

ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT



EUT Description: Wireless module installed in Notebook

Applicant: Realtek Semiconductor Corp.
No. 2, Innovation Road II, Hsinchu Science Park, Hsinchu 300,
Taiwan

Manufacturer: Realtek Semiconductor Corp.
No. 2, Innovation Road II, Hsinchu Science Park, Hsinchu 300,
Taiwan

Brand Name: REALTEK

Model No.: RTL8852CE

FCC Host Model: GA83H, GA83x ("x" means 20 alphanumeric, maybe 0-9, A-Z,
-, _, + or blank for marketing use only)

Report Number: TERF2507002416E2

FCC ID TX2-RTL8852CE

Date of EUT Received: N/A, the test results are fully leveraged from test report number
TERF2507002421E2, for more details please refer to section 3
in this report.

Date of Test: N/A, the test results are fully leveraged from test report number
TERF2507002421E2, for more details please refer to section 3
in this report.

Issue Date: August 22, 2025

Approved By

Aken Huang

Aken Huang

We hereby certify that:

The above equipment was tested by SGS Taiwan Ltd. Central RF Lab. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10:2020 and the energy emitted by the sample EUT comply with FCC rule part §15.247.

The results of this report relate only to the sample identified in this report.

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Revision History

Report Number	Revision	Description	Issue Date	Revised By	Remark
TERF2507002416E2	00	Original	August 22, 2025	Karen Huang	

Note:

- 1、The remark "*" indicates modification of the report upon requests from certification body.
- 2、Variant information of host model numbers is provided by the applicant, test results of this report are applicable to the sample EUT(s) received.
And are assessed as electrically identical in RF characteristics, therefore, no further assessment required for the variant(s).

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1 GENERAL INFORMATION

1.1 Product Description

EUT Description:	Wireless module installed in Notebook
Brand Name:	REALTEK
Model No.:	RTL8852CE
Host Brand Name:	GIGABYTE
FCC Host Model:	GA83H, GA83x ("x" means 20 alphanumeric, maybe 0-9, A-Z, -, _, + or blank for marketing use only)
Family FCC Host Model:	For marketing use only
Hardware Version:	N/A
Firmware Version:	6001.16.165.0
EUT Series No.:	S7986388600003
Power Supply:	15.56Vdc
Test Software (Name/Version):	Realtek Bluetooth RF Test Tool RtlBluetoothMP.dll Version:5.3.2.24 RTLBTAPP Version:5.2.3.77

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1.2 RF Specification

Mode	Frequency Range	Channels	Modulation Technology
802.11b	2412~2462	11	DSSS
802.11g	2412~2462	11	OFDM
802.11ac_VHT20	2412~2462	11	OFDM
802.11ac_VHT40	2422~2452	7	OFDM
802.11ax_HE20	2412~2462	11	OFDMA
802.11ax_HE40	2422~2452	7	OFDMA
Modulation type:		DQPSK, DBPSK for DSSS in 802.11b	
		256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDM in 802.11ac	
		1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDMA in 802.11ax	
Data Rate:		802.11b: 1/2/5.5/11 Mbps	
		802.11g: 6/9/12/18/24/36/48/54 Mbps	
		802.11ac_VHT20: up to 173.4Mbps	
		802.11ac_VHT40: up to 400Mbps	
		802.11ax_HE20: up to 286.8Mbps	
		802.11ax_HE40: up to 573.6Mbps	

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1.3 Antenna Designation

Antenna Type	Supplier	Antenna Part No.	Main / Aux	Freq.	Peak Antenna Gain (dBi)
PIFA	High-tek	0ACCN025006N (DC330032J00)	Main	2.4GHz	2.72
	High-tek	0ACCN025007N (DC330032J10)	Aux		2.87
	PULSE	TZ3051D (DC330032K00)	Main		2.39
	PULSE	TZ3051E (DC330032K10)	Aux		2.42

Note:

1. Pre-scanned was done on the above antennas, measurements were demonstrated by using the antenna with the highest gain as the worst case scenarios.
2. The antenna information is provided by the applicant, and the laboratory shall not be held liable for the accuracy, completeness, or reliability of any applicant-supplied data.

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1.4 Test Methodology of Applied Standards

FCC Part 15, Subpart C §15.247
 FCC KDB 558074 D01 15.247 Meas Guidance v05r02
 FCC KDB 662911 D01 Multiple Transmitter Output v02r01
 ANSI C63.10:2020.

1.5 Test Facility

Laboratory	Test Site Address	Test Site Name	FCC Designation Number / Registration Number	IC CAB identifier
SGS Taiwan Ltd. Central RF Lab. (TAF code 3702)	No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan.	SAC 1	TW0027 / 891563	TW3702
		SAC 2		
		SAC 3		
		Conduction 1		
		Conducted 1		
		Conducted 2		
		Conducted 3		
		Conducted 4		
		Conducted 5		
		Conducted 6		
	No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333	Conduction C	TW0028 / 200037	
		SAC C		
		SAC D		
		SAC G		
		Conducted A		
		Conducted B		
		Conducted C		
		Conducted D		
		Conducted E		
		Conducted F		
	Conducted G			
Note: Test site name is remarked on the equipment list in each section of this report as an indication where measurements occurred in specific test site and address.				

Temperature:	22.6~22.9	°C	Relative Humidity:	61~62	%
Test site	Conducted D		Test Start:	08/04/2025	
Test Engineer:	Joey You		Test Done:	08/07/2025	

1.6 Special Accessories

There are no special accessories used while test was conducted.

1.7 Equipment Modifications

There was no modification incorporated into the EUT.

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2 SYSTEM TEST CONFIGURATION

2.1 EUT Configuration

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

2.2 EUT Exercise

An engineering test mode (software/firmware) that applicant provided was utilized to manipulate the EUT into transmit, selection of the test channel, and modulation scheme.

2.3 Test Procedure

2.3.1 Conducted Test (RF)

The active antenna port of the unlicensed wireless device is connected to the spectrum analyzer with attenuator to protect the instrumentation. If a second antenna port is available, it is tested at one operating frequency, with other port(s) appropriately terminated, to verify it has similar output characteristics as the fully tested port.

2.3.2 Radiated Emissions

The EUT is placed on a turn table. For emissions testing at or below 1 GHz, the table height shall be 0.8 m above the reference ground plane. For emission measurements above 1 GHz, the table height shall be 1.5 m. The turn table shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. In order to find out the max. emission, the relative positions of this transmitter (EUT) was rotated through three orthogonal axes and 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.

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2.4 Measurement Results Explanation Example

2.4.1 Radiated Emission Test Sites For Measurements From 9 kHz To 30 MHz

Radiated emission below 30MHz is measured in a 9m*6m*6m semi-anechoic chamber, the measurements correspond to those obtained at an open-field test site.

There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

2.4.2 For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuation factor between EUT conducted port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly EUT RF output level.

2.5 Test Configuration

Conducted Setup	Radiated Setup
	

2.6 Control Unit(s)

N/A

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3 SUMMARY OF TEST RESULTS

FCC Rules	Description Of Test	Result	Note
§15.247(b) (3)	Peak Output Power	Compliant	
§15.209 §15.247(d)	Radiated Band Edge and Spurious Emission	Compliant	

Note

1. N/S Indicates whether item(s) being newly tested [N] or spot checked [S].
2. Items other than newly tested [N] are leveraged from test report TERF2507002421E2.

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4 DESCRIPTION OF TEST MODES

4.1 Operating Frequencies

2400~2483.5 MHz			
20MHz		40MHz	
CH	Freq. (MHz)	CH	Freq. (MHz)
1	2412	3	2422
2	2417	4	2427
3	2422	5	2432
4	2427	6	2437
5	2432	7	2442
6	2437	8	2447
7	2442	9	2452
8	2447		
9	2452		
10	2457		
11	2462		

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4.2 The Worst Test Modes and Channel Details

1. The EUT has been tested under operating condition.
2. Test program used to control the EUT for staying in continuous transmitting and receiving mode is programmed.
3. Investigation has been done on all the possible configurations for searching the worst case.

The given UE is pre-scanned among below modes.

Mode		Transmission Chain								Single Transmission Spatial		Multi Transmission Spatial	
V	802.11 b	V	Ch0	V	Ch1		Ch2		Ch3		1TX	V	2TX
V	802.11 g	V	Ch0	V	Ch1		Ch2		Ch3		1TX	V	2TX
	802.11 n		Ch0		Ch1		Ch2		Ch3		1TX		2TX
V	802.11 ac	V	Ch0	V	Ch1		Ch2		Ch3		1TX	V	2TX
V	802.11 ax	V	Ch0	V	Ch1		Ch2		Ch3		1TX	V	2TX
	802.11 be		Ch0		Ch1		Ch2		Ch3		1TX		2TX

4. Therefore, below summary is the modes of test configuration that yield the highest reading and generate the highest emission chosen to carry out the relevantly mandatory test items.

CONDUCTED TEST					
MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)	ANTENNA PORT
802.11b	1 to 11	1,6,11	DSSS	1	2TX
802.11g	1 to 11	1,6,11	OFDM	6	2TX
802.11ac_VHT20	1 to 11	1,6,11	OFDM	MCS0	Ch0
802.11ac_VHT40	3 to 9	3,4,5,6,7,8,9	OFDM	MCS0	Ch0

CONDUCTED TEST						
MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	RU CONFIGURATION	DATA RATE (Mbps)	ANTENNA PORT
802.11ax_HE20	1 to 11	1,6,11	OFDMA	FULL RU 26/0,26/8 52/37,52/40 106/53,106/54	MCS0	2TX
802.11ax_HE40	3 to 9	3,4,5,6,7,8,9	OFDMA	FULL RU 242/61,242/62	MCS0	2TX

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TRANSMIT RADIATED EMISSION TEST (BELOW 1 GHz)					
MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)	ANTENNA PORT
802.11g	1 to 11	6	OFDM	6	MIMO

TRANSMIT RADIATED EMISSION TEST (ABOVE 1 GHz)					
MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)	ANTENNA PORT
802.11b	1 to 11	1,6,11	CCK	1	MIMO
802.11g	1 to 11	1,11	OFDM	6	MIMO
802.11ac20	1 to 11	1,11	OFDM	MCS0	MIMO
802.11ac40	3 to 9	3,4,5,7,8,9	OFDM	MCS0	MIMO
802.11ax20	1 to 11	1,11	OFDMA	MCS0	MIMO
802.11ax40	3 to 9	3,4,5,7,8,9	OFDMA	MCS0	MIMO

Note:

The field strength of radiated emission was measured as the EUT positioned in different orthogonal planes (E1/E2/H) based on actual usage of the EUT to pre-scan the emissions for determining the worst case scenario.

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5 MEASUREMENT UNCERTAINTY

Test Items	Uncertainty
AC Power Line Conducted Emission	+/- 1.54 dB
Output Power measurement	+/- 0.97 dB
Emission Bandwidth	+/- 1.38 Hz
Conducted emission measurement	+/- 0.77 dB
Peak Power Density	+/- 0.61 dB
Temperature	+/- 0.6 °C
Humidity	+/- 3 %
DC / AC Power Source	+/- 1 %

Radiated Spurious Emission Measurement Uncertainty			
Polarization: Vertical	+/-	1.89 dB	9kHz~30MHz
	+/-	4.1 dB	30MHz - 1000MHz
	+/-	3.37 dB	1GHz - 18GHz
	+/-	3.83 dB	18GHz - 40GHz
Polarization: Horizontal	+/-	1.89 dB	9kHz~30MHz
	+/-	4.1 dB	30MHz - 1000MHz
	+/-	3.37 dB	1GHz - 18GHz
	+/-	3.83 dB	18GHz - 40GHz
Radiated Spurious Emission	+/-	2 dB	33GHz-50GHz
	+/-	1.59 dB	50GHz-60GHz
	+/-	1.71 dB	60GHz-90GHz
	+/-	1.64 dB	90GHz-140GHz
	+/-	3.84 dB	140GHz-220GHz

Note:

1. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.
2. The conformity assessment statement in this report is based solely on the test results, measurement uncertainty is excluded.

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6 MEASUREMENT EQUIPMENT USED

6.1 Conducted Measurement

Conducted Emission Test Site: Conducted C					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
Attenuator	Woken	WATT-218FS-10	RF18	11/14/2024	11/13/2025
Attenuator	Woken	WATT-218FS-10	RF19	11/14/2024	11/13/2025
DC Block	PASTERNAK	PE8210	RF35	11/14/2024	11/13/2025
Power Meter	Anritsu	ML2496A	1512003	09/04/2024	09/03/2025
Power Sensor	Anritsu	MA2411B	1339378	09/04/2024	09/03/2025
Power Sensor	Anritsu	MA2411B	1339379	09/04/2024	09/03/2025
Spectrum Analyzer	KEYSIGHT	N9010B	MY59071573	06/03/2025	06/02/2026
Test Software	SGS Taiwan	Radio Test Software	Ver.21	N.C.R	N.C.R

6.2 Radiated Measurement

Radiated Emission Test Site: SAC C					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
3m Site NSA	SGS	966 chamber C	N/A	03/02/2025	03/01/2026
Active Loop Antenna	COM-POWER	AL-130R	10160105	12/11/2024	12/10/2025
Attenuator	Woken	WATT-218FS-10	RF17	11/14/2024	11/13/2025
Broadband Antenna	SCHWARZBECK	VULB 9168	9168-300	11/06/2024	11/05/2025
Coaxial Cable	EMCI+Huber Suhner	RG 214/U+EMC104-SM-SM-6000+EMC105-SM-SM-12000+15	W13.01+150813+2310002+15	11/14/2024	11/13/2025
EMI Test Receiver	R&S	ESU 40	100363	05/06/2025	05/05/2026
Highpass Filter	R&S	F13 HPF 3GHz	RF167	11/14/2024	11/13/2025
Horn Antenna	Schwarzbeck	BBHA9120D	1187	02/05/2025	02/04/2026
Horn Antenna	Schwarzbeck	BBHA9170	184	12/20/2024	12/19/2025
Lowpass Filter	Woken	EWT-56-0019	RF163	11/14/2024	11/13/2025
Notch Filter	Micro-Tronics	BRM50701-02	RF208	11/14/2024	11/13/2025
Pre-Amplifier	EMC Instruments	EMC118A45SE	980789	11/14/2024	11/13/2025
Pre-Amplifier	EMC Instruments	EMC184045SEE	980881	11/14/2024	11/13/2025
Pre-Amplifier	EMC Instruments	EMC330	980091	11/14/2024	11/13/2025
Spectrum Analyzer	KEYSIGHT	N9010B	MY63440390	02/13/2025	02/12/2026
Test Software	audix	e3	E3 20923 SGS Ver.9 (C)	N.C.R	N.C.R

NOTE: N.C.R refers to Not Calibrated Required.

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7 PEAK OUTPUT POWER MEASUREMENT

7.1 Standard Applicable

7.1.1 Duty Cycle

Pre-analysis Check: While conducting average power measurement, duty cycle of each mode shall be checked to ensure its duty cycle in order to compensate for the loss due to insufficient ratio of duty cycle.

All duty cycle is pre-scanned, and result as obtained below shows only the most representative ones where duty cycle is conducted as the given transmission with given virtual operation that expresses the percentage.

7.1.2 FCC

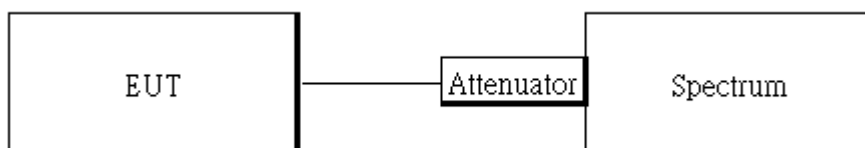
For systems using digital modulation in the 2400-2483.5 MHz bands, the limit for peak output power is 1Watt.

If the transmitting antenna of directional gain greater than 6dBi are used the peak output power from the intentional radiator shall be reduced below the above stated value by the amount in dB that the directional gain of the Antenna exceeds 6dBi.

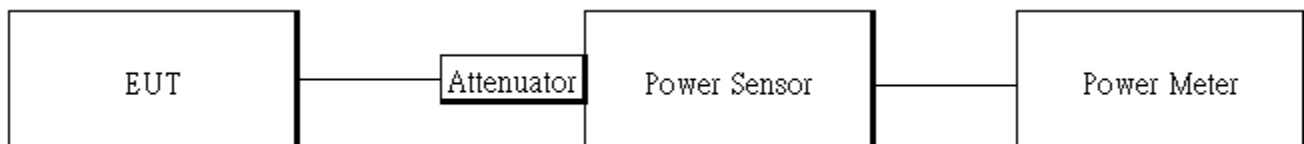
In case of point-to-point operation, the limit has to be reduced by 1dB for every 3dB that the directional gain of Antenna exceeds 6dBi.

7.2 Test Setup

7.2.1 Duty Cycle



7.2.2 Output Power:



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7.3 Measurement Procedure

7.3.1 Duty Cycle:

1. Set span = Zero
2. RBW = 8MHz
3. VBW = 8MHz,
4. Detector = Peak

7.3.2 Output Power

1. Place the EUT on the table and set it in transmitting mode.
2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the power meter.

Power Meter:

It is used as the auxiliary test equipment to conduct the output power measurement.

3. Record the max. Reading as observed from Spectrum or Power Meter.
4. The duty cycle factor is compensated to obtain the maximum value of measurement in average.
5. When testing for multiple output ports in simultaneous transmission mode, the measured values of each individual output port are tested separately and then linearly summed.
6. The directional gain is calculated using the formula
$$\text{Directional gain} = 10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{ANT}]$$
7. If the antenna gain exceeds 6 dBi, the limit is correspondingly reduced.

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7.4 Measurement Result

7.4.1 Duty Cycle:

Mode		Duty Cycle (%) = Ton / (Ton+Toff)	Duty Factor (dB) =10*log (1/Duty Cycle)	1/T (kHz)	VBW setting (kHz)
802.11b		86.67	0.62	0.12	1.00
802.11g		51.91	2.85	0.74	1.00
802.11ac_20		47.92	3.19	0.87	1.00
802.11ac_40		31.69	4.99	1.72	2.00
Mode	RU Config	Duty Cycle (%) = Ton / (Ton+Toff)	Duty Factor (dB) =10*log (1/Duty Cycle)	1/T (kHz)	VBW setting (kHz)
802.11ax_20	Full	44.20	3.55	1.01	2.00
	26 RU	79.48	1.00	0.20	1.00
	52 RU	66.49	1.77	0.40	1.00
	106 RU	48.98	3.10	0.83	1.00
802.11ax_40	Full	29.38	5.32	1.92	2.00
	242 RU	30.94	5.09	1.79	2.00

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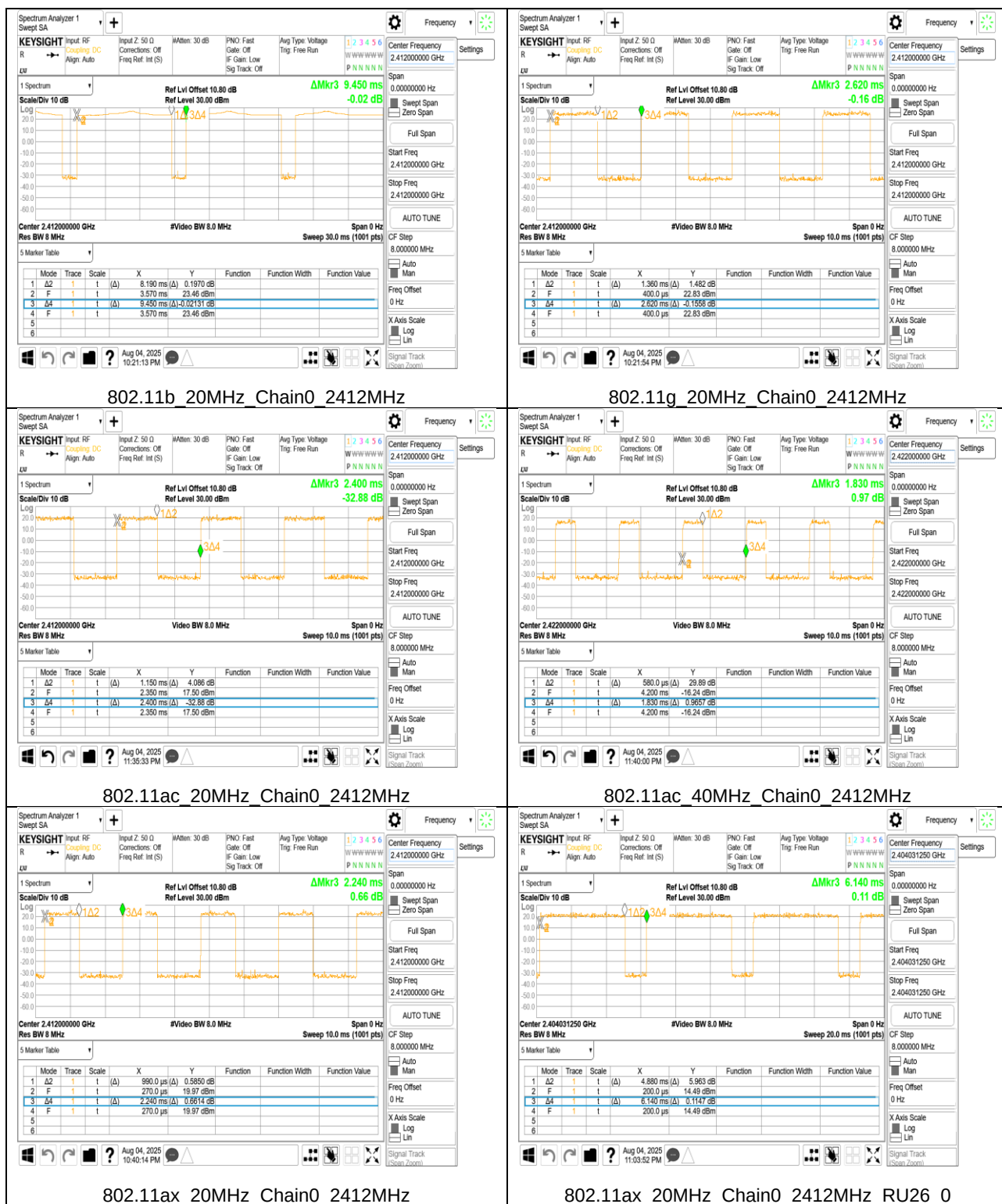
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7.4.2 Duty Cycle test plots



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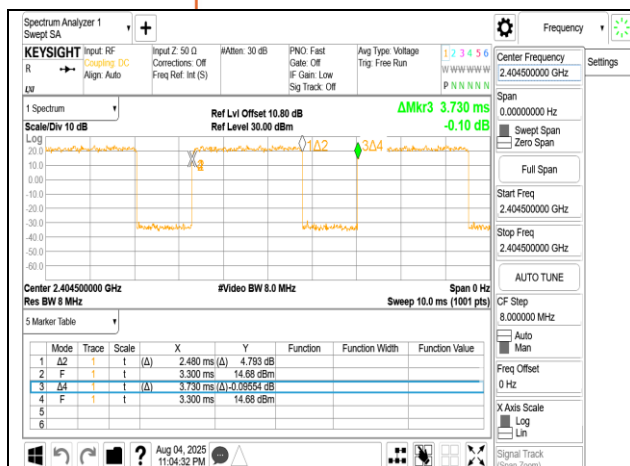
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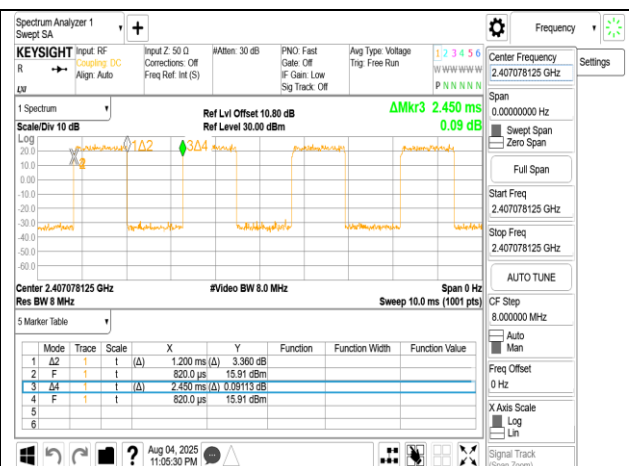
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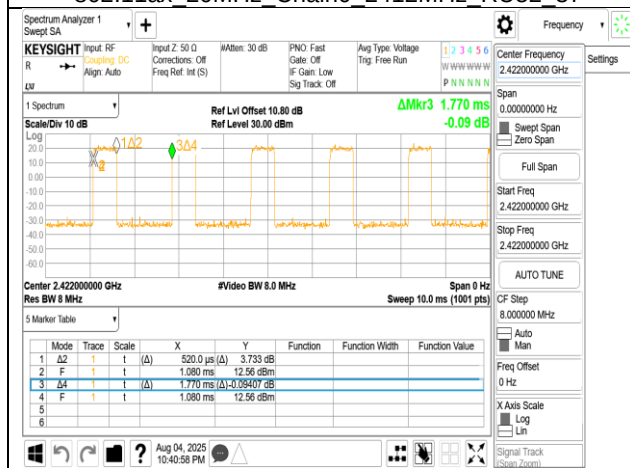
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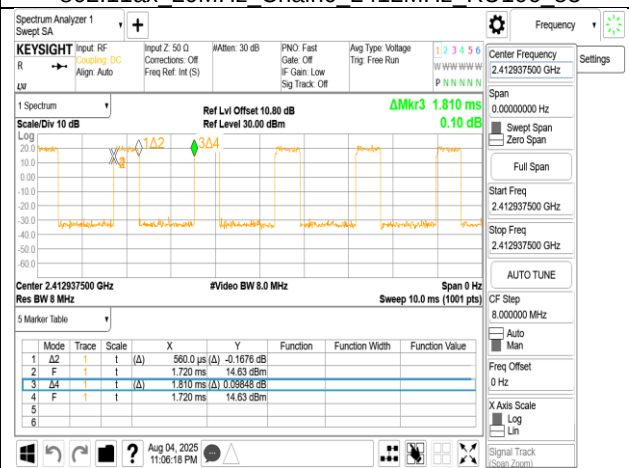
802.11ax 20MHz Chain0 2412MHz RU52 37



802.11ax 20MHz Chain0 2412MHz RU106 53



802.11ax 40MHz Chain0 2422MHz



802.11ax 40MHz Chain0 2422MHz RU242 61

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7.4.3 Output Power

802.11b Ch0							
CH	Freq. (MHz)	Data Rate	Power Setting	Peak Output Power (mW)	Peak Output Power (dBm)	Limit (dBm)	RESULT
1	2412	1	12	92.26	19.65	30.00	PASS
6	2437	1	12	86.70	19.38	30.00	PASS
11	2462	1	12	97.50	19.89	30.00	PASS
802.11b Ch0							
CH	Freq. (MHz)	Data Rate	Power Setting	Avg. Output Power (mW)	Avg. Output Power (dBm)	Limit (dBm)	RESULT
1	2412	1	12	44.07	16.44	30.00	PASS
6	2437	1	12	43.07	16.34	30.00	PASS
11	2462	1	12	43.77	16.41	30.00	PASS
802.11b Ch1							
CH	Freq. (MHz)	Data Rate	Power Setting	Peak Output Power (mW)	Peak Output Power (dBm)	Limit (dBm)	RESULT
1	2412	1	12.5	75.16	18.76	30.00	PASS
6	2437	1	12.5	75.51	18.78	30.00	PASS
11	2462	1	12.5	74.30	18.71	30.00	PASS
802.11b Ch1							
CH	Freq. (MHz)	Data Rate	Power Setting	Avg. Output Power (mW)	Avg. Output Power (dBm)	Limit (dBm)	RESULT
1	2412	1	12.5	41.13	16.14	30.00	PASS
6	2437	1	12.5	42.28	16.26	30.00	PASS
11	2462	1	12.5	42.57	16.29	30.00	PASS

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802.11b_2TX									
CH	Freq. (MHz)	Data Rate	Power Setting	Peak Output Power (dBm)		Total Peak Output Power (mW)	Total Peak Output Power (dBm)	Limit (dBm)	RESULT
				Ch0	Ch1				
1	2412	1	12.5	19.56	17.84	151.18	21.79	30.00	PASS
6	2437	1	12.5	19.45	18.01	151.35	21.80	30.00	PASS
11	2462	1	12.5	19.51	17.79	149.45	21.74	30.00	PASS
802.11b_2TX									
CH	Freq. (MHz)	Data Rate	Power Setting	Avg. Output Power (dBm)		Total Avg. Output Power (mW)	Total Avg. Output Power (dBm)	Limit (dBm)	RESULT
				Ch0	Ch1				
1	2412	1	12.5	17.11	15.47	86.67	19.38	30.00	PASS
6	2437	1	12.5	16.97	15.71	87.04	19.40	30.00	PASS
11	2462	1	12.5	17.07	15.42	85.79	19.33	30.00	PASS

802.11g Ch0							
CH	Freq. (MHz)	Data Rate	Power Setting	Peak Output Power (mW)	Peak Output Power (dBm)	Limit (dBm)	RESULT
1	2412	6	12	364.75	25.62	30.00	PASS
6	2437	6	12	327.34	25.15	30.00	PASS
11	2462	6	11.5	358.92	25.55	30.00	PASS
802.11g Ch0							
CH	Freq. (MHz)	Data Rate	Power Setting	Avg. Output Power (mW)	Avg. Output Power (dBm)	Limit (dBm)	RESULT
1	2412	6	12	43.53	16.39	30.00	PASS
6	2437	6	12	42.73	16.31	30.00	PASS
11	2462	6	11.5	43.13	16.35	30.00	PASS

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802.11g Ch1							
CH	Freq. (MHz)	Data Rate	Power Setting	Peak Output Power (mW)	Peak Output Power (dBm)	Limit (dBm)	RESULT
1	2412	6	13	375.84	25.75	30.00	PASS
6	2437	6	13	334.20	25.24	30.00	PASS
11	2462	6	11.5	358.92	25.55	30.00	PASS
802.11g Ch1							
CH	Freq. (MHz)	Data Rate	Power Setting	Avg. Output Power (mW)	Avg. Output Power (dBm)	Limit (dBm)	RESULT
1	2412	6	13	42.34	16.27	30.00	PASS
6	2437	6	13	41.76	16.21	30.00	PASS
11	2462	6	11.5	42.05	16.24	30.00	PASS

802.11g_2TX									
CH	Freq. (MHz)	Data Rate	Power Setting	Peak Output Power (dBm)		Total Peak Output Power (mW)	Total Peak Output Power (dBm)	Limit (dBm)	RESULT
				Ch0	Ch1				
1	2412	6	12.5	26.66	24.84	768.24	28.85	30.00	PASS
6	2437	6	13	26.81	24.66	772.15	28.88	30.00	PASS
11	2462	6	12.5	26.70	24.93	778.91	28.91	30.00	PASS
802.11g_2TX									
CH	Freq. (MHz)	Data Rate	Power Setting	Avg. Output Power (dBm)		Total Avg. Output Power (mW)	Total Avg. Output Power (dBm)	Limit (dBm)	RESULT
				Ch0	Ch1				
1	2412	6	12.5	17.12	15.29	85.28	19.31	30.00	PASS
6	2437	6	13	17.35	15.15	87.01	19.40	30.00	PASS
11	2462	6	12.5	17.18	15.34	86.39	19.36	30.00	PASS

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802.11ac_VHT_20M Ch0

CH	Freq. (MHz)	Data Rate	Power Setting	Peak Output Power (mW)	Peak Output Power (dBm)	Limit (dBm)	RESULT
1	2412	MCS0	12	351.56	25.46	30.00	PASS
6	2437	MCS0	12	373.25	25.72	30.00	PASS
11	2462	MCS0	11.5	319.89	25.05	30.00	PASS

802.11ac_VHT_20M Ch0

CH	Freq. (MHz)	Data Rate	Power Setting	Avg. Output Power (mW)	Avg. Output Power (dBm)	Limit (dBm)	RESULT
1	2412	MCS0	12	42.31	16.26	30.00	PASS
6	2437	MCS0	12	42.71	16.30	30.00	PASS
11	2462	MCS0	11.5	42.80	16.31	30.00	PASS

802.11ac_VHT_20M Ch1

CH	Freq. (MHz)	Data Rate	Power Setting	Peak Output Power (mW)	Peak Output Power (dBm)	Limit (dBm)	RESULT
1	2412	MCS0	12.5	392.64	25.94	30.00	PASS
6	2437	MCS0	12.5	379.31	25.79	30.00	PASS
11	2462	MCS0	12.5	407.38	26.10	30.00	PASS

802.11ac_VHT_20M Ch1

CH	Freq. (MHz)	Data Rate	Power Setting	Avg. Output Power (mW)	Avg. Output Power (dBm)	Limit (dBm)	RESULT
1	2412	MCS0	12.5	42.02	16.23	30.00	PASS
6	2437	MCS0	12.5	40.32	16.05	30.00	PASS
11	2462	MCS0	12.5	42.61	16.29	30.00	PASS

802.11ac_VHT20M_2TX

CH	Freq. (MHz)	Data Rate	Power Setting	Peak Output Power (dBm)		Total Peak Output Power (mW)	Total Peak Output Power (dBm)	Limit (dBm)	RESULT
				Ch0	Ch1				
1	2412	MCS0	12.25	26.61	24.65	749.88	28.75	30.00	PASS
6	2437	MCS0	12.75	26.47	24.52	726.75	28.61	30.00	PASS
11	2462	MCS0	12.25	26.66	24.69	757.89	28.80	30.00	PASS

802.11ac_VHT20M_2TX

CH	Freq. (MHz)	Data Rate	Power Setting	Avg. Output Power (dBm)		Total Avg. Output Power (mW)	Total Avg. Output Power (dBm)	Limit (dBm)	RESULT
				Ch0	Ch1				
1	2412	MCS0	12.25	17.15	15.26	85.55	19.32	30.00	PASS
6	2437	MCS0	12.75	17.12	15.20	84.73	19.28	30.00	PASS
11	2462	MCS0	12.25	17.19	15.32	86.50	19.37	30.00	PASS

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802.11ac_VHT_40M Ch0

CH	Freq. (MHz)	Data Rate	Power Setting	Peak Output Power (mW)	Peak Output Power (dBm)	Limit (dBm)	RESULT
3	2422	MCS0	10.25	275.42	24.40	30.00	PASS
4	2427	MCS0	11	393.55	25.95	30.00	PASS
5	2432	MCS0	12	452.90	26.56	30.00	PASS
6	2437	MCS0	12	473.15	26.75	30.00	PASS
7	2442	MCS0	12	461.32	26.64	30.00	PASS
8	2447	MCS0	11.5	412.10	26.15	30.00	PASS
9	2452	MCS0	11	308.32	24.89	30.00	PASS

802.11ac_VHT_40M Ch0

CH	Freq. (MHz)	Data Rate	Power Setting	Avg. Output Power (mW)	Avg. Output Power (dBm)	Limit (dBm)	RESULT
3	2422	MCS0	10.25	31.77	15.02	30.00	PASS
4	2427	MCS0	11	35.90	15.55	30.00	PASS
5	2432	MCS0	12	43.06	16.34	30.00	PASS
6	2437	MCS0	12	42.76	16.31	30.00	PASS
7	2442	MCS0	12	42.37	16.27	30.00	PASS
8	2447	MCS0	11.5	37.16	15.70	30.00	PASS
9	2452	MCS0	11	37.25	15.71	30.00	PASS

802.11ac_VHT_40M Ch1

CH	Freq. (MHz)	Data Rate	Power Setting	Peak Output Power (mW)	Peak Output Power (dBm)	Limit (dBm)	RESULT
3	2422	MCS0	11	318.42	25.03	30.00	PASS
4	2427	MCS0	11.5	346.74	25.40	30.00	PASS
5	2432	MCS0	12.5	451.86	26.55	30.00	PASS
6	2437	MCS0	12.5	458.14	26.61	30.00	PASS
7	2442	MCS0	12.5	444.63	26.48	30.00	PASS
8	2447	MCS0	12	403.65	26.06	30.00	PASS
9	2452	MCS0	11	353.18	25.48	30.00	PASS

802.11ac_VHT_40M Ch1

CH	Freq. (MHz)	Data Rate	Power Setting	Avg. Output Power (mW)	Avg. Output Power (dBm)	Limit (dBm)	RESULT
3	2422	MCS0	11	31.63	15.00	30.00	PASS
4	2427	MCS0	11.5	34.36	15.36	30.00	PASS
5	2432	MCS0	12.5	41.79	16.21	30.00	PASS
6	2437	MCS0	12.5	41.98	16.23	30.00	PASS
7	2442	MCS0	12.5	41.60	16.19	30.00	PASS
8	2447	MCS0	12	36.65	15.64	30.00	PASS
9	2452	MCS0	11	36.82	15.66	30.00	PASS

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802.11ac_VHT40M_2TX

CH	Freq. (MHz)	Data Rate	Power Setting	Peak Output Power (dBm)		Total Peak Output Power (mW)	Total Peak Output Power (dBm)	Limit (dBm)	RESULT
				Ch0	Ch1				
3	2422	MCS0	10.25	24.47	23.95	528.21	27.23	30.00	PASS
4	2427	MCS0	11	25.48	24.80	655.18	28.16	30.00	PASS
5	2432	MCS0	12	26.33	25.36	773.09	28.88	30.00	PASS
6	2437	MCS0	12.5	27.42	25.69	922.76	29.65	30.00	PASS
7	2442	MCS0	12.5	26.54	25.77	828.39	29.18	30.00	PASS
8	2447	MCS0	11.5	25.89	25.21	720.04	28.57	30.00	PASS
9	2452	MCS0	11	24.88	24.37	581.14	27.64	30.00	PASS

802.11ac_VHT40M_2TX

CH	Freq. (MHz)	Data Rate	Power Setting	Avg. Output Power (dBm)		Total Avg. Output Power (mW)	Total Avg. Output Power (dBm)	Limit (dBm)	RESULT
				Ch0	Ch1				
3	2422	MCS0	10.25	14.57	14.40	56.19	17.50	30.00	PASS
4	2427	MCS0	11	15.44	14.38	62.42	17.95	30.00	PASS
5	2432	MCS0	12	16.30	15.01	74.37	18.71	30.00	PASS
6	2437	MCS0	12.5	17.11	15.00	83.04	19.19	30.00	PASS
7	2442	MCS0	12.5	16.39	16.04	83.75	19.23	30.00	PASS
8	2447	MCS0	11.5	15.42	14.83	65.25	18.15	30.00	PASS
9	2452	MCS0	11	14.96	14.91	62.32	17.95	30.00	PASS

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802.11ax_HE_20M Ch0								
CH	Freq. (MHz)	Data Rate	RU Config	Power Setting	Peak Output Power (mW)	Peak Output Power (dBm)	Limit (dBm)	RESULT
1	2412	MCS0	full	11.25	337.29	25.28	30.00	PASS
			26/0	12	352.37	25.47	30.00	PASS
			52/37	11.75	330.37	25.19	30.00	PASS
			106/53	11.25	331.13	25.20	30.00	PASS
6	2437	MCS0	full	12	323.59	25.10	30.00	PASS
11	2462	MCS0	full	11.25	343.56	25.36	30.00	PASS
			26/8	8.5	162.55	22.11	30.00	PASS
			52/40	10.5	255.86	24.08	30.00	PASS
			106/54	11.25	377.57	25.77	30.00	PASS
802.11ax_HE_20M Ch0								
CH	Freq. (MHz)	Data Rate	RU Config	Power Setting	Avg. Output Power (mW)	Avg. Output Power (dBm)	Limit (dBm)	RESULT
1	2412	MCS0	full	11.25	42.91	16.33	30.00	PASS
			26/0	12	41.95	16.23	30.00	PASS
			52/37	11.75	42.19	16.25	30.00	PASS
			106/53	11.25	42.46	16.28	30.00	PASS
6	2437	MCS0	full	12	42.32	16.27	30.00	PASS
11	2462	MCS0	full	11.25	43.71	16.41	30.00	PASS
			26/8	8.5	19.49	12.90	30.00	PASS
			52/40	10.5	32.83	15.16	30.00	PASS
			106/54	11.25	42.27	16.26	30.00	PASS

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802.11ax_HE_20M Ch1								
CH	Freq. (MHz)	Data Rate	RU Config	Power Setting	Peak Output Power (mW)	Peak Output Power (dBm)	Limit (dBm)	RESULT
1	2412	MCS0	full	12.75	376.70	25.76	30.00	PASS
			26/0	13	357.27	25.53	30.00	PASS
			52/37	12.75	319.15	25.04	30.00	PASS
			106/53	12.25	332.66	25.22	30.00	PASS
6	2437	MCS0	full	13.5	374.97	25.74	30.00	PASS
11	2462	MCS0	full	12.5	368.98	25.67	30.00	PASS
			26/8	9.75	195.88	22.92	30.00	PASS
			52/40	11.5	279.25	24.46	30.00	PASS
			106/54	12.25	422.67	26.26	30.00	PASS
802.11ax_HE_20M Ch1								
CH	Freq. (MHz)	Data Rate	RU Config	Power Setting	Avg. Output Power (mW)	Avg. Output Power (dBm)	Limit (dBm)	RESULT
1	2412	MCS0	full	12.75	43.91	16.43	30.00	PASS
			26/0	13	41.57	16.19	30.00	PASS
			52/37	12.75	42.58	16.29	30.00	PASS
			106/53	12.25	41.97	16.23	30.00	PASS
6	2437	MCS0	full	13.5	41.84	16.22	30.00	PASS
11	2462	MCS0	full	12.5	43.61	16.40	30.00	PASS
			26/8	9.75	19.26	12.85	30.00	PASS
			52/40	11.5	33.21	15.21	30.00	PASS
			106/54	12.25	41.69	16.20	30.00	PASS

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802.11ax_HE20M_2TX

CH	Freq. (MHz)	Data Rate	RU Config	Power Setting	Peak Output Power (dBm)		Total Peak Output Power (mW)	Total Peak Output Power (dBm)	Limit (dBm)	RESULT
					Ch0	Ch1				
1	2412	MCS0	full	12.25	26.58	24.73	752.15	28.76	30.00	PASS
			26/0	12.75	24.97	23.98	564.09	27.51	30.00	PASS
			52/37	12.5	25.51	23.98	605.67	27.82	30.00	PASS
			106/53	12.5	26.44	24.42	717.25	28.56	30.00	PASS
6	2437	MCS0	full	12.75	26.58	24.45	733.60	28.65	30.00	PASS
11	2462	MCS0	full	12.25	26.29	25.04	744.75	28.72	30.00	PASS
			26/8	8.75	21.91	21.40	293.28	24.67	30.00	PASS
			52/40	10	23.13	22.09	367.40	25.65	30.00	PASS
			106/54	12.5	27.08	25.91	900.45	29.54	30.00	PASS

802.11ax_HE20M_2TX

CH	Freq. (MHz)	Data Rate	RU Config	Power Setting	Avg. Output Power (dBm)		Total Avg. Output Power (mW)	Total Avg. Output Power (dBm)	Limit (dBm)	RESULT
					Ch0	Ch1				
1	2412	MCS0	full	12.25	17.17	15.41	86.79	19.38	30.00	PASS
			26/0	12.75	16.47	15.04	76.23	18.82	30.00	PASS
			52/37	12.5	16.72	15.31	81.00	19.08	30.00	PASS
			106/53	12.5	17.16	15.18	84.96	19.29	30.00	PASS
6	2437	MCS0	full	12.75	17.29	15.20	86.61	19.38	30.00	PASS
11	2462	MCS0	full	12.25	17.07	15.68	87.83	19.44	30.00	PASS
			26/8	8.75	12.82	11.39	32.90	15.17	30.00	PASS
			52/40	10	14.34	13.10	47.61	16.78	30.00	PASS
			106/54	12.5	17.00	15.59	86.34	19.36	30.00	PASS

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802.11ax_HE_40M Ch0								
CH	Freq. (MHz)	Data Rate	RU Config	Power Setting	Peak Output Power (mW)	Peak Output Power (dBm)	Limit (dBm)	RESULT
3	2422	MCS0	full	10.25	266.07	24.25	30.00	PASS
4	2427	MCS0	full	11.75	362.24	25.59	30.00	PASS
5	2432	MCS0	full	11	314.77	24.98	30.00	PASS
6	2437	MCS0	full	12	280.54	24.48	30.00	PASS
7	2442	MCS0	full	12	363.92	25.61	30.00	PASS
8	2447	MCS0	full	11.25	321.37	25.07	30.00	PASS
9	2452	MCS0	full	11	293.09	24.67	30.00	PASS
802.11ax_HE_40M Ch0								
CH	Freq. (MHz)	Data Rate	RU Config	Power Setting	Avg. Output Power (mW)	Avg. Output Power (dBm)	Limit (dBm)	RESULT
3	2422	MCS0	full	10.25	33.34	15.23	30.00	PASS
4	2427	MCS0	full	11.75	42.36	16.27	30.00	PASS
5	2432	MCS0	full	11	35.07	15.45	30.00	PASS
6	2437	MCS0	full	12	43.05	16.34	30.00	PASS
7	2442	MCS0	full	12	41.59	16.19	30.00	PASS
8	2447	MCS0	full	11.25	35.15	15.46	30.00	PASS
9	2452	MCS0	full	11	38.72	15.88	30.00	PASS

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802.11ax_HE_40M Ch1								
CH	Freq. (MHz)	Data Rate	RU Config	Power Setting	Peak Output Power (mW)	Peak Output Power (dBm)	Limit (dBm)	RESULT
3	2422	MCS0	full	11.5	279.90	24.47	30.00	PASS
4	2427	MCS0	full	12.75	354.00	25.49	30.00	PASS
5	2432	MCS0	full	12	307.61	24.88	30.00	PASS
6	2437	MCS0	full	13	365.59	25.63	30.00	PASS
7	2442	MCS0	full	13	276.06	24.41	30.00	PASS
8	2447	MCS0	full	12.25	314.05	24.97	30.00	PASS
9	2452	MCS0	full	11.5	310.46	24.92	30.00	PASS
802.11ax_HE_40M Ch1								
CH	Freq. (MHz)	Data Rate	RU Config	Power Setting	Avg. Output Power (mW)	Avg. Output Power (dBm)	Limit (dBm)	RESULT
3	2422	MCS0	full	11.5	32.81	15.16	30.00	PASS
4	2427	MCS0	full	12.75	41.68	16.20	30.00	PASS
5	2432	MCS0	full	12	34.12	15.33	30.00	PASS
6	2437	MCS0	full	13	42.46	16.28	30.00	PASS
7	2442	MCS0	full	13	41.97	16.23	30.00	PASS
8	2447	MCS0	full	12.25	34.19	15.34	30.00	PASS
9	2452	MCS0	full	11.5	37.84	15.78	30.00	PASS

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802.11ax_HE40M_2TX

CH	Freq. (MHz)	Data Rate	RU Config	Power Setting	Peak Output Power (dBm)		Total Peak Output Power (mW)	Total Peak Output Power (dBm)	Limit (dBm)	RESULT
					Ch0	Ch1				
3	2422	MCS0	full	10.25	23.82	23.23	451.37	26.55	30.00	PASS
4	2427	MCS0	full	11.75	25.40	24.58	633.81	28.02	30.00	PASS
5	2432	MCS0	full	11	24.86	23.98	556.23	27.45	30.00	PASS
6	2437	MCS0	full	12.5	26.71	24.63	759.22	28.80	30.00	PASS
7	2442	MCS0	full	12.5	25.75	25.26	711.58	28.52	30.00	PASS
8	2447	MCS0	full	11.75	25.30	24.74	636.70	28.04	30.00	PASS
9	2452	MCS0	full	11	24.41	24.03	528.99	27.23	30.00	PASS

802.11ax_HE40M_2TX

CH	Freq. (MHz)	Data Rate	RU Config	Power Setting	Avg. Output Power (dBm)		Total Avg. Output Power (mW)	Total Avg. Output Power (dBm)	Limit (dBm)	RESULT
					Ch0	Ch1				
3	2422	MCS0	full	10.25	14.90	13.80	54.88	17.39	30.00	PASS
4	2427	MCS0	full	11.75	15.92	15.09	71.36	18.53	30.00	PASS
5	2432	MCS0	full	11	15.27	14.51	61.89	17.92	30.00	PASS
6	2437	MCS0	full	12.5	17.27	14.84	83.80	19.23	30.00	PASS
7	2442	MCS0	full	12.5	16.37	16.17	84.74	19.28	30.00	PASS
8	2447	MCS0	full	11.75	15.78	15.32	71.88	18.57	30.00	PASS
9	2452	MCS0	full	11	15.48	14.67	64.62	18.10	30.00	PASS

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8 RADIATED BANDEDGE AND SPURIOUS EMISSION MEASUREMENT

8.1 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 limit as below.

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

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

Note:

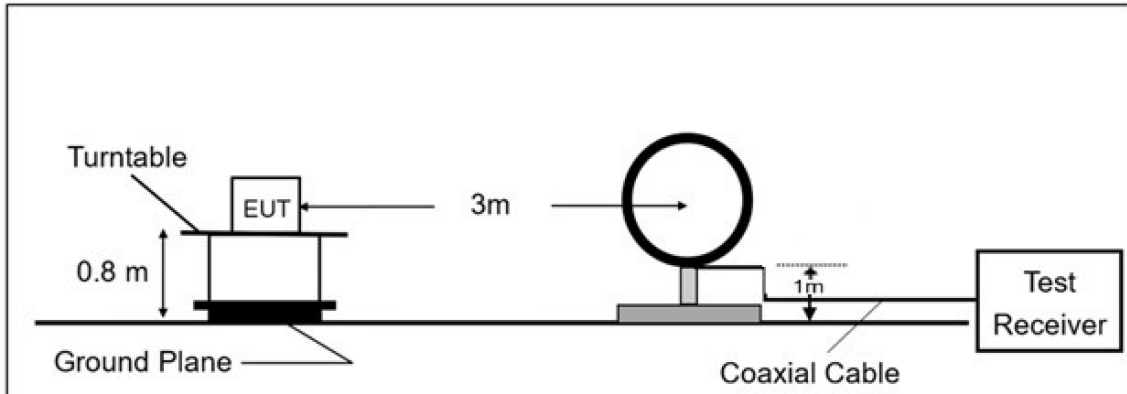
1. The lower limit shall apply at the transition frequencies.

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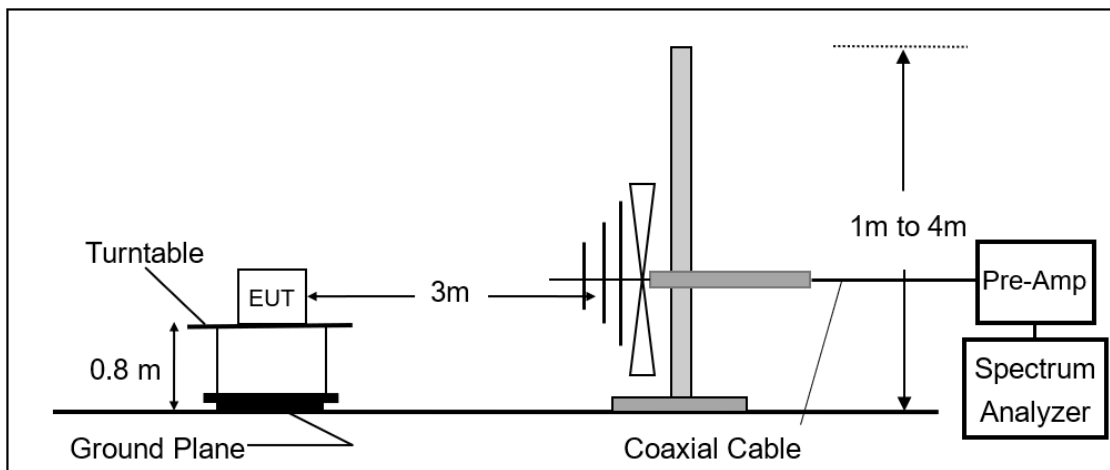
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8.2 Test Setup

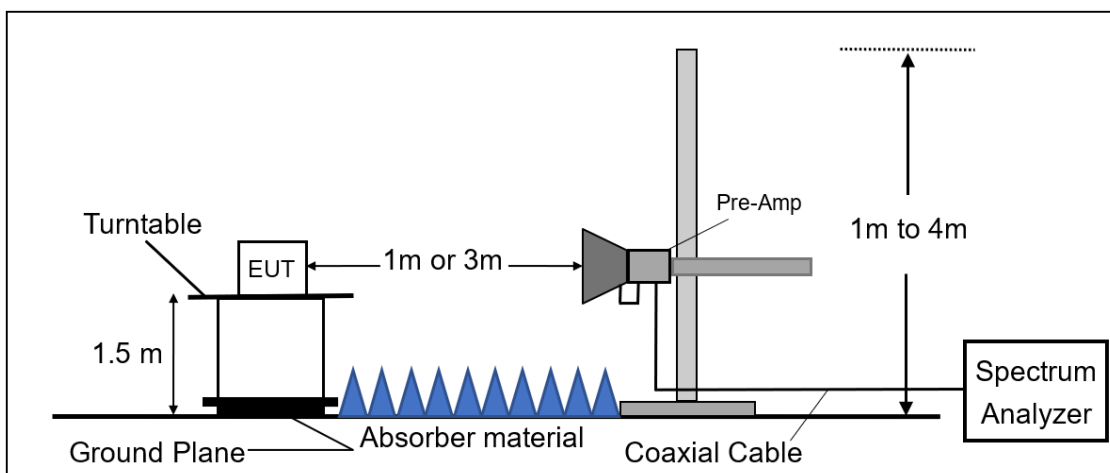
(A) Radiated Emission Test Set-Up, Frequency Below 30MHz.



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



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



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8.3 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, Detector= Peak for Maximum Emission Measurements at frequency above 1 GHz.
8. Set the spectrum analyzer as RBW=1 MHz, VBW=3 MHz, Detector= RMS correction factor is $[10 \log (1 / D)]$ for Average Emission measurements at frequency above 1 GHz when $D \geq 98\%$. If a specific emission is demonstrated to be continuous ($D \geq 98\%$) rather than turning ON and OFF with the transmit cycle, then no duty cycle correction is required for that emission, where D is the duty cycle.
9. Set the spectrum analyzer as RBW=1 MHz, VBW $\geq 1/T$ when $D < 98\%$ for Average Emission Measurements at frequency above 1 GHz.
10. 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.
11. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
12. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
13. Repeat above procedures until all default test channel measured were complete.

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8.4 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(dB/m) + Cable Loss(dB) – Pre_Amplifier Gain(dB)

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

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

8.6 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

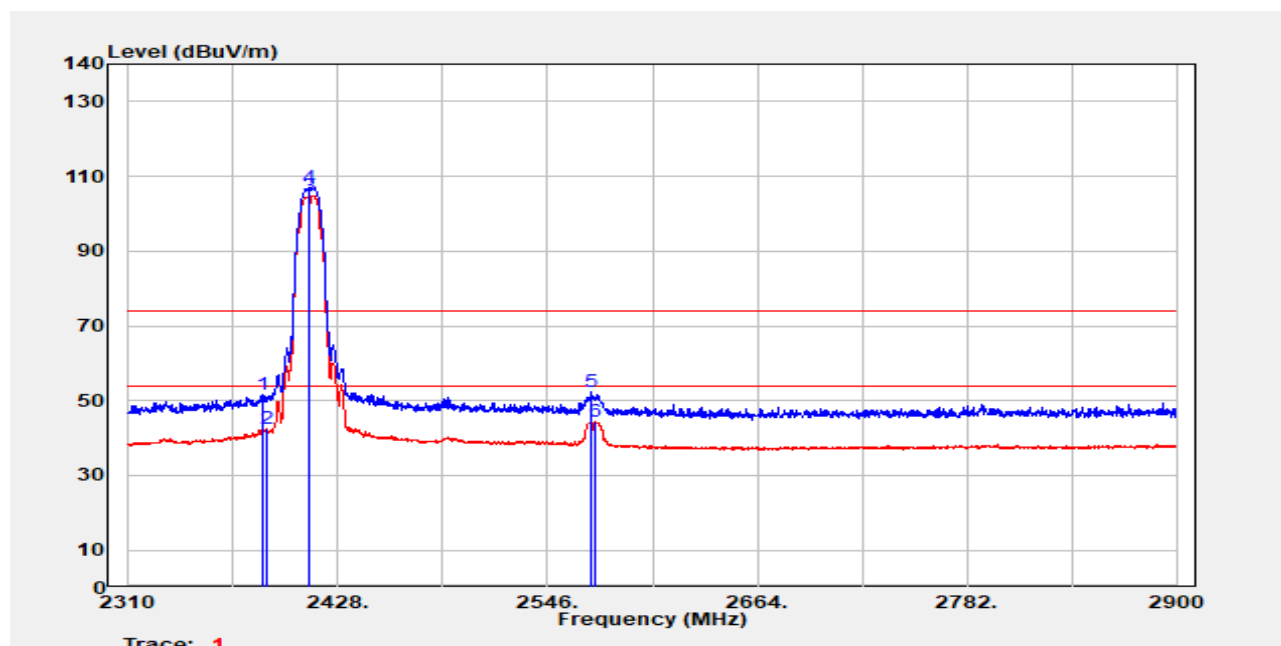
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8.6.1 Radiated Band Edge Measurement Result

Report Number :TERF2507002421E2
 Operation Mode :802.11b
 Test Frequency :2412 MHz
 Test Mode :Bandedge
 EUT Pol :NB Mode

Test Site :SAC C
 Test Date :2025-08-04
 Temp./Humi. :23.2°C/54%
 Antenna Pol. :Vertical
 Engineer :Alex Li



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2385.55	Peak	55.50	-3.92	51.58	74.00	-22.42
2387.91	Average	46.41	-3.93	42.48	54.00	-11.52
2412.00	Average	108.86	-4.02	104.84	-	-
2412.00	Peak	111.12	-4.02	107.10	-	-
2570.28	Peak	56.25	-3.90	52.35	74.00	-21.65
2572.83	Average	48.19	-3.90	44.29	54.00	-9.71

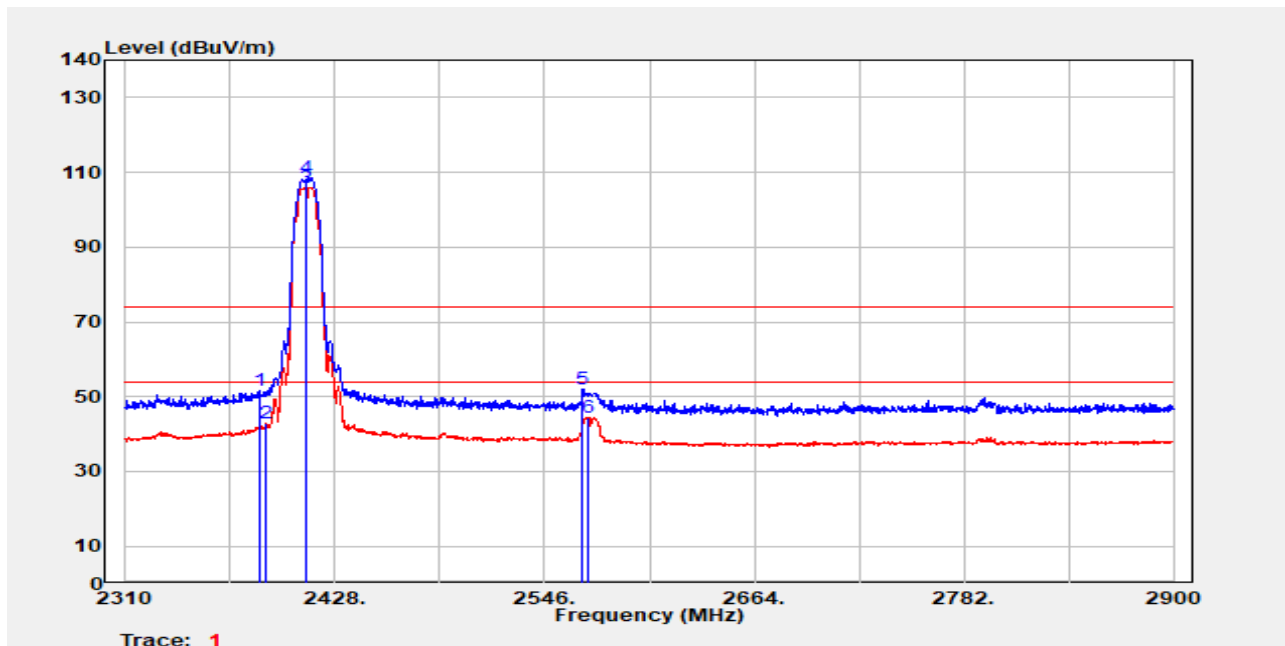
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Report Number :TERF2507002421E2
 Operation Mode :802.11b
 Test Frequency :2412 MHz
 Test Mode :Bandedge
 EUT Pol :NB Mode

Test Site :SAC C
 Test Date :2025-08-04
 Temp./Humi. :23.2°C/54%
 Antenna Pol. :Horizontal
 Engineer :Alex Li



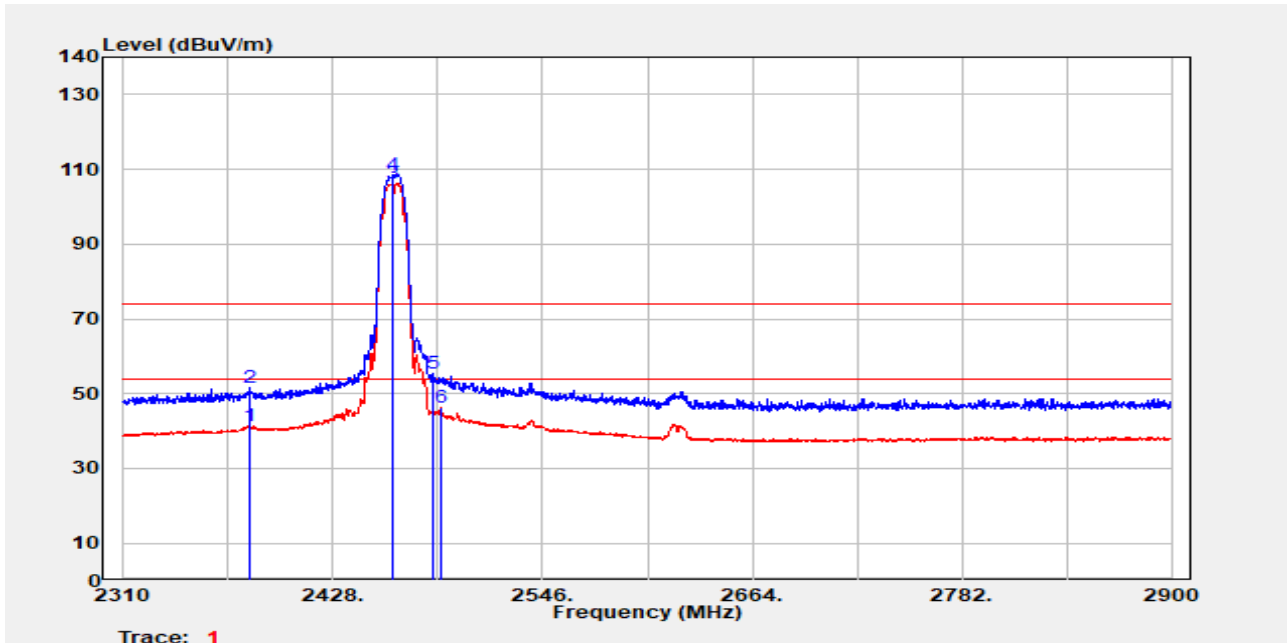
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2385.35	Peak	55.48	-3.92	51.56	74.00	-22.44
2389.09	Average	46.80	-3.93	42.87	54.00	-11.13
2412.00	Average	109.92	-4.02	105.90	-	-
2412.00	Peak	112.40	-4.02	108.38	-	-
2567.52	Peak	55.89	-3.90	51.99	74.00	-22.01
2570.28	Average	48.46	-3.90	44.56	54.00	-9.44

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Report Number :TERF2507002421E2
 Operation Mode :802.11b
 Test Frequency :2462 MHz
 Test Mode :Bandedge
 EUT Pol :NB Mode

Test Site :SAC C
 Test Date :2025-08-04
 Temp./Humi. :23.2°C/54%
 Antenna Pol. :Vertical
 Engineer :Alex Li



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2380.82	Average	45.36	-3.93	41.43	54.00	-12.57
2381.22	Peak	55.36	-3.93	51.43	74.00	-22.57
2462.00	Average	110.36	-4.16	106.20	-	-
2462.00	Peak	112.84	-4.16	108.68	-	-
2483.72	Peak	59.46	-4.11	55.35	74.00	-18.65
2488.63	Average	50.32	-4.07	46.25	54.00	-7.75

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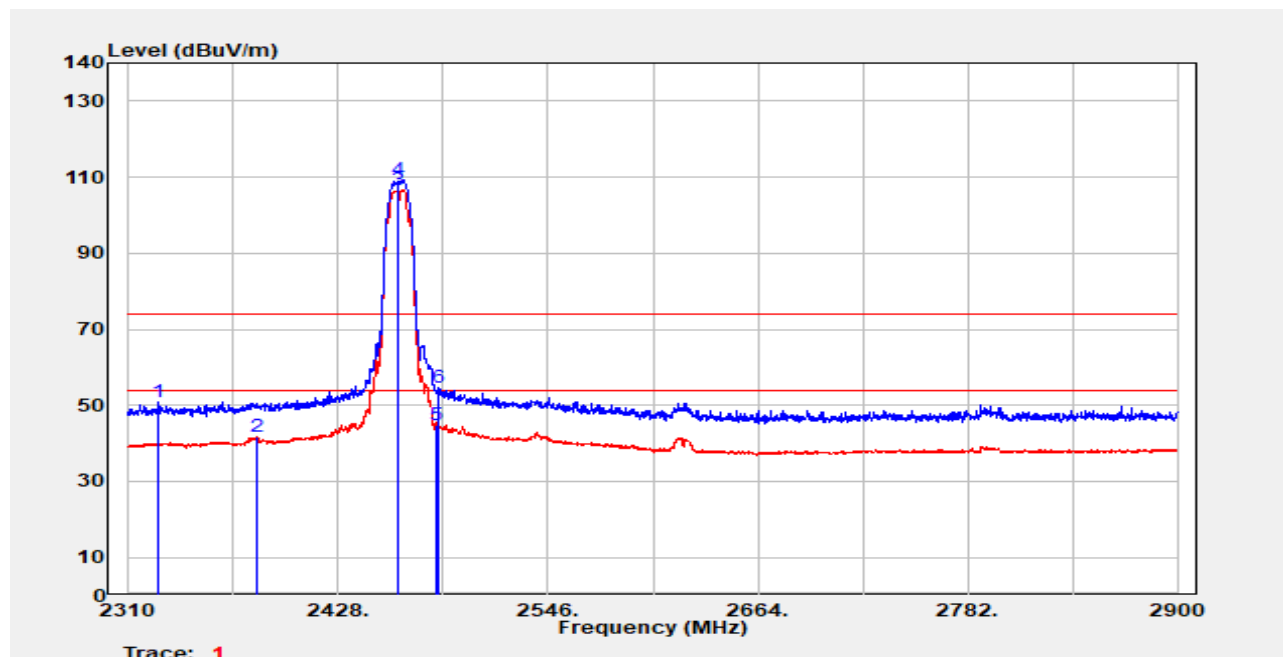
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Report Number :TERF2507002421E2
Operation Mode :802.11b
Test Frequency :2462 MHz
Test Mode :Bandedge
EUT Pol :NB Mode

Test Site :SAC C
Test Date :2025-08-04
Temp./Humi. :23.2°C/54%
Antenna Pol. :Horizontal
Engineer :Alex Li



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2326.92	Peak	54.46	-3.75	50.71	74.00	-23.29
2382.59	Average	45.60	-3.92	41.68	54.00	-12.32
2462.00	Average	110.70	-4.16	106.54	-	-
2462.00	Peak	113.39	-4.16	109.23	-	-
2483.50	Average	48.98	-4.12	44.86	54.00	-9.14
2483.72	Peak	58.60	-4.11	54.49	74.00	-19.51

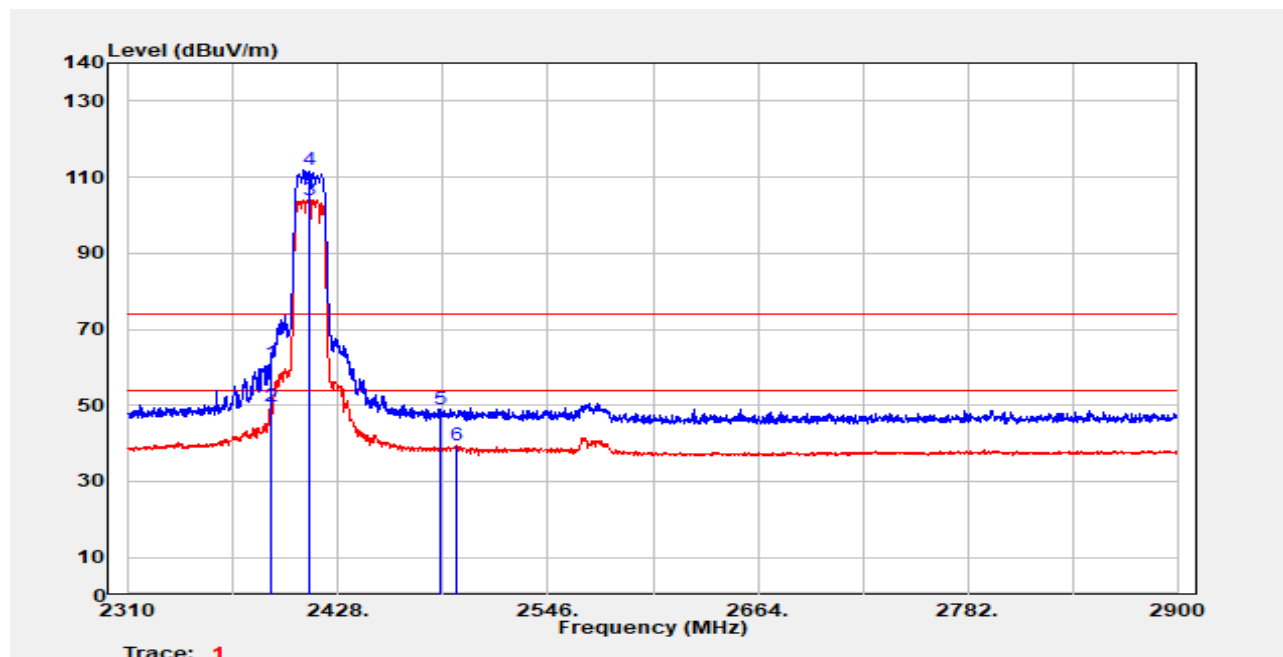
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Report Number :TERF2507002421E2
 Operation Mode :802.11g
 Test Frequency :2412 MHz
 Test Mode :Bandedge
 EUT Pol :NB Mode

Test Site :SAC C
 Test Date :2025-08-04
 Temp./Humi. :23.2°C/54%
 Antenna Pol. :Vertical
 Engineer :Alex Li



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2389.68	Peak	65.07	-3.92	61.15	74.00	-12.85
2389.87	Average	53.61	-3.92	49.69	54.00	-4.31
2412.00	Average	108.15	-4.02	104.13	-	-
2412.00	Peak	115.80	-4.02	111.78	-	-
2485.88	Peak	53.04	-4.09	48.95	74.00	-25.05
2494.34	Average	43.68	-4.09	39.59	54.00	-14.41

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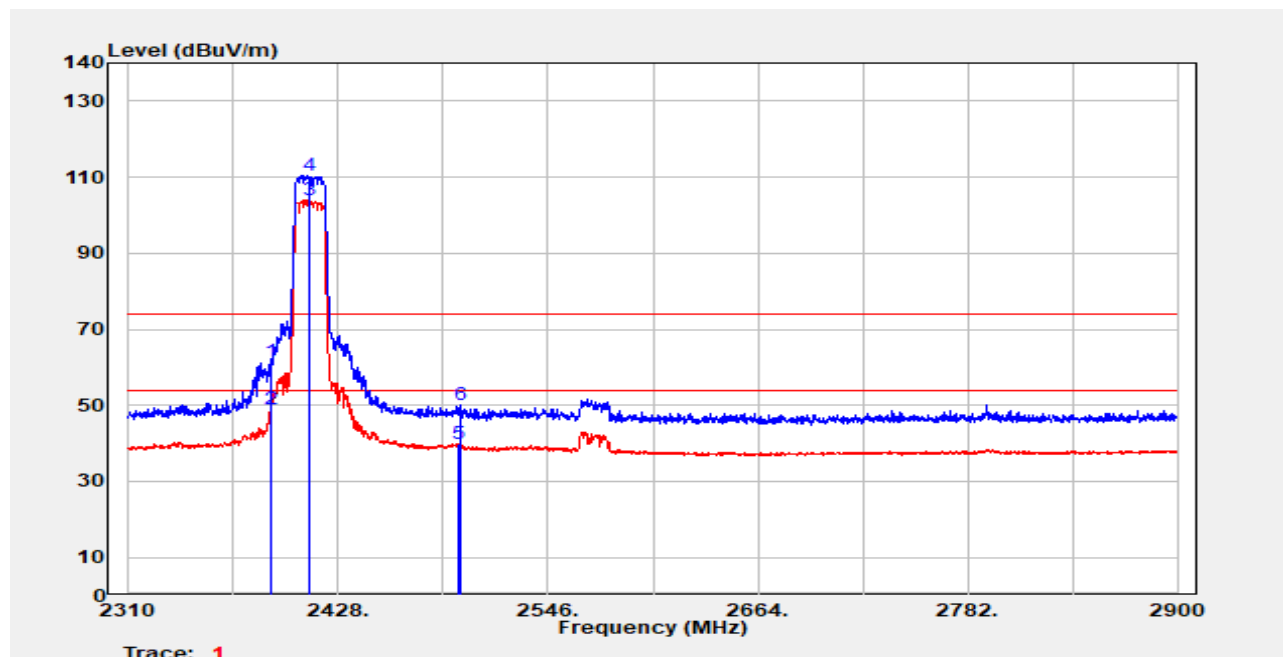
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Report Number :TERF2507002421E2
Operation Mode :802.11g
Test Frequency :2412 MHz
Test Mode :Bandedge
EUT Pol :NB Mode

Test Site :SAC C
Test Date :2025-08-04
Temp./Humi. :23.2°C/54%
Antenna Pol. :Horizontal
Engineer :Alex Li



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	65.23	-3.92	61.31	74.00	-12.69
2389.87	Average	52.69	-3.92	48.77	54.00	-5.23
2412.00	Average	107.84	-4.02	103.82	-	-
2412.00	Peak	114.47	-4.02	110.45	-	-
2495.32	Average	43.95	-4.10	39.85	54.00	-14.15
2496.31	Peak	54.01	-4.12	49.89	74.00	-24.11

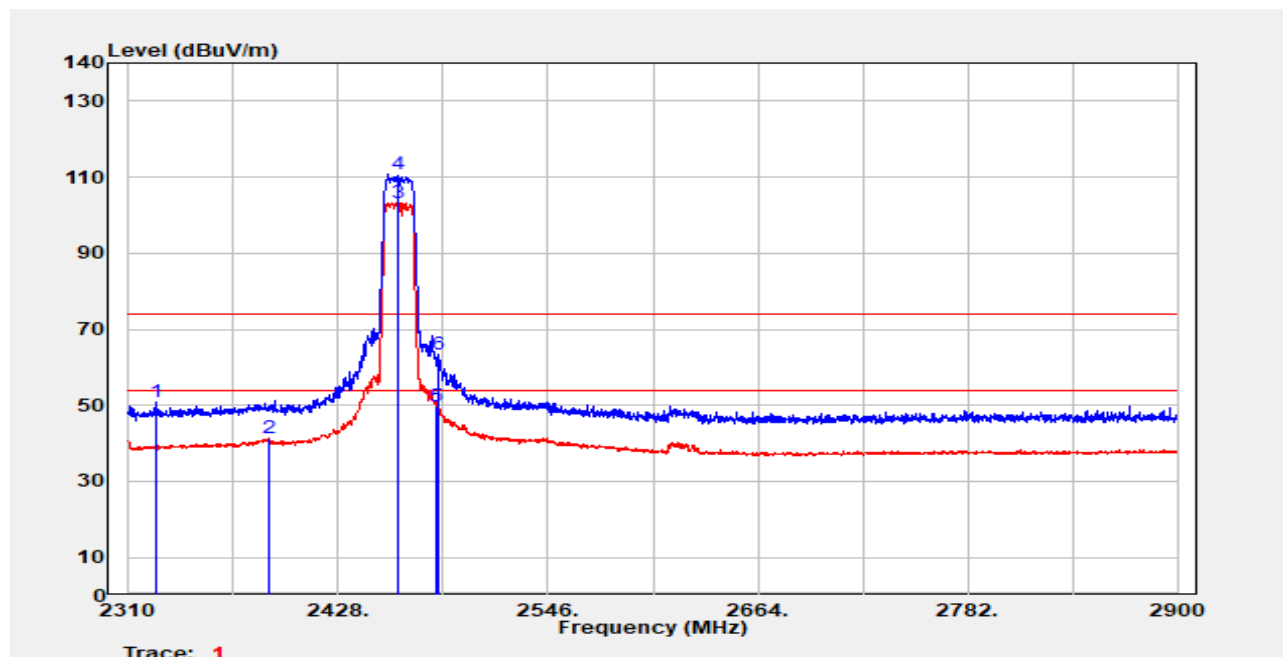
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Report Number :TERF2507002421E2
Operation Mode :802.11g
Test Frequency :2462 MHz
Test Mode :Bandedge
EUT Pol :NB Mode

Test Site :SAC C
Test Date :2025-08-04
Temp./Humi. :23.2°C/54%
Antenna Pol. :Vertical
Engineer :Alex Li



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2325.15	Peak	54.43	-3.73	50.70	74.00	-23.30
2388.69	Average	45.24	-3.93	41.31	54.00	-12.69
2462.00	Average	107.51	-4.16	103.35	-	-
2462.00	Peak	114.78	-4.16	110.62	-	-
2483.50	Average	53.98	-4.12	49.86	54.00	-4.14
2483.91	Peak	67.38	-4.11	63.27	74.00	-10.73

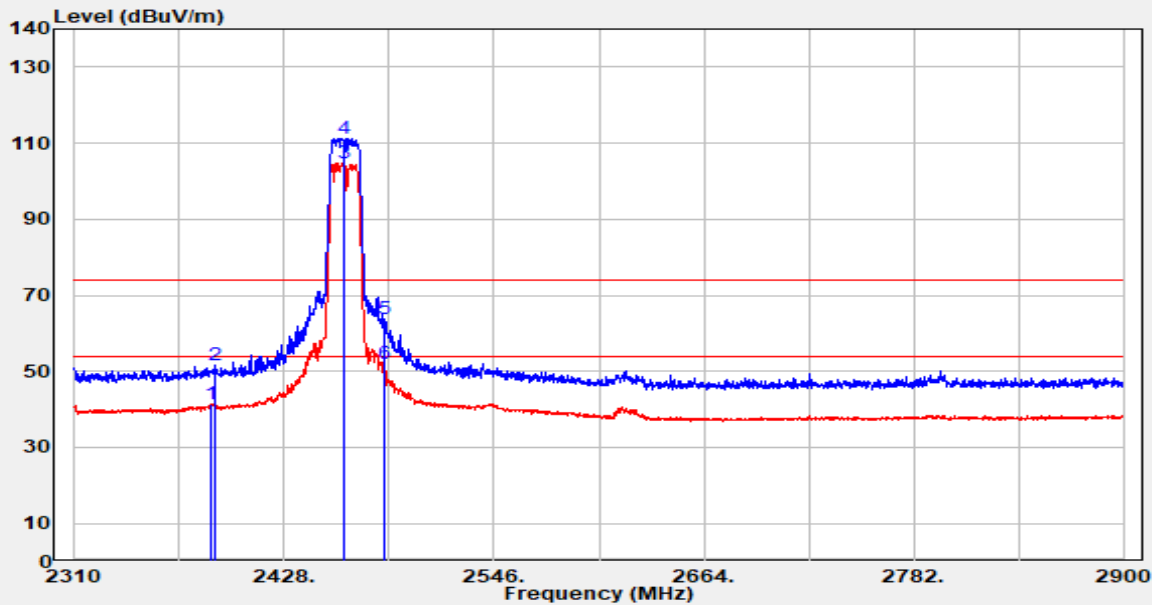
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Report Number :TERF2507002421E2
Operation Mode :802.11g
Test Frequency :2462 MHz
Test Mode :Bandedge
EUT Pol :NB Mode

Test Site :SAC C
Test Date :2025-08-04
Temp./Humi. :23.2°C/54%
Antenna Pol. :Horizontal
Engineer :Alex Li



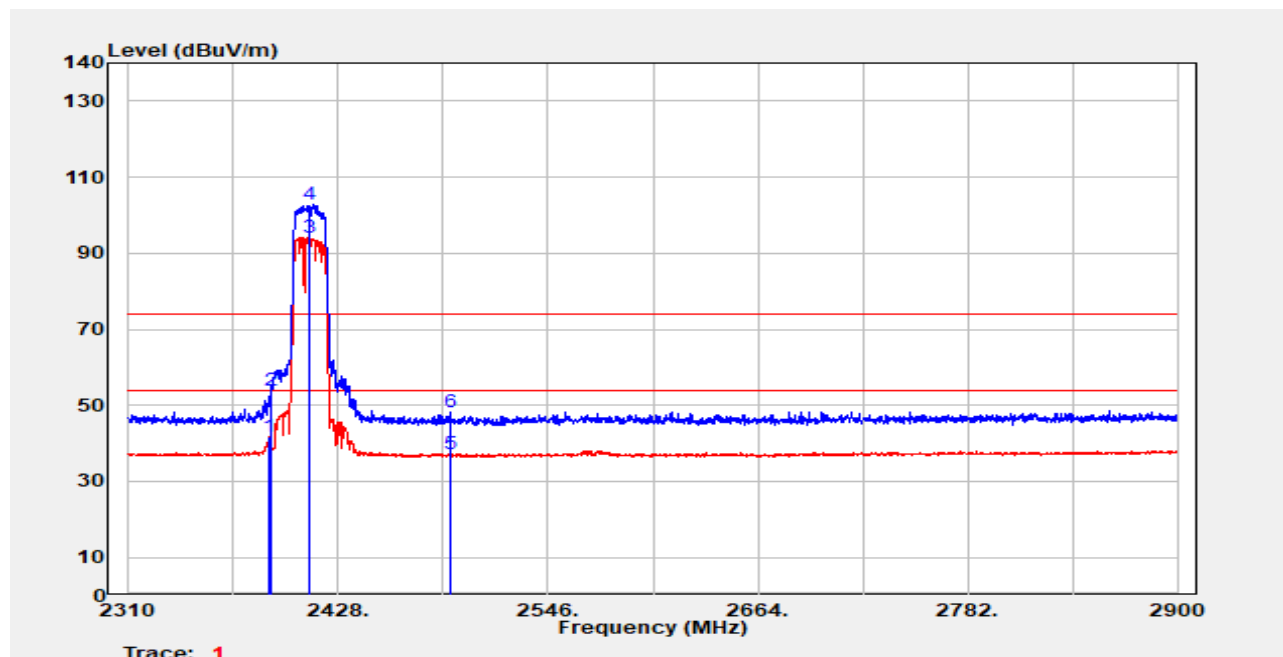
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2386.92	Average	45.20	-3.92	41.28	54.00	-12.72
2389.09	Peak	55.40	-3.93	51.47	74.00	-22.53
2462.00	Average	108.86	-4.16	104.70	-	-
2462.00	Peak	115.35	-4.16	111.19	-	-
2483.72	Peak	67.94	-4.11	63.83	74.00	-10.17
2483.91	Average	55.92	-4.11	51.81	54.00	-2.19

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Report Number :TERF2507002421E2
 Operation Mode :802.11ac20
 Test Frequency :2412 MHz
 Test Mode :Bandedge
 EUT Pol :NB Mode

Test Site :SAC C
 Test Date :2025-08-04
 Temp./Humi. :23.2°C/54%
 Antenna Pol. :Vertical
 Engineer :Alex Li



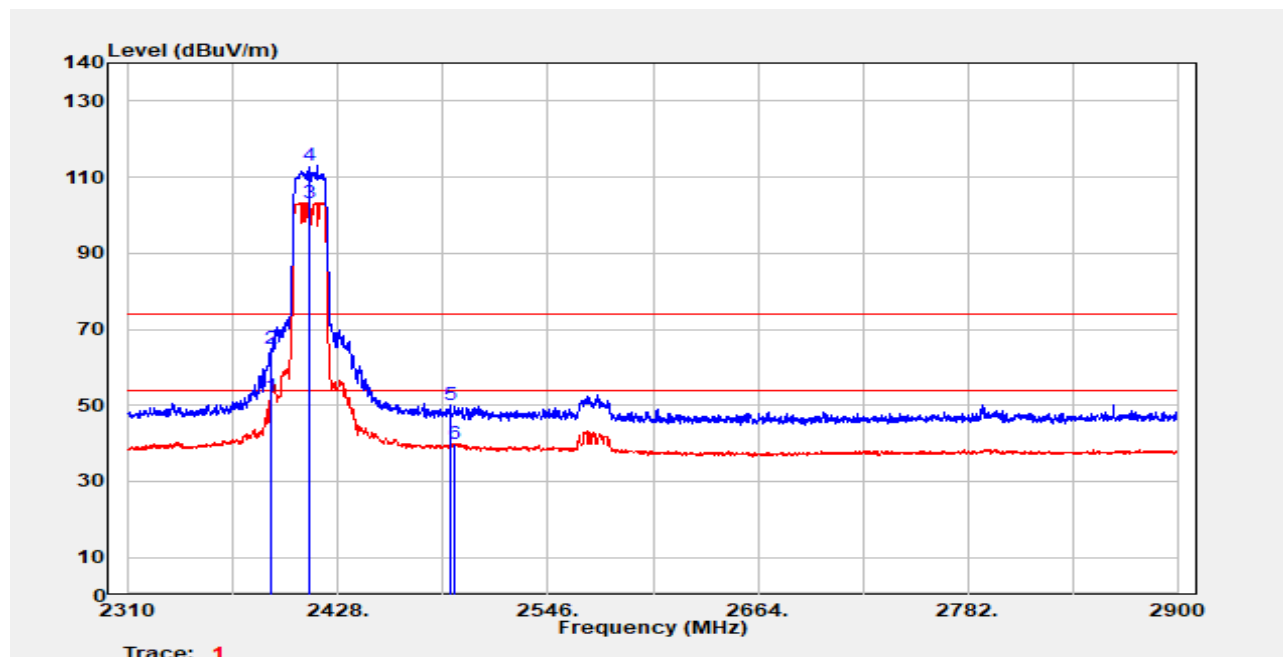
Freq. MHz	Detector Mode	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
2389.48	Average	45.61	-3.92	41.69	54.00	-12.31
2389.87	Peak	57.84	-3.92	53.92	74.00	-20.08
2412.00	Average	98.18	-4.02	94.16	-	-
2412.00	Peak	106.69	-4.02	102.67	-	-
2490.99	Average	41.39	-4.07	37.32	54.00	-16.68
2491.19	Peak	52.23	-4.07	48.16	74.00	-25.84

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Report Number :TERF2507002421E2
 Operation Mode :802.11ac20
 Test Frequency :2412 MHz
 Test Mode :Bandedge
 EUT Pol :NB Mode

Test Site :SAC C
 Test Date :2025-08-04
 Temp./Humi. :23.2°C/54%
 Antenna Pol. :Horizontal
 Engineer :Alex Li



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2389.87	Average	56.20	-3.92	52.28	54.00	-1.72
2389.87	Peak	68.78	-3.92	64.86	74.00	-9.14
2412.00	Average	107.31	-4.02	103.29	-	-
2412.00	Peak	116.95	-4.02	112.93	-	-
2490.80	Peak	54.30	-4.07	50.23	74.00	-23.77
2493.35	Average	43.99	-4.09	39.90	54.00	-14.10

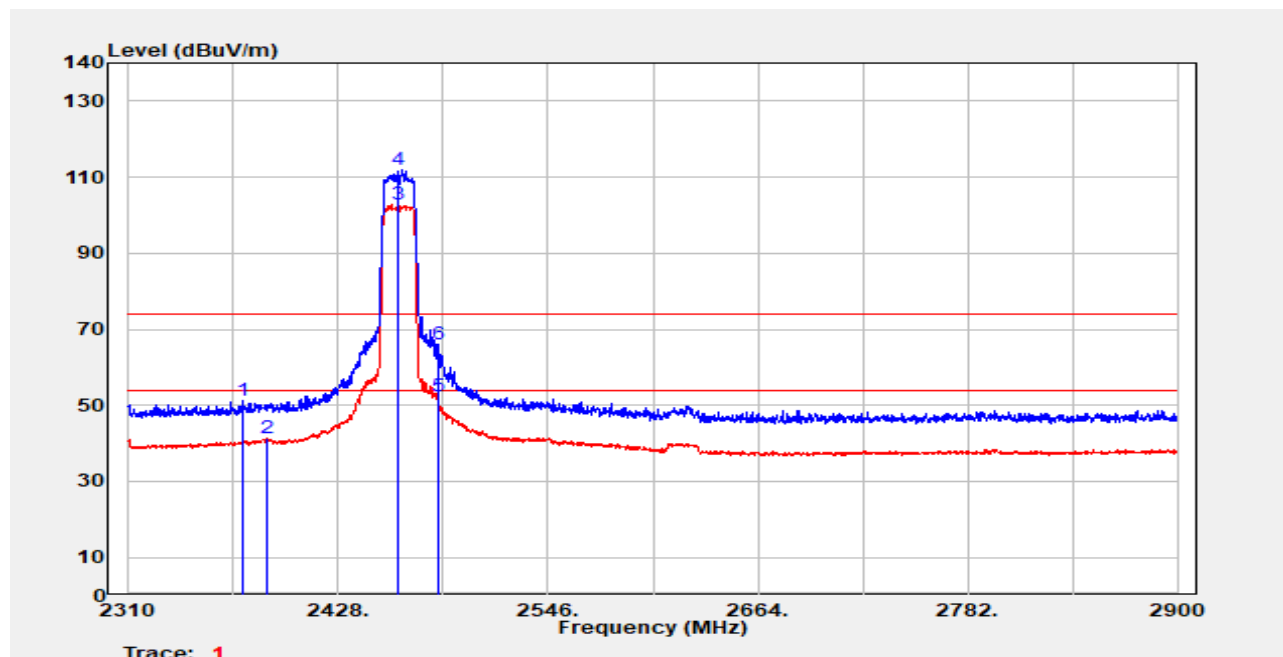
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Report Number :TERF2507002421E2
 Operation Mode :802.11ac20
 Test Frequency :2462 MHz
 Test Mode :Bandedge
 EUT Pol :NB Mode

Test Site :SAC C
 Test Date :2025-08-04
 Temp./Humi. :23.2°C/54%
 Antenna Pol. :Vertical
 Engineer :Alex Li



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2374.14	Peak	55.07	-3.88	51.19	74.00	-22.81
2387.51	Average	45.32	-3.93	41.39	54.00	-12.61
2462.00	Average	106.81	-4.16	102.65	-	-
2462.00	Peak	115.96	-4.16	111.80	-	-
2483.91	Average	56.40	-4.11	52.29	54.00	-1.71
2484.11	Peak	70.08	-4.11	65.97	74.00	-8.03

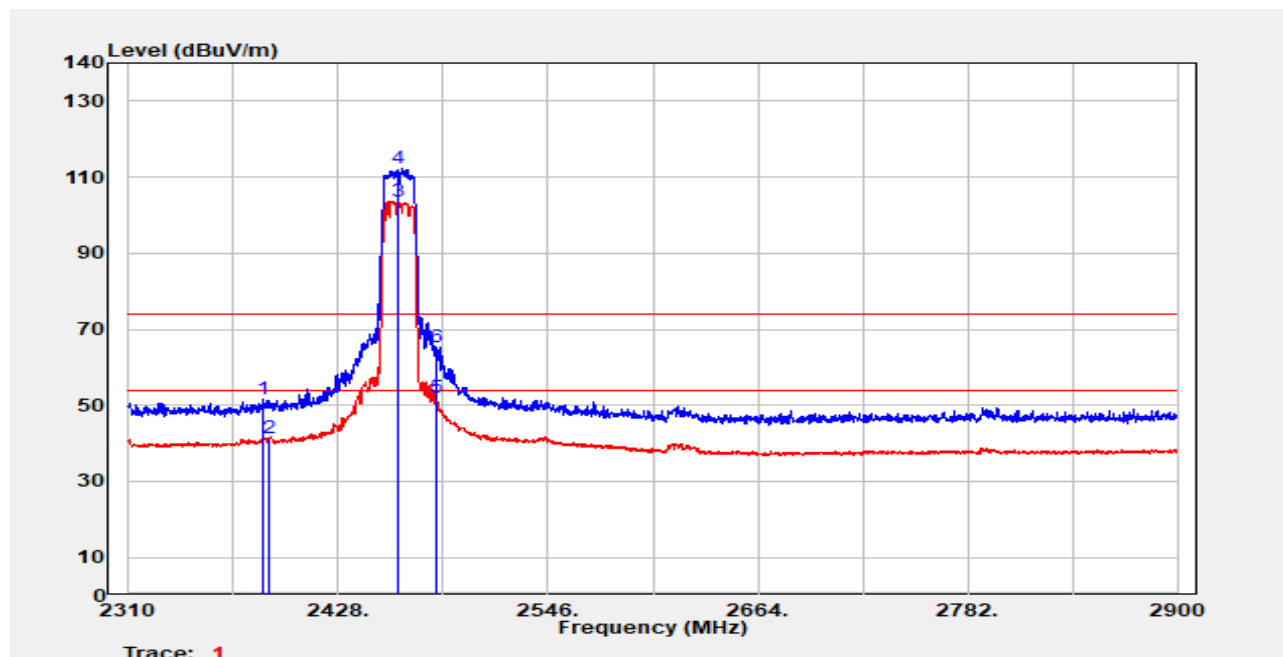
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Report Number :TERF2507002421E2
Operation Mode :802.11ac20
Test Frequency :2462 MHz
Test Mode :Bandedge
EUT Pol :NB Mode

Test Site :SAC C
Test Date :2025-08-04
Temp./Humi. :23.2°C/54%
Antenna Pol. :Horizontal
Engineer :Alex Li



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2385.55	Peak	55.38	-3.92	51.46	74.00	-22.54
2389.09	Average	45.29	-3.93	41.36	54.00	-12.64
2462.00	Average	107.69	-4.16	103.53	-	-
2462.00	Peak	116.64	-4.16	112.48	-	-
2483.50	Average	56.20	-4.12	52.08	54.00	-1.92
2483.50	Peak	69.53	-4.12	65.41	74.00	-8.59

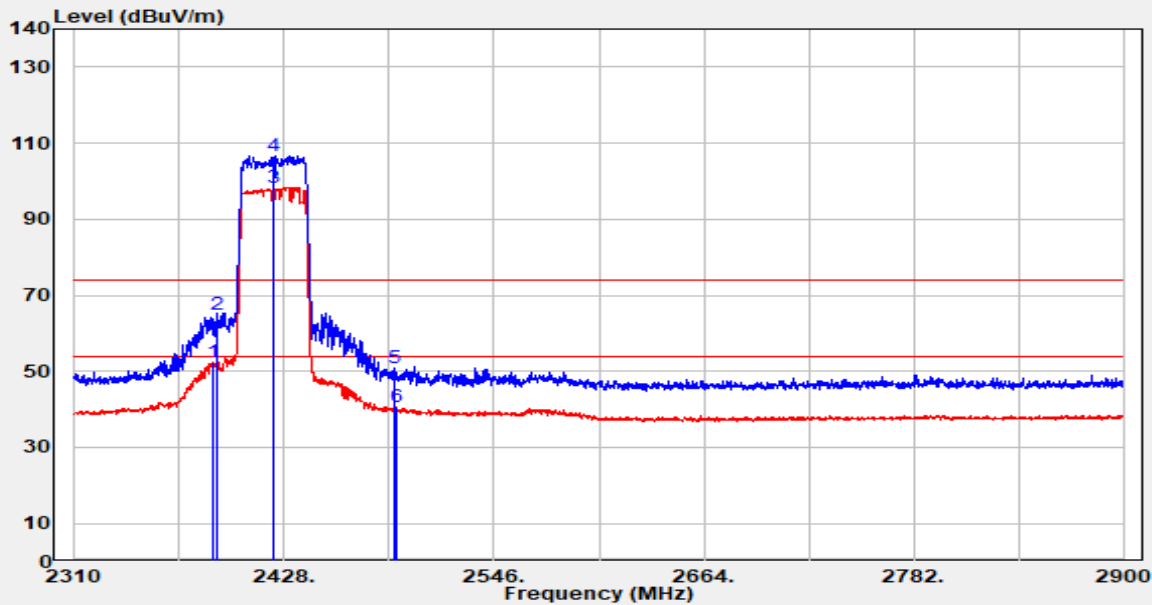
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Report Number :TERF2507002421E2
 Operation Mode :802.11ac40
 Test Frequency :2422 MHz
 Test Mode :Bandedge
 EUT Pol :NB Mode

Test Site :SAC C
 Test Date :2025-08-04
 Temp./Humi. :23.2°C/54%
 Antenna Pol. :Vertical
 Engineer :Alex Li



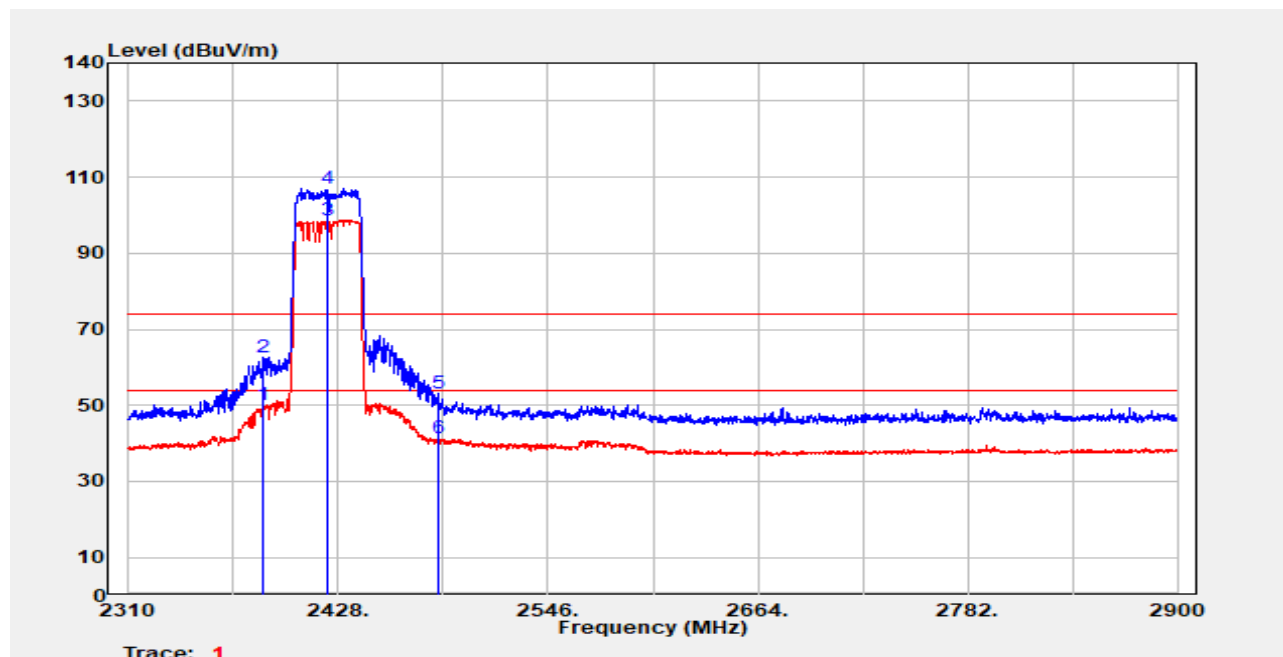
Freq. MHz	Detector Mode	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2387.32	Average	56.31	-3.92	52.39	54.00	-1.61
2389.87	Peak	68.73	-3.92	64.81	74.00	-9.19
2422.00	Average	102.46	-4.02	98.44	-	-
2422.00	Peak	110.60	-4.02	106.58	-	-
2489.62	Peak	54.90	-4.06	50.84	74.00	-23.16
2490.99	Average	44.77	-4.07	40.70	54.00	-13.30

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Report Number :TERF2507002421E2
 Operation Mode :802.11ac40
 Test Frequency :2422 MHz
 Test Mode :Bandedge
 EUT Pol :NB Mode

Test Site :SAC C
 Test Date :2025-08-04
 Temp./Humi. :23.2°C/54%
 Antenna Pol. :Horizontal
 Engineer :Alex Li



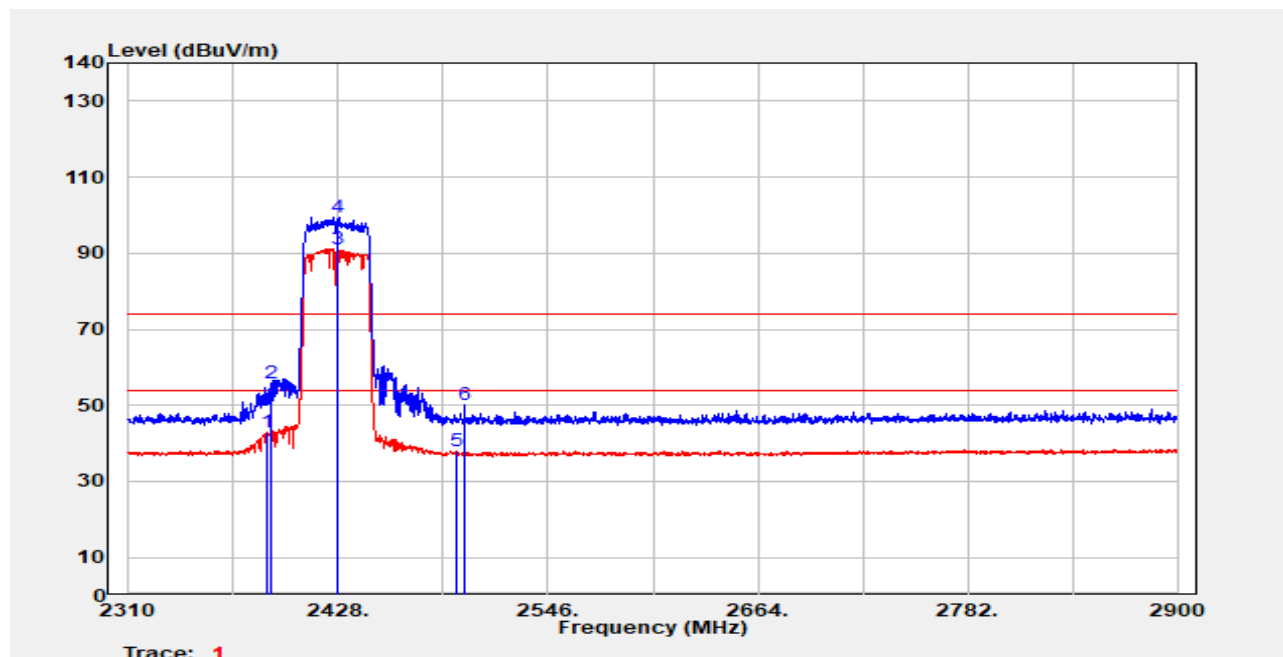
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2385.35	Average	54.05	-3.92	50.13	54.00	-3.87
2385.35	Peak	66.47	-3.92	62.55	74.00	-11.45
2422.00	Average	102.69	-4.02	98.67	-	-
2422.00	Peak	111.07	-4.02	107.05	-	-
2483.91	Peak	57.27	-4.11	53.16	74.00	-20.84
2484.31	Average	45.35	-4.11	41.24	54.00	-12.76

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Report Number :TERF2507002421E2
Operation Mode :802.11ac40
Test Frequency :2427 MHz
Test Mode :Bandedge
EUT Pol :NB Mode

Test Site :SAC C
Test Date :2025-08-07
Temp./Humi. :23.5°C/51%
Antenna Pol. :Vertical
Engineer :Alex Li



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2388.30	Average	46.92	-3.93	42.99	54.00	-11.01
2389.87	Peak	59.60	-3.92	55.68	74.00	-18.32
2427.00	Average	95.16	-4.03	91.13	-	-
2427.00	Peak	103.36	-4.03	99.33	-	-
2494.73	Average	42.21	-4.10	38.11	54.00	-15.89
2499.26	Peak	54.07	-4.15	49.92	74.00	-24.08

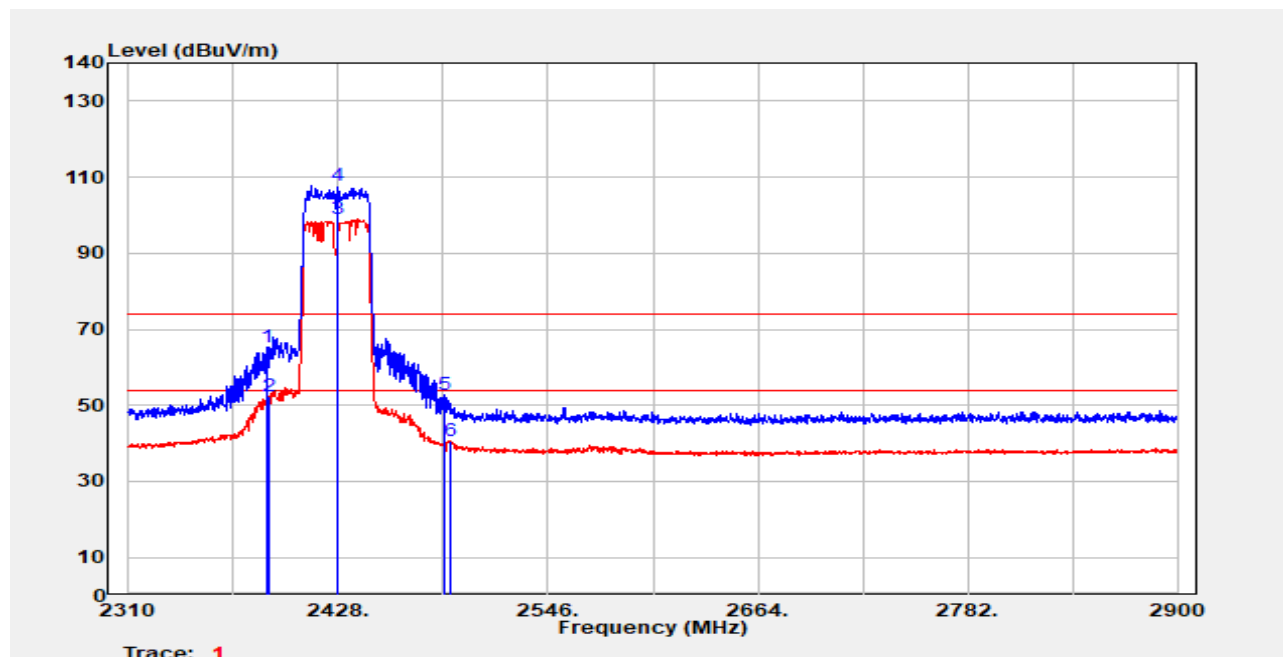
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Report Number :TERF2507002421E2
Operation Mode :802.11ac40
Test Frequency :2427 MHz
Test Mode :Bandedge
EUT Pol :NB Mode

Test Site :SAC C
Test Date :2025-08-07
Temp./Humi. :23.5°C/51%
Antenna Pol. :Horizontal
Engineer :Alex Li



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2388.10	Peak	69.12	-3.93	65.19	74.00	-8.81
2388.69	Average	56.38	-3.93	52.45	54.00	-1.55
2427.00	Average	102.90	-4.03	98.87	-	-
2427.00	Peak	111.68	-4.03	107.65	-	-
2488.04	Peak	56.67	-4.07	52.60	74.00	-21.40
2490.99	Average	44.85	-4.07	40.78	54.00	-13.22

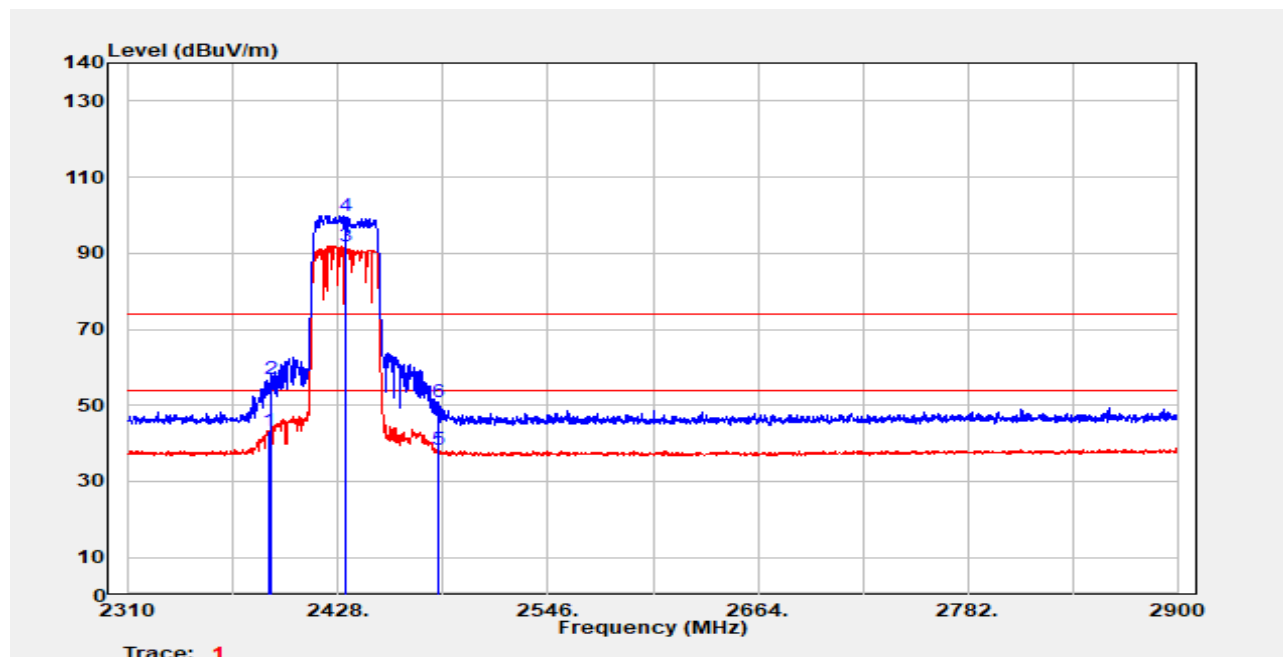
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Report Number :TERF2507002421E2
 Operation Mode :802.11ac40
 Test Frequency :2432 MHz
 Test Mode :Bandedge
 EUT Pol :NB Mode

Test Site :SAC C
 Test Date :2025-08-07
 Temp./Humi. :23.5°C/51%
 Antenna Pol. :Vertical
 Engineer :Alex Li



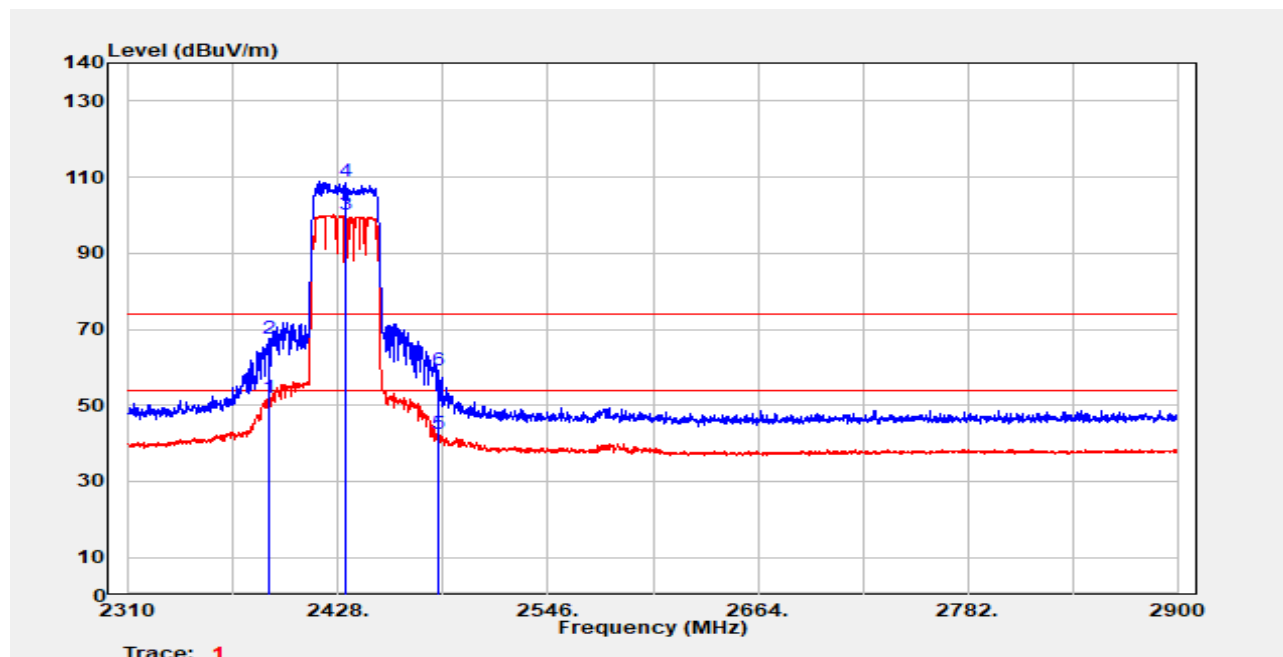
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2388.50	Average	47.25	-3.93	43.32	54.00	-10.68
2389.87	Peak	60.98	-3.92	57.06	74.00	-16.94
2432.00	Average	95.93	-4.02	91.91	-	-
2432.00	Peak	103.97	-4.02	99.95	-	-
2483.72	Average	42.54	-4.11	38.43	54.00	-15.57
2483.72	Peak	55.02	-4.11	50.91	74.00	-23.09

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Report Number :TERF2507002421E2
Operation Mode :802.11ac40
Test Frequency :2432 MHz
Test Mode :Bandedge
EUT Pol :NB Mode

Test Site :SAC C
Test Date :2025-08-07
Temp./Humi. :23.5°C/51%
Antenna Pol. :Horizontal
Engineer :Alex Li



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2388.69	Average	55.94	-3.93	52.01	54.00	-1.99
2389.28	Peak	71.65	-3.93	67.72	74.00	-6.28
2432.00	Average	104.01	-4.02	99.99	-	-
2432.00	Peak	113.08	-4.02	109.06	-	-
2483.72	Average	46.77	-4.11	42.66	54.00	-11.34
2483.91	Peak	63.15	-4.11	59.04	74.00	-14.96

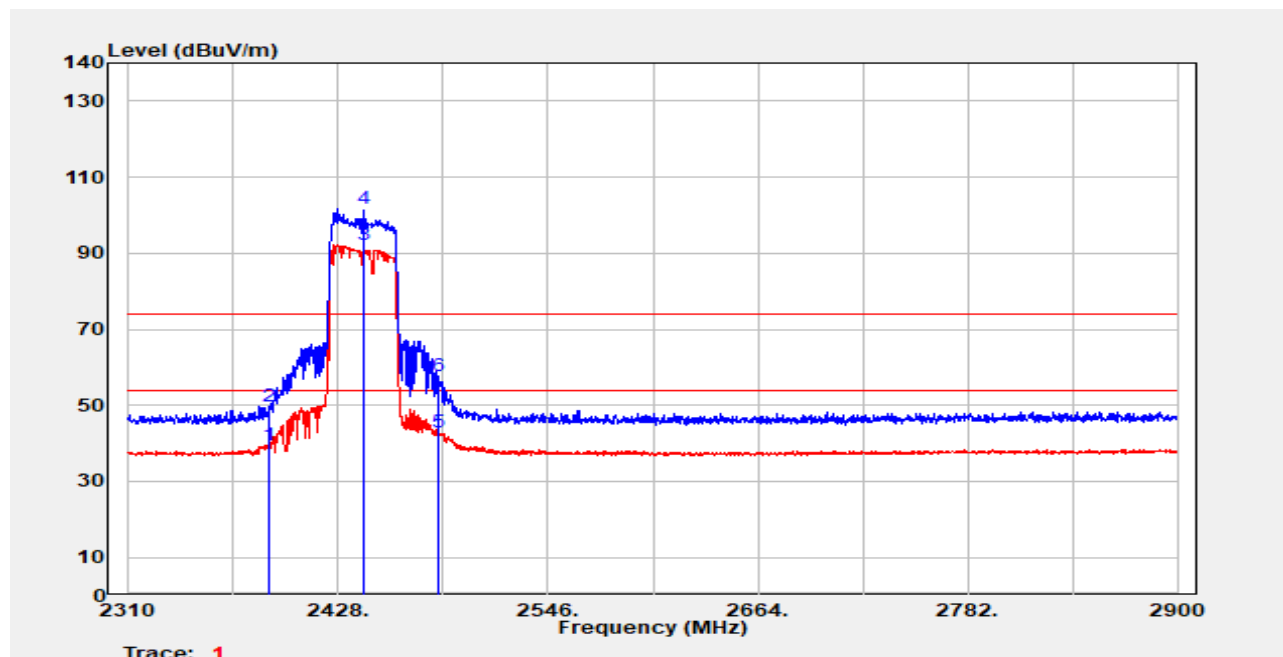
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Report Number :TERF2507002421E2
 Operation Mode :802.11ac40
 Test Frequency :2442 MHz
 Test Mode :Bandedge
 EUT Pol :NB Mode

Test Site :SAC C
 Test Date :2025-08-07
 Temp./Humi. :23.5°C/51%
 Antenna Pol. :Vertical
 Engineer :Alex Li



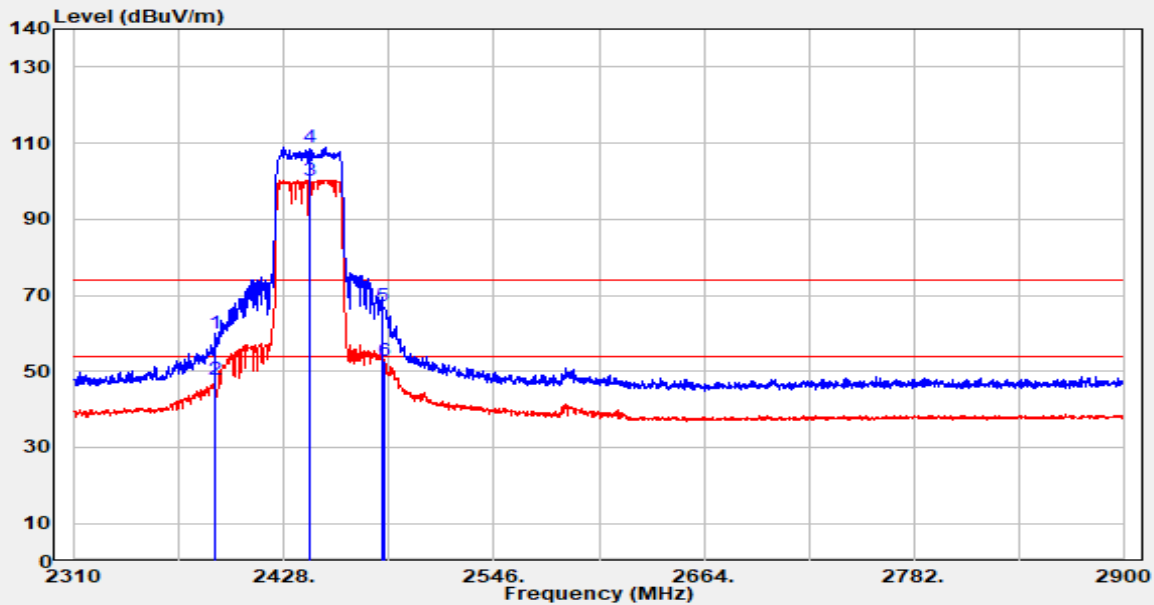
Freq. MHz	Detector Mode	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2388.50	Average	43.54	-3.93	39.61	54.00	-14.39
2389.48	Peak	53.71	-3.92	49.79	74.00	-24.21
2442.00	Average	96.27	-4.03	92.24	-	-
2442.00	Peak	105.72	-4.03	101.69	-	-
2483.91	Average	47.16	-4.11	43.05	54.00	-10.95
2484.11	Peak	61.83	-4.11	57.72	74.00	-16.28

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Report Number :TERF2507002421E2
 Operation Mode :802.11ac40
 Test Frequency :2442 MHz
 Test Mode :Bandedge
 EUT Pol :NB Mode

Test Site :SAC C
 Test Date :2025-08-07
 Temp./Humi. :23.5°C/51%
 Antenna Pol. :Horizontal
 Engineer :Alex Li



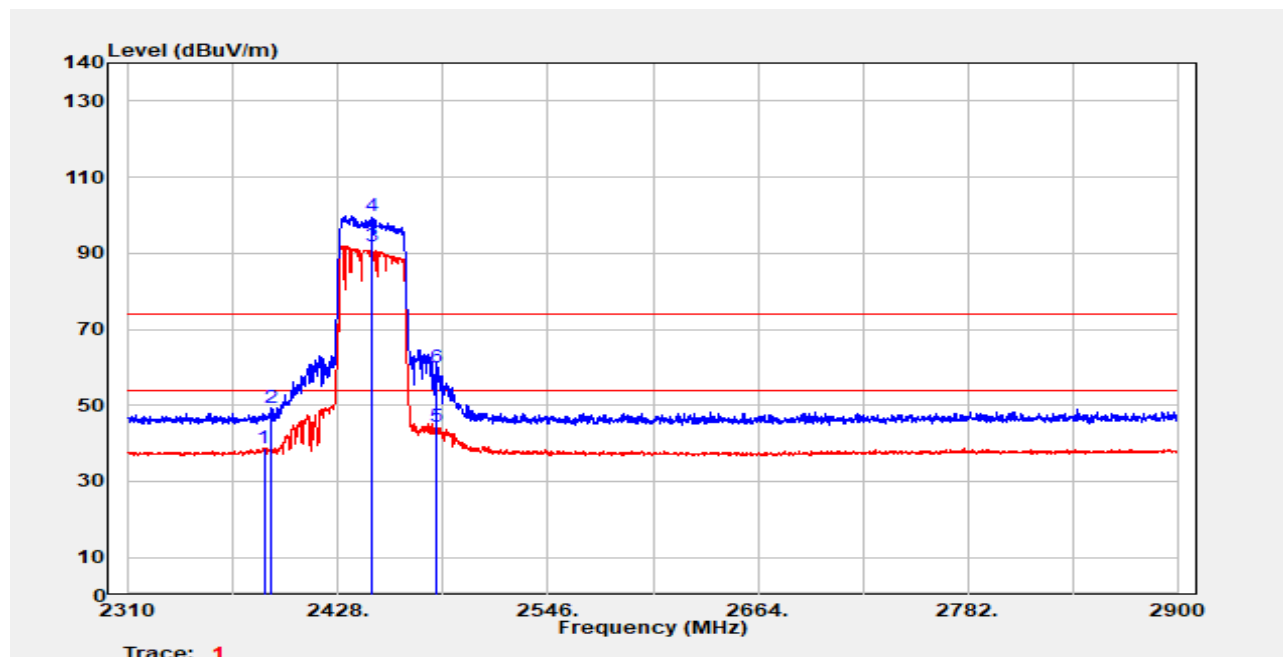
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2389.09	Peak	63.83	-3.93	59.90	74.00	-14.10
2389.28	Average	51.68	-3.93	47.75	54.00	-6.25
2442.00	Average	104.36	-4.03	100.33	-	-
2442.00	Peak	112.88	-4.03	108.85	-	-
2483.50	Peak	71.30	-4.12	67.18	74.00	-6.82
2483.72	Average	57.02	-4.11	52.91	54.00	-1.09

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Report Number :TERF2507002421E2
 Operation Mode :802.11ac40
 Test Frequency :2447 MHz
 Test Mode :Bandedge
 EUT Pol :NB Mode

Test Site :SAC C
 Test Date :2025-08-07
 Temp./Humi. :23.5°C/51%
 Antenna Pol. :Vertical
 Engineer :Alex Li



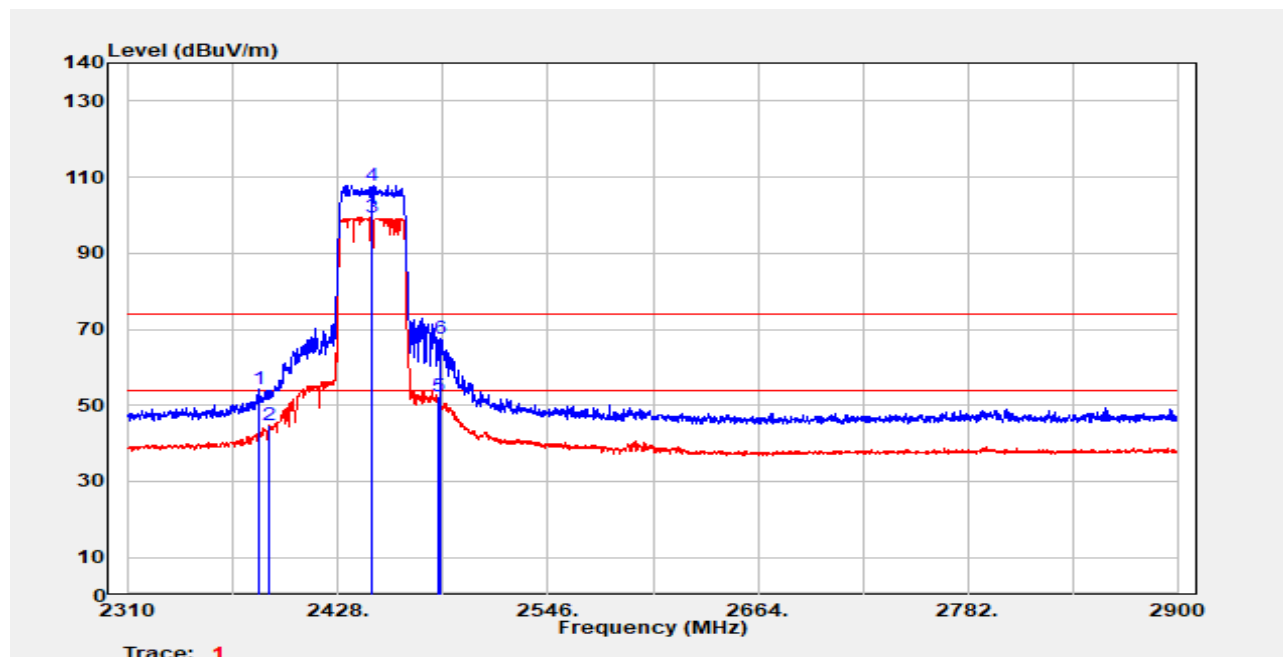
Freq. MHz	Detector Mode	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2386.14	Average	42.73	-3.92	38.81	54.00	-15.19
2389.87	Peak	53.29	-3.92	49.37	74.00	-24.63
2447.00	Average	95.91	-4.03	91.88	-	-
2447.00	Peak	103.88	-4.03	99.85	-	-
2483.50	Average	48.51	-4.12	44.39	54.00	-9.61
2483.50	Peak	63.97	-4.12	59.85	74.00	-14.15

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Report Number :TERF2507002421E2
 Operation Mode :802.11ac40
 Test Frequency :2447 MHz
 Test Mode :Bandedge
 EUT Pol :NB Mode

Test Site :SAC C
 Test Date :2025-08-07
 Temp./Humi. :23.5°C/51%
 Antenna Pol. :Horizontal
 Engineer :Alex Li



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2382.99	Peak	58.05	-3.92	54.13	74.00	-19.87
2389.48	Average	48.76	-3.92	44.84	54.00	-9.16
2447.00	Average	103.35	-4.03	99.32	-	-
2447.00	Peak	111.80	-4.03	107.77	-	-
2484.50	Average	56.53	-4.10	52.43	54.00	-1.57
2485.68	Peak	71.76	-4.09	67.67	74.00	-6.33

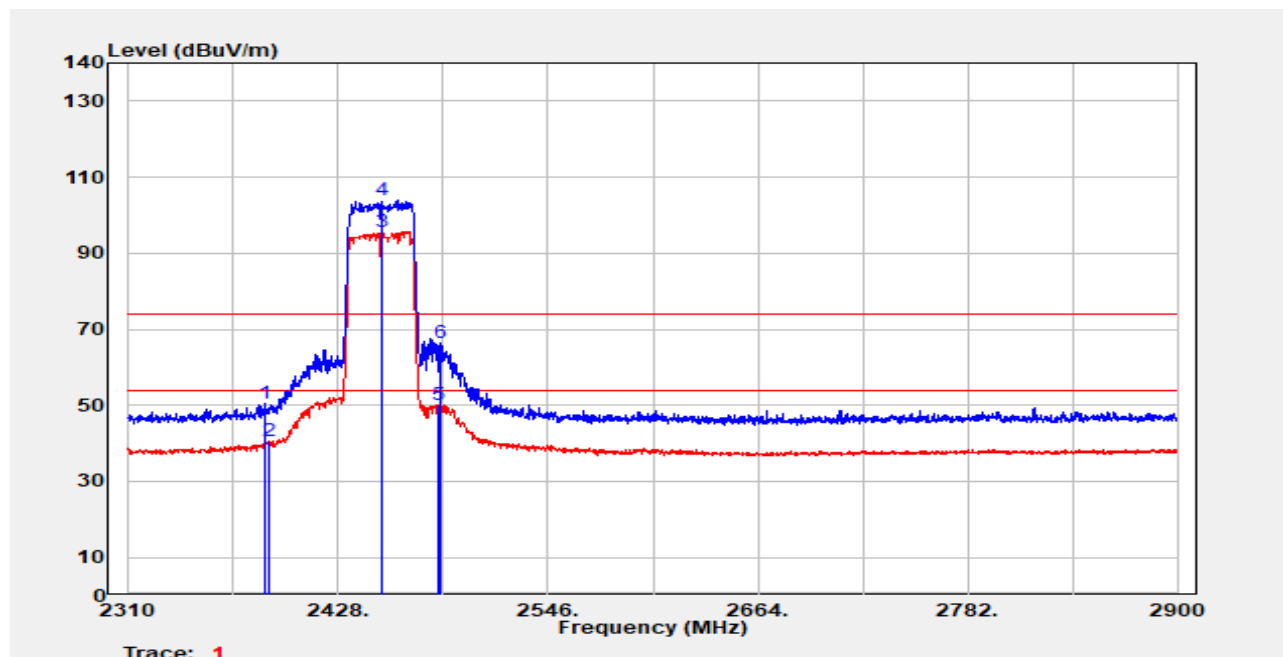
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Report Number :TERF2507002421E2
Operation Mode :802.11ac40
Test Frequency :2452 MHz
Test Mode :Bandedge
EUT Pol :NB Mode

Test Site :SAC C
Test Date :2025-08-05
Temp./Humi. :23.2°C/54%
Antenna Pol. :Vertical
Engineer :Alex Li



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2386.33	Peak	54.40	-3.92	50.48	74.00	-23.52
2388.50	Average	44.68	-3.93	40.75	54.00	-13.25
2452.00	Average	99.70	-4.06	95.64	-	-
2452.00	Peak	107.85	-4.06	103.79	-	-
2483.72	Average	54.27	-4.11	50.16	54.00	-3.84
2485.49	Peak	70.54	-4.10	66.44	74.00	-7.56

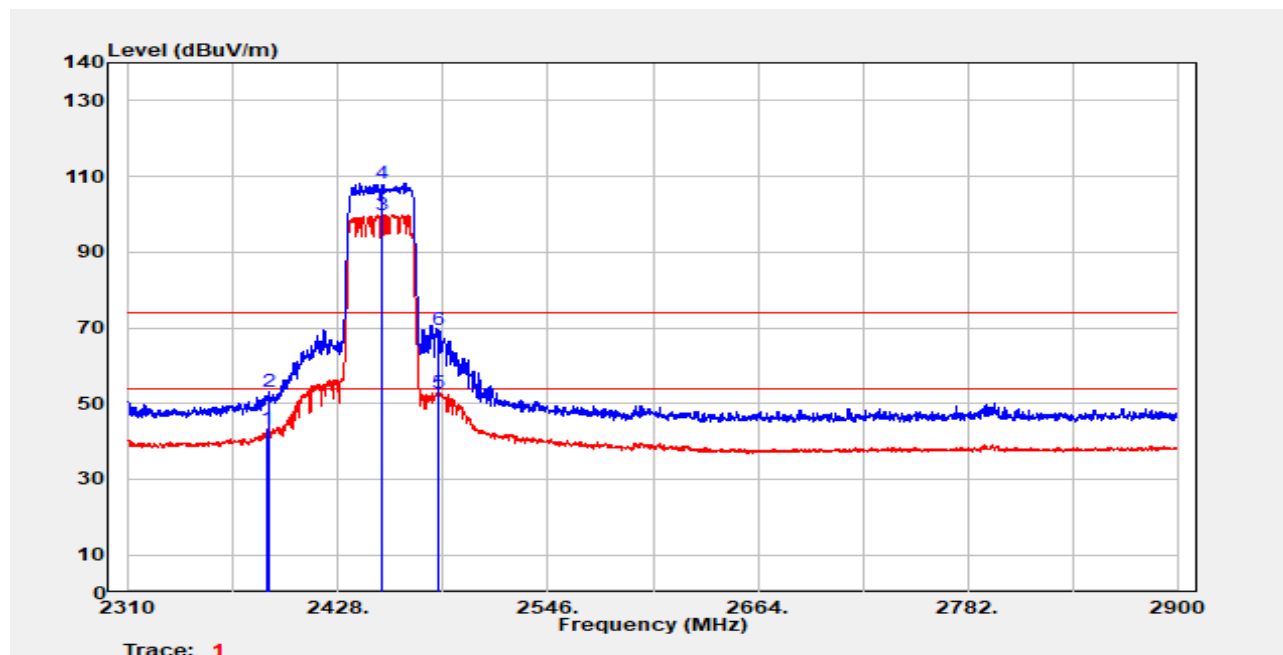
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Report Number :TERF2507002421E2
Operation Mode :802.11ac40
Test Frequency :2452 MHz
Test Mode :Bandedge
EUT Pol :NB Mode

Test Site :SAC C
Test Date :2025-08-05
Temp./Humi. :23.2°C/54%
Antenna Pol. :Horizontal
Engineer :Alex Li



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2388.10	Average	47.04	-3.93	43.11	54.00	-10.89
2388.89	Peak	56.96	-3.93	53.03	74.00	-20.97
2452.00	Average	103.88	-4.06	99.82	-	-
2452.00	Peak	112.23	-4.06	108.17	-	-
2483.72	Average	56.94	-4.11	52.83	54.00	-1.17
2484.70	Peak	73.36	-4.10	69.26	74.00	-4.74

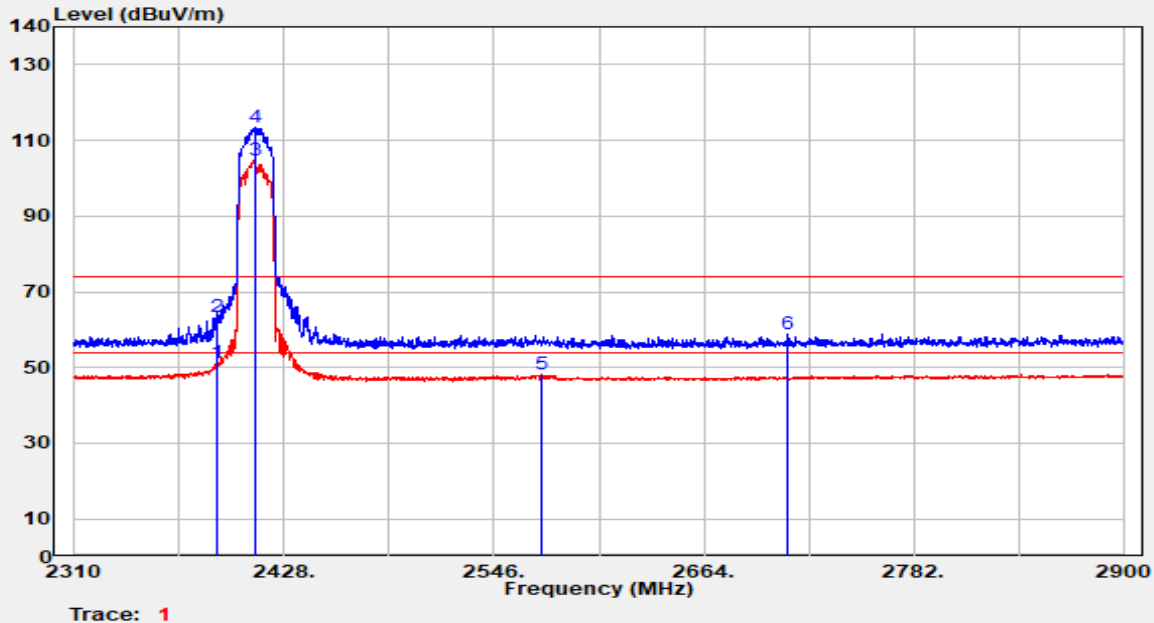
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Report Number :TERF2507002421E2
 Operation Mode :802.11ax20 RU Full
 Test Frequency :2412 MHz
 Test Mode :Bandedge
 EUT Pol :NB Mode

Test Site :SAC C
 Test Date :2025-07-31
 Temp./Humi. :25.1°C/51%
 Antenna Pol. :Vertical
 Engineer :Alex Li



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	Average	55.18	-3.92	51.26	54.00	-2.74
2389.87	Peak	67.22	-3.92	63.30	74.00	-10.70
2412.00	Average	108.63	-4.02	104.61	-	-
2412.00	Peak	117.32	-4.02	113.30	-	-
2572.64	Average	52.19	-3.90	48.29	54.00	-5.71
2711.33	Peak	62.50	-3.71	58.79	74.00	-15.21

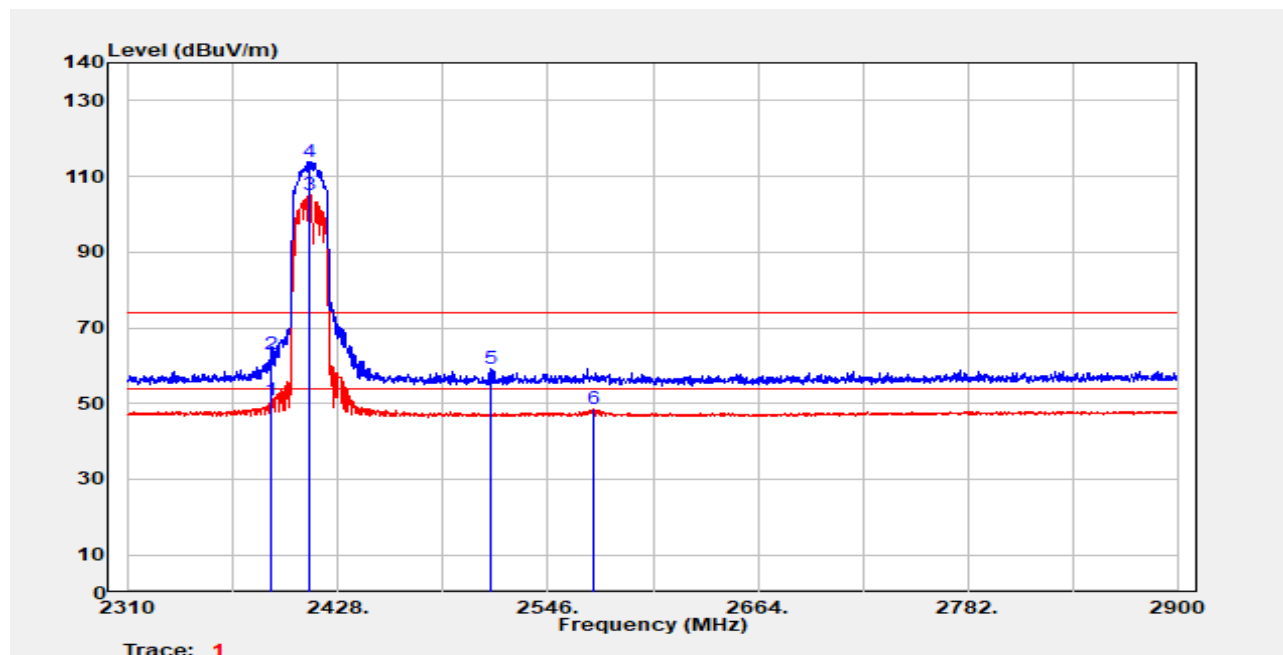
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Report Number :TERF2507002421E2
Operation Mode :802.11ax20 RU Full
Test Frequency :2412 MHz
Test Mode :Bandedge
EUT Pol :NB Mode

Test Site :SAC C
Test Date :2025-07-31
Temp./Humi. :25.1°C/51%
Antenna Pol. :Horizontal
Engineer :Alex Li



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	54.76	-3.92	50.84	54.00	-3.16
2389.87	Peak	67.02	-3.92	63.10	74.00	-10.90
2412.00	Average	109.01	-4.02	104.99	-	-
2412.00	Peak	118.03	-4.02	114.01	-	-
2513.22	Peak	63.36	-4.15	59.21	74.00	-14.79
2571.26	Average	52.62	-3.90	48.72	54.00	-5.28

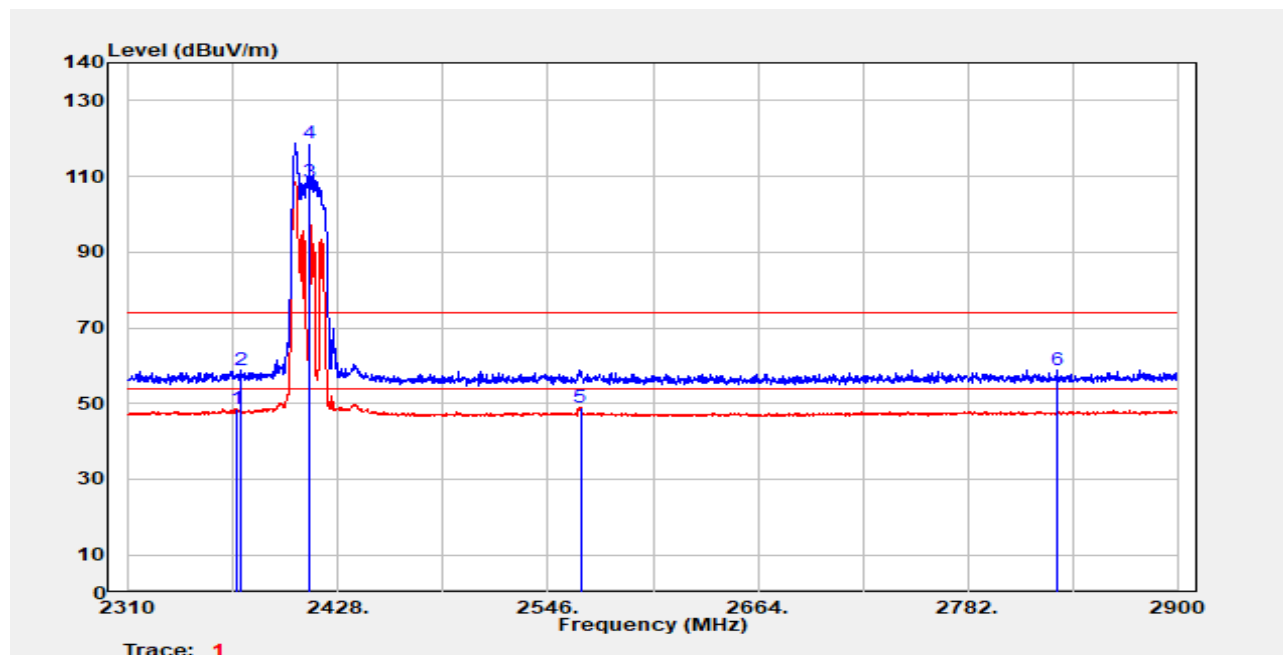
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Report Number :TERF2507002421E2
 Operation Mode :802.11ax20 RU 26/0
 Test Frequency :2412 MHz
 Test Mode :Bandedge
 EUT Pol :NB Mode

Test Site :SAC C
 Test Date :2025-07-31
 Temp./Humi. :25.1°C/51%
 Antenna Pol. :Vertical
 Engineer :Alex Li



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2370.59	Average	52.46	-3.85	48.61	54.00	-5.39
2372.95	Peak	62.65	-3.87	58.78	74.00	-15.22
2412.00	Average	112.50	-4.02	108.48	-	-
2412.00	Peak	122.74	-4.02	118.72	-	-
2564.18	Average	52.77	-3.91	48.86	54.00	-5.14
2832.52	Peak	62.10	-3.14	58.96	74.00	-15.04

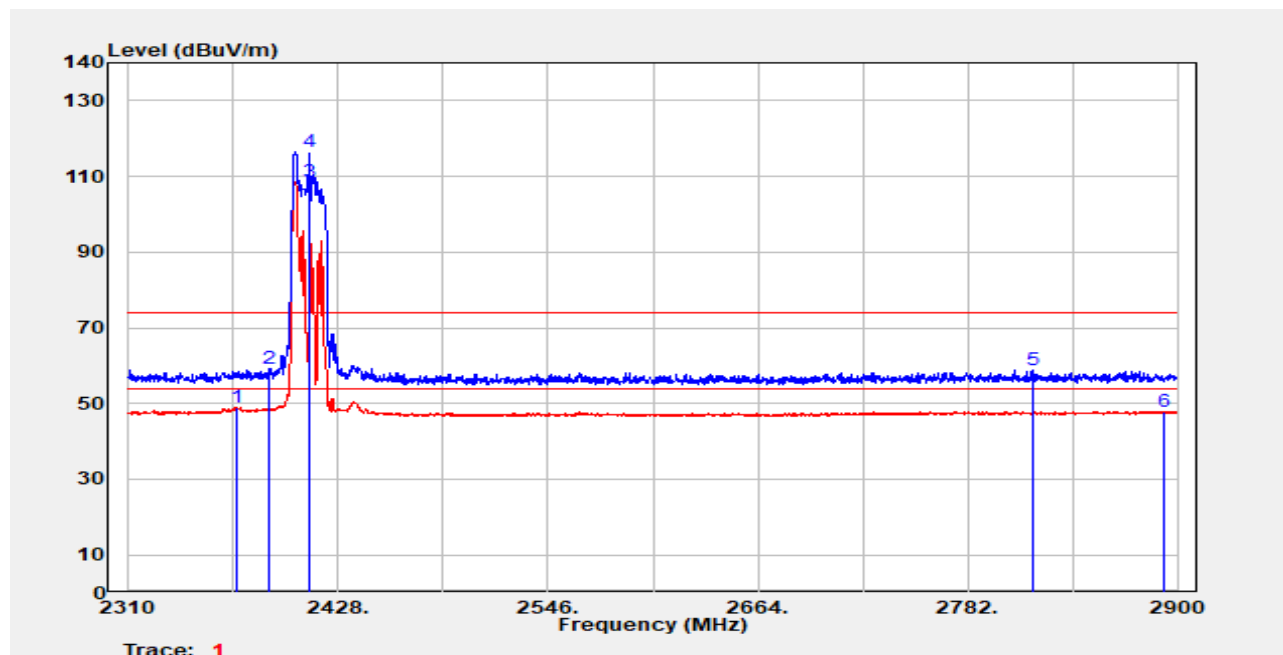
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Report Number :TERF2507002421E2
 Operation Mode :802.11ax20 RU 26/0
 Test Frequency :2412 MHz
 Test Mode :Bandedge
 EUT Pol :NB Mode

Test Site :SAC C
 Test Date :2025-07-31
 Temp./Humi. :25.1°C/51%
 Antenna Pol. :Horizontal
 Engineer :Alex Li



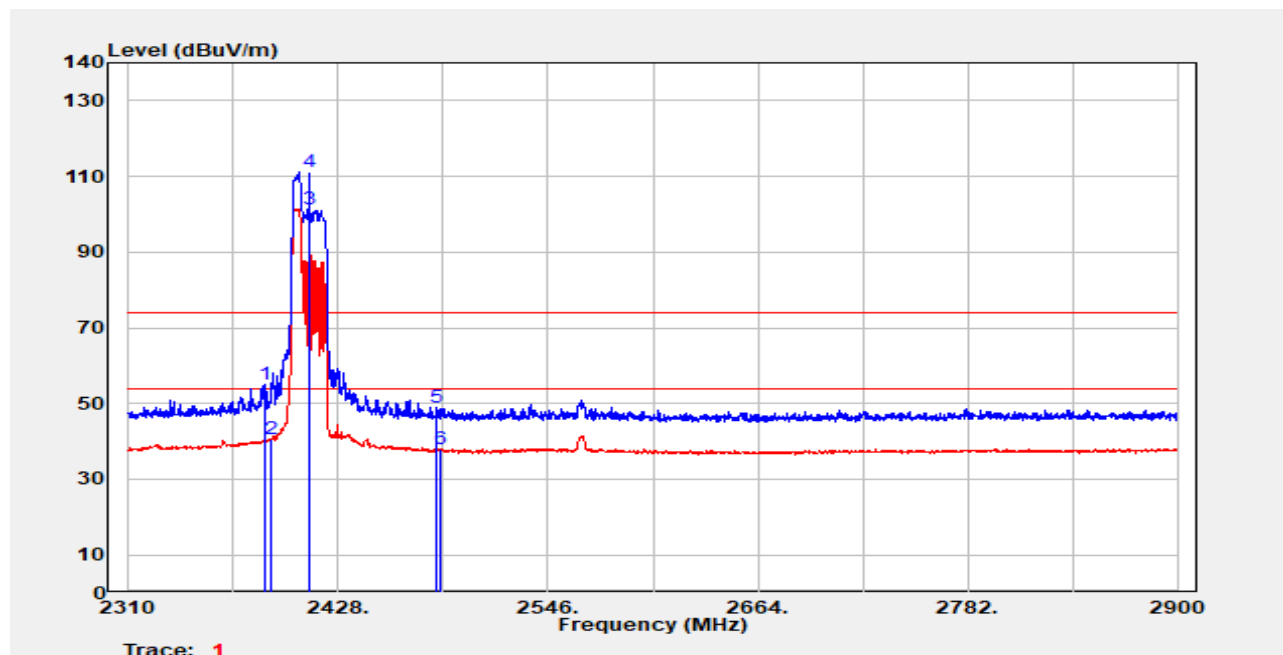
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2370.79	Average	52.83	-3.85	48.98	54.00	-5.02
2389.48	Peak	63.04	-3.92	59.12	74.00	-14.88
2412.00	Average	112.36	-4.02	108.34	-	-
2412.00	Peak	120.36	-4.02	116.34	-	-
2818.95	Peak	61.95	-3.18	58.77	74.00	-15.23
2892.72	Average	50.79	-2.81	47.98	54.00	-6.02

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Report Number :TERF2507002421E2
Operation Mode :802.11ax20 RU 52/37
Test Frequency :2412 MHz
Test Mode :Bandedge
EUT Pol :NB Mode

Test Site :SAC C
Test Date :2025-08-05
Temp./Humi. :22.8°C/54%
Antenna Pol. :Vertical
Engineer :Alex Li



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	58.90	-3.92	54.98	74.00	-19.02
2389.87	Average	44.58	-3.92	40.66	54.00	-13.34
2412.00	Average	105.46	-4.02	101.44	-	-
2412.00	Peak	115.00	-4.02	110.98	-	-
2483.50	Peak	53.02	-4.12	48.90	74.00	-25.10
2485.49	Average	42.19	-4.10	38.09	54.00	-15.91

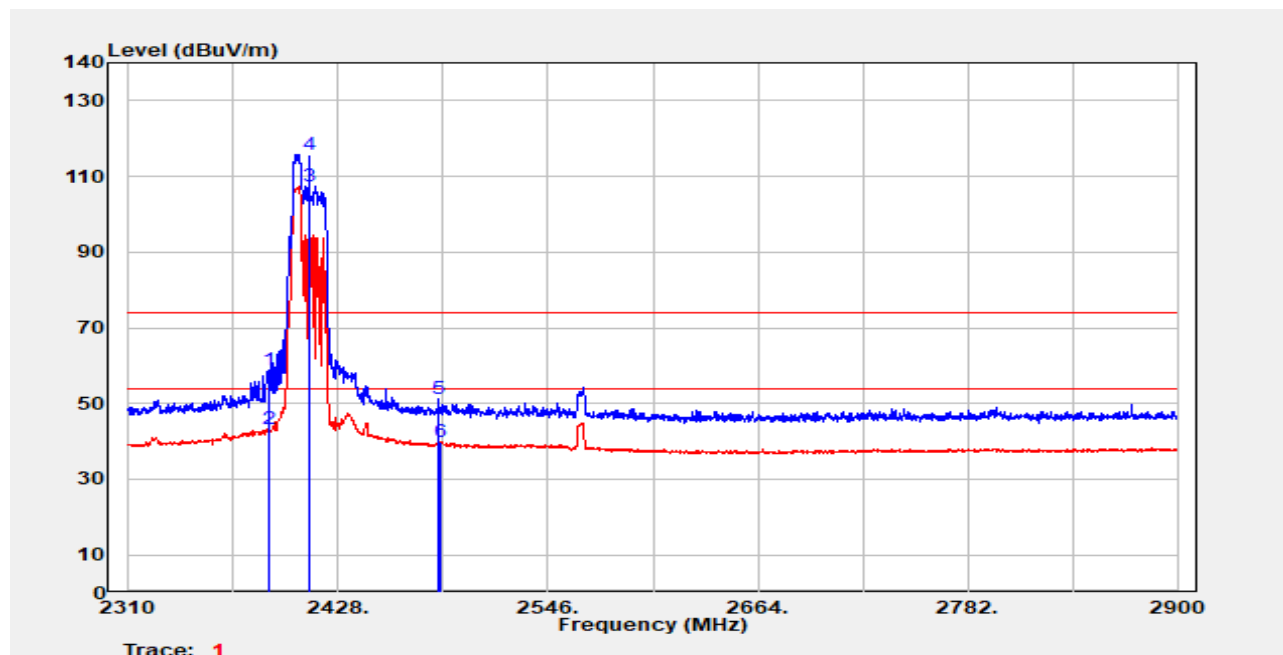
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Report Number :TERF2507002421E2
Operation Mode :802.11ax20 RU 52/37
Test Frequency :2412 MHz
Test Mode :Bandedge
EUT Pol :NB Mode

Test Site :SAC C
Test Date :2025-08-05
Temp./Humi. :22.8°C/54%
Antenna Pol. :Horizontal
Engineer :Alex Li



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2389.09	Peak	62.68	-3.93	58.75	74.00	-15.25
2389.28	Average	47.24	-3.93	43.31	54.00	-10.69
2412.00	Average	111.27	-4.02	107.25	-	-
2412.00	Peak	119.91	-4.02	115.89	-	-
2484.11	Peak	55.23	-4.11	51.12	74.00	-22.88
2485.88	Average	43.93	-4.09	39.84	54.00	-14.16

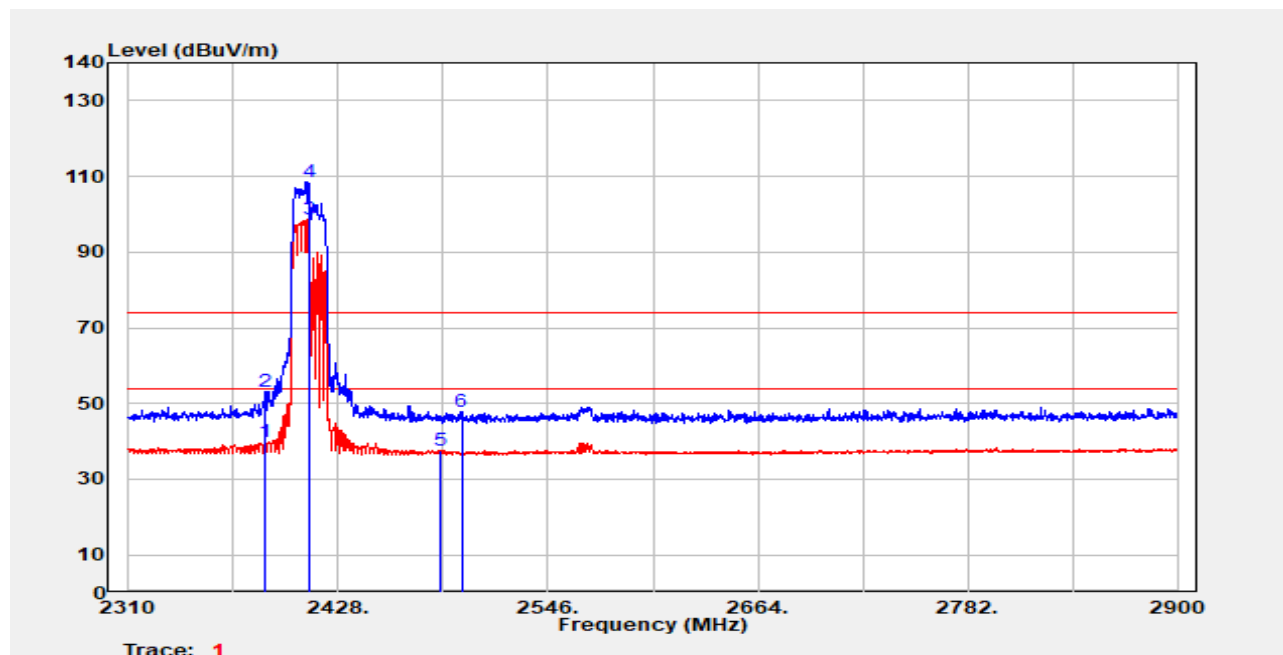
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Report Number :TERF2507002421E2
 Operation Mode :802.11ax20 RU 106/53
 Test Frequency :2412 MHz
 Test Mode :Bandedge
 EUT Pol :NB Mode

Test Site :SAC C
 Test Date :2025-08-05
 Temp./Humi. :22.8°C/54%
 Antenna Pol. :Vertical
 Engineer :Alex Li



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	Average	43.64	-3.92	39.72	54.00	-14.28
2386.92	Peak	57.01	-3.92	53.09	74.00	-20.91
2412.00	Average	102.51	-4.02	98.49	-	-
2412.00	Peak	112.67	-4.02	108.65	-	-
2484.90	Average	41.64	-4.10	37.54	54.00	-16.46
2497.29	Peak	52.00	-4.13	47.87	74.00	-26.13

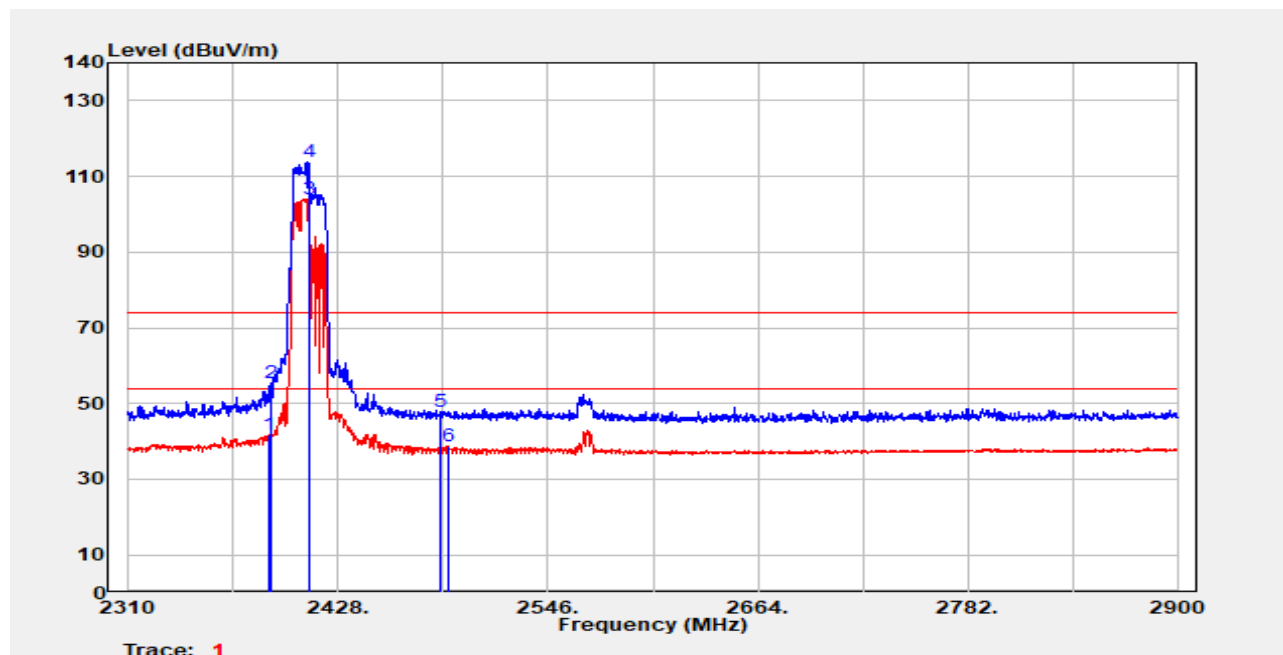
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Report Number :TERF2507002421E2
Operation Mode :802.11ax20 RU 106/53
Test Frequency :2412 MHz
Test Mode :Bandedge
EUT Pol :NB Mode

Test Site :SAC C
Test Date :2025-08-05
Temp./Humi. :22.8°C/54%
Antenna Pol. :Horizontal
Engineer :Alex Li



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	45.59	-3.92	41.67	54.00	-12.33
2389.87	Peak	59.36	-3.92	55.44	74.00	-18.56
2412.00	Average	108.09	-4.02	104.07	-	-
2412.00	Peak	117.72	-4.02	113.70	-	-
2485.88	Peak	51.98	-4.09	47.89	74.00	-26.11
2489.62	Average	42.77	-4.06	38.71	54.00	-15.29

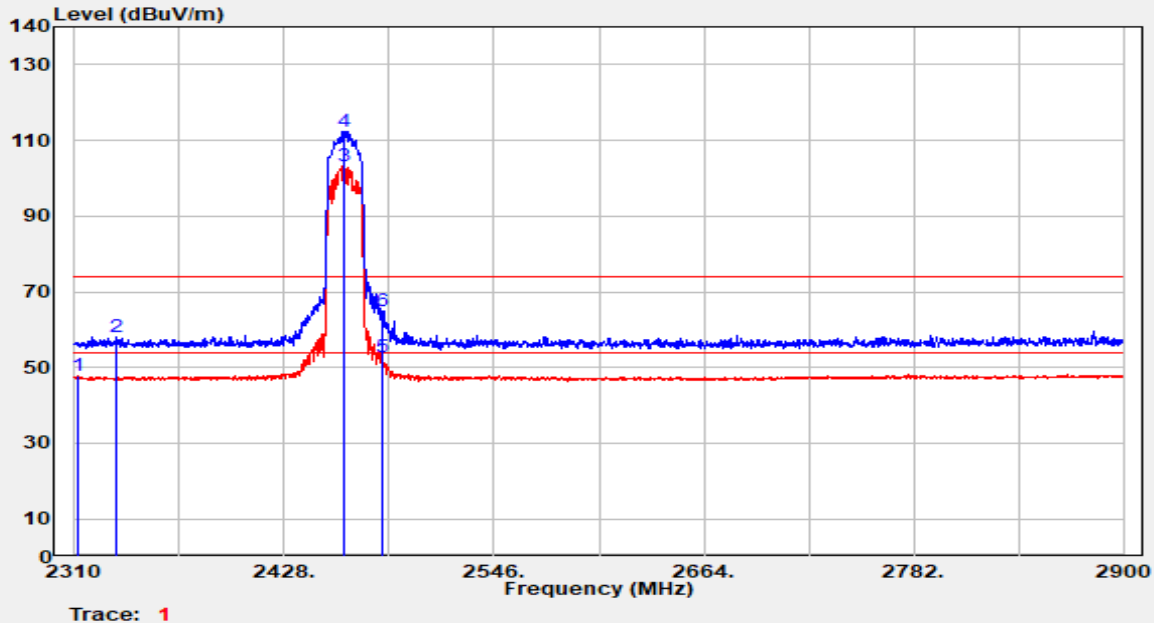
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Report Number :TERF2507002421E2
 Operation Mode :802.11ax20 RU Full
 Test Frequency :2462 MHz
 Test Mode :Bandedge
 EUT Pol :NB Mode

Test Site :SAC C
 Test Date :2025-07-31
 Temp./Humi. :25.1°C/51%
 Antenna Pol. :Vertical
 Engineer :Alex Li



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2312.16	Average	51.41	-3.69	47.72	54.00	-6.28
2333.81	Peak	62.00	-3.77	58.23	74.00	-15.77
2462.00	Average	107.36	-4.16	103.20	-	-
2462.00	Peak	116.47	-4.16	112.31	-	-
2483.50	Average	56.94	-4.12	52.82	54.00	-1.18
2483.50	Peak	69.14	-4.12	65.02	74.00	-8.98

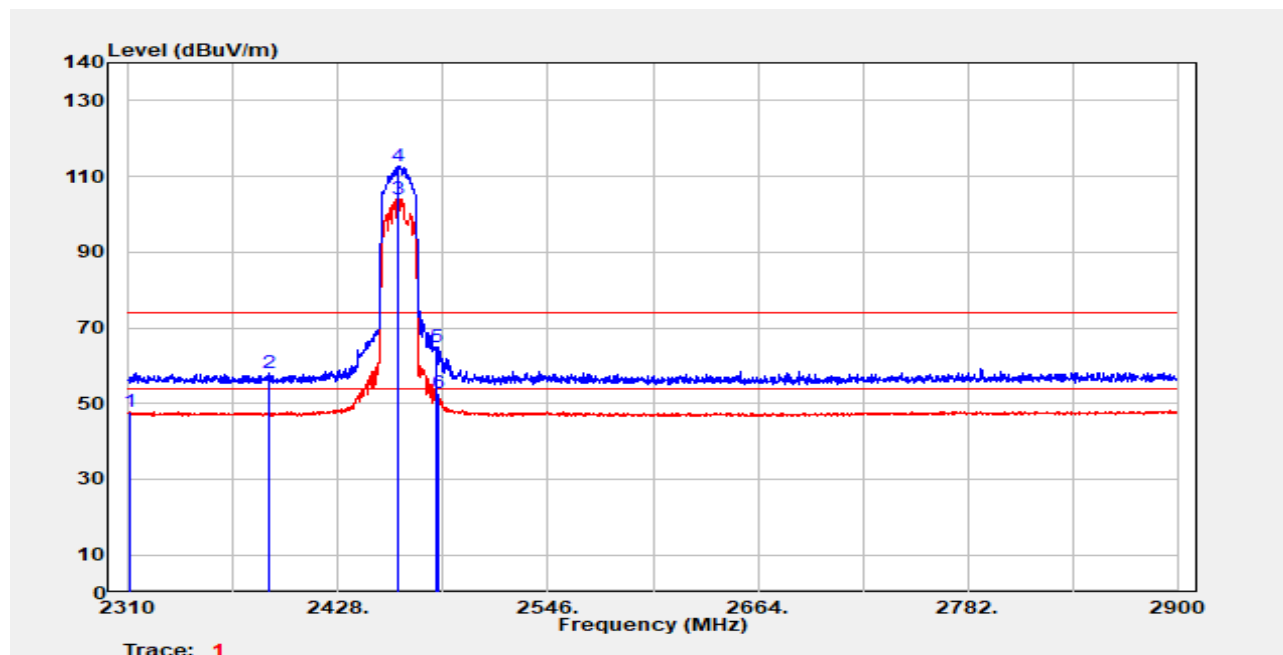
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Report Number :TERF2507002421E2
 Operation Mode :802.11ax20 RU Full
 Test Frequency :2462 MHz
 Test Mode :Bandedge
 EUT Pol :NB Mode

Test Site :SAC C
 Test Date :2025-07-31
 Temp./Humi. :25.1°C/51%
 Antenna Pol. :Horizontal
 Engineer :Alex Li



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2310.20	Average	51.57	-3.70	47.87	54.00	-6.13
2389.09	Peak	61.86	-3.93	57.93	74.00	-16.07
2462.00	Average	108.12	-4.16	103.96	-	-
2462.00	Peak	116.85	-4.16	112.69	-	-
2483.50	Peak	69.18	-4.12	65.06	74.00	-8.94
2483.91	Average	57.01	-4.11	52.90	54.00	-1.10

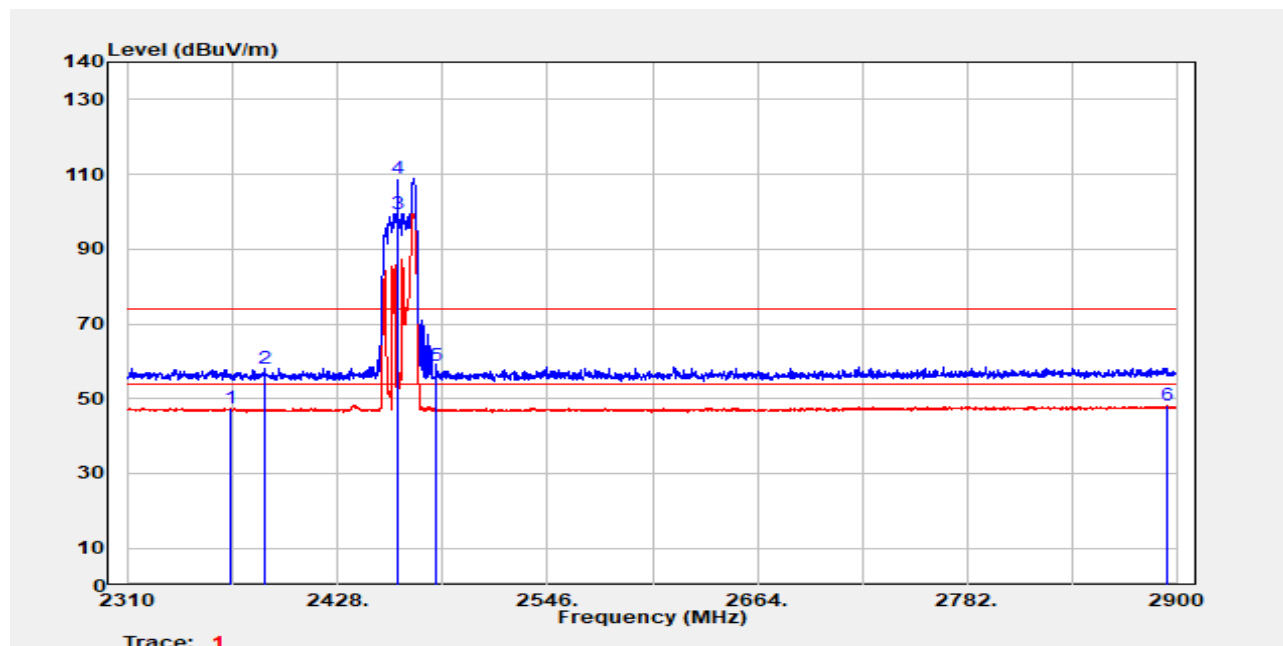
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Report Number :TERF2507002421E2
 Operation Mode :802.11ax20 RU 26/8
 Test Frequency :2462 MHz
 Test Mode :Bandedge
 EUT Pol :NB Mode

Test Site :SAC C
 Test Date :2025-07-31
 Temp./Humi. :25.1°C/51%
 Antenna Pol. :Vertical
 Engineer :Alex Li



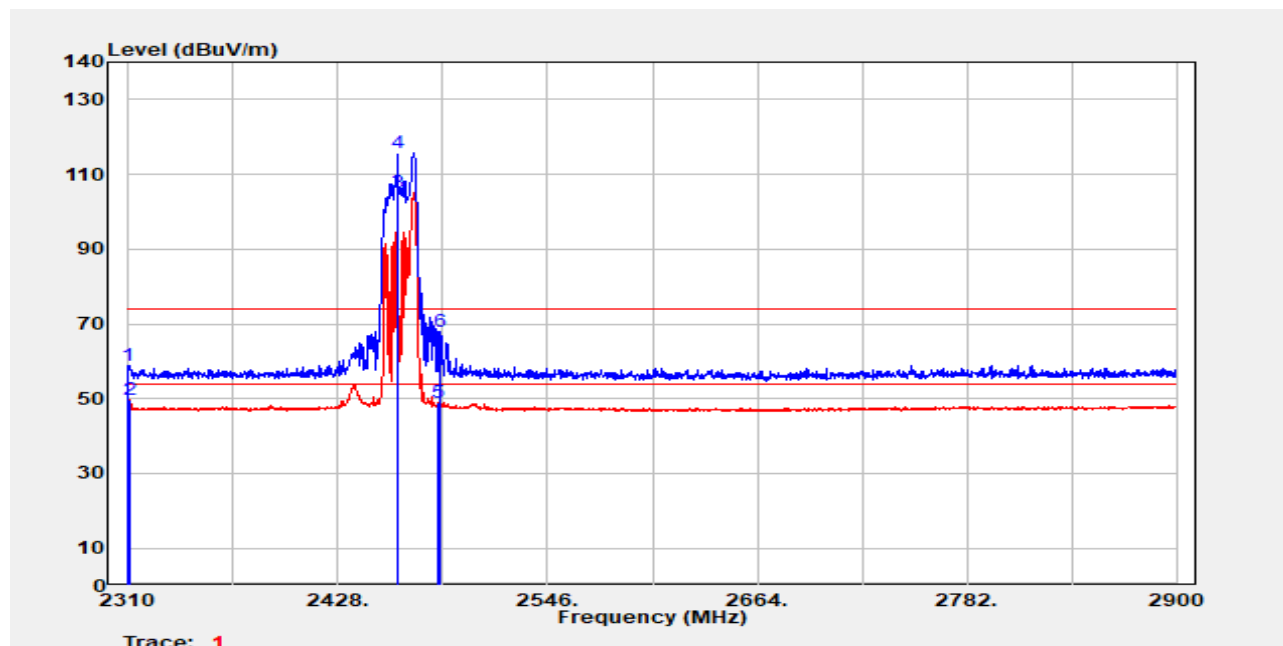
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2367.64	Average	51.24	-3.85	47.39	54.00	-6.61
2386.92	Peak	62.15	-3.92	58.23	74.00	-15.77
2462.00	Average	103.63	-4.16	99.47	-	-
2462.00	Peak	112.86	-4.16	108.70	-	-
2483.50	Peak	62.87	-4.12	58.75	74.00	-15.25
2894.89	Average	50.83	-2.80	48.03	54.00	-5.97

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Report Number :TERF2507002421E2
 Operation Mode :802.11ax20 RU 26/8
 Test Frequency :2462 MHz
 Test Mode :Bandedge
 EUT Pol :NB Mode

Test Site :SAC C
 Test Date :2025-07-31
 Temp./Humi. :25.1°C/51%
 Antenna Pol. :Horizontal
 Engineer :Alex Li



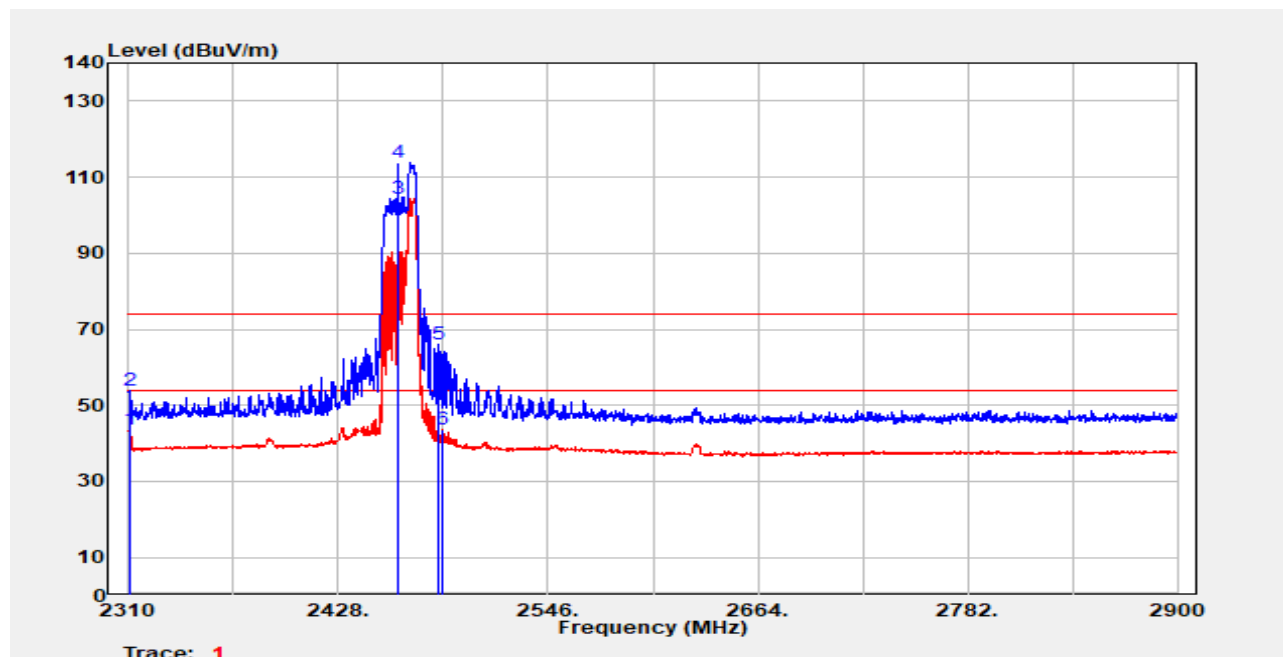
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2310.00	Peak	62.36	-3.70	58.66	74.00	-15.34
2310.79	Average	53.46	-3.69	49.77	54.00	-4.23
2462.00	Average	109.35	-4.16	105.19	-	-
2462.00	Peak	119.77	-4.16	115.61	-	-
2484.11	Average	53.20	-4.11	49.09	54.00	-4.91
2484.90	Peak	72.05	-4.10	67.95	74.00	-6.05

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Report Number :TERF2507002421E2
Operation Mode :802.11ax20 RU 52/40
Test Frequency :2462 MHz
Test Mode :Bandedge
EUT Pol :NB Mode

Test Site :SAC C
Test Date :2025-08-05
Temp./Humi. :22.8°C/54%
Antenna Pol. :Vertical
Engineer :Alex Li



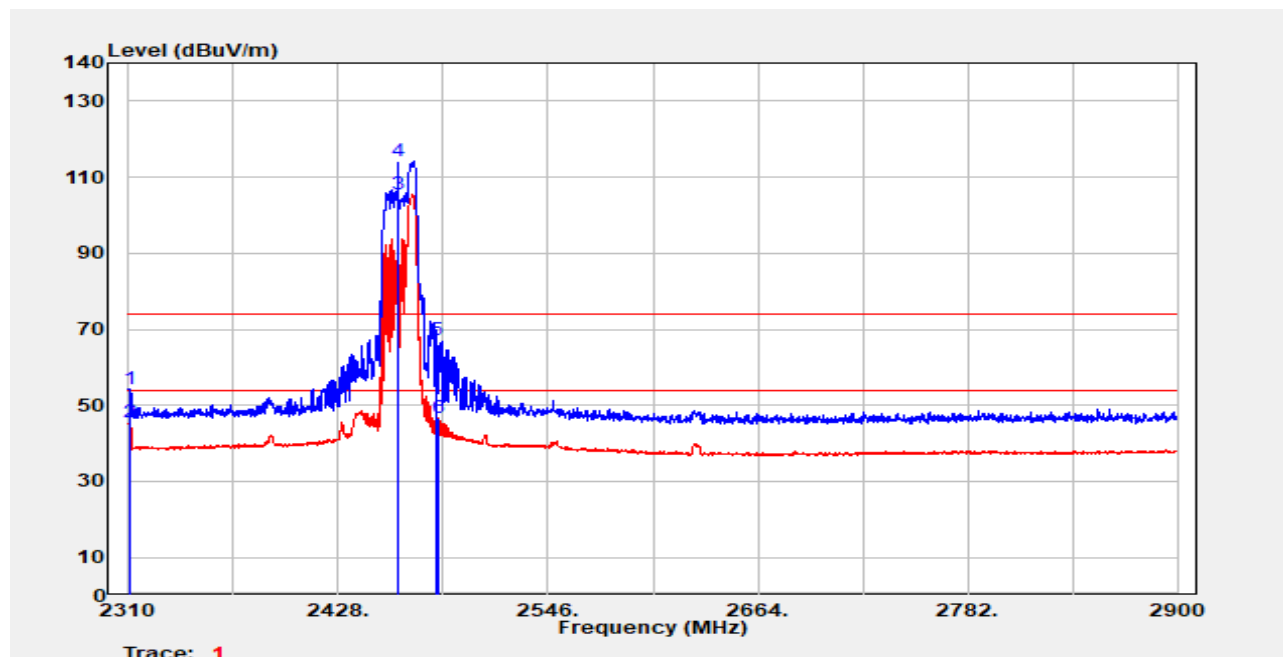
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2310.20	Average	47.18	-3.70	43.48	54.00	-10.52
2310.20	Peak	57.59	-3.70	53.89	74.00	-20.11
2462.00	Average	108.41	-4.16	104.25	-	-
2462.00	Peak	117.80	-4.16	113.64	-	-
2484.11	Peak	69.98	-4.11	65.87	74.00	-8.13
2486.08	Average	47.77	-4.09	43.68	54.00	-10.32

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Report Number :TERF2507002421E2
 Operation Mode :802.11ax20 RU 52/40
 Test Frequency :2462 MHz
 Test Mode :Bandedge
 EUT Pol :NB Mode

Test Site :SAC C
 Test Date :2025-08-05
 Temp./Humi. :22.8°C/54%
 Antenna Pol. :Horizontal
 Engineer :Alex Li



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2310.59	Peak	58.01	-3.70	54.31	74.00	-19.69
2310.79	Average	49.28	-3.69	45.59	54.00	-8.41
2462.00	Average	109.60	-4.16	105.44	-	-
2462.00	Peak	118.31	-4.16	114.15	-	-
2483.50	Peak	71.39	-4.12	67.27	74.00	-6.73
2483.91	Average	50.67	-4.11	46.56	54.00	-7.44

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t (886-2) 2299-3279

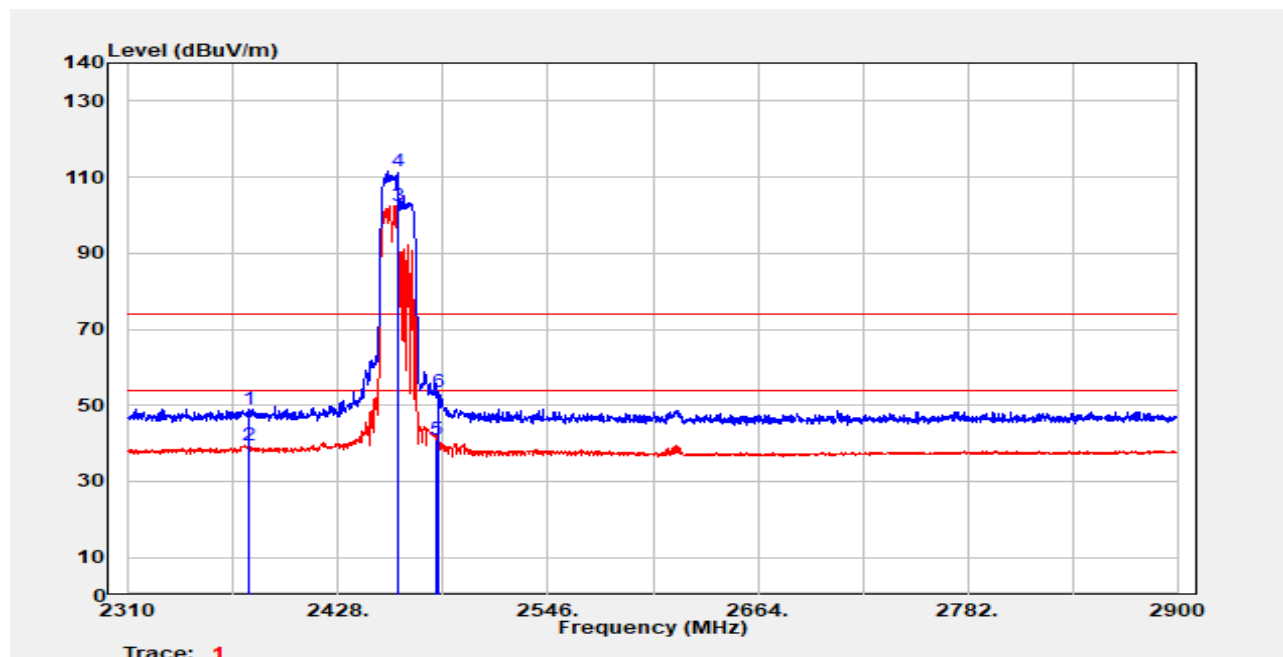
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Report Number :TERF2507002421E2
Operation Mode :802.11ax20 RU 106/54
Test Frequency :2462 MHz
Test Mode :Bandedge
EUT Pol :NB Mode

Test Site :SAC C
Test Date :2025-08-05
Temp./Humi. :22.8°C/54%
Antenna Pol. :Vertical
Engineer :Alex Li



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2377.28	Peak	52.93	-3.90	49.03	74.00	-24.97
2378.07	Average	43.30	-3.91	39.39	54.00	-14.61
2462.00	Average	106.75	-4.16	102.59	-	-
2462.00	Peak	115.79	-4.16	111.63	-	-
2483.50	Average	45.08	-4.12	40.96	54.00	-13.04
2484.50	Peak	57.70	-4.10	53.60	74.00	-20.40

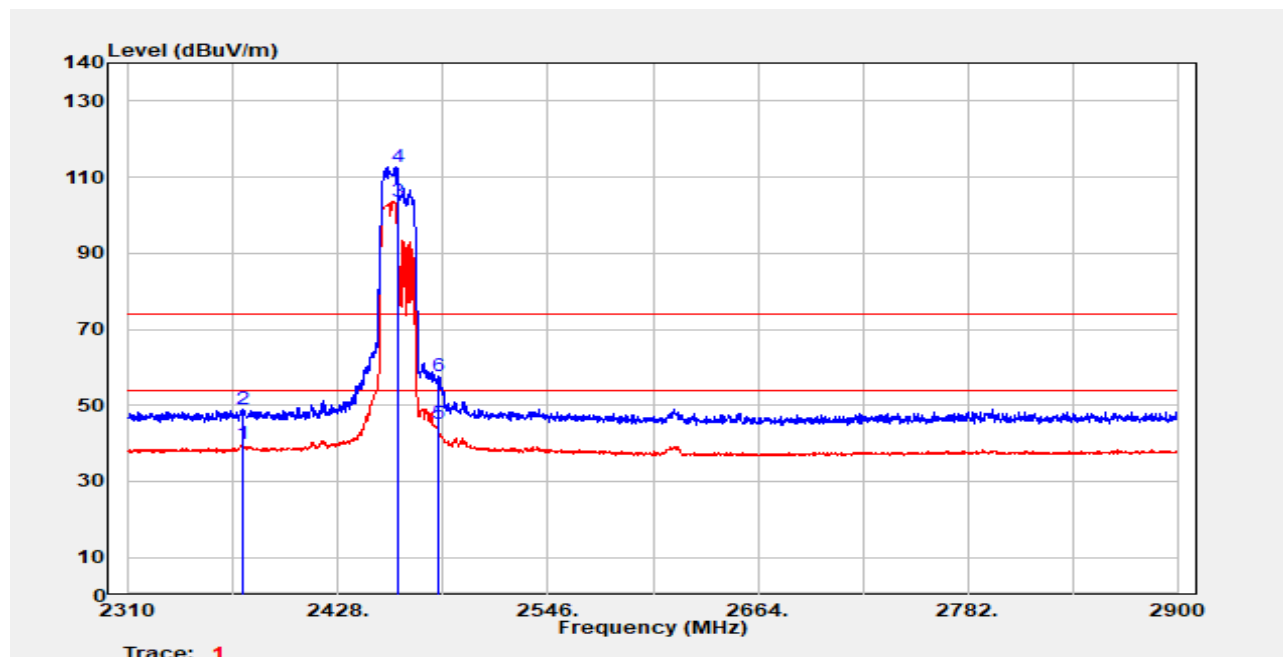
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Report Number :TERF2507002421E2
Operation Mode :802.11ax20 RU 106/54
Test Frequency :2462 MHz
Test Mode :Bandedge
EUT Pol :NB Mode

Test Site :SAC C
Test Date :2025-08-05
Temp./Humi. :22.8°C/54%
Antenna Pol. :Horizontal
Engineer :Alex Li



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2373.74	Average	43.56	-3.88	39.68	54.00	-14.32
2374.53	Peak	52.65	-3.89	48.76	74.00	-25.24
2462.00	Average	107.60	-4.16	103.44	-	-
2462.00	Peak	116.99	-4.16	112.83	-	-
2483.91	Average	49.32	-4.11	45.21	54.00	-8.79
2484.50	Peak	61.63	-4.10	57.53	74.00	-16.47

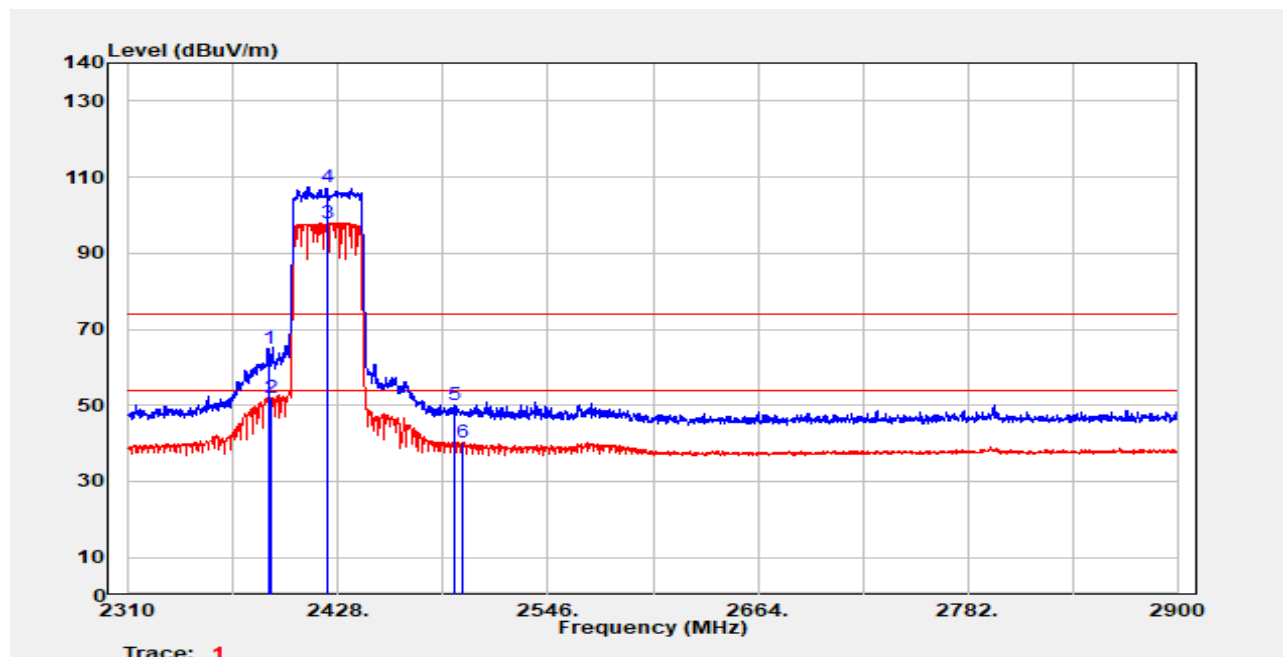
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Report Number :TERF2507002421E2
 Operation Mode :802.11ax40 RU Full
 Test Frequency :2422 MHz
 Test Mode :Bandedge
 EUT Pol :NB Mode

Test Site :SAC C
 Test Date :2025-08-05
 Temp./Humi. :23.2°C/54%
 Antenna Pol. :Vertical
 Engineer :Alex Li



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2388.50	Peak	68.90	-3.93	64.97	74.00	-9.03
2389.68	Average	56.00	-3.92	52.08	54.00	-1.92
2422.00	Average	102.07	-4.02	98.05	-	-
2422.00	Peak	111.41	-4.02	107.39	-	-
2493.75	Peak	54.35	-4.10	50.25	74.00	-23.75
2497.68	Average	44.51	-4.14	40.37	54.00	-13.63

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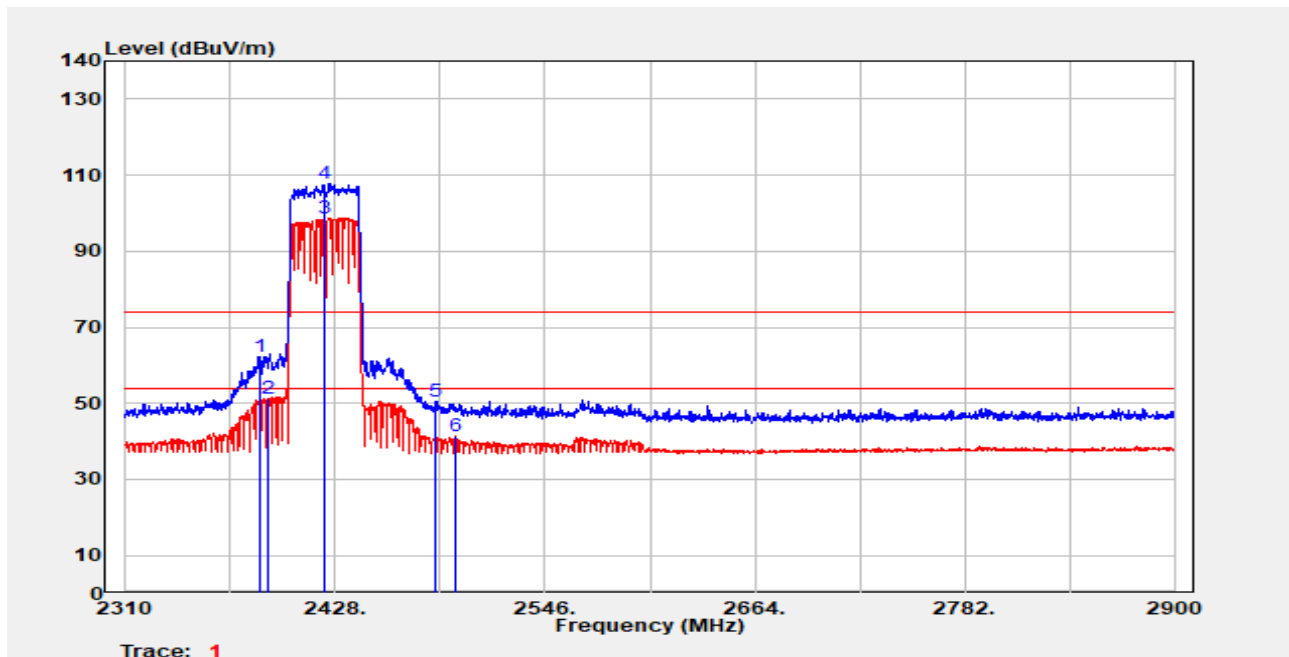
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Report Number :TERF2507002421E2
 Operation Mode :802.11ax40 RU Full
 Test Frequency :2422 MHz
 Test Mode :Bandedge
 EUT Pol :NB Mode

Test Site :SAC C
 Test Date :2025-08-05
 Temp./Humi. :23.2°C/54%
 Antenna Pol. :Horizontal
 Engineer :Alex Li



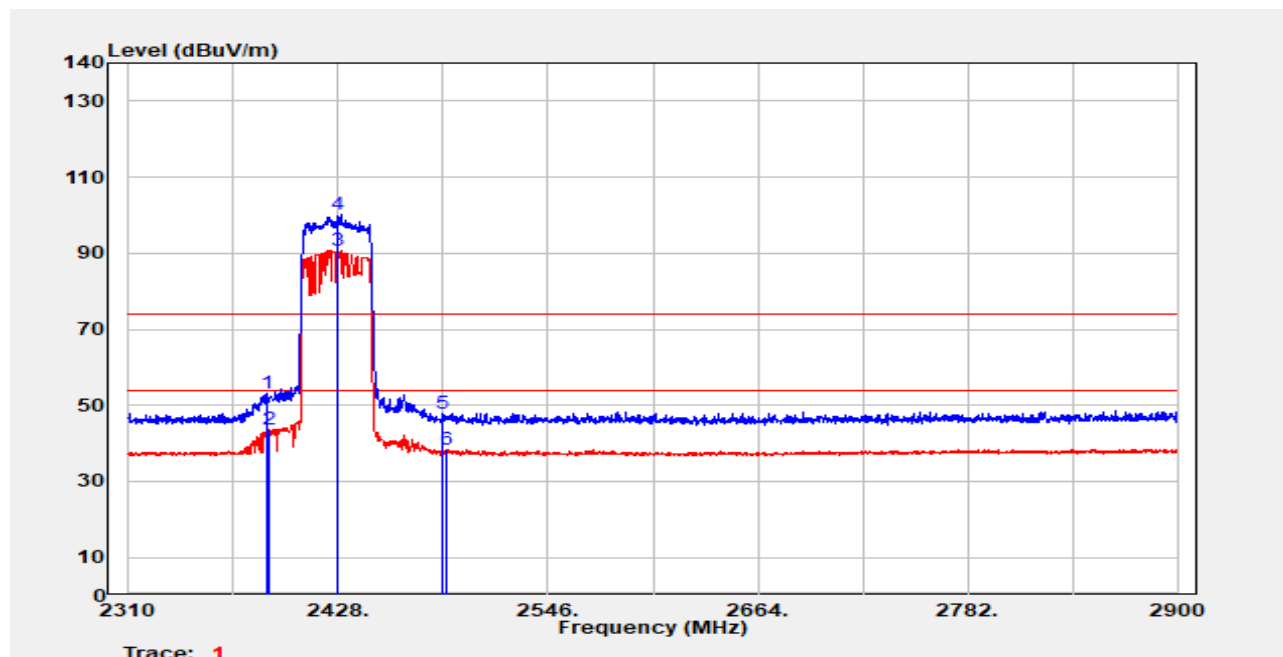
Freq. MHz	Detector Mode	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2385.15	Peak	66.29	-3.92	62.37	74.00	-11.63
2389.68	Average	55.02	-3.92	51.10	54.00	-2.90
2422.00	Average	102.75	-4.02	98.73	-	-
2422.00	Peak	111.88	-4.02	107.86	-	-
2484.70	Peak	54.66	-4.10	50.56	74.00	-23.44
2495.32	Average	45.50	-4.10	41.40	54.00	-12.60

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Report Number :TERF2507002421E2
Operation Mode :802.11ax40 RU Full
Test Frequency :2427 MHz
Test Mode :Bandedge
EUT Pol :NB Mode

Test Site :SAC C
Test Date :2025-08-07
Temp./Humi. :23.5°C/51%
Antenna Pol. :Vertical
Engineer :Alex Li



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2388.10	Peak	56.98	-3.93	53.05	74.00	-20.95
2389.28	Average	47.40	-3.93	43.47	54.00	-10.53
2427.00	Average	94.69	-4.03	90.66	-	-
2427.00	Peak	104.04	-4.03	100.01	-	-
2486.86	Peak	51.97	-4.08	47.89	74.00	-26.11
2489.22	Average	42.32	-4.07	38.25	54.00	-15.75

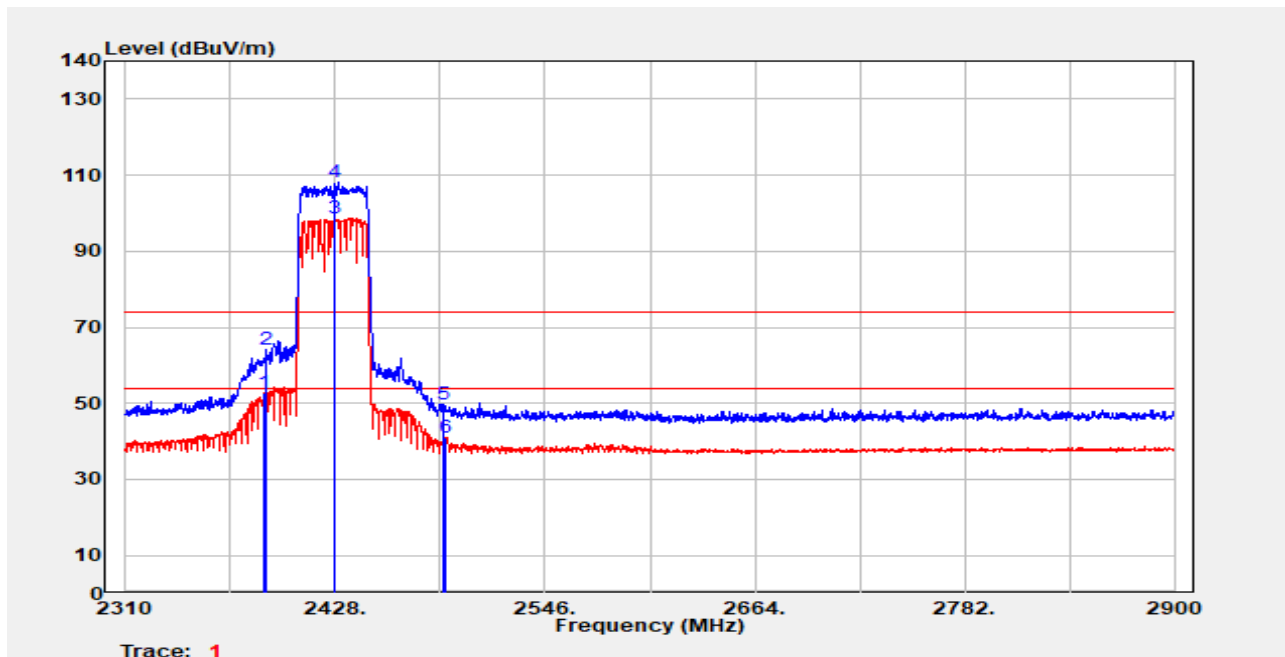
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Report Number :TERF2507002421E2
Operation Mode :802.11ax40 RU Full
Test Frequency :2427 MHz
Test Mode :Bandedge
EUT Pol :NB Mode

Test Site :SAC C
Test Date :2025-08-07
Temp./Humi. :23.5°C/51%
Antenna Pol. :Horizontal
Engineer :Alex Li



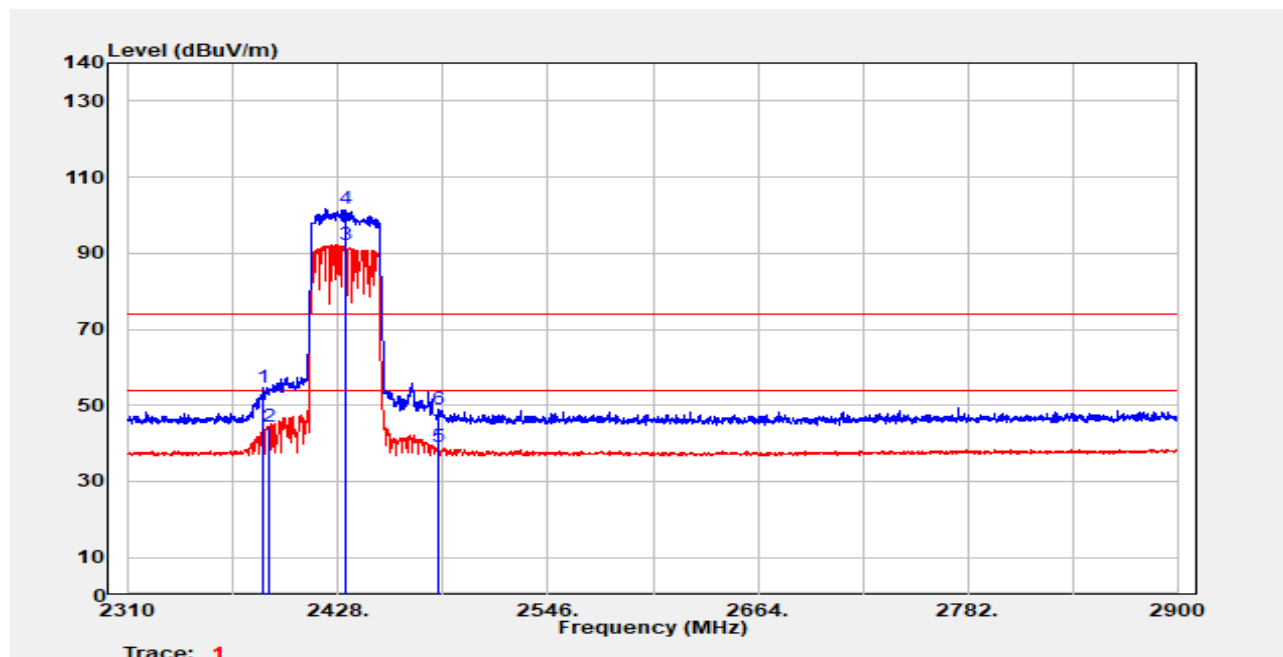
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2388.30	Average	56.66	-3.93	52.73	54.00	-1.27
2388.89	Peak	68.20	-3.93	64.27	74.00	-9.73
2427.00	Average	102.71	-4.03	98.68	-	-
2427.00	Peak	111.99	-4.03	107.96	-	-
2488.24	Peak	53.90	-4.07	49.83	74.00	-24.17
2490.01	Average	45.00	-4.06	40.94	54.00	-13.06

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Report Number :TERF2507002421E2
 Operation Mode :802.11ax40 RU Full
 Test Frequency :2432 MHz
 Test Mode :Bandedge
 EUT Pol :NB Mode

Test Site :SAC C
 Test Date :2025-08-07
 Temp./Humi. :23.5°C/51%
 Antenna Pol. :Vertical
 Engineer :Alex Li



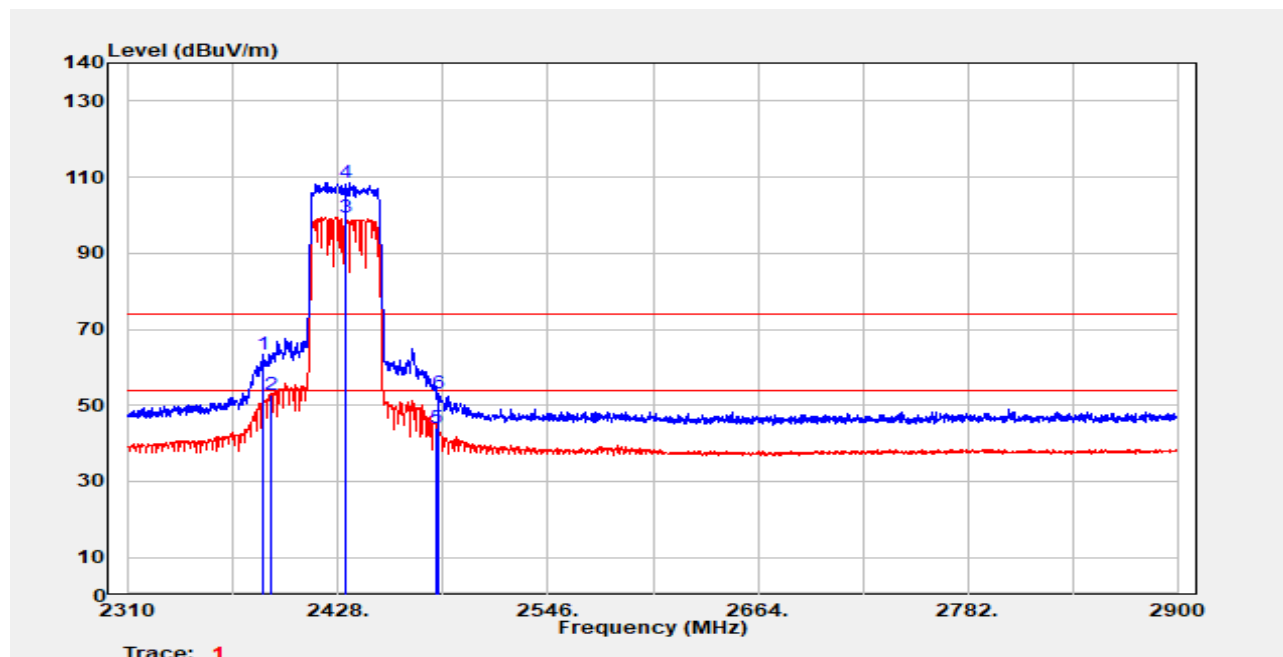
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2385.74	Peak	58.68	-3.92	54.76	74.00	-19.24
2388.69	Average	48.47	-3.93	44.54	54.00	-9.46
2432.00	Average	96.35	-4.02	92.33	-	-
2432.00	Peak	105.67	-4.02	101.65	-	-
2483.72	Average	43.13	-4.11	39.02	54.00	-14.98
2484.11	Peak	53.23	-4.11	49.12	74.00	-24.88

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Report Number :TERF2507002421E2
 Operation Mode :802.11ax40 RU Full
 Test Frequency :2432 MHz
 Test Mode :Bandedge
 EUT Pol :NB Mode

Test Site :SAC C
 Test Date :2025-08-07
 Temp./Humi. :23.5°C/51%
 Antenna Pol. :Horizontal
 Engineer :Alex Li



Freq. MHz	Detector Mode	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2385.74	Peak	67.38	-3.92	63.46	74.00	-10.54
2389.87	Average	56.84	-3.92	52.92	54.00	-1.08
2432.00	Average	103.40	-4.02	99.38	-	-
2432.00	Peak	112.71	-4.02	108.69	-	-
2483.50	Average	48.27	-4.12	44.15	54.00	-9.85
2484.50	Peak	57.24	-4.10	53.14	74.00	-20.86

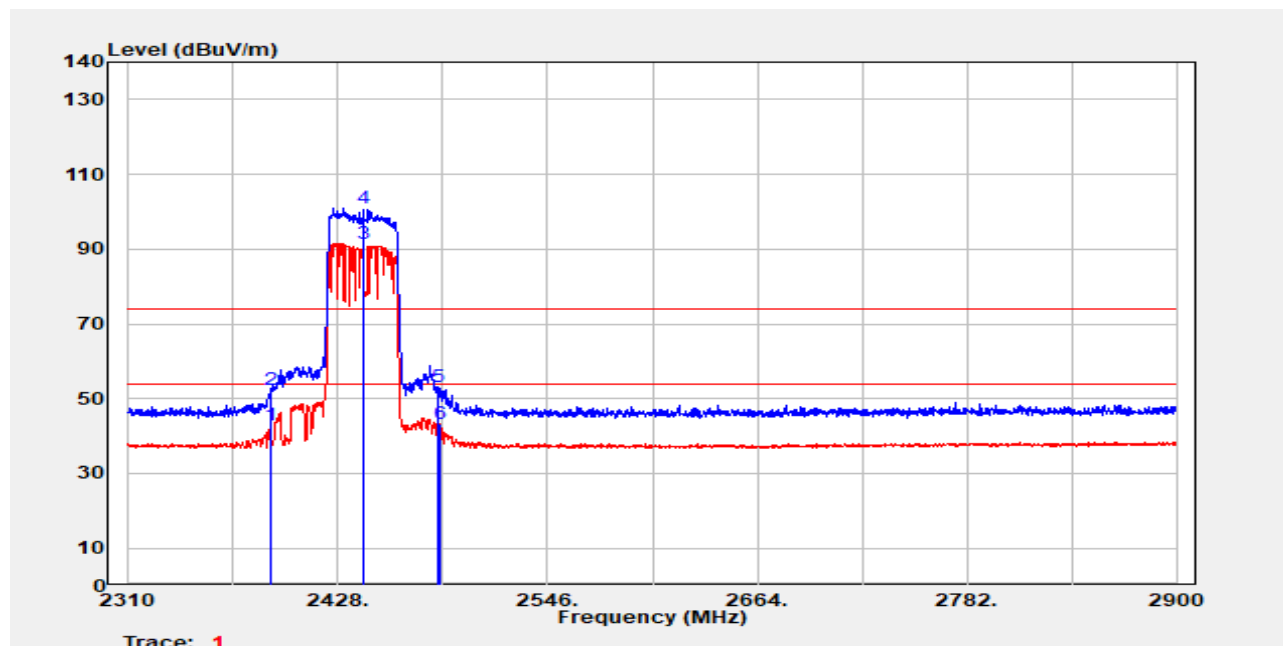
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Report Number :TERF2507002421E2
 Operation Mode :802.11ax40 RU Full
 Test Frequency :2442 MHz
 Test Mode :Bandedge
 EUT Pol :NB Mode

Test Site :SAC C
 Test Date :2025-08-07
 Temp./Humi. :23.5°C/51%
 Antenna Pol. :Vertical
 Engineer :Alex Li



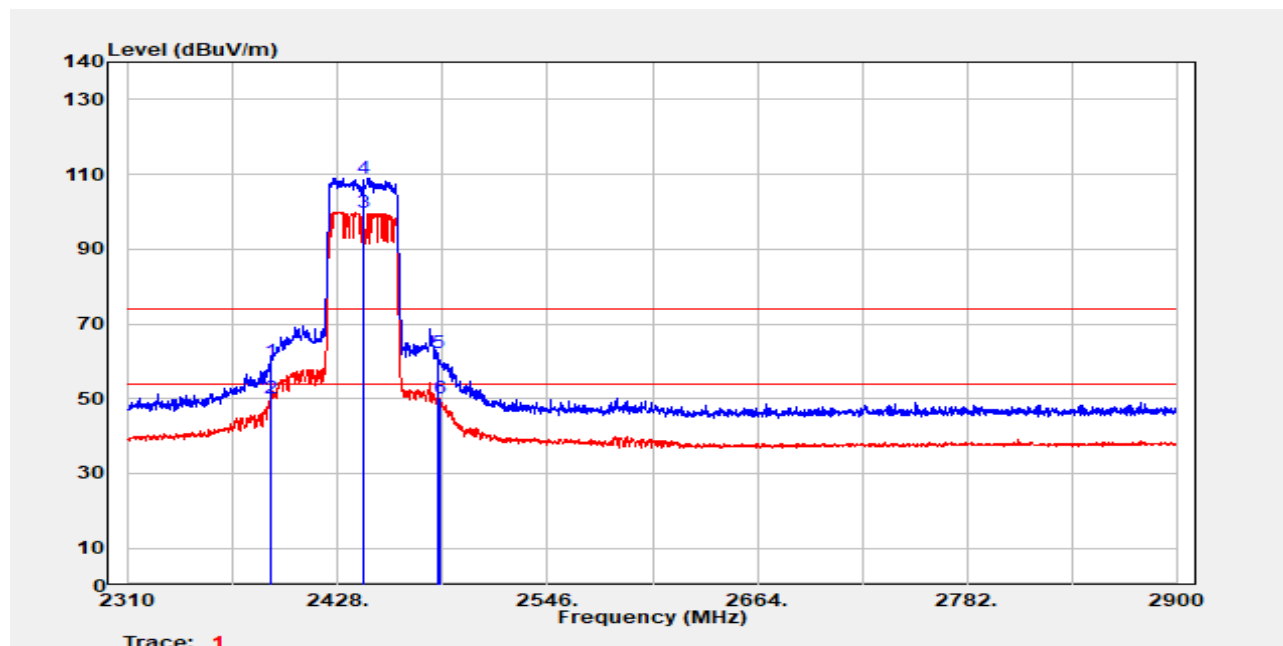
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2389.87	Average	46.80	-3.92	42.88	54.00	-11.12
2389.87	Peak	56.44	-3.92	52.52	74.00	-21.48
2442.00	Average	95.53	-4.03	91.50	-	-
2442.00	Peak	104.82	-4.03	100.79	-	-
2484.31	Peak	57.13	-4.11	53.02	74.00	-20.98
2485.09	Average	47.34	-4.10	43.24	54.00	-10.76

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Report Number :TERF2507002421E2
Operation Mode :802.11ax40 RU Full
Test Frequency :2442 MHz
Test Mode :Bandedge
EUT Pol :NB Mode

Test Site :SAC C
Test Date :2025-08-07
Temp./Humi. :23.5°C/51%
Antenna Pol. :Horizontal
Engineer :Alex Li



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	63.86	-3.92	59.94	74.00	-14.06
2389.87	Average	54.17	-3.92	50.25	54.00	-3.75
2442.00	Average	103.88	-4.03	99.85	-	-
2442.00	Peak	113.10	-4.03	109.07	-	-
2483.72	Peak	66.35	-4.11	62.24	74.00	-11.76
2485.29	Average	54.35	-4.10	50.25	54.00	-3.75

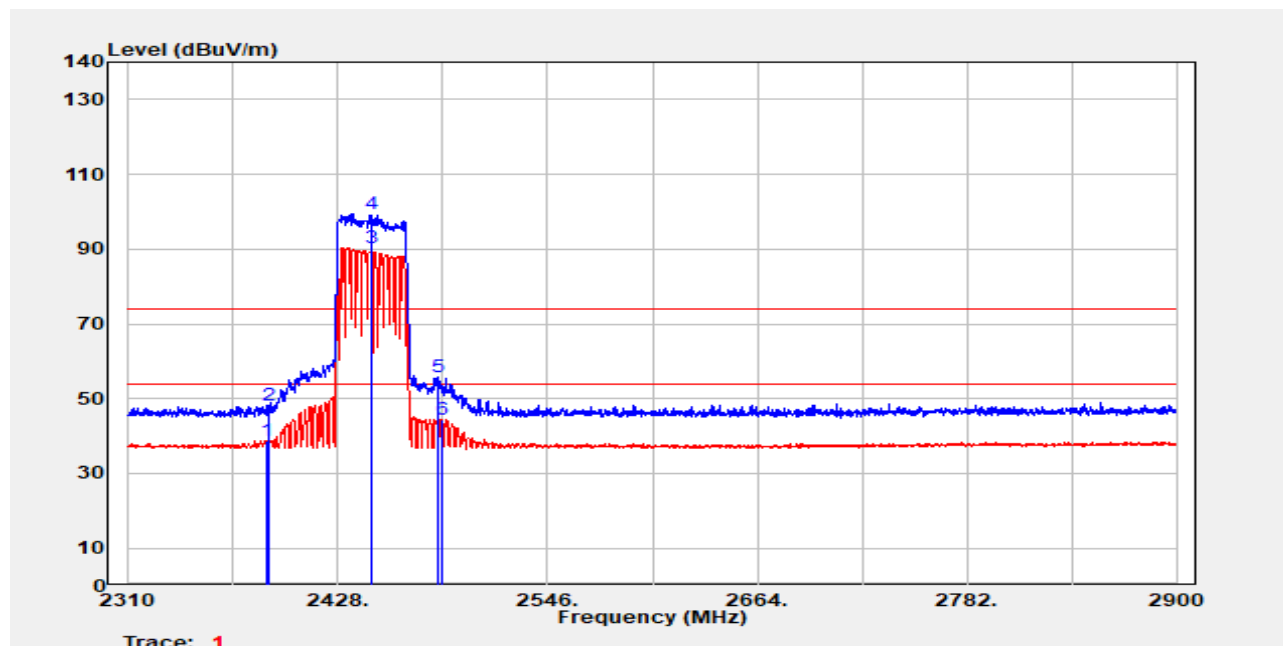
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Report Number :TERF2507002421E2
 Operation Mode :802.11ax40 RU Full
 Test Frequency :2447 MHz
 Test Mode :Bandedge
 EUT Pol :NB Mode

Test Site :SAC C
 Test Date :2025-08-07
 Temp./Humi. :23.5°C/51%
 Antenna Pol. :Vertical
 Engineer :Alex Li



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2387.32	Average	42.62	-3.92	38.70	54.00	-15.30
2388.50	Peak	52.09	-3.93	48.16	74.00	-25.84
2447.00	Average	94.44	-4.03	90.41	-	-
2447.00	Peak	103.61	-4.03	99.58	-	-
2484.50	Peak	59.96	-4.10	55.86	74.00	-18.14
2486.27	Average	48.57	-4.09	44.48	54.00	-9.52

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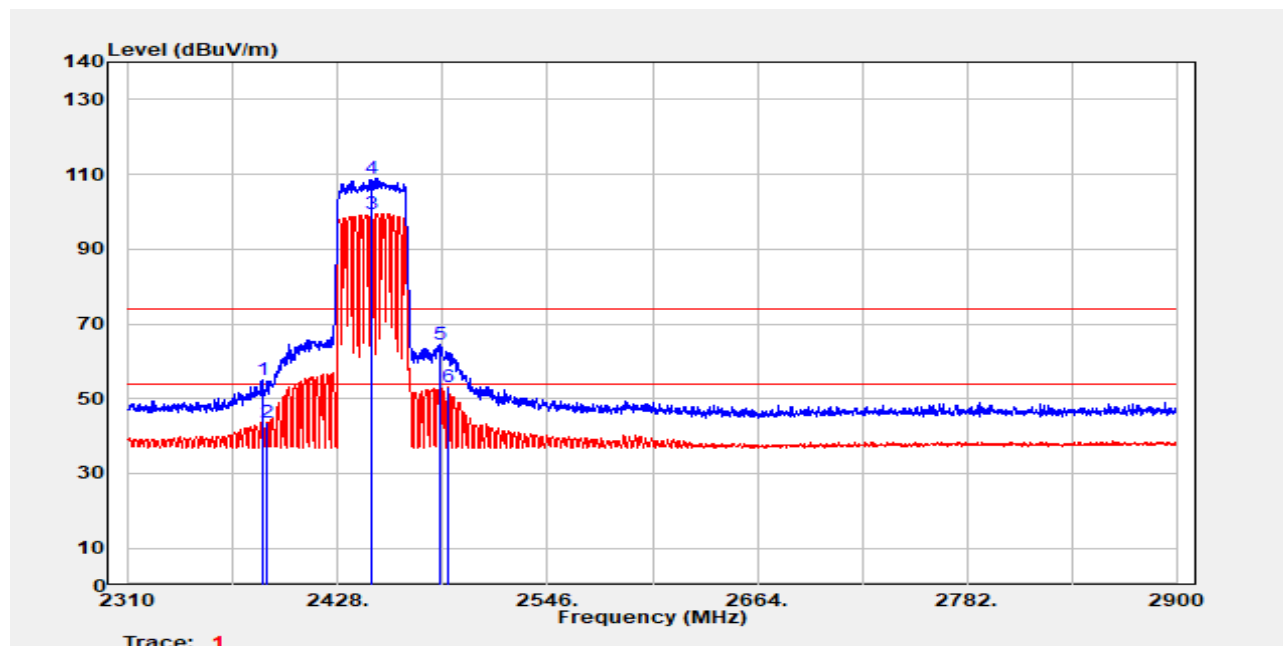
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Report Number :TERF2507002421E2
 Operation Mode :802.11ax40 RU Full
 Test Frequency :2447 MHz
 Test Mode :Bandedge
 EUT Pol :NB Mode

Test Site :SAC C
 Test Date :2025-08-07
 Temp./Humi. :23.5°C/51%
 Antenna Pol. :Horizontal
 Engineer :Alex Li



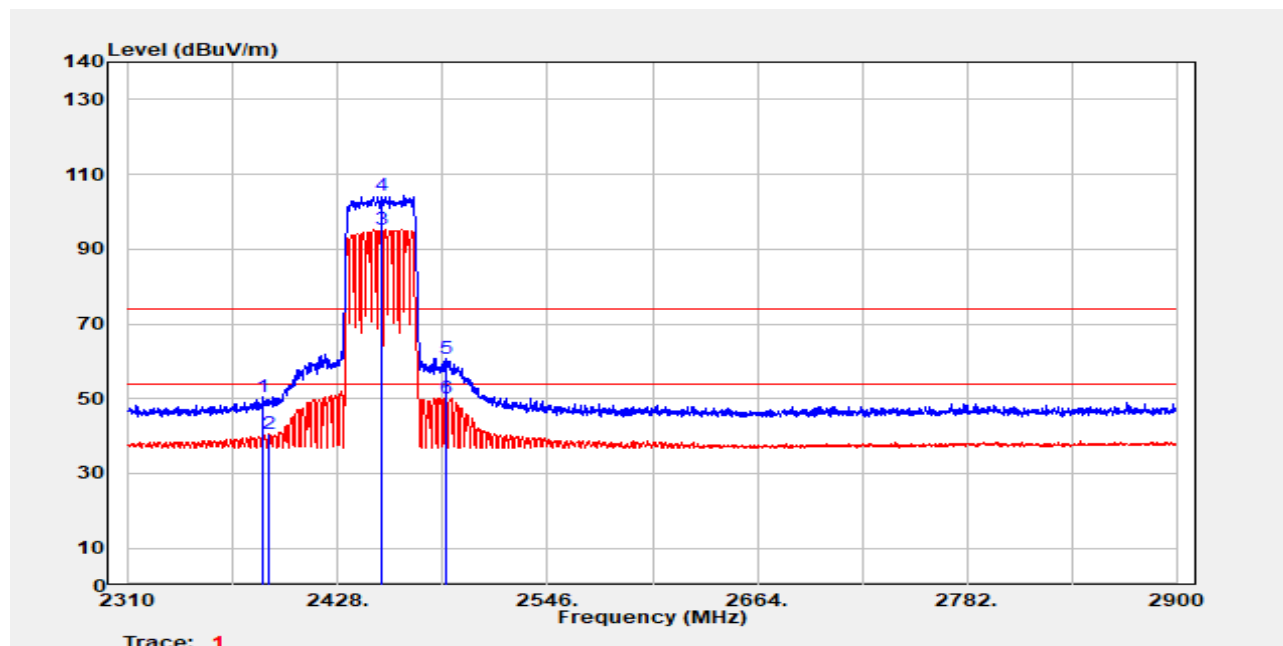
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2385.35	Peak	58.95	-3.92	55.03	74.00	-18.97
2388.10	Average	47.73	-3.93	43.80	54.00	-10.20
2447.00	Average	103.56	-4.03	99.53	-	-
2447.00	Peak	113.10	-4.03	109.07	-	-
2484.90	Peak	68.71	-4.10	64.61	74.00	-9.39
2490.21	Average	57.00	-4.06	52.94	54.00	-1.06

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Report Number :TERF2507002421E2
 Operation Mode :802.11ax40 RU Full
 Test Frequency :2452 MHz
 Test Mode :Bandedge
 EUT Pol :NB Mode

Test Site :SAC C
 Test Date :2025-08-05
 Temp./Humi. :23.2°C/54%
 Antenna Pol. :Vertical
 Engineer :Alex Li



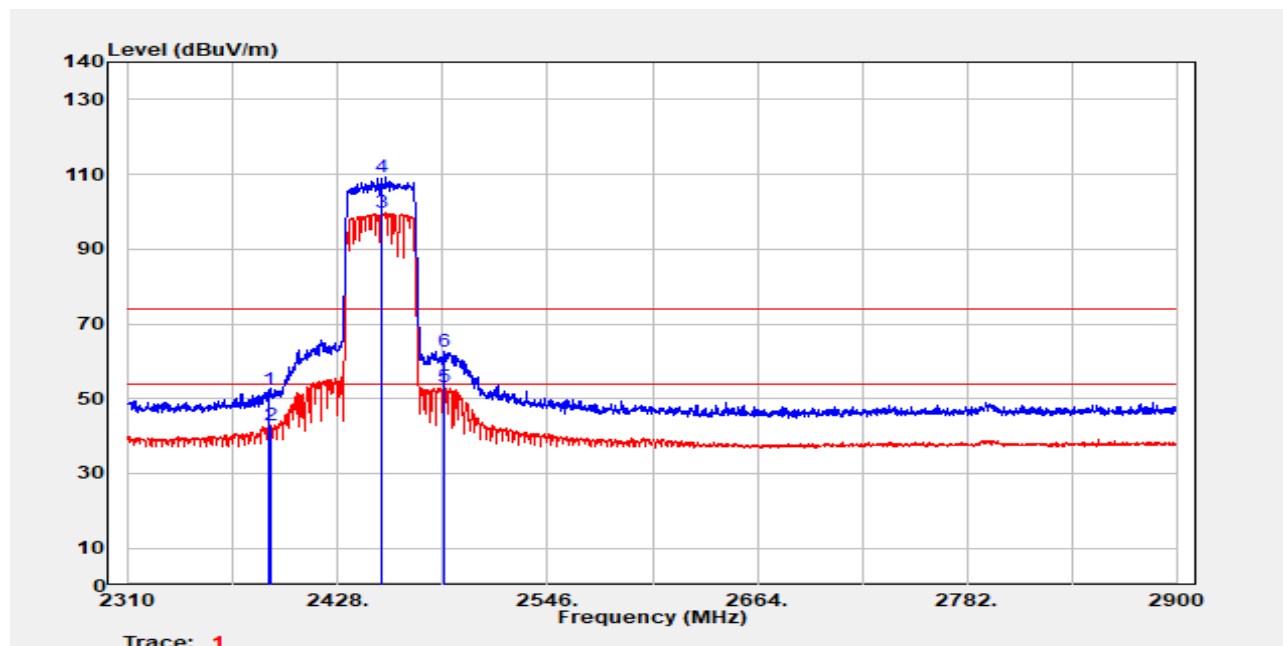
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2385.74	Peak	54.37	-3.92	50.45	74.00	-23.55
2389.28	Average	44.58	-3.93	40.65	54.00	-13.35
2452.00	Average	99.43	-4.06	95.37	-	-
2452.00	Peak	108.42	-4.06	104.36	-	-
2488.24	Peak	64.67	-4.07	60.60	74.00	-13.40
2488.44	Average	54.32	-4.07	50.25	54.00	-3.75

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Report Number :TERF2507002421E2
 Operation Mode :802.11ax40 RU Full
 Test Frequency :2452 MHz
 Test Mode :Bandedge
 EUT Pol :NB Mode

Test Site :SAC C
 Test Date :2025-08-05
 Temp./Humi. :23.2°C/54%
 Antenna Pol. :Horizontal
 Engineer :Alex Li



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	56.20	-3.92	52.28	74.00	-21.72
2389.87	Average	46.81	-3.92	42.89	54.00	-11.11
2452.00	Average	103.67	-4.06	99.61	-	-
2452.00	Peak	113.34	-4.06	109.28	-	-
2487.26	Average	57.02	-4.08	52.94	54.00	-1.06
2487.65	Peak	66.69	-4.07	62.62	74.00	-11.38

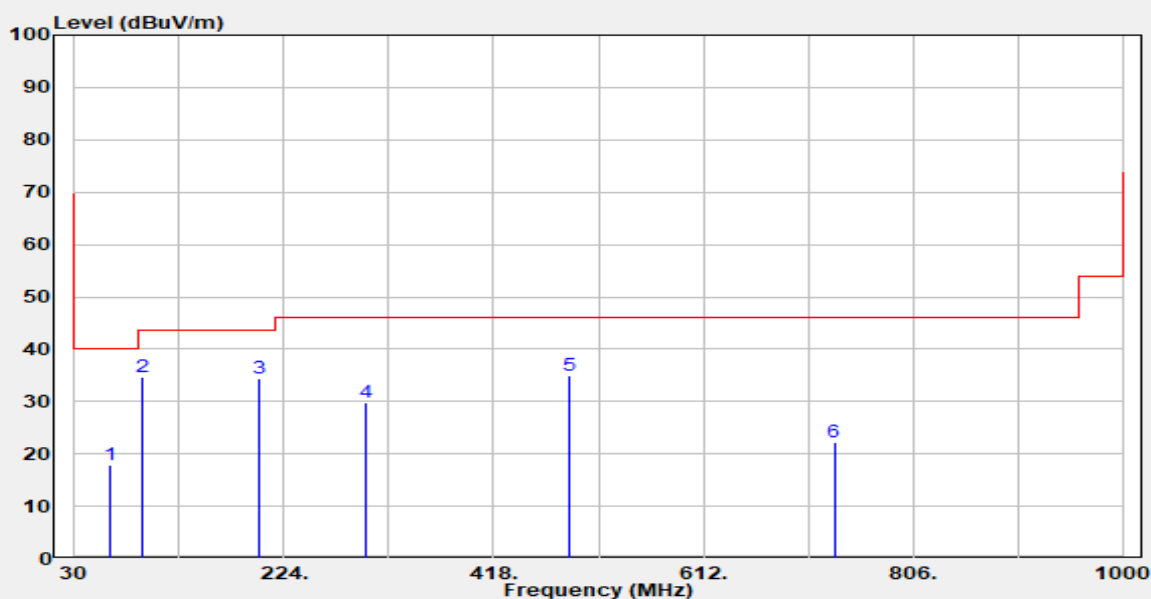
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8.6.2 Spurious Emission:

Report Number :TERF2507002421E2
 Operation Mode :802.11g
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :NB Mode

Test Site :SAC C
 Test Date :2025-08-08
 Temp./Humi. :22.8°C/53%
 Antenna Pol. :Vertical
 Engineer :Alex Li



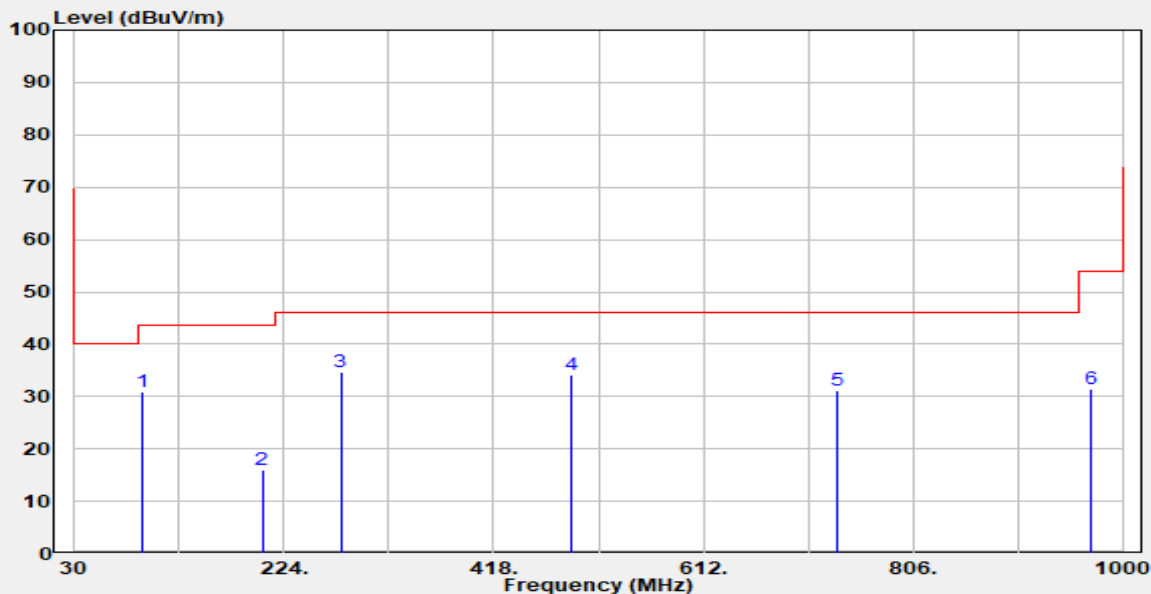
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
62.98	QP	31.01	-13.06	17.95	40.00	-22.05
92.08	Peak	52.67	-18.03	34.64	43.50	-8.86
200.72	Peak	49.54	-15.16	34.38	43.50	-9.12
299.66	Peak	40.80	-10.96	29.84	46.00	-16.16
488.81	Peak	41.19	-6.12	35.07	46.00	-10.93
733.25	QP	23.89	-1.54	22.35	46.00	-23.65

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Report Number :TERF2507002421E2
 Operation Mode :802.11g
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :NB Mode

Test Site :SAC C
 Test Date :2025-08-08
 Temp./Humi. :22.8°C/53%
 Antenna Pol. :Horizontal
 Engineer :Alex Li



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
92.08	Peak	48.87	-18.03	30.84	43.50	-12.66
203.63	QP	31.20	-15.20	16.00	43.50	-27.50
276.38	Peak	46.34	-11.56	34.78	46.00	-11.22
490.75	Peak	40.34	-6.08	34.26	46.00	-11.74
736.16	Peak	32.68	-1.45	31.23	46.00	-14.77
970.90	Peak	29.80	1.71	31.51	54.00	-22.49

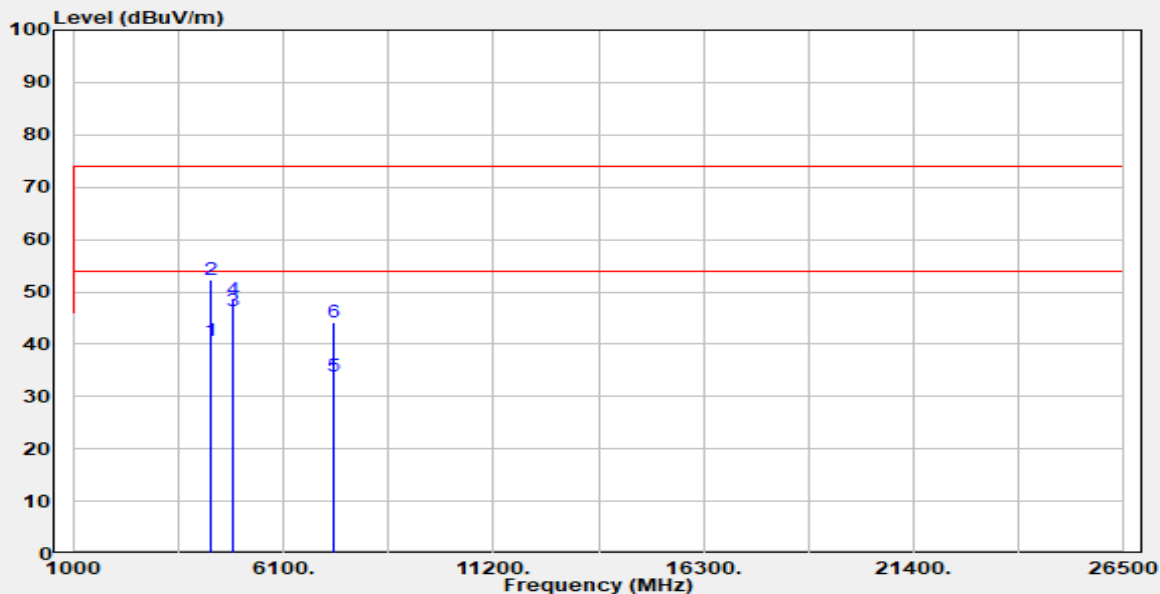
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Report Number :TERF2507002421E2
 Operation Mode :802.11b
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :NB Mode

Test Site :SAC C
 Test Date :2025-07-31
 Temp./Humi. :25.1°C/51%
 Antenna Pol. :Vertical
 Engineer :Alex Li



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4305.00	Average	41.47	-0.86	40.61	54.00	-13.39
4305.00	Peak	53.06	-0.86	52.20	74.00	-21.80
4874.00	Average	46.18	0.27	46.45	54.00	-7.55
4874.00	Peak	48.37	0.27	48.64	74.00	-25.36
7311.00	Average	27.32	6.55	33.87	54.00	-20.13
7311.00	Peak	37.67	6.55	44.22	74.00	-29.78

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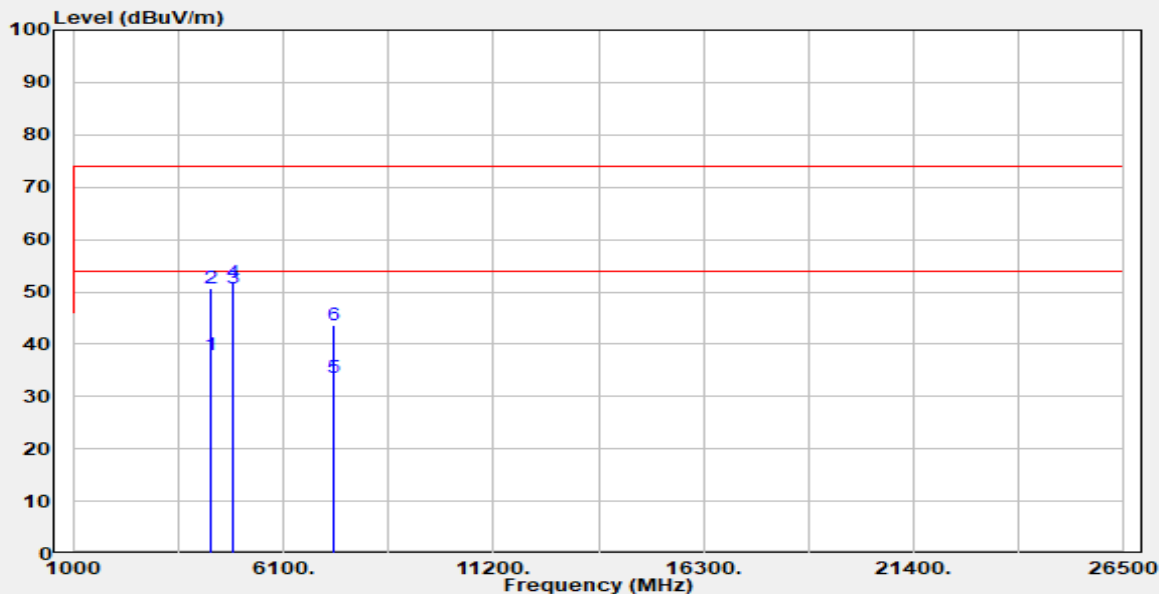
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Report Number :TERF2507002421E2
 Operation Mode :802.11b
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :NB Mode

Test Site :SAC C
 Test Date :2025-07-31
 Temp./Humi. :25.1°C/51%
 Antenna Pol. :Horizontal
 Engineer :Alex Li



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4305.00	Average	38.71	-0.86	37.85	54.00	-16.15
4305.00	Peak	51.61	-0.86	50.75	74.00	-23.25
4874.00	Average	50.53	0.27	50.80	54.00	-3.20
4874.00	Peak	51.46	0.27	51.73	74.00	-22.27
7311.00	Average	27.14	6.55	33.69	54.00	-20.31
7311.00	Peak	37.07	6.55	43.62	74.00	-30.38

~ End of Report ~

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
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