

Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 500K

Test Date :2024-10-08

Test Frequency :2480 MHz

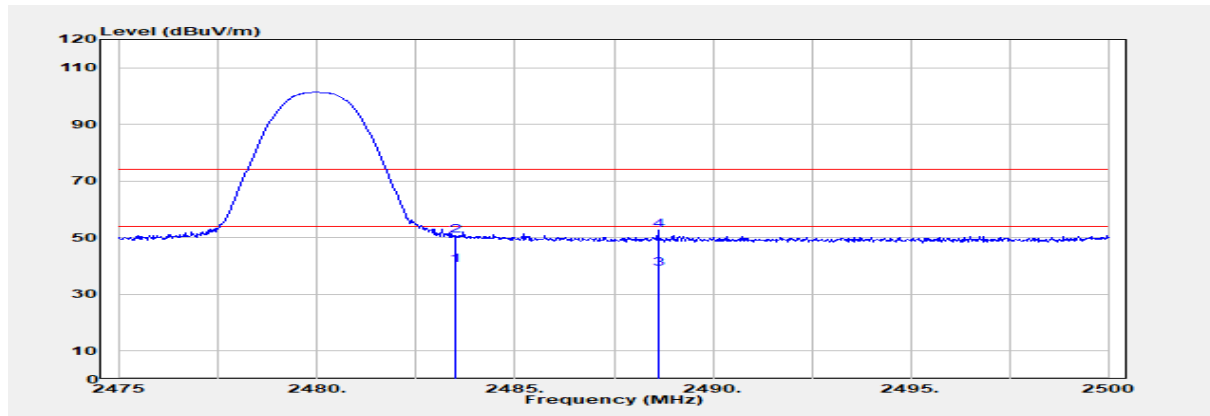
Temp./Humi. :23.3°C/67%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2483.500	Average	44.16	-3.82	40.34	54.00	-13.66
2483.500	Peak	54.47	-3.82	50.65	74.00	-23.35
2488.625	Average	42.76	-3.77	38.99	54.00	-15.01
2488.625	Peak	56.30	-3.77	52.53	74.00	-21.47

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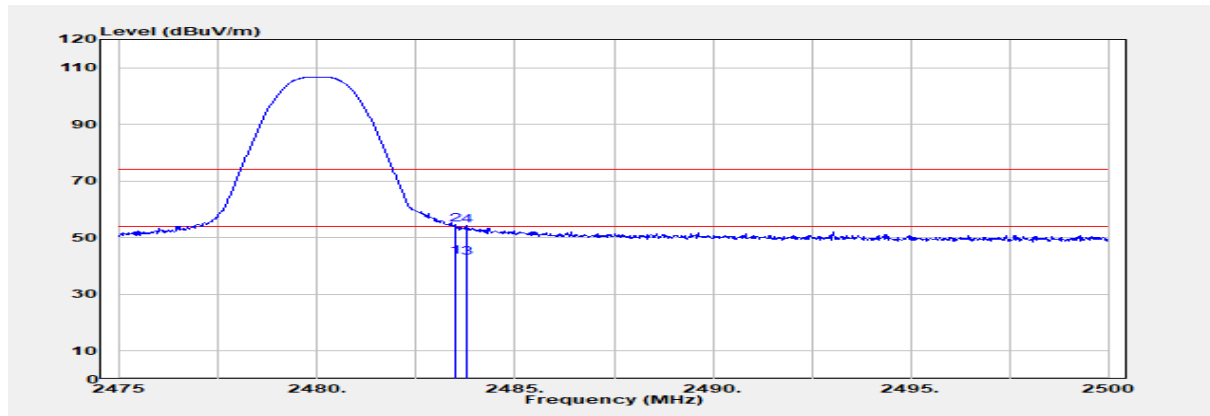
Temp./Humi. :23.3°C/67%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2483.500	Average	46.95	-3.82	43.14	54.00	-10.86
2483.500	Peak	58.41	-3.82	54.59	74.00	-19.41
2483.775	Average	46.62	-3.82	42.81	54.00	-11.19
2483.775	Peak	58.04	-3.82	54.23	74.00	-19.77

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 1M

Test Date :2024-10-09

Test Frequency :2402 MHz

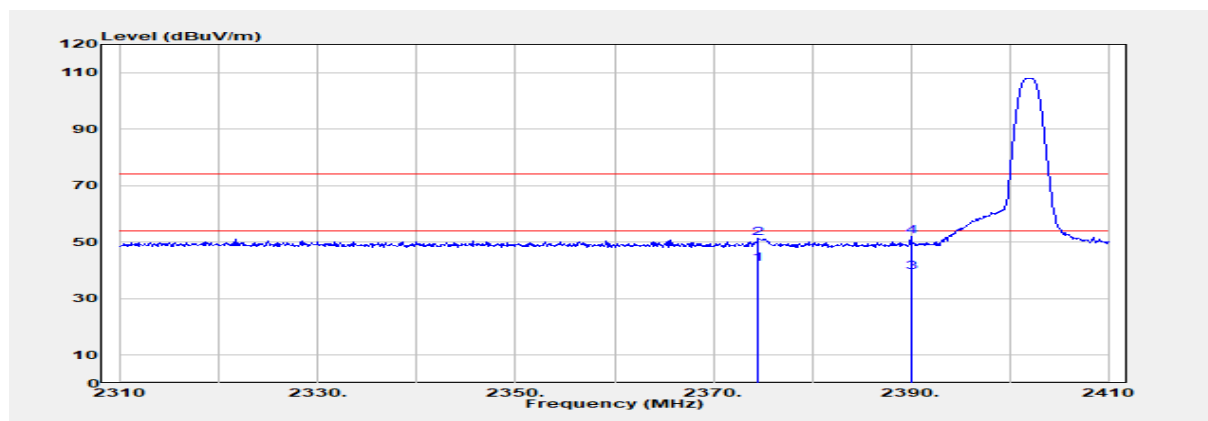
Temp./Humi. :23.3°C/67%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2374.600	Average	46.48	-4.12	42.36	54.00	-11.64
2374.600	Peak	55.46	-4.12	51.34	74.00	-22.66
2390.000	Average	43.60	-4.25	39.36	54.00	-14.64
2390.000	Peak	56.25	-4.25	52.00	74.00	-22.00

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Test Site :SAC C

Operation Mode :BLE 1M

Test Date :2024-10-09

Test Frequency :2402 MHz

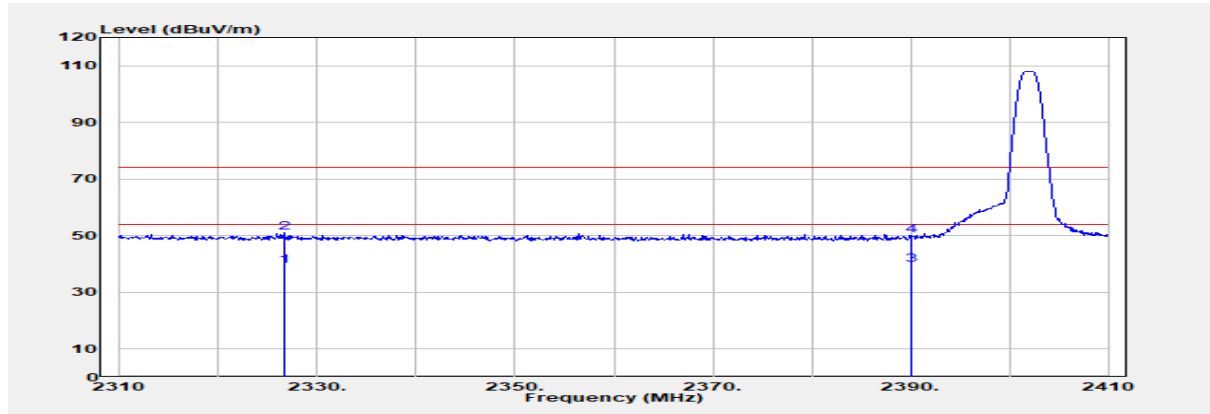
Temp./Humi. :23.3°C/67%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2326.600	Average	43.28	-3.78	39.49	54.00	-14.51
2326.600	Peak	54.75	-3.78	50.96	74.00	-23.04
2390.000	Average	44.02	-4.25	39.77	54.00	-14.23
2390.000	Peak	54.19	-4.25	49.94	74.00	-24.06

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 1M

Test Date :2024-10-09

Test Frequency :2480 MHz

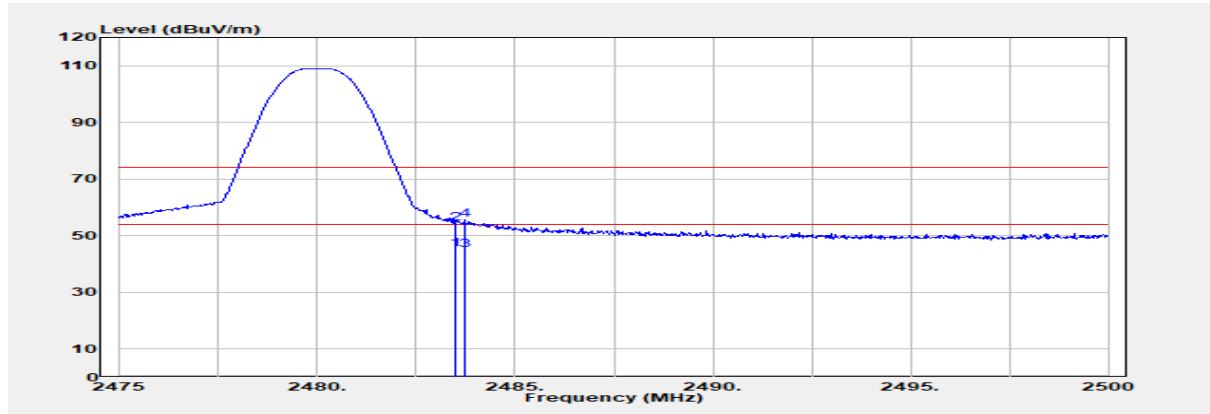
Temp./Humi. :23.3°C/67%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2483.500	Average	48.99	-3.82	45.17	54.00	-8.83
2483.500	Peak	58.05	-3.82	54.23	74.00	-19.77
2483.725	Average	48.55	-3.82	44.73	54.00	-9.27
2483.725	Peak	59.51	-3.82	55.69	74.00	-18.31

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 1M

Test Date :2024-10-09

Test Frequency :2480 MHz

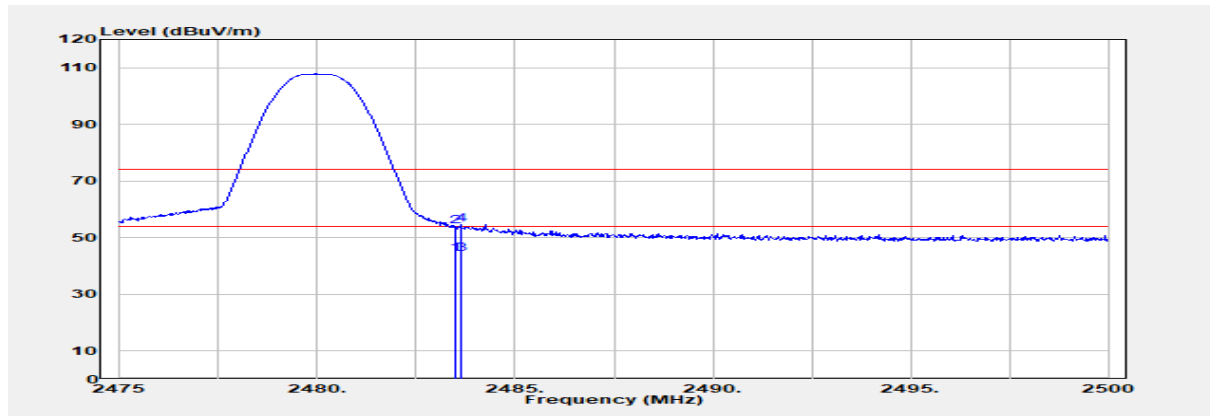
Temp./Humi. :23.3°C/67%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2483.500	Average	48.09	-3.82	44.27	54.00	-9.73
2483.500	Peak	57.95	-3.82	54.13	74.00	-19.87
2483.625	Average	47.94	-3.82	44.12	54.00	-9.88
2483.625	Peak	58.50	-3.82	54.68	74.00	-19.32

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 2M

Test Date :2024-10-09

Test Frequency :2402 MHz

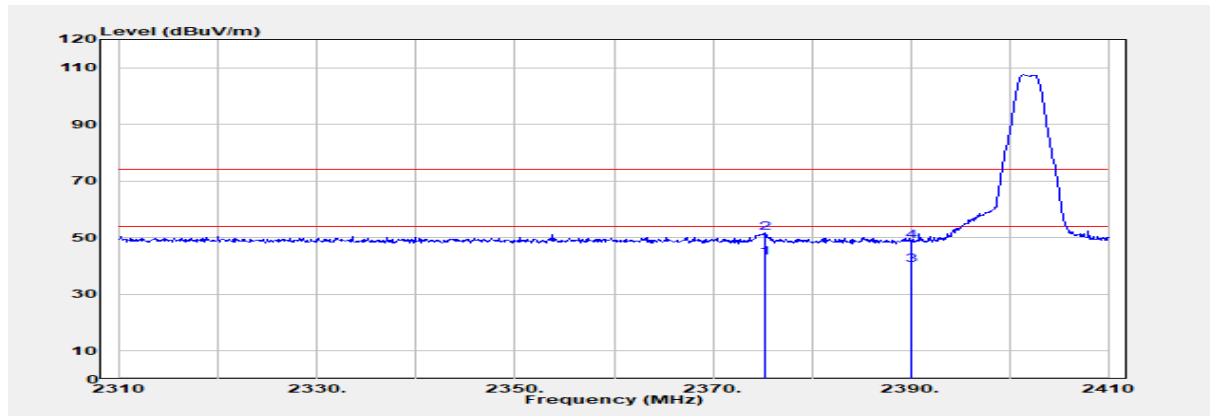
Temp./Humi. :23.3°C/67%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2375.200	Average	47.07	-4.13	42.94	54.00	-11.06
2375.200	Peak	55.88	-4.13	51.75	74.00	-22.25
2390.000	Average	44.43	-4.25	40.18	54.00	-13.82
2390.000	Peak	52.96	-4.25	48.71	74.00	-25.29

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Test Site :SAC C

Operation Mode :BLE 2M

Test Date :2024-10-09

Test Frequency :2402 MHz

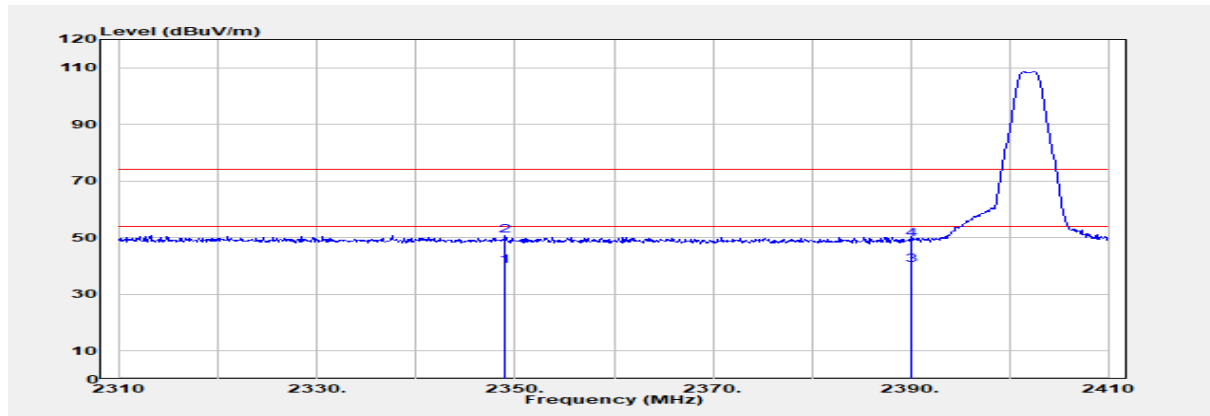
Temp./Humi. :23.3°C/67%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2349.000	Average	43.79	-3.91	39.88	54.00	-14.12
2349.000	Peak	54.80	-3.91	50.89	74.00	-23.11
2390.000	Average	44.47	-4.25	40.23	54.00	-13.77
2390.000	Peak	53.52	-4.25	49.27	74.00	-24.73

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Test Site :SAC C

Operation Mode :BLE 2M

Test Date :2024-10-09

Test Frequency :2480 MHz

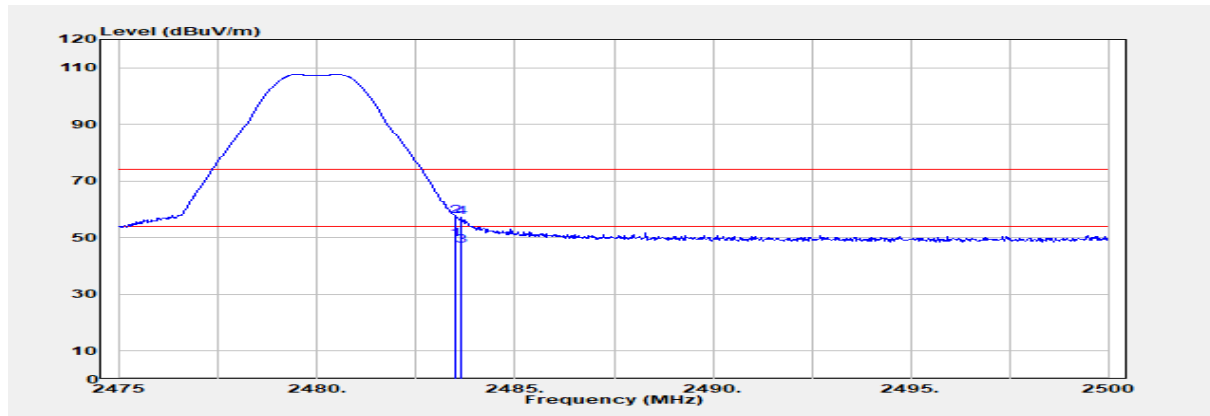
Temp./Humi. :23.3°C/67%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2483.500	Average	53.35	-3.82	49.53	54.00	-4.47
2483.500	Peak	61.24	-3.82	57.42	74.00	-16.58
2483.650	Average	51.03	-3.82	47.21	54.00	-6.79
2483.650	Peak	61.08	-3.82	57.26	74.00	-16.74

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Test Site :SAC C

Operation Mode :BLE 2M

Test Date :2024-10-09

Test Frequency :2480 MHz

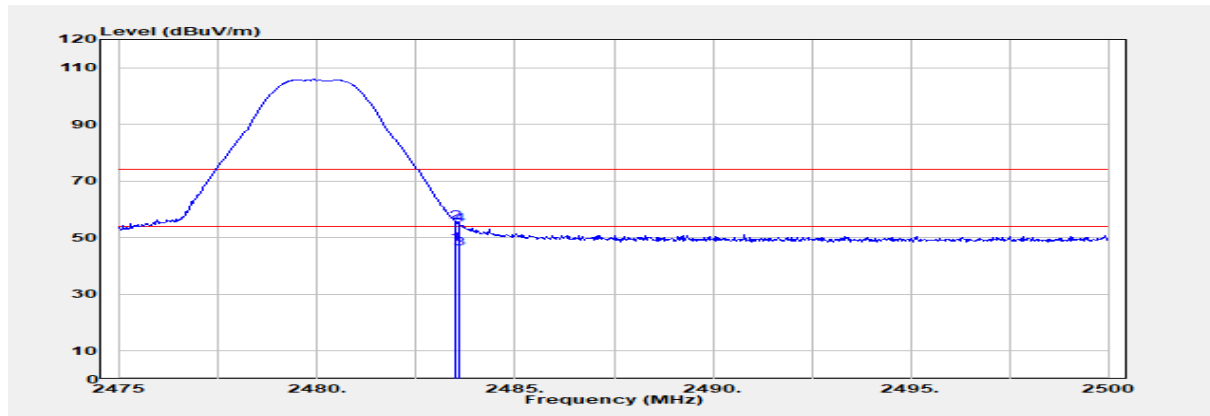
Temp./Humi. :23.3°C/67%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Alex Li



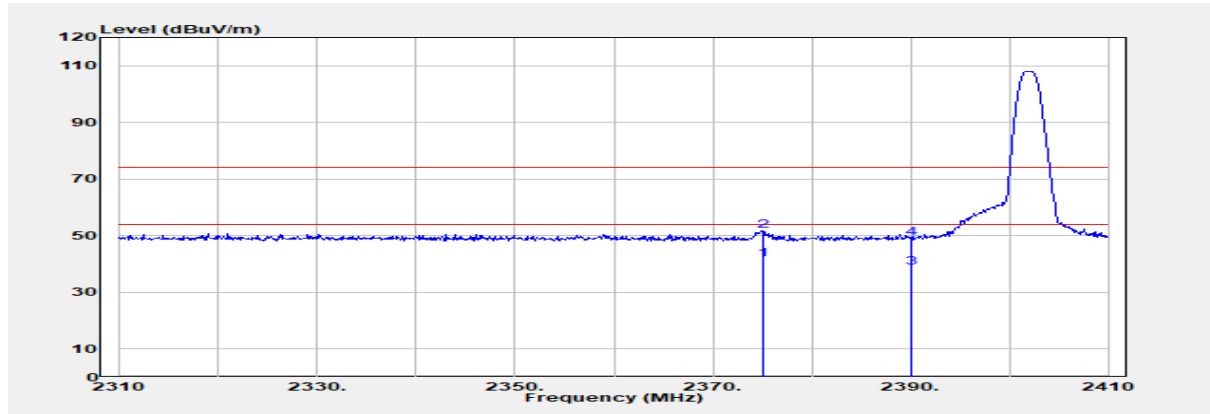
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.500	Average	51.63	-3.82	47.81	54.00	-6.19
2483.500	Peak	59.34	-3.82	55.52	74.00	-18.48
2483.600	Average	50.07	-3.82	46.25	54.00	-7.75
2483.600	Peak	58.35	-3.82	54.53	74.00	-19.47

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Report Number :TERF2410002915E2
Operation Mode :BLE 125K
Test Frequency :2402 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC C
Test Date :2024-10-09
Temp./Humi. :23.3°C/67%
Antenna Pol. :Vertical
Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2375.100	Average	45.60	-4.13	41.47	54.00	-12.53
2375.100	Peak	55.98	-4.13	51.85	74.00	-22.15
2390.000	Average	42.96	-4.25	38.71	54.00	-15.29
2390.000	Peak	53.35	-4.25	49.10	74.00	-24.90

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Test Site :SAC C

Operation Mode :BLE 125K

Test Date :2024-10-09

Test Frequency :2402 MHz

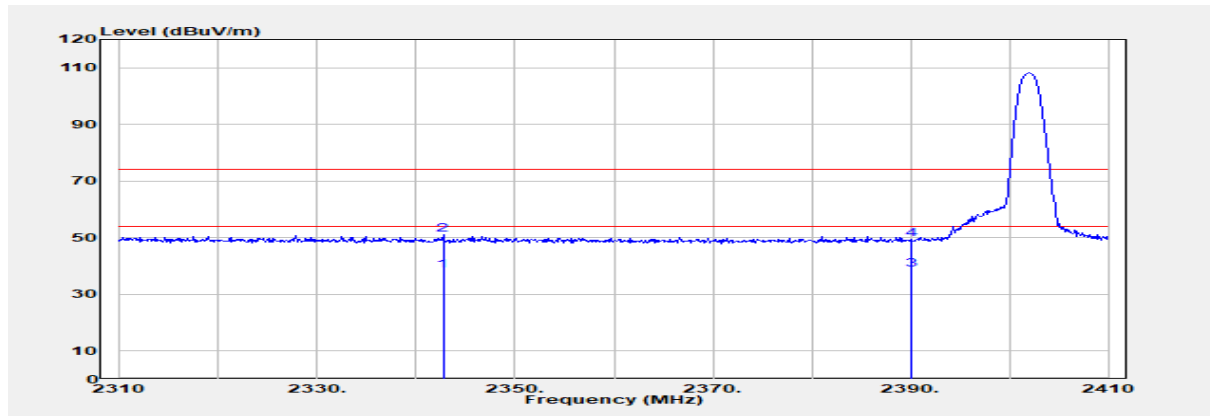
Temp./Humi. :23.3°C/67%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2342.700	Average	42.30	-3.88	38.42	54.00	-15.58
2342.700	Peak	54.82	-3.88	50.94	74.00	-23.06
2390.000	Average	42.82	-4.25	38.57	54.00	-15.43
2390.000	Peak	53.70	-4.25	49.45	74.00	-24.55

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 125K

Test Date :2024-10-09

Test Frequency :2480 MHz

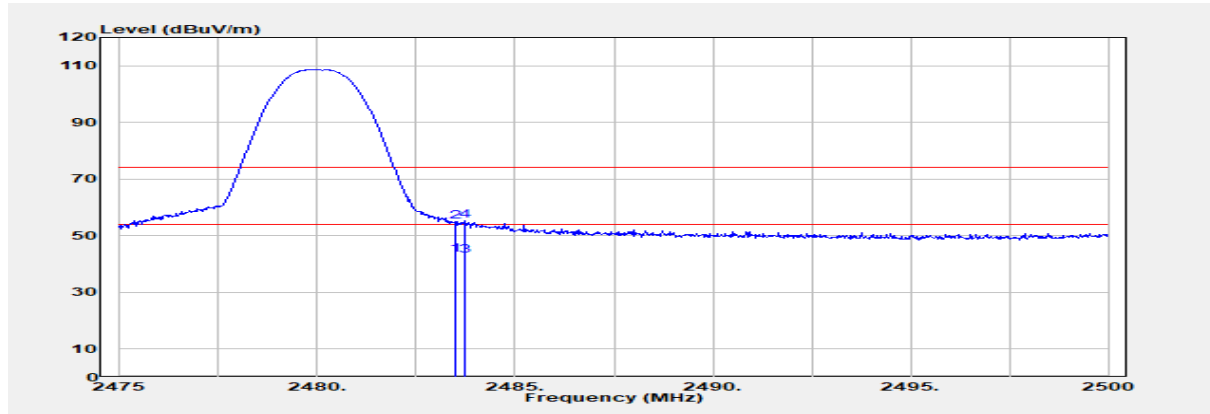
Temp./Humi. :23.3°C/67%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2483.500	Average	47.05	-3.82	43.23	54.00	-10.77
2483.500	Peak	58.74	-3.82	54.92	74.00	-19.08
2483.750	Average	46.70	-3.82	42.88	54.00	-11.12
2483.750	Peak	59.02	-3.82	55.20	74.00	-18.80

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 125K

Test Date :2024-10-09

Test Frequency :2480 MHz

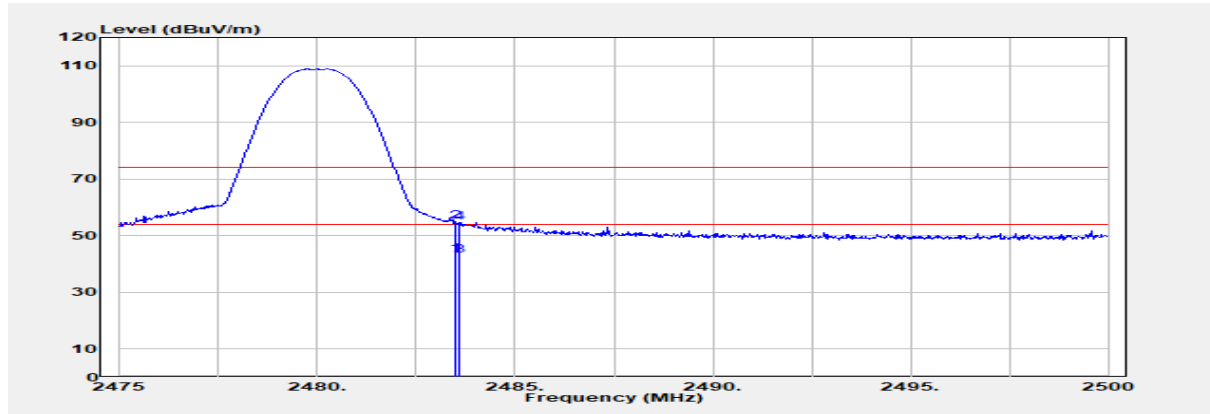
Temp./Humi. :23.3°C/67%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2483.500	Average	46.97	-3.82	43.15	54.00	-10.85
2483.500	Peak	58.67	-3.82	54.85	74.00	-19.15
2483.600	Average	46.75	-3.82	42.93	54.00	-11.07
2483.600	Peak	58.58	-3.82	54.76	74.00	-19.24

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 500K

Test Date :2024-10-09

Test Frequency :2402 MHz

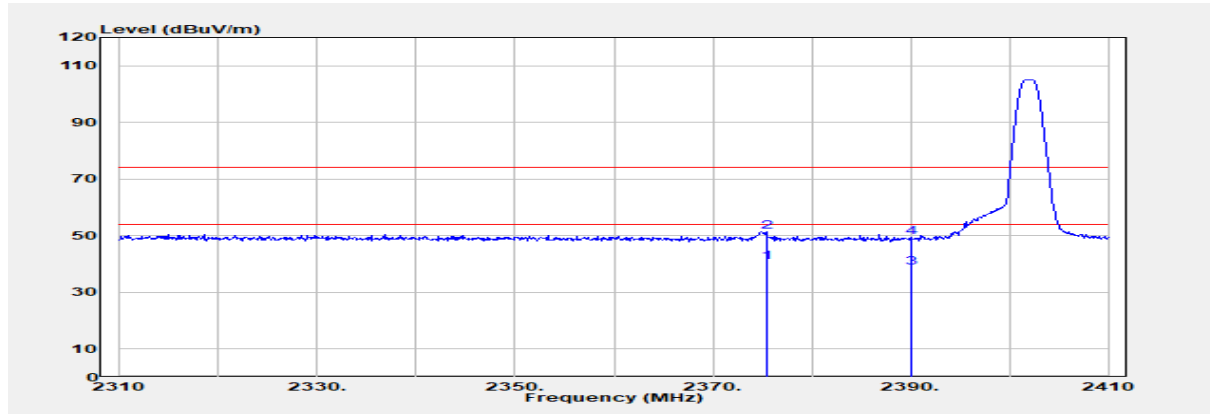
Temp./Humi. :23.3°C/67%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2375.400	Average	44.75	-4.13	40.62	54.00	-13.38
2375.400	Peak	55.51	-4.13	51.38	74.00	-22.62
2390.000	Average	42.79	-4.25	38.54	54.00	-15.46
2390.000	Peak	53.83	-4.25	49.58	74.00	-24.42

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 500K

Test Date :2024-10-09

Test Frequency :2402 MHz

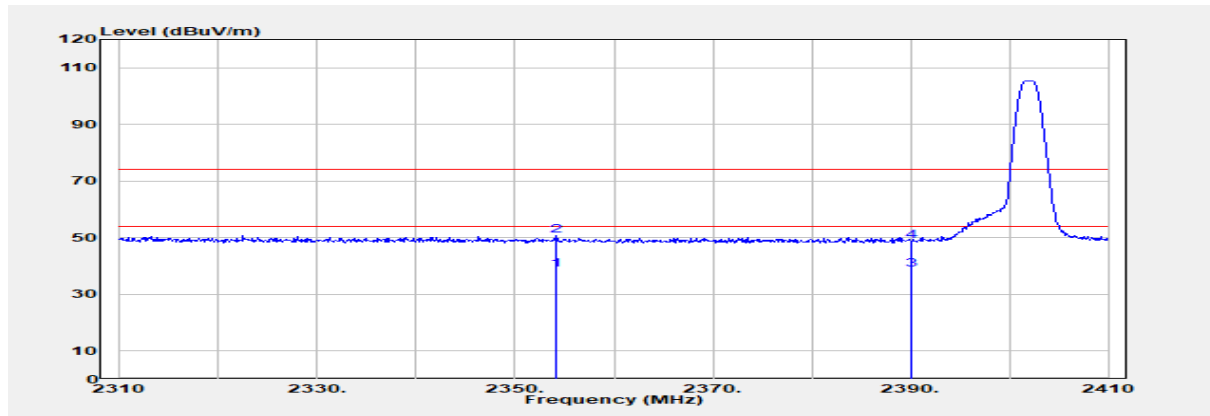
Temp./Humi. :23.3°C/67%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2354.200	Average	42.53	-3.95	38.58	54.00	-15.42
2354.200	Peak	54.68	-3.95	50.73	74.00	-23.27
2390.000	Average	42.89	-4.25	38.65	54.00	-15.35
2390.000	Peak	53.13	-4.25	48.88	74.00	-25.12

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 500K

Test Date :2024-10-09

Test Frequency :2480 MHz

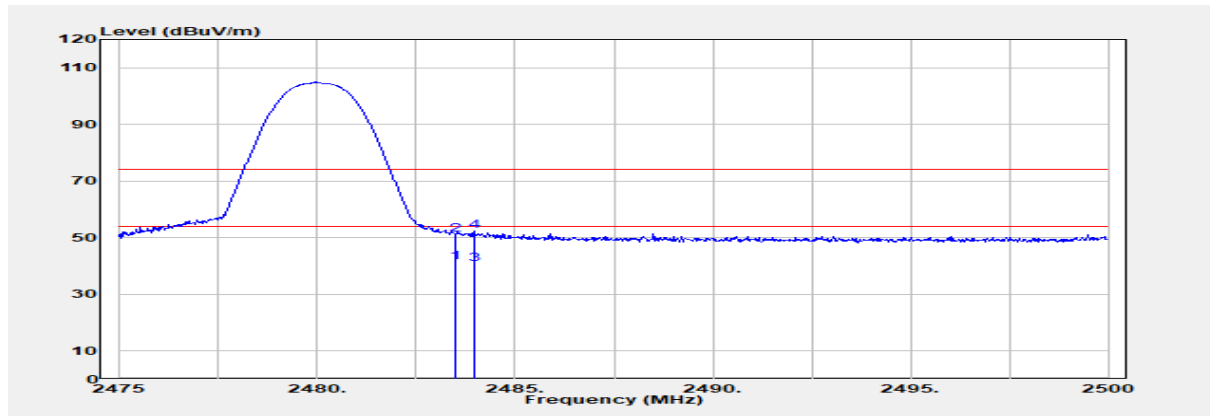
Temp./Humi. :23.3°C/67%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2483.500	Average	44.99	-3.82	41.17	54.00	-12.83
2483.500	Peak	54.77	-3.82	50.95	74.00	-23.05
2483.950	Average	44.58	-3.82	40.76	54.00	-13.24
2483.950	Peak	56.05	-3.82	52.24	74.00	-21.76

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 500K

Test Date :2024-10-09

Test Frequency :2480 MHz

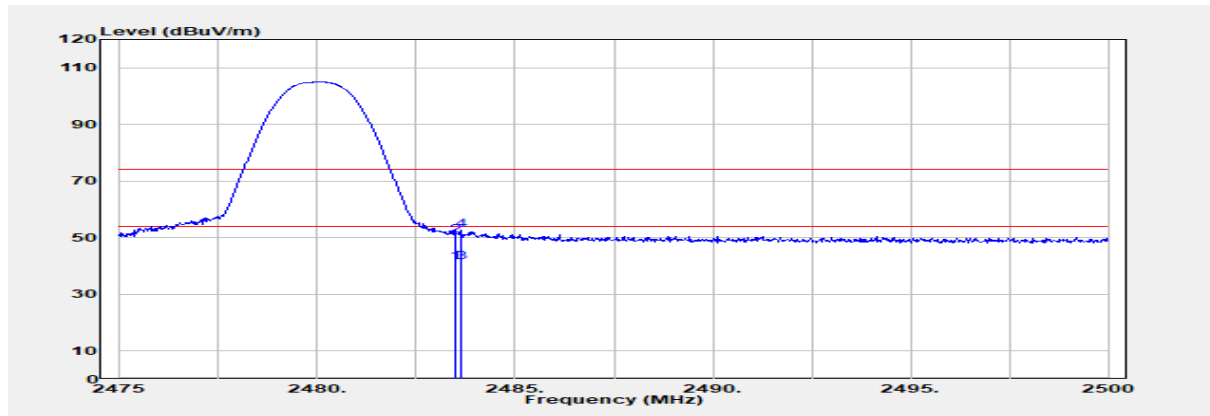
Temp./Humi. :23.3°C/67%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2483.500	Average	45.05	-3.82	41.23	54.00	-12.77
2483.500	Peak	54.58	-3.82	50.76	74.00	-23.24
2483.625	Average	45.02	-3.82	41.20	54.00	-12.80
2483.625	Peak	56.53	-3.82	52.71	74.00	-21.29

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11.4.2 Radiated Spurious Emission

External Antenna

Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 1M

Test Date :2024-10-17

Test Frequency :2442 MHz

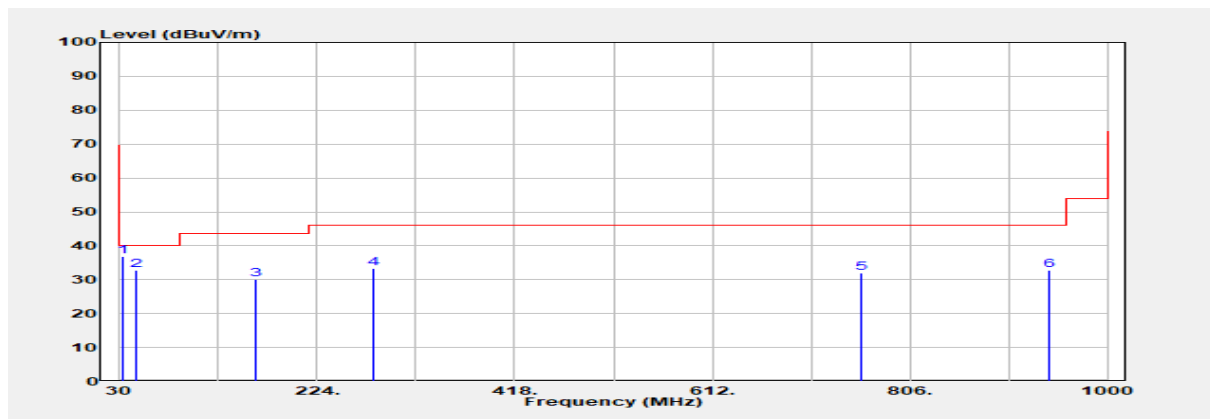
Temp./Humi. :20.6°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Alex Li



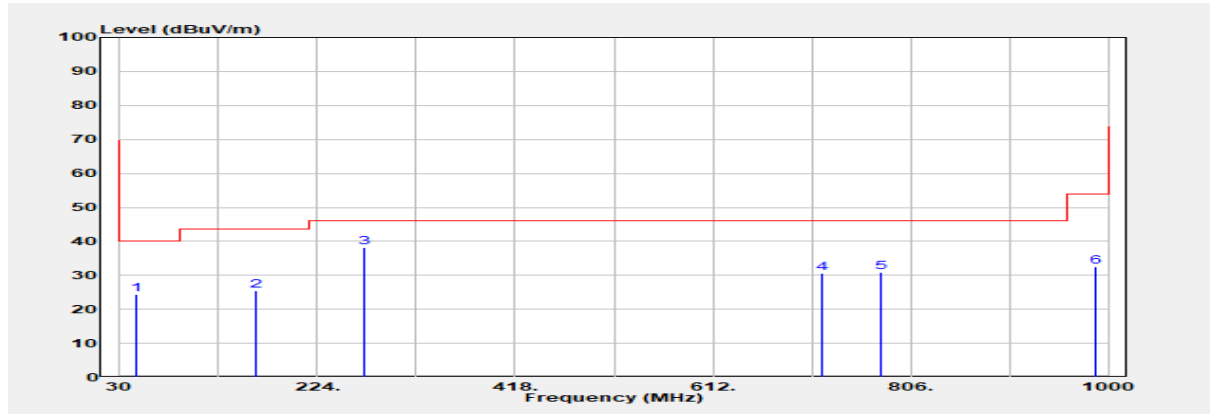
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
33.880	QP	49.70	-12.93	36.77	40.00	-3.23
46.490	Peak	44.11	-11.32	32.79	40.00	-7.21
162.890	Peak	41.57	-11.53	30.04	43.50	-13.46
279.290	Peak	44.29	-11.08	33.21	46.00	-12.79
757.500	Peak	31.99	-0.15	31.84	46.00	-14.16
943.740	Peak	30.88	1.98	32.86	46.00	-13.14

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Report Number :TERF2410002915E2
Operation Mode :BLE 1M
Test Frequency :2442 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC C
Test Date :2024-10-17
Temp./Humi. :20.6°C/61%
Antenna Pol. :Horizontal
Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
46.490	Peak	35.81	-11.32	24.49	40.00	-15.51
162.890	Peak	36.95	-11.53	25.42	43.50	-18.08
269.590	Peak	49.70	-11.49	38.21	46.00	-7.79
719.670	Peak	31.72	-1.16	30.56	46.00	-15.44
777.870	Peak	30.95	-0.03	30.92	46.00	-15.08
987.390	Peak	30.48	1.97	32.45	54.00	-21.55

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 1M

Test Date :2024-10-08

Test Frequency :2402 MHz

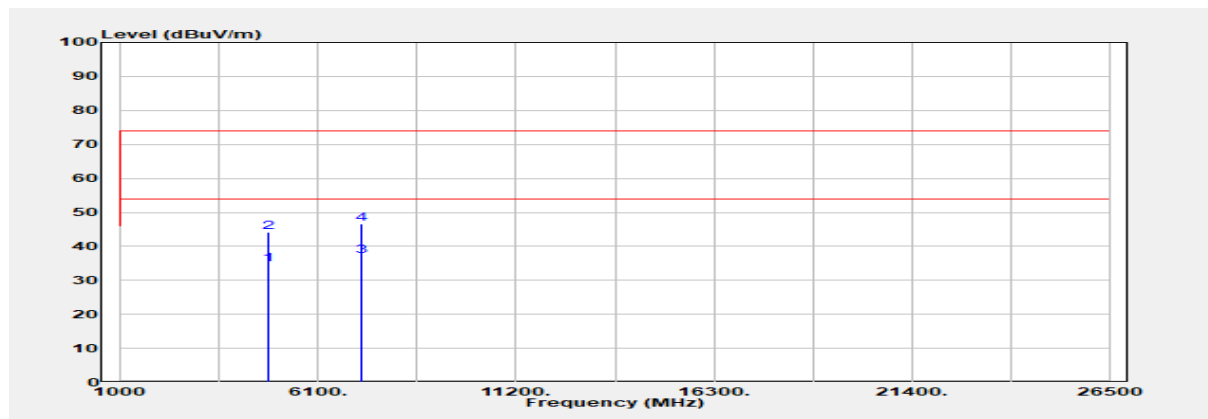
Temp./Humi. :23.3°C/67%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4804.000	Average	33.90	0.66	34.55	54.00	-19.45
4804.000	Peak	43.46	0.66	44.11	74.00	-29.89
7206.000	Average	30.21	6.89	37.11	54.00	-16.89
7206.000	Peak	39.58	6.89	46.48	74.00	-27.52

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 1M

Test Date :2024-10-08

Test Frequency :2402 MHz

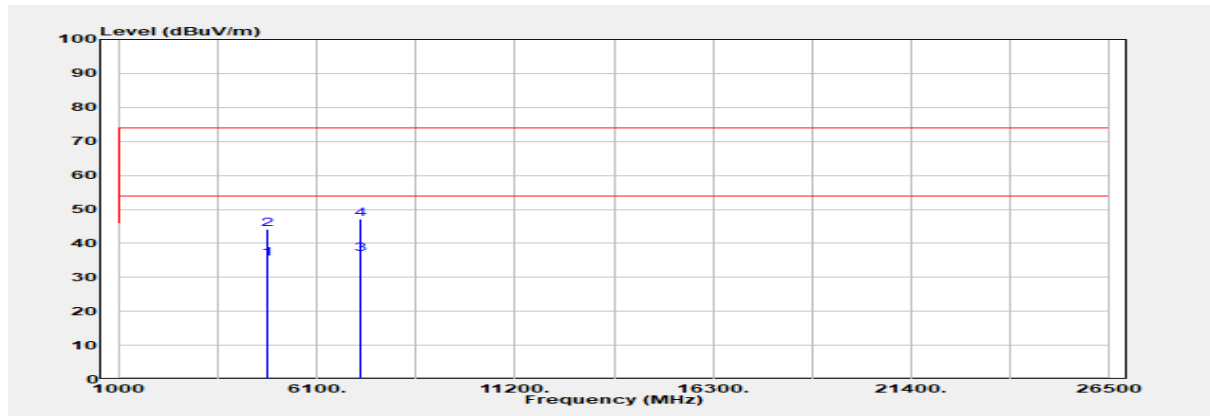
Temp./Humi. :23.3°C/67%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4804.000	Average	34.81	0.66	35.46	54.00	-18.54
4804.000	Peak	43.48	0.66	44.14	74.00	-29.86
7206.000	Average	29.98	6.89	36.87	54.00	-17.13
7206.000	Peak	40.37	6.89	47.26	74.00	-26.74

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 1M

Test Date :2024-10-08

Test Frequency :2442 MHz

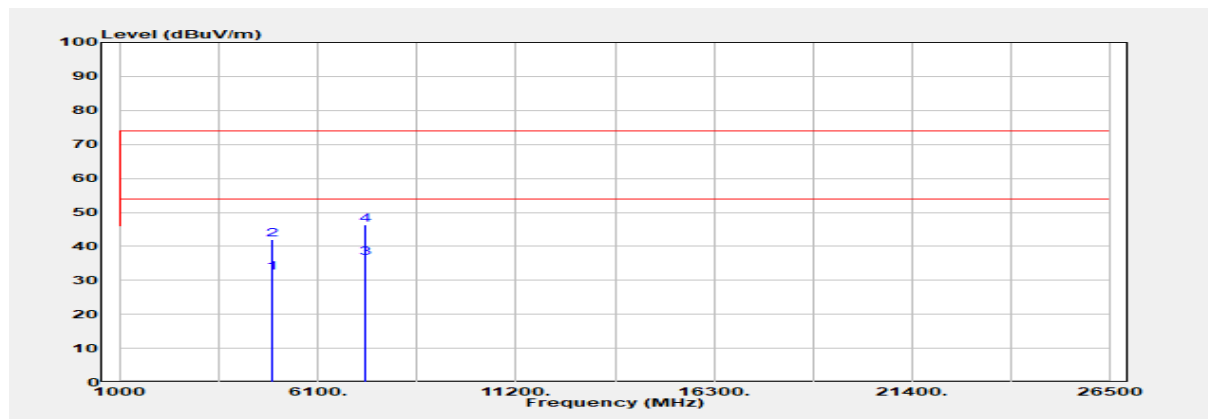
Temp./Humi. :23.3°C/67%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4884.000	Average	31.84	0.41	32.25	54.00	-21.75
4884.000	Peak	41.68	0.41	42.09	74.00	-31.91
7326.000	Average	30.27	6.38	36.65	54.00	-17.35
7326.000	Peak	40.07	6.38	46.45	74.00	-27.55

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 1M

Test Date :2024-10-08

Test Frequency :2442 MHz

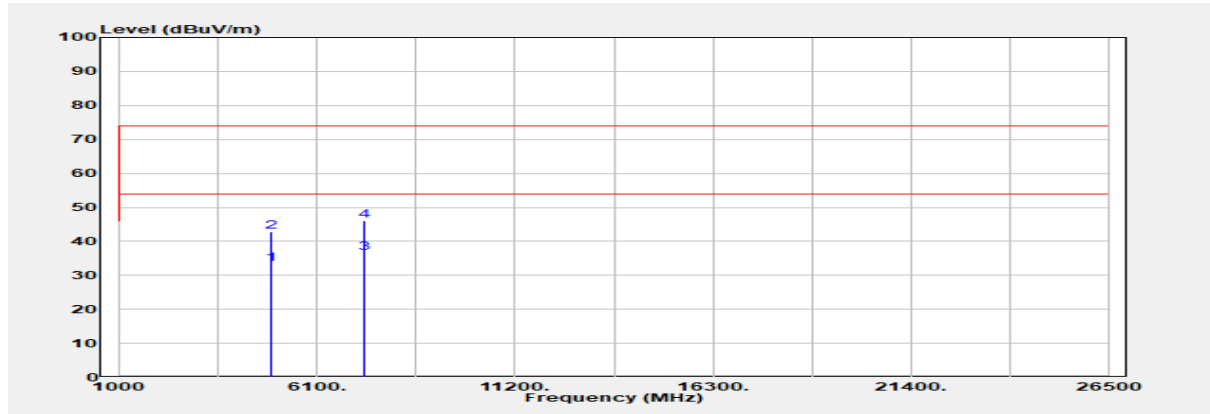
Temp./Humi. :23.3°C/67%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4884.000	Average	32.90	0.41	33.31	54.00	-20.69
4884.000	Peak	42.46	0.41	42.87	74.00	-31.13
7326.000	Average	30.12	6.38	36.50	54.00	-17.50
7326.000	Peak	39.57	6.38	45.95	74.00	-28.05

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 1M

Test Date :2024-10-08

Test Frequency :2480 MHz

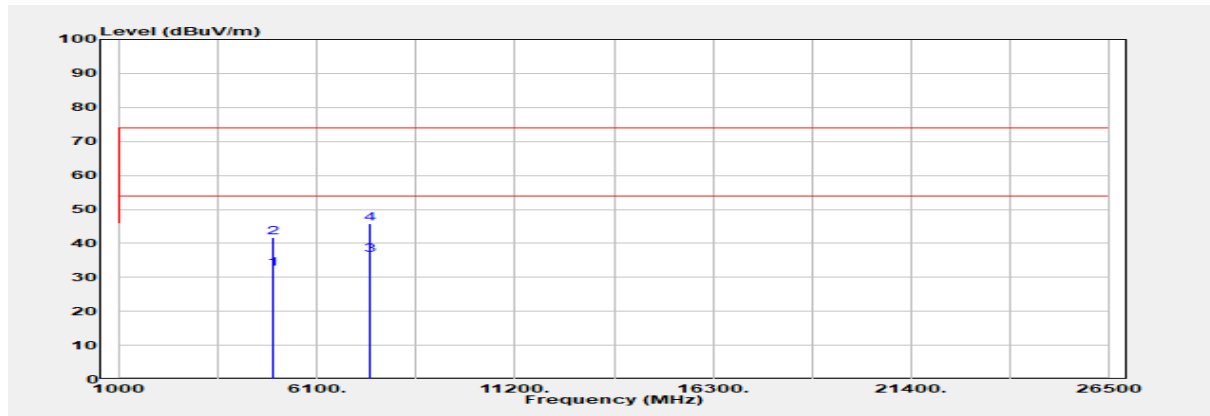
Temp./Humi. :23.3°C/67%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4960.000	Average	31.70	0.70	32.40	54.00	-21.60
4960.000	Peak	41.10	0.70	41.80	74.00	-32.20
7440.000	Average	30.13	6.52	36.65	54.00	-17.35
7440.000	Peak	39.37	6.52	45.89	74.00	-28.11

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 1M

Test Date :2024-10-08

Test Frequency :2480 MHz

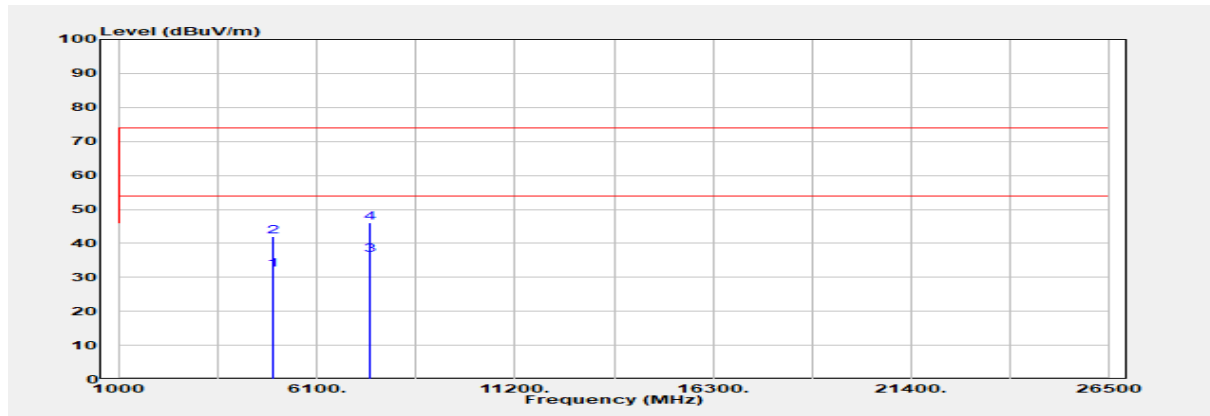
Temp./Humi. :23.3°C/67%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4960.000	Average	31.59	0.70	32.28	54.00	-21.72
4960.000	Peak	41.32	0.70	42.02	74.00	-31.98
7440.000	Average	30.17	6.52	36.69	54.00	-17.31
7440.000	Peak	39.59	6.52	46.11	74.00	-27.89

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 2M

Test Date :2024-10-08

Test Frequency :2402 MHz

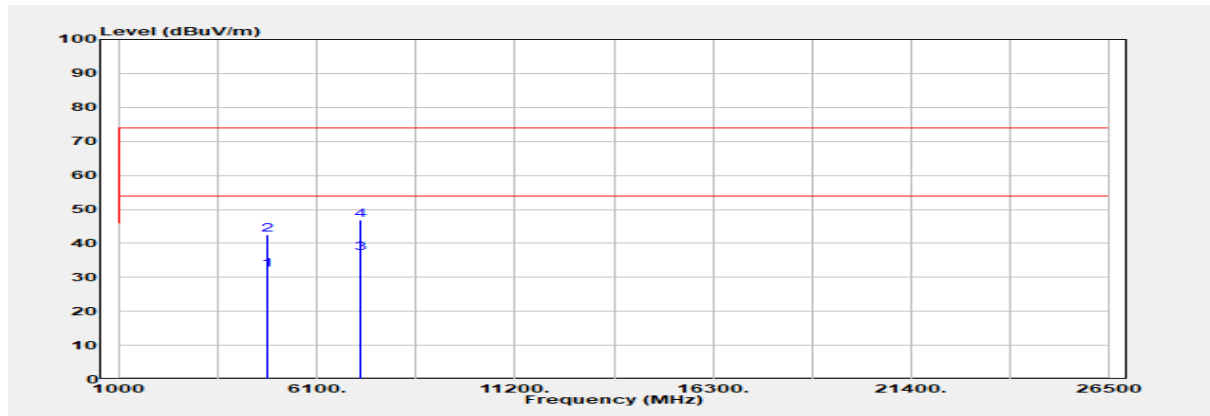
Temp./Humi. :23.3°C/67%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4804.000	Average	31.47	0.66	32.13	54.00	-21.87
4804.000	Peak	41.87	0.66	42.53	74.00	-31.47
7206.000	Average	30.23	6.89	37.12	54.00	-16.88
7206.000	Peak	39.89	6.89	46.79	74.00	-27.21

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 2M

Test Date :2024-10-08

Test Frequency :2402 MHz

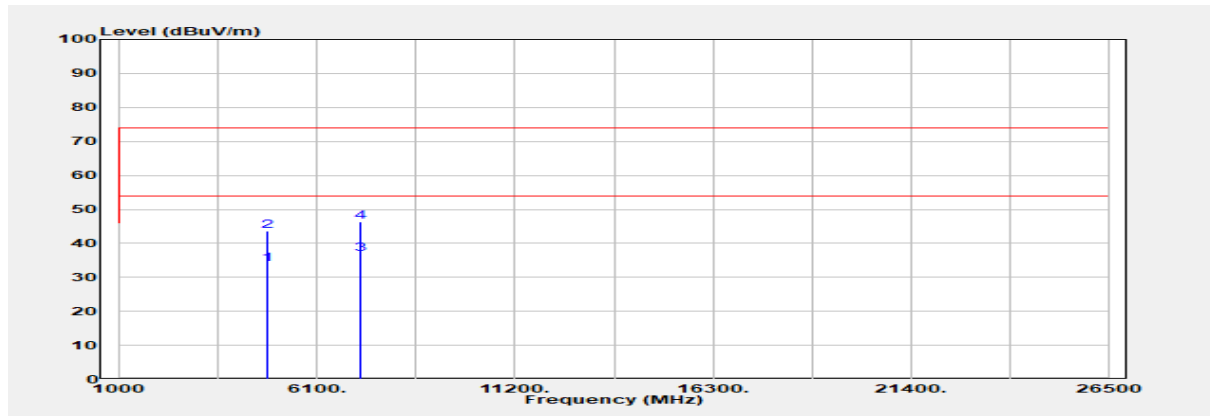
Temp./Humi. :23.3°C/67%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4804.000	Average	33.25	0.66	33.91	54.00	-20.09
4804.000	Peak	42.92	0.66	43.58	74.00	-30.42
7206.000	Average	30.05	6.89	36.94	54.00	-17.06
7206.000	Peak	39.34	6.89	46.24	74.00	-27.76

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 2M

Test Date :2024-10-08

Test Frequency :2442 MHz

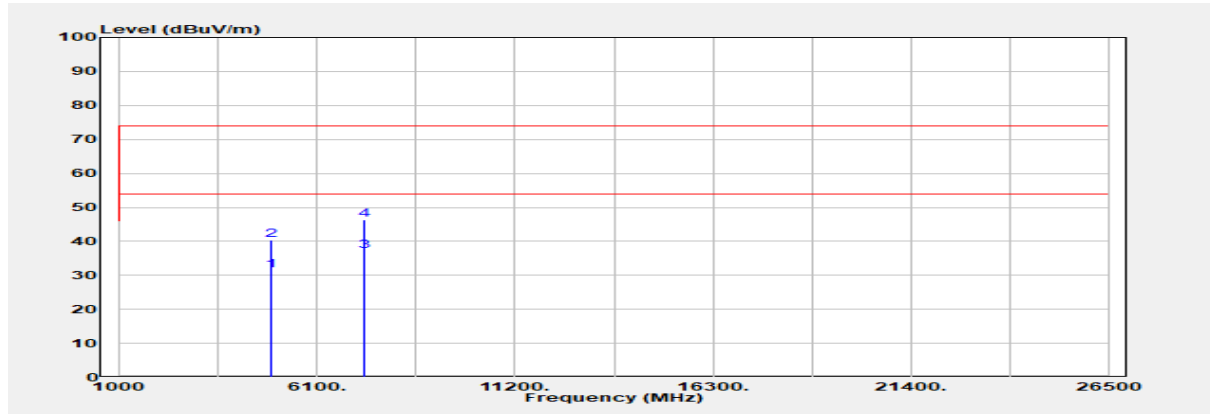
Temp./Humi. :23.3°C/67%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4884.000	Average	31.15	0.41	31.56	54.00	-22.44
4884.000	Peak	40.08	0.41	40.49	74.00	-33.51
7326.000	Average	30.75	6.38	37.12	54.00	-16.88
7326.000	Peak	39.94	6.38	46.32	74.00	-27.68

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 2M

Test Date :2024-10-08

Test Frequency :2442 MHz

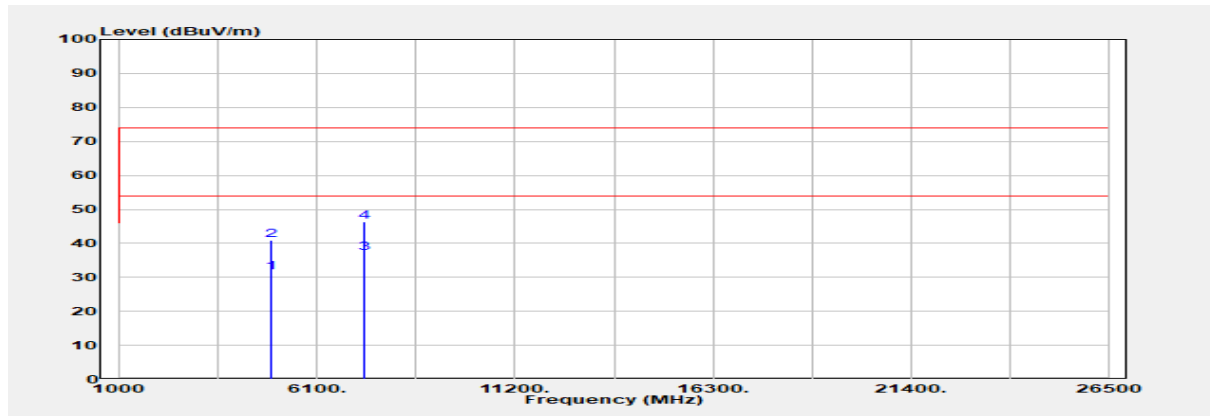
Temp./Humi. :23.3°C/67%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4884.000	Average	31.10	0.41	31.51	54.00	-22.49
4884.000	Peak	40.49	0.41	40.90	74.00	-33.10
7326.000	Average	30.67	6.38	37.05	54.00	-16.95
7326.000	Peak	39.85	6.38	46.23	74.00	-27.77

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 2M

Test Date :2024-10-16

Test Frequency :2480 MHz

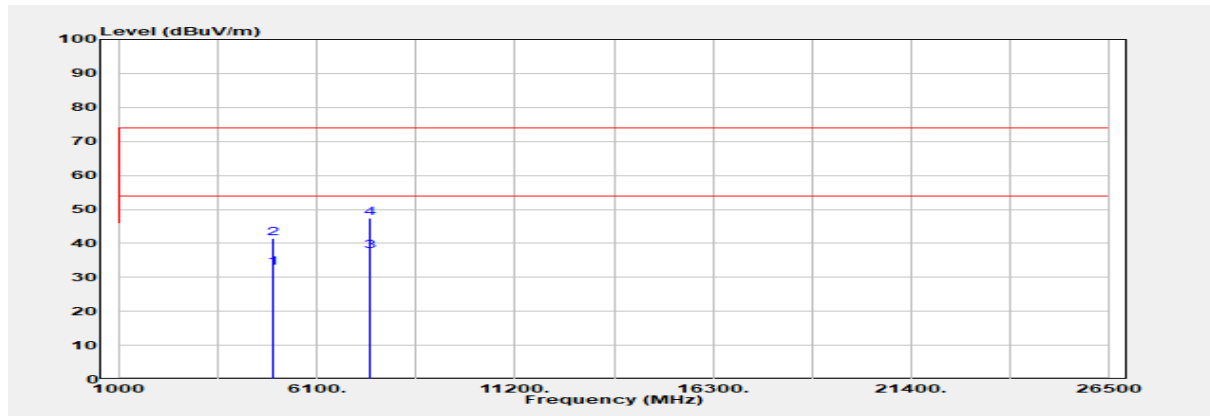
Temp./Humi. :20.6°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4960.000	Average	32.10	0.70	32.80	54.00	-21.20
4960.000	Peak	40.88	0.70	41.57	74.00	-32.43
7440.000	Average	31.20	6.52	37.71	54.00	-16.29
7440.000	Peak	41.00	6.52	47.51	74.00	-26.49

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 2M

Test Date :2024-10-16

Test Frequency :2480 MHz

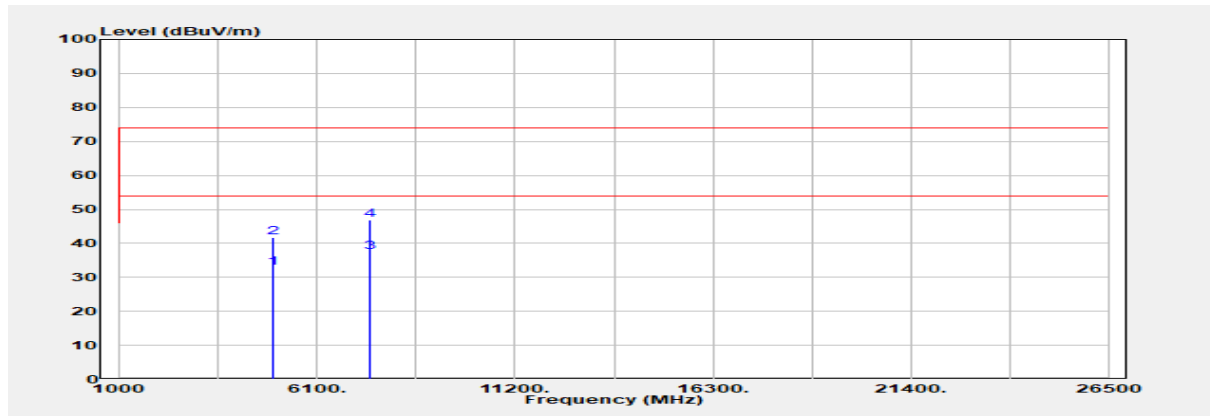
Temp./Humi. :20.6°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Alex Li



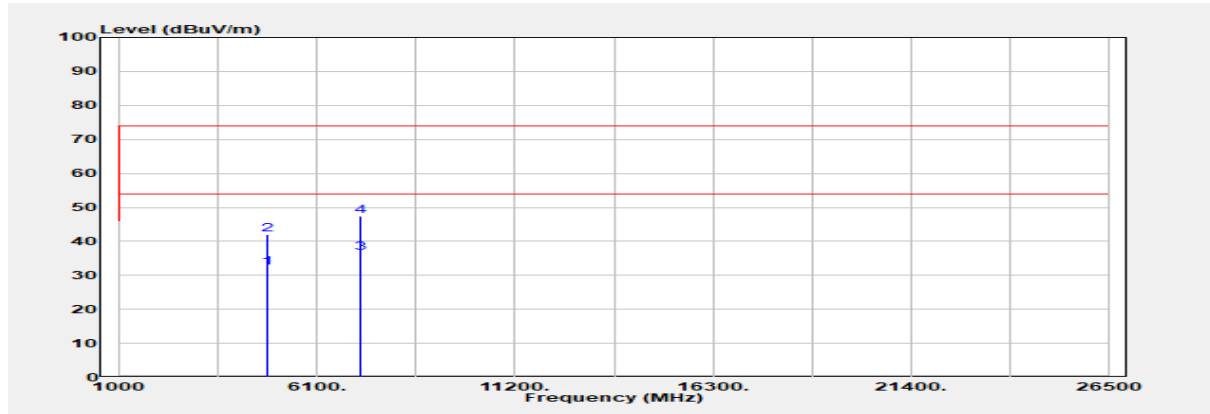
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4960.000	Average	32.12	0.70	32.82	54.00	-21.18
4960.000	Peak	41.13	0.70	41.83	74.00	-32.17
7440.000	Average	30.93	6.52	37.45	54.00	-16.55
7440.000	Peak	40.24	6.52	46.75	74.00	-27.25

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Report Number :TERF2410002915E2
Operation Mode :BLE 125K
Test Frequency :2402 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC C
Test Date :2024-10-16
Temp./Humi. :20.6°C/61%
Antenna Pol. :Vertical
Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4804.000	Average	31.54	0.66	32.19	54.00	-21.81
4804.000	Peak	41.40	0.66	42.05	74.00	-31.95
7206.000	Average	29.82	6.89	36.72	54.00	-17.28
7206.000	Peak	40.58	6.89	47.47	74.00	-26.53

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 125K

Test Date :2024-10-16

Test Frequency :2402 MHz

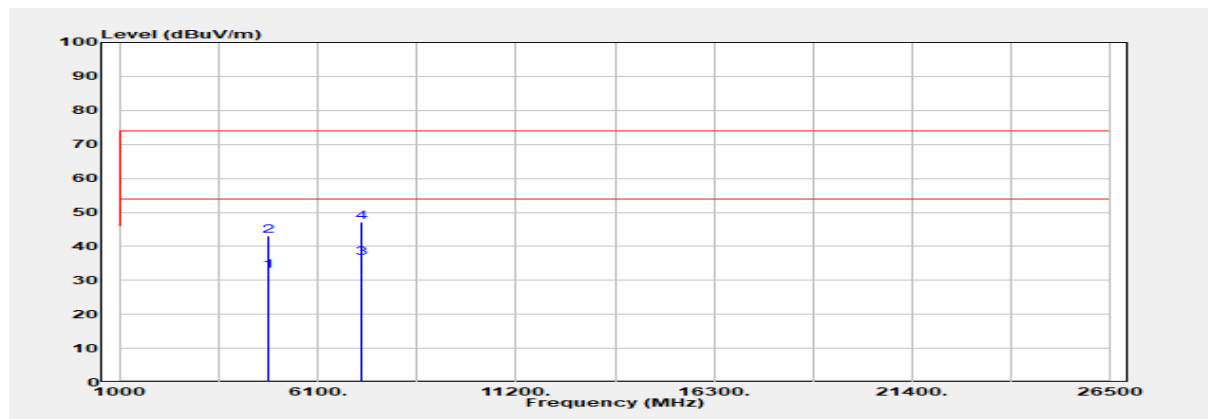
Temp./Humi. :20.6°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4804.000	Average	32.24	0.66	32.90	54.00	-21.10
4804.000	Peak	42.38	0.66	43.04	74.00	-30.96
7206.000	Average	29.76	6.89	36.65	54.00	-17.35
7206.000	Peak	40.23	6.89	47.13	74.00	-26.87

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 125K

Test Date :2024-10-16

Test Frequency :2442 MHz

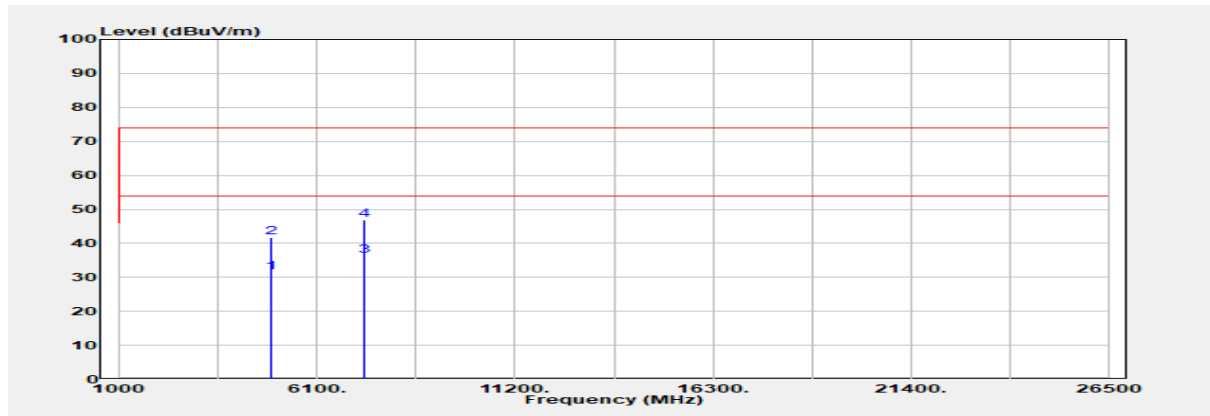
Temp./Humi. :20.6°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4884.000	Average	31.08	0.41	31.49	54.00	-22.51
4884.000	Peak	41.24	0.41	41.65	74.00	-32.35
7326.000	Average	29.85	6.38	36.22	54.00	-17.78
7326.000	Peak	40.56	6.38	46.94	74.00	-27.06

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 125K

Test Date :2024-10-16

Test Frequency :2442 MHz

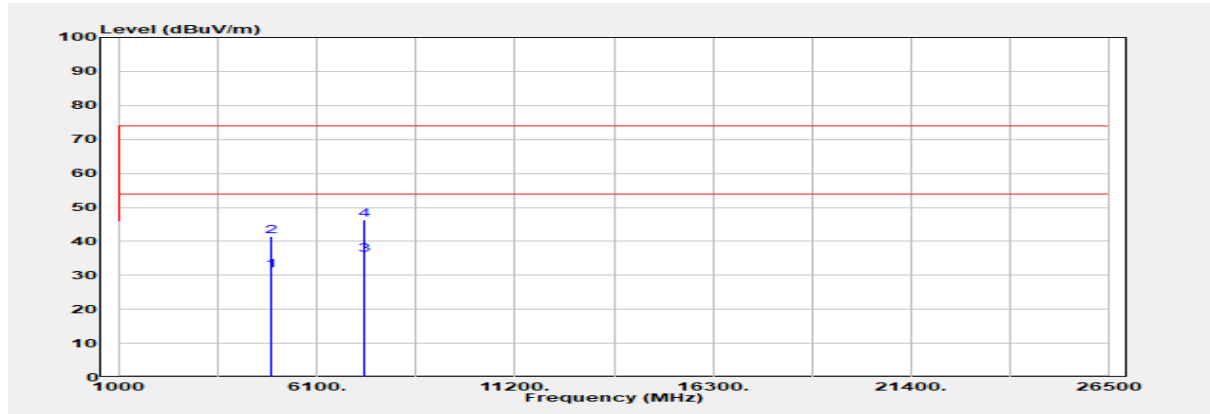
Temp./Humi. :20.6°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4884.000	Average	31.09	0.41	31.50	54.00	-22.50
4884.000	Peak	41.03	0.41	41.44	74.00	-32.56
7326.000	Average	29.77	6.38	36.15	54.00	-17.85
7326.000	Peak	39.91	6.38	46.29	74.00	-27.71

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 125K

Test Date :2024-10-16

Test Frequency :2480 MHz

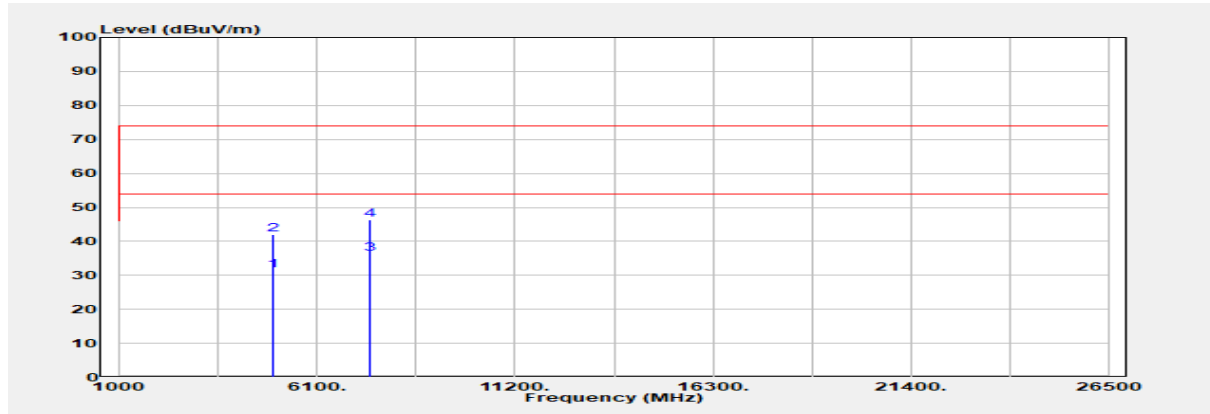
Temp./Humi. :20.6°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4960.000	Average	30.71	0.70	31.40	54.00	-22.60
4960.000	Peak	41.21	0.70	41.90	74.00	-32.10
7440.000	Average	29.73	6.52	36.25	54.00	-17.75
7440.000	Peak	39.91	6.52	46.43	74.00	-27.57

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 125K

Test Date :2024-10-16

Test Frequency :2480 MHz

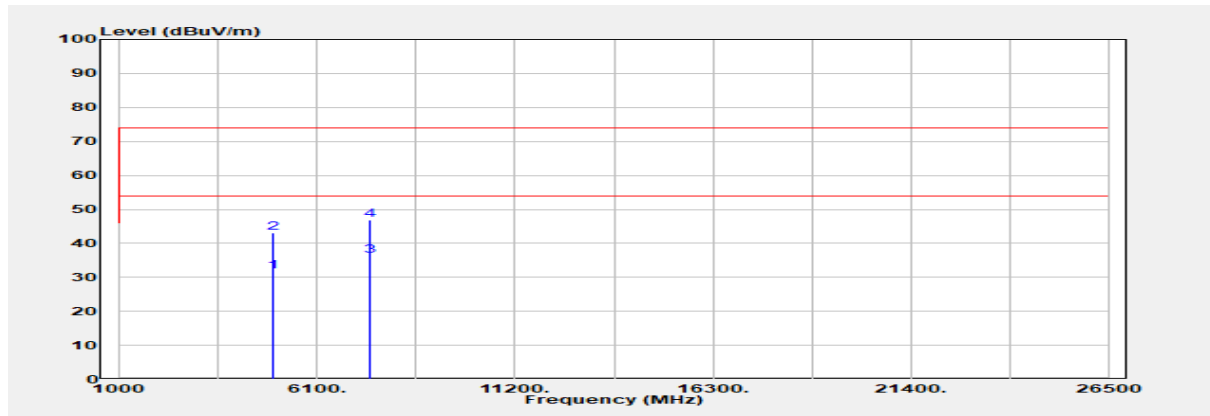
Temp./Humi. :20.6°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4960.000	Average	30.91	0.70	31.60	54.00	-22.40
4960.000	Peak	42.45	0.70	43.15	74.00	-30.85
7440.000	Average	29.75	6.52	36.26	54.00	-17.74
7440.000	Peak	40.46	6.52	46.97	74.00	-27.03

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 500K

Test Date :2024-10-16

Test Frequency :2402 MHz

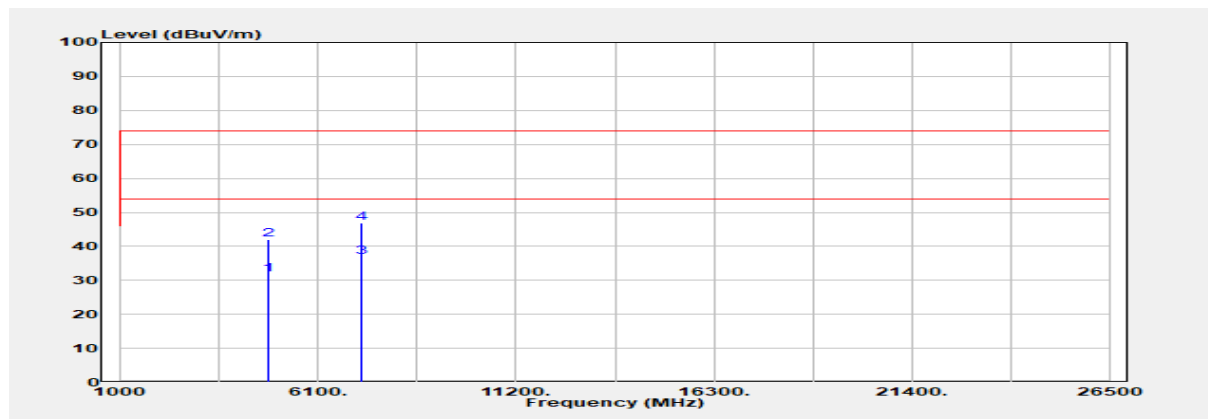
Temp./Humi. :20.6°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4804.000	Average	31.04	0.66	31.69	54.00	-22.31
4804.000	Peak	41.41	0.66	42.06	74.00	-31.94
7206.000	Average	30.00	6.89	36.90	54.00	-17.10
7206.000	Peak	40.00	6.89	46.90	74.00	-27.10

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 500K

Test Date :2024-10-16

Test Frequency :2402 MHz

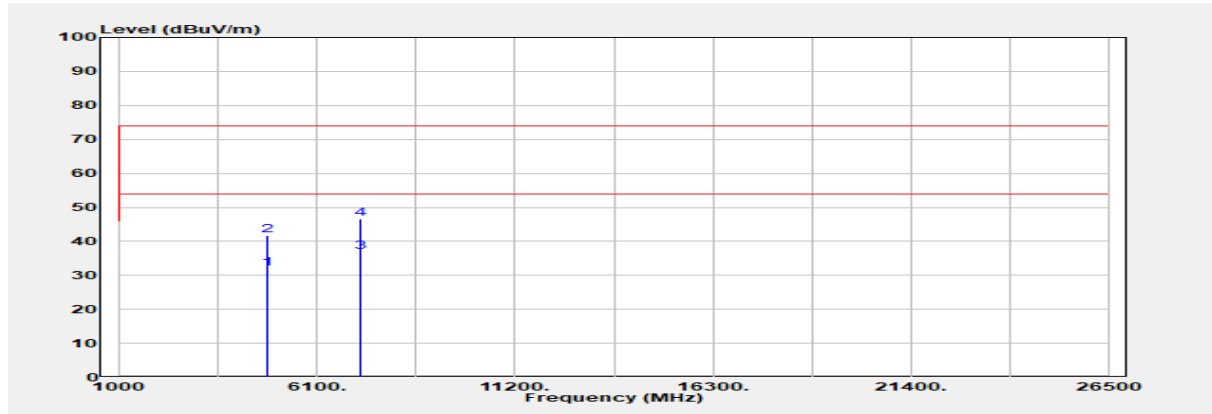
Temp./Humi. :20.6°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Alex Li



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4804.000	Average	31.41	0.66	32.07	54.00	-21.93
4804.000	Peak	40.97	0.66	41.63	74.00	-32.37
7206.000	Average	29.94	6.89	36.83	54.00	-17.17
7206.000	Peak	39.82	6.89	46.71	74.00	-27.29

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 500K

Test Date :2024-10-16

Test Frequency :2442 MHz

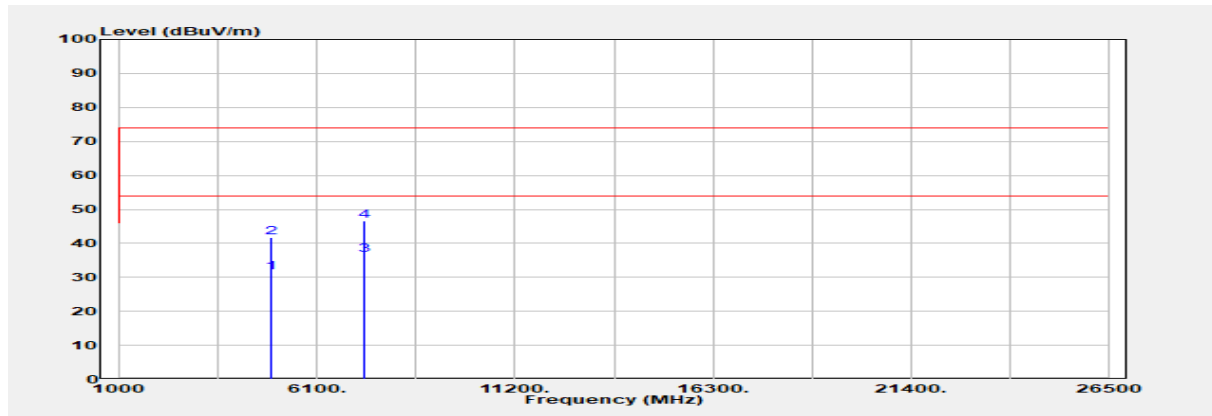
Temp./Humi. :20.6°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4884.000	Average	30.93	0.41	31.34	54.00	-22.66
4884.000	Peak	41.35	0.41	41.76	74.00	-32.24
7326.000	Average	30.08	6.38	36.46	54.00	-17.54
7326.000	Peak	40.24	6.38	46.61	74.00	-27.39

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 500K

Test Date :2024-10-16

Test Frequency :2442 MHz

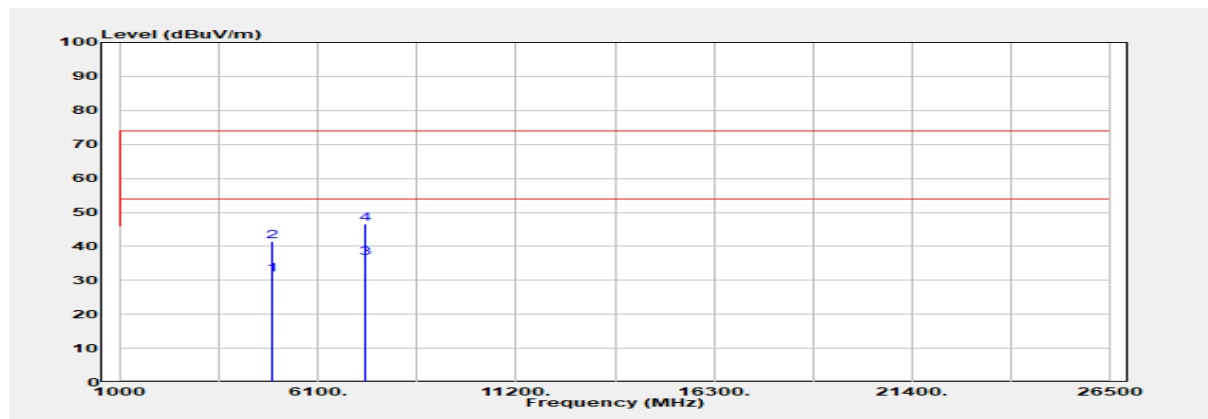
Temp./Humi. :20.6°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4884.000	Average	31.32	0.41	31.73	54.00	-22.27
4884.000	Peak	41.06	0.41	41.47	74.00	-32.53
7326.000	Average	30.11	6.38	36.49	54.00	-17.51
7326.000	Peak	40.31	6.38	46.69	74.00	-27.31

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 500K

Test Date :2024-10-16

Test Frequency :2480 MHz

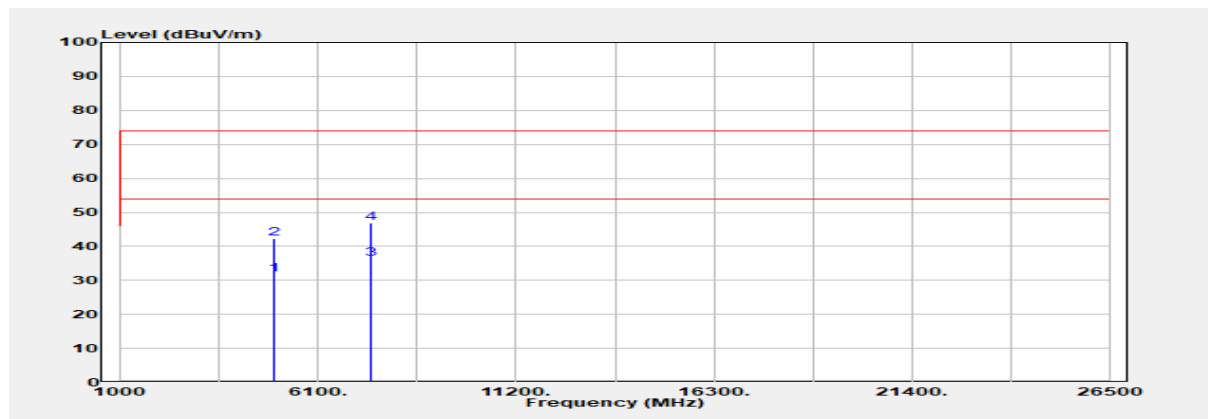
Temp./Humi. :20.6°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4960.000	Average	30.97	0.70	31.67	54.00	-22.33
4960.000	Peak	41.59	0.70	42.28	74.00	-31.72
7440.000	Average	29.91	6.52	36.42	54.00	-17.58
7440.000	Peak	40.41	6.52	46.92	74.00	-27.08

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 500K

Test Date :2024-10-16

Test Frequency :2480 MHz

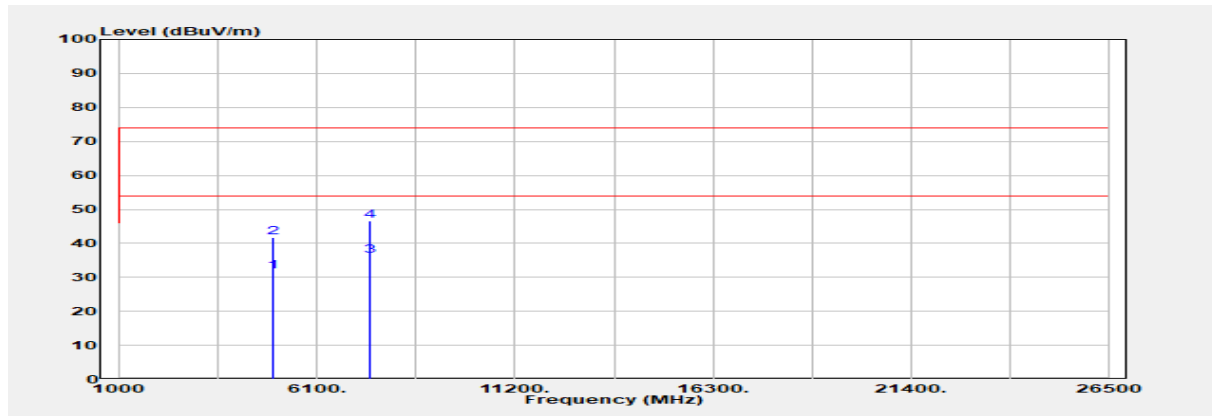
Temp./Humi. :20.6°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4960.000	Average	30.99	0.70	31.69	54.00	-22.31
4960.000	Peak	40.98	0.70	41.68	74.00	-32.32
7440.000	Average	29.83	6.52	36.34	54.00	-17.66
7440.000	Peak	40.19	6.52	46.71	74.00	-27.29

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Internal Antenna

Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 1M

Test Date :2024-10-17

Test Frequency :2442 MHz

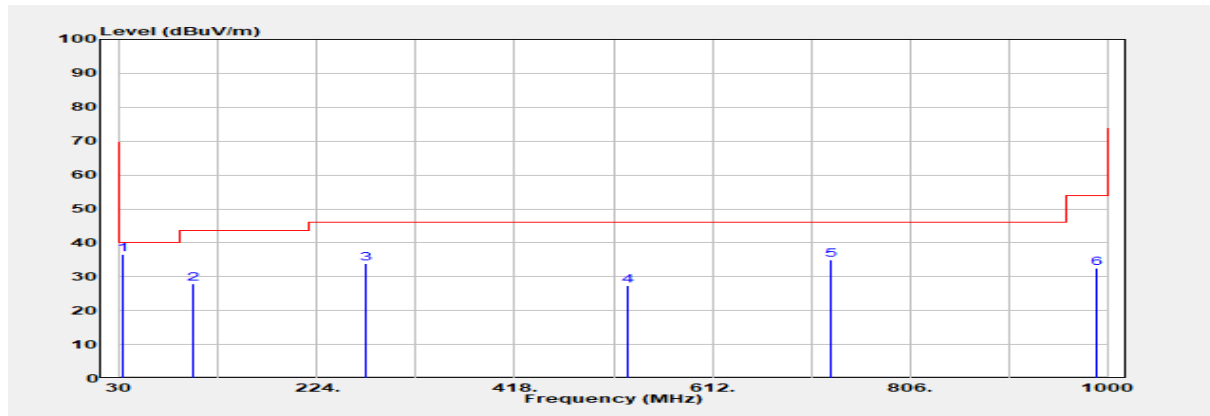
Temp./Humi. :20.6°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
33.880	QP	49.60	-12.93	36.67	40.00	-3.33
102.750	Peak	43.70	-15.88	27.82	43.50	-15.68
272.500	Peak	45.13	-11.34	33.79	46.00	-12.21
529.550	Peak	32.16	-4.73	27.43	46.00	-18.57
729.370	Peak	35.87	-0.94	34.93	46.00	-11.07
989.330	Peak	30.46	1.97	32.43	54.00	-21.57

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 1M

Test Date :2024-10-17

Test Frequency :2442 MHz

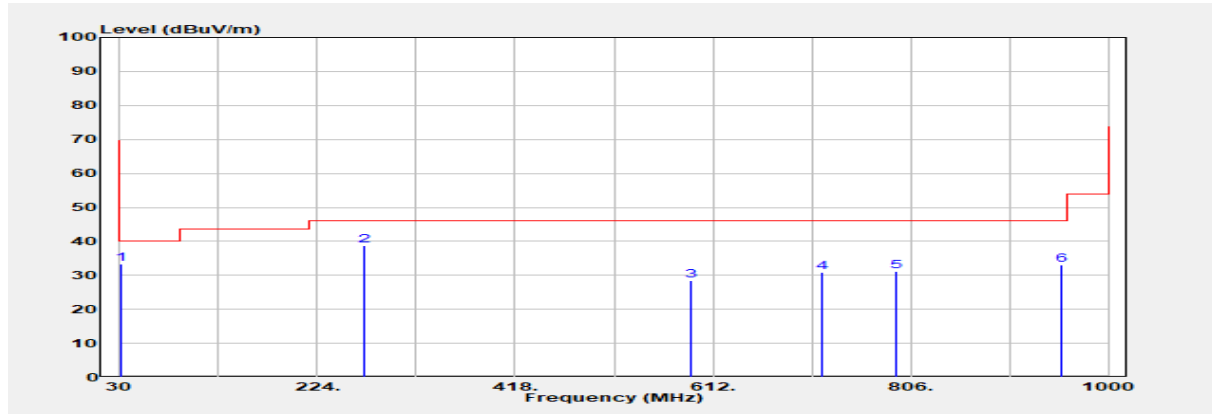
Temp./Humi. :20.6°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
31.940	QP	46.40	-13.00	33.40	40.00	-6.60
270.560	Peak	50.12	-11.43	38.69	46.00	-7.31
589.690	Peak	31.67	-3.29	28.38	46.00	-17.62
719.670	Peak	31.94	-1.16	30.78	46.00	-15.22
791.450	Peak	31.10	0.08	31.18	46.00	-14.82
953.440	Peak	31.07	1.93	33.00	46.00	-13.00

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 1M

Test Date :2024-10-09

Test Frequency :2402 MHz

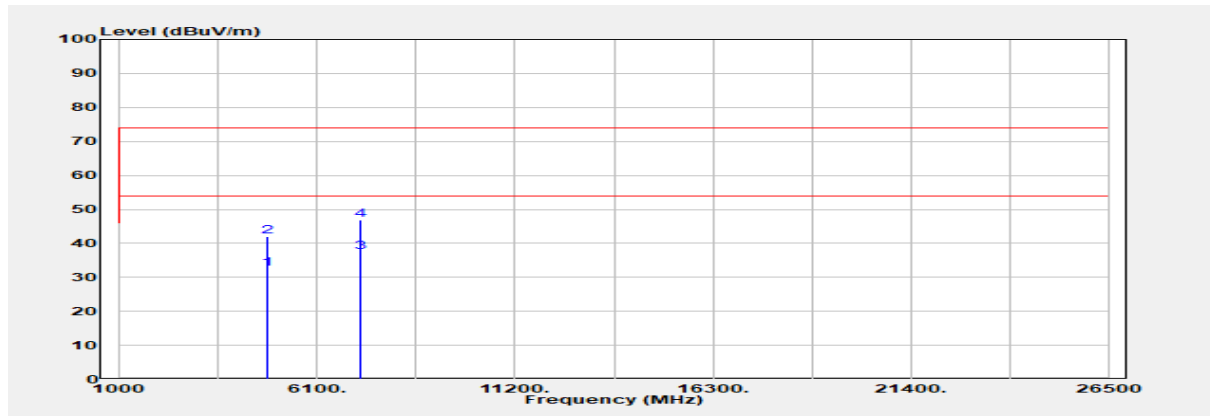
Temp./Humi. :23.3°C/67%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4804.000	Average	31.97	0.66	32.63	54.00	-21.37
4804.000	Peak	41.42	0.66	42.08	74.00	-31.92
7206.000	Average	30.63	6.89	37.52	54.00	-16.48
7206.000	Peak	39.95	6.89	46.84	74.00	-27.16

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 1M

Test Date :2024-10-09

Test Frequency :2402 MHz

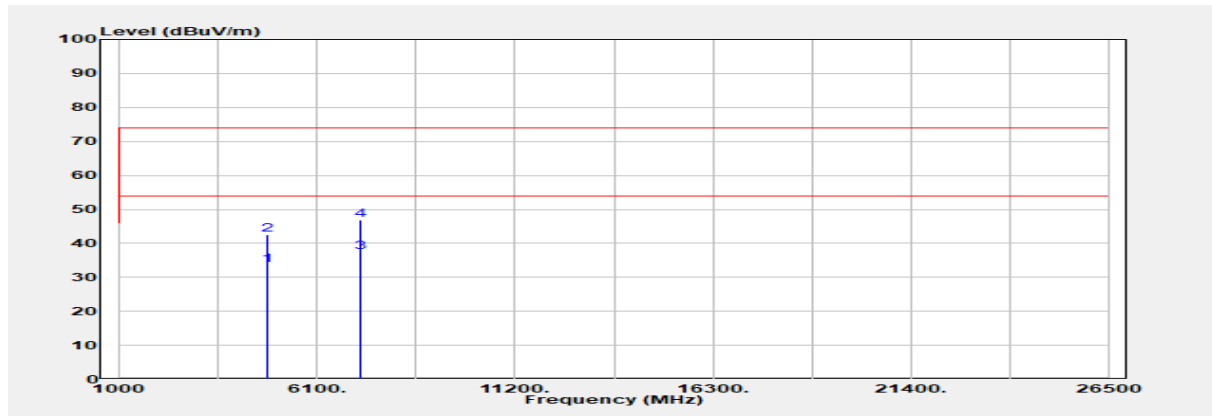
Temp./Humi. :23.3°C/67%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4804.000	Average	33.05	0.66	33.71	54.00	-20.29
4804.000	Peak	41.89	0.66	42.54	74.00	-31.46
7206.000	Average	30.59	6.89	37.48	54.00	-16.52
7206.000	Peak	40.03	6.89	46.93	74.00	-27.07

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 1M

Test Date :2024-10-09

Test Frequency :2442 MHz

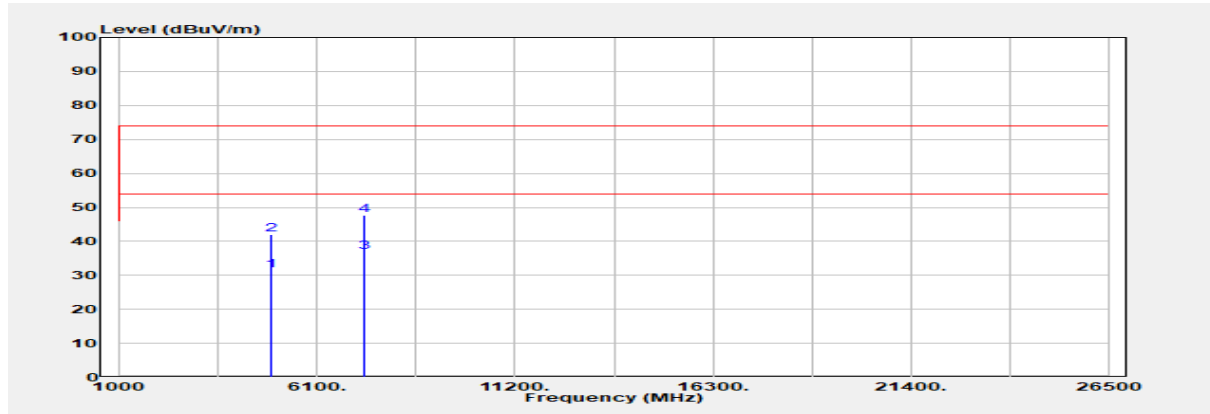
Temp./Humi. :23.3°C/67%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4884.000	Average	31.07	0.41	31.48	54.00	-22.52
4884.000	Peak	41.73	0.41	42.14	74.00	-31.86
7326.000	Average	30.59	6.38	36.97	54.00	-17.03
7326.000	Peak	41.26	6.38	47.64	74.00	-26.36

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 1M

Test Date :2024-10-09

Test Frequency :2442 MHz

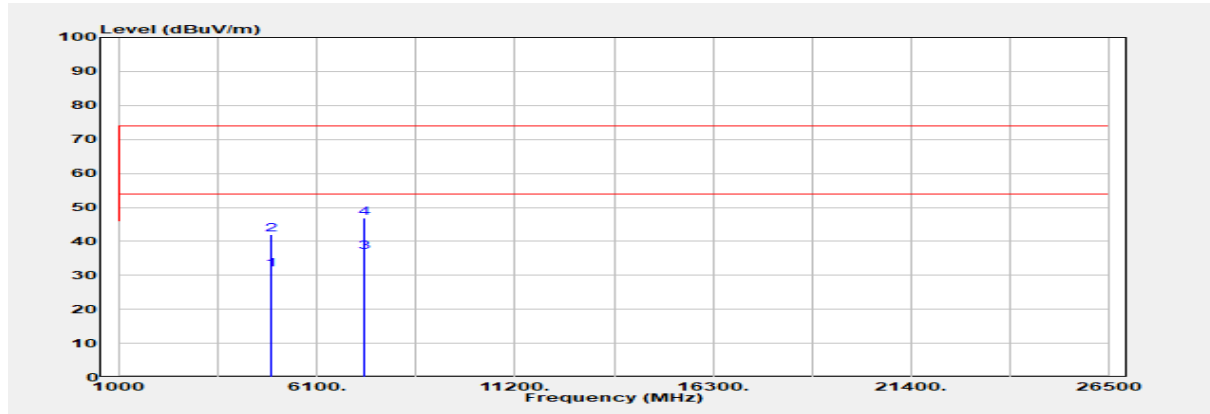
Temp./Humi. :23.3°C/67%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4884.000	Average	31.24	0.41	31.65	54.00	-22.35
4884.000	Peak	41.49	0.41	41.90	74.00	-32.10
7326.000	Average	30.56	6.38	36.94	54.00	-17.06
7326.000	Peak	40.49	6.38	46.87	74.00	-27.13

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 1M

Test Date :2024-10-09

Test Frequency :2480 MHz

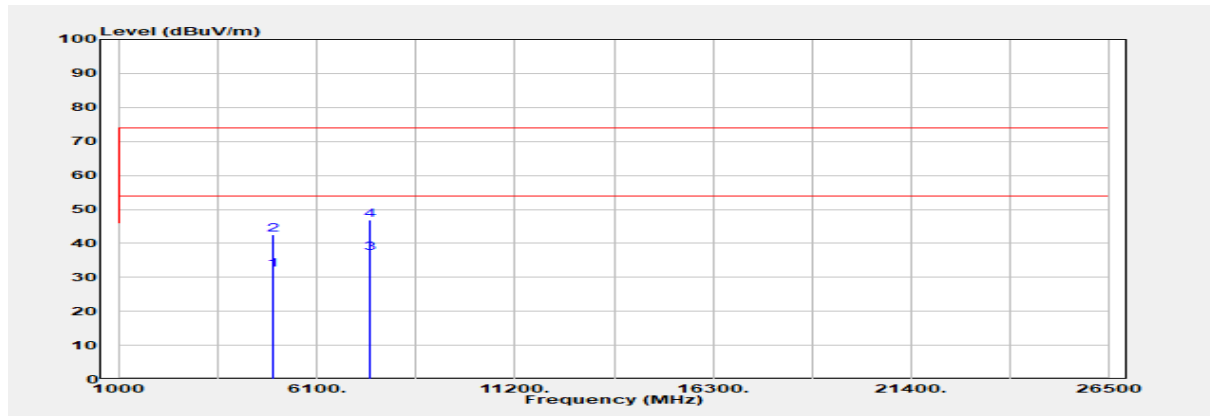
Temp./Humi. :23.3°C/67%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4960.000	Average	31.65	0.70	32.34	54.00	-21.66
4960.000	Peak	41.87	0.70	42.57	74.00	-31.43
7440.000	Average	30.62	6.52	37.13	54.00	-16.87
7440.000	Peak	40.28	6.52	46.79	74.00	-27.21

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 1M

Test Date :2024-10-09

Test Frequency :2480 MHz

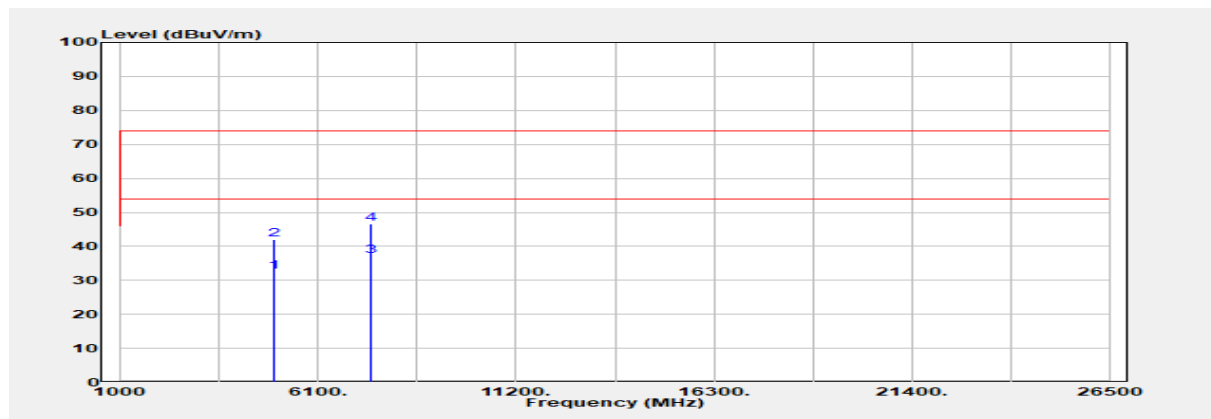
Temp./Humi. :23.3°C/67%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4960.000	Average	31.81	0.70	32.51	54.00	-21.49
4960.000	Peak	41.37	0.70	42.06	74.00	-31.94
7440.000	Average	30.67	6.52	37.19	54.00	-16.81
7440.000	Peak	40.11	6.52	46.63	74.00	-27.37

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 2M

Test Date :2024-10-09

Test Frequency :2402 MHz

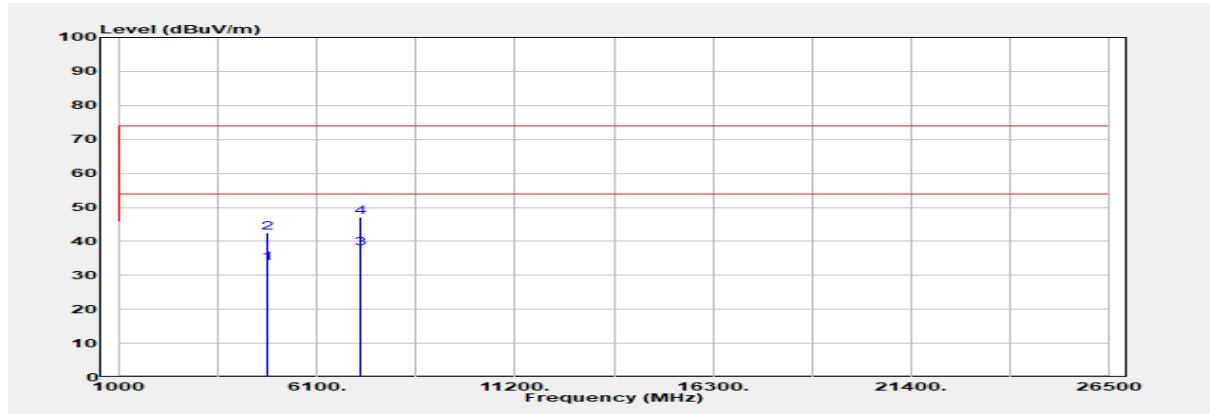
Temp./Humi. :23.3°C/67%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4804.000	Average	32.92	0.66	33.57	54.00	-20.43
4804.000	Peak	42.00	0.66	42.66	74.00	-31.34
7206.000	Average	30.98	6.89	37.87	54.00	-16.13
7206.000	Peak	40.30	6.89	47.20	74.00	-26.80

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 2M

Test Date :2024-10-09

Test Frequency :2402 MHz

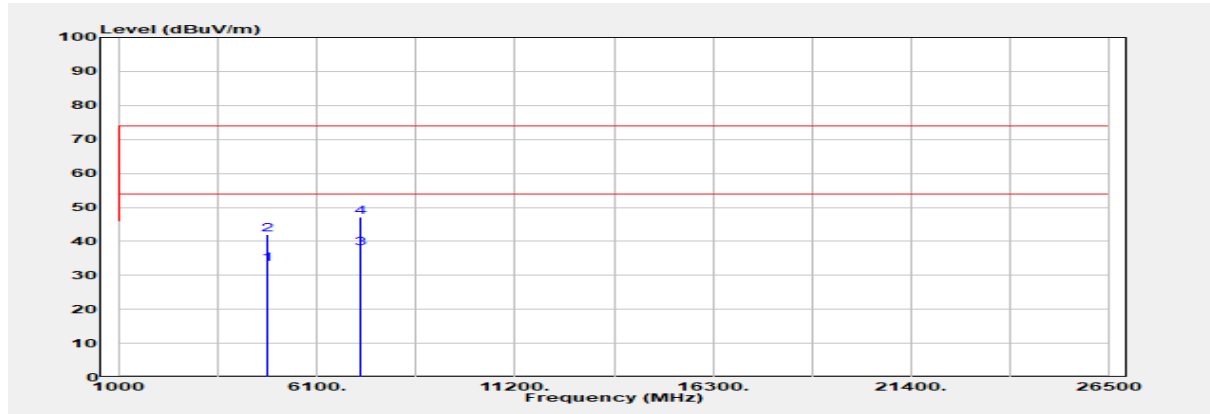
Temp./Humi. :23.3°C/67%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4804.000	Average	32.63	0.66	33.29	54.00	-20.71
4804.000	Peak	41.41	0.66	42.07	74.00	-31.93
7206.000	Average	31.13	6.89	38.02	54.00	-15.98
7206.000	Peak	40.35	6.89	47.24	74.00	-26.76

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 2M

Test Date :2024-10-09

Test Frequency :2442 MHz

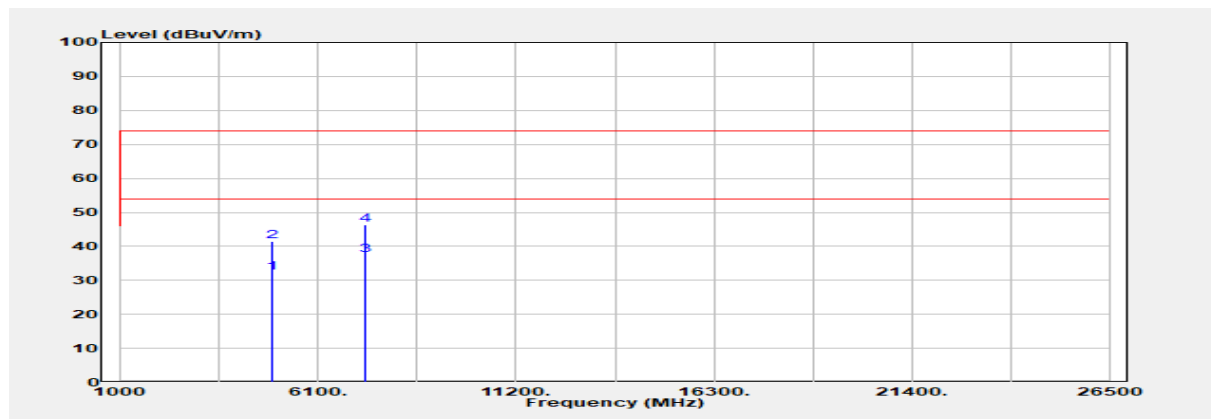
Temp./Humi. :23.3°C/67%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4884.000	Average	31.95	0.41	32.36	54.00	-21.64
4884.000	Peak	41.13	0.41	41.54	74.00	-32.46
7326.000	Average	31.05	6.38	37.43	54.00	-16.57
7326.000	Peak	39.84	6.38	46.21	74.00	-27.79

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 2M

Test Date :2024-10-09

Test Frequency :2442 MHz

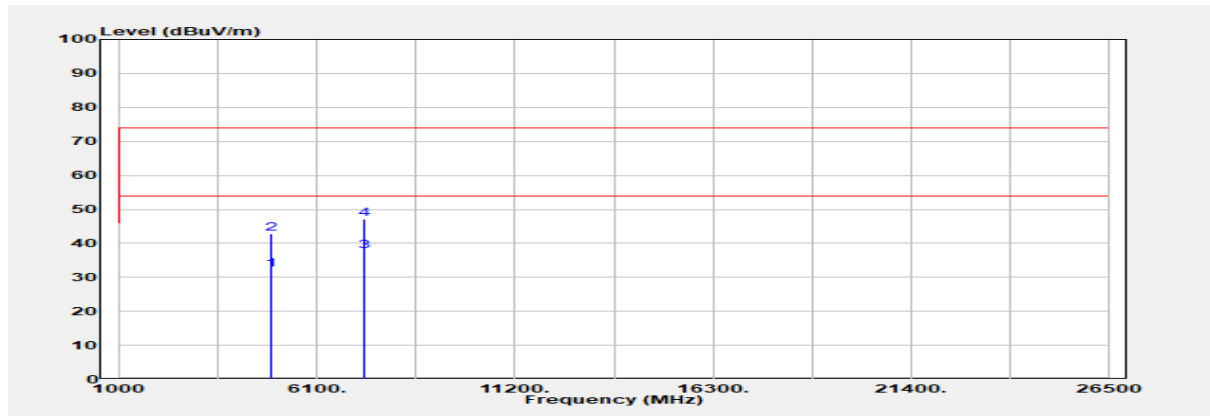
Temp./Humi. :23.3°C/67%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4884.000	Average	31.81	0.41	32.22	54.00	-21.78
4884.000	Peak	42.37	0.41	42.78	74.00	-31.22
7326.000	Average	31.27	6.38	37.65	54.00	-16.35
7326.000	Peak	40.83	6.38	47.21	74.00	-26.79

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 2M

Test Date :2024-10-09

Test Frequency :2480 MHz

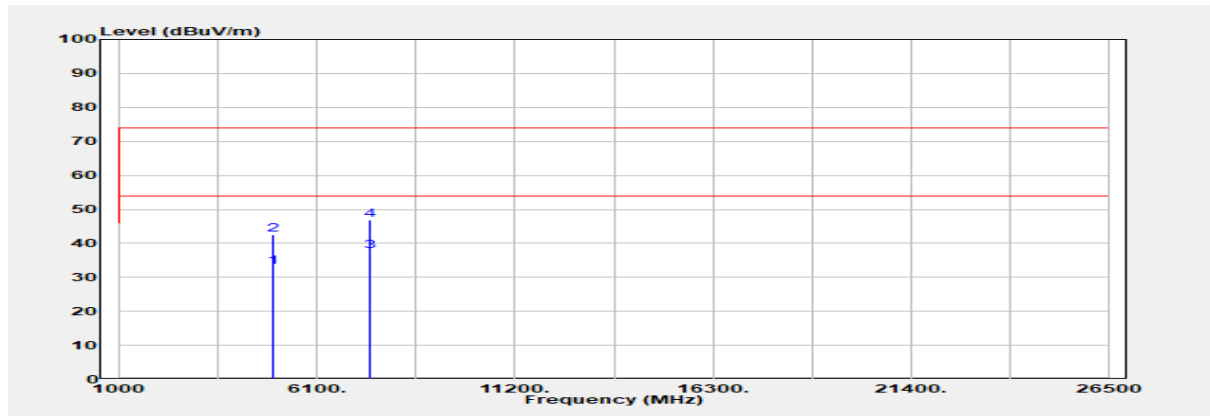
Temp./Humi. :23.3°C/67%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4960.000	Average	32.24	0.70	32.94	54.00	-21.06
4960.000	Peak	41.73	0.70	42.43	74.00	-31.57
7440.000	Average	31.13	6.52	37.65	54.00	-16.35
7440.000	Peak	40.35	6.52	46.87	74.00	-27.13

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 2M

Test Date :2024-10-09

Test Frequency :2480 MHz

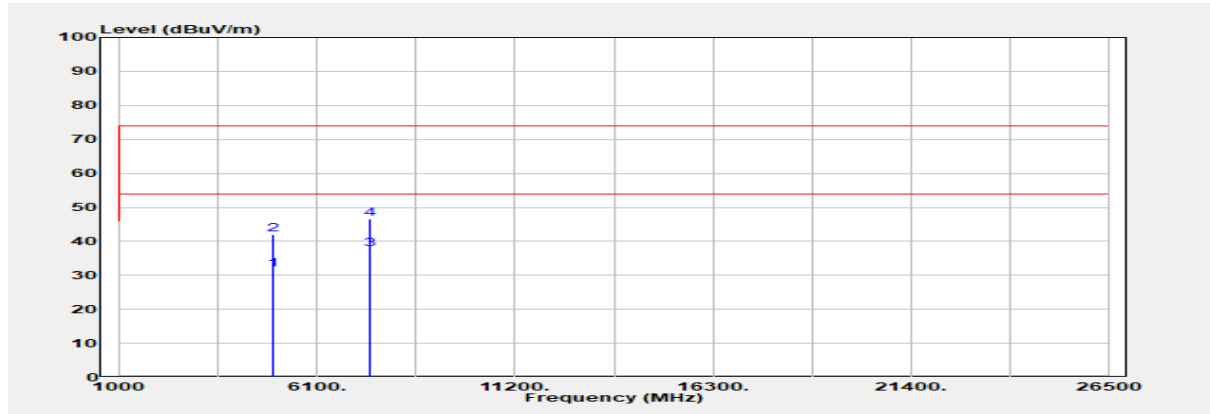
Temp./Humi. :23.3°C/67%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4960.000	Average	30.89	0.70	31.58	54.00	-22.42
4960.000	Peak	41.34	0.70	42.04	74.00	-31.96
7440.000	Average	31.08	6.52	37.59	54.00	-16.41
7440.000	Peak	40.22	6.52	46.74	74.00	-27.26

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 125K

Test Date :2024-10-09

Test Frequency :2402 MHz

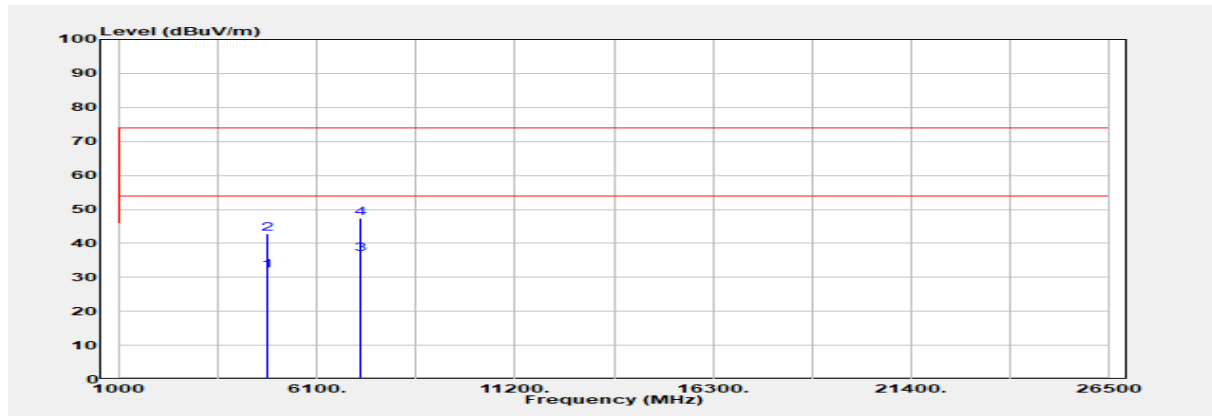
Temp./Humi. :23.3°C/67%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4804.000	Average	31.26	0.66	31.91	54.00	-22.09
4804.000	Peak	42.24	0.66	42.90	74.00	-31.10
7206.000	Average	30.08	6.89	36.98	54.00	-17.02
7206.000	Peak	40.60	6.89	47.49	74.00	-26.51

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 125K

Test Date :2024-10-09

Test Frequency :2402 MHz

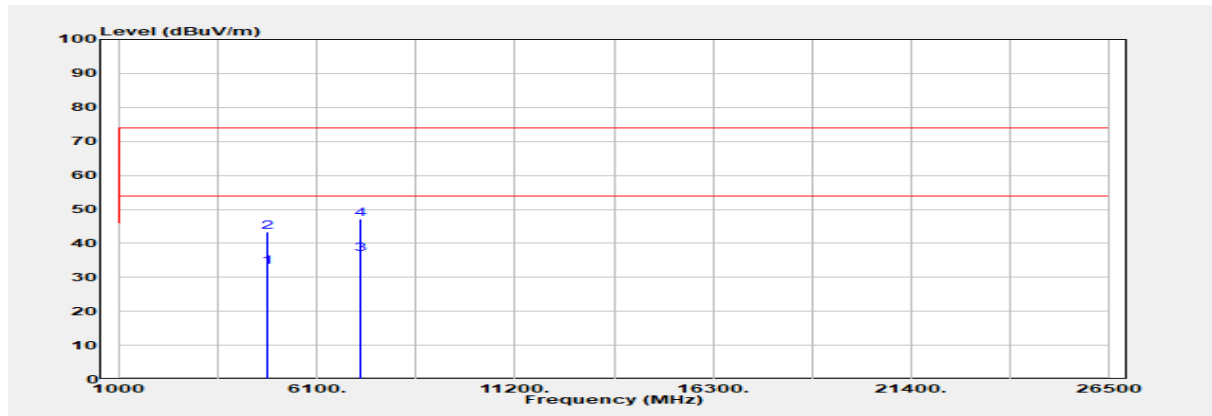
Temp./Humi. :23.3°C/67%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4804.000	Average	32.35	0.66	33.01	54.00	-20.99
4804.000	Peak	42.58	0.66	43.23	74.00	-30.77
7206.000	Average	29.86	6.89	36.75	54.00	-17.25
7206.000	Peak	40.22	6.89	47.12	74.00	-26.88

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 125K

Test Date :2024-10-14

Test Frequency :2442 MHz

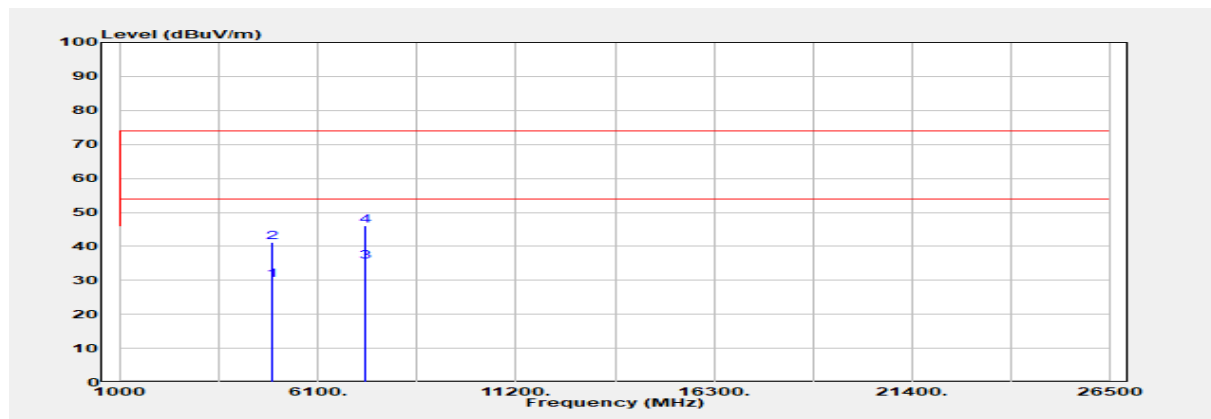
Temp./Humi. :23.3°C/67%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4884.000	Average	29.79	0.41	30.20	54.00	-23.80
4884.000	Peak	40.81	0.41	41.22	74.00	-32.78
7326.000	Average	29.13	6.38	35.51	54.00	-18.49
7326.000	Peak	39.66	6.38	46.04	74.00	-27.96

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 125K

Test Date :2024-10-14

Test Frequency :2442 MHz

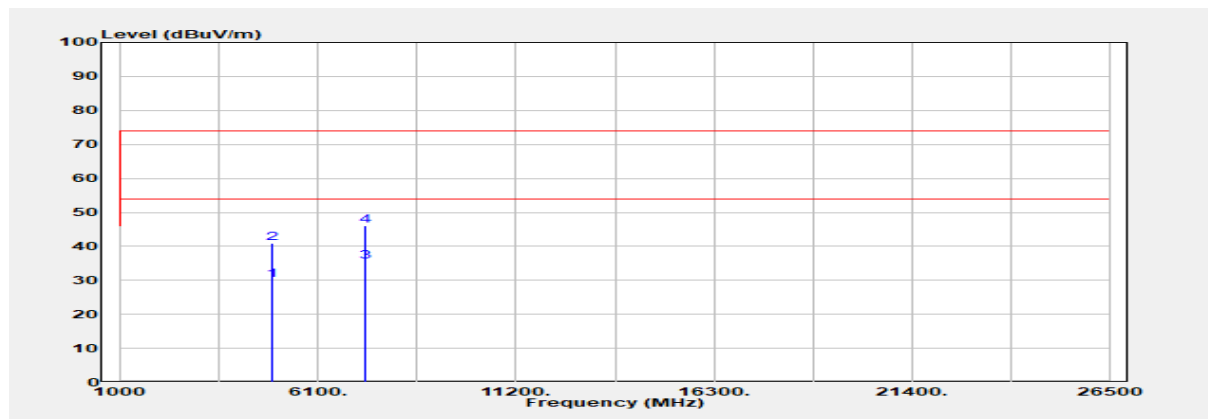
Temp./Humi. :23.3°C/67%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4884.000	Average	29.79	0.41	30.20	54.00	-23.80
4884.000	Peak	40.47	0.41	40.88	74.00	-33.12
7326.000	Average	29.10	6.38	35.48	54.00	-18.52
7326.000	Peak	39.66	6.38	46.04	74.00	-27.96

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 125K

Test Date :2024-10-16

Test Frequency :2480 MHz

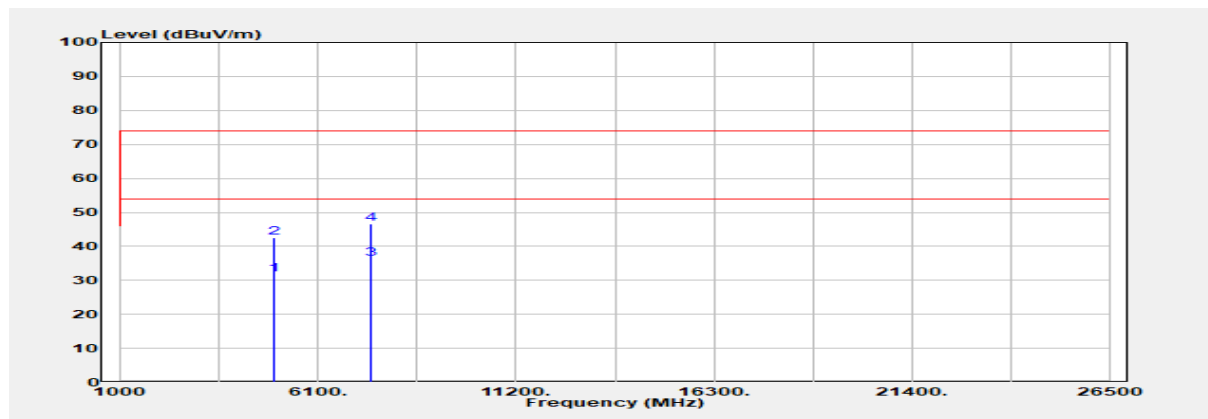
Temp./Humi. :20.6°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4960.000	Average	30.94	0.70	31.64	54.00	-22.36
4960.000	Peak	41.82	0.70	42.52	74.00	-31.48
7440.000	Average	29.75	6.52	36.26	54.00	-17.74
7440.000	Peak	40.20	6.52	46.72	74.00	-27.28

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 125K

Test Date :2024-10-16

Test Frequency :2480 MHz

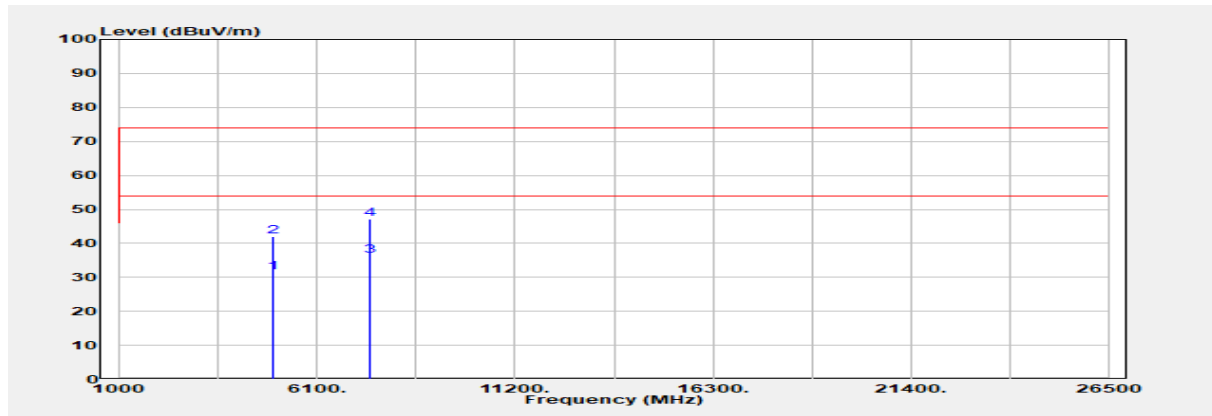
Temp./Humi. :20.6°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4960.000	Average	30.87	0.70	31.56	54.00	-22.44
4960.000	Peak	41.34	0.70	42.03	74.00	-31.97
7440.000	Average	29.69	6.52	36.21	54.00	-17.79
7440.000	Peak	40.71	6.52	47.23	74.00	-26.77

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 500K

Test Date :2024-10-16

Test Frequency :2402 MHz

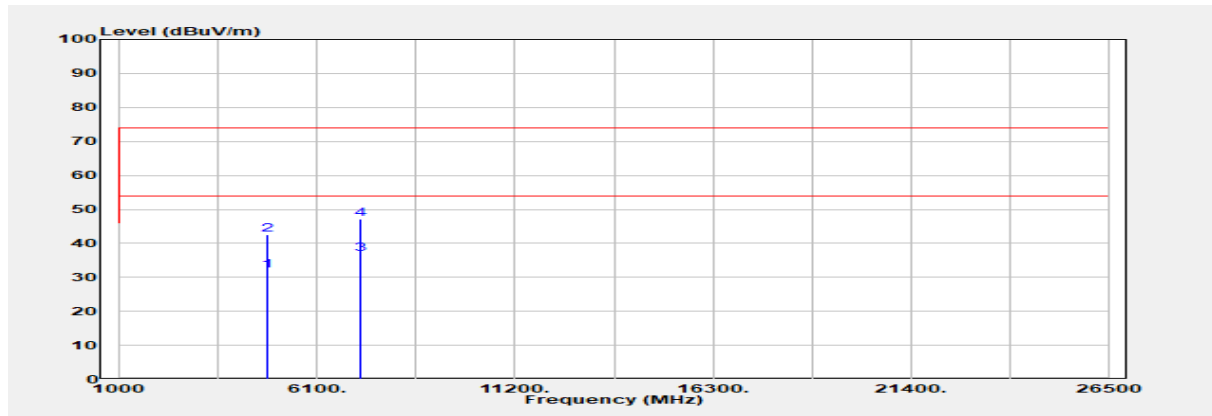
Temp./Humi. :20.6°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4804.000	Average	31.32	0.66	31.98	54.00	-22.02
4804.000	Peak	41.92	0.66	42.58	74.00	-31.42
7206.000	Average	29.93	6.89	36.82	54.00	-17.18
7206.000	Peak	40.14	6.89	47.03	74.00	-26.97

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 500K

Test Date :2024-10-16

Test Frequency :2402 MHz

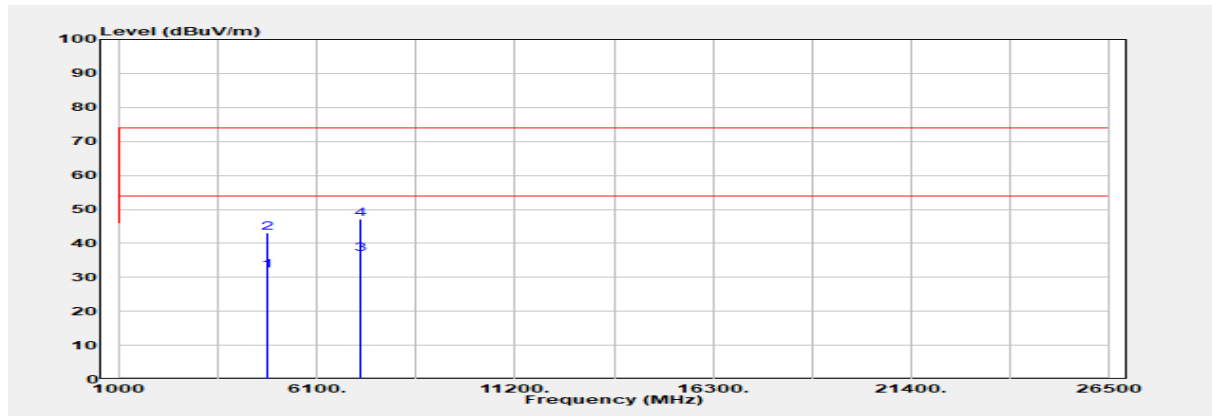
Temp./Humi. :20.6°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4804.000	Average	31.45	0.66	32.11	54.00	-21.89
4804.000	Peak	42.50	0.66	43.16	74.00	-30.84
7206.000	Average	29.89	6.89	36.78	54.00	-17.22
7206.000	Peak	40.27	6.89	47.17	74.00	-26.83

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 500K

Test Date :2024-10-17

Test Frequency :2442 MHz

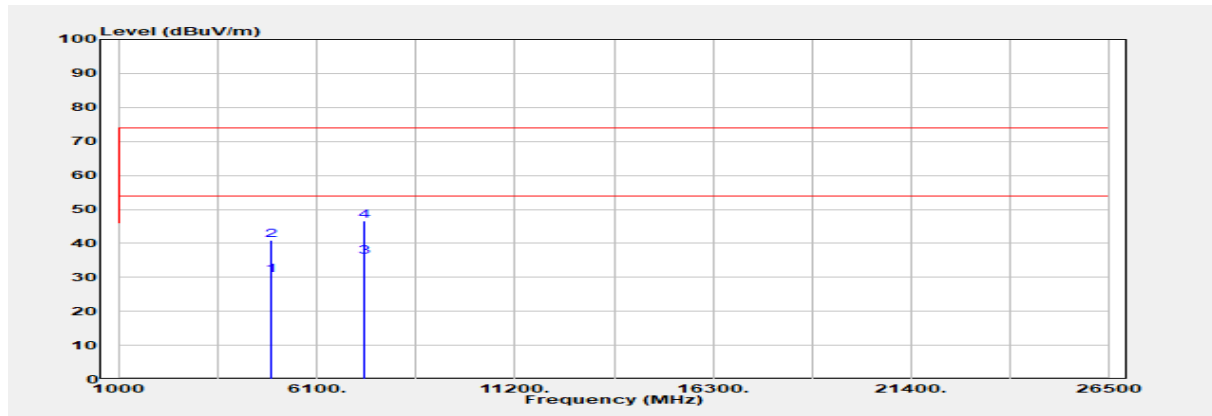
Temp./Humi. :20.6°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4884.000	Average	30.32	0.41	30.73	54.00	-23.27
4884.000	Peak	40.38	0.41	40.79	74.00	-33.21
7326.000	Average	29.59	6.38	35.97	54.00	-18.03
7326.000	Peak	40.15	6.38	46.53	74.00	-27.47

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 500K

Test Date :2024-10-17

Test Frequency :2442 MHz

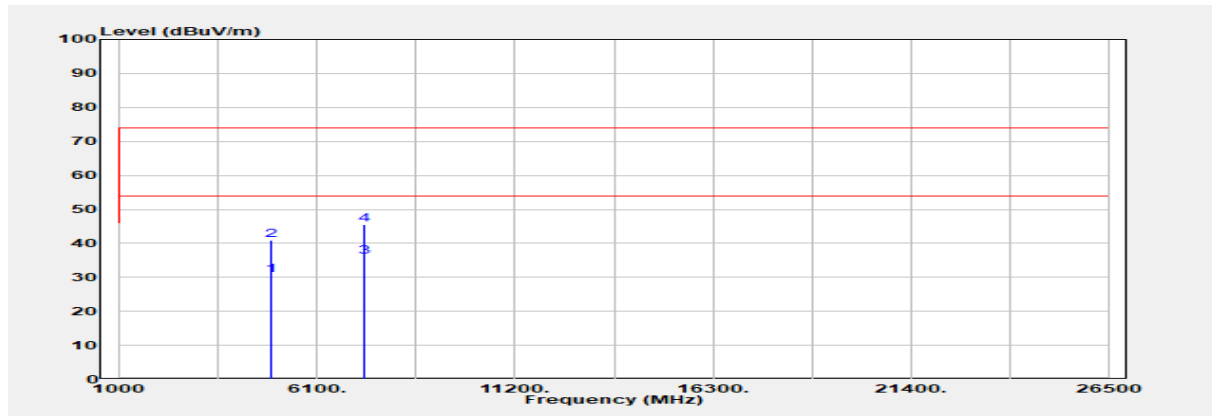
Temp./Humi. :20.6°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4884.000	Average	30.34	0.41	30.75	54.00	-23.25
4884.000	Peak	40.46	0.41	40.87	74.00	-33.13
7326.000	Average	29.65	6.38	36.03	54.00	-17.97
7326.000	Peak	39.12	6.38	45.50	74.00	-28.50

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 500K

Test Date :2024-10-17

Test Frequency :2480 MHz

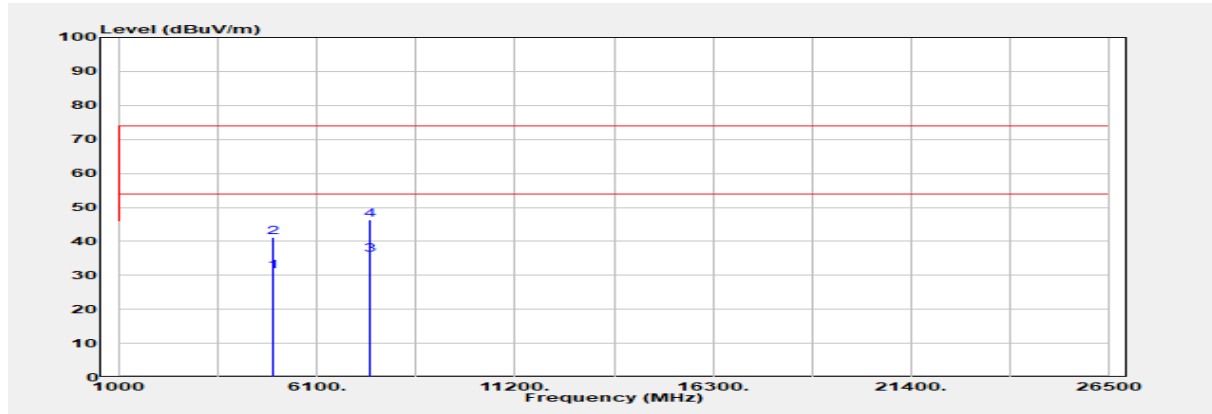
Temp./Humi. :20.6°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4960.000	Average	30.42	0.70	31.11	54.00	-22.89
4960.000	Peak	40.48	0.70	41.17	74.00	-32.83
7440.000	Average	29.65	6.52	36.16	54.00	-17.84
7440.000	Peak	39.79	6.52	46.31	74.00	-27.69

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Report Number :TERF2410002915E2

Test Site :SAC C

Operation Mode :BLE 500K

Test Date :2024-10-17

Test Frequency :2480 MHz

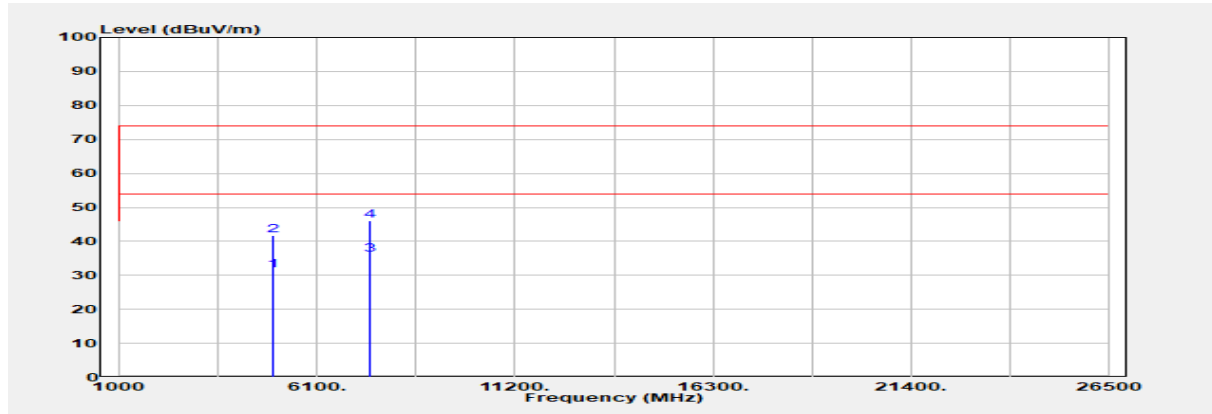
Temp./Humi. :20.6°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Alex Li



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4960.000	Average	30.70	0.70	31.40	54.00	-22.60
4960.000	Peak	40.96	0.70	41.65	74.00	-32.35
7440.000	Average	29.56	6.52	36.08	54.00	-17.92
7440.000	Peak	39.61	6.52	46.13	74.00	-27.87

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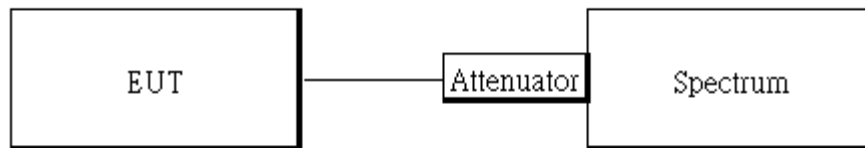
12 POWER SPECTRAL DENSITY

12.1 Standard Applicable:

Per Part 15.247 (e) & RSS-247 section 5.2 b

The power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8dBm in any 3 kHz band during any time interval of continuous transmission.

12.2 Test Setup



12.3 Measurement Procedure:

1. Set analyzer center frequency to DTS channel center frequency.
2. The testing follows the Measurement Procedure of FCC KDB 558074 D01 DTS Meas. Guidance.
3. Set the span to 1.5 times the DTS channel bandwidth.
4. Set the RBW = 3 kHz. & the VBW = 10 kHz
5. Detector = peak.
6. Sweep time = auto couple.
7. Trace mode = max hold.
8. Allow trace to fully stabilize.
9. Use the peak marker function to determine the maximum amplitude level.

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12.4 Measurement Result:

BLE 1M mode

Frequency (MHz)	RF Power Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2402	2.03	8	PASS
2442	2.08	8	PASS
2480	1.87	8	PASS

***Note:**

1.cable loss as 10.27dB that offsets in the spectrum

BLE 2M mode

Frequency (MHz)	RF Power Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2402	-0.61	8	PASS
2442	-0.50	8	PASS
2480	-1.79	8	PASS

***Note:**

1.cable loss as 10.27dB that offsets in the spectrum

BLE 125k mode(Payload S=8)

Frequency (MHz)	RF Power Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2402	7.31	8	PASS
2442	7.47	8	PASS
2480	7.26	8	PASS

***Note:**

1.cable loss as 10.27dB that offsets in the spectrum

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BLE 500k mode(Payload S=2)

Frequency (MHz)	RF Power Density (dBm/3kHz)	Maximum Limit (dBm/3kHz)	Result
2402	4.27	8	PASS
2442	4.29	8	PASS
2480	4.07	8	PASS

Note:*1.cable loss as 10.27dB that offsets in the spectrum**

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No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

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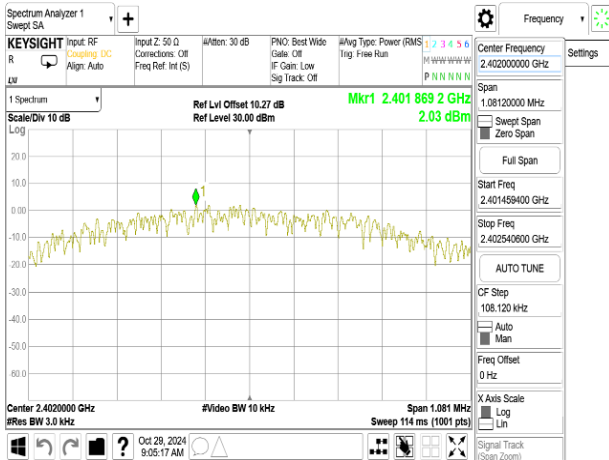
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f (886-2) 2298-0488

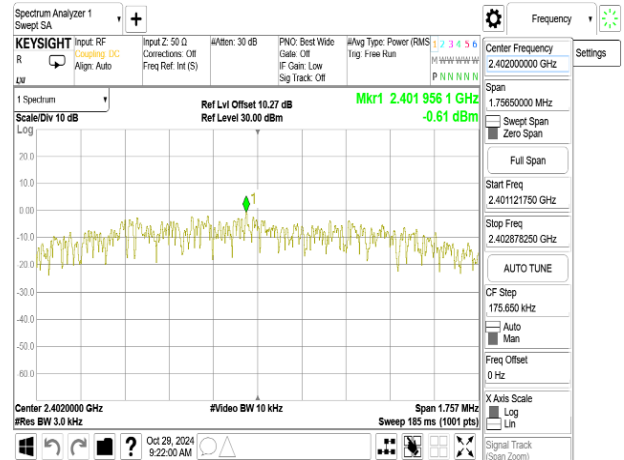
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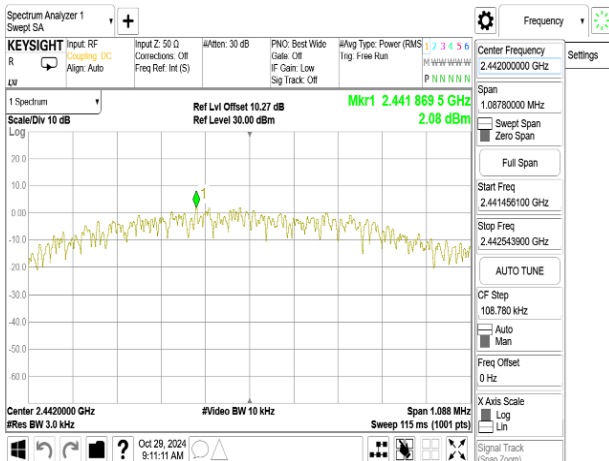
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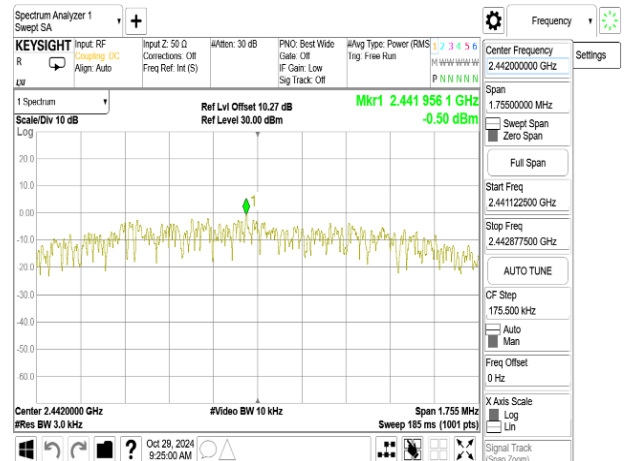
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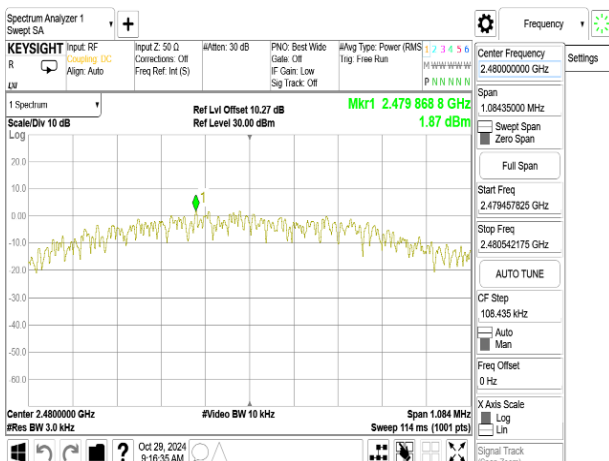
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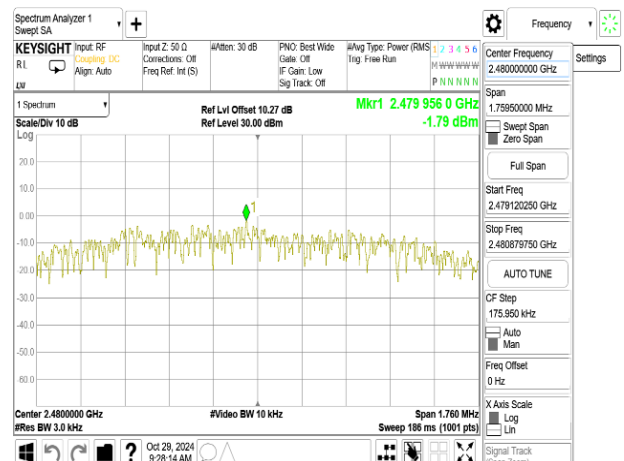
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PSD_BLE 1M_HighCH39-2480MHz



PSD_BLE 2M_HighCH39-2480MHz

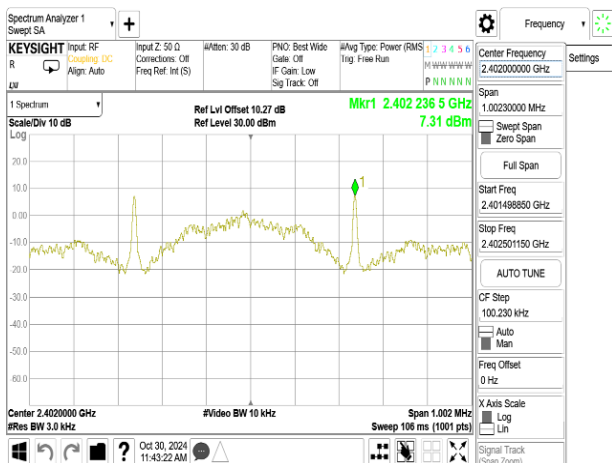


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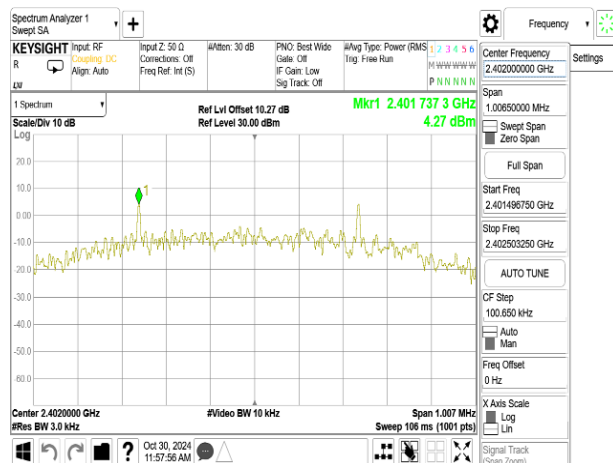
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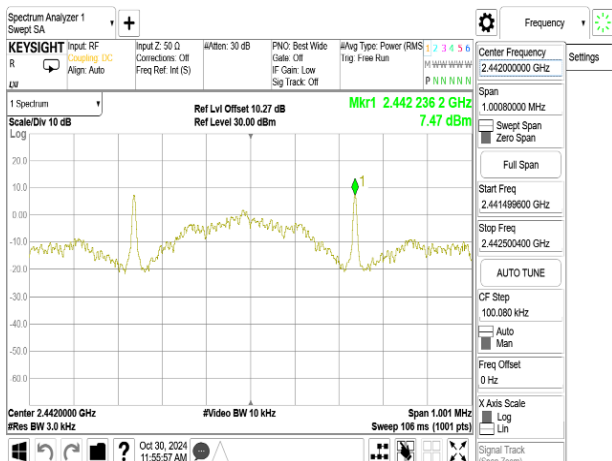
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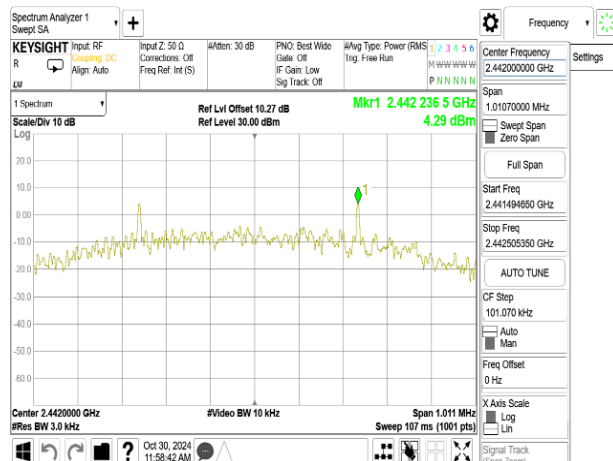
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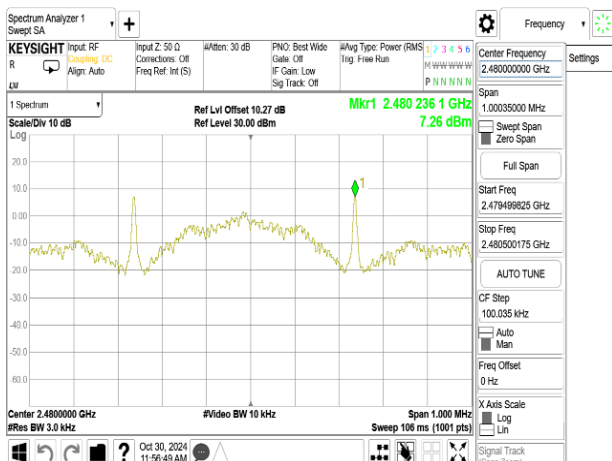
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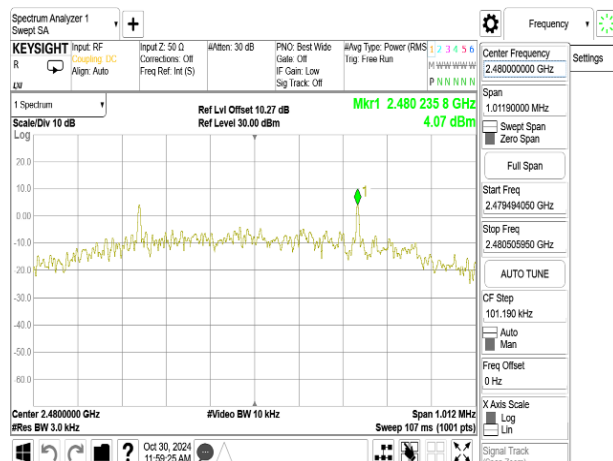
PSD_BLE 500k_MidCH20-2442MHz



PSD_BLE 125k_HighCH39-2480MHz



PSD_BLE 500k_HighCH39-2480MHz



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13 ANTENNA REQUIREMENT

13.1 Standard Applicable:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §§ 15.211, 15.213, 15.217, 15.219, 15.221, or § 15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

13.2 Antenna Connected Construction:

The antenna complies with this requirement and no consideration of replacement. Please see EUT photo for details.

~ End of Report ~

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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

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