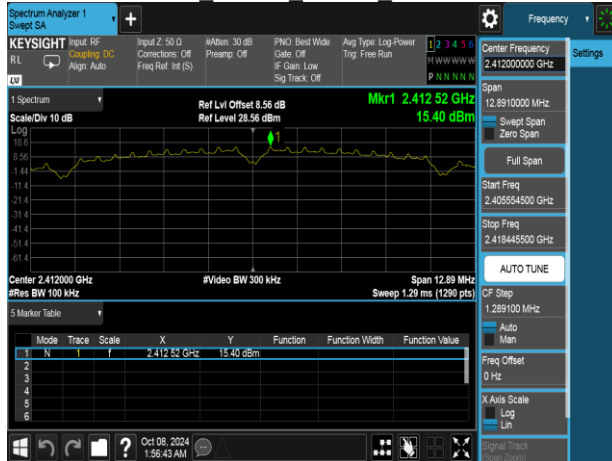


Reference Level

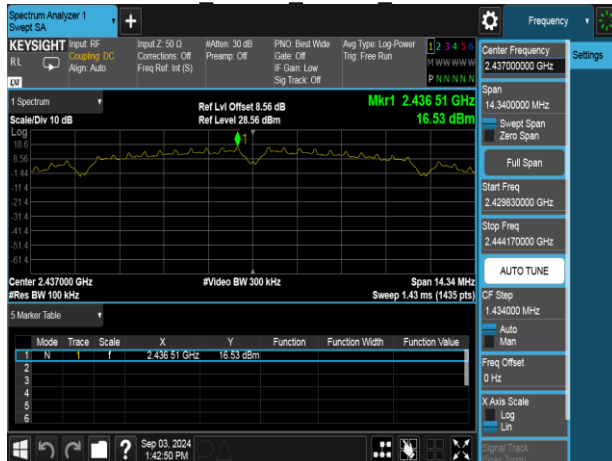
802.11b 20MHz Chain1 2412MHz



802.11g 20MHz Chain1 2412MHz



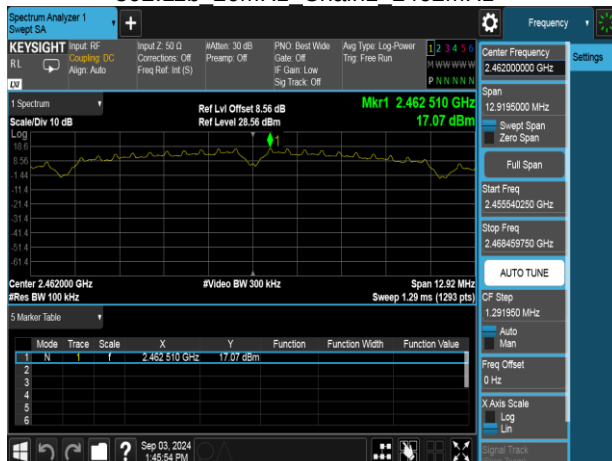
802.11b 20MHz Chain1 2437MHz



802.11g 20MHz Chain1 2437MHz



802.11b 20MHz Chain1 2462MHz



802.11g 20MHz Chain1 2462MHz



802.11n 20MHz Chain0 2412MHz



802.11n 20MHz Chain1 2412MHz



802.11n 20MHz Chain0 2437MHz



802.11n 20MHz Chain1 2437MHz



802.11n 20MHz Chain0 2462MHz



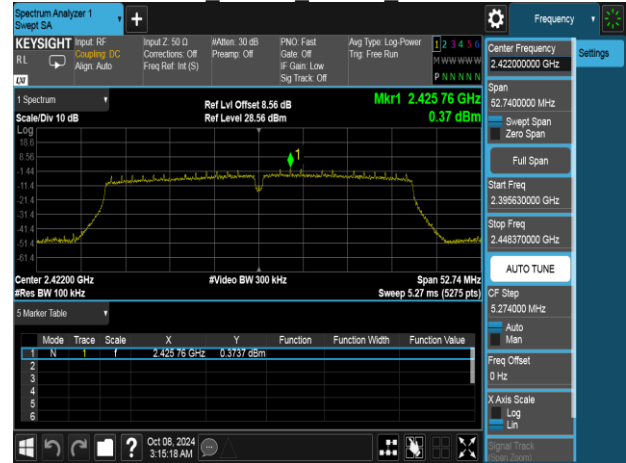
802.11n 20MHz Chain1 2462MHz



802.11n 40MHz Chain0 2422MHz



802.11n 40MHz Chain1 2422MHz



802.11n 40MHz Chain0 2437MHz



802.11n 40MHz Chain1 2437MHz



802.11n 40MHz Chain0 2452MHz



802.11n 40MHz Chain1 2452MHz



Band Edge

802.11b 20MHz Chain1 2412MHz



802.11g 20MHz Chain1 2412MHz



802.11b 20MHz Chain1 2462MHz



802.11g 20MHz Chain1 2462MHz



802.11n 20MHz Chain0 2412MHz



802.11n 20MHz Chain1 2412MHz



802.11n 20MHz Chain0 2462MHz



802.11n 20MHz Chain1 2462MHz



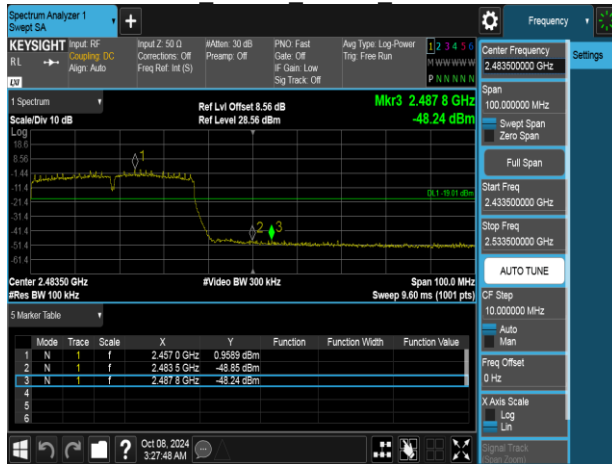
802.11n 40MHz Chain0 2422MHz



802.11n 40MHz Chain1 2422MHz



802.11n 40MHz Chain0 2452MHz

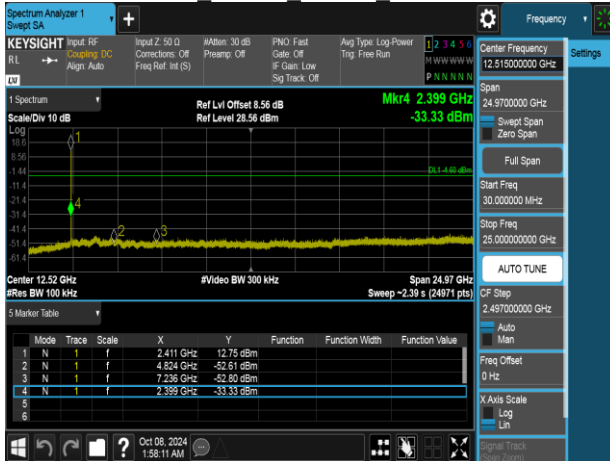


802.11n 40MHz Chain1 2452MHz

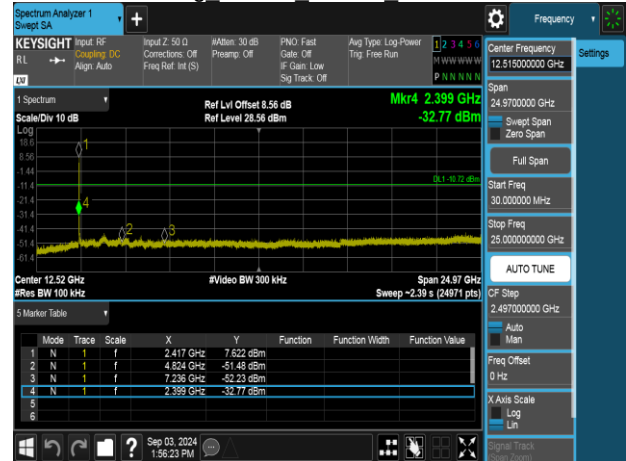


Spurious Emission

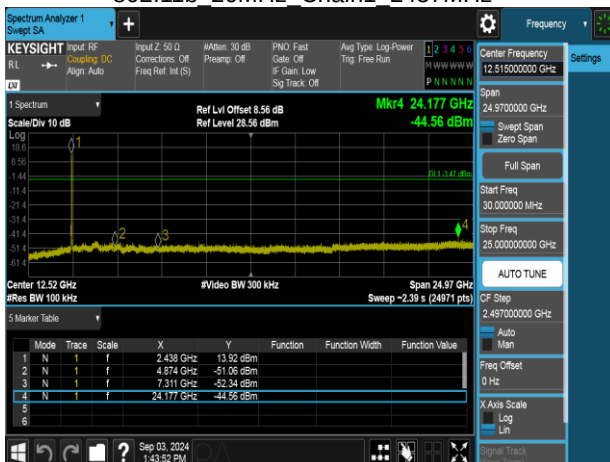
802.11b 20MHz Chain1 2412MHz



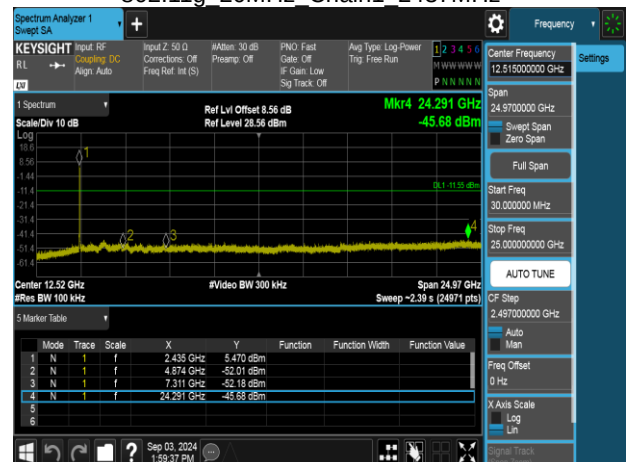
802.11g 20MHz Chain1 2412MHz



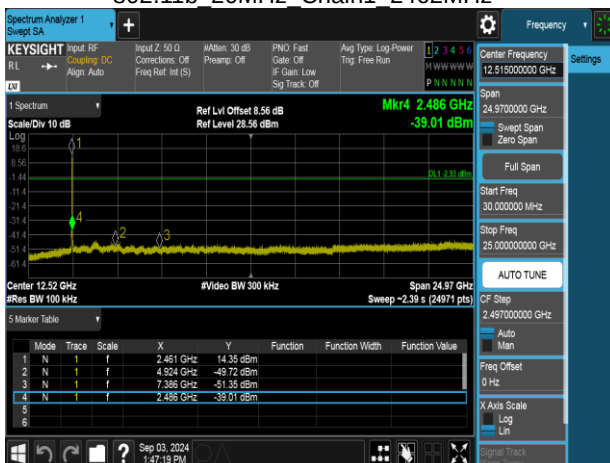
802.11b 20MHz Chain1 2437MHz



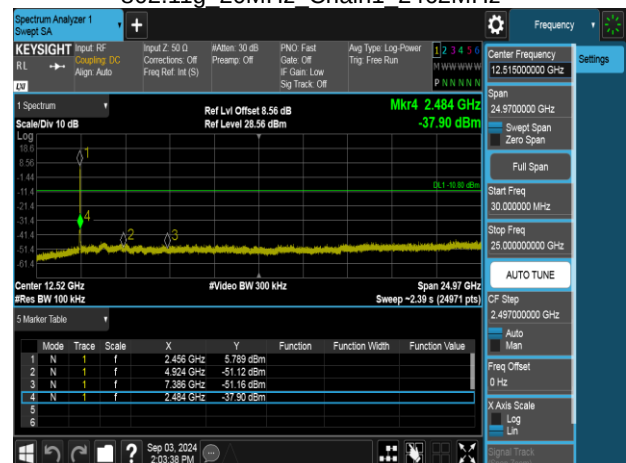
802.11g 20MHz Chain1 2437MHz



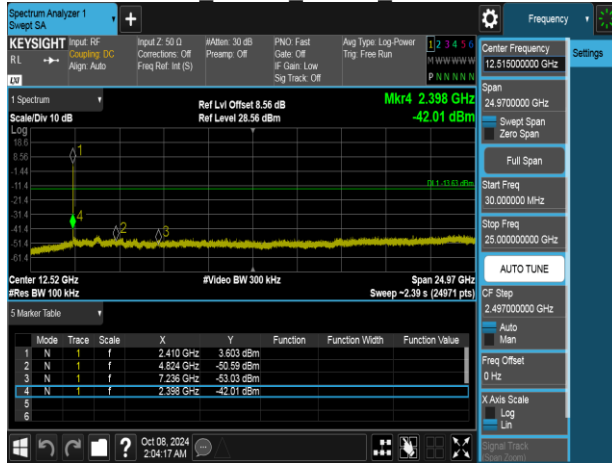
802.11b 20MHz Chain1 2462MHz



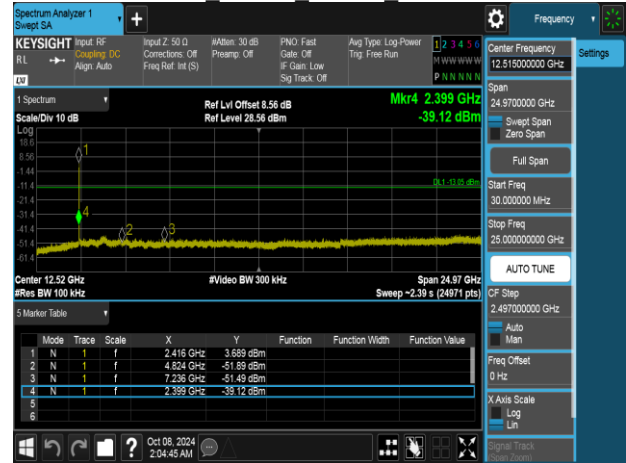
802.11g 20MHz Chain1 2462MHz



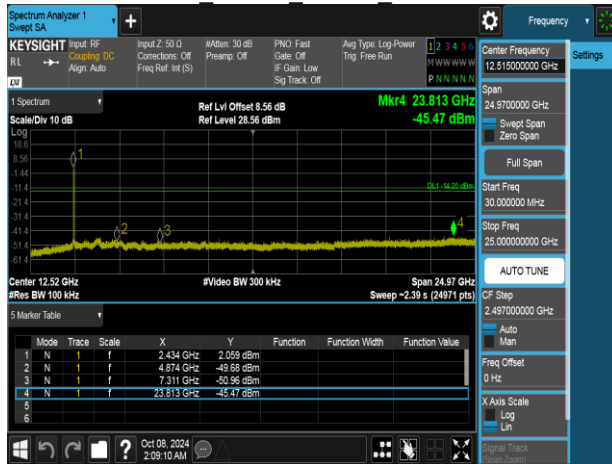
802.11n 20MHz Chain0 2412MHz



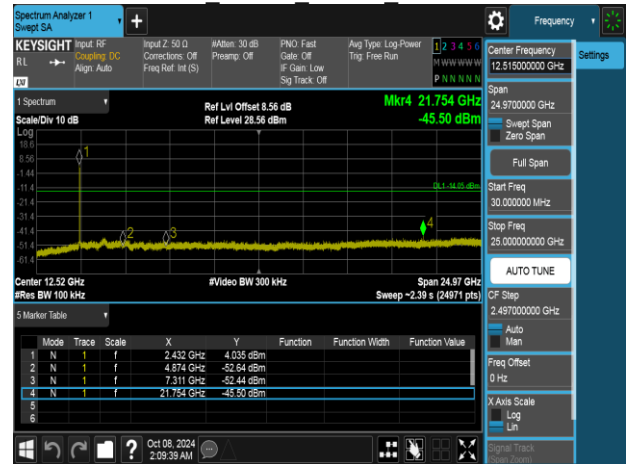
802.11n 20MHz Chain1 2412MHz



802.11n 20MHz Chain0 2437MHz



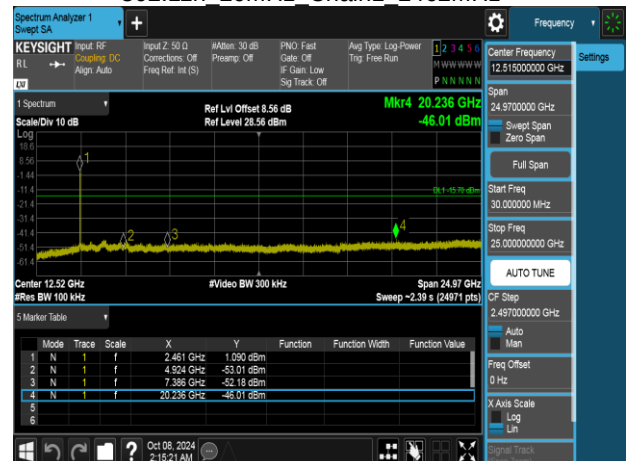
802.11n 20MHz Chain1 2437MHz



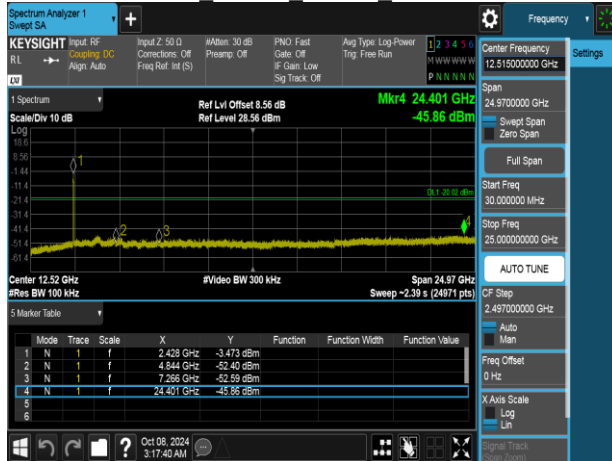
802.11n 20MHz Chain0 2462MHz



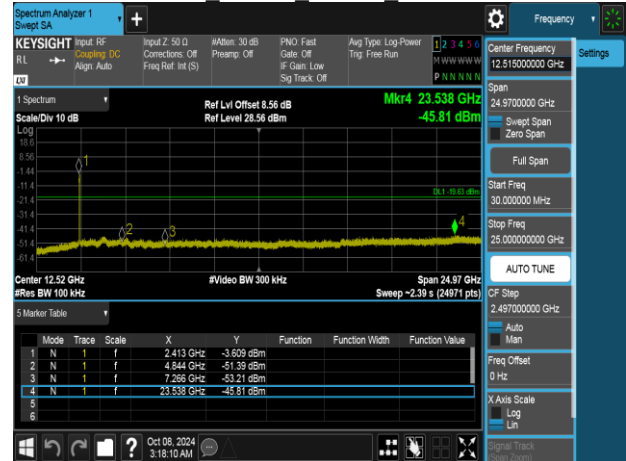
802.11n 20MHz Chain1 2462MHz



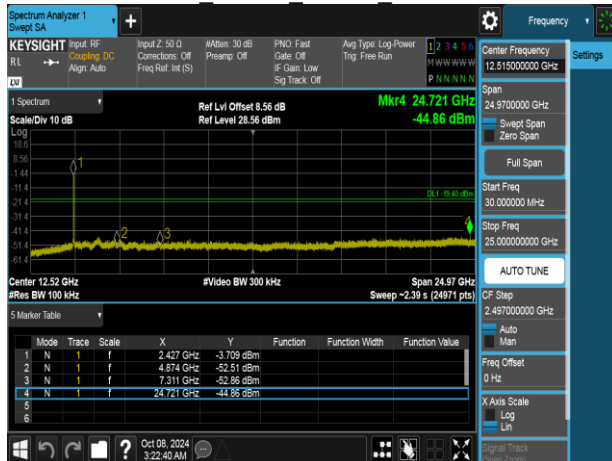
802.11n 40MHz Chain0 2422MHz



802.11n 40MHz Chain1 2422MHz



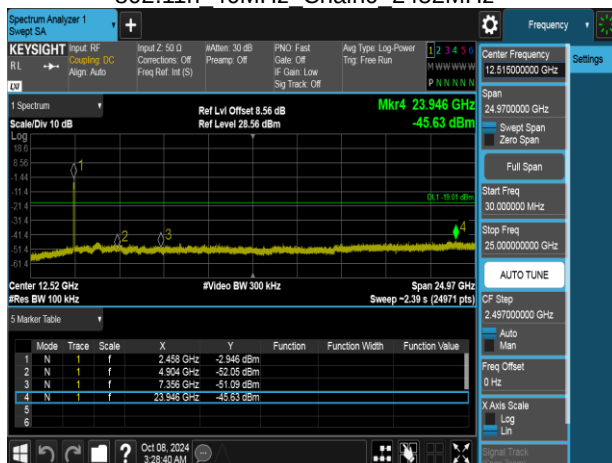
802.11n 40MHz Chain0 2437MHz



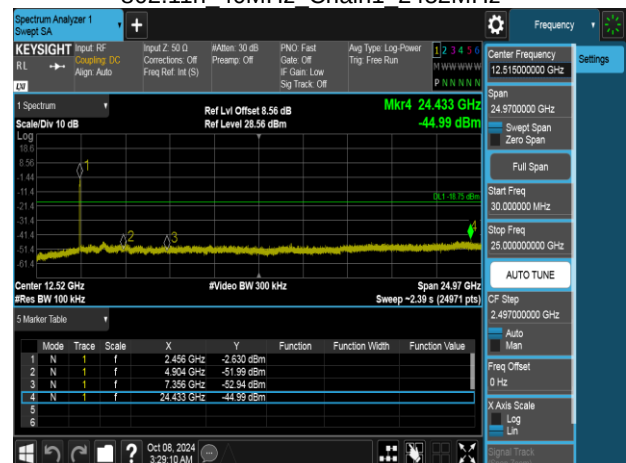
802.11n 40MHz Chain1 2437MHz



802.11n 40MHz Chain0 2452MHz



802.11n 40MHz Chain1 2452MHz



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

Remark:

Although these tests were performed other than open area test site, adequate comparison measurements were confirmed against 30 m open area 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.

4.6.2 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.
4. No emission found between lowest internal used/generated frequency to 30MHz (9KHz~30MHz).

Radiated emission below 30MHz is measured in a 9m*6m*6m semi-ane choic chamber, the measurements correspond to those obtained at an open-field test site. There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

5. The SA setting following :

(1) Below 30MHz :

(1.1) 9KHz-490KHz : RBW=200Hz / VBW=1kHz / Sweep=AUTO

(1.2) 490KHz-30MHz : RBW=10kHz / VBW=30kHz / Sweep=AUTO

(2) 30MHz to 1GHz : RBW = 100kHz, VBW $\geq 3 \times$ RBW, Sweep = Auto,

Detector = Peak, Trace = Max hold.

(3) Above 1GHz :

(3.1) For Peak measurement : RBW = 1MHz, VBW $\geq 3 \times$ RBW, Sweep = Auto, Detector = Peak, Trace = Max hold.

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

·If Duty Cycle $\geq 98\%$, VBW=10Hz.

·If Duty Cycle $< 98\%$, VBW=1/T.

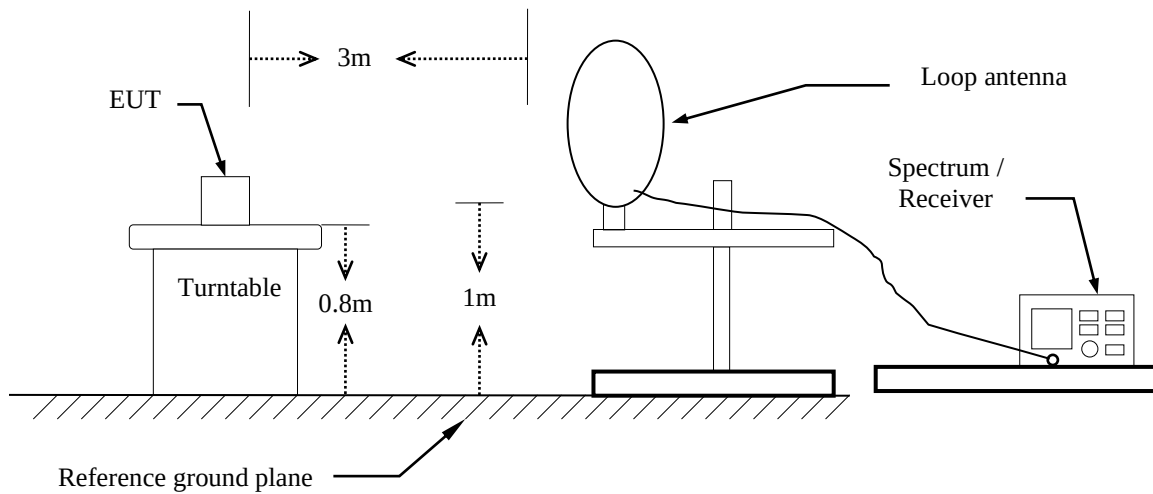
6. Data result :

Actual FS=Spectrum Reading Level + Factor

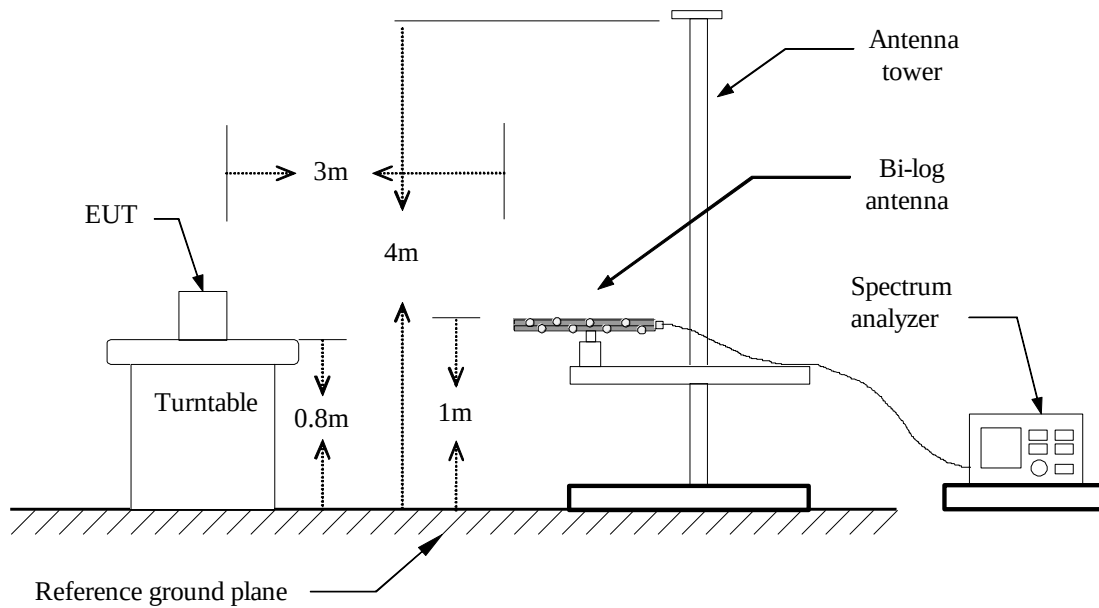
Margin=Actual FS- Limit

4.6.3 Test Setup

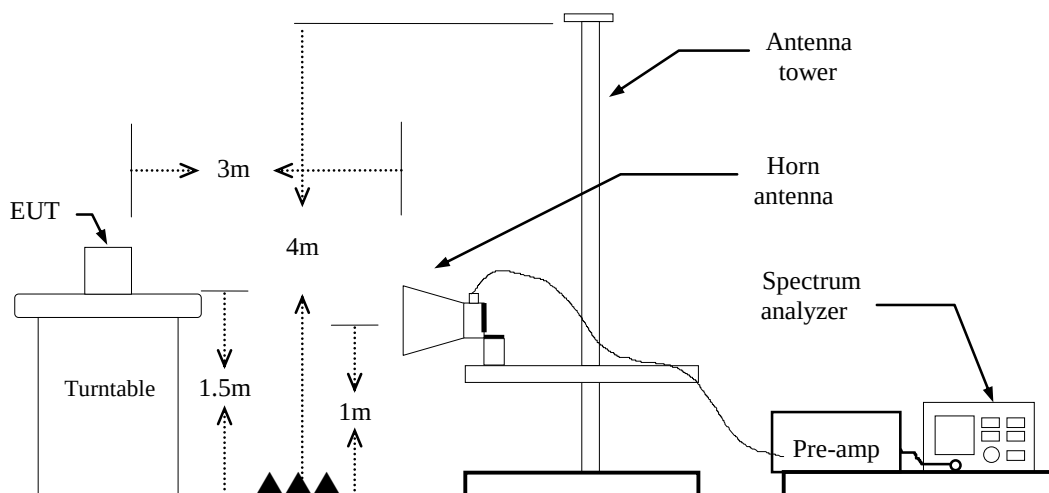
9kHz ~ 30MHz



30MHz ~ 1GHz



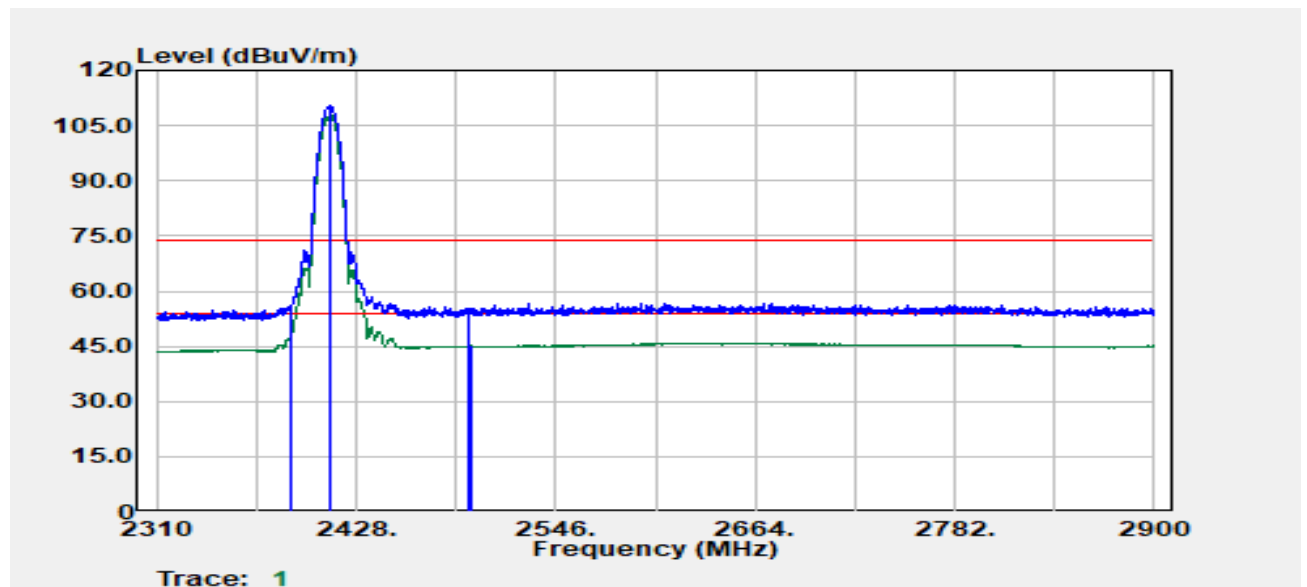
Above 1 GHz



4.6.4 Test Result

Band Edge Test Data

Project No	:TM-2404000025P	Test Date	:2024-09-12
Operation Band	:802.11b_CH1	Temp./Humi.	:24.6/57
Frequency	:2412 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Ray Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:25		



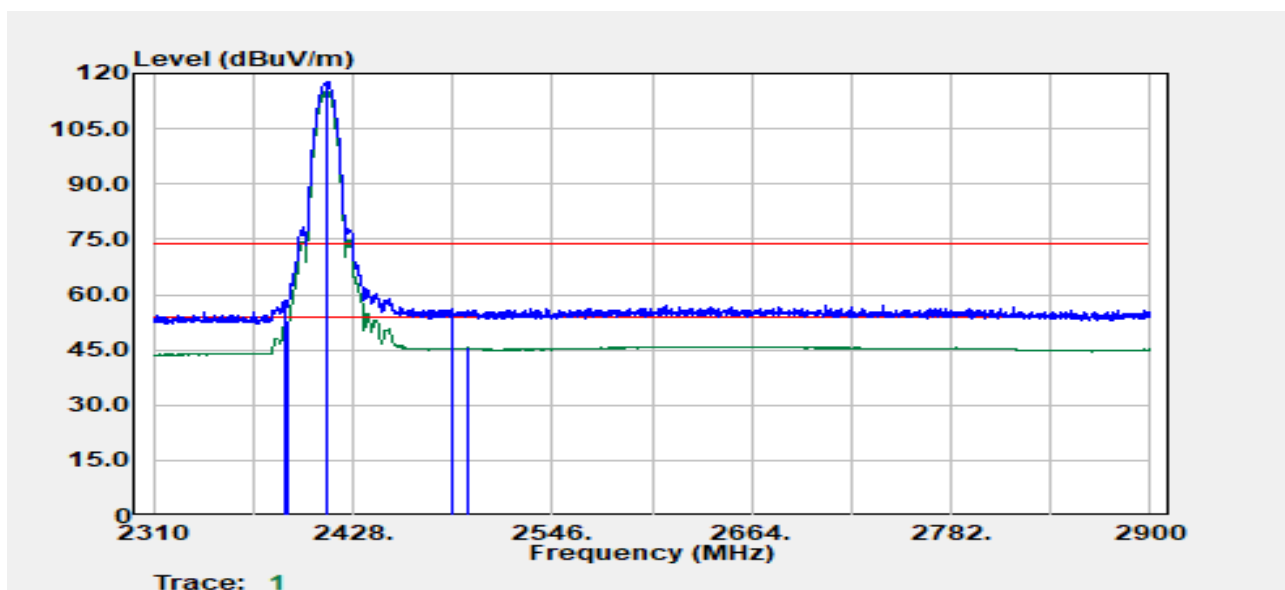
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2390.00	Peak	49.61	6.28	55.89	74.00	-18.11
2390.00	Average	41.67	6.28	47.95	54.00	-6.05
2412.00	Peak	104.06	6.31	110.37	--	--
2412.00	Average	101.48	6.31	107.79	--	--
2494.08	Peak	48.53	6.82	55.35	74.00	-18.65
2496.33	Average	38.24	6.83	45.07	54.00	-8.93

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Project No :TM-2404000025P
Operation Band :802.11b_CH1
Frequency :2412 MHz
Operation Mode :Bandedge
EUT Pol :E2
Setting :25

Test Date :2024-09-12
Temp./Humi. :24.6/57
Antenna Pol. :HORIZONTAL
Engineer :Ray Li
Test Chamber : 966A



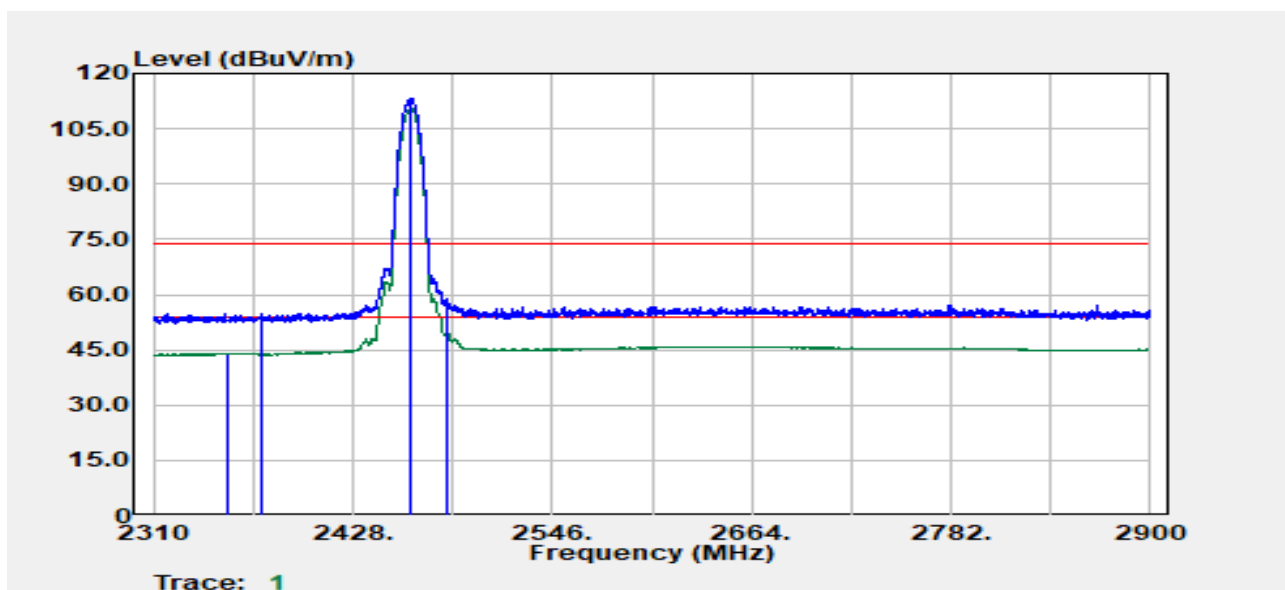
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBUV/m	Limit dBUV/m	Margin dB
2388.03	Peak	52.36	6.24	58.60	74.00	-15.40
2390.00	Average	46.78	6.28	53.06	54.00	-0.94
2412.00	Peak	111.42	6.31	117.72	-	-
2412.00	Average	108.83	6.31	115.13	-	-
2486.33	Peak	49.39	6.75	56.14	74.00	-17.86
2495.83	Average	38.74	6.82	45.57	54.00	-8.43

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Report No.: TMWK2404001048KR

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Project No :TM-2404000025P
Operation Band :802.11b_CH1
Frequency :2462 MHz
Operation Mode :Bandedge
EUT Pol :E2
Setting :24

Test Date :2024-09-12
Temp./Humi. :24.6/57
Antenna Pol. :VERTICAL
Engineer :Ray Li
Test Chamber : 966A



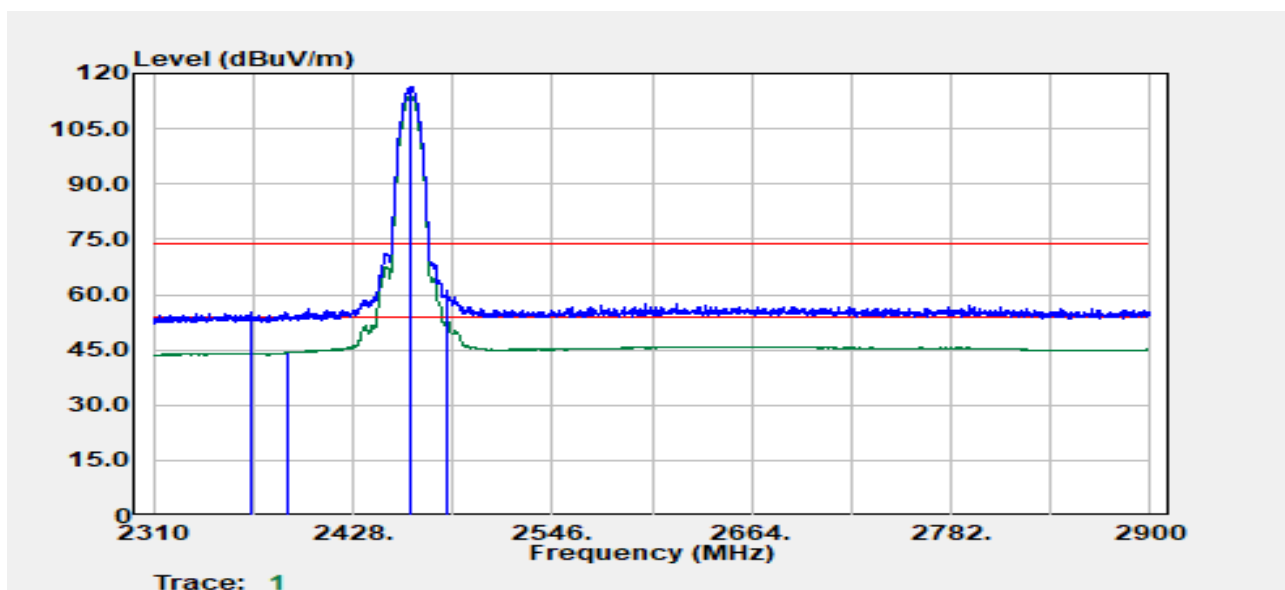
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2354.02	Average	37.78	6.24	44.03	54.00	-9.97
2373.53	Peak	48.83	6.13	54.95	74.00	-19.05
2462.00	Peak	106.77	6.32	113.09	-	-
2462.00	Average	104.10	6.32	110.42	-	-
2483.57	Average	42.90	6.72	49.61	54.00	-4.39
2483.82	Peak	52.37	6.72	59.09	74.00	-14.91

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Project No :TM-2404000025P
Operation Band :802.11b_CH1
Frequency :2462 MHz
Operation Mode :Bandedge
EUT Pol :E2
Setting :24

Test Date :2024-09-13
Temp./Humi. :24.6/57
Antenna Pol. :HORIZONTAL
Engineer :Ray Li
Test Chamber : 966A



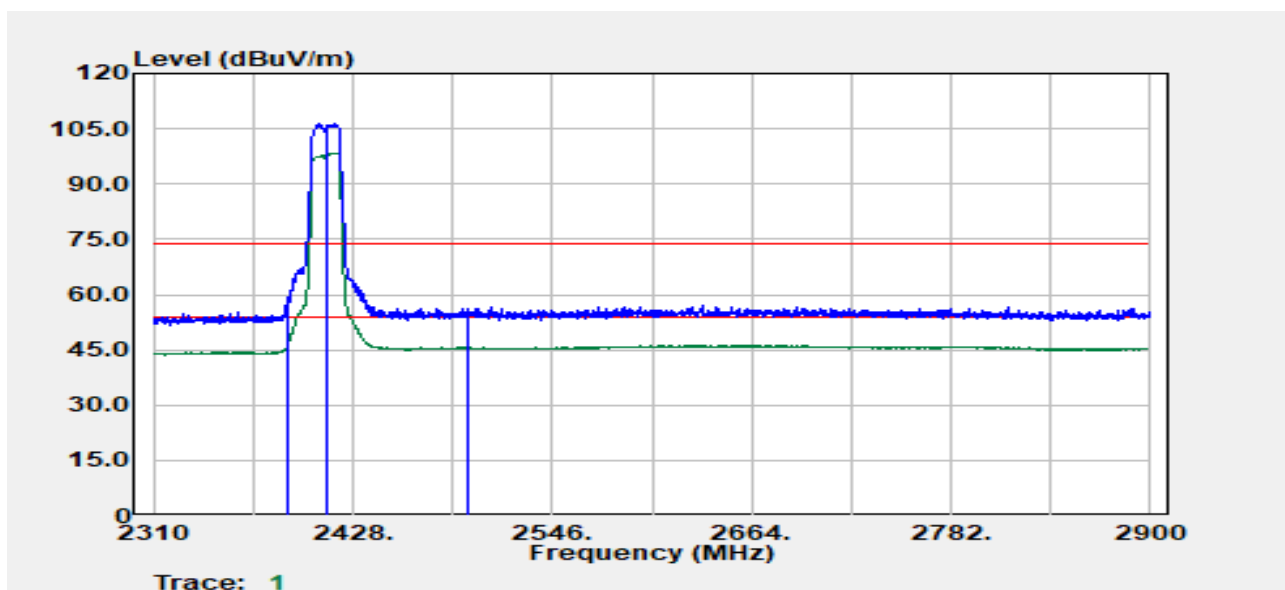
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2368.28	Peak	49.09	6.18	55.26	74.00	-18.74
2389.78	Average	38.01	6.28	44.28	54.00	-9.72
2462.00	Peak	109.92	6.32	116.23	-	-
2462.00	Average	107.44	6.32	113.76	-	-
2483.57	Peak	54.52	6.72	61.23	74.00	-12.77
2483.57	Average	46.25	6.72	52.96	54.00	-1.04

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Project No :TM-2404000025P
Operation Band :802.11g_CH1
Frequency :2412 MHz
Operation Mode :Bandedge
EUT Pol :E2
Setting :18

Test Date :2024-09-13
Temp./Humi. :24.6/57
Antenna Pol. :VERTICAL
Engineer :Ray Li
Test Chamber : 966A



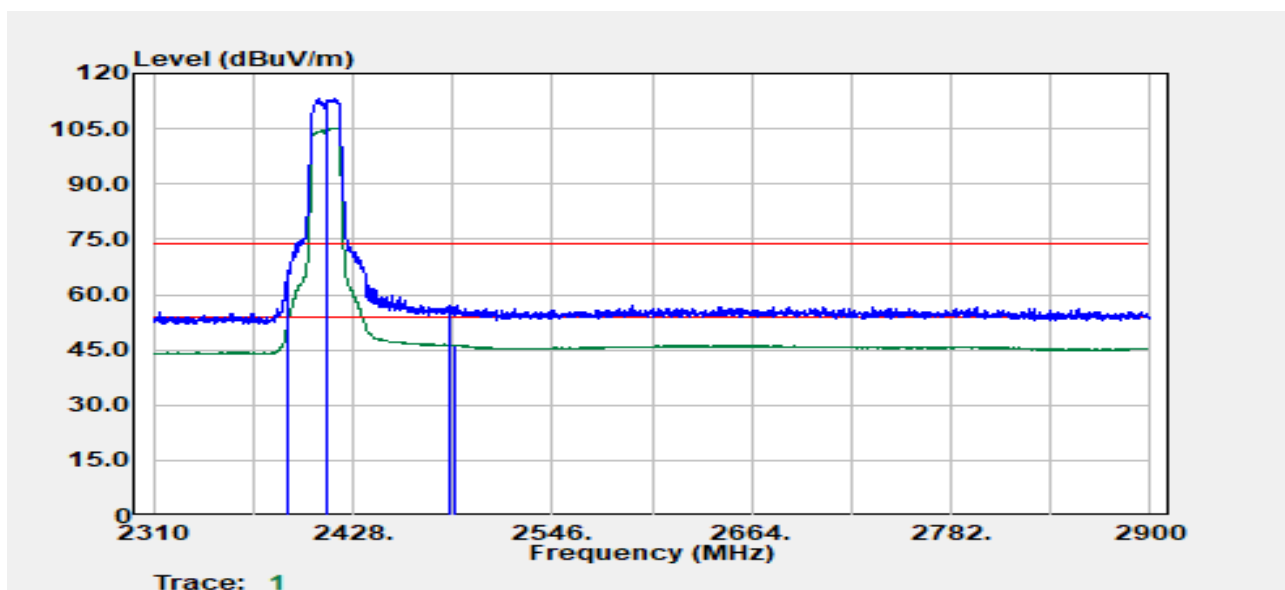
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2389.78	Peak	52.89	6.28	59.17	74.00	-14.83
2390.00	Average	41.04	6.28	47.32	54.00	-6.68
2412.00	Peak	100.15	6.31	106.45	-	-
2412.00	Average	92.01	6.31	98.32	-	-
2496.08	Peak	49.54	6.83	56.36	74.00	-17.64
2496.08	Average	38.83	6.83	45.66	54.00	-8.34

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Project No :TM-2404000025P
Operation Band :802.11g_CH1
Frequency :2412 MHz
Operation Mode :Bandedge
EUT Pol :E2
Setting :18

Test Date :2024-09-13
Temp./Humi. :24.6/57
Antenna Pol. :HORIZONTAL
Engineer :Ray Li
Test Chamber : 966A



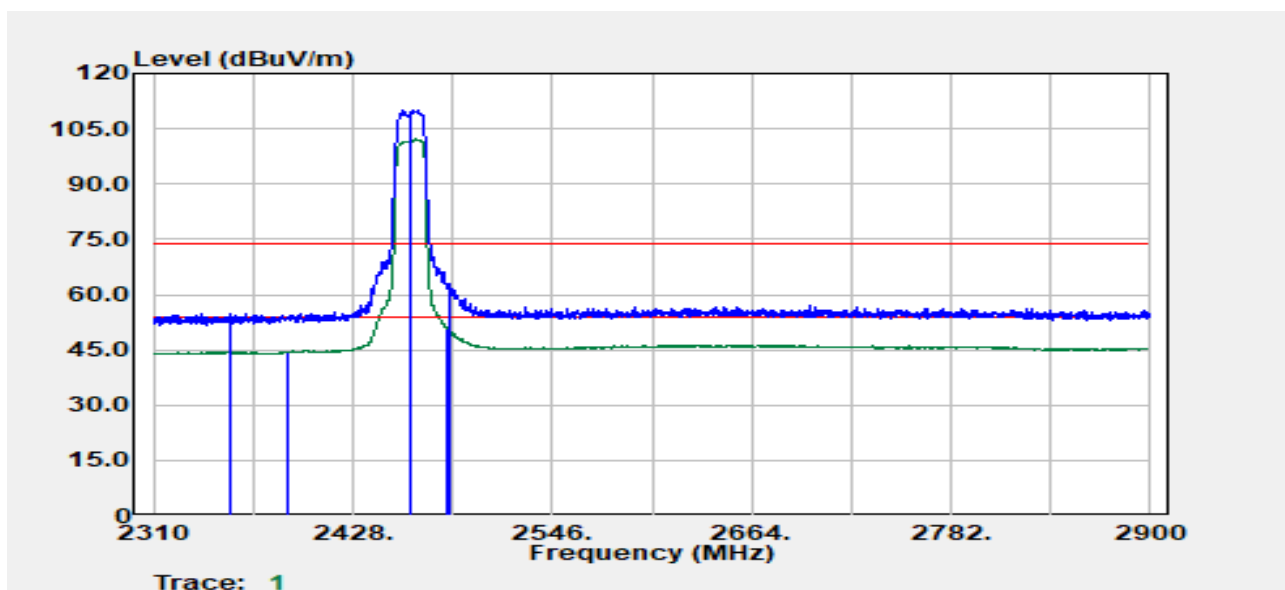
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2389.78	Peak	60.34	6.28	66.62	74.00	-7.38
2390.00	Average	47.08	6.28	53.36	54.00	-0.64
2412.00	Peak	106.91	6.31	113.21	-	-
2412.00	Average	98.78	6.31	105.08	-	-
2484.82	Peak	50.17	6.73	56.90	74.00	-17.10
2488.33	Average	39.62	6.78	46.40	54.00	-7.60

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Report No.: TMWK2404001048KR

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Project No :TM-2404000025P
Operation Band :802.11g_CH1
Frequency :2462 MHz
Operation Mode :Bandedge
EUT Pol :E2
Setting :19

Test Date :2024-09-13
Temp./Humi. :24.6/57
Antenna Pol. :VERTICAL
Engineer :Ray Li
Test Chamber : 966A



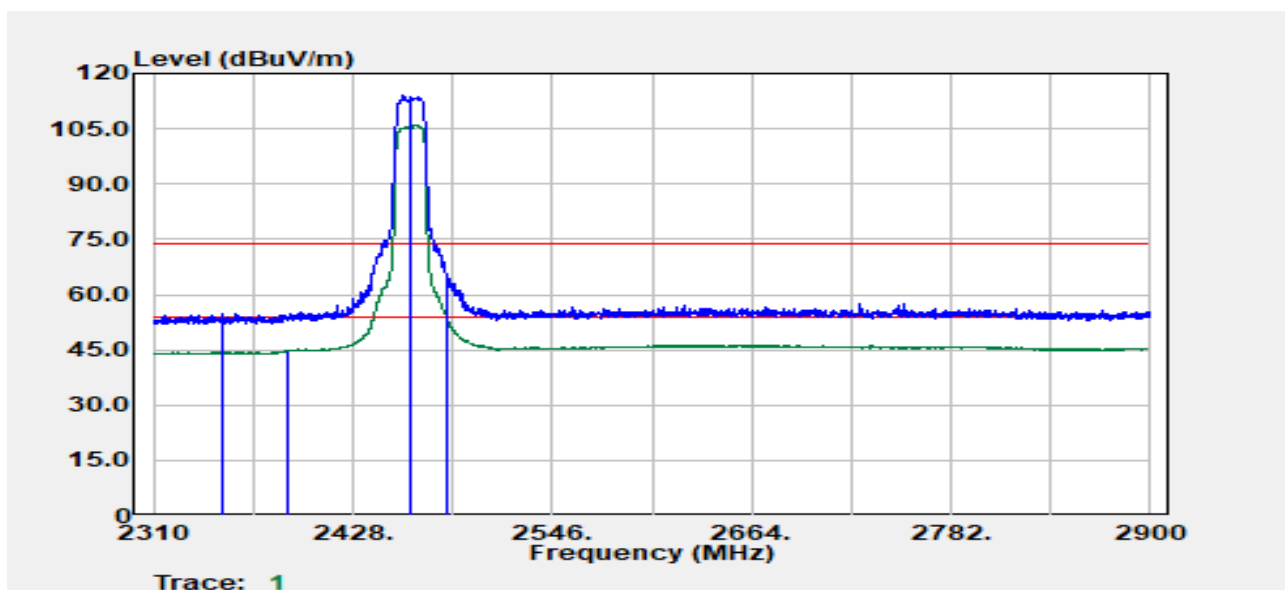
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2356.02	Peak	48.44	6.25	54.69	74.00	-19.31
2389.28	Average	38.25	6.26	44.52	54.00	-9.48
2462.00	Peak	103.82	6.32	110.14	-	-
2462.00	Average	95.80	6.32	102.12	-	-
2484.07	Average	44.08	6.72	50.80	54.00	-3.20
2485.82	Peak	56.15	6.75	62.90	74.00	-11.10

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Report No.: TMWK2404001048KR

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Project No :TM-2404000025P
Operation Band :802.11g_CH1
Frequency :2462 MHz
Operation Mode :Bandedge
EUT Pol :E2
Setting :19

Test Date :2024-09-13
Temp./Humi. :24.6/57
Antenna Pol. :HORIZONTAL
Engineer :Ray Li
Test Chamber : 966A



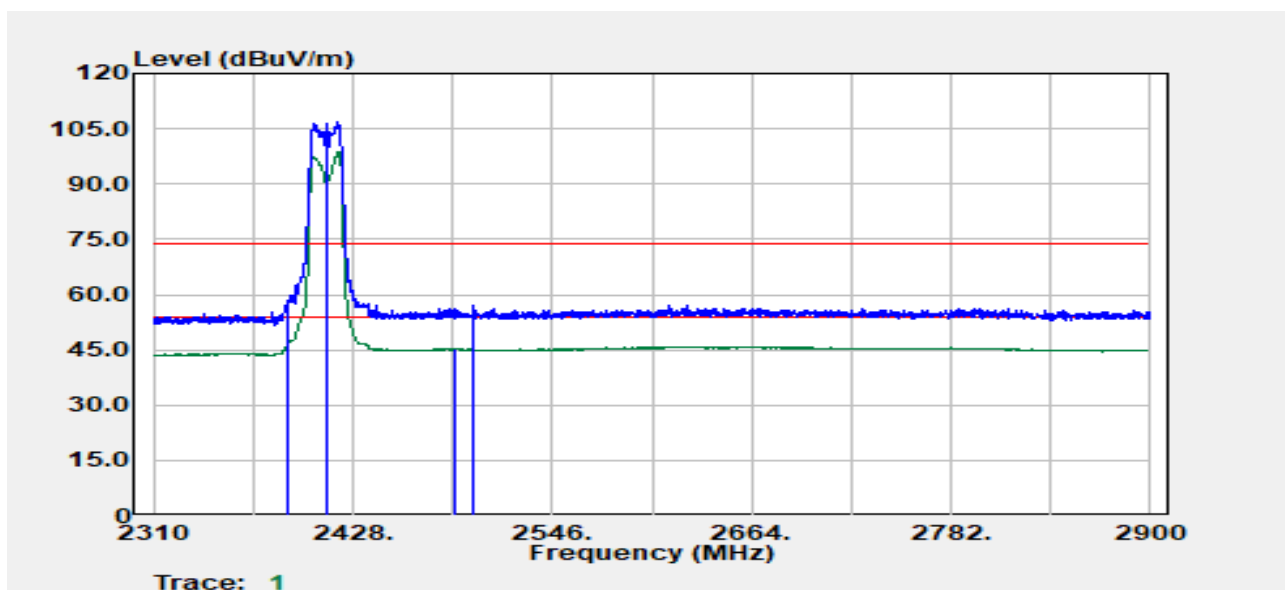
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBUV/m	Limit dBUV/m	Margin dB
2350.27	Peak	48.73	6.24	54.97	74.00	-19.03
2388.78	Average	38.47	6.25	44.72	54.00	-9.28
2462.00	Peak	107.82	6.32	114.14	-	-
2462.00	Average	99.58	6.32	105.90	-	-
2483.57	Average	46.90	6.72	53.61	54.00	-0.39
2483.82	Peak	57.98	6.72	64.69	74.00	-9.31

Project No: TM-2404000025P
Report No.: TMWK2404001048KR

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Project No :TM-2404000025P
Operation Band :802.11n20
Frequency :2412 MHz
Operation Mode :Bandedge
EUT Pol :E2
Setting :17

Test Date :2024-09-12
Temp./Humi. :24.6/57
Antenna Pol. :VERTICAL
Engineer :Ray Li
Test Chamber : 966A



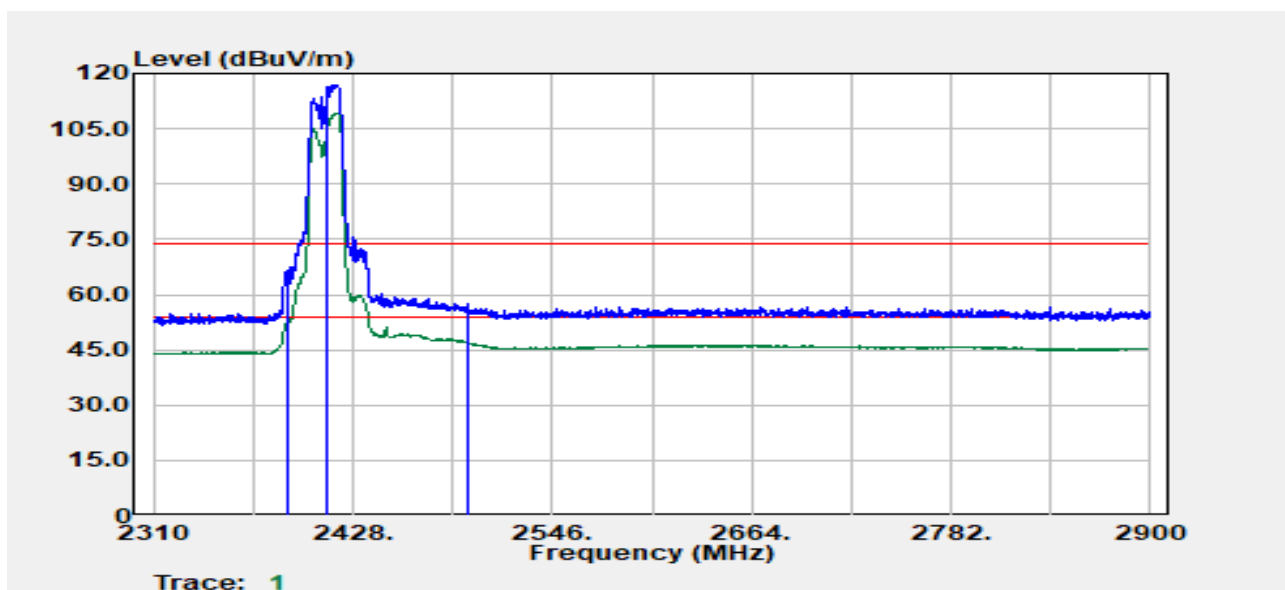
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBUV/m	Limit dBUV/m	Margin dB
2389.78	Peak	51.94	6.28	58.22	74.00	-15.78
2390.00	Average	40.85	6.28	47.13	54.00	-6.87
2412.00	Peak	100.42	6.31	106.73	-	-
2412.00	Average	92.51	6.31	98.81	-	-
2487.83	Average	38.43	6.77	45.20	54.00	-8.80
2499.83	Peak	50.21	6.84	57.04	74.00	-16.96

Project No: TM-2404000025P
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Project No :TM-2404000025P
Operation Band :802.11n20
Frequency :2412 MHz
Operation Mode :Bandedge
EUT Pol :E2
Setting :17

Test Date :2024-09-13
Temp./Humi. :24.6/57
Antenna Pol. :HORIZONTAL
Engineer :Ray Li
Test Chamber : 966A



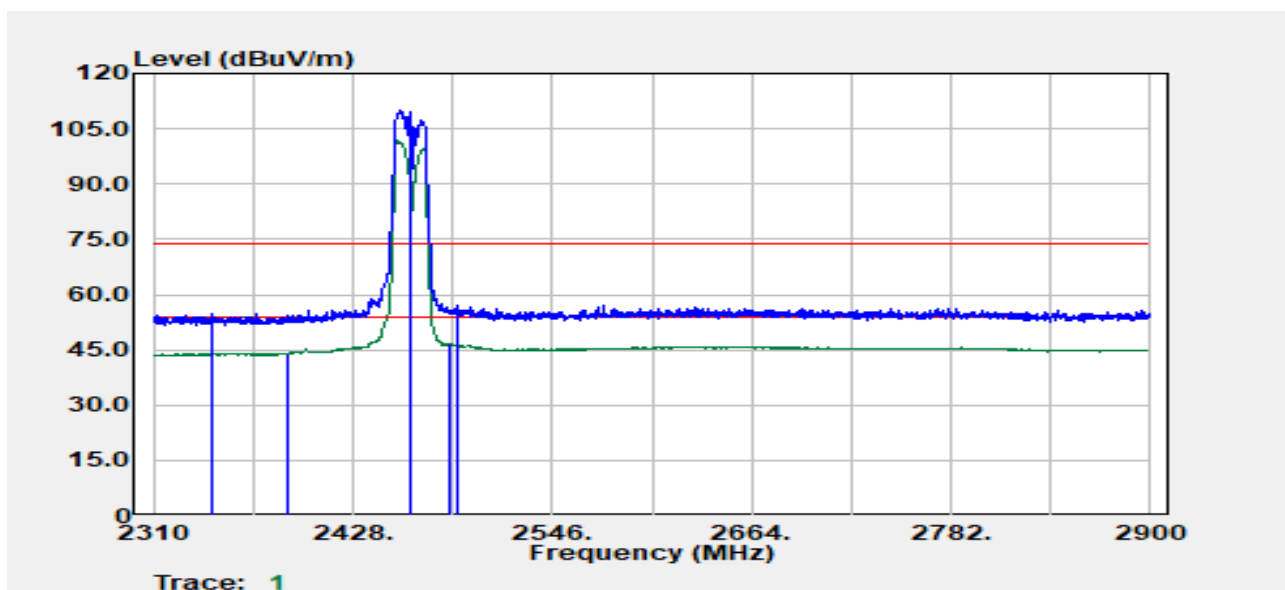
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2389.53	Peak	60.16	6.27	66.44	74.00	-7.56
2389.53	Average	47.23	6.27	53.50	54.00	-0.50
2412.00	Peak	110.58	6.31	116.89	- -	- -
2412.00	Average	102.89	6.31	109.20	- -	- -
2495.83	Peak	50.68	6.82	57.50	74.00	-16.50
2495.83	Average	41.23	6.82	48.06	54.00	-5.94

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Project No :TM-2404000025P
Operation Band :802.11n20
Frequency :2462 MHz
Operation Mode :Bandedge
EUT Pol :E2
Setting :15

Test Date :2024-09-13
Temp./Humi. :24.6/57
Antenna Pol. :VERTICAL
Engineer :Ray Li
Test Chamber : 966A



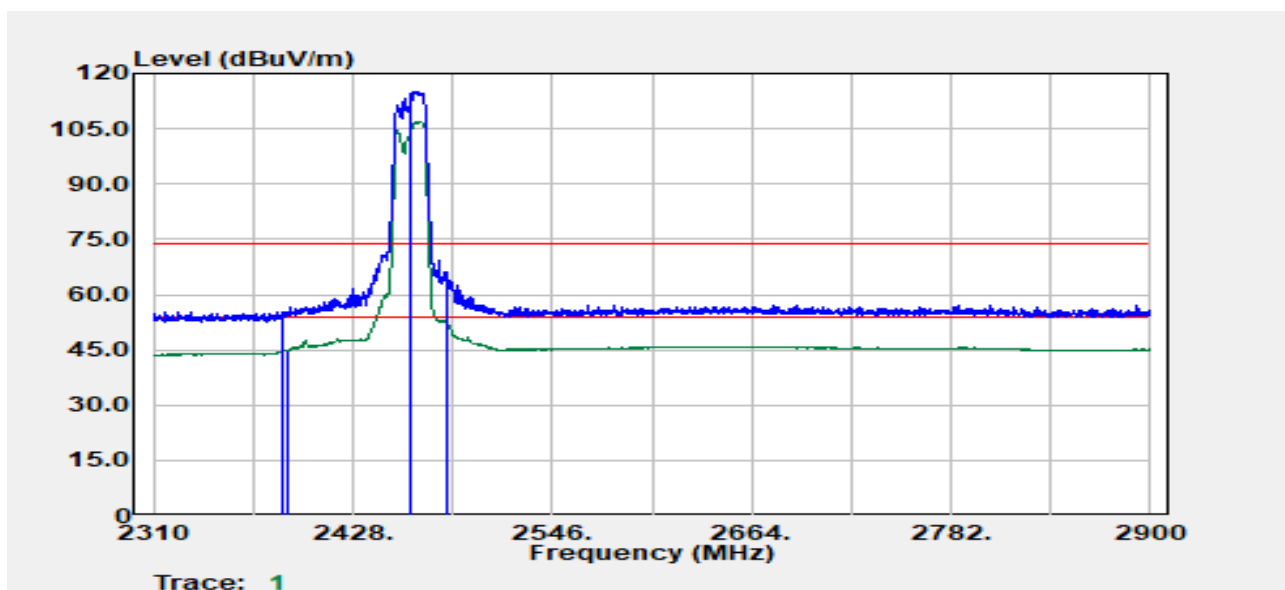
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBUV/m	Limit dBUV/m	Margin dB
2344.77	Peak	48.50	6.17	54.68	74.00	-19.32
2388.78	Average	37.86	6.25	44.11	54.00	-9.89
2462.00	Peak	103.65	6.32	109.97	-	-
2462.00	Average	95.39	6.32	101.71	-	-
2485.32	Average	39.91	6.74	46.65	54.00	-7.35
2489.83	Peak	50.29	6.80	57.09	74.00	-16.91

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Report No.: TMWK2404001048KR

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Project No :TM-2404000025P
Operation Band :802.11n20
Frequency :2462 MHz
Operation Mode :Bandedge
EUT Pol :E2
Setting :15

Test Date :2024-09-13
Temp./Humi. :24.6/57
Antenna Pol. :HORIZONTAL
Engineer :Ray Li
Test Chamber : 966A



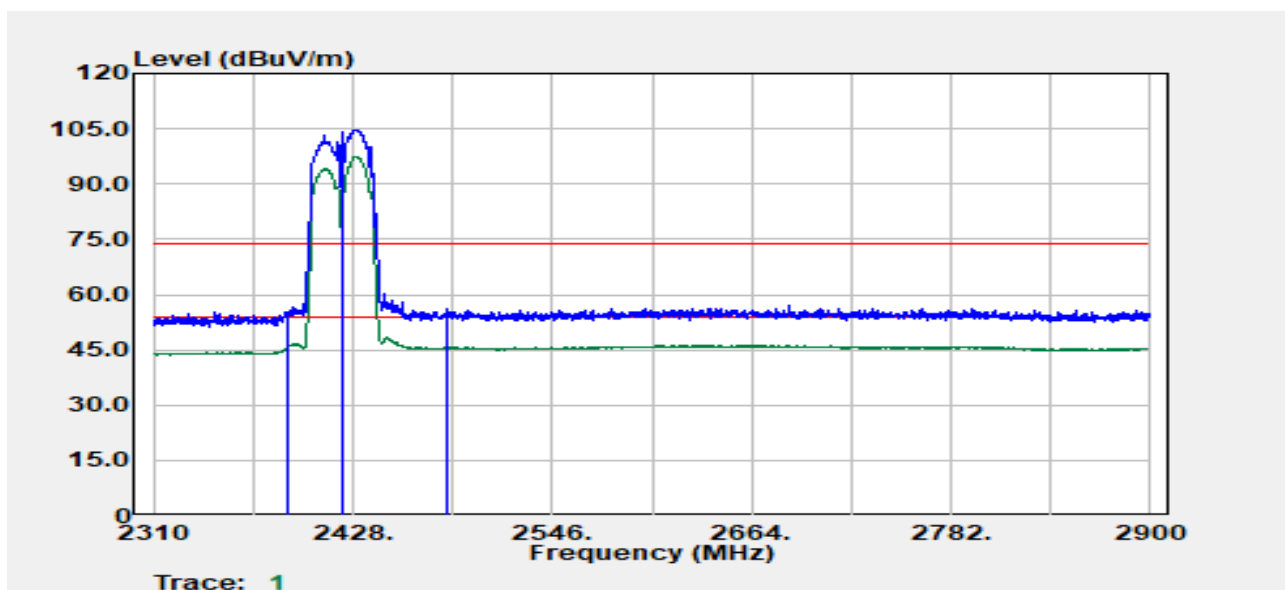
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBUV/m	Limit dBUV/m	Margin dB
2385.78	Peak	49.13	6.19	55.32	74.00	-18.68
2390.00	Average	38.76	6.28	45.04	54.00	-8.96
2462.00	Peak	108.91	6.32	115.23	-	-
2462.00	Average	100.57	6.32	106.89	-	-
2483.57	Peak	59.21	6.72	65.93	74.00	-8.07
2483.57	Average	45.61	6.72	52.32	54.00	-1.68

Project No: TM-2404000025P
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Project No :TM-2404000025P
Operation Band :802.11n40
Frequency :2422 MHz
Operation Mode :Bandedge
EUT Pol :E2
Setting :13

Test Date :2024-09-13
Temp./Humi. :24.6/57
Antenna Pol. :VERTICAL
Engineer :Ray Li
Test Chamber : 966A



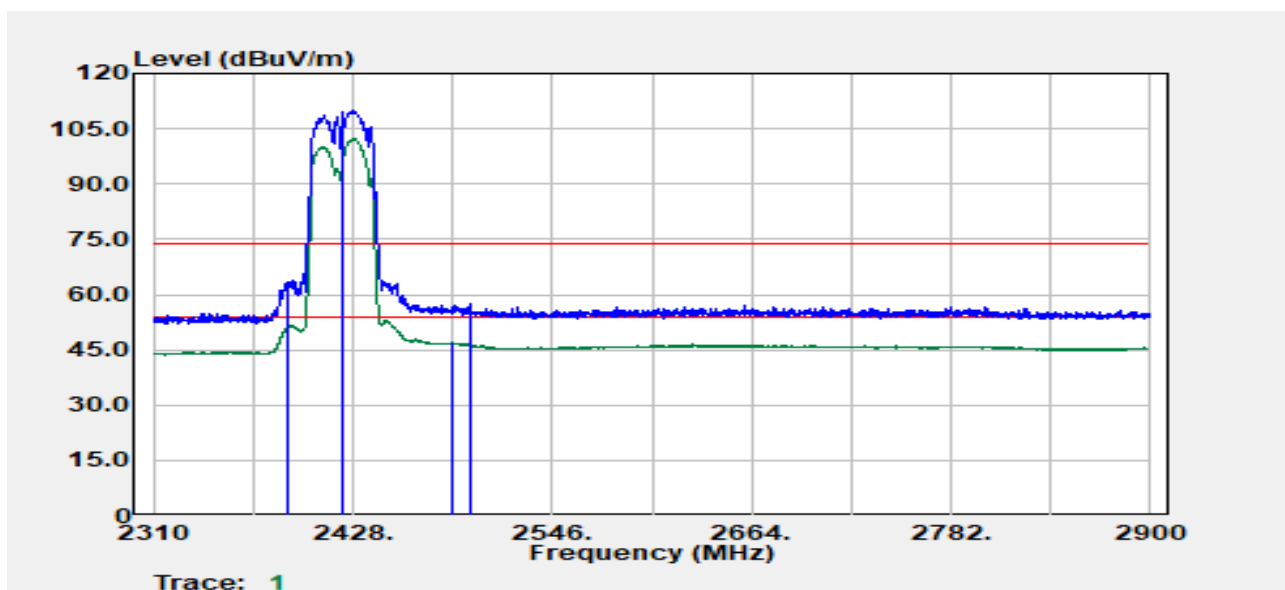
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBUV/m	Limit dBUV/m	Margin dB
2388.78	Peak	49.02	6.25	55.27	74.00	-18.73
2390.00	Average	39.90	6.28	46.18	54.00	-7.82
2422.00	Peak	98.48	6.34	104.81	-	-
2422.00	Average	91.14	6.34	97.48	-	-
2483.57	Average	38.91	6.72	45.63	54.00	-8.37
2484.32	Peak	49.55	6.73	56.28	74.00	-17.72

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Project No :TM-2404000025P
Operation Band :802.11n40
Frequency :2422 MHz
Operation Mode :Bandedge
EUT Pol :E2
Setting :13

Test Date :2024-09-13
Temp./Humi. :24.6/57
Antenna Pol. :HORIZONTAL
Engineer :Ray Li
Test Chamber : 966A



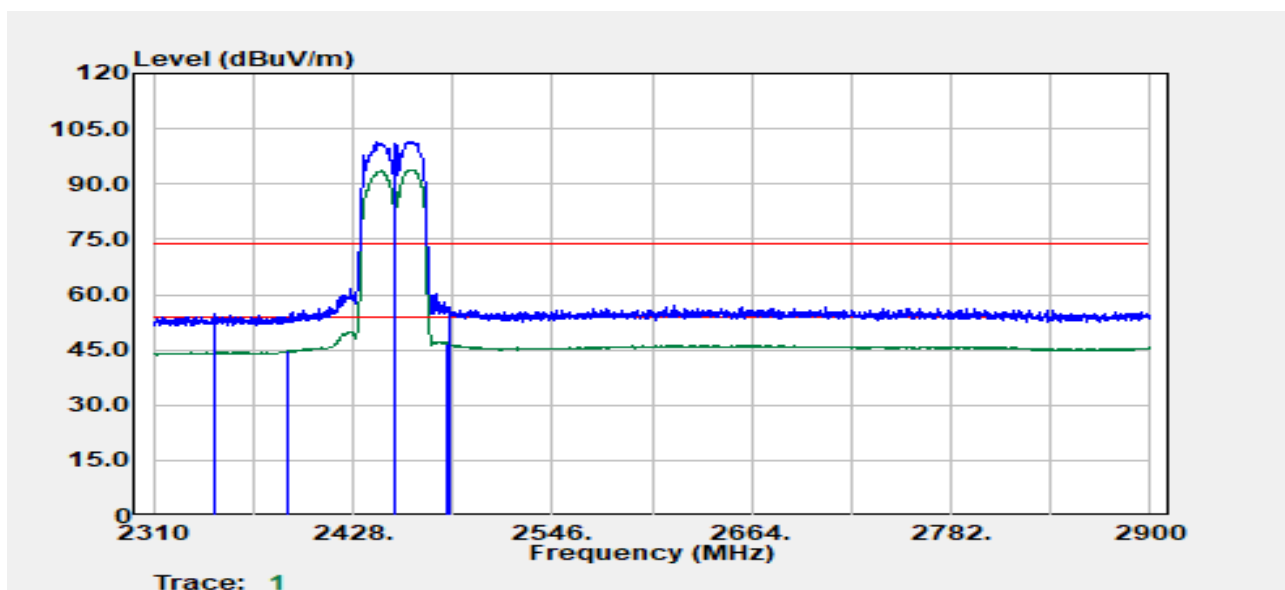
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2388.78	Peak	57.21	6.25	63.47	74.00	-10.53
2389.78	Average	45.09	6.28	51.37	54.00	-2.63
2422.00	Peak	103.77	6.34	110.11	- -	- -
2422.00	Average	95.92	6.34	102.26	- -	- -
2487.08	Average	40.30	6.76	47.06	54.00	-6.94
2497.83	Peak	50.46	6.83	57.30	74.00	-16.70

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Project No :TM-2404000025P
Operation Band :802.11n40
Frequency :2452 MHz
Operation Mode :Bandedge
EUT Pol :E2
Setting :14

Test Date :2024-09-13
Temp./Humi. :24.6/57
Antenna Pol. :VERTICAL
Engineer :Ray Li
Test Chamber : 966A



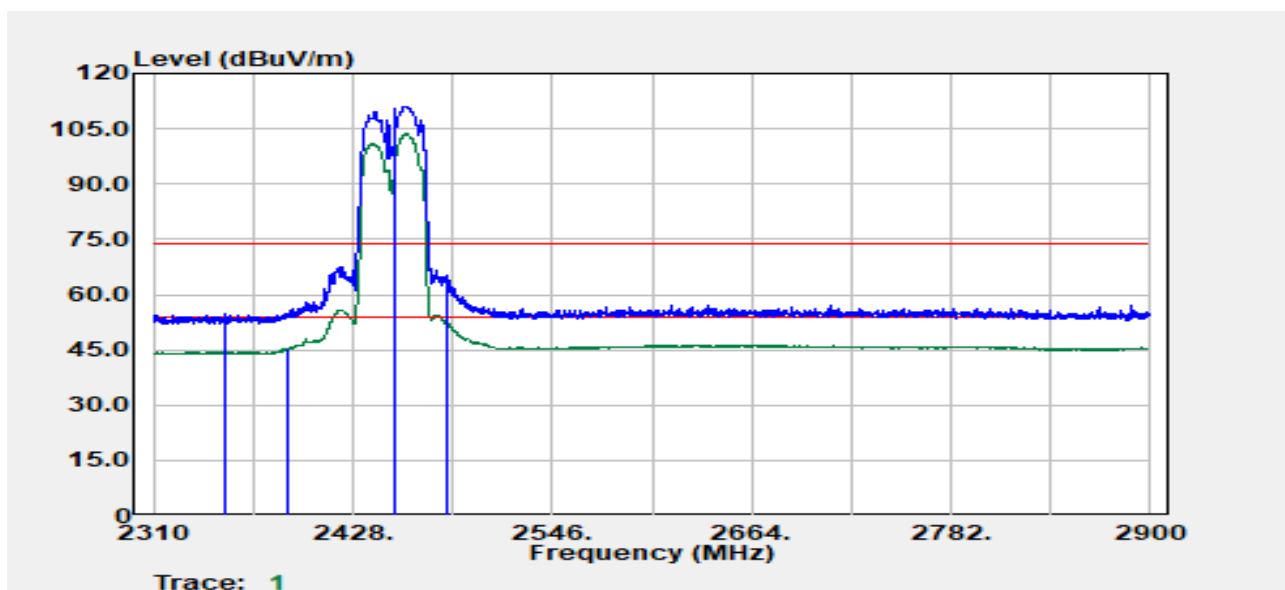
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBUV/m	Limit dBUV/m	Margin dB
2346.02	Peak	48.68	6.19	54.87	74.00	-19.13
2390.00	Average	38.52	6.28	44.80	54.00	-9.20
2452.00	Peak	95.24	6.34	101.59	-	-
2452.00	Average	87.59	6.34	93.93	-	-
2483.57	Average	39.96	6.72	46.67	54.00	-7.33
2484.82	Peak	50.07	6.73	56.80	74.00	-17.20

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Project No :TM-2404000025P
Operation Band :802.11n40
Frequency :2452 MHz
Operation Mode :Bandedge
EUT Pol :E2
Setting :14

Test Date :2024-09-13
Temp./Humi. :24.6/57
Antenna Pol. :HORIZONTAL
Engineer :Ray Li
Test Chamber : 966A



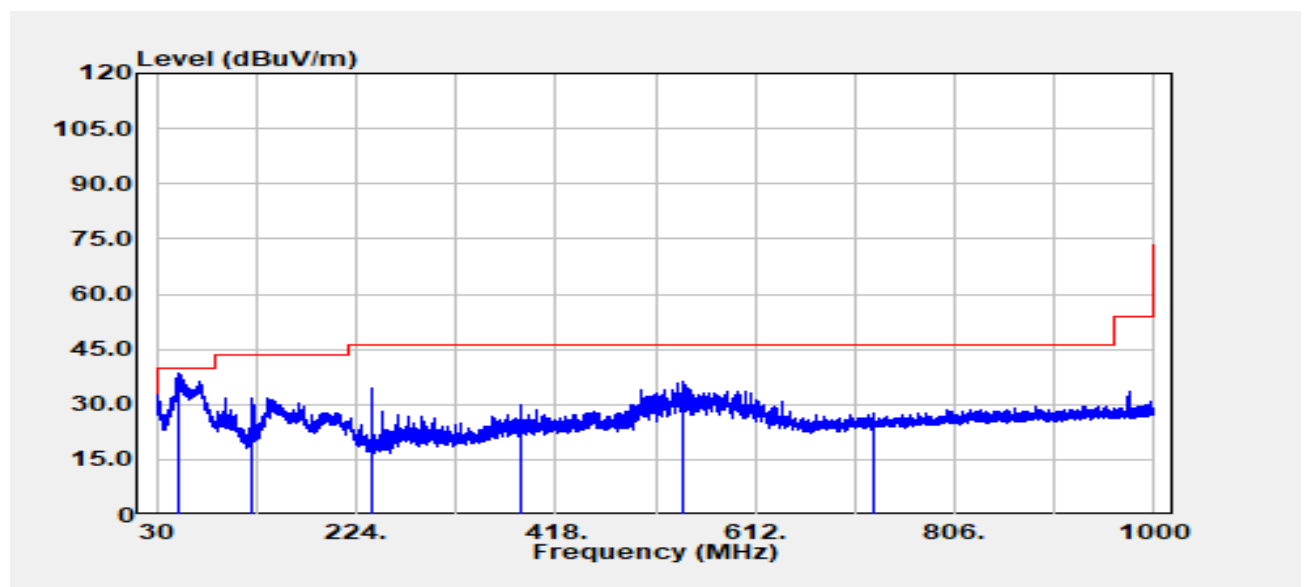
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBUV/m	Limit dBUV/m	Margin dB
2353.02	Peak	48.65	6.24	54.89	74.00	-19.11
2389.03	Average	39.07	6.26	45.33	54.00	-8.67
2452.00	Peak	104.71	6.34	111.05	-	-
2452.00	Average	97.37	6.34	103.72	-	-
2483.57	Average	45.62	6.72	52.33	54.00	-1.67
2484.07	Peak	57.81	6.72	64.53	74.00	-9.47

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TX Test Data

Project No	:TM-2404000025P	Test Date	:2024-09-26
Operation Band	:802.11g_CH1	Temp./Humi.	:24.6/57
Frequency	:2462 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:TX	Engineer	:Tony Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:		



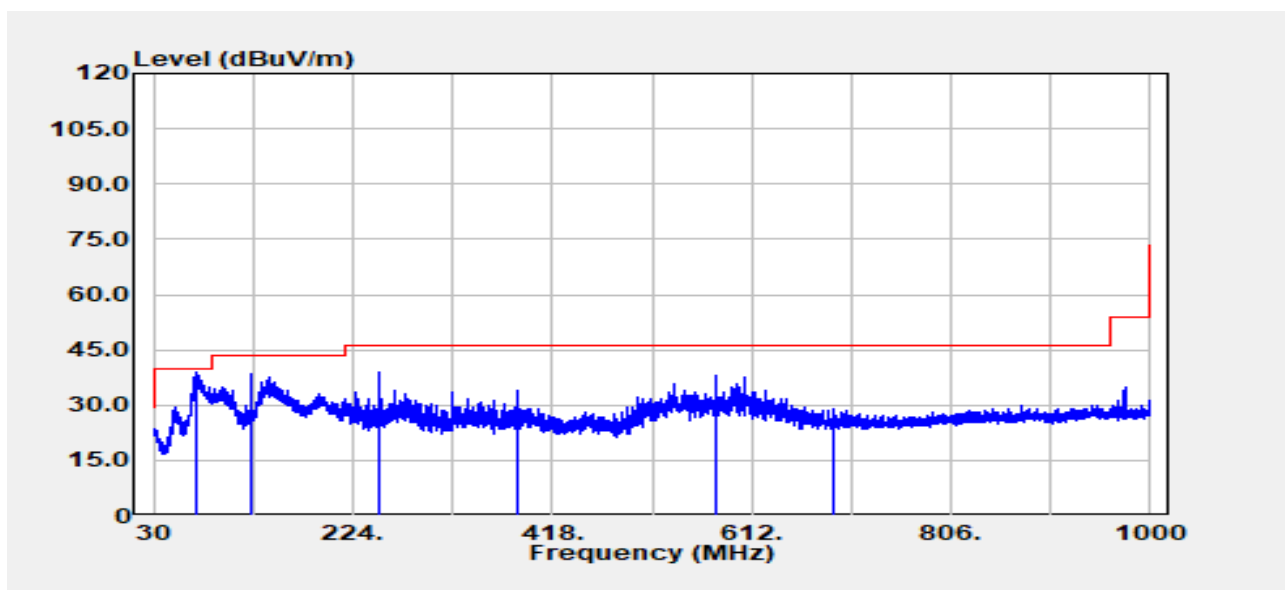
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
52.31	Peak	54.64	-16.28	38.36	40.00	-1.64
122.64	Peak	41.47	-9.67	31.80	43.50	-11.70
240.13	Peak	45.64	-11.42	34.23	46.00	-11.77
383.93	Peak	37.10	-7.38	29.72	46.00	-16.28
541.19	Peak	40.12	-3.81	36.30	46.00	-9.70
728.28	Peak	28.02	-0.56	27.47	46.00	-18.53

Project No: TM-2404000025P
Report No.: TMWK2404001048KR

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Project No :TM-2404000025P
Operation Band :802.11g_CH1
Frequency :2462 MHz
Operation Mode :TX
EUT Pol :E2
Setting :

Test Date :2024-09-26
Temp./Humi. :24.6/57
Antenna Pol. :HORIZONTAL
Engineer :Tony Chao
Test Chamber : 966A



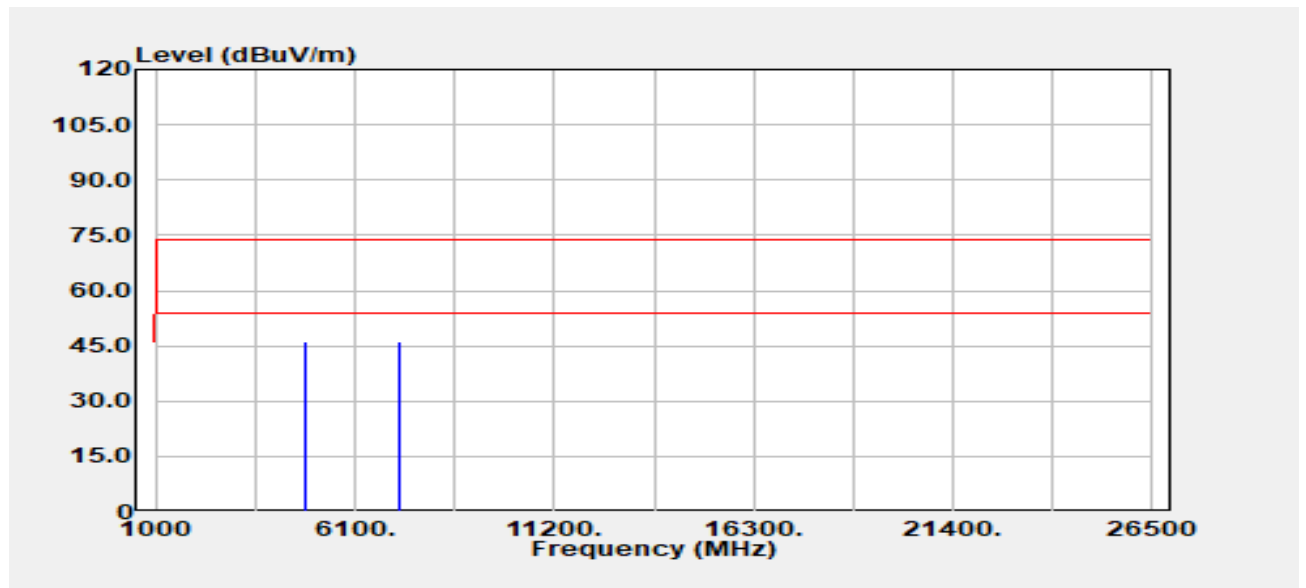
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
72.07	Peak	54.39	-15.63	38.76	40.00	-1.24
124.94	Peak	48.27	-9.61	38.66	43.50	-4.84
249.95	Peak	50.33	-11.41	38.92	46.00	-7.08
384.05	Peak	41.11	-7.37	33.74	46.00	-12.26
578.17	Peak	41.04	-3.22	37.82	46.00	-8.18
692.15	Peak	30.13	-1.27	28.86	46.00	-17.14

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Project No :TM-2404000025P
Operation Band :802.11b_CH1
Frequency :2412 MHz
Operation Mode :TX
EUT Pol :E2
Setting :25

Test Date :2024-09-13
Temp./Humi. :24.6/57
Antenna Pol. :Vertical
Engineer :Tony Chao
Test Chamber : 966A



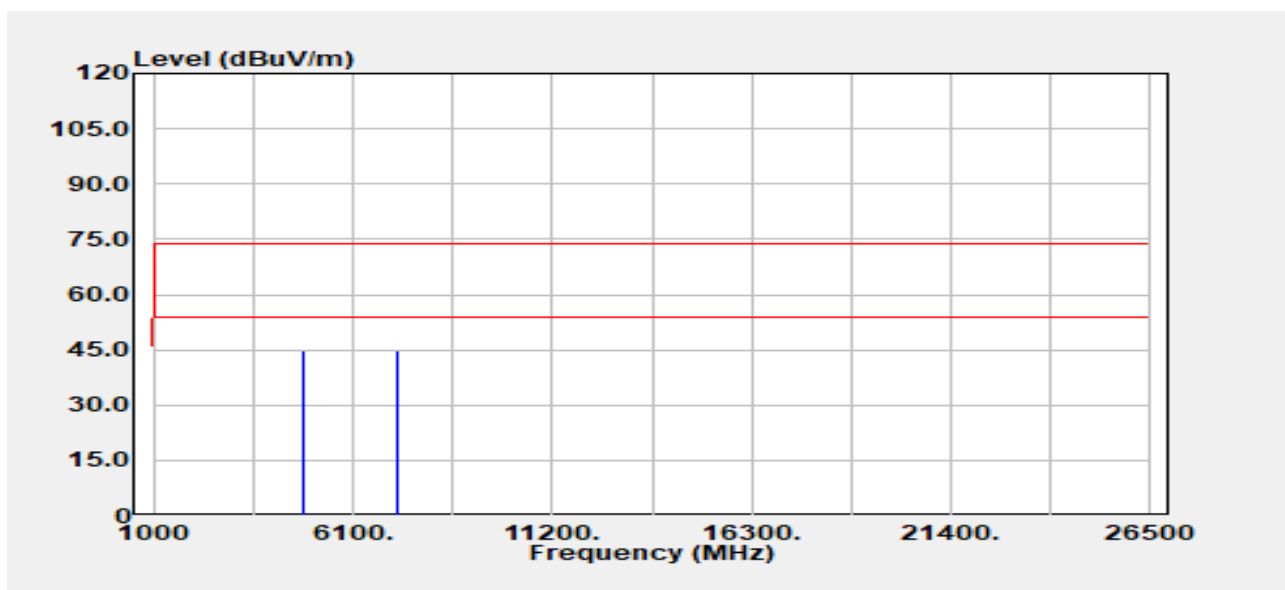
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4824.00	Peak	44.04	2.25	46.29	74.00	-27.71
4824.00	Average	43.29	2.25	45.54	54.00	-8.46
7236.00	Peak	37.14	9.17	46.31	74.00	-27.69
7236.00	Average	32.23	9.17	41.40	54.00	-12.60

Project No: TM-2404000025P
Report No.: TMWK2404001048KR

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Project No :TM-2404000025P
Operation Band :802.11b_CH1
Frequency :2412 MHz
Operation Mode :TX
EUT Pol :E2
Setting :25

Test Date :2024-09-13
Temp./Humi. :24.6/57
Antenna Pol. :Horizontal
Engineer :Tony Chao
Test Chamber : 966A



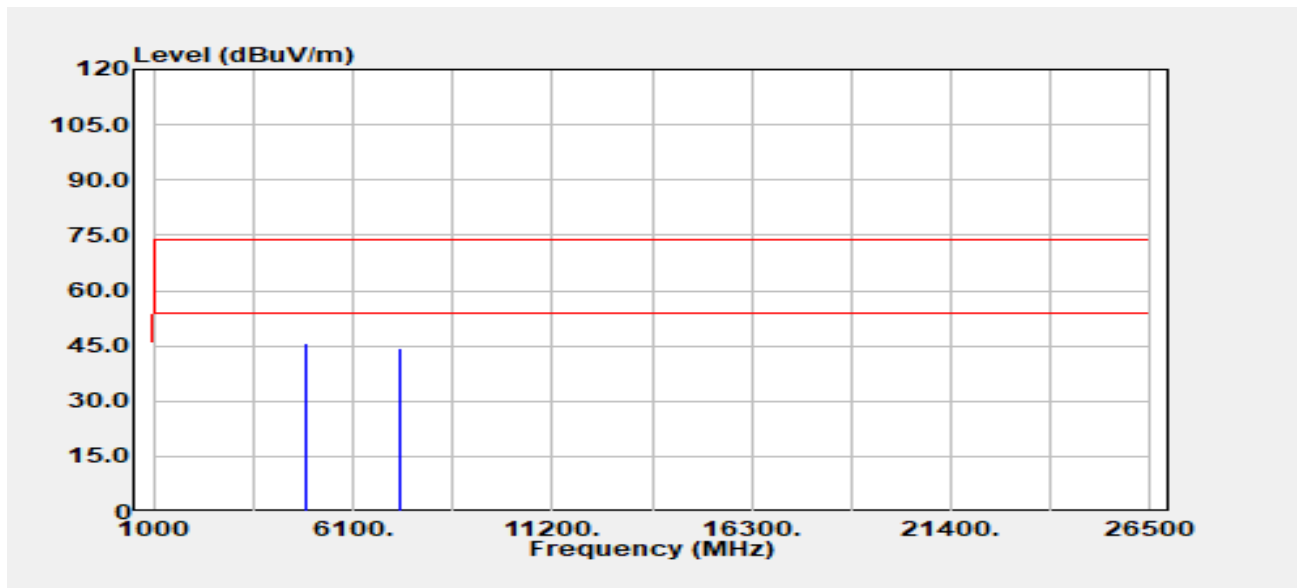
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4824.00	Peak	42.44	2.25	44.70	74.00	-29.30
4824.00	Average	41.74	2.25	43.99	54.00	-10.01
7236.00	Peak	35.87	9.17	45.04	74.00	-28.96
7236.00	Average	31.31	9.17	40.47	54.00	-13.53

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Project No :TM-2404000025P
Operation Band :802.11b_CH1
Frequency :2437 MHz
Operation Mode :TX
EUT Pol :E2
Setting :25

Test Date :2024-09-13
Temp./Humi. :24.6/57
Antenna Pol. :Vertical
Engineer :Tony Chao
Test Chamber : 966A



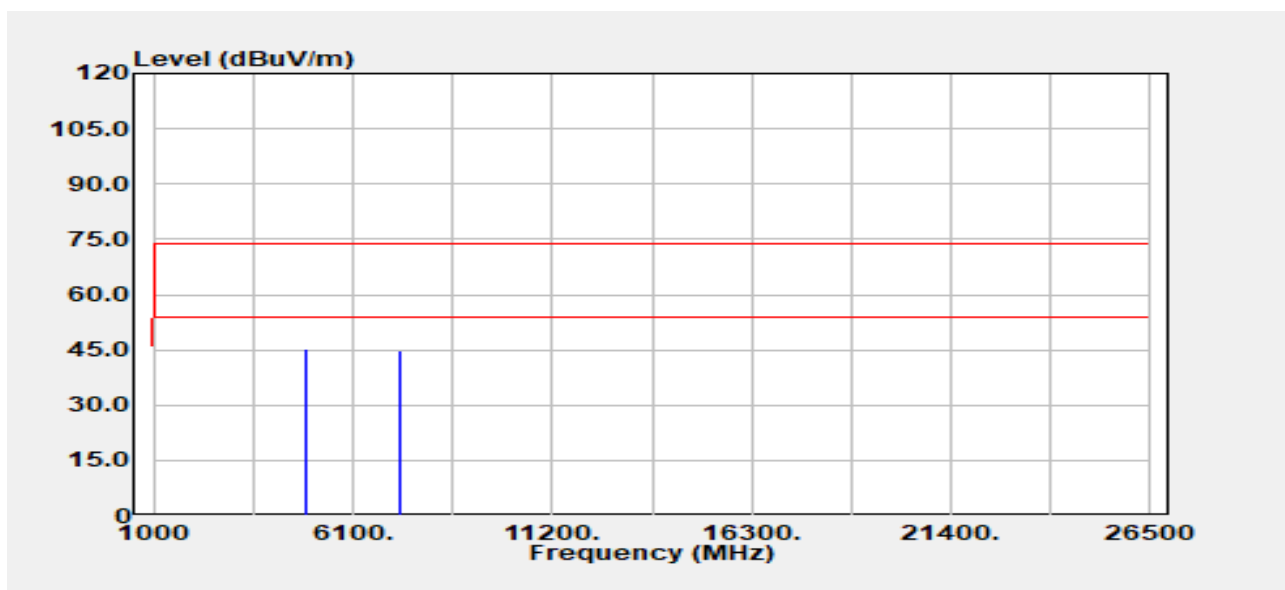
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4874.00	Peak	43.09	2.49	45.58	74.00	-28.42
4874.00	Average	42.38	2.49	44.87	54.00	-9.13
7311.00	Peak	35.50	8.96	44.47	74.00	-29.53
7311.00	Average	31.74	8.96	40.70	54.00	-13.30

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Project No :TM-2404000025P
Operation Band :802.11b_CH1
Frequency :2437 MHz
Operation Mode :TX
EUT Pol :E2
Setting :25

Test Date :2024-09-13
Temp./Humi. :24.6/57
Antenna Pol. :Horizontal
Engineer :Tony Chao
Test Chamber : 966A

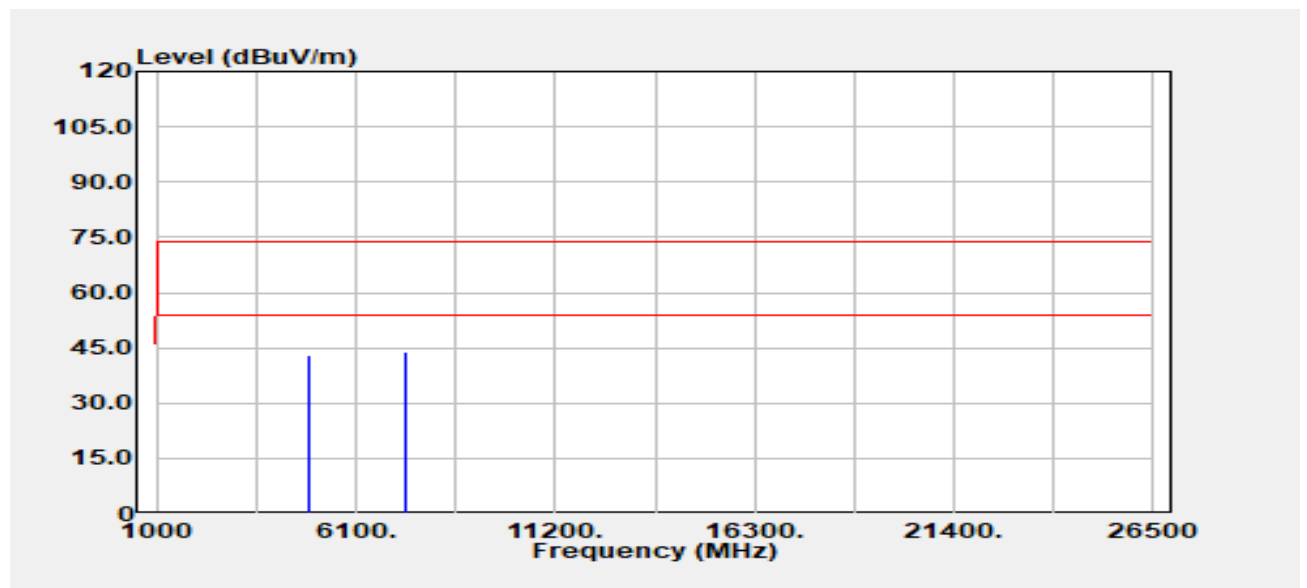


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4874.00	Peak	42.75	2.49	45.24	74.00	-28.76
4874.00	Average	40.96	2.49	43.46	54.00	-10.54
7311.00	Peak	35.71	8.96	44.67	74.00	-29.33
7311.00	Average	31.27	8.96	40.23	54.00	-13.77

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Report No.: TMWK2404001048KR

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Project No	:TM-2404000025P	Test Date	:2024-09-13
Operation Band	:802.11b_CH1	Temp./Humi.	:24.6/57
Frequency	:2462 MHz	Antenna Pol.	:Vertical
Operation Mode	:TX	Engineer	:Tony Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:24		



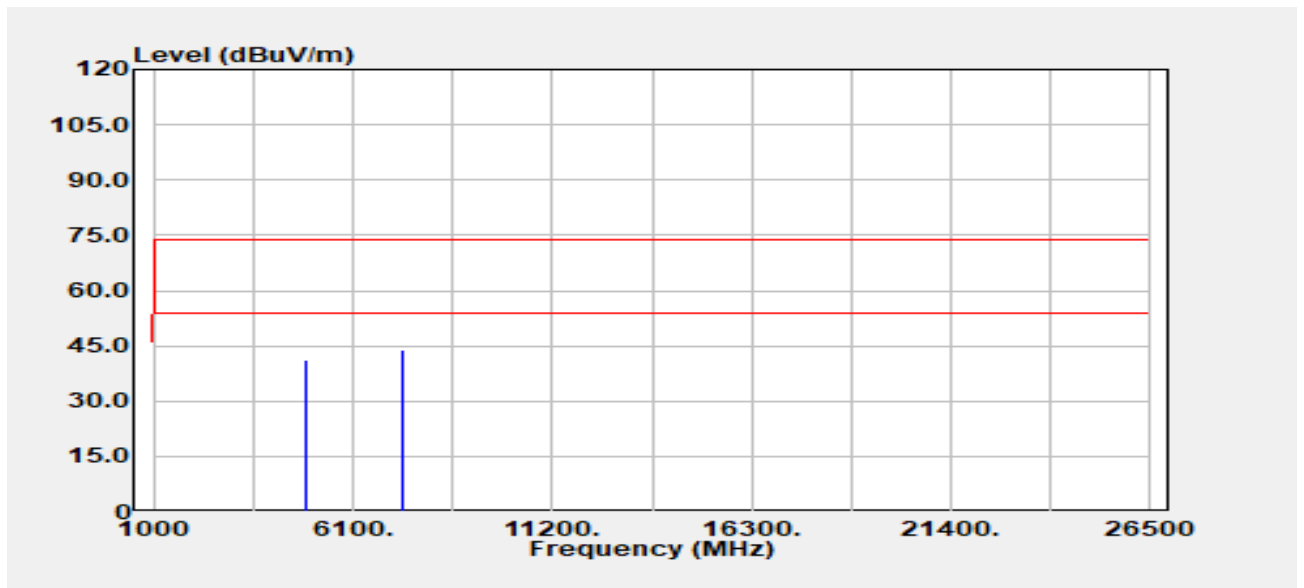
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4924.00	Peak	40.22	2.93	43.14	74.00	-30.86
4924.00	Average	37.82	2.93	40.75	54.00	-13.25
7386.00	Peak	34.71	9.01	43.72	74.00	-30.28
7386.00	Average	30.07	9.01	39.08	54.00	-14.92

Project No: TM-2404000025P
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Project No :TM-2404000025P
Operation Band :802.11b_CH1
Frequency :2462 MHz
Operation Mode :TX
EUT Pol :E2
Setting :24

Test Date :2024-09-13
Temp./Humi. :24.6/57
Antenna Pol. :Horizontal
Engineer :Tony Chao
Test Chamber : 966A



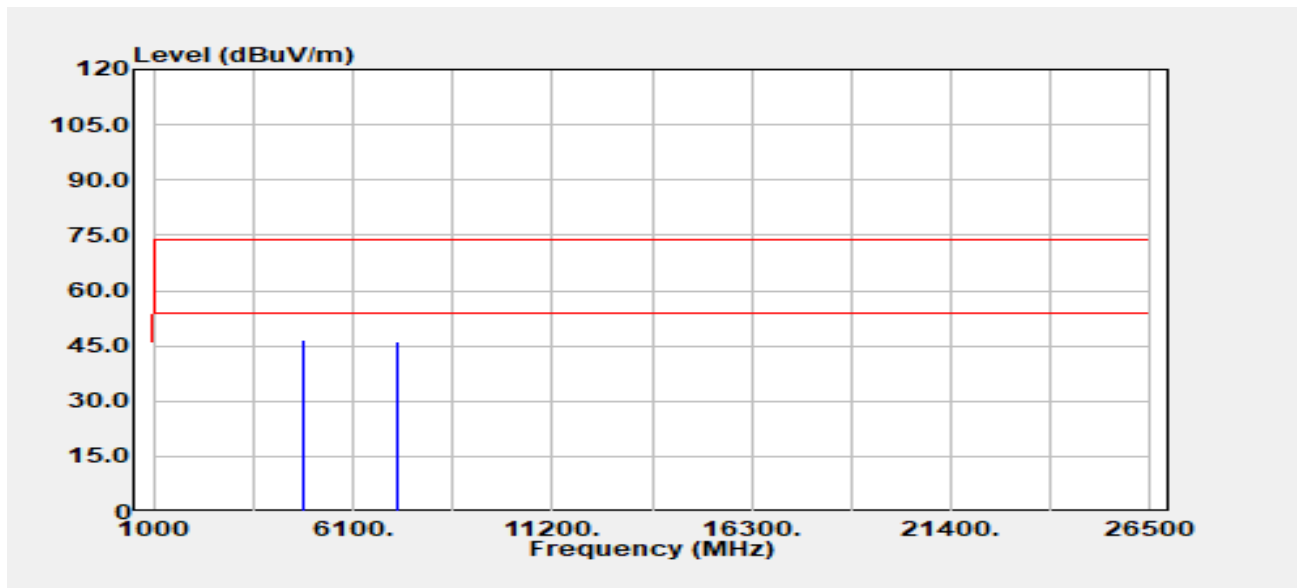
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4924.00	Peak	38.08	2.93	41.00	74.00	-33.00
4924.00	Average	35.62	2.93	38.55	54.00	-15.45
7386.00	Peak	34.74	9.01	43.76	74.00	-30.24
7386.00	Average	29.77	9.01	38.79	54.00	-15.21

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Project No :TM-2404000025P
Operation Band :802.11g_CH1
Frequency :2412 MHz
Operation Mode :TX
EUT Pol :E2
Setting :18

Test Date :2024-09-13
Temp./Humi. :24.6/57
Antenna Pol. :Vertical
Engineer :Tony Chao
Test Chamber : 966A



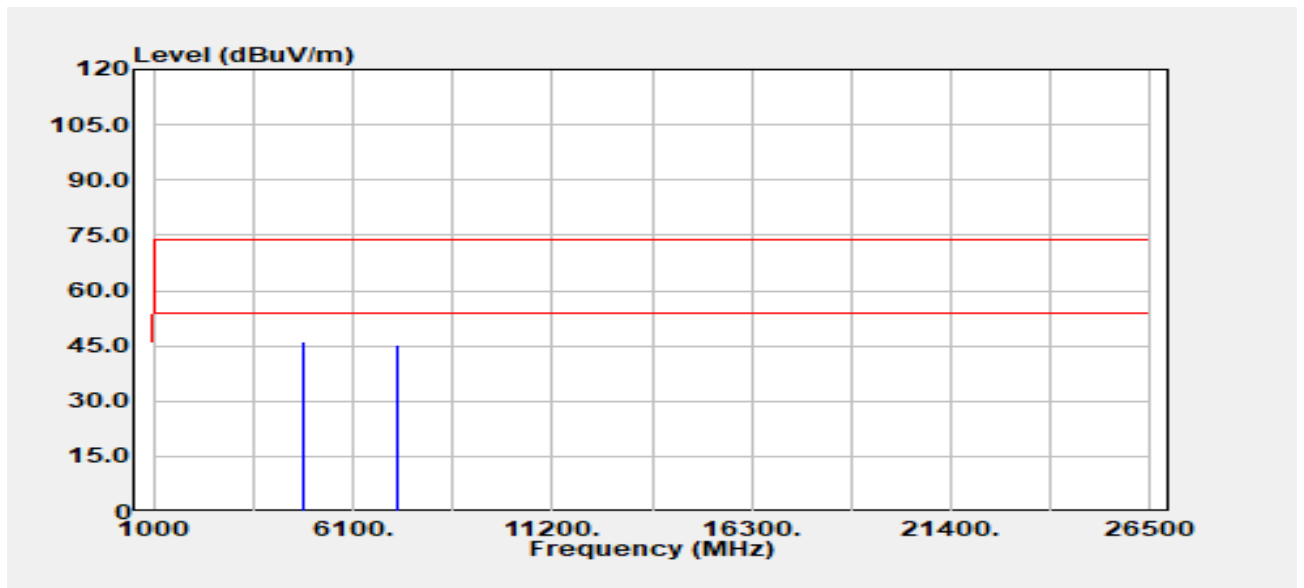
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4824.00	Peak	44.27	2.25	46.52	74.00	-27.48
4824.00	Average	37.15	2.25	39.40	54.00	-14.60
7236.00	Peak	36.88	9.17	46.05	74.00	-27.95
7236.00	Average	29.42	9.17	38.59	54.00	-15.41

Project No: TM-2404000025P
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Project No :TM-2404000025P
Operation Band :802.11g_CH1
Frequency :2412 MHz
Operation Mode :TX
EUT Pol :E2
Setting :18

Test Date :2024-09-13
Temp./Humi. :24.6/57
Antenna Pol. :Horizontal
Engineer :Tony Chao
Test Chamber : 966A



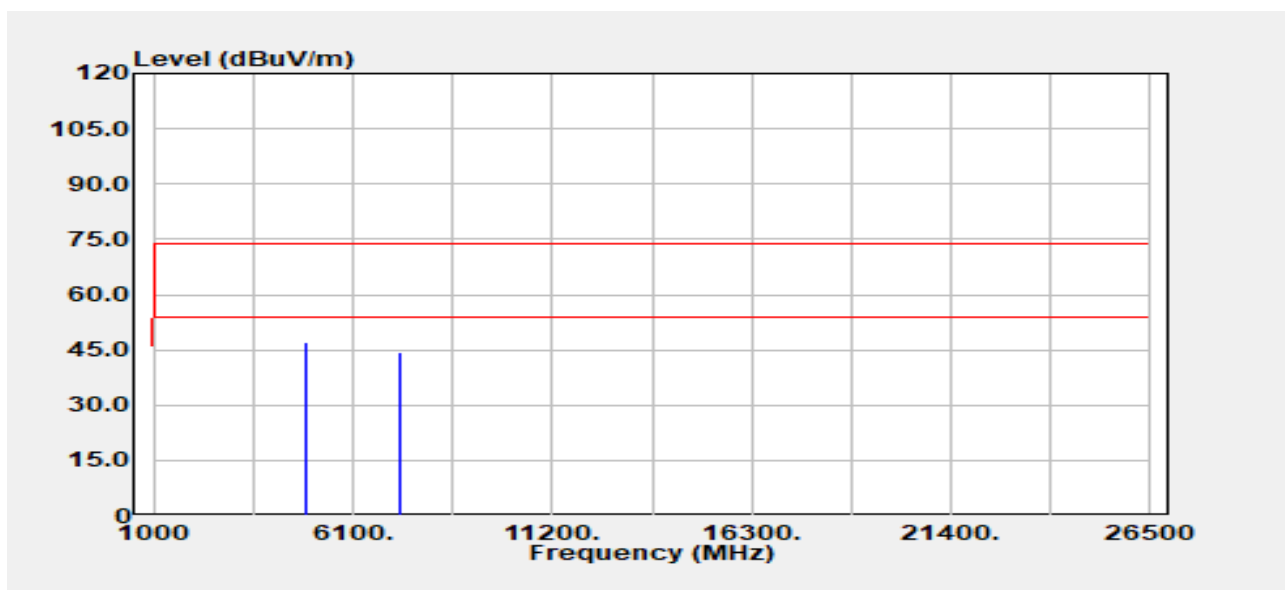
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4824.00	Peak	44.06	2.25	46.31	74.00	-27.69
4824.00	Average	35.89	2.25	38.14	54.00	-15.86
7236.00	Peak	35.93	9.17	45.10	74.00	-28.90
7236.00	Average	29.28	9.17	38.45	54.00	-15.55

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Project No :TM-2404000025P
Operation Band :802.11g_CH1
Frequency :2437 MHz
Operation Mode :TX
EUT Pol :E2
Setting :19

Test Date :2024-09-13
Temp./Humi. :24.6/57
Antenna Pol. :Vertical
Engineer :Tony Chao
Test Chamber : 966A



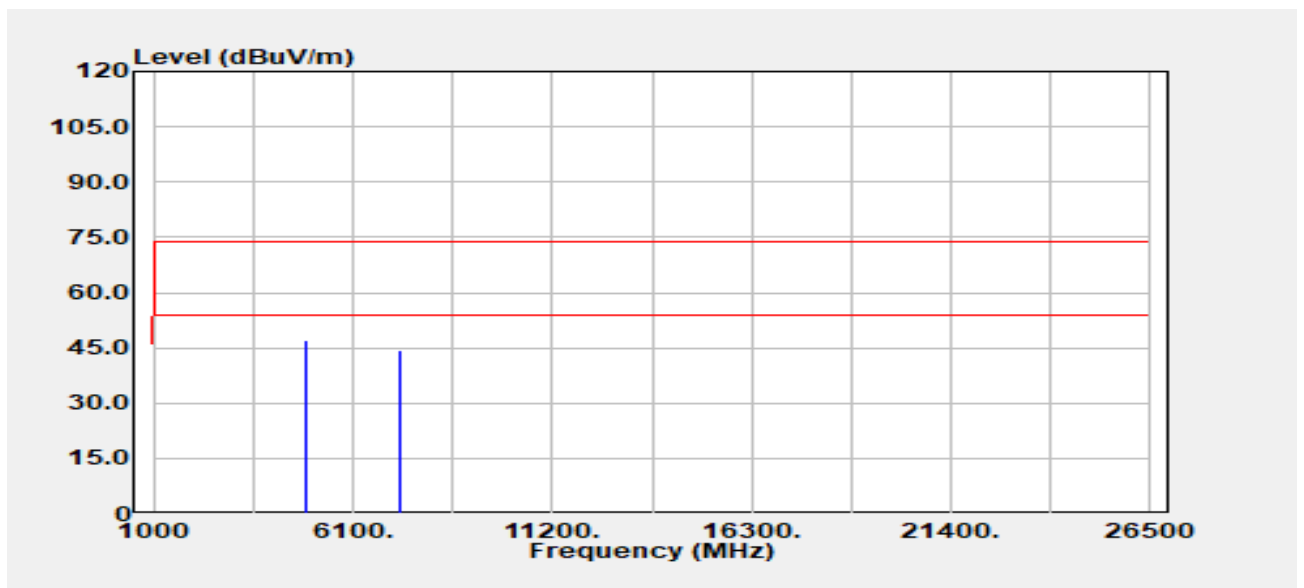
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4874.00	Peak	44.53	2.49	47.03	74.00	-26.97
4874.00	Average	36.00	2.49	38.49	54.00	-15.51
7311.00	Peak	35.53	8.96	44.50	74.00	-29.50
7311.00	Average	28.51	8.96	37.48	54.00	-16.52

Project No: TM-2404000025P
Report No.: TMWK2404001048KR

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Project No :TM-2404000025P
Operation Band :802.11g_CH1
Frequency :2437 MHz
Operation Mode :TX
EUT Pol :E2
Setting :19

Test Date :2024-09-13
Temp./Humi. :24.6/57
Antenna Pol. :Horizontal
Engineer :Tony Chao
Test Chamber : 966A



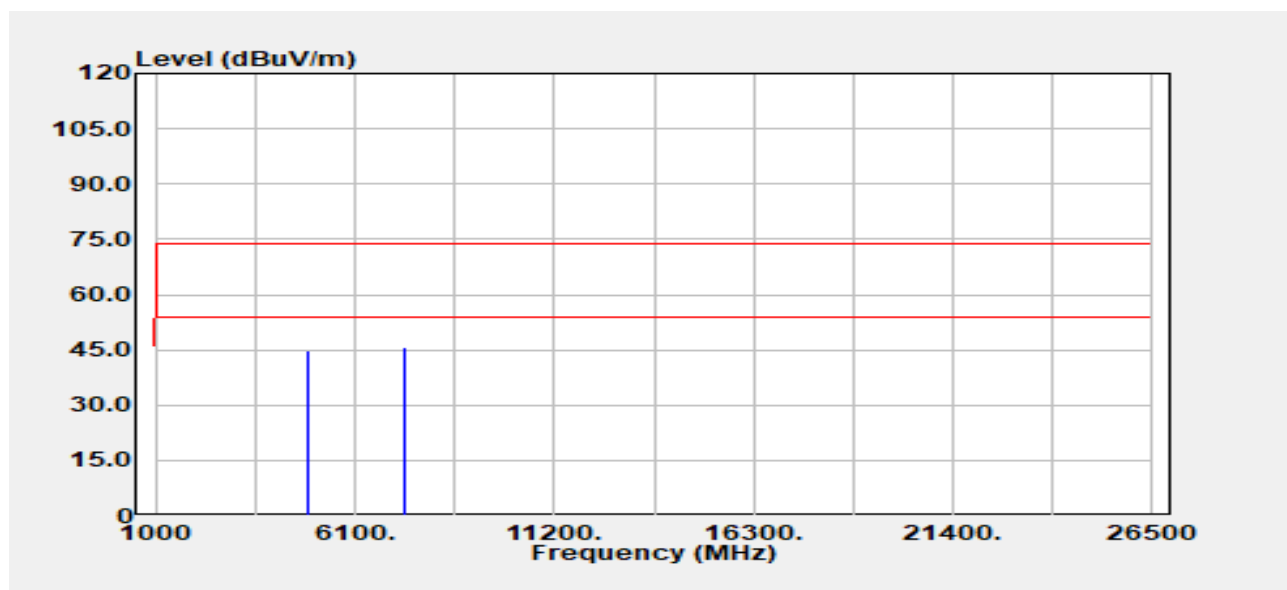
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4874.00	Peak	44.65	2.49	47.14	74.00	-26.86
4874.00	Average	36.26	2.49	38.76	54.00	-15.24
7311.00	Peak	35.53	8.96	44.49	74.00	-29.51
7311.00	Average	28.55	8.96	37.51	54.00	-16.49

Project No: TM-2404000025P
Report No.: TMWK2404001048KR

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Project No :TM-2404000025P
Operation Band :802.11g_CH1
Frequency :2462 MHz
Operation Mode :TX
EUT Pol :E2
Setting :19

Test Date :2024-09-13
Temp./Humi. :24.6/57
Antenna Pol. :Vertical
Engineer :Tony Chao
Test Chamber : 966A



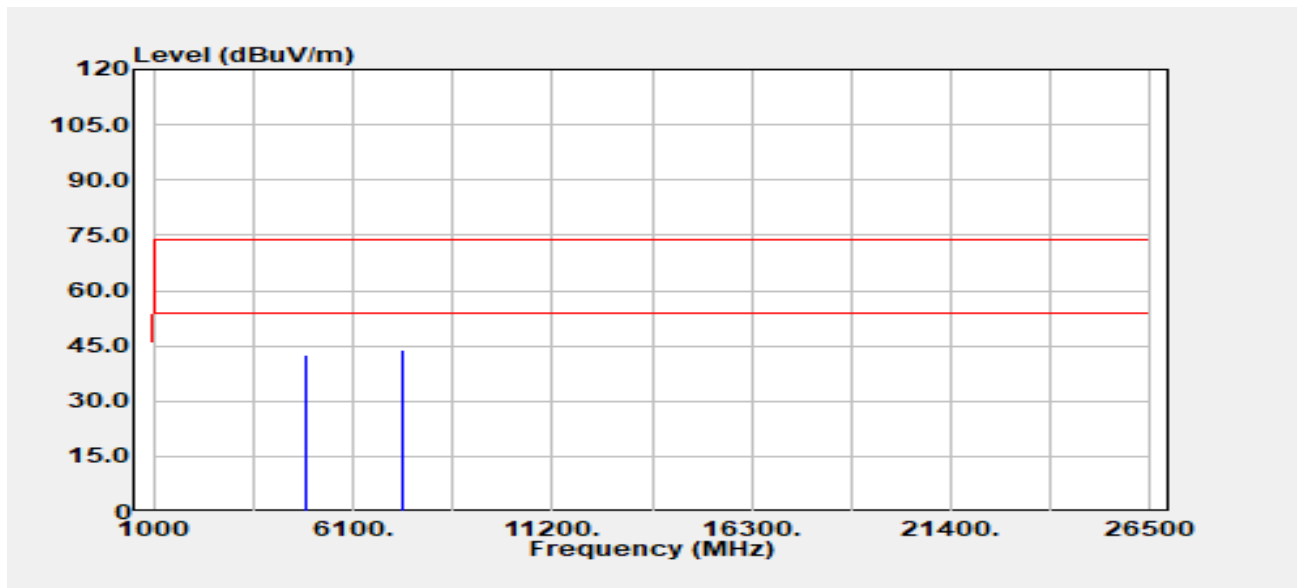
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4924.00	Peak	41.71	2.93	44.64	74.00	-29.36
4924.00	Average	32.79	2.93	35.71	54.00	-18.29
7386.00	Peak	36.72	9.01	45.73	74.00	-28.27
7386.00	Average	28.27	9.01	37.28	54.00	-16.72

Project No: TM-2404000025P
Report No.: TMWK2404001048KR

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Rev.: 00

Project No :TM-2404000025P
Operation Band :802.11g_CH1
Frequency :2462 MHz
Operation Mode :TX
EUT Pol :E2
Setting :19

Test Date :2024-09-13
Temp./Humi. :24.6/57
Antenna Pol. :Horizontal
Engineer :Tony Chao
Test Chamber : 966A



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4924.00	Peak	39.60	2.93	42.53	74.00	-31.47
4924.00	Average	33.11	2.93	36.04	54.00	-17.96
7386.00	Peak	34.91	9.01	43.92	74.00	-30.08
7386.00	Average	28.49	9.01	37.51	54.00	-16.49