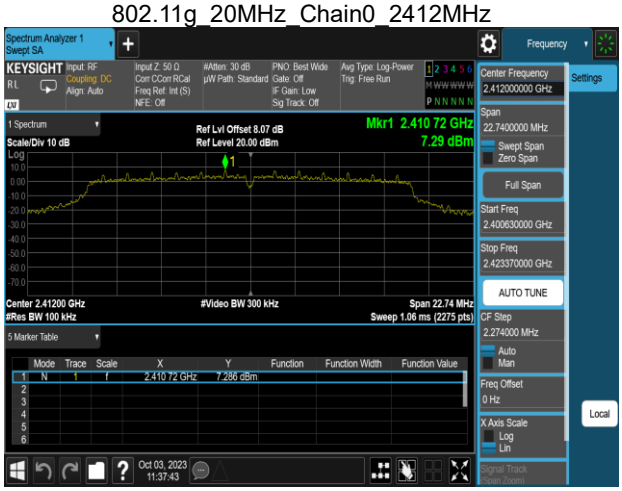
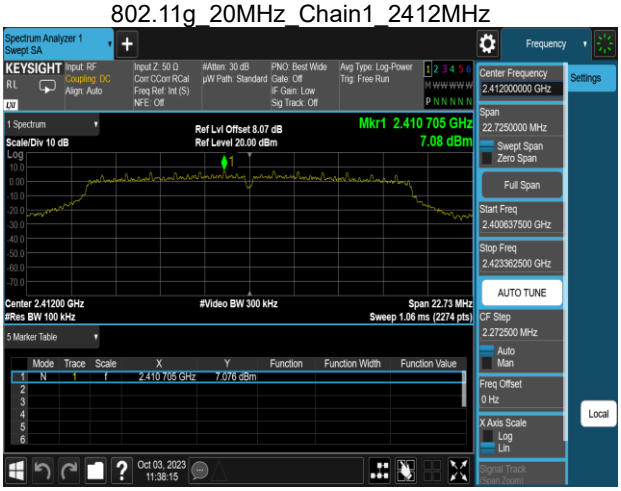
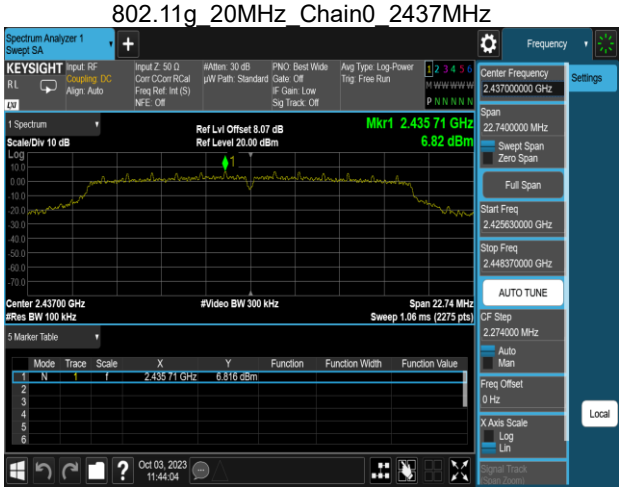
802.11g_20MHz_Chain0_2412MHz



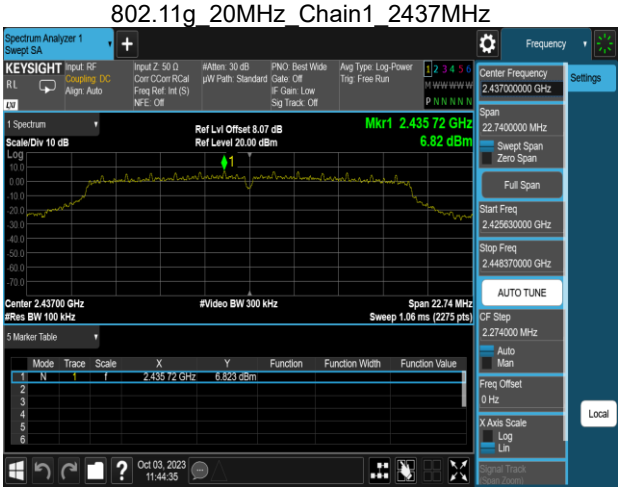
802.11g_20MHz_Chain1_2412MHz



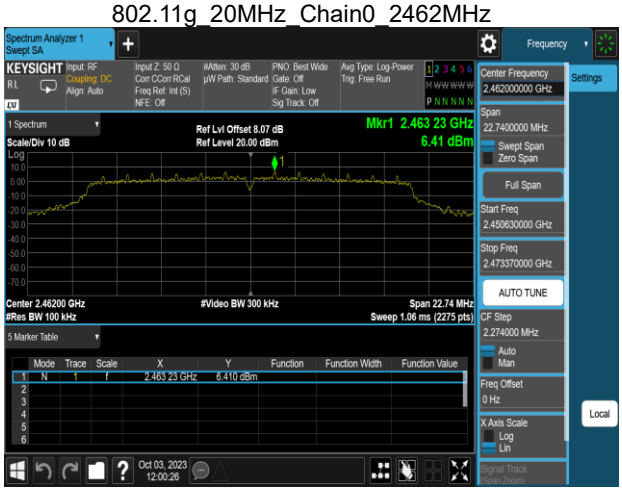
802.11g_20MHz_Chain0_2437MHz



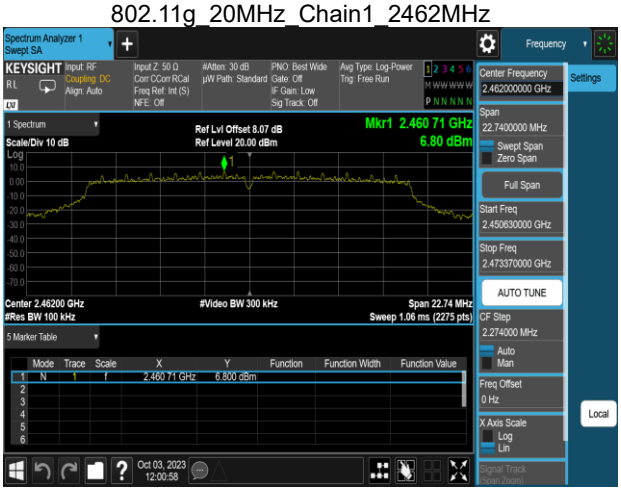
802.11g_20MHz_Chain1_2437MHz



802.11g_20MHz_Chain0_2462MHz



802.11g_20MHz_Chain1_2462MHz



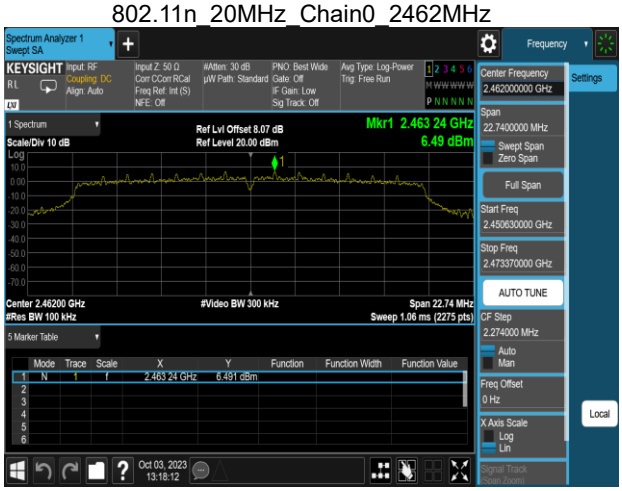
802.11n_20MHz_Chain0_2412MHz

802.11n_20MHz_Chain1_2412MHz

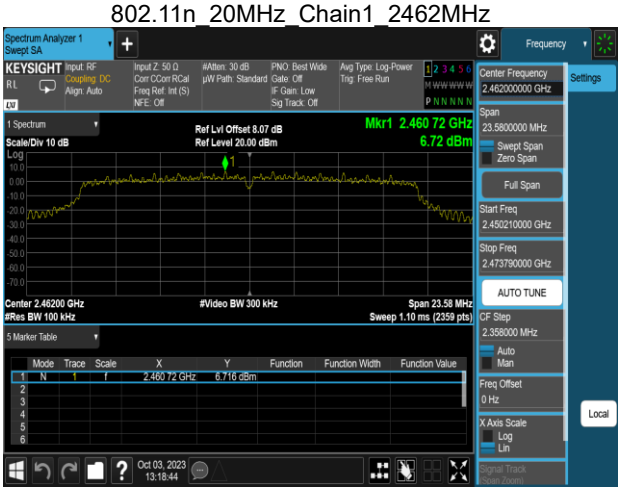
802.11n_20MHz_Chain0_2437MHz

802.11n_20MHz_Chain1_2437MHz

802.11n_20MHz_Chain0_2462MHz

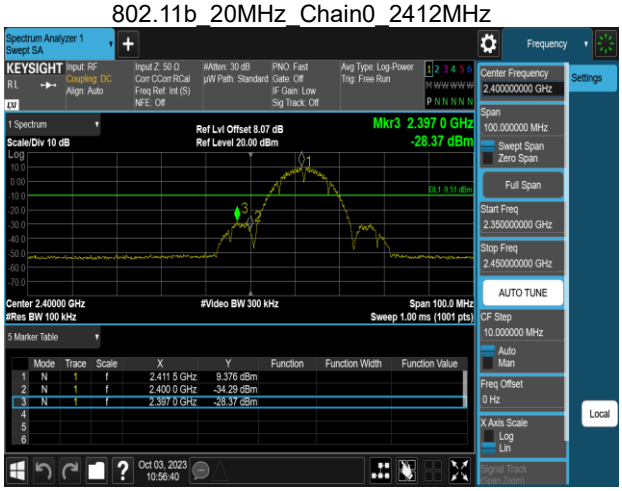


802.11n_20MHz_Chain1_2462MHz

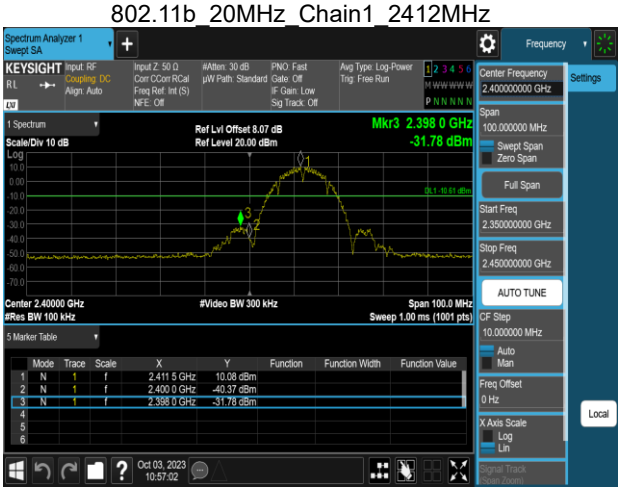


Band Edge

802.11b_20MHz_Chain0_2412MHz

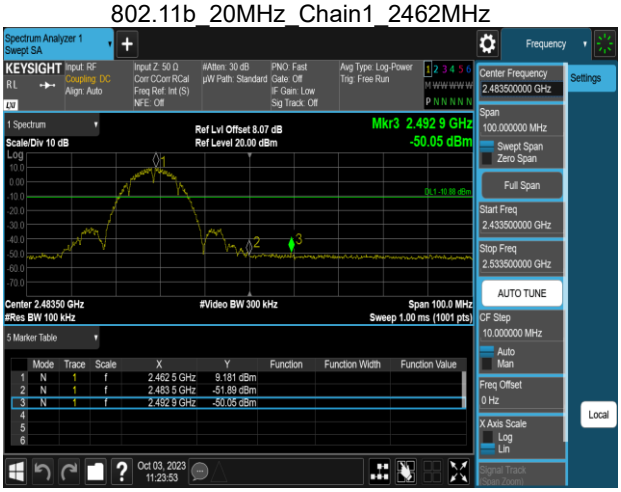


802.11b_20MHz_Chain1_2412MHz

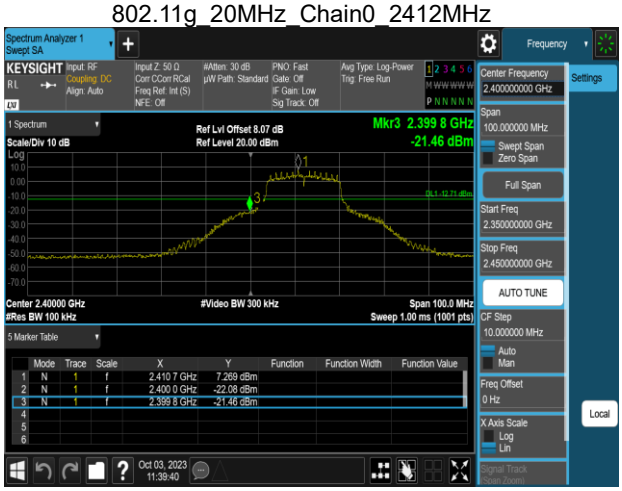


802.11b_20MHz_Chain0_2462MHz

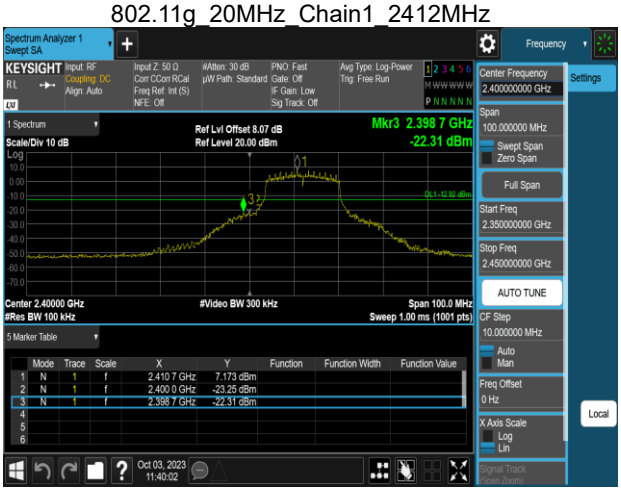
802.11b_20MHz_Chain1_2462MHz



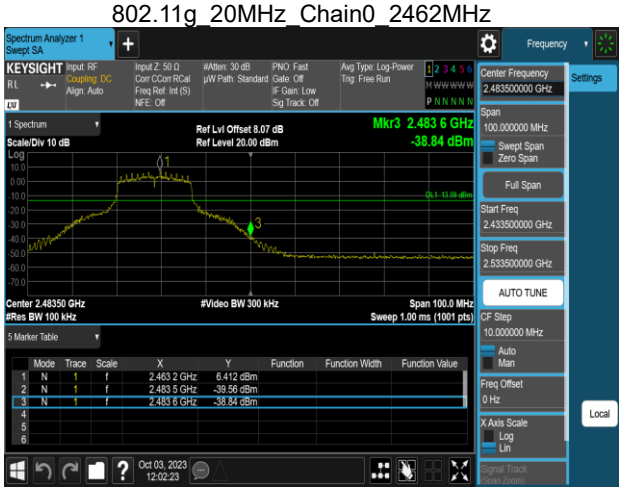
802.11g_20MHz_Chain0_2412MHz



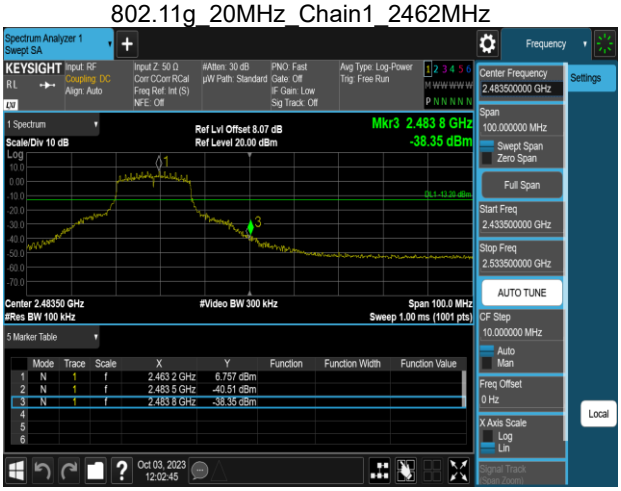
802.11g_20MHz_Chain1_2412MHz



802.11g_20MHz_Chain0_2462MHz



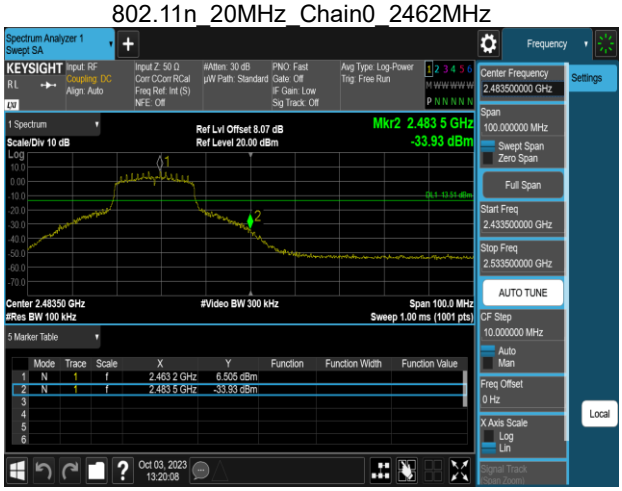
802.11g_20MHz_Chain1_2462MHz



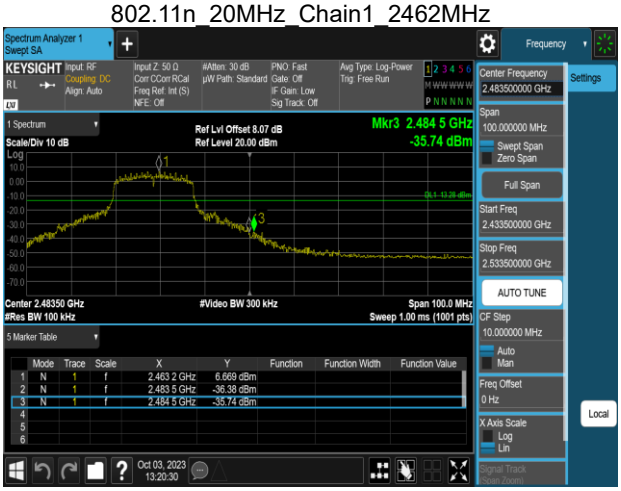
802.11n_20MHz_Chain0_2412MHz

802.11n_20MHz_Chain1_2412MHz

802.11n_20MHz_Chain0_2462MHz

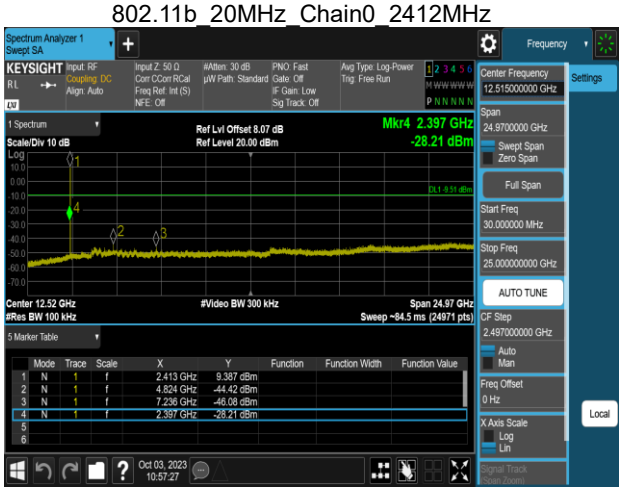


802.11n_20MHz_Chain1_2462MHz

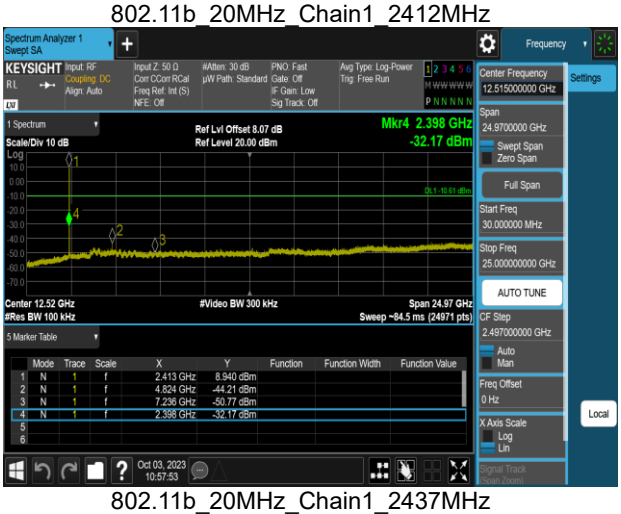


Spurious Emission

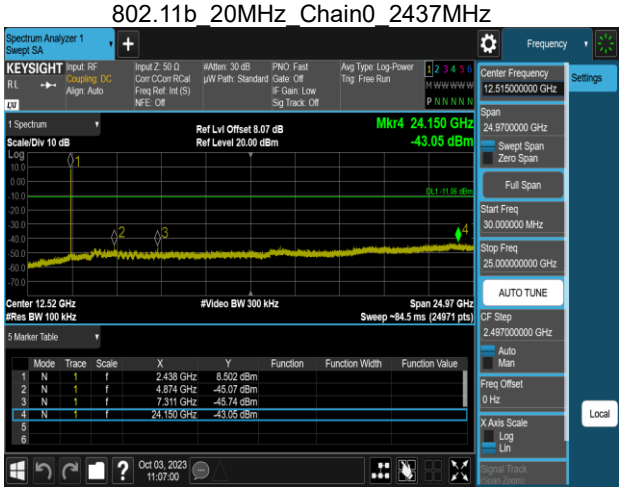
802.11b_20MHz_Chain0_2412MHz



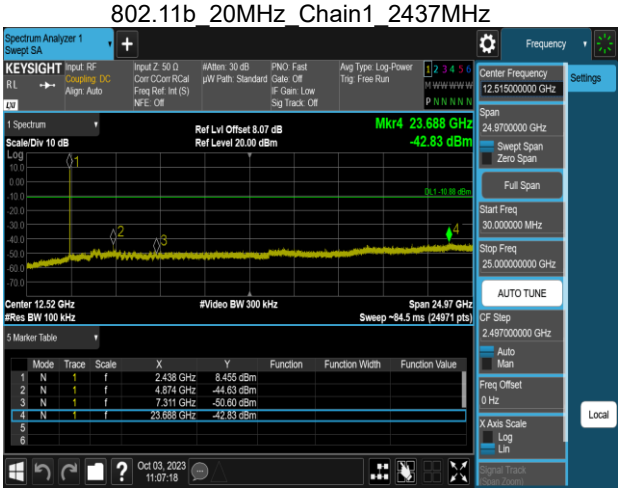
802.11b_20MHz_Chain1_2412MHz



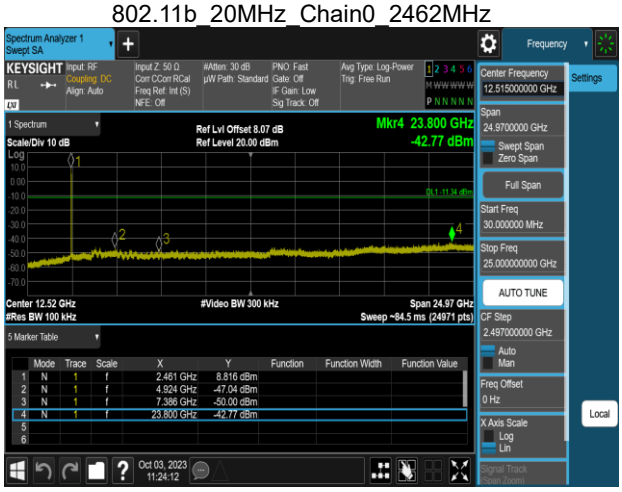
802.11b_20MHz_Chain0_2437MHz



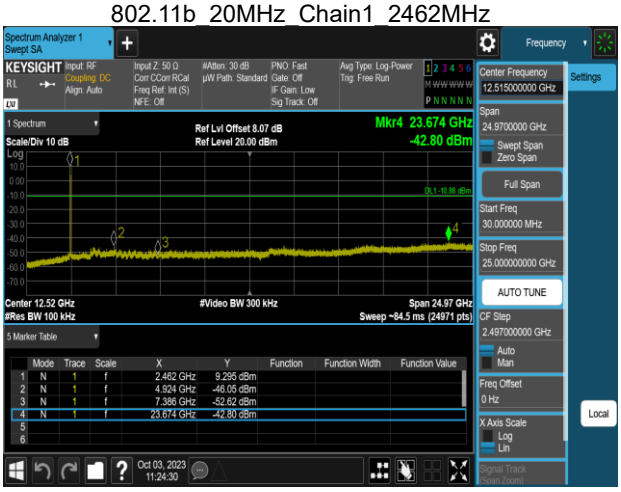
802.11b_20MHz_Chain1_2437MHz



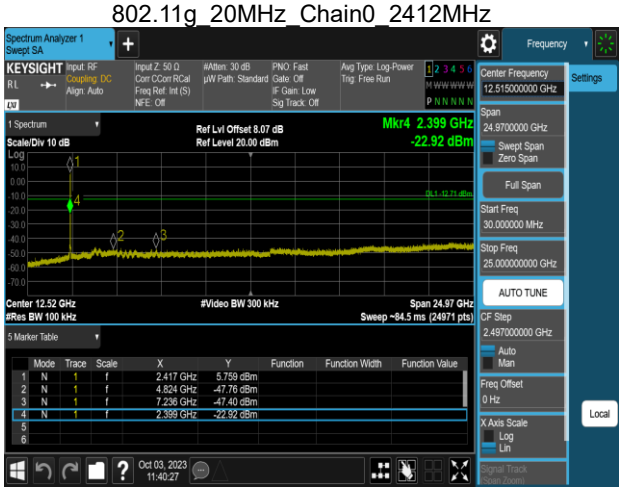
802.11b_20MHz_Chain0_2462MHz



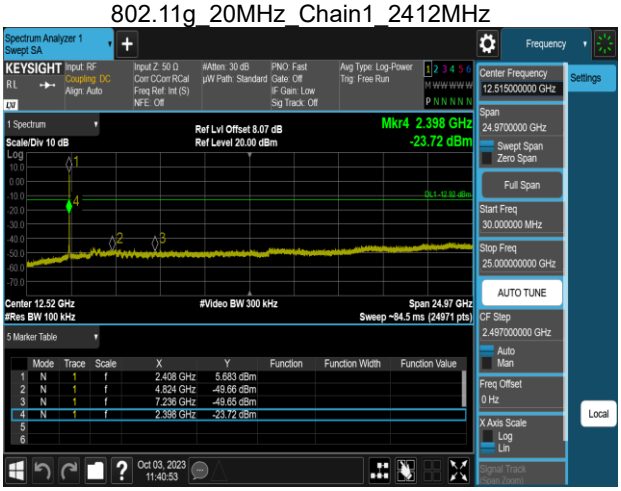
802.11b_20MHz_Chain1_2462MHz



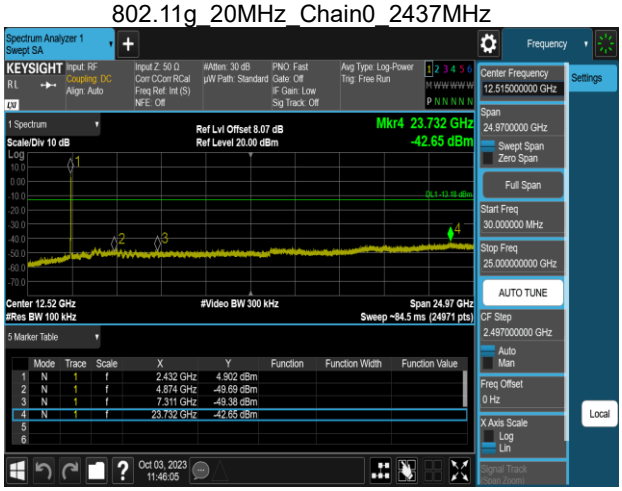
802.11g_20MHz_Chain0_2412MHz



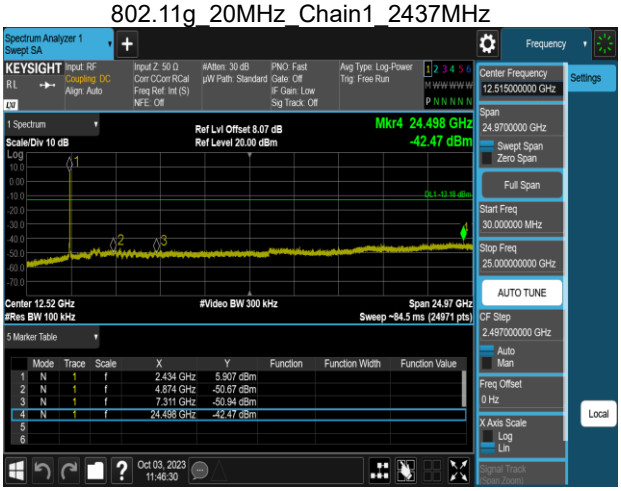
802.11g_20MHz_Chain1_2412MHz



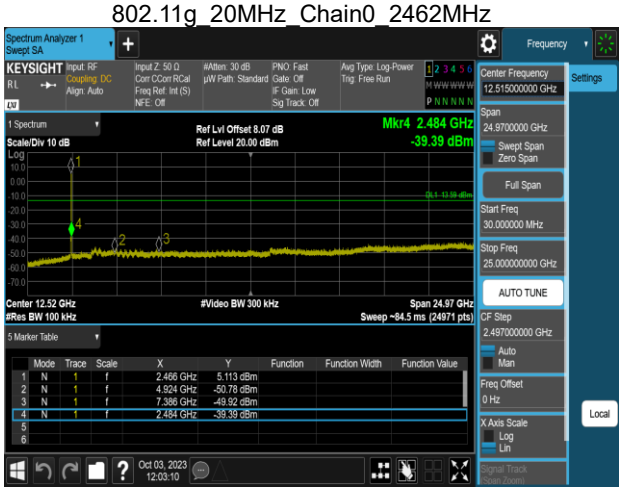
802.11g_20MHz_Chain0_2437MHz



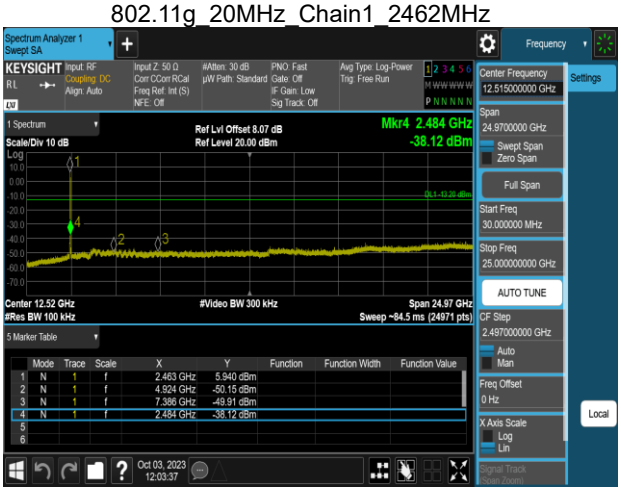
802.11g_20MHz_Chain1_2437MHz



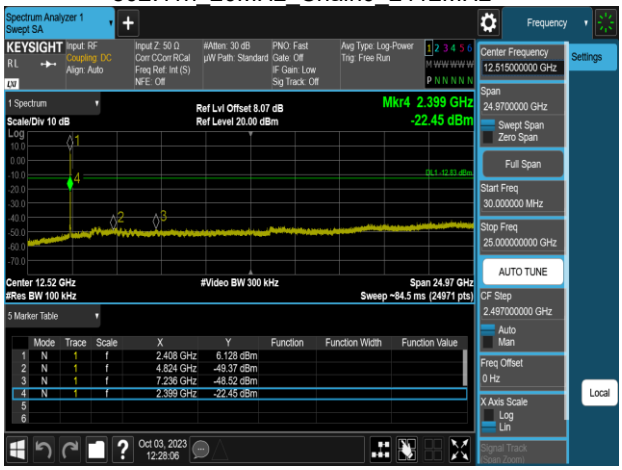
802.11g_20MHz_Chain0_2462MHz



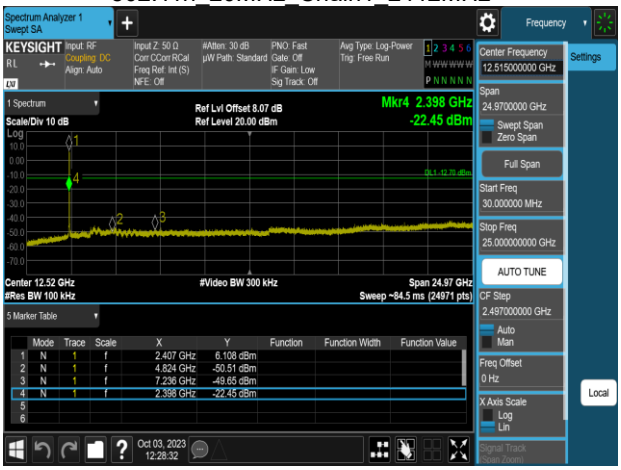
802.11g_20MHz_Chain1_2462MHz



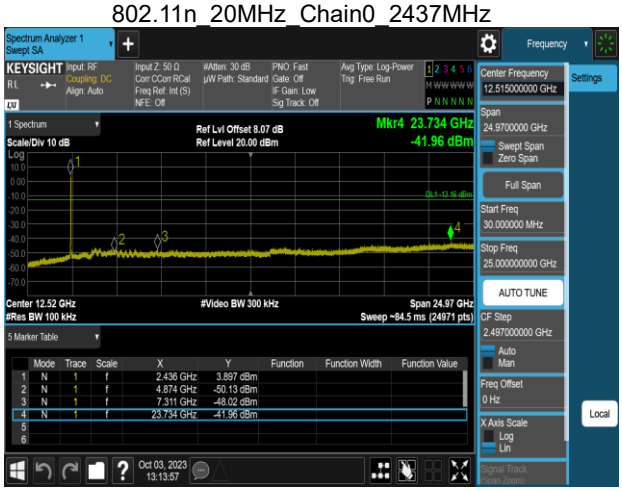
802.11n_20MHz_Chain0_2412MHz



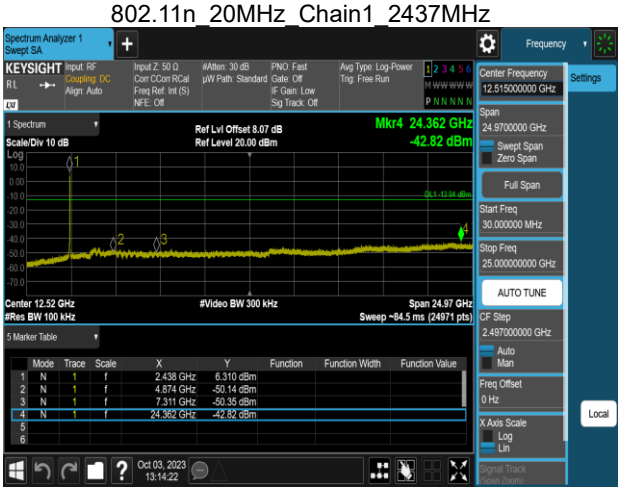
802.11n_20MHz_Chain1_2412MHz



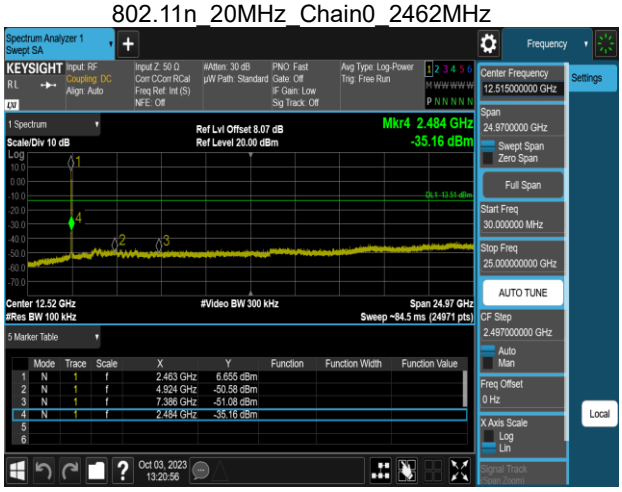
802.11n_20MHz_Chain0_2437MHz



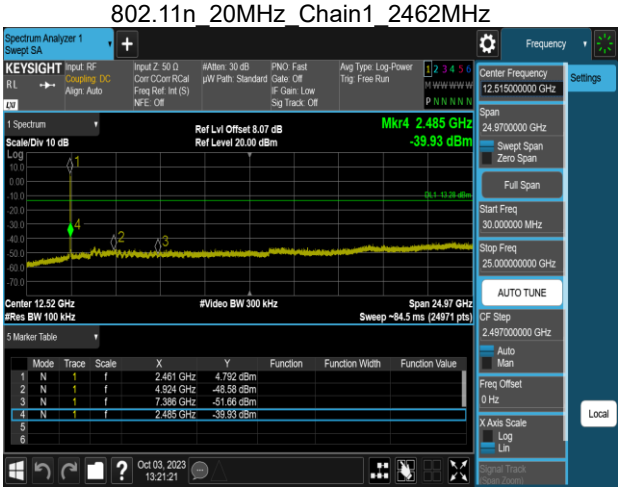
802.11n_20MHz_Chain1_2437MHz



802.11n_20MHz_Chain0_2462MHz



802.11n_20MHz_Chain1_2462MHz



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

IC according to RSS-247 section 5.5, RSS-Gen, Section 8.9 and 8.10

RSS-Gen Table 3 and Table 5 – General Field Strength Limits for Transmitters and Receivers at Frequencies Above 30 MHz (Note)

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

Note: Measurements for compliance with the limits in table 3 may be performed at distances other than 3 metres, in accordance with Section 6.6.

RSS-Gen Table 6: General Field Strength Limits for Transmitters at Frequencies Below 30 MHz (Transmit)

Frequency	Magnetic field strength (H-Field) (μA/m)	Measurement Distance (m)
9-490 kHz Note	6.37/F (F in kHz)	300
490-1,705 kHz	63.7/F (F in kHz)	30
1.705-30 MHz	0.08	30

Note: The emission limits for the ranges 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector.

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.

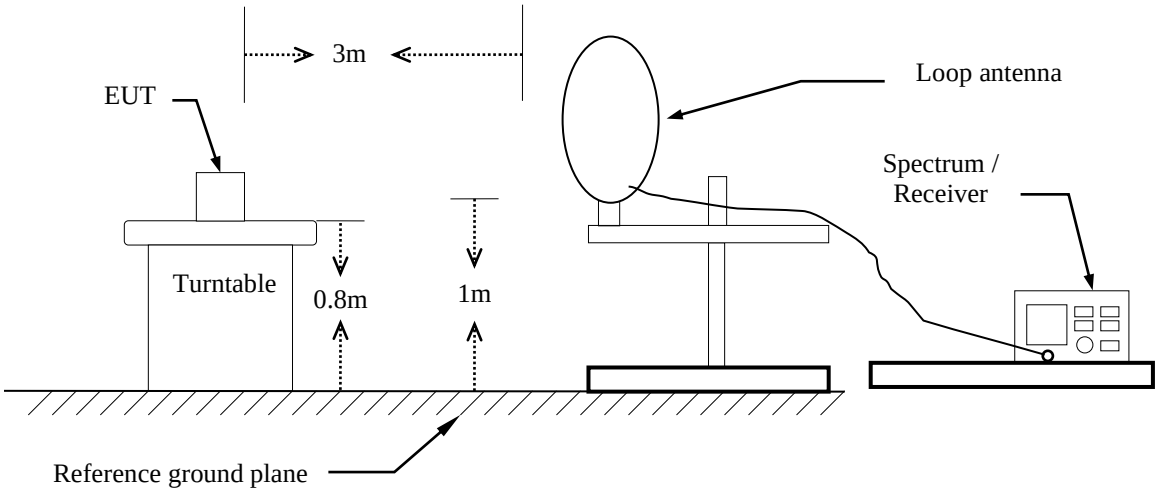
5. Data result：

Actual FS=Spectrum Reading Level + Factor

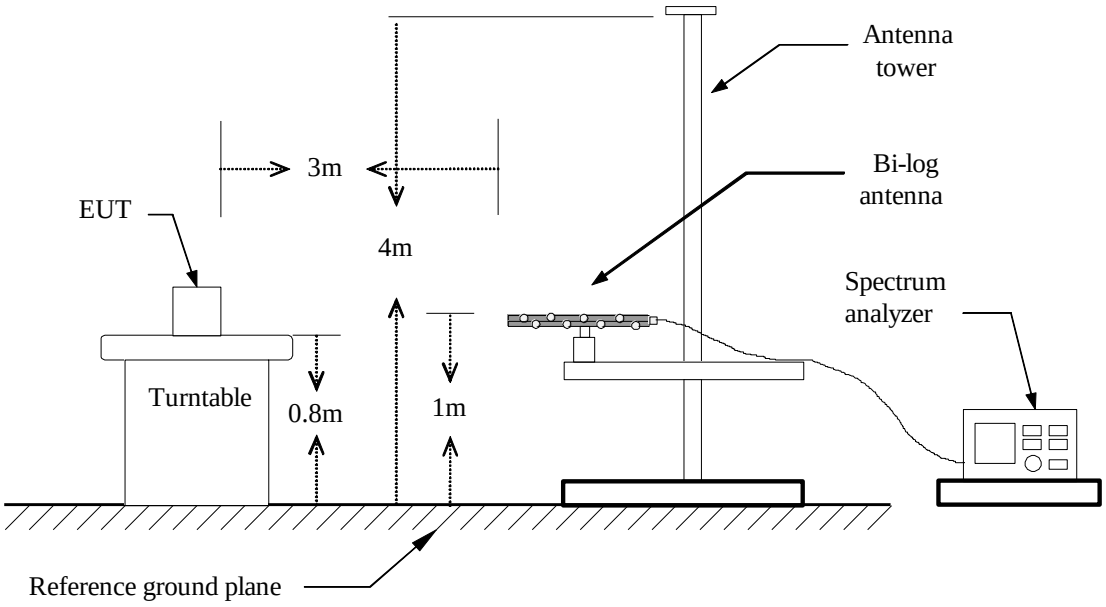
Margin=Actual FS- Limit

4.6.3 Test Setup

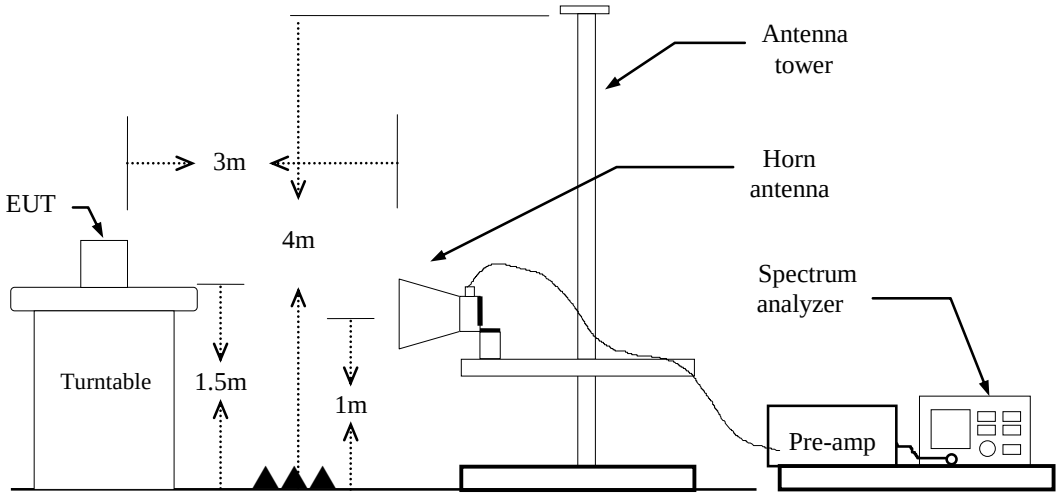
9kHz ~ 30MHz



30MHz ~ 1GHz



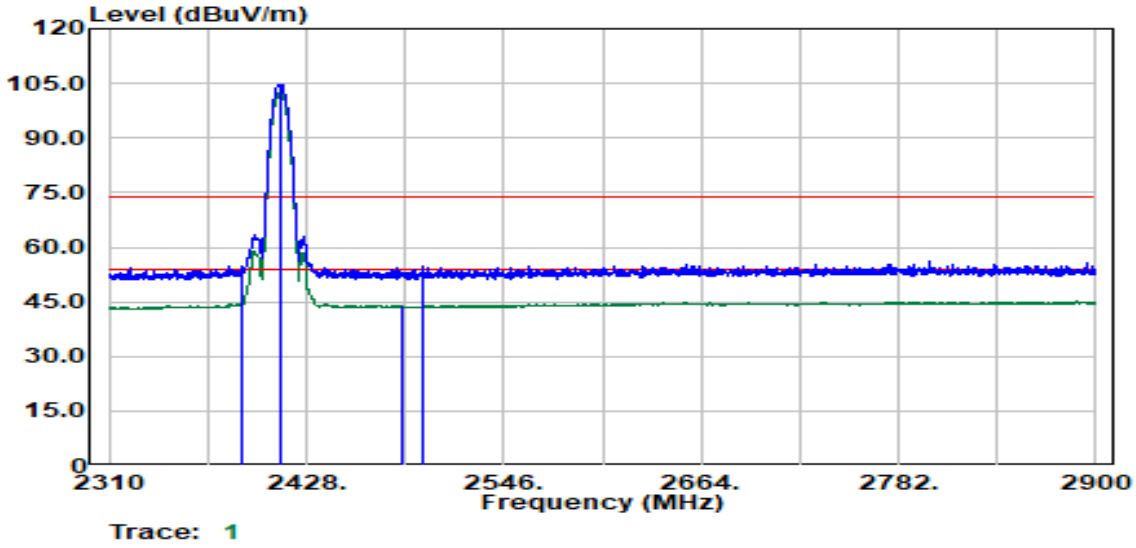
Above 1 GHz



4.6.4 Test Result

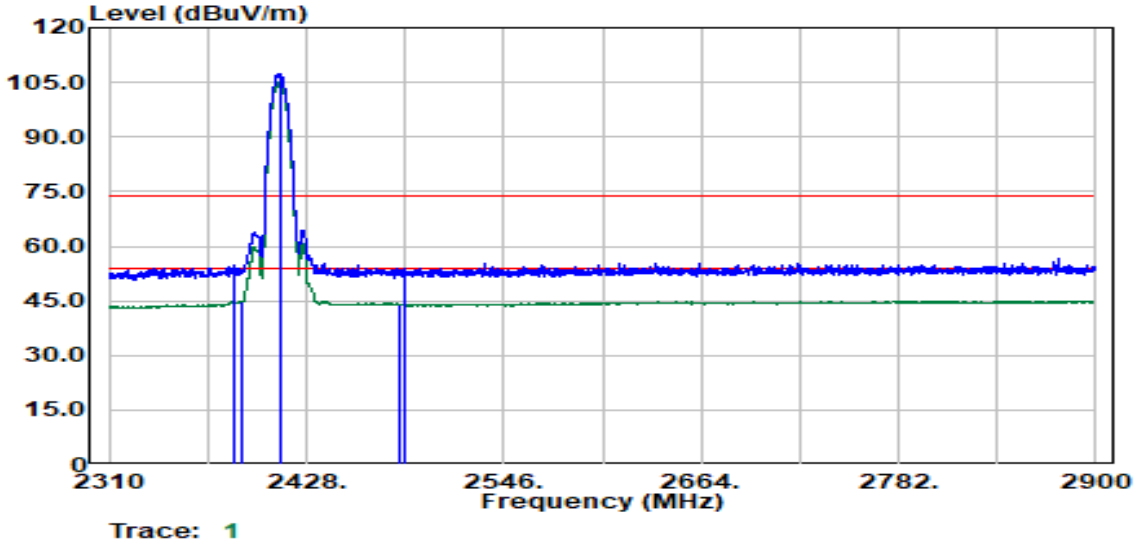
Band Edge Test Data

Project No.	:TM-2309000356P	Test Date	:2023-10-04
Operation Band	:802.11b	Temp./Humi.	:24.9/61
Frequency	:2412 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E1	Test Chamber	: 966D
Setting	:10.5		



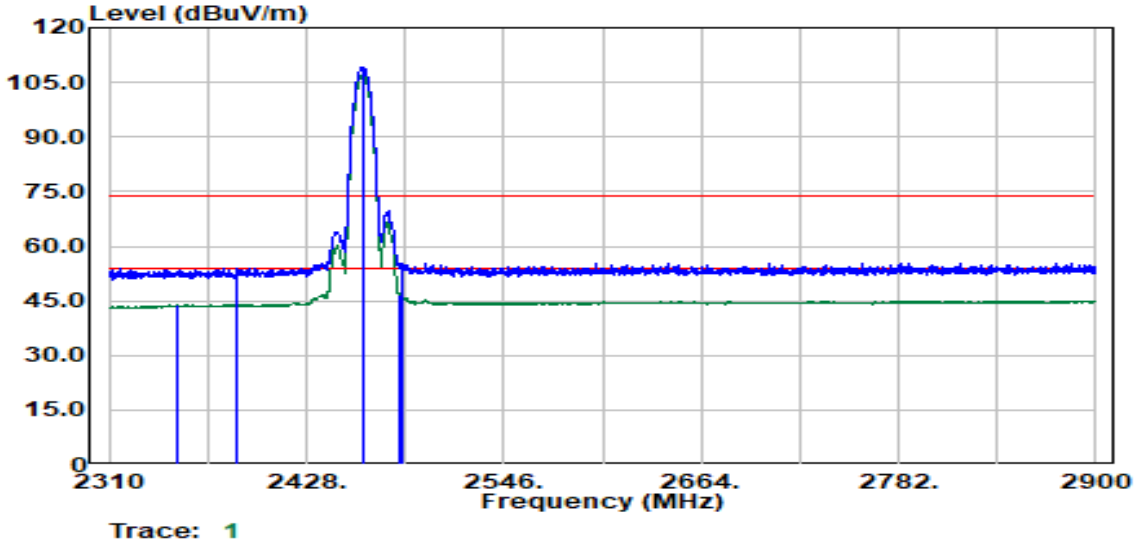
Freq.	Detector Mode	Spectrum Read Level	Factor	Actual FS	Limit	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2389.28	Peak	50.17	4.80	54.97	74.00	-19.03
2389.53	Average	39.89	4.80	44.69	54.00	-9.31
2412.00	Peak	100.27	4.54	104.80	--	--
2412.00	Average	97.87	4.54	102.41	--	--
2485.07	Average	39.33	4.60	43.92	54.00	-10.08
2497.83	Peak	50.05	4.63	54.67	74.00	-19.33

Project No.	:TM-2309000356P	Test Date	:2023-10-04
Operation Band	:802.11b	Temp./Humi.	:24.9/61
Frequency	:2412 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E1	Test Chamber	: 966D
Setting	:10.5		



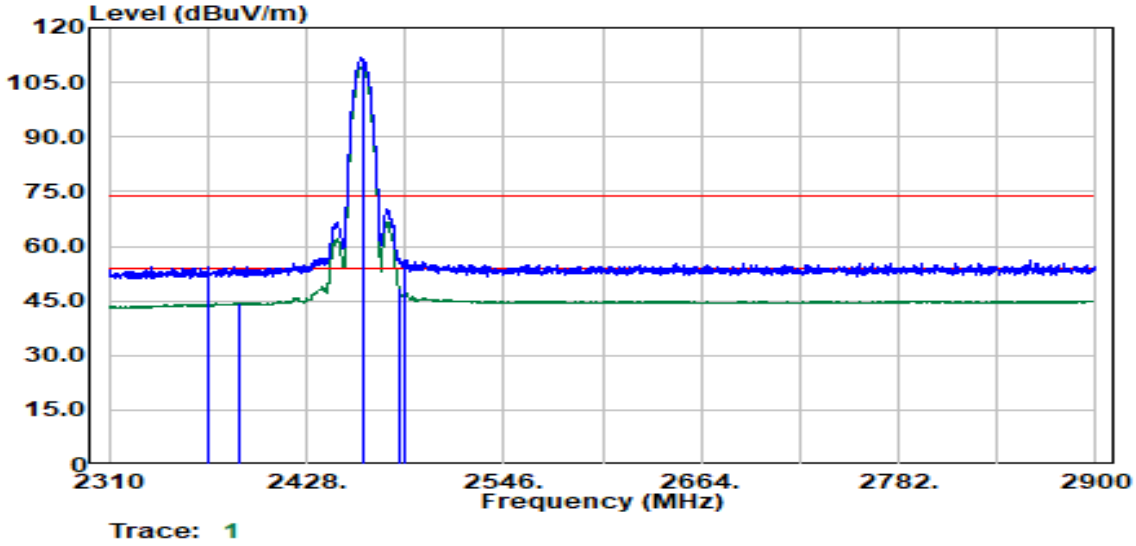
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2384.53	Peak	49.84	4.80	54.64	74.00	-19.36
2389.03	Average	40.17	4.80	44.97	54.00	-9.03
2412.00	Peak	102.76	4.54	107.30	--	--
2412.00	Average	100.43	4.54	104.97	--	--
2483.57	Average	39.49	4.61	44.10	54.00	-9.90
2486.33	Peak	49.27	4.58	53.85	74.00	-20.15

Project No.	:TM-2309000356P	Test Date	:2023-10-04
Operation Band	:802.11b	Temp./Humi.	:24.9/61
Frequency	:2462 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E1	Test Chamber	: 966D
Setting	:14		



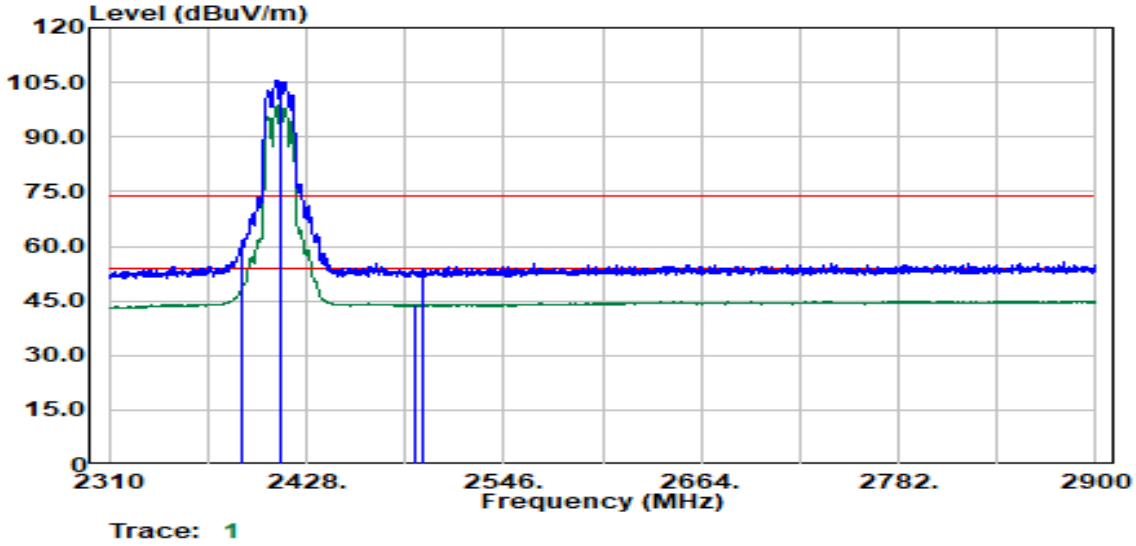
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2351.02	Average	39.10	4.87	43.97	54.00	-10.03
2385.78	Peak	49.30	4.80	54.10	74.00	-19.90
2462.00	Peak	104.59	4.66	109.26	--	--
2462.00	Average	102.21	4.66	106.87	--	--
2483.57	Average	42.02	4.61	46.63	54.00	-7.37
2484.82	Peak	50.75	4.60	55.35	74.00	-18.65

Project No.	:TM-2309000356P	Test Date	:2023-10-04
Operation Band	:802.11b	Temp./Humi.	:24.9/61
Frequency	:2462 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E1	Test Chamber	: 966D
Setting	:14		



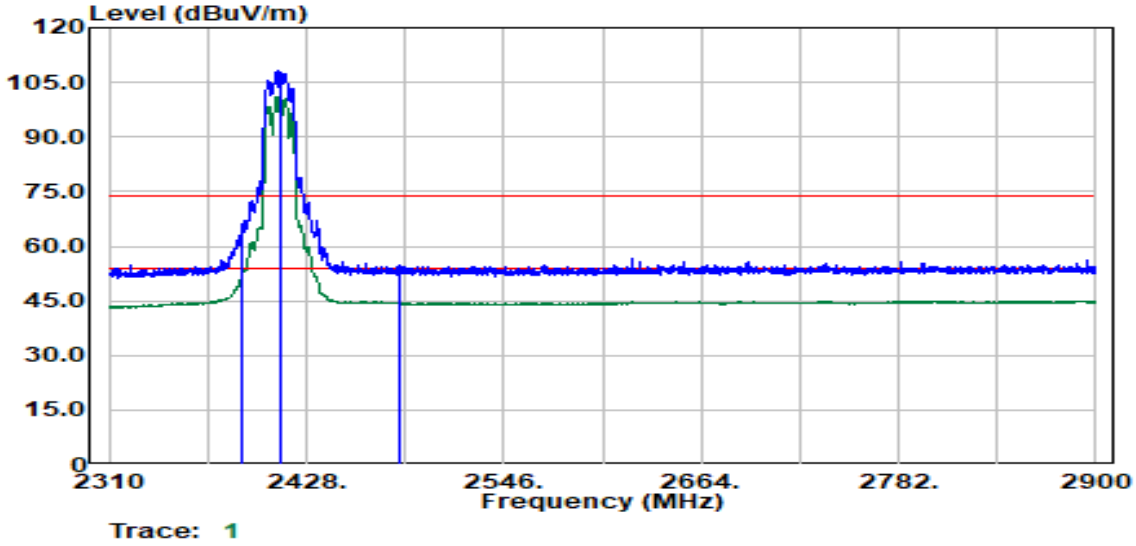
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2369.03	Peak	49.74	4.70	54.44	74.00	-19.56
2387.53	Average	39.59	4.80	44.39	54.00	-9.61
2462.00	Peak	107.07	4.66	111.74	--	--
2462.00	Average	104.68	4.66	109.34	--	--
2483.57	Average	43.79	4.61	48.40	54.00	-5.60
2487.08	Peak	51.71	4.58	56.29	74.00	-17.71

Project No.	:TM-2309000356P	Test Date	:2023-10-04
Operation Band	:802.11g	Temp./Humi.	:24.9/61
Frequency	:2412 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E1	Test Chamber	: 966D
Setting	:11		



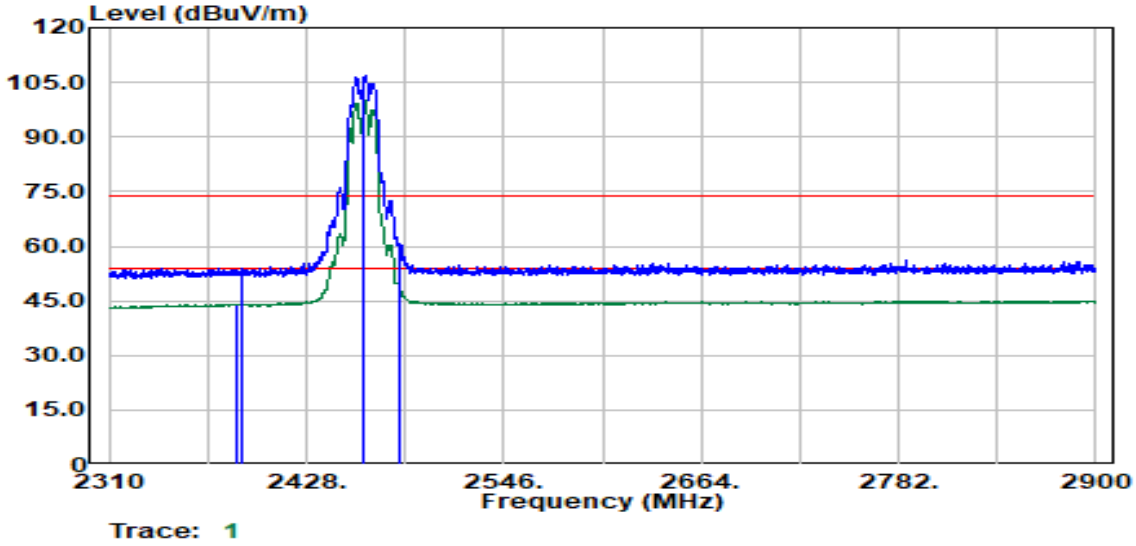
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2389.53	Peak	56.91	4.80	61.71	74.00	-12.29
2390.00	Average	44.40	4.80	49.20	54.00	-4.80
2412.00	Peak	101.12	4.54	105.66	--	--
2412.00	Average	93.97	4.54	98.51	--	--
2492.58	Average	39.29	4.57	43.86	54.00	-10.14
2498.33	Peak	49.26	4.63	53.89	74.00	-20.11

Project No.	:TM-2309000356P	Test Date	:2023-10-04
Operation Band	:802.11g	Temp./Humi.	:24.9/61
Frequency	:2412 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E1	Test Chamber	: 966D
Setting	:11		



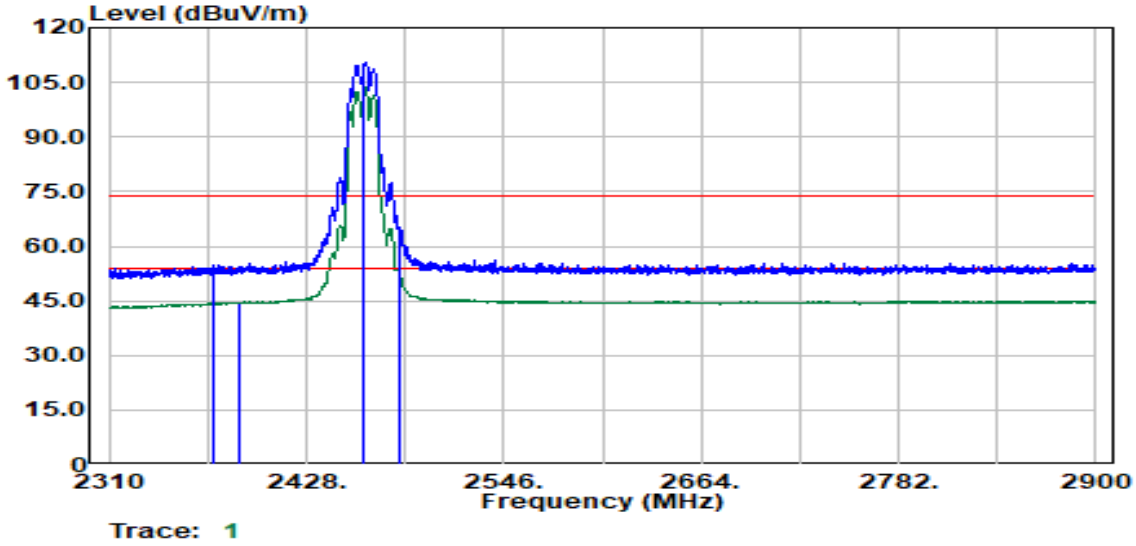
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2390.00	Peak	61.18	4.80	65.98	74.00	-8.02
2390.00	Average	48.36	4.80	53.16	54.00	-0.84
2412.00	Peak	103.53	4.54	108.06	--	--
2412.00	Average	96.35	4.54	100.89	--	--
2483.82	Peak	50.38	4.61	54.99	74.00	-19.01
2483.82	Average	39.85	4.61	44.46	54.00	-9.54

Project No.	:TM-2309000356P	Test Date	:2023-10-04
Operation Band	:802.11g	Temp./Humi.	:24.9/61
Frequency	:2462 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E1	Test Chamber	: 966D
Setting	:13		



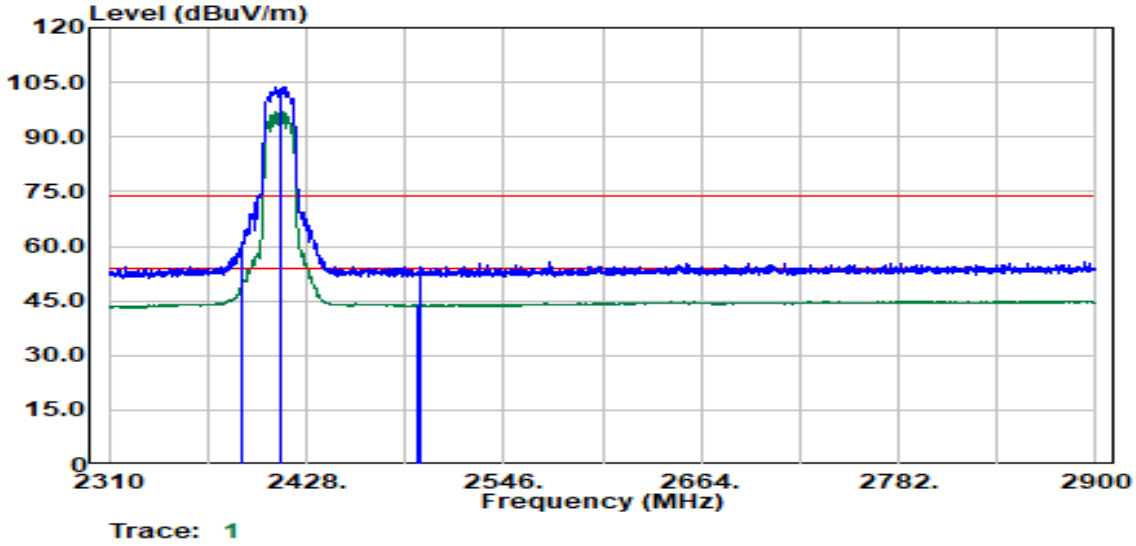
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2385.78	Average	39.34	4.80	44.14	54.00	-9.86
2389.28	Peak	49.06	4.80	53.86	74.00	-20.14
2462.00	Peak	102.38	4.66	107.04	--	--
2462.00	Average	95.41	4.66	100.08	--	--
2483.57	Average	44.67	4.61	49.28	54.00	-4.72
2484.32	Peak	55.68	4.60	60.29	74.00	-13.71

Project No.	:TM-2309000356P	Test Date	:2023-10-04
Operation Band	:802.11g	Temp./Humi.	:24.9/61
Frequency	:2462 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E1	Test Chamber	: 966D
Setting	:13		



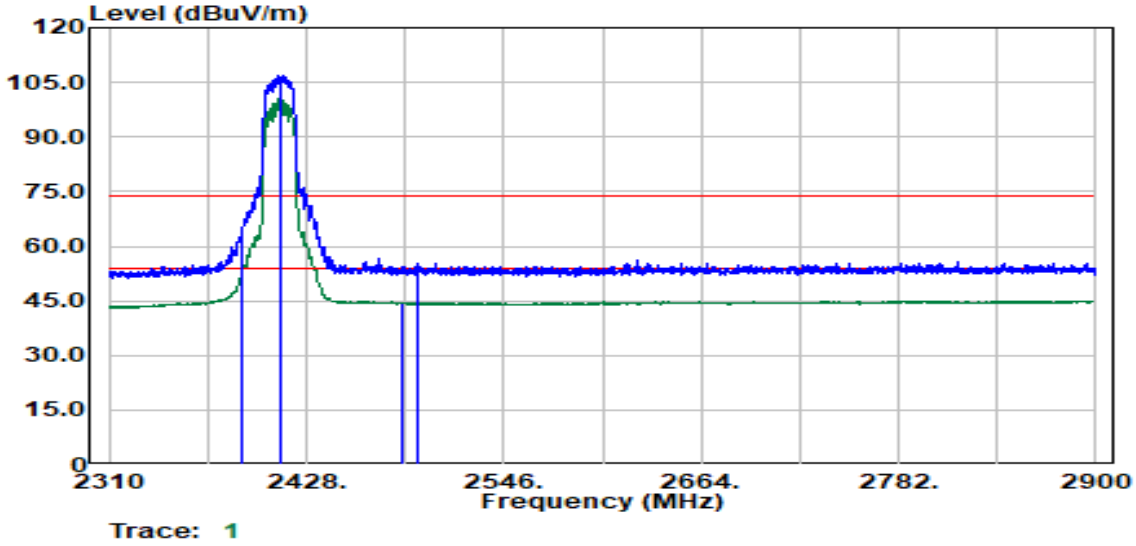
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2372.28	Peak	50.08	4.72	54.79	74.00	-19.21
2388.53	Average	39.79	4.80	44.59	54.00	-9.41
2462.00	Peak	105.88	4.66	110.54	--	--
2462.00	Average	98.87	4.66	103.53	--	--
2483.57	Average	48.62	4.61	53.23	54.00	-0.77
2484.32	Peak	60.29	4.60	64.89	74.00	-9.11

Project No.	:TM-2309000356P	Test Date	:2023-10-04
Operation Band	:802.11n20	Temp./Humi.	:24.9/61
Frequency	:2412 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E1	Test Chamber	: 966D
Setting	:12		



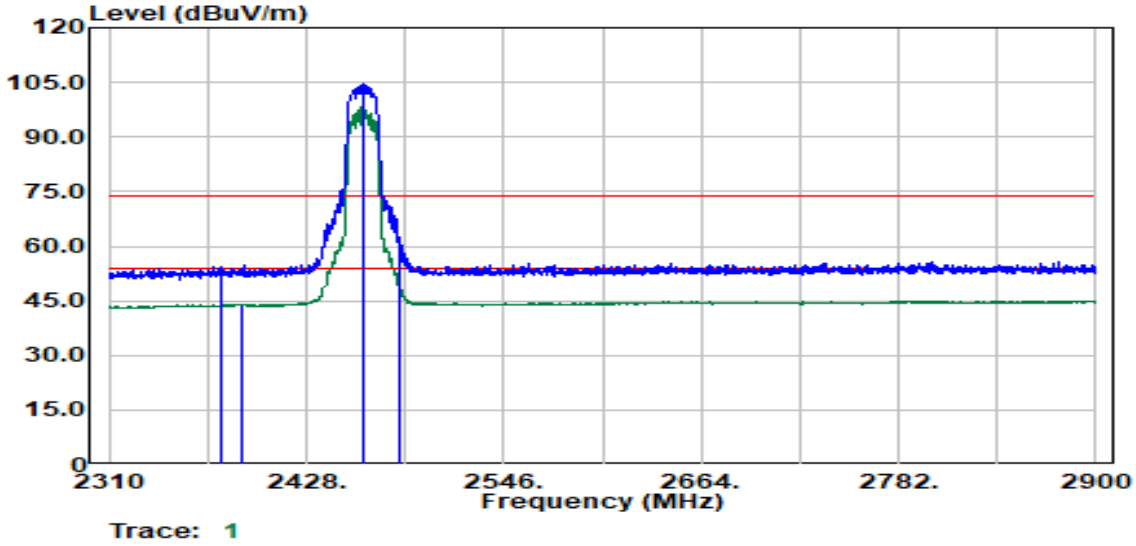
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2389.78	Peak	56.47	4.80	61.27	74.00	-12.73
2390.00	Average	44.60	4.80	49.41	54.00	-4.59
2412.00	Peak	99.30	4.54	103.84	--	--
2412.00	Average	92.55	4.54	97.09	--	--
2494.58	Average	39.40	4.59	43.99	54.00	-10.01
2496.33	Peak	49.73	4.61	54.34	74.00	-19.66

Project No.	:TM-2309000356P	Test Date	:2023-10-04
Operation Band	:802.11n20	Temp./Humi.	:24.9/61
Frequency	:2412 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E1	Test Chamber	: 966D
Setting	:12		



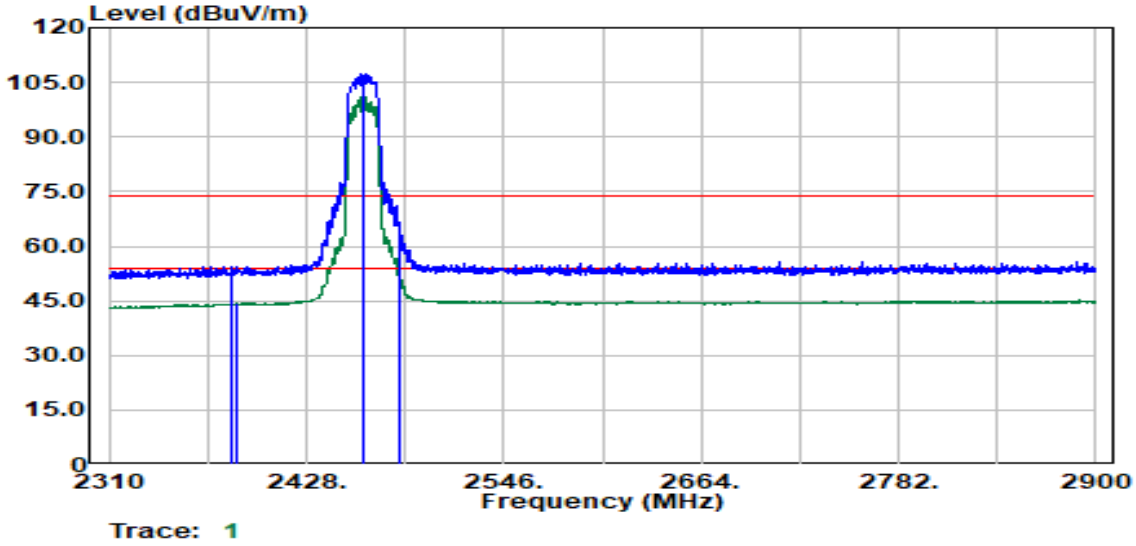
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2390.00	Peak	59.91	4.80	64.72	74.00	-9.28
2390.00	Average	48.23	4.80	53.04	54.00	-0.96
2412.00	Peak	102.39	4.54	106.93	--	--
2412.00	Average	95.84	4.54	100.38	--	--
2485.07	Average	39.83	4.60	44.43	54.00	-9.57
2494.58	Peak	50.49	4.59	55.09	74.00	-18.91

Project No.	:TM-2309000356P	Test Date	:2023-10-04
Operation Band	:802.11n20	Temp./Humi.	:24.9/61
Frequency	:2462 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E1	Test Chamber	: 966D
Setting	:12.5		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2376.53	Peak	49.67	4.76	54.43	74.00	-19.57
2389.03	Average	39.29	4.80	44.10	54.00	-9.90
2462.00	Peak	99.78	4.66	104.44	--	--
2462.00	Average	93.38	4.66	98.05	--	--
2483.82	Peak	58.06	4.61	62.67	74.00	-11.33
2483.82	Average	44.74	4.61	49.35	54.00	-4.65

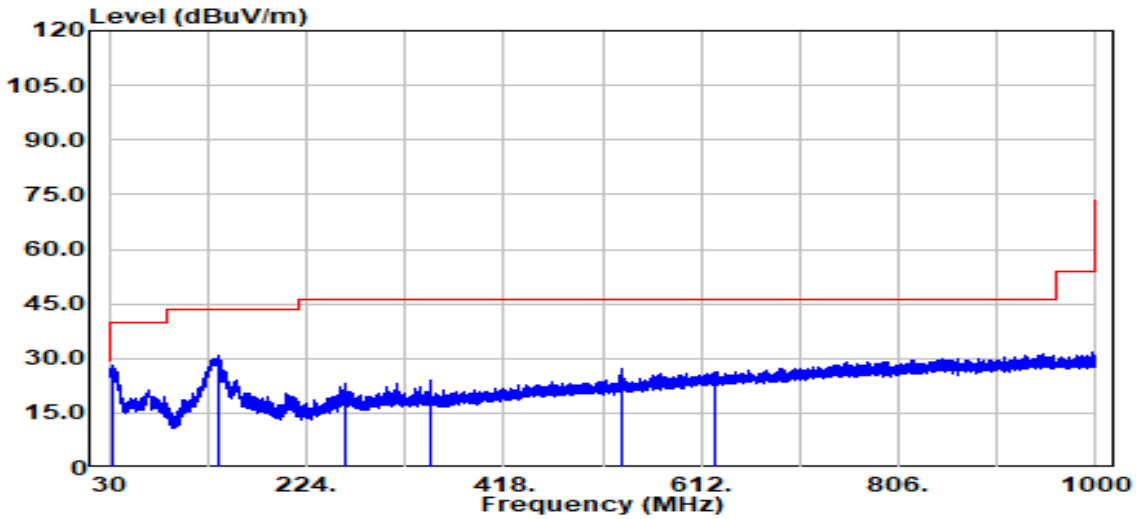
Project No.	:TM-2309000356P	Test Date	:2023-10-04
Operation Band	:802.11n20	Temp./Humi.	:24.9/61
Frequency	:2462 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E1	Test Chamber	: 966D
Setting	:12.5		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2383.28	Peak	49.64	4.80	54.44	74.00	-19.56
2385.53	Average	39.43	4.80	44.23	54.00	-9.77
2462.00	Peak	102.82	4.66	107.48	--	--
2462.00	Average	96.21	4.66	100.87	--	--
2483.57	Peak	61.80	4.61	66.41	74.00	-7.59
2483.57	Average	48.39	4.61	53.00	54.00	-1.00

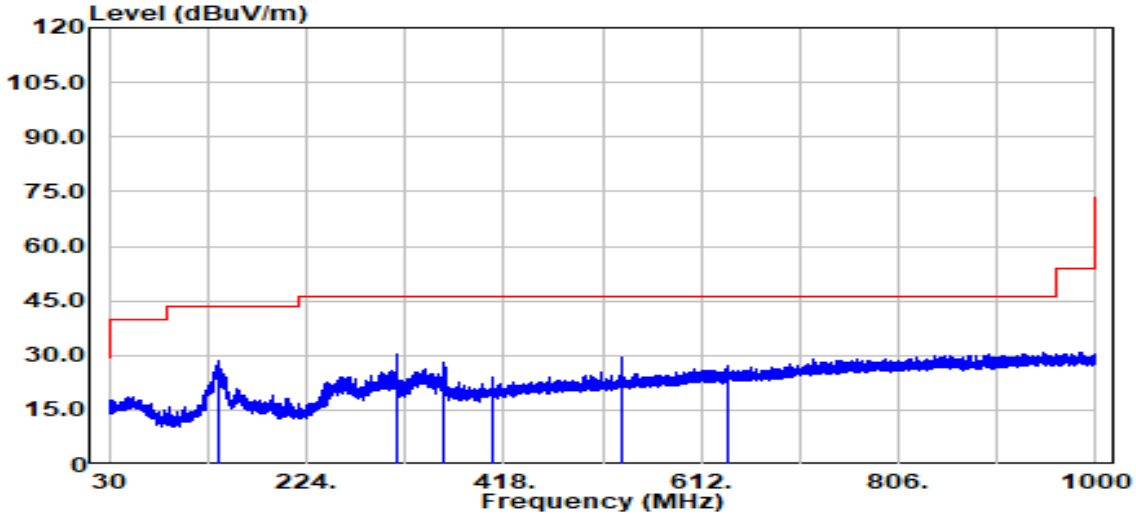
TX Test Data

Project No.	:TM-2309000356P	Test Date	:2023-10-12
Operation Band	:802.11b	Temp./Humi.	:25.9/57
Frequency	:2462 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:TX	Engineer	:Czerny Lin
EUT Pol	:E1	Test Chamber	: 966D
Setting	:14		



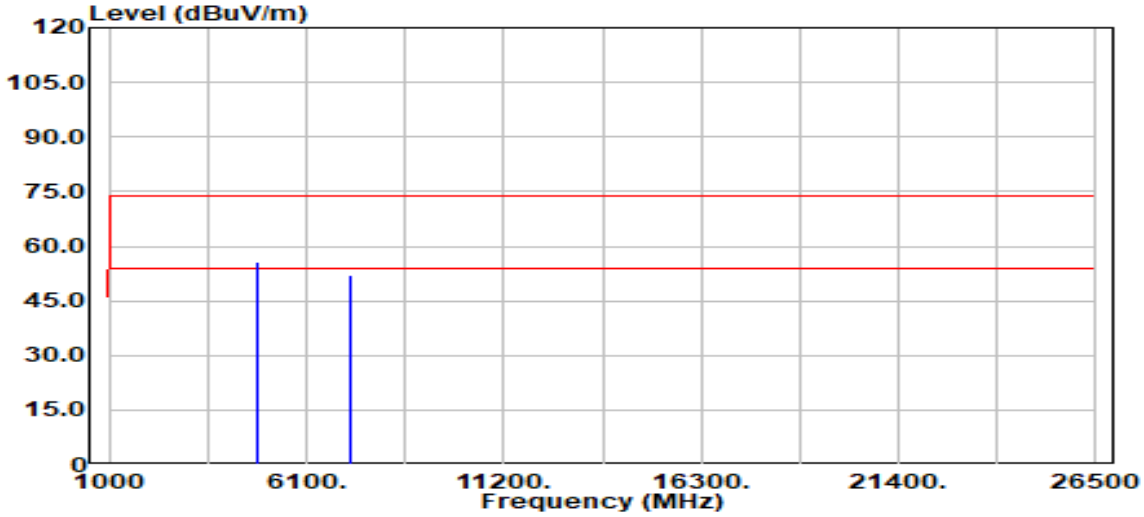
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
32.62	Peak	42.26	-14.24	28.02	40.00	-11.98
138.35	Peak	44.57	-13.71	30.87	43.50	-12.63
261.83	Peak	36.53	-13.58	22.95	46.00	-23.05
345.64	Peak	35.31	-11.18	24.13	46.00	-21.87
533.04	Peak	33.87	-6.84	27.02	46.00	-18.98
626.45	Peak	30.98	-4.68	26.30	46.00	-19.70

Project No.	:TM-2309000356P	Test Date	:2023-10-12
Operation Band	:802.11b	Temp./Humi.	:25.9/57
Frequency	:2462 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:TX	Engineer	:Czerny Lin
EUT Pol	:E1	Test Chamber	: 966D
Setting	:14		



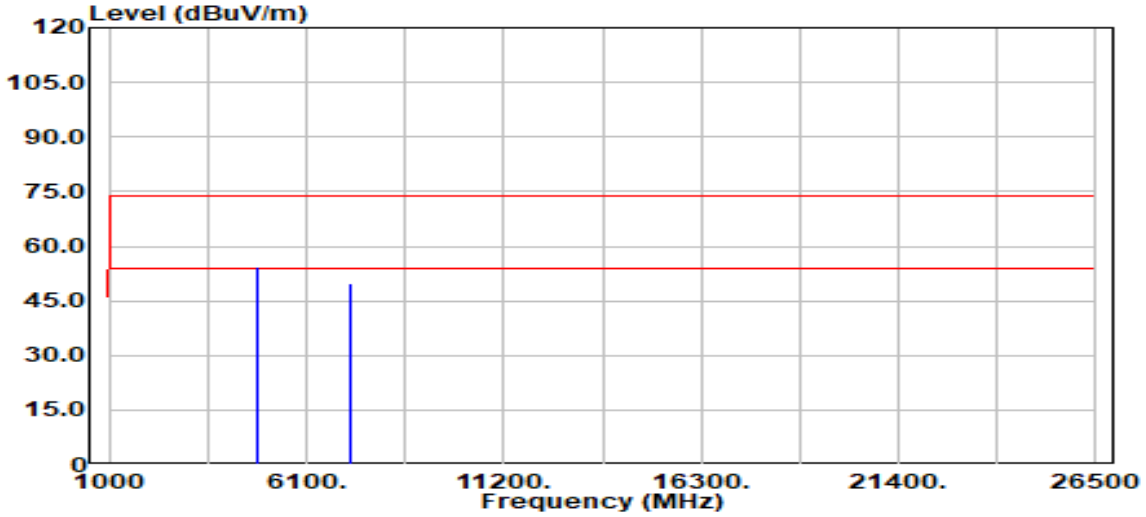
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
137.96	Peak	42.18	-13.75	28.43	43.50	-15.07
311.98	Peak	42.09	-11.92	30.17	46.00	-15.83
359.99	Peak	39.40	-11.10	28.30	46.00	-17.70
408.01	Peak	33.74	-9.59	24.15	46.00	-21.85
533.14	Peak	36.09	-6.84	29.25	46.00	-16.75
638.77	Peak	31.84	-4.45	27.39	46.00	-18.61

Project No.	:TM-2309000356P	Test Date	:2023-10-04
Operation Band	:802.11b	Temp./Humi.	:24.9/61
Frequency	:2412 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:TX	Engineer	:Czerny Lin
EUT Pol	:E1	Test Chamber	: 966D
Setting	:10.5		



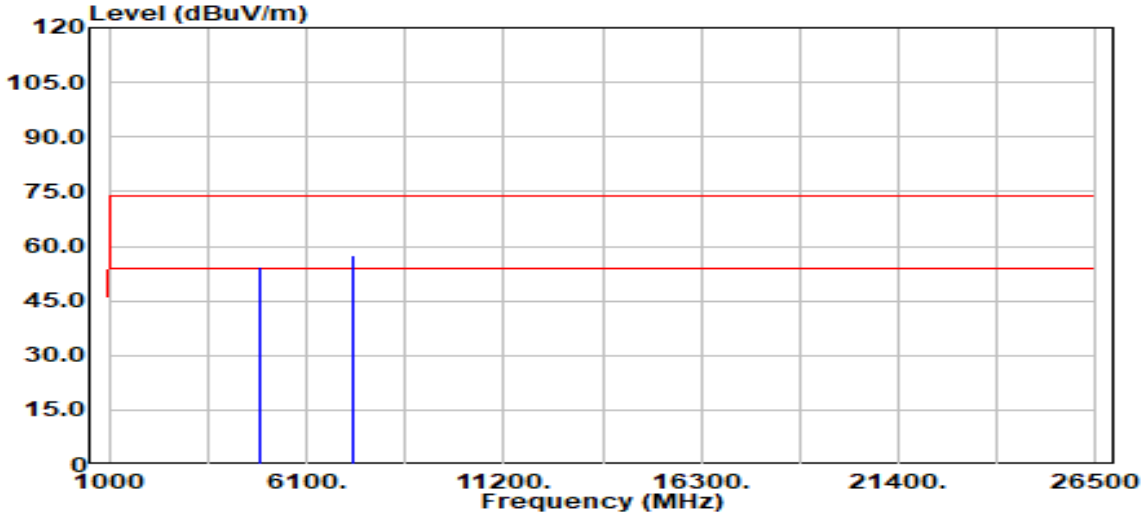
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
4824.00	Peak	55.16	0.40	55.56	74.00	-18.44
4824.00	Average	52.82	0.40	53.23	54.00	-0.77
7236.00	Peak	46.89	5.36	52.25	74.00	-21.75
7236.00	Average	40.26	5.36	45.62	54.00	-8.38

Project No.	:TM-2309000356P	Test Date	:2023-10-04
Operation Band	:802.11b	Temp./Humi.	:24.9/61
Frequency	:2412 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:TX	Engineer	:Czerny Lin
EUT Pol	:E1	Test Chamber	: 966D
Setting	:10.5		



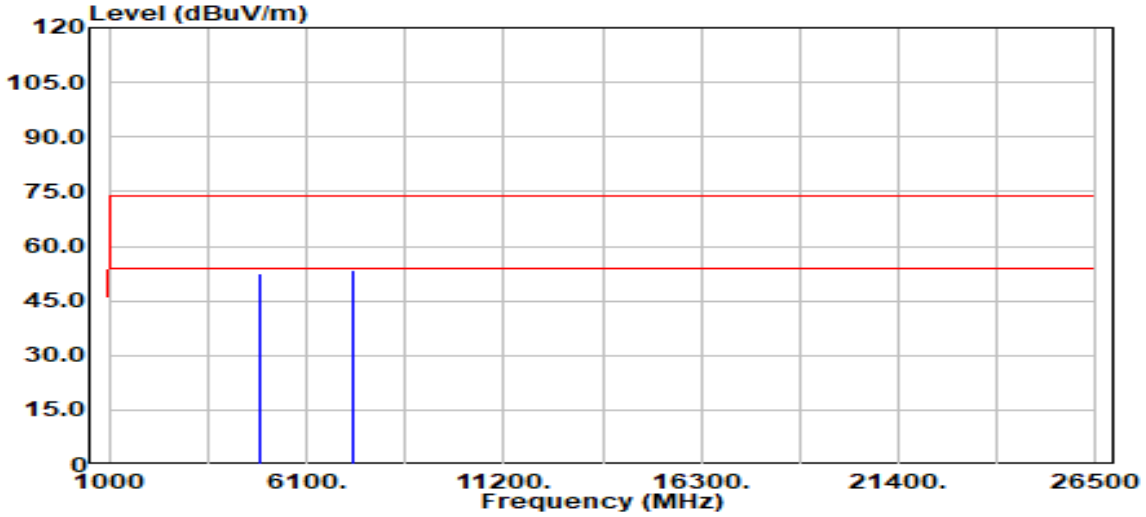
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
4824.00	Peak	53.73	0.40	54.13	74.00	-19.87
4824.00	Average	50.94	0.40	51.35	54.00	-2.65
7236.00	Peak	44.66	5.36	50.02	74.00	-23.98
7236.00	Average	36.33	5.36	41.69	54.00	-12.31

Project No.	:TM-2309000356P	Test Date	:2023-10-04
Operation Band	:802.11b	Temp./Humi.	:24.9/61
Frequency	:2437 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:TX	Engineer	:Czerny Lin
EUT Pol	:E1	Test Chamber	: 966D
Setting	:14		



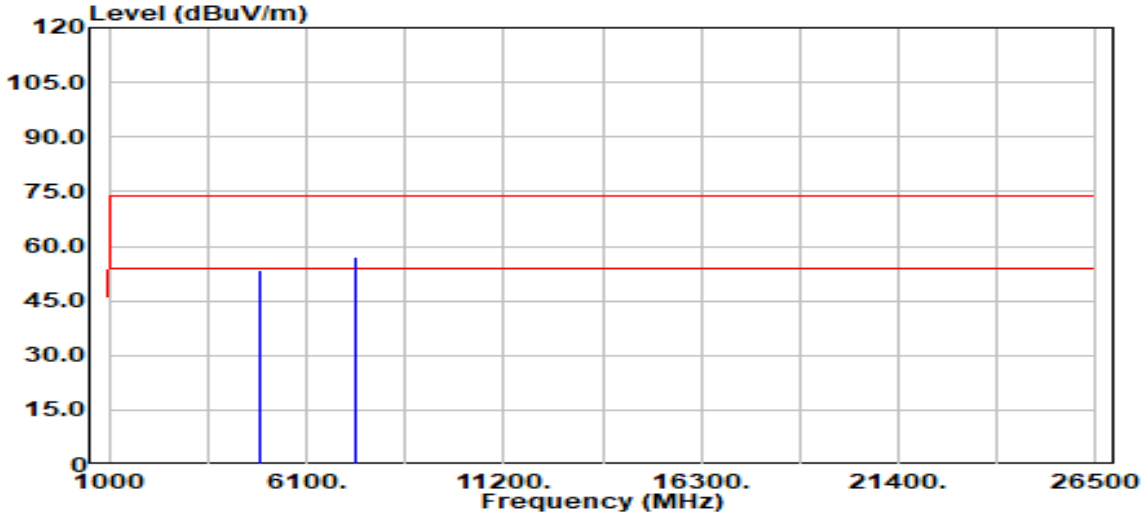
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
4874.00	Peak	53.93	0.47	54.40	74.00	-19.60
4874.00	Average	51.33	0.47	51.80	54.00	-2.20
7311.00	Peak	52.11	5.49	57.61	74.00	-16.39
7311.00	Average	47.64	5.49	53.13	54.00	-0.87

Project No.	:TM-2309000356P	Test Date	:2023-10-04
Operation Band	:802.11b	Temp./Humi.	:24.9/61
Frequency	:2437 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:TX	Engineer	:Czerny Lin
EUT Pol	:E1	Test Chamber	: 966D
Setting	:14		



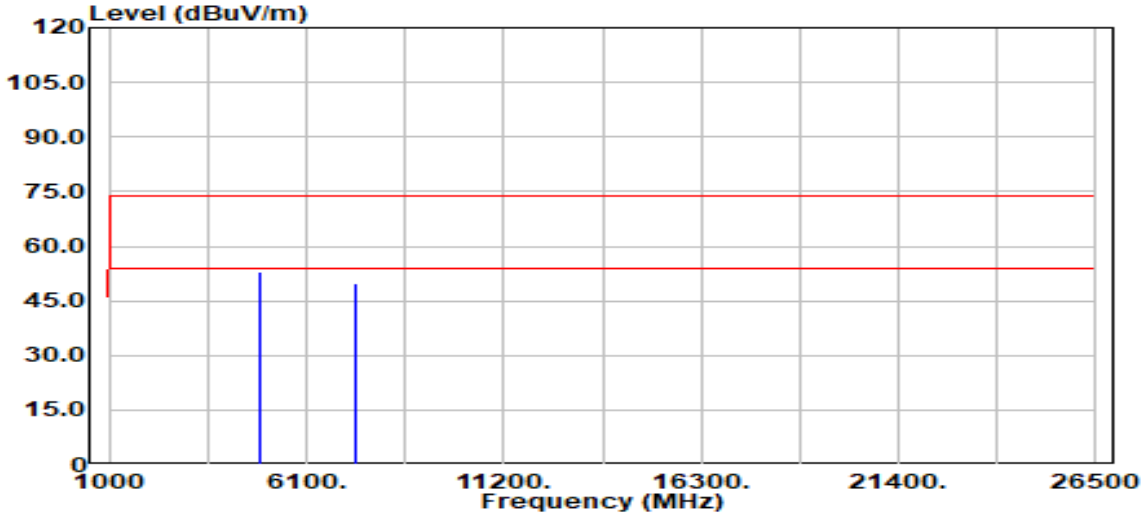
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
4874.00	Peak	52.21	0.47	52.68	74.00	-21.32
4874.00	Average	49.30	0.47	49.77	54.00	-4.23
7311.00	Peak	48.16	5.49	53.65	74.00	-20.35
7311.00	Average	42.87	5.49	48.36	54.00	-5.64

Project No.	:TM-2309000356P	Test Date	:2023-10-04
Operation Band	:802.11b	Temp./Humi.	:24.9/61
Frequency	:2462 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:TX	Engineer	:Czerny Lin
EUT Pol	:E1	Test Chamber	: 966D
Setting	:14		



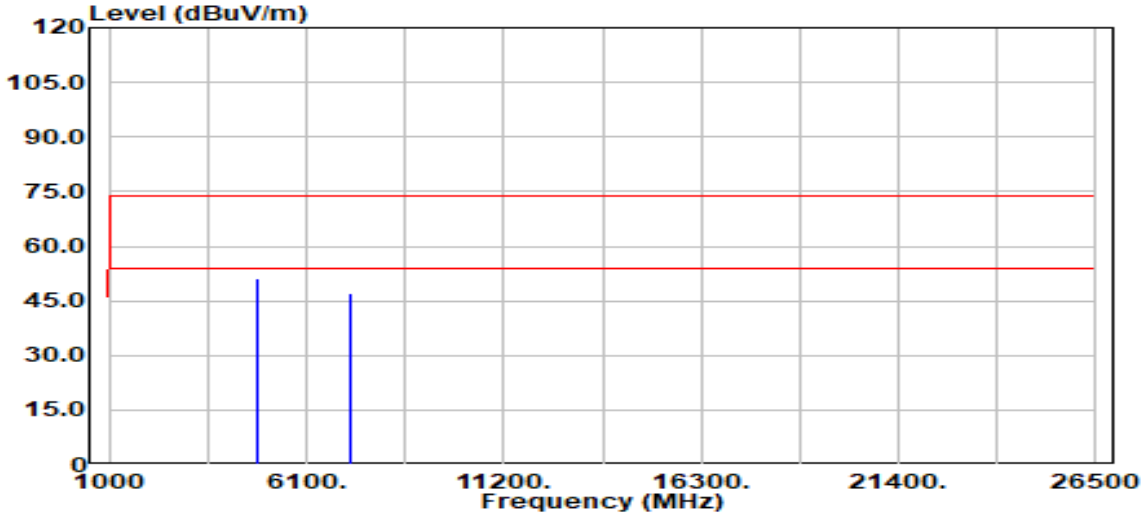
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
4924.00	Peak	52.69	0.56	53.24	74.00	-20.76
4924.00	Average	50.53	0.56	51.09	54.00	-2.91
7386.00	Peak	51.31	5.63	56.93	74.00	-17.07
7386.00	Average	47.85	5.63	53.48	54.00	-0.52

Project No.	:TM-2309000356P	Test Date	:2023-10-04
Operation Band	:802.11b	Temp./Humi.	:24.9/61
Frequency	:2462 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:TX	Engineer	:Czerny Lin
EUT Pol	:E1	Test Chamber	: 966D
Setting	:14		



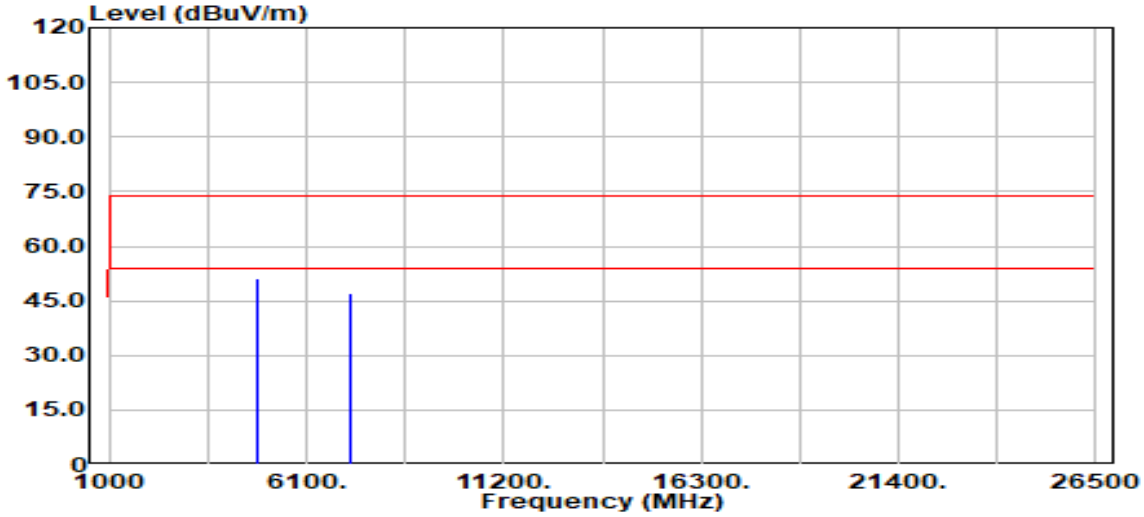
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
4924.00	Peak	52.30	0.56	52.85	74.00	-21.15
4924.00	Average	50.22	0.56	50.78	54.00	-3.22
7386.00	Peak	44.18	5.63	49.81	74.00	-24.19
7386.00	Average	36.46	5.63	42.09	54.00	-11.91

Project No.	:TM-2309000356P	Test Date	:2023-10-04
Operation Band	:802.11g	Temp./Humi.	:24.9/61
Frequency	:2412 MHz	Antenna Pol.	:Vertical
Operation Mode	:TX	Engineer	:Czerny Lin
EUT Pol	:E1	Test Chamber	: 966D
Setting	:11		



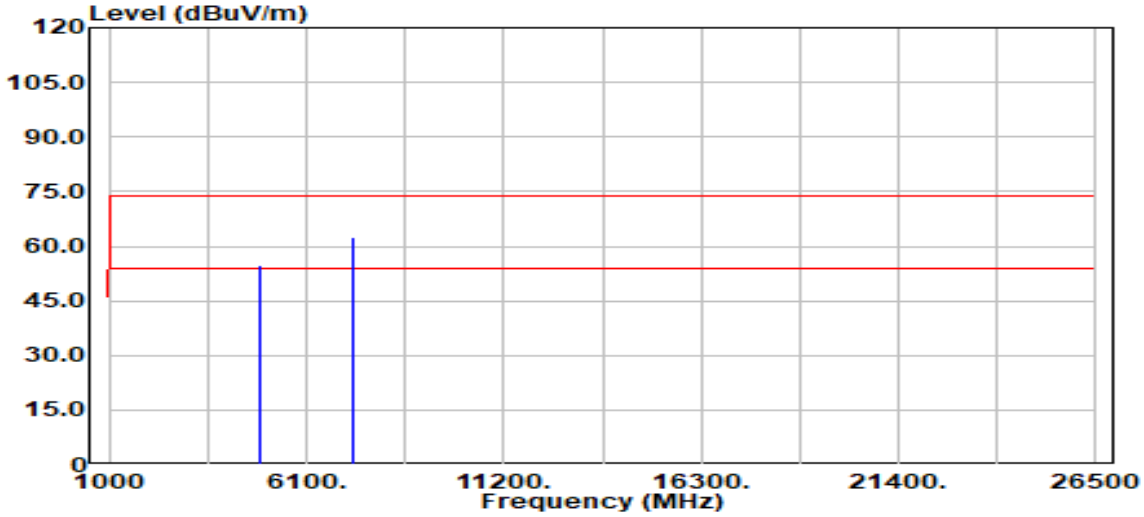
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
4824.00	Peak	50.58	0.40	50.99	74.00	-23.01
4824.00	Average	41.94	0.40	42.34	54.00	-11.66
7236.00	Peak	41.82	5.36	47.19	74.00	-26.81
7236.00	Average	34.71	5.36	40.07	54.00	-13.93

Project No.	:TM-2309000356P	Test Date	:2023-10-04
Operation Band	:802.11g	Temp./Humi.	:24.9/61
Frequency	:2412 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:TX	Engineer	:Czerny Lin
EUT Pol	:E1	Test Chamber	: 966D
Setting	:11		



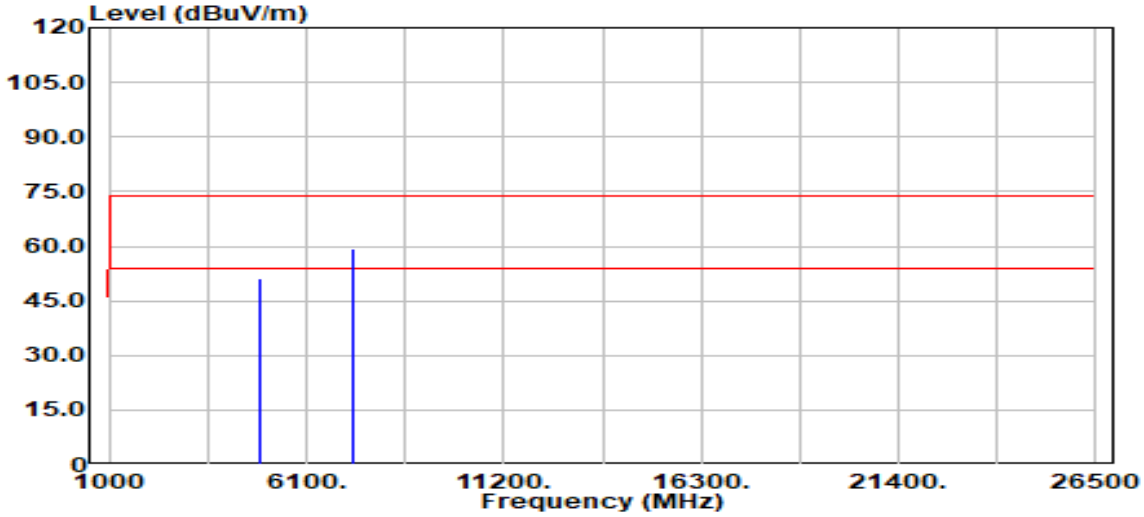
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
4824.00	Peak	50.68	0.40	51.09	74.00	-22.91
4824.00	Average	40.54	0.40	40.94	54.00	-13.06
7236.00	Peak	41.51	5.36	46.87	74.00	-27.13
7236.00	Average	33.01	5.36	38.38	54.00	-15.62

Project No.	:TM-2309000356P	Test Date	:2023-10-04
Operation Band	:802.11g	Temp./Humi.	:24.9/61
Frequency	:2437 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:TX	Engineer	:Czerny Lin
EUT Pol	:E1	Test Chamber	: 966D
Setting	:17		



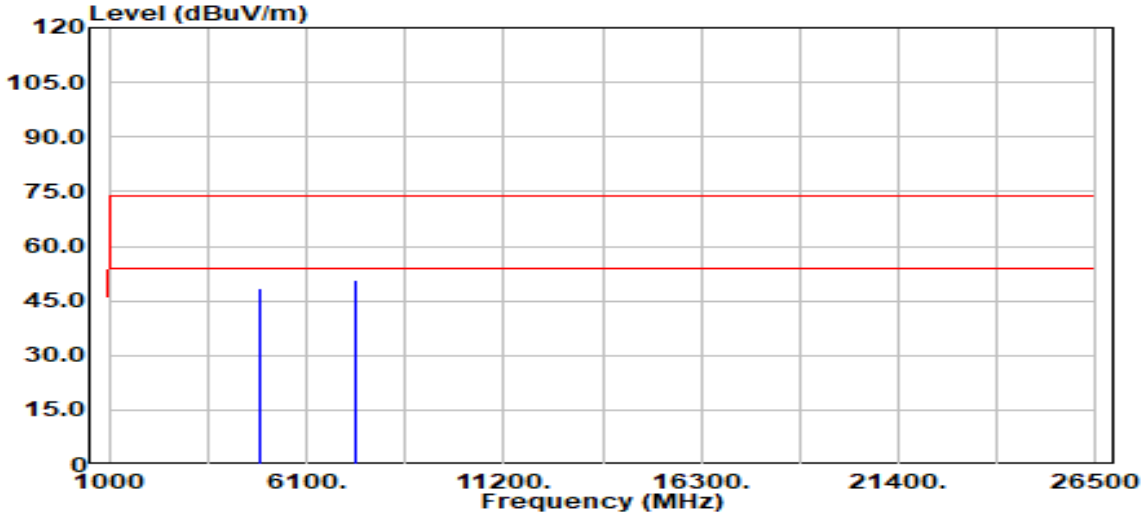
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
4874.00	Peak	54.21	0.47	54.69	74.00	-19.31
4874.00	Average	45.60	0.47	46.07	54.00	-7.93
7311.00	Peak	56.80	5.49	62.29	74.00	-11.71
7311.00	Average	44.94	5.49	50.43	54.00	-3.57

Project No.	:TM-2309000356P	Test Date	:2023-10-04
Operation Band	:802.11g	Temp./Humi.	:24.9/61
Frequency	:2437 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:TX	Engineer	:Czerny Lin
EUT Pol	:E1	Test Chamber	: 966D
Setting	:17		



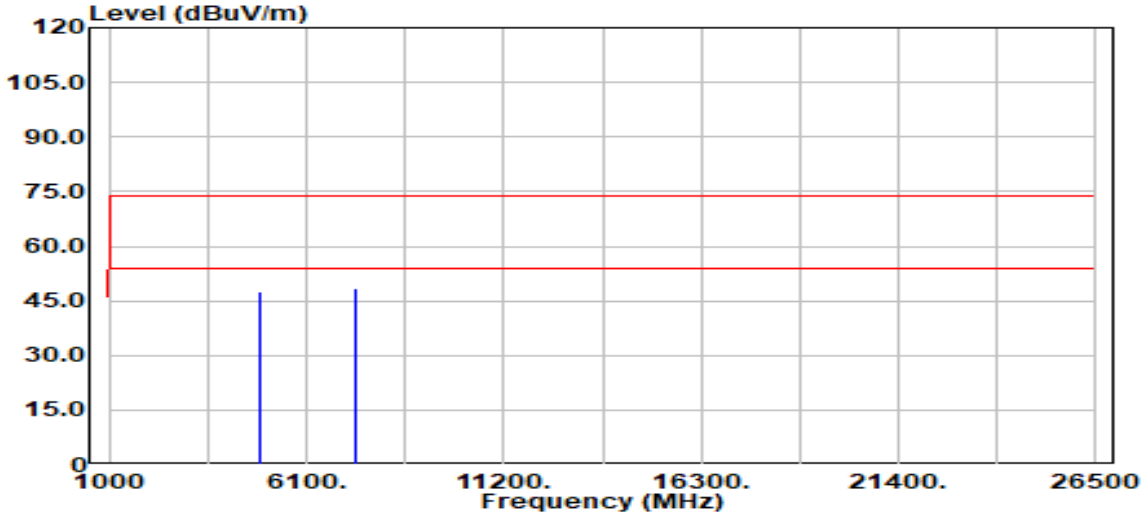
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
4874.00	Peak	50.61	0.47	51.08	74.00	-22.92
4874.00	Average	41.41	0.47	41.88	54.00	-12.12
7311.00	Peak	53.61	5.49	59.10	74.00	-14.90
7311.00	Average	41.82	5.49	47.31	54.00	-6.69

Project No.	:TM-2309000356P	Test Date	:2023-10-04
Operation Band	:802.11g	Temp./Humi.	:24.9/61
Frequency	:2462 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:TX	Engineer	:Czerny Lin
EUT Pol	:E1	Test Chamber	: 966D
Setting	:13		



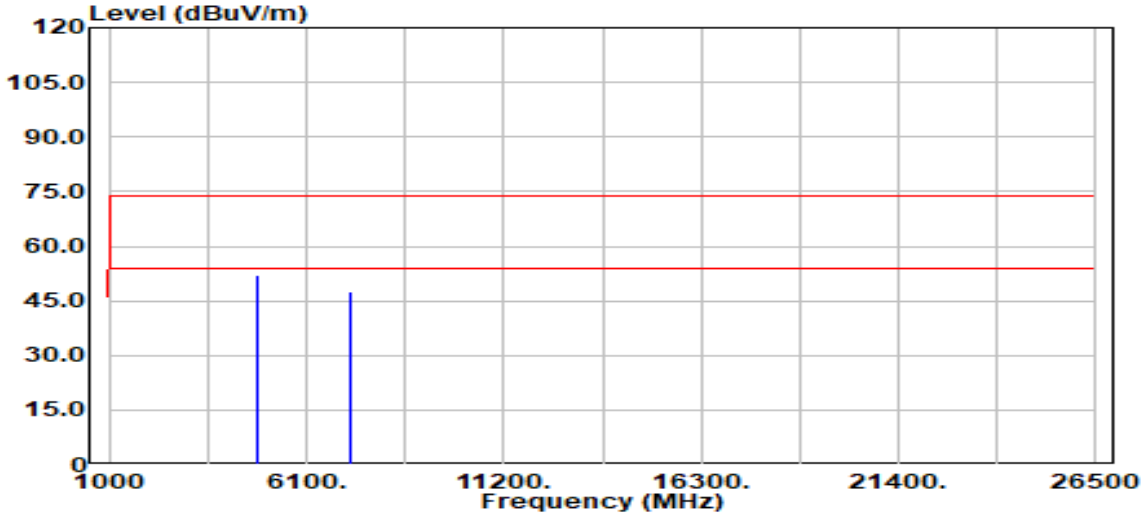
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
4924.00	Peak	47.74	0.56	48.30	74.00	-25.70
4924.00	Average	41.46	0.56	42.02	54.00	-11.98
7386.00	Peak	45.02	5.63	50.65	74.00	-23.35
7386.00	Average	37.47	5.63	43.10	54.00	-10.90

Project No.	:TM-2309000356P	Test Date	:2023-10-04
Operation Band	:802.11g	Temp./Humi.	:24.9/61
Frequency	:2462 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:TX	Engineer	:Czerny Lin
EUT Pol	:E1	Test Chamber	: 966D
Setting	:13		



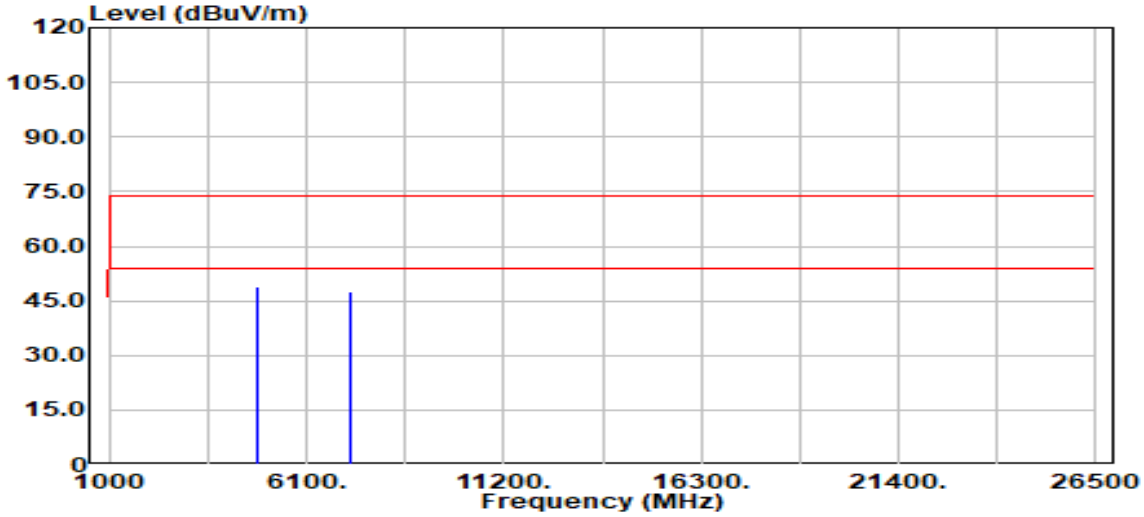
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
4924.00	Peak	47.15	0.56	47.71	74.00	-26.29
4924.00	Average	39.62	0.56	40.17	54.00	-13.83
7386.00	Peak	42.77	5.63	48.39	74.00	-25.61
7386.00	Average	34.02	5.63	39.65	54.00	-14.35

Project No.	:TM-2309000356P	Test Date	:2023-10-04
Operation Band	:802.11n20	Temp./Humi.	:24.9/61
Frequency	:2412 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:TX	Engineer	:Czerny Lin
EUT Pol	:E1	Test Chamber	: 966D
Setting	:12		



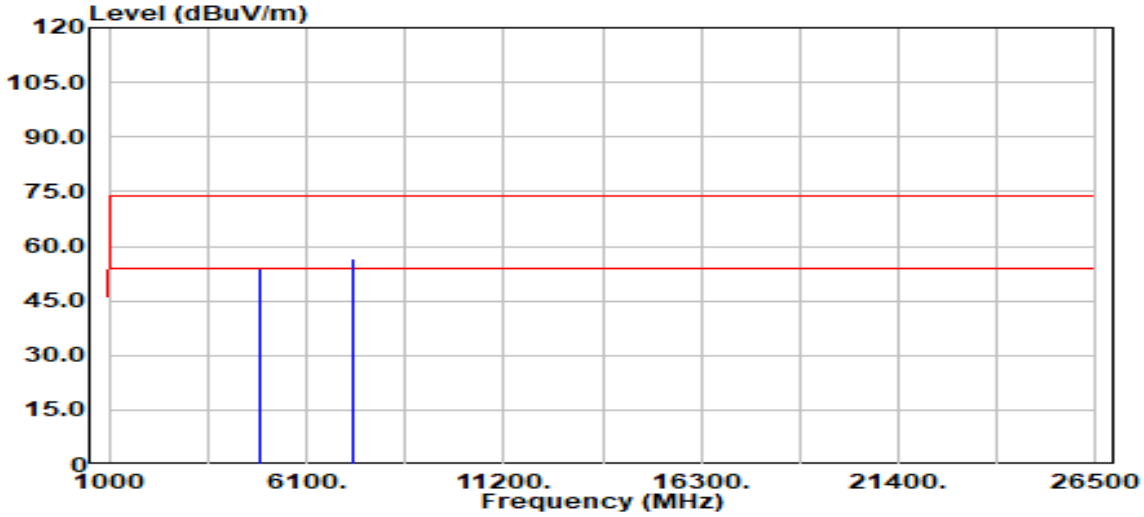
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
4824.00	Peak	51.53	0.40	51.93	74.00	-22.07
4824.00	Average	41.82	0.40	42.23	54.00	-11.77
7236.00	Peak	42.19	5.36	47.55	74.00	-26.45
7236.00	Average	33.47	5.36	38.83	54.00	-15.17

Project No.	:TM-2309000356P	Test Date	:2023-10-04
Operation Band	:802.11n20	Temp./Humi.	:24.9/61
Frequency	:2412 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:TX	Engineer	:Czerny Lin
EUT Pol	:E1	Test Chamber	: 966D
Setting	:12		



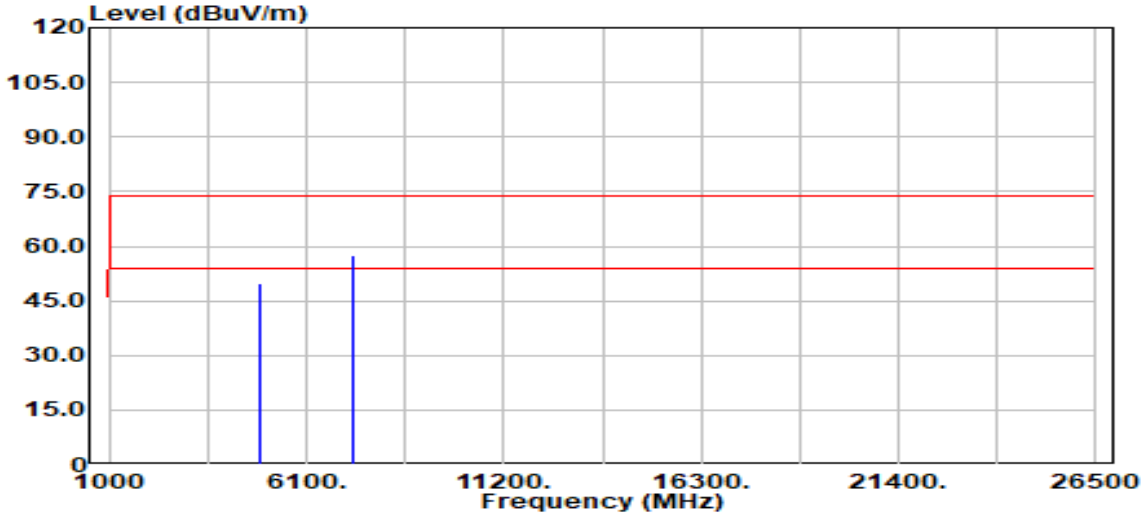
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
4824.00	Peak	48.46	0.40	48.87	74.00	-25.13
4824.00	Average	39.75	0.40	40.15	54.00	-13.85
7236.00	Peak	41.99	5.36	47.35	74.00	-26.65
7236.00	Average	32.99	5.36	38.36	54.00	-15.64

Project No.	:TM-2309000356P	Test Date	:2023-10-04
Operation Band	:802.11n20	Temp./Humi.	:24.9/61
Frequency	:2437 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:TX	Engineer	:Czerny Lin
EUT Pol	:E1	Test Chamber	: 966D
Setting	:18		



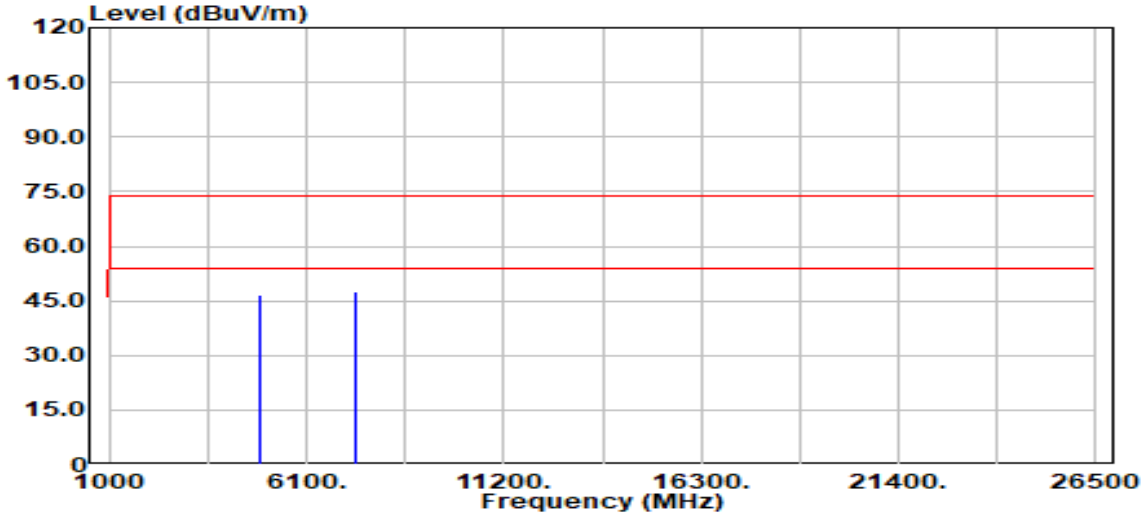
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
4874.00	Peak	53.22	0.47	53.69	74.00	-20.31
4874.00	Average	44.76	0.47	45.23	54.00	-8.77
7311.00	Peak	51.05	5.49	56.54	74.00	-17.46
7311.00	Average	43.07	5.49	48.56	54.00	-5.44

Project No.	:TM-2309000356P	Test Date	:2023-10-04
Operation Band	:802.11n20	Temp./Humi.	:24.9/61
Frequency	:2437 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:TX	Engineer	:Czerny Lin
EUT Pol	:E1	Test Chamber	: 966D
Setting	:18		



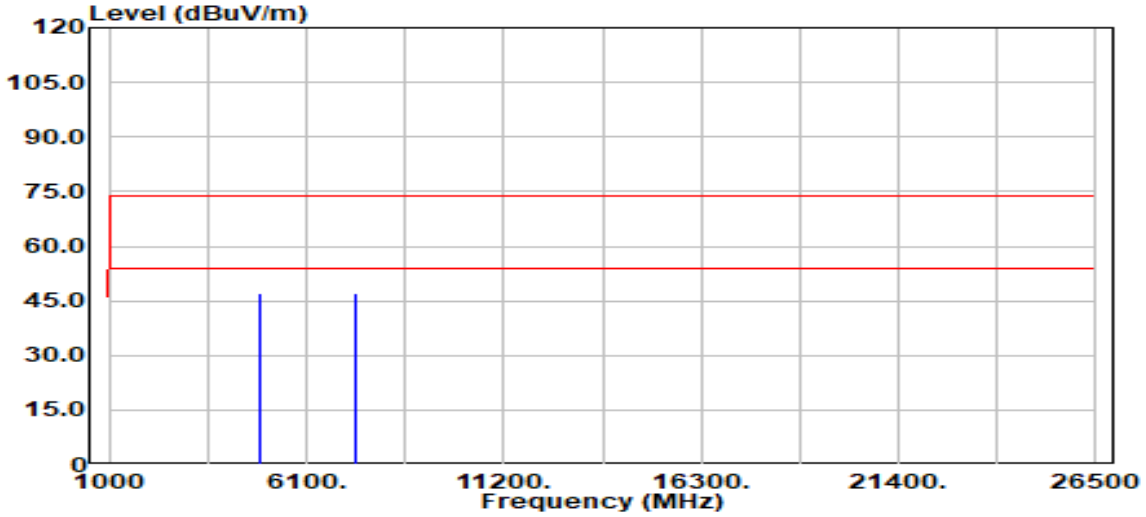
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
4874.00	Peak	49.29	0.47	49.76	74.00	-24.24
4874.00	Average	42.38	0.47	42.85	54.00	-11.15
7311.00	Peak	51.98	5.49	57.47	74.00	-16.53
7311.00	Average	41.19	5.49	46.68	54.00	-7.32

Project No.	:TM-2309000356P	Test Date	:2023-10-04
Operation Band	:802.11n20	Temp./Humi.	:24.9/61
Frequency	:2462 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:TX	Engineer	:Czerny Lin
EUT Pol	:E1	Test Chamber	: 966D
Setting	:12.5		



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	46.30	0.56	46.85	74.00	-27.15
4924.00	Average	38.18	0.56	38.74	54.00	-15.26
7386.00	Peak	41.76	5.63	47.39	74.00	-26.61
7386.00	Average	33.53	5.63	39.15	54.00	-14.85

Project No.	:TM-2309000356P	Test Date	:2023-10-04
Operation Band	:802.11n20	Temp./Humi.	:24.9/61
Frequency	:2462 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:TX	Engineer	:Czerny Lin
EUT Pol	:E1	Test Chamber	: 966D
Setting	:12.5		



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	46.33	0.56	46.89	74.00	-27.11
4924.00	Average	37.04	0.56	37.60	54.00	-16.40
7386.00	Peak	41.68	5.63	47.30	74.00	-26.70
7386.00	Average	32.88	5.63	38.51	54.00	-15.49

- End of Test Report -