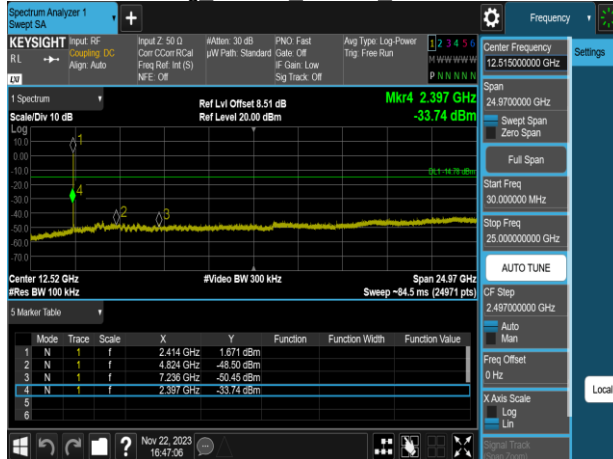
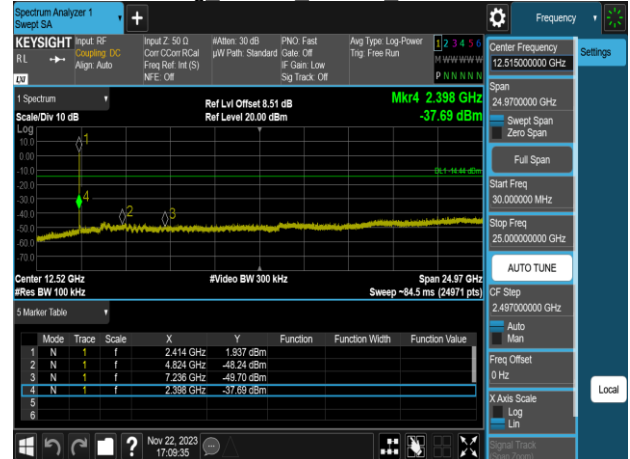


802.11g 20MHz Chain0 2412MHz



802.11g 20MHz Chain1 2412MHz



802.11g 20MHz Chain0 2437MHz



802.11g 20MHz Chain1 2437MHz



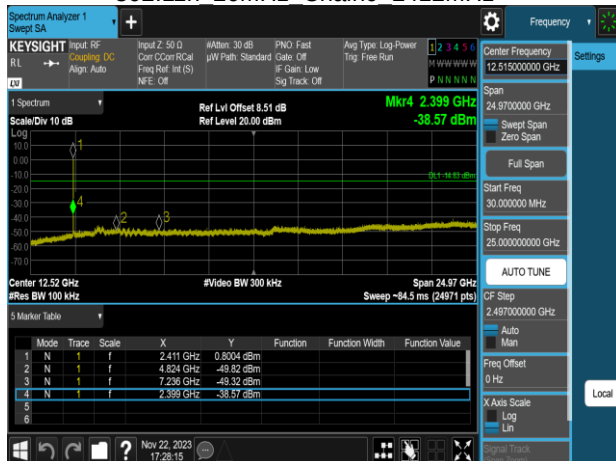
802.11g 20MHz Chain0 2462MHz



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



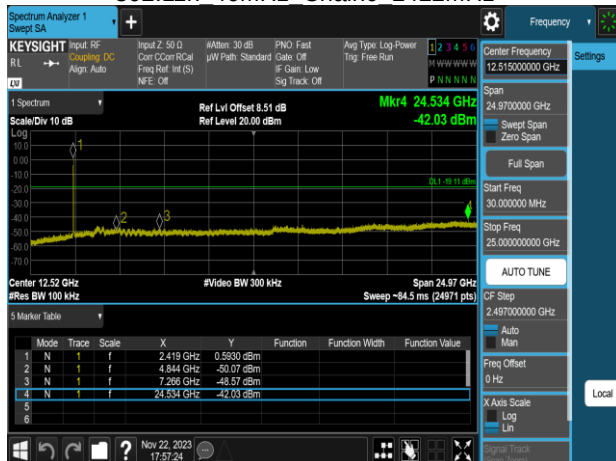
802.11n 20MHz Chain0 2462MHz



802.11n 20MHz Chain1 2462MHz



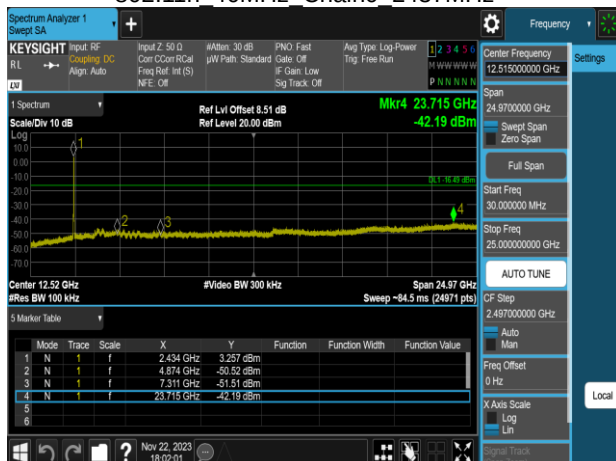
802.11n 40MHz Chain0 2422MHz



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



5.6 RADIATION BANDEDGE AND SPURIOUS EMISSION

5.6.1 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.

5.6.2 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 $\geq$ 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.

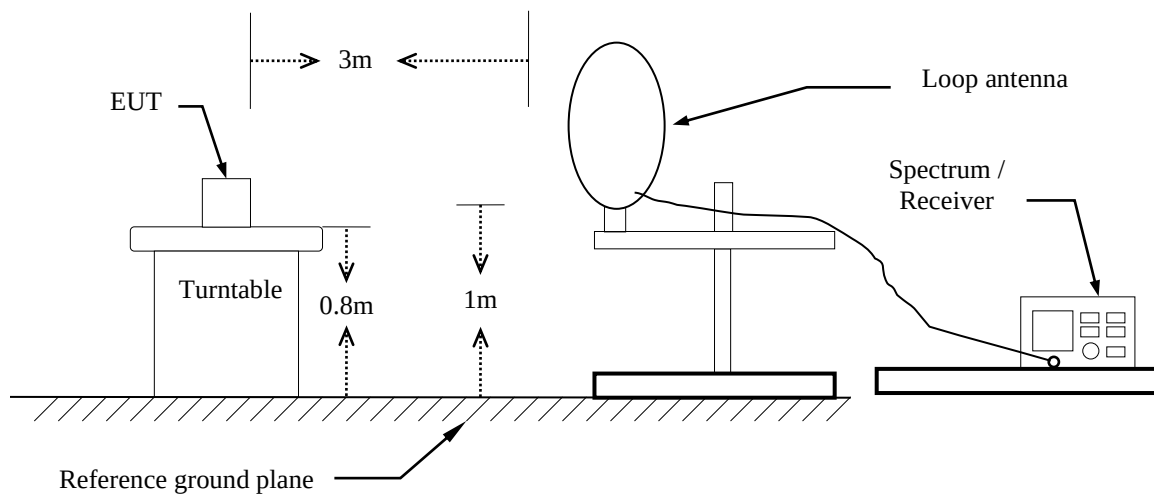
5. Data result :

Actual FS=Spectrum Reading Level + Factor

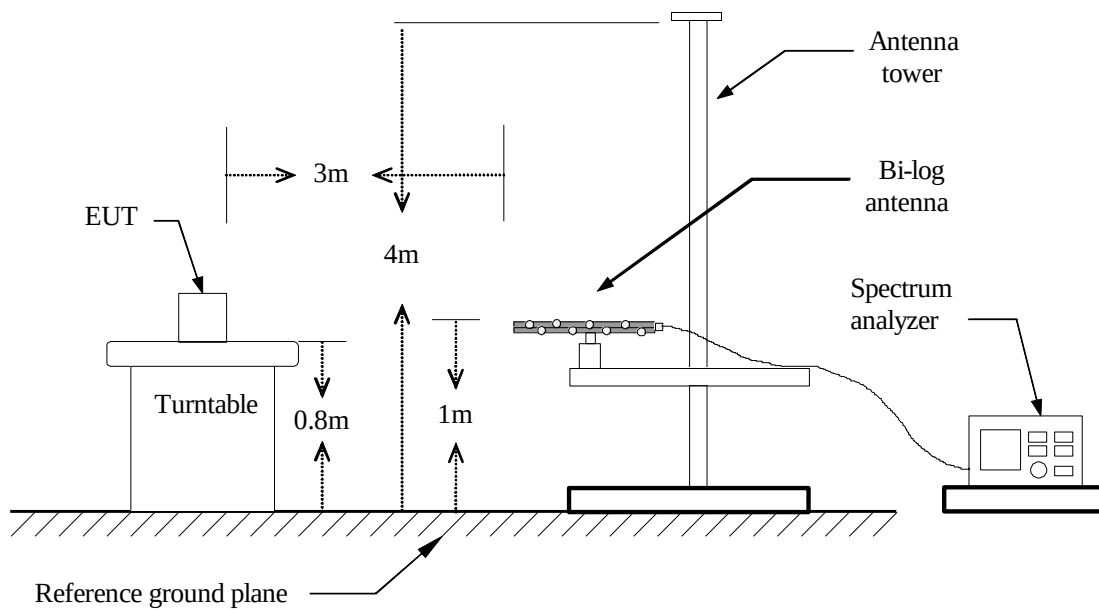
Margin=Actual FS- Limit

5.6.3 Test Setup

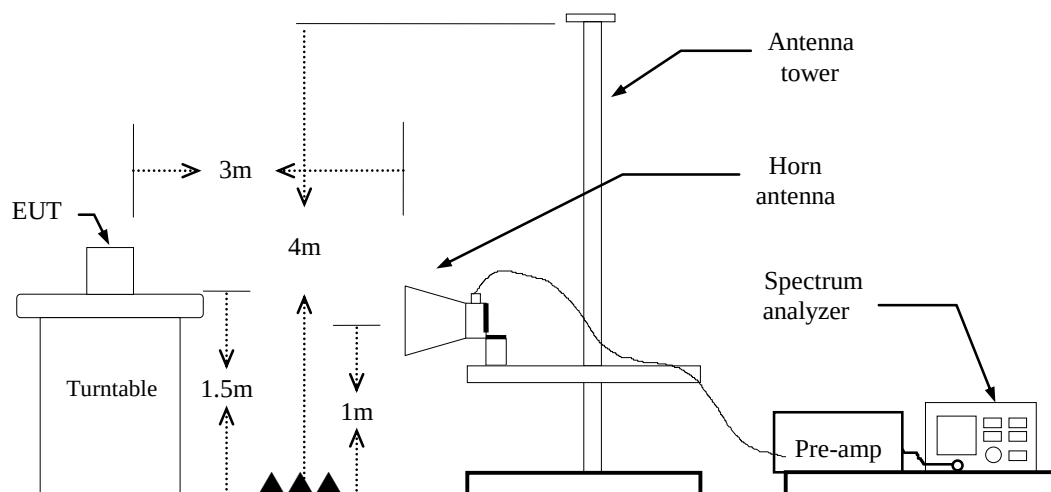
9kHz ~ 30MHz



30MHz ~ 1GHz



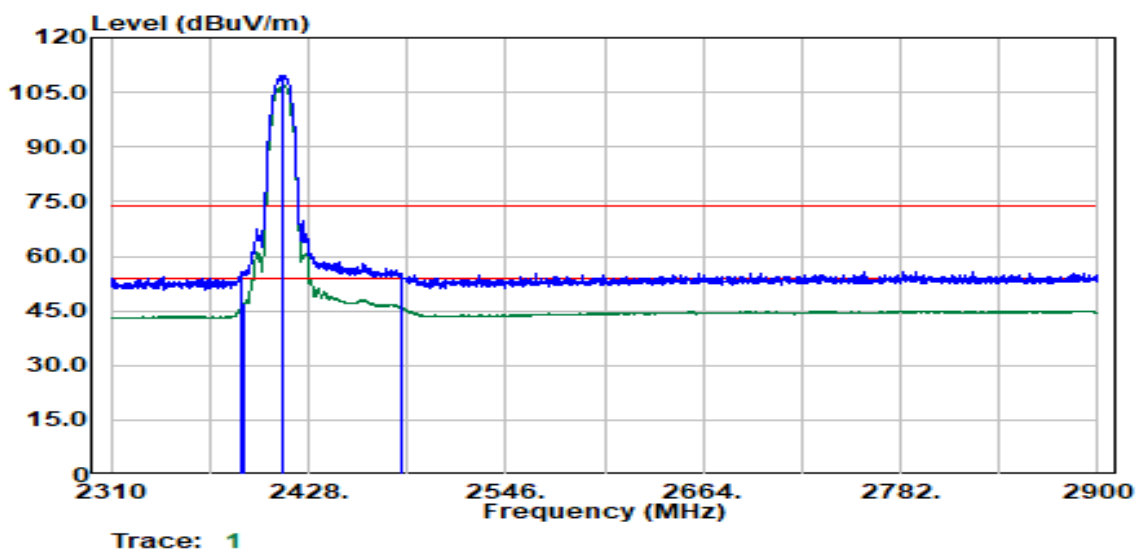
Above 1 GHz



5.6.4 Test Result

Band Edge Test Data

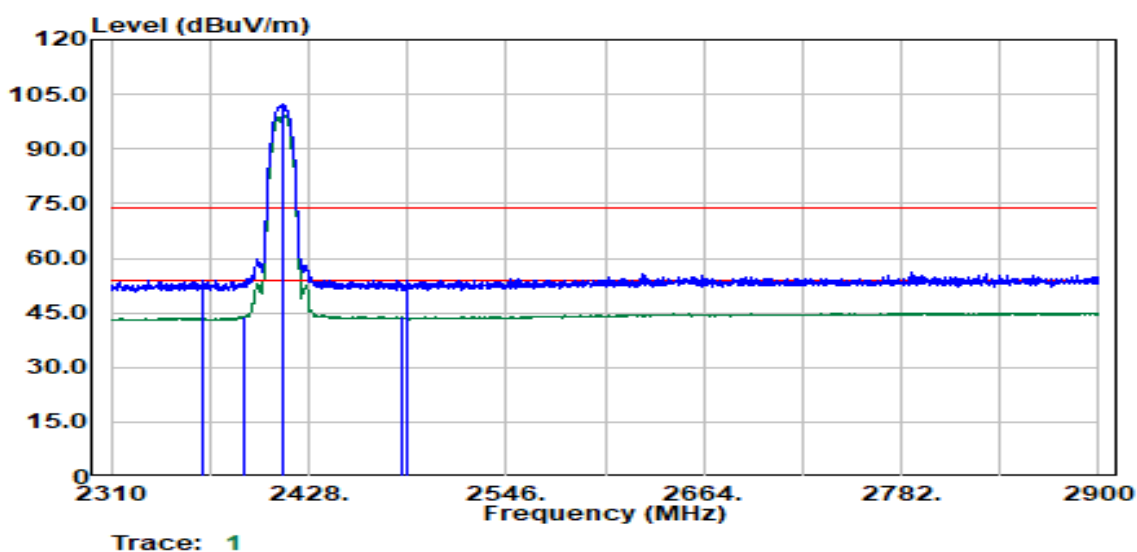
Project No.	:TM-2310000293P	Test Date	:2023-11-17
Operation Band	:802.11b	Temp./Humi.	:22.7/43
Frequency	:2412 MHz	Antenna Pol.	:Vertical
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E2	Test Chamber	: 966D
Setting	:84(CH0)		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2388.03	Peak	50.85	4.97	55.82	74.00	-18.18
2390.00	Average	42.07	4.97	47.03	54.00	-6.97
2412.00	Peak	104.93	4.70	109.64	--	--
2412.00	Average	102.06	4.70	106.76	--	--
2483.57	Peak	50.58	4.81	55.39	74.00	-18.61
2483.82	Average	40.85	4.80	45.65	54.00	-8.35

Project No. :TM-2310000293P
Operation Band :802.11b
Frequency :2412 MHz
Operation Mode :Bandedge
EUT Pol :E2
Setting :84(CH0)

Test Date :2023-11-17
Temp./Humi. :22.7/43
Antenna Pol. :HORIZONTAL
Engineer :Czerny Lin
Test Chamber : 966D

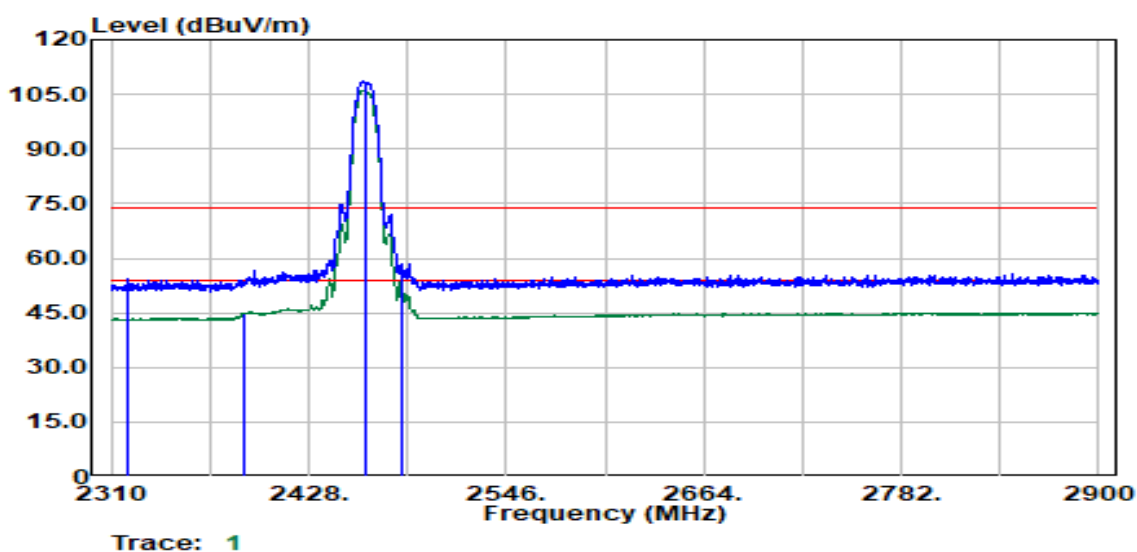


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2365.02	Peak	48.84	4.91	53.75	74.00	-20.25
2389.28	Average	39.10	4.97	44.07	54.00	-9.93
2412.00	Peak	97.65	4.70	102.35	--	--
2412.00	Average	94.61	4.70	99.31	--	--
2483.57	Average	39.00	4.81	43.81	54.00	-10.19
2487.33	Peak	49.23	4.77	54.00	74.00	-20.00

Report No.: TMWK2310003857KR

Project No. :TM-2310000293P
Operation Band :802.11b
Frequency :2462 MHz
Operation Mode :Bandedge
EUT Pol :E2
Setting :85(CH0)

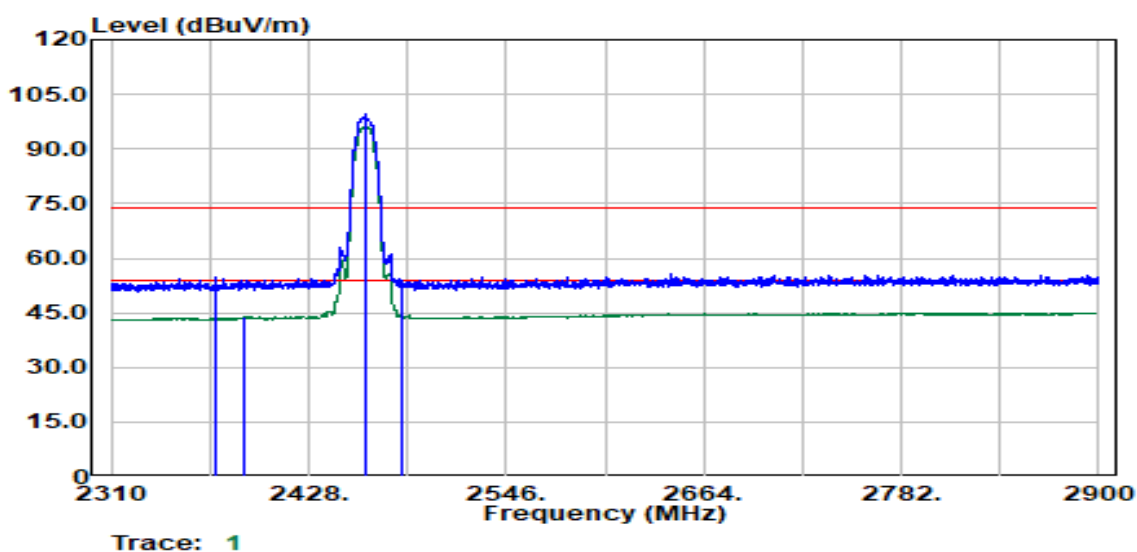
Test Date :2023-11-17
Temp./Humi. :22.7/43
Antenna Pol. :VERTICAL
Engineer :Czerny Lin
Test Chamber : 966D



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2319.50	Peak	49.28	4.84	54.13	74.00	-19.87
2389.78	Average	39.91	4.97	44.87	54.00	-9.13
2462.00	Peak	102.68	4.85	107.53	--	--
2462.00	Average	100.15	4.85	105.00	--	--
2483.57	Peak	53.76	4.81	58.57	74.00	-15.43
2483.57	Average	48.24	4.81	53.04	54.00	-0.96

Project No. :TM-2310000293P
Operation Band :802.11b
Frequency :2462 MHz
Operation Mode :Bandedge
EUT Pol :E2
Setting :85(CH0)

Test Date :2023-11-17
Temp./Humi. :22.7/43
Antenna Pol. :HORIZONTAL
Engineer :Czerny Lin
Test Chamber : 966D

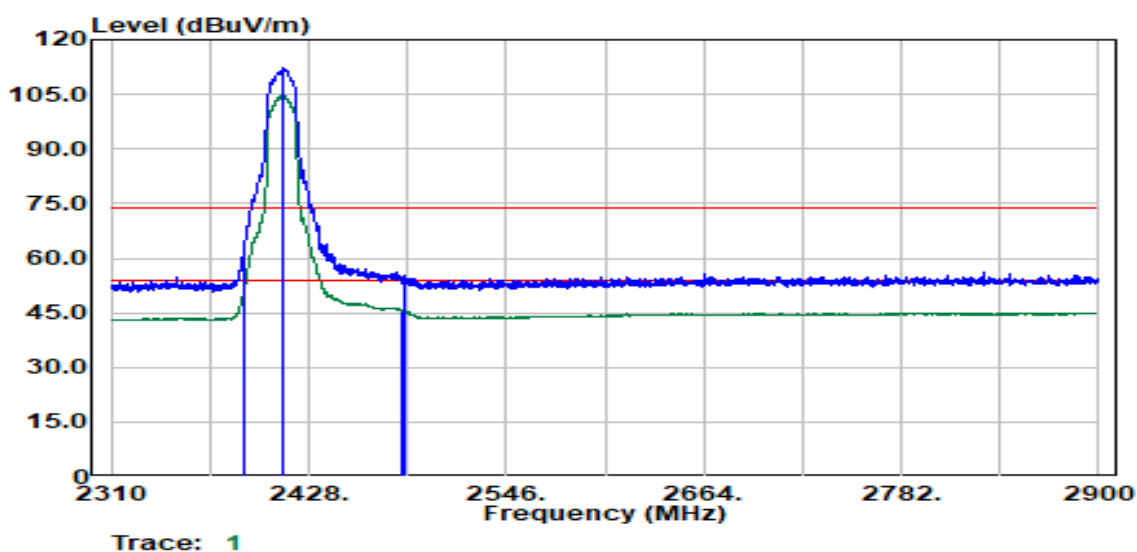


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2372.03	Peak	49.92	4.88	54.81	74.00	-19.19
2390.00	Average	38.87	4.97	43.83	54.00	-10.17
2462.00	Peak	95.06	4.85	99.91	--	--
2462.00	Average	92.34	4.85	97.19	--	--
2483.57	Peak	49.13	4.81	53.94	74.00	-20.06
2483.57	Average	39.58	4.81	44.39	54.00	-9.61

Report No.: TMWK2310003857KR

Project No. :TM-2310000293P
Operation Band :802.11g
Frequency :2412 MHz
Operation Mode :Bandedge
EUT Pol :E2
Setting :85(CH0)

Test Date :2023-11-20
Temp./Humi. :23.0/50
Antenna Pol. :VERTICAL
Engineer :Czerny Lin
Test Chamber : 966D

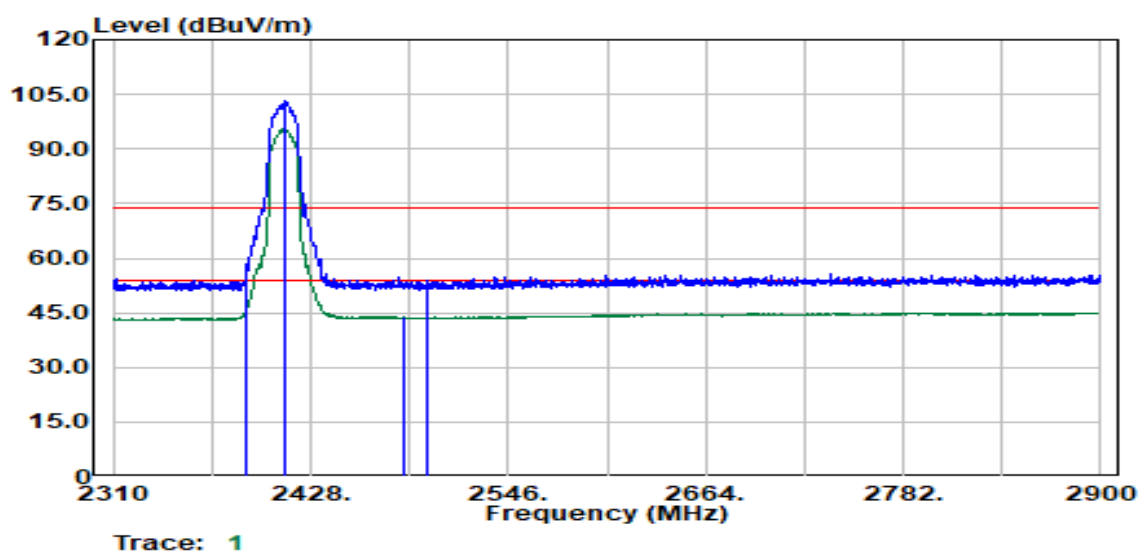


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2389.78	Peak	59.54	4.97	64.51	74.00	-9.49
2390.00	Average	48.21	4.97	53.18	54.00	-0.82
2412.00	Peak	107.44	4.70	112.15	--	--
2412.00	Average	100.27	4.70	104.97	--	--
2483.57	Average	40.58	4.81	45.39	54.00	-8.61
2484.57	Peak	50.50	4.80	55.30	74.00	-18.70

Report No.: TMWK2310003857KR

Project No. :TM-2310000293P
Operation Band :802.11g
Frequency :2412 MHz
Operation Mode :Bandedge
EUT Pol :E2
Setting :85(CH0)

Test Date :2023-11-20
Temp./Humi. :23.0/50
Antenna Pol. :HORIZONTAL
Engineer :Czerny Lin
Test Chamber : 966D

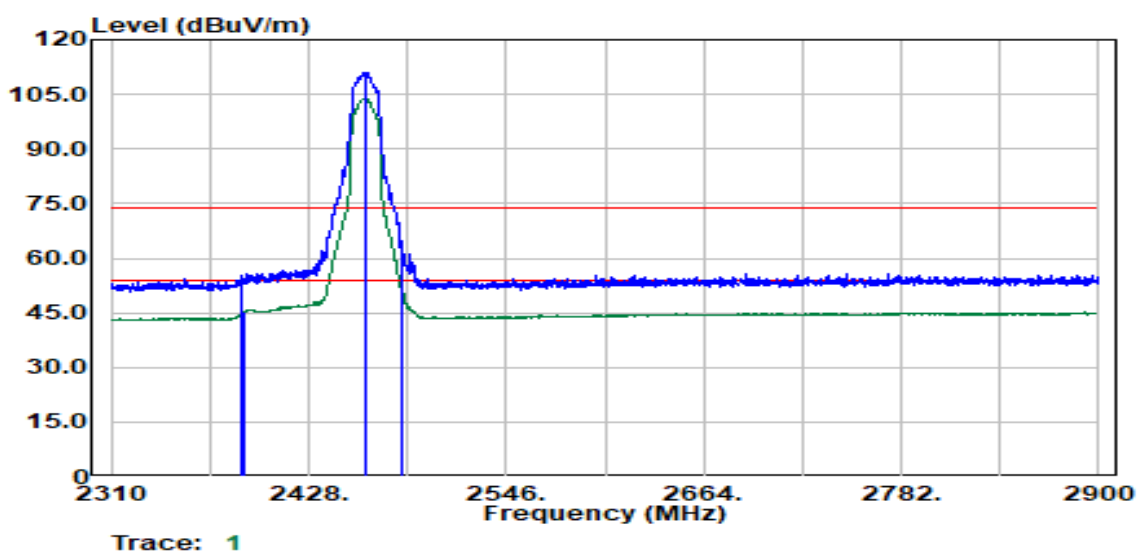


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2390.00	Peak	53.54	4.97	58.50	74.00	-15.50
2390.00	Average	41.29	4.97	46.26	54.00	-7.74
2412.00	Peak	99.03	4.70	103.73	--	--
2412.00	Average	92.21	4.70	96.91	--	--
2483.82	Average	38.96	4.80	43.76	54.00	-10.24
2497.83	Peak	49.08	4.83	53.90	74.00	-20.10

Report No.: TMWK2310003857KR

Project No. :TM-2310000293P
Operation Band :802.11g
Frequency :2462 MHz
Operation Mode :Bandedge
EUT Pol :E2
Setting :83(CH0)

Test Date :2023-11-20
Temp./Humi. :23.0/50
Antenna Pol. :VERTICAL
Engineer :Czerny Lin
Test Chamber : 966D

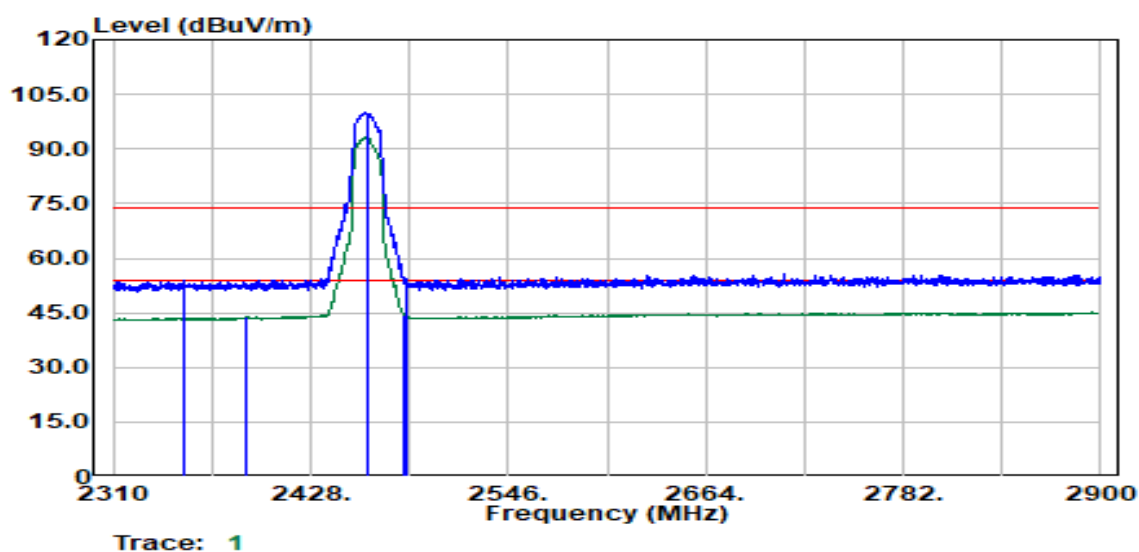


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2388.53	Peak	50.16	4.97	55.13	74.00	-18.87
2390.00	Average	40.28	4.97	45.25	54.00	-8.75
2462.00	Peak	106.19	4.85	111.04	--	--
2462.00	Average	98.95	4.85	103.80	--	--
2483.82	Peak	59.05	4.80	63.85	74.00	-10.15
2483.82	Average	48.33	4.80	53.13	54.00	-0.87

Report No.: TMWK2310003857KR

Project No. :TM-2310000293P
Operation Band :802.11g
Frequency :2462 MHz
Operation Mode :Bandedge
EUT Pol :E2
Setting :83(CH0)

Test Date :2023-11-20
Temp./Humi. :23.0/50
Antenna Pol. :HORIZONTAL
Engineer :Czerny Lin
Test Chamber : 966D

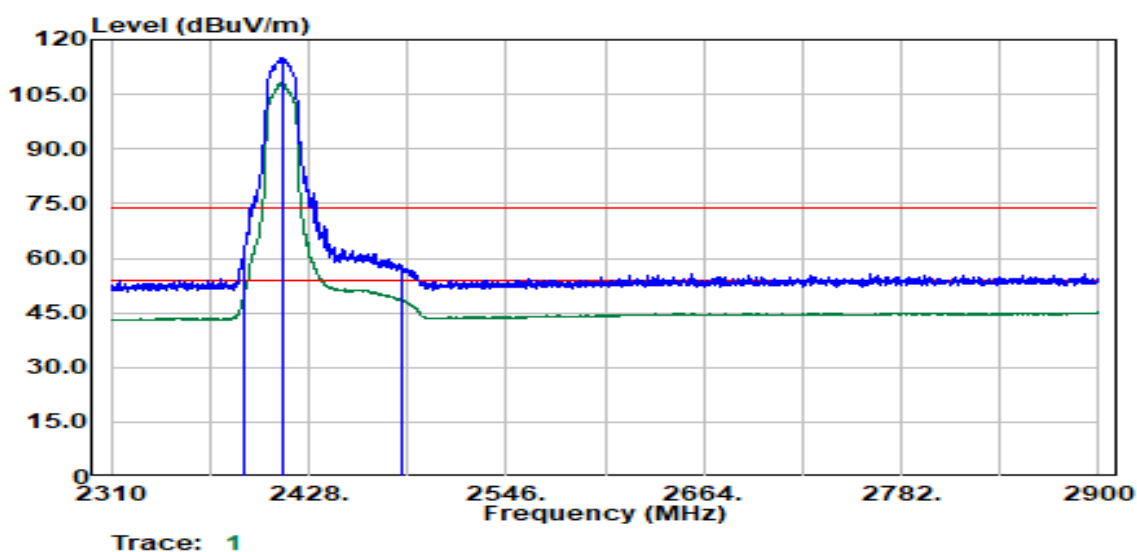


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2352.02	Peak	48.69	5.04	53.72	74.00	-20.28
2388.78	Average	38.79	4.97	43.76	54.00	-10.24
2462.00	Peak	95.09	4.85	99.95	--	--
2462.00	Average	88.29	4.85	93.15	--	--
2483.82	Average	39.57	4.80	44.38	54.00	-9.62
2485.82	Peak	49.50	4.78	54.28	74.00	-19.72

Report No.: TMWK2310003857KR

Project No. :TM-2310000293P
Operation Band :802.11n20
Frequency :2412 MHz
Operation Mode :Bandedge
EUT Pol :E2
Setting :83/83

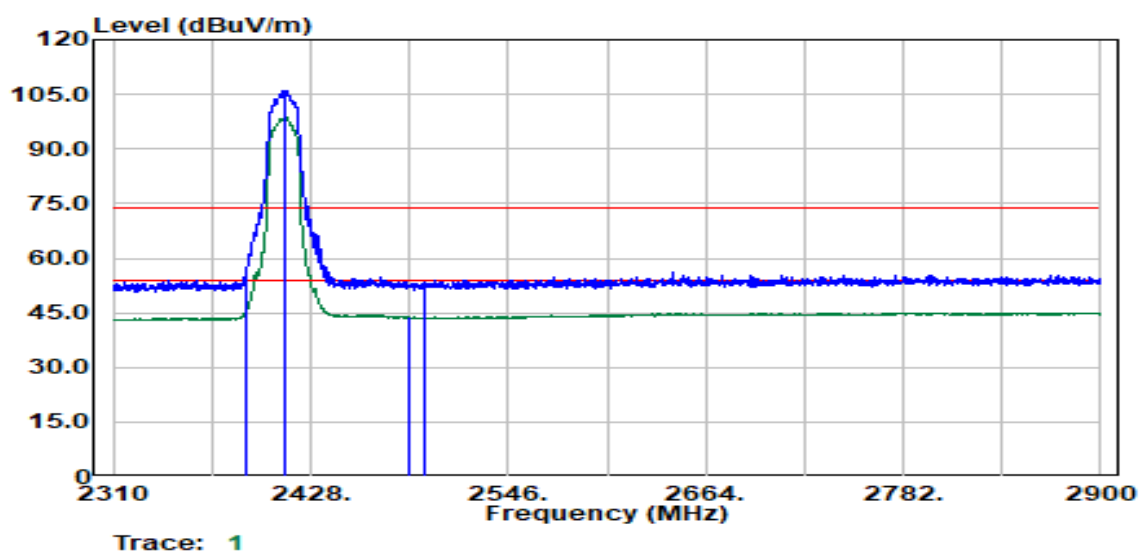
Test Date :2023-11-20
Temp./Humi. :23.0/50
Antenna Pol. :VERTICAL
Engineer :Czerny Lin
Test Chamber : 966D



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2389.03	Peak	58.24	4.97	63.21	74.00	-10.79
2390.00	Average	48.49	4.97	53.45	54.00	-0.55
2412.00	Peak	110.36	4.70	115.07	--	--
2412.00	Average	103.51	4.70	108.22	--	--
2483.57	Peak	53.09	4.81	57.89	74.00	-16.11
2484.07	Average	43.87	4.80	48.67	54.00	-5.33

Project No. :TM-2310000293P
Operation Band :802.11n20
Frequency :2412 MHz
Operation Mode :Bandedge
EUT Pol :E2
Setting :83/83

Test Date :2023-11-20
Temp./Humi. :23.0/50
Antenna Pol. :HORIZONTAL
Engineer :Czerny Lin
Test Chamber : 966D

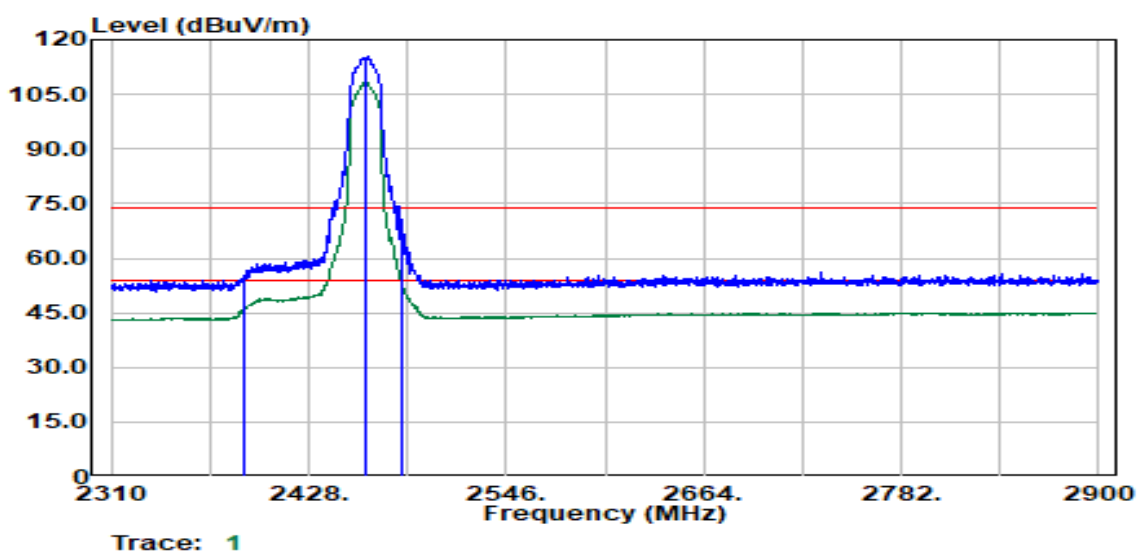


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2389.53	Peak	51.41	4.97	56.38	74.00	-17.62
2390.00	Average	41.08	4.97	46.05	54.00	-7.95
2412.00	Peak	101.25	4.70	105.95	--	--
2412.00	Average	94.20	4.70	98.90	--	--
2487.08	Average	39.01	4.77	43.78	54.00	-10.22
2496.58	Peak	48.64	4.81	53.45	74.00	-20.55

Report No.: TMWK2310003857KR

Project No. :TM-2310000293P
Operation Band :802.11n20
Frequency :2462 MHz
Operation Mode :Bandedge
EUT Pol :E2
Setting :79/75

Test Date :2023-11-20
Temp./Humi. :23.0/50
Antenna Pol. :VERTICAL
Engineer :Czerny Lin
Test Chamber : 966D

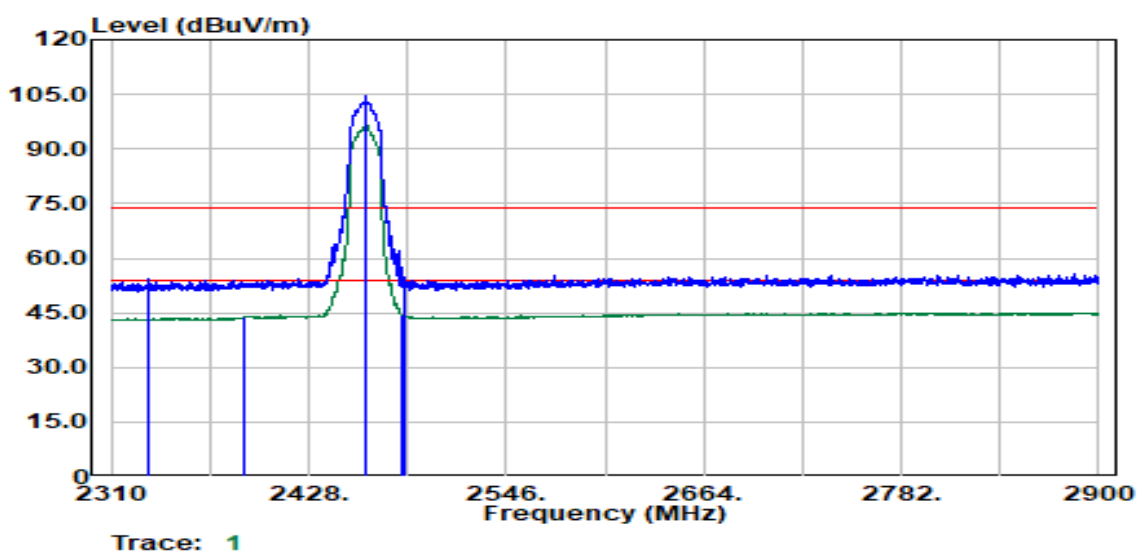


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2389.28	Peak	50.29	4.97	55.25	74.00	-18.75
2390.00	Average	41.30	4.97	46.27	54.00	-7.73
2462.00	Peak	110.46	4.85	115.31	--	--
2462.00	Average	103.30	4.85	108.15	--	--
2483.57	Average	48.74	4.81	53.54	54.00	-0.46
2483.82	Peak	63.12	4.80	67.92	74.00	-6.08

Report No.: TMWK2310003857KR

Project No. :TM-2310000293P
Operation Band :802.11n20
Frequency :2462 MHz
Operation Mode :Bandedge
EUT Pol :E2
Setting :79/75

Test Date :2023-11-20
Temp./Humi. :23.0/50
Antenna Pol. :HORIZONTAL
Engineer :Czerny Lin
Test Chamber : 966D

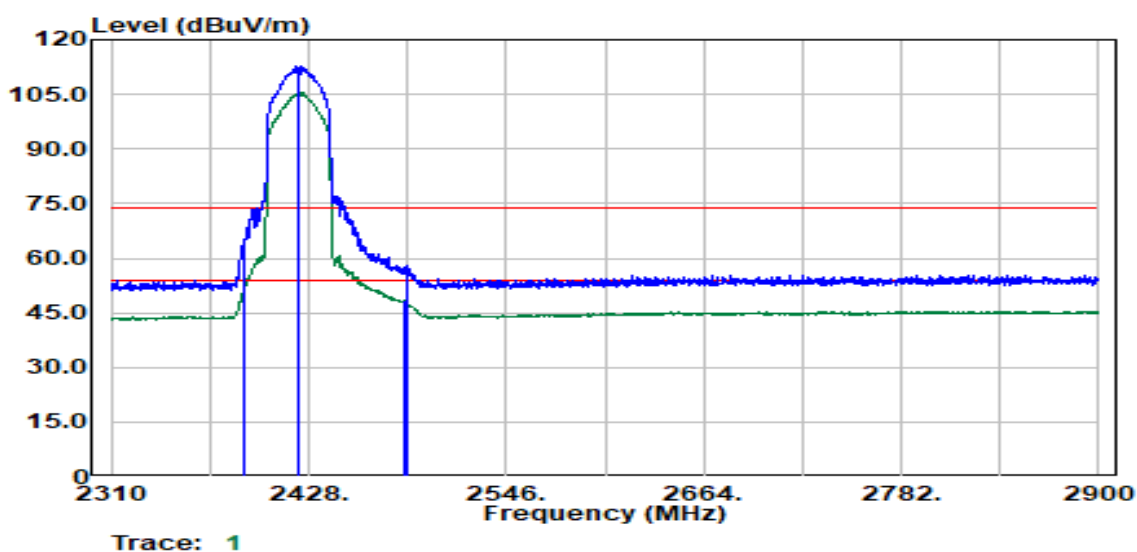


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2332.76	Peak	49.27	4.87	54.14	74.00	-19.86
2389.03	Average	38.75	4.97	43.72	54.00	-10.28
2462.00	Peak	100.13	4.85	104.98	--	--
2462.00	Average	93.42	4.85	98.27	--	--
2483.57	Average	39.43	4.81	44.24	54.00	-9.76
2485.32	Peak	50.17	4.79	54.96	74.00	-19.04

Report No.: TMWK2310003857KR

Project No. :TM-2310000293P
Operation Band :802.11n40
Frequency :2422 MHz
Operation Mode :Bandedge
EUT Pol :E2
Setting :78/78

Test Date :2023-11-21
Temp./Humi. :24.1/54
Antenna Pol. :VERTICAL
Engineer :Czerny Lin
Test Chamber : 966D

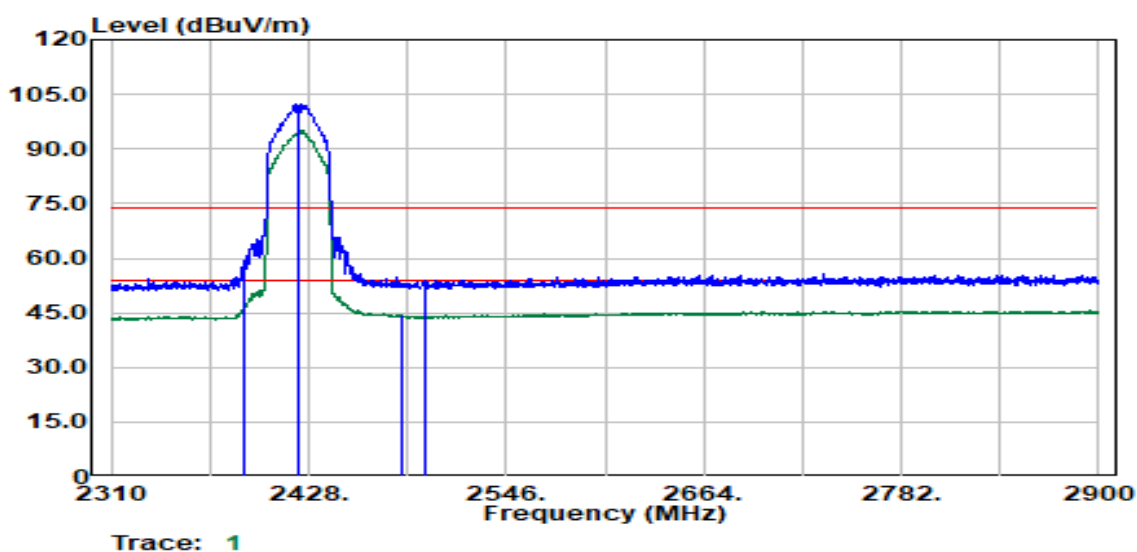


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2390.00	Peak	60.43	4.97	65.39	74.00	-8.61
2390.00	Average	48.19	4.97	53.16	54.00	-0.84
2422.00	Peak	108.01	4.79	112.80	--	--
2422.00	Average	100.68	4.79	105.48	--	--
2485.32	Average	43.44	4.79	48.23	54.00	-5.77
2486.33	Peak	53.22	4.78	58.00	74.00	-16.00

Report No.: TMWK2310003857KR

Project No. :TM-2310000293P
Operation Band :802.11n40
Frequency :2422 MHz
Operation Mode :Bandedge
EUT Pol :E2
Setting :78/78

Test Date :2023-11-21
Temp./Humi. :24.1/54
Antenna Pol. :HORIZONTAL
Engineer :Czerny Lin
Test Chamber : 966D

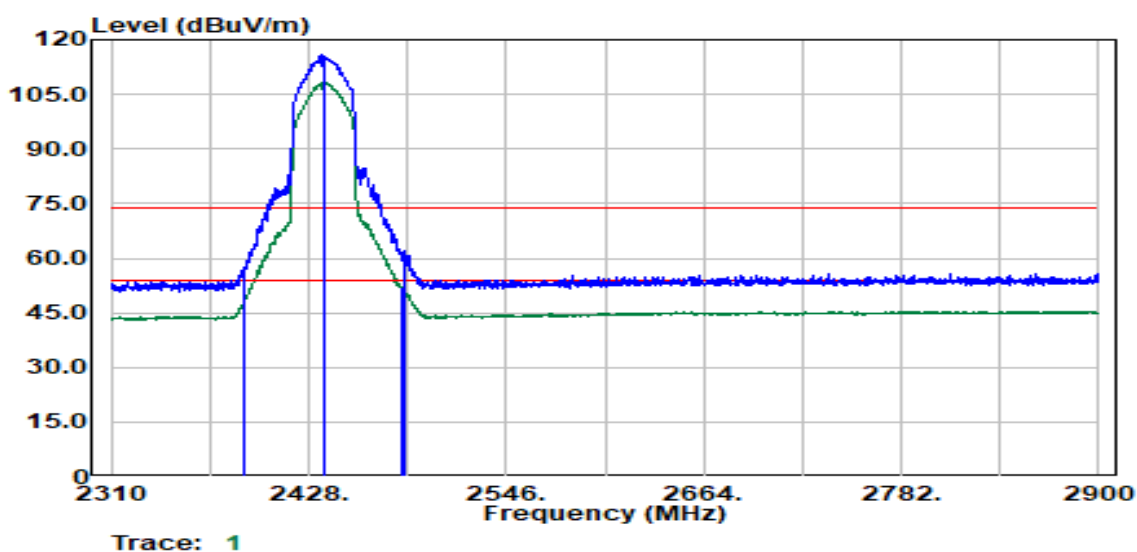


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2389.53	Peak	54.23	4.97	59.20	74.00	-14.80
2390.00	Average	41.02	4.97	45.99	54.00	-8.01
2422.00	Peak	97.72	4.79	102.52	--	--
2422.00	Average	90.30	4.79	95.10	--	--
2484.32	Average	39.38	4.80	44.18	54.00	-9.82
2497.58	Peak	48.94	4.82	53.76	74.00	-20.24

Report No.: TMWK2310003857KR

Project No. :TM-2310000293P
Operation Band :802.11n40
Frequency :2437 MHz
Operation Mode :Bandedge
EUT Pol :E2
Setting :87/87

Test Date :2023-11-21
Temp./Humi. :24.1/54
Antenna Pol. :VERTICAL
Engineer :Czerny Lin
Test Chamber : 966D

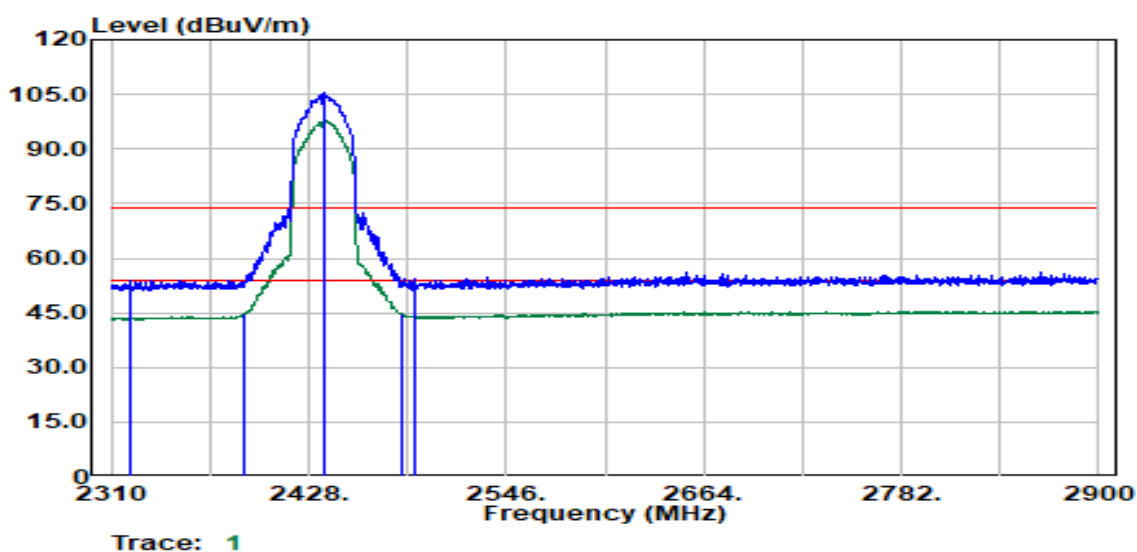


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2390.00	Peak	52.59	4.97	57.56	74.00	-16.44
2390.00	Average	44.24	4.97	49.21	54.00	-4.79
2437.00	Peak	111.18	4.74	115.92	--	--
2437.00	Average	103.50	4.74	108.24	--	--
2483.82	Average	47.37	4.80	52.17	54.00	-1.83
2485.57	Peak	57.47	4.79	62.25	74.00	-11.75

Report No.: TMWK2310003857KR

Project No. :TM-2310000293P
Operation Band :802.11n40
Frequency :2437 MHz
Operation Mode :Bandedge
EUT Pol :E2
Setting :87/87

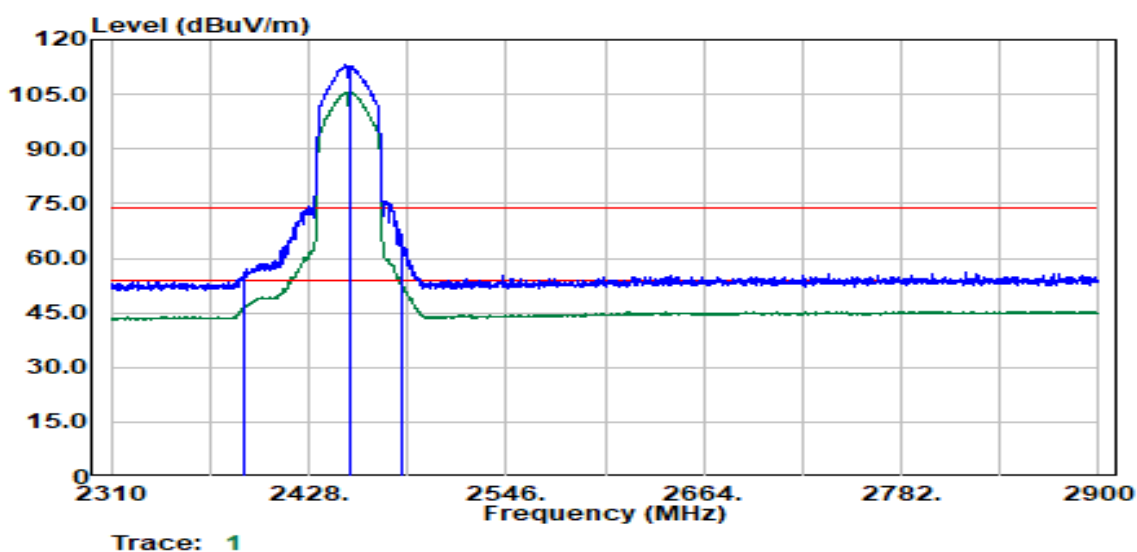
Test Date :2023-11-21
Temp./Humi. :24.1/54
Antenna Pol. :HORIZONTAL
Engineer :Czerny Lin
Test Chamber : 966D



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2321.26	Peak	48.97	4.84	53.81	74.00	-20.19
2390.00	Average	39.75	4.97	44.71	54.00	-9.29
2437.00	Peak	101.42	4.74	106.16	--	--
2437.00	Average	94.18	4.74	98.92	--	--
2483.57	Average	39.89	4.81	44.69	54.00	-9.31
2490.83	Peak	49.62	4.75	54.38	74.00	-19.62

Project No. :TM-2310000293P
Operation Band :802.11n40
Frequency :2452 MHz
Operation Mode :Bandedge
EUT Pol :E2
Setting :76/73

Test Date :2023-11-21
Temp./Humi. :24.1/54
Antenna Pol. :VERTICAL
Engineer :Czerny Lin
Test Chamber : 966D

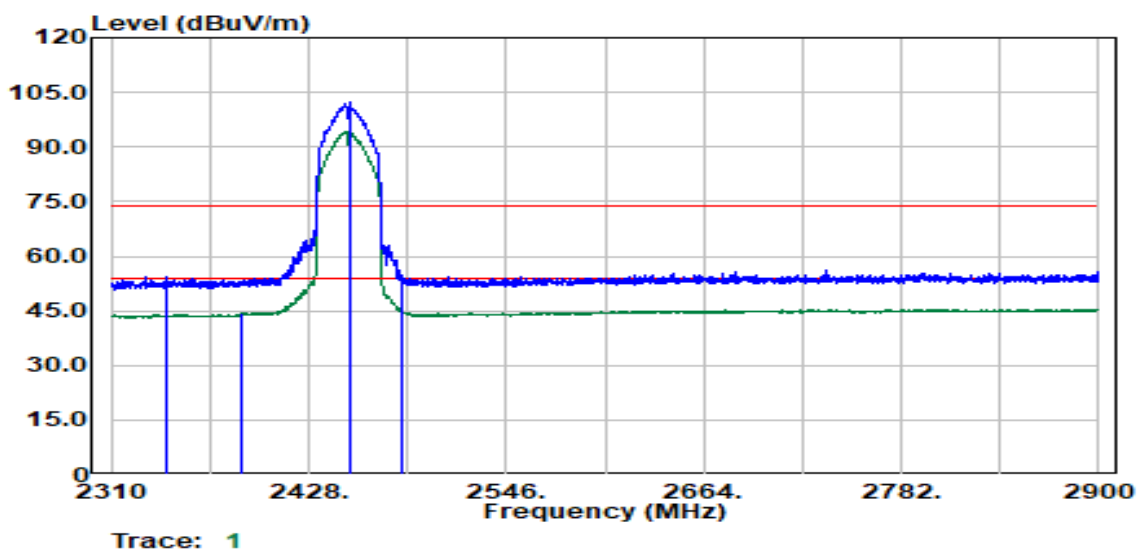


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2389.28	Peak	51.13	4.97	56.10	74.00	-17.90
2389.78	Average	41.59	4.97	46.55	54.00	-7.45
2452.00	Peak	108.64	4.75	113.39	--	--
2452.00	Average	100.78	4.75	105.53	--	--
2483.57	Peak	61.63	4.81	66.43	74.00	-7.57
2483.57	Average	48.16	4.81	52.97	54.00	-1.03

Report No.: TMWK2310003857KR

Project No. :TM-2310000293P
Operation Band :802.11n40
Frequency :2452 MHz
Operation Mode :Bandedge
EUT Pol :E2
Setting :76/73

Test Date :2023-11-21
Temp./Humi. :24.1/54
Antenna Pol. :HORIZONTAL
Engineer :Czerny Lin
Test Chamber : 966D

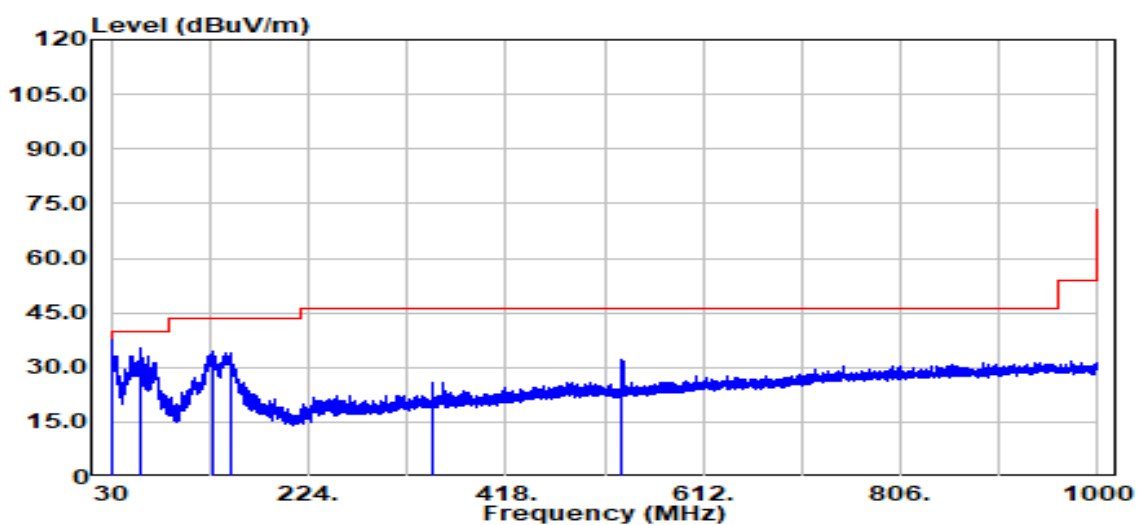


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2343.76	Peak	49.20	4.99	54.19	74.00	-19.81
2388.53	Average	39.25	4.97	44.22	54.00	-9.78
2452.00	Peak	97.98	4.75	102.73	--	--
2452.00	Average	90.46	4.75	95.21	--	--
2483.57	Peak	49.70	4.81	54.51	74.00	-19.49
2483.57	Average	39.92	4.81	44.73	54.00	-9.27

TX Test Data

Project No. :TM-2310000293P
Operation Band :802.11n20
Frequency :2462 MHz
Operation Mode :TX
EUT Pol :E2
Setting :79/75

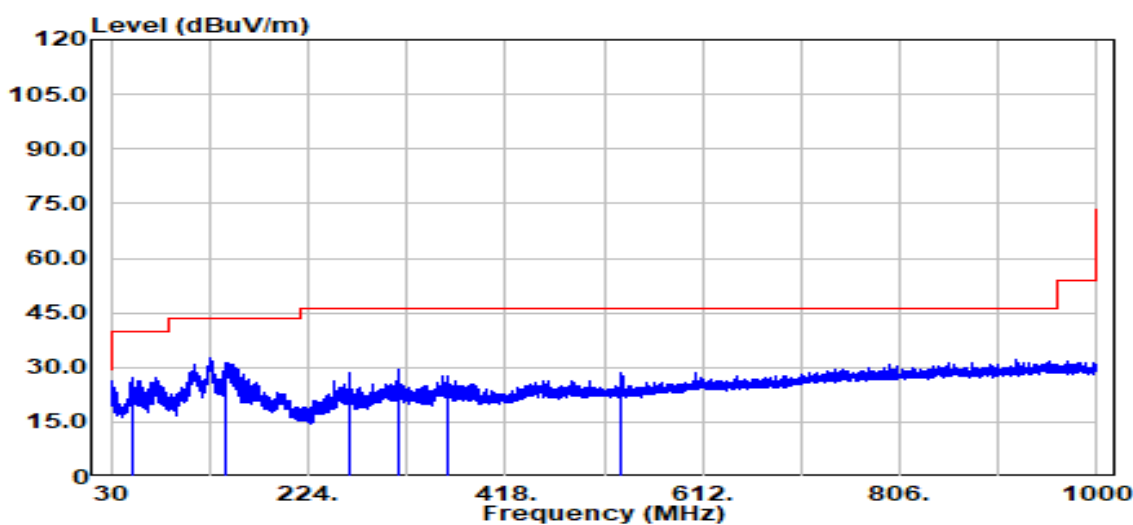
Test Date :2023-11-21
Temp./Humi. :24.1/54
Antenna Pol. :VERTICAL
Engineer :Czerny Lin
Test Chamber : 966D



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBuV	Factor dB	Actual FS dBuV/m	Limit dBuV/m	Margin dB
30.68	Peak	51.74	-14.14	37.60	40.00	-2.40
58.71	Peak	48.18	-13.07	35.10	40.00	-4.90
130.69	Peak	48.91	-14.39	34.52	43.50	-8.98
147.18	Peak	46.94	-12.98	33.95	43.50	-9.55
345.64	Peak	36.98	-11.18	25.80	46.00	-20.20
531.20	Peak	38.85	-6.88	31.97	46.00	-14.03

Project No. :TM-2310000293P
Operation Band :802.11n20
Frequency :2462 MHz
Operation Mode :TX
EUT Pol :E2
Setting :79/75

Test Date :2023-11-21
Temp./Humi. :24.1/54
Antenna Pol. :HORIZONTAL
Engineer :Czerny Lin
Test Chamber : 966D

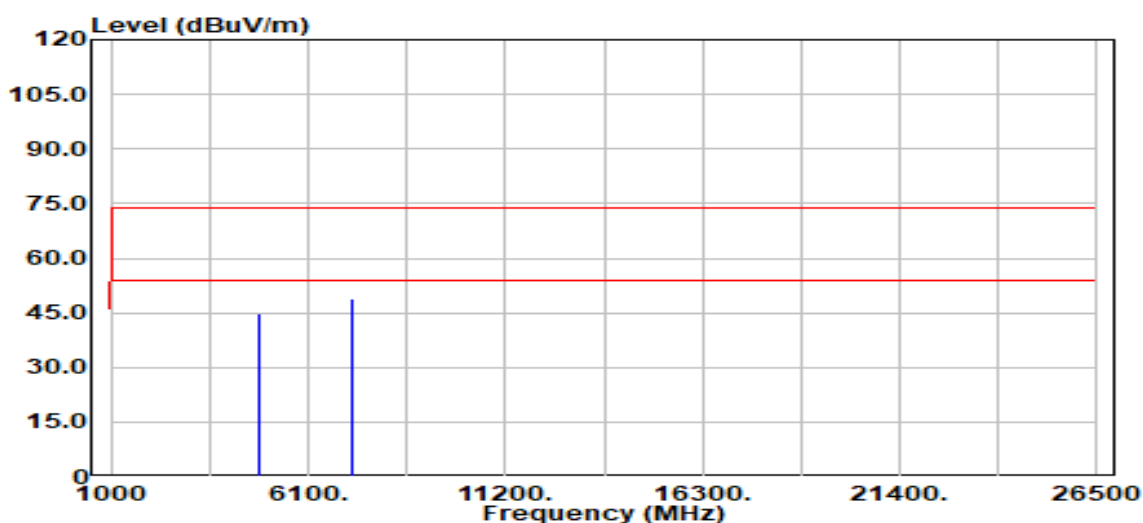


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
51.05	Peak	39.40	-12.27	27.13	40.00	-12.87
143.88	Peak	44.24	-13.20	31.04	43.50	-12.46
263.96	Peak	41.89	-13.53	28.36	46.00	-17.64
311.98	Peak	41.50	-11.92	29.58	46.00	-16.42
360.67	Peak	38.84	-11.07	27.77	46.00	-18.23
530.91	Peak	35.35	-6.89	28.46	46.00	-17.54

Report No.: TMWK2310003857KR

Project No. :TM-2310000293P
Operation Band :802.11b
Frequency :2412 MHz
Operation Mode :TX
EUT Pol :E2
Setting :84(CH0)

Test Date :2023-11-17
Temp./Humi. :22.7/43
Antenna Pol. :VERTICAL
Engineer :Czerny Lin
Test Chamber : 966D

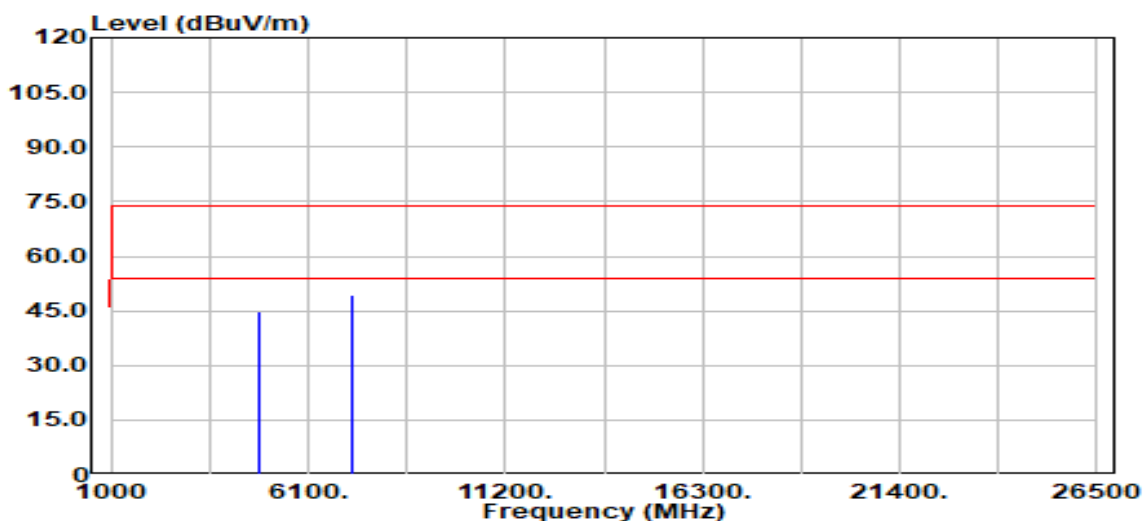


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4824.00	Peak	44.01	0.90	44.91	74.00	-29.09
4824.00	Average	36.78	0.90	37.68	54.00	-16.32
7236.00	Peak	43.30	5.67	48.97	74.00	-25.03
7236.00	Average	34.44	5.67	40.11	54.00	-13.89

Report No.: TMWK2310003857KR

Project No. :TM-2310000293P
Operation Band :802.11b
Frequency :2412 MHz
Operation Mode :TX
EUT Pol :E2
Setting :84(CH0)

Test Date :2023-11-17
Temp./Humi. :22.7/43
Antenna Pol. :HORIZONTAL
Engineer :Czerny Lin
Test Chamber : 966D

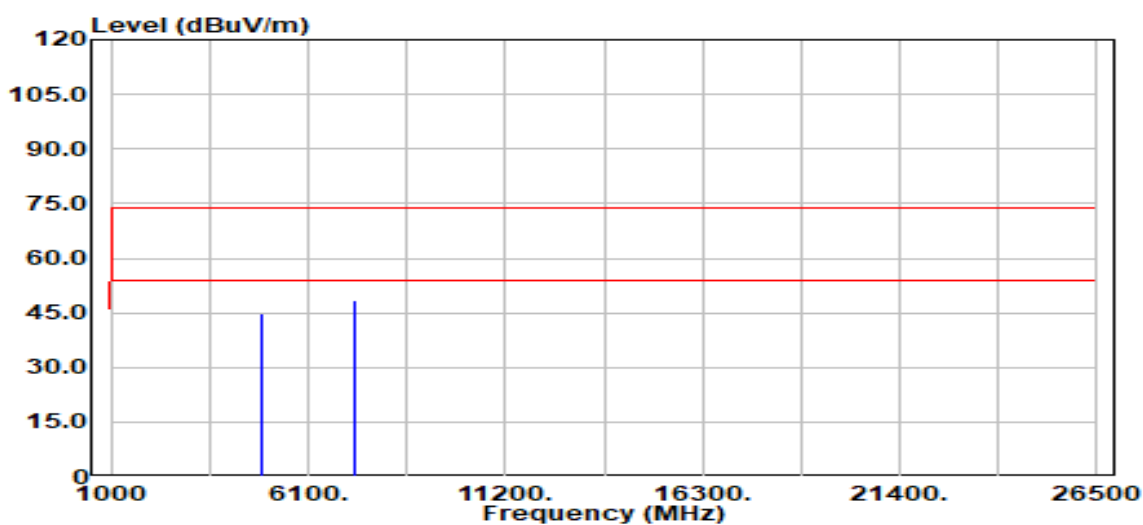


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4824.00	Peak	43.85	0.90	44.75	74.00	-29.25
4824.00	Average	34.24	0.90	35.14	54.00	-18.86
7236.00	Peak	43.80	5.67	49.47	74.00	-24.53
7236.00	Average	34.06	5.67	39.74	54.00	-14.26

Report No.: TMWK2310003857KR

Project No. :TM-2310000293P
Operation Band :802.11b
Frequency :2437 MHz
Operation Mode :TX
EUT Pol :E2
Setting :81(CH0)

Test Date :2023-11-17
Temp./Humi. :22.7/43
Antenna Pol. :VERTICAL
Engineer :Czerny Lin
Test Chamber : 966D

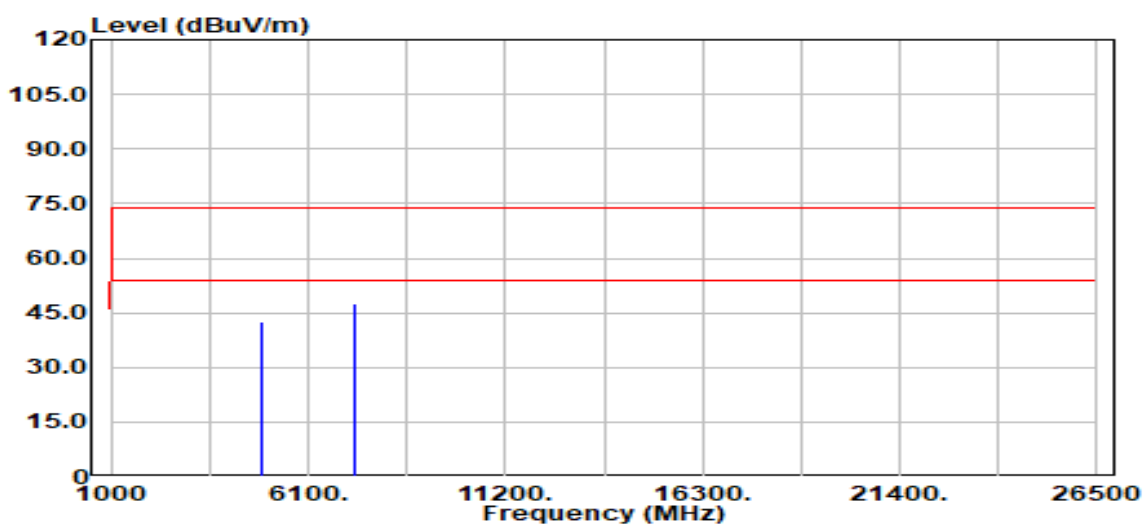


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4874.00	Peak	43.77	0.94	44.71	74.00	-29.29
4874.00	Average	36.45	0.94	37.39	54.00	-16.61
7311.00	Peak	42.58	5.79	48.37	74.00	-25.63
7311.00	Average	36.16	5.79	41.94	54.00	-12.06

Report No.: TMWK2310003857KR

Project No. :TM-2310000293P
Operation Band :802.11b
Frequency :2437 MHz
Operation Mode :TX
EUT Pol :E2
Setting :81(CH0)

Test Date :2023-11-17
Temp./Humi. :22.7/43
Antenna Pol. :HORIZONTAL
Engineer :Czerny Lin
Test Chamber : 966D

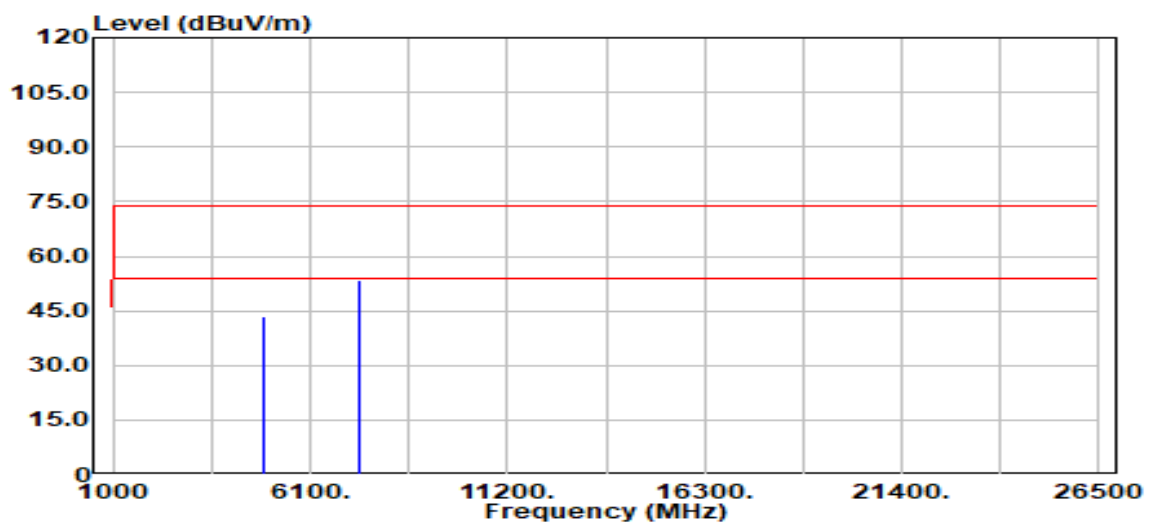


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4874.00	Peak	41.76	0.94	42.70	74.00	-31.30
4874.00	Average	33.50	0.94	34.44	54.00	-19.56
7311.00	Peak	41.83	5.79	47.62	74.00	-26.38
7311.00	Average	33.07	5.79	38.85	54.00	-15.15

Report No.: TMWK2310003857KR

Project No. :TM-2310000293P
Operation Band :802.11b
Frequency :2462 MHz
Operation Mode :TX
EUT Pol :E2
Setting :85(CH0)

Test Date :2023-11-17
Temp./Humi. :22.7/43
Antenna Pol. :VERTICAL
Engineer :Czerny Lin
Test Chamber : 966D

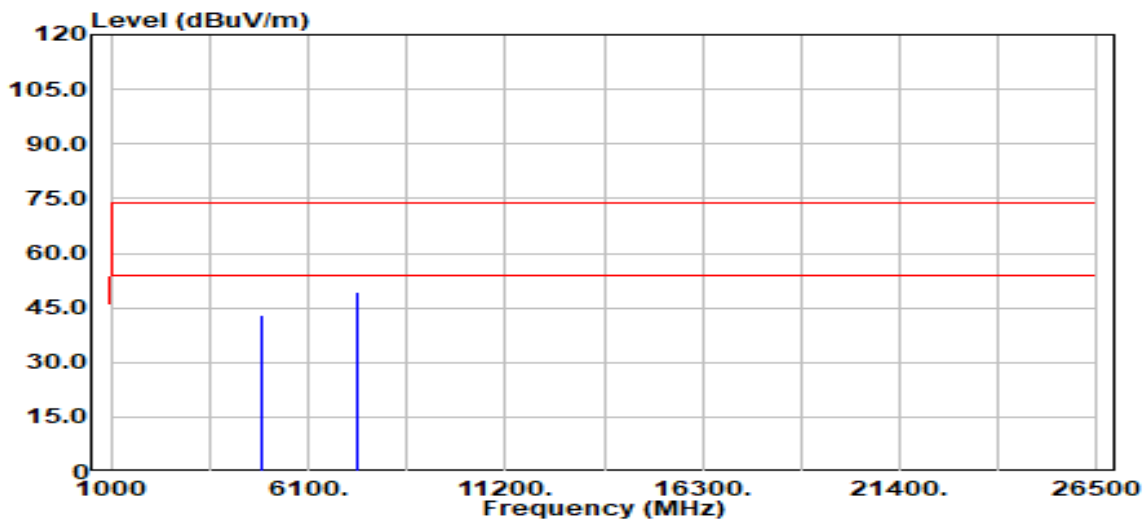


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4924.00	Peak	42.26	0.99	43.25	74.00	-30.75
4924.00	Average	37.47	0.99	38.46	54.00	-15.54
7386.00	Peak	47.36	5.94	53.30	74.00	-20.70
7386.00	Average	38.15	5.94	44.09	54.00	-9.91

Report No.: TMWK2310003857KR

Project No. :TM-2310000293P
Operation Band :802.11b
Frequency :2462 MHz
Operation Mode :TX
EUT Pol :E2
Setting :85(CH0)

Test Date :2023-11-17
Temp./Humi. :22.7/43
Antenna Pol. :HORIZONTAL
Engineer :Czerny Lin
Test Chamber : 966D

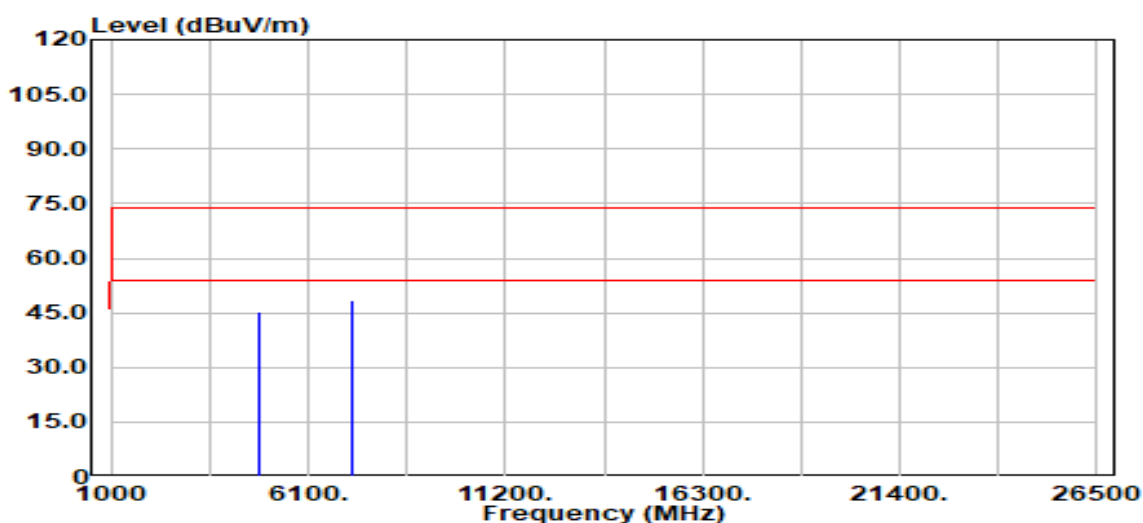


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBuV	Factor dB	Actual FS dBuV/m	Limit dBuV/m	Margin dB
4924.00	Peak	42.00	0.99	42.99	74.00	-31.01
4924.00	Average	35.11	0.99	36.10	54.00	-17.90
7386.00	Peak	43.20	5.94	49.15	74.00	-24.85
7386.00	Average	34.72	5.94	40.67	54.00	-13.33

Report No.: TMWK2310003857KR

Project No. :TM-2310000293P
Operation Band :802.11g
Frequency :2412 MHz
Operation Mode :TX
EUT Pol :E2
Setting :85(CH0)

Test Date :2023-11-20
Temp./Humi. :23.0/50
Antenna Pol. :VERTICAL
Engineer :Czerny Lin
Test Chamber : 966D

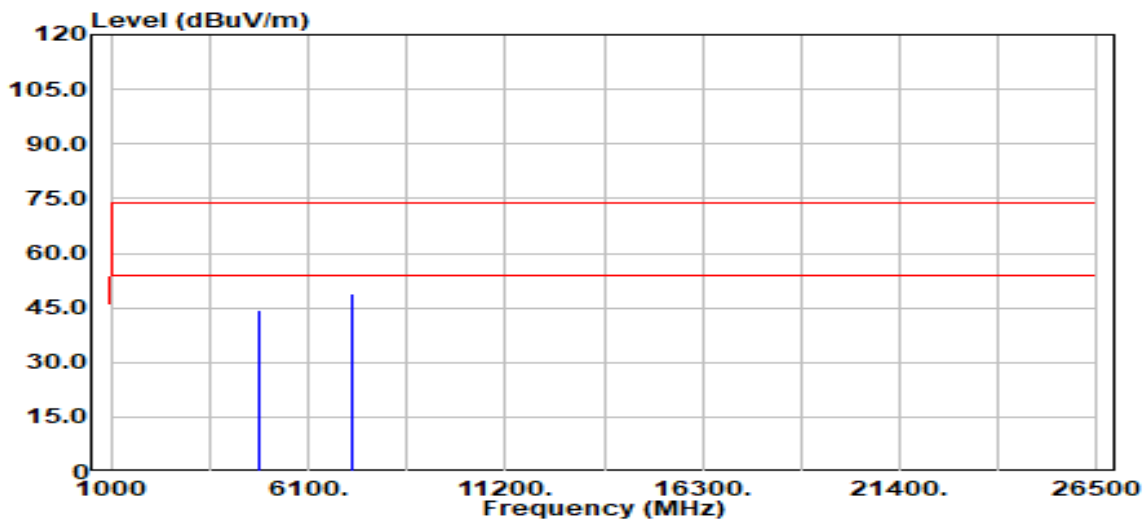


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4824.00	Peak	44.41	0.90	45.31	74.00	-28.69
4824.00	Average	33.98	0.90	34.88	54.00	-19.12
7236.00	Peak	42.90	5.67	48.58	74.00	-25.43
7236.00	Average	35.13	5.67	40.81	54.00	-13.19

Report No.: TMWK2310003857KR

Project No. :TM-2310000293P
Operation Band :802.11g
Frequency :2412 MHz
Operation Mode :TX
EUT Pol :E2
Setting :85(CH0)

Test Date :2023-11-20
Temp./Humi. :23.0/50
Antenna Pol. :HORIZONTAL
Engineer :Czerny Lin
Test Chamber : 966D



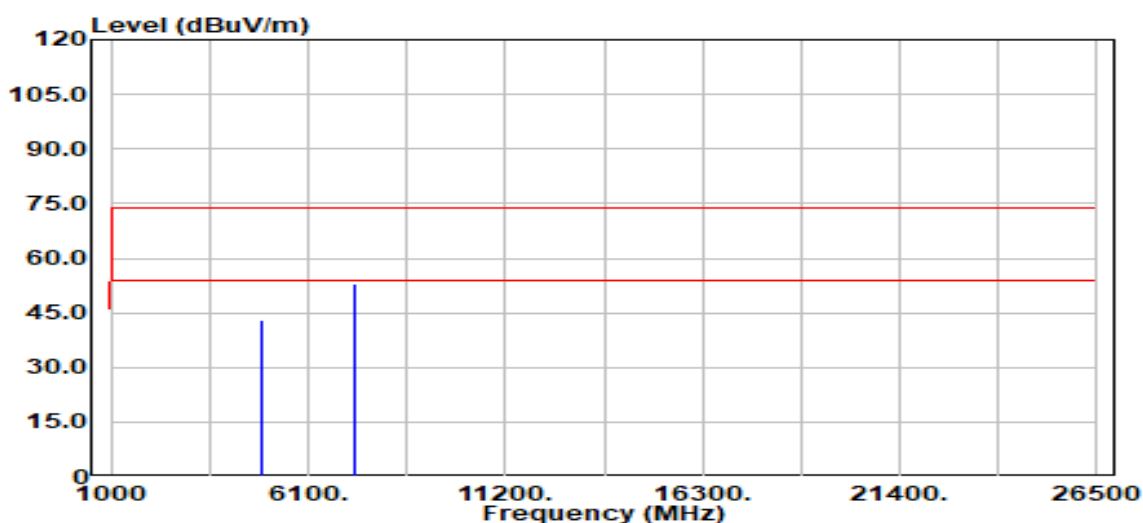
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4824.00	Peak	43.45	0.90	44.35	74.00	-29.65
4824.00	Average	33.65	0.90	34.55	54.00	-19.45
7236.00	Peak	43.30	5.67	48.98	74.00	-25.02
7236.00	Average	32.69	5.67	38.36	54.00	-15.64

Report No.: TMWK2310003857KR

Rev.: 01

Project No. :TM-2310000293P
Operation Band :802.11g
Frequency :2437 MHz
Operation Mode :TX
EUT Pol :E2
Setting :85(CH0)

Test Date :2023-11-20
Temp./Humi. :23.0/50
Antenna Pol. :VERTICAL
Engineer :Czerny Lin
Test Chamber : 966D

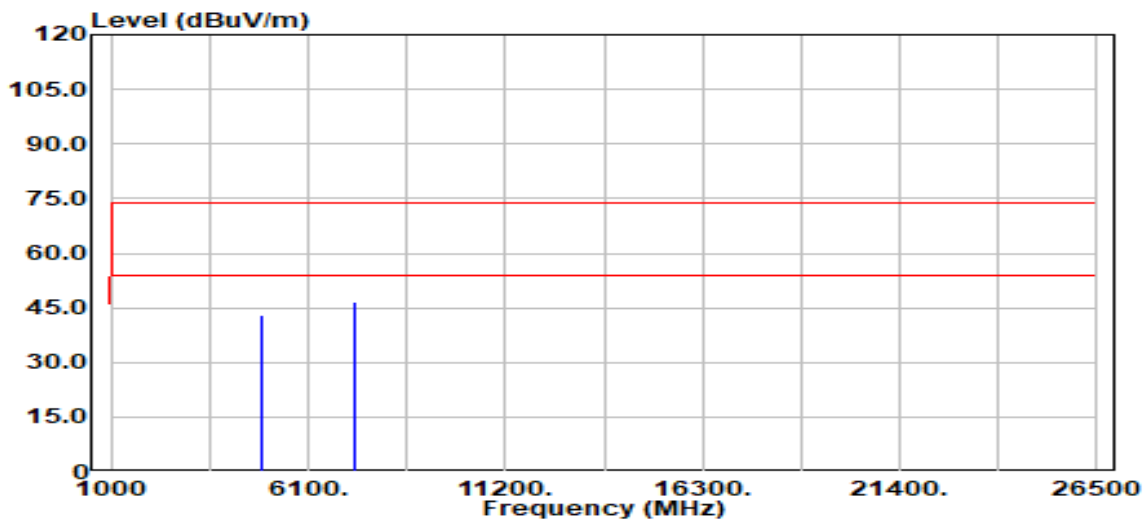


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4874.00	Peak	42.31	0.94	43.24	74.00	-30.76
4874.00	Average	32.89	0.94	33.83	54.00	-20.17
7311.00	Peak	47.06	5.79	52.85	74.00	-21.15
7311.00	Average	36.66	5.79	42.44	54.00	-11.56

Report No.: TMWK2310003857KR

Project No. :TM-2310000293P
Operation Band :802.11g
Frequency :2437 MHz
Operation Mode :TX
EUT Pol :E2
Setting :85(CH0)

Test Date :2023-11-20
Temp./Humi. :23.0/50
Antenna Pol. :HORIZONTAL
Engineer :Czerny Lin
Test Chamber : 966D

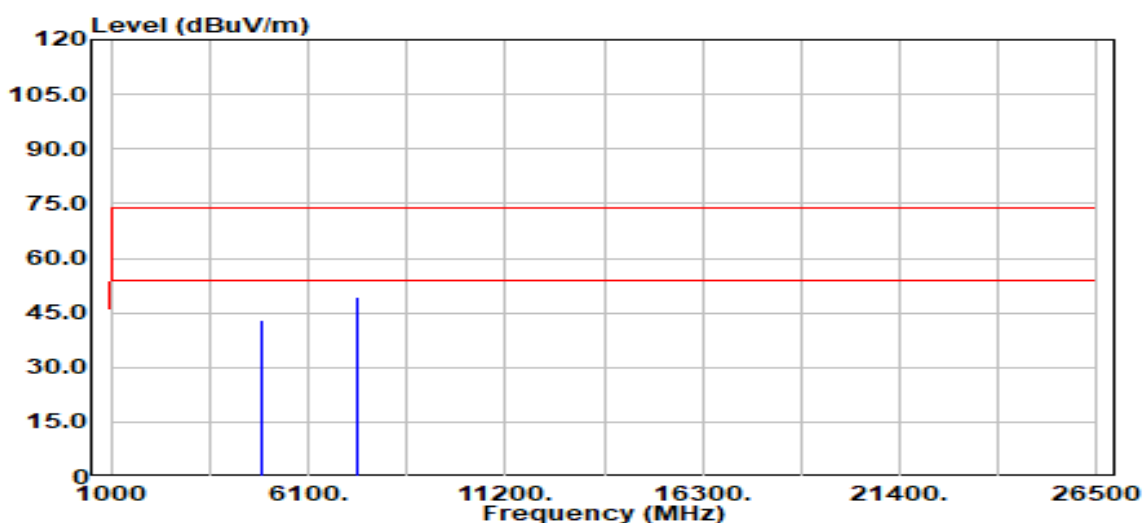


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level d μ V	Factor dB	Actual FS d μ V/m	Limit d μ V/m	Margin dB
4874.00	Peak	41.96	0.94	42.89	74.00	-31.11
4874.00	Average	32.97	0.94	33.91	54.00	-20.09
7311.00	Peak	40.90	5.79	46.69	74.00	-27.31
7311.00	Average	32.88	5.79	38.67	54.00	-15.33

Report No.: TMWK2310003857KR

Project No. :TM-2310000293P
Operation Band :802.11g
Frequency :2462 MHz
Operation Mode :TX
EUT Pol :E2
Setting :83(CH0)

Test Date :2023-11-20
Temp./Humi. :23.0/50
Antenna Pol. :VERTICAL
Engineer :Czerny Lin
Test Chamber : 966D

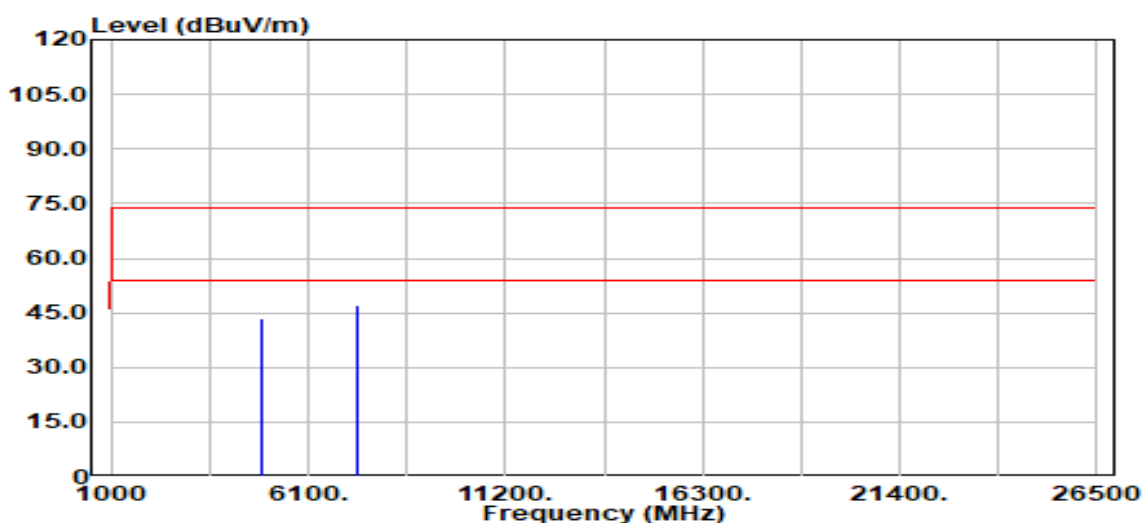


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4924.00	Peak	42.17	0.99	43.15	74.00	-30.85
4924.00	Average	33.84	0.99	34.83	54.00	-19.17
7386.00	Peak	43.56	5.94	49.51	74.00	-24.49
7386.00	Average	34.59	5.94	40.53	54.00	-13.47

Report No.: TMWK2310003857KR

Project No. :TM-2310000293P
Operation Band :802.11g
Frequency :2462 MHz
Operation Mode :TX
EUT Pol :E2
Setting :83(CH0)

Test Date :2023-11-20
Temp./Humi. :23.0/50
Antenna Pol. :HORIZONTAL
Engineer :Czerny Lin
Test Chamber : 966D



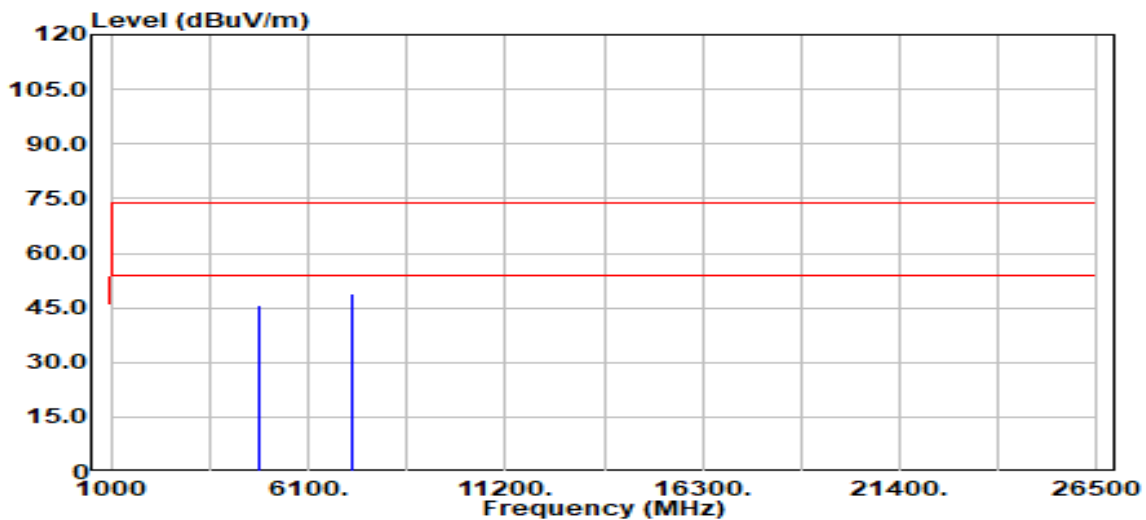
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4924.00	Peak	42.43	0.99	43.42	74.00	-30.58
4924.00	Average	32.93	0.99	33.92	54.00	-20.08
7386.00	Peak	40.96	5.94	46.90	74.00	-27.10
7386.00	Average	32.64	5.94	38.58	54.00	-15.42

Report No.: TMWK2310003857KR

Rev.: 01

Project No. :TM-2310000293P
Operation Band :802.11n20
Frequency :2412 MHz
Operation Mode :TX
EUT Pol :E2
Setting :83/83

Test Date :2023-11-20
Temp./Humi. :23.0/50
Antenna Pol. :VERTICAL
Engineer :Czerny Lin
Test Chamber : 966D

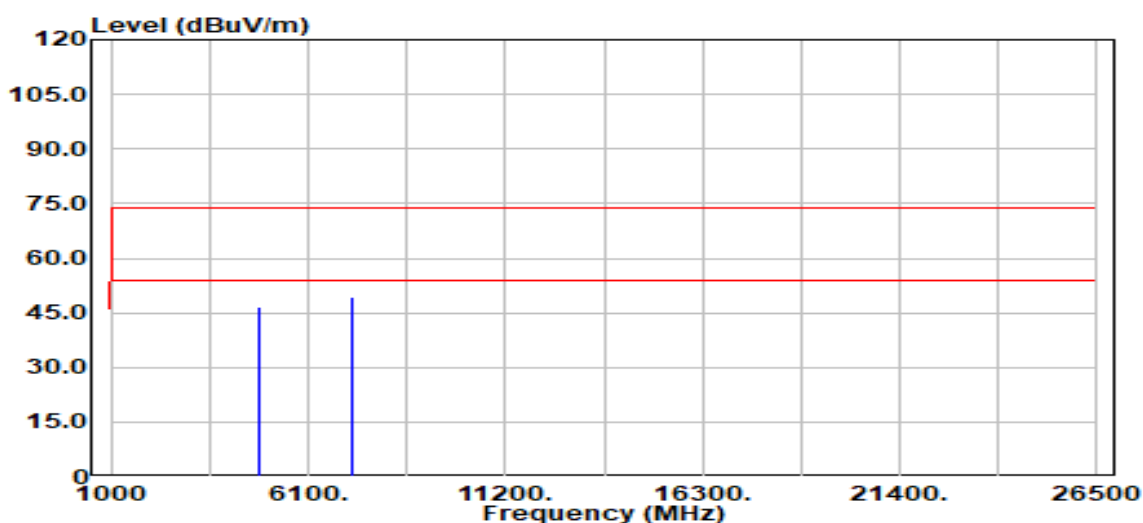


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4824.00	Peak	44.66	0.90	45.56	74.00	-28.44
4824.00	Average	37.43	0.90	38.33	54.00	-15.67
7236.00	Peak	43.11	5.67	48.78	74.00	-25.22
7236.00	Average	34.33	5.67	40.00	54.00	-14.00

Report No.: TMWK2310003857KR

Project No. :TM-2310000293P
Operation Band :802.11n20
Frequency :2412 MHz
Operation Mode :TX
EUT Pol :E2
Setting :83/83

Test Date :2023-11-20
Temp./Humi. :23.0/50
Antenna Pol. :HORIZONTAL
Engineer :Czerny Lin
Test Chamber : 966D

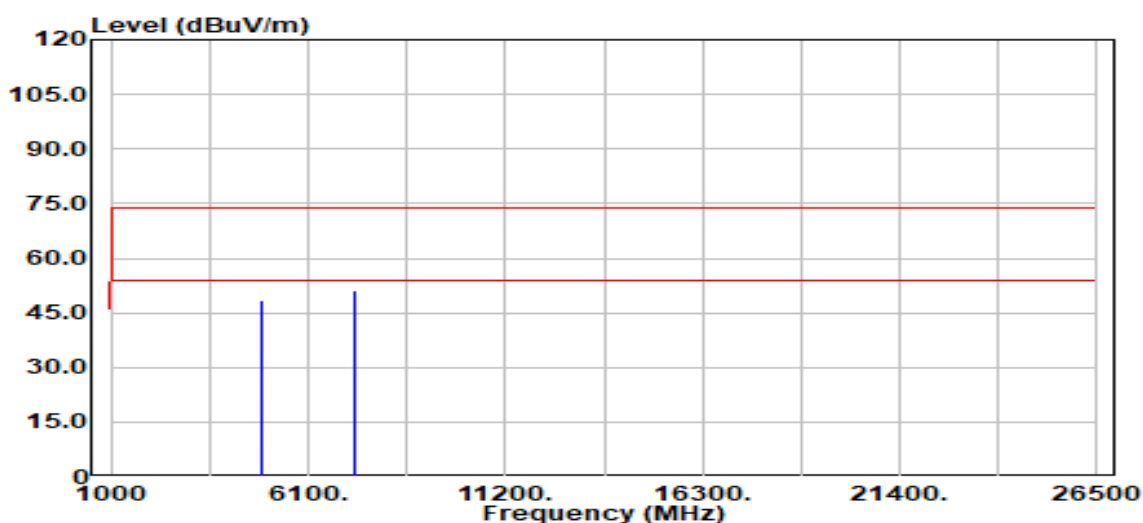


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBuV	Factor dB	Actual FS dBuV/m	Limit dBuV/m	Margin dB
4824.00	Peak	45.63	0.90	46.53	74.00	-27.47
4824.00	Average	36.38	0.90	37.28	54.00	-16.72
7236.00	Peak	43.47	5.67	49.15	74.00	-24.85
7236.00	Average	33.02	5.67	38.69	54.00	-15.31

Report No.: TMWK2310003857KR

Project No. :TM-2310000293P
Operation Band :802.11n20
Frequency :2437 MHz
Operation Mode :TX
EUT Pol :E2
Setting :87/87

Test Date :2023-11-20
Temp./Humi. :23.0/50
Antenna Pol. :Vertical
Engineer :Czerny Lin
Test Chamber : 966D

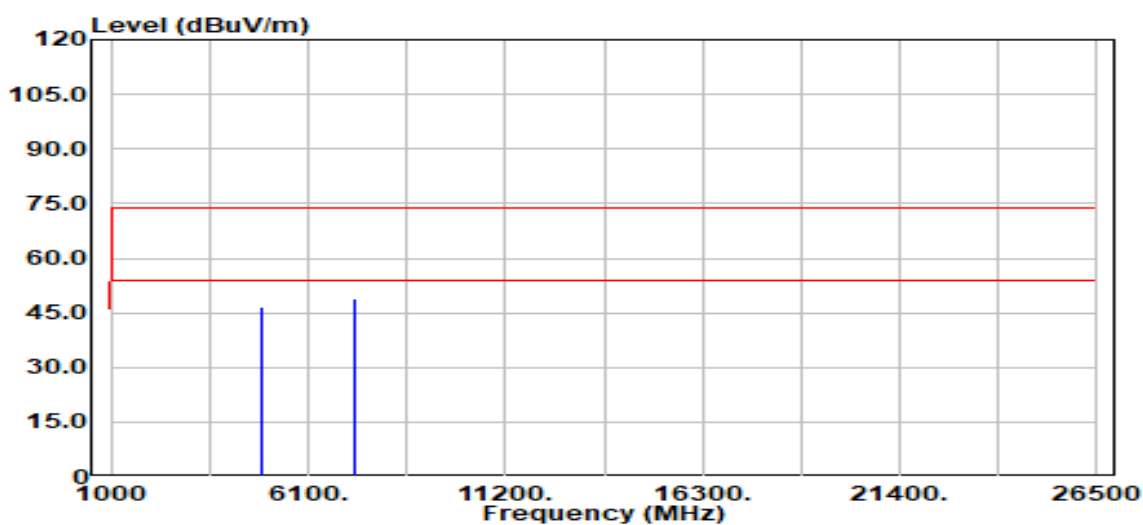


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4874.00	Peak	47.37	0.94	48.30	74.00	-25.70
4874.00	Average	37.93	0.94	38.87	54.00	-15.13
7311.00	Peak	45.58	5.79	51.37	74.00	-22.63
7311.00	Average	35.90	5.79	41.69	54.00	-12.31

Report No.: TMWK2310003857KR

Project No. :TM-2310000293P
Operation Band :802.11n20
Frequency :2437 MHz
Operation Mode :TX
EUT Pol :E2
Setting :87/87

Test Date :2023-11-20
Temp./Humi. :23.0/50
Antenna Pol. :HORIZONTAL
Engineer :Czerny Lin
Test Chamber : 966D



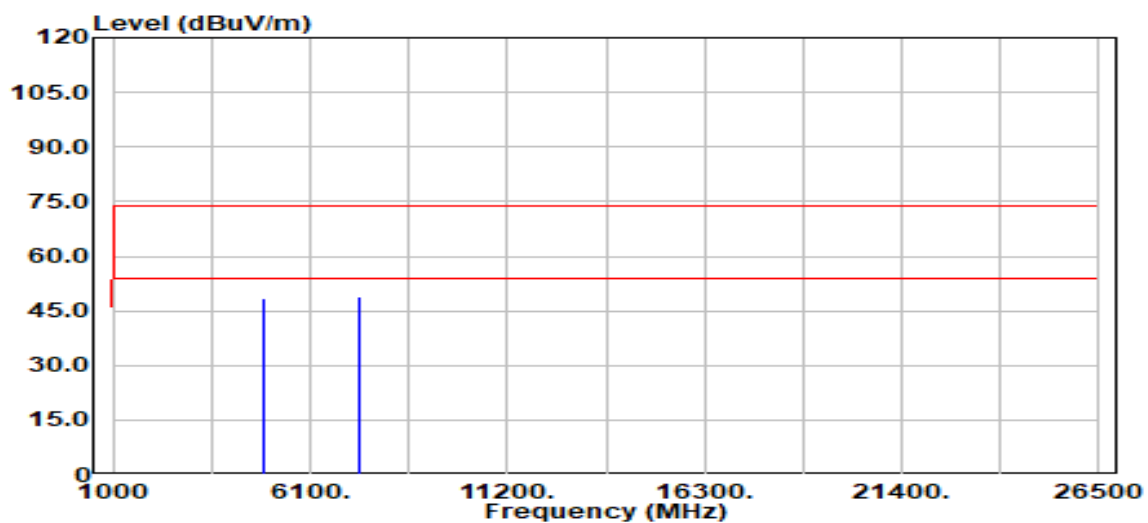
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4874.00	Peak	45.54	0.94	46.48	74.00	-27.52
4874.00	Average	36.30	0.94	37.24	54.00	-16.76
7311.00	Peak	43.30	5.79	49.09	74.00	-24.91
7311.00	Average	33.72	5.79	39.51	54.00	-14.49

Report No.: TMWK2310003857KR

Rev.: 01

Project No. :TM-2310000293P
Operation Band :802.11n20
Frequency :2462 MHz
Operation Mode :TX
EUT Pol :E2
Setting :79/75

Test Date :2023-11-20
Temp./Humi. :23.0/50
Antenna Pol. :VERTICAL
Engineer :Czerny Lin
Test Chamber : 966D

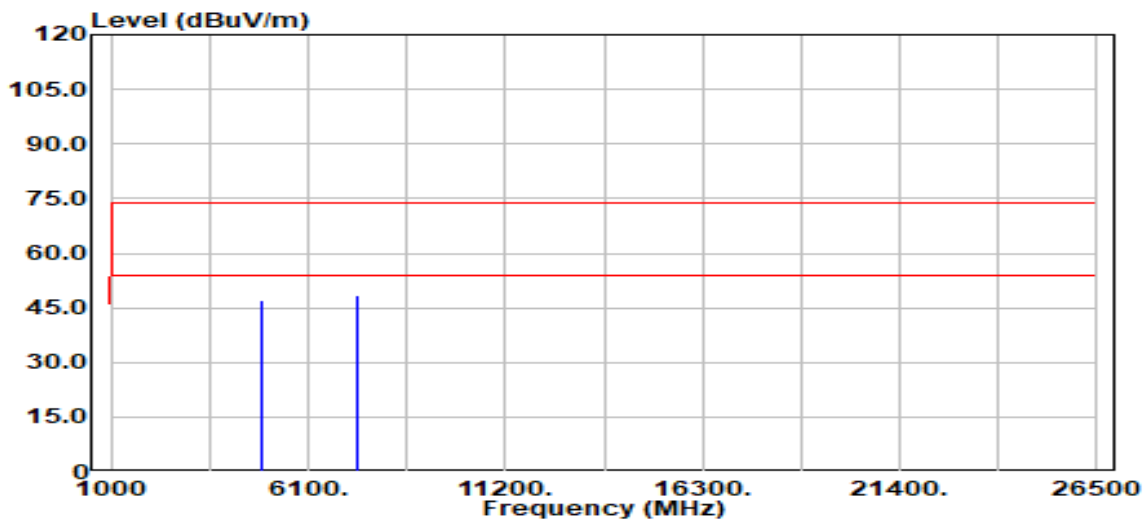


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4924.00	Peak	47.62	0.99	48.60	74.00	-25.40
4924.00	Average	38.21	0.99	39.20	54.00	-14.80
7386.00	Peak	42.87	5.94	48.82	74.00	-25.18
7386.00	Average	33.54	5.94	39.48	54.00	-14.52

Report No.: TMWK2310003857KR

Project No. :TM-2310000293P
Operation Band :802.11n20
Frequency :2462 MHz
Operation Mode :TX
EUT Pol :E2
Setting :79/75

Test Date :2023-11-20
Temp./Humi. :23.0/50
Antenna Pol. :HORIZONTAL
Engineer :Czerny Lin
Test Chamber : 966D

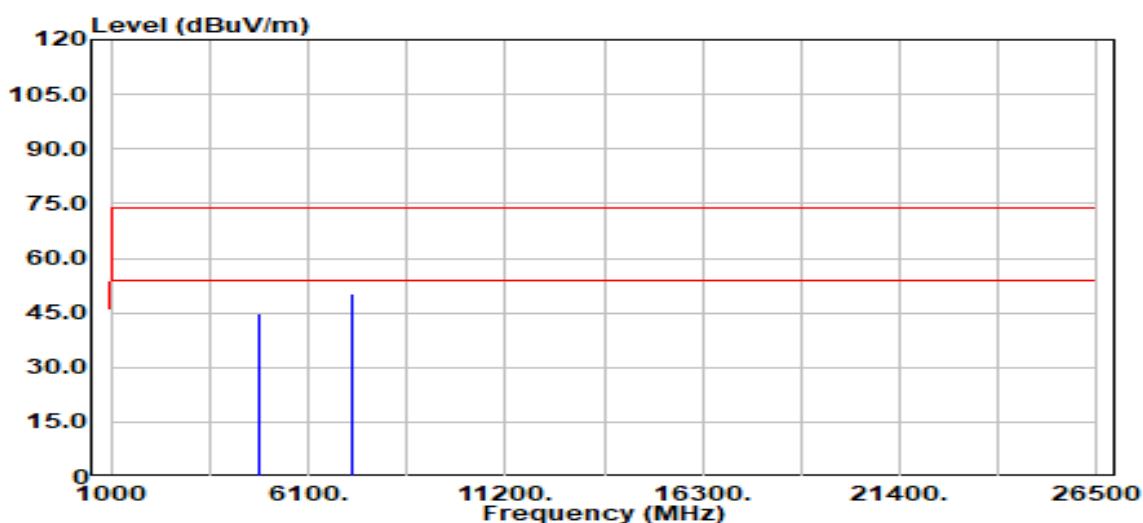


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4924.00	Peak	46.09	0.99	47.08	74.00	-26.92
4924.00	Average	38.35	0.99	39.34	54.00	-14.66
7386.00	Peak	42.60	5.94	48.55	74.00	-25.45
7386.00	Average	32.51	5.94	38.45	54.00	-15.55

Report No.: TMWK2310003857KR

Project No. :TM-2310000293P
Operation Band :802.11n40
Frequency :2422 MHz
Operation Mode :TX
EUT Pol :E2
Setting :78/78

Test Date :2023-11-21
Temp./Humi. :24.1/51
Antenna Pol. :VERTICAL
Engineer :Czerny Lin
Test Chamber : 966D

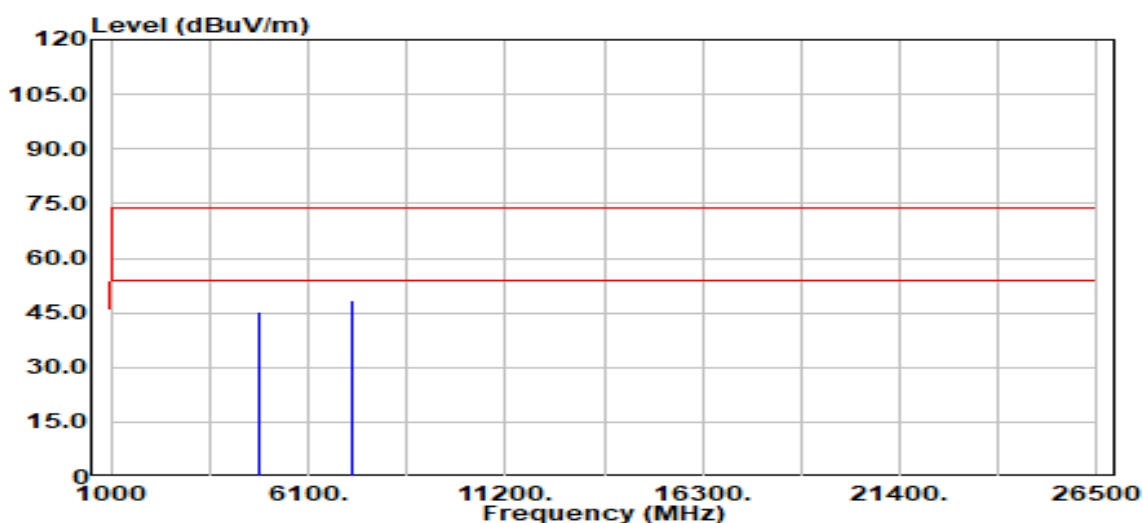


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4844.00	Peak	43.76	0.91	44.67	74.00	-29.33
4844.00	Average	35.70	0.91	36.61	54.00	-17.39
7266.00	Peak	44.44	5.72	50.16	74.00	-23.84
7266.00	Average	33.06	5.72	38.78	54.00	-15.22

Report No.: TMWK2310003857KR

Project No. :TM-2310000293P
Operation Band :802.11n40
Frequency :2422 MHz
Operation Mode :TX
EUT Pol :E2
Setting :78/78

Test Date :2023-11-21
Temp./Humi. :24.1/51
Antenna Pol. :HORIZONTAL
Engineer :Czerny Lin
Test Chamber : 966D

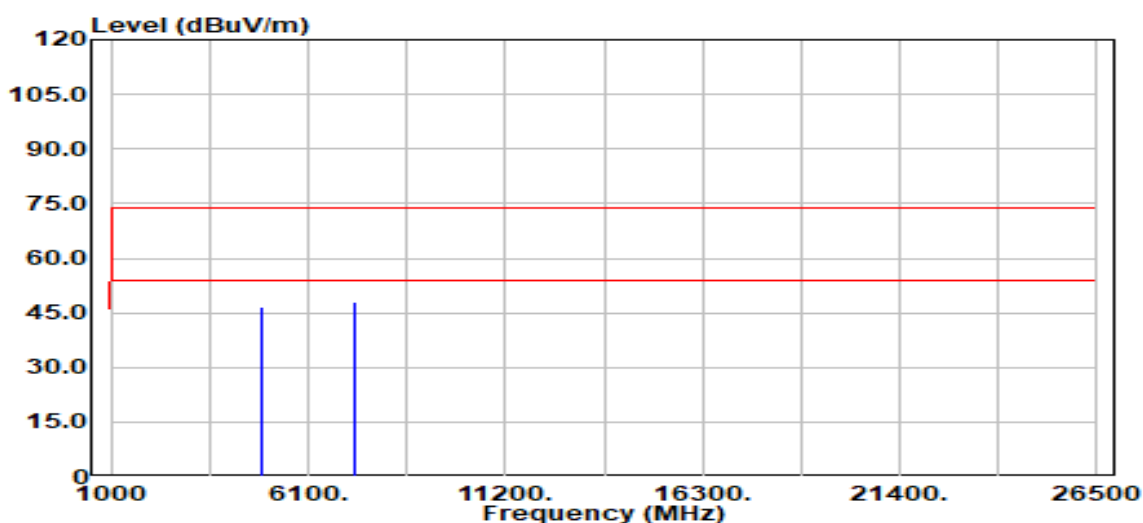


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4844.00	Peak	44.35	0.91	45.26	74.00	-28.74
4844.00	Average	35.02	0.91	35.93	54.00	-18.07
7266.00	Peak	42.57	5.72	48.29	74.00	-25.71
7266.00	Average	33.17	5.72	38.89	54.00	-15.11

Report No.: TMWK2310003857KR

Project No. :TM-2310000293P
Operation Band :802.11n40
Frequency :2437 MHz
Operation Mode :TX
EUT Pol :E2
Setting :87/87

Test Date :2023-11-21
Temp./Humi. :24.1/51
Antenna Pol. :VERTICAL
Engineer :Czerny Lin
Test Chamber : 966D

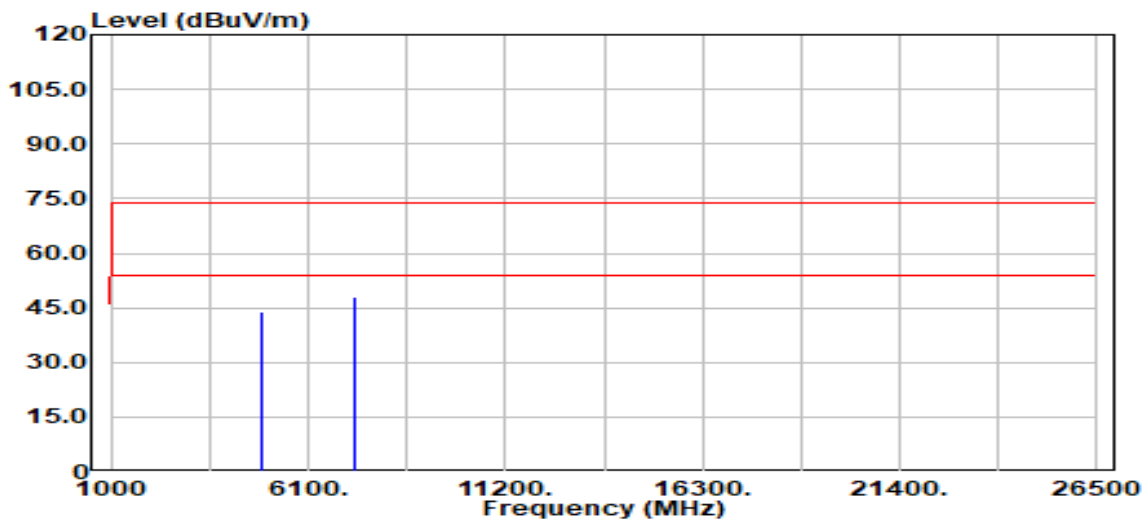


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4874.00	Peak	45.57	0.94	46.51	74.00	-27.49
4874.00	Average	36.86	0.94	37.80	54.00	-16.20
7311.00	Peak	42.17	5.79	47.95	74.00	-26.05
7311.00	Average	33.98	5.79	39.77	54.00	-14.23

Report No.: TMWK2310003857KR

Project No. :TM-2310000293P
Operation Band :802.11n40
Frequency :2437 MHz
Operation Mode :TX
EUT Pol :E2
Setting :87/87

Test Date :2023-11-21
Temp./Humi. :24.1/51
Antenna Pol. :HORIZONTAL
Engineer :Czerny Lin
Test Chamber : 966D

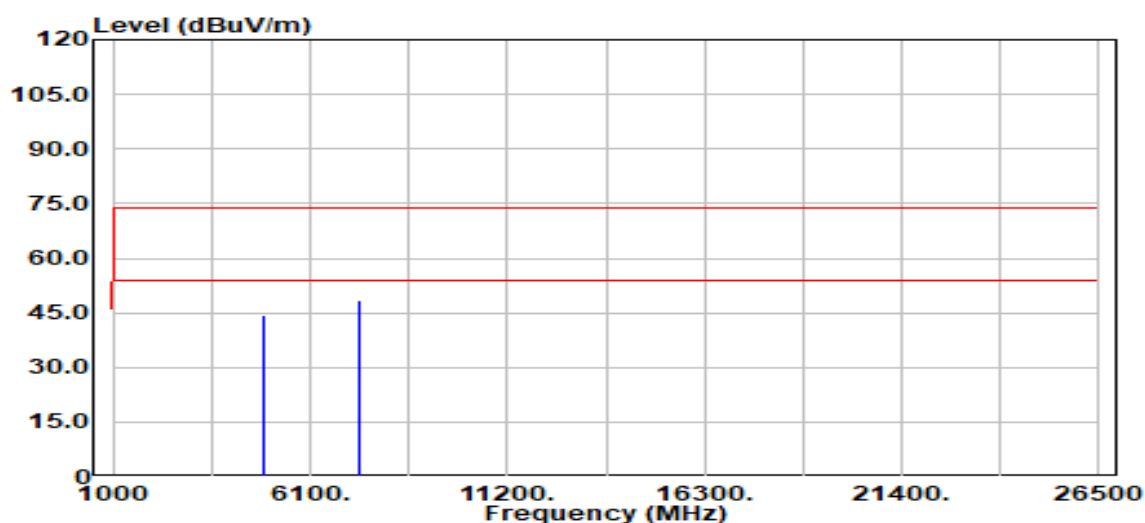


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4874.00	Peak	43.04	0.94	43.98	74.00	-30.02
4874.00	Average	35.71	0.94	36.64	54.00	-17.36
7311.00	Peak	42.16	5.79	47.95	74.00	-26.05
7311.00	Average	33.48	5.79	39.27	54.00	-14.73

Report No.: TMWK2310003857KR

Project No. :TM-2310000293P
Operation Band :802.11n40
Frequency :2452 MHz
Operation Mode :TX
EUT Pol :E2
Setting :76/73

Test Date :2023-11-21
Temp./Humi. :24.1/54
Antenna Pol. :VERTICAL
Engineer :Czerny Lin
Test Chamber : 966D

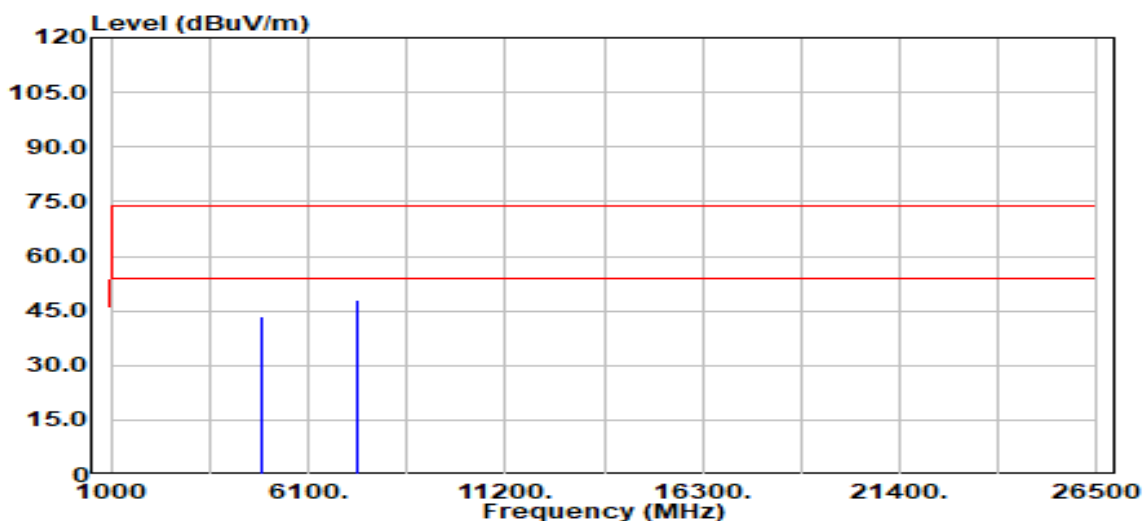


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4904.00	Peak	43.46	0.97	44.43	74.00	-29.57
4904.00	Average	35.48	0.97	36.45	54.00	-17.55
7356.00	Peak	42.46	5.80	48.26	74.00	-25.74
7356.00	Average	32.96	5.80	38.76	54.00	-15.24

Report No.: TMWK2310003857KR

Project No. :TM-2310000293P
Operation Band :802.11n40
Frequency :2452 MHz
Operation Mode :TX
EUT Pol :E2
Setting :76/73

Test Date :2023-11-21
Temp./Humi. :24.1/54
Antenna Pol. :HORIZONTAL
Engineer :Czerny Lin
Test Chamber : 966D



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4904.00	Peak	42.48	0.97	43.46	74.00	-30.54
4904.00	Average	35.14	0.97	36.11	54.00	-17.89
7356.00	Peak	42.08	5.80	47.88	74.00	-26.12
7356.00	Average	33.02	5.80	38.82	54.00	-15.18

- End of Test Report -