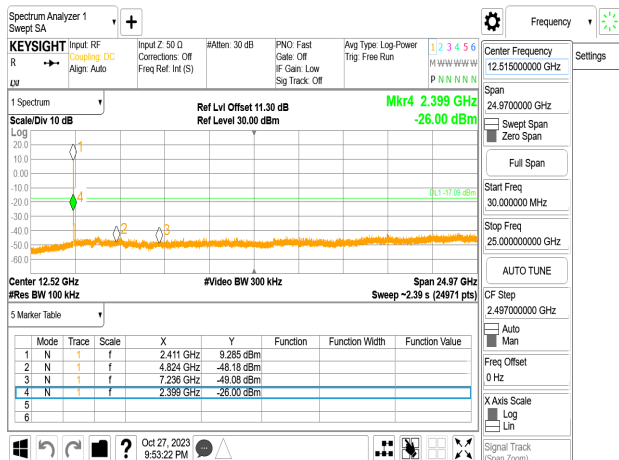
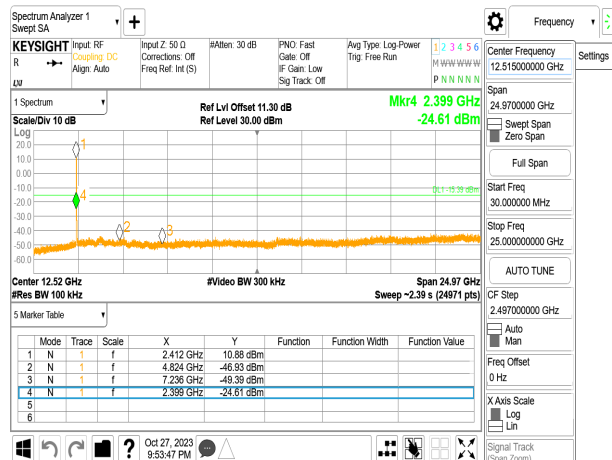


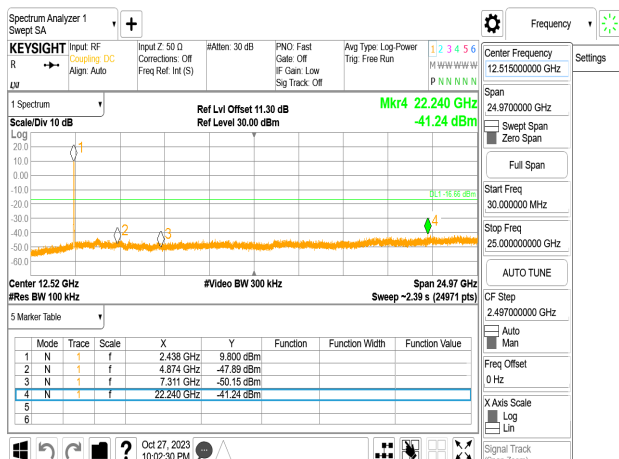
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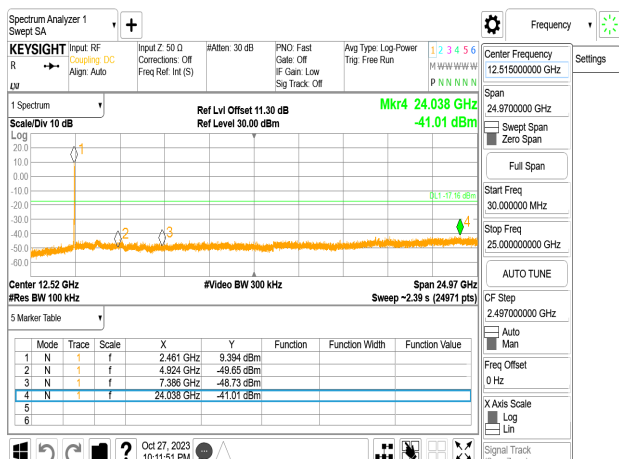
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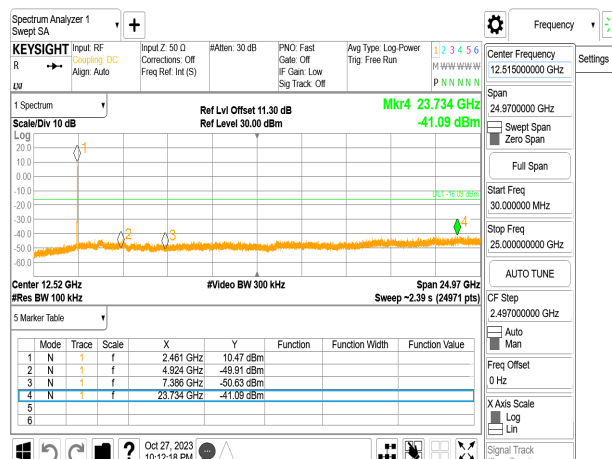
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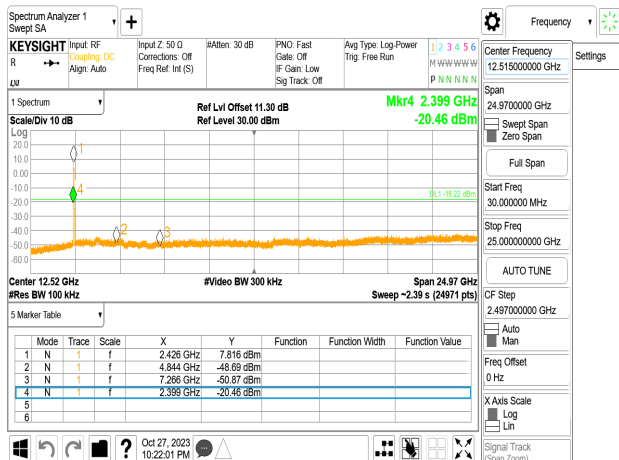


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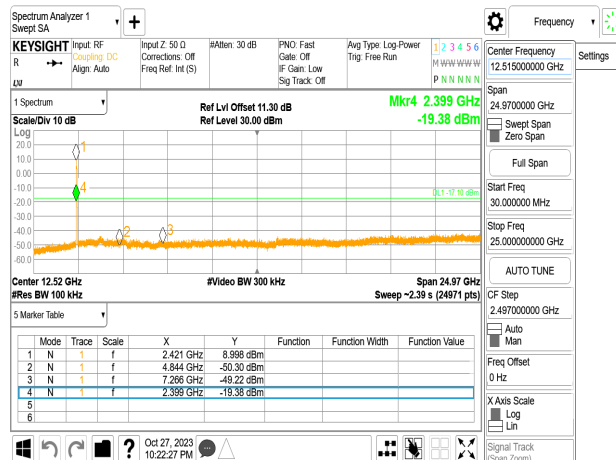
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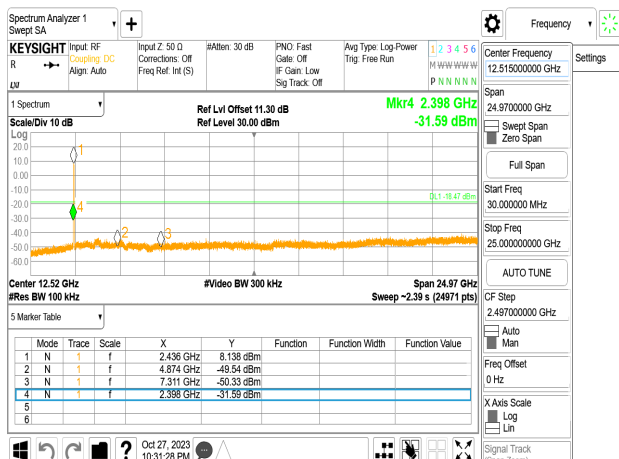
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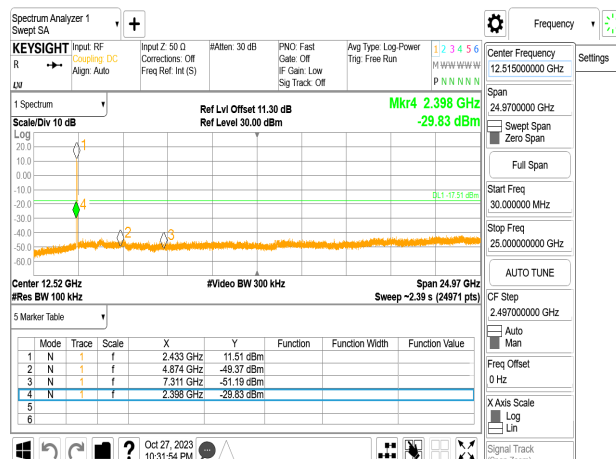
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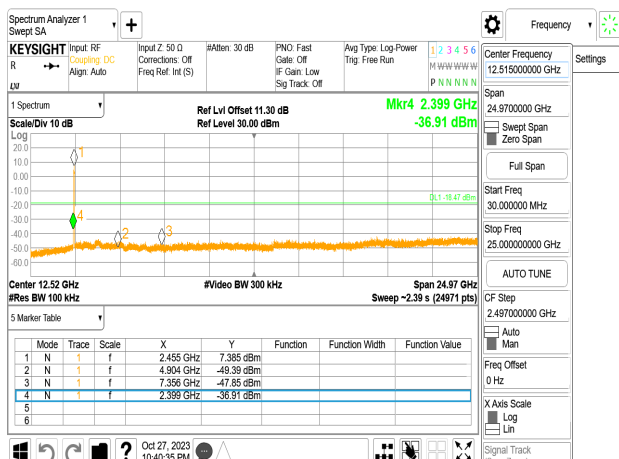
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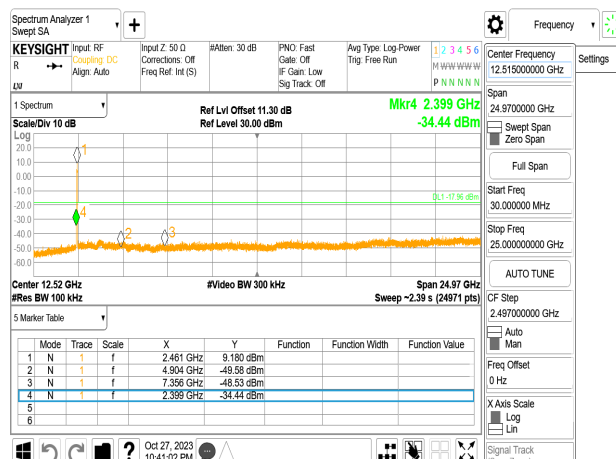
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802.11n\_40MHz\_Chain0\_2452MHz



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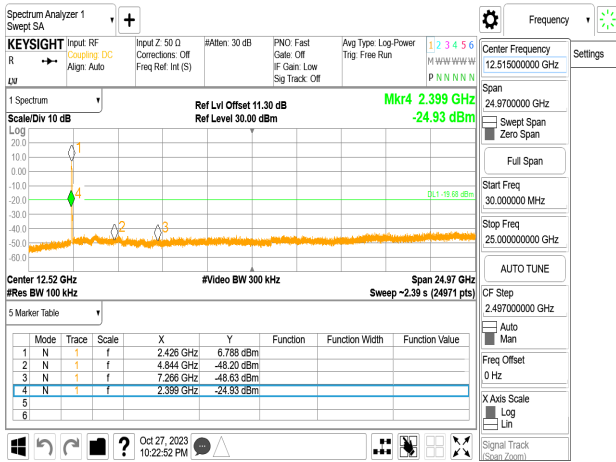


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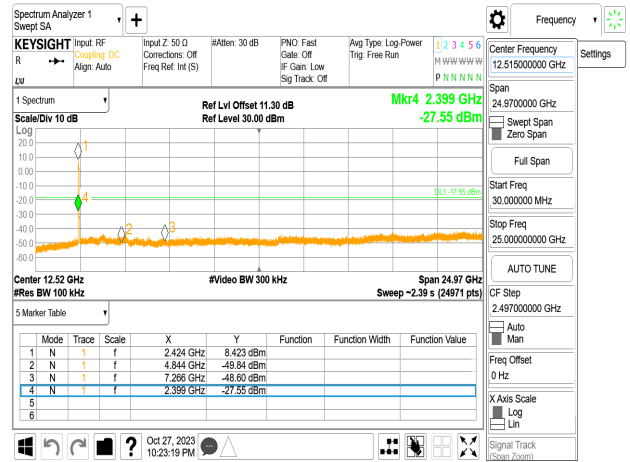
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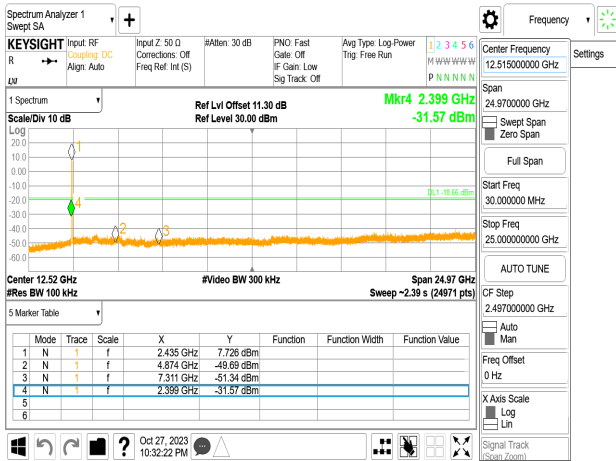
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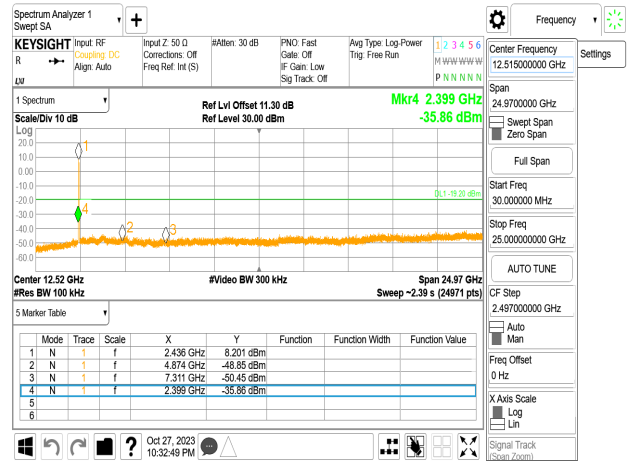
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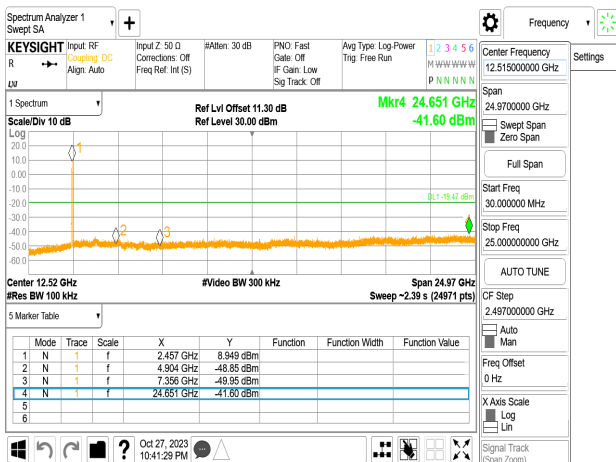
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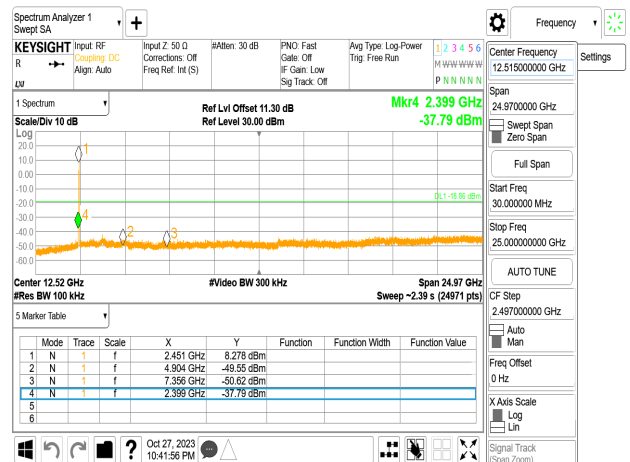
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802.11n\_40MHz\_Chain2\_2452MHz



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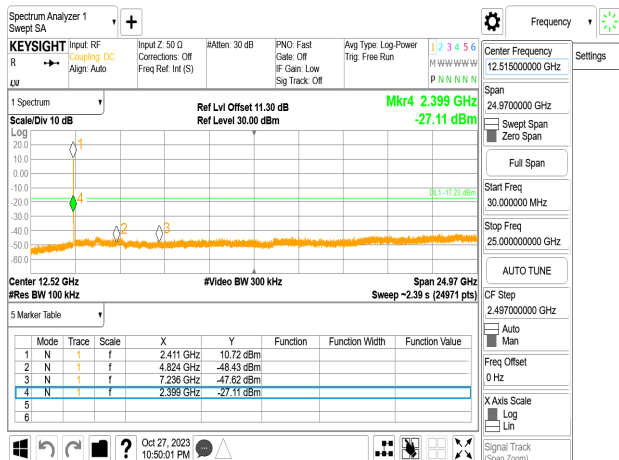


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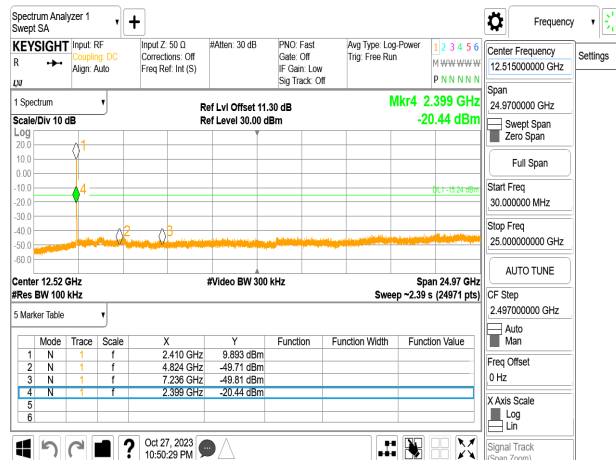
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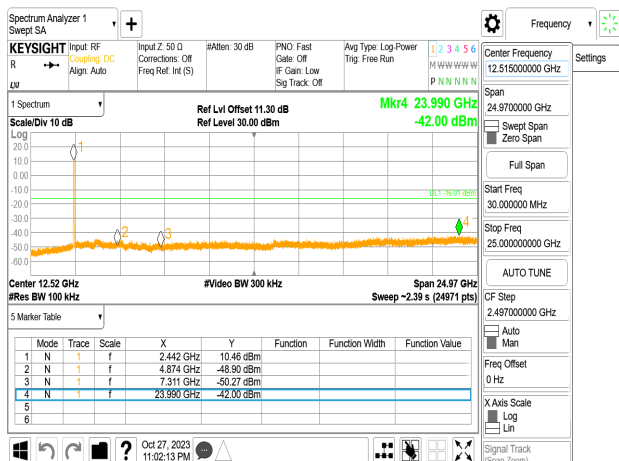
802.11be\_20MHz\_Chain0\_2412MHz



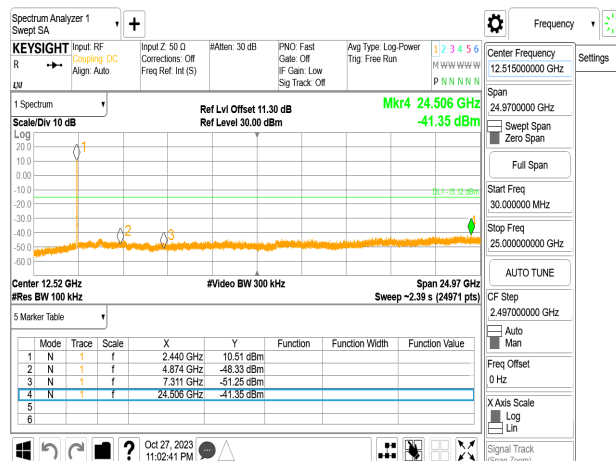
802.11be\_20MHz\_Chain1\_2412MHz



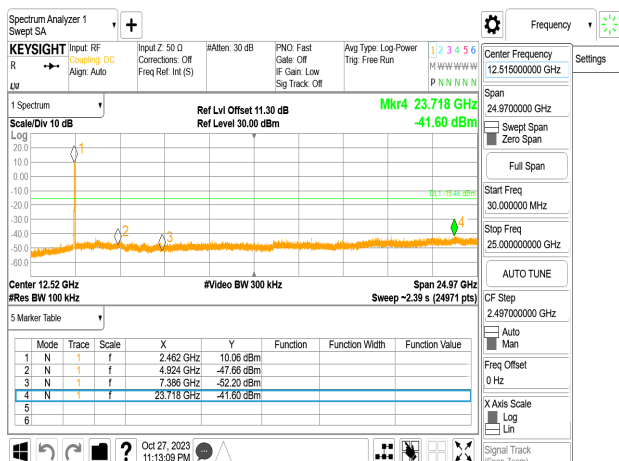
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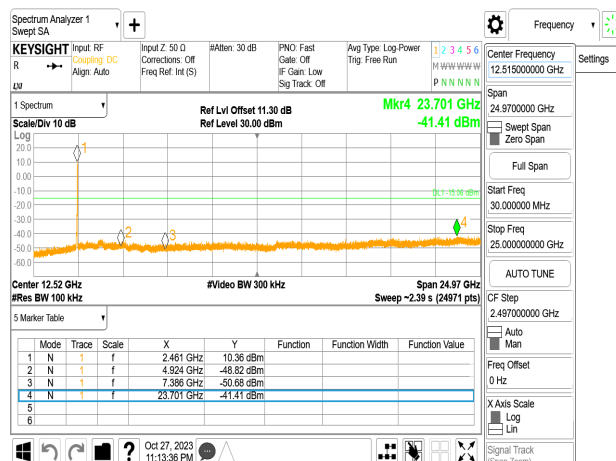
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802.11be\_20MHz\_Chain0\_2462MHz



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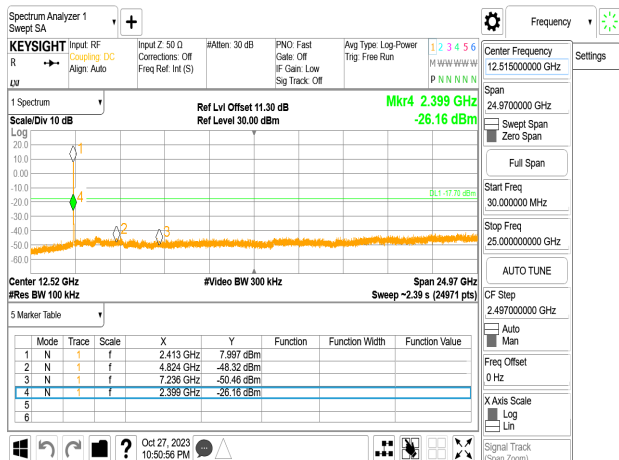


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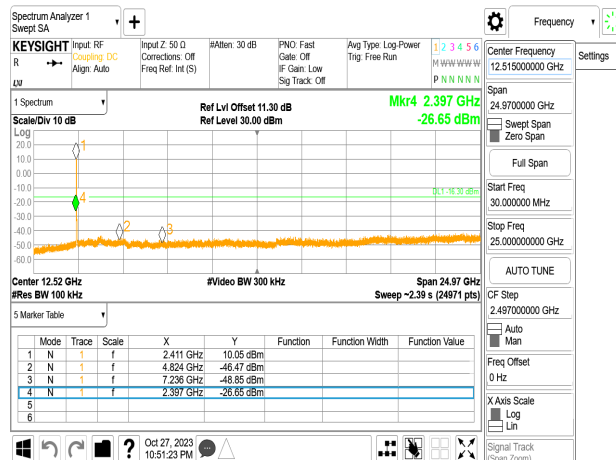
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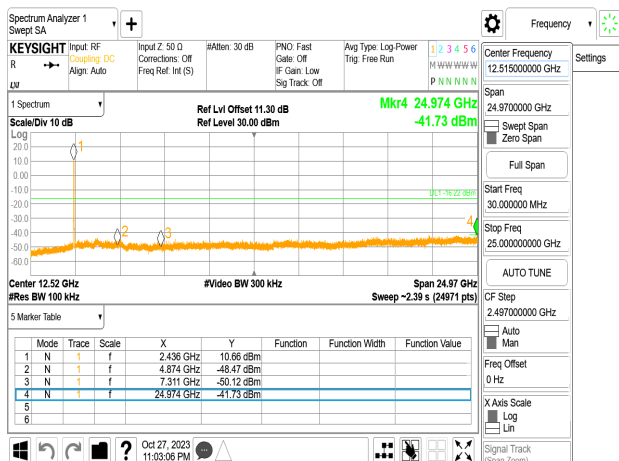
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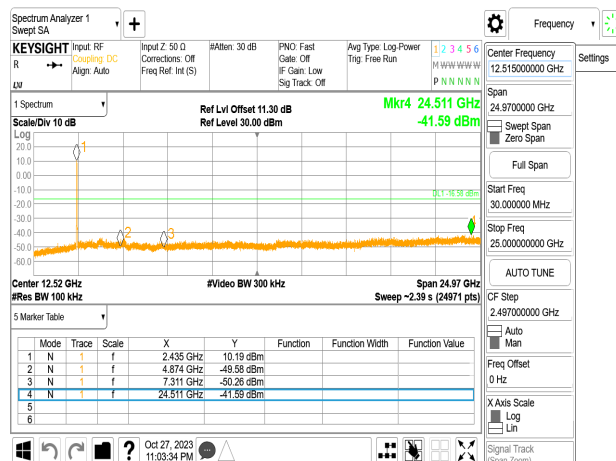
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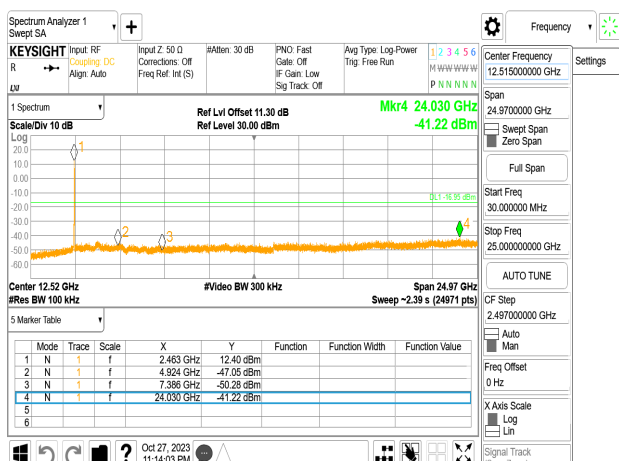
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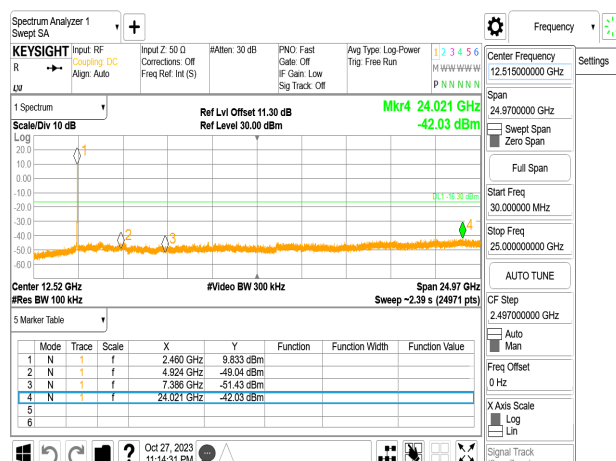
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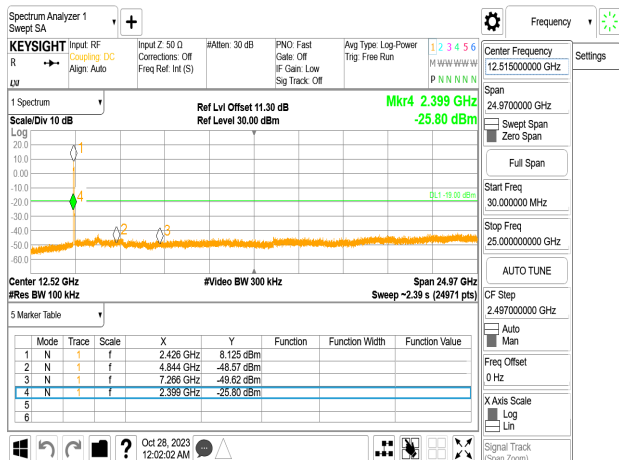


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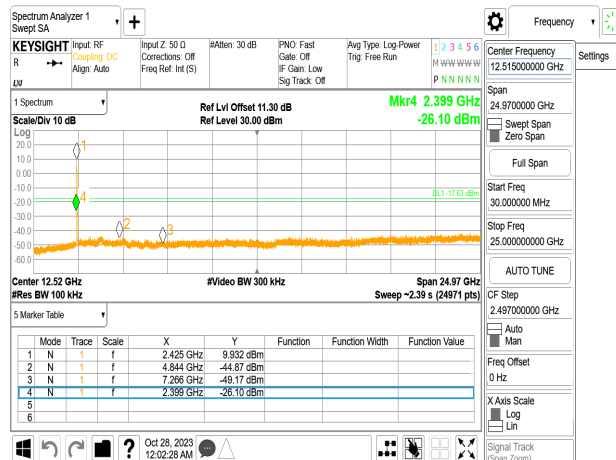
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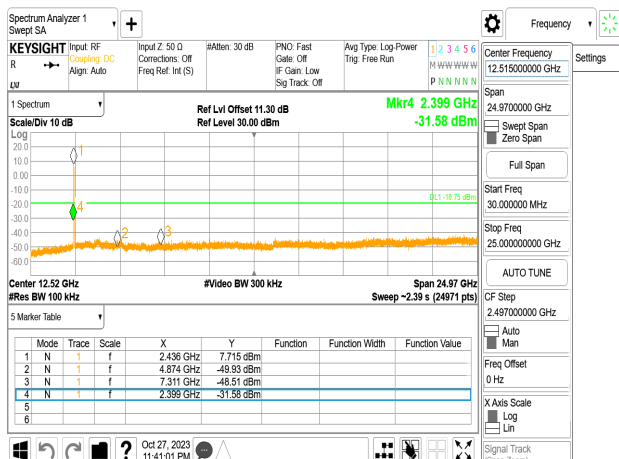
802.11be\_40MHz\_Chain0\_2422MHz



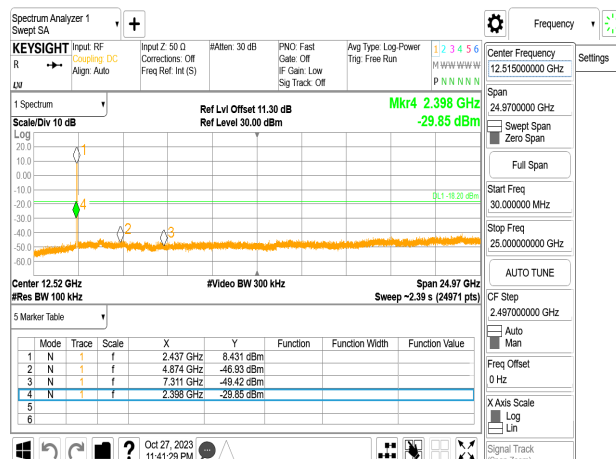
802.11be\_40MHz\_Chain1\_2422MHz



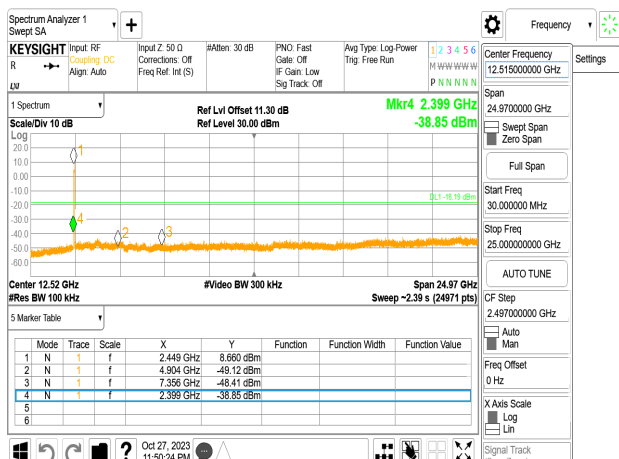
802.11be\_40MHz\_Chain0\_2437MHz



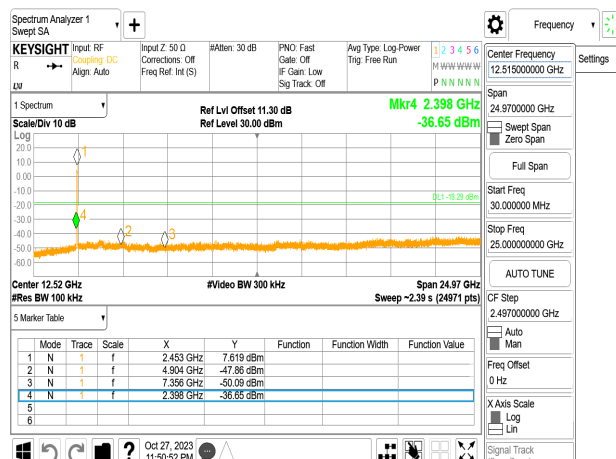
802.11be\_40MHz\_Chain1\_2437MHz



802.11be\_40MHz\_Chain0\_2452MHz



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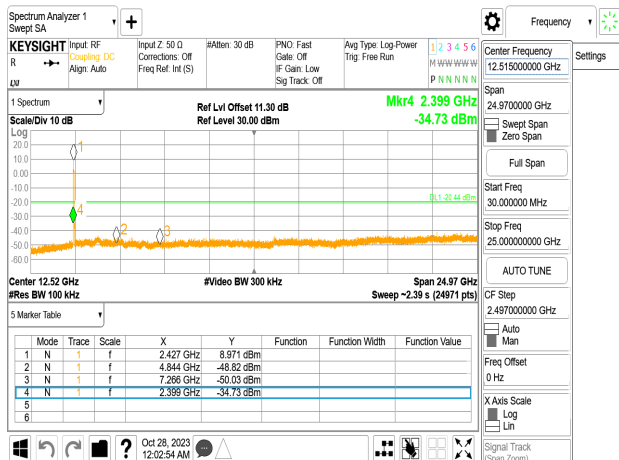
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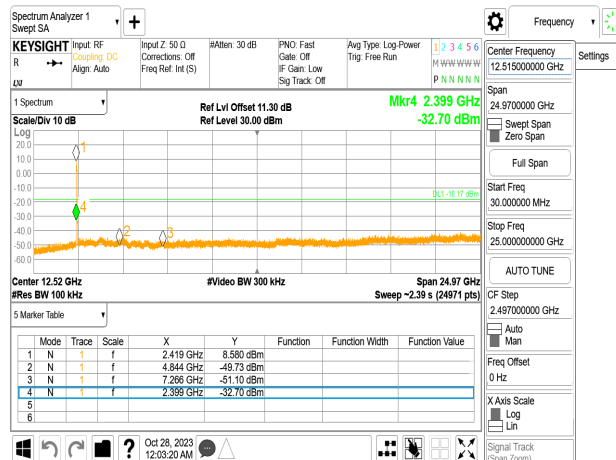
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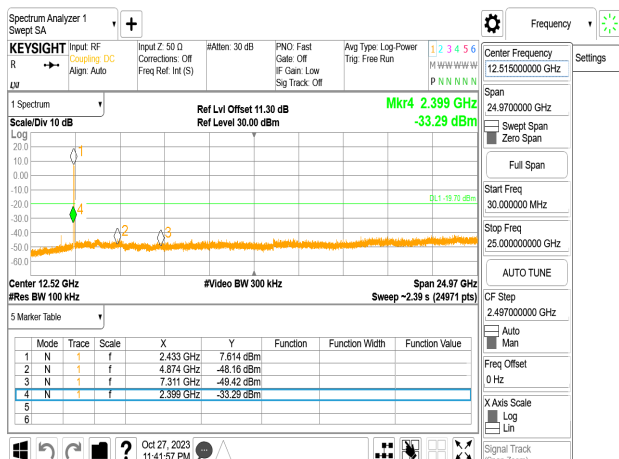
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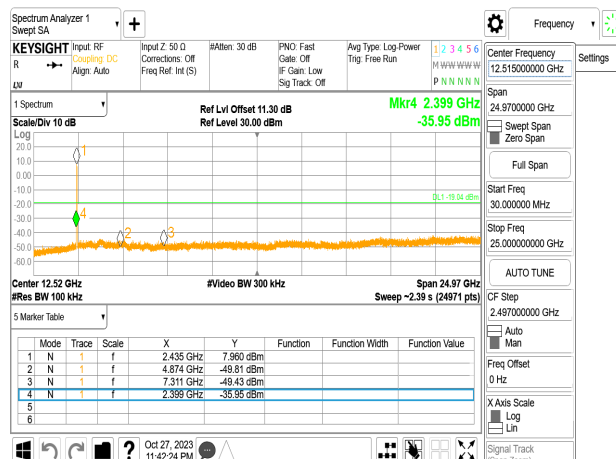
802.11be\_40MHz\_Chain3\_2422MHz



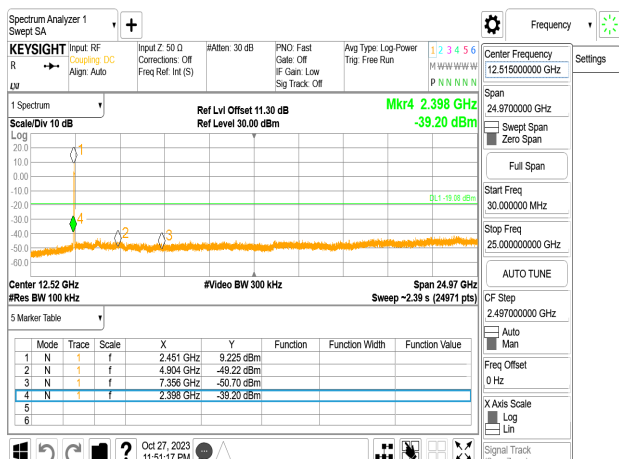
802.11be\_40MHz\_Chain2\_2437MHz



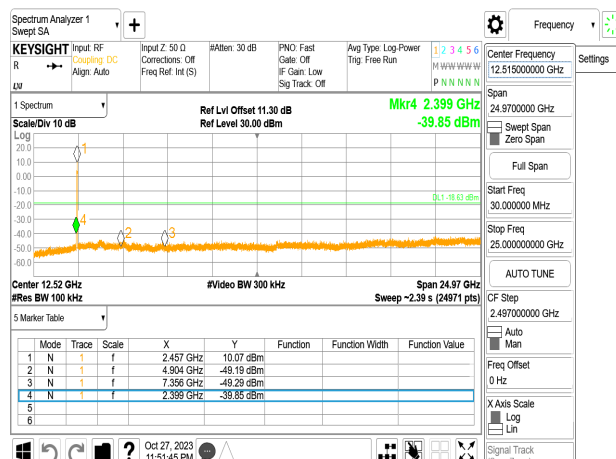
802.11be\_40MHz\_Chain3\_2437MHz



802.11be\_40MHz\_Chain2\_2452MHz



802.11be\_40MHz\_Chain3\_2452MHz



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## 11 RADIATED BANDEDGE AND SPURIOUS EMISSION MEASUREMENT

### 11.1 Standard Applicable

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits or if the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval the attenuation required under this paragraph shall be 30 dB instead of 20 dB. In addition, radiated emissions which fall in the restricted bands must also comply with the §15.209 limit as below.

And according to §15.33(a) (1), for an intentional radiator operates below 10GHz, the frequency range of measurements: to the tenth harmonic of the highest fundamental frequency or to 40GHz, whichever is lower.

Frequency (MHz)	Field strength (microvolts/meter)	Distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

**Note:**

1. The lower limit shall apply at the transition frequencies.

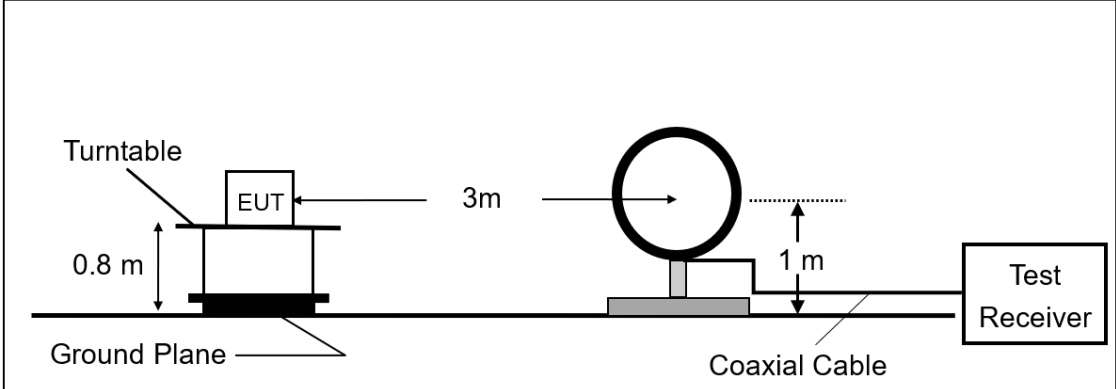
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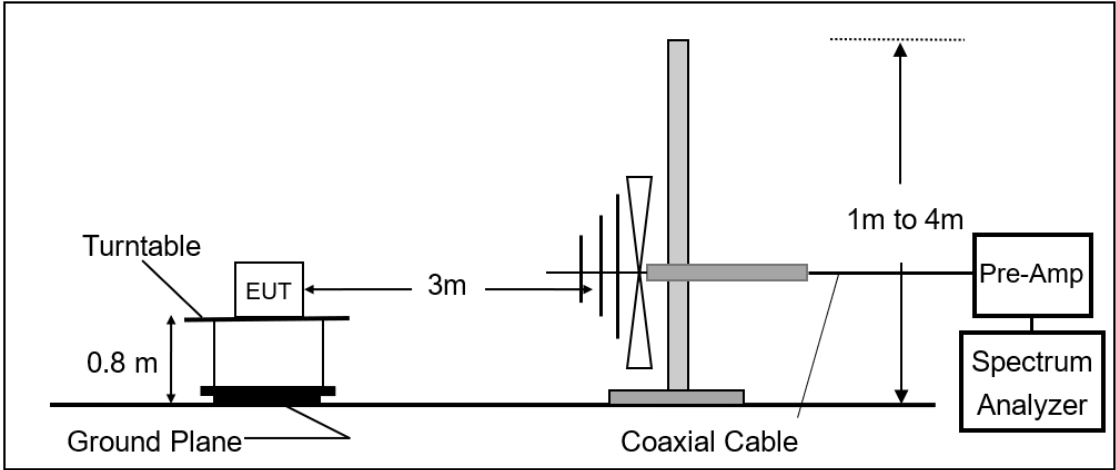


11.2 Test Setup

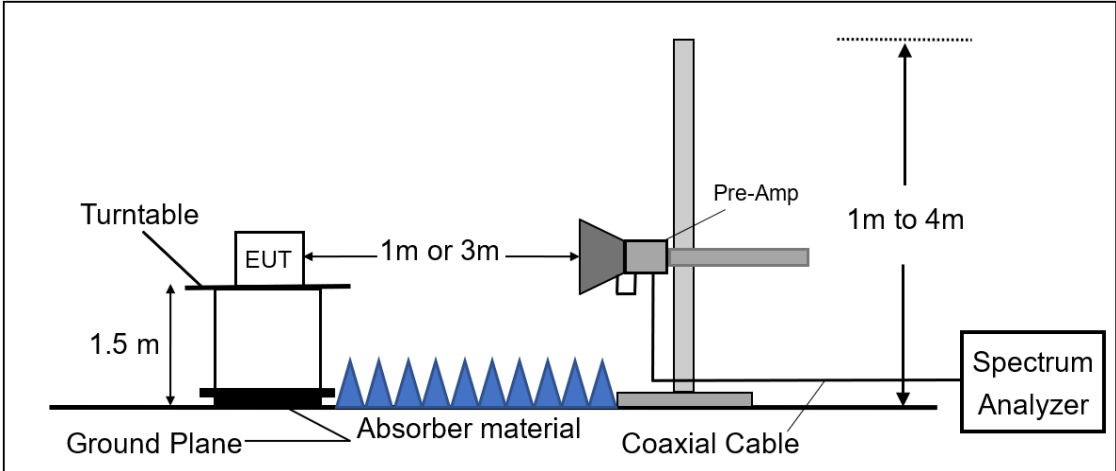
(A) Radiated Emission Test Set-Up, Frequency Below 30MHz.



(B) Radiated Emission Test Set-Up, Frequency From 30MHz to 1000MHz.



(C) Radiated Emission Test Set-Up, Frequency Above 1GHz.



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### 11.3 Measurement Procedure

1. The testing follows the Measurement Procedure of FCC KDB 558074 D01 DTS Meas. Guidance and C63.10 section 11.11 Emissions in non-restricted frequency bands and section 11.12 Emissions in restricted frequency bands.
2. The EUT was placed on a turn table with 0.8m for frequency < 1GHz and 1.5m for frequency > 1GHz above ground plane.
3. The turn table shall rotate 360 degrees to determine the position of maximum emission level.
4. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emissions.
5. Set the spectrum analyzer as RBW=100 kHz and VBW=300 kHz for Peak Detector at frequency between 30MHz and 1 GHz.
6. Use receiver mode as RBW=120 kHz for Quasi-peak (QP) at frequency between 30MHz and 1 GHz.
7. Set the spectrum analyzer as RBW=1 MHz, VBW=3 MHz for Maximum Emission Measurements at frequency above 1 GHz.
8. Set the spectrum analyzer as RBW=1 MHz, VBW=10 Hz (Duty cycle > 98%) or VBW ≥ 1/T (Duty cycle < 98%) for Average Emission Measurements at frequency above 1 GHz.
9. When measurement procedures for electric field radiated emissions above 1 GHz the EUT measurement is to be made “while keeping the antenna in the ‘cone of radiation’ from that area and pointed at the area both in azimuth and elevation, with polarization oriented for maximum response.” is still within the 3dB illumination BW of the measurement antenna.
10. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
11. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
12. Repeat above procedures until all default test channel measured were complete.

### 11.4 Field Strength Calculation

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading.

The basic equation with a sample calculation is as follows:

$$FS = RA + AF + CL - AG$$

**Where** *FS = Field Strength*

*CL = Cable Attenuation Factor (Cable Loss)*

*RA = Reading Amplitude*

*AG = Amplifier Gain*

*AF = Antenna Factor*

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The limit of the emission level is expressed in dBuV/m, which converts  $20 \cdot \log(\mu\text{V}/\text{m})$

$\text{Actual FS}(\text{dB}\mu\text{V}/\text{m}) = \text{SPA. Reading level}(\text{dB}\mu\text{V}) + \text{Factor}(\text{dB})$

$\text{Factor}(\text{dB}) = \text{Antenna Factor}(\text{dB}\mu\text{V}/\text{m}) + \text{Cable Loss}(\text{dB}) - \text{Pre\_Amplifier Gain}(\text{dB})$

## 11.5 Test Results of Radiated Spurious Emissions from 9 kHz to 30 MHz

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit per 15.31(o) was not reported.

## 11.6 Measurement Result

### Note:

1. Refer to next page spectrum analyzer data chart and tabular data sheets.
2. Measurements are completed at peak and average level, the mark of average is the highest emission in restricted bands

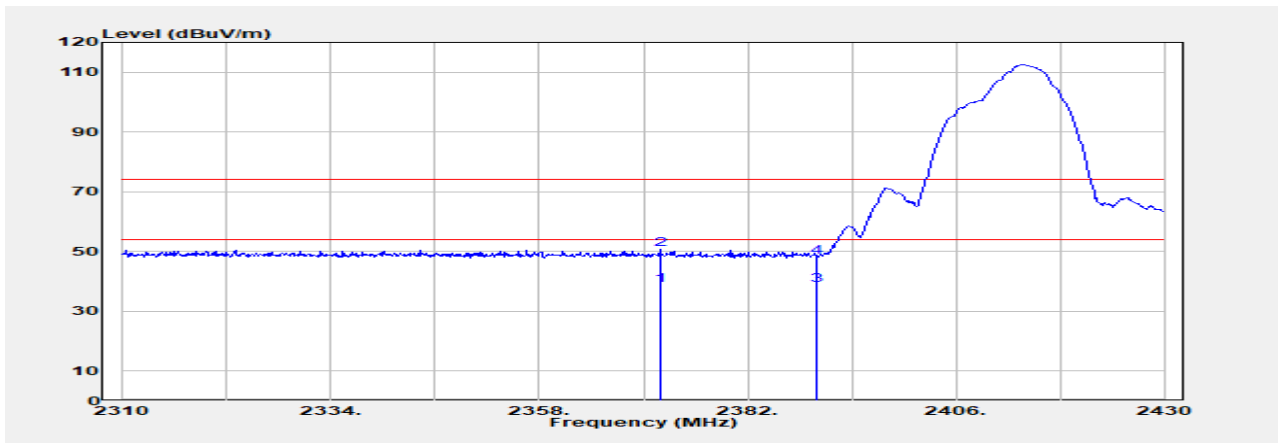
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11.6.1 Radiated Band Edge Measurement Result

Mode: CDD

Report Number	:TERF2308001922E2	Test Site	:SAC G Chamber
Operation Mode	:802.11b	Test Date	:2023-08-14
Test Frequency	:2412 MHz	Temp./Humi.	:25.6°C/55%
Test Mode	:Bandedge	Antenna Pol.	:Vertical
EUT Pol	:E2 Plane	Engineer	:Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level	dB	FS	@3m	dB
	PK/QP/AVG	dBμV		dBuV/m	dBuV/m	
2371.920	Average	42.13	-3.42	38.72	54.00	-15.28
2371.920	Peak	54.06	-3.42	50.64	74.00	-23.36
2390.000	Average	42.17	-3.51	38.66	54.00	-15.34
2390.000	Peak	51.71	-3.51	48.20	74.00	-25.80

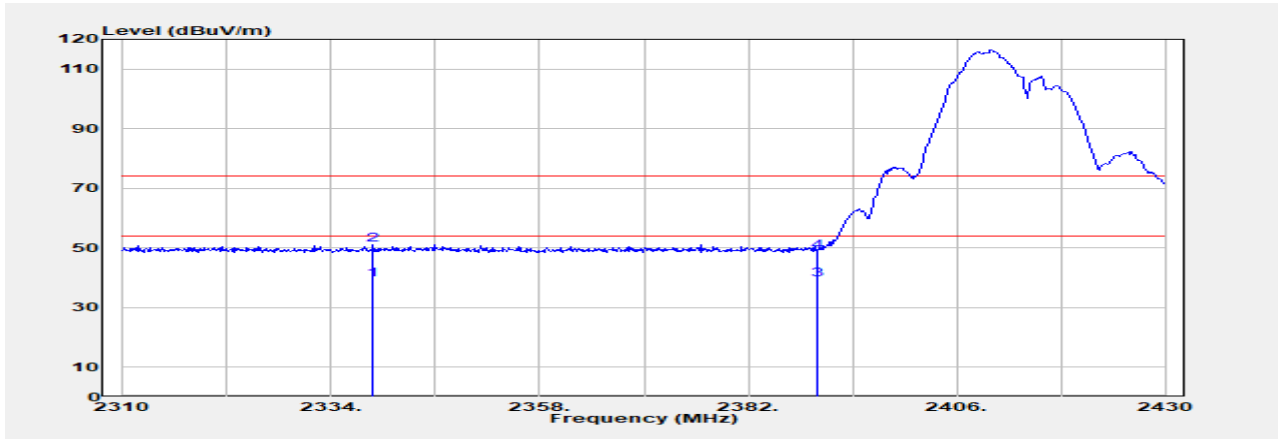
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Report Number :TERF2308001922E2  
 Operation Mode :802.11b  
 Test Frequency :2412 MHz  
 Test Mode :Bandedge  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-14  
 Temp./Humi. :25.6°C/55%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



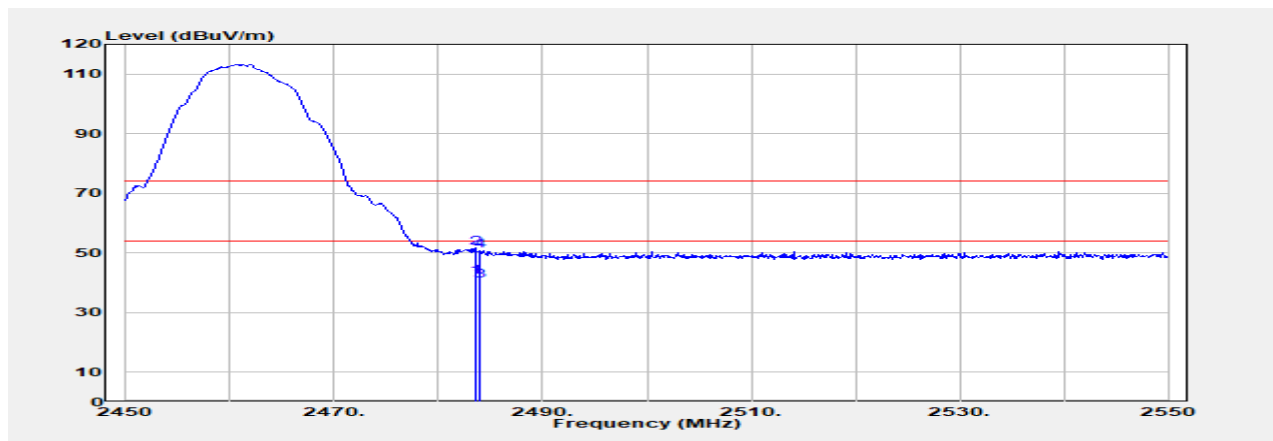
Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
2338.800	Average	42.50	-3.29	39.21	54.00	-14.79
2338.800	Peak	54.44	-3.29	51.15	74.00	-22.85
2390.000	Average	42.91	-3.51	39.40	54.00	-14.60
2390.000	Peak	52.43	-3.51	48.92	74.00	-25.08

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Report Number :TERF2308001922E2  
 Operation Mode :802.11b  
 Test Frequency :2462 MHz  
 Test Mode :Bandedge  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-07  
 Temp./Humi. :26.0°C/54%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
2483.500	Average	45.56	-3.54	42.02	54.00	-11.98
2483.500	Peak	55.26	-3.54	51.72	74.00	-22.28
2484.000	Average	44.19	-3.54	40.65	54.00	-13.35
2484.000	Peak	54.32	-3.54	50.77	74.00	-23.23

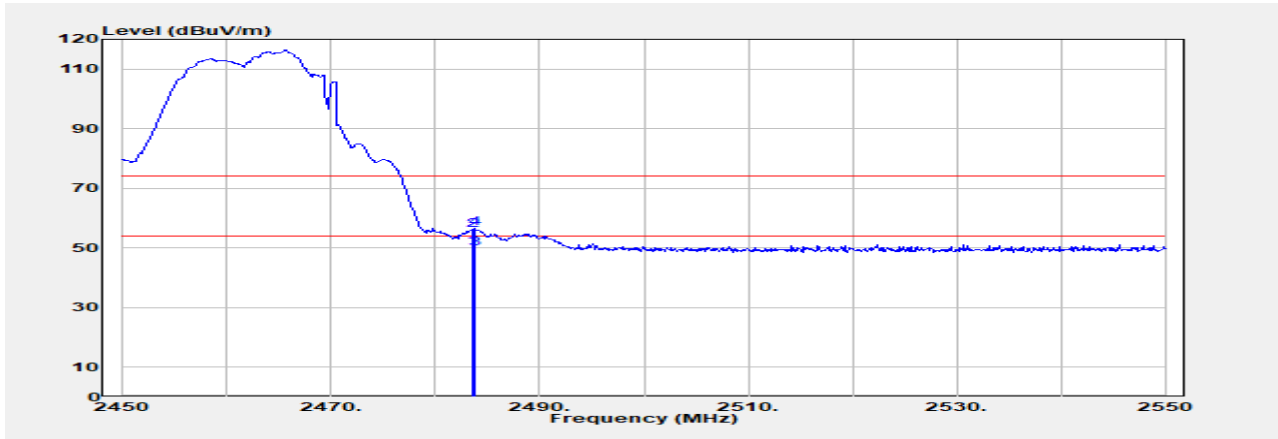
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Report Number	:TERF2308001922E2	Test Site	:SAC G Chamber
Operation Mode	:802.11b	Test Date	:2023-08-07
Test Frequency	:2462 MHz	Temp./Humi.	:26.0°C/54%
Test Mode	:Bandedge	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plane	Engineer	:Temo Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
2483.500	Average	53.68	-3.54	50.14	54.00	-3.86
2483.500	Peak	59.41	-3.54	55.87	74.00	-18.13
2483.700	Average	53.26	-3.54	49.71	54.00	-4.29
2483.700	Peak	60.25	-3.54	56.71	74.00	-17.29

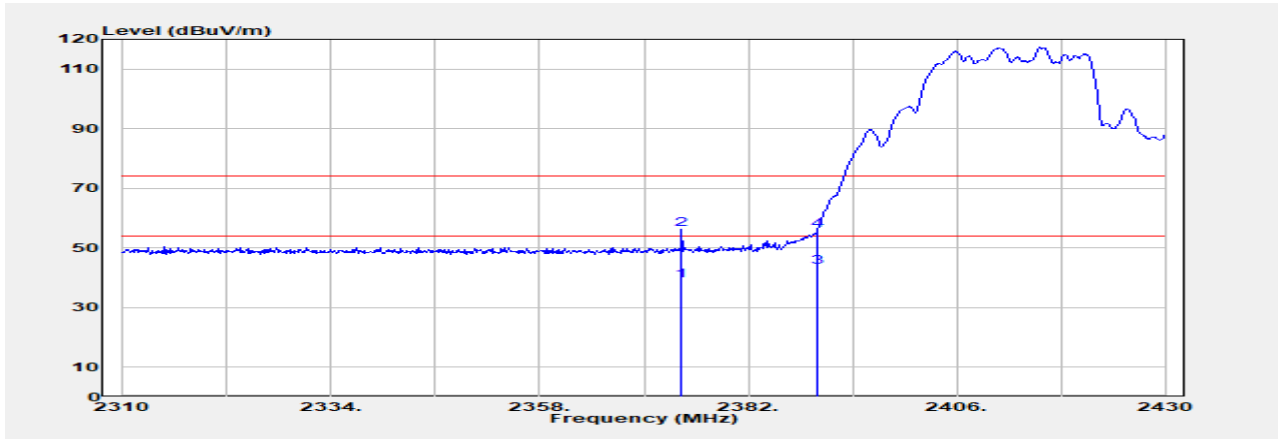
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Report Number :TERF2308001922E2  
 Operation Mode :802.11g  
 Test Frequency :2412 MHz  
 Test Mode :Bandedge  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-22  
 Temp./Humi. :25.1°C/57%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
2374.320	Average	42.38	-3.43	38.95	54.00	-15.05
2374.320	Peak	59.66	-3.43	56.23	74.00	-17.77
2390.000	Average	47.25	-3.51	43.74	54.00	-10.26
2390.000	Peak	59.37	-3.51	55.86	74.00	-18.14

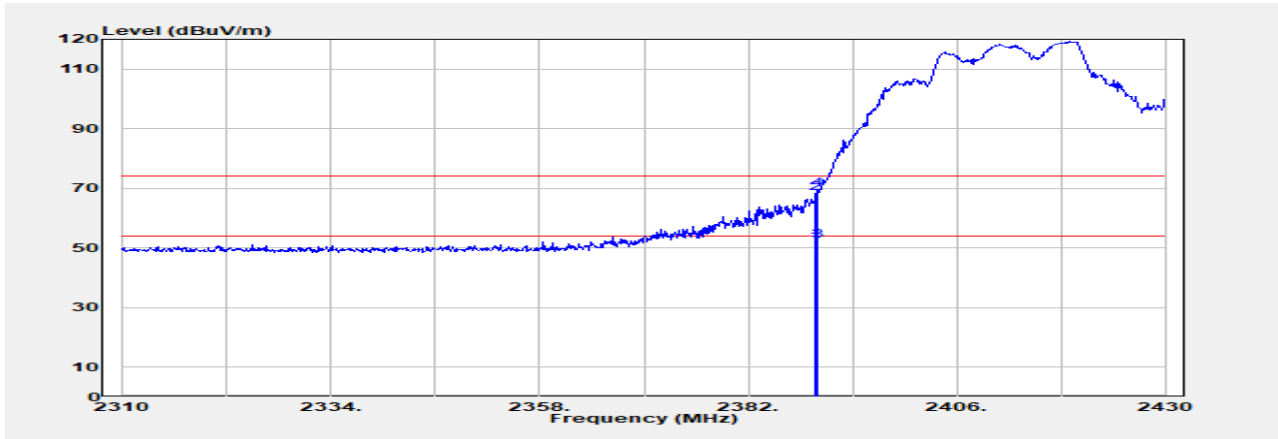
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Report Number :TERF2308001922E2  
 Operation Mode :802.11g  
 Test Frequency :2412 MHz  
 Test Mode :Bandedge  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-22  
 Temp./Humi. :25.1°C/57%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
2389.800	Average	55.12	-3.51	51.61	54.00	-2.39
2389.800	Peak	71.82	-3.51	68.31	74.00	-5.69
2390.000	Average	55.77	-3.51	52.26	54.00	-1.74
2390.000	Peak	72.97	-3.51	69.46	74.00	-4.54

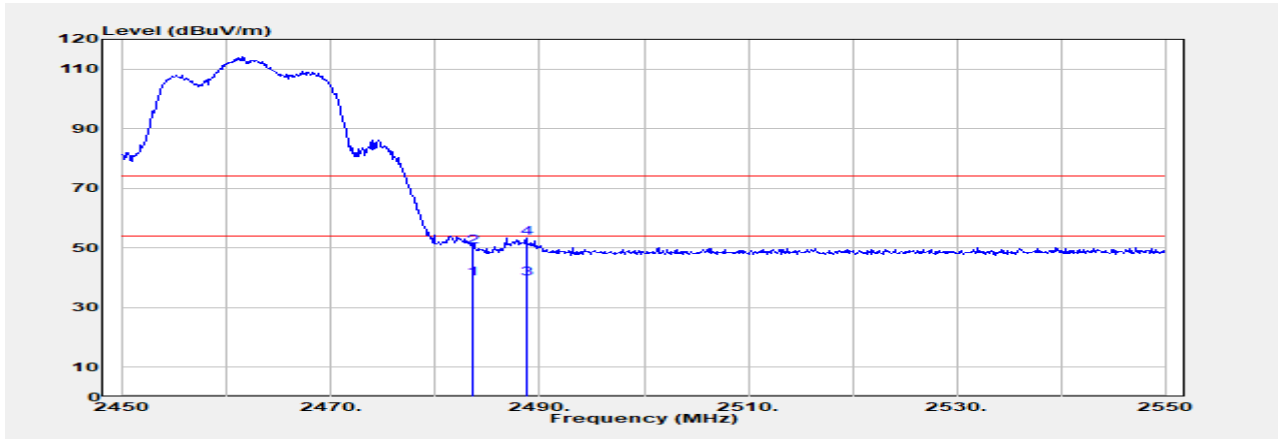
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Report Number :TERF2308001922E2  
 Operation Mode :802.11g  
 Test Frequency :2462 MHz  
 Test Mode :Bandedge  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-22  
 Temp./Humi. :25.1°C/57%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
2483.500	Average	43.20	-3.54	39.65	54.00	-14.35
2483.500	Peak	53.95	-3.54	50.40	74.00	-23.60
2488.700	Average	43.27	-3.54	39.73	54.00	-14.27
2488.700	Peak	56.81	-3.54	53.27	74.00	-20.73

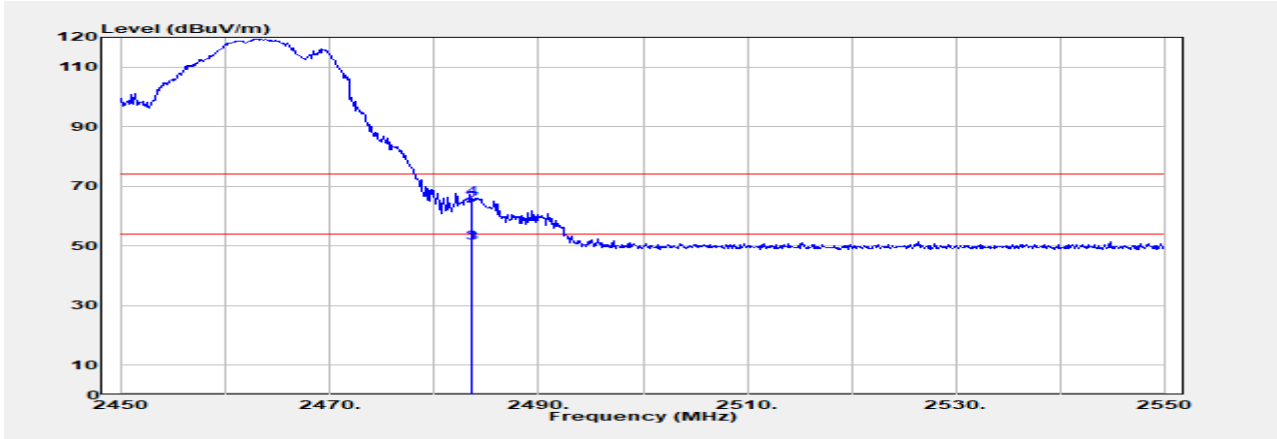
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Report Number :TERF2308001922E2  
 Operation Mode :802.11g  
 Test Frequency :2462 MHz  
 Test Mode :Bandedge  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-22  
 Temp./Humi. :25.1°C/57%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
2483.500	Average	54.53	-3.54	50.98	54.00	-3.02
2483.500	Peak	67.91	-3.54	64.37	74.00	-9.63
2483.600	Average	54.59	-3.54	51.04	54.00	-2.96
2483.600	Peak	69.56	-3.54	66.01	74.00	-7.99

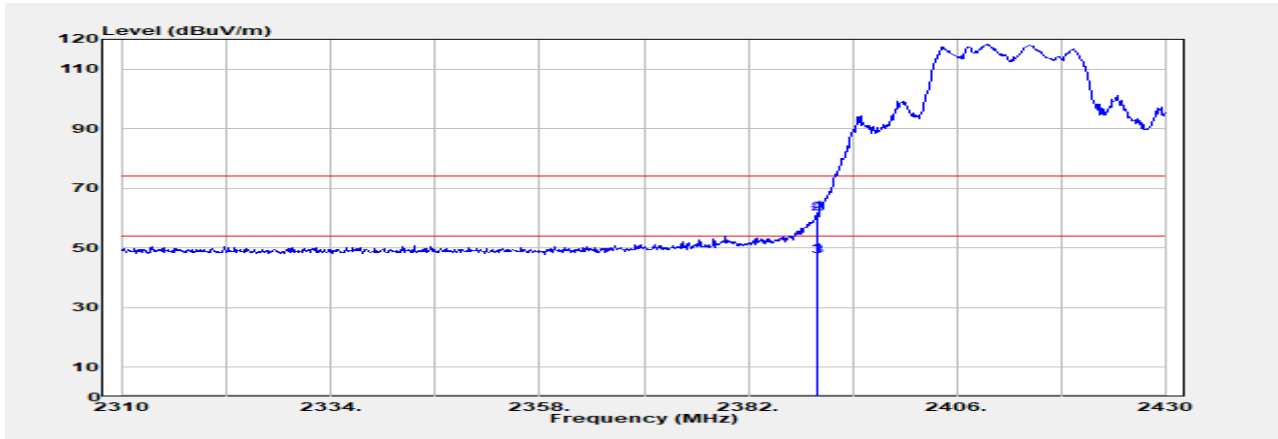
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Report Number :TERF2308001922E2  
 Operation Mode :802.11n20  
 Test Frequency :2412 MHz  
 Test Mode :Bandedge  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-22  
 Temp./Humi. :25.1°C/57%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
2389.920	Average	50.98	-3.51	47.47	54.00	-6.53
2389.920	Peak	65.12	-3.51	61.62	74.00	-12.38
2390.000	Average	50.58	-3.51	47.07	54.00	-6.93
2390.000	Peak	65.42	-3.51	61.91	74.00	-12.09

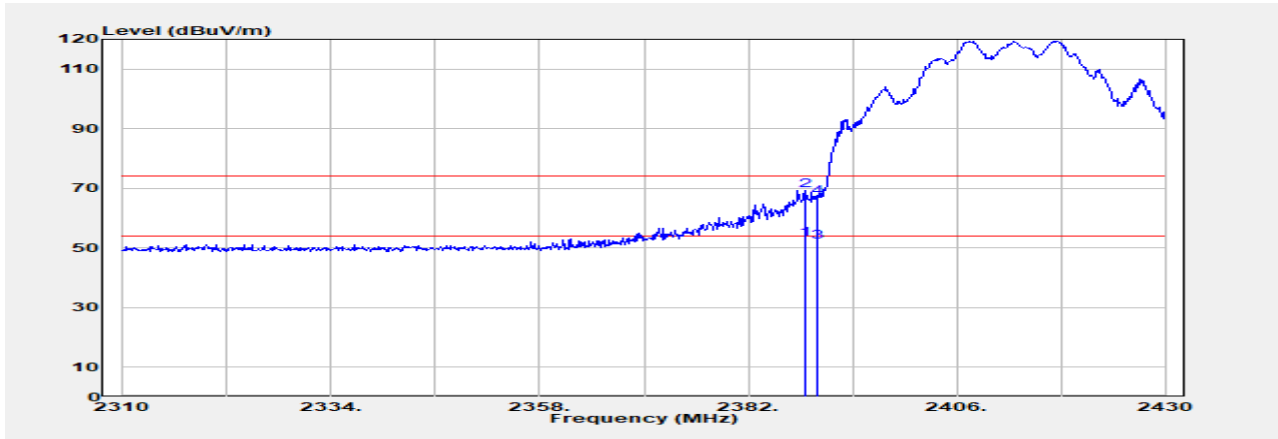
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Report Number :TERF2308001922E2  
 Operation Mode :802.11n20  
 Test Frequency :2412 MHz  
 Test Mode :Bandedge  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-22  
 Temp./Humi. :25.1°C/57%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



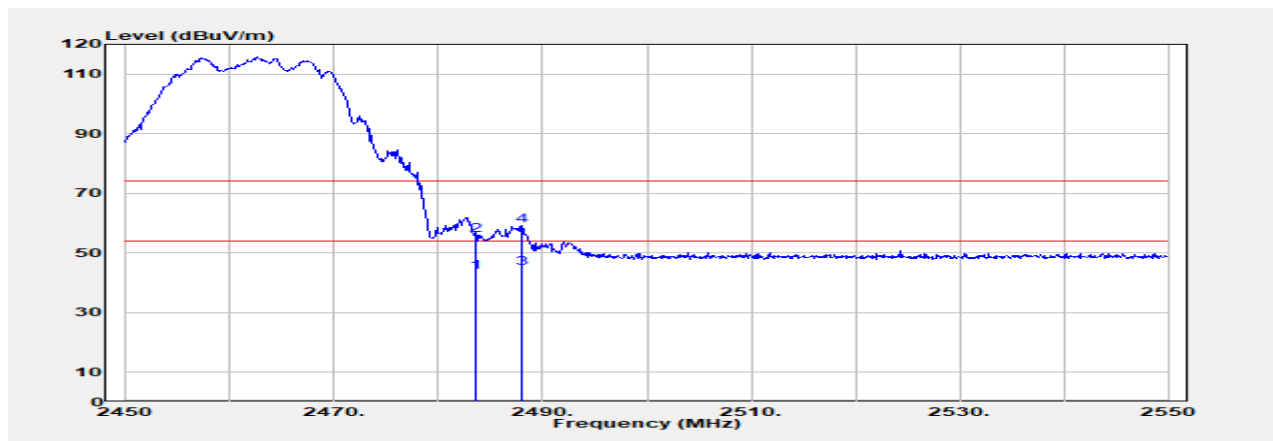
Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
2388.480	Average	56.54	-3.50	53.04	54.00	-0.96
2388.480	Peak	72.73	-3.50	69.23	74.00	-4.77
2390.000	Average	55.58	-3.51	52.07	54.00	-1.93
2390.000	Peak	70.55	-3.51	67.04	74.00	-6.96

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Report Number :TERF2308001922E2  
 Operation Mode :802.11n20  
 Test Frequency :2462 MHz  
 Test Mode :Bandedge  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-22  
 Temp./Humi. :25.1°C/57%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen

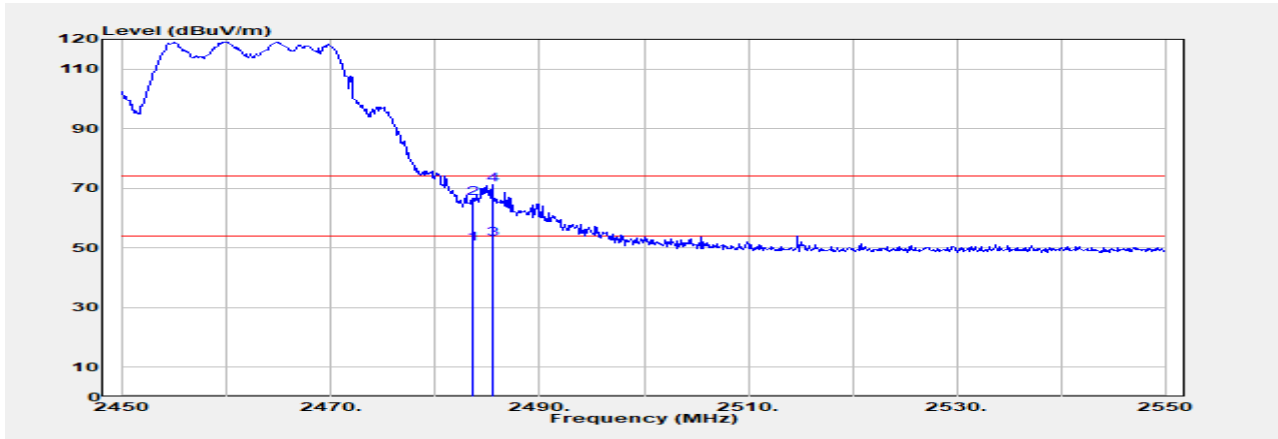


Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
2483.500	Average	47.17	-3.54	43.63	54.00	-10.37
2483.500	Peak	59.55	-3.54	56.00	74.00	-18.00
2488.000	Average	48.54	-3.54	45.00	54.00	-9.00
2488.000	Peak	62.67	-3.54	59.13	74.00	-14.87

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Report Number	:TERF2308001922E2	Test Site	:SAC G Chamber
Operation Mode	:802.11n20	Test Date	:2023-08-22
Test Frequency	:2462 MHz	Temp./Humi.	:25.1°C/57%
Test Mode	:Bandedge	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plane	Engineer	:Temo Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
2483.500	Average	54.83	-3.54	51.28	54.00	-2.72
2483.500	Peak	70.20	-3.54	66.66	74.00	-7.34
2485.400	Average	56.43	-3.54	52.89	54.00	-1.11
2485.400	Peak	74.70	-3.54	71.16	74.00	-2.84

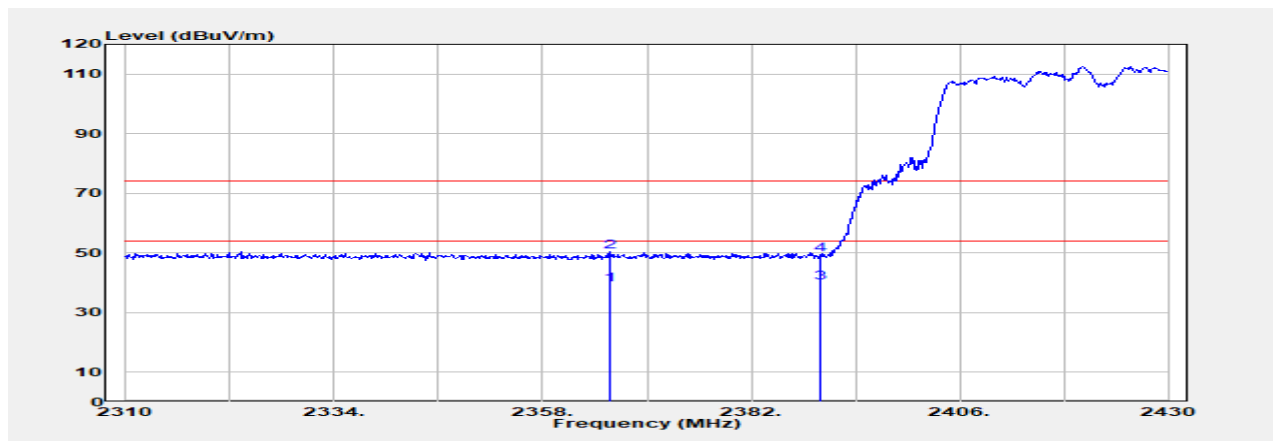
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Report Number :TERF2308001922E2  
 Operation Mode :802.11n40  
 Test Frequency :2422 MHz  
 Test Mode :Bandedge  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-22  
 Temp./Humi. :25.1°C/57%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
2365.680	Average	42.77	-3.39	39.38	54.00	-14.62
2365.680	Peak	53.81	-3.39	50.43	74.00	-23.57
2390.000	Average	43.35	-3.51	39.84	54.00	-14.16
2390.000	Peak	52.89	-3.51	49.38	74.00	-24.62

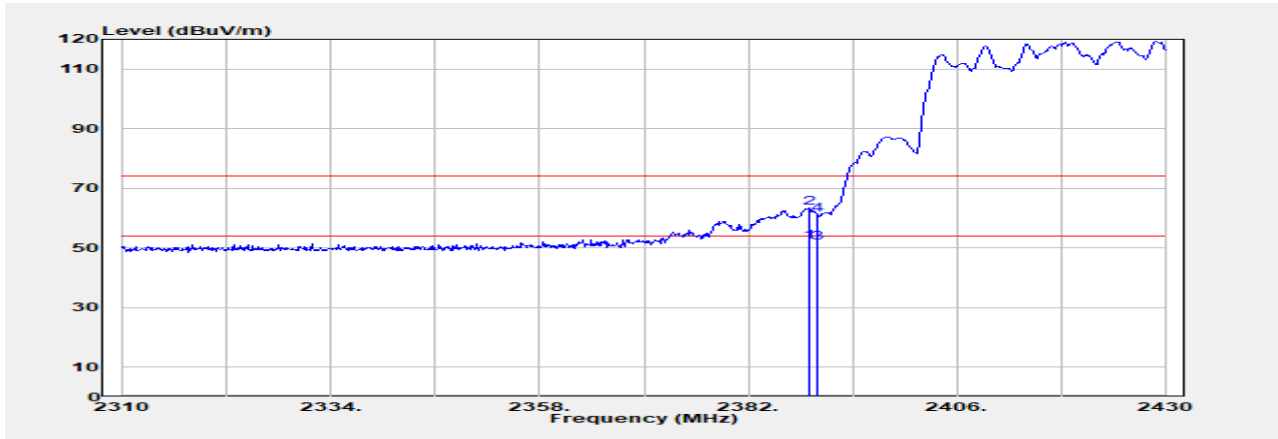
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Report Number :TERF2308001922E2  
 Operation Mode :802.11n40  
 Test Frequency :2422 MHz  
 Test Mode :Bandedge  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-22  
 Temp./Humi. :25.1°C/57%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



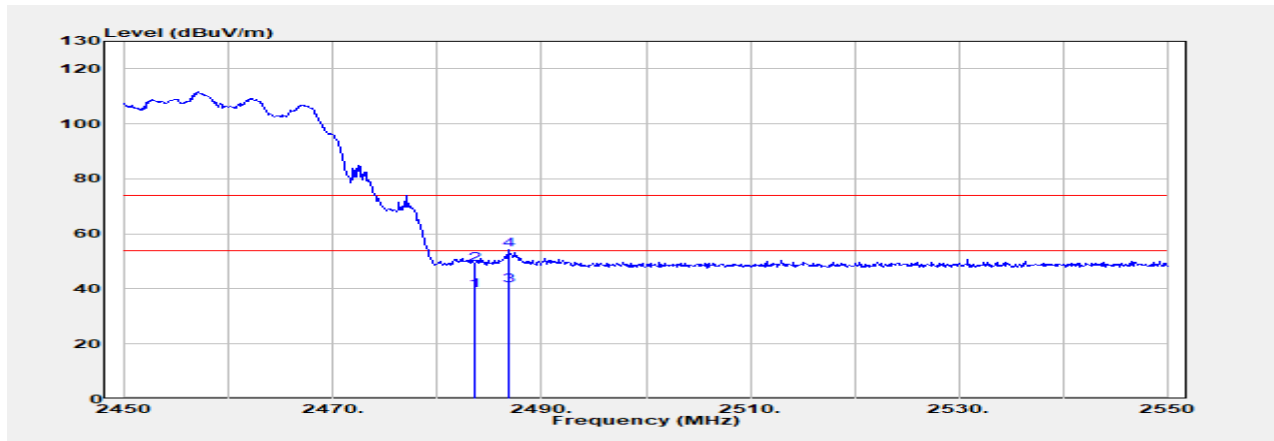
Freq. MHz	Detector Mode	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
2388.960	Average	55.42	-3.50	51.92	54.00	-2.08
2388.960	Peak	66.77	-3.50	63.27	74.00	-10.73
2390.000	Average	55.18	-3.51	51.67	54.00	-2.33
2390.000	Peak	64.51	-3.51	61.00	74.00	-13.00

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Report Number :TERF2308001922E2  
 Operation Mode :802.11n40  
 Test Frequency :2452 MHz  
 Test Mode :Bandedge  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-21  
 Temp./Humi. :25.1°C/57%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
2483.500	Average	42.94	-3.54	39.39	54.00	-14.61
2483.500	Peak	52.46	-3.54	48.92	74.00	-25.08
2486.800	Average	44.74	-3.54	41.20	54.00	-12.80
2486.800	Peak	57.63	-3.54	54.09	74.00	-19.91

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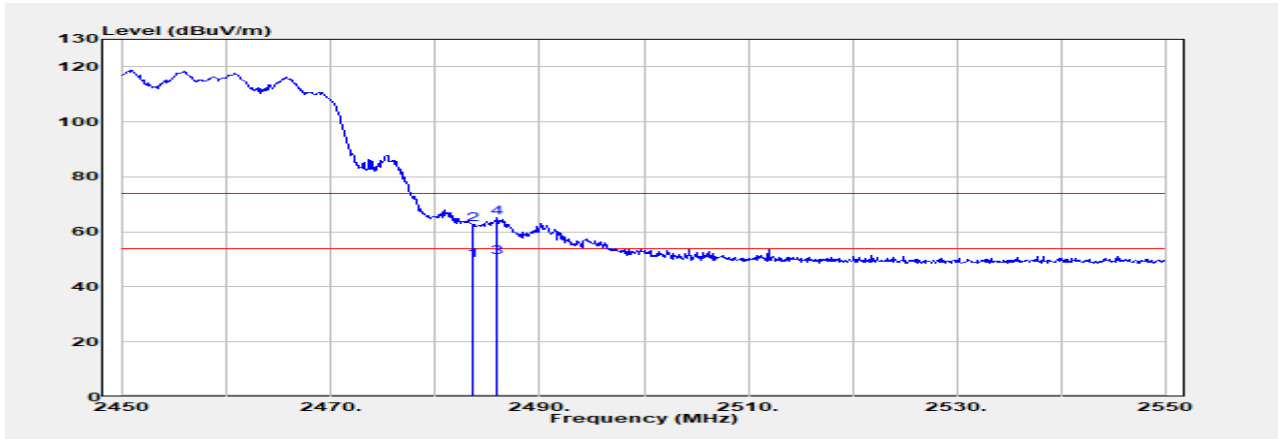
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Report Number :TERF2308001922E2  
 Operation Mode :802.11n40  
 Test Frequency :2452 MHz  
 Test Mode :Bandedge  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-21  
 Temp./Humi. :25.1°C/57%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
2483.500	Average	53.25	-3.54	49.71	54.00	-4.29
2483.500	Peak	66.25	-3.54	62.70	74.00	-11.30
2485.900	Average	54.40	-3.54	50.86	54.00	-3.14
2485.900	Peak	68.63	-3.54	65.09	74.00	-8.91

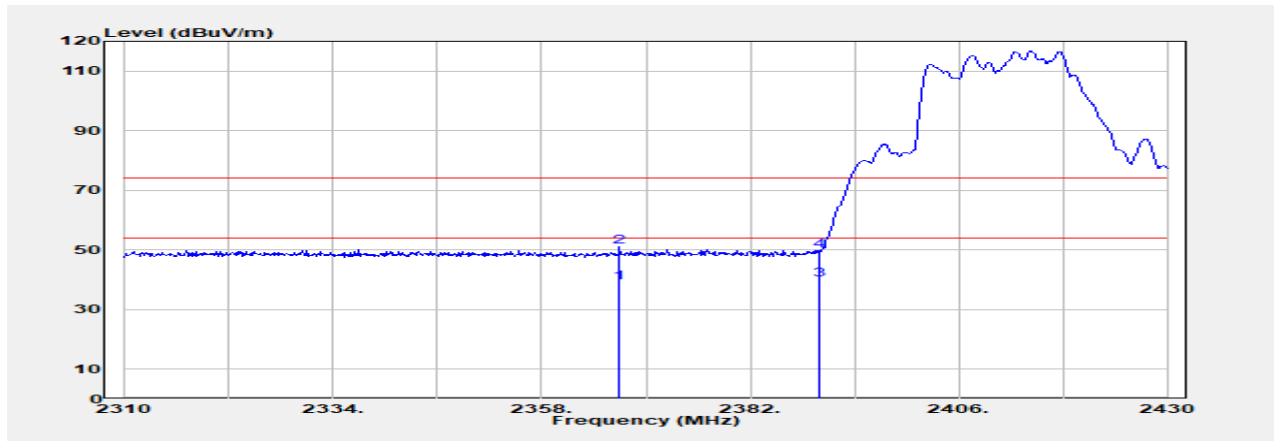
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Report Number :TERF2308001922E2  
 Operation Mode :802.11be20  
 Test Frequency :2412 MHz  
 Test Mode :Bandedge  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-22  
 Temp./Humi. :25.1°C/57%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
2367.000	Average	42.43	-3.39	39.04	54.00	-14.96
2367.000	Peak	54.57	-3.39	51.18	74.00	-22.82
2390.000	Average	43.49	-3.51	39.98	54.00	-14.02
2390.000	Peak	53.39	-3.51	49.88	74.00	-24.12

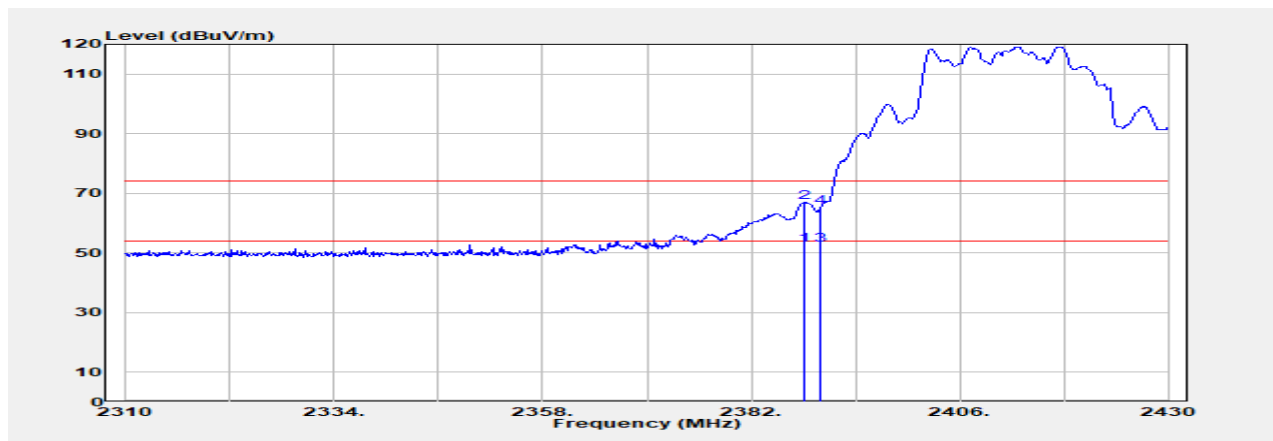
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Report Number :TERF2308001922E2  
 Operation Mode :802.11be20  
 Test Frequency :2412 MHz  
 Test Mode :Bandedge  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-22  
 Temp./Humi. :25.1°C/57%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
2388.120	Average	56.21	-3.50	52.71	54.00	-1.29
2388.120	Peak	70.40	-3.50	66.90	74.00	-7.10
2390.000	Average	56.20	-3.51	52.69	54.00	-1.31
2390.000	Peak	68.73	-3.51	65.22	74.00	-8.78

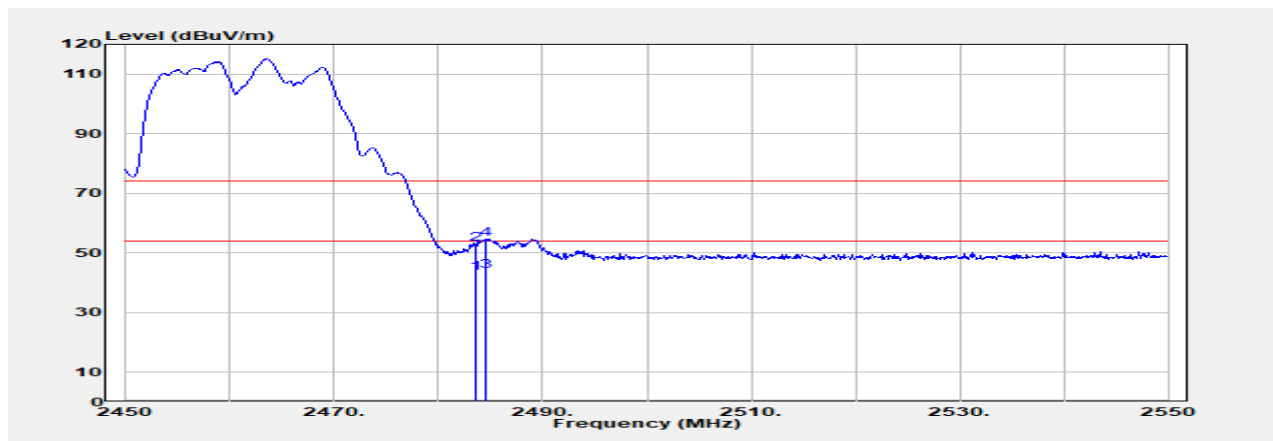
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Report Number :TERF2308001922E2  
 Operation Mode :802.11be20  
 Test Frequency :2462 MHz  
 Test Mode :Bandedge  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-22  
 Temp./Humi. :25.1°C/57%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen

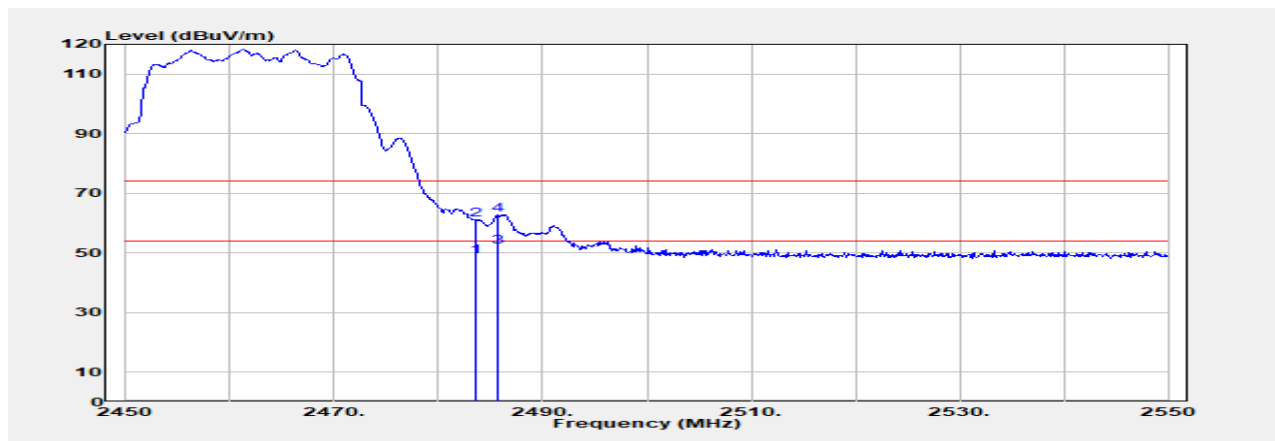


Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
2483.500	Average	46.89	-3.54	43.35	54.00	-10.65
2483.500	Peak	56.68	-3.54	53.13	74.00	-20.87
2484.500	Average	47.43	-3.54	43.89	54.00	-10.11
2484.500	Peak	58.28	-3.54	54.74	74.00	-19.26

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Report Number	:TERF2308001922E2	Test Site	:SAC G Chamber
Operation Mode	:802.11be20	Test Date	:2023-08-22
Test Frequency	:2462 MHz	Temp./Humi.	:25.1°C/57%
Test Mode	:Bandedge	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plane	Engineer	:Temo Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
2483.500	Average	52.42	-3.54	48.87	54.00	-5.13
2483.500	Peak	64.55	-3.54	61.01	74.00	-12.99
2485.600	Average	55.66	-3.54	52.12	54.00	-1.88
2485.600	Peak	66.44	-3.54	62.90	74.00	-11.10

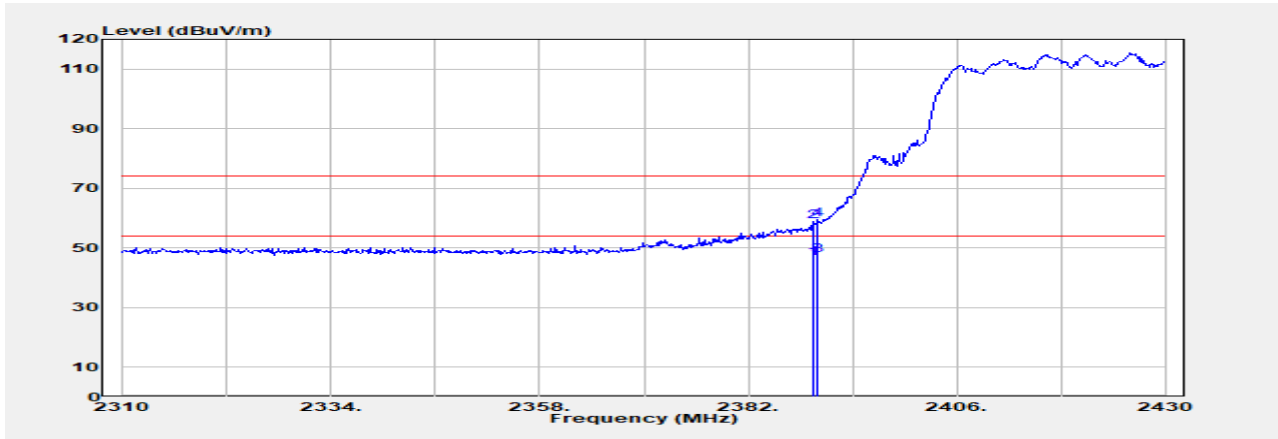
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Report Number :TERF2308001922E2  
 Operation Mode :802.11be40  
 Test Frequency :2422 MHz  
 Test Mode :Bandedge  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-22  
 Temp./Humi. :25.1°C/57%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
2389.560	Average	50.06	-3.51	46.56	54.00	-7.44
2389.560	Peak	62.48	-3.51	58.98	74.00	-15.02
2390.000	Average	50.86	-3.51	47.35	54.00	-6.65
2390.000	Peak	63.04	-3.51	59.53	74.00	-14.47

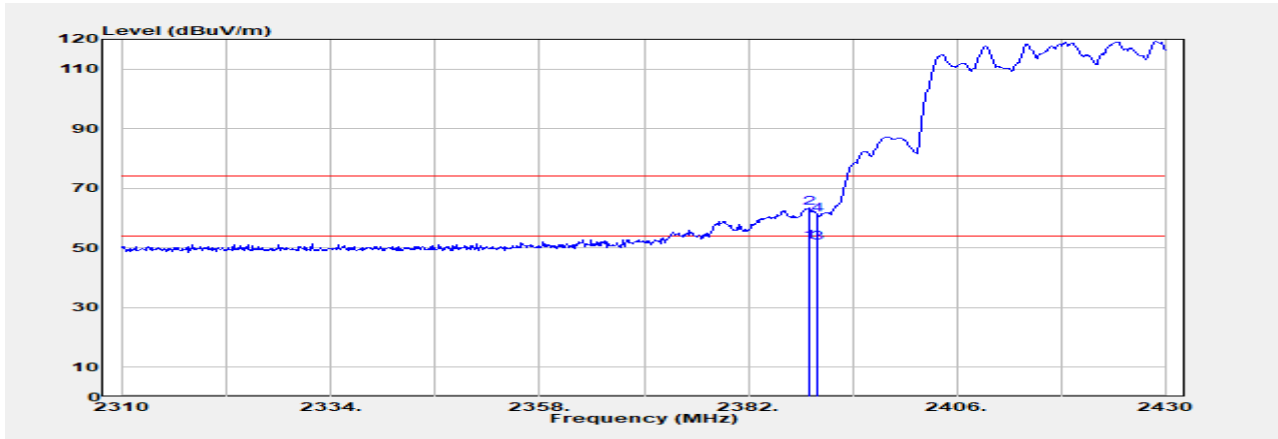
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Report Number :TERF2308001922E2  
 Operation Mode :802.11be40  
 Test Frequency :2422 MHz  
 Test Mode :Bandedge  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-22  
 Temp./Humi. :25.1°C/57%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



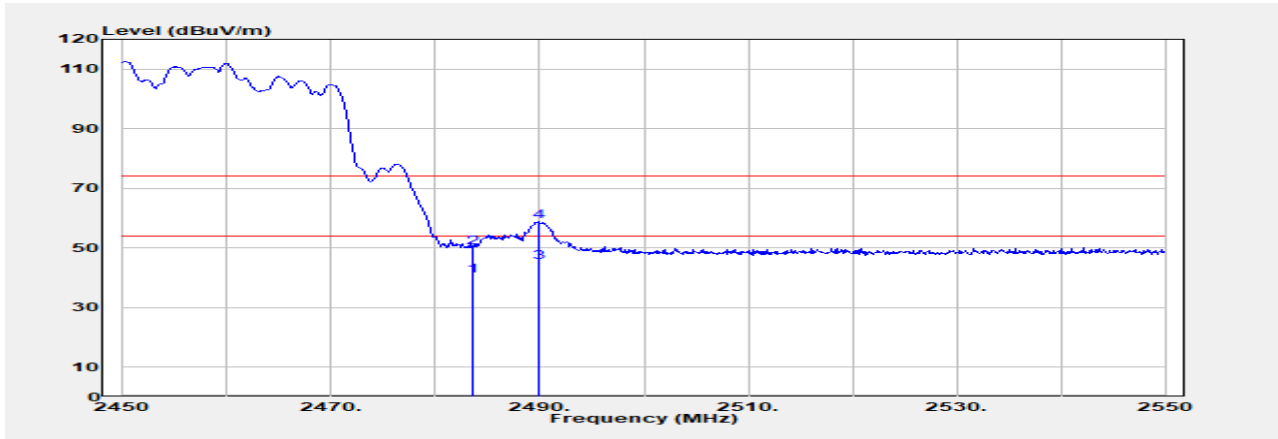
Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
2388.960	Average	55.42	-3.50	51.92	54.00	-2.08
2388.960	Peak	66.77	-3.50	63.27	74.00	-10.73
2390.000	Average	55.18	-3.51	51.67	54.00	-2.33
2390.000	Peak	64.51	-3.51	61.00	74.00	-13.00

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Report Number :TERF2308001922E2  
 Operation Mode :802.11be40  
 Test Frequency :2452 MHz  
 Test Mode :Bandedge  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-22  
 Temp./Humi. :25.1°C/57%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
2483.500	Average	44.20	-3.54	40.65	54.00	-13.35
2483.500	Peak	53.78	-3.54	50.24	74.00	-23.76
2489.900	Average	48.75	-3.53	45.22	54.00	-8.78
2489.900	Peak	62.43	-3.53	58.89	74.00	-15.11

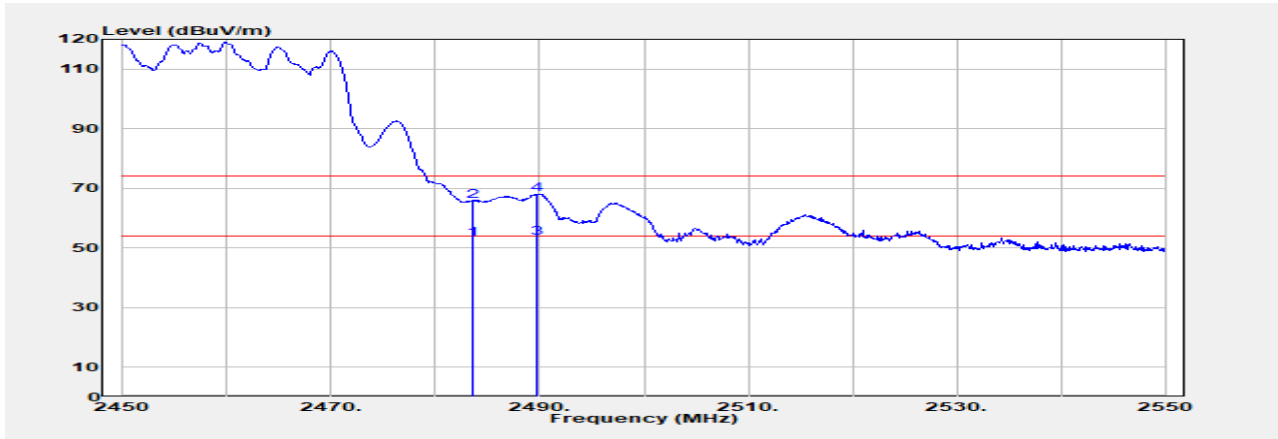
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Report Number	:TERF2308001922E2	Test Site	:SAC G Chamber
Operation Mode	:802.11be40	Test Date	:2023-08-22
Test Frequency	:2452 MHz	Temp./Humi.	:25.1°C/57%
Test Mode	:Bandedge	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plane	Engineer	:Temo Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
2483.500	Average	56.44	-3.54	52.89	54.00	-1.11
2483.500	Peak	69.20	-3.54	65.65	74.00	-8.35
2489.700	Average	57.03	-3.53	53.50	54.00	-0.50
2489.700	Peak	71.59	-3.53	68.06	74.00	-5.94

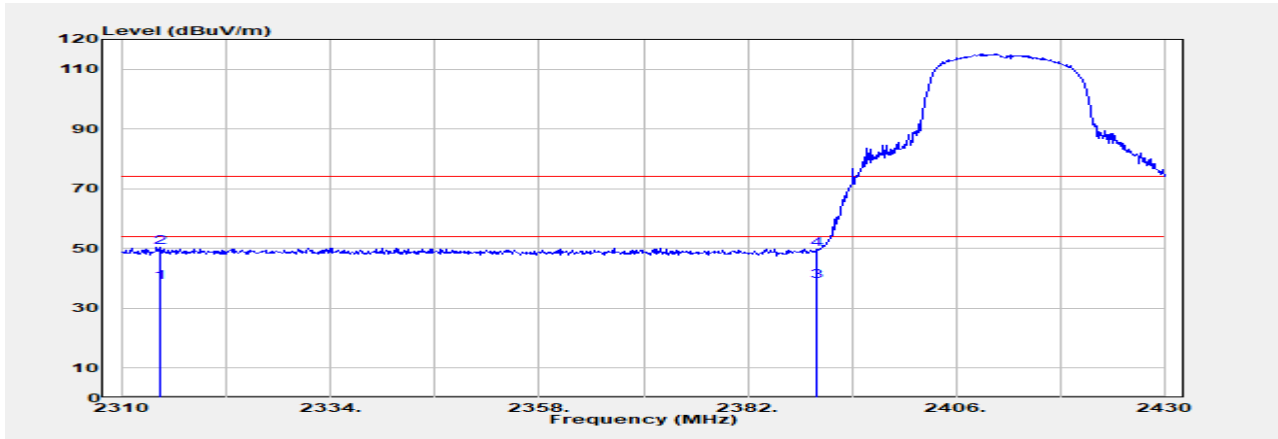
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**Mode: Beamforming**

Report Number	:TERF2308001922E2	Test Site	:SAC G Chamber
Operation Mode	:802.11n20	Test Date	:2024-01-04
Test Frequency	:2412 MHz	Temp./Humi.	:21.3°C/51%
Test Mode	:Bandedge	Antenna Pol.	:Vertical
EUT Pol	:E2 Plane	Engineer	:Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
2314.320	Average	42.07	-3.27	38.81	54.00	-15.19
2314.320	Peak	53.71	-3.27	50.45	74.00	-23.55
2390.000	Average	42.65	-3.51	39.14	54.00	-14.86
2390.000	Peak	53.21	-3.51	49.70	74.00	-24.30

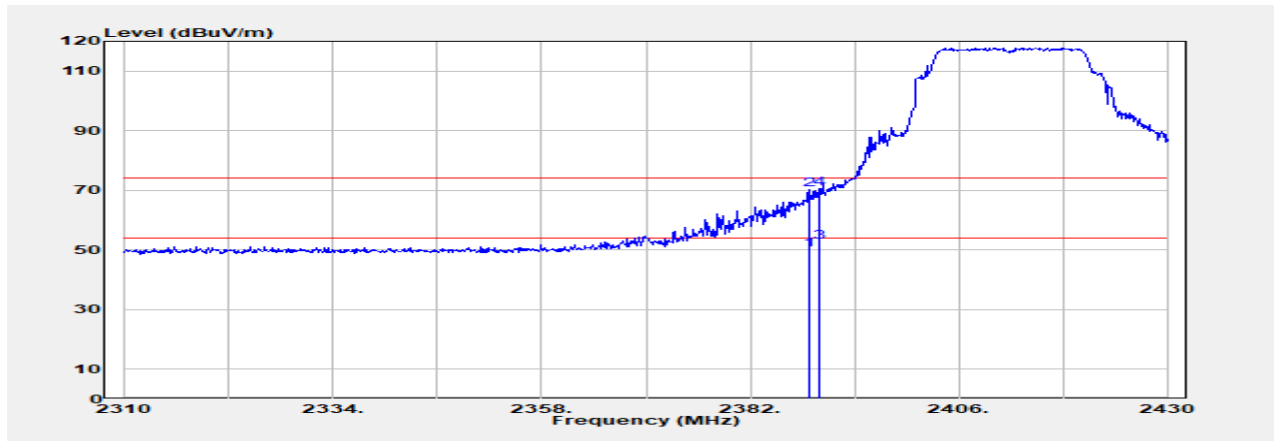
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Report Number :TERF2308001922E2  
 Operation Mode :802.11n20  
 Test Frequency :2412 MHz  
 Test Mode :Bandedge  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2024-01-04  
 Temp./Humi. :21.3°C/51%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
2388.720	Average	53.62	-3.50	50.11	54.00	-3.89
2388.720	Peak	73.62	-3.50	70.12	74.00	-3.88
2390.000	Average	56.09	-3.51	52.58	54.00	-1.42
2390.000	Peak	74.18	-3.51	70.67	74.00	-3.33

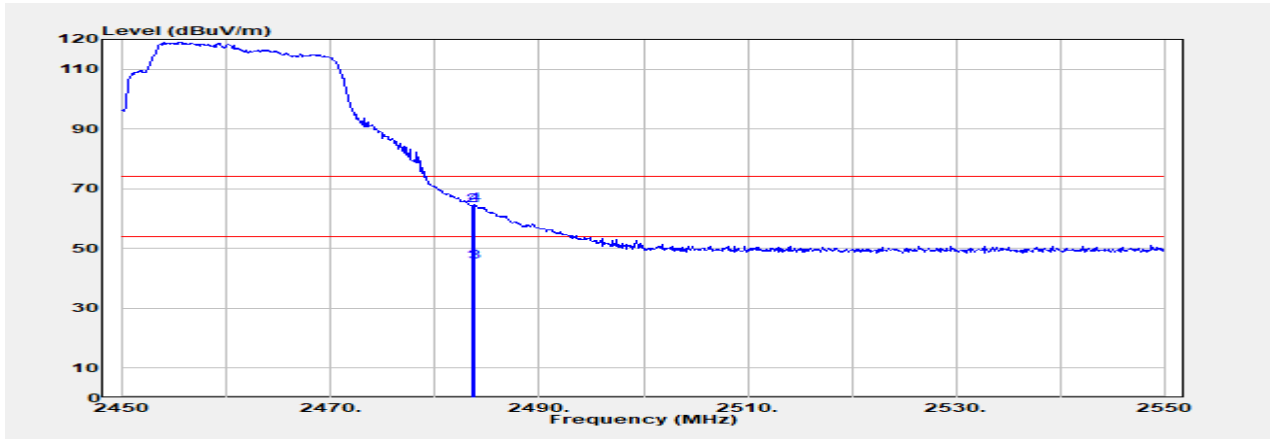
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Report Number :TERF2308001922E2  
 Operation Mode :802.11n20  
 Test Frequency :2462 MHz  
 Test Mode :Bandedge  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2024-01-04  
 Temp./Humi. :21.3°C/51%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



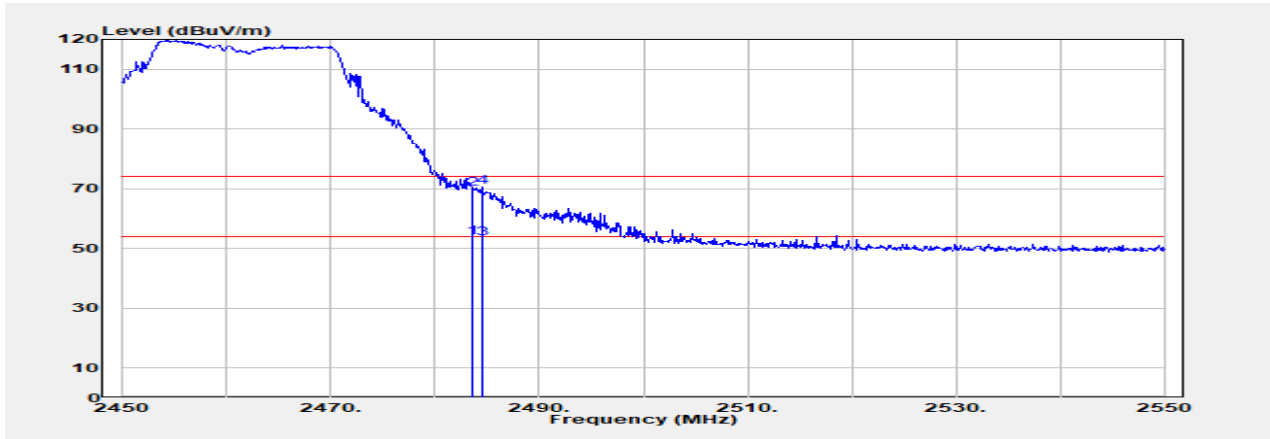
Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
2483.500	Average	48.97	-3.54	45.43	54.00	-8.57
2483.500	Peak	67.98	-3.54	64.44	74.00	-9.56
2483.800	Average	48.98	-3.54	45.43	54.00	-8.57
2483.800	Peak	68.16	-3.54	64.62	74.00	-9.38

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Report Number :TERF2308001922E2  
 Operation Mode :802.11n20  
 Test Frequency :2462 MHz  
 Test Mode :Bandedge  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2024-01-04  
 Temp./Humi. :21.3°C/51%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
2483.500	Average	57.20	-3.54	53.66	54.00	-0.34
2483.500	Peak	73.30	-3.54	69.76	74.00	-4.24
2484.500	Average	57.03	-3.54	53.49	54.00	-0.51
2484.500	Peak	73.97	-3.54	70.42	74.00	-3.58

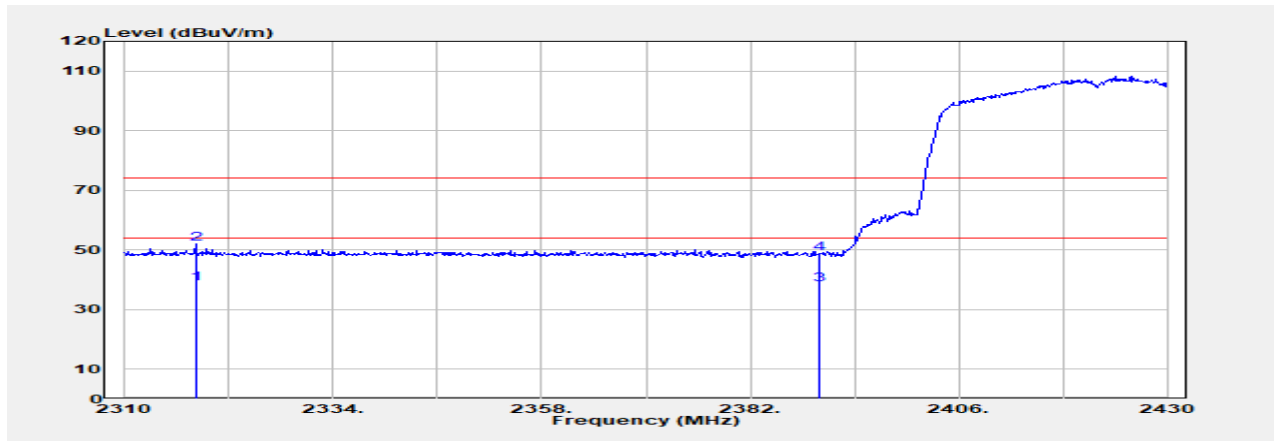
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Report Number :TERF2308001922E2  
 Operation Mode :802.11n40  
 Test Frequency :2422 MHz  
 Test Mode :Bandedge  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2024-01-04  
 Temp./Humi. :21.3°C/51%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
2318.160	Average	41.84	-3.27	38.57	54.00	-15.43
2318.160	Peak	55.38	-3.27	52.11	74.00	-21.89
2390.000	Average	41.95	-3.51	38.44	54.00	-15.56
2390.000	Peak	52.38	-3.51	48.87	74.00	-25.13

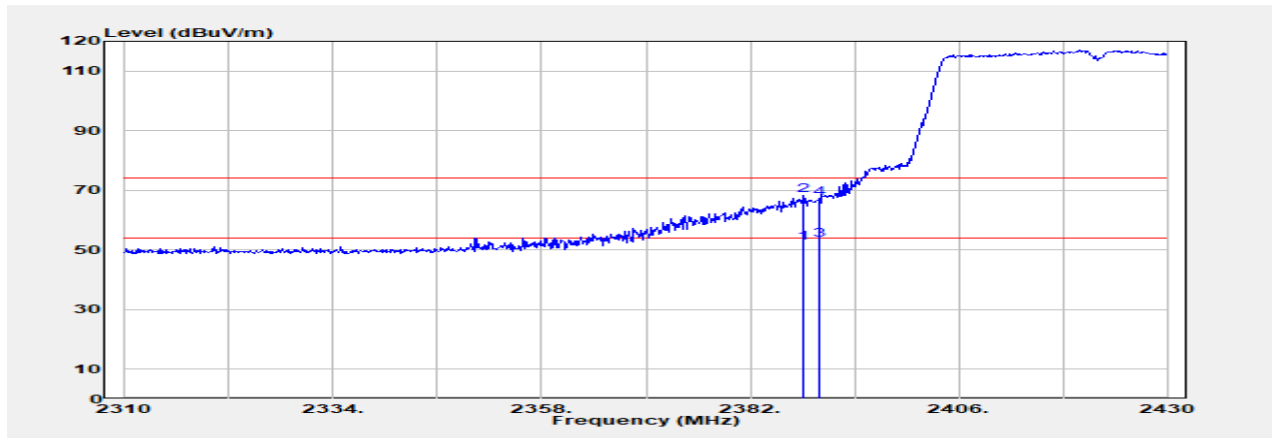
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Report Number :TERF2308001922E2  
 Operation Mode :802.11n40  
 Test Frequency :2422 MHz  
 Test Mode :Bandedge  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2024-01-04  
 Temp./Humi. :21.3°C/51%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
2388.120	Average	55.77	-3.50	52.27	54.00	-1.73
2388.120	Peak	71.92	-3.50	68.41	74.00	-5.59
2390.000	Average	56.90	-3.51	53.39	54.00	-0.61
2390.000	Peak	70.95	-3.51	67.45	74.00	-6.55

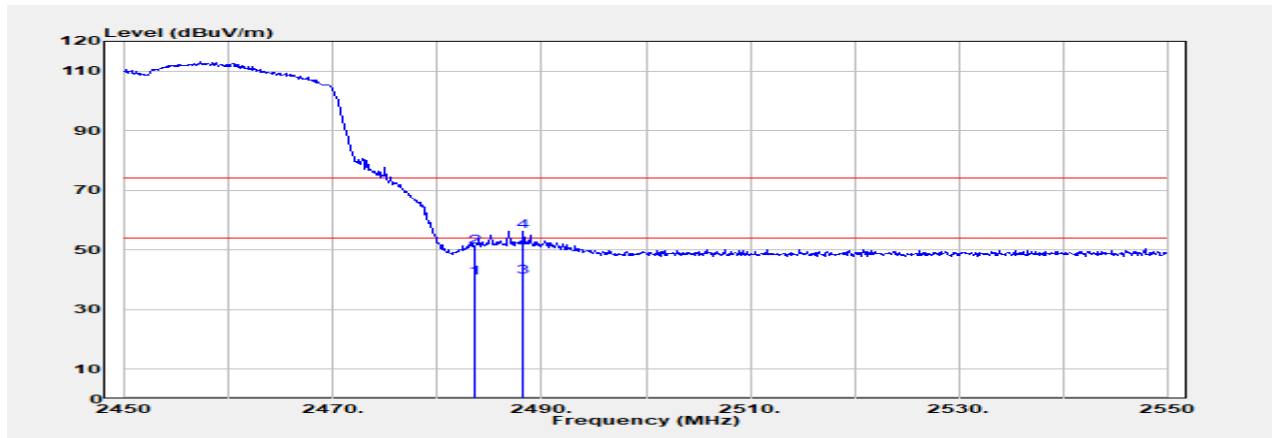
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Report Number :TERF2308001922E2  
 Operation Mode :802.11n40  
 Test Frequency :2452 MHz  
 Test Mode :Bandedge  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2024-01-04  
 Temp./Humi. :21.3°C/51%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
2483.500	Average	44.18	-3.54	40.64	54.00	-13.36
2483.500	Peak	54.57	-3.54	51.03	74.00	-22.97
2488.200	Average	44.62	-3.54	41.08	54.00	-12.92
2488.200	Peak	59.68	-3.54	56.15	74.00	-17.85

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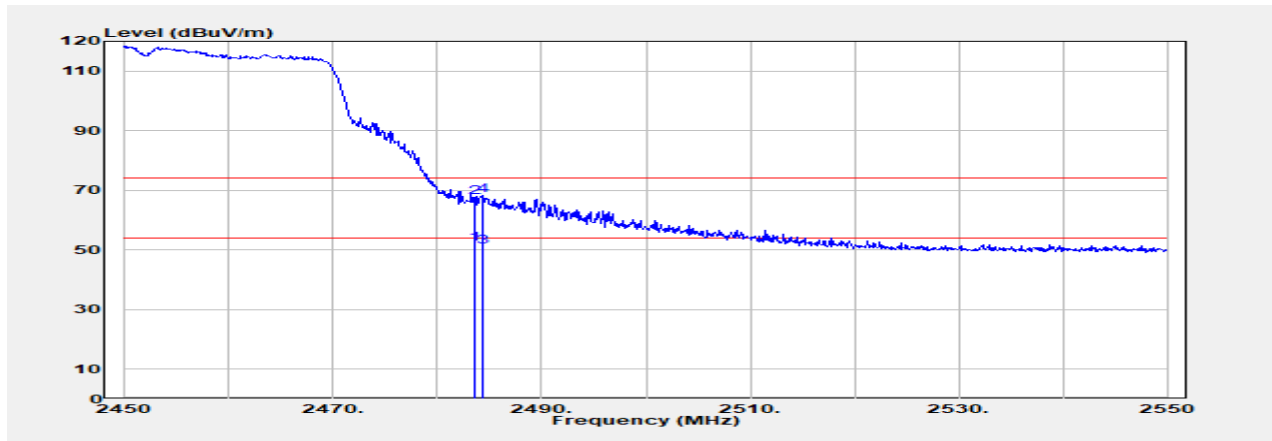
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Report Number :TERF2308001922E2  
 Operation Mode :802.11n40  
 Test Frequency :2452 MHz  
 Test Mode :Bandedge  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2024-01-04  
 Temp./Humi. :21.3°C/51%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
2483.500	Average	55.42	-3.54	51.88	54.00	-2.12
2483.500	Peak	71.19	-3.54	67.65	74.00	-6.35
2484.300	Average	54.76	-3.54	51.22	54.00	-2.78
2484.300	Peak	71.68	-3.54	68.14	74.00	-5.86

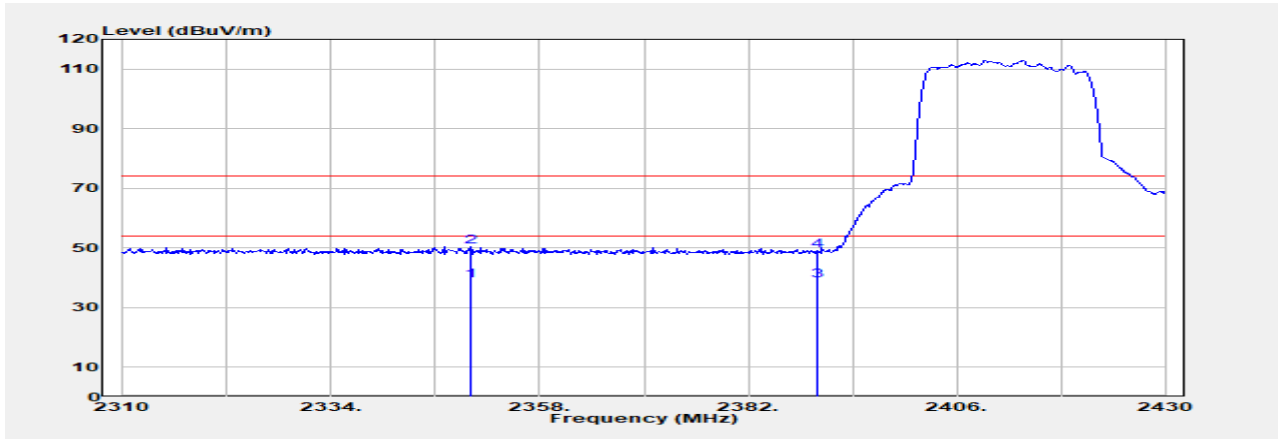
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Report Number :TERF2308001922E2  
 Operation Mode :802.11be20  
 Test Frequency :2412 MHz  
 Test Mode :Bandedge  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-11-09  
 Temp./Humi. :25.2°C/52%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
2350.080	Average	42.21	-3.31	38.90	54.00	-15.10
2350.080	Peak	53.80	-3.31	50.50	74.00	-23.50
2390.000	Average	42.38	-3.51	38.87	54.00	-15.13
2390.000	Peak	52.46	-3.51	48.95	74.00	-25.05

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Report Number :TERF2308001922E2

Test Site :SAC G Chamber

Operation Mode :802.11be20

Test Date :2023-11-09

Test Frequency :2412 MHz

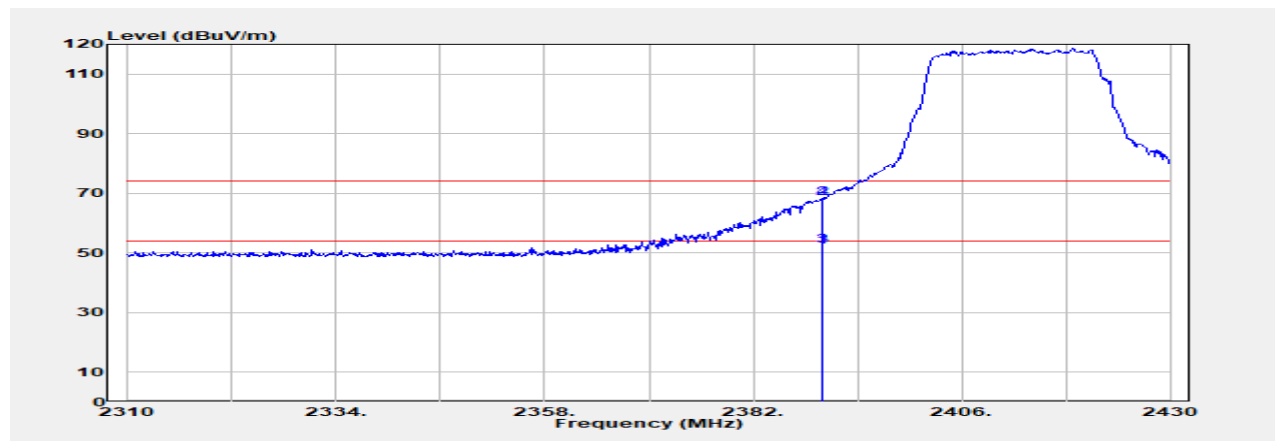
Temp./Humi. :25.2°C/52%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



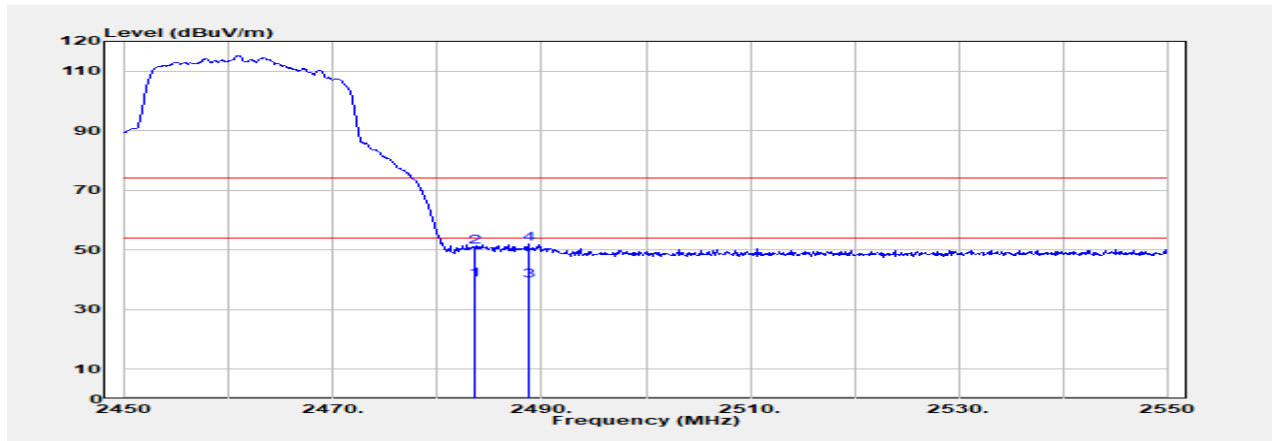
Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
2389.920	Average	55.63	-3.51	52.12	54.00	-1.88
2389.920	Peak	71.75	-3.51	68.24	74.00	-5.76
2390.000	Average	55.73	-3.51	52.22	54.00	-1.78
2390.000	Peak	71.78	-3.51	68.27	74.00	-5.73

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Report Number :TERF2308001922E2  
 Operation Mode :802.11be20  
 Test Frequency :2462 MHz  
 Test Mode :Bandedge  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2024-01-04  
 Temp./Humi. :21.3°C/51%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
2483.500	Average	43.40	-3.54	39.85	54.00	-14.15
2483.500	Peak	54.59	-3.54	51.05	74.00	-22.95
2488.700	Average	43.11	-3.54	39.58	54.00	-14.42
2488.700	Peak	55.66	-3.54	52.12	74.00	-21.88

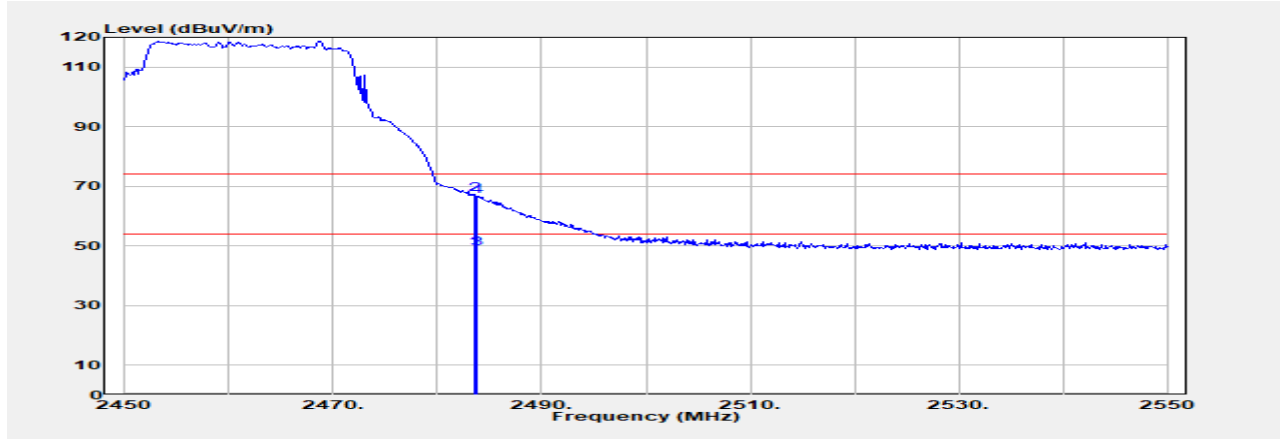
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Report Number :TERF2308001922E2  
 Operation Mode :802.11be20  
 Test Frequency :2462 MHz  
 Test Mode :Bandedge  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2024-01-04  
 Temp./Humi. :21.3°C/51%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
2483.500	Average	52.68	-3.54	49.14	54.00	-4.86
2483.500	Peak	70.74	-3.54	67.19	74.00	-6.81
2483.700	Average	52.55	-3.54	49.01	54.00	-4.99
2483.700	Peak	70.30	-3.54	66.76	74.00	-7.24

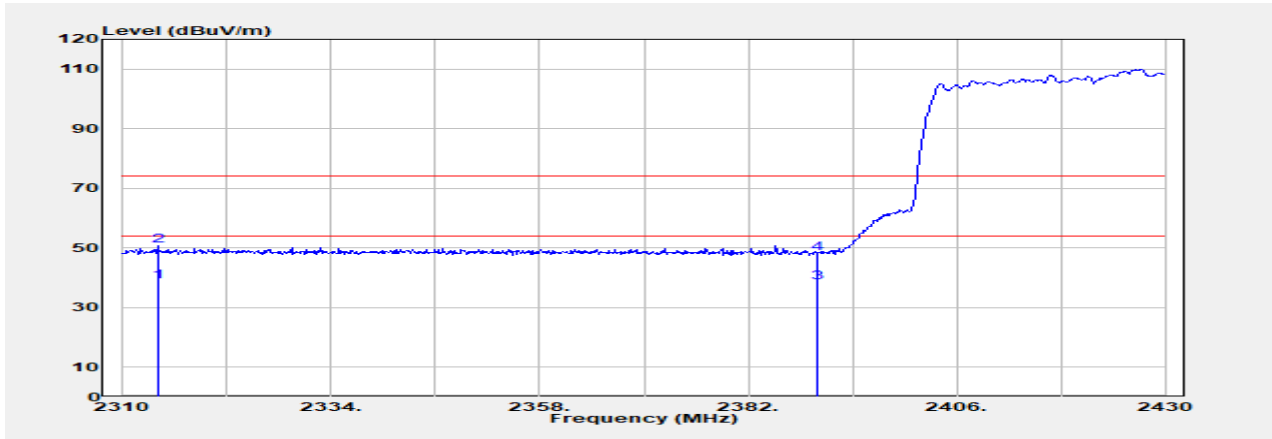
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Report Number :TERF2308001922E2  
 Operation Mode :802.11be40  
 Test Frequency :2422 MHz  
 Test Mode :Bandedge  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2024-01-04  
 Temp./Humi. :21.3°C/51%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



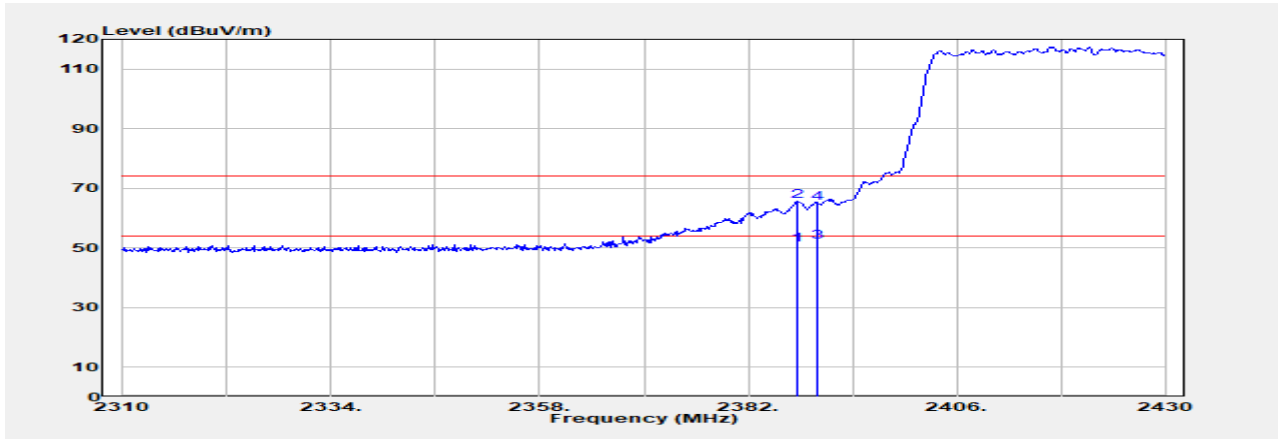
Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
2313.960	Average	41.90	-3.27	38.63	54.00	-15.37
2313.960	Peak	53.90	-3.27	50.64	74.00	-23.36
2390.000	Average	41.84	-3.51	38.33	54.00	-15.67
2390.000	Peak	51.53	-3.51	48.02	74.00	-25.98

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Report Number	:TERF2308001922E2	Test Site	:SAC G Chamber
Operation Mode	:802.11be40	Test Date	:2024-01-04
Test Frequency	:2422 MHz	Temp./Humi.	:21.3°C/51%
Test Mode	:Bandedge	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plane	Engineer	:Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
2387.760	Average	54.48	-3.50	50.98	54.00	-3.02
2387.760	Peak	69.23	-3.50	65.73	74.00	-8.27
2390.000	Average	55.66	-3.51	52.15	54.00	-1.85
2390.000	Peak	68.48	-3.51	64.97	74.00	-9.03

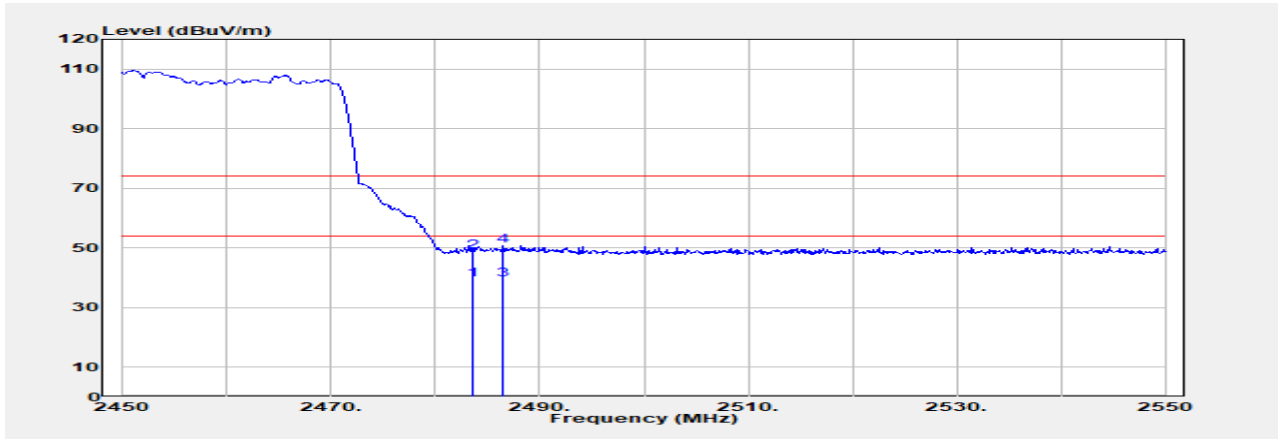
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Report Number :TERF2308001922E2  
 Operation Mode :802.11be40  
 Test Frequency :2452 MHz  
 Test Mode :Bandedge  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2024-01-04  
 Temp./Humi. :21.3°C/51%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
2483.500	Average	42.75	-3.54	39.20	54.00	-14.80
2483.500	Peak	52.32	-3.54	48.77	74.00	-25.23
2486.500	Average	42.91	-3.54	39.37	54.00	-14.63
2486.500	Peak	54.34	-3.54	50.80	74.00	-23.20

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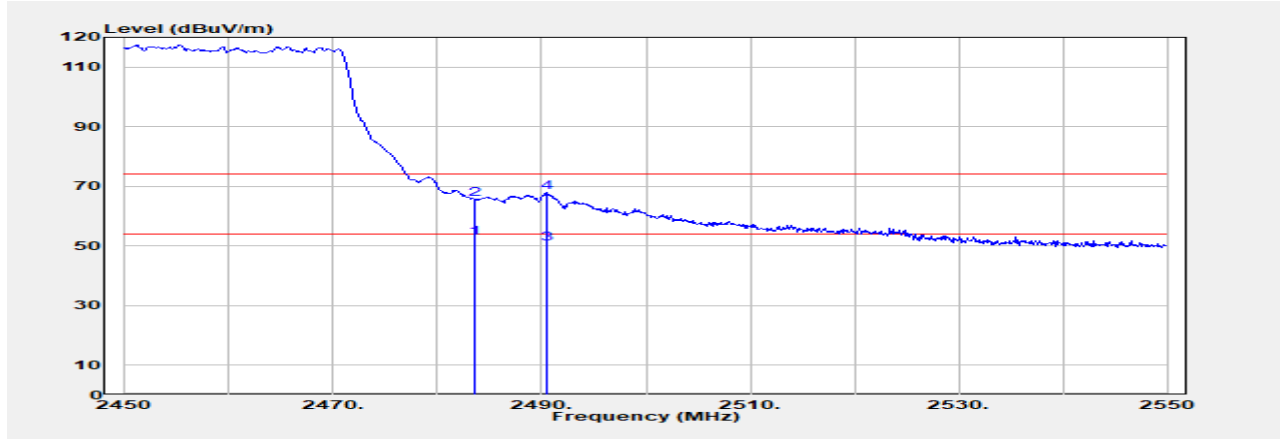
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Report Number :TERF2308001922E2  
 Operation Mode :802.11be40  
 Test Frequency :2452 MHz  
 Test Mode :Bandedge  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2024-01-04  
 Temp./Humi. :21.3°C/51%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
2483.500	Average	56.35	-3.54	52.81	54.00	-1.19
2483.500	Peak	69.09	-3.54	65.54	74.00	-8.46
2490.400	Average	54.29	-3.53	50.75	54.00	-3.25
2490.400	Peak	71.36	-3.53	67.83	74.00	-6.17

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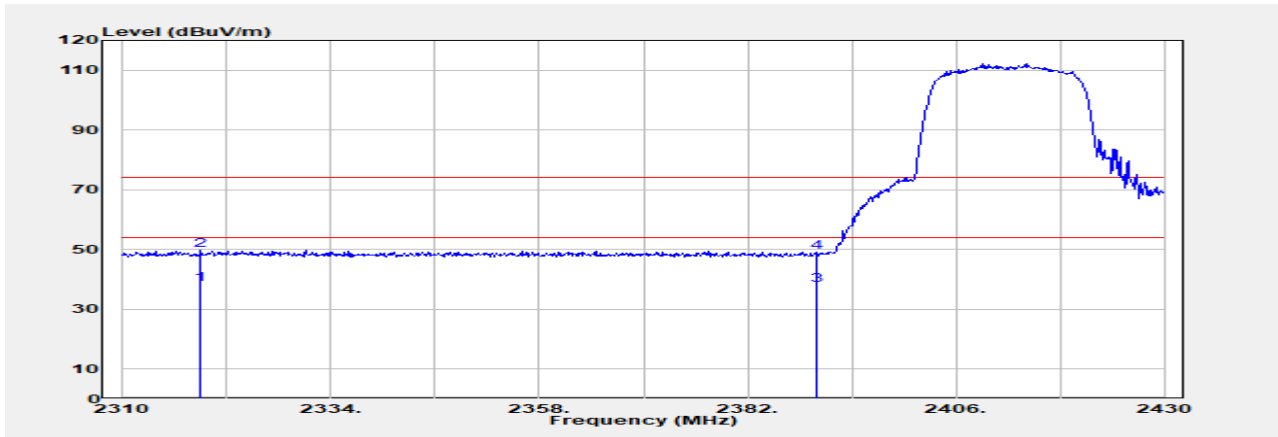
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**Spot Check**

**Mode: Beamforming**

Report Number	:TERF2310002501E2	Test Site	:SAC G Chamber
Operation Mode	:802.11n20	Test Date	:2023-12-06
Test Frequency	:2412 MHz	Temp./Humi.	:22.6°C/68%
Test Mode	:Bandedge	Antenna Pol.	:Vertical
EUT Pol	:E2 Plane	Engineer	:Temo Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2319.000	Average	41.69	-3.27	38.42	54.00	-15.58
2319.000	Peak	53.02	-3.27	49.75	74.00	-24.25
2390.000	Average	41.71	-3.51	38.20	54.00	-15.80
2390.000	Peak	52.45	-3.51	48.95	74.00	-25.05

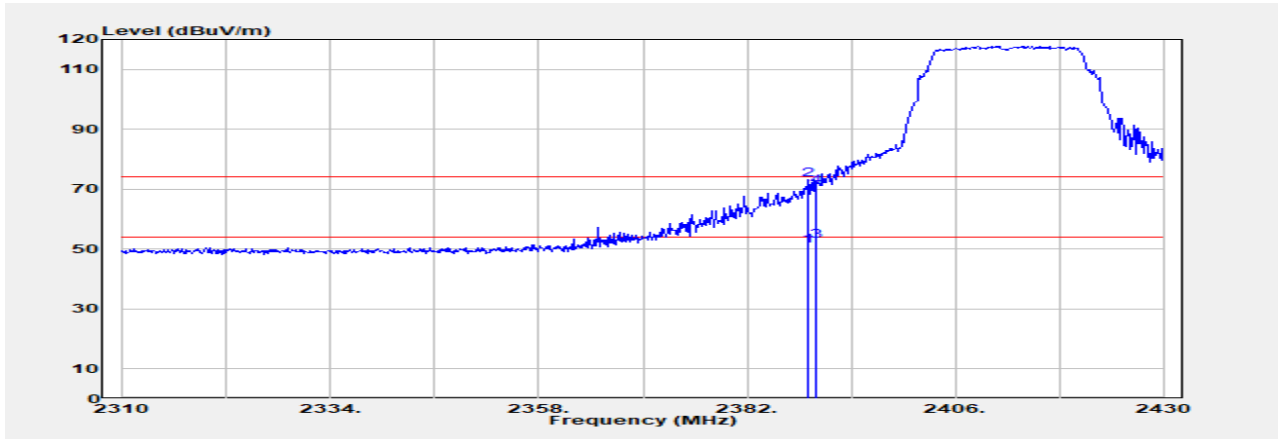
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Report Number :TERF2310002501E2  
 Operation Mode :802.11n20  
 Test Frequency :2412 MHz  
 Test Mode :Bandedge  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-12-06  
 Temp./Humi. :22.6°C/68%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
2389.080	Average	54.63	-3.50	51.12	54.00	-2.88
2389.080	Peak	76.60	-3.50	73.09	74.00	-0.91
2390.000	Average	56.25	-3.51	52.74	54.00	-1.26
2390.000	Peak	74.36	-3.51	70.85	74.00	-3.15

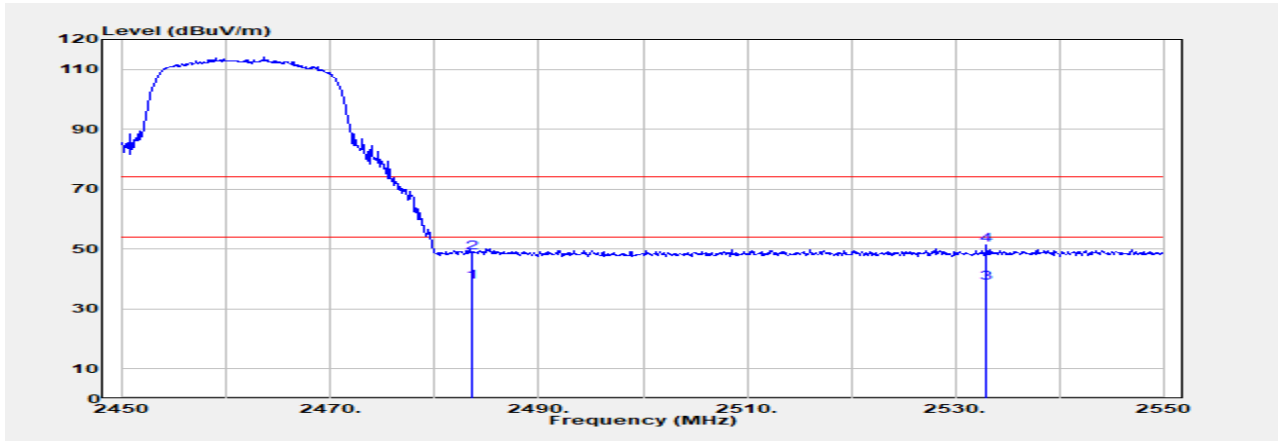
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Report Number :TERF2310002501E2  
 Operation Mode :802.11n20  
 Test Frequency :2462 MHz  
 Test Mode :Bandedge  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-12-06  
 Temp./Humi. :22.6°C/68%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level d $\mu$ V	Factor dB	Actual FS d $\mu$ V/m	Limit @3m d $\mu$ V/m	Margin dB
2483.500	Average	42.48	-3.54	38.93	54.00	-15.07
2483.500	Peak	52.39	-3.54	48.85	74.00	-25.15
2533.000	Average	41.90	-3.32	38.58	54.00	-15.42
2533.000	Peak	54.70	-3.32	51.38	74.00	-22.62

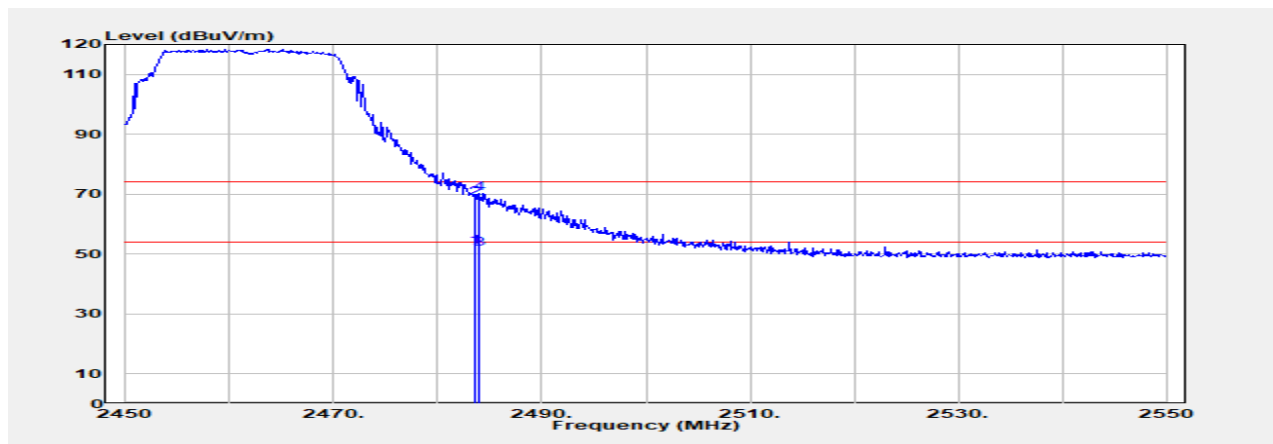
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Report Number :TERF2310002501E2  
 Operation Mode :802.11n20  
 Test Frequency :2462 MHz  
 Test Mode :Bandedge  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-12-06  
 Temp./Humi. :22.6°C/68%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level d $\mu$ V	Factor dB	Actual FS d $\mu$ V/m	Limit @3m d $\mu$ V/m	Margin dB
2483.500	Average	55.84	-3.54	52.29	54.00	-1.71
2483.500	Peak	72.30	-3.54	68.76	74.00	-5.24
2483.900	Average	55.28	-3.54	51.74	54.00	-2.26
2483.900	Peak	73.82	-3.54	70.27	74.00	-3.73

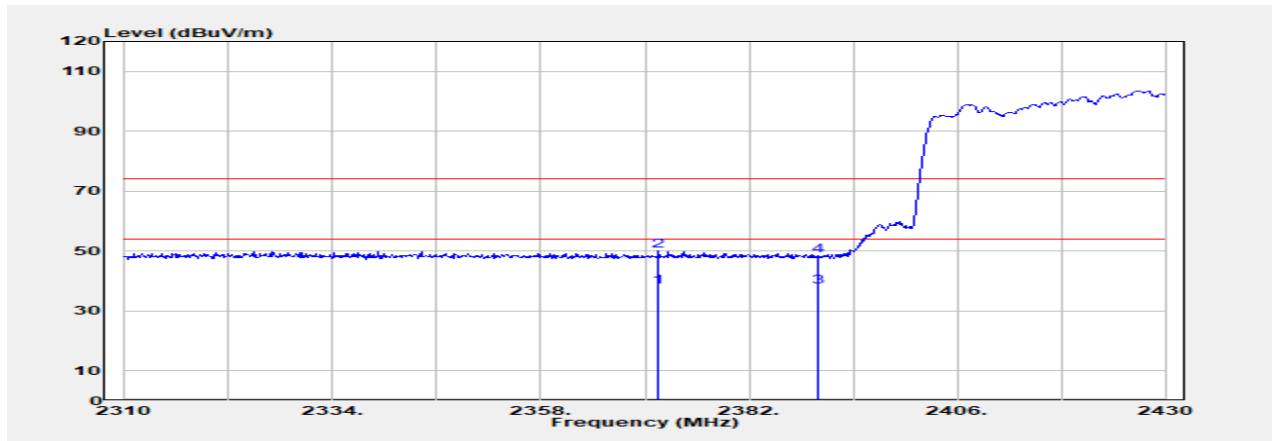
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Report Number :TERF2310002501E2  
 Operation Mode :802.11be40  
 Test Frequency :2422 MHz  
 Test Mode :Bandedge  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-12-06  
 Temp./Humi. :22.6°C/68%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



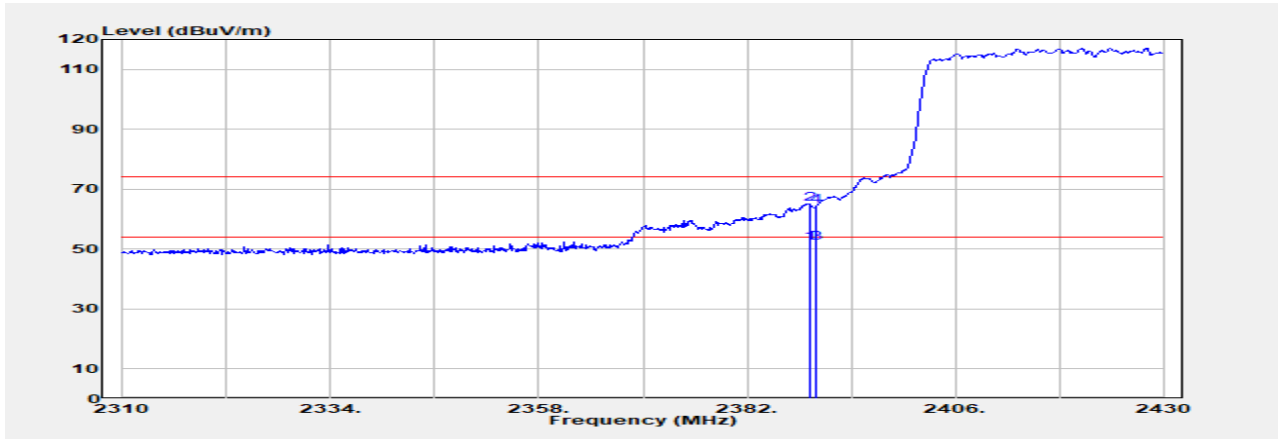
Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
2371.560	Average	41.52	-3.42	38.10	54.00	-15.90
2371.560	Peak	53.63	-3.42	50.21	74.00	-23.79
2390.000	Average	41.51	-3.51	38.00	54.00	-16.00
2390.000	Peak	51.91	-3.51	48.40	74.00	-25.60

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Report Number	:TERF2310002501E2	Test Site	:SAC G Chamber
Operation Mode	:802.11be40	Test Date	:2023-12-06
Test Frequency	:2422 MHz	Temp./Humi.	:22.6°C/68%
Test Mode	:Bandedge	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plane	Engineer	:Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
2389.200	Average	55.53	-3.51	52.03	54.00	-1.97
2389.200	Peak	68.70	-3.51	65.19	74.00	-8.81
2390.000	Average	55.64	-3.51	52.13	54.00	-1.87
2390.000	Peak	67.79	-3.51	64.28	74.00	-9.72

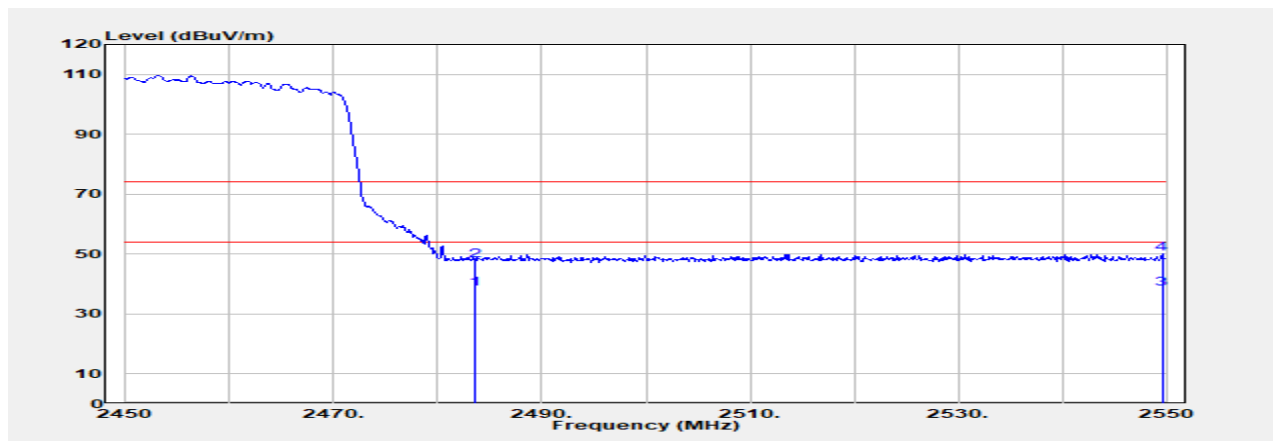
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Report Number :TERF2310002501E2  
 Operation Mode :802.11be40  
 Test Frequency :2452 MHz  
 Test Mode :Bandedge  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-12-06  
 Temp./Humi. :22.6°C/68%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
2483.500	Average	41.77	-3.54	38.23	54.00	-15.77
2483.500	Peak	51.47	-3.54	47.92	74.00	-26.08
2549.600	Average	41.53	-3.22	38.31	54.00	-15.69
2549.600	Peak	53.44	-3.22	50.22	74.00	-23.78

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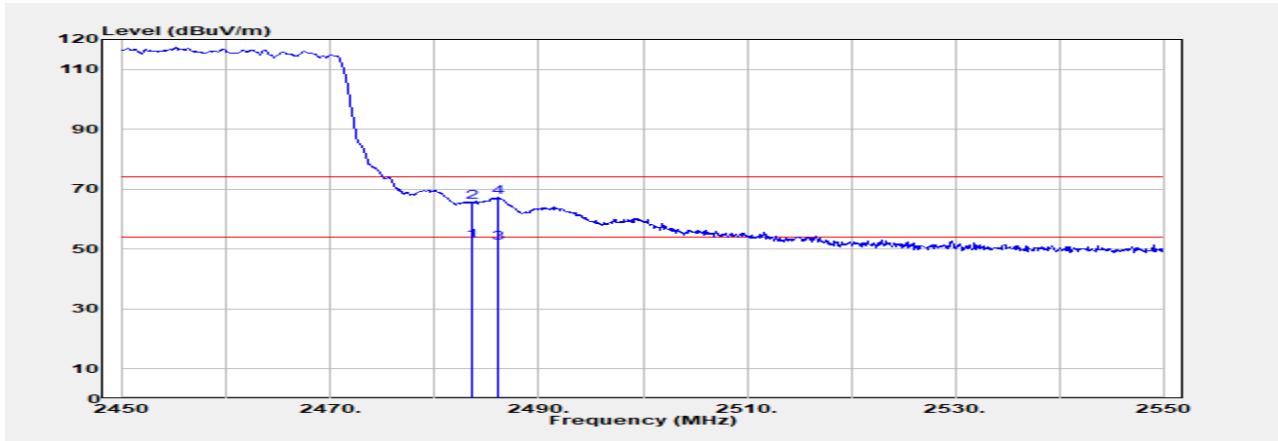
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Report Number :TERF2310002501E2  
 Operation Mode :802.11be40  
 Test Frequency :2452 MHz  
 Test Mode :Bandedge  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-12-06  
 Temp./Humi. :22.6°C/68%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level d $\mu$ V	Factor dB	Actual FS d $\mu$ V/m	Limit @3m d $\mu$ V/m	Margin dB
2483.500	Average	56.14	-3.54	52.60	54.00	-1.40
2483.500	Peak	69.09	-3.54	65.55	74.00	-8.45
2486.000	Average	55.56	-3.54	52.02	54.00	-1.98
2486.000	Peak	70.88	-3.54	67.35	74.00	-6.65

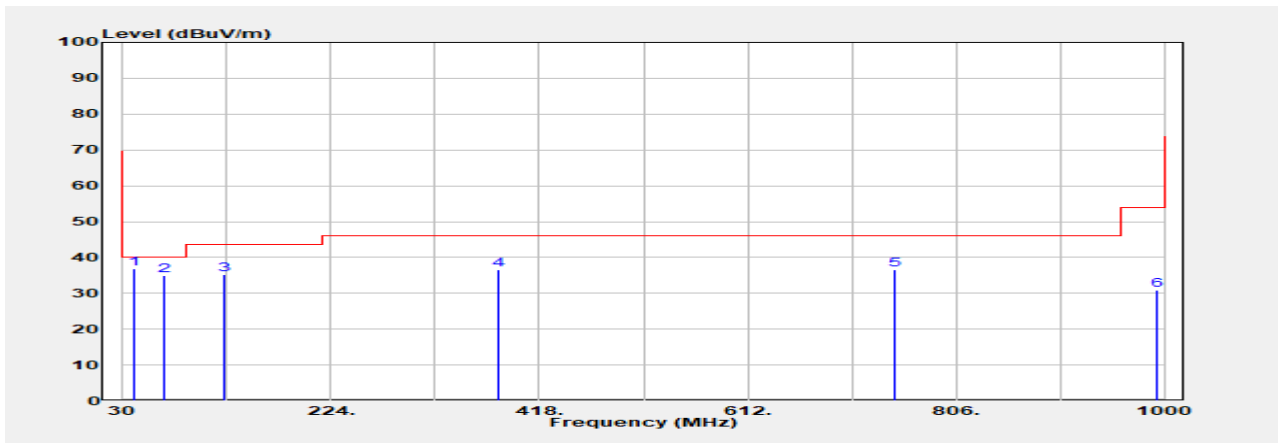
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**11.6.2 Spurious Emission:**

**Mode: CDD**

Report Number	:TERF2308001922E2	Test Site	:SAC G Chamber
Operation Mode	:802.11g	Test Date	:2023-10-26
Test Frequency	:2437 MHz	Temp./Humi.	:23.7°C/57%
Test Mode	:Tx	Antenna Pol.	:Vertical
EUT Pol	:E2 Plane	Engineer	:Temo Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
39.700	QP	50.30	-13.47	36.83	40.00	-3.17
68.800	QP	49.70	-14.80	34.90	40.00	-5.10
125.060	Peak	50.17	-14.99	35.18	43.50	-8.32
380.170	Peak	46.23	-9.74	36.49	46.00	-9.51
749.740	Peak	38.57	-2.06	36.50	46.00	-9.50
993.210	Peak	30.33	0.65	30.98	54.00	-23.02

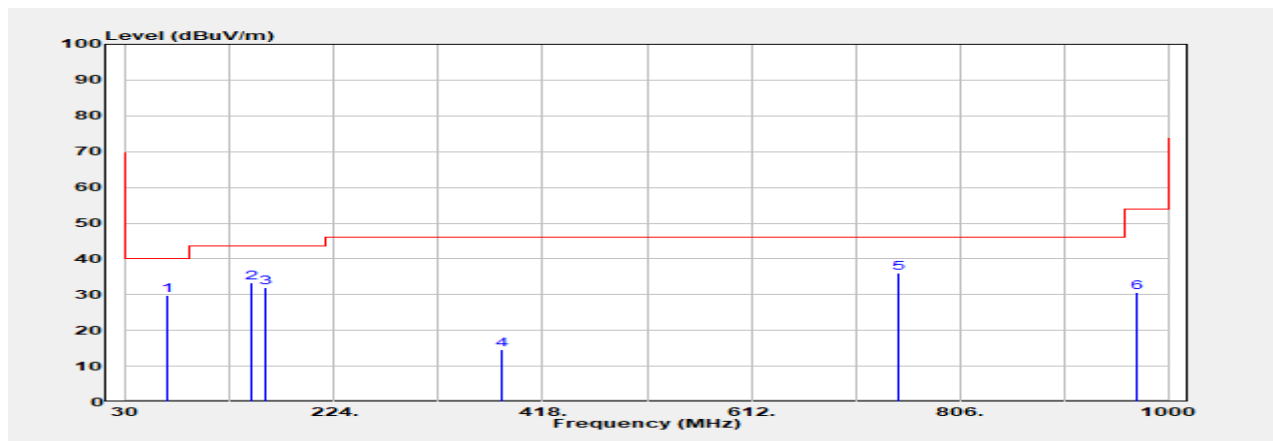
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Report Number :TERF2308001922E2  
 Operation Mode :802.11g  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-10-26  
 Temp./Humi. :23.7°C/57%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
68.800	QP	44.70	-14.80	29.90	40.00	-10.10
147.370	Peak	46.17	-12.78	33.39	43.50	-10.11
159.010	Peak	44.54	-12.52	32.02	43.50	-11.48
380.170	QP	24.30	-9.74	14.56	46.00	-31.44
749.740	Peak	38.21	-2.06	36.15	46.00	-9.85
970.900	Peak	29.62	0.92	30.54	54.00	-23.46

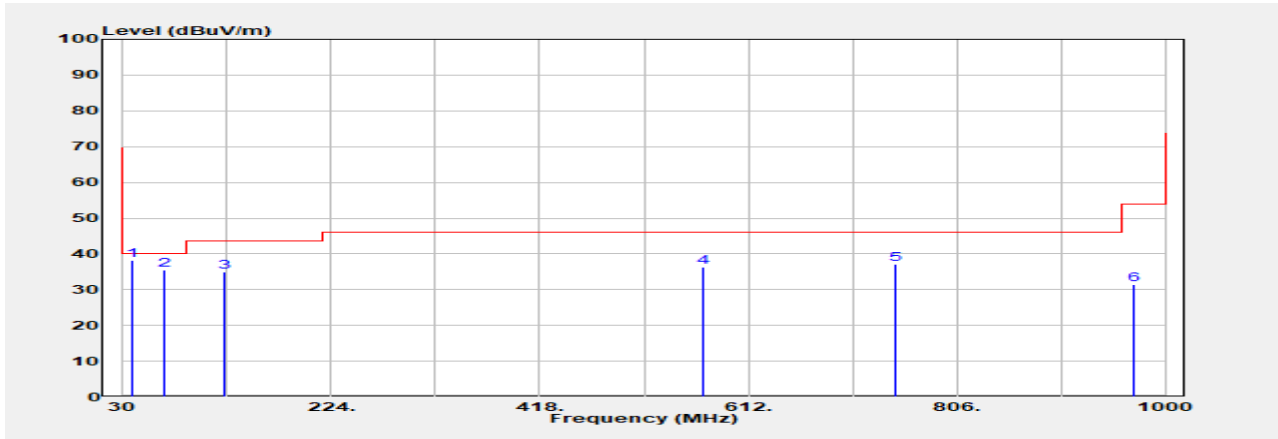
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Report Number :TERF2308001922E2  
 Operation Mode :802.11be40  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-10-26  
 Temp./Humi. :23.7°C/57%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
38.730	QP	51.70	-13.59	38.11	40.00	-1.89
68.800	QP	50.40	-14.80	35.60	40.00	-4.40
125.060	Peak	49.95	-14.99	34.96	43.50	-8.54
570.290	Peak	42.17	-5.90	36.27	46.00	-9.73
749.740	Peak	39.07	-2.06	37.01	46.00	-8.99
970.900	Peak	30.48	0.92	31.40	54.00	-22.60

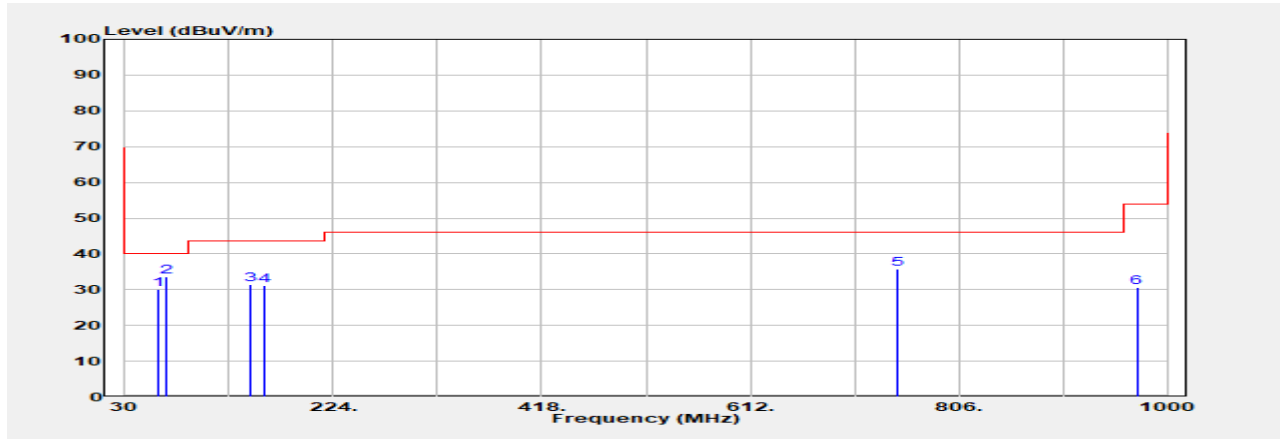
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Report Number :TERF2308001922E2  
 Operation Mode :802.11be40  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-10-26  
 Temp./Humi. :23.7°C/57%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
61.040	Peak	43.62	-13.45	30.18	40.00	-9.82
68.800	Peak	48.40	-14.80	33.60	40.00	-6.40
146.400	Peak	44.29	-12.92	31.38	43.50	-12.12
159.010	Peak	43.59	-12.52	31.07	43.50	-12.43
749.740	Peak	37.77	-2.06	35.71	46.00	-10.29
971.870	Peak	29.64	0.92	30.56	54.00	-23.44

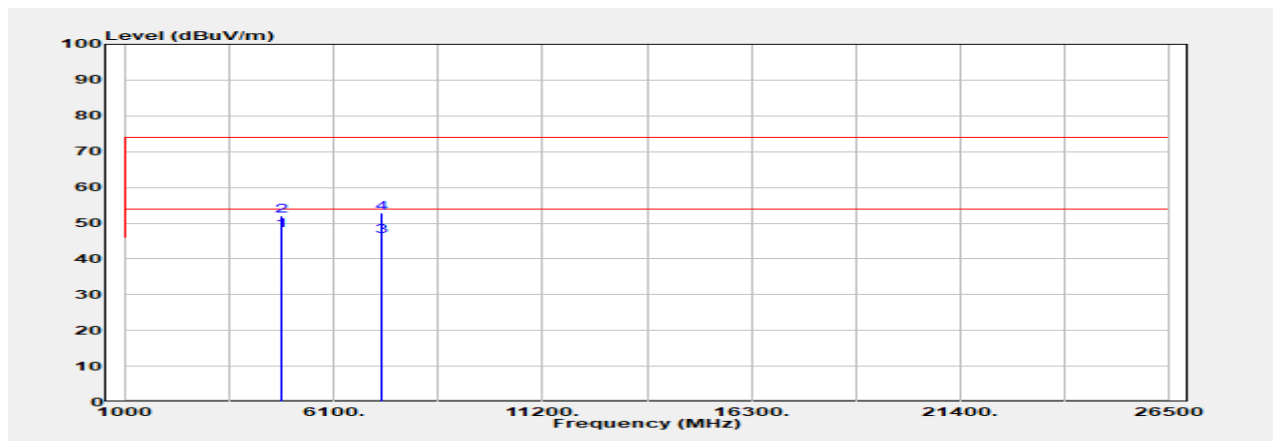
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Report Number :TERF2308001922E2  
 Operation Mode :802.11b  
 Test Frequency :2412 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-23  
 Temp./Humi. :23.6°C/59%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4824.000	Average	44.78	3.28	48.07	54.00	-5.93
4824.000	Peak	48.80	3.28	52.08	74.00	-21.92
7236.000	Average	37.68	8.54	46.21	54.00	-7.79
7236.000	Peak	44.28	8.54	52.82	74.00	-21.18

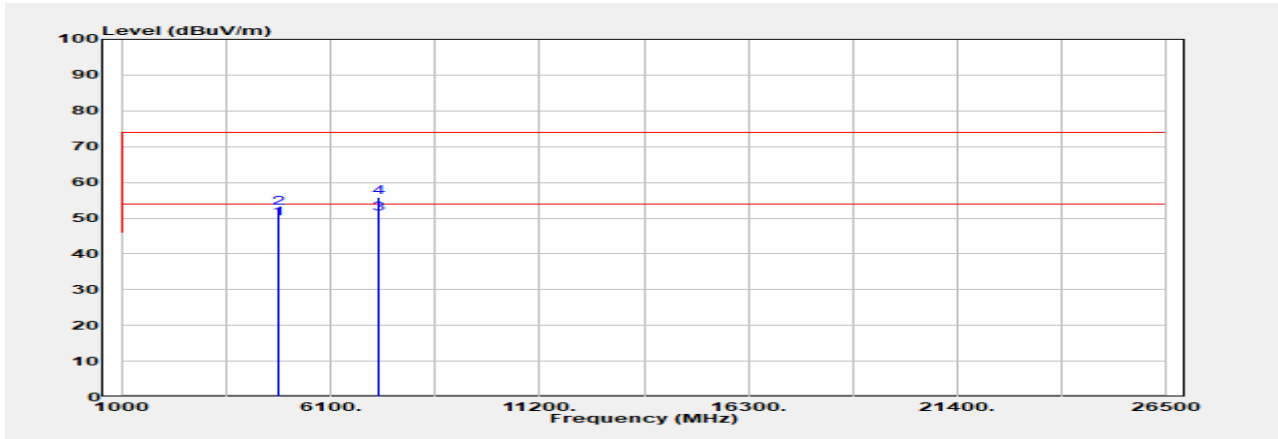
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Report Number :TERF2308001922E2  
 Operation Mode :802.11b  
 Test Frequency :2412 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-23  
 Temp./Humi. :23.6°C/59%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
4824.000	Average	46.52	3.28	49.81	54.00	-4.19
4824.000	Peak	49.44	3.28	52.72	74.00	-21.28
7236.000	Average	42.66	8.54	51.20	54.00	-2.80
7236.000	Peak	47.25	8.54	55.78	74.00	-18.22

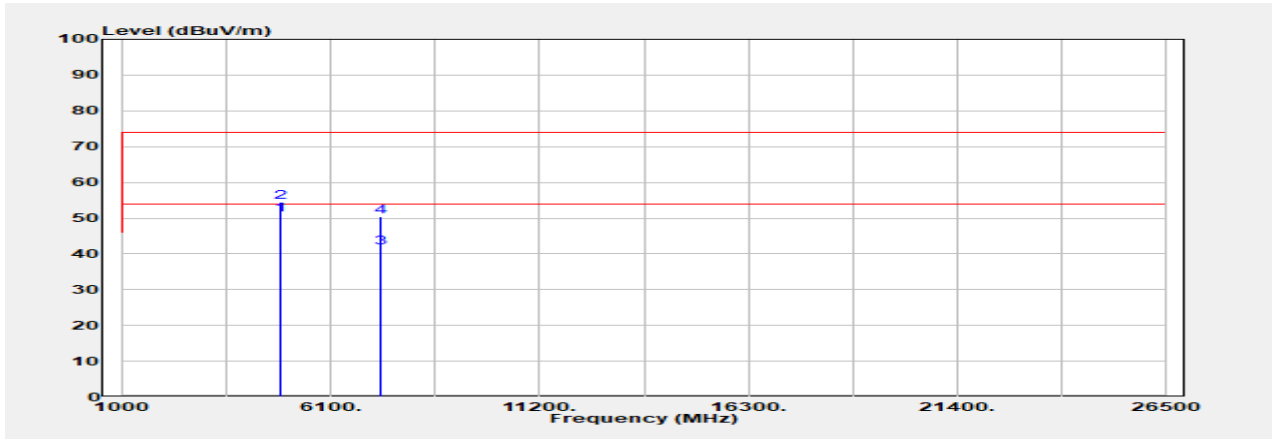
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Report Number :TERF2308001922E2  
 Operation Mode :802.11b  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-23  
 Temp./Humi. :23.6°C/59%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
4874.000	Average	47.53	3.35	50.88	54.00	-3.12
4874.000	Peak	51.02	3.35	54.37	74.00	-19.63
7311.000	Average	33.09	8.58	41.67	54.00	-12.33
7311.000	Peak	41.78	8.58	50.35	74.00	-23.65

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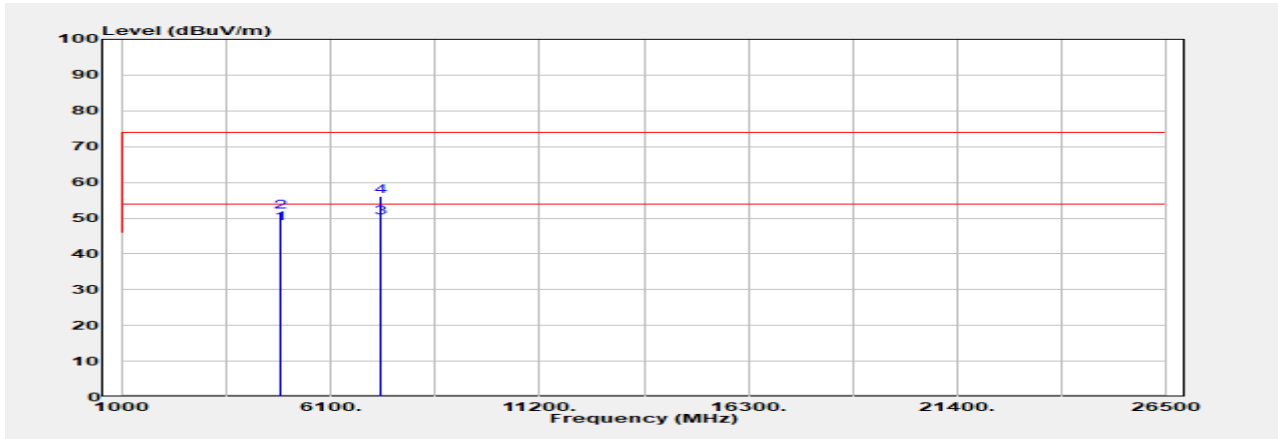
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Report Number :TERF2308001922E2  
 Operation Mode :802.11b  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-23  
 Temp./Humi. :23.6°C/59%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
4874.000	Average	45.16	3.35	48.51	54.00	-5.49
4874.000	Peak	48.53	3.35	51.89	74.00	-22.11
7311.000	Average	41.68	8.58	50.26	54.00	-3.74
7311.000	Peak	47.50	8.58	56.07	74.00	-17.93

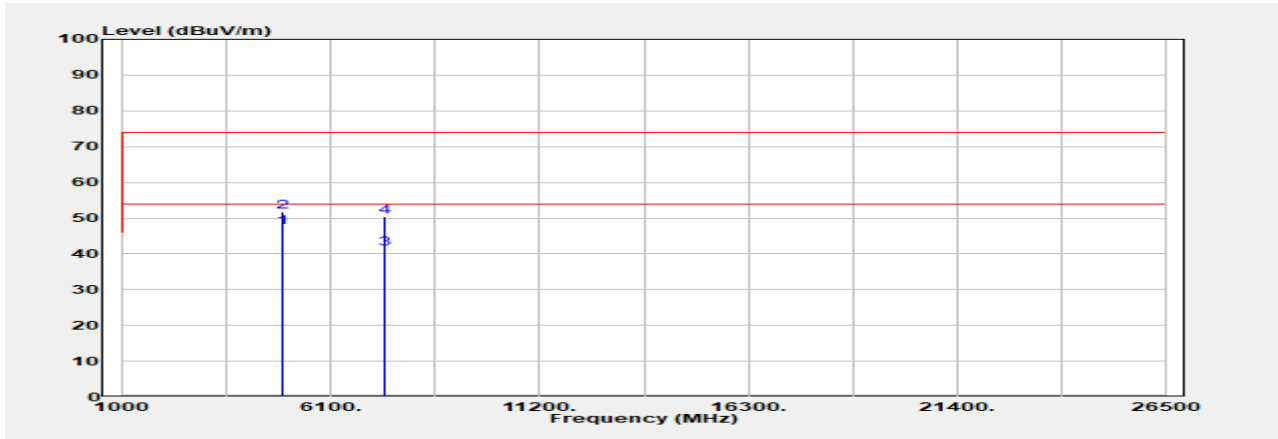
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Report Number :TERF2308001922E2  
 Operation Mode :802.11b  
 Test Frequency :2462 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-23  
 Temp./Humi. :23.6°C/59%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4924.000	Average	43.91	3.46	47.37	54.00	-6.63
4924.000	Peak	48.32	3.46	51.78	74.00	-22.22
7386.000	Average	32.34	9.03	41.37	54.00	-12.63
7386.000	Peak	41.48	9.03	50.52	74.00	-23.48

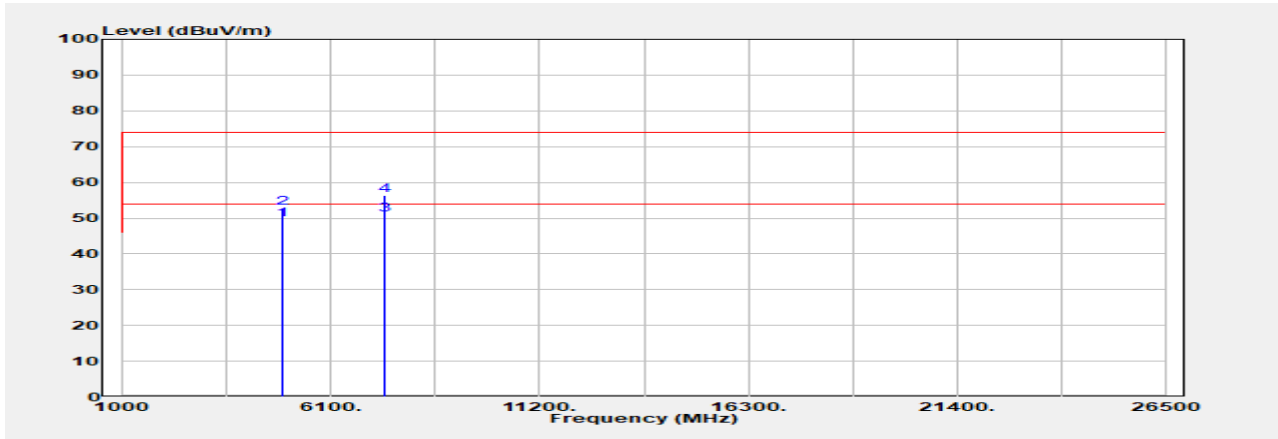
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Report Number :TERF2308001922E2  
 Operation Mode :802.11b  
 Test Frequency :2462 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-23  
 Temp./Humi. :23.6°C/59%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4924.000	Average	46.14	3.46	49.61	54.00	-4.39
4924.000	Peak	49.37	3.46	52.83	74.00	-21.17
7386.000	Average	41.83	9.03	50.86	54.00	-3.14
7386.000	Peak	47.22	9.03	56.25	74.00	-17.75

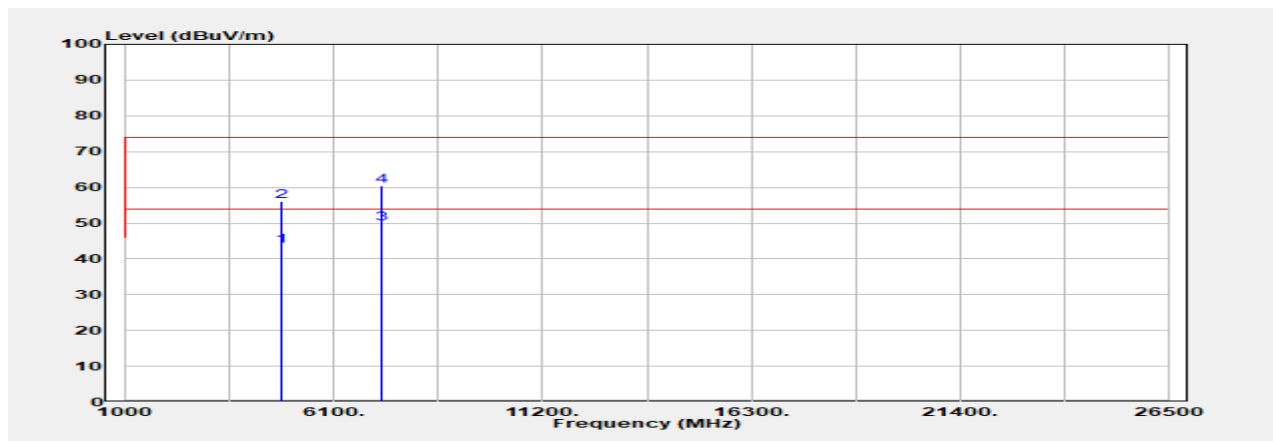
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Report Number :TERF2308001922E2  
 Operation Mode :802.11g  
 Test Frequency :2412 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-23  
 Temp./Humi. :23.6°C/59%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



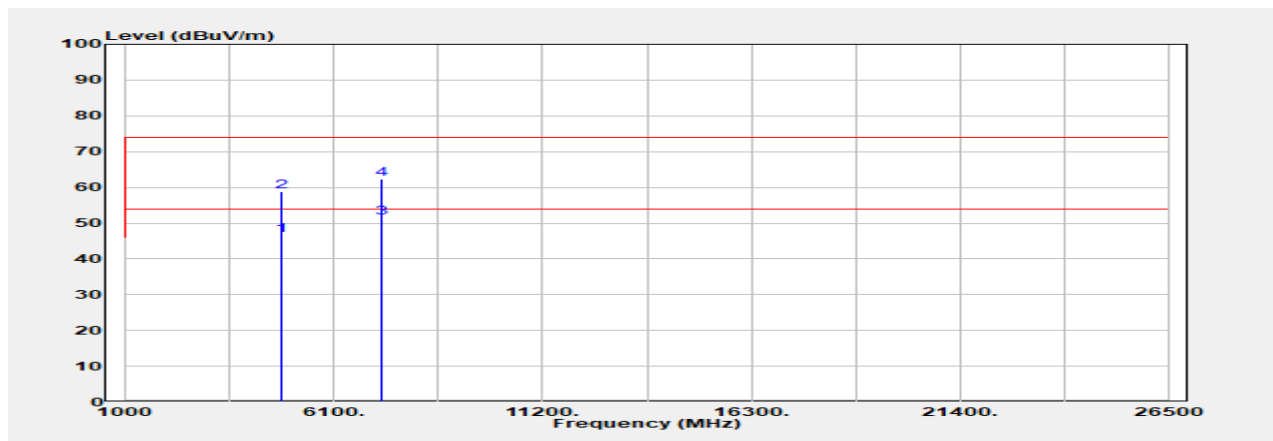
Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4824.000	Average	40.32	3.28	43.60	54.00	-10.40
4824.000	Peak	52.71	3.28	55.99	74.00	-18.01
7236.000	Average	41.38	8.54	49.91	54.00	-4.09
7236.000	Peak	51.95	8.54	60.48	74.00	-13.52

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Report Number :TERF2308001922E2  
 Operation Mode :802.11g  
 Test Frequency :2412 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-23  
 Temp./Humi. :23.6°C/59%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



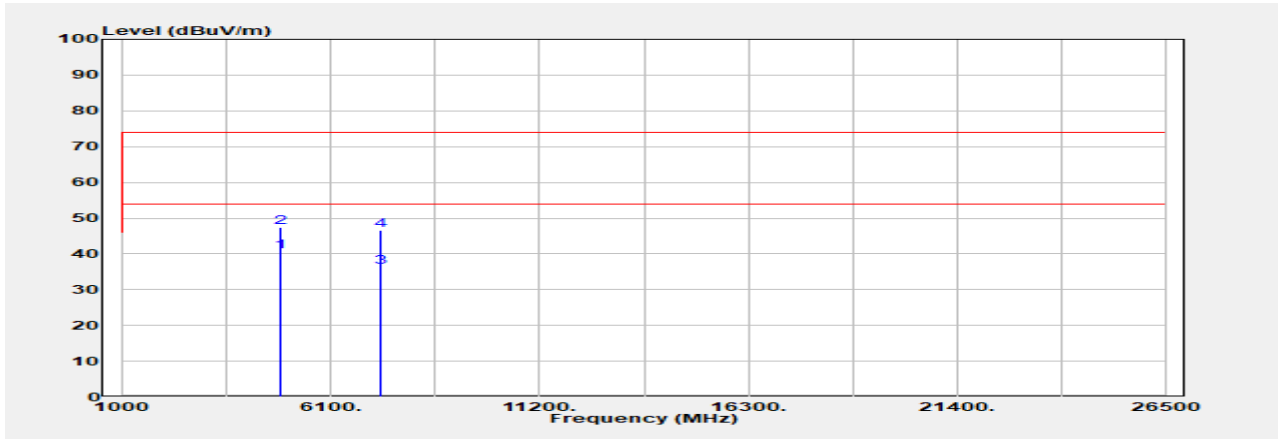
Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4824.000	Average	43.36	3.28	46.64	54.00	-7.36
4824.000	Peak	55.43	3.28	58.71	74.00	-15.29
7236.000	Average	42.97	8.54	51.51	54.00	-2.49
7236.000	Peak	53.67	8.54	62.21	74.00	-11.79

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Report Number :TERF2308001922E2  
 Operation Mode :802.11g  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-23  
 Temp./Humi. :23.6°C/59%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4874.000	Average	37.28	3.35	40.63	54.00	-13.37
4874.000	Peak	44.09	3.35	47.44	74.00	-26.56
7311.000	Average	27.80	8.58	36.38	54.00	-17.62
7311.000	Peak	38.08	8.58	46.65	74.00	-27.35

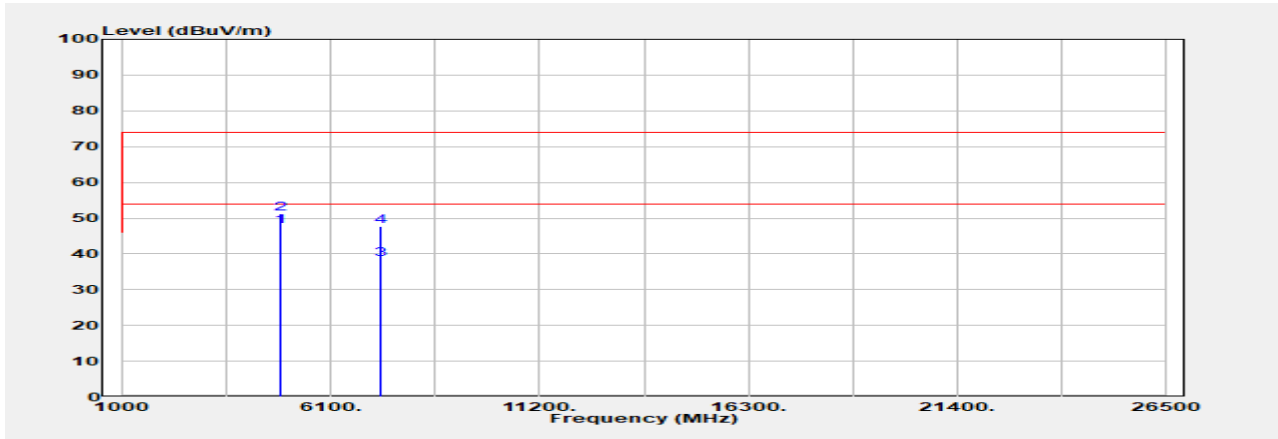
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Report Number :TERF2308001922E2  
 Operation Mode :802.11g  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-23  
 Temp./Humi. :23.6°C/59%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4874.000	Average	44.34	3.35	47.69	54.00	-6.31
4874.000	Peak	47.98	3.35	51.33	74.00	-22.67
7311.000	Average	29.94	8.58	38.52	54.00	-15.48
7311.000	Peak	38.99	8.58	47.57	74.00	-26.43

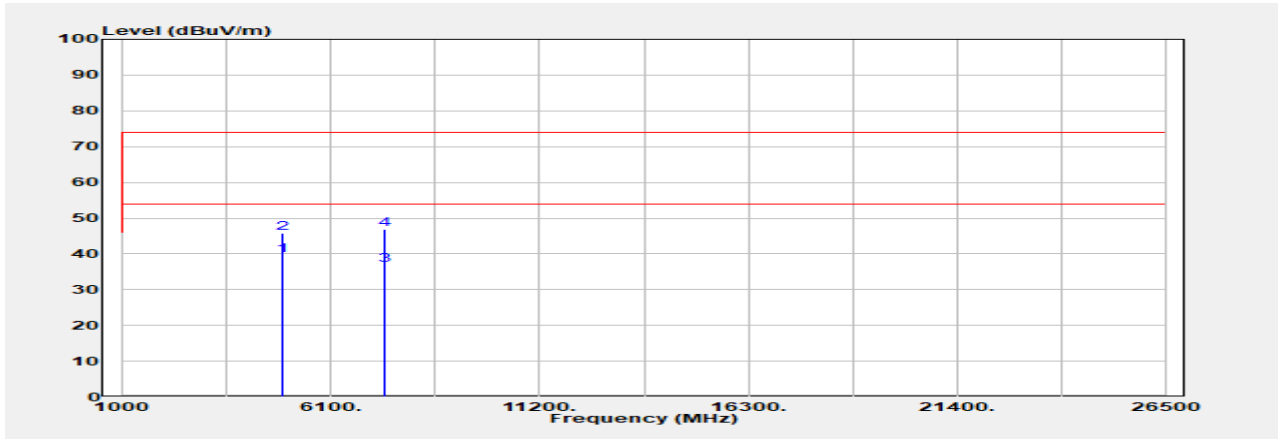
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Report Number :TERF2308001922E2  
 Operation Mode :802.11g  
 Test Frequency :2462 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-23  
 Temp./Humi. :23.6°C/59%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4924.000	Average	36.06	3.46	39.53	54.00	-14.47
4924.000	Peak	42.37	3.46	45.83	74.00	-28.17
7386.000	Average	27.96	9.03	36.99	54.00	-17.01
7386.000	Peak	37.89	9.03	46.92	74.00	-27.08

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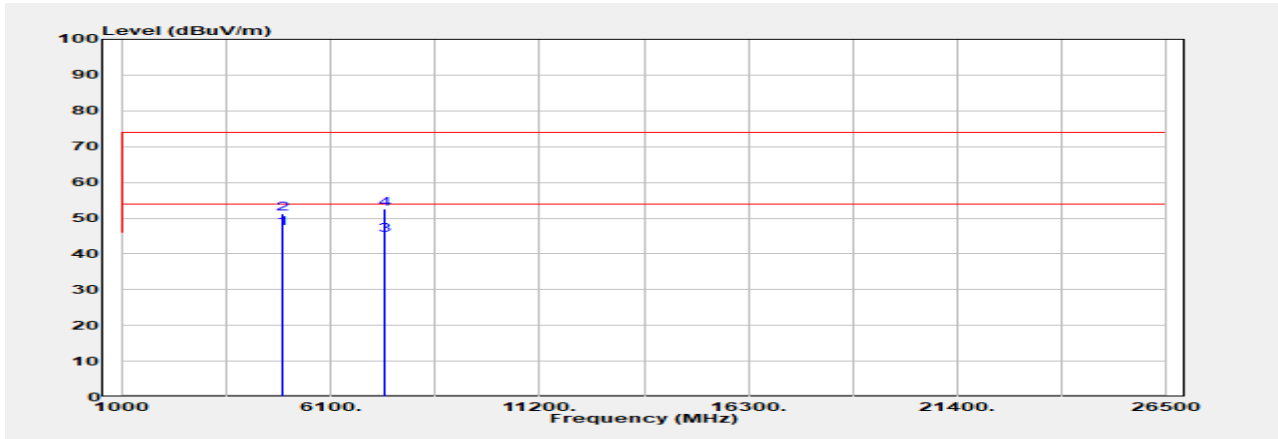
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Report Number :TERF2308001922E2  
 Operation Mode :802.11g  
 Test Frequency :2462 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-23  
 Temp./Humi. :23.6°C/59%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4924.000	Average	43.71	3.46	47.18	54.00	-6.82
4924.000	Peak	47.72	3.46	51.18	74.00	-22.82
7386.000	Average	36.22	9.03	45.25	54.00	-8.75
7386.000	Peak	43.64	9.03	52.67	74.00	-21.33

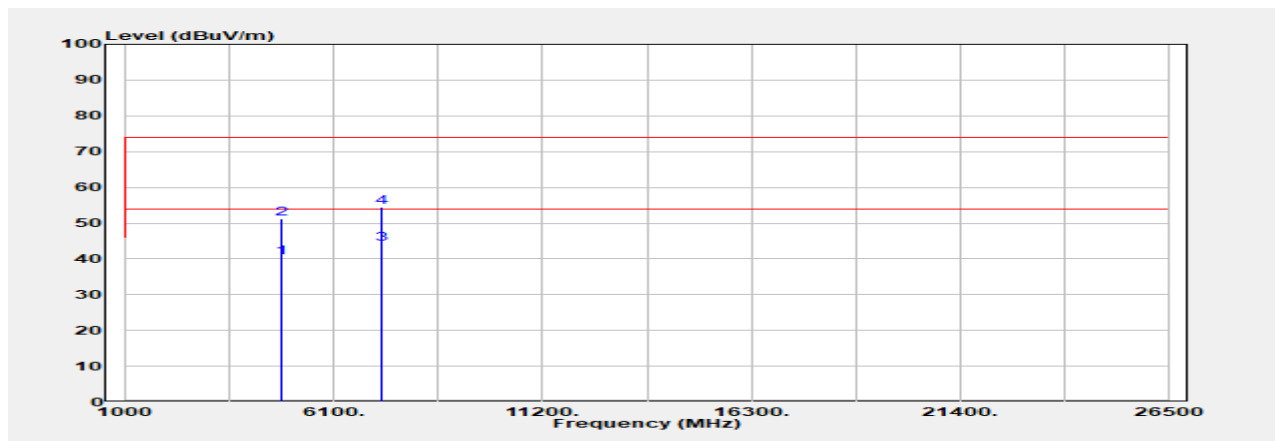
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Report Number :TERF2308001922E2  
 Operation Mode :802.11n20  
 Test Frequency :2412 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-23  
 Temp./Humi. :23.6°C/59%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4824.000	Average	37.00	3.28	40.29	54.00	-13.71
4824.000	Peak	47.87	3.28	51.16	74.00	-22.84
7236.000	Average	35.68	8.54	44.22	54.00	-9.78
7236.000	Peak	45.91	8.54	54.44	74.00	-19.56

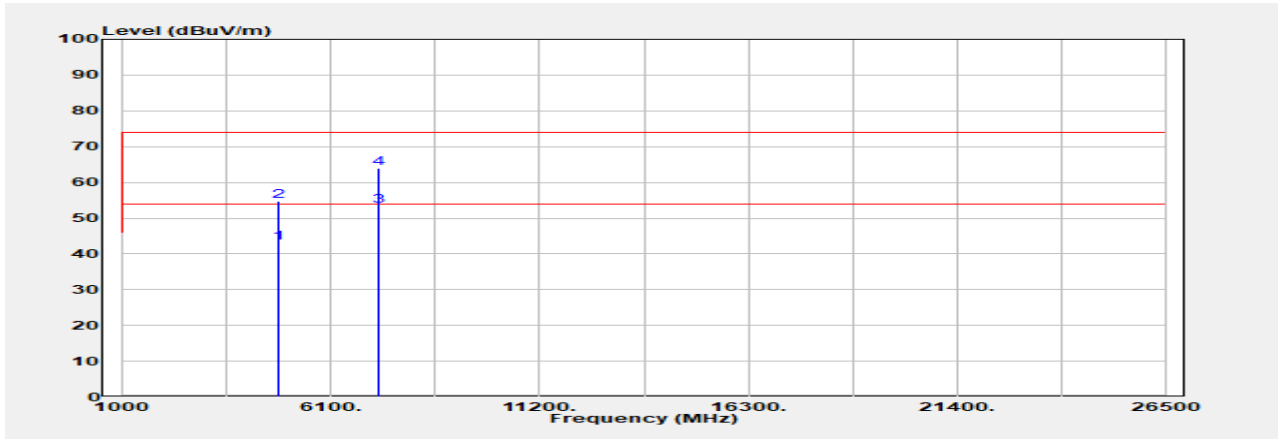
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Report Number :TERF2308001922E2  
 Operation Mode :802.11n20  
 Test Frequency :2412 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-23  
 Temp./Humi. :23.6°C/59%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4824.000	Average	39.81	3.28	43.10	54.00	-10.90
4824.000	Peak	51.35	3.28	54.63	74.00	-19.37
7236.000	Average	44.91	8.54	53.44	54.00	-0.56
7236.000	Peak	55.46	8.54	64.00	74.00	-10.00

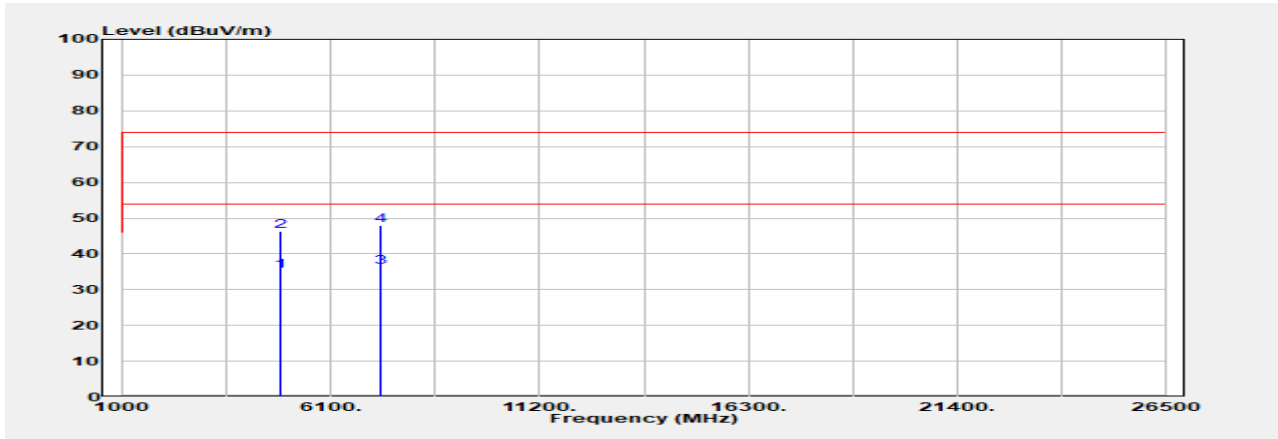
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Report Number :TERF2308001922E2  
 Operation Mode :802.11n20  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-23  
 Temp./Humi. :23.6°C/59%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4874.000	Average	31.95	3.35	35.31	54.00	-18.69
4874.000	Peak	42.89	3.35	46.24	74.00	-27.76
7311.000	Average	27.72	8.58	36.30	54.00	-17.70
7311.000	Peak	39.51	8.58	48.09	74.00	-25.91

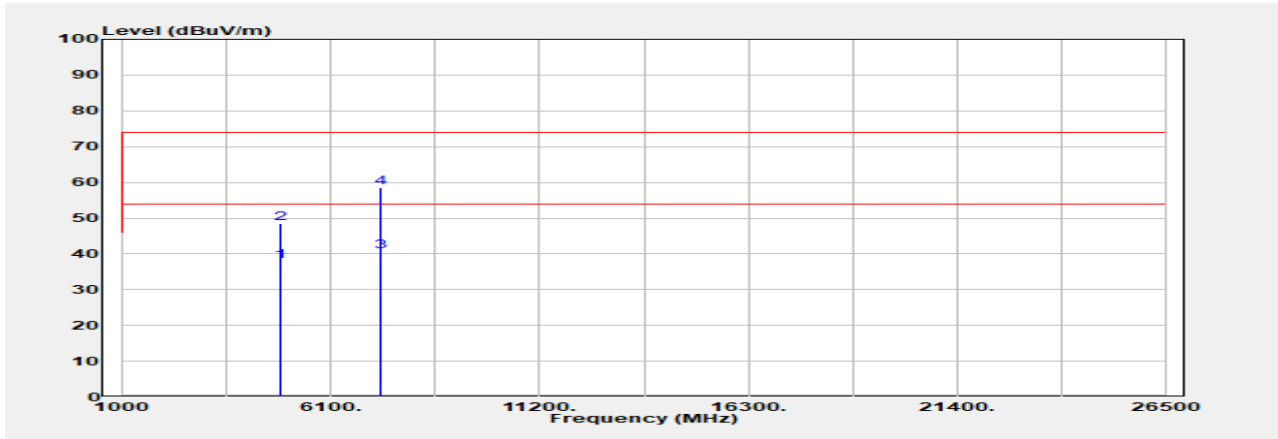
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Report Number :TERF2308001922E2  
 Operation Mode :802.11n20  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-23  
 Temp./Humi. :23.6°C/59%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4874.000	Average	34.65	3.35	38.00	54.00	-16.00
4874.000	Peak	45.09	3.35	48.44	74.00	-25.56
7311.000	Average	31.98	8.58	40.55	54.00	-13.45
7311.000	Peak	49.87	8.58	58.45	74.00	-15.55

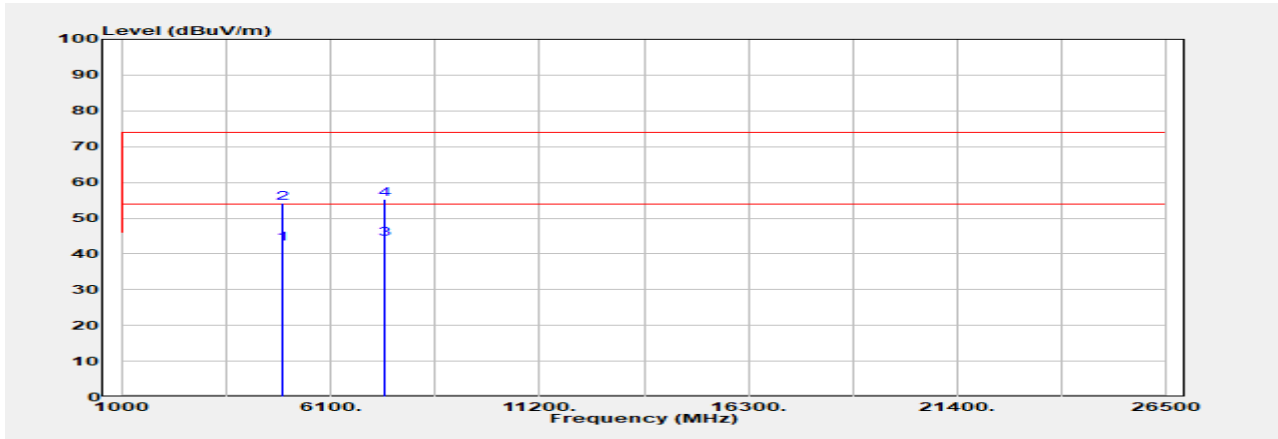
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Report Number :TERF2308001922E2  
 Operation Mode :802.11n20  
 Test Frequency :2462 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-23  
 Temp./Humi. :23.6°C/59%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



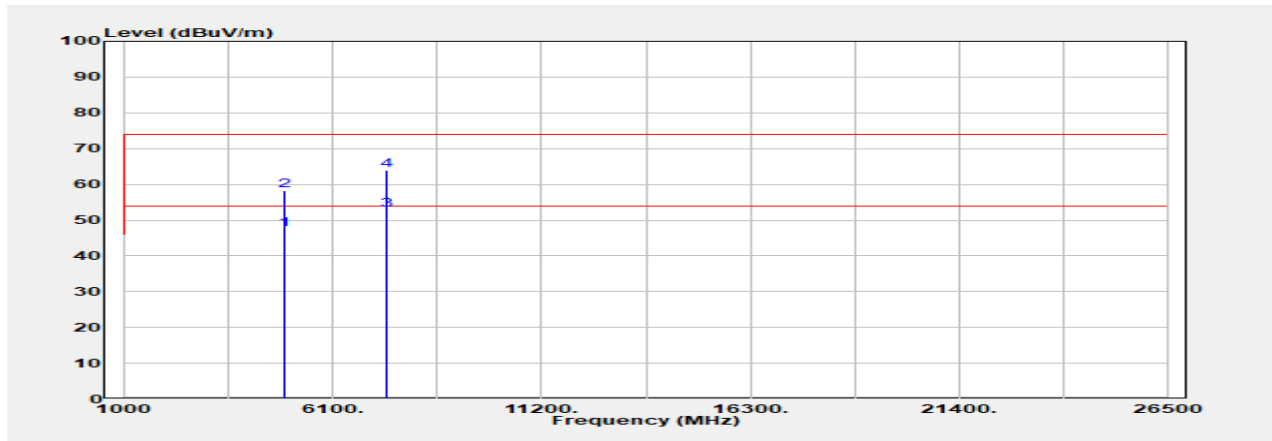
Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4924.000	Average	39.38	3.46	42.84	54.00	-11.16
4924.000	Peak	50.70	3.46	54.17	74.00	-19.83
7386.000	Average	35.15	9.03	44.18	54.00	-9.82
7386.000	Peak	46.37	9.03	55.40	74.00	-18.60

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Report Number :TERF2308001922E2  
 Operation Mode :802.11n20  
 Test Frequency :2462 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-23  
 Temp./Humi. :23.6°C/59%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4924.000	Average	43.92	3.46	47.38	54.00	-6.62
4924.000	Peak	54.71	3.46	58.18	74.00	-15.82
7386.000	Average	43.88	9.03	52.91	54.00	-1.09
7386.000	Peak	54.88	9.03	63.91	74.00	-10.09

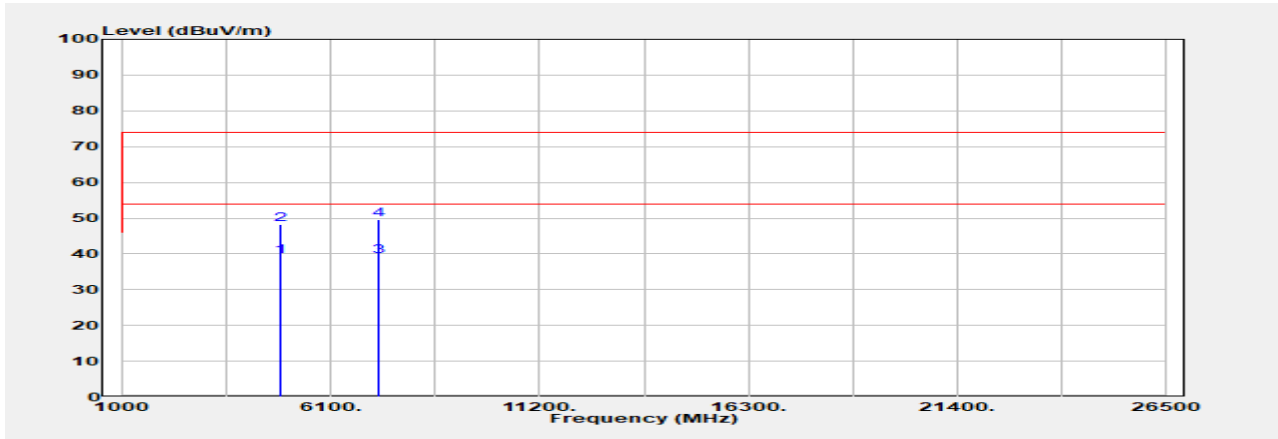
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Report Number :TERF2308001922E2  
 Operation Mode :802.11n40  
 Test Frequency :2422 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-23  
 Temp./Humi. :23.6°C/59%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4844.000	Average	36.06	3.31	39.37	54.00	-14.63
4844.000	Peak	44.86	3.31	48.17	74.00	-25.83
7266.000	Average	30.88	8.53	39.42	54.00	-14.58
7266.000	Peak	41.04	8.53	49.58	74.00	-24.42

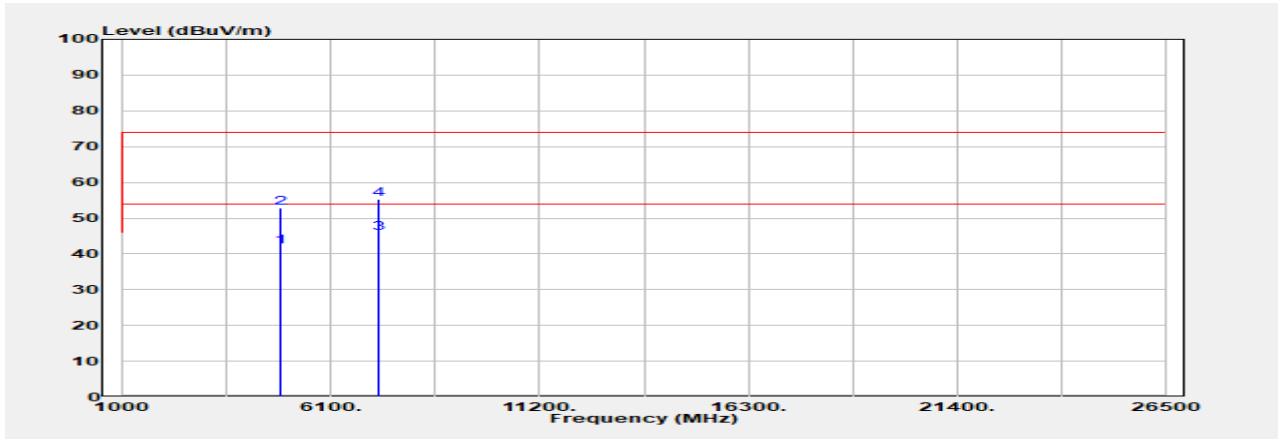
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Report Number :TERF2308001922E2  
 Operation Mode :802.11n40  
 Test Frequency :2422 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-23  
 Temp./Humi. :23.6°C/59%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
4844.000	Average	38.80	3.31	42.11	54.00	-11.89
4844.000	Peak	49.50	3.31	52.81	74.00	-21.19
7266.000	Average	37.13	8.53	45.67	54.00	-8.33
7266.000	Peak	46.71	8.53	55.25	74.00	-18.75

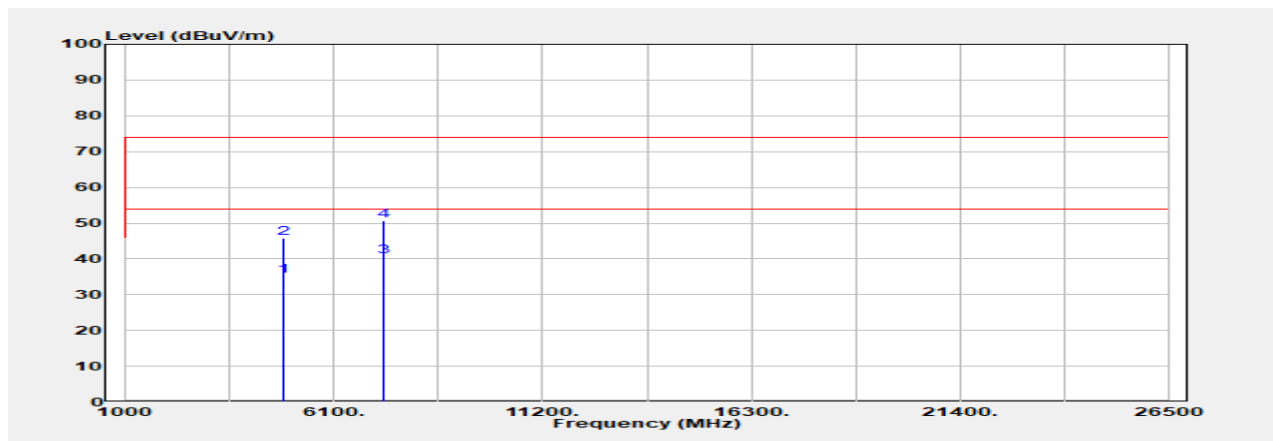
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Report Number :TERF2308001922E2  
 Operation Mode :802.11n40  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-23  
 Temp./Humi. :23.6°C/59%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4874.000	Average	31.97	3.35	35.32	54.00	-18.68
4874.000	Peak	42.51	3.35	45.86	74.00	-28.14
7311.000	Average	32.01	8.58	40.58	54.00	-13.42
7311.000	Peak	42.08	8.58	50.66	74.00	-23.34

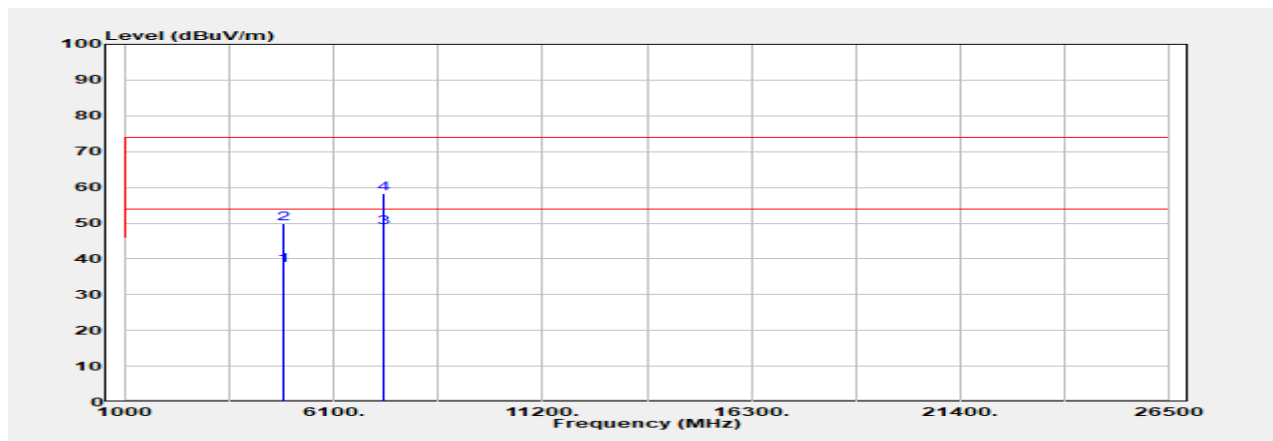
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Report Number :TERF2308001922E2  
 Operation Mode :802.11n40  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-23  
 Temp./Humi. :23.6°C/59%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



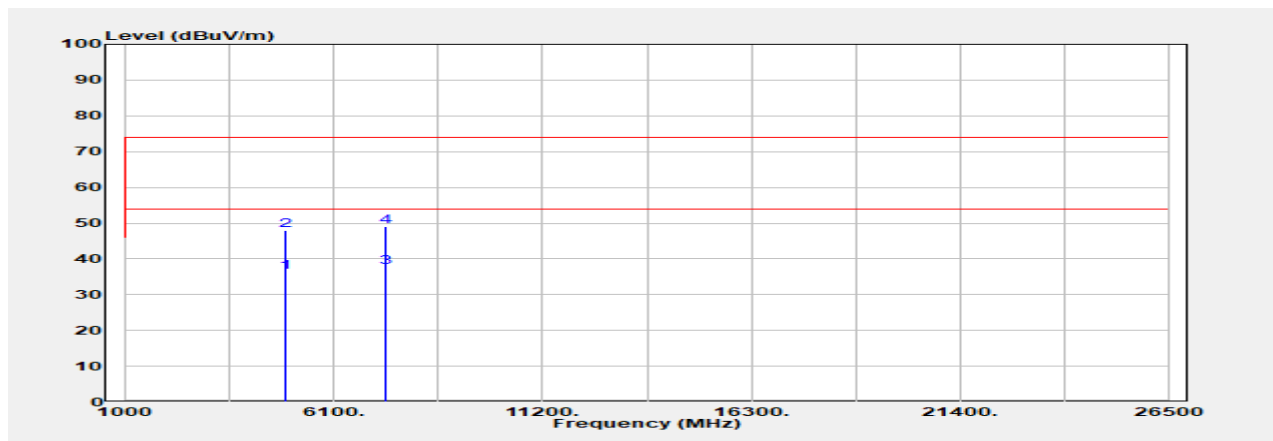
Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4874.000	Average	34.79	3.35	38.15	54.00	-15.85
4874.000	Peak	46.53	3.35	49.88	74.00	-24.12
7311.000	Average	40.11	8.58	48.69	54.00	-5.31
7311.000	Peak	49.79	8.58	58.36	74.00	-15.64

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Report Number :TERF2308001922E2  
 Operation Mode :802.11n40  
 Test Frequency :2452 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-23  
 Temp./Humi. :23.6°C/59%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



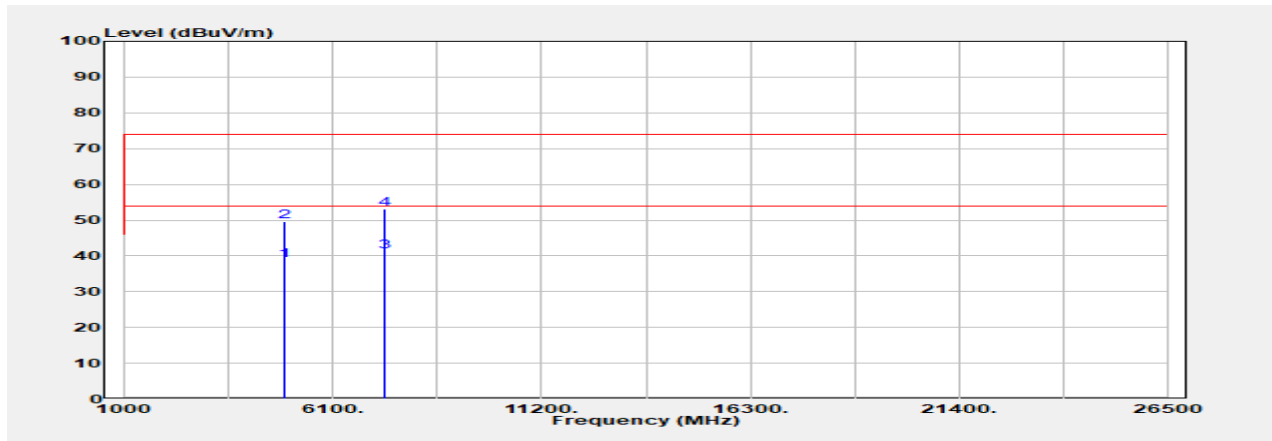
Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4904.000	Average	32.95	3.40	36.35	54.00	-17.65
4904.000	Peak	44.68	3.40	48.08	74.00	-25.92
7356.000	Average	28.89	8.88	37.77	54.00	-16.23
7356.000	Peak	40.12	8.88	49.00	74.00	-25.00

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Report Number :TERF2308001922E2  
 Operation Mode :802.11n40  
 Test Frequency :2452 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-23  
 Temp./Humi. :23.6°C/59%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4904.000	Average	35.41	3.40	38.81	54.00	-15.19
4904.000	Peak	46.32	3.40	49.72	74.00	-24.28
7356.000	Average	32.20	8.88	41.08	54.00	-12.92
7356.000	Peak	44.34	8.88	53.22	74.00	-20.78

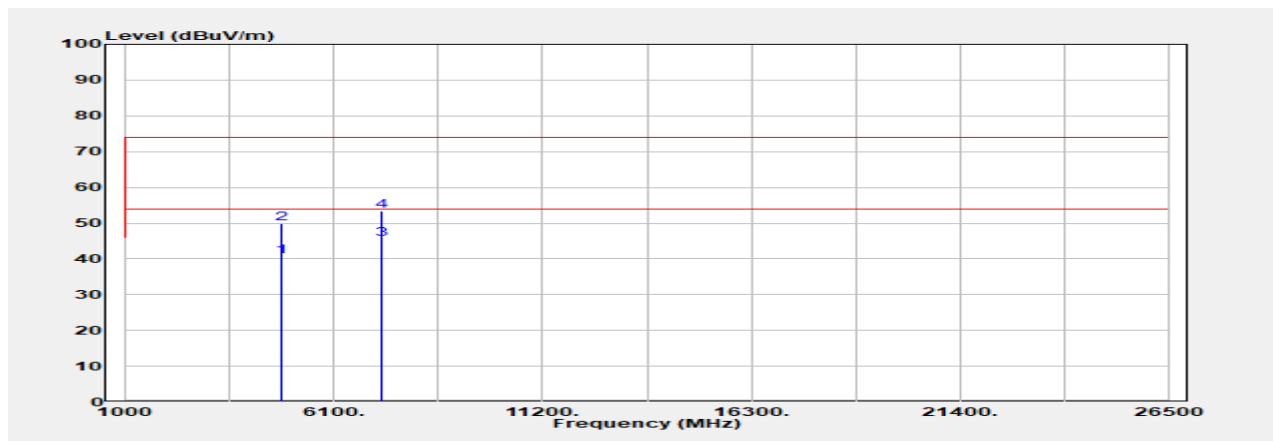
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Report Number :TERF2308001922E2  
 Operation Mode :802.11be20  
 Test Frequency :2412 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-23  
 Temp./Humi. :23.6°C/59%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



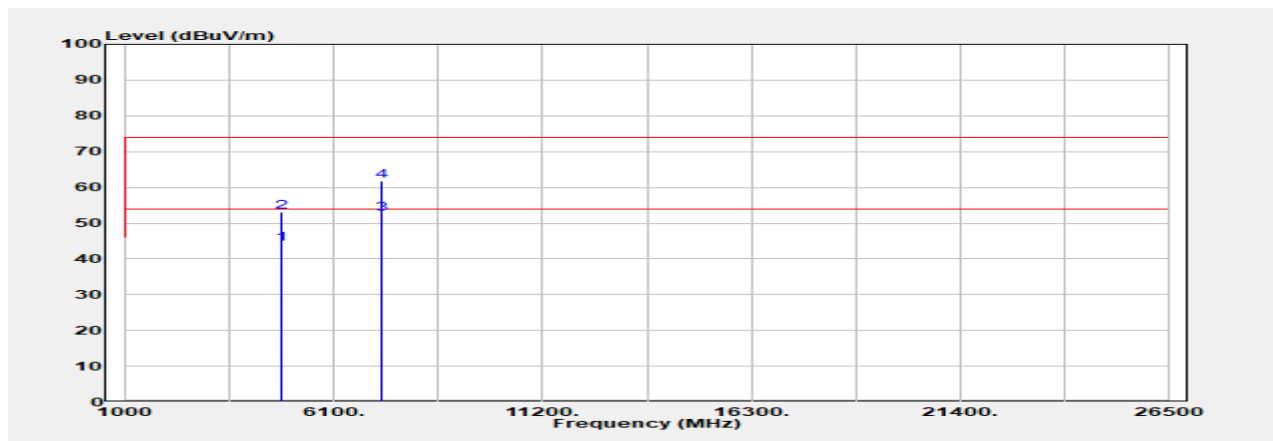
Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4824.000	Average	37.37	3.28	40.65	54.00	-13.35
4824.000	Peak	46.52	3.28	49.80	74.00	-24.20
7236.000	Average	36.97	8.54	45.51	54.00	-8.49
7236.000	Peak	44.93	8.54	53.47	74.00	-20.53

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Report Number :TERF2308001922E2  
 Operation Mode :802.11be20  
 Test Frequency :2412 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-23  
 Temp./Humi. :23.6°C/59%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



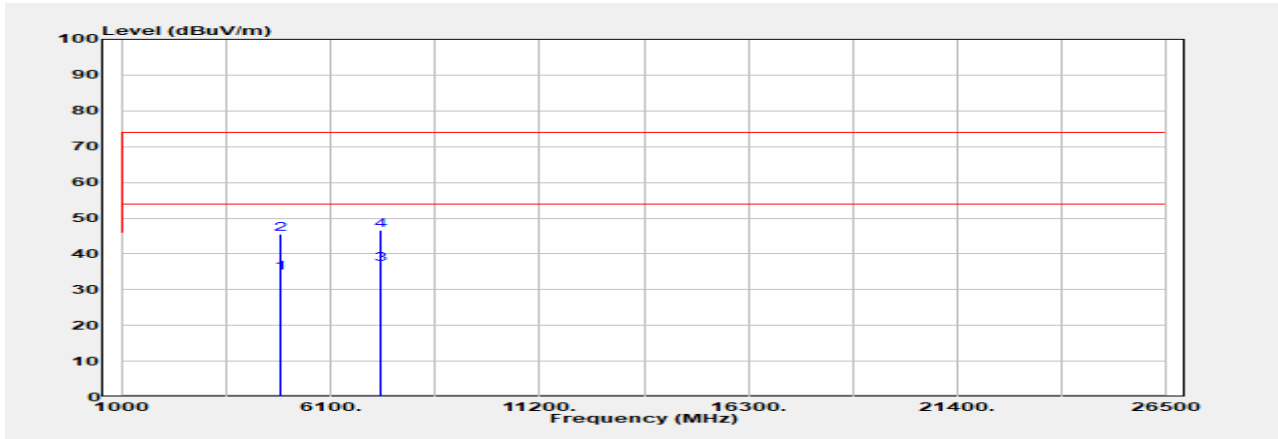
Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4824.000	Average	40.86	3.28	44.15	54.00	-9.85
4824.000	Peak	49.73	3.28	53.01	74.00	-20.99
7236.000	Average	44.04	8.54	52.58	54.00	-1.42
7236.000	Peak	53.20	8.54	61.74	74.00	-12.26

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Report Number :TERF2308001922E2  
 Operation Mode :802.11be20  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-23  
 Temp./Humi. :23.6°C/59%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4874.000	Average	31.38	3.35	34.74	54.00	-19.26
4874.000	Peak	42.10	3.35	45.46	74.00	-28.54
7311.000	Average	28.61	8.58	37.18	54.00	-16.82
7311.000	Peak	38.07	8.58	46.64	74.00	-27.36

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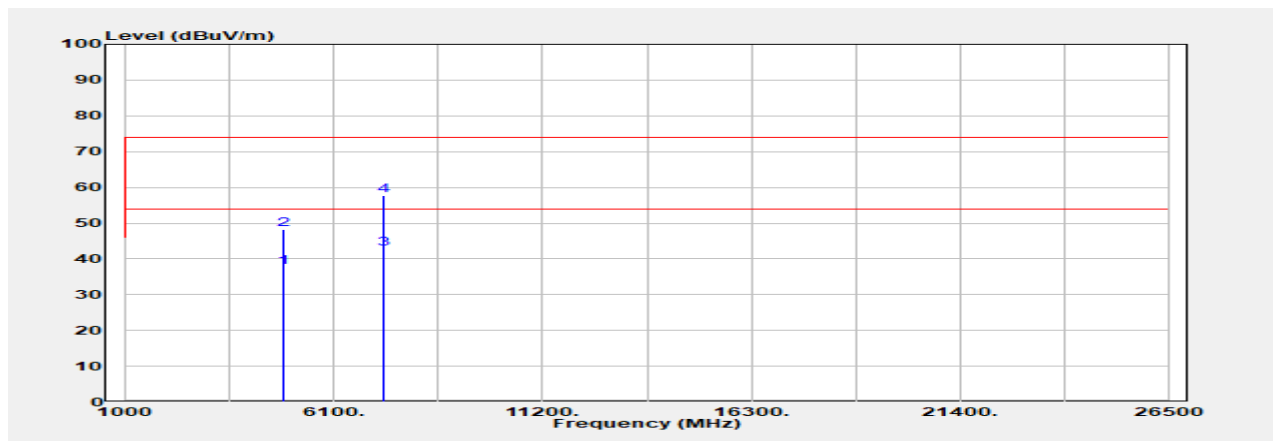
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Report Number :TERF2308001922E2  
 Operation Mode :802.11be20  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-23  
 Temp./Humi. :23.6°C/59%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4874.000	Average	34.30	3.35	37.66	54.00	-16.34
4874.000	Peak	44.89	3.35	48.25	74.00	-25.75
7311.000	Average	34.35	8.58	42.93	54.00	-11.07
7311.000	Peak	49.04	8.58	57.62	74.00	-16.38

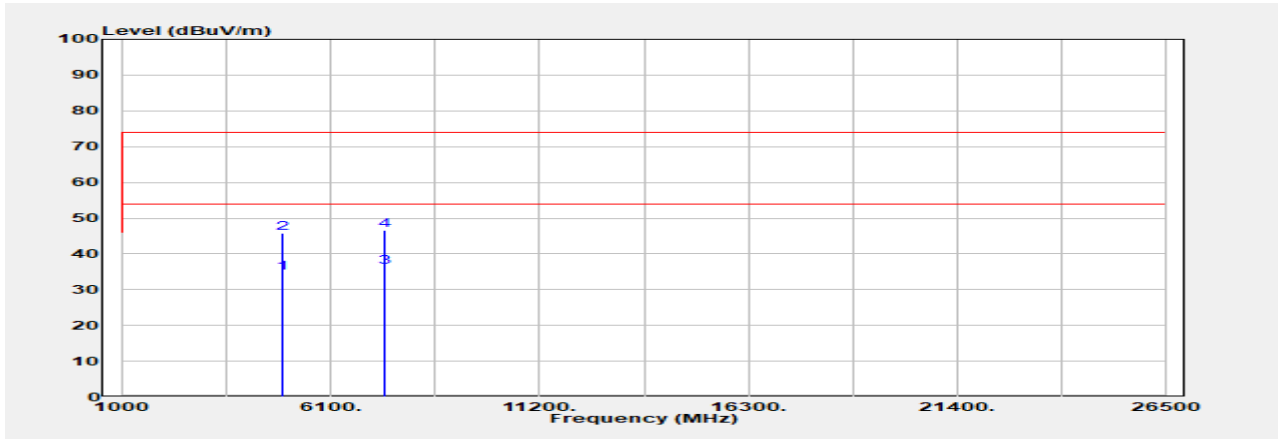
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Report Number :TERF2308001922E2  
 Operation Mode :802.11be20  
 Test Frequency :2462 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-23  
 Temp./Humi. :23.6°C/59%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4924.000	Average	31.20	3.46	34.67	54.00	-19.33
4924.000	Peak	42.33	3.46	45.80	74.00	-28.20
7386.000	Average	27.31	9.03	36.34	54.00	-17.66
7386.000	Peak	37.54	9.03	46.57	74.00	-27.43

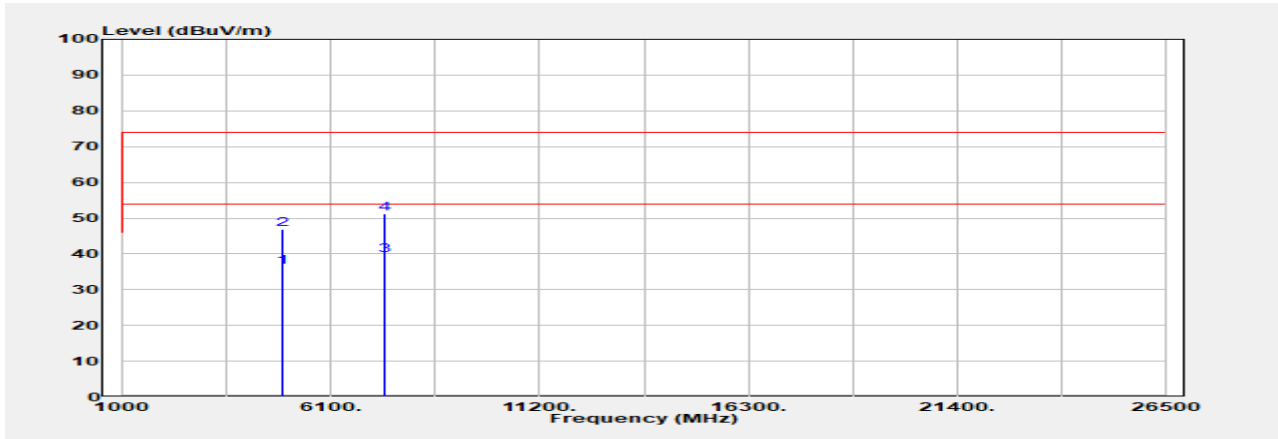
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Report Number :TERF2308001922E2  
 Operation Mode :802.11be20  
 Test Frequency :2462 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-23  
 Temp./Humi. :23.6°C/59%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
4924.000	Average	32.92	3.46	36.39	54.00	-17.61
4924.000	Peak	43.46	3.46	46.93	74.00	-27.07
7386.000	Average	30.53	9.03	39.56	54.00	-14.44
7386.000	Peak	42.17	9.03	51.20	74.00	-22.80

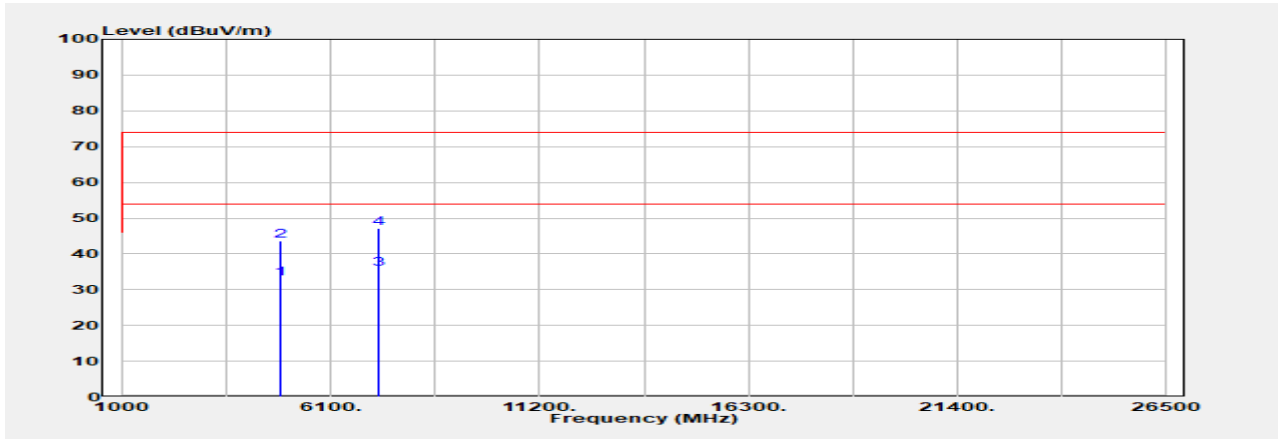
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Report Number :TERF2308001922E2  
 Operation Mode :802.11be40  
 Test Frequency :2422 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-23  
 Temp./Humi. :23.6°C/59%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



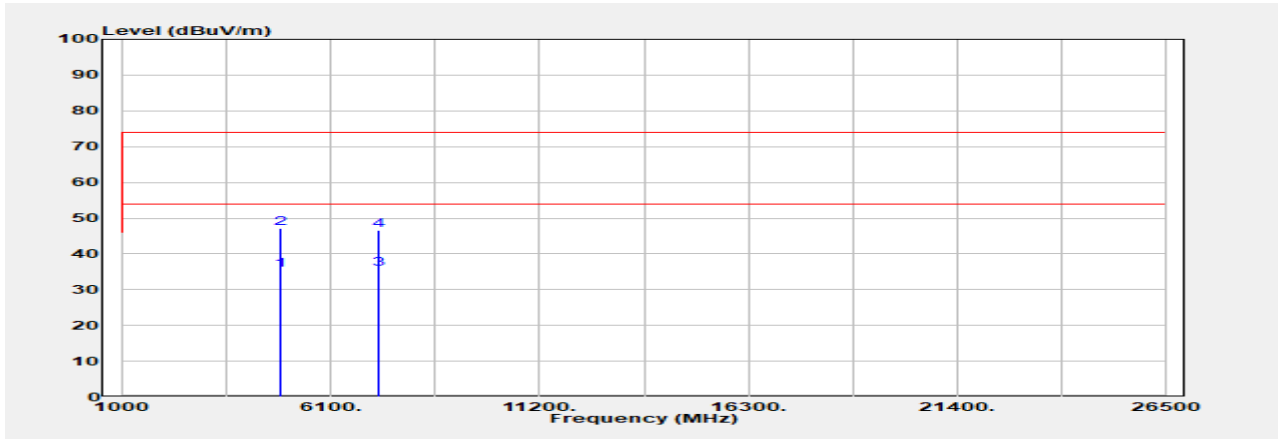
Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4844.000	Average	29.71	3.31	33.02	54.00	-20.98
4844.000	Peak	40.37	3.31	43.68	74.00	-30.32
7266.000	Average	27.18	8.53	35.72	54.00	-18.28
7266.000	Peak	38.51	8.53	47.04	74.00	-26.96

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Report Number :TERF2308001922E2  
 Operation Mode :802.11be40  
 Test Frequency :2422 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-23  
 Temp./Humi. :23.6°C/59%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4844.000	Average	32.26	3.31	35.57	54.00	-18.43
4844.000	Peak	43.87	3.31	47.18	74.00	-26.82
7266.000	Average	27.17	8.53	35.71	54.00	-18.29
7266.000	Peak	38.13	8.53	46.67	74.00	-27.33

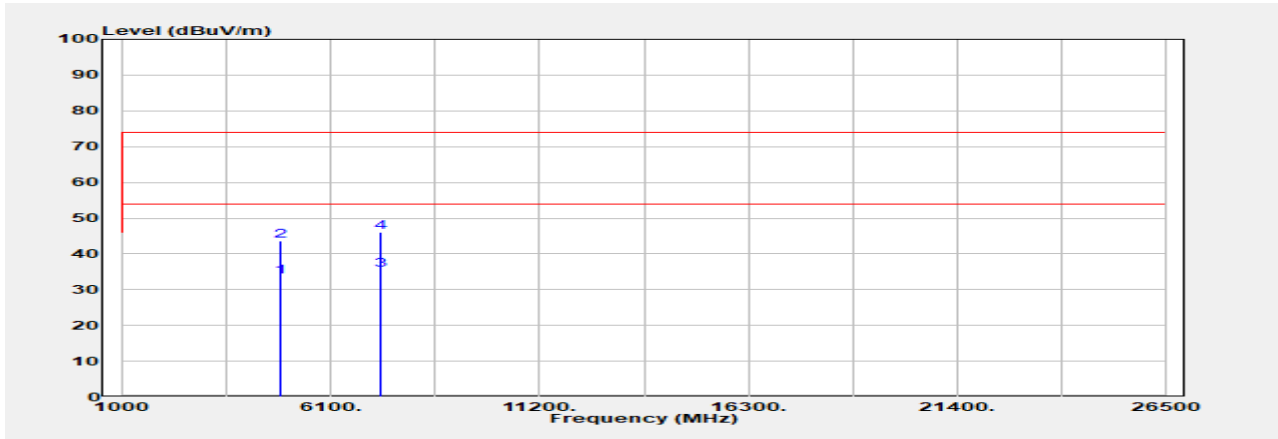
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Report Number :TERF2308001922E2  
 Operation Mode :802.11be40  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-23  
 Temp./Humi. :23.6°C/59%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



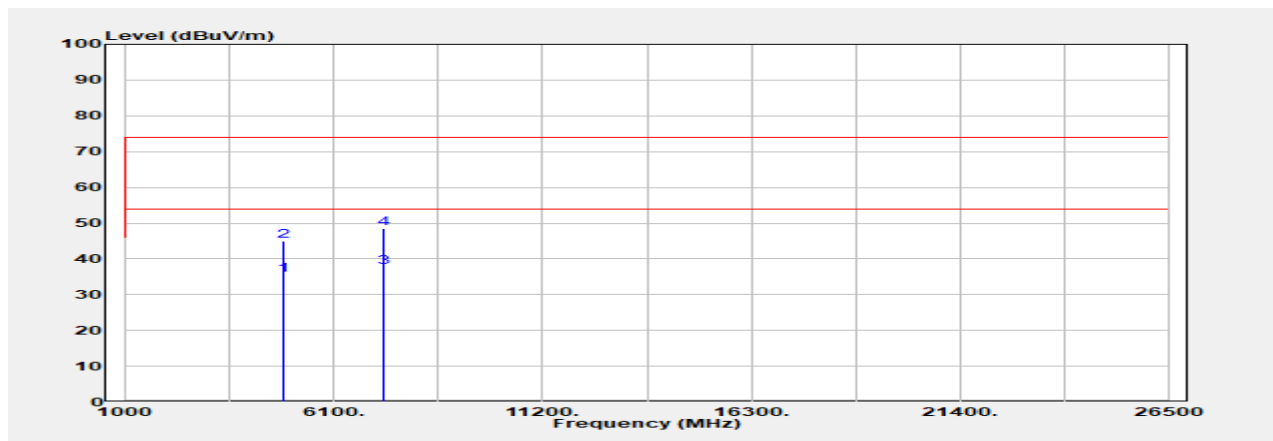
Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4874.000	Average	30.30	3.35	33.65	54.00	-20.35
4874.000	Peak	40.17	3.35	43.52	74.00	-30.48
7311.000	Average	27.00	8.58	35.58	54.00	-18.42
7311.000	Peak	37.48	8.58	46.06	74.00	-27.94

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Report Number :TERF2308001922E2  
 Operation Mode :802.11be40  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-23  
 Temp./Humi. :23.6°C/59%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



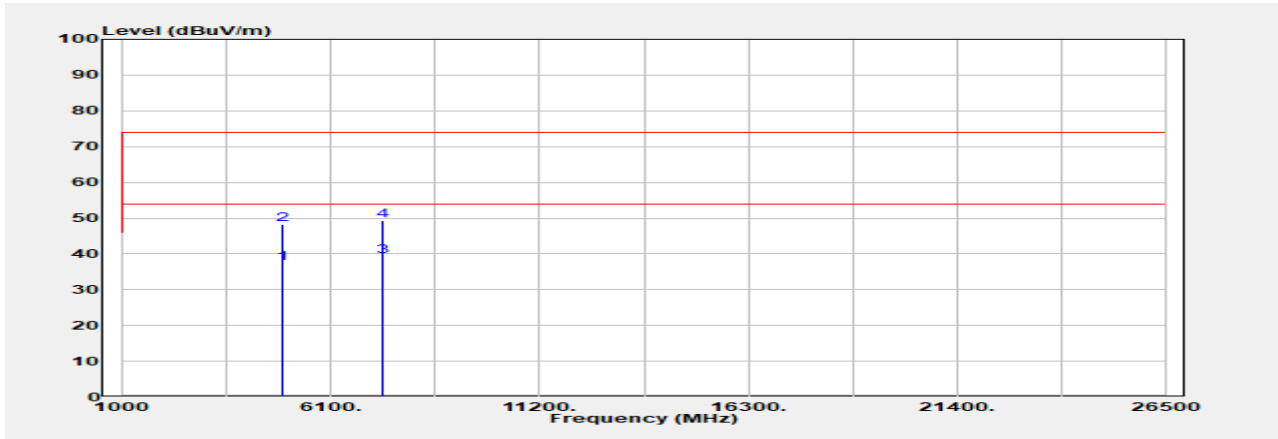
Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4874.000	Average	32.15	3.35	35.50	54.00	-18.50
4874.000	Peak	41.61	3.35	44.96	74.00	-29.04
7311.000	Average	29.07	8.58	37.65	54.00	-16.35
7311.000	Peak	40.02	8.58	48.59	74.00	-25.41

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Report Number :TERF2308001922E2  
 Operation Mode :802.11be40  
 Test Frequency :2452 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-23  
 Temp./Humi. :23.6°C/59%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
4904.000	Average	33.96	3.40	37.37	54.00	-16.63
4904.000	Peak	44.86	3.40	48.26	74.00	-25.74
7356.000	Average	30.48	8.88	39.36	54.00	-14.64
7356.000	Peak	40.58	8.88	49.46	74.00	-24.54

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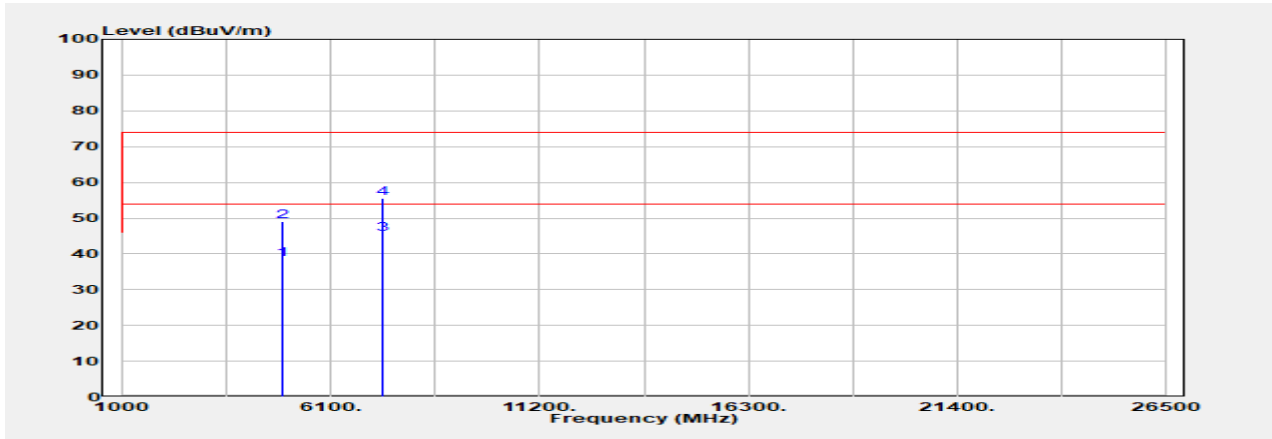
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Report Number :TERF2308001922E2  
 Operation Mode :802.11be40  
 Test Frequency :2452 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-08-23  
 Temp./Humi. :23.6°C/59%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
4904.000	Average	35.04	3.40	38.44	54.00	-15.56
4904.000	Peak	45.64	3.40	49.04	74.00	-24.96
7356.000	Average	36.66	8.88	45.54	54.00	-8.46
7356.000	Peak	46.69	8.88	55.58	74.00	-18.42

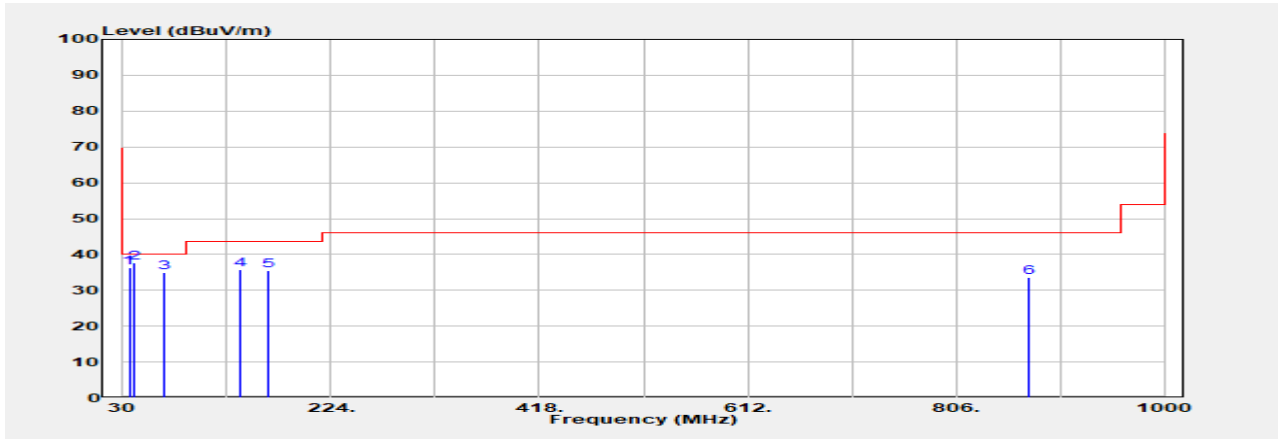
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**Mode: Beamforming**

Report Number	:TERF2308001922E2	Test Site	:SAC G Chamber
Operation Mode	:802.11n20	Test Date	:2023-11-02
Test Frequency	:2437 MHz	Temp./Humi.	:22.6°C/56%
Test Mode	:Tx	Antenna Pol.	:Vertical
EUT Pol	:E2 Plane	Engineer	:Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
35.820	QP	50.43	-14.19	36.24	40.00	-3.76
39.700	QP	51.03	-13.47	37.56	40.00	-2.44
68.800	QP	49.67	-14.80	34.87	40.00	-5.13
139.610	Peak	49.20	-13.42	35.78	43.50	-7.72
165.800	Peak	48.60	-13.05	35.55	43.50	-7.95
874.870	Peak	33.80	-0.11	33.69	46.00	-12.31

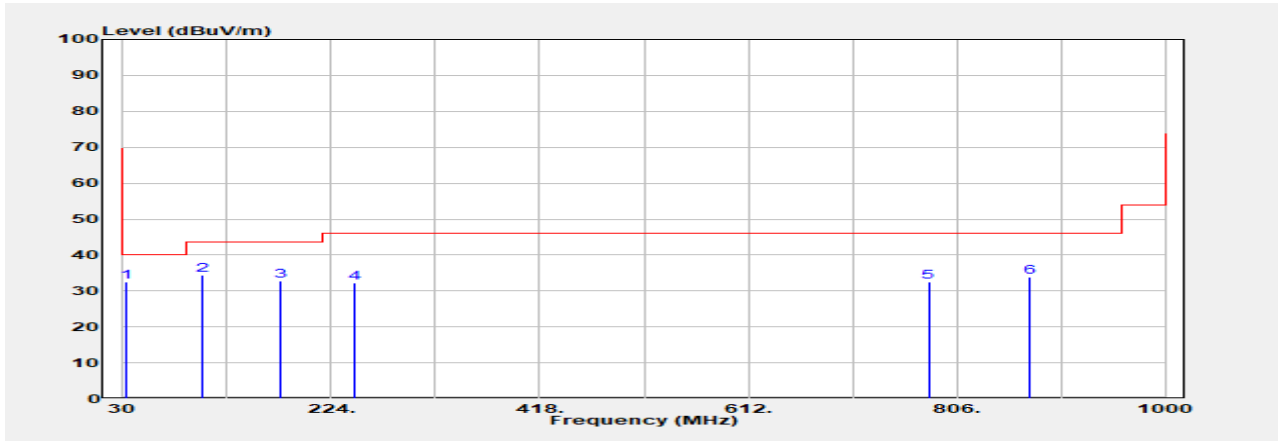
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Report Number :TERF2308001922E2  
 Operation Mode :802.11n20  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-11-02  
 Temp./Humi. :22.6°C/56%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB $\mu$ V	Factor dB	Actual FS dB $\mu$ V/m	Limit @3m dB $\mu$ V/m	Margin dB
33.880	Peak	46.78	-14.14	32.64	40.00	-7.36
104.690	Peak	51.15	-16.66	34.48	43.50	-9.02
176.470	Peak	46.69	-13.99	32.70	43.50	-10.80
246.310	Peak	46.23	-13.92	32.31	46.00	-13.69
779.810	Peak	34.37	-1.76	32.62	46.00	-13.38
874.870	Peak	33.98	-0.11	33.87	46.00	-12.13

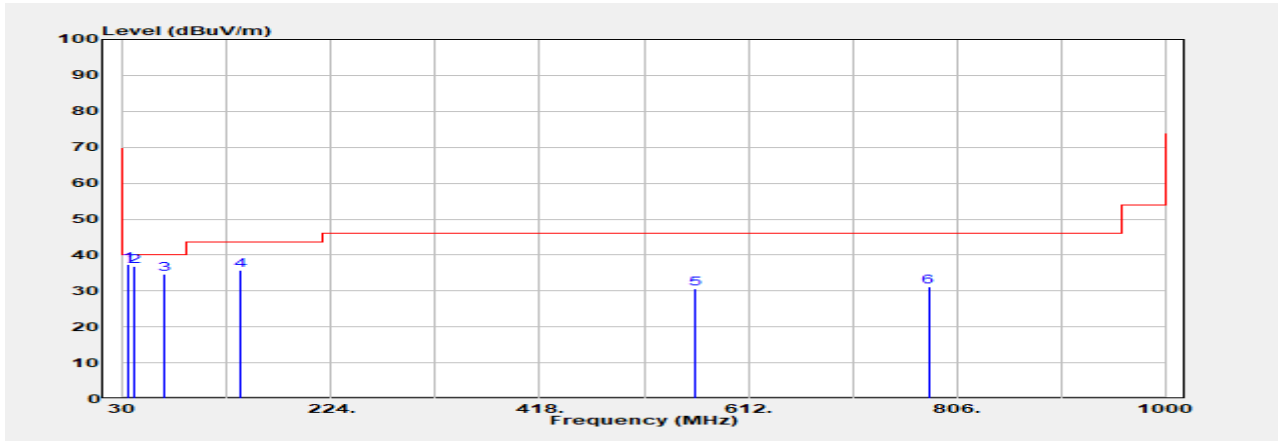
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Report Number :TERF2308001922E2  
 Operation Mode :802.11be40  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-11-02  
 Temp./Humi. :22.6°C/56%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
34.850	QP	51.52	-14.03	37.49	40.00	-2.51
39.700	QP	50.37	-13.47	36.90	40.00	-3.10
68.800	QP	49.61	-14.80	34.81	40.00	-5.19
139.610	Peak	49.15	-13.42	35.73	43.50	-7.77
562.530	Peak	36.74	-6.13	30.61	46.00	-15.39
779.810	Peak	32.83	-1.76	31.07	46.00	-14.93

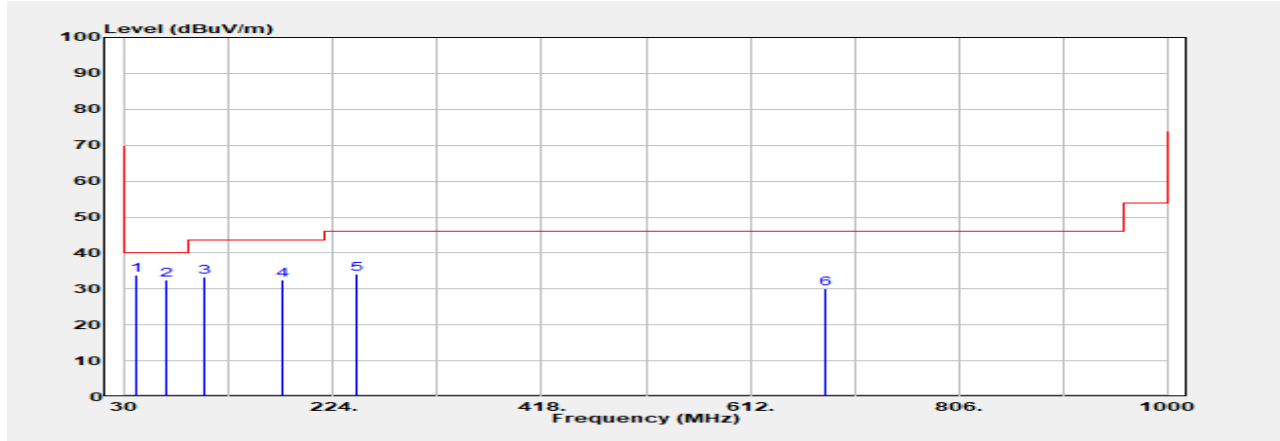
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Report Number :TERF2308001922E2  
 Operation Mode :802.11be40  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-11-02  
 Temp./Humi. :22.6°C/56%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
39.700	Peak	47.35	-13.47	33.88	40.00	-6.12
67.830	Peak	46.92	-14.39	32.53	40.00	-7.47
104.690	Peak	49.88	-16.66	33.21	43.50	-10.29
176.470	Peak	46.61	-13.99	32.61	43.50	-10.89
246.310	Peak	48.15	-13.92	34.23	46.00	-11.77
682.810	Peak	33.55	-3.36	30.19	46.00	-15.81

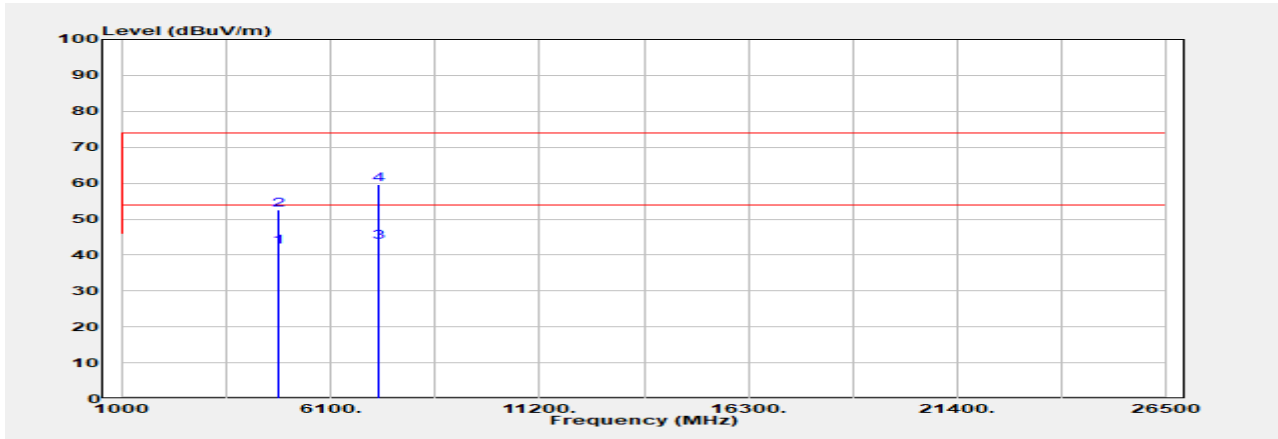
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Report Number :TERF2308001922E2  
 Operation Mode :802.11n20  
 Test Frequency :2412 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-09-15  
 Temp./Humi. :23.1°C/59%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4824.000	Average	39.05	3.28	42.33	54.00	-11.67
4824.000	Peak	49.28	3.28	52.57	74.00	-21.43
7236.000	Average	35.06	8.54	43.59	54.00	-10.41
7236.000	Peak	51.00	8.54	59.54	74.00	-14.46

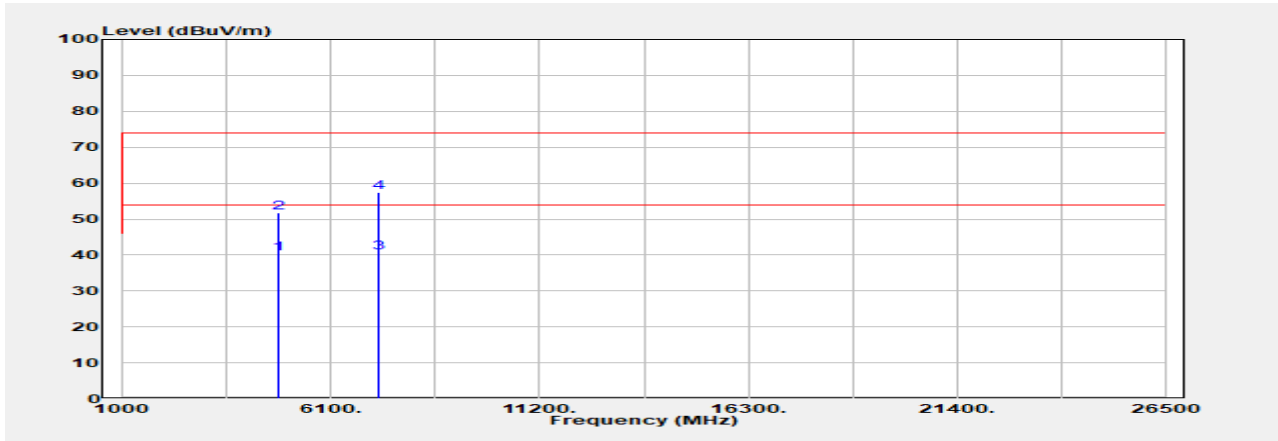
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Report Number :TERF2308001922E2  
 Operation Mode :802.11n20  
 Test Frequency :2412 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-09-15  
 Temp./Humi. :23.1°C/59%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



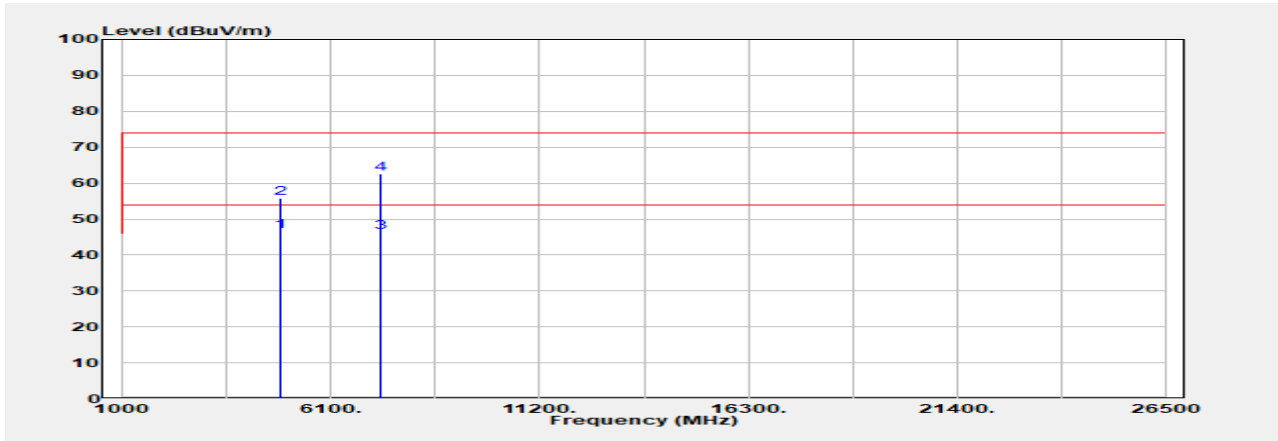
Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4824.000	Average	36.98	3.28	40.27	54.00	-13.73
4824.000	Peak	48.57	3.28	51.86	74.00	-22.14
7236.000	Average	32.16	8.54	40.69	54.00	-13.31
7236.000	Peak	48.88	8.54	57.41	74.00	-16.59

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Report Number :TERF2308001922E2  
 Operation Mode :802.11n20  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-09-15  
 Temp./Humi. :23.1°C/59%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4874.000	Average	43.29	3.35	46.64	54.00	-7.36
4874.000	Peak	52.60	3.35	55.95	74.00	-18.05
7311.000	Average	37.82	8.58	46.40	54.00	-7.60
7311.000	Peak	53.99	8.58	62.57	74.00	-11.43

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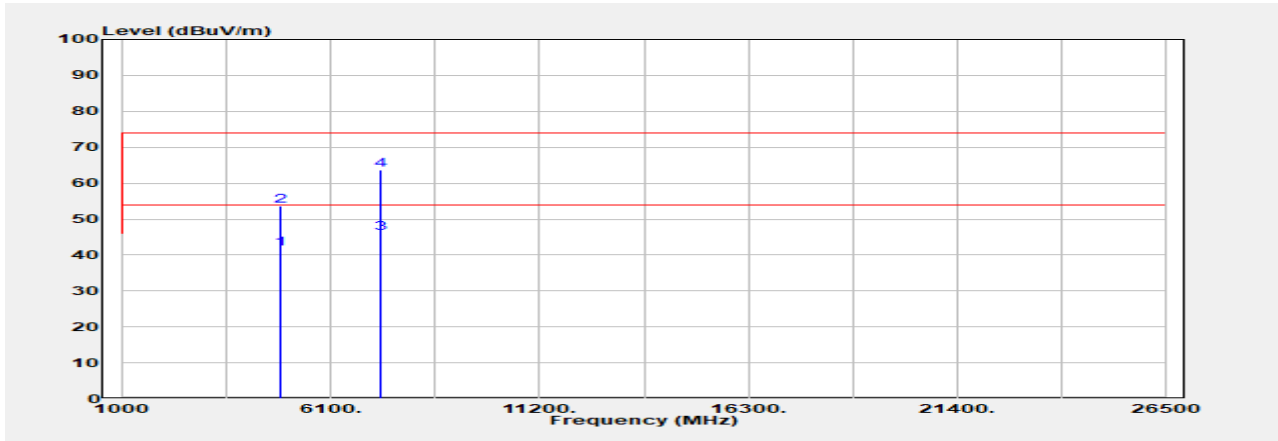
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Report Number :TERF2308001922E2  
 Operation Mode :802.11n20  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-09-15  
 Temp./Humi. :23.1°C/59%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4874.000	Average	38.29	3.35	41.65	54.00	-12.35
4874.000	Peak	50.34	3.35	53.69	74.00	-20.31
7311.000	Average	37.48	8.58	46.06	54.00	-7.94
7311.000	Peak	55.22	8.58	63.80	74.00	-10.20

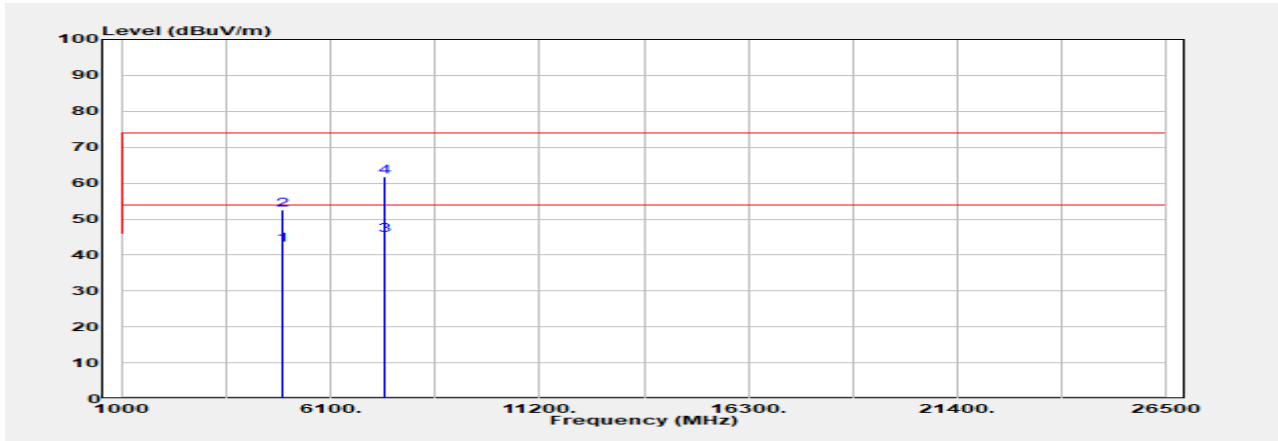
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Report Number :TERF2308001922E2  
 Operation Mode :802.11n20  
 Test Frequency :2462 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-09-15  
 Temp./Humi. :23.1°C/59%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4924.000	Average	39.32	3.46	42.78	54.00	-11.22
4924.000	Peak	49.13	3.46	52.59	74.00	-21.41
7386.000	Average	36.56	9.03	45.59	54.00	-8.41
7386.000	Peak	52.66	9.03	61.69	74.00	-12.31

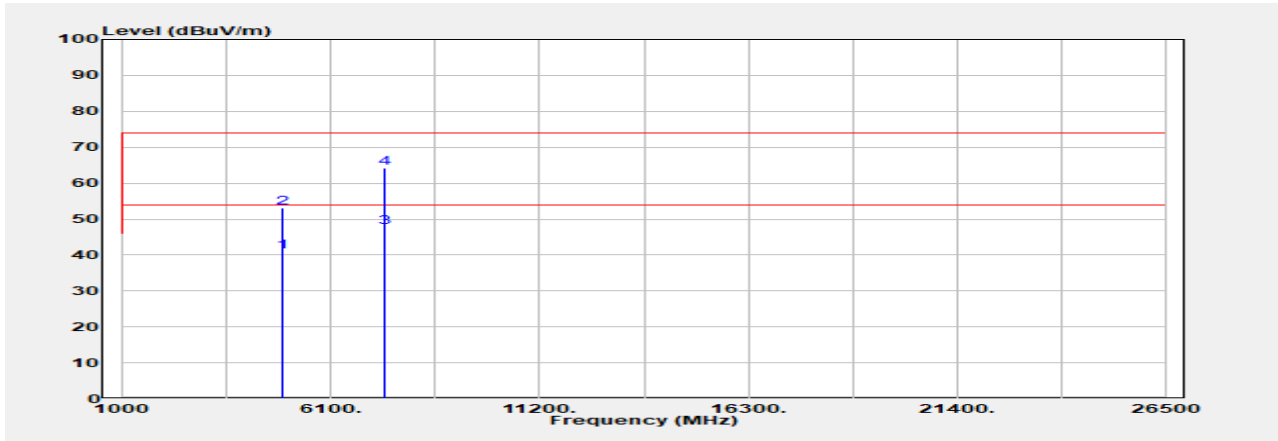
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Report Number :TERF2308001922E2  
 Operation Mode :802.11n20  
 Test Frequency :2462 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-09-15  
 Temp./Humi. :23.1°C/59%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4924.000	Average	37.58	3.46	41.05	54.00	-12.95
4924.000	Peak	49.57	3.46	53.03	74.00	-20.97
7386.000	Average	38.75	9.03	47.78	54.00	-6.22
7386.000	Peak	55.30	9.03	64.33	74.00	-9.67

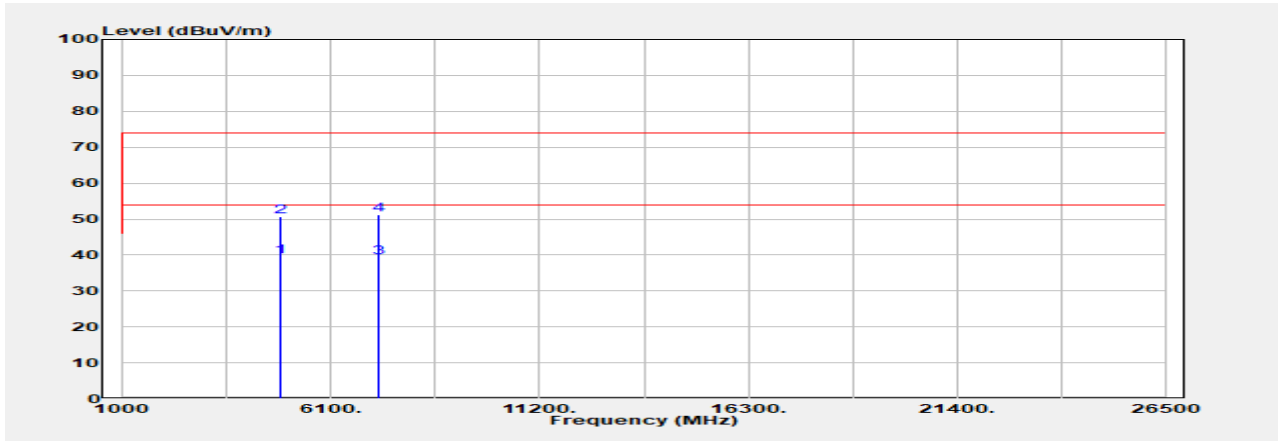
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Report Number :TERF2308001922E2  
 Operation Mode :802.11n40  
 Test Frequency :2422 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-09-18  
 Temp./Humi. :23.5°C/55%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4844.000	Average	36.19	3.31	39.50	54.00	-14.50
4844.000	Peak	47.40	3.31	50.71	74.00	-23.29
7266.000	Average	30.81	8.53	39.34	54.00	-14.66
7266.000	Peak	42.78	8.53	51.31	74.00	-22.69

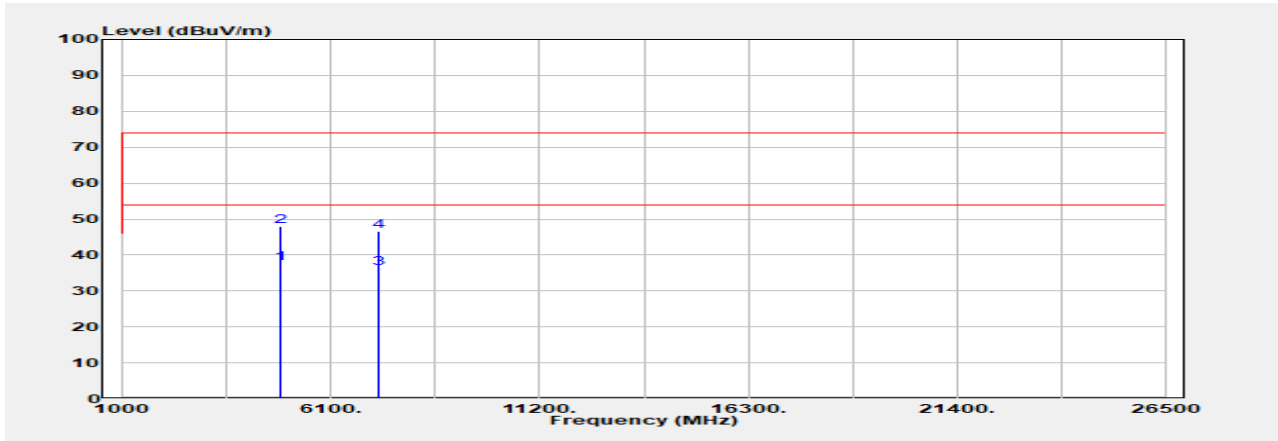
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Report Number :TERF2308001922E2  
 Operation Mode :802.11n40  
 Test Frequency :2422 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-09-18  
 Temp./Humi. :23.5°C/55%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4844.000	Average	34.24	3.31	37.55	54.00	-16.45
4844.000	Peak	44.71	3.31	48.02	74.00	-25.98
7266.000	Average	27.74	8.53	36.27	54.00	-17.73
7266.000	Peak	38.17	8.53	46.70	74.00	-27.30

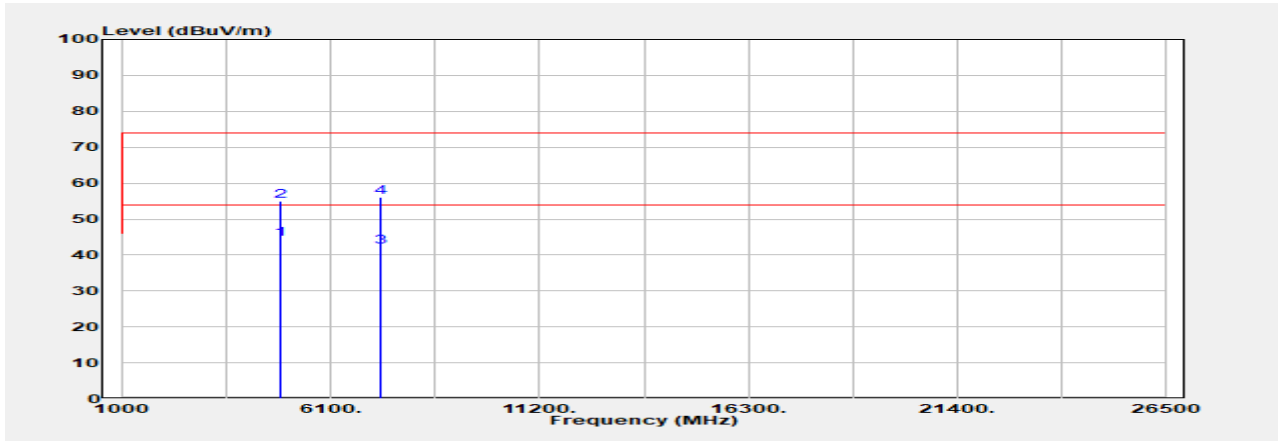
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Report Number :TERF2308001922E2  
 Operation Mode :802.11n40  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-09-18  
 Temp./Humi. :23.5°C/55%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4874.000	Average	40.96	3.35	44.31	54.00	-9.69
4874.000	Peak	51.69	3.35	55.04	74.00	-18.96
7311.000	Average	33.81	8.58	42.39	54.00	-11.61
7311.000	Peak	47.55	8.58	56.13	74.00	-17.87

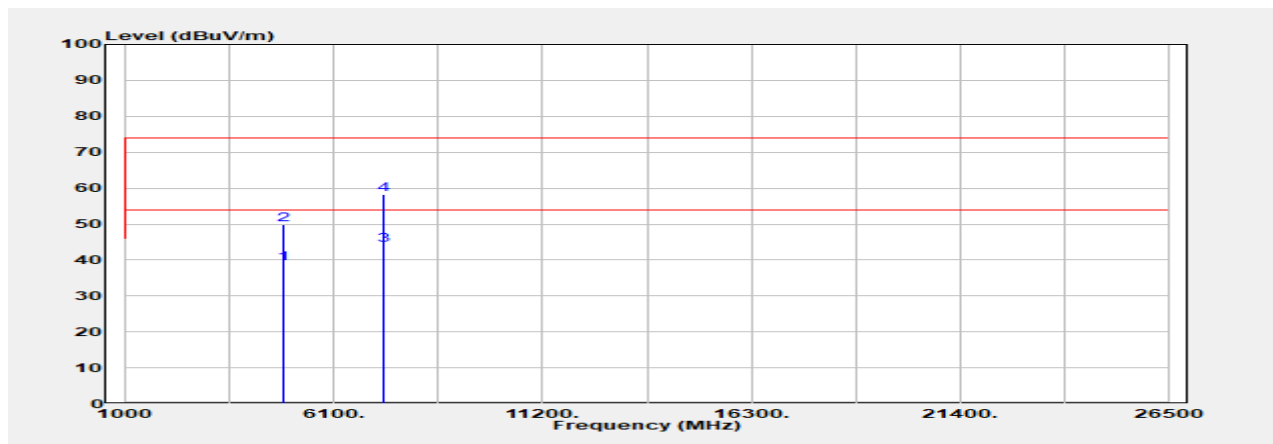
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Report Number :TERF2308001922E2  
 Operation Mode :802.11n40  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-09-18  
 Temp./Humi. :23.5°C/55%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4874.000	Average	35.74	3.35	39.09	54.00	-14.91
4874.000	Peak	46.44	3.35	49.79	74.00	-24.21
7311.000	Average	35.48	8.58	44.06	54.00	-9.94
7311.000	Peak	49.59	8.58	58.17	74.00	-15.83

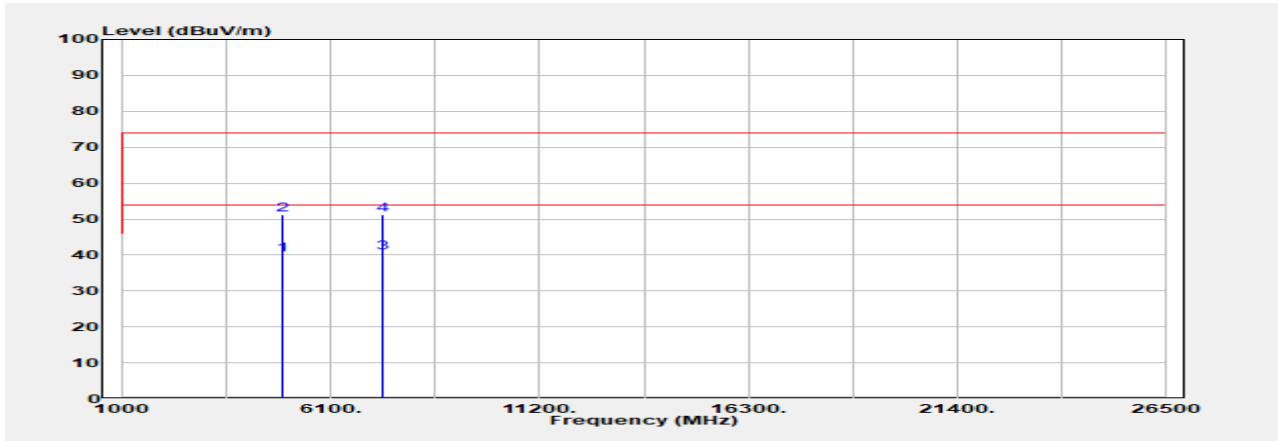
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Report Number :TERF2308001922E2  
 Operation Mode :802.11n40  
 Test Frequency :2452 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-09-18  
 Temp./Humi. :23.5°C/55%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4904.000	Average	36.72	3.40	40.12	54.00	-13.88
4904.000	Peak	47.73	3.40	51.14	74.00	-22.86
7356.000	Average	31.87	8.88	40.75	54.00	-13.25
7356.000	Peak	42.30	8.88	51.18	74.00	-22.82

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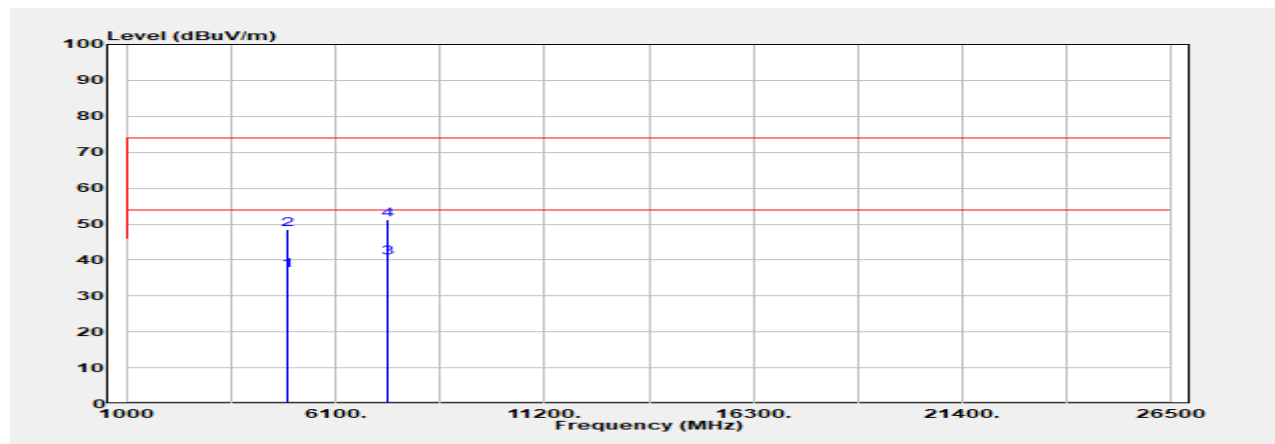
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Report Number :TERF2308001922E2  
 Operation Mode :802.11n40  
 Test Frequency :2452 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-09-18  
 Temp./Humi. :23.5°C/55%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4904.000	Average	33.65	3.40	37.05	54.00	-16.95
4904.000	Peak	45.01	3.40	48.41	74.00	-25.59
7356.000	Average	31.64	8.88	40.52	54.00	-13.48
7356.000	Peak	42.42	8.88	51.31	74.00	-22.69

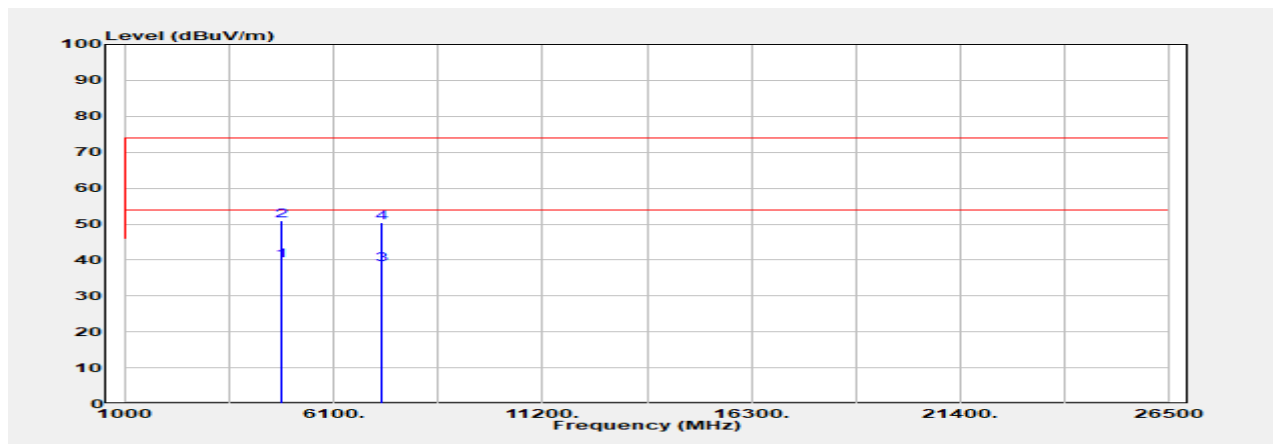
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Report Number :TERF2308001922E2  
 Operation Mode :802.11be20  
 Test Frequency :2412 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-09-18  
 Temp./Humi. :23.5°C/55%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



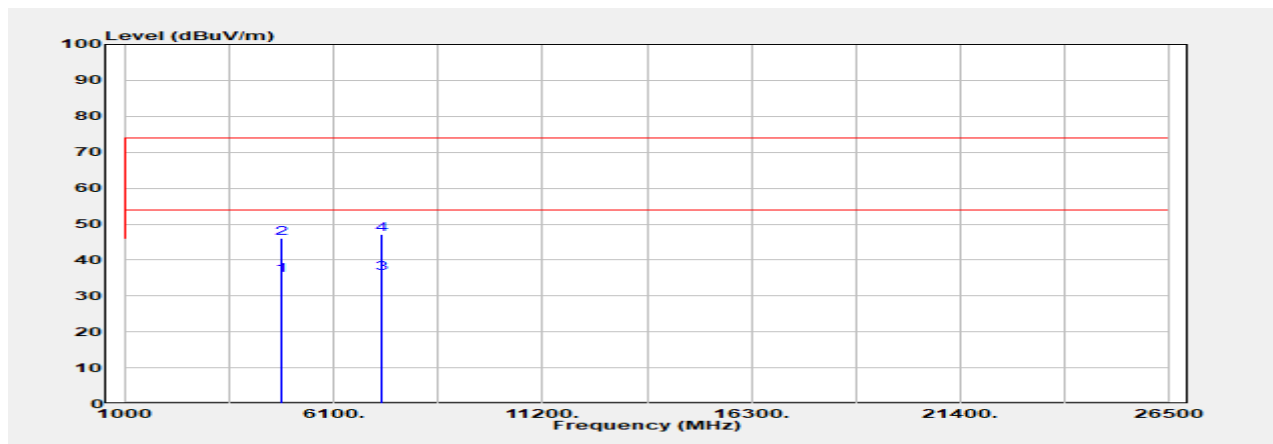
Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4824.000	Average	36.51	3.28	39.79	54.00	-14.21
4824.000	Peak	47.79	3.28	51.08	74.00	-22.92
7236.000	Average	30.22	8.54	38.76	54.00	-15.24
7236.000	Peak	41.79	8.54	50.33	74.00	-23.67

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Report Number	:TERF2308001922E2	Test Site	:SAC G Chamber
Operation Mode	:802.11be20	Test Date	:2023-09-18
Test Frequency	:2412 MHz	Temp./Humi.	:23.5°C/55%
Test Mode	:Tx	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plane	Engineer	:Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4824.000	Average	32.45	3.28	35.73	54.00	-18.27
4824.000	Peak	42.82	3.28	46.10	74.00	-27.90
7236.000	Average	27.87	8.54	36.41	54.00	-17.59
7236.000	Peak	38.60	8.54	47.14	74.00	-26.86

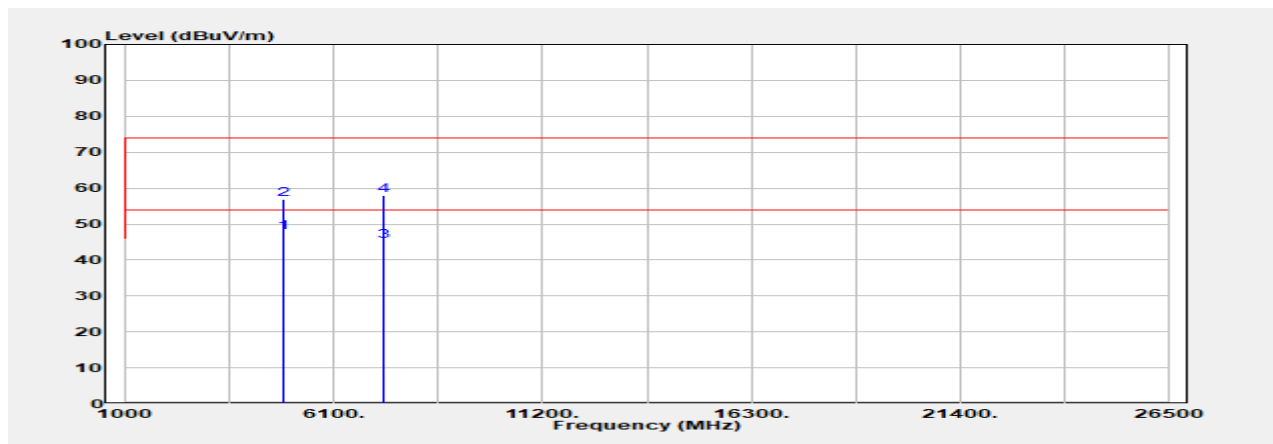
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Report Number :TERF2308001922E2  
 Operation Mode :802.11be20  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-09-18  
 Temp./Humi. :23.5°C/55%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen

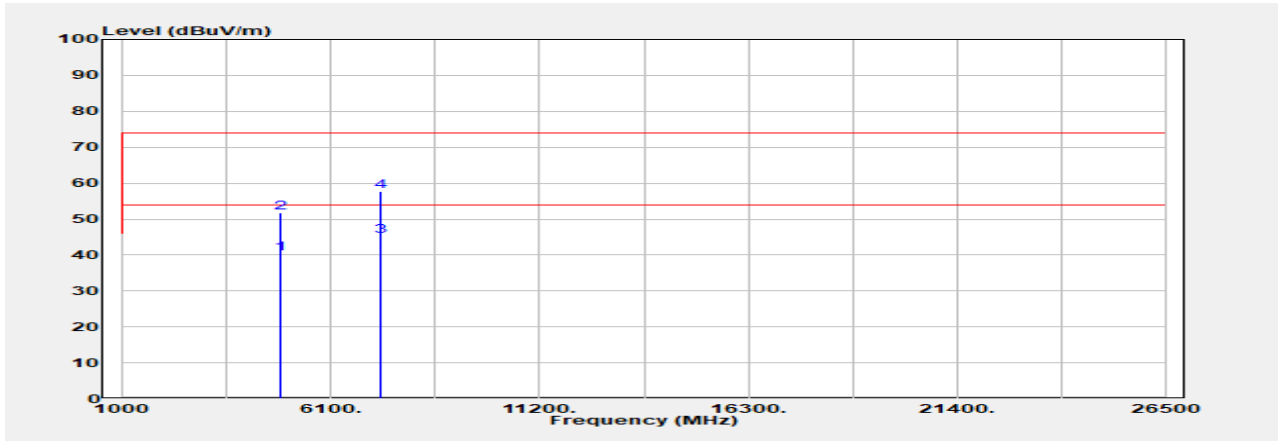


Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4874.000	Average	44.46	3.35	47.81	54.00	-6.19
4874.000	Peak	53.64	3.35	56.99	74.00	-17.01
7311.000	Average	36.75	8.58	45.33	54.00	-8.67
7311.000	Peak	49.47	8.58	58.05	74.00	-15.95

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Report Number	:TERF2308001922E2	Test Site	:SAC G Chamber
Operation Mode	:802.11be20	Test Date	:2023-09-18
Test Frequency	:2437 MHz	Temp./Humi.	:23.5°C/55%
Test Mode	:Tx	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plane	Engineer	:Temo Chen



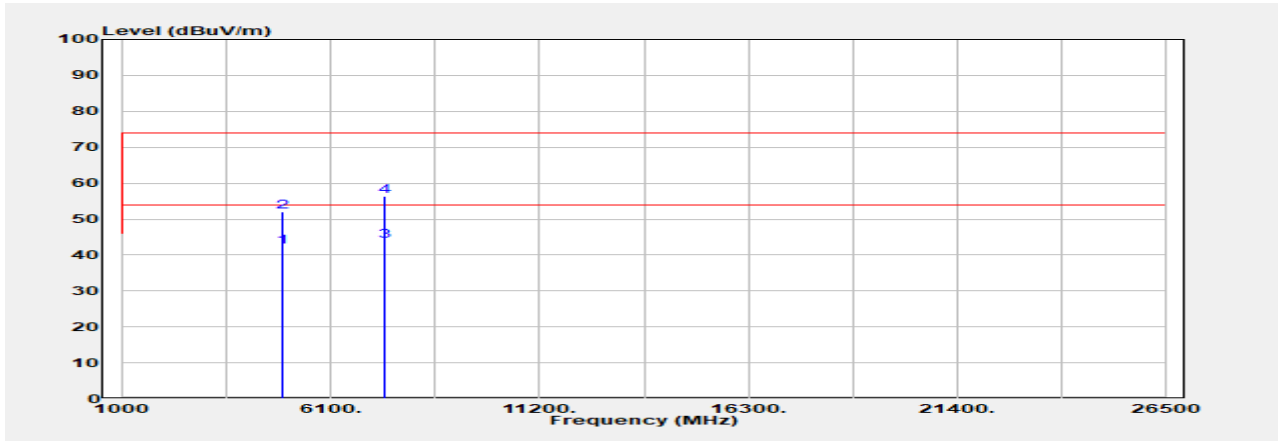
Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4874.000	Average	36.90	3.35	40.26	54.00	-13.74
4874.000	Peak	48.28	3.35	51.64	74.00	-22.36
7311.000	Average	36.58	8.58	45.16	54.00	-8.84
7311.000	Peak	49.25	8.58	57.83	74.00	-16.17

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Report Number	:TERF2308001922E2	Test Site	:SAC G Chamber
Operation Mode	:802.11be20	Test Date	:2023-09-18
Test Frequency	:2462 MHz	Temp./Humi.	:23.5°C/55%
Test Mode	:Tx	Antenna Pol.	:Vertical
EUT Pol	:E2 Plane	Engineer	:Temo Chen



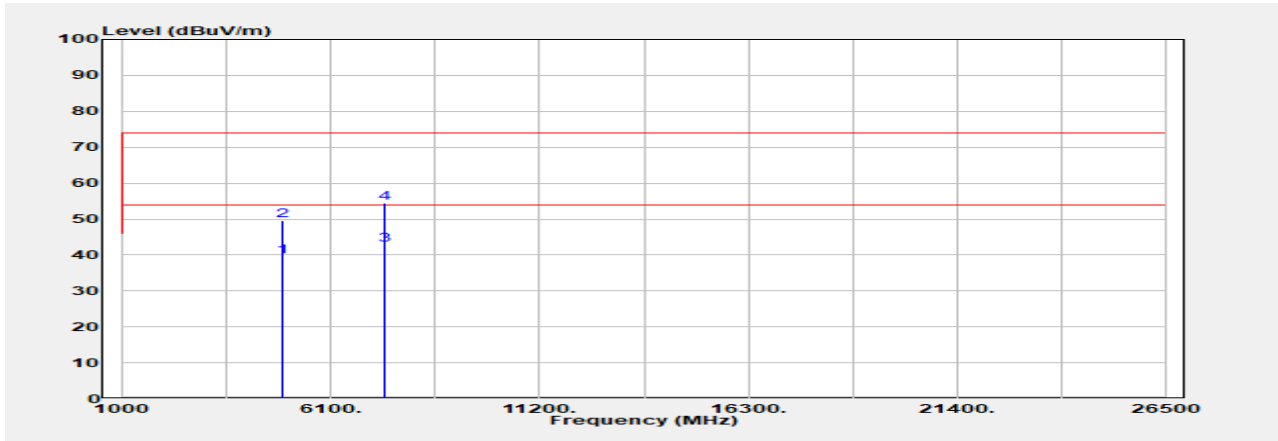
Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4924.000	Average	38.94	3.46	42.40	54.00	-11.60
4924.000	Peak	48.66	3.46	52.13	74.00	-21.87
7386.000	Average	34.74	9.03	43.77	54.00	-10.23
7386.000	Peak	47.39	9.03	56.42	74.00	-17.58

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Report Number	:TERF2308001922E2	Test Site	:SAC G Chamber
Operation Mode	:802.11be20	Test Date	:2023-09-18
Test Frequency	:2462 MHz	Temp./Humi.	:23.5°C/55%
Test Mode	:Tx	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plane	Engineer	:Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4924.000	Average	36.17	3.46	39.64	54.00	-14.36
4924.000	Peak	46.15	3.46	49.62	74.00	-24.38
7386.000	Average	33.87	9.03	42.90	54.00	-11.10
7386.000	Peak	45.39	9.03	54.43	74.00	-19.57

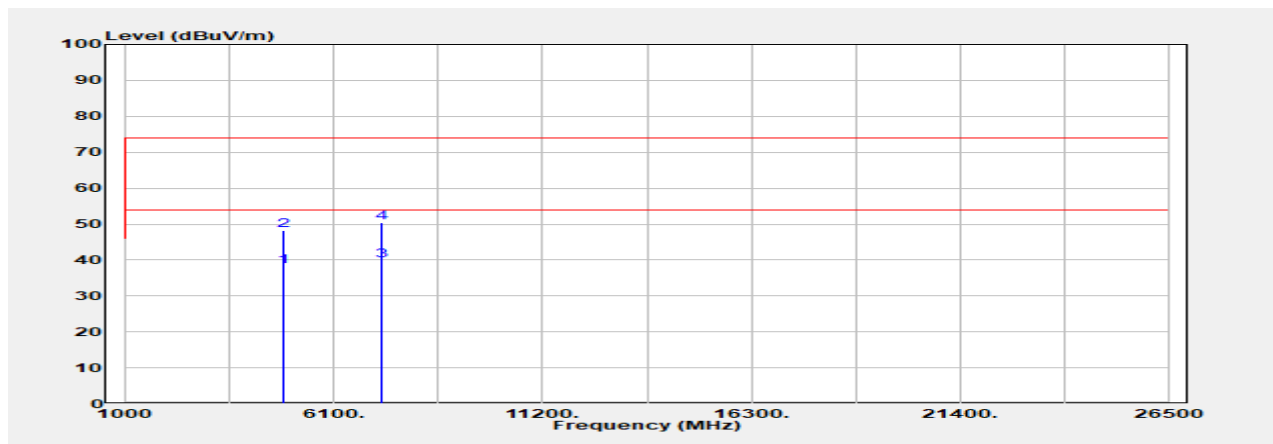
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Report Number :TERF2308001922E2  
 Operation Mode :802.11be40  
 Test Frequency :2422 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-09-18  
 Temp./Humi. :23.5°C/55%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4844.000	Average	34.97	3.31	38.28	54.00	-15.72
4844.000	Peak	45.03	3.31	48.34	74.00	-25.66
7266.000	Average	31.29	8.53	39.82	54.00	-14.18
7266.000	Peak	41.88	8.53	50.42	74.00	-23.58

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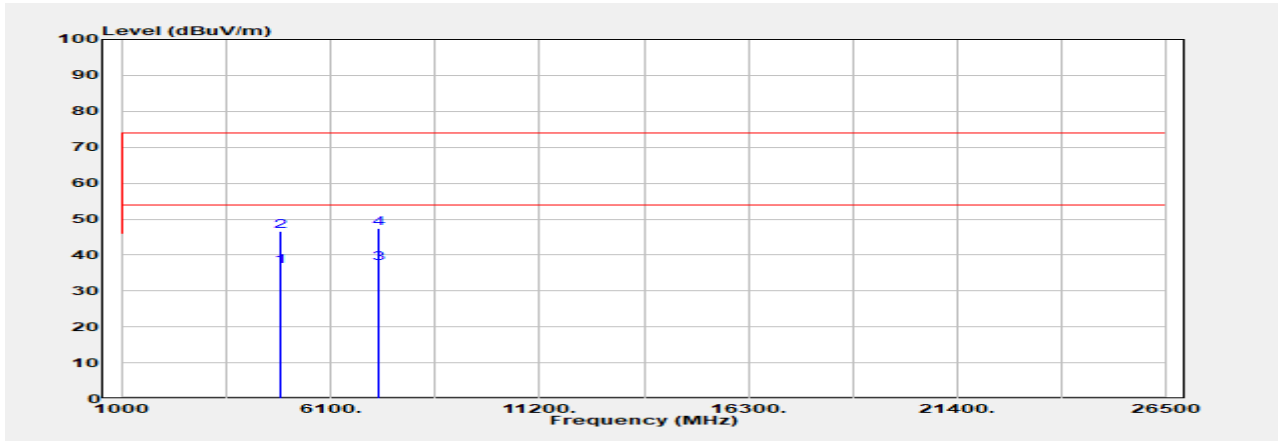
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Report Number :TERF2308001922E2  
 Operation Mode :802.11be40  
 Test Frequency :2422 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-09-18  
 Temp./Humi. :23.5°C/55%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4844.000	Average	33.48	3.31	36.80	54.00	-17.20
4844.000	Peak	43.37	3.31	46.68	74.00	-27.32
7266.000	Average	29.15	8.53	37.68	54.00	-16.32
7266.000	Peak	39.00	8.53	47.53	74.00	-26.47

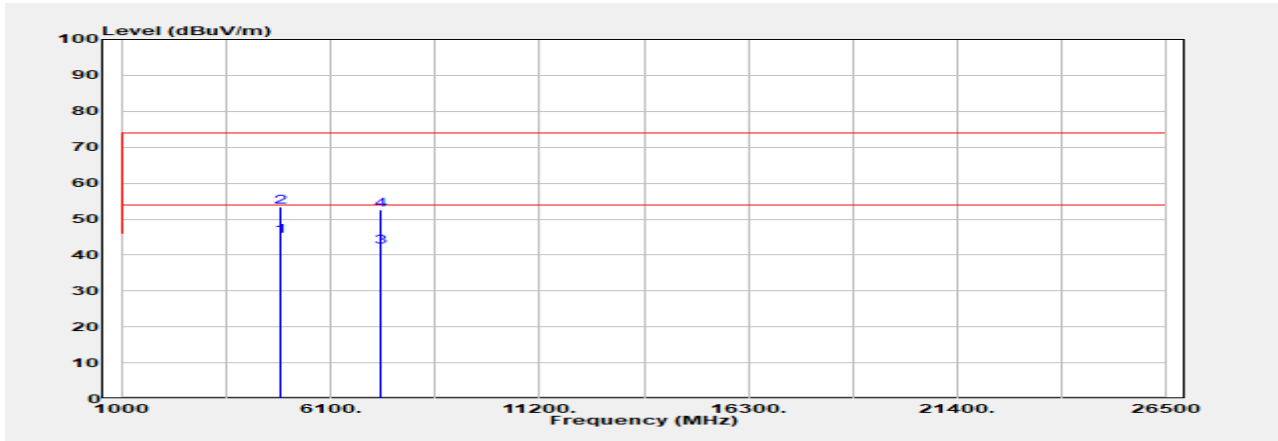
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Report Number :TERF2308001922E2  
 Operation Mode :802.11be40  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-09-18  
 Temp./Humi. :23.5°C/55%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4874.000	Average	41.82	3.35	45.18	54.00	-8.82
4874.000	Peak	50.06	3.35	53.42	74.00	-20.58
7311.000	Average	33.69	8.58	42.27	54.00	-11.73
7311.000	Peak	43.87	8.58	52.44	74.00	-21.56

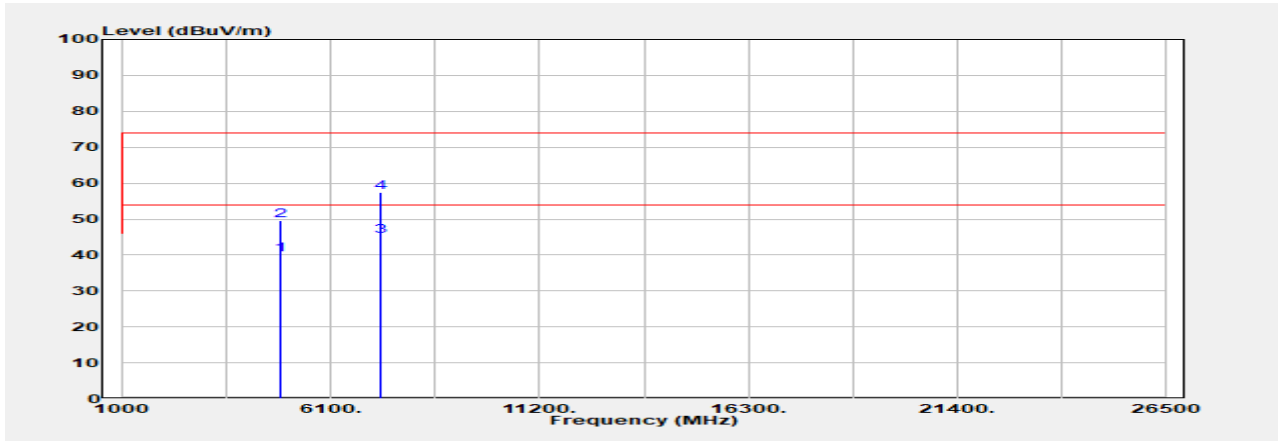
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Report Number :TERF2308001922E2  
 Operation Mode :802.11be40  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-09-18  
 Temp./Humi. :23.5°C/55%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4874.000	Average	36.83	3.35	40.18	54.00	-13.82
4874.000	Peak	46.27	3.35	49.62	74.00	-24.38
7311.000	Average	36.65	8.58	45.23	54.00	-8.77
7311.000	Peak	48.96	8.58	57.54	74.00	-16.46

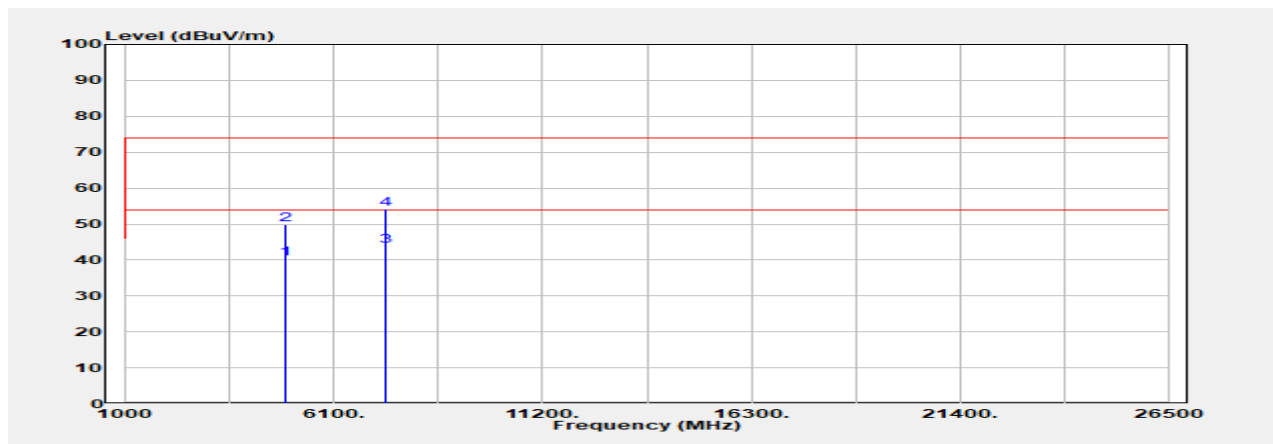
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Report Number :TERF2308001922E2  
 Operation Mode :802.11be40  
 Test Frequency :2452 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-09-18  
 Temp./Humi. :23.5°C/55%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4904.000	Average	36.87	3.40	40.28	54.00	-13.72
4904.000	Peak	46.59	3.40	49.99	74.00	-24.01
7356.000	Average	34.89	8.88	43.77	54.00	-10.23
7356.000	Peak	45.25	8.88	54.13	74.00	-19.87

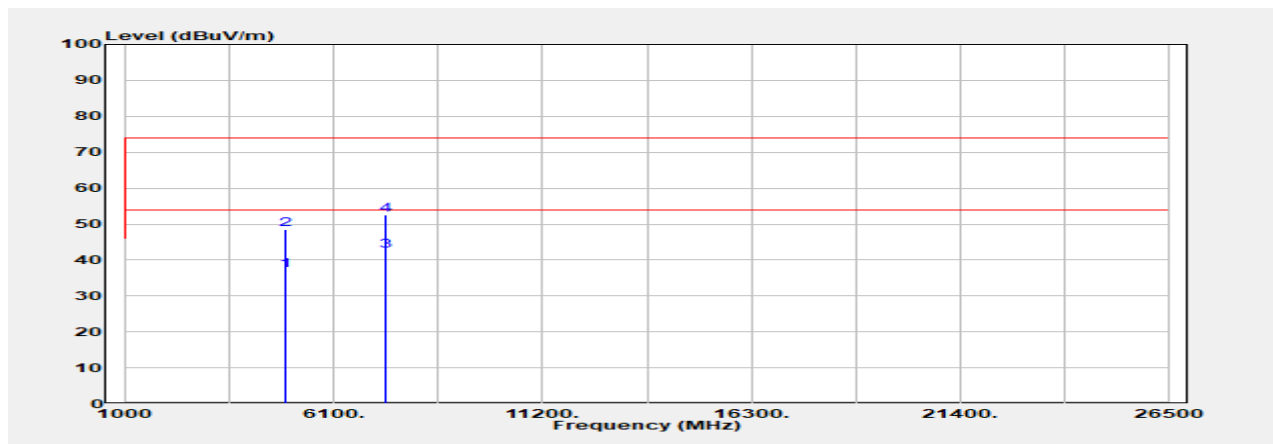
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Report Number :TERF2308001922E2  
 Operation Mode :802.11be40  
 Test Frequency :2452 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-09-18  
 Temp./Humi. :23.5°C/55%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4904.000	Average	33.71	3.40	37.11	54.00	-16.89
4904.000	Peak	45.01	3.40	48.41	74.00	-25.59
7356.000	Average	33.62	8.88	42.50	54.00	-11.50
7356.000	Peak	43.79	8.88	52.67	74.00	-21.33

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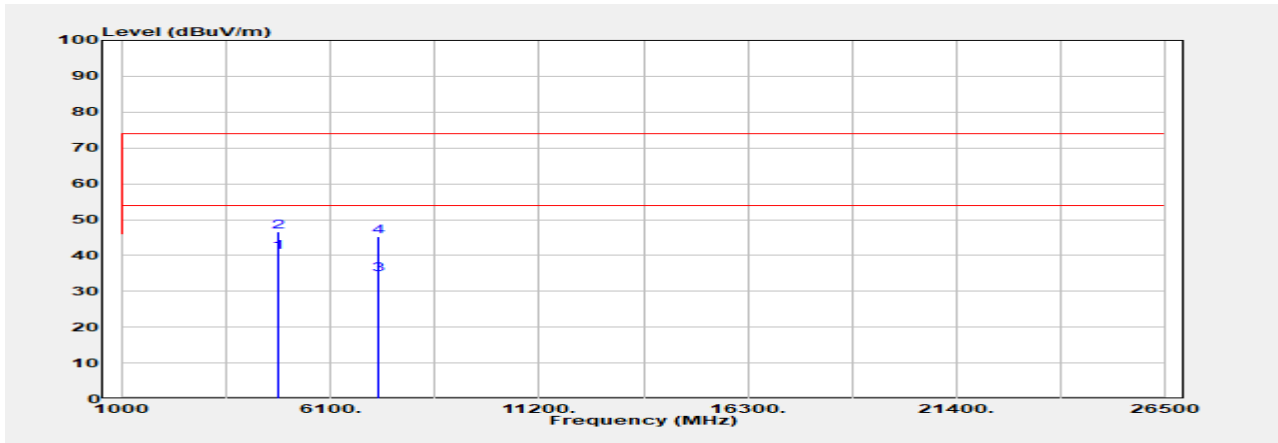
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**Spot Check**

**Mode: CDD**

Report Number	:TERF2310002501E2	Test Site	:SAC G Chamber
Operation Mode	:802.11b	Test Date	:2023-11-23
Test Frequency	:2412 MHz	Temp./Humi.	:22.3°C/65%
Test Mode	:Tx	Antenna Pol.	:Vertical
EUT Pol	:E2 Plane	Engineer	:Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4824.000	Average	37.54	3.28	40.82	54.00	-13.18
4824.000	Peak	43.37	3.28	46.65	74.00	-27.35
7236.000	Average	26.15	8.54	34.68	54.00	-19.32
7236.000	Peak	36.60	8.54	45.13	74.00	-28.87

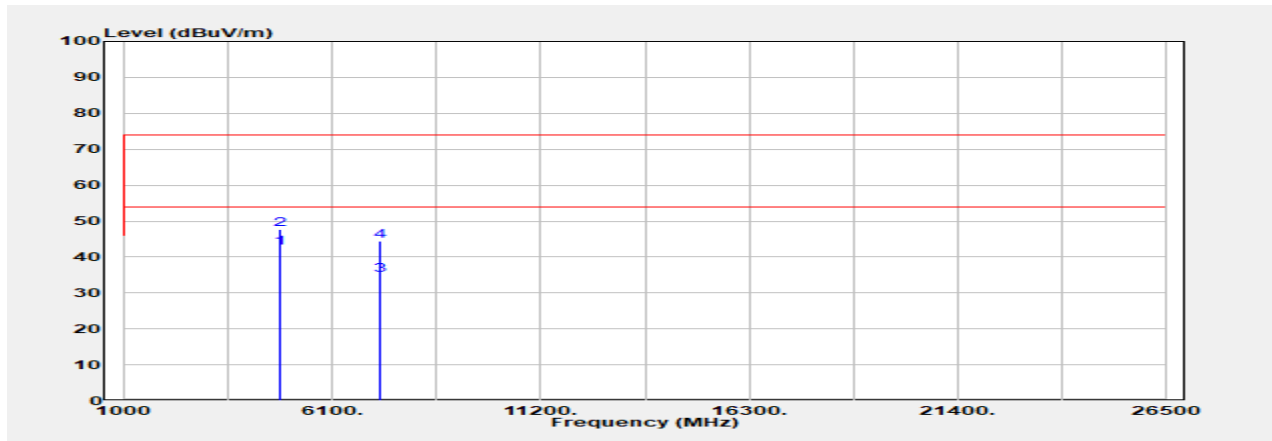
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Report Number :TERF2310002501E2  
 Operation Mode :802.11b  
 Test Frequency :2412 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-11-23  
 Temp./Humi. :22.3°C/65%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4824.000	Average	39.36	3.28	42.65	54.00	-11.35
4824.000	Peak	44.38	3.28	47.67	74.00	-26.33
7236.000	Average	26.33	8.54	34.87	54.00	-19.13
7236.000	Peak	35.91	8.54	44.45	74.00	-29.55

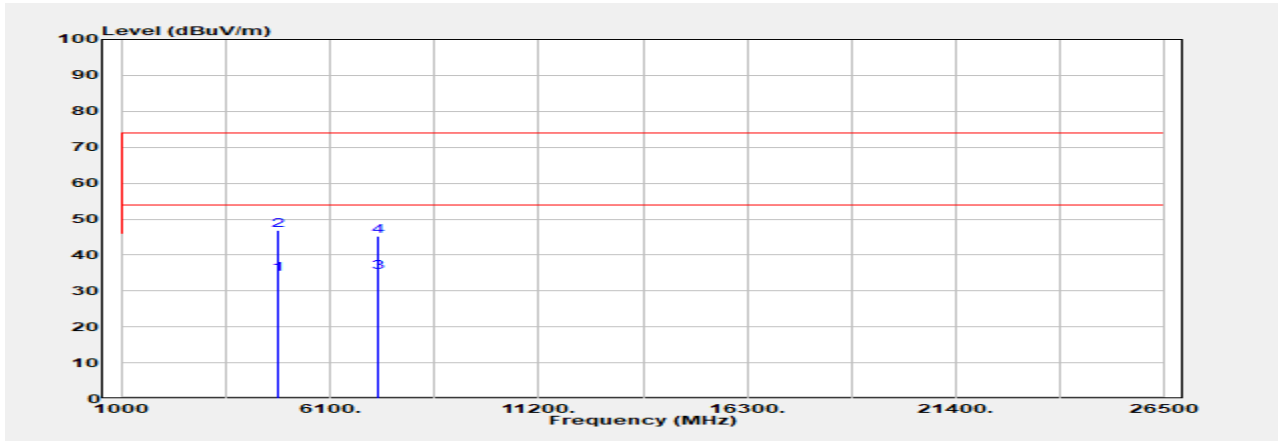
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Report Number :TERF2310002501E2  
 Operation Mode :802.11g  
 Test Frequency :2412 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-11-23  
 Temp./Humi. :22.3°C/65%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4824.000	Average	31.44	3.28	34.72	54.00	-19.28
4824.000	Peak	43.47	3.28	46.75	74.00	-27.25
7236.000	Average	26.67	8.54	35.21	54.00	-18.79
7236.000	Peak	36.61	8.54	45.14	74.00	-28.86

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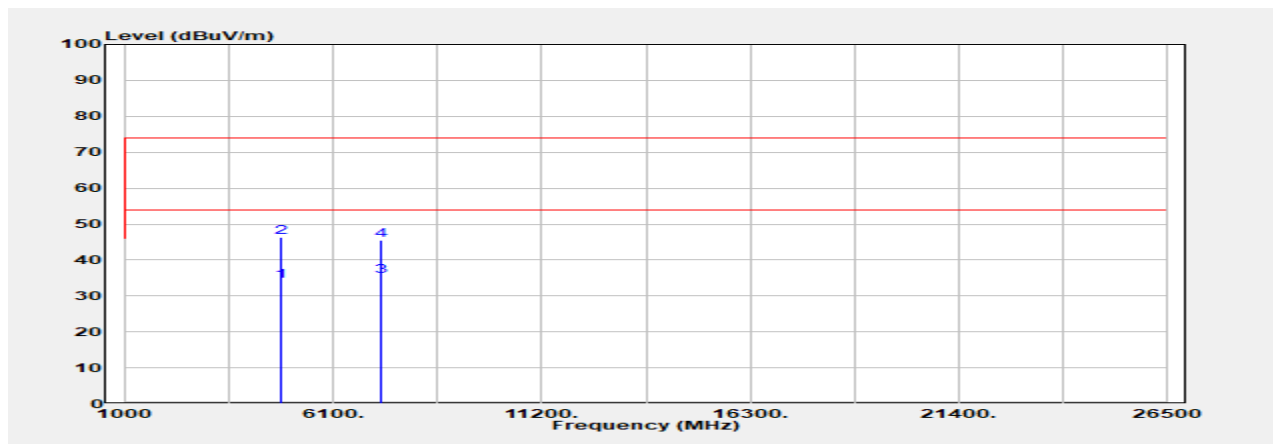
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Report Number :TERF2310002501E2  
 Operation Mode :802.11g  
 Test Frequency :2412 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-11-23  
 Temp./Humi. :22.3°C/65%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4824.000	Average	30.93	3.28	34.21	54.00	-19.79
4824.000	Peak	43.12	3.28	46.40	74.00	-27.60
7236.000	Average	26.98	8.54	35.52	54.00	-18.48
7236.000	Peak	37.00	8.54	45.53	74.00	-28.47

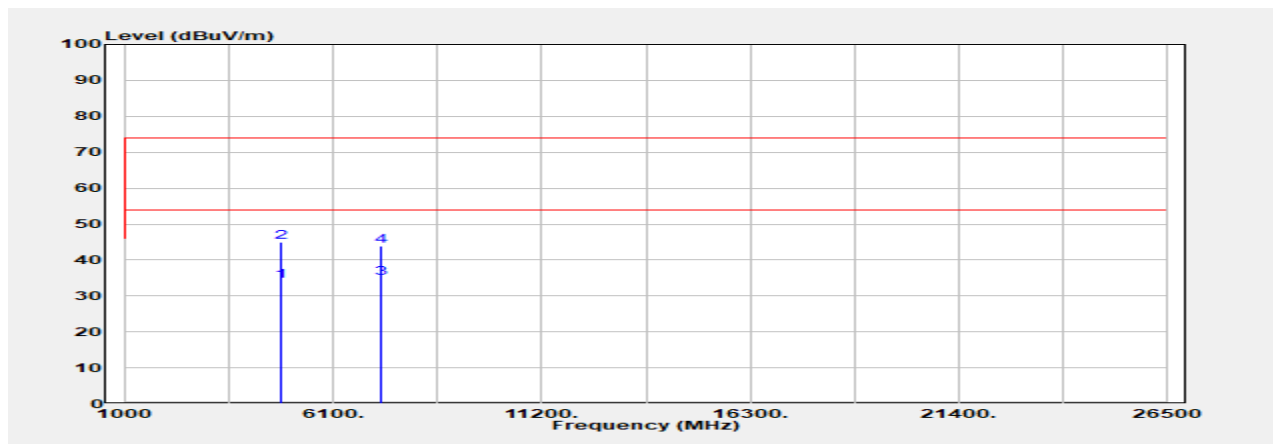
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Report Number :TERF2310002501E2  
 Operation Mode :802.11n20  
 Test Frequency :2412 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-11-23  
 Temp./Humi. :22.3°C/65%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



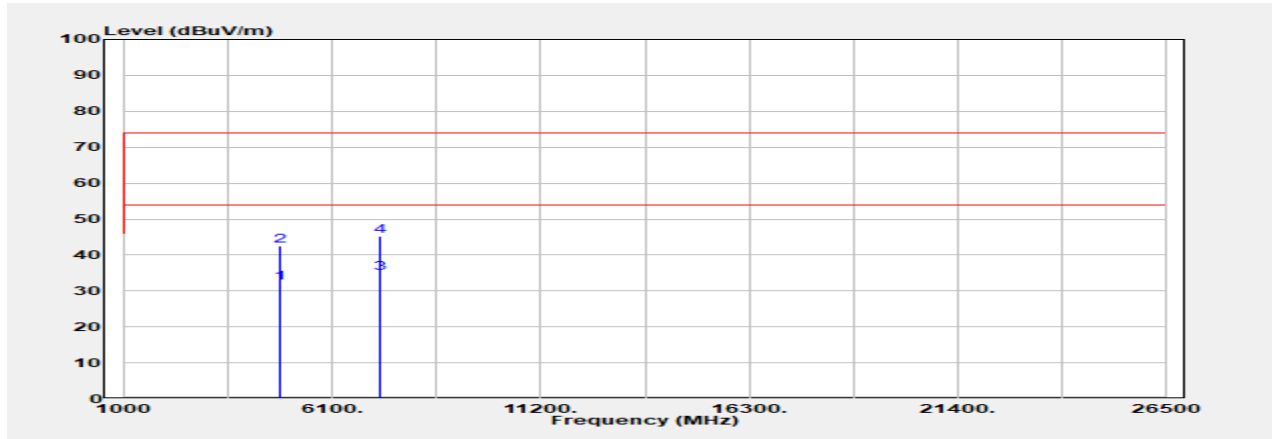
Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4824.000	Average	30.84	3.28	34.12	54.00	-19.88
4824.000	Peak	41.75	3.28	45.03	74.00	-28.97
7236.000	Average	26.35	8.54	34.89	54.00	-19.11
7236.000	Peak	35.44	8.54	43.98	74.00	-30.02

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Report Number :TERF2310002501E2  
 Operation Mode :802.11n20  
 Test Frequency :2412 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-11-23  
 Temp./Humi. :22.3°C/65%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4824.000	Average	29.03	3.28	32.32	54.00	-21.68
4824.000	Peak	39.27	3.28	42.55	74.00	-31.45
7236.000	Average	26.55	8.54	35.09	54.00	-18.91
7236.000	Peak	36.84	8.54	45.38	74.00	-28.62

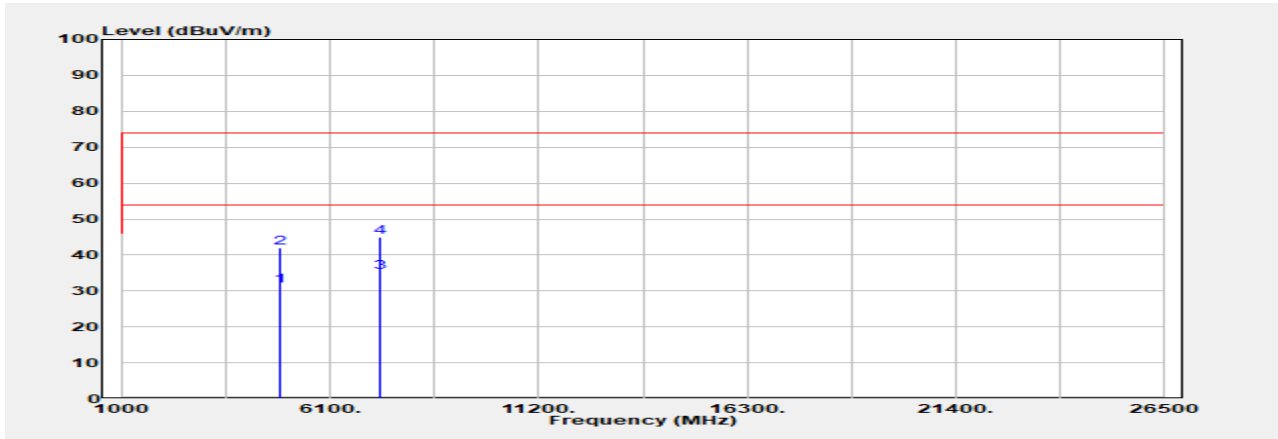
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Report Number :TERF2310002501E2  
 Operation Mode :802.11n40  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-11-23  
 Temp./Humi. :22.3°C/65%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4874.000	Average	28.14	3.35	31.50	54.00	-22.50
4874.000	Peak	38.60	3.35	41.95	74.00	-32.05
7311.000	Average	26.75	8.58	35.33	54.00	-18.67
7311.000	Peak	36.32	8.58	44.90	74.00	-29.10

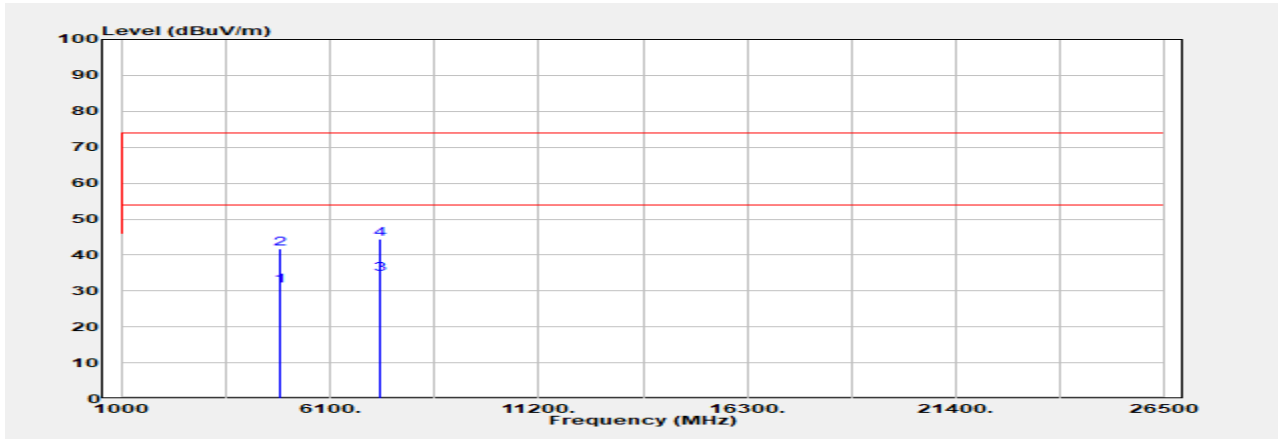
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Report Number :TERF2310002501E2  
 Operation Mode :802.11n40  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-11-23  
 Temp./Humi. :22.3°C/65%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4874.000	Average	28.02	3.35	31.37	54.00	-22.63
4874.000	Peak	38.48	3.35	41.83	74.00	-32.17
7311.000	Average	26.22	8.58	34.80	54.00	-19.20
7311.000	Peak	35.95	8.58	44.52	74.00	-29.48

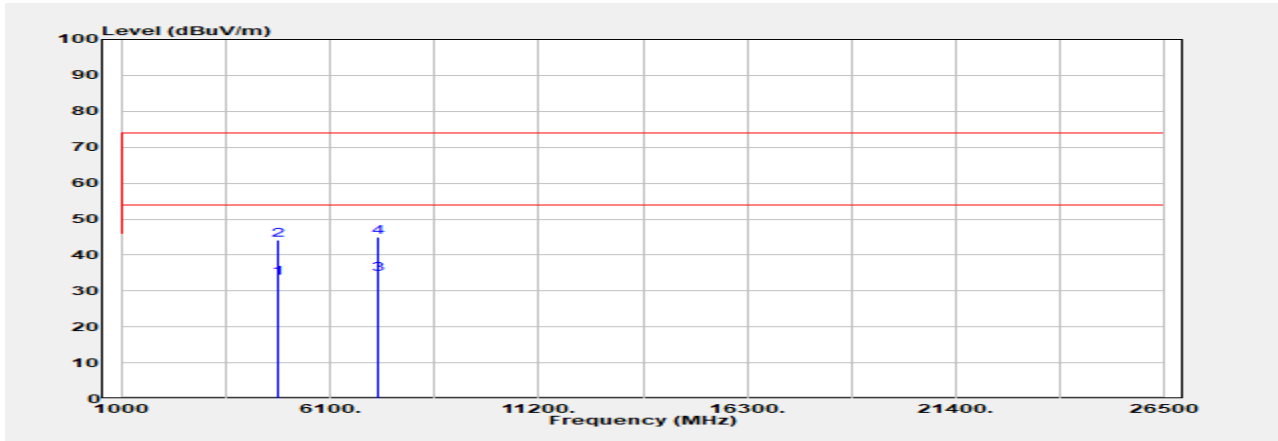
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Report Number :TERF2310002501E2  
 Operation Mode :802.11be20  
 Test Frequency :2412 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-11-23  
 Temp./Humi. :22.3°C/65%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



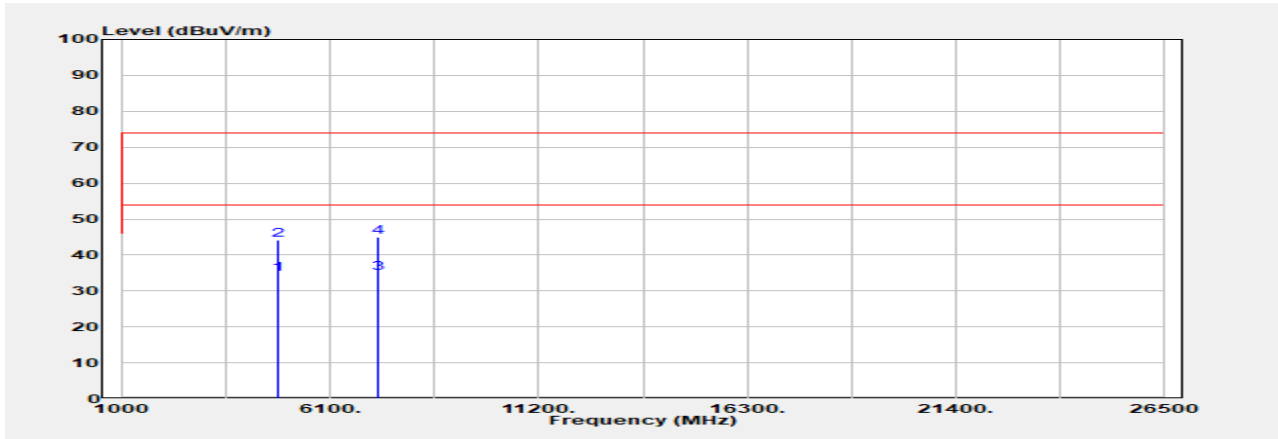
Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4824.000	Average	30.35	3.28	33.64	54.00	-20.36
4824.000	Peak	40.92	3.28	44.20	74.00	-29.80
7236.000	Average	26.21	8.54	34.75	54.00	-19.25
7236.000	Peak	36.40	8.54	44.94	74.00	-29.06

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Report Number	:TERF2310002501E2	Test Site	:SAC G Chamber
Operation Mode	:802.11be20	Test Date	:2023-11-23
Test Frequency	:2412 MHz	Temp./Humi.	:22.3°C/65%
Test Mode	:Tx	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plane	Engineer	:Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4824.000	Average	31.46	3.28	34.74	54.00	-19.26
4824.000	Peak	40.89	3.28	44.17	74.00	-29.83
7236.000	Average	26.33	8.54	34.87	54.00	-19.13
7236.000	Peak	36.37	8.54	44.90	74.00	-29.10

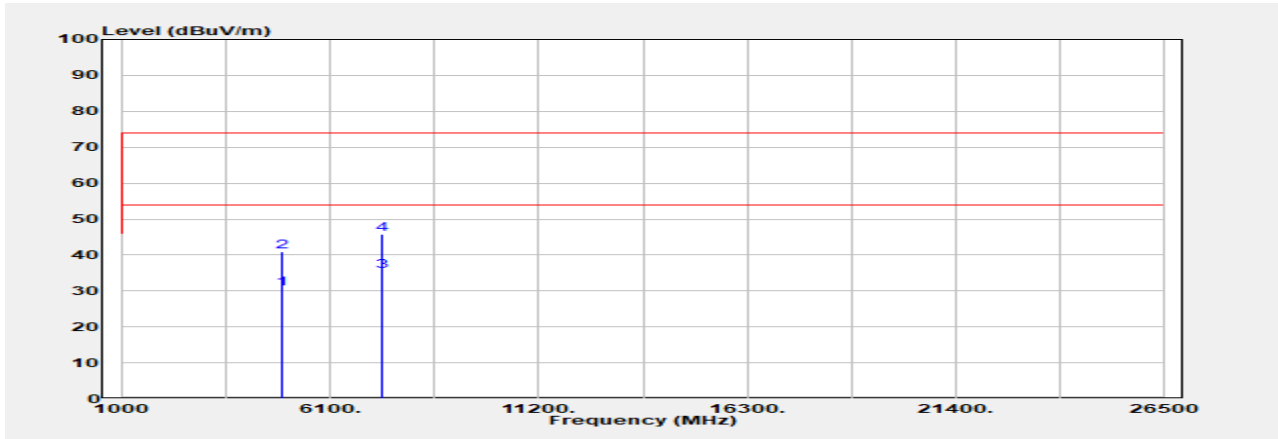
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Report Number :TERF2310002501E2  
 Operation Mode :802.11be40  
 Test Frequency :2452 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-11-23  
 Temp./Humi. :22.3°C/65%  
 Antenna Pol. :Vertical  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4904.000	Average	27.21	3.40	30.61	54.00	-23.39
4904.000	Peak	37.57	3.40	40.97	74.00	-33.03
7356.000	Average	26.55	8.88	35.43	54.00	-18.57
7356.000	Peak	36.81	8.88	45.69	74.00	-28.31

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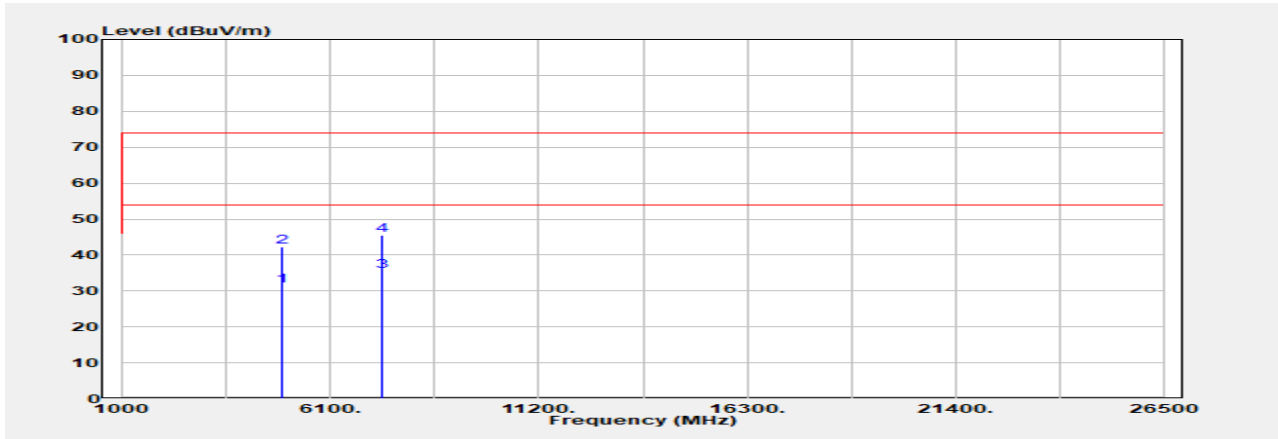
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Report Number :TERF2310002501E2  
 Operation Mode :802.11be40  
 Test Frequency :2452 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC G Chamber  
 Test Date :2023-11-23  
 Temp./Humi. :22.3°C/65%  
 Antenna Pol. :Horizontal  
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4904.000	Average	28.10	3.40	31.50	54.00	-22.50
4904.000	Peak	38.98	3.40	42.39	74.00	-31.61
7356.000	Average	26.55	8.88	35.43	54.00	-18.57
7356.000	Peak	36.76	8.88	45.65	74.00	-28.35

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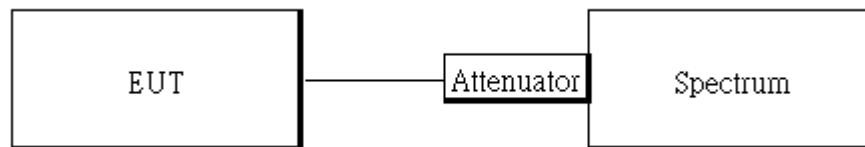
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## 12 POWER SPECTRAL DENSITY

### 12.1 Standard Applicable

Per Part 15.247 (e) 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 and C63.10 section 11.10.1(a)(b)(c) Method AVGPSD or section 11.10.2 Method PKPSD
3. Set the span to 1.5 times the DTS channel bandwidth.
4. Set the RBW = 3 kHz & VBW = 10 kHz.
5. Detector = PEAK for PKPSD procedure or RMS for AVGPSD Procedure
6. Sweep time = auto couple.
7. Trace mode = max hold for PKPSD procedure or according to AVGPSD Procedure relevant method
8. Allow trace to fully stabilize.
9. Use the peak marker function to determine the maximum amplitude level.

#### Note:

*For the test of MIMO mode, the highest emission of worst case employing Measure and add 10 log (N) technical is reported on this report after the comparison between Main Antenna at single transmitting mode and Aux that yields the higher value. The MIMO transmitting mode produces higher value of outcome.*

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## 12.4 As per FCC KDB 662911 D01

As per section F. 2). e). (ii) of FCC KDB 662911 D01

If antenna gains are not equal and each transmit antenna is driven by only one spatial stream, directional gain may be calculated by either of the following formulas.

$$\bullet \quad \text{DirectionalGain} = 10 \cdot \log \left[ \frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

where

Each antenna is driven by no more than one spatial stream;

NSS = the number of independent spatial streams of data;

NANT = the total number of antennas

$g_{j,k}$  = / 20 10Gk if the kth antenna is being fed by spatial stream j, or zero if it is not;

$G_k$  is the gain in dBi of the kth antenna.

The antenna gain is not greater than 6 dBi. Therefore, reduction of power is not required.

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## 12.5 Power spectral density

Mode: CDD

POWER DENSITY 802.11b							
Freq. (MHz)	Ch0 PSD	Ch1 PSD	Ch2 PSD	Ch3 PSD	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
2412	0.06	0.58	0.08	0.07	6.22	8.00	PASS
2437	-0.93	-0.92	-0.47	-0.66	5.28	8.00	PASS
2462	-0.46	-0.21	-0.26	-0.21	5.74	8.00	PASS

POWER DENSITY 802.11g							
Freq. (MHz)	Ch0 PSD	Ch1 PSD	Ch2 PSD	Ch3 PSD	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
2412	-1.83	-1.31	-2.68	-1.99	4.10	8.00	PASS
2437	-3.56	-2.86	-2.87	-2.02	3.23	8.00	PASS
2462	-2.28	-1.98	-2.49	-2.22	3.78	8.00	PASS

POWER DENSITY 802.11n HT20							
Freq. (MHz)	Ch0 PSD	Ch1 PSD	Ch2 PSD	Ch3 PSD	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
2412	-1.06	-0.91	-0.98	0.06	5.32	8.00	PASS
2437	-3.1	-1.27	-1.27	-1.82	4.22	8.00	PASS
2462	-1.72	-1.1	-1.62	-0.78	4.73	8.00	PASS

POWER DENSITY 802.11n HT40							
Freq. (MHz)	Ch0 PSD	Ch1 PSD	Ch2 PSD	Ch3 PSD	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
2422	-4.64	-3.83	-4.65	-3.42	1.92	8.00	PASS
2437	-5.42	-4.75	-4.95	-5.73	0.83	8.00	PASS
2452	-4.97	-5.81	-5.2	-5.34	0.70	8.00	PASS

POWER DENSITY 802.11be EHT20								
Freq. (MHz)	RU Config	Ch0 PSD	Ch1 PSD	Ch2 PSD	Ch3 PSD	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
2412	full	-2.57	-2.34	-3.25	-2.95	3.26	8.00	PASS
2437	full	-4.02	-2.91	-3.15	-3.22	2.72	8.00	PASS
2462	full	-2.29	-2.5	-2.51	-1.81	3.75	8.00	PASS

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POWER DENSITY 802.11be EHT40								
Freq. (MHz)	RU Config	Ch0 PSD	Ch1 PSD	Ch2 PSD	Ch3 PSD	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
2422	full	-5.46	-4.61	-5.28	-5.8	0.76	8.00	PASS
2437	full	-6.48	-6.23	-6.26	-6.61	-0.37	8.00	PASS
2452	full	-5.97	-5.49	-5.88	-5.76	0.25	8.00	PASS

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