4.5 CONDUCTED BANDEDGE AND SPURIOUS EMISSION

4.5.1 Test Limit

According to §15.247(d),

In any 100 kHz bandwidth outside the authorized frequency band,

Non-restricted bands shall be attenuated at least 20 dB/30 dB relative to the maximum PSD level in 100 kHz by RF conducted or a radiated measurement which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a).

4.5.2 Test Procedure

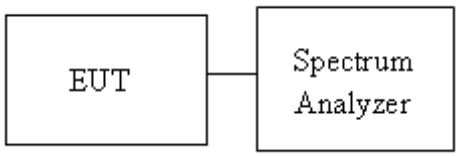
Test method Refer as ANSI C63.10:2013.

1. EUT RF output port connected to the SA by RF cable, and the path loss was compensated to result.

2. SA setting, RBW=100kHz, VBW=300kHz, Detector=Peak, Trace mode = max hold, SWT = Auto.

3. In any 100 kHz bandwidth outside the authorized frequency band, shall be attenuated at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz when conducted power procedure is used. f the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.

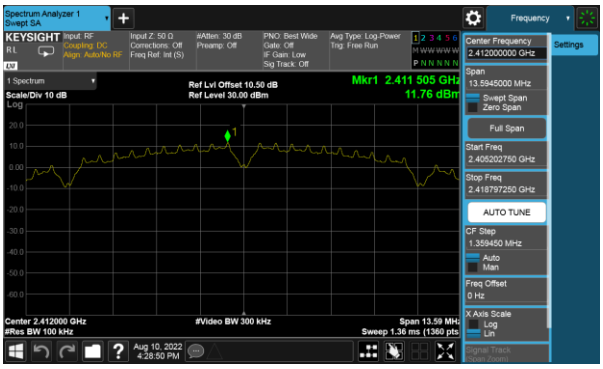
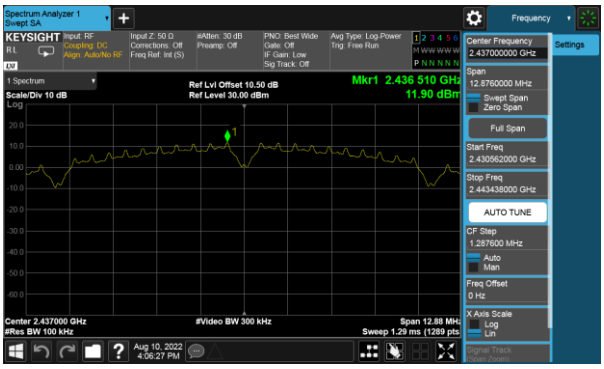
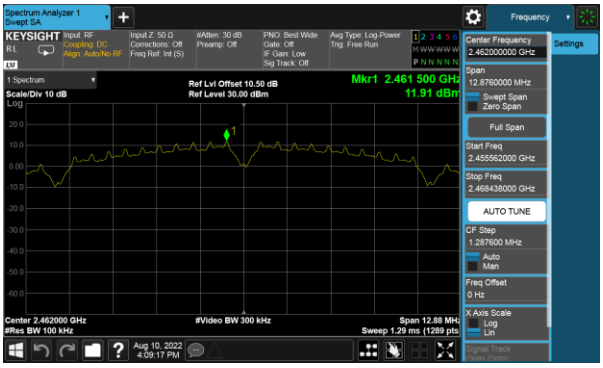
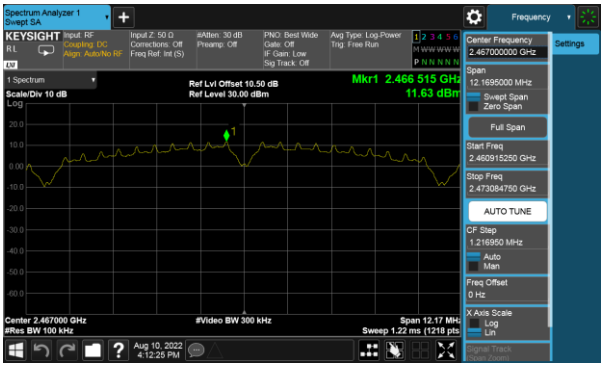
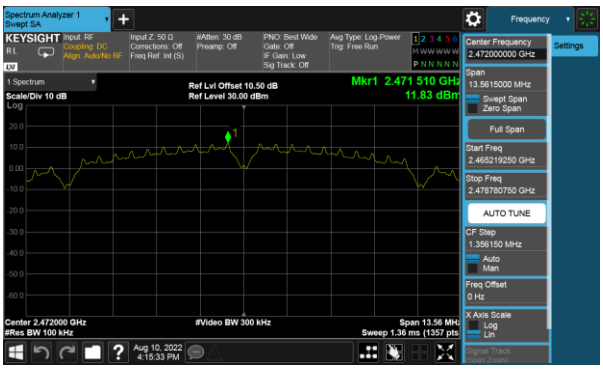
4.5.3 Test Setup

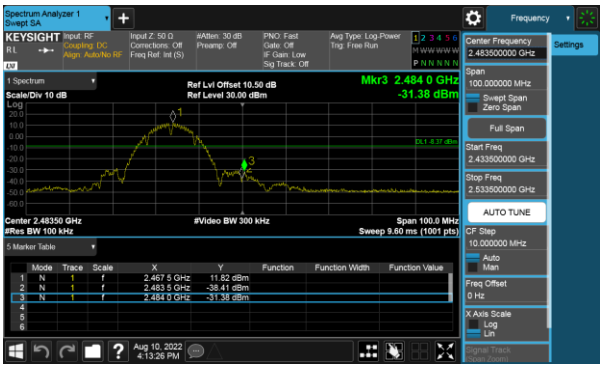


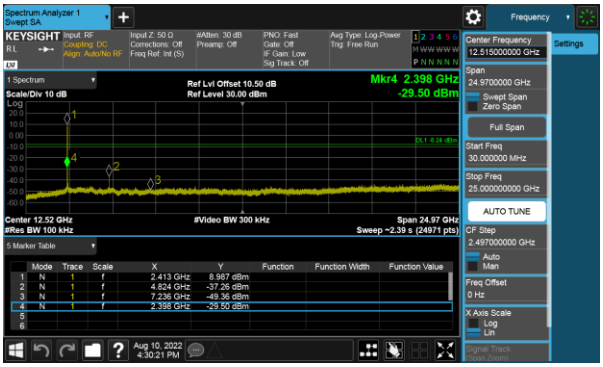
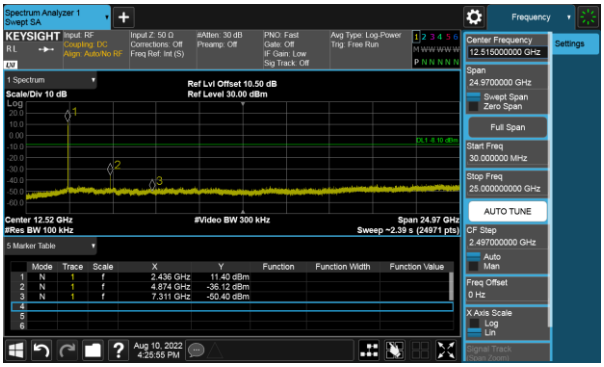
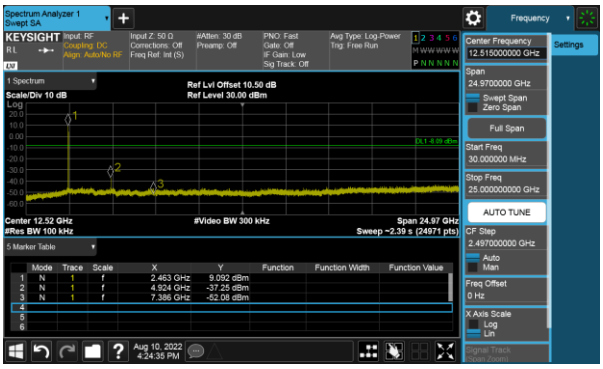
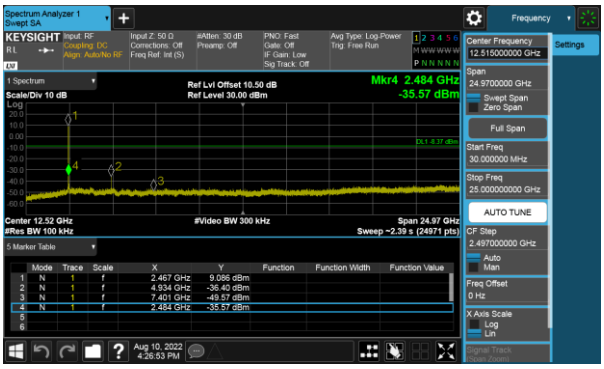
4.5.4 Test Result

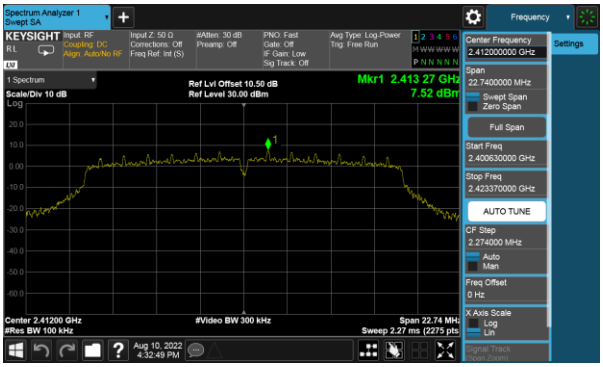
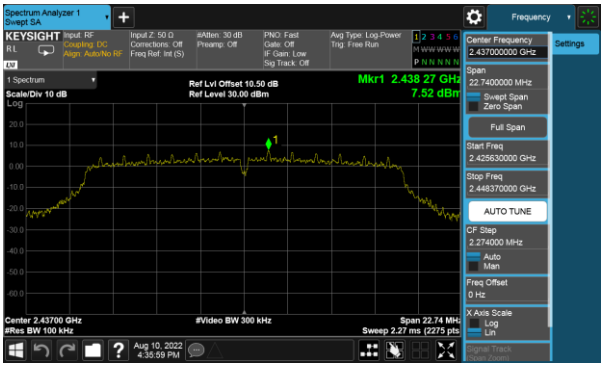
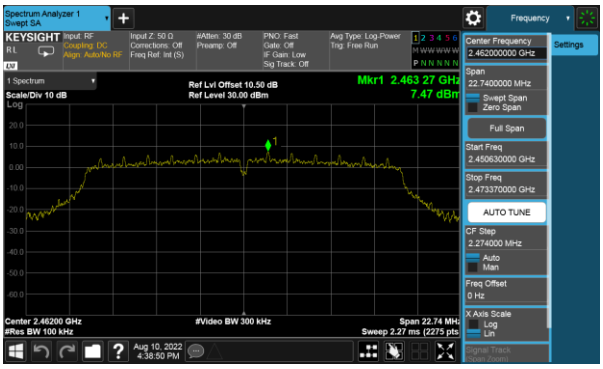
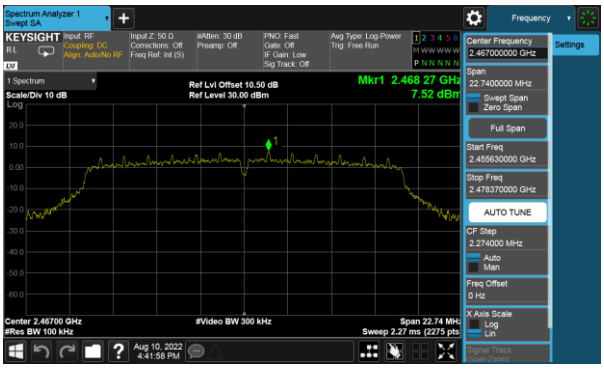
Temperature:	24.1~26.1℃	**Test date:**	August 10~September 2, 2022
Humidity:	44~56% RH	**Tested by:**	David Li

Test Data

IEEE 802.11b mode- chain 0	
Reference Level	
CH 1	CH 6
	
CH 11	CH 12
	
CH 13	
	--

IEEE 802.11b mode- chain 0	
Band Edge	
CH 1	CH 11
	
CH 12	CH 13
	

IEEE 802.11b mode- chain 0	
Spurious Emission 30MHz-25GHz	
CH 1	CH 6
	
CH 11	CH 12
	
CH 13	
	--

IEEE 802.11g mode- chain 0	
Reference Level	
CH 1	CH 6
	
CH 11	CH 12
	
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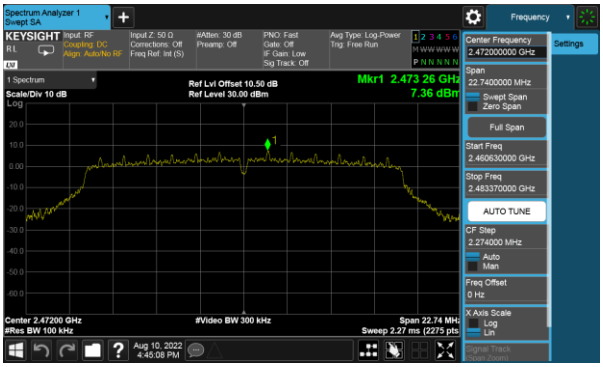
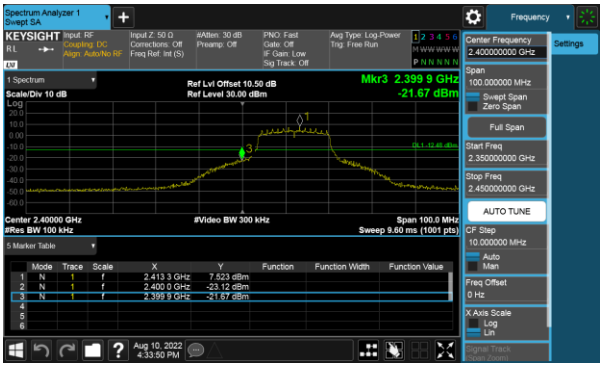
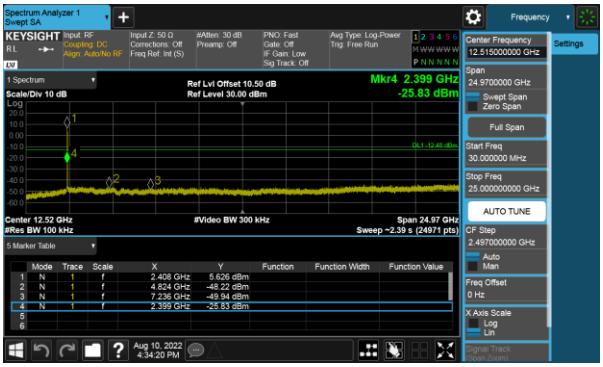
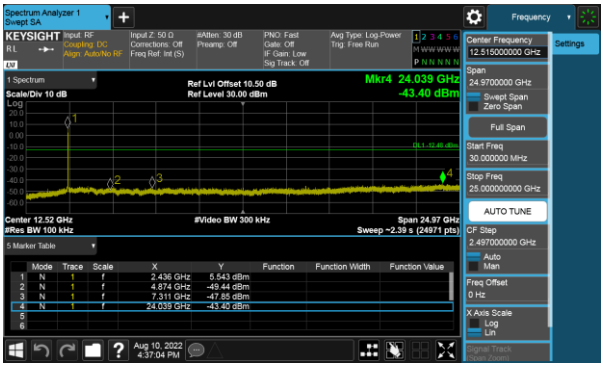
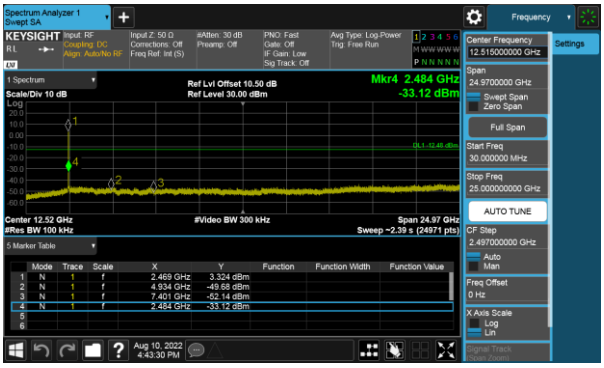
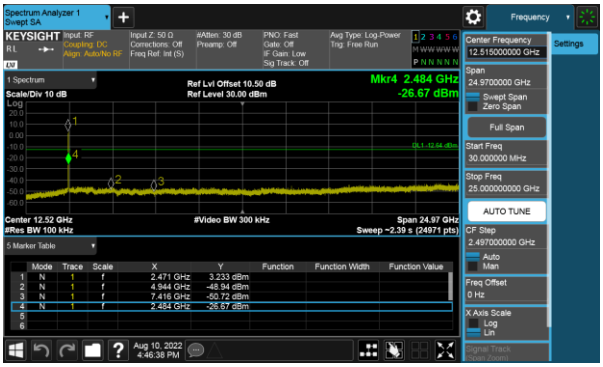
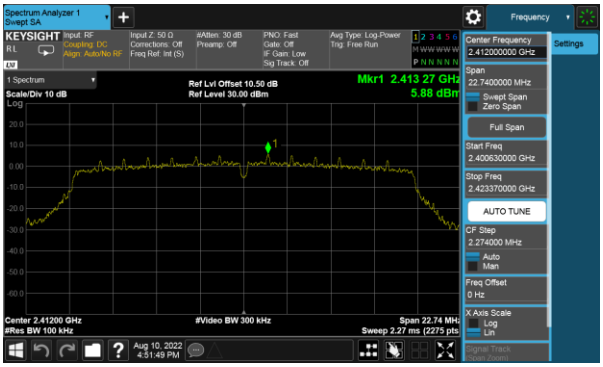
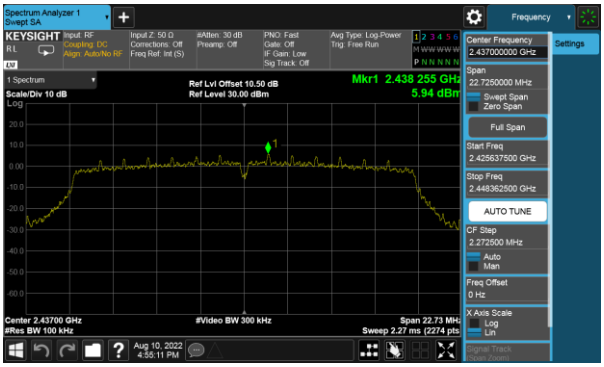
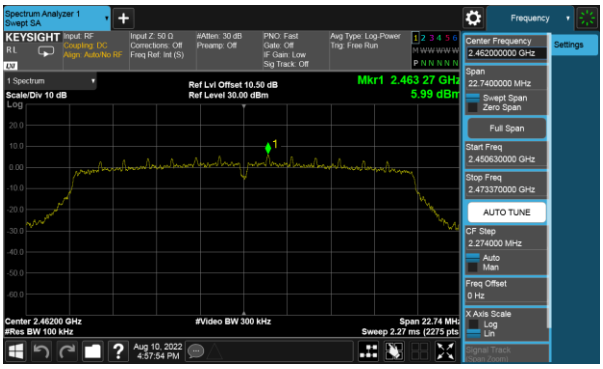
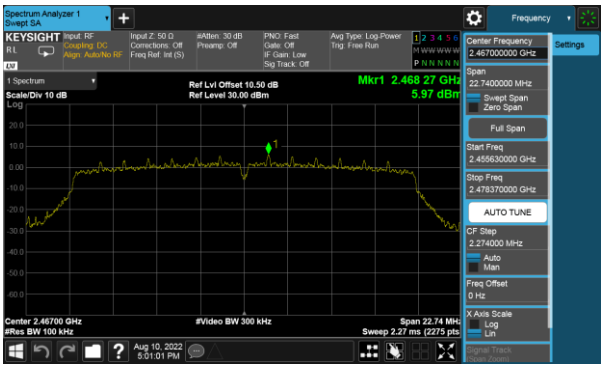
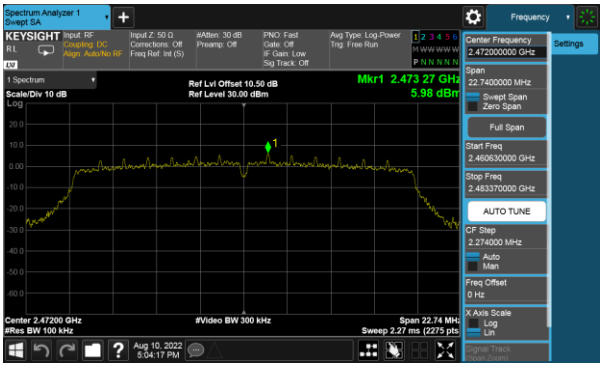
	--

IEEE 802.11g mode- chain 0	
Band Edge	
CH 1	CH 11
	
CH 12	CH 13
	

IEEE 802.11g mode- chain 0	
Spurious Emission 30MHz-25GHz	
CH 1	CH 6
	
CH 11	CH 12
	
CH 13	
	--

IEEE 802.11n HT20 mode- chain 0	
Reference Level	
CH 1	**CH 6**
	
CH 11	**CH 12**
	
CH 13	
	--

IEEE 802.11n HT20 mode- chain 0	
Band Edge	
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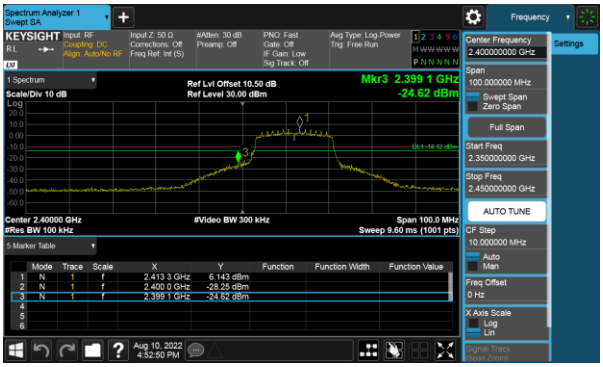
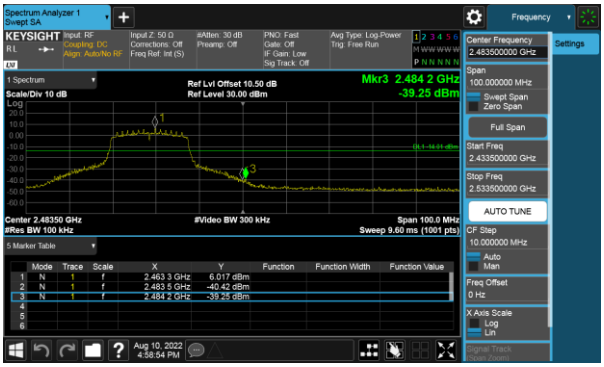
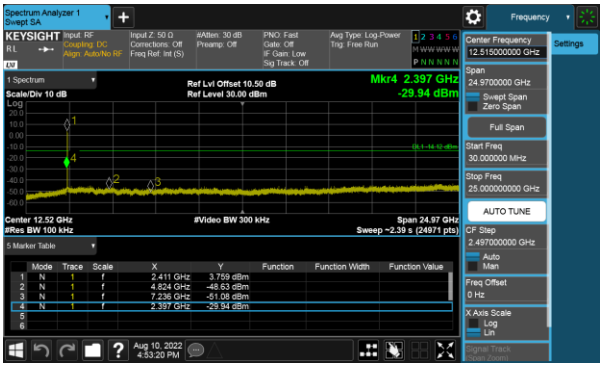
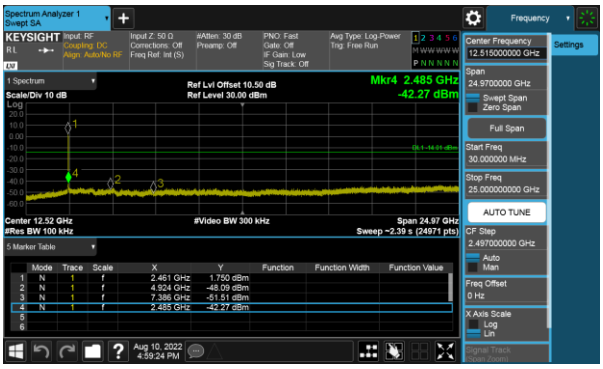
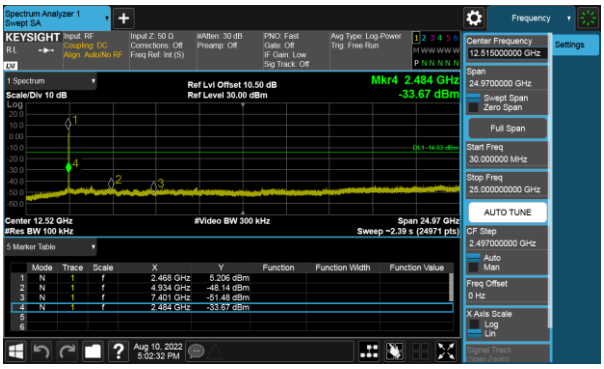
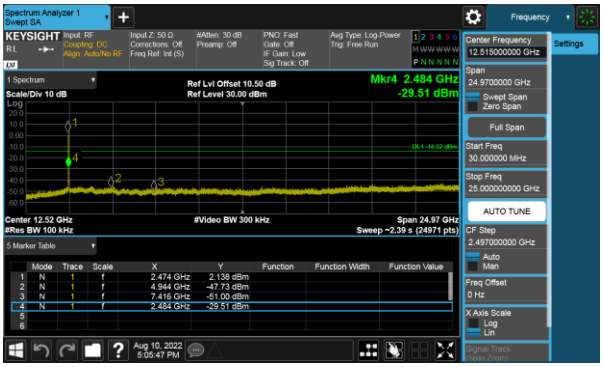
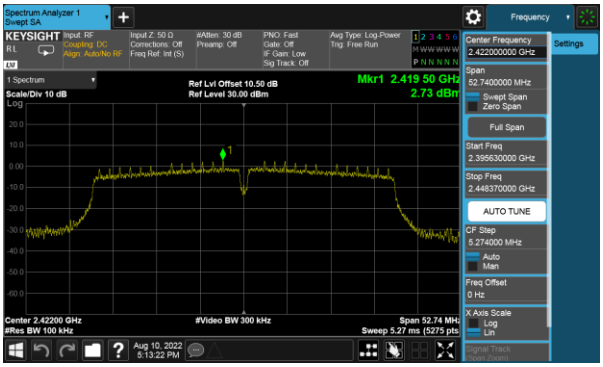
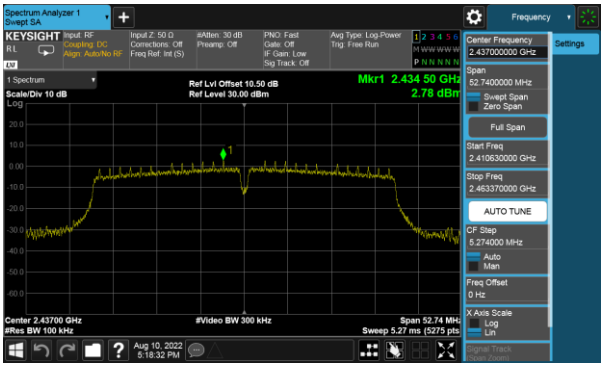
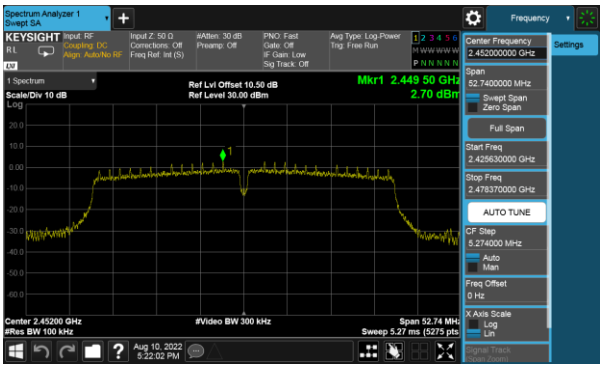
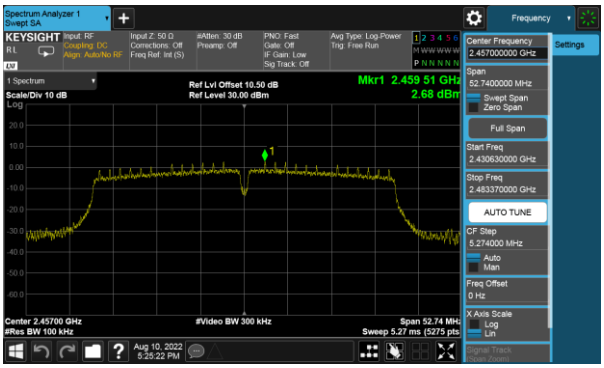
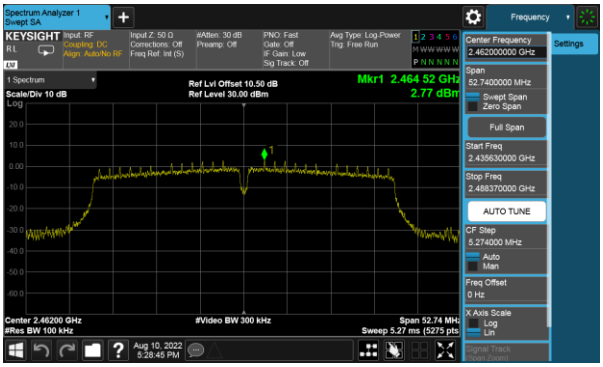
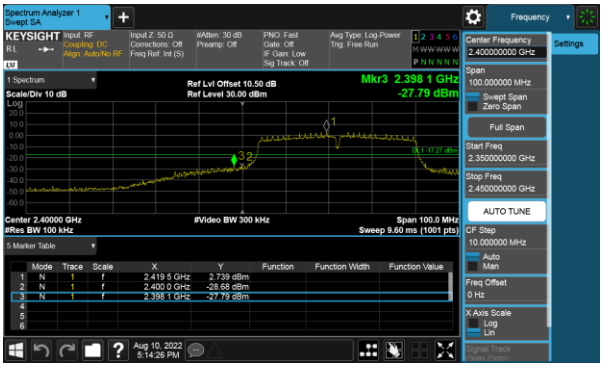
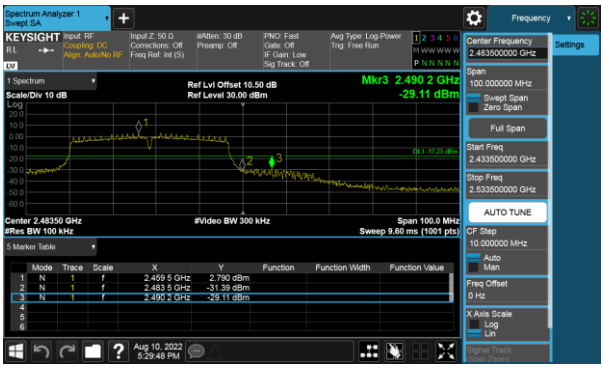
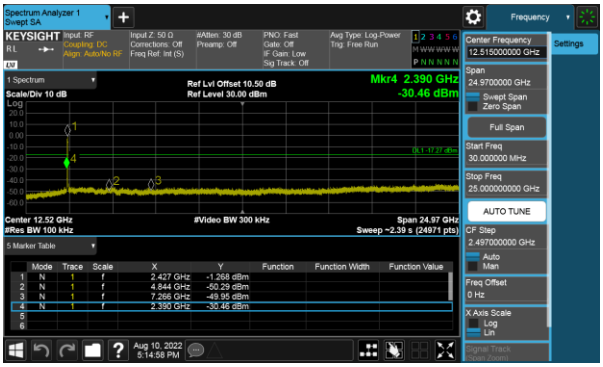
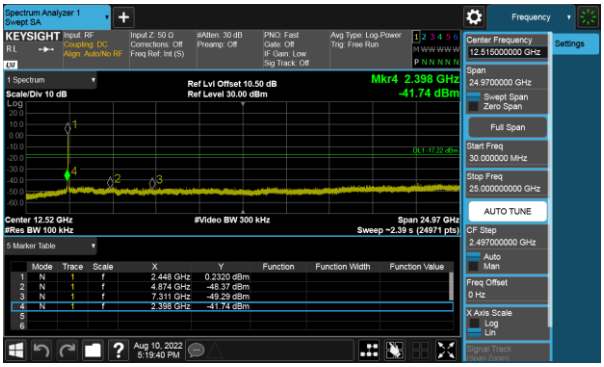
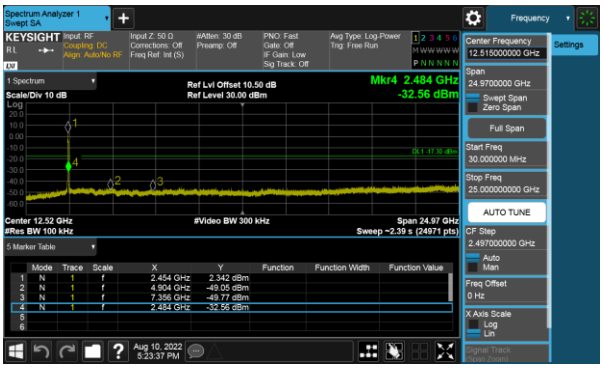
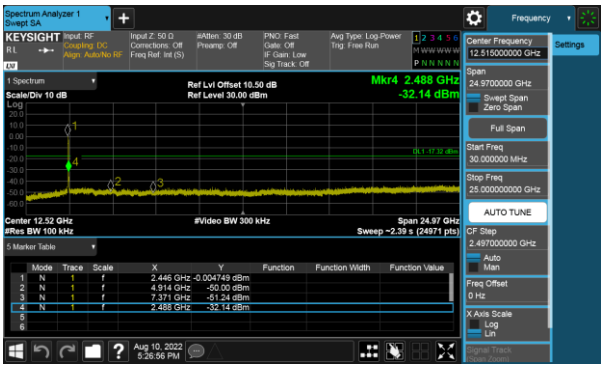
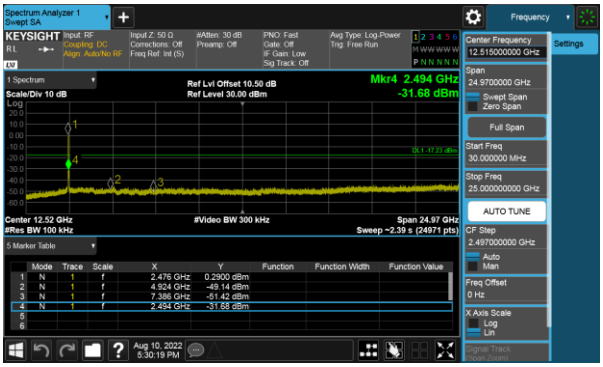
	
CH 12	CH 13
	

IEEE 802.11n HT20 mode- chain 0	
Spurious Emission 30MHz-25GHz	
CH 1	CH 6
	
CH 11	CH 12
	
CH 13	
	--

IEEE 802.11n HT40 mode- chain 0	
Reference Level	
CH 3	CH 6
	
CH 9	CH 10
	
CH 11	
	--

IEEE 802.11n HT40 mode- chain 0	
Band Edge	
CH 3	CH 9
	
CH 10	CH 11
	

IEEE 802.11n HT40 mode- chain 0	
Spurious Emission 30MHz-25GHz	
CH 3	CH 6
	
CH 9	CH 10
	
CH 11	
	--

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

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.

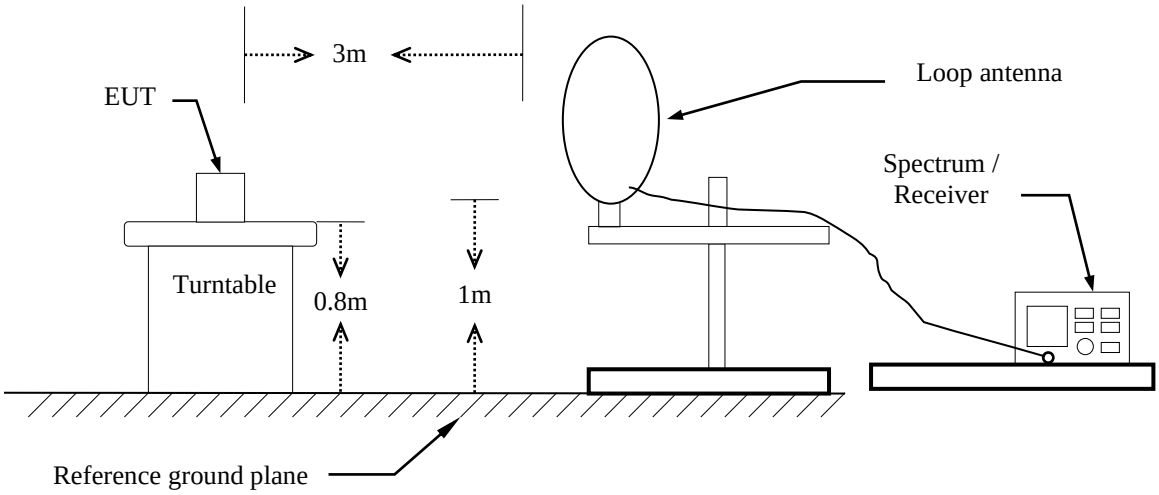
5. Data result：

Actual FS=Spectrum Reading Level + Factor

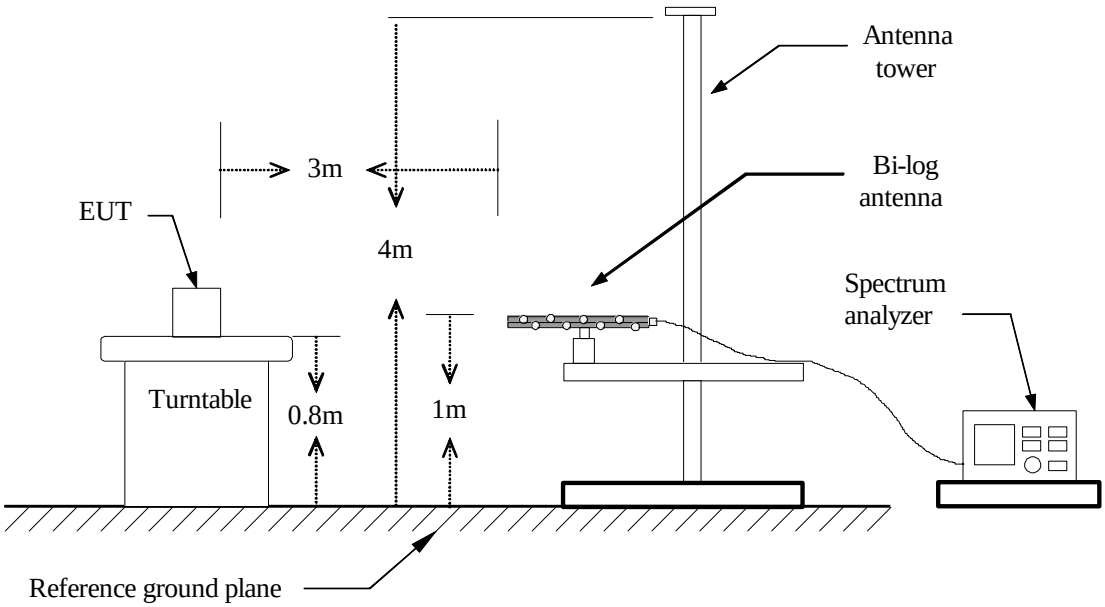
Margin=Actual FS- Limit

4.6.3 Test Setup

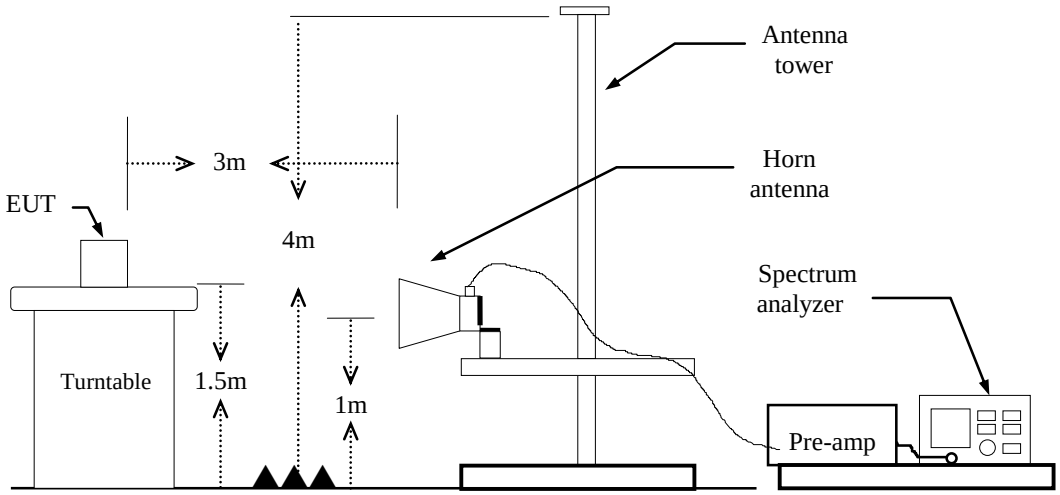
9kHz ~ 30MHz



30MHz ~ 1GHz



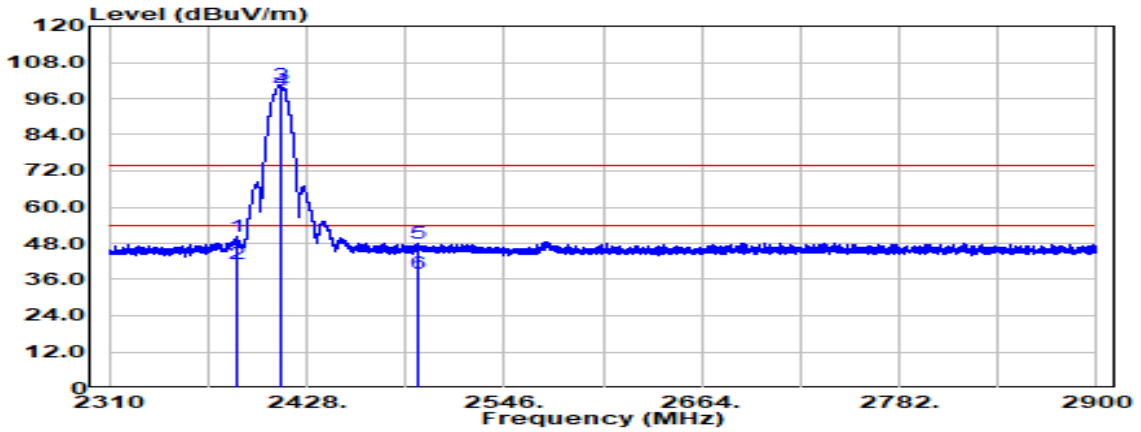
Above 1 GHz



4.6.4 Test Result

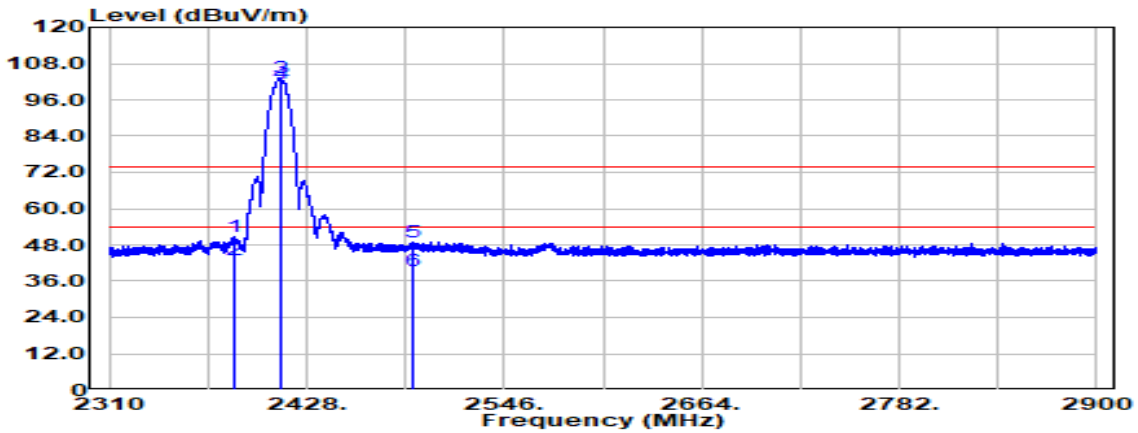
Band Edge Test Data

Test Mode	IEEE 802.11b 2412 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Band Edge	Test Date	August 16, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



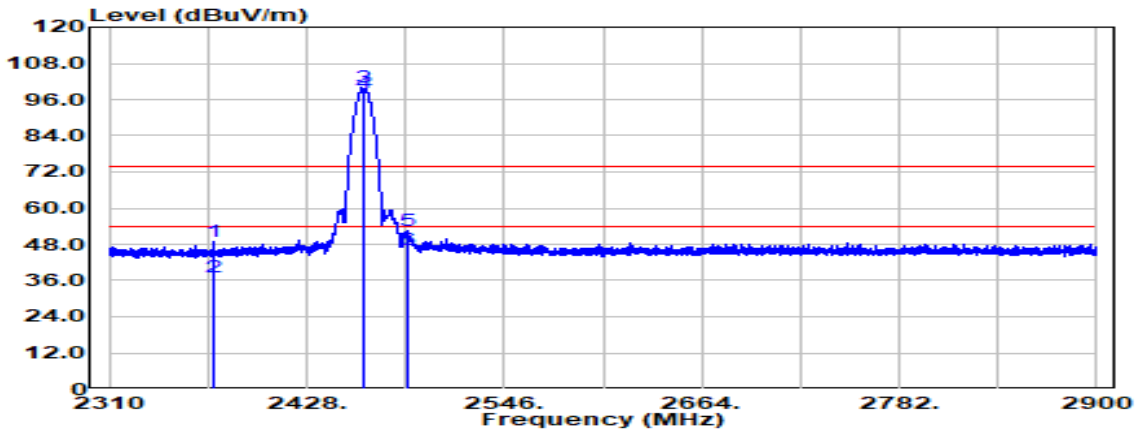
Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2385.874	Peak	42.42	7.74	50.16	74.00	-23.84
2385.874	Average	33.65	7.74	41.39	54.00	-12.61
2412.000	Peak	92.64	7.86	100.50	--	--
2412.000	Average	90.93	7.86	98.79	--	--
2494.788	Peak	39.83	8.31	48.15	74.00	-25.85
2494.788	Average	29.55	8.31	37.86	54.00	-16.14

Test Mode	IEEE 802.11b 2412 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Band Edge	Test Date	August 16, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



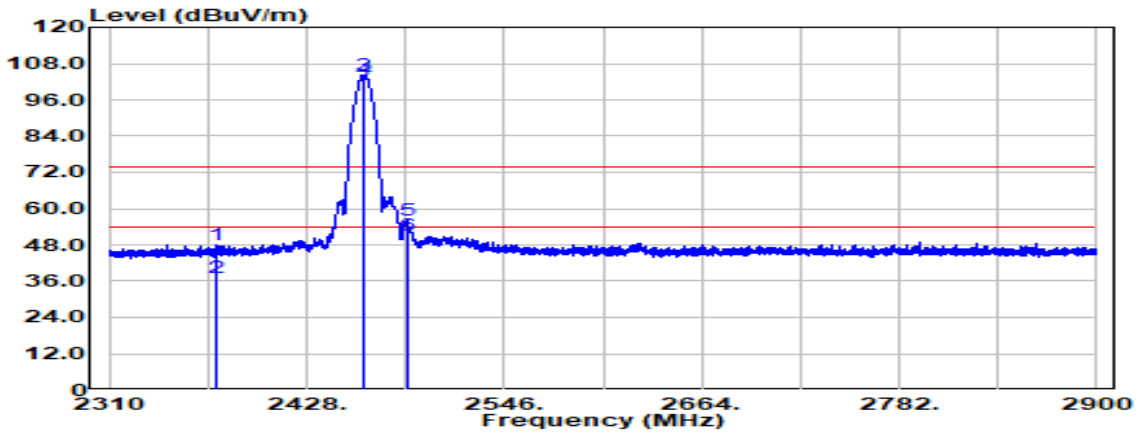
Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2384.458	Peak	42.80	7.74	50.54	74.00	-23.46
2384.458	Average	35.30	7.74	43.03	54.00	-10.97
2412.000	Peak	95.34	7.86	103.19	--	--
2412.000	Average	93.60	7.86	101.46	--	--
2491.602	Peak	40.65	8.30	48.95	74.00	-25.05
2491.602	Average	31.00	8.30	39.30	54.00	-14.70

Test Mode	IEEE 802.11b 2462 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Band Edge	Test Date	August 16, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



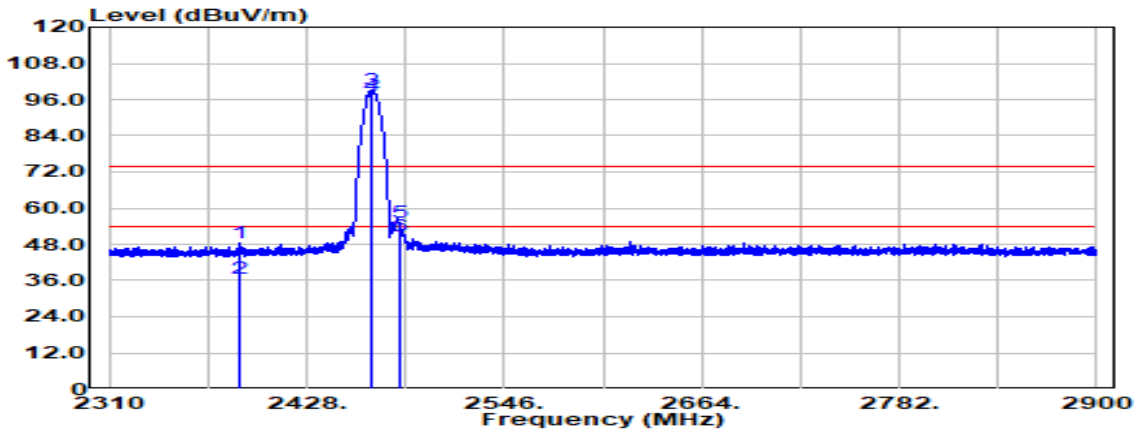
Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2372.776	Peak	41.18	7.70	48.89	74.00	-25.11
2372.776	Average	29.32	7.70	37.02	54.00	-16.98
2462.000	Peak	91.70	8.16	99.86	--	--
2462.000	Average	90.02	8.16	98.17	--	--
2487.826	Peak	44.21	8.28	52.49	74.00	-21.51
2487.826	Average	37.87	8.28	46.15	54.00	-7.85

Test Mode	IEEE 802.11b 2462 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Band Edge	Test Date	August 16, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



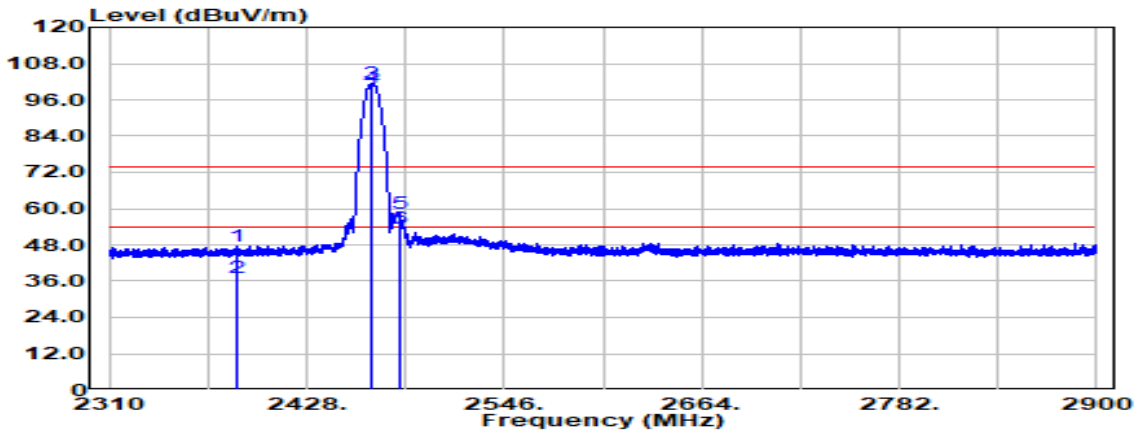
Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2374.428	Peak	40.35	7.71	48.06	74.00	-25.94
2374.428	Average	29.62	7.71	37.33	54.00	-16.67
2462.000	Peak	96.20	8.16	104.36	--	--
2462.000	Average	94.45	8.16	102.61	--	--
2487.708	Peak	47.91	8.28	56.19	74.00	-17.81
2487.708	Average	42.71	8.28	50.99	54.00	-3.01

Test Mode	IEEE 802.11b 2467 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Band Edge	Test Date	August 16, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



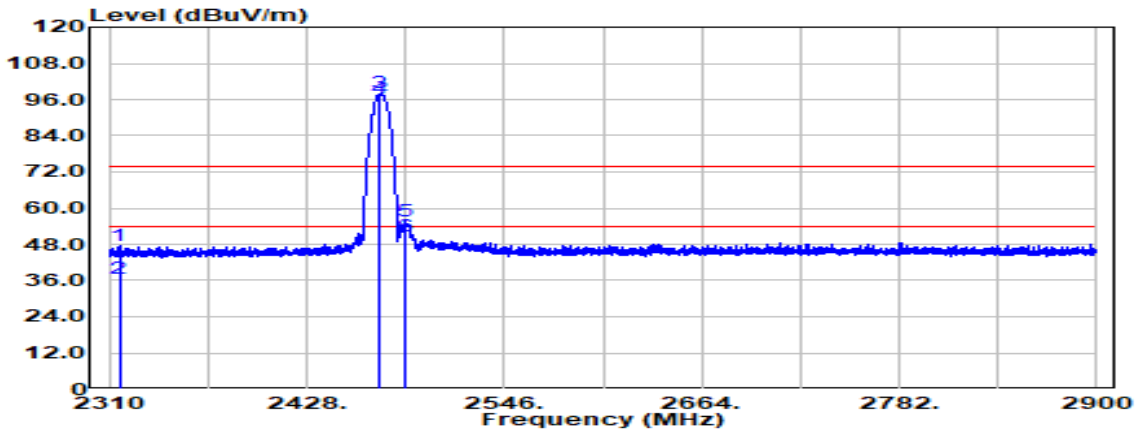
Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2387.290	Peak	40.54	7.74	48.28	74.00	-25.72
2387.290	Average	29.16	7.74	36.90	54.00	-17.10
2467.000	Peak	90.95	8.18	99.13	--	--
2467.000	Average	89.23	8.18	97.42	--	--
2483.814	Peak	47.03	8.26	55.30	74.00	-18.70
2483.814	Average	42.27	8.26	50.53	54.00	-3.47

Test Mode	IEEE 802.11b 2467 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Band Edge	Test Date	August 16, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



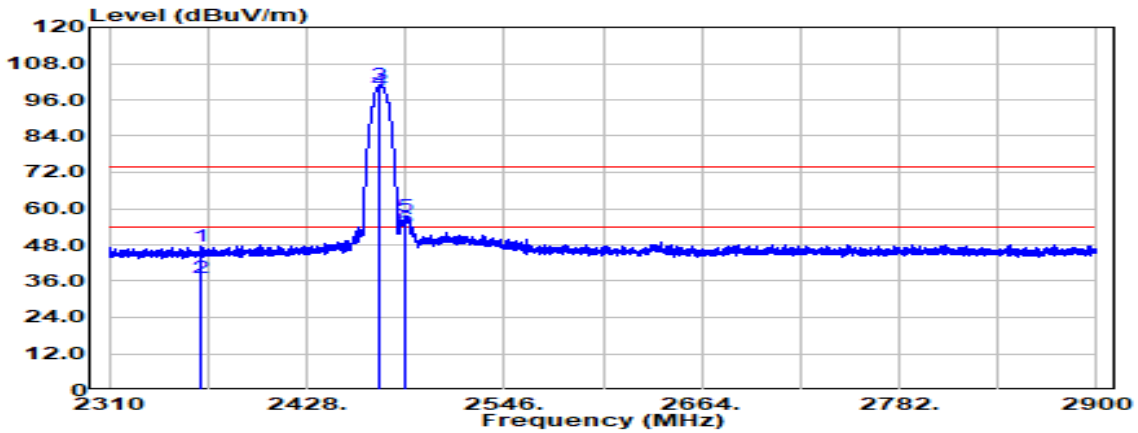
Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2386.936	Peak	39.74	7.74	47.49	74.00	-26.51
2386.936	Average	29.22	7.74	36.96	54.00	-17.04
2467.000	Peak	93.45	8.18	101.63	--	--
2467.000	Average	91.74	8.18	99.92	--	--
2484.050	Peak	50.10	8.26	58.37	74.00	-15.63
2484.050	Average	45.34	8.26	53.60	54.00	-0.40

Test Mode	IEEE 802.11b 2472 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Band Edge	Test Date	August 17, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



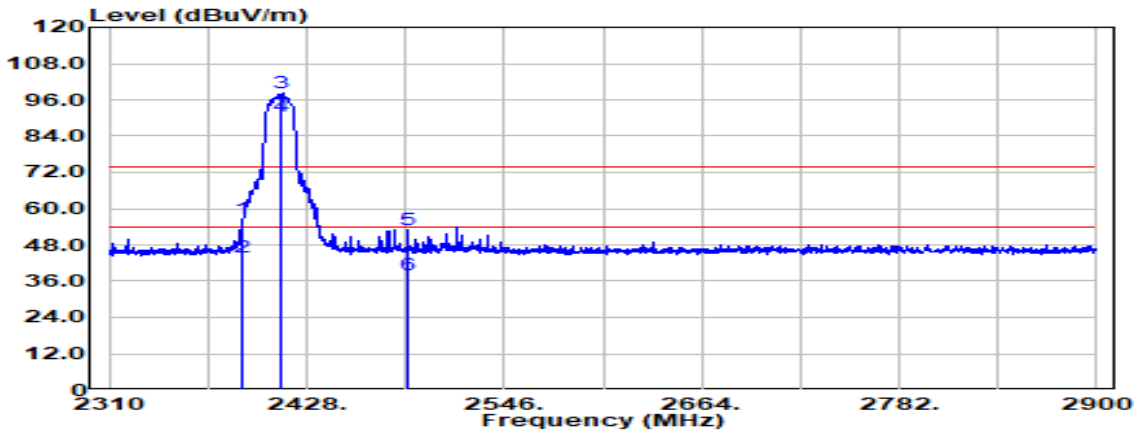
Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2316.018	Peak	39.88	7.59	47.46	74.00	-26.54
2316.018	Average	29.20	7.59	36.79	54.00	-17.21
2472.000	Peak	90.04	8.21	98.24	--	--
2472.000	Average	88.29	8.21	96.50	--	--
2487.472	Peak	47.33	8.28	55.61	74.00	-18.39
2487.472	Average	42.63	8.28	50.91	54.00	-3.09

Test Mode	IEEE 802.11b 2472 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Band Edge	Test Date	August 17, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



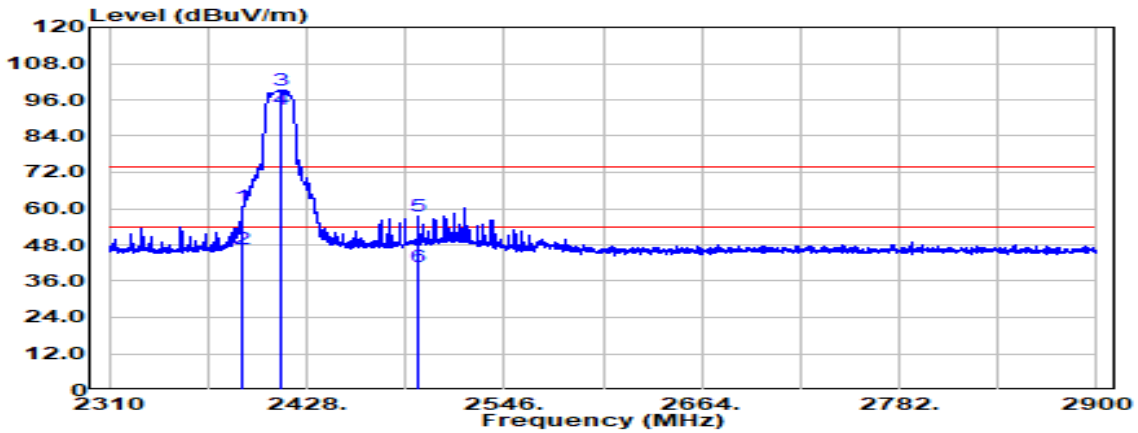
Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2364.398	Peak	39.85	7.68	47.53	74.00	-26.47
2364.398	Average	29.30	7.68	36.98	54.00	-17.02
2472.000	Peak	92.88	8.21	101.09	--	--
2472.000	Average	91.16	8.21	99.36	--	--
2486.882	Peak	49.21	8.28	57.48	74.00	-16.52
2486.882	Average	45.14	8.28	53.42	54.00	-0.58

Test Mode	IEEE 802.11g 2412 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Band Edge	Test Date	August 17, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



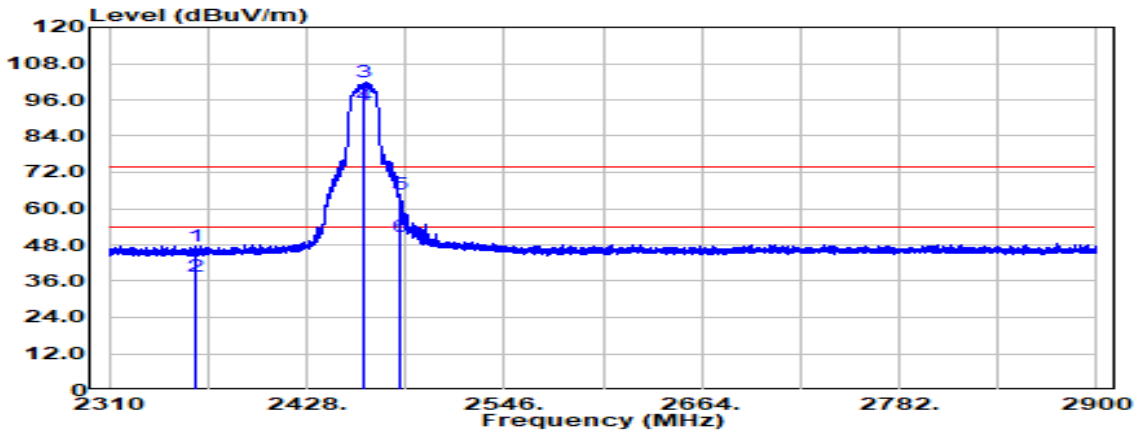
Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2389.945	Peak	48.89	7.75	56.64	74.00	-17.36
2389.945	Average	36.07	7.75	43.82	54.00	-10.18
2412.000	Peak	90.35	7.86	98.21	--	--
2412.000	Average	82.84	7.86	90.69	--	--
2488.475	Peak	44.63	8.28	52.91	74.00	-21.09
2488.475	Average	29.97	8.28	38.25	54.00	-15.75

Test Mode	IEEE 802.11g 2412 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Band Edge	Test Date	August 17, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



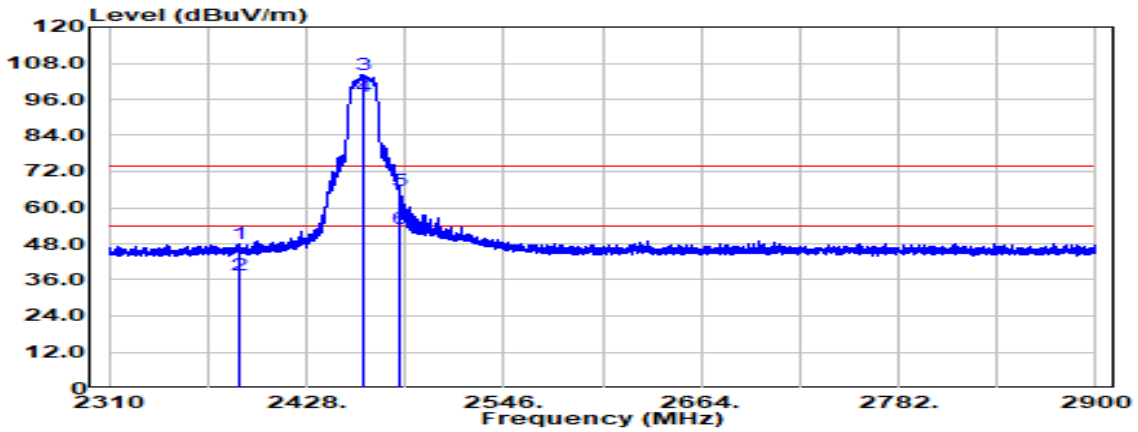
Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2389.650	Peak	52.99	7.75	60.74	74.00	-13.26
2389.650	Average	39.00	7.75	46.75	54.00	-7.25
2412.000	Peak	91.48	7.86	99.34	--	--
2412.000	Average	84.85	7.86	92.71	--	--
2494.080	Peak	49.06	8.31	57.37	74.00	-16.63
2494.080	Average	32.35	8.31	40.66	54.00	-13.34

Test Mode	IEEE 802.11g 2462 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Band Edge	Test Date	August 16, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



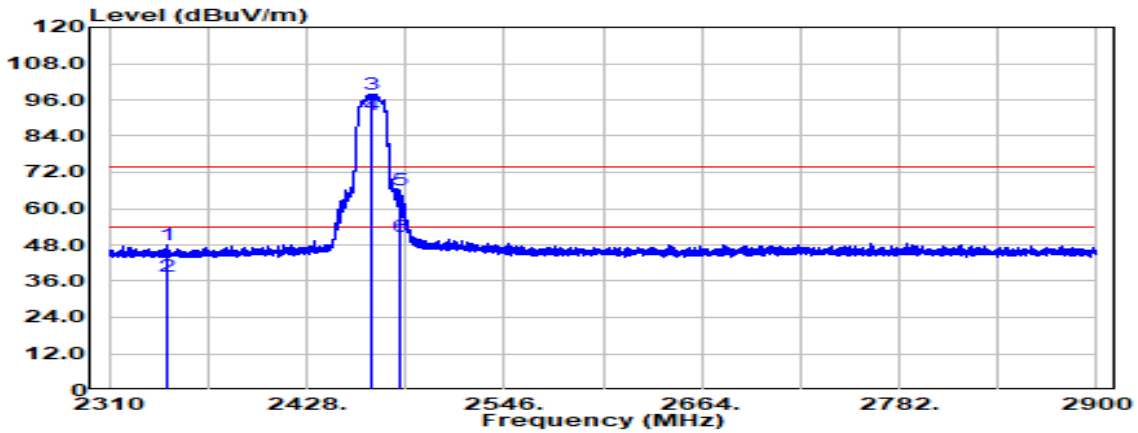
Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2360.976	Peak	39.94	7.67	47.61	74.00	-26.39
2360.976	Average	29.79	7.67	37.46	54.00	-16.54
2462.000	Peak	93.94	8.16	102.10	--	--
2462.000	Average	86.24	8.16	94.40	--	--
2484.050	Peak	56.35	8.26	64.61	74.00	-9.39
2484.050	Average	42.29	8.26	50.56	54.00	-3.44

Test Mode	IEEE 802.11g 2462 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Band Edge	Test Date	August 16, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



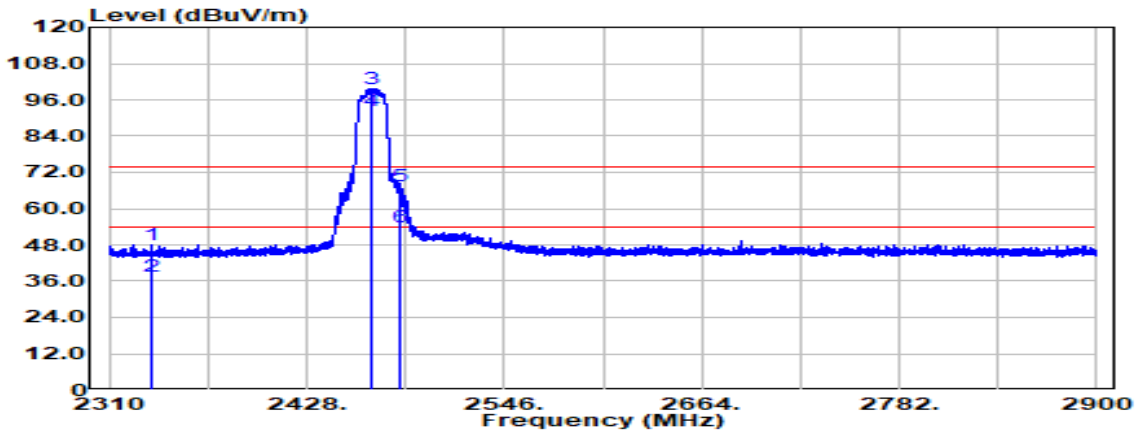
Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2387.88	Peak	40.46	7.75	48.21	74.00	-25.79
2387.88	Average	30.00	7.75	37.75	54.00	-16.25
2462.00	Peak	95.81	8.16	103.97	--	--
2462.00	Average	88.96	8.16	97.12	--	--
2483.50	Peak	57.61	8.26	65.87	74.00	-8.13
2483.50	Average	44.58	8.26	52.84	54.00	-1.16

Test Mode	IEEE 802.11g 2467 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Band Edge	Test Date	August 16, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



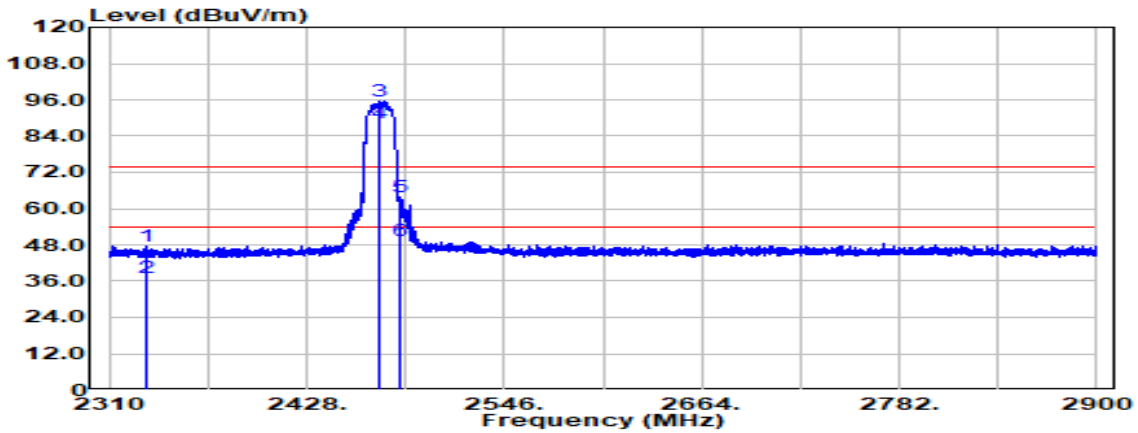
Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2344.220	Peak	40.29	7.63	47.92	74.00	-26.08
2344.220	Average	29.74	7.63	37.37	54.00	-16.63
2467.000	Peak	89.79	8.18	97.98	--	--
2467.000	Average	82.89	8.18	91.07	--	--
2483.500	Peak	57.81	8.26	66.07	74.00	-7.93
2483.500	Average	42.43	8.26	50.69	54.00	-3.31

Test Mode	IEEE 802.11g 2467 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Band Edge	Test Date	August 16, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



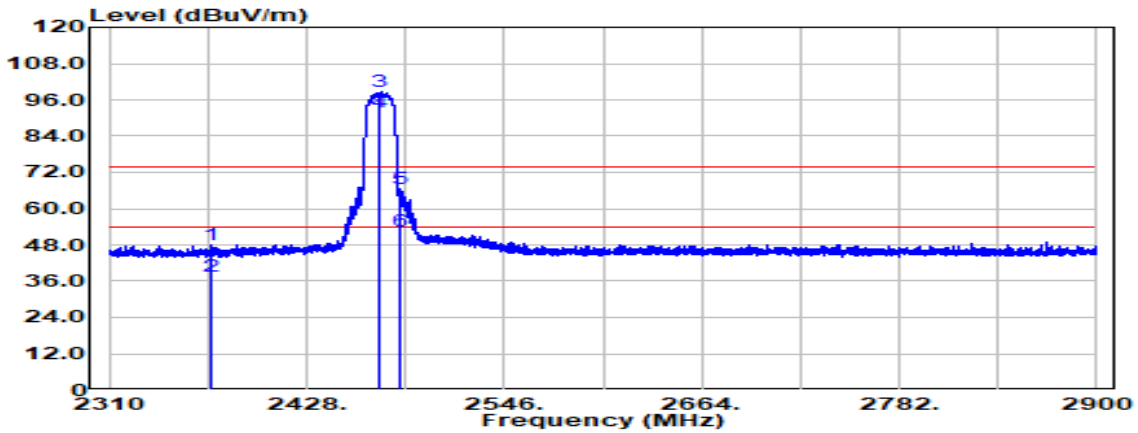
Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2334.780	Peak	40.31	7.62	47.93	74.00	-26.07
2334.780	Average	29.79	7.62	37.40	54.00	-16.60
2467.000	Peak	91.67	8.18	99.85	--	--
2467.000	Average	84.40	8.18	92.58	--	--
2483.578	Peak	59.29	8.26	67.55	74.00	-6.45
2483.578	Average	45.53	8.26	53.79	54.00	-0.21

Test Mode	IEEE 802.11g 2472 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Band Edge	Test Date	August 16, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



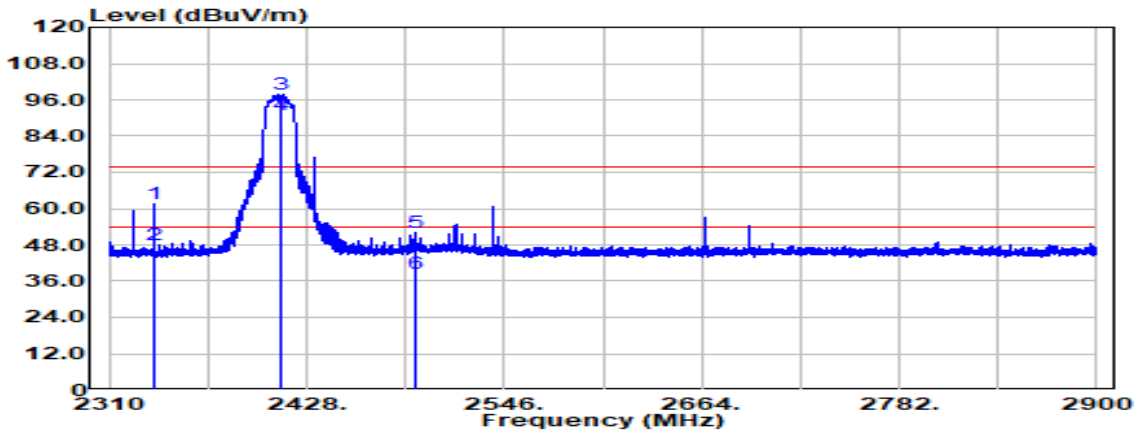
Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2332.066	Peak	39.76	7.61	47.38	74.00	-26.63
2332.066	Average	29.72	7.61	37.34	54.00	-16.66
2472.000	Peak	87.35	8.21	95.55	--	--
2472.000	Average	80.15	8.21	88.35	--	--
2484.404	Peak	55.69	8.27	63.95	74.00	-10.05
2484.404	Average	41.25	8.27	49.52	54.00	-4.48

Test Mode	IEEE 802.11g 2472 MHz	Temp/Hum	24.2(℃)/ 63%RH
Test Item	Band Edge	Test Date	August 16, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



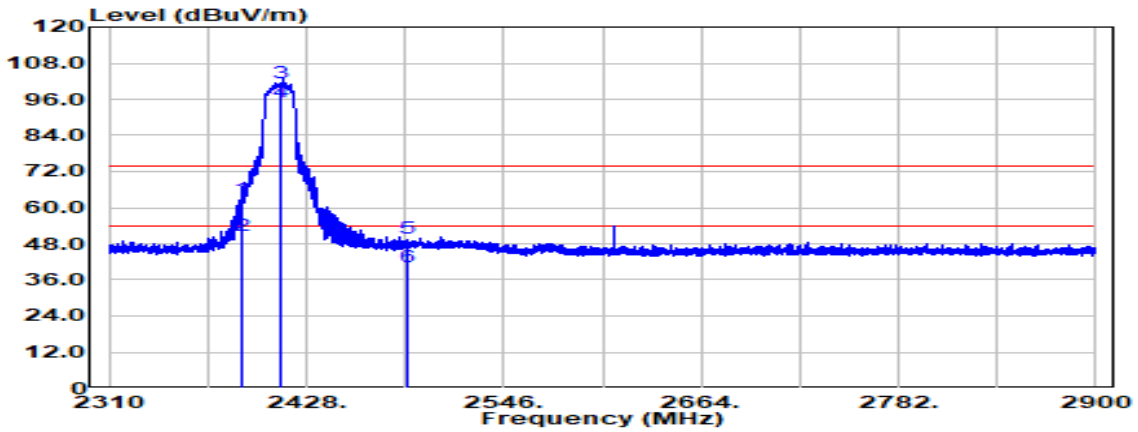
Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2370.888	Peak	40.50	7.70	48.20	74.00	-25.80
2370.888	Average	29.87	7.70	37.57	54.00	-16.43
2472.000	Peak	90.31	8.21	98.51	--	--
2472.000	Average	83.52	8.21	91.72	--	--
2483.500	Peak	58.20	8.26	66.46	74.00	-7.54
2483.500	Average	44.35	8.26	52.61	54.00	-1.39

Test Mode	IEEE 802.11n HT20 2412 MHz	Temp/Hum	24.5(℃)/ 63%RH
Test Item	Band Edge	Test Date	August 18, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak / Average		



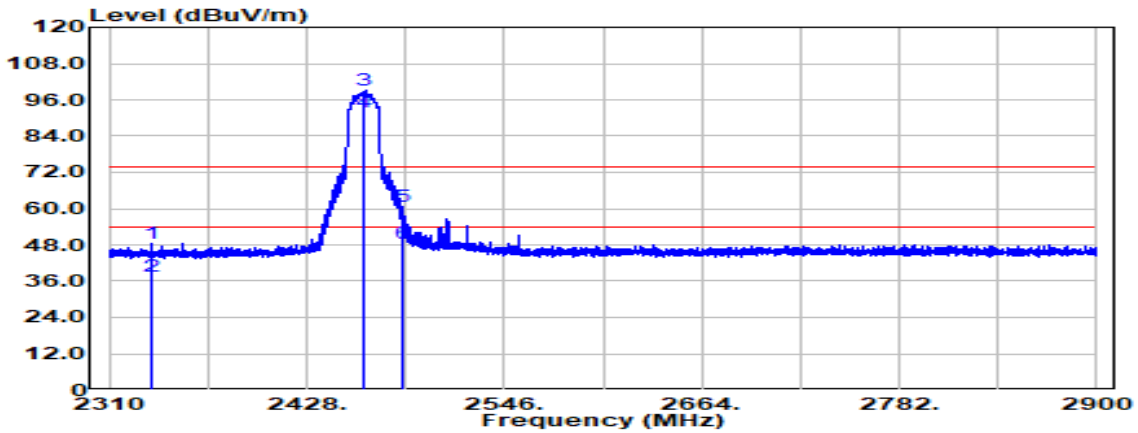
Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2337.494	Peak	54.18	7.62	61.80	74.00	-12.20
2337.494	Average	40.53	7.62	48.15	54.00	-5.85
2412.000	Peak	89.86	7.86	97.72	--	--
2412.000	Average	82.97	7.86	90.83	--	--
2492.428	Peak	43.73	8.30	52.04	74.00	-21.96
2492.428	Average	30.40	8.30	38.70	54.00	-15.30

Test Mode	IEEE 802.11n HT20 2412 MHz	Temp/Hum	24.5(℃)/ 63%RH
Test Item	Band Edge	Test Date	August 18, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak / Average		



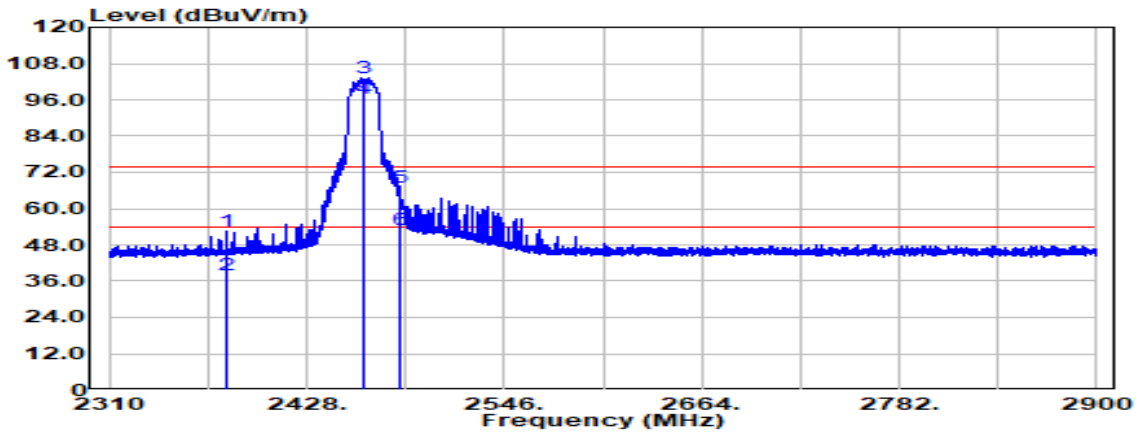
Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2389.41	Peak	55.09	7.75	62.84	74.00	-11.16
2389.41	Average	43.15	7.75	50.90	54.00	-3.10
2412.00	Peak	93.67	7.86	101.52	--	--
2412.00	Average	87.19	7.86	95.05	--	--
2488.06	Peak	41.53	8.28	49.82	74.00	-24.18
2488.06	Average	31.99	8.28	40.27	54.00	-13.73

Test Mode	IEEE 802.11n HT20 2462 MHz	Temp/Hum	24.5(℃)/ 63%RH
Test Item	Band Edge	Test Date	August 18, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak / Average		



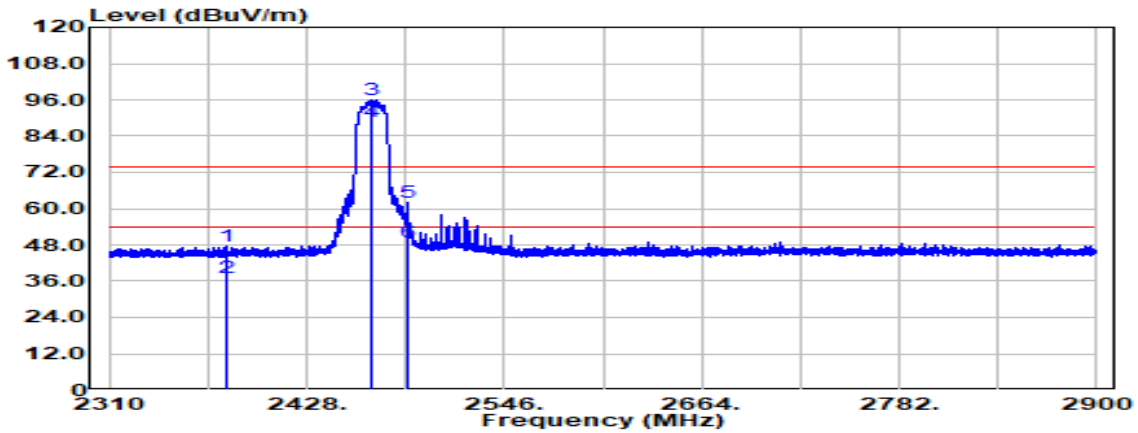
Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2335.370	Peak	40.90	7.62	48.52	74.00	-25.48
2335.370	Average	29.87	7.62	37.48	54.00	-16.52
2462.000	Peak	90.98	8.16	99.13	--	--
2462.000	Average	83.71	8.16	91.87	--	--
2484.994	Peak	52.35	8.27	60.62	74.00	-13.38
2484.994	Average	40.23	8.27	48.50	54.00	-5.50

Test Mode	IEEE 802.11n HT20 2462 MHz	Temp/Hum	24.5(℃)/ 63%RH
Test Item	Band Edge	Test Date	August 18, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak / Average		



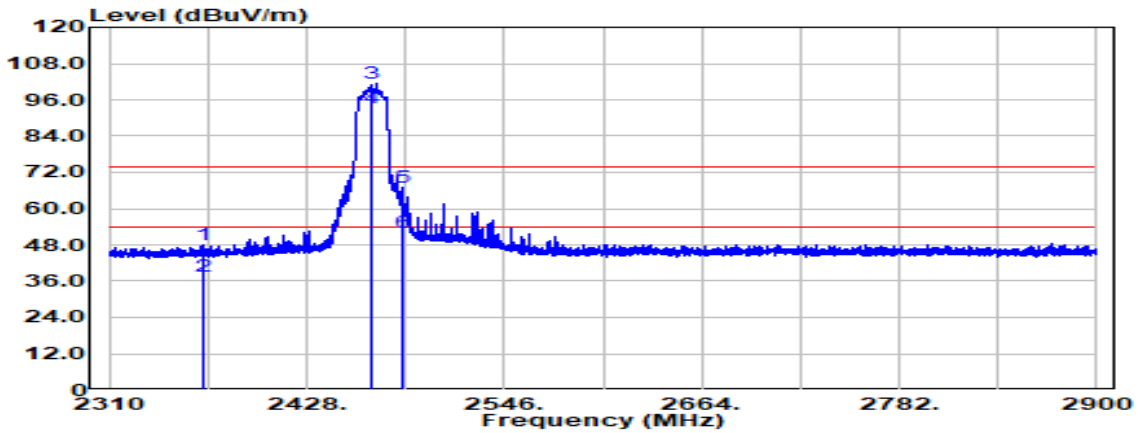
Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2380.210	Peak	44.79	7.72	52.52	74.00	-21.48
2380.210	Average	30.40	7.72	38.13	54.00	-15.87
2462.000	Peak	95.24	8.16	103.39	--	--
2462.000	Average	88.18	8.16	96.34	--	--
2483.696	Peak	58.83	8.26	67.10	74.00	-6.90
2483.696	Average	44.89	8.26	53.15	54.00	-0.85

Test Mode	IEEE 802.11n HT20 2467 MHz	Temp/Hum	24.5(℃)/ 63%RH
Test Item	Band Edge	Test Date	August 18, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak / Average		



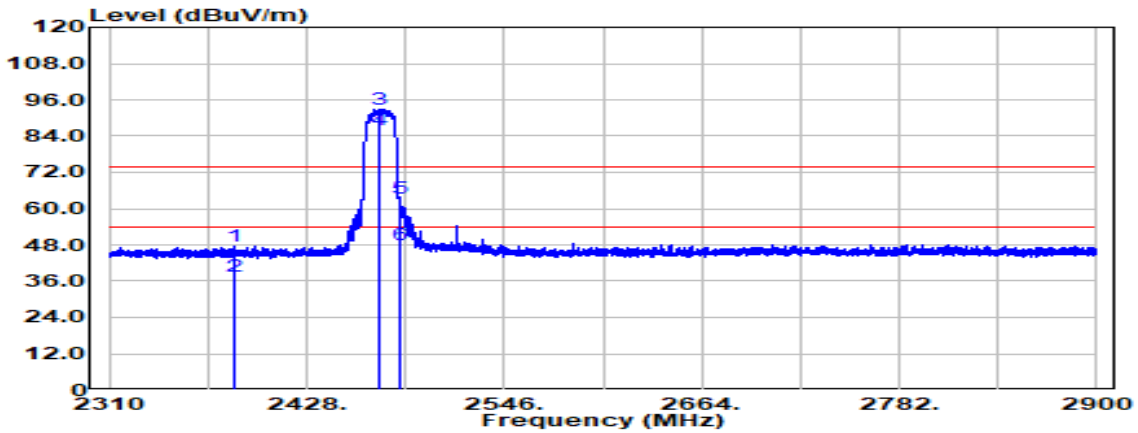
Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2380.564	Peak	39.66	7.73	47.39	74.00	-26.61
2380.564	Average	29.54	7.73	37.27	54.00	-16.73
2467.000	Peak	87.93	8.18	96.12	--	--
2467.000	Average	80.67	8.18	88.85	--	--
2488.416	Peak	53.94	8.28	62.23	74.00	-11.77
2488.416	Average	40.50	8.28	48.78	54.00	-5.22

Test Mode	IEEE 802.11n HT20 2467 MHz	Temp/Hum	24.5(℃)/ 63%RH
Test Item	Band Edge	Test Date	August 18, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak / Average		



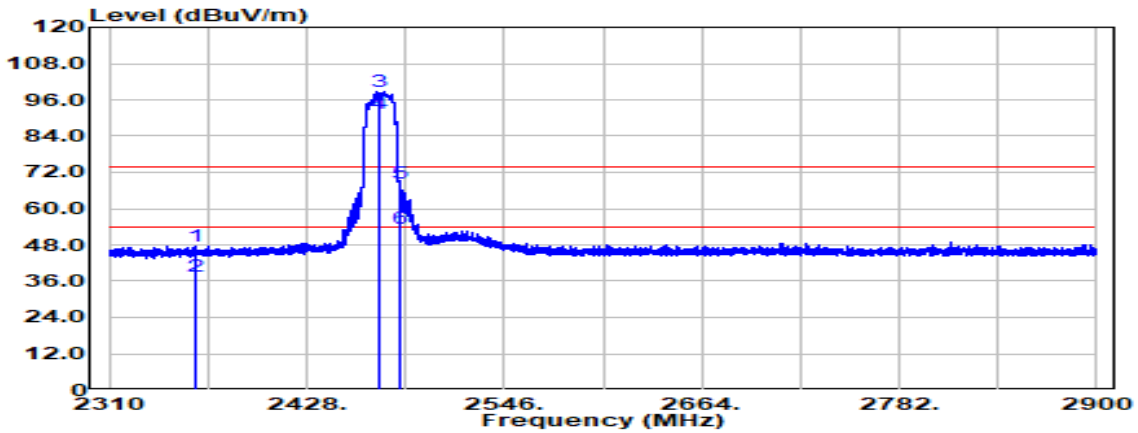
Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2366.876	Peak	40.12	7.69	47.81	74.00	-26.19
2366.876	Average	29.89	7.69	37.57	54.00	-16.43
2467.000	Peak	93.22	8.18	101.41	--	--
2467.000	Average	85.16	8.18	93.34	--	--
2485.112	Peak	58.93	8.27	67.20	74.00	-6.80
2485.112	Average	43.65	8.27	51.92	54.00	-2.08

Test Mode	IEEE 802.11n HT20 2472 MHz	Temp/Hum	24.5(℃)/ 63%RH
Test Item	Band Edge	Test Date	August 18, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak / Average		



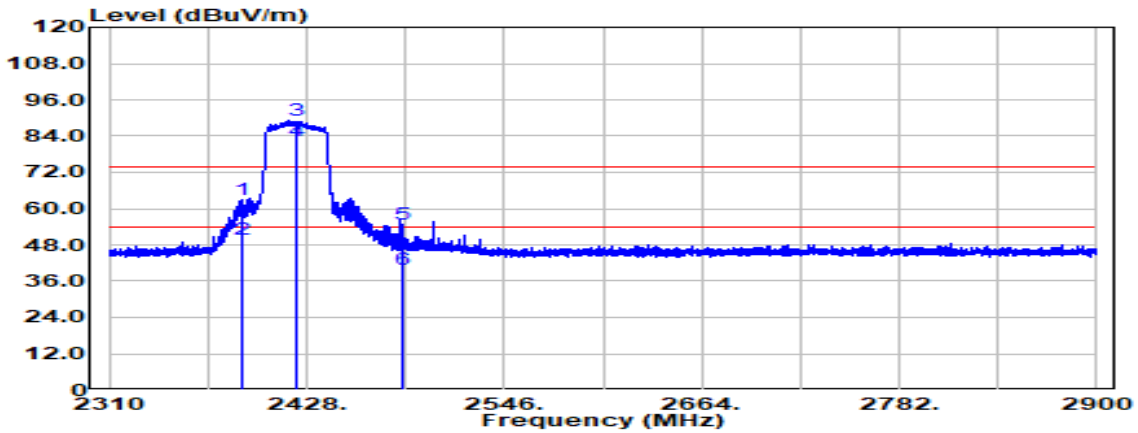
Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2384.576	Peak	39.61	7.74	47.34	74.00	-26.66
2384.576	Average	29.68	7.74	37.42	54.00	-16.58
2472.000	Peak	84.71	8.21	92.92	--	--
2472.000	Average	77.91	8.21	86.12	--	--
2483.500	Peak	55.31	8.26	63.57	74.00	-10.43
2483.500	Average	39.83	8.26	48.09	54.00	-5.91

Test Mode	IEEE 802.11n HT20 2472 MHz	Temp/Hum	24.5(℃)/ 63%RH
Test Item	Band Edge	Test Date	August 18, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak / Average		



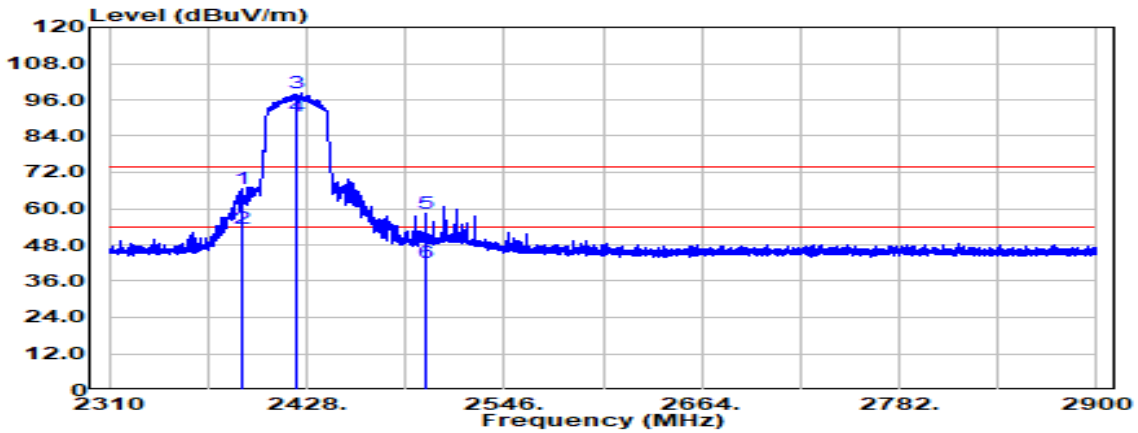
Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2362.156	Peak	39.93	7.67	47.61	74.00	-26.39
2362.156	Average	30.01	7.67	37.68	54.00	-16.32
2472.000	Peak	90.45	8.21	98.65	--	--
2472.000	Average	83.29	8.21	91.50	--	--
2483.500	Peak	60.23	8.26	68.49	74.00	-5.51
2483.500	Average	45.02	8.26	53.28	54.00	-0.72

Test Mode	IEEE 802.11n HT40 2422 MHz	Temp/Hum	24.5(℃)/ 63%RH
Test Item	Band Edge	Test Date	August 18, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



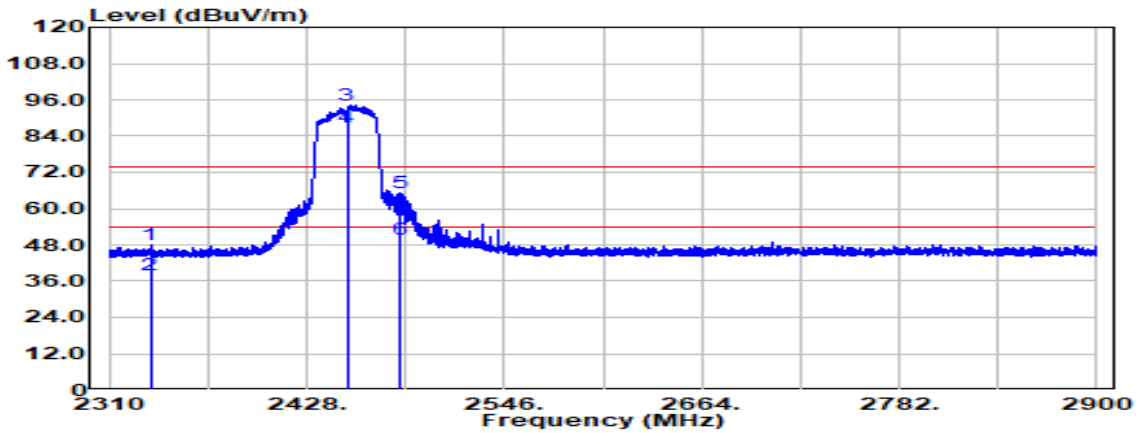
Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2389.768	Peak	55.20	7.75	62.96	74.00	-11.04
2389.768	Average	42.17	7.75	49.92	54.00	-4.08
2422.000	Peak	81.23	7.92	89.15	--	--
2422.000	Average	74.50	7.92	82.42	--	--
2485.820	Peak	46.47	8.27	54.74	74.00	-19.26
2485.820	Average	31.50	8.27	39.78	54.00	-14.22

Test Mode	IEEE 802.11n HT40 2422 MHz	Temp/Hum	24.5(℃)/ 63%RH
Test Item	Band Edge	Test Date	August 18, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



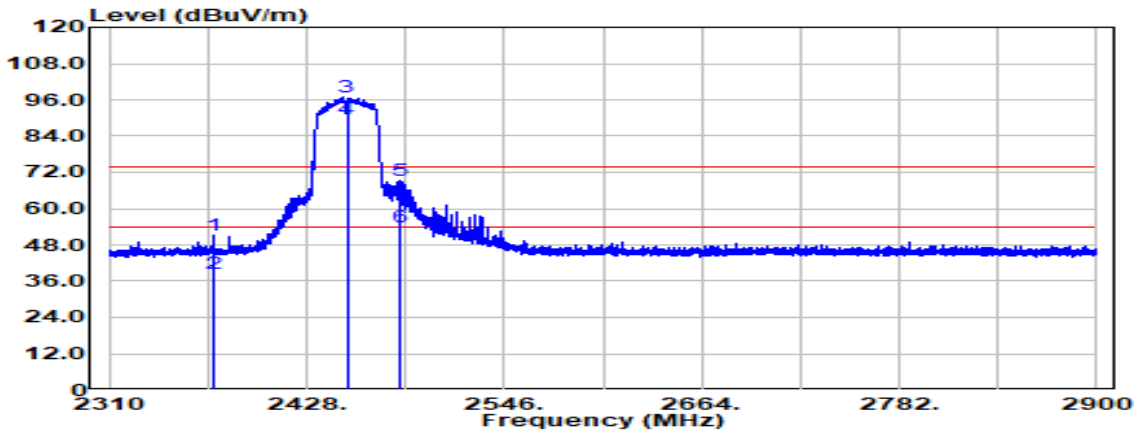
Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2389.650	Peak	58.79	7.75	66.54	74.00	-7.46
2389.650	Average	45.55	7.75	53.30	54.00	-0.70
2422.000	Peak	90.13	7.92	98.05	--	--
2422.000	Average	82.71	7.92	90.63	--	--
2498.682	Peak	50.30	8.33	58.64	74.00	-15.36
2498.682	Average	33.65	8.33	41.98	54.00	-12.02

Test Mode	IEEE 802.11n HT40 2452 MHz	Temp/Hum	24.5(℃)/ 63%RH
Test Item	Band Edge	Test Date	August 18, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



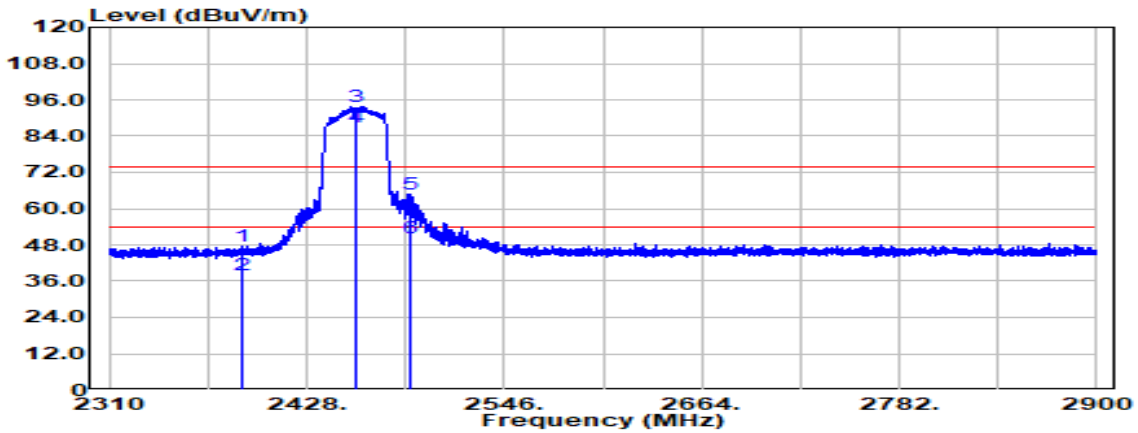
Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2334.544	Peak	40.43	7.62	48.04	74.00	-25.96
2334.544	Average	30.56	7.62	38.18	54.00	-15.82
2452.000	Peak	86.22	8.11	94.33	--	--
2452.000	Average	78.89	8.11	87.00	--	--
2483.578	Peak	56.73	8.26	64.99	74.00	-9.01
2483.578	Average	41.46	8.26	49.72	54.00	-4.28

Test Mode	IEEE 802.11n HT40 2452 MHz	Temp/Hum	24.5(℃)/ 63%RH
Test Item	Band Edge	Test Date	August 18, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



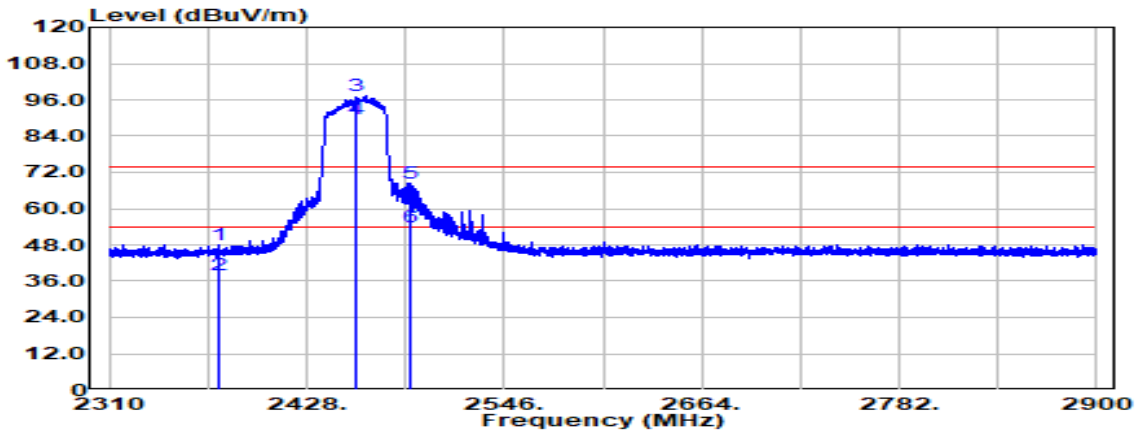
Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2372.186	Peak	43.50	7.70	51.20	74.00	-22.80
2372.186	Average	30.86	7.70	38.56	54.00	-15.44
2452.000	Peak	88.63	8.11	96.74	--	--
2452.000	Average	81.69	8.11	89.80	--	--
2484.286	Peak	60.92	8.26	69.19	74.00	-4.81
2484.286	Average	45.43	8.26	53.69	54.00	-0.31

Test Mode	IEEE 802.11n HT40 2457 MHz	Temp/Hum	24.5(℃)/ 63%RH
Test Item	Band Edge	Test Date	August 18, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



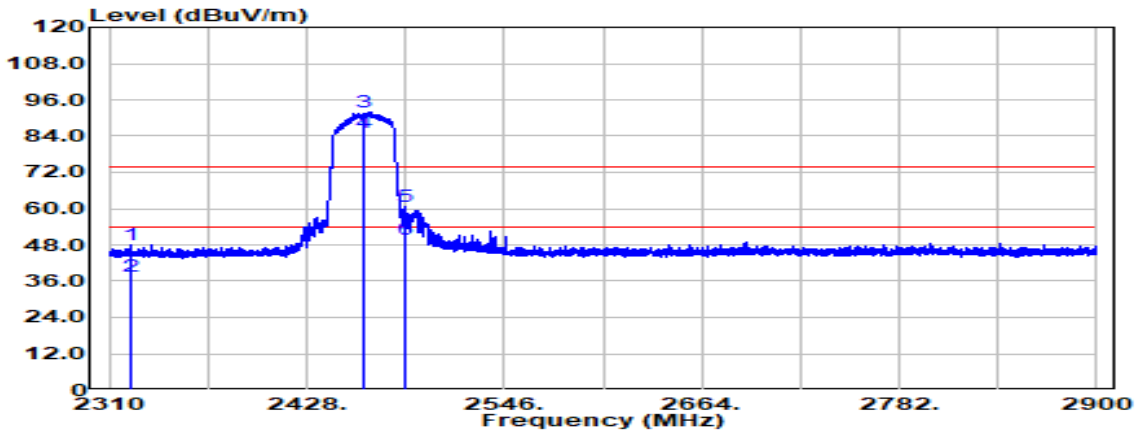
Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2388.706	Peak	39.94	7.75	47.69	74.00	-26.31
2388.706	Average	30.29	7.75	38.04	54.00	-15.96
2457.000	Peak	85.82	8.13	93.95	--	--
2457.000	Average	78.75	8.13	86.88	--	--
2489.714	Peak	56.28	8.29	64.57	74.00	-9.43
2489.714	Average	42.07	8.29	50.36	54.00	-3.64

Test Mode	IEEE 802.11n HT40 2457 MHz	Temp/Hum	24.5(℃)/ 63%RH
Test Item	Band Edge	Test Date	August 18, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



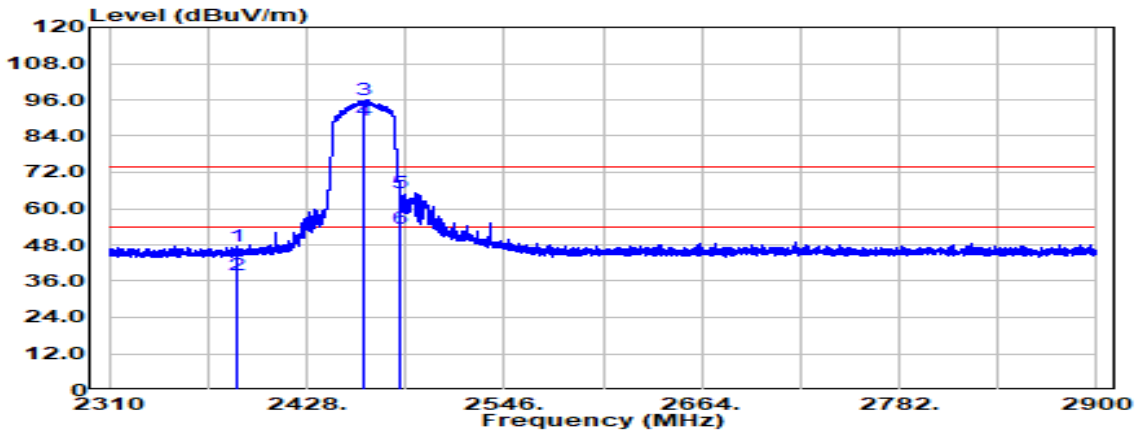
Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2375.018	Peak	40.36	7.71	48.07	74.00	-25.93
2375.018	Average	30.44	7.71	38.15	54.00	-15.85
2457.000	Peak	89.37	8.13	97.50	--	--
2457.000	Average	81.61	8.13	89.74	--	--
2489.714	Peak	60.15	8.29	68.44	74.00	-5.56
2489.714	Average	45.52	8.29	53.81	54.00	-0.19

Test Mode	IEEE 802.11n HT40 2462 MHz	Temp/Hum	24.5(℃)/ 63%RH
Test Item	Band Edge	Test Date	August 18, 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)
2323.570	Peak	40.43	7.60	48.03	74.00	-25.97
2323.570	Average	30.18	7.60	37.78	54.00	-16.22
2462.000	Peak	83.71	8.16	91.87	--	--
2462.000	Average	76.83	8.16	84.99	--	--
2486.528	Peak	52.36	8.28	60.64	74.00	-13.36
2486.528	Average	41.32	8.28	49.60	54.00	-4.40

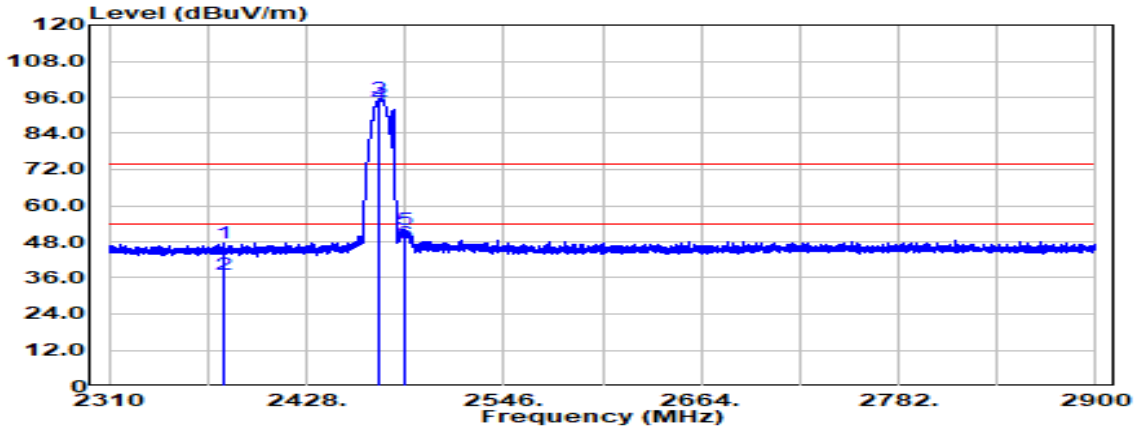
Test Mode	IEEE 802.11n HT40 2462 MHz	Temp/Hum	24.5(℃)/ 63%RH
Test Item	Band Edge	Test Date	August 18, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2386.936	Peak	39.94	7.74	47.68	74.00	-26.32
2386.936	Average	30.47	7.74	38.22	54.00	-15.78
2462.000	Peak	87.92	8.16	96.08	--	--
2462.000	Average	80.86	8.16	89.01	--	--
2483.578	Peak	57.04	8.26	65.31	74.00	-8.69
2483.578	Average	45.02	8.26	53.28	54.00	-0.72

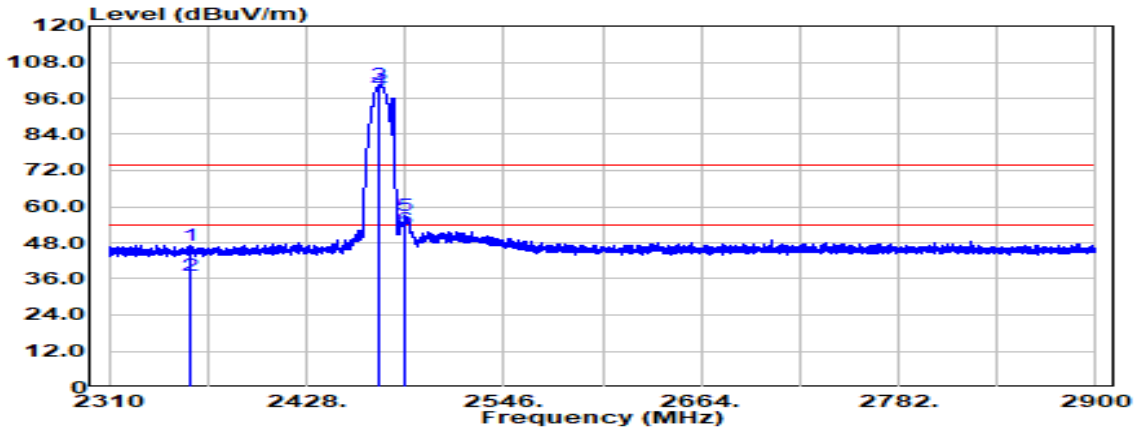
Simultaneously transmit system (WLAN+BT)

Test Mode	IEEE 802.11b/BT BR	Temp/Hum	24.6(℃)/ 64%RH
Test Item	Band Edge	Test Date	August 22, 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)
2378.204	Peak	40.01	7.72	47.73	74.00	-26.27
2378.204	Average	29.51	7.72	37.23	54.00	-16.77
2472.000	Peak	87.51	8.21	95.72	--	--
2472.000	Average	85.63	8.21	93.84	--	--
2487.118	Peak	43.97	8.28	52.25	74.00	-21.75
2487.118	Average	39.06	8.28	47.34	54.00	-6.66

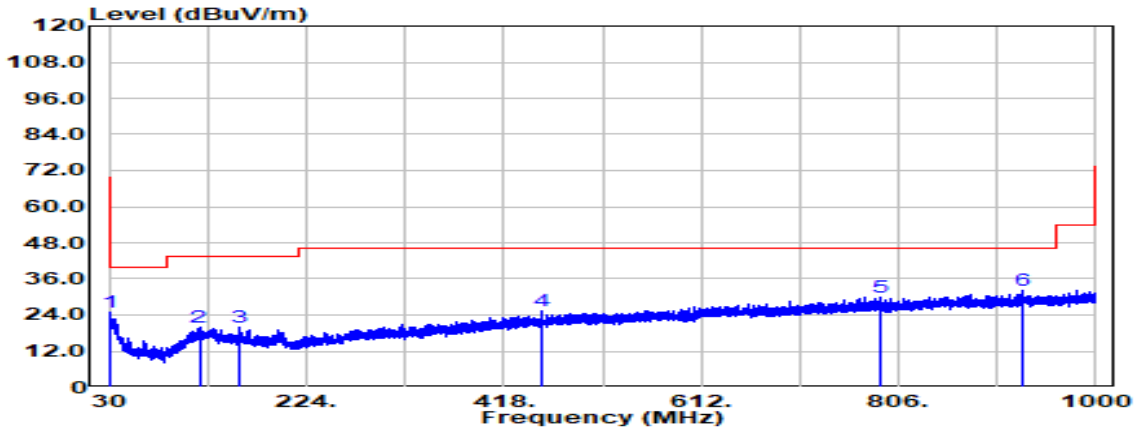
Test Mode	IEEE 802.11b/BT BR	Temp/Hum	24.6(℃)/ 64%RH
Test Item	Band Edge	Test Date	August 22, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak / Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2357.790	Peak	39.41	7.66	47.07	74.00	-26.93
2357.790	Average	29.69	7.66	37.35	54.00	-16.65
2472.000	Peak	92.32	8.21	100.53	--	--
2472.000	Average	90.50	8.21	98.71	--	--
2487.000	Peak	48.66	8.28	56.94	74.00	-17.06
2487.000	Average	44.03	8.28	52.31	54.00	-1.69

Below 1G Test Data

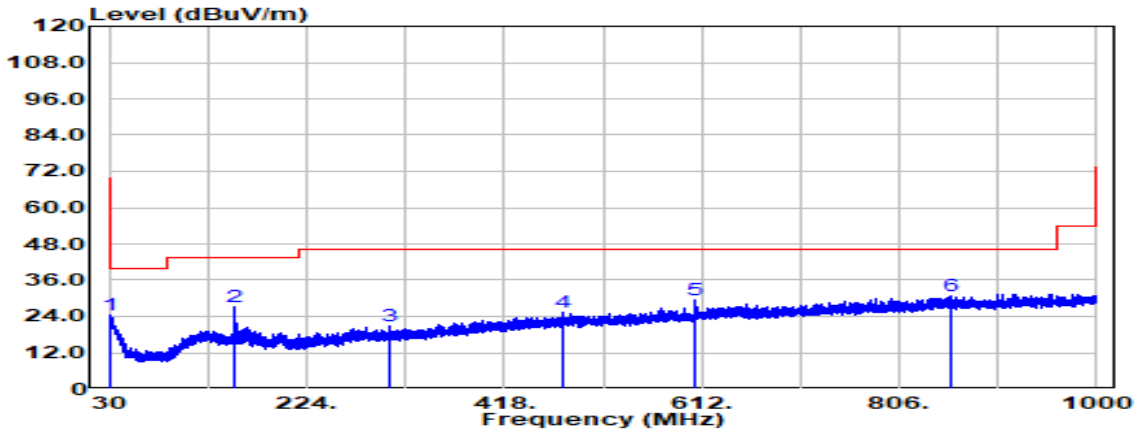
Test Mode	IEEE 802.11n HT40 2457 MHz	Temp/Hum	24.4(℃)/ 64%RH
Test Item	30MHz-1GHz	Test Date	August 22, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
30.121	Peak	28.05	-3.31	24.75	40.00	-15.25
118.634	Peak	29.29	-9.56	19.73	43.50	-23.77
158.646	Peak	30.93	-10.80	20.14	43.50	-23.36
454.496	Peak	29.87	-4.66	25.21	46.00	-20.79
788.419	Peak	29.10	1.01	30.11	46.00	-15.89
928.705	Peak	29.04	3.14	32.18	46.00	-13.82

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

Test Mode	IEEE 802.11n HT40 2457 MHz	Temp/Hum	24.4(℃)/ 64%RH
Test Item	30MHz-1GHz	Test Date	August 22, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak		

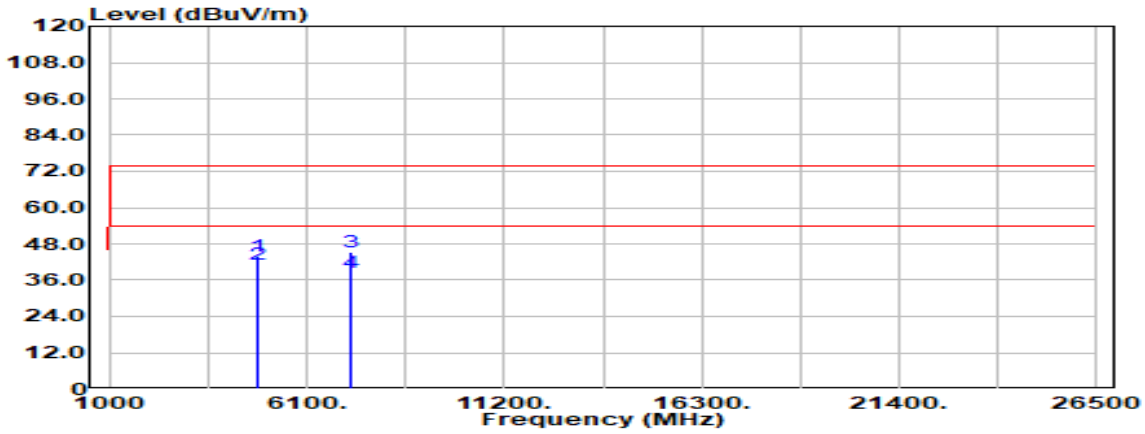


Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
30.121	Peak	27.55	-3.31	24.24	40.00	-15.76
154.160	Peak	37.87	-10.71	27.16	43.50	-16.34
306.571	Peak	29.52	-8.67	20.85	46.00	-25.15
476.806	Peak	29.37	-3.89	25.48	46.00	-20.52
606.059	Peak	31.74	-2.30	29.44	46.00	-16.56
857.531	Peak	28.87	2.04	30.90	46.00	-15.10

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

Above 1G Test Data

Test Mode	IEEE 802.11b 2412 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 19, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		

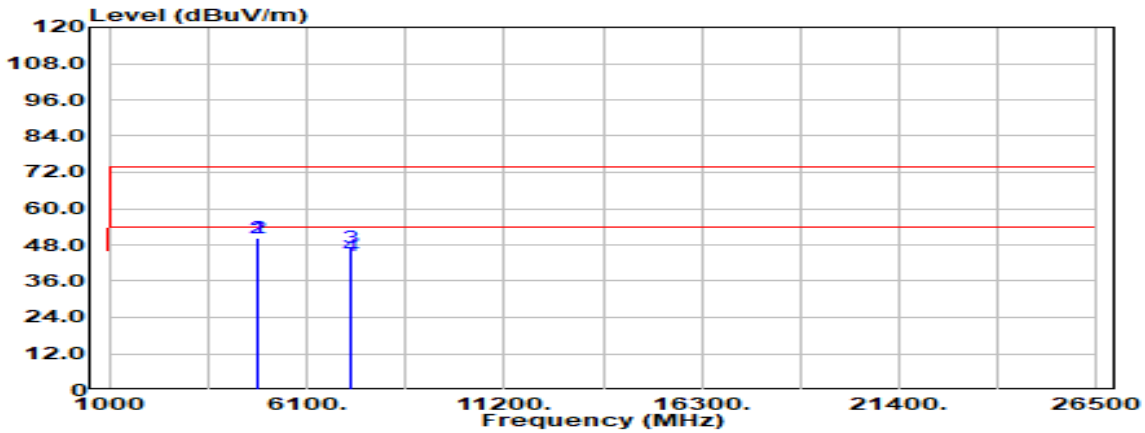


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4824.000	Peak	38.09	5.90	43.98	74.00	-30.02
4824.000	Average	35.52	5.90	41.42	54.00	-12.58
7236.000	Peak	31.78	13.31	45.09	74.00	-28.91
7236.000	Average	25.07	13.31	38.38	54.00	-15.62
N/A						

Remark:

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

Test Mode	IEEE 802.11b 2412 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 19, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		

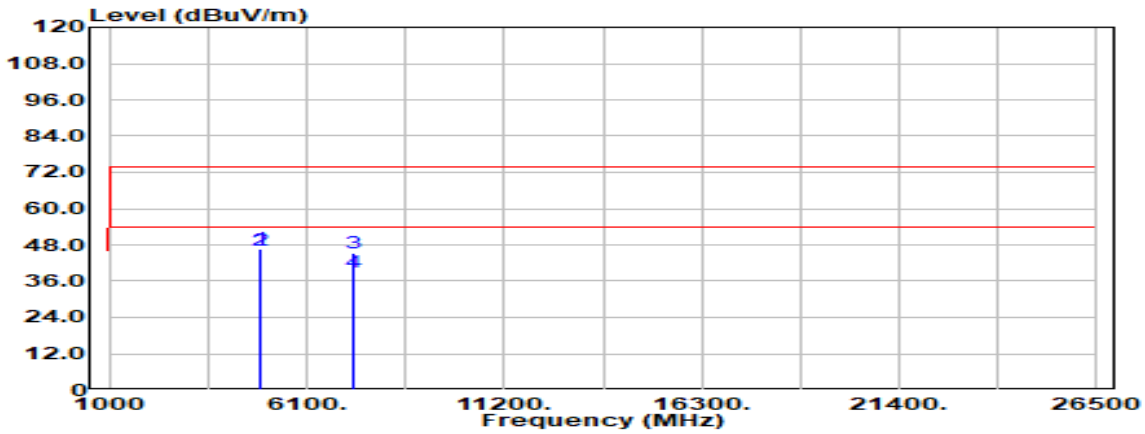


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4824.000	Peak	44.37	5.90	50.27	74.00	-23.73
4824.000	Average	44.19	5.90	50.09	54.00	-3.91
7236.000	Peak	33.81	13.31	47.12	74.00	-26.88
7236.000	Average	31.10	13.31	44.41	54.00	-9.59
N/A						

Remark:

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

Test Mode	IEEE 802.11b 2437 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 19, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		

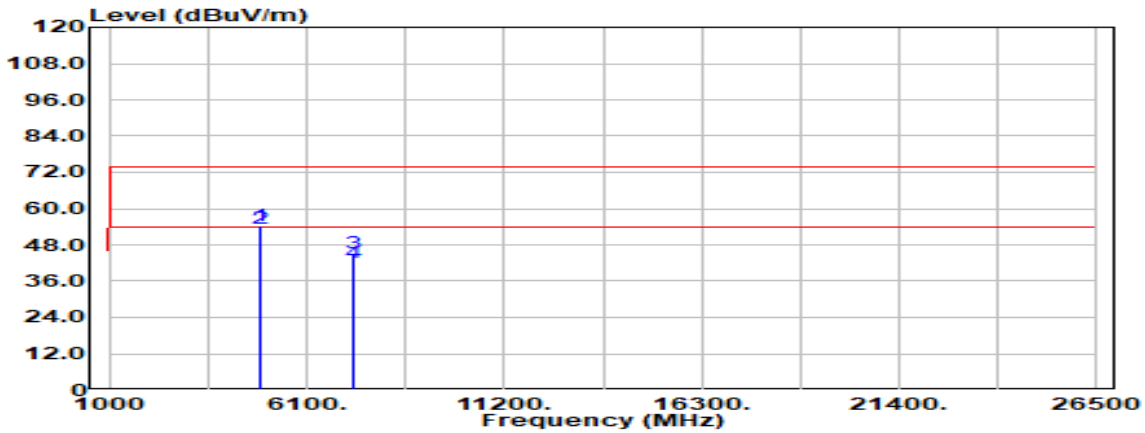


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4874.000	Peak	40.47	6.09	46.56	74.00	-27.44
4874.000	Average	39.92	6.09	46.01	54.00	-7.99
7311.000	Peak	31.82	13.33	45.15	74.00	-28.85
7311.000	Average	25.75	13.33	39.08	54.00	-14.92
N/A						

Remark:

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

Test Mode	IEEE 802.11b 2437 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 19, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		

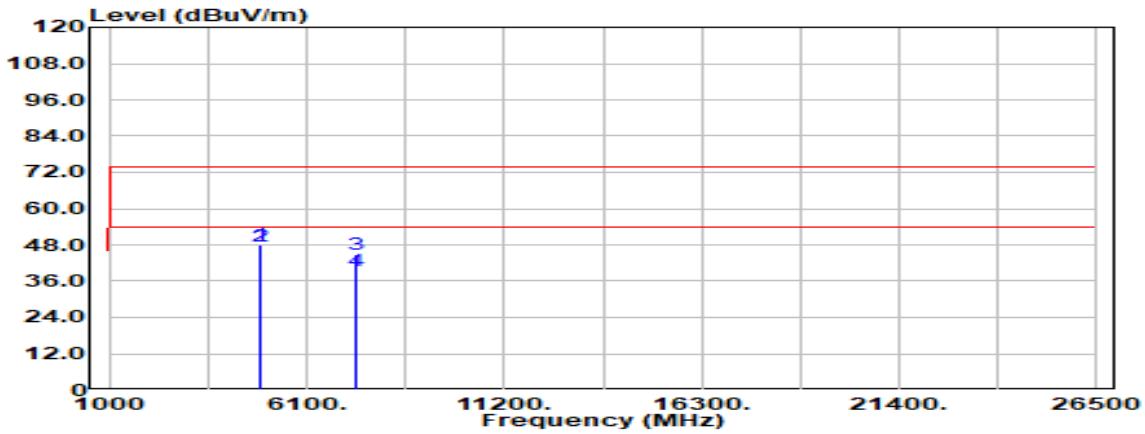


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4874.000	Peak	48.13	6.09	54.22	74.00	-19.78
4874.000	Average	47.43	6.09	53.52	54.00	-0.48
7311.000	Peak	31.90	13.33	45.23	74.00	-28.77
7311.000	Average	28.70	13.33	42.03	54.00	-11.97
N/A						

Remark:

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

Test Mode	IEEE 802.11b 2462 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 19, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		

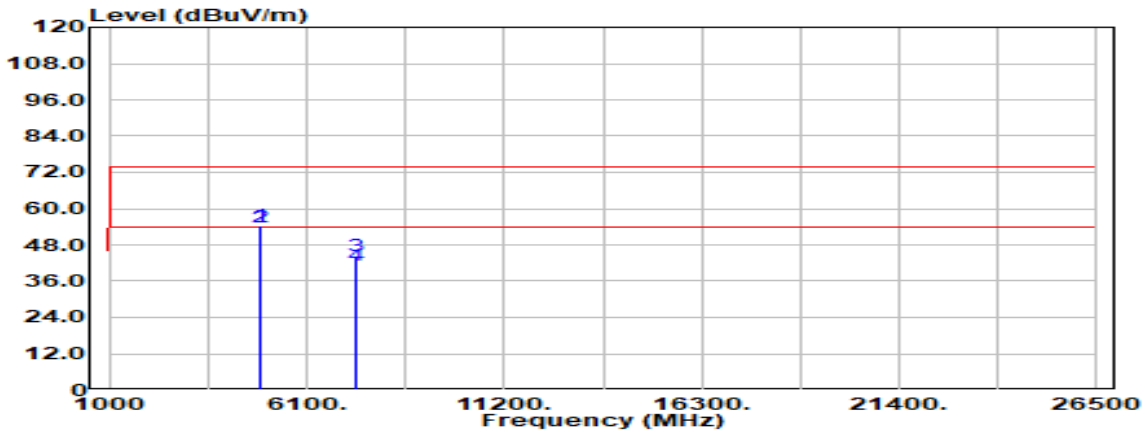


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4924.000	Peak	41.38	6.53	47.91	74.00	-26.09
4924.000	Average	40.91	6.53	47.44	54.00	-6.56
7386.000	Peak	31.39	13.33	44.72	74.00	-29.28
7386.000	Average	26.08	13.33	39.41	54.00	-14.59
N/A						

Remark:

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

Test Mode	IEEE 802.11b 2462 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 19, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		

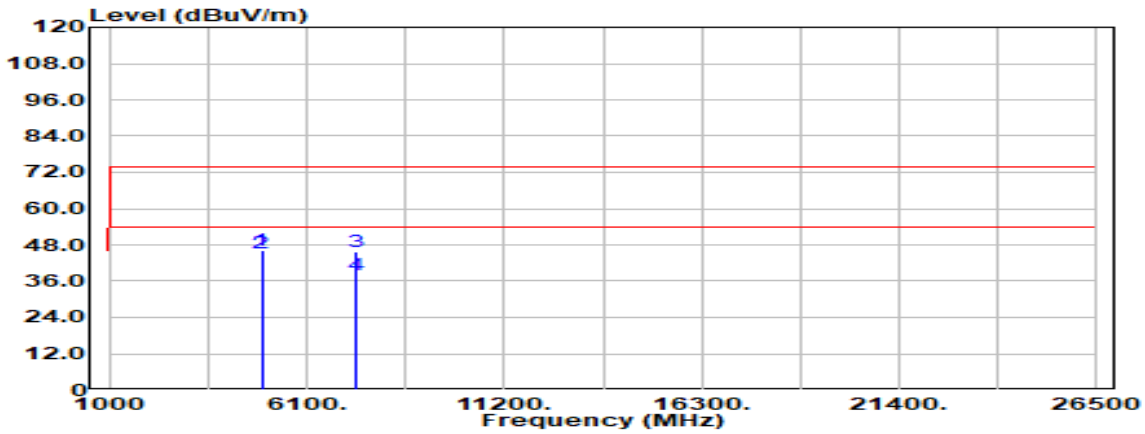


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4924.000	Peak	48.02	6.53	54.55	74.00	-19.45
4924.000	Average	47.15	6.53	53.68	54.00	-0.32
7386.000	Peak	31.25	13.33	44.58	74.00	-29.42
7386.000	Average	27.83	13.33	41.16	54.00	-12.84
N/A						

Remark:

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

Test Mode	IEEE 802.11b 2467 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 19, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		

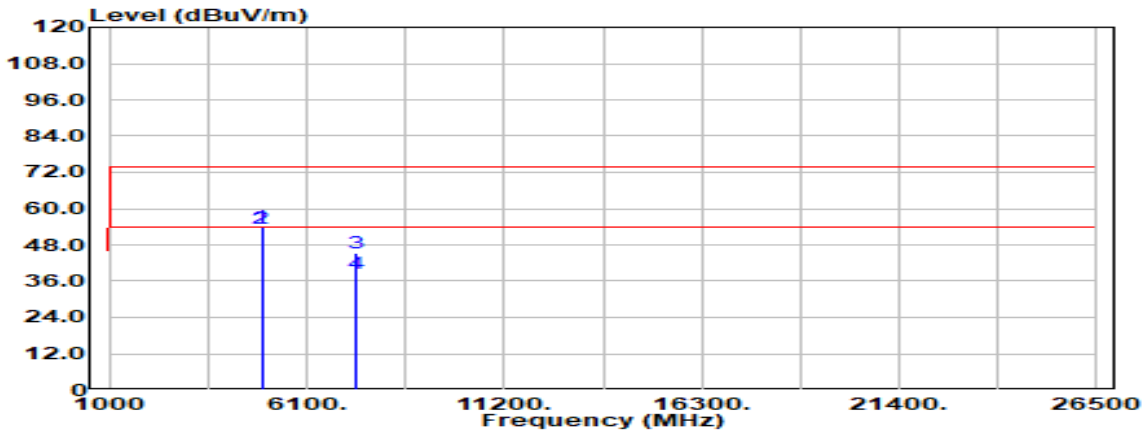


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4934.000	Peak	39.62	6.64	46.26	74.00	-27.74
4934.000	Average	38.77	6.64	45.41	54.00	-8.59
7401.000	Peak	32.39	13.30	45.69	74.00	-28.31
7401.000	Average	24.54	13.30	37.84	54.00	-16.16
N/A						

Remark:

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

Test Mode	IEEE 802.11b 2467 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 19, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		

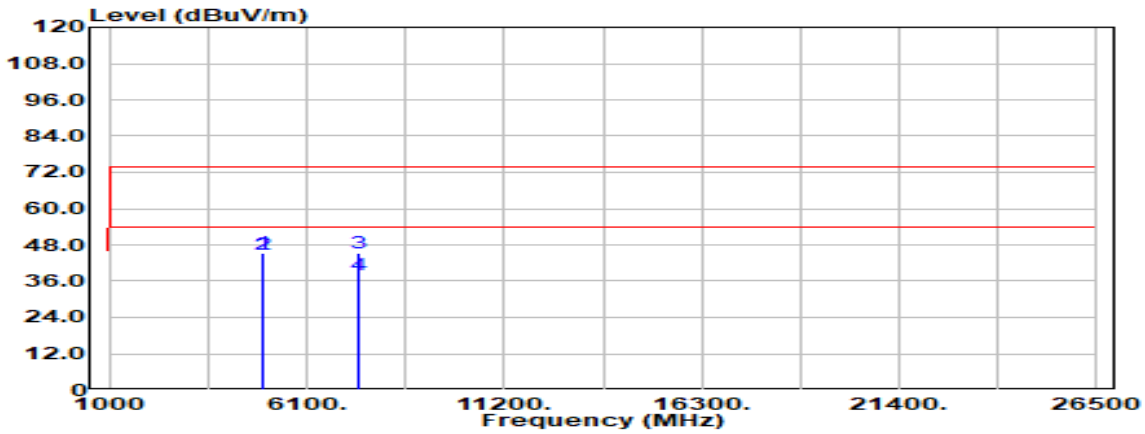


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4934.000	Peak	47.28	6.64	53.92	74.00	-20.08
4934.000	Average	46.82	6.64	53.46	54.00	-0.54
7401.000	Peak	32.16	13.30	45.46	74.00	-28.54
7401.000	Average	24.98	13.30	38.28	54.00	-15.72
N/A						

Remark:

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

Test Mode	IEEE 802.11b 2472 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 19, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		

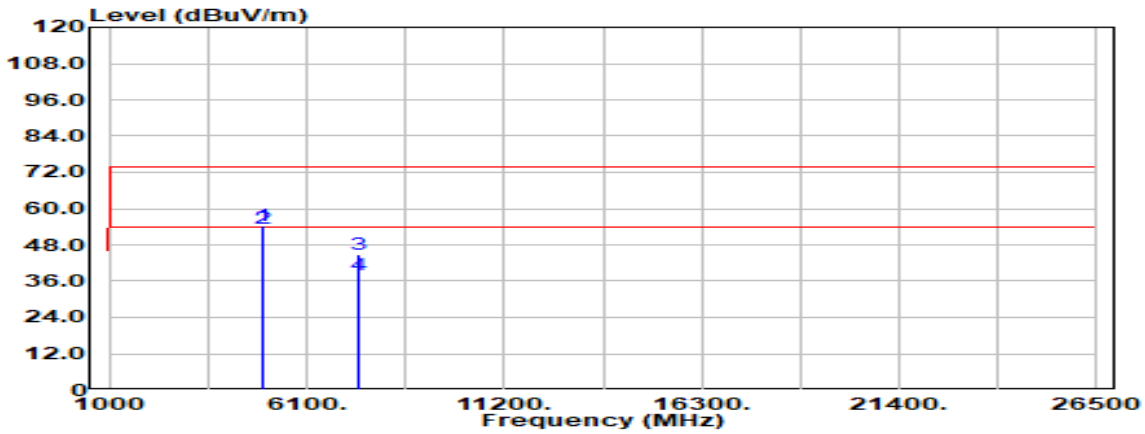


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4944.000	Peak	38.32	6.76	45.08	74.00	-28.92
4944.000	Average	37.98	6.76	44.74	54.00	-9.26
7416.000	Peak	32.21	13.27	45.47	74.00	-28.53
7416.000	Average	24.62	13.27	37.88	54.00	-16.12
N/A						

Remark:

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

Test Mode	IEEE 802.11b 2472 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 19, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		

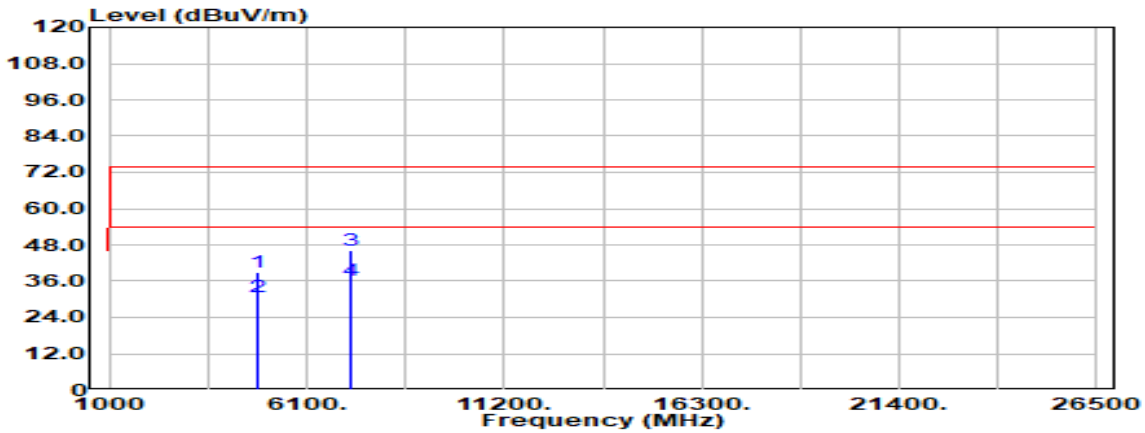


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4944.000	Peak	47.47	6.76	54.23	74.00	-19.77
4944.000	Average	46.84	6.76	53.60	54.00	-0.40
7416.000	Peak	31.43	13.27	44.69	74.00	-29.31
7416.000	Average	24.79	13.27	38.06	54.00	-15.94
N/A						

Remark:

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

Test Mode	IEEE 802.11g 2412 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 19, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		

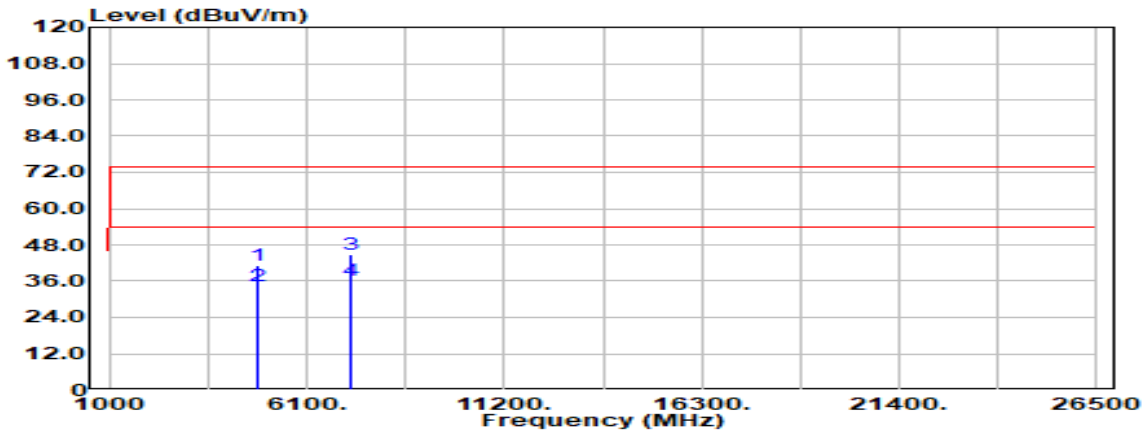


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4824.000	Peak	33.09	5.90	38.99	74.00	-35.01
4824.000	Average	24.81	5.90	30.71	54.00	-23.29
7236.000	Peak	32.71	13.31	46.02	74.00	-27.98
7236.000	Average	23.03	13.31	36.35	54.00	-17.65
N/A						

Remark:

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

Test Mode	IEEE 802.11g 2412 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 19, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		

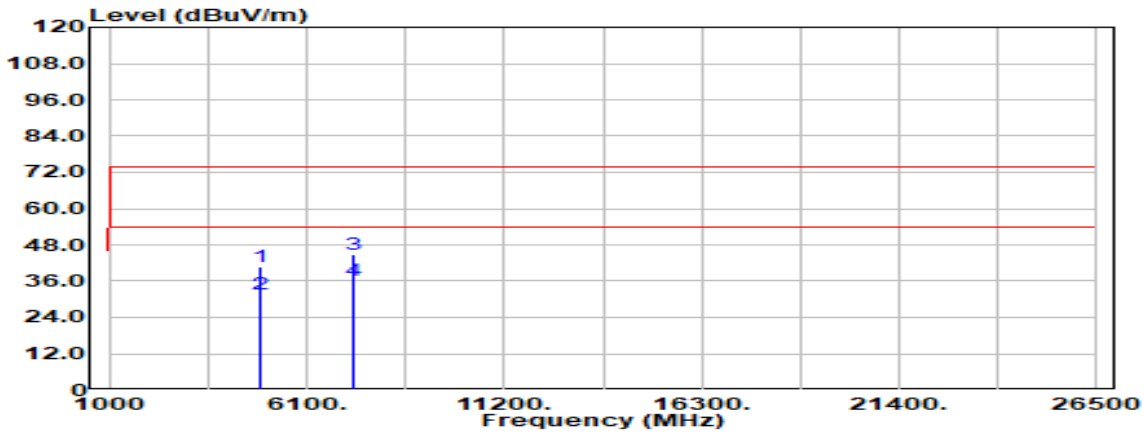


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4824.000	Peak	35.17	5.90	41.07	74.00	-32.93
4824.000	Average	28.40	5.90	34.30	54.00	-19.70
7236.000	Peak	31.72	13.31	45.03	74.00	-28.97
7236.000	Average	22.89	13.31	36.21	54.00	-17.79
N/A						

Remark:

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

Test Mode	IEEE 802.11g 2437 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 19, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		

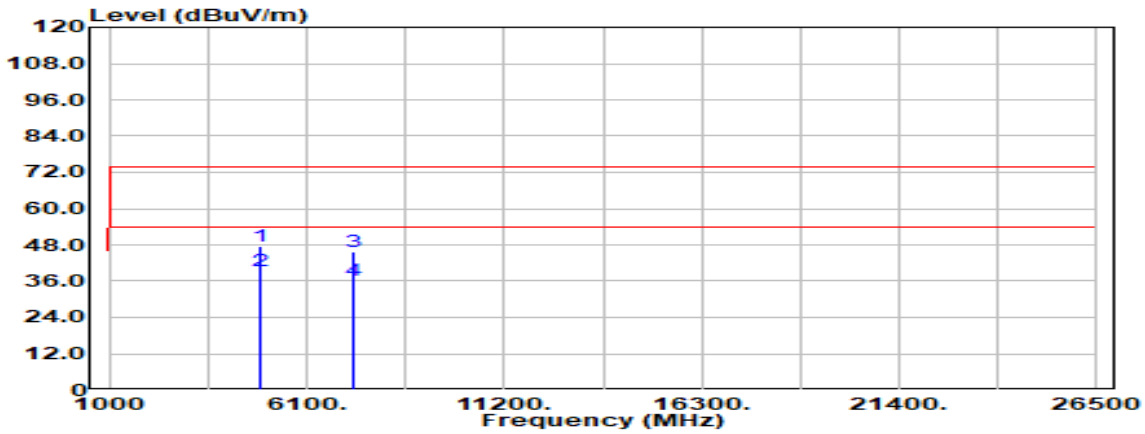


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4874.000	Peak	34.52	6.09	40.61	74.00	-33.39
4874.000	Average	25.77	6.09	31.86	54.00	-22.14
7311.000	Peak	31.53	13.33	44.86	74.00	-29.14
7311.000	Average	22.74	13.33	36.08	54.00	-17.92
N/A						

Remark:

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

Test Mode	IEEE 802.11g 2437 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 19, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		

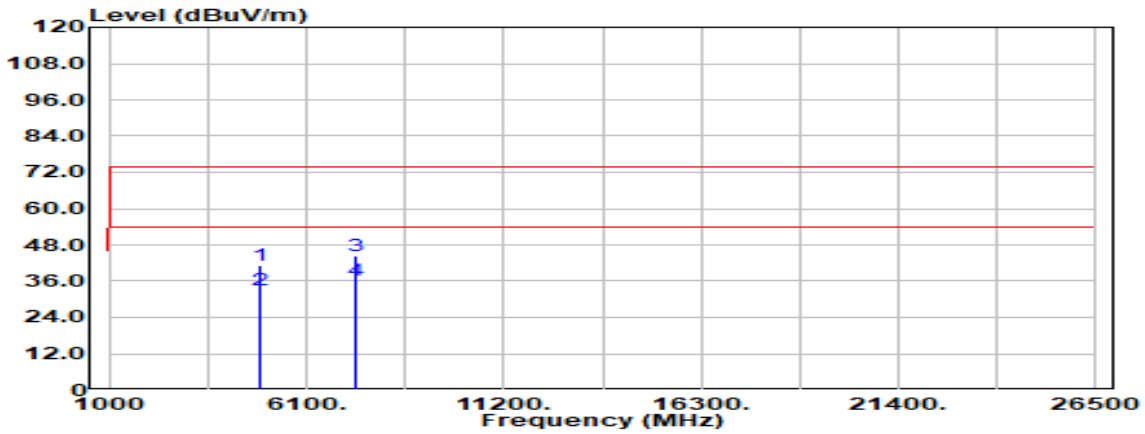


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4874.000	Peak	41.31	6.09	47.40	74.00	-26.60
4874.000	Average	33.20	6.09	39.29	54.00	-14.71
7311.000	Peak	32.29	13.33	45.62	74.00	-28.38
7311.000	Average	22.85	13.33	36.18	54.00	-17.82
N/A						

Remark:

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

Test Mode	IEEE 802.11g 2462 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 19, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		

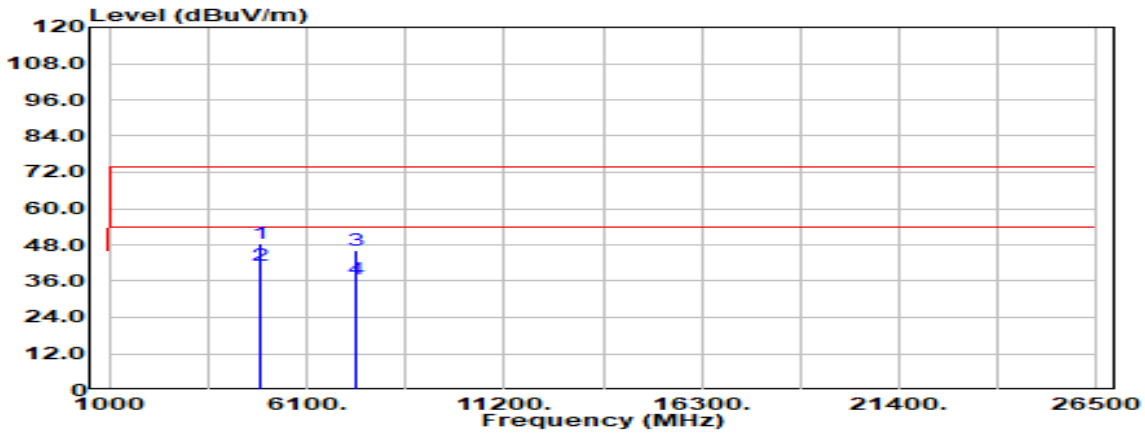


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4924.000	Peak	34.51	6.53	41.04	74.00	-32.96
4924.000	Average	26.36	6.53	32.89	54.00	-21.11
7386.000	Peak	31.18	13.33	44.52	74.00	-29.48
7386.000	Average	23.00	13.33	36.33	54.00	-17.67
N/A						

Remark:

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

Test Mode	IEEE 802.11g 2462 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 19, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		

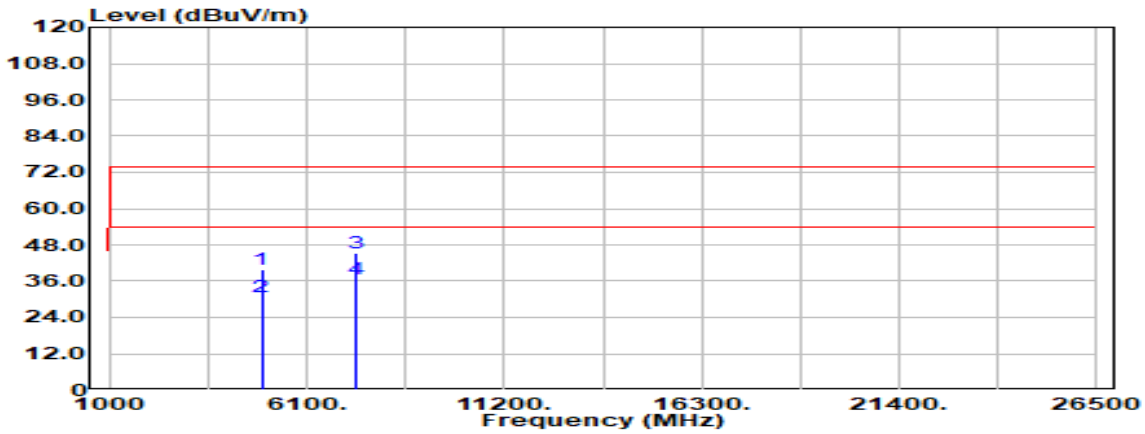


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4924.000	Peak	41.88	6.53	48.41	74.00	-25.59
4924.000	Average	34.81	6.53	41.34	54.00	-12.66
7386.000	Peak	33.05	13.33	46.38	74.00	-27.62
7386.000	Average	23.33	13.33	36.66	54.00	-17.34
N/A						

Remark:

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

Test Mode	IEEE 802.11g 2467 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 19, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		

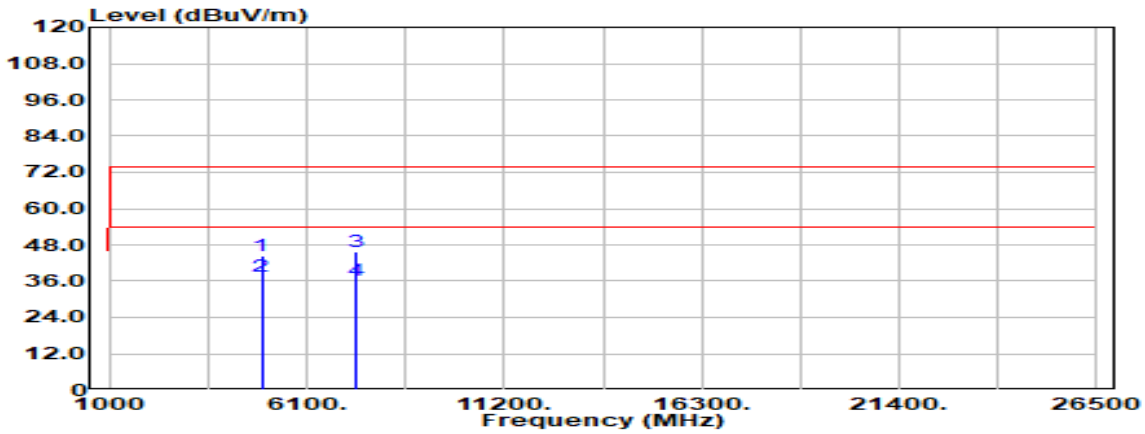


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4934.000	Peak	33.19	6.64	39.83	74.00	-34.17
4934.000	Average	24.36	6.64	31.00	54.00	-23.00
7401.000	Peak	32.03	13.30	45.33	74.00	-28.67
7401.000	Average	23.20	13.30	36.49	54.00	-17.51
N/A						

Remark:

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

Test Mode	IEEE 802.11g 2467 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 19, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		

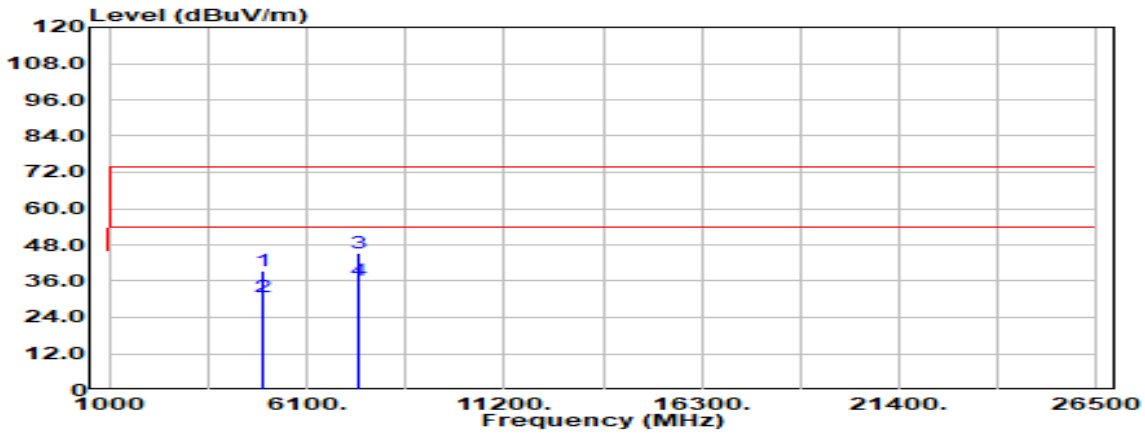


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4934.000	Peak	37.62	6.64	44.26	74.00	-29.74
4934.000	Average	30.91	6.64	37.56	54.00	-16.44
7401.000	Peak	32.46	13.30	45.76	74.00	-28.24
7401.000	Average	22.99	13.30	36.28	54.00	-17.72
N/A						

Remark:

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

Test Mode	IEEE 802.11g 2472 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 19, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		

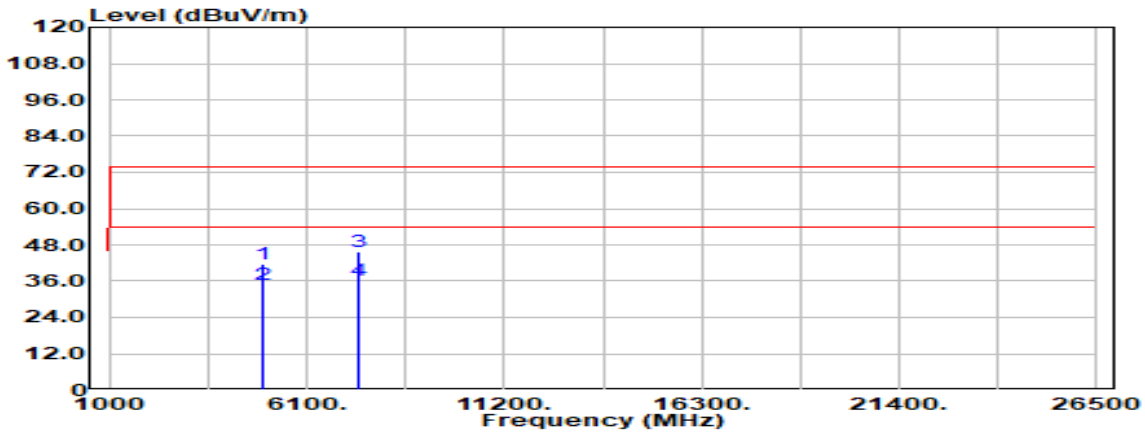


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4944.000	Peak	32.56	6.76	39.32	74.00	-34.68
4944.000	Average	23.86	6.76	30.62	54.00	-23.38
7416.000	Peak	31.80	13.27	45.07	74.00	-28.93
7416.000	Average	23.13	13.27	36.40	54.00	-17.60
N/A						

Remark:

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

Test Mode	IEEE 802.11g 2472 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 19, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		

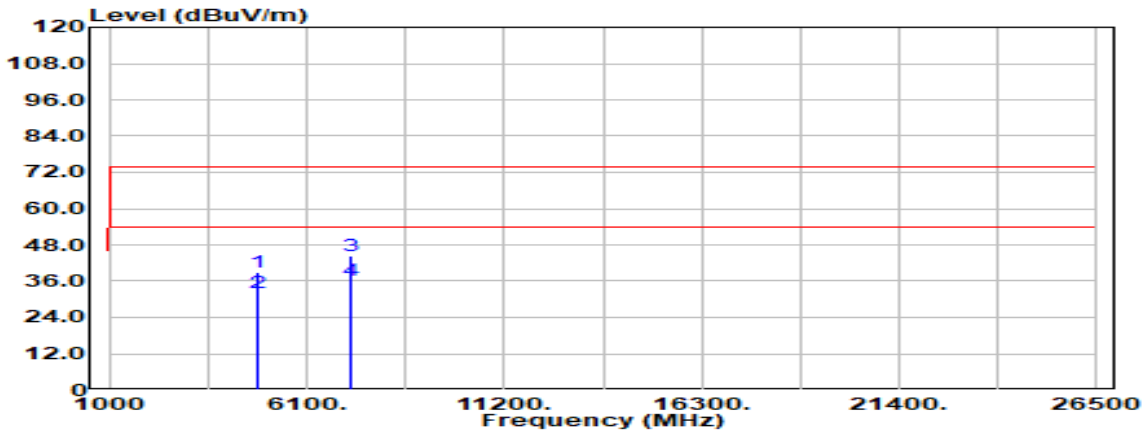


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4944.000	Peak	34.71	6.76	41.47	74.00	-32.53
4944.000	Average	27.93	6.76	34.69	54.00	-19.31
7416.000	Peak	32.61	13.27	45.87	74.00	-28.13
7416.000	Average	23.15	13.27	36.42	54.00	-17.58
N/A						

Remark:

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

Test Mode	IEEE 802.11n HT20 2412 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 19, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		

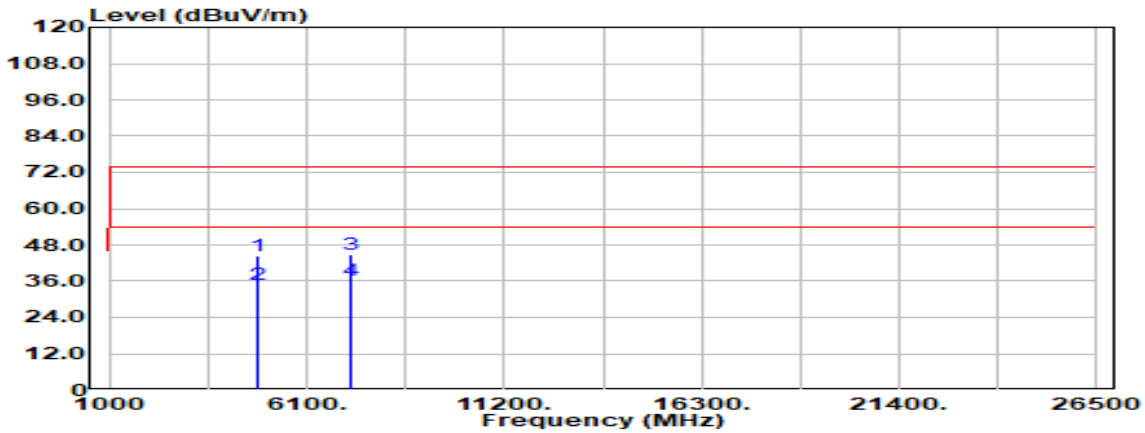


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4824.000	Peak	33.04	5.90	38.94	74.00	-35.06
4824.000	Average	26.16	5.90	32.06	54.00	-21.94
7236.000	Peak	30.98	13.31	44.29	74.00	-29.71
7236.000	Average	22.99	13.31	36.30	54.00	-17.70
N/A						

Remark:

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

Test Mode	IEEE 802.11n HT20 2412 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 19, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		

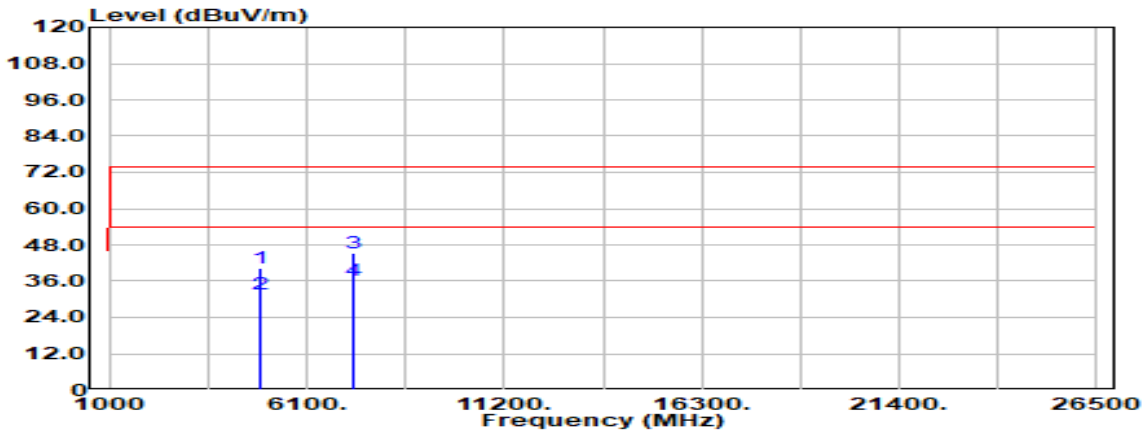


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4824.000	Peak	38.59	5.90	44.49	74.00	-29.51
4824.000	Average	28.92	5.90	34.82	54.00	-19.18
7236.000	Peak	31.38	13.31	44.69	74.00	-29.31
7236.000	Average	22.90	13.31	36.22	54.00	-17.78
N/A						

Remark:

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

Test Mode	IEEE 802.11n HT20 2437 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 20, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		

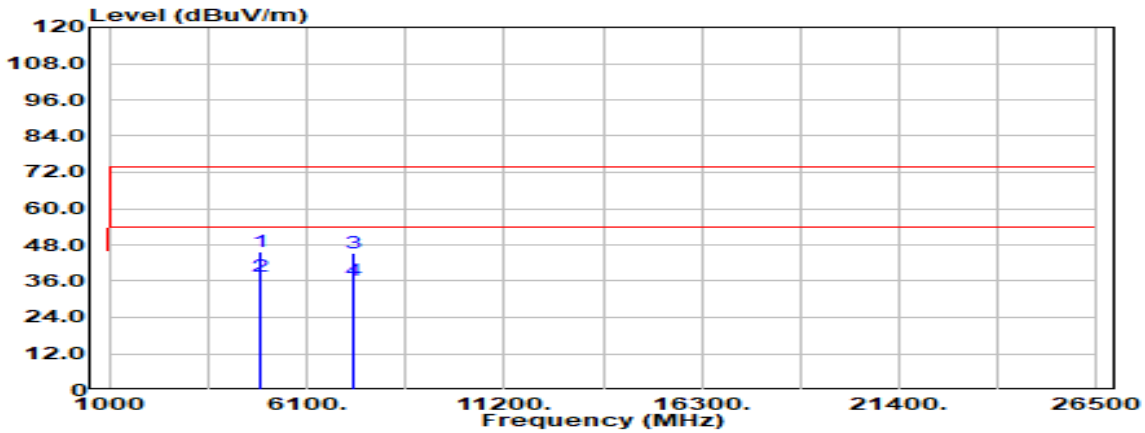


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4874.000	Peak	34.23	6.09	40.32	74.00	-33.68
4874.000	Average	25.47	6.09	31.56	54.00	-22.44
7311.000	Peak	32.15	13.33	45.48	74.00	-28.52
7311.000	Average	22.79	13.33	36.12	54.00	-17.88
N/A						

Remark:

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

Test Mode	IEEE 802.11n HT20 2437 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 20, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		

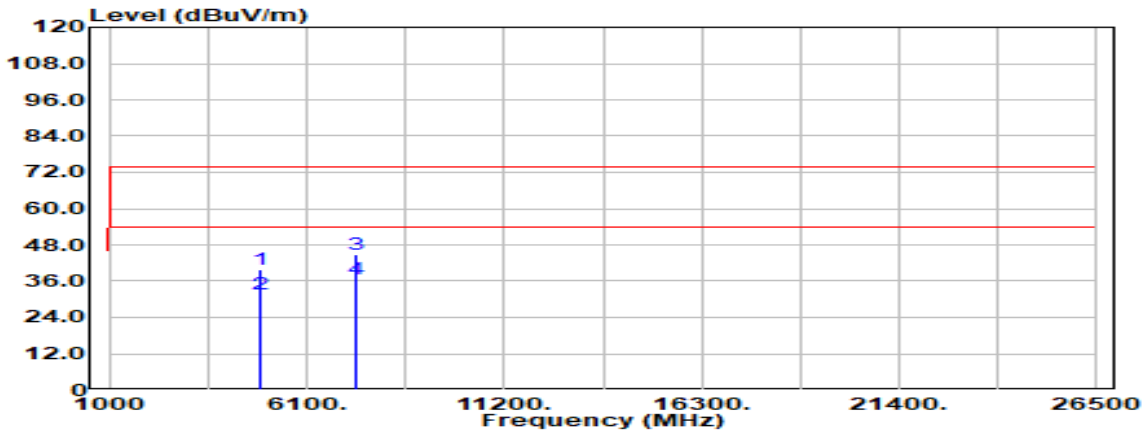


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4874.000	Peak	39.69	6.09	45.78	74.00	-28.22
4874.000	Average	31.72	6.09	37.80	54.00	-16.20
7311.000	Peak	32.11	13.33	45.44	74.00	-28.56
7311.000	Average	22.78	13.33	36.11	54.00	-17.89
N/A						

Remark:

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

Test Mode	IEEE 802.11n HT20 2462 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 20, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		

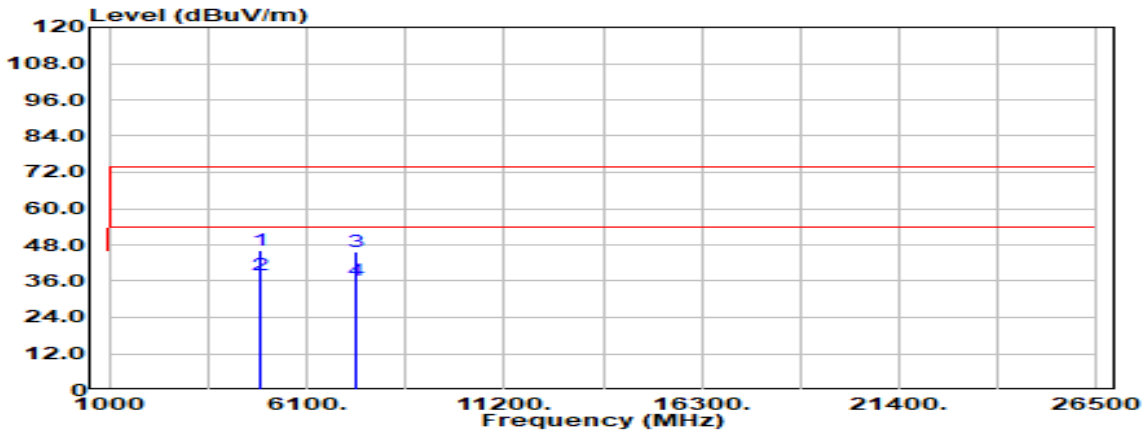


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4924.000	Peak	33.11	6.53	39.64	74.00	-34.36
4924.000	Average	25.39	6.53	31.92	54.00	-22.08
7386.000	Peak	31.42	13.33	44.75	74.00	-29.25
7386.000	Average	23.21	13.33	36.54	54.00	-17.46
N/A						

Remark:

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

Test Mode	IEEE 802.11n HT20 2462 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 20, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		

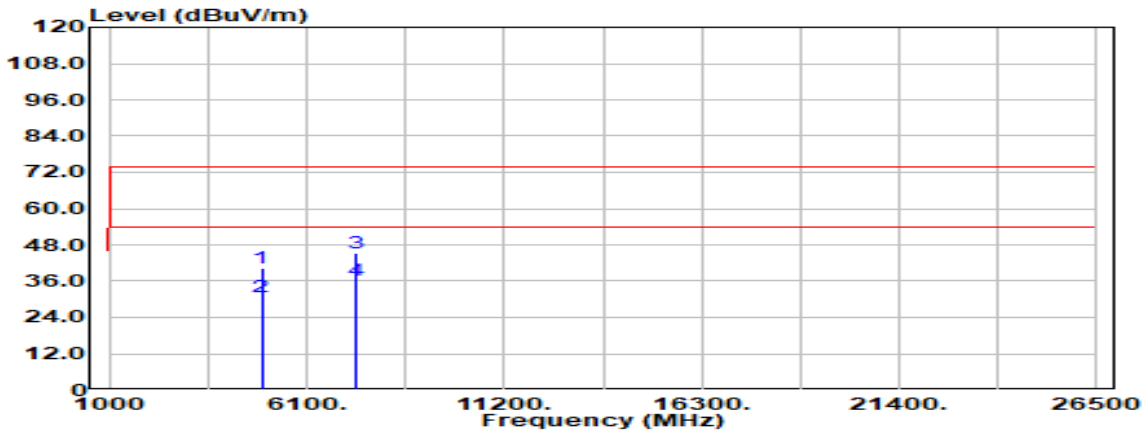


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4924.000	Peak	39.49	6.53	46.02	74.00	-27.98
4924.000	Average	31.58	6.53	38.10	54.00	-15.90
7386.000	Peak	32.36	13.33	45.69	74.00	-28.31
7386.000	Average	23.06	13.33	36.39	54.00	-17.61
N/A						

Remark:

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

Test Mode	IEEE 802.11n HT20 2467 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 20, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		

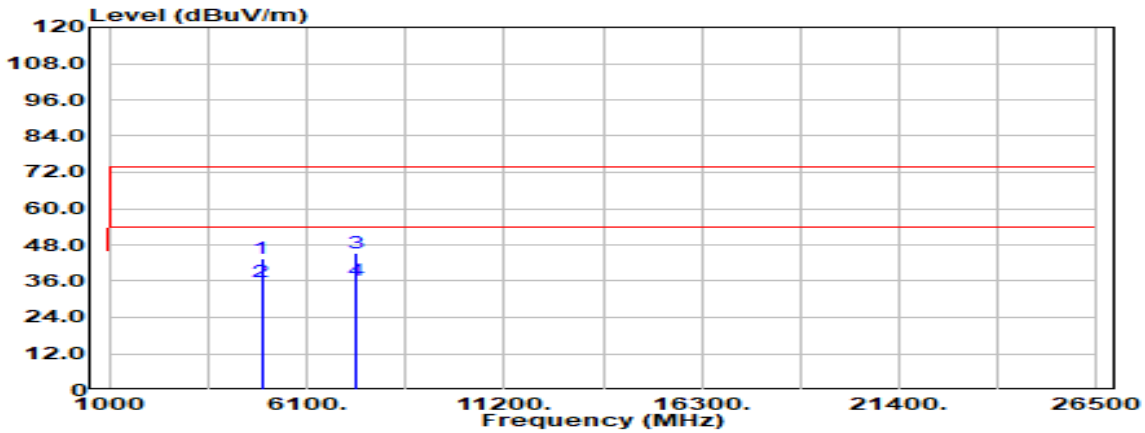


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4934.000	Peak	33.58	6.64	40.23	74.00	-33.77
4934.000	Average	24.02	6.64	30.66	54.00	-23.34
7401.000	Peak	32.06	13.30	45.36	74.00	-28.64
7401.000	Average	23.01	13.30	36.31	54.00	-17.69
N/A						

Remark:

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

Test Mode	IEEE 802.11n HT20 2467 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 20, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		

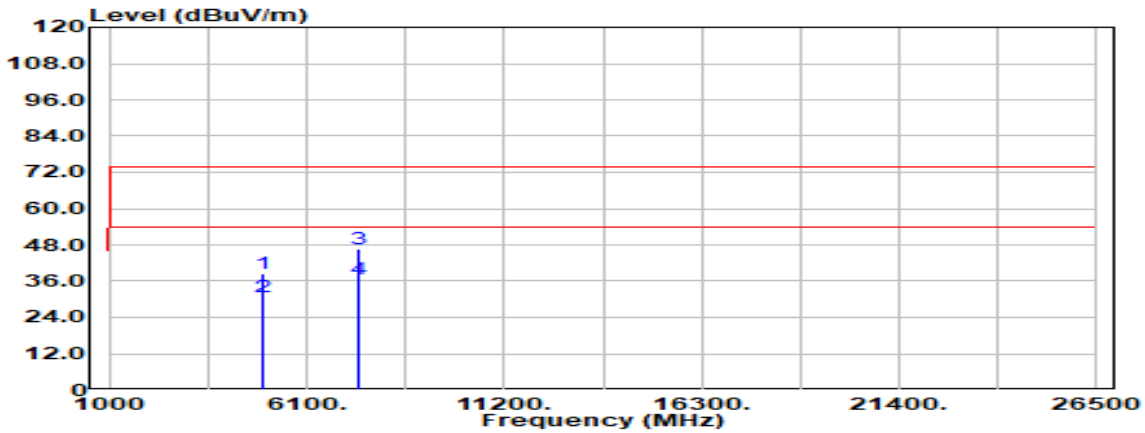


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4934.000	Peak	36.75	6.64	43.40	74.00	-30.60
4934.000	Average	29.28	6.64	35.93	54.00	-18.07
7401.000	Peak	31.80	13.30	45.09	74.00	-28.91
7401.000	Average	23.08	13.30	36.38	54.00	-17.62
N/A						

Remark:

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

Test Mode	IEEE 802.11n HT20 2472 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 20, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		

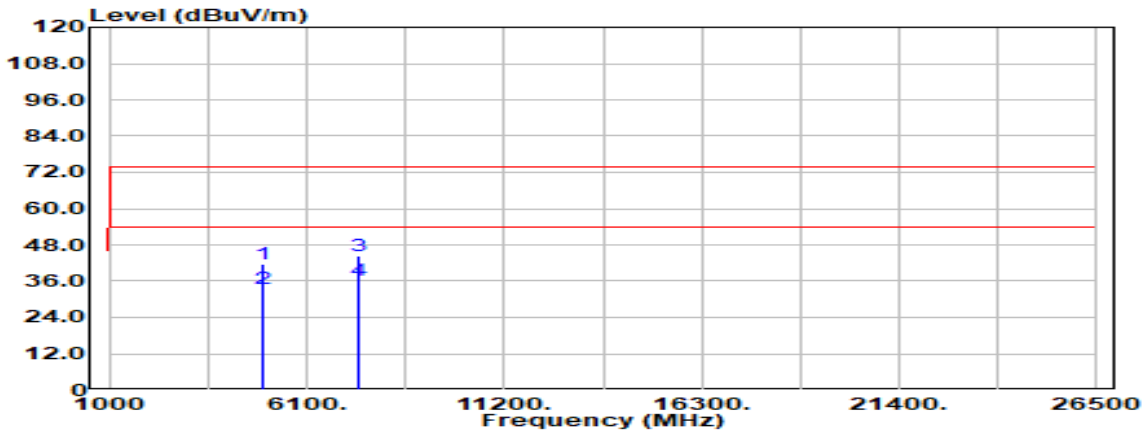


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4944.000	Peak	31.70	6.76	38.46	74.00	-35.54
4944.000	Average	24.11	6.76	30.87	54.00	-23.13
7416.000	Peak	33.31	13.27	46.58	74.00	-27.42
7416.000	Average	23.21	13.27	36.47	54.00	-17.53
N/A						

Remark:

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

Test Mode	IEEE 802.11n HT20 2472 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 20, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		

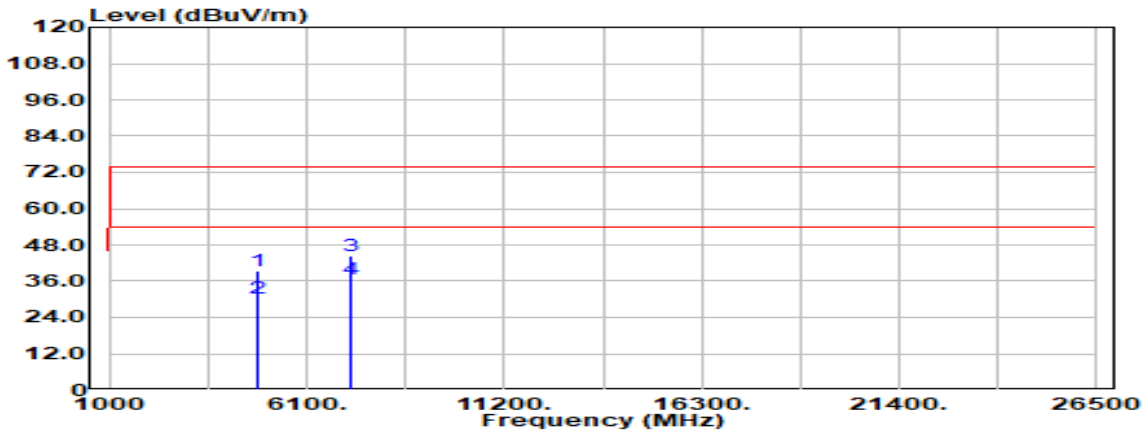


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4944.000	Peak	34.74	6.76	41.50	74.00	-32.50
4944.000	Average	26.63	6.76	33.39	54.00	-20.61
7416.000	Peak	31.33	13.27	44.60	74.00	-29.40
7416.000	Average	23.16	13.27	36.43	54.00	-17.57
N/A						

Remark:

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

Test Mode	IEEE 802.11n HT40 2422 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 20, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		

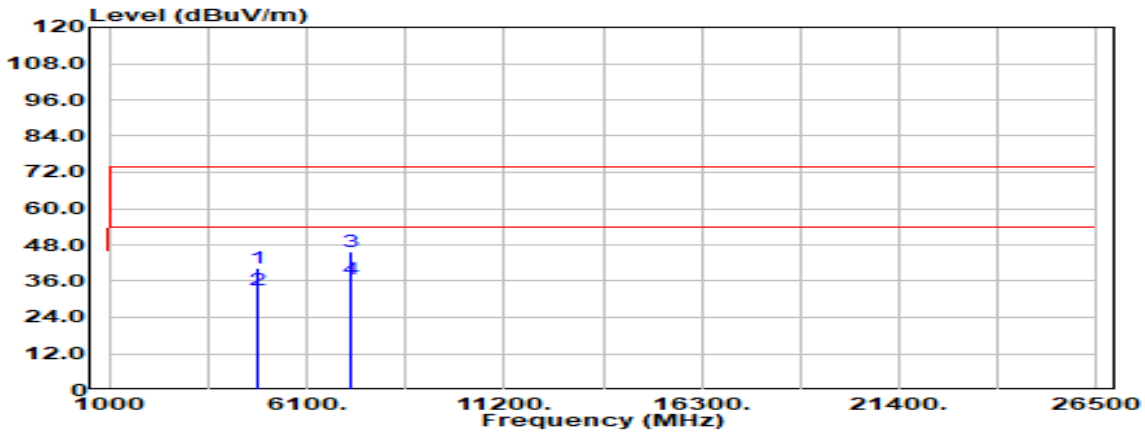


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4844.000	Peak	33.29	5.93	39.22	74.00	-34.78
4844.000	Average	24.57	5.93	30.50	54.00	-23.50
7266.000	Peak	31.18	13.33	44.51	74.00	-29.49
7266.000	Average	23.34	13.33	36.67	54.00	-17.33
N/A						

Remark:

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

Test Mode	IEEE 802.11n HT40 2422 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 20, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		

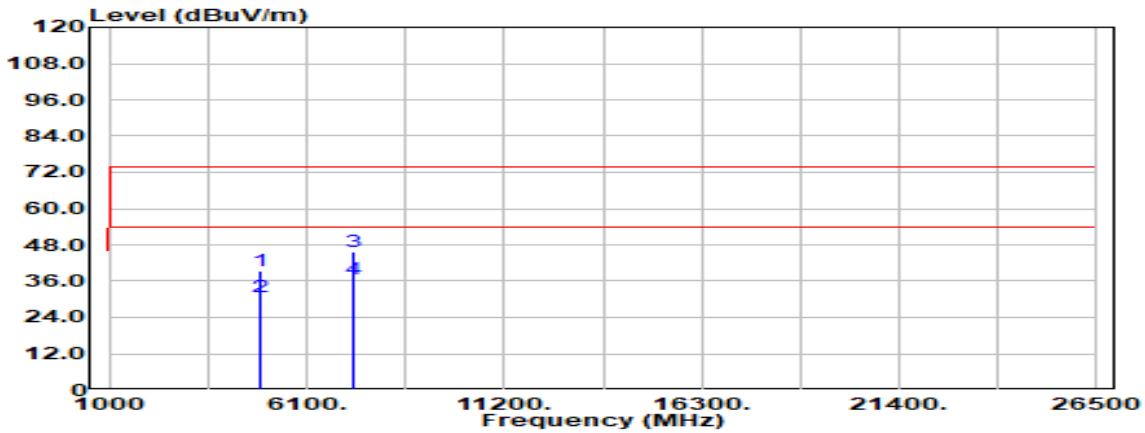


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4844.000	Peak	34.17	5.93	40.10	74.00	-33.90
4844.000	Average	26.99	5.93	32.92	54.00	-21.08
7266.000	Peak	32.44	13.33	45.77	74.00	-28.23
7266.000	Average	23.45	13.33	36.78	54.00	-17.22
N/A						

Remark:

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

Test Mode	IEEE 802.11n HT40 2437 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 20, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		

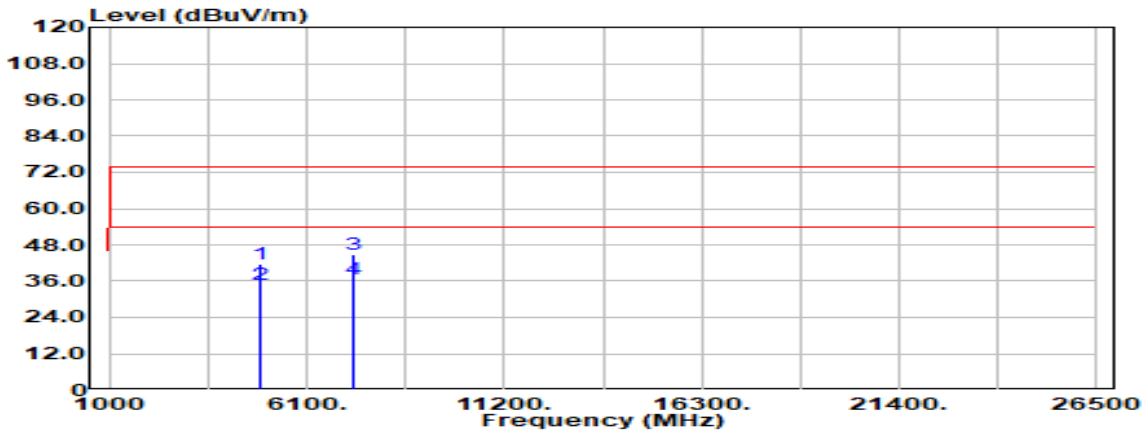


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4874.000	Peak	33.41	6.09	39.50	74.00	-34.50
4874.000	Average	24.62	6.09	30.71	54.00	-23.29
7311.000	Peak	32.62	13.33	45.95	74.00	-28.05
7311.000	Average	23.18	13.33	36.51	54.00	-17.49
N/A						

Remark:

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

Test Mode	IEEE 802.11n HT40 2437 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 20, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		

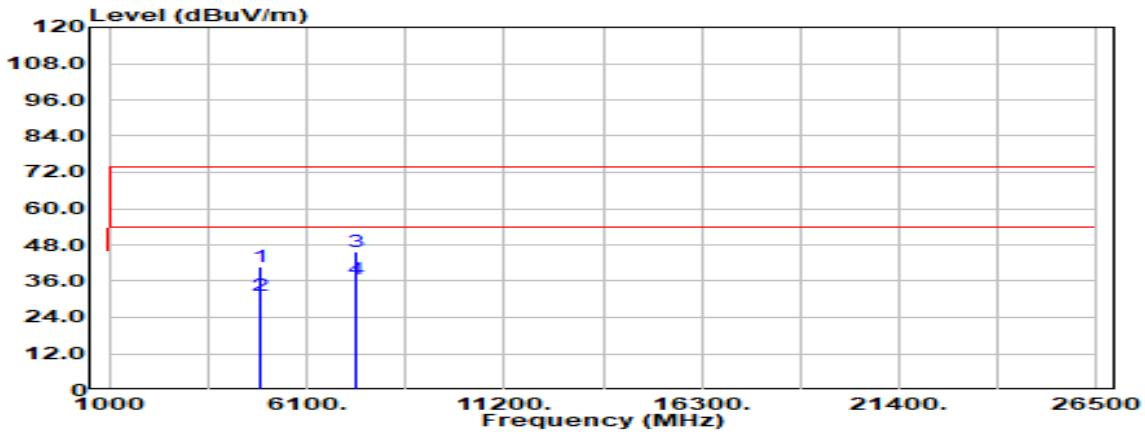


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4874.000	Peak	35.51	6.09	41.60	74.00	-32.40
4874.000	Average	28.86	6.09	34.95	54.00	-19.05
7311.000	Peak	31.48	13.33	44.81	74.00	-29.19
7311.000	Average	23.20	13.33	36.54	54.00	-17.46
N/A						

Remark:

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

Test Mode	IEEE 802.11n HT40 2452 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 20, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		

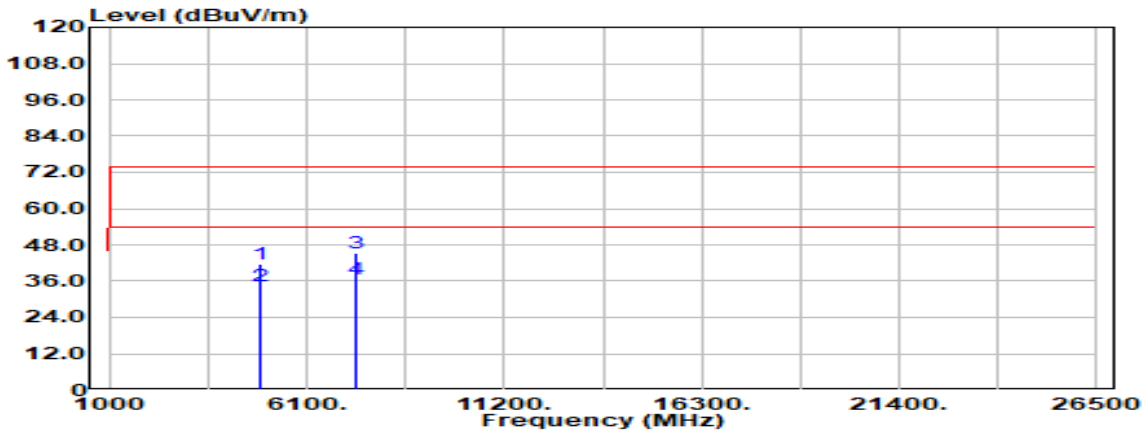


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4904.000	Peak	34.26	6.30	40.56	74.00	-33.44
4904.000	Average	24.80	6.30	31.09	54.00	-22.91
7356.000	Peak	32.39	13.40	45.79	74.00	-28.21
7356.000	Average	23.13	13.40	36.53	54.00	-17.47
N/A						

Remark:

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

Test Mode	IEEE 802.11n HT40 2452 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 20, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		

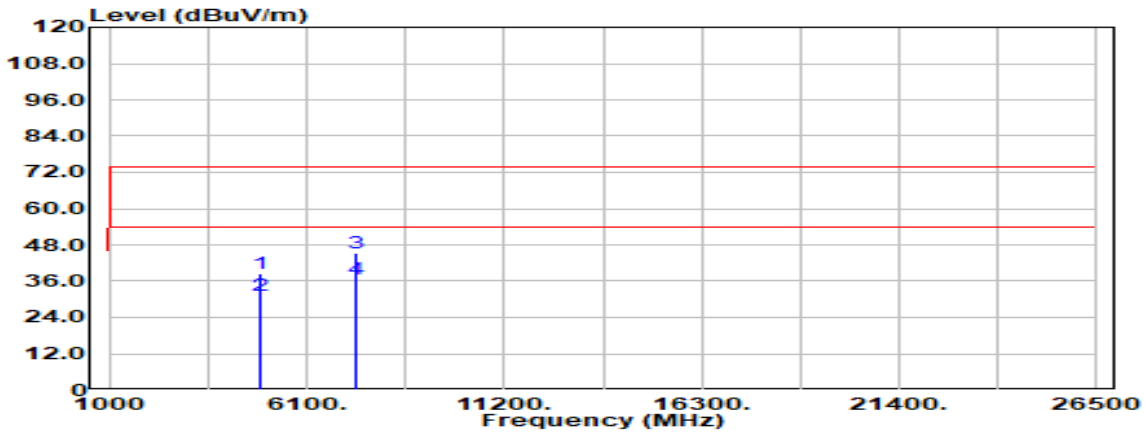


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4904.000	Peak	35.28	6.30	41.58	74.00	-32.42
4904.000	Average	28.31	6.30	34.61	54.00	-19.39
7356.000	Peak	31.68	13.40	45.07	74.00	-28.93
7356.000	Average	23.25	13.40	36.65	54.00	-17.35
N/A						

Remark:

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

Test Mode	IEEE 802.11n HT40 2457 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 20, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		

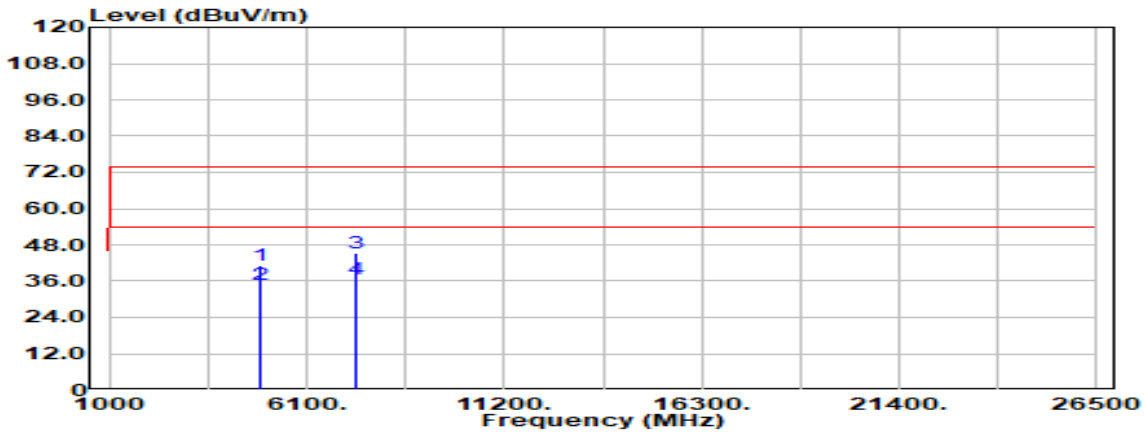


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4914.000	Peak	31.86	6.41	38.27	74.00	-35.73
4914.000	Average	24.62	6.41	31.03	54.00	-22.97
7371.000	Peak	31.89	13.36	45.26	74.00	-28.74
7371.000	Average	23.38	13.36	36.75	54.00	-17.25
N/A						

Remark:

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

Test Mode	IEEE 802.11n HT40 2457 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 20, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		

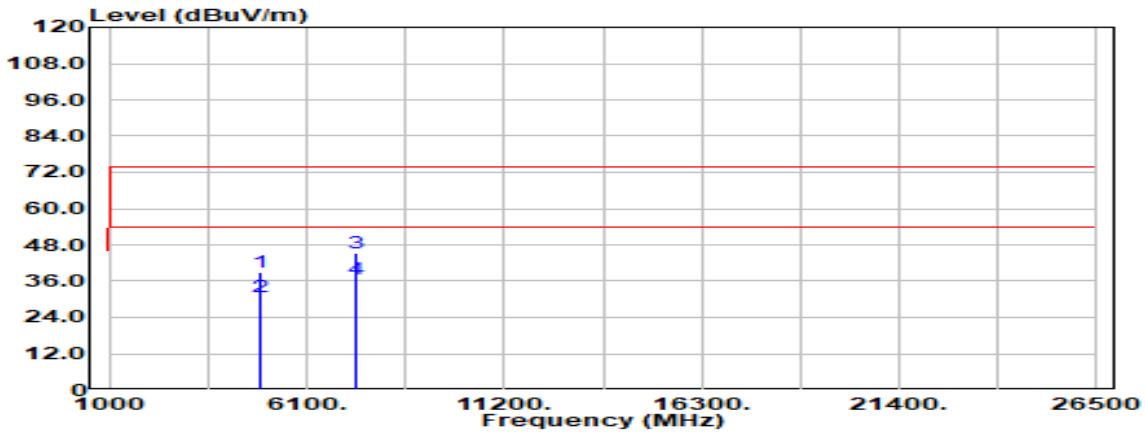


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4914.000	Peak	34.72	6.41	41.13	74.00	-32.87
4914.000	Average	28.40	6.41	34.81	54.00	-19.19
7371.000	Peak	31.72	13.36	45.09	74.00	-28.91
7371.000	Average	23.34	13.36	36.70	54.00	-17.30
N/A						

Remark:

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

Test Mode	IEEE 802.11n HT40 2462 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 20, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		

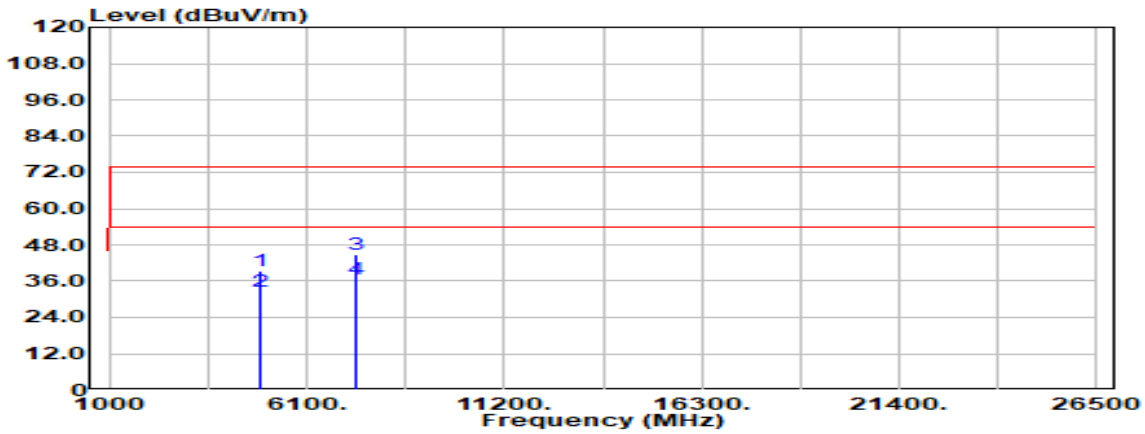


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4924.000	Peak	32.31	6.53	38.84	74.00	-35.16
4924.000	Average	24.44	6.53	30.97	54.00	-23.03
7386.000	Peak	32.09	13.33	45.43	74.00	-28.57
7386.000	Average	23.46	13.33	36.79	54.00	-17.21
N/A						

Remark:

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

Test Mode	IEEE 802.11n HT40 2462 MHz	Temp/Hum	24.4(℃)/ 62%RH
Test Item	Harmonic	Test Date	August 20, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



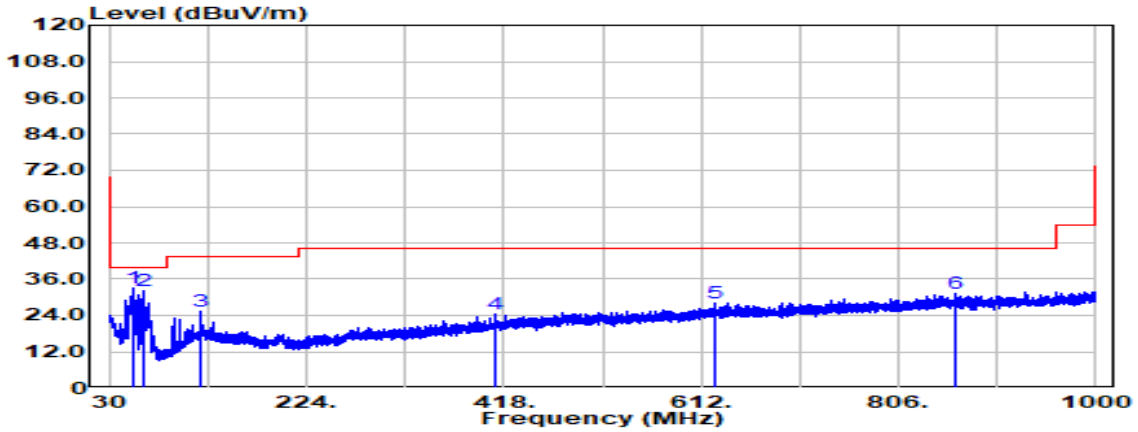
Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4924.000	Peak	33.01	6.53	39.53	74.00	-34.47
4924.000	Average	26.09	6.53	32.62	54.00	-21.38
7386.000	Peak	31.63	13.33	44.96	74.00	-29.04
7386.000	Average	23.50	13.33	36.83	54.00	-17.17
N/A						

Remark:

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

Simultaneously transmit system (WLAN+BT)

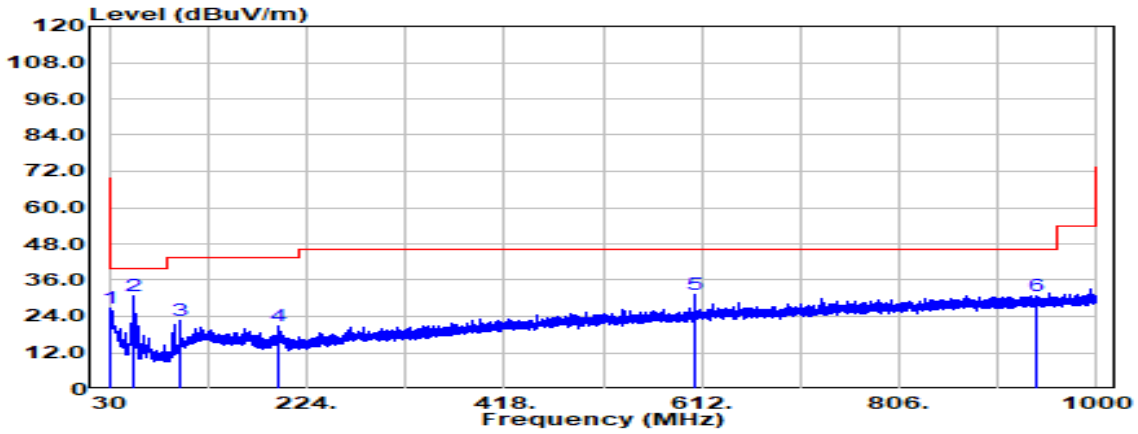
Test Mode	IEEE 802.11b/BT BR	Temp/Hum	24.6(℃)/ 64%RH
Test Item	Harmonic	Test Date	August 22, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
53.280	Peak	49.44	-16.26	33.18	40.00	-6.82
63.344	Peak	48.18	-16.01	32.18	40.00	-7.82
119.968	Peak	34.50	-9.33	25.17	43.50	-18.33
410.483	Peak	30.01	-5.63	24.38	46.00	-21.62
625.944	Peak	29.53	-1.42	28.12	46.00	-17.88
861.775	Peak	28.97	2.10	31.07	46.00	-14.93

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

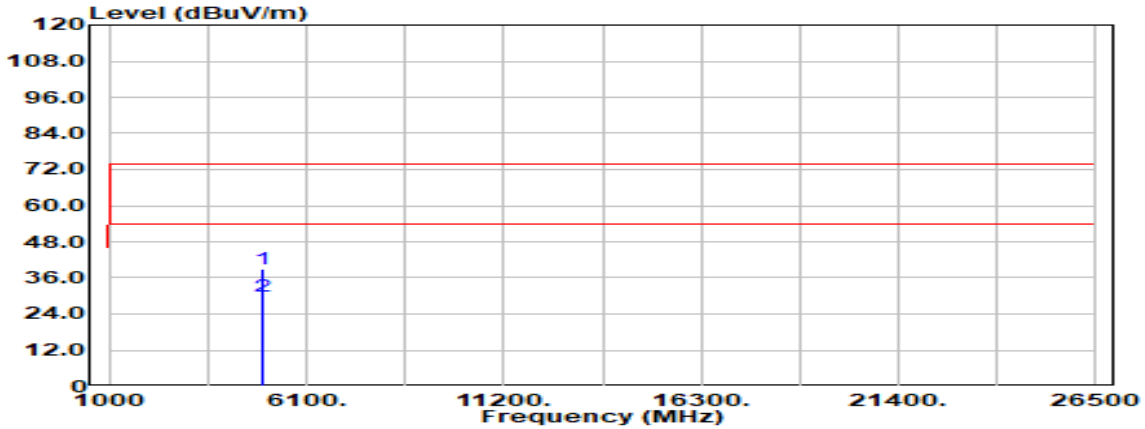
Test Mode	IEEE 802.11b/BT BR	Temp/Hum	24.6(℃)/ 64%RH
Test Item	Harmonic	Test Date	August 22, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak / Average		



Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
30.121	Peak	29.92	-3.31	26.62	40.00	-13.38
53.280	Peak	46.88	-16.26	30.62	40.00	-9.38
99.961	Peak	35.71	-13.16	22.56	43.50	-20.94
195.143	Peak	31.22	-10.62	20.61	43.50	-22.89
605.938	Peak	33.37	-2.30	31.06	46.00	-14.94
941.436	Peak	27.68	3.16	30.84	46.00	-15.16

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

Test Mode	IEEE 802.11b/BT BR	Temp/Hum	24.6(℃)/ 64%RH
Test Item	Harmonic	Test Date	August 22, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak / Average		

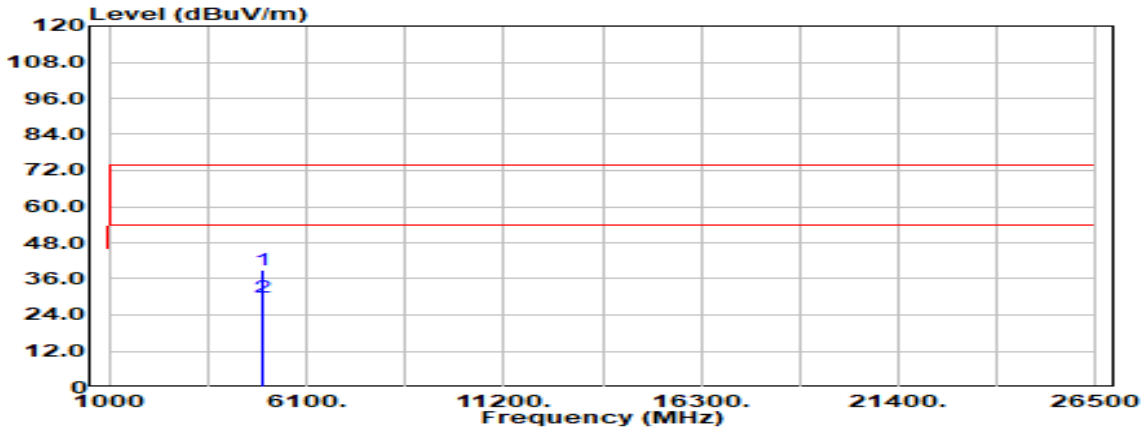


Freq. (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
4944.000	Peak	32.14	6.76	38.90	74.00	-35.10
4944.000	Average	23.34	6.76	30.10	54.00	-23.90
N/A						

Remark:

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

Test Mode	IEEE 802.11b/BT BR	Temp/Hum	24.6(℃)/ 64%RH
Test Item	Harmonic	Test Date	August 22, 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)
4944.000	Peak	32.38	6.76	39.14	74.00	-34.86
4944.000	Average	23.21	6.76	29.97	54.00	-24.03
N/A						

Remark:

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

- End of Test Report -