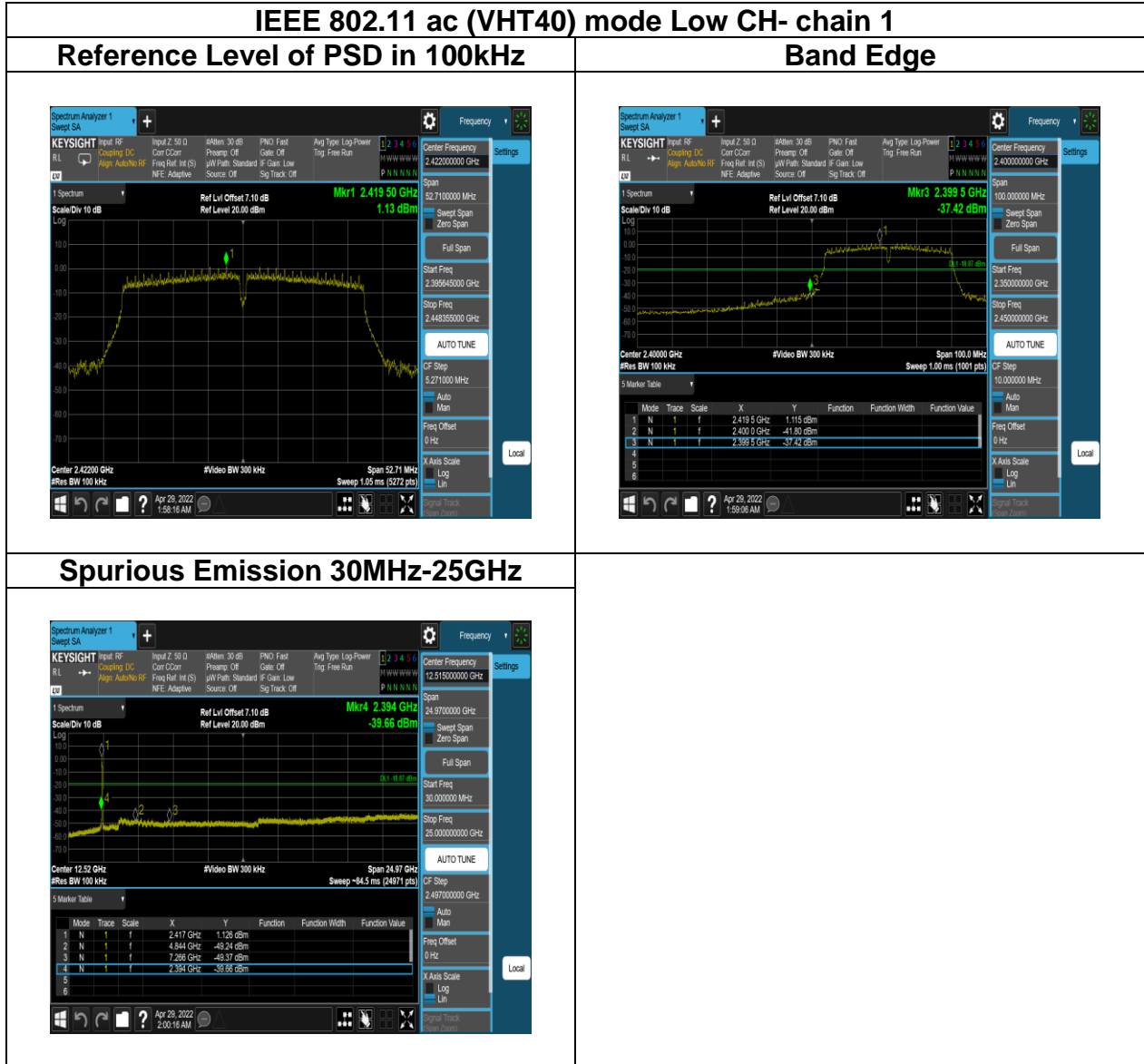
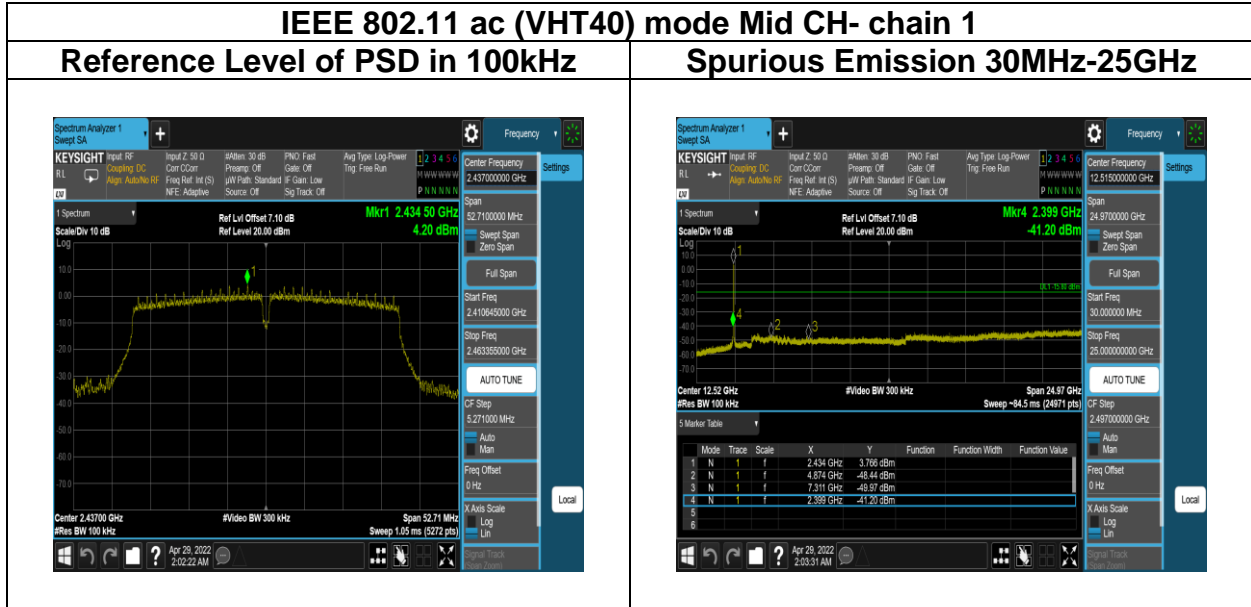


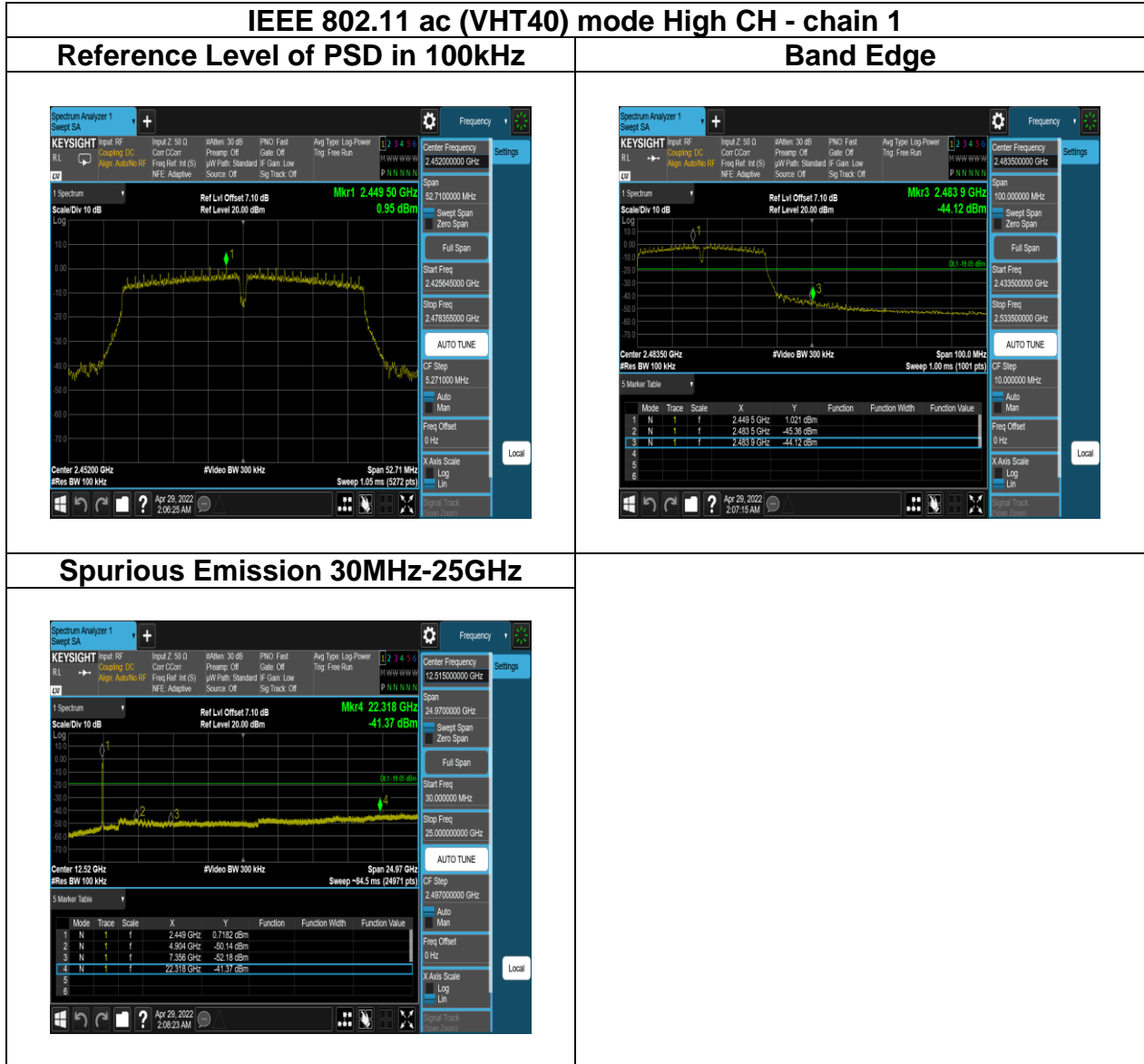
Report No.: TMWK2201000110KR



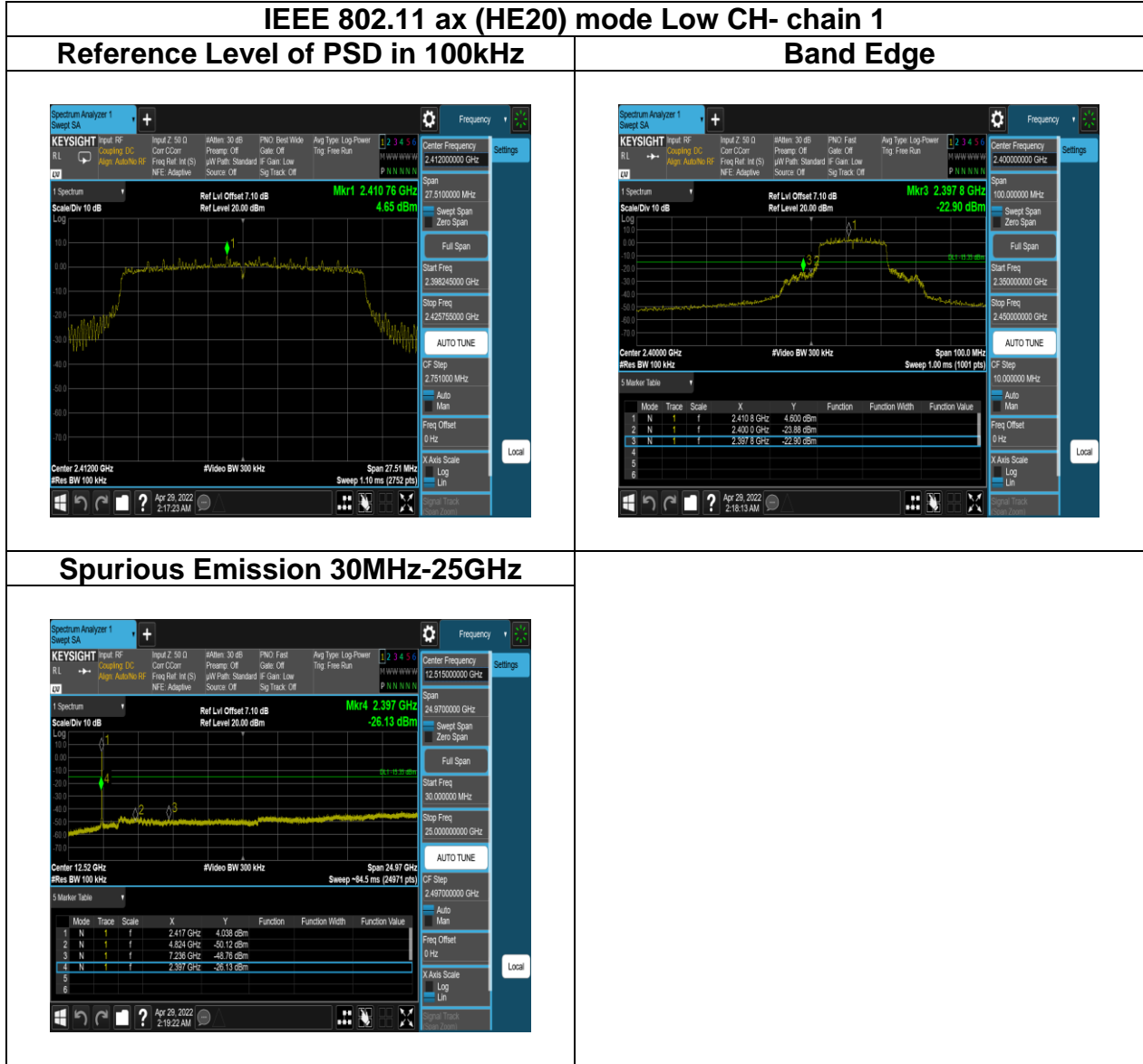
Report No.: TMWK2201000110KR



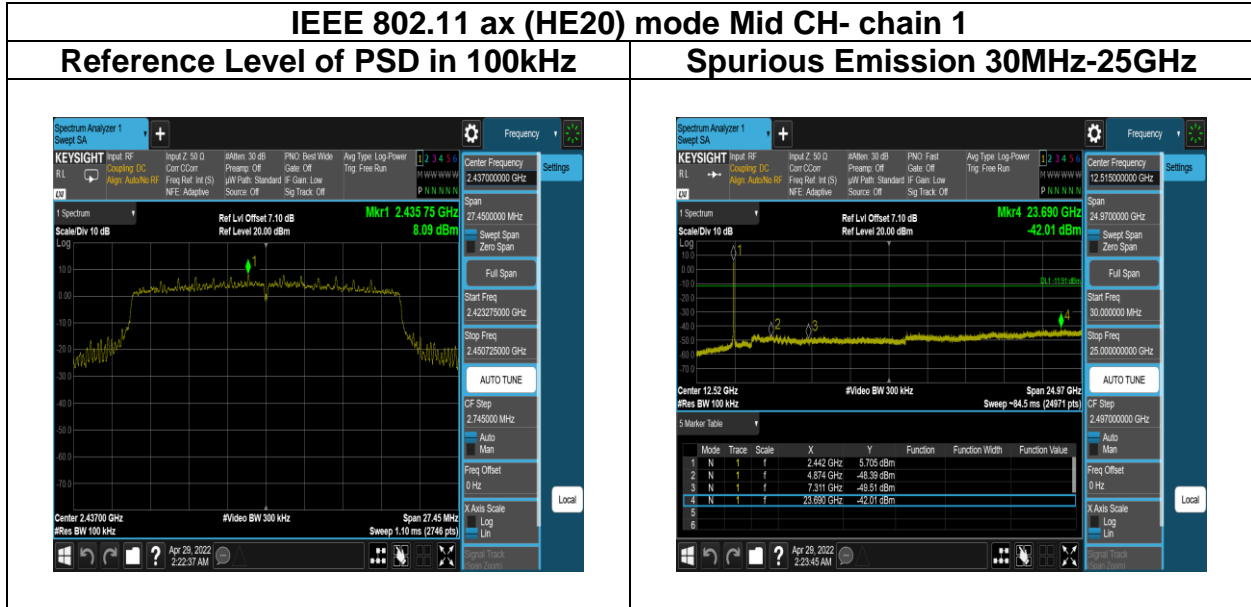
Report No.: TMWK2201000110KR



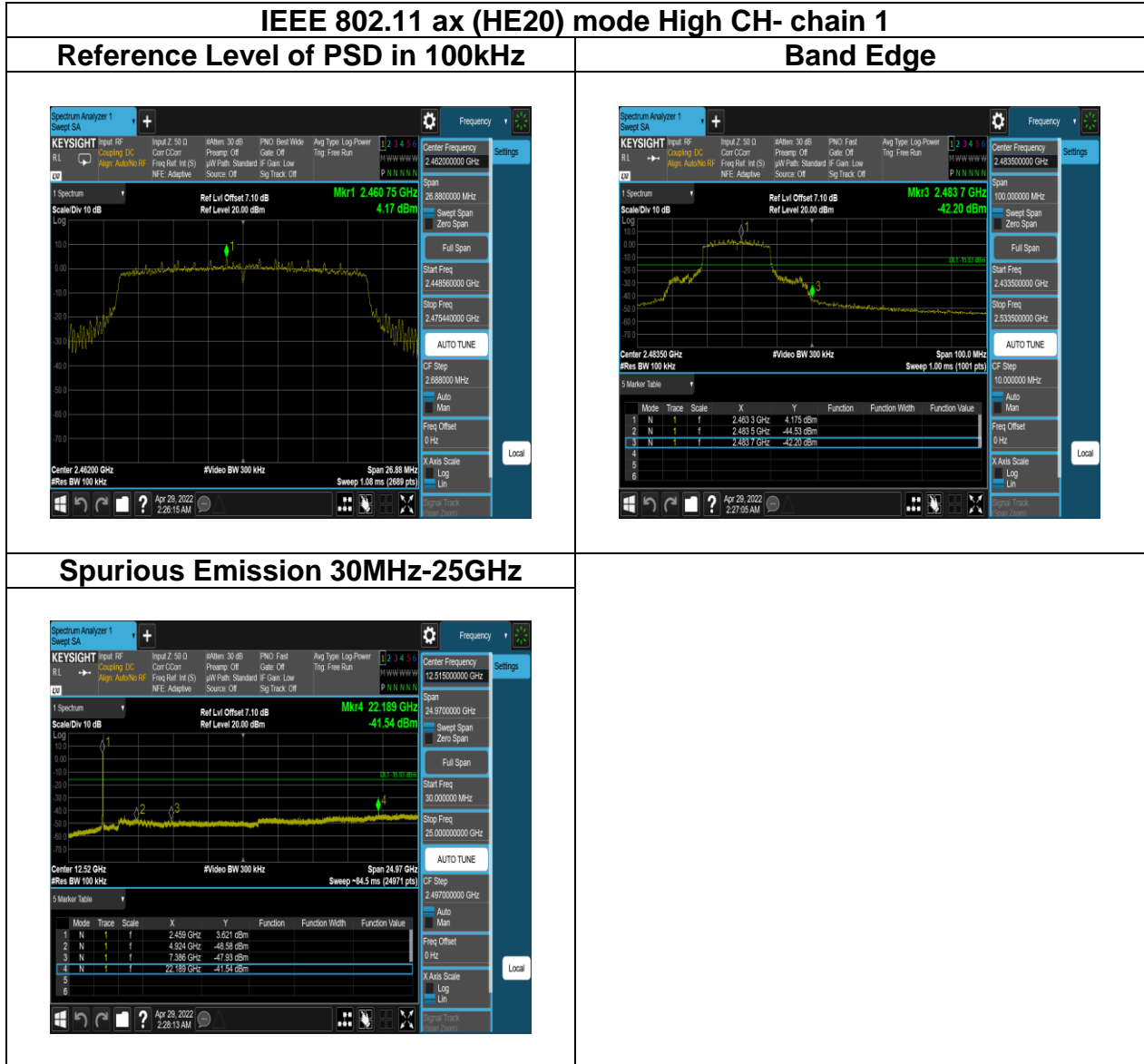
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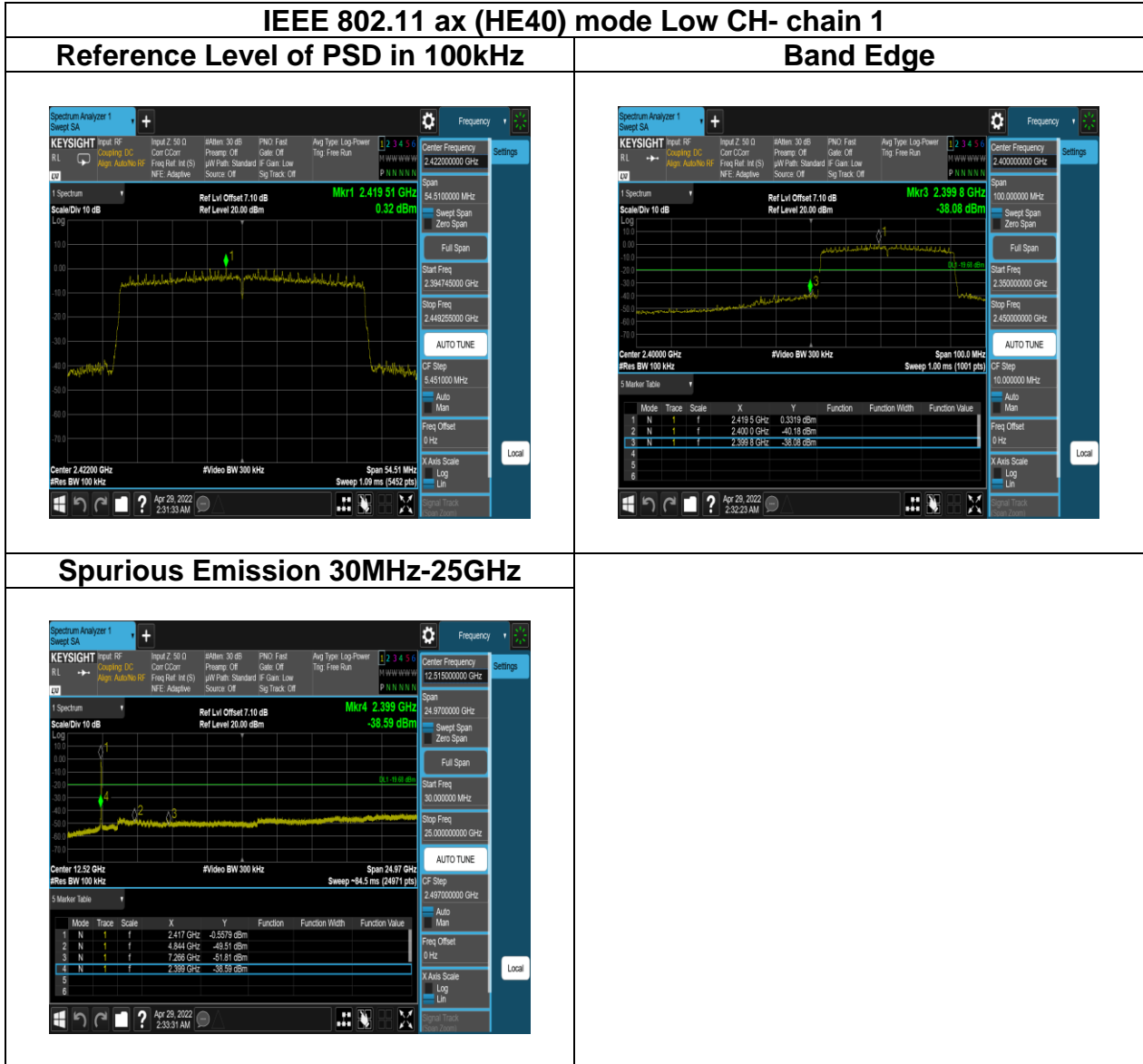
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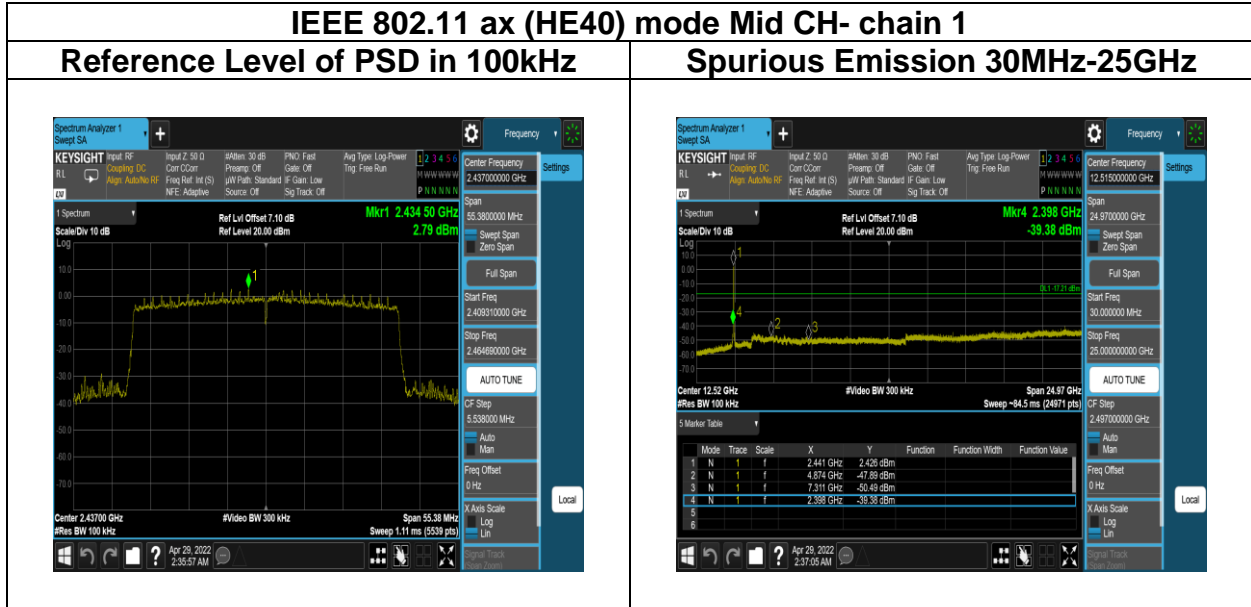
Report No.: TMWK2201000110KR



Report No.: TMWK2201000110KR

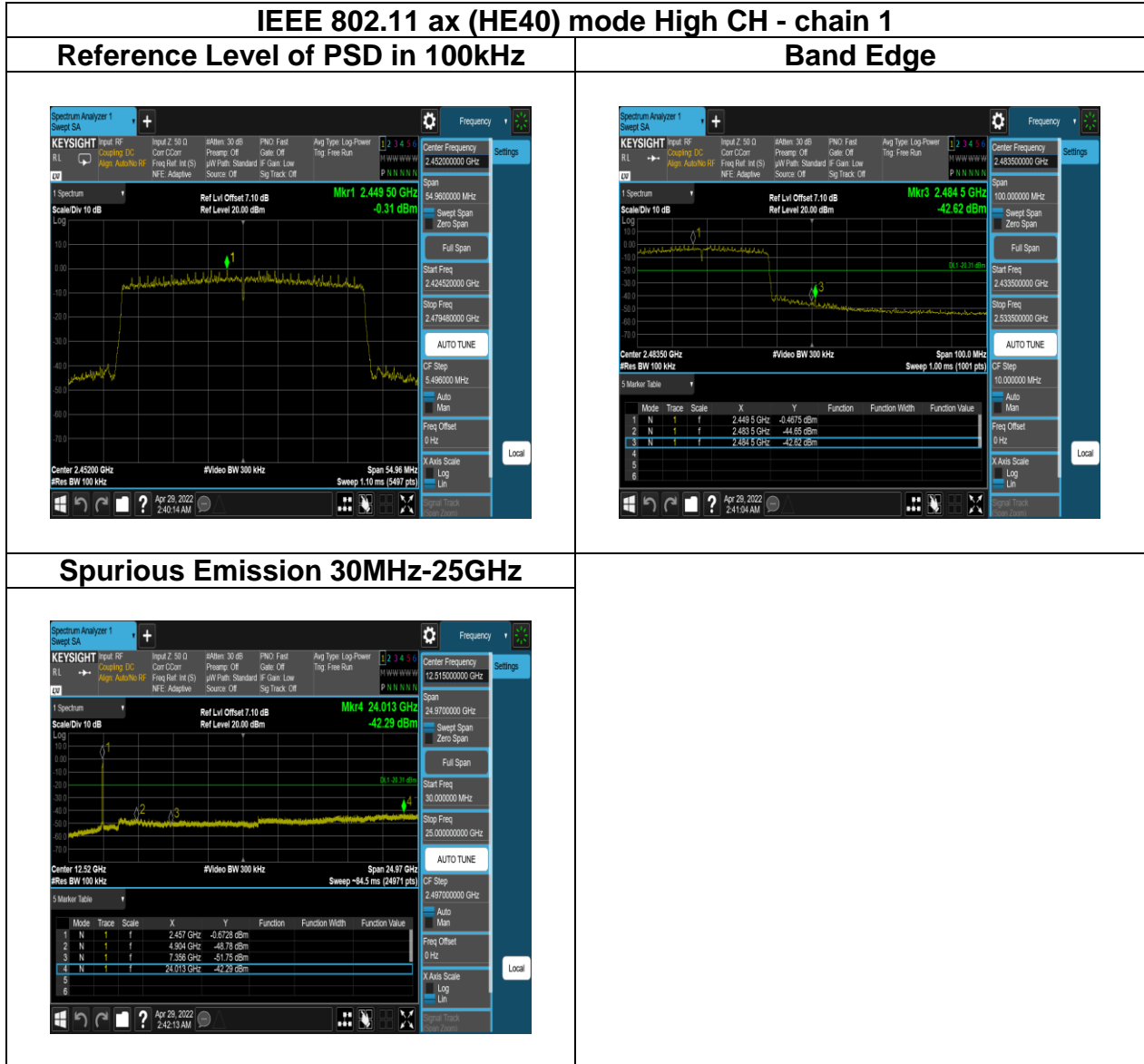


Report No.: TMWK2201000110KR





Report No.: TMWK2201000110KR



Report No.: TMWK2201000110KR

## 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 KDB 662911 D01, 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.

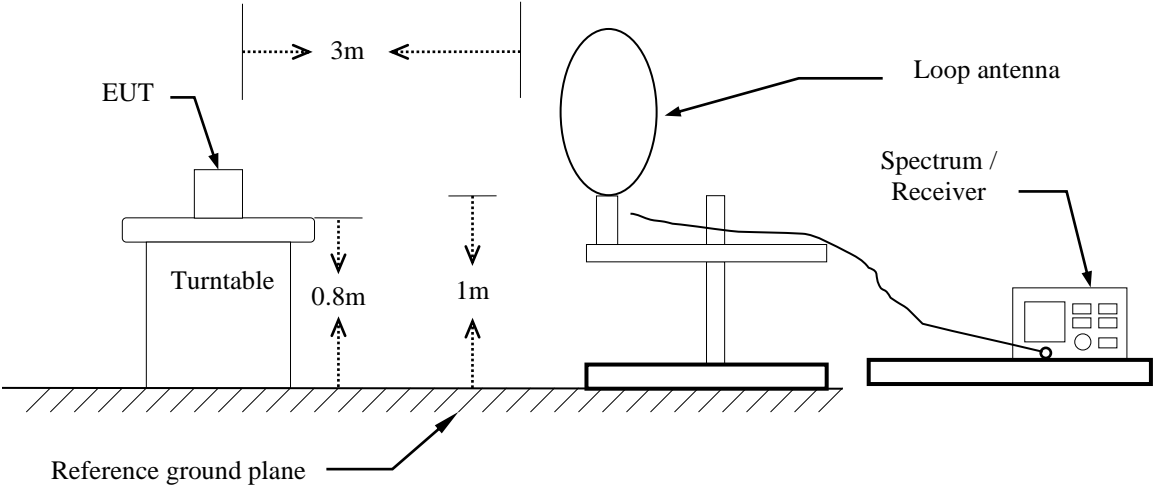
4. The SA setting following :

- (1) Below 1G : RBW = 100kHz, VBW  $\geq$  3 RBW, Sweep = Auto, Detector = Peak, Trace = Max hold.
- (2) Above 1G :
  - (2.1) For Peak measurement : RBW = 1MHz, VBW  $\geq$  3 RBW, Sweep = Auto, Detector = Peak, Trace = Max hold.
  - (2.2) For Average measurement : RBW = 1MHz, VBW
    - 'If Duty Cycle  $\geq$  98%, VBW=10Hz.
    - 'If Duty Cycle < 98%, VBW=1/T.

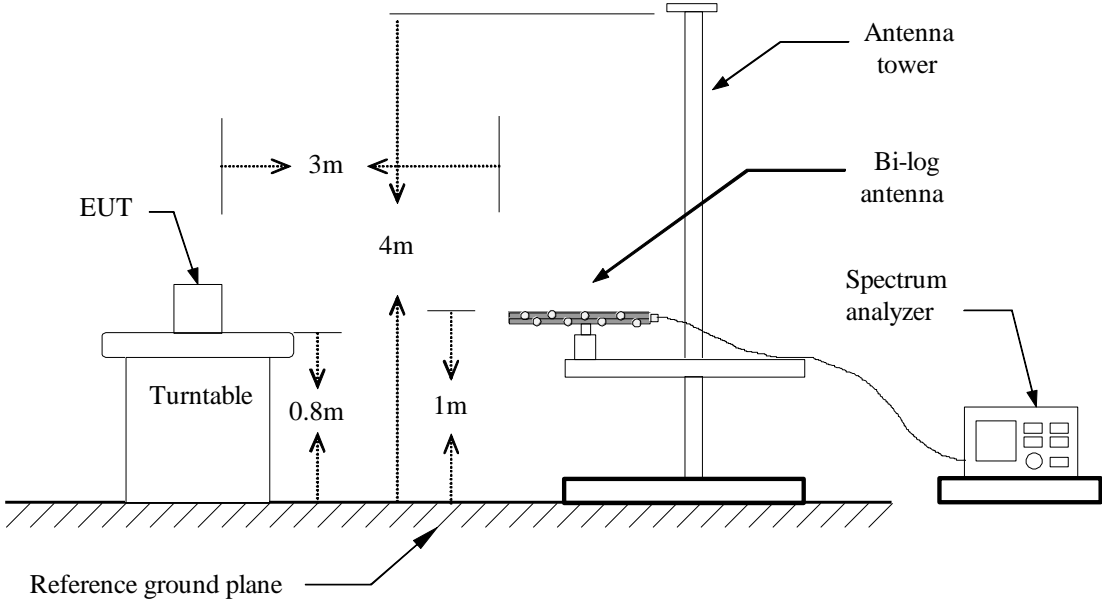
Report No.: TMWK2201000110KR

### 4.6.3 Test Setup

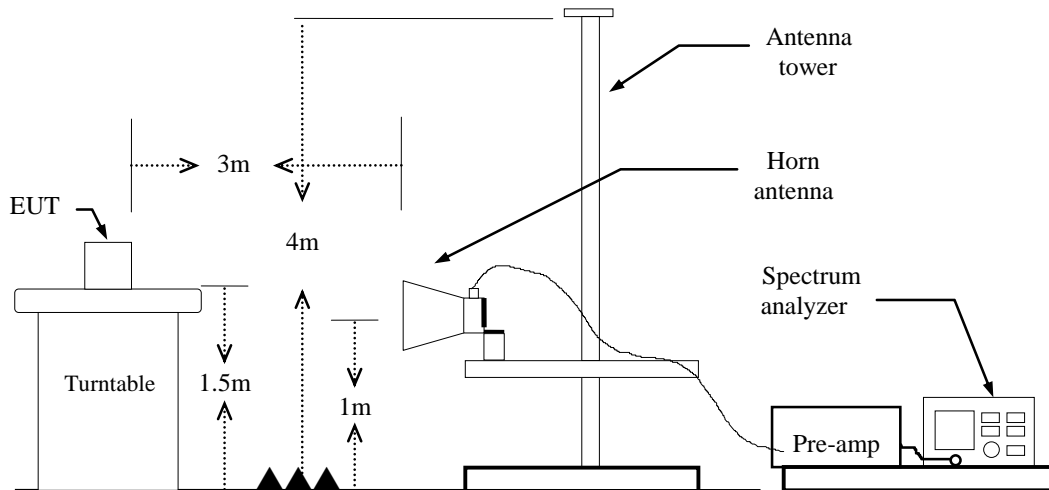
#### 9kHz ~ 30MHz



#### 30MHz ~ 1GHz



## Above 1 GHz



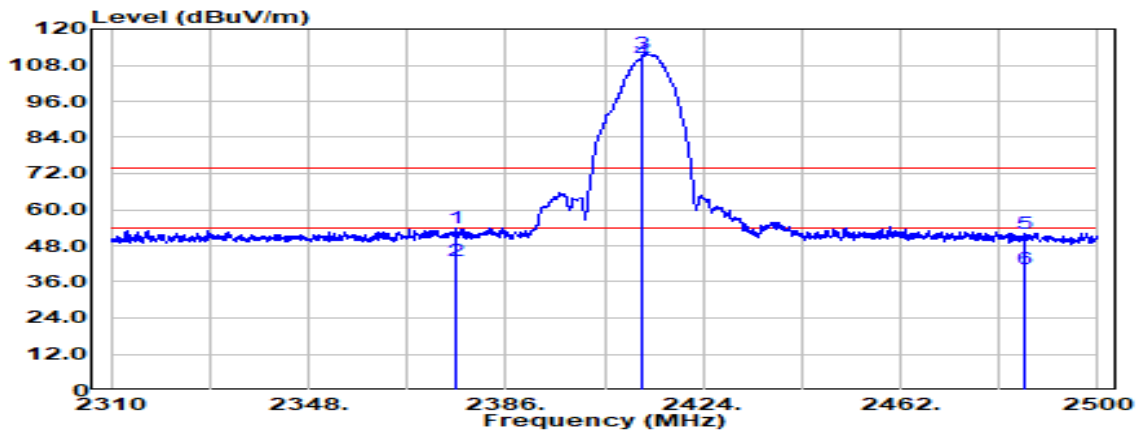
Report No.: TMWK2201000110KR

### 4.6.4 Test Result

#### Band Edge Test Data

**BFM OFF**

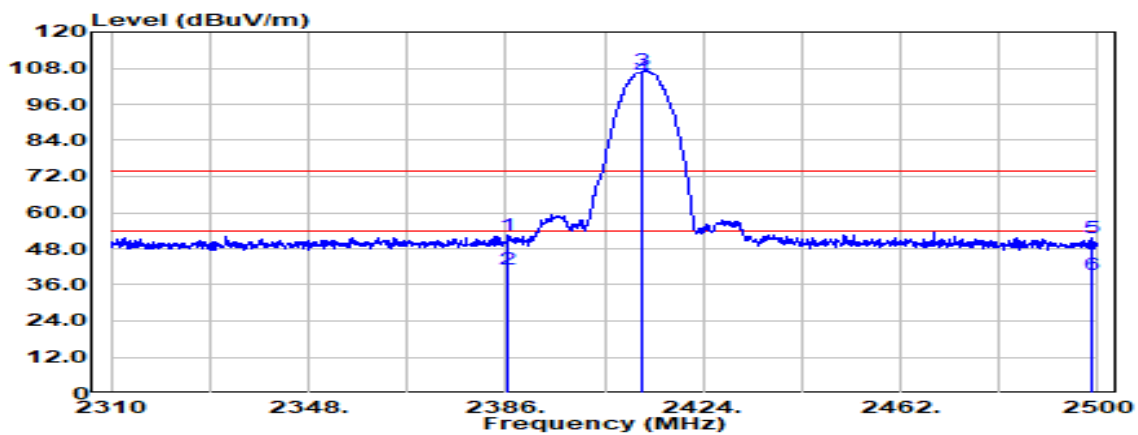
Test Mode	IEEE 802.11b CH 2412MHz	Temp/Hum	23.3(°C)/ 53%RH
Test Item	Band Edge	Test Date	March 24, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak and Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2376.500	Peak	41.32	12.41	53.73	74.00	-20.27
2376.500	Average	30.49	12.41	42.91	54.00	-11.09
2412.000	Peak	99.08	12.61	111.69	--	--
2412.000	Average	97.00	12.61	109.61	--	--
2486.130	Peak	39.17	13.10	52.26	74.00	-21.74
2486.130	Average	27.30	13.10	40.40	54.00	-13.60

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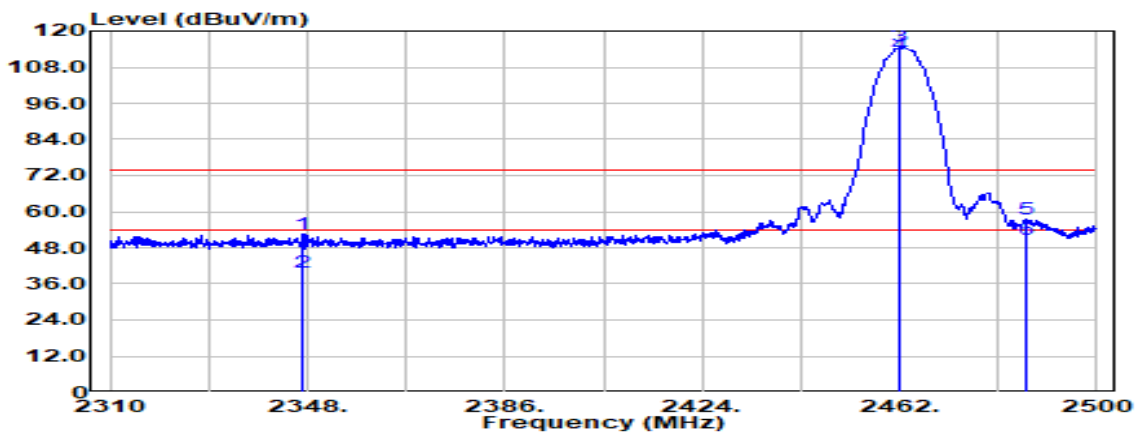
Test Mode	IEEE 802.11b CH 2412MHz	Temp/Hum	23.3(°C)/ 53%RH
Test Item	Band Edge	Test Date	March 24, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak and Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2386.475	Peak	40.02	12.46	52.49	74.00	-21.51
2386.475	Average	28.68	12.46	41.15	54.00	-12.85
2412.000	Peak	94.87	12.61	107.47	--	--
2412.000	Average	92.42	12.61	105.03	--	--
2498.860	Peak	38.33	13.18	51.51	74.00	-22.49
2498.860	Average	26.16	13.18	39.34	54.00	-14.66

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Test Mode	IEEE 802.11b CH 2462MHz	Temp/Hum	23.3(°C)/ 53%RH
Test Item	Band Edge	Test Date	March 19, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak and Average		

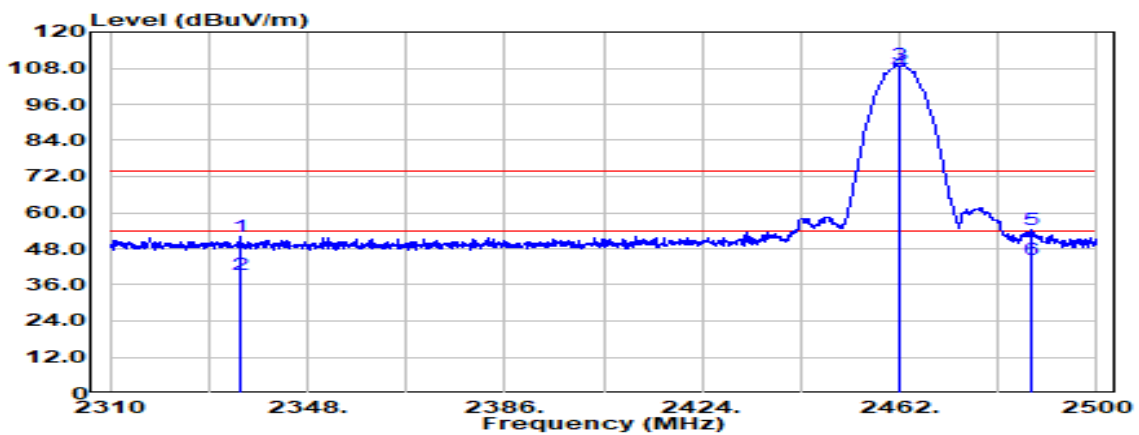


Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2347.240	Peak	40.16	12.28	52.43	74.00	-21.57
2347.240	Average	27.56	12.28	39.83	54.00	-14.17
2462.000	Peak	101.95	12.93	114.88	--	--
2462.000	Average	99.58	12.93	112.51	--	--
2486.225	Peak	44.55	13.10	57.65	74.00	-16.35
2486.225	Average	37.66	13.10	50.76	54.00	-3.24



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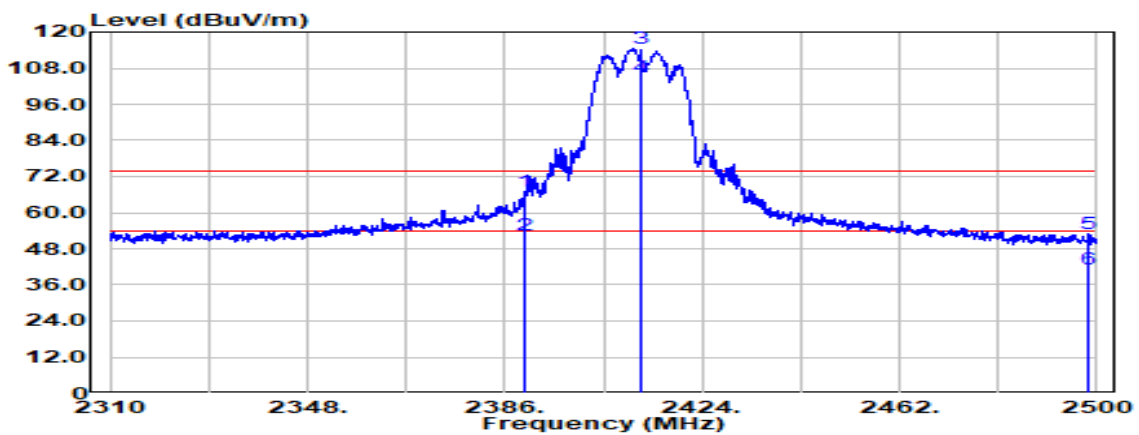
Test Mode	IEEE 802.11b CH 2462MHz	Temp/Hum	20.8(°C)/ 61%RH
Test Item	Band Edge	Test Date	March 26, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak and Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2334.985	Peak	39.62	12.26	51.87	74.00	-22.13
2334.985	Average	27.30	12.26	39.56	54.00	-14.44
2462.000	Peak	96.14	12.93	109.07	--	--
2462.000	Average	93.92	12.93	106.86	--	--
2487.270	Peak	41.19	13.10	54.29	74.00	-19.71
2487.270	Average	31.22	13.10	44.32	54.00	-9.68

Report No.: TMWK2201000110KR

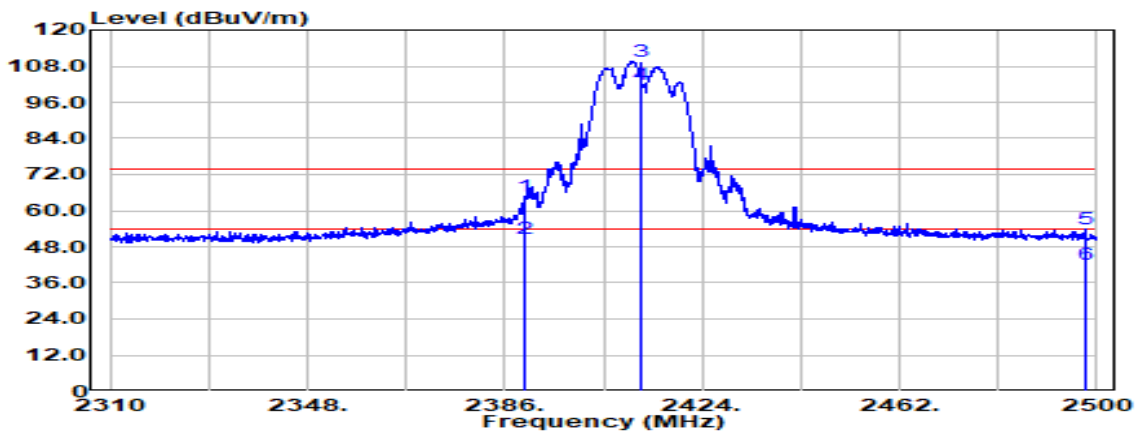
Test Mode	IEEE 802.11g CH 2412MHz	Temp/Hum	20.8(°C)/ 61%RH
Test Item	Band Edge	Test Date	March 26, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak and Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2389.990	Peak	54.49	12.48	66.97	74.00	-7.03
2389.990	Average	40.13	12.48	52.61	54.00	-1.39
2412.000	Peak	101.87	12.61	114.48	--	--
2412.000	Average	92.61	12.61	105.22	--	--
2498.480	Peak	39.59	13.18	52.77	74.00	-21.23
2498.480	Average	28.06	13.18	41.24	54.00	-12.76

Report No.: TMWK2201000110KR

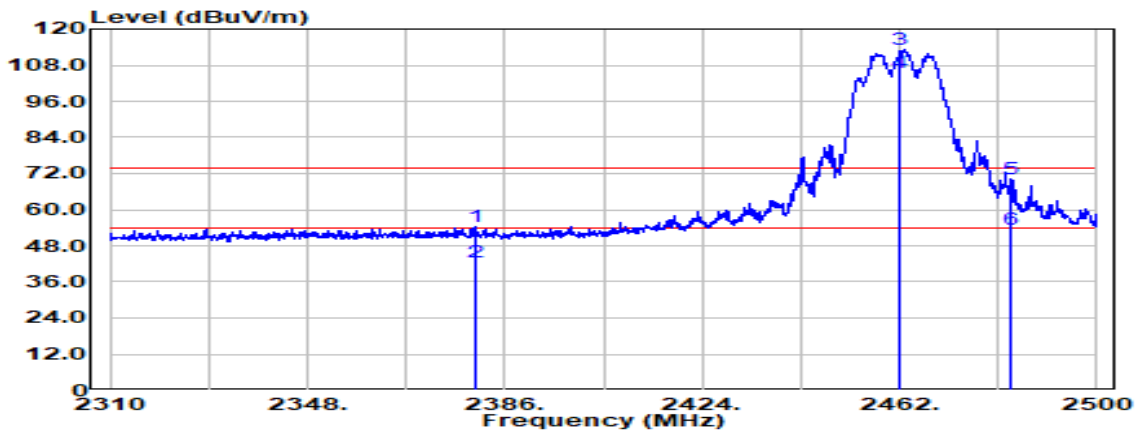
Test Mode	IEEE 802.11g CH 2412MHz	Temp/Hum	23.8(°C)/ 68%RH
Test Item	Band Edge	Test Date	May 5, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak and Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2389.990	Peak	52.05	12.48	64.53	74.00	-9.47
2389.990	Average	38.21	12.48	50.69	54.00	-3.31
2412.000	Peak	97.19	12.61	109.80	--	--
2412.000	Average	89.31	12.61	101.92	--	--
2497.815	Peak	40.69	13.18	53.87	74.00	-20.13
2497.815	Average	29.00	13.18	42.18	54.00	-11.82

Report No.: TMWK2201000110KR

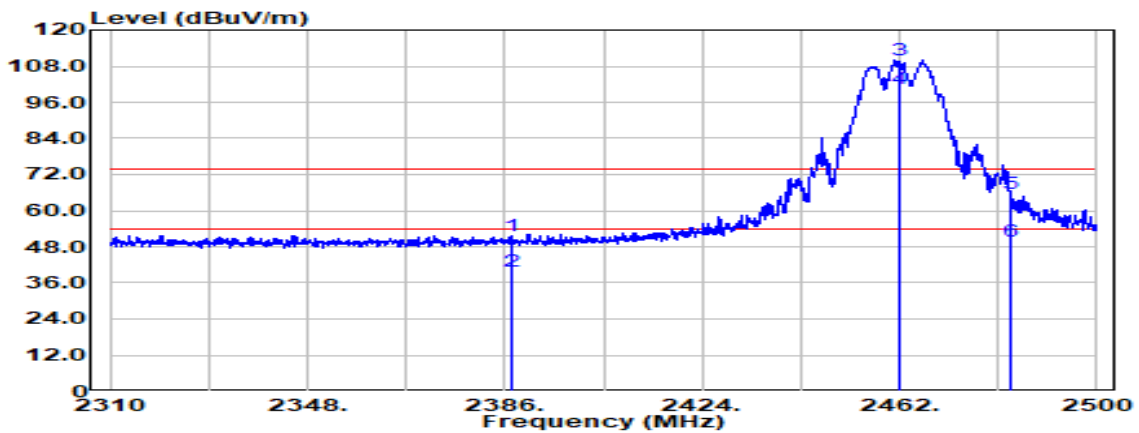
Test Mode	IEEE 802.11g CH 2462MHz	Temp/Hum	23.8(°C)/ 68%RH
Test Item	Band Edge	Test Date	May 5, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak and Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2380.205	Peak	41.95	12.43	54.38	74.00	-19.62
2380.205	Average	30.15	12.43	42.58	54.00	-11.42
2462.000	Peak	100.23	12.93	113.17	--	--
2462.000	Average	92.67	12.93	105.60	--	--
2483.500	Peak	56.94	13.08	70.02	74.00	-3.98
2483.500	Average	40.48	13.08	53.56	54.00	-0.44

Report No.: TMWK2201000110KR

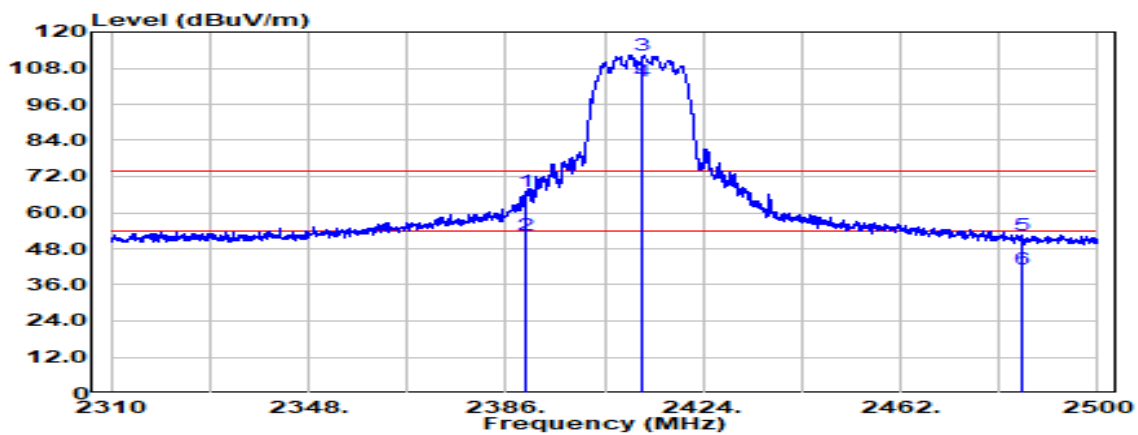
Test Mode	IEEE 802.11g CH 2462MHz	Temp/Hum	20.8(°C)/ 61%RH
Test Item	Band Edge	Test Date	March 26, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak and Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBUV)	Factor (dB)	Actual FS (dBUV/m)	Limit @3m (dBUV/m)	Margin (dB)
2387.425	Peak	39.27	12.47	51.73	74.00	-22.27
2387.425	Average	27.33	12.47	39.79	54.00	-14.21
2462.000	Peak	97.28	12.93	110.21	--	--
2462.000	Average	87.76	12.93	100.69	--	--
2483.500	Peak	52.48	13.08	65.56	74.00	-8.44
2483.500	Average	36.51	13.08	49.59	54.00	-4.41

Report No.: TMWK2201000110KR

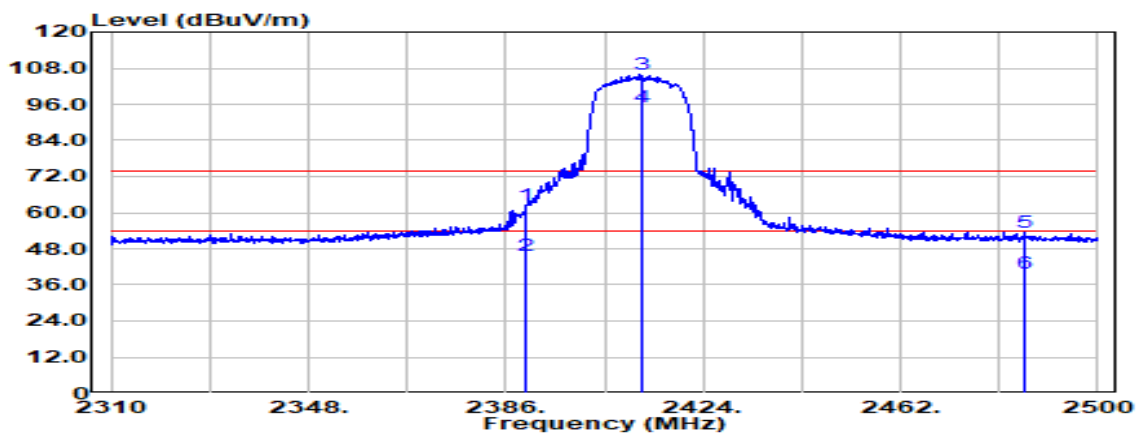
Test Mode	IEEE 802.11 ac (VHT20) CH 2412MHz	Temp/Hum	20.8(°C)/ 61%RH
Test Item	Band Edge	Test Date	March 26, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak and Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2389.990	Peak	54.43	12.48	66.91	74.00	-7.09
2389.990	Average	40.20	12.48	52.68	54.00	-1.32
2412.000	Peak	99.76	12.61	112.37	--	--
2412.000	Average	90.91	12.61	103.52	--	--
2485.370	Peak	39.52	13.09	52.61	74.00	-21.39
2485.370	Average	27.97	13.09	41.06	54.00	-12.94

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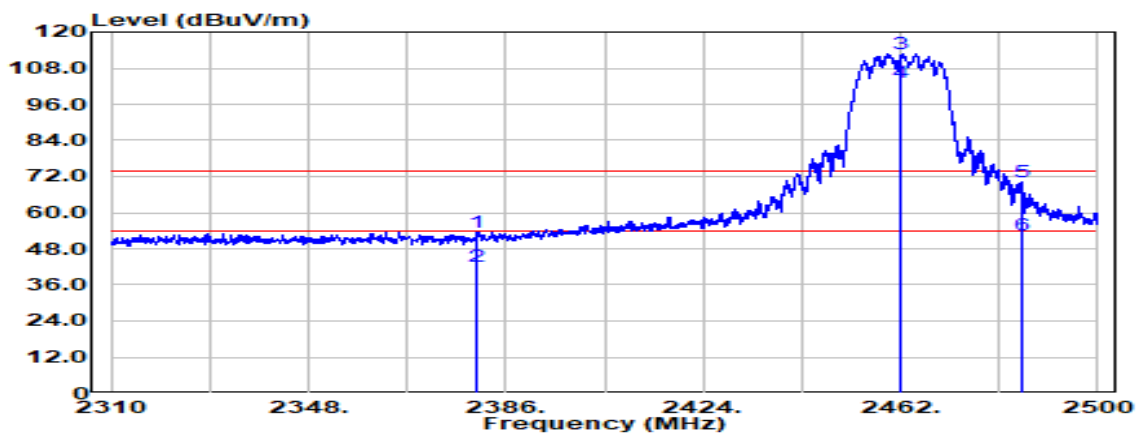
Test Mode	IEEE 802.11 ac (VHT20) CH 2412MHz	Temp/Hum	20.8(°C)/ 61%RH
Test Item	Band Edge	Test Date	March 26, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak & Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2389.800	Peak	50.05	12.48	62.53	74.00	-11.47
2389.800	Average	33.47	12.48	45.95	54.00	-8.05
2412.000	Peak	93.33	12.61	105.93	--	--
2412.000	Average	82.68	12.61	95.29	--	--
2485.750	Peak	40.40	13.09	53.49	74.00	-20.51
2485.750	Average	26.81	13.09	39.90	54.00	-14.10

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Test Mode	IEEE 802.11 ac (VHT20) CH 2462MHz	Temp/Hum	20.8(°C)/ 61%RH
Test Item	Band Edge	Test Date	March 26, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak and Average		

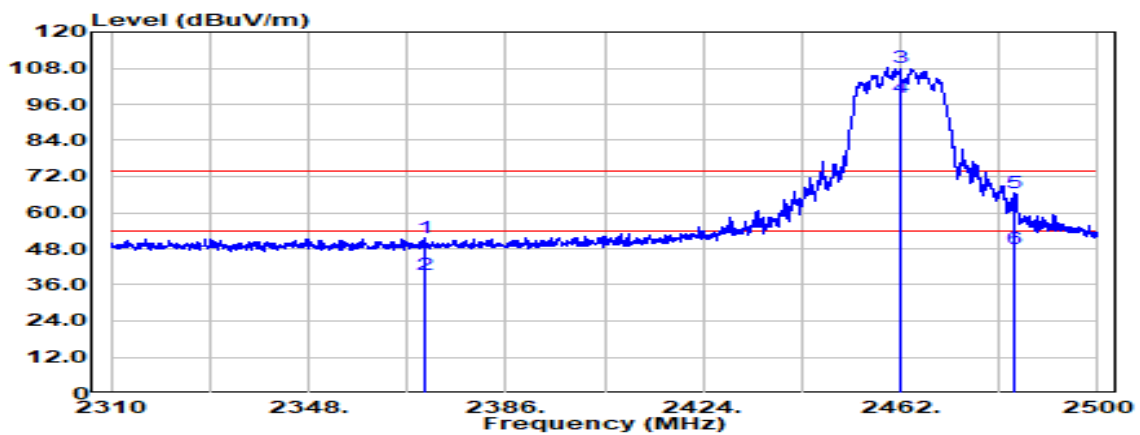


Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2380.585	Peak	41.11	12.43	53.54	74.00	-20.46
2380.585	Average	29.54	12.43	41.97	54.00	-12.03
2462.000	Peak	99.91	12.93	112.85	--	--
2462.000	Average	90.36	12.93	103.30	--	--
2485.180	Peak	56.88	13.09	69.97	74.00	-4.03
2485.180	Average	39.30	13.09	52.38	54.00	-1.62



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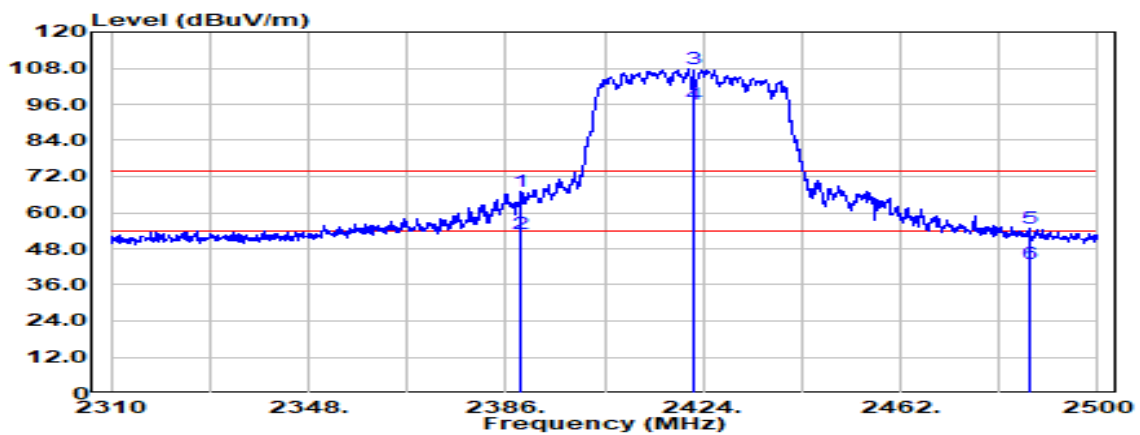
Test Mode	IEEE 802.11 ac (VHT20) CH 2462MHz	Temp/Hum	20.8(°C)/ 61%RH
Test Item	Band Edge	Test Date	March 26, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak & Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2370.420	Peak	39.16	12.38	51.54	74.00	-22.46
2370.420	Average	27.01	12.38	39.40	54.00	-14.60
2462.000	Peak	95.43	12.93	108.37	--	--
2462.000	Average	85.12	12.93	98.05	--	--
2483.755	Peak	53.62	13.08	66.70	74.00	-7.30
2483.755	Average	35.09	13.08	48.17	54.00	-5.83

Report No.: TMWK2201000110KR

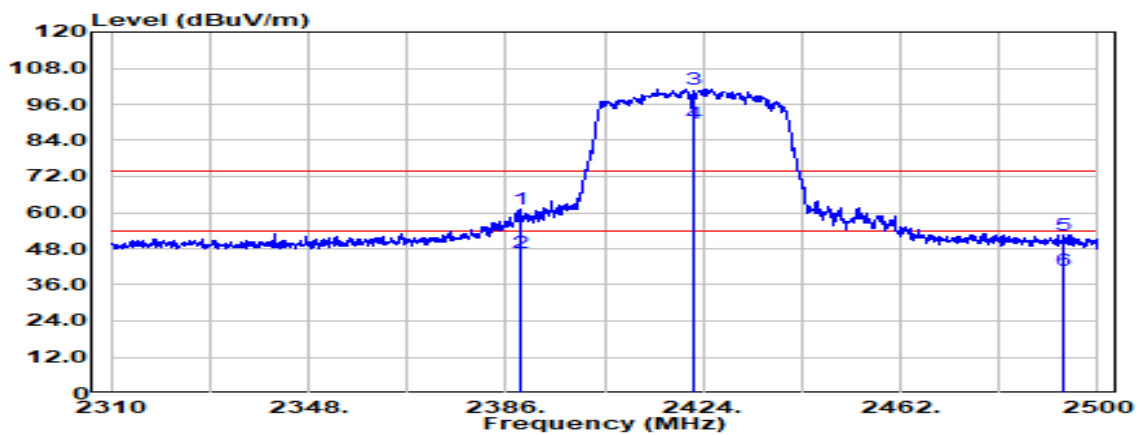
Test Mode	IEEE 802.11 ac (VHT40) CH 2422MHz	Temp/Hum	20.8(°C)/ 61%RH
Test Item	Band Edge	Test Date	March 26, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak and Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2388.945	Peak	54.48	12.47	66.96	74.00	-7.04
2388.945	Average	40.39	12.47	52.87	54.00	-1.13
2422.000	Peak	94.91	12.67	107.59	--	--
2422.000	Average	83.17	12.67	95.84	--	--
2486.985	Peak	41.52	13.10	54.62	74.00	-19.38
2486.985	Average	29.82	13.10	42.92	54.00	-11.08

Report No.: TMWK2201000110KR

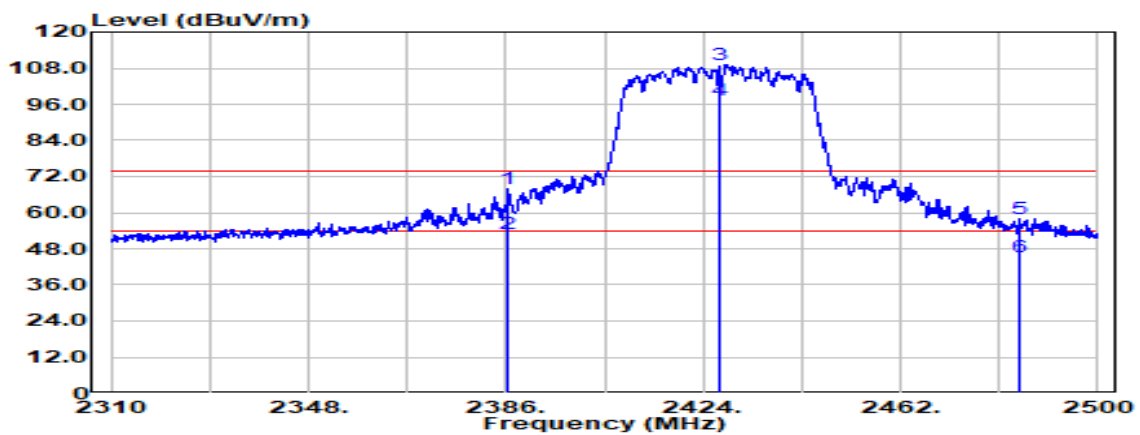
Test Mode	IEEE 802.11 ac (VHT40) CH 2422MHz	Temp/Hum	20.8(°C)/ 61%RH
Test Item	Band Edge	Test Date	March 26, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak & Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2388.660	Peak	48.45	12.47	60.93	74.00	-13.07
2388.660	Average	33.94	12.47	46.42	54.00	-7.58
2422.000	Peak	88.46	12.67	101.13	--	--
2422.000	Average	77.02	12.67	89.69	--	--
2493.255	Peak	39.44	13.14	52.59	74.00	-21.41
2493.255	Average	27.41	13.14	40.55	54.00	-13.45

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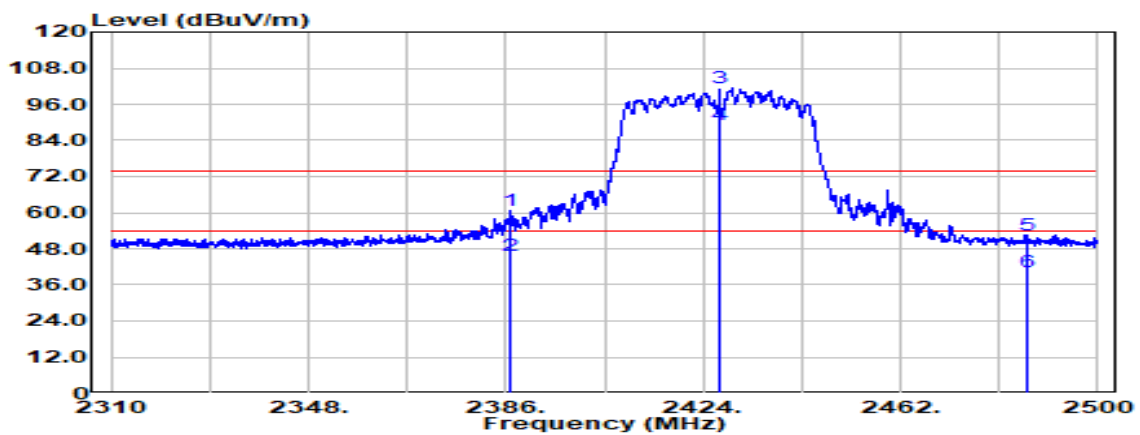
Test Mode	IEEE 802.11 ac (VHT40) CH 2427MHz	Temp/Hum	20.8(°C)/ 61%RH
Test Item	Band Edge	Test Date	March 26, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak and Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2386.570	Peak	55.57	12.46	68.03	74.00	-5.97
2386.570	Average	40.30	12.46	52.76	54.00	-1.24
2427.000	Peak	96.43	12.70	109.13	--	--
2427.000	Average	84.55	12.70	97.26	--	--
2484.990	Peak	44.82	13.09	57.91	74.00	-16.09
2484.990	Average	32.38	13.09	45.47	54.00	-8.53

Report No.: TMWK2201000110KR

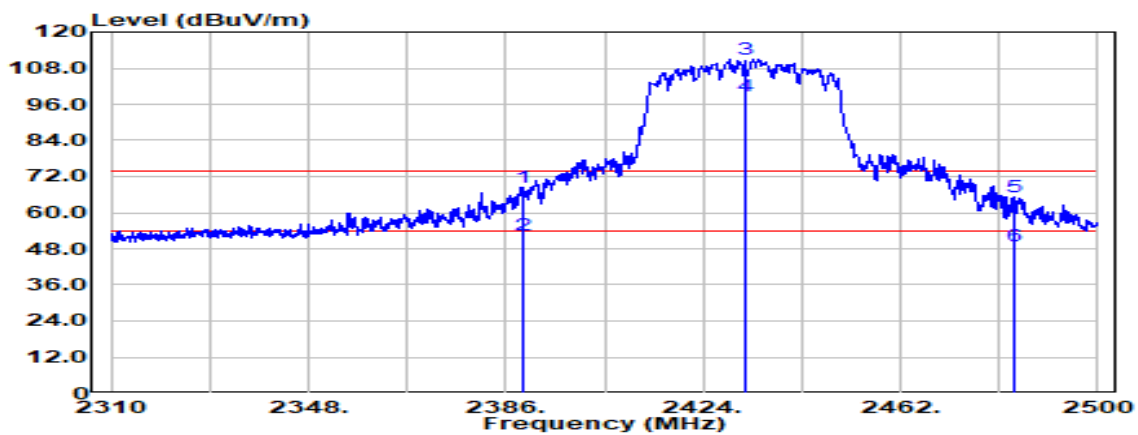
Test Mode	IEEE 802.11 ac (VHT40) CH 2427MHz	Temp/Hum	20.8(°C)/ 61%RH
Test Item	Band Edge	Test Date	March 26, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak & Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2387.045	Peak	48.40	12.47	60.86	74.00	-13.14
2387.045	Average	33.31	12.47	45.77	54.00	-8.23
2427.000	Peak	88.72	12.70	101.42	--	--
2427.000	Average	76.68	12.70	89.39	--	--
2486.225	Peak	39.65	13.10	52.74	74.00	-21.26
2486.225	Average	27.27	13.10	40.36	54.00	-13.64

Report No.: TMWK2201000110KR

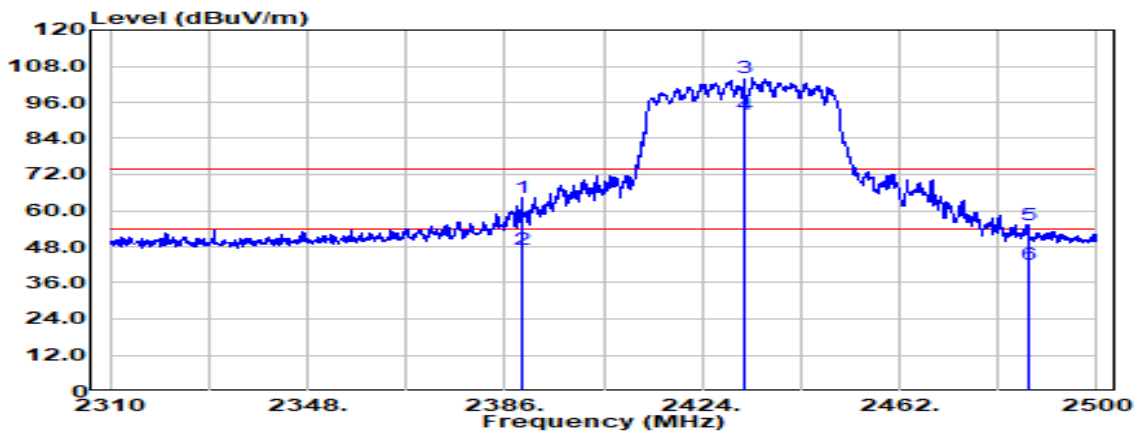
Test Mode	IEEE 802.11 ac (VHT40) CH 2432MHz	Temp/Hum	20.8(°C)/ 61%RH
Test Item	Band Edge	Test Date	March 26, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak and Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2389.515	Peak	55.75	12.48	68.23	74.00	-5.77
2389.515	Average	40.05	12.48	52.53	54.00	-1.47
2432.000	Peak	98.29	12.73	111.02	--	--
2432.000	Average	86.18	12.73	98.92	--	--
2483.945	Peak	52.26	13.08	65.34	74.00	-8.66
2483.945	Average	35.87	13.08	48.95	54.00	-5.05

Report No.: TMWK2201000110KR

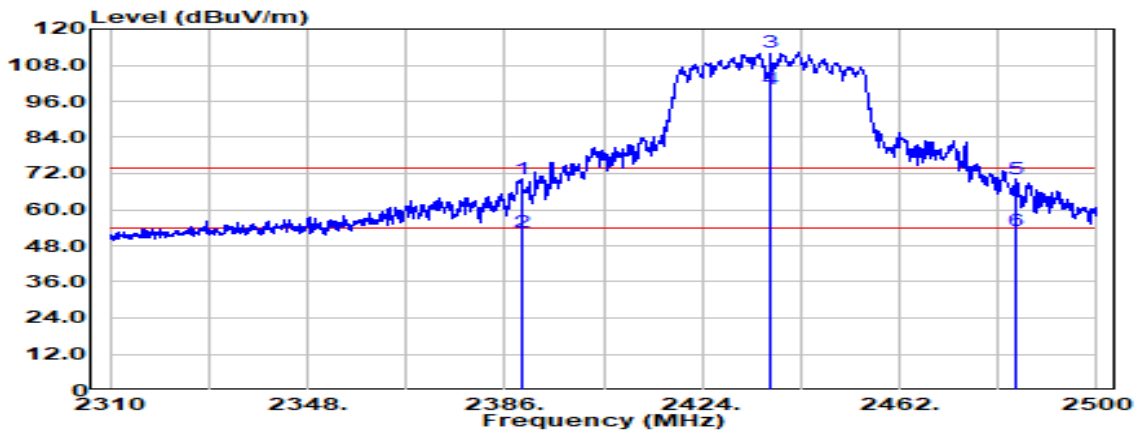
Test Mode	IEEE 802.11 ac (VHT40) CH 2432MHz	Temp/Hum	20.8(°C)/ 61%RH
Test Item	Band Edge	Test Date	March 26, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak & Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2389.230	Peak	51.84	12.48	64.32	74.00	-9.68
2389.230	Average	34.50	12.48	46.97	54.00	-7.03
2432.000	Peak	91.24	12.73	103.97	--	--
2432.000	Average	79.10	12.73	91.83	--	--
2486.700	Peak	41.98	13.10	55.08	74.00	-18.92
2486.700	Average	28.94	13.10	42.04	54.00	-11.96

Report No.: TMWK2201000110KR

Test Mode	IEEE 802.11 ac (VHT40) CH 2437MHz	Temp/Hum	22.5(°C)/ 63%RH
Test Item	Band Edge	Test Date	March 27, 2022
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak and Average		

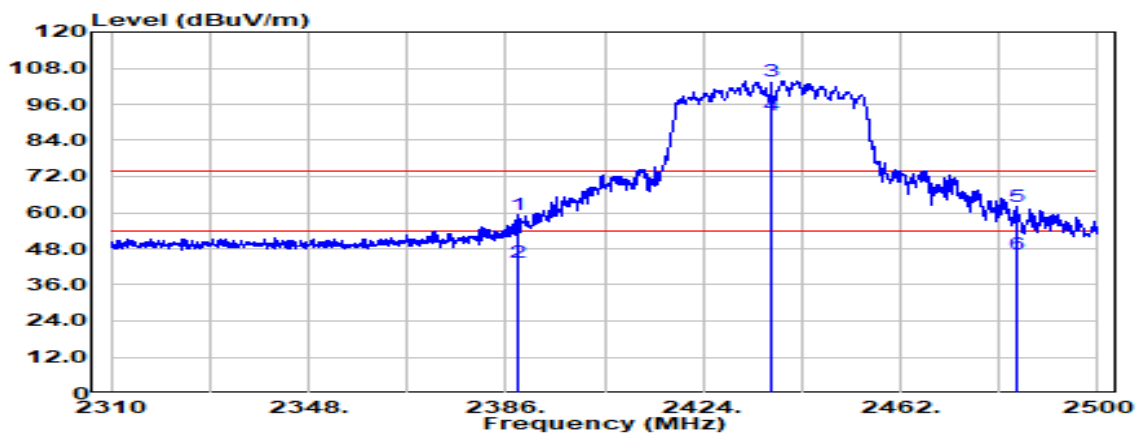


Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2389.135	Peak	57.57	12.48	70.05	74.00	-3.95
2389.135	Average	39.87	12.48	52.34	54.00	-1.66
2437.000	Peak	99.48	12.77	112.24	--	--
2437.000	Average	87.32	12.77	100.09	--	--
2484.325	Peak	57.14	13.08	70.22	74.00	-3.78
2484.325	Average	39.99	13.08	53.07	54.00	-0.93



Report No.: TMWK2201000110KR

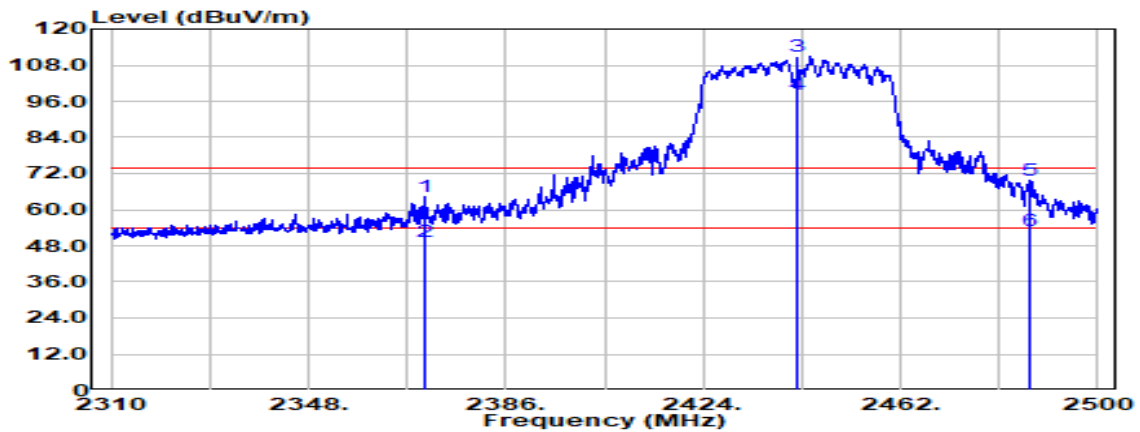
Test Mode	IEEE 802.11 ac (VHT40) CH 2437MHz	Temp/Hum	22.5(°C)/ 63%RH
Test Item	Band Edge	Test Date	March 27, 2022
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2388.375	Peak	46.84	12.47	59.31	74.00	-14.69
2388.375	Average	31.17	12.47	43.64	54.00	-10.36
2437.000	Peak	91.13	12.77	103.90	--	--
2437.000	Average	79.63	12.77	92.39	--	--
2484.325	Peak	49.14	13.08	62.22	74.00	-11.78
2484.325	Average	32.88	13.08	45.97	54.00	-8.03

Report No.: TMWK2201000110KR

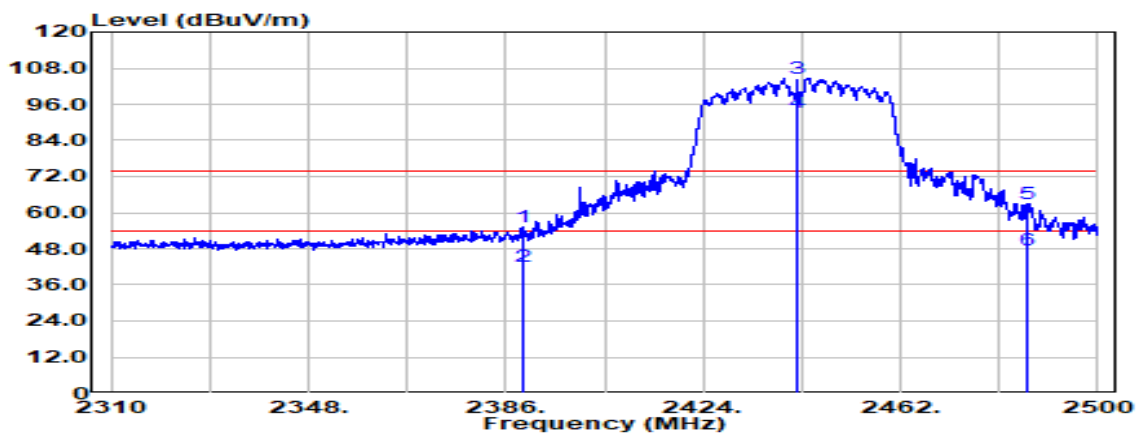
Test Mode	IEEE 802.11 ac (VHT40) CH 2442MHz	Temp/Hum	20.8(°C)/ 61%RH
Test Item	Band Edge	Test Date	March 26, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak and Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2370.515	Peak	52.08	12.38	64.47	74.00	-9.53
2370.515	Average	37.17	12.38	49.55	54.00	-4.45
2442.000	Peak	97.93	12.80	110.73	--	--
2442.000	Average	85.43	12.80	98.23	--	--
2486.985	Peak	56.61	13.10	69.72	74.00	-4.28
2486.985	Average	39.93	13.10	53.03	54.00	-0.97

Report No.: TMWK2201000110KR

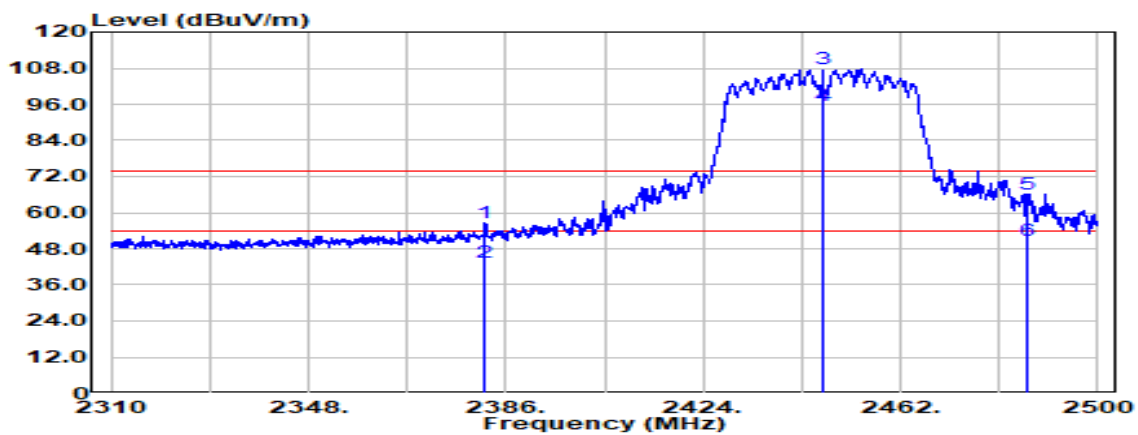
Test Mode	IEEE 802.11 ac (VHT40) CH 2442MHz	Temp/Hum	20.8(°C)/ 61%RH
Test Item	Band Edge	Test Date	March 26, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak & Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
2389.135	Peak	42.83	12.48	55.31	74.00	-18.69
2389.135	Average	29.52	12.48	41.99	54.00	-12.01
2442.000	Peak	91.97	12.80	104.77	--	--
2442.000	Average	80.54	12.80	93.34	--	--
2486.605	Peak	50.05	13.10	63.15	74.00	-10.85
2486.605	Average	34.26	13.10	47.36	54.00	-6.64

Report No.: TMWK2201000110KR

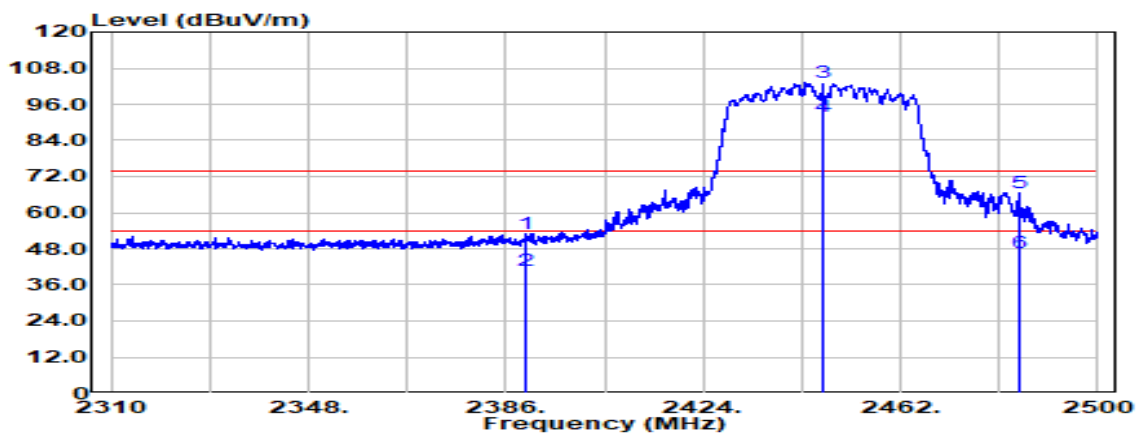
Test Mode	IEEE 802.11 ac (VHT40) CH 2447MHz	Temp/Hum	20.8(°C)/ 61%RH
Test Item	Band Edge	Test Date	March 26, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak and Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2382.010	Peak	44.06	12.44	56.50	74.00	-17.50
2382.010	Average	31.05	12.44	43.49	54.00	-10.51
2447.000	Peak	94.94	12.83	107.77	--	--
2447.000	Average	82.62	12.83	95.45	--	--
2486.320	Peak	53.13	13.10	66.23	74.00	-7.77
2486.320	Average	37.80	13.10	50.90	54.00	-3.10

Report No.: TMWK2201000110KR

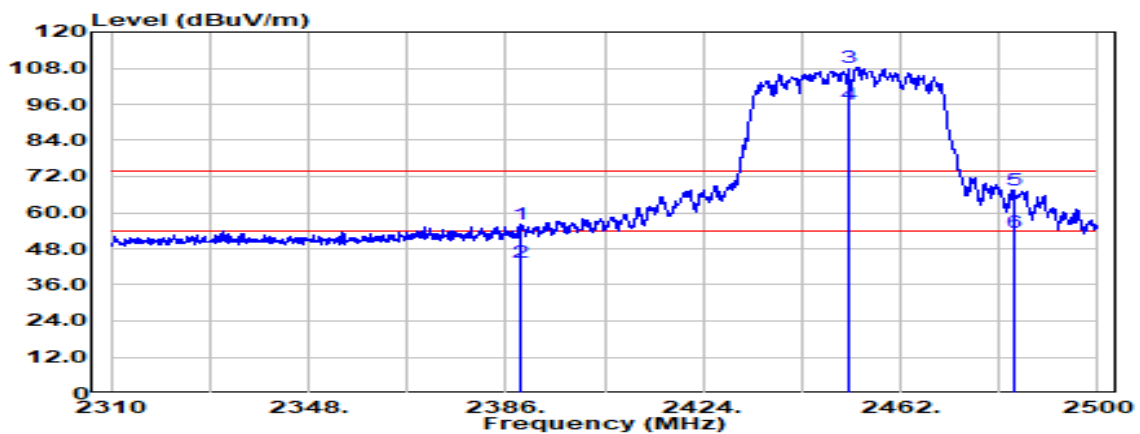
Test Mode	IEEE 802.11 ac (VHT40) CH 2447MHz	Temp/Hum	20.8(°C)/ 61%RH
Test Item	Band Edge	Test Date	March 26, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak & Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2389.990	Peak	40.32	12.48	52.80	74.00	-21.20
2389.990	Average	28.10	12.48	40.58	54.00	-13.42
2447.000	Peak	90.39	12.83	103.22	--	--
2447.000	Average	79.15	12.83	91.98	--	--
2484.800	Peak	53.42	13.09	66.51	74.00	-7.49
2484.800	Average	33.66	13.09	46.74	54.00	-7.26

Report No.: TMWK2201000110KR

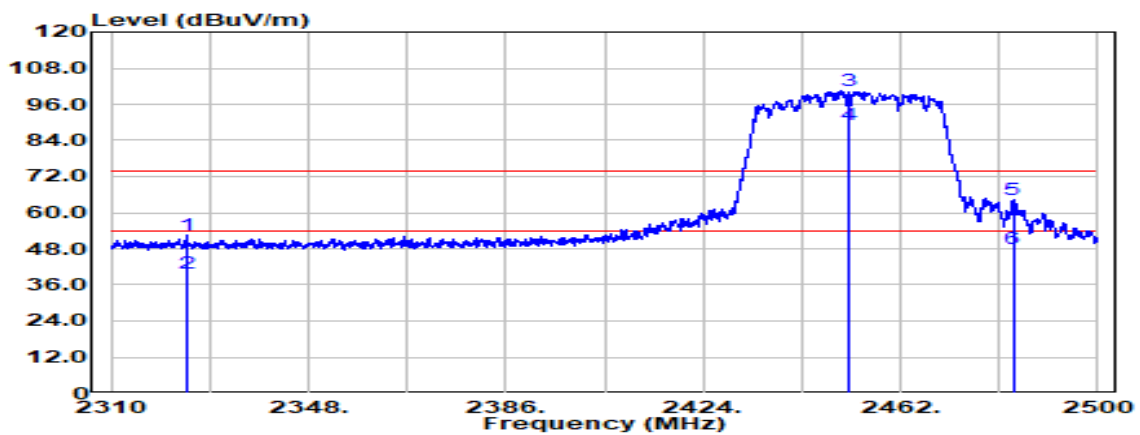
Test Mode	IEEE 802.11 ac (VHT40) CH 2452MHz	Temp/Hum	20.8(°C)/ 61%RH
Test Item	Band Edge	Test Date	March 26, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak and Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2388.945	Peak	43.47	12.47	55.94	74.00	-18.06
2388.945	Average	31.15	12.47	43.63	54.00	-10.37
2452.000	Peak	95.21	12.86	108.07	--	--
2452.000	Average	83.07	12.86	95.94	--	--
2483.945	Peak	54.52	13.08	67.60	74.00	-6.40
2483.945	Average	40.25	13.08	53.33	54.00	-0.67

Report No.: TMWK2201000110KR

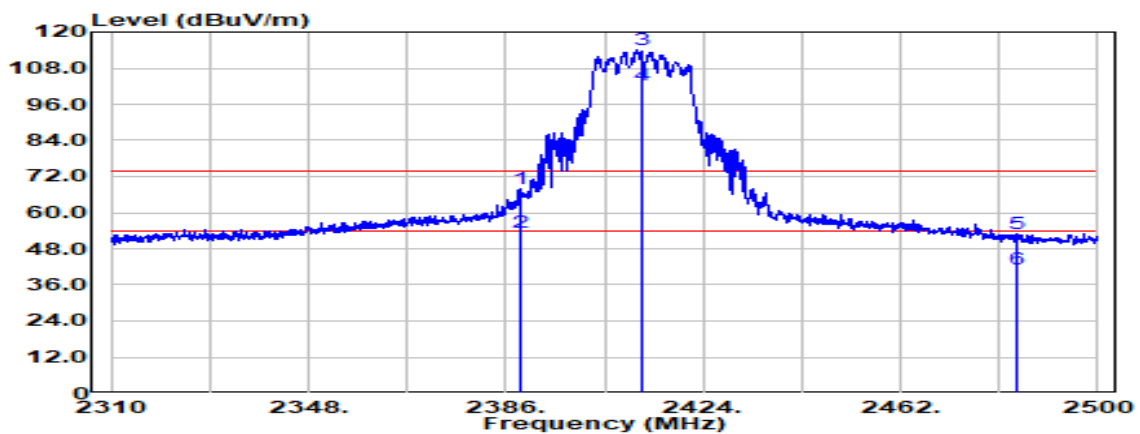
Test Mode	IEEE 802.11 ac (VHT40) CH 2452MHz	Temp/Hum	20.8(°C)/ 61%RH
Test Item	Band Edge	Test Date	March 26, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak & Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2324.440	Peak	40.24	12.24	52.48	74.00	-21.52
2324.440	Average	27.63	12.24	39.86	54.00	-14.14
2452.000	Peak	87.44	12.86	100.31	--	--
2452.000	Average	76.23	12.86	89.10	--	--
2483.660	Peak	51.34	13.08	64.42	74.00	-9.58
2483.660	Average	34.86	13.08	47.94	54.00	-6.06

Report No.: TMWK2201000110KR

Test Mode	IEEE 802.11 ax (HE20) CH 2412MHz	Temp/Hum	20.8(°C)/ 61%RH
Test Item	Band Edge	Test Date	March 26, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak and Average		

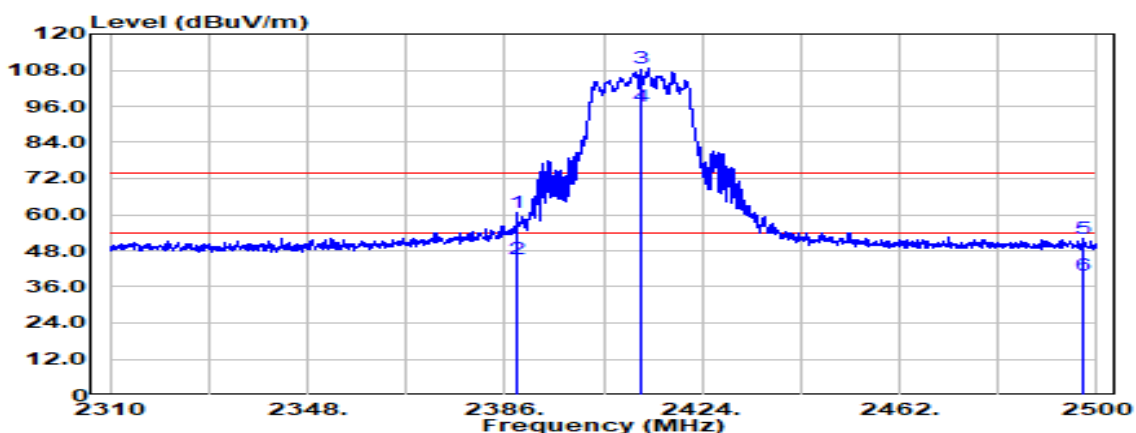


Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2388.945	Peak	55.33	12.47	67.81	74.00	-6.19
2388.945	Average	40.91	12.47	53.38	54.00	-0.62
2412.000	Peak	101.49	12.61	114.09	--	--
2412.000	Average	89.65	12.61	102.26	--	--
2484.230	Peak	39.91	13.08	52.99	74.00	-21.01
2484.230	Average	28.32	13.08	41.40	54.00	-12.60



Report No.: TMWK2201000110KR

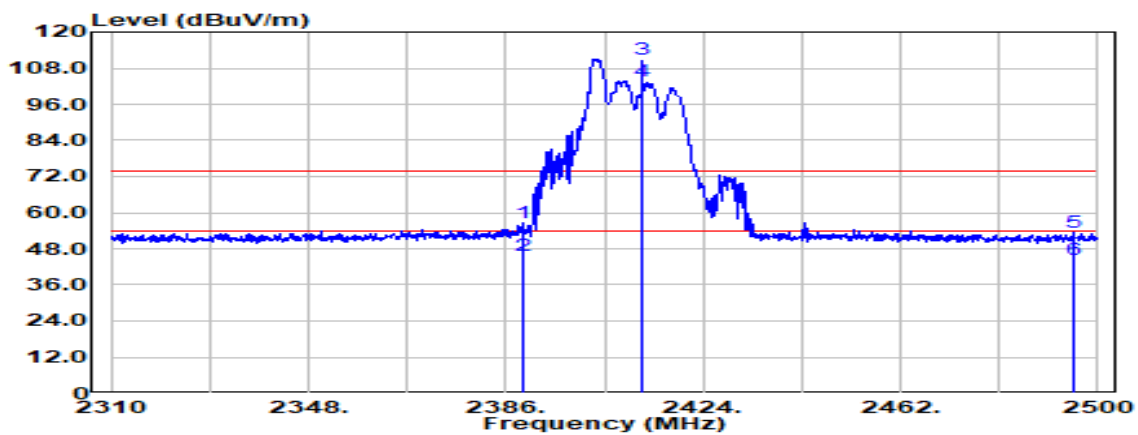
Test Mode	IEEE 802.11 ax (HE20) CH 2412MHz	Temp/Hum	20.8(°C)/ 61%RH
Test Item	Band Edge	Test Date	March 26, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak & Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2388.280	Peak	48.15	12.47	60.63	74.00	-13.37
2388.280	Average	32.84	12.47	45.31	54.00	-8.69
2412.000	Peak	96.04	12.61	108.65	--	--
2412.000	Average	83.25	12.61	95.85	--	--
2497.435	Peak	38.79	13.17	51.96	74.00	-22.04
2497.435	Average	26.59	13.17	39.76	54.00	-14.24

Report No.: TMWK2201000110KR

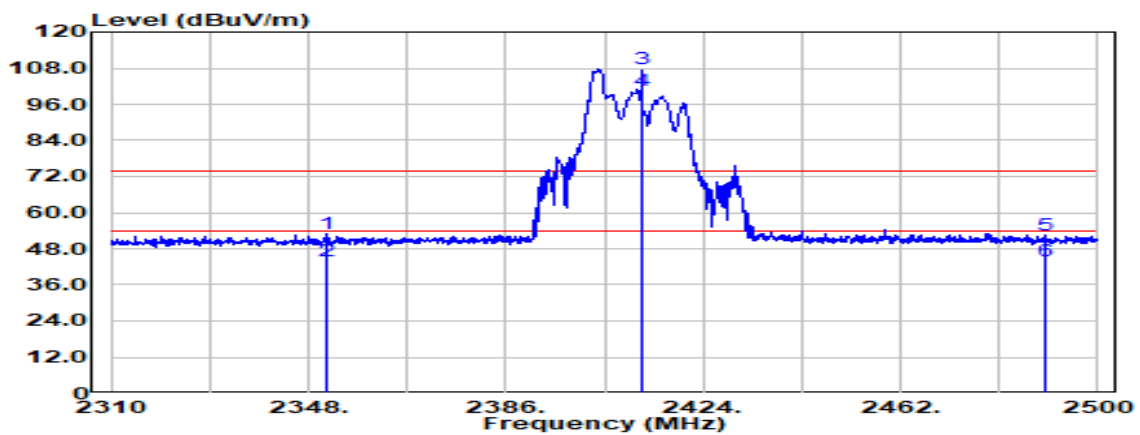
Test Mode	IEEE 802.11 ax (HE20) (16/0) CH 2412MHz	Temp/Hum	21.9(°C)/ 62%RH
Test Item	Band Edge	Test Date	May 3, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak and Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2389.325	Peak	43.96	12.48	56.43	74.00	-17.57
2389.325	Average	33.17	12.48	45.64	54.00	-8.36
2412.000	Peak	98.54	12.61	111.14	--	--
2412.000	Average	91.21	12.61	103.81	--	--
2495.155	Peak	40.27	13.16	53.42	74.00	-20.58
2495.155	Average	31.12	13.16	44.28	54.00	-9.72

Report No.: TMWK2201000110KR

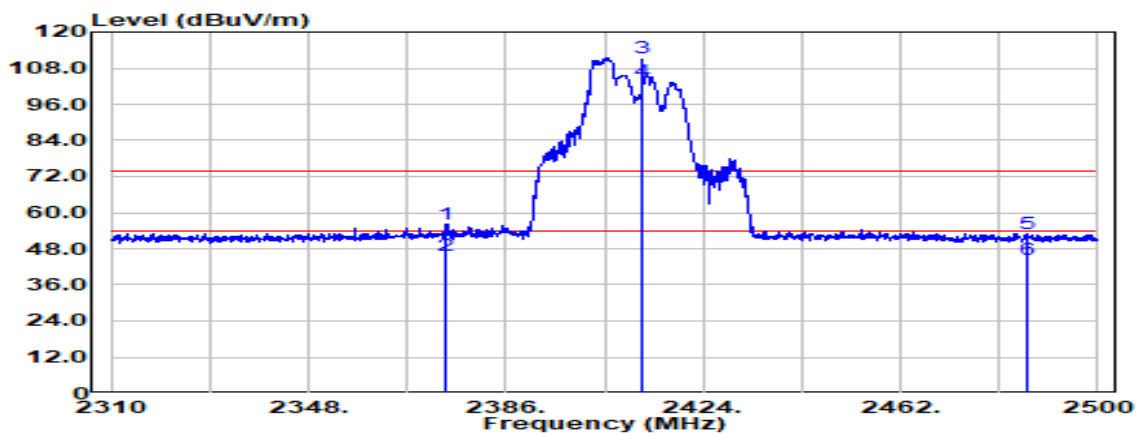
Test Mode	IEEE 802.11 ax (HE20) (16/0) CH 2412MHz	Temp/Hum	21.9(°C)/ 62%RH
Test Item	Band Edge	Test Date	May 3, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak & Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2351.610	Peak	40.65	12.29	52.94	74.00	-21.06
2351.610	Average	31.85	12.29	44.14	54.00	-9.86
2412.000	Peak	95.10	12.61	107.70	--	--
2412.000	Average	87.80	12.61	100.40	--	--
2489.740	Peak	39.57	13.12	52.69	74.00	-21.31
2489.740	Average	30.96	13.12	44.08	54.00	-9.92

Report No.: TMWK2201000110KR

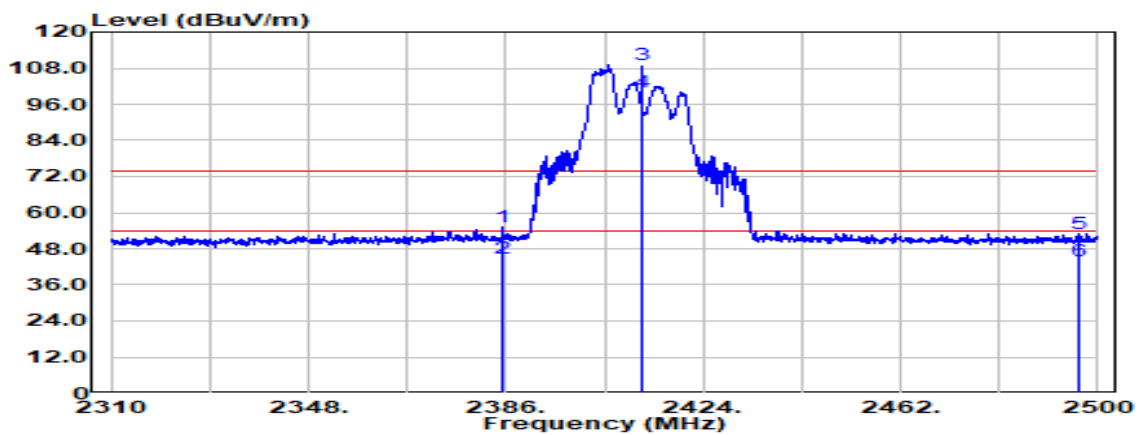
Test Mode	IEEE 802.11 ax (HE20) (52/37) CH 2412MHz	Temp/Hum	21.9(°C)/ 62%RH
Test Item	Band Edge	Test Date	May 3, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak and Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2374.600	Peak	43.67	12.40	56.08	74.00	-17.92
2374.600	Average	33.37	12.40	45.77	54.00	-8.23
2412.000	Peak	98.96	12.61	111.57	--	--
2412.000	Average	91.13	12.61	103.74	--	--
2486.415	Peak	40.01	13.10	53.10	74.00	-20.90
2486.415	Average	31.40	13.10	44.50	54.00	-9.50

Report No.: TMWK2201000110KR

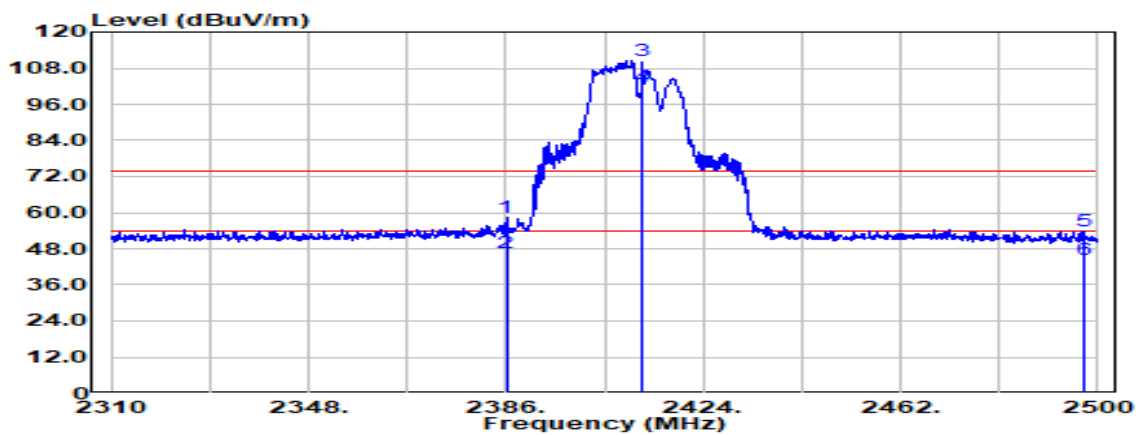
Test Mode	IEEE 802.11 ax (HE20) (52/37) CH 2412MHz	Temp/Hum	21.9(°C)/ 62%RH
Test Item	Band Edge	Test Date	May 3, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak & Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2385.430	Peak	42.62	12.46	55.07	74.00	-18.93
2385.430	Average	32.32	12.46	44.78	54.00	-9.22
2412.000	Peak	96.57	12.61	109.18	--	--
2412.000	Average	87.59	12.61	100.20	--	--
2496.580	Peak	39.76	13.17	52.93	74.00	-21.07
2496.580	Average	30.73	13.17	43.90	54.00	-10.10

Report No.: TMWK2201000110KR

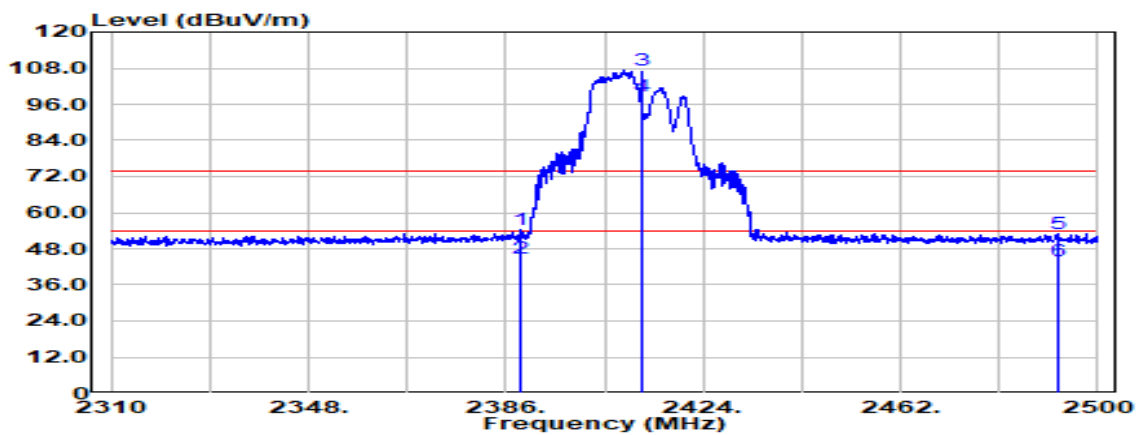
Test Mode	IEEE 802.11 ax (HE20) (106/53) CH 2412MHz	Temp/Hum	21.9(°C)/ 62%RH
Test Item	Band Edge	Test Date	May 3, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak and Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2386.095	Peak	46.13	12.46	58.59	74.00	-15.41
2386.095	Average	34.21	12.46	46.67	54.00	-7.33
2412.000	Peak	98.01	12.61	110.62	--	--
2412.000	Average	89.29	12.61	101.89	--	--
2497.150	Peak	40.73	13.17	53.90	74.00	-20.10
2497.150	Average	31.34	13.17	44.51	54.00	-9.49

Report No.: TMWK2201000110KR

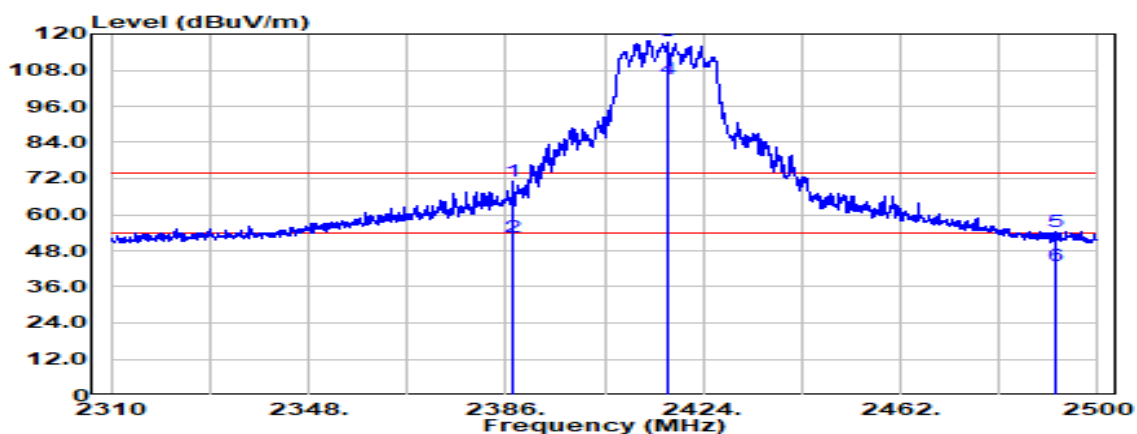
Test Mode	IEEE 802.11 ax (HE20) (106/53) CH 2412MHz	Temp/Hum	21.9(°C)/ 62%RH
Test Item	Band Edge	Test Date	May 3, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak & Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2389.040	Peak	41.82	12.48	54.29	74.00	-19.71
2389.040	Average	32.42	12.48	44.90	54.00	-9.10
2412.000	Peak	94.61	12.61	107.22	--	--
2412.000	Average	86.07	12.61	98.68	--	--
2492.210	Peak	39.89	13.14	53.02	74.00	-20.98
2492.210	Average	31.00	13.14	44.14	54.00	-9.86

Report No.: TMWK2201000110KR

Test Mode	IEEE 802.11 ax (HE20) CH 2417MHz	Temp/Hum	20.8(°C)/ 61%RH
Test Item	Band Edge	Test Date	March 26, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak and Average		

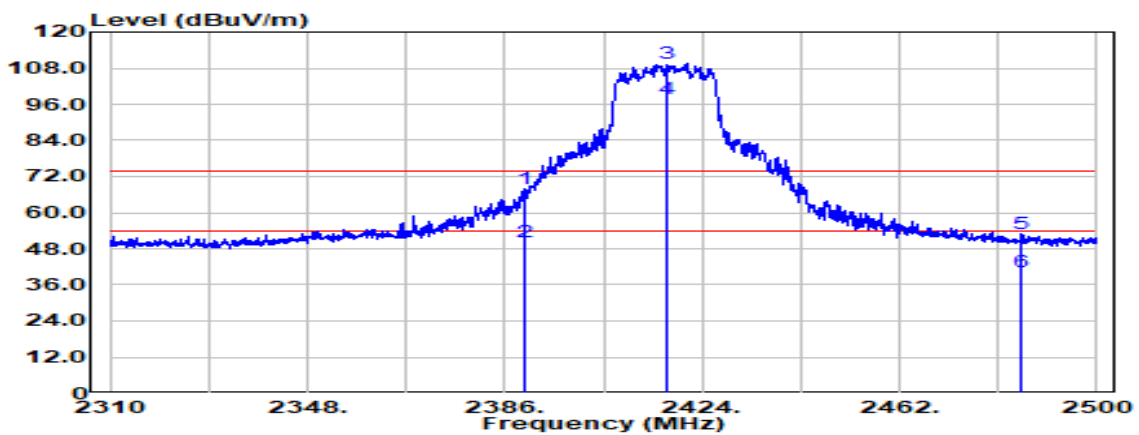


Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2387.330	Peak	58.46	12.47	70.92	74.00	-3.08
2387.330	Average	40.27	12.47	52.74	54.00	-1.26
2417.000	Peak	105.19	12.64	117.82	--	--
2417.000	Average	92.48	12.64	105.12	--	--
2491.735	Peak	41.32	13.13	54.46	74.00	-19.54
2491.735	Average	30.07	13.13	43.20	54.00	-10.80



Report No.: TMWK2201000110KR

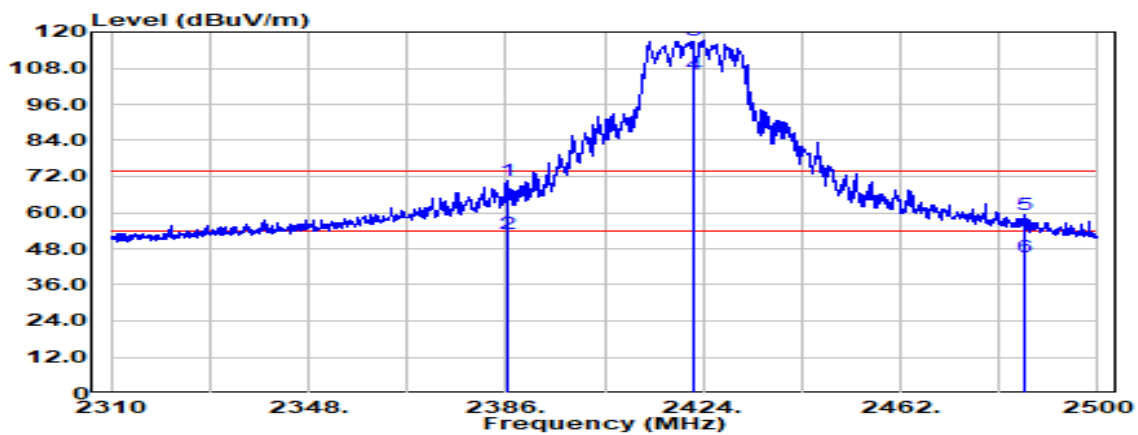
Test Mode	IEEE 802.11 ax (HE20) CH 2417MHz	Temp/Hum	20.8(°C)/ 61%RH
Test Item	Band Edge	Test Date	March 26, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak & Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2389.610	Peak	55.28	12.48	67.76	74.00	-6.24
2389.610	Average	37.61	12.48	50.09	54.00	-3.91
2417.000	Peak	96.73	12.64	109.37	--	--
2417.000	Average	85.39	12.64	98.03	--	--
2485.370	Peak	39.83	13.09	52.92	74.00	-21.08
2485.370	Average	27.22	13.09	40.31	54.00	-13.69

Report No.: TMWK2201000110KR

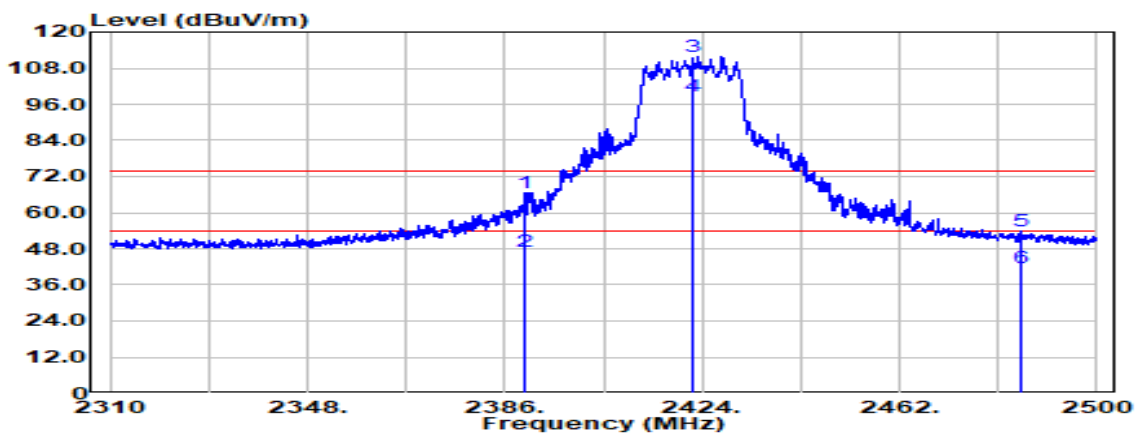
Test Mode	IEEE 802.11 ax (HE20) CH 2422MHz	Temp/Hum	20.8(°C)/ 61%RH
Test Item	Band Edge	Test Date	March 26, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak and Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2386.380	Peak	58.00	12.46	70.46	74.00	-3.54
2386.380	Average	40.71	12.46	53.17	54.00	-0.83
2422.000	Peak	104.48	12.67	117.15	--	--
2422.000	Average	93.22	12.67	105.89	--	--
2485.750	Peak	46.12	13.09	59.21	74.00	-14.79
2485.750	Average	32.39	13.09	45.49	54.00	-8.51

Report No.: TMWK2201000110KR

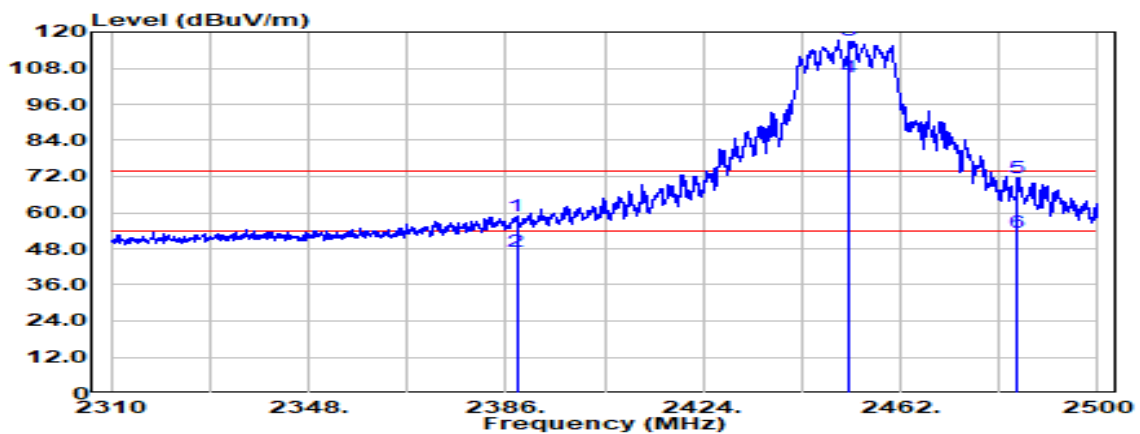
Test Mode	IEEE 802.11 ax (HE20) CH 2422MHz	Temp/Hum	20.8(°C)/ 61%RH
Test Item	Band Edge	Test Date	March 26, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak & Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2389.990	Peak	54.04	12.48	66.52	74.00	-7.48
2389.990	Average	34.41	12.48	46.89	54.00	-7.11
2422.000	Peak	99.17	12.67	111.84	--	--
2422.000	Average	86.19	12.67	98.86	--	--
2485.275	Peak	40.92	13.09	54.01	74.00	-19.99
2485.275	Average	28.56	13.09	41.65	54.00	-12.35

Report No.: TMWK2201000110KR

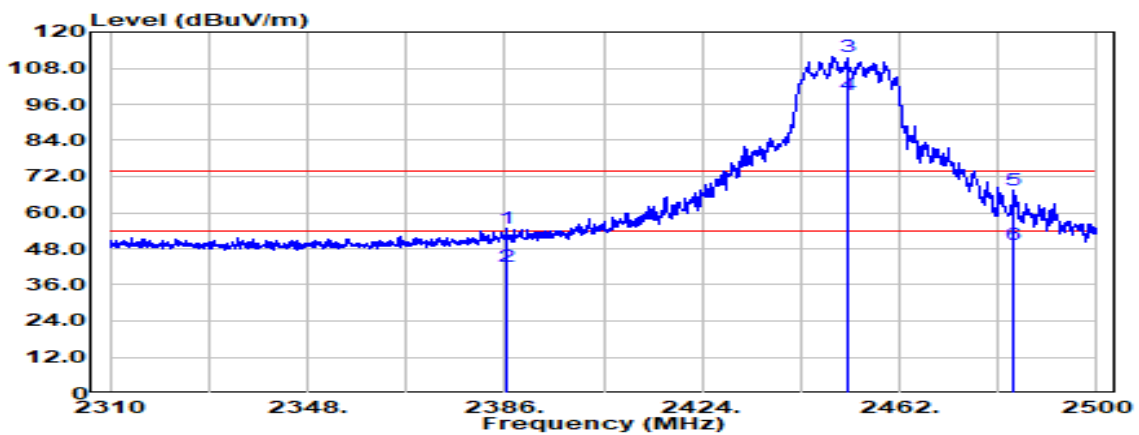
Test Mode	IEEE 802.11 ax (HE20) CH 2452MHz	Temp/Hum	20.8(°C)/ 61%RH
Test Item	Band Edge	Test Date	March 26, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak and Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2388.090	Peak	46.49	12.47	58.96	74.00	-15.04
2388.090	Average	34.57	12.47	47.04	54.00	-6.96
2452.000	Peak	104.20	12.86	117.06	--	--
2452.000	Average	92.02	12.86	104.88	--	--
2484.610	Peak	58.35	13.09	71.44	74.00	-2.56
2484.610	Average	40.39	13.09	53.48	54.00	-0.52

Report No.: TMWK2201000110KR

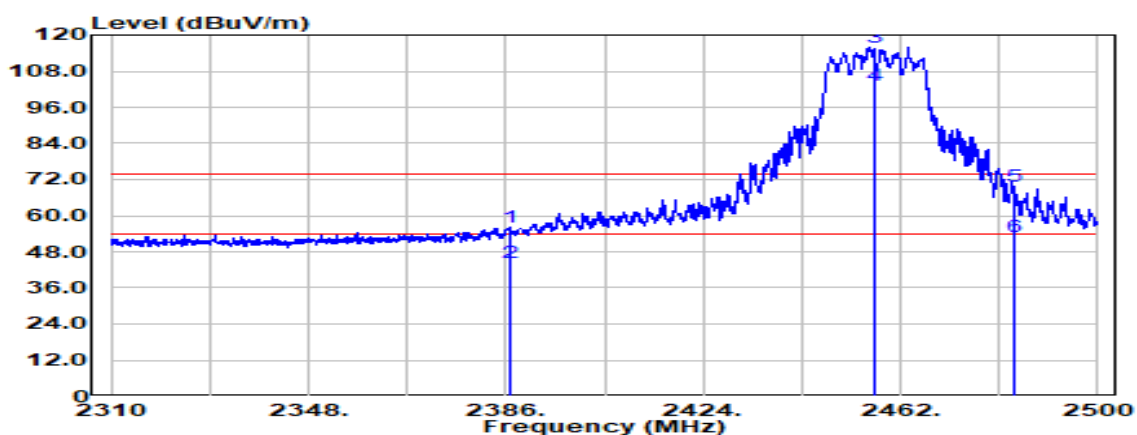
Test Mode	IEEE 802.11 ax (HE20) CH 2452MHz	Temp/Hum	20.8(°C)/ 61%RH
Test Item	Band Edge	Test Date	March 26, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak & Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2386.190	Peak	42.20	12.46	54.67	74.00	-19.33
2386.190	Average	29.56	12.46	42.02	54.00	-11.98
2452.000	Peak	98.77	12.86	111.64	--	--
2452.000	Average	86.16	12.86	99.03	--	--
2484.135	Peak	54.36	13.08	67.44	74.00	-6.56
2484.135	Average	36.18	13.08	49.26	54.00	-4.74

Report No.: TMWK2201000110KR

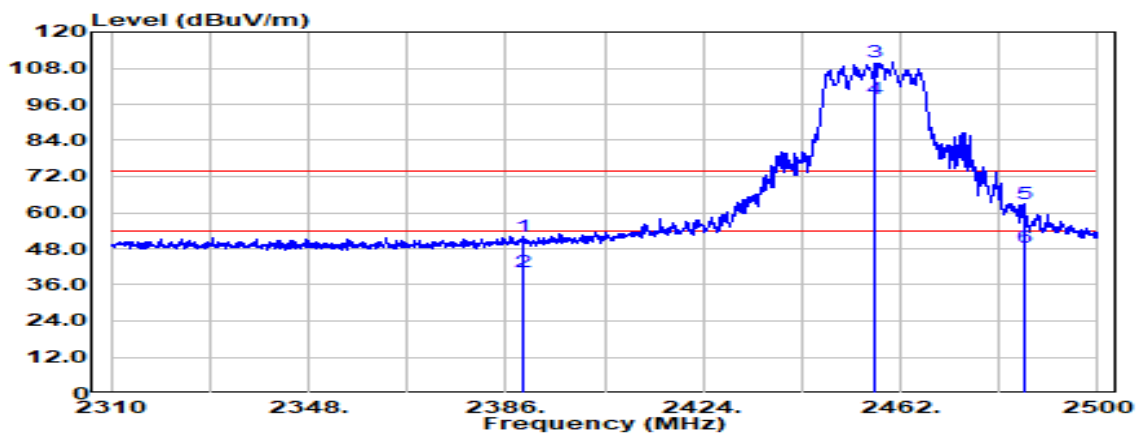
Test Mode	IEEE 802.11 ax (HE20) CH 2457MHz	Temp/Hum	20.8(°C)/ 61%RH
Test Item	Band Edge	Test Date	March 26, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak and Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2386.950	Peak	43.69	12.46	56.16	74.00	-17.84
2386.950	Average	32.12	12.46	44.59	54.00	-9.41
2457.000	Peak	103.16	12.90	116.06	--	--
2457.000	Average	90.41	12.90	103.31	--	--
2483.755	Peak	56.63	13.08	69.71	74.00	-4.29
2483.755	Average	39.91	13.08	52.99	54.00	-1.01

Report No.: TMWK2201000110KR

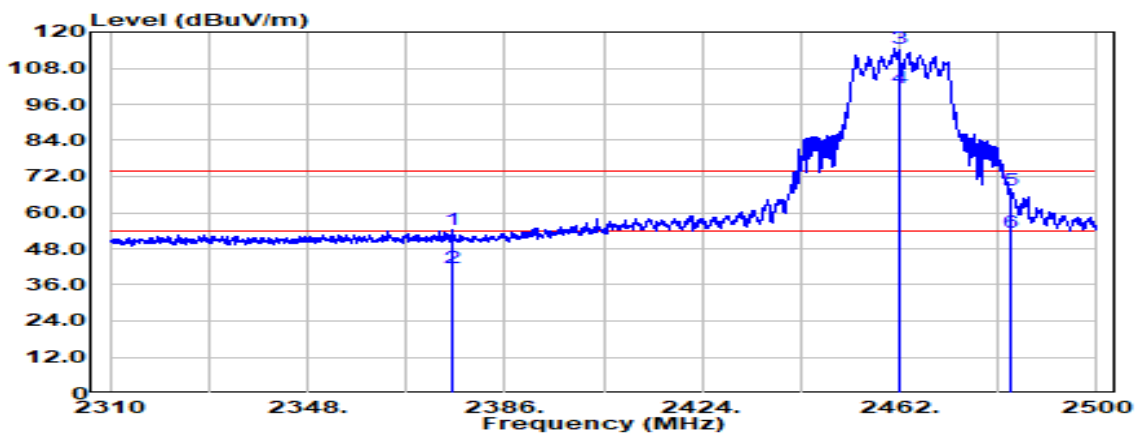
Test Mode	IEEE 802.11 ax (HE20) CH 2457MHz	Temp/Hum	20.8(°C)/ 61%RH
Test Item	Band Edge	Test Date	March 26, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak & Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2389.325	Peak	39.80	12.48	52.28	74.00	-21.72
2389.325	Average	27.67	12.48	40.14	54.00	-13.86
2457.000	Peak	96.97	12.90	109.87	--	--
2457.000	Average	85.01	12.90	97.91	--	--
2485.655	Peak	49.84	13.09	62.93	74.00	-11.07
2485.655	Average	35.31	13.09	48.40	54.00	-5.60

Report No.: TMWK2201000110KR

Test Mode	IEEE 802.11 ax (HE20) CH 2462MHz	Temp/Hum	20.8(°C)/ 61%RH
Test Item	Band Edge	Test Date	March 26, 2022
Polarize	Vertical	Test Engineer	Tony Chao
Detector	Peak and Average		

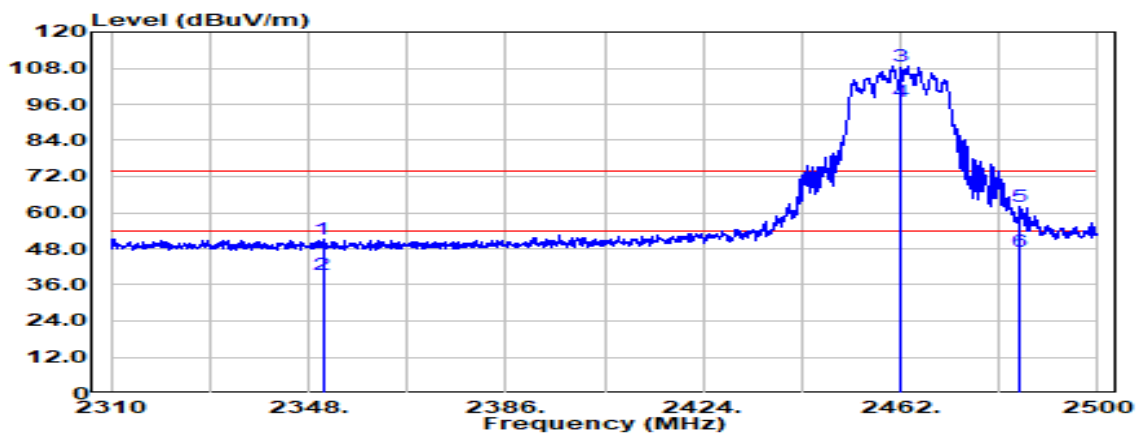


Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2375.835	Peak	41.98	12.41	54.39	74.00	-19.61
2375.835	Average	29.37	12.41	41.78	54.00	-12.22
2462.000	Peak	101.85	12.93	114.78	--	--
2462.000	Average	88.50	12.93	101.43	--	--
2483.500	Peak	54.41	13.08	67.49	74.00	-6.51
2483.500	Average	40.31	13.08	53.38	54.00	-0.62



Report No.: TMWK2201000110KR

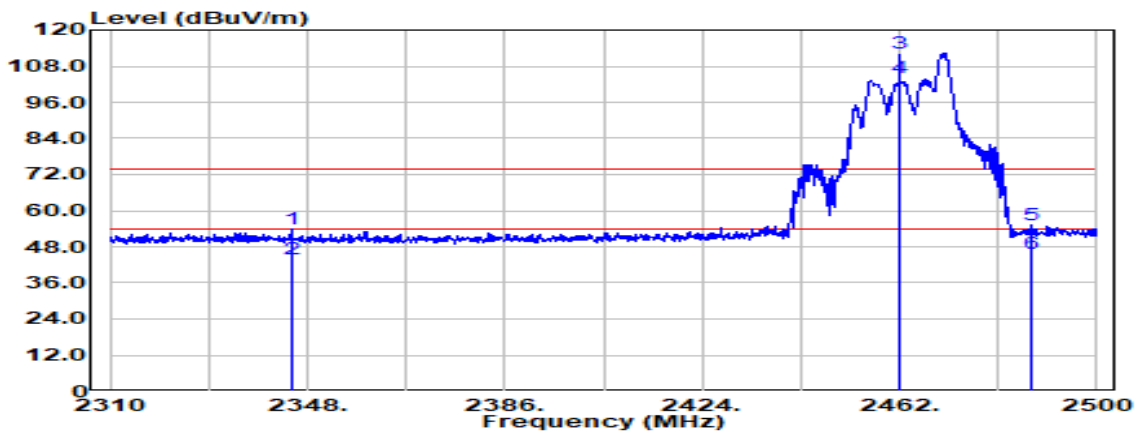
Test Mode	IEEE 802.11 ax (HE20) CH 2462MHz	Temp/Hum	20.8(°C)/ 61%RH
Test Item	Band Edge	Test Date	March 26, 2022
Polarize	Horizontal	Test Engineer	Tony Chao
Detector	Peak & Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2350.755	Peak	38.94	12.28	51.23	74.00	-22.77
2350.755	Average	27.08	12.28	39.36	54.00	-14.64
2462.000	Peak	95.82	12.93	108.76	--	--
2462.000	Average	83.83	12.93	96.76	--	--
2484.990	Peak	49.17	13.09	62.26	74.00	-11.74
2484.990	Average	34.10	13.09	47.18	54.00	-6.82

Report No.: TMWK2201000110KR

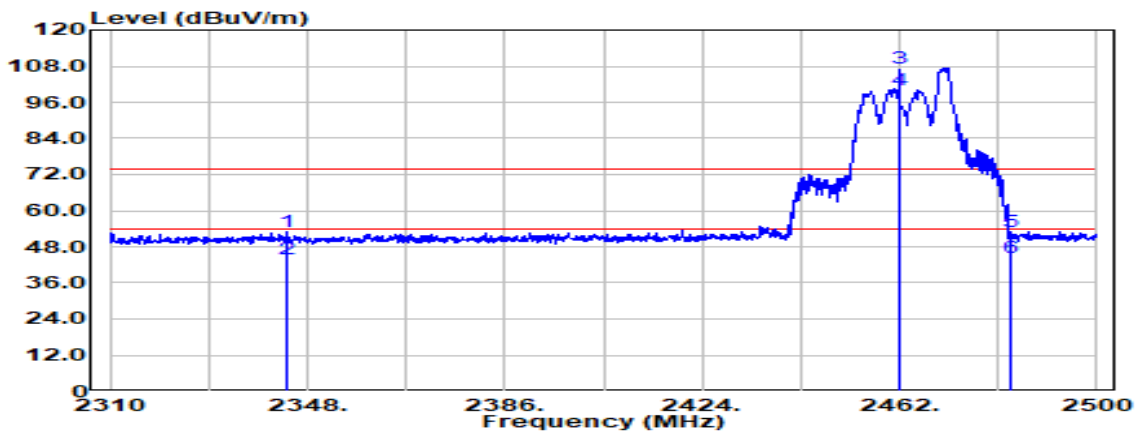
Test Mode	IEEE 802.11 ax (HE20) (26/8) CH 2462MHz	Temp/Hum	21.9(°C)/ 62%RH
Test Item	Band Edge	Test Date	May 3, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak and Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2344.865	Peak	41.55	12.27	53.82	74.00	-20.18
2344.865	Average	31.45	12.27	43.73	54.00	-10.27
2462.000	Peak	99.58	12.93	112.52	--	--
2462.000	Average	91.34	12.93	104.28	--	--
2487.270	Peak	42.00	13.10	55.11	74.00	-18.89
2487.270	Average	32.85	13.10	45.95	54.00	-8.05

Report No.: TMWK2201000110KR

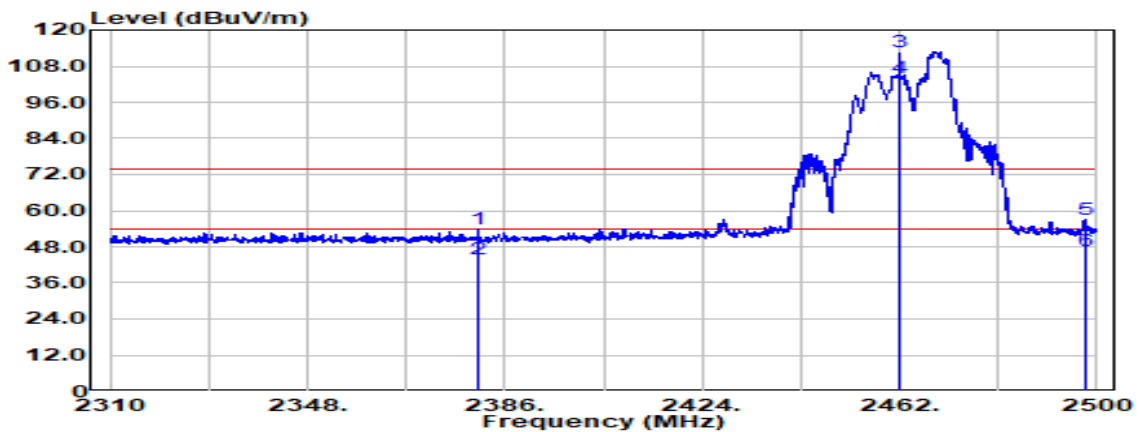
Test Mode	IEEE 802.11 ax (HE20) (26/8) CH 2462MHz	Temp/Hum	21.9(°C)/ 62%RH
Test Item	Band Edge	Test Date	May 3, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak & Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2344.105	Peak	40.59	12.27	52.86	74.00	-21.14
2344.105	Average	31.51	12.27	43.78	54.00	-10.22
2462.000	Peak	94.56	12.93	107.49	--	--
2462.000	Average	87.12	12.93	100.05	--	--
2483.500	Peak	40.06	13.08	53.14	74.00	-20.86
2483.500	Average	31.27	13.08	44.35	54.00	-9.65

Report No.: TMWK2201000110KR

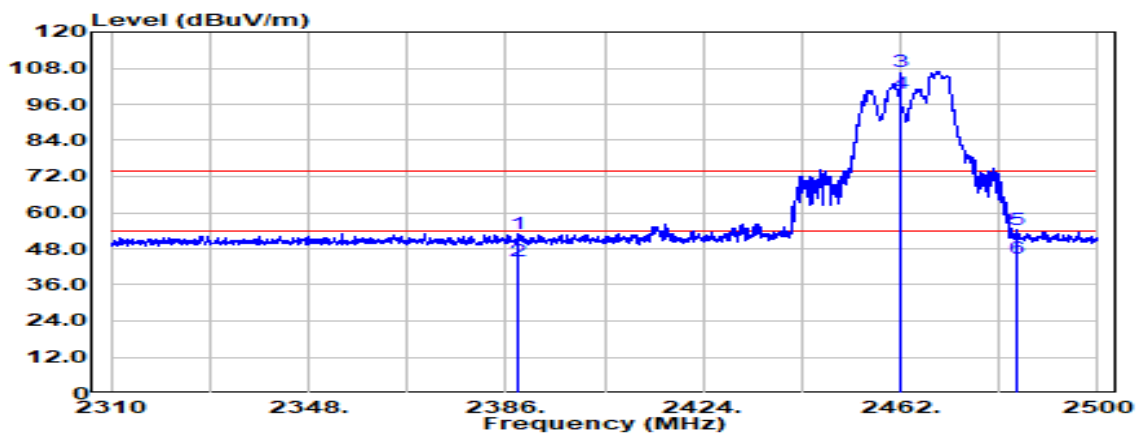
Test Mode	IEEE 802.11 ax (HE20) (52/40) CH 2462MHz	Temp/Hum	21.9(°C)/ 62%RH
Test Item	Band Edge	Test Date	May 3, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak and Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2380.965	Peak	41.63	12.43	54.06	74.00	-19.94
2380.965	Average	31.46	12.43	43.89	54.00	-10.11
2462.000	Peak	100.02	12.93	112.95	--	--
2462.000	Average	91.05	12.93	103.98	--	--
2497.815	Peak	43.85	13.18	57.03	74.00	-16.97
2497.815	Average	33.28	13.18	46.45	54.00	-7.55

Report No.: TMWK2201000110KR

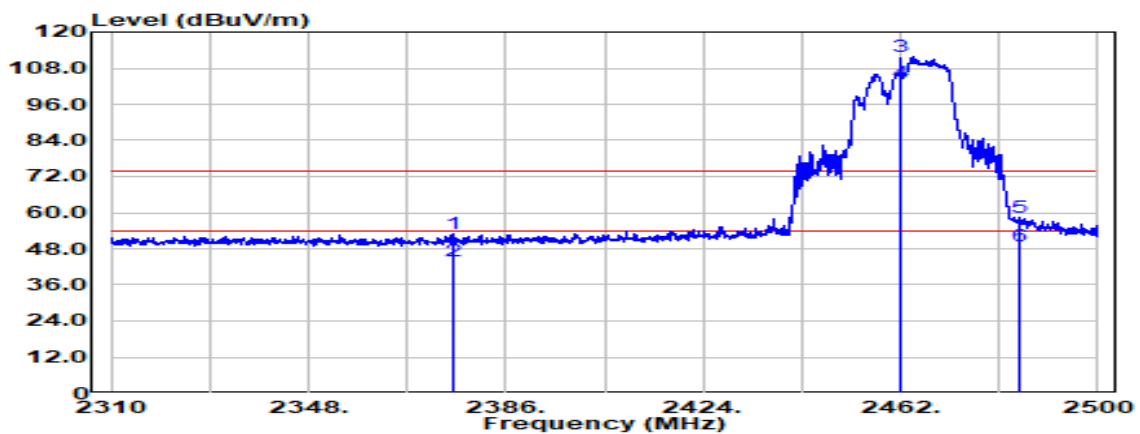
Test Mode	IEEE 802.11 ax (HE20) (52/40) CH 2462MHz	Temp/Hum	21.9(°C)/ 62%RH
Test Item	Band Edge	Test Date	May 3, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak & Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2388.185	Peak	40.51	12.47	52.98	74.00	-21.02
2388.185	Average	31.60	12.47	44.08	54.00	-9.92
2462.000	Peak	94.04	12.93	106.98	--	--
2462.000	Average	86.50	12.93	99.43	--	--
2484.325	Peak	41.18	13.08	54.26	74.00	-19.74
2484.325	Average	31.55	13.08	44.64	54.00	-9.36

Report No.: TMWK2201000110KR

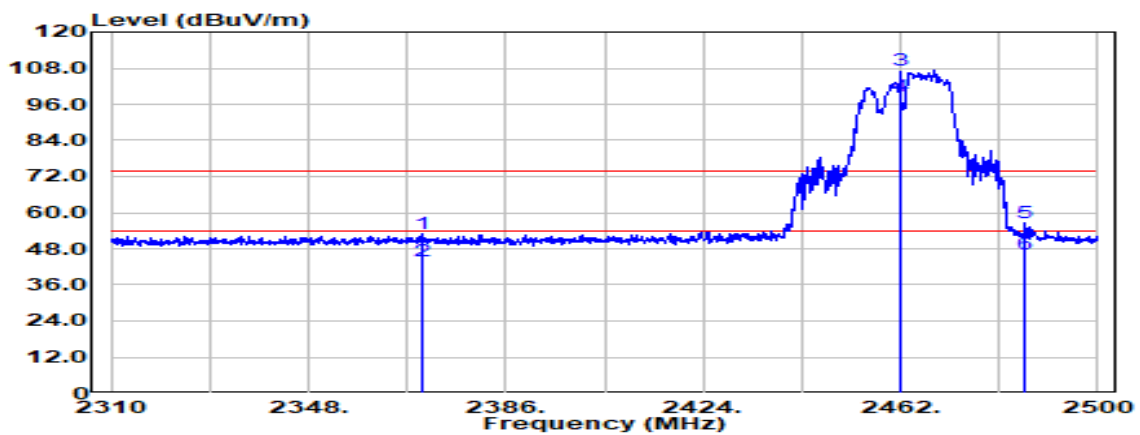
Test Mode	IEEE 802.11 ax (HE20) (106/54) CH 2462MHz	Temp/Hum	21.9(°C)/ 62%RH
Test Item	Band Edge	Test Date	May 3, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak and Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2376.025	Peak	40.68	12.41	53.09	74.00	-20.91
2376.025	Average	31.51	12.41	43.92	54.00	-10.08
2462.000	Peak	98.94	12.93	111.88	--	--
2462.000	Average	90.32	12.93	103.26	--	--
2484.990	Peak	45.38	13.09	58.46	74.00	-15.54
2484.990	Average	36.04	13.09	49.13	54.00	-4.87

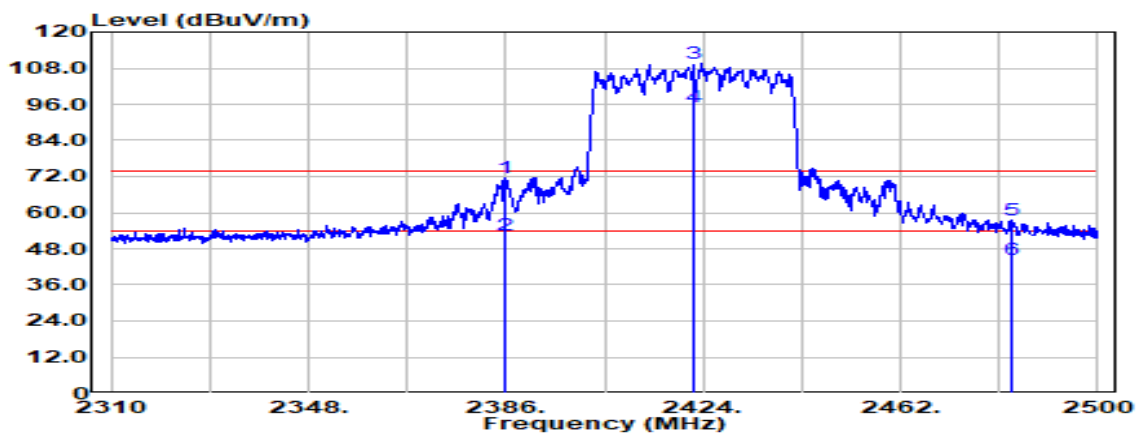
Report No.: TMWK2201000110KR

Test Mode	IEEE 802.11 ax (HE20) (106/54) CH 2462MHz	Temp/Hum	21.9(°C)/ 62%RH
Test Item	Band Edge	Test Date	May 3, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak & Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBUV)	Factor (dB)	Actual FS (dBUV/m)	Limit @3m (dBUV/m)	Margin (dB)
2369.850	Peak	40.41	12.38	52.79	74.00	-21.21
2369.850	Average	31.43	12.38	43.81	54.00	-10.19
2462.000	Peak	94.43	12.93	107.36	--	--
2462.000	Average	85.86	12.93	98.79	--	--
2486.035	Peak	43.41	13.10	56.50	74.00	-17.50
2486.035	Average	33.05	13.10	46.14	54.00	-7.86

Test Mode	IEEE 802.11 ax (HE40) CH 2422MHz	Temp/Hum	22.5(°C)/ 63%RH
Test Item	Band Edge	Test Date	March 27, 2022
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak and Average		

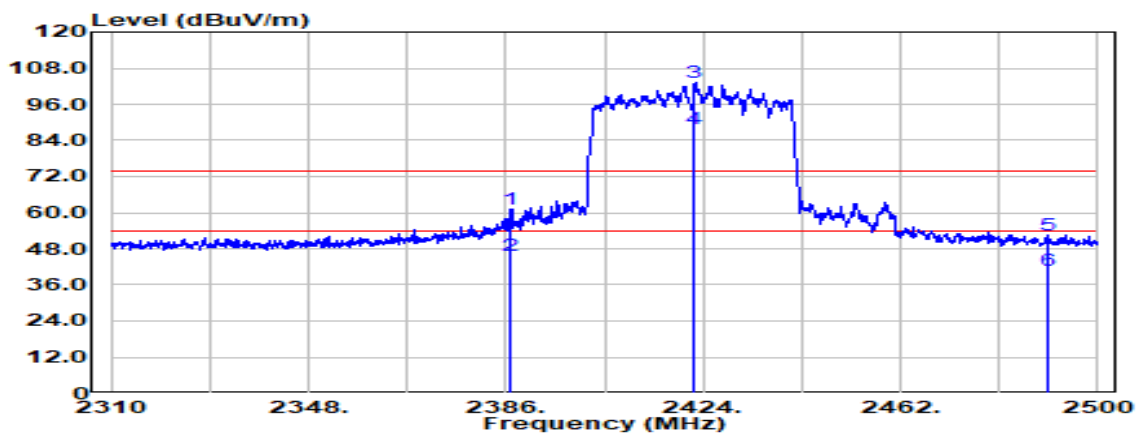


Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2385.715	Peak	58.92	12.46	71.38	74.00	-2.62
2385.715	Average	40.15	12.46	52.61	54.00	-1.39
2422.000	Peak	96.93	12.67	109.60	--	--
2422.000	Average	82.29	12.67	94.96	--	--
2483.565	Peak	44.58	13.08	57.66	74.00	-16.34
2483.565	Average	31.43	13.08	44.50	54.00	-9.50



Report No.: TMWK2201000110KR

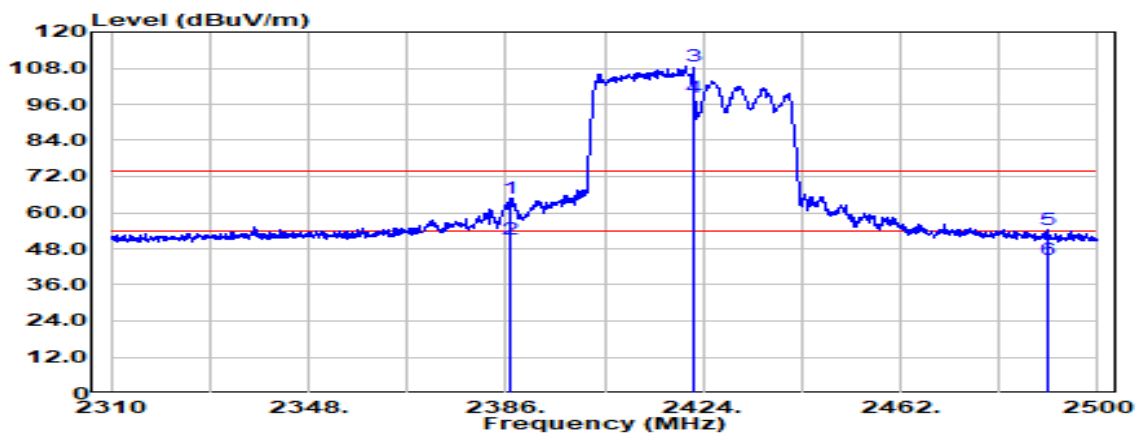
Test Mode	IEEE 802.11 ax (HE40) CH 2422MHz	Temp/Hum	22.5(°C)/ 63%RH
Test Item	Band Edge	Test Date	March 27, 2022
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2387.045	Peak	48.64	12.47	61.10	74.00	-12.90
2387.045	Average	33.11	12.47	45.58	54.00	-8.42
2422.000	Peak	90.35	12.67	103.02	--	--
2422.000	Average	75.18	12.67	87.85	--	--
2490.215	Peak	39.52	13.12	52.65	74.00	-21.35
2490.215	Average	27.63	13.12	40.75	54.00	-13.25

Report No.: TMWK2201000110KR

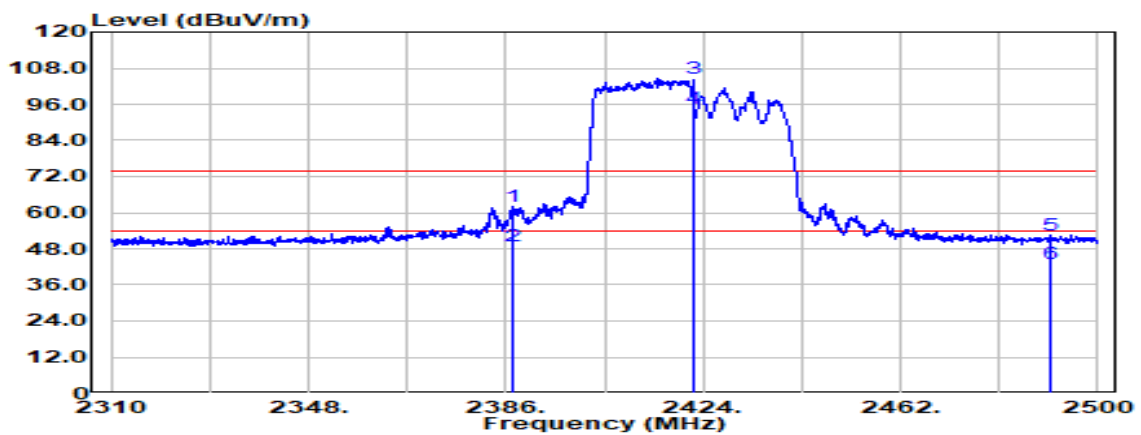
Test Mode	IEEE 802.11 ax (HE40) (242/61)CH 2422MHz	Temp/Hum	21.9(°C)/ 62%RH
Test Item	Band Edge	Test Date	May 3, 2022
Polarize	Vertical	Test Engineer	Ray Li
Detector	Peak and Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2386.950	Peak	52.38	12.46	64.84	74.00	-9.16
2386.950	Average	38.65	12.46	51.11	54.00	-2.89
2422.000	Peak	96.14	12.67	108.81	--	--
2422.000	Average	85.41	12.67	98.08	--	--
2490.405	Peak	41.08	13.12	54.21	74.00	-19.79
2490.405	Average	31.18	13.12	44.30	54.00	-9.70

Report No.: TMWK2201000110KR

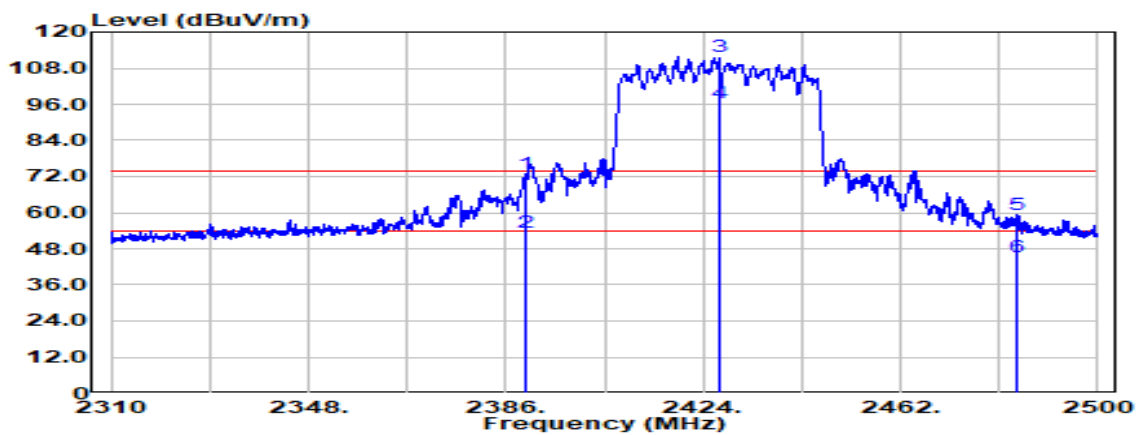
Test Mode	IEEE 802.11 ax (HE40) (242/61) CH 2422MHz	Temp/Hum	21.9(°C)/ 62%RH
Test Item	Band Edge	Test Date	May 3, 2022
Polarize	Horizontal	Test Engineer	Ray Li
Detector	Peak & Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2387.330	Peak	49.42	12.47	61.88	74.00	-12.12
2387.330	Average	36.29	12.47	48.76	54.00	-5.24
2422.000	Peak	91.85	12.67	104.53	--	--
2422.000	Average	82.09	12.67	94.76	--	--
2490.690	Peak	39.21	13.13	52.34	74.00	-21.66
2490.690	Average	29.98	13.13	43.11	54.00	-10.89

Report No.: TMWK2201000110KR

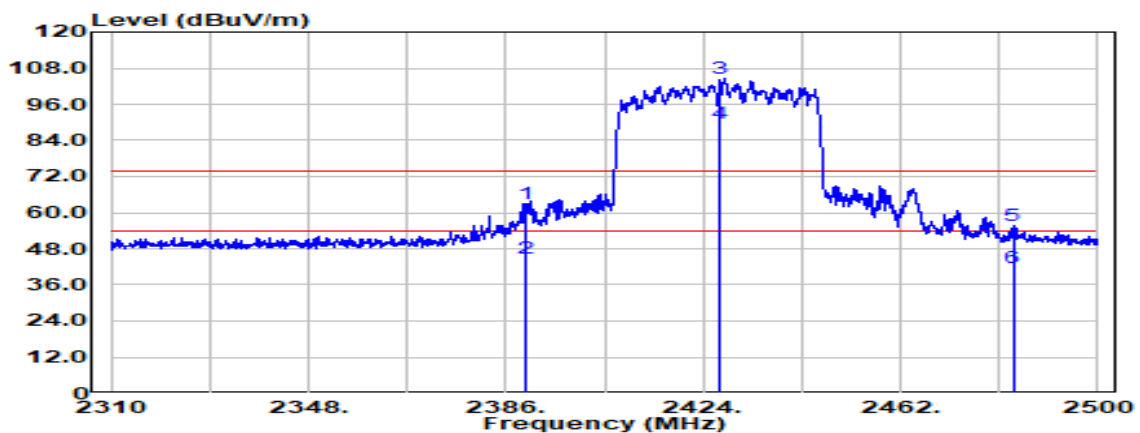
Test Mode	IEEE 802.11 ax (HE40) CH 2427MHz	Temp/Hum	22.5(°C)/ 63%RH
Test Item	Band Edge	Test Date	March 27, 2022
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak and Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2389.990	Peak	60.58	12.48	73.06	74.00	-0.94
2389.990	Average	40.76	12.48	53.24	54.00	-0.76
2427.000	Peak	99.06	12.70	111.77	--	--
2427.000	Average	83.62	12.70	96.32	--	--
2484.515	Peak	46.28	13.08	59.37	74.00	-14.63
2484.515	Average	32.07	13.08	45.15	54.00	-8.85

Report No.: TMWK2201000110KR

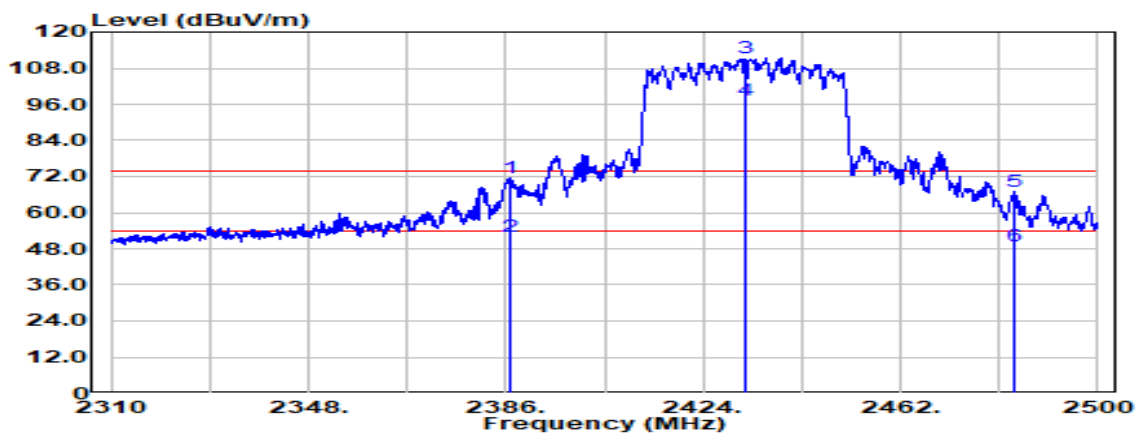
Test Mode	IEEE 802.11 ax (HE40) CH 2427MHz	Temp/Hum	22.5(°C)/ 63%RH
Test Item	Band Edge	Test Date	March 27, 2022
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
2389.990	Peak	50.56	12.48	63.04	74.00	-10.96
2389.990	Average	32.26	12.48	44.74	54.00	-9.26
2427.000	Peak	91.92	12.70	104.63	--	--
2427.000	Average	76.76	12.70	89.46	--	--
2483.660	Peak	42.62	13.08	55.70	74.00	-18.30
2483.660	Average	28.65	13.08	41.73	54.00	-12.27

Report No.: TMWK2201000110KR

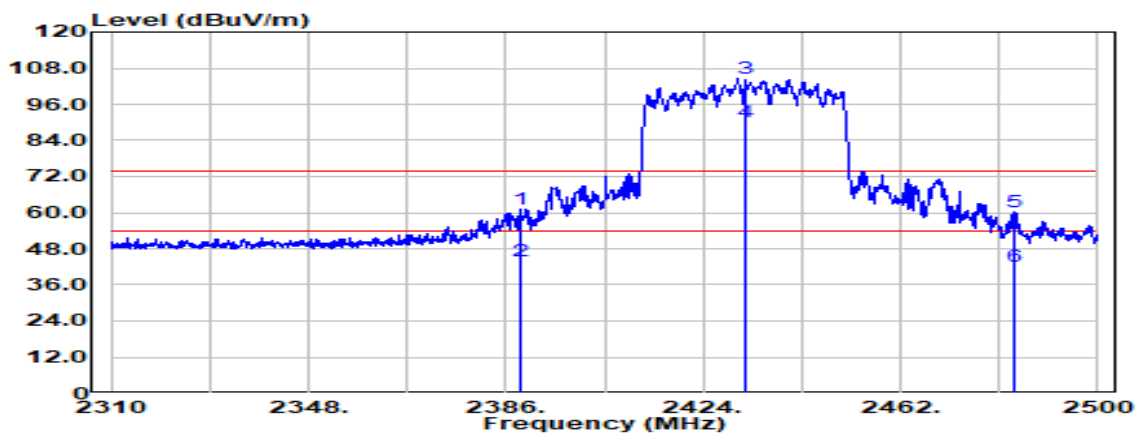
Test Mode	IEEE 802.11 ax (HE40) CH 2432MHz	Temp/Hum	22.5(°C)/ 63%RH
Test Item	Band Edge	Test Date	March 27, 2022
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak and Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2386.855	Peak	59.17	12.46	71.63	74.00	-2.37
2386.855	Average	39.44	12.46	51.90	54.00	-2.10
2432.000	Peak	98.58	12.73	111.31	--	--
2432.000	Average	84.71	12.73	97.44	--	--
2483.945	Peak	53.75	13.08	66.83	74.00	-7.17
2483.945	Average	35.74	13.08	48.82	54.00	-5.18

Report No.: TMWK2201000110KR

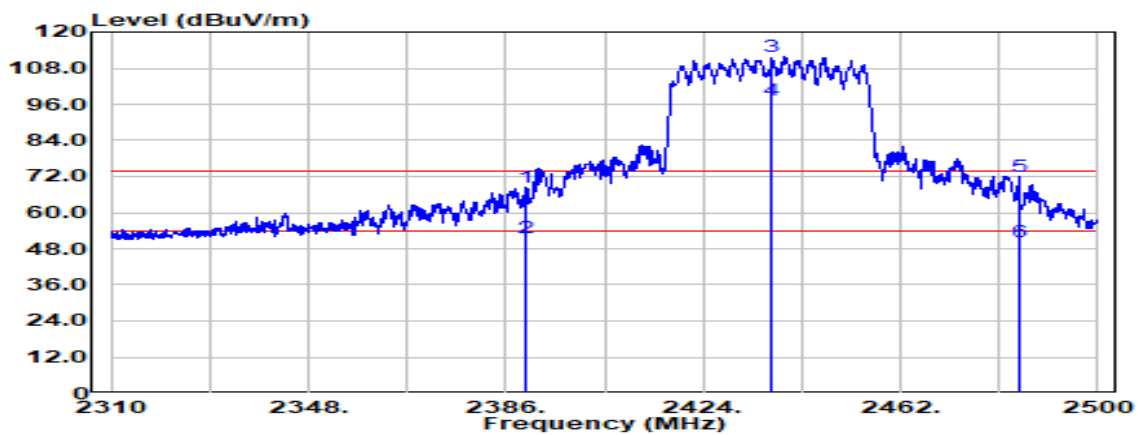
Test Mode	IEEE 802.11 ax (HE40) CH 2432MHz	Temp/Hum	22.5(°C)/ 63%RH
Test Item	Band Edge	Test Date	March 27, 2022
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2388.945	Peak	48.73	12.47	61.20	74.00	-12.80
2388.945	Average	31.66	12.47	44.14	54.00	-9.86
2432.000	Peak	91.93	12.73	104.67	--	--
2432.000	Average	77.56	12.73	90.30	--	--
2483.755	Peak	47.03	13.08	60.11	74.00	-13.89
2483.755	Average	29.16	13.08	42.24	54.00	-11.76

Report No.: TMWK2201000110KR

Test Mode	IEEE 802.11 ax (HE40) CH 2437MHz	Temp/Hum	22.5(°C)/ 63%RH
Test Item	Band Edge	Test Date	March 27, 2022
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak and Average		

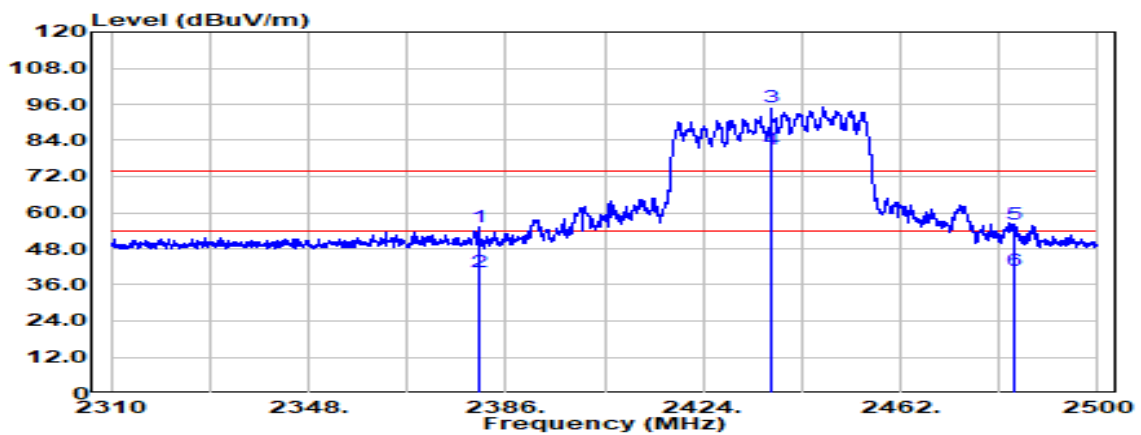


Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2389.990	Peak	55.71	12.48	68.19	74.00	-5.81
2389.990	Average	39.17	12.48	51.65	54.00	-2.35
2437.000	Peak	98.89	12.77	111.66	74.00	37.66
2437.000	Average	84.53	12.77	97.30	54.00	43.30
2484.800	Peak	58.73	13.09	71.81	74.00	-2.19
2484.800	Average	37.20	13.09	50.29	54.00	-3.71



Report No.: TMWK2201000110KR

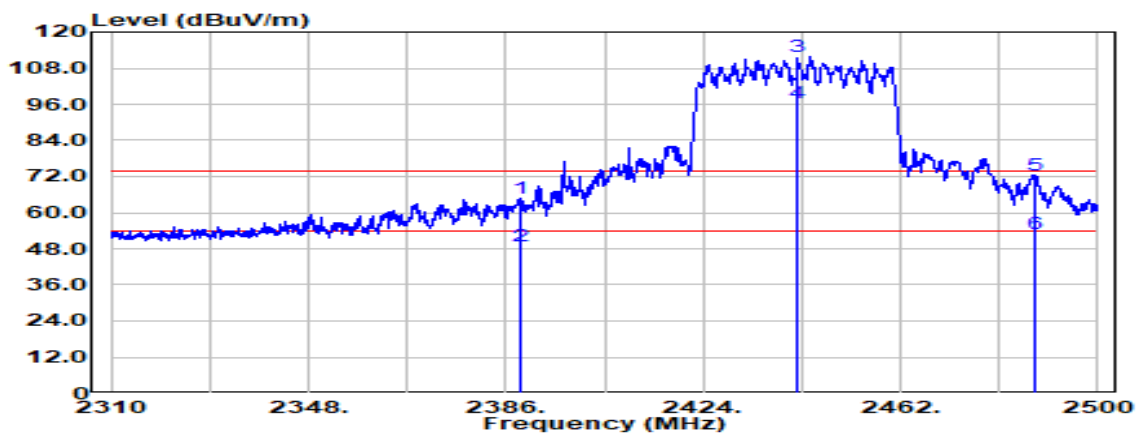
Test Mode	IEEE 802.11 ax (HE40) CH 2437MHz	Temp/Hum	22.5(°C)/ 63%RH
Test Item	Band Edge	Test Date	March 27, 2022
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2380.775	Peak	42.90	12.43	55.34	74.00	-18.66
2380.775	Average	27.99	12.43	40.42	54.00	-13.58
2437.000	Peak	82.19	12.77	94.96	74.00	20.96
2437.000	Average	68.31	12.77	81.08	54.00	27.08
2483.755	Peak	43.04	13.08	56.12	74.00	-17.88
2483.755	Average	27.65	13.08	40.73	54.00	-13.27

Report No.: TMWK2201000110KR

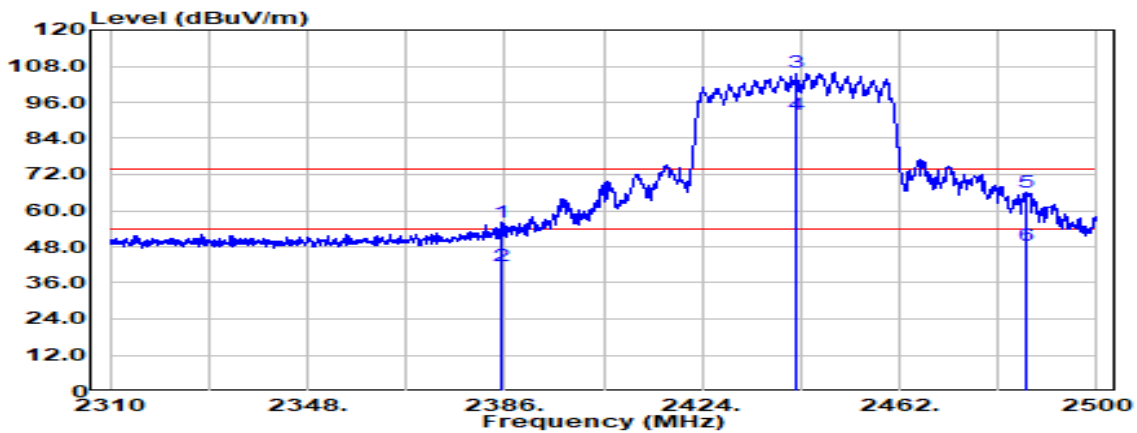
Test Mode	IEEE 802.11 ax (HE40) CH 2442MHz	Temp/Hum	22.5(°C)/ 63%RH
Test Item	Band Edge	Test Date	March 27, 2022
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak and Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBμV)	Factor (dB)	Actual FS (dBμV/m)	Limit @3m (dBμV/m)	Margin (dB)
2388.660	Peak	52.42	12.47	64.89	74.00	-9.11
2388.660	Average	36.51	12.47	48.98	54.00	-5.02
2442.000	Peak	99.16	12.80	111.96	74.00	37.96
2442.000	Average	83.45	12.80	96.25	54.00	42.25
2487.745	Peak	59.28	13.11	72.39	74.00	-1.61
2487.745	Average	39.88	13.11	52.99	54.00	-1.01

Report No.: TMWK2201000110KR

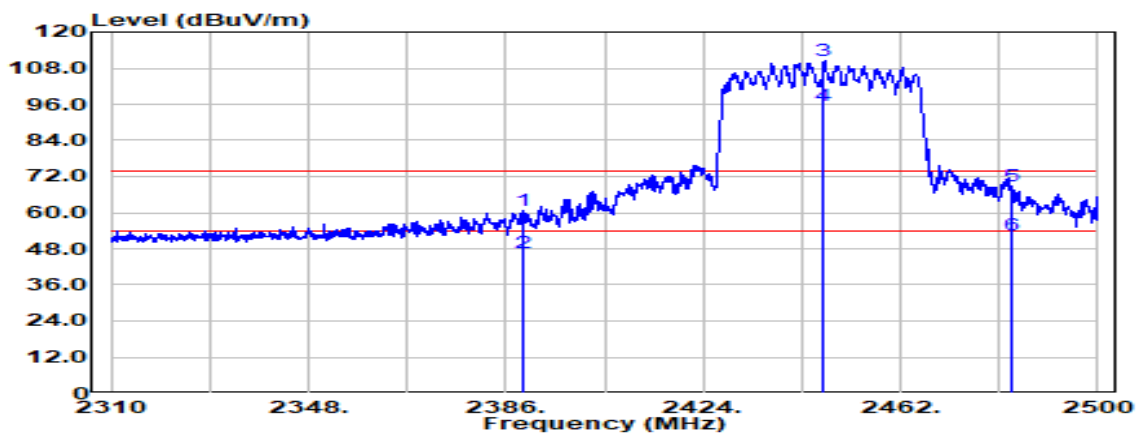
Test Mode	IEEE 802.11 ax (HE40) CH 2442MHz	Temp/Hum	22.5(°C)/ 63%RH
Test Item	Band Edge	Test Date	March 27, 2022
Polarize	Horizontal	Test Engineer	Czerny Lin
Detector	Peak & Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dB $\mu$ V)	Factor (dB)	Actual FS (dB $\mu$ V/m)	Limit @3m (dB $\mu$ V/m)	Margin (dB)
2385.240	Peak	43.72	12.46	56.18	74.00	-17.82
2385.240	Average	29.33	12.46	41.78	54.00	-12.22
2442.000	Peak	93.28	12.80	106.08	74.00	32.08
2442.000	Average	79.29	12.80	92.09	54.00	38.09
2486.605	Peak	52.97	13.10	66.07	74.00	-7.93
2486.605	Average	35.17	13.10	48.27	54.00	-5.73

Report No.: TMWK2201000110KR

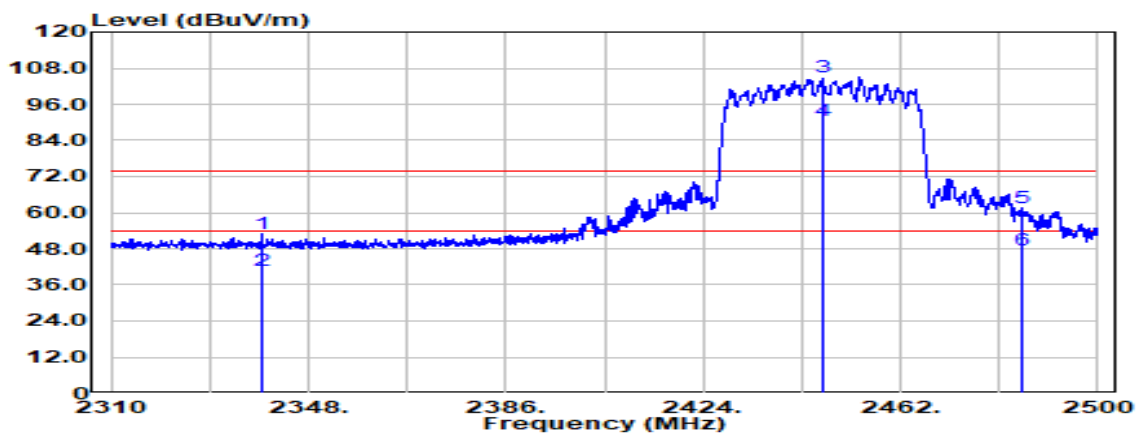
Test Mode	IEEE 802.11 ax (HE40) CH 2447MHz	Temp/Hum	22.5(°C)/ 63%RH
Test Item	Band Edge	Test Date	March 27, 2022
Polarize	Vertical	Test Engineer	Czerny Lin
Detector	Peak and Average		



Frequency (MHz)	Detector Mode (PK/QP/AV)	Spectrum Reading Level (dBµV)	Factor (dB)	Actual FS (dBµV/m)	Limit @3m (dBµV/m)	Margin (dB)
2389.515	Peak	48.04	12.48	60.52	74.00	-13.48
2389.515	Average	34.13	12.48	46.61	54.00	-7.39
2447.000	Peak	97.57	12.83	110.40	74.00	36.40
2447.000	Average	82.52	12.83	95.35	54.00	41.35
2483.500	Peak	55.61	13.08	68.68	74.00	-5.32
2483.500	Average	39.44	13.08	52.52	54.00	-1.48

Report No.: TMWK2201000110KR

Test Mode	IEEE 802.11 ax (HE40) CH 2447MHz	Temp/Hum	22.5(°C)/ 63%RH
Test Item	Band Edge	Test Date	March 27, 2022
Polarize	Horizontal	Test Engineer	Czerny Lin
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)
2338.975	Peak	40.56	12.26	52.82	74.00	-21.18
2338.975	Average	28.54	12.26	40.80	54.00	-13.20
2447.000	Peak	92.18	12.83	105.01	74.00	31.01
2447.000	Average	77.88	12.83	90.71	54.00	36.71
2485.275	Peak	48.49	13.09	61.58	74.00	-12.42
2485.275	Average	34.50	13.09	47.59	54.00	-6.41