

Spurious Emission

Spurious Emission GFSK 1M DH5 2402MHz



Spurious Emission $\pi/4$ DQPSK 2M DH5 2402MHz



Spurious Emission GFSK 1M DH5 2441MHz



Spurious Emission $\pi/4$ DQPSK 2M DH5 2441MHz



Spurious Emission GFSK 1M DH5 2480MHz



Spurious Emission $\pi/4$ DQPSK 2M DH5 2480MHz



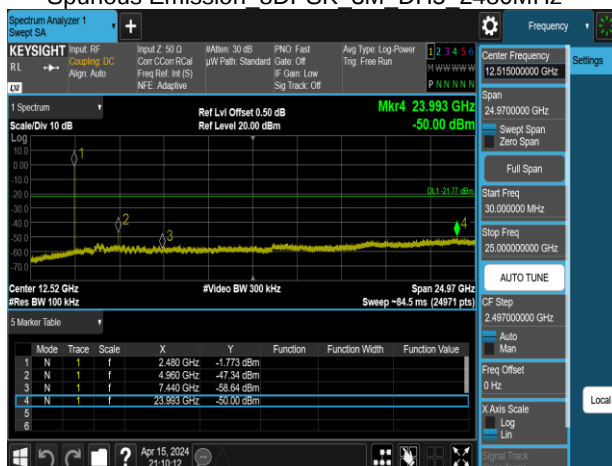
Spurious Emission 8DPSK 3M DH5 2402MHz



Spurious Emission 8DPSK 3M DH5 2441MHz



Spurious Emission 8DPSK 3M DH5 2480MHz



4.7 TIME OF OCCUPANCY (DWELL TIME)

4.7.1 Test Limit

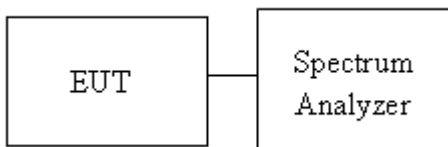
According to §15.247(a)(1)(iii)

The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed.

4.7.2 Test Procedure

1. EUT RF output port connected to the SA by RF cable.
2. Set center frequency of spectrum analyzer = operating frequency.
3. Set the spectrum analyzer as RBW=1MHz, VBW=3MHz, Sweep = 5 ms ~15ms(Depends on signal characteristics)

4.7.3 Test Setup



4.7.4 Test Result

Temperature: 22.1 ~ 23.9℃

Test date: April 12 ~ 15, 2024

Humidity: 55 ~ 56% RH

Tested by: Marco Chan

GFSK (1Mbps)

Channel	PACKET TYPE	Measurement Result (ms)	Limit (ms)
Mid	DH1	123.20	400
	DH3	262.40	400
	DH5	308.80	400

$\pi/4$ DQPSK (2Mbps)

Channel	PACKET TYPE	Measurement Result (ms)	Limit (ms)
Mid	2DH1	128.00	400
	2DH3	264.00	400
	2DH5	310.40	400

8-DPSK (3Mbps)

Channel	PACKET TYPE	Measurement Result (ms)	Limit (ms)
Mid	3DH1	126.40	400
	3DH3	262.40	400
	3DH5	308.80	400

GFSK (1Mbps):

CH Mid	DH1 time slot	=	0.385	*	(1600/2/79)	*	31.6	=	123.20 (ms)
	DH3 time slot	=	1.640	*	(1600/4/79)	*	31.6	=	262.40 (ms)
	DH5 time slot	=	2.895	*	(1600/6/79)	*	31.6	=	308.80 (ms)

$\pi/4$ -DQPSK (2Mbps):

CH Mid	2DH1 time slot	=	0.400	*	(1600/2/79)	*	31.6	=	128.00 (ms)
	2DH3 time slot	=	1.650	*	(1600/4/79)	*	31.6	=	264.00 (ms)
	2DH5 time slot	=	2.910	*	(1600/6/79)	*	31.6	=	310.40 (ms)

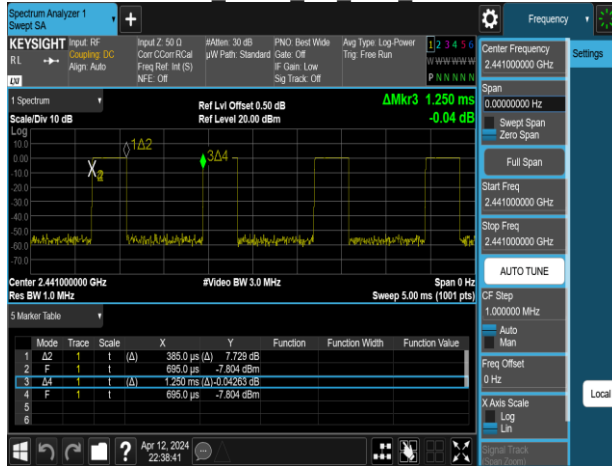
8-DPSK (3Mbps):

CH Mid	3DH1 time slot	=	0.395	*	(1600/2/79)	*	31.6	=	126.40 (ms)
	3DH3 time slot	=	1.640	*	(1600/4/79)	*	31.6	=	262.40 (ms)
	3DH5 time slot	=	2.895	*	(1600/6/79)	*	31.6	=	308.80 (ms)

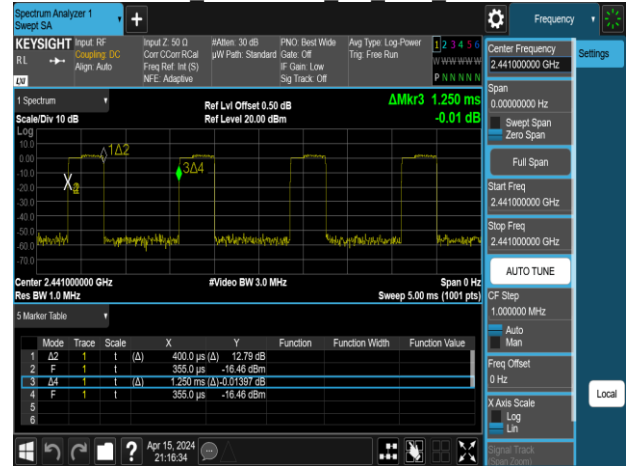
A period time = 0.4 (s) * 79 = 31.6 (s)

Test Data

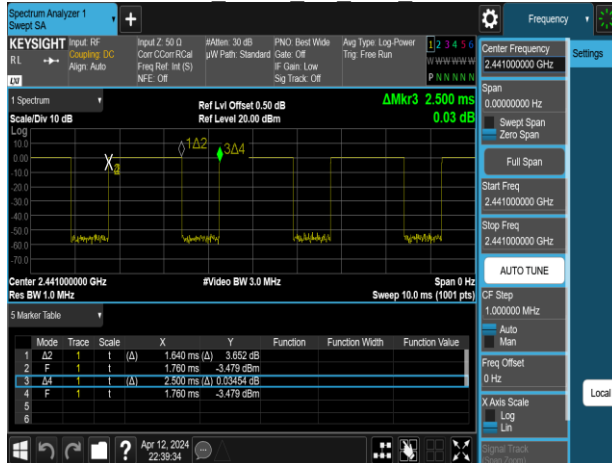
Dwell Time GFSK 1M DH1 2441MHz



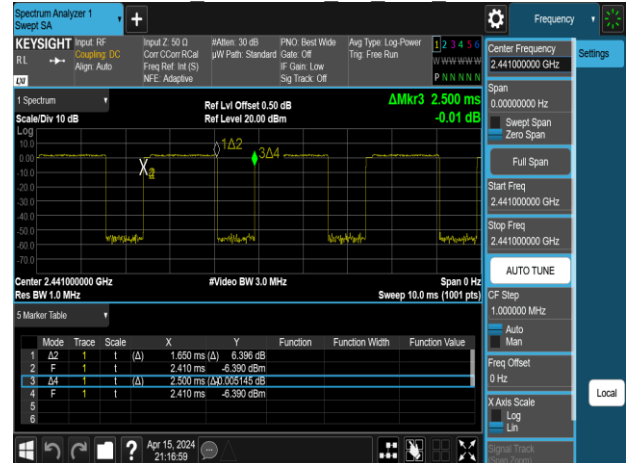
Dwell Time $\pi/4$ DQPSK 2M DH1 2441MHz



Dwell Time GFSK 1M DH3 2441MHz



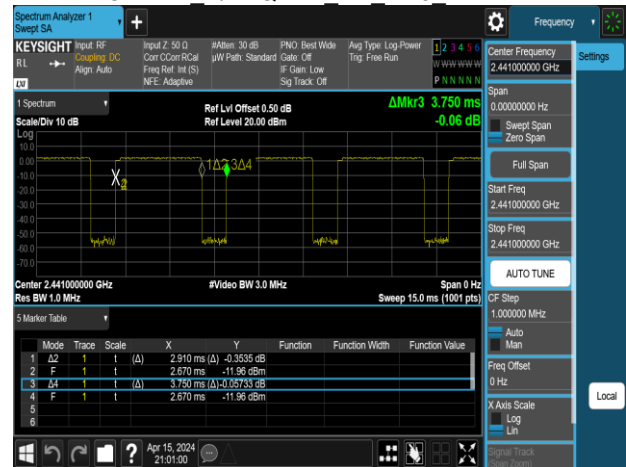
Dwell Time $\pi/4$ DQPSK 2M DH3 2441MHz



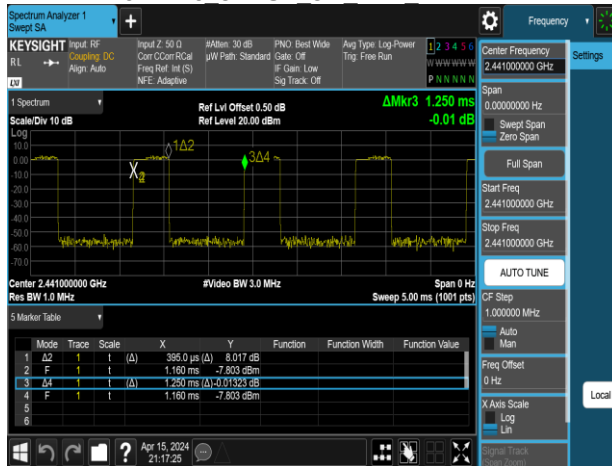
Dwell Time GFSK 1M DH5 2441MHz



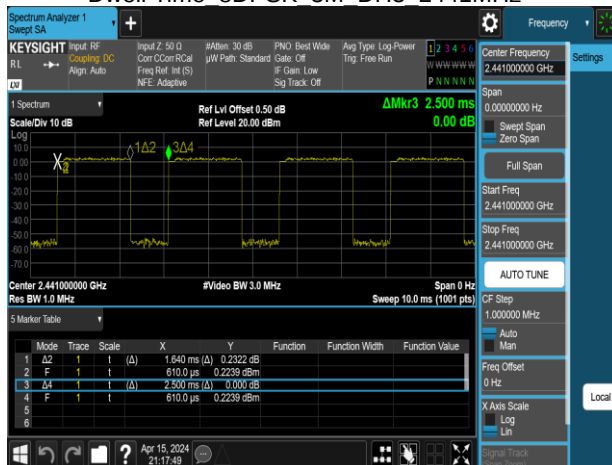
Dwell Time $\pi/4$ DQPSK 2M DH5 2441MHz



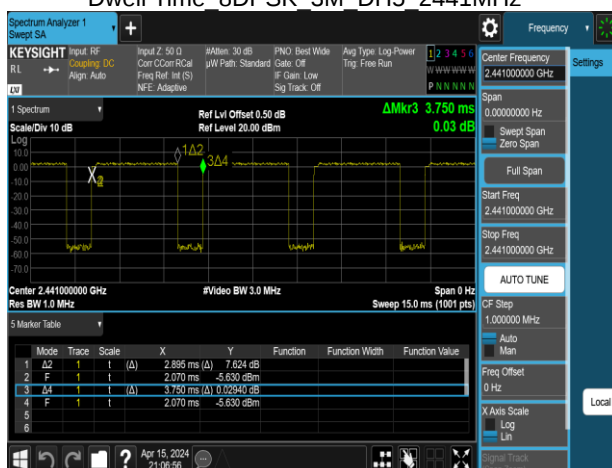
Dwell Time 8DPSK 3M DH1 2441MHz



Dwell Time 8DPSK 3M DH3 2441MHz



Dwell Time 8DPSK 3M DH5 2441MHz



4.8 RADIATION BANDEDGE AND SPURIOUS EMISSION

4.8.1 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 (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)

Remark:

Although these tests were performed other than open area test site, adequate comparison measurements were confirmed against 30 m open area test site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field based on KDB 414788.

4.8.2 Test Procedure

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)

4. The SA setting following :

- (1) Below 1G : RBW = 100kHz, VBW $\geq$ 3 RBW, Sweep = Auto, Detector = Peak, Trace = Max hold.
- (2) Above 1G :
 - (2.1) For Peak measurement : RBW = 1MHz, VBW $\geq$ 3 RBW, Sweep = Auto, Detector = Peak, Trace = Max hold.
 - (2.2) For Average measurement : RBW = 1MHz, VBW
 - *If Duty Cycle $\geq$ 98%, VBW=10Hz.
 - *If Duty Cycle < 98%, VBW $\geq$ 1/T.

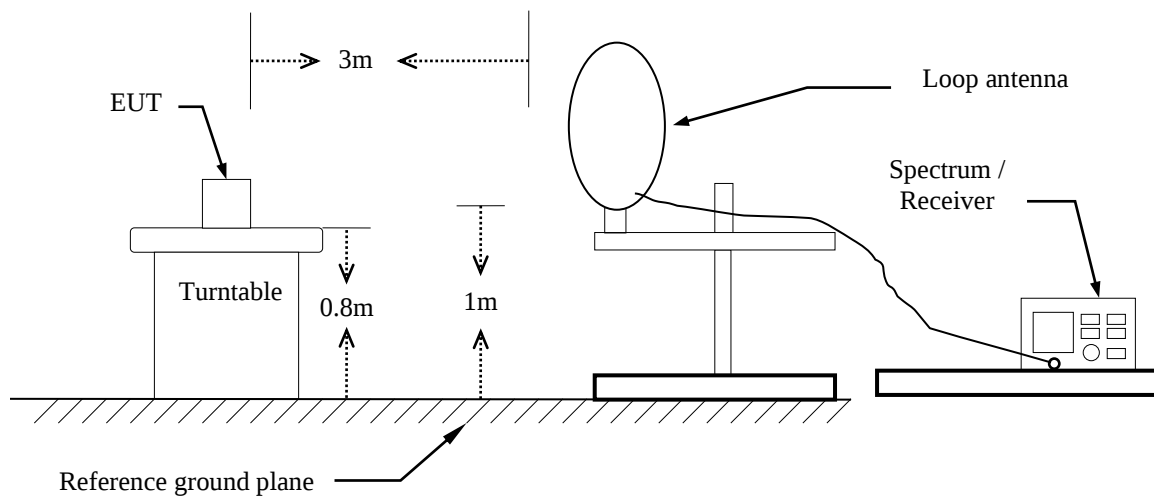
5. Data result

Actual FS=Spectrum Reading Level + Factor

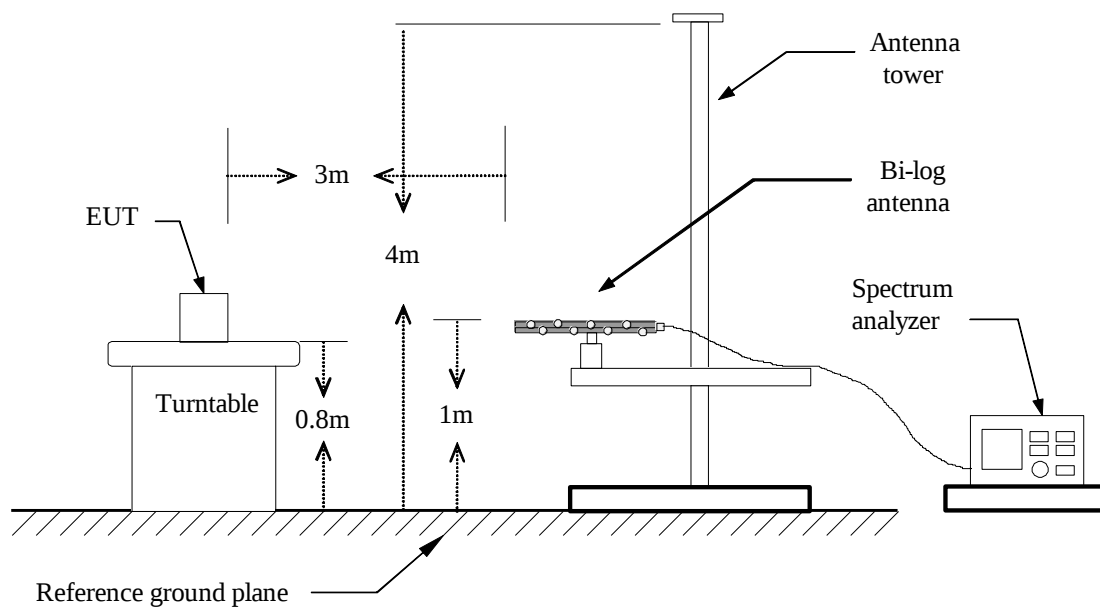
Margin=Actual FS- Limit

4.8.3 Test Setup

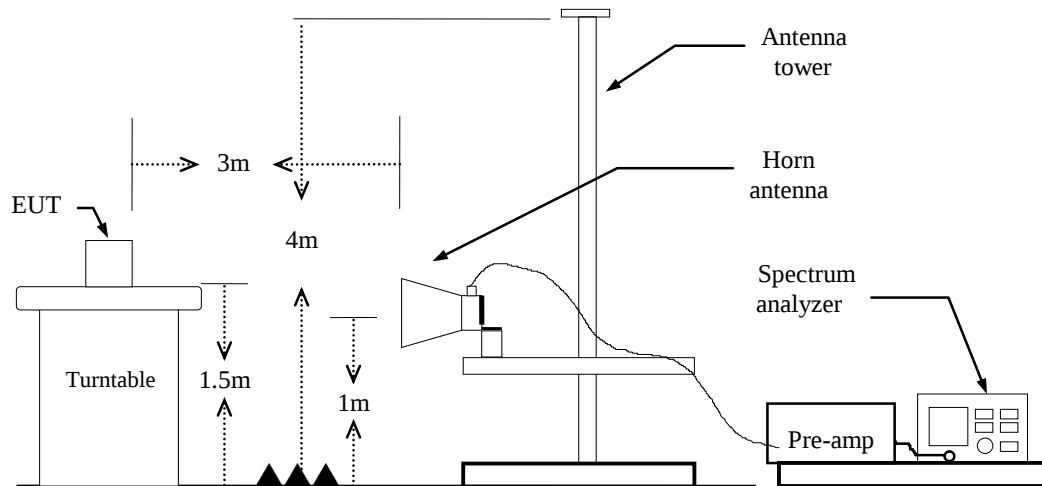
9kHz ~ 30MHz



30MHz ~ 1GHz



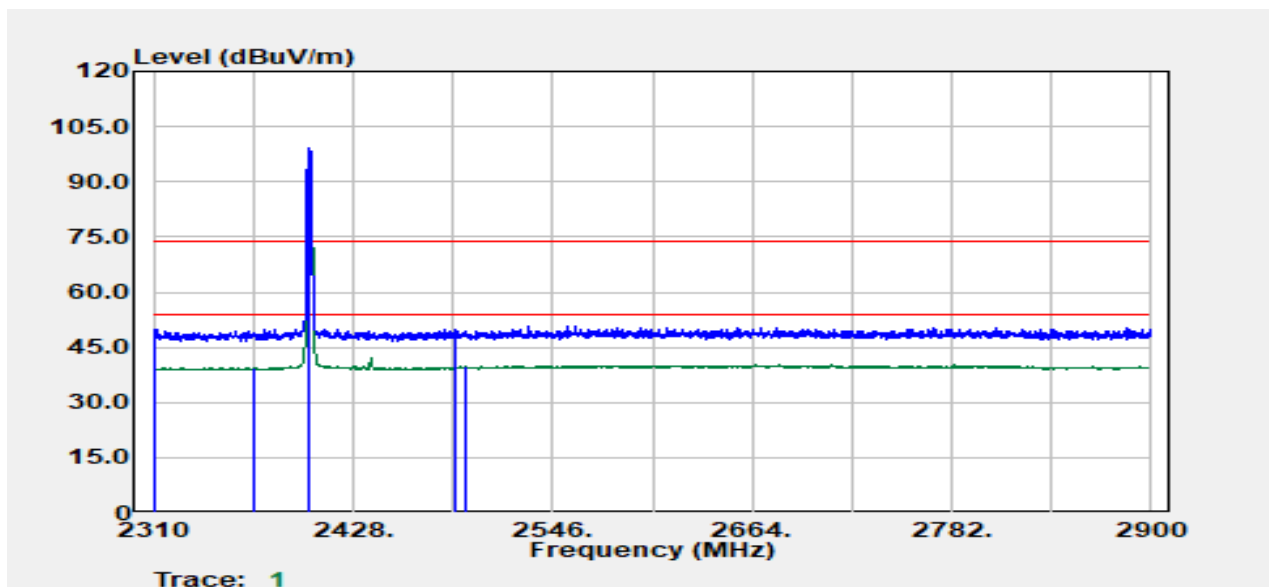
Above 1 GHz



4.8.4 Test Result

Band Edge Test Data

Project No	:TM-2404000058P	Test Date	:2024-04-12
Operation Band	:BT BR	Temp./Humi.	:24.5/57
Frequency	:2402 MHz	Antenna Pol.	:Vertical
Operation Mode	:Bandedge	Engineer	:Tony Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:		



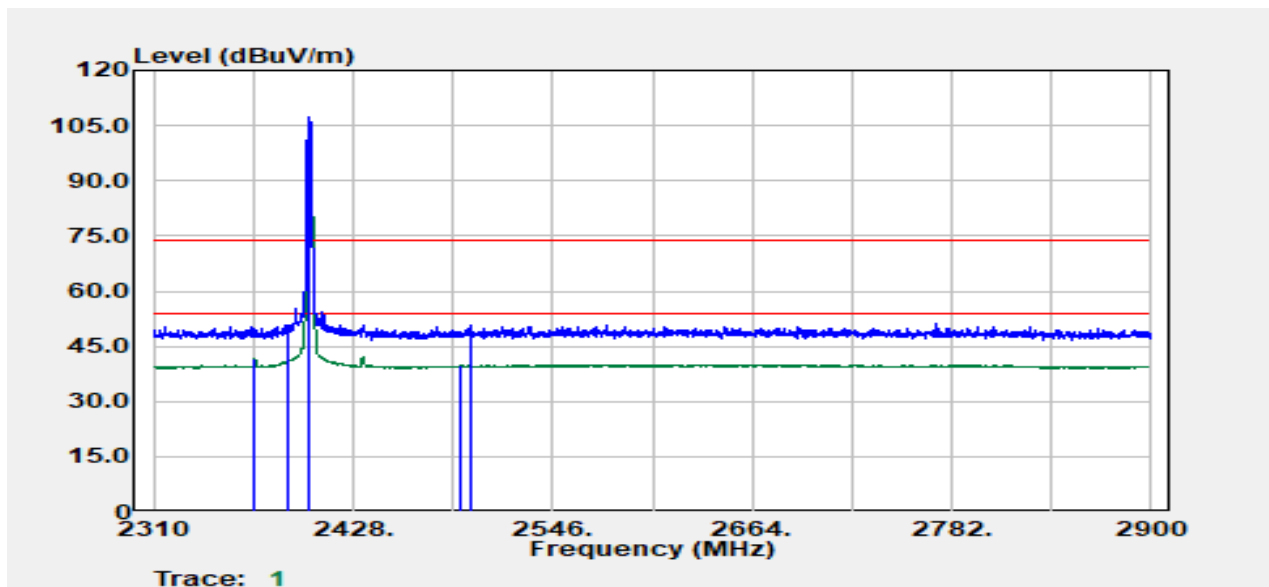
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2311.00	Peak	43.64	6.13	49.77	74.00	-24.23
2369.92	Average	33.45	6.16	39.61	54.00	-14.39
2402.00	Peak	93.00	6.29	99.29	--	--
2402.00	Average	92.96	6.29	99.25	--	--
2488.27	Peak	43.07	6.78	49.85	74.00	-24.15
2493.77	Average	32.87	6.82	39.68	54.00	-14.32

Report No.: TMWK2404001090KR

Page: 48 / 72
Rev.: 00

Project No :TM-2404000058P
Operation Band :BT BR
Frequency :2402 MHz
Operation Mode :Bandedge
EUT Pol :E2
Setting :

Test Date :2024-04-12
Temp./Humi. :24.5/57
Antenna Pol. :HORIZONTAL
Engineer :Tony Chao
Test Chamber : 966A



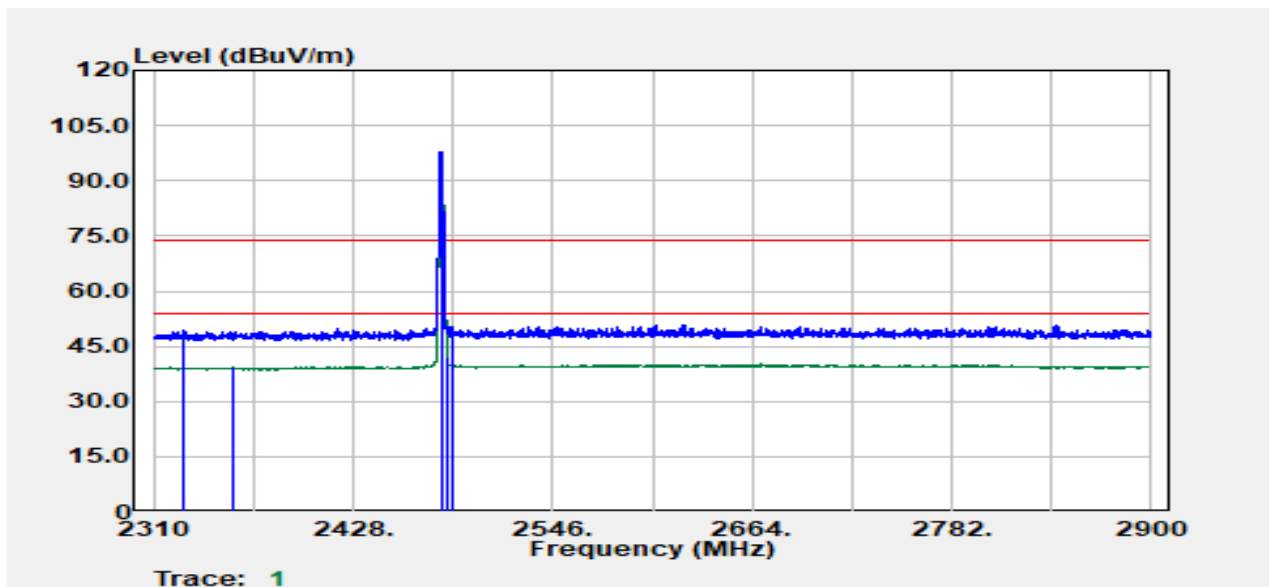
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2369.92	Average	35.28	6.16	41.44	54.00	-12.56
2389.65	Peak	44.60	6.27	50.88	74.00	-23.12
2402.00	Peak	100.89	6.29	107.18	--	--
2402.00	Average	100.84	6.29	107.13	--	--
2491.52	Average	32.93	6.81	39.74	54.00	-14.26
2498.26	Peak	43.75	6.83	50.58	74.00	-23.42

Report No.: TMWK2404001090KR

Page: 49 / 72
Rev.: 00

Project No :TM-2404000058P
Operation Band :BT BR
Frequency :2480 MHz
Operation Mode :Bandedge
EUT Pol :E2
Setting :

Test Date :2024-04-12
Temp./Humi. :24.5/57
Antenna Pol. :VERTICAL
Engineer :Tony Chao
Test Chamber : 966A



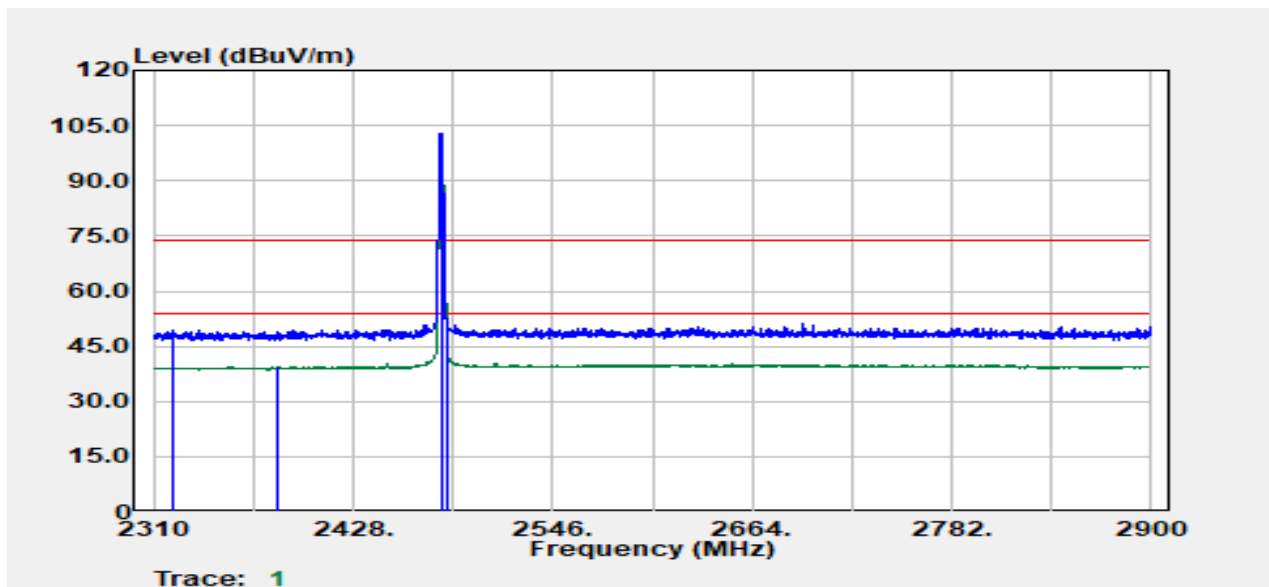
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2327.48	Peak	43.10	6.18	49.28	74.00	-24.72
2356.94	Average	33.01	6.25	39.26	54.00	-14.74
2480.00	Peak	91.30	6.67	97.97	--	--
2480.00	Average	91.28	6.67	97.94	--	--
2483.53	Average	35.56	6.71	42.27	54.00	-11.73
2486.53	Peak	43.57	6.76	50.32	74.00	-23.68

Report No.: TMWK2404001090KR

Page: 50 / 72
Rev.: 00

Project No :TM-2404000058P
Operation Band :BT BR
Frequency :2480 MHz
Operation Mode :Bandedge
EUT Pol :E2
Setting :

Test Date :2024-04-12
Temp./Humi. :24.5/57
Antenna Pol. :HORIZONTAL
Engineer :Tony Chao
Test Chamber : 966A



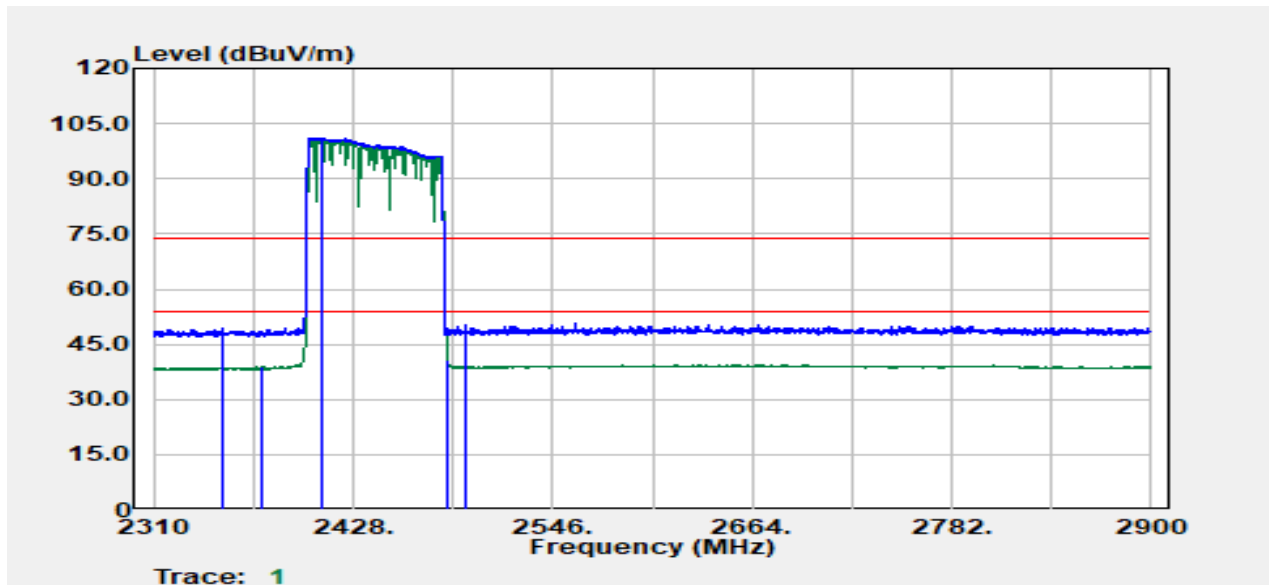
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2321.74	Peak	43.24	6.16	49.40	74.00	-24.60
2383.66	Average	33.12	6.15	39.27	54.00	-14.73
2480.00	Peak	96.31	6.67	102.98	--	--
2480.00	Average	96.30	6.67	102.96	--	--
2483.53	Average	38.88	6.71	45.59	54.00	-8.41
2484.03	Peak	44.97	6.72	51.70	74.00	-22.30

Report No.: TMWK2404001090KR

Page: 51 / 72
Rev.: 00

Project No : TM-2404000058P
Operation Band : BT BR
Frequency : 2402~2480 MHz
Operation Mode : Hopping
EUT Pol : E2
Setting :

Test Date : 2024-04-12
Temp./Humi. : 24.5/57
Antenna Pol. : VERTICAL
Engineer : Ray Li
Test Chamber : 966A



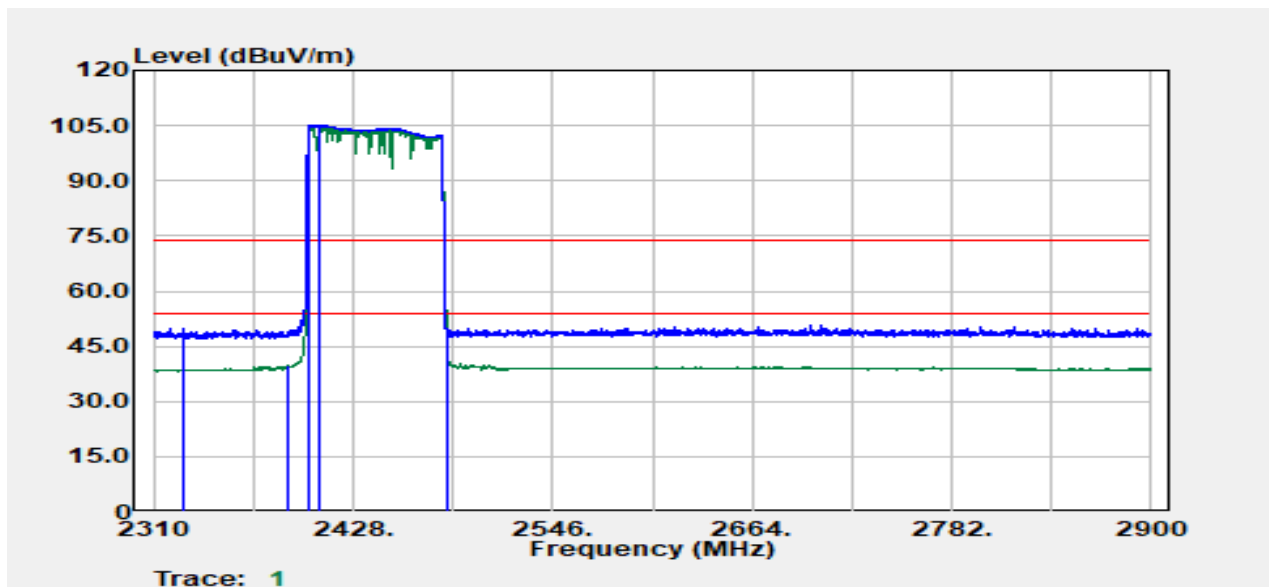
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2351.52	Peak	43.76	5.47	49.23	74.00	-24.77
2373.78	Average	33.57	5.36	38.93	54.00	-15.07
2409.79	Peak	95.47	5.53	101.00	--	--
2409.79	Average	95.39	5.53	100.93	--	--
2483.57	Average	34.74	5.94	40.69	54.00	-13.31
2494.08	Peak	44.18	6.05	50.23	74.00	-23.77

Report No.: TMWK2404001090KR

Page: 52 / 72
Rev.: 00

Project No : TM-2404000058P
Operation Band : BT BR
Frequency : 2402~2480 MHz
Operation Mode : Hopping
EUT Pol : E2
Setting :

Test Date : 2024-04-12
Temp./Humi. : 24.5/57
Antenna Pol. : HORIZONTAL
Engineer : Ray Li
Test Chamber : 966A



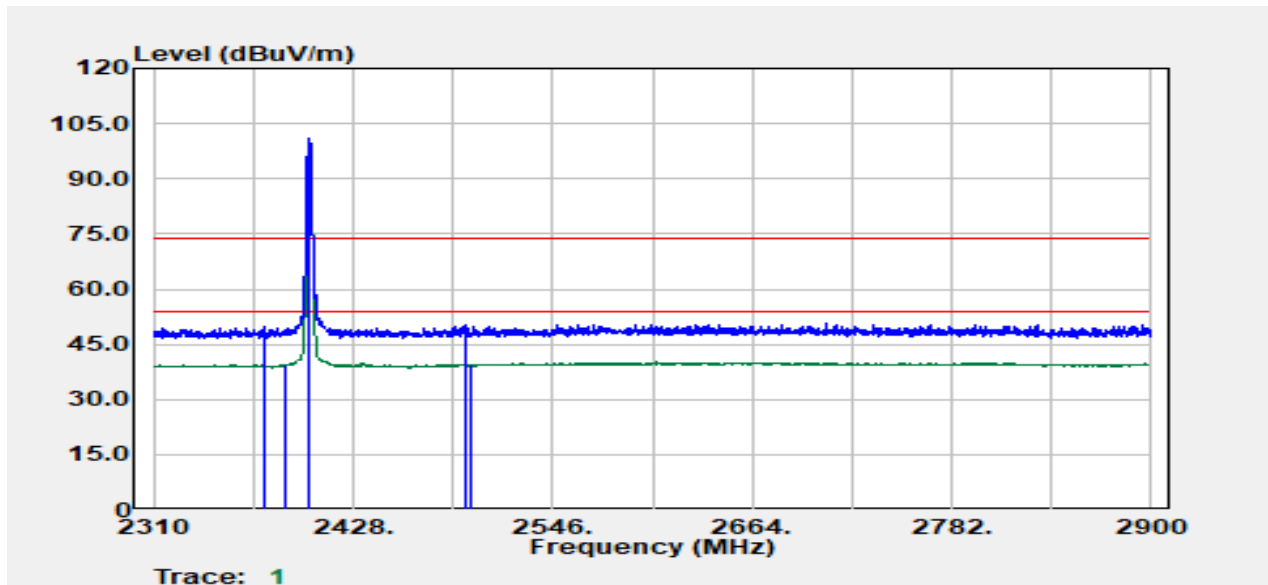
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2327.76	Peak	44.34	5.41	49.75	74.00	-24.25
2388.78	Average	34.22	5.48	39.71	54.00	-14.29
2401.79	Peak	99.65	5.52	105.17	--	--
2408.04	Average	99.46	5.53	104.99	--	--
2483.50	Peak	44.00	5.94	49.94	74.00	-24.06
2483.57	Average	37.58	5.94	43.52	54.00	-10.48

Report No.: TMWK2404001090KR

Page: 53 / 72
Rev.: 00

Project No :TM-2404000058P
Operation Band :BT EDR
Frequency :2402 MHz
Operation Mode :Bandedge
EUT Pol :E2
Setting :

Test Date :2024-04-12
Temp./Humi. :24.5/57
Antenna Pol. :VERTICAL
Engineer :Tony Chao
Test Chamber : 966A



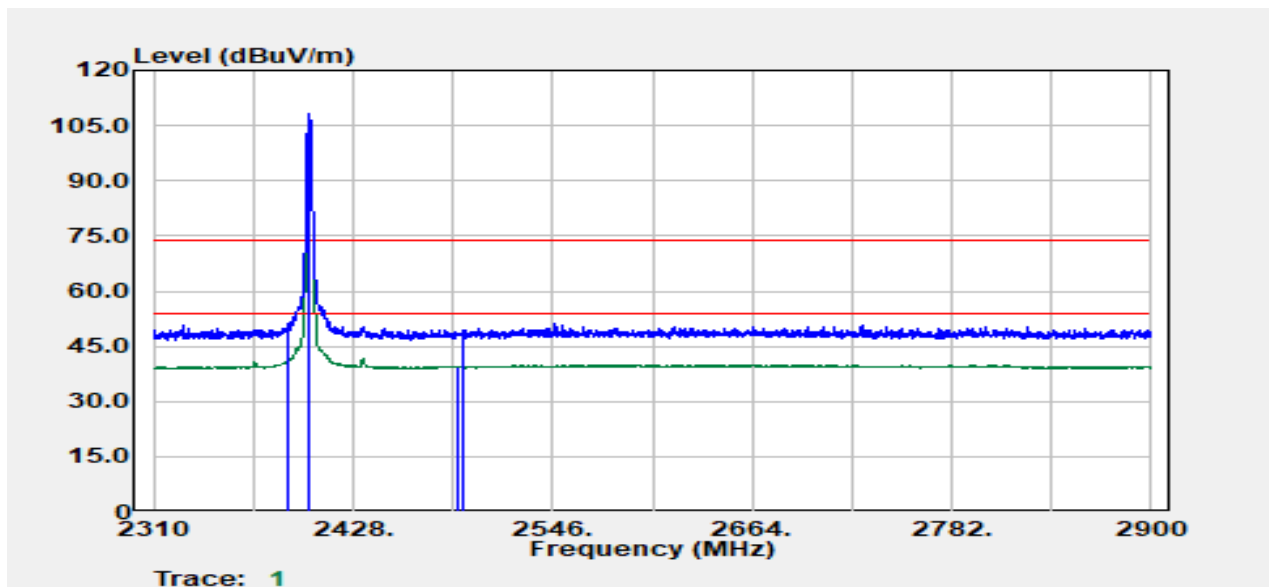
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2375.42	Peak	43.58	6.11	49.69	74.00	-24.31
2388.15	Average	33.21	6.24	39.46	54.00	-14.54
2402.00	Peak	94.86	6.29	101.15	--	--
2402.00	Average	91.86	6.29	98.15	--	--
2493.77	Peak	43.32	6.82	50.13	74.00	-23.87
2497.26	Average	32.68	6.83	39.51	54.00	-14.49

Report No.: TMWK2404001090KR

Page: 54 / 72
Rev.: 00

Project No :TM-2404000058P
Operation Band :BT EDR
Frequency :2402 MHz
Operation Mode :Bandedge
EUT Pol :E2
Setting :

Test Date :2024-04-12
Temp./Humi. :24.5/57
Antenna Pol. :HORIZONTAL
Engineer :Tony Chao
Test Chamber : 966A



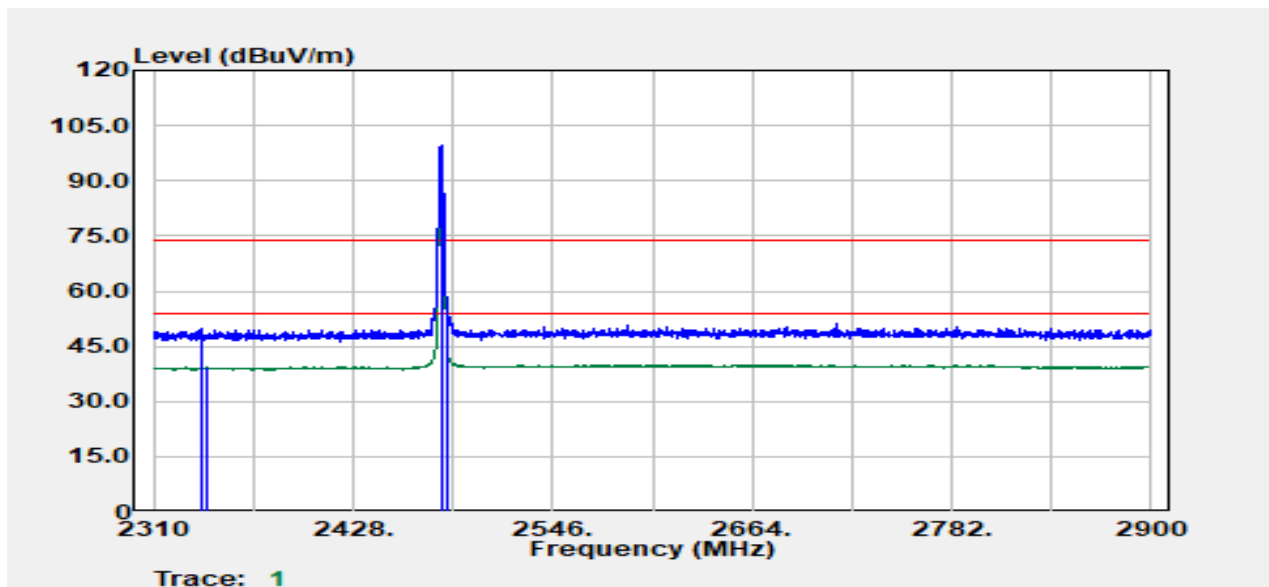
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2389.15	Peak	44.89	6.26	51.15	74.00	-22.85
2389.65	Average	34.70	6.27	40.97	54.00	-13.03
2402.00	Peak	101.75	6.29	108.05	--	--
2402.00	Average	98.75	6.29	105.04	--	--
2489.77	Average	32.78	6.80	39.58	54.00	-14.42
2492.52	Peak	42.60	6.81	49.41	74.00	-24.59

Report No.: TMWK2404001090KR

Page: 55 / 72
Rev.: 00

Project No :TM-2404000058P
Operation Band :BT EDR
Frequency :2480 MHz
Operation Mode :Bandedge
EUT Pol :E2
Setting :

Test Date :2024-04-12
Temp./Humi. :24.5/57
Antenna Pol. :VERTICAL
Engineer :Tony Chao
Test Chamber : 966A



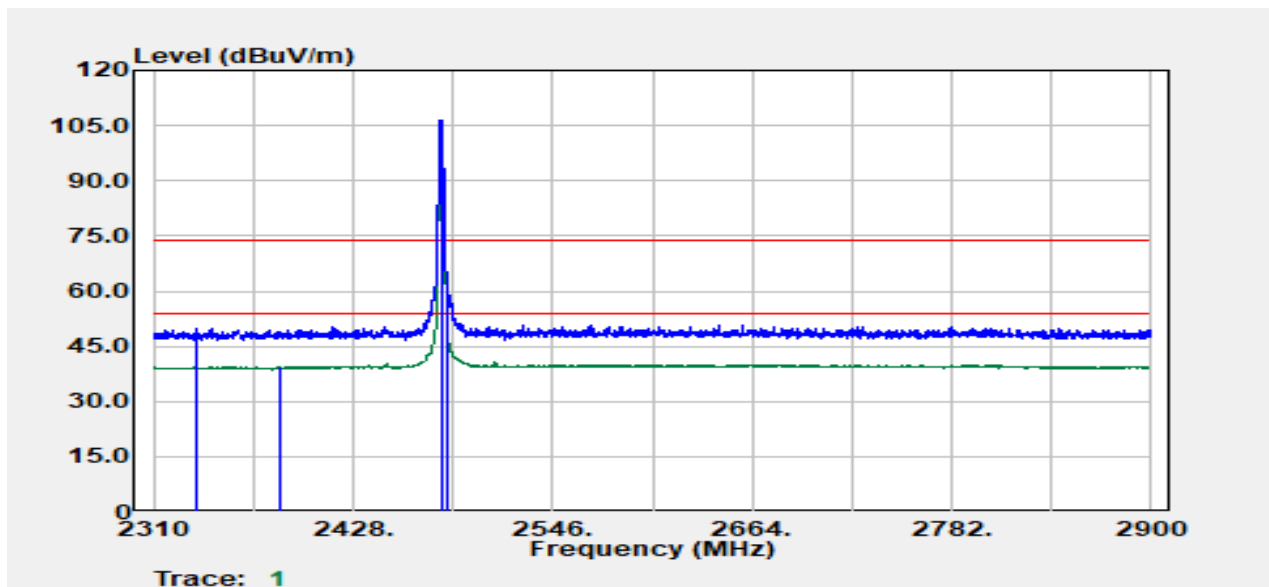
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2338.46	Peak	43.75	6.12	49.87	74.00	-24.13
2341.71	Average	33.15	6.13	39.28	54.00	-14.72
2480.00	Peak	92.75	6.67	99.42	--	--
2480.00	Average	89.70	6.67	96.37	--	--
2483.53	Peak	49.46	6.71	56.17	74.00	-17.83
2483.53	Average	38.64	6.71	45.35	54.00	-8.65

Report No.: TMWK2404001090KR

Page: 56 / 72
Rev.: 00

Project No : TM-2404000058P
Operation Band : BT EDR
Frequency : 2480 MHz
Operation Mode : Bandedge
EUT Pol : E2
Setting :

Test Date : 2024-04-12
Temp./Humi. : 24.5/57
Antenna Pol. : HORIZONTAL
Engineer : Tony Chao
Test Chamber : 966A



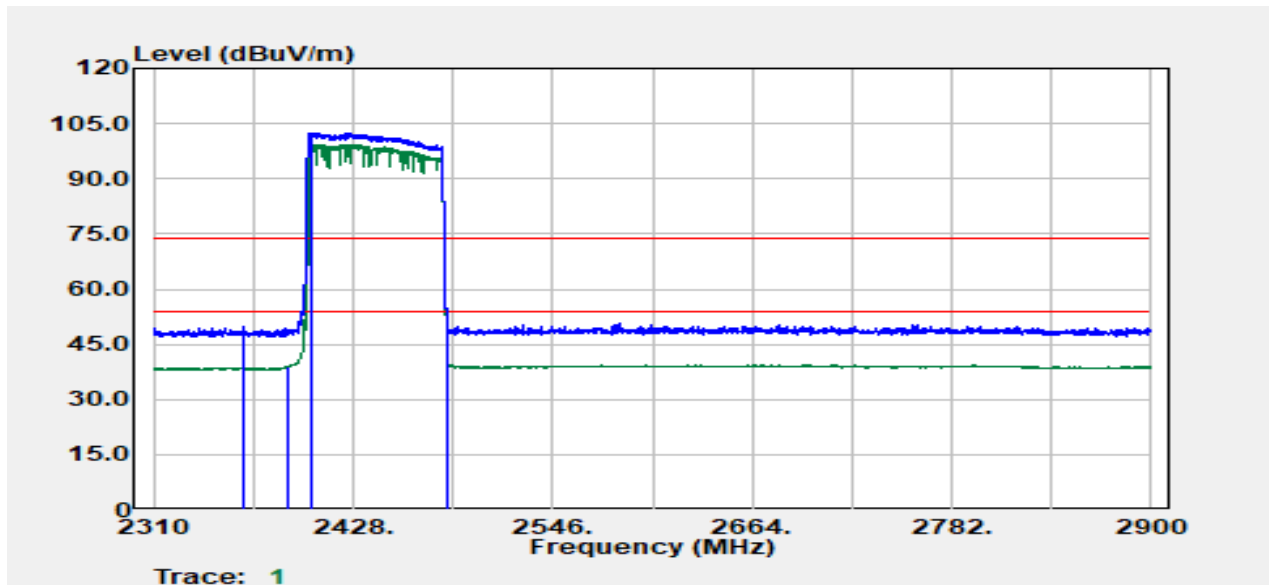
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2335.47	Peak	43.81	6.14	49.96	74.00	-24.04
2384.41	Average	33.24	6.16	39.40	54.00	-14.60
2480.00	Peak	99.63	6.67	106.30	--	--
2480.00	Average	96.62	6.67	103.29	--	--
2483.53	Peak	54.83	6.71	61.54	74.00	-12.46
2483.53	Average	44.82	6.71	51.53	54.00	-2.47

Report No.: TMWK2404001090KR

Page: 57 / 72
Rev.: 00

Project No :TM-2404000058P
Operation Band :BT EDR
Frequency :2402~2480 MHz
Operation Mode :Hopping
EUT Pol :E2
Setting :

Test Date :2024-04-12
Temp./Humi. :24.5/57
Antenna Pol. :VERTICAL
Engineer :Ray Li
Test Chamber : 966A



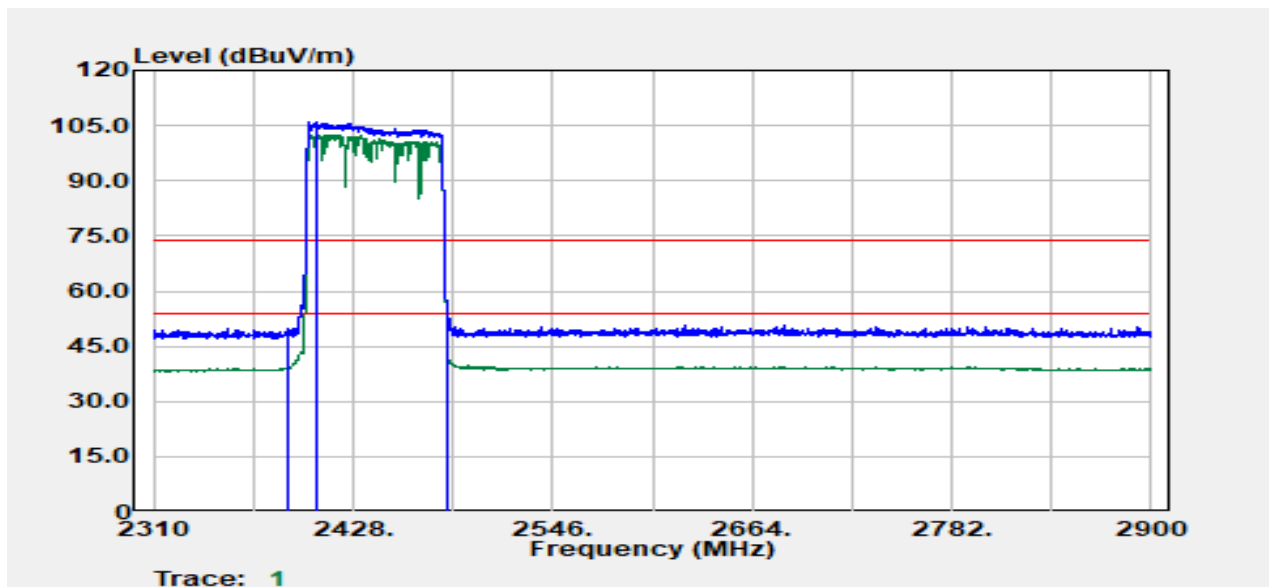
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2363.27	Peak	44.37	5.45	49.82	74.00	-24.18
2389.28	Average	33.41	5.49	38.91	54.00	-15.09
2402.79	Peak	96.91	5.52	102.44	--	--
2402.79	Average	94.42	5.52	99.95	--	--
2483.57	Peak	43.83	5.94	49.77	74.00	-24.23
2483.57	Average	37.21	5.94	43.15	54.00	-10.85

Report No.: TMWK2404001090KR

Page: 58 / 72
Rev.: 00

Project No :TM-2404000058P
Operation Band :BT EDR
Frequency :2402~2480 MHz
Operation Mode :Hopping
EUT Pol :E2
Setting :

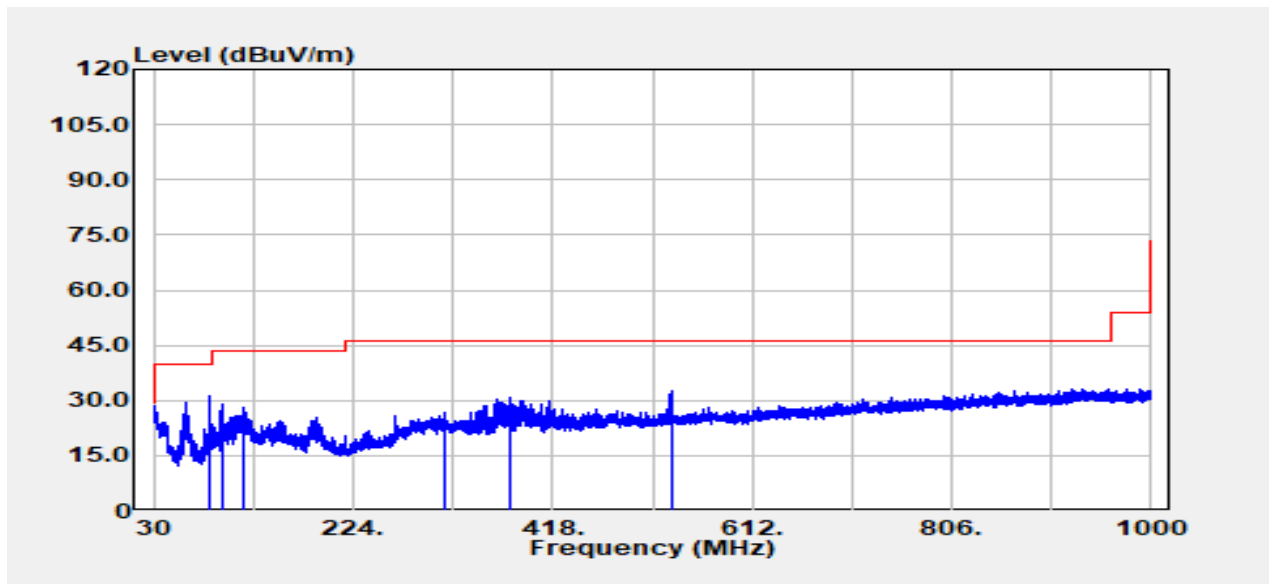
Test Date :2024-04-12
Temp./Humi. :24.5/57
Antenna Pol. :HORIZONTAL
Engineer :Ray Li
Test Chamber : 966A



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2389.28	Peak	44.43	5.49	49.92	74.00	-24.08
2389.78	Average	34.09	5.51	39.59	54.00	-14.41
2406.29	Peak	100.54	5.53	106.07	--	--
2406.29	Average	96.95	5.53	102.48	--	--
2483.57	Peak	49.30	5.94	55.24	74.00	-18.76
2483.57	Average	41.08	5.94	47.02	54.00	-6.98

TX Test Data

Project No	:TM-2404000058P	Test Date	:2024-04-12
Operation Band	:BT EDR	Temp./Humi.	:24.5/57
Frequency	:2480 MHz	Antenna Pol.	:Vertical
Operation Mode	:TX	Engineer	:Ray Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:		

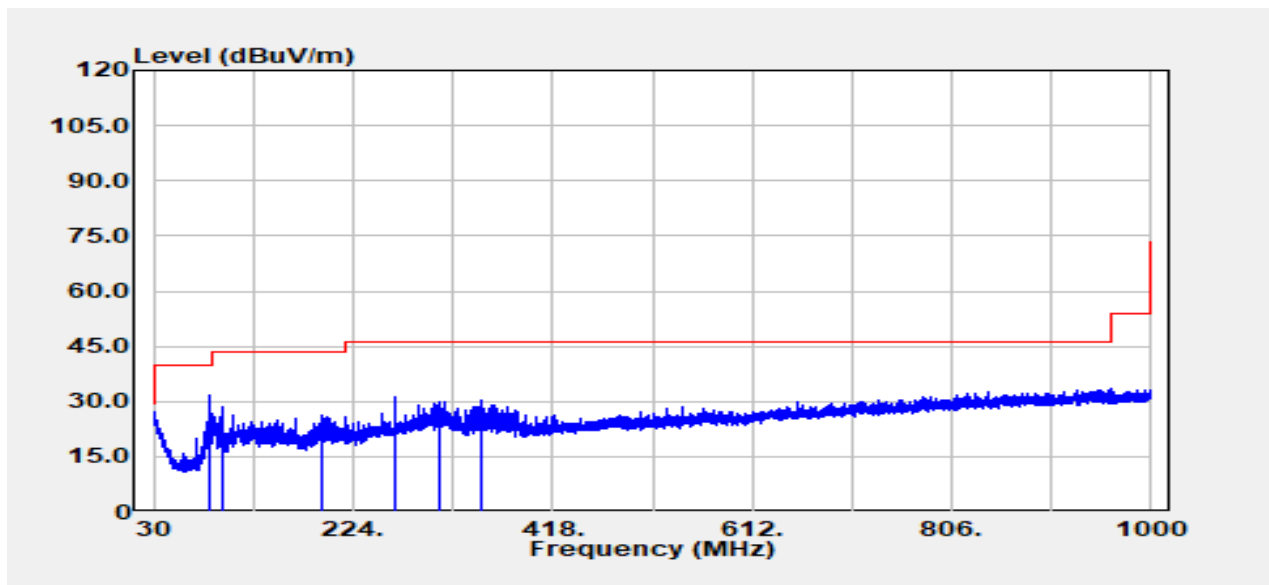


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBUV	Factor dB	Actual FS dBUV/m	Limit dBUV/m	Margin dB
83.96	Peak	46.99	-15.74	31.26	40.00	-8.74
95.96	Peak	42.60	-13.78	28.81	43.50	-14.69
116.82	Peak	37.13	-9.16	27.97	43.50	-15.53
312.03	Peak	35.13	-8.25	26.87	46.00	-19.13
376.65	Peak	37.39	-6.64	30.75	46.00	-15.25
532.95	Peak	35.65	-2.95	32.70	46.00	-13.30

Report No.: TMWK2404001090KR

Page: 60 / 72
Rev.: 00

Project No	:TM-2404000058P	Test Date	:2024-04-12
Operation Band	:BT EDR	Temp./Humi.	:24.5/57
Frequency	:2480 MHz	Antenna Pol.	:Horizontal
Operation Mode	:TX	Engineer	:Ray Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:		



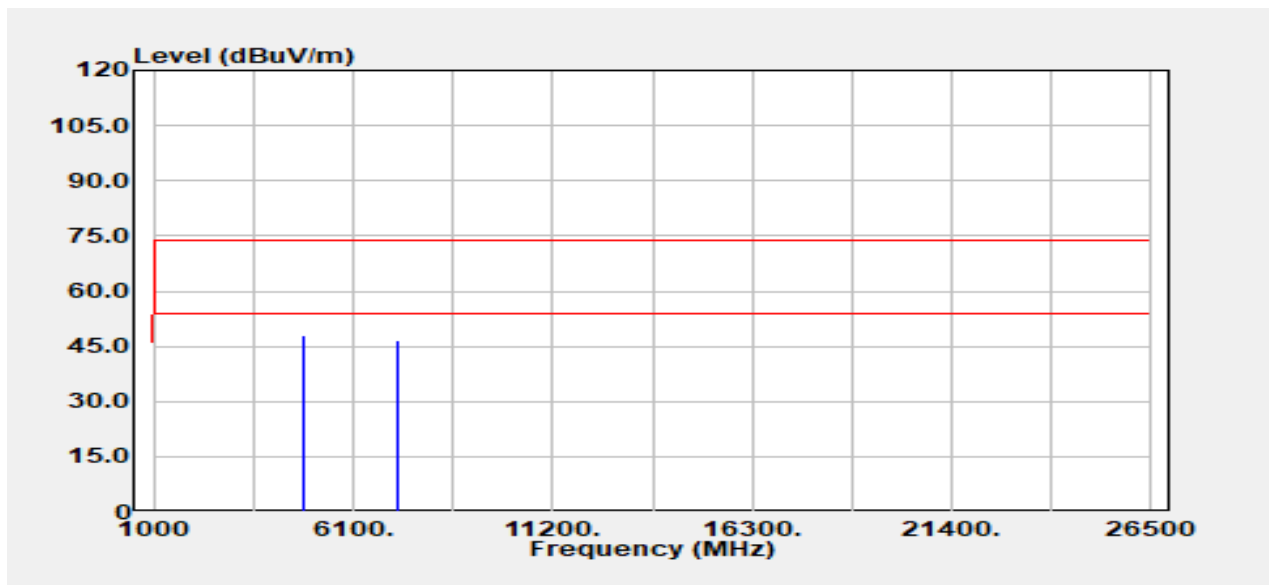
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
84.08	Peak	47.23	-15.73	31.50	40.00	-8.50
95.96	Peak	42.11	-13.78	28.33	43.50	-15.17
194.17	Peak	37.00	-10.82	26.18	43.50	-17.32
264.01	Peak	40.94	-9.56	31.38	46.00	-14.62
307.66	Peak	38.40	-8.40	30.01	46.00	-15.99
348.89	Peak	37.69	-7.46	30.23	46.00	-15.77

Report No.: TMWK2404001090KR

Page: 61 / 72
Rev.: 00

Project No :TM-2404000058P
Operation Band :BT BR
Frequency :2402 MHz
Operation Mode :TX
EUT Pol :E2
Setting :

Test Date :2024-04-12
Temp./Humi. :24.5/57
Antenna Pol. :Vertical
Engineer :Ray Li
Test Chamber : 966A



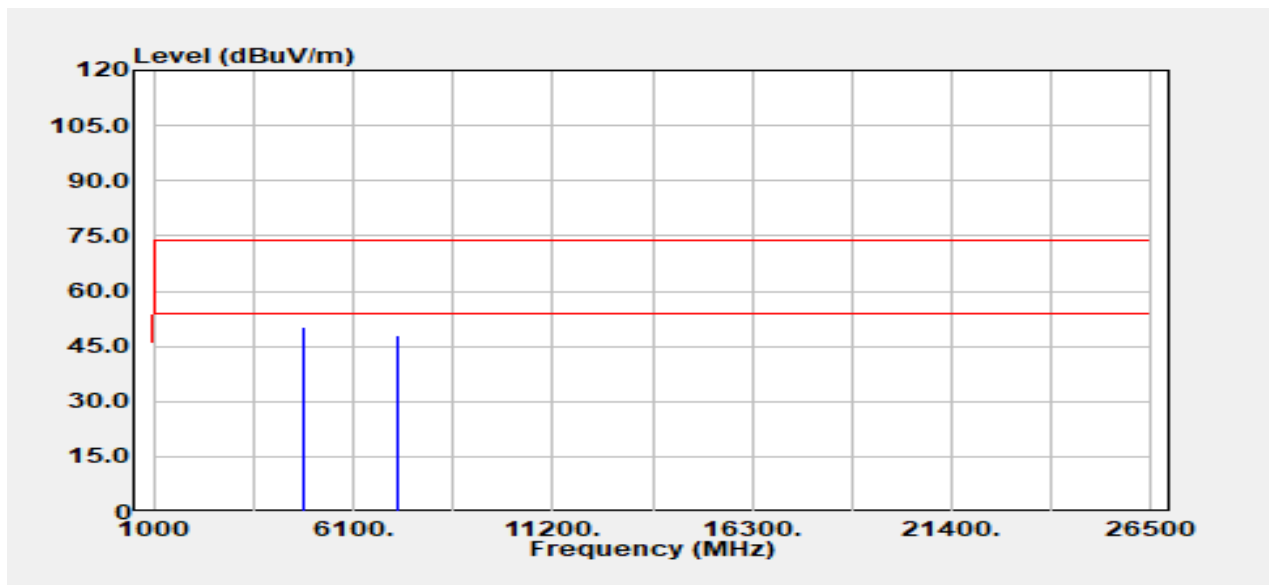
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
4804.00	Peak	45.84	2.23	48.07	74.00	-25.93
4804.00	Average	42.46	2.23	44.69	54.00	-9.31
7206.00	Peak	37.62	9.01	46.63	74.00	-27.37
7206.00	Average	31.71	9.01	40.72	54.00	-13.28

Report No.: TMWK2404001090KR

Page: 62 / 72
Rev.: 00

Project No :TM-2404000058P
Operation Band :BT BR
Frequency :2402 MHz
Operation Mode :TX
EUT Pol :E2
Setting :

Test Date :2024-04-12
Temp./Humi. :24.5/57
Antenna Pol. :Horizontal
Engineer :Ray Li
Test Chamber : 966A



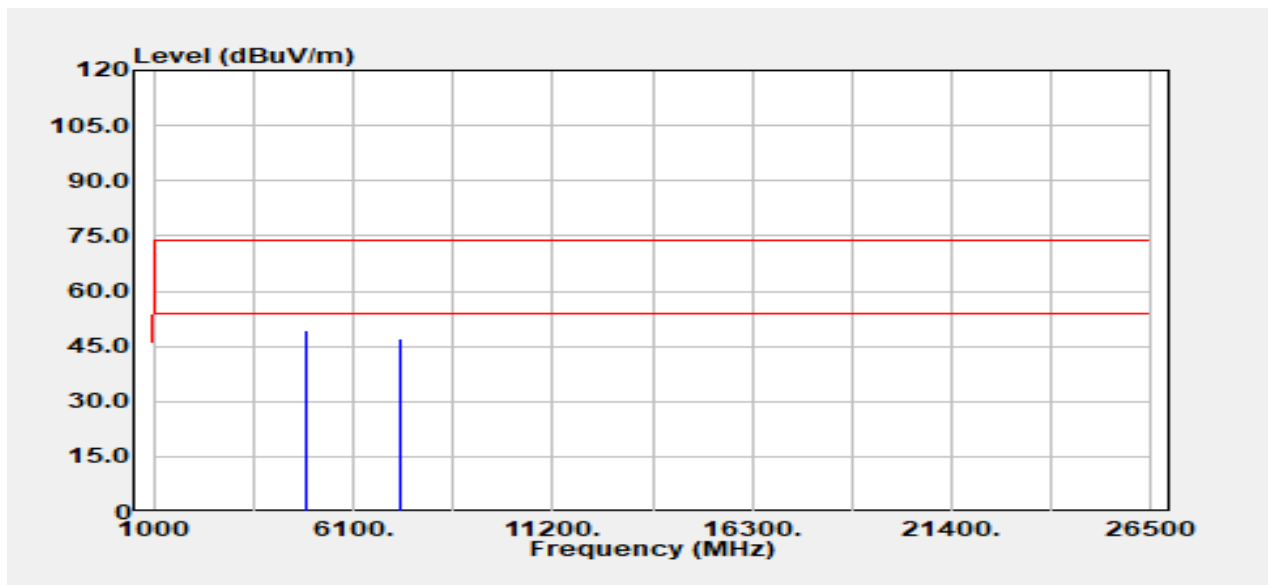
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4804.00	Peak	48.09	2.23	50.32	74.00	-23.68
4804.00	Average	46.33	2.23	48.55	54.00	-5.45
7206.00	Peak	39.20	9.01	48.21	74.00	-25.79
7206.00	Average	31.52	9.01	40.53	54.00	-13.47

Report No.: TMWK2404001090KR

Page: 63 / 72
Rev.: 00

Project No :TM-2404000058P
Operation Band :BT BR
Frequency :2441 MHz
Operation Mode :TX
EUT Pol :E2
Setting :

Test Date :2024-04-12
Temp./Humi. :24.5/57
Antenna Pol. :Vertical
Engineer :Ray Li
Test Chamber : 966A



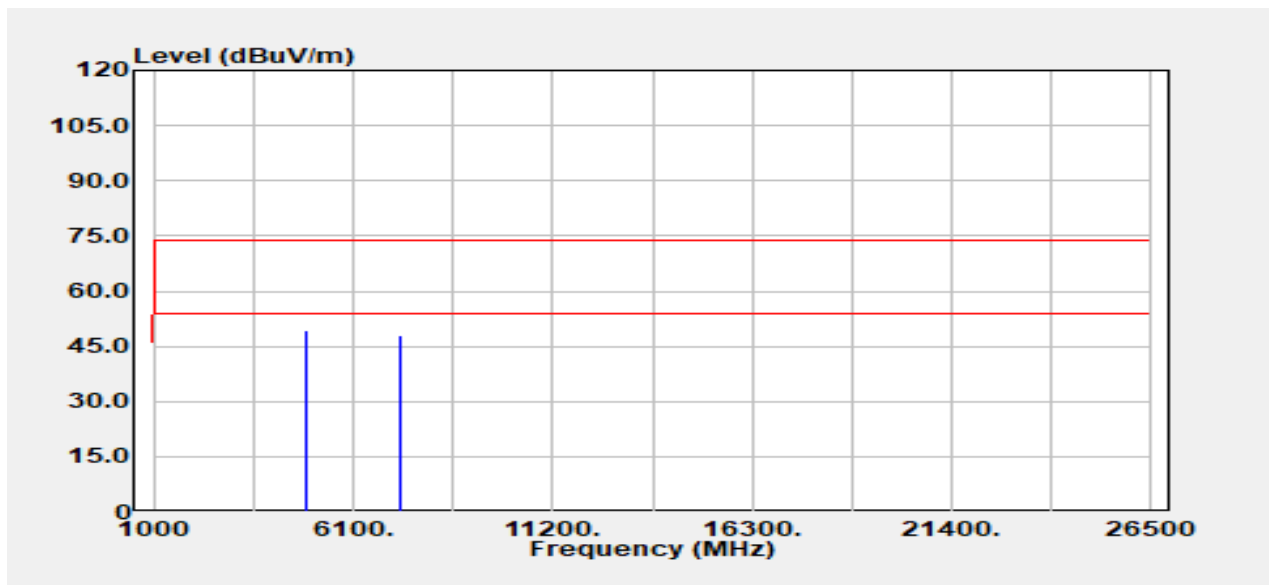
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4882.00	Peak	46.68	2.56	49.24	74.00	-24.76
4882.00	Average	43.47	2.56	46.04	54.00	-7.96
7323.00	Peak	38.28	8.96	47.23	74.00	-26.77
7323.00	Average	33.83	8.96	42.78	54.00	-11.22

Report No.: TMWK2404001090KR

Page: 64 / 72
Rev.: 00

Project No :TM-2404000058P
Operation Band :BT BR
Frequency :2441 MHz
Operation Mode :TX
EUT Pol :E2
Setting :

Test Date :2024-04-12
Temp./Humi. :24.5/57
Antenna Pol. :Horizontal
Engineer :Ray Li
Test Chamber : 966A



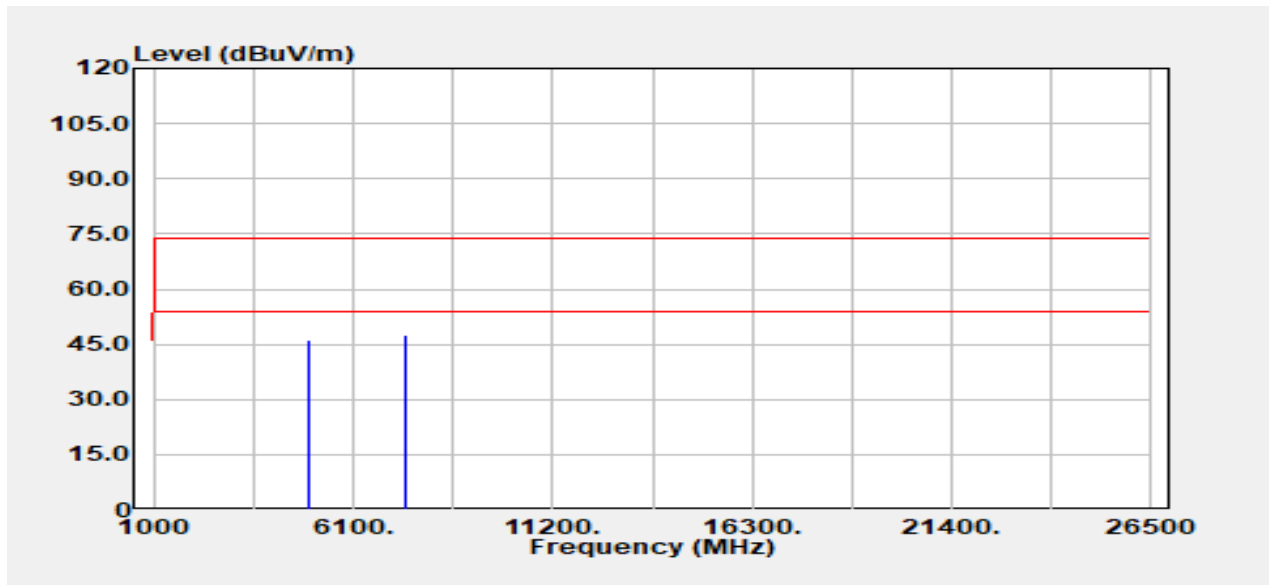
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4882.00	Peak	46.60	2.56	49.16	74.00	-24.84
4882.00	Average	43.89	2.56	46.46	54.00	-7.54
7323.00	Peak	38.94	8.96	47.89	74.00	-26.11
7323.00	Average	32.19	8.96	41.15	54.00	-12.85

Report No.: TMWK2404001090KR

Page: 65 / 72
Rev.: 00

Project No :TM-2404000058P
Operation Band :BT BR
Frequency :2480 MHz
Operation Mode :TX
EUT Pol :E2
Setting :

Test Date :2024-04-12
Temp./Humi. :24.5/57
Antenna Pol. :Vertical
Engineer :Ray Li
Test Chamber : 966A



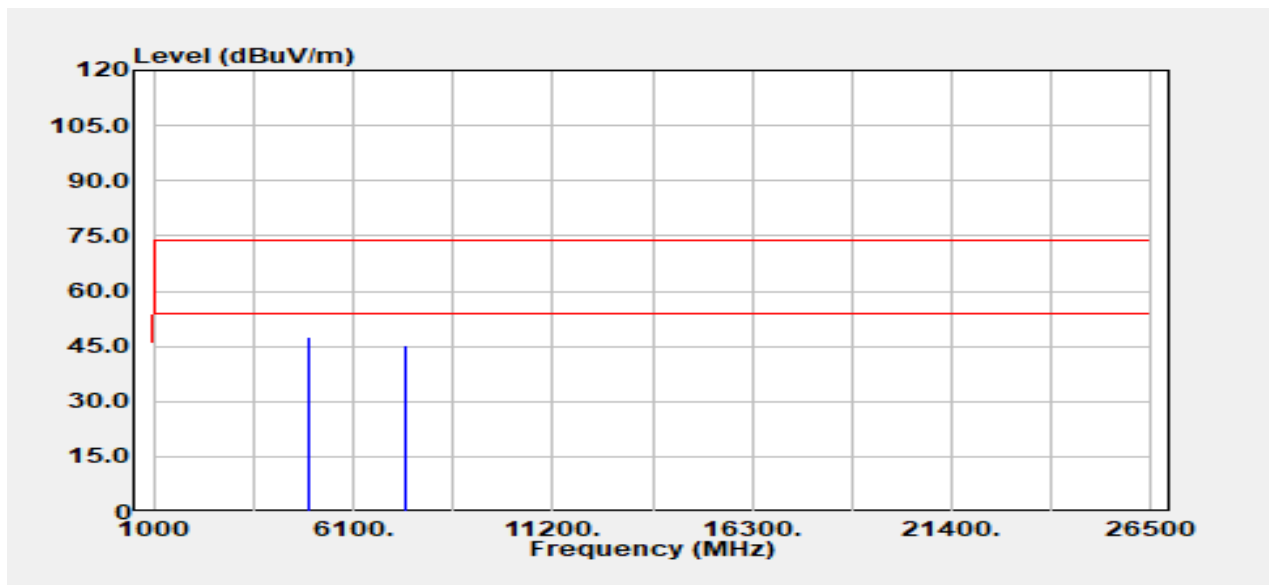
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4960.00	Peak	42.79	3.21	46.01	74.00	-27.99
4960.00	Average	39.85	3.21	43.06	54.00	-10.94
7440.00	Peak	38.65	8.92	47.57	74.00	-26.43
7440.00	Average	34.58	8.92	43.50	54.00	-10.50

Report No.: TMWK2404001090KR

Page: 66 / 72
Rev.: 00

Project No :TM-2404000058P
Operation Band :BT BR
Frequency :2480 MHz
Operation Mode :TX
EUT Pol :E2
Setting :

Test Date :2024-04-12
Temp./Humi. :24.5/57
Antenna Pol. :Horizontal
Engineer :Ray Li
Test Chamber : 966A



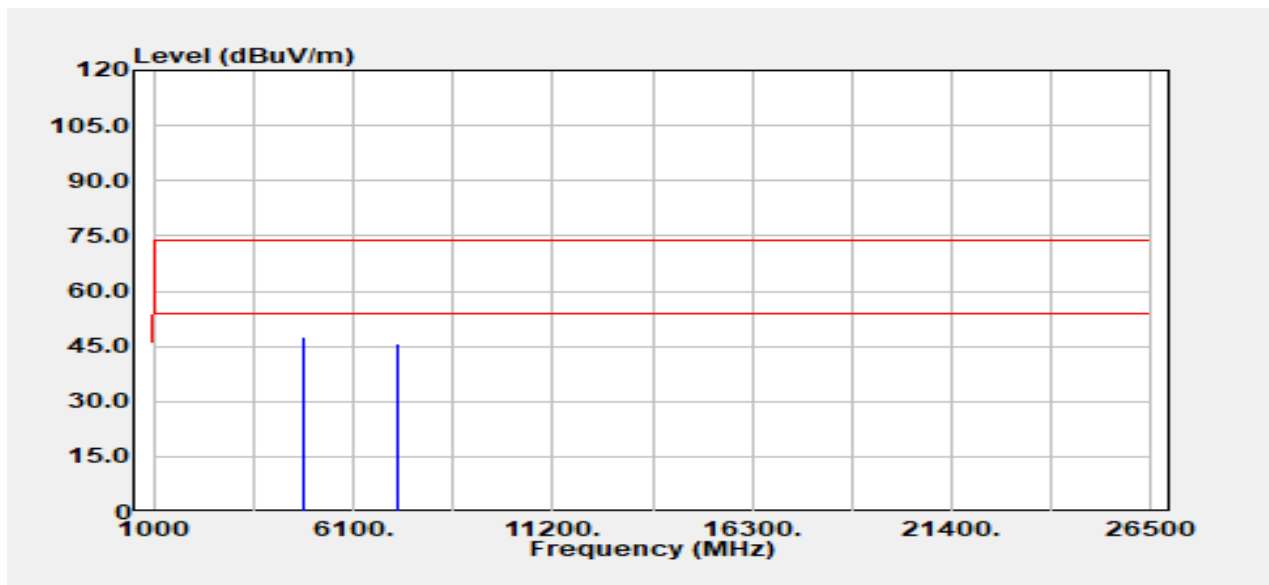
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit dB μ V/m	Margin dB
4960.00	Peak	44.32	3.21	47.53	74.00	-26.47
4960.00	Average	41.15	3.21	44.36	54.00	-9.64
7440.00	Peak	36.37	8.92	45.29	74.00	-28.71
7440.00	Average	31.44	8.92	40.36	54.00	-13.64

Report No.: TMWK2404001090KR

Page: 67 / 72
Rev.: 00

Project No :TM-2404000058P
Operation Band :BT EDR
Frequency :2402 MHz
Operation Mode :TX
EUT Pol :E2
Setting :

Test Date :2024-04-12
Temp./Humi. :24.5/57
Antenna Pol. :Vertical
Engineer :Ray Li
Test Chamber : 966A

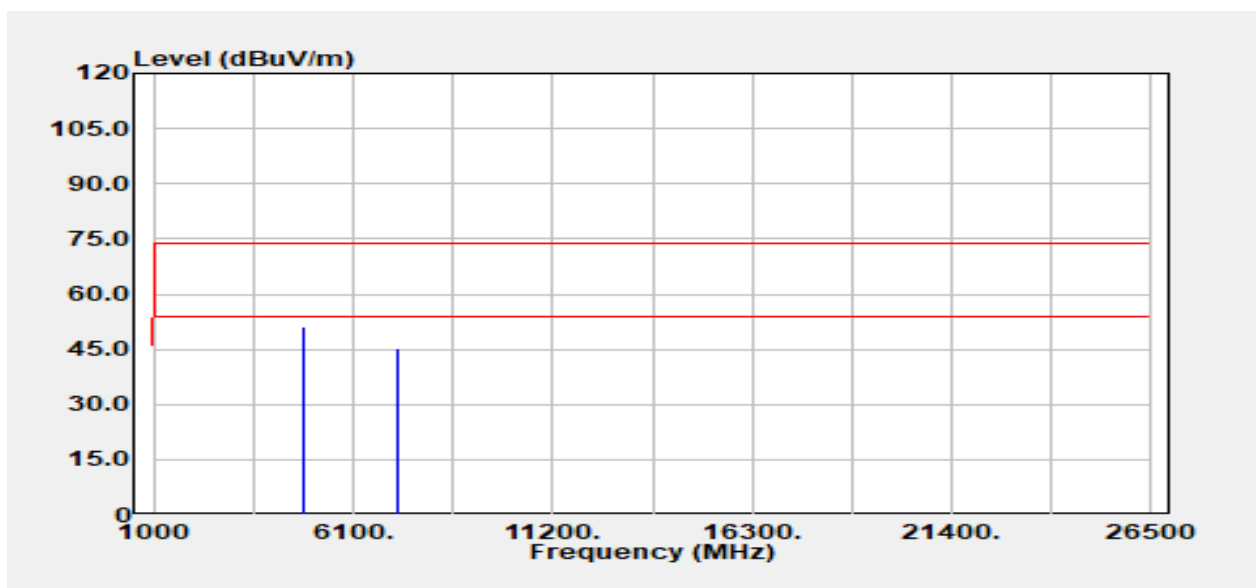


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4804.00	Peak	45.41	2.23	47.63	74.00	-26.37
4804.00	Average	40.94	2.23	43.16	54.00	-10.84
7206.00	Peak	36.79	9.01	45.80	74.00	-28.20
7206.00	Average	30.74	9.01	39.75	54.00	-14.25

Report No.: TMWK2404001090KR

Page: 68 / 72
Rev.: 00

Project No	:TM-2404000058P	Test Date	:2024-04-12
Operation Band	:BT EDR	Temp./Humi.	:24.5/57
Frequency	:2402 MHz	Antenna Pol.	:Horizontal
Operation Mode	:TX	Engineer	:Ray Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:		

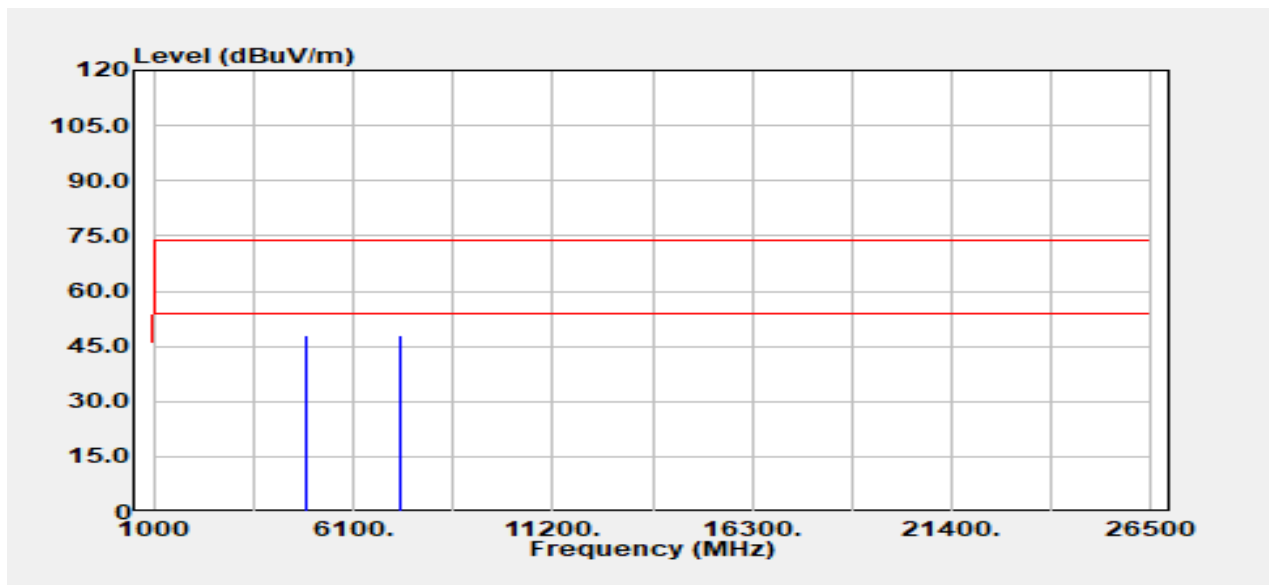


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4804.00	Peak	49.10	2.23	51.33	74.00	-22.67
4804.00	Average	44.45	2.23	46.68	54.00	-7.32
7206.00	Peak	36.38	9.01	45.40	74.00	-28.60
7206.00	Average	30.96	9.01	39.97	54.00	-14.03

Report No.: TMWK2404001090KR

Page: 69 / 72
Rev.: 00

Project No	:TM-2404000058P	Test Date	:2024-04-12
Operation Band	:BT EDR	Temp./Humi.	:24.5/57
Frequency	:2441 MHz	Antenna Pol.	:Vertical
Operation Mode	:TX	Engineer	:Ray Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:		



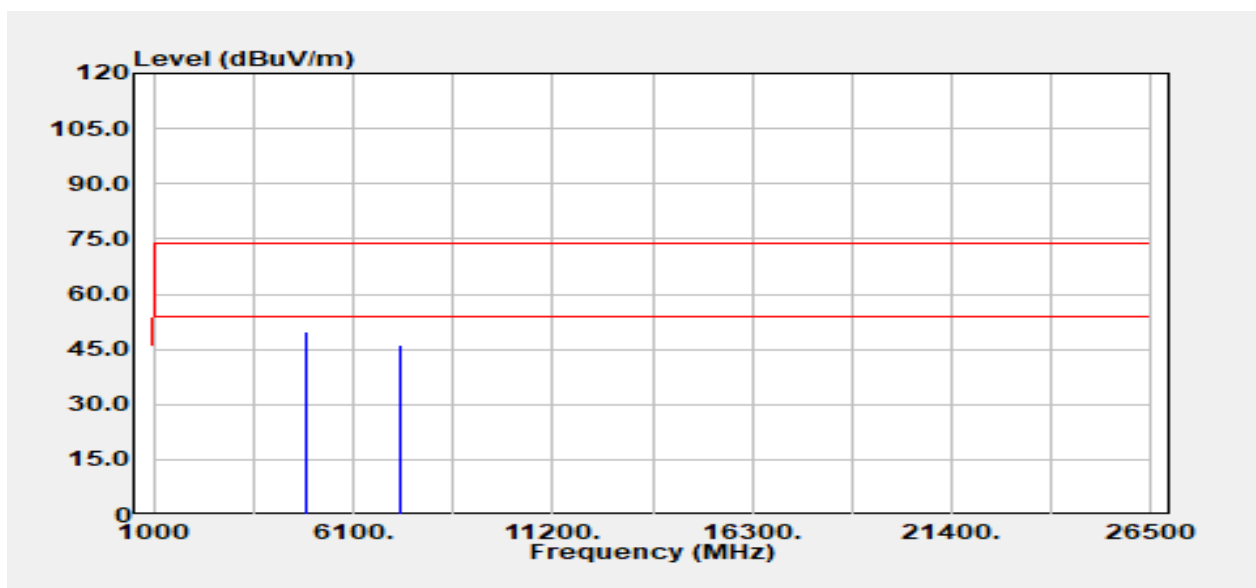
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4882.00	Peak	45.62	2.56	48.18	74.00	-25.82
4882.00	Average	41.76	2.56	44.32	54.00	-9.68
7323.00	Peak	39.06	8.96	48.02	74.00	-25.98
7323.00	Average	32.69	8.96	41.64	54.00	-12.36

Report No.: TMWK2404001090KR

Page: 70 / 72
Rev.: 00

Project No :TM-2404000058P
Operation Band :BT EDR
Frequency :2441 MHz
Operation Mode :TX
EUT Pol :E2
Setting :

Test Date :2024-04-12
Temp./Humi. :24.5/57
Antenna Pol. :Horizontal
Engineer :Ray Li
Test Chamber : 966A



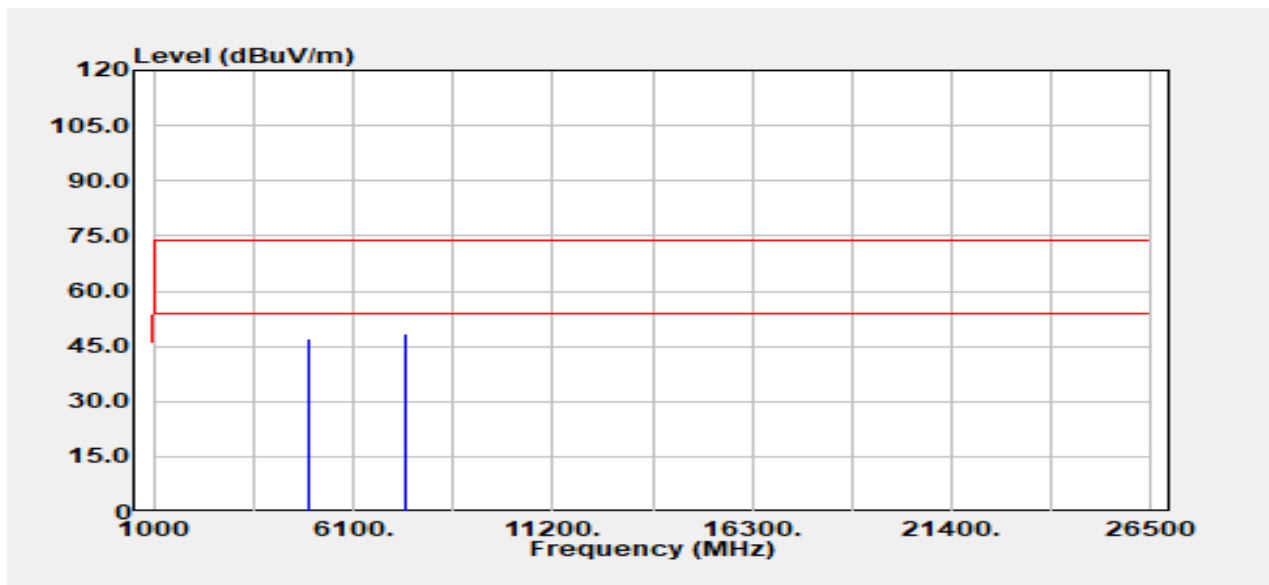
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4882.00	Peak	47.09	2.56	49.65	74.00	-24.35
4882.00	Average	44.10	2.56	46.66	54.00	-7.34
7323.00	Peak	37.20	8.96	46.16	74.00	-27.84
7323.00	Average	31.55	8.96	40.51	54.00	-13.49

Report No.: TMWK2404001090KR

Page: 71 / 72
Rev.: 00

Project No :TM-2404000058P
Operation Band :BT EDR
Frequency :2480 MHz
Operation Mode :TX
EUT Pol :E2
Setting :

Test Date :2024-04-12
Temp./Humi. :24.5/57
Antenna Pol. :Vertical
Engineer :Ray Li
Test Chamber : 966A

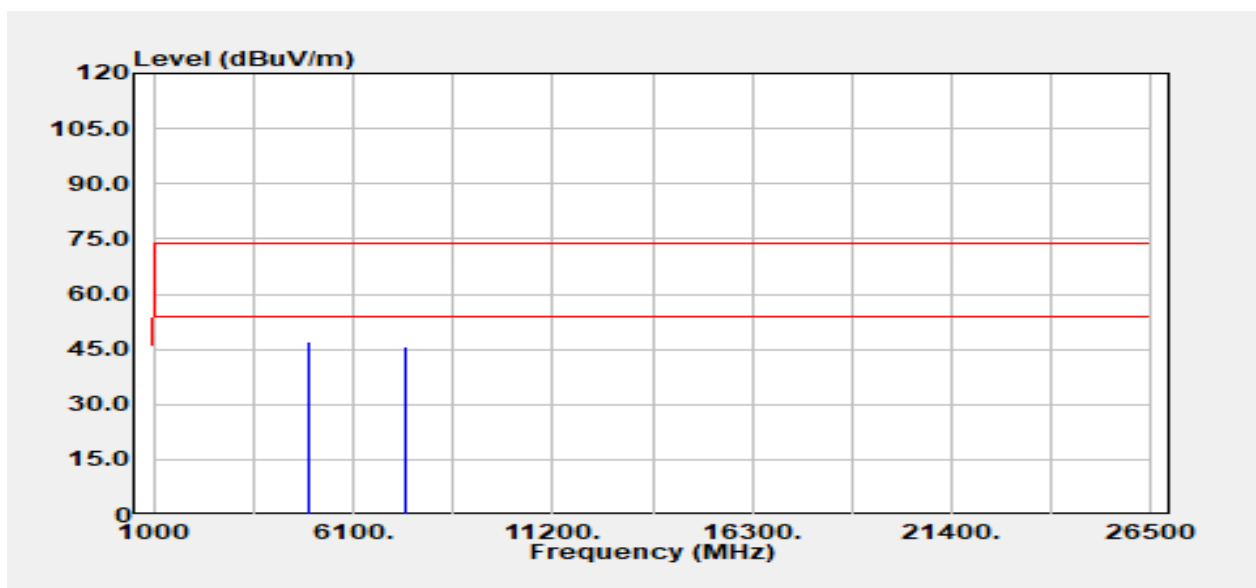


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4960.00	Peak	43.66	3.21	46.87	74.00	-27.13
4960.00	Average	39.62	3.21	42.84	54.00	-11.16
7440.00	Peak	39.54	8.92	48.46	74.00	-25.54
7440.00	Average	33.28	8.92	42.20	54.00	-11.80

Report No.: TMWK2404001090KR

Page: 72 / 72
Rev.: 00

Project No	:TM-2404000058P	Test Date	:2024-04-12
Operation Band	:BT EDR	Temp./Humi.	:24.5/57
Frequency	:2480 MHz	Antenna Pol.	:Horizontal
Operation Mode	:TX	Engineer	:Ray Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4960.00	Peak	43.84	3.21	47.05	74.00	-26.95
4960.00	Average	39.74	3.21	42.95	54.00	-11.05
7440.00	Peak	36.87	8.92	45.79	74.00	-28.21
7440.00	Average	30.79	8.92	39.71	54.00	-14.29

- End of Test Report -