

Report No.: TMWK2309003309KR

802.11ax_40MHz_Chain0_5670MHz



802.11ax_40MHz_Chain1_5190MHz



802.11ax_40MHz_Chain0_5755MHz



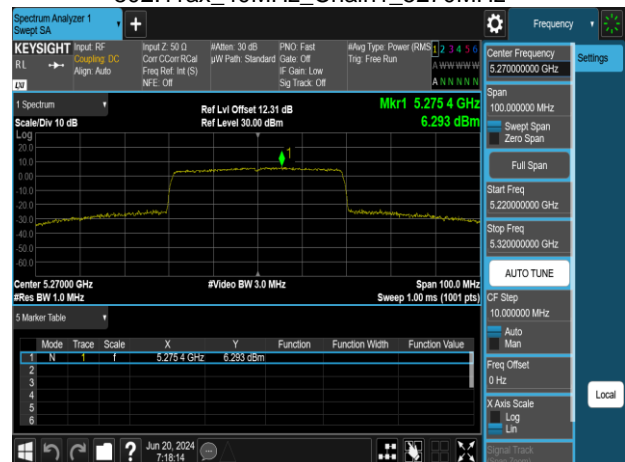
802.11ax_40MHz_Chain1_5230MHz



802.11ax_40MHz_Chain0_5795MHz



802.11ax_40MHz_Chain1_5270MHz

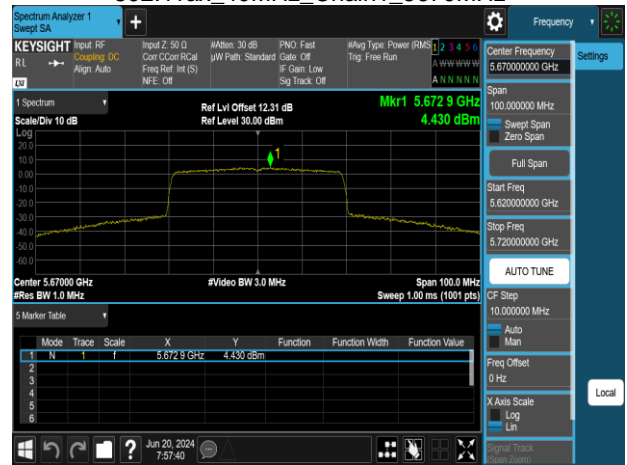


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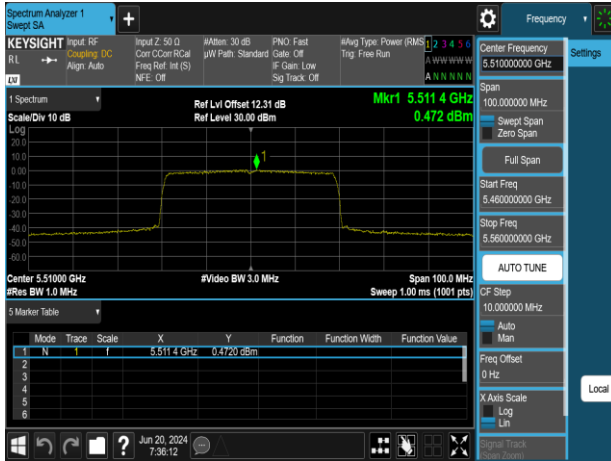
802.11ax_40MHz_Chain1_5310MHz



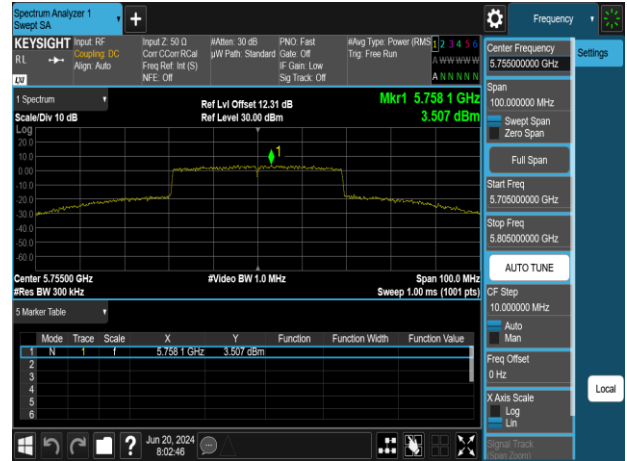
802.11ax_40MHz_Chain1_5670MHz



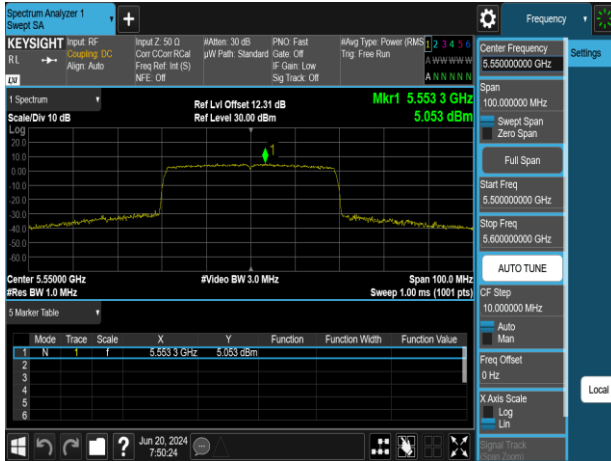
802.11ax_40MHz_Chain1_5510MHz



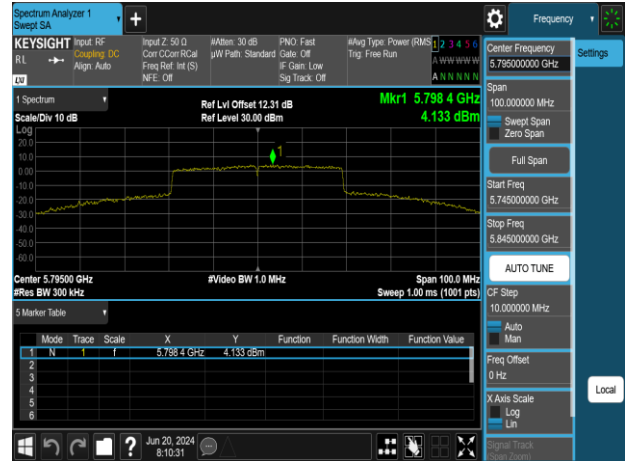
802.11ax_40MHz_Chain1_5755MHz



802.11ax_40MHz_Chain1_5550MHz

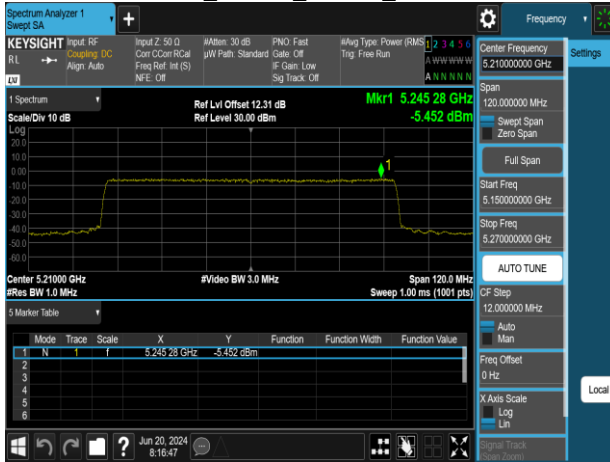


802.11ax_40MHz_Chain1_5795MHz

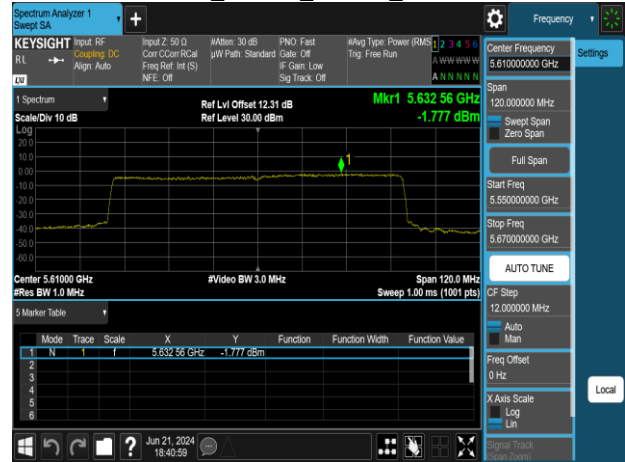


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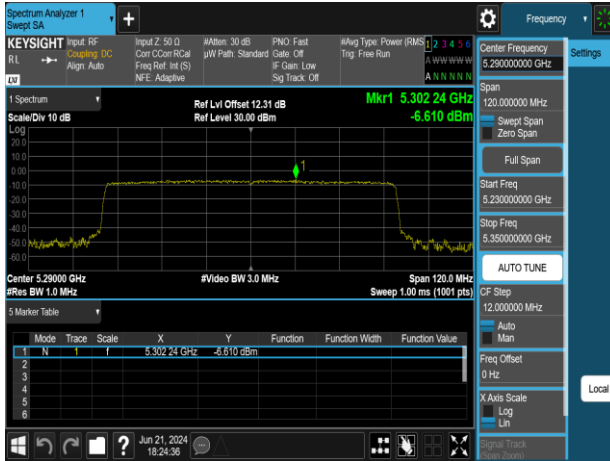
802.11ax_80MHz_Chain0_5210MHz



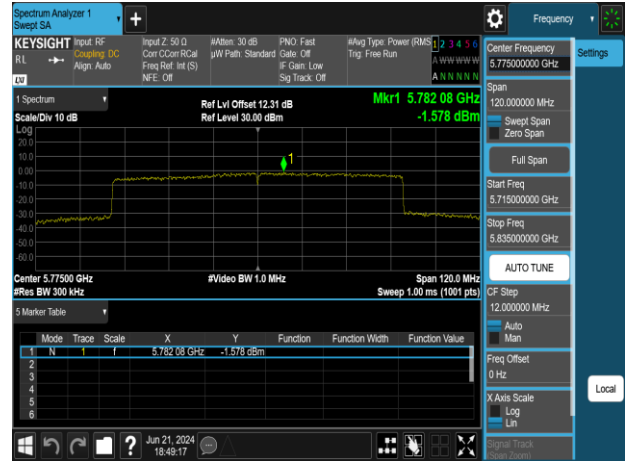
802.11ax_80MHz_Chain0_5610MHz



802.11ax_80MHz_Chain0_5290MHz



802.11ax_80MHz_Chain0_5775MHz

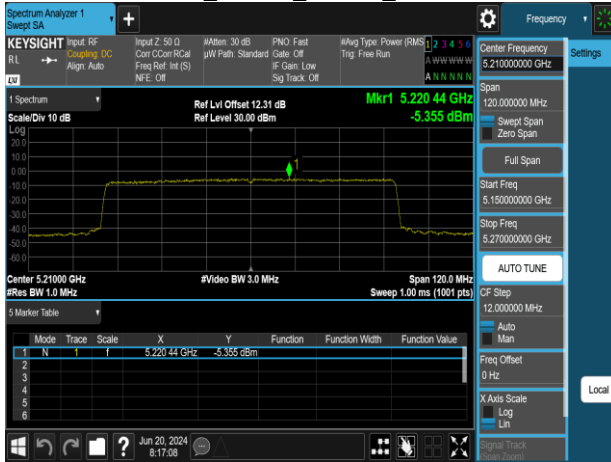


802.11ax_80MHz_Chain0_5530MHz

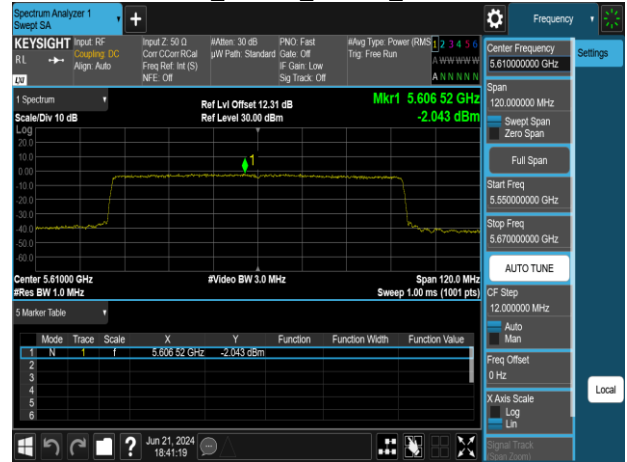


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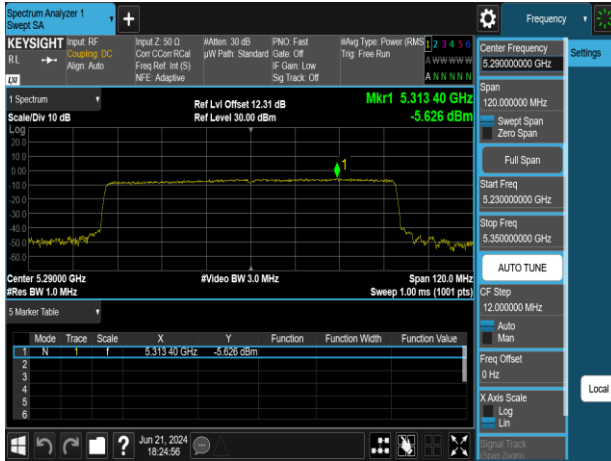
802.11ax_80MHz_Chain1_5210MHz



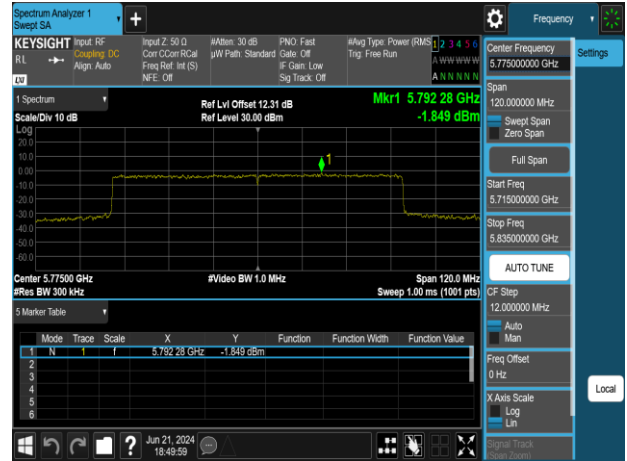
802.11ax_80MHz_Chain1_5610MHz



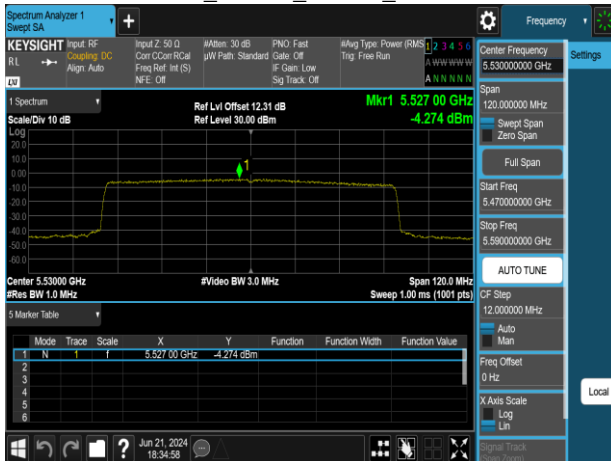
802.11ax_80MHz_Chain1_5290MHz



802.11ax_80MHz_Chain1_5775MHz

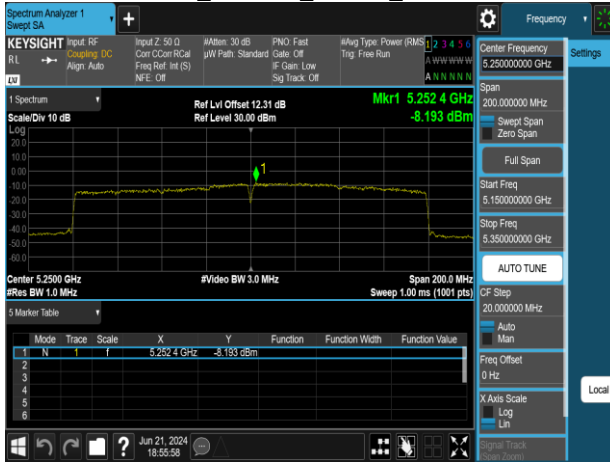


802.11ax_80MHz_Chain1_5530MHz

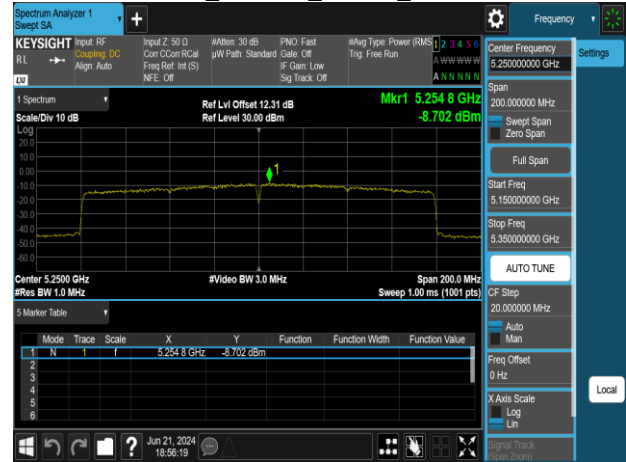


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802.11ax_160MHz_Chain0_5250MHz



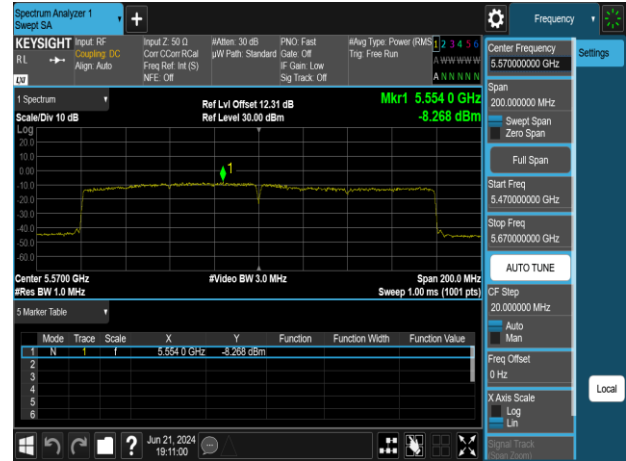
802.11ax_160MHz_Chain1_5250MHz



802.11ax_160MHz_Chain0_5570MHz



802.11ax_160MHz_Chain1_5570MHz



4.5 RADIATION BANDEGE AND SPURIOUS EMISSION

4.5.1 Test Limit

FCC according to §15.407, §15.209 and §15.205,

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 (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)

UNII-1 :

For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

UNII-2a and 2c :

For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

UNII-3:

All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

4.5.2 Test Procedure

Test method Refer as KDB 789033 D02.

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 40GHz set to the low, Mid and High channels with the EUT transmit.
4. No emission found between lowest internal used/generated frequency to 30MHz (9KHz~30MHz)

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

5. The SA setting following :

(1) Below 30MHz :

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

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

(2) 30MHz to 1GHz : RBW = 100kHz, VBW \geq 3*RBW, Sweep = Auto,
Detector = Peak, Trace = Max hold.

(3) Above 1GHz :

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

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

·If Duty Cycle \geq 98%, VBW=10Hz.

·If Duty Cycle < 98%, VBW=1/T.

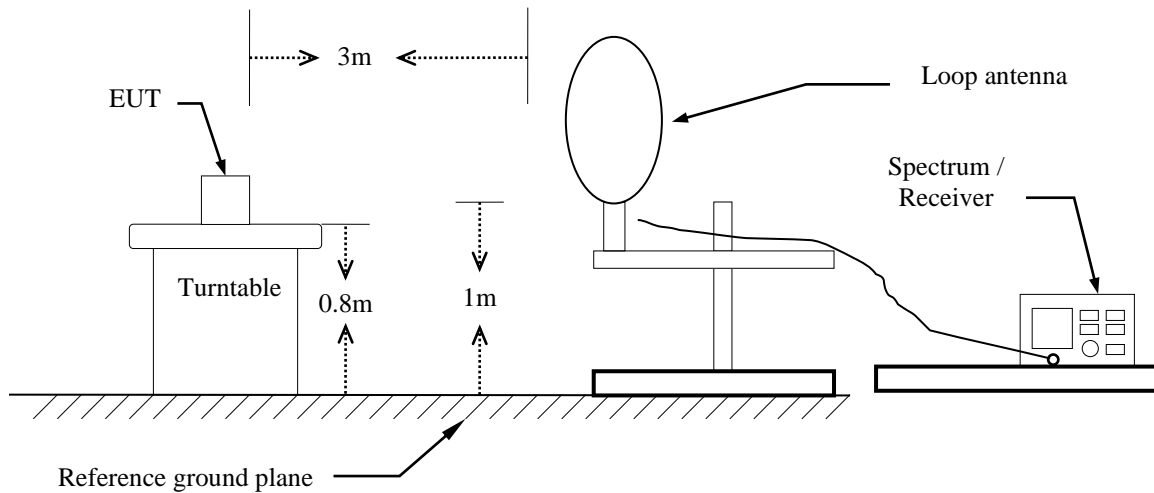
6. Data result :

Actual FS=Spectrum Reading Level + Factor

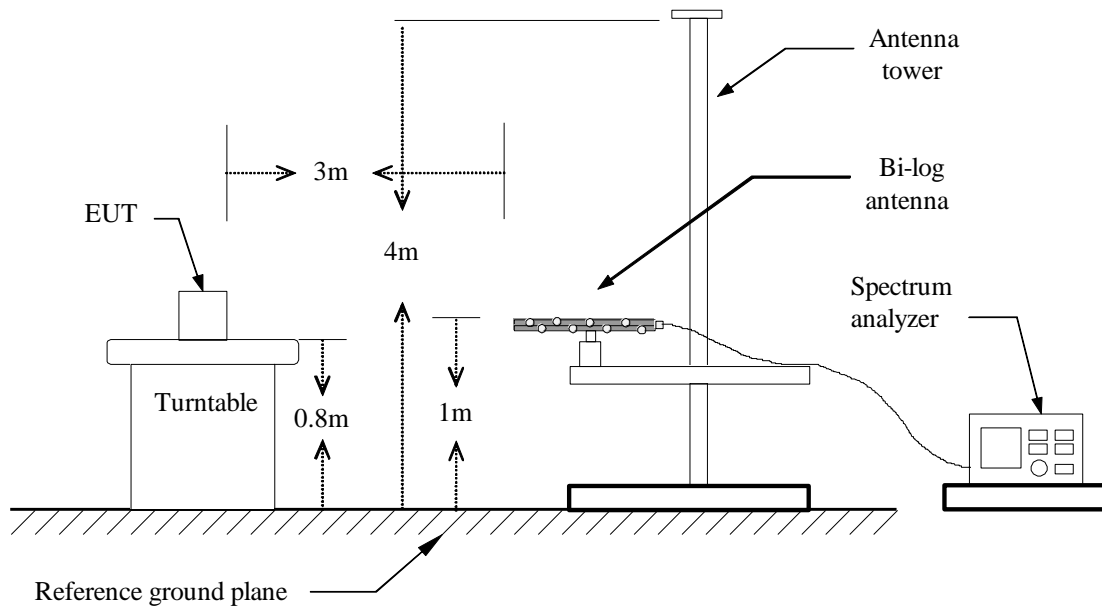
Margin=Actual FS- Limit

4.5.3 Test Setup

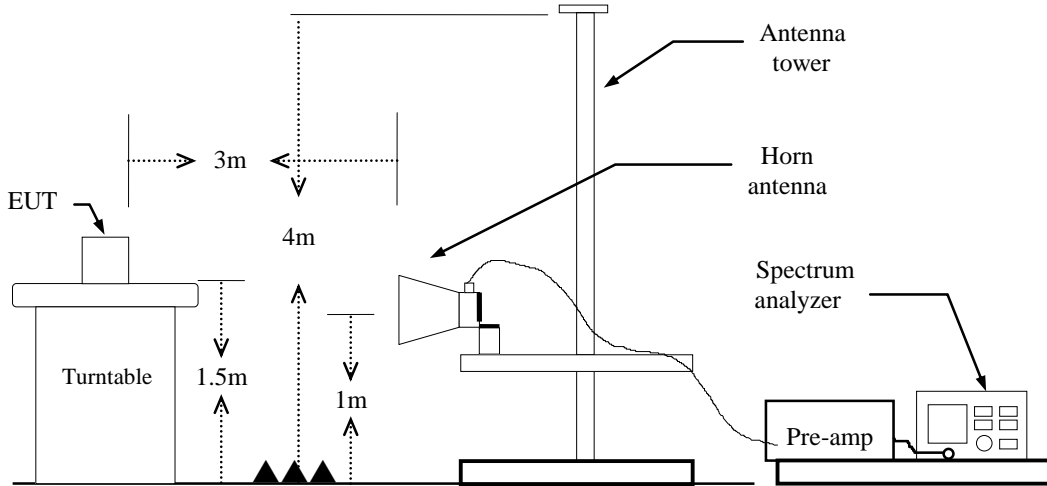
9kHz ~ 30MHz



30MHz ~ 1GHz



Above 1 GHz

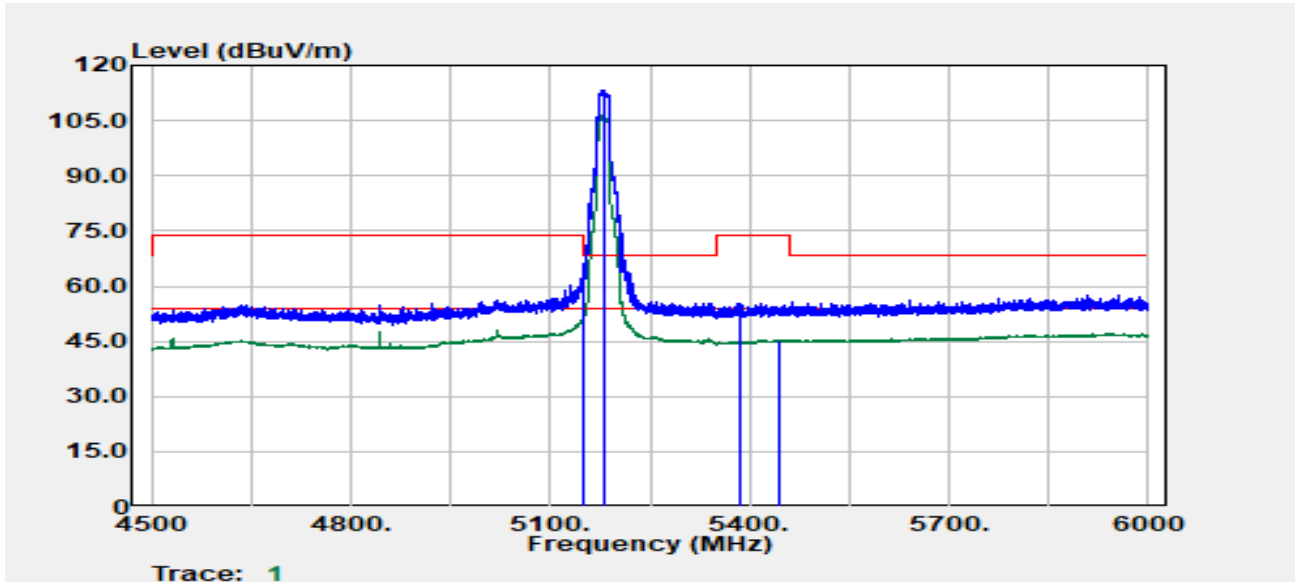


4.5.4 Test Result

Non-Beamforming

Band Edge Test Data

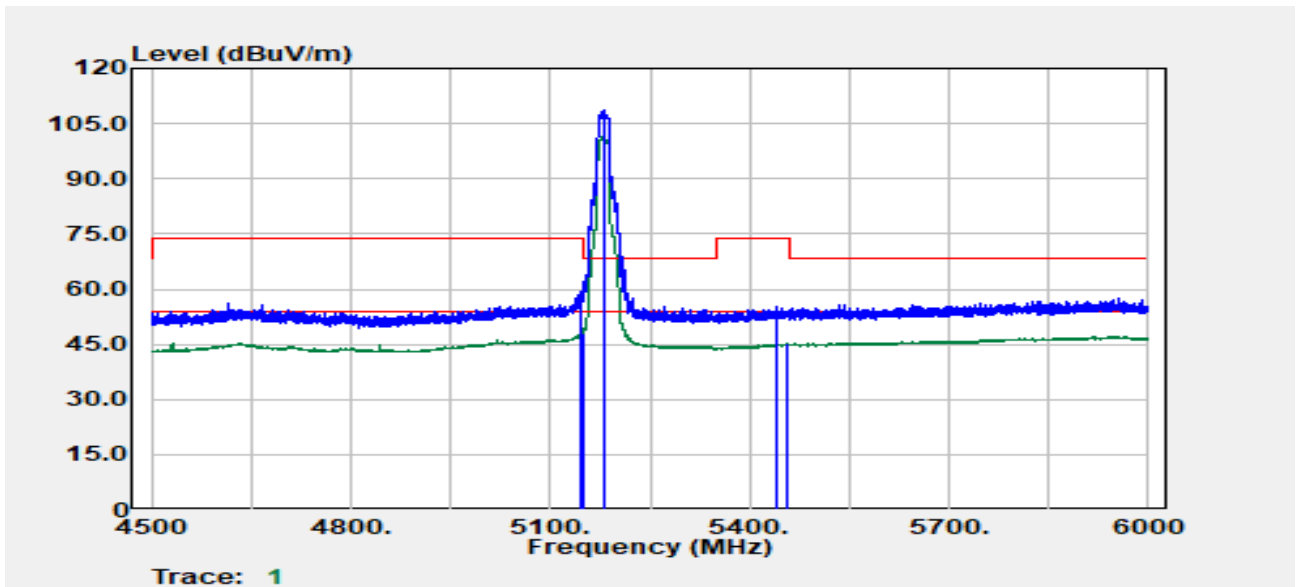
Project No	:TM-2309000207P	Test Date	:2024-04-18
Operation Band	:802.11a/Band1_CH0	Temp./Humi.	:24.4/61
Frequency	:5180 MHz	Antenna Pol.	:Vertical
Operation Mode	:Bandedge	Engineer	:Tony Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:20.5		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
5149.68	Peak	51.61	13.73	65.34	74.00	-8.66
5149.93	Average	37.47	13.73	51.20	54.00	-2.80
5180.00	Peak	99.38	13.81	113.19	--	--
5180.00	Average	92.64	13.81	106.45	--	--
5385.81	Peak	41.31	14.00	55.32	74.00	-18.68
5444.53	Average	30.92	14.37	45.29	54.00	-8.71

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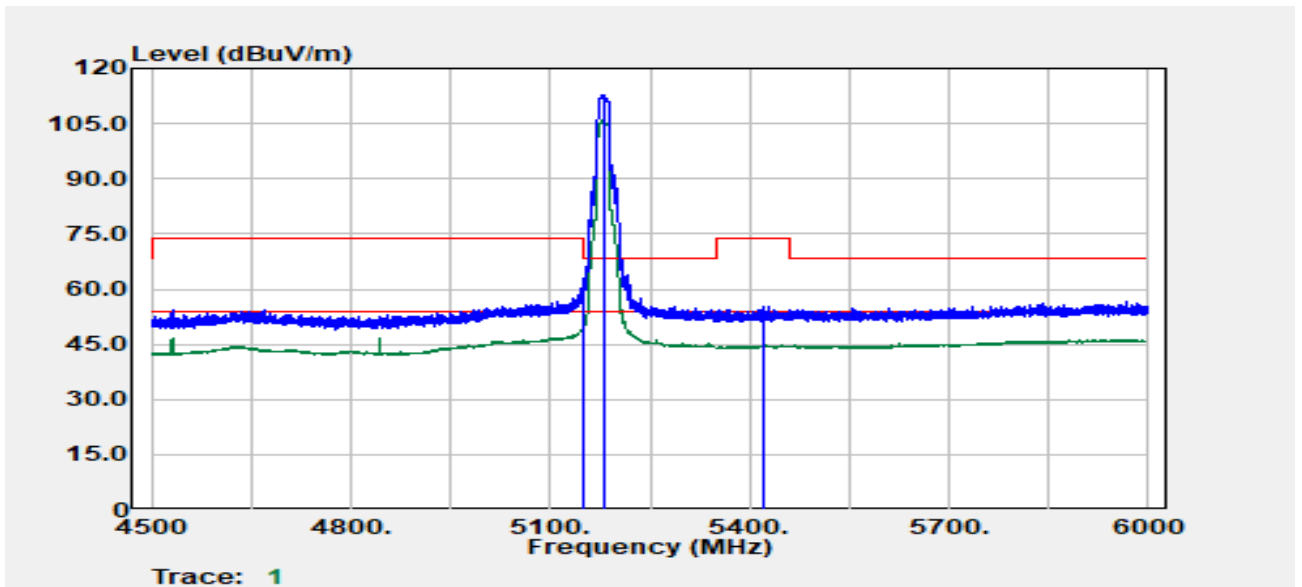
Project No	:TM-2309000207P	Test Date	:2024-04-18
Operation Band	:802.11a/Band1_CH0	Temp./Humi.	:24.4/61
Frequency	:5180 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Tony Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:20.5		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5146.93	Peak	45.78	13.73	59.51	74.00	-14.49
5149.18	Average	34.45	13.73	48.18	54.00	-5.82
5180.00	Peak	94.95	13.81	108.76	--	--
5180.00	Average	87.78	13.81	101.58	--	--
5441.03	Peak	40.68	14.35	55.03	74.00	-18.97
5455.27	Average	30.66	14.40	45.06	54.00	-8.94

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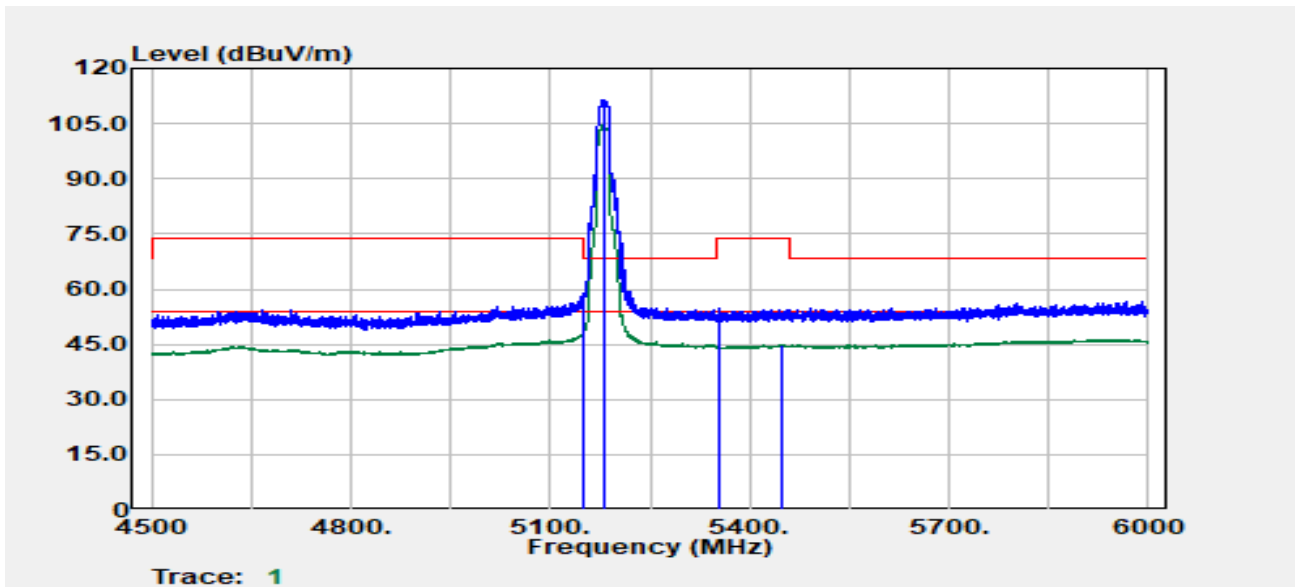
Project No	:TM-2309000207P	Test Date	:2024-04-18
Operation Band	:802.11a/Band1_CH1	Temp./Humi.	:24.4/61
Frequency	:5180 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Ray Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:19.5		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5149.61	Peak	50.00	12.92	62.92	74.00	-11.08
5150.00	Average	37.03	12.92	49.95	54.00	-4.05
5180.00	Peak	99.67	12.99	112.66	--	--
5180.00	Average	93.03	12.99	106.02	--	--
5419.40	Average	31.61	13.31	44.93	54.00	-9.07
5419.65	Peak	41.77	13.32	55.09	74.00	-18.91

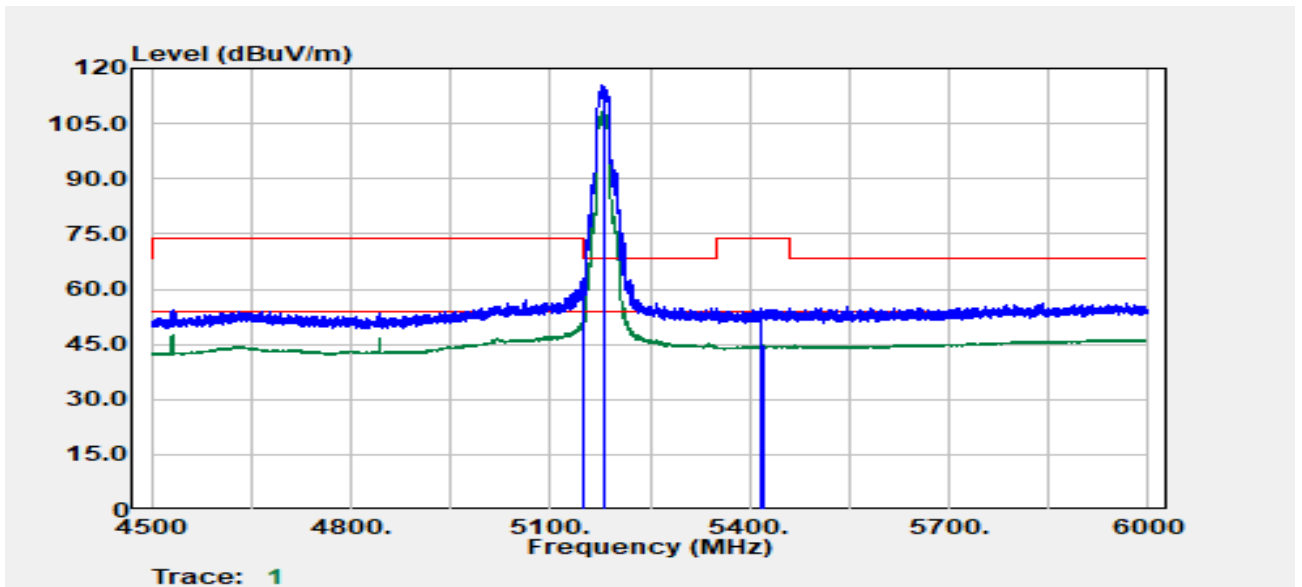
Report No.: TMWK2309003309KR

Project No	:TM-2309000207P	Test Date	:2024-04-18
Operation Band	:802.11a/Band1_CH1	Temp./Humi.	:24.4/61
Frequency	:5180 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Ray Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:19.5		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5150.00	Peak	45.61	12.92	58.53	68.20	-9.67
5150.00	Average	35.52	12.92	48.44	54.00	-5.56
5180.00	Peak	98.33	12.99	111.32	--	--
5180.00	Average	91.63	12.99	104.62	--	--
5353.14	Peak	41.67	13.10	54.77	74.00	-19.23
5446.91	Average	31.16	13.50	44.66	54.00	-9.34

Project No	:TM-2309000207P	Test Date	:2024-04-19
Operation Band	:802.11n20/Band1	Temp./Humi.	:24.4/61
Frequency	:5180 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Ray Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:20		

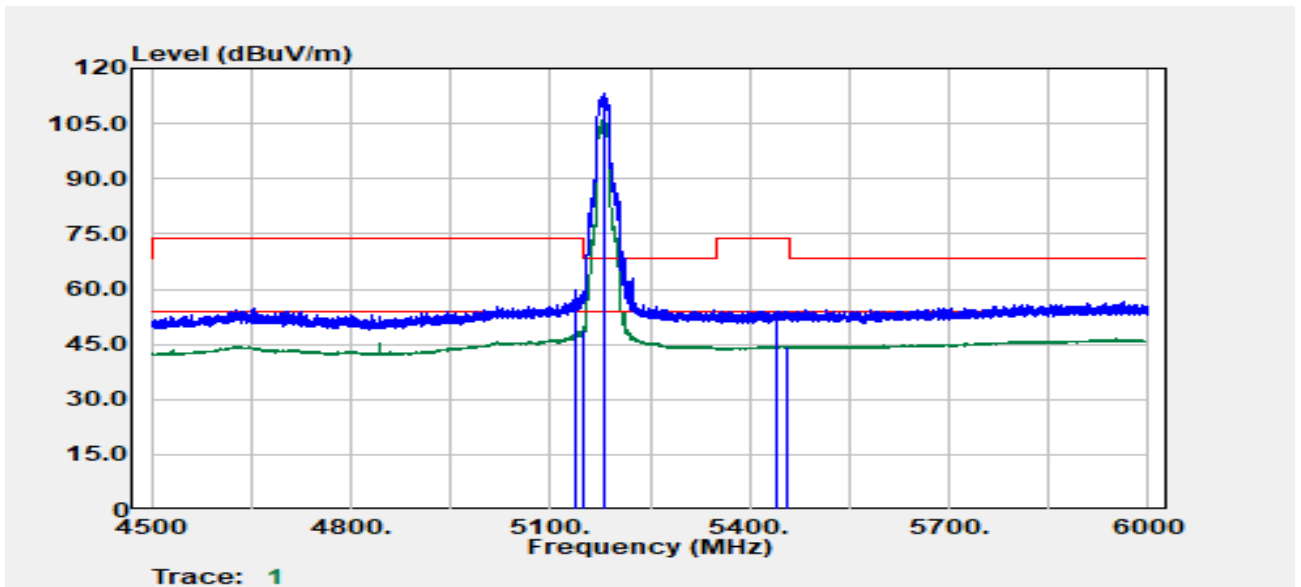


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5148.68	Average	38.55	12.92	51.47	54.00	-2.53
5149.93	Peak	49.99	12.92	62.91	74.00	-11.09
5180.00	Peak	102.39	12.99	115.38	--	--
5180.00	Average	95.27	12.99	108.26	--	--
5416.04	Peak	41.57	13.29	54.86	74.00	-19.14
5421.29	Average	31.32	13.33	44.65	54.00	-9.35

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Project No :TM-2309000207P
 Operation Band :802.11n20/Band1
 Frequency :5180 MHz
 Operation Mode :Bandedge
 EUT Pol :E2
 Setting :20

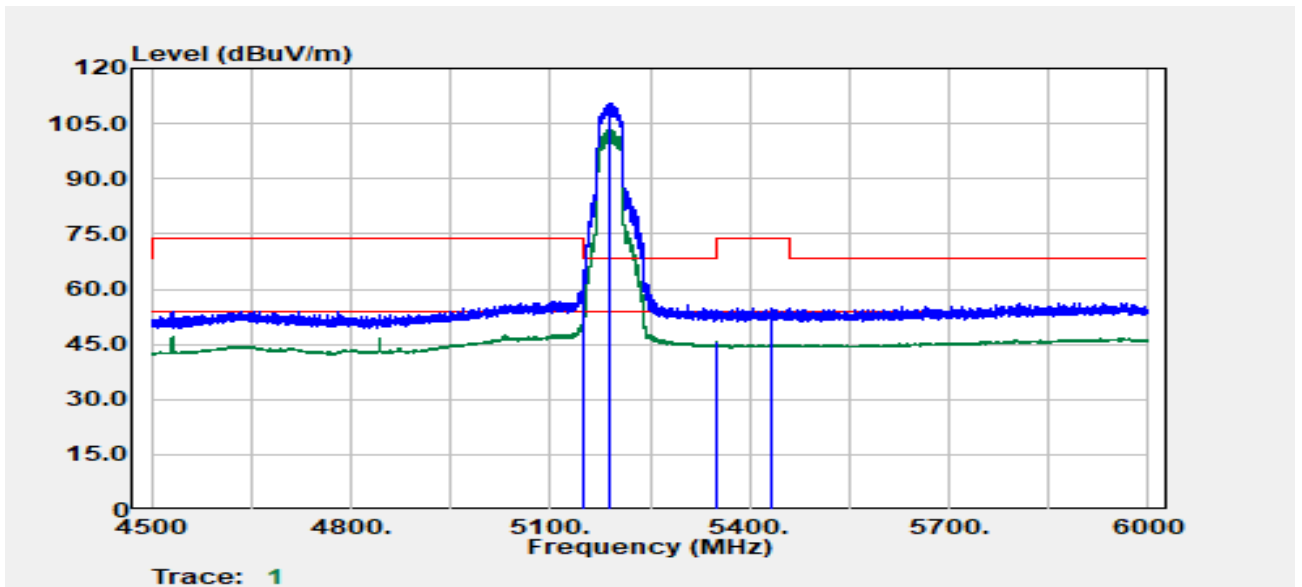
Test Date :2024-04-16
 Temp./Humi. :24.5/57
 Antenna Pol. :HORIZONTAL
 Engineer :Ray Li
 Test Chamber : 966A



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5138.36	Peak	46.98	12.93	59.91	74.00	-14.09
5148.36	Average	35.91	12.92	48.83	54.00	-5.17
5180.00	Peak	100.06	12.99	113.05	--	--
5180.00	Average	92.84	12.99	105.84	--	--
5438.66	Peak	40.62	13.45	54.07	74.00	-19.93
5455.41	Average	31.00	13.51	44.52	54.00	-9.48

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Project No	:TM-2309000207P	Test Date	:2024-04-19
Operation Band	:802.11n40/Band1	Temp./Humi.	:24.4/61
Frequency	:5190 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Ray Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:17.5		

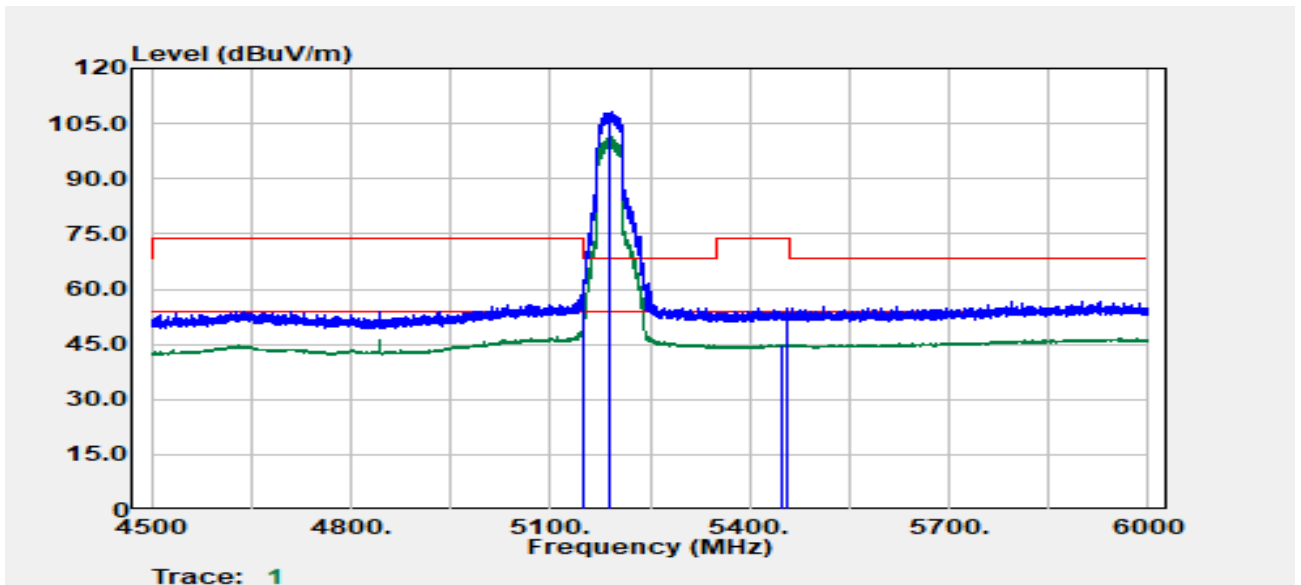


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5150.00	Peak	48.59	12.92	61.51	68.20	-6.69
5150.00	Average	39.45	12.92	52.37	54.00	-1.63
5190.00	Peak	97.44	13.02	110.46	--	--
5190.00	Average	90.69	13.02	103.71	--	--
5350.00	Average	32.67	13.10	45.76	54.00	-8.24
5431.66	Peak	41.34	13.40	54.74	74.00	-19.26

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Project No :TM-2309000207P
 Operation Band :802.11n40/Band1
 Frequency :5190 MHz
 Operation Mode :Bandedge
 EUT Pol :E2
 Setting :17.5

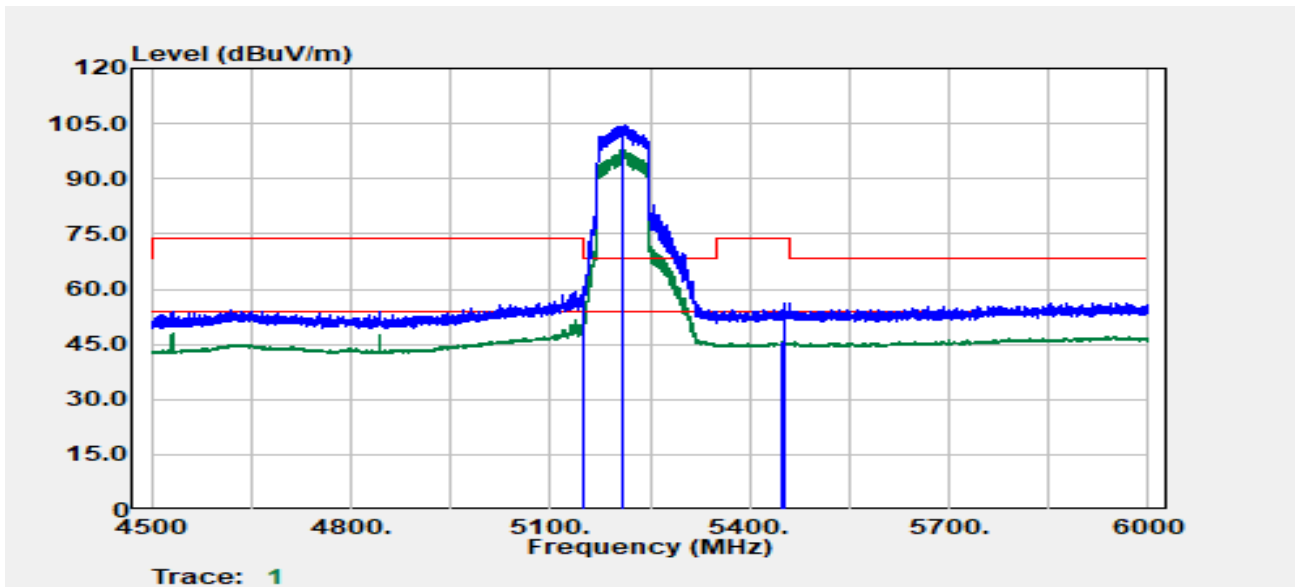
Test Date :2024-04-19
 Temp./Humi. :24.4/61
 Antenna Pol. :HORIZONTAL
 Engineer :Ray Li
 Test Chamber : 966A



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5149.11	Peak	48.69	12.92	61.61	74.00	-12.39
5149.36	Average	36.82	12.92	49.74	54.00	-4.26
5190.00	Peak	95.09	13.02	108.10	--	--
5190.00	Average	88.65	13.02	101.67	--	--
5450.16	Average	31.25	13.52	44.78	54.00	-9.22
5457.41	Peak	41.17	13.50	54.68	74.00	-19.32

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Project No	:TM-2309000207P	Test Date	:2024-04-19
Operation Band	:802.11ac80/Band1	Temp./Humi.	:24.4/61
Frequency	:5210 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Ray Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:15		

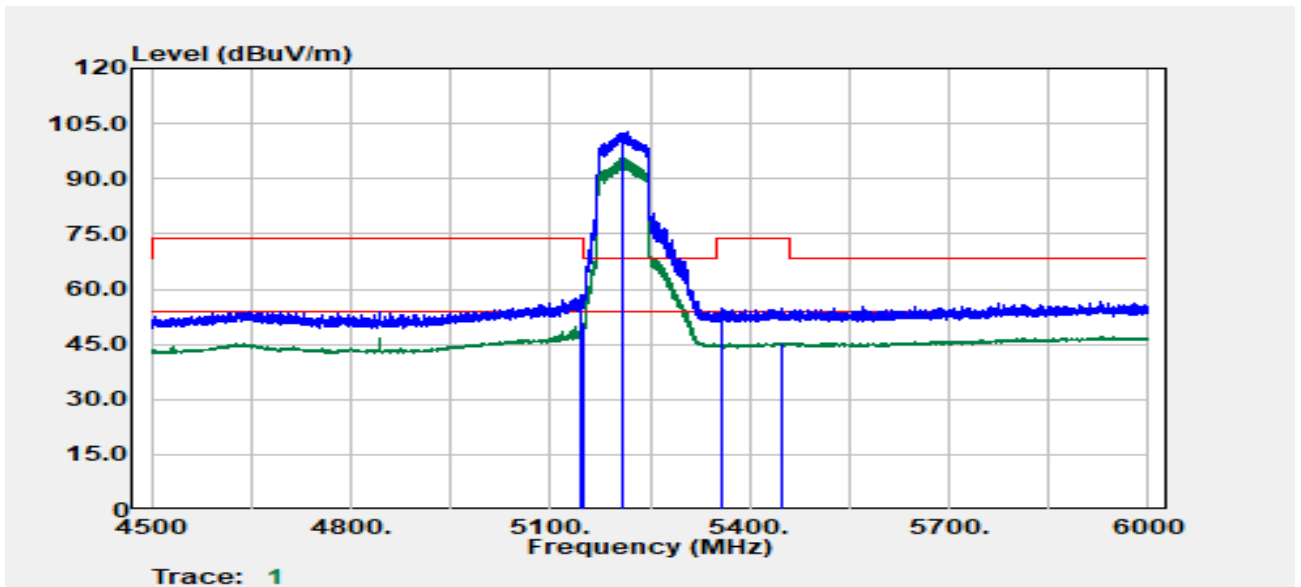


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5149.61	Peak	47.85	12.92	60.77	74.00	-13.23
5149.61	Average	39.71	12.92	52.64	54.00	-1.36
5210.00	Peak	91.59	13.06	104.65	--	--
5210.00	Average	84.77	13.06	97.83	--	--
5449.16	Average	32.11	13.52	45.63	54.00	-8.37
5452.91	Peak	42.41	13.52	55.93	74.00	-18.07

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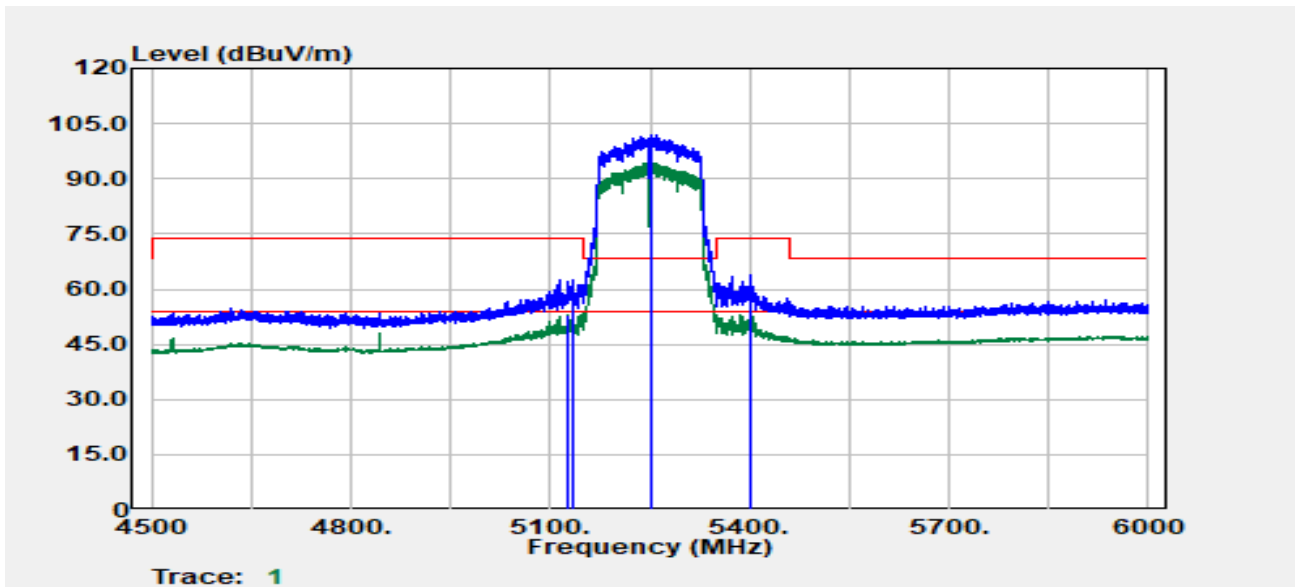
Project No :TM-2309000207P
 Operation Band :802.11ac80/Band1
 Frequency :5210 MHz
 Operation Mode :Bandedge
 EUT Pol :E2
 Setting :15

Test Date :2024-04-19
 Temp./Humi. :24.4/61
 Antenna Pol. :HORIZONTAL
 Engineer :Ray Li
 Test Chamber : 966A



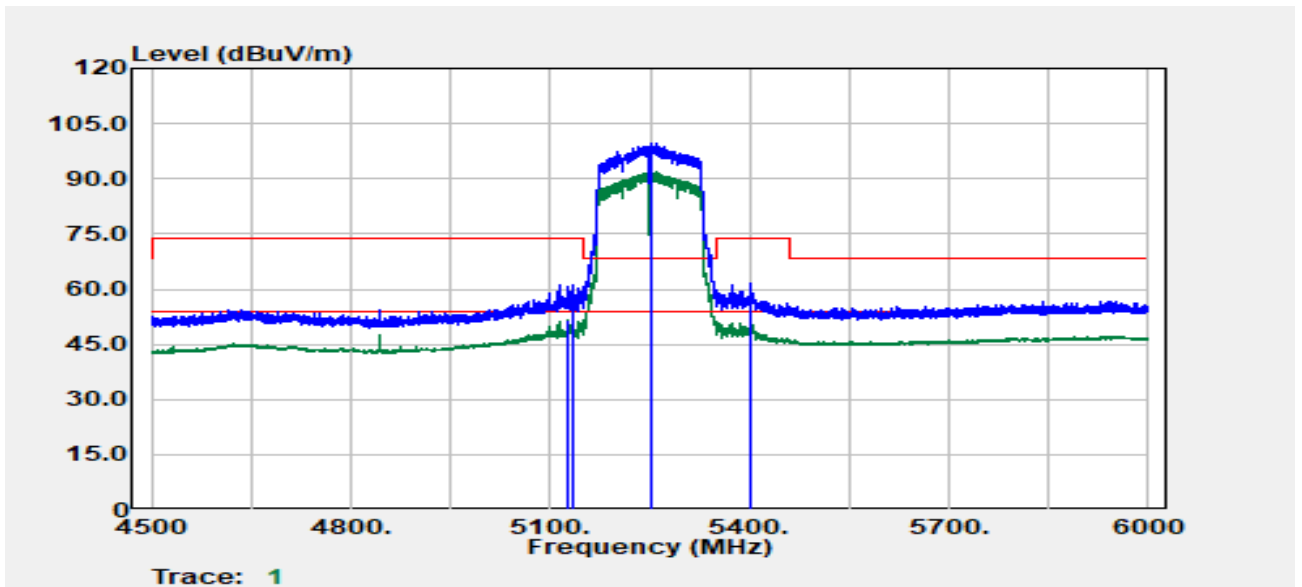
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5146.36	Peak	45.56	12.92	58.48	74.00	-15.52
5149.11	Average	37.99	12.92	50.91	54.00	-3.09
5210.00	Peak	89.59	13.06	102.64	--	--
5210.00	Average	82.73	13.06	95.78	--	--
5357.39	Peak	41.81	13.11	54.91	74.00	-19.09
5448.91	Average	31.92	13.52	45.44	54.00	-8.56

Project No	:TM-2309000207P	Test Date	:2024-04-22
Operation Band	:802.11ac160/Band1~2	Temp./Humi.	:24.4/58
Frequency	:5250 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Ray Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:16		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5127.35	Average	40.23	12.94	53.17	54.00	-0.83
5132.61	Peak	49.73	12.93	62.66	74.00	-11.34
5250.00	Peak	88.99	13.12	102.10	--	--
5250.00	Average	81.28	13.12	94.40	--	--
5402.40	Peak	50.43	13.20	63.63	74.00	-10.37
5402.40	Average	40.22	13.20	53.42	54.00	-0.58

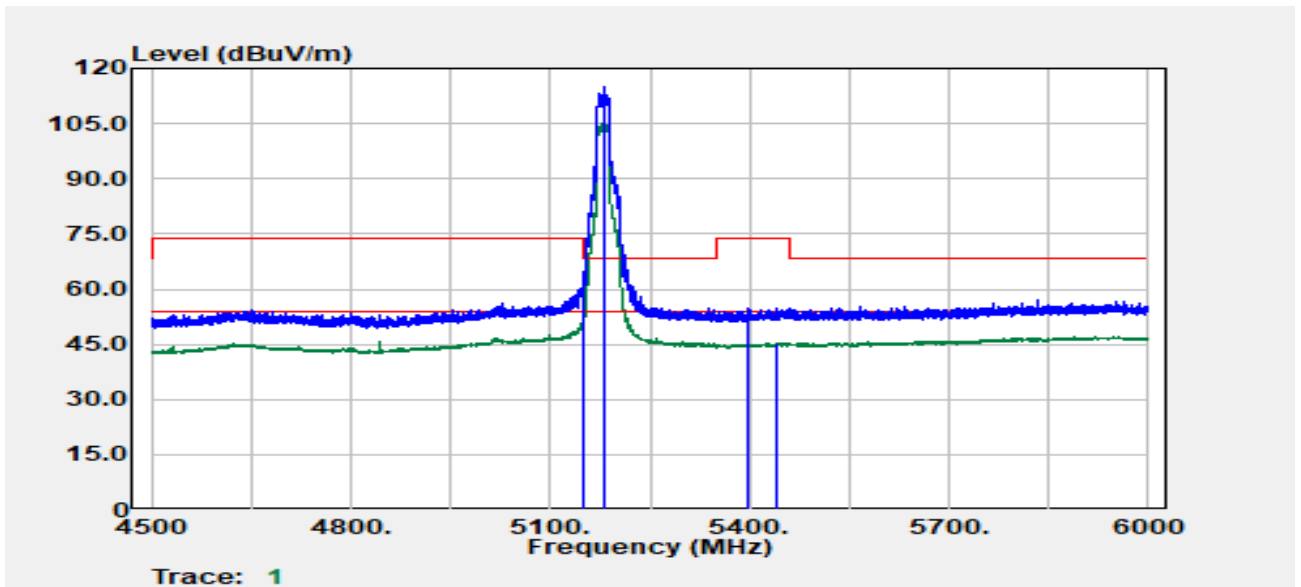
Project No	:TM-2309000207P	Test Date	:2024-04-22
Operation Band	:802.11ac160/Band1~2	Temp./Humi.	:24.4/58
Frequency	:5250 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Ray Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:16		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5127.35	Average	38.83	12.94	51.77	54.00	-2.23
5132.86	Peak	48.36	12.93	61.30	74.00	-12.70
5250.00	Peak	86.43	13.12	99.54	--	--
5250.00	Average	78.84	13.12	91.96	--	--
5400.65	Peak	48.57	13.18	61.76	74.00	-12.24
5401.15	Average	38.49	13.19	51.68	54.00	-2.32

Report No.: TMWK2309003309KR

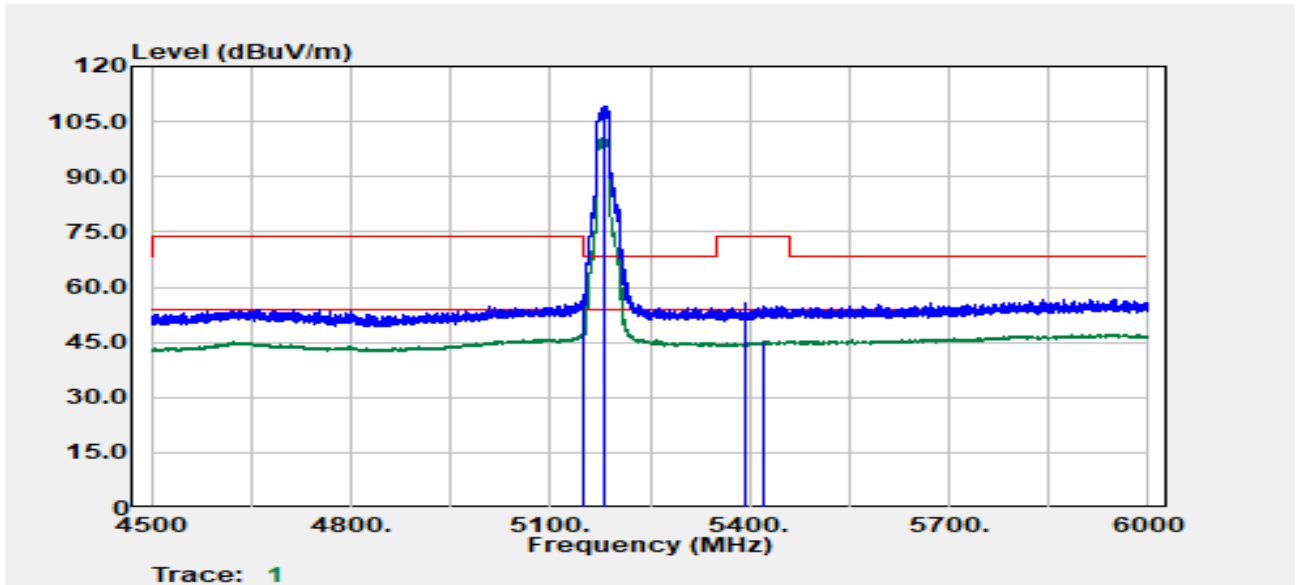
Project No	:TM-2309000207P	Test Date	:2024-04-22
Operation Band	:802.11ax20/Band1	Temp./Humi.	:24.4/58
Frequency	:5180 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Ray Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:20		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5149.36	Average	38.60	12.92	51.52	54.00	-2.48
5149.61	Peak	51.85	12.92	64.77	74.00	-9.23
5180.00	Peak	102.00	12.99	115.00	--	--
5180.00	Average	92.41	12.99	105.40	--	--
5395.65	Peak	41.67	13.17	54.84	74.00	-19.16
5442.41	Average	31.95	13.47	45.42	54.00	-8.58

Project No :TM-2309000207P
 Operation Band :802.11ax20/Band1
 Frequency :5180 MHz
 Operation Mode :Bandedge
 EUT Pol :E2
 Setting :20

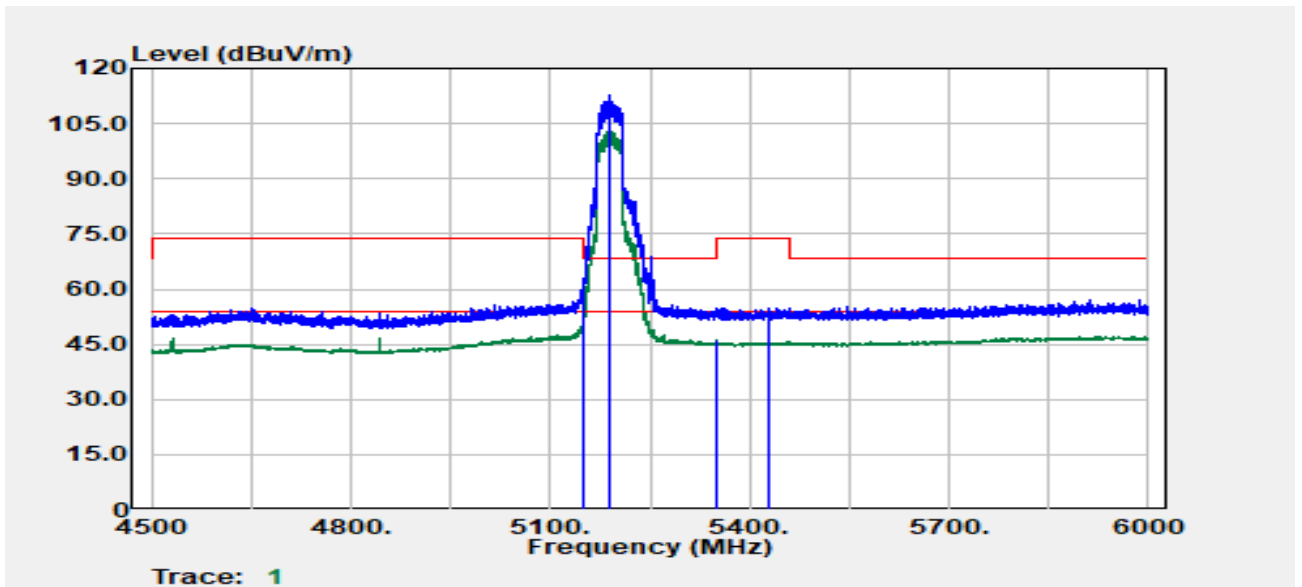
Test Date :2024-04-22
 Temp./Humi. :24.4/58
 Antenna Pol. :HORIZONTAL
 Engineer :Ray Li
 Test Chamber : 966A



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5147.86	Peak	43.20	12.92	56.12	74.00	-17.88
5150.00	Average	34.42	12.92	47.34	54.00	-6.66
5180.00	Peak	96.02	12.99	109.02	--	--
5180.00	Average	87.71	12.99	100.70	--	--
5392.15	Peak	42.38	13.17	55.55	74.00	-18.45
5419.90	Average	31.82	13.32	45.14	54.00	-8.86

Report No.: TMWK2309003309KR

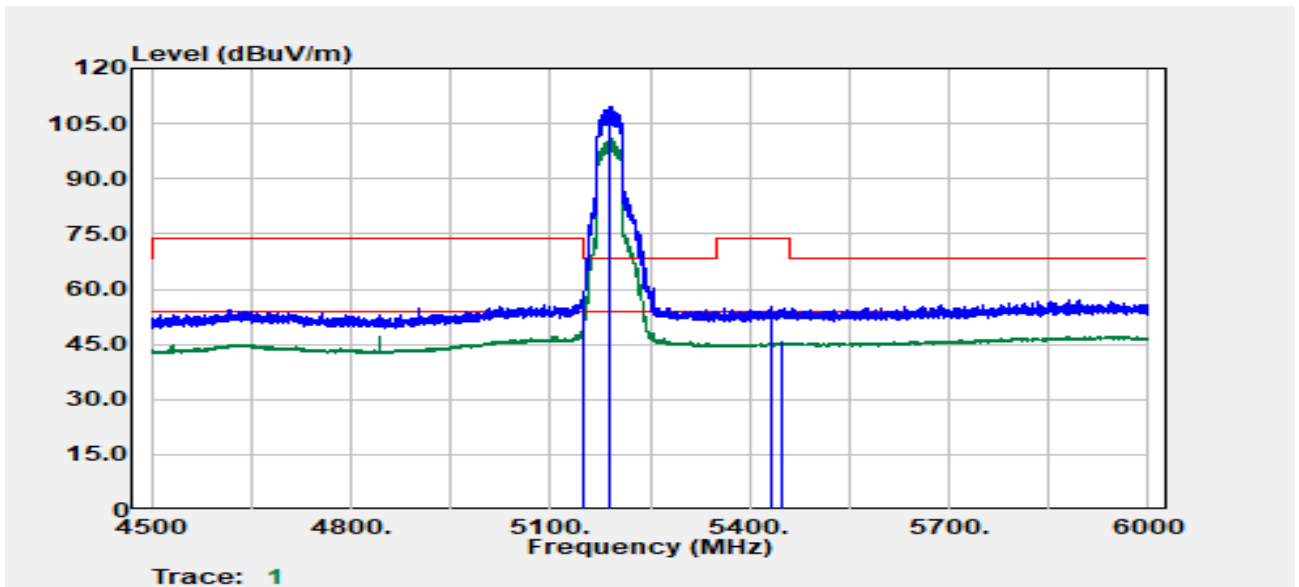
Project No	:TM-2309000207P	Test Date	:2024-04-22
Operation Band	:802.11ax40/Band1	Temp./Humi.	:24.4/58
Frequency	:5190 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Ray Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:17.5		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5149.86	Peak	49.88	12.92	62.80	74.00	-11.20
5150.00	Average	38.66	12.92	51.58	54.00	-2.42
5190.00	Peak	99.66	13.02	112.67	--	--
5190.00	Average	90.19	13.02	103.20	--	--
5350.14	Average	33.30	13.10	46.40	54.00	-7.60
5429.66	Peak	41.53	13.38	54.92	74.00	-19.08

Report No.: TMWK2309003309KR

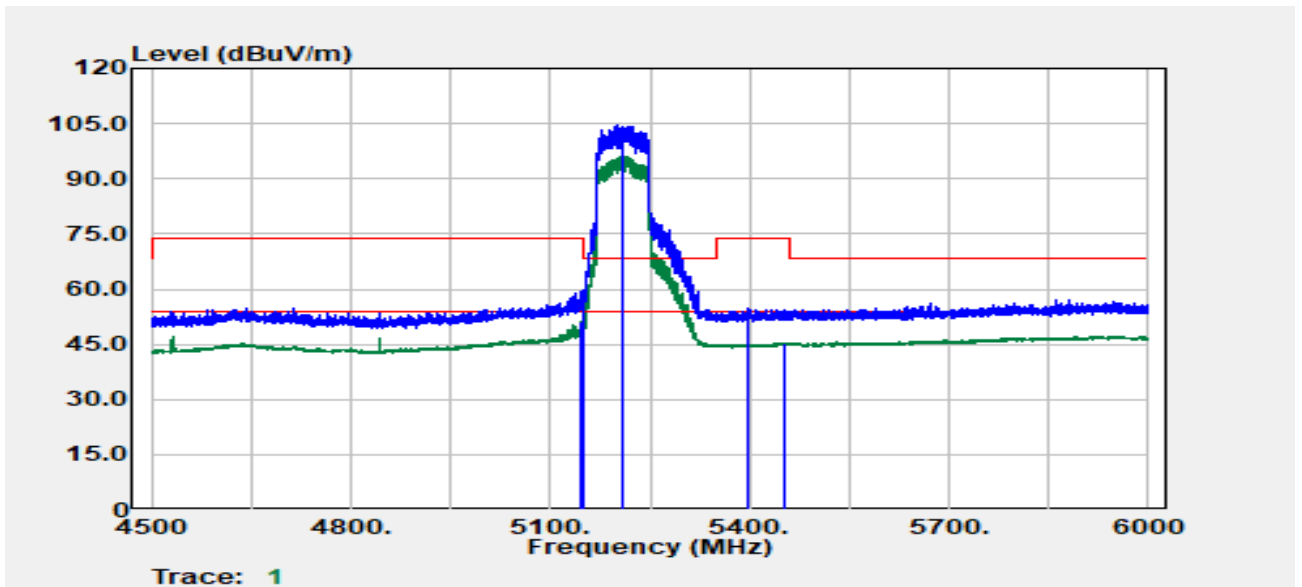
Project No	:TM-2309000207P	Test Date	:2024-04-22
Operation Band	:802.11ax40/Band1	Temp./Humi.	:24.4/58
Frequency	:5190 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Ray Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:17.5		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5149.11	Peak	45.49	12.92	58.41	74.00	-15.59
5150.00	Average	37.01	12.92	49.93	54.00	-4.07
5190.00	Peak	96.67	13.02	109.69	--	--
5190.00	Average	87.85	13.02	100.86	--	--
5431.41	Peak	41.99	13.40	55.38	74.00	-18.62
5450.16	Average	32.24	13.52	45.77	54.00	-8.23

Report No.: TMWK2309003309KR

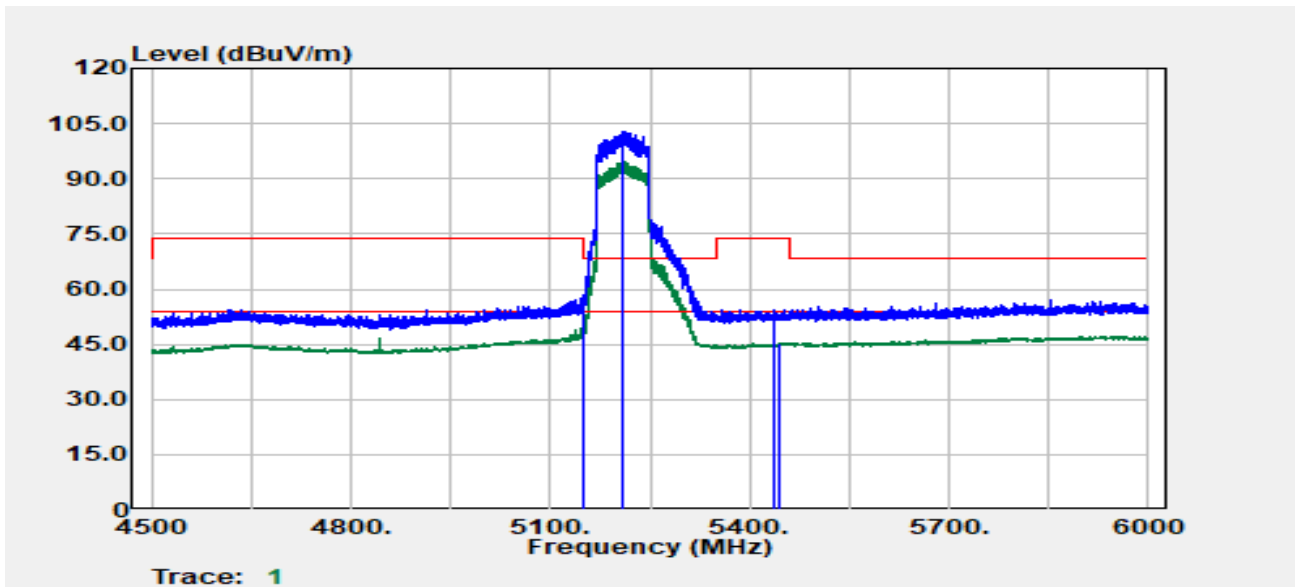
Project No	:TM-2309000207P	Test Date	:2024-04-23
Operation Band	:802.11ax80/Band1	Temp./Humi.	:24.4/58
Frequency	:5210 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Ray Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:14.5		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5146.11	Average	38.08	12.92	51.00	54.00	-3.00
5150.00	Peak	46.41	12.92	59.33	68.20	-8.87
5210.00	Peak	91.60	13.06	104.65	--	--
5210.00	Average	83.26	13.06	96.32	--	--
5399.15	Peak	41.74	13.18	54.91	74.00	-19.09
5453.41	Average	31.86	13.52	45.37	54.00	-8.63

Report No.: TMWK2309003309KR

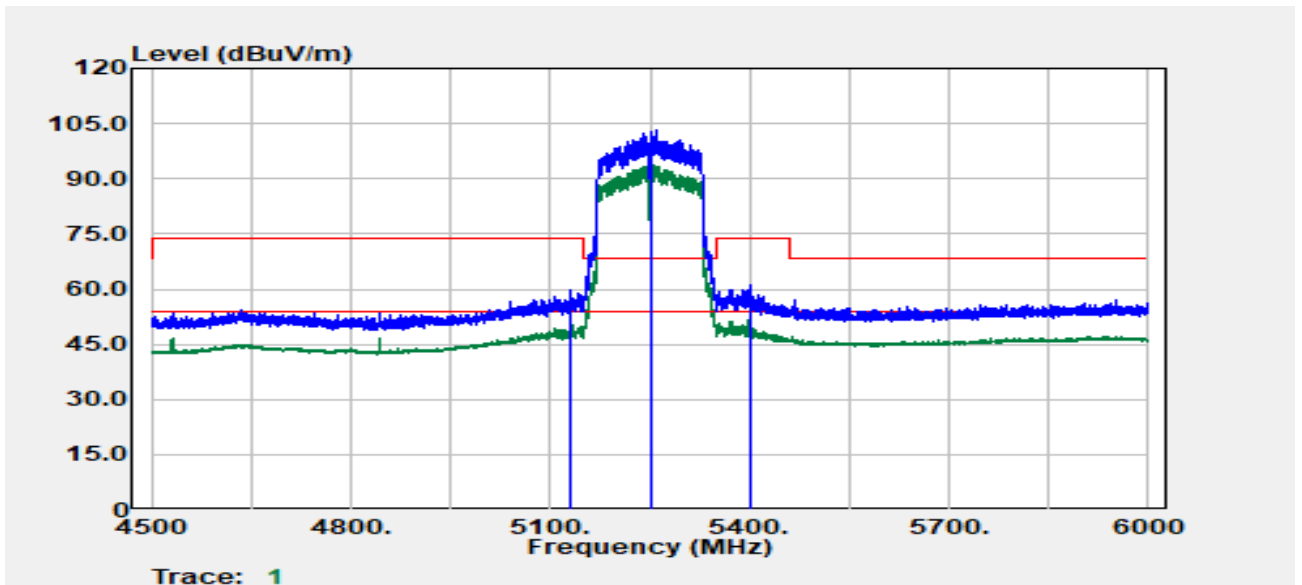
Project No	:TM-2309000207P	Test Date	:2024-04-23
Operation Band	:802.11ax80/Band1	Temp./Humi.	:24.4/58
Frequency	:5210 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Ray Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:14.5		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5149.86	Peak	45.56	12.92	58.48	74.00	-15.52
5149.86	Average	37.55	12.92	50.47	54.00	-3.53
5210.00	Peak	89.85	13.06	102.91	--	--
5210.00	Average	81.92	13.06	94.97	--	--
5437.91	Peak	40.83	13.44	54.27	74.00	-19.73
5445.91	Average	32.01	13.50	45.50	54.00	-8.50

Report No.: TMWK2309003309KR

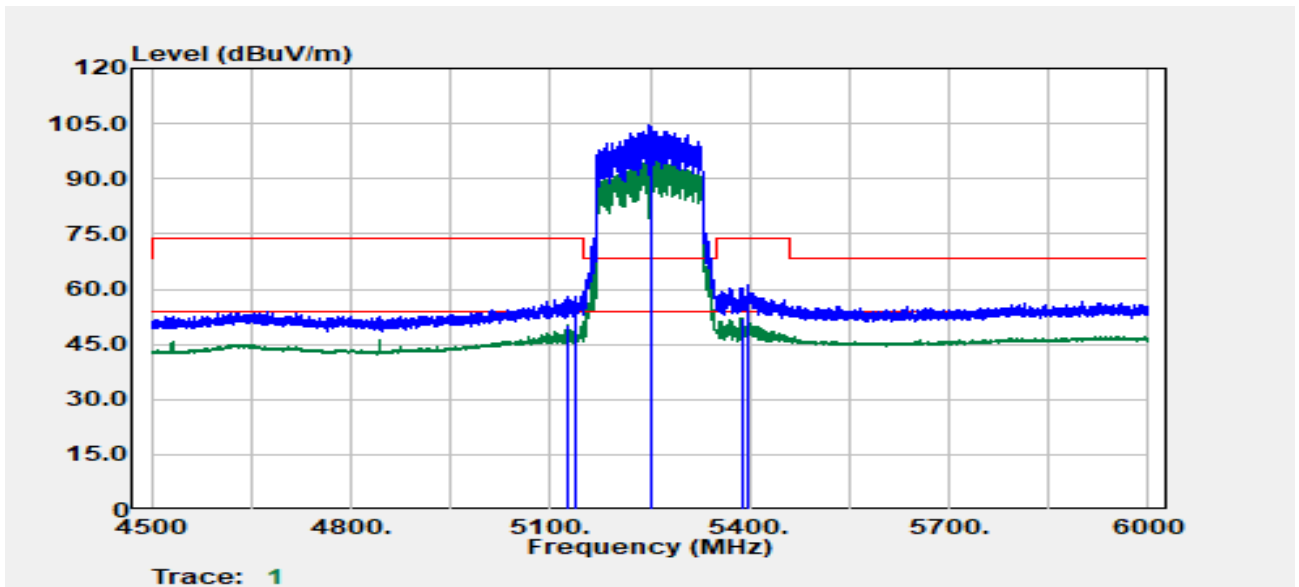
Project No	:TM-2309000207P	Test Date	:2024-04-23
Operation Band	:802.11ax160/Band1~2	Temp./Humi.	:24.3/59
Frequency	:5250 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Tony Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:15		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5131.43	Peak	46.76	12.93	59.69	74.00	-14.31
5131.43	Average	38.26	12.93	51.20	54.00	-2.80
5250.00	Peak	90.07	13.12	103.18	--	--
5250.00	Average	80.45	13.12	93.56	--	--
5401.05	Peak	47.95	13.19	61.13	74.00	-12.87
5401.30	Average	39.99	13.19	53.18	54.00	-0.82

Report No.: TMWK2309003309KR

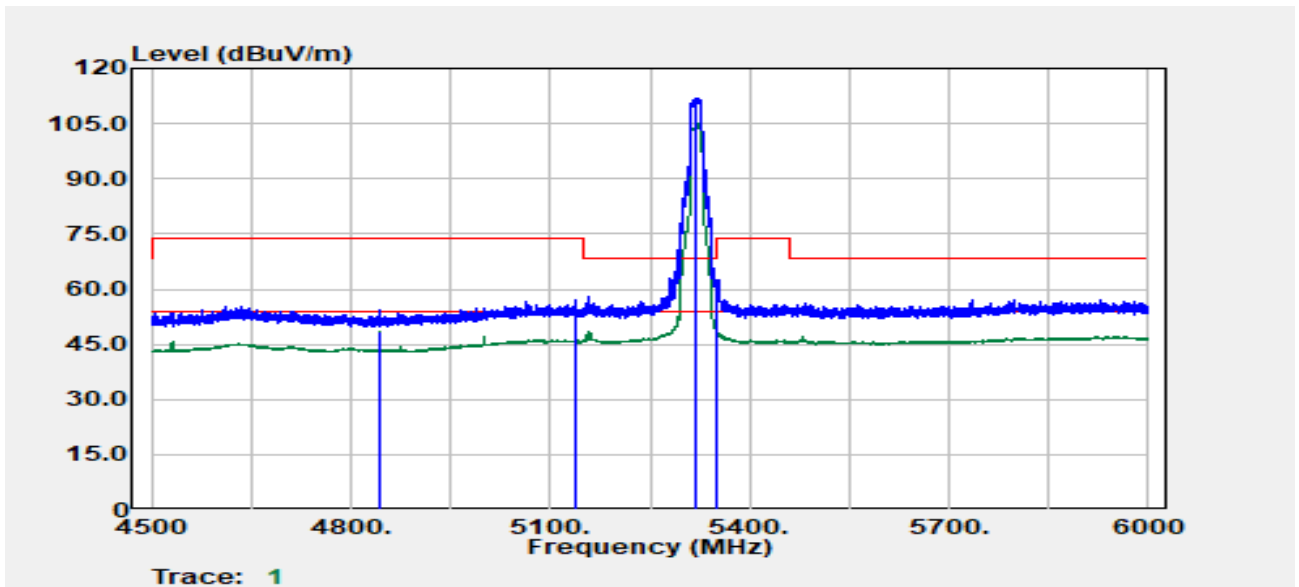
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Operation Band	:802.11ax160/Band1~2	Temp./Humi.	:24.3/59
Frequency	:5250 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Tony Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:15		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5127.44	Average	37.42	12.94	50.35	54.00	-3.65
5136.68	Peak	45.20	12.93	58.13	74.00	-15.87
5250.00	Peak	91.35	13.12	104.47	--	--
5250.00	Average	82.06	13.12	95.18	--	--
5387.56	Average	39.06	13.16	52.22	54.00	-1.78
5398.30	Peak	47.88	13.18	61.06	74.00	-12.94

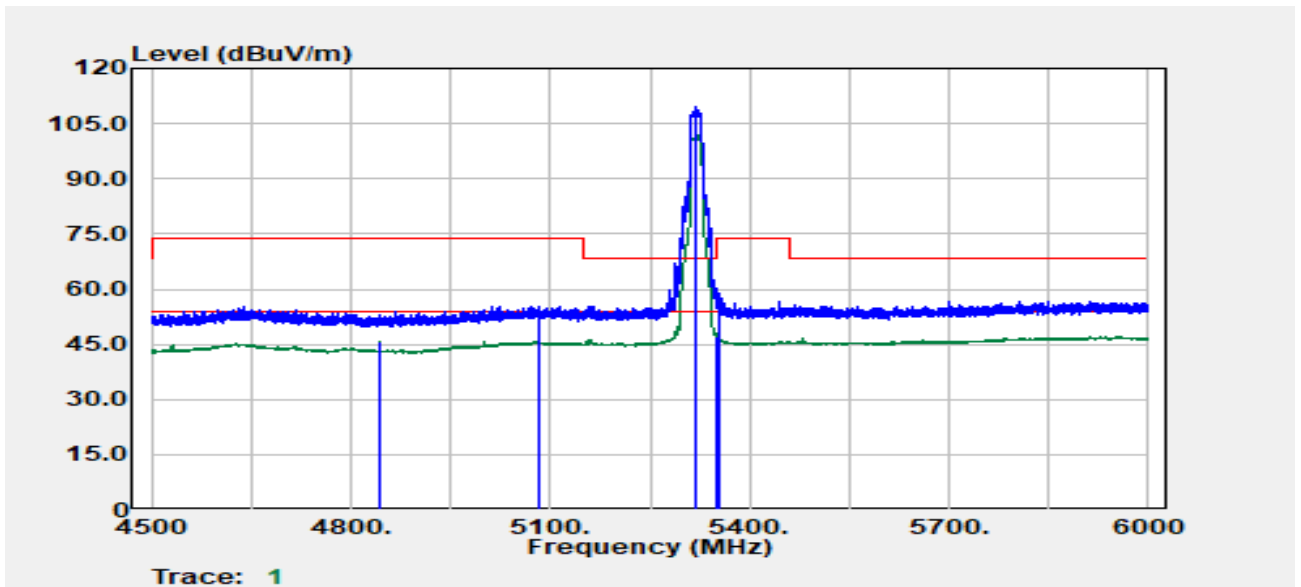
Report No.: TMWK2309003309KR

Project No	:TM-2309000207P	Test Date	:2024-04-18
Operation Band	:802.11a/Band2_CH0	Temp./Humi.	:24.4/61
Frequency	:5320 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Tony Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:19.5		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
4843.83	Average	36.23	12.11	48.34	54.00	-5.66
5138.18	Peak	43.48	13.73	57.22	74.00	-16.78
5320.00	Peak	97.73	14.06	111.79	--	--
5320.00	Average	90.85	14.06	104.91	--	--
5350.33	Average	34.44	13.92	48.35	54.00	-5.65
5351.57	Peak	48.59	13.92	62.51	74.00	-11.49

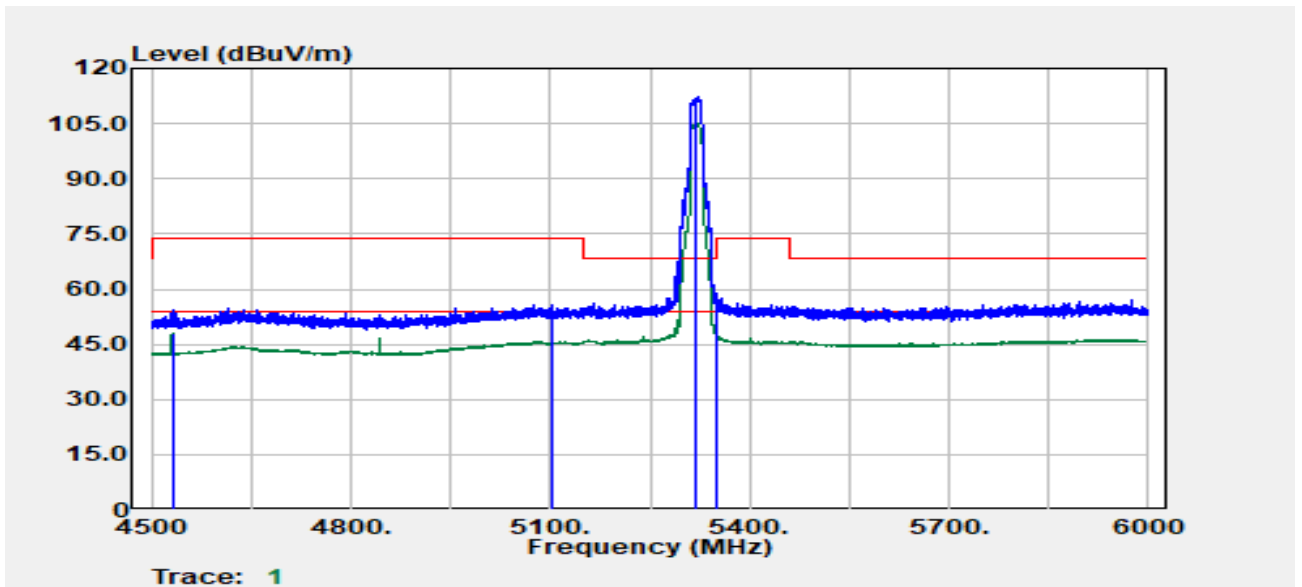
Project No	:TM-2309000207P	Test Date	:2024-04-18
Operation Band	:802.11a/Band2_CH0	Temp./Humi.	:24.4/61
Frequency	:5320 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Tony Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:19.5		



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
4843.58	Average	33.74	12.11	45.85	54.00	-8.15
5082.46	Peak	41.74	13.72	55.46	74.00	-18.54
5320.00	Peak	95.36	14.06	109.42	--	--
5320.00	Average	87.76	14.06	101.82	--	--
5350.08	Average	33.19	13.92	47.11	54.00	-6.89
5354.32	Peak	44.79	13.93	58.72	74.00	-15.28

Report No.: TMWK2309003309KR

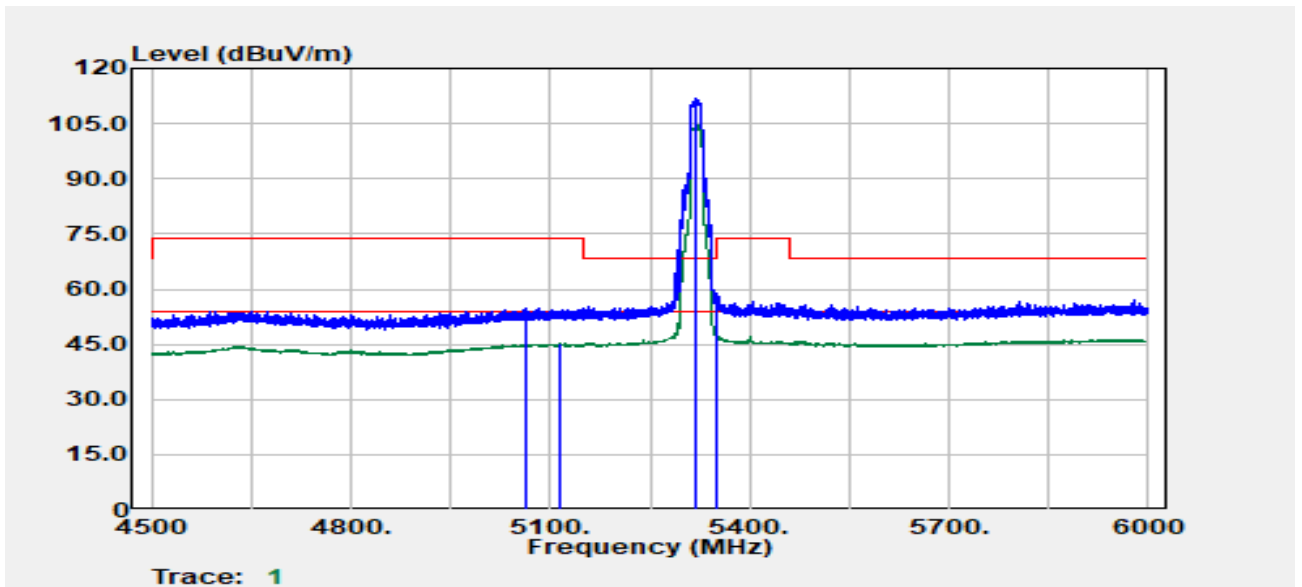
Project No	:TM-2309000207P	Test Date	:2024-04-18
Operation Band	:802.11a/Band2_CH1	Temp./Humi.	:24.4/61
Frequency	:5320 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Ray Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:18.5		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
4531.01	Average	36.20	11.74	47.95	54.00	-6.05
5104.10	Peak	42.79	12.96	55.75	74.00	-18.25
5320.00	Peak	99.08	13.25	112.32	--	--
5320.00	Average	92.01	13.25	105.26	--	--
5350.00	Average	34.29	13.10	47.38	54.00	-6.62
5350.39	Peak	44.78	13.10	57.87	74.00	-16.13

Report No.: TMWK2309003309KR

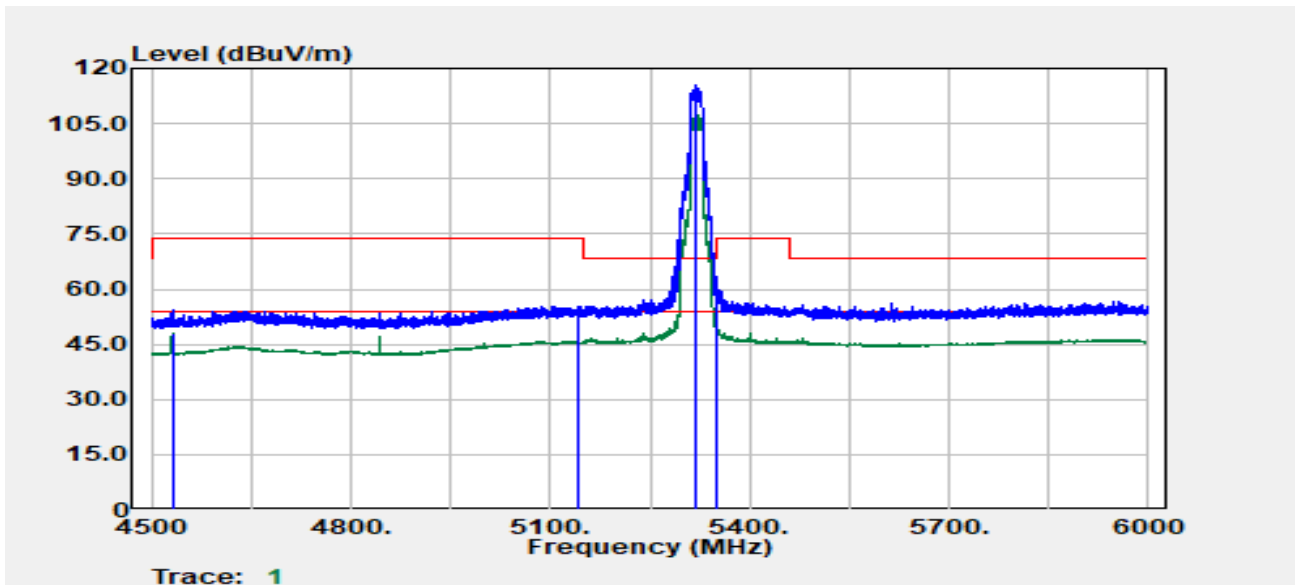
Project No	:TM-2309000207P	Test Date	:2024-04-18
Operation Band	:802.11a/Band2_CH1	Temp./Humi.	:24.4/61
Frequency	:5320 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Ray Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:18.5		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5064.09	Peak	41.80	12.87	54.67	74.00	-19.33
5115.10	Average	32.18	12.95	45.12	54.00	-8.88
5320.00	Peak	98.51	13.25	111.76	--	--
5320.00	Average	91.24	13.25	104.49	--	--
5350.14	Peak	45.17	13.10	58.26	74.00	-15.74
5350.64	Average	34.24	13.10	47.33	54.00	-6.67

Report No.: TMWK2309003309KR

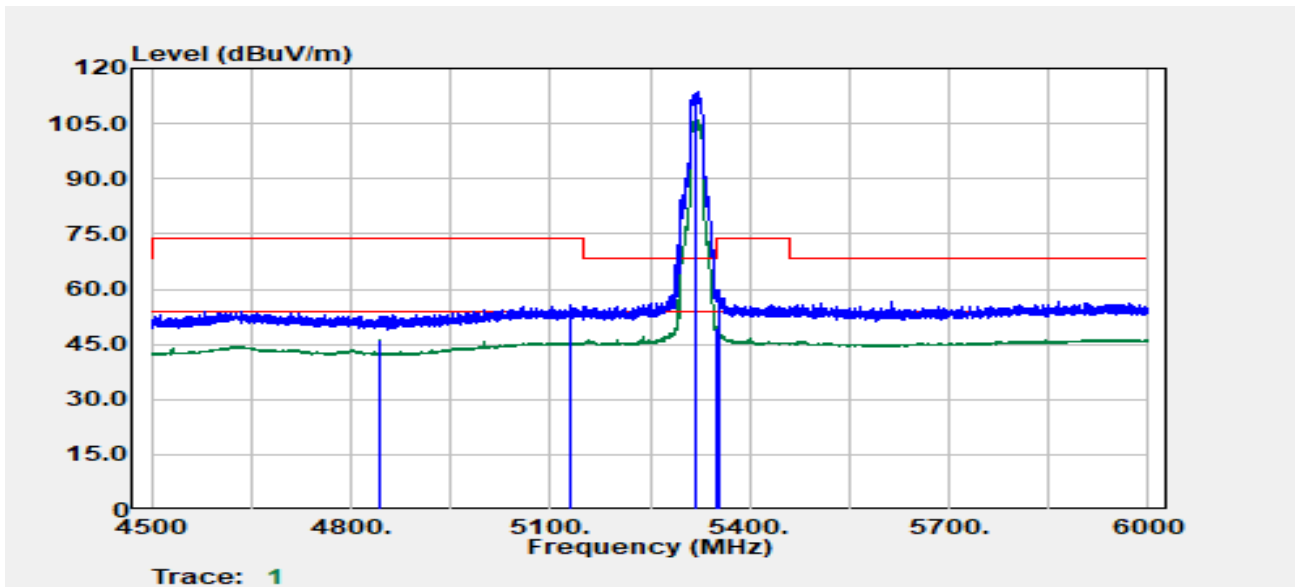
Project No	:TM-2309000207P	Test Date	:2024-04-18
Operation Band	:802.11n20/Band2	Temp./Humi.	:24.4/61
Frequency	:5320 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Ray Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:17		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
4531.26	Average	36.07	11.75	47.81	54.00	-6.19
5140.86	Peak	42.45	12.93	55.38	74.00	-18.62
5320.00	Peak	102.20	13.25	115.45	--	--
5320.00	Average	94.09	13.25	107.33	--	--
5350.00	Average	36.32	13.10	49.41	54.00	-4.59
5351.39	Peak	50.26	13.10	63.36	74.00	-10.64

Project No :TM-2309000207P
 Operation Band :802.11n20/Band2
 Frequency :5320 MHz
 Operation Mode :Bandedge
 EUT Pol :E2
 Setting :17

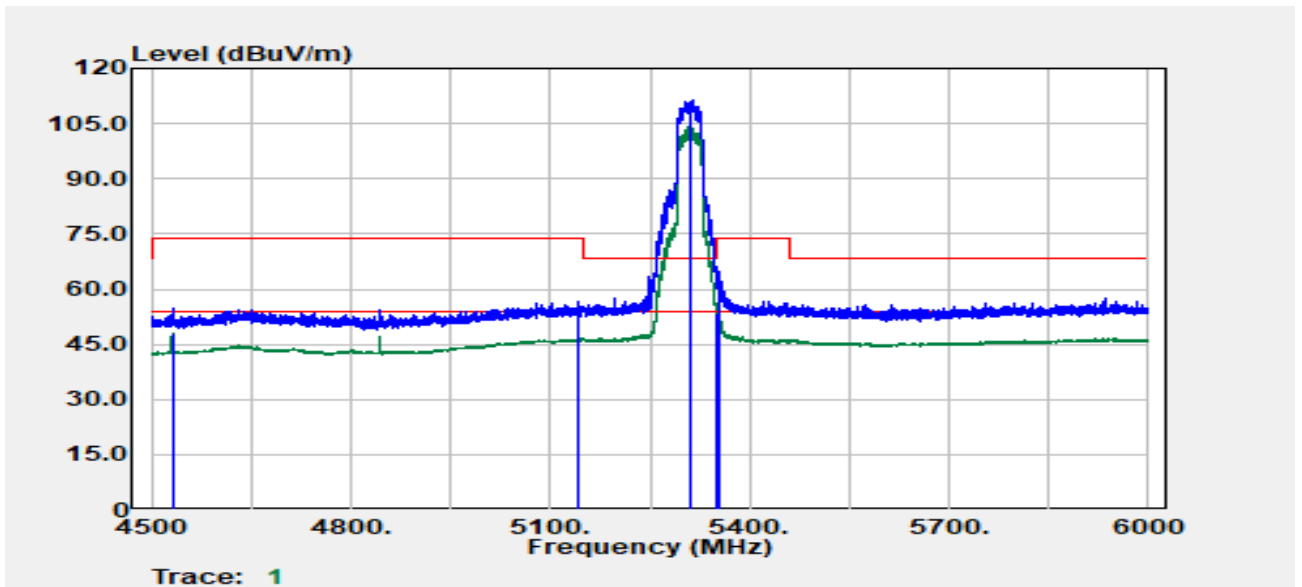
Test Date :2024-04-18
 Temp./Humi. :24.4/61
 Antenna Pol. :HORIZONTAL
 Engineer :Ray Li
 Test Chamber : 966A



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
4843.81	Average	34.90	11.28	46.18	54.00	-7.82
5131.61	Peak	42.71	12.93	55.64	74.00	-18.36
5320.00	Peak	100.55	13.25	113.80	--	--
5320.00	Average	92.78	13.25	106.03	--	--
5350.00	Average	36.04	13.10	49.14	54.00	-4.86
5352.89	Peak	46.88	13.10	59.98	74.00	-14.02

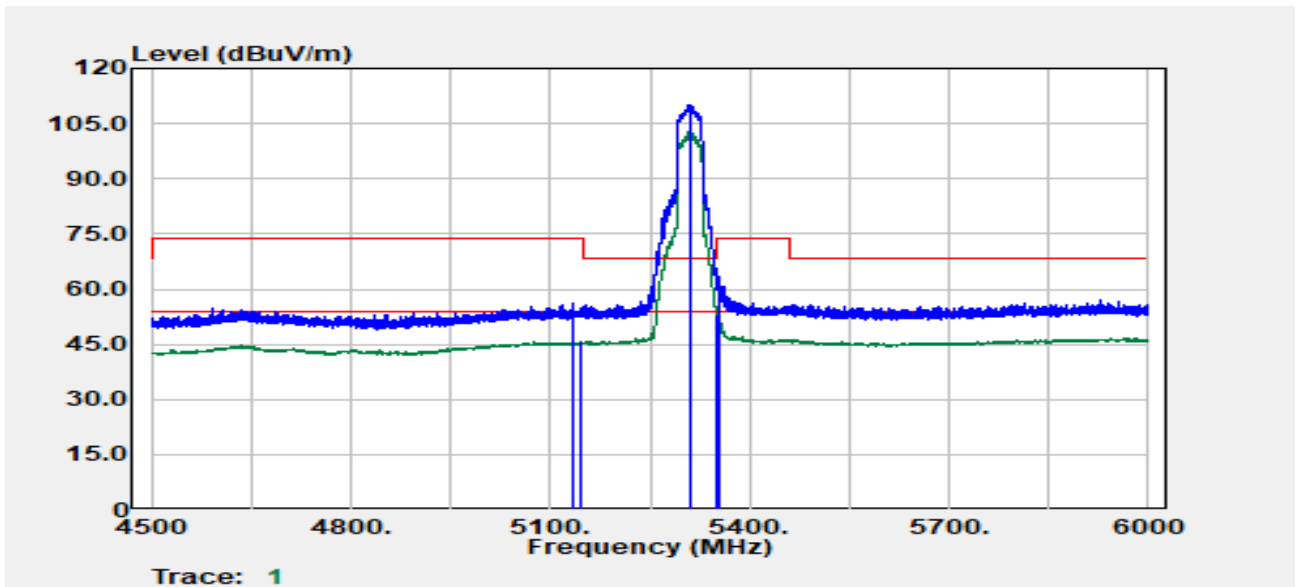
Report No.: TMWK2309003309KR

Project No	:TM-2309000207P	Test Date	:2024-04-19
Operation Band	:802.11n40/Band2	Temp./Humi.	:24.4/61
Frequency	:5310 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Ray Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:18		



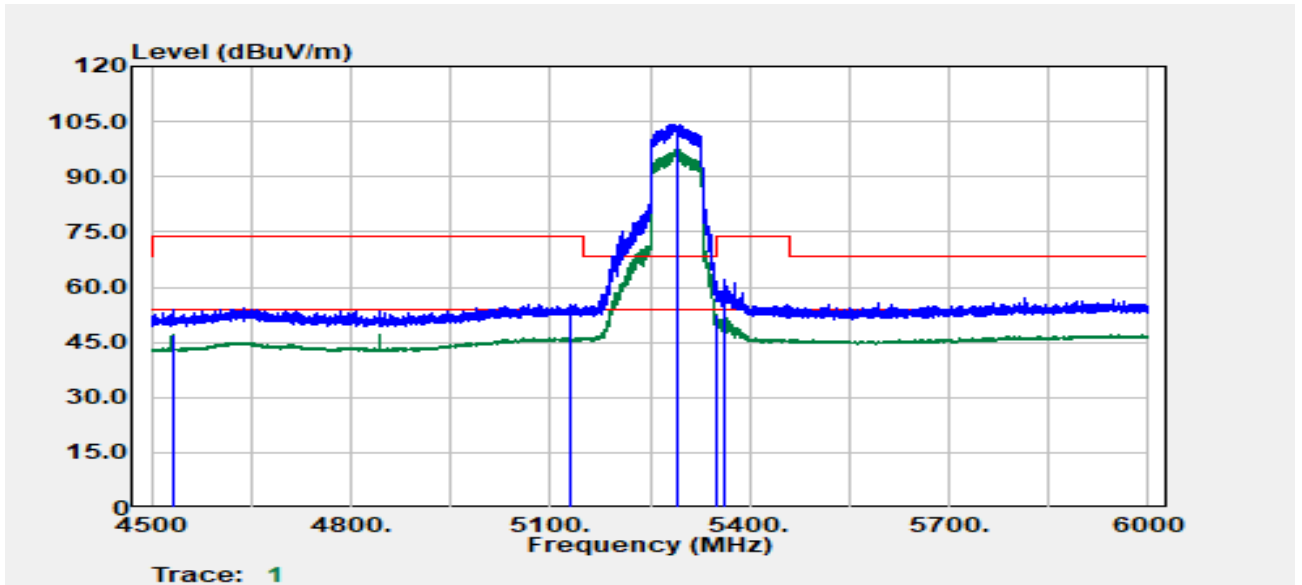
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
4531.26	Average	36.19	11.75	47.94	54.00	-6.06
5143.86	Peak	43.86	12.92	56.78	74.00	-17.22
5310.00	Peak	97.89	13.30	111.19	--	--
5310.00	Average	90.97	13.30	104.27	--	--
5350.89	Average	40.22	13.10	53.31	54.00	-0.69
5353.89	Peak	51.45	13.10	64.55	74.00	-9.45

Project No	:TM-2309000207P	Test Date	:2024-04-19
Operation Band	:802.11n40/Band2	Temp./Humi.	:24.4/61
Frequency	:5310 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Ray Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:18		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5135.61	Peak	43.36	12.93	56.29	74.00	-17.71
5145.11	Average	32.69	12.92	45.61	54.00	-8.39
5310.00	Peak	96.62	13.30	109.92	--	--
5310.00	Average	89.41	13.30	102.71	--	--
5350.64	Average	39.94	13.10	53.04	54.00	-0.96
5353.89	Peak	50.25	13.10	63.35	74.00	-10.65

Project No	:TM-2309000207P	Test Date	:2024-04-19
Operation Band	:802.11ac80/Band2	Temp./Humi.	:24.4/61
Frequency	:5290 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Ray Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:15		

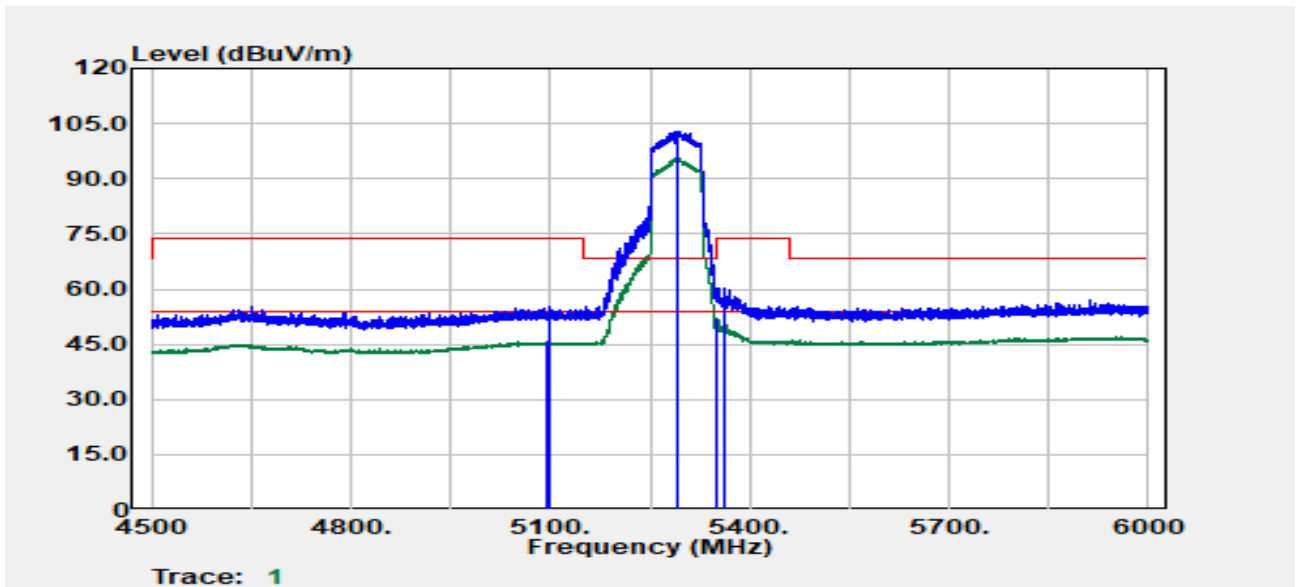


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
4531.26	Average	35.43	11.75	47.17	54.00	-6.83
5131.36	Peak	42.37	12.93	55.31	74.00	-18.69
5290.00	Peak	90.98	13.30	104.29	--	--
5290.00	Average	84.15	13.30	97.45	--	--
5350.64	Average	39.27	13.10	52.37	54.00	-1.63
5362.39	Peak	48.91	13.12	62.02	74.00	-11.98

Report No.: TMWK2309003309KR

Project No :TM-2309000207P
 Operation Band :802.11ac80/Band2
 Frequency :5290 MHz
 Operation Mode :Bandedge
 EUT Pol :E2
 Setting :15

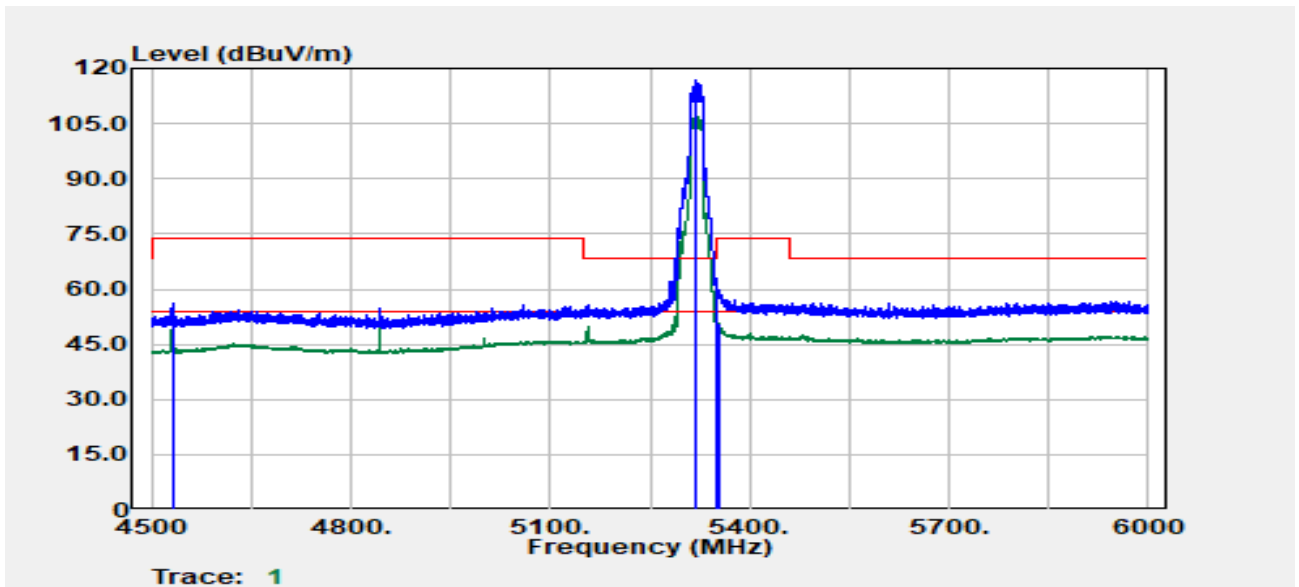
Test Date :2024-04-19
 Temp./Humi. :24.4/61
 Antenna Pol. :HORIZONTAL
 Engineer :Ray Li
 Test Chamber : 966A



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5093.85	Average	32.67	12.95	45.62	54.00	-8.38
5100.10	Peak	42.18	12.96	55.14	74.00	-18.86
5290.00	Peak	89.59	13.30	102.89	--	--
5290.00	Average	82.36	13.30	95.66	--	--
5350.14	Average	38.96	13.10	52.05	54.00	-1.95
5362.64	Peak	47.26	13.12	60.38	74.00	-13.62

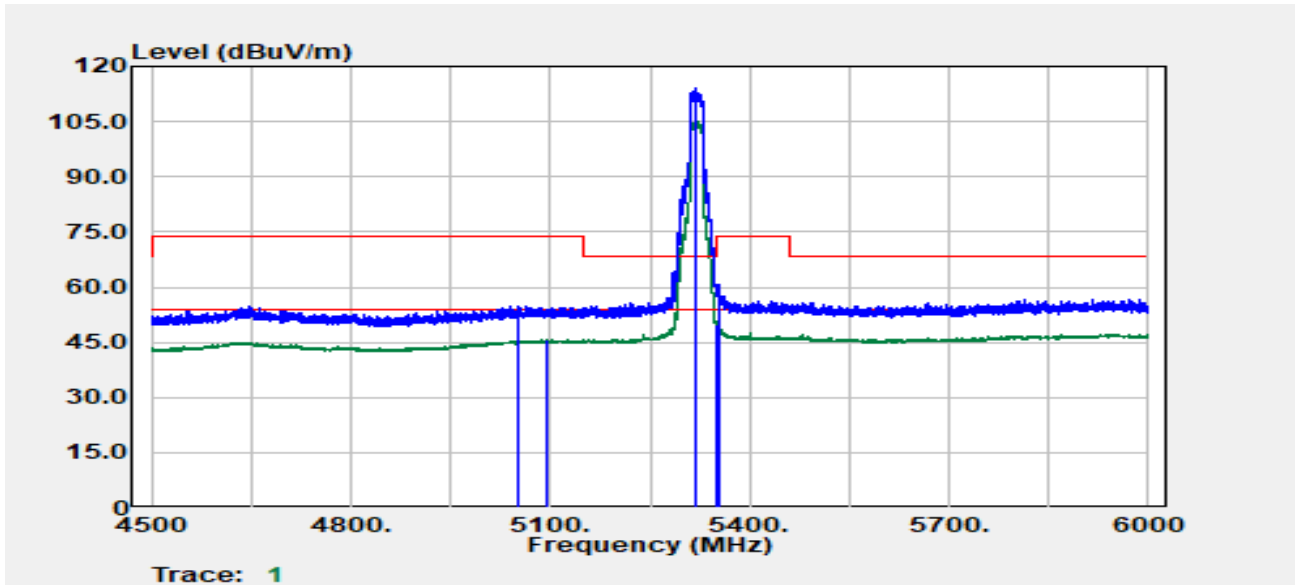
Report No.: TMWK2309003309KR

Project No	:TM-2309000207P	Test Date	:2024-04-22
Operation Band	:802.11ax20/Band2	Temp./Humi.	:24.4/58
Frequency	:5320 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Ray Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:18		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
4531.26	Peak	44.18	11.75	55.93	74.00	-18.07
4531.26	Average	37.87	11.75	49.62	54.00	-4.38
5320.00	Peak	103.36	13.25	116.61	--	--
5320.00	Average	93.58	13.25	106.83	--	--
5350.14	Peak	47.51	13.10	60.61	74.00	-13.39
5353.14	Average	37.48	13.10	50.58	54.00	-3.42

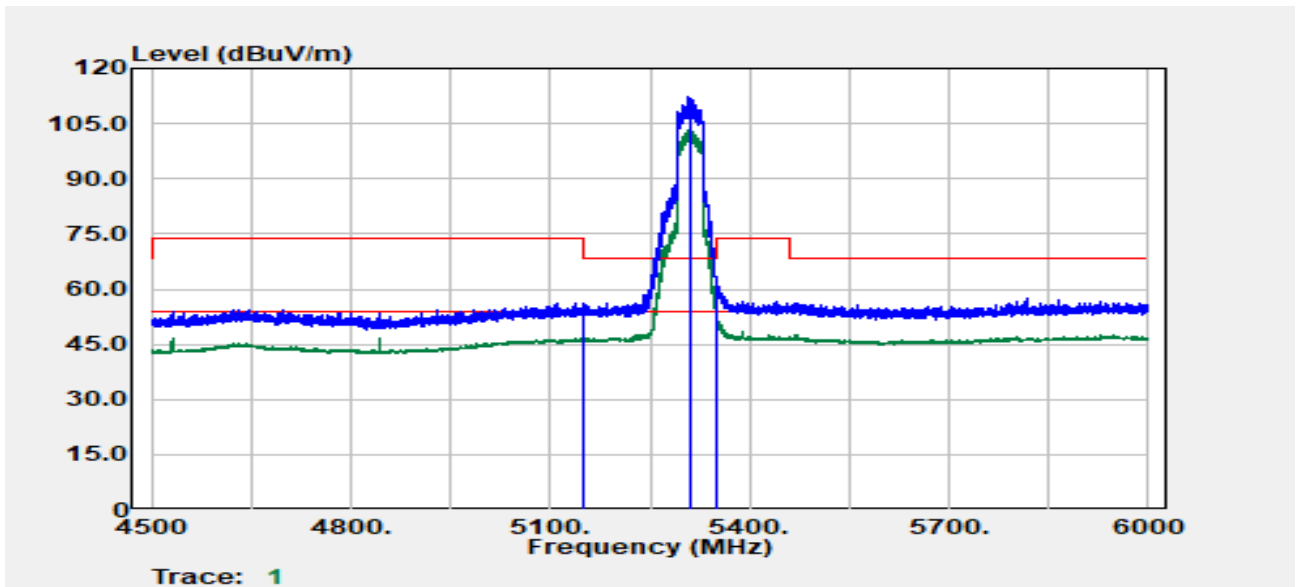
Project No	:TM-2309000207P	Test Date	:2024-04-22
Operation Band	:802.11ax20/Band2	Temp./Humi.	:24.4/58
Frequency	:5320 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Ray Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:18		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5053.34	Peak	42.03	12.85	54.88	74.00	-19.12
5095.35	Average	32.69	12.95	45.64	54.00	-8.36
5320.00	Peak	100.67	13.25	113.92	--	--
5320.00	Average	91.82	13.25	105.07	--	--
5349.89	Average	36.81	13.10	49.90	54.00	-4.10
5354.14	Peak	47.59	13.10	60.69	74.00	-13.31

Report No.: TMWK2309003309KR

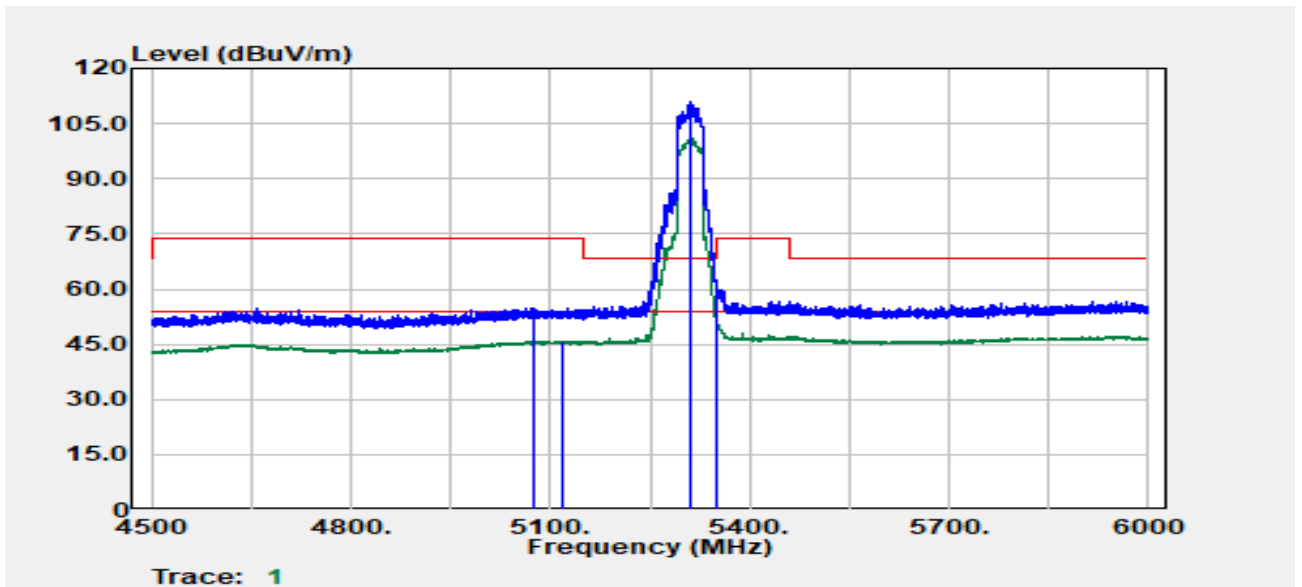
Project No	:TM-2309000207P	Test Date	:2024-04-22
Operation Band	:802.11ax40/Band2	Temp./Humi.	:24.4/58
Frequency	:5310 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Ray Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:17		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5149.36	Peak	43.29	12.92	56.21	74.00	-17.79
5150.00	Average	33.97	12.92	46.89	54.00	-7.11
5310.00	Peak	99.20	13.30	112.50	--	--
5310.00	Average	89.88	13.30	103.18	--	--
5350.39	Average	39.69	13.10	52.79	54.00	-1.21
5350.64	Peak	50.15	13.10	63.24	74.00	-10.76

Report No.: TMWK2309003309KR

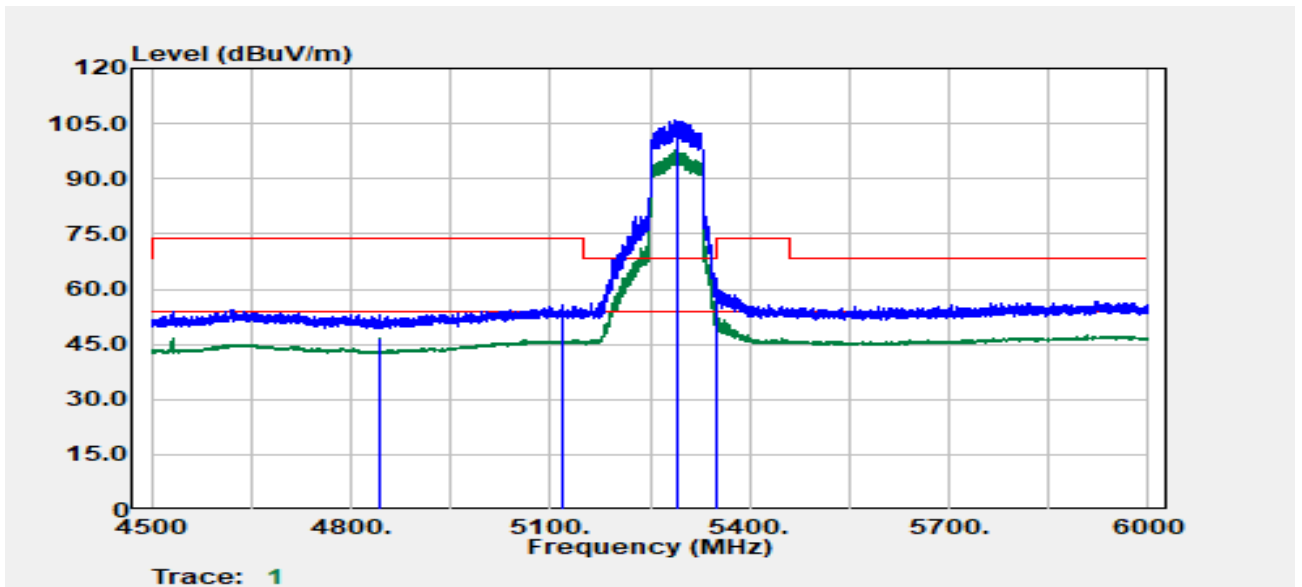
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Operation Band	:802.11ax40/Band2	Temp./Humi.	:24.4/58
Frequency	:5310 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Ray Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:17		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5076.35	Peak	42.02	12.90	54.92	74.00	-19.08
5117.85	Average	32.98	12.95	45.93	54.00	-8.07
5310.00	Peak	97.82	13.30	111.12	--	--
5310.00	Average	87.61	13.30	100.91	--	--
5350.14	Average	38.13	13.10	51.22	54.00	-2.78
5350.39	Peak	48.91	13.10	62.01	74.00	-11.99

Report No.: TMWK2309003309KR

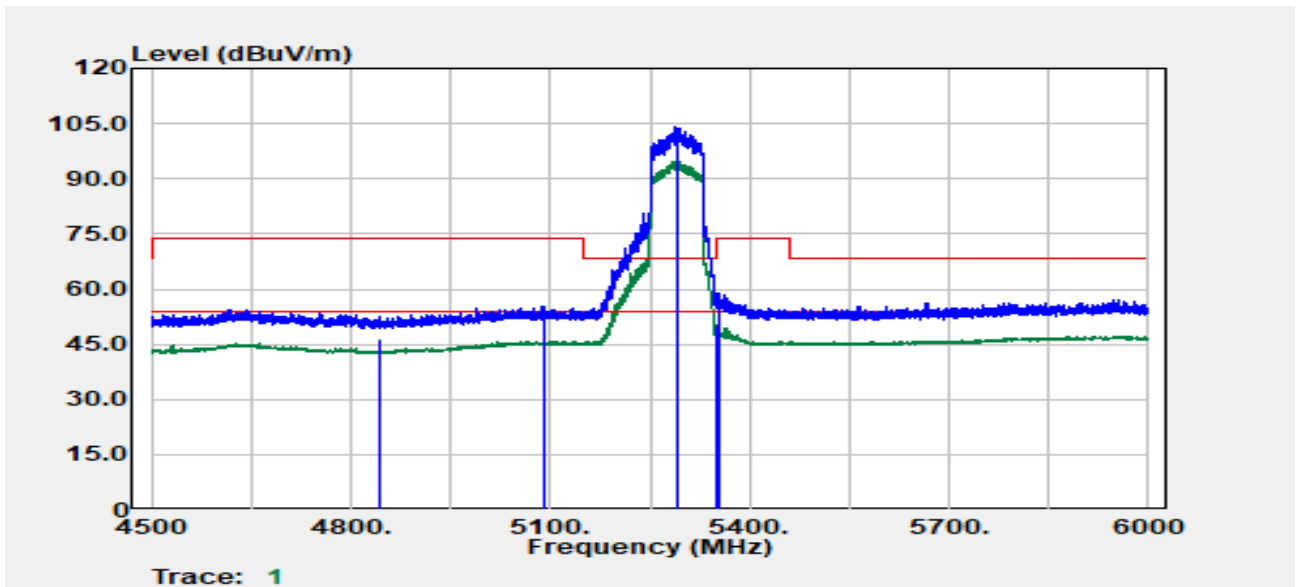
Project No	:TM-2309000207P	Test Date	:2024-04-23
Operation Band	:802.11ax80/Band2	Temp./Humi.	:24.4/58
Frequency	:5290 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Ray Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:14.5		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
4843.58	Average	35.58	11.28	46.85	54.00	-7.15
5118.44	Peak	42.55	12.95	55.49	74.00	-18.51
5290.00	Peak	92.77	13.30	106.07	--	--
5290.00	Average	84.34	13.30	97.64	--	--
5350.08	Peak	49.68	13.10	62.78	74.00	-11.22
5350.33	Average	40.38	13.10	53.47	54.00	-0.53

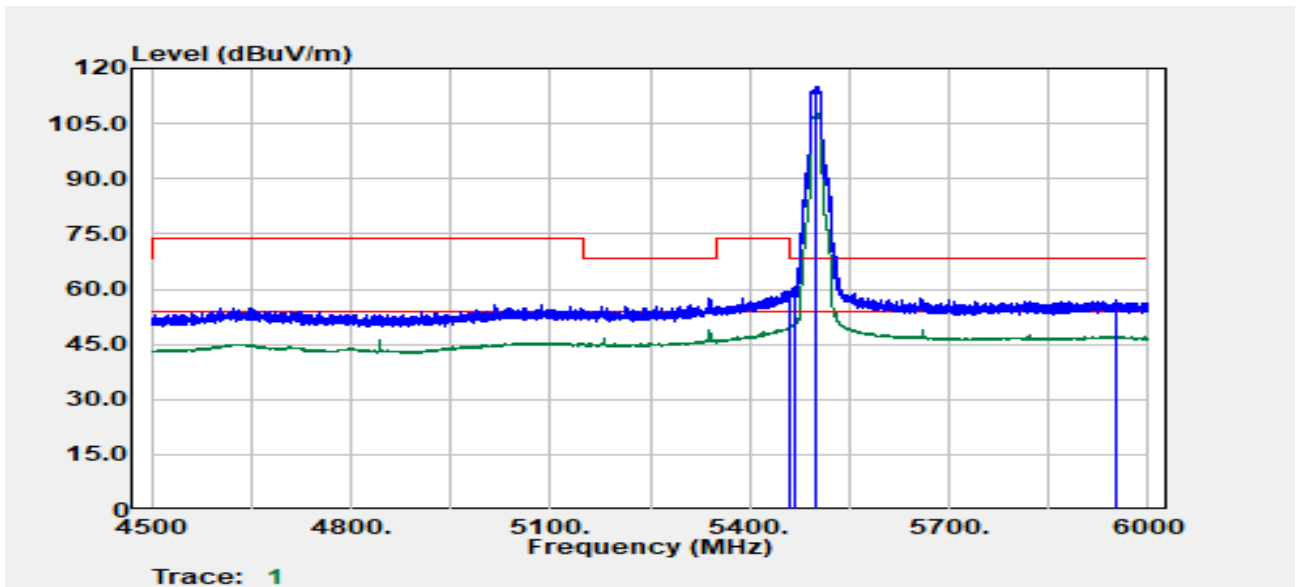
Report No.: TMWK2309003309KR

Project No	:TM-2309000207P	Test Date	:2024-04-23
Operation Band	:802.11ax80/Band2	Temp./Humi.	:24.4/58
Frequency	:5290 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Ray Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:14.5		



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
4843.56	Average	34.82	11.28	46.10	54.00	-7.90
5090.10	Peak	42.24	12.94	55.18	74.00	-18.82
5290.00	Peak	90.85	13.30	104.15	--	--
5290.00	Average	81.78	13.30	95.09	--	--
5350.00	Average	37.02	13.10	50.11	54.00	-3.89
5354.14	Peak	45.90	13.10	59.00	74.00	-15.00

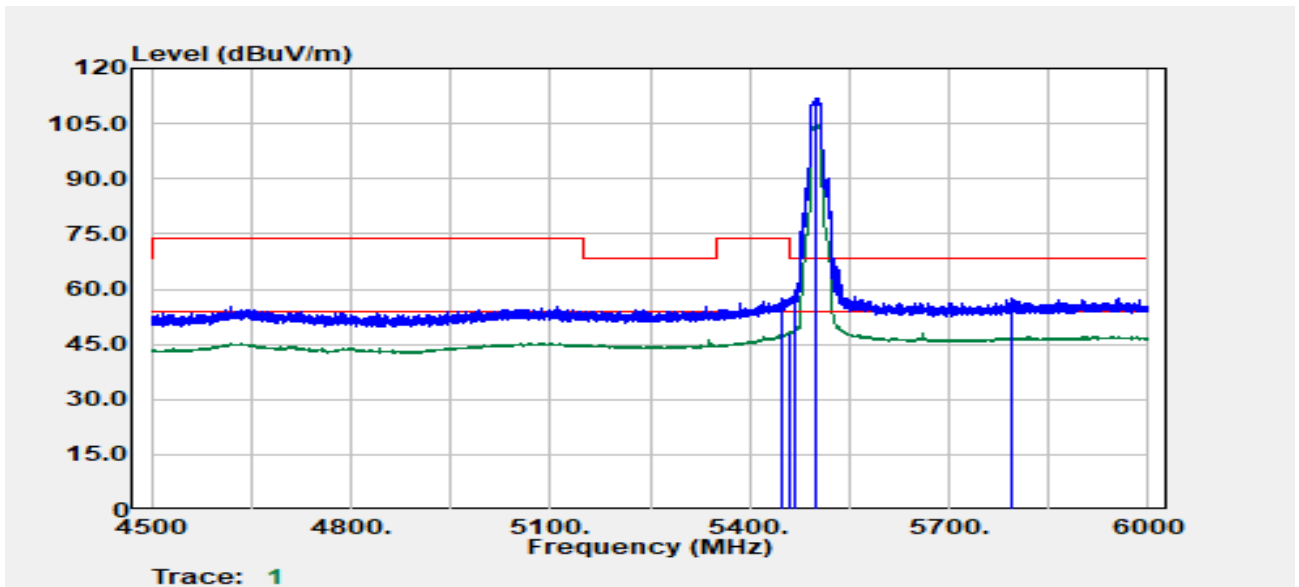
Project No	:TM-2309000207P	Test Date	:2024-04-18
Operation Band	:802.11a/Band3_CH0	Temp./Humi.	:24.4/61
Frequency	:5500 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Tony Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:20		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5459.52	Average	35.45	14.39	49.84	54.00	-4.16
5459.77	Peak	45.13	14.39	59.52	74.00	-14.48
5469.27	Peak	46.51	14.36	60.87	68.20	-7.33
5500.00	Peak	100.63	14.27	114.90	--	--
5500.00	Average	93.28	14.27	107.55	--	--
5953.02	Peak	41.01	16.16	57.17	68.20	-11.03

Report No.: TMWK2309003309KR

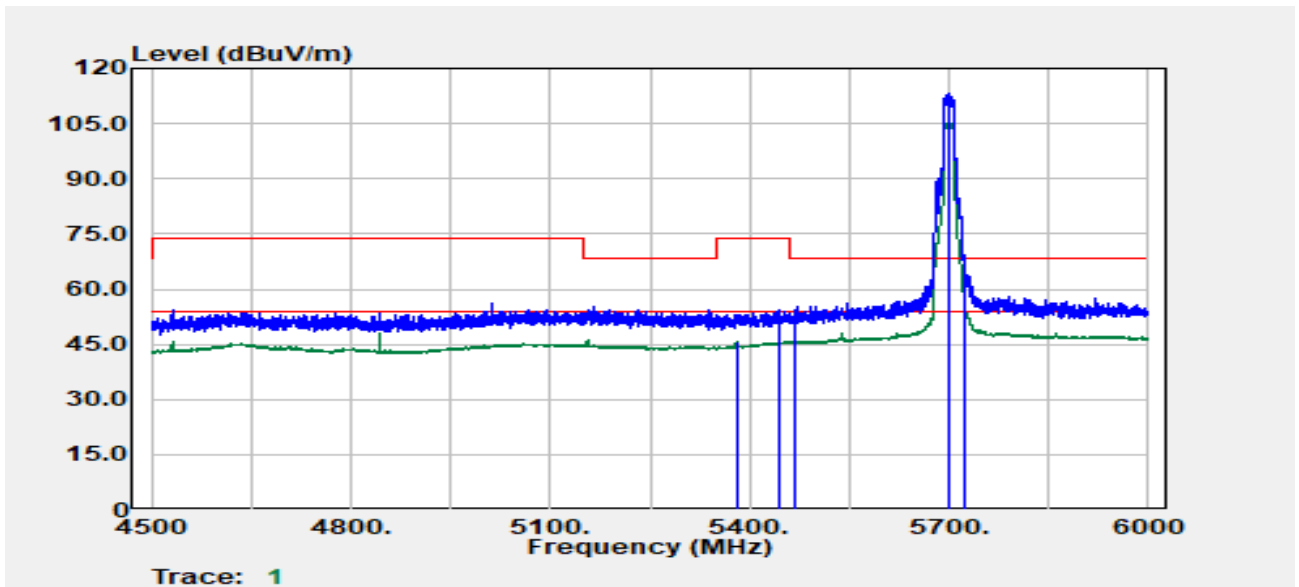
Project No	:TM-2309000207P	Test Date	:2024-04-18
Operation Band	:802.11a/Band3_CH0	Temp./Humi.	:24.4/61
Frequency	:5500 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Tony Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:20		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5448.03	Peak	43.00	14.40	57.40	74.00	-16.60
5459.27	Average	33.75	14.39	48.14	54.00	-5.86
5470.00	Peak	45.53	14.36	59.88	68.20	-8.32
5500.00	Peak	97.54	14.27	111.81	--	--
5500.00	Average	90.27	14.27	104.54	--	--
5792.35	Peak	41.23	16.09	57.32	68.20	-10.88

Report No.: TMWK2309003309KR

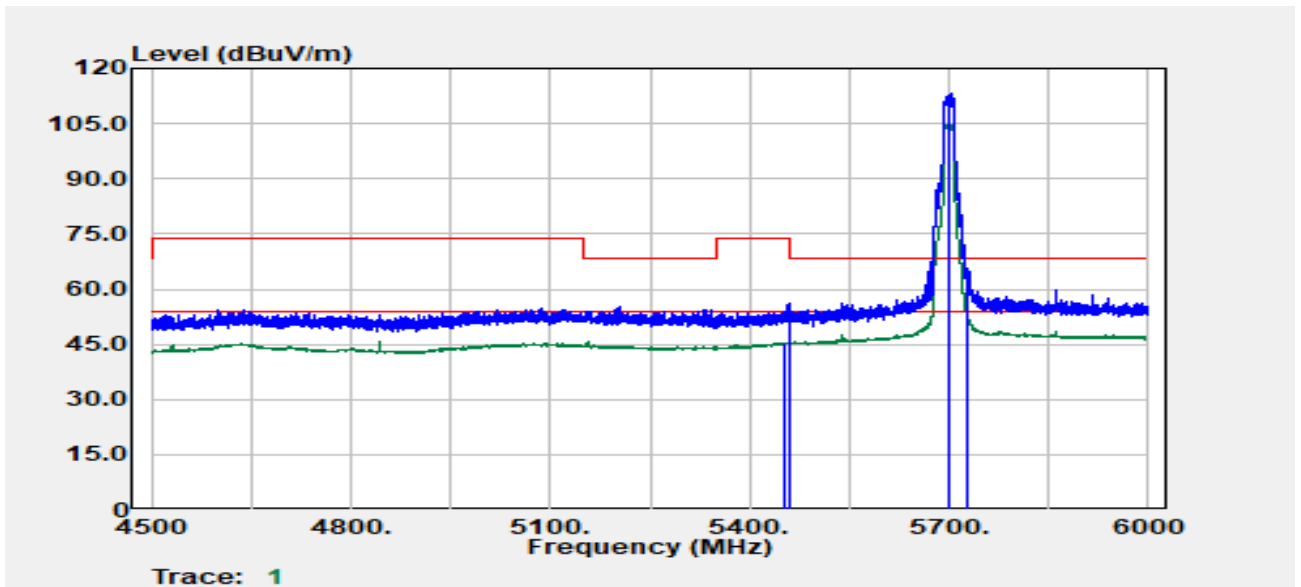
Project No	:TM-2309000207P	Test Date	:2024-04-18
Operation Band	:802.11a/Band3_CH0	Temp./Humi.	:24.4/61
Frequency	:5700 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Tony Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:19.5		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5380.06	Average	31.67	13.99	45.66	54.00	-8.34
5445.78	Peak	40.14	14.38	54.52	74.00	-19.48
5469.27	Peak	39.88	14.36	54.24	68.20	-13.96
5700.00	Peak	97.71	15.63	113.34	--	--
5700.00	Average	89.67	15.63	105.30	--	--
5725.39	Peak	49.84	15.79	65.63	68.20	-2.57

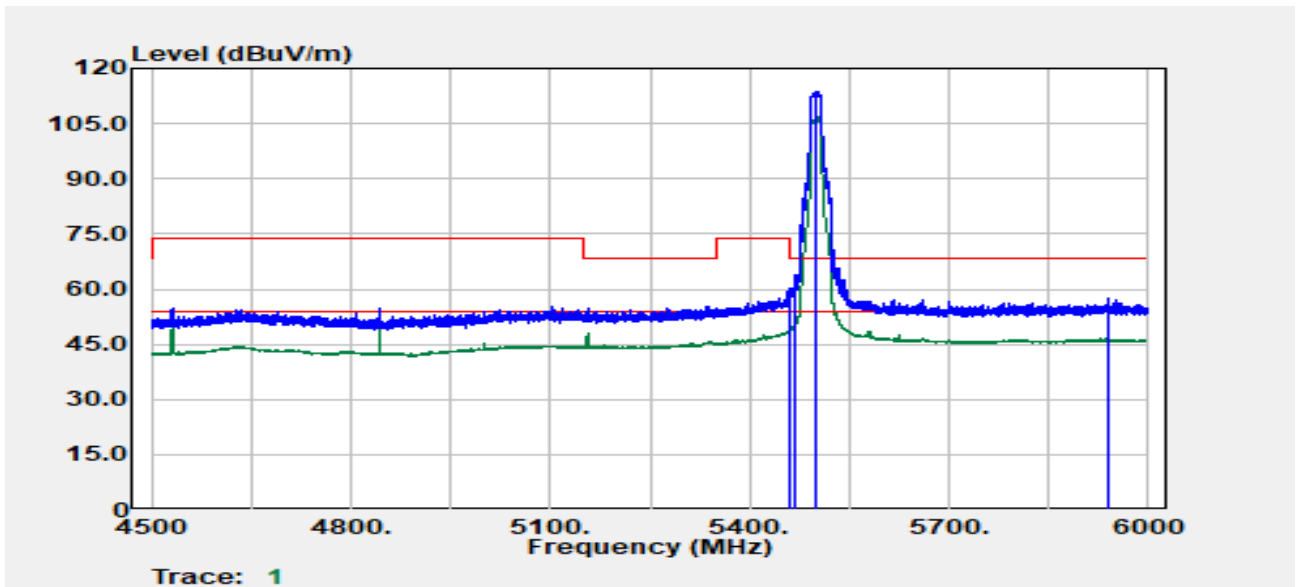
Project No :TM-2309000207P
 Operation Band :802.11a/Band3_CH0
 Frequency :5700 MHz
 Operation Mode :Bandedge
 EUT Pol :E2
 Setting :19.5

Test Date :2024-04-18
 Temp./Humi. :24.4/61
 Antenna Pol. :HORIZONTAL
 Engineer :Tony Chao
 Test Chamber : 966A



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5452.02	Average	31.03	14.41	45.44	54.00	-8.56
5458.27	Peak	41.68	14.39	56.07	74.00	-17.93
5462.02	Peak	39.79	14.38	54.17	68.20	-14.03
5700.00	Peak	97.36	15.63	112.99	--	--
5700.00	Average	89.37	15.63	105.00	--	--
5728.14	Peak	49.73	15.80	65.53	68.20	-2.67

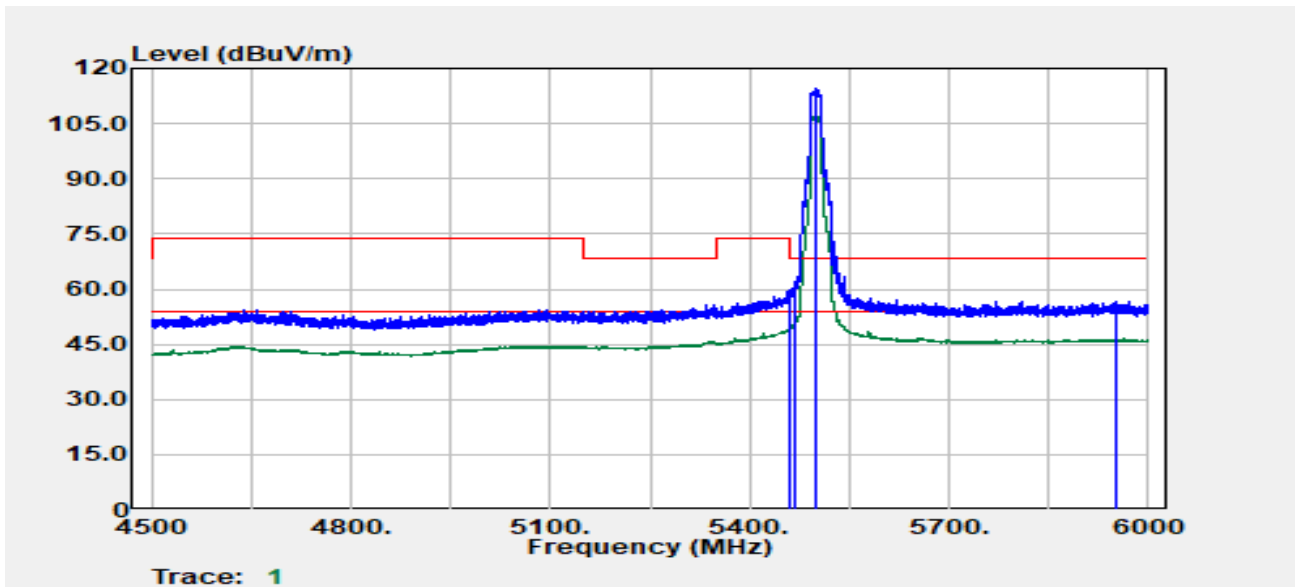
Project No	:TM-2309000207P	Test Date	:2024-04-18
Operation Band	:802.11a/Band3_CH1	Temp./Humi.	:24.4/61
Frequency	:5500 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Ray Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:19.5		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5459.91	Peak	46.75	13.50	60.25	74.00	-13.75
5459.91	Average	35.35	13.50	48.85	54.00	-5.15
5468.66	Peak	50.16	13.47	63.63	68.20	-4.57
5500.00	Peak	100.29	13.39	113.68	--	--
5500.00	Average	93.41	13.39	106.80	--	--
5941.24	Peak	42.17	15.32	57.49	68.20	-10.71

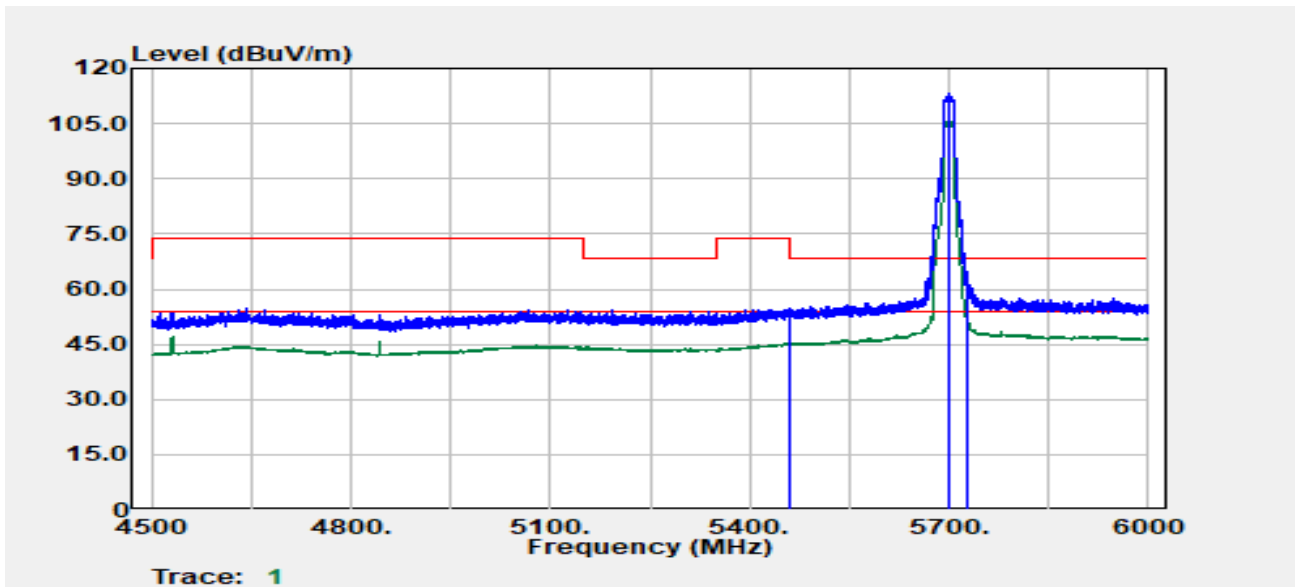
Report No.: TMWK2309003309KR

Project No	:TM-2309000207P	Test Date	:2024-04-18
Operation Band	:802.11a/Band3_CH1	Temp./Humi.	:24.4/61
Frequency	:5500 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Ray Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:19.5		



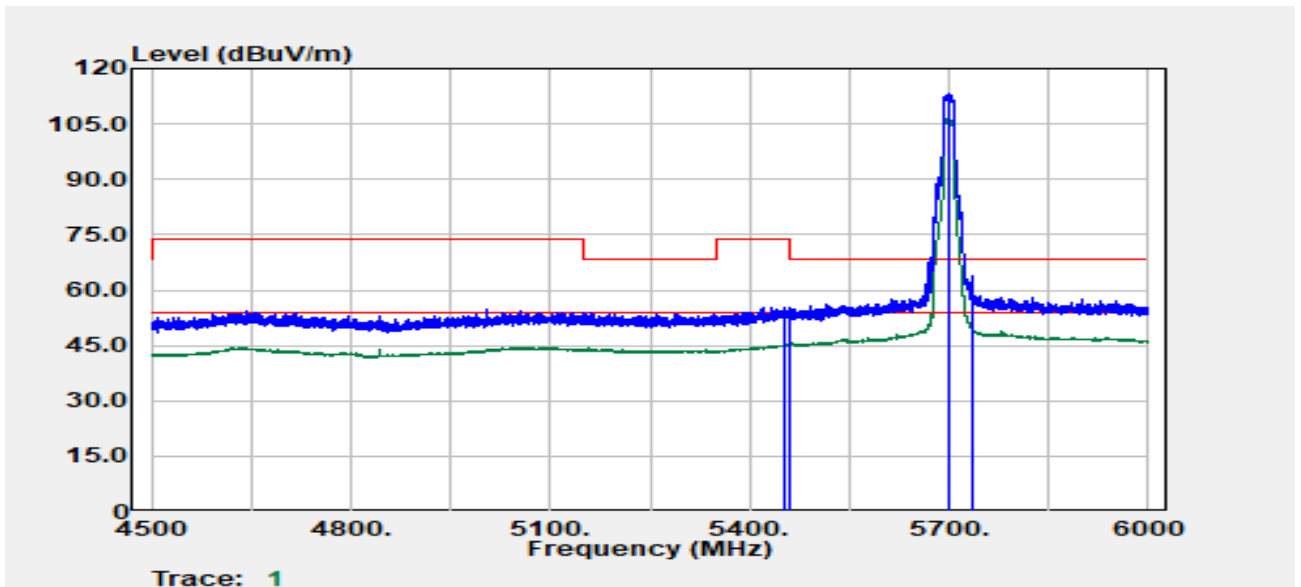
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5459.66	Average	35.76	13.50	49.26	54.00	-4.74
5459.91	Peak	46.14	13.50	59.64	74.00	-14.36
5469.91	Peak	47.22	13.47	60.69	68.20	-7.51
5500.00	Peak	101.11	13.39	114.50	--	--
5500.00	Average	93.68	13.39	107.07	--	--
5951.49	Peak	41.46	15.36	56.82	68.20	-11.38

Project No	:TM-2309000207P	Test Date	:2024-04-24
Operation Band	:802.11a/Band3_CH1	Temp./Humi.	:24.4/61
Frequency	:5700 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Tony Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:19.5		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5458.52	Peak	41.13	13.50	54.63	74.00	-19.37
5459.77	Average	31.97	13.50	45.47	54.00	-8.53
5460.77	Peak	40.98	13.50	54.48	68.20	-13.72
5700.00	Peak	98.64	14.78	113.42	--	--
5700.00	Average	90.84	14.78	105.62	--	--
5726.39	Peak	49.96	14.96	64.93	68.20	-3.27

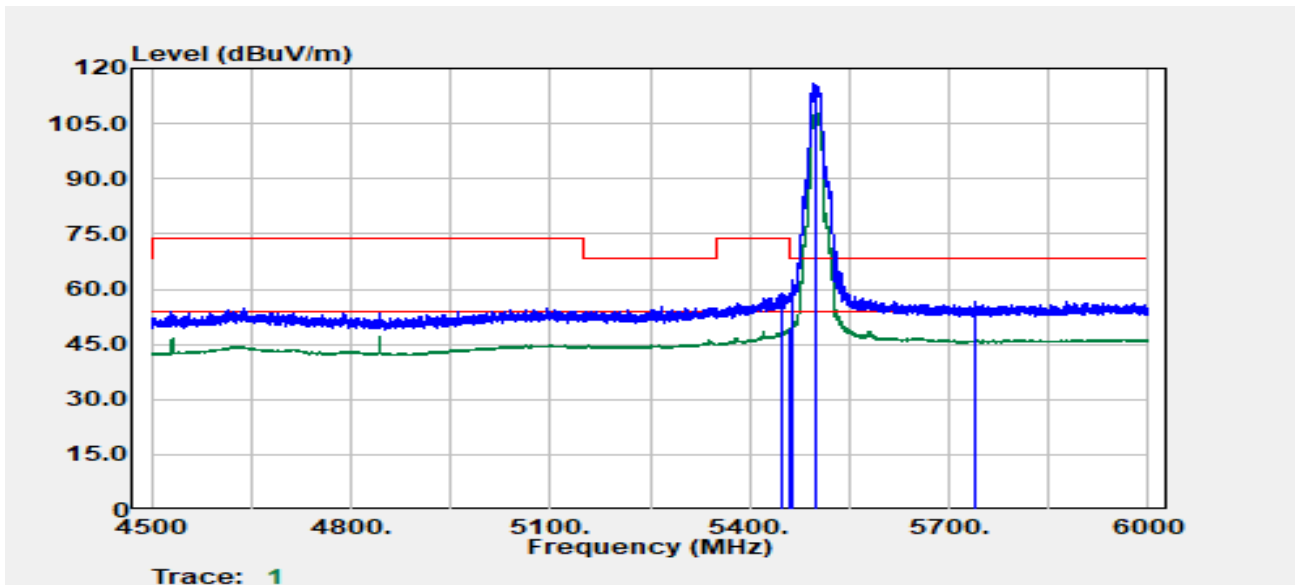
Project No	:TM-2309000207P	Test Date	:2024-04-24
Operation Band	:802.11a/Band3_CH1	Temp./Humi.	:24.4/61
Frequency	:5700 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Tony Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:19.5		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5451.52	Peak	41.81	13.52	55.33	74.00	-18.67
5458.27	Average	31.92	13.50	45.42	54.00	-8.58
5460.02	Peak	41.56	13.50	55.06	68.20	-13.14
5700.00	Peak	98.62	14.78	113.40	--	--
5700.00	Average	91.76	14.78	106.54	--	--
5733.38	Peak	48.98	15.01	63.99	68.20	-4.21

Report No.: TMWK2309003309KR

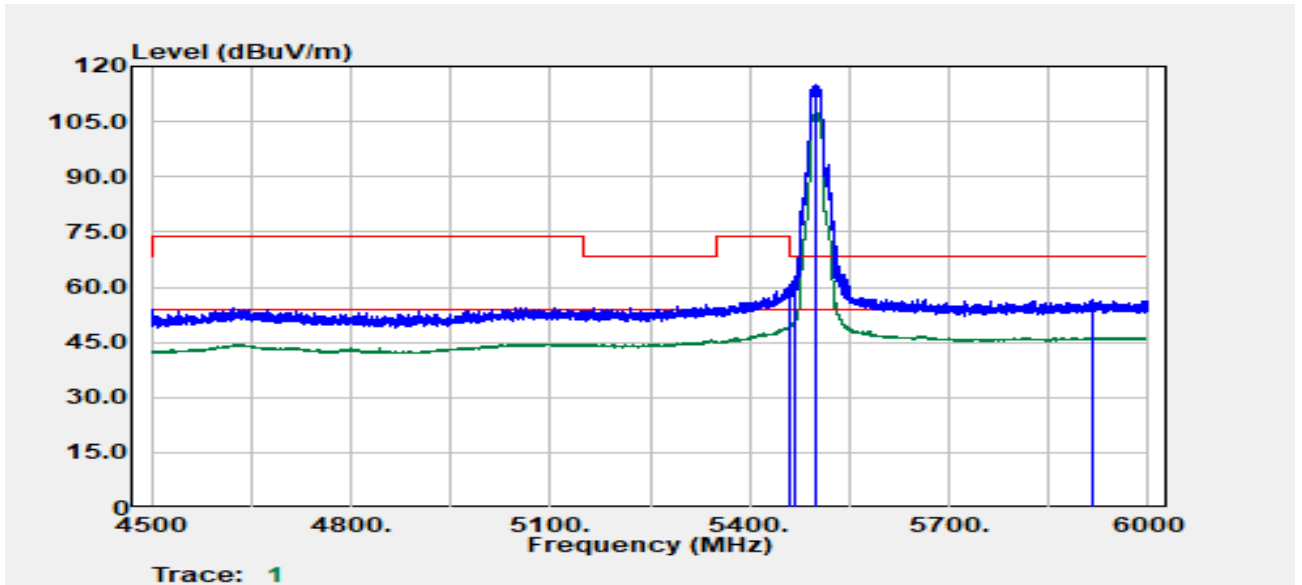
Project No	:TM-2309000207P	Test Date	:2024-04-19
Operation Band	:802.11n20/Band3	Temp./Humi.	:24.4/61
Frequency	:5500 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Ray Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:17.5		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5449.66	Peak	45.35	13.52	58.87	74.00	-15.13
5459.66	Average	35.94	13.50	49.44	54.00	-4.56
5464.41	Peak	48.90	13.49	62.39	68.20	-5.81
5500.00	Peak	102.39	13.39	115.78	--	--
5500.00	Average	94.54	13.39	107.93	--	--
5740.46	Peak	41.45	15.06	56.51	68.20	-11.69

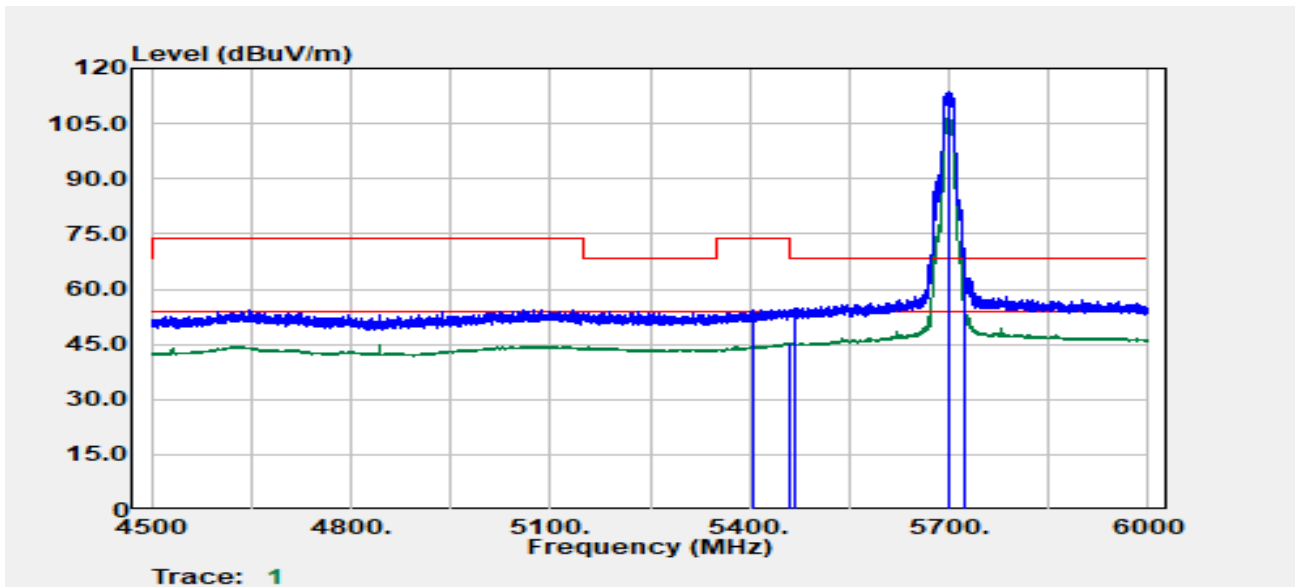
Project No :TM-2309000207P
 Operation Band :802.11n20/Band3
 Frequency :5500 MHz
 Operation Mode :Bandedge
 EUT Pol :E2
 Setting :17.5

Test Date :2024-04-19
 Temp./Humi. :24.4/61
 Antenna Pol. :HORIZONTAL
 Engineer :Ray Li
 Test Chamber : 966A



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
5459.66	Peak	47.06	13.50	60.56	74.00	-13.44
5459.66	Average	36.13	13.50	49.63	54.00	-4.37
5468.41	Peak	49.44	13.48	62.91	68.20	-5.29
5500.00	Peak	101.53	13.39	114.92	--	--
5500.00	Average	94.29	13.39	107.68	--	--
5915.24	Peak	41.20	15.19	56.39	68.20	-11.81

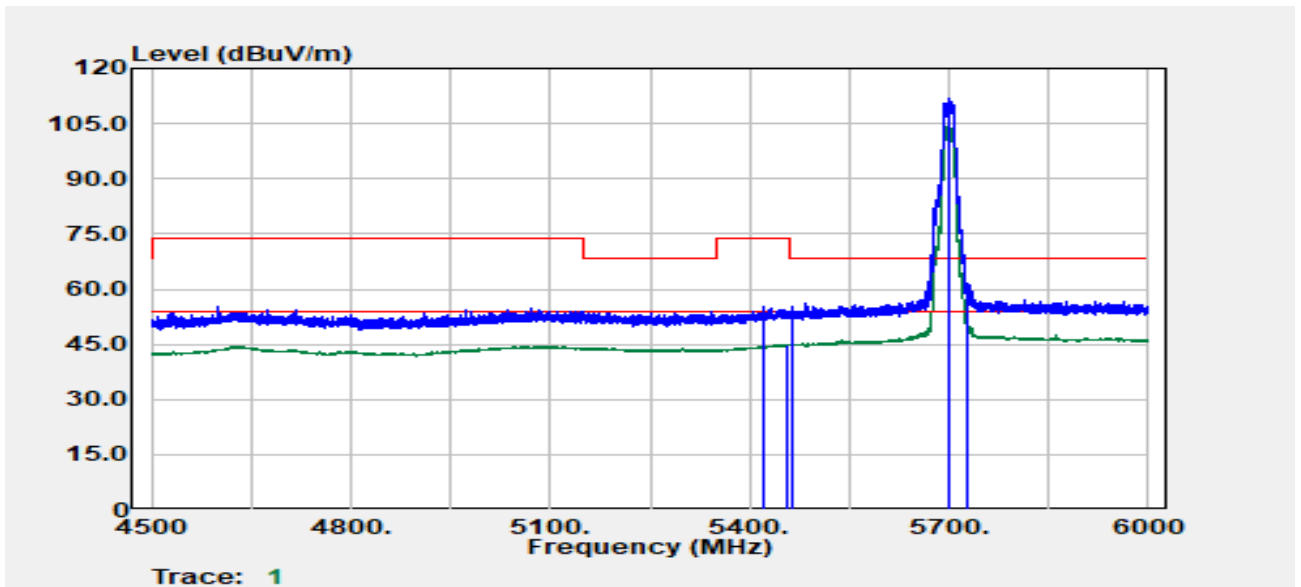
Project No	:TM-2309000207P	Test Date	:2024-04-19
Operation Band	:802.11n20/Band3	Temp./Humi.	:24.4/61
Frequency	:5700 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Ray Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:18		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5406.65	Peak	41.12	13.23	54.34	74.00	-19.66
5458.41	Average	31.62	13.50	45.13	54.00	-8.87
5466.91	Peak	41.27	13.48	54.75	68.20	-13.45
5700.00	Peak	98.79	14.78	113.57	--	--
5700.00	Average	91.53	14.78	106.31	--	--
5725.45	Peak	48.03	14.96	62.99	68.20	-5.21

Project No :TM-2309000207P
 Operation Band :802.11n20/Band3
 Frequency :5700 MHz
 Operation Mode :Bandedge
 EUT Pol :E2
 Setting :18

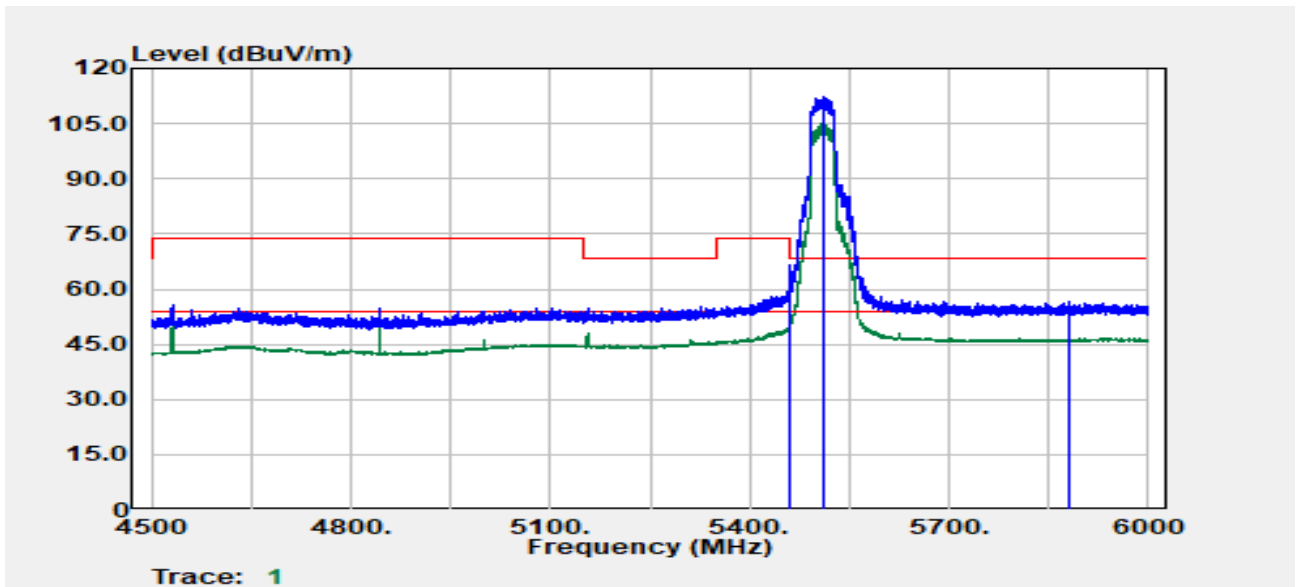
Test Date :2024-04-19
 Temp./Humi. :24.4/61
 Antenna Pol. :HORIZONTAL
 Engineer :Ray Li
 Test Chamber : 966A



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5420.90	Peak	41.79	13.32	55.11	74.00	-18.89
5456.66	Average	31.44	13.51	44.95	54.00	-9.05
5464.16	Peak	41.61	13.49	55.10	68.20	-13.10
5700.00	Peak	97.07	14.78	111.85	--	--
5700.00	Average	90.01	14.78	104.79	--	--
5728.21	Peak	46.73	14.98	61.70	68.20	-6.50

Report No.: TMWK2309003309KR

Project No	:TM-2309000207P	Test Date	:2024-04-19
Operation Band	:802.11n40/Band3	Temp./Humi.	:24.4/61
Frequency	:5510 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Ray Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:19		

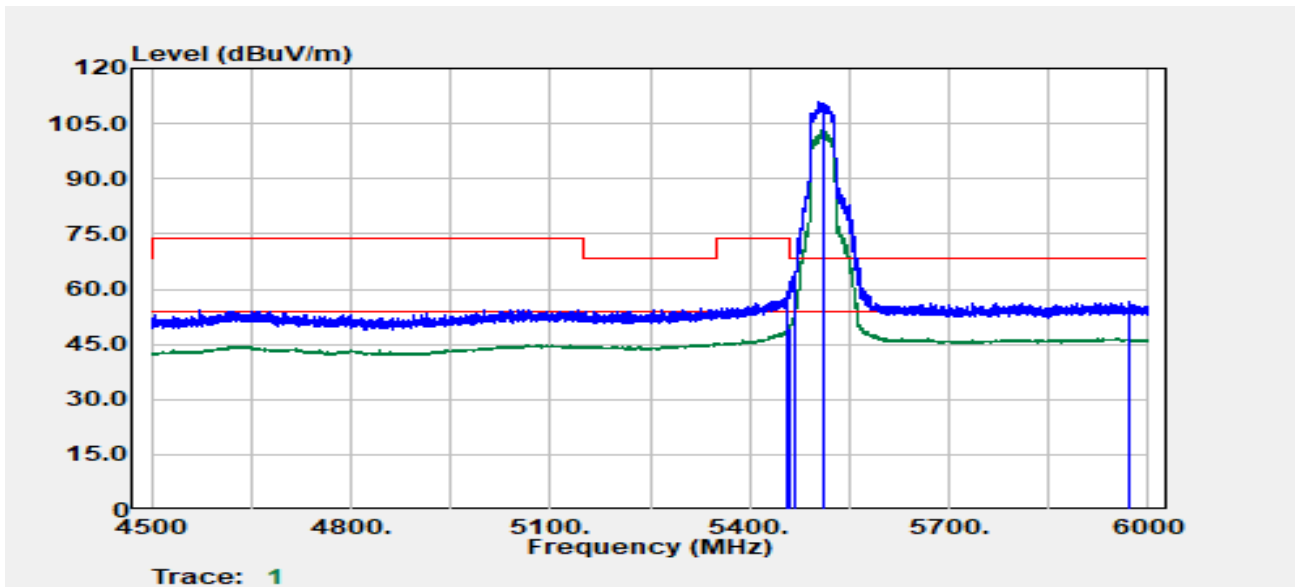


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5459.41	Average	36.95	13.50	50.45	54.00	-3.55
5459.91	Peak	47.63	13.50	61.13	74.00	-12.87
5461.66	Peak	53.15	13.49	66.64	68.20	-1.56
5510.00	Peak	98.93	13.43	112.36	--	--
5510.00	Average	91.85	13.43	105.28	--	--
5881.98	Peak	41.47	15.12	56.59	68.20	-11.61

Report No.: TMWK2309003309KR

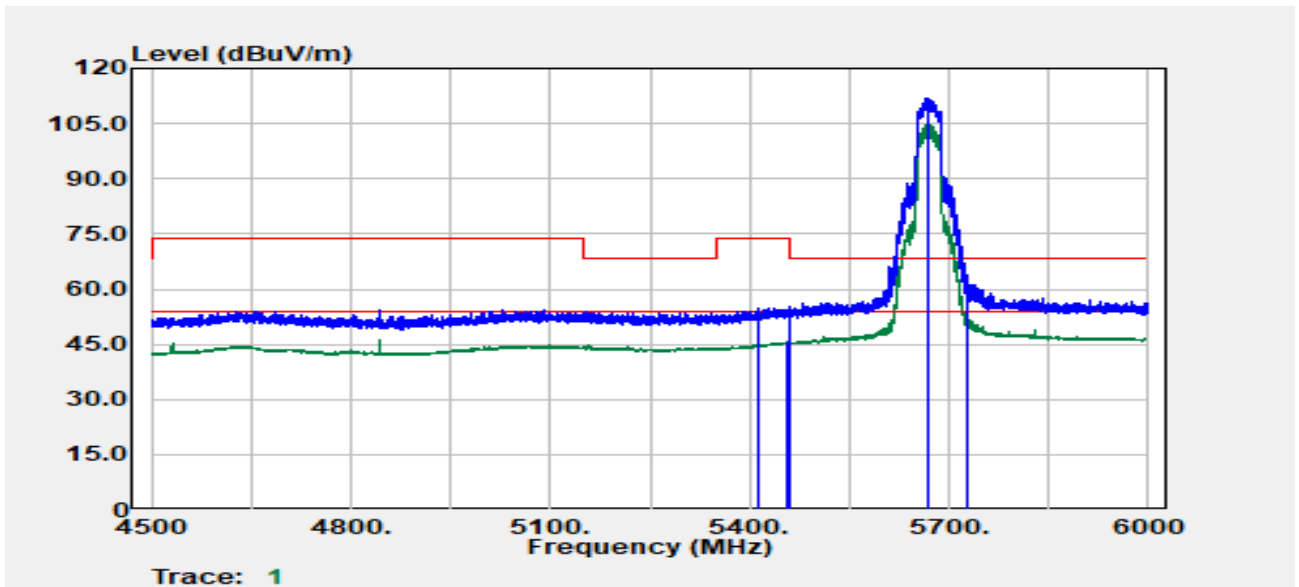
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 Operation Band :802.11n40/Band3
 Frequency :5510 MHz
 Operation Mode :Bandedge
 EUT Pol :E2
 Setting :19

Test Date :2024-04-19
 Temp./Humi. :24.4/61
 Antenna Pol. :HORIZONTAL
 Engineer :Ray Li
 Test Chamber : 966A



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
5457.91	Peak	45.66	13.50	59.16	74.00	-14.84
5458.91	Average	35.65	13.50	49.15	54.00	-4.85
5469.16	Peak	51.18	13.47	64.65	68.20	-3.55
5510.00	Peak	97.33	13.43	110.75	--	--
5510.00	Average	89.75	13.43	103.18	--	--
5971.75	Peak	41.24	15.33	56.57	68.20	-11.63

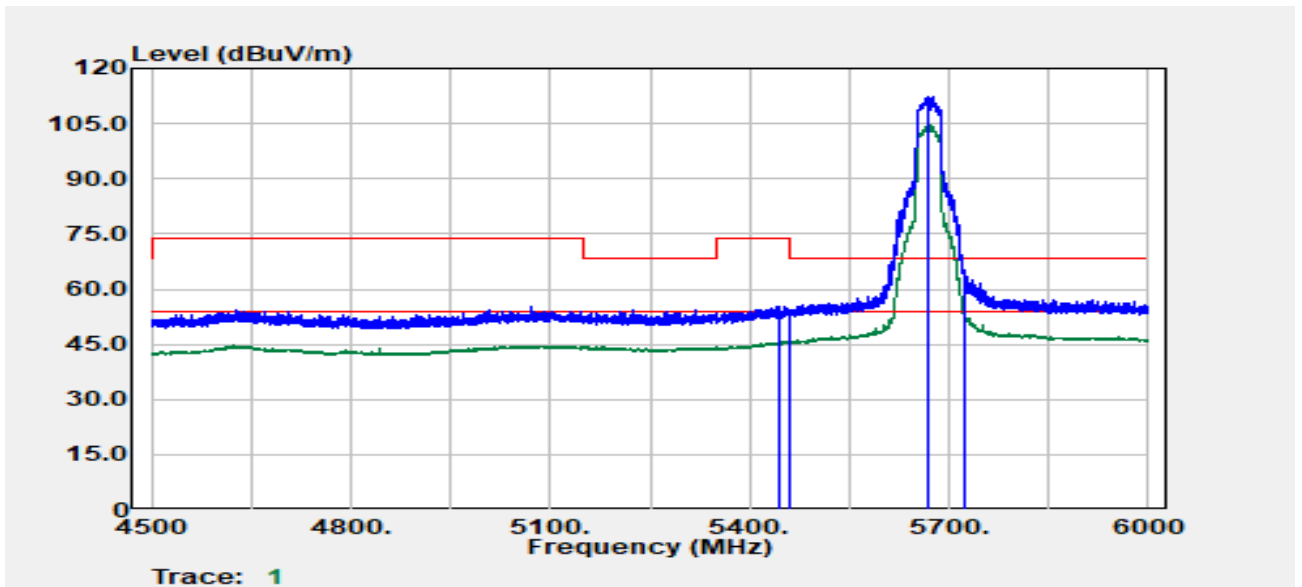
Project No	:TM-2309000207P	Test Date	:2024-04-19
Operation Band	:802.11n40/Band3	Temp./Humi.	:24.4/61
Frequency	:5670 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Ray Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:20		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5414.15	Peak	41.73	13.28	55.01	74.00	-18.99
5456.91	Average	32.06	13.51	45.57	54.00	-8.43
5460.16	Peak	41.79	13.50	55.28	68.20	-12.92
5670.00	Peak	97.58	14.47	112.05	--	--
5670.00	Average	90.82	14.47	105.30	--	--
5727.96	Peak	48.84	14.98	63.81	68.20	-4.39

Project No :TM-2309000207P
 Operation Band :802.11n40/Band3
 Frequency :5670 MHz
 Operation Mode :Bandedge
 EUT Pol :E2
 Setting :20

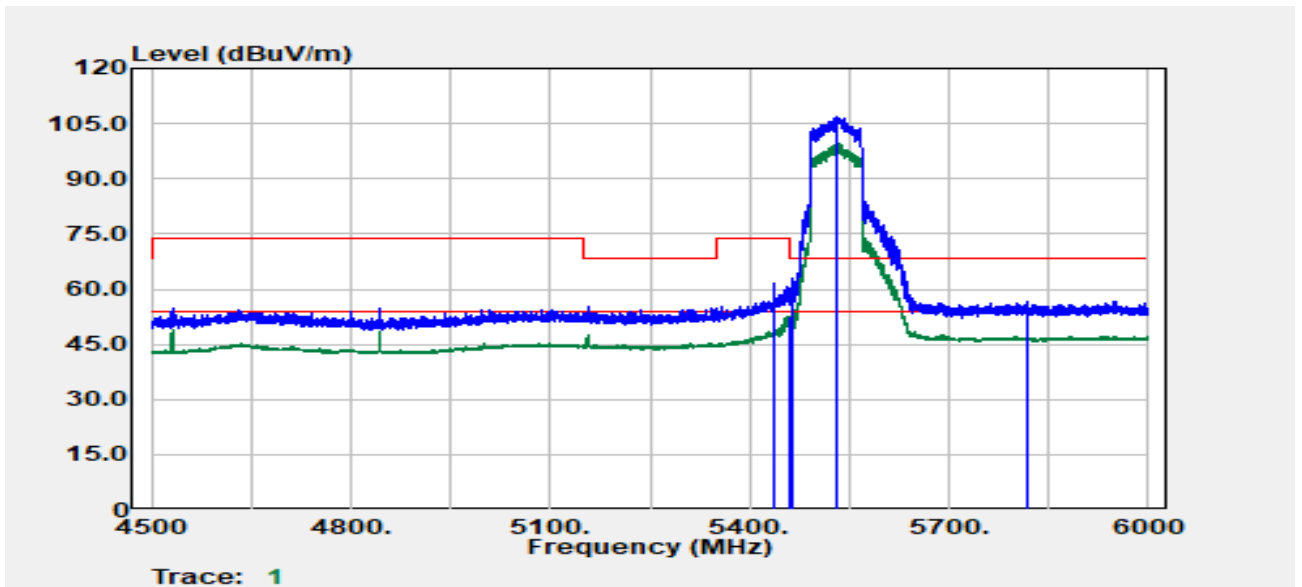
Test Date :2024-04-19
 Temp./Humi. :24.4/61
 Antenna Pol. :HORIZONTAL
 Engineer :Ray Li
 Test Chamber : 966A



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5443.66	Peak	41.93	13.48	55.41	74.00	-18.59
5459.91	Average	32.34	13.50	45.84	54.00	-8.16
5460.66	Peak	41.03	13.50	54.52	68.20	-13.68
5670.00	Peak	98.02	14.47	112.50	--	--
5670.00	Average	90.14	14.47	104.61	--	--
5725.00	Peak	48.50	14.96	63.45	68.20	-4.75

Report No.: TMWK2309003309KR

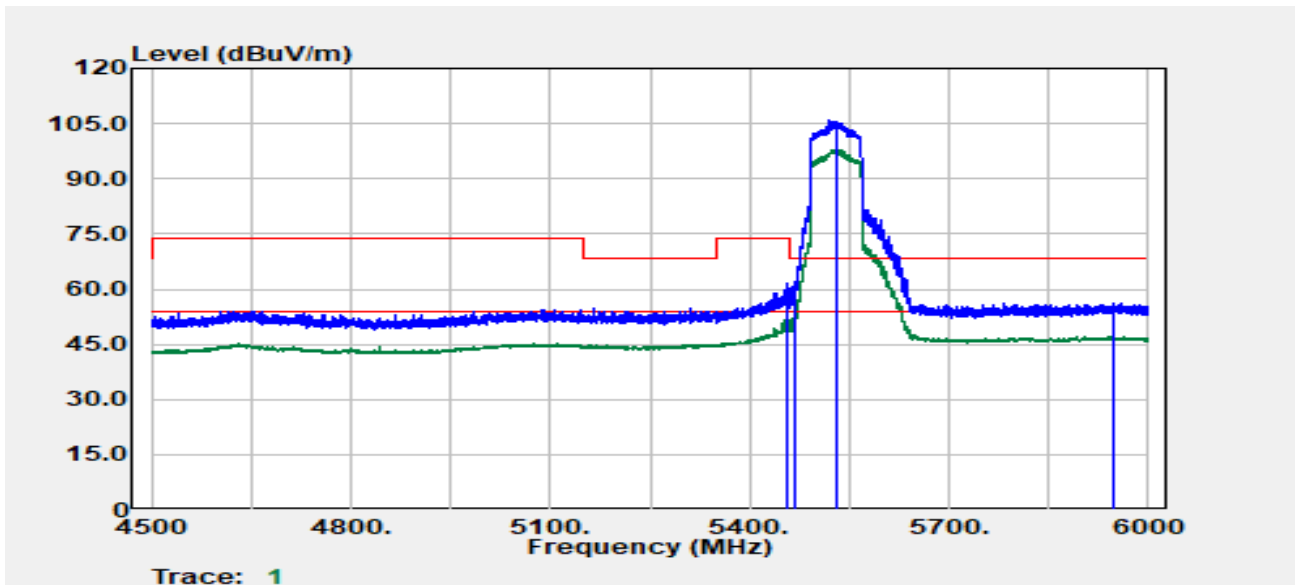
Project No	:TM-2309000207P	Test Date	:2024-04-19
Operation Band	:802.11ac80/Band3	Temp./Humi.	:24.4/61
Frequency	:5530 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Ray Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:16.5		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5436.41	Peak	48.00	13.43	61.43	74.00	-12.57
5458.41	Average	39.24	13.50	52.74	54.00	-1.26
5465.91	Peak	49.25	13.48	62.73	68.20	-5.47
5530.00	Peak	93.26	13.50	106.75	--	--
5530.00	Average	85.98	13.50	99.48	--	--
5817.72	Peak	41.50	15.24	56.74	68.20	-11.46

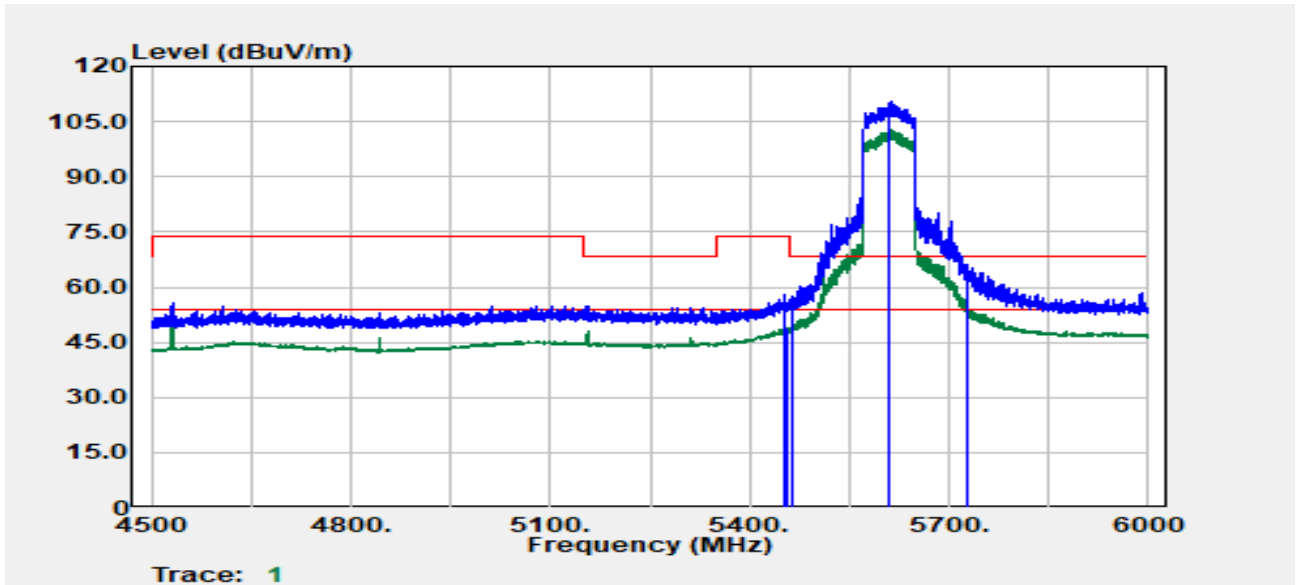
Report No.: TMWK2309003309KR

Project No	:TM-2309000207P	Test Date	:2024-04-19
Operation Band	:802.11ac80/Band3	Temp./Humi.	:24.4/61
Frequency	:5530 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Ray Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:16.5		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5457.16	Average	38.12	13.51	51.63	54.00	-2.37
5457.66	Peak	47.92	13.50	61.43	74.00	-12.57
5469.41	Peak	48.55	13.47	62.02	68.20	-6.18
5530.00	Peak	92.24	13.50	105.74	--	--
5530.00	Average	84.47	13.50	97.97	--	--
5945.99	Peak	40.91	15.35	56.25	68.20	-11.95

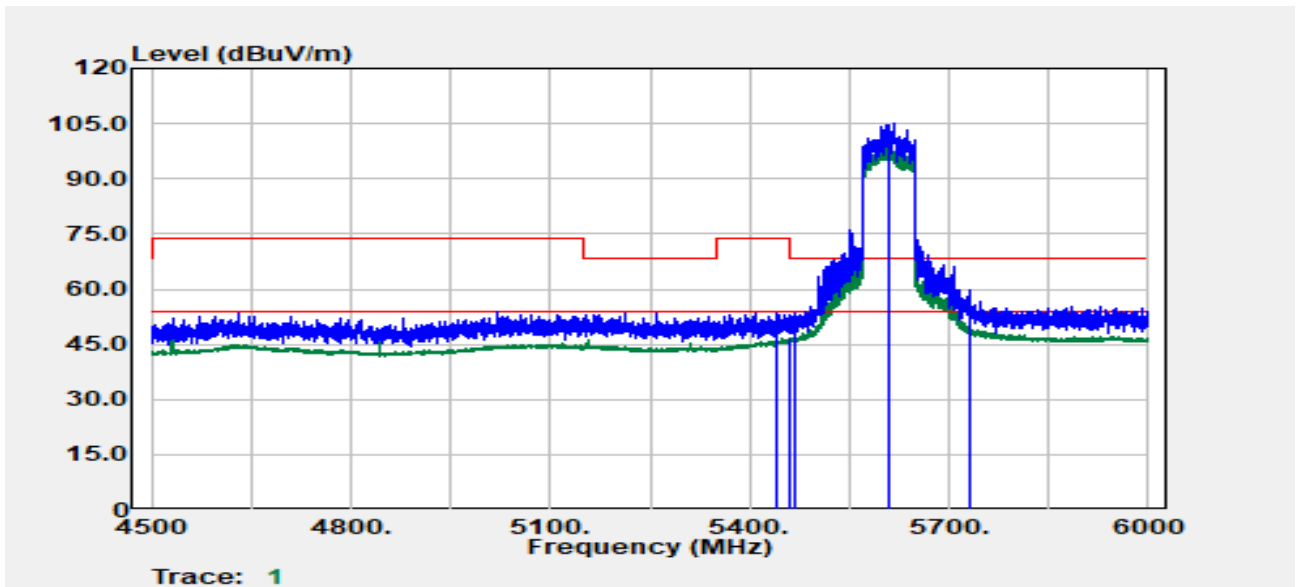
Project No	:TM-2309000207P	Test Date	:2024-04-19
Operation Band	:802.11ac80/Band3	Temp./Humi.	:24.5/57
Frequency	:5610 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Tony Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:19		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5453.77	Peak	44.51	13.51	58.02	74.00	-15.98
5455.52	Average	35.57	13.51	49.08	54.00	-4.92
5463.52	Peak	44.08	13.49	57.57	68.20	-10.63
5610.00	Peak	96.75	13.88	110.62	--	--
5610.00	Average	88.92	13.88	102.80	--	--
5726.39	Peak	51.11	14.96	66.08	68.20	-2.12

Project No :TM-2309000207P
 Operation Band :802.11ac80/Band3
 Frequency :5610 MHz
 Operation Mode :Bandedge
 EUT Pol :E2
 Setting :19

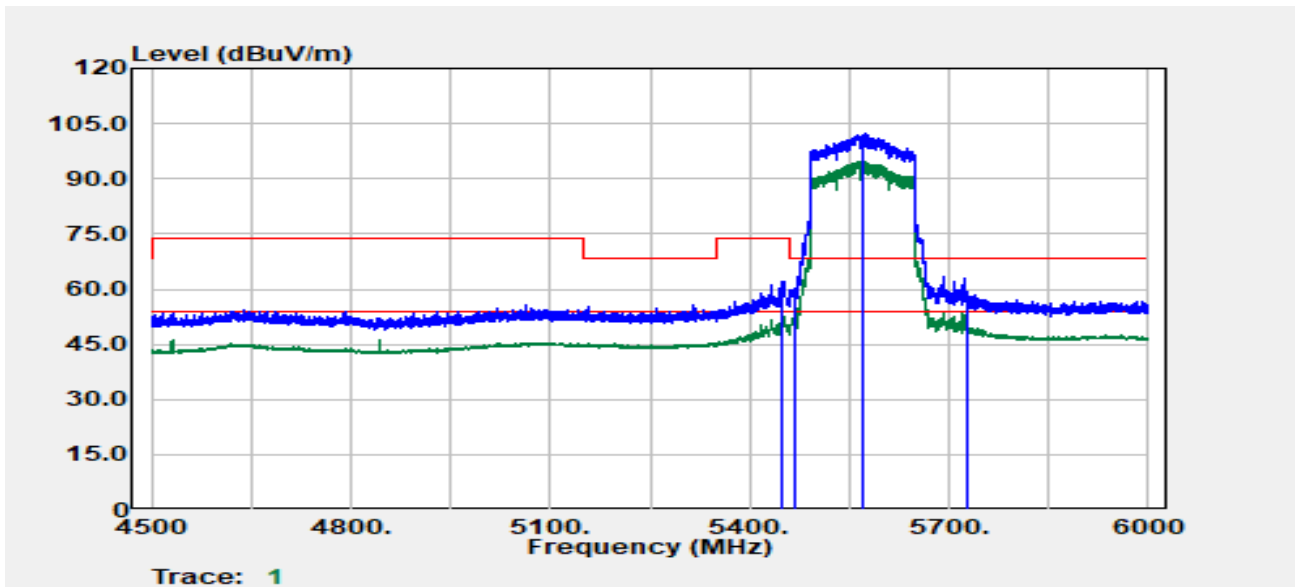
Test Date :2024-04-19
 Temp./Humi. :24.5/57
 Antenna Pol. :HORIZONTAL
 Engineer :Tony Chao
 Test Chamber : 966A



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
5440.03	Peak	39.86	13.46	53.32	74.00	-20.68
5459.77	Average	33.10	13.50	46.60	54.00	-7.40
5467.02	Peak	40.16	13.48	53.64	68.20	-14.56
5610.00	Peak	91.37	13.88	105.25	--	--
5610.00	Average	84.89	13.88	98.77	--	--
5729.64	Peak	44.77	14.99	59.76	68.20	-8.44

Report No.: TMWK2309003309KR

Project No	:TM-2309000207P	Test Date	:2024-04-22
Operation Band	:802.11ac160/Band3	Temp./Humi.	:24.4/58
Frequency	:5570 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Ray Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:16.5		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
5447.41	Average	40.08	13.51	53.59	54.00	-0.41
5447.91	Peak	48.61	13.51	62.12	74.00	-11.88
5466.41	Peak	46.85	13.48	60.33	68.20	-7.87
5570.00	Peak	88.77	13.65	102.42	--	--
5570.00	Average	81.10	13.65	94.75	--	--
5727.71	Peak	44.45	14.97	59.42	68.20	-8.78