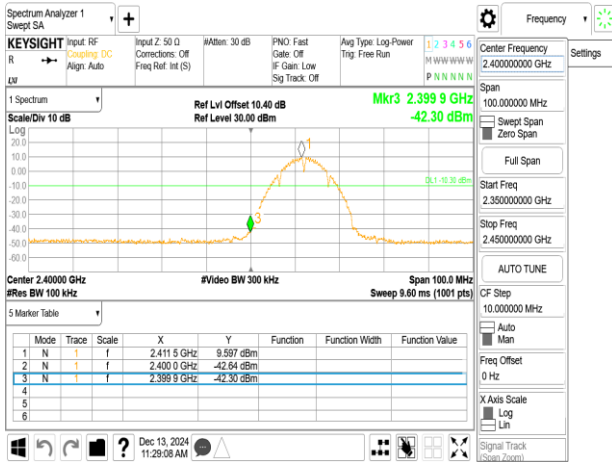
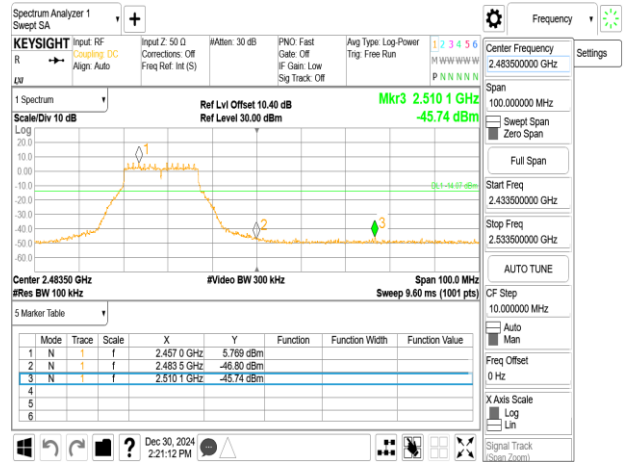


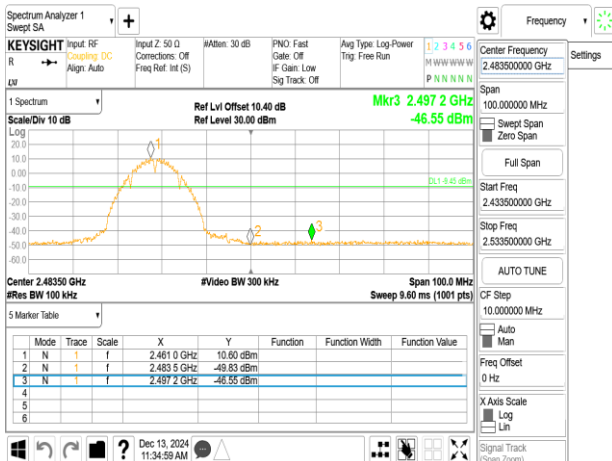
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802.11g_20MHz_Chain0_2462MHz



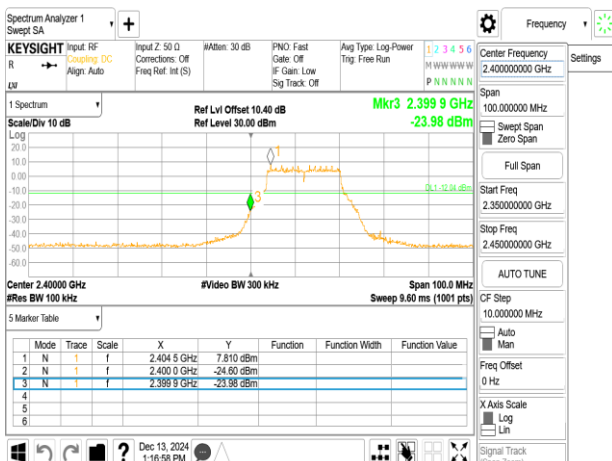
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802.11n_20MHz_Chain0_2412MHz



802.11g_20MHz_Chain0_2412MHz



802.11n_20MHz_Chain0_2462MHz

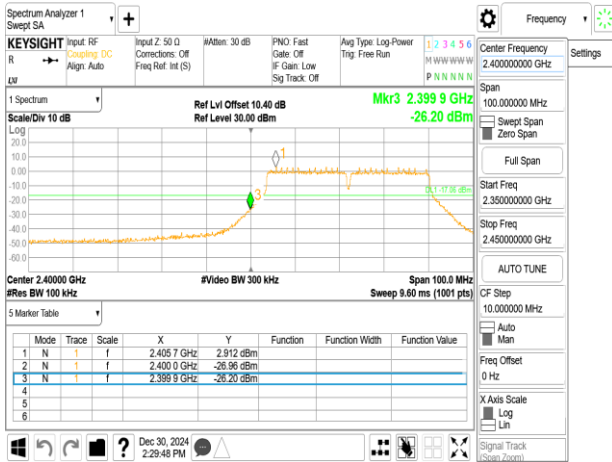


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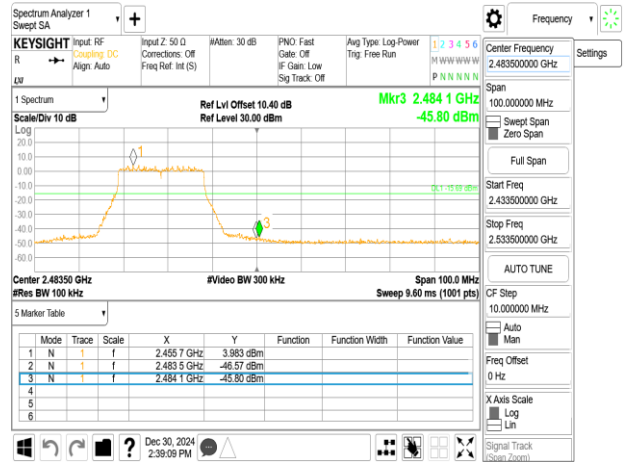
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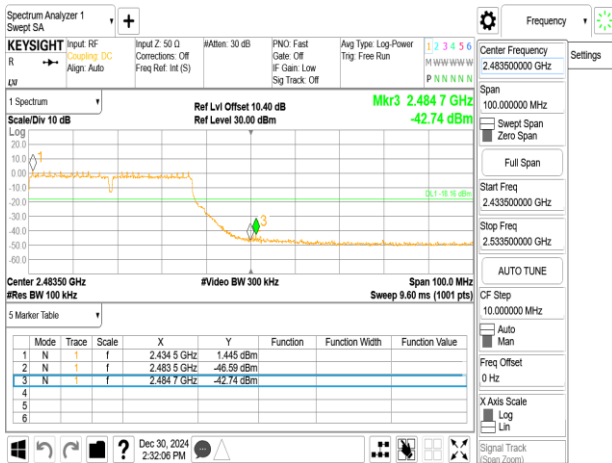
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802.11ax_20MHz_Chain0_2462MHz



802.11n_40MHz_Chain0_2452MHz



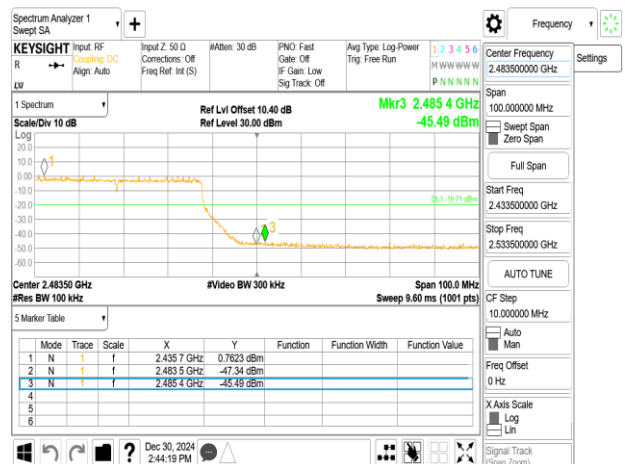
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802.11ax_20MHz_Chain0_2412MHz



802.11ax_40MHz_Chain0_2452MHz

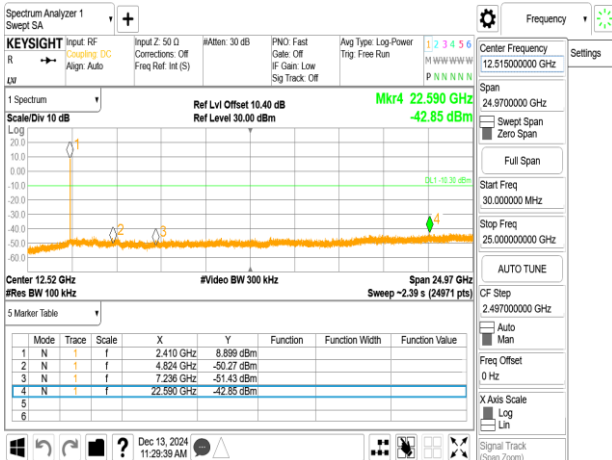


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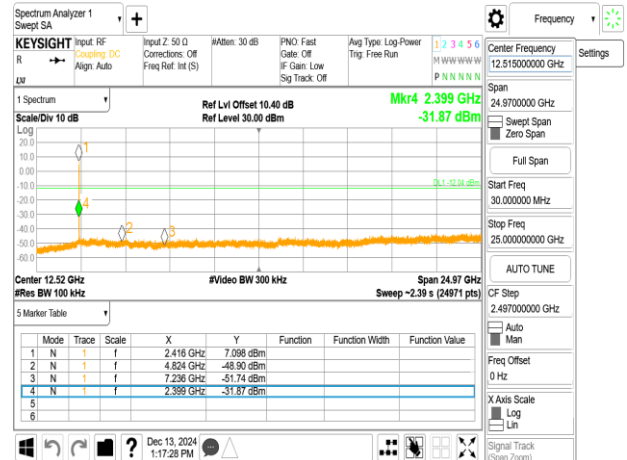
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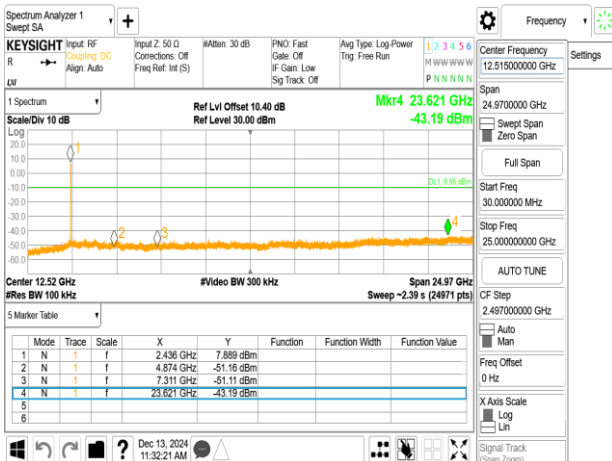
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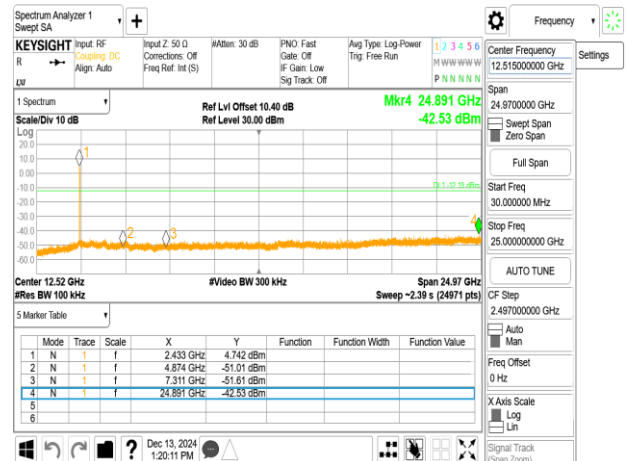
802.11g_20MHz_Chain0_2412MHz



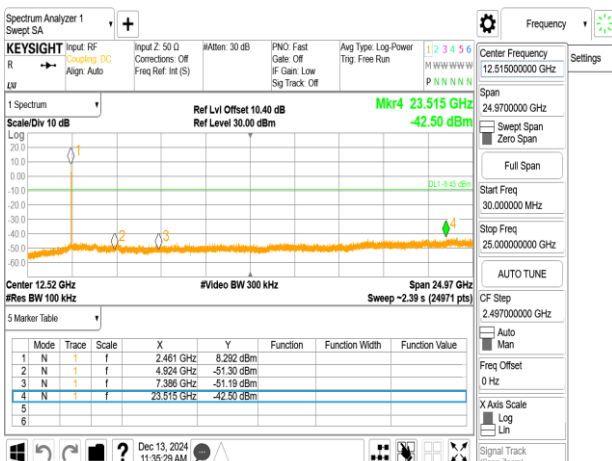
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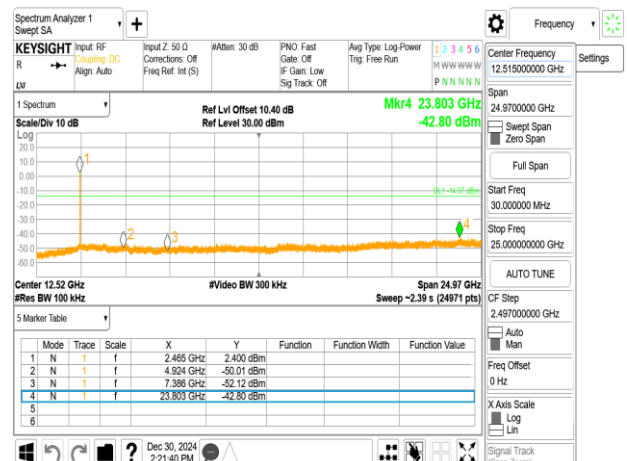
802.11g_20MHz_Chain0_2437MHz



802.11b_20MHz_Chain0_2462MHz



802.11g_20MHz_Chain0_2462MHz

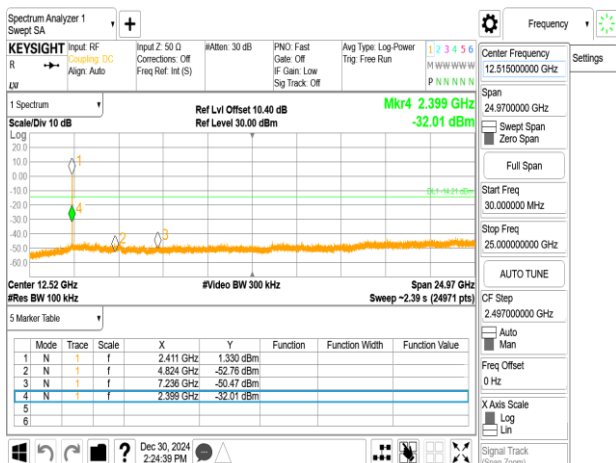


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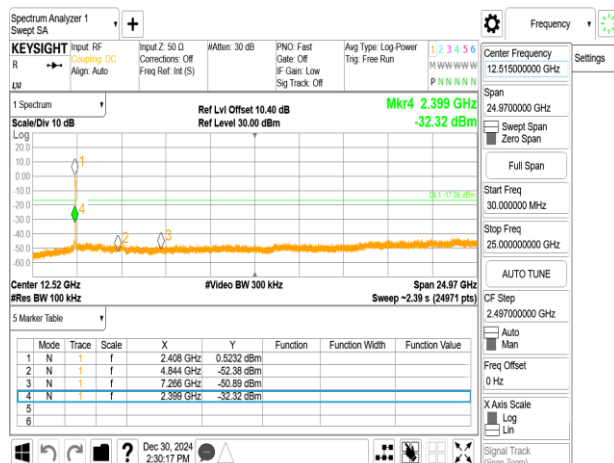
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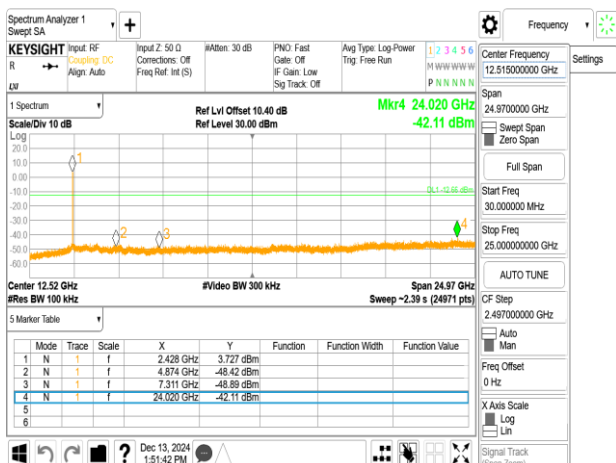
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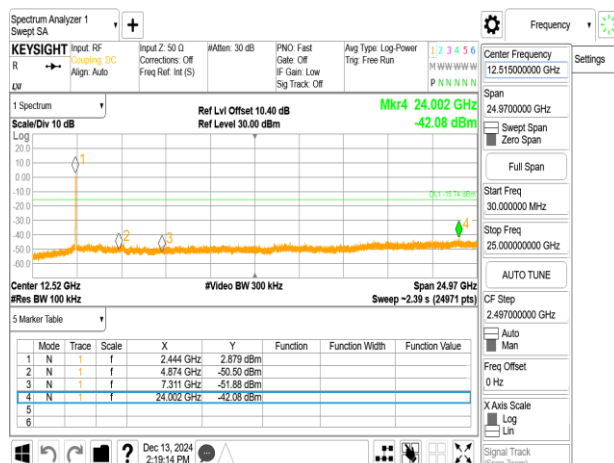
802.11n_40MHz_Chain0_2422MHz



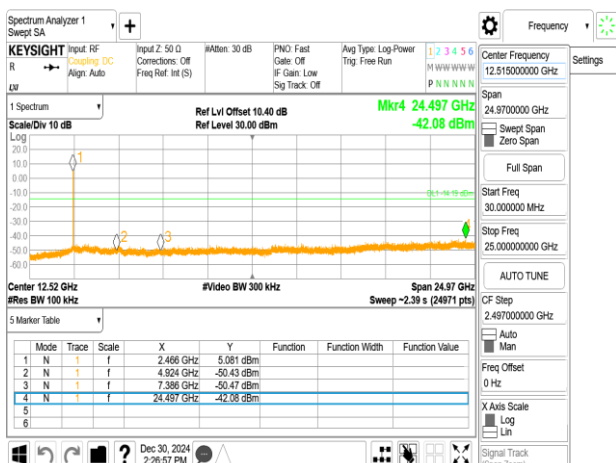
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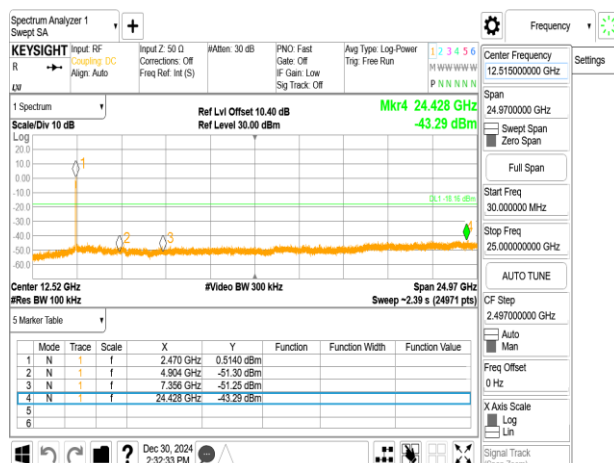
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802.11n_20MHz_Chain0_2462MHz



802.11n_40MHz_Chain0_2452MHz

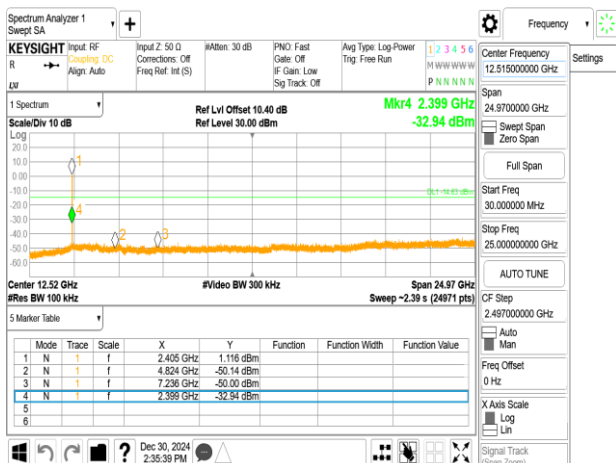


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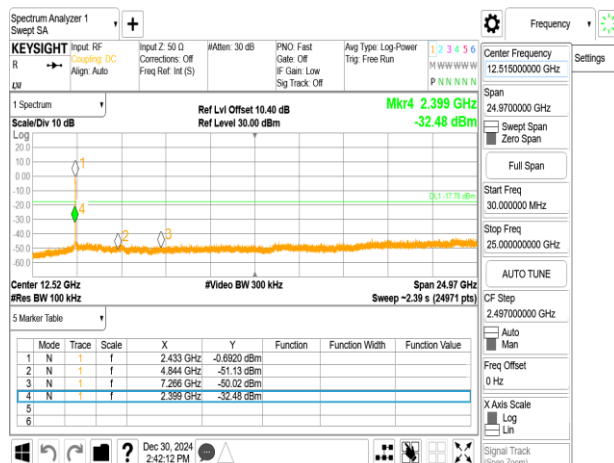
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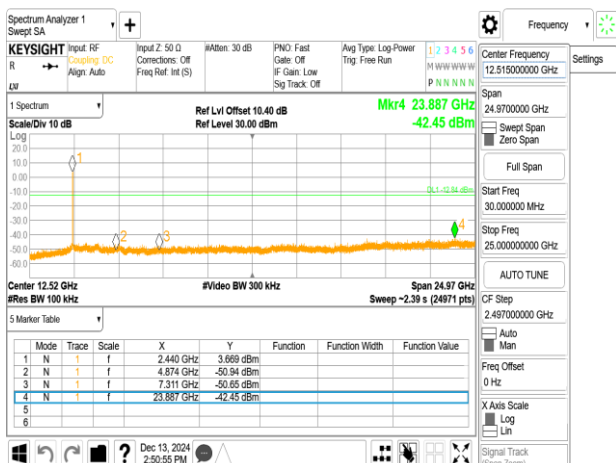
802.11ax_20MHz_Chain0_2412MHz



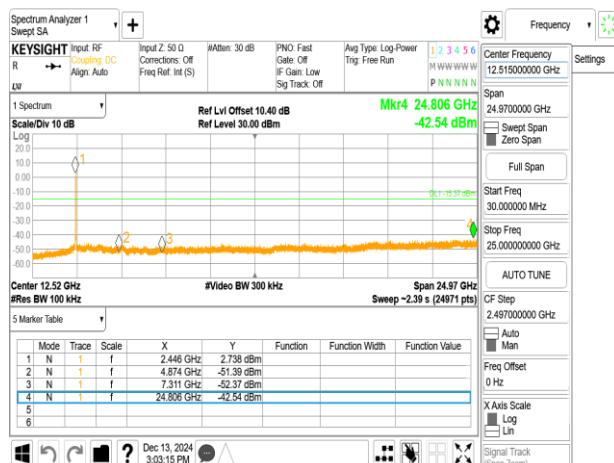
802.11ax_40MHz_Chain0_2422MHz



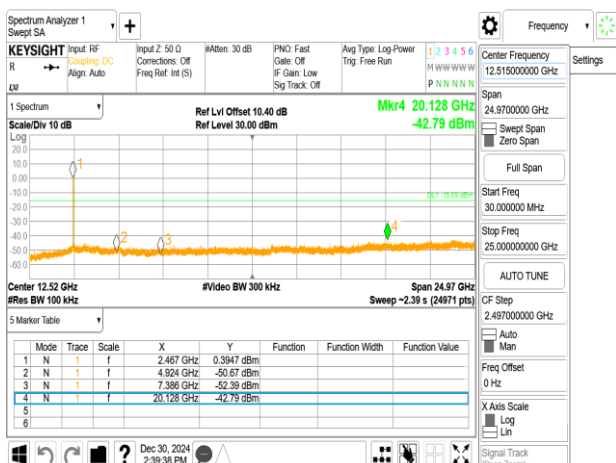
802.11ax_20MHz_Chain0_2437MHz



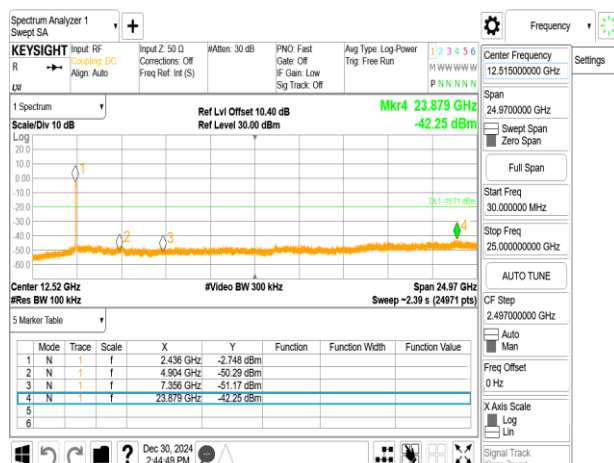
802.11ax_40MHz_Chain0_2437MHz



802.11ax_20MHz_Chain0_2462MHz



802.11ax_40MHz_Chain0_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. In addition, radiated emissions which fall in the restricted bands must also comply with the §15.209 and RSS-Gen §8.9 Table 5 and 6 limit as below.

And according to §15.33(a) (1) & RSS-Gen §6.13.2.a, 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:

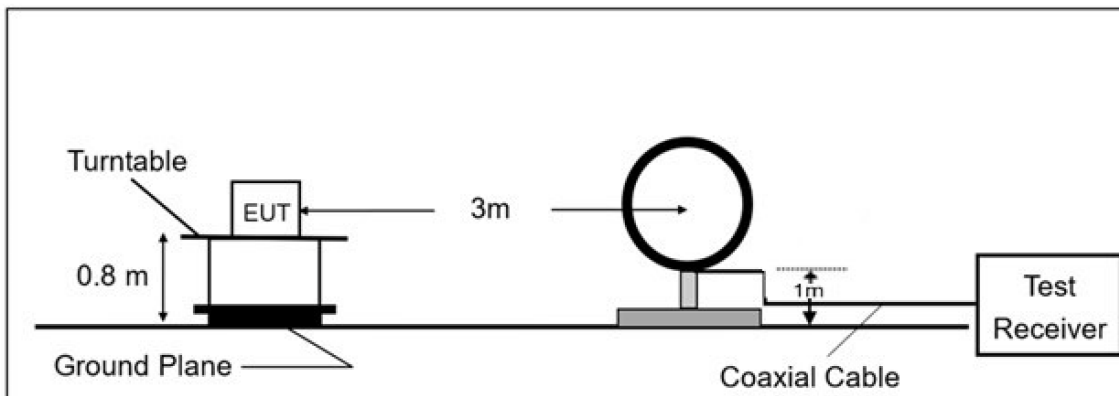
1. The lower limit shall apply at the transition frequencies.

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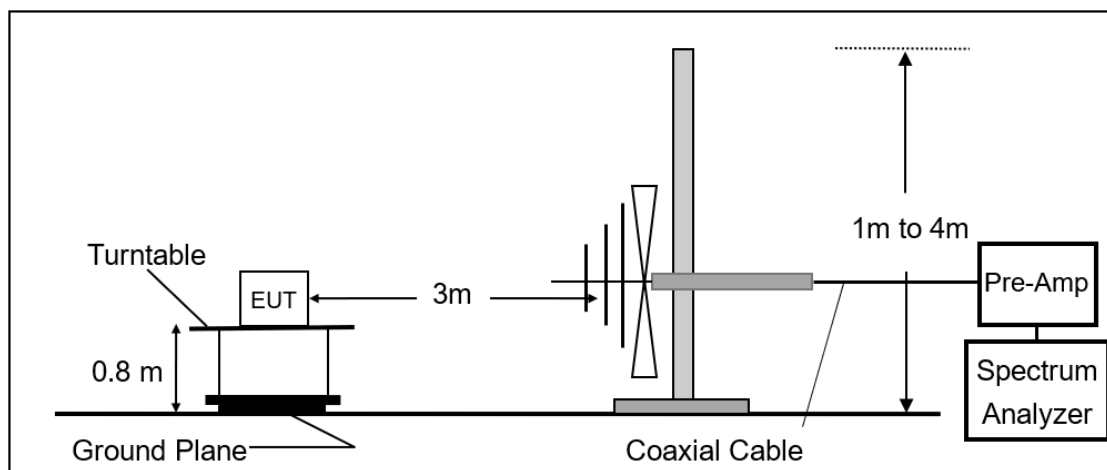
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11.2 Test Setup

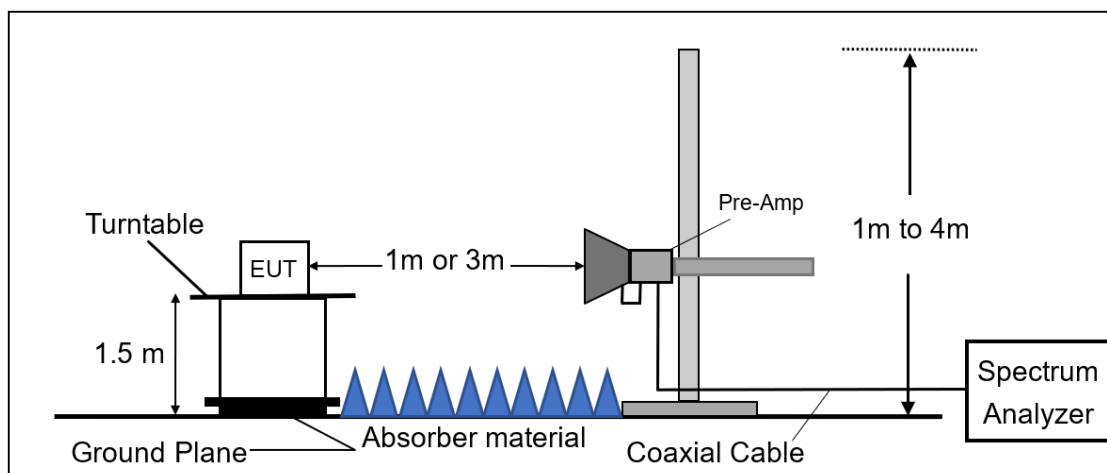
(A) Radiated Emission Test Set-Up, Frequency Below 30MHz.



(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 .
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 (PK) 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.

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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

The limit of the emission level is expressed in dBuV/m, which converts $20 \cdot \log(uV/m)$

Actual FS(dBμV/m) = SPA. Reading level(dBμV) + Factor(dB)

Factor(dB) = Antenna Factor(dBμV/m) + Cable Loss(dB) – Pre_Amplifier Gain(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) & RSS-GEN §6.13.2 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

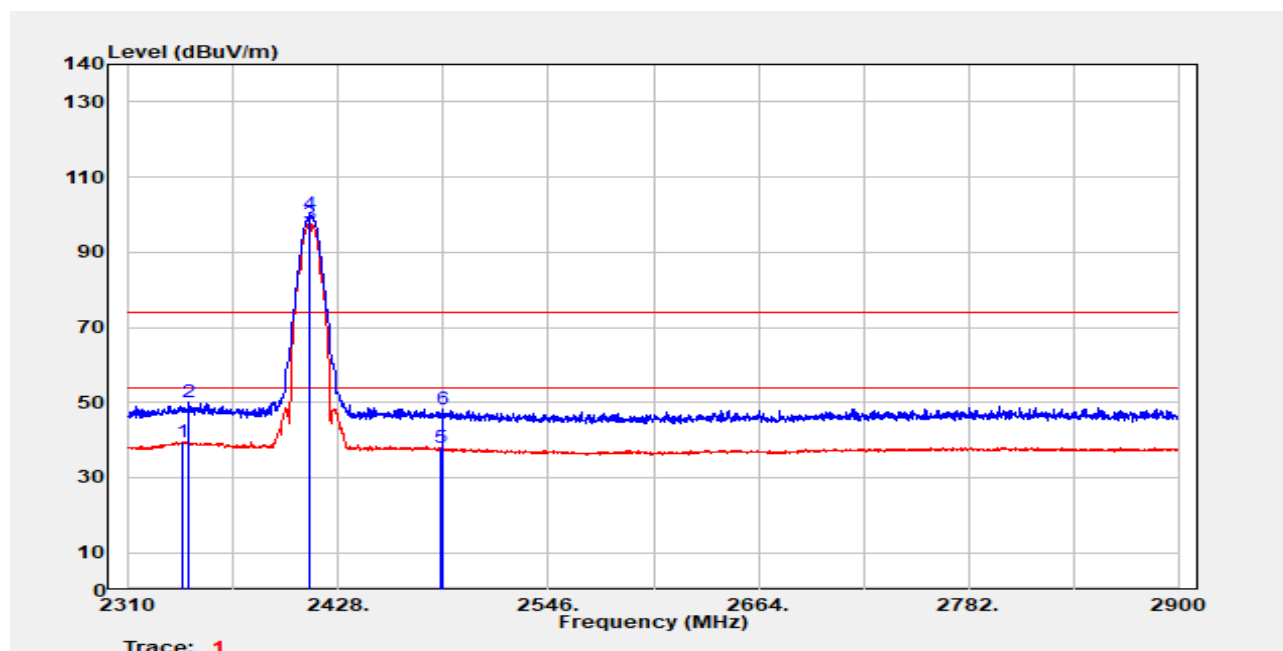
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11.6.1 Radiated Band Edge Measurement Result

Report Number :TERF2411003818E2
Operation Mode :802.11b
Test Frequency :2412 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-26
Temp./Humi. :20.5°C/66%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2340.30	Average	42.55	-3.18	39.37	54.00	-14.63
2343.45	Peak	53.32	-3.18	50.14	74.00	-23.86
2412.00	Average	100.83	-3.30	97.53	-	-
2412.00	Peak	103.34	-3.30	100.04	-	-
2485.29	Average	41.22	-3.37	37.85	54.00	-16.15
2486.27	Peak	51.58	-3.37	48.21	74.00	-25.79

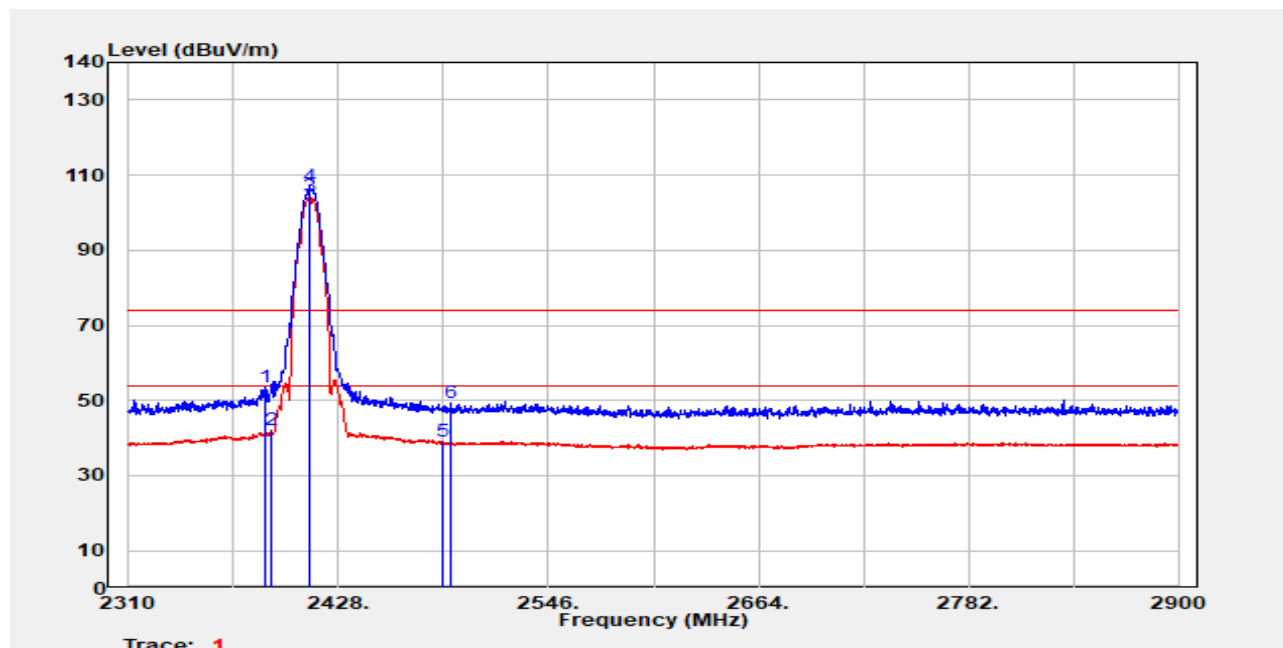
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Report Number :TERF2411003818E2
Operation Mode :802.11b
Test Frequency :2412 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-26
Temp./Humi. :20.5°C/66%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2386.53	Peak	56.70	-3.16	53.54	74.00	-20.46
2389.87	Average	45.08	-3.12	41.96	54.00	-12.04
2412.00	Average	107.57	-3.30	104.27	-	-
2412.00	Peak	110.11	-3.30	106.81	-	-
2486.27	Average	42.39	-3.37	39.02	54.00	-14.98
2490.99	Peak	52.73	-3.38	49.35	74.00	-24.65

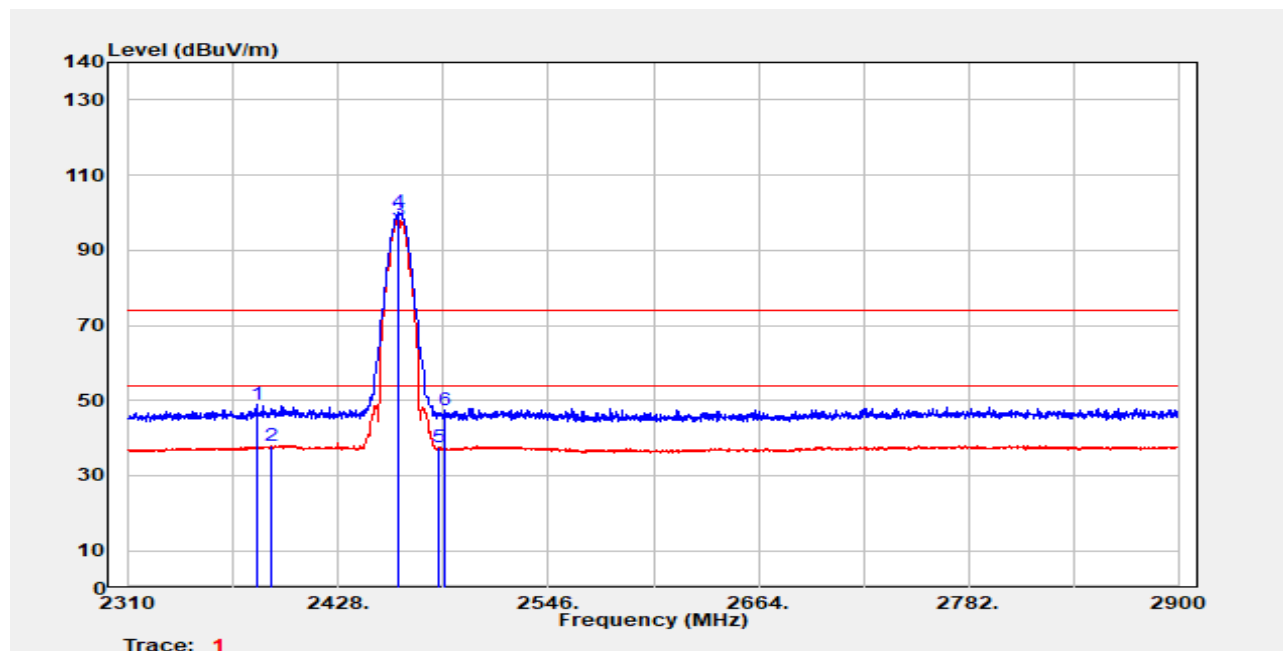
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Report Number :TERF2411003818E2
Operation Mode :802.11b
Test Frequency :2462 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-26
Temp./Humi. :20.5°C/66%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2382.20	Peak	51.97	-3.21	48.76	74.00	-25.24
2389.87	Average	40.93	-3.12	37.81	54.00	-16.19
2462.00	Average	101.37	-3.45	97.92	-	-
2462.00	Peak	103.64	-3.45	100.19	-	-
2484.31	Average	40.85	-3.37	37.48	54.00	-16.52
2487.65	Peak	50.67	-3.37	47.30	74.00	-26.70

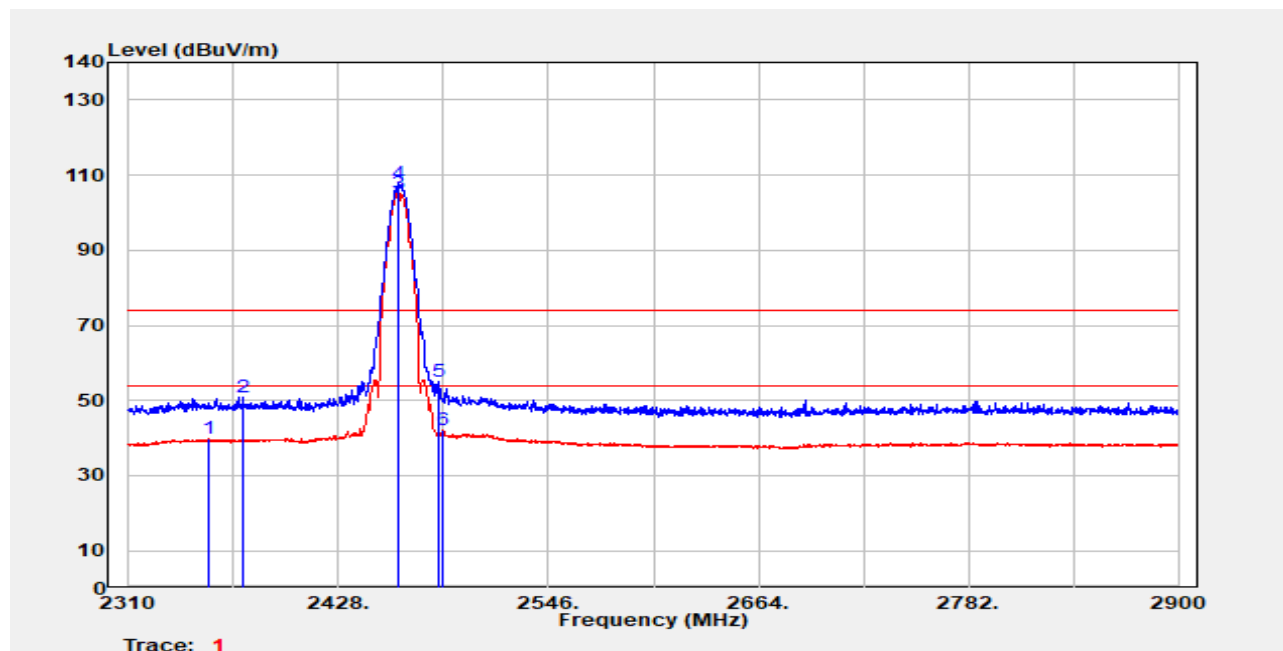
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Report Number :TERF2411003818E2
Operation Mode :802.11b
Test Frequency :2462 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-26
Temp./Humi. :20.5°C/66%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2355.45	Average	42.87	-3.16	39.71	54.00	-14.29
2373.94	Peak	54.01	-3.24	50.77	74.00	-23.23
2462.00	Average	108.56	-3.45	105.11	-	-
2462.00	Peak	111.04	-3.45	107.59	-	-
2484.31	Peak	58.21	-3.37	54.84	74.00	-19.16
2486.86	Average	45.36	-3.37	41.99	54.00	-12.01

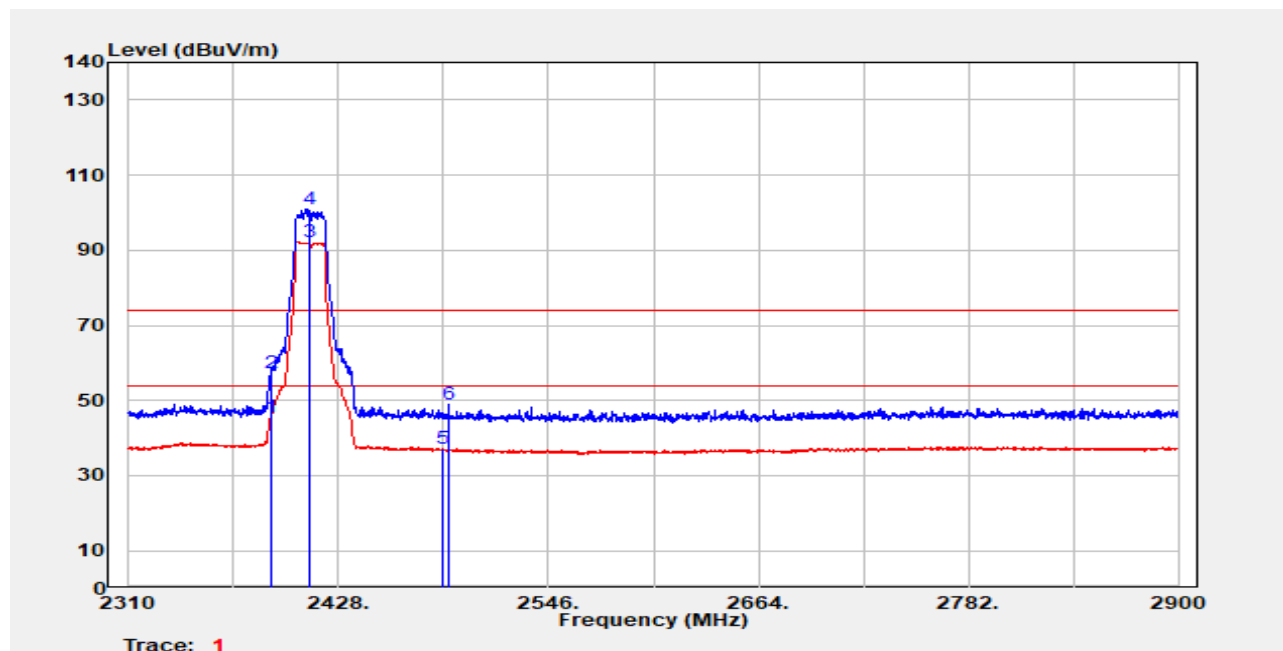
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Report Number :TERF2411003818E2
Operation Mode :802.11g
Test Frequency :2412 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-26
Temp./Humi. :20.5°C/66%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2389.68	Average	48.83	-3.12	45.71	54.00	-8.29
2389.87	Peak	60.33	-3.12	57.21	74.00	-16.79
2412.00	Average	95.63	-3.30	92.33	-	-
2412.00	Peak	104.35	-3.30	101.05	-	-
2486.27	Average	40.45	-3.37	37.08	54.00	-16.92
2490.01	Peak	52.14	-3.38	48.76	74.00	-25.24

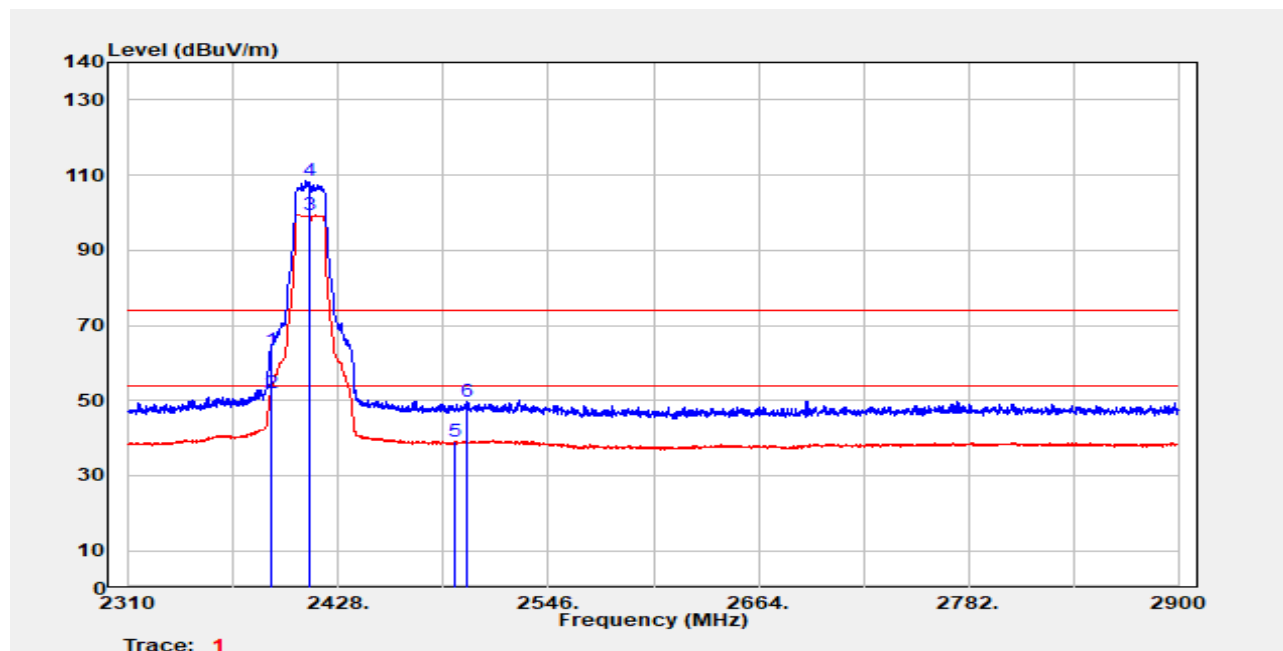
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Report Number :TERF2411003818E2
Operation Mode :802.11g
Test Frequency :2412 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-26
Temp./Humi. :20.5°C/66%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2389.68	Peak	66.58	-3.12	63.46	74.00	-10.54
2389.87	Average	55.27	-3.12	52.15	54.00	-1.85
2412.00	Average	102.82	-3.30	99.52	-	-
2412.00	Peak	111.65	-3.30	108.35	-	-
2493.75	Average	42.51	-3.38	39.13	54.00	-14.87
2499.65	Peak	53.21	-3.38	49.83	74.00	-24.17

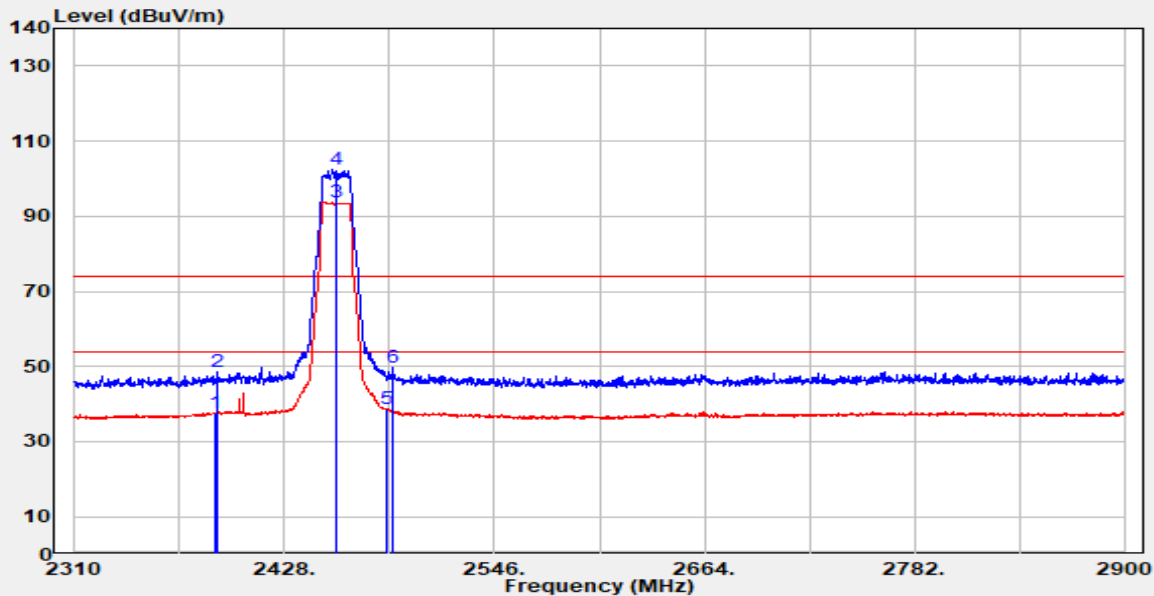
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Report Number :TERF2411003818E2
 Operation Mode :802.11g
 Test Frequency :2457 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G Chamber
 Test Date :2025-01-03
 Temp./Humi. :21.1°C/53%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



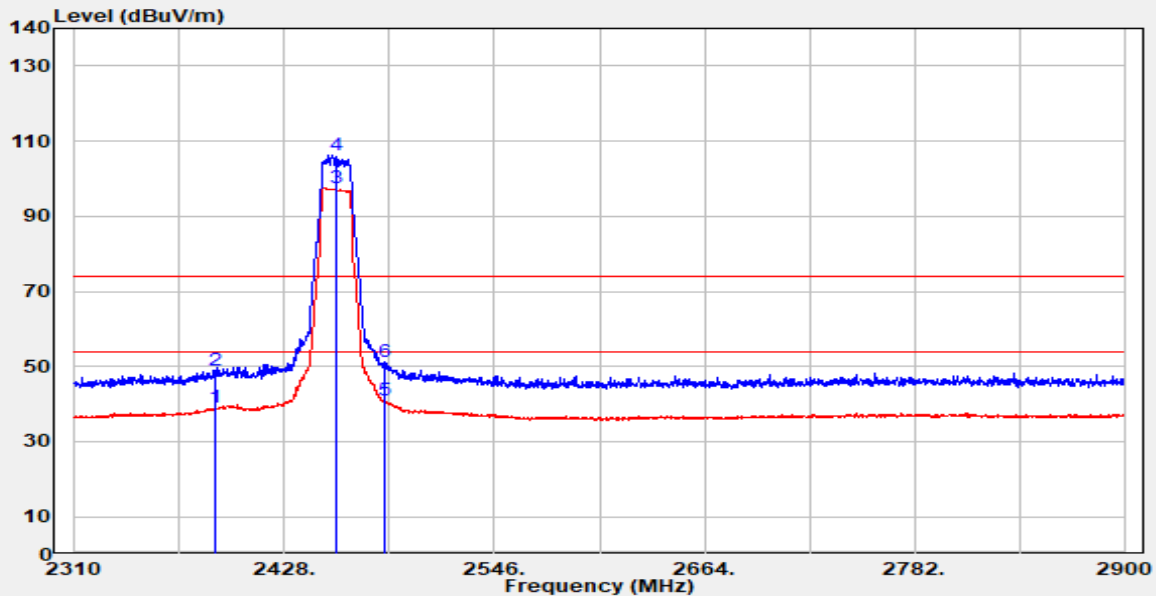
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2388.50	Average	40.70	-3.14	37.56	54.00	-16.44
2389.87	Peak	51.84	-3.12	48.72	74.00	-25.28
2457.00	Average	97.17	-3.45	93.72	-	-
2457.00	Peak	106.05	-3.45	102.60	-	-
2485.29	Average	42.22	-3.37	38.85	54.00	-15.15
2489.03	Peak	53.02	-3.37	49.65	74.00	-24.35

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Report Number :TERF2411003818E2
 Operation Mode :802.11g
 Test Frequency :2457 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G Chamber
 Test Date :2025-01-03
 Temp./Humi. :21.1°C/53%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



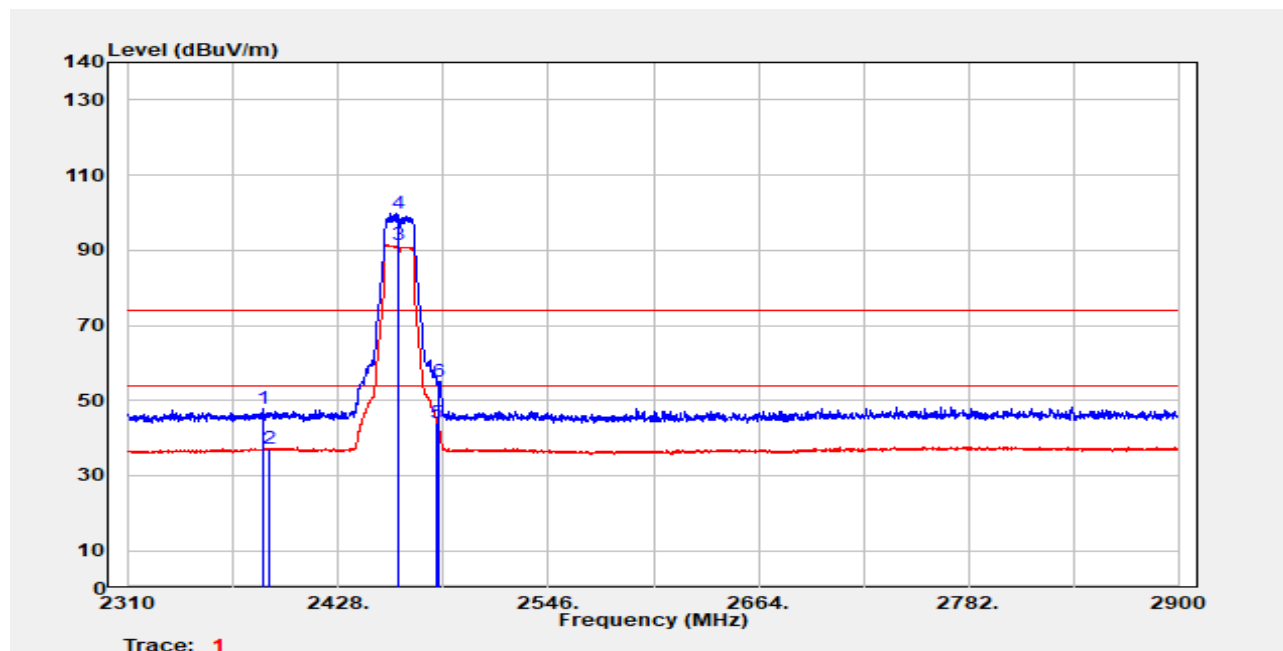
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2388.89	Average	42.03	-3.13	38.90	54.00	-15.10
2389.09	Peak	52.24	-3.13	49.11	74.00	-24.89
2457.00	Average	100.98	-3.45	97.53	-	-
2457.00	Peak	109.78	-3.45	106.33	-	-
2483.72	Average	44.27	-3.37	40.90	54.00	-13.10
2484.70	Peak	54.75	-3.37	51.38	74.00	-22.62

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Report Number :TERF2411003818E2
Operation Mode :802.11g
Test Frequency :2462 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-26
Temp./Humi. :20.5°C/66%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2385.94	Peak	50.86	-3.17	47.69	74.00	-26.31
2388.69	Average	40.43	-3.13	37.30	54.00	-16.70
2462.00	Average	94.80	-3.45	91.35	-	-
2462.00	Peak	103.32	-3.45	99.87	-	-
2483.50	Average	47.48	-3.37	44.11	54.00	-9.89
2483.72	Peak	58.41	-3.37	55.04	74.00	-18.96

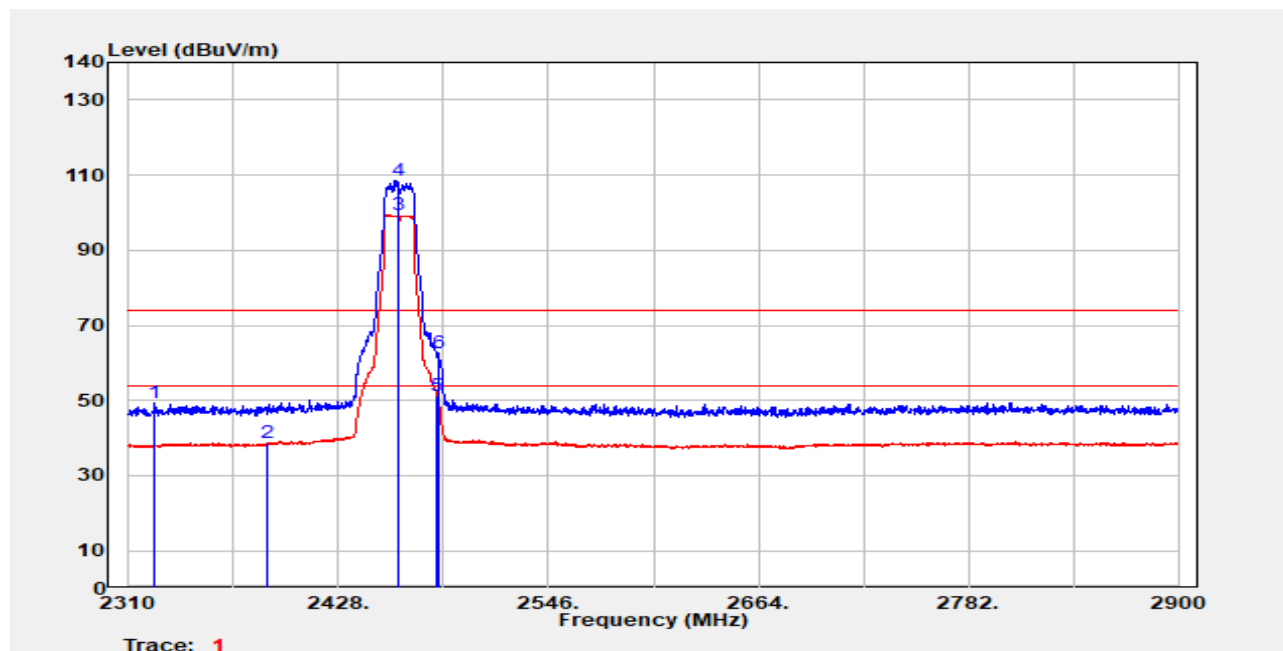
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Report Number :TERF2411003818E2
Operation Mode :802.11g
Test Frequency :2462 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-26
Temp./Humi. :20.5°C/66%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2324.36	Peak	52.49	-3.20	49.29	74.00	-24.71
2388.10	Average	41.90	-3.14	38.76	54.00	-15.24
2462.00	Average	102.86	-3.45	99.41	-	-
2462.00	Peak	111.93	-3.45	108.48	-	-
2483.50	Average	54.51	-3.37	51.14	54.00	-2.86
2484.11	Peak	66.04	-3.37	62.67	74.00	-11.33

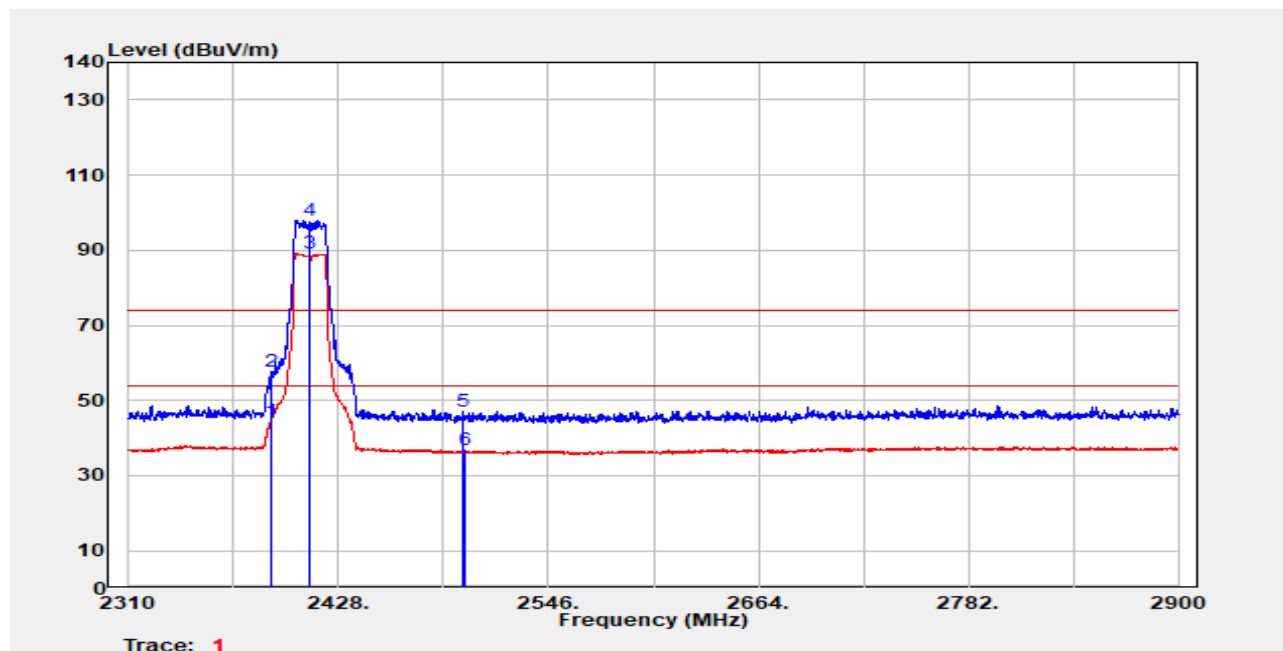
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Report Number :TERF2411003818E2
Operation Mode :802.11n20
Test Frequency :2412 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-26
Temp./Humi. :20.5°C/66%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2389.68	Average	47.56	-3.12	44.44	54.00	-9.56
2389.68	Peak	60.77	-3.12	57.65	74.00	-16.35
2412.00	Average	92.55	-3.30	89.25	-	-
2412.00	Peak	101.36	-3.30	98.06	-	-
2497.88	Peak	50.24	-3.38	46.86	74.00	-27.14
2499.45	Average	40.20	-3.38	36.82	54.00	-17.18

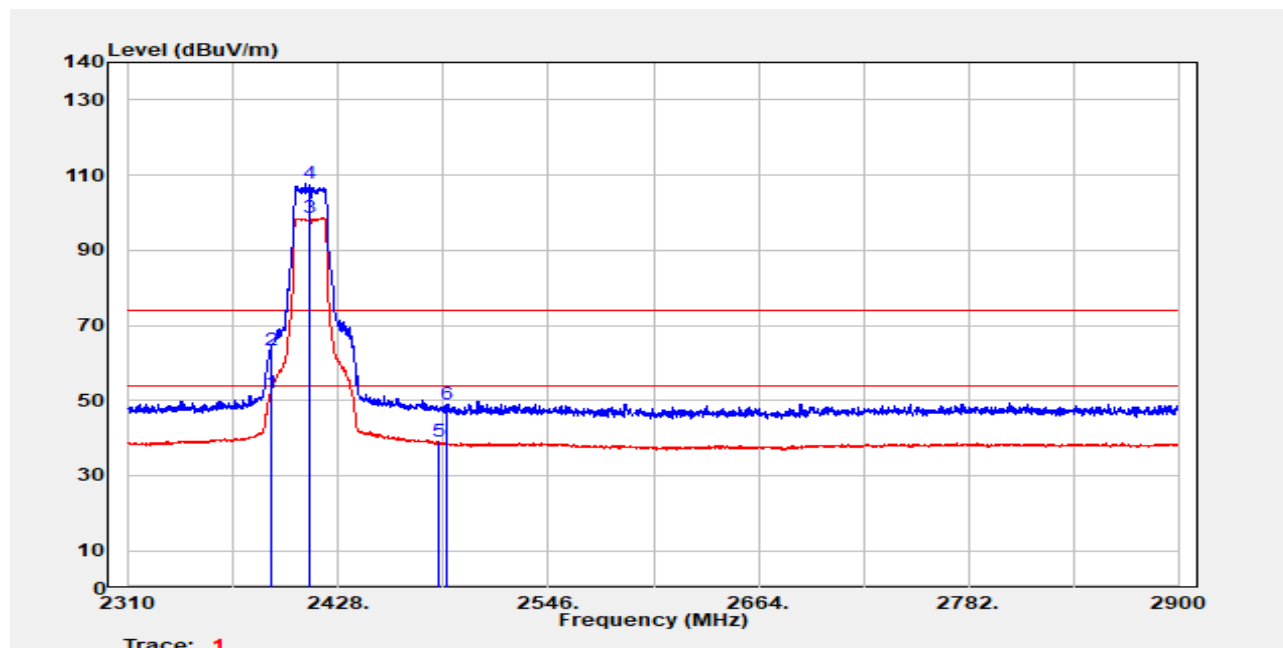
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Report Number :TERF2411003818E2
Operation Mode :802.11n20
Test Frequency :2412 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-26
Temp./Humi. :20.5°C/66%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2389.87	Average	55.22	-3.12	52.10	54.00	-1.90
2389.87	Peak	66.43	-3.12	63.31	74.00	-10.69
2412.00	Average	101.88	-3.30	98.58	-	-
2412.00	Peak	111.12	-3.30	107.82	-	-
2484.31	Average	42.33	-3.37	38.96	54.00	-15.04
2489.22	Peak	52.40	-3.37	49.03	74.00	-24.97

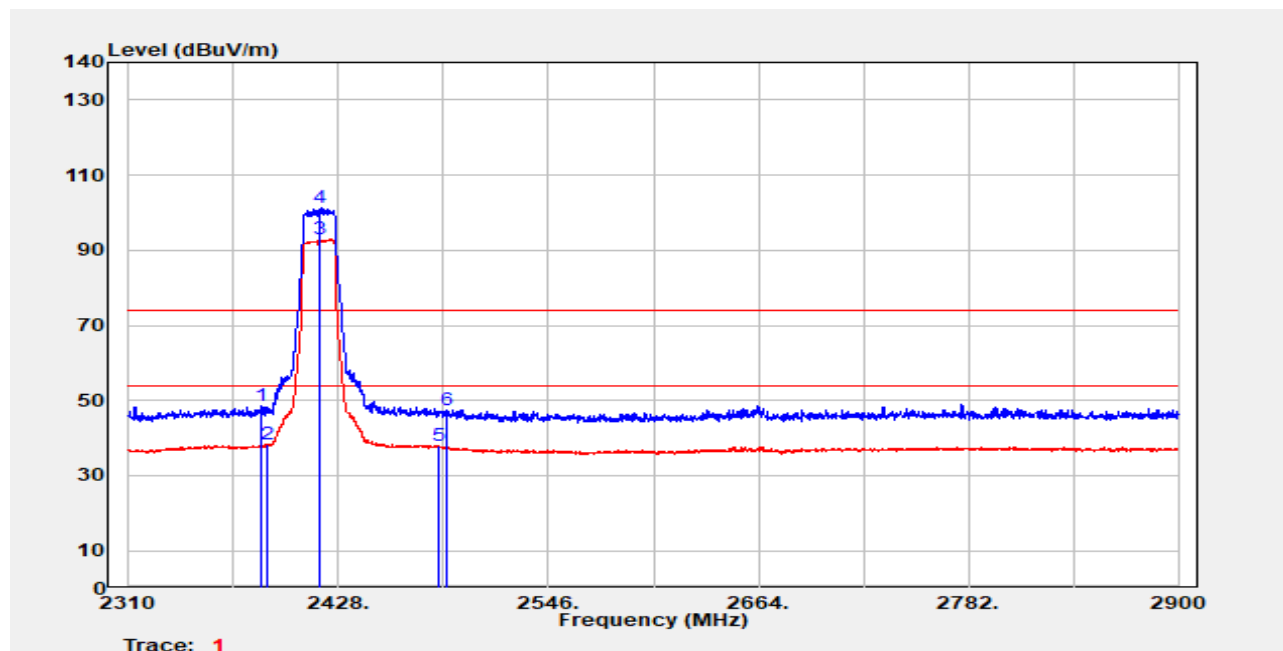
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Report Number :TERF2411003818E2
Operation Mode :802.11n20
Test Frequency :2417 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2025-01-03
Temp./Humi. :21.1°C/53%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2384.76	Peak	51.68	-3.18	48.50	74.00	-25.50
2388.10	Average	41.34	-3.14	38.20	54.00	-15.80
2417.00	Average	96.08	-3.26	92.82	-	-
2417.00	Peak	104.40	-3.26	101.14	-	-
2484.50	Average	41.16	-3.37	37.79	54.00	-16.21
2488.83	Peak	50.76	-3.37	47.39	74.00	-26.61

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t (886-2) 2299-3279

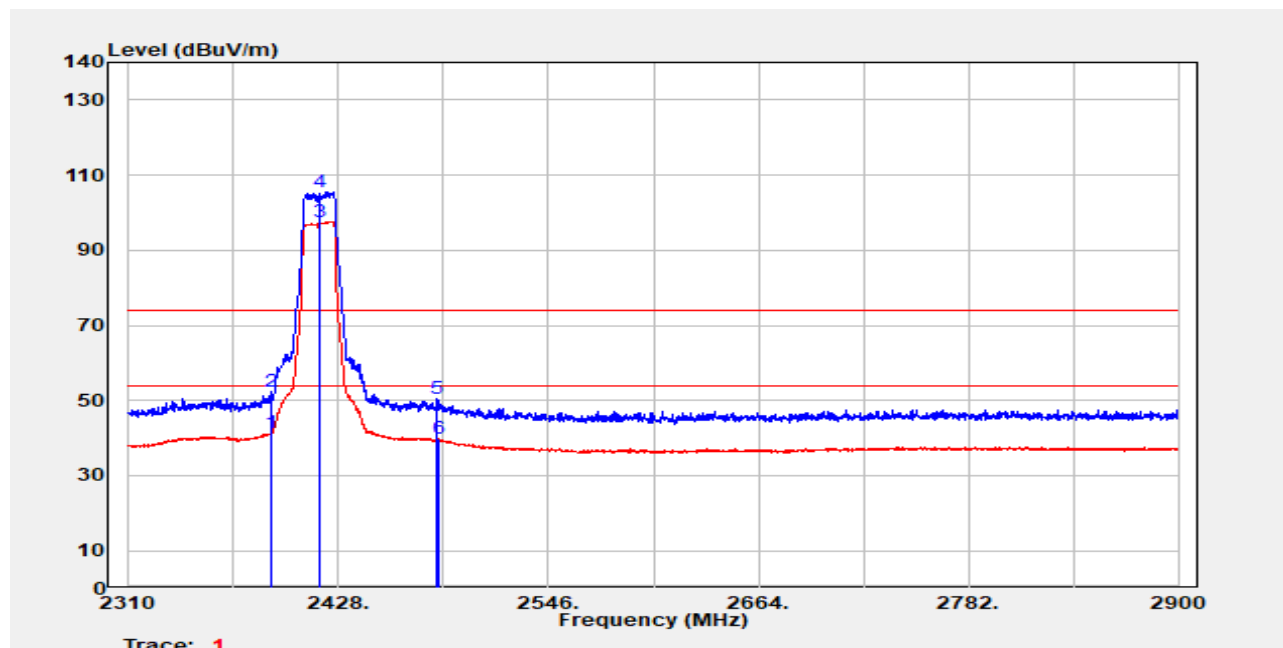
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Report Number :TERF2411003818E2
 Operation Mode :802.11n20
 Test Frequency :2417 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G Chamber
 Test Date :2025-01-03
 Temp./Humi. :21.1°C/53%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2389.68	Average	44.30	-3.12	41.18	54.00	-12.82
2389.87	Peak	55.66	-3.12	52.54	74.00	-21.46
2417.00	Average	100.94	-3.26	97.68	-	-
2417.00	Peak	108.86	-3.26	105.60	-	-
2483.50	Peak	53.81	-3.37	50.44	74.00	-23.56
2484.31	Average	43.13	-3.37	39.76	54.00	-14.24

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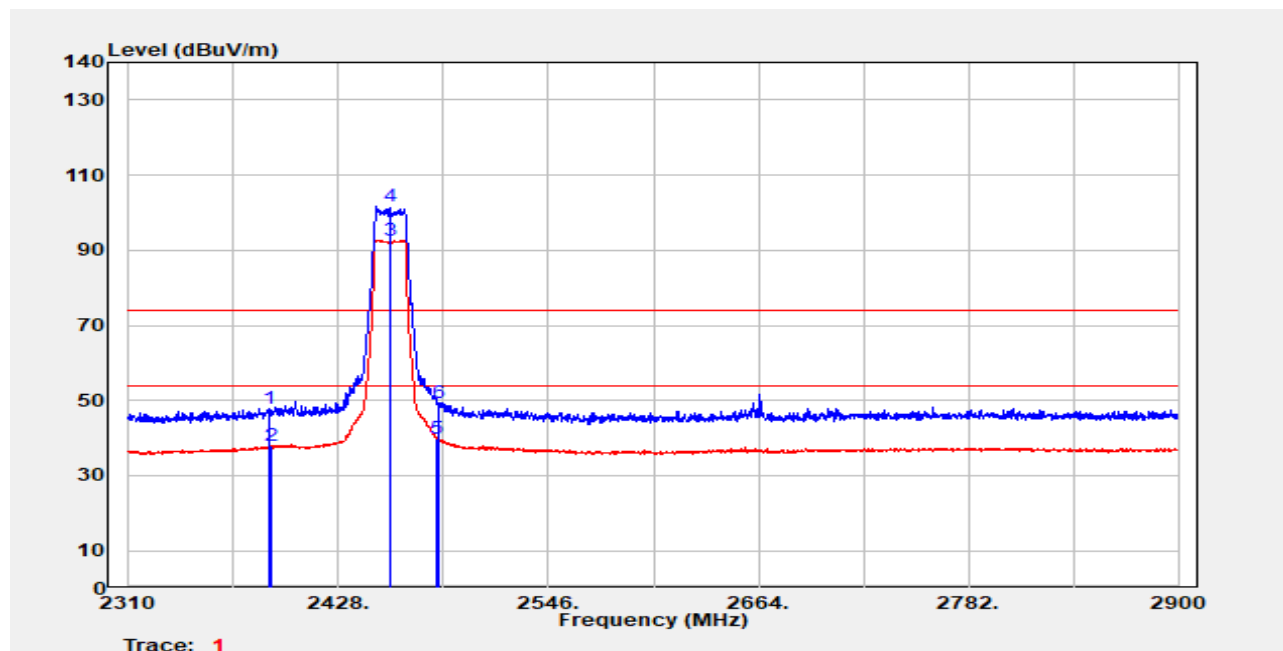
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Report Number :TERF2411003818E2
Operation Mode :802.11n20
Test Frequency :2457 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2025-01-03
Temp./Humi. :21.1°C/53%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2389.09	Peak	51.04	-3.13	47.91	74.00	-26.09
2389.87	Average	41.05	-3.12	37.93	54.00	-16.07
2457.00	Average	96.19	-3.45	92.74	-	-
2457.00	Peak	105.22	-3.45	101.77	-	-
2483.50	Average	43.03	-3.37	39.66	54.00	-14.34
2483.72	Peak	52.73	-3.37	49.36	74.00	-24.64

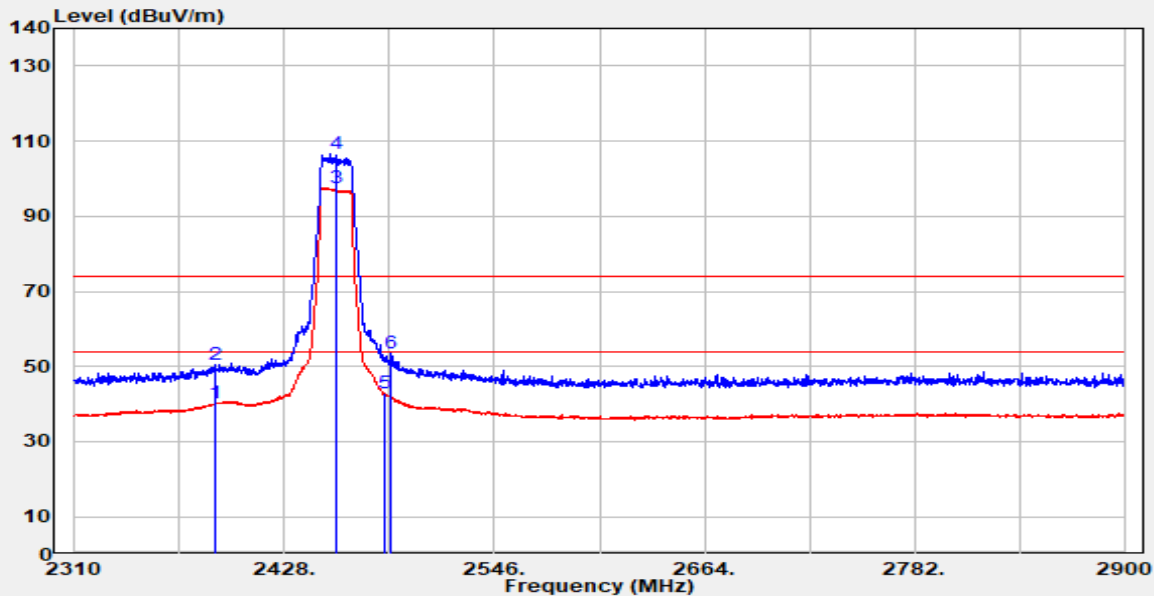
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Report Number :TERF2411003818E2
 Operation Mode :802.11n20
 Test Frequency :2457 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G Chamber
 Test Date :2025-01-03
 Temp./Humi. :21.1°C/53%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



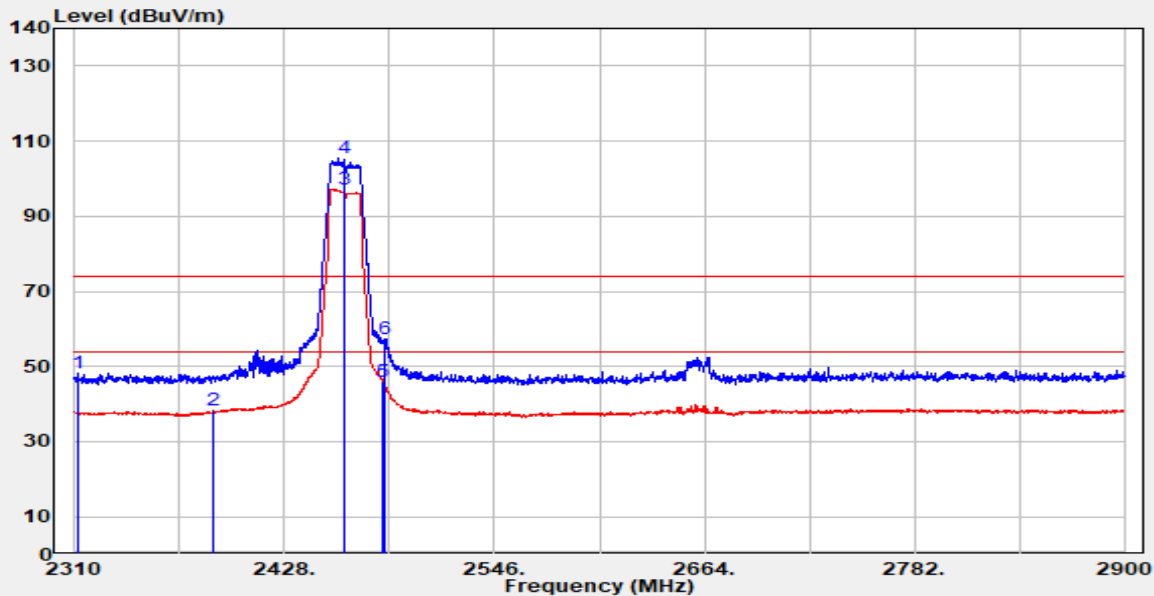
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2388.89	Average	43.41	-3.13	40.28	54.00	-13.72
2388.89	Peak	53.68	-3.13	50.55	74.00	-23.45
2457.00	Average	100.97	-3.45	97.52	-	-
2457.00	Peak	109.95	-3.45	106.50	-	-
2484.70	Average	46.08	-3.37	42.71	54.00	-11.29
2488.04	Peak	56.75	-3.37	53.38	74.00	-20.62

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Report Number :TERF2411003818E2
 Operation Mode :802.11n20
 Test Frequency :2462 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G Chamber
 Test Date :2025-01-03
 Temp./Humi. :21.1°C/53%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



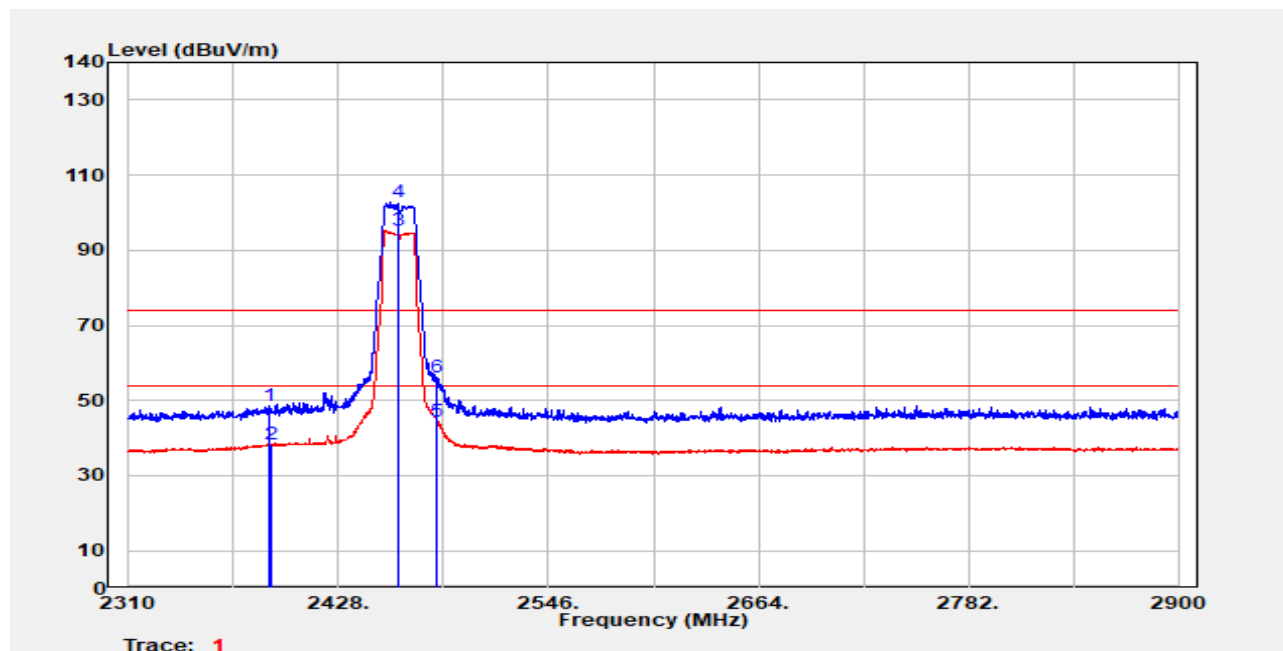
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2311.97	Peak	51.43	-3.14	48.29	74.00	-25.71
2388.10	Average	41.30	-3.14	38.16	54.00	-15.84
2462.00	Average	100.66	-3.45	97.21	-	-
2462.00	Peak	108.93	-3.45	105.48	-	-
2483.50	Average	49.23	-3.37	45.86	54.00	-8.14
2483.91	Peak	60.77	-3.37	57.40	74.00	-16.60

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Report Number :TERF2411003818E2
Operation Mode :802.11n20
Test Frequency :2462 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2025-01-03
Temp./Humi. :21.1°C/53%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2388.50	Peak	51.54	-3.14	48.40	74.00	-25.60
2389.68	Average	41.50	-3.12	38.38	54.00	-15.62
2462.00	Average	98.69	-3.45	95.24	-	-
2462.00	Peak	106.11	-3.45	102.66	-	-
2483.50	Average	47.82	-3.37	44.45	54.00	-9.55
2483.50	Peak	59.45	-3.37	56.08	74.00	-17.92

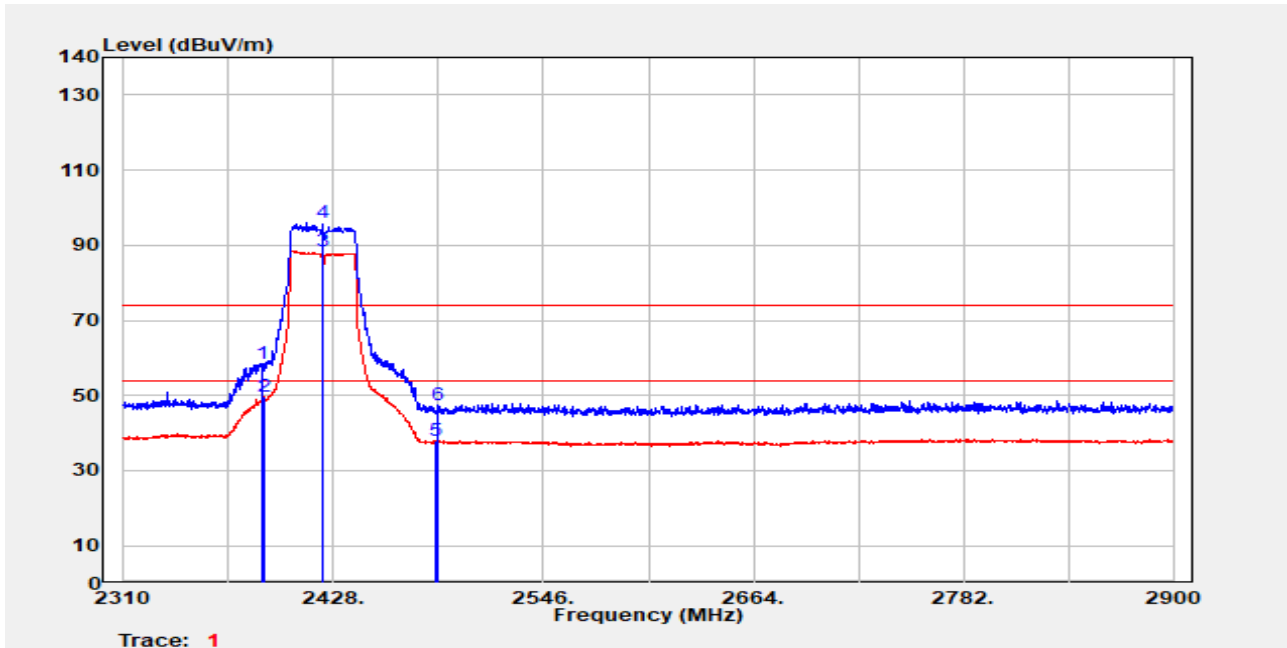
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Report Number :TERF2411003818E2
Operation Mode :802.11n40
Test Frequency :2422 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-26
Temp./Humi. :20.5°C/66%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2387.32	Peak	61.57	-3.15	58.42	74.00	-15.58
2389.48	Average	52.66	-3.13	49.53	54.00	-4.47
2422.00	Average	91.72	-3.22	88.50	-	-
2422.00	Peak	99.09	-3.22	95.87	-	-
2485.29	Average	41.29	-3.37	37.92	54.00	-16.08
2486.86	Peak	50.74	-3.37	47.37	74.00	-26.63

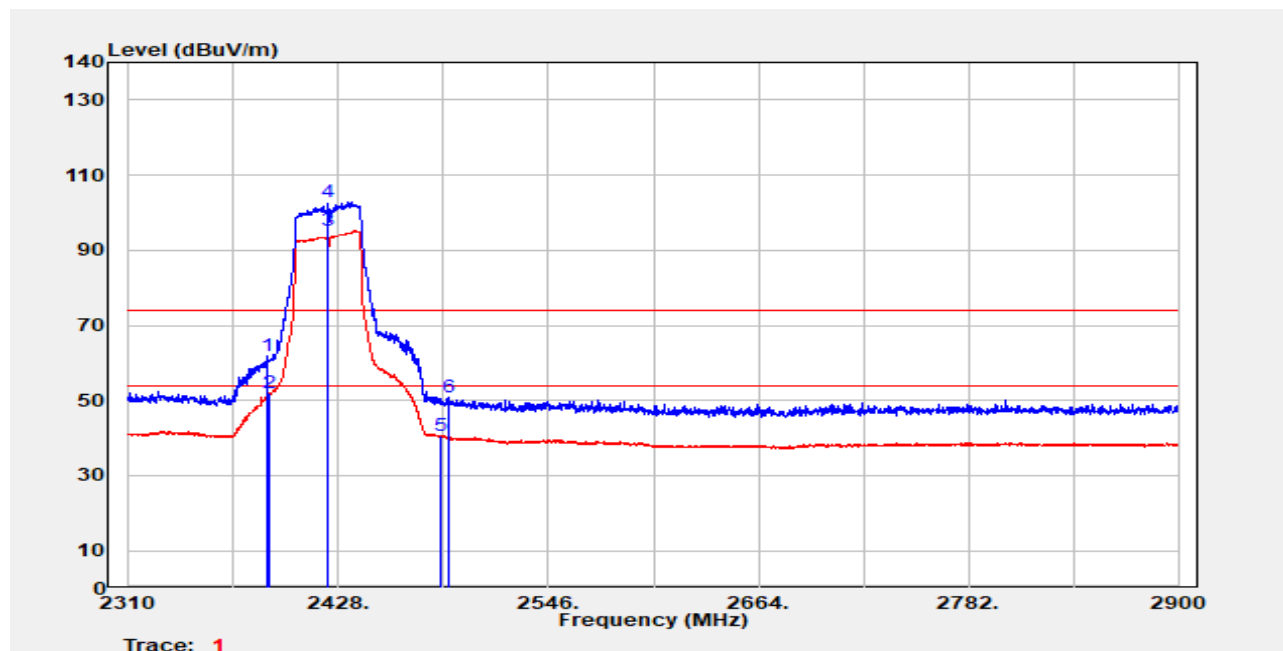
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Report Number :TERF2411003818E2
Operation Mode :802.11n40
Test Frequency :2422 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-26
Temp./Humi. :20.5°C/66%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2387.71	Peak	65.06	-3.14	61.92	74.00	-12.08
2389.48	Average	55.22	-3.13	52.09	54.00	-1.91
2422.00	Average	98.29	-3.22	95.07	-	-
2422.00	Peak	106.04	-3.22	102.82	-	-
2485.09	Average	44.09	-3.37	40.72	54.00	-13.28
2489.42	Peak	54.22	-3.37	50.85	74.00	-23.15

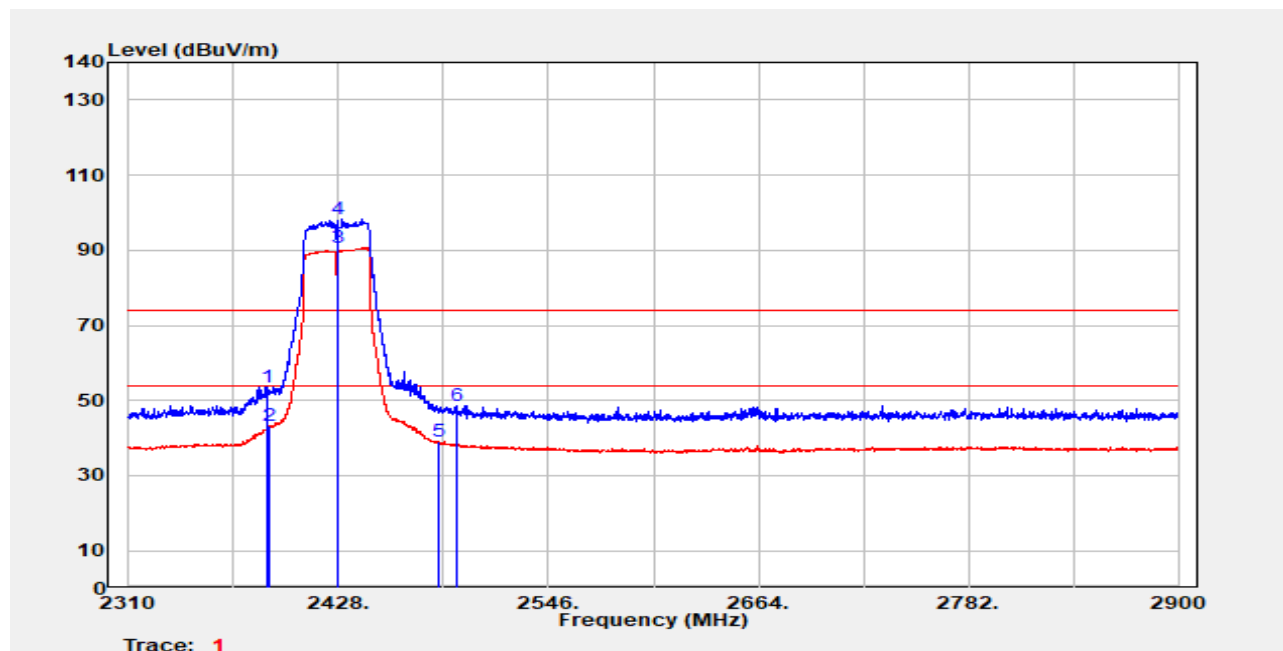
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Report Number :TERF2411003818E2
 Operation Mode :802.11n40
 Test Frequency :2427 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G Chamber
 Test Date :2025-01-03
 Temp./Humi. :21.1°C/53%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2388.30	Peak	56.58	-3.14	53.44	74.00	-20.56
2388.89	Average	46.26	-3.13	43.13	54.00	-10.87
2427.00	Average	93.98	-3.23	90.75	-	-
2427.00	Peak	101.55	-3.23	98.32	-	-
2483.72	Average	42.62	-3.37	39.25	54.00	-14.75
2493.95	Peak	51.94	-3.37	48.57	74.00	-25.43

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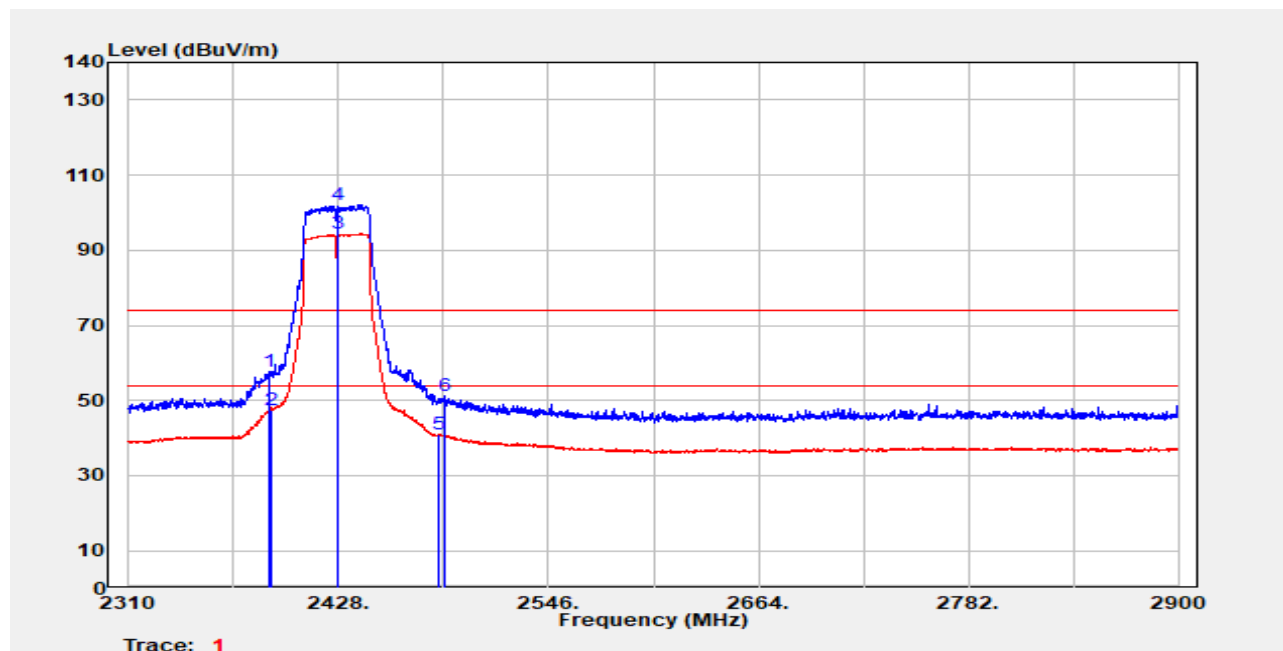
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Report Number :TERF2411003818E2
 Operation Mode :802.11n40
 Test Frequency :2427 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G Chamber
 Test Date :2025-01-03
 Temp./Humi. :21.1°C/53%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2389.48	Peak	60.78	-3.13	57.65	74.00	-16.35
2389.87	Average	50.41	-3.12	47.29	54.00	-6.71
2427.00	Average	97.60	-3.23	94.37	-	-
2427.00	Peak	105.19	-3.23	101.96	-	-
2484.70	Average	44.29	-3.37	40.92	54.00	-13.08
2487.45	Peak	54.52	-3.37	51.15	74.00	-22.85

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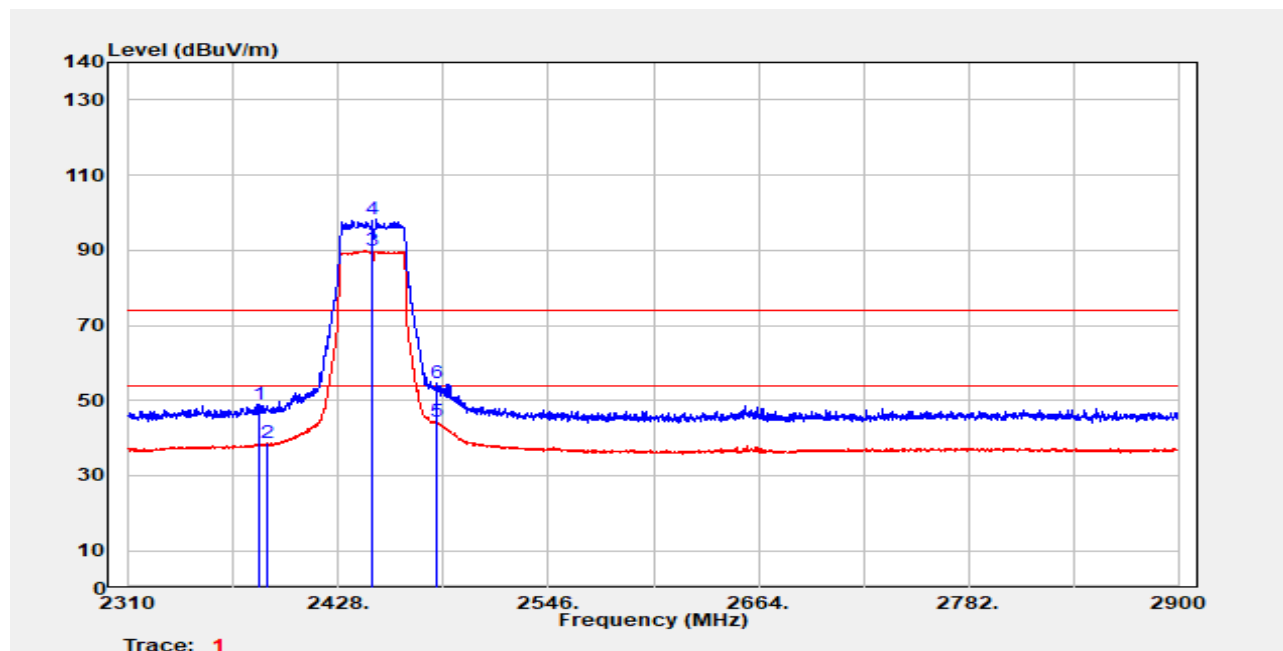
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Report Number :TERF2411003818E2
 Operation Mode :802.11n40
 Test Frequency :2447 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G Chamber
 Test Date :2025-01-03
 Temp./Humi. :21.1°C/53%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2382.79	Peak	52.16	-3.20	48.96	74.00	-25.04
2388.30	Average	41.72	-3.14	38.58	54.00	-15.42
2447.00	Average	93.23	-3.41	89.82	-	-
2447.00	Peak	101.58	-3.41	98.17	-	-
2483.50	Average	47.91	-3.37	44.54	54.00	-9.46
2483.50	Peak	58.00	-3.37	54.63	74.00	-19.37

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SGS Taiwan Ltd.

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

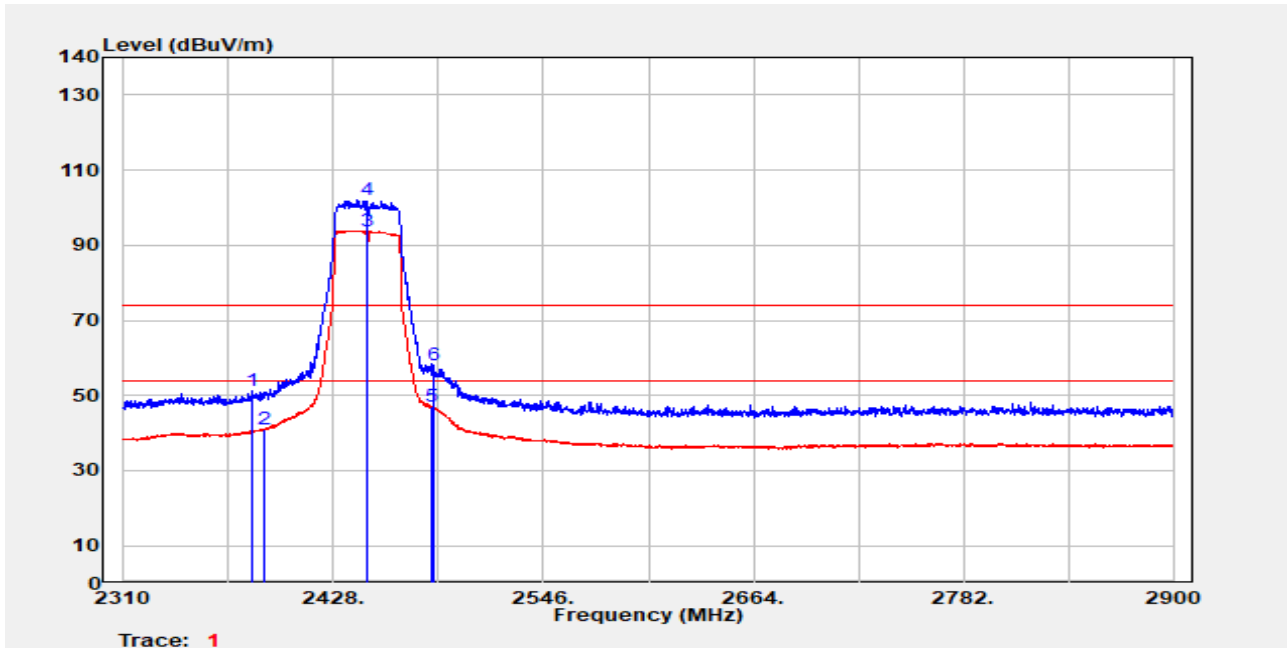
f (886-2) 2298-0488

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Member of SGS Group

Report Number :TERF2411003818E2
 Operation Mode :802.11n40
 Test Frequency :2447 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G Chamber
 Test Date :2025-01-03
 Temp./Humi. :21.1°C/53%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2382.20	Peak	54.27	-3.21	51.06	74.00	-22.94
2388.89	Average	44.27	-3.13	41.14	54.00	-12.86
2447.00	Average	97.20	-3.41	93.79	-	-
2447.00	Peak	105.30	-3.41	101.89	-	-
2483.50	Average	50.35	-3.37	46.98	54.00	-7.02
2483.91	Peak	61.50	-3.37	58.13	74.00	-15.87

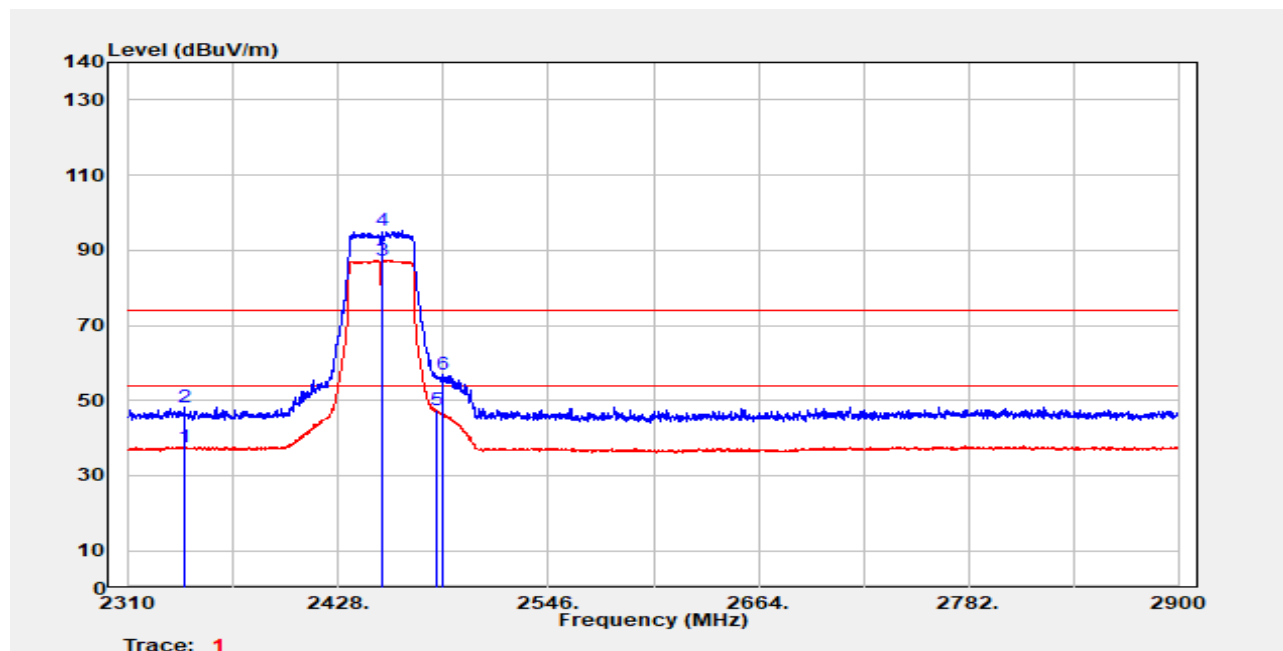
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Report Number :TERF2411003818E2
Operation Mode :802.11n40
Test Frequency :2452 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-26
Temp./Humi. :20.5°C/66%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2340.89	Average	40.84	-3.18	37.66	54.00	-16.34
2341.48	Peak	51.55	-3.18	48.37	74.00	-25.63
2452.00	Average	90.82	-3.45	87.37	-	-
2452.00	Peak	98.55	-3.45	95.10	-	-
2483.50	Average	50.70	-3.37	47.33	54.00	-6.67
2486.86	Peak	60.10	-3.37	56.73	74.00	-17.27

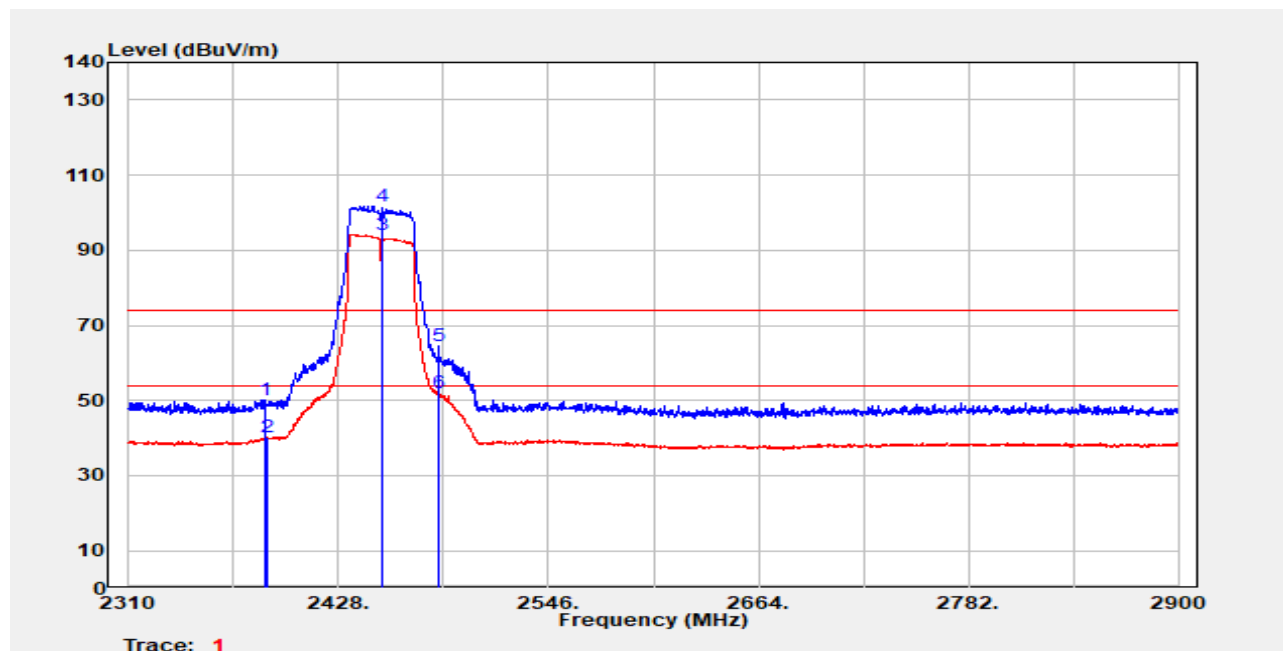
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Report Number :TERF2411003818E2
Operation Mode :802.11n40
Test Frequency :2452 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-26
Temp./Humi. :20.5°C/66%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2386.53	Peak	53.26	-3.16	50.10	74.00	-23.90
2388.30	Average	43.21	-3.14	40.07	54.00	-13.93
2452.00	Average	97.69	-3.45	94.24	-	-
2452.00	Peak	105.28	-3.45	101.83	-	-
2484.11	Peak	67.85	-3.37	64.48	74.00	-9.52
2484.50	Average	55.42	-3.37	52.05	54.00	-1.95

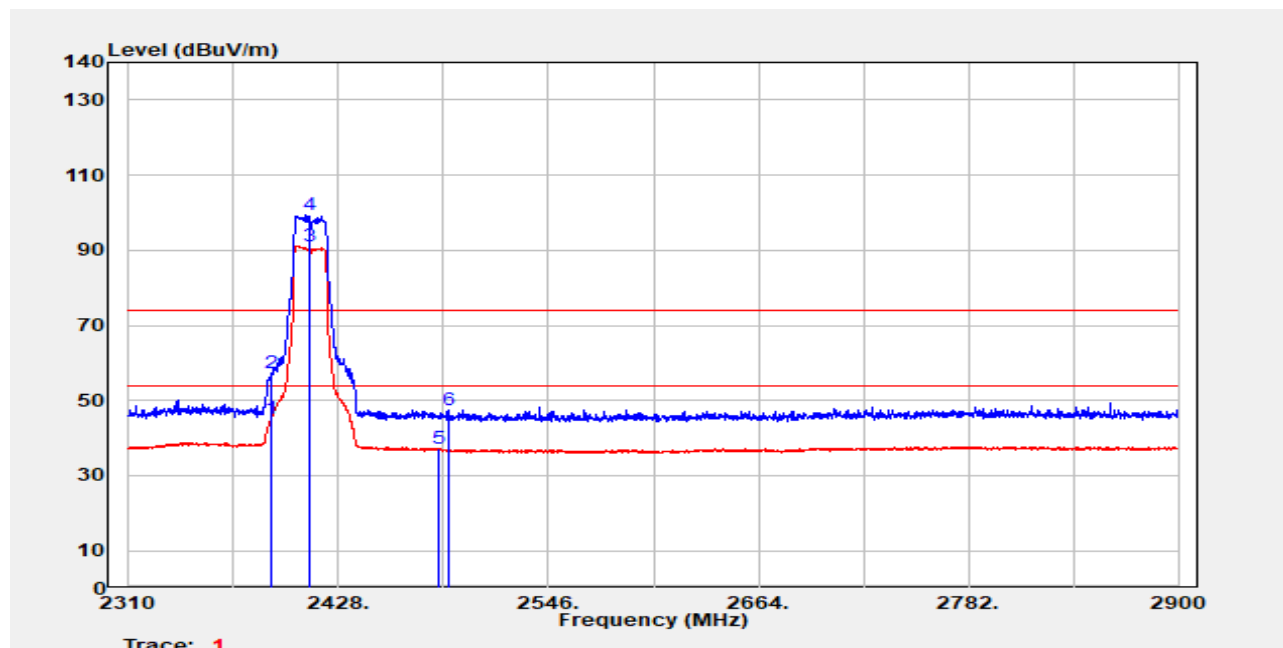
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Report Number :TERF2411003818E2
Operation Mode :802.11ax20 RU Full
Test Frequency :2412 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-26
Temp./Humi. :20.5°C/66%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2389.87	Average	48.08	-3.12	44.96	54.00	-9.04
2389.87	Peak	60.33	-3.12	57.21	74.00	-16.79
2412.00	Average	94.44	-3.30	91.14	-	-
2412.00	Peak	102.60	-3.30	99.30	-	-
2484.50	Average	40.49	-3.37	37.12	54.00	-16.88
2490.21	Peak	50.80	-3.38	47.42	74.00	-26.58

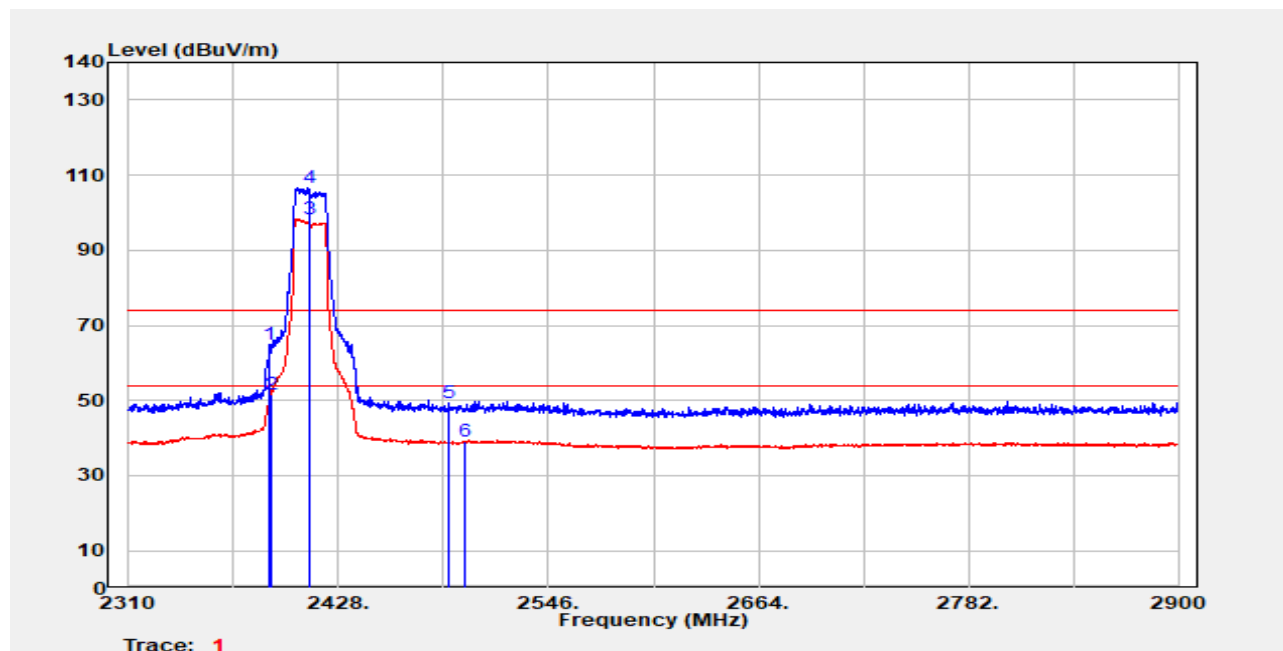
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Report Number :TERF2411003818E2
Operation Mode :802.11ax20 RU Full
Test Frequency :2412 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-26
Temp./Humi. :20.5°C/66%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2389.48	Peak	67.89	-3.13	64.76	74.00	-9.24
2389.87	Average	54.89	-3.12	51.77	54.00	-2.23
2412.00	Average	101.71	-3.30	98.41	-	-
2412.00	Peak	110.07	-3.30	106.77	-	-
2490.01	Peak	52.59	-3.38	49.21	74.00	-24.79
2498.86	Average	42.42	-3.38	39.04	54.00	-14.96

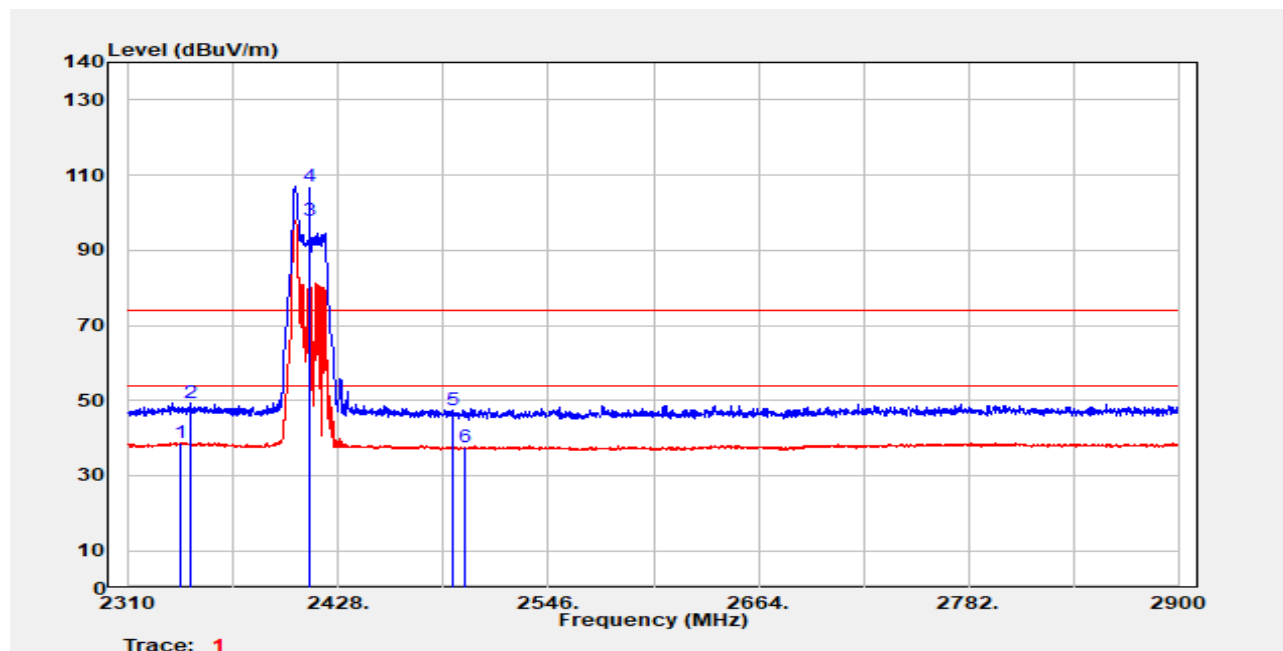
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Report Number :TERF2411003818E2
Operation Mode :802.11ax20 RU 26/0
Test Frequency :2412 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2338.92	Average	41.94	-3.18	38.76	54.00	-15.24
2344.82	Peak	52.51	-3.18	49.33	74.00	-24.67
2412.00	Average	101.30	-3.30	98.00	-	-
2412.00	Peak	110.21	-3.30	106.91	-	-
2491.78	Peak	50.89	-3.38	47.51	74.00	-26.49
2498.67	Average	41.10	-3.38	37.72	54.00	-16.28

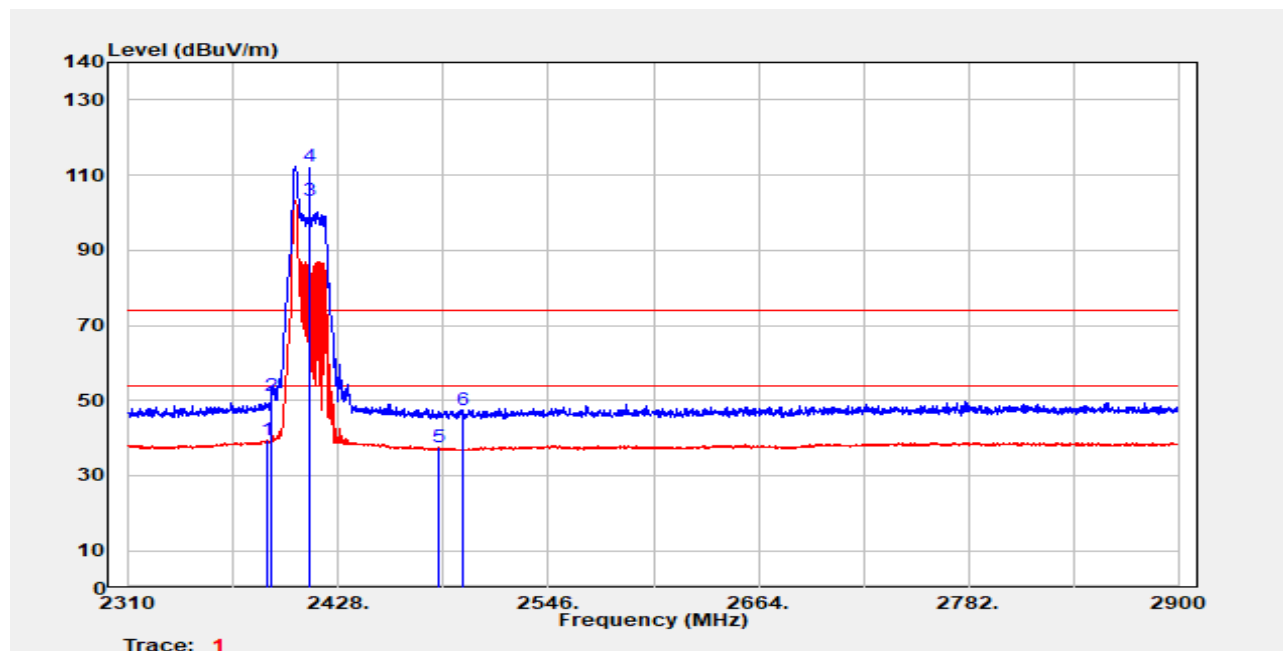
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Report Number :TERF2411003818E2
Operation Mode :802.11ax20 RU 26/0
Test Frequency :2412 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2387.51	Average	42.60	-3.14	39.46	54.00	-14.54
2389.87	Peak	54.27	-3.12	51.15	74.00	-22.85
2412.00	Average	106.58	-3.30	103.28	-	-
2412.00	Peak	115.59	-3.30	112.29	-	-
2483.72	Average	40.77	-3.37	37.40	54.00	-16.60
2497.68	Peak	50.90	-3.38	47.52	74.00	-26.48

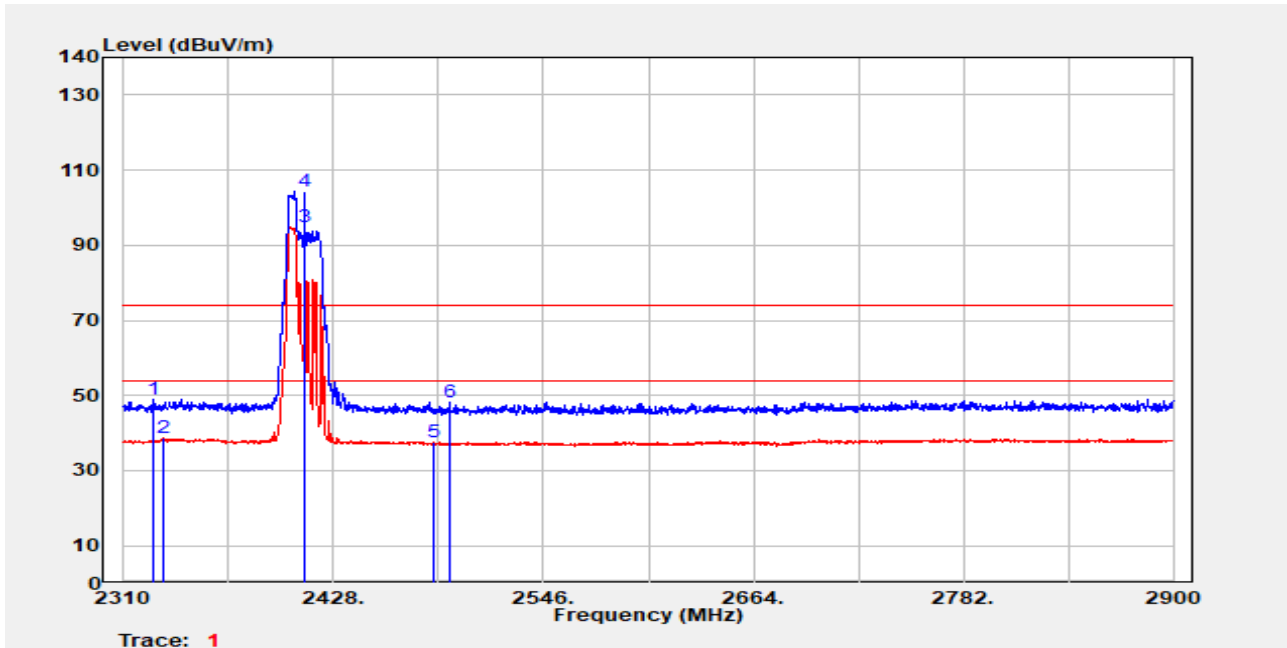
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Report Number :TERF2411003818E2
Operation Mode :802.11ax20 RU 52/37
Test Frequency :2412 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2327.12	Peak	51.97	-3.20	48.77	74.00	-25.23
2332.43	Average	41.77	-3.19	38.58	54.00	-15.42
2412.00	Average	97.99	-3.30	94.69	-	-
2412.00	Peak	107.53	-3.30	104.23	-	-
2483.91	Average	40.87	-3.37	37.50	54.00	-16.50
2493.16	Peak	51.62	-3.38	48.24	74.00	-25.76

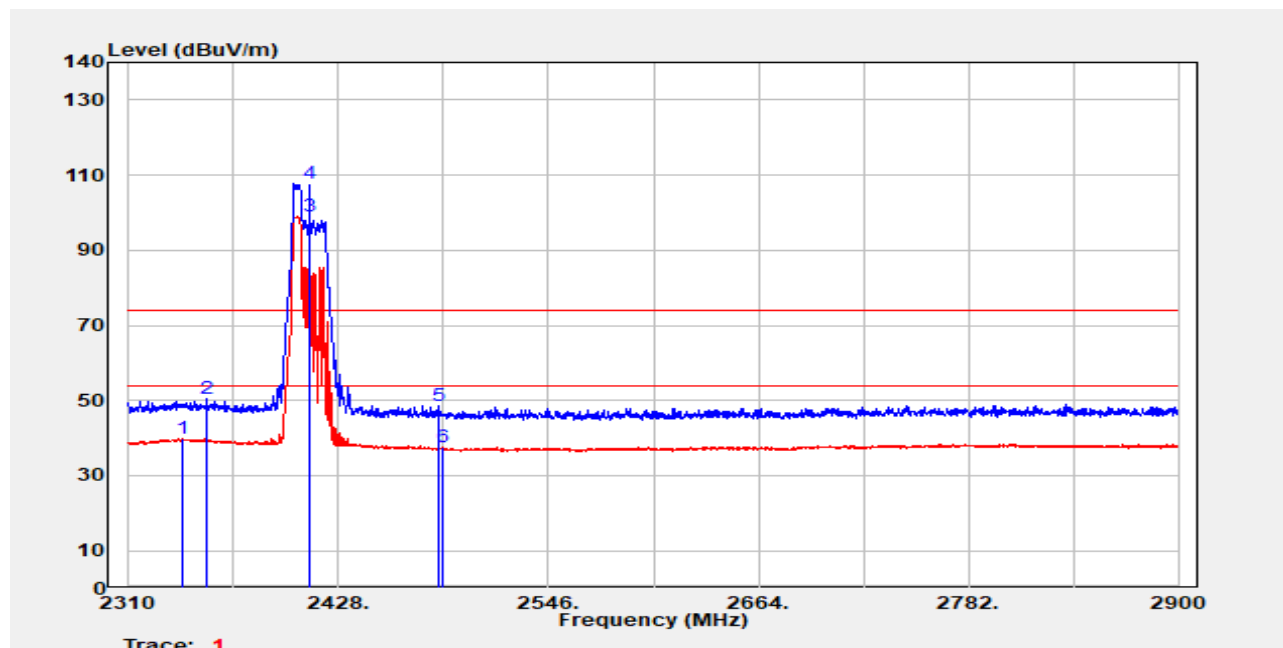
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Report Number :TERF2411003818E2
Operation Mode :802.11ax20 RU 52/37
Test Frequency :2412 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2340.10	Average	42.90	-3.18	39.72	54.00	-14.28
2353.68	Peak	53.56	-3.17	50.39	74.00	-23.61
2412.00	Average	102.14	-3.30	98.84	-	-
2412.00	Peak	111.05	-3.30	107.75	-	-
2484.11	Peak	51.76	-3.37	48.39	74.00	-25.61
2486.08	Average	40.75	-3.37	37.38	54.00	-16.62

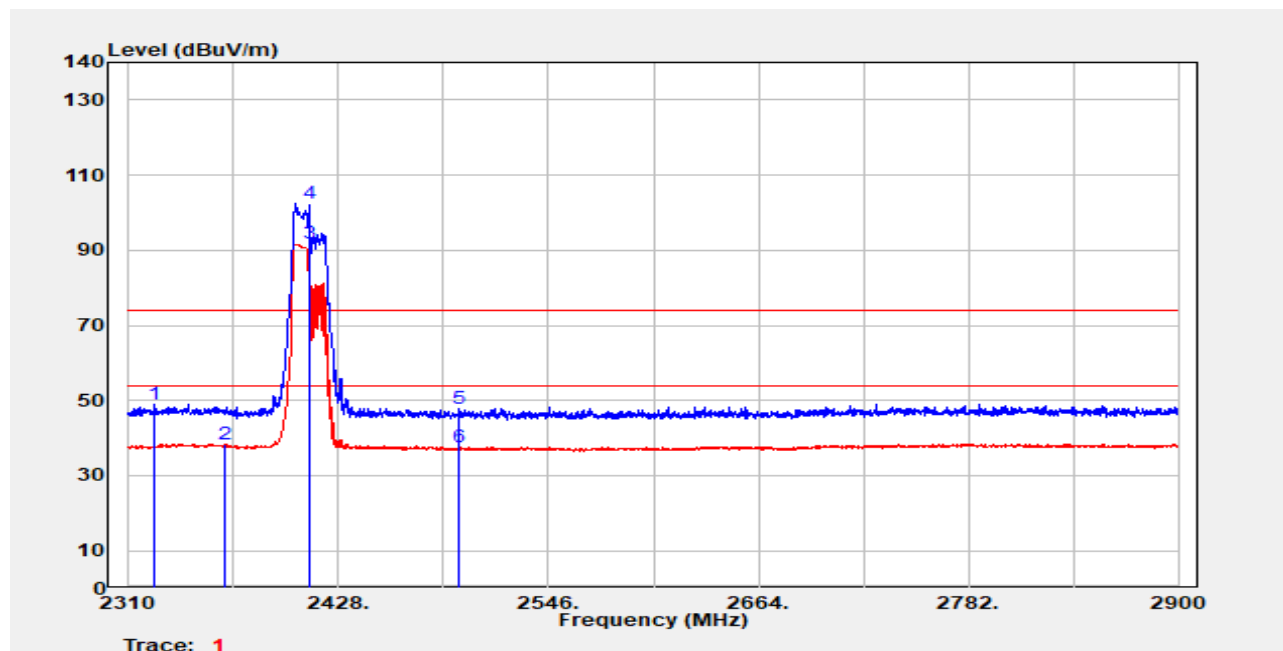
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Report Number :TERF2411003818E2
Operation Mode :802.11ax20 RU 106/53
Test Frequency :2412 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2324.17	Peak	52.25	-3.20	49.05	74.00	-24.95
2364.30	Average	41.55	-3.20	38.35	54.00	-15.65
2412.00	Average	94.93	-3.30	91.63	-	-
2412.00	Peak	105.81	-3.30	102.51	-	-
2495.32	Peak	51.12	-3.37	47.75	74.00	-26.25
2496.11	Average	40.96	-3.37	37.59	54.00	-16.41

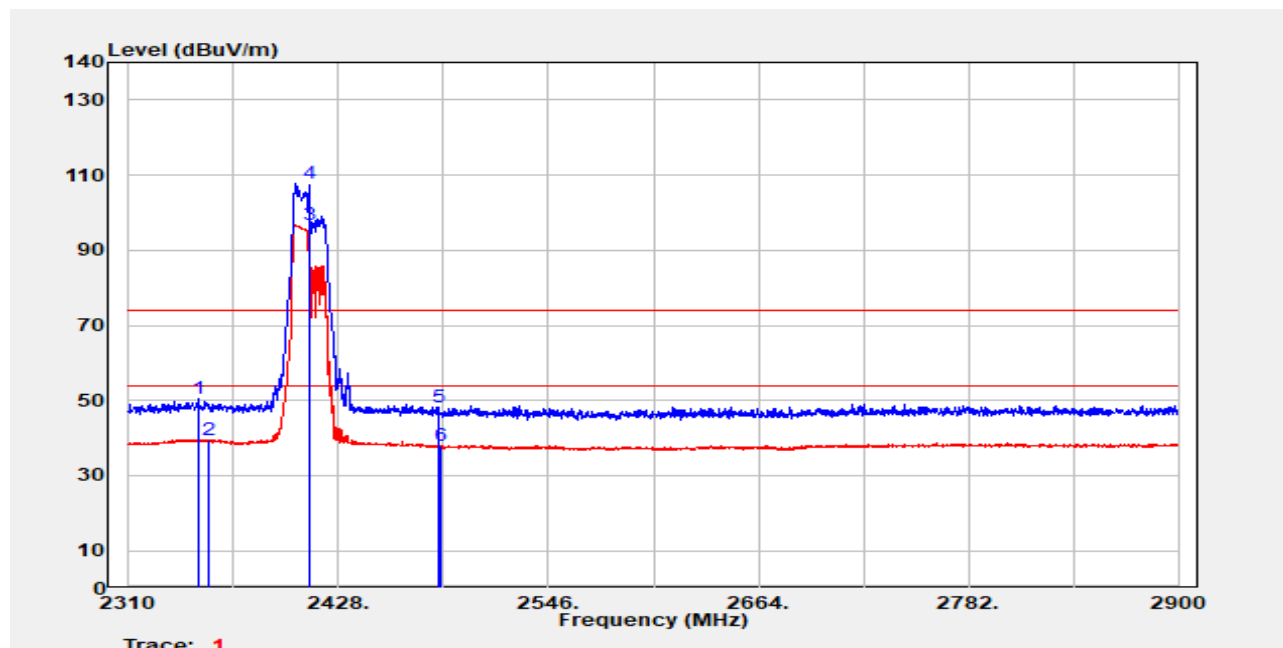
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Report Number :TERF2411003818E2
Operation Mode :802.11ax20 RU 106/53
Test Frequency :2412 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2349.54	Peak	53.45	-3.17	50.28	74.00	-23.72
2355.45	Average	42.80	-3.16	39.64	54.00	-14.36
2412.00	Average	99.95	-3.30	96.65	-	-
2412.00	Peak	110.99	-3.30	107.69	-	-
2483.72	Peak	51.64	-3.37	48.27	74.00	-25.73
2484.90	Average	41.44	-3.37	38.07	54.00	-15.93

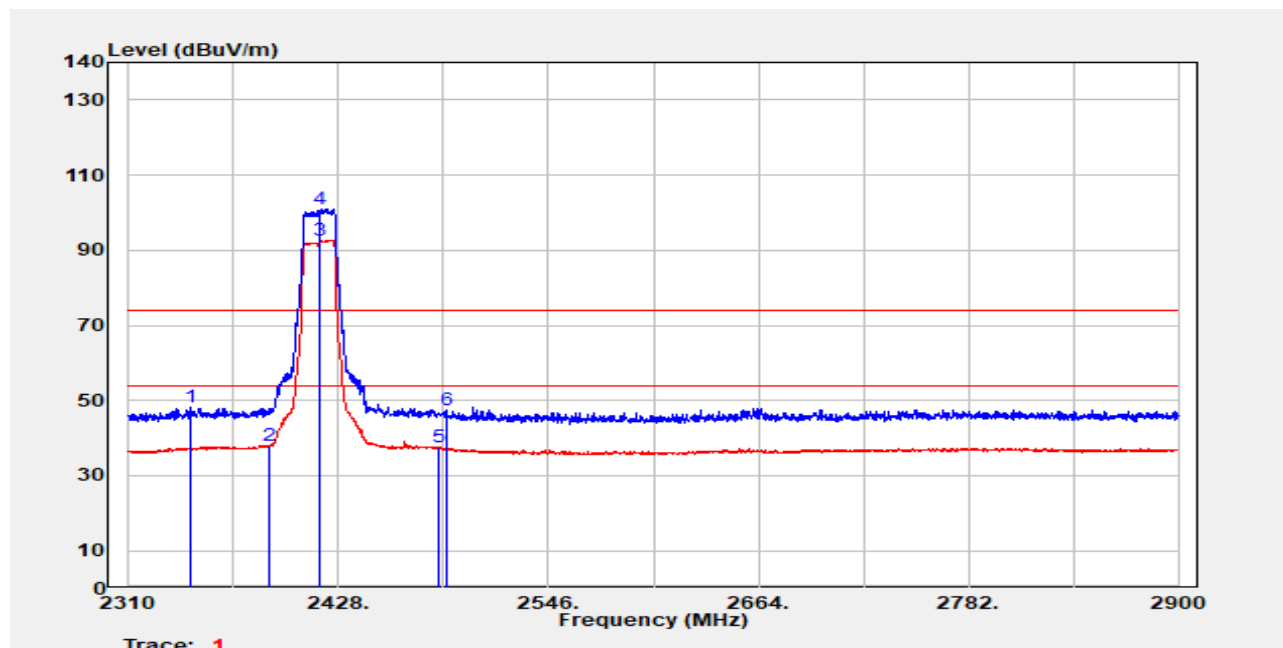
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Report Number :TERF2411003818E2
 Operation Mode :802.11ax20 RU Full
 Test Frequency :2417 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G Chamber
 Test Date :2025-01-03
 Temp./Humi. :21.1°C/53%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2344.63	Peak	51.19	-3.18	48.01	74.00	-25.99
2388.50	Average	41.13	-3.14	37.99	54.00	-16.01
2417.00	Average	95.98	-3.26	92.72	-	-
2417.00	Peak	104.27	-3.26	101.01	-	-
2484.11	Average	40.90	-3.37	37.53	54.00	-16.47
2488.24	Peak	50.84	-3.37	47.47	74.00	-26.53

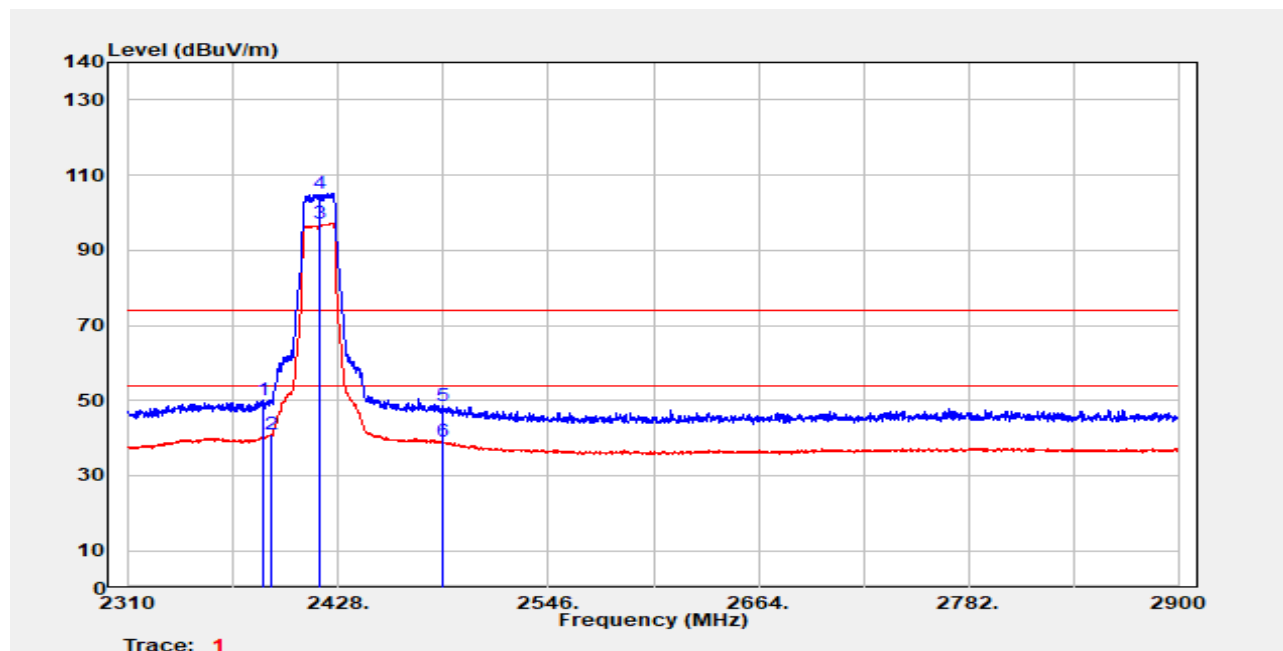
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Report Number :TERF2411003818E2
Operation Mode :802.11ax20 RU Full
Test Frequency :2417 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2025-01-03
Temp./Humi. :21.1°C/53%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2385.15	Peak	53.25	-3.18	50.07	74.00	-23.93
2389.68	Average	43.97	-3.12	40.85	54.00	-13.15
2417.00	Average	100.55	-3.26	97.29	-	-
2417.00	Peak	108.51	-3.26	105.25	-	-
2486.47	Peak	51.93	-3.37	48.56	74.00	-25.44
2486.67	Average	42.56	-3.37	39.19	54.00	-14.81

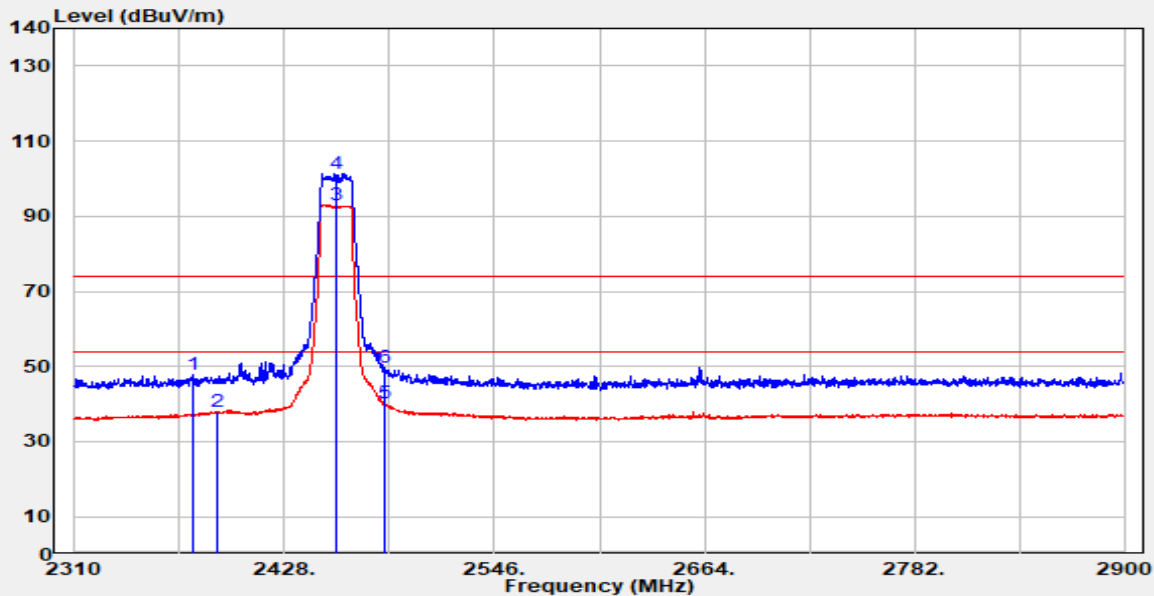
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Report Number :TERF2411003818E2
 Operation Mode :802.11ax20 RU Full
 Test Frequency :2457 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G Chamber
 Test Date :2025-01-03
 Temp./Humi. :21.1°C/53%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



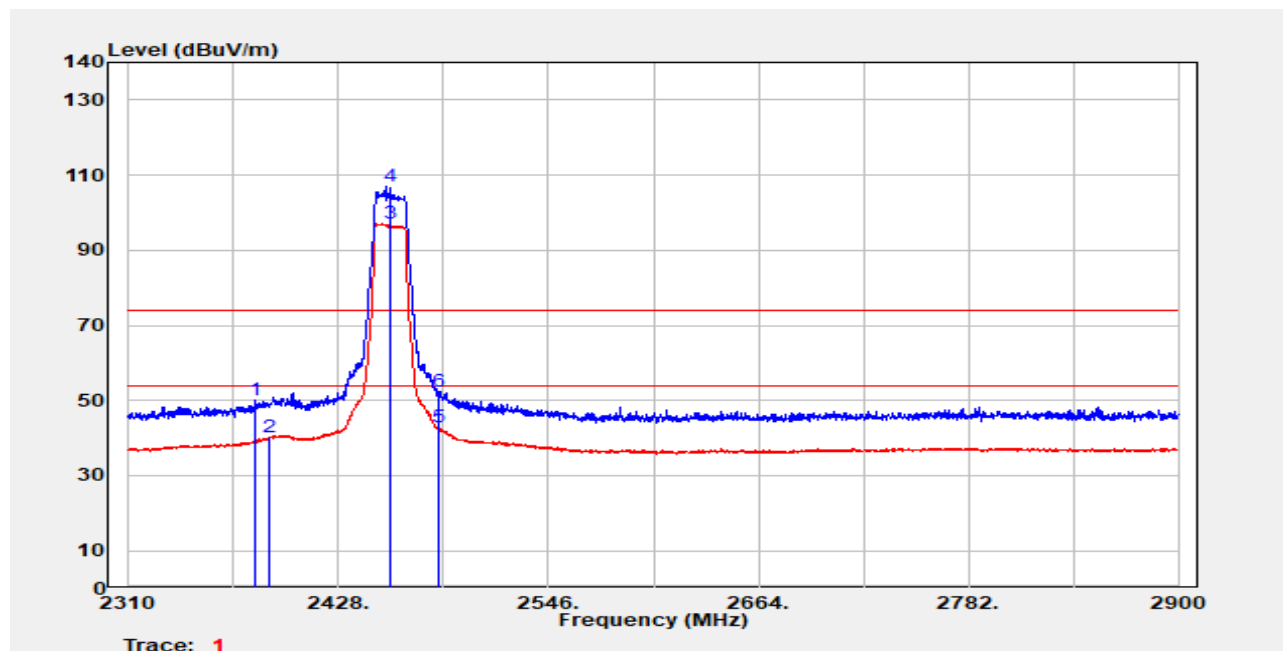
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2376.69	Peak	50.97	-3.24	47.73	74.00	-26.27
2389.68	Average	40.95	-3.12	37.83	54.00	-16.17
2457.00	Average	96.55	-3.45	93.10	-	-
2457.00	Peak	104.89	-3.45	101.44	-	-
2484.31	Average	43.41	-3.37	40.04	54.00	-13.96
2484.31	Peak	53.00	-3.37	49.63	74.00	-24.37

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Report Number :TERF2411003818E2
Operation Mode :802.11ax20 RU Full
Test Frequency :2457 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2025-01-03
Temp./Humi. :21.1°C/53%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2380.82	Peak	53.13	-3.22	49.91	74.00	-24.09
2389.28	Average	43.31	-3.13	40.18	54.00	-13.82
2457.00	Average	100.54	-3.45	97.09	-	-
2457.00	Peak	110.36	-3.45	106.91	-	-
2483.72	Average	46.21	-3.37	42.84	54.00	-11.16
2484.11	Peak	55.85	-3.37	52.48	74.00	-21.52

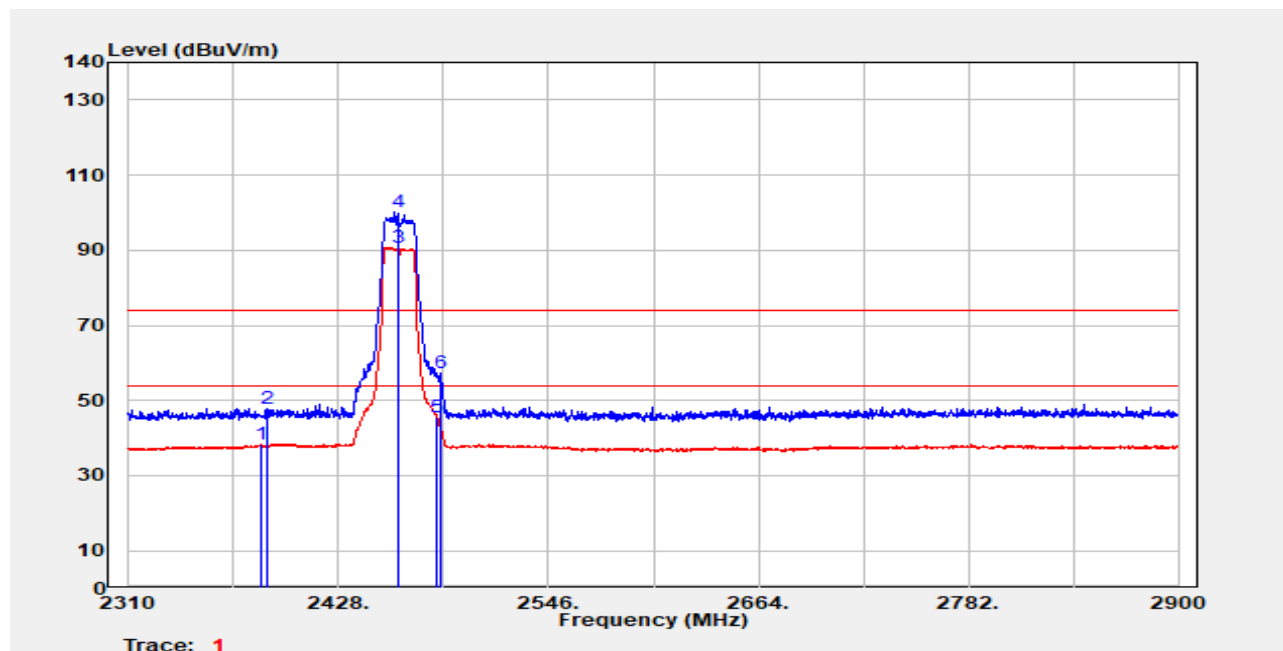
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Report Number :TERF2411003818E2
Operation Mode :802.11ax20 RU Full
Test Frequency :2462 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-26
Temp./Humi. :20.5°C/66%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2384.56	Average	41.46	-3.18	38.28	54.00	-15.72
2388.10	Peak	50.97	-3.14	47.83	74.00	-26.17
2462.00	Average	94.13	-3.45	90.68	-	-
2462.00	Peak	103.62	-3.45	100.17	-	-
2483.50	Average	48.77	-3.37	45.40	54.00	-8.60
2484.90	Peak	60.71	-3.37	57.34	74.00	-16.66

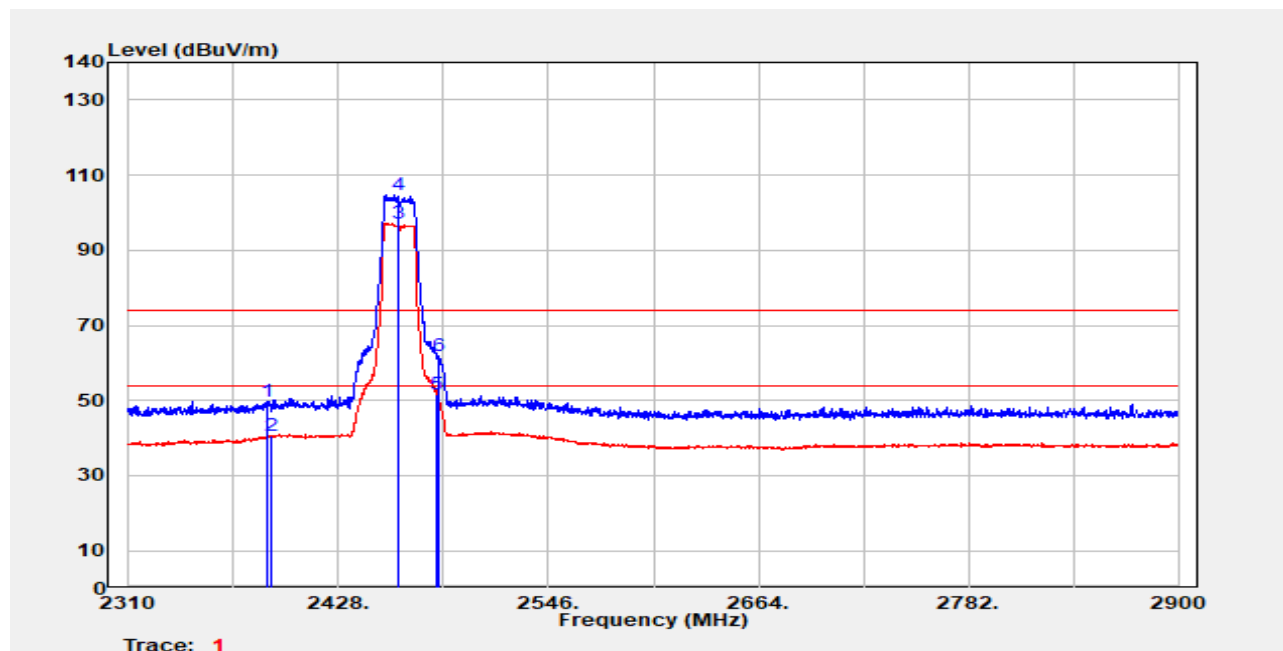
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Report Number :TERF2411003818E2
Operation Mode :802.11ax20 RU Full
Test Frequency :2462 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-26
Temp./Humi. :20.5°C/66%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2387.71	Peak	52.97	-3.14	49.83	74.00	-24.17
2389.87	Average	43.59	-3.12	40.47	54.00	-13.53
2462.00	Average	100.64	-3.45	97.19	-	-
2462.00	Peak	108.13	-3.45	104.68	-	-
2483.50	Average	54.85	-3.37	51.48	54.00	-2.52
2484.11	Peak	65.28	-3.37	61.91	74.00	-12.09

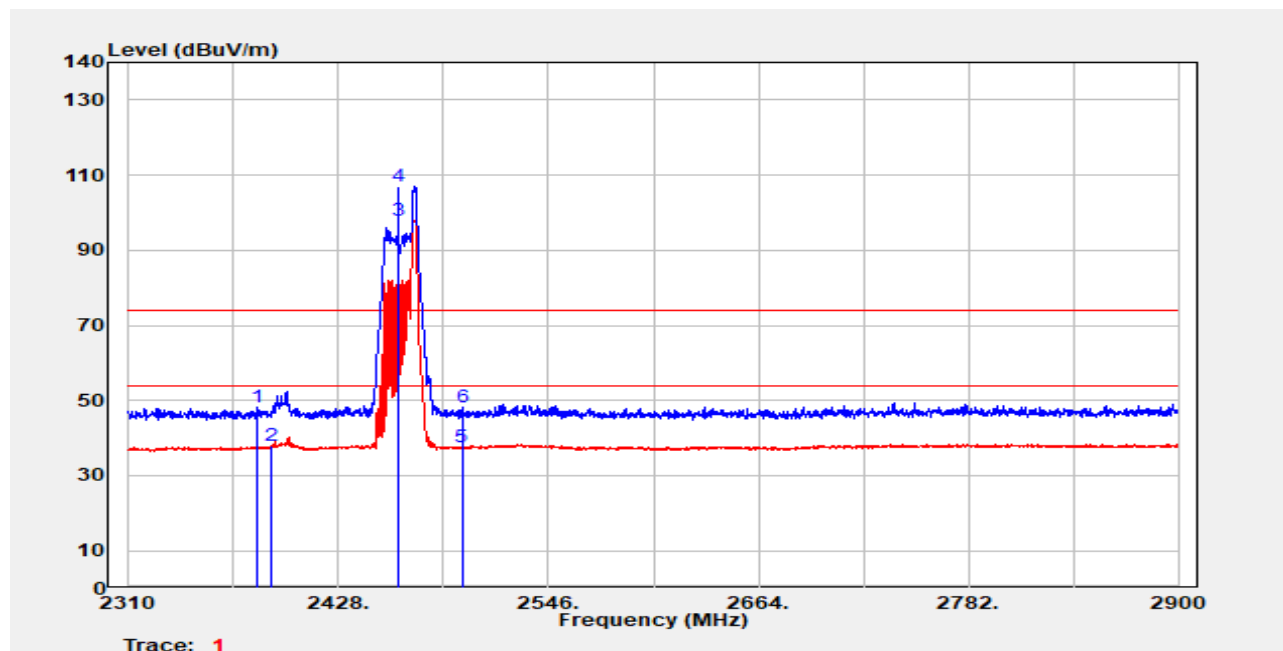
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Report Number :TERF2411003818E2
Operation Mode :802.11ax20 RU 26/8
Test Frequency :2462 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2382.40	Peak	51.39	-3.21	48.18	74.00	-25.82
2389.87	Average	41.02	-3.12	37.90	54.00	-16.10
2462.00	Average	101.41	-3.45	97.96	-	-
2462.00	Peak	110.37	-3.45	106.92	-	-
2497.29	Average	41.13	-3.38	37.75	54.00	-16.25
2498.08	Peak	51.67	-3.38	48.29	74.00	-25.71

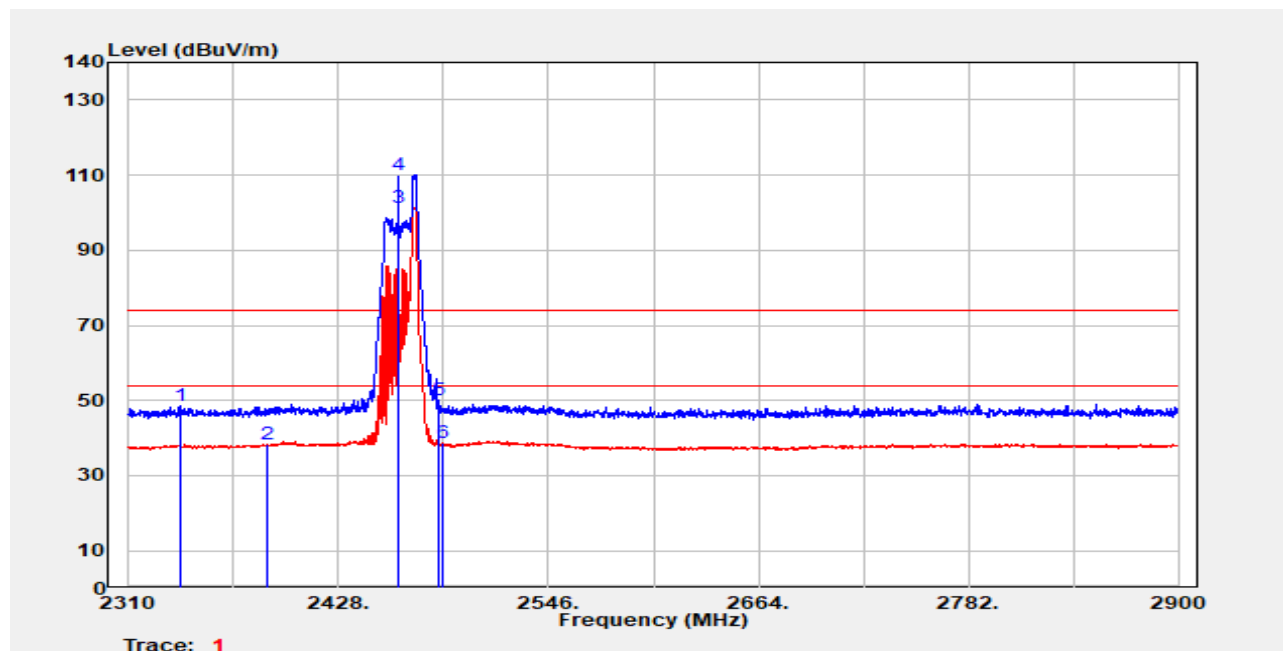
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Report Number :TERF2411003818E2
Operation Mode :802.11ax20 RU 26/8
Test Frequency :2462 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2338.53	Peak	51.66	-3.19	48.47	74.00	-25.53
2387.51	Average	41.36	-3.14	38.22	54.00	-15.78
2462.00	Average	104.71	-3.45	101.26	-	-
2462.00	Peak	113.56	-3.45	110.11	-	-
2483.91	Peak	53.40	-3.37	50.03	74.00	-23.97
2486.47	Average	41.90	-3.37	38.53	54.00	-15.47

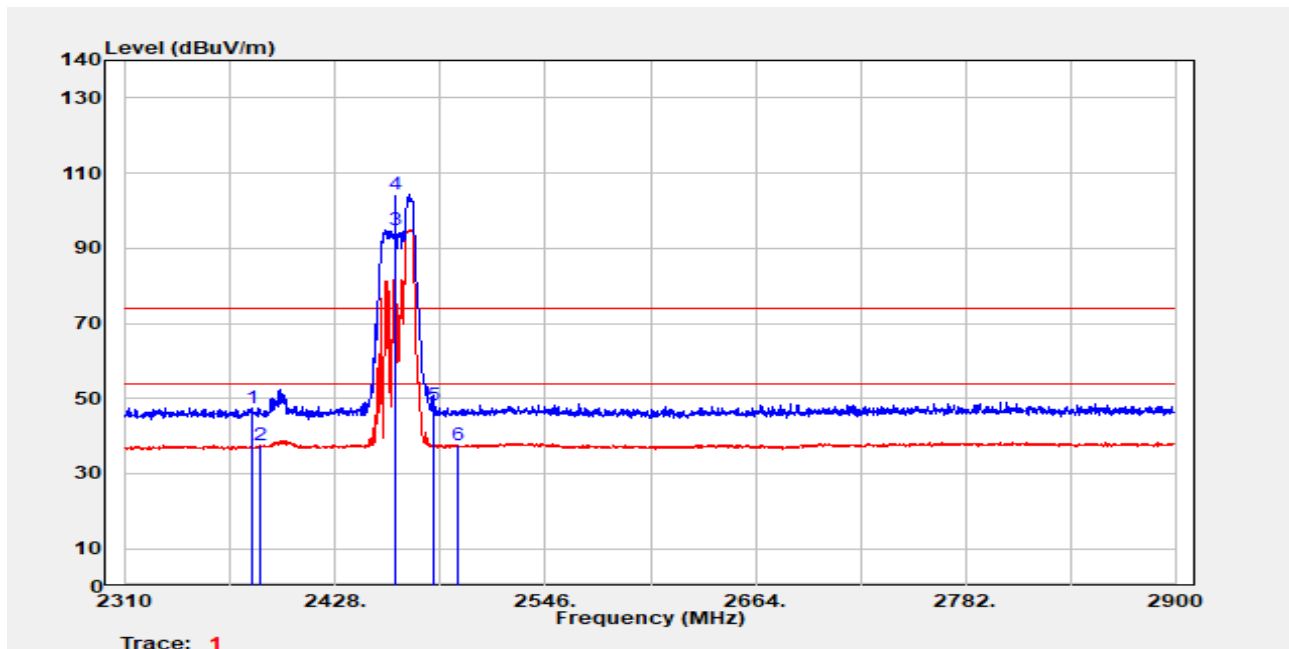
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Report Number :TERF2411003818E2
Operation Mode :802.11ax20 RU 52/40
Test Frequency :2462 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Vertical
Engineer :Temo Chen



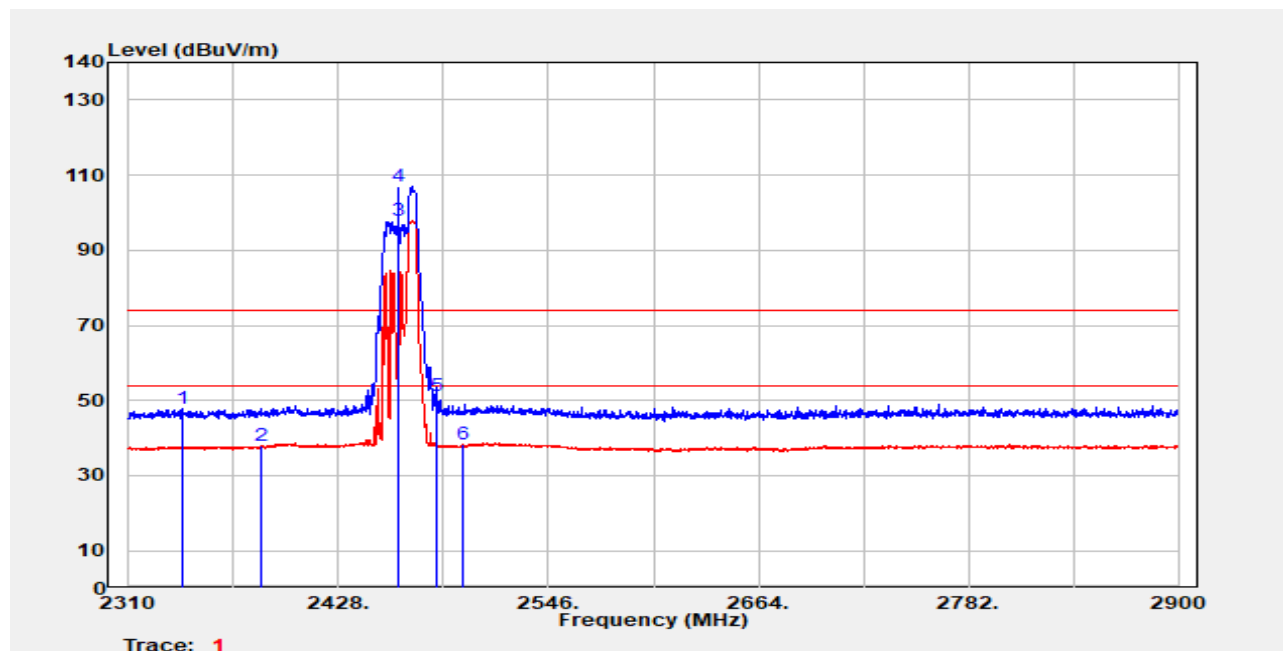
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2380.63	Peak	50.77	-3.22	47.55	74.00	-26.45
2385.35	Average	40.65	-3.18	37.47	54.00	-16.53
2462.00	Average	98.37	-3.45	94.92	-	-
2462.00	Peak	107.73	-3.45	104.28	-	-
2483.50	Peak	51.53	-3.37	48.16	74.00	-25.84
2496.90	Average	40.95	-3.38	37.57	54.00	-16.43

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Report Number :TERF2411003818E2
Operation Mode :802.11ax20 RU 52/40
Test Frequency :2462 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2340.30	Peak	50.91	-3.18	47.73	74.00	-26.27
2383.97	Average	41.18	-3.19	37.99	54.00	-16.01
2462.00	Average	101.17	-3.45	97.72	-	-
2462.00	Peak	110.40	-3.45	106.95	-	-
2483.50	Peak	54.44	-3.37	51.07	74.00	-22.93
2497.88	Average	41.54	-3.38	38.16	54.00	-15.84

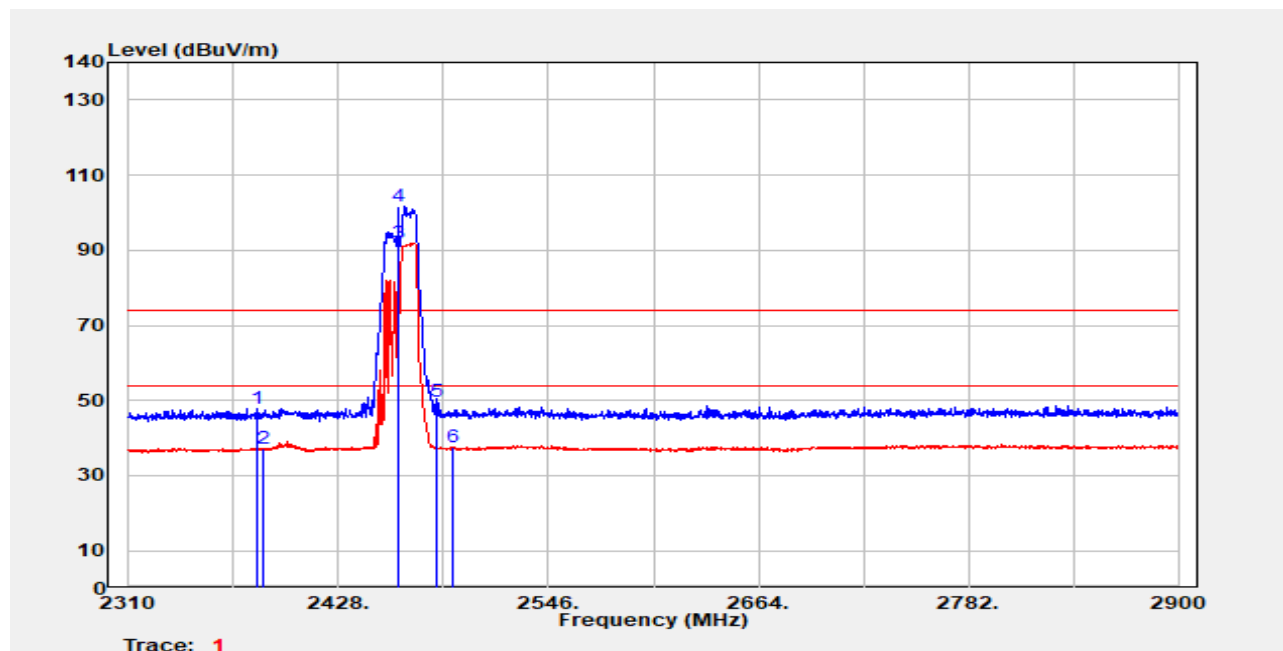
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Report Number :TERF2411003818E2
Operation Mode :802.11ax20 RU 106/54
Test Frequency :2462 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2381.81	Peak	50.99	-3.21	47.78	74.00	-26.22
2385.74	Average	40.45	-3.17	37.28	54.00	-16.72
2462.00	Average	95.32	-3.45	91.87	-	-
2462.00	Peak	105.32	-3.45	101.87	-	-
2483.50	Peak	53.01	-3.37	49.64	74.00	-24.36
2492.17	Average	40.96	-3.38	37.58	54.00	-16.42

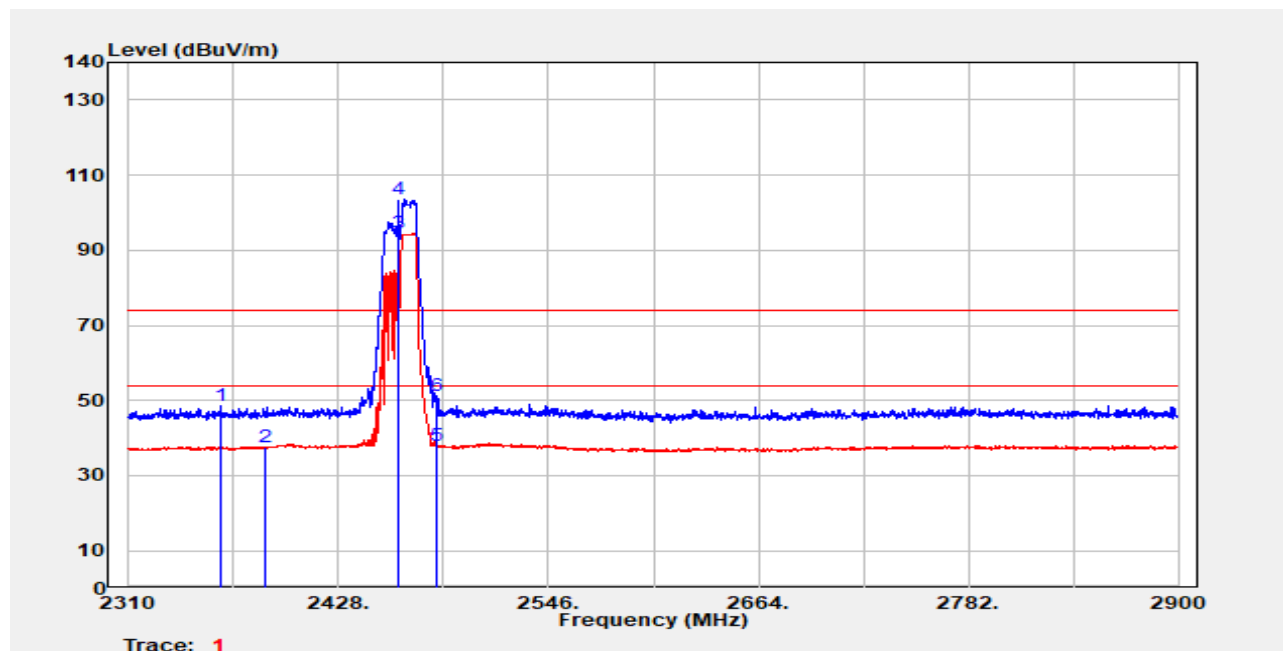
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Report Number :TERF2411003818E2
Operation Mode :802.11ax20 RU 106/54
Test Frequency :2462 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2361.54	Peak	51.55	-3.17	48.38	74.00	-25.62
2387.12	Average	40.85	-3.15	37.70	54.00	-16.30
2462.00	Average	97.80	-3.45	94.35	-	-
2462.00	Peak	106.85	-3.45	103.40	-	-
2483.50	Average	41.40	-3.37	38.03	54.00	-15.97
2483.50	Peak	54.58	-3.37	51.21	74.00	-22.79

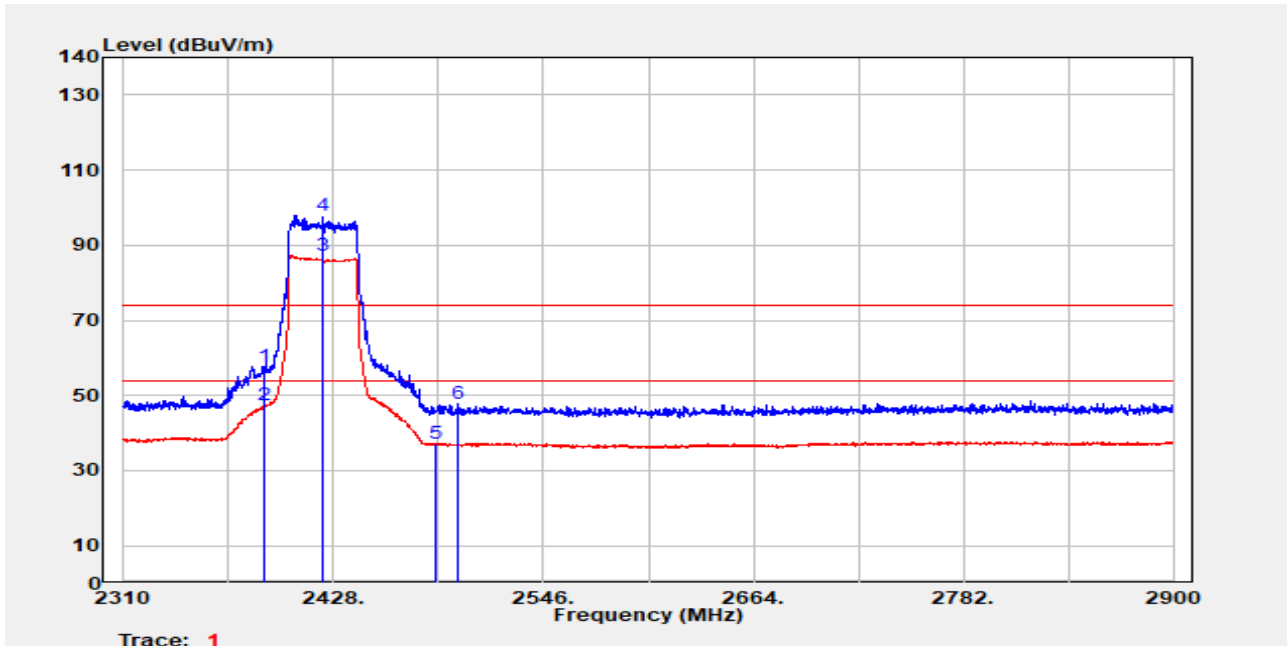
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Report Number :TERF2411003818E2
Operation Mode :802.11ax40 RU Full
Test Frequency :2422 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-26
Temp./Humi. :20.5°C/66%
Antenna Pol. :Vertical
Engineer :Temo Chen



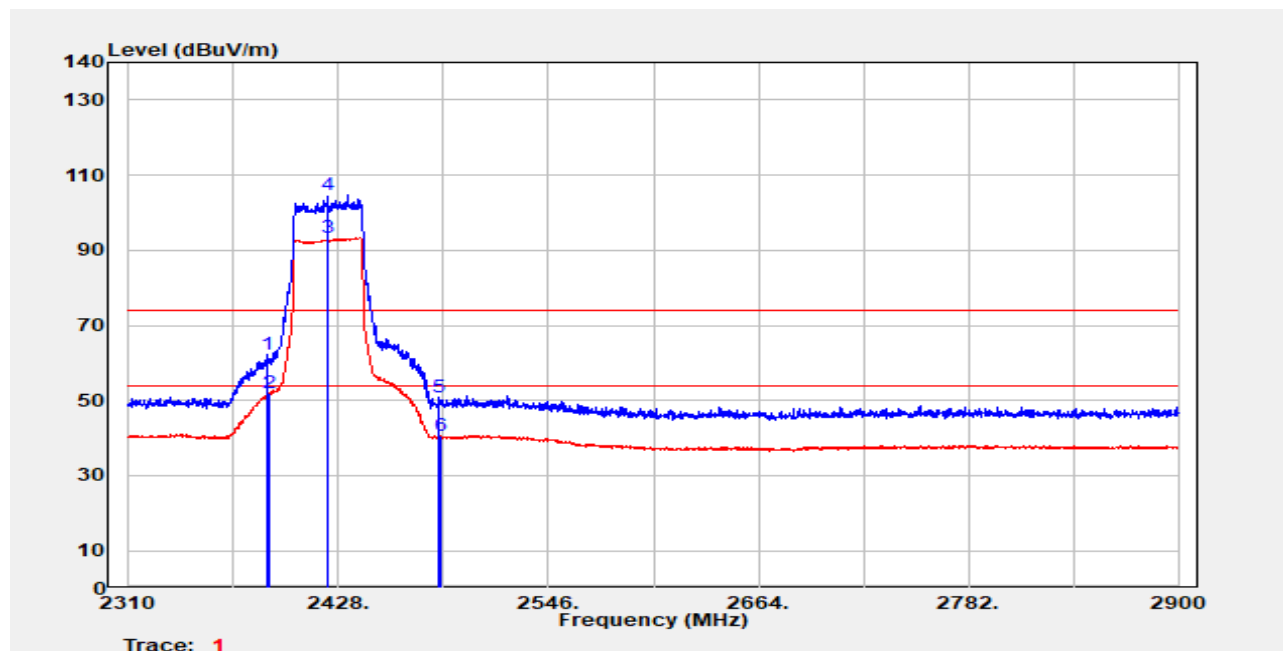
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2388.50	Peak	60.96	-3.14	57.82	74.00	-16.18
2388.69	Average	50.37	-3.13	47.24	54.00	-6.76
2422.00	Average	90.51	-3.22	87.29	-	-
2422.00	Peak	101.03	-3.22	97.81	-	-
2485.09	Average	40.66	-3.37	37.29	54.00	-16.71
2498.08	Peak	51.30	-3.38	47.92	74.00	-26.08

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Report Number :TERF2411003818E2
Operation Mode :802.11ax40 RU Full
Test Frequency :2422 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-26
Temp./Humi. :20.5°C/66%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2387.91	Peak	65.27	-3.14	62.13	74.00	-11.87
2389.48	Average	55.28	-3.13	52.15	54.00	-1.85
2422.00	Average	96.53	-3.22	93.31	-	-
2422.00	Peak	107.76	-3.22	104.54	-	-
2484.70	Peak	54.34	-3.37	50.97	74.00	-23.03
2485.49	Average	43.91	-3.37	40.54	54.00	-13.46

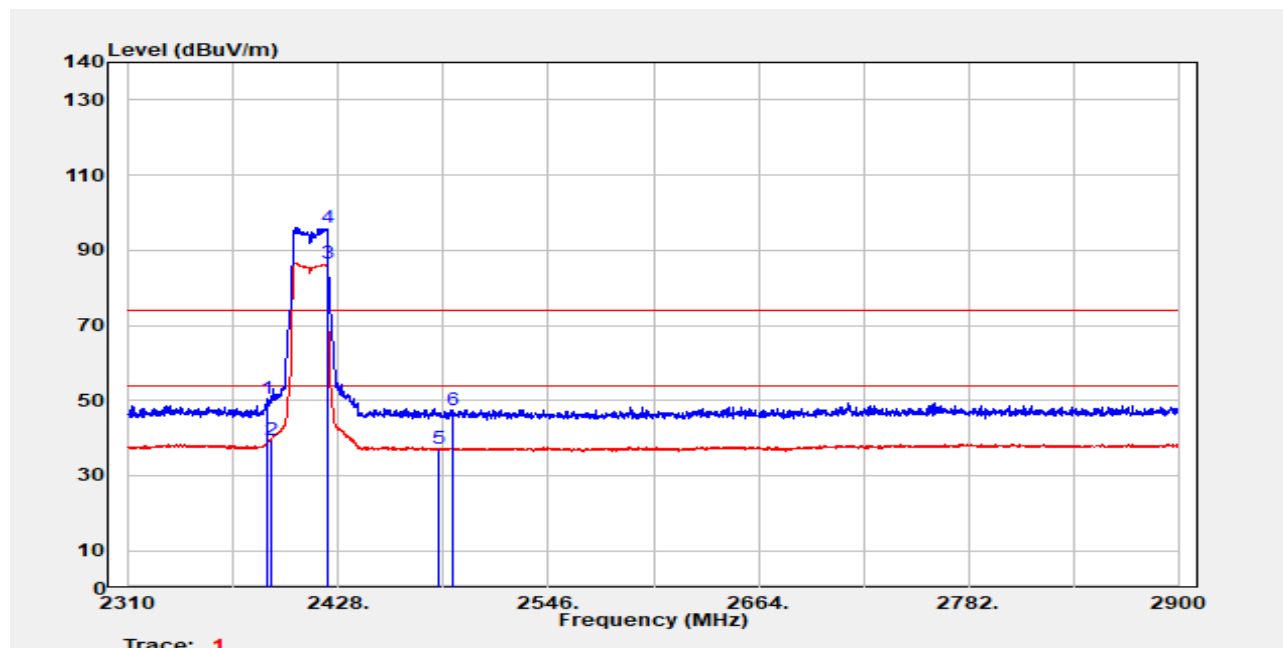
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Report Number :TERF2411003818E2
Operation Mode :802.11ax40 RU 242/61
Test Frequency :2422 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2388.30	Peak	53.75	-3.14	50.61	74.00	-23.39
2389.68	Average	42.73	-3.12	39.61	54.00	-14.39
2422.00	Average	89.73	-3.22	86.51	-	-
2422.00	Peak	99.13	-3.22	95.91	-	-
2483.72	Average	40.72	-3.37	37.35	54.00	-16.65
2492.37	Peak	50.86	-3.38	47.48	74.00	-26.52

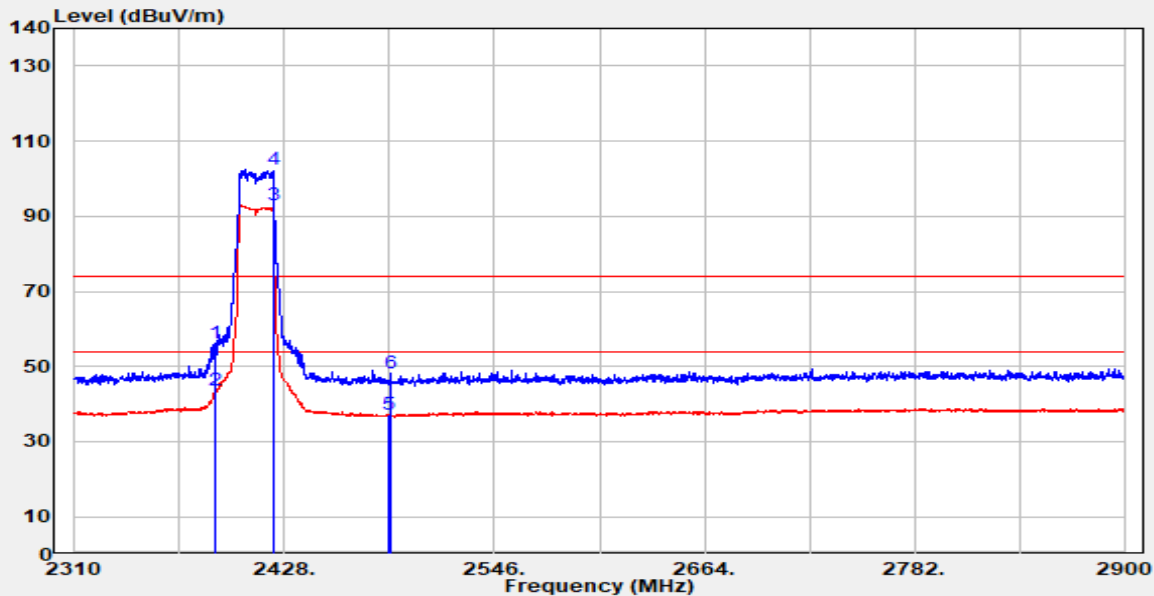
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Report Number :TERF2411003818E2
Operation Mode :802.11ax40 RU 242/61
Test Frequency :2422 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Horizontal
Engineer :Temo Chen



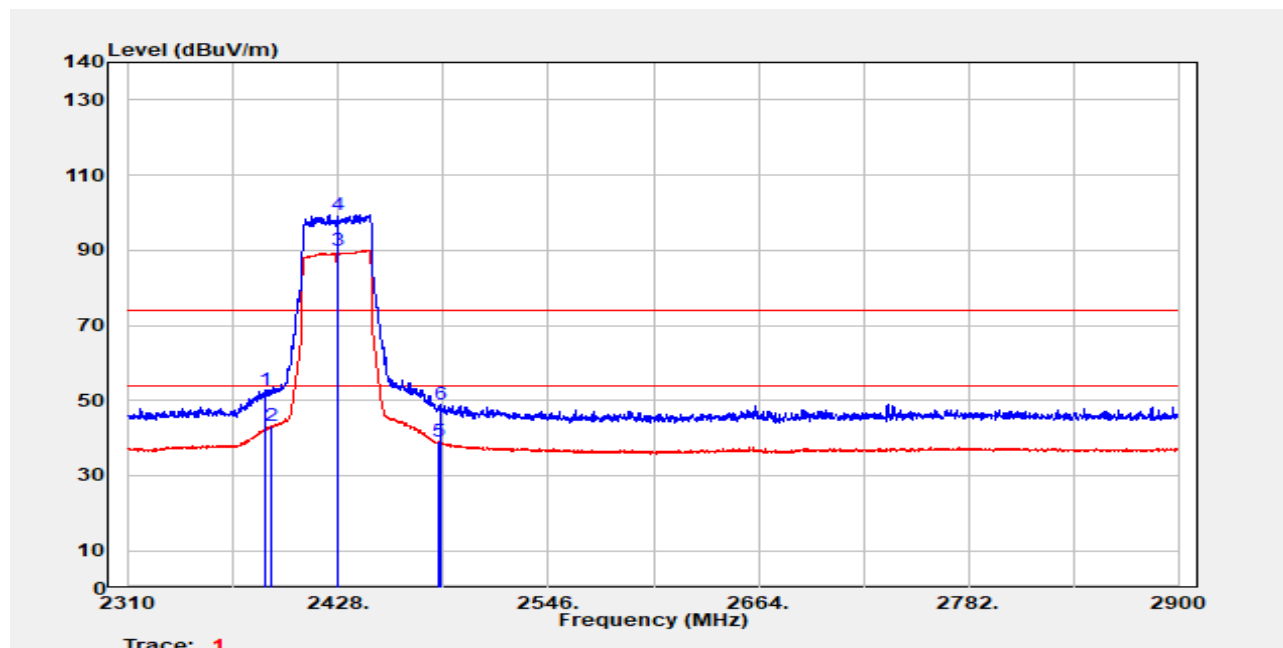
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2388.50	Peak	59.28	-3.14	56.14	74.00	-17.86
2389.48	Average	46.62	-3.13	43.49	54.00	-10.51
2422.00	Average	96.01	-3.22	92.79	-	-
2422.00	Peak	105.75	-3.22	102.53	-	-
2486.08	Average	40.53	-3.37	37.16	54.00	-16.84
2487.65	Peak	51.41	-3.37	48.04	74.00	-25.96

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Report Number :TERF2411003818E2
 Operation Mode :802.11ax40 RU Full
 Test Frequency :2427 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G Chamber
 Test Date :2025-01-03
 Temp./Humi. :21.1°C/53%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
2386.53	Peak	56.06	-3.16	52.90	74.00	-21.10
2389.87	Average	46.26	-3.12	43.14	54.00	-10.86
2427.00	Average	93.17	-3.23	89.94	-	-
2427.00	Peak	102.75	-3.23	99.52	-	-
2484.50	Average	42.28	-3.37	38.91	54.00	-15.09
2484.90	Peak	52.39	-3.37	49.02	74.00	-24.98

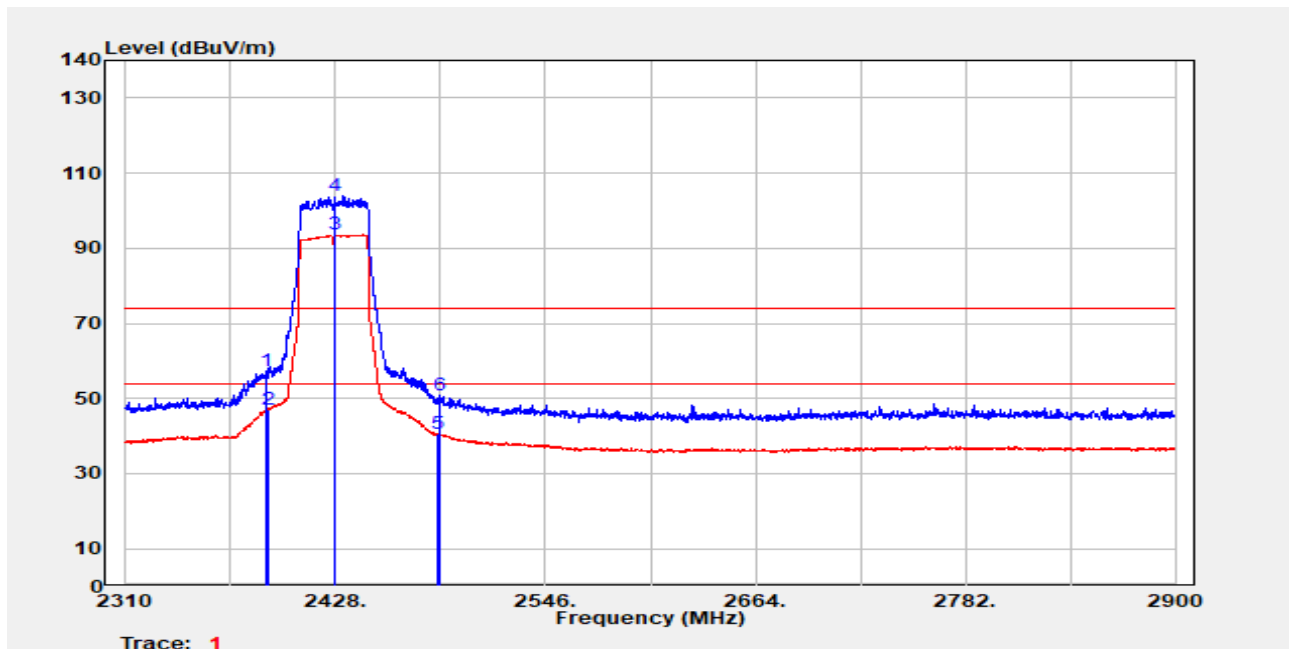
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Report Number :TERF2411003818E2
Operation Mode :802.11ax40 RU Full
Test Frequency :2427 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2025-01-03
Temp./Humi. :21.1°C/53%
Antenna Pol. :Horizontal
Engineer :Temo Chen



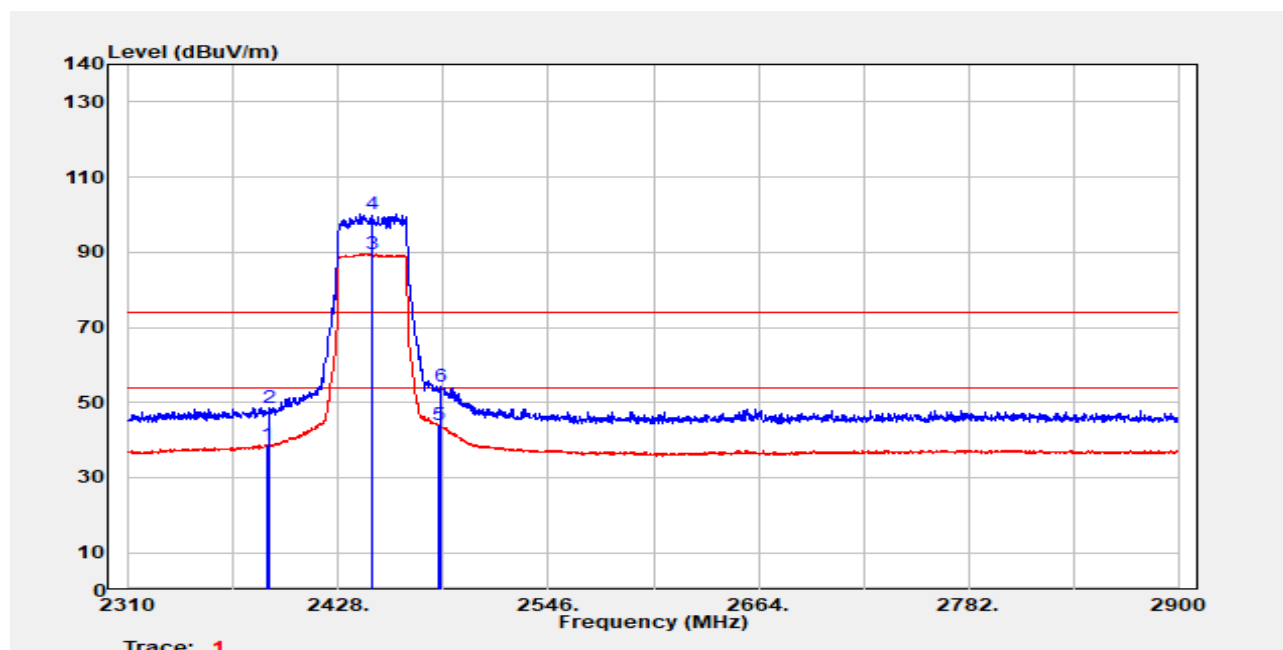
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2389.48	Peak	60.32	-3.13	57.19	74.00	-16.81
2389.87	Average	50.23	-3.12	47.11	54.00	-6.89
2427.00	Average	96.77	-3.23	93.54	-	-
2427.00	Peak	107.01	-3.23	103.78	-	-
2485.29	Average	43.93	-3.37	40.56	54.00	-13.44
2486.67	Peak	54.20	-3.37	50.83	74.00	-23.17

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Report Number :TERF2411003818E2
 Operation Mode :802.11ax40 RU Full
 Test Frequency :2447 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G Chamber
 Test Date :2025-01-03
 Temp./Humi. :21.1°C/53%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



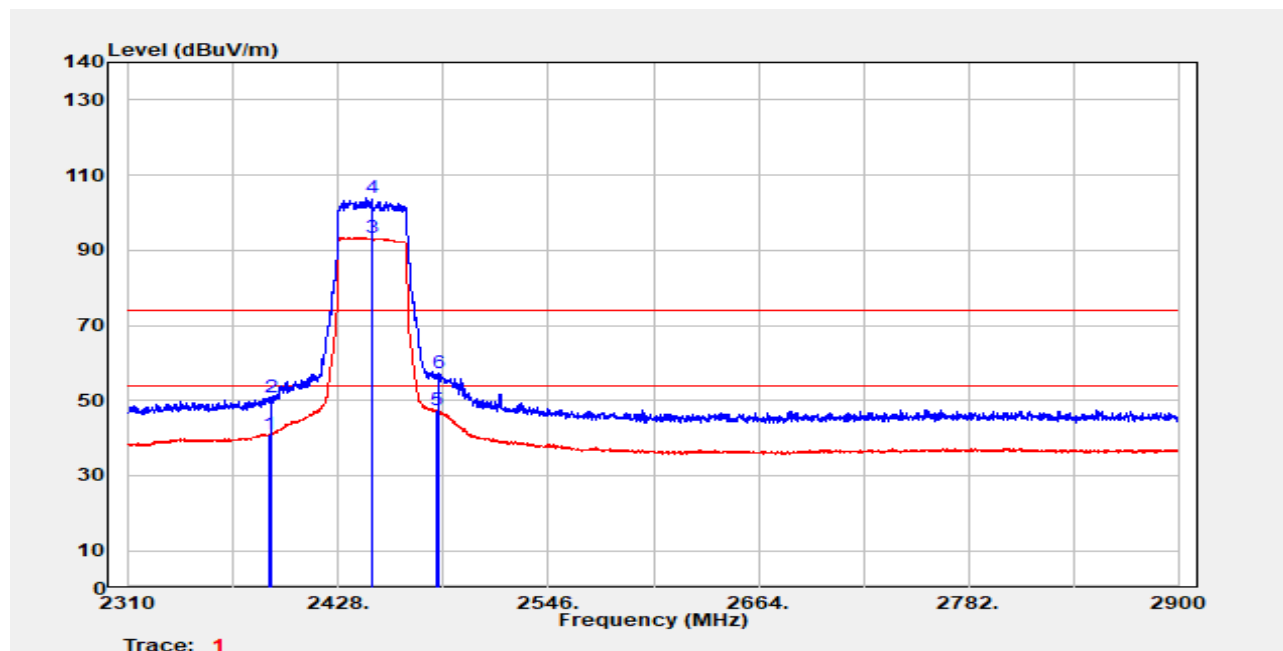
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2387.91	Average	41.86	-3.14	38.72	54.00	-15.28
2388.89	Peak	51.79	-3.13	48.66	74.00	-25.34
2447.00	Average	92.94	-3.41	89.53	-	-
2447.00	Peak	103.51	-3.41	100.10	-	-
2483.72	Average	47.44	-3.37	44.07	54.00	-9.93
2485.29	Peak	57.72	-3.37	54.35	74.00	-19.65

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Report Number :TERF2411003818E2
Operation Mode :802.11ax40 RU Full
Test Frequency :2447 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2025-01-03
Temp./Humi. :21.1°C/53%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2388.89	Average	44.23	-3.13	41.10	54.00	-12.90
2389.68	Peak	54.10	-3.12	50.98	74.00	-23.02
2447.00	Average	96.70	-3.41	93.29	-	-
2447.00	Peak	107.47	-3.41	104.06	-	-
2483.50	Average	50.98	-3.37	47.61	54.00	-6.39
2484.50	Peak	60.50	-3.37	57.13	74.00	-16.87

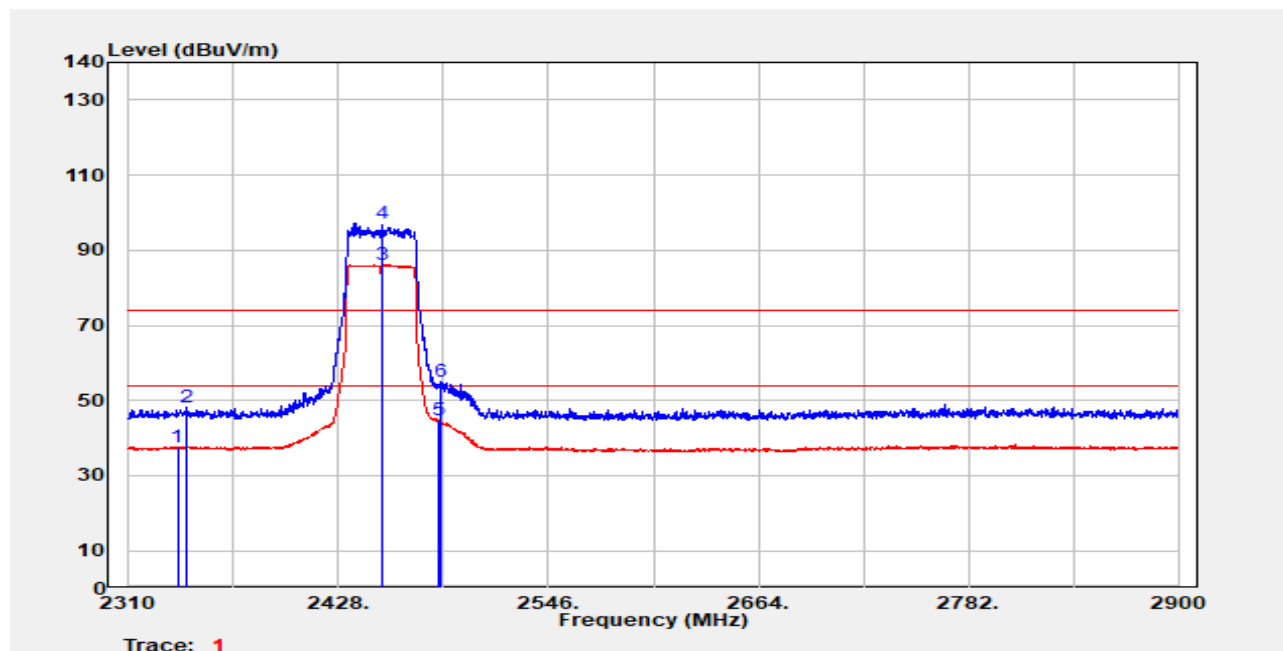
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Report Number :TERF2411003818E2
Operation Mode :802.11ax40 RU Full
Test Frequency :2452 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-26
Temp./Humi. :20.5°C/66%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2337.35	Average	40.86	-3.19	37.67	54.00	-16.33
2342.07	Peak	51.19	-3.18	48.01	74.00	-25.99
2452.00	Average	89.55	-3.45	86.10	-	-
2452.00	Peak	100.56	-3.45	97.11	-	-
2484.11	Average	48.12	-3.37	44.75	54.00	-9.25
2485.88	Peak	58.57	-3.37	55.20	74.00	-18.80

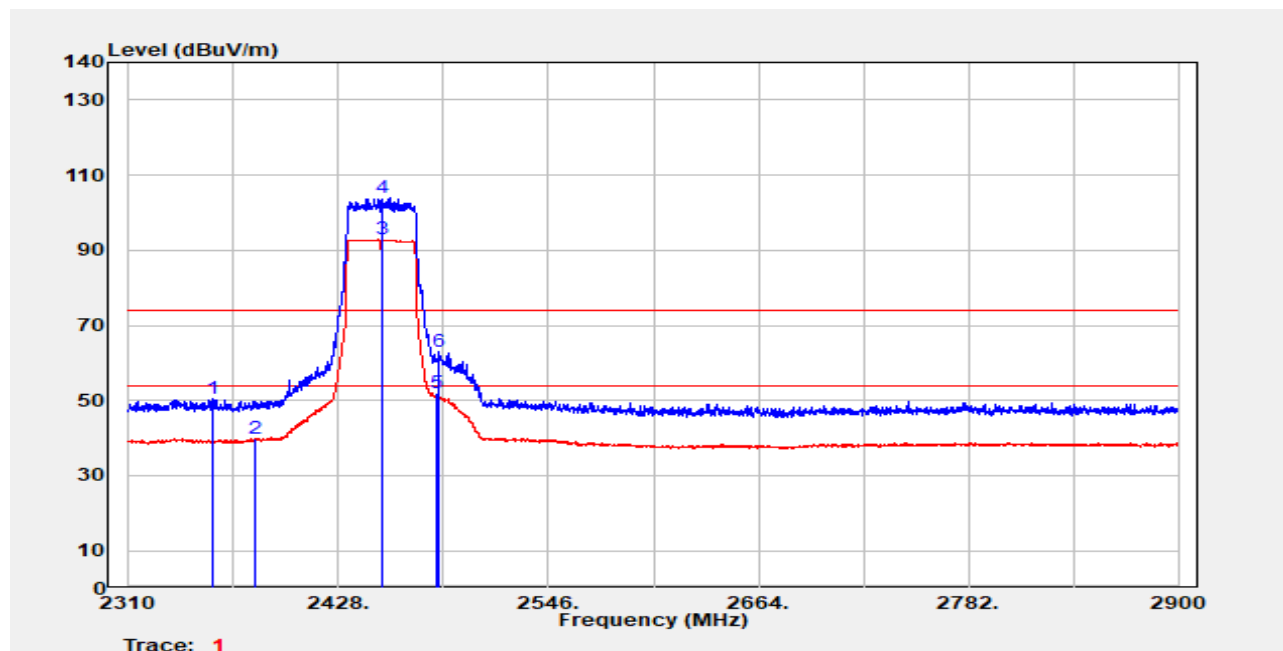
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Report Number :TERF2411003818E2
Operation Mode :802.11ax40 RU Full
Test Frequency :2452 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-26
Temp./Humi. :20.5°C/66%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2356.82	Peak	53.48	-3.17	50.31	74.00	-23.69
2380.82	Average	43.21	-3.22	39.99	54.00	-14.01
2452.00	Average	96.25	-3.45	92.80	-	-
2452.00	Peak	107.30	-3.45	103.85	-	-
2483.50	Average	55.22	-3.37	51.85	54.00	-2.15
2484.31	Peak	66.24	-3.37	62.87	74.00	-11.13

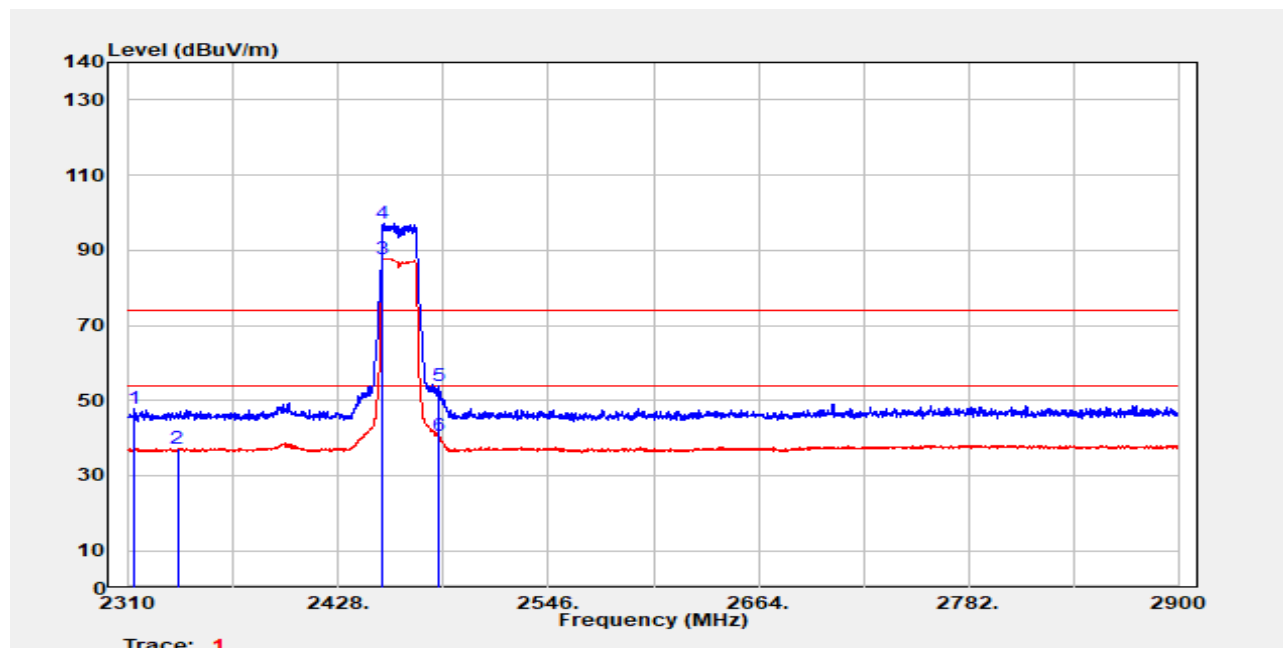
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Report Number :TERF2411003818E2
Operation Mode :802.11ax40 RU 242/62
Test Frequency :2452 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2313.34	Peak	51.12	-3.14	47.98	74.00	-26.02
2337.35	Average	40.45	-3.19	37.26	54.00	-16.74
2452.00	Average	91.23	-3.45	87.78	-	-
2452.00	Peak	100.45	-3.45	97.00	-	-
2483.91	Peak	57.25	-3.37	53.88	74.00	-20.12
2484.70	Average	44.05	-3.37	40.68	54.00	-13.32

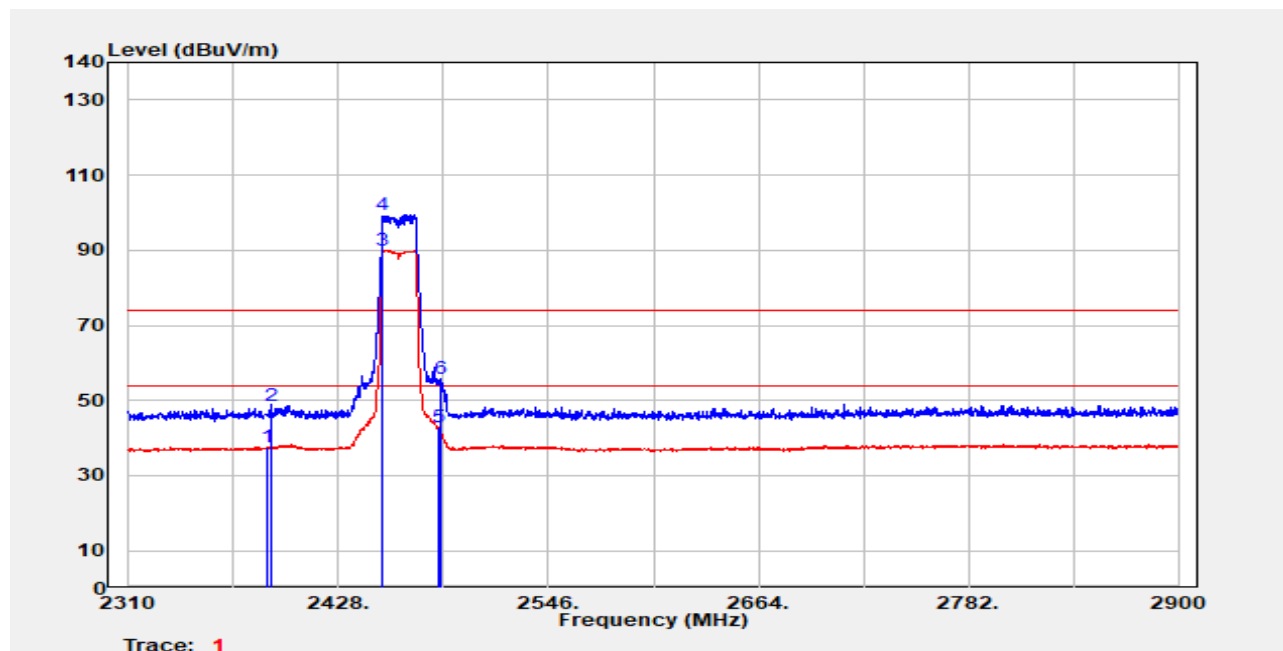
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Report Number :TERF2411003818E2
Operation Mode :802.11ax40 RU 242/62
Test Frequency :2452 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2388.30	Average	40.74	-3.14	37.60	54.00	-16.40
2389.87	Peak	51.85	-3.12	48.73	74.00	-25.27
2452.00	Average	93.46	-3.45	90.01	-	-
2452.00	Peak	102.82	-3.45	99.37	-	-
2483.91	Average	46.16	-3.37	42.79	54.00	-11.21
2484.90	Peak	59.29	-3.37	55.92	74.00	-18.08

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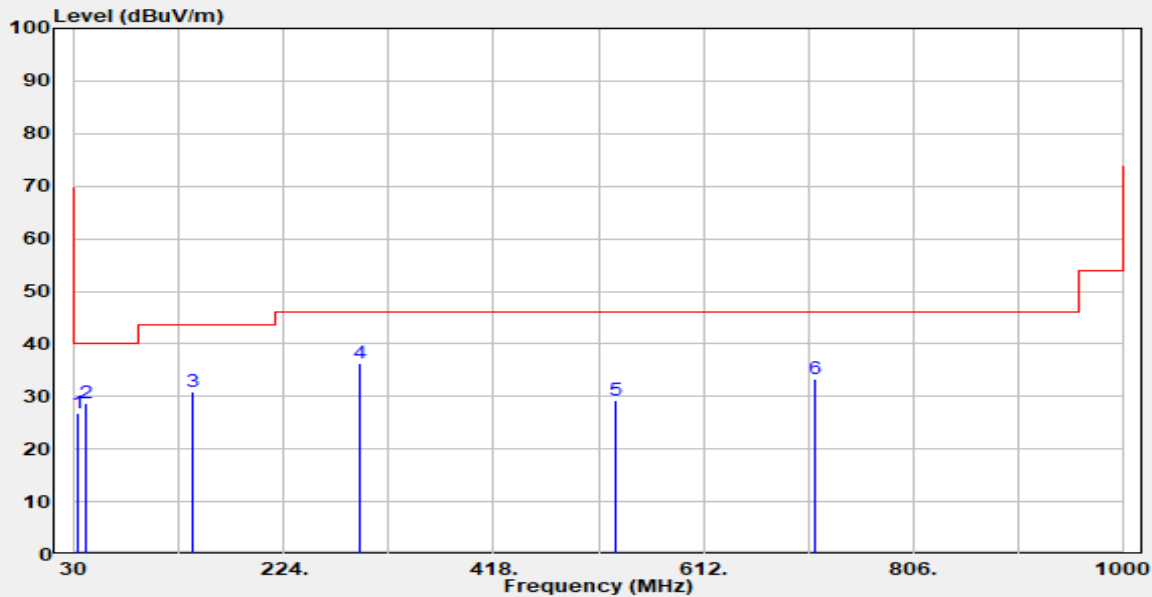
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11.6.2 Spurious Emission:

Report Number :TERF2411003818E2
Operation Mode :802.11g
Test Frequency :2437 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-31
Temp./Humi. :21.6°C/57%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
33.88	QP	41.07	-14.22	26.85	40.00	-13.15
39.70	QP	42.36	-13.64	28.72	40.00	-11.28
139.61	Peak	44.51	-13.60	30.91	43.50	-12.59
294.81	Peak	48.43	-12.01	36.42	46.00	-9.58
530.52	Peak	35.65	-6.48	29.17	46.00	-16.83
714.82	Peak	36.34	-3.00	33.34	46.00	-12.66

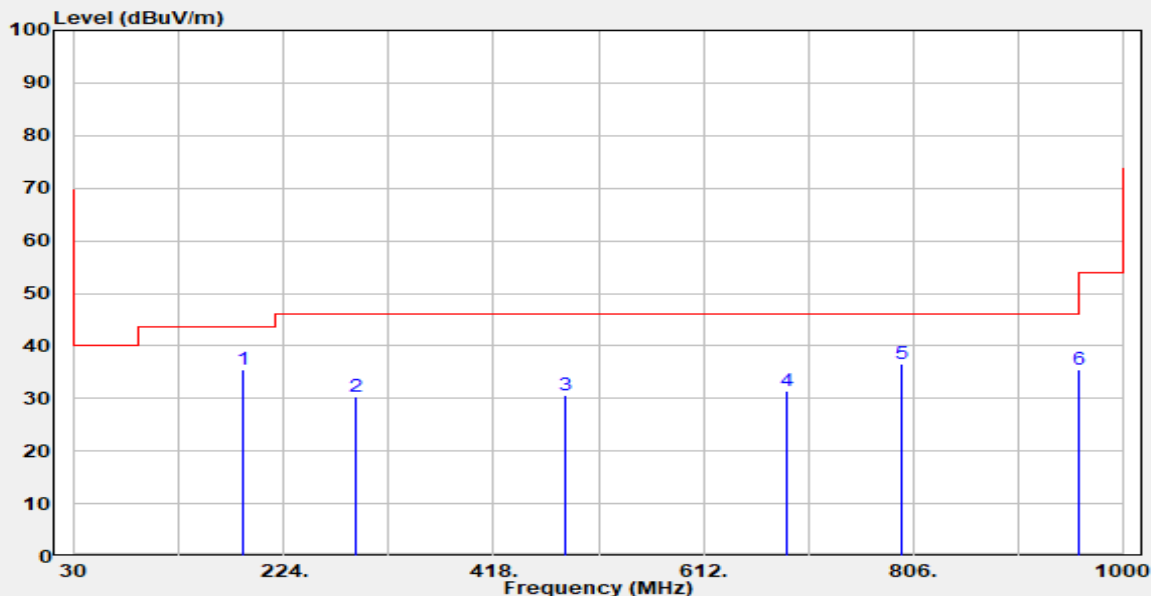
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Report Number :TERF2411003818E2
Operation Mode :802.11g
Test Frequency :2437 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-31
Temp./Humi. :21.6°C/57%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
185.20	Peak	50.56	-14.95	35.61	43.50	-7.89
289.96	QP	42.53	-12.12	30.41	46.00	-15.59
483.96	Peak	38.18	-7.51	30.67	46.00	-15.33
688.63	Peak	35.05	-3.49	31.56	46.00	-14.44
796.30	Peak	38.12	-1.54	36.58	46.00	-9.42
960.23	Peak	34.72	0.79	35.51	54.00	-18.49

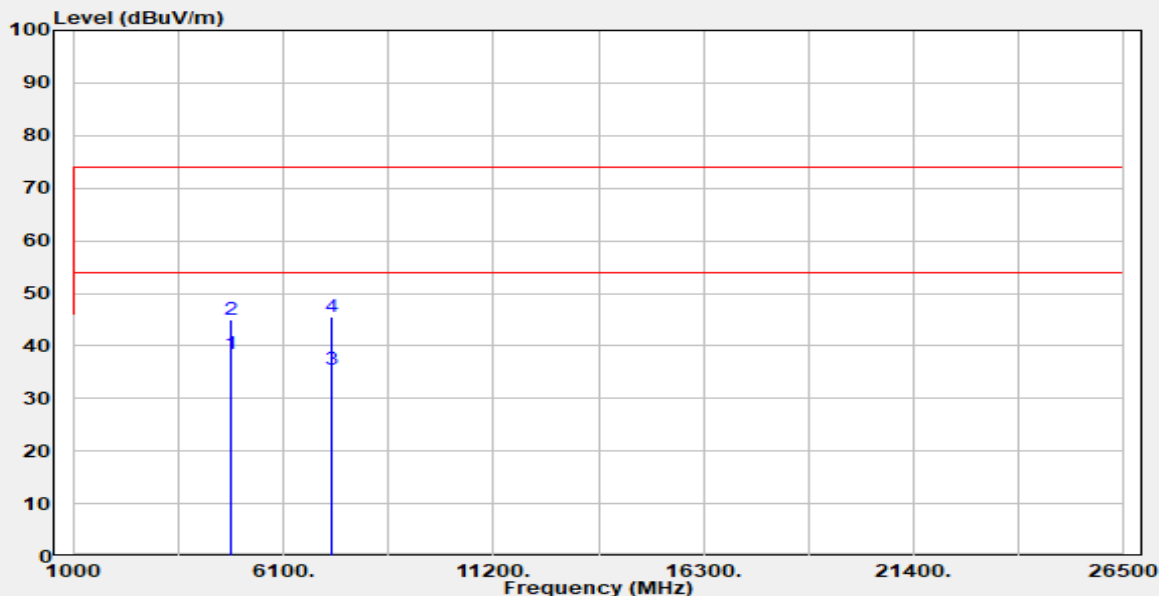
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Report Number :TERF2411003818E2
Operation Mode :802.11b
Test Frequency :2412 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4824.00	Average	35.02	3.55	38.57	54.00	-15.43
4824.00	Peak	41.32	3.55	44.87	74.00	-29.13
7236.00	Average	26.06	9.39	35.45	54.00	-18.55
7236.00	Peak	36.22	9.39	45.61	74.00	-28.39

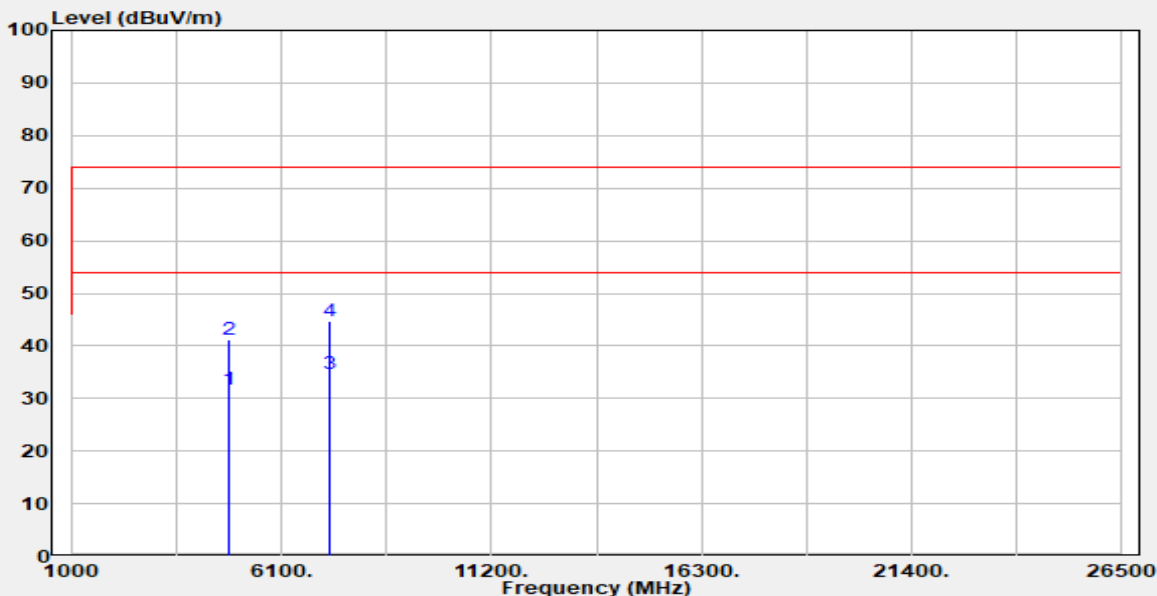
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Report Number :TERF2411003818E2
Operation Mode :802.11b
Test Frequency :2412 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4824.00	Average	28.06	3.55	31.61	54.00	-22.39
4824.00	Peak	37.64	3.55	41.19	74.00	-32.81
7236.00	Average	25.23	9.39	34.62	54.00	-19.38
7236.00	Peak	35.20	9.39	44.59	74.00	-29.41

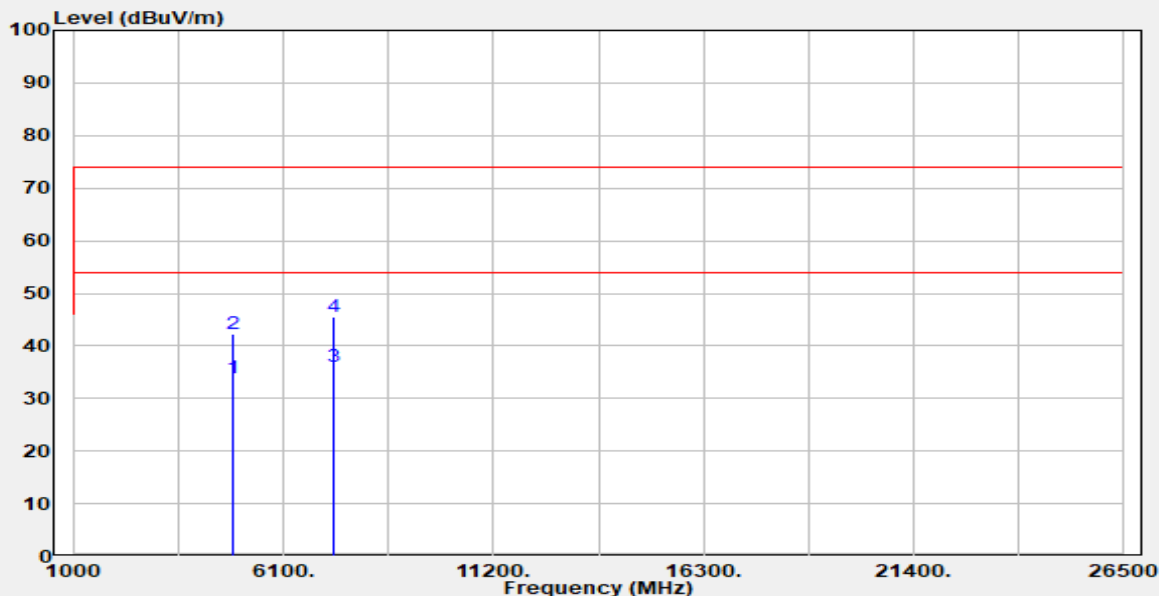
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Report Number :TERF2411003818E2
Operation Mode :802.11b
Test Frequency :2437 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4874.00	Average	30.21	3.79	34.00	54.00	-20.00
4874.00	Peak	38.42	3.79	42.21	74.00	-31.79
7311.00	Average	26.46	9.68	36.14	54.00	-17.86
7311.00	Peak	35.86	9.68	45.54	74.00	-28.46

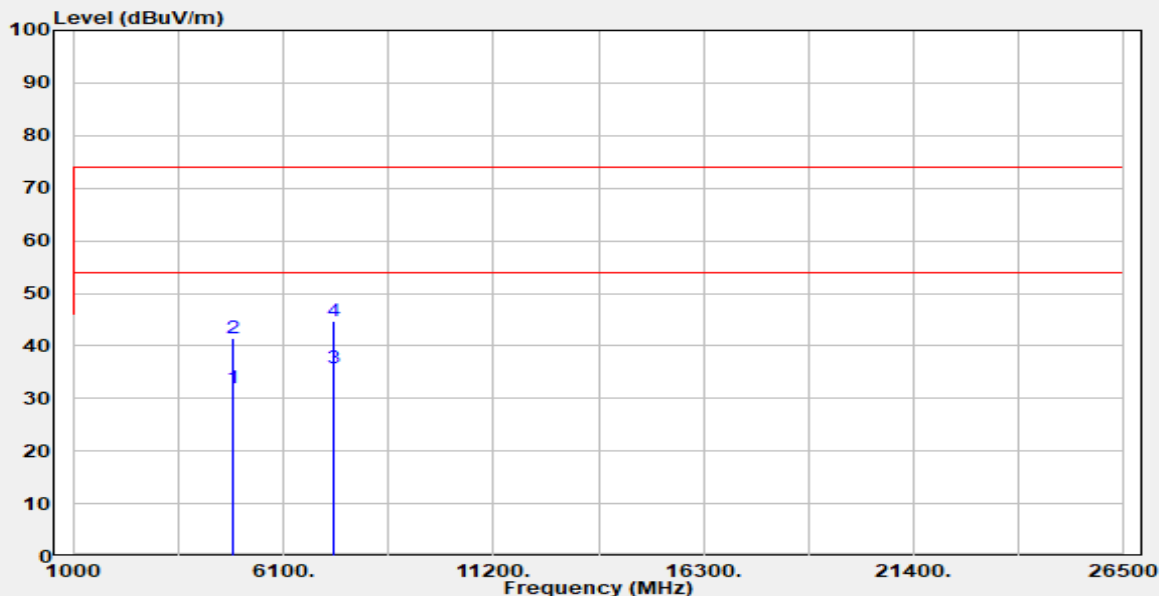
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Report Number :TERF2411003818E2
Operation Mode :802.11b
Test Frequency :2437 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4874.00	Average	28.06	3.79	31.85	54.00	-22.15
4874.00	Peak	37.80	3.79	41.59	74.00	-32.41
7311.00	Average	26.13	9.68	35.81	54.00	-18.19
7311.00	Peak	35.08	9.68	44.76	74.00	-29.24

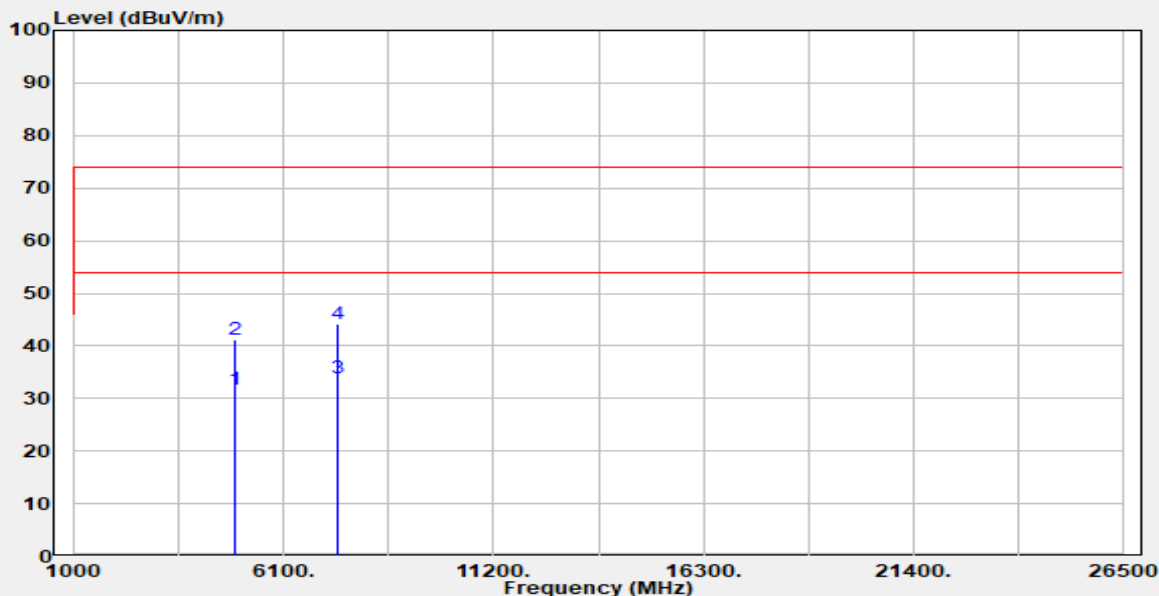
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Report Number :TERF2411003818E2
Operation Mode :802.11b
Test Frequency :2462 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4924.00	Average	27.77	3.98	31.75	54.00	-22.25
4924.00	Peak	37.16	3.98	41.14	74.00	-32.86
7386.00	Average	24.49	9.46	33.95	54.00	-20.05
7386.00	Peak	34.85	9.46	44.31	74.00	-29.69

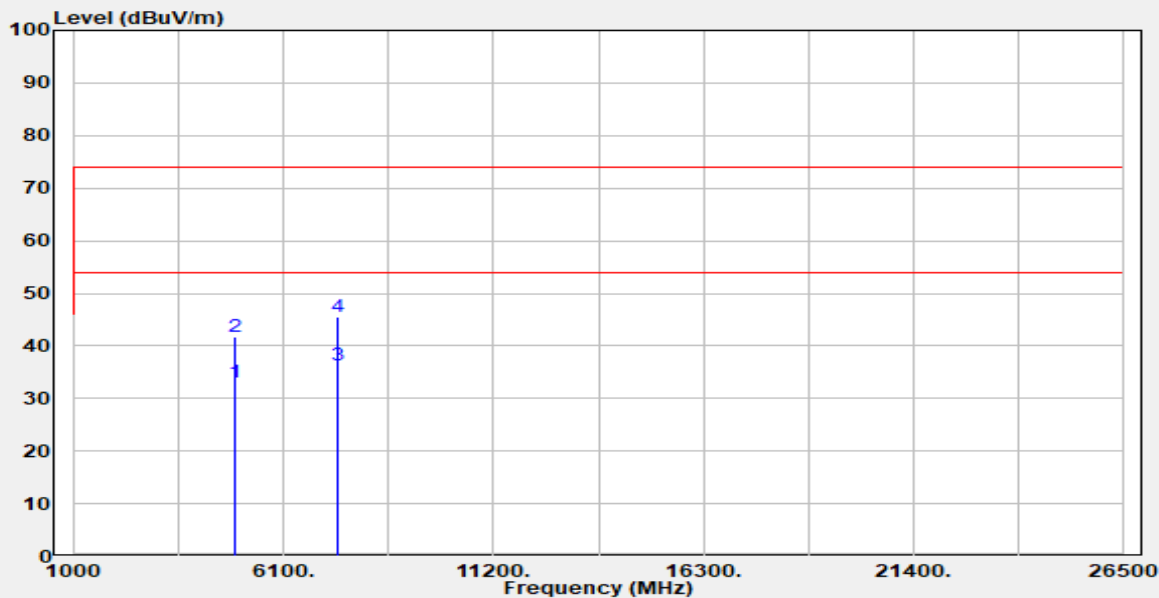
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Report Number :TERF2411003818E2
Operation Mode :802.11b
Test Frequency :2462 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4924.00	Average	29.05	3.98	33.03	54.00	-20.97
4924.00	Peak	37.67	3.98	41.65	74.00	-32.35
7386.00	Average	26.91	9.46	36.37	54.00	-17.63
7386.00	Peak	36.17	9.46	45.63	74.00	-28.37

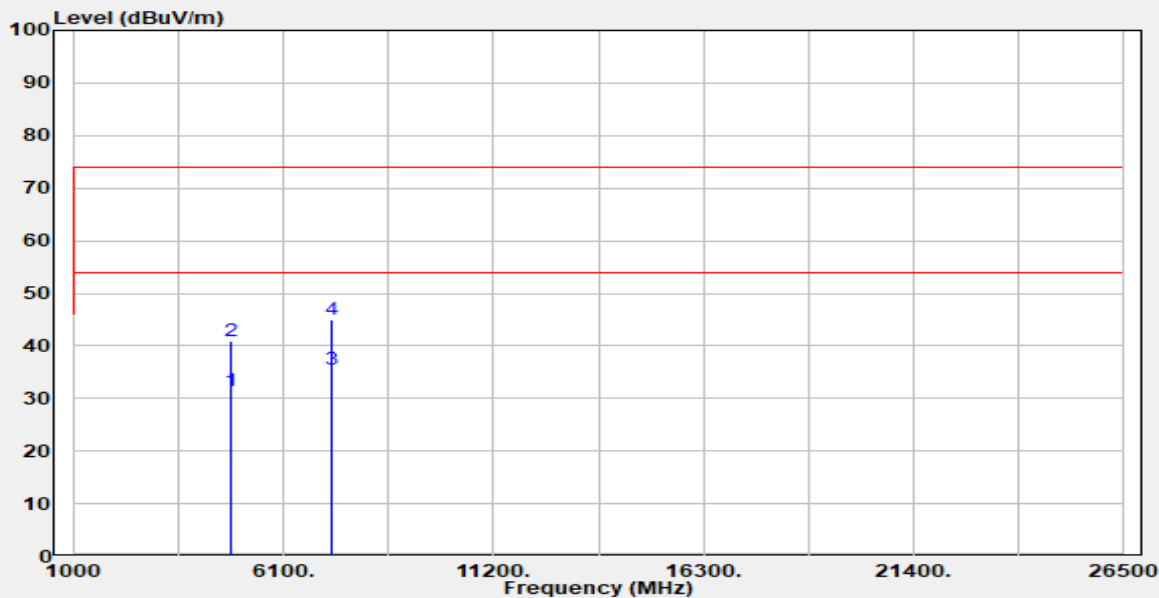
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Report Number :TERF2411003818E2
Operation Mode :802.11g
Test Frequency :2412 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
4824.00	Average	27.84	3.55	31.39	54.00	-22.61
4824.00	Peak	37.27	3.55	40.82	74.00	-33.18
7236.00	Average	26.01	9.39	35.40	54.00	-18.60
7236.00	Peak	35.47	9.39	44.86	74.00	-29.14

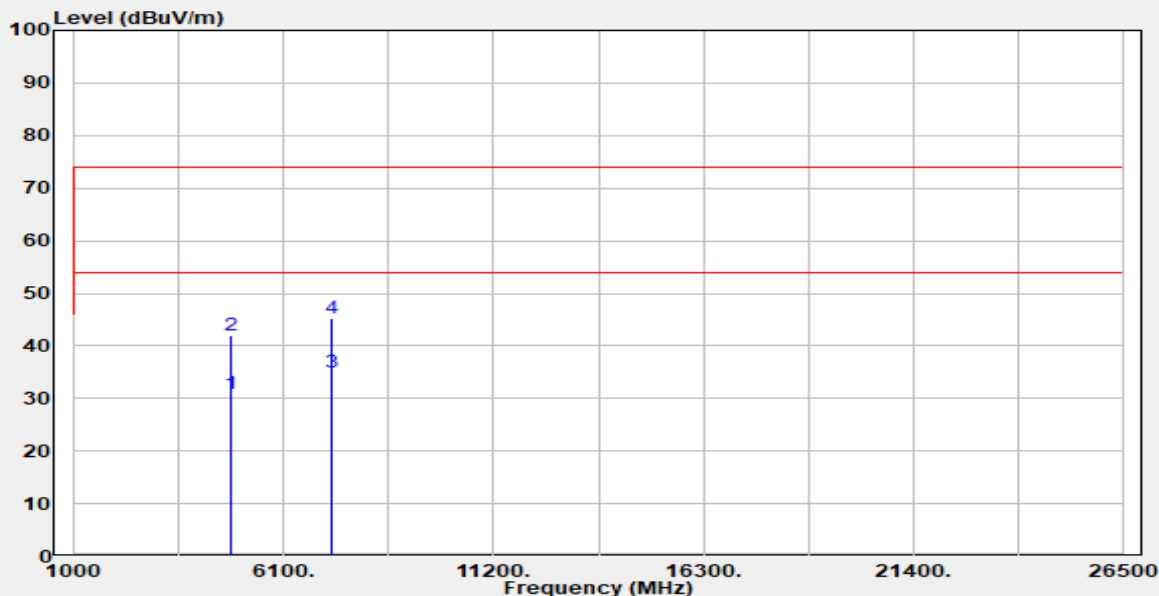
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Report Number :TERF2411003818E2
Operation Mode :802.11g
Test Frequency :2412 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
4824.00	Average	27.40	3.55	30.95	54.00	-23.05
4824.00	Peak	38.36	3.55	41.91	74.00	-32.09
7236.00	Average	25.58	9.39	34.97	54.00	-19.03
7236.00	Peak	35.76	9.39	45.15	74.00	-28.85

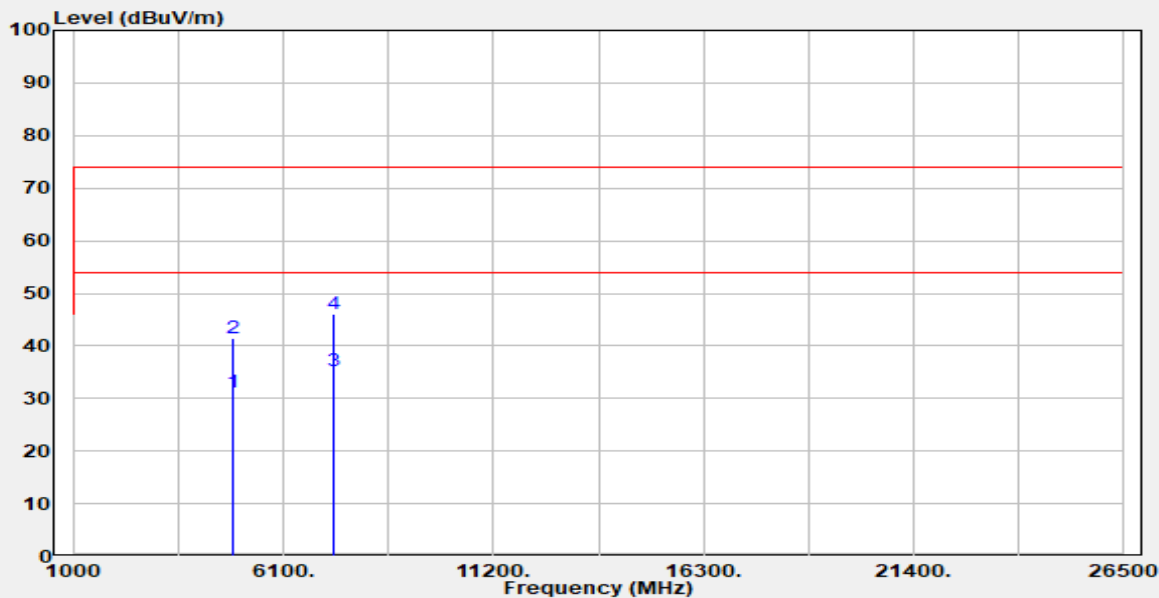
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Report Number :TERF2411003818E2
Operation Mode :802.11g
Test Frequency :2437 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4874.00	Average	27.30	3.79	31.09	54.00	-22.91
4874.00	Peak	37.76	3.79	41.55	74.00	-32.45
7311.00	Average	25.58	9.68	35.26	54.00	-18.74
7311.00	Peak	36.32	9.68	46.00	74.00	-28.00

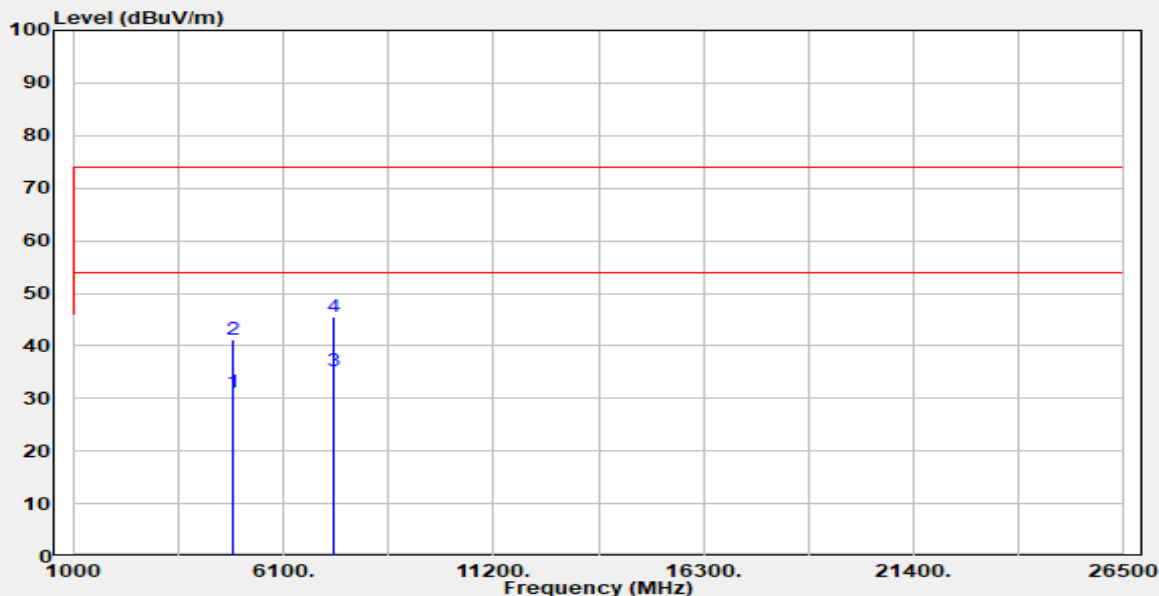
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Report Number :TERF2411003818E2
Operation Mode :802.11g
Test Frequency :2437 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4874.00	Average	27.31	3.79	31.10	54.00	-22.90
4874.00	Peak	37.30	3.79	41.09	74.00	-32.91
7311.00	Average	25.47	9.68	35.15	54.00	-18.85
7311.00	Peak	35.74	9.68	45.42	74.00	-28.58

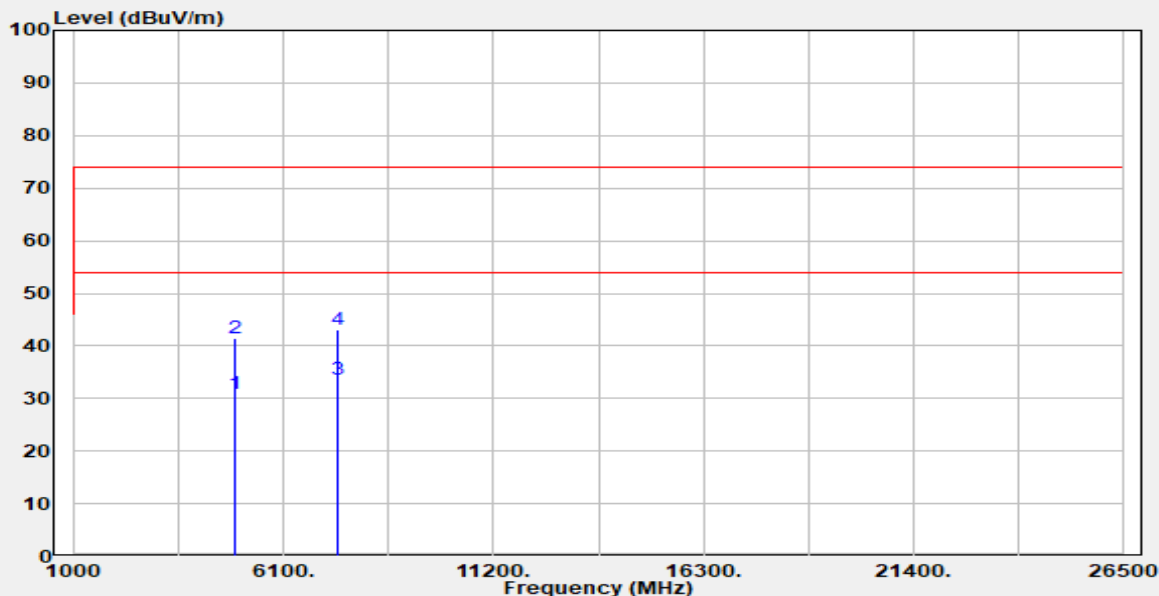
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Report Number :TERF2411003818E2
Operation Mode :802.11g
Test Frequency :2462 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4924.00	Average	26.86	3.98	30.84	54.00	-23.16
4924.00	Peak	37.52	3.98	41.50	74.00	-32.50
7386.00	Average	24.27	9.46	33.73	54.00	-20.27
7386.00	Peak	33.57	9.46	43.03	74.00	-30.97

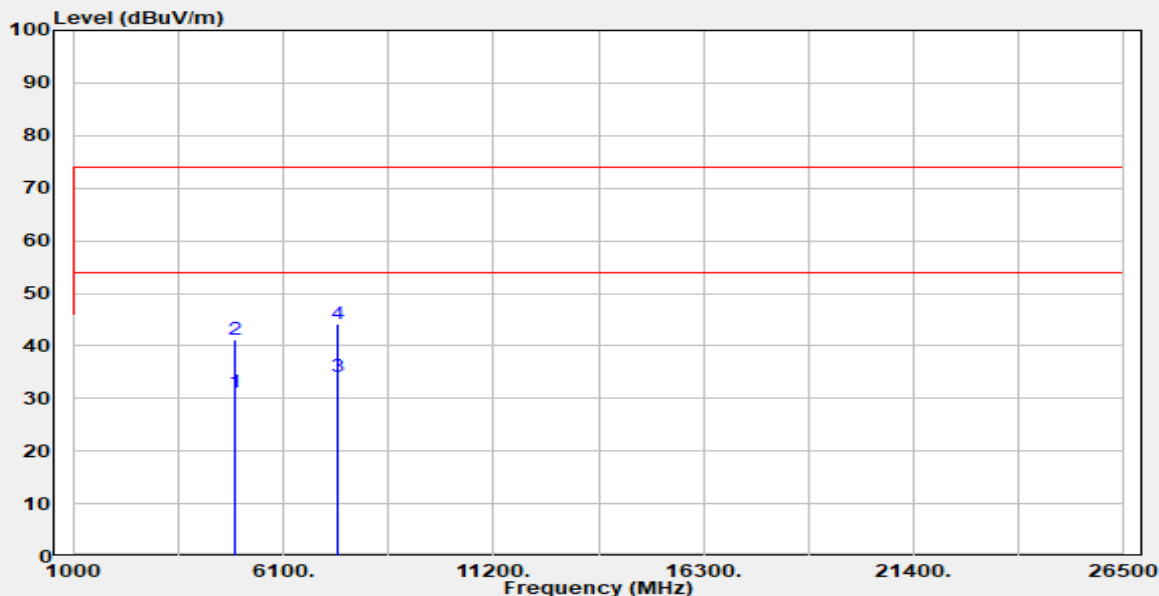
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Report Number :TERF2411003818E2
Operation Mode :802.11g
Test Frequency :2462 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4924.00	Average	27.16	3.98	31.14	54.00	-22.86
4924.00	Peak	37.28	3.98	41.26	74.00	-32.74
7386.00	Average	24.74	9.46	34.20	54.00	-19.80
7386.00	Peak	34.74	9.46	44.20	74.00	-29.80

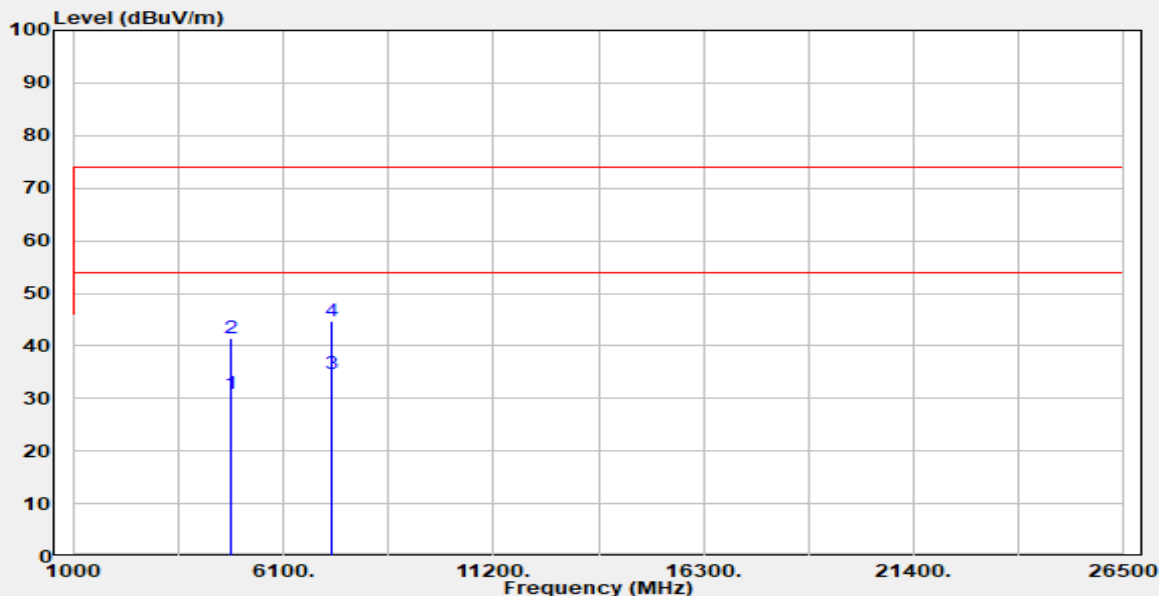
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Report Number :TERF2411003818E2
Operation Mode :802.11n20
Test Frequency :2412 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
4824.00	Average	27.28	3.55	30.83	54.00	-23.17
4824.00	Peak	37.86	3.55	41.41	74.00	-32.59
7236.00	Average	25.35	9.39	34.74	54.00	-19.26
7236.00	Peak	35.34	9.39	44.73	74.00	-29.27

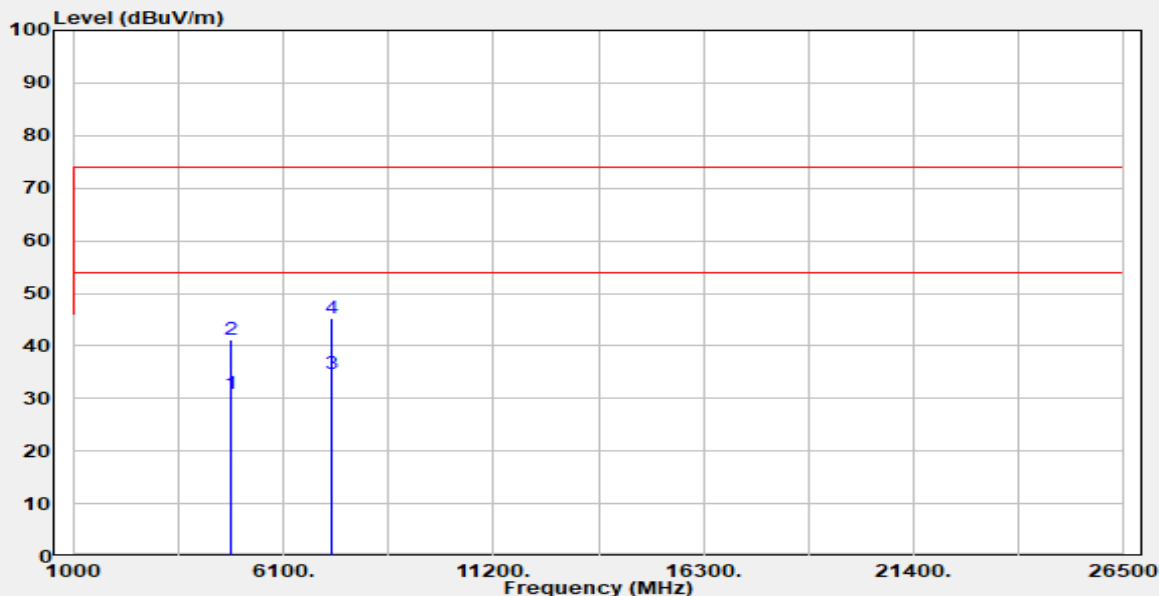
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Report Number :TERF2411003818E2
Operation Mode :802.11n20
Test Frequency :2412 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4824.00	Average	27.36	3.55	30.91	54.00	-23.09
4824.00	Peak	37.56	3.55	41.11	74.00	-32.89
7236.00	Average	25.38	9.39	34.77	54.00	-19.23
7236.00	Peak	35.91	9.39	45.30	74.00	-28.70

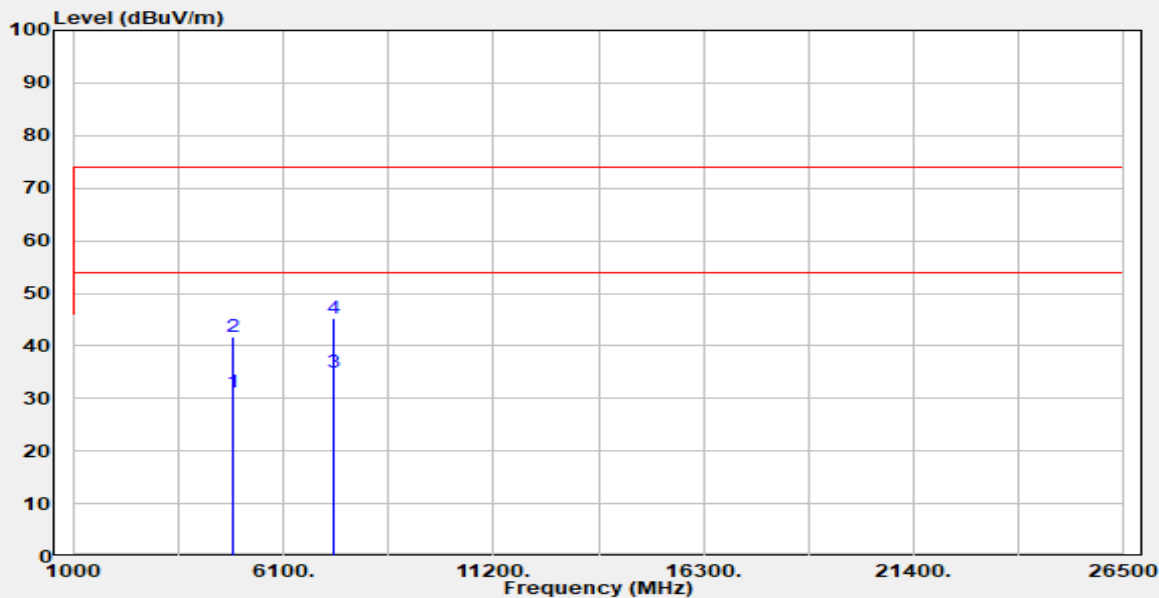
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Report Number :TERF2411003818E2
Operation Mode :802.11n20
Test Frequency :2437 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4874.00	Average	27.30	3.79	31.09	54.00	-22.91
4874.00	Peak	37.81	3.79	41.60	74.00	-32.40
7311.00	Average	25.18	9.68	34.86	54.00	-19.14
7311.00	Peak	35.71	9.68	45.39	74.00	-28.61

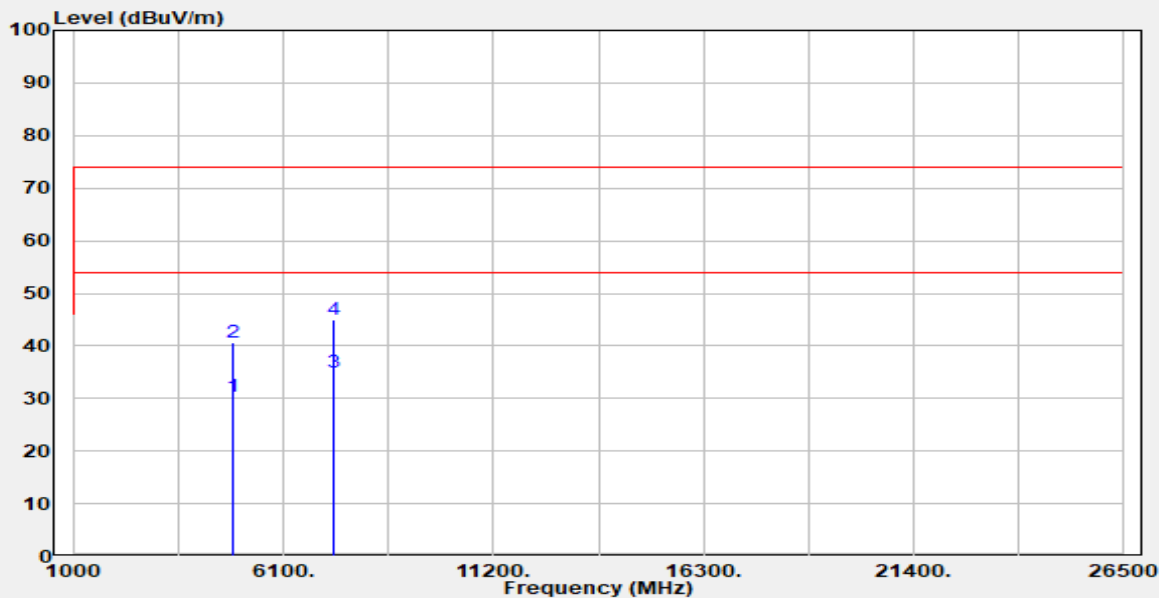
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Report Number :TERF2411003818E2
Operation Mode :802.11n20
Test Frequency :2437 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4874.00	Average	26.50	3.79	30.29	54.00	-23.71
4874.00	Peak	36.89	3.79	40.68	74.00	-33.32
7311.00	Average	25.29	9.68	34.97	54.00	-19.03
7311.00	Peak	35.39	9.68	45.07	74.00	-28.93

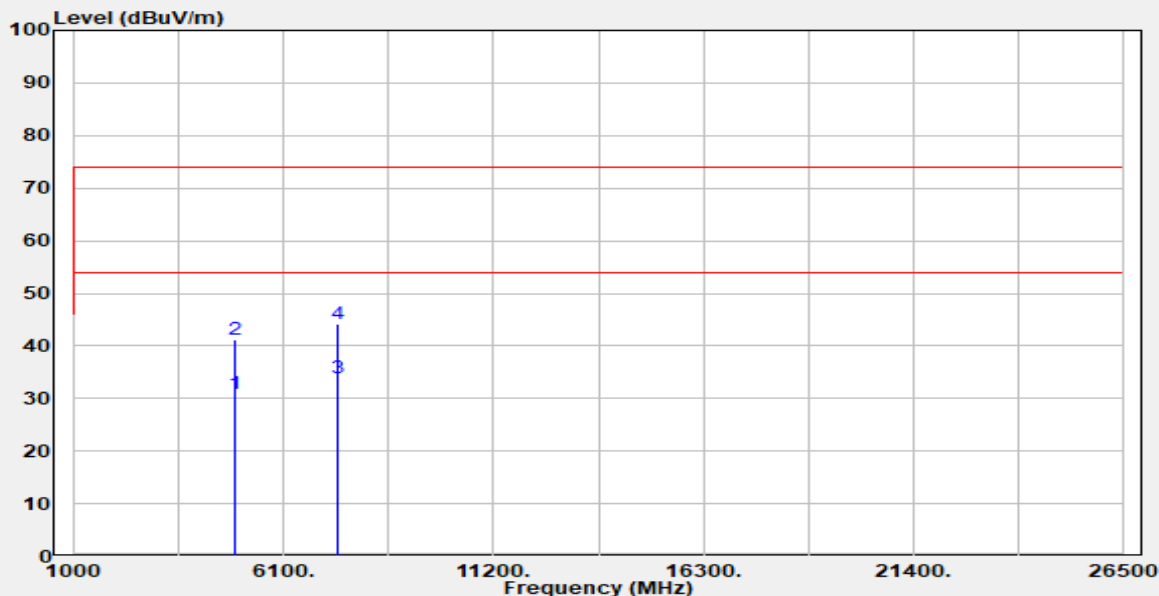
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Report Number :TERF2411003818E2
Operation Mode :802.11n20
Test Frequency :2462 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4924.00	Average	26.95	3.98	30.93	54.00	-23.07
4924.00	Peak	37.13	3.98	41.11	74.00	-32.89
7386.00	Average	24.47	9.46	33.93	54.00	-20.07
7386.00	Peak	34.63	9.46	44.09	74.00	-29.91

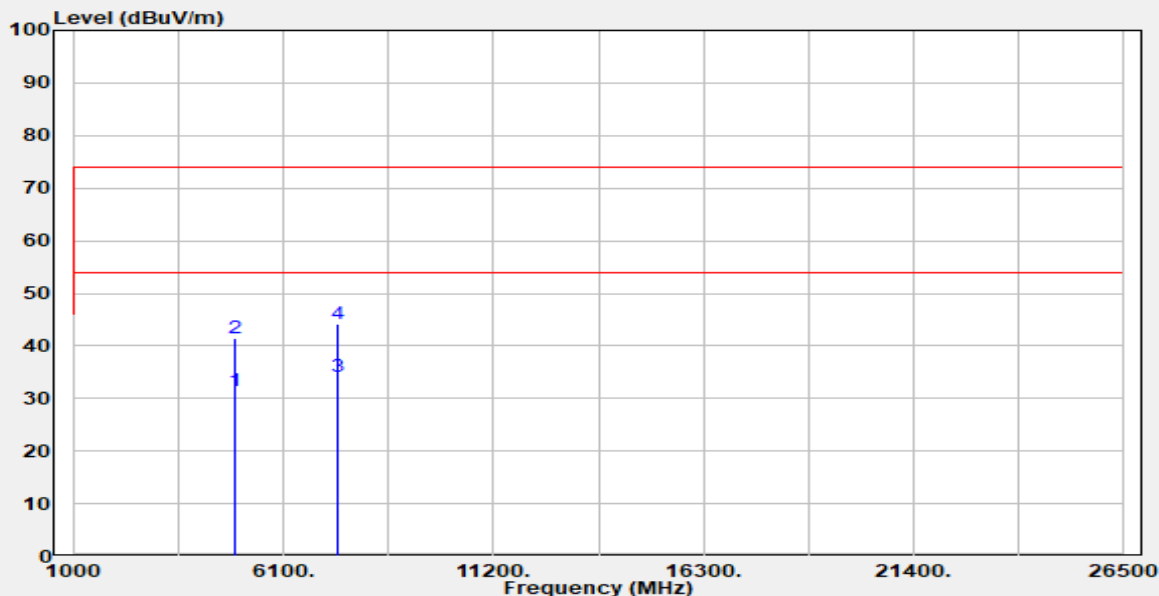
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Report Number :TERF2411003818E2
Operation Mode :802.11n20
Test Frequency :2462 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4924.00	Average	27.34	3.98	31.32	54.00	-22.68
4924.00	Peak	37.58	3.98	41.56	74.00	-32.44
7386.00	Average	24.68	9.46	34.14	54.00	-19.86
7386.00	Peak	34.79	9.46	44.25	74.00	-29.75

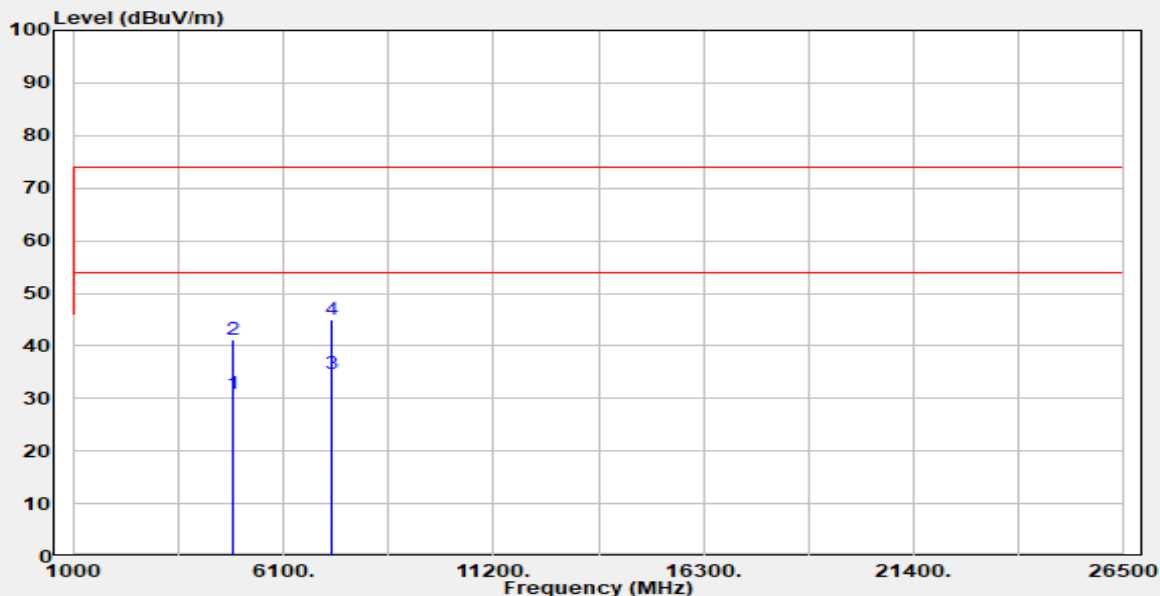
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Report Number :TERF2411003818E2
Operation Mode :802.11n40
Test Frequency :2422 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4844.00	Average	27.34	3.61	30.95	54.00	-23.05
4844.00	Peak	37.51	3.61	41.12	74.00	-32.88
7266.00	Average	25.15	9.55	34.70	54.00	-19.30
7266.00	Peak	35.46	9.55	45.01	74.00	-28.99

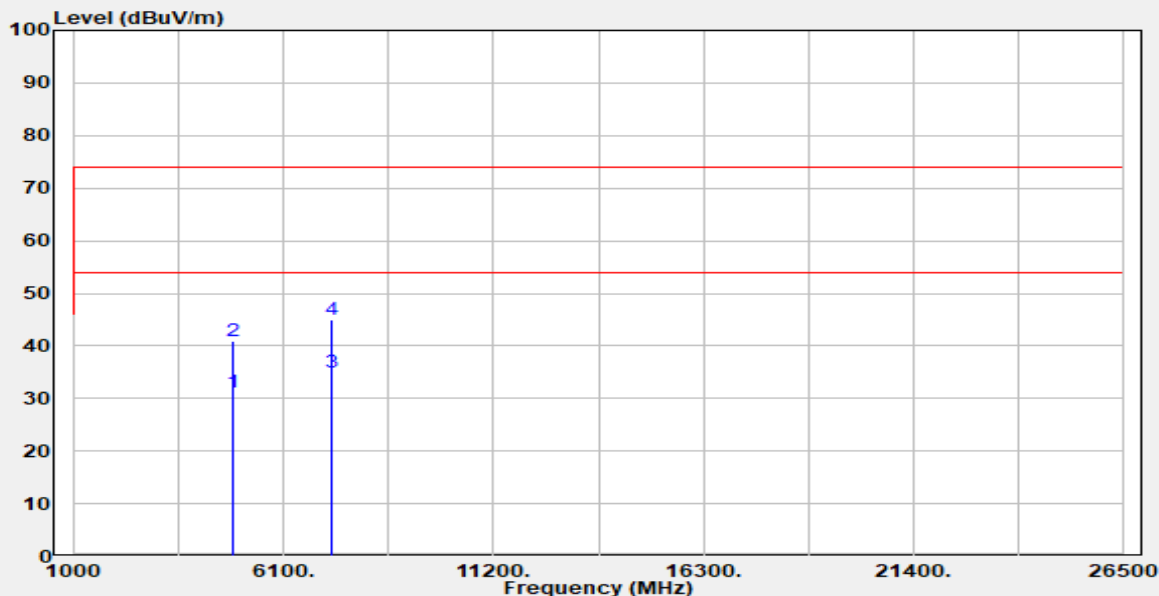
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Report Number :TERF2411003818E2
Operation Mode :802.11n40
Test Frequency :2422 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
4844.00	Average	27.49	3.61	31.10	54.00	-22.90
4844.00	Peak	37.43	3.61	41.04	74.00	-32.96
7266.00	Average	25.34	9.55	34.89	54.00	-19.11
7266.00	Peak	35.53	9.55	45.08	74.00	-28.92

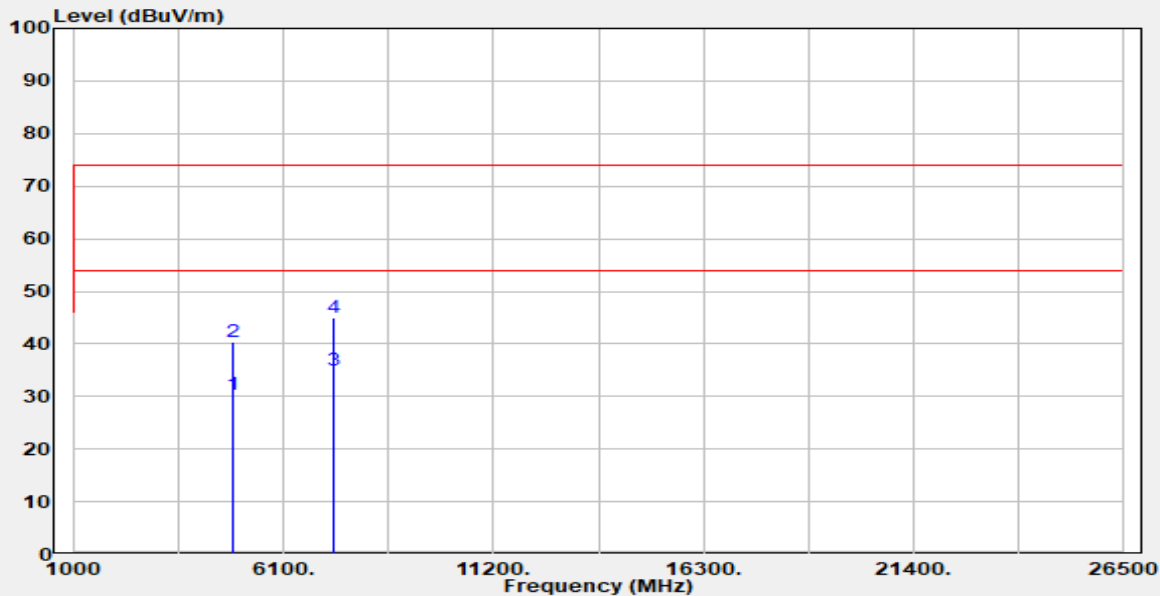
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Report Number :TERF2411003818E2
Operation Mode :802.11n40
Test Frequency :2437 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
4874.00	Average	26.58	3.79	30.37	54.00	-23.63
4874.00	Peak	36.54	3.79	40.33	74.00	-33.67
7311.00	Average	25.20	9.68	34.88	54.00	-19.12
7311.00	Peak	35.40	9.68	45.08	74.00	-28.92

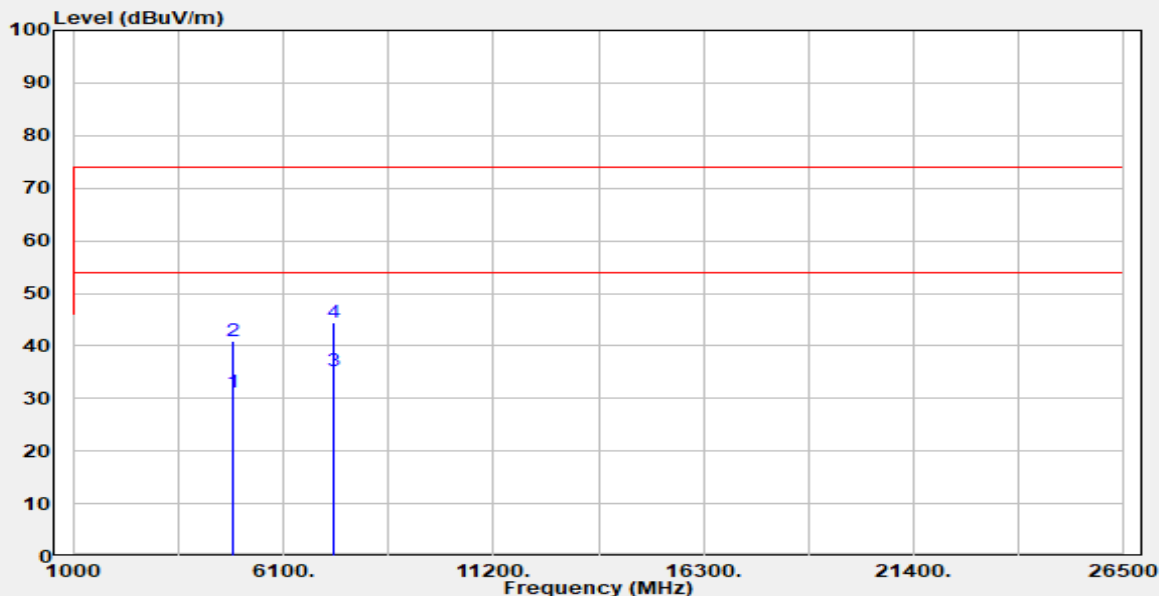
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Report Number :TERF2411003818E2
Operation Mode :802.11n40
Test Frequency :2437 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4874.00	Average	27.33	3.79	31.12	54.00	-22.88
4874.00	Peak	37.13	3.79	40.92	74.00	-33.08
7311.00	Average	25.43	9.68	35.11	54.00	-18.89
7311.00	Peak	34.80	9.68	44.48	74.00	-29.52

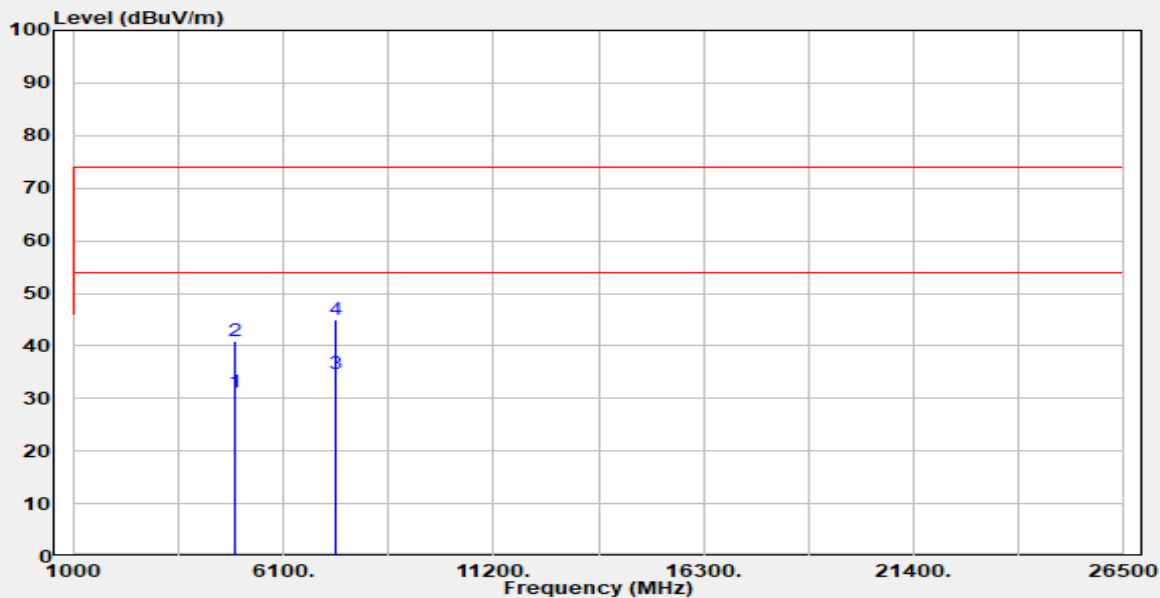
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Report Number :TERF2411003818E2
Operation Mode :802.11n40
Test Frequency :2452 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
4904.00	Average	27.15	3.99	31.14	54.00	-22.86
4904.00	Peak	37.01	3.99	41.00	74.00	-33.00
7356.00	Average	25.17	9.62	34.79	54.00	-19.21
7356.00	Peak	35.46	9.62	45.08	74.00	-28.92

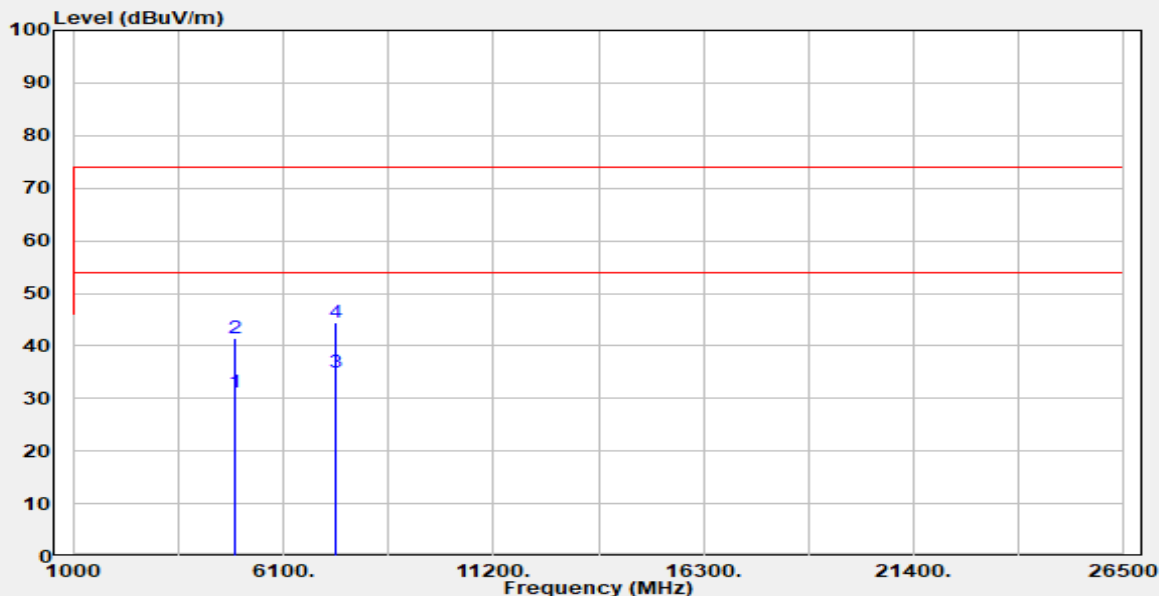
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Report Number :TERF2411003818E2
Operation Mode :802.11n40
Test Frequency :2452 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
4904.00	Average	27.28	3.99	31.27	54.00	-22.73
4904.00	Peak	37.48	3.99	41.47	74.00	-32.53
7356.00	Average	25.31	9.62	34.93	54.00	-19.07
7356.00	Peak	34.79	9.62	44.41	74.00	-29.59

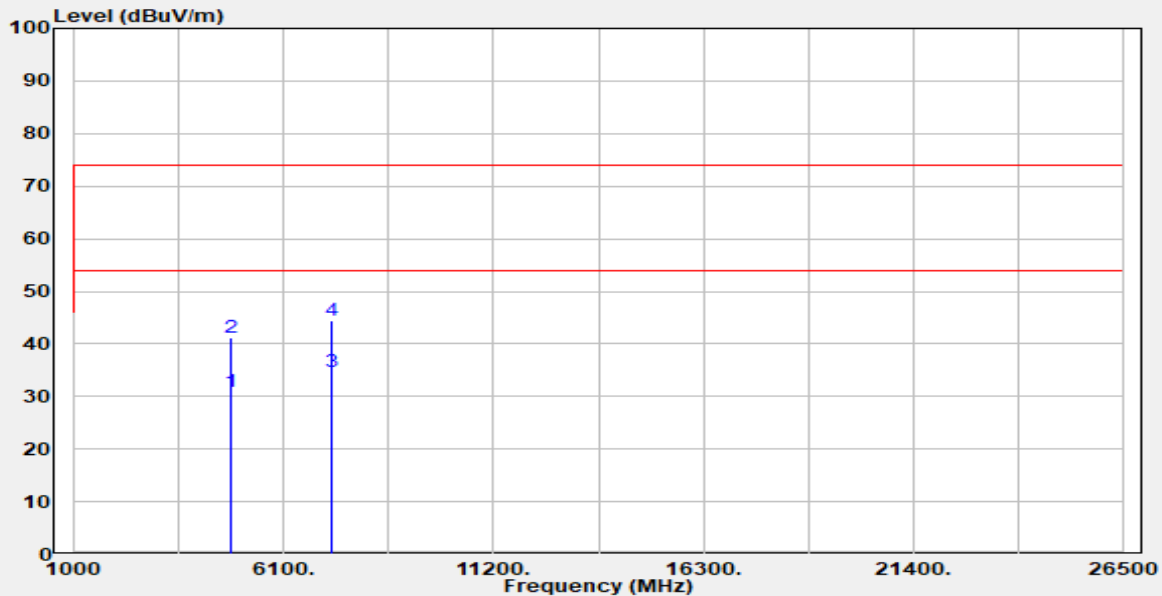
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Report Number :TERF2411003818E2
Operation Mode :802.11ax20 RU Full
Test Frequency :2412 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
4824.00	Average	27.24	3.55	30.79	54.00	-23.21
4824.00	Peak	37.51	3.55	41.06	74.00	-32.94
7236.00	Average	25.43	9.39	34.82	54.00	-19.18
7236.00	Peak	35.12	9.39	44.51	74.00	-29.49

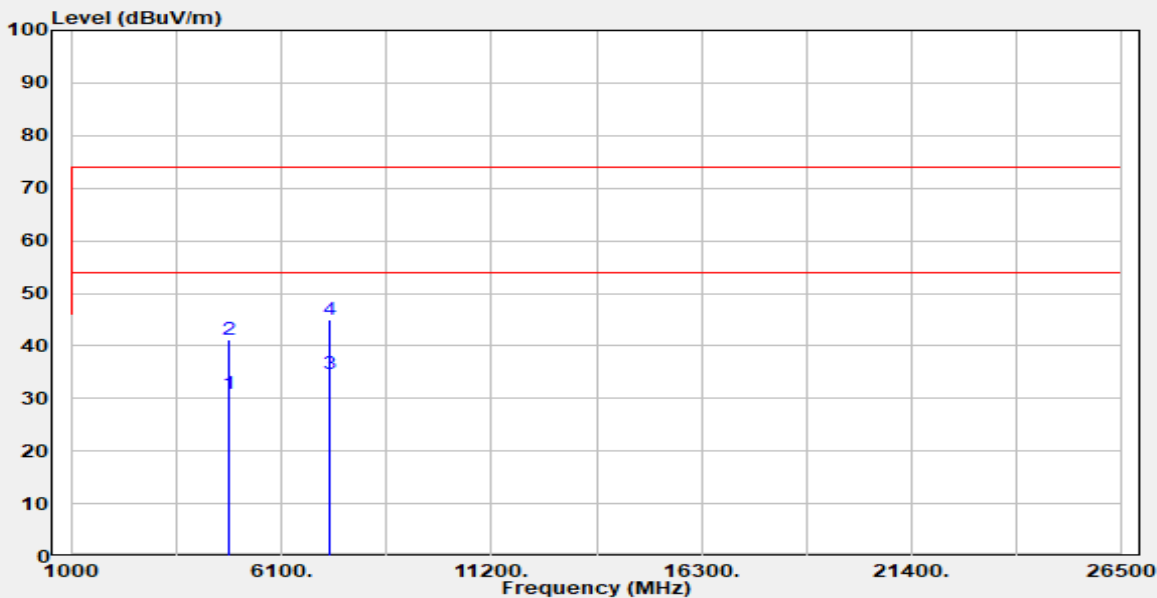
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Report Number :TERF2411003818E2
Operation Mode :802.11ax20 RU Full
Test Frequency :2412 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4824.00	Average	27.37	3.55	30.92	54.00	-23.08
4824.00	Peak	37.71	3.55	41.26	74.00	-32.74
7236.00	Average	25.39	9.39	34.78	54.00	-19.22
7236.00	Peak	35.48	9.39	44.87	74.00	-29.13

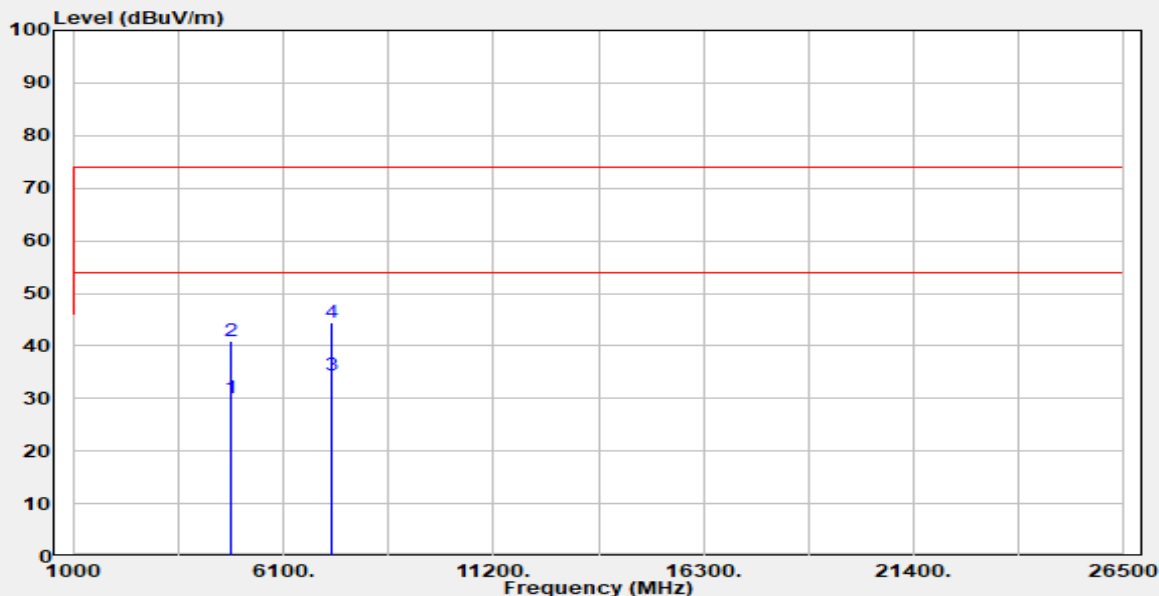
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Report Number :TERF2411003818E2
Operation Mode :802.11ax20 RU 26/0
Test Frequency :2412 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4824.00	Average	26.52	3.55	30.07	54.00	-23.93
4824.00	Peak	37.30	3.55	40.85	74.00	-33.15
7236.00	Average	24.95	9.39	34.34	54.00	-19.66
7236.00	Peak	35.11	9.39	44.50	74.00	-29.50

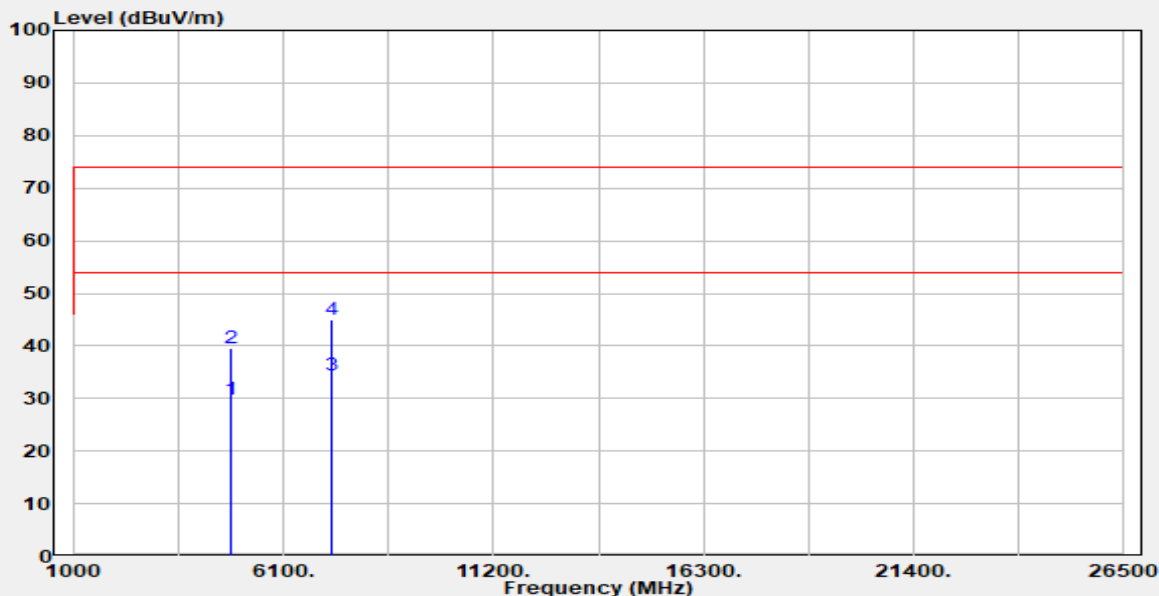
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Report Number :TERF2411003818E2
Operation Mode :802.11ax20 RU 26/0
Test Frequency :2412 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4824.00	Average	26.25	3.55	29.80	54.00	-24.20
4824.00	Peak	36.13	3.55	39.68	74.00	-34.32
7236.00	Average	24.99	9.39	34.38	54.00	-19.62
7236.00	Peak	35.46	9.39	44.85	74.00	-29.15

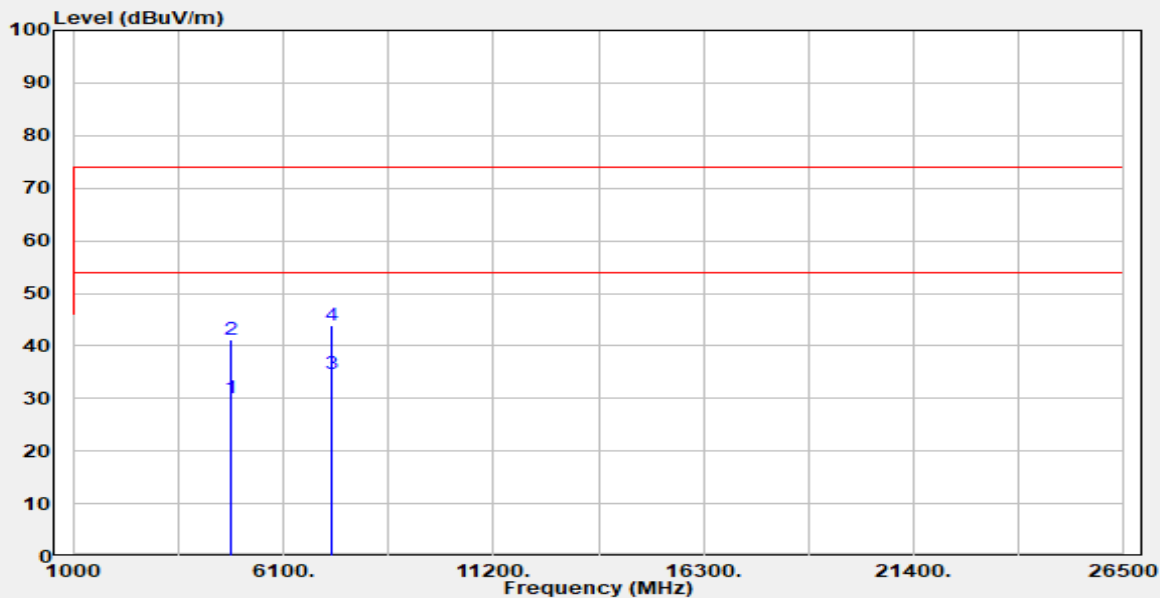
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Report Number :TERF2411003818E2
Operation Mode :802.11ax20 RU 52/37
Test Frequency :2412 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4824.00	Average	26.42	3.55	29.97	54.00	-24.03
4824.00	Peak	37.60	3.55	41.15	74.00	-32.85
7236.00	Average	25.29	9.39	34.68	54.00	-19.32
7236.00	Peak	34.54	9.39	43.93	74.00	-30.07

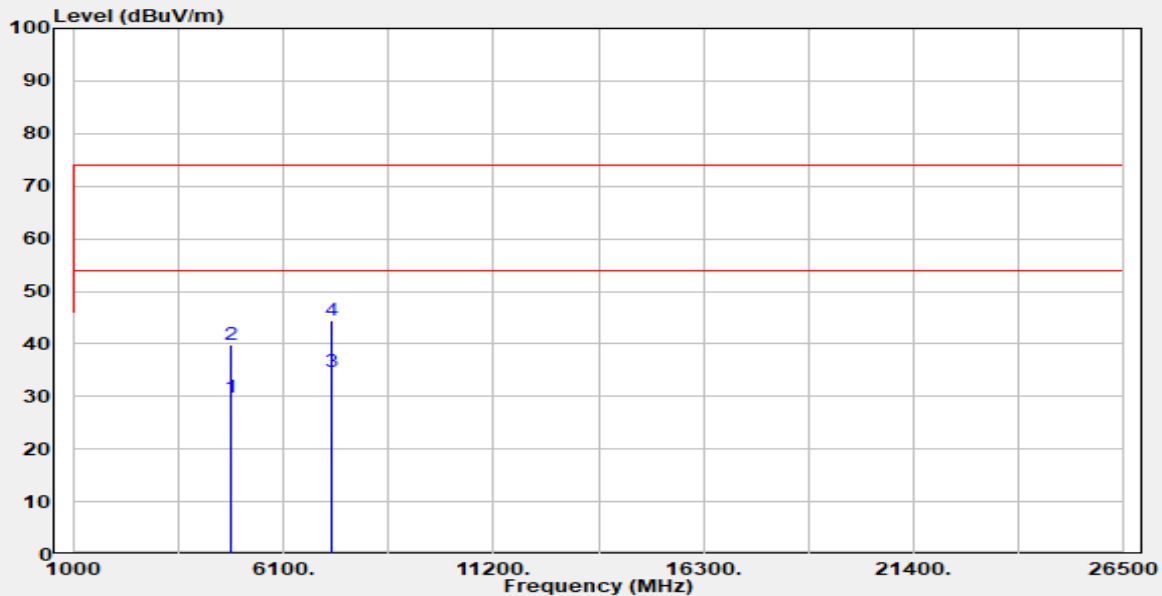
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Report Number :TERF2411003818E2
Operation Mode :802.11ax20 RU 52/37
Test Frequency :2412 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4824.00	Average	26.36	3.55	29.91	54.00	-24.09
4824.00	Peak	36.16	3.55	39.71	74.00	-34.29
7236.00	Average	25.23	9.39	34.62	54.00	-19.38
7236.00	Peak	35.15	9.39	44.54	74.00	-29.46

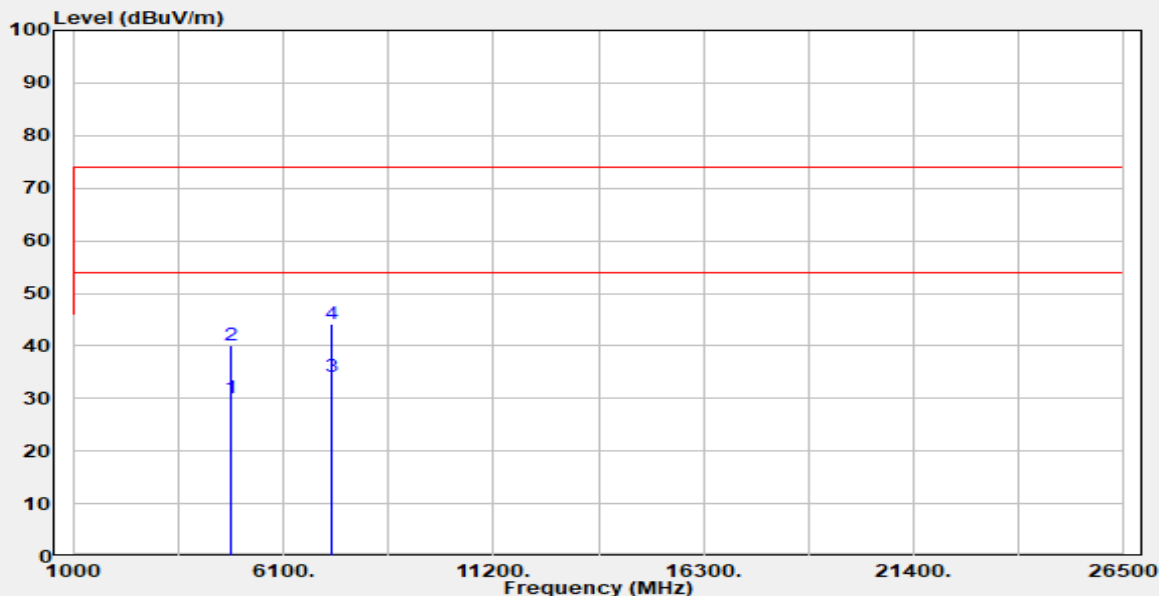
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Report Number :TERF2411003818E2
Operation Mode :802.11ax20 RU 106/53
Test Frequency :2412 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4824.00	Average	26.56	3.55	30.11	54.00	-23.89
4824.00	Peak	36.43	3.55	39.98	74.00	-34.02
7236.00	Average	24.88	9.39	34.27	54.00	-19.73
7236.00	Peak	34.90	9.39	44.29	74.00	-29.71

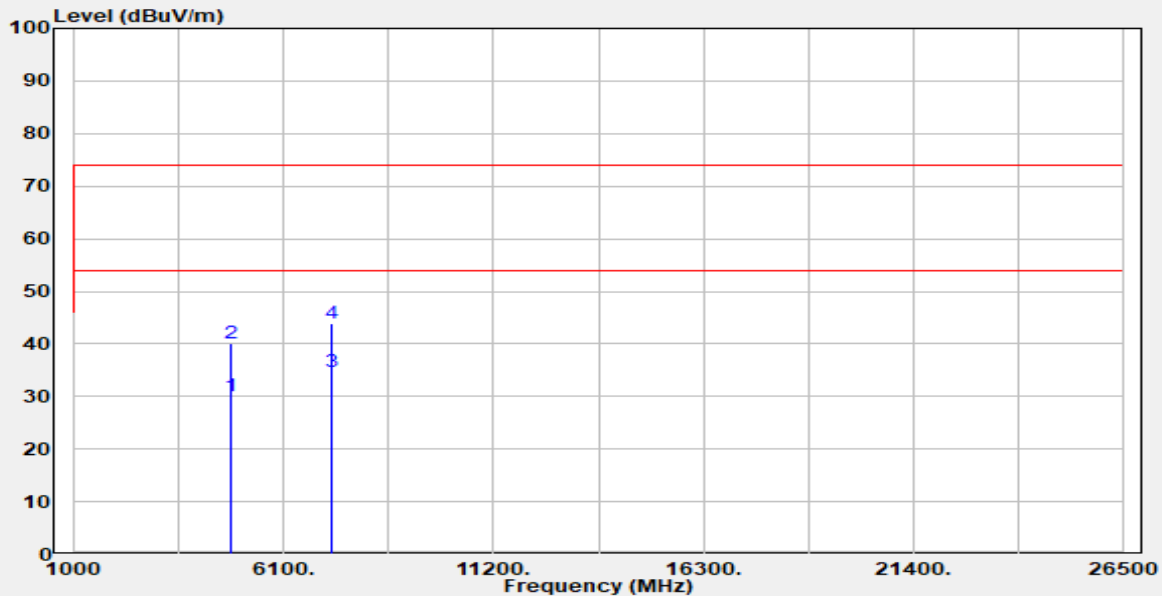
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Report Number :TERF2411003818E2
Operation Mode :802.11ax20 RU 106/53
Test Frequency :2412 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4824.00	Average	26.40	3.55	29.95	54.00	-24.05
4824.00	Peak	36.42	3.55	39.97	74.00	-34.03
7236.00	Average	25.30	9.39	34.69	54.00	-19.31
7236.00	Peak	34.58	9.39	43.97	74.00	-30.03

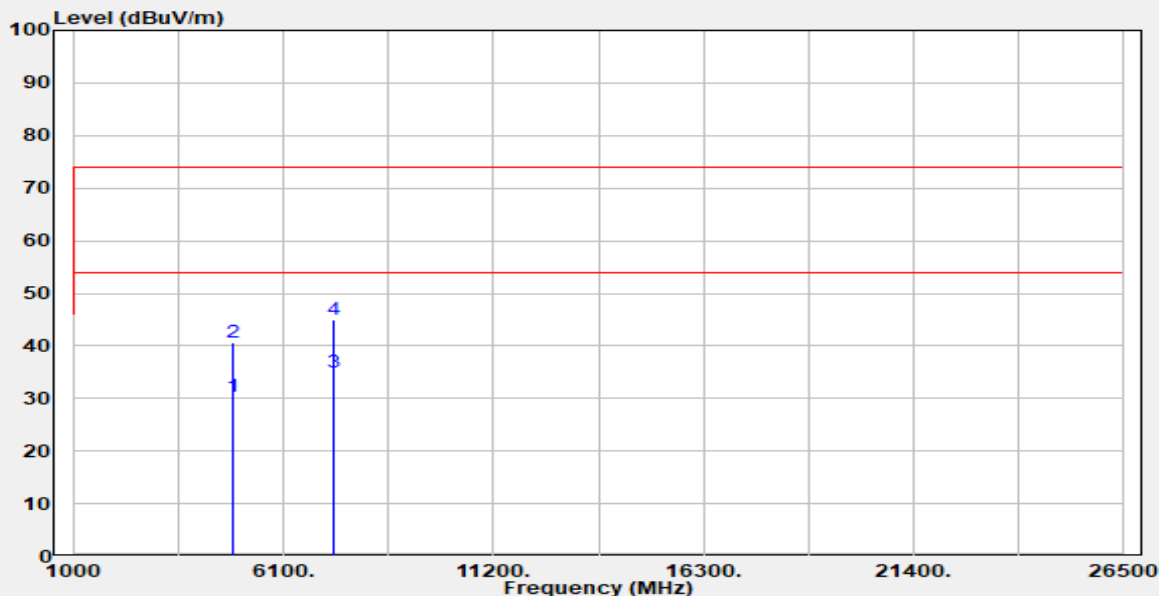
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Report Number :TERF2411003818E2
Operation Mode :802.11ax20 RU Full
Test Frequency :2437 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
4874.00	Average	26.45	3.79	30.24	54.00	-23.76
4874.00	Peak	36.96	3.79	40.75	74.00	-33.25
7311.00	Average	25.30	9.68	34.98	54.00	-19.02
7311.00	Peak	35.36	9.68	45.04	74.00	-28.96

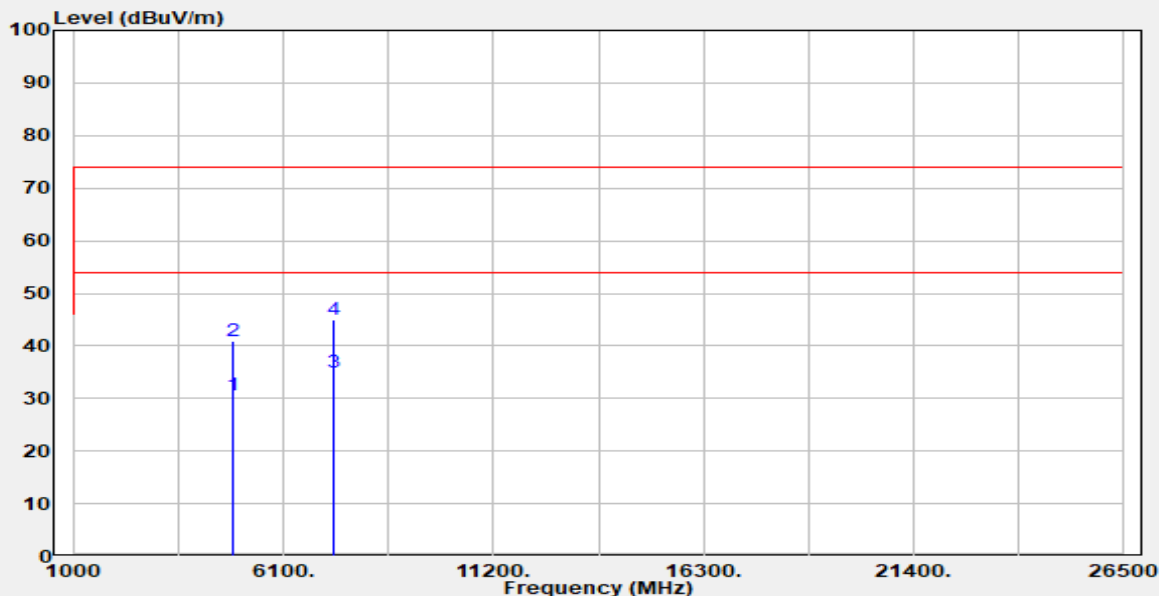
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Report Number :TERF2411003818E2
Operation Mode :802.11ax20 RU Full
Test Frequency :2437 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4874.00	Average	26.89	3.79	30.68	54.00	-23.32
4874.00	Peak	37.16	3.79	40.95	74.00	-33.05
7311.00	Average	25.40	9.68	35.08	54.00	-18.92
7311.00	Peak	35.36	9.68	45.04	74.00	-28.96

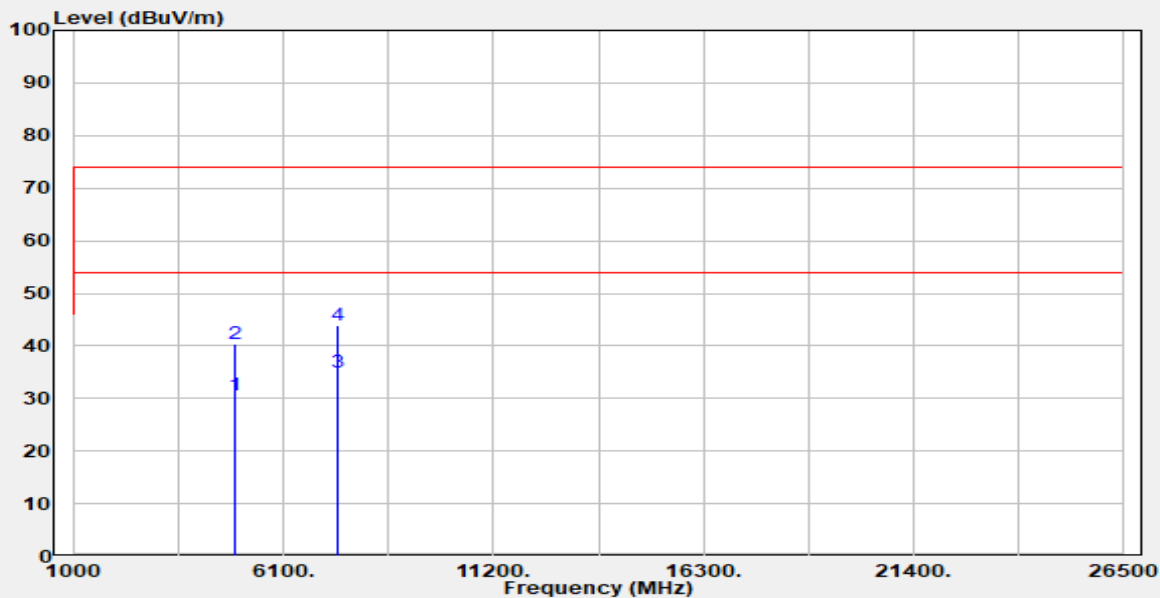
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Report Number :TERF2411003818E2
Operation Mode :802.11ax20 RU Full
Test Frequency :2462 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4924.00	Average	26.59	3.98	30.57	54.00	-23.43
4924.00	Peak	36.43	3.98	40.41	74.00	-33.59
7386.00	Average	25.38	9.46	34.84	54.00	-19.16
7386.00	Peak	34.40	9.46	43.86	74.00	-30.14

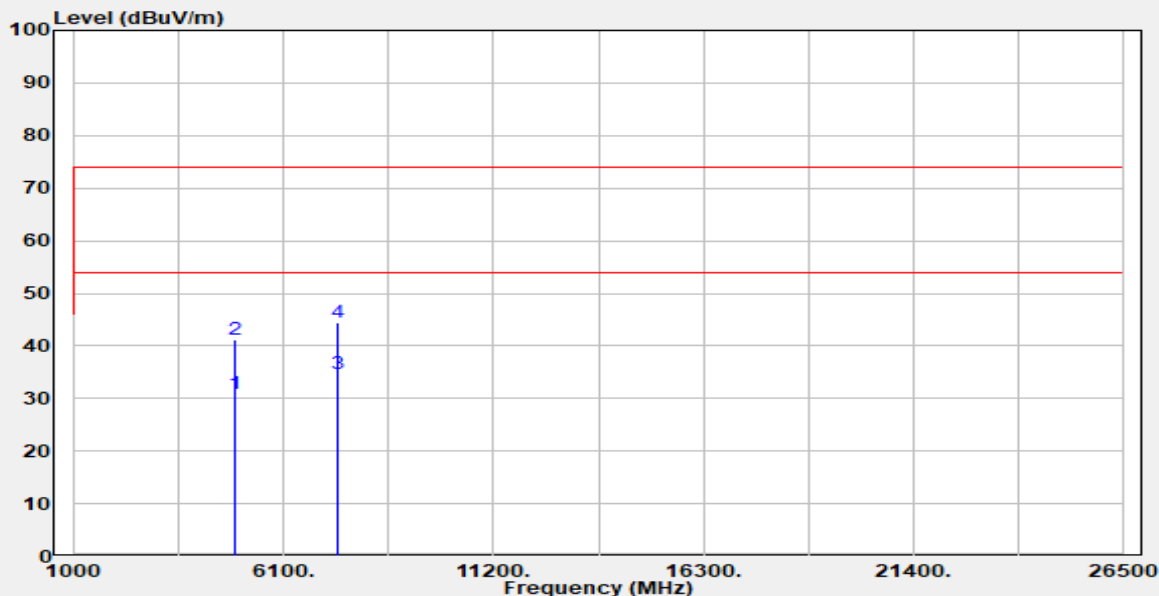
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Report Number :TERF2411003818E2
Operation Mode :802.11ax20 RU Full
Test Frequency :2462 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
4924.00	Average	26.97	3.98	30.95	54.00	-23.05
4924.00	Peak	37.24	3.98	41.22	74.00	-32.78
7386.00	Average	25.25	9.46	34.71	54.00	-19.29
7386.00	Peak	35.01	9.46	44.47	74.00	-29.53

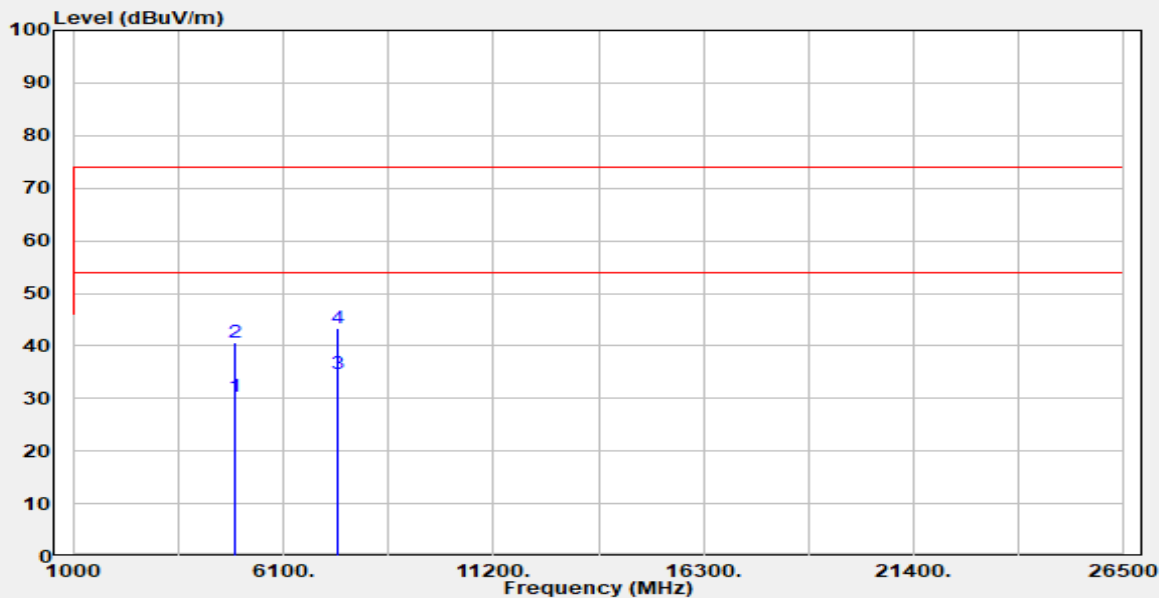
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Report Number :TERF2411003818E2
Operation Mode :802.11ax20 RU 26/8
Test Frequency :2462 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4924.00	Average	26.40	3.98	30.38	54.00	-23.62
4924.00	Peak	36.65	3.98	40.63	74.00	-33.37
7386.00	Average	25.21	9.46	34.67	54.00	-19.33
7386.00	Peak	33.94	9.46	43.40	74.00	-30.60

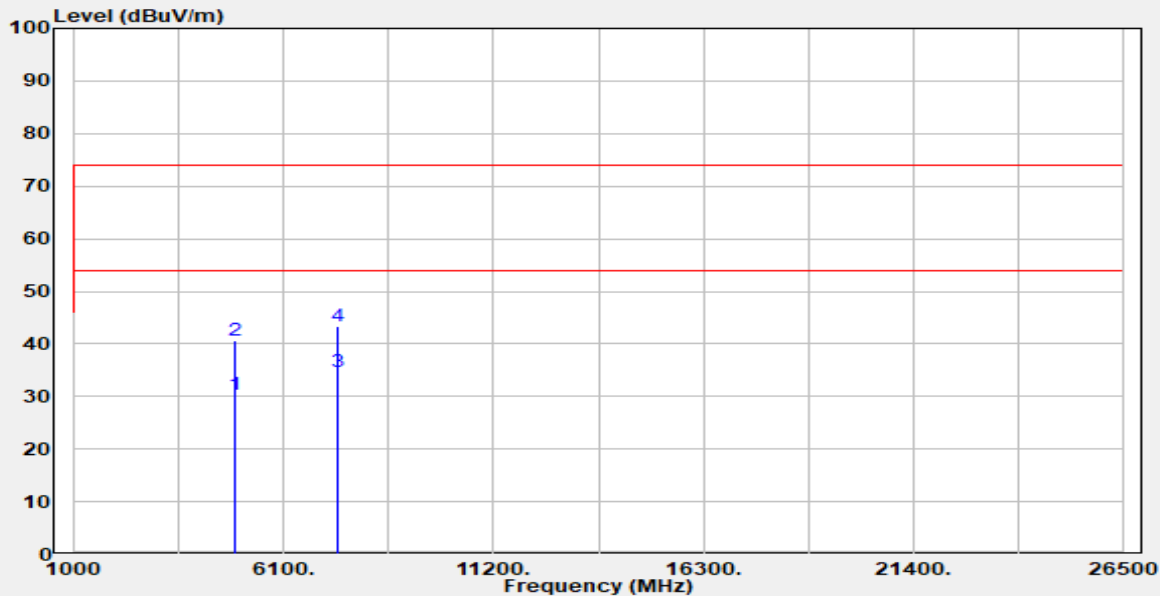
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Report Number :TERF2411003818E2
Operation Mode :802.11ax20 RU 26/8
Test Frequency :2462 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4924.00	Average	26.49	3.98	30.47	54.00	-23.53
4924.00	Peak	36.70	3.98	40.68	74.00	-33.32
7386.00	Average	25.13	9.46	34.59	54.00	-19.41
7386.00	Peak	33.87	9.46	43.33	74.00	-30.67

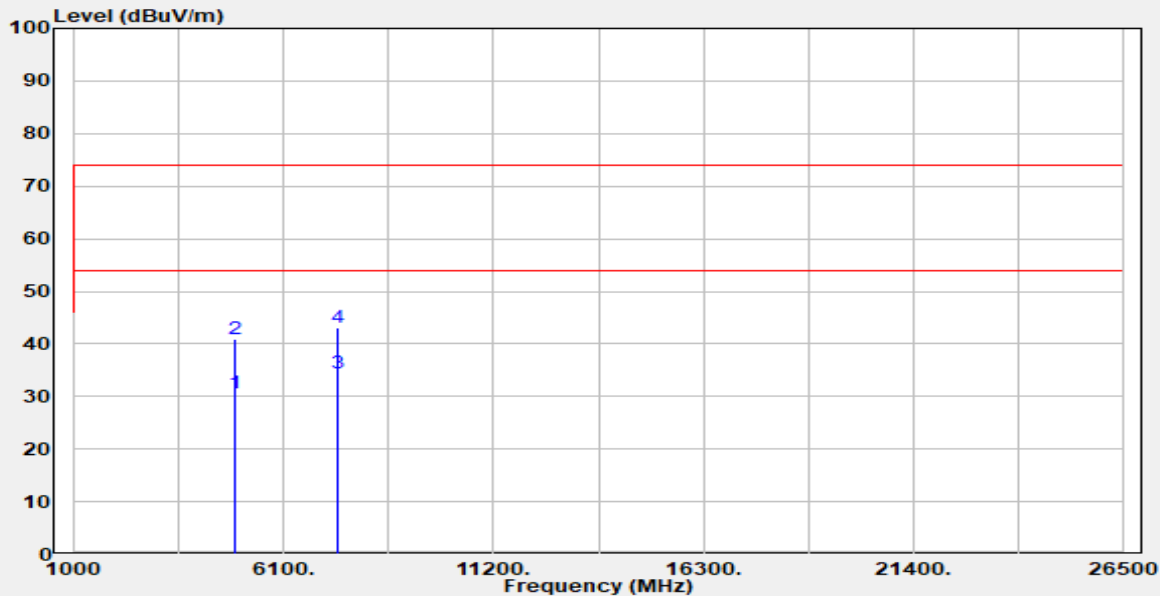
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Report Number :TERF2411003818E2
Operation Mode :802.11ax20 RU 52/40
Test Frequency :2462 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4924.00	Average	26.53	3.98	30.51	54.00	-23.49
4924.00	Peak	36.86	3.98	40.84	74.00	-33.16
7386.00	Average	24.85	9.46	34.31	54.00	-19.69
7386.00	Peak	33.75	9.46	43.21	74.00	-30.79

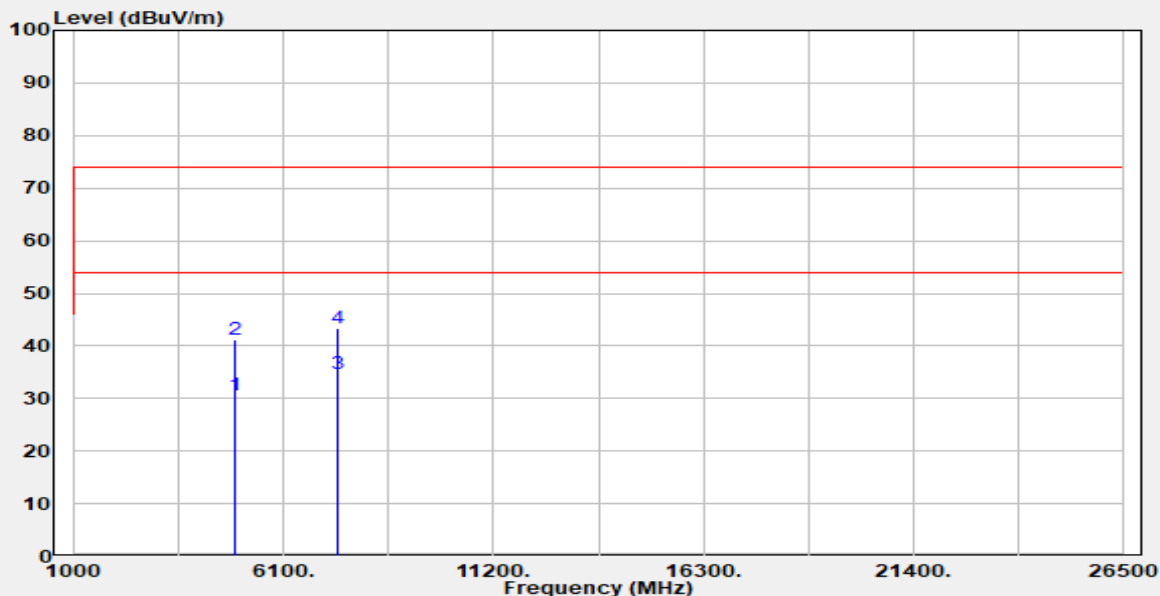
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Report Number :TERF2411003818E2
Operation Mode :802.11ax20 RU 52/40
Test Frequency :2462 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4924.00	Average	26.62	3.98	30.60	54.00	-23.40
4924.00	Peak	37.09	3.98	41.07	74.00	-32.93
7386.00	Average	25.31	9.46	34.77	54.00	-19.23
7386.00	Peak	33.91	9.46	43.37	74.00	-30.63

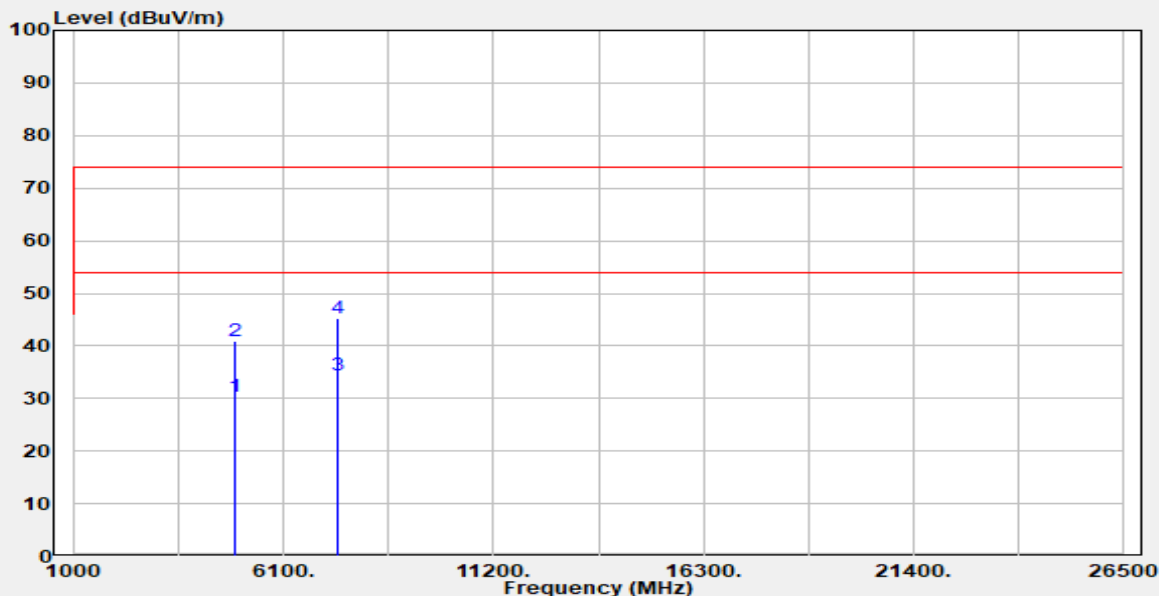
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Report Number :TERF2411003818E2
Operation Mode :802.11ax20 RU 106/54
Test Frequency :2462 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4924.00	Average	26.39	3.98	30.37	54.00	-23.63
4924.00	Peak	36.86	3.98	40.84	74.00	-33.16
7386.00	Average	25.07	9.46	34.53	54.00	-19.47
7386.00	Peak	35.77	9.46	45.23	74.00	-28.77

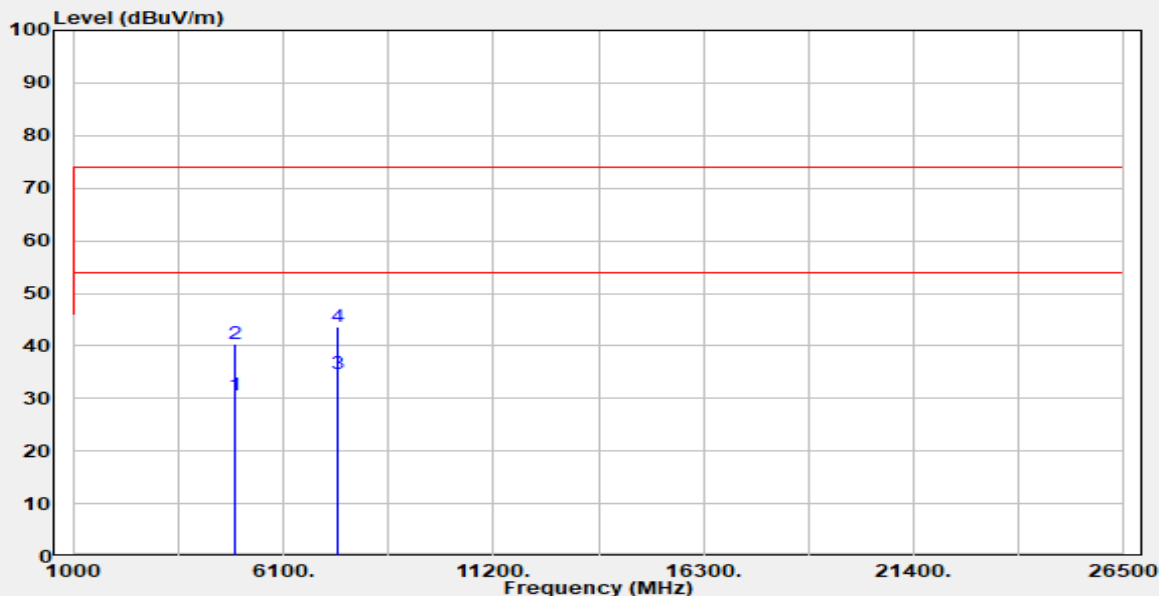
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Report Number :TERF2411003818E2
Operation Mode :802.11ax20 RU 106/54
Test Frequency :2462 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
4924.00	Average	26.55	3.98	30.53	54.00	-23.47
4924.00	Peak	36.49	3.98	40.47	74.00	-33.53
7386.00	Average	25.13	9.46	34.59	54.00	-19.41
7386.00	Peak	34.07	9.46	43.53	74.00	-30.47

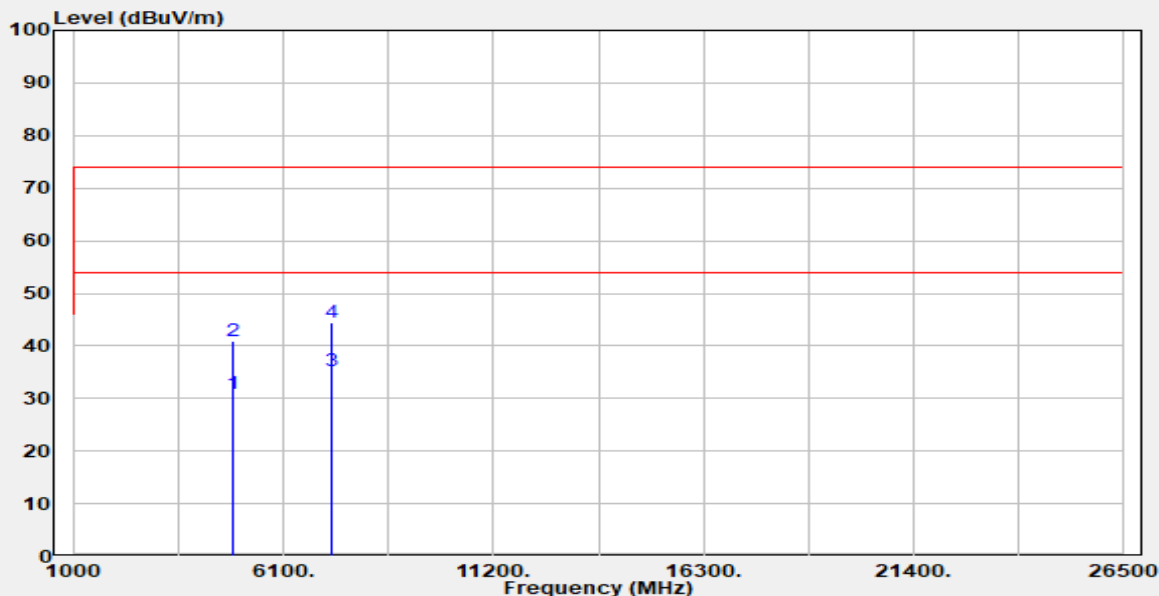
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Report Number :TERF2411003818E2
Operation Mode :802.11ax40 RU Full
Test Frequency :2422 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4844.00	Average	27.32	3.61	30.93	54.00	-23.07
4844.00	Peak	37.44	3.61	41.05	74.00	-32.95
7266.00	Average	25.62	9.55	35.17	54.00	-18.83
7266.00	Peak	34.76	9.55	44.31	74.00	-29.69

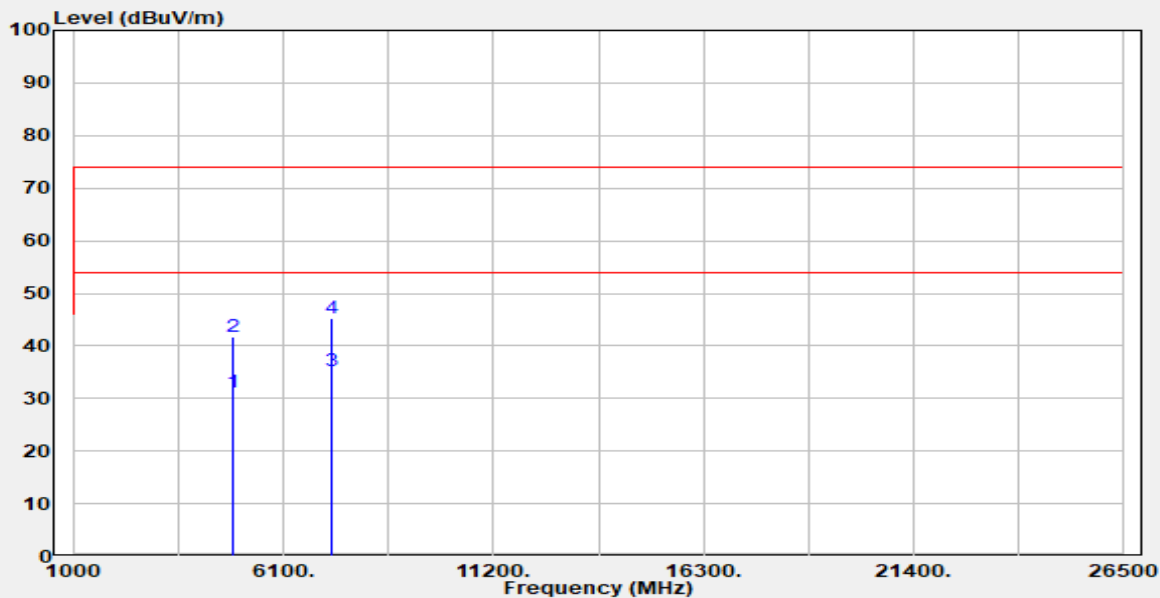
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Report Number :TERF2411003818E2
Operation Mode :802.11ax40 RU Full
Test Frequency :2422 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4844.00	Average	27.46	3.61	31.07	54.00	-22.93
4844.00	Peak	38.01	3.61	41.62	74.00	-32.38
7266.00	Average	25.56	9.55	35.11	54.00	-18.89
7266.00	Peak	35.57	9.55	45.12	74.00	-28.88

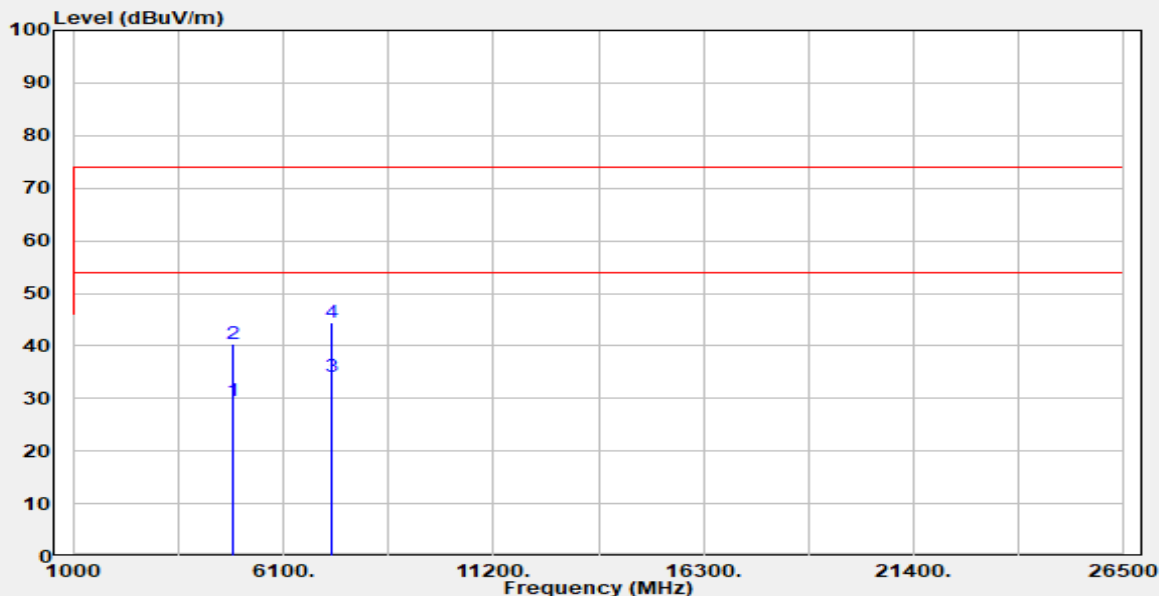
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Report Number :TERF2411003818E2
Operation Mode :802.11ax40 RU 242/61
Test Frequency :2422 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4844.00	Average	25.96	3.61	29.57	54.00	-24.43
4844.00	Peak	36.76	3.61	40.37	74.00	-33.63
7266.00	Average	24.49	9.55	34.04	54.00	-19.96
7266.00	Peak	34.80	9.55	44.35	74.00	-29.65

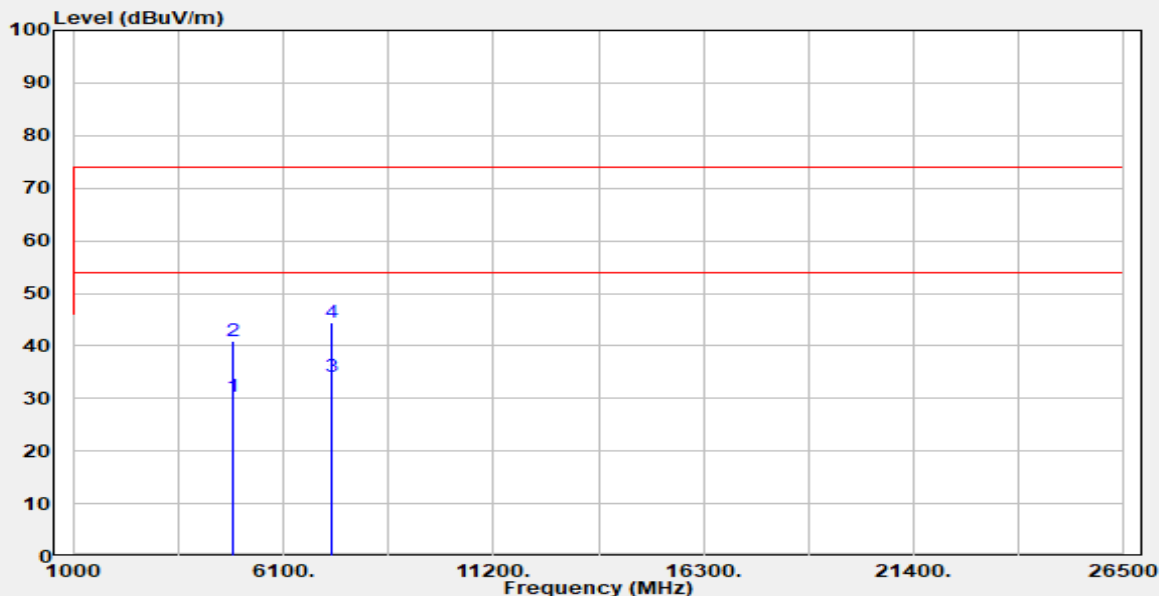
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Report Number :TERF2411003818E2
Operation Mode :802.11ax40 RU 242/61
Test Frequency :2422 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
4844.00	Average	26.80	3.61	30.41	54.00	-23.59
4844.00	Peak	37.29	3.61	40.90	74.00	-33.10
7266.00	Average	24.66	9.55	34.21	54.00	-19.79
7266.00	Peak	34.86	9.55	44.41	74.00	-29.59

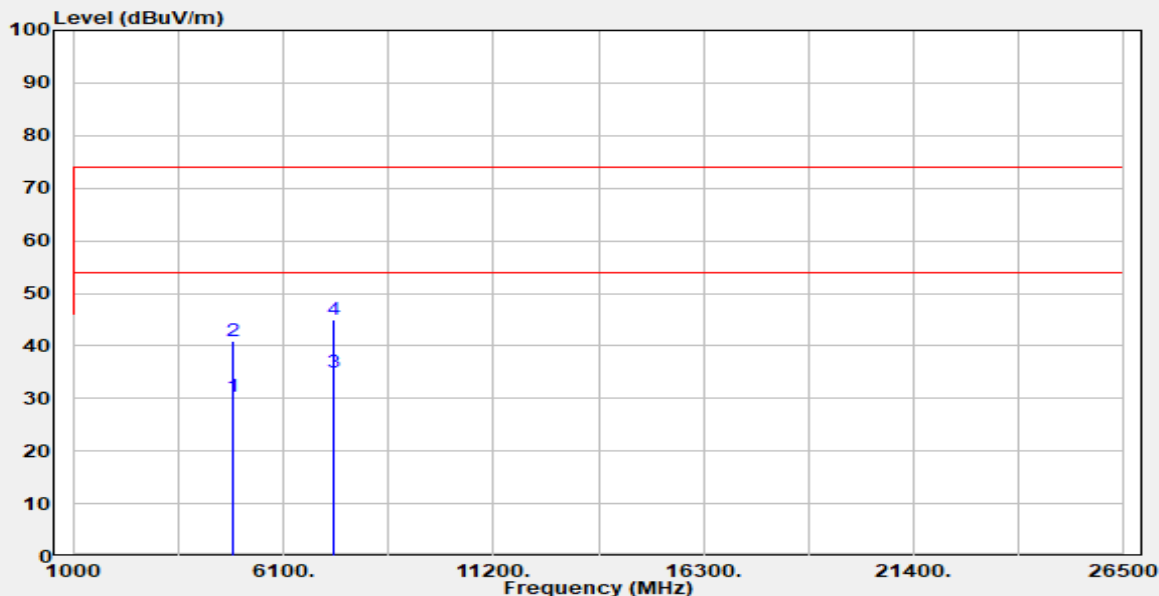
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Report Number :TERF2411003818E2
Operation Mode :802.11ax40 RU Full
Test Frequency :2437 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
4874.00	Average	26.52	3.79	30.31	54.00	-23.69
4874.00	Peak	37.09	3.79	40.88	74.00	-33.12
7311.00	Average	25.40	9.68	35.08	54.00	-18.92
7311.00	Peak	35.36	9.68	45.04	74.00	-28.96

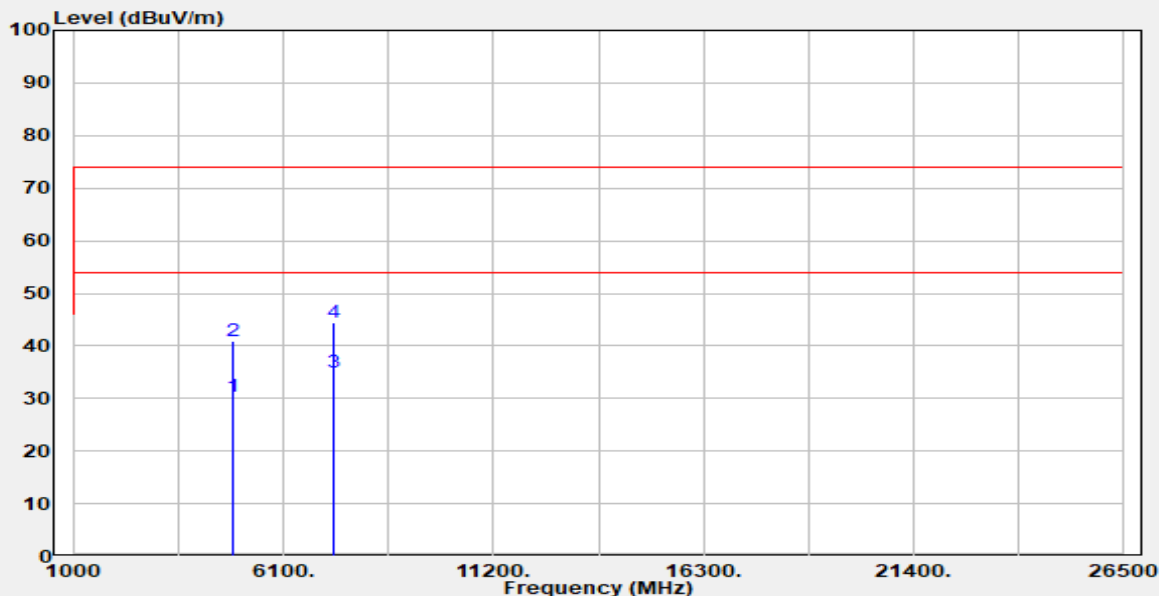
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Report Number :TERF2411003818E2
Operation Mode :802.11ax40 RU Full
Test Frequency :2437 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4874.00	Average	26.68	3.79	30.47	54.00	-23.53
4874.00	Peak	37.03	3.79	40.82	74.00	-33.18
7311.00	Average	25.38	9.68	35.06	54.00	-18.94
7311.00	Peak	34.86	9.68	44.54	74.00	-29.46

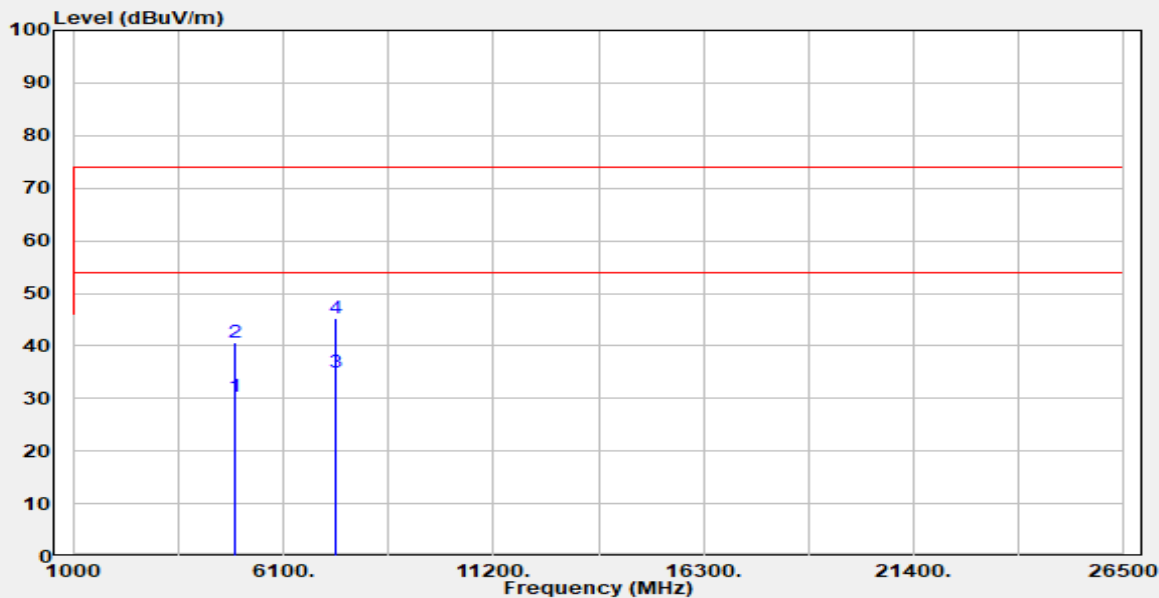
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Report Number :TERF2411003818E2
Operation Mode :802.11ax40 RU Full
Test Frequency :2452 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4904.00	Average	26.24	3.99	30.23	54.00	-23.77
4904.00	Peak	36.71	3.99	40.70	74.00	-33.30
7356.00	Average	25.30	9.62	34.92	54.00	-19.08
7356.00	Peak	35.70	9.62	45.32	74.00	-28.68

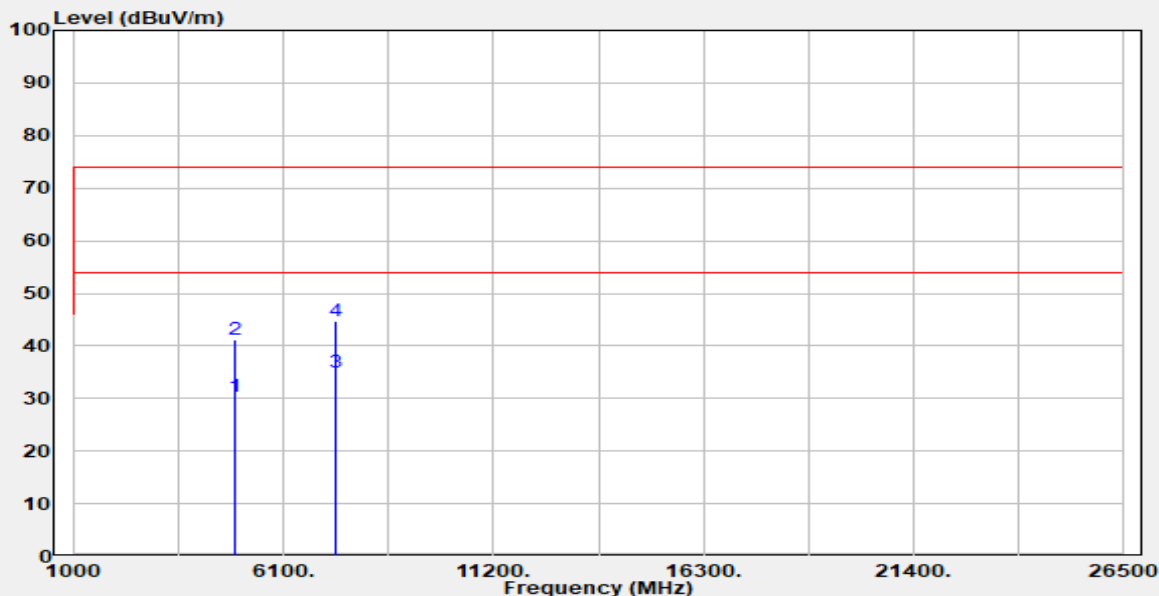
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Report Number :TERF2411003818E2
Operation Mode :802.11ax40 RU Full
Test Frequency :2452 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4904.00	Average	26.47	3.99	30.46	54.00	-23.54
4904.00	Peak	37.30	3.99	41.29	74.00	-32.71
7356.00	Average	25.20	9.62	34.82	54.00	-19.18
7356.00	Peak	35.03	9.62	44.65	74.00	-29.35

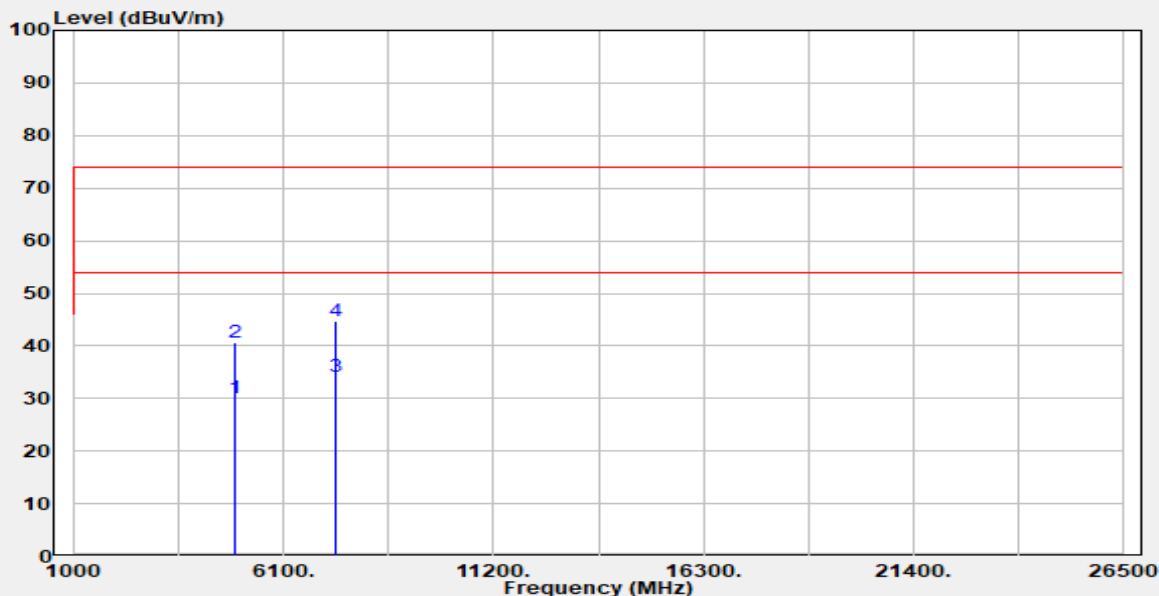
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Report Number :TERF2411003818E2
Operation Mode :802.11ax40 RU 242/62
Test Frequency :2452 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dB μ V	dB	dB μ V/m	dB μ V/m	dB
4904.00	Average	26.05	3.99	30.04	54.00	-23.96
4904.00	Peak	36.75	3.99	40.74	74.00	-33.26
7356.00	Average	24.61	9.62	34.23	54.00	-19.77
7356.00	Peak	35.00	9.62	44.62	74.00	-29.38

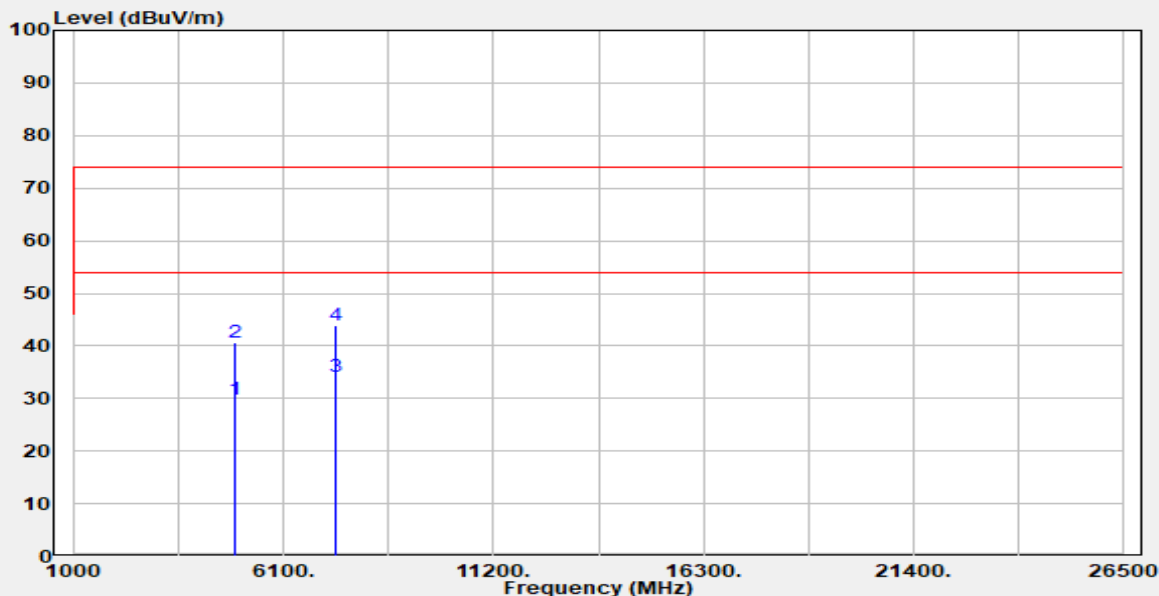
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Report Number :TERF2411003818E2
Operation Mode :802.11ax40 RU 242/62
Test Frequency :2452 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G Chamber
Test Date :2024-12-27
Temp./Humi. :21.6°C/57%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4904.00	Average	25.94	3.99	29.93	54.00	-24.07
4904.00	Peak	36.66	3.99	40.65	74.00	-33.35
7356.00	Average	24.48	9.62	34.10	54.00	-19.90
7356.00	Peak	34.36	9.62	43.98	74.00	-30.02

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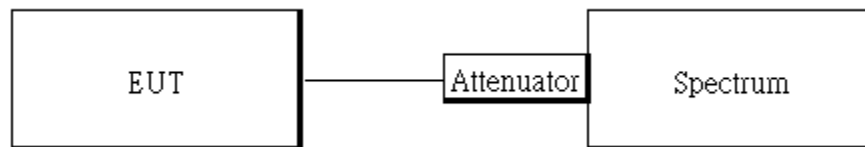
12 POWER SPECTRAL DENSITY

12.1 Standard Applicable

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

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

12.2 Test Setup



12.3 Measurement Procedure

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

Note:

1. When the antenna gain is greater than 6 dBi, the power spectral density limit attenuated accordingly.

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12.4 Power spectral density

POWER DENSITY 802.11b				
Freq. (MHz)	Ch0 PSD	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
2412	-4.36	-4.36	8.00	PASS
2437	-4.63	-4.63	8.00	PASS
2462	-5.01	-5.01	8.00	PASS

POWER DENSITY 802.11g				
Freq. (MHz)	Ch0 PSD	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
2412	-5.97	-5.97	8.00	PASS
2437	-8.28	-8.28	8.00	PASS
2462	-9.69	-9.69	8.00	PASS

POWER DENSITY 802.11n HT20				
Freq. (MHz)	Ch0 PSD	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
2412	-9.15	-9.15	8.00	PASS
2437	-5.61	-5.61	8.00	PASS
2462	-9.79	-9.79	8.00	PASS

POWER DENSITY 802.11n HT40				
Freq. (MHz)	Ch0 PSD	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
2422	-11.84	-11.84	8.00	PASS
2437	-10.32	-10.32	8.00	PASS
2452	-12.81	-12.81	8.00	PASS

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POWER DENSITY 802.11ax HE20					
Freq. (MHz)	RU Config	Ch0 PSD	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
2412	full	-10.34	-10.34	8.00	PASS
	26/0	-2.46	-2.46	8.00	PASS
	52/37	-3.39	-3.39	8.00	PASS
	106/53	-6.8	-6.80	8.00	PASS
2437	full	-7.9	-7.90	8.00	PASS
2462	full	-11.2	-11.20	8.00	PASS
	26/8	-2.57	-2.57	8.00	PASS
	52/40	-7.81	-7.81	8.00	PASS
	106/54	-7.67	-7.67	8.00	PASS

POWER DENSITY 802.11ax HE40					
Freq. (MHz)	RU Config	Ch0 PSD	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
2422	full	-11.84	-11.84	8.00	PASS
	242/61	-9.52	-9.52	8.00	PASS
2437	full	-10.2	-10.20	8.00	PASS
2452	full	-15.46	-15.46	8.00	PASS
	242/62	-11.47	-11.47	8.00	PASS

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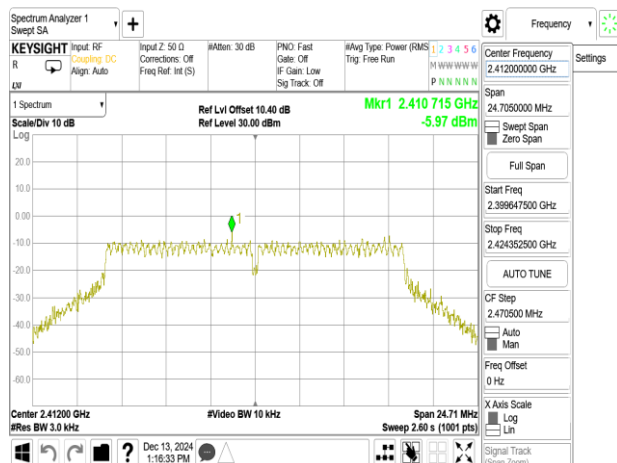
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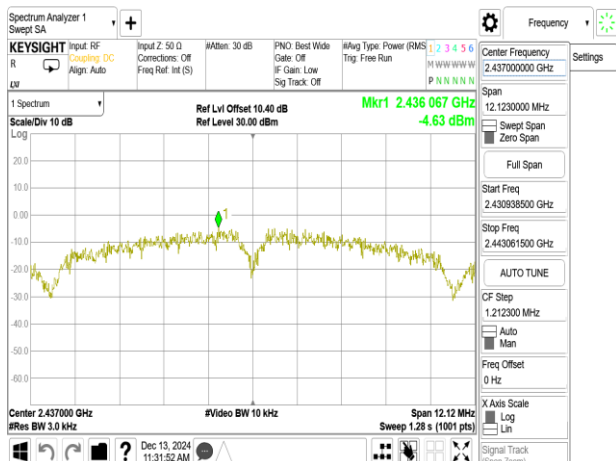
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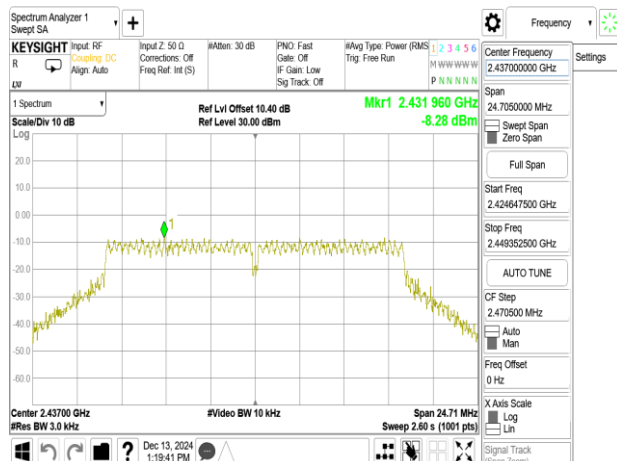
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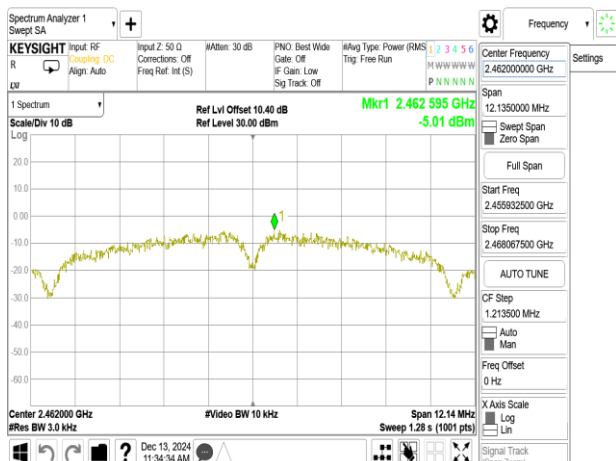
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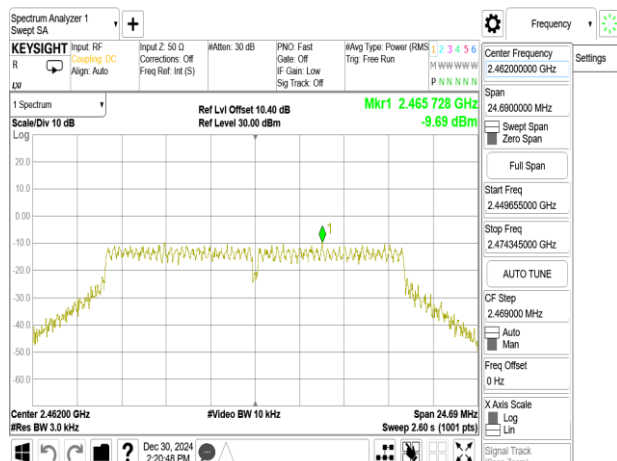
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802.11b_20MHz_Chain0_2462MHz



802.11g_20MHz_Chain0_2462MHz

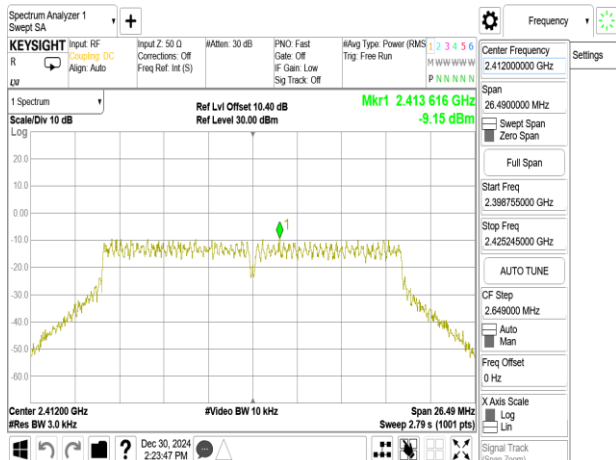


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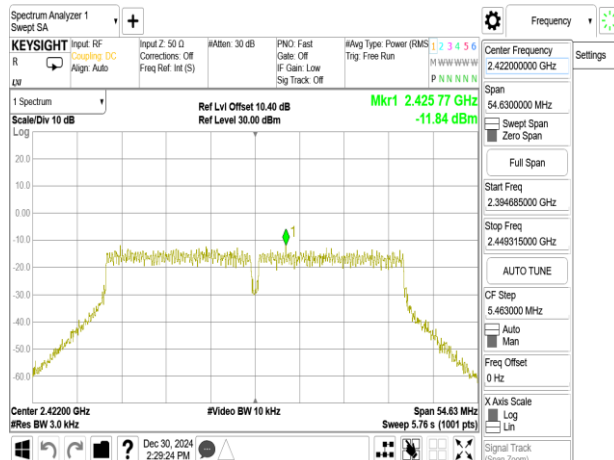
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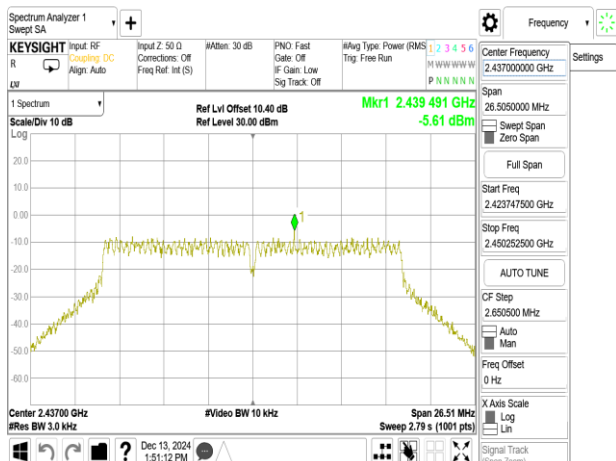
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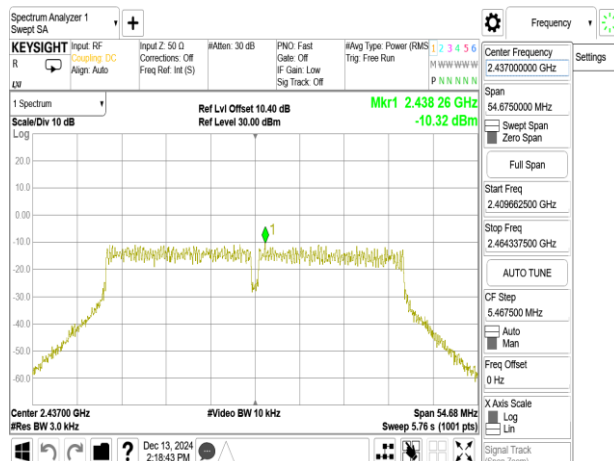
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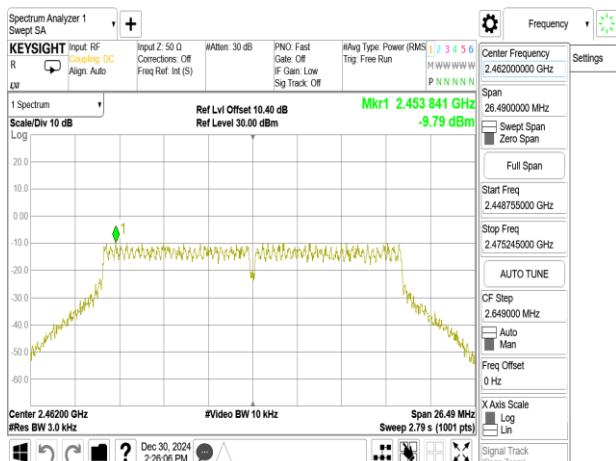
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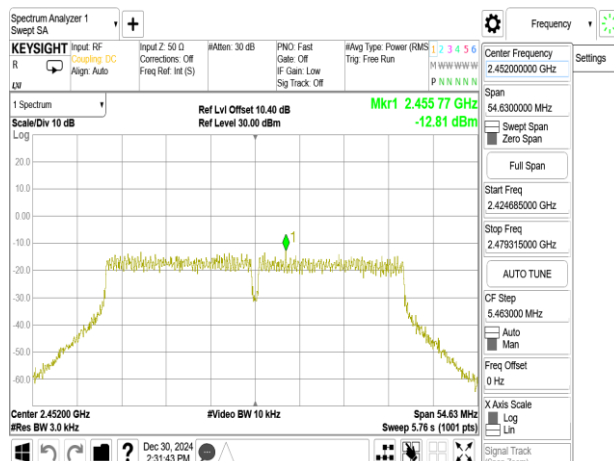
802.11n_40MHz_Chain0_2437MHz



802.11n_20MHz_Chain0_2462MHz



802.11n_40MHz_Chain0_2452MHz



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