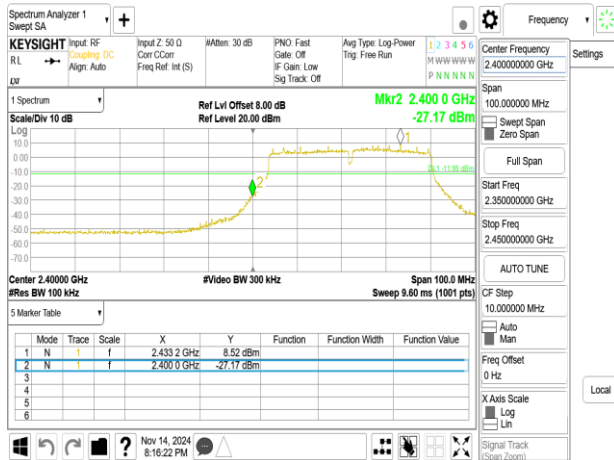
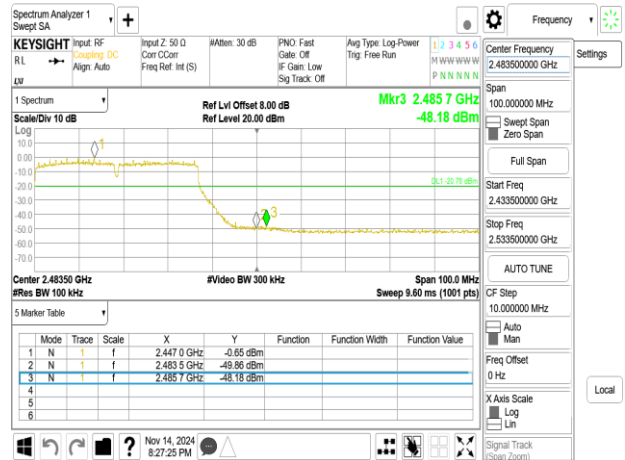


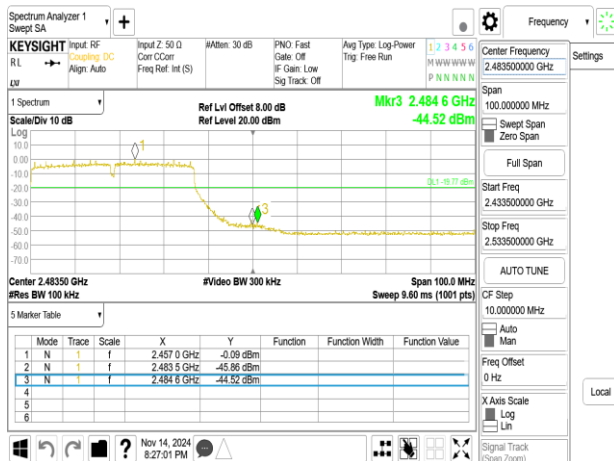
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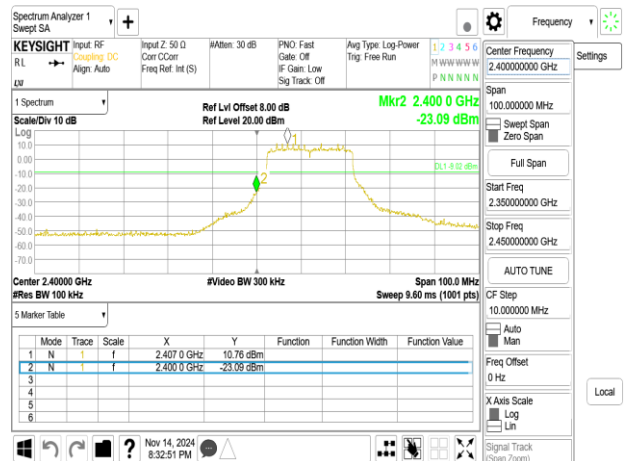
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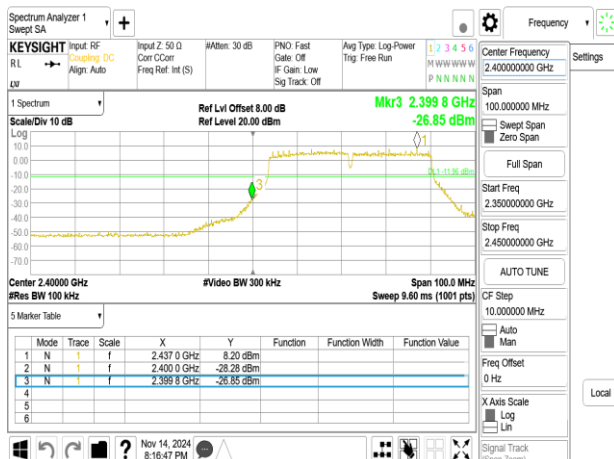
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802.11ax\_20MHz\_Chain0\_2462MHz

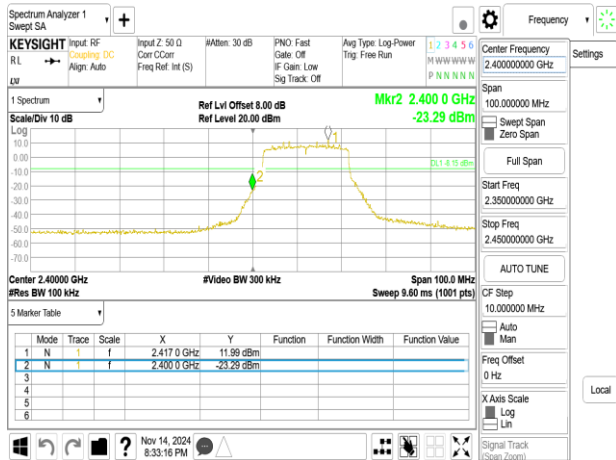


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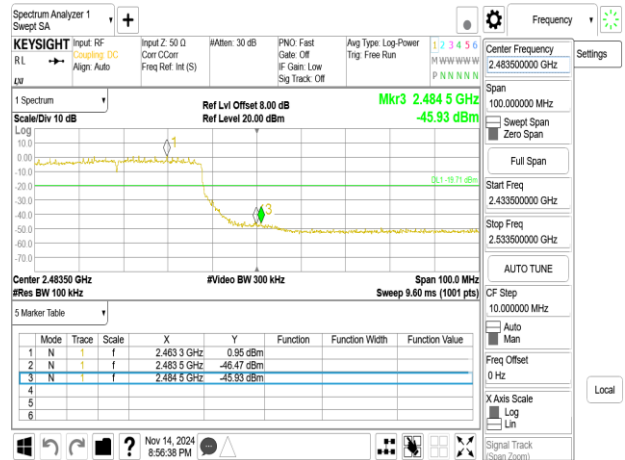
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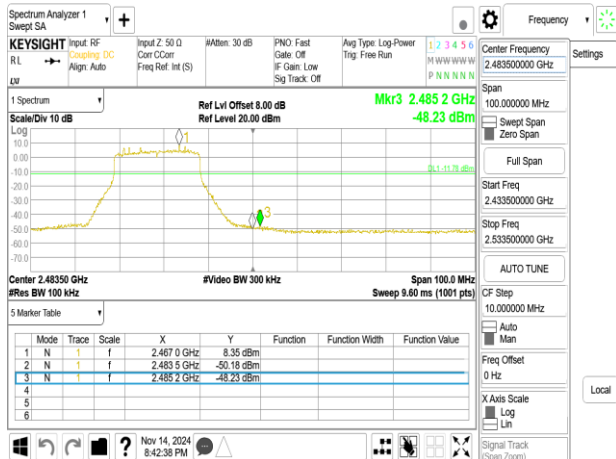
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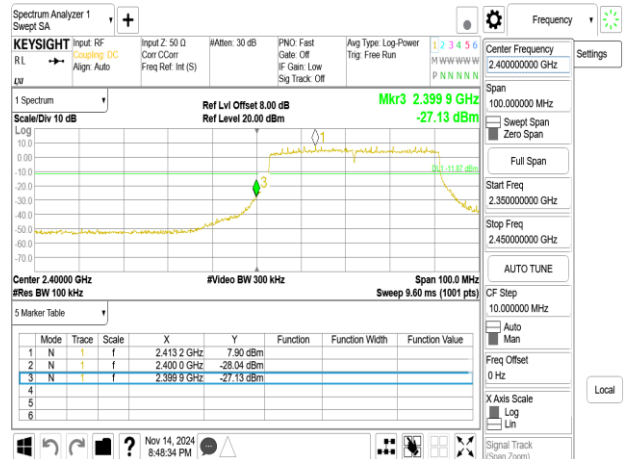
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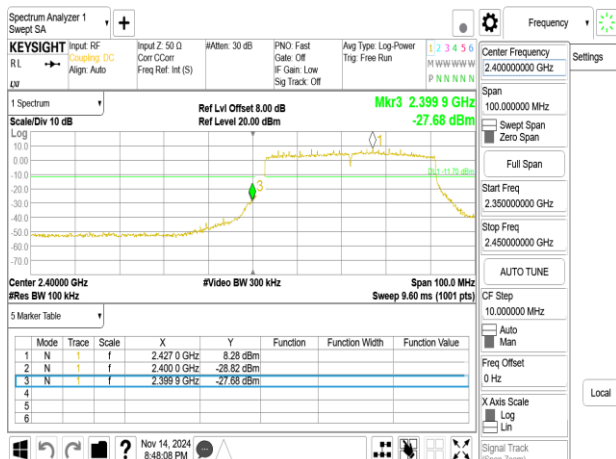
802.11ax\_20MHz\_Chain1\_2462MHz



802.11ax\_40MHz\_Chain1\_2422MHz



802.11ax\_40MHz\_Chain0\_2422MHz



802.11ax\_40MHz\_Chain1\_2452MHz

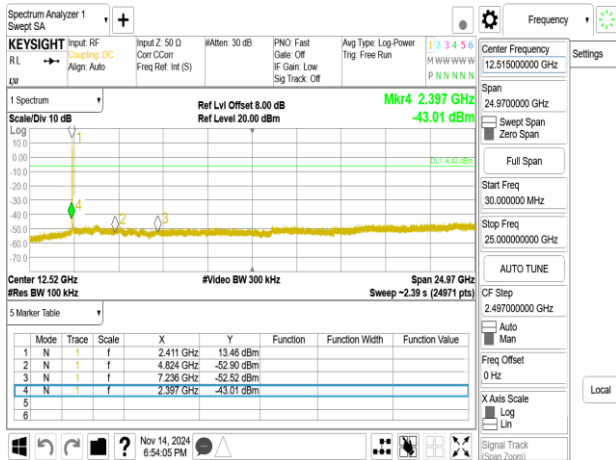


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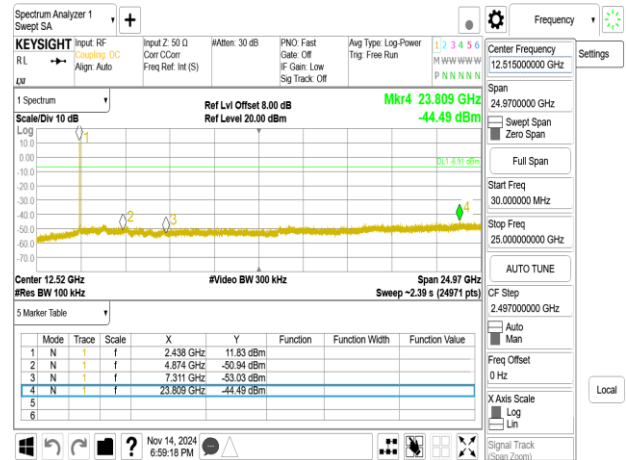
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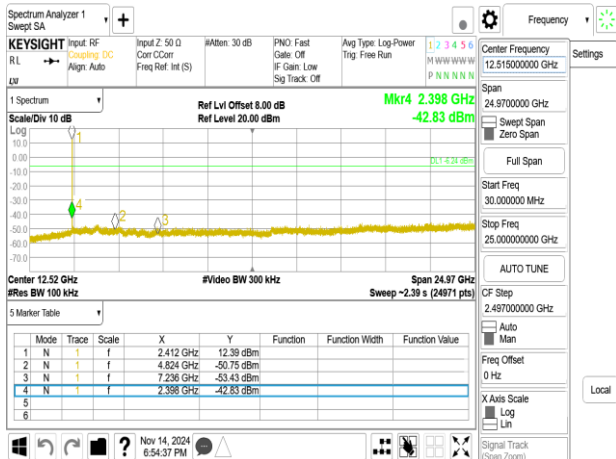
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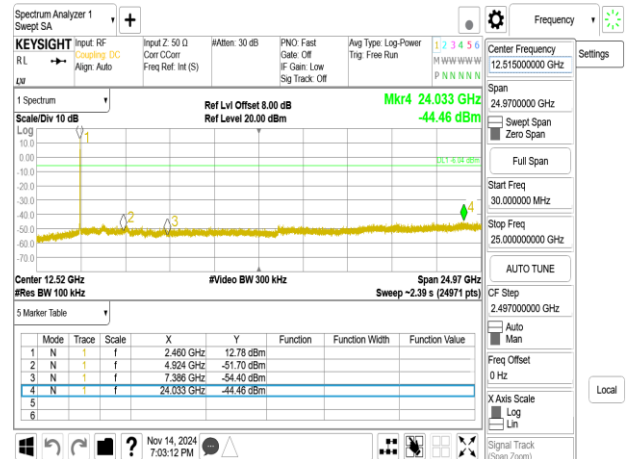
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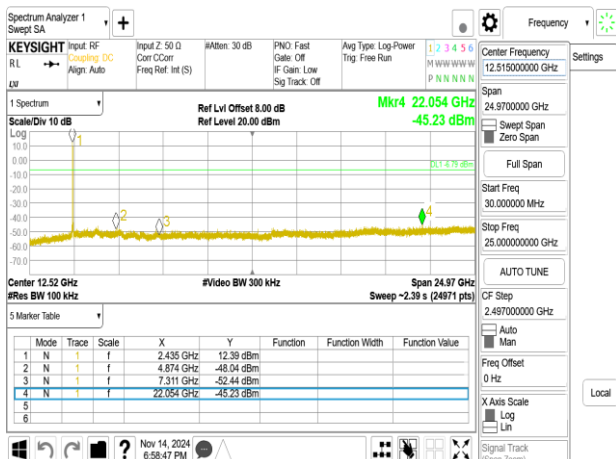
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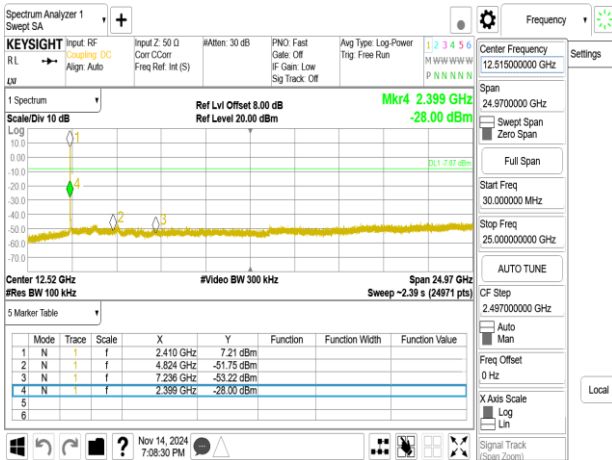


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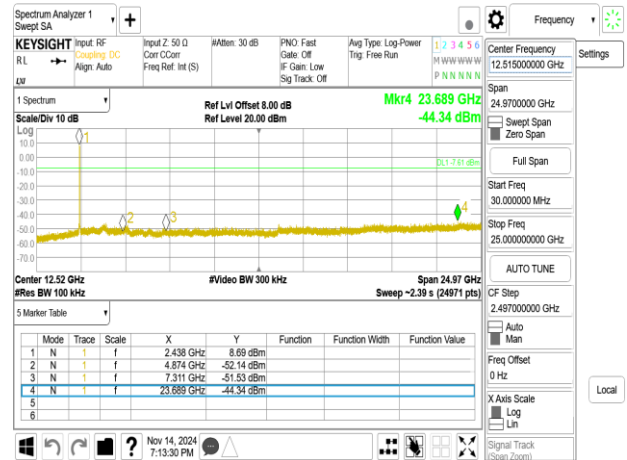
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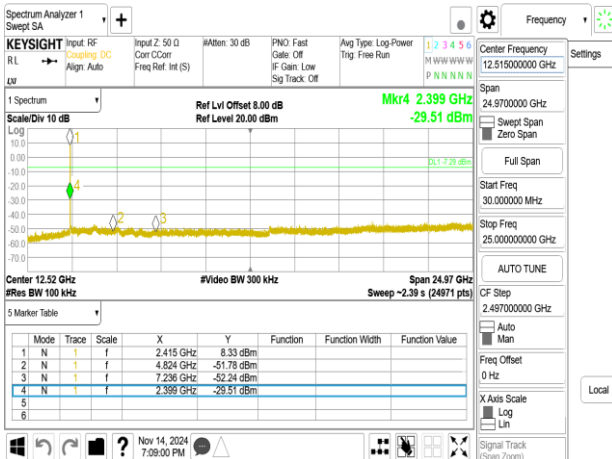
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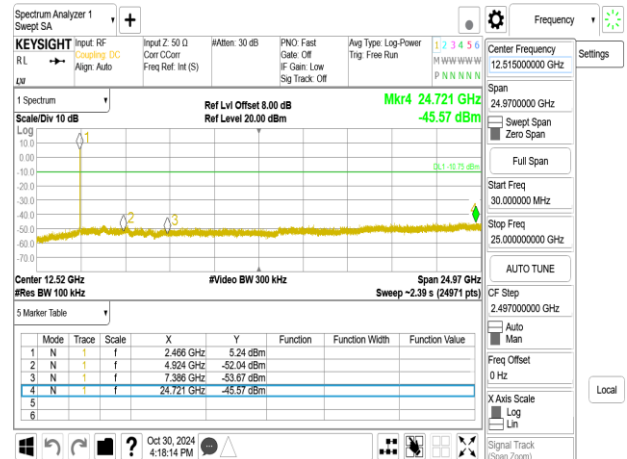
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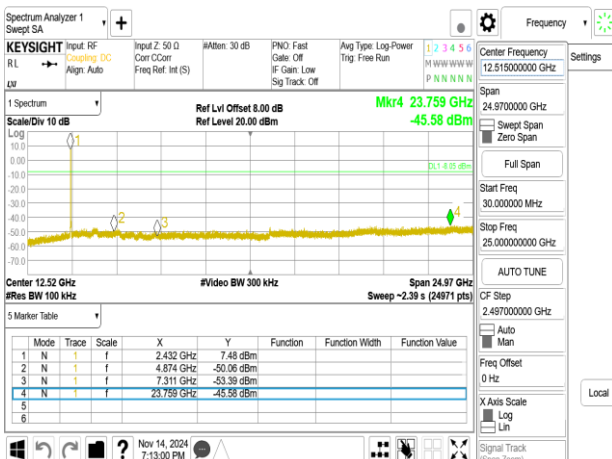
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802.11g\_20MHz\_Chain0\_2462MHz



802.11g\_20MHz\_Chain0\_2437MHz



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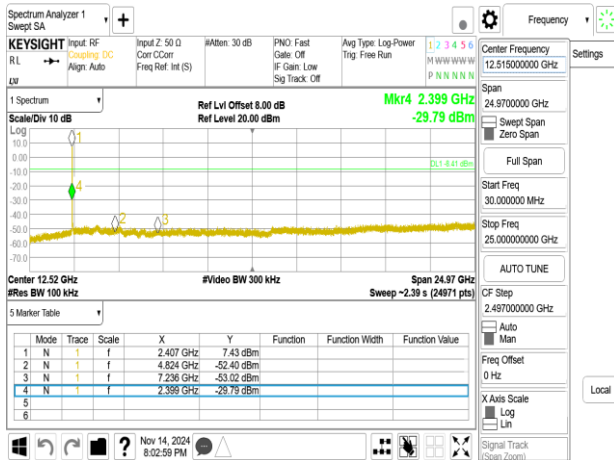
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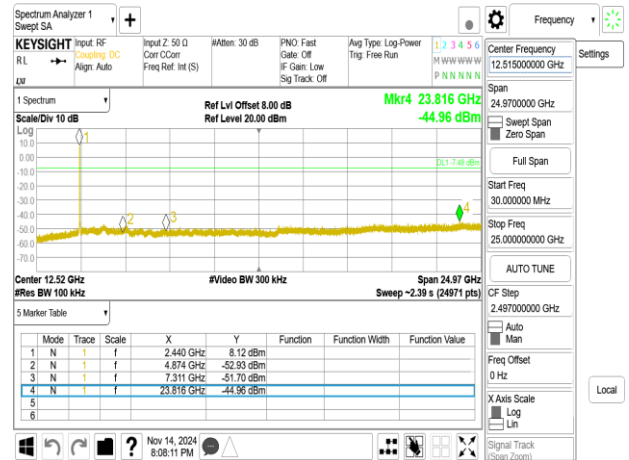
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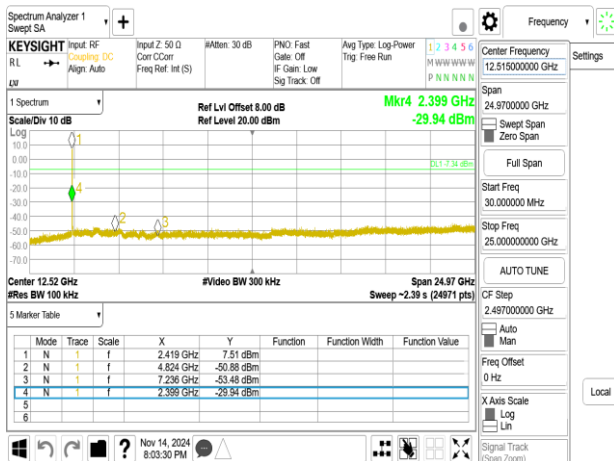
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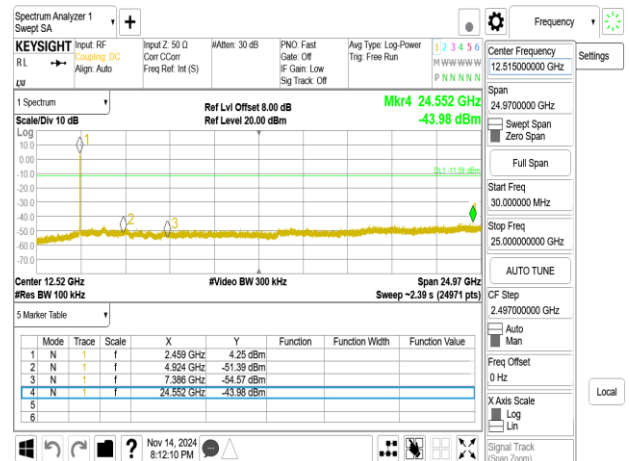
802.11n\_20MHz\_Chain1\_2437MHz



802.11n\_20MHz\_Chain1\_2412MHz



802.11n\_20MHz\_Chain0\_2462MHz



802.11n\_20MHz\_Chain0\_2437MHz



802.11n\_20MHz\_Chain1\_2462MHz

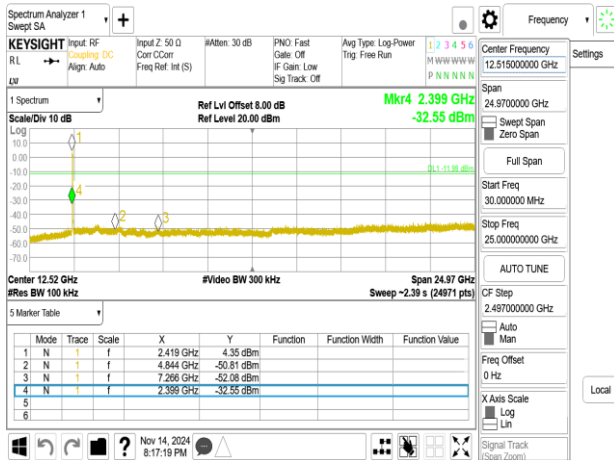


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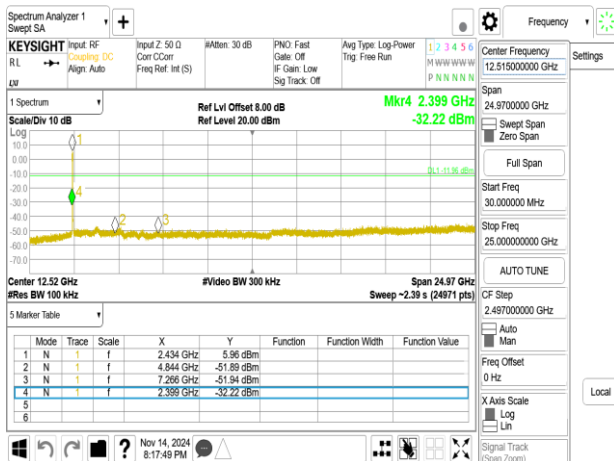
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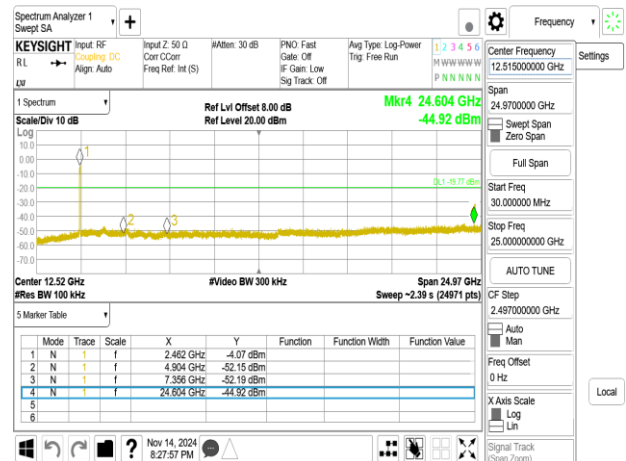
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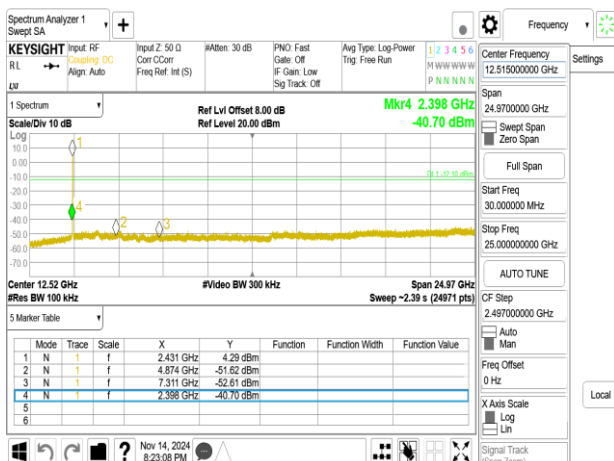
802.11n\_40MHz\_Chain1\_2422MHz



802.11n\_40MHz\_Chain0\_2452MHz



802.11n\_40MHz\_Chain0\_2437MHz



802.11n\_40MHz\_Chain1\_2452MHz

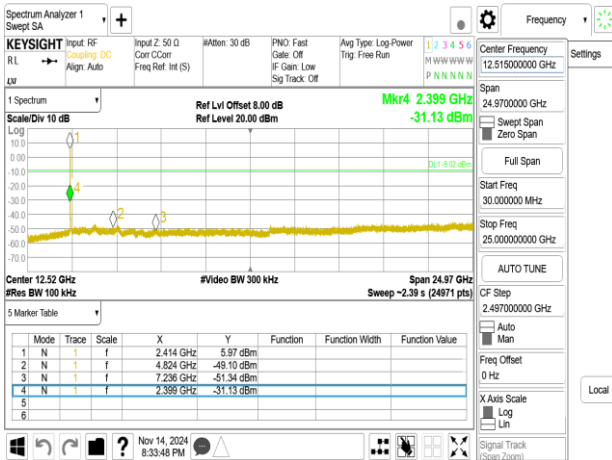


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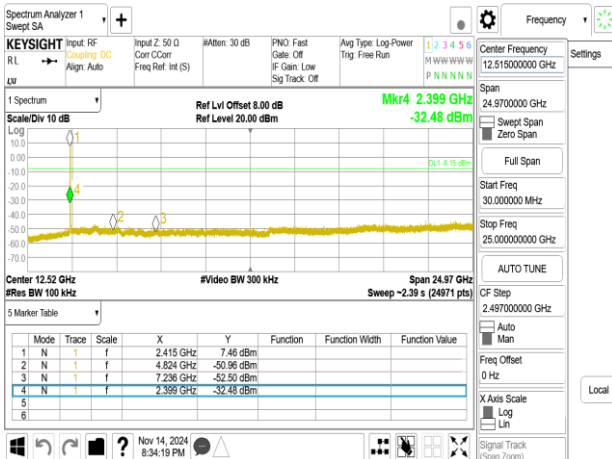
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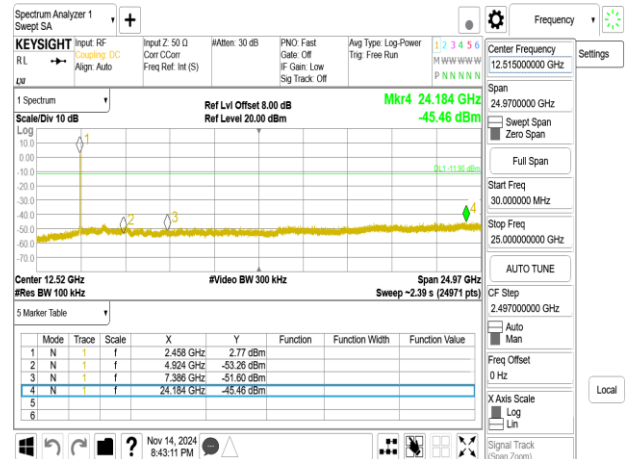
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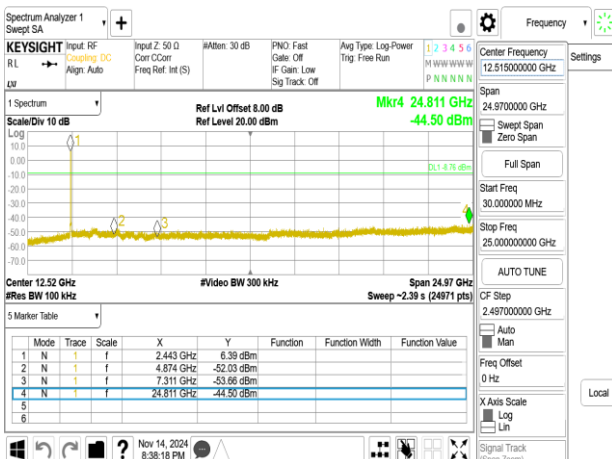
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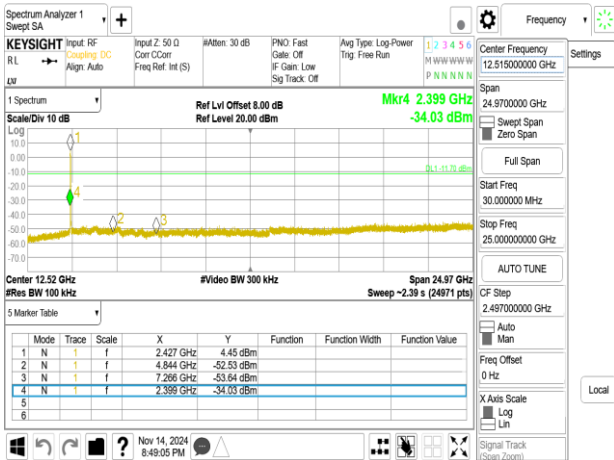


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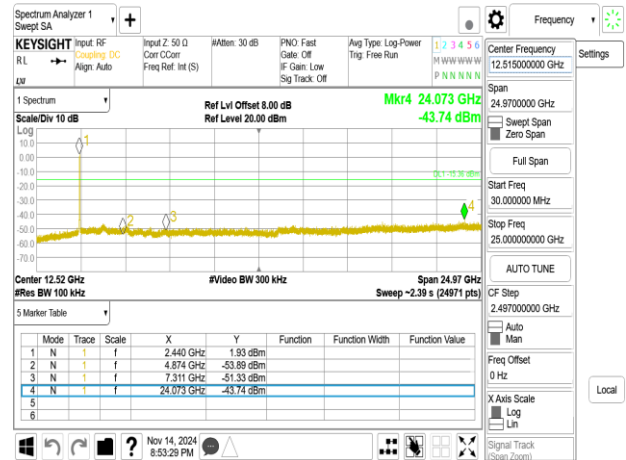
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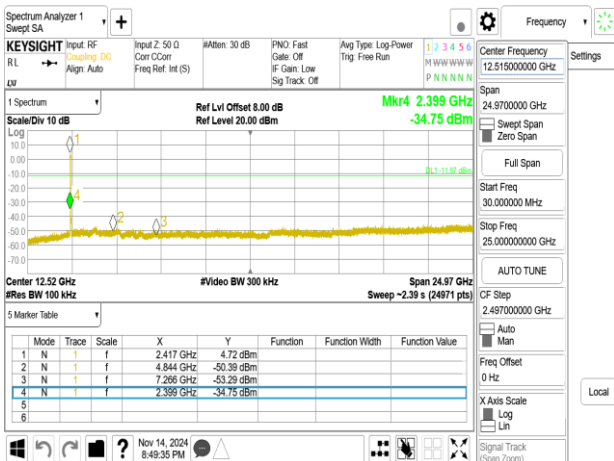
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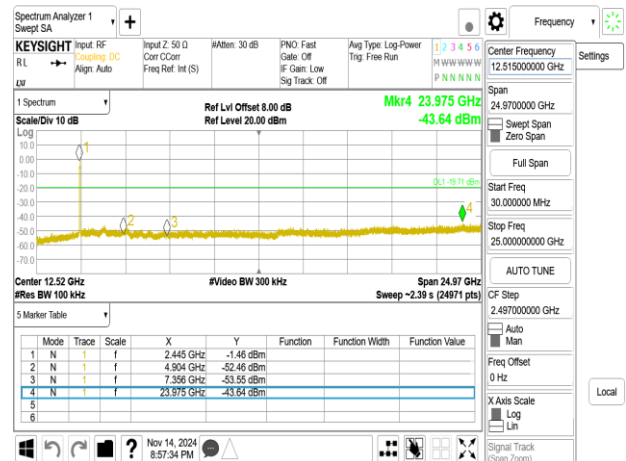
802.11ax\_40MHz\_Chain1\_2437MHz



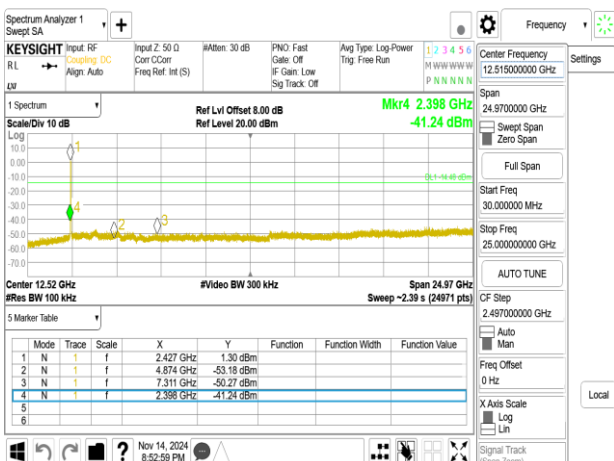
802.11ax\_40MHz\_Chain1\_2422MHz



802.11ax\_40MHz\_Chain0\_2452MHz



802.11ax\_40MHz\_Chain0\_2437MHz



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:**

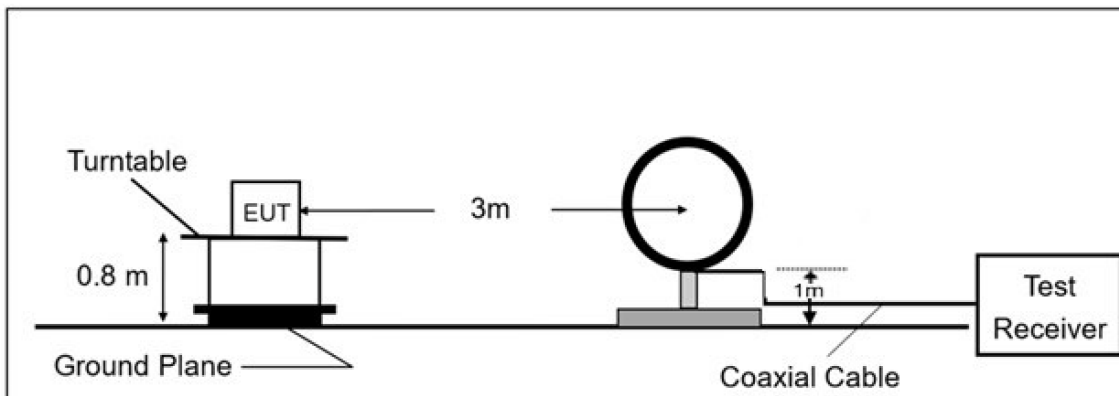
1. The lower limit shall apply at the transition frequencies.

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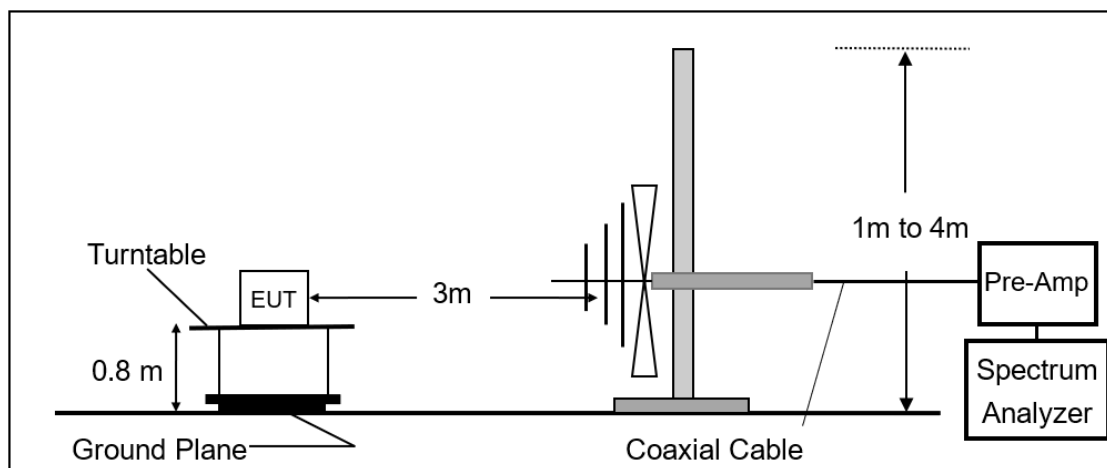
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## 11.2 Test Setup

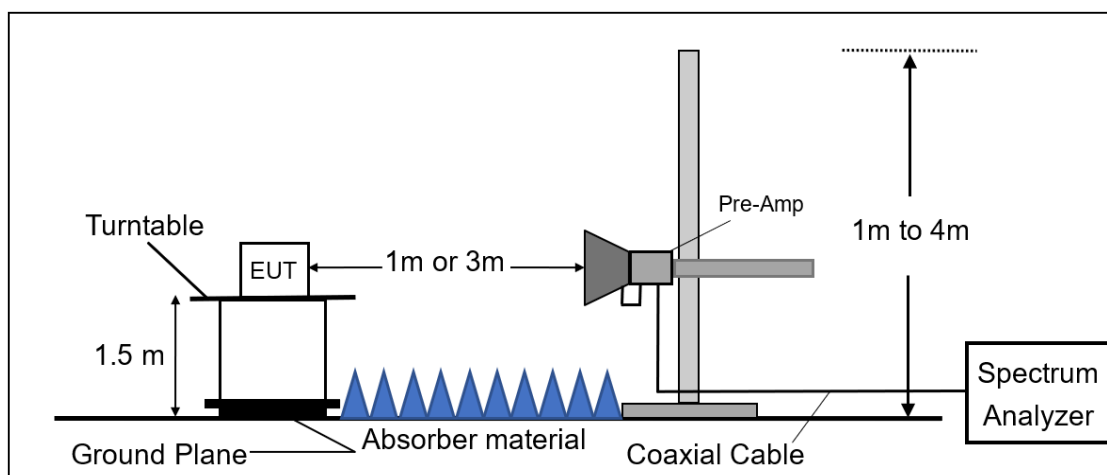
(A) Radiated Emission Test Set-Up, Frequency Below 30MHz.



(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.

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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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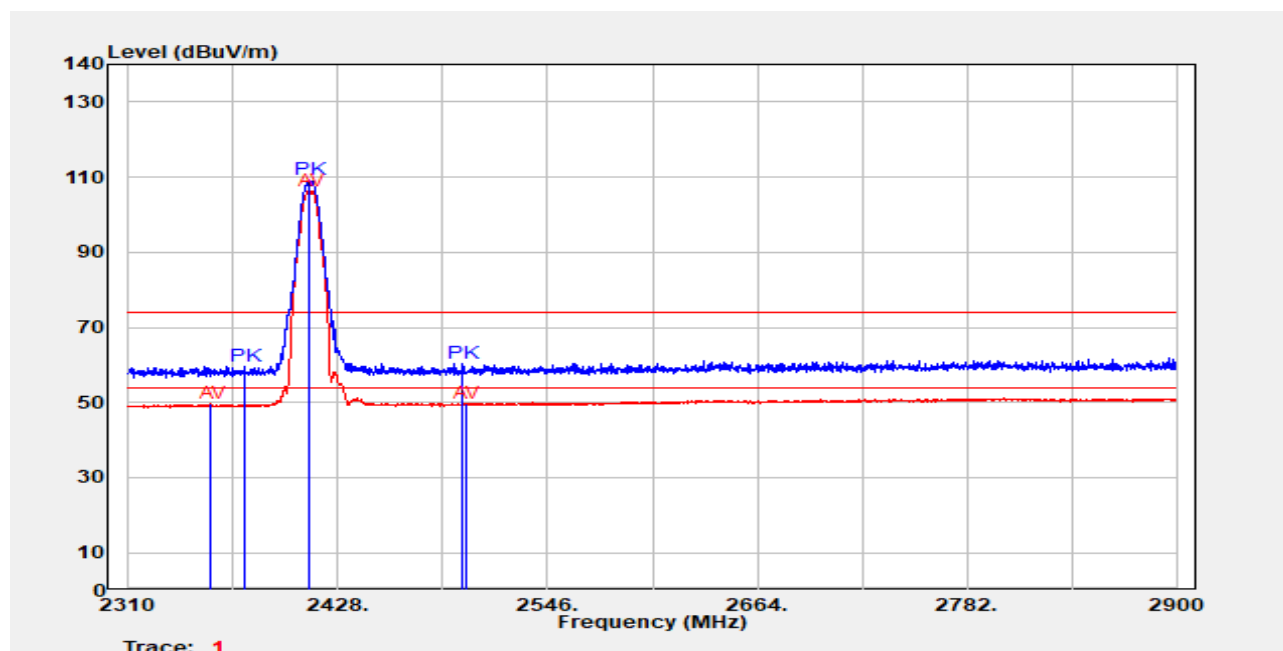
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## 11.6.1 Radiated Band Edge Measurement Result

Report Number :TERF2410003002ER  
Operation Mode :802.11b  
Test Frequency :2412 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2024-11-07  
Temp./Humi. :23.6°C/62%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



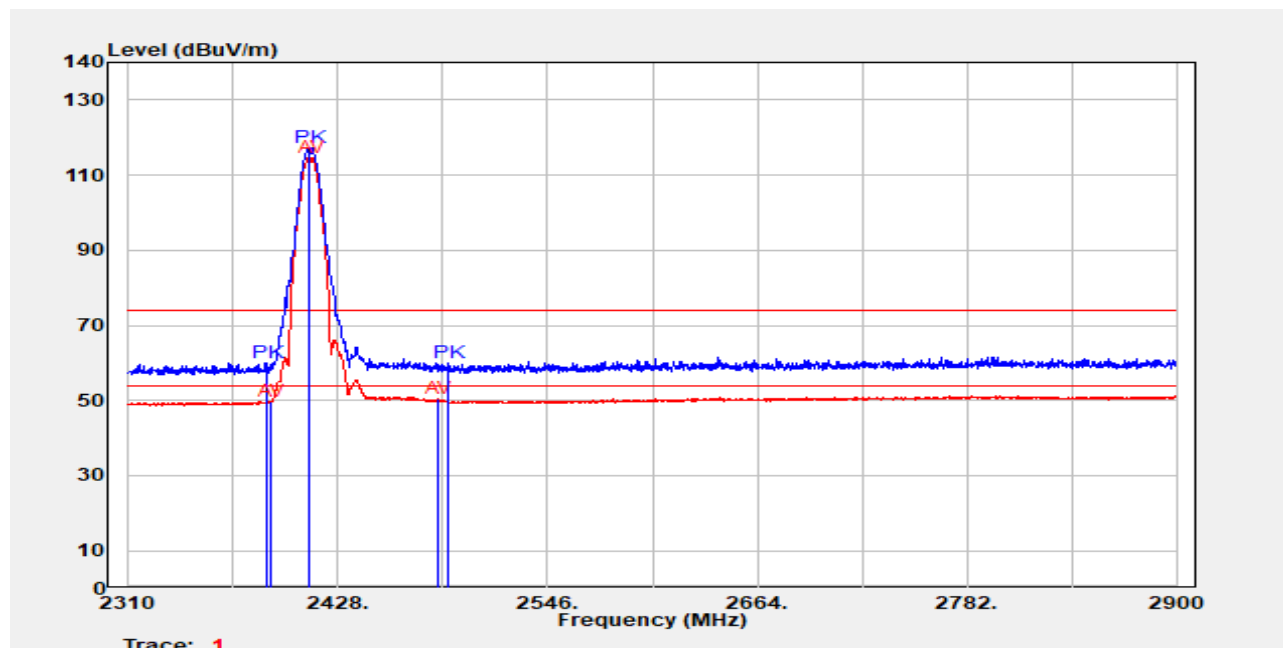
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2356.43	Average	54.23	-4.69	49.54	54.00	-4.46
2374.92	Peak	64.35	-4.65	59.70	74.00	-14.30
2412.00	Peak	113.81	-4.70	109.11	-	-
2412.00	Average	111.11	-4.70	106.41	-	-
2498.27	Peak	65.07	-4.78	60.29	74.00	-13.71
2499.85	Average	54.55	-4.76	49.79	54.00	-4.21

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Report Number :TERF2410003002ER  
Operation Mode :802.11b  
Test Frequency :2412 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2024-11-07  
Temp./Humi. :23.6°C/62%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2388.10	Peak	64.72	-4.60	60.12	74.00	-13.88
2389.87	Average	54.40	-4.60	49.80	54.00	-4.20
2412.00	Peak	121.88	-4.70	117.18	-	-
2412.00	Average	119.23	-4.70	114.53	-	-
2483.72	Average	55.18	-4.87	50.31	54.00	-3.69
2489.81	Peak	64.76	-4.86	59.90	74.00	-14.10

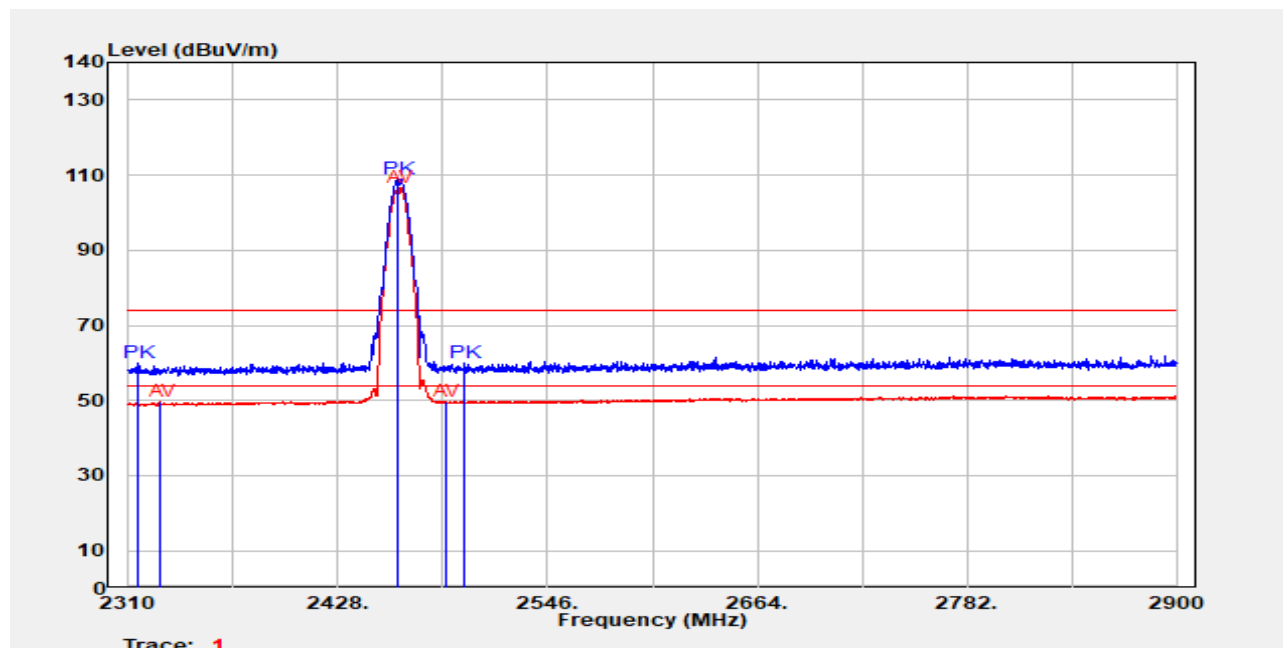
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Report Number :TERF2410003002ER  
Operation Mode :802.11b  
Test Frequency :2462 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2024-11-07  
Temp./Humi. :23.6°C/62%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2315.51	Peak	64.43	-4.65	59.78	74.00	-14.22
2328.10	Average	54.24	-4.69	49.55	54.00	-4.45
2462.00	Peak	113.93	-4.88	109.05	-	-
2462.00	Average	111.33	-4.88	106.45	-	-
2488.83	Average	54.66	-4.86	49.80	54.00	-4.20
2499.45	Peak	64.64	-4.77	59.87	74.00	-14.13

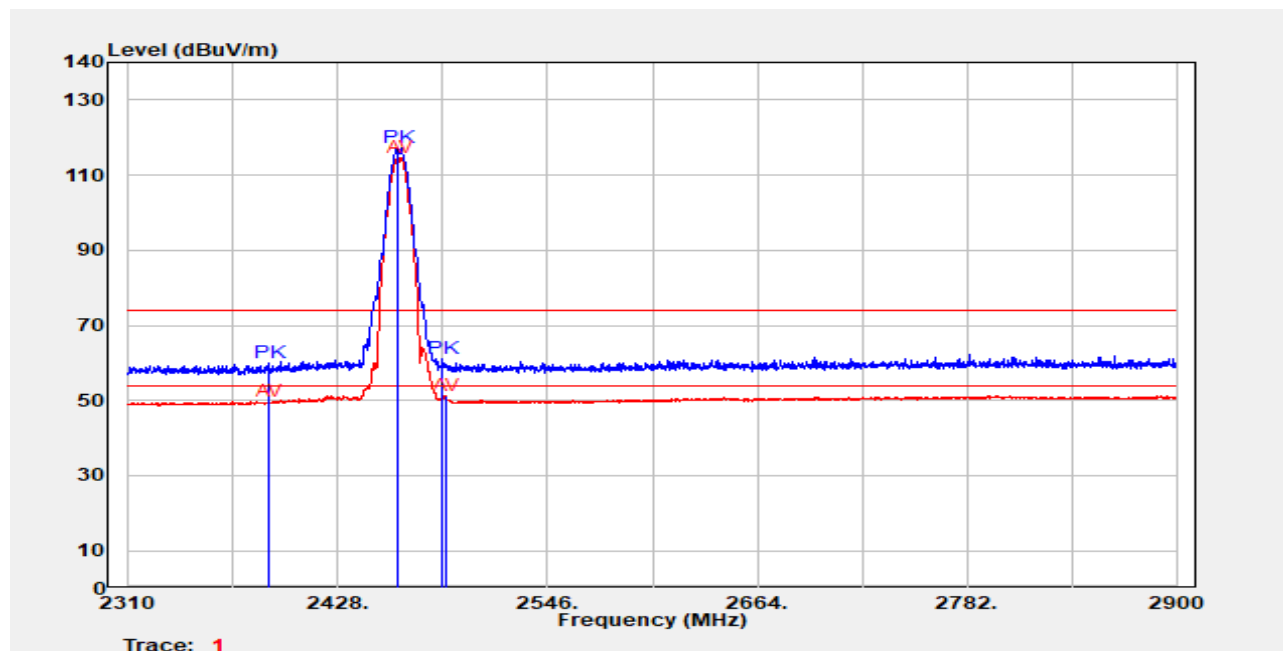
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Report Number :TERF2410003002ER  
Operation Mode :802.11b  
Test Frequency :2462 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2024-11-07  
Temp./Humi. :23.6°C/62%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



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	Peak	64.46	-4.60	59.86	74.00	-14.14
2388.69	Average	54.18	-4.60	49.58	54.00	-4.42
2462.00	Peak	122.06	-4.88	117.18	-	-
2462.00	Average	119.43	-4.88	114.55	-	-
2486.47	Peak	65.87	-4.87	61.00	74.00	-13.00
2488.24	Average	56.15	-4.86	51.29	54.00	-2.71

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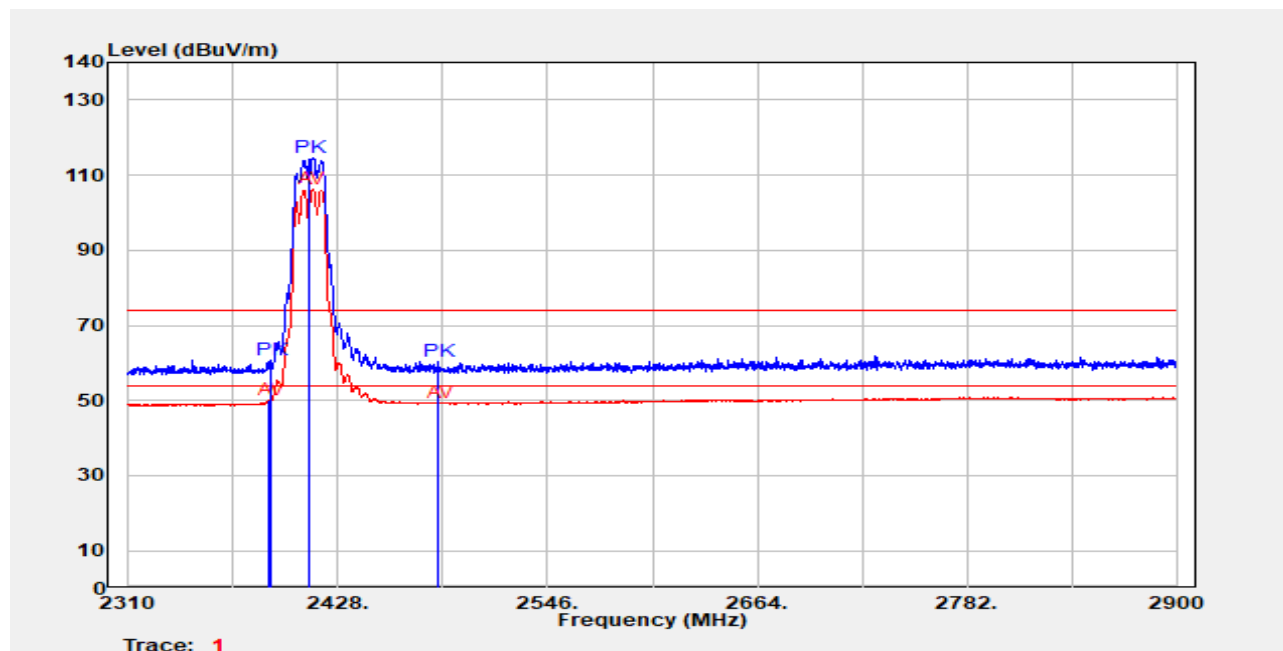
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Report Number :TERF2410003002ER  
Operation Mode :802.11g  
Test Frequency :2412 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2024-11-07  
Temp./Humi. :23.6°C/62%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2389.28	Average	54.85	-4.60	50.25	54.00	-3.75
2389.68	Peak	65.19	-4.60	60.59	74.00	-13.41
2412.00	Peak	119.21	-4.70	114.51	-	-
2412.00	Average	111.00	-4.70	106.30	-	-
2483.91	Peak	65.07	-4.87	60.20	74.00	-13.80
2484.50	Average	54.25	-4.87	49.38	54.00	-4.62

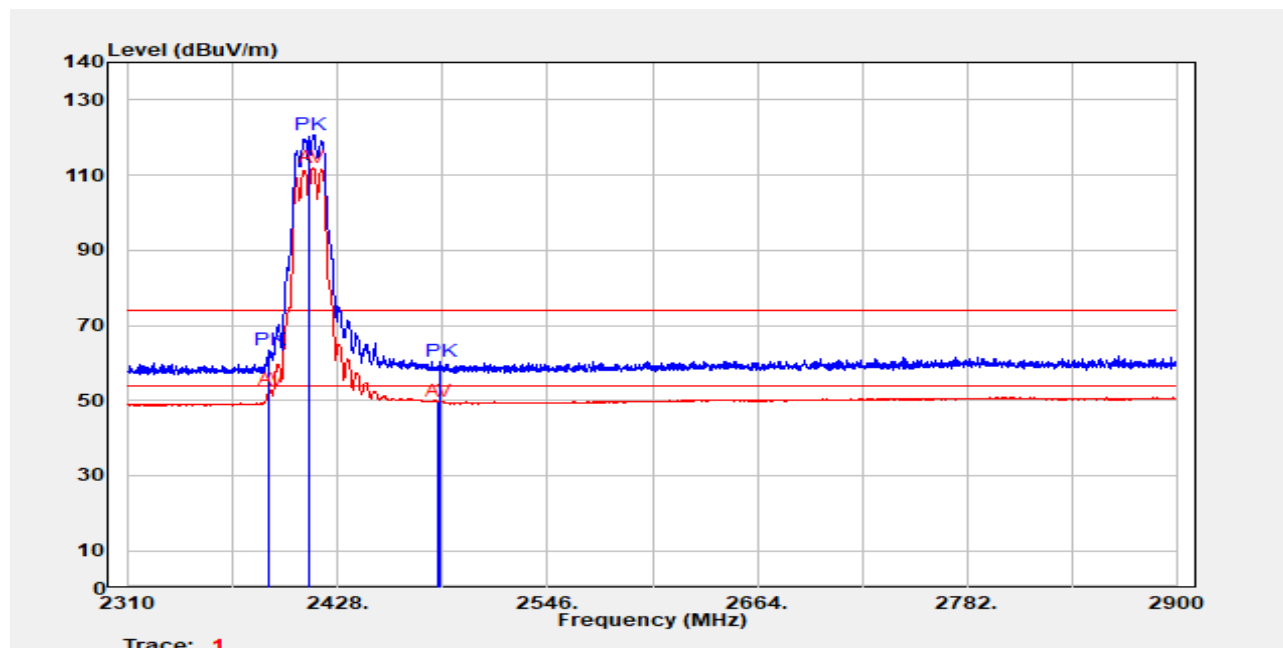
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Report Number :TERF2410003002ER  
Operation Mode :802.11g  
Test Frequency :2412 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2024-11-07  
Temp./Humi. :23.6°C/62%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2388.89	Peak	67.85	-4.60	63.25	74.00	-10.75
2389.48	Average	57.41	-4.60	52.81	54.00	-1.19
2412.00	Peak	125.26	-4.70	120.56	-	-
2412.00	Average	116.60	-4.70	111.90	-	-
2484.11	Average	54.74	-4.87	49.87	54.00	-4.13
2485.09	Peak	65.09	-4.87	60.22	74.00	-13.78

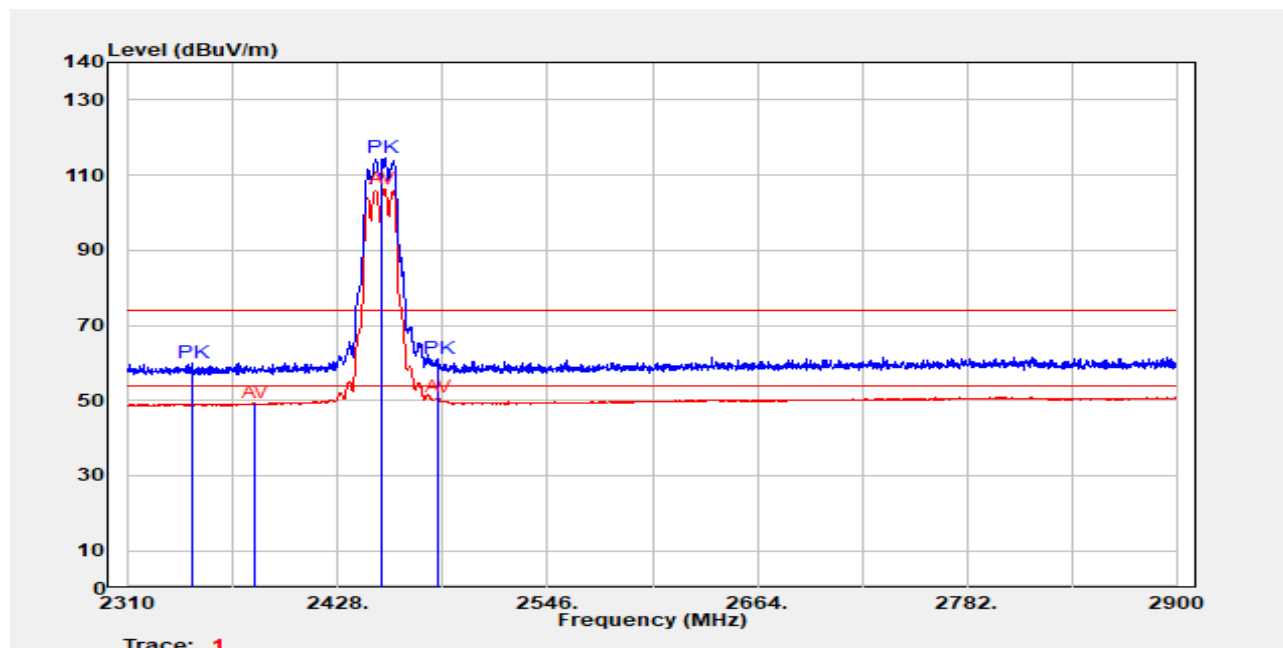
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Report Number :TERF2410003002ER  
Operation Mode :802.11g  
Test Frequency :2452 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2024-11-07  
Temp./Humi. :23.6°C/62%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2345.61	Peak	64.52	-4.69	59.83	74.00	-14.17
2380.43	Average	53.78	-4.60	49.18	54.00	-4.82
2452.00	Peak	119.49	-4.88	114.61	-	-
2452.00	Average	110.97	-4.88	106.09	-	-
2484.11	Peak	66.05	-4.87	61.18	74.00	-12.82
2484.11	Average	55.58	-4.87	50.71	54.00	-3.29

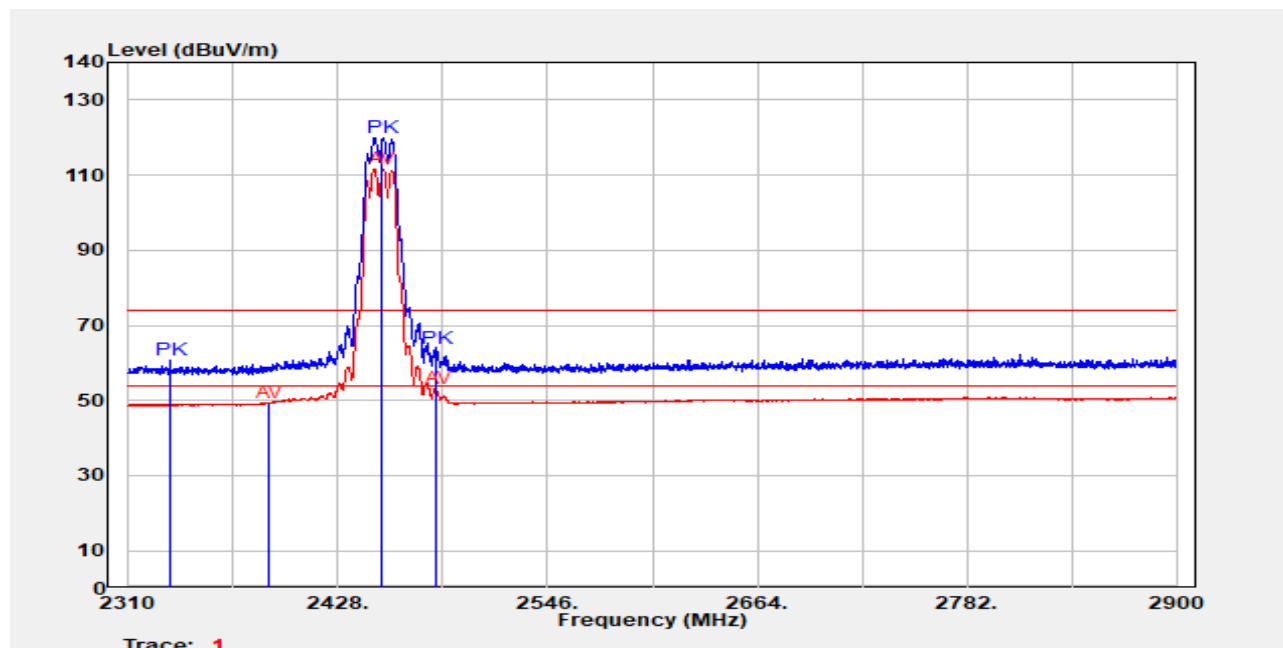
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Report Number :TERF2410003002ER  
Operation Mode :802.11g  
Test Frequency :2452 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2024-11-07  
Temp./Humi. :23.6°C/62%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2333.41	Peak	65.28	-4.69	60.59	74.00	-13.41
2388.89	Average	53.90	-4.60	49.30	54.00	-4.70
2452.00	Peak	124.83	-4.88	119.95	-	-
2452.00	Average	116.54	-4.88	111.66	-	-
2483.50	Peak	68.51	-4.87	63.64	74.00	-10.36
2483.50	Average	57.82	-4.87	52.95	54.00	-1.05

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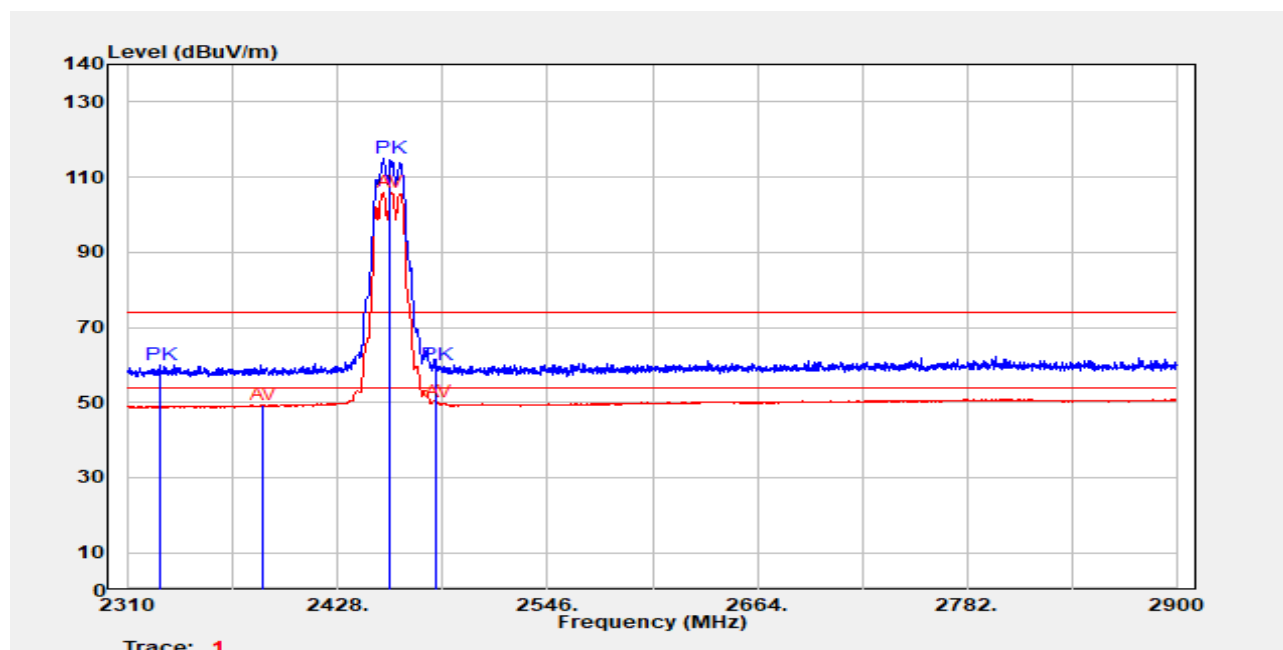
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Report Number :TERF2410003002ER  
 Operation Mode :802.11g  
 Test Frequency :2457 MHz  
 Test Mode :Bandedge  
 EUT Pol :H Plane

Test Site :SAC 2  
 Test Date :2024-11-08  
 Temp./Humi. :24.1°C/64%  
 Antenna Pol. :Vertical  
 Engineer :Bob Chao



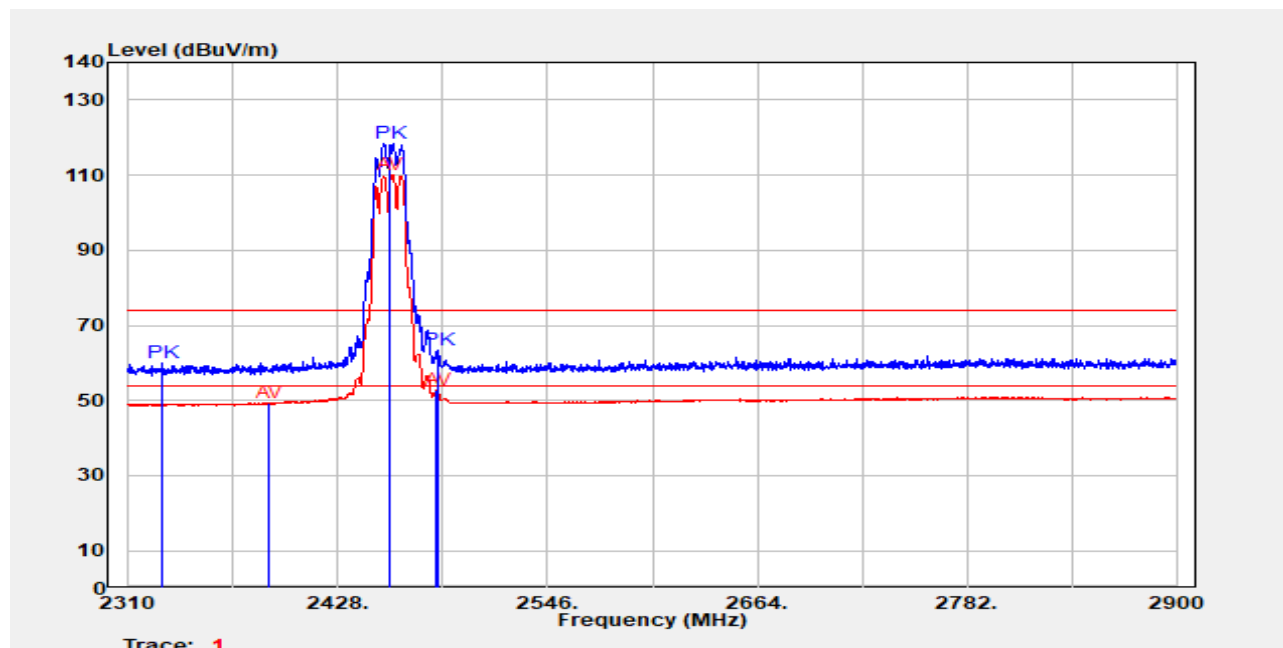
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2327.31	Peak	64.60	-4.69	59.91	74.00	-14.09
2385.15	Average	53.86	-4.59	49.27	54.00	-4.73
2457.00	Peak	119.87	-4.88	114.99	-	-
2457.00	Average	110.66	-4.88	105.78	-	-
2483.50	Peak	64.87	-4.87	60.00	74.00	-14.00
2483.50	Average	55.04	-4.87	50.17	54.00	-3.83

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Report Number :TERF2410003002ER  
Operation Mode :802.11g  
Test Frequency :2457 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2024-11-08  
Temp./Humi. :24.1°C/64%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2329.08	Peak	64.74	-4.69	60.05	74.00	-13.95
2389.09	Average	53.88	-4.60	49.28	54.00	-4.72
2457.00	Peak	123.35	-4.88	118.47	-	-
2457.00	Average	114.89	-4.88	110.01	-	-
2483.50	Average	57.54	-4.87	52.67	54.00	-1.33
2483.72	Peak	68.34	-4.87	63.47	74.00	-10.53

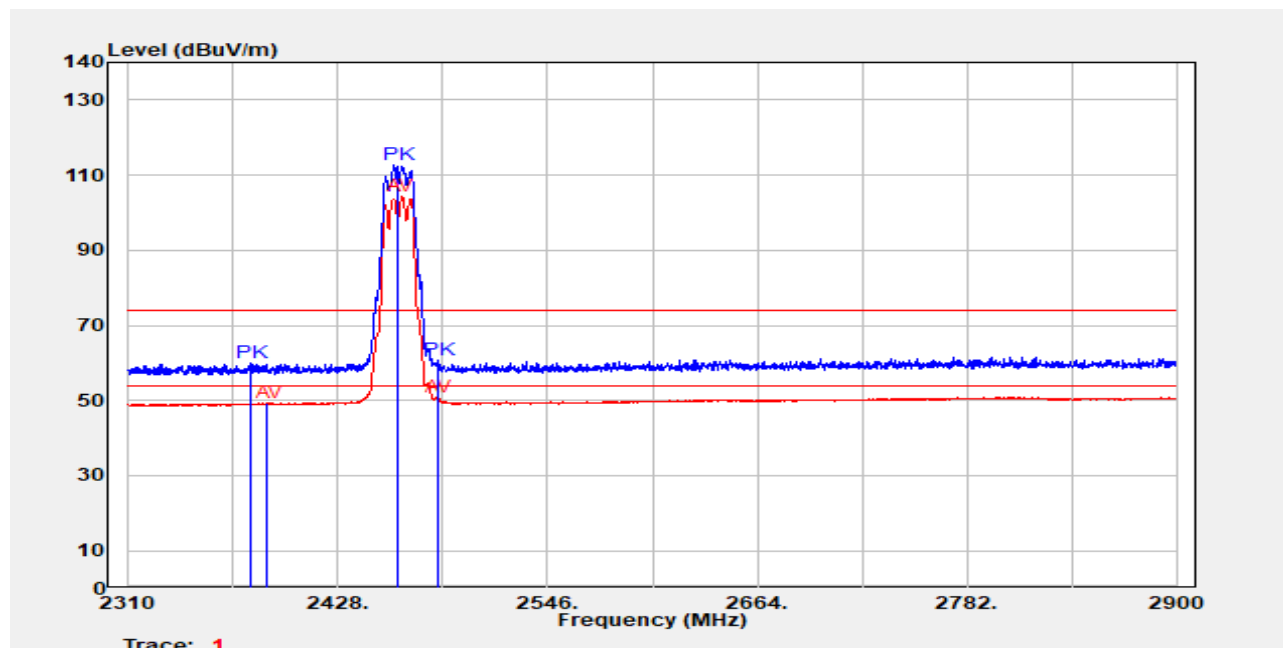
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Report Number :TERF2410003002ER  
Operation Mode :802.11g  
Test Frequency :2462 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2024-11-07  
Temp./Humi. :23.6°C/62%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



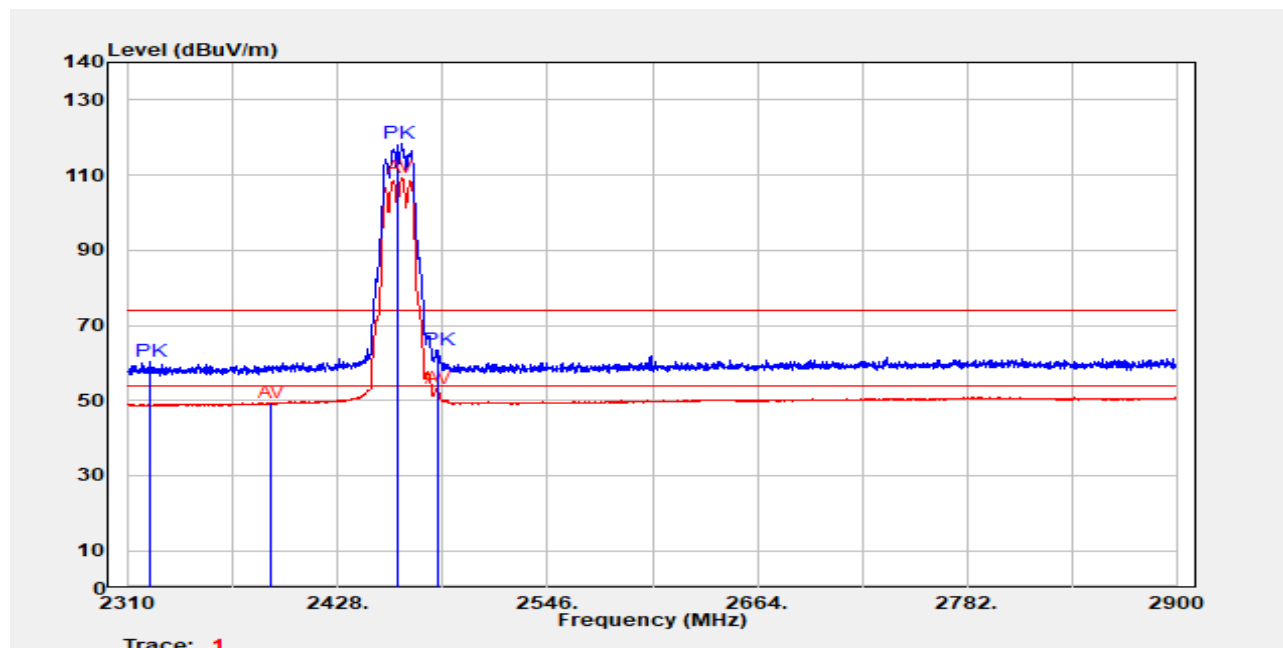
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2378.86	Peak	64.46	-4.61	59.85	74.00	-14.15
2388.10	Average	53.85	-4.60	49.25	54.00	-4.75
2462.00	Peak	117.56	-4.88	112.68	-	-
2462.00	Average	109.10	-4.88	104.22	-	-
2483.72	Average	55.77	-4.87	50.90	54.00	-3.10
2484.31	Peak	65.67	-4.87	60.80	74.00	-13.20

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Report Number :TERF2410003002ER  
Operation Mode :802.11g  
Test Frequency :2462 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2024-11-07  
Temp./Humi. :23.6°C/62%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2322.39	Peak	65.09	-4.68	60.41	74.00	-13.59
2389.87	Average	53.85	-4.60	49.25	54.00	-4.75
2462.00	Peak	123.09	-4.88	118.21	-	-
2462.00	Average	114.00	-4.88	109.12	-	-
2483.91	Average	58.03	-4.87	53.16	54.00	-0.84
2484.11	Peak	68.26	-4.87	63.39	74.00	-10.61

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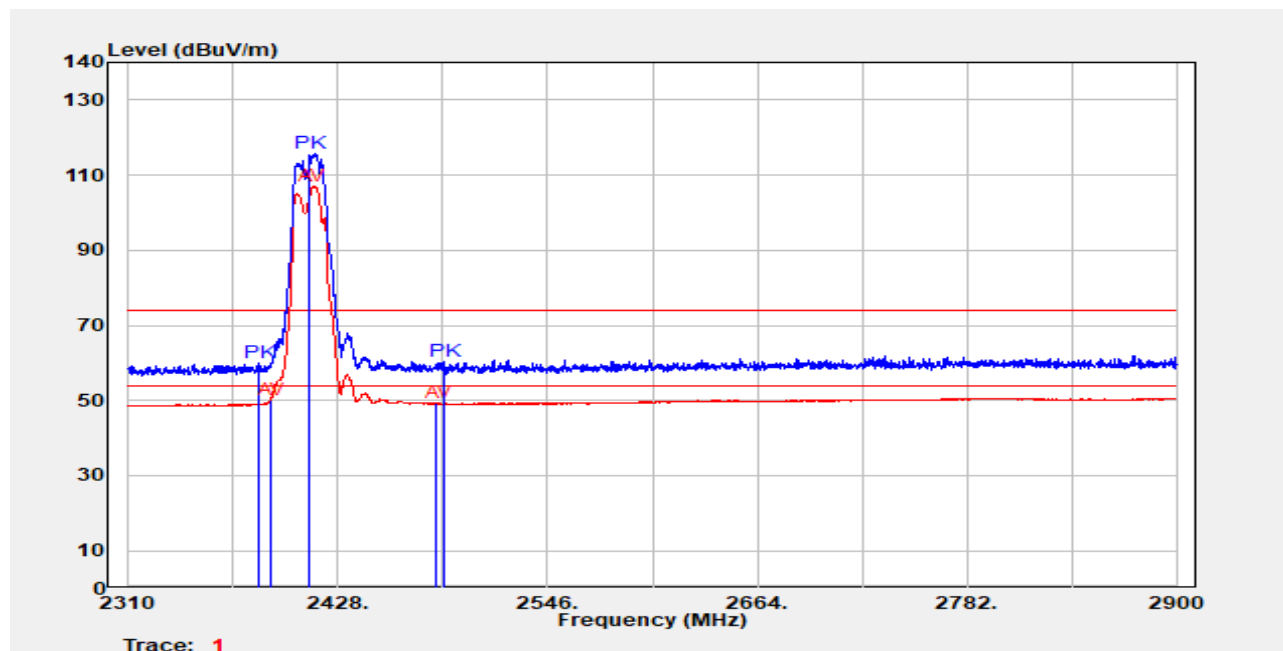
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Report Number :TERF2410003002ER  
Operation Mode :802.11n20  
Test Frequency :2412 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2024-11-08  
Temp./Humi. :24.1°C/64%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



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	64.71	-4.60	60.11	74.00	-13.89
2389.87	Average	54.53	-4.60	49.93	54.00	-4.07
2412.00	Peak	120.44	-4.70	115.74	-	-
2412.00	Average	111.83	-4.70	107.13	-	-
2483.50	Average	54.11	-4.87	49.24	54.00	-4.76
2487.06	Peak	65.13	-4.87	60.26	74.00	-13.74

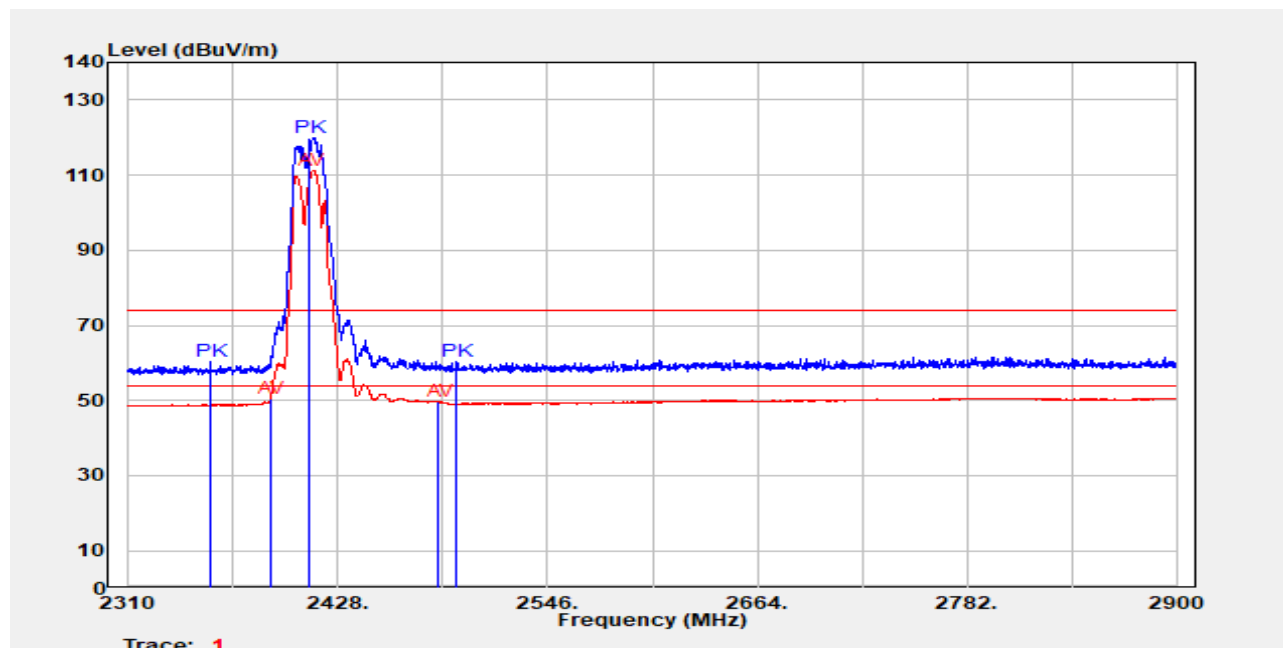
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Report Number :TERF2410003002ER  
Operation Mode :802.11n20  
Test Frequency :2412 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2024-11-08  
Temp./Humi. :24.1°C/64%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2355.84	Peak	64.93	-4.69	60.24	74.00	-13.76
2389.87	Average	54.92	-4.60	50.32	54.00	-3.68
2412.00	Peak	124.63	-4.70	119.93	-	-
2412.00	Average	115.87	-4.70	111.17	-	-
2484.50	Average	54.62	-4.87	49.75	54.00	-4.25
2494.93	Peak	64.97	-4.82	60.15	74.00	-13.85

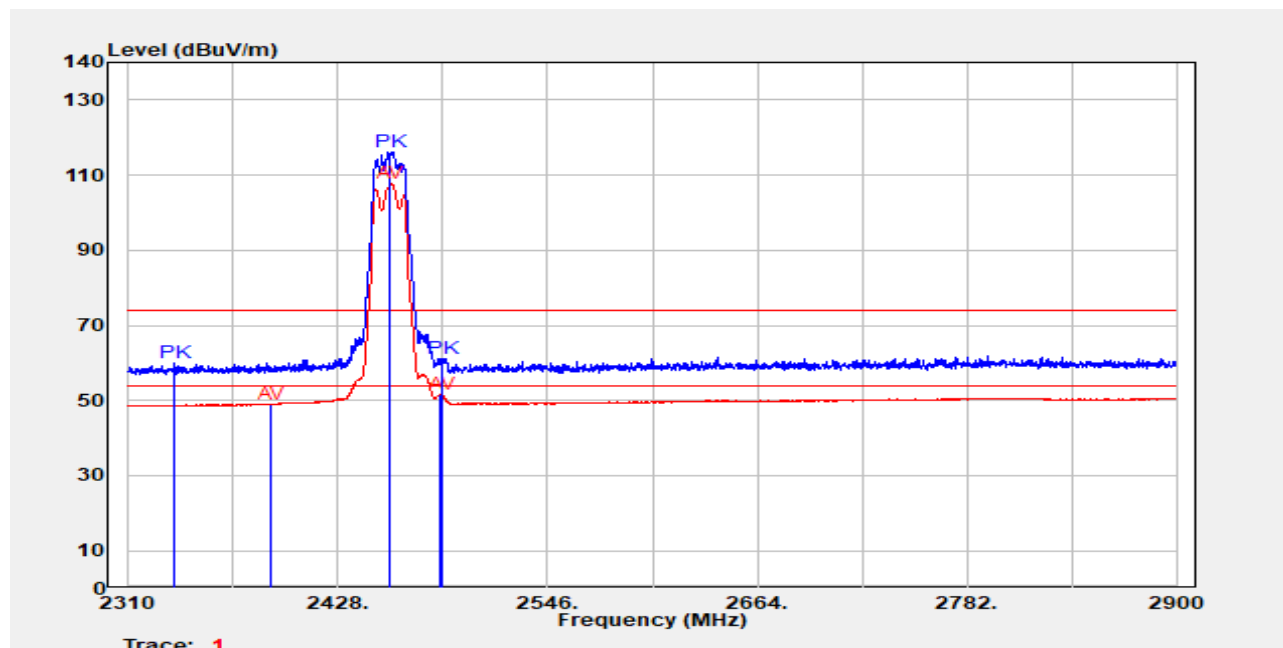
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Report Number :TERF2410003002ER  
Operation Mode :802.11n20  
Test Frequency :2457 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2024-11-08  
Temp./Humi. :24.1°C/64%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2335.969	Peak	64.78	-4.69	60.09	74.00	-13.91
2389.677	Average	53.67	-4.60	49.08	54.00	-4.92
2457.000	Peak	121.01	-4.88	116.13	74.00	42.13
2457.000	Average	112.46	-4.88	107.58	54.00	53.58
2485.682	Average	56.51	-4.87	51.64	54.00	-2.36
2486.469	Peak	66.11	-4.87	61.24	74.00	-12.76

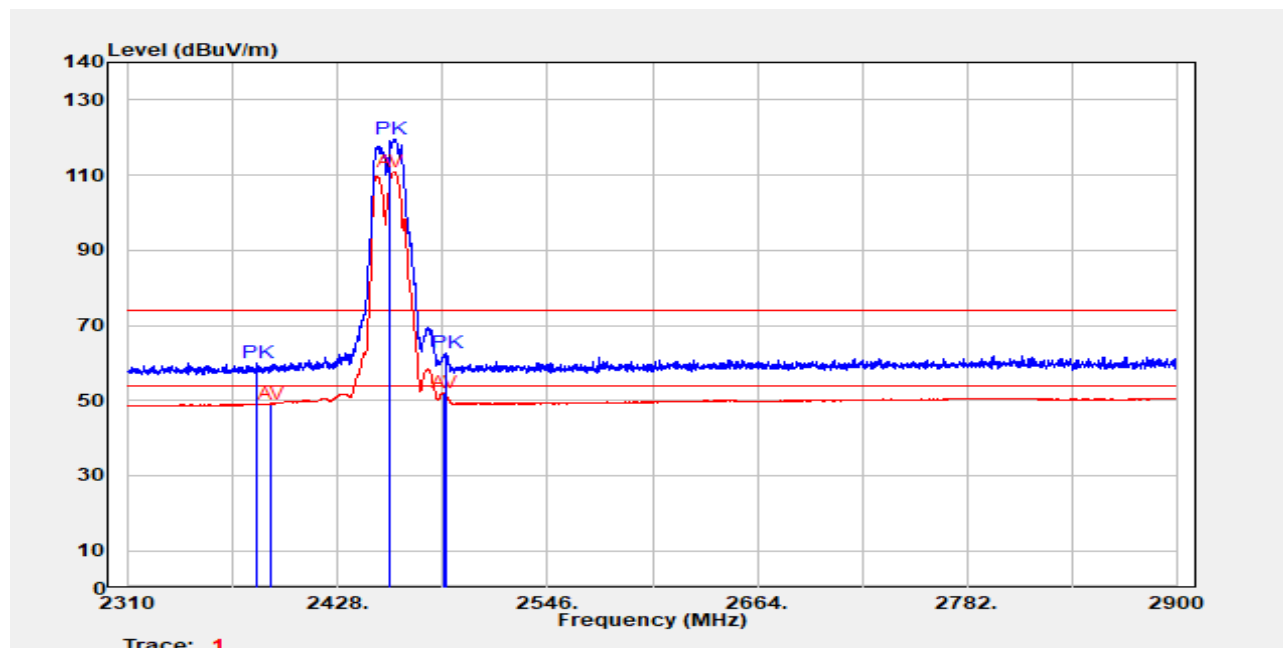
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Report Number :TERF2410003002ER  
Operation Mode :802.11n20  
Test Frequency :2457 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2024-11-08  
Temp./Humi. :24.1°C/64%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dB $\mu$ V	dB	dB $\mu$ V/m	dB $\mu$ V/m	dB
2382.397	Peak	64.50	-4.60	59.91	74.00	-14.09
2389.873	Average	53.71	-4.60	49.11	54.00	-4.89
2457.000	Peak	124.31	-4.88	119.43	74.00	45.43
2457.000	Average	115.67	-4.88	110.79	54.00	56.79
2487.256	Average	56.99	-4.87	52.12	54.00	-1.88
2488.436	Peak	67.39	-4.86	62.52	74.00	-11.48

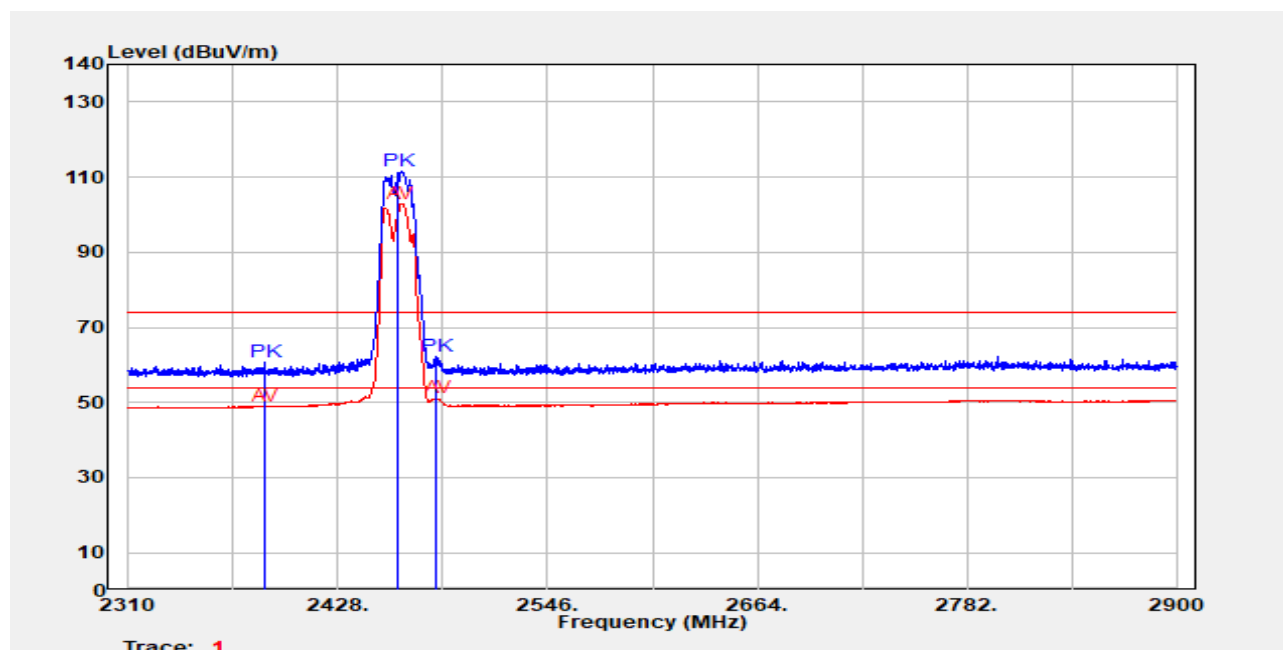
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Report Number :TERF2410003002ER  
Operation Mode :802.11n20  
Test Frequency :2462 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2024-11-08  
Temp./Humi. :24.1°C/64%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2386.33	Peak	65.15	-4.59	60.56	74.00	-13.44
2386.33	Average	53.53	-4.59	48.94	54.00	-5.06
2462.00	Peak	116.56	-4.88	111.68	-	-
2462.00	Average	107.78	-4.88	102.90	-	-
2483.50	Peak	67.11	-4.87	62.24	74.00	-11.76
2483.50	Average	55.92	-4.87	51.05	54.00	-2.95

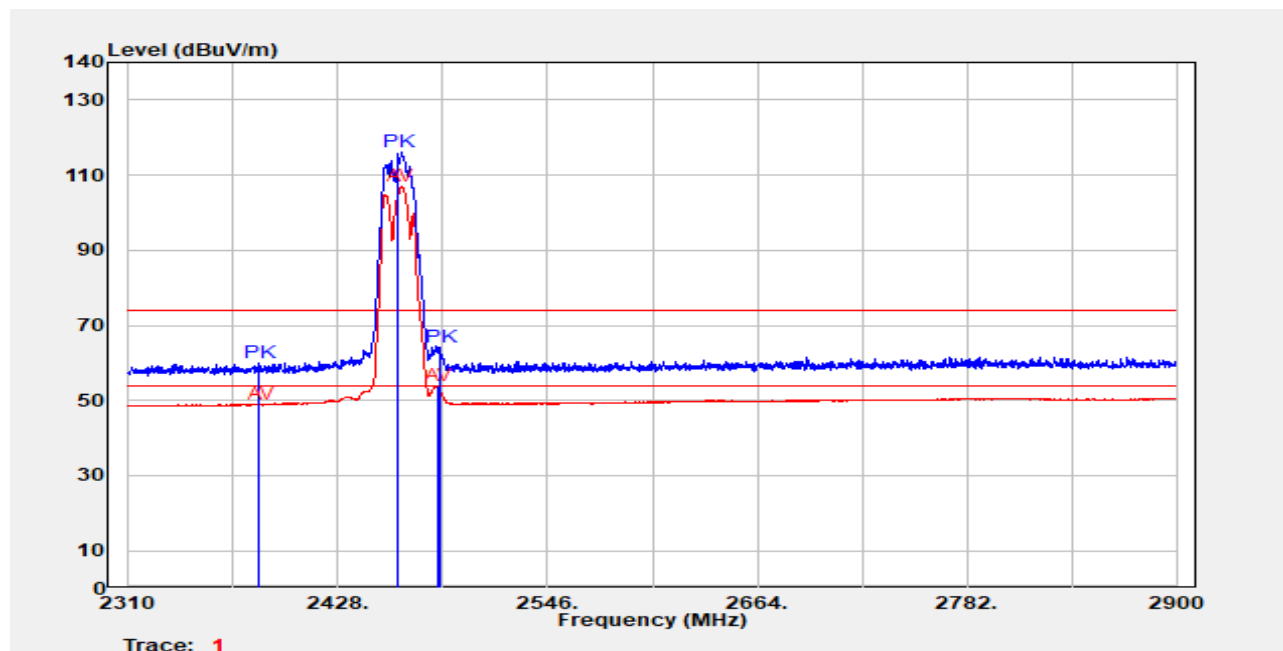
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Report Number :TERF2410003002ER  
Operation Mode :802.11n20  
Test Frequency :2462 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2024-11-08  
Temp./Humi. :24.1°C/64%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2383.58	Peak	64.60	-4.60	60.00	74.00	-14.00
2383.78	Average	53.60	-4.60	49.00	54.00	-5.00
2462.00	Peak	120.82	-4.88	115.94	-	-
2462.00	Average	111.74	-4.88	106.86	-	-
2483.72	Average	58.57	-4.87	53.70	54.00	-0.30
2485.29	Peak	68.95	-4.87	64.08	74.00	-9.92

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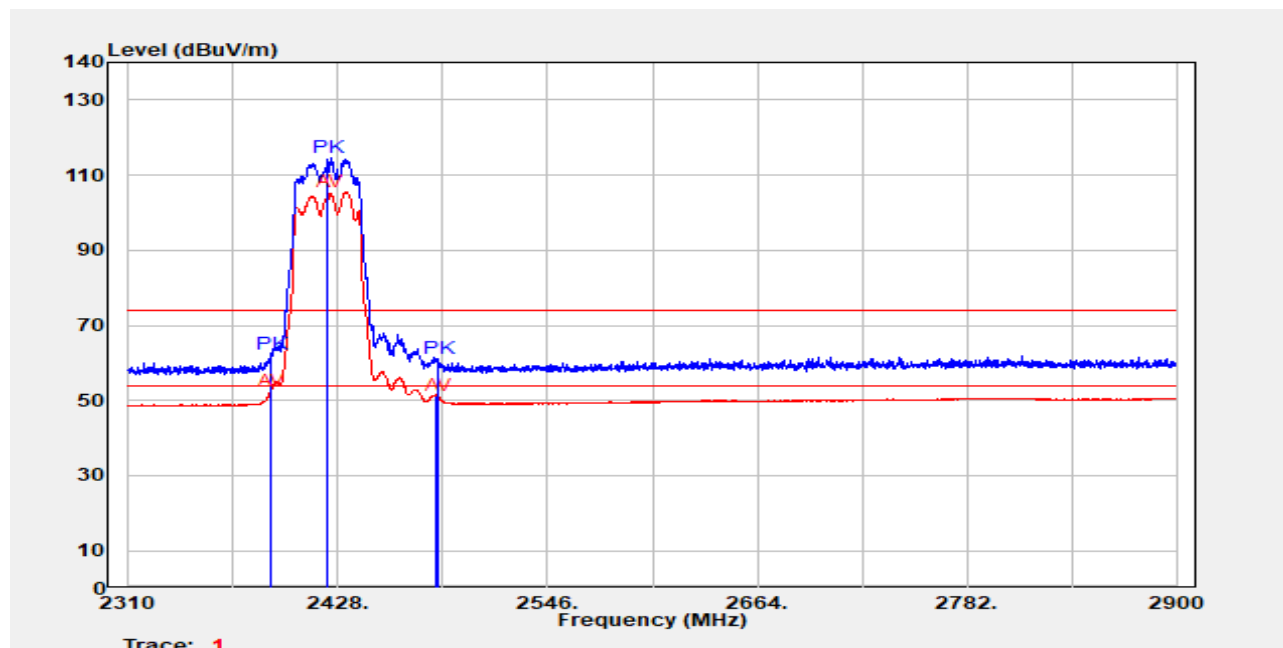
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Report Number :TERF2410003002ER  
Operation Mode :802.11n40  
Test Frequency :2422 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2024-11-08  
Temp./Humi. :24.1°C/64%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2389.87	Peak	66.87	-4.60	62.27	74.00	-11.73
2389.87	Average	56.94	-4.60	52.34	54.00	-1.66
2422.00	Peak	119.20	-4.69	114.51	-	-
2422.00	Average	110.19	-4.69	105.50	-	-
2483.50	Average	56.22	-4.87	51.35	54.00	-2.65
2483.72	Peak	65.91	-4.87	61.04	74.00	-12.96

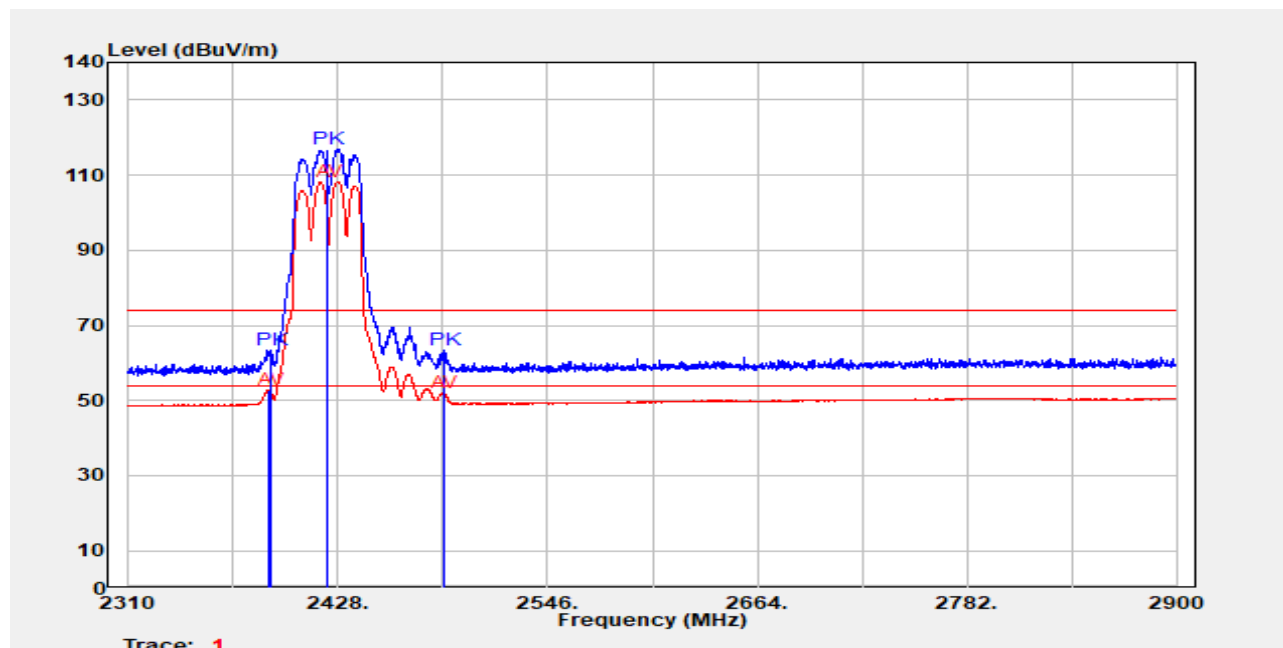
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Report Number :TERF2410003002ER  
Operation Mode :802.11n40  
Test Frequency :2422 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2024-11-08  
Temp./Humi. :24.1°C/64%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



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	Average	57.30	-4.60	52.70	54.00	-1.30
2389.68	Peak	67.98	-4.60	63.38	74.00	-10.62
2422.00	Peak	121.59	-4.69	116.90	-	-
2422.00	Average	112.87	-4.69	108.18	-	-
2487.45	Peak	68.37	-4.87	63.50	74.00	-10.50
2487.45	Average	56.86	-4.87	51.99	54.00	-2.01

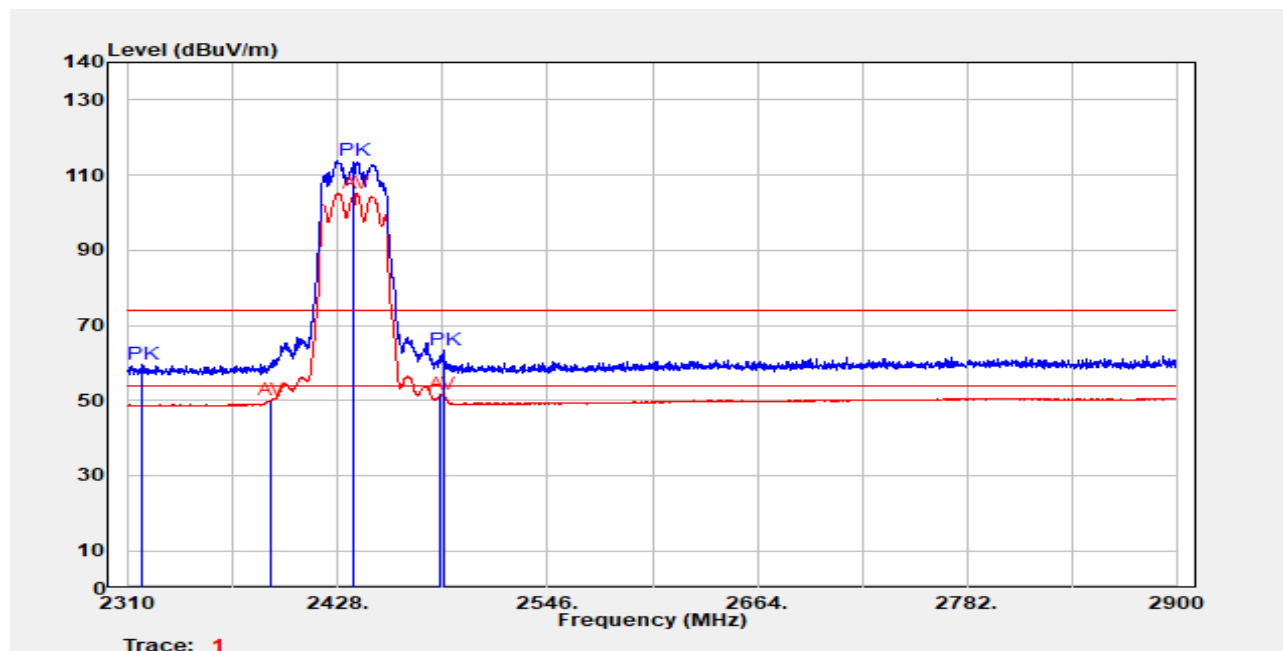
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Report Number :TERF2410003002ER  
Operation Mode :802.11n40  
Test Frequency :2437 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2024-11-08  
Temp./Humi. :24.1°C/64%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2317.87	Peak	64.42	-4.67	59.75	74.00	-14.25
2389.87	Average	54.65	-4.60	50.05	54.00	-3.95
2437.00	Peak	118.59	-4.76	113.83	-	-
2437.00	Average	109.83	-4.76	105.07	-	-
2485.68	Average	56.34	-4.87	51.47	54.00	-2.53
2487.06	Peak	68.10	-4.87	63.23	74.00	-10.77

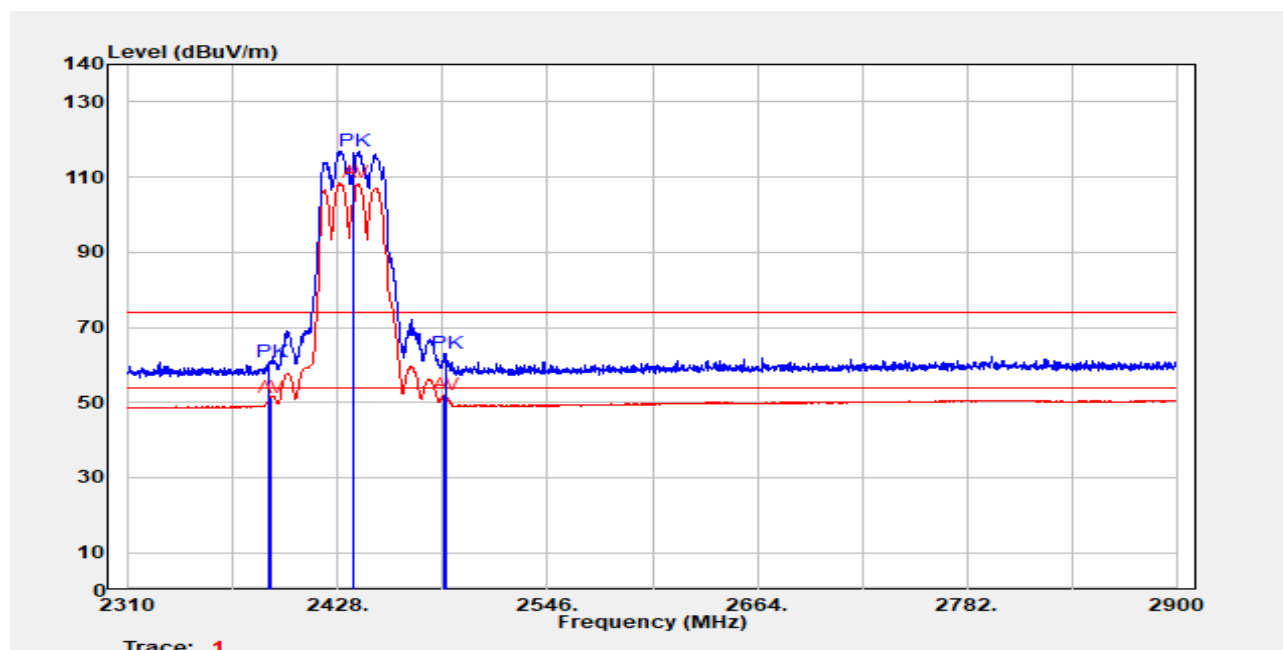
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Report Number :TERF2410003002ER  
Operation Mode :802.11n40  
Test Frequency :2437 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2024-11-08  
Temp./Humi. :24.1°C/64%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



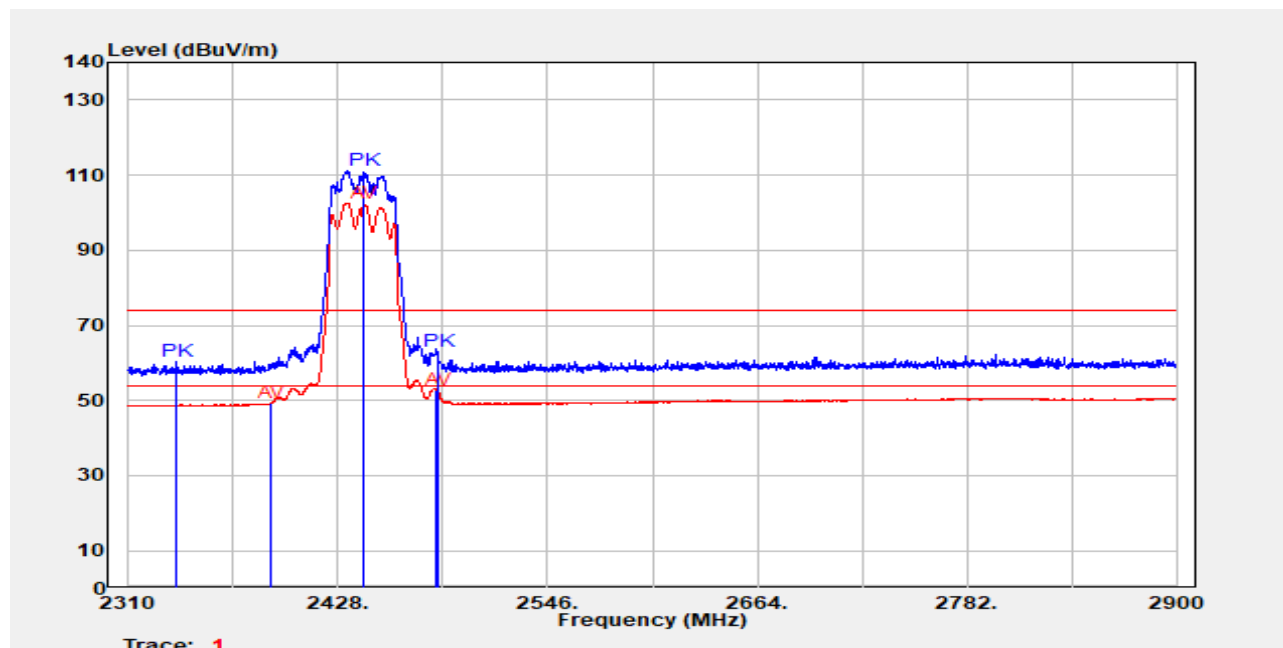
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2389.48	Peak	65.33	-4.60	60.73	74.00	-13.27
2389.87	Average	55.78	-4.60	51.18	54.00	-2.82
2437.00	Peak	121.72	-4.76	116.96	-	-
2437.00	Average	113.10	-4.76	108.34	-	-
2488.04	Average	56.71	-4.86	51.85	54.00	-2.15
2488.24	Peak	67.84	-4.86	62.98	74.00	-11.02

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Report Number :TERF2410003002ER  
Operation Mode :802.11n40  
Test Frequency :2442 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2024-11-08  
Temp./Humi. :24.1°C/64%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2336.76	Peak	65.17	-4.69	60.48	74.00	-13.52
2389.87	Average	53.81	-4.60	49.21	54.00	-4.79
2442.00	Peak	116.04	-4.80	111.24	-	-
2442.00	Average	107.38	-4.80	102.58	-	-
2483.50	Average	57.64	-4.87	52.77	54.00	-1.23
2484.31	Peak	67.88	-4.87	63.01	74.00	-10.99

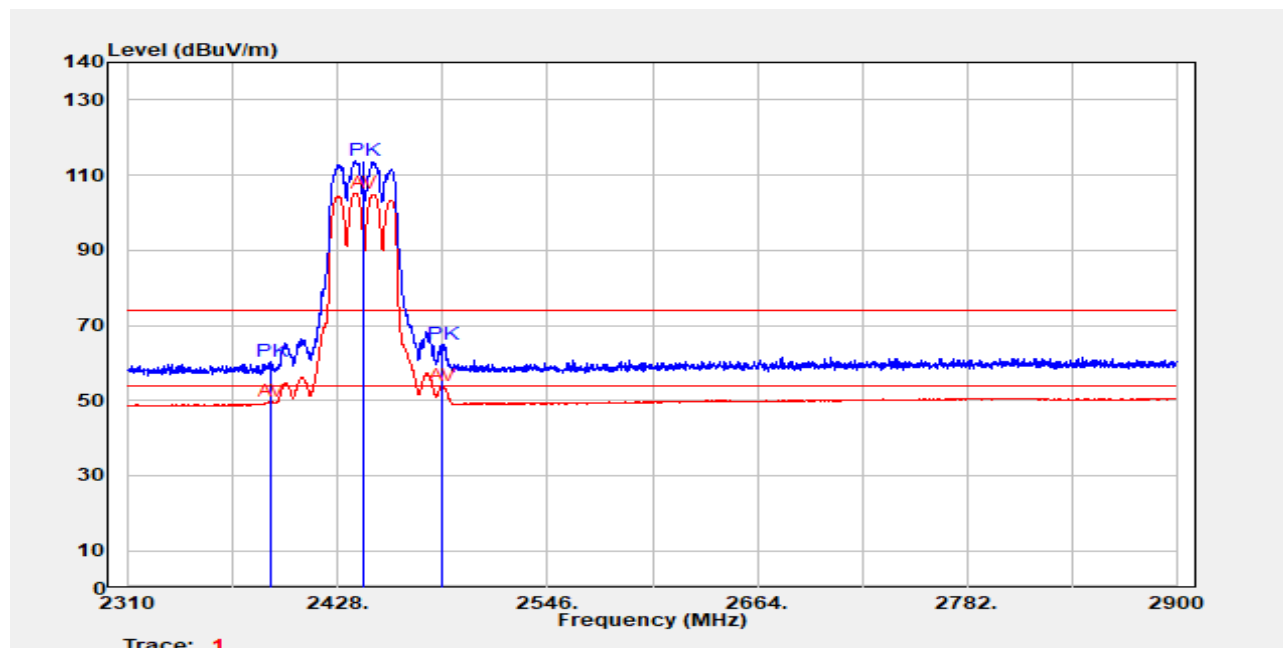
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Report Number :TERF2410003002ER  
Operation Mode :802.11n40  
Test Frequency :2442 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2024-11-08  
Temp./Humi. :24.1°C/64%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2389.87	Peak	64.75	-4.60	60.15	74.00	-13.85
2389.87	Average	54.29	-4.60	49.69	54.00	-4.31
2442.00	Peak	118.60	-4.80	113.80	-	-
2442.00	Average	110.03	-4.80	105.23	-	-
2486.08	Peak	69.75	-4.87	64.88	74.00	-9.12
2486.27	Average	58.56	-4.87	53.69	54.00	-0.31

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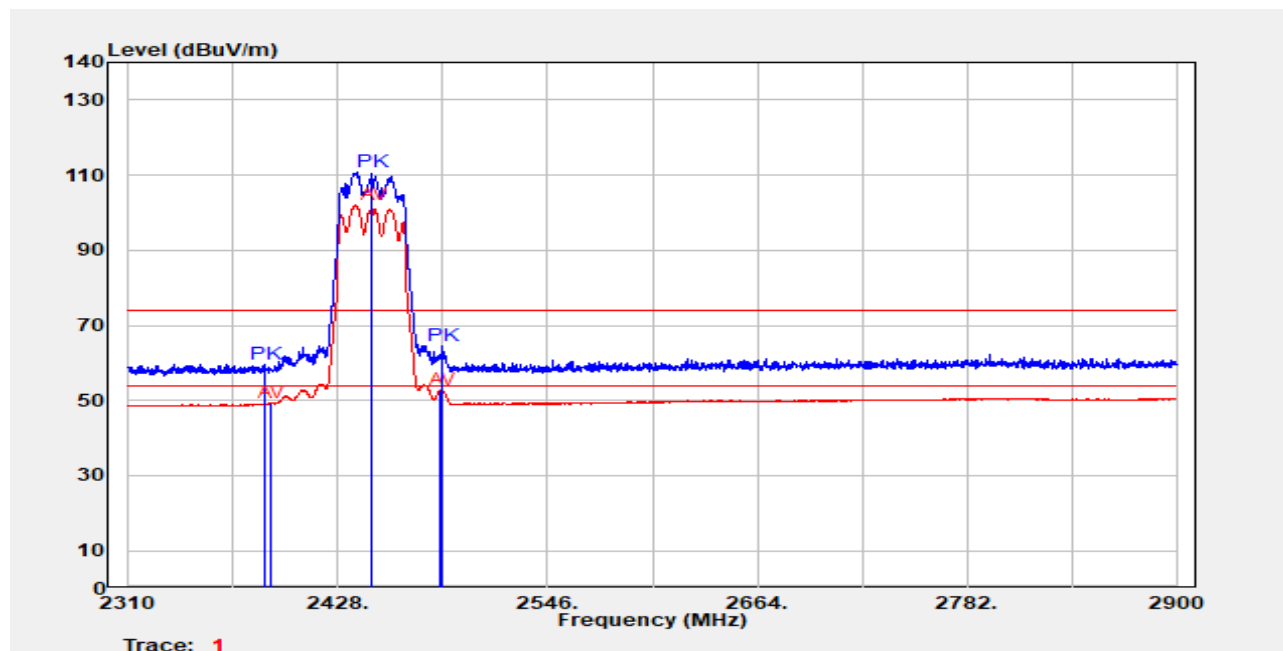
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Report Number :TERF2410003002ER  
Operation Mode :802.11n40  
Test Frequency :2447 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2024-11-08  
Temp./Humi. :24.1°C/64%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2386.53	Peak	64.26	-4.60	59.66	74.00	-14.34
2389.68	Average	53.84	-4.60	49.24	54.00	-4.76
2447.00	Peak	115.50	-4.85	110.65	-	-
2447.00	Average	106.74	-4.85	101.89	-	-
2485.88	Average	57.60	-4.87	52.73	54.00	-1.27
2486.67	Peak	69.23	-4.87	64.36	74.00	-9.64

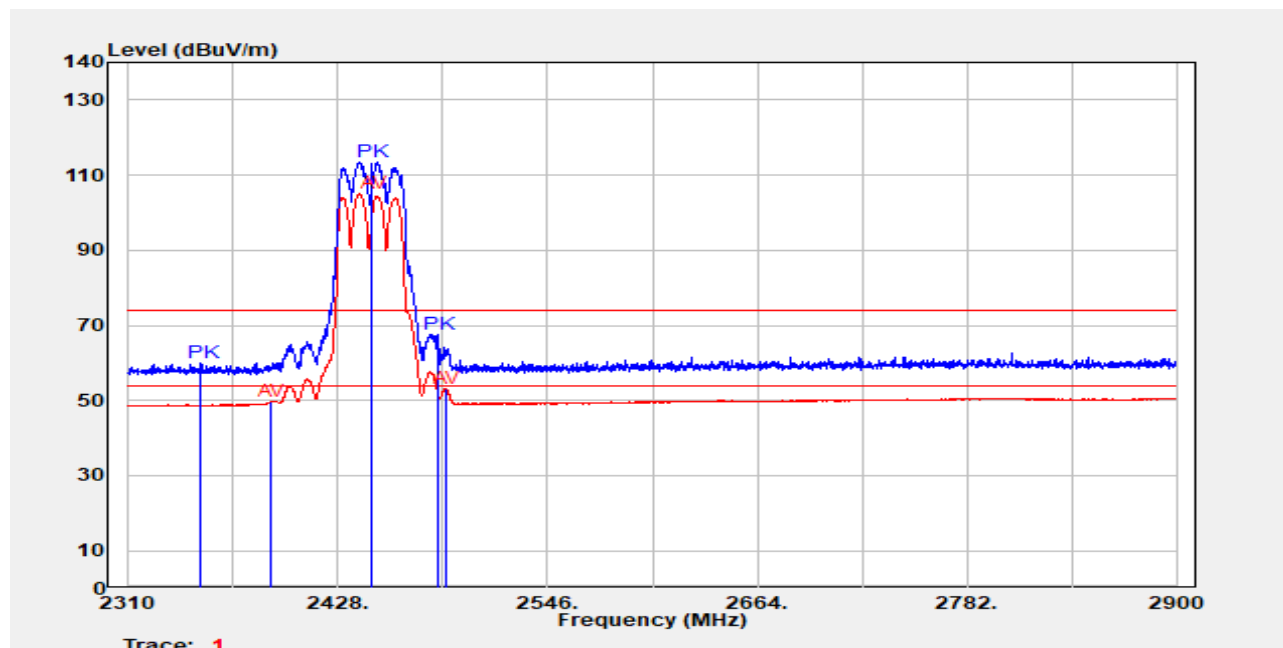
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Report Number :TERF2410003002ER  
Operation Mode :802.11n40  
Test Frequency :2447 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2024-11-08  
Temp./Humi. :24.1°C/64%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2350.92	Peak	64.66	-4.70	59.96	74.00	-14.04
2389.87	Average	54.14	-4.60	49.54	54.00	-4.46
2447.00	Peak	118.26	-4.85	113.41	-	-
2447.00	Average	109.76	-4.85	104.91	-	-
2483.72	Peak	72.35	-4.87	67.48	74.00	-6.52
2488.44	Average	58.11	-4.86	53.25	54.00	-0.75

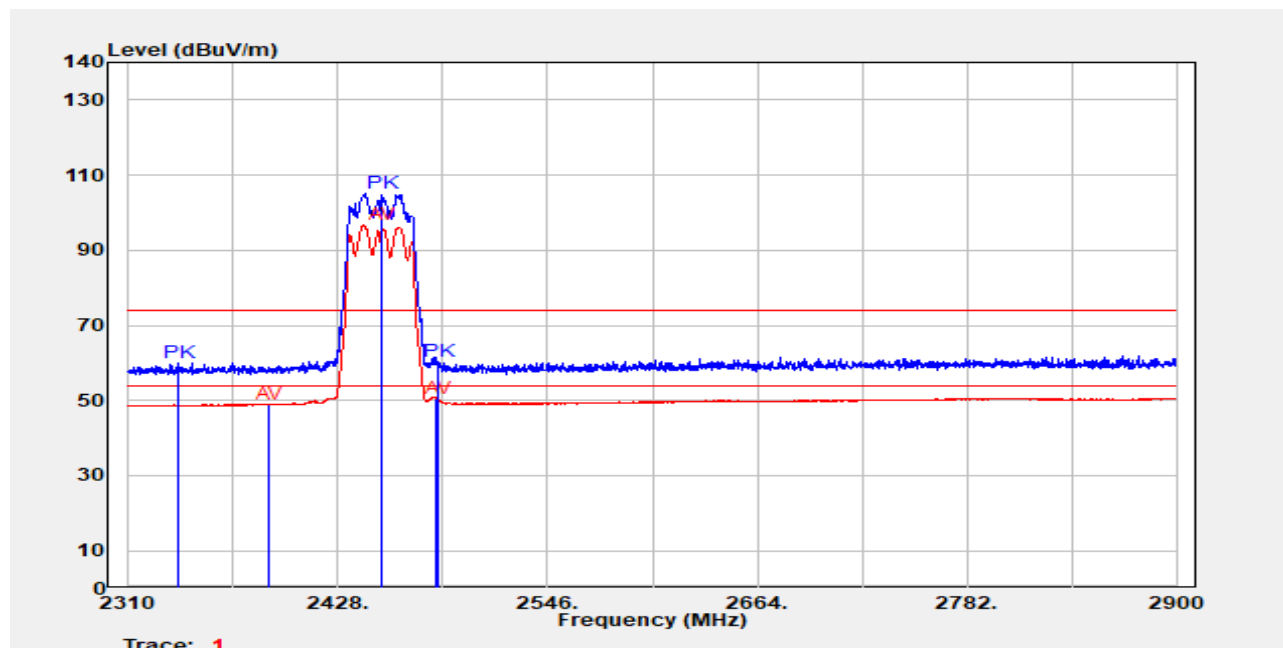
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Report Number :TERF2410003002ER  
Operation Mode :802.11n40  
Test Frequency :2452 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2024-11-08  
Temp./Humi. :24.1°C/64%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2337.54	Peak	64.73	-4.69	60.04	74.00	-13.96
2388.69	Average	53.59	-4.60	48.99	54.00	-5.01
2452.00	Peak	109.83	-4.88	104.95	-	-
2452.00	Average	101.50	-4.88	96.62	-	-
2483.50	Average	55.36	-4.87	50.49	54.00	-3.51
2484.50	Peak	65.37	-4.87	60.50	74.00	-13.50

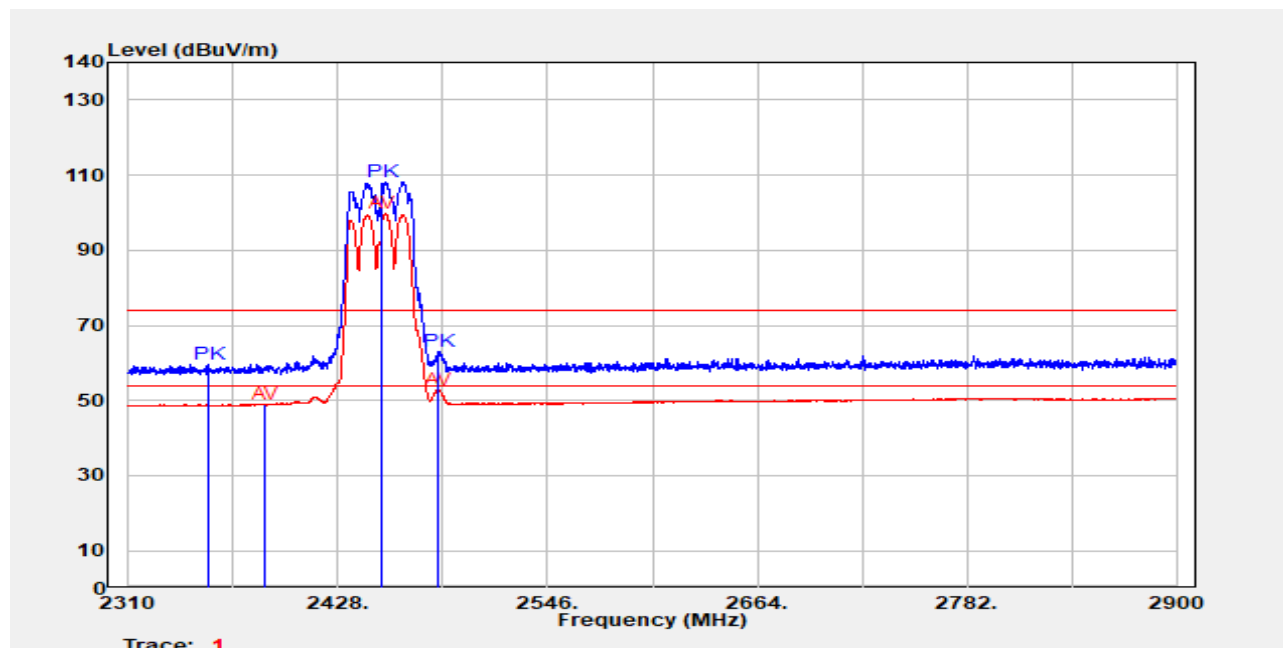
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Report Number :TERF2410003002ER  
Operation Mode :802.11n40  
Test Frequency :2452 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2024-11-08  
Temp./Humi. :24.1°C/64%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2355.05	Peak	64.26	-4.69	59.57	74.00	-14.43
2386.33	Average	53.56	-4.59	48.97	54.00	-5.03
2452.00	Peak	113.16	-4.88	108.28	-	-
2452.00	Average	104.63	-4.88	99.75	-	-
2484.11	Average	57.72	-4.87	52.85	54.00	-1.15
2484.50	Peak	68.00	-4.87	63.13	74.00	-10.87

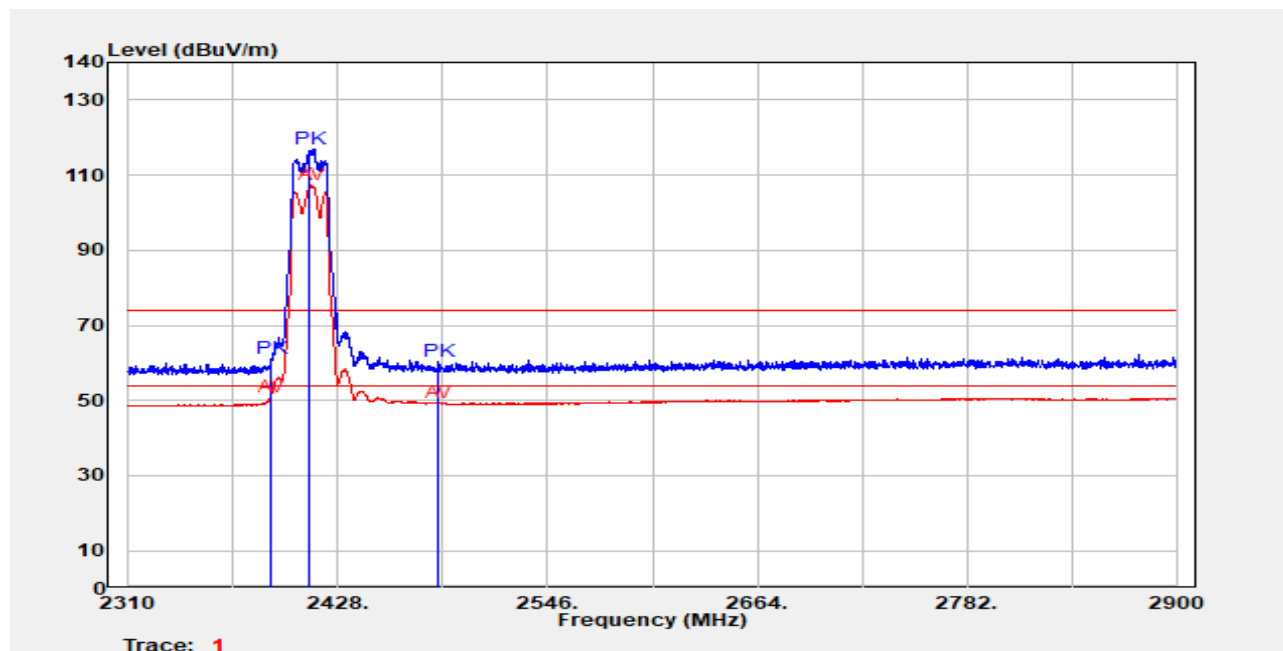
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Report Number :TERF2410003002ER  
Operation Mode :802.11ax20 RU Full  
Test Frequency :2412 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2024-11-08  
Temp./Humi. :24.1°C/64%  
Antenna Pol. :Vertical  
Engineer :Bob Chao



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	Peak	65.77	-4.60	61.17	74.00	-12.83
2389.87	Average	55.30	-4.60	50.70	54.00	-3.30
2412.00	Peak	121.50	-4.70	116.80	-	-
2412.00	Average	111.93	-4.70	107.23	-	-
2484.11	Peak	65.01	-4.87	60.14	74.00	-13.86
2484.11	Average	54.34	-4.87	49.47	54.00	-4.53

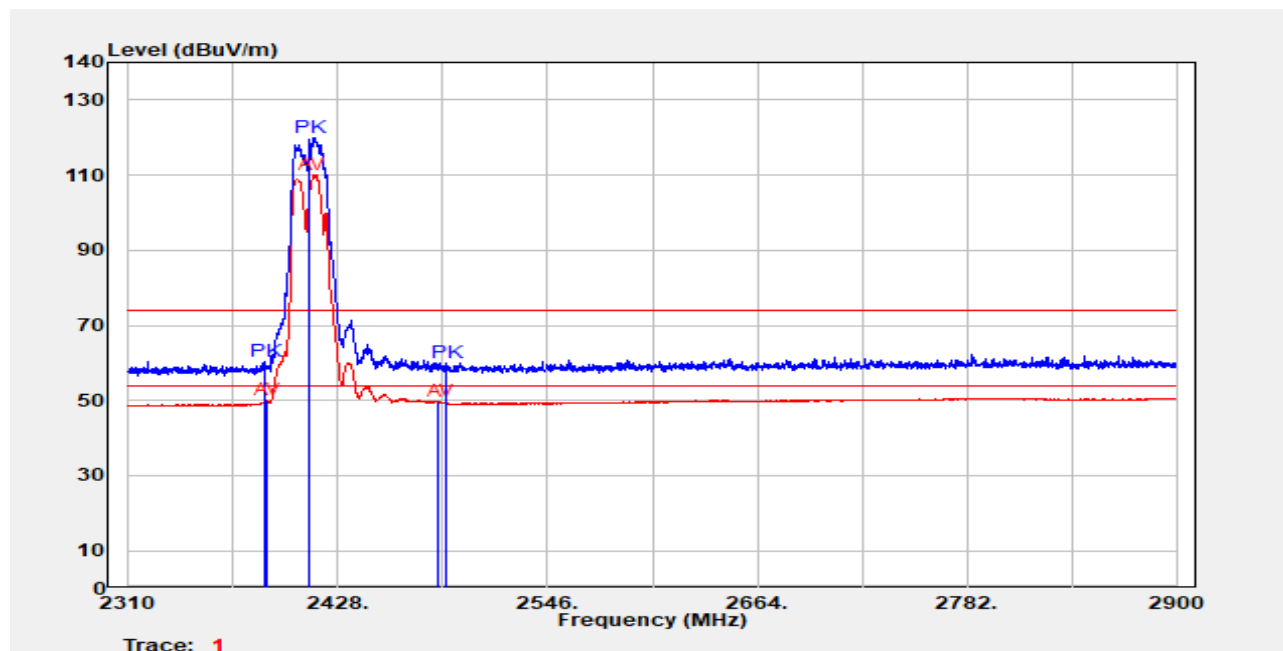
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Report Number :TERF2410003002ER  
Operation Mode :802.11ax20 RU Full  
Test Frequency :2412 MHz  
Test Mode :Bandedge  
EUT Pol :H Plane

Test Site :SAC 2  
Test Date :2024-11-08  
Temp./Humi. :24.1°C/64%  
Antenna Pol. :Horizontal  
Engineer :Bob Chao



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2386.14	Peak	64.79	-4.59	60.20	74.00	-13.80
2387.32	Average	54.50	-4.60	49.90	54.00	-4.10
2412.00	Peak	124.68	-4.70	119.98	-	-
2412.00	Average	114.82	-4.70	110.12	-	-
2484.50	Average	54.48	-4.87	49.61	54.00	-4.39
2488.44	Peak	64.91	-4.86	60.05	74.00	-13.95

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