

4.7.4 Test Result

Temperature: 23.4°C

Test date: October 3, 2023

Humidity: 53% RH

Tested by: Allen Shen

GFSK (1Mbps)

Channel	PACKET TYPE	Measurement Result (ms)	Limit (ms)
Mid	DH1	120.00	400
	DH3	260.80	400
	DH5	307.20	400

$\pi/4$ DQPSK (2Mbps)

Channel	PACKET TYPE	Measurement Result (ms)	Limit (ms)
Mid	2DH1	121.60	400
	2DH3	262.40	400
	2DH5	307.20	400

8-DPSK (3Mbps)

Channel	PACKET TYPE	Measurement Result (ms)	Limit (ms)
Mid	3DH1	123.20	400
	3DH3	260.80	400
	3DH5	307.20	400

GFSK (1Mbps):

CH Mid	DH1 time slot	=	0.375	*	(1600/2/79)	*	31.6	=	120.00 (ms)
	DH3 time slot	=	1.630	*	(1600/4/79)	*	31.6	=	260.80 (ms)
	DH5 time slot	=	2.880	*	(1600/6/79)	*	31.6	=	307.20 (ms)

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

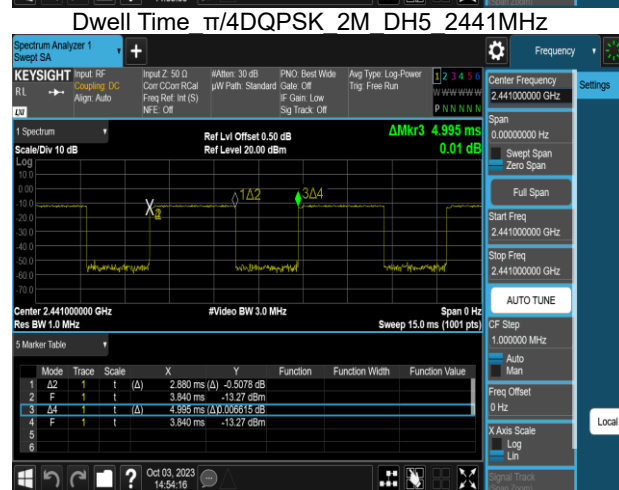
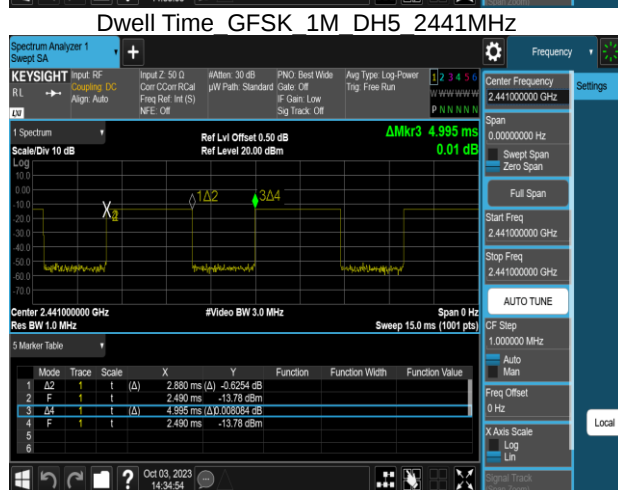
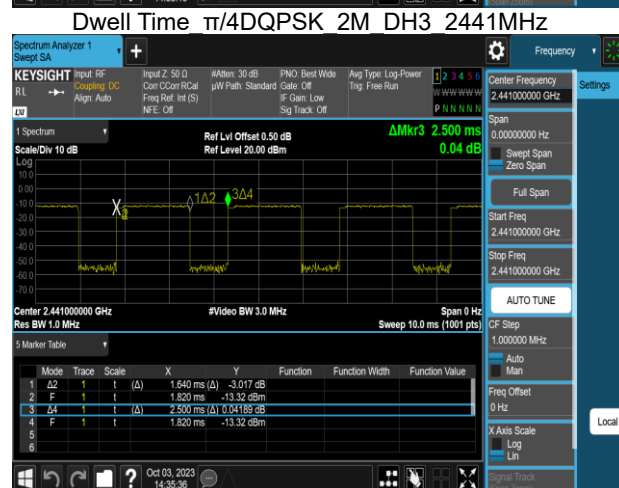
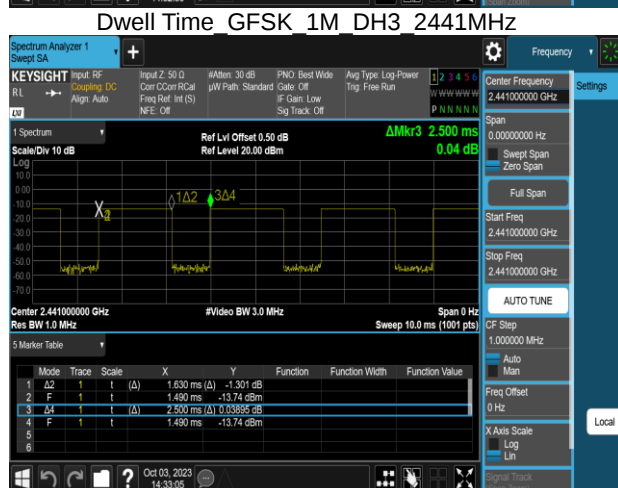
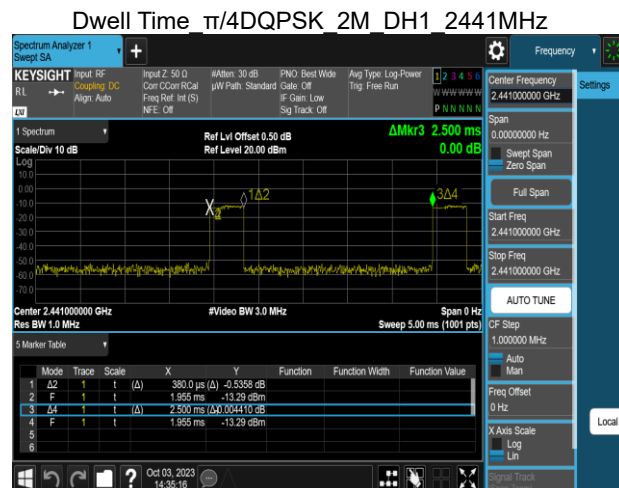
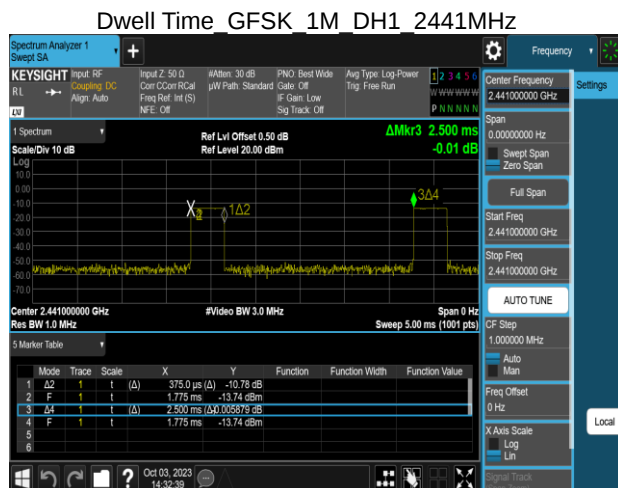
CH Mid	2DH1 time slot	=	0.380	*	(1600/2/79)	*	31.6	=	121.60 (ms)
	2DH3 time slot	=	1.640	*	(1600/4/79)	*	31.6	=	262.40 (ms)
	2DH5 time slot	=	2.880	*	(1600/6/79)	*	31.6	=	307.20 (ms)

8-DPSK (3Mbps):

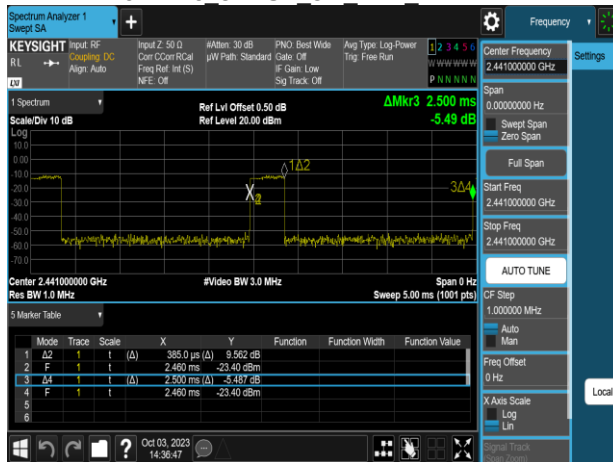
CH Mid	3DH1 time slot	=	0.385	*	(1600/2/79)	*	31.6	=	123.20 (ms)
	3DH3 time slot	=	1.630	*	(1600/4/79)	*	31.6	=	260.80 (ms)
	3DH5 time slot	=	2.880	*	(1600/6/79)	*	31.6	=	307.20 (ms)

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

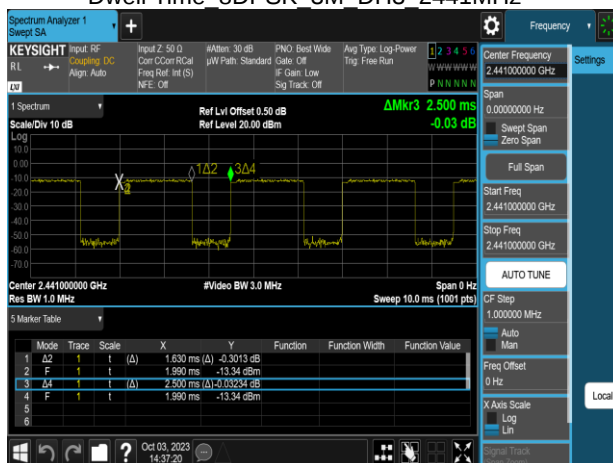
Test Data



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.

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 $\geq$ 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.

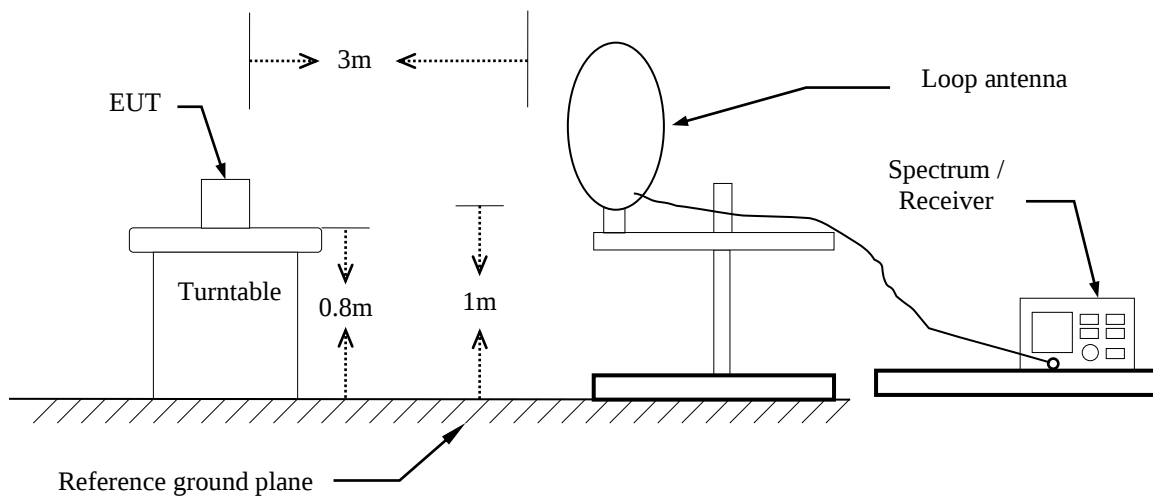
5. Data result

Actual FS=Spectrum Reading Level + Factor

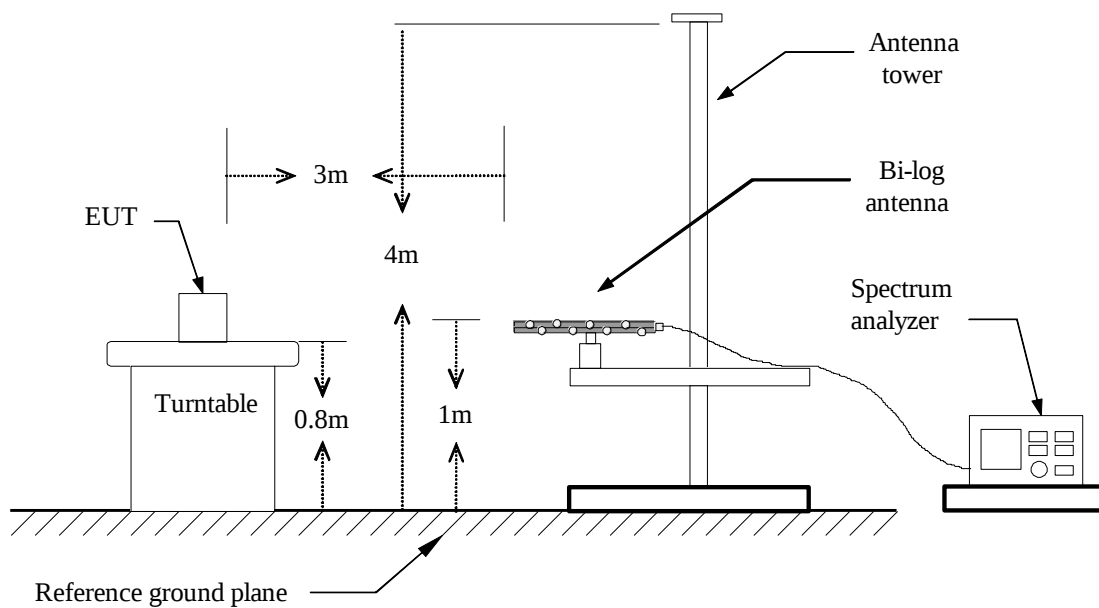
Margin=Actual FS- Limit

4.8.3 Test Setup

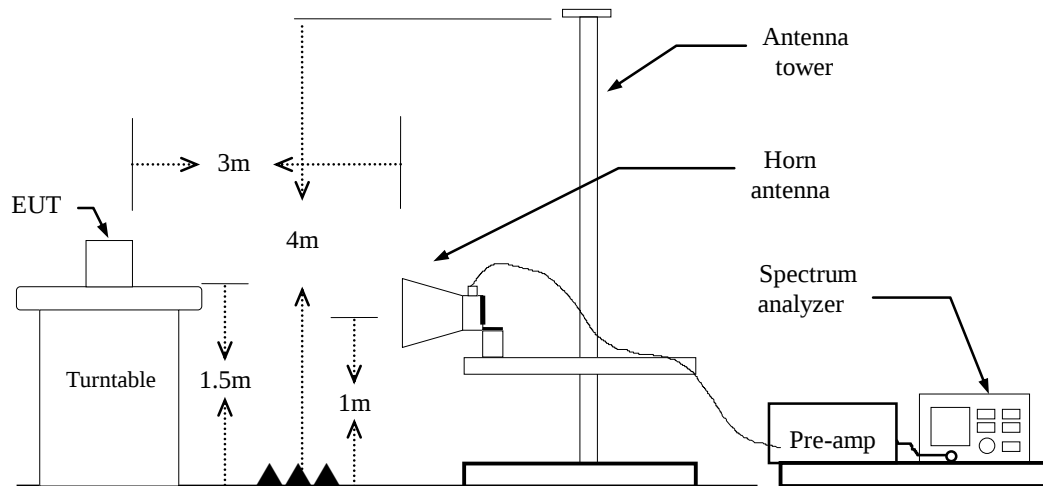
9kHz ~ 30MHz



30MHz ~ 1GHz



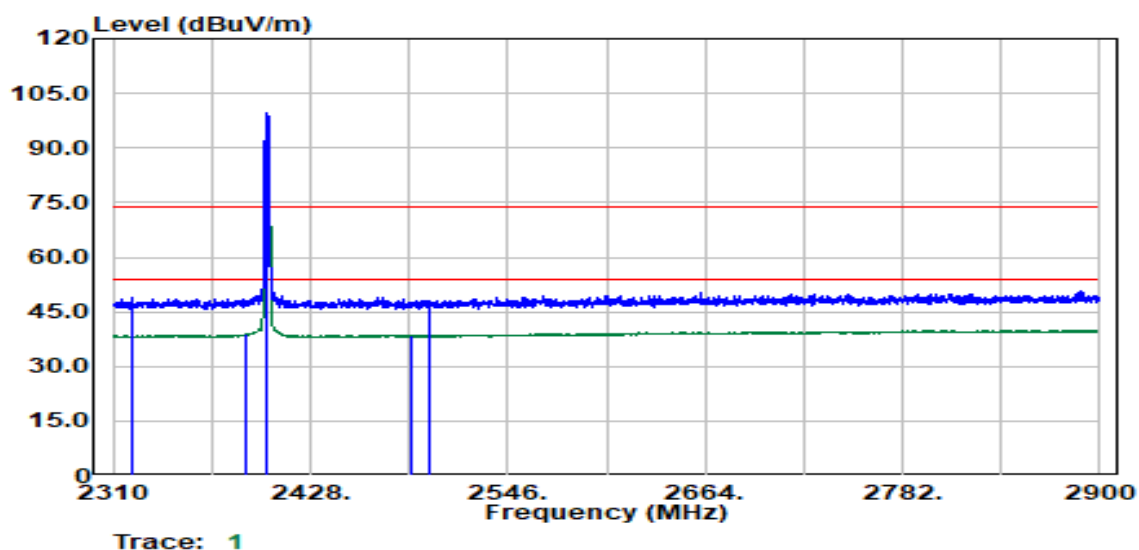
Above 1 GHz



4.8.4 Test Result

Band Edge Test Data

Project No.	:TM-2309000356P	Test Date	:2023-10-11
Operation Band	:BT BR	Temp./Humi.	:25.3/60
Frequency	:2402 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:Bandedge	Engineer	:Czerny Lin
EUT Pol	:H	Test Chamber	: 966D
Setting	:7		



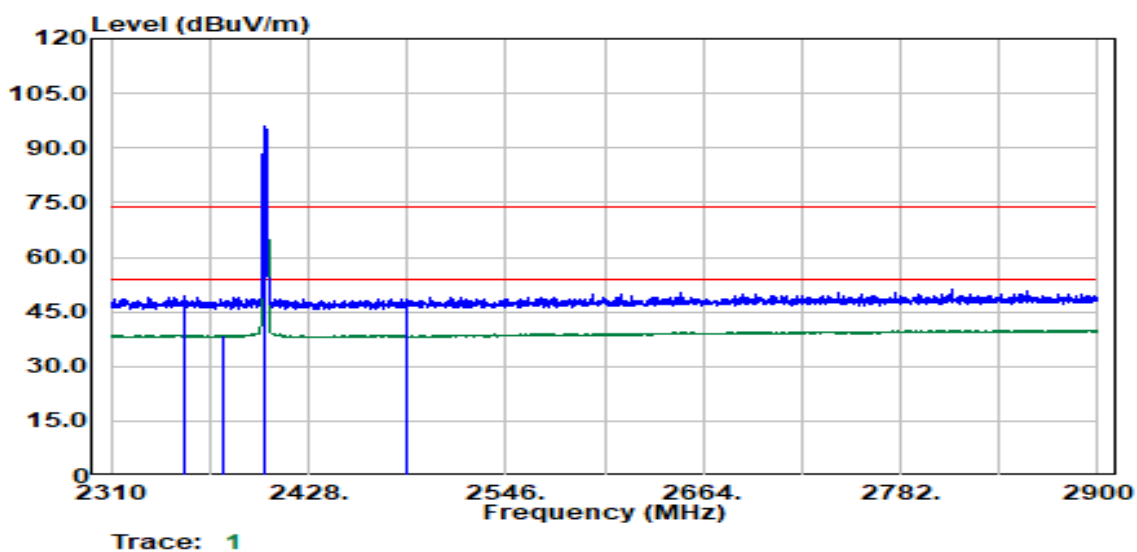
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2321.01	Peak	44.47	4.66	49.12	74.00	-24.88
2390.00	Average	33.93	4.80	38.74	54.00	-15.26
2402.00	Peak	95.15	4.51	99.66	--	--
2402.00	Average	94.91	4.51	99.42	--	--
2487.83	Average	33.99	4.57	38.56	54.00	-15.44
2499.33	Peak	43.44	4.64	48.08	74.00	-25.92

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Project No. :TM-2309000356P
Operation Band :BT BR
Frequency :2402 MHz
Operation Mode :Bandedge
EUT Pol :H
Setting :7

Test Date :2023-10-11
Temp./Humi. :25.3/60
Antenna Pol. :HORIZONTAL
Engineer :Czerny Lin
Test Chamber : 966D



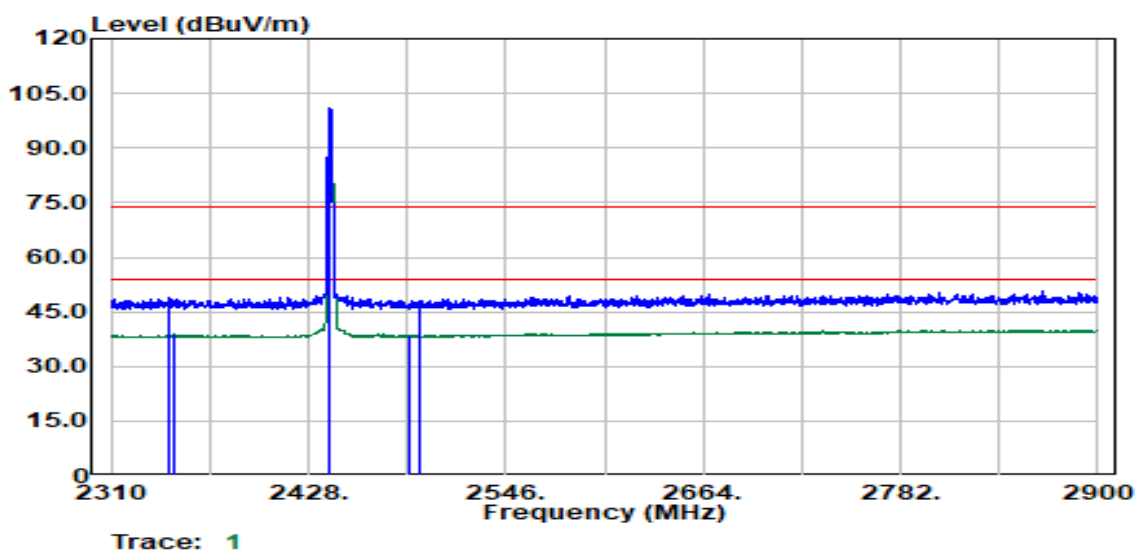
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2353.52	Peak	44.35	4.85	49.20	74.00	-24.80
2377.78	Average	33.84	4.77	38.62	54.00	-15.38
2402.00	Peak	91.51	4.51	96.02	--	--
2402.00	Average	91.27	4.51	95.78	--	--
2486.33	Average	33.89	4.58	38.47	54.00	-15.53
2486.58	Peak	43.66	4.58	48.24	74.00	-25.76

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Project No. :TM-2309000356P
Operation Band :BT BR
Frequency :2441 MHz
Operation Mode :Bandedge
EUT Pol :H
Setting :7

Test Date :2023-10-11
Temp./Humi. :25.3/60
Antenna Pol. :VERTICAL
Engineer :Czerny Lin
Test Chamber : 966D



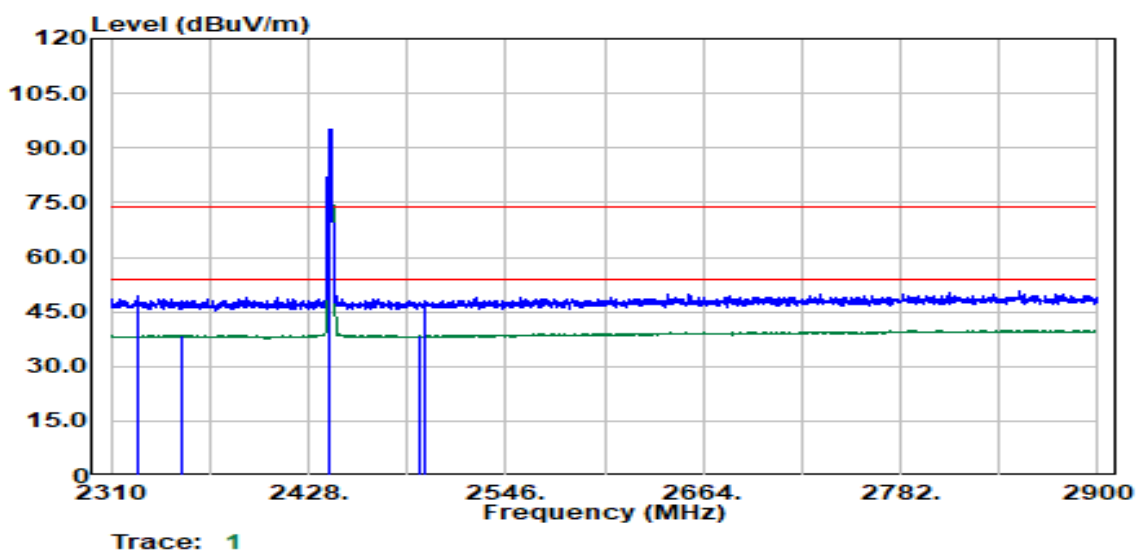
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2344.26	Peak	44.15	4.82	48.96	74.00	-25.04
2347.27	Average	33.88	4.85	38.73	54.00	-15.27
2441.00	Peak	96.25	4.53	100.78	--	--
2441.00	Average	96.01	4.53	100.55	--	--
2488.58	Average	33.82	4.56	38.38	54.00	-15.62
2494.08	Peak	43.61	4.59	48.20	74.00	-25.80

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Project No. :TM-2309000356P
Operation Band :BT BR
Frequency :2441 MHz
Operation Mode :Bandedge
EUT Pol :H
Setting :7

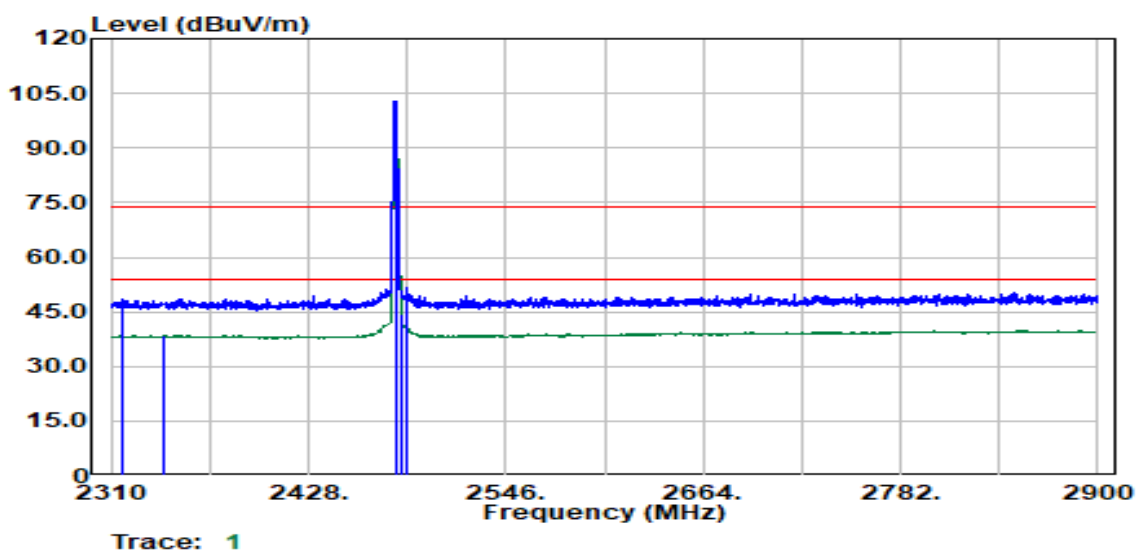
Test Date :2023-10-11
Temp./Humi. :25.3/60
Antenna Pol. :HORIZONTAL
Engineer :Czerny Lin
Test Chamber : 966D



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2326.26	Peak	44.62	4.66	49.28	74.00	-24.72
2352.27	Average	33.65	4.86	38.51	54.00	-15.49
2441.00	Peak	90.47	4.53	95.00	--	--
2441.00	Average	90.30	4.53	94.83	--	--
2494.58	Average	33.80	4.59	38.40	54.00	-15.60
2497.58	Peak	43.27	4.63	47.90	74.00	-26.10

Project No. :TM-2309000356P
Operation Band :BT BR
Frequency :2480 MHz
Operation Mode :Bandedge
EUT Pol :H
Setting :7

Test Date :2023-10-11
Temp./Humi. :25.3/60
Antenna Pol. :VERTICAL
Engineer :Czerny Lin
Test Chamber : 966D



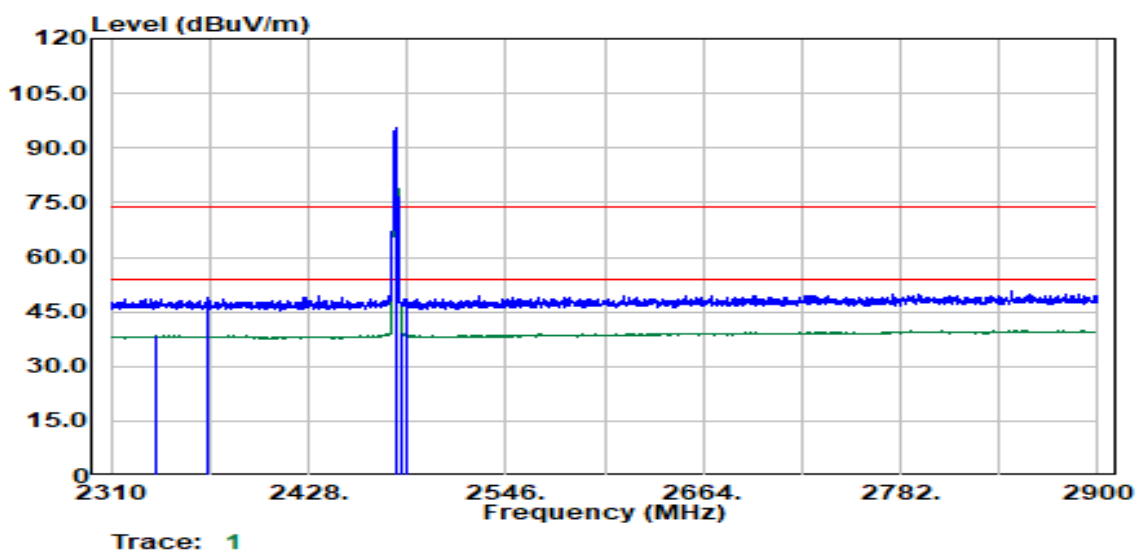
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2316.00	Peak	43.92	4.69	48.61	74.00	-25.39
2341.76	Average	33.76	4.79	38.55	54.00	-15.45
2480.00	Peak	98.34	4.65	102.99	--	--
2480.00	Average	98.08	4.65	102.72	--	--
2483.57	Average	39.61	4.61	44.22	54.00	-9.78
2486.83	Peak	47.08	4.58	51.66	74.00	-22.34

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Project No. :TM-2309000356P
Operation Band :BT BR
Frequency :2480 MHz
Operation Mode :Bandedge
EUT Pol :H
Setting :7

Test Date :2023-10-11
Temp./Humi. :25.3/60
Antenna Pol. :HORIZONTAL
Engineer :Czerny Lin
Test Chamber : 966D



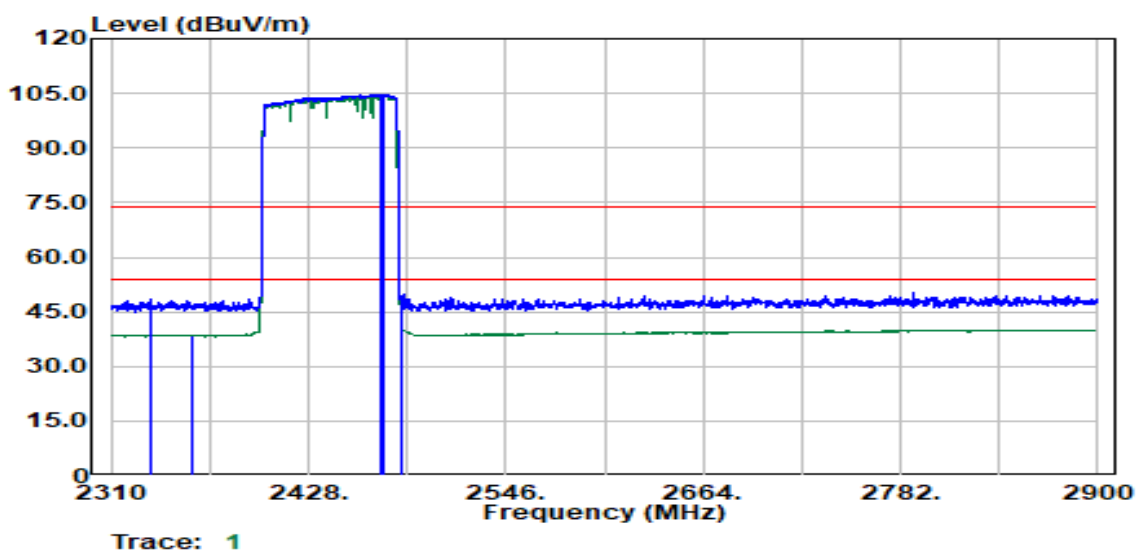
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2337.51	Average	33.60	4.75	38.34	54.00	-15.66
2367.77	Peak	44.38	4.71	49.10	74.00	-24.90
2480.00	Peak	91.19	4.65	95.84	--	--
2480.00	Average	90.99	4.65	95.63	--	--
2483.57	Average	34.78	4.61	39.39	54.00	-14.61
2486.33	Peak	43.92	4.58	48.50	74.00	-25.50

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Project No. :TM-2309000356P
Operation Band :BT BR
Frequency :2402-2480 MHz
Operation Mode :Hopping
EUT Pol :H
Setting :7

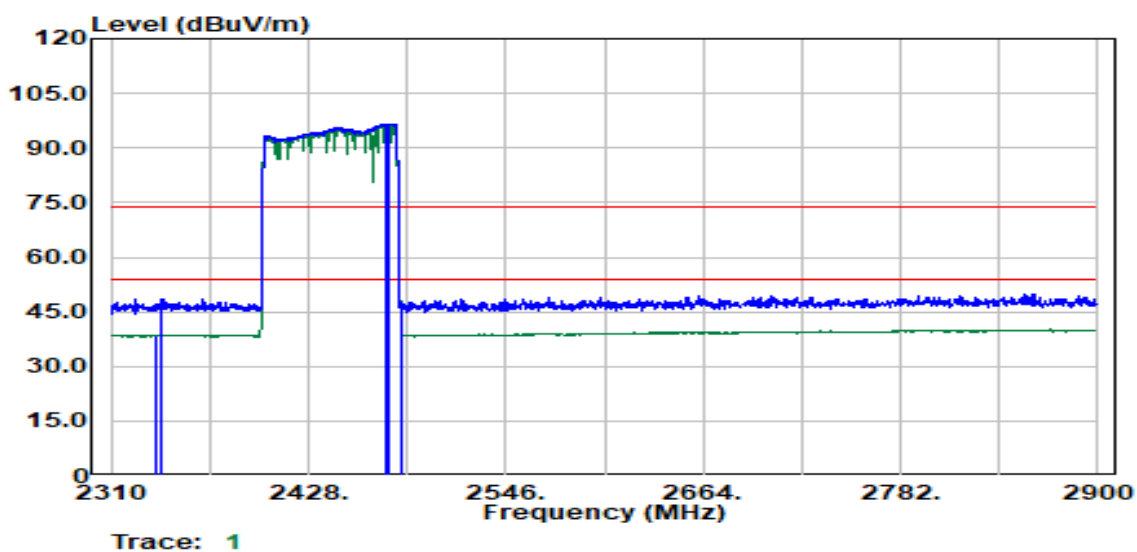
Test Date :2023-10-11
Temp./Humi. :25.3/60
Antenna Pol. :VERTICAL
Engineer :Czerny Lin
Test Chamber : 966D



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2334.19	Peak	43.56	4.71	48.27	74.00	-25.73
2358.09	Average	33.90	4.80	38.70	54.00	-15.30
2471.96	Average	99.87	4.72	104.59	--	--
2473.14	Peak	99.98	4.71	104.69	--	--
2483.50	Peak	45.10	4.61	49.71	74.00	-24.29
2483.50	Average	35.64	4.61	40.25	54.00	-13.75

Project No. :TM-2309000356P
Operation Band :BT BR
Frequency :2402-2480 MHz
Operation Mode :Hopping
EUT Pol :H
Setting :7

Test Date :2023-10-11
Temp./Humi. :25.3/60
Antenna Pol. :HORIZONTAL
Engineer :Czerny Lin
Test Chamber : 966D



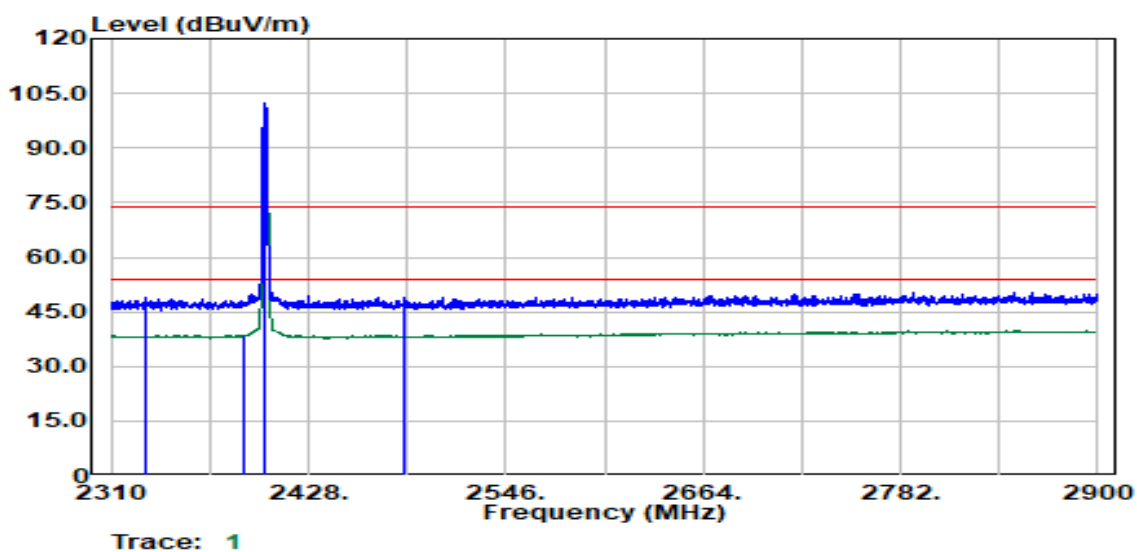
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2336.26	Average	33.95	4.73	38.68	54.00	-15.32
2340.68	Peak	43.60	4.78	48.38	74.00	-25.62
2474.02	Peak	91.97	4.70	96.68	--	--
2476.09	Average	91.89	4.68	96.57	--	--
2483.50	Peak	43.33	4.61	47.94	74.00	-26.06
2483.50	Average	36.50	4.61	41.12	54.00	-12.88

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Project No. :TM-2309000356P
Operation Band :BT EDR
Frequency :2402 MHz
Operation Mode :Bandedge
EUT Pol :H
Setting :7

Test Date :2023-10-11
Temp./Humi. :25.3/60
Antenna Pol. :VERTICAL
Engineer :Czerny Lin
Test Chamber : 966D



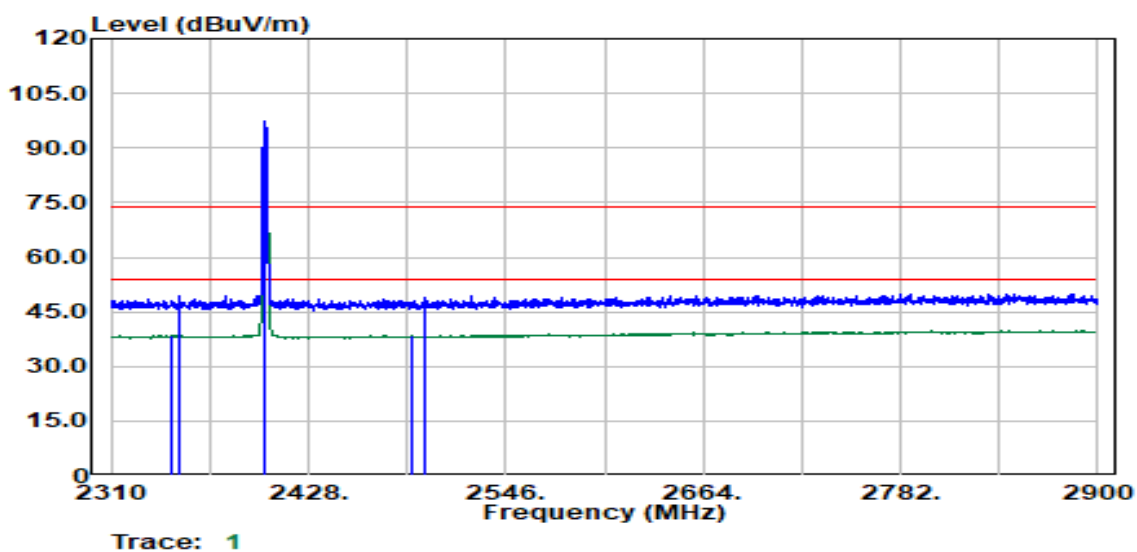
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2331.26	Peak	44.38	4.68	49.05	74.00	-24.95
2390.00	Average	33.87	4.80	38.67	54.00	-15.33
2402.00	Peak	97.96	4.51	102.47	--	--
2402.00	Average	94.76	4.51	99.27	--	--
2485.32	Average	33.75	4.59	38.34	54.00	-15.66
2485.57	Peak	44.44	4.59	49.04	74.00	-24.96

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Project No. :TM-2309000356P
Operation Band :BT EDR
Frequency :2402 MHz
Operation Mode :Bandedge
EUT Pol :H
Setting :7

Test Date :2023-10-11
Temp./Humi. :25.3/60
Antenna Pol. :HORIZONTAL
Engineer :Czerny Lin
Test Chamber : 966D



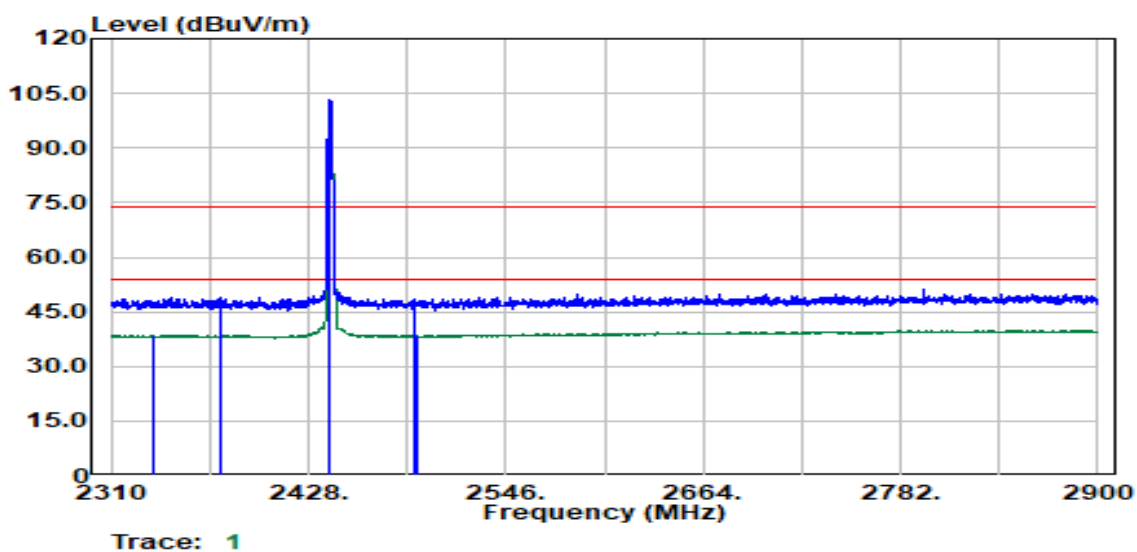
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2346.27	Average	33.71	4.84	38.55	54.00	-15.45
2351.27	Peak	44.37	4.87	49.24	74.00	-24.76
2402.00	Peak	92.64	4.51	97.15	--	--
2402.00	Average	89.39	4.51	93.90	--	--
2489.83	Average	33.78	4.55	38.33	54.00	-15.67
2498.08	Peak	44.49	4.63	49.12	74.00	-24.88

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Operation Band :BT EDR
Frequency :2441 MHz
Operation Mode :Bandedge
EUT Pol :H
Setting :7

Test Date :2023-10-11
Temp./Humi. :25.3/60
Antenna Pol. :VERTICAL
Engineer :Czerny Lin
Test Chamber : 966D



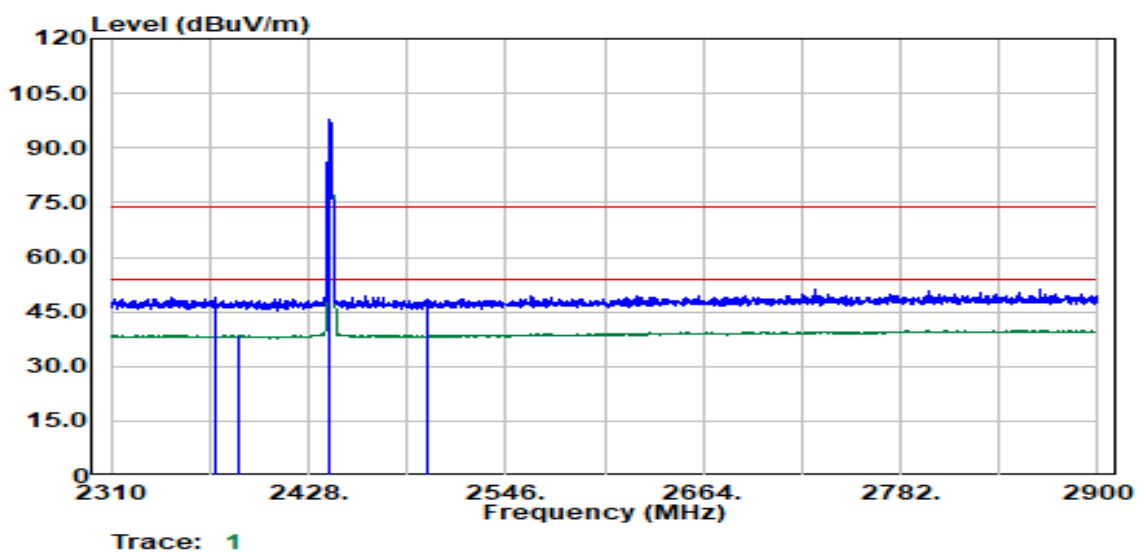
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2335.51	Average	33.87	4.72	38.59	54.00	-15.41
2375.28	Peak	44.33	4.75	49.07	74.00	-24.93
2441.00	Peak	98.70	4.53	103.23	--	--
2441.00	Average	95.46	4.53	100.00	--	--
2491.08	Peak	43.99	4.56	48.55	74.00	-25.45
2492.58	Average	33.80	4.57	38.37	54.00	-15.63

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Operation Band :BT EDR
Frequency :2441 MHz
Operation Mode :Bandedge
EUT Pol :H
Setting :7

Test Date :2023-10-11
Temp./Humi. :25.3/60
Antenna Pol. :HORIZONTAL
Engineer :Czerny Lin
Test Chamber : 966D



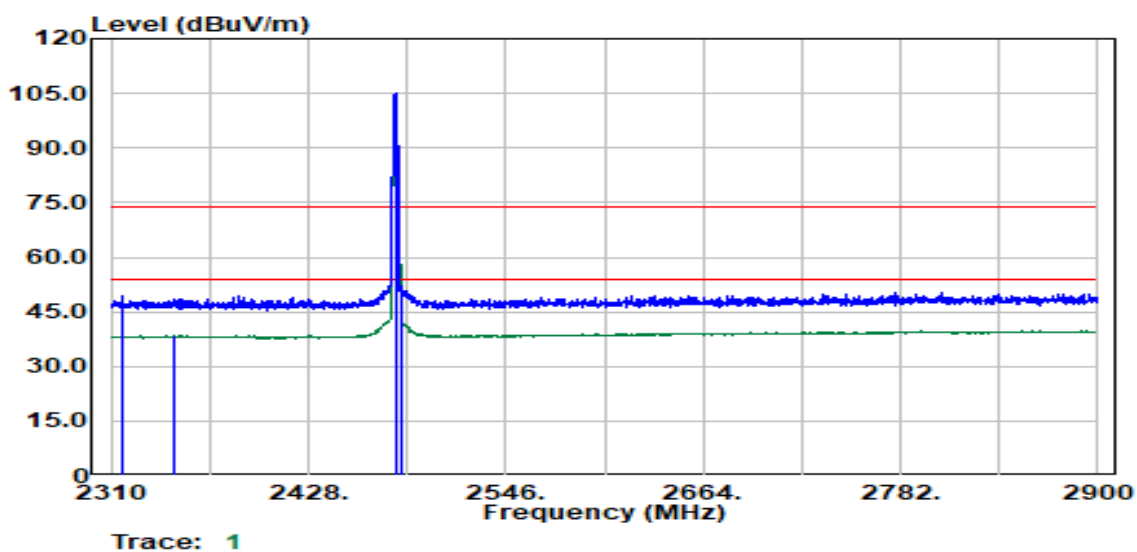
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2371.78	Peak	44.26	4.71	48.97	74.00	-25.03
2385.53	Average	33.82	4.80	38.62	54.00	-15.38
2441.00	Peak	93.61	4.53	98.14	--	--
2441.00	Average	90.42	4.53	94.95	--	--
2499.08	Peak	43.87	4.64	48.51	74.00	-25.49
2499.58	Average	33.80	4.65	38.45	54.00	-15.55

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Project No. :TM-2309000356P
Operation Band :BT EDR
Frequency :2480 MHz
Operation Mode :Bandedge
EUT Pol :H
Setting :7

Test Date :2023-10-11
Temp./Humi. :25.3/60
Antenna Pol. :VERTICAL
Engineer :Czerny Lin
Test Chamber : 966D



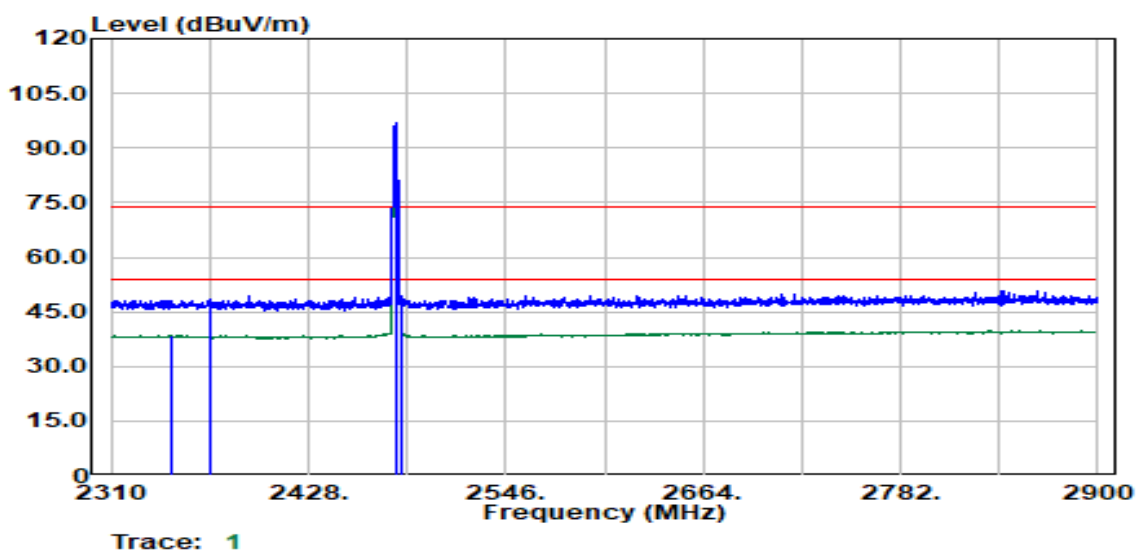
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2317.00	Peak	44.77	4.68	49.46	74.00	-24.54
2347.27	Average	33.55	4.85	38.40	54.00	-15.60
2480.00	Peak	100.59	4.65	105.23	--	--
2480.00	Average	97.64	4.65	102.29	--	--
2483.57	Peak	47.11	4.61	51.72	74.00	-22.28
2483.57	Average	41.59	4.61	46.21	54.00	-7.79

Report No.: TMWK2309003418KR

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Project No. :TM-2309000356P
Operation Band :BT EDR
Frequency :2480 MHz
Operation Mode :Bandedge
EUT Pol :H
Setting :7

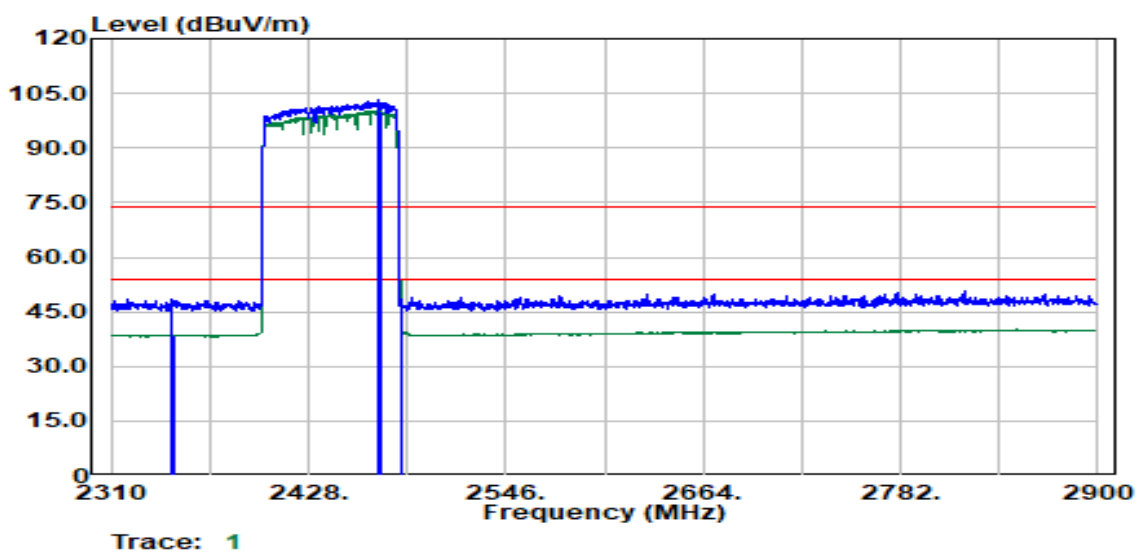
Test Date :2023-10-11
Temp./Humi. :25.3/60
Antenna Pol. :HORIZONTAL
Engineer :Czerny Lin
Test Chamber : 966D



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2346.27	Average	33.62	4.84	38.46	54.00	-15.54
2368.78	Peak	43.55	4.70	48.25	74.00	-25.75
2480.00	Peak	92.94	4.65	97.58	--	--
2480.00	Average	89.71	4.65	94.36	--	--
2483.57	Peak	44.97	4.61	49.58	74.00	-24.42
2483.57	Average	35.53	4.61	40.14	54.00	-13.86

Project No. :TM-2309000356P
Operation Band :BT EDR
Frequency :2402-2480 MHz
Operation Mode :Hopping
EUT Pol :H
Setting :7

Test Date :2023-10-11
Temp./Humi. :25.3/60
Antenna Pol. :VERTICAL
Engineer :Czerny Lin
Test Chamber : 966D



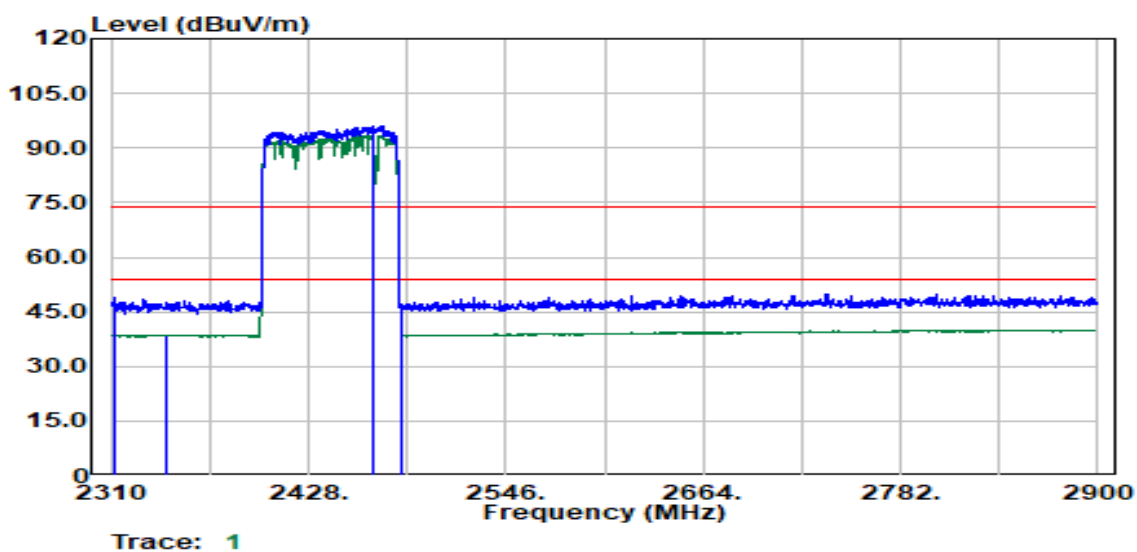
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2345.40	Peak	43.54	4.83	48.37	74.00	-25.63
2347.17	Average	33.83	4.85	38.68	54.00	-15.32
2470.19	Peak	98.41	4.74	103.15	--	--
2470.78	Average	95.31	4.74	100.05	--	--
2483.50	Peak	44.46	4.61	49.07	74.00	-24.93
2483.50	Average	40.75	4.61	45.36	54.00	-8.64

Report No.: TMWK2309003418KR

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Rev.: 01

Project No. :TM-2309000356P
Operation Band :BT EDR
Frequency :2402-2480 MHz
Operation Mode :Hopping
EUT Pol :H
Setting :7

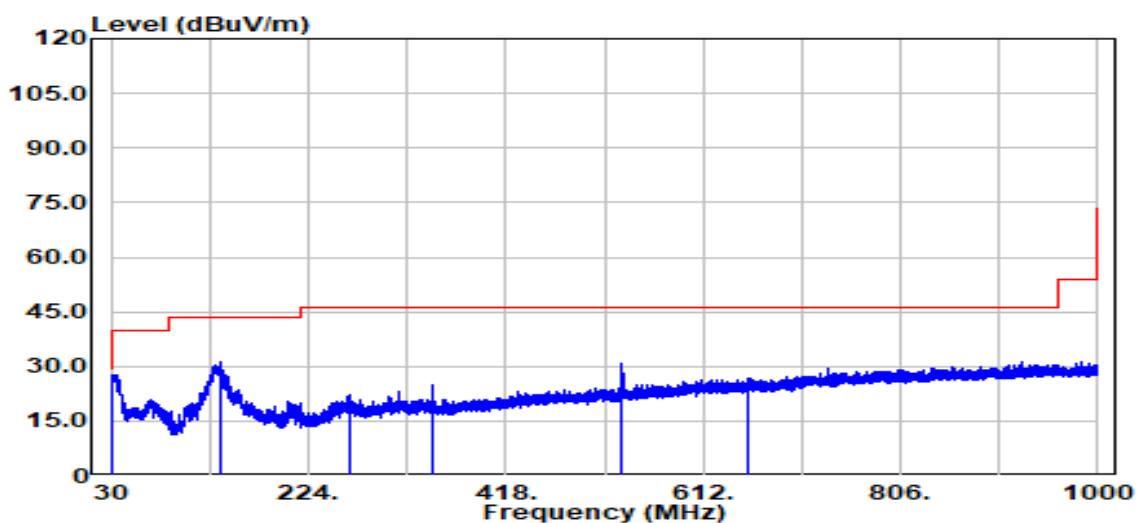
Test Date :2023-10-11
Temp./Humi. :25.3/60
Antenna Pol. :HORIZONTAL
Engineer :Czerny Lin
Test Chamber : 966D



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
2311.48	Peak	44.27	4.73	49.01	74.00	-24.99
2343.63	Average	33.90	4.81	38.71	54.00	-15.29
2466.06	Peak	91.25	4.70	95.95	--	--
2466.06	Average	88.80	4.70	93.50	--	--
2483.50	Peak	42.84	4.61	47.46	74.00	-26.54
2483.50	Average	35.71	4.61	40.32	54.00	-13.68

TX Test Data

Project No.	:TM-2309000356P	Test Date	:2023-10-12
Operation Band	:BT BR	Temp./Humi.	:25.9/57
Frequency	:2480 MHz	Antenna Pol.	:VERTICAL
Operation Mode	:TX	Engineer	:Czerny Lin
EUT Pol	:H	Test Chamber	: 966D
Setting	:7		



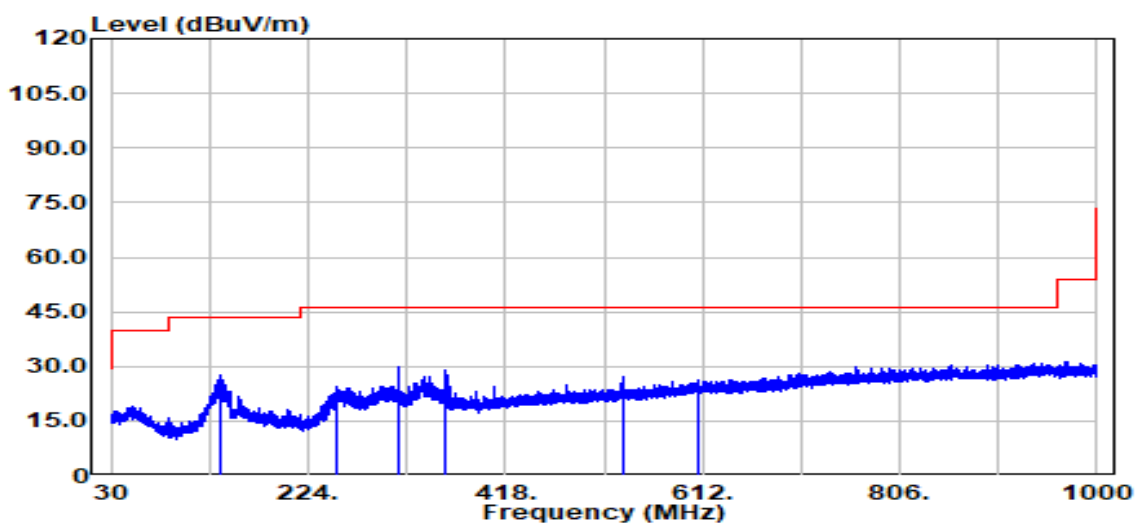
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
32.04	Peak	41.80	-14.11	27.69	40.00	-12.31
138.06	Peak	44.95	-13.74	31.21	43.50	-12.29
263.96	Peak	35.73	-13.53	22.20	46.00	-23.80
345.54	Peak	35.92	-11.18	24.74	46.00	-21.26
532.27	Peak	37.60	-6.86	30.74	46.00	-15.26
655.17	Peak	30.73	-4.20	26.53	46.00	-19.47

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Project No. :TM-2309000356P
Operation Band :BT BR
Frequency :2480 MHz
Operation Mode :TX
EUT Pol :H
Setting :7

Test Date :2023-10-12
Temp./Humi. :25.9/57
Antenna Pol. :HORIZONTAL
Engineer :Czerny Lin
Test Chamber : 966D



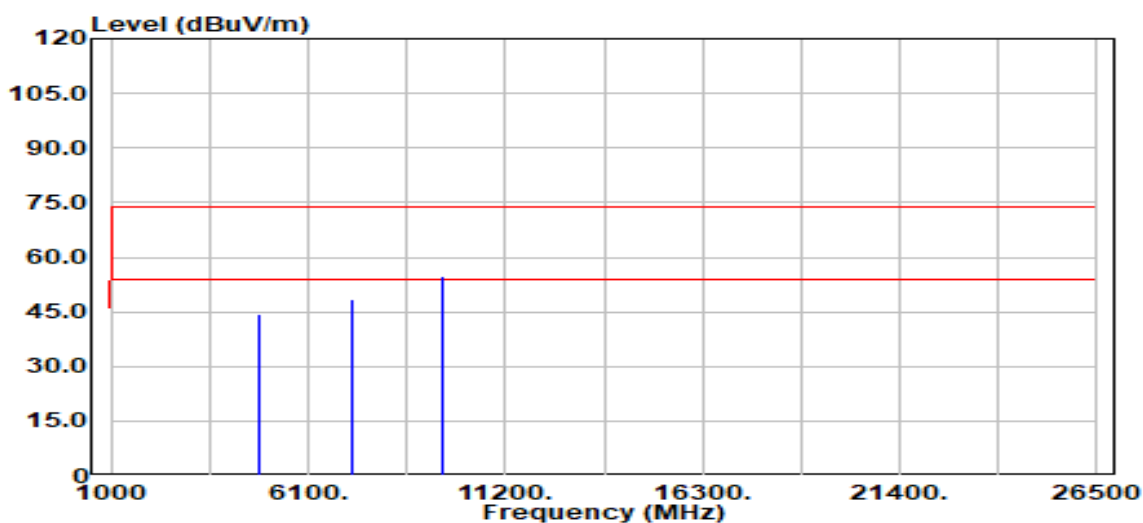
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBUV	Factor dB	Actual FS dBUV/m	Limit dBUV/m	Margin dB
137.38	Peak	41.63	-13.88	27.75	43.50	-15.75
252.03	Peak	38.44	-13.97	24.47	46.00	-21.53
311.98	Peak	41.99	-11.92	30.07	46.00	-15.93
359.99	Peak	39.90	-11.10	28.80	46.00	-17.20
532.85	Peak	33.98	-6.85	27.13	46.00	-18.87
607.05	Peak	30.83	-4.76	26.07	46.00	-19.93

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Project No. :TM-2309000356P
Operation Band :BT BR
Frequency :2402 MHz
Operation Mode :TX
EUT Pol :H
Setting :7

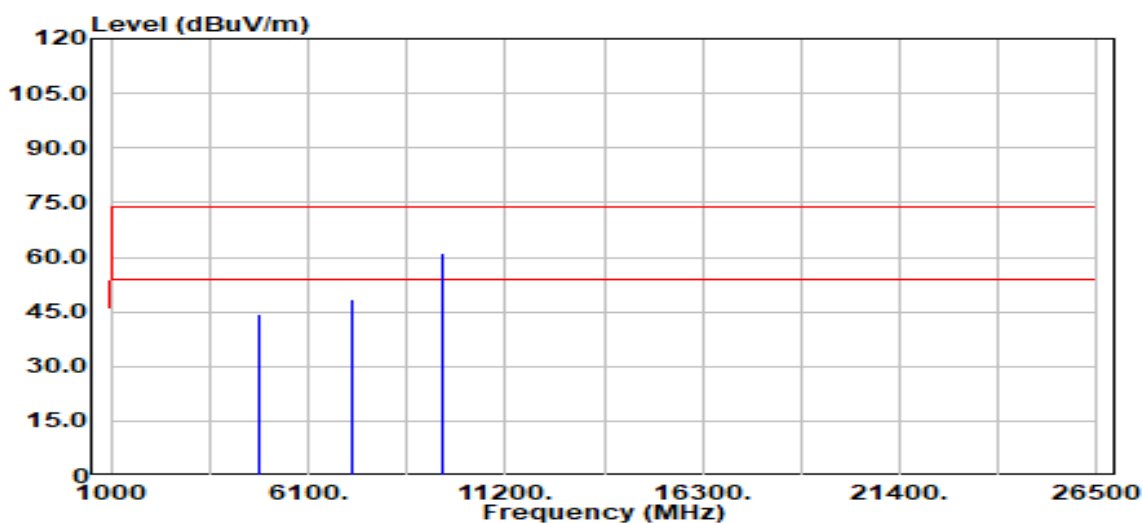
Test Date :2023-10-12
Temp./Humi. :25.3/60
Antenna Pol. :VERTICAL
Engineer :Czerny Lin
Test Chamber : 966D



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4804.00	Peak	43.87	0.38	44.25	74.00	-29.75
4804.00	Average	34.17	0.38	34.55	54.00	-19.45
7206.00	Peak	42.95	5.33	48.27	74.00	-25.73
7206.00	Average	32.82	5.33	38.15	54.00	-15.85
9608.00	Peak	50.32	4.59	54.91	79.66	-24.75
9608.00	Average	46.04	4.59	50.62	79.42	-28.80

Project No. :TM-2309000356P
Operation Band :BT BR
Frequency :2402 MHz
Operation Mode :TX
EUT Pol :H
Setting :7

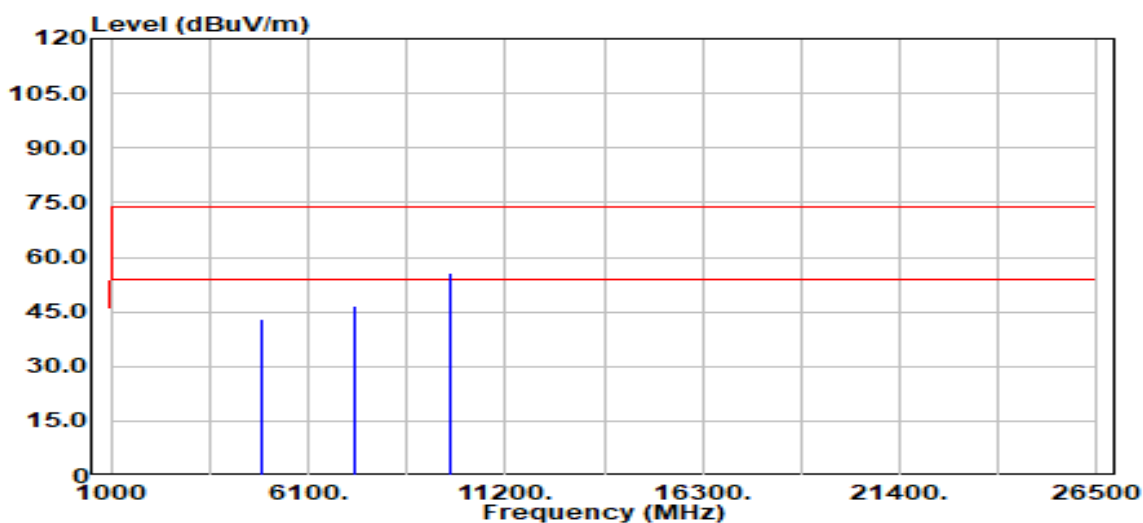
Test Date :2023-10-12
Temp./Humi. :25.3/60
Antenna Pol. :HORIZONTAL
Engineer :Czerny Lin
Test Chamber : 966D



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBUV	Factor dB	Actual FS dBUV/m	Limit dBUV/m	Margin dB
4804.00	Peak	44.15	0.38	44.53	74.00	-29.47
4804.00	Average	33.95	0.38	34.33	54.00	-19.67
7206.00	Peak	43.00	5.33	48.33	74.00	-25.67
7206.00	Average	32.88	5.33	38.21	54.00	-15.79
9608.00	Peak	56.53	4.59	61.12	76.02	-14.90
9608.00	Average	53.76	4.59	58.34	75.78	-17.44

Project No. :TM-2309000356P
Operation Band :BT BR
Frequency :2441 MHz
Operation Mode :TX
EUT Pol :H
Setting :7

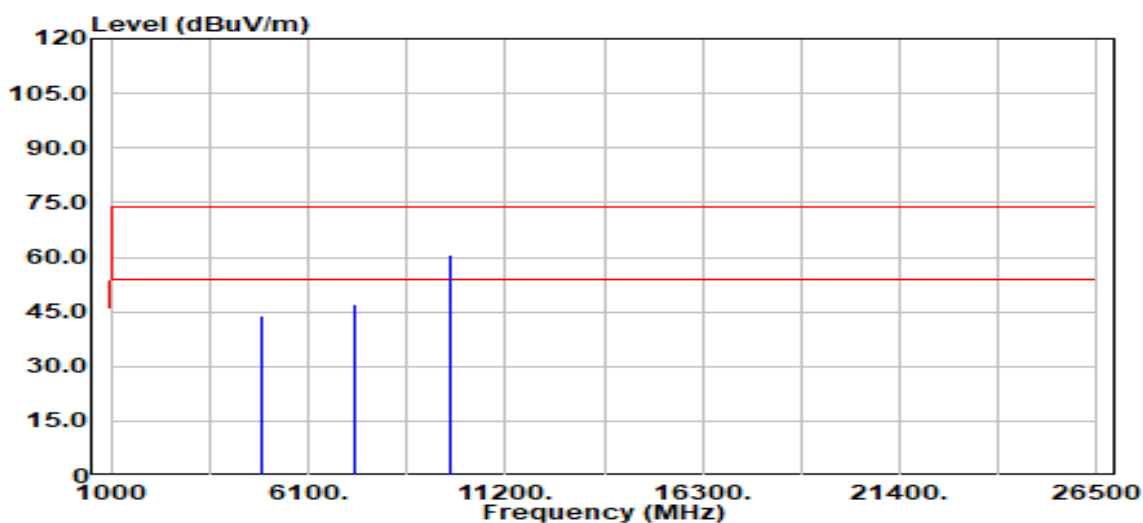
Test Date :2023-10-12
Temp./Humi. :25.3/60
Antenna Pol. :Vertical
Engineer :Czerny Lin
Test Chamber : 966D



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBUV	Factor dB	Actual FS dBUV/m	Limit dBUV/m	Margin dB
4882.00	Peak	42.44	0.49	42.93	74.00	-31.07
4882.00	Average	33.63	0.49	34.11	54.00	-19.89
7323.00	Peak	40.95	5.48	46.43	74.00	-27.57
7323.00	Average	32.60	5.48	38.08	54.00	-15.92
9764.00	Peak	50.77	4.79	55.56	80.78	-25.22
9764.00	Average	47.75	4.79	52.53	80.55	-28.02

Project No. :TM-2309000356P
Operation Band :BT BR
Frequency :2441 MHz
Operation Mode :TX
EUT Pol :H
Setting :7

Test Date :2023-10-12
Temp./Humi. :25.3/60
Antenna Pol. :HORIZONTAL
Engineer :Czerny Lin
Test Chamber : 966D



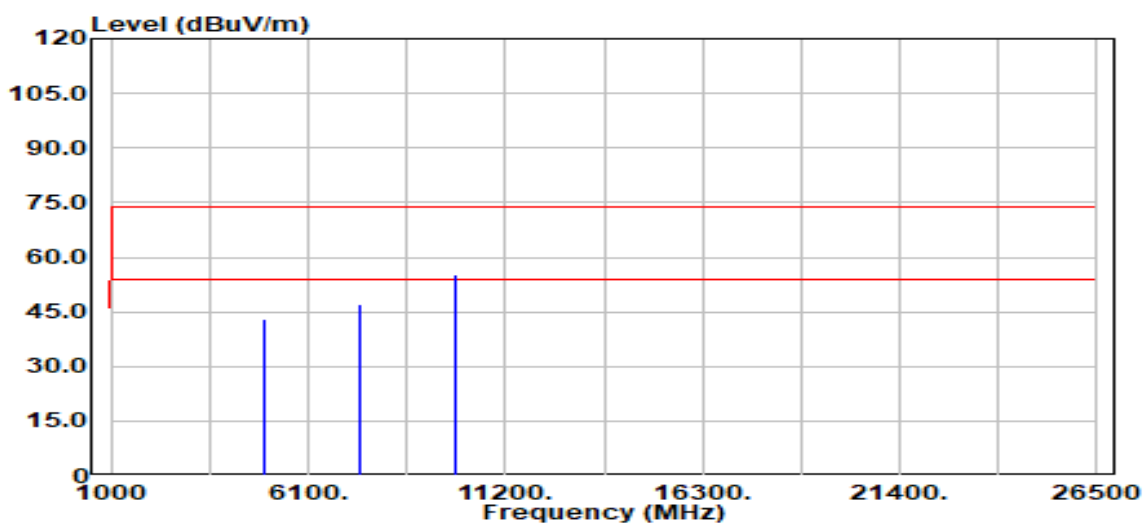
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBUV	Factor dB	Actual FS dBUV/m	Limit dBUV/m	Margin dB
4882.00	Peak	43.61	0.49	44.10	74.00	-29.90
4882.00	Average	32.95	0.49	33.43	54.00	-20.57
7323.00	Peak	41.80	5.48	47.28	74.00	-26.72
7323.00	Average	32.20	5.48	37.68	54.00	-16.32
9764.00	Peak	56.10	4.79	60.88	75.00	-14.12
9764.00	Average	53.54	4.79	58.33	74.83	-16.50

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Project No. :TM-2309000356P
Operation Band :BT BR
Frequency :2480 MHz
Operation Mode :TX
EUT Pol :H
Setting :7

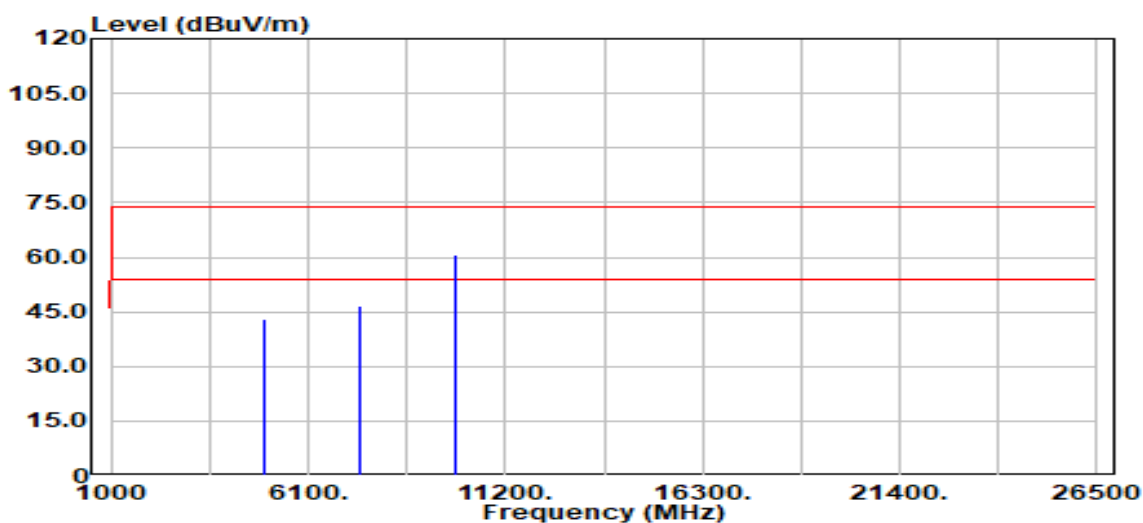
Test Date :2023-10-12
Temp./Humi. :25.3/60
Antenna Pol. :VERTICAL
Engineer :Czerny Lin
Test Chamber : 966D



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBUV	Factor dB	Actual FS dBUV/m	Limit dBUV/m	Margin dB
4960.00	Peak	42.48	0.65	43.13	74.00	-30.87
4960.00	Average	33.27	0.65	33.92	54.00	-20.08
7440.00	Peak	41.42	5.56	46.99	74.00	-27.01
7440.00	Average	32.33	5.56	37.89	54.00	-16.11
9920.00	Peak	50.78	4.40	55.18	82.99	-27.81
9920.00	Average	47.16	4.40	51.56	82.72	-31.16

Project No. :TM-2309000356P
Operation Band :BT BR
Frequency :2480 MHz
Operation Mode :TX
EUT Pol :H
Setting :7

Test Date :2023-10-12
Temp./Humi. :25.3/60
Antenna Pol. :HORIZONTAL
Engineer :Czerny Lin
Test Chamber : 966D



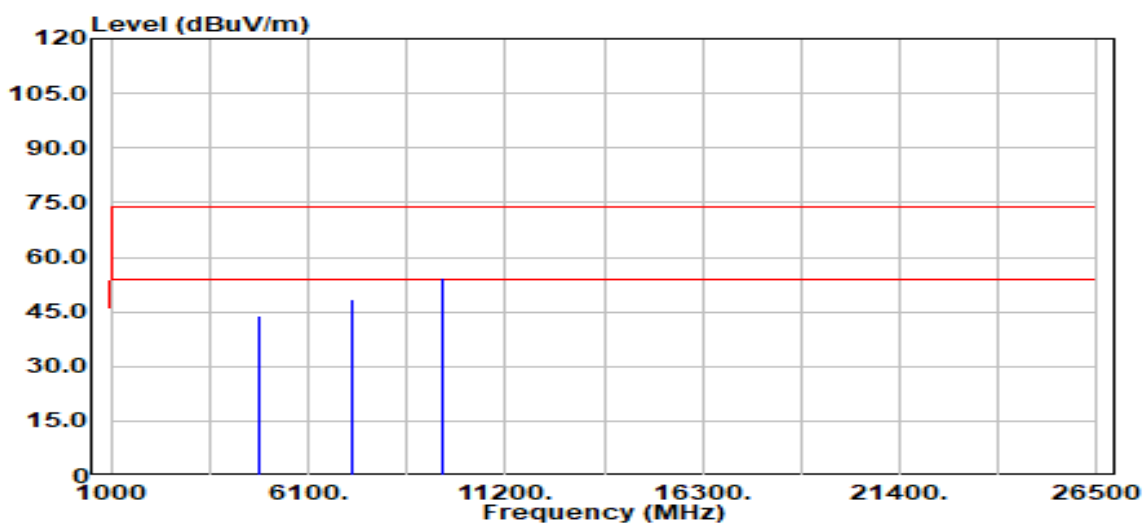
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4960.00	Peak	42.29	0.65	42.94	74.00	-31.06
4960.00	Average	33.30	0.65	33.94	54.00	-20.06
7440.00	Peak	41.12	5.56	46.68	74.00	-27.32
7440.00	Average	32.46	5.56	38.02	54.00	-15.98
9920.00	Peak	56.15	4.40	60.55	75.84	-15.29
9920.00	Average	53.46	4.40	57.86	75.63	-17.77

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Project No. :TM-2309000356P
Operation Band :BT EDR
Frequency :2402 MHz
Operation Mode :TX
EUT Pol :H
Setting :7

Test Date :2023-10-12
Temp./Humi. :25.3/60
Antenna Pol. :VERTICAL
Engineer :Czerny Lin
Test Chamber : 966D



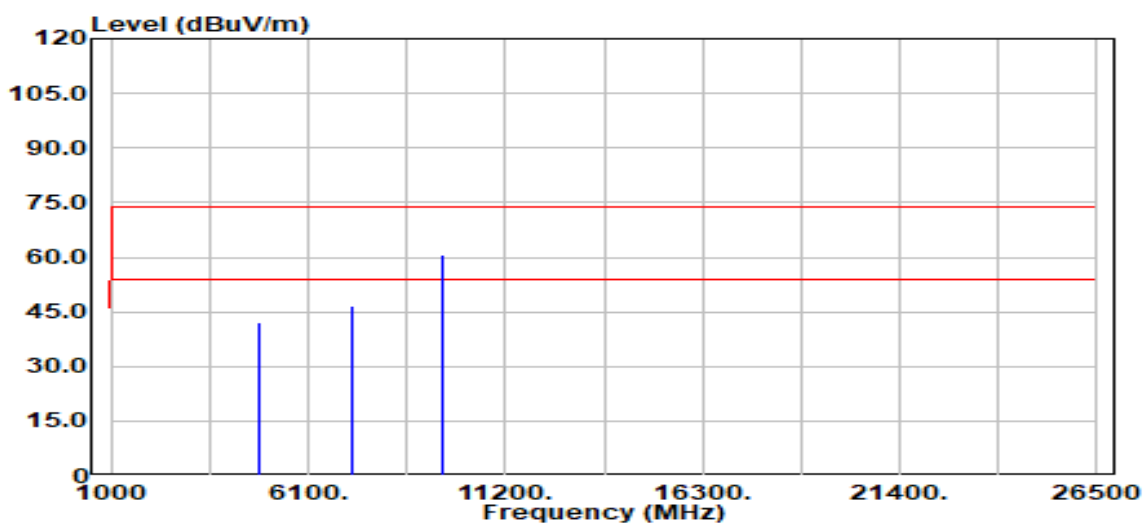
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBUV	Factor dB	Actual FS dBUV/m	Limit dBUV/m	Margin dB
4804.00	Peak	43.49	0.38	43.88	74.00	-30.12
4804.00	Average	33.81	0.38	34.20	54.00	-19.80
7206.00	Peak	42.98	5.33	48.30	74.00	-25.70
7206.00	Average	32.69	5.33	38.02	54.00	-15.98
9608.00	Peak	49.96	4.59	54.55	82.47	-27.92
9608.00	Average	46.47	4.59	51.05	79.27	-28.22

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Project No. :TM-2309000356P
Operation Band :BT EDR
Frequency :2402 MHz
Operation Mode :TX
EUT Pol :H
Setting :7

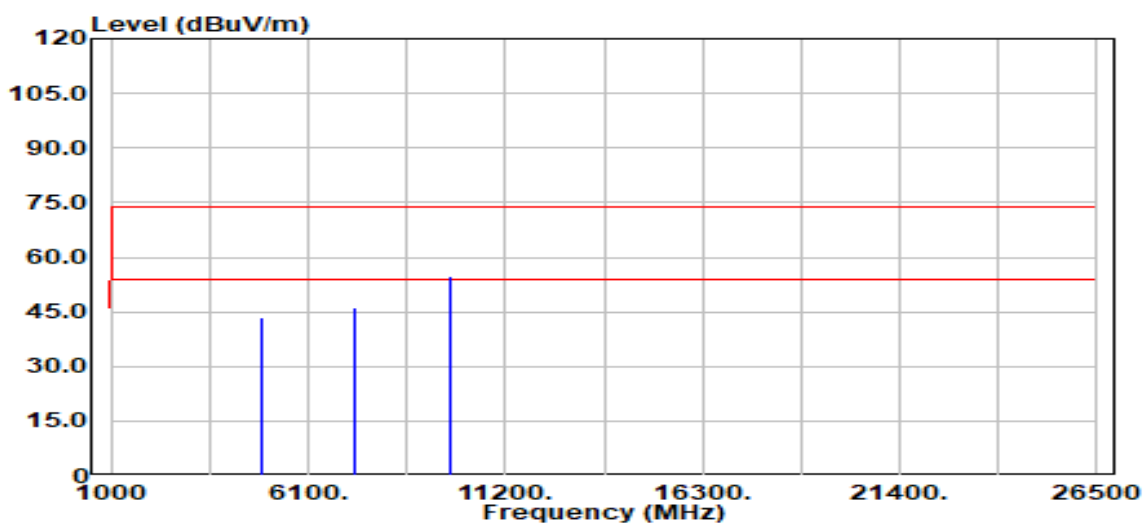
Test Date :2023-10-12
Temp./Humi. :25.3/60
Antenna Pol. :HORIZONTAL
Engineer :Czerny Lin
Test Chamber : 966D



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4804.00	Peak	41.76	0.38	42.14	74.00	-31.86
4804.00	Average	33.90	0.38	34.28	54.00	-19.72
7206.00	Peak	41.27	5.33	46.60	74.00	-27.40
7206.00	Average	32.80	5.33	38.13	54.00	-15.87
9608.00	Peak	56.08	4.59	60.67	77.15	-16.48
9608.00	Average	53.95	4.59	58.54	73.90	-15.36

Project No. :TM-2309000356P
Operation Band :BT EDR
Frequency :2441 MHz
Operation Mode :TX
EUT Pol :H
Setting :7

Test Date :2023-10-12
Temp./Humi. :25.3/60
Antenna Pol. :VERTICAL
Engineer :Czerny Lin
Test Chamber : 966D



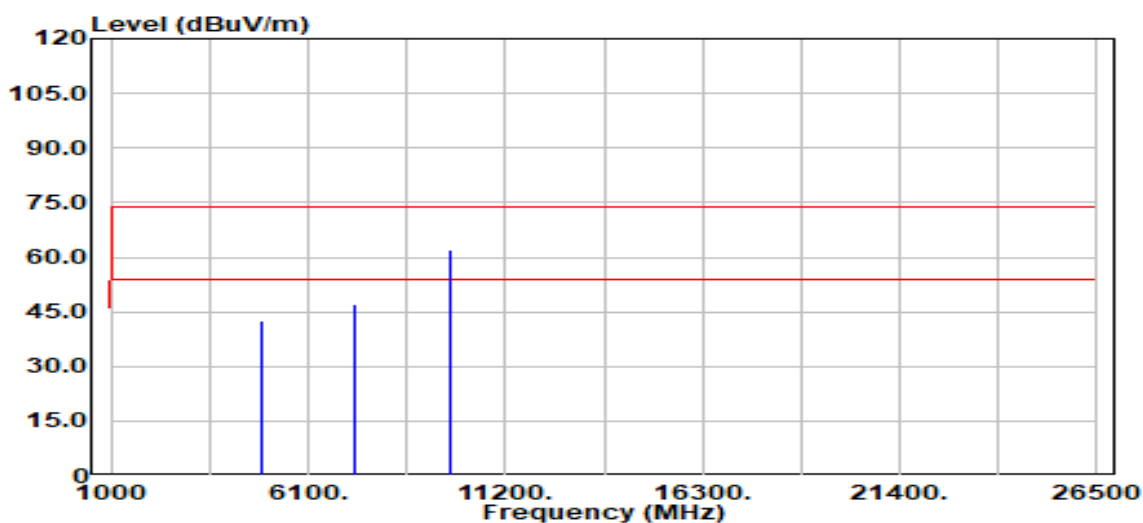
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4882.00	Peak	43.08	0.49	43.57	74.00	-30.43
4882.00	Average	33.28	0.49	33.77	54.00	-20.23
7323.00	Peak	40.74	5.48	46.22	74.00	-27.78
7323.00	Average	32.53	5.48	38.01	54.00	-15.99
9764.00	Peak	50.05	4.79	54.84	83.23	-28.39
9764.00	Average	47.65	4.79	52.44	80.00	-27.56

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Project No. :TM-2309000356P
Operation Band :BT EDR
Frequency :2441 MHz
Operation Mode :TX
EUT Pol :H
Setting :7

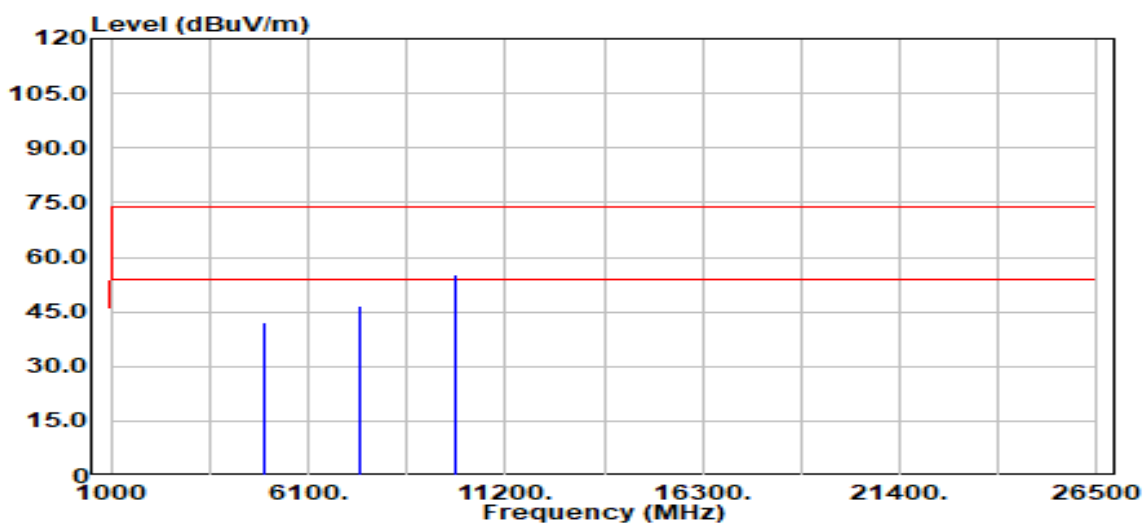
Test Date :2023-10-12
Temp./Humi. :25.3/60
Antenna Pol. :HORIZONTAL
Engineer :Czerny Lin
Test Chamber : 966D



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4882.00	Peak	42.22	0.49	42.70	74.00	-31.30
4882.00	Average	33.20	0.49	33.69	54.00	-20.31
7323.00	Peak	41.60	5.48	47.08	74.00	-26.92
7323.00	Average	32.63	5.48	38.11	54.00	-15.89
9764.00	Peak	57.33	4.79	62.12	78.14	-16.02
9764.00	Average	54.27	4.79	59.06	74.95	-15.89

Project No. :TM-2309000356P
Operation Band :BT EDR
Frequency :2480 MHz
Operation Mode :TX
EUT Pol :H
Setting :7

Test Date :2023-10-12
Temp./Humi. :25.3/60
Antenna Pol. :VERTICAL
Engineer :Czerny Lin
Test Chamber : 966D



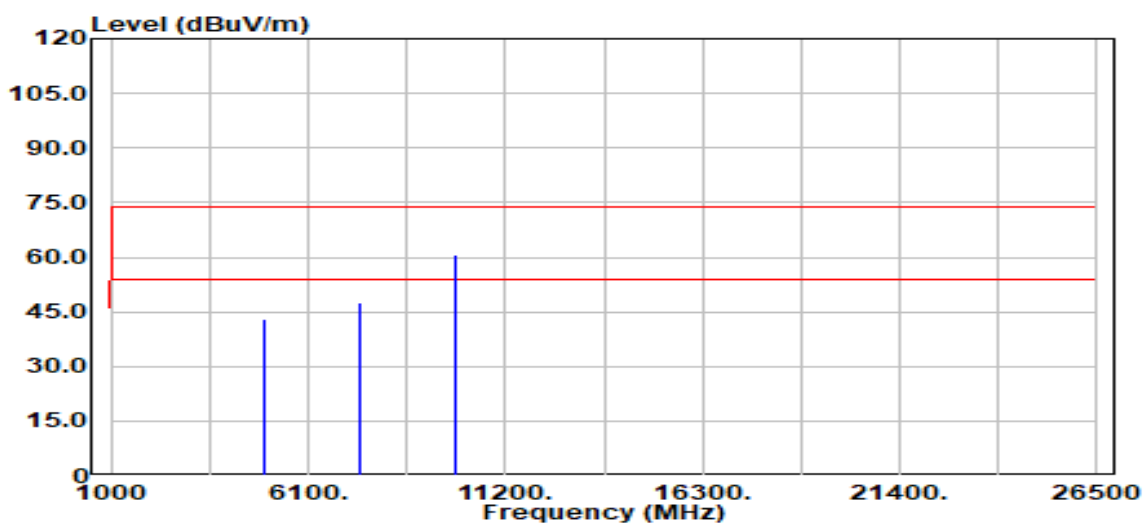
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4960.00	Peak	41.44	0.65	42.08	74.00	-31.92
4960.00	Average	33.22	0.65	33.86	54.00	-20.14
7440.00	Peak	40.89	5.56	46.45	74.00	-27.55
7440.00	Average	32.59	5.56	38.15	54.00	-15.85
9920.00	Peak	50.81	4.40	55.21	85.23	-30.02
9920.00	Average	47.44	4.40	51.84	82.29	-30.45

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Project No. :TM-2309000356P
Operation Band :BT EDR
Frequency :2480 MHz
Operation Mode :TX
EUT Pol :H
Setting :7

Test Date :2023-10-12
Temp./Humi. :25.3/60
Antenna Pol. :HORIZONTAL
Engineer :Czerny Lin
Test Chamber : 966D



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Read Level dBμV	Factor dB	Actual FS dBμV/m	Limit dBμV/m	Margin dB
4960.00	Peak	42.51	0.65	43.16	74.00	-30.84
4960.00	Average	33.32	0.65	33.96	54.00	-20.04
7440.00	Peak	41.95	5.56	47.51	74.00	-26.49
7440.00	Average	32.41	5.56	37.98	54.00	-16.02
9920.00	Peak	56.39	4.40	60.78	77.58	-16.80
9920.00	Average	53.42	4.40	57.82	74.36	-16.55

- End of Test Report -