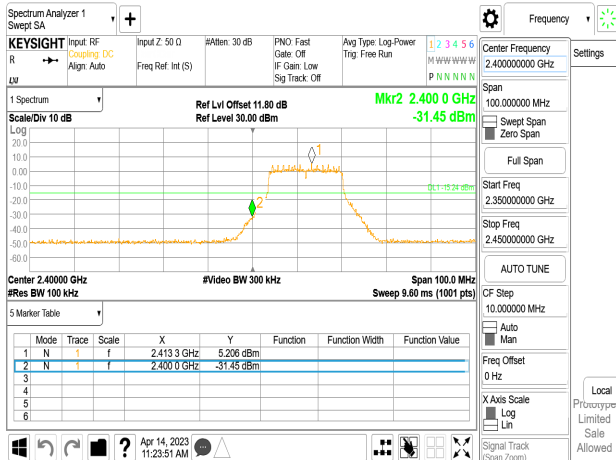
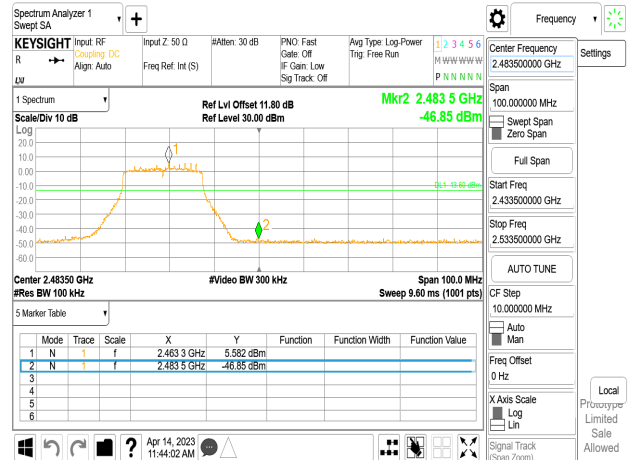


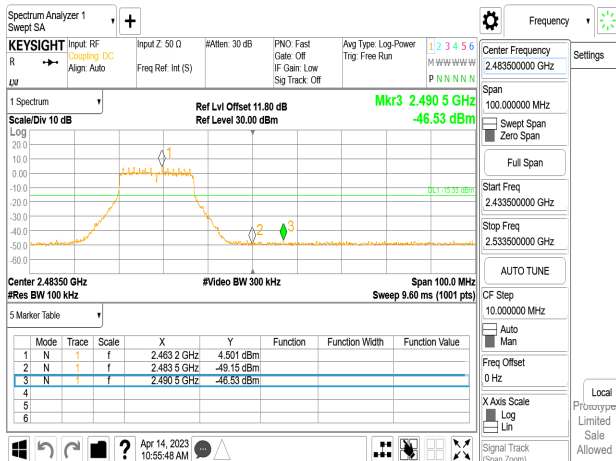
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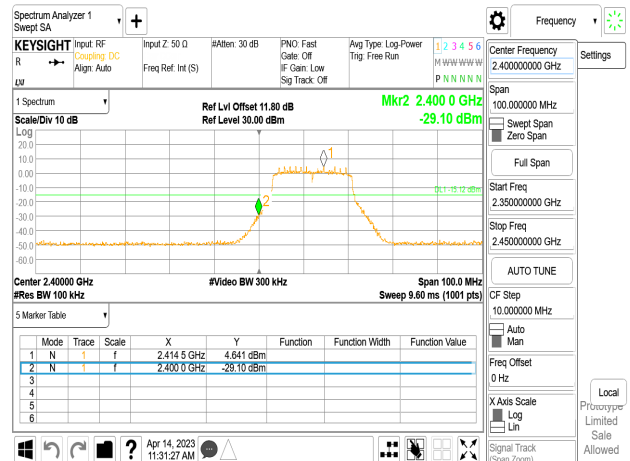
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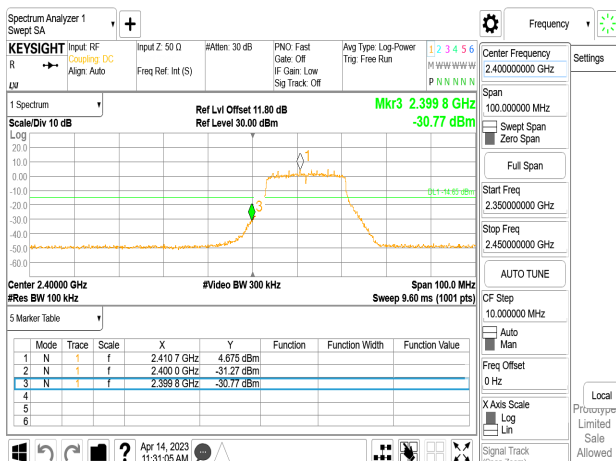
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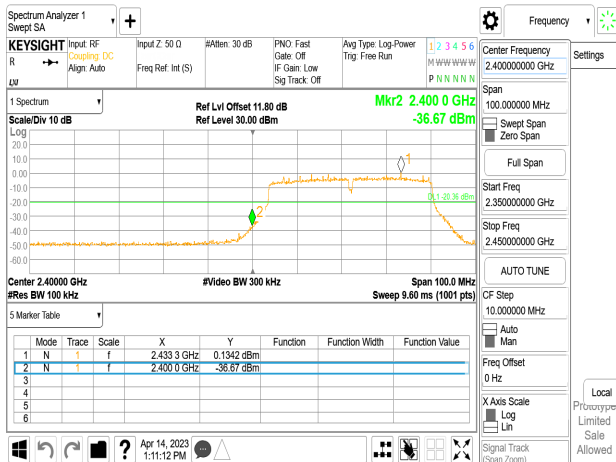


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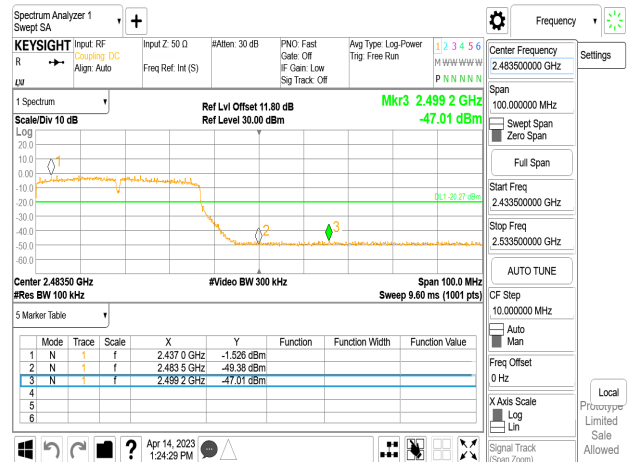
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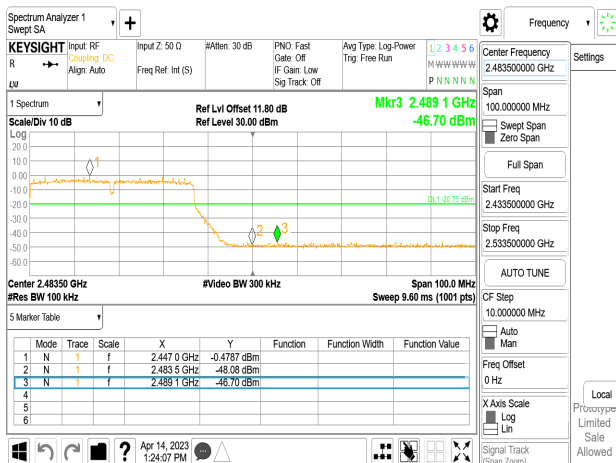
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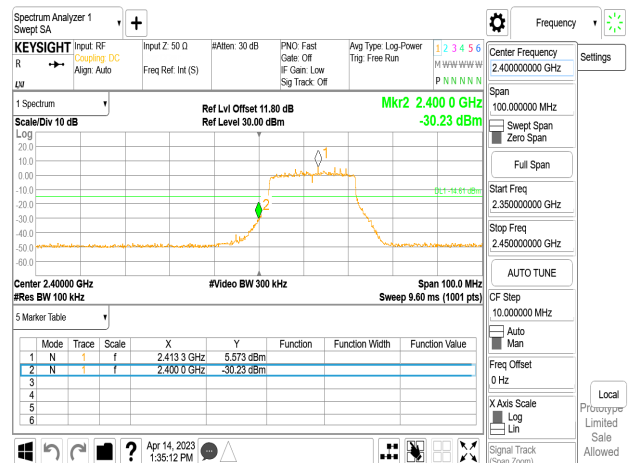
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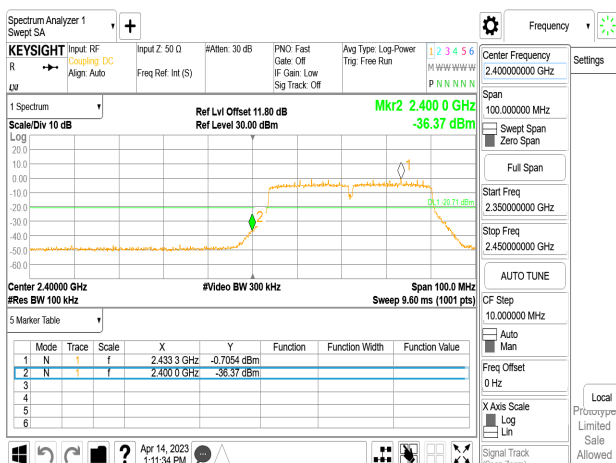
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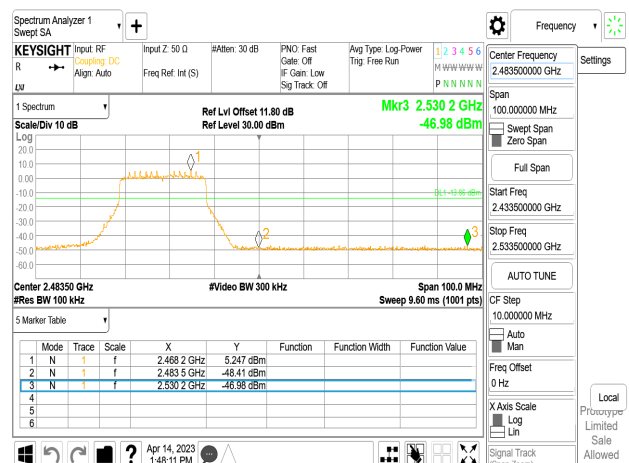
802.11ax\_20MHz\_Chain0\_2412MHz



802.11n\_40MHz\_Chain1\_2422MHz



802.11ax\_20MHz\_Chain0\_2462MHz



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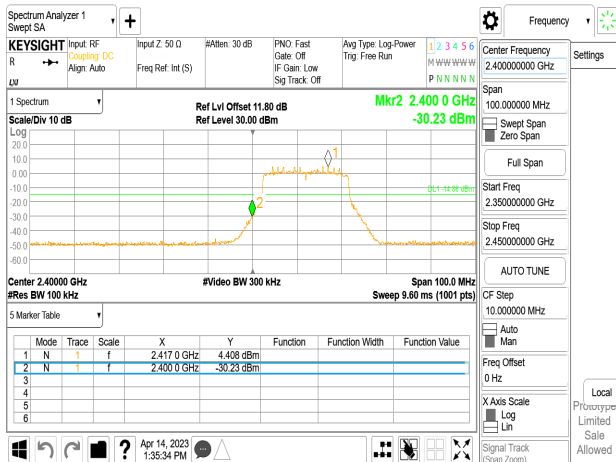
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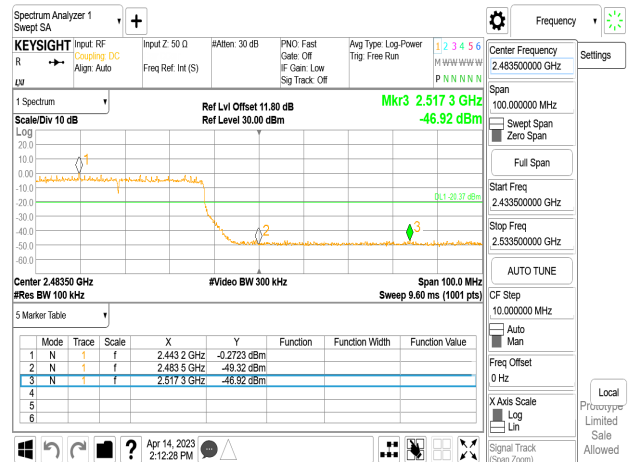
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802.11ax\_20MHz\_Chain1\_2412MHz



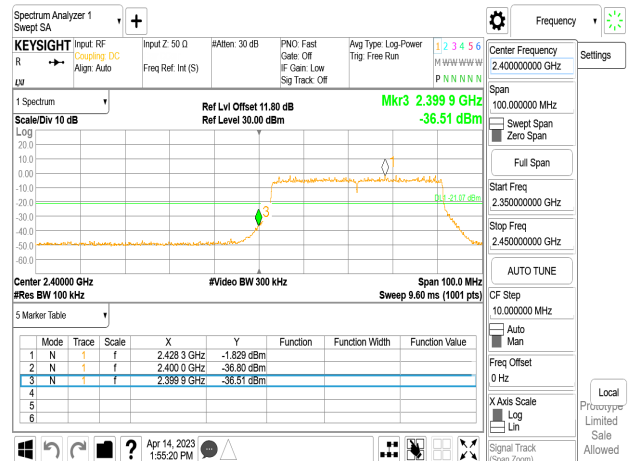
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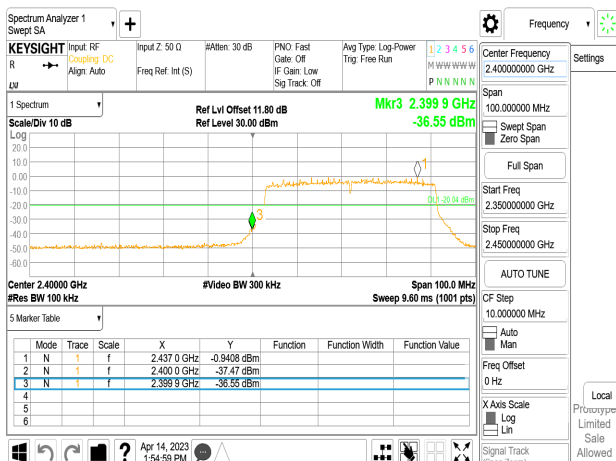
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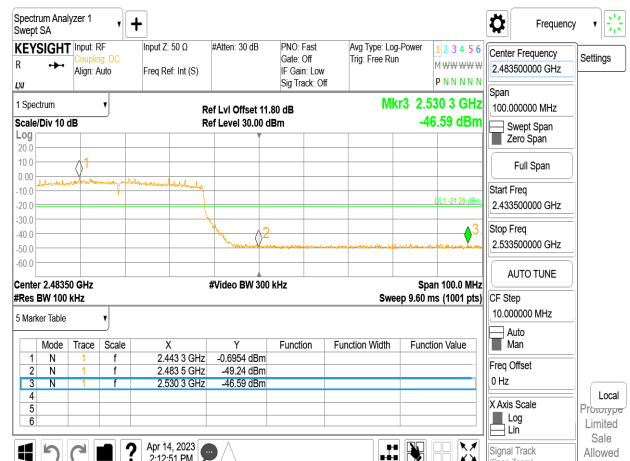
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802.11ax\_40MHz\_Chain0\_2422MHz



802.11ax\_40MHz\_Chain1\_2452MHz

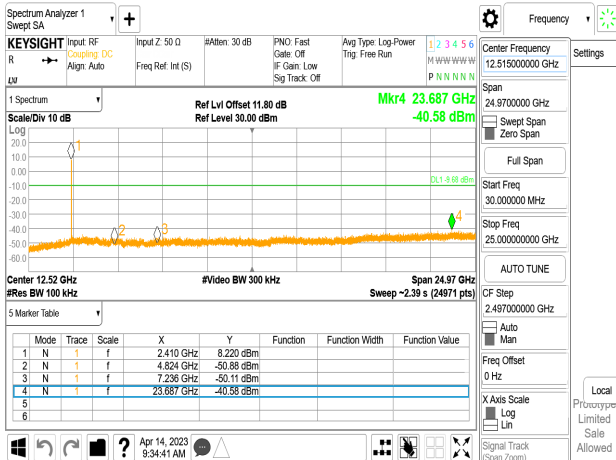


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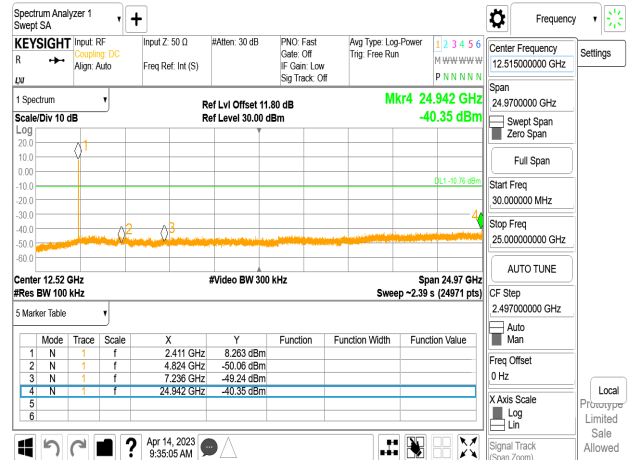
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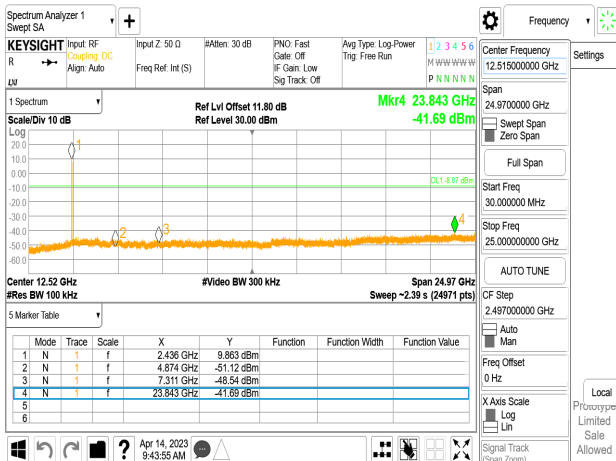
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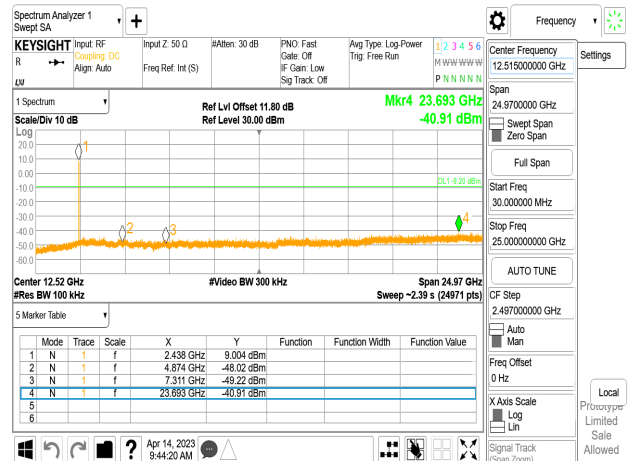
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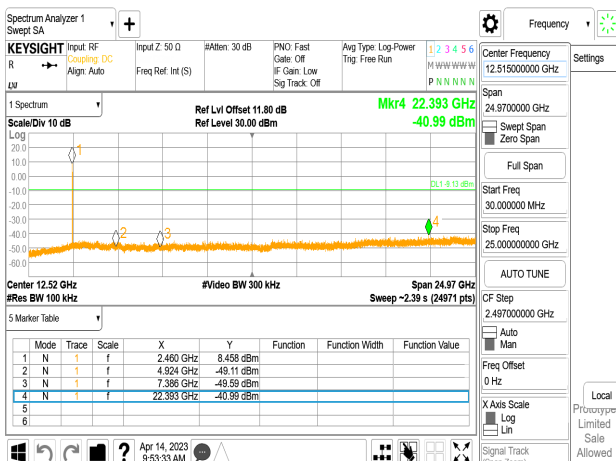
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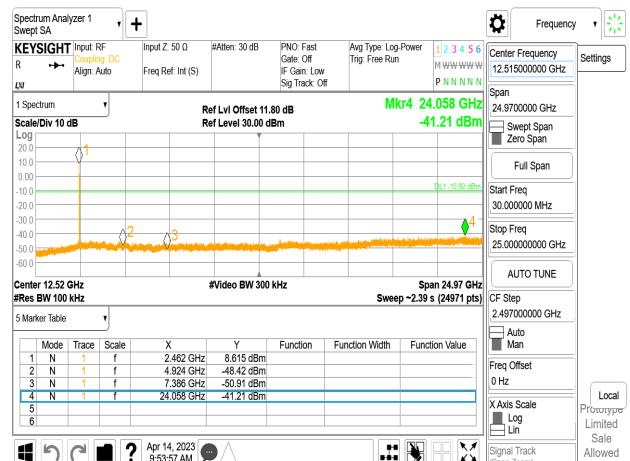
802.11b\_20MHz\_Chain1\_2437MHz



802.11b\_20MHz\_Chain0\_2462MHz



802.11b\_20MHz\_Chain1\_2462MHz



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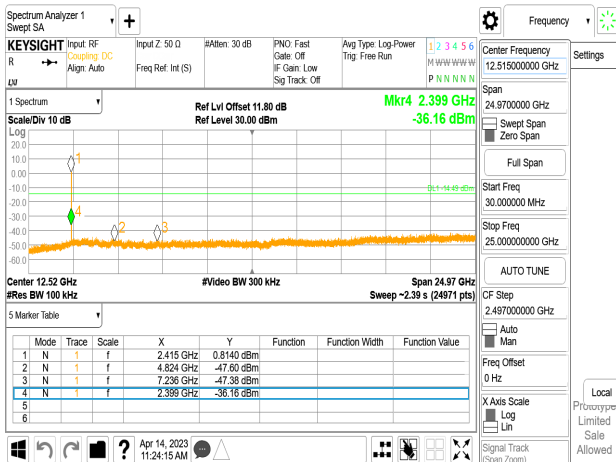
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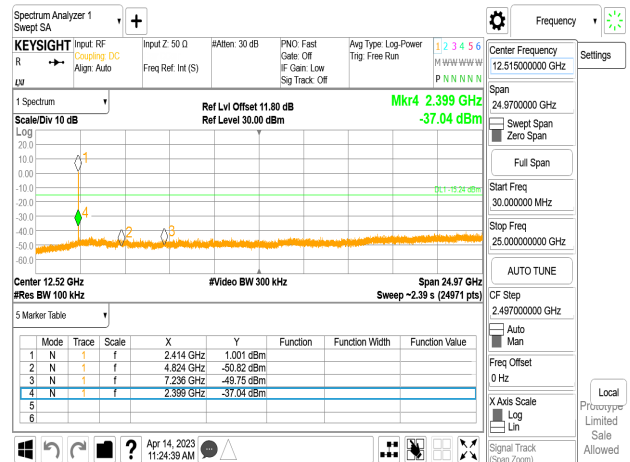
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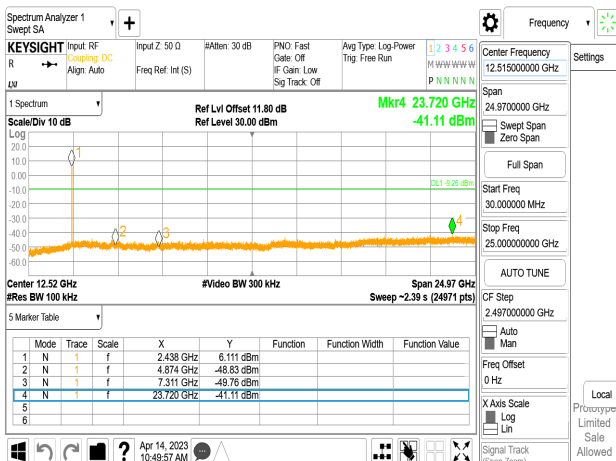
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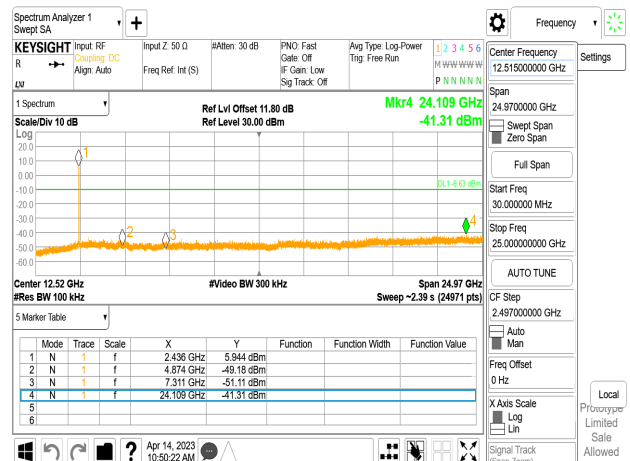
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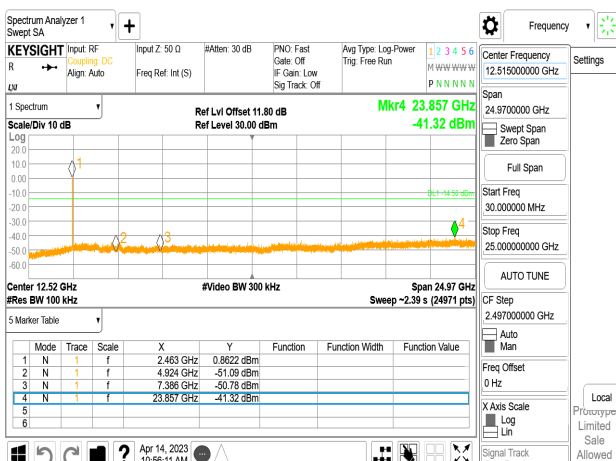
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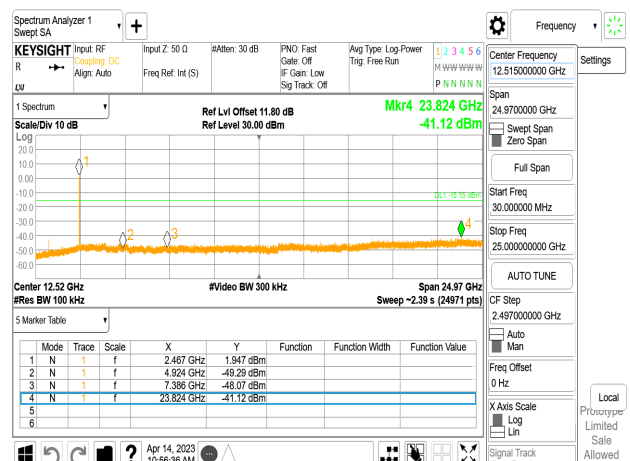
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802.11g\_20MHz\_Chain0\_2462MHz



802.11g\_20MHz\_Chain1\_2462MHz



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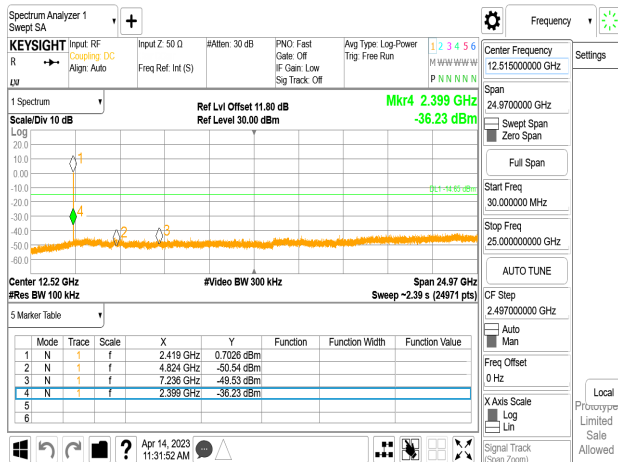
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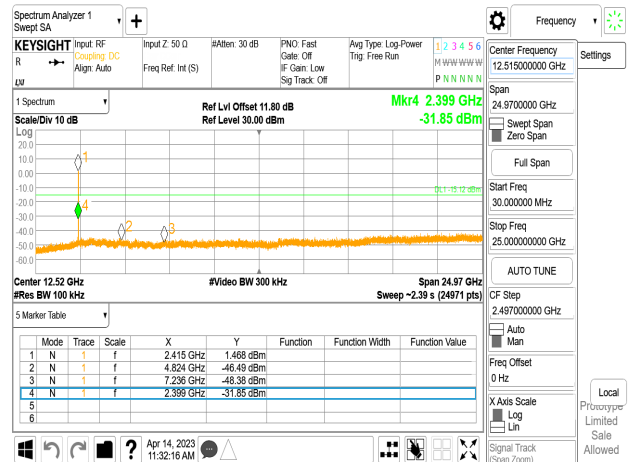
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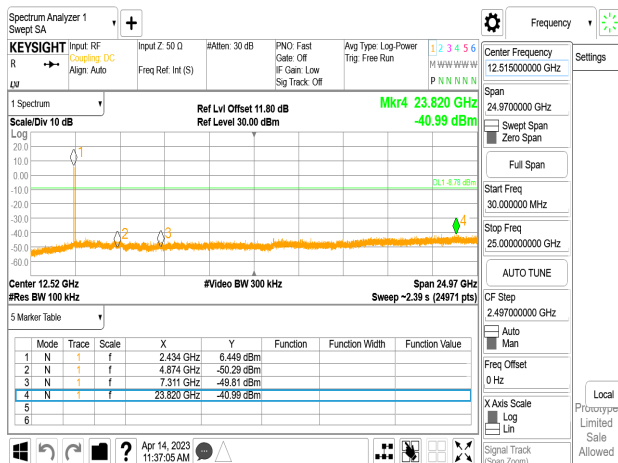
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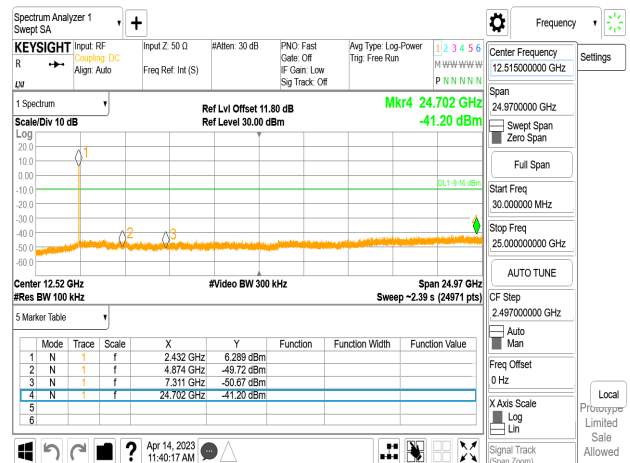
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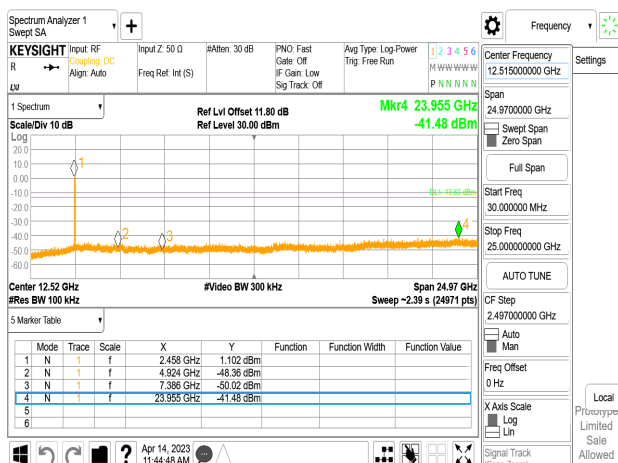
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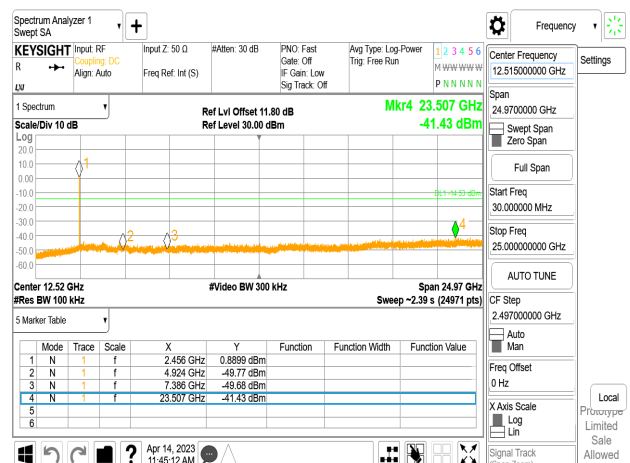
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802.11n\_20MHz\_Chain0\_2462MHz



802.11n\_20MHz\_Chain1\_2462MHz



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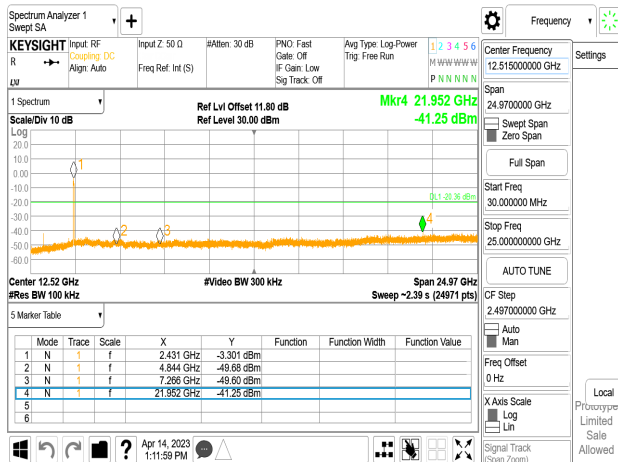
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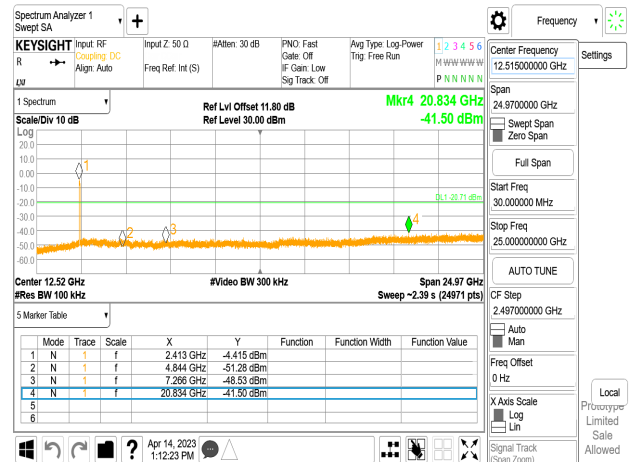
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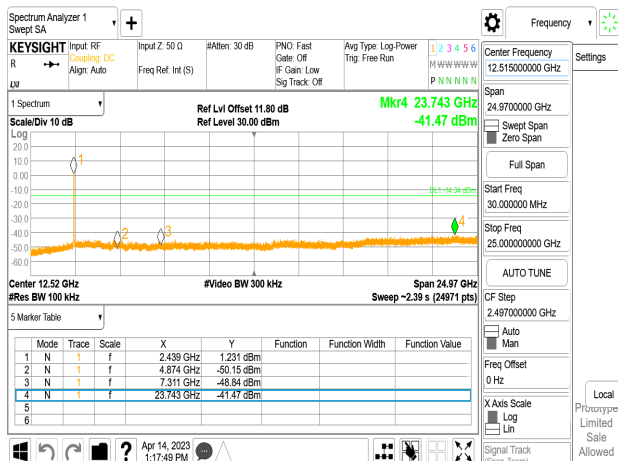
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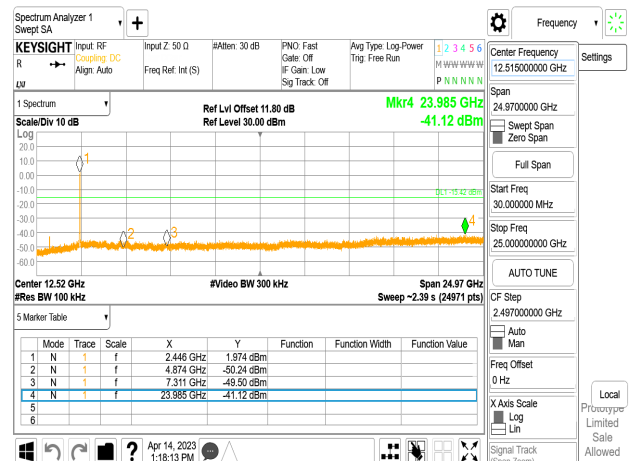
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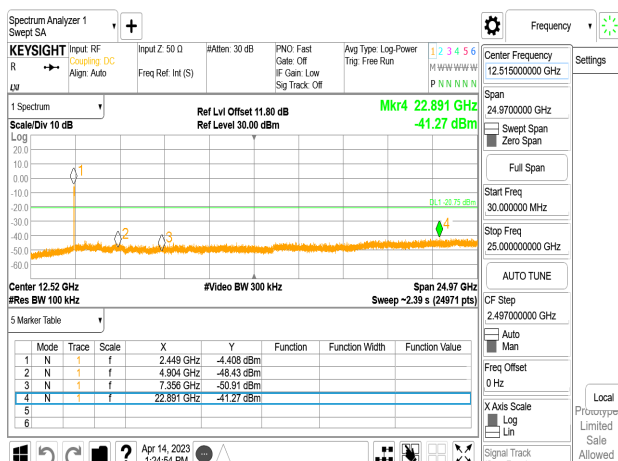
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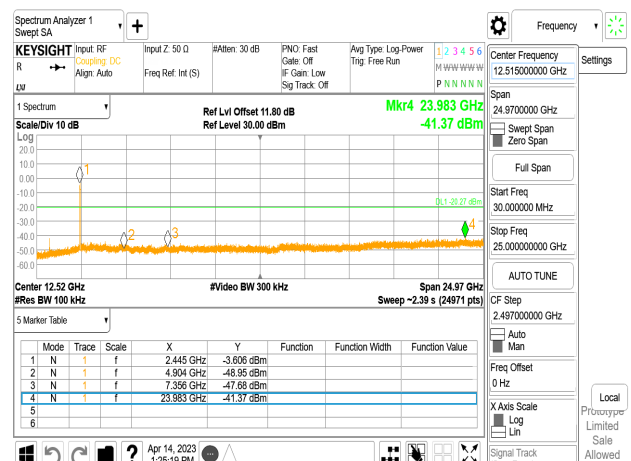
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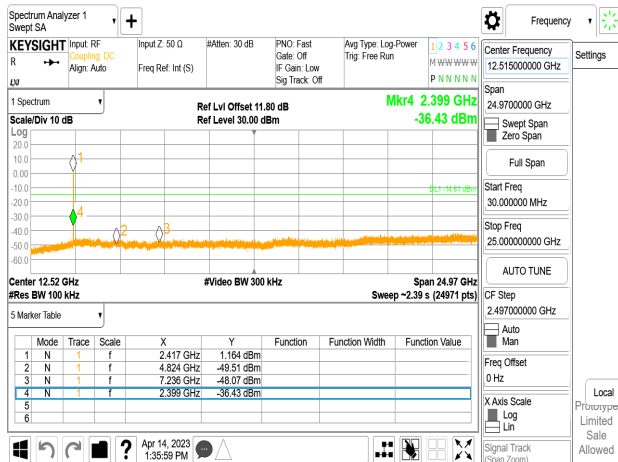


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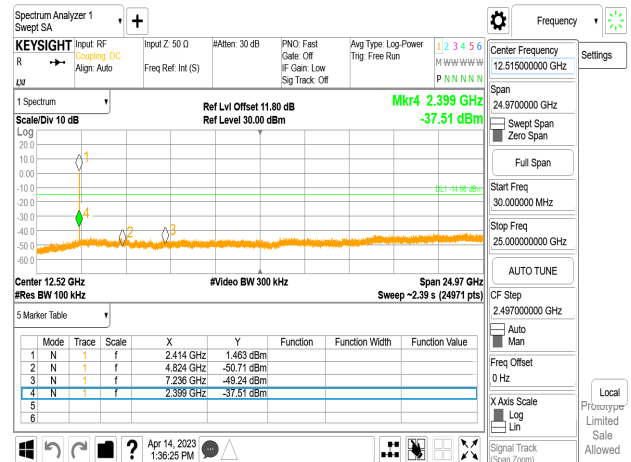
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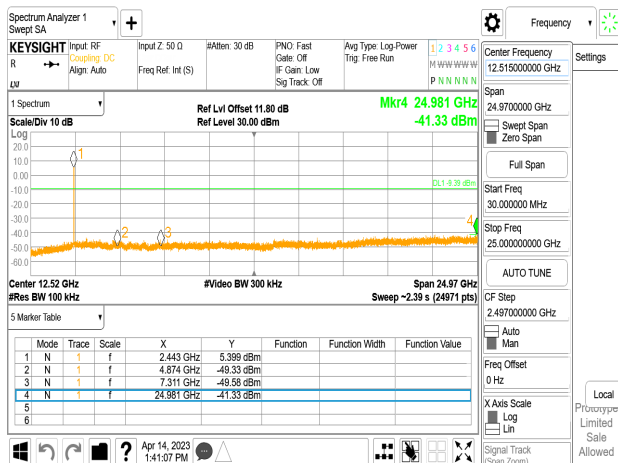
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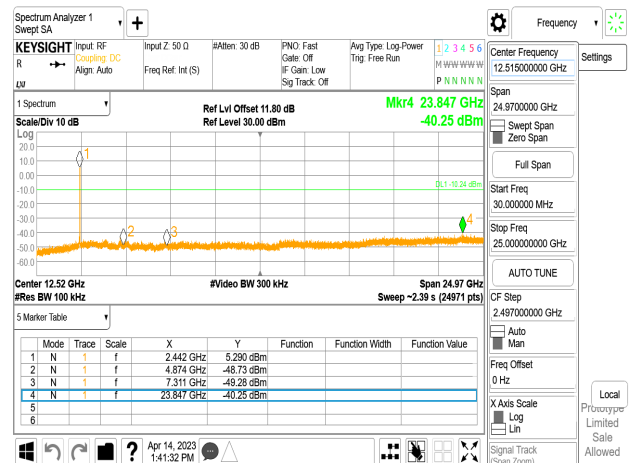
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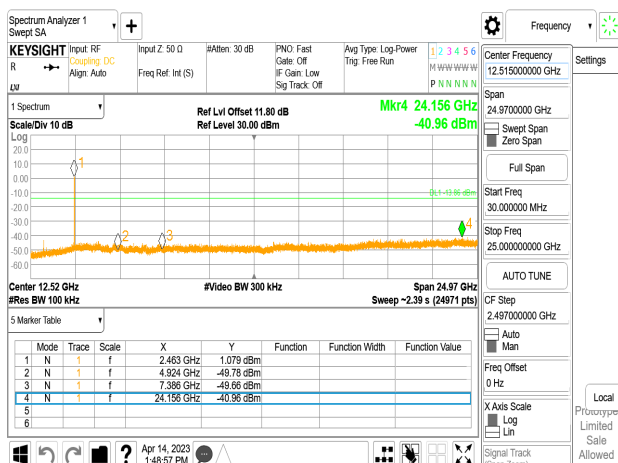
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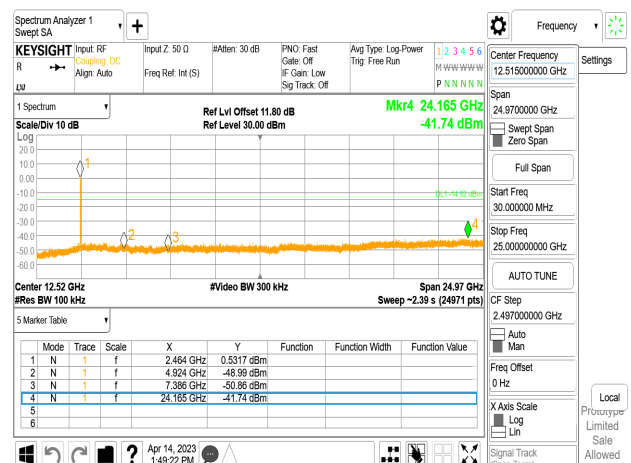
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802.11ax\_20MHz\_Chain0\_2462MHz



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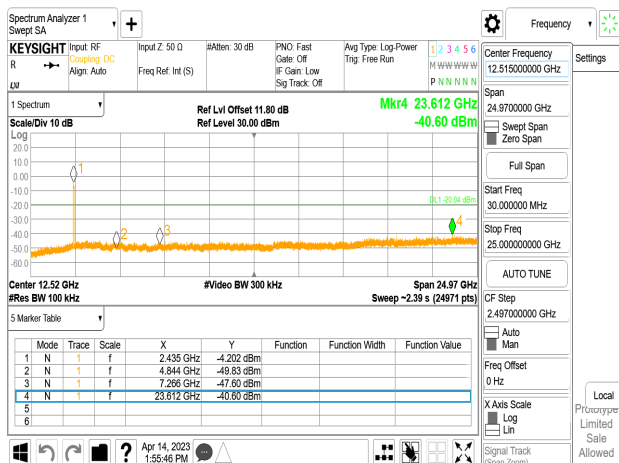
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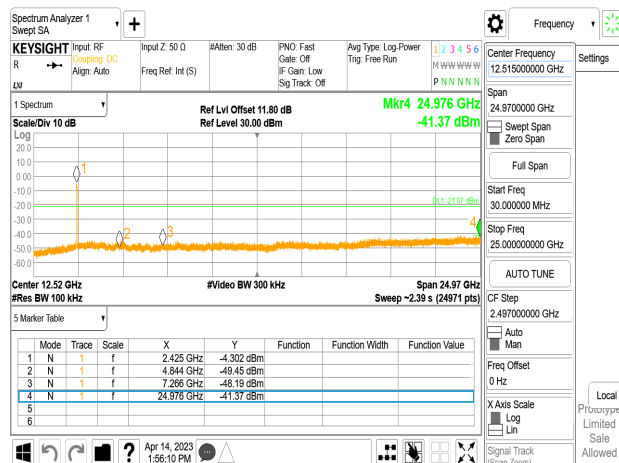
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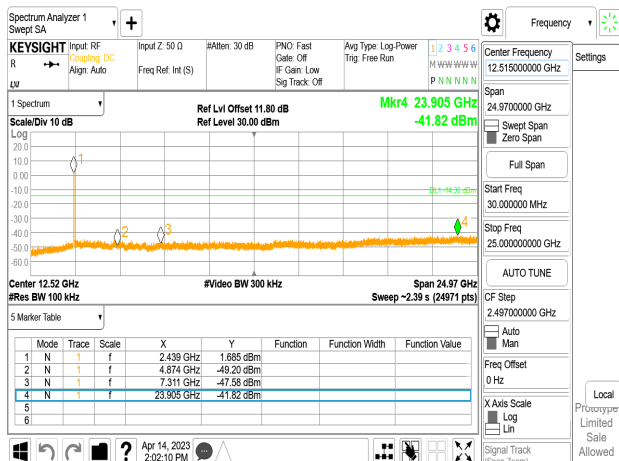
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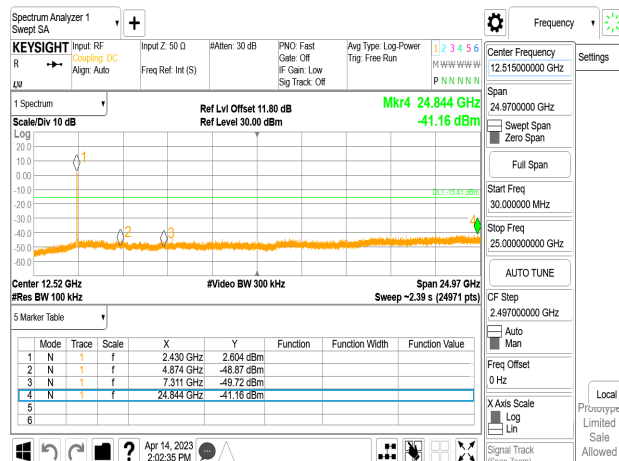
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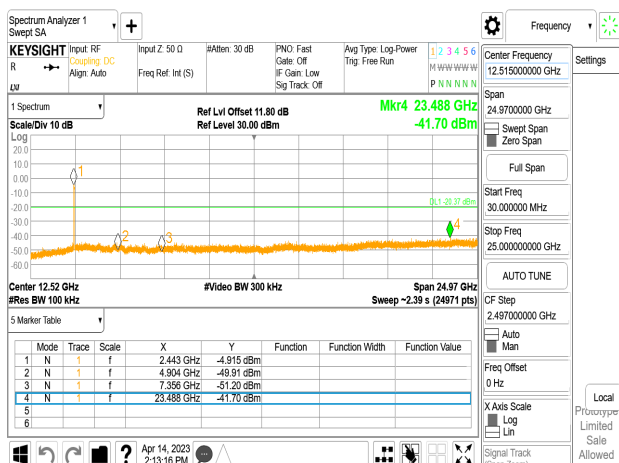
802.11ax\_40MHz\_Chain0\_2437MHz



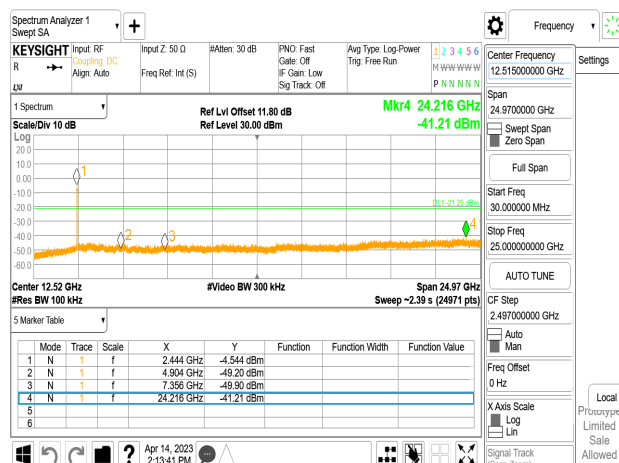
802.11ax\_40MHz\_Chain1\_2437MHz



802.11ax\_40MHz\_Chain0\_2452MHz



802.11ax\_40MHz\_Chain1\_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:**

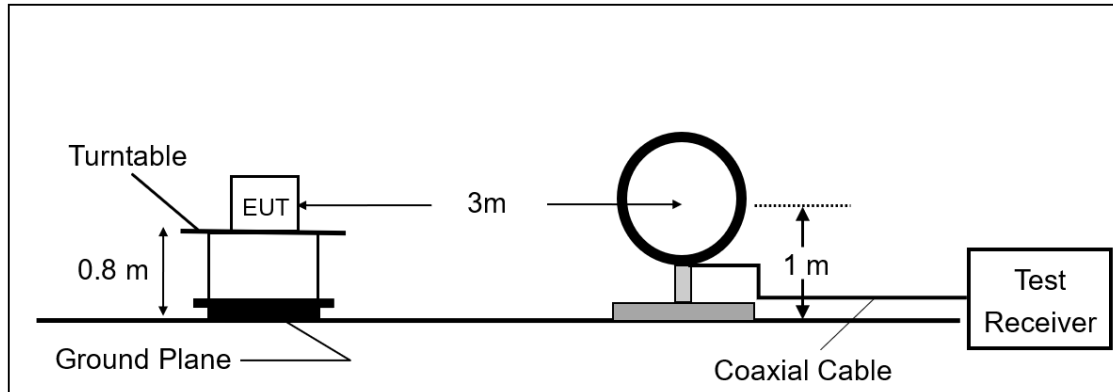
1. The lower limit shall apply at the transition frequencies.

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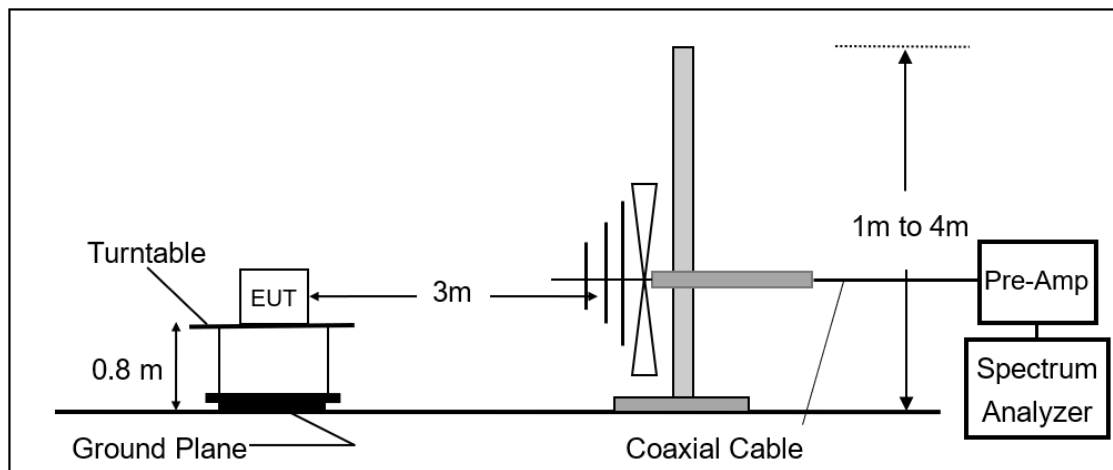
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## 11.2 Test Setup

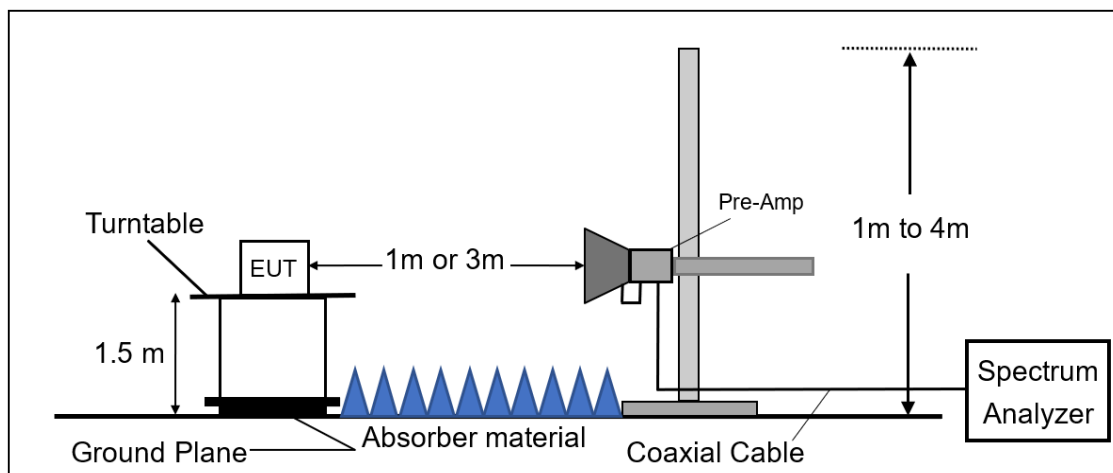
(A) Radiated Emission Test Set-Up, Frequency Below 30MHz.



(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.

### 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  $20 \cdot \log(uV/m)$*

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*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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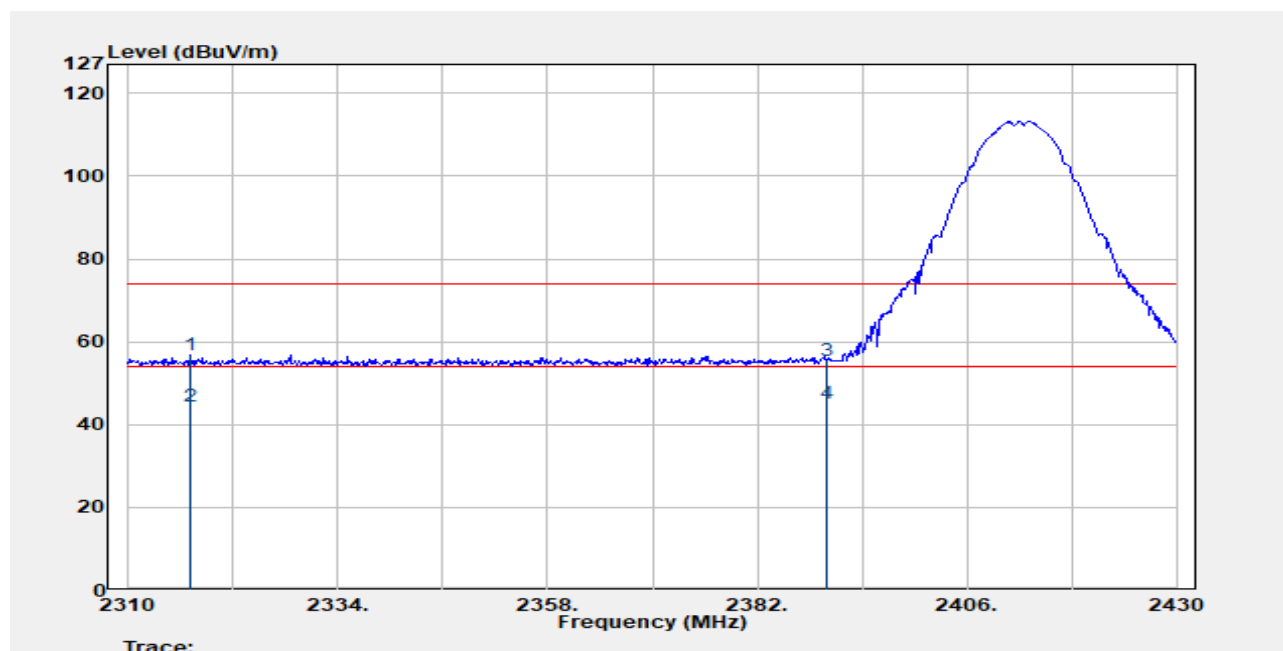
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## 11.6.1 Radiated Band Edge Measurement Result

Report Number :TERF2303000752ER  
 Operation Mode :802.11b  
 Test Frequency :2412 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



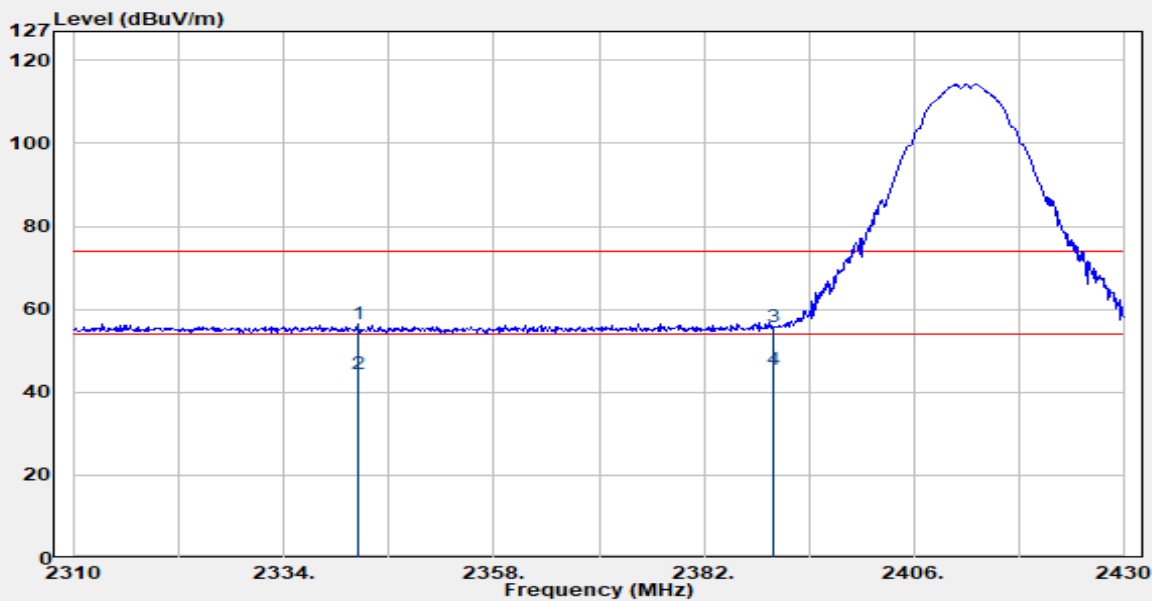
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2317.080	Peak	61.25	-4.41	56.83	74.00	-17.17
2317.080	Average	48.84	-4.41	44.43	54.00	-9.57
2390.000	Peak	59.80	-4.25	55.55	74.00	-18.45
2390.000	Average	49.41	-4.25	45.16	54.00	-8.84

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Report Number :TERF2303000752ER  
 Operation Mode :802.11b  
 Test Frequency :2412 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



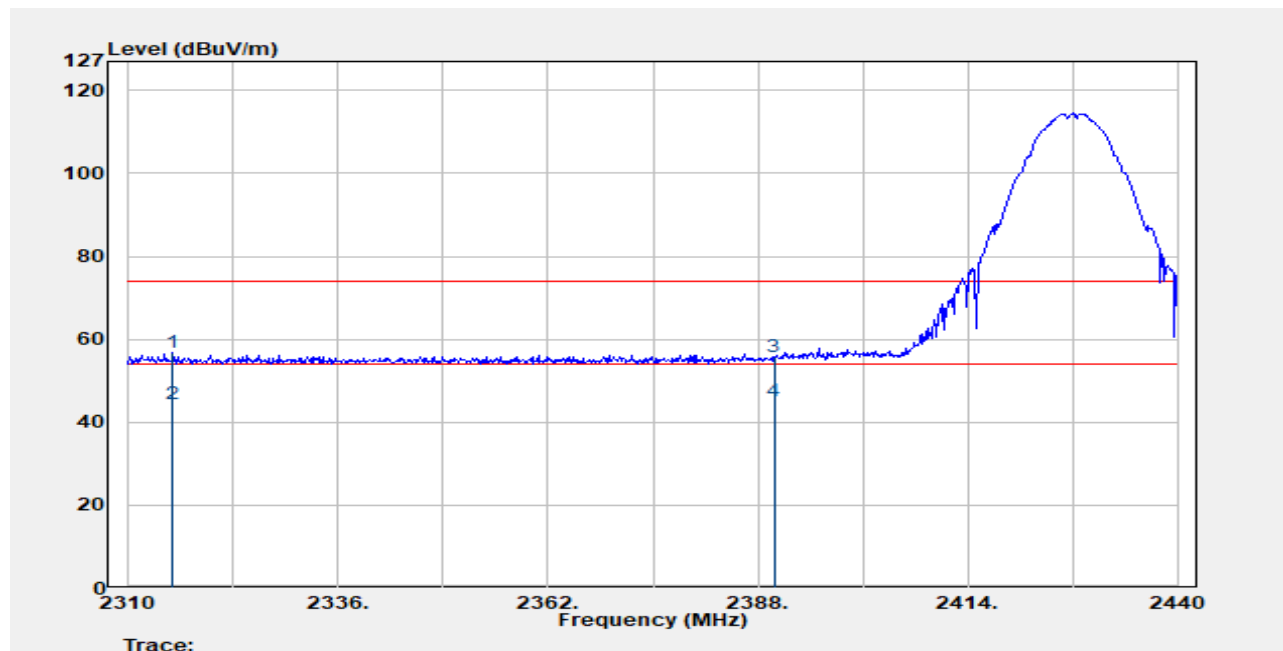
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2342.400	Peak	60.99	-4.52	56.48	74.00	-17.52
2342.400	Average	48.82	-4.52	44.30	54.00	-9.70
2390.000	Peak	59.99	-4.25	55.74	74.00	-18.26
2390.000	Average	49.65	-4.25	45.40	54.00	-8.60

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Report Number :TERF2303000752ER  
 Operation Mode :802.11b  
 Test Frequency :2427 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2315.460	Peak	61.17	-4.41	56.76	74.00	-17.24
2315.460	Average	48.83	-4.41	44.42	54.00	-9.58
2390.000	Peak	59.91	-4.25	55.66	74.00	-18.34
2390.000	Average	49.24	-4.25	44.99	54.00	-9.01

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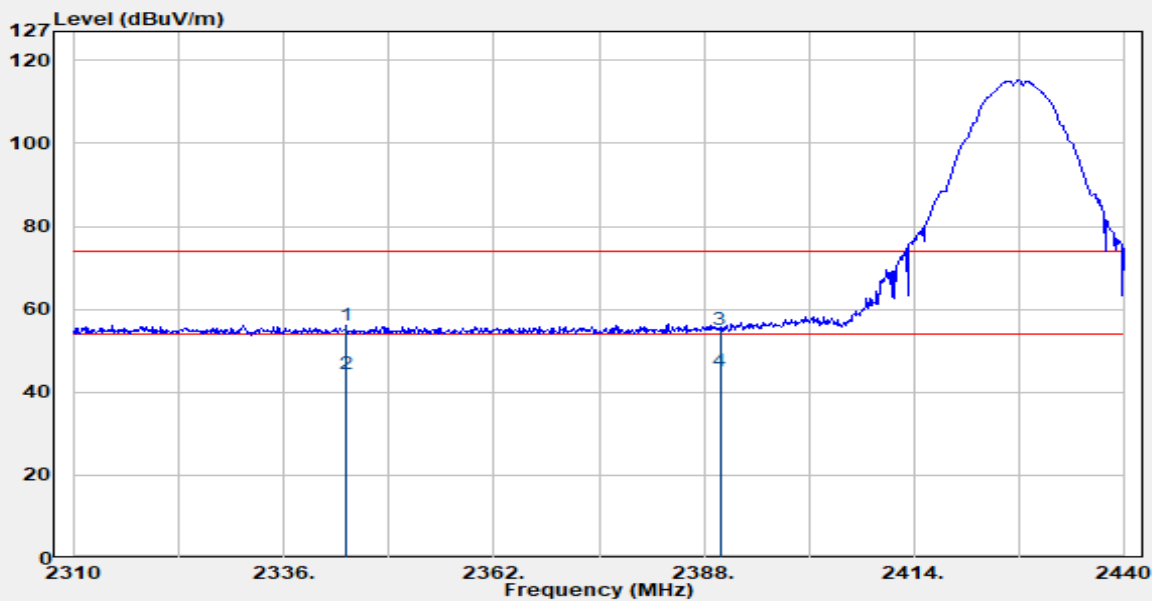
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Report Number :TERF2303000752ER  
 Operation Mode :802.11b  
 Test Frequency :2427 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2343.670	Peak	60.55	-4.52	56.02	74.00	-17.98
2343.670	Average	48.77	-4.52	44.25	54.00	-9.75
2390.000	Peak	59.38	-4.25	55.13	74.00	-18.87
2390.000	Average	49.40	-4.25	45.15	54.00	-8.85

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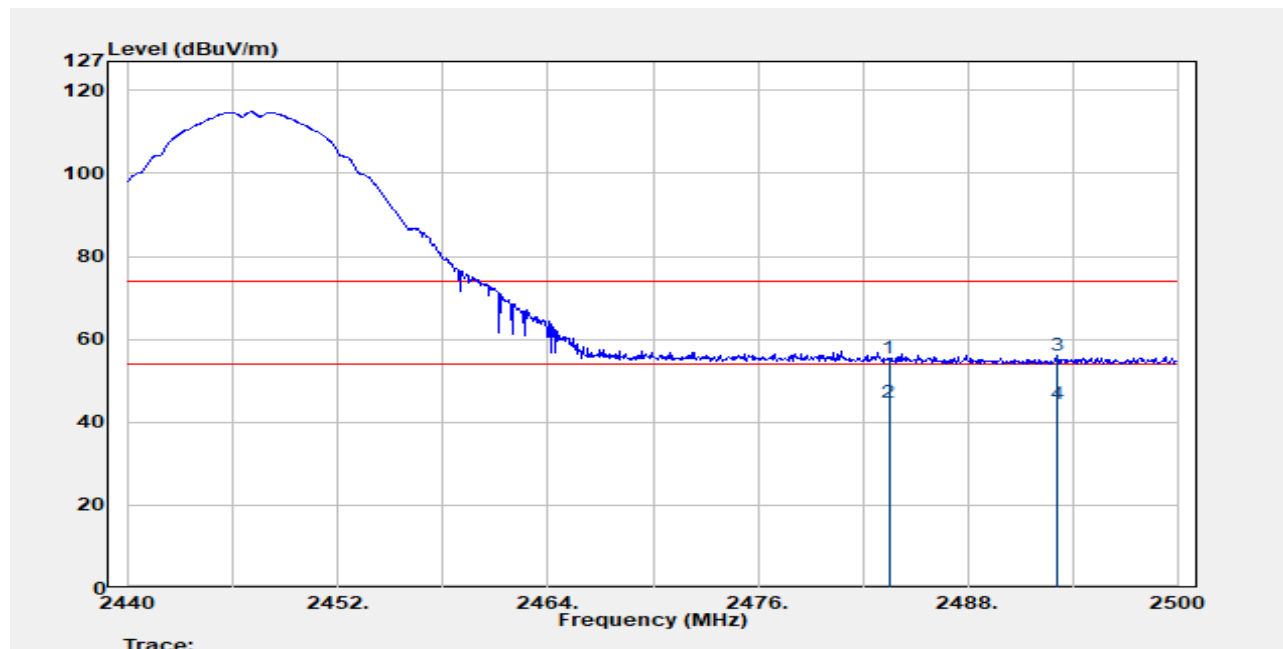
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Report Number :TERF2303000752ER  
Operation Mode :802.11b  
Test Frequency :2447 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-10  
Temp./Humi. :23.2/46  
Antenna Pol. :Vertical  
Engineer :Nick Lin



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2483.500	Peak	60.22	-4.64	55.58	74.00	-18.42
2483.500	Average	49.29	-4.64	44.65	54.00	-9.35
2493.100	Peak	60.70	-4.61	56.09	74.00	-17.91
2493.100	Average	48.92	-4.61	44.31	54.00	-9.69

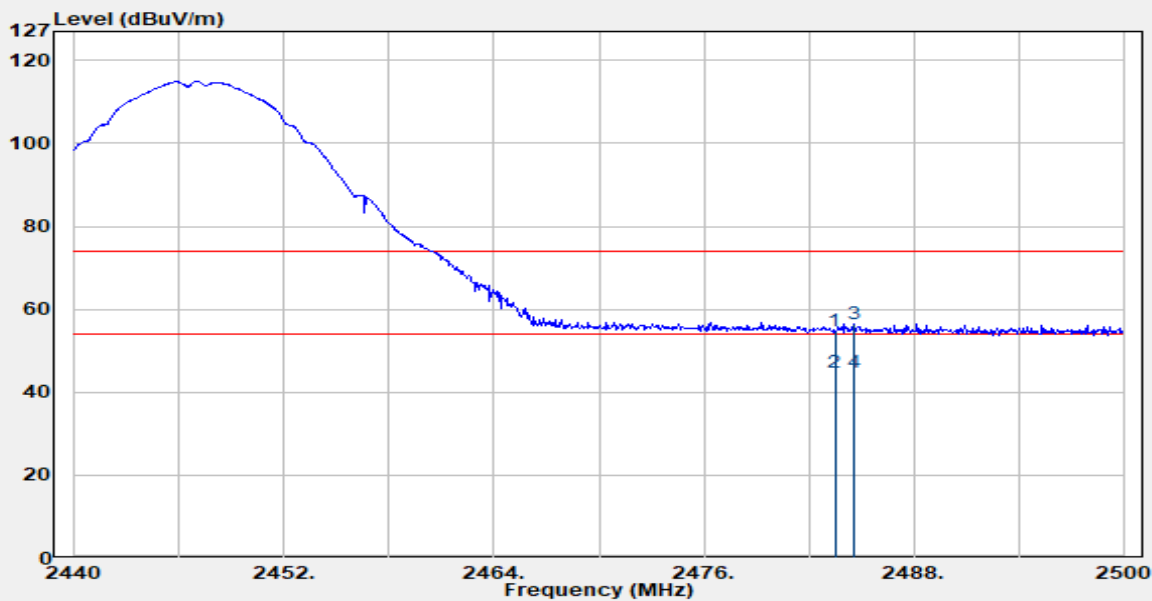
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Report Number :TERF2303000752ER  
 Operation Mode :802.11b  
 Test Frequency :2447 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2483.500	Peak	59.36	-4.64	54.72	74.00	-19.28
2483.500	Average	49.32	-4.64	44.68	54.00	-9.32
2484.580	Peak	61.24	-4.64	56.60	74.00	-17.40
2484.580	Average	49.34	-4.64	44.70	54.00	-9.30

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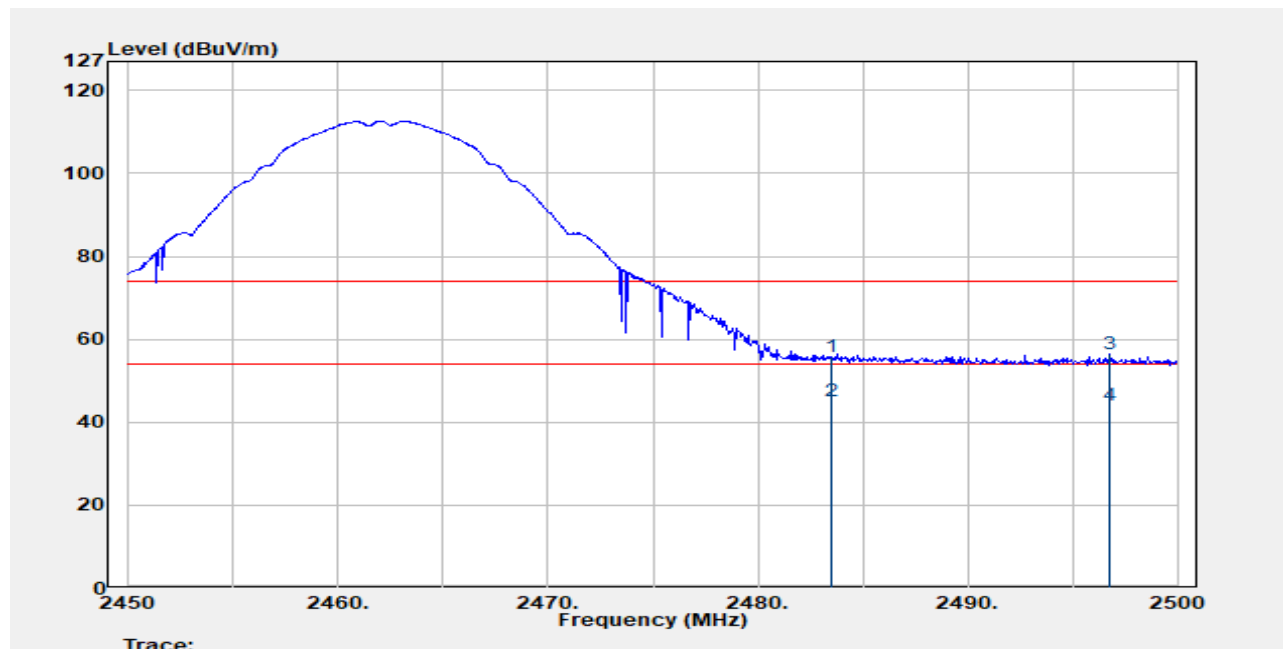
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Report Number :TERF2303000752ER  
 Operation Mode :802.11b  
 Test Frequency :2462 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2483.500	Peak	60.46	-4.64	55.82	74.00	-18.18
2483.500	Average	49.67	-4.64	45.03	54.00	-8.97
2496.800	Peak	61.01	-4.60	56.41	74.00	-17.59
2496.800	Average	48.82	-4.60	44.22	54.00	-9.78

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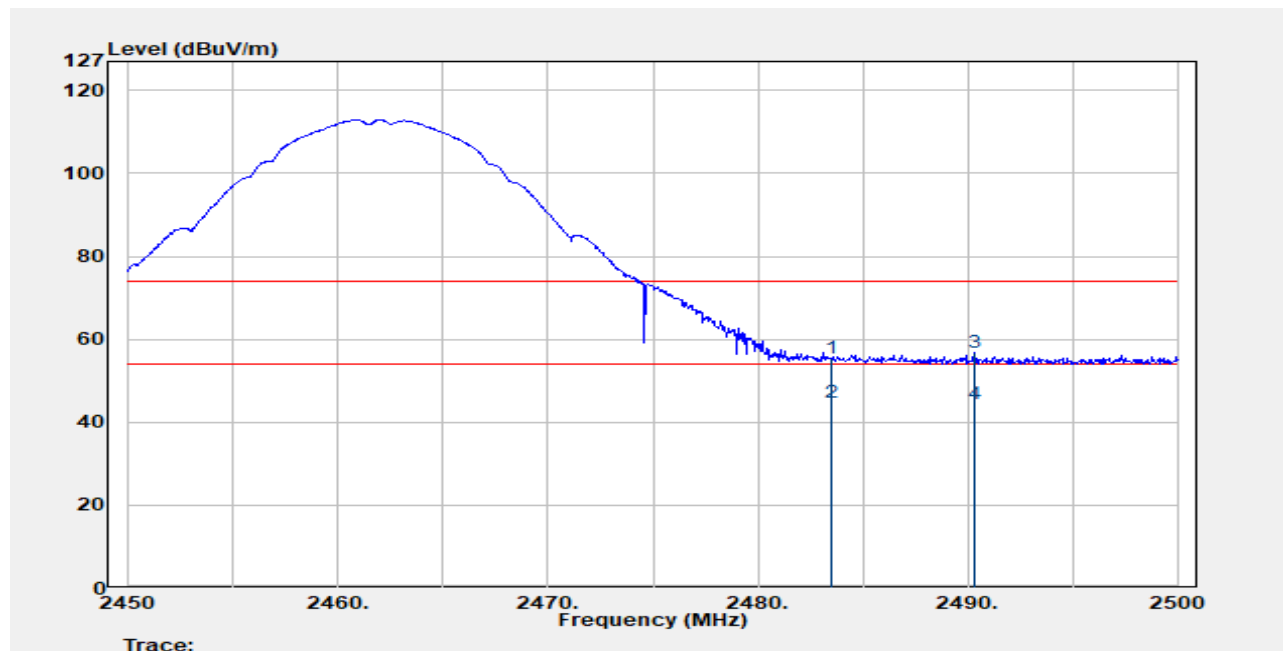
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Report Number :TERF2303000752ER  
 Operation Mode :802.11b  
 Test Frequency :2462 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2483.500	Peak	60.22	-4.64	55.58	74.00	-18.42
2483.500	Average	49.52	-4.64	44.88	54.00	-9.12
2490.300	Peak	61.32	-4.62	56.70	74.00	-17.30
2490.300	Average	48.87	-4.62	44.25	54.00	-9.75

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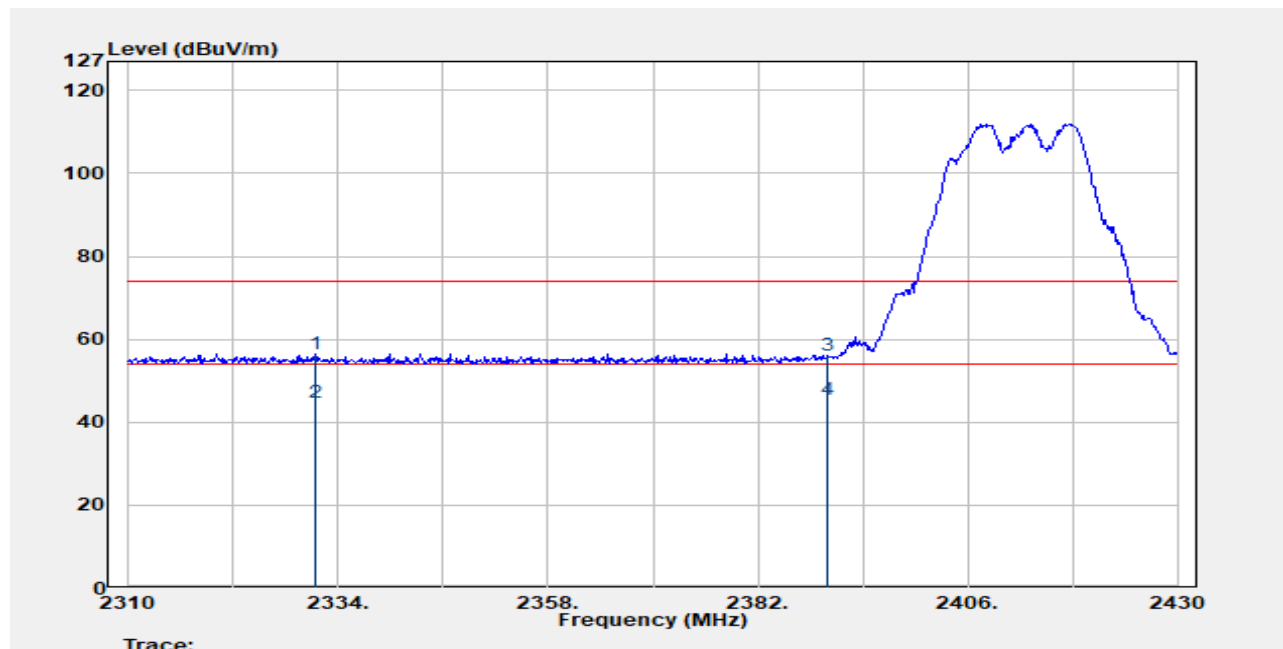
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Report Number :TERF2303000752ER  
 Operation Mode :802.11g  
 Test Frequency :2412 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2331.360	Peak	61.07	-4.47	56.60	74.00	-17.40
2331.360	Average	49.12	-4.47	44.65	54.00	-9.35
2390.000	Peak	60.18	-4.25	55.93	74.00	-18.07
2390.000	Average	49.72	-4.25	45.47	54.00	-8.53

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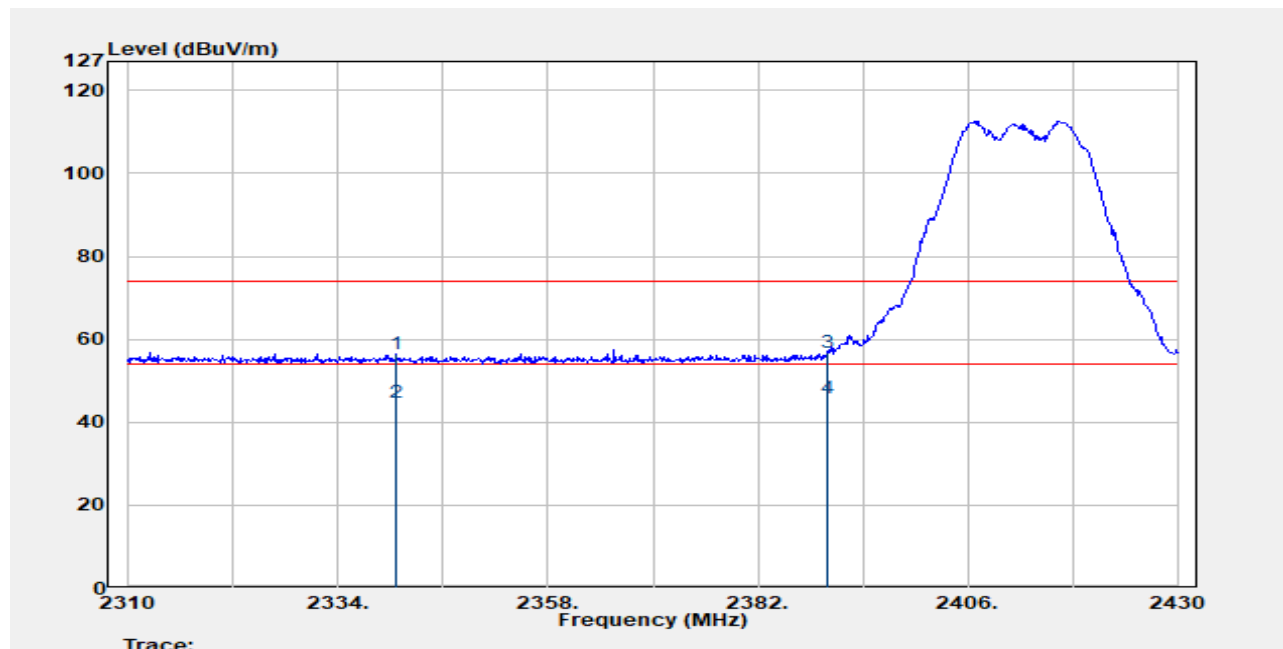
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Report Number :TERF2303000752ER  
 Operation Mode :802.11g  
 Test Frequency :2412 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2340.600	Peak	60.96	-4.51	56.45	74.00	-17.55
2340.600	Average	49.26	-4.51	44.75	54.00	-9.25
2390.000	Peak	60.88	-4.25	56.63	74.00	-17.37
2390.000	Average	50.12	-4.25	45.87	54.00	-8.13

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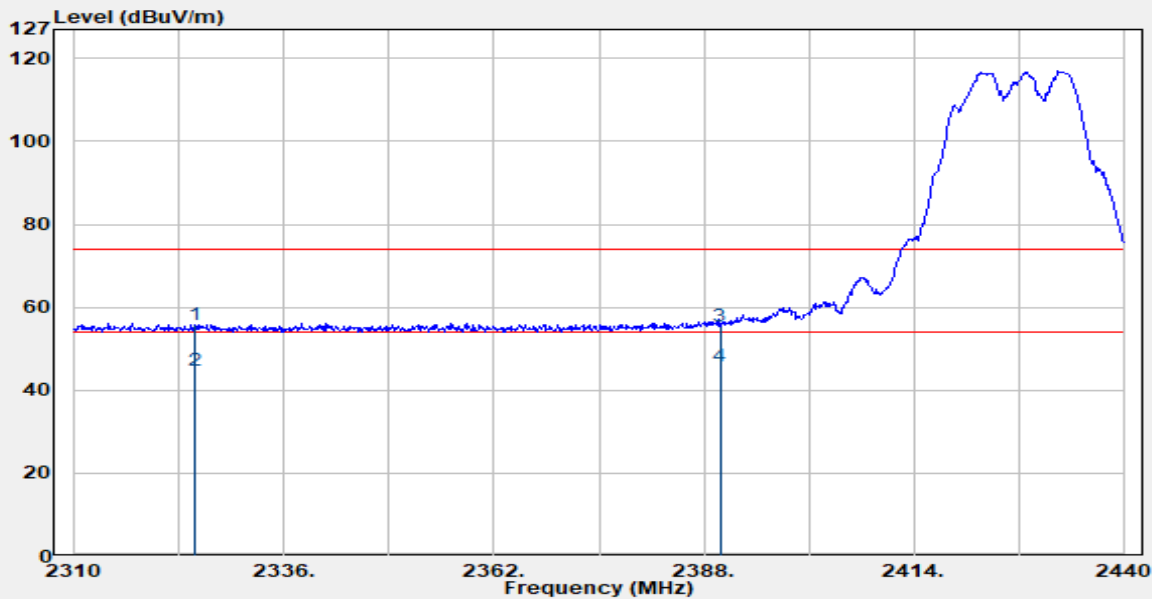
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Report Number :TERF2303000752ER  
 Operation Mode :802.11g  
 Test Frequency :2427 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2324.820	Peak	60.35	-4.44	55.91	74.00	-18.09
2324.820	Average	49.13	-4.44	44.69	54.00	-9.31
2390.000	Peak	59.78	-4.25	55.53	74.00	-18.47
2390.000	Average	50.16	-4.25	45.91	54.00	-8.09

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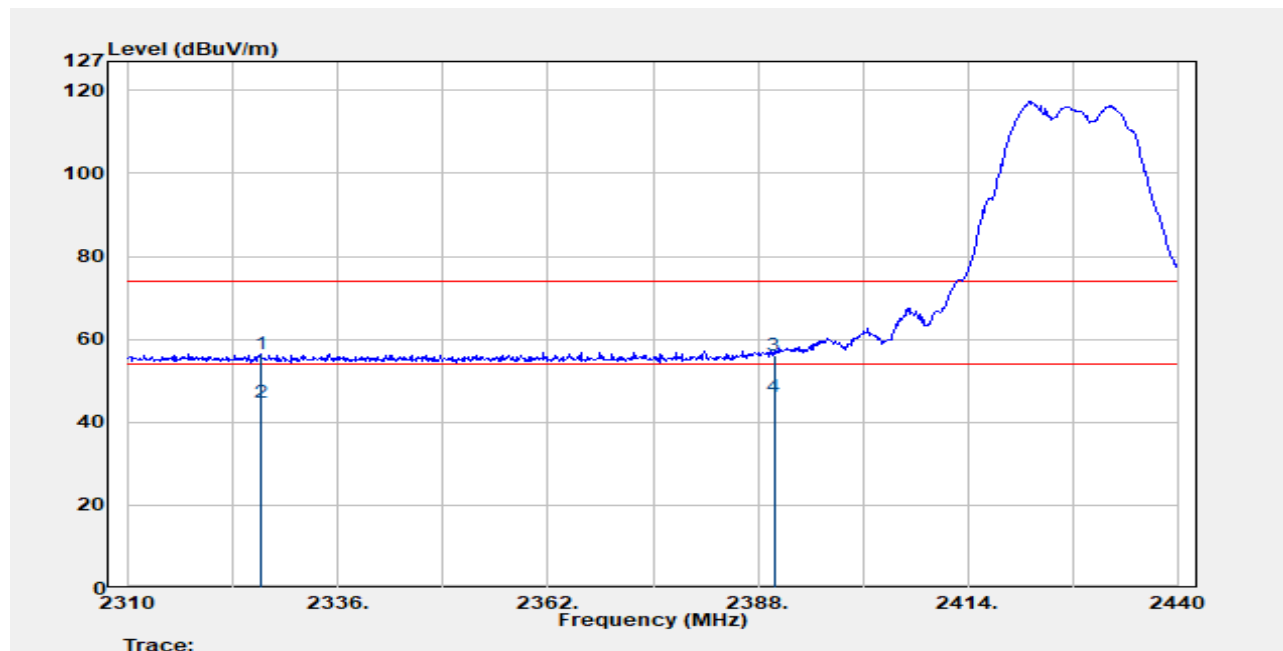
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Report Number :TERF2303000752ER  
 Operation Mode :802.11g  
 Test Frequency :2427 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2326.380	Peak	61.05	-4.45	56.60	74.00	-17.40
2326.380	Average	49.09	-4.45	44.64	54.00	-9.36
2390.000	Peak	60.38	-4.25	56.13	74.00	-17.87
2390.000	Average	50.53	-4.25	46.28	54.00	-7.72

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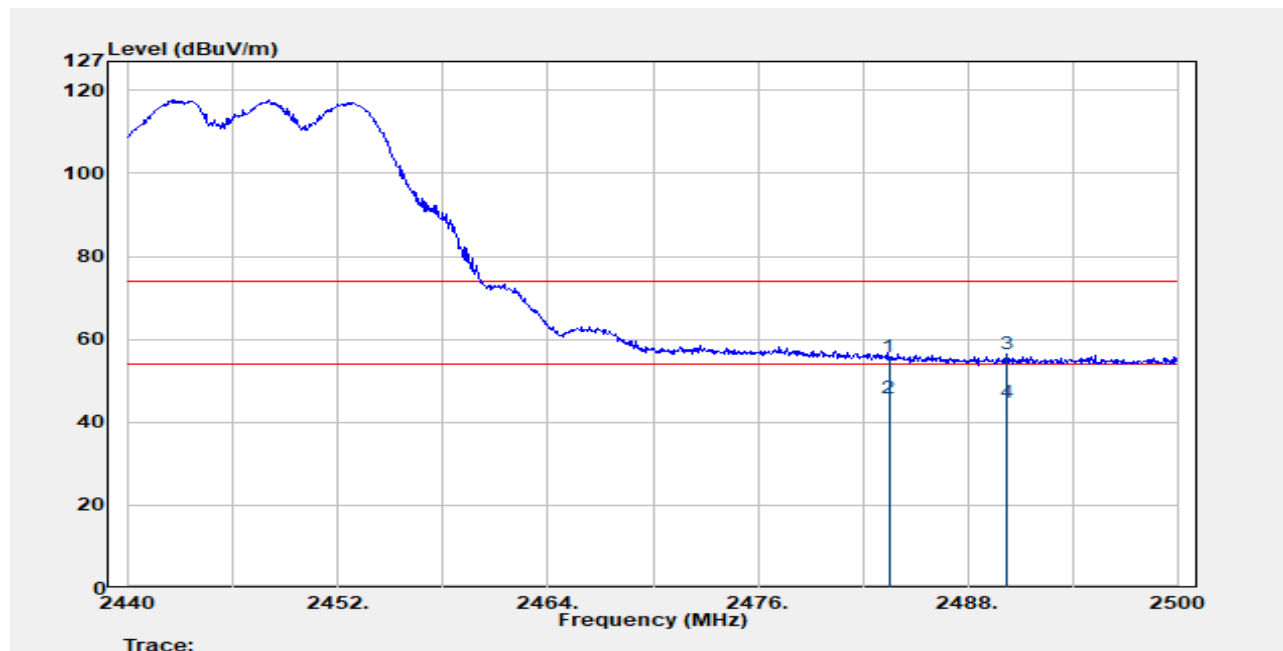
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Report Number :TERF2303000752ER  
Operation Mode :802.11g  
Test Frequency :2447 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 3  
Test Date :2023-04-10  
Temp./Humi. :23.2/46  
Antenna Pol. :Vertical  
Engineer :Nick Lin



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2483.500	Peak	60.25	-4.64	55.61	74.00	-18.39
2483.500	Average	50.28	-4.64	45.64	54.00	-8.36
2490.220	Peak	61.12	-4.62	56.50	74.00	-17.50
2490.220	Average	49.26	-4.62	44.64	54.00	-9.36

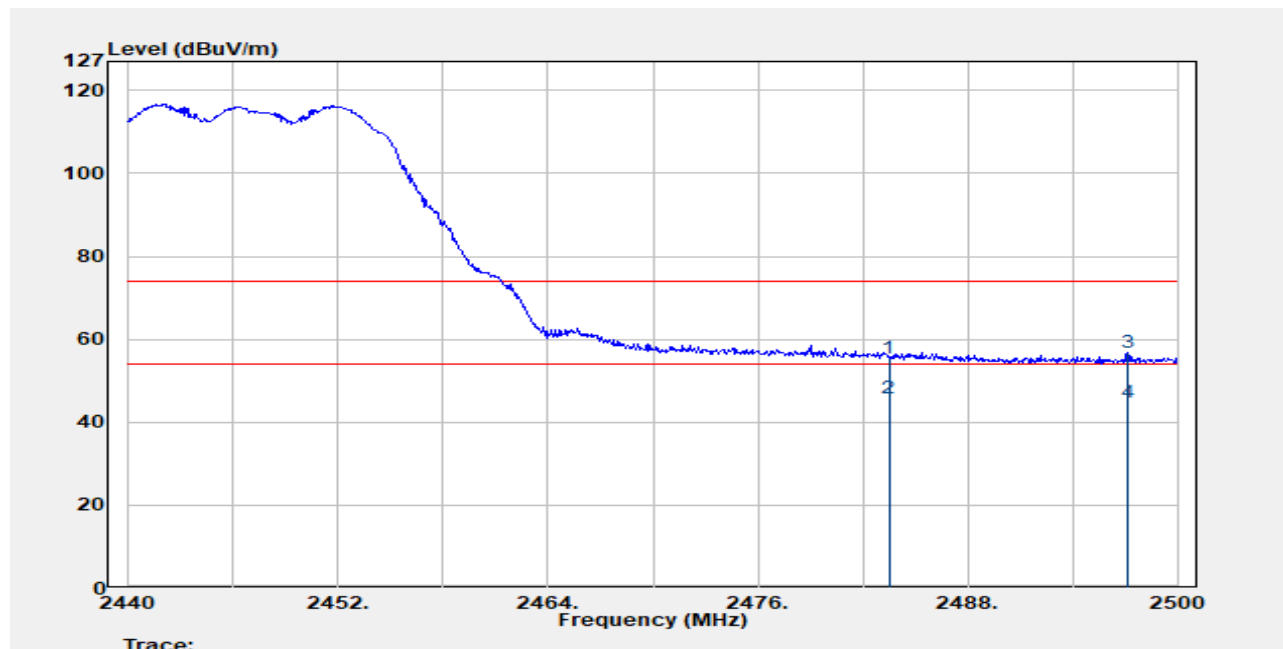
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Report Number :TERF2303000752ER  
 Operation Mode :802.11g  
 Test Frequency :2447 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



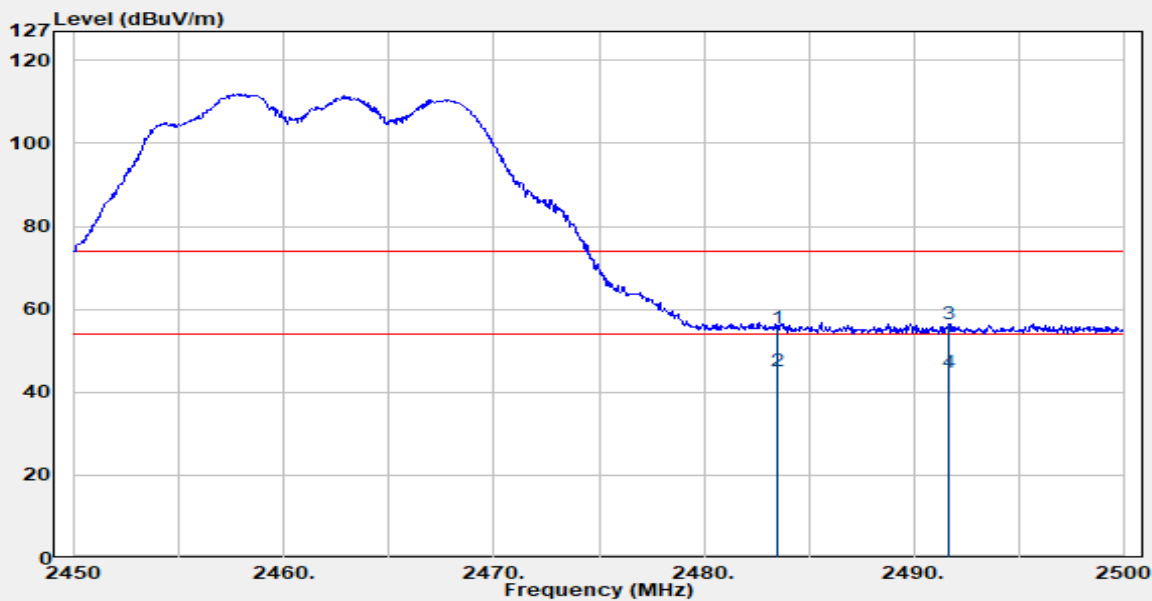
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2483.500	Peak	60.07	-4.64	55.43	74.00	-18.57
2483.500	Average	50.38	-4.64	45.74	54.00	-8.26
2497.180	Peak	61.44	-4.60	56.85	74.00	-17.15
2497.180	Average	49.32	-4.60	44.72	54.00	-9.28

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 Test Frequency :2462 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Trace:

Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2483.500	Peak	60.18	-4.64	55.54	74.00	-18.46
2483.500	Average	49.78	-4.64	45.14	54.00	-8.86
2491.700	Peak	60.93	-4.62	56.31	74.00	-17.69
2491.700	Average	49.35	-4.62	44.73	54.00	-9.27

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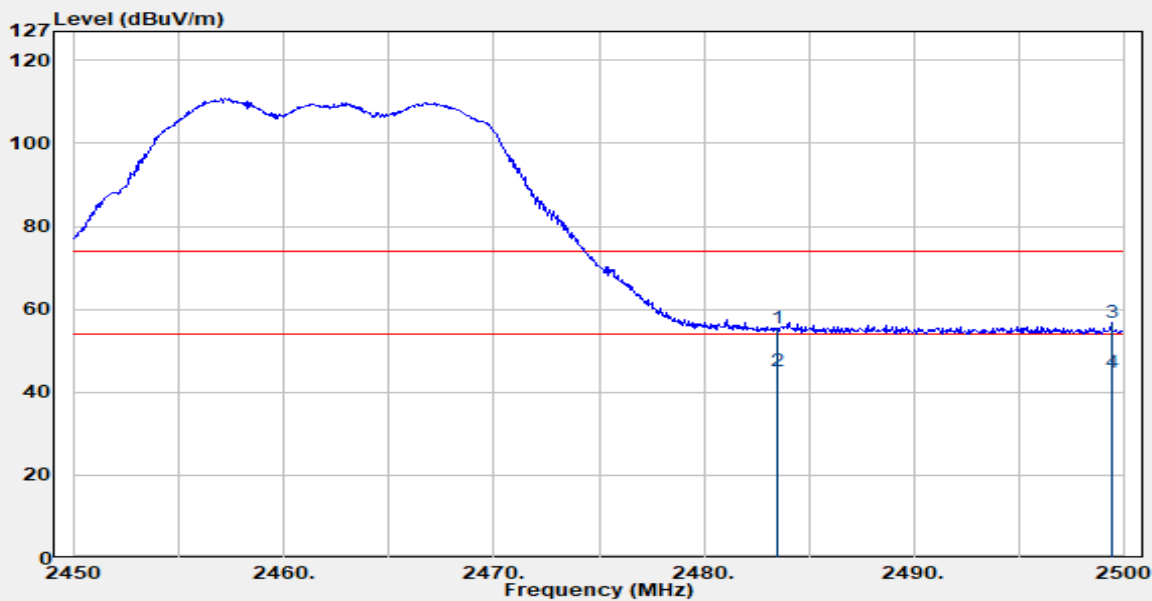
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 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2483.500	Peak	59.96	-4.64	55.32	74.00	-18.68
2483.500	Average	49.72	-4.64	45.08	54.00	-8.92
2499.450	Peak	61.49	-4.59	56.90	74.00	-17.10
2499.450	Average	49.18	-4.59	44.59	54.00	-9.41

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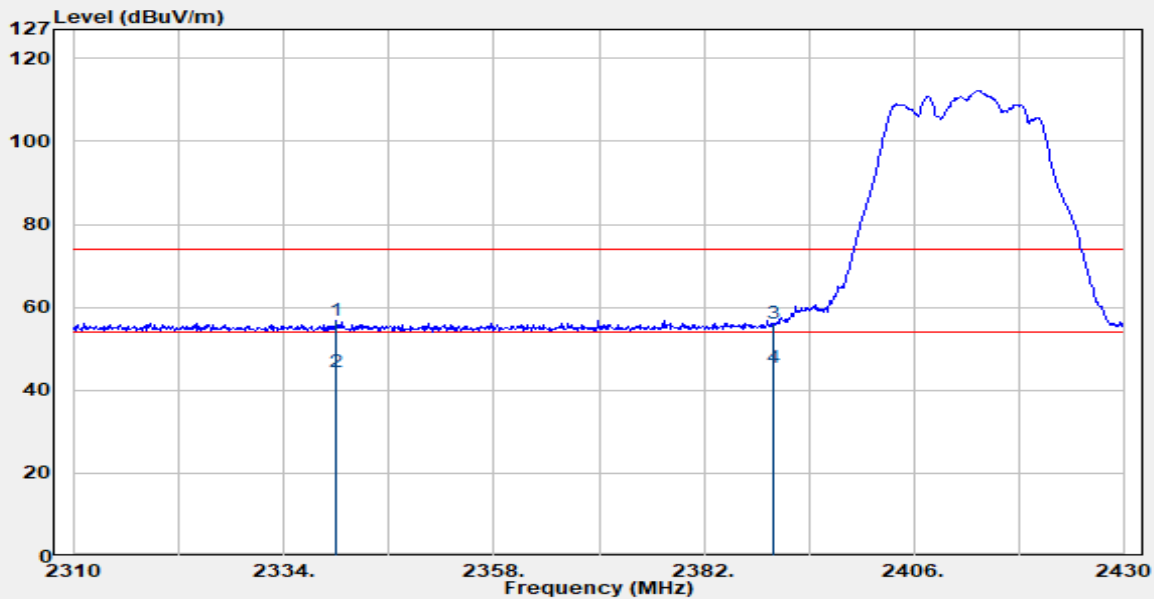
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Report Number :TERF2303000752ER  
 Operation Mode :802.11n20  
 Test Frequency :2412 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



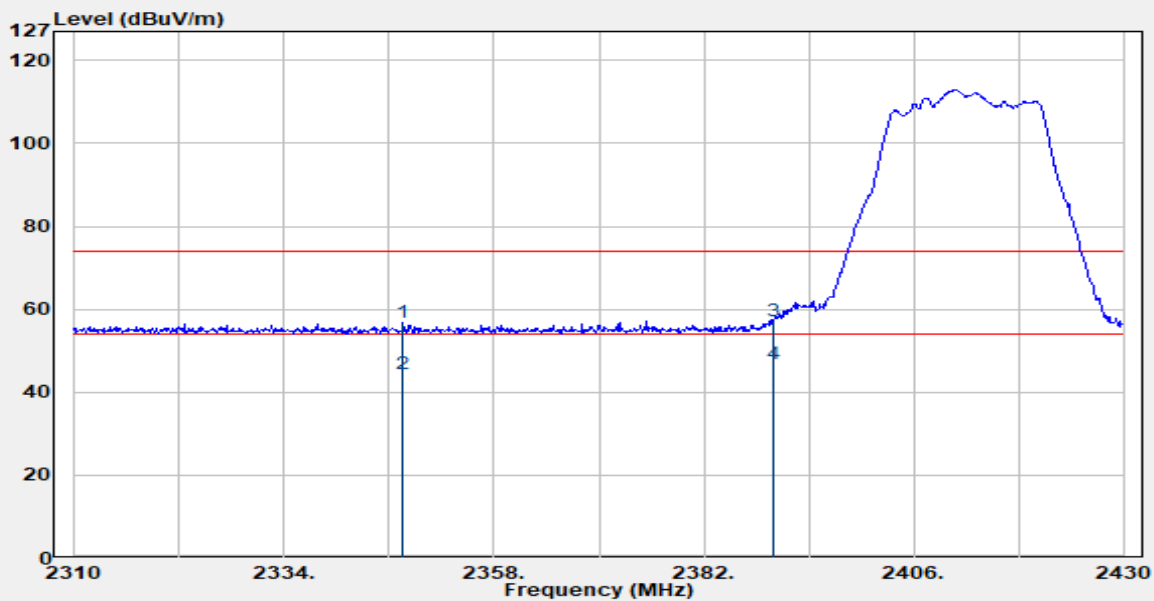
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2340.000	Peak	61.17	-4.51	56.66	74.00	-17.34
2340.000	Average	48.98	-4.51	44.47	54.00	-9.53
2390.000	Peak	60.30	-4.25	56.05	74.00	-17.95
2390.000	Average	49.56	-4.25	45.31	54.00	-8.69

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 Test Frequency :2412 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2347.560	Peak	61.46	-4.54	56.92	74.00	-17.08
2347.560	Average	49.09	-4.54	44.55	54.00	-9.45
2390.000	Peak	61.46	-4.25	57.20	74.00	-16.80
2390.000	Average	50.98	-4.25	46.73	54.00	-7.27

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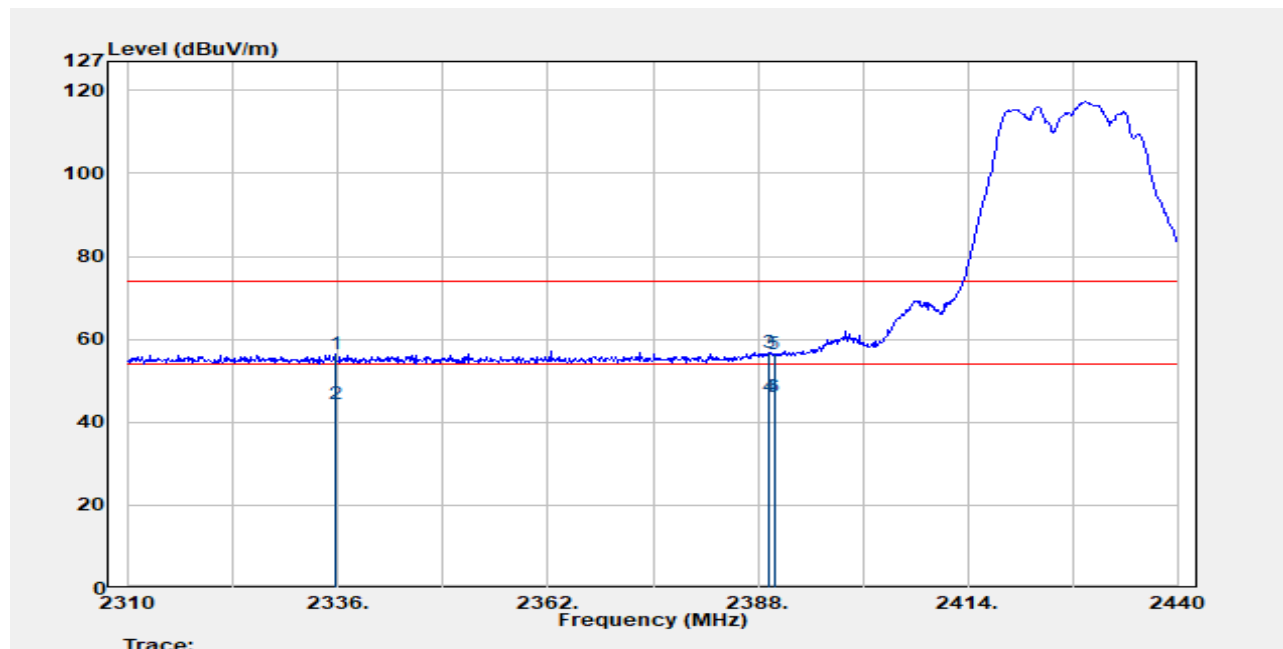
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Report Number :TERF2303000752ER  
 Operation Mode :802.11n20  
 Test Frequency :2427 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2335.610	Peak	60.94	-4.49	56.45	74.00	-17.55
2335.610	Average	48.96	-4.49	44.47	54.00	-9.53
2389.430	Peak	61.18	-4.26	56.92	74.00	-17.08
2389.430	Average	50.30	-4.26	46.04	54.00	-7.96
2390.000	Peak	60.62	-4.25	56.36	74.00	-17.64
2390.000	Average	50.33	-4.25	46.08	54.00	-7.92

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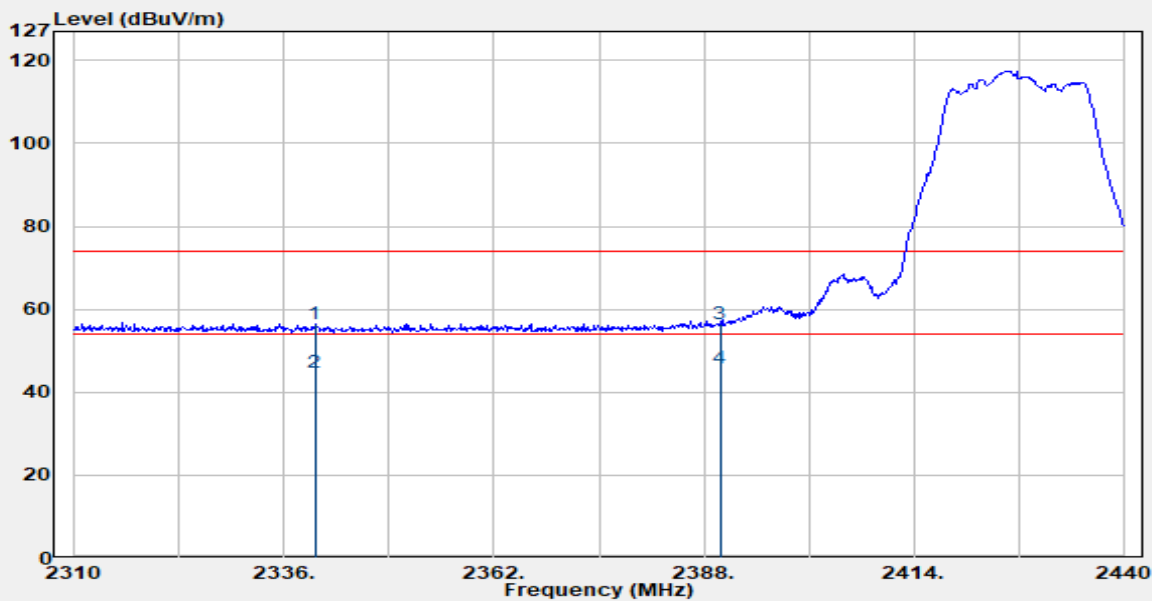
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Report Number :TERF2303000752ER  
 Operation Mode :802.11n20  
 Test Frequency :2427 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2339.770	Peak	60.96	-4.51	56.45	74.00	-17.55
2339.770	Average	49.12	-4.51	44.61	54.00	-9.39
2390.000	Peak	60.83	-4.25	56.58	74.00	-17.42
2390.000	Average	49.99	-4.25	45.74	54.00	-8.26

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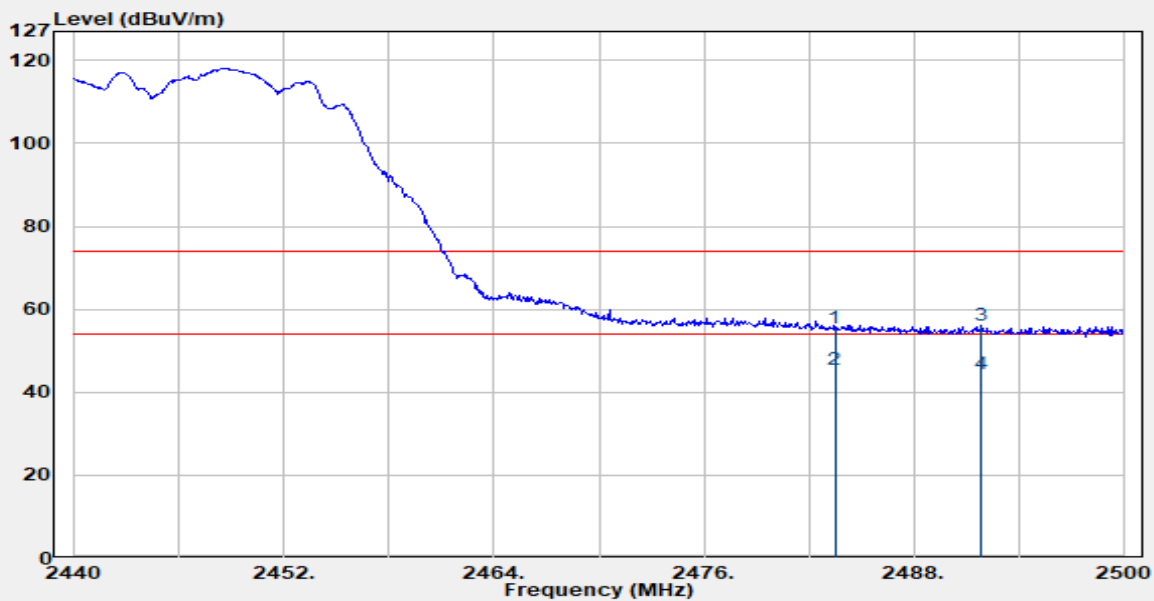
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Report Number :TERF2303000752ER  
 Operation Mode :802.11n20  
 Test Frequency :2447 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



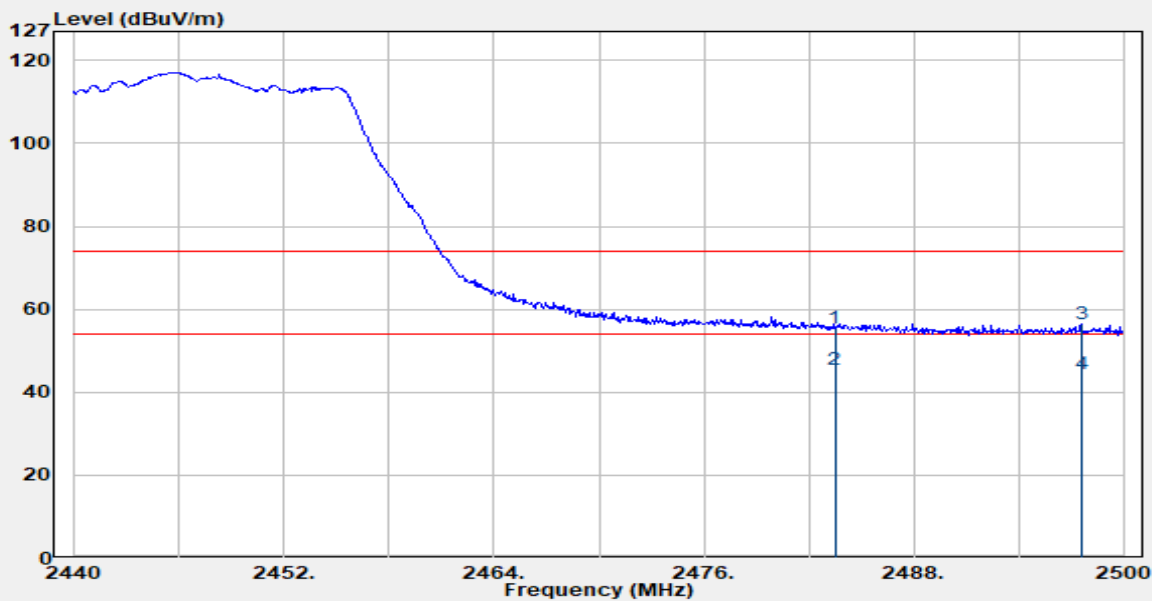
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2483.500	Peak	60.14	-4.64	55.49	74.00	-18.51
2483.500	Average	49.93	-4.64	45.29	54.00	-8.71
2491.900	Peak	60.86	-4.62	56.24	74.00	-17.76
2491.900	Average	49.02	-4.62	44.40	54.00	-9.60

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 Test Frequency :2447 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 3  
 Test Date :2023-04-10  
 Temp./Humi. :23.2/46  
 Antenna Pol. :Horizontal  
 Engineer :Nick Lin



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2483.500	Peak	59.94	-4.64	55.30	74.00	-18.70
2483.500	Average	50.22	-4.64	45.58	54.00	-8.42
2497.600	Peak	61.00	-4.60	56.40	74.00	-17.60
2497.600	Average	48.95	-4.60	44.35	54.00	-9.65

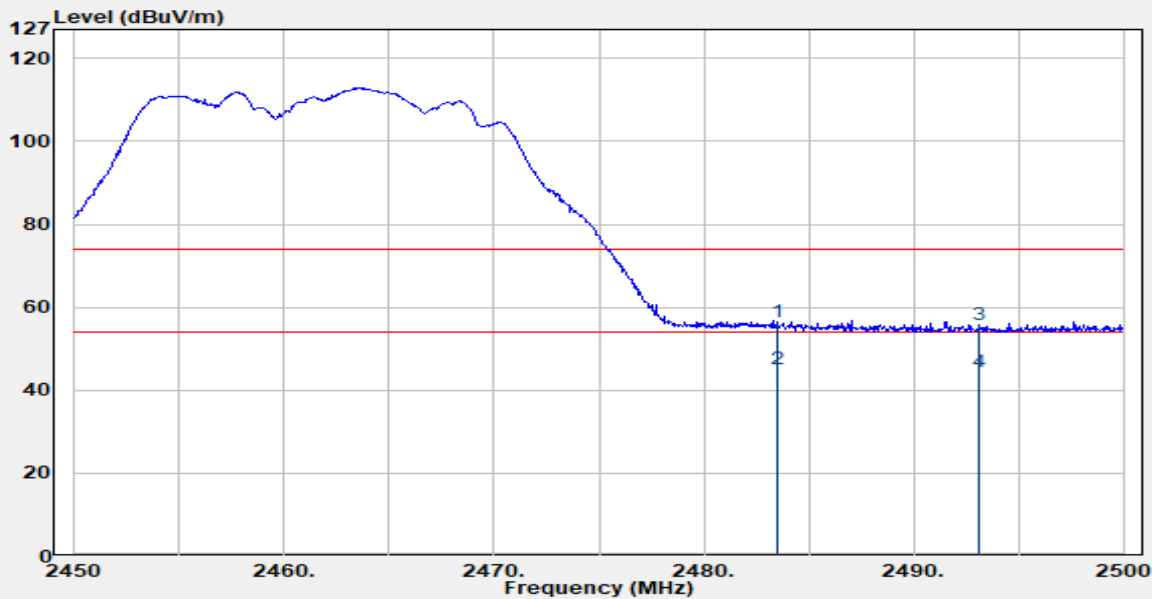
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 EUT Pol :H Plane

Test Site :SAC 3  
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 Temp./Humi. :23.2/46  
 Antenna Pol. :Vertical  
 Engineer :Nick Lin



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2483.500	Peak	61.26	-4.64	56.62	74.00	-17.38
2483.500	Average	49.83	-4.64	45.19	54.00	-8.81
2493.150	Peak	60.52	-4.61	55.90	74.00	-18.10
2493.150	Average	48.98	-4.61	44.37	54.00	-9.63

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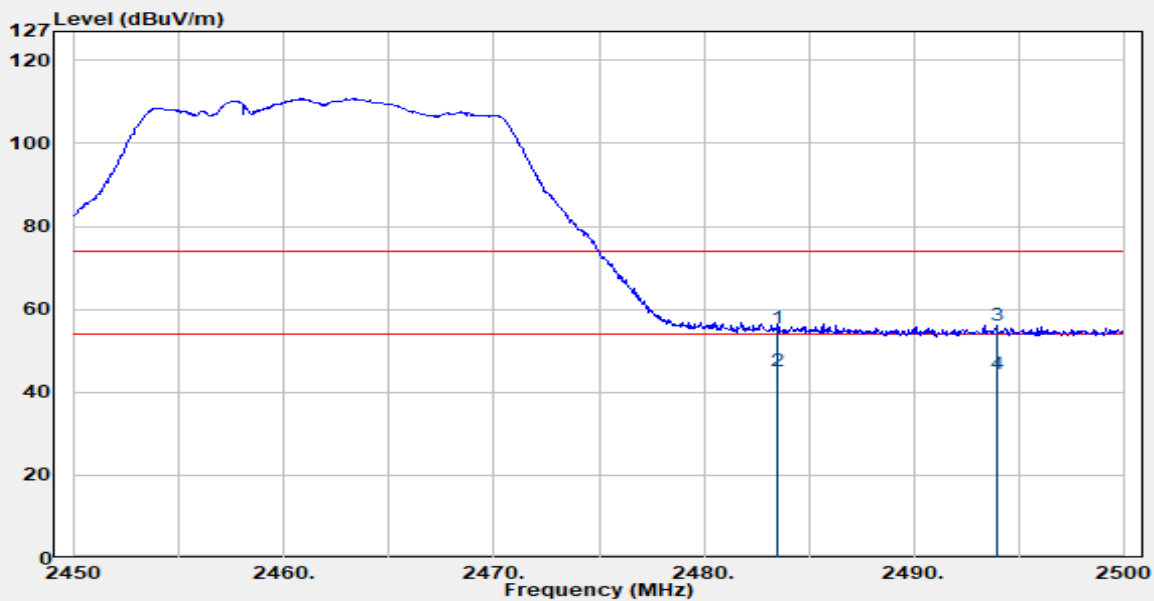
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Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2483.500	Peak	60.08	-4.64	55.44	74.00	-18.56
2483.500	Average	49.76	-4.64	45.12	54.00	-8.88
2493.950	Peak	60.57	-4.61	55.96	74.00	-18.04
2493.950	Average	48.92	-4.61	44.31	54.00	-9.69

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