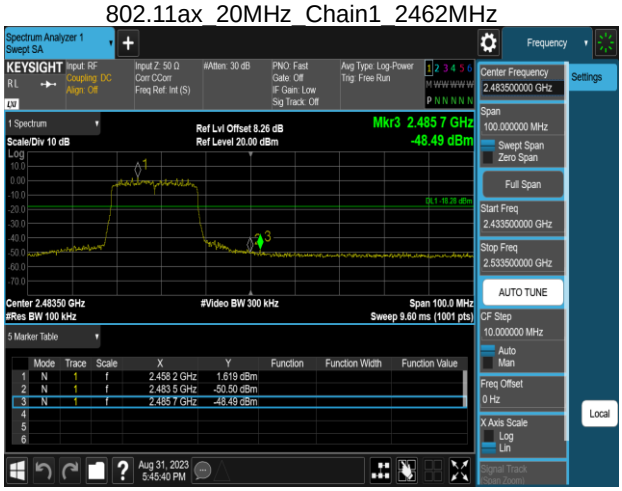
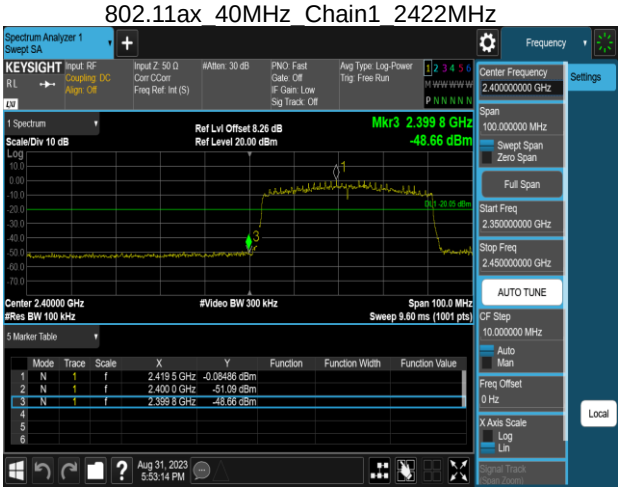
802.11ax_20MHz_Chain1_2412MHz

802.11ax_40MHz_Chain0_2452MHz

802.11ax_20MHz_Chain1_2462MHz

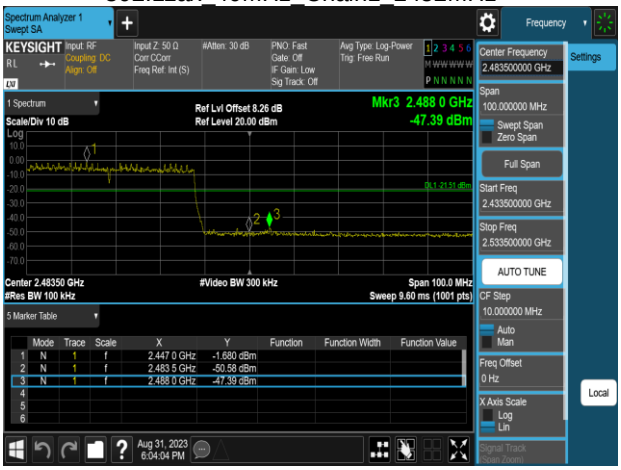


802.11ax_40MHz_Chain1_2422MHz



802.11ax_40MHz_Chain0_2422MHz

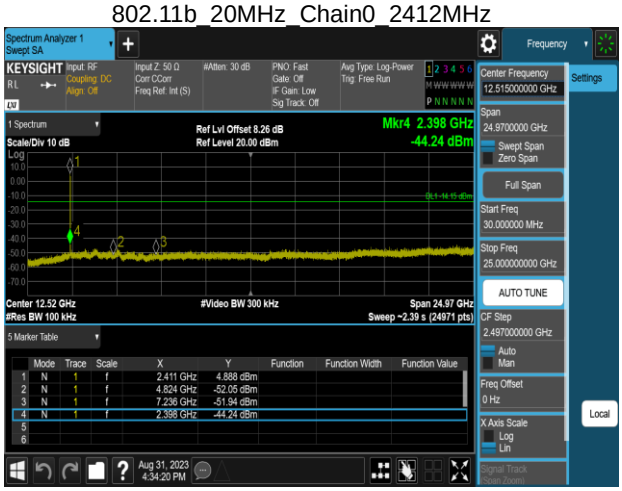
802.11ax_40MHz_Chain1_2452MHz



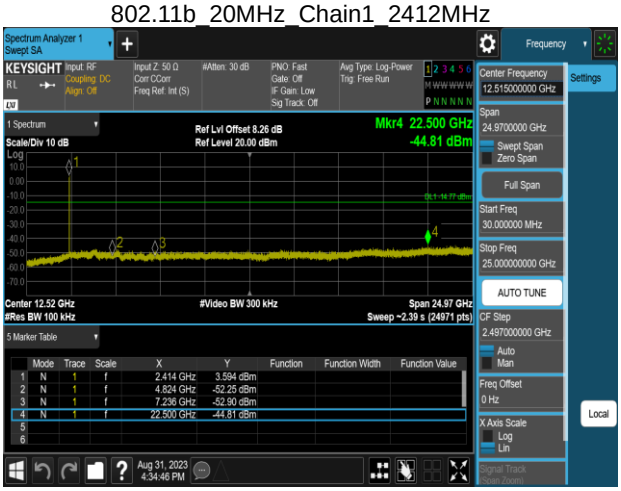
This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。

Spurious_Emission

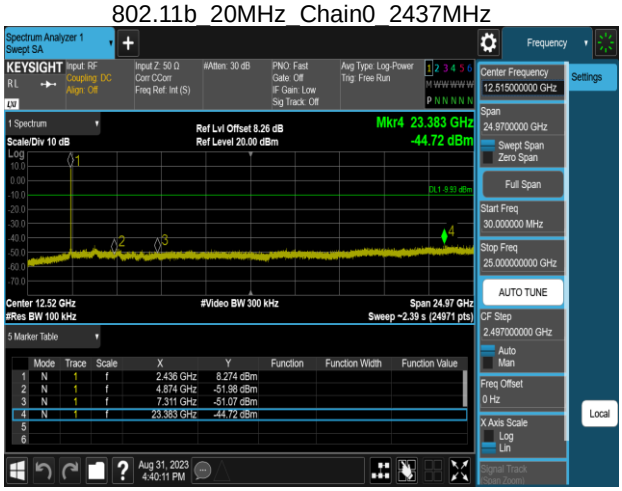
802.11b_20MHz_Chain0_2412MHz



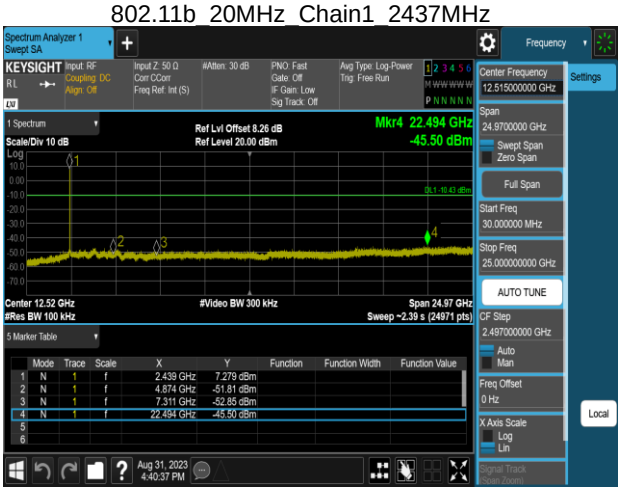
802.11b_20MHz_Chain1_2412MHz



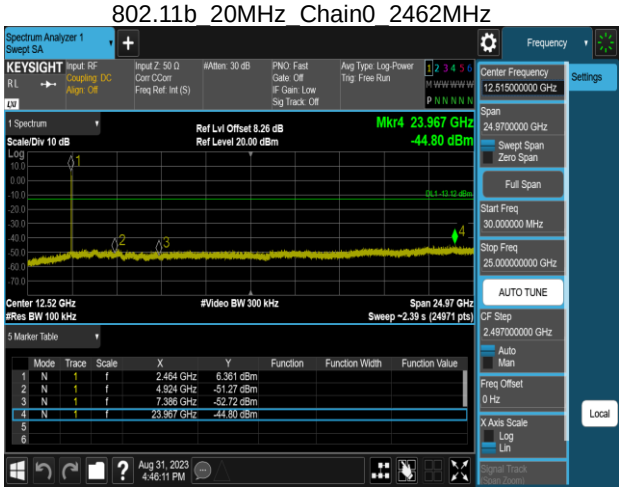
802.11b_20MHz_Chain0_2437MHz



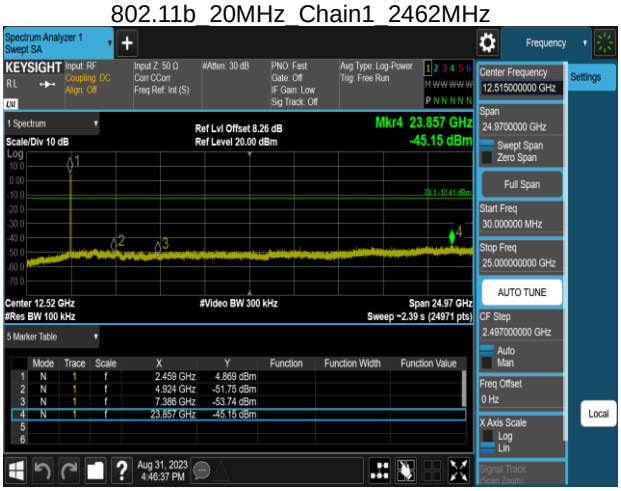
802.11b_20MHz_Chain1_2437MHz



802.11b_20MHz_Chain0_2462MHz

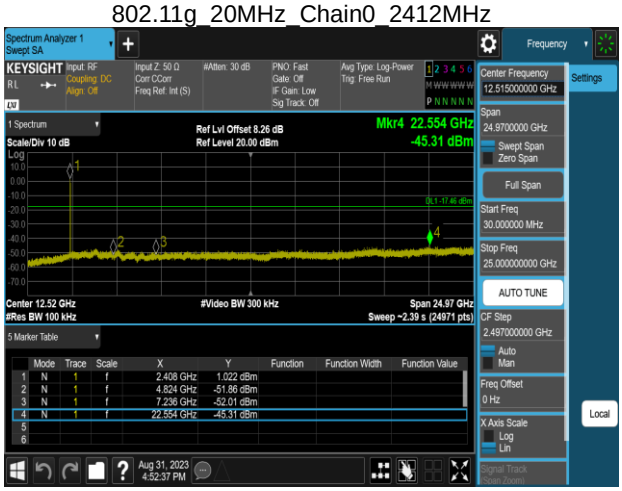


802.11b_20MHz_Chain1_2462MHz

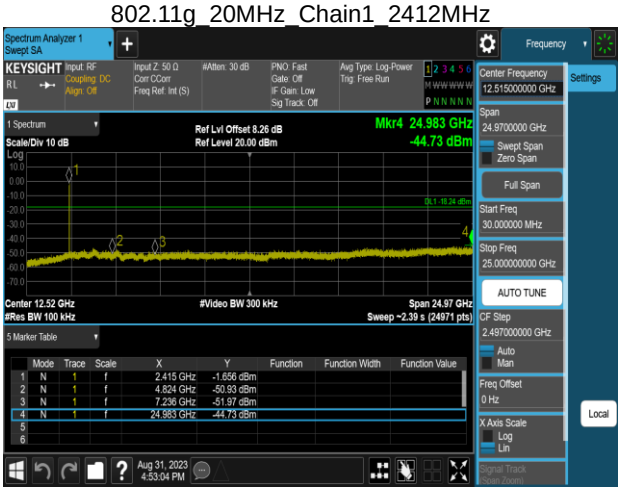


This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。

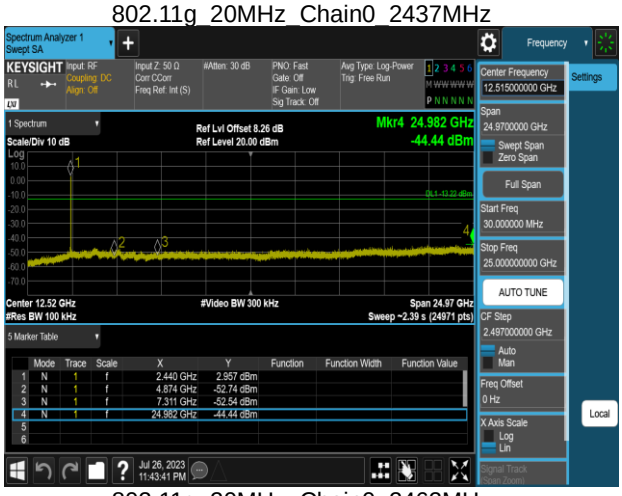
802.11g_20MHz_Chain0_2412MHz



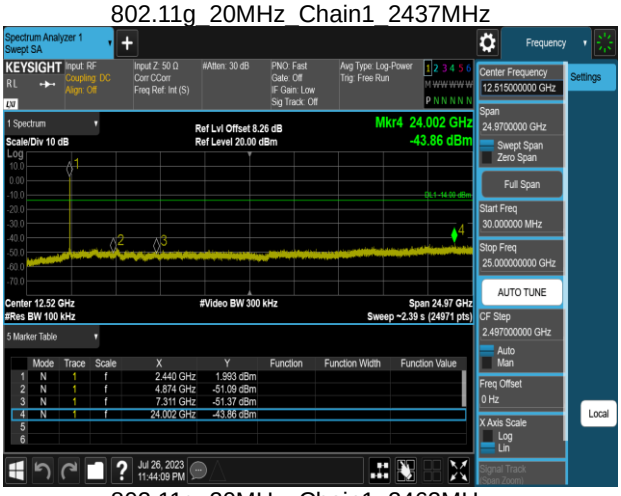
802.11g_20MHz_Chain1_2412MHz



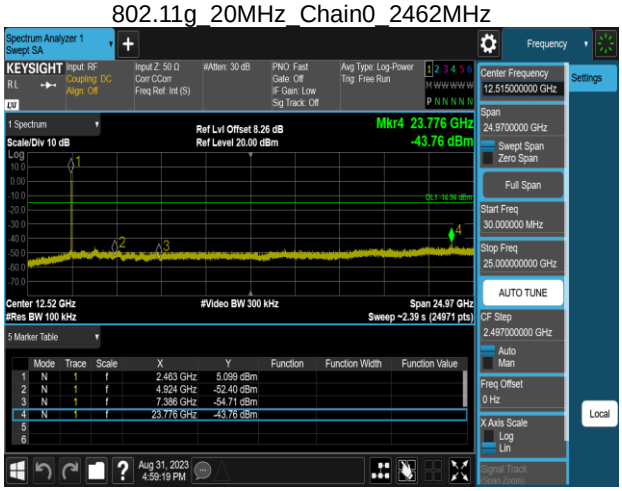
802.11g_20MHz_Chain0_2437MHz



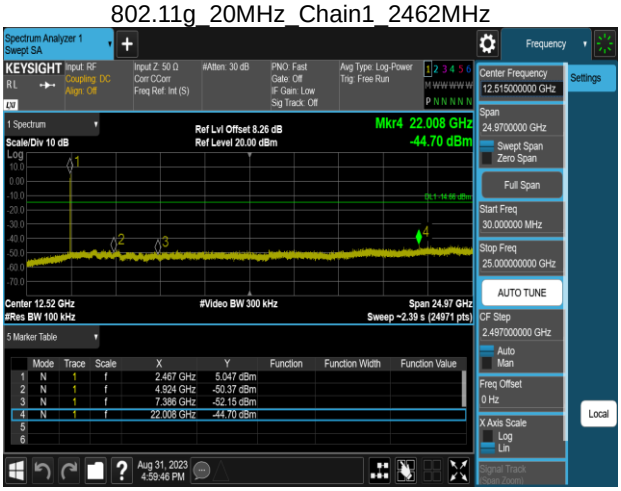
802.11g_20MHz_Chain1_2437MHz



802.11g_20MHz_Chain0_2462MHz

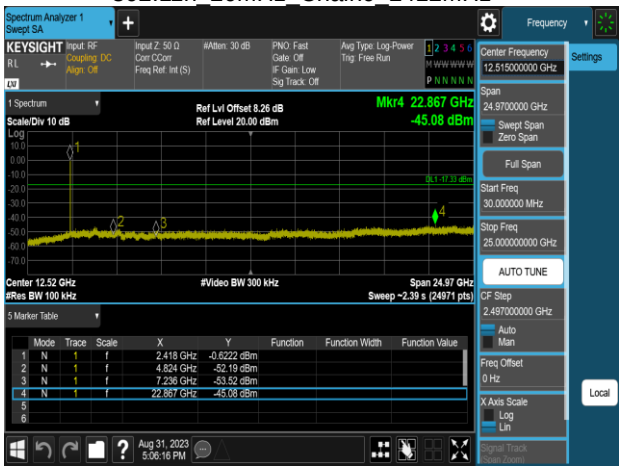


802.11g_20MHz_Chain1_2462MHz

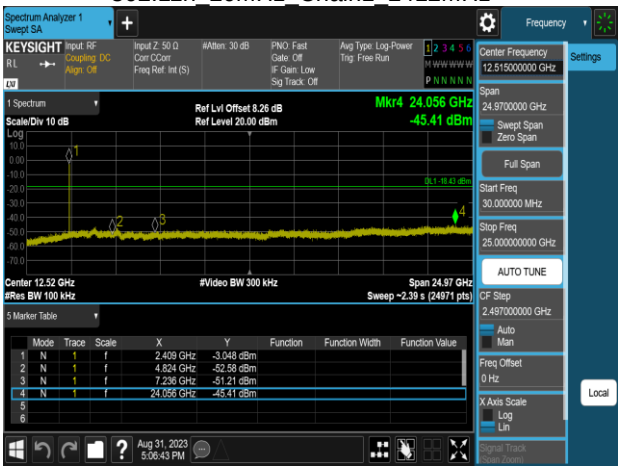


This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。

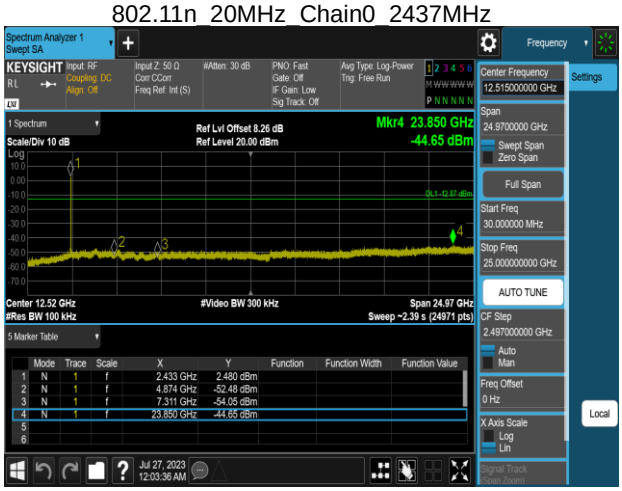
802.11n_20MHz_Chain0_2412MHz



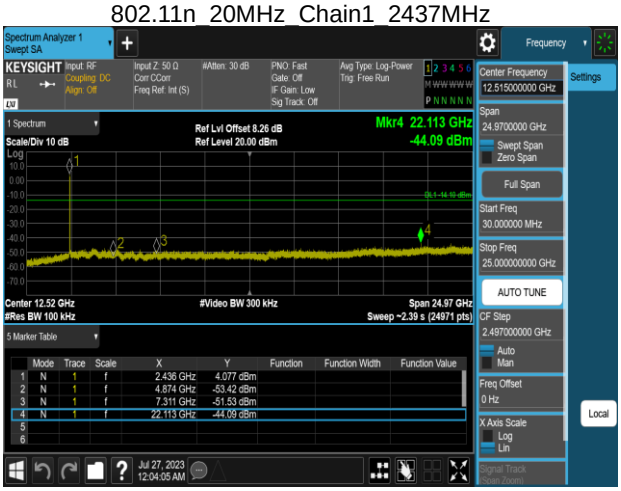
802.11n_20MHz_Chain1_2412MHz



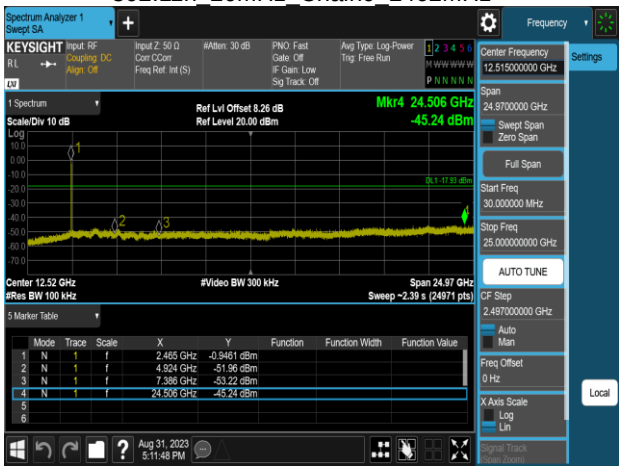
802.11n_20MHz_Chain0_2437MHz



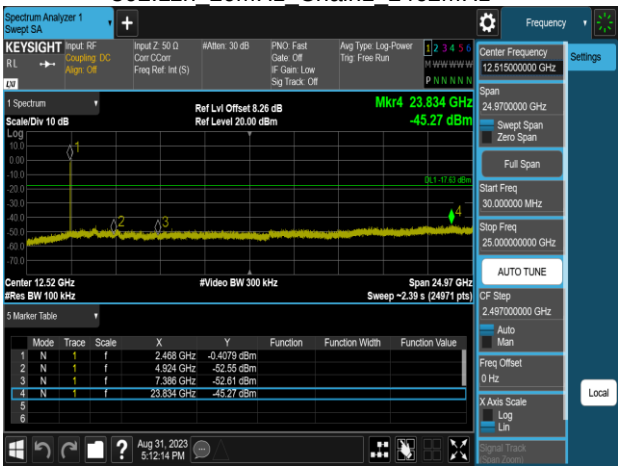
802.11n_20MHz_Chain1_2437MHz



802.11n_20MHz_Chain0_2462MHz

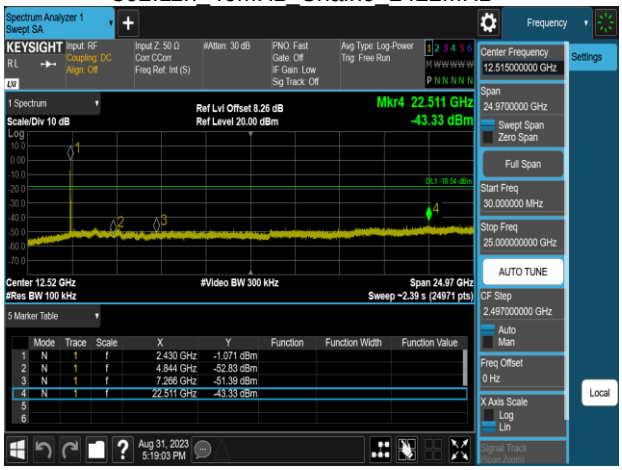


802.11n_20MHz_Chain1_2462MHz

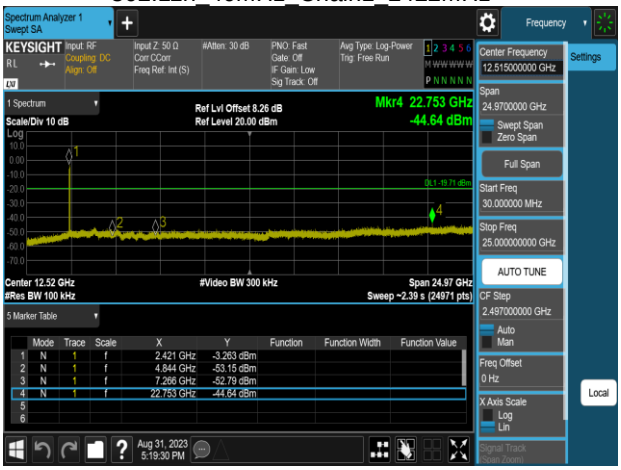


This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。

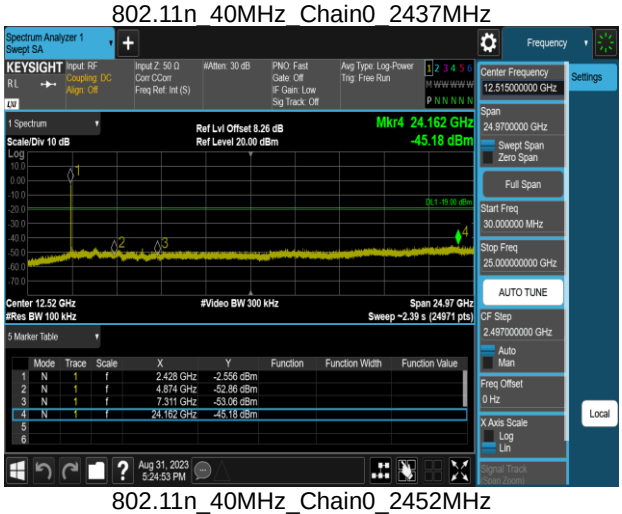
802.11n_40MHz_Chain0_2422MHz



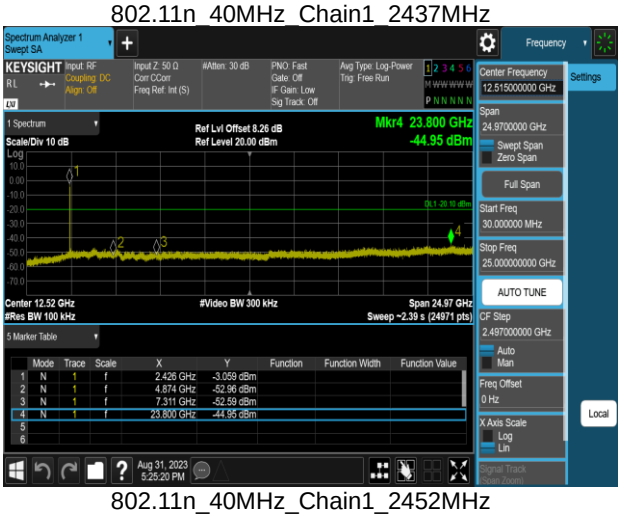
802.11n_40MHz_Chain1_2422MHz



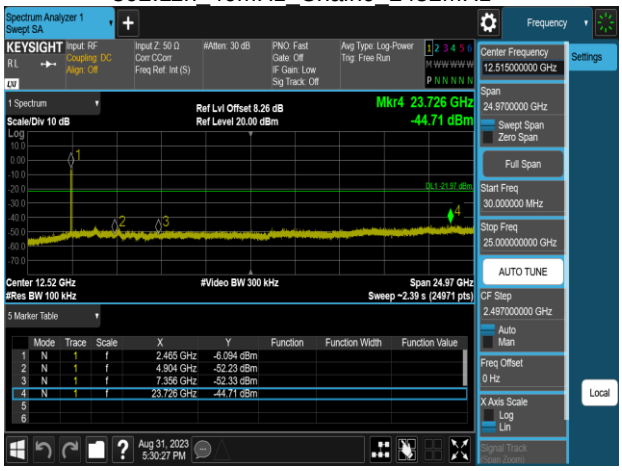
802.11n_40MHz_Chain0_2437MHz



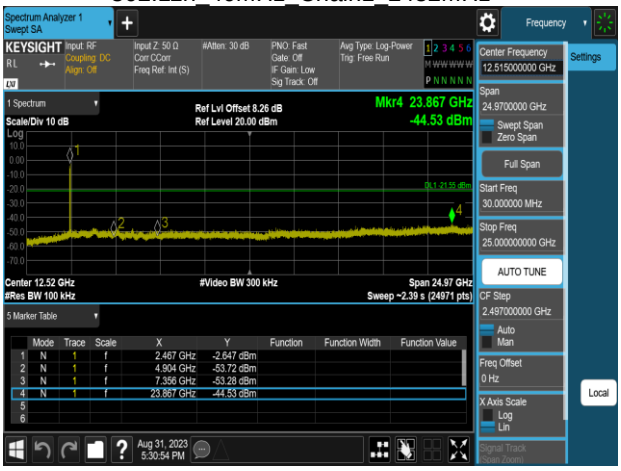
802.11n_40MHz_Chain1_2437MHz



802.11n_40MHz_Chain0_2452MHz

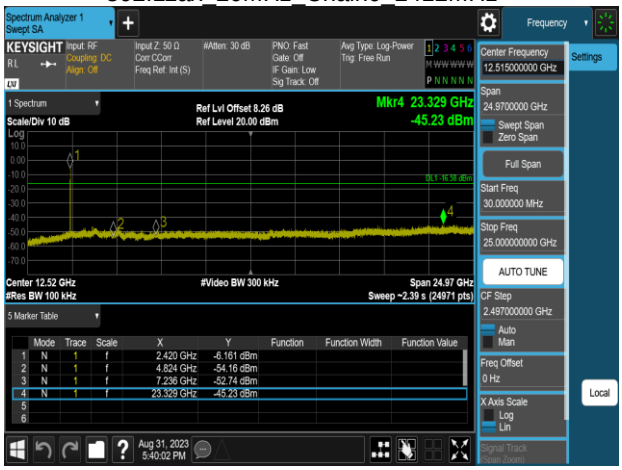


802.11n_40MHz_Chain1_2452MHz

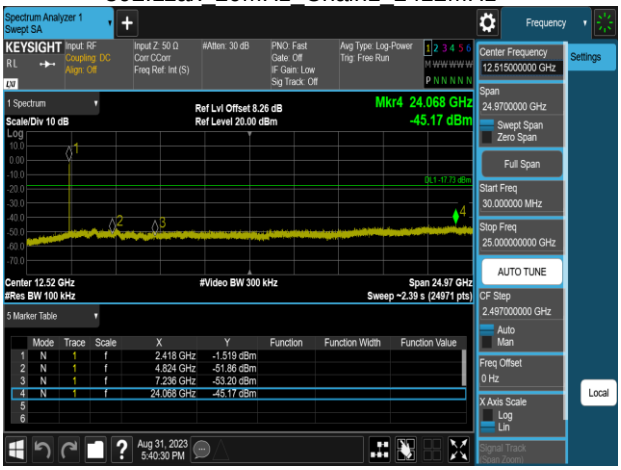


This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。

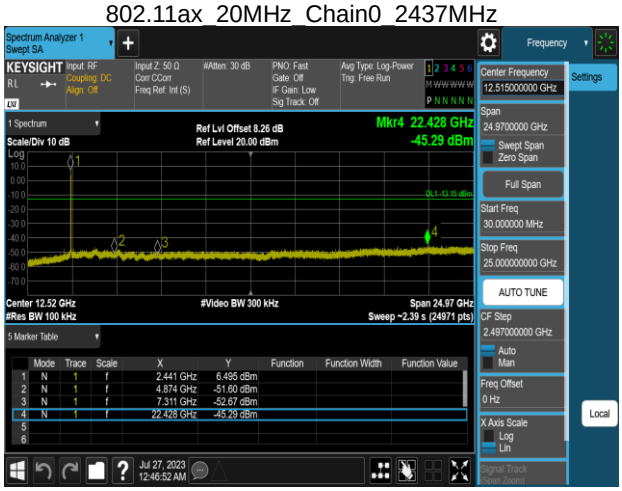
802.11ax_20MHz_Chain0_2412MHz



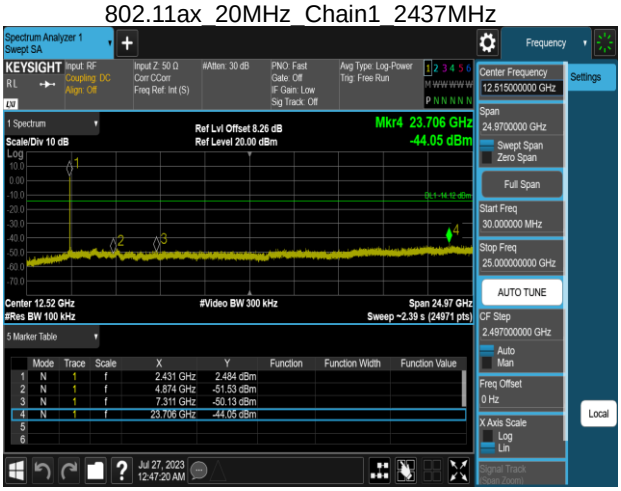
802.11ax_20MHz_Chain1_2412MHz



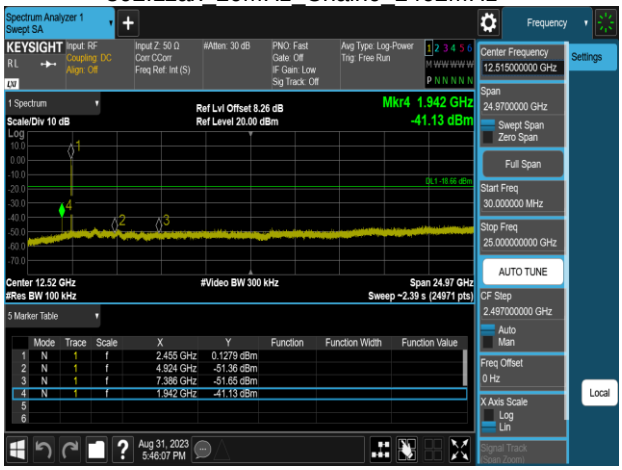
802.11ax_20MHz_Chain0_2437MHz



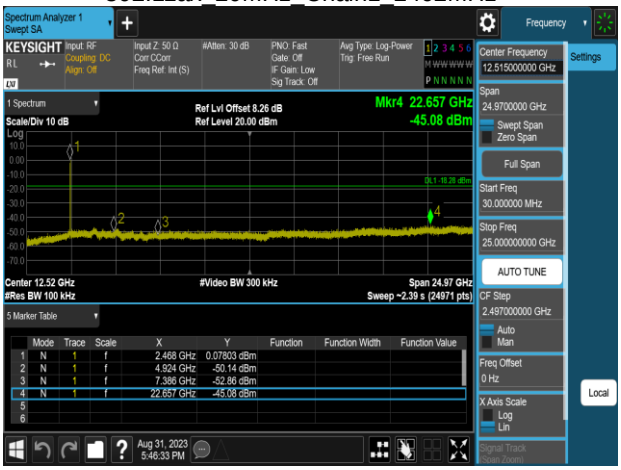
802.11ax_20MHz_Chain1_2437MHz



802.11ax_20MHz_Chain0_2462MHz

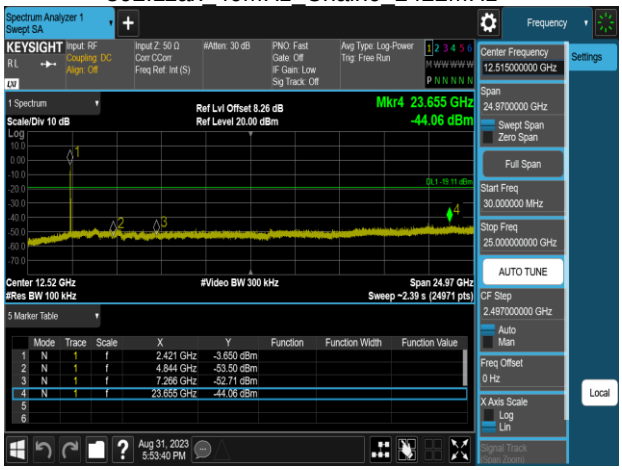


802.11ax_20MHz_Chain1_2462MHz

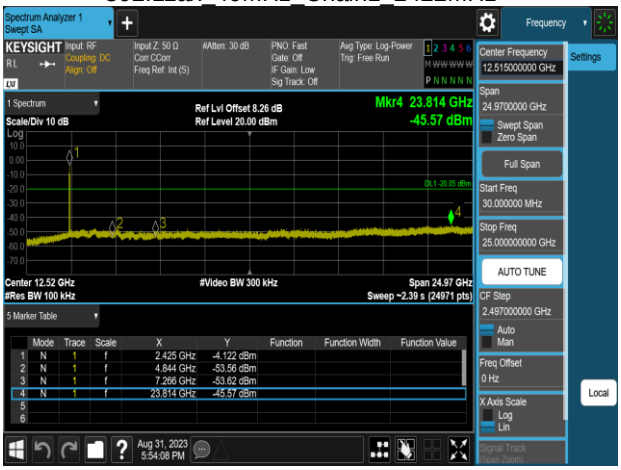


This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。

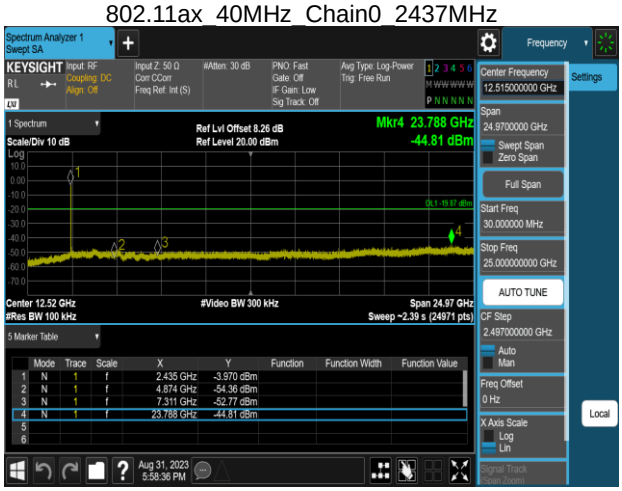
802.11ax_40MHz_Chain0_2422MHz



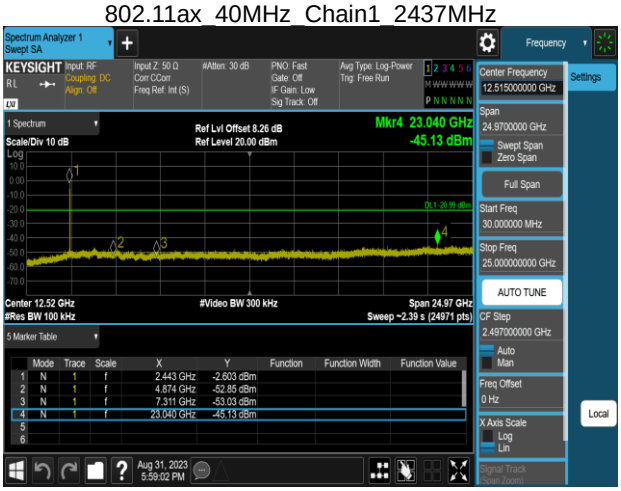
802.11ax_40MHz_Chain1_2422MHz



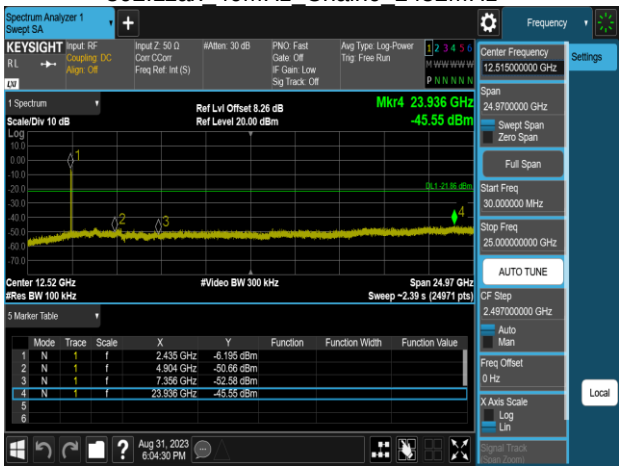
802.11ax_40MHz_Chain0_2437MHz



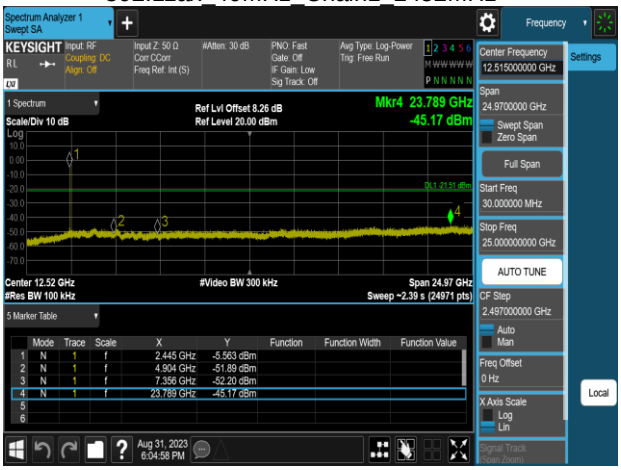
802.11ax_40MHz_Chain1_2437MHz



802.11ax_40MHz_Chain0_2452MHz



802.11ax_40MHz_Chain1_2452MHz



This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。

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 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.

This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。

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 ≥ 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：

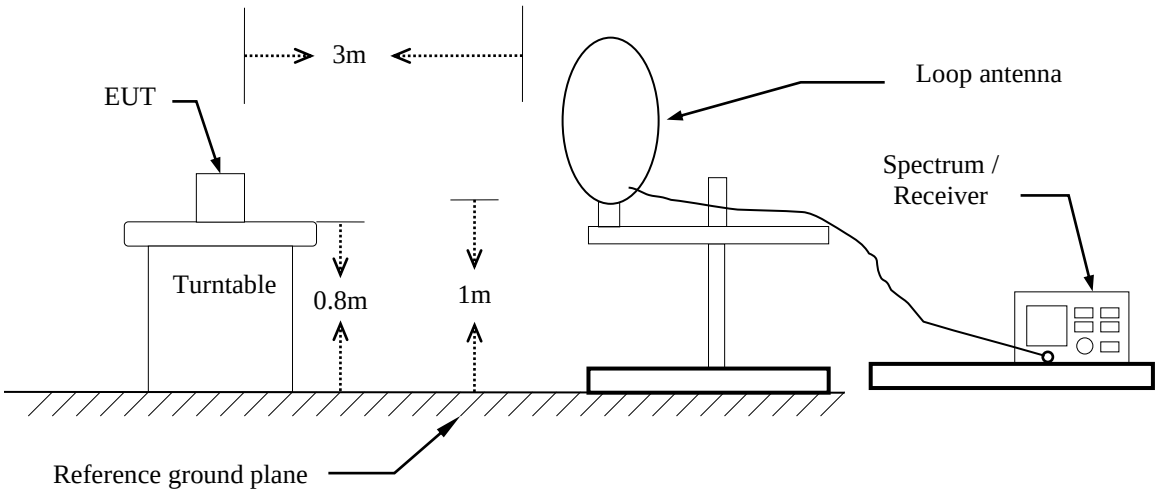
Actual FS=Spectrum Reading Level + Factor

Margin=Actual FS- Limit

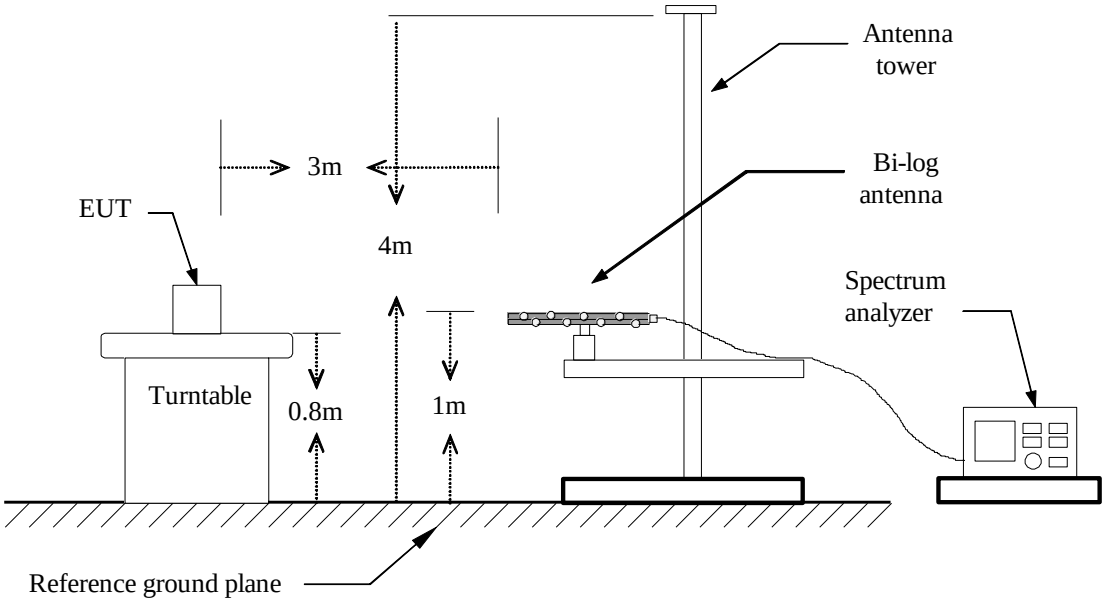
This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。

5.6.3 Test Setup

9kHz ~ 30MHz

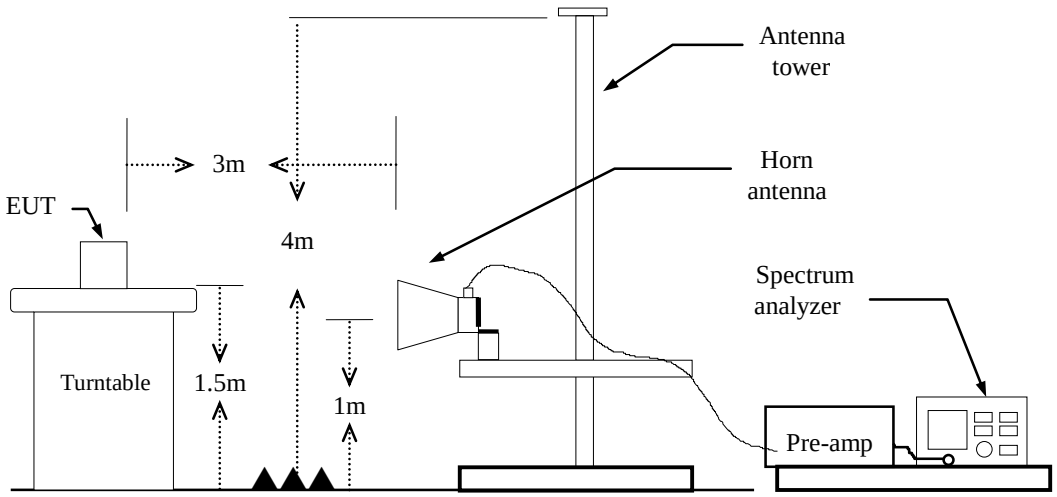


30MHz ~ 1GHz



This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。

Above 1 GHz

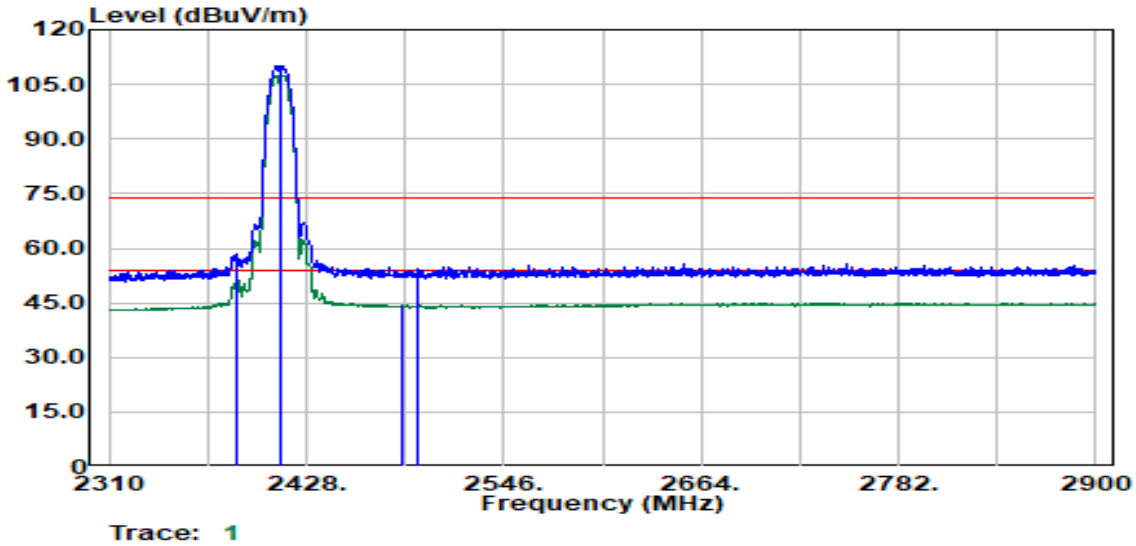


This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。

5.6.4 Test Result

Band Edge Test Data

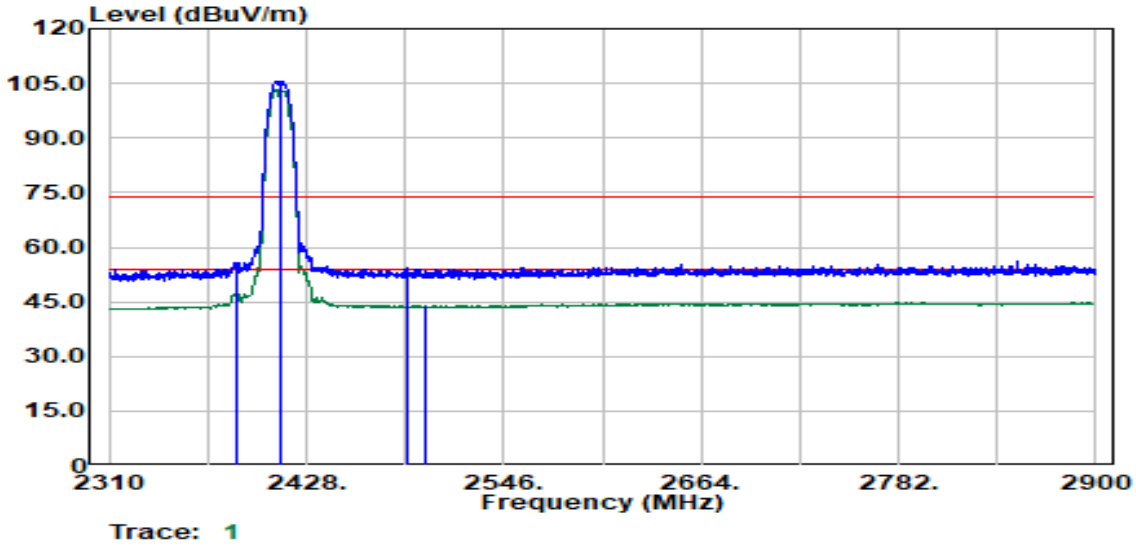
Report Number	:TMWK2307002435KR	Test Date	:2023-08-23
Operation Band	:802.11b	Temp./Humi.	:24.6/60
Frequency	:2412 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E2	Test Chamber	: 966D
Setting	:16		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2386.03	Peak	53.49	4.80	58.29	74.00	-15.71
2387.03	Average	48.20	4.80	53.01	54.00	-0.99
2412.00	Peak	105.52	4.54	110.05	--	--
2412.00	Average	102.93	4.54	107.46	--	--
2484.82	Average	39.67	4.60	44.27	54.00	-9.73
2494.58	Peak	49.76	4.59	54.36	74.00	-19.64

This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。

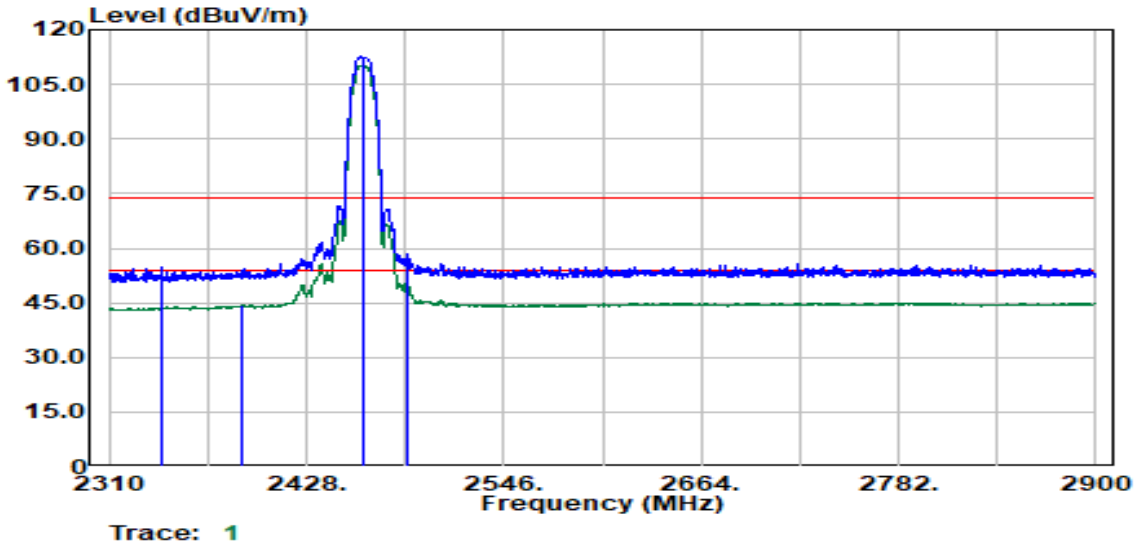
Report Number	:TMWK2307002435KR	Test Date	:2023-08-23
Operation Band	:802.11b	Temp./Humi.	:24.6/60
Frequency	:2412 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E2	Test Chamber	: 966D
Setting	:16		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2385.53	Peak	50.75	4.80	55.55	74.00	-18.45
2385.53	Average	42.76	4.80	47.56	54.00	-6.44
2412.00	Peak	101.15	4.54	105.69	--	--
2412.00	Average	98.62	4.54	103.16	--	--
2489.08	Peak	49.97	4.56	54.53	74.00	-19.47
2498.58	Average	39.29	4.64	43.93	54.00	-10.07

This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。

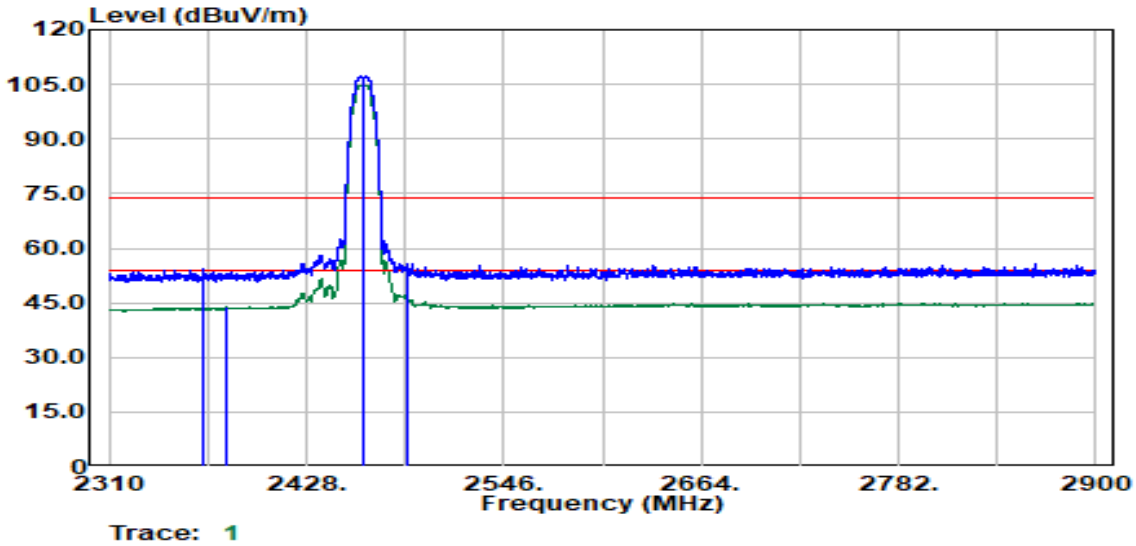
Report Number	:TMWK2307002435KR	Test Date	:2023-08-23
Operation Band	:802.11b	Temp./Humi.	:24.6/60
Frequency	:2462 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E2	Test Chamber	: 966D
Setting	:17		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2341.51	Peak	49.94	4.79	54.73	74.00	-19.27
2389.78	Average	39.42	4.80	44.23	54.00	-9.77
2462.00	Peak	107.99	4.66	112.66	--	--
2462.00	Average	105.43	4.66	110.09	--	--
2488.33	Peak	53.73	4.56	58.30	74.00	-15.70
2488.58	Average	48.62	4.56	53.18	54.00	-0.82

This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。

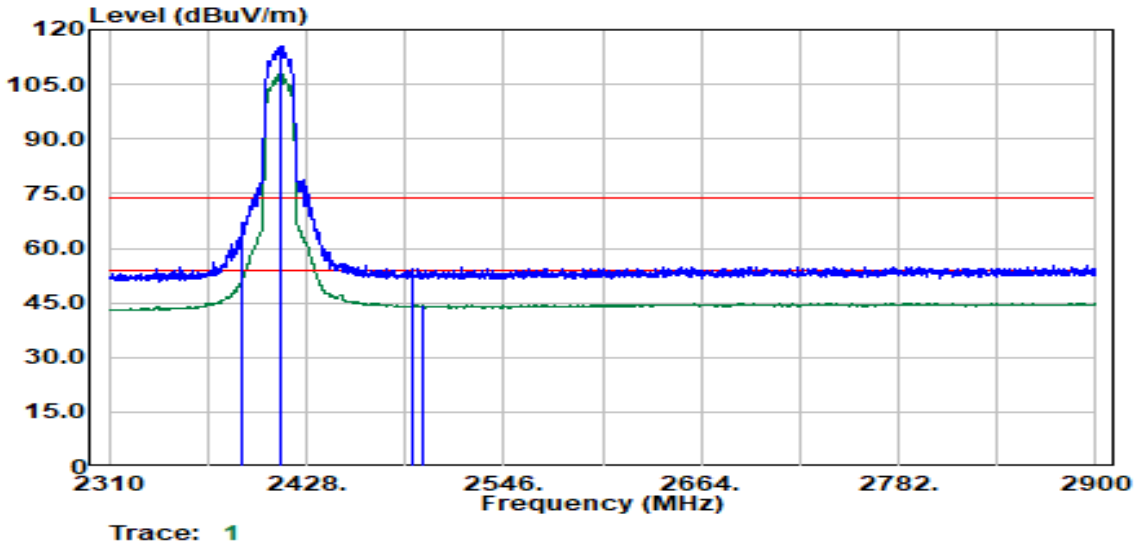
Report Number	:TMWK2307002435KR	Test Date	:2023-08-23
Operation Band	:802.11b	Temp./Humi.	:24.6/60
Frequency	:2462 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E2	Test Chamber	: 966D
Setting	:17		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2365.77	Peak	49.54	4.73	54.27	74.00	-19.73
2380.53	Average	38.98	4.80	43.78	54.00	-10.22
2462.00	Peak	102.66	4.66	107.32	--	--
2462.00	Average	100.17	4.66	104.83	--	--
2488.08	Peak	51.20	4.57	55.77	74.00	-18.23
2488.08	Average	43.16	4.57	47.73	54.00	-6.27

This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。

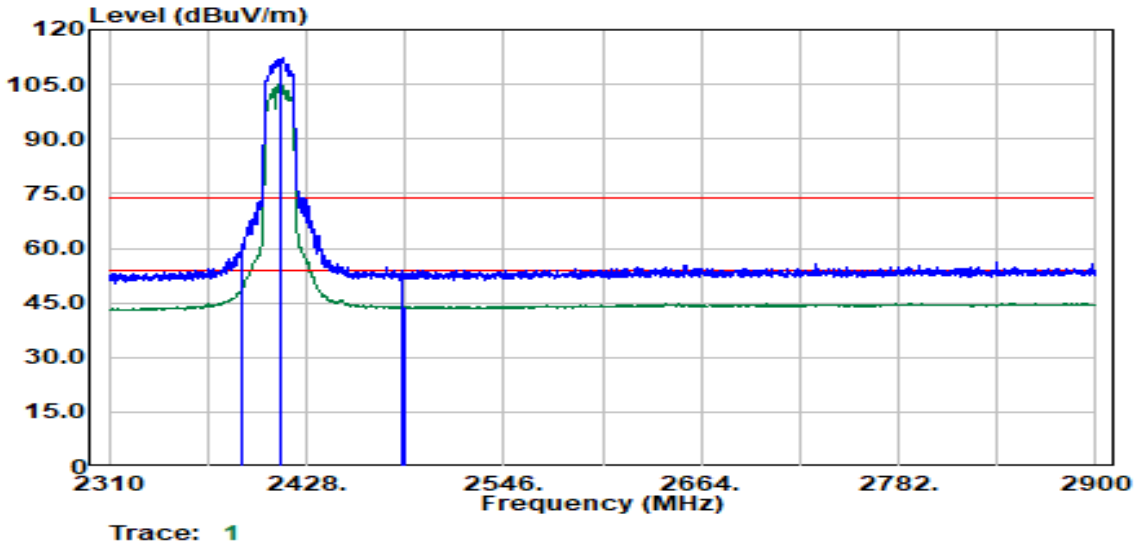
Report Number	:TMWK2307002435KR	Test Date	:2023-08-23
Operation Band	:802.11g	Temp./Humi.	:24.6/60
Frequency	:2412 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E2	Test Chamber	: 966D
Setting	:14		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2390.00	Peak	62.40	4.80	67.20	74.00	-6.80
2390.00	Average	48.34	4.80	53.14	54.00	-0.86
2412.00	Peak	111.11	4.54	115.65	--	--
2412.00	Average	103.40	4.54	107.94	--	--
2491.58	Peak	49.73	4.56	54.30	74.00	-19.70
2498.08	Average	39.60	4.63	44.23	54.00	-9.77

This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。

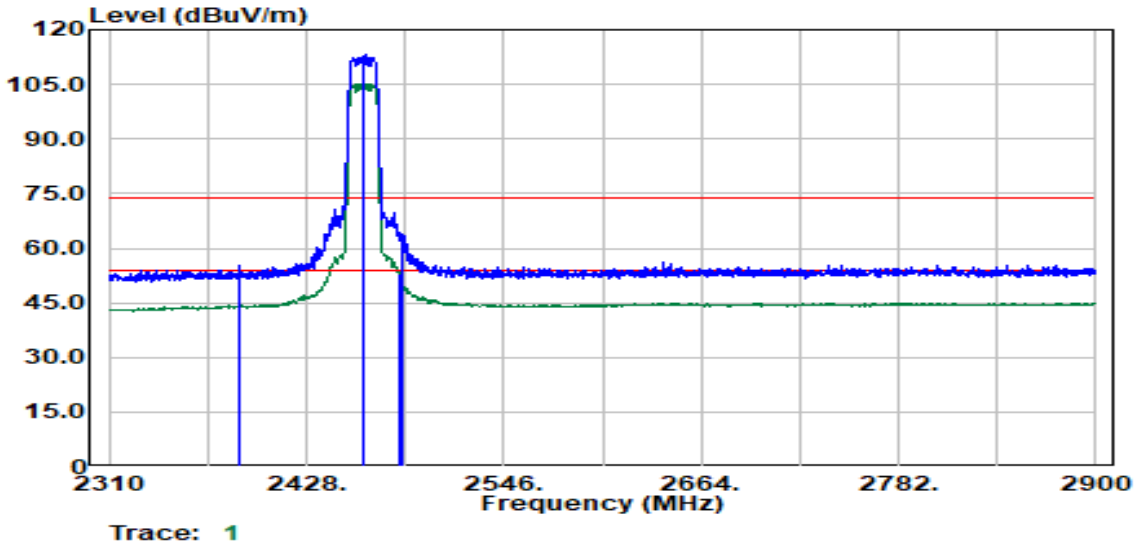
Report Number	:TMWK2307002435KR	Test Date	:2023-08-23
Operation Band	:802.11g	Temp./Humi.	:24.6/60
Frequency	:2412 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E2	Test Chamber	: 966D
Setting	:14		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2389.28	Peak	56.50	4.80	61.31	74.00	-12.69
2389.53	Average	44.23	4.80	49.03	54.00	-4.97
2412.00	Peak	107.60	4.54	112.13	--	--
2412.00	Average	100.57	4.54	105.10	--	--
2485.82	Peak	49.40	4.59	53.99	74.00	-20.01
2486.83	Average	39.25	4.58	43.83	54.00	-10.17

This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。

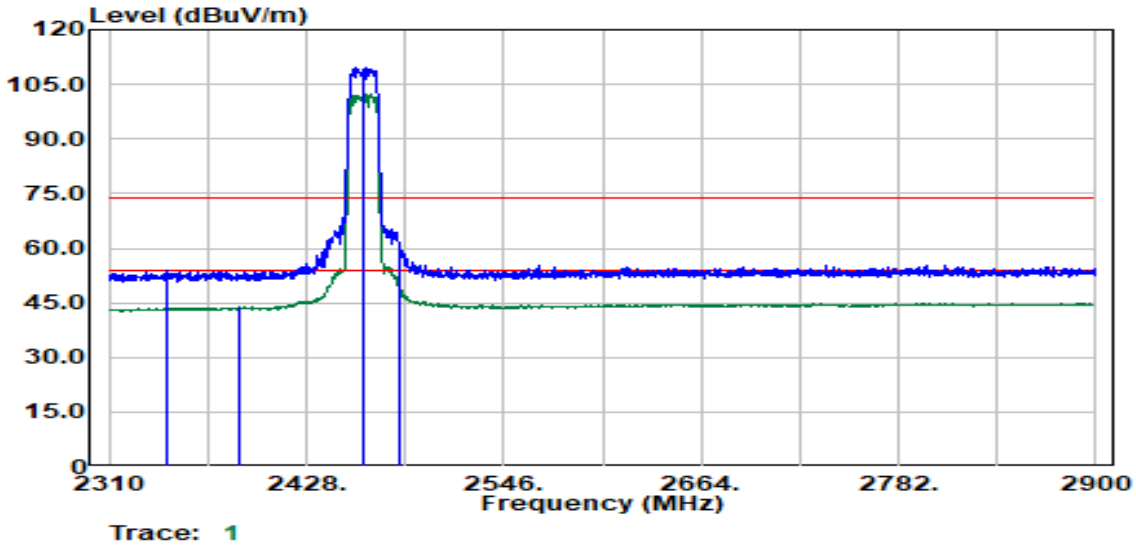
Report Number	:TMWK2307002435KR	Test Date	:2023-08-23
Operation Band	:802.11g	Temp./Humi.	:24.6/60
Frequency	:2462 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E2	Test Chamber	: 966D
Setting	:17		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2387.28	Average	39.45	4.80	44.26	54.00	-9.74
2388.53	Peak	50.61	4.80	55.42	74.00	-18.58
2462.00	Peak	108.35	4.66	113.01	--	--
2462.00	Average	100.56	4.66	105.22	--	--
2483.57	Average	48.53	4.61	53.14	54.00	-0.86
2485.82	Peak	59.07	4.59	63.66	74.00	-10.34

This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。

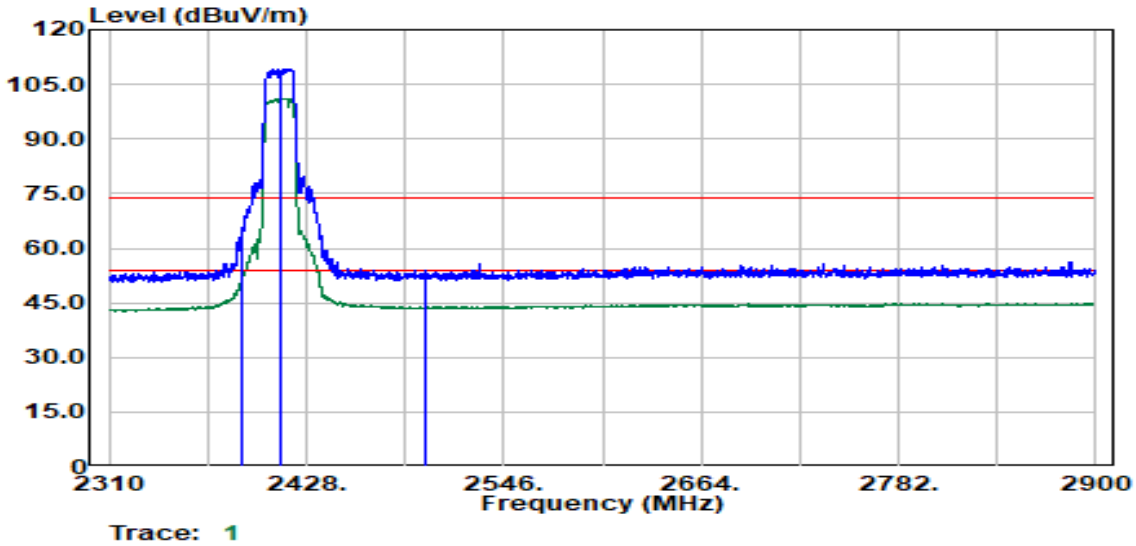
Report Number	:TMWK2307002435KR	Test Date	:2023-08-23
Operation Band	:802.11g	Temp./Humi.	:24.6/60
Frequency	:2462 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E2	Test Chamber	: 966D
Setting	:17		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2344.52	Peak	49.20	4.82	54.02	74.00	-19.98
2387.53	Average	38.97	4.80	43.78	54.00	-10.22
2462.00	Peak	104.89	4.66	109.55	--	--
2462.00	Average	97.48	4.66	102.14	--	--
2483.57	Peak	56.26	4.61	60.87	74.00	-13.13
2483.57	Average	45.22	4.61	49.83	54.00	-4.17

This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。

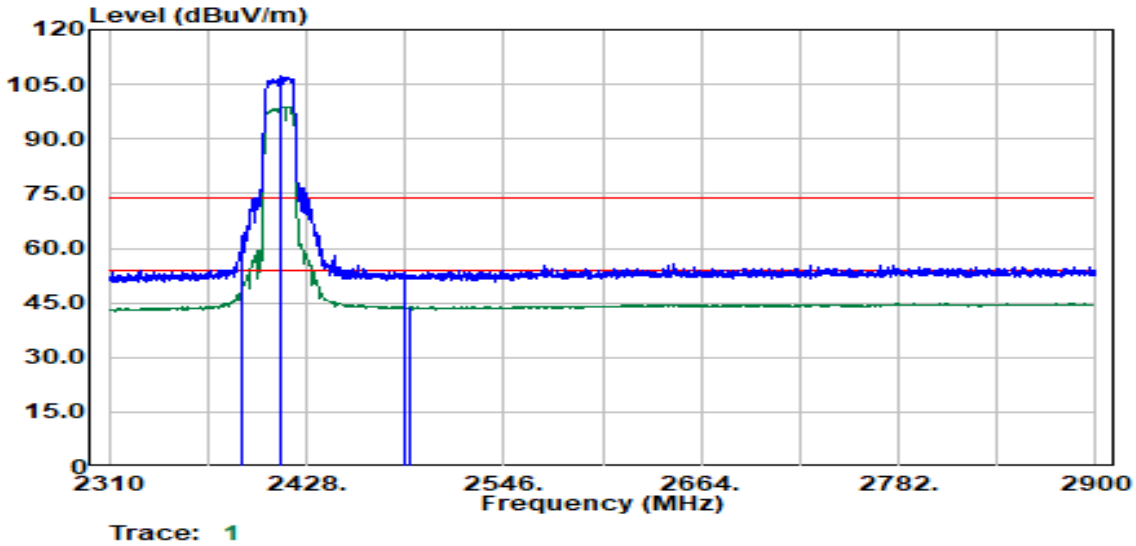
Report Number	:TMWK2307002435KR	Test Date	:2023-08-24
Operation Band	:802.11n20	Temp./Humi.	:25.7/57
Frequency	:2412 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E2	Test Chamber	: 966D
Setting	:14		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2390.00	Peak	61.07	4.80	65.87	74.00	-8.13
2390.00	Average	48.35	4.80	53.15	54.00	-0.85
2412.00	Peak	104.80	4.54	109.34	--	--
2412.00	Average	96.61	4.54	101.14	--	--
2499.58	Peak	49.19	4.65	53.84	74.00	-20.16
2499.58	Average	39.40	4.65	44.04	54.00	-9.96

This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。

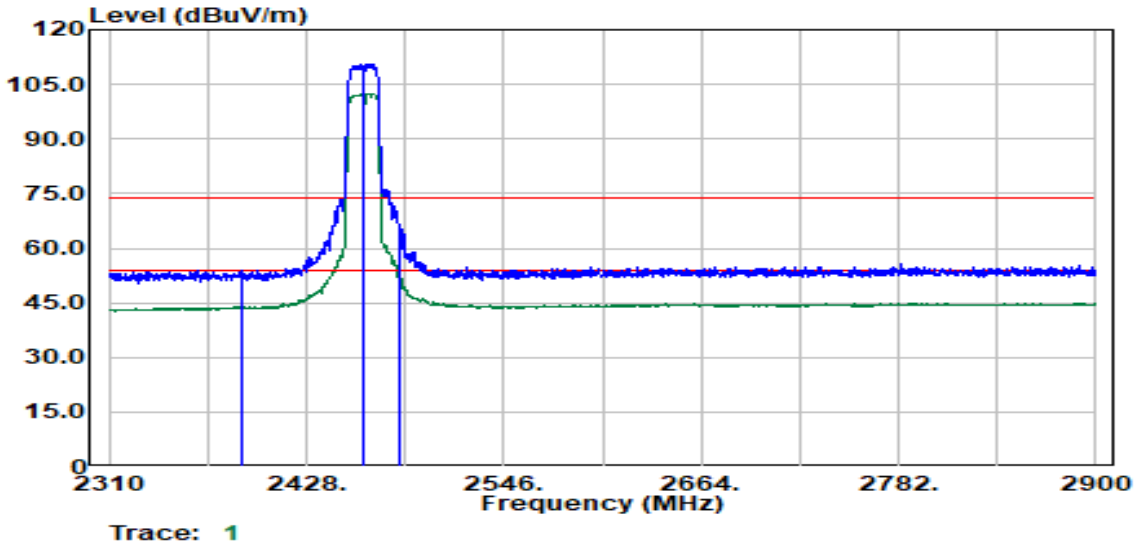
Report Number	:TMWK2307002435KR	Test Date	:2023-08-24
Operation Band	:802.11n20	Temp./Humi.	:25.7/57
Frequency	:2412 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E2	Test Chamber	: 966D
Setting	:14		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2390.00	Peak	58.37	4.80	63.17	74.00	-10.83
2390.00	Average	44.31	4.80	49.11	54.00	-4.89
2412.00	Peak	102.61	4.54	107.15	--	--
2412.00	Average	94.41	4.54	98.95	--	--
2486.58	Peak	48.69	4.58	53.27	74.00	-20.73
2490.58	Average	39.31	4.55	43.87	54.00	-10.13

This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。

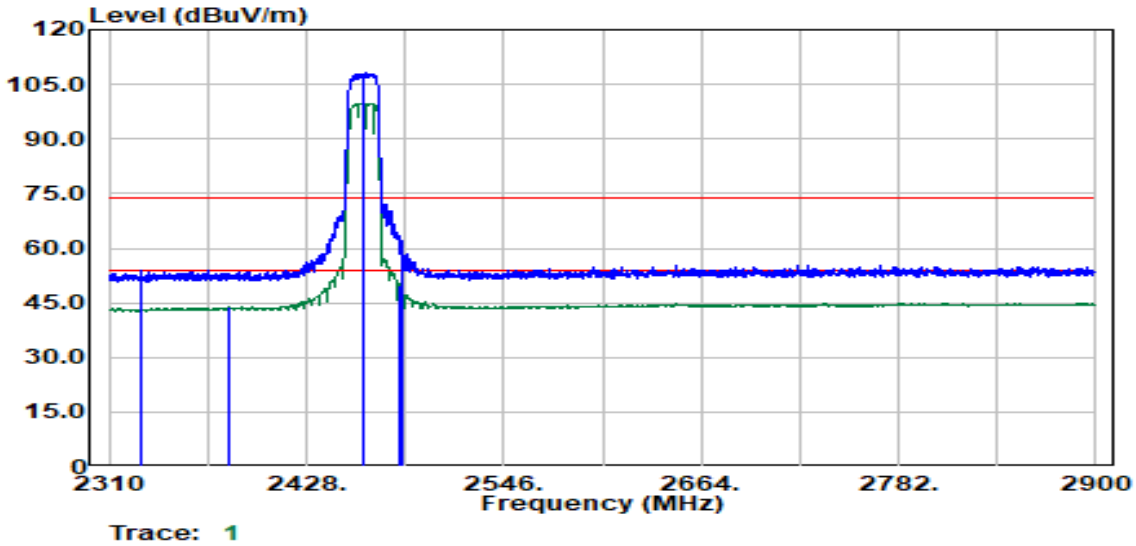
Report Number	:TMWK2307002435KR	Test Date	:2023-08-24
Operation Band	:802.11n20	Temp./Humi.	:25.7/57
Frequency	:2462 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E2	Test Chamber	: 966D
Setting	:14		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2389.78	Average	39.06	4.80	43.86	54.00	-10.14
2390.00	Peak	49.08	4.80	53.88	74.00	-20.12
2462.00	Peak	105.95	4.66	110.61	--	--
2462.00	Average	97.76	4.66	102.42	--	--
2483.57	Peak	60.85	4.61	65.46	74.00	-8.54
2483.57	Average	48.42	4.61	53.03	54.00	-0.97

This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。

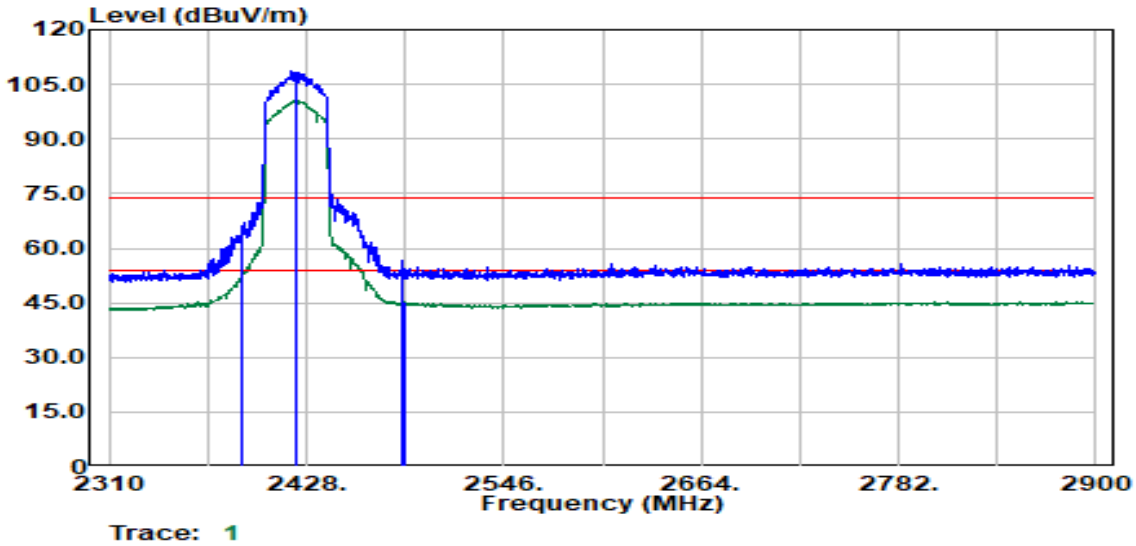
Report Number	:TMWK2307002435KR	Test Date	:2023-08-24
Operation Band	:802.11n20	Temp./Humi.	:25.7/57
Frequency	:2462 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E2	Test Chamber	: 966D
Setting	:14		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2329.01	Peak	49.22	4.66	53.88	74.00	-20.12
2381.53	Average	38.94	4.80	43.74	54.00	-10.26
2462.00	Peak	103.38	4.66	108.04	--	--
2462.00	Average	95.03	4.66	99.69	--	--
2483.82	Average	45.09	4.61	49.70	54.00	-4.30
2484.82	Peak	57.65	4.60	62.25	74.00	-11.75

This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。

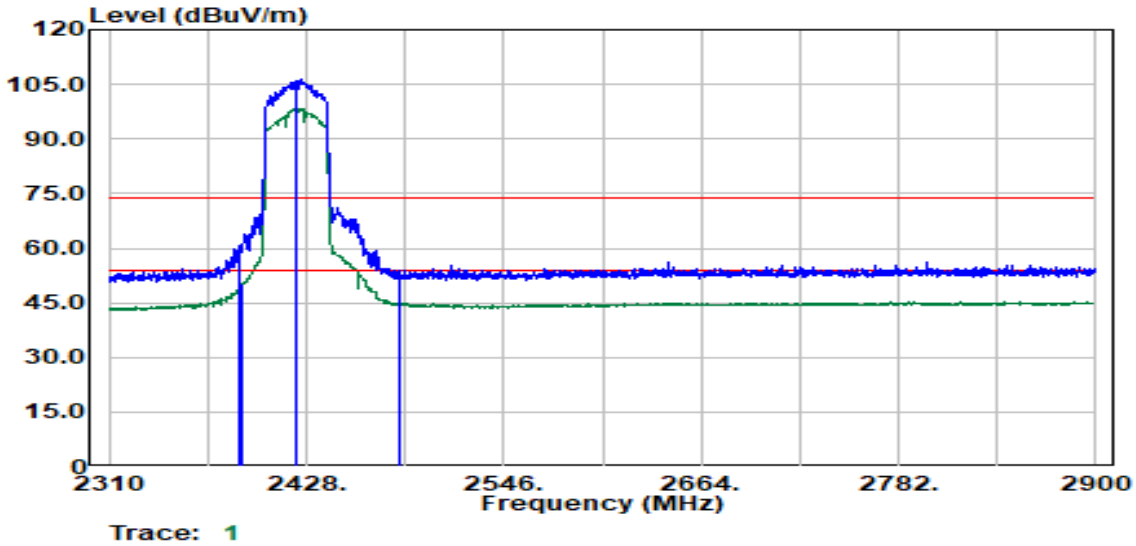
Report Number	:TMWK2307002435KR	Test Date	:2023-08-24
Operation Band	:802.11n40	Temp./Humi.	:25.7/57
Frequency	:2422 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E2	Test Chamber	: 966D
Setting	:13.75		



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	60.53	4.80	65.34	74.00	-8.66
2390.00	Average	48.47	4.80	53.28	54.00	-0.72
2422.00	Peak	103.94	4.62	108.56	--	--
2422.00	Average	95.87	4.62	100.49	--	--
2485.07	Peak	51.89	4.60	56.49	74.00	-17.51
2486.58	Average	40.79	4.58	45.38	54.00	-8.62

This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。

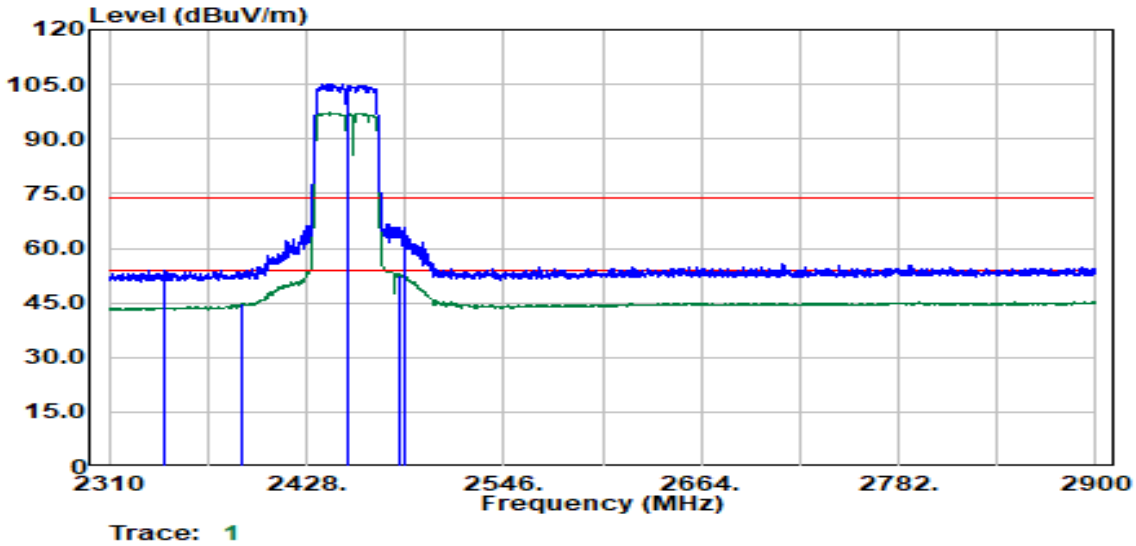
Report Number	:TMWK2307002435KR	Test Date	:2023-08-24
Operation Band	:802.11n40	Temp./Humi.	:25.7/57
Frequency	:2422 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E2	Test Chamber	: 966D
Setting	:13.75		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2388.28	Peak	56.09	4.80	60.90	74.00	-13.11
2389.78	Average	45.37	4.80	50.17	54.00	-3.83
2422.00	Peak	101.90	4.62	106.53	--	--
2422.00	Average	93.78	4.62	98.40	--	--
2483.57	Peak	49.46	4.61	54.07	74.00	-19.93
2484.32	Average	40.44	4.60	45.04	54.00	-8.96

This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。

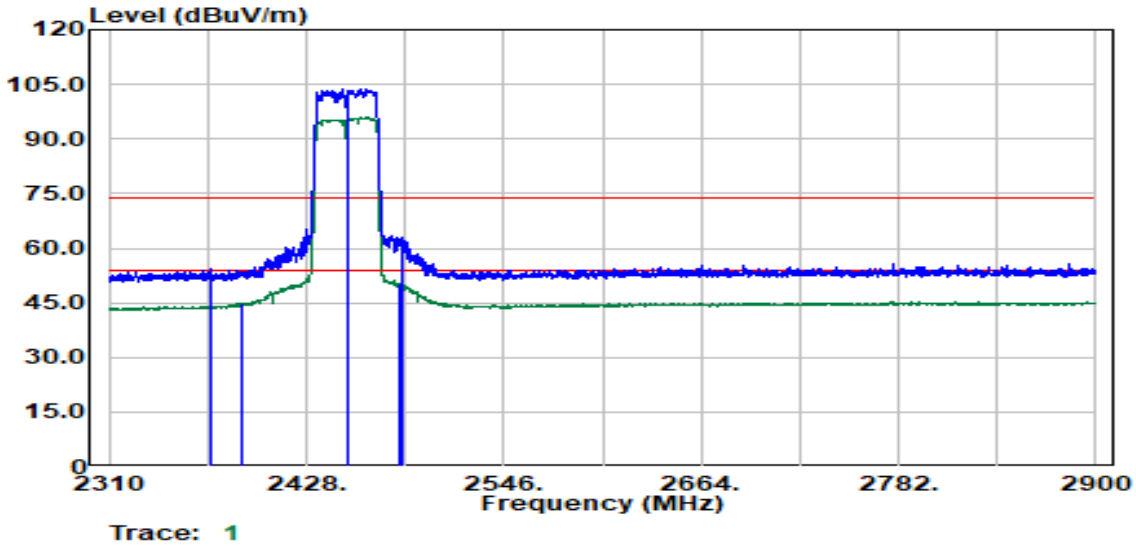
Report Number	:TMWK2307002435KR	Test Date	:2023-08-24
Operation Band	:802.11n40	Temp./Humi.	:25.7/57
Frequency	:2452 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E2	Test Chamber	: 966D
Setting	:12		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2343.01	Peak	49.20	4.80	54.01	74.00	-19.99
2389.53	Average	39.95	4.80	44.75	54.00	-9.25
2452.00	Peak	100.55	4.56	105.12	--	--
2452.00	Average	92.64	4.56	97.20	--	--
2483.57	Average	48.11	4.61	52.72	54.00	-1.28
2486.33	Peak	61.14	4.58	65.72	74.00	-8.28

This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。

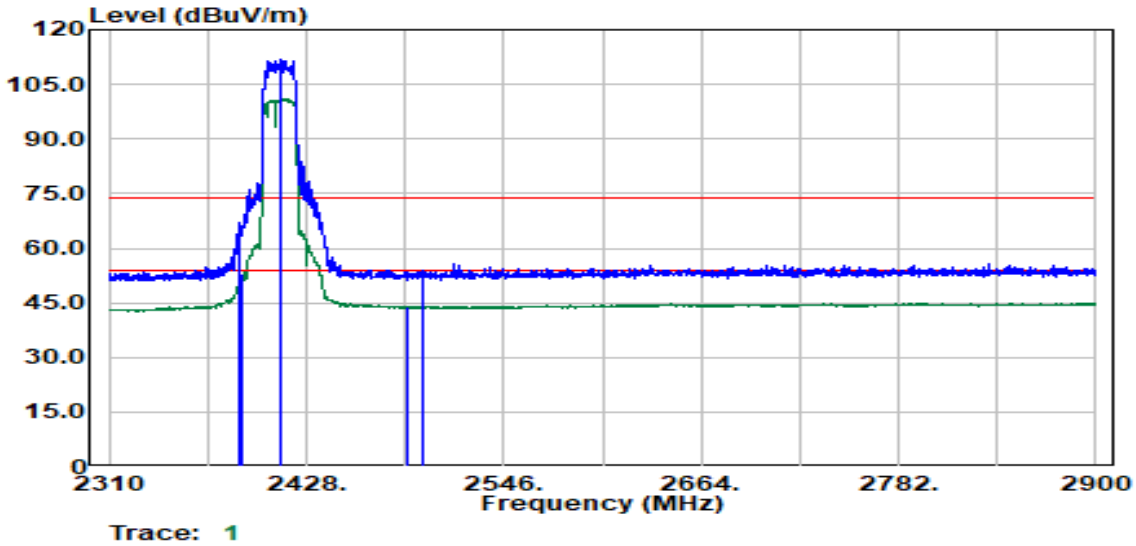
Report Number	:TMWK2307002435KR	Test Date	:2023-08-24
Operation Band	:802.11n40	Temp./Humi.	:25.7/57
Frequency	:2452 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E2	Test Chamber	: 966D
Setting	:12		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2370.28	Peak	49.44	4.69	54.13	74.00	-19.87
2389.78	Average	40.08	4.80	44.89	54.00	-9.11
2452.00	Peak	99.04	4.56	103.60	--	--
2452.00	Average	91.26	4.56	95.82	--	--
2483.82	Average	45.61	4.61	50.22	54.00	-3.78
2485.57	Peak	58.28	4.59	62.87	74.00	-11.13

This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。

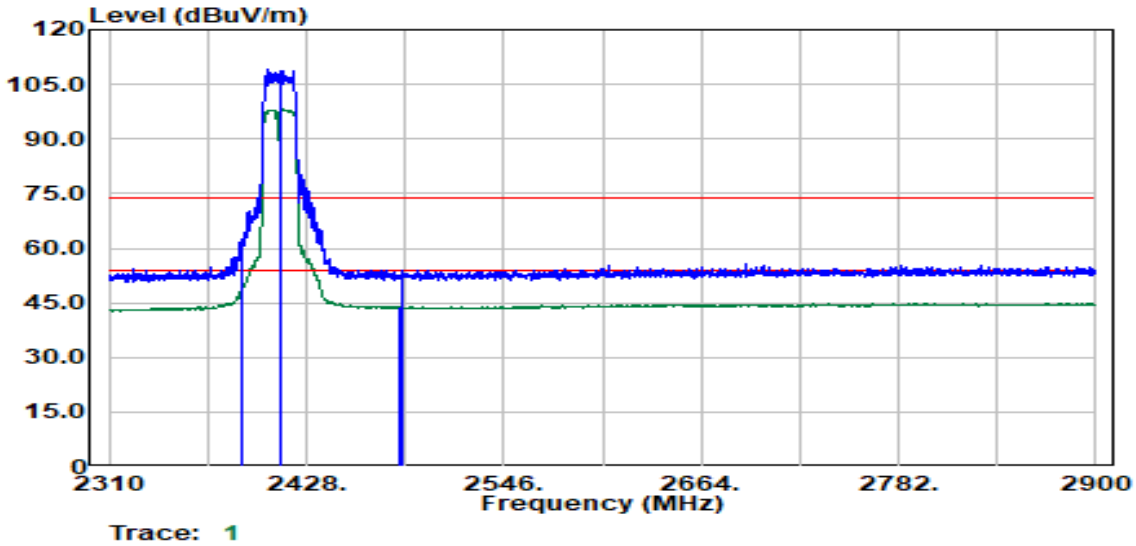
Report Number	:TMWK2307002435KR	Test Date	:2023-08-24
Operation Band	:802.11ax20 Full	Temp./Humi.	:25.7/57
Frequency	:2412 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E2	Test Chamber	: 966D
Setting	:13.5		



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	62.19	4.80	67.00	74.00	-7.00
2390.00	Average	48.18	4.80	52.98	54.00	-1.02
2412.00	Peak	107.93	4.54	112.47	--	--
2412.00	Average	97.34	4.54	101.88	--	--
2487.83	Average	39.52	4.57	44.09	54.00	-9.91
2497.33	Peak	49.27	4.62	53.90	74.00	-20.10

This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。

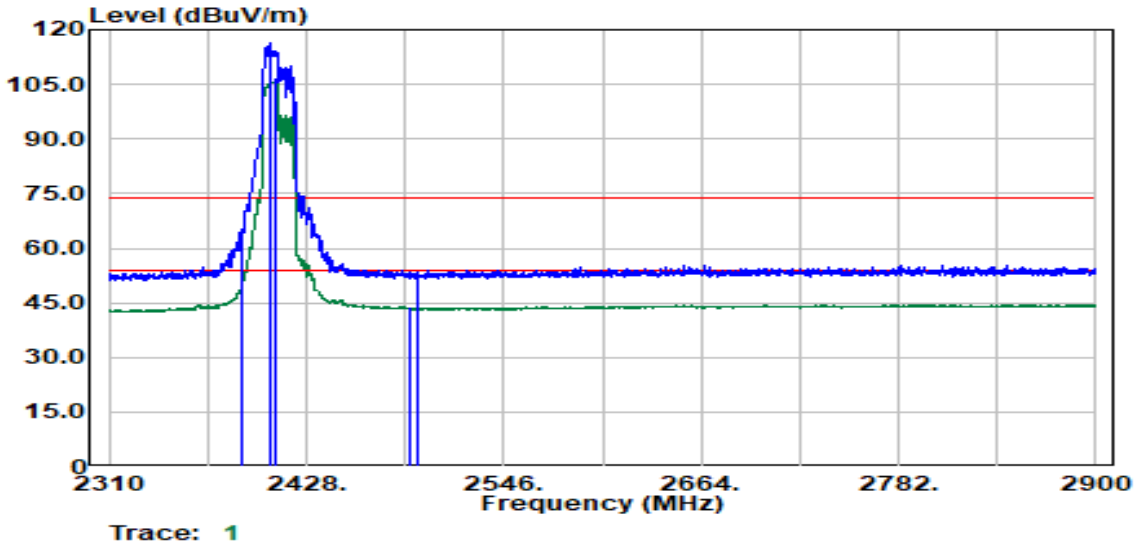
Report Number	:TMWK2307002435KR	Test Date	:2023-08-24
Operation Band	:802.11ax20 Full	Temp./Humi.	:25.7/57
Frequency	:2412 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E2	Test Chamber	: 966D
Setting	:13.5		



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	57.85	4.80	62.65	74.00	-11.35
2390.00	Average	43.91	4.80	48.71	54.00	-5.29
2412.00	Peak	104.49	4.54	109.03	--	--
2412.00	Average	93.54	4.54	98.07	--	--
2484.07	Average	39.41	4.61	44.02	54.00	-9.98
2485.57	Peak	49.28	4.59	53.87	74.00	-20.13

This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。

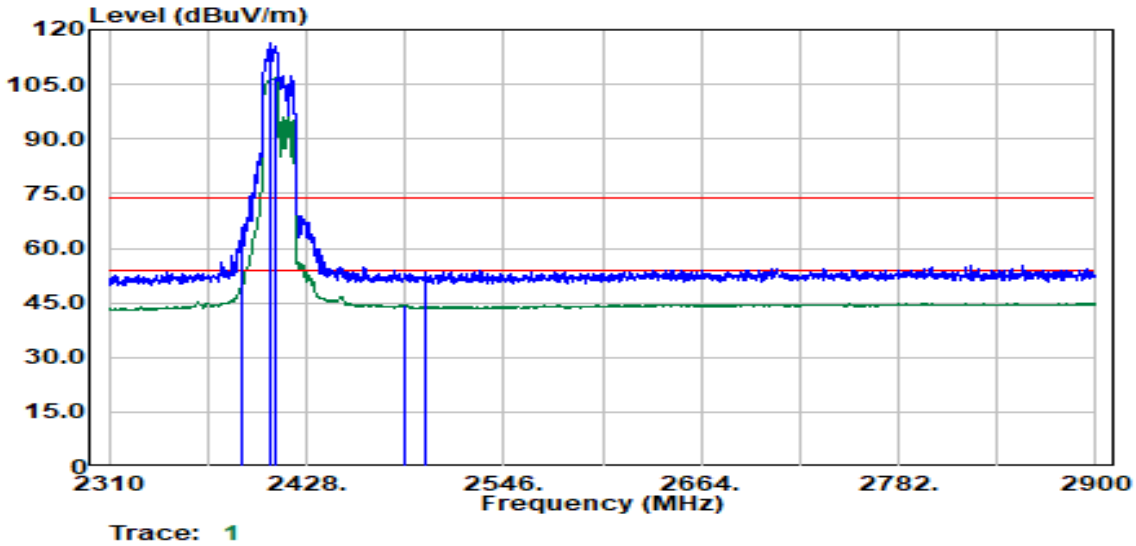
Report Number	:TMWK2307002435KR	Test Date	:2023-08-24
Operation Band	:802.11ax20 RU160/53	Temp./Humi.	:25.7/57
Frequency	:2412 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E2	Test Chamber	: 966D
Setting	:17.25		



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	60.11	4.80	64.91	74.00	-9.09
2390.00	Average	46.68	4.80	51.48	54.00	-2.52
2406.54	Peak	112.20	4.51	116.72	--	--
2409.54	Average	102.47	4.52	106.99	--	--
2490.33	Average	39.56	4.55	44.11	54.00	-9.89
2494.58	Peak	49.50	4.59	54.09	74.00	-19.91

This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。

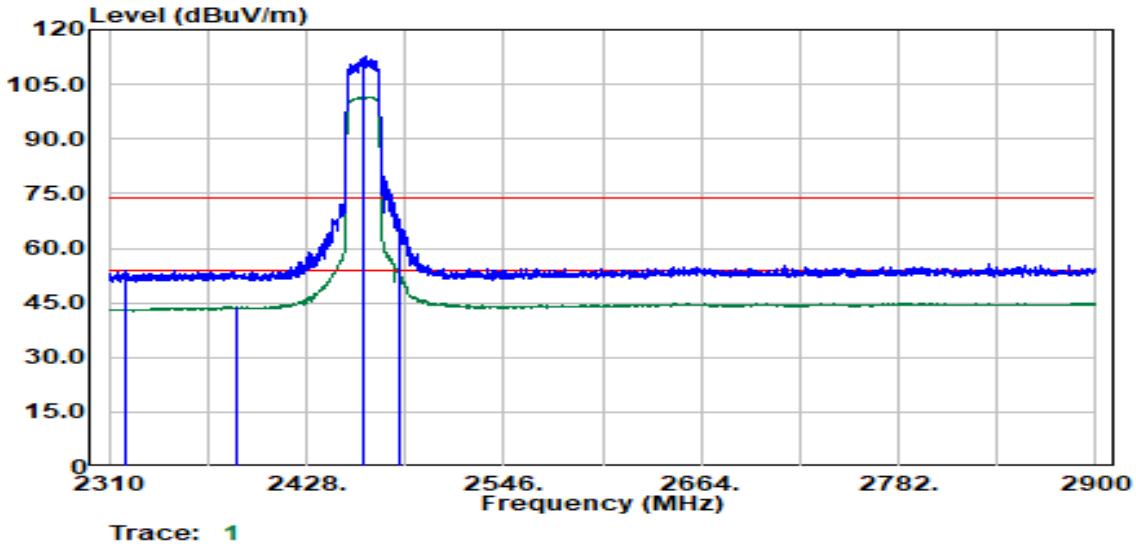
Report Number	:TMWK2307002435KR	Test Date	:2023-08-24
Operation Band	:802.11ax20 RU160/53	Temp./Humi.	:25.7/57
Frequency	:2412 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E2	Test Chamber	: 966D
Setting	:17.25		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2389.28	Average	45.17	4.80	49.97	54.00	-4.03
2390.00	Peak	61.20	4.80	66.01	74.00	-7.99
2406.29	Peak	111.94	4.51	116.46	--	--
2409.04	Average	102.16	4.52	106.68	--	--
2487.33	Average	39.71	4.57	44.28	54.00	-9.72
2499.58	Peak	49.12	4.65	53.77	74.00	-20.23

This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。

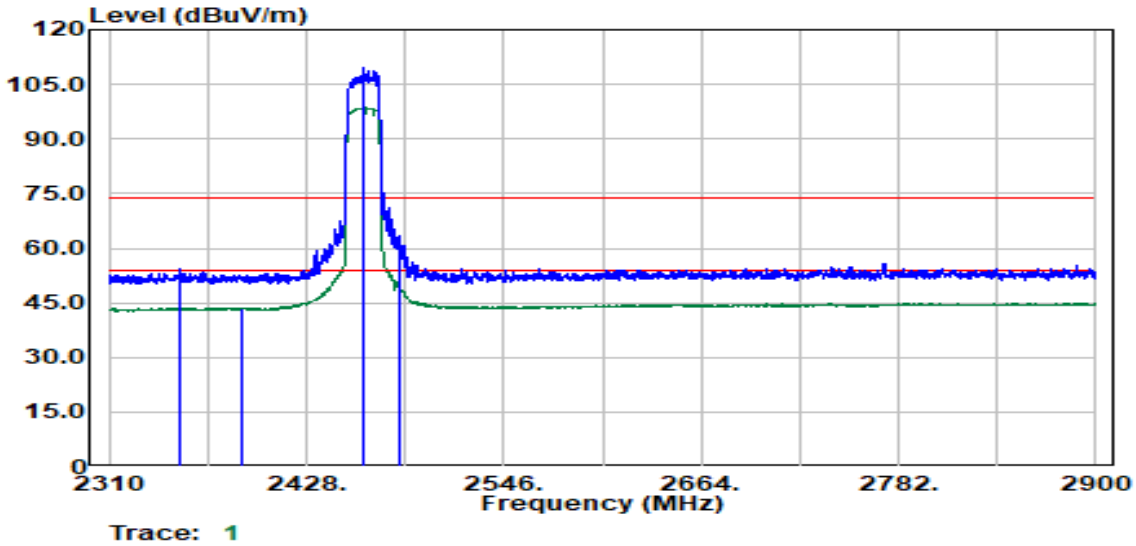
Report Number	:TMWK2307002435KR	Test Date	:2023-08-24
Operation Band	:802.11ax20 Full	Temp./Humi.	:25.7/57
Frequency	:2462 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E2	Test Chamber	: 966D
Setting	:13.5		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2320.50	Peak	49.37	4.66	54.03	74.00	-19.97
2386.03	Average	39.05	4.80	43.85	54.00	-10.15
2462.00	Peak	108.19	4.66	112.85	--	--
2462.00	Average	96.81	4.66	101.47	--	--
2484.07	Peak	62.64	4.61	67.24	74.00	-6.76
2484.32	Average	48.39	4.60	52.99	54.00	-1.01

This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。

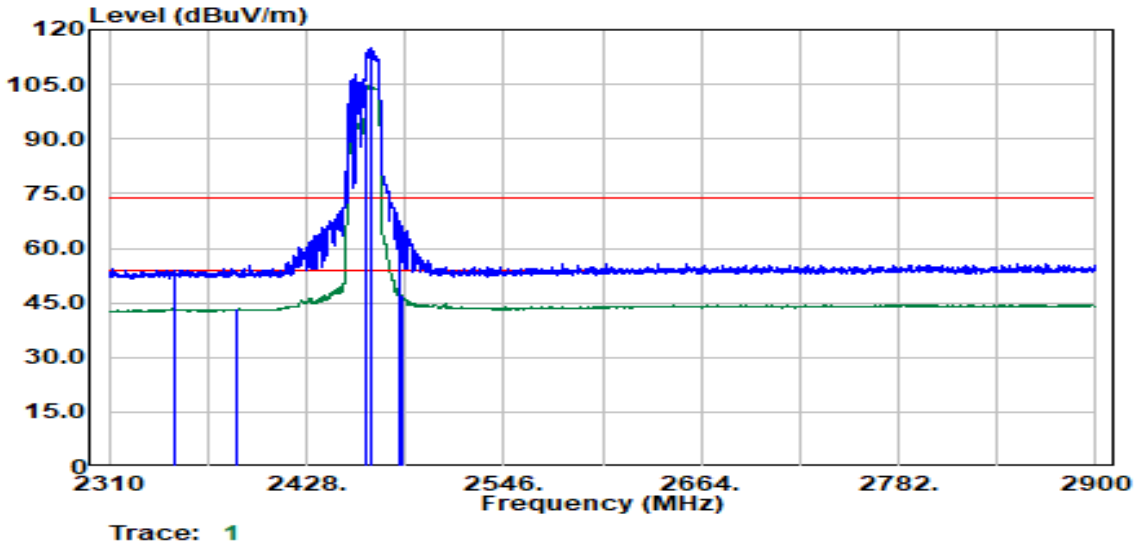
Report Number	:TMWK2307002435KR	Test Date	:2023-08-24
Operation Band	:802.11ax20 Full	Temp./Humi.	:25.7/57
Frequency	:2462 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E2	Test Chamber	: 966D
Setting	:13.5		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2353.02	Peak	50.08	4.85	54.93	74.00	-19.07
2389.78	Average	38.83	4.80	43.64	54.00	-10.36
2462.00	Peak	105.16	4.66	109.82	--	--
2462.00	Average	93.90	4.66	98.56	--	--
2483.57	Peak	57.11	4.61	61.72	74.00	-12.28
2483.82	Average	44.31	4.61	48.92	54.00	-5.08

This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。

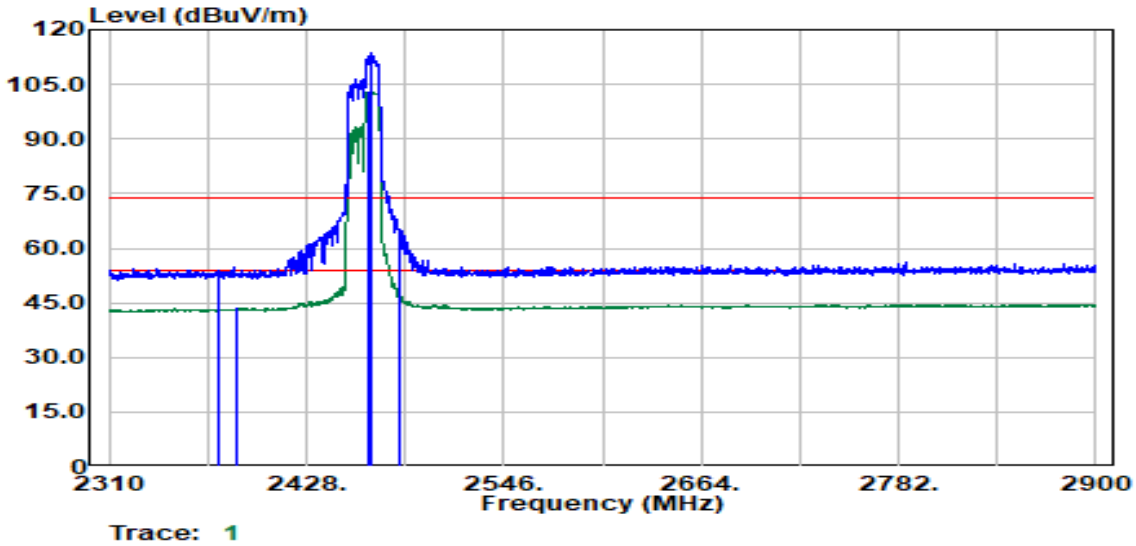
Report Number	:TMWK2307002435KR	Test Date	:2023-08-24
Operation Band	:802.11ax20 RU106/54	Temp./Humi.	:25.7/57
Frequency	:2462 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E2	Test Chamber	: 966D
Setting	:15		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2349.02	Peak	49.70	4.87	54.57	74.00	-19.43
2385.78	Average	38.82	4.80	43.62	54.00	-10.38
2464.32	Average	100.30	4.69	104.98	--	--
2467.07	Peak	110.54	4.71	115.25	--	--
2483.57	Peak	61.37	4.61	65.98	74.00	-8.02
2484.57	Average	42.55	4.60	47.15	54.00	-6.85

This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。

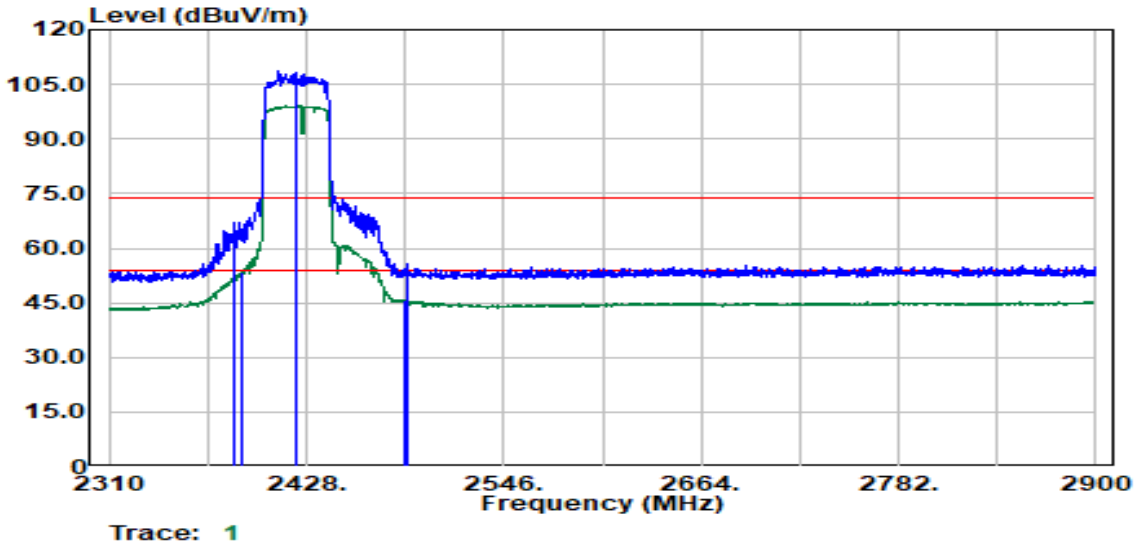
Report Number	:TMWK2307002435KR	Test Date	:2023-08-24
Operation Band	:802.11ax20 RU106/54	Temp./Humi.	:25.7/57
Frequency	:2462 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E2	Test Chamber	: 966D
Setting	:15		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2376.03	Peak	49.52	4.76	54.28	74.00	-19.72
2385.78	Average	38.92	4.80	43.72	54.00	-10.28
2465.82	Average	98.50	4.70	103.20	--	--
2467.32	Peak	109.00	4.72	113.72	--	--
2483.82	Average	42.39	4.61	47.00	54.00	-7.00
2484.32	Peak	59.60	4.60	64.21	74.00	-9.79

This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。

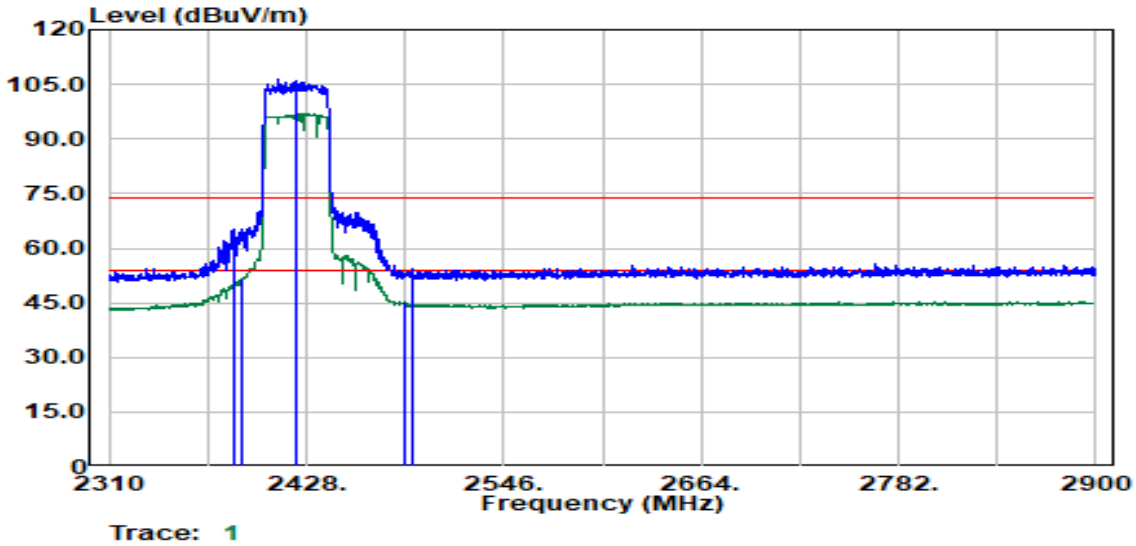
Report Number	:TMWK2307002435KR	Test Date	:2023-08-24
Operation Band	:802.11ax40 Full	Temp./Humi.	:25.7/57
Frequency	:2422 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E2	Test Chamber	: 966D
Setting	:13.5		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2384.28	Peak	62.44	4.80	67.24	74.00	-6.76
2389.53	Average	48.42	4.80	53.23	54.00	-0.77
2422.00	Peak	104.21	4.62	108.83	--	--
2422.00	Average	94.45	4.62	99.07	--	--
2486.08	Average	41.28	4.59	45.87	54.00	-8.13
2487.83	Peak	51.26	4.57	55.83	74.00	-18.17

This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。

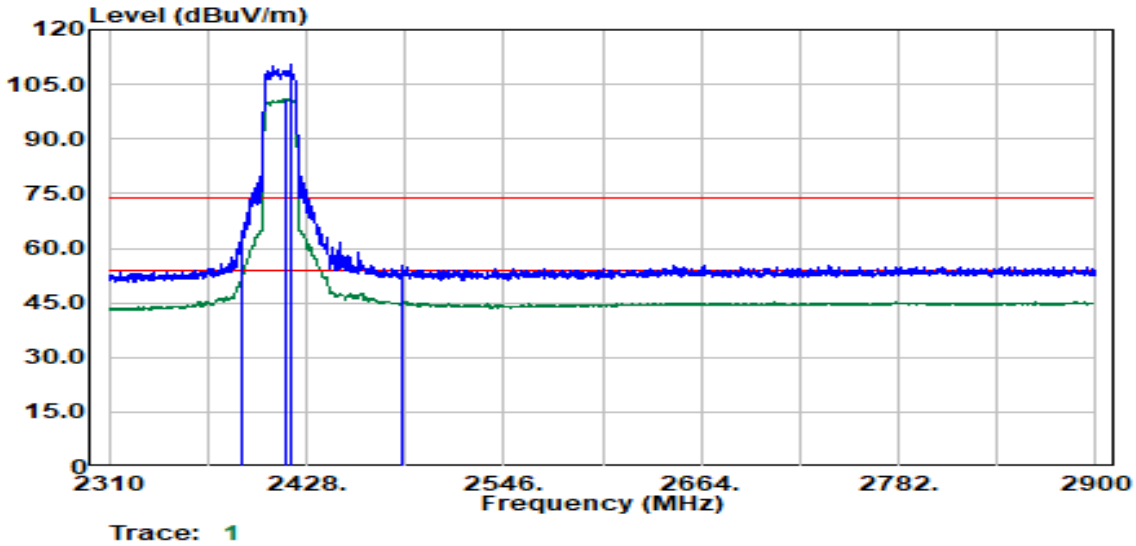
Report Number	:TMWK2307002435KR	Test Date	:2023-08-24
Operation Band	:802.11ax40 Full	Temp./Humi.	:25.7/57
Frequency	:2422 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E2	Test Chamber	: 966D
Setting	:13.5		



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	60.38	4.80	65.18	74.00	-8.82
2389.78	Average	46.74	4.80	51.54	54.00	-2.46
2422.00	Peak	101.85	4.62	106.47	--	--
2422.00	Average	92.20	4.62	96.82	--	--
2487.33	Average	40.78	4.57	45.35	54.00	-8.65
2491.83	Peak	49.56	4.57	54.13	74.00	-19.87

This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。

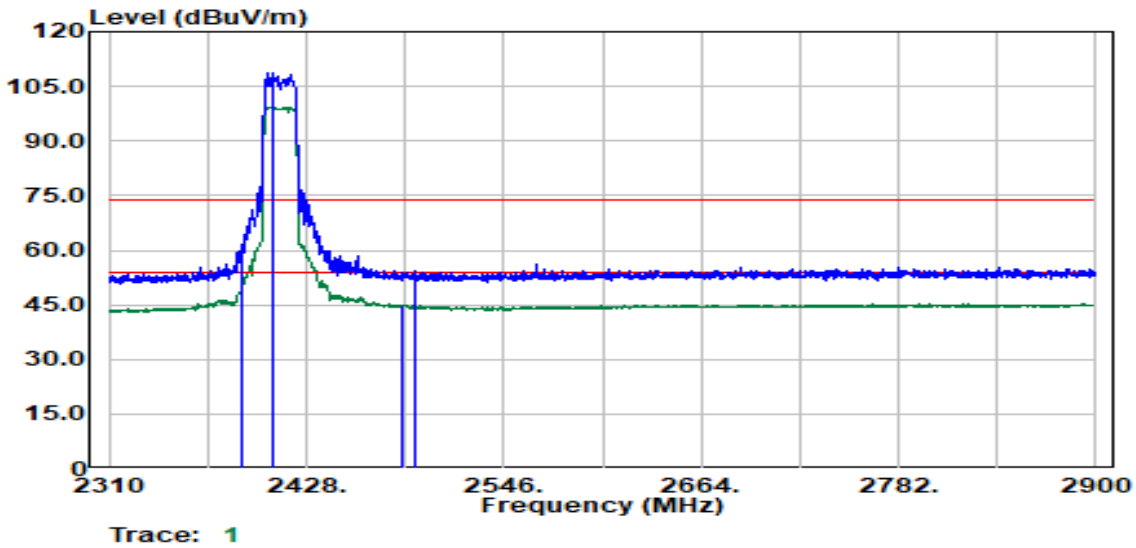
Report Number	:TMWK2307002435KR	Test Date	:2023-08-24
Operation Band	:802.11ax40 RU242/61	Temp./Humi.	:25.7/57
Frequency	:2422 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E2	Test Chamber	: 966D
Setting	:13.25		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2389.53	Average	48.28	4.80	53.08	54.00	-0.92
2390.00	Peak	59.82	4.80	64.62	74.00	-9.38
2415.30	Average	96.30	4.57	100.87	--	--
2418.55	Peak	105.75	4.61	110.35	--	--
2485.57	Peak	50.84	4.59	55.43	74.00	-18.57
2485.57	Average	40.97	4.59	45.56	54.00	-8.44

This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。

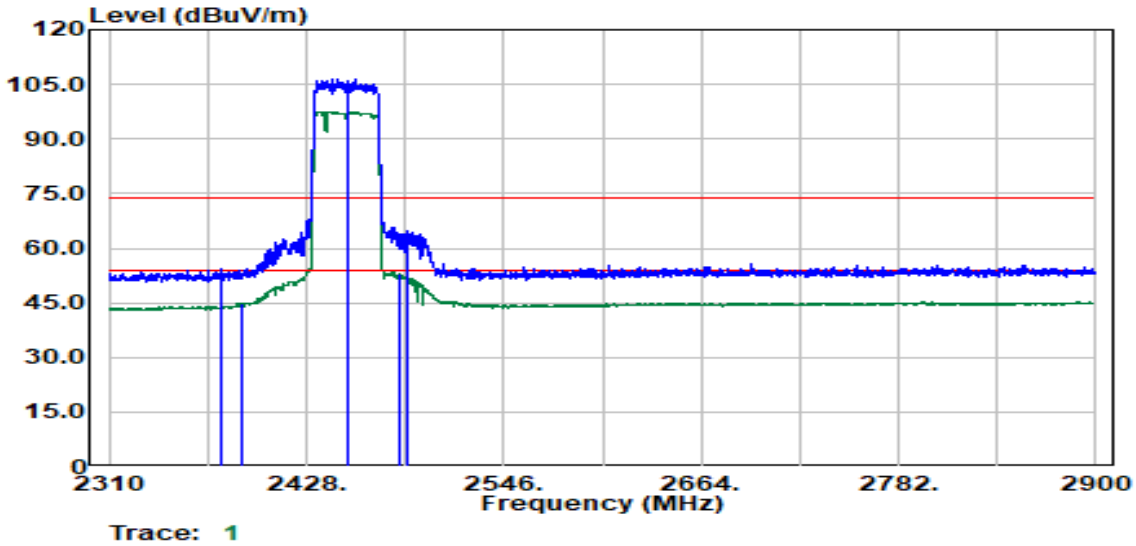
Report Number	:TMWK2307002435KR	Test Date	:2023-08-24
Operation Band	:802.11ax40 RU242/61	Temp./Humi.	:25.7/57
Frequency	:2422 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E2	Test Chamber	: 966D
Setting	:13.25		



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	56.91	4.80	61.72	74.00	-12.28
2390.00	Average	45.75	4.80	50.55	54.00	-3.45
2408.04	Peak	104.25	4.51	108.76	--	--
2408.29	Average	94.72	4.51	99.23	--	--
2484.57	Average	40.42	4.60	45.02	54.00	-8.98
2492.33	Peak	49.68	4.57	54.25	74.00	-19.75

This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。

Report Number	:TMWK2307002435KR	Test Date	:2023-08-24
Operation Band	:802.11ax40 Full	Temp./Humi.	:25.7/57
Frequency	:2452 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:E2	Test Chamber	: 966D
Setting	:12.25		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2377.03	Peak	49.42	4.77	54.18	74.00	-19.82
2389.03	Average	39.94	4.80	44.74	54.00	-9.26
2452.00	Peak	101.79	4.56	106.35	--	--
2452.00	Average	92.80	4.56	97.36	--	--
2483.57	Average	48.43	4.61	53.04	54.00	-0.96
2487.83	Peak	60.30	4.57	64.87	74.00	-9.13

This document cannot be reproduced except in full, without prior written approval of the Company. 本報告未經本公司書面許可，不可部份複製。