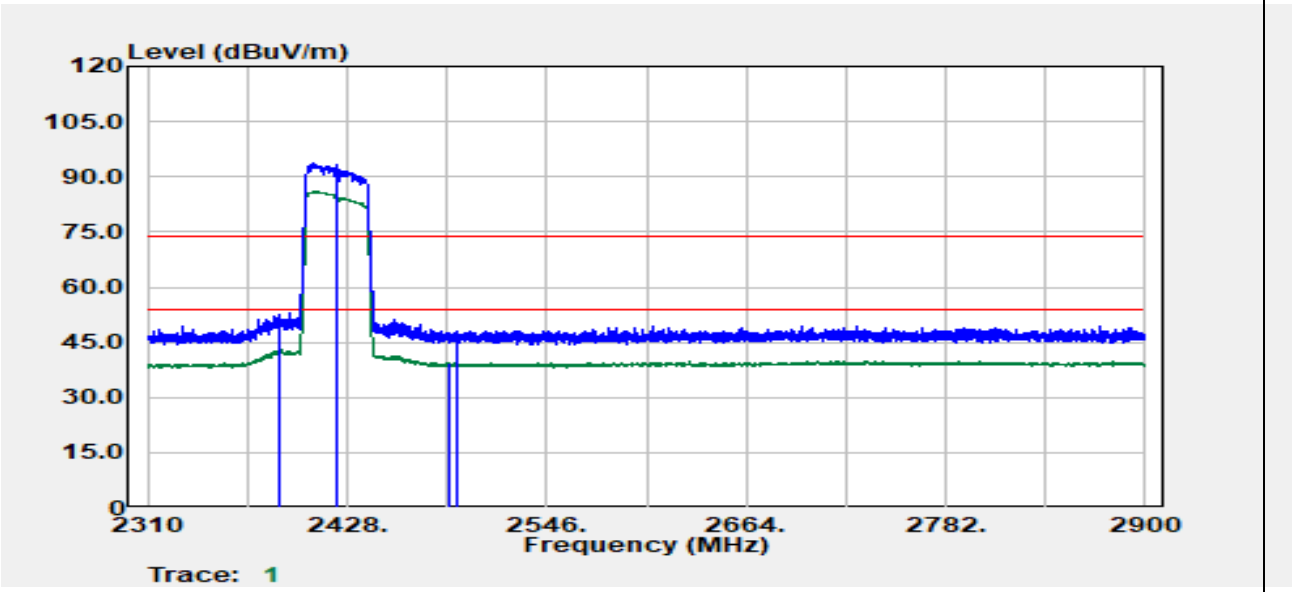
Test Mode	IEEE 802.11n HT40 Low CH 2422 MHz	Temp/Hum	24.2(℃)/ 61%RH
Test Item	Band Edge	Test Date	November 15, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2387.76	Peak	44.65	7.75	52.39	74.00	-21.61
2388.00	Average	35.33	7.75	43.08	54.00	-10.92
2422.00	Peak	85.68	7.92	93.60	--	--
2422.00	Average	78.04	7.92	85.96	--	--
2487.59	Average	31.23	8.28	39.51	54.00	-14.49
2492.31	Peak	39.68	8.30	47.98	74.00	-26.02

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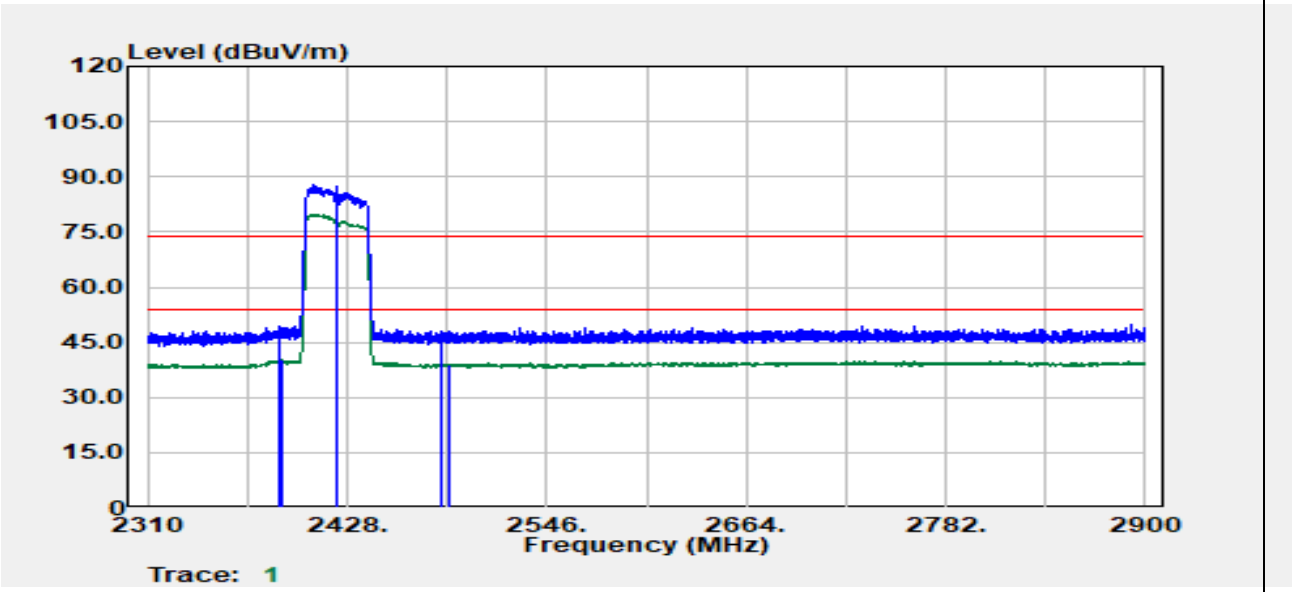
Test Mode	IEEE 802.11n HT40 Low CH 2422 MHz	Temp/Hum	24.2(℃)/ 61%RH
Test Item	Band Edge	Test Date	November 15, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2387.17	Peak	41.75	7.74	49.49	74.00	-24.51
2389.53	Average	32.34	7.75	40.09	54.00	-13.91
2422.00	Peak	79.85	7.92	87.77	--	--
2422.00	Average	71.77	7.92	79.69	--	--
2483.81	Peak	39.67	8.26	47.93	74.00	-26.07
2487.59	Average	30.82	8.28	39.10	54.00	-14.90

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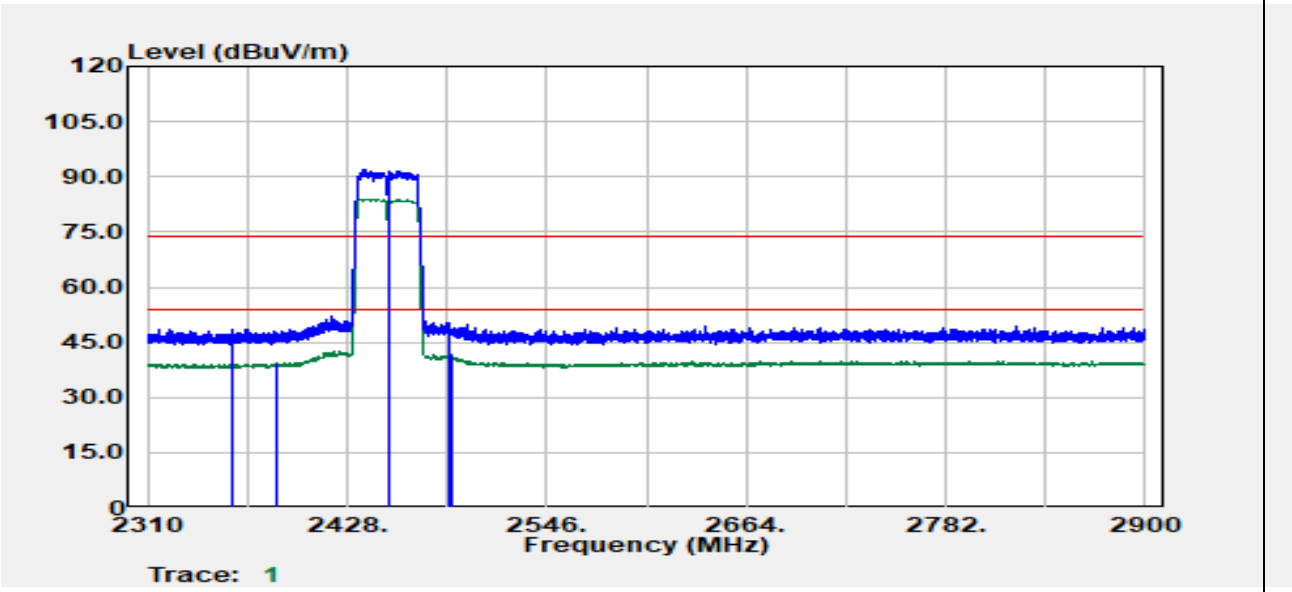
Test Mode	IEEE 802.11n HT40 High CH 2452 MHz	Temp/Hum	24.2(℃)/ 61%RH
Test Item	Band Edge	Test Date	November 15, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2360.15	Peak	40.83	7.67	48.50	74.00	-25.50
2386.46	Average	31.53	7.74	39.27	54.00	-14.73
2452.00	Peak	83.76	8.11	91.87	--	--
2452.00	Average	75.80	8.11	83.91	--	--
2488.89	Peak	42.09	8.29	50.38	74.00	-23.62
2489.60	Average	33.40	8.29	41.69	54.00	-12.31

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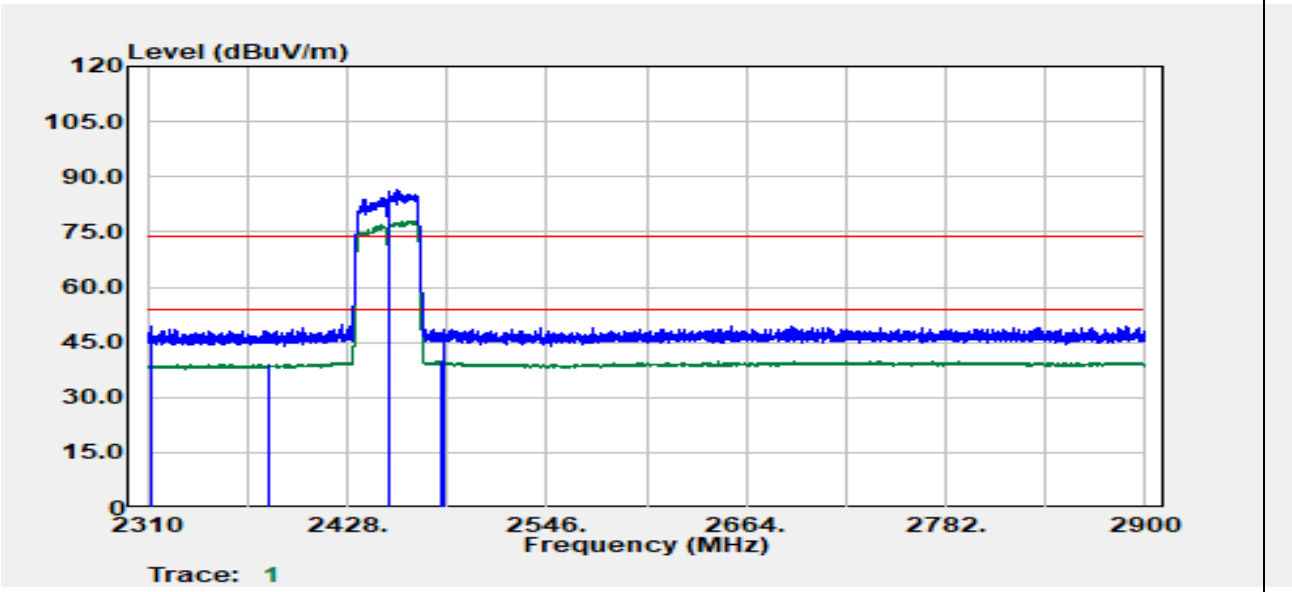
Test Mode	IEEE 802.11n HT40 High CH 2452 MHz	Temp/Hum	24.2(℃)/ 61%RH
Test Item	Band Edge	Test Date	November 15, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2311.42	Peak	41.68	7.58	49.25	74.00	-24.75
2382.10	Average	31.20	7.73	38.93	54.00	-15.07
2452.00	Peak	78.29	8.11	86.40	--	--
2452.00	Average	69.98	8.11	78.09	--	--
2483.58	Average	31.45	8.26	39.71	54.00	-14.29
2484.76	Peak	40.30	8.27	48.56	74.00	-25.44

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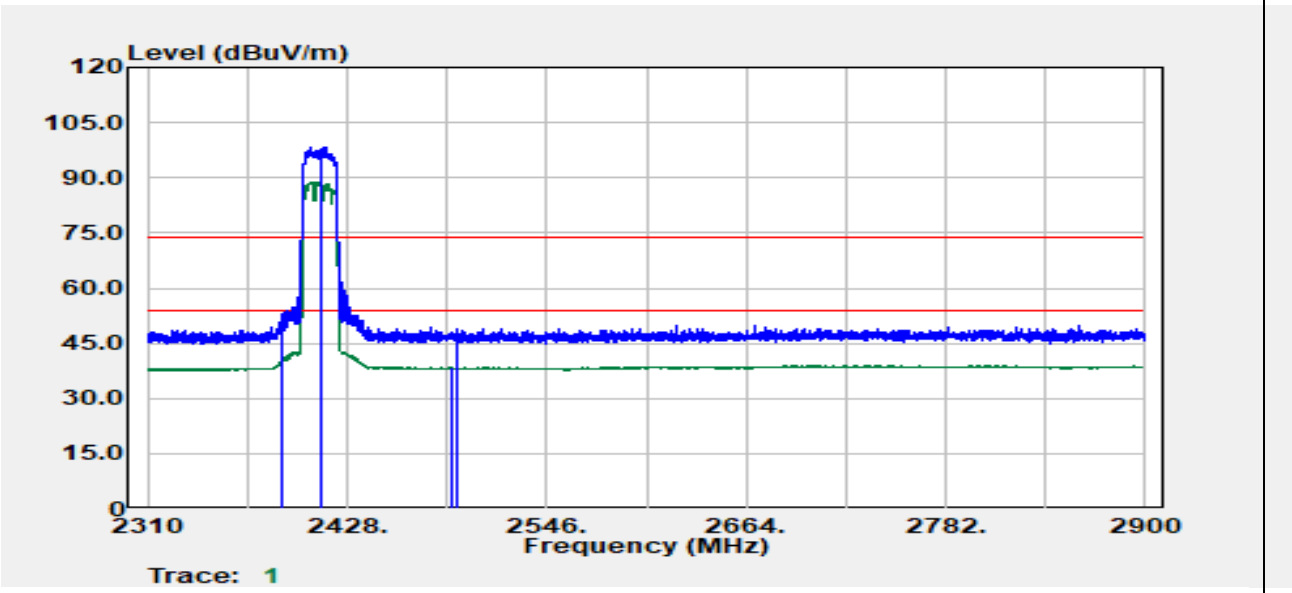
Test Mode	IEEE 802.11ax HE20 Low CH 2412MHz	Temp/Hum	24.2(℃)/ 61%RH
Test Item	Band Edge	Test Date	November 15, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2389.65	Peak	45.12	7.75	52.88	74.00	-21.12
2389.89	Average	32.50	7.75	40.26	54.00	-13.74
2412.00	Peak	90.58	7.86	98.44	--	--
2412.00	Average	81.02	7.86	88.88	--	--
2489.60	Average	30.06	8.29	38.35	54.00	-15.65
2492.31	Peak	40.57	8.30	48.87	74.00	-25.13

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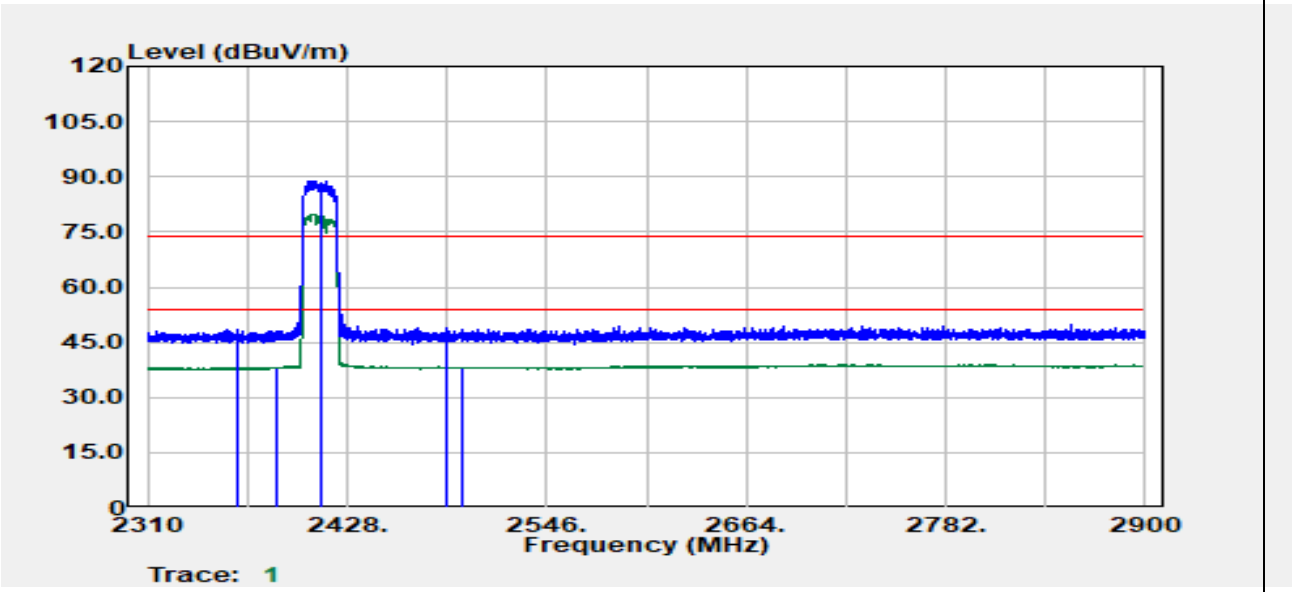
Test Mode	IEEE 802.11ax HE20 Low CH 2412MHz	Temp/Hum	24.2(℃)/ 61%RH
Test Item	Band Edge	Test Date	November 15, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2362.98	Peak	41.00	7.68	48.68	74.00	-25.32
2385.87	Average	30.47	7.74	38.21	54.00	-15.79
2412.00	Peak	80.92	7.86	88.78	--	--
2412.00	Average	71.91	7.86	79.77	--	--
2486.53	Peak	40.74	8.28	49.02	74.00	-24.98
2496.44	Average	29.87	8.32	38.19	54.00	-15.81

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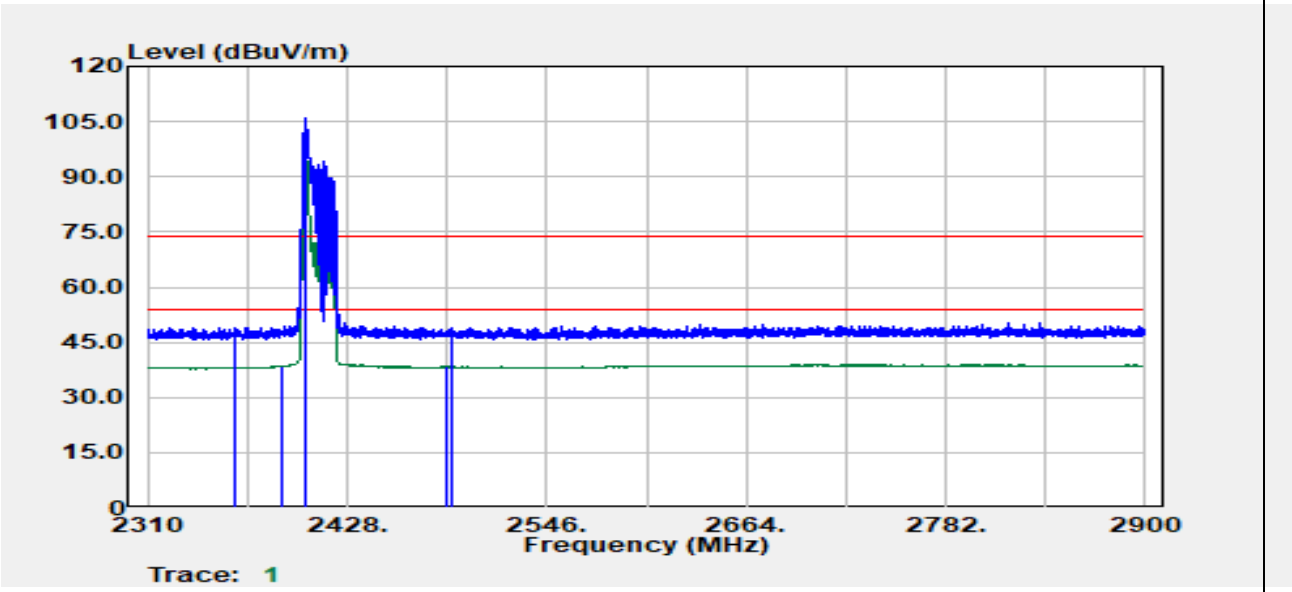
Test Mode	IEEE 802.11ax HE20 26/0 Low CH 2412MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2361.33	Peak	41.42	7.67	49.09	74.00	-24.91
2389.89	Average	30.84	7.75	38.59	54.00	-15.41
2403.57	Average	87.68	7.80	95.48	--	--
2403.93	Peak	98.10	7.81	105.91	--	--
2486.17	Average	30.07	8.27	38.34	54.00	-15.66
2489.83	Peak	40.47	8.29	48.76	74.00	-25.24

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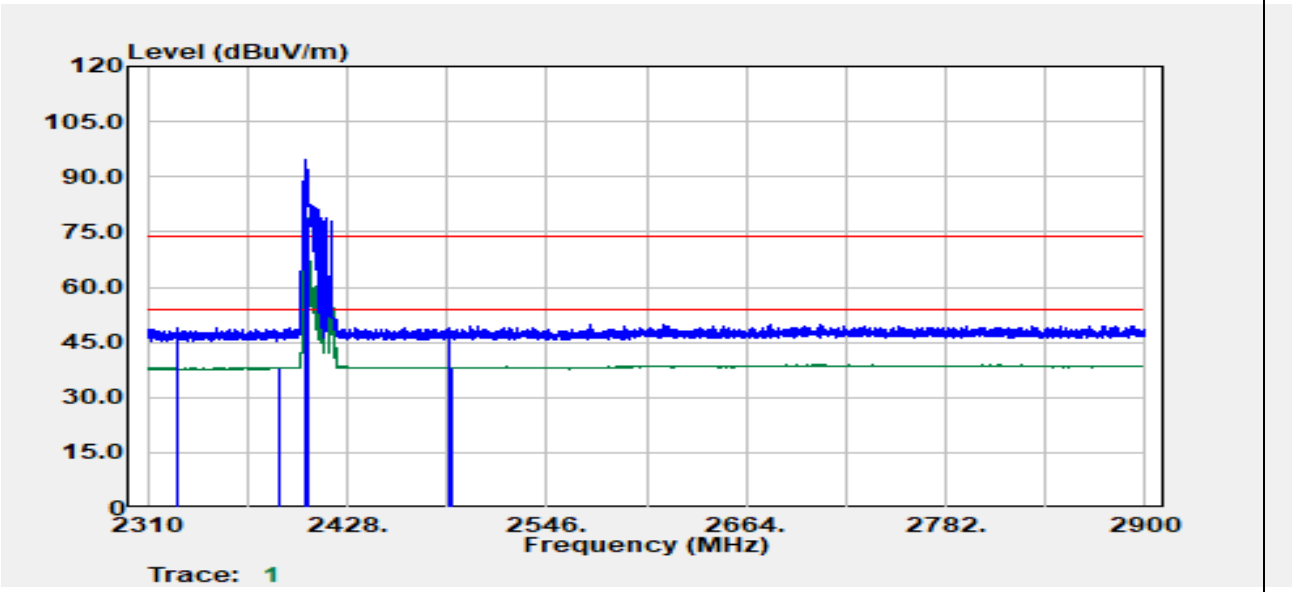
Test Mode	IEEE 802.11ax HE20 26/0 Low CH 2412MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2328.29	Peak	41.12	7.61	48.73	74.00	-25.27
2388.47	Average	30.30	7.75	38.05	54.00	-15.95
2404.05	Peak	86.71	7.81	94.51	--	--
2404.64	Average	71.03	7.81	78.84	--	--
2487.94	Peak	40.42	8.28	48.70	74.00	-25.30
2489.60	Average	29.91	8.29	38.20	54.00	-15.80

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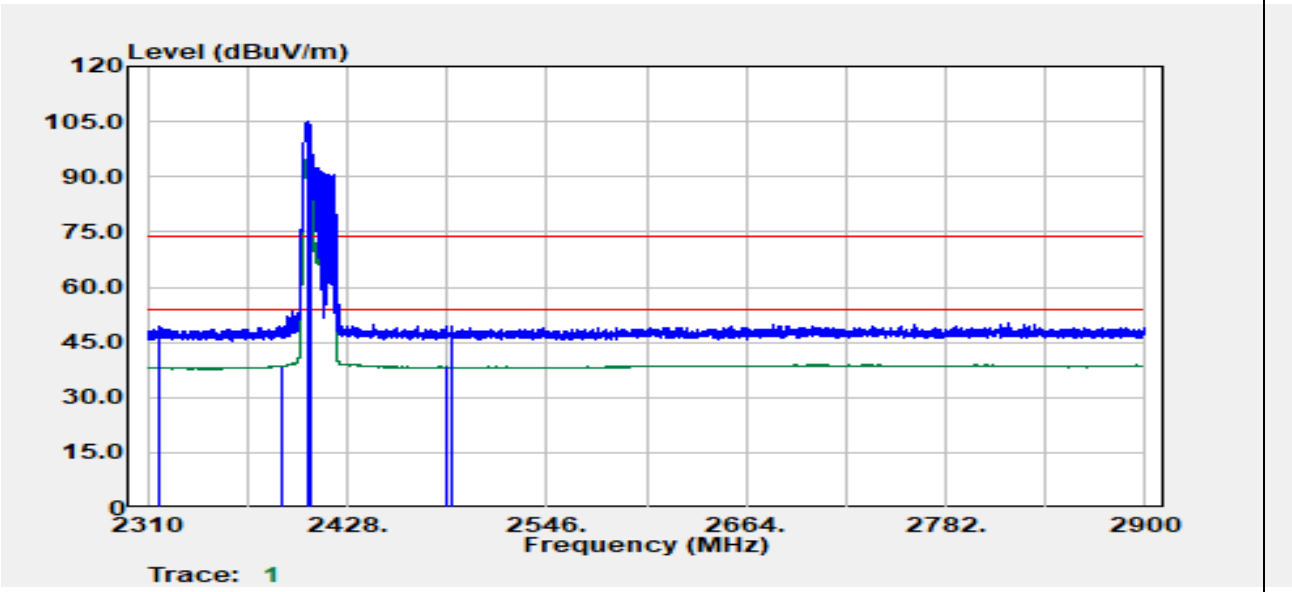
Test Mode	IEEE 802.11ax HE20 52/37 Low CH 2412MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2317.08	Peak	41.95	7.59	49.54	74.00	-24.46
2389.30	Average	30.82	7.75	38.57	54.00	-15.43
2405.46	Peak	97.44	7.81	105.25	--	--
2405.70	Average	86.86	7.82	94.68	--	--
2487.47	Average	30.05	8.28	38.33	54.00	-15.67
2490.07	Peak	41.02	8.29	49.31	74.00	-24.69

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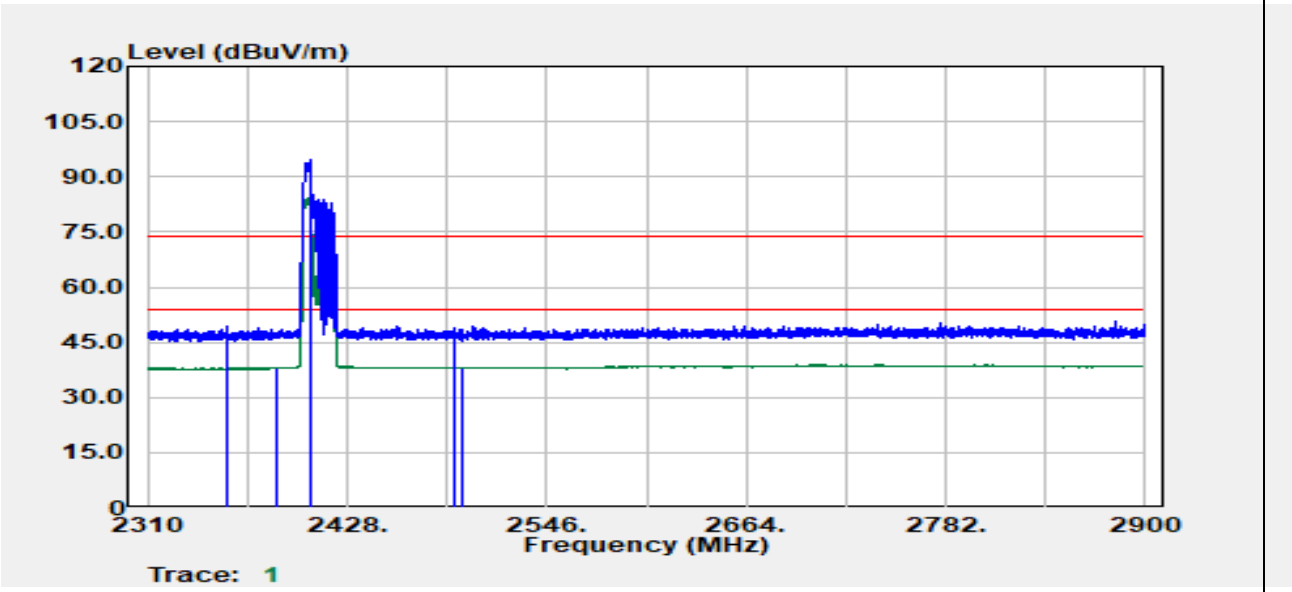
Test Mode	IEEE 802.11ax HE20 52/37 Low CH 2412MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2356.96	Peak	41.71	7.66	49.37	74.00	-24.63
2386.94	Average	30.38	7.74	38.12	54.00	-15.88
2405.82	Peak	86.77	7.82	94.59	--	--
2405.82	Average	76.49	7.82	84.31	--	--
2491.72	Peak	40.67	8.30	48.97	74.00	-25.03
2496.09	Average	29.86	8.32	38.18	54.00	-15.82

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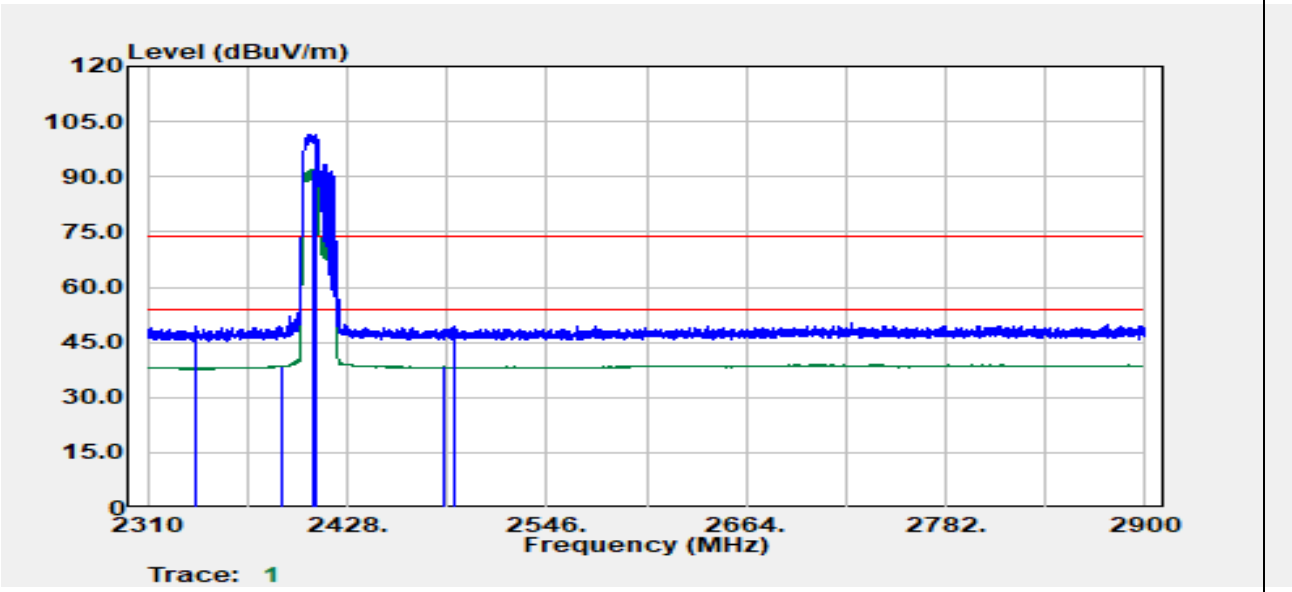
Test Mode	IEEE 802.11ax HE20 106/53 Low CH 2412MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2338.91	Peak	41.78	7.62	49.40	74.00	-24.60
2389.77	Average	30.78	7.75	38.53	54.00	-15.47
2407.94	Average	83.93	7.83	91.76	--	--
2408.77	Peak	93.77	7.84	101.60	--	--
2485.47	Average	30.04	8.27	38.31	54.00	-15.69
2490.66	Peak	41.24	8.30	49.54	74.00	-24.46

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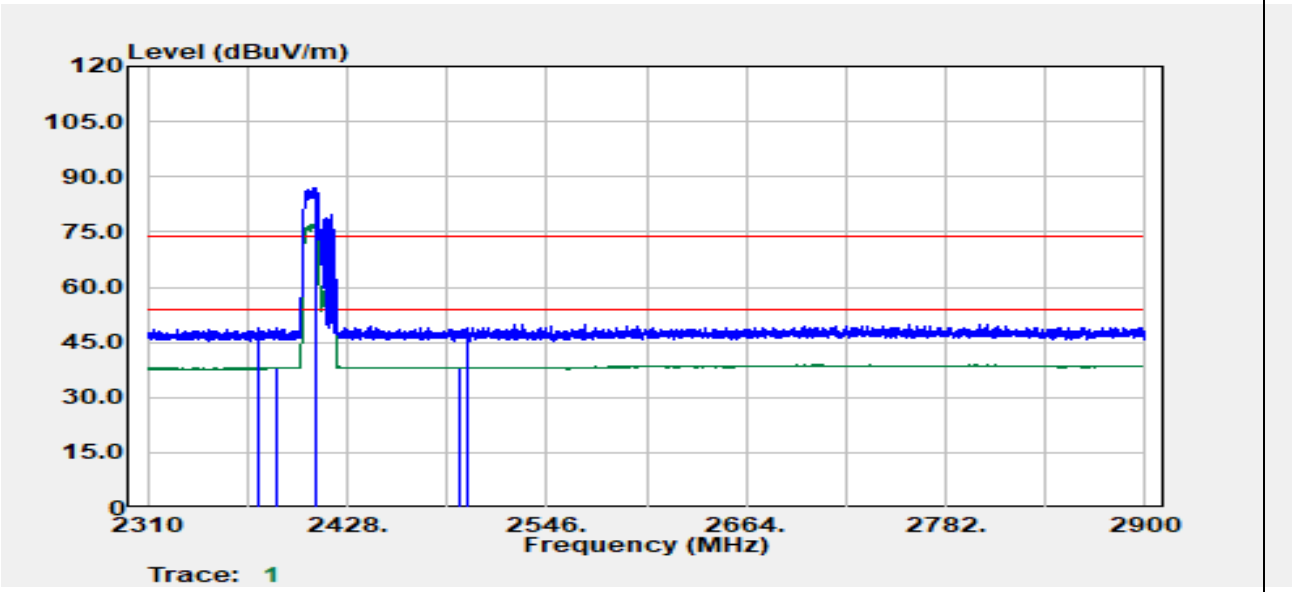
Test Mode	IEEE 802.11ax HE20 106/53 Low CH 2412MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2374.90	Peak	41.11	7.71	48.82	74.00	-25.18
2386.58	Average	30.32	7.74	38.07	54.00	-15.93
2409.00	Peak	79.08	7.84	86.91	--	--
2409.00	Average	69.14	7.84	76.98	--	--
2495.14	Average	29.84	8.32	38.16	54.00	-15.84
2499.86	Peak	40.37	8.34	48.71	74.00	-25.29

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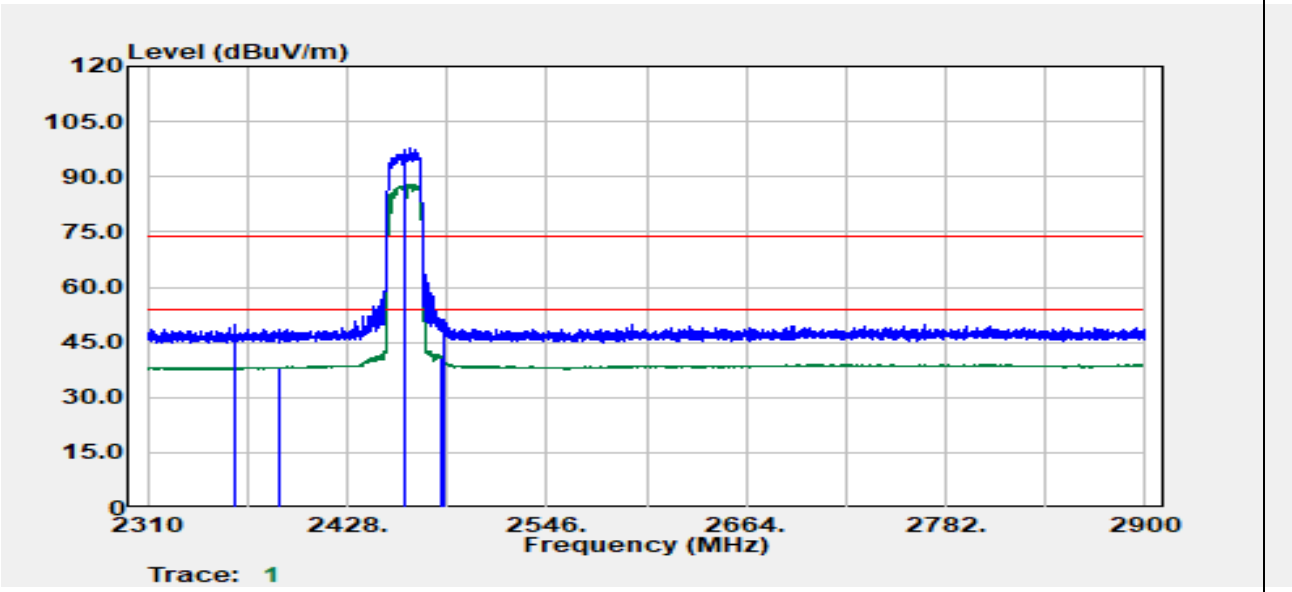
Test Mode	IEEE 802.11ax HE20 High CH 2462MHz	Temp/Hum	24.2(℃)/ 61%RH
Test Item	Band Edge	Test Date	November 15, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2361.33	Peak	42.34	7.67	50.01	74.00	-23.99
2388.35	Average	30.51	7.75	38.26	54.00	-15.74
2462.00	Peak	89.82	8.16	97.98	--	--
2462.00	Average	79.86	8.16	88.01	--	--
2483.50	Average	32.60	8.26	40.86	54.00	-13.14
2485.47	Peak	43.12	8.27	51.39	74.00	-22.61

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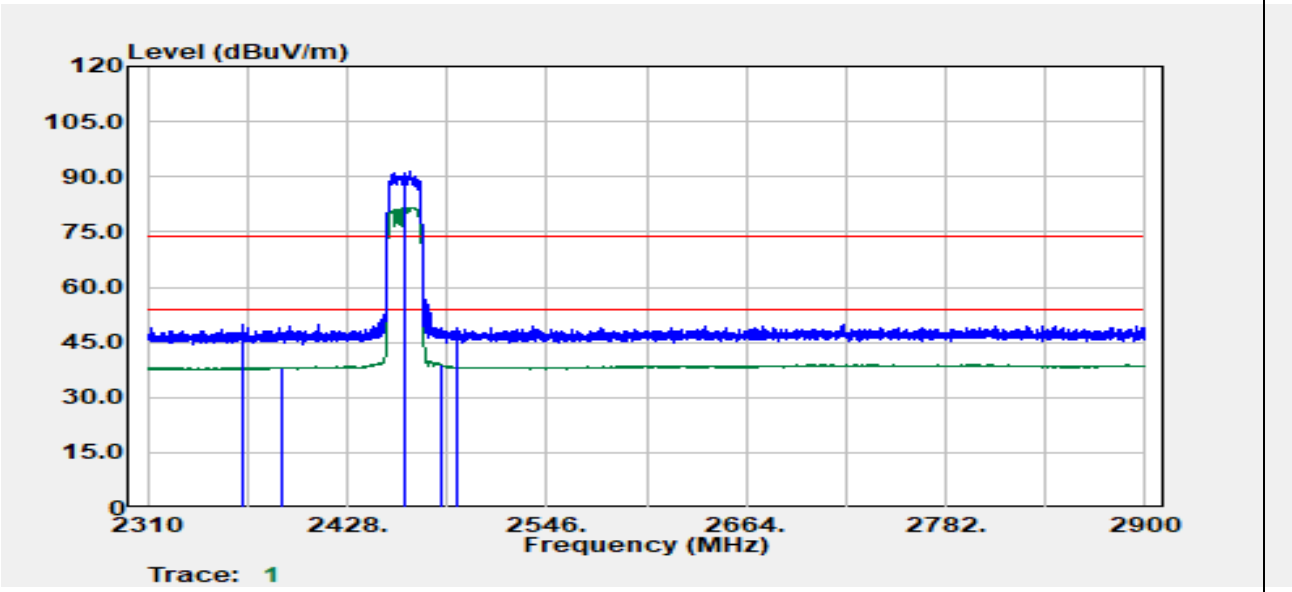
Test Mode	IEEE 802.11ax HE20 High CH 2462MHz	Temp/Hum	24.2(℃)/ 61%RH
Test Item	Band Edge	Test Date	November 15, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2366.05	Peak	41.95	7.68	49.63	74.00	-24.37
2389.06	Average	30.40	7.75	38.15	54.00	-15.85
2462.00	Peak	83.34	8.16	91.49	--	--
2462.00	Average	73.47	8.16	81.62	--	--
2483.81	Average	30.49	8.26	38.75	54.00	-15.25
2492.66	Peak	40.46	8.30	48.77	74.00	-25.23

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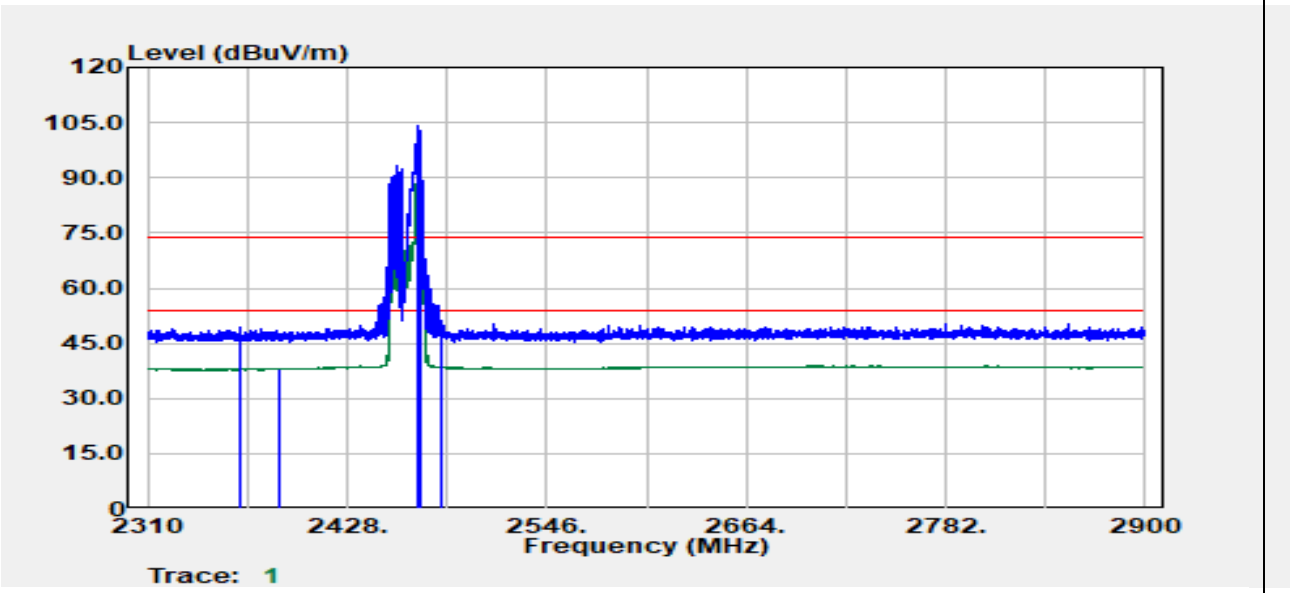
Test Mode	IEEE 802.11ax HE20 26/8 High CH 2462MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2364.75	Peak	41.73	7.68	49.41	74.00	-24.59
2387.53	Average	30.41	7.75	38.16	54.00	-15.84
2470.01	Peak	95.89	8.20	104.08	--	--
2470.83	Average	86.19	8.20	94.39	--	--
2483.50	Peak	43.06	8.26	51.33	74.00	-22.67
2483.93	Average	30.30	8.26	38.56	54.00	-15.44

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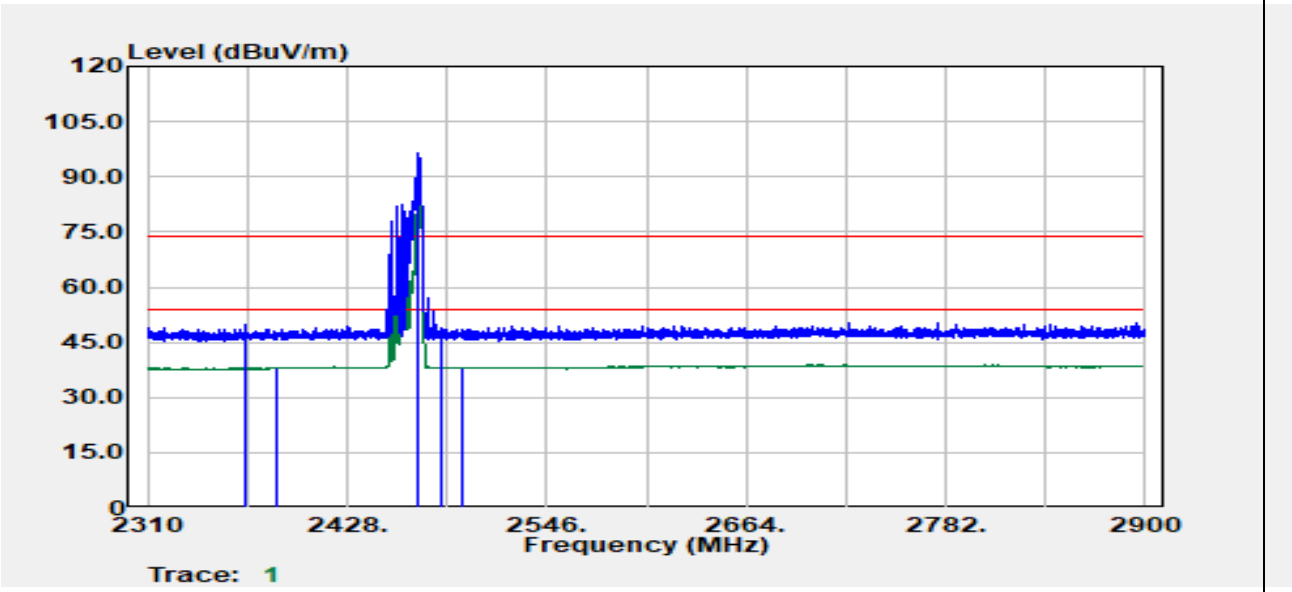
Test Mode	IEEE 802.11ax HE20 26/8 High CH 2462MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2367.47	Peak	41.95	7.69	49.64	74.00	-24.36
2386.11	Average	30.26	7.74	38.00	54.00	-16.00
2470.13	Peak	88.48	8.20	96.67	--	--
2470.24	Average	78.41	8.20	86.61	--	--
2484.40	Peak	40.53	8.27	48.80	74.00	-25.20
2495.97	Average	29.86	8.32	38.18	54.00	-15.82

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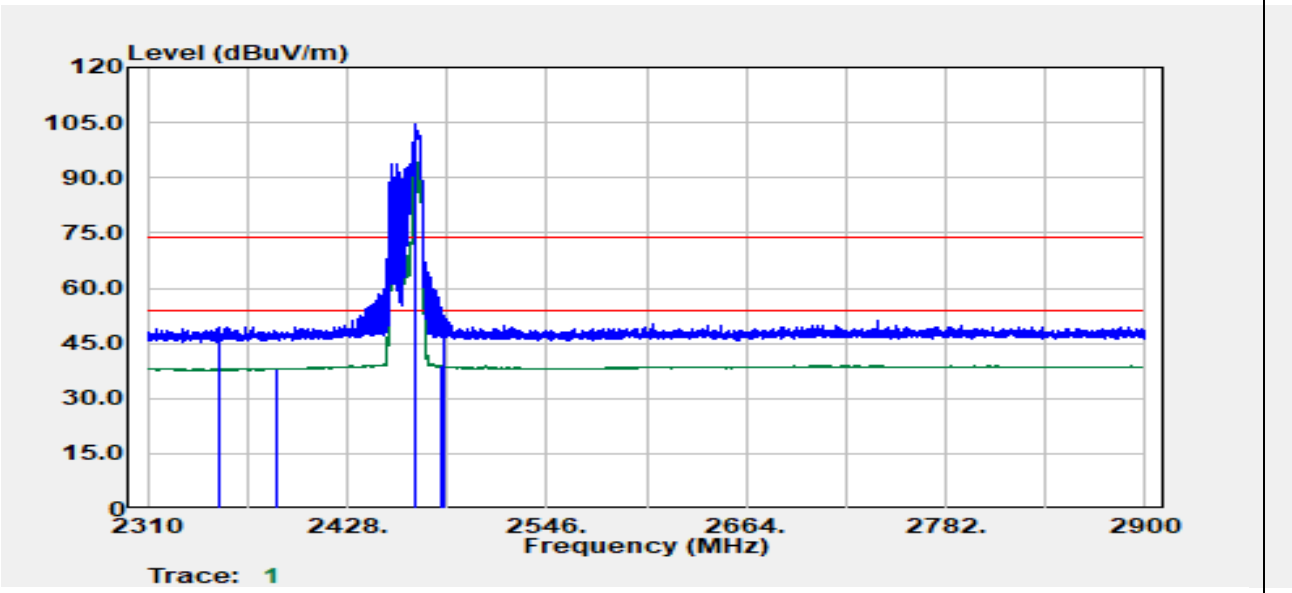
Test Mode	IEEE 802.11ax HE20 52/40 High CH 2462MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2351.77	Peak	41.87	7.64	49.51	74.00	-24.49
2385.99	Average	30.49	7.74	38.23	54.00	-15.77
2468.12	Peak	96.61	8.19	104.80	--	--
2468.95	Average	86.07	8.19	94.26	--	--
2484.29	Average	30.48	8.26	38.75	54.00	-15.25
2484.64	Peak	44.19	8.27	52.46	74.00	-21.54

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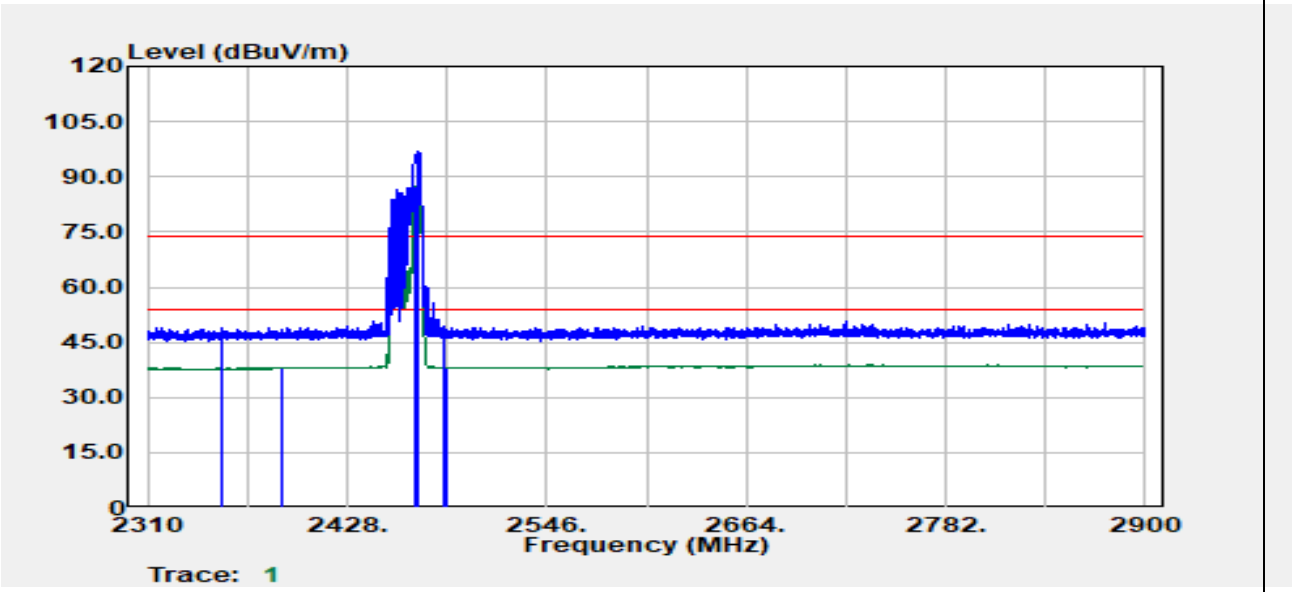
Test Mode	IEEE 802.11ax HE20 52/40 High CH 2462MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2353.90	Peak	41.25	7.65	48.90	74.00	-25.10
2388.71	Average	30.27	7.75	38.02	54.00	-15.98
2468.95	Average	79.27	8.19	87.46	--	--
2469.30	Peak	88.66	8.19	96.85	--	--
2484.64	Peak	40.87	8.27	49.14	74.00	-24.86
2486.29	Average	29.96	8.27	38.24	54.00	-15.76

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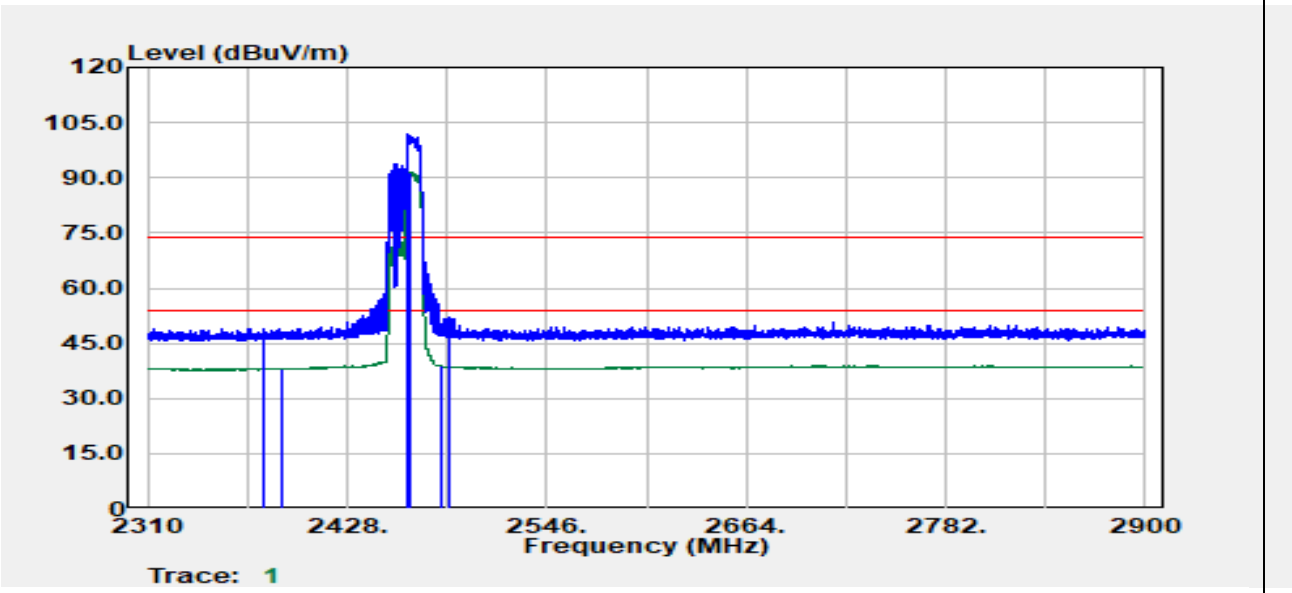
Test Mode	IEEE 802.11ax HE20 106/54 High CH 2462MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2378.79	Peak	41.28	7.72	49.01	74.00	-24.99
2388.94	Average	30.43	7.75	38.18	54.00	-15.82
2464.23	Peak	93.71	8.17	101.87	--	--
2465.64	Average	83.29	8.18	91.46	--	--
2483.70	Average	30.53	8.26	38.79	54.00	-15.21
2487.94	Peak	43.66	8.28	51.94	74.00	-22.06

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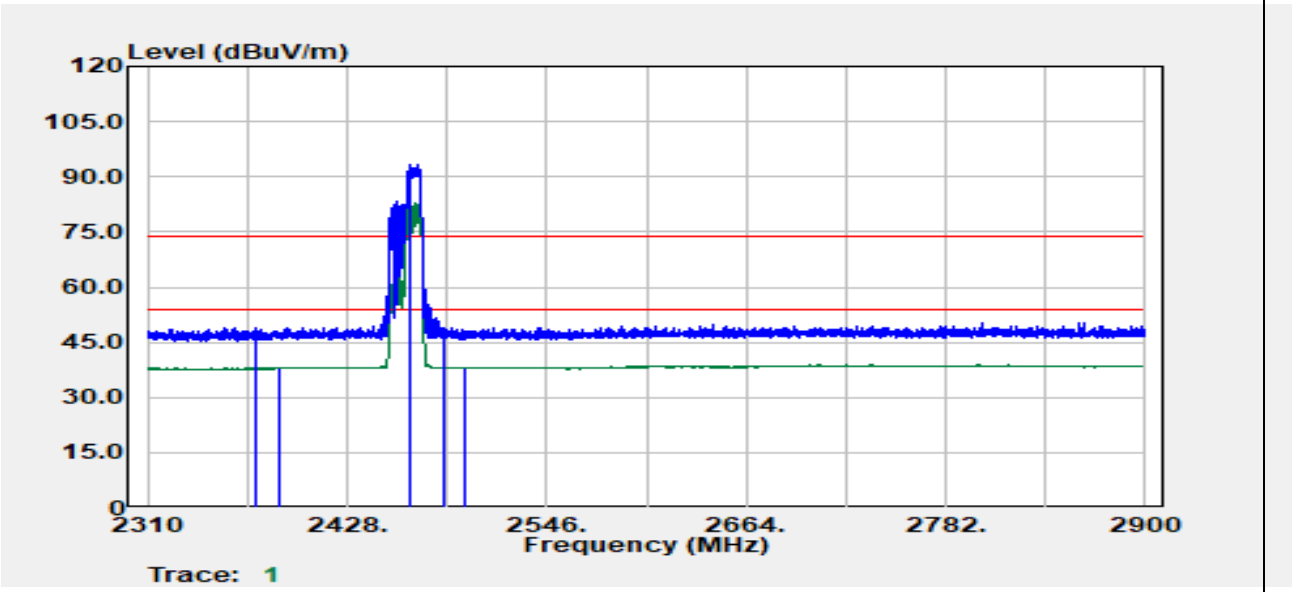
Test Mode	IEEE 802.11ax HE20 106/54 High CH 2462MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2373.60	Peak	41.26	7.71	48.96	74.00	-25.04
2388.35	Average	30.25	7.75	38.00	54.00	-16.00
2464.58	Peak	85.24	8.17	93.41	--	--
2465.17	Average	74.56	8.17	82.74	--	--
2485.23	Peak	40.68	8.27	48.95	74.00	-25.05
2497.62	Average	29.85	8.33	38.18	54.00	-15.82

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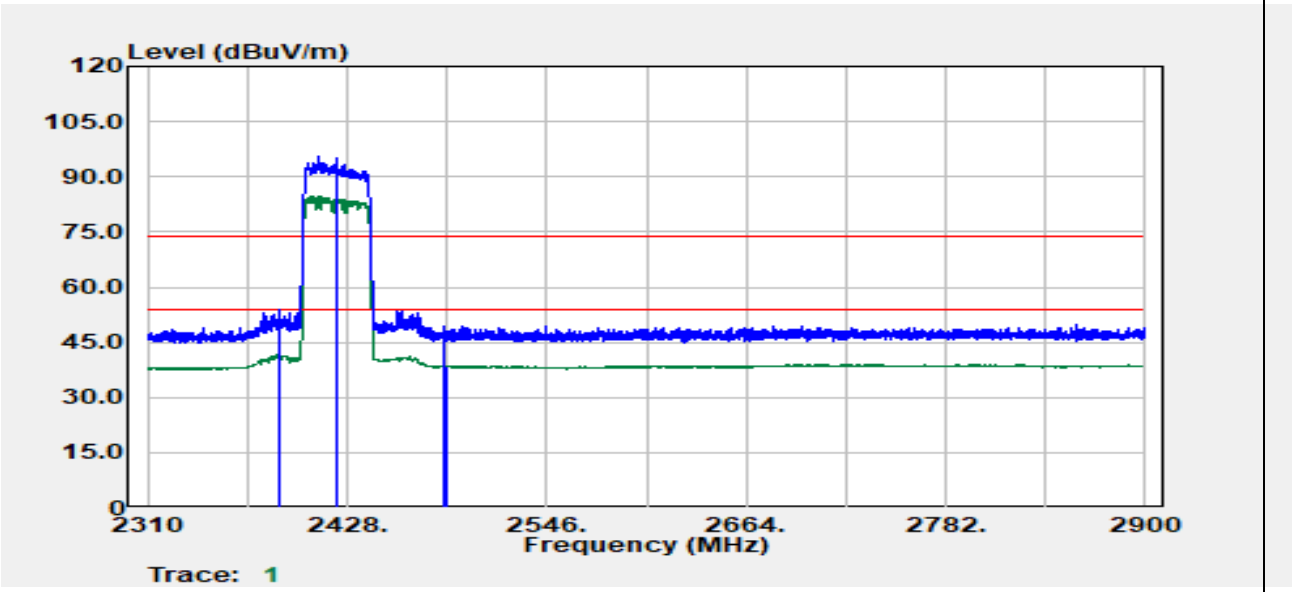
Test Mode	IEEE 802.11ax HE40 Low CH 2422 MHz	Temp/Hum	24.2(℃)/ 61%RH
Test Item	Band Edge	Test Date	November 15, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2387.76	Peak	45.93	7.75	53.67	74.00	-20.33
2387.76	Average	33.95	7.75	41.70	54.00	-12.30
2422.00	Peak	87.48	7.92	95.40	--	--
2422.00	Average	76.73	7.92	84.65	--	--
2484.99	Peak	41.31	8.27	49.58	74.00	-24.42
2486.76	Average	30.28	8.28	38.56	54.00	-15.44

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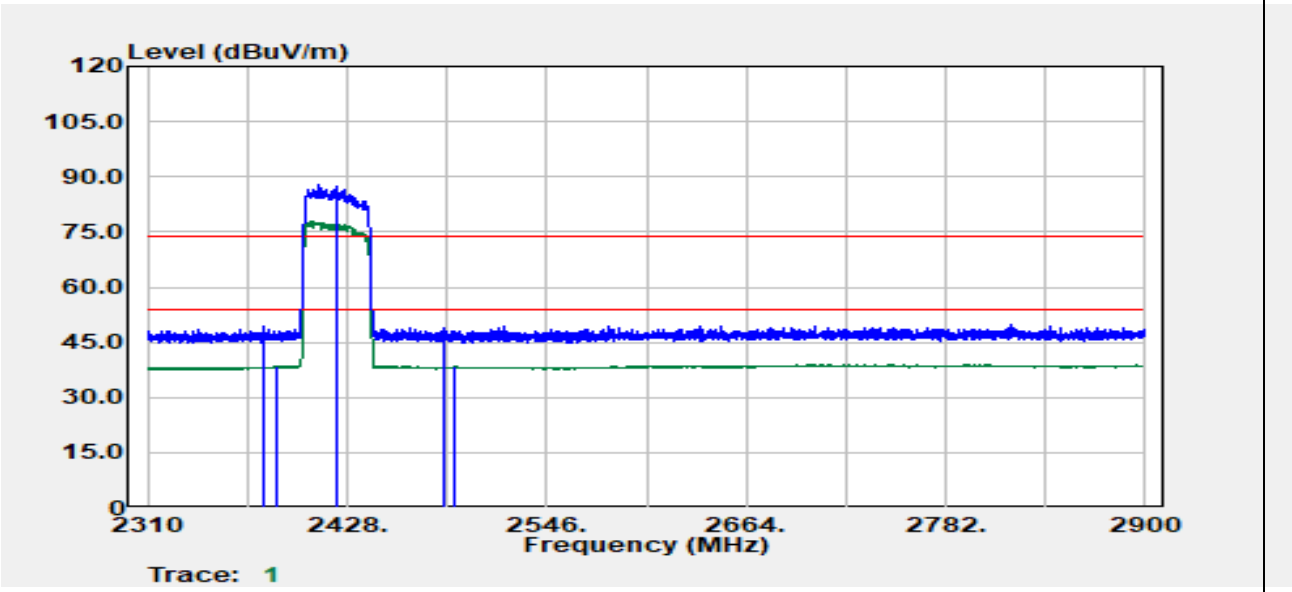
Test Mode	IEEE 802.11ax HE40 Low CH 2422 MHz	Temp/Hum	24.2(℃)/ 61%RH
Test Item	Band Edge	Test Date	November 15, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2377.85	Peak	41.49	7.72	49.21	74.00	-24.79
2386.46	Average	30.64	7.74	38.38	54.00	-15.62
2422.00	Peak	80.15	7.92	88.07	--	--
2422.00	Average	69.75	7.92	77.67	--	--
2485.23	Peak	40.53	8.27	48.80	74.00	-25.20
2490.89	Average	30.00	8.30	38.29	54.00	-15.71

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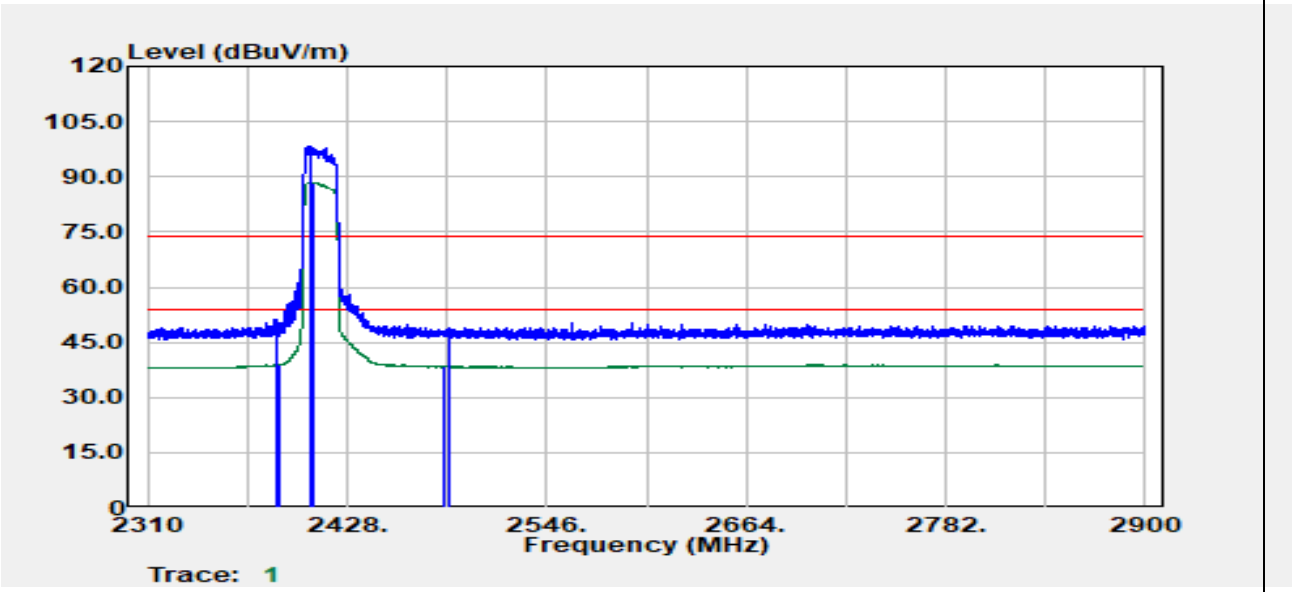
Test Mode	IEEE 802.11ax HE40 242/61 Low CH 2422 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2386.82	Peak	43.39	7.74	51.13	74.00	-22.87
2388.35	Average	31.28	7.75	39.03	54.00	-14.97
2407.00	Peak	90.45	7.82	98.27	--	--
2408.65	Average	80.55	7.84	88.39	--	--
2484.76	Average	30.21	8.27	38.47	54.00	-15.53
2489.01	Peak	40.81	8.29	49.10	74.00	-24.90

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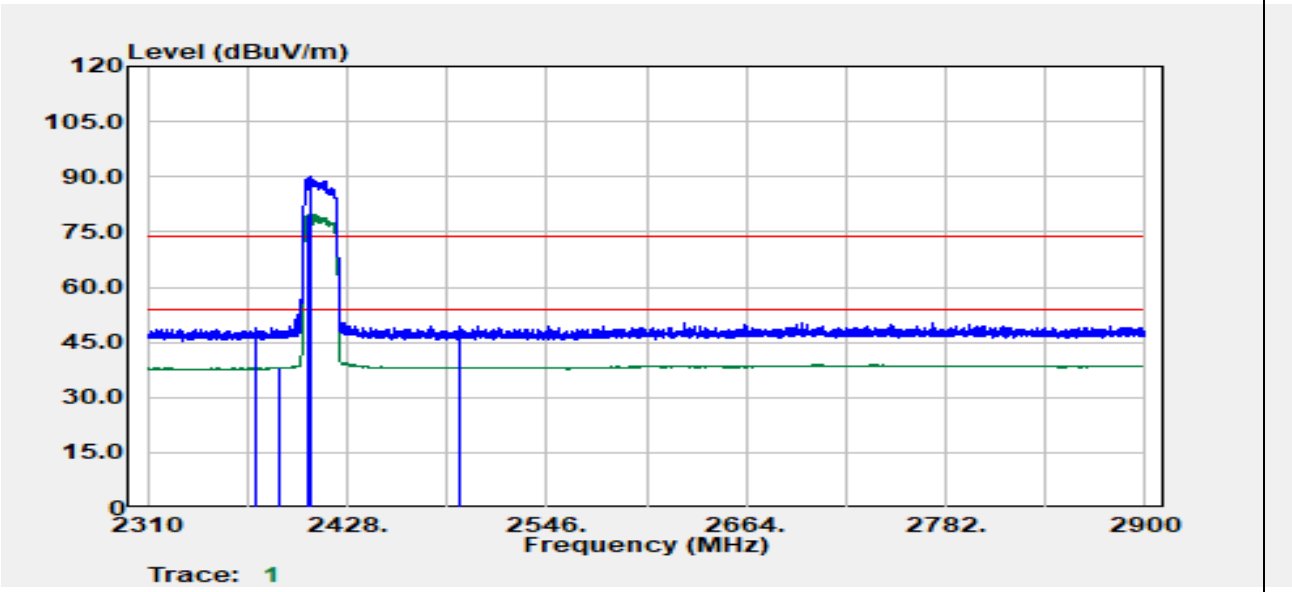
Test Mode	IEEE 802.11ax HE40 242/61 Low CH 2422 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2374.43	Peak	41.39	7.71	49.10	74.00	-24.90
2388.12	Average	30.43	7.75	38.18	54.00	-15.82
2405.34	Average	72.09	7.81	79.90	--	--
2407.11	Peak	82.07	7.83	89.90	--	--
2495.02	Average	29.85	8.32	38.16	54.00	-15.84
2495.14	Peak	40.86	8.32	49.18	74.00	-24.82

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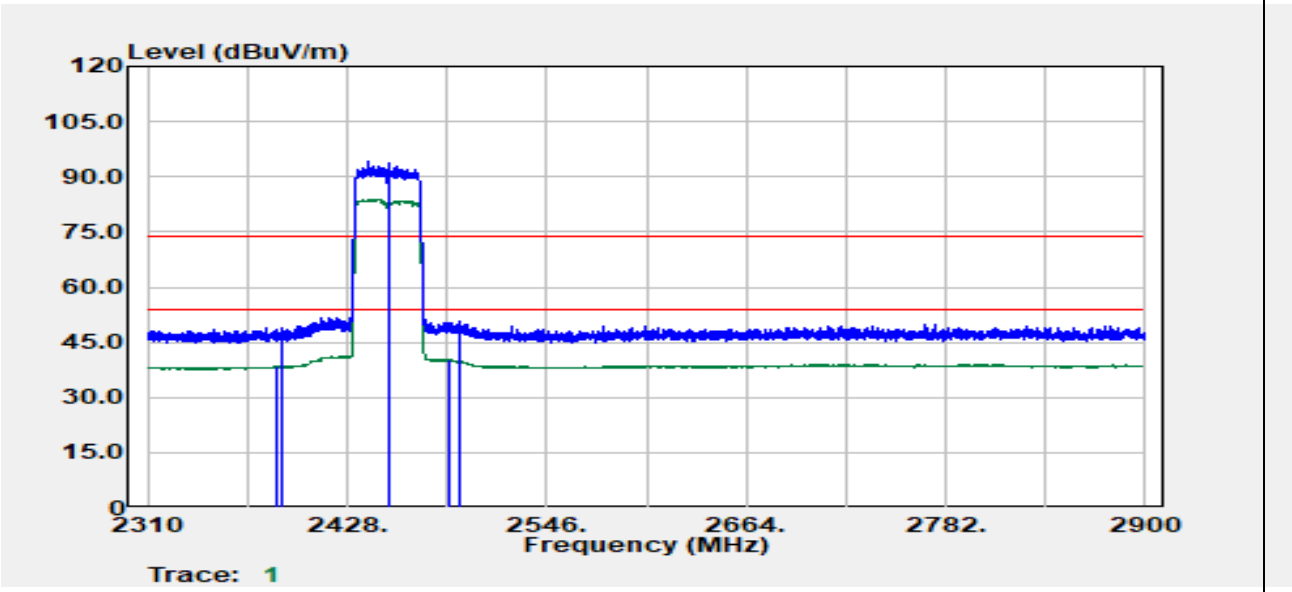
Test Mode	IEEE 802.11ax HE40 High CH 2452 MHz	Temp/Hum	24.2(℃)/ 61%RH
Test Item	Band Edge	Test Date	November 15, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2386.82	Average	30.78	7.74	38.52	54.00	-15.48
2389.53	Peak	41.09	7.75	48.84	74.00	-25.16
2452.00	Peak	86.28	8.11	94.39	--	--
2452.00	Average	75.55	8.11	83.66	--	--
2488.65	Average	32.13	8.29	40.42	54.00	-13.58
2493.73	Peak	42.29	8.31	50.60	74.00	-23.40

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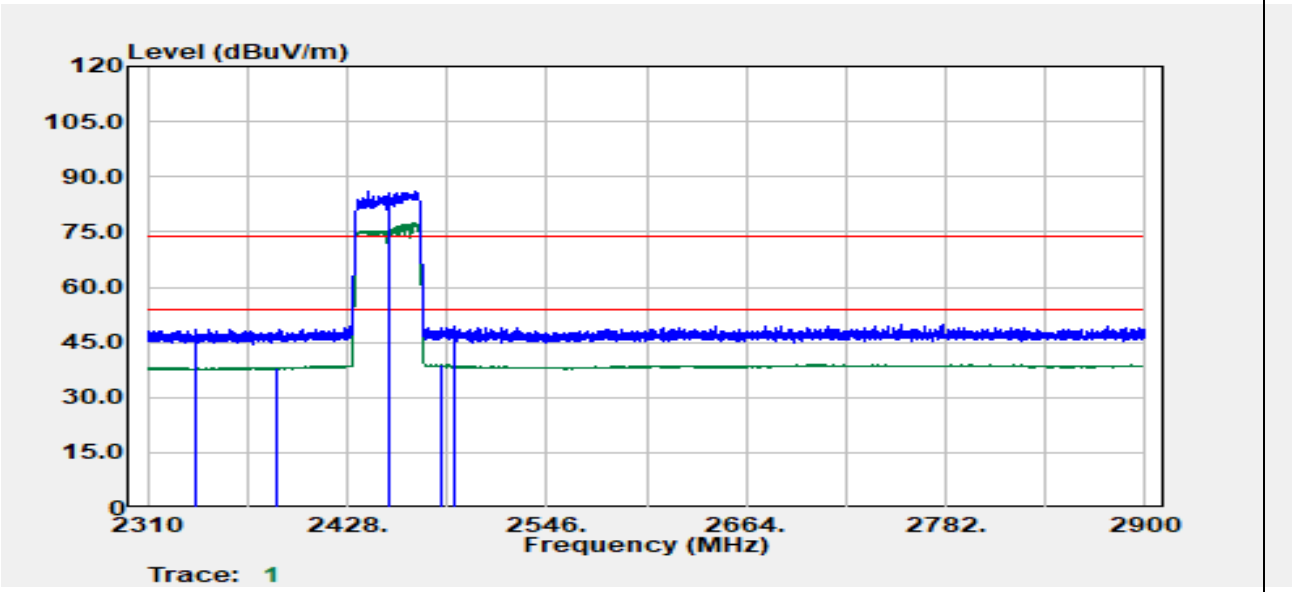
Test Mode	IEEE 802.11ax HE40 High CH 2452 MHz	Temp/Hum	24.2(℃)/ 61%RH
Test Item	Band Edge	Test Date	November 15, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2338.91	Peak	40.90	7.62	48.52	74.00	-25.48
2386.23	Average	30.30	7.74	38.05	54.00	-15.95
2452.00	Peak	78.05	8.11	86.16	--	--
2452.00	Average	69.18	8.11	77.29	--	--
2483.70	Average	30.63	8.26	38.89	54.00	-15.11
2490.66	Peak	41.11	8.30	49.41	74.00	-24.59

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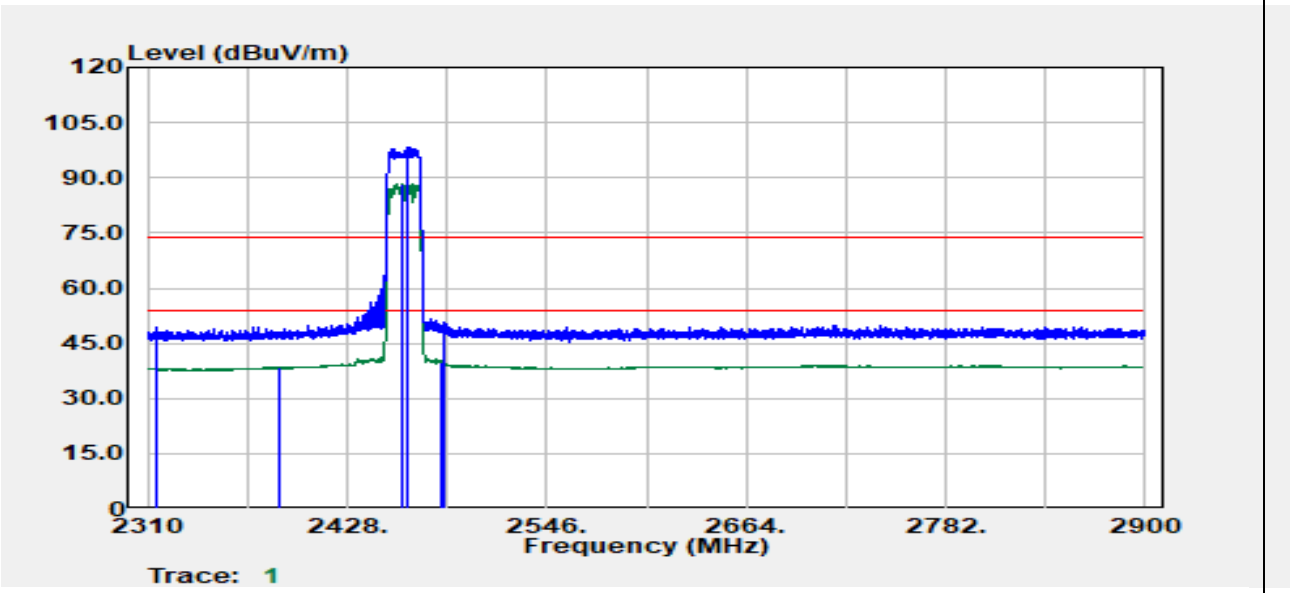
Test Mode	IEEE 802.11ax HE40 242/62 High CH 2452 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2314.96	Peak	41.96	7.58	49.54	74.00	-24.46
2387.76	Average	30.61	7.75	38.35	54.00	-15.65
2460.80	Average	80.14	8.15	88.30	--	--
2464.34	Peak	90.30	8.17	98.47	--	--
2483.58	Average	31.63	8.26	39.89	54.00	-14.11
2484.76	Peak	42.25	8.27	50.51	74.00	-23.49

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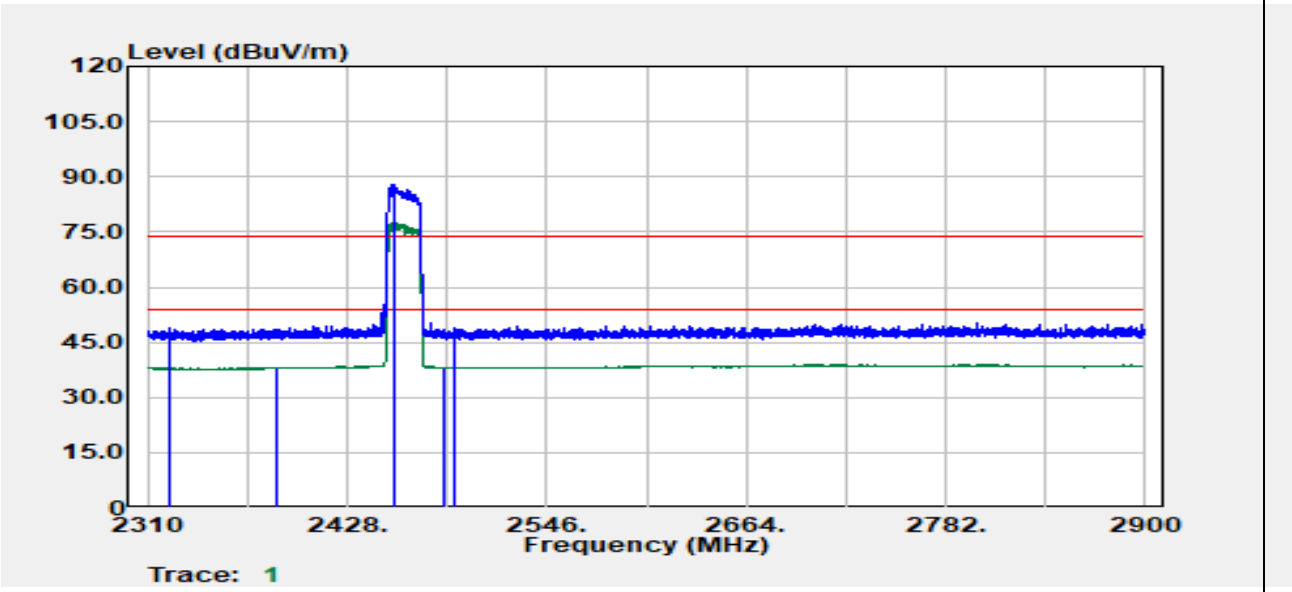
Test Mode	IEEE 802.11ax HE40 242/62 High CH 2452 MHz	Temp/Hum	24.3(℃)/ 62%RH
Test Item	Band Edge	Test Date	November 16, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2322.63	Peak	41.40	7.60	49.00	74.00	-25.00
2385.99	Average	30.35	7.74	38.09	54.00	-15.91
2455.97	Average	69.47	8.13	77.60	--	--
2456.32	Peak	79.62	8.13	87.75	--	--
2484.76	Average	29.95	8.27	38.21	54.00	-15.79
2490.89	Peak	40.51	8.30	48.80	74.00	-25.20

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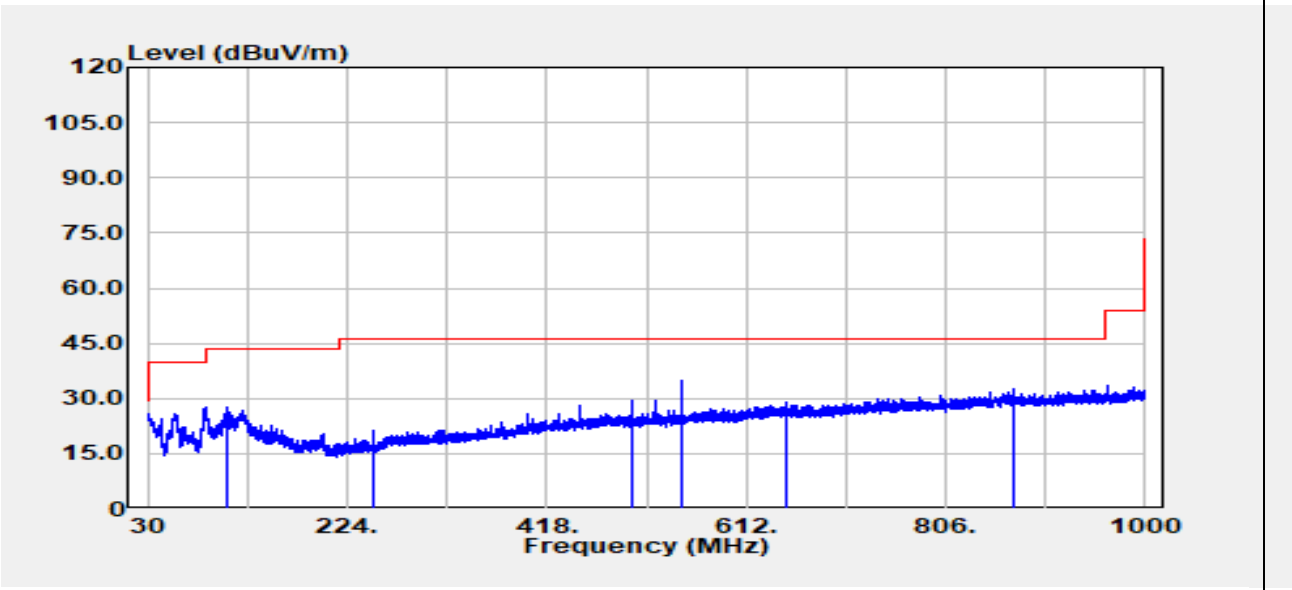
Below 1G Test Data

Test Mode	IEEE 802.11n HT40 Low CH	Temp/Hum	24.3(℃)/ 62%RH
Test Item	30MHz-1GHz	Test Date	November 18, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
106.75	Peak	38.73	-11.18	27.55	43.50	-15.95
249.95	Peak	32.29	-11.00	21.29	46.00	-24.71
499.97	Peak	33.43	-3.85	29.58	46.00	-16.42
550.04	Peak	38.05	-3.02	35.03	46.00	-10.97
651.29	Peak	29.87	-0.92	28.94	46.00	-17.06
872.20	Peak	30.49	2.14	32.63	46.00	-13.37

Note: No emission found between lowest internal used/generated frequency to 30MHz(9KHz~30MHz)

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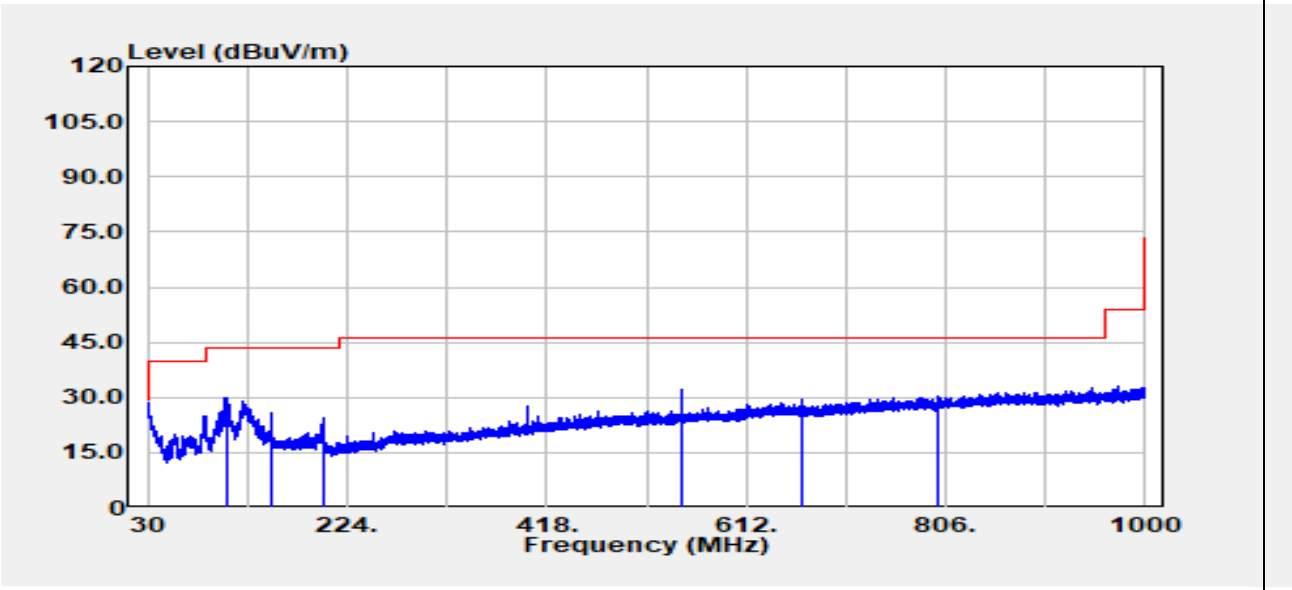
Test Mode	IEEE 802.11n HT40 Low CH	Temp/Hum	24.3(℃)/ 62%RH
Test Item	30MHz-1GHz	Test Date	November 18, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
106.63	Peak	41.07	-11.23	29.85	43.50	-13.65
150.04	Peak	36.10	-10.49	25.61	43.50	-17.89
199.99	Peak	34.56	-9.90	24.66	43.50	-18.84
550.04	Peak	35.01	-3.02	31.99	46.00	-14.01
665.47	Peak	30.19	-0.92	29.26	46.00	-16.74
798.12	Peak	29.12	1.05	30.18	46.00	-15.82

Note: No emission found between lowest internal used/generated frequency to 30MHz(9KHz~30MHz)

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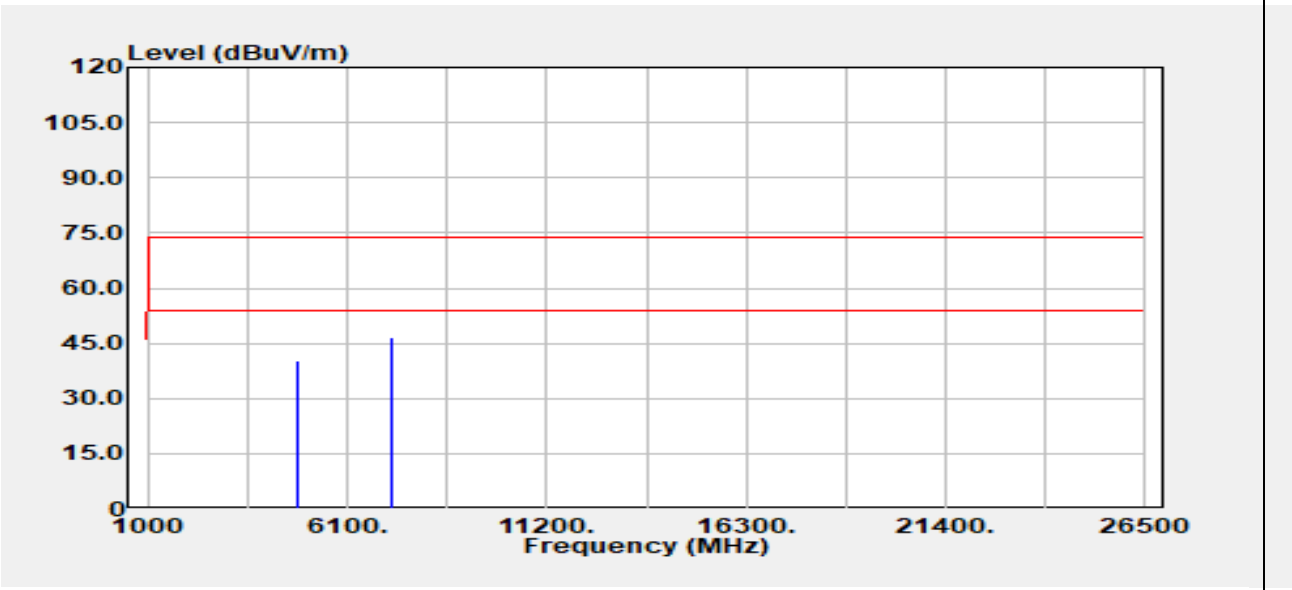
Above 1G Test Data

Test Mode	IEEE 802.11b Low CH	Temp/Hum	24.2(℃)/ 61%RH
Test Item	Harmonic	Test Date	November 15, 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)
4824.00	Peak	34.31	5.90	40.21	74.00	-33.79
4824.00	Average	31.02	5.90	36.92	54.00	-17.08
7236.00	Peak	33.16	13.31	46.47	74.00	-27.53
7236.00	Average	25.84	13.31	39.15	54.00	-14.85

Remark:

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

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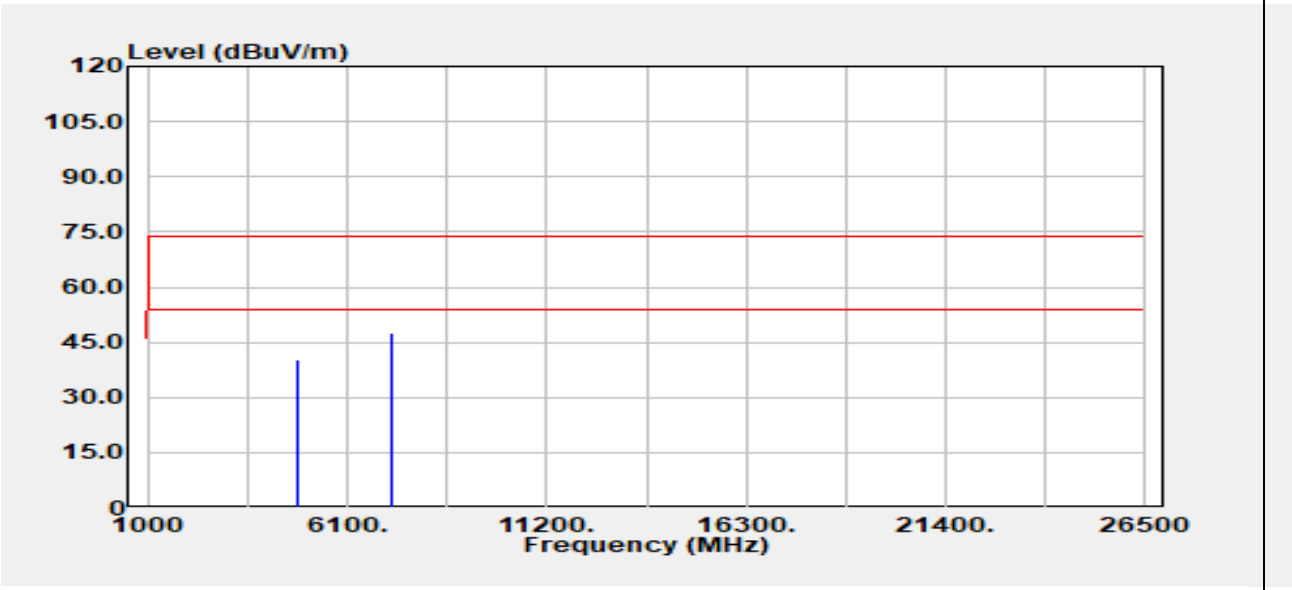
Test Mode	IEEE 802.11b Low CH	Temp/Hum	24.2(℃)/ 61%RH
Test Item	Harmonic	Test Date	November 15, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4824.00	Peak	34.53	5.90	40.43	74.00	-33.57
4824.00	Average	27.79	5.90	33.69	54.00	-20.31
7236.00	Peak	34.32	13.31	47.63	74.00	-26.37
7236.00	Average	25.93	13.31	39.24	54.00	-14.76

Remark:

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

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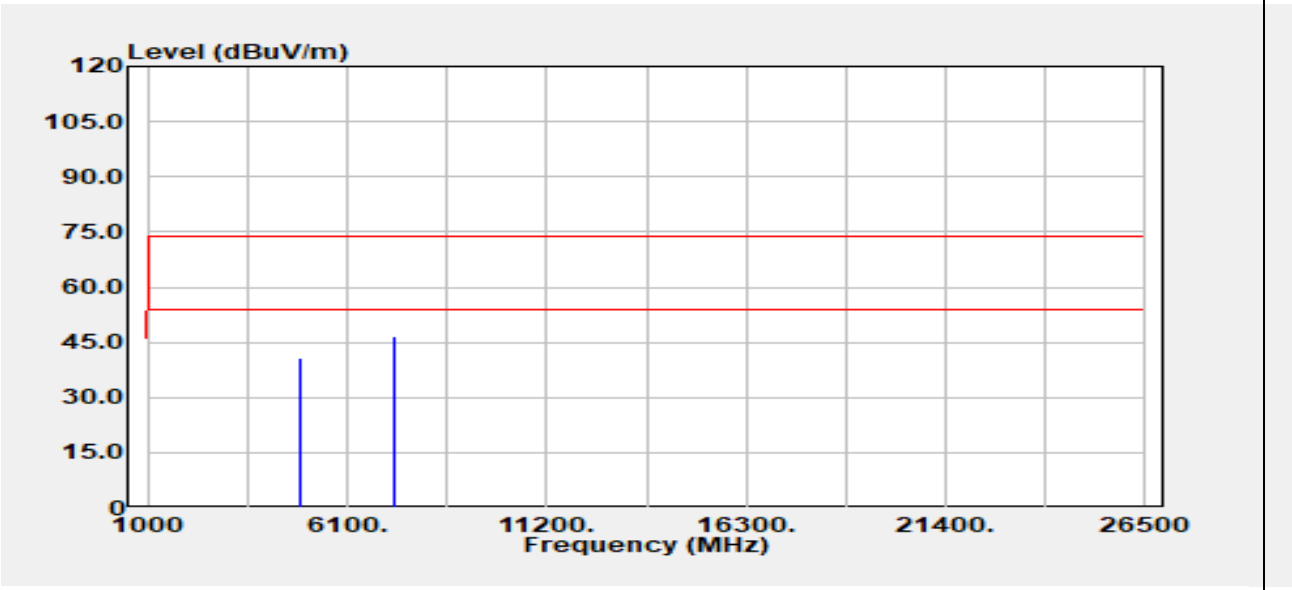
Test Mode	IEEE 802.11b Mid CH	Temp/Hum	24.2(℃)/ 61%RH
Test Item	Harmonic	Test Date	November 15, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4874.00	Peak	34.49	6.09	40.58	74.00	-33.42
4874.00	Average	28.45	6.09	34.54	54.00	-19.46
7311.00	Peak	33.22	13.33	46.55	74.00	-27.45
7311.00	Average	25.82	13.33	39.15	54.00	-14.85

Remark:

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

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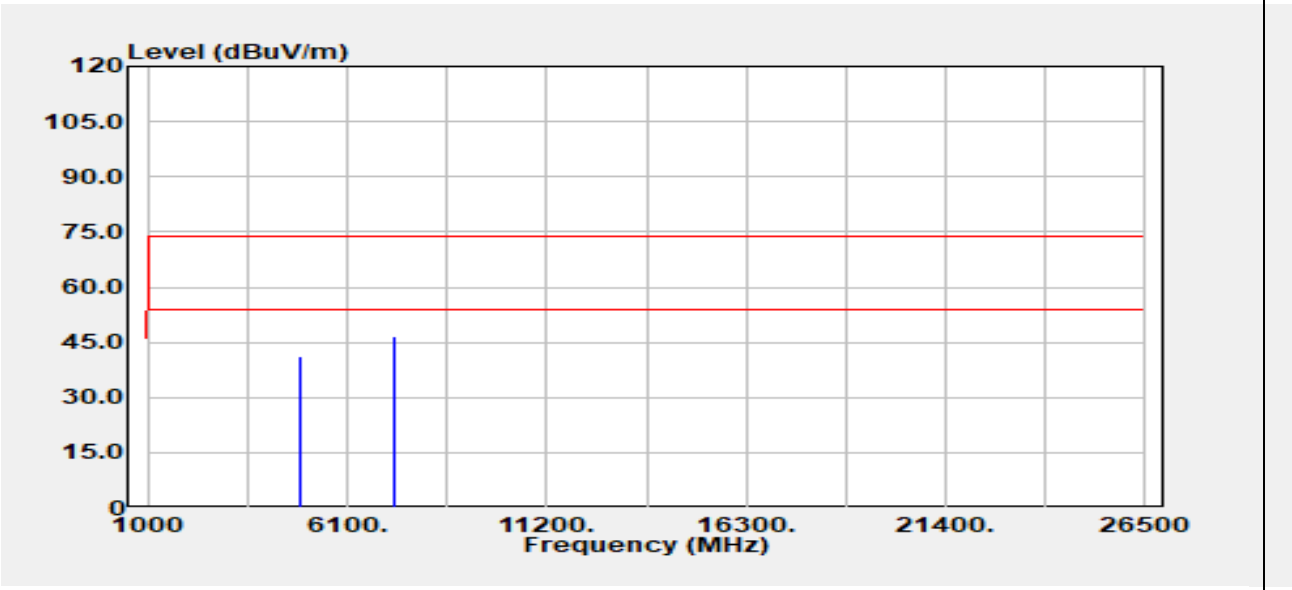
Test Mode	IEEE 802.11b Mid CH	Temp/Hum	24.2(℃)/ 61%RH
Test Item	Harmonic	Test Date	November 15, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4874.00	Peak	34.98	6.09	41.07	74.00	-32.93
4874.00	Average	26.76	6.09	32.85	54.00	-21.15
7311.00	Peak	33.53	13.33	46.86	74.00	-27.14
7311.00	Average	25.74	13.33	39.07	54.00	-14.93

Remark:

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

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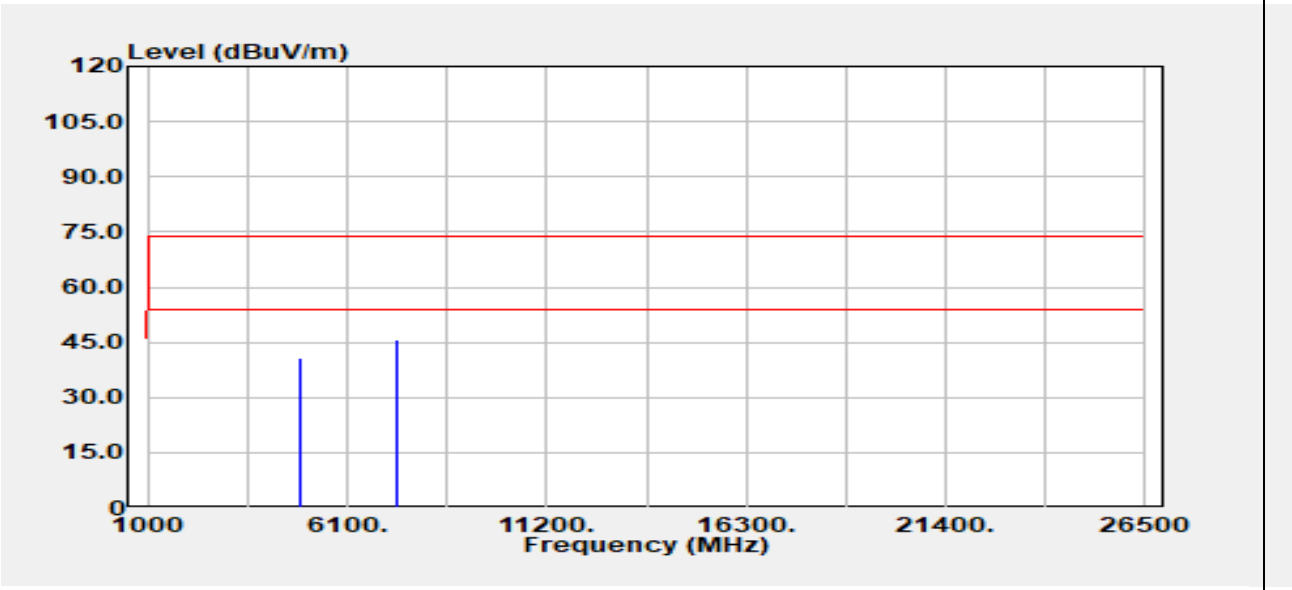
Test Mode	IEEE 802.11b High CH	Temp/Hum	24.2(℃)/ 61%RH
Test Item	Harmonic	Test Date	November 15, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4924.00	Peak	34.26	6.53	40.79	74.00	-33.21
4924.00	Average	27.06	6.53	33.59	54.00	-20.41
7386.00	Peak	32.55	13.33	45.88	74.00	-28.12
7386.00	Average	25.86	13.33	39.19	54.00	-14.81

Remark:

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

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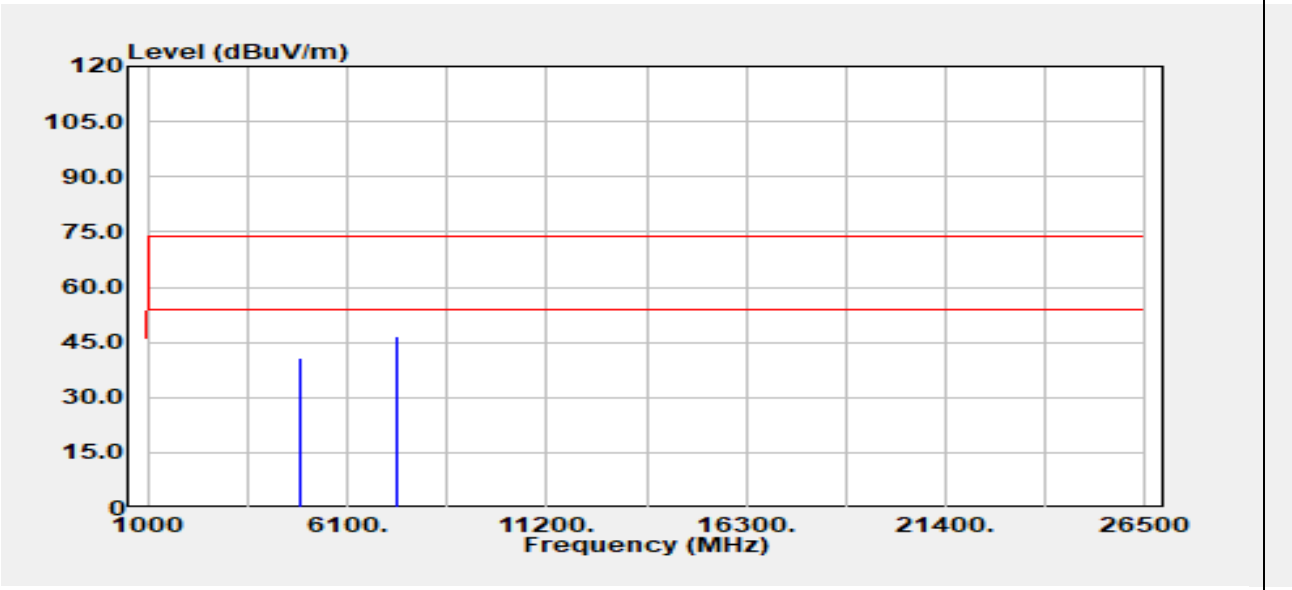
Test Mode	IEEE 802.11b High CH	Temp/Hum	24.2(℃)/ 61%RH
Test Item	Harmonic	Test Date	November 15, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4924.00	Peak	34.15	6.53	40.68	74.00	-33.32
4924.00	Average	27.00	6.53	33.52	54.00	-20.48
7386.00	Peak	33.33	13.33	46.66	74.00	-27.34
7386.00	Average	25.90	13.33	39.23	54.00	-14.77

Remark:

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

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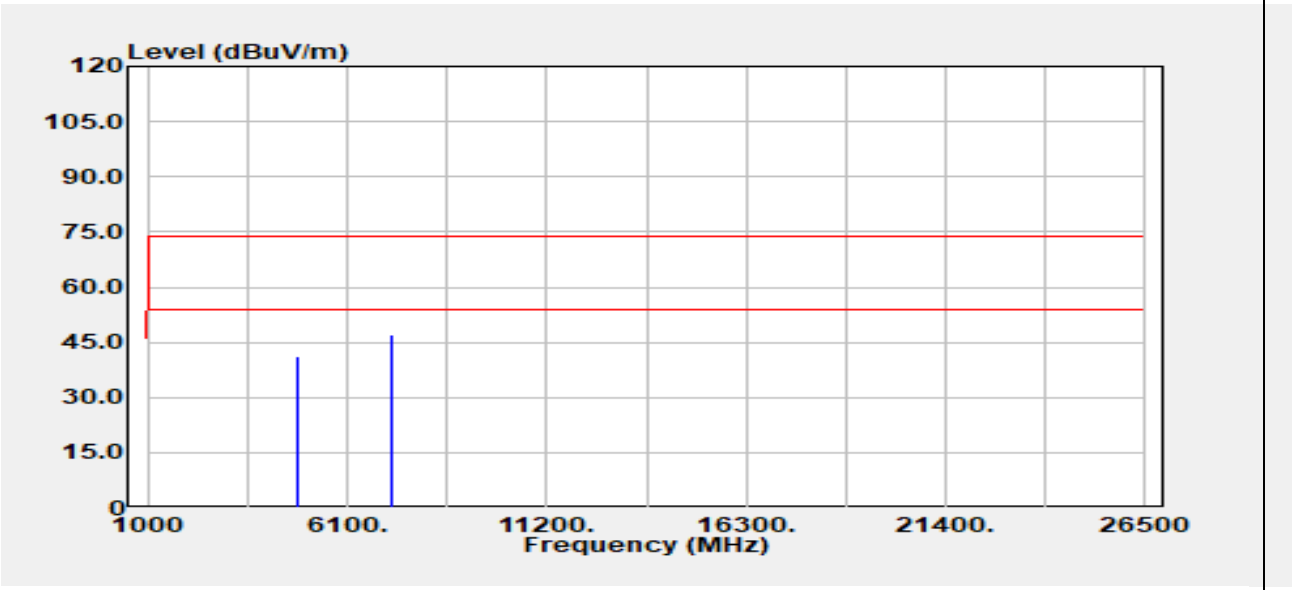
Test Mode	IEEE 802.11g Low CH	Temp/Hum	24.2(℃)/ 61%RH
Test Item	Harmonic	Test Date	November 15, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4824.00	Peak	35.49	5.90	41.39	74.00	-32.61
4824.00	Average	28.25	5.90	34.15	54.00	-19.85
7236.00	Peak	33.89	13.31	47.20	74.00	-26.80
7236.00	Average	25.83	13.31	39.14	54.00	-14.86

Remark:

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

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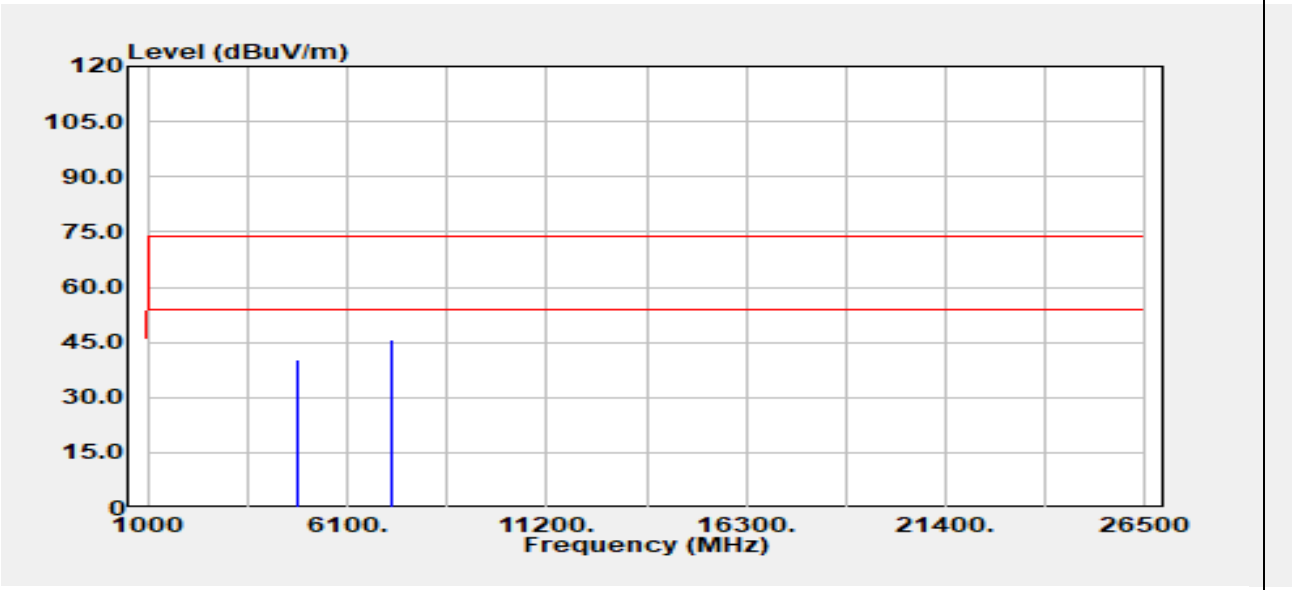
Test Mode	IEEE 802.11g Low CH	Temp/Hum	24.2(℃)/ 61%RH
Test Item	Harmonic	Test Date	November 15, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4824.00	Peak	34.39	5.90	40.29	74.00	-33.71
4824.00	Average	26.99	5.90	32.88	54.00	-21.12
7236.00	Peak	32.58	13.31	45.89	74.00	-28.11
7236.00	Average	25.83	13.31	39.15	54.00	-14.85

Remark:

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

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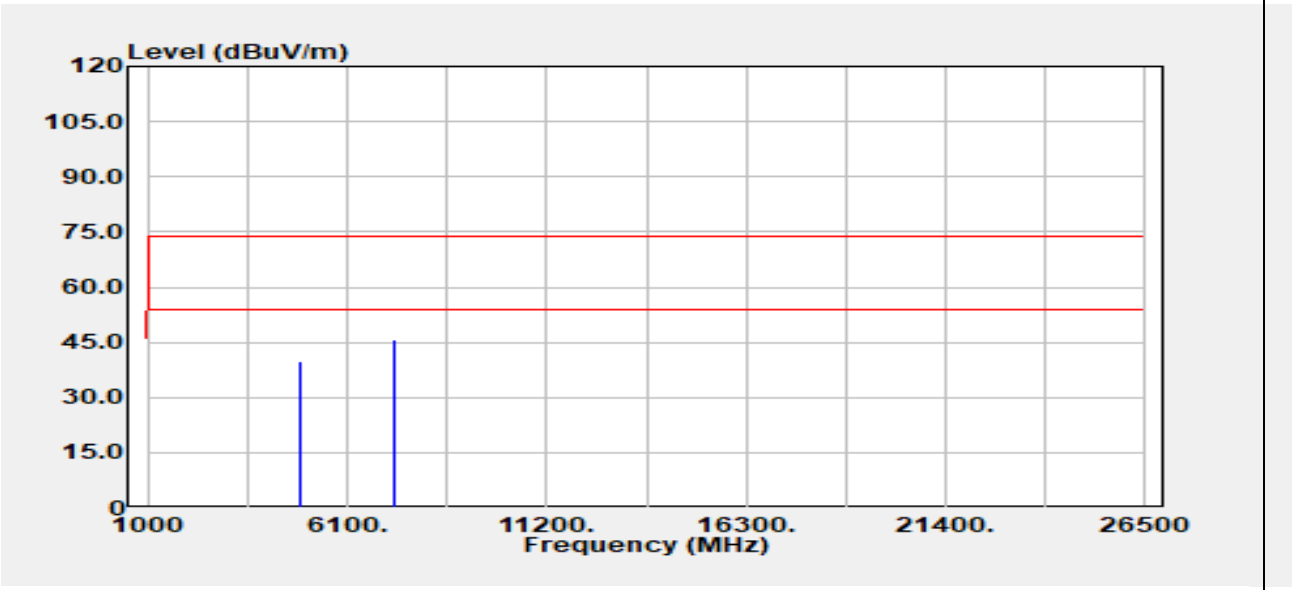
Test Mode	IEEE 802.11g Mid CH	Temp/Hum	24.2(℃)/ 61%RH
Test Item	Harmonic	Test Date	November 15, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
4874.00	Peak	33.97	6.09	40.06	74.00	-33.94
4874.00	Average	27.35	6.09	33.44	54.00	-20.56
7311.00	Peak	32.51	13.33	45.85	74.00	-28.15
7311.00	Average	25.74	13.33	39.08	54.00	-14.92

Remark:

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

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