4.7 TIME OF OCCUPANCY (DWELL TIME)

4.7.1 Test Limit

According to §15.247(a)(1)(iii)and RSS-247 section 5.1(d)

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.

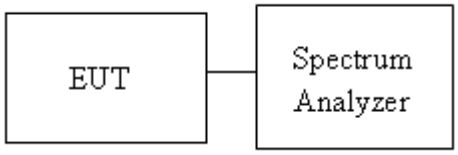
4.7.2 Test Procedure

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, VBW=1MHz, Sweep = 1 ms

4.7.3 Test Setup



4.7.4 Test Result

Temperature:	25.3℃	**Test date:**	October 12, 2023
Humidity:	59% RH	**Tested by:**	David Li

GFSK (1Mbps)

Channel	PACKET TYPE	Measurement Result (ms)	Limit (ms)
Mid	DH1	123.20	400
	DH3	262.40	400
	DH5	307.20	400

π/4 DQPSK (2Mbps)

Channel	PACKET TYPE	Measurement Result (ms)	Limit (ms)
Mid	2DH1	124.80	400
	2DH3	262.40	400
	2DH5	307.20	400

8-DPSK (3Mbps)

Channel	PACKET TYPE	Measurement Result (ms)	Limit (ms)
Mid	3DH1	124.80	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	=	2.880	*	(1600/6/79)	*	31.6	=	307.20	(ms)

π/4 -DQPSK (2Mbps):

CH Mid	2DH1 time slot	=	0.390	*	(1600/2/79)	*	31.6	=	124.80	(ms)
	2DH3 time slot	=	1.640	*	(1600/4/79)	*	31.6	=	262.40	(ms)
	2DH5 time slot	=	2.880	*	(1600/6/79)	*	31.6	=	307.20	(ms)

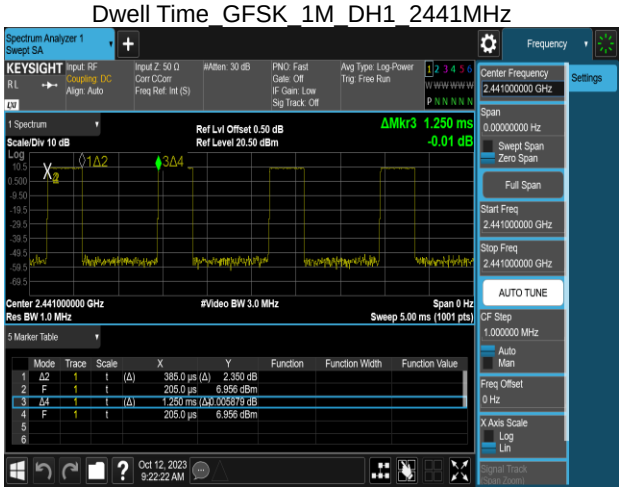
8-DPSK (3Mbps):

CH Mid	3DH1 time slot	=	0.390	*	(1600/2/79)	*	31.6	=	124.80	(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)

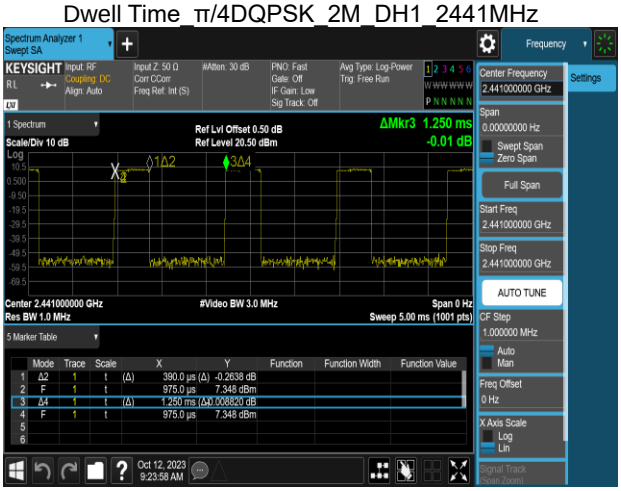
A period time = 0.4 (s) * 79 = 31.6 (s)

Test Data

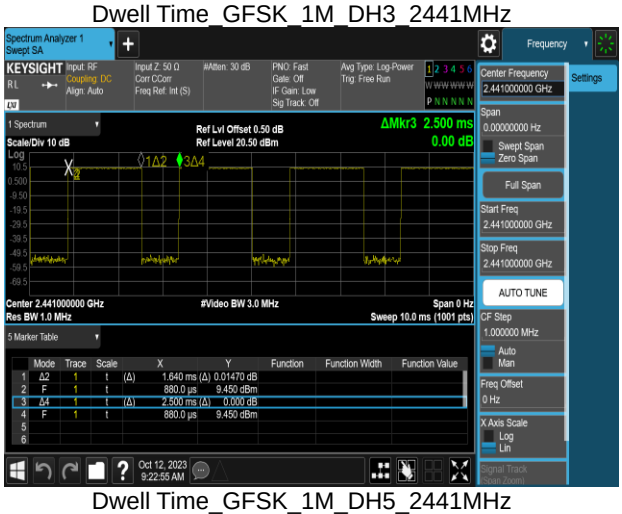
Dwell Time_GFSK_1M_DH1_2441MHz



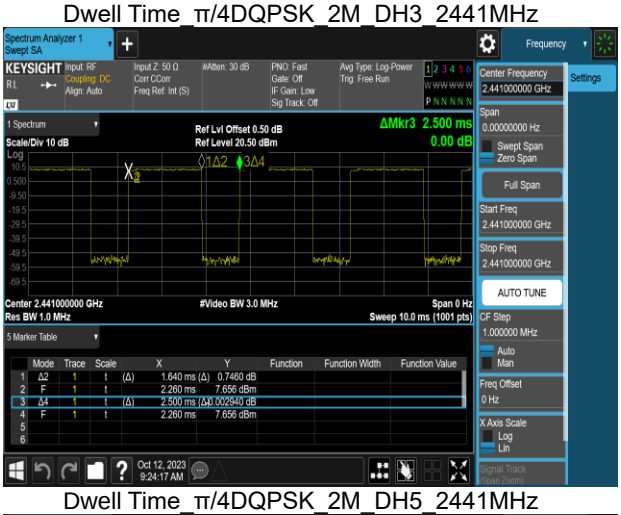
Dwell Time_π/4DQPSK_2M_DH1_2441MHz



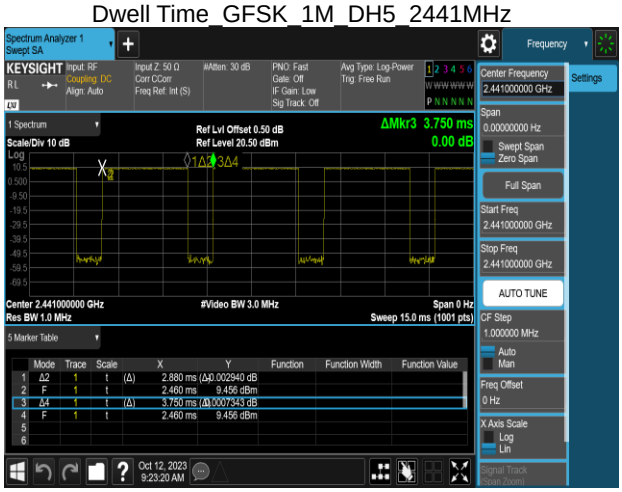
Dwell Time_GFSK_1M_DH3_2441MHz



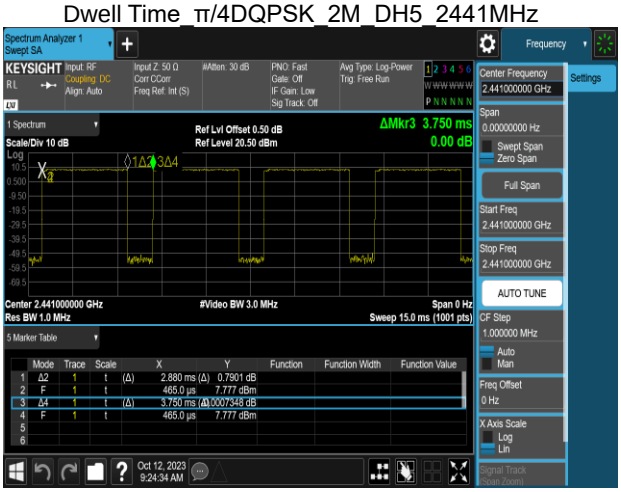
Dwell Time_π/4DQPSK_2M_DH3_2441MHz



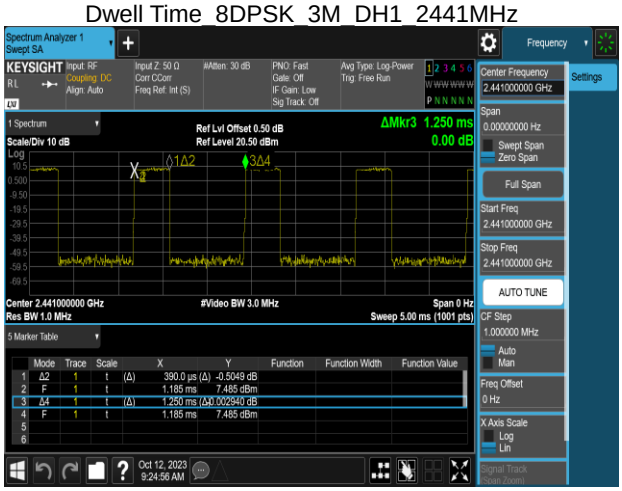
Dwell Time_GFSK_1M_DH5_2441MHz



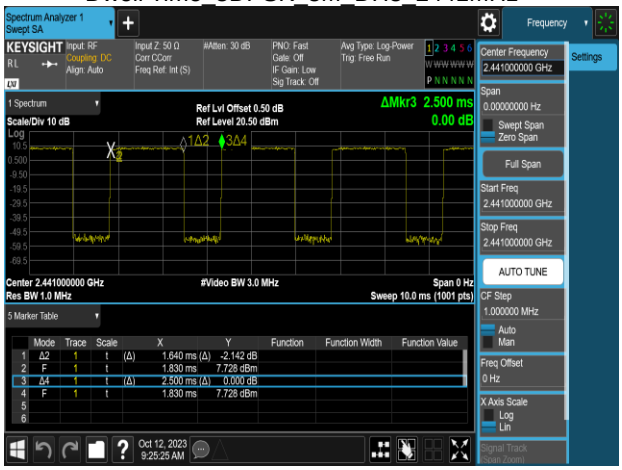
Dwell Time_π/4DQPSK_2M_DH5_2441MHz



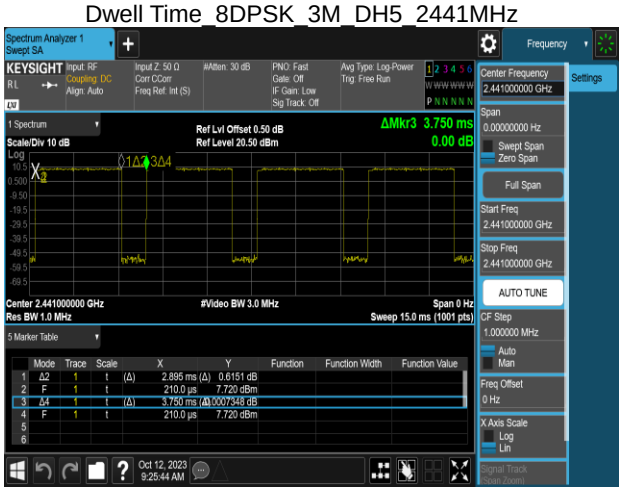
Dwell Time_8DPSK_3M_DH1_2441MHz



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,

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

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 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.

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

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

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

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

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

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

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

4.8.2 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 ≥ 3 RBW, Sweep = Auto, Detector = Peak, Trace = Max hold.

(2) Above 1G：

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

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

- If Duty Cycle ≥ 98%, VBW=10Hz.
- If Duty Cycle < 98%, VBW≥1/T.

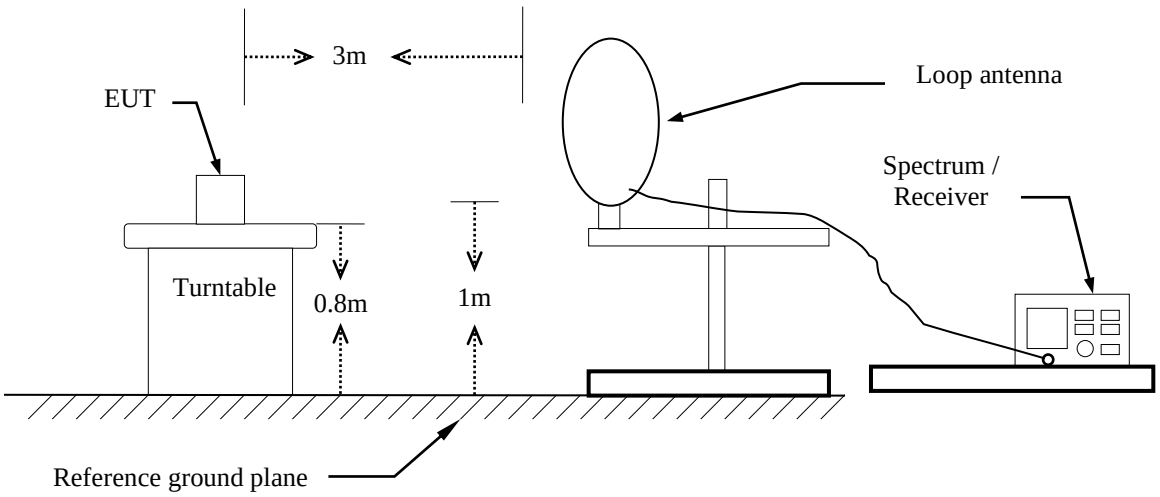
5. Data result

Actual FS=Spectrum Reading Level + Factor

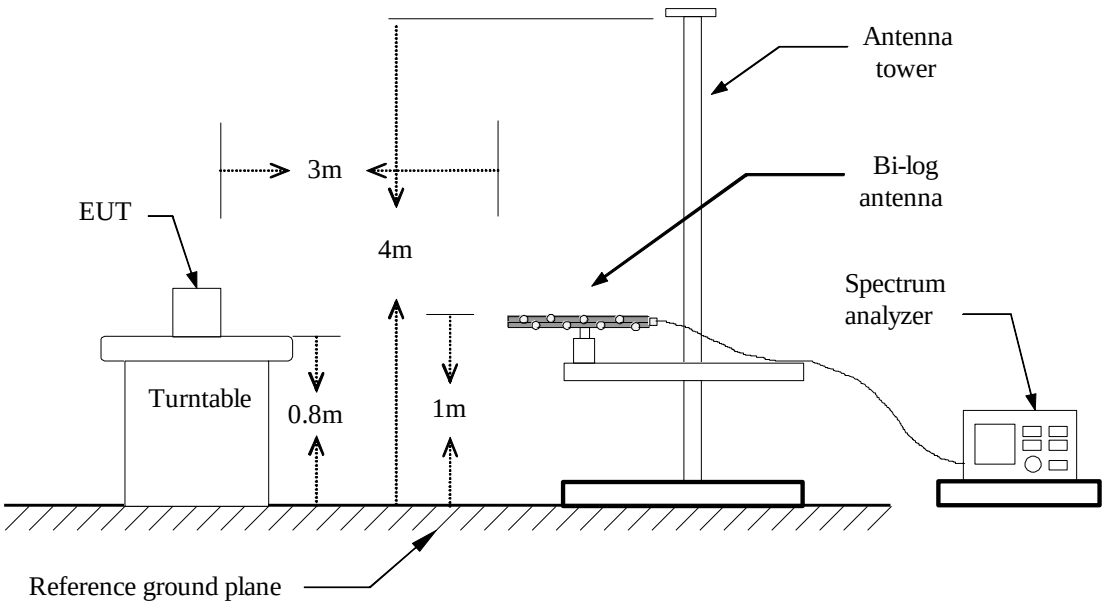
Margin=Actual FS- Limit

4.8.3 Test Setup

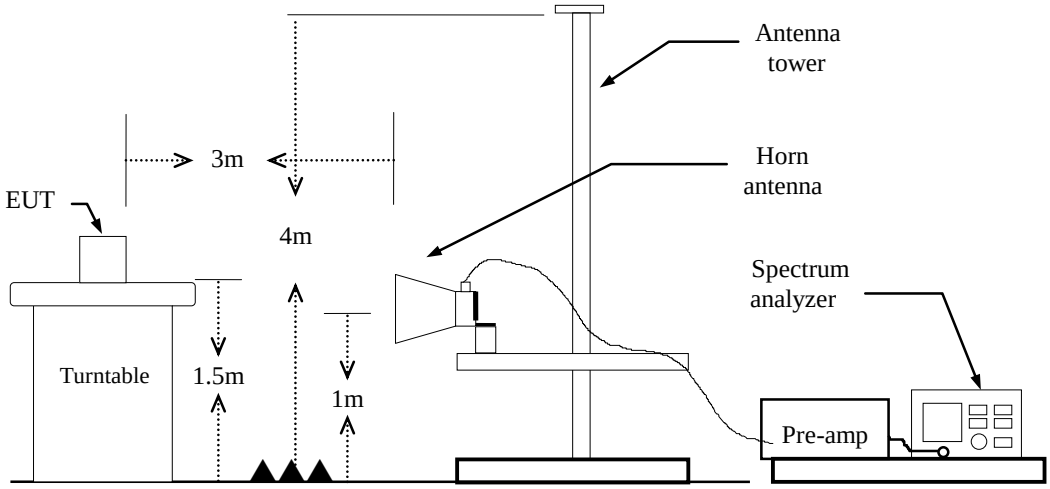
9kHz ~ 30MHz



30MHz ~ 1GHz



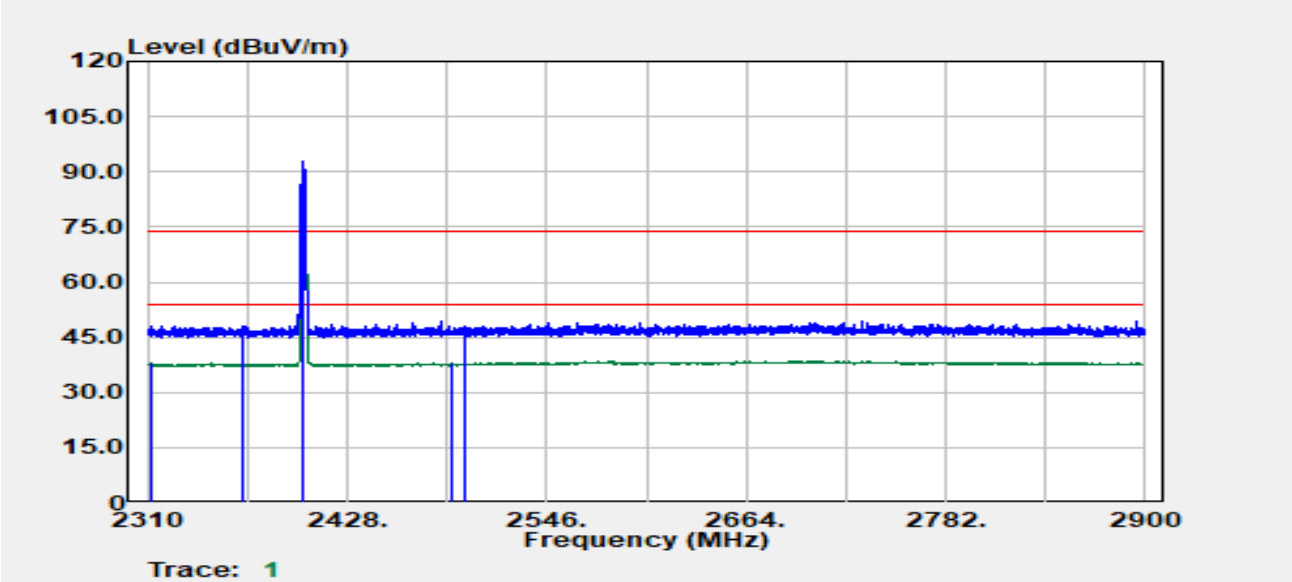
Above 1 GHz



4.8.4 Test Result

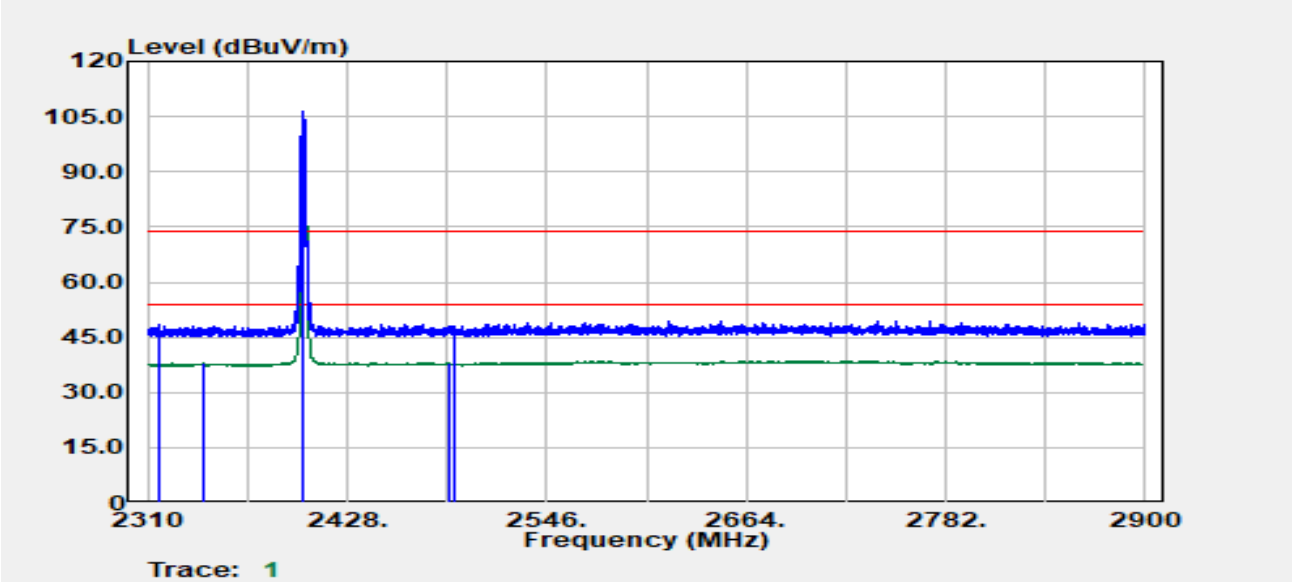
Band Edge Test Data

Project No	:TM-2305000074P	Test Date	:2023-10-20
Operation Band	:BT BR	Temp./Humi.	:24.6/58
Frequency	:2402 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Ray.Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:9		



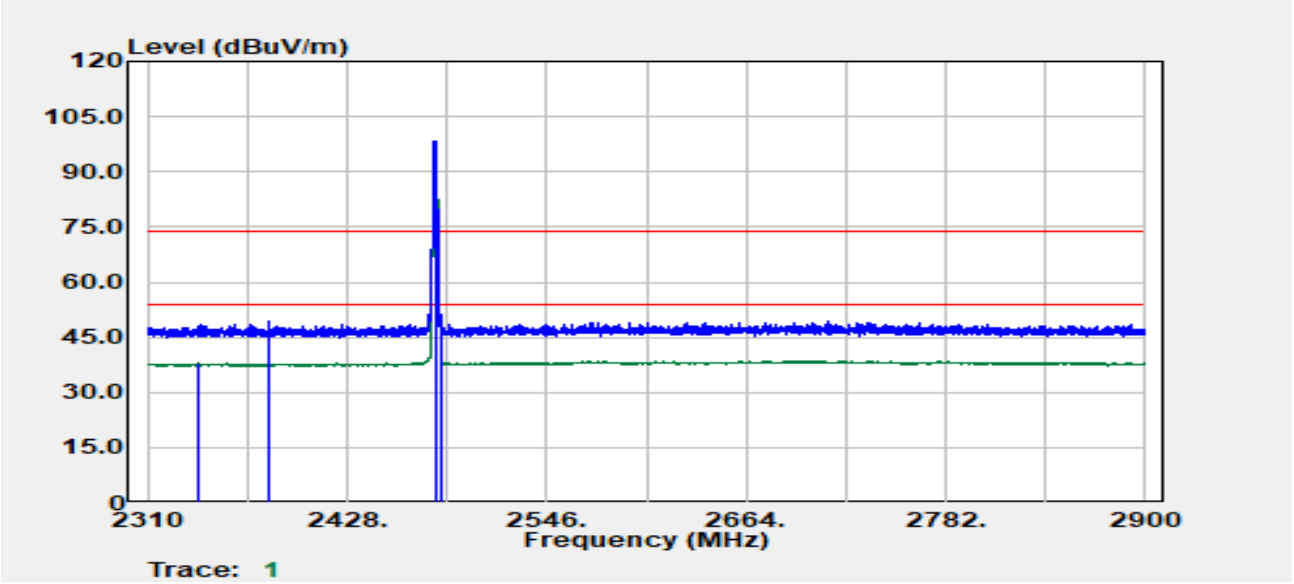
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2311.65	Average	32.95	4.87	37.82	54.00	-16.18
2366.88	Peak	43.29	4.80	48.09	74.00	-25.91
2402.00	Peak	88.10	4.79	92.89	- -	- -
2402.00	Average	87.96	4.79	92.75	- -	- -
2490.19	Average	32.66	5.27	37.93	54.00	-16.07
2496.91	Peak	42.92	5.28	48.20	74.00	-25.80

Project No	:TM-2305000074P	Test Date	:2023-10-20
Operation Band	:BT BR	Temp./Humi.	:24.6/58
Frequency	:2402 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Ray.Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:9		



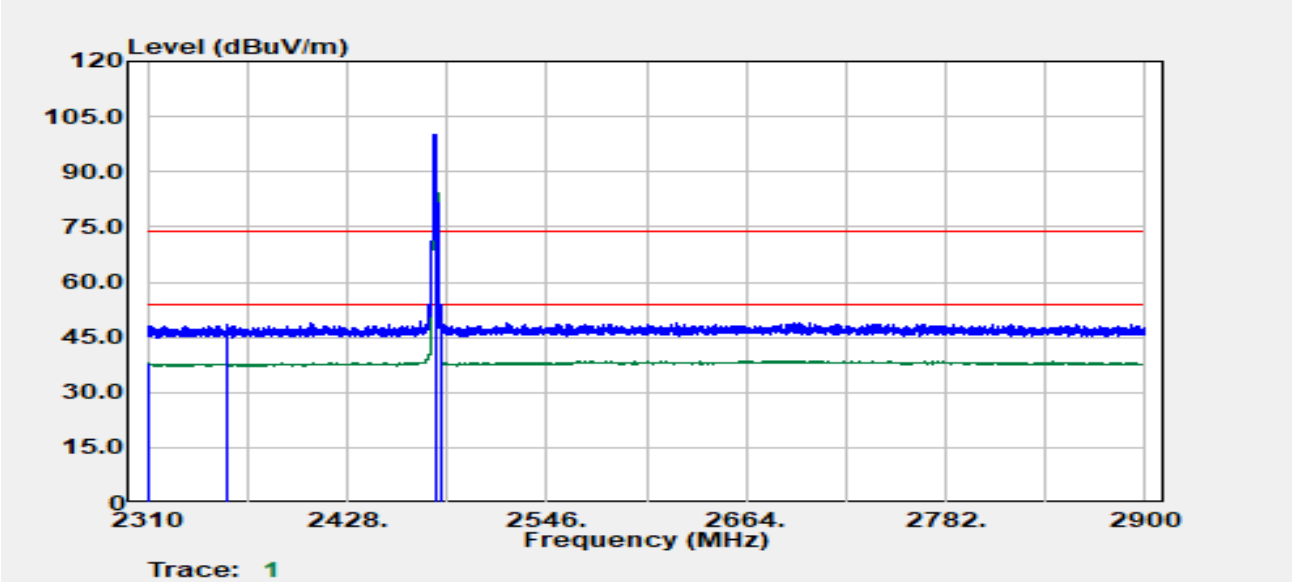
Freq.	Detector Mode	Spectrum Read Level	Factor	Actual FS	Limit	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2316.14	Peak	43.48	4.79	48.27	74.00	-25.73
2342.33	Average	33.01	4.88	37.89	54.00	-16.11
2402.00	Peak	101.51	4.79	106.29	- -	- -
2402.00	Average	101.40	4.79	106.19	- -	- -
2488.30	Average	32.62	5.27	37.89	54.00	-16.11
2491.72	Peak	42.82	5.27	48.10	74.00	-25.90

Project No	:TM-2305000074P	Test Date	:2023-10-20
Operation Band	:BT BR	Temp./Humi.	:24.6/58
Frequency	:2480 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Ray.Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:9		



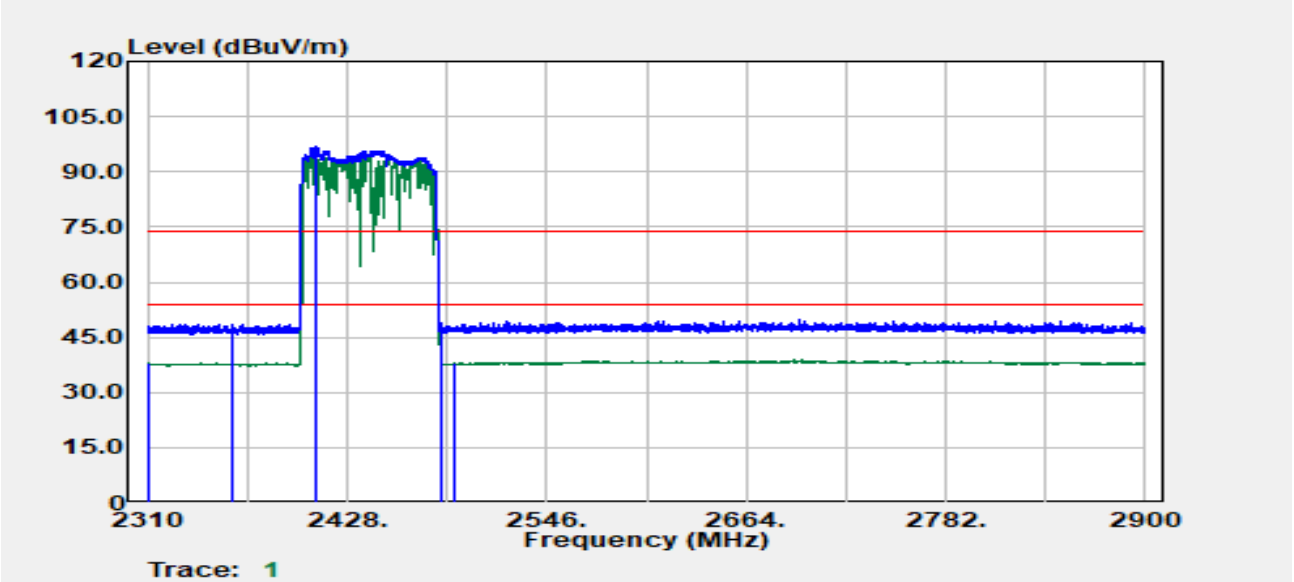
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2339.38	Average	33.16	4.84	38.00	54.00	-16.00
2381.98	Peak	44.43	4.89	49.33	74.00	-24.67
2480.00	Peak	92.90	5.26	98.16	- -	- -
2480.00	Average	92.77	5.26	98.03	- -	- -
2483.50	Average	35.91	5.26	41.17	54.00	-12.83
2483.58	Peak	43.73	5.26	48.99	74.00	-25.01

Project No	:TM-2305000074P	Test Date	:2023-10-20
Operation Band	:BT BR	Temp./Humi.	:24.6/58
Frequency	:2480 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Ray.Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:9		



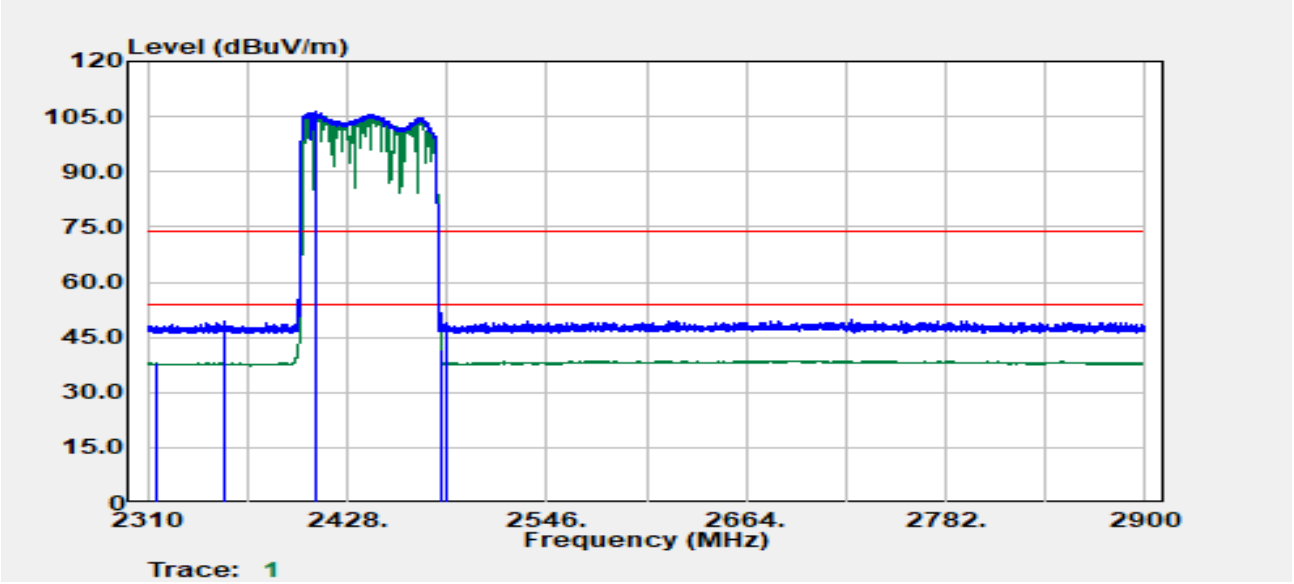
Freq.	Detector Mode	Spectrum Read Level	Factor	Actual FS	Limit	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2310.24	Average	32.99	4.90	37.89	54.00	-16.11
2356.49	Peak	43.51	4.90	48.41	74.00	-25.59
2480.00	Peak	94.79	5.26	100.05	- -	- -
2480.00	Average	94.66	5.26	99.92	- -	- -
2483.50	Average	37.14	5.26	42.40	54.00	-11.60
2483.93	Peak	44.33	5.26	49.60	74.00	-24.40

Project No	:TM-2305000074P	Test Date	:2023-10-20
Operation Band	:BT BR	Temp./Humi.	:24.6/58
Frequency	:2402~2480 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Hopping	Engineer	:Ray.Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:9		



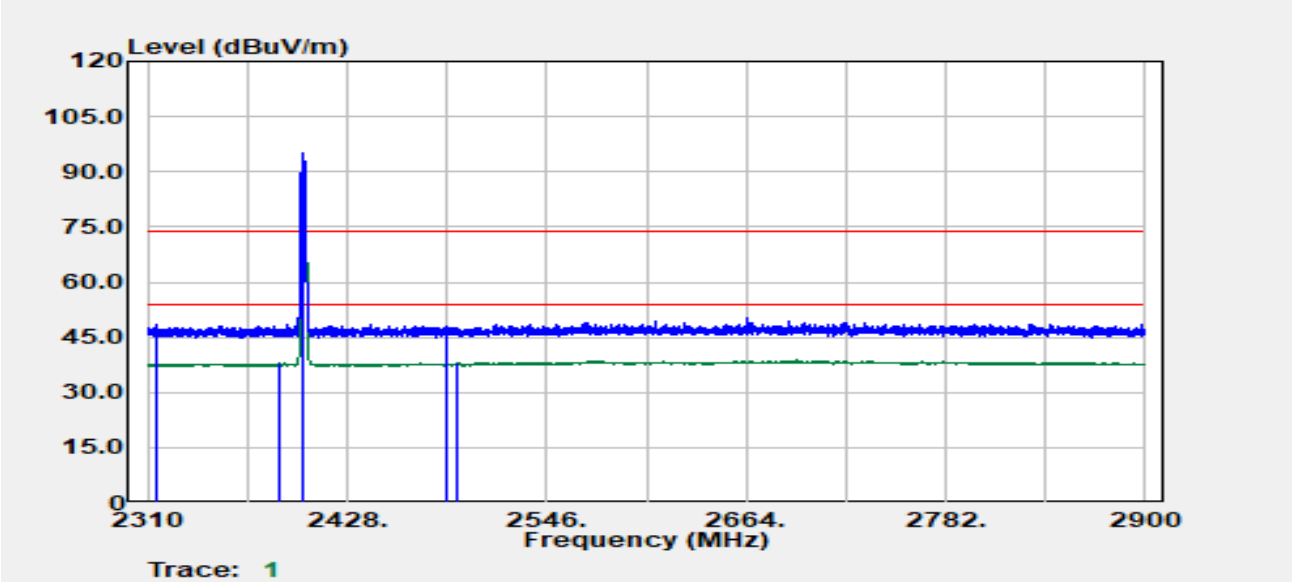
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2310.83	Average	33.02	4.89	37.91	54.00	-16.09
2360.27	Peak	43.77	4.87	48.63	74.00	-25.37
2409.83	Peak	92.02	4.81	96.82	- -	- -
2409.83	Average	89.95	4.81	94.76	- -	- -
2484.40	Peak	43.77	5.26	49.04	74.00	-24.96
2490.78	Average	32.61	5.27	37.88	54.00	-16.12

Project No	:TM-2305000074P	Test Date	:2023-10-21
Operation Band	:BT BR	Temp./Humi.	:24.6/58
Frequency	:2402~2480 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Hopping	Engineer	:Ray.Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:9		



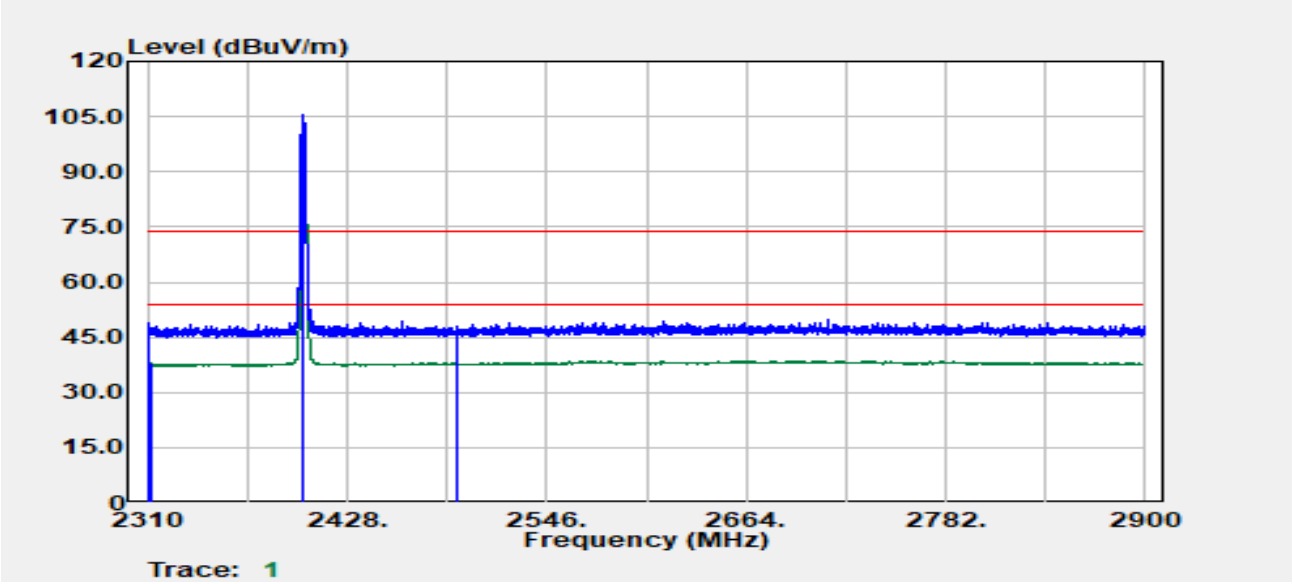
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2314.60	Average	33.09	4.82	37.91	54.00	-16.09
2355.43	Peak	44.38	4.91	49.30	74.00	-24.70
2408.77	Peak	101.53	4.81	106.33	- -	- -
2408.77	Average	101.24	4.81	106.05	- -	- -
2483.50	Average	36.21	5.26	41.48	54.00	-12.52
2487.24	Peak	43.53	5.27	48.80	74.00	-25.20

Project No	:TM-2305000074P	Test Date	:2023-10-20
Operation Band	:BT EDR	Temp./Humi.	:24.6/58
Frequency	:2402 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Ray.Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:9		



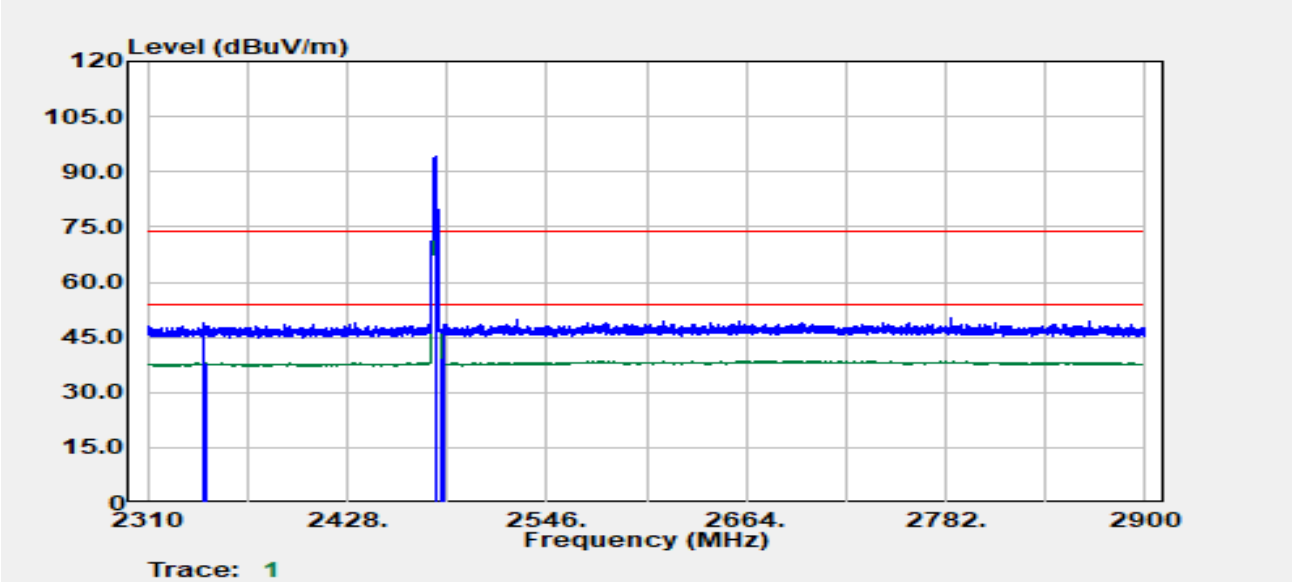
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2314.84	Peak	43.41	4.82	48.23	74.00	-25.77
2388.00	Average	33.00	4.96	37.95	54.00	-16.05
2402.00	Peak	90.45	4.79	95.23	- -	- -
2402.00	Average	87.59	4.79	92.38	- -	- -
2486.17	Peak	42.90	5.27	48.16	74.00	-25.84
2493.02	Average	32.72	5.27	37.99	54.00	-16.01

Project No	:TM-2305000074P	Test Date	:2023-10-20
Operation Band	:BT EDR	Temp./Humi.	:24.6/58
Frequency	:2402 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Ray.Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:9		



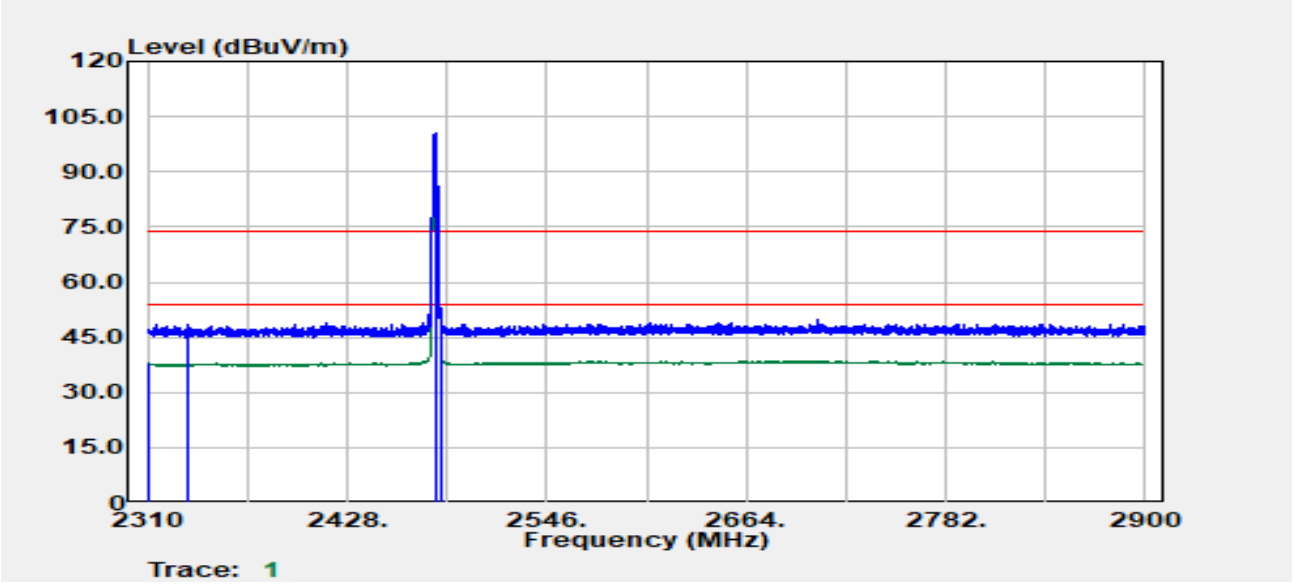
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2311.06	Peak	43.81	4.89	48.69	74.00	-25.31
2312.48	Average	32.96	4.86	37.82	54.00	-16.18
2402.00	Peak	100.57	4.79	105.36	- -	- -
2402.00	Average	97.97	4.79	102.75	- -	- -
2492.19	Average	32.69	5.27	37.97	54.00	-16.03
2493.02	Peak	42.59	5.27	47.87	74.00	-26.13

Project No	:TM-2305000074P	Test Date	:2023-10-20
Operation Band	:BT EDR	Temp./Humi.	:24.6/58
Frequency	:2480 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Ray.Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:9		



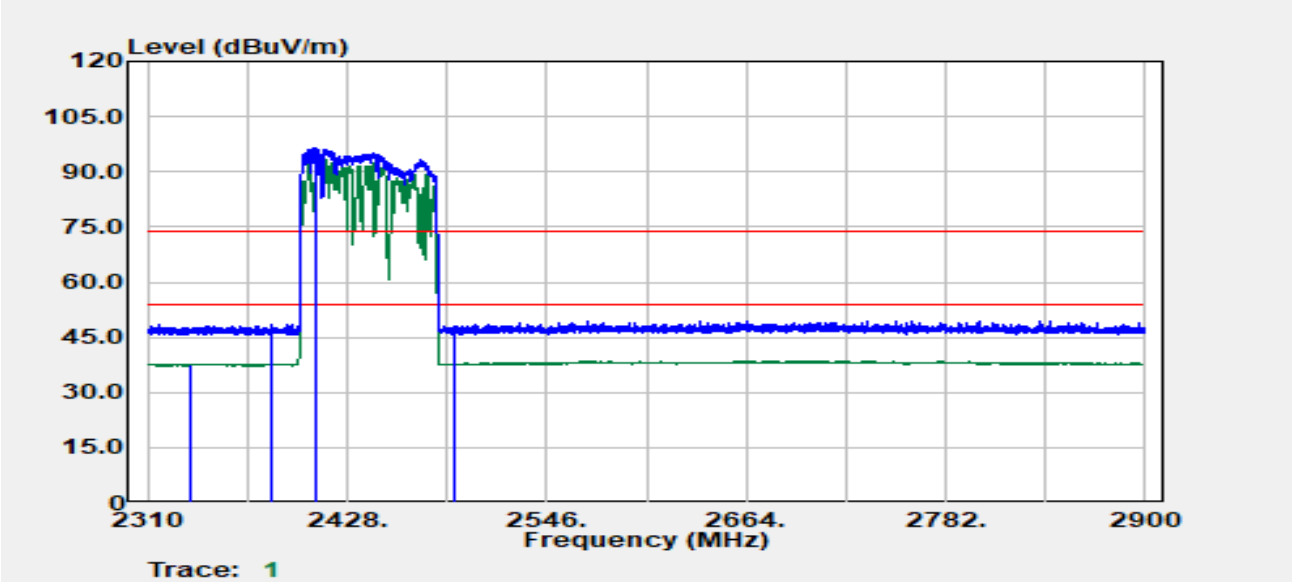
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2343.75	Peak	43.91	4.89	48.80	74.00	-25.20
2344.10	Average	33.04	4.90	37.94	54.00	-16.06
2480.00	Peak	88.72	5.26	93.98	- -	- -
2480.00	Average	85.83	5.26	91.09	- -	- -
2483.50	Average	34.10	5.26	39.36	54.00	-14.64
2485.11	Peak	43.38	5.27	48.65	74.00	-25.35

Project No	:TM-2305000074P	Test Date	:2023-10-20
Operation Band	:BT EDR	Temp./Humi.	:24.6/58
Frequency	:2480 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Bandedge	Engineer	:Ray.Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:9		



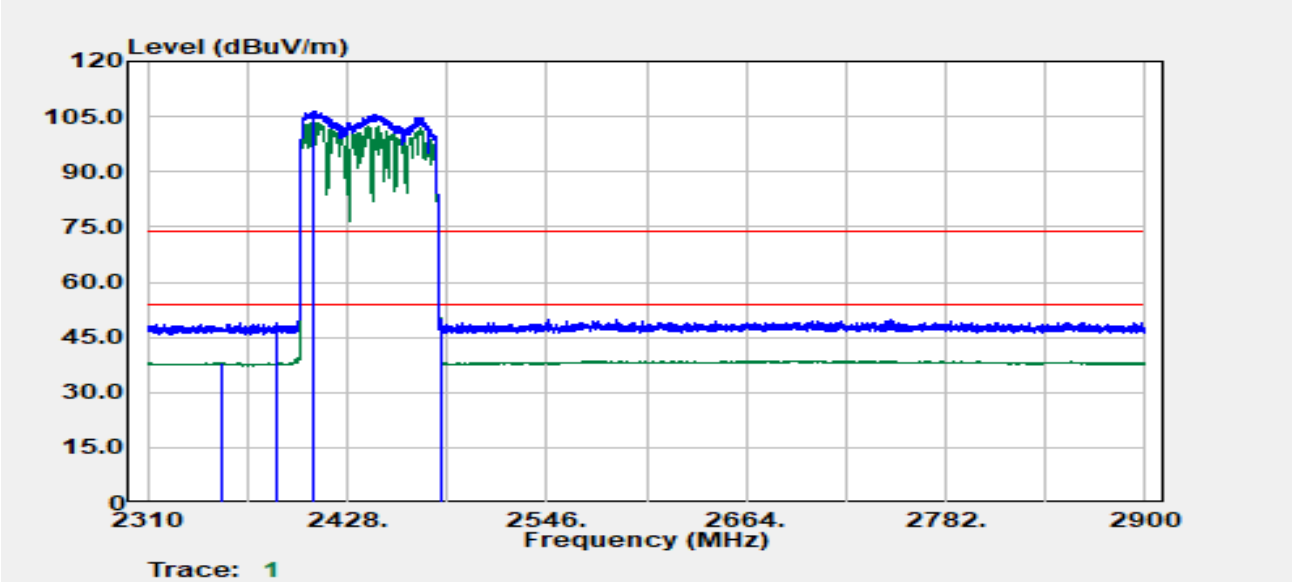
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2310.35	Average	32.99	4.90	37.89	54.00	-16.11
2333.72	Peak	43.74	4.78	48.52	74.00	-25.48
2480.00	Peak	95.13	5.26	100.39	- -	- -
2480.00	Average	92.23	5.26	97.49	- -	- -
2483.50	Average	37.92	5.26	43.18	54.00	-10.82
2483.58	Peak	44.81	5.26	50.07	74.00	-23.93

Project No	:TM-2305000074P	Test Date	:2023-10-20
Operation Band	:BT EDR	Temp./Humi.	:24.6/58
Frequency	:2402~2480 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Hopping	Engineer	:Ray.Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:9		



Freq.	Detector Mode	Spectrum Read Level	Factor	Actual FS	Limit	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
2335.37	Average	33.01	4.80	37.81	54.00	-16.19
2383.87	Peak	43.59	4.91	48.50	74.00	-25.50
2410.18	Peak	91.63	4.81	96.45	- -	- -
2410.18	Average	89.03	4.81	93.84	- -	- -
2491.13	Peak	42.92	5.27	48.19	74.00	-25.81
2491.13	Average	32.60	5.27	37.87	54.00	-16.13

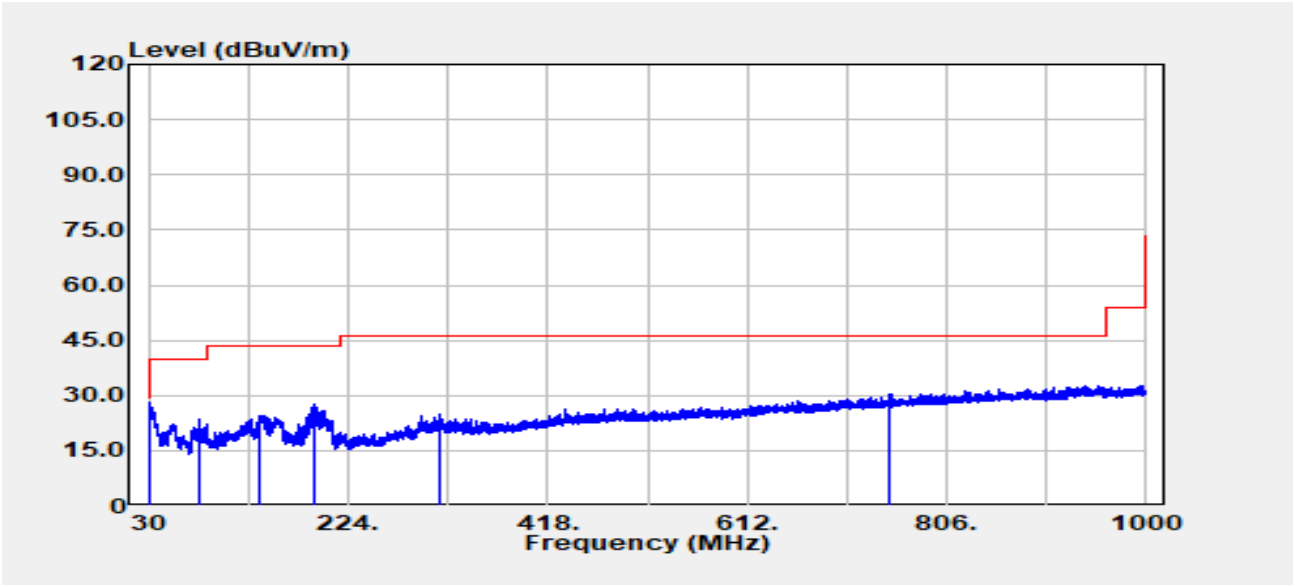
Project No	:TM-2305000074P	Test Date	:2023-10-20
Operation Band	:BT EDR	Temp./Humi.	:24.6/58
Frequency	:2402~2480 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:Hopping	Engineer	:Ray.Li
EUT Pol	:E2	Test Chamber	: 966A
Setting	:9		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
2353.42	Average	33.17	4.93	38.10	54.00	-15.90
2386.23	Peak	44.11	4.94	49.05	74.00	-24.95
2407.94	Peak	101.58	4.80	106.38	- -	- -
2407.94	Average	98.65	4.80	103.45	- -	- -
2483.50	Average	36.18	5.26	41.44	54.00	-12.56
2483.70	Peak	44.54	5.26	49.80	74.00	-24.20

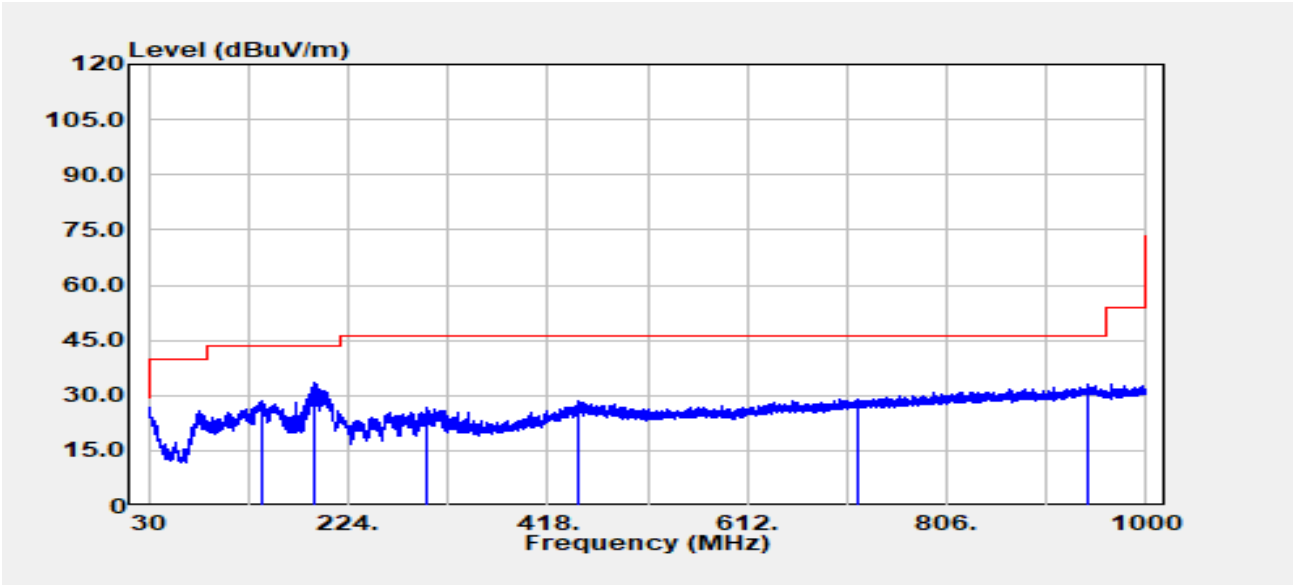
TX Test Data

Project No	:TM-2305000074P	Test Date	:2023-10-24
Operation Band	:BT EDR	Temp./Humi.	:24.6/57
Frequency	:2480 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:TX	Engineer	:Tony.Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:9		



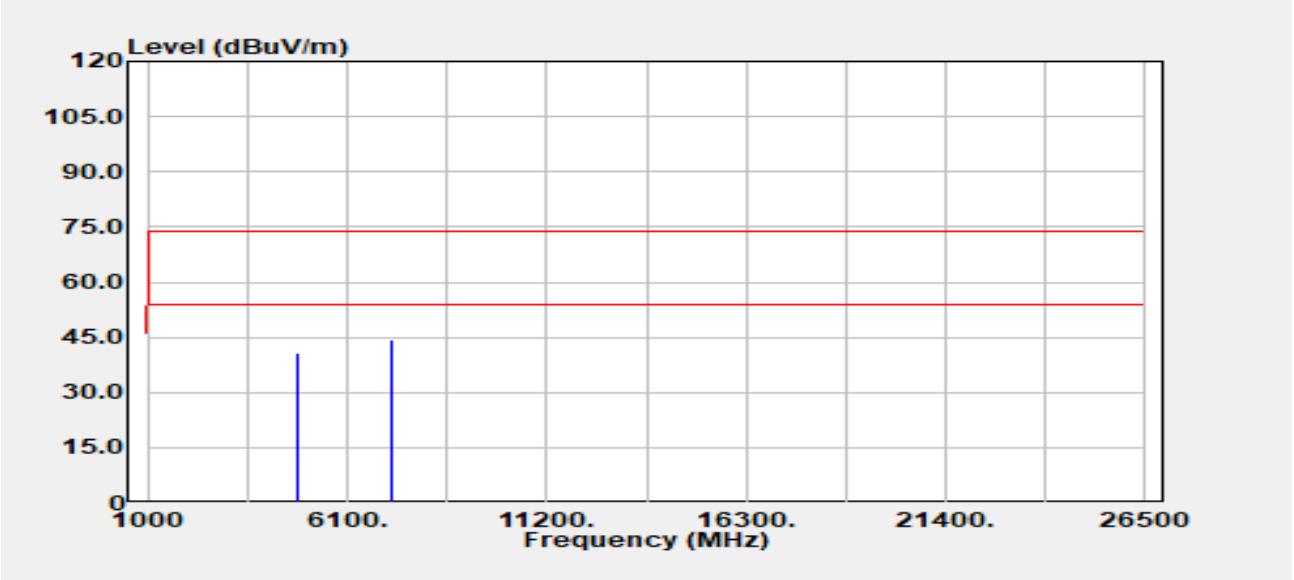
Freq.	Detector Mode	Spectrum Read Level	Factor	Actual FS	Limit	Margin
MHz	PK/QP/AV	dBµV	dB	dBµV/m	dBµV/m	dB
30.85	Peak	31.39	-3.18	28.21	40.00	-11.79
78.86	Peak	38.83	-15.40	23.43	40.00	-16.57
138.52	Peak	34.45	-9.80	24.66	43.50	-18.84
191.02	Peak	39.10	-11.38	27.72	43.50	-15.78
313.12	Peak	33.25	-8.26	24.99	46.00	-21.01
749.50	Peak	30.09	0.41	30.50	46.00	-15.50

Project No	:TM-2305000074P	Test Date	:2023-10-24
Operation Band	:BT EDR	Temp./Humi.	:24.6/57
Frequency	:2480 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:TX	Engineer	:Tony.Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:9		



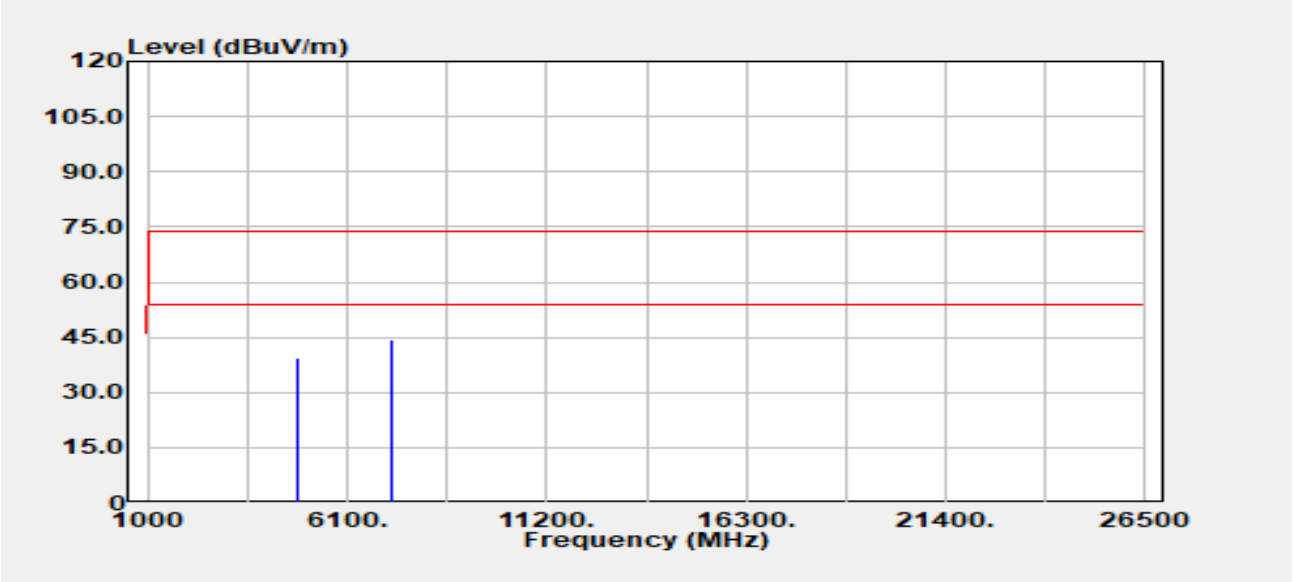
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
139.49	Peak	38.41	-9.88	28.53	43.50	-14.97
191.02	Peak	44.70	-11.38	33.32	43.50	-10.18
300.87	Peak	35.57	-8.65	26.92	46.00	-19.08
448.56	Peak	33.06	-4.65	28.42	46.00	-17.58
718.70	Peak	29.02	0.13	29.15	46.00	-16.85
942.16	Peak	29.57	3.69	33.26	46.00	-12.74

Project No	:TM-2305000074P	Test Date	:2023-10-23
Operation Band	:BT BR	Temp./Humi.	:24.7/58
Frequency	:2402 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:TX	Engineer	:Tony.Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:9		



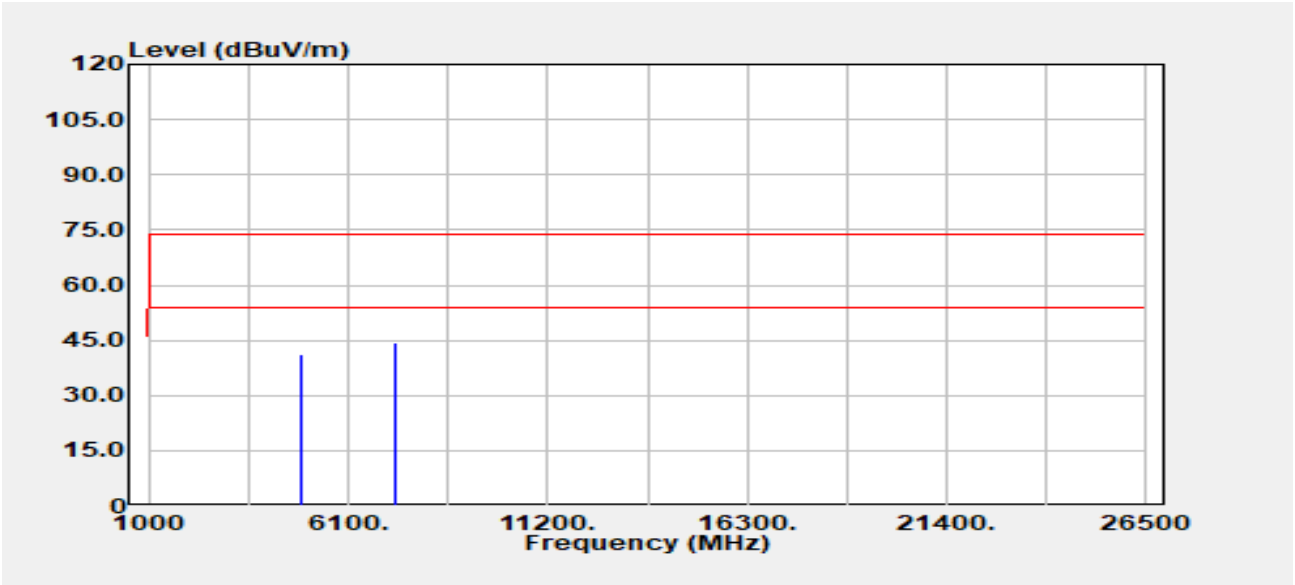
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
4804.00	Peak	38.86	1.95	40.81	74.00	-33.19
4804.00	Average	35.23	1.95	37.18	54.00	-16.82
7206.00	Peak	35.78	8.72	44.49	74.00	-29.51
7206.00	Average	28.91	8.72	37.63	54.00	-16.37

Project No	:TM-2305000074P	Test Date	:2023-10-23
Operation Band	:BT BR	Temp./Humi.	:24.7/58
Frequency	:2402 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:TX	Engineer	:Tony.Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:9		



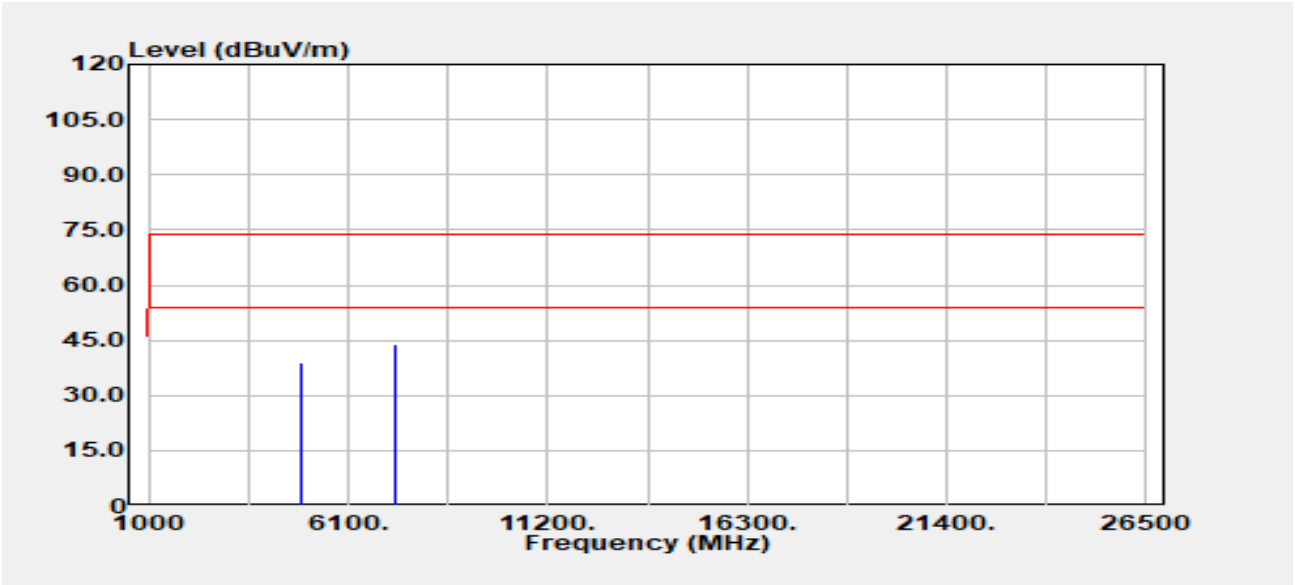
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
4804.00	Peak	37.47	1.95	39.42	74.00	-34.58
4804.00	Average	31.19	1.95	33.14	54.00	-20.86
7206.00	Peak	35.49	8.72	44.20	74.00	-29.80
7206.00	Average	28.05	8.72	36.77	54.00	-17.23

Project No	:TM-2305000074P	Test Date	:2023-10-23
Operation Band	:BT BR	Temp./Humi.	:24.7/58
Frequency	:2441 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:TX	Engineer	:Tony.Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:9		



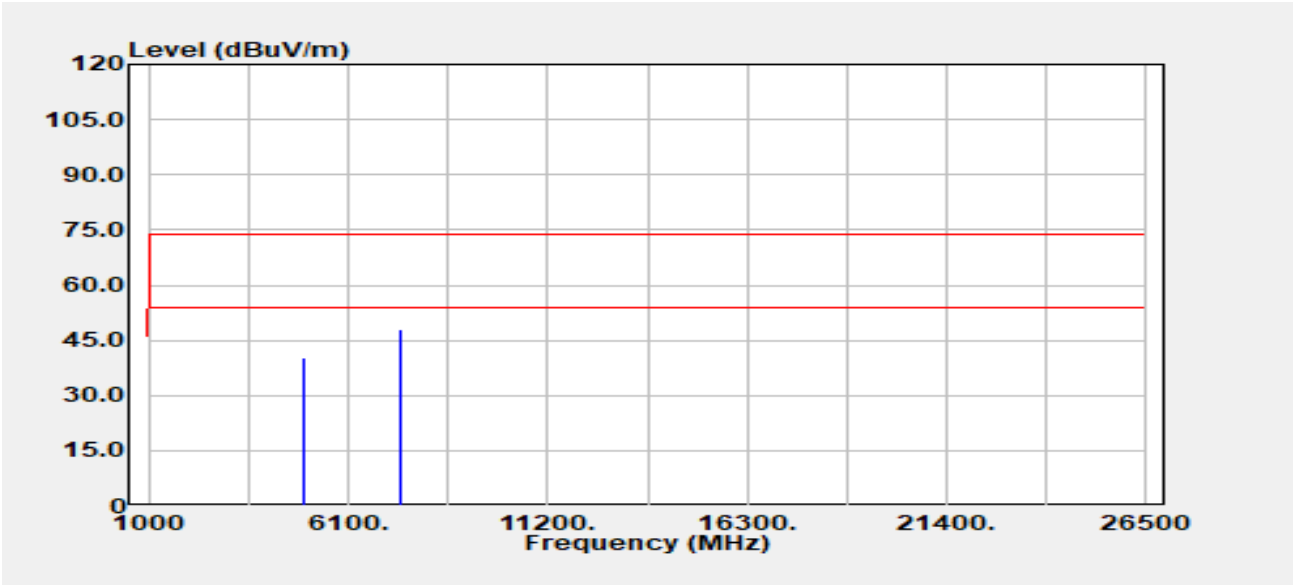
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
4882.00	Peak	38.91	2.24	41.15	74.00	-32.85
4882.00	Average	32.86	2.24	35.10	54.00	-18.90
7323.00	Peak	35.92	8.60	44.52	74.00	-29.48
7323.00	Average	31.33	8.60	39.93	54.00	-14.07

Project No	:TM-2305000074P	Test Date	:2023-10-23
Operation Band	:BT BR	Temp./Humi.	:24.7/58
Frequency	:2441 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:TX	Engineer	:Tony.Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:9		



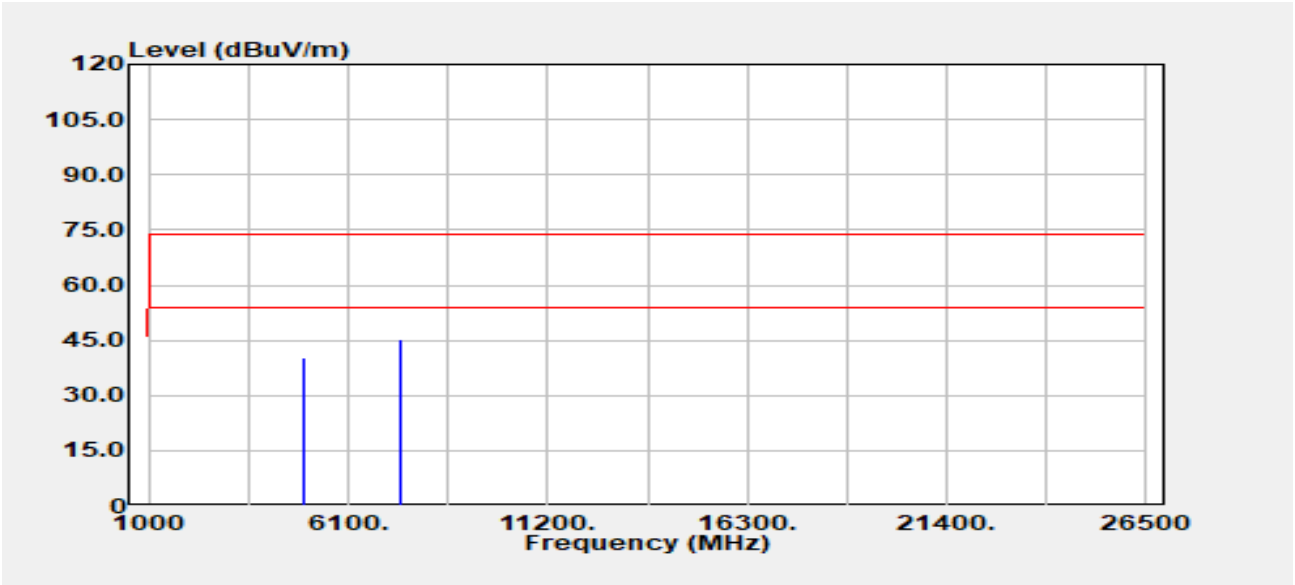
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
4882.00	Peak	36.77	2.24	39.01	74.00	-34.99
4882.00	Average	29.24	2.24	31.48	54.00	-22.52
7323.00	Peak	35.29	8.60	43.89	74.00	-30.11
7323.00	Average	28.56	8.60	37.16	54.00	-16.84

Project No	:TM-2305000074P	Test Date	:2023-10-23
Operation Band	:BT BR	Temp./Humi.	:24.7/58
Frequency	:2480 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:TX	Engineer	:Tony.Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:9		



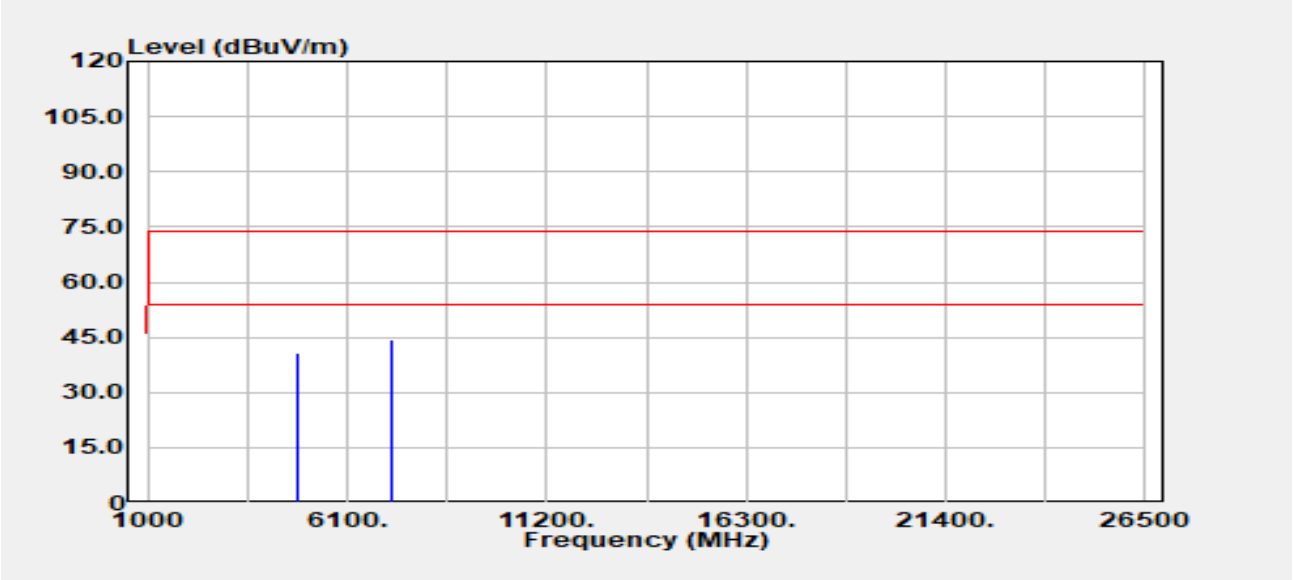
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
4960.00	Peak	37.40	2.83	40.23	74.00	-33.77
4960.00	Average	31.90	2.83	34.73	54.00	-19.27
7440.00	Peak	39.48	8.60	48.08	74.00	-25.92
7440.00	Average	33.93	8.60	42.53	54.00	-11.47

Project No	:TM-2305000074P	Test Date	:2023-10-23
Operation Band	:BT BR	Temp./Humi.	:24.7/58
Frequency	:2480 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:TX	Engineer	:Tony.Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:9		



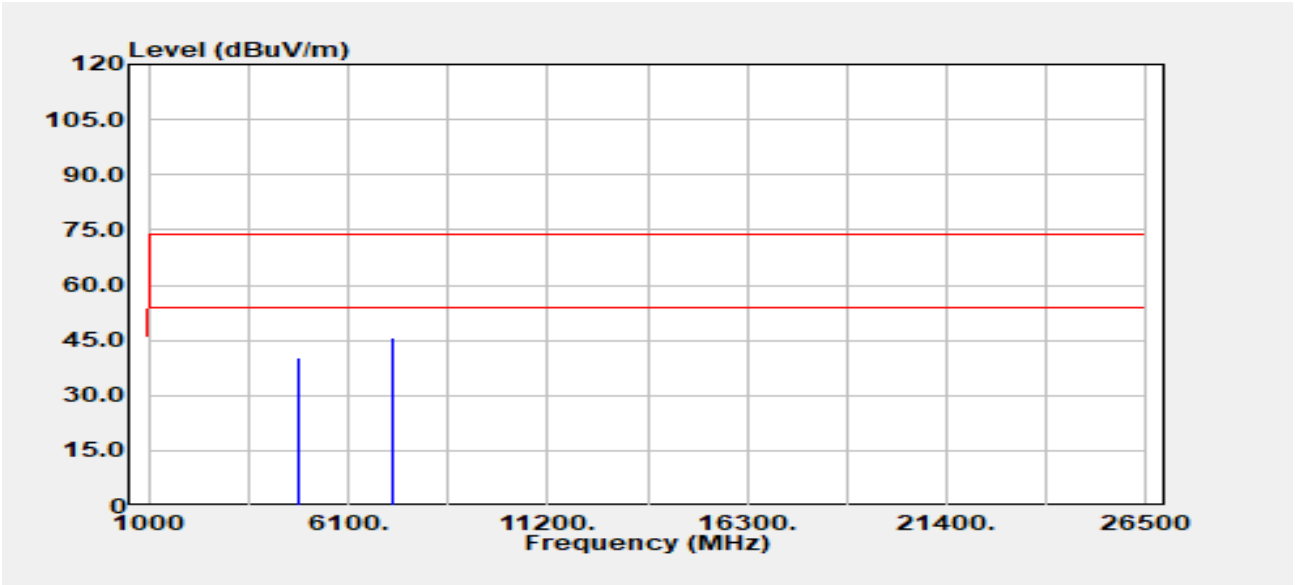
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
4960.00	Peak	37.61	2.83	40.45	74.00	-33.55
4960.00	Average	29.06	2.83	31.89	54.00	-22.11
7440.00	Peak	36.64	8.60	45.24	74.00	-28.76
7440.00	Average	29.56	8.60	38.16	54.00	-15.84

Project No	:TM-2305000074P	Test Date	:2023-10-23
Operation Band	:BT EDR	Temp./Humi.	:24.7/58
Frequency	:2402 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:TX	Engineer	:Tony.Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:9		



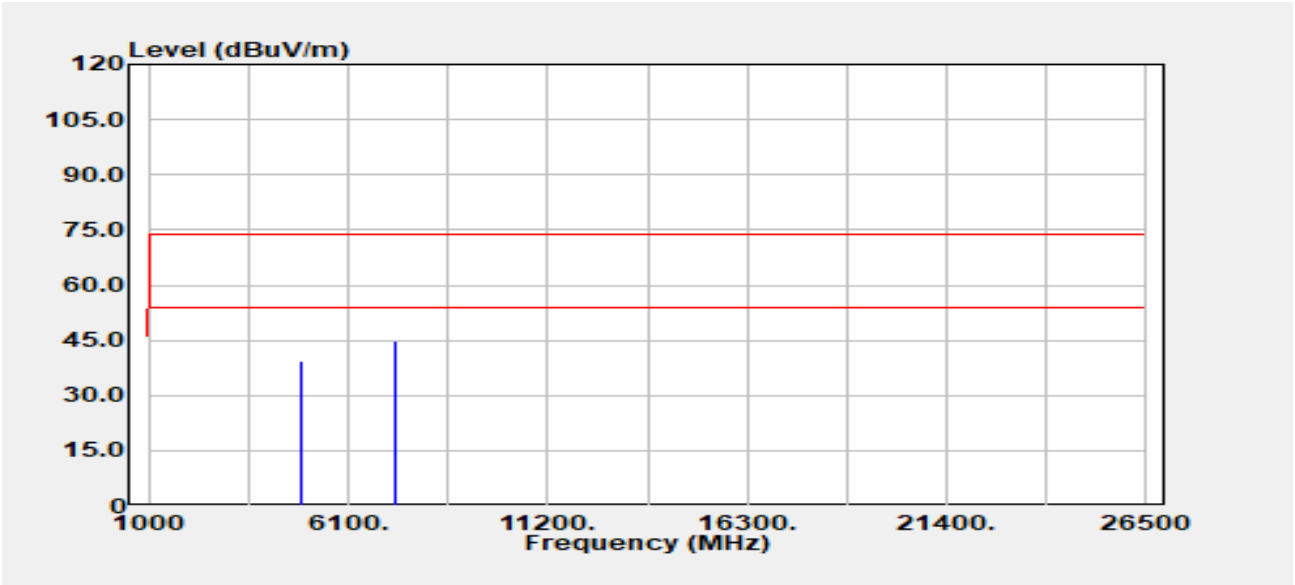
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
4804.00	Peak	38.72	1.95	40.67	74.00	-33.33
4804.00	Average	32.03	1.95	33.98	54.00	-20.02
7206.00	Peak	35.56	8.72	44.28	74.00	-29.72
7206.00	Average	28.16	8.72	36.88	54.00	-17.12

Project No	:TM-2305000074P	Test Date	:2023-10-23
Operation Band	:BT EDR	Temp./Humi.	:24.7/58
Frequency	:2402 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:TX	Engineer	:Tony.Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:9		



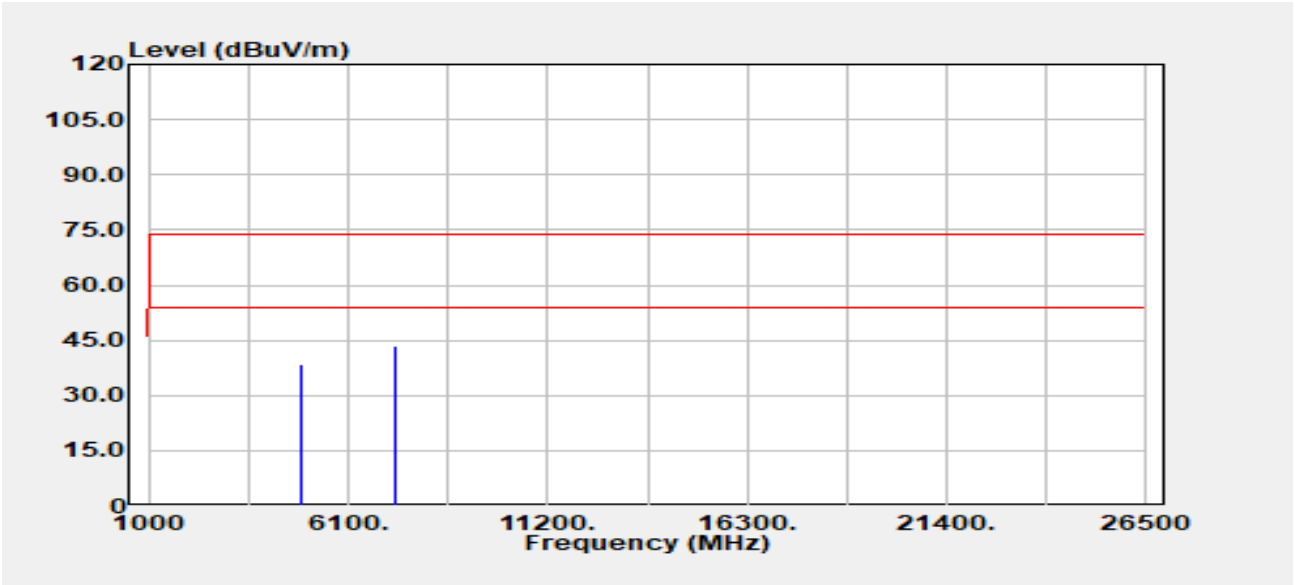
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
4804.00	Peak	38.37	1.95	40.31	74.00	-33.69
4804.00	Average	29.17	1.95	31.12	54.00	-22.88
7206.00	Peak	37.05	8.72	45.77	74.00	-28.23
7206.00	Average	27.13	8.72	35.85	54.00	-18.15

Project No	:TM-2305000074P	Test Date	:2023-10-23
Operation Band	:BT EDR	Temp./Humi.	:24.7/58
Frequency	:2441 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:TX	Engineer	:Tony.Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:9		



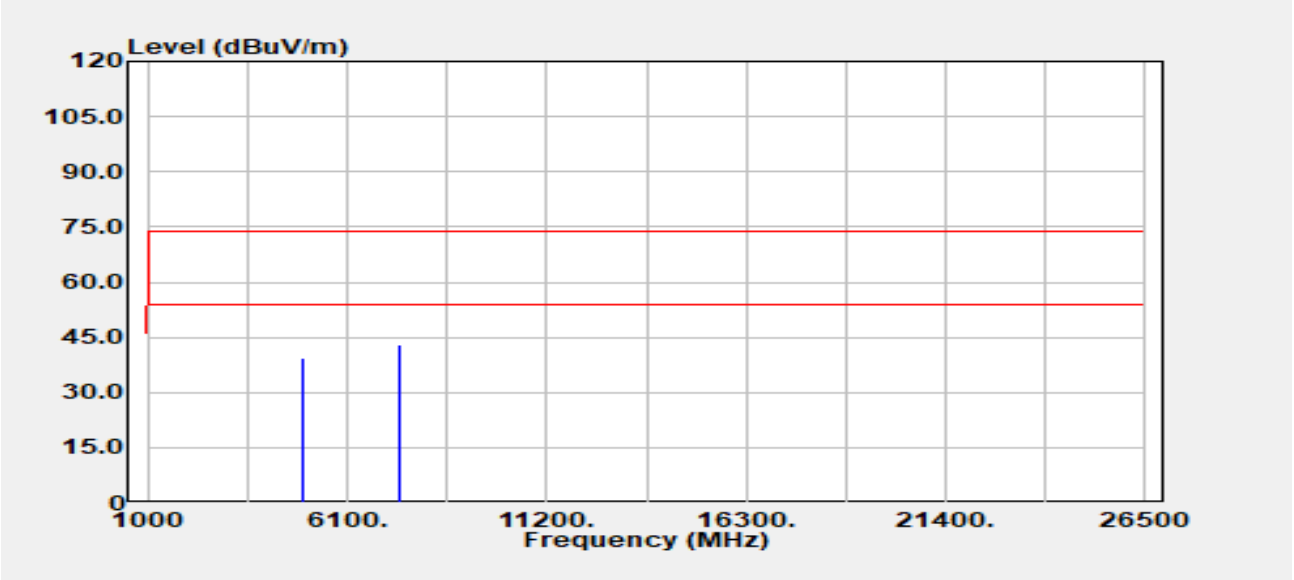
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
4882.00	Peak	37.18	2.24	39.41	74.00	-34.59
4882.00	Average	30.67	2.24	32.91	54.00	-21.09
7323.00	Peak	36.37	8.60	44.97	74.00	-29.03
7323.00	Average	26.90	8.60	35.50	54.00	-18.50

Project No	:TM-2305000074P	Test Date	:2023-10-23
Operation Band	:BT EDR	Temp./Humi.	:24.7/58
Frequency	:2441 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:TX	Engineer	:Tony.Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:9		



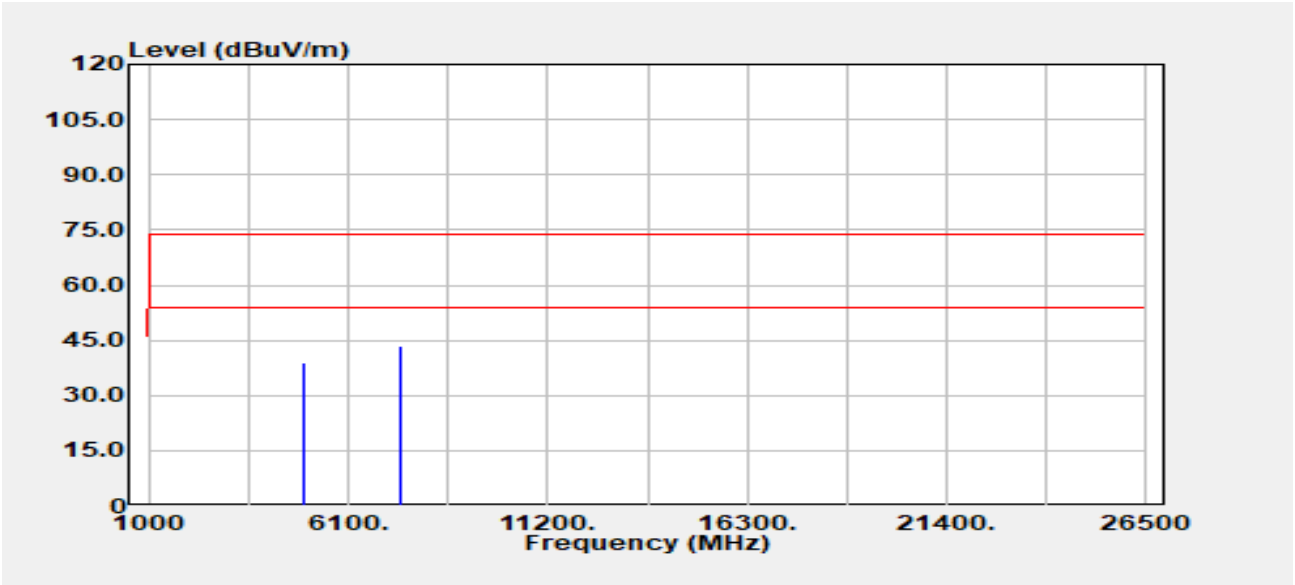
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBµV	Factor dB	Actual FS dBµV/m	Limit dBµV/m	Margin dB
4882.00	Peak	36.41	2.24	38.65	74.00	-35.35
4882.00	Average	28.64	2.24	30.88	54.00	-23.12
7323.00	Peak	34.91	8.60	43.51	74.00	-30.49
7323.00	Average	26.98	8.60	35.58	54.00	-18.42

Project No	:TM-2305000074P	Test Date	:2023-10-23
Operation Band	:BT EDR	Temp./Humi.	:24.7/58
Frequency	:2480 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:TX	Engineer	:Tony.Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:9		



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	36.56	2.83	39.39	74.00	-34.61
4960.00	Average	29.30	2.83	32.13	54.00	-21.87
7440.00	Peak	34.40	8.60	43.00	74.00	-31.00
7440.00	Average	29.16	8.60	37.76	54.00	-16.24

Project No	:TM-2305000074P	Test Date	:2023-10-23
Operation Band	:BT EDR	Temp./Humi.	:24.7/58
Frequency	:2480 MHz	Antenna Pol.	:HORIZONTAL
Operation Mode	:TX	Engineer	:Tony.Chao
EUT Pol	:E2	Test Chamber	: 966A
Setting	:9		



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	36.18	2.83	39.01	74.00	-34.99
4960.00	Average	28.15	2.83	30.98	54.00	-23.02
7440.00	Peak	34.73	8.60	43.33	74.00	-30.67
7440.00	Average	27.35	8.60	35.95	54.00	-18.05

- End of Test Report -