

**ELECTROMAGNETIC EMISSIONS
COMPLIANCE REPORT**

Applicant: Silex Technology, Inc.
2-3-1 Hikaridai, Seika-cho, Soraku-gun, Kyoto 619-0237, Ja-
pan

Manufacturer: Silex Technology, Inc.
2-3-1 Hikaridai, Seika-cho, Soraku-gun, Kyoto 619-0237, Ja-
pan

Product Name: Embedded wireless module

Brand Name: Silex Technology

Model No.: SX-PCEAX

Report Number: TERF2304001049ER

FCC ID N6C-PCEAX

IC: 4908A-PCEAX

Date of EUT Received: April 26, 2023

Date of Test: April 27, 2023~September 25, 2023

Issue Date: November 23, 2023

Approved By _____

Jim Chang

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 C63.10:2013 and the energy emitted by the sample EUT comply with FCC rule part §15.247, ISED RSS-247.

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

Report Number	Revision	Description	Issue Date	Revised By	Remark
TERF2304001049ER	00	Original	November 03, 2023	Yami Kuo	
TERF2304001049ER	01	Revise the Firm-ware Version	November 23, 2023	Yami Kuo	*

Note:

- The remark "*" indicates modification of the report upon requests from certification body.

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1 GENERAL INFORMATION

1.1 Product Description

Product Name:	Embedded wireless module
Brand Name:	Silex Technology
Model No.:	SX-PCEAX
Hardware Version:	N/A
Firmware Version:	HY103710
EUT Series No.:	1CBCEC011DAC
Power Supply:	3.3Vdc
Test Software (Name/Version)	QRCT V4.0.210.0

1.2 RF Specification

WLAN 2.4GHz

Wi-Fi	Frequency Range	Channels	Rated Power (dBm)		Modulation Technology
			Peak	Avg.	
802.11b	2412~2462	11	23.81	21.43	DSSS
802.11g	2412~2462	11	25.26	19.35	OFDM
802.11n20	2412~2462	11	24.14	17.98	OFDM
802.11n40	2422~2452	7	19.93	13.98	OFDM
802.11ac20	2412~2462	11	24.00	17.91	OFDM
802.11ac40	2422~2452	7	19.83	13.94	OFDM
802.11ax20	2412~2462	11	26.57	17.92	OFDMA
802.11ax40	2422~2462	9	25.87	13.60	OFDMA
Modulation type:		CCK, DQPSK, DBPSK for DSSS			
		256 QAM, 64QAM, 16QAM, QPSK, BPSK for OFDM			
		1024 QAM, 256 QAM, 64QAM, 16QAM, QPSK, BPSK for OFDMA			
Data Rate:		802.11 b: 1/2/5.5/11 Mbps			
		802.11 g: 6/9/12/18/24/36/48/54 Mbps			
		802.11 n_20MHz: up to 144.4Mbps			
		802.11 n_40MHz: up to 300Mbps			
		802.11 ax_20MHz: up to 286.8Mbps			
		802.11 ax_40MHz: up to 573.6Mbps			

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WLAN 2.4GHz for IC

Wi-Fi	Frequency Range	Channels	Rated Power (dBm)		Rated Power in dBm (EIRP)	Modulation Technology
			Peak	Avg.		
802.11b	2412~2462	11	23.81	21.43	29.34	DSSS
802.11g	2412~2462	11	25.26	19.35	27.26	OFDM
802.11n20	2412~2462	11	24.14	17.98	25.89	OFDM
802.11n40	2422~2452	7	19.93	13.98	21.89	OFDM
802.11ac20	2412~2462	11	24.00	17.91	25.82	OFDM
802.11ac40	2422~2452	7	19.83	13.94	21.85	OFDM
802.11ax20	2412~2462	11	26.57	17.92	25.83	OFDMA
802.11ax40	2422~2462	9	25.87	13.60	21.51	OFDMA
Modulation type:		CCK, DQPSK, DBPSK for DSSS				
		256 QAM, 64QAM, 16QAM, QPSK, BPSK for OFDM				
		1024 QAM, 256 QAM , 64QAM, 16QAM, QPSK, BPSK for OFDMA				
Data Rate:		802.11 b: 1/2/5.5/11 Mbps				
		802.11 g: 6/9/12/18/24/36/48/54 Mbps				
		802.11 n_20MHz:up to 144.4Mbps				
		802.11 n_40MHz:up to 300Mbps				
		802.11 ax_20MHz:up to 286.8Mbps				
		802.11 ax_40MHz:up to 573.6Mbps				

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1.3 Antenna Designation

Antenna Type	Supplier	Antenna Part No.	Freq. (MHz)	Peak Antenna Gain (dBi)	Direction Gain(dBi)
Monopole	2J antennas	2JZ74	2412 – 2462	4.9	7.91
	Taoglas	GW.05.0153	2412 – 2462	3.686	6.696

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. Antenna information is provided by the applicant.
3. As per section F. 2). e). (ii) of FCC KDB 662911 D01
If antenna gains are not equal and each transmit antenna is driven by only one spatial stream, directional gain may be calculated by either of the following formulas.

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

where

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

NSS = the number of independent spatial streams of data;

NANT = the total number of antennas

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

G_k is the gain in dBi of the kth antenna.

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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
 RSS-247 issue 3 Aug. 2023
 RSS-Gen,issue 5 April, 2018
 ANSI C63.10:2013

1.5 Test Facility

Laboratory	Test Site Address	Test Site Name	FCC Designation 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	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	
		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.

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 Emissions

The EUT is a placed on a table which is 0.8 m above ground plane. Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz. The CISPR Quasi-Peak and Average detector mode is employed. The two LISNs provide 50uH/50 ohm of coupling impedance for the measuring instrument. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.

2.3.2 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.

2.3.3 Radiated Emissions

The EUT is a 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

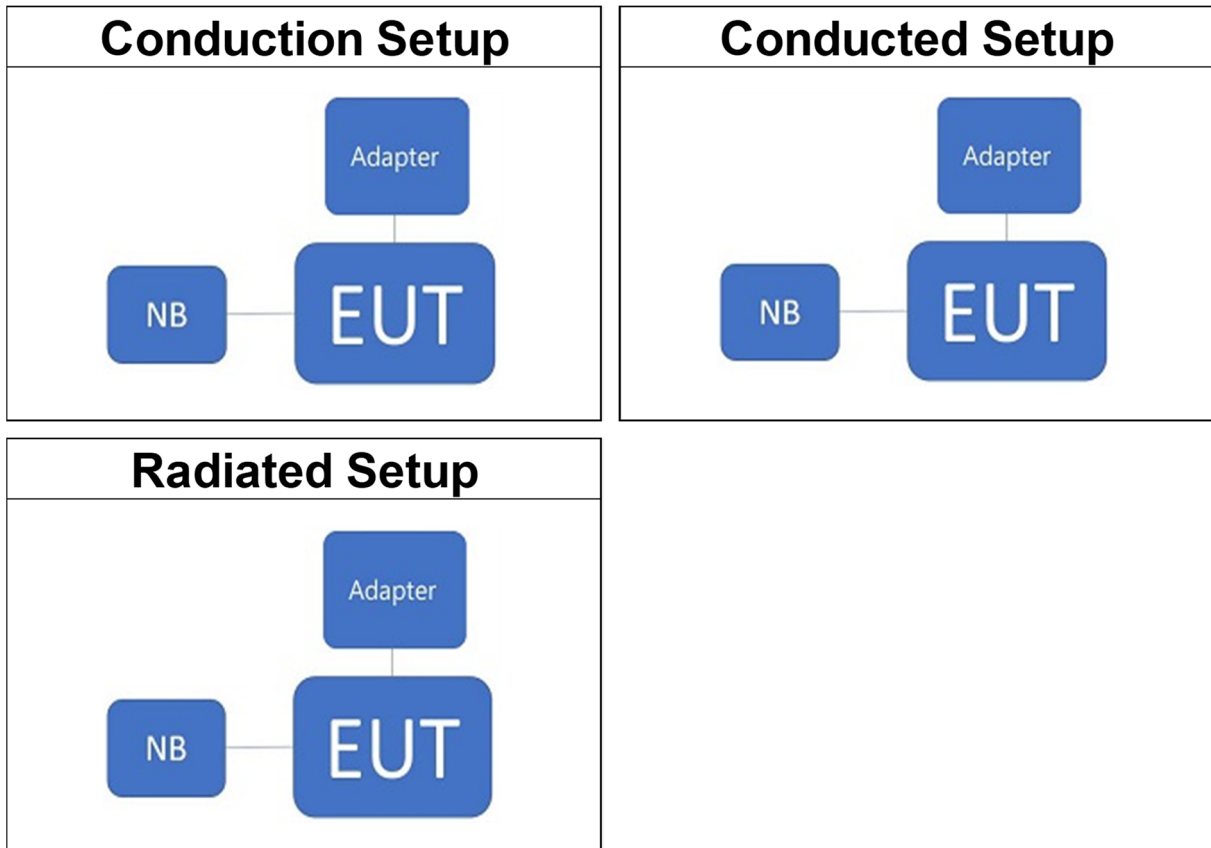
Radiated emission below 30MHz is measured in a 9m*6m*6m semi-anechoic chamber, the measurements correspond to those obtained at an open-field test site.

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



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2.6 Control Unit(s)

AC Power-Line Conducted Emission Test Site: Conduction 1					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Notebook	Lenovo	L480	PF-1D07MD 19/08	N/A	N/A
Adapter	EDAC	EA10682N-120	N/A	N/A	N/A

Conducted Emission Test Site: Conducted 2					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Notebook	Lenovo	T430s	R9-WW5EG 13/0	N/A	N/A
Adapter	EDAC	EA10682N-120	N/A	N/A	N/A

Radiated Emission Test Site: SAC 2					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Notebook	Lenovo	L480	PF-1D07MD 19/08	N/A	N/A
Adapter	EDAC	EA10682N-120	N/A	N/A	N/A

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3 SUMMARY OF TEST RESULTS

FCC Rules	ISED Rules	Description Of Test	Result
§15.207(a)	RSS-Gen §8.8	AC Power Line Conducted Emission	Compliant
§15.247(b) (3)	RSS-247 §5.4 d	Peak Output Power	Compliant
§15.205 §15.209 §15.247(d)	RSS-247 §5.5 RSS-Gen §8.9 RSS-Gen §8.10 RSS-Gen §6.13	Radiated Band Edge and Spurious Emission	Compliant
§15.247(e)	RSS-247 §5.2 b	Power Spectral Density	Compliant

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4 DESCRIPTION OF TEST MODES

4.1 Operating Frequencies

Modulation of BW 20MHz		Modulation of BW 40MHz	
CHANNEL	FREQUENCY (MHz)	CHANNEL	FREQUENCY (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 gevin UE is pre-scanned among below modes.

Modulation		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
v	802.11 n	V	Ch0	V	Ch1		Ch2		Ch3		1TX	V	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

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					
MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)	ANTENNA PORT
802.11b	1 to 11	1,2,3,4,5,6,7,8,9,10,11	DSSS	1	2TX
802.11g	1 to 11	1,2,3,4,5,6,7,8,9,10,11	OFDM	6	2TX
802.11n (HT20)	1 to 11	1,2,3,4,5,6,7,8,9,10,11	OFDM	MCS0	2TX
802.11n (HT40)	3 to 9	3,4,5,6,7,8,9	OFDM	MCS0	2TX
802.11ax (HE20)	1 to 11	1,2,3,4,5,6,7,8,9,10,11	OFDMA	MCS0	2TX
802.11ax (HE40)	3 to 9	3,4,5,6,7,8,9	OFDMA	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	2TX

TRANSMIT RADIATED EMISSION TEST (ABOVE 1 GHz)					
MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)	ANTENNA PORT
802.11b	1 to 11	1,2,3,4,5,6,7,8,9,10,11	DSSS	1	2TX
802.11g	1 to 11	1,2,3,4,5,6,7,8,9,10,11	OFDM	6	2TX
802.11n (HT20)	1 to 11	1,2,3,4,5,6,7,8,9,10,11	OFDM	MCS0	2TX
802.11n (HT40)	3 to 9	3,4,5,6,7,8,9	OFDM	MCS0	2TX
802.11ax (HE20)	1 to 11	1,2,3,4,5,6,7,8,9,10,11	OFDMA	MCS0	2TX
802.11ax (HE40)	3 to 9	3,4,5,6,7,8,9	OFDMA	MCS0	2TX

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	+/- 2.32 dB
Output Power measurement	+/- 1 dB
Emission Bandwidth	+/- 1.53 Hz
Undesignable radiated emission measurement	+/- 1.68 dB
Peak Power Density	+/- 2.16 dB
Temperature	+/- 0.7 °C
Humidity	+/- 3 %
DC / AC Power Source	+/- 1 %

Radiated Spurious Emission Measurement Uncertainty			
Polarization: Vertical	+/-	2.8 dB	9kHz~30MHz
	+/-	4.82 dB	30MHz - 1000MHz
	+/-	4.37 dB	1GHz - 18GHz
	+/-	4.21 dB	18GHz - 40GHz
Polarization: Horizontal	+/-	2.8 dB	9kHz~30MHz
	+/-	4.54 dB	30MHz - 1000MHz
	+/-	4.37 dB	1GHz - 18GHz
	+/-	4.21 dB	18GHz - 40GHz

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 Emission from AC power line

AC Power-Line Conducted Emission Test Site: Conduction 1					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Test Software	Audix	e3	Ver. 9.210616	N.C.R	N.C.R
LISN	SCHWARZBECK	NSLK 8127	1040	08/23/2022	08/22/2023
Coaxial Cables	EMC Instruments Corp.	EMCCFD300-BM-BM-3000	161207	06/22/2022	06/21/2023
Pulse Limiter	SCHWARZBECK	VTSD 9561F-N	793	06/22/2022	06/21/2023
EMI Test Receiver	R&S	ESR 7	102525	02/18/2023	02/17/2024

6.2 Conducted Measurement

Conducted Emission Test Site: Conducted 2					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
EXA Spectrum Analyzer	KEYSIGHT	N9010B	MY60242081	10/06/2022	10/05/2023
Test Software	SGS	Radio Test Software	Ver. 21	N.C.R	N.C.R
Power Meter	Anritsu	ML2496A	1804001	03/16/2023	03/15/2024
Power Sensor	Anritsu	MA2411B	1726104	03/16/2023	03/15/2024
Power Sensor	Anritsu	MA2411B	1726107	03/16/2023	03/15/2024
Attenuator	Mini-Circuit	BW-S10W2+	4	12/13/2022	12/12/2023
DC Block	Mini-Circuits	BLK-18-S+	1	12/13/2022	12/12/2023

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6.3 Radiated Measurement

Radiated Emission Test Site: SAC 2					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Horn Antenna	SCHWARZBECK	BBHA9170	184	12/30/2022	12/29/2023
Loop Antenna	ETS.LINDGREN	6502	148045	10/05/2022	10/04/2023
Horn Antenna	RF SPIN	DRH18-E	210303A18-ES	02/24/2023	02/23/2024
Bi-log Antenna	SCHWARZBECK	VULB9168	9168-1278	03/09/2023	03/08/2024
EXA Spectrum Analyzer	KEYSIGHT	N9010B	MY60242392	12/20/2022	12/19/2023
Test Software	Audix	e3	Ver. 9.210616	N.C.R	N.C.R
EMI Test Receiver	R&S	ESR 7	102525	02/18/2023	02/17/2024
Site Cal	SGS	SAC 2	N/A	08/31/2022	08/30/2023
Pre-Amplifier	EMCI	EMC184045B	980135	10/27/2022	10/26/2023
Pre-Amplifier	EMCI	EMC330N	980826	08/31/2022	08/30/2023
Pre-Amplifier	EMCI	EMC118A45SEE	980867	08/31/2022	08/30/2023
Attenuator	Mini-Circuit	BW-S10W2+	2	12/13/2022	12/12/2023
Bandreject Filter 2400-2483.5	EWT	EWT-14-0166	M1	12/13/2022	12/12/2023
4GHz High Pass Filter	WI	WHKX4.0/18G-10SS	WHKX4.0/18G-10SS	12/13/2022	12/12/2023
Coaxial Cable	Huber Suhner	SUCOFLEX 102	MY2630/2	12/23/2022	12/22/2023
Coaxial Cable	Huber Suhner	SUCOFLEX 102	MY22962/2	12/23/2022	12/22/2023
Coaxial Cables	EMCI	EMCCFD400-NM-NM-10000	RX Cable below 1G (220238)	08/31/2022	08/30/2023
Coaxial Cables	EMCI	EMC104-SM-SM-600	RX Cable below 1G (220237)	08/31/2022	08/30/2023
Coaxial Cables	EMCI	EMC105-SM-SM-2000	RX Cable below 1G (220910)	08/31/2022	08/30/2023
Coaxial Cables	EMCI	EMC104-SM-SM-10000	RX Cable above 1G (220236)	08/31/2022	08/30/2023
Coaxial Cables	EMCI	EMC105-SM-SM-1000	RX Cable above 1G (201211)	08/31/2022	08/30/2023
Coaxial Cables	EMCI	EMC105-SM-SM-1500	RX Cable above 1G (220906)	08/31/2022	08/30/2023
Coaxial Cables	EMCI	EMC105-SM-SM-2000	RX Cable above 1G (220909)	08/31/2022	08/30/2023
Coaxial Cables	EMCI	EMCCFD400-NM-NM-10000	RX Cable below 30M (220238)	08/31/2022	08/30/2023
Coaxial Cables	EMCI	EMC105-SM-SM-2000	RX Cable below 30M (220910)	08/31/2022	08/30/2023

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

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7 CONDUCTED EMISSION TEST

7.1 Standard Applicable

Frequency range within 150kHz to 30MHz shall not exceed the Limit table as below.

Frequency range MHz	Limits (dBuV)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56	56 to 46
0.50 to 5	56	46
5 to 30	60	50

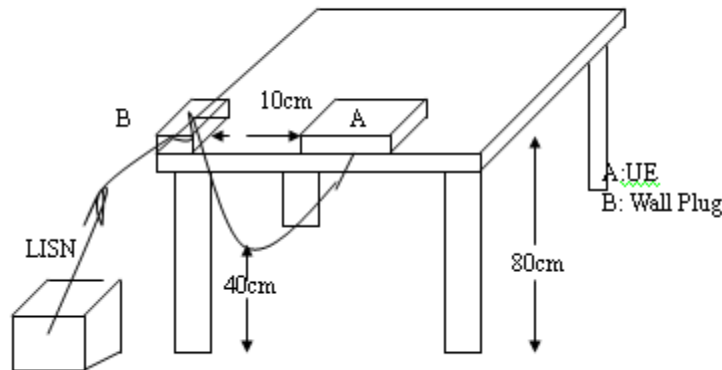
Note

- The lower limit shall apply at the transition frequencies
- The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz.

7.2 EUT Setup:

- The conducted emission tests were performed in the test site, using the setup in accordance with the ANSI C63.10:2013.
- The AC/DC Power adaptor of EUT was plug-in LISN. The EUT was placed flushed with the rear of the table.
- The LISN was connected with 120Vac/60Hz power source.

7.3 Test Setup



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7.4 Measurement Procedure

1. The EUT was placed on a table which is 0.8m above ground plane.
2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
3. Repeat above procedures until all phases of power being supplied by given UE are completed

7.5 Measurement Result

Note: Refer to next page for measurement data and plots.

Note2: The * reveals the worst-case results that closest to the limit.

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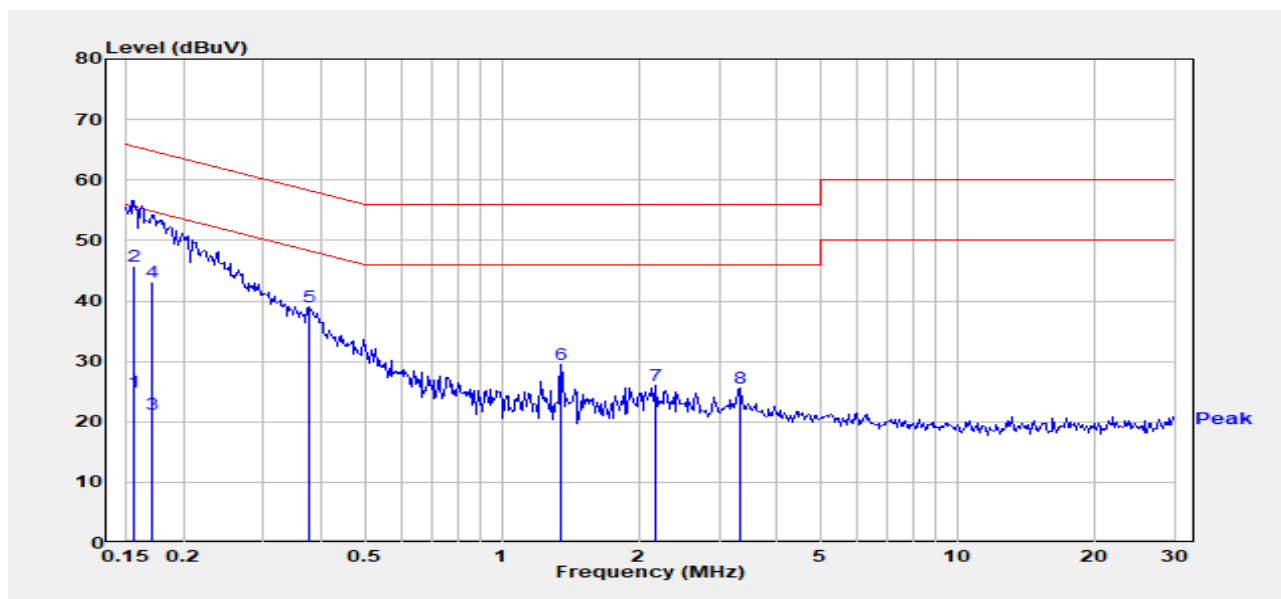
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AC POWER LINE CONDUCTED EMISSION TEST DATA

Report Number :TERF2304001049ER
 Operation Mode :WLAN2.4G
 Power :120V/60Hz
 Probe :L

Test Site :Conduction 1
 Test Date :2023-06-16
 Temp./Humi. :24.6°C/65%
 Engineer :Ricky Chen



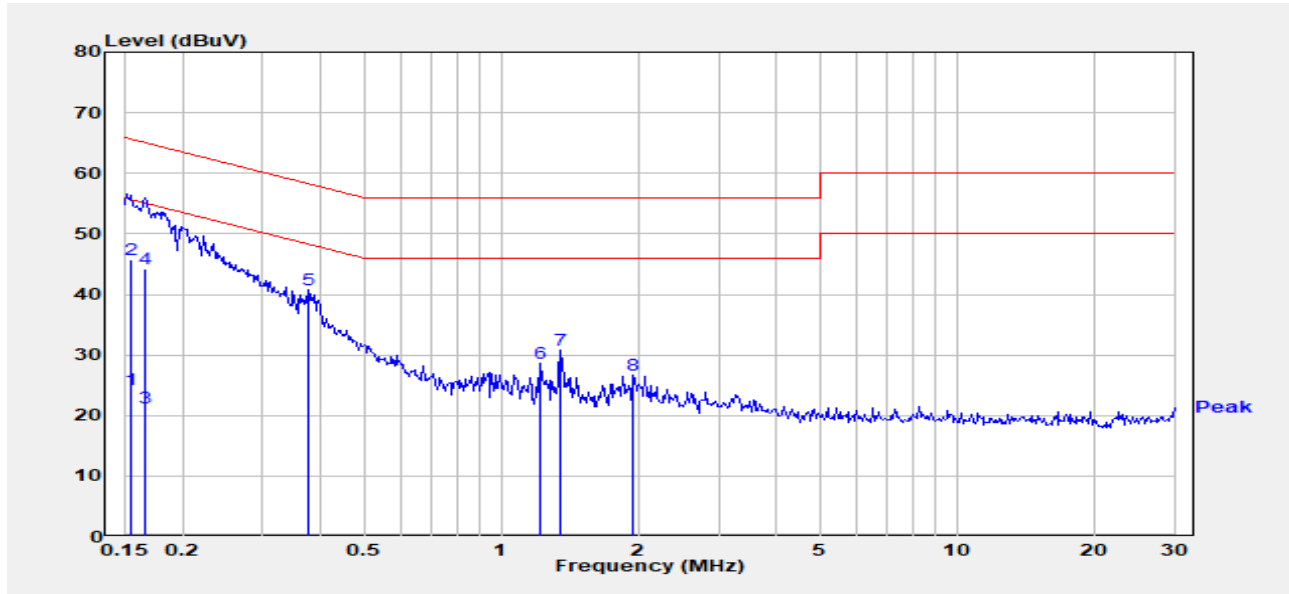
Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V	Limit dB μ V	Margin dB
0.156	Average	14.79	10.25	25.04	55.68	-30.64
0.156	QP	35.56	10.25	45.81	65.68	-19.87
0.171	Average	10.96	10.25	21.21	54.92	-33.71
0.171	QP	32.89	10.25	43.14	64.92	-21.78
0.377	Peak	28.88	10.25	39.13	58.35	-19.22
1.349	Peak	18.87	10.67	29.54	56.00	-26.46
2.171	Peak	15.09	11.03	26.12	56.00	-29.88
3.337	Peak	14.80	10.77	25.56	56.00	-30.44

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Report Number :TERF2304001049ER
 Operation Mode :WLAN2.4G
 Power :120V/60Hz
 Probe :N

Test Site :Conduction 1
 Test Date :2023-06-16
 Temp./Humi. :24.6°C/65%
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V	Limit dB μ V	Margin dB
0.153	Average	14.11	10.25	24.36	55.81	-31.45
0.153	QP	35.48	10.25	45.73	65.81	-20.08
0.166	Average	11.06	10.25	21.31	55.17	-33.86
0.166	QP	34.01	10.25	44.26	65.17	-20.91
0.377	Peak	30.45	10.25	40.70	58.35	-17.64
1.220	Peak	18.07	10.57	28.64	56.00	-27.36
1.349	Peak	20.04	10.67	30.71	56.00	-25.29
1.950	Peak	15.68	11.05	26.73	56.00	-29.27

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8 PEAK OUTPUT POWER MEASUREMENT

8.1 Standard Applicable

8.1.1 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.

8.1.2 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.

8.1.3 ISED

For systems using digital modulation in the 2400-2483.5 MHz bands, the limit for peak output power is 1Watt and the e.i.r.p. shall not exceed 4 W (ISED only).

Note:

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

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

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

where

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

NSS = the number of independent spatial streams of data;

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NANT = the total number of antennas

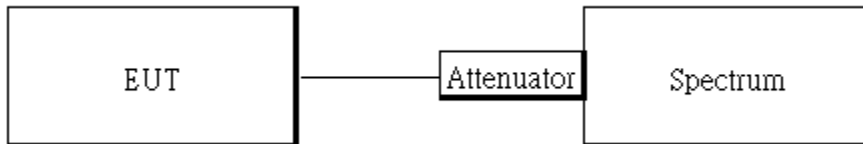
$g_{j,k} = 10^{G_k/20}$ if the kth antenna is being fed by spatial stream j, or zero if it is not;

G_k is the gain in dBi of the kth antenna.

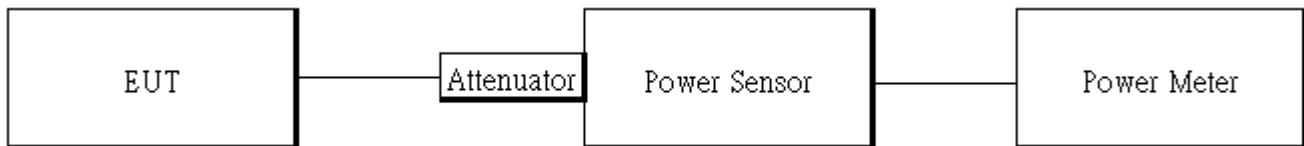
The antenna gain is not greater than 6 dBi. Therefore, reduction of power is not required.

8.2 Test Setup

8.2.1 Duty Cycle



8.2.2 Output Power:



8.3 Measurement Procedure

8.3.1 Duty Cycle:

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

8.3.2 Output Power

1. Place the EUT on the table and set it in transmitting mode.
2. The testing follows the Measurement Procedure of FCC KDB 558074 D01 DTS Meas. Guidance .
3. 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.

4. Record the max. Reading as observed from Spectrum or Power Meter.
5. MIMO mode: offset is set with “measure and add 10 Log (N)” to measurement for MIMO mode. Offset = cable loss + 10 log (N), where N is number of transmitting antenna, cable loss is specified below.

*** Note: The duty cycle factor and below is compensated to obtain the maximum value of measurement in average.**

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8.4 Measurement Result

8.4.1 Duty Cycle:

	Duty Cycle (%) = Ton / (Ton+Toff)	Duty Factor (dB) =10*log (1/Duty Cycle)	1/T (kHz)	VBW setting (kHz)
802.11b	99.86	0.01	0.12	0.01
802.11g	99.24	0.03	0.48	0.01
802.11n_20	99.71	0.01	0.18	0.01
802.11n_40	99.71	0.01	0.18	0.01
802.11ac_20	99.71	0.01	0.18	0.01
802.11ac_40	99.72	0.01	0.18	0.01
802.11ax_20	99.71	0.01	0.18	0.01
802.11ax_40	99.71	0.01	0.18	0.01

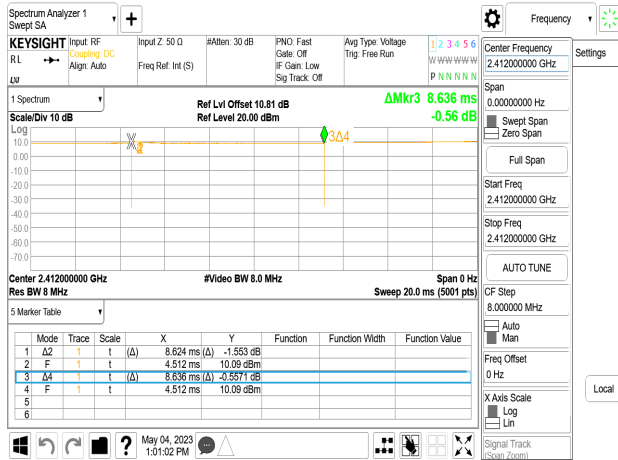
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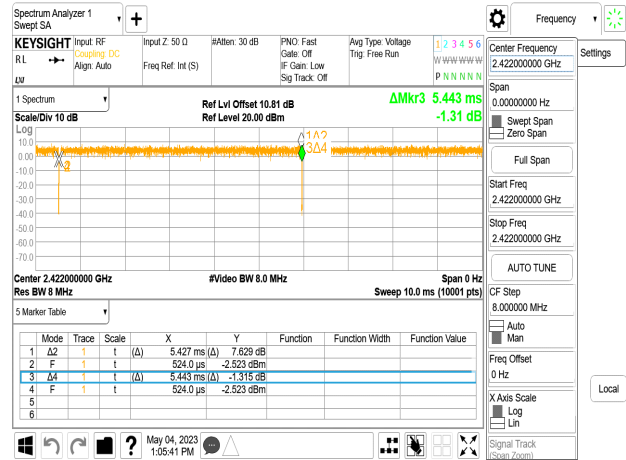
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8.4.2 Duty Cycle test plots

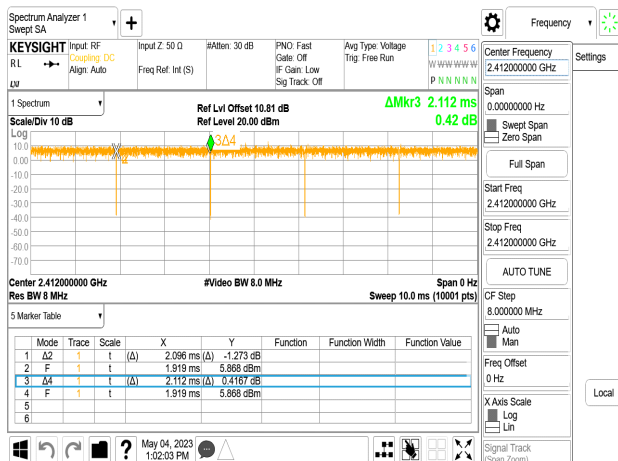
802.11b_20MHz_Chain0_2412MHz



802.11n_40MHz_Chain0_2422MHz



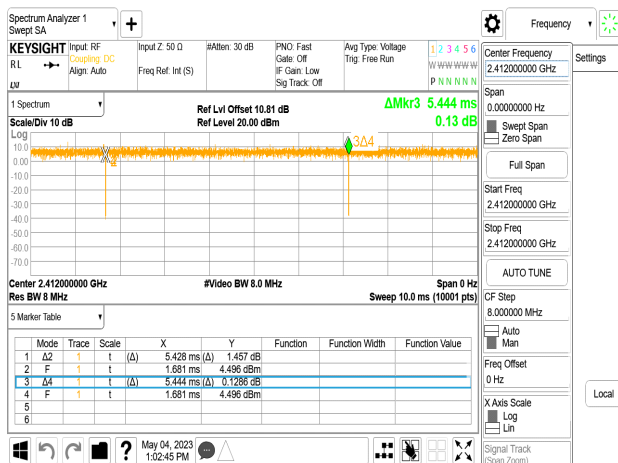
802.11g_20MHz_Chain0_2412MHz



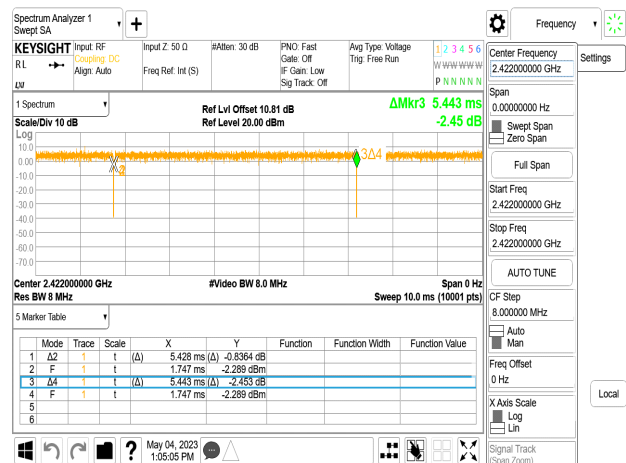
802.11ac_20MHz_Chain0_2412MHz



802.11n_20MHz_Chain0_2412MHz



802.11ac_40MHz_Chain0_2422MHz

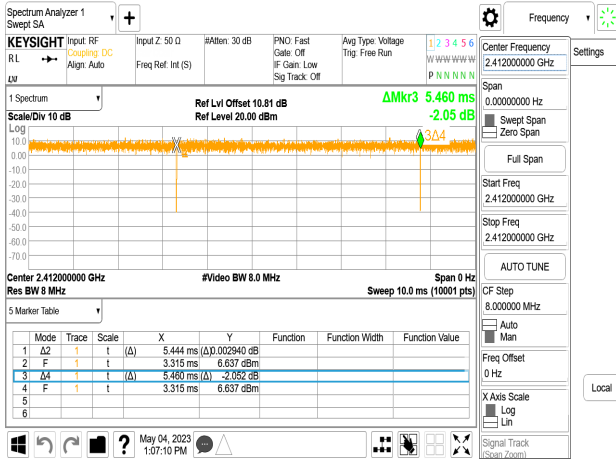


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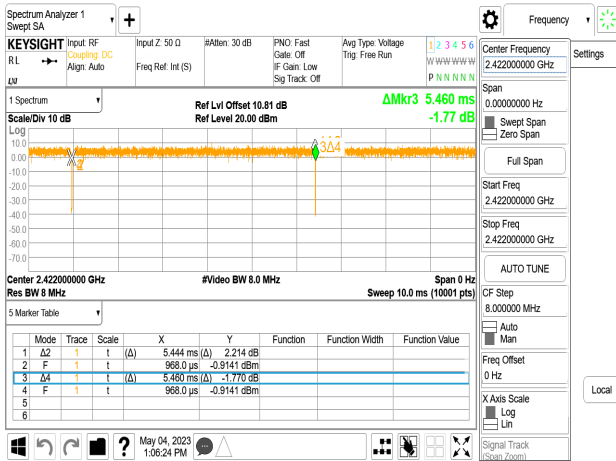
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802.11ax_20MHz_Chain0_2412MHz



802.11ax_40MHz_Chain0_2422MHz



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8.4.3 Output Power

802.11b_2TX								
CH	Freq. (MHz)	Data Rate	Power set	Peak Output Power (dBm)		Total Peak Output Power (dBm)	Limit (dBm)	RESULT
				Ch0	Ch1			
1	2412	1	15.5	18.67	18.22	21.46	28.09	PASS
2	2417	1	16	19.20	18.64	21.94	28.09	PASS
3	2422	1	16.5	19.79	19.38	22.60	28.09	PASS
4	2427	1	18	20.91	20.48	23.71	28.09	PASS
5	2432	1	18	21.02	20.56	23.81	28.09	PASS
6	2437	1	16.5	19.92	19.51	22.73	28.09	PASS
7	2442	1	16.5	19.97	19.39	22.70	28.09	PASS
8	2447	1	15.5	18.96	18.57	21.78	28.09	PASS
9	2452	1	15.5	18.97	18.67	21.83	28.09	PASS
10	2457	1	14.5	18.22	17.46	20.87	28.09	PASS
11	2462	1	14.5	18.08	17.63	20.87	28.09	PASS
802.11b_2TX								
CH	Freq. (MHz)	Data Rate	Power set	Avg. Output Power (dBm)		Total Avg. Output Power (dBm)	Limit (dBm)	RESULT
				Ch0	Ch1			
1	2412	1	15.5	16.20	15.85	19.03	28.09	PASS
2	2417	1	16	16.72	16.22	19.48	28.09	PASS
3	2422	1	16.5	17.47	16.96	20.23	28.09	PASS
4	2427	1	18	18.64	18.10	21.38	28.09	PASS
5	2432	1	18	18.70	18.13	21.43	28.09	PASS
6	2437	1	16.5	17.57	16.92	20.26	28.09	PASS
7	2442	1	16.5	17.65	16.82	20.26	28.09	PASS
8	2447	1	15.5	16.54	16.02	19.29	28.09	PASS
9	2452	1	15.5	16.49	16.20	19.35	28.09	PASS
10	2457	1	14.5	15.80	14.92	18.39	28.09	PASS
11	2462	1	14.5	15.60	15.16	18.39	28.09	PASS

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802.11g_2TX								
CH	Freq. (MHz)	Data Rate	Power set	Peak Output Power (dBm)		Total Peak Output Power (dBm)	Limit (dBm)	RESULT
				Ch0	Ch1			
1	2412	6	11	18.32	17.67	21.02	28.09	PASS
2	2417	6	11	18.85	17.71	21.33	28.09	PASS
3	2422	6	13.5	20.65	20.32	23.50	28.09	PASS
4	2427	6	13.5	20.94	19.97	23.49	28.09	PASS
5	2432	6	15.5	22.13	22.26	25.21	28.09	PASS
6	2437	6	15.5	22.19	22.31	25.26	28.09	PASS
7	2442	6	14.5	21.63	21.38	24.52	28.09	PASS
8	2447	6	12	19.87	18.91	22.43	28.09	PASS
9	2452	6	12.5	19.69	19.31	22.51	28.09	PASS
10	2457	6	12	19.28	18.95	22.13	28.09	PASS
11	2462	6	11	18.57	17.94	21.28	28.09	PASS

802.11g_2TX								
CH	Freq. (MHz)	Data Rate	Power set	Avg. Output Power (dBm)		Total Avg. Output Power (dBm)	Limit (dBm)	RESULT
				Ch0	Ch1			
1	2412	6	11	12.26	11.37	14.85	28.09	PASS
2	2417	6	11	12.59	11.27	14.99	28.09	PASS
3	2422	6	13.5	14.67	14.15	17.43	28.09	PASS
4	2427	6	13.5	14.87	13.98	17.46	28.09	PASS
5	2432	6	15.5	16.47	16.15	19.33	28.09	PASS
6	2437	6	15.5	16.42	16.25	19.35	28.09	PASS
7	2442	6	14.5	15.67	15.13	18.42	28.09	PASS
8	2447	6	12	13.74	12.75	16.29	28.09	PASS
9	2452	6	12.5	13.74	13.17	16.48	28.09	PASS
10	2457	6	12	13.39	12.75	16.10	28.09	PASS
11	2462	6	11	12.55	11.64	15.13	28.09	PASS

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802.11n_HT20M_2TX

CH	Freq. (MHz)	Data Rate	Power set	Peak Output Power (dBm)		Total Peak Output Power (dBm)	Limit (dBm)	RESULT
				Ch0	Ch1			
1	2412	MCS0	10	16.99	16.11	19.58	28.09	PASS
2	2417	MCS0	11	18.46	17.09	20.84	28.09	PASS
3	2422	MCS0	11	18.56	16.99	20.86	28.09	PASS
4	2427	MCS0	13	20.24	19.38	22.84	28.09	PASS
5	2432	MCS0	13	20.29	19.48	22.91	28.09	PASS
6	2437	MCS0	14	21.31	20.39	23.88	28.09	PASS
7	2442	MCS0	14.5	21.28	20.98	24.14	28.09	PASS
8	2447	MCS0	13.5	20.63	20.27	23.46	28.09	PASS
9	2452	MCS0	13.5	20.46	19.92	23.21	28.09	PASS
10	2457	MCS0	10	17.53	16.39	20.01	28.09	PASS
11	2462	MCS0	10	17.64	16.44	20.09	28.09	PASS

802.11n_HT20M_2TX

CH	Freq. (MHz)	Data Rate	Power set	Avg. Output Power (dBm)		Total Avg. Output Power (dBm)	Limit (dBm)	RESULT
				Ch0	Ch1			
1	2412	MCS0	10	10.87	10.05	13.49	28.09	PASS
2	2417	MCS0	11	12.40	11.10	14.81	28.09	PASS
3	2422	MCS0	11	12.42	11.27	14.90	28.09	PASS
4	2427	MCS0	13	14.17	13.16	16.71	28.09	PASS
5	2432	MCS0	13	14.18	13.35	16.80	28.09	PASS
6	2437	MCS0	14	15.17	14.20	17.72	28.09	PASS
7	2442	MCS0	14.5	15.20	14.73	17.98	28.09	PASS
8	2447	MCS0	13.5	14.46	13.88	17.19	28.09	PASS
9	2452	MCS0	13.5	14.45	13.97	17.23	28.09	PASS
10	2457	MCS0	10	11.43	10.36	13.94	28.09	PASS
11	2462	MCS0	10	11.39	10.22	13.86	28.09	PASS

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802.11n_HT40M_2TX

CH	Freq. (MHz)	Data Rate	Power set	Peak Output Power (dBm)		Total Peak Output Power (dBm)	Limit (dBm)	RESULT
				Ch0	Ch1			
3	2422	MCS0	8	14.46	14.35	17.42	28.09	PASS
4	2427	MCS0	8.5	15.29	14.83	18.08	28.09	PASS
5	2432	MCS0	9.5	16.68	16.08	19.40	28.09	PASS
6	2437	MCS0	10	17.23	16.59	19.93	28.09	PASS
7	2442	MCS0	10	17.13	16.54	19.86	28.09	PASS
8	2447	MCS0	8.5	15.09	14.97	18.04	28.09	PASS
9	2452	MCS0	8.5	15.16	14.83	18.01	28.09	PASS

802.11n_HT40M_2TX

CH	Freq. (MHz)	Data Rate	Power set	Avg. Output Power (dBm)		Total Avg. Output Power (dBm)	Limit (dBm)	RESULT
				Ch0	Ch1			
3	2422	MCS0	8	8.73	8.88	11.82	28.09	PASS
4	2427	MCS0	8.5	9.26	9.42	12.35	28.09	PASS
5	2432	MCS0	9.5	10.87	10.13	13.53	28.09	PASS
6	2437	MCS0	10	11.27	10.60	13.96	28.09	PASS
7	2442	MCS0	10	11.33	10.58	13.98	28.09	PASS
8	2447	MCS0	8.5	9.34	9.53	12.45	28.09	PASS
9	2452	MCS0	8.5	9.32	9.50	12.42	28.09	PASS

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802.11ac_VHT20M_2TX

CH	Freq. (MHz)	Data Rate	Power set	Peak Output Power (dBm)		Total Peak Output Power (dBm)	Limit (dBm)	RESULT
				Ch0	Ch1			
1	2412	MCS0	10	17.03	16.21	19.65	28.09	PASS
2	2417	MCS0	11	18.38	17.01	20.76	28.09	PASS
3	2422	MCS0	11	18.46	16.87	20.75	28.09	PASS
4	2427	MCS0	13	20.15	19.34	22.77	28.09	PASS
5	2432	MCS0	13	20.21	19.38	22.83	28.09	PASS
6	2437	MCS0	14	21.29	20.31	23.84	28.09	PASS
7	2442	MCS0	14.5	21.14	20.84	24.00	28.09	PASS
8	2447	MCS0	13.5	20.55	20.17	23.37	28.09	PASS
9	2452	MCS0	13.5	20.39	19.86	23.14	28.09	PASS
10	2457	MCS0	10	17.51	16.13	19.88	28.09	PASS
11	2462	MCS0	10	17.45	16.36	19.95	28.09	PASS

802.11ac_VHT20M_2TX

CH	Freq. (MHz)	Data Rate	Power set	Avg. Output Power (dBm)		Total Avg. Output Power (dBm)	Limit (dBm)	RESULT
				Ch0	Ch1			
1	2412	MCS0	10	10.79	10.02	13.43	28.09	PASS
2	2417	MCS0	11	12.33	11.05	14.75	28.09	PASS
3	2422	MCS0	11	12.40	11.20	14.85	28.09	PASS
4	2427	MCS0	13	14.14	13.13	16.68	28.09	PASS
5	2432	MCS0	13	14.10	13.25	16.71	28.09	PASS
6	2437	MCS0	14	15.10	14.12	17.65	28.09	PASS
7	2442	MCS0	14.5	15.09	14.69	17.91	28.09	PASS
8	2447	MCS0	13.5	14.45	13.82	17.16	28.09	PASS
9	2452	MCS0	13.5	14.42	13.93	17.19	28.09	PASS
10	2457	MCS0	10	11.39	10.30	13.89	28.09	PASS
11	2462	MCS0	10	11.29	10.20	13.79	28.09	PASS

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802.11ac_VHT40M_2TX

CH	Freq. (MHz)	Data Rate	Power set	Peak Output Power (dBm)		Total Peak Output Power (dBm)	Limit (dBm)	RESULT
				Ch0	Ch1			
3	2422	MCS0	8	14.41	14.25	17.34	28.09	PASS
4	2427	MCS0	8.5	15.25	14.79	18.04	28.09	PASS
5	2432	MCS0	9.5	16.56	16.01	19.30	28.09	PASS
6	2437	MCS0	10	17.15	16.47	19.83	28.09	PASS
7	2442	MCS0	10	17.06	16.49	19.79	28.09	PASS
8	2447	MCS0	8.5	15.01	14.87	17.95	28.09	PASS
9	2452	MCS0	8.5	15.06	14.75	17.92	28.09	PASS

802.11ac_VHT40M_2TX

CH	Freq. (MHz)	Data Rate	Power set	Avg. Output Power (dBm)		Total Avg. Output Power (dBm)	Limit (dBm)	RESULT
				Ch0	Ch1			
3	2422	MCS0	8	8.69	8.83	11.77	28.09	PASS
4	2427	MCS0	8.5	9.22	9.39	12.32	28.09	PASS
5	2432	MCS0	9.5	10.82	10.08	13.48	28.09	PASS
6	2437	MCS0	10	11.24	10.55	13.92	28.09	PASS
7	2442	MCS0	10	11.30	10.53	13.94	28.09	PASS
8	2447	MCS0	8.5	9.28	9.49	12.40	28.09	PASS
9	2452	MCS0	8.5	9.30	9.43	12.38	28.09	PASS

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802.11ax_HE20M_2TX									
CH	Freq. (MHz)	Data Rate	RU Config	Power set	Peak Output Power (dBm)		Total Peak Output Power (dBm)	Limit (dBm)	RESULT
					Ch0	Ch1			
1	2412	MCS0	full	9.5	17.52	16.93	20.25	28.09	PASS
			26/0	9.5	20.79	20.24	23.53	28.09	PASS
			52/37	10	21.79	20.53	24.22	28.09	PASS
			106/53	9.5	20.06	20.26	23.17	28.09	PASS
2	2417	MCS0	full	11	19.65	18.51	22.13	28.09	PASS
			26/0	11	22.11	21.35	24.76	28.09	PASS
			52/37	11.5	22.87	21.81	25.38	28.09	PASS
			106/53	11	21.23	21.53	24.39	28.09	PASS
3	2422	MCS0	full	11	19.79	18.84	22.35	28.09	PASS
4	2427	MCS0	full	13	21.33	20.73	24.05	28.09	PASS
5	2432	MCS0	full	13	21.19	20.65	23.94	28.09	PASS
6	2437	MCS0	full	14	22.13	21.36	24.77	28.09	PASS
			26/0	14	22.83	23.99	26.46	28.09	PASS
			52/37	14.5	22.85	24.17	26.57	28.09	PASS
			106/53	14	22.83	23.75	26.32	28.09	PASS
7	2442	MCS0	full	14	22.12	21.94	25.04	28.09	PASS
8	2447	MCS0	full	13.5	21.63	21.36	24.51	28.09	PASS
9	2452	MCS0	full	13	21.45	21.02	24.25	28.09	PASS
10	2457	MCS0	full	9.5	17.91	17.01	20.49	28.09	PASS
			26/8	9.5	21.17	20.38	23.80	28.09	PASS
			52/40	10	21.71	20.67	24.23	28.09	PASS
			106/54	9.5	20.91	20.32	23.64	28.09	PASS
11	2462	MCS0	full	10	18.67	17.72	21.23	28.09	PASS
			26/8	10.5	21.89	21.01	24.48	28.09	PASS
			52/40	10	21.62	21.35	24.50	28.09	PASS
			106/54	9.5	20.81	20.78	23.81	28.09	PASS
802.11ax_HE20M_2TX									
CH	Freq. (MHz)	Data Rate	RU Config	Power set	Avg. Output Power (dBm)		Total Avg. Output Power (dBm)	Limit (dBm)	RESULT
					Ch0	Ch1			
1	2412	MCS0	full	9.5	10.38	9.73	13.08	28.09	PASS
			26/0	9.5	10.22	9.78	13.02	28.09	PASS
			52/37	10	10.45	9.57	13.05	28.09	PASS
			106/53	9.5	10.28	9.72	13.02	28.09	PASS
2	2417	MCS0	full	11	12.37	11.32	14.89	28.09	PASS
			26/0	11	12.28	11.18	14.78	28.09	PASS
			52/37	11.5	12.37	11.20	14.84	28.09	PASS
			106/53	11	12.39	10.93	14.73	28.09	PASS
3	2422	MCS0	full	11	12.47	11.35	14.96	28.09	PASS
4	2427	MCS0	full	13	14.06	13.78	16.94	28.09	PASS
5	2432	MCS0	full	13	14.39	13.50	16.98	28.09	PASS
6	2437	MCS0	full	14	15.30	14.42	17.90	28.09	PASS
			26/0	14	14.88	14.32	17.62	28.09	PASS
			52/37	14.5	15.20	14.40	17.83	28.09	PASS
			106/53	14	15.02	14.19	17.64	28.09	PASS
7	2442	MCS0	full	14	15.13	14.68	17.92	28.09	PASS
8	2447	MCS0	full	13.5	14.64	14.12	17.40	28.09	PASS
9	2452	MCS0	full	13	14.24	13.83	17.05	28.09	PASS
10	2457	MCS0	full	9.5	10.90	10.07	13.52	28.09	PASS
			26/8	9.5	10.36	9.65	13.03	28.09	PASS
			52/40	10	10.64	9.79	13.25	28.09	PASS
			106/54	9.5	10.54	9.72	13.16	28.09	PASS
11	2462	MCS0	full	10	11.44	10.45	13.99	28.09	PASS
			26/8	10.5	11.39	10.40	13.94	28.09	PASS
			52/40	10	10.60	9.90	13.28	28.09	PASS
			106/54	9.5	10.39	10.82	13.62	28.09	PASS

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802.11ax_HE40M_2TX									
CH	Freq. (MHz)	Data Rate	RU Config	Power set	Peak Output Power (dBm)		Total Peak Output Power (dBm)	Limit (dBm)	RESULT
					Ch0	Ch1			
3	2422	MCS0	full	8.5	15.41	15.39	18.41	28.09	PASS
			242/61	9	19.55	19.66	22.62	28.09	PASS
4	2427	MCS0	full	9	15.96	16.03	19.01	28.09	PASS
			242/61	10	19.96	20.92	23.48	28.09	PASS
5	2432	MCS0	full	10	17.62	17.12	20.39	28.09	PASS
6	2437	MCS0	full	10	17.57	16.65	20.14	28.09	PASS
			242/61	13.5	22.84	22.87	25.87	28.09	PASS
7	2442	MCS0	full	10	17.44	16.69	20.09	28.09	PASS
8	2447	MCS0	full	9	16.14	15.74	18.95	28.09	PASS
			242/62	10.5	20.88	21.07	23.99	28.09	PASS
9	2452	MCS0	full	9	16.25	15.77	19.03	28.09	PASS
			242/62	8	18.47	18.94	21.72	28.09	PASS

802.11ax_HE40M_2TX									
CH	Freq. (MHz)	Data Rate	RU Config	Power set	Avg. Output Power (dBm)		Total Avg. Output Power (dBm)	Limit (dBm)	RESULT
					Ch0	Ch1			
3	2422	MCS0	full	8.5	8.89	8.87	11.89	28.09	PASS
			242/61	9	5.86	5.14	8.53	28.09	PASS
4	2427	MCS0	full	9	9.44	9.49	12.48	28.09	PASS
			242/61	10	7.43	6.85	10.16	28.09	PASS
5	2432	MCS0	full	10	10.90	10.24	13.60	28.09	PASS
6	2437	MCS0	full	10	10.87	10.15	13.54	28.09	PASS
			242/61	13.5	10.78	10.20	13.51	28.09	PASS
7	2442	MCS0	full	10	10.83	10.25	13.56	28.09	PASS
8	2447	MCS0	full	9	9.64	9.19	12.43	28.09	PASS
			242/62	10.5	7.90	7.16	10.56	28.09	PASS
9	2452	MCS0	full	9	9.60	9.14	12.39	28.09	PASS
			242/62	8	4.64	4.97	7.82	28.09	PASS

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802.11b_2TX									
CH	Freq. (MHz)	Data Rate	Avg. Output Power		Total Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	RESULT
			Ch0	Ch1					
1	2412	1	16.20	15.85	19.03	7.91	26.94	36	PASS
2	2417	1	16.72	16.22	19.48	7.91	27.39	36	PASS
3	2422	1	17.47	16.96	20.23	7.91	28.14	36	PASS
4	2427	1	18.64	18.10	21.38	7.91	29.29	36	PASS
5	2432	1	18.70	18.13	21.43	7.91	29.34	36	PASS
6	2437	1	17.57	16.92	20.26	7.91	28.17	36	PASS
7	2442	1	17.65	16.82	20.26	7.91	28.17	36	PASS
8	2447	1	16.54	16.02	19.29	7.91	27.20	36	PASS
9	2452	1	16.49	16.20	19.35	7.91	27.26	36	PASS
10	2457	1	15.80	14.92	18.39	7.91	26.30	36	PASS
11	2462	1	15.60	15.16	18.39	7.91	26.30	36	PASS

802.11g_2TX									
CH	Freq. (MHz)	Data Rate	Avg. Output Power		Total Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	RESULT
			Ch0	Ch1					
1	2412	6	12.26	11.37	14.85	7.91	22.76	36	PASS
2	2417	6	12.59	11.27	14.99	7.91	22.90	36	PASS
3	2422	6	14.67	14.15	17.43	7.91	25.34	36	PASS
4	2427	6	14.87	13.98	17.46	7.91	25.37	36	PASS
5	2432	6	16.47	16.15	19.33	7.91	27.24	36	PASS
6	2437	6	16.42	16.25	19.35	7.91	27.26	36	PASS
7	2442	6	15.67	15.13	18.42	7.91	26.33	36	PASS
8	2447	6	13.74	12.75	16.29	7.91	24.20	36	PASS
9	2452	6	13.74	13.17	16.48	7.91	24.39	36	PASS
10	2457	6	13.39	12.75	16.10	7.91	24.01	36	PASS
11	2462	6	12.55	11.64	15.13	7.91	23.04	36	PASS

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802.11n_HT20M_2TX

CH	Freq. (MHz)	Data Rate	Avg. Output Power		Total Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	RESULT
			Ch0	Ch1					
1	2412	MCS0	10.87	10.05	13.49	7.91	21.40	36	PASS
2	2417	MCS0	12.40	11.10	14.81	7.91	22.72	36	PASS
3	2422	MCS0	12.42	11.27	14.90	7.91	22.81	36	PASS
4	2427	MCS0	14.17	13.16	16.71	7.91	24.62	36	PASS
5	2432	MCS0	14.18	13.35	16.80	7.91	24.71	36	PASS
6	2437	MCS0	15.17	14.20	17.72	7.91	25.63	36	PASS
7	2442	MCS0	15.20	14.73	17.98	7.91	25.89	36	PASS
8	2447	MCS0	14.46	13.88	17.19	7.91	25.10	36	PASS
9	2452	MCS0	14.45	13.97	17.23	7.91	25.14	36	PASS
10	2457	MCS0	11.43	10.36	13.94	7.91	21.85	36	PASS
11	2462	MCS0	11.39	10.22	13.86	7.91	21.77	36	PASS

802.11n_HT40M_2TX

CH	Freq. (MHz)	Data Rate	Avg. Output Power		Total Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	RESULT
			Ch0	Ch1					
3	2422	MCS0	8.73	8.88	11.82	7.91	19.73	36	PASS
4	2427	MCS0	9.26	9.42	12.35	7.91	20.26	36	PASS
5	2432	MCS0	10.87	10.13	13.53	7.91	21.44	36	PASS
6	2437	MCS0	11.27	10.60	13.96	7.91	21.87	36	PASS
7	2442	MCS0	11.33	10.58	13.98	7.91	21.89	36	PASS
8	2447	MCS0	9.34	9.53	12.45	7.91	20.36	36	PASS
9	2452	MCS0	9.32	9.50	12.42	7.91	20.33	36	PASS

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802.11ac_VHT20M_2TX									
CH	Freq. (MHz)	Data Rate	Avg. Output Power		Total Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	RESULT
			Ch0	Ch1					
1	2412	MCS0	10.79	10.02	13.43	7.91	21.34	36	PASS
2	2417	MCS0	12.33	11.05	14.75	7.91	22.66	36	PASS
3	2422	MCS0	12.40	11.20	14.85	7.91	22.76	36	PASS
4	2427	MCS0	14.14	13.13	16.68	7.91	24.59	36	PASS
5	2432	MCS0	14.10	13.25	16.71	7.91	24.62	36	PASS
6	2437	MCS0	15.10	14.12	17.65	7.91	25.56	36	PASS
7	2442	MCS0	15.09	14.69	17.91	7.91	25.82	36	PASS
8	2447	MCS0	14.45	13.82	17.16	7.91	25.07	36	PASS
9	2452	MCS0	14.42	13.93	17.19	7.91	25.10	36	PASS
10	2457	MCS0	11.39	10.30	13.89	7.91	21.80	36	PASS
11	2462	MCS0	11.29	10.20	13.79	7.91	21.70	36	PASS

802.11ac_VHT40M_2TX									
CH	Freq. (MHz)	Data Rate	Avg. Output Power		Total Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	RESULT
			Ch0	Ch1					
3	2422	MCS0	8.69	8.83	11.77	7.91	19.68	36	PASS
4	2427	MCS0	9.22	9.39	12.32	7.91	20.23	36	PASS
5	2432	MCS0	10.82	10.08	13.48	7.91	21.39	36	PASS
6	2437	MCS0	11.24	10.55	13.92	7.91	21.83	36	PASS
7	2442	MCS0	11.30	10.53	13.94	7.91	21.85	36	PASS
8	2447	MCS0	9.28	9.49	12.40	7.91	20.31	36	PASS
9	2452	MCS0	9.30	9.43	12.38	7.91	20.29	36	PASS

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802.11ax_HE20M_2TX										
CH	Freq. (MHz)	Data Rate	RU Config	Avg. Output Power		Total Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit	RESULT
				Ch0	Ch1					
1	2412	MCS0	full	10.38	9.73	13.08	7.91	20.99	36	PASS
			26/0	10.22	9.78	13.02	7.91	20.93	36	PASS
			52/37	10.45	9.57	13.05	7.91	20.96	36	PASS
			106/53	10.28	9.72	13.02	7.91	20.93	36	PASS
2	2417	MCS0	full	12.37	11.32	14.89	7.91	22.80	36	PASS
			26/0	12.28	11.18	14.78	7.91	22.69	36	PASS
			52/37	12.37	11.20	14.84	7.91	22.75	36	PASS
			106/53	12.39	10.93	14.73	7.91	22.64	36	PASS
3	2422	MCS0	full	12.47	11.35	14.96	7.91	22.87	36	PASS
4	2427	MCS0	full	14.06	13.78	16.94	7.91	24.85	36	PASS
5	2432	MCS0	full	14.39	13.50	16.98	7.91	24.89	36	PASS
6	2437	MCS0	full	15.30	14.42	17.90	7.91	25.81	36	PASS
			26/0	14.88	14.32	17.62	7.91	25.53	36	PASS
			52/37	15.20	14.40	17.83	7.91	25.74	36	PASS
			106/53	15.02	14.19	17.64	7.91	25.55	36	PASS
7	2442	MCS0	full	15.13	14.68	17.92	7.91	25.83	36	PASS
8	2447	MCS0	full	14.64	14.12	17.40	7.91	25.31	36	PASS
9	2452	MCS0	full	14.24	13.83	17.05	7.91	24.96	36	PASS
10	2457	MCS0	full	10.90	10.07	13.52	7.91	21.43	36	PASS
			26/8	10.36	9.65	13.03	7.91	20.94	36	PASS
			52/40	10.64	9.79	13.25	7.91	21.16	36	PASS
			106/54	10.54	9.72	13.16	7.91	21.07	36	PASS
11	2462	MCS0	full	11.44	10.45	13.99	7.91	21.90	36	PASS
			26/8	11.39	10.40	13.94	7.91	21.85	36	PASS
			52/40	10.60	9.90	13.28	7.91	21.19	36	PASS
			106/54	10.39	10.82	13.62	7.91	21.53	36	PASS

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802.11ax_HE40M_2TX										
CH	Freq. (MHz)	Data Rate	RU Config	Avg. Output Power		Total Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit	RESULT
				Ch0	Ch1					
3	2422	MCS0	full	8.89	8.87	11.89	7.91	19.80	36	PASS
			242/61	5.86	5.14	8.53	7.91	16.44	36	PASS
4	2427	MCS0	full	9.44	9.49	12.48	7.91	20.39	36	PASS
			242/61	7.43	6.85	10.16	7.91	18.07	36	PASS
5	2432	MCS0	full	10.90	10.24	13.60	7.91	21.51	36	PASS
6	2437	MCS0	full	10.87	10.15	13.54	7.91	21.45	36	PASS
			242/61	10.78	10.20	13.51	7.91	21.42	36	PASS
7	2442	MCS0	full	10.83	10.25	13.56	7.91	21.47	36	PASS
8	2447	MCS0	full	9.64	9.19	12.43	7.91	20.34	36	PASS
			242/62	7.90	7.16	10.56	7.91	18.47	36	PASS
9	2452	MCS0	full	9.60	9.14	12.39	7.91	20.30	36	PASS
			242/62	4.64	4.97	7.82	7.91	15.73	36	PASS

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9 RADIATED BANDEDGE AND SPURIOUS EMISSION MEASUREMENT

9.1 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.

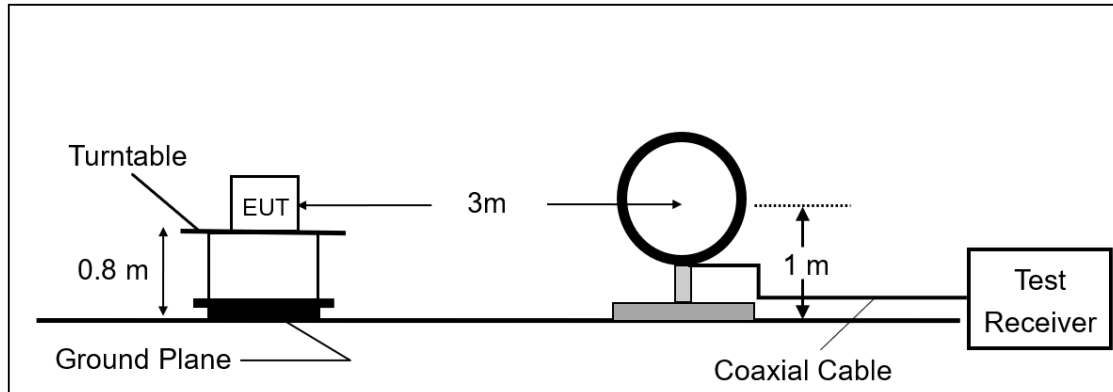
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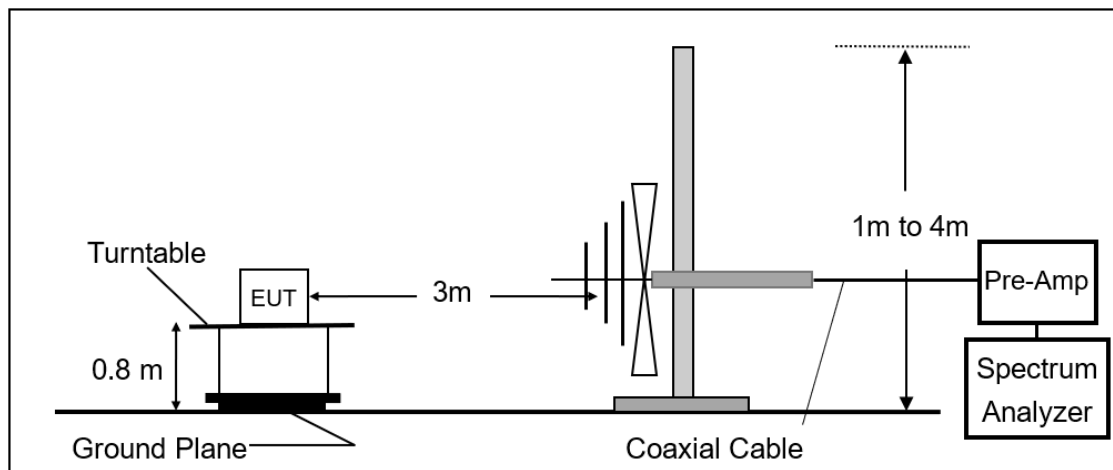
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9.2 Test Setup

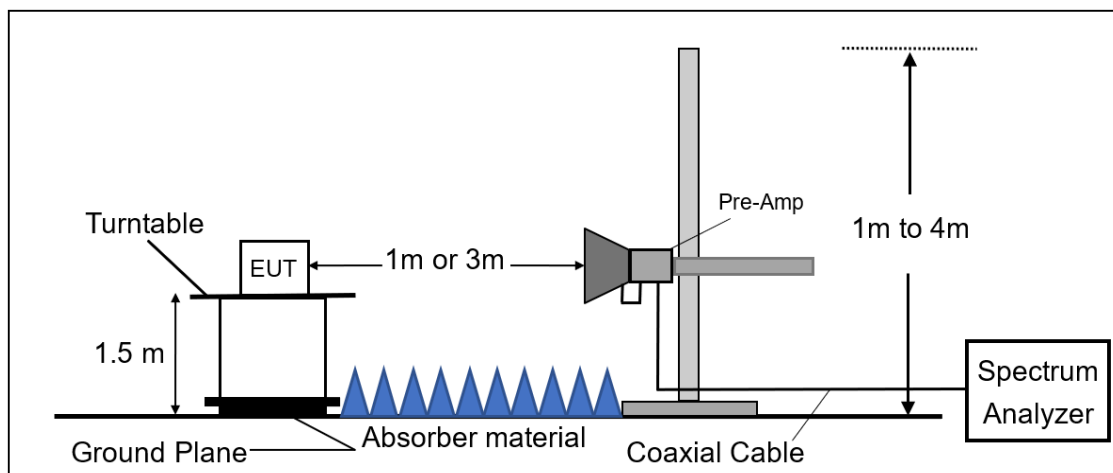
(A) Radiated Emission Test Set-Up, Frequency Below 30MHz.



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



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



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9.3 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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9.4 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)

9.5 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.

9.6 Measurement Result

Note:

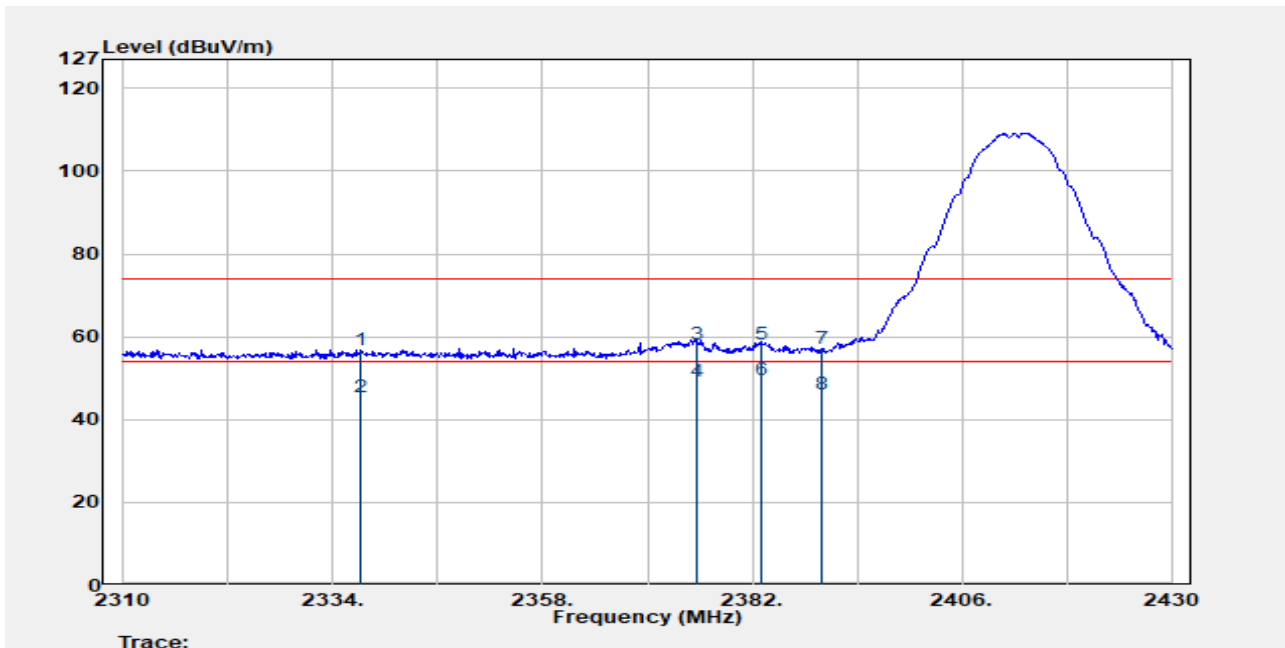
1. *Refer to next page spectrum analyzer data chart and tabular data sheets.*
2. *Measurements are completed at peak and average level, the mark of average is the highest emission in restricted bands*

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9.6.1 Radiated Band Edge Measurement Result

Report Number	:TERF2304001049ER	Test Site	:SAC 2
Operation Mode	:802.11b	Test Date	:2023-07-21
Test Frequency	:2412 MHz	Temp./Humi.	:25.9°C/55%
Test Mode	:Bandedge	Antenna Pol.	:Vertical
EUT Pol	:H Plane	Engineer	:Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2337.240	Peak	61.19	-4.37	56.81	74.00	-17.19
2337.240	Average	49.81	-4.37	45.44	54.00	-8.56
2375.600	Peak	62.58	-4.25	58.33	74.00	-15.67
2375.600	Average	53.42	-4.25	49.17	54.00	-4.83
2383.040	Peak	62.33	-4.20	58.13	74.00	-15.87
2383.040	Average	53.76	-4.20	49.56	54.00	-4.44
2390.000	Peak	61.13	-4.17	56.96	74.00	-17.04
2390.000	Average	50.25	-4.17	46.08	54.00	-7.92

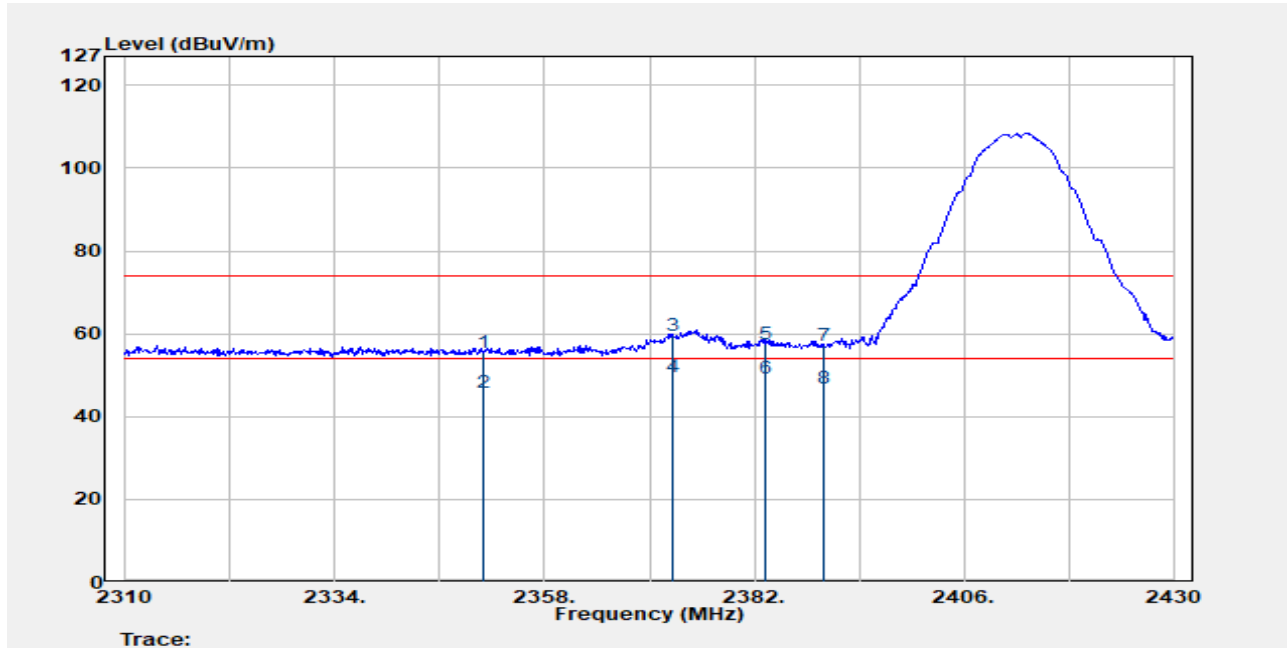
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Report Number :TERF2304001049ER
 Operation Mode :802.11b
 Test Frequency :2412 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2350.880	Peak	59.95	-4.39	55.56	74.00	-18.44
2350.880	Average	50.25	-4.39	45.86	54.00	-8.14
2372.720	Peak	63.90	-4.26	59.64	74.00	-14.36
2372.720	Average	53.74	-4.26	49.48	54.00	-4.52
2383.160	Peak	61.84	-4.20	57.64	74.00	-16.36
2383.160	Average	53.36	-4.20	49.16	54.00	-4.84
2390.000	Peak	61.17	-4.17	57.01	74.00	-16.99
2390.000	Average	51.04	-4.17	46.87	54.00	-7.13

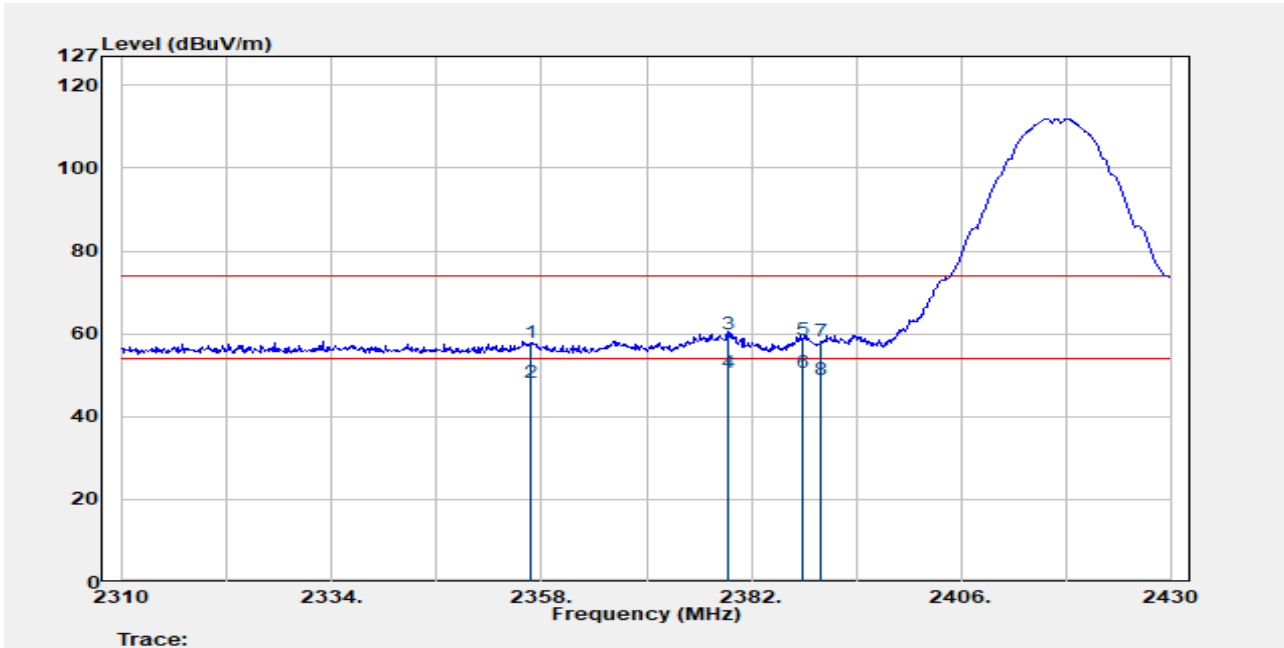
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Report Number :TERF2304001049ER
 Operation Mode :802.11b
 Test Frequency :2417 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2356.760	Peak	62.32	-4.35	57.97	74.00	-16.03
2356.760	Average	52.55	-4.35	48.20	54.00	-5.80
2379.320	Peak	64.24	-4.23	60.02	74.00	-13.98
2379.320	Average	54.69	-4.23	50.46	54.00	-3.54
2387.840	Peak	62.71	-4.18	58.54	74.00	-15.46
2387.840	Average	54.69	-4.18	50.51	54.00	-3.49
2390.000	Peak	62.41	-4.17	58.24	74.00	-15.76
2390.000	Average	52.92	-4.17	48.75	54.00	-5.25

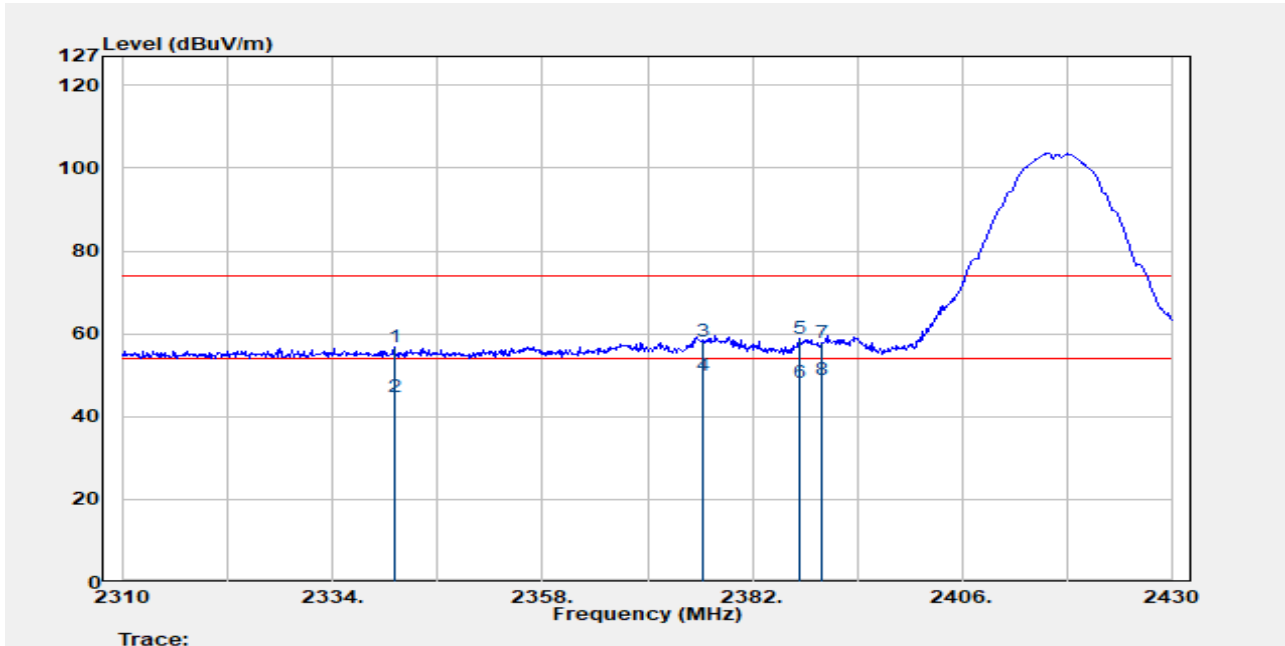
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Report Number :TERF2304001049ER
 Operation Mode :802.11b
 Test Frequency :2417 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2340.960	Peak	61.29	-4.38	56.91	74.00	-17.09
2340.960	Average	49.15	-4.38	44.77	54.00	-9.23
2376.320	Peak	62.39	-4.24	58.15	74.00	-15.85
2376.320	Average	54.08	-4.24	49.84	54.00	-4.16
2387.400	Peak	63.14	-4.18	58.96	74.00	-15.04
2387.400	Average	52.48	-4.18	48.30	54.00	-5.70
2390.000	Peak	61.93	-4.17	57.76	74.00	-16.24
2390.000	Average	52.99	-4.17	48.82	54.00	-5.18

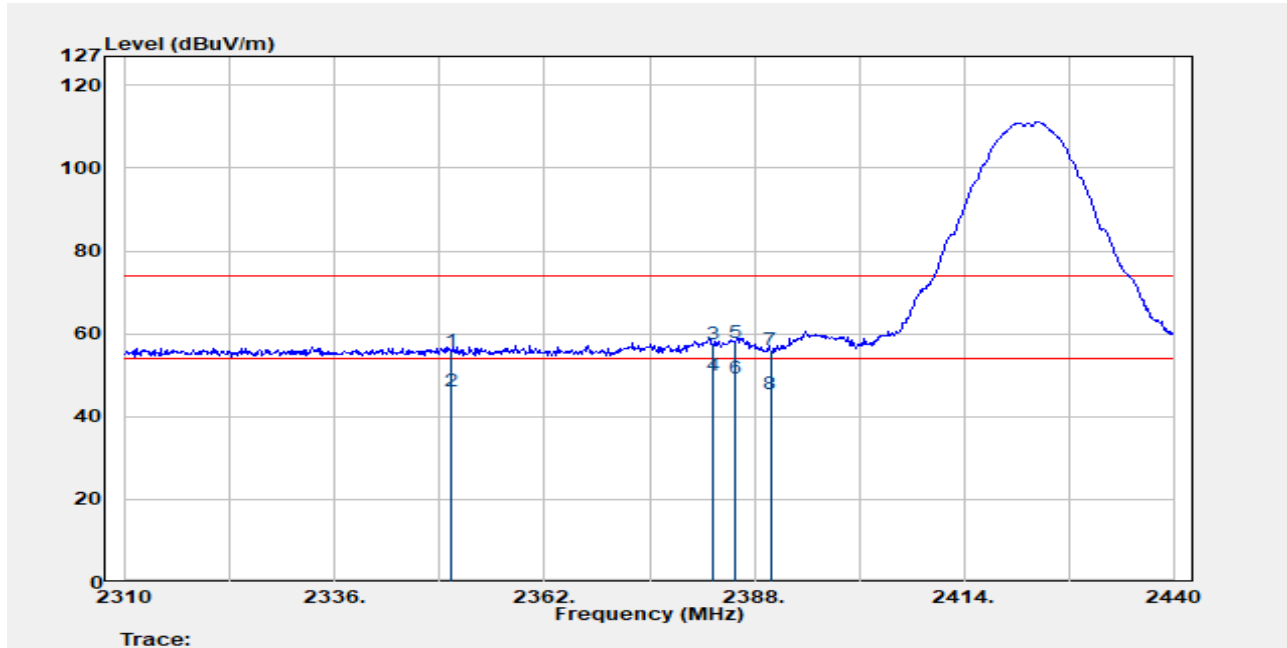
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Report Number :TERF2304001049ER
 Operation Mode :802.11b
 Test Frequency :2422 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2350.480	Peak	60.08	-4.39	55.70	74.00	-18.30
2350.480	Average	50.34	-4.39	45.95	54.00	-8.05
2382.850	Peak	61.82	-4.21	57.61	74.00	-16.39
2382.850	Average	54.25	-4.21	50.04	54.00	-3.96
2385.580	Peak	61.95	-4.19	57.76	74.00	-16.24
2385.580	Average	53.33	-4.19	49.14	54.00	-4.86
2390.000	Peak	60.30	-4.17	56.14	74.00	-17.86
2390.000	Average	49.65	-4.17	45.48	54.00	-8.52

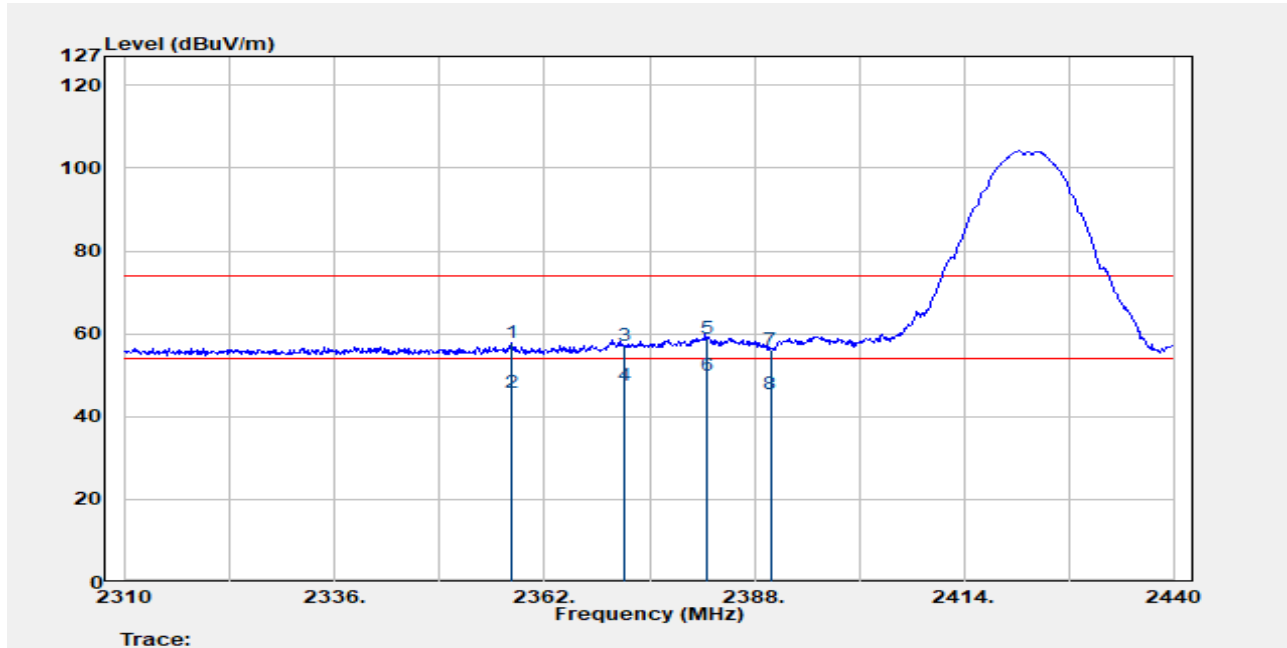
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Report Number :TERF2304001049ER
 Operation Mode :802.11b
 Test Frequency :2422 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2357.840	Peak	62.20	-4.35	57.86	74.00	-16.14
2357.840	Average	50.02	-4.35	45.67	54.00	-8.33
2371.800	Peak	61.54	-4.27	57.28	74.00	-16.72
2371.800	Average	51.84	-4.27	47.57	54.00	-6.43
2382.070	Peak	63.11	-4.21	58.90	74.00	-15.10
2382.070	Average	54.06	-4.21	49.85	54.00	-4.15
2390.000	Peak	60.41	-4.17	56.24	74.00	-17.76
2390.000	Average	49.60	-4.17	45.43	54.00	-8.57

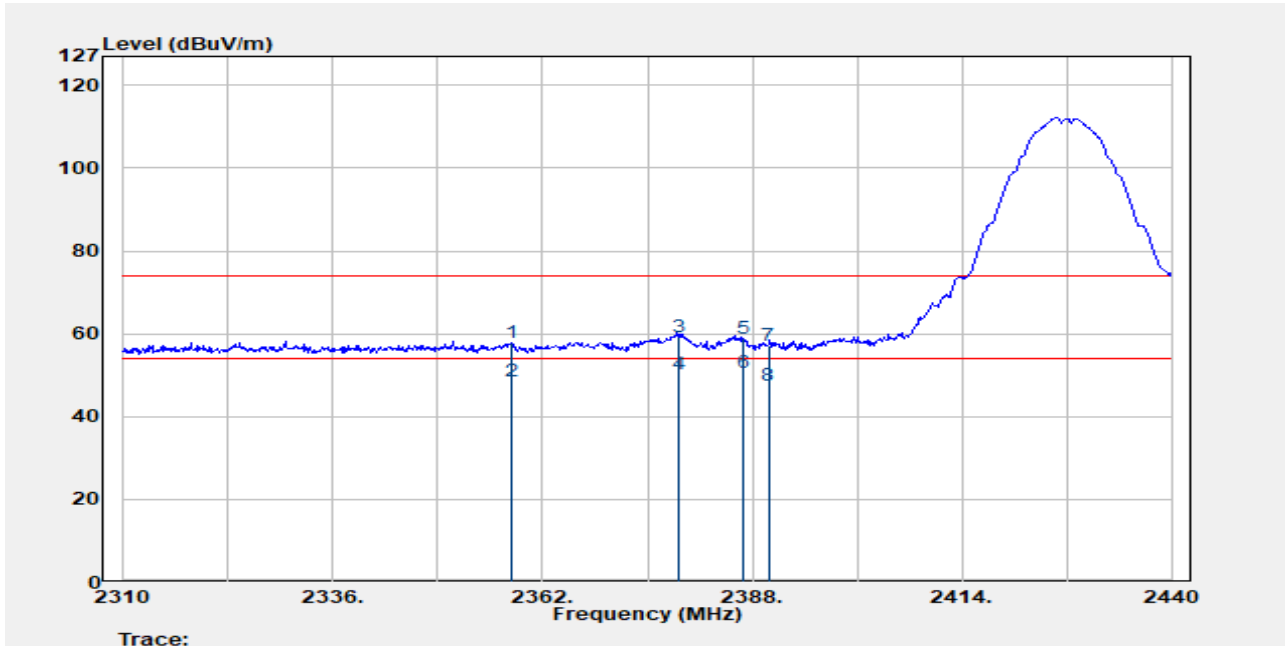
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Report Number :TERF2304001049ER
 Operation Mode :802.11b
 Test Frequency :2427 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2358.100	Peak	62.19	-4.34	57.85	74.00	-16.15
2358.100	Average	52.79	-4.34	48.45	54.00	-5.55
2378.820	Peak	63.45	-4.23	59.22	74.00	-14.78
2378.820	Average	54.52	-4.23	50.29	54.00	-3.71
2386.880	Peak	63.03	-4.18	58.84	74.00	-15.16
2386.880	Average	54.63	-4.18	50.45	54.00	-3.55
2390.000	Peak	61.45	-4.17	57.29	74.00	-16.71
2390.000	Average	51.78	-4.17	47.61	54.00	-6.39

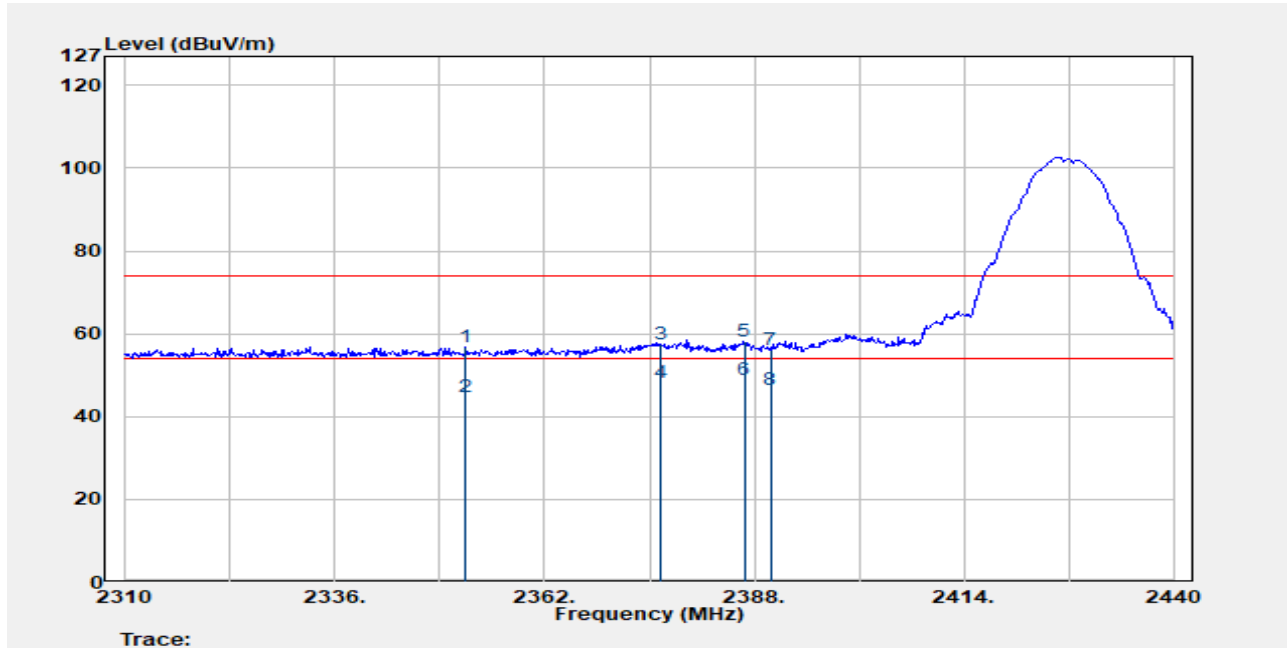
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Report Number :TERF2304001049ER
 Operation Mode :802.11b
 Test Frequency :2427 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2352.250	Peak	61.10	-4.38	56.72	74.00	-17.28
2352.250	Average	49.22	-4.38	44.84	54.00	-9.16
2376.480	Peak	61.69	-4.24	57.45	74.00	-16.55
2376.480	Average	52.56	-4.24	48.32	54.00	-5.68
2386.750	Peak	62.32	-4.18	58.14	74.00	-15.86
2386.750	Average	53.02	-4.18	48.84	54.00	-5.16
2390.000	Peak	60.38	-4.17	56.22	74.00	-17.78
2390.000	Average	50.50	-4.17	46.33	54.00	-7.67

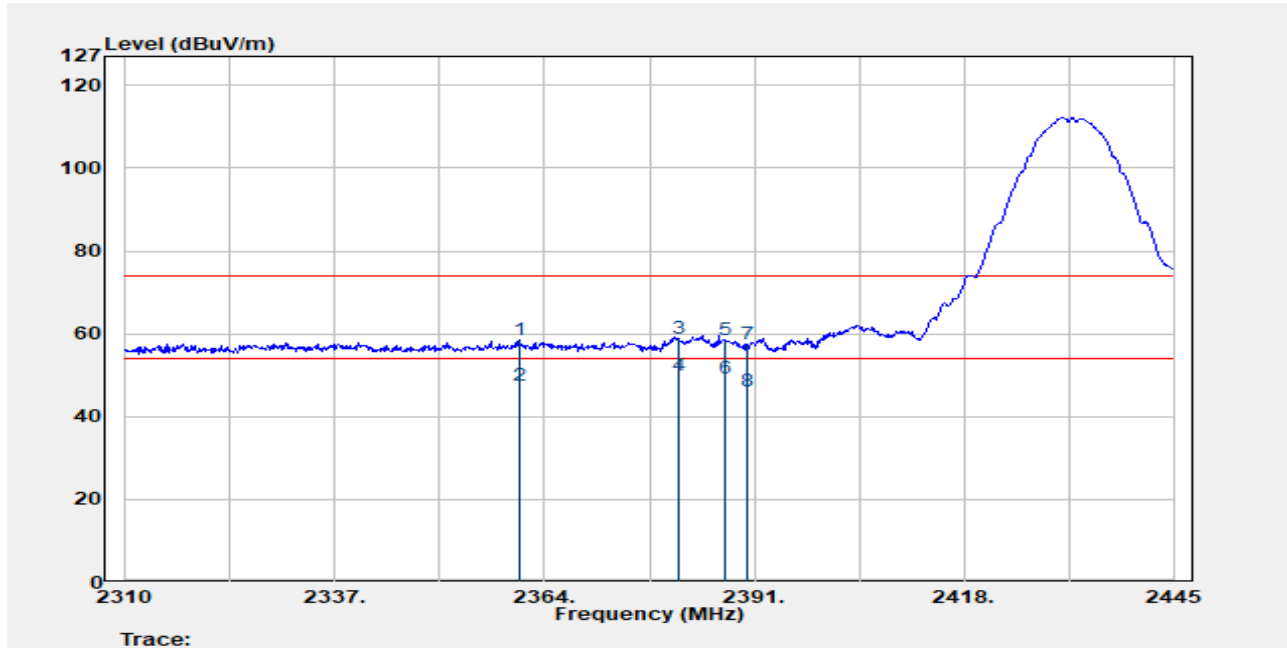
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Report Number :TERF2304001049ER
 Operation Mode :802.11b
 Test Frequency :2432 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2360.760	Peak	63.01	-4.33	58.68	74.00	-15.32
2360.760	Average	51.78	-4.33	47.45	54.00	-6.55
2381.225	Peak	63.10	-4.21	58.89	74.00	-15.11
2381.225	Average	53.96	-4.21	49.75	54.00	-4.25
2387.165	Peak	62.85	-4.18	58.67	74.00	-15.33
2387.165	Average	53.25	-4.18	49.07	54.00	-4.93
2390.000	Peak	61.68	-4.17	57.51	74.00	-16.49
2390.000	Average	50.28	-4.17	46.11	54.00	-7.89

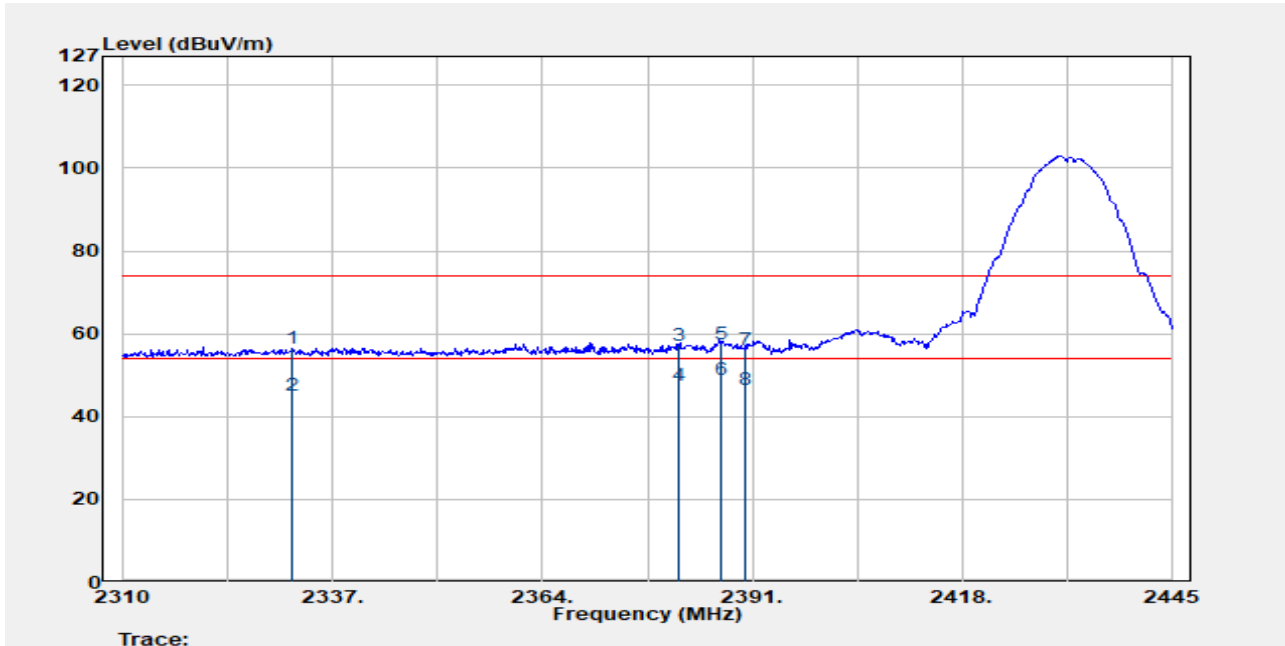
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Report Number :TERF2304001049ER
 Operation Mode :802.11b
 Test Frequency :2432 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2331.735	Peak	60.96	-4.36	56.59	74.00	-17.41
2331.735	Average	49.38	-4.36	45.02	54.00	-8.98
2381.495	Peak	61.28	-4.21	57.07	74.00	-16.93
2381.495	Average	51.79	-4.21	47.58	54.00	-6.42
2387.030	Peak	61.70	-4.18	57.52	74.00	-16.48
2387.030	Average	53.12	-4.18	48.94	54.00	-5.06
2390.000	Peak	60.42	-4.17	56.26	74.00	-17.74
2390.000	Average	50.79	-4.17	46.62	54.00	-7.38

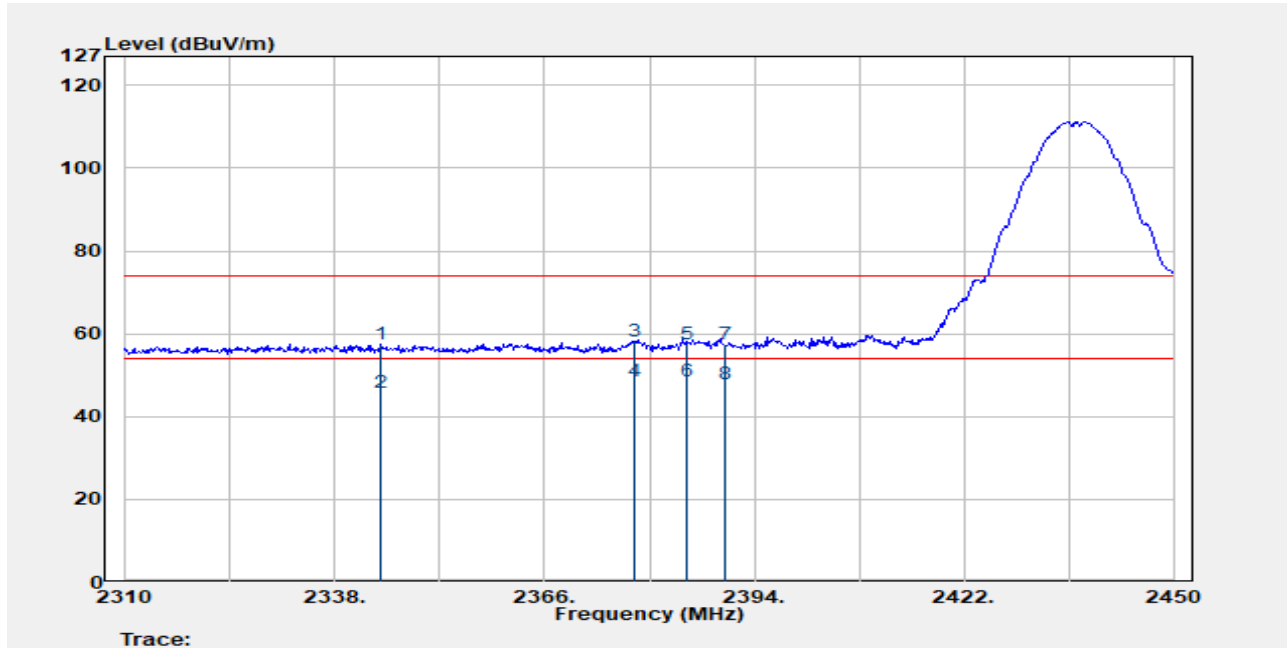
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Report Number :TERF2304001049ER
 Operation Mode :802.11b
 Test Frequency :2437 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2344.020	Peak	61.89	-4.38	57.51	74.00	-16.49
2344.020	Average	50.08	-4.38	45.70	54.00	-8.30
2377.960	Peak	62.41	-4.23	58.18	74.00	-15.82
2377.960	Average	52.79	-4.23	48.56	54.00	-5.44
2384.960	Peak	61.82	-4.19	57.63	74.00	-16.37
2384.960	Average	52.89	-4.19	48.70	54.00	-5.30
2390.000	Peak	61.67	-4.17	57.51	74.00	-16.49
2390.000	Average	52.08	-4.17	47.91	54.00	-6.09

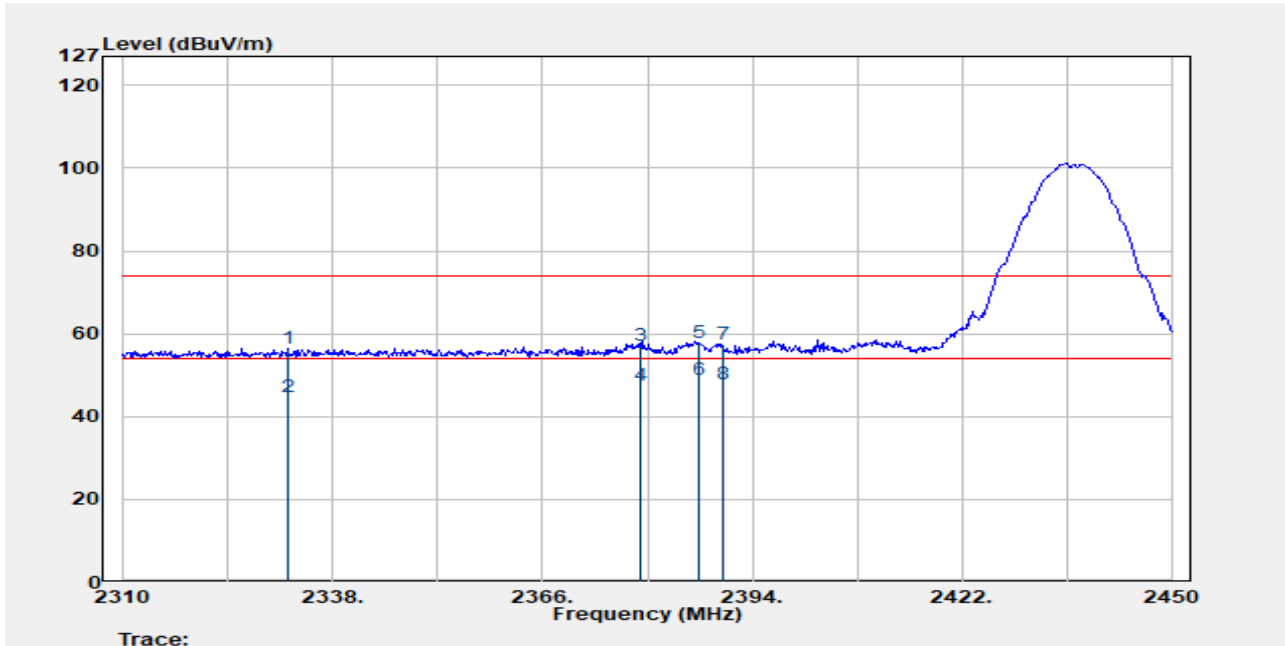
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Report Number :TERF2304001049ER
 Operation Mode :802.11b
 Test Frequency :2437 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2331.840	Peak	60.76	-4.36	56.39	74.00	-17.61
2331.840	Average	49.08	-4.36	44.72	54.00	-9.28
2379.080	Peak	61.51	-4.23	57.29	74.00	-16.71
2379.080	Average	51.69	-4.23	47.46	54.00	-6.54
2386.780	Peak	61.92	-4.18	57.73	74.00	-16.27
2386.780	Average	53.08	-4.18	48.90	54.00	-5.10
2390.000	Peak	61.55	-4.17	57.38	74.00	-16.62
2390.000	Average	51.99	-4.17	47.82	54.00	-6.18

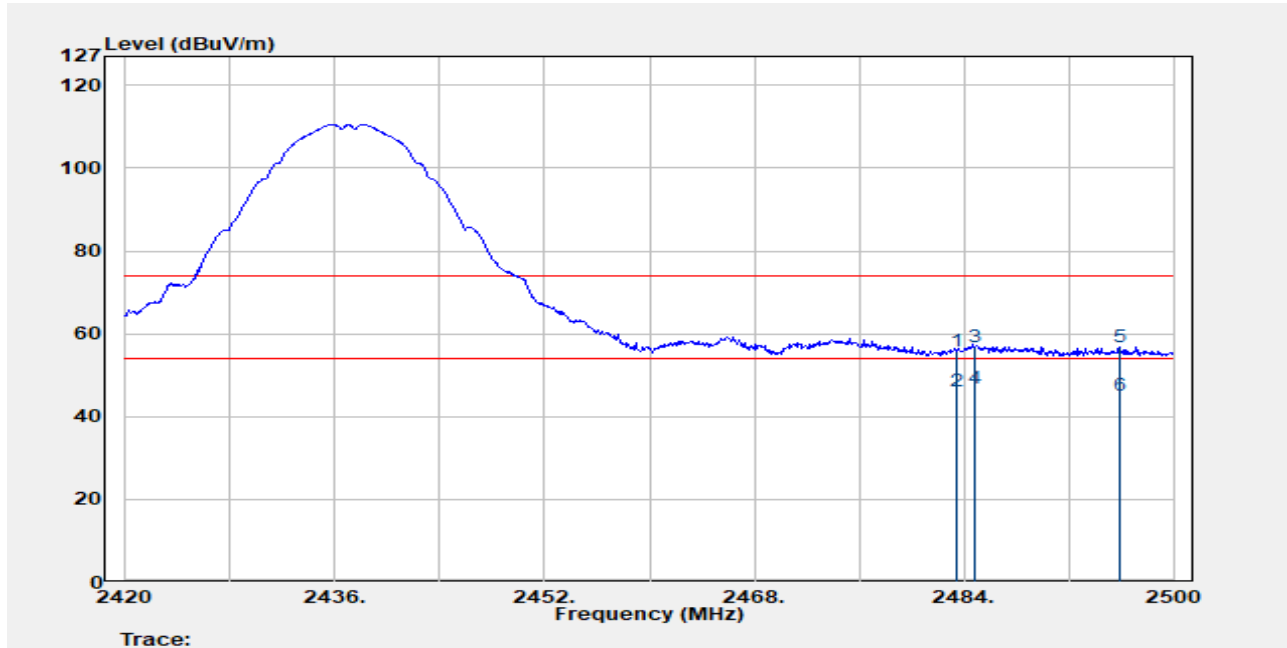
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Report Number :TERF2304001049ER
 Operation Mode :802.11b
 Test Frequency :2437 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2483.500	Peak	60.11	-4.26	55.86	74.00	-18.14
2483.500	Average	50.33	-4.26	46.07	54.00	-7.93
2484.860	Peak	61.09	-4.25	56.84	74.00	-17.16
2484.860	Average	51.06	-4.25	46.81	54.00	-7.19
2495.840	Peak	61.00	-4.16	56.84	74.00	-17.16
2495.840	Average	49.38	-4.16	45.22	54.00	-8.78

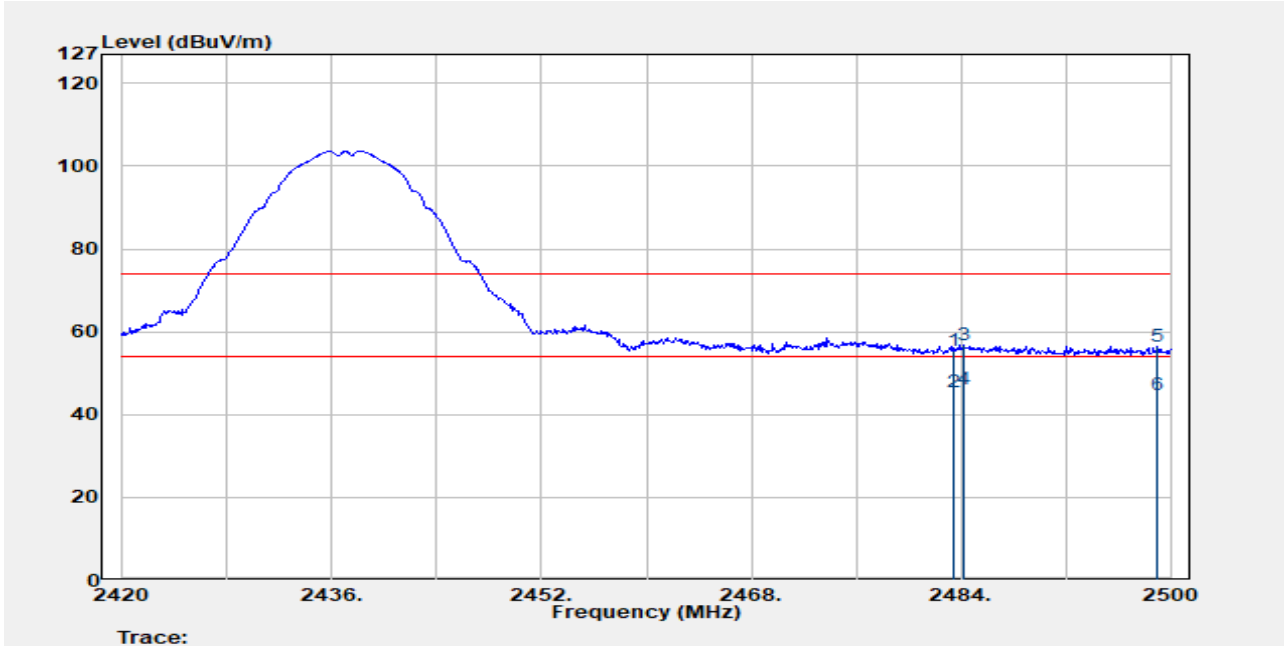
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Report Number :TERF2304001049ER
 Operation Mode :802.11b
 Test Frequency :2437 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2483.500	Peak	59.69	-4.26	55.43	74.00	-18.57
2483.500	Average	49.79	-4.26	45.53	54.00	-8.47
2484.220	Peak	60.95	-4.25	56.70	74.00	-17.30
2484.220	Average	50.34	-4.25	46.09	54.00	-7.91
2499.040	Peak	60.65	-4.14	56.52	74.00	-17.48
2499.040	Average	48.76	-4.14	44.62	54.00	-9.38

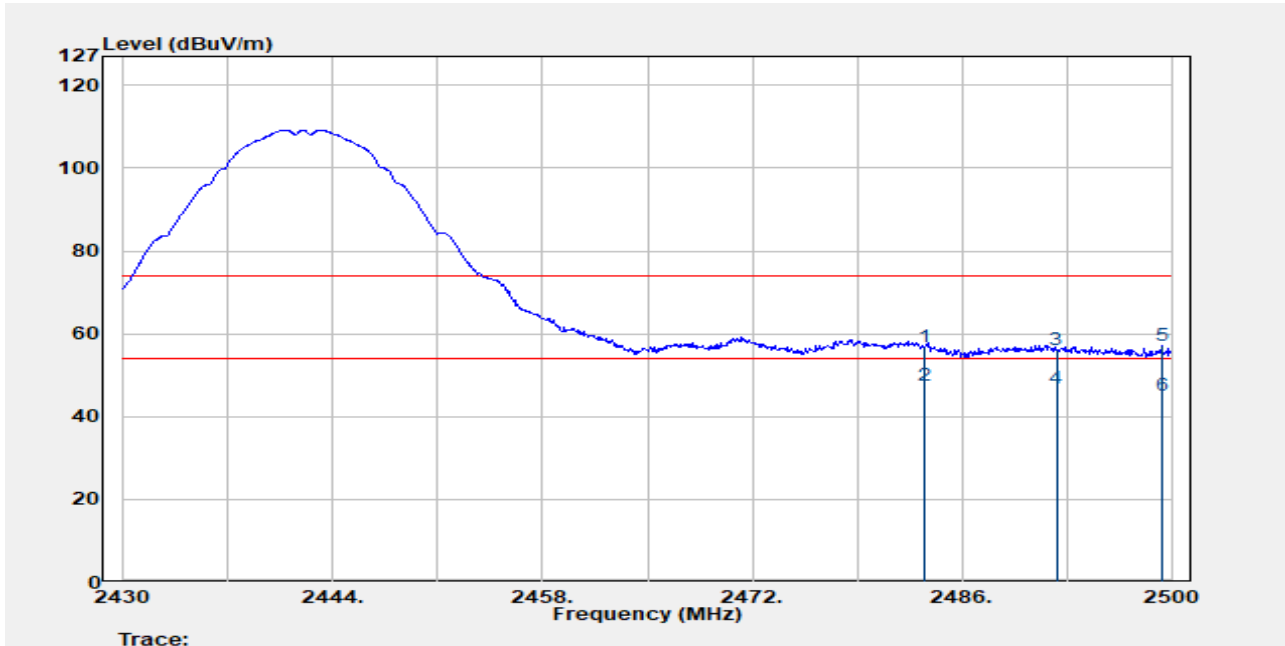
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Report Number :TERF2304001049ER
 Operation Mode :802.11b
 Test Frequency :2442 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2483.500	Peak	61.05	-4.26	56.79	74.00	-17.21
2483.500	Average	51.70	-4.26	47.44	54.00	-6.56
2492.320	Peak	60.29	-4.19	56.11	74.00	-17.89
2492.320	Average	51.06	-4.19	46.87	54.00	-7.13
2499.370	Peak	61.26	-4.13	57.12	74.00	-16.88
2499.370	Average	49.09	-4.13	44.96	54.00	-9.04

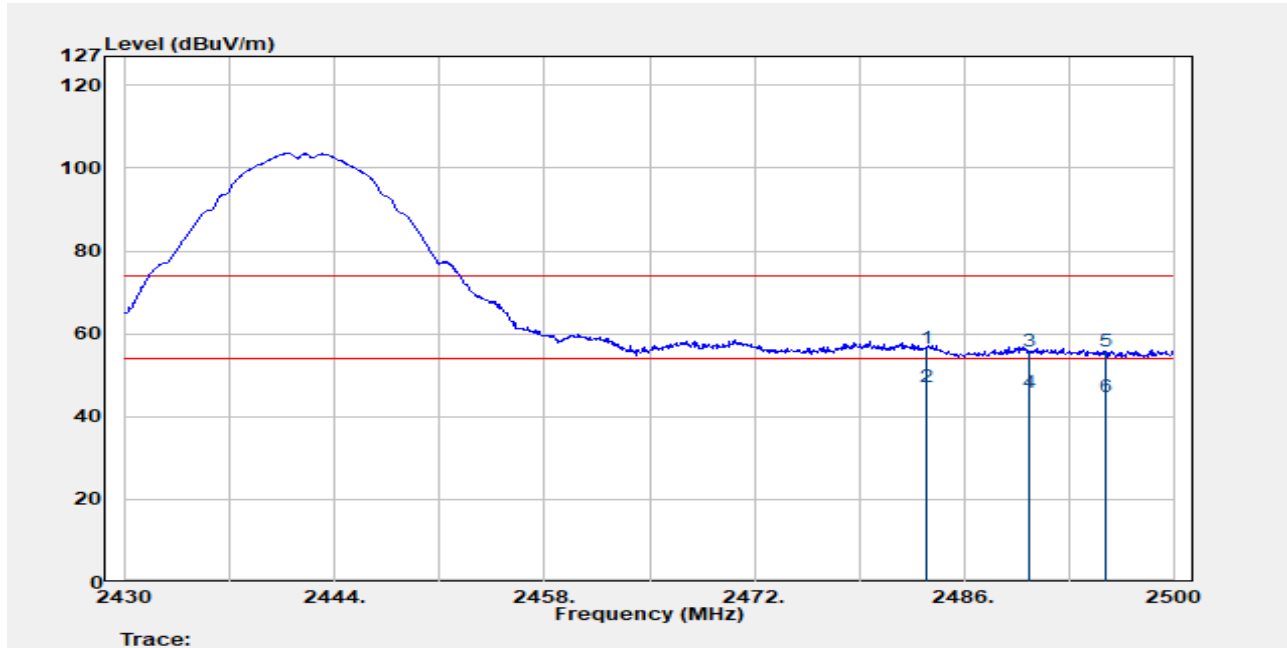
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 Operation Mode :802.11b
 Test Frequency :2442 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2483.500	Peak	60.81	-4.26	56.55	74.00	-17.45
2483.500	Average	51.26	-4.26	47.00	54.00	-7.00
2490.430	Peak	60.09	-4.20	55.89	74.00	-18.11
2490.430	Average	49.93	-4.20	45.73	54.00	-8.27
2495.520	Peak	59.96	-4.16	55.80	74.00	-18.20
2495.520	Average	48.77	-4.16	44.61	54.00	-9.39

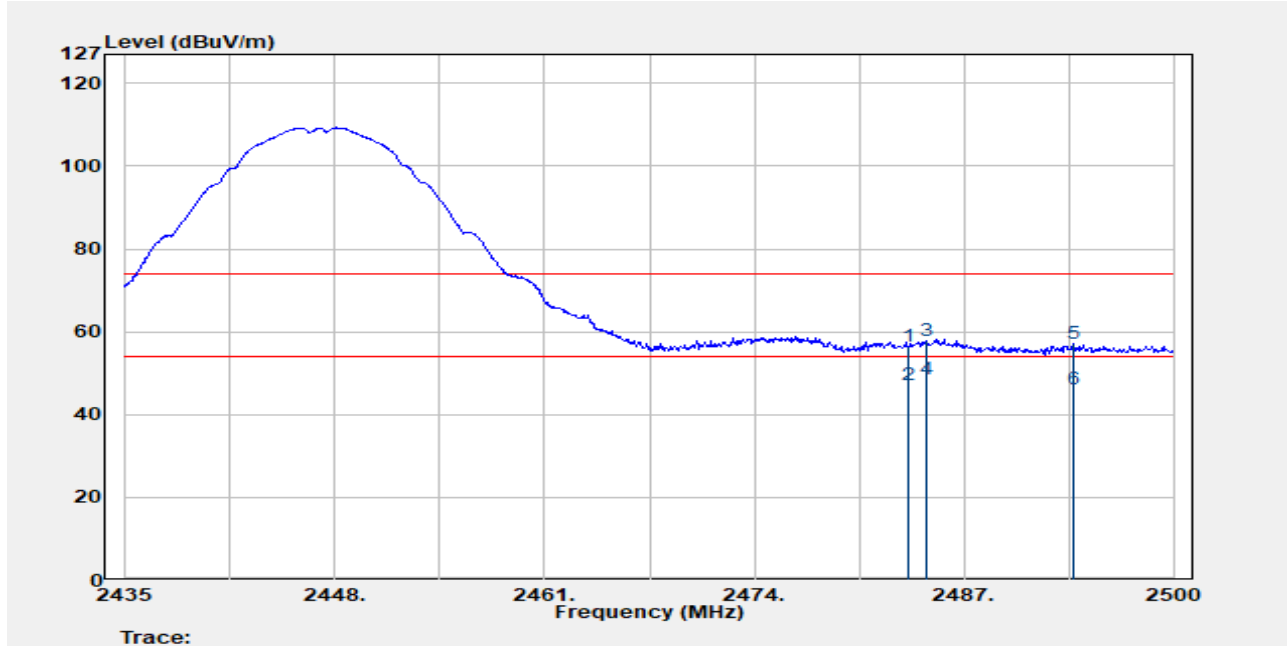
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Report Number :TERF2304001049ER
 Operation Mode :802.11b
 Test Frequency :2447 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	60.86	-4.26	56.60	74.00	-17.40
2483.500	Average	51.32	-4.26	47.06	54.00	-6.94
2484.670	Peak	62.11	-4.25	57.87	74.00	-16.13
2484.670	Average	52.74	-4.25	48.49	54.00	-5.51
2493.760	Peak	61.31	-4.18	57.13	74.00	-16.87
2493.760	Average	50.26	-4.18	46.08	54.00	-7.92

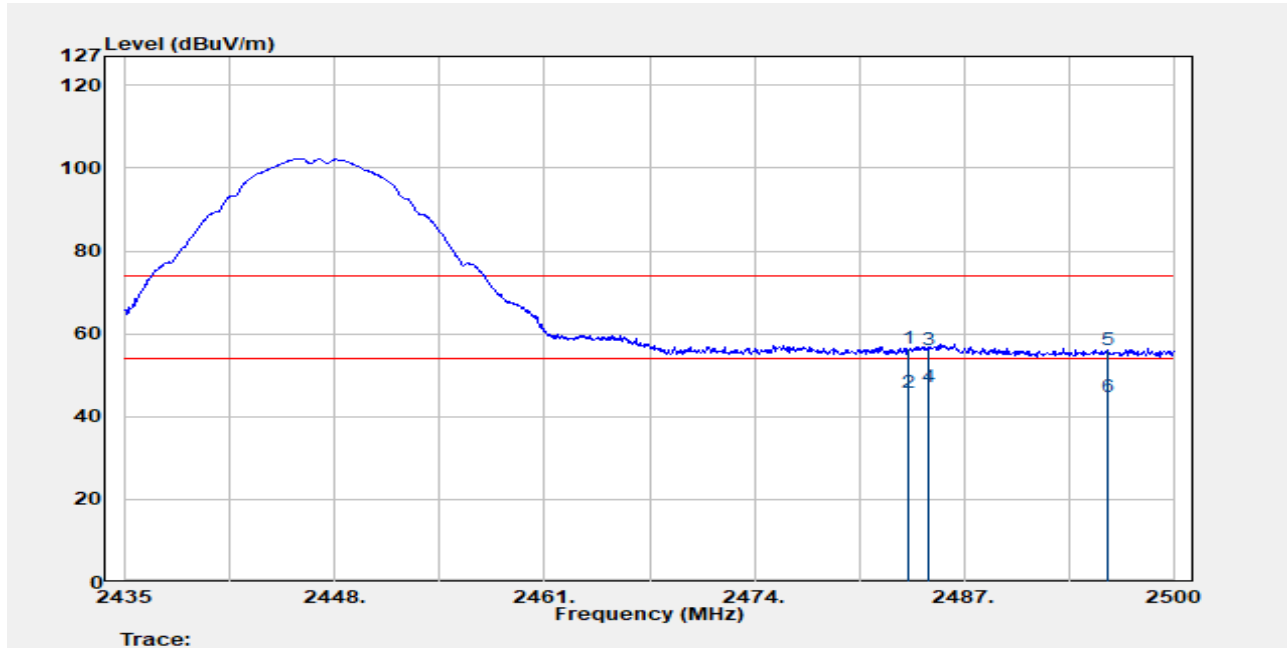
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Report Number :TERF2304001049ER
 Operation Mode :802.11b
 Test Frequency :2447 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.500	Peak	60.77	-4.26	56.51	74.00	-17.49
2483.500	Average	50.18	-4.26	45.92	54.00	-8.08
2484.800	Peak	60.48	-4.25	56.23	74.00	-17.77
2484.800	Average	51.45	-4.25	47.20	54.00	-6.80
2495.905	Peak	60.38	-4.16	56.22	74.00	-17.78
2495.905	Average	49.02	-4.16	44.86	54.00	-9.14

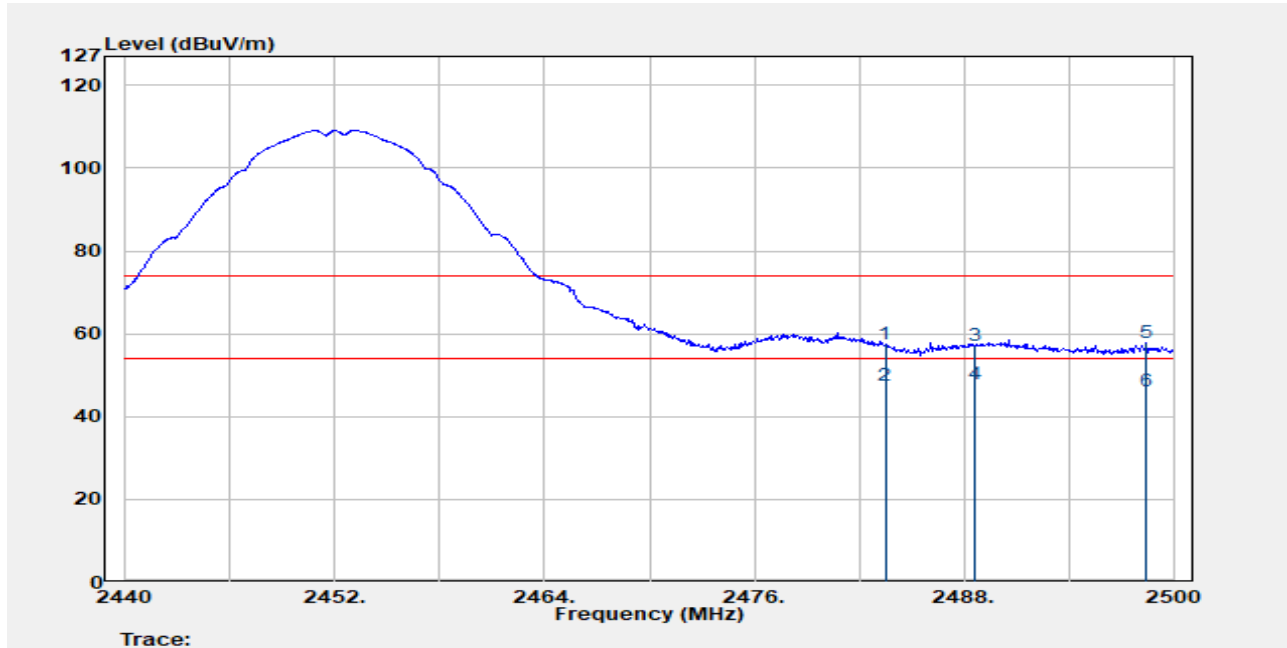
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Report Number :TERF2304001049ER
 Operation Mode :802.11b
 Test Frequency :2452 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	61.80	-4.26	57.54	74.00	-16.46
2483.500	Average	51.63	-4.26	47.37	54.00	-6.63
2488.600	Peak	61.18	-4.22	56.96	74.00	-17.04
2488.600	Average	52.13	-4.22	47.91	54.00	-6.09
2498.440	Peak	61.90	-4.14	57.76	74.00	-16.24
2498.440	Average	50.16	-4.14	46.02	54.00	-7.98

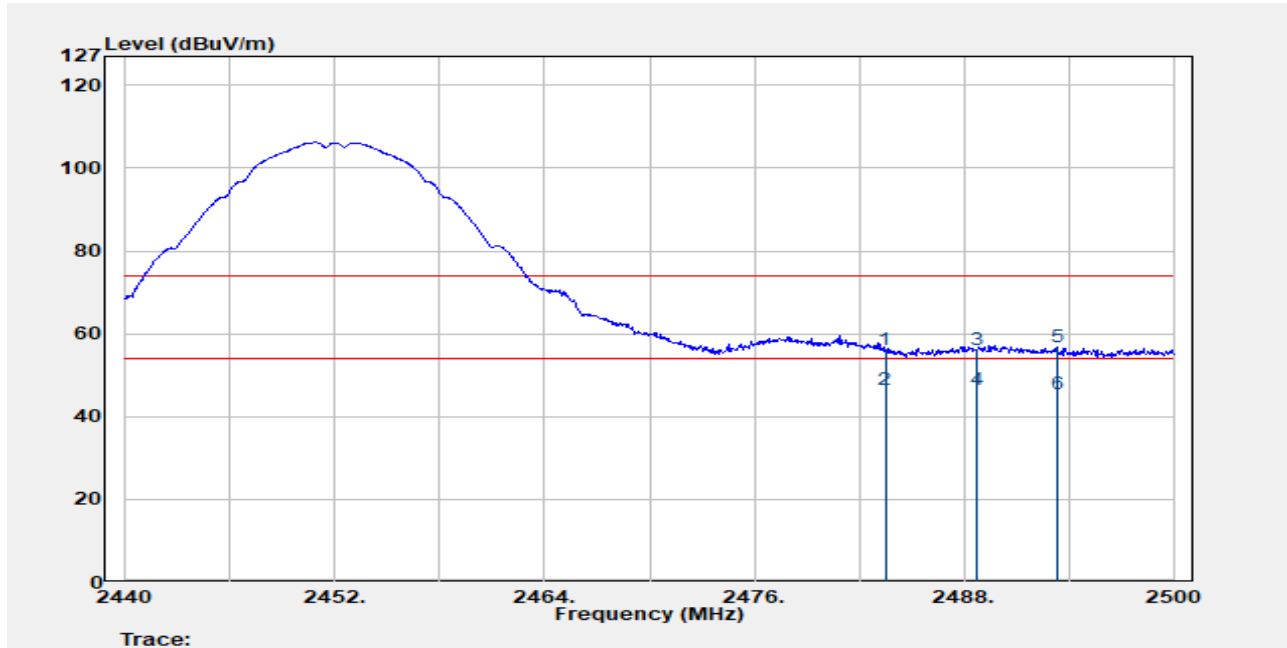
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Report Number :TERF2304001049ER
 Operation Mode :802.11b
 Test Frequency :2452 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	60.36	-4.26	56.10	74.00	-17.90
2483.500	Average	50.59	-4.26	46.33	54.00	-7.67
2488.720	Peak	60.29	-4.22	56.08	74.00	-17.92
2488.720	Average	50.78	-4.22	46.56	54.00	-7.44
2493.340	Peak	60.82	-4.18	56.64	74.00	-17.36
2493.340	Average	49.69	-4.18	45.51	54.00	-8.49

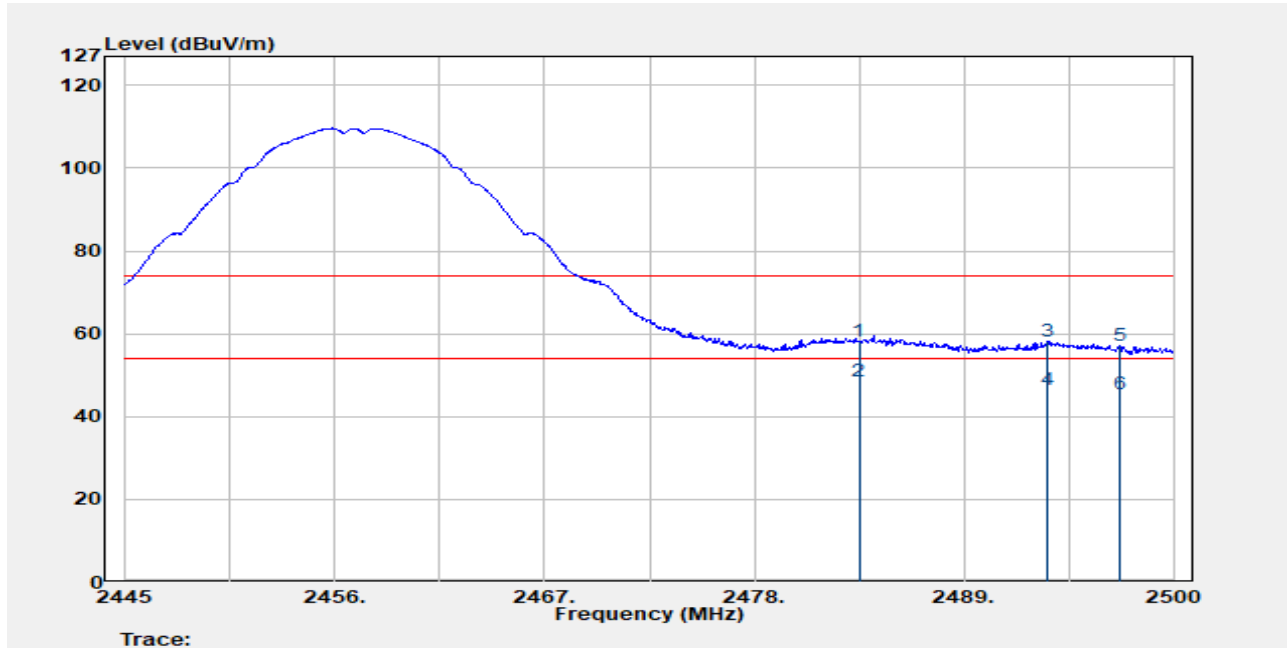
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Report Number :TERF2304001049ER
 Operation Mode :802.11b
 Test Frequency :2457 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	62.35	-4.26	58.09	74.00	-15.91
2483.500	Average	52.93	-4.26	48.67	54.00	-5.33
2493.400	Peak	62.50	-4.18	58.32	74.00	-15.68
2493.400	Average	50.56	-4.18	46.38	54.00	-7.62
2497.140	Peak	61.35	-4.15	57.20	74.00	-16.80
2497.140	Average	49.69	-4.15	45.54	54.00	-8.46

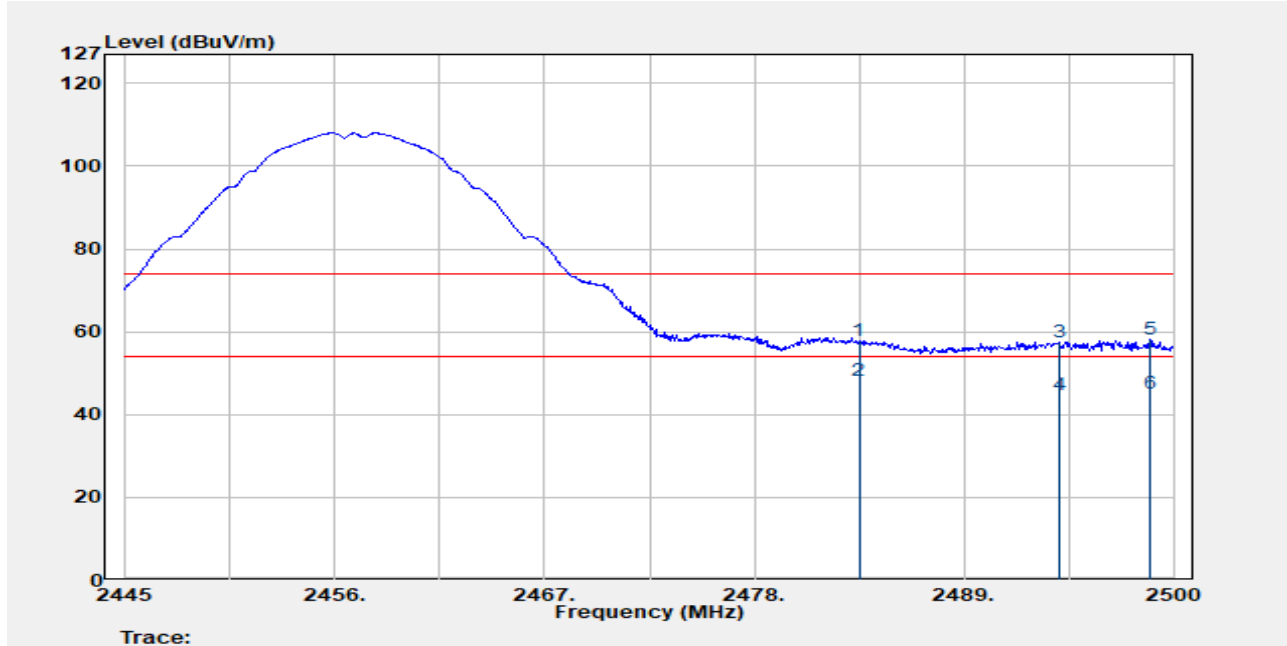
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Report Number :TERF2304001049ER
 Operation Mode :802.11b
 Test Frequency :2457 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2483.500	Peak	62.09	-4.26	57.83	74.00	-16.17
2483.500	Average	52.42	-4.26	48.16	54.00	-5.84
2494.005	Peak	61.82	-4.18	57.65	74.00	-16.35
2494.005	Average	49.06	-4.18	44.88	54.00	-9.12
2498.735	Peak	62.19	-4.14	58.05	74.00	-15.95
2498.735	Average	49.18	-4.14	45.04	54.00	-8.96

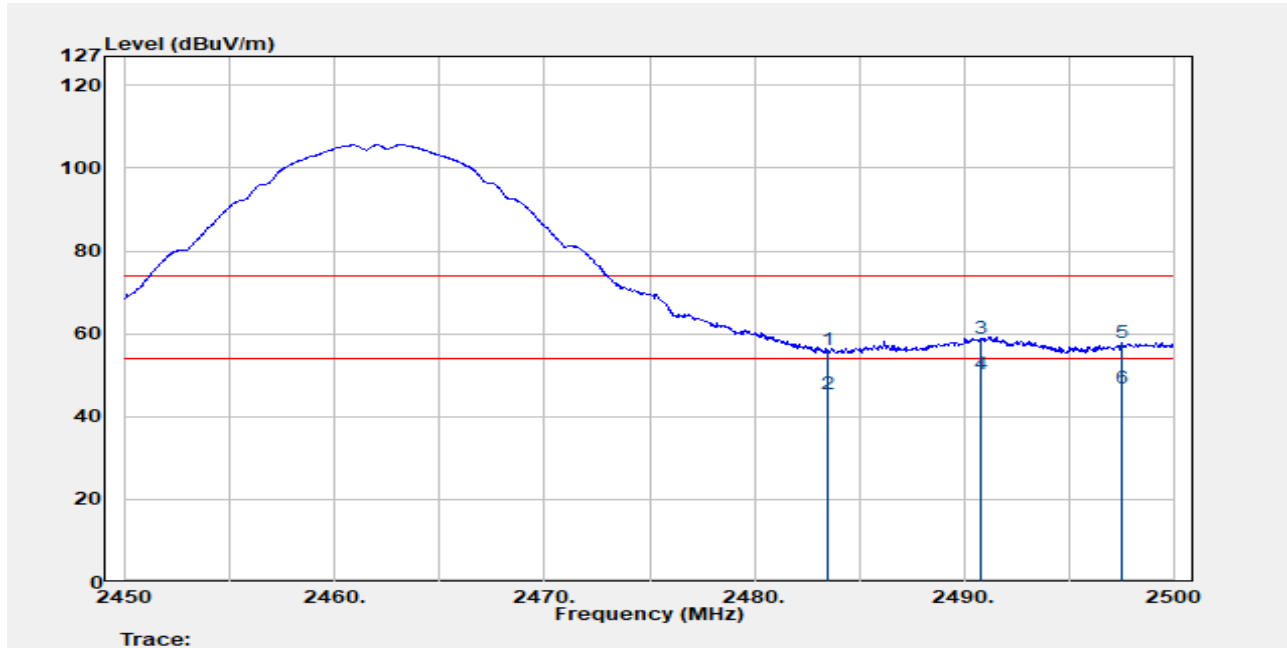
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Report Number :TERF2304001049ER
 Operation Mode :802.11b
 Test Frequency :2462 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	60.23	-4.26	55.98	74.00	-18.02
2483.500	Average	49.83	-4.26	45.57	54.00	-8.43
2490.850	Peak	63.14	-4.20	58.94	74.00	-15.06
2490.850	Average	54.39	-4.20	50.19	54.00	-3.81
2497.500	Peak	62.13	-4.15	57.98	74.00	-16.02
2497.500	Average	50.79	-4.15	46.64	54.00	-7.36

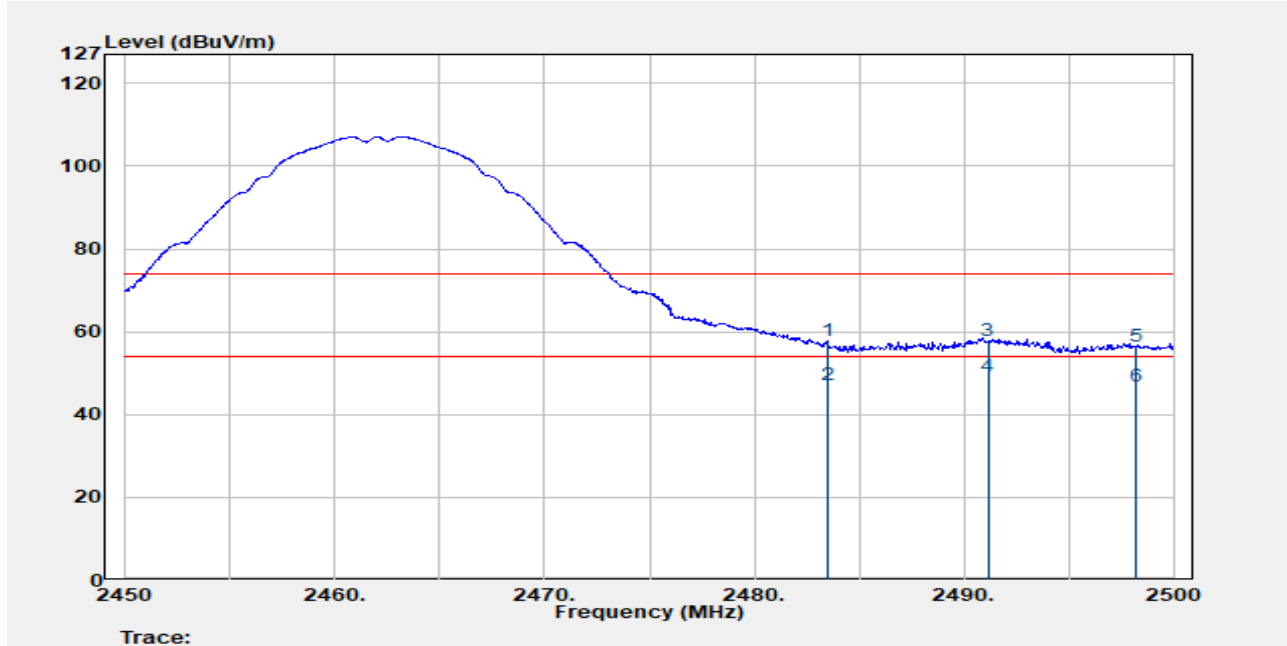
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Report Number :TERF2304001049ER
 Operation Mode :802.11b
 Test Frequency :2462 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	62.17	-4.26	57.91	74.00	-16.09
2483.500	Average	51.32	-4.26	47.06	54.00	-6.94
2491.150	Peak	61.94	-4.20	57.74	74.00	-16.26
2491.150	Average	53.36	-4.20	49.16	54.00	-4.84
2498.250	Peak	60.45	-4.14	56.31	74.00	-17.69
2498.250	Average	50.95	-4.14	46.81	54.00	-7.19

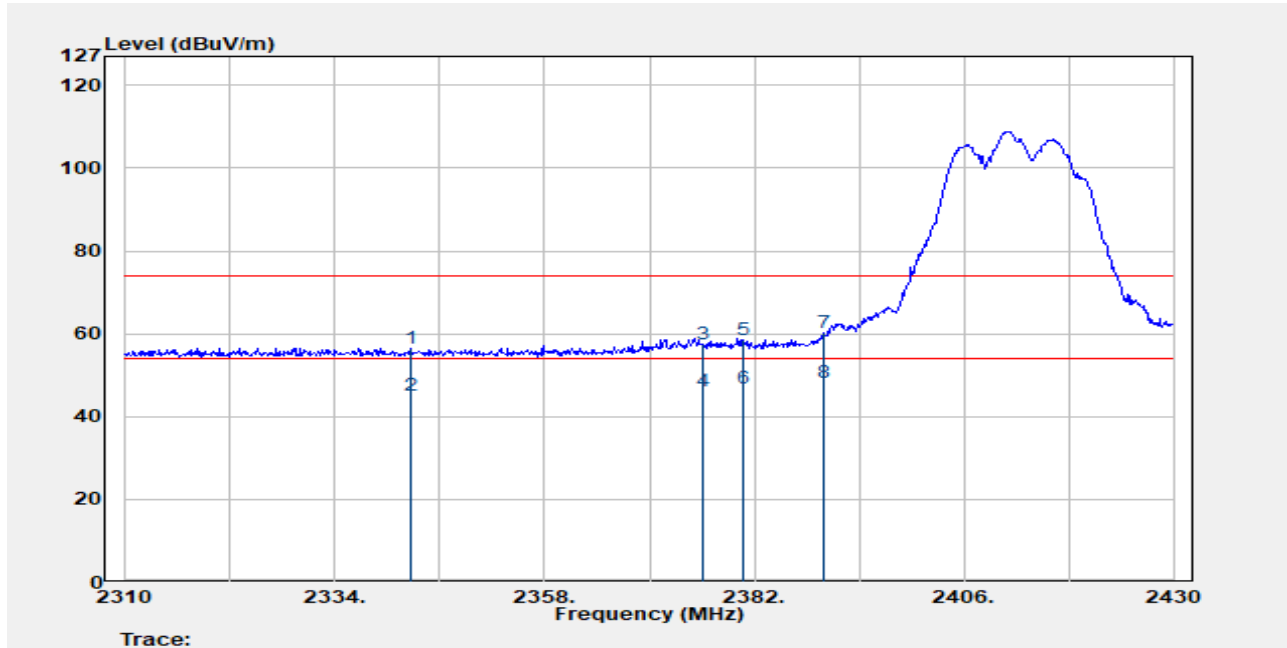
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Report Number :TERF2304001049ER
 Operation Mode :802.11g
 Test Frequency :2412 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2342.640	Peak	60.77	-4.38	56.39	74.00	-17.61
2342.640	Average	49.42	-4.38	45.04	54.00	-8.96
2376.080	Peak	61.81	-4.24	57.56	74.00	-16.44
2376.080	Average	50.46	-4.24	46.22	54.00	-7.78
2380.760	Peak	62.57	-4.22	58.36	74.00	-15.64
2380.760	Average	51.07	-4.22	46.85	54.00	-7.15
2390.000	Peak	64.28	-4.17	60.12	74.00	-13.88
2390.000	Average	52.26	-4.17	48.09	54.00	-5.91

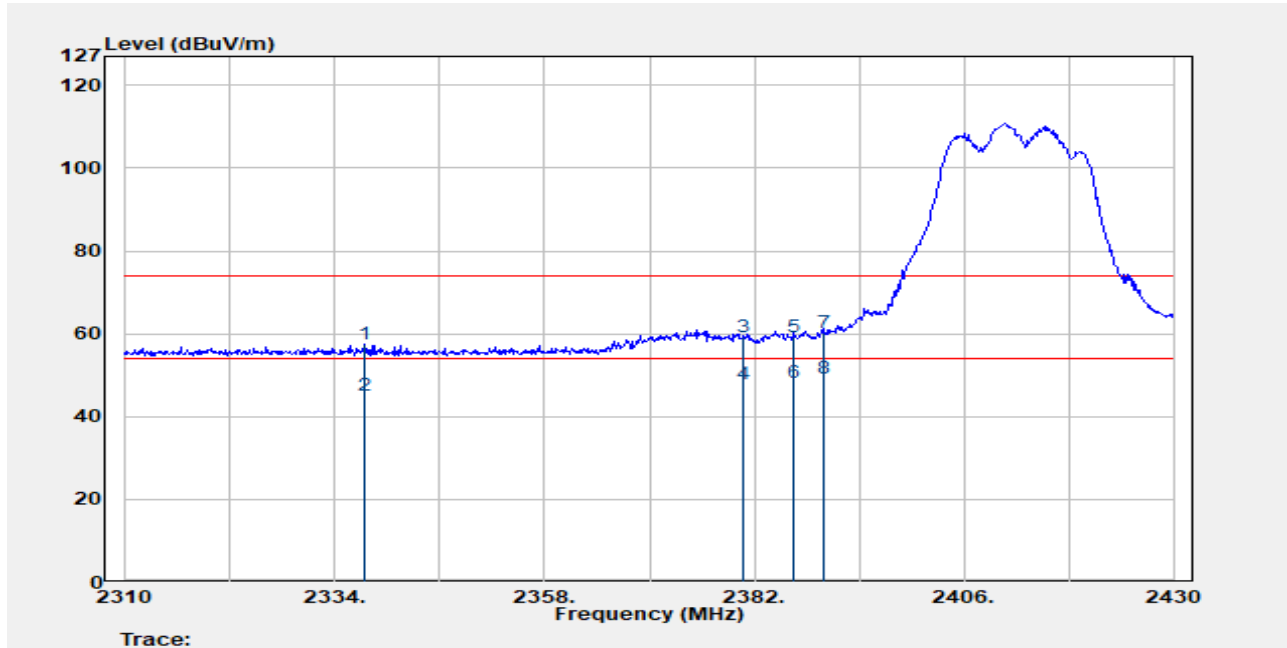
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Report Number :TERF2304001049ER
 Operation Mode :802.11g
 Test Frequency :2412 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2337.360	Peak	61.71	-4.37	57.33	74.00	-16.67
2337.360	Average	49.45	-4.37	45.08	54.00	-8.92
2380.640	Peak	63.35	-4.22	59.13	74.00	-14.87
2380.640	Average	51.93	-4.22	47.71	54.00	-6.29
2386.400	Peak	63.39	-4.19	59.20	74.00	-14.80
2386.400	Average	52.53	-4.19	48.34	54.00	-5.66
2390.000	Peak	64.26	-4.17	60.09	74.00	-13.91
2390.000	Average	53.23	-4.17	49.06	54.00	-4.94

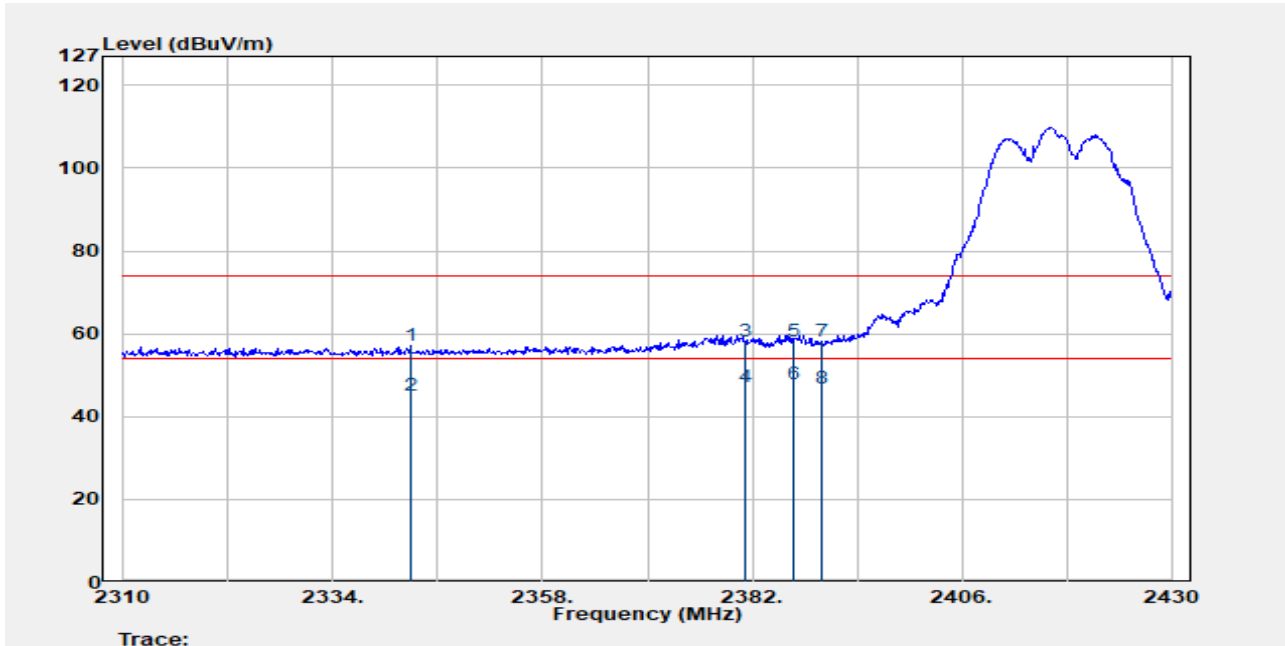
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Report Number :TERF2304001049ER
 Operation Mode :802.11g
 Test Frequency :2417 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2342.880	Peak	61.63	-4.38	57.25	74.00	-16.75
2342.880	Average	49.54	-4.38	45.16	54.00	-8.84
2381.240	Peak	62.51	-4.21	58.29	74.00	-15.71
2381.240	Average	51.46	-4.21	47.25	54.00	-6.75
2386.640	Peak	62.33	-4.18	58.15	74.00	-15.85
2386.640	Average	51.96	-4.18	47.78	54.00	-6.22
2390.000	Peak	62.40	-4.17	58.24	74.00	-15.76
2390.000	Average	51.06	-4.17	46.89	54.00	-7.11

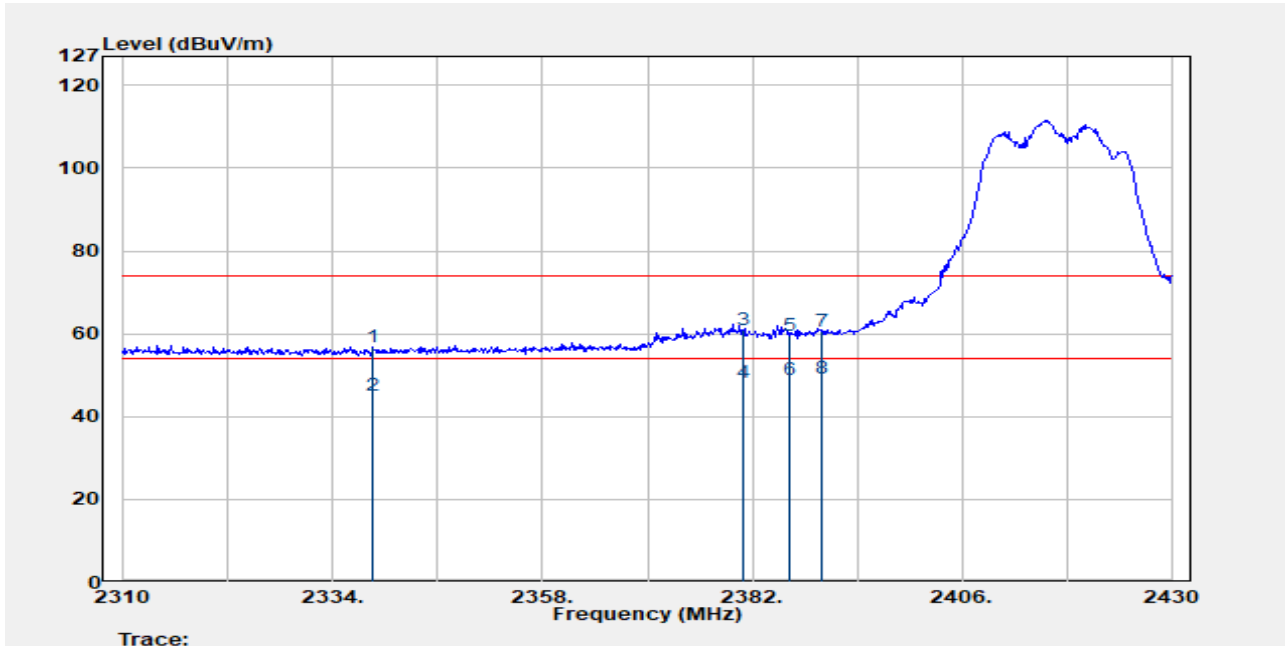
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Report Number :TERF2304001049ER
 Operation Mode :802.11g
 Test Frequency :2417 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2338.560	Peak	61.25	-4.37	56.88	74.00	-17.12
2338.560	Average	49.46	-4.37	45.09	54.00	-8.91
2380.880	Peak	65.13	-4.22	60.91	74.00	-13.09
2380.880	Average	52.32	-4.22	48.10	54.00	-5.90
2386.280	Peak	63.84	-4.19	59.65	74.00	-14.35
2386.280	Average	53.15	-4.19	48.96	54.00	-5.04
2390.000	Peak	64.88	-4.17	60.71	74.00	-13.29
2390.000	Average	53.24	-4.17	49.07	54.00	-4.93

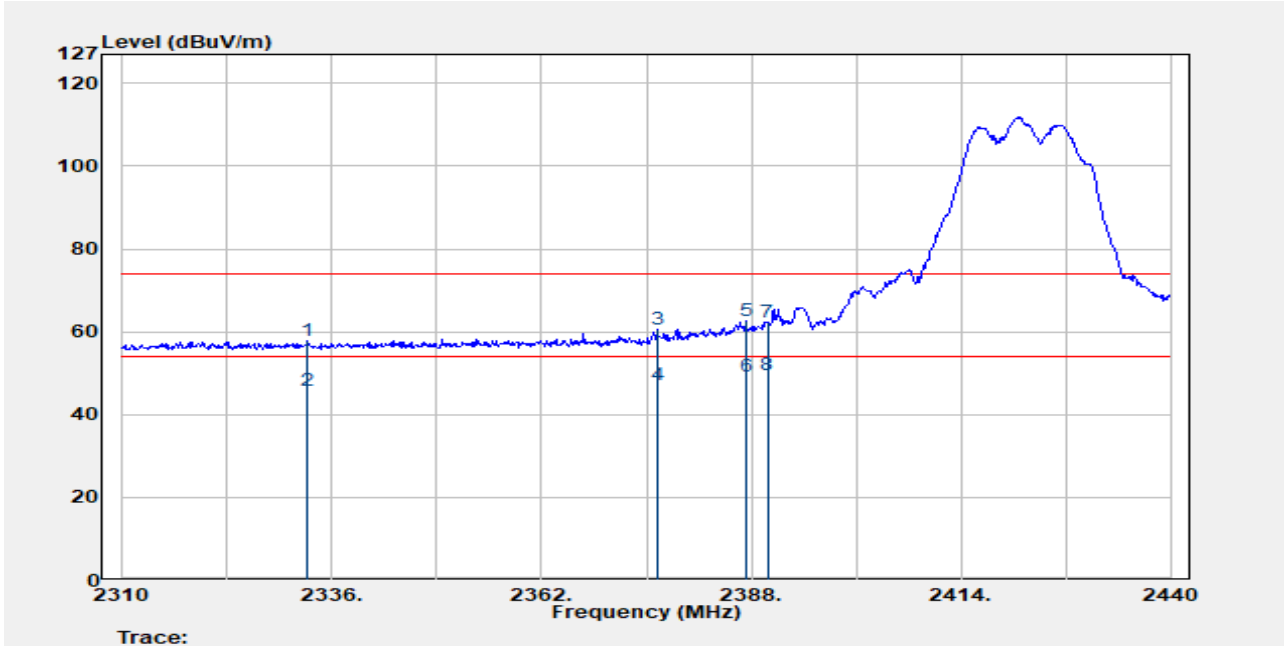
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Report Number :TERF2304001049ER
 Operation Mode :802.11g
 Test Frequency :2422 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2333.010	Peak	62.28	-4.37	57.92	74.00	-16.08
2333.010	Average	50.18	-4.37	45.81	54.00	-8.19
2376.300	Peak	64.82	-4.24	60.57	74.00	-13.43
2376.300	Average	51.26	-4.24	47.02	54.00	-6.98
2387.350	Peak	66.74	-4.18	62.56	74.00	-11.44
2387.350	Average	53.55	-4.18	49.37	54.00	-4.63
2390.000	Peak	66.49	-4.17	62.32	74.00	-11.68
2390.000	Average	53.58	-4.17	49.41	54.00	-4.59

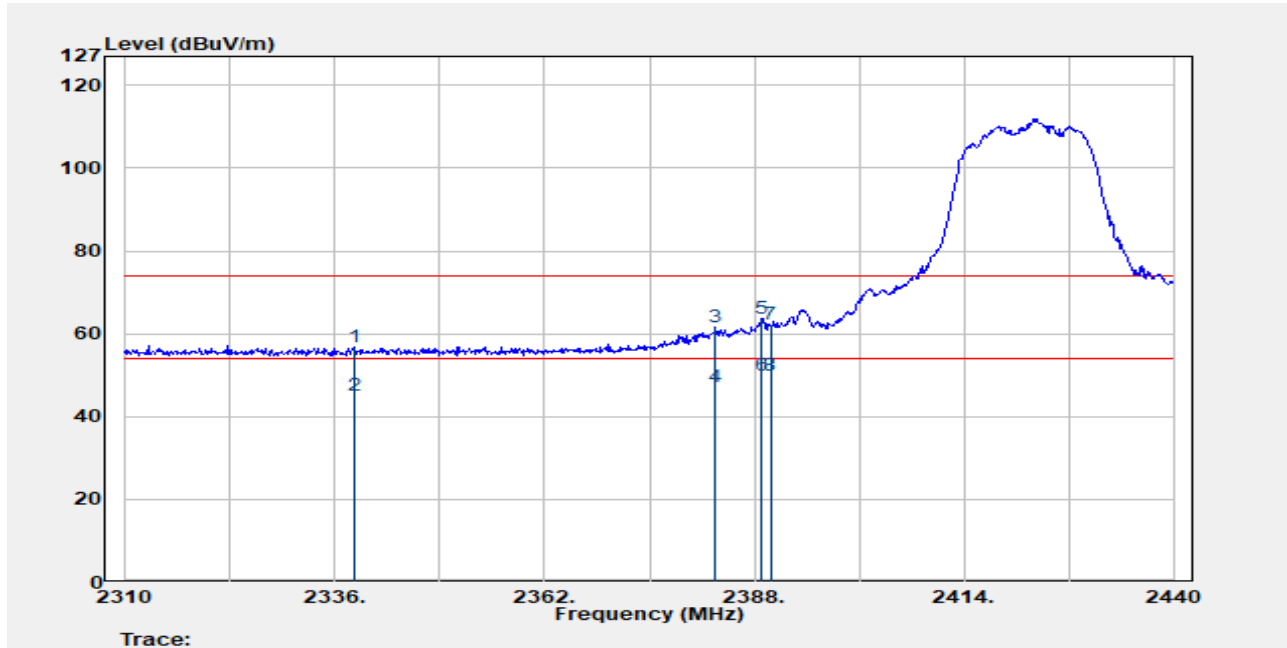
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Report Number :TERF2304001049ER
 Operation Mode :802.11g
 Test Frequency :2422 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2338.470	Peak	61.22	-4.37	56.84	74.00	-17.16
2338.470	Average	49.33	-4.37	44.96	54.00	-9.04
2383.190	Peak	65.65	-4.20	61.44	74.00	-12.56
2383.190	Average	51.52	-4.20	47.32	54.00	-6.68
2388.910	Peak	67.80	-4.17	63.63	74.00	-10.37
2388.910	Average	54.01	-4.17	49.84	54.00	-4.16
2390.000	Peak	66.42	-4.17	62.26	74.00	-11.74
2390.000	Average	54.08	-4.17	49.91	54.00	-4.09

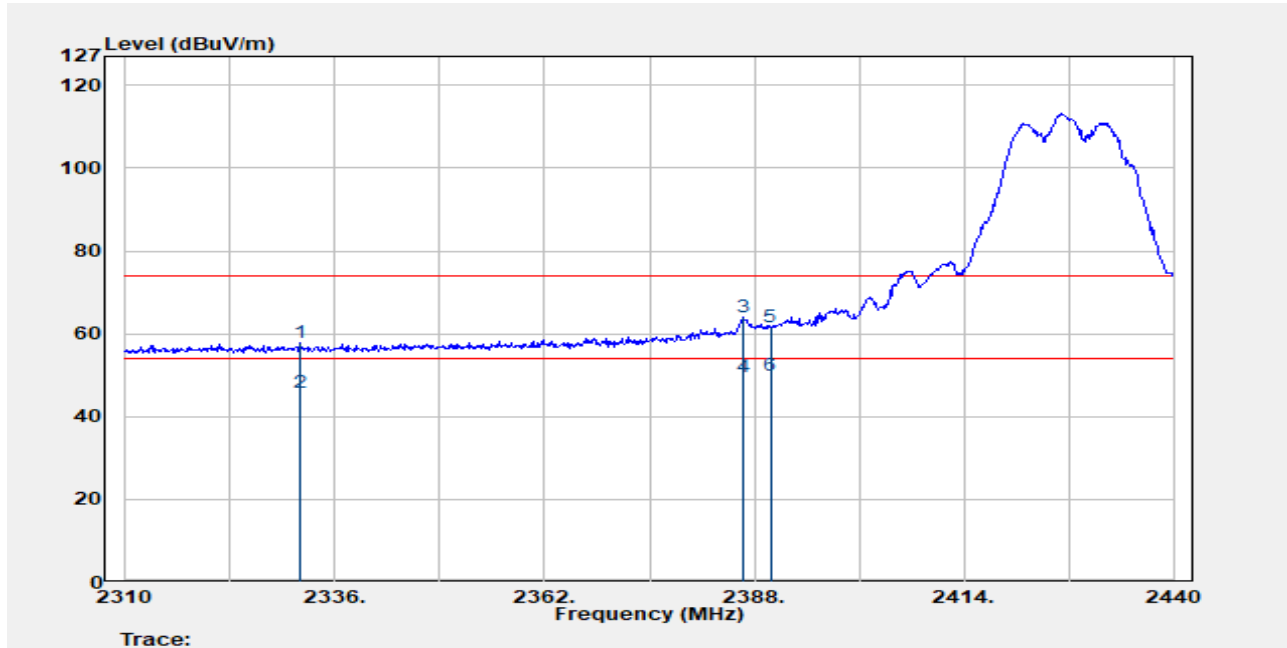
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Report Number :TERF2304001049ER
 Operation Mode :802.11g
 Test Frequency :2427 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2331.580	Peak	62.06	-4.36	57.69	74.00	-16.31
2331.580	Average	50.16	-4.36	45.80	54.00	-8.20
2386.570	Peak	68.09	-4.18	63.91	74.00	-10.09
2386.570	Average	53.69	-4.18	49.51	54.00	-4.49
2390.000	Peak	65.73	-4.17	61.57	74.00	-12.43
2390.000	Average	54.08	-4.17	49.91	54.00	-4.09

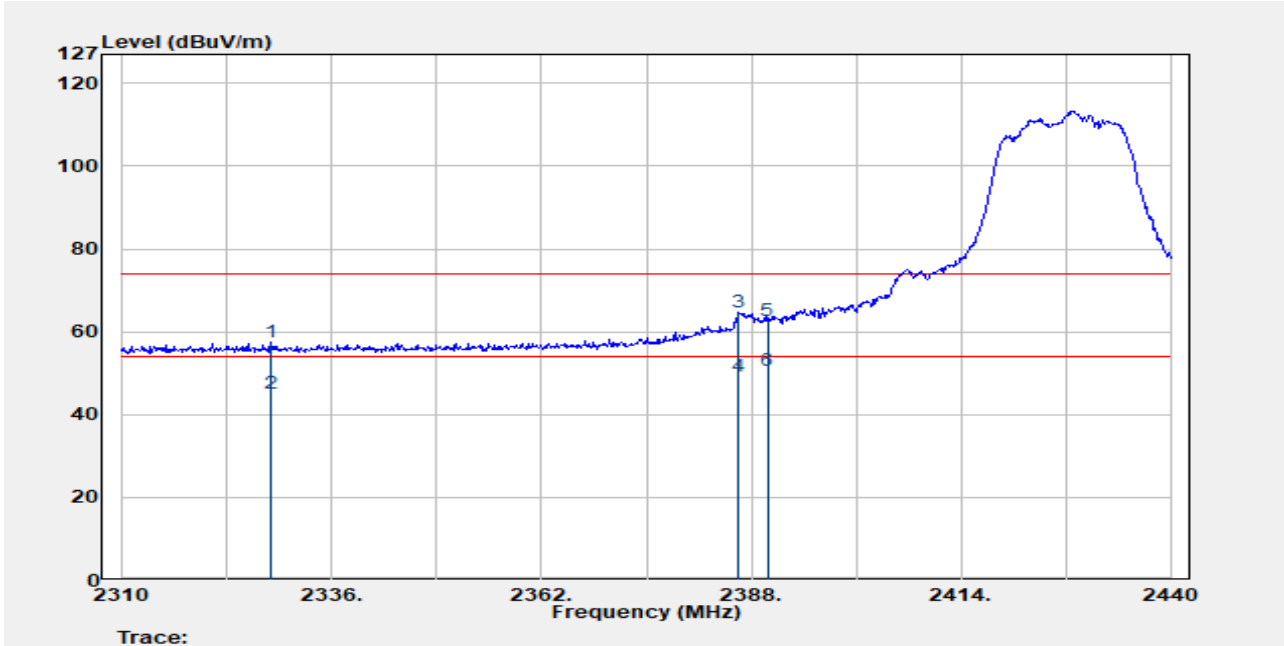
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Report Number :TERF2304001049ER
 Operation Mode :802.11g
 Test Frequency :2427 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2328.460	Peak	61.98	-4.36	57.62	74.00	-16.38
2328.460	Average	49.38	-4.36	45.02	54.00	-8.98
2386.440	Peak	68.81	-4.19	64.63	74.00	-9.37
2386.440	Average	53.34	-4.19	49.15	54.00	-4.85
2390.000	Peak	66.80	-4.17	62.63	74.00	-11.37
2390.000	Average	54.82	-4.17	50.65	54.00	-3.35

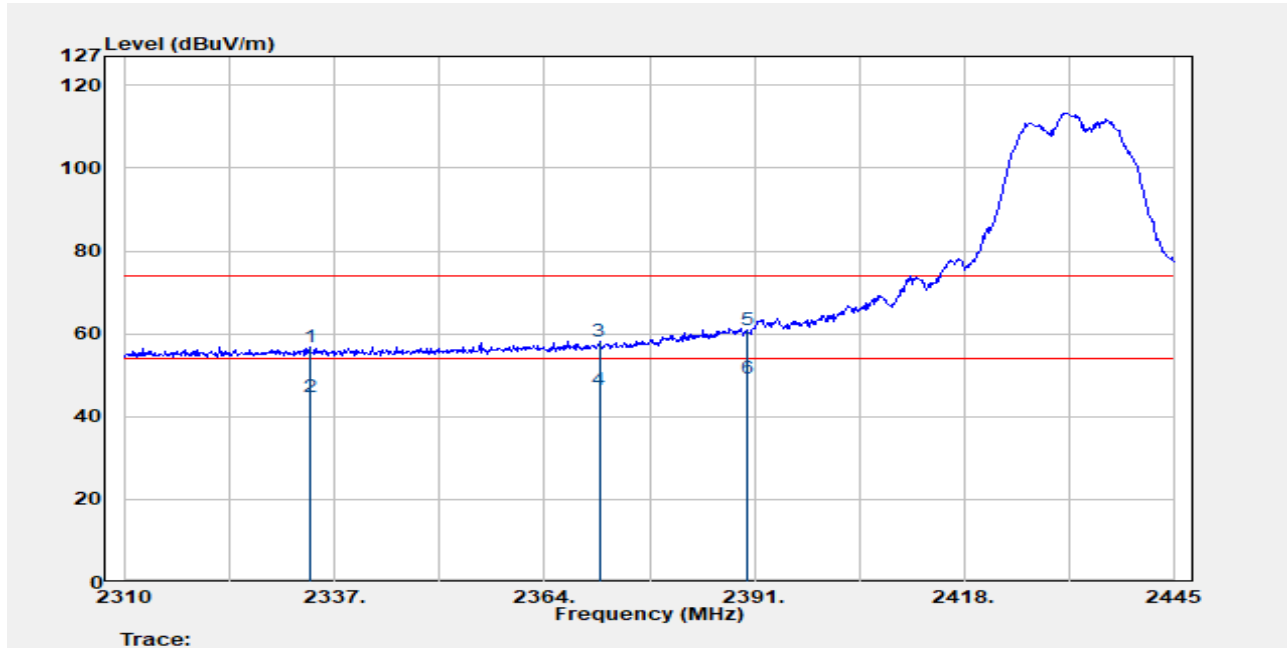
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Report Number :TERF2304001049ER
 Operation Mode :802.11g
 Test Frequency :2432 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2333.760	Peak	61.09	-4.37	56.72	74.00	-17.28
2333.760	Average	49.13	-4.37	44.76	54.00	-9.24
2371.020	Peak	62.49	-4.27	58.22	74.00	-15.78
2371.020	Average	50.63	-4.27	46.36	54.00	-7.64
2390.000	Peak	65.15	-4.17	60.99	74.00	-13.01
2390.000	Average	53.23	-4.17	49.06	54.00	-4.94

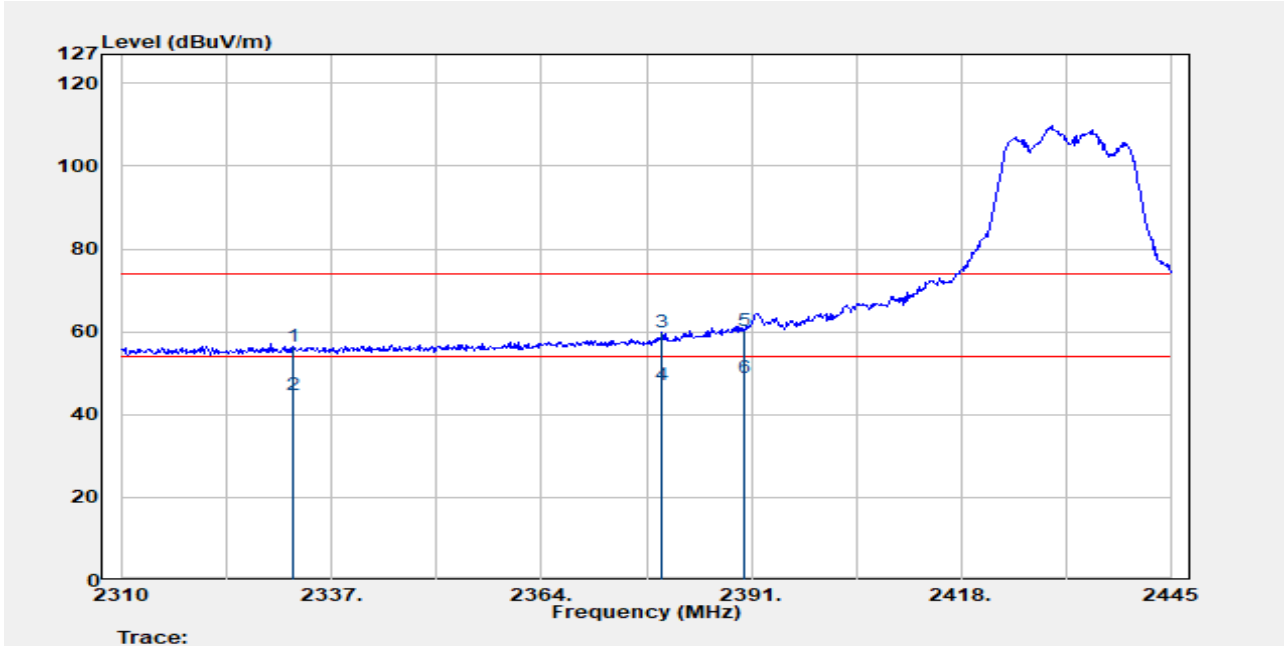
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Report Number :TERF2304001049ER
 Operation Mode :802.11g
 Test Frequency :2432 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2331.870	Peak	60.96	-4.36	56.59	74.00	-17.41
2331.870	Average	49.26	-4.36	44.90	54.00	-9.10
2379.525	Peak	64.09	-4.22	59.87	74.00	-14.13
2379.525	Average	51.26	-4.22	47.04	54.00	-6.96
2390.000	Peak	64.32	-4.17	60.15	74.00	-13.85
2390.000	Average	53.18	-4.17	49.01	54.00	-4.99

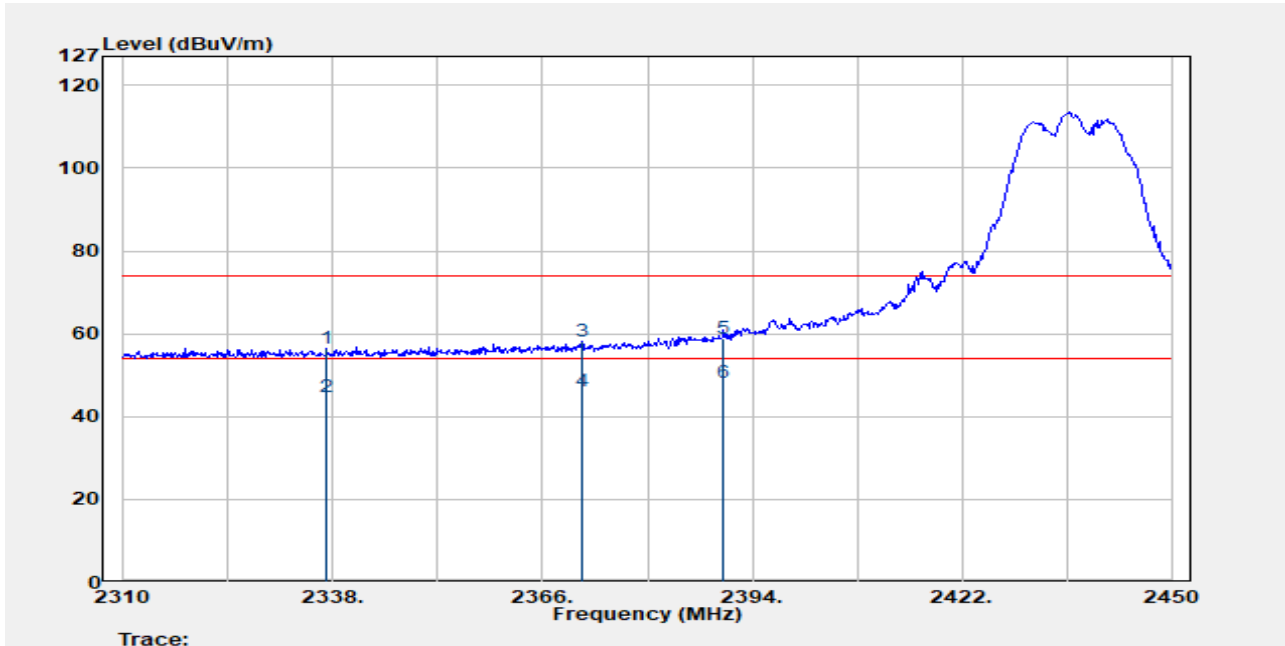
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Report Number :TERF2304001049ER
 Operation Mode :802.11g
 Test Frequency :2437 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2337.160	Peak	60.71	-4.37	56.33	74.00	-17.67
2337.160	Average	49.16	-4.37	44.79	54.00	-9.21
2371.180	Peak	62.44	-4.27	58.17	74.00	-15.83
2371.180	Average	50.53	-4.27	46.26	54.00	-7.74
2390.000	Peak	62.97	-4.17	58.80	74.00	-15.20
2390.000	Average	52.42	-4.17	48.25	54.00	-5.75

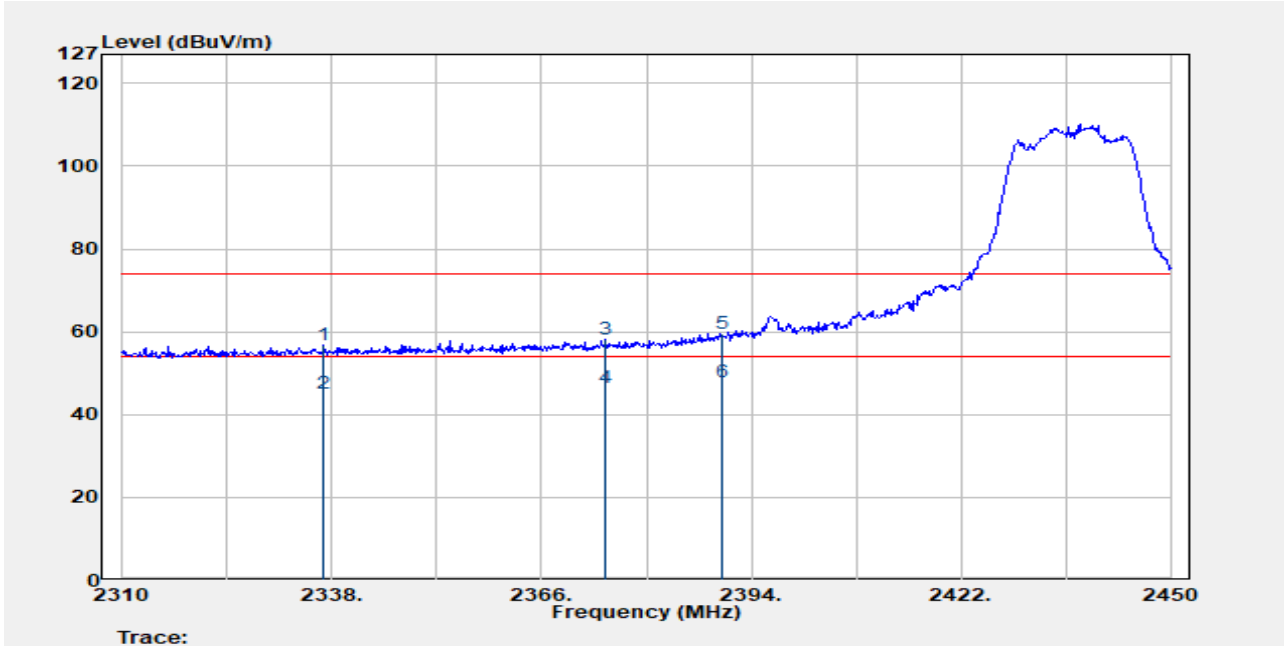
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Report Number :TERF2304001049ER
 Operation Mode :802.11g
 Test Frequency :2437 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2336.880	Peak	61.17	-4.37	56.80	74.00	-17.20
2336.880	Average	49.32	-4.37	44.95	54.00	-9.05
2374.540	Peak	62.25	-4.25	58.00	74.00	-16.00
2374.540	Average	50.69	-4.25	46.44	54.00	-7.56
2390.000	Peak	63.55	-4.17	59.38	74.00	-14.62
2390.000	Average	51.85	-4.17	47.68	54.00	-6.32

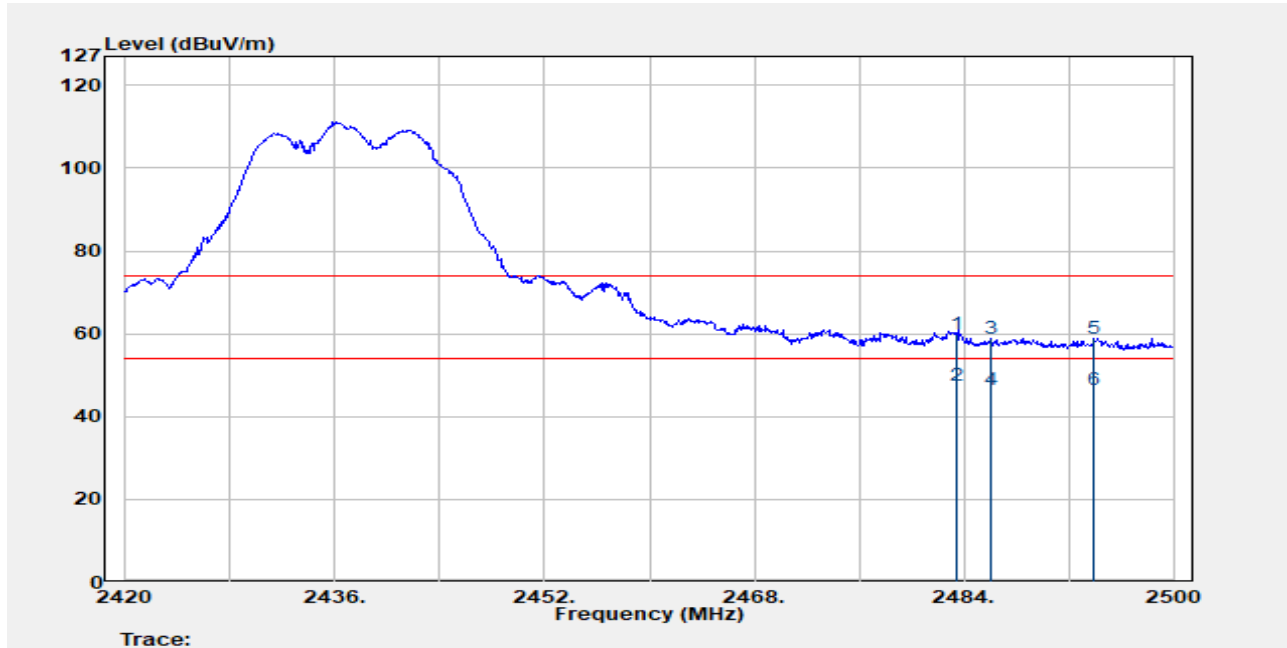
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Report Number :TERF2304001049ER
 Operation Mode :802.11g
 Test Frequency :2437 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2483.500	Peak	64.07	-4.26	59.81	74.00	-14.19
2483.500	Average	51.76	-4.26	47.50	54.00	-6.50
2486.000	Peak	63.11	-4.24	58.87	74.00	-15.13
2486.000	Average	50.75	-4.24	46.51	54.00	-7.49
2493.920	Peak	63.03	-4.18	58.85	74.00	-15.15
2493.920	Average	50.73	-4.18	46.55	54.00	-7.45

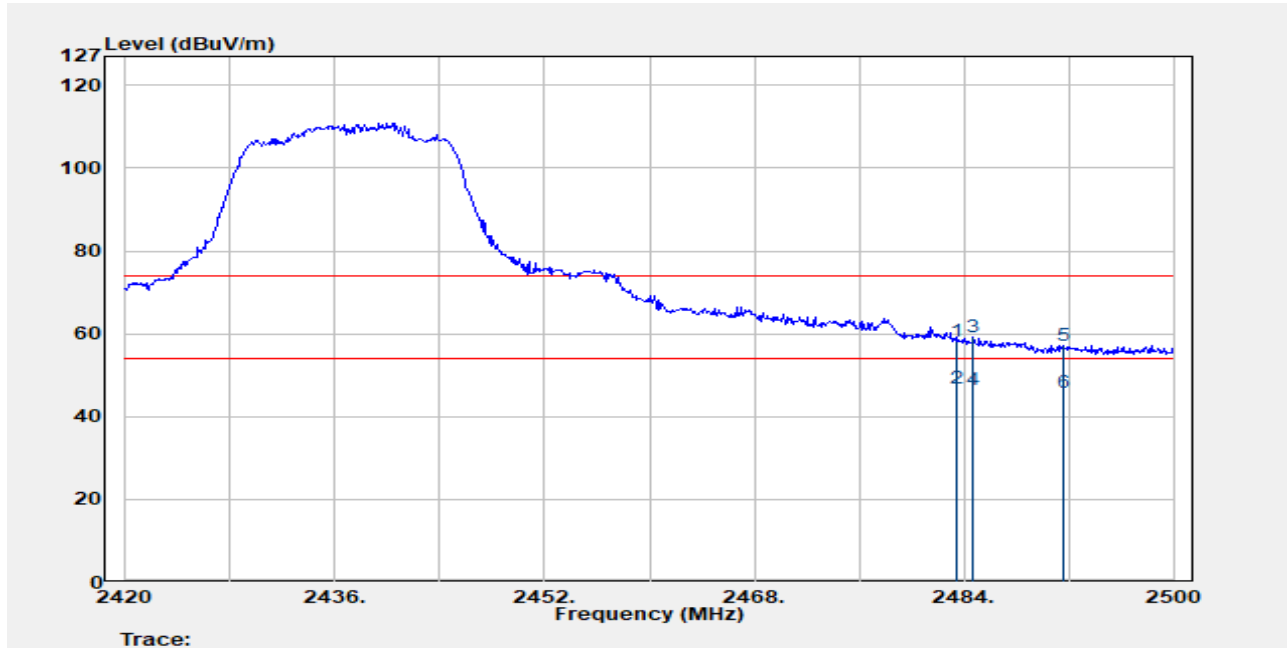
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Report Number :TERF2304001049ER
 Operation Mode :802.11g
 Test Frequency :2437 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	62.53	-4.26	58.27	74.00	-15.73
2483.500	Average	51.19	-4.26	46.93	54.00	-7.07
2484.720	Peak	63.57	-4.25	59.32	74.00	-14.68
2484.720	Average	50.65	-4.25	46.40	54.00	-7.60
2491.600	Peak	61.32	-4.19	57.12	74.00	-16.88
2491.600	Average	50.03	-4.19	45.84	54.00	-8.16

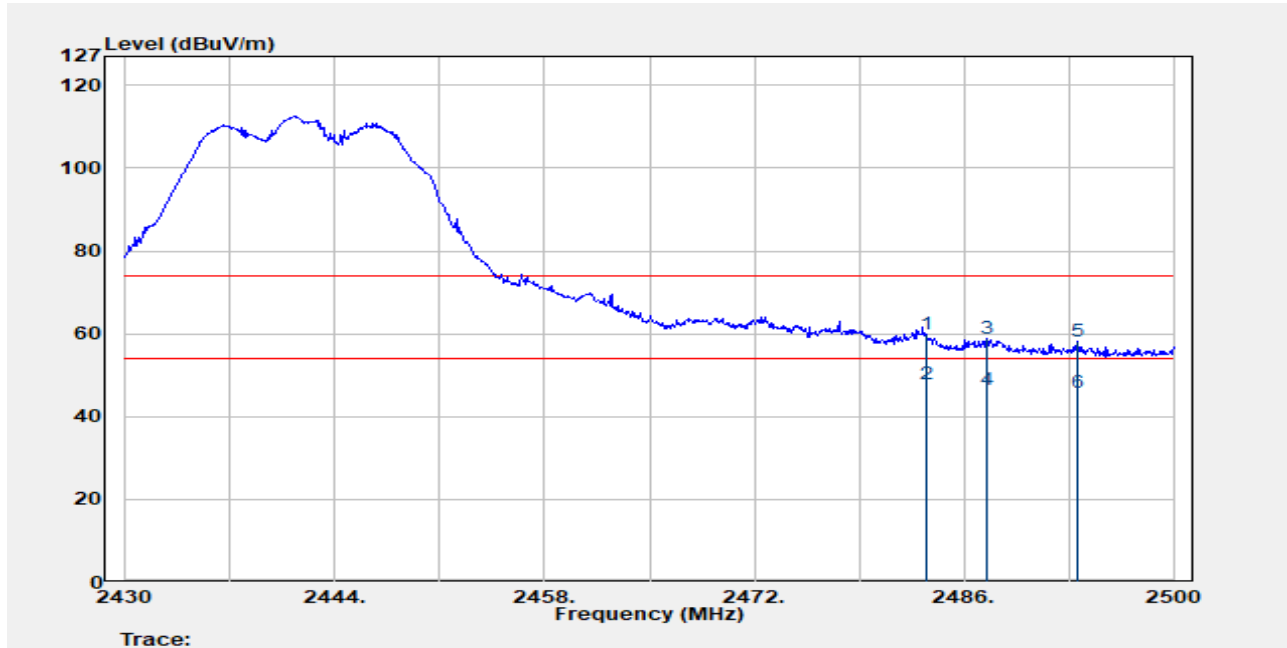
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Report Number :TERF2304001049ER
 Operation Mode :802.11g
 Test Frequency :2442 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	64.14	-4.26	59.88	74.00	-14.12
2483.500	Average	51.96	-4.26	47.70	54.00	-6.30
2487.540	Peak	62.93	-4.23	58.70	74.00	-15.30
2487.540	Average	50.74	-4.23	46.51	54.00	-7.49
2493.560	Peak	62.34	-4.18	58.16	74.00	-15.84
2493.560	Average	50.02	-4.18	45.84	54.00	-8.16

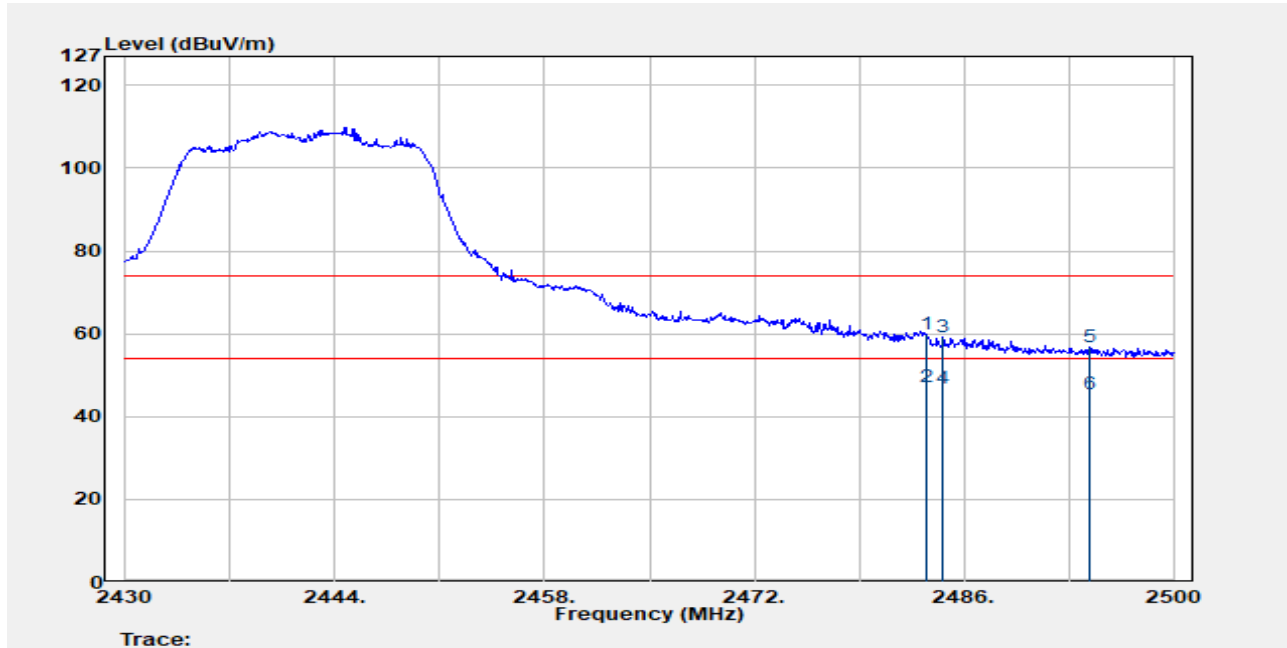
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Report Number :TERF2304001049ER
 Operation Mode :802.11g
 Test Frequency :2442 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	63.99	-4.26	59.73	74.00	-14.27
2483.500	Average	51.43	-4.26	47.17	54.00	-6.83
2484.600	Peak	63.34	-4.25	59.09	74.00	-14.91
2484.600	Average	50.96	-4.25	46.71	54.00	-7.29
2494.400	Peak	60.90	-4.17	56.72	74.00	-17.28
2494.400	Average	49.72	-4.17	45.55	54.00	-8.45

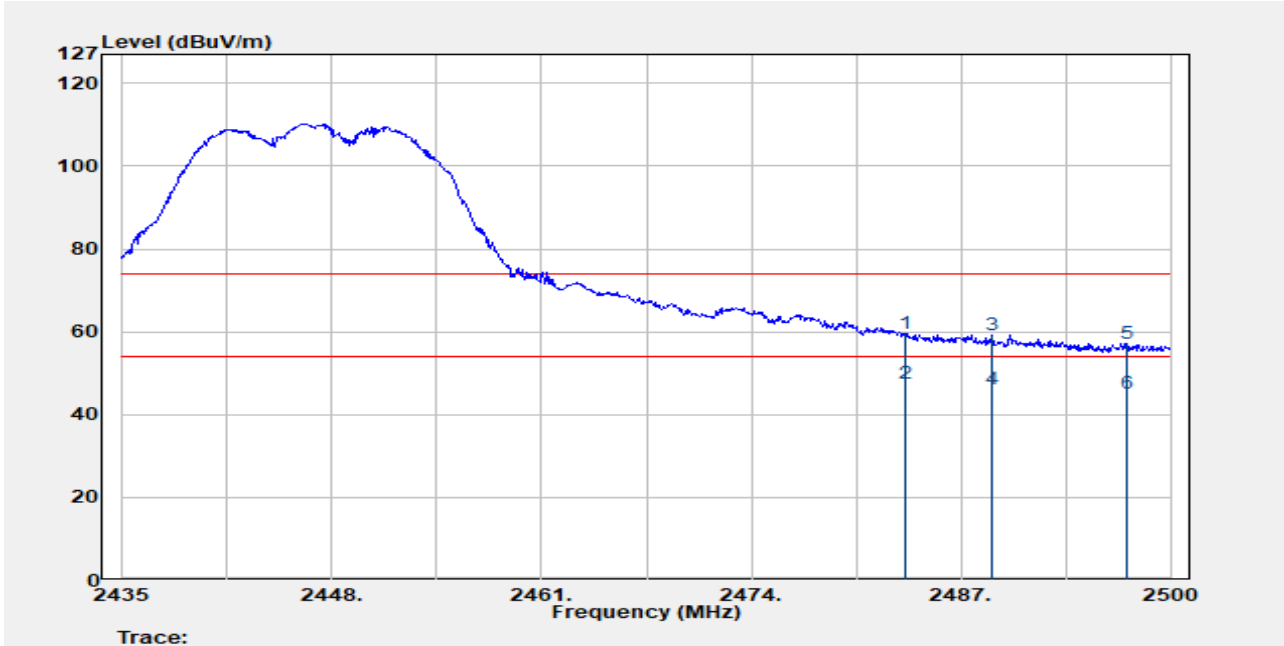
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Report Number :TERF2304001049ER
 Operation Mode :802.11g
 Test Frequency :2447 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	63.81	-4.26	59.55	74.00	-14.45
2483.500	Average	51.69	-4.26	47.43	54.00	-6.57
2488.885	Peak	63.41	-4.22	59.20	74.00	-14.80
2488.885	Average	50.33	-4.22	46.11	54.00	-7.89
2497.335	Peak	61.39	-4.15	57.24	74.00	-16.76
2497.335	Average	49.39	-4.15	45.24	54.00	-8.76

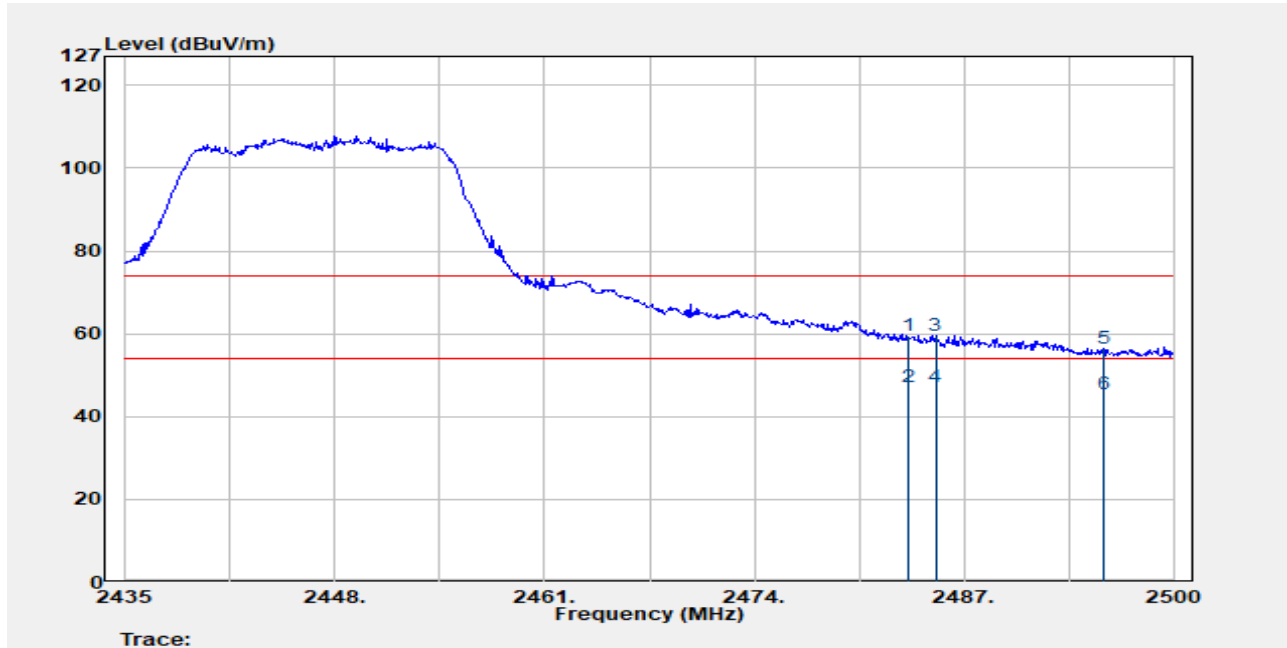
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Report Number :TERF2304001049ER
 Operation Mode :802.11g
 Test Frequency :2447 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	63.80	-4.26	59.54	74.00	-14.46
2483.500	Average	51.36	-4.26	47.10	54.00	-6.90
2485.245	Peak	63.82	-4.24	59.58	74.00	-14.42
2485.245	Average	51.29	-4.24	47.05	54.00	-6.95
2495.710	Peak	60.64	-4.16	56.48	74.00	-17.52
2495.710	Average	49.53	-4.16	45.37	54.00	-8.63

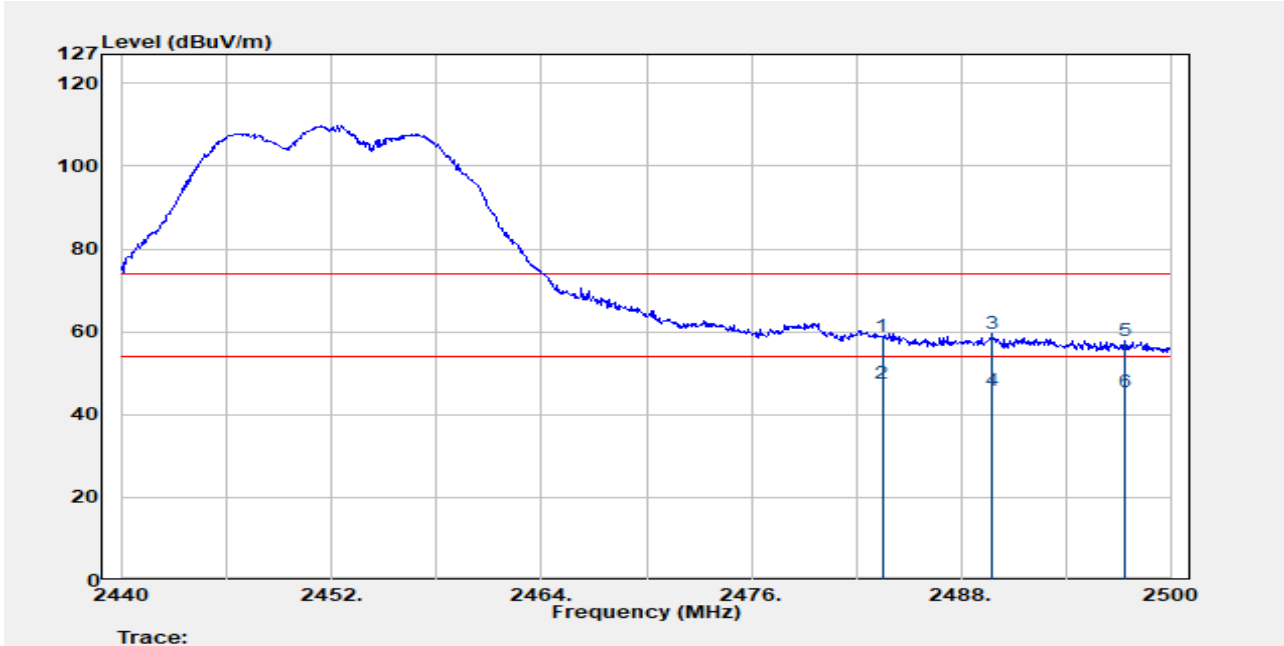
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Report Number :TERF2304001049ER
 Operation Mode :802.11g
 Test Frequency :2452 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	63.04	-4.26	58.78	74.00	-15.22
2483.500	Average	51.72	-4.26	47.46	54.00	-6.54
2489.800	Peak	63.63	-4.21	59.42	74.00	-14.58
2489.800	Average	50.02	-4.21	45.81	54.00	-8.19
2497.420	Peak	62.04	-4.15	57.89	74.00	-16.11
2497.420	Average	49.42	-4.15	45.27	54.00	-8.73

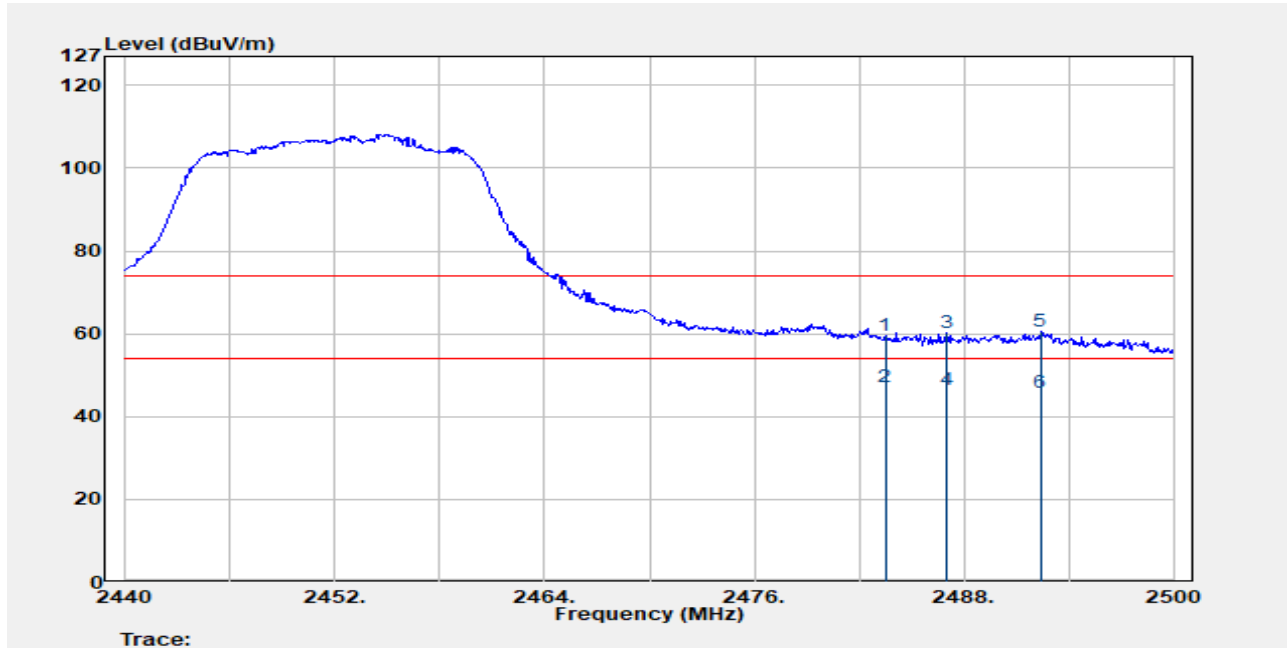
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Report Number :TERF2304001049ER
 Operation Mode :802.11g
 Test Frequency :2452 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	63.86	-4.26	59.60	74.00	-14.40
2483.500	Average	51.58	-4.26	47.32	54.00	-6.68
2486.980	Peak	64.39	-4.23	60.16	74.00	-13.84
2486.980	Average	50.56	-4.23	46.33	54.00	-7.67
2492.380	Peak	64.80	-4.19	60.61	74.00	-13.39
2492.380	Average	50.02	-4.19	45.83	54.00	-8.17

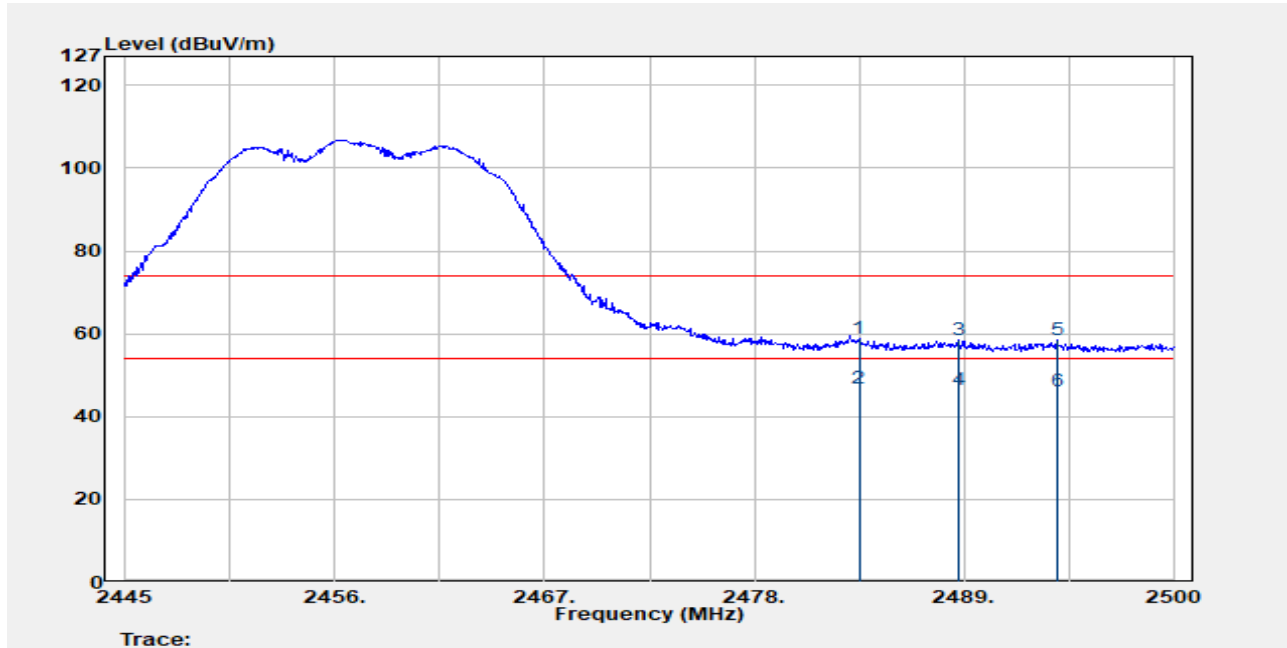
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Report Number :TERF2304001049ER
 Operation Mode :802.11g
 Test Frequency :2457 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2483.500	Peak	63.14	-4.26	58.88	74.00	-15.12
2483.500	Average	50.99	-4.26	46.73	54.00	-7.27
2488.725	Peak	62.62	-4.22	58.41	74.00	-15.59
2488.725	Average	50.55	-4.22	46.33	54.00	-7.67
2493.895	Peak	62.69	-4.18	58.51	74.00	-15.49
2493.895	Average	50.33	-4.18	46.15	54.00	-7.85

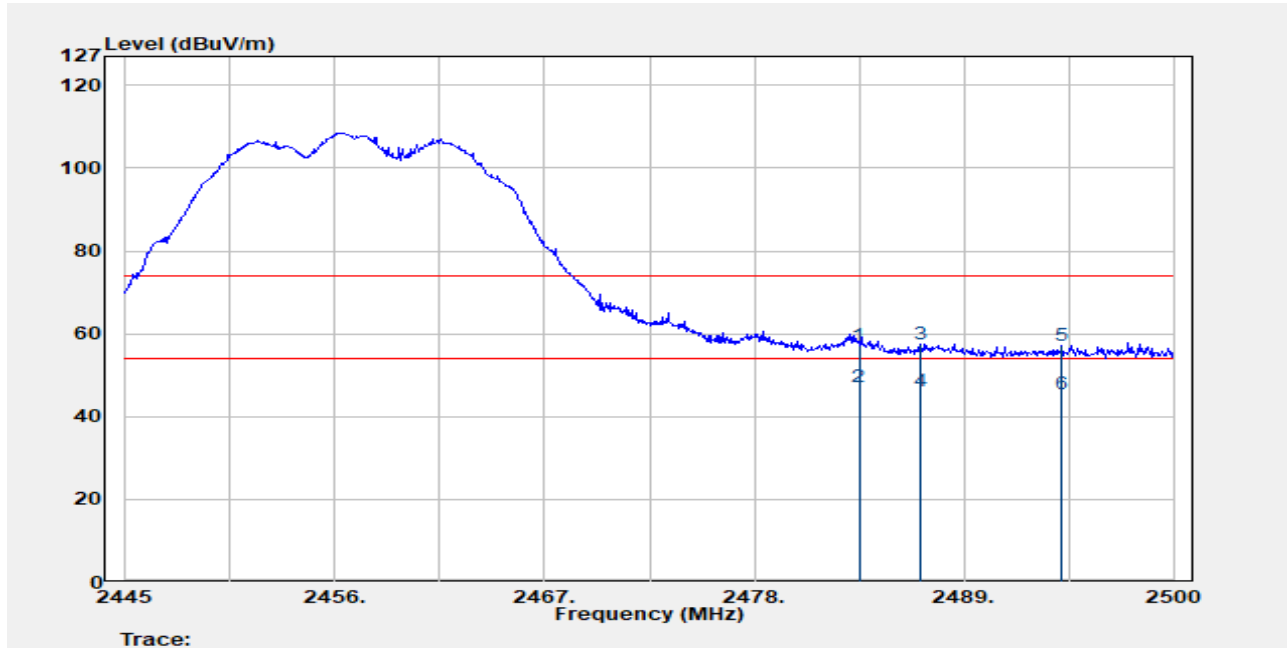
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Report Number :TERF2304001049ER
 Operation Mode :802.11g
 Test Frequency :2457 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.500	Peak	61.22	-4.26	56.96	74.00	-17.04
2483.500	Average	51.26	-4.26	47.00	54.00	-7.00
2486.690	Peak	61.69	-4.23	57.45	74.00	-16.55
2486.690	Average	50.27	-4.23	46.04	54.00	-7.96
2494.170	Peak	61.18	-4.18	57.01	74.00	-16.99
2494.170	Average	49.63	-4.18	45.45	54.00	-8.55

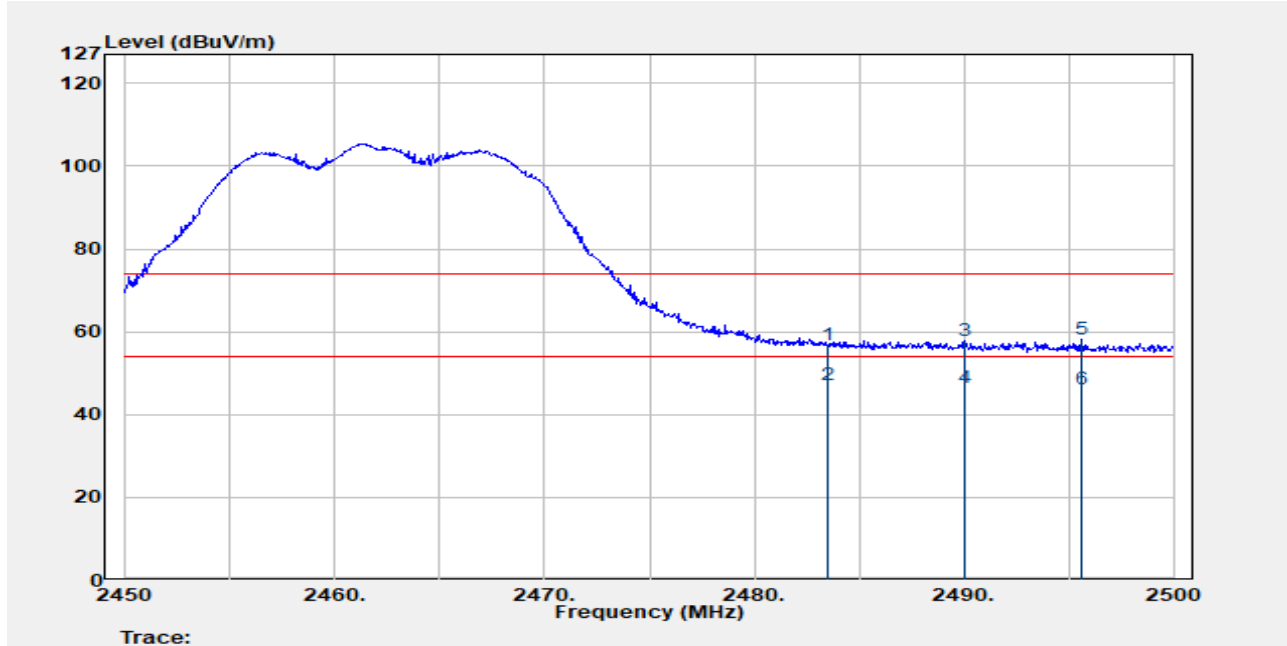
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Report Number :TERF2304001049ER
 Operation Mode :802.11g
 Test Frequency :2462 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2483.500	Peak	61.18	-4.26	56.92	74.00	-17.08
2483.500	Average	51.45	-4.26	47.19	54.00	-6.81
2490.050	Peak	62.08	-4.21	57.87	74.00	-16.13
2490.050	Average	50.56	-4.21	46.35	54.00	-7.65
2495.650	Peak	62.45	-4.16	58.29	74.00	-15.71
2495.650	Average	50.12	-4.16	45.96	54.00	-8.04

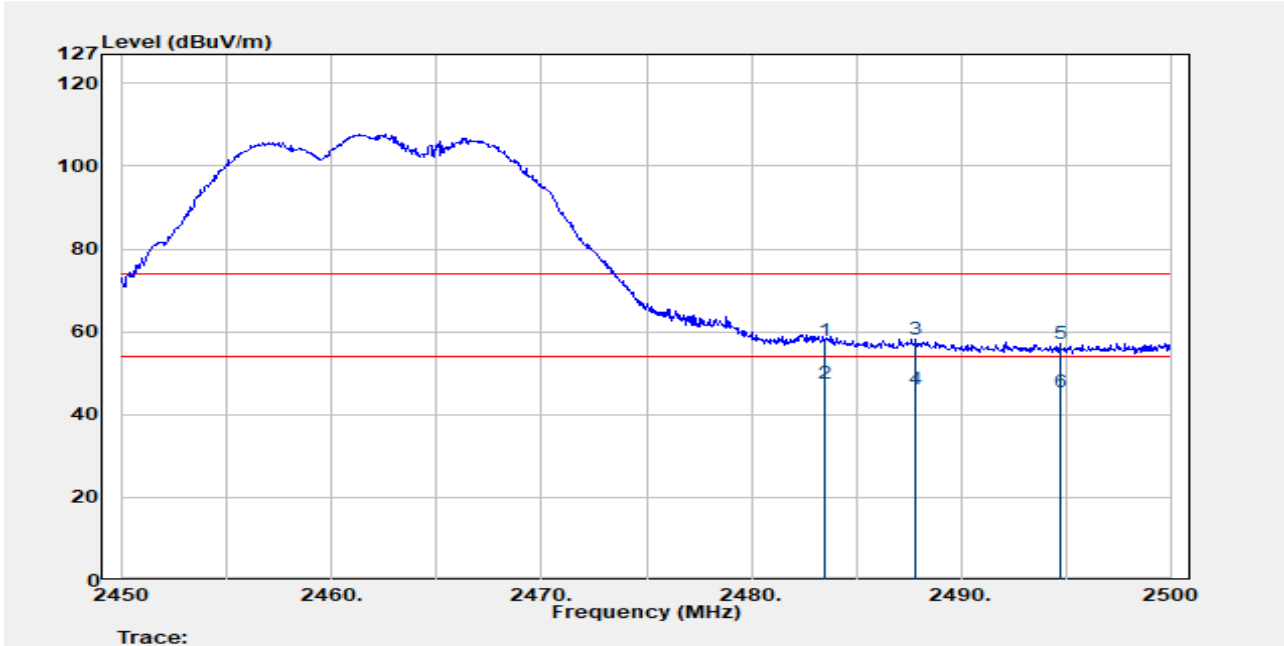
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Report Number :TERF2304001049ER
 Operation Mode :802.11g
 Test Frequency :2462 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2483.500	Peak	62.01	-4.26	57.75	74.00	-16.25
2483.500	Average	51.68	-4.26	47.42	54.00	-6.58
2487.850	Peak	62.32	-4.22	58.09	74.00	-15.91
2487.850	Average	50.47	-4.22	46.25	54.00	-7.75
2494.750	Peak	61.15	-4.17	56.98	74.00	-17.02
2494.750	Average	49.52	-4.17	45.35	54.00	-8.65

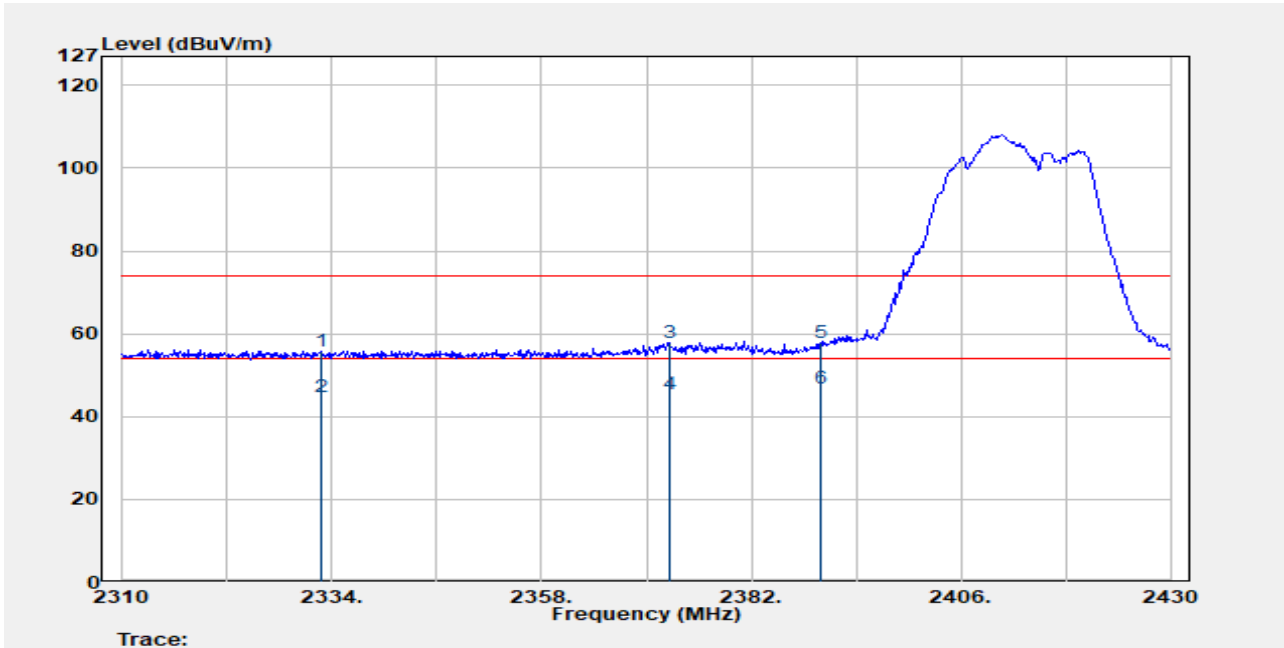
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Report Number :TERF2304001049ER
 Operation Mode :802.11n20
 Test Frequency :2412 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2332.800	Peak	60.26	-4.37	55.89	74.00	-18.11
2332.800	Average	49.21	-4.37	44.84	54.00	-9.16
2372.640	Peak	62.15	-4.26	57.88	74.00	-16.12
2372.640	Average	49.63	-4.26	45.37	54.00	-8.63
2390.000	Peak	61.82	-4.17	57.65	74.00	-16.35
2390.000	Average	50.95	-4.17	46.78	54.00	-7.22

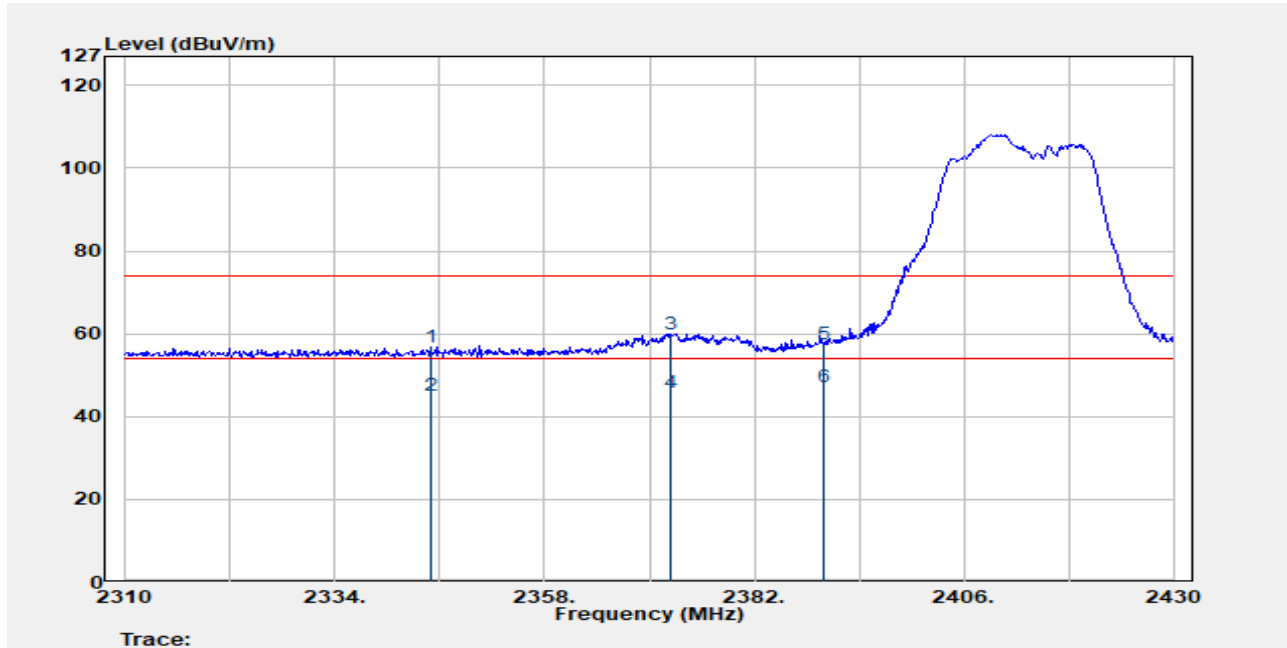
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Report Number :TERF2304001049ER
 Operation Mode :802.11n20
 Test Frequency :2412 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2344.920	Peak	61.22	-4.38	56.84	74.00	-17.16
2344.920	Average	49.35	-4.38	44.97	54.00	-9.03
2372.520	Peak	64.30	-4.26	60.04	74.00	-13.96
2372.520	Average	50.17	-4.26	45.91	54.00	-8.09
2390.000	Peak	61.78	-4.17	57.61	74.00	-16.39
2390.000	Average	51.43	-4.17	47.26	54.00	-6.74

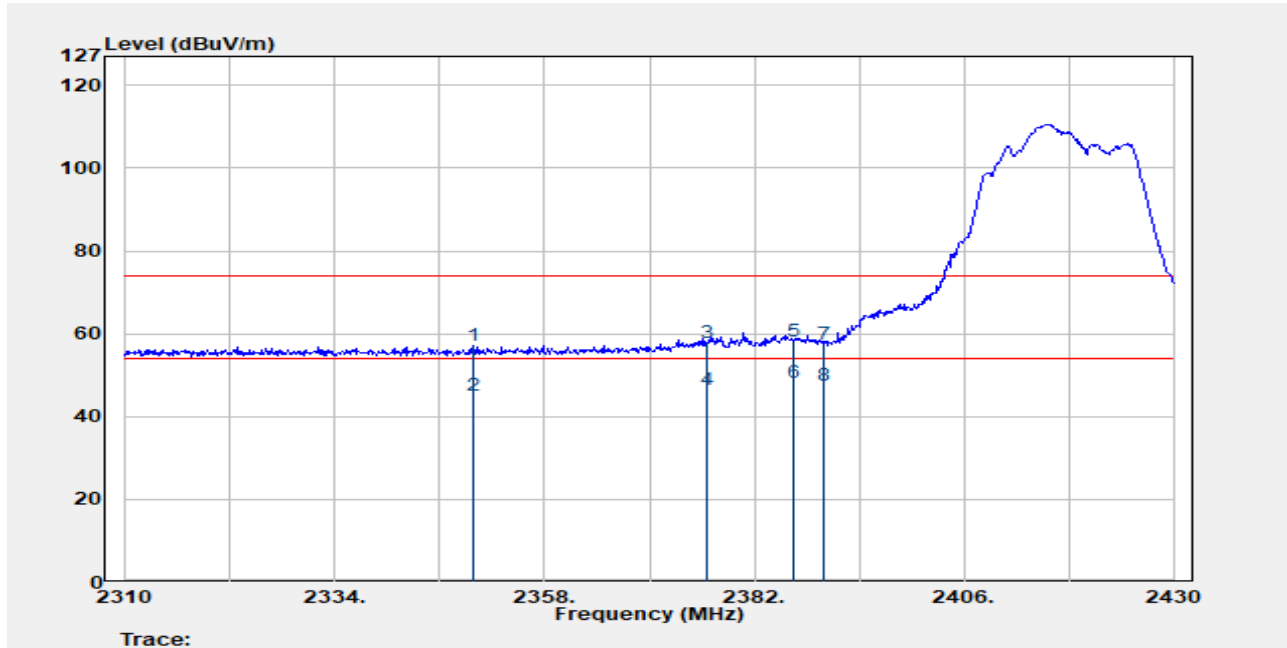
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Report Number :TERF2304001049ER
 Operation Mode :802.11n20
 Test Frequency :2417 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2349.720	Peak	61.35	-4.39	56.97	74.00	-17.03
2349.720	Average	49.52	-4.39	45.13	54.00	-8.87
2376.560	Peak	62.10	-4.24	57.85	74.00	-16.15
2376.560	Average	50.86	-4.24	46.62	54.00	-7.38
2386.400	Peak	62.45	-4.19	58.27	74.00	-15.73
2386.400	Average	52.25	-4.19	48.06	54.00	-5.94
2390.000	Peak	61.64	-4.17	57.47	74.00	-16.53
2390.000	Average	51.65	-4.17	47.48	54.00	-6.52

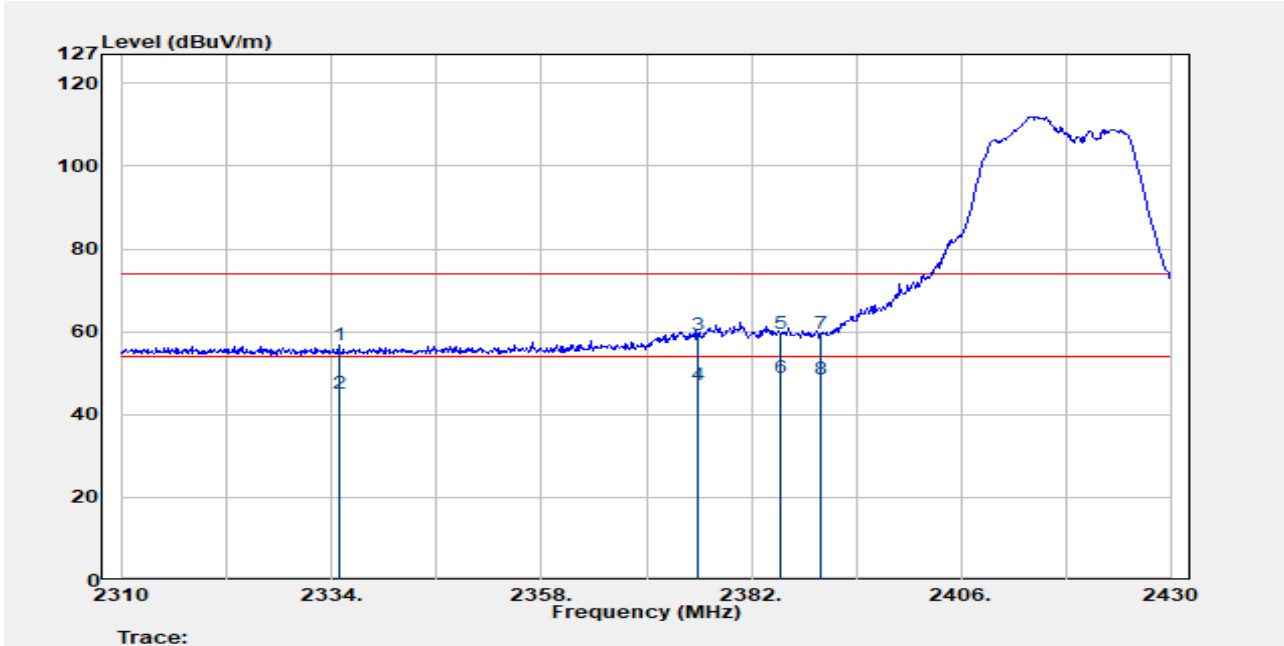
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Report Number :TERF2304001049ER
 Operation Mode :802.11n20
 Test Frequency :2417 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2334.720	Peak	61.10	-4.37	56.74	74.00	-17.26
2334.720	Average	49.32	-4.37	44.95	54.00	-9.05
2375.840	Peak	63.52	-4.24	59.27	74.00	-14.73
2375.840	Average	51.46	-4.24	47.22	54.00	-6.78
2385.320	Peak	63.65	-4.19	59.46	74.00	-14.54
2385.320	Average	53.12	-4.19	48.93	54.00	-5.07
2390.000	Peak	63.63	-4.17	59.47	74.00	-14.53
2390.000	Average	52.83	-4.17	48.66	54.00	-5.34

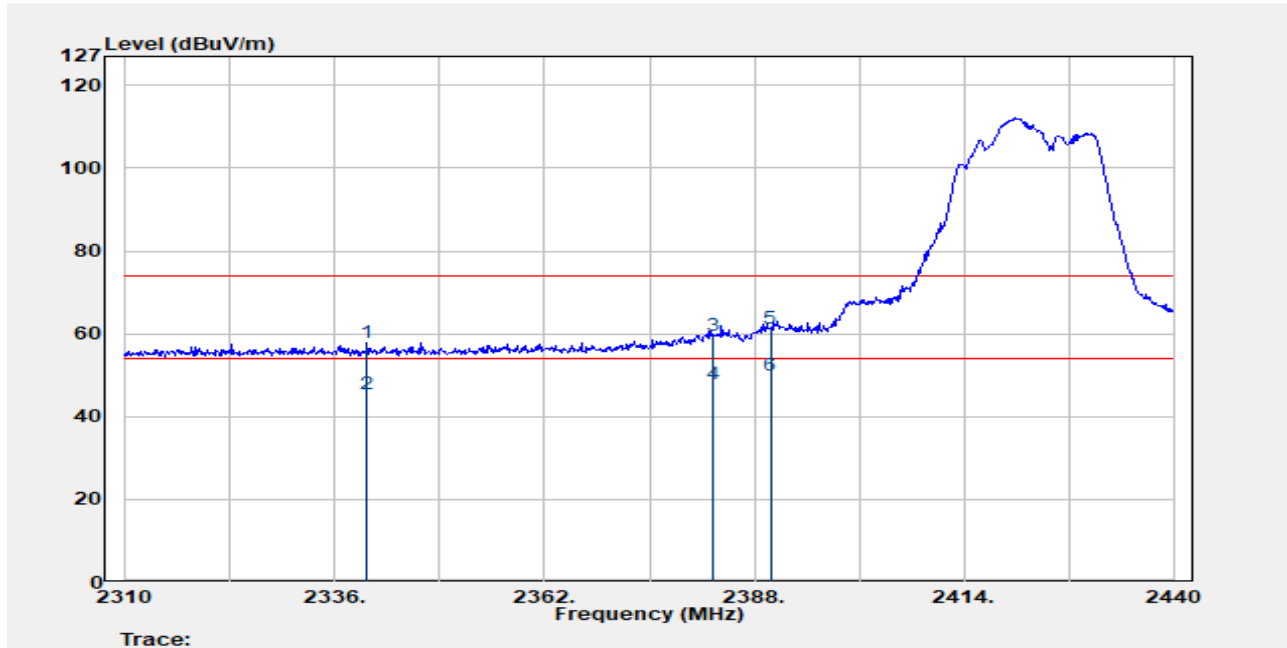
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Report Number :TERF2304001049ER
 Operation Mode :802.11n20
 Test Frequency :2422 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2339.900	Peak	62.22	-4.38	57.85	74.00	-16.15
2339.900	Average	49.66	-4.38	45.28	54.00	-8.72
2382.980	Peak	63.66	-4.20	59.46	74.00	-14.54
2382.980	Average	52.19	-4.20	47.99	54.00	-6.01
2390.000	Peak	65.41	-4.17	61.25	74.00	-12.75
2390.000	Average	53.95	-4.17	49.78	54.00	-4.22

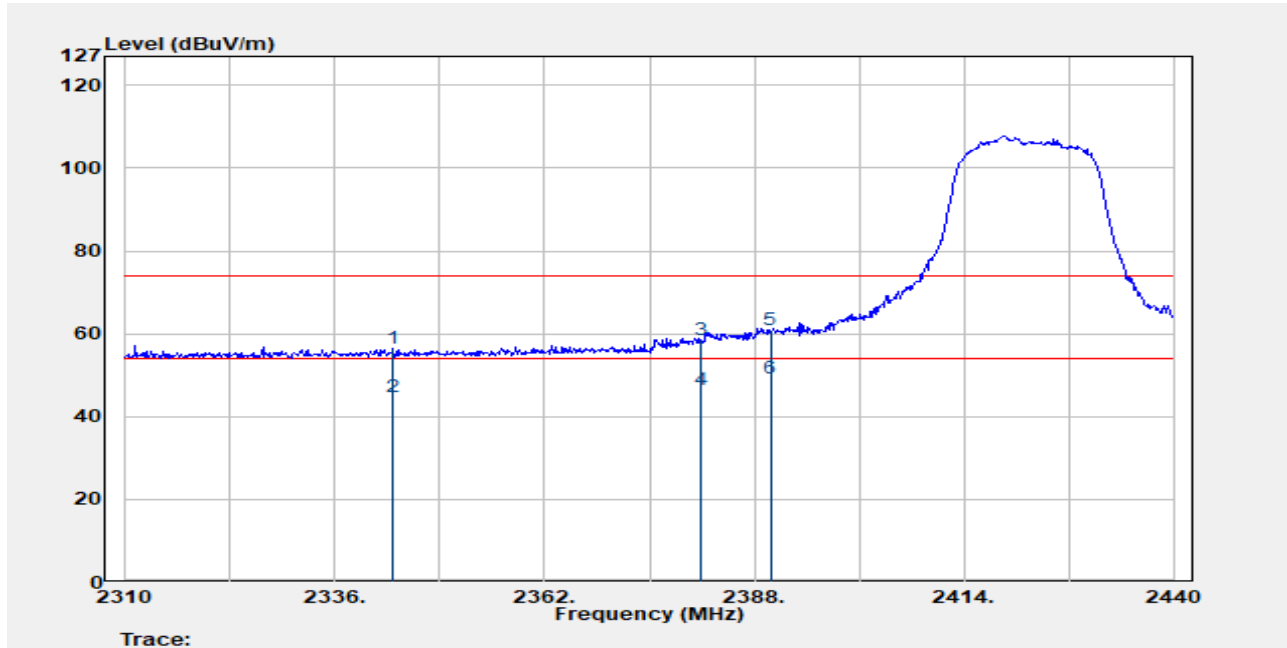
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Report Number :TERF2304001049ER
 Operation Mode :802.11n20
 Test Frequency :2422 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2343.150	Peak	60.66	-4.38	56.28	74.00	-17.72
2343.150	Average	49.20	-4.38	44.82	54.00	-9.18
2381.420	Peak	62.69	-4.21	58.48	74.00	-15.52
2381.420	Average	50.77	-4.21	46.56	54.00	-7.44
2390.000	Peak	65.13	-4.17	60.97	74.00	-13.03
2390.000	Average	53.25	-4.17	49.08	54.00	-4.92

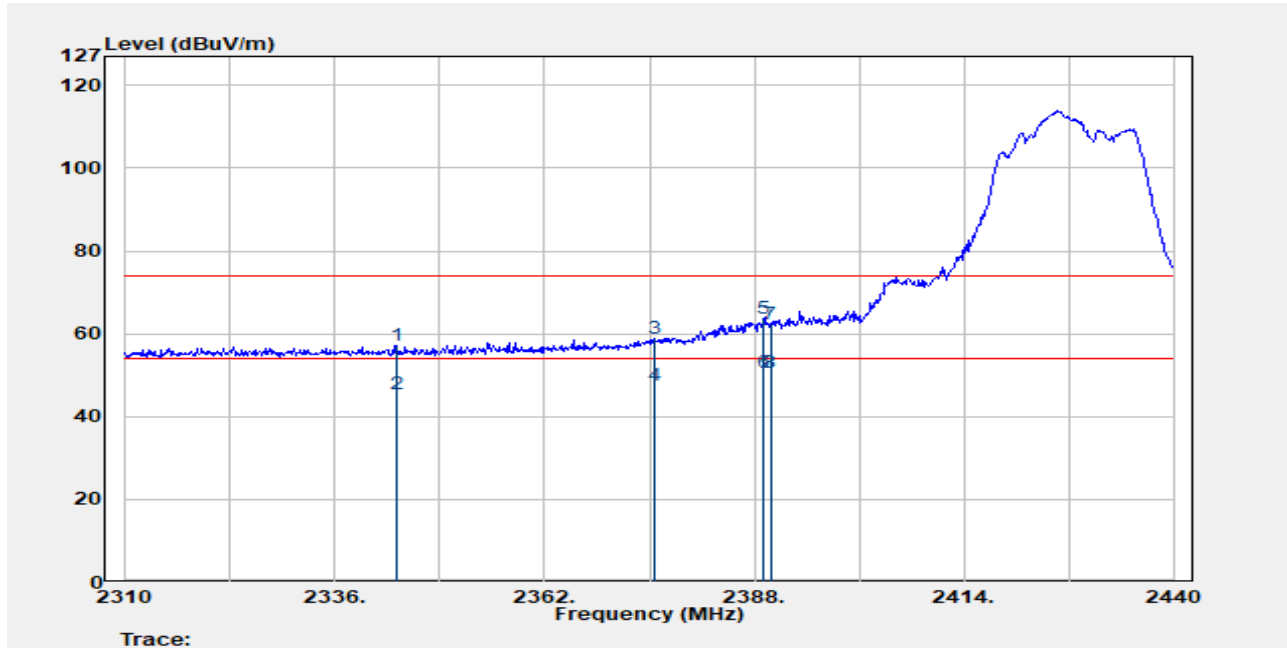
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Report Number :TERF2304001049ER
 Operation Mode :802.11n20
 Test Frequency :2427 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2343.670	Peak	61.57	-4.38	57.19	74.00	-16.81
2343.670	Average	49.82	-4.38	45.44	54.00	-8.56
2375.520	Peak	63.27	-4.25	59.02	74.00	-14.98
2375.520	Average	51.88	-4.25	47.63	54.00	-6.37
2389.170	Peak	67.93	-4.17	63.76	74.00	-10.24
2389.170	Average	54.70	-4.17	50.53	54.00	-3.47
2390.000	Peak	66.39	-4.17	62.22	74.00	-11.78
2390.000	Average	54.80	-4.17	50.63	54.00	-3.37

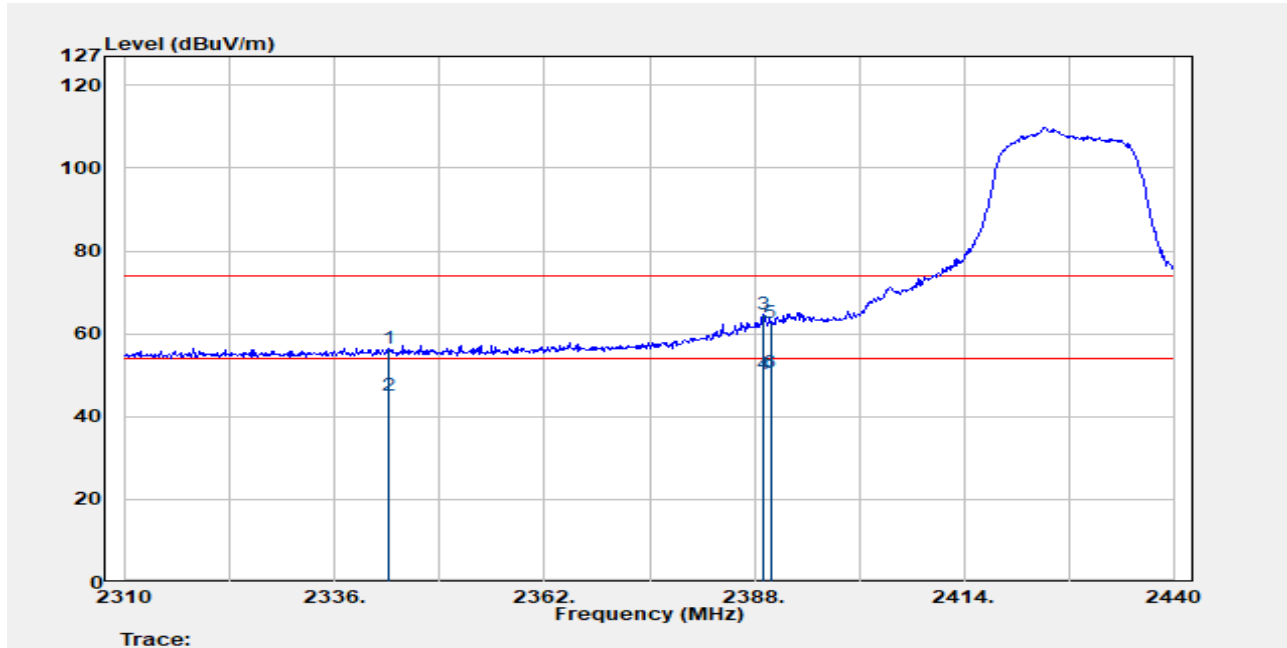
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 Operation Mode :802.11n20
 Test Frequency :2427 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2342.630	Peak	60.89	-4.38	56.51	74.00	-17.49
2342.630	Average	49.41	-4.38	45.03	54.00	-8.97
2389.170	Peak	68.73	-4.17	64.56	74.00	-9.44
2389.170	Average	54.36	-4.17	50.19	54.00	-3.81
2390.000	Peak	66.81	-4.17	62.64	74.00	-11.36
2390.000	Average	54.67	-4.17	50.50	54.00	-3.50

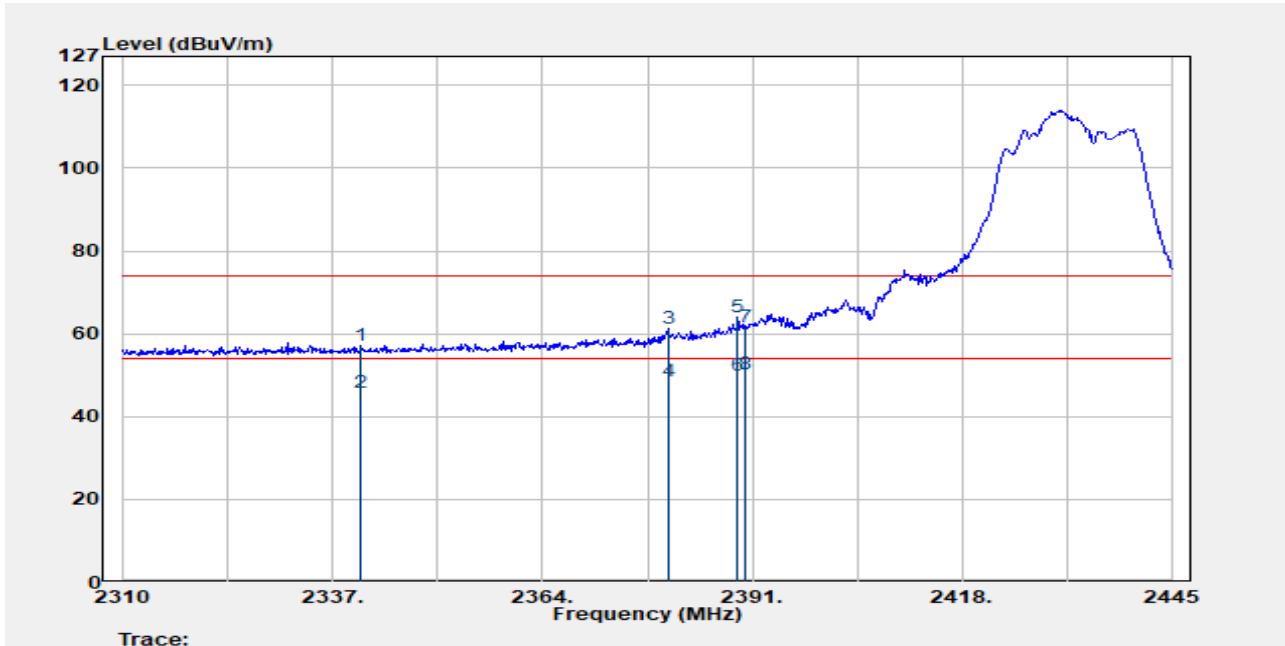
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Report Number :TERF2304001049ER
 Operation Mode :802.11n20
 Test Frequency :2432 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2340.645	Peak	61.34	-4.38	56.97	74.00	-17.03
2340.645	Average	50.11	-4.38	45.73	54.00	-8.27
2380.200	Peak	65.59	-4.22	61.37	74.00	-12.63
2380.200	Average	52.64	-4.22	48.42	54.00	-5.58
2389.110	Peak	68.19	-4.17	64.02	74.00	-9.98
2389.110	Average	54.24	-4.17	50.07	54.00	-3.93
2390.000	Peak	65.73	-4.17	61.57	74.00	-12.43
2390.000	Average	54.52	-4.17	50.35	54.00	-3.65

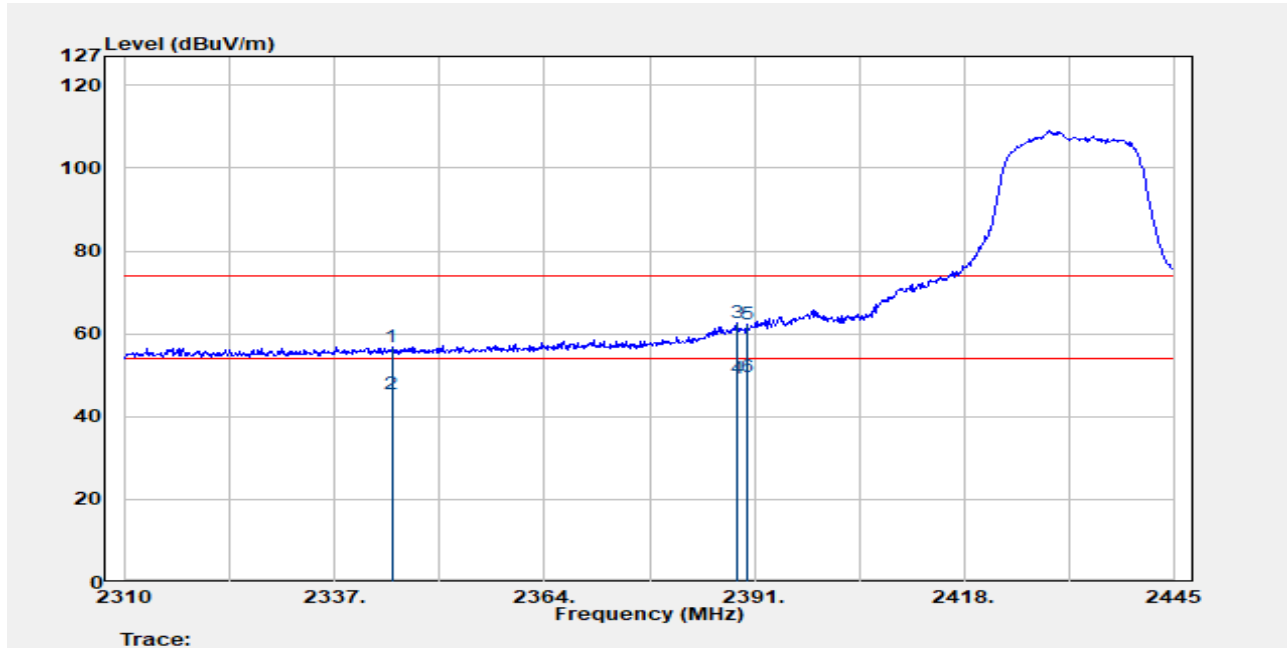
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Report Number :TERF2304001049ER
 Operation Mode :802.11n20
 Test Frequency :2432 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2344.290	Peak	61.24	-4.38	56.86	74.00	-17.14
2344.290	Average	49.72	-4.38	45.34	54.00	-8.66
2388.705	Peak	66.86	-4.17	62.69	74.00	-11.31
2388.705	Average	53.44	-4.17	49.27	54.00	-4.73
2390.000	Peak	66.34	-4.17	62.17	74.00	-11.83
2390.000	Average	53.60	-4.17	49.43	54.00	-4.57

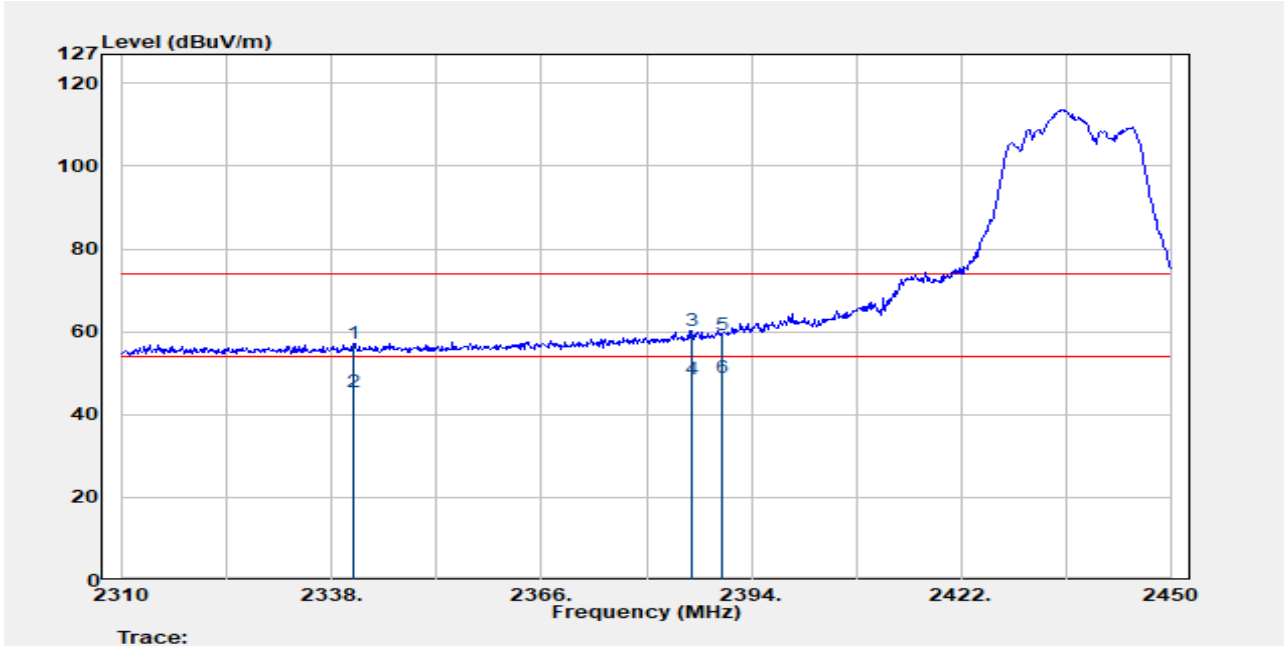
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Report Number :TERF2304001049ER
 Operation Mode :802.11n20
 Test Frequency :2437 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBµV	Factor dB	Actual FS dBµV/m	Limit @3m dBµV/m	Margin dB
2340.800	Peak	61.60	-4.38	57.23	74.00	-16.77
2340.800	Average	49.94	-4.38	45.56	54.00	-8.44
2386.160	Peak	64.29	-4.19	60.11	74.00	-13.89
2386.160	Average	52.59	-4.19	48.40	54.00	-5.60
2390.000	Peak	63.48	-4.17	59.32	74.00	-14.68
2390.000	Average	53.05	-4.17	48.88	54.00	-5.12

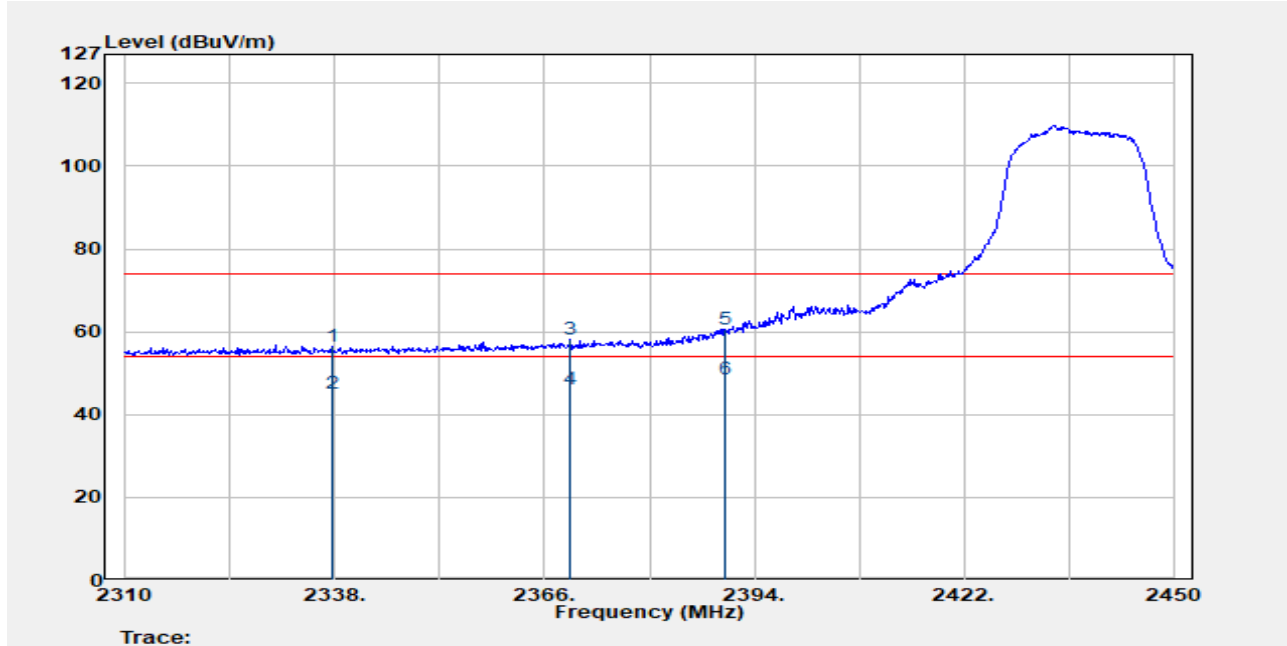
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Report Number :TERF2304001049ER
 Operation Mode :802.11n20
 Test Frequency :2437 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2337.580	Peak	60.82	-4.37	56.45	74.00	-17.55
2337.580	Average	49.35	-4.37	44.98	54.00	-9.02
2369.500	Peak	62.35	-4.28	58.07	74.00	-15.93
2369.500	Average	50.40	-4.28	46.12	54.00	-7.88
2390.000	Peak	64.59	-4.17	60.42	74.00	-13.58
2390.000	Average	52.70	-4.17	48.53	54.00	-5.47

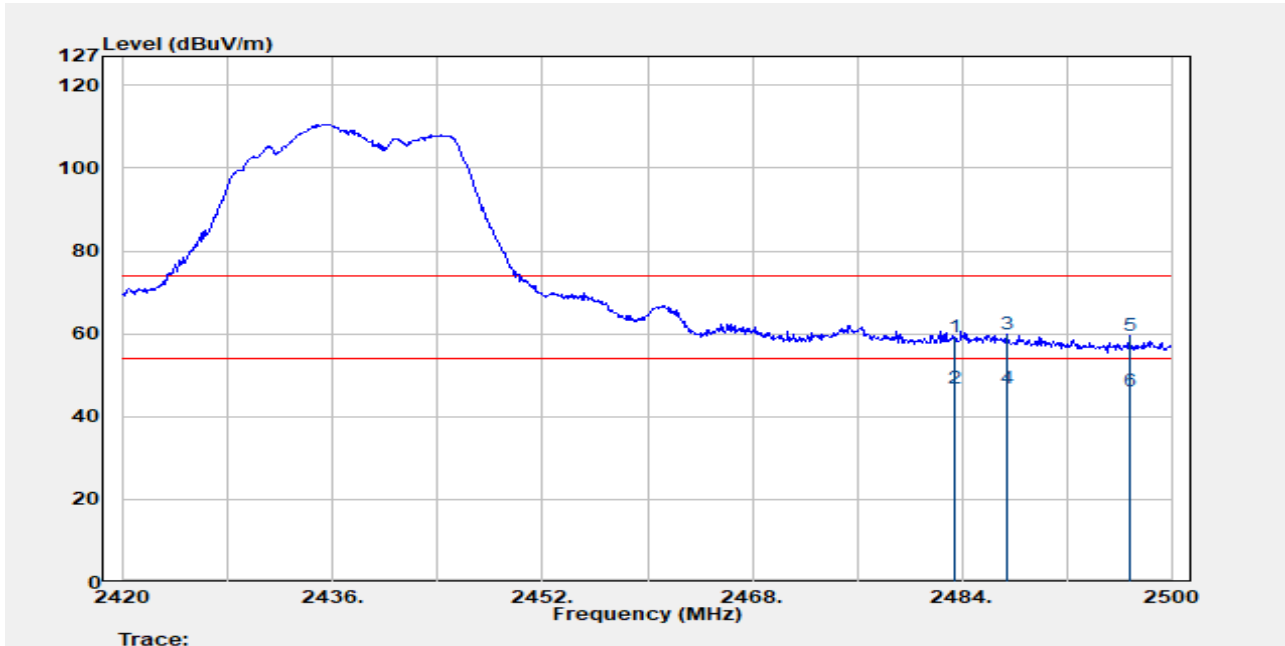
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Report Number :TERF2304001049ER
 Operation Mode :802.11n20
 Test Frequency :2437 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	63.40	-4.26	59.14	74.00	-14.86
2483.500	Average	51.21	-4.26	46.95	54.00	-7.05
2487.440	Peak	64.04	-4.23	59.81	74.00	-14.19
2487.440	Average	51.07	-4.23	46.84	54.00	-7.16
2496.800	Peak	63.58	-4.15	59.43	74.00	-14.57
2496.800	Average	50.25	-4.15	46.10	54.00	-7.90

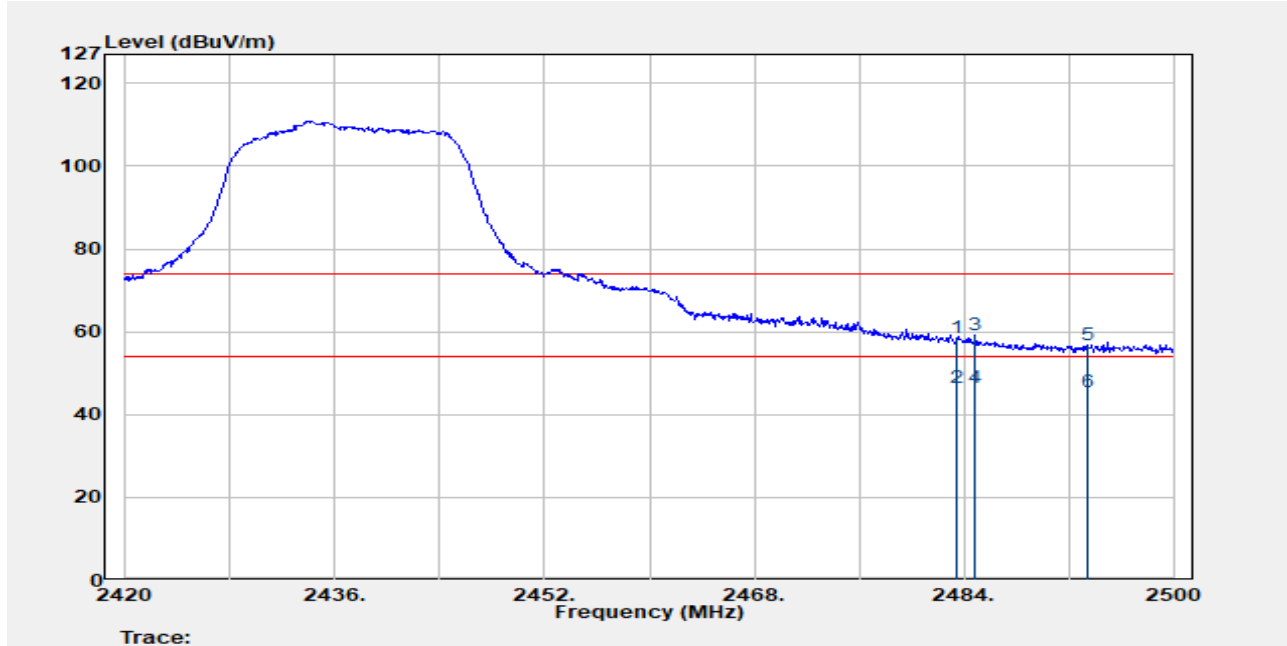
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Report Number :TERF2304001049ER
 Operation Mode :802.11n20
 Test Frequency :2437 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	62.76	-4.26	58.51	74.00	-15.49
2483.500	Average	50.83	-4.26	46.57	54.00	-7.43
2484.880	Peak	63.39	-4.25	59.14	74.00	-14.86
2484.880	Average	50.60	-4.25	46.35	54.00	-7.65
2493.440	Peak	61.01	-4.18	56.83	74.00	-17.17
2493.440	Average	49.64	-4.18	45.46	54.00	-8.54

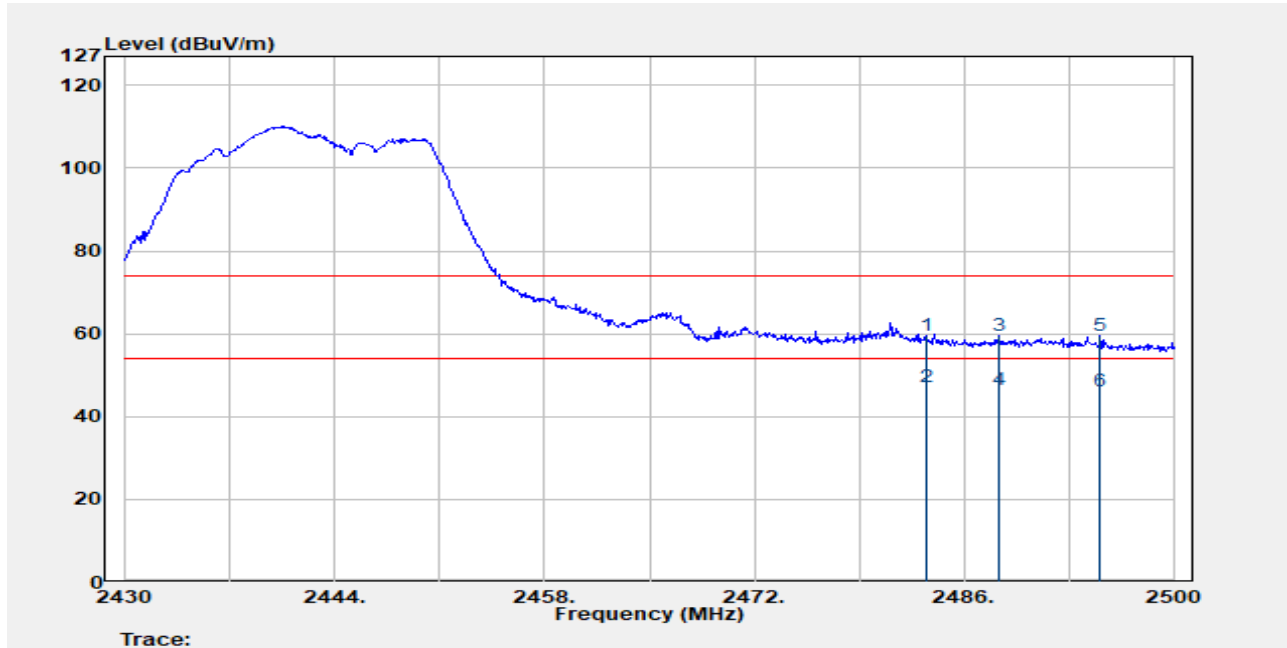
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Report Number :TERF2304001049ER
 Operation Mode :802.11n20
 Test Frequency :2442 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	63.76	-4.26	59.50	74.00	-14.50
2483.500	Average	51.45	-4.26	47.19	54.00	-6.81
2488.310	Peak	63.63	-4.22	59.41	74.00	-14.59
2488.310	Average	50.81	-4.22	46.59	54.00	-7.41
2495.100	Peak	63.54	-4.17	59.37	74.00	-14.63
2495.100	Average	50.43	-4.17	46.26	54.00	-7.74

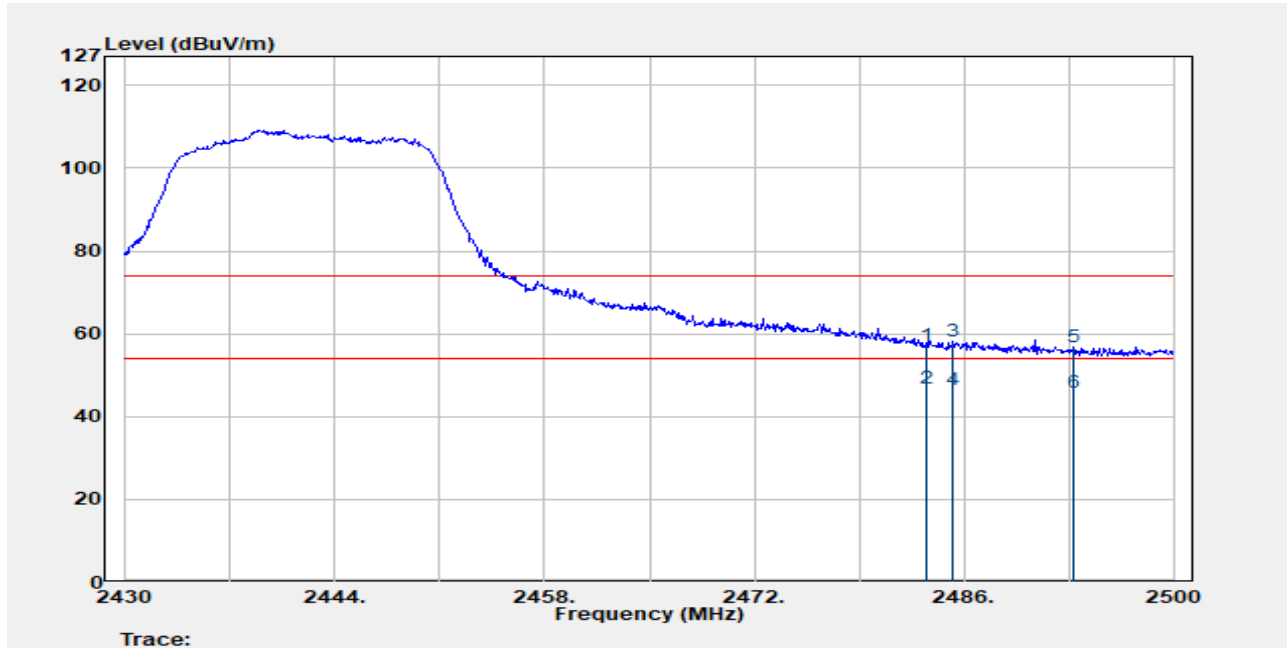
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Report Number :TERF2304001049ER
 Operation Mode :802.11n20
 Test Frequency :2442 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	61.49	-4.26	57.24	74.00	-16.76
2483.500	Average	51.03	-4.26	46.77	54.00	-7.23
2485.300	Peak	62.34	-4.24	58.10	74.00	-15.90
2485.300	Average	50.56	-4.24	46.32	54.00	-7.68
2493.280	Peak	60.81	-4.18	56.63	74.00	-17.37
2493.280	Average	49.89	-4.18	45.71	54.00	-8.29

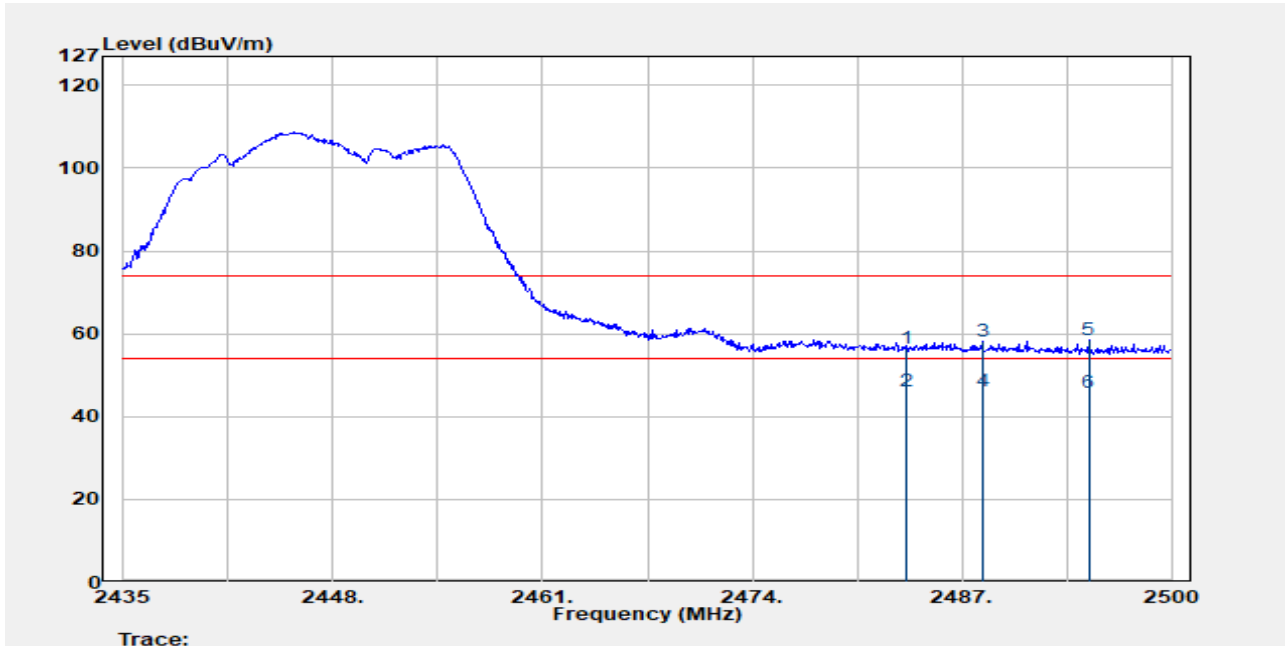
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Report Number :TERF2304001049ER
 Operation Mode :802.11n20
 Test Frequency :2447 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	60.75	-4.26	56.50	74.00	-17.50
2483.500	Average	50.22	-4.26	45.96	54.00	-8.04
2488.300	Peak	62.23	-4.22	58.01	74.00	-15.99
2488.300	Average	50.18	-4.22	45.96	54.00	-8.04
2494.865	Peak	62.73	-4.17	58.56	74.00	-15.44
2494.865	Average	49.78	-4.17	45.61	54.00	-8.39

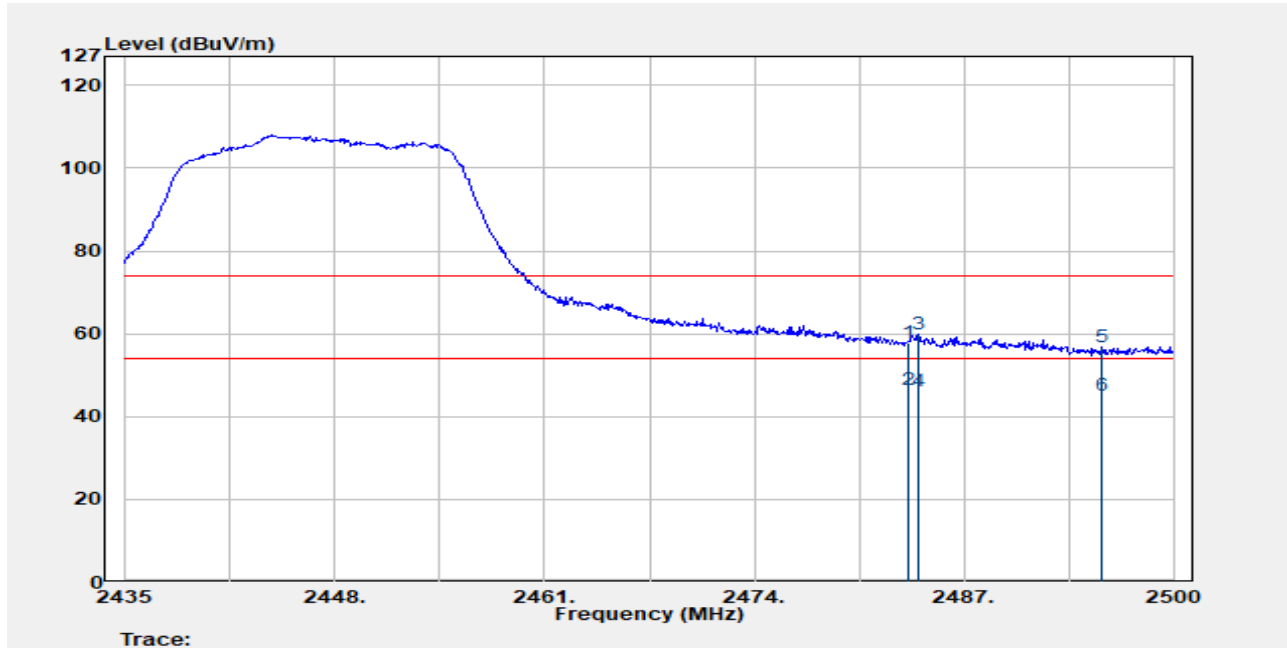
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Report Number :TERF2304001049ER
 Operation Mode :802.11n20
 Test Frequency :2447 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	62.13	-4.26	57.87	74.00	-16.13
2483.500	Average	50.58	-4.26	46.32	54.00	-7.68
2484.205	Peak	64.17	-4.25	59.91	74.00	-14.09
2484.205	Average	50.46	-4.25	46.21	54.00	-7.79
2495.580	Peak	61.12	-4.16	56.95	74.00	-17.05
2495.580	Average	49.36	-4.16	45.20	54.00	-8.80

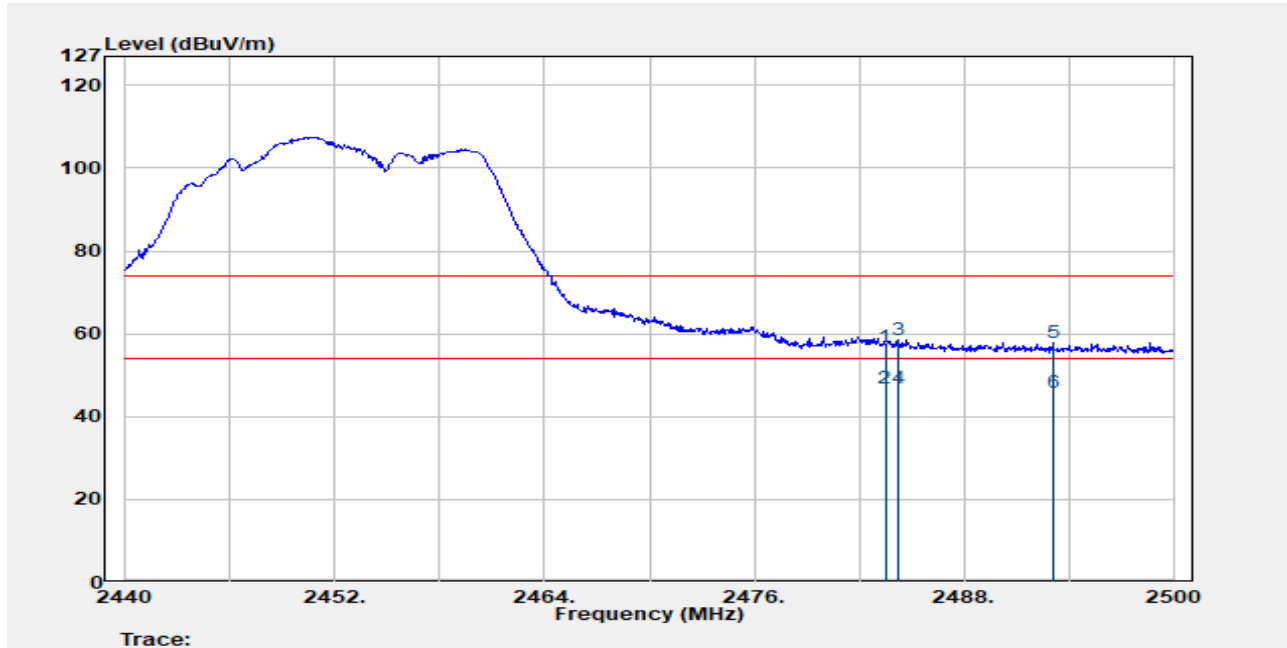
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Report Number :TERF2304001049ER
 Operation Mode :802.11n20
 Test Frequency :2452 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2483.500	Peak	61.11	-4.26	56.85	74.00	-17.15
2483.500	Average	51.15	-4.26	46.89	54.00	-7.11
2484.280	Peak	62.65	-4.25	58.39	74.00	-15.61
2484.280	Average	50.94	-4.25	46.69	54.00	-7.31
2493.100	Peak	62.16	-4.18	57.97	74.00	-16.03
2493.100	Average	49.98	-4.18	45.80	54.00	-8.20

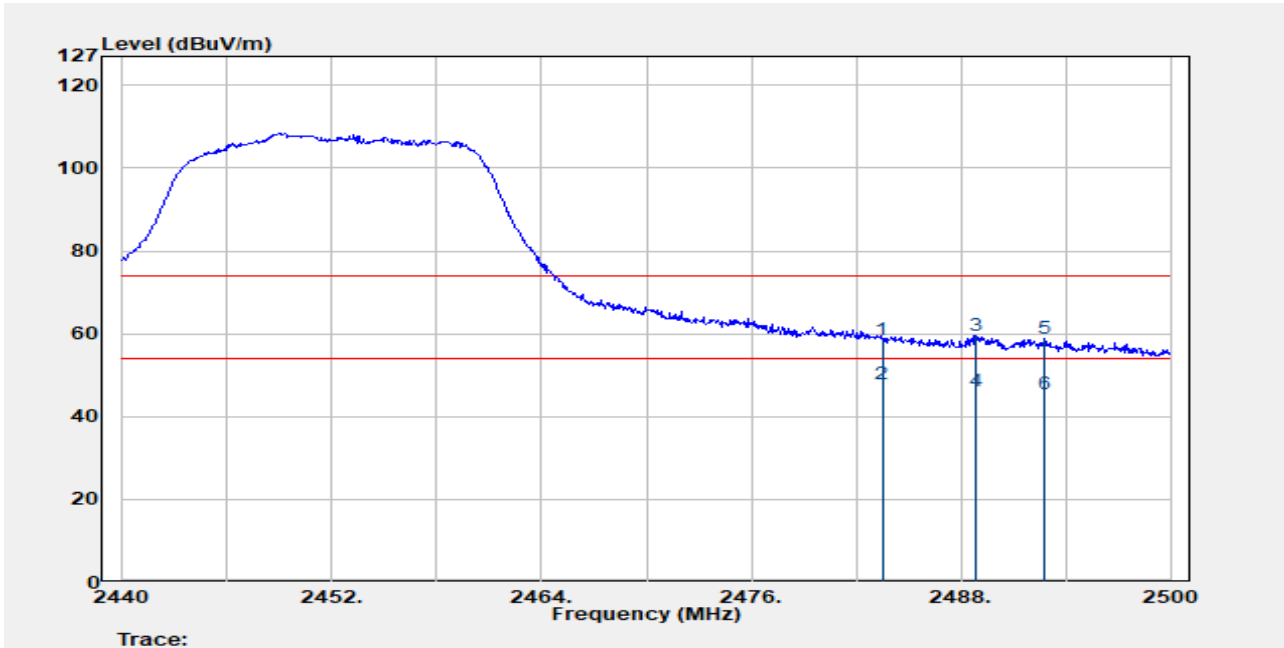
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Report Number :TERF2304001049ER
 Operation Mode :802.11n20
 Test Frequency :2452 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	62.80	-4.26	58.54	74.00	-15.46
2483.500	Average	52.12	-4.26	47.86	54.00	-6.14
2488.900	Peak	63.70	-4.22	59.48	74.00	-14.52
2488.900	Average	50.30	-4.22	46.08	54.00	-7.92
2492.800	Peak	63.11	-4.19	58.93	74.00	-15.07
2492.800	Average	49.78	-4.19	45.59	54.00	-8.41

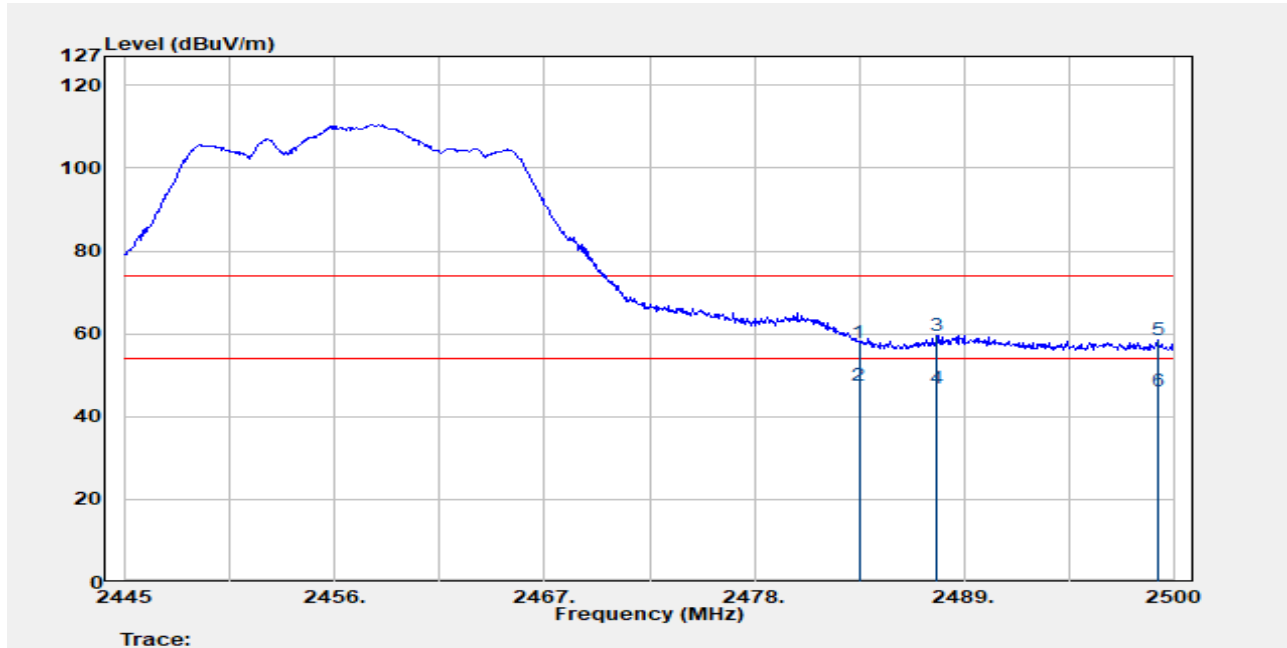
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Report Number :TERF2304001049ER
 Operation Mode :802.11n20
 Test Frequency :2457 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	62.20	-4.26	57.94	74.00	-16.06
2483.500	Average	51.86	-4.26	47.60	54.00	-6.40
2487.570	Peak	63.94	-4.23	59.71	74.00	-14.29
2487.570	Average	50.92	-4.23	46.69	54.00	-7.31
2499.175	Peak	62.60	-4.14	58.46	74.00	-15.54
2499.175	Average	50.18	-4.14	46.04	54.00	-7.96

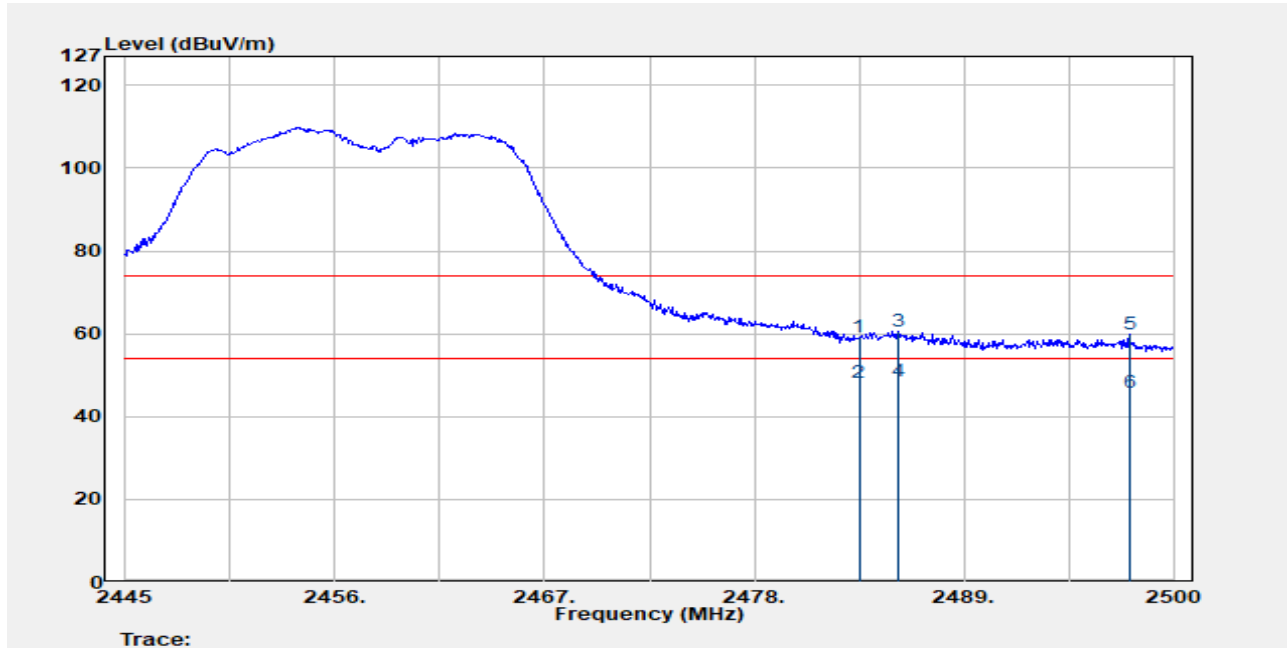
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Report Number :TERF2304001049ER
 Operation Mode :802.11n20
 Test Frequency :2457 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	63.62	-4.26	59.36	74.00	-14.64
2483.500	Average	52.38	-4.26	48.12	54.00	-5.88
2485.535	Peak	64.90	-4.24	60.66	74.00	-13.34
2485.535	Average	52.63	-4.24	48.39	54.00	-5.61
2497.690	Peak	63.95	-4.15	59.80	74.00	-14.20
2497.690	Average	49.88	-4.15	45.73	54.00	-8.27

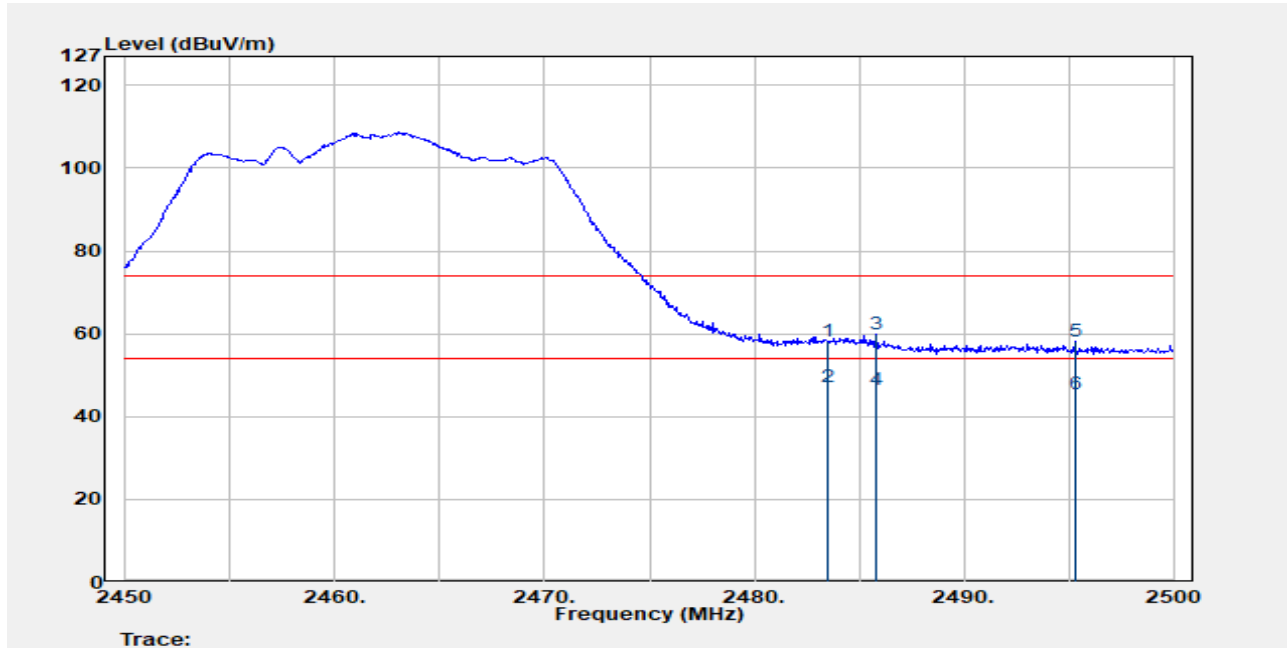
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Report Number :TERF2304001049ER
 Operation Mode :802.11n20
 Test Frequency :2462 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



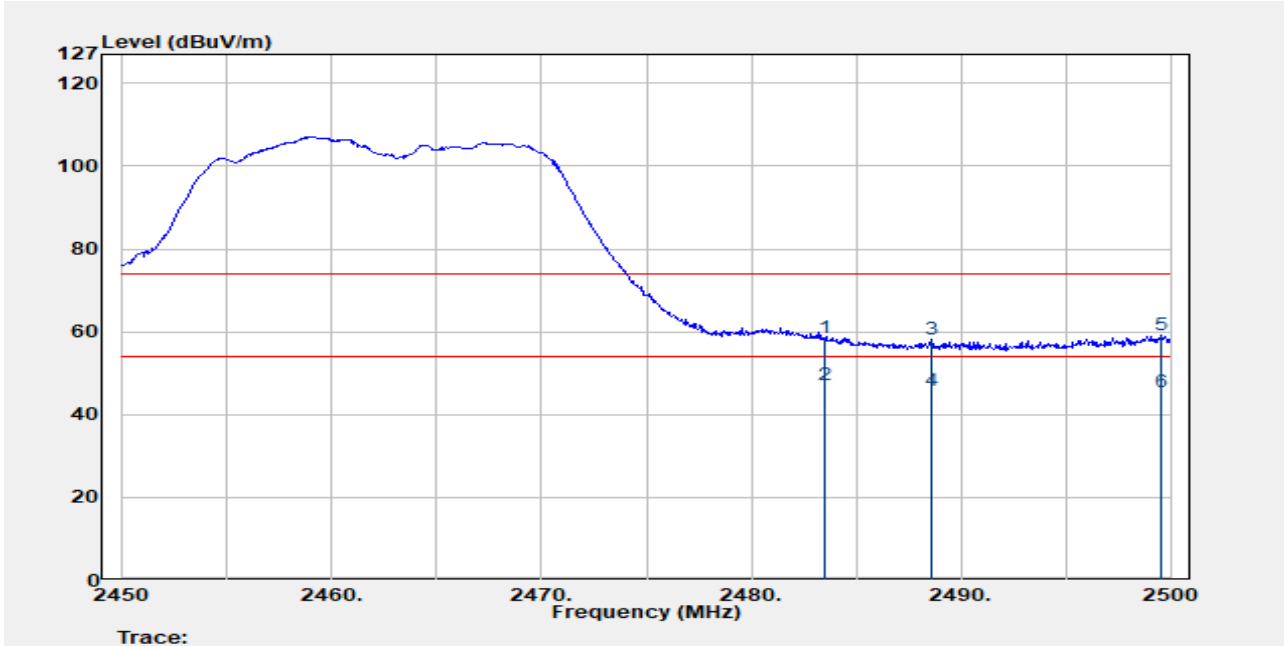
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	62.53	-4.26	58.27	74.00	-15.73
2483.500	Average	51.36	-4.26	47.10	54.00	-6.90
2485.800	Peak	63.99	-4.24	59.75	74.00	-14.25
2485.800	Average	50.73	-4.24	46.49	54.00	-7.51
2495.300	Peak	62.44	-4.17	58.27	74.00	-15.73
2495.300	Average	49.58	-4.17	45.41	54.00	-8.59

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Report Number :TERF2304001049ER
 Operation Mode :802.11n20
 Test Frequency :2462 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	62.72	-4.26	58.47	74.00	-15.53
2483.500	Average	51.28	-4.26	47.02	54.00	-6.98
2488.600	Peak	62.30	-4.22	58.09	74.00	-15.91
2488.600	Average	49.89	-4.22	45.67	54.00	-8.33
2499.550	Peak	63.25	-4.13	59.12	74.00	-14.88
2499.550	Average	49.48	-4.13	45.35	54.00	-8.65

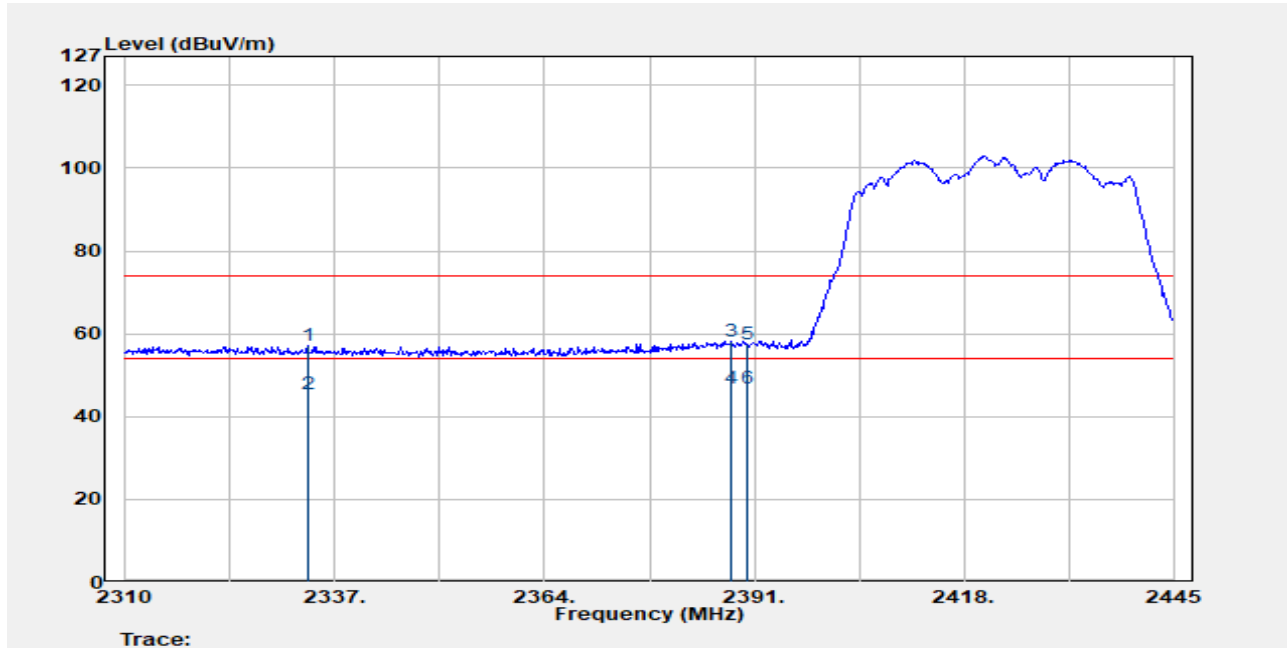
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Report Number :TERF2304001049ER
 Operation Mode :802.11n40
 Test Frequency :2422 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2333.490	Peak	61.34	-4.37	56.98	74.00	-17.02
2333.490	Average	49.72	-4.37	45.35	54.00	-8.65
2388.030	Peak	62.51	-4.18	58.34	74.00	-15.66
2388.030	Average	50.86	-4.18	46.68	54.00	-7.32
2390.000	Peak	61.53	-4.17	57.36	74.00	-16.64
2390.000	Average	51.12	-4.17	46.95	54.00	-7.05

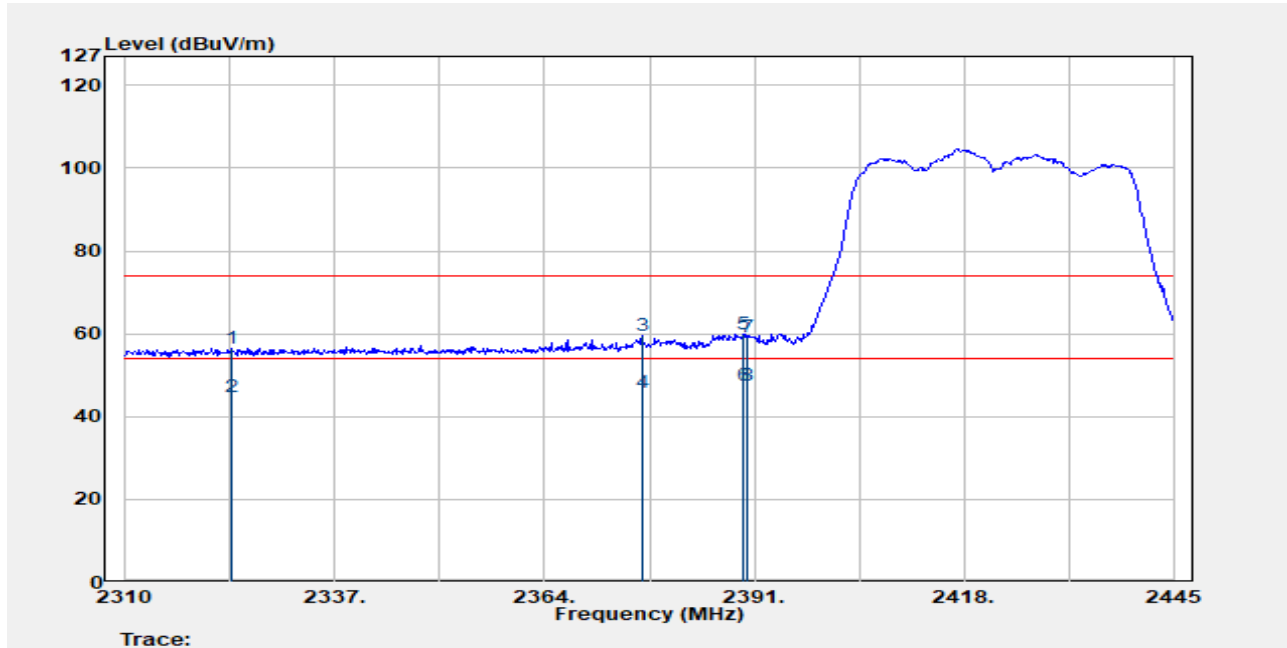
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Report Number :TERF2304001049ER
 Operation Mode :802.11n40
 Test Frequency :2422 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2323.635	Peak	60.79	-4.35	56.43	74.00	-17.57
2323.635	Average	49.16	-4.35	44.81	54.00	-9.19
2376.555	Peak	63.72	-4.24	59.48	74.00	-14.52
2376.555	Average	50.18	-4.24	45.94	54.00	-8.06
2389.590	Peak	64.05	-4.17	59.88	74.00	-14.12
2389.590	Average	51.66	-4.17	47.49	54.00	-6.51
2390.000	Peak	63.33	-4.17	59.17	74.00	-14.83
2390.000	Average	51.53	-4.17	47.36	54.00	-6.64

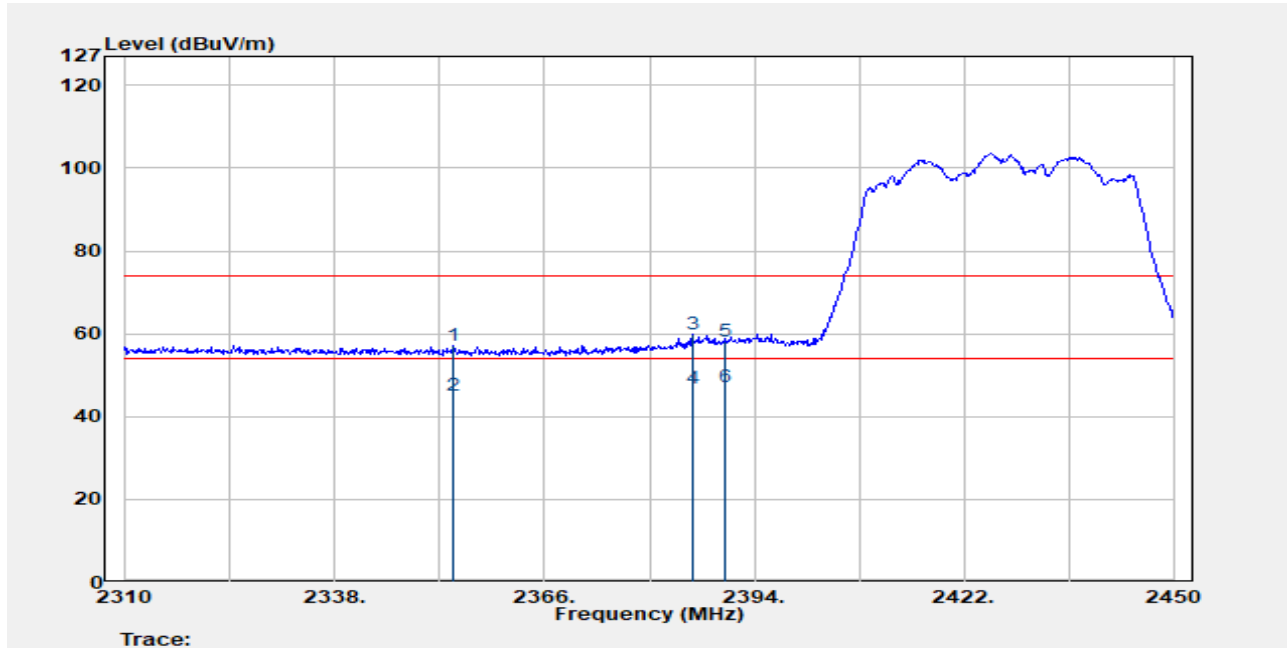
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Report Number :TERF2304001049ER
 Operation Mode :802.11n40
 Test Frequency :2427 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2353.820	Peak	61.63	-4.37	57.26	74.00	-16.74
2353.820	Average	49.48	-4.37	45.11	54.00	-8.89
2385.740	Peak	64.00	-4.19	59.81	74.00	-14.19
2385.740	Average	50.98	-4.19	46.79	54.00	-7.21
2390.000	Peak	62.44	-4.17	58.28	74.00	-15.72
2390.000	Average	51.46	-4.17	47.29	54.00	-6.71

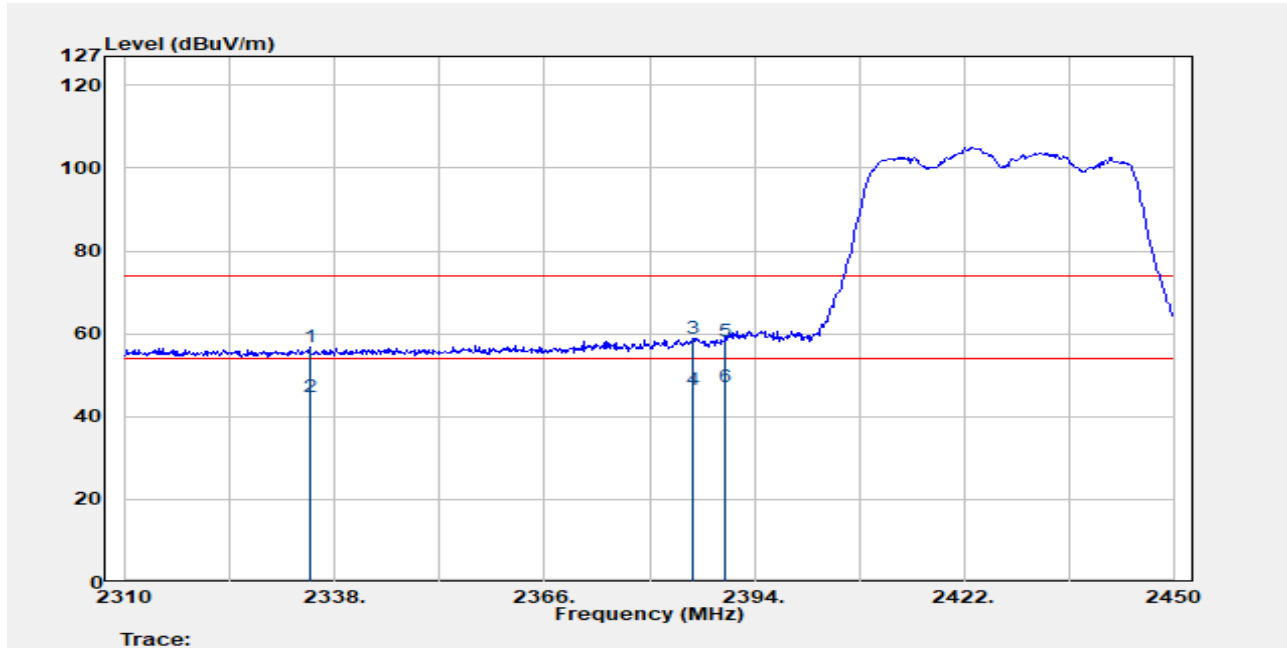
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Report Number :TERF2304001049ER
 Operation Mode :802.11n40
 Test Frequency :2427 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2334.640	Peak	61.10	-4.37	56.73	74.00	-17.27
2334.640	Average	49.16	-4.37	44.79	54.00	-9.21
2385.880	Peak	63.07	-4.19	58.88	74.00	-15.12
2385.880	Average	50.69	-4.19	46.50	54.00	-7.50
2390.000	Peak	62.34	-4.17	58.17	74.00	-15.83
2390.000	Average	51.26	-4.17	47.09	54.00	-6.91

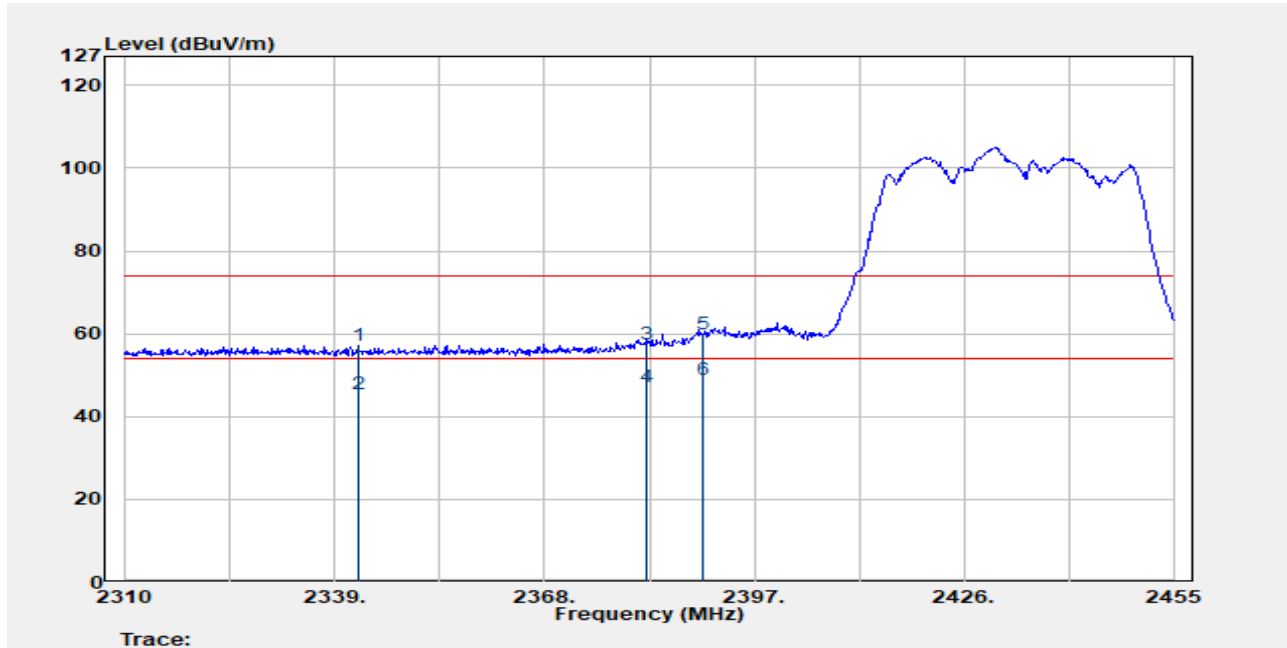
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Report Number :TERF2304001049ER
 Operation Mode :802.11n40
 Test Frequency :2432 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2342.190	Peak	61.59	-4.38	57.21	74.00	-16.79
2342.190	Average	49.75	-4.38	45.37	54.00	-8.63
2382.170	Peak	61.80	-4.21	57.59	74.00	-16.41
2382.170	Average	51.34	-4.21	47.13	54.00	-6.87
2390.000	Peak	64.09	-4.17	59.93	74.00	-14.07
2390.000	Average	53.08	-4.17	48.91	54.00	-5.09

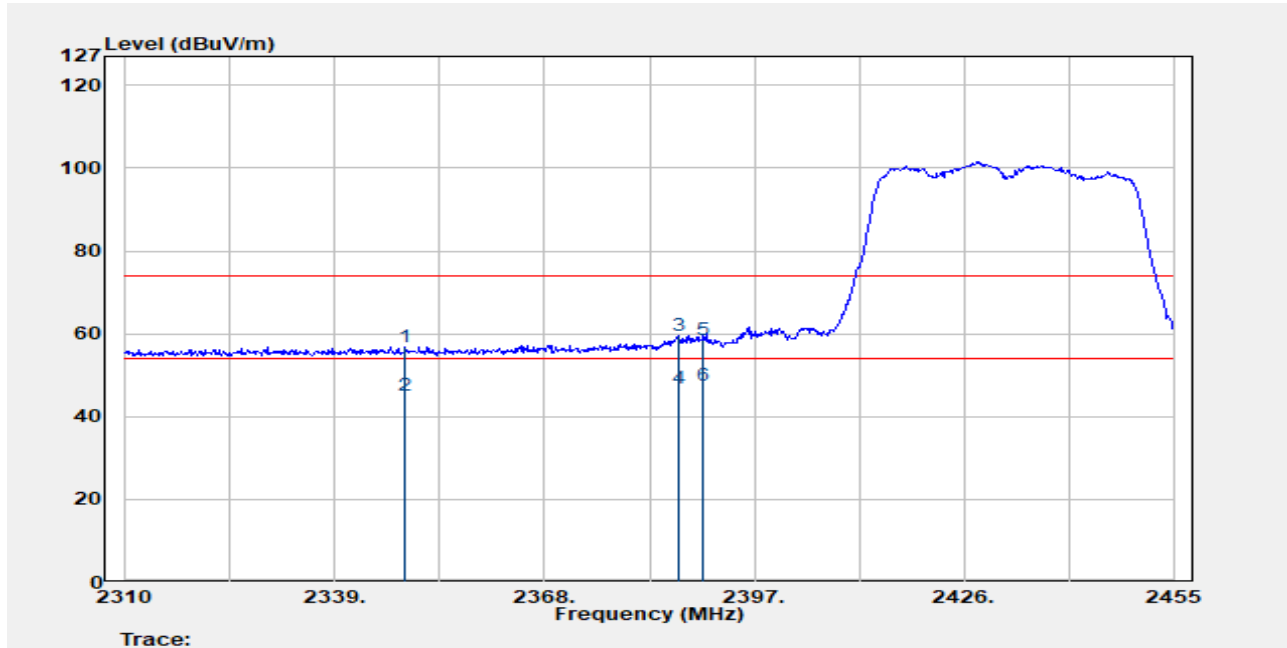
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Report Number :TERF2304001049ER
 Operation Mode :802.11n40
 Test Frequency :2432 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2348.715	Peak	61.13	-4.39	56.74	74.00	-17.26
2348.715	Average	49.43	-4.39	45.04	54.00	-8.96
2386.415	Peak	63.60	-4.19	59.41	74.00	-14.59
2386.415	Average	51.03	-4.19	46.84	54.00	-7.16
2390.000	Peak	62.67	-4.17	58.50	74.00	-15.50
2390.000	Average	51.52	-4.17	47.35	54.00	-6.65

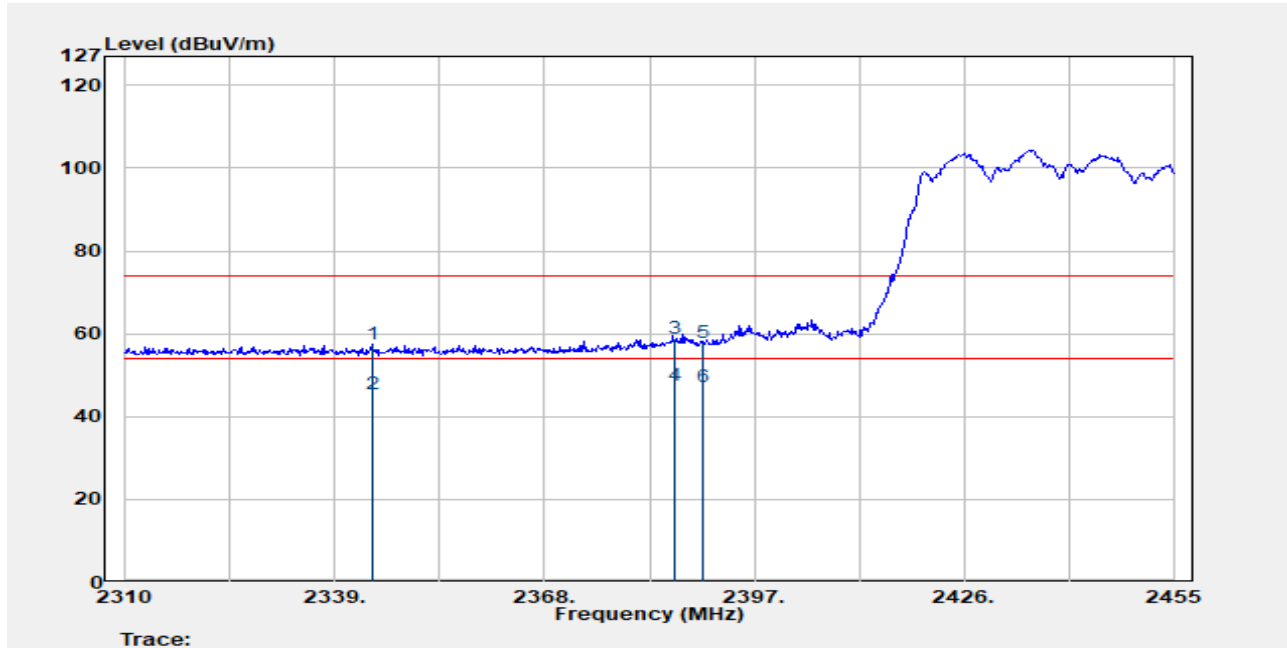
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Report Number :TERF2304001049ER
 Operation Mode :802.11n40
 Test Frequency :2437 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2344.075	Peak	61.83	-4.38	57.44	74.00	-16.56
2344.075	Average	49.73	-4.38	45.35	54.00	-8.65
2386.085	Peak	63.16	-4.19	58.98	74.00	-15.02
2386.085	Average	51.73	-4.19	47.54	54.00	-6.46
2390.000	Peak	62.15	-4.17	57.98	74.00	-16.02
2390.000	Average	51.46	-4.17	47.29	54.00	-6.71

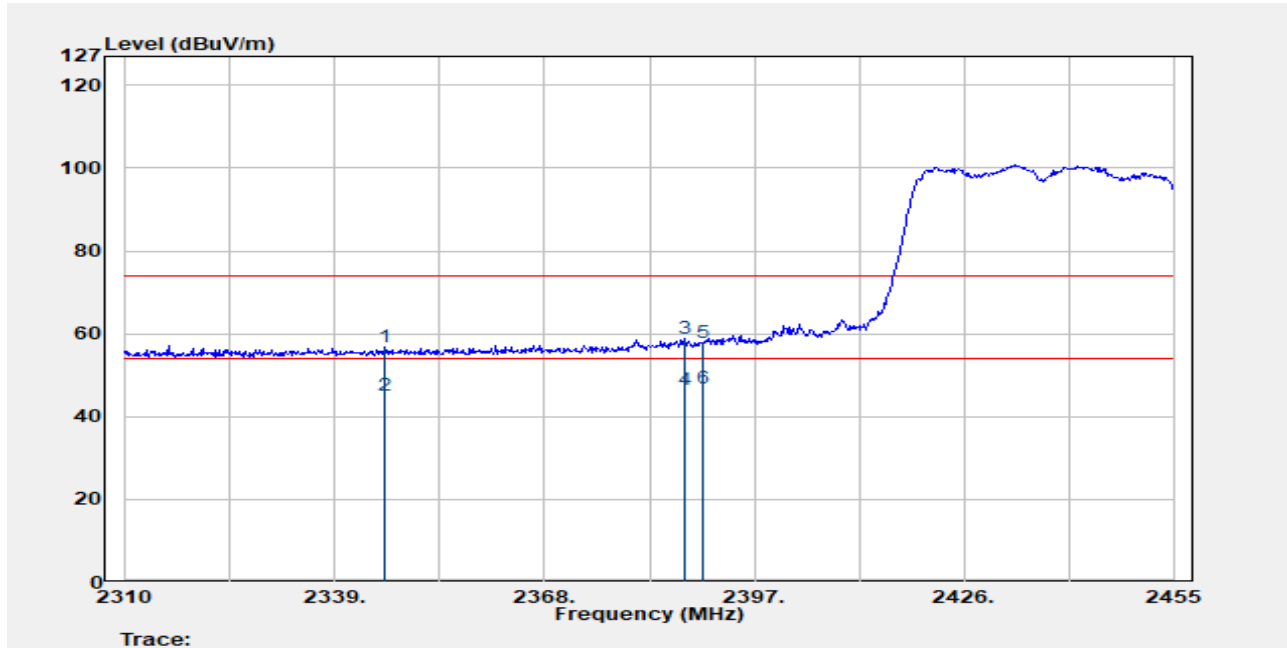
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Report Number :TERF2304001049ER
 Operation Mode :802.11n40
 Test Frequency :2437 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2345.960	Peak	61.34	-4.38	56.96	74.00	-17.04
2345.960	Average	49.39	-4.38	45.01	54.00	-8.99
2387.285	Peak	62.90	-4.18	58.72	74.00	-15.28
2387.285	Average	50.68	-4.18	46.50	54.00	-7.50
2390.000	Peak	62.09	-4.17	57.92	74.00	-16.08
2390.000	Average	50.86	-4.17	46.69	54.00	-7.31

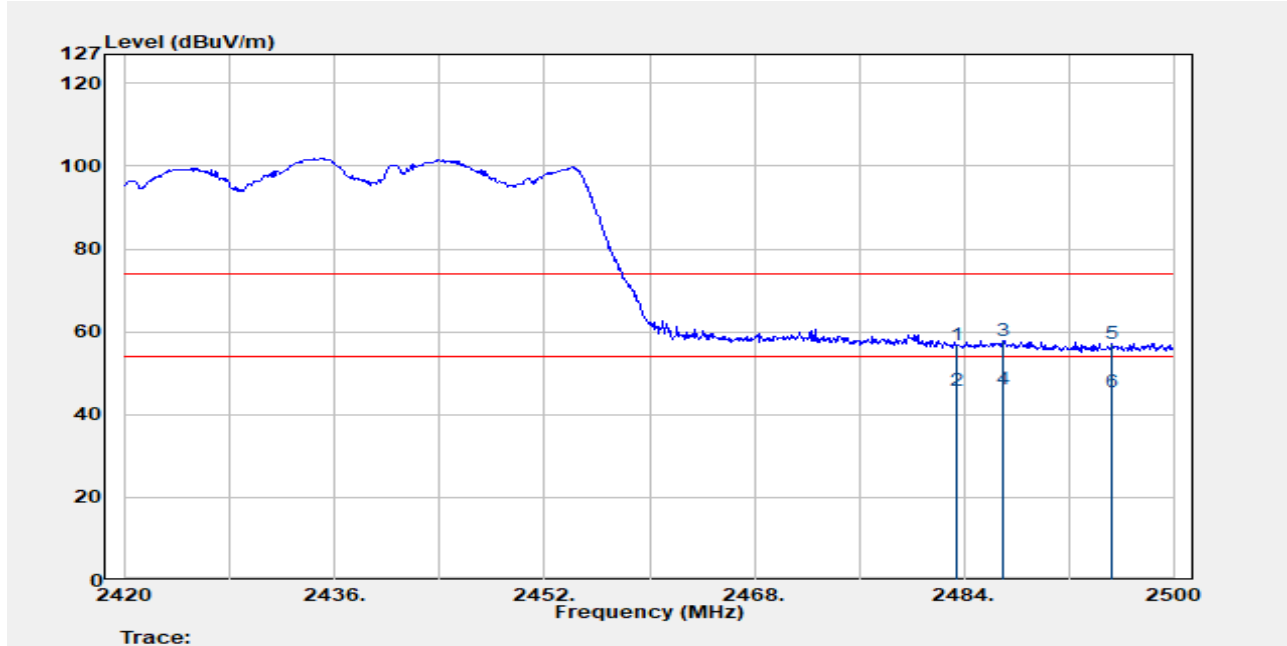
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Report Number :TERF2304001049ER
 Operation Mode :802.11n40
 Test Frequency :2437 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2483.500	Peak	61.06	-4.26	56.80	74.00	-17.20
2483.500	Average	50.12	-4.26	45.86	54.00	-8.14
2486.960	Peak	62.19	-4.23	57.96	74.00	-16.04
2486.960	Average	50.33	-4.23	46.10	54.00	-7.90
2495.360	Peak	61.39	-4.17	57.23	74.00	-16.77
2495.360	Average	49.66	-4.17	45.49	54.00	-8.51

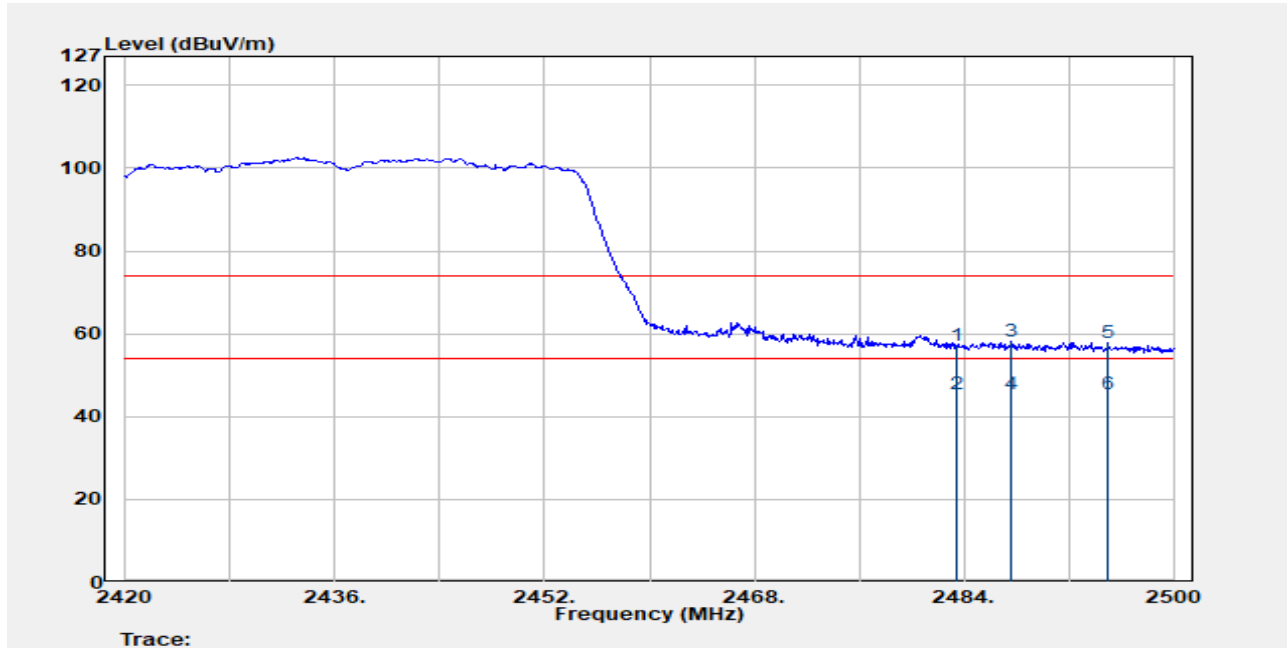
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Report Number :TERF2304001049ER
 Operation Mode :802.11n40
 Test Frequency :2437 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	61.22	-4.26	56.96	74.00	-17.04
2483.500	Average	49.78	-4.26	45.52	54.00	-8.48
2487.680	Peak	62.55	-4.23	58.33	74.00	-15.67
2487.680	Average	49.79	-4.23	45.56	54.00	-8.44
2495.040	Peak	61.85	-4.17	57.68	74.00	-16.32
2495.040	Average	49.49	-4.17	45.32	54.00	-8.68

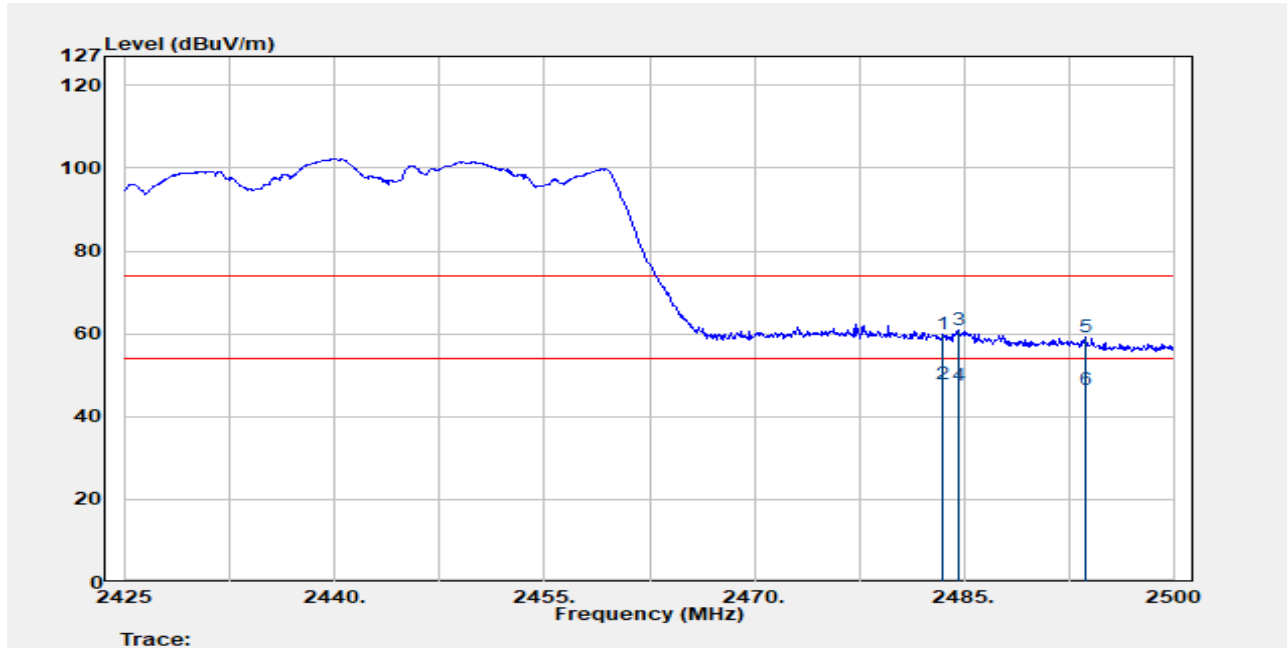
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Report Number :TERF2304001049ER
 Operation Mode :802.11n40
 Test Frequency :2442 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.500	Peak	64.27	-4.26	60.01	74.00	-13.99
2483.500	Average	51.99	-4.26	47.73	54.00	-6.27
2484.625	Peak	65.18	-4.25	60.93	74.00	-13.07
2484.625	Average	51.78	-4.25	47.53	54.00	-6.47
2493.700	Peak	63.33	-4.18	59.15	74.00	-14.85
2493.700	Average	50.58	-4.18	46.40	54.00	-7.60

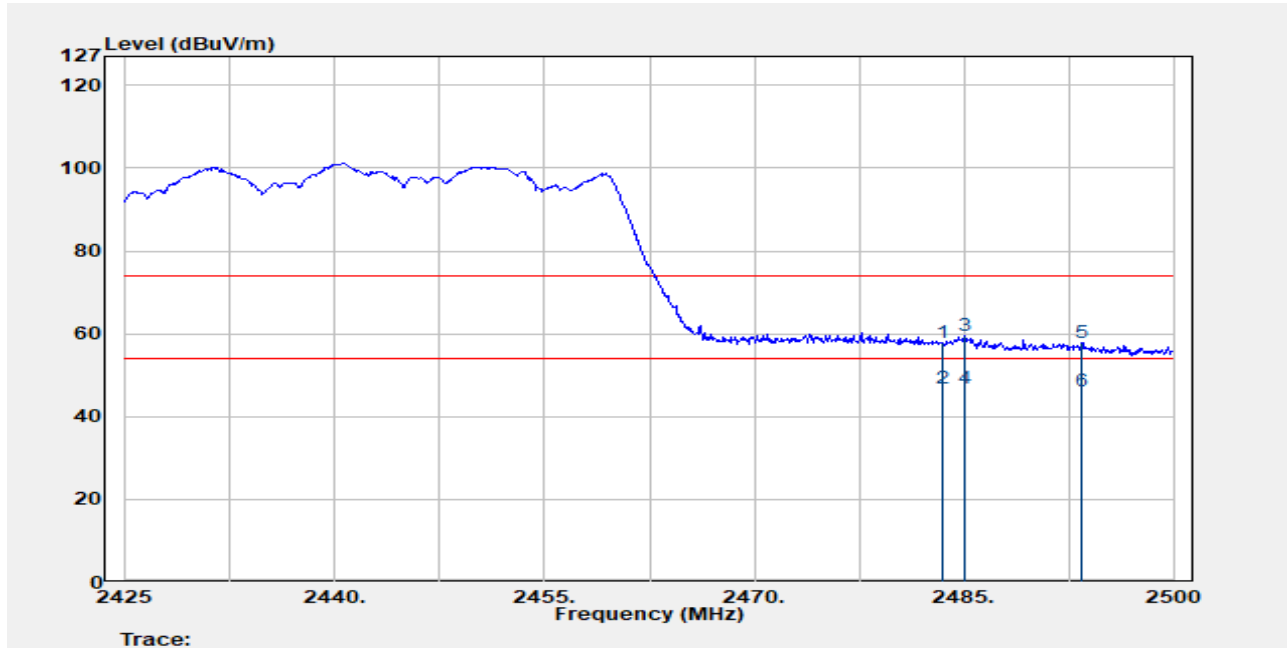
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Report Number :TERF2304001049ER
 Operation Mode :802.11n40
 Test Frequency :2442 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	62.18	-4.26	57.92	74.00	-16.08
2483.500	Average	51.18	-4.26	46.92	54.00	-7.08
2485.000	Peak	63.83	-4.25	59.59	74.00	-14.41
2485.000	Average	50.96	-4.25	46.71	54.00	-7.29
2493.400	Peak	61.88	-4.18	57.70	74.00	-16.30
2493.400	Average	50.16	-4.18	45.98	54.00	-8.02

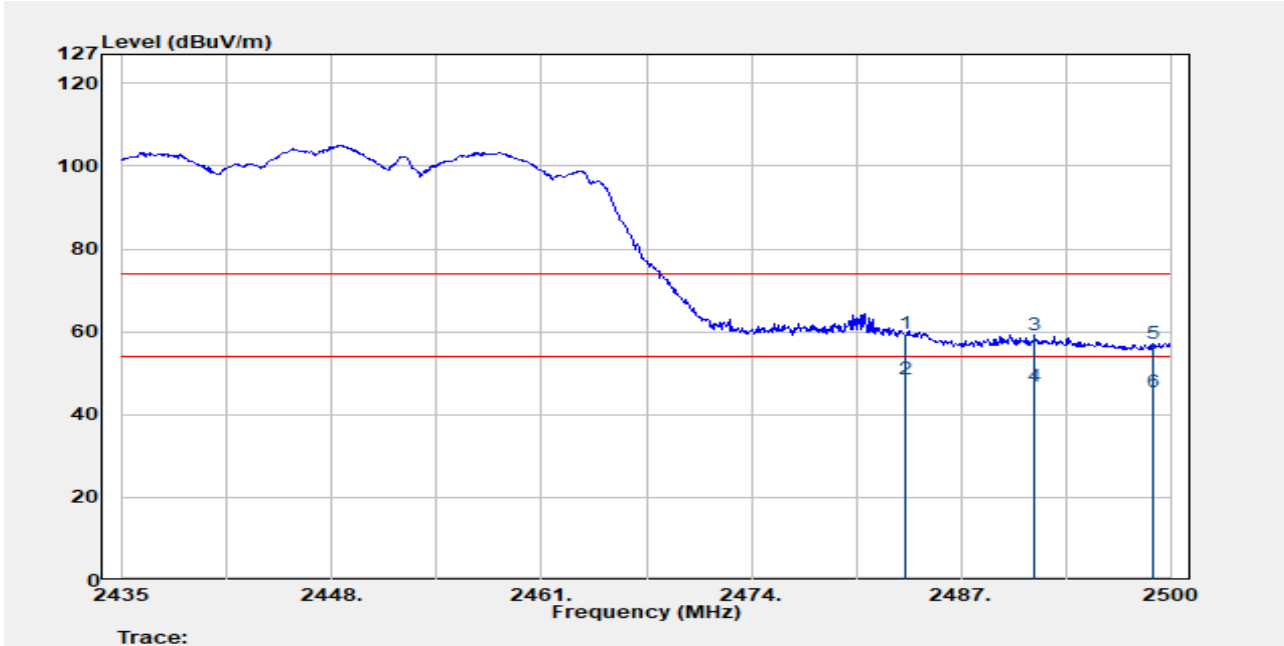
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Report Number :TERF2304001049ER
 Operation Mode :802.11n40
 Test Frequency :2447 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2483.500	Peak	63.64	-4.26	59.39	74.00	-14.61
2483.500	Average	52.68	-4.26	48.42	54.00	-5.58
2491.615	Peak	63.24	-4.19	59.05	74.00	-14.95
2491.615	Average	50.93	-4.19	46.74	54.00	-7.26
2498.895	Peak	61.43	-4.14	57.30	74.00	-16.70
2498.895	Average	49.72	-4.14	45.58	54.00	-8.42

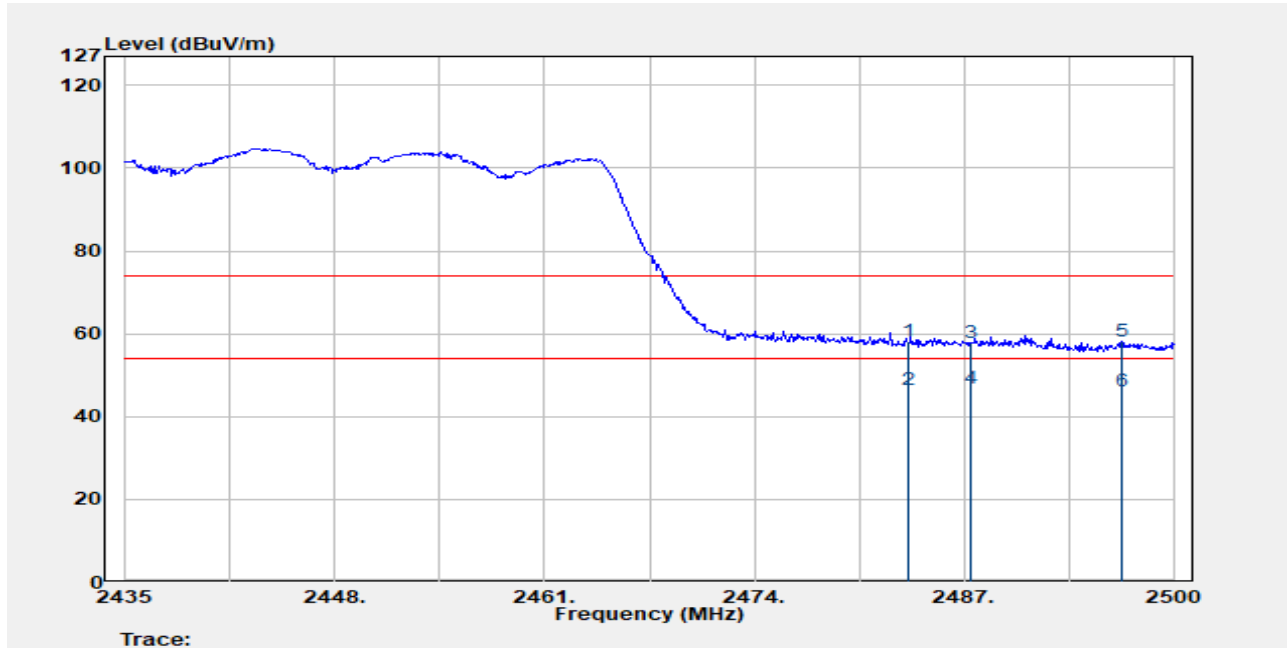
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Report Number :TERF2304001049ER
 Operation Mode :802.11n40
 Test Frequency :2447 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	62.29	-4.26	58.04	74.00	-15.96
2483.500	Average	50.76	-4.26	46.50	54.00	-7.50
2487.400	Peak	61.97	-4.23	57.74	74.00	-16.26
2487.400	Average	51.08	-4.23	46.85	54.00	-7.15
2496.815	Peak	62.40	-4.15	58.24	74.00	-15.76
2496.815	Average	50.28	-4.15	46.13	54.00	-7.87

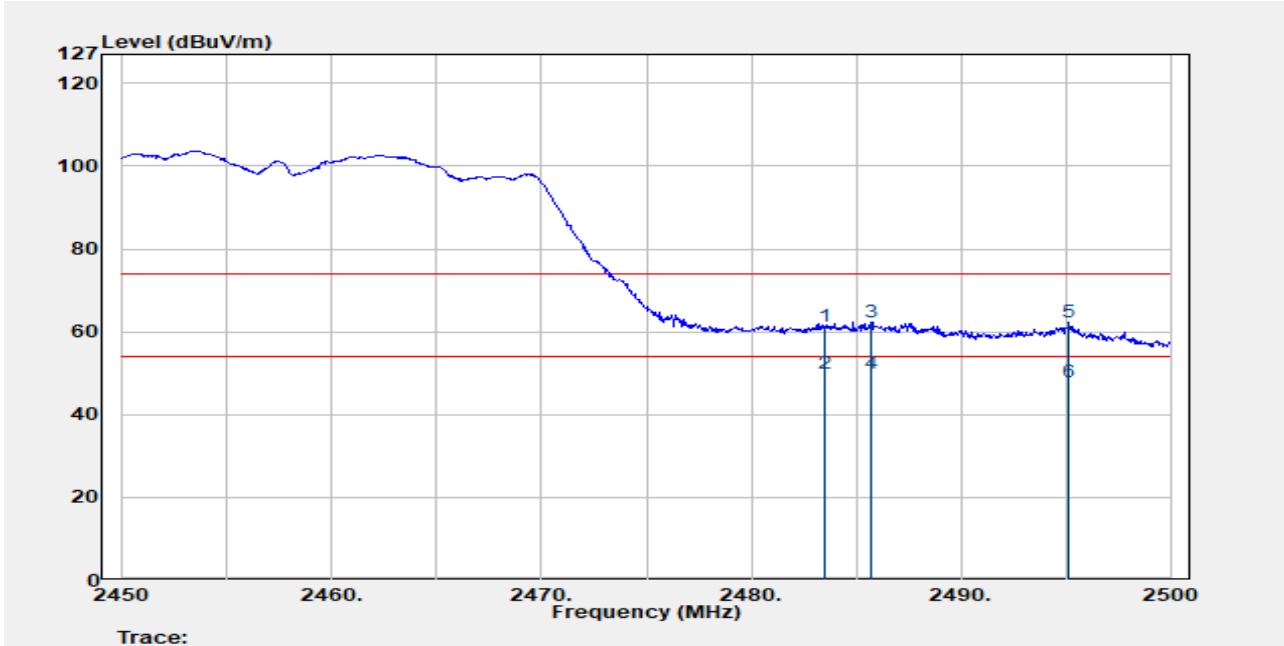
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Report Number :TERF2304001049ER
 Operation Mode :802.11n40
 Test Frequency :2452 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2483.500	Peak	65.64	-4.26	61.38	74.00	-12.62
2483.500	Average	54.12	-4.26	49.86	54.00	-4.14
2485.700	Peak	66.52	-4.24	62.28	74.00	-11.72
2485.700	Average	54.19	-4.24	49.95	54.00	-4.05
2495.150	Peak	66.34	-4.17	62.17	74.00	-11.83
2495.150	Average	52.08	-4.17	47.91	54.00	-6.09

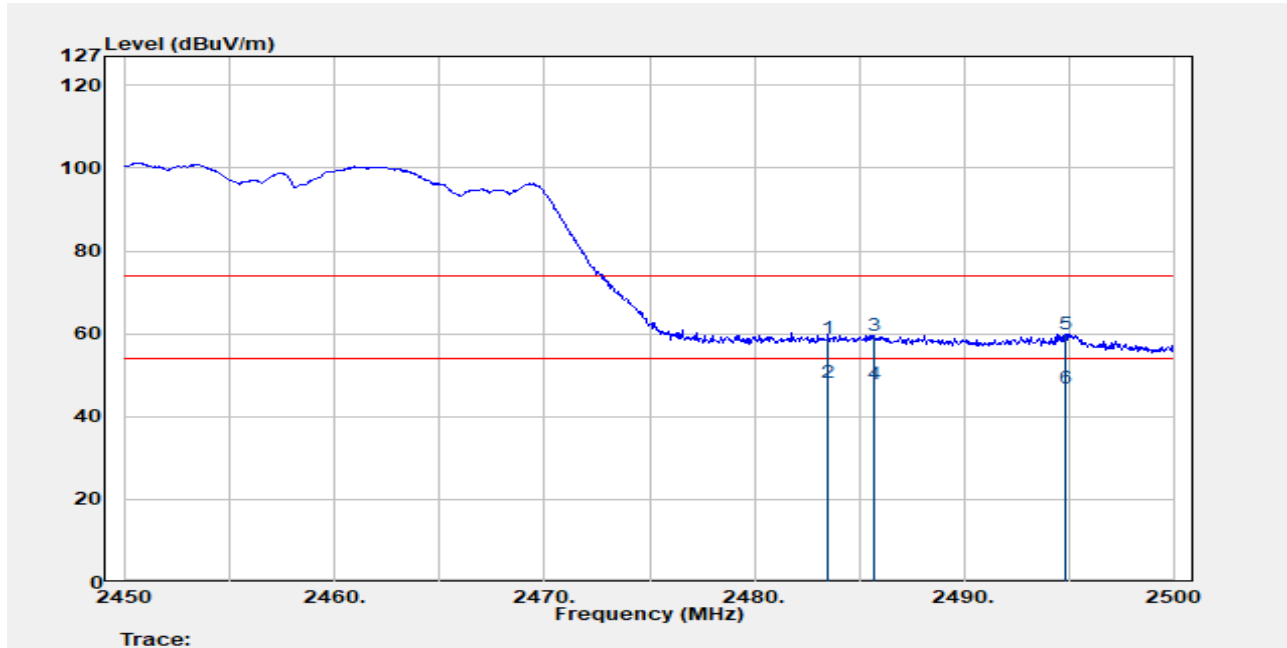
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Report Number :TERF2304001049ER
 Operation Mode :802.11n40
 Test Frequency :2452 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



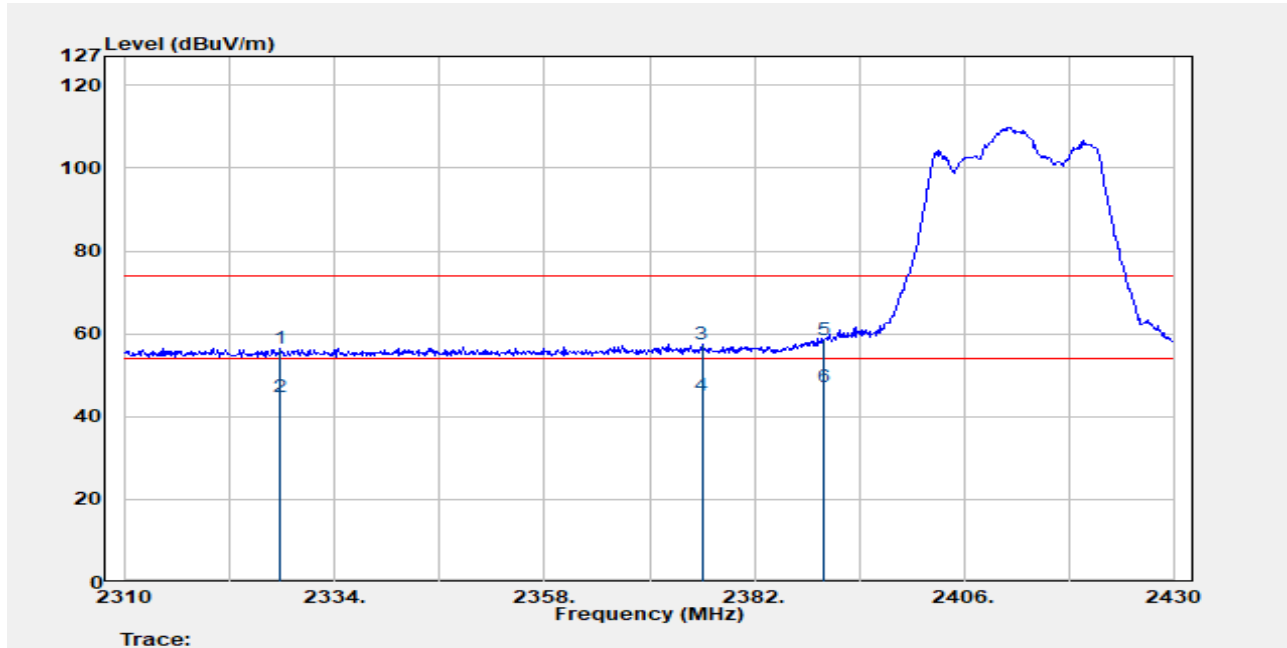
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	63.00	-4.26	58.74	74.00	-15.26
2483.500	Average	52.33	-4.26	48.07	54.00	-5.93
2485.750	Peak	63.85	-4.24	59.61	74.00	-14.39
2485.750	Average	52.19	-4.24	47.95	54.00	-6.05
2494.850	Peak	64.20	-4.17	60.03	74.00	-13.97
2494.850	Average	51.06	-4.17	46.89	54.00	-7.11

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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU FULL
 Test Frequency :2412 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2327.760	Peak	60.96	-4.36	56.60	74.00	-17.40
2327.760	Average	49.13	-4.36	44.77	54.00	-9.23
2376.000	Peak	61.89	-4.24	57.65	74.00	-16.35
2376.000	Average	49.39	-4.24	45.15	54.00	-8.85
2390.000	Peak	62.66	-4.17	58.50	74.00	-15.50
2390.000	Average	51.32	-4.17	47.15	54.00	-6.85

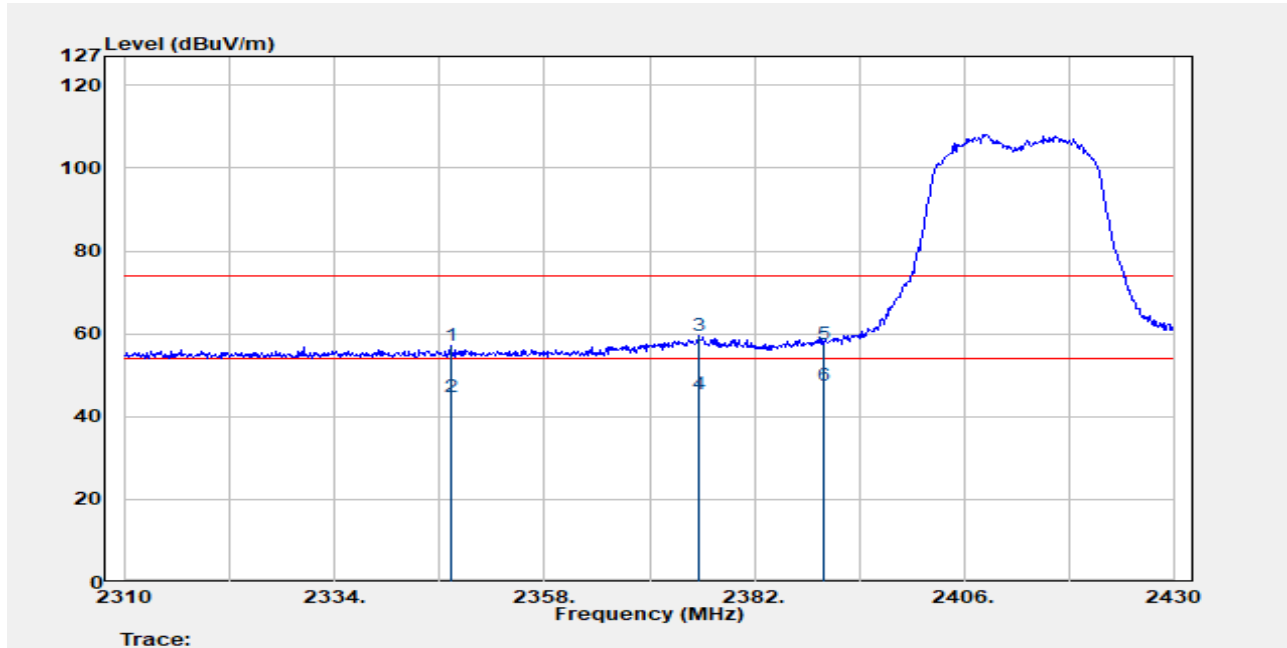
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU FULL
 Test Frequency :2412 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2347.200	Peak	61.45	-4.39	57.06	74.00	-16.94
2347.200	Average	49.12	-4.39	44.73	54.00	-9.27
2375.640	Peak	63.62	-4.25	59.37	74.00	-14.63
2375.640	Average	49.78	-4.25	45.53	54.00	-8.47
2390.000	Peak	61.78	-4.17	57.61	74.00	-16.39
2390.000	Average	51.50	-4.17	47.33	54.00	-6.67

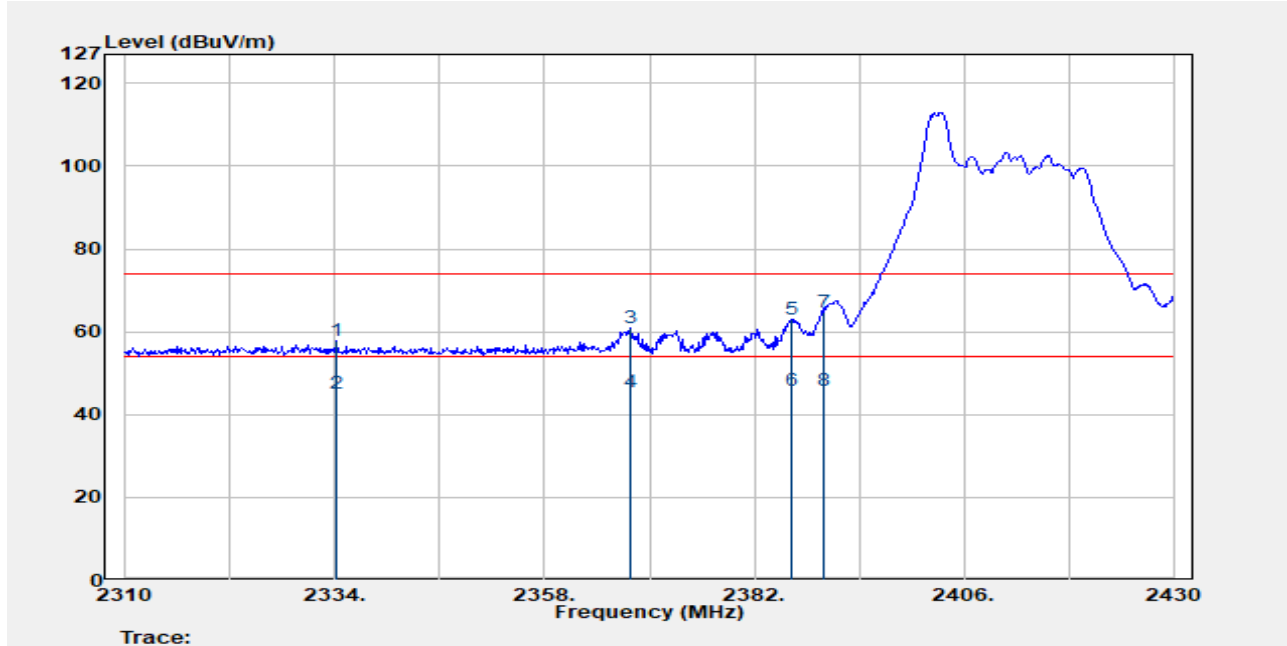
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU 26/0
 Test Frequency :2412 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2334.240	Peak	62.12	-4.37	57.76	74.00	-16.24
2334.240	Average	49.44	-4.37	45.07	54.00	-8.93
2367.720	Peak	65.19	-4.29	60.90	74.00	-13.10
2367.720	Average	49.70	-4.29	45.41	54.00	-8.59
2386.320	Peak	67.02	-4.19	62.84	74.00	-11.16
2386.320	Average	49.79	-4.19	45.60	54.00	-8.40
2390.000	Peak	68.93	-4.17	64.76	74.00	-9.24
2390.000	Average	49.91	-4.17	45.74	54.00	-8.26

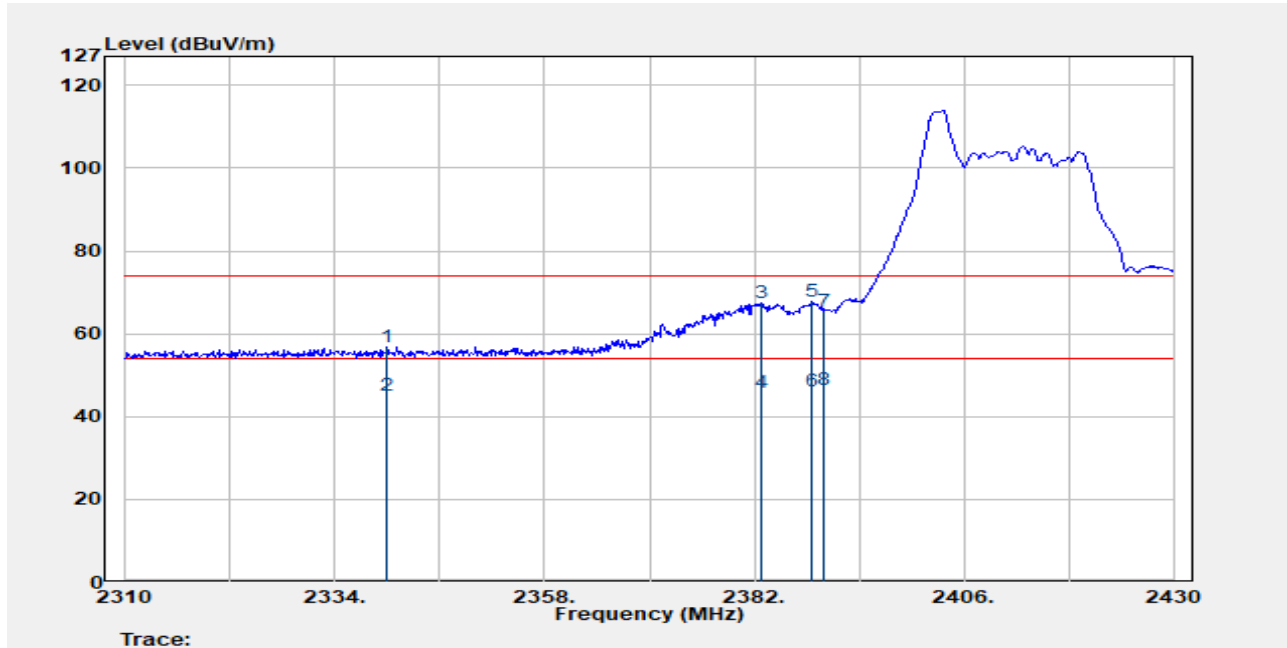
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU 26/0
 Test Frequency :2412 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2340.000	Peak	61.26	-4.38	56.88	74.00	-17.12
2340.000	Average	49.44	-4.38	45.06	54.00	-8.94
2382.720	Peak	71.58	-4.21	67.38	74.00	-6.62
2382.720	Average	50.13	-4.21	45.92	54.00	-8.08
2388.600	Peak	71.81	-4.17	67.64	74.00	-6.36
2388.600	Average	50.40	-4.17	46.23	54.00	-7.77
2390.000	Peak	69.67	-4.17	65.51	74.00	-8.49
2390.000	Average	50.47	-4.17	46.30	54.00	-7.70

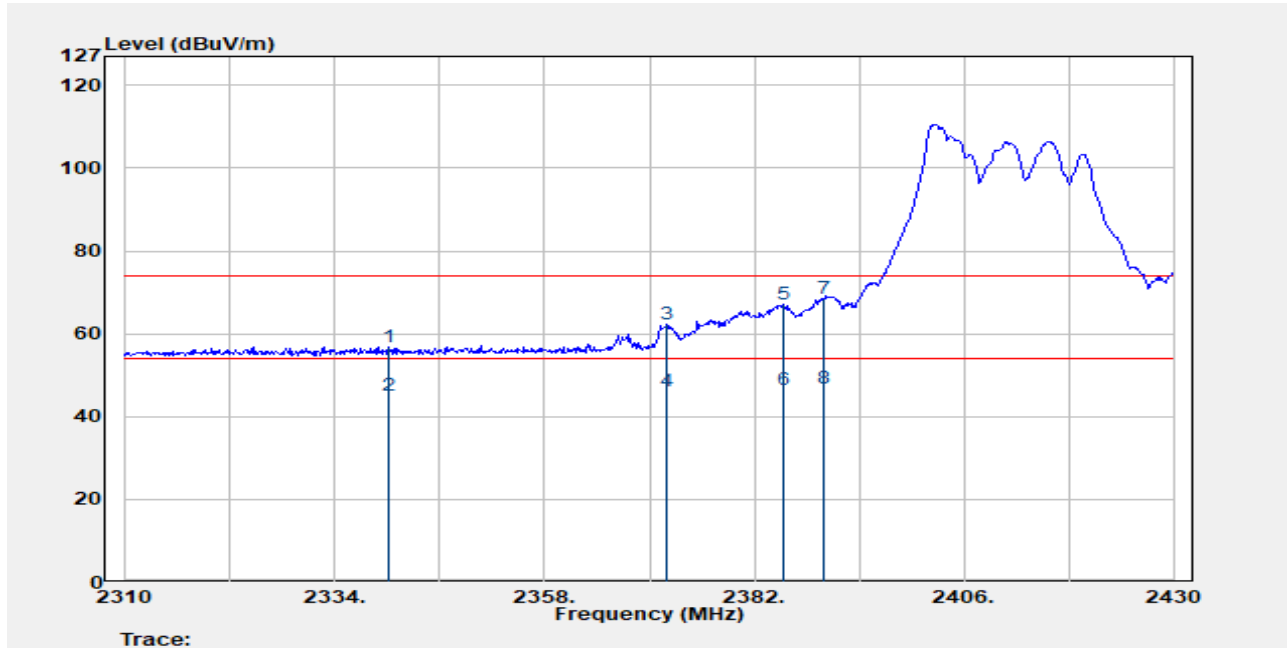
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU 52/37
 Test Frequency :2412 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2340.240	Peak	61.20	-4.38	56.82	74.00	-17.18
2340.240	Average	49.59	-4.38	45.21	54.00	-8.79
2372.040	Peak	66.68	-4.27	62.42	74.00	-11.58
2372.040	Average	50.31	-4.27	46.04	54.00	-7.96
2385.360	Peak	71.21	-4.19	67.02	74.00	-6.98
2385.360	Average	50.53	-4.19	46.34	54.00	-7.66
2390.000	Peak	72.82	-4.17	68.65	74.00	-5.35
2390.000	Average	51.07	-4.17	46.90	54.00	-7.10

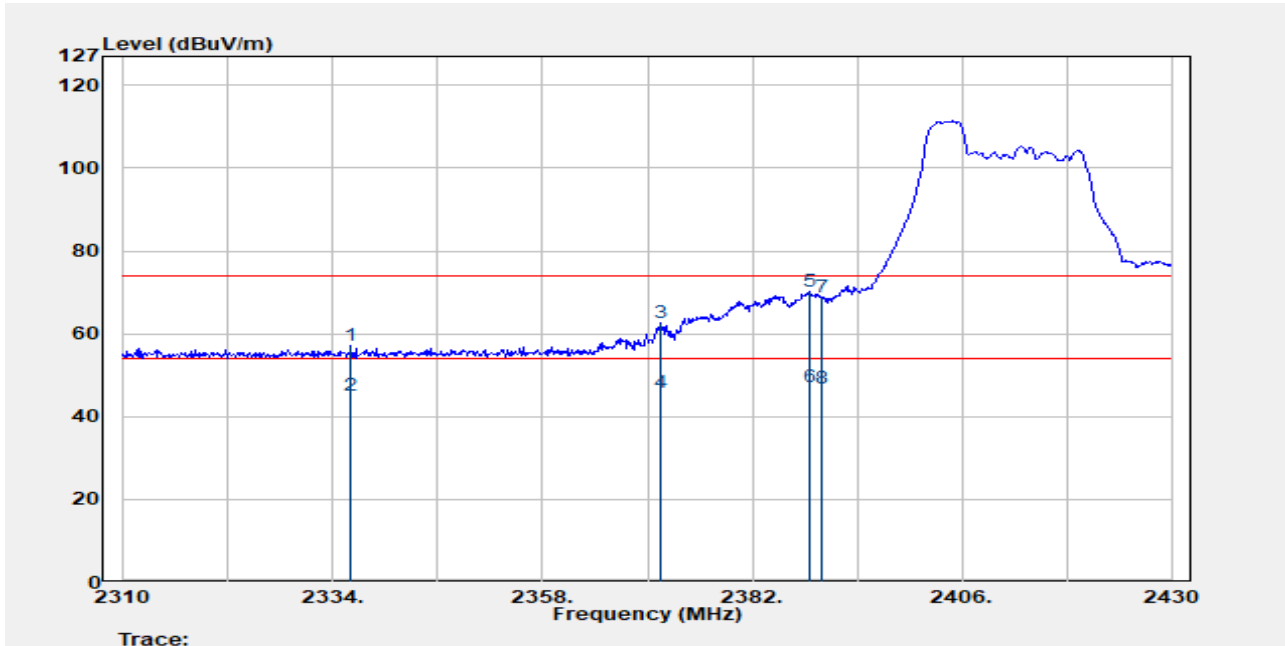
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU 52/37
 Test Frequency :2412 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2336.040	Peak	61.62	-4.37	57.25	74.00	-16.75
2336.040	Average	49.38	-4.37	45.01	54.00	-8.99
2371.440	Peak	66.79	-4.27	62.52	74.00	-11.48
2371.440	Average	50.05	-4.27	45.78	54.00	-8.22
2388.480	Peak	74.42	-4.17	70.25	74.00	-3.75
2388.480	Average	51.19	-4.17	47.02	54.00	-6.98
2390.000	Peak	73.08	-4.17	68.91	74.00	-5.09
2390.000	Average	51.11	-4.17	46.94	54.00	-7.06

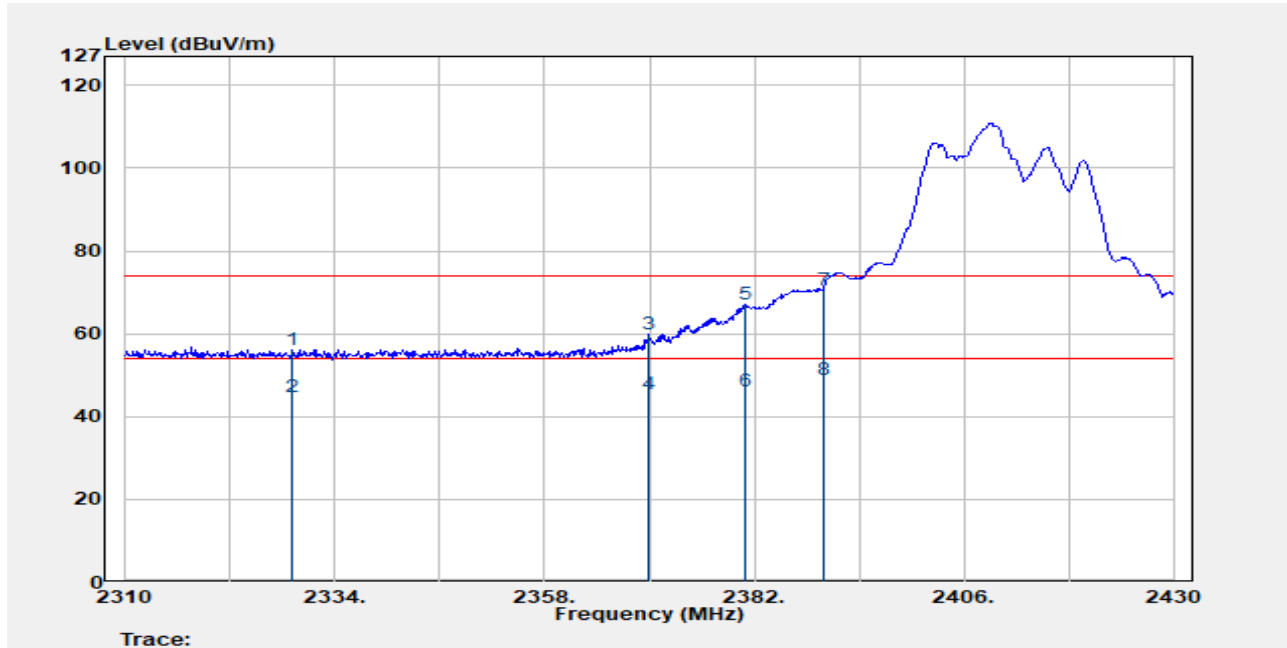
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU 106/53
 Test Frequency :2412 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2329.080	Peak	60.59	-4.36	56.23	74.00	-17.77
2329.080	Average	49.25	-4.36	44.89	54.00	-9.11
2370.000	Peak	64.04	-4.28	59.77	74.00	-14.23
2370.000	Average	49.74	-4.28	45.46	54.00	-8.54
2380.920	Peak	71.24	-4.22	67.03	74.00	-6.97
2380.920	Average	50.36	-4.22	46.14	54.00	-7.86
2390.000	Peak	74.73	-4.17	70.57	74.00	-3.43
2390.000	Average	52.91	-4.17	48.74	54.00	-5.26

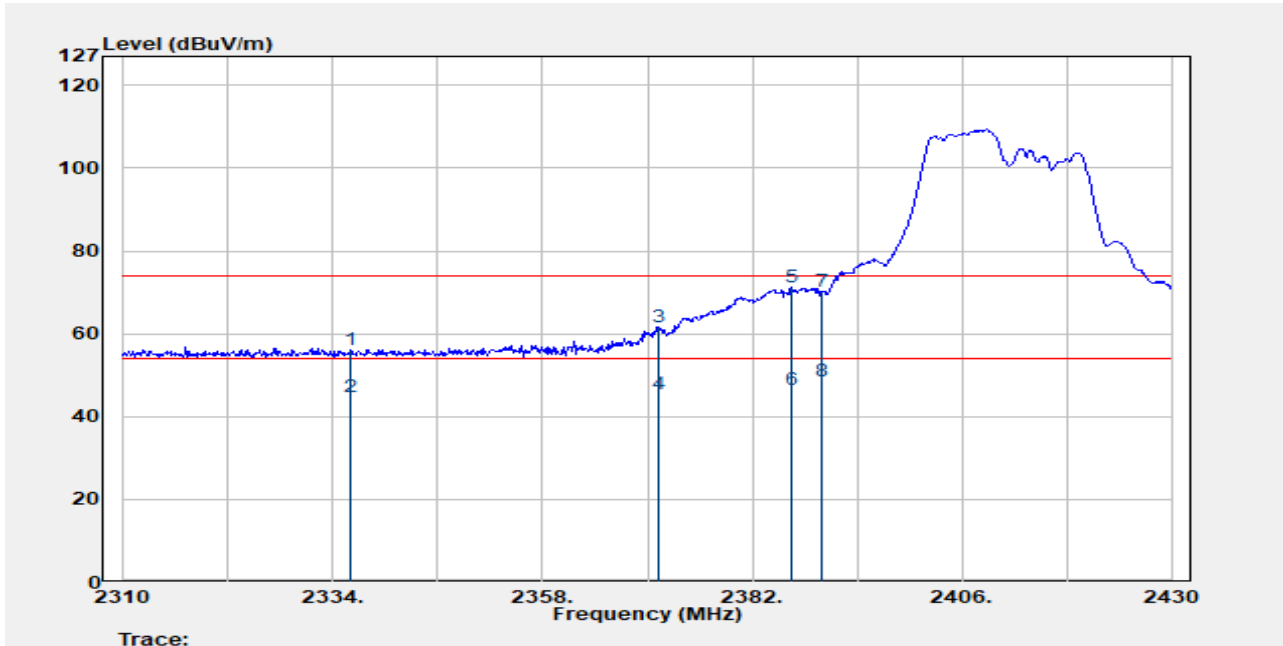
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU 106/53
 Test Frequency :2412 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2336.040	Peak	60.34	-4.37	55.97	74.00	-18.03
2336.040	Average	49.22	-4.37	44.85	54.00	-9.15
2371.320	Peak	66.03	-4.27	61.76	74.00	-12.24
2371.320	Average	49.80	-4.27	45.53	54.00	-8.47
2386.560	Peak	75.26	-4.18	71.08	74.00	-2.92
2386.560	Average	50.78	-4.18	46.60	54.00	-7.40
2390.000	Peak	74.37	-4.17	70.21	74.00	-3.79
2390.000	Average	52.60	-4.17	48.43	54.00	-5.57

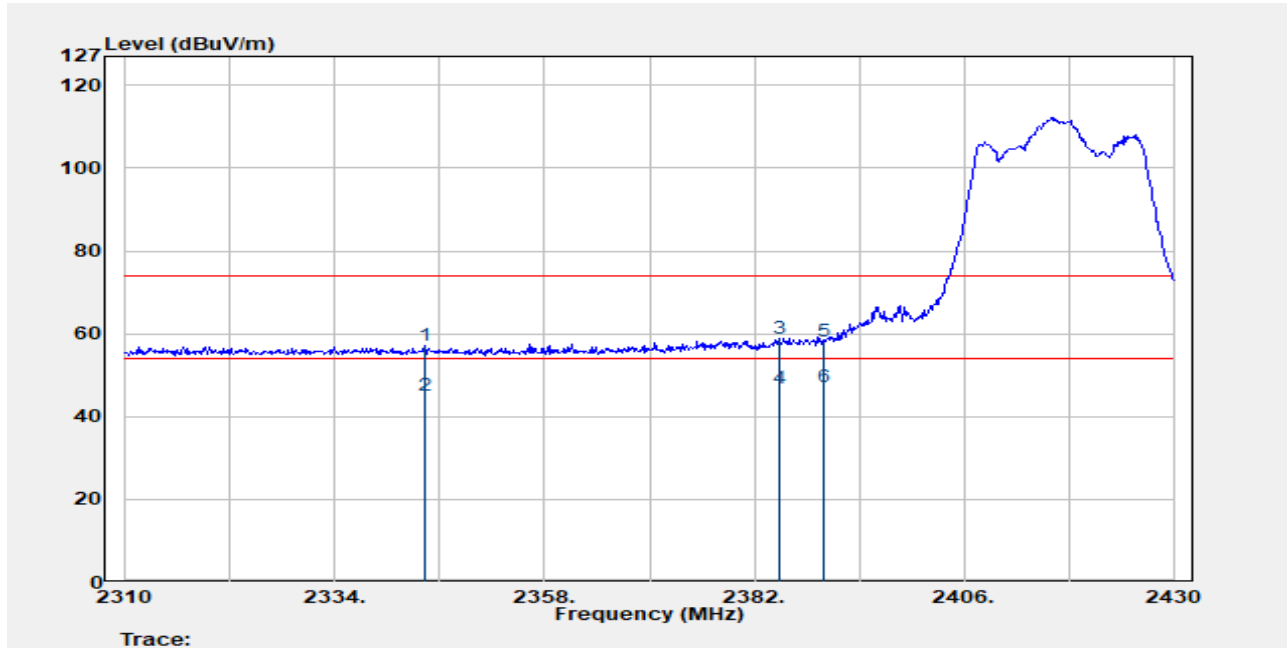
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU FULL
 Test Frequency :2417 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2344.320	Peak	61.57	-4.38	57.19	74.00	-16.81
2344.320	Average	49.58	-4.38	45.20	54.00	-8.80
2384.880	Peak	63.12	-4.19	58.93	74.00	-15.07
2384.880	Average	50.90	-4.19	46.71	54.00	-7.29
2390.000	Peak	62.33	-4.17	58.17	74.00	-15.83
2390.000	Average	51.48	-4.17	47.31	54.00	-6.69

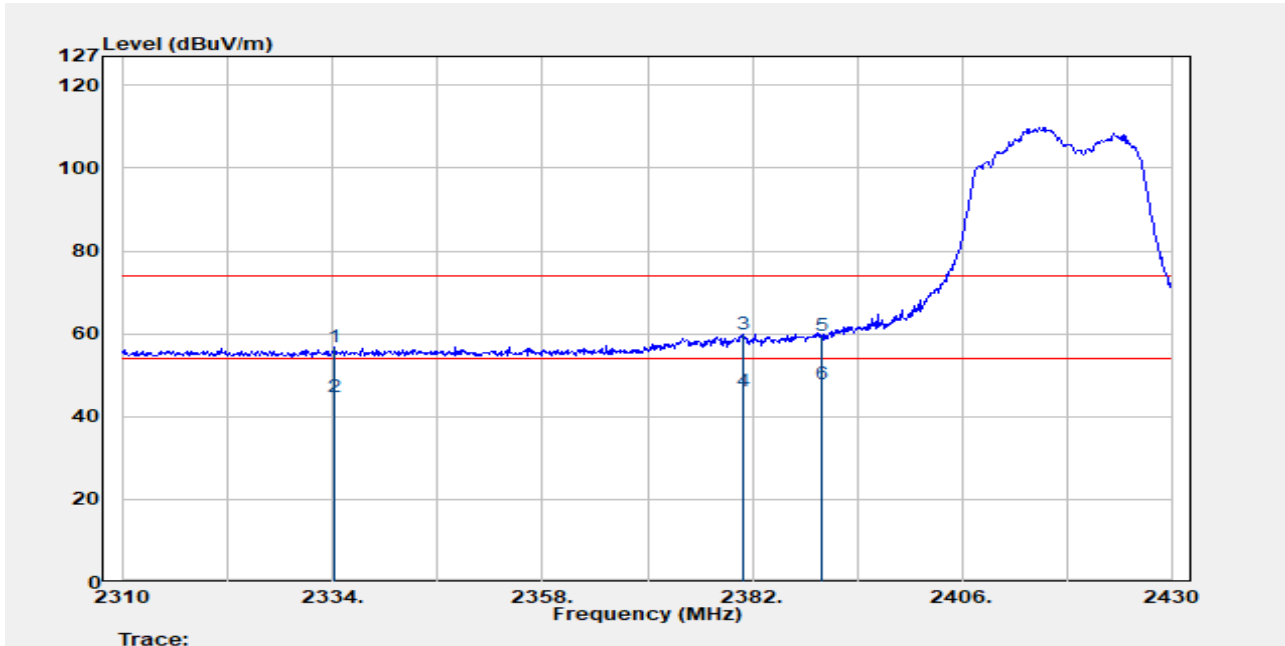
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU FULL
 Test Frequency :2417 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2334.240	Peak	61.16	-4.37	56.80	74.00	-17.20
2334.240	Average	49.08	-4.37	44.71	54.00	-9.29
2380.920	Peak	64.24	-4.22	60.02	74.00	-13.98
2380.920	Average	50.38	-4.22	46.16	54.00	-7.84
2390.000	Peak	63.87	-4.17	59.70	74.00	-14.30
2390.000	Average	52.08	-4.17	47.91	54.00	-6.09

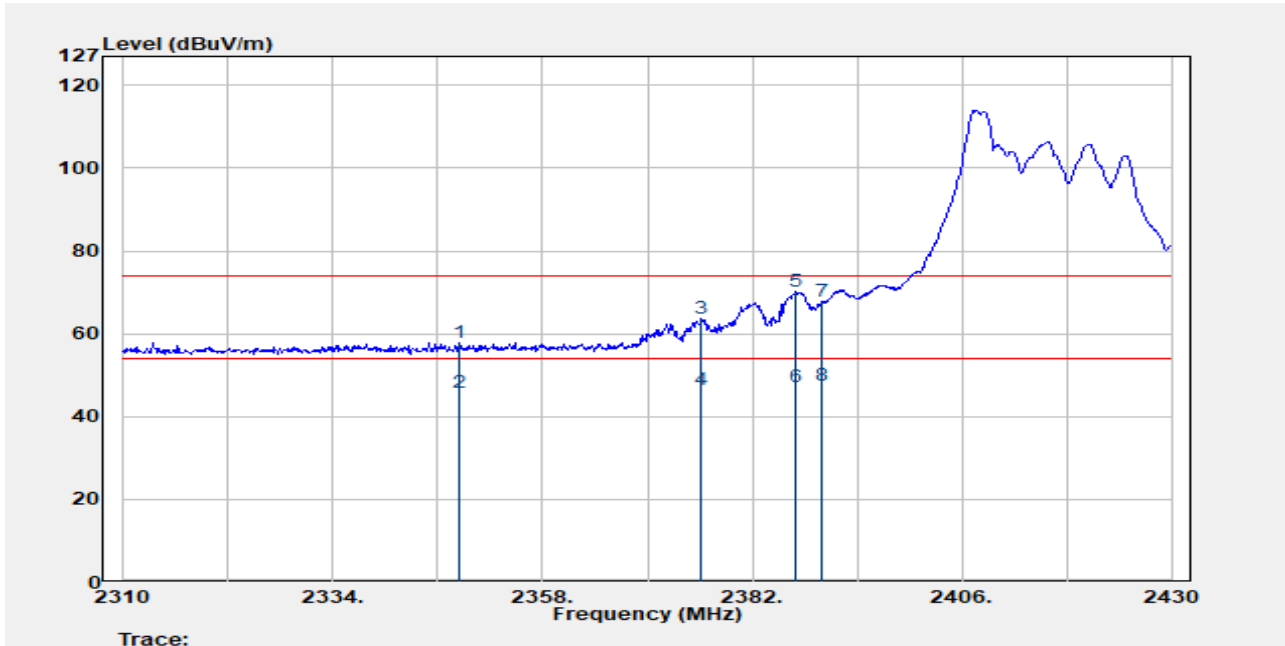
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU 26/0
 Test Frequency :2417 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2348.520	Peak	62.32	-4.39	57.93	74.00	-16.07
2348.520	Average	50.21	-4.39	45.82	54.00	-8.18
2376.120	Peak	67.90	-4.24	63.66	74.00	-10.34
2376.120	Average	50.85	-4.24	46.61	54.00	-7.39
2387.040	Peak	74.42	-4.18	70.24	74.00	-3.76
2387.040	Average	51.35	-4.18	47.17	54.00	-6.83
2390.000	Peak	71.92	-4.17	67.75	74.00	-6.25
2390.000	Average	51.59	-4.17	47.42	54.00	-6.58

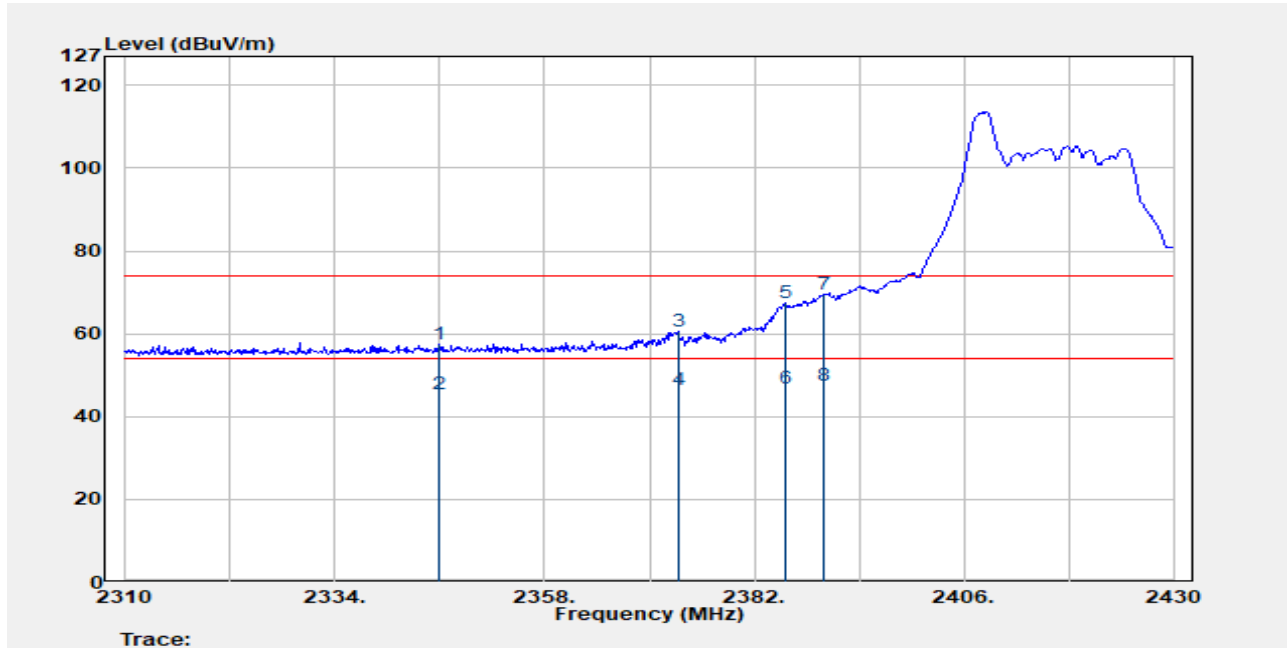
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU 26/0
 Test Frequency :2417 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2346.000	Peak	61.83	-4.38	57.45	74.00	-16.55
2346.000	Average	49.76	-4.38	45.38	54.00	-8.62
2373.240	Peak	64.67	-4.26	60.41	74.00	-13.59
2373.240	Average	50.67	-4.26	46.41	54.00	-7.59
2385.480	Peak	71.77	-4.19	67.58	74.00	-6.42
2385.480	Average	50.86	-4.19	46.67	54.00	-7.33
2390.000	Peak	73.85	-4.17	69.68	74.00	-4.32
2390.000	Average	51.57	-4.17	47.40	54.00	-6.60

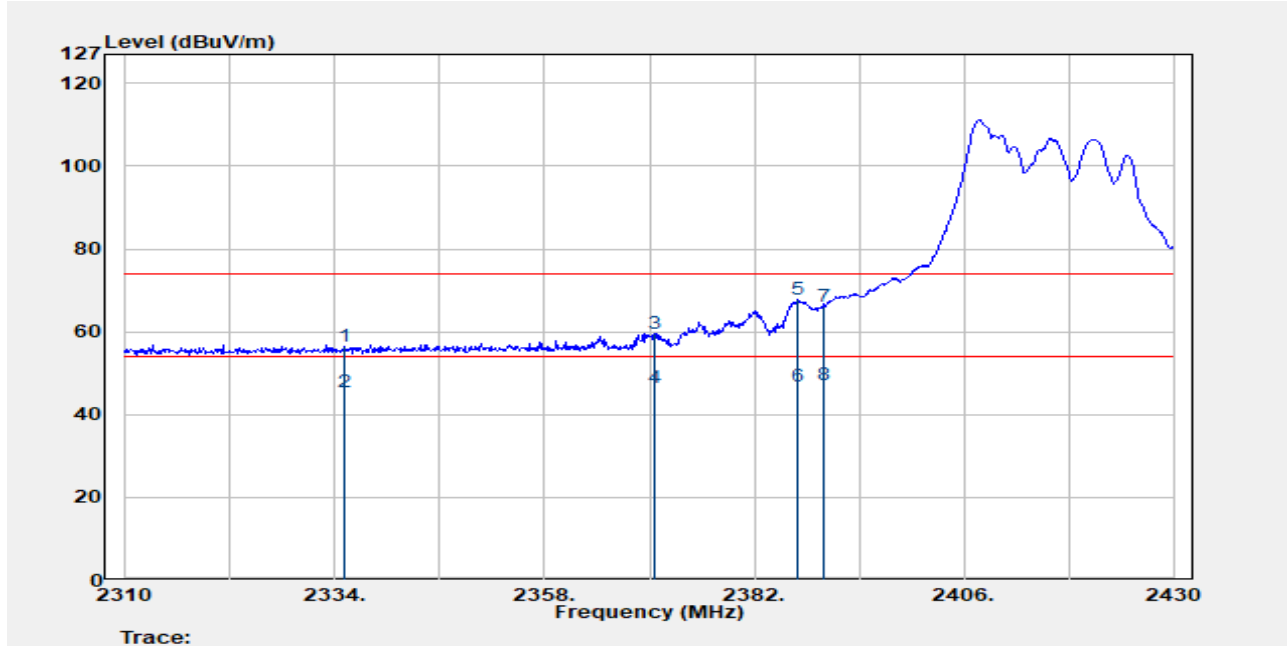
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU 52/37
 Test Frequency :2417 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2334.960	Peak	60.73	-4.37	56.36	74.00	-17.64
2334.960	Average	49.72	-4.37	45.35	54.00	-8.65
2370.480	Peak	63.95	-4.27	59.68	74.00	-14.32
2370.480	Average	50.62	-4.27	46.35	54.00	-7.65
2387.040	Peak	71.92	-4.18	67.74	74.00	-6.26
2387.040	Average	51.11	-4.18	46.93	54.00	-7.07
2390.000	Peak	70.20	-4.17	66.03	74.00	-7.97
2390.000	Average	51.21	-4.17	47.04	54.00	-6.96

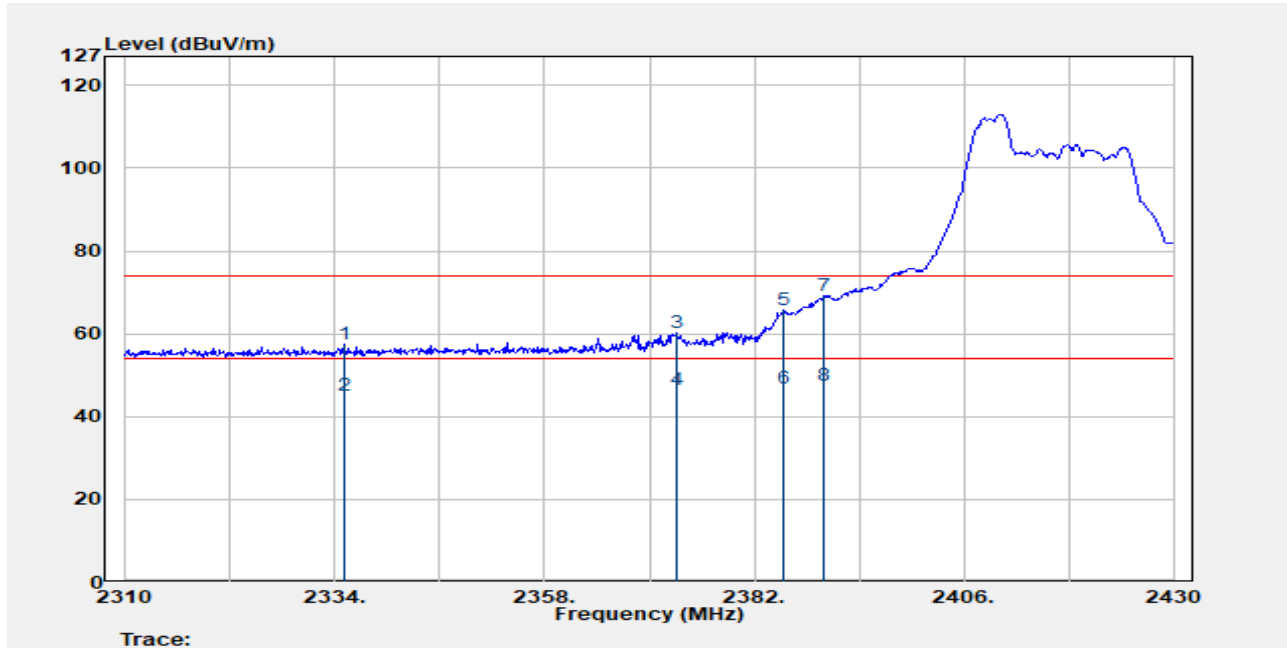
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU 52/37
 Test Frequency :2417 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2334.960	Peak	61.89	-4.37	57.52	74.00	-16.48
2334.960	Average	49.61	-4.37	45.24	54.00	-8.76
2373.120	Peak	64.44	-4.26	60.18	74.00	-13.82
2373.120	Average	50.59	-4.26	46.33	54.00	-7.67
2385.360	Peak	69.94	-4.19	65.75	74.00	-8.25
2385.360	Average	51.15	-4.19	46.96	54.00	-7.04
2390.000	Peak	73.51	-4.17	69.35	74.00	-4.65
2390.000	Average	51.63	-4.17	47.46	54.00	-6.54

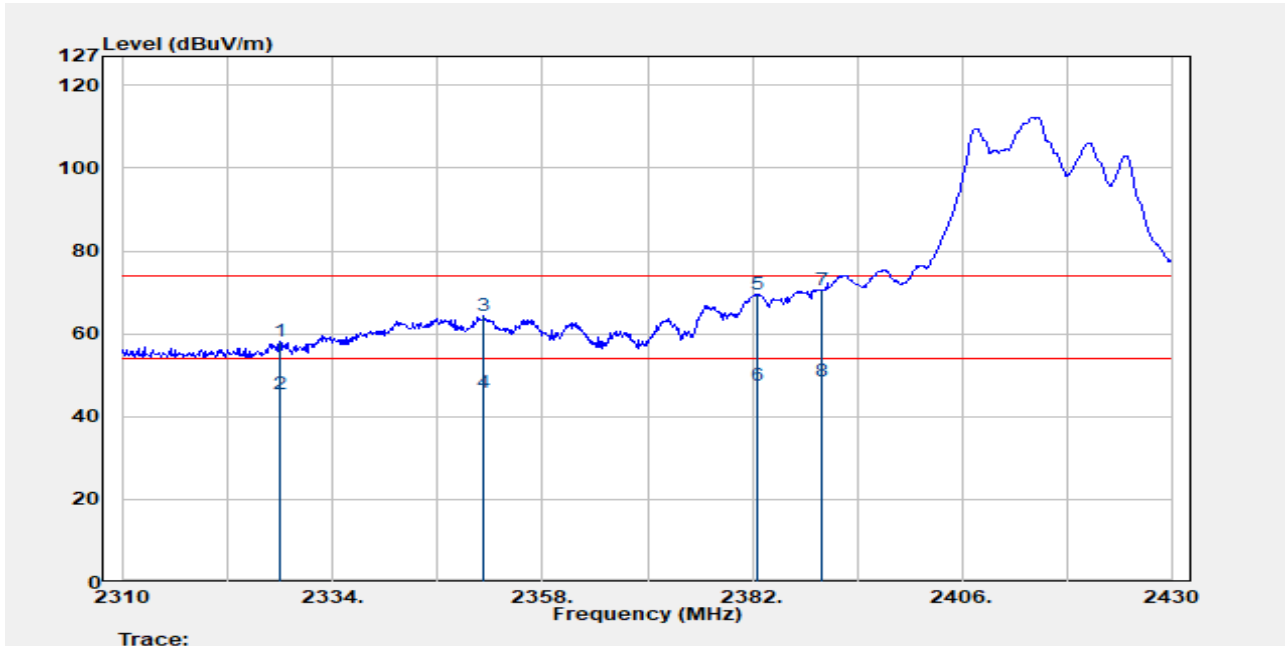
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU 106/53
 Test Frequency :2417 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



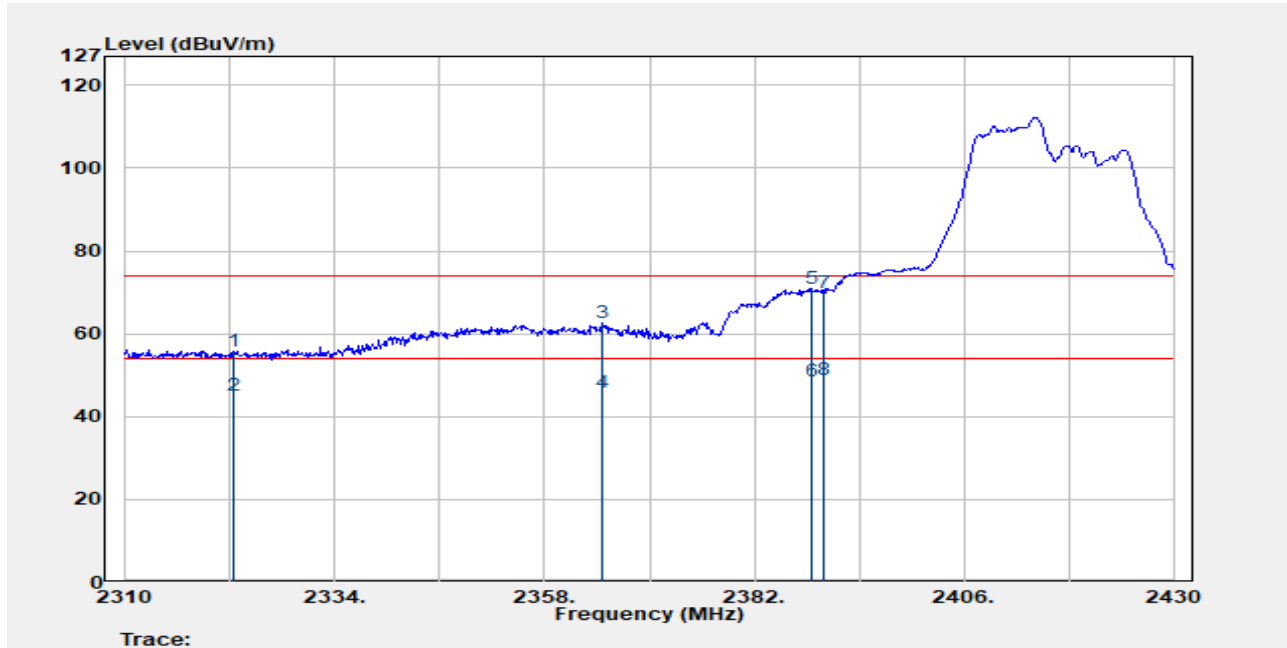
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2327.880	Peak	62.40	-4.36	58.04	74.00	-15.96
2327.880	Average	49.62	-4.36	45.26	54.00	-8.74
2351.280	Peak	68.75	-4.38	64.37	74.00	-9.63
2351.280	Average	50.18	-4.38	45.80	54.00	-8.20
2382.480	Peak	73.73	-4.21	69.52	74.00	-4.48
2382.480	Average	51.79	-4.21	47.58	54.00	-6.42
2390.000	Peak	74.81	-4.17	70.64	74.00	-3.36
2390.000	Average	52.68	-4.17	48.51	54.00	-5.49

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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU 106/53
 Test Frequency :2417 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2322.360	Peak	60.26	-4.35	55.91	74.00	-18.09
2322.360	Average	49.34	-4.35	44.99	54.00	-9.01
2364.480	Peak	67.11	-4.31	62.80	74.00	-11.20
2364.480	Average	50.01	-4.31	45.70	54.00	-8.30
2388.600	Peak	74.99	-4.17	70.81	74.00	-3.19
2388.600	Average	52.85	-4.17	48.68	54.00	-5.32
2390.000	Peak	74.05	-4.17	69.89	74.00	-4.11
2390.000	Average	53.02	-4.17	48.85	54.00	-5.15

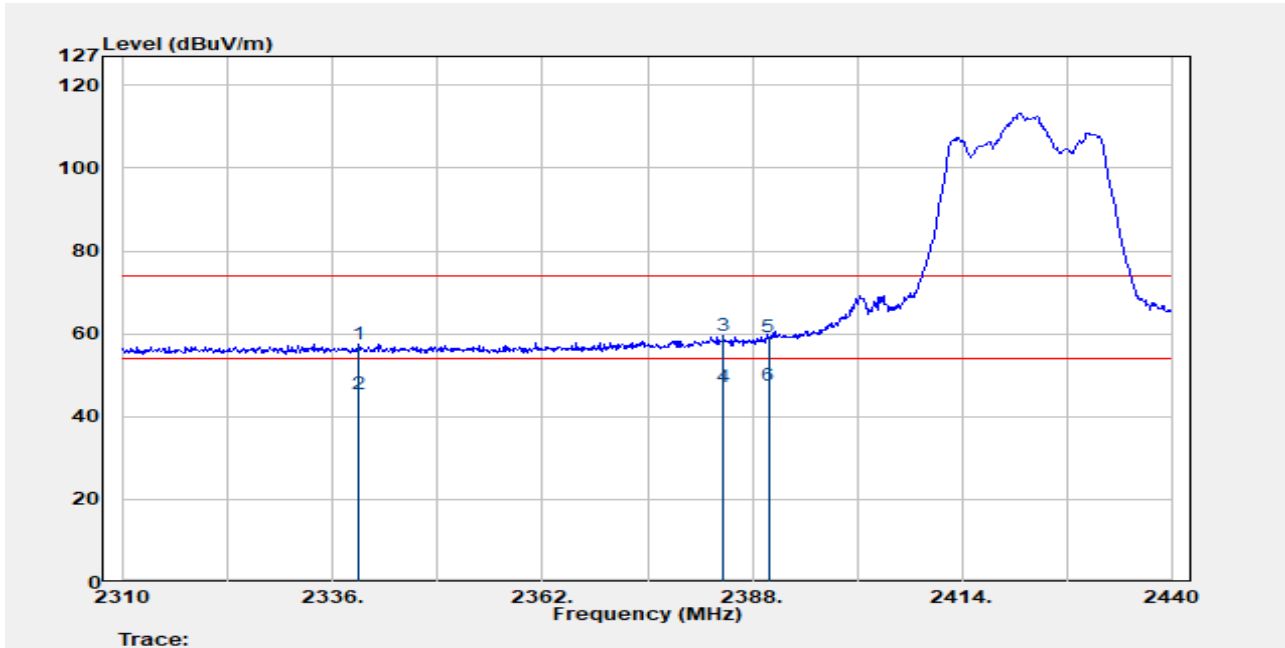
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU FULL
 Test Frequency :2422 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2339.120	Peak	61.89	-4.37	57.52	74.00	-16.48
2339.120	Average	49.69	-4.37	45.32	54.00	-8.68
2384.490	Peak	63.65	-4.20	59.45	74.00	-14.55
2384.490	Average	51.22	-4.20	47.02	54.00	-6.98
2390.000	Peak	63.52	-4.17	59.35	74.00	-14.65
2390.000	Average	51.76	-4.17	47.59	54.00	-6.41

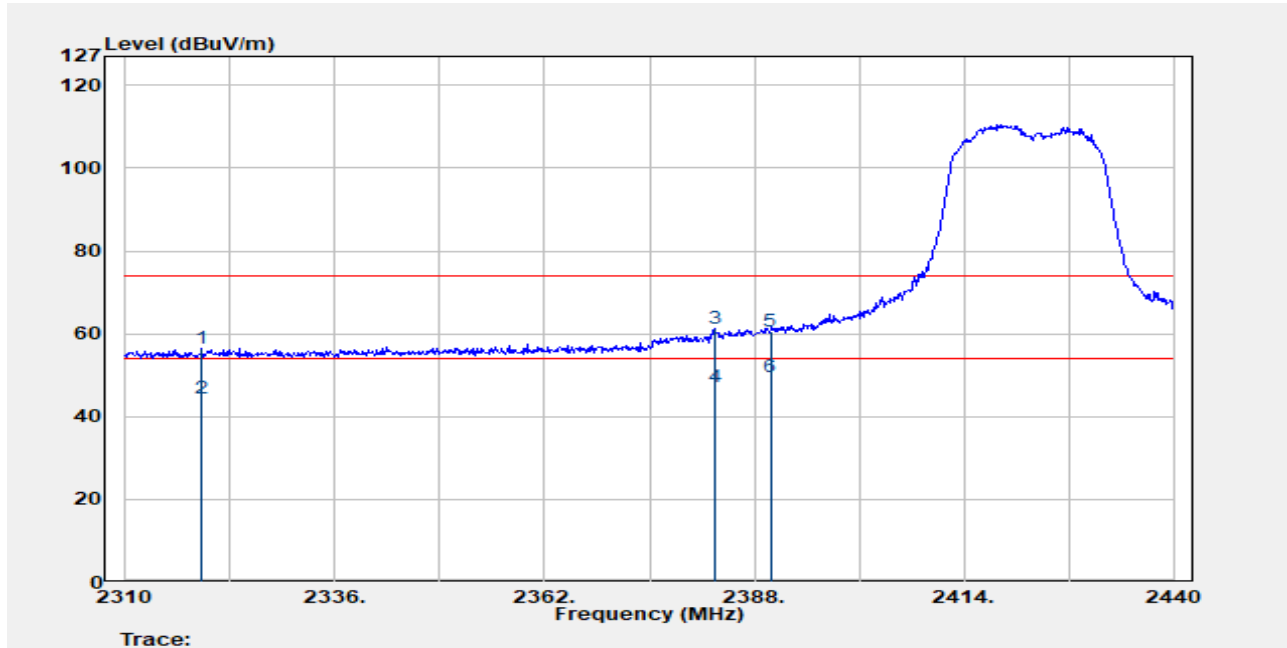
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU FULL
 Test Frequency :2422 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2319.490	Peak	60.79	-4.35	56.44	74.00	-17.56
2319.490	Average	48.89	-4.35	44.54	54.00	-9.46
2383.060	Peak	65.30	-4.20	61.10	74.00	-12.90
2383.060	Average	51.33	-4.20	47.13	54.00	-6.87
2390.000	Peak	64.87	-4.17	60.70	74.00	-13.30
2390.000	Average	53.72	-4.17	49.55	54.00	-4.45

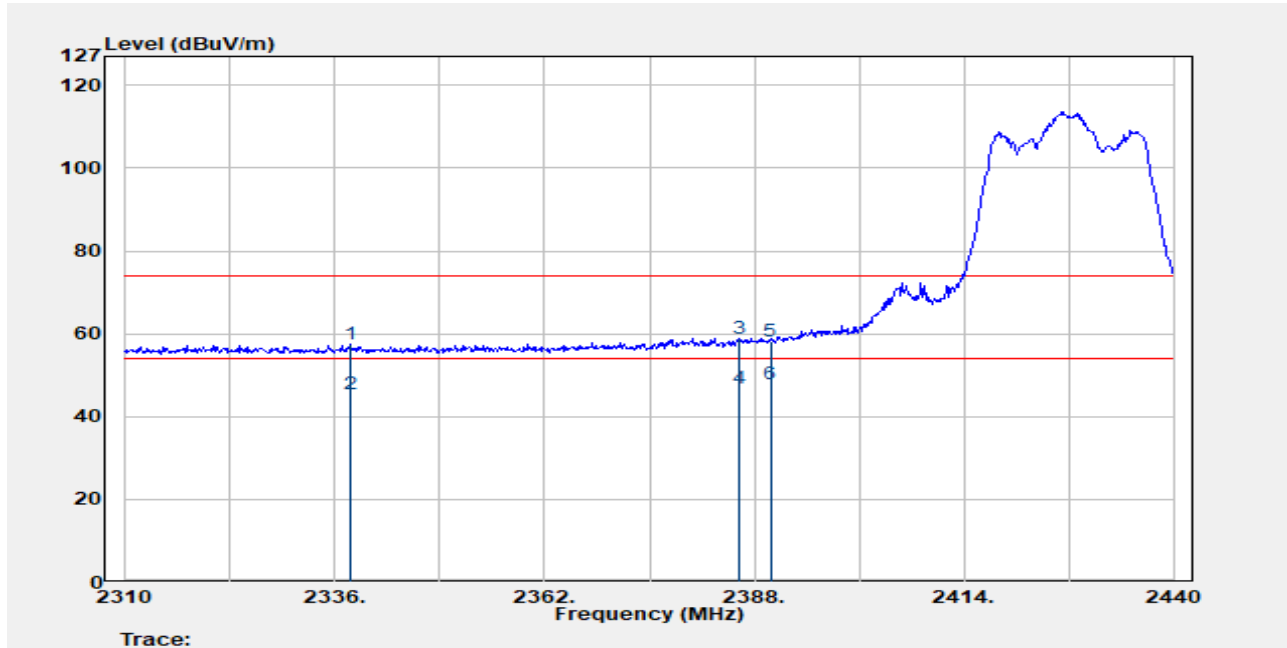
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU FULL
 Test Frequency :2427 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2337.950	Peak	61.85	-4.37	57.48	74.00	-16.52
2337.950	Average	49.93	-4.37	45.56	54.00	-8.44
2386.050	Peak	63.04	-4.19	58.85	74.00	-15.15
2386.050	Average	51.03	-4.19	46.84	54.00	-7.16
2390.000	Peak	62.28	-4.17	58.12	74.00	-15.88
2390.000	Average	51.89	-4.17	47.72	54.00	-6.28

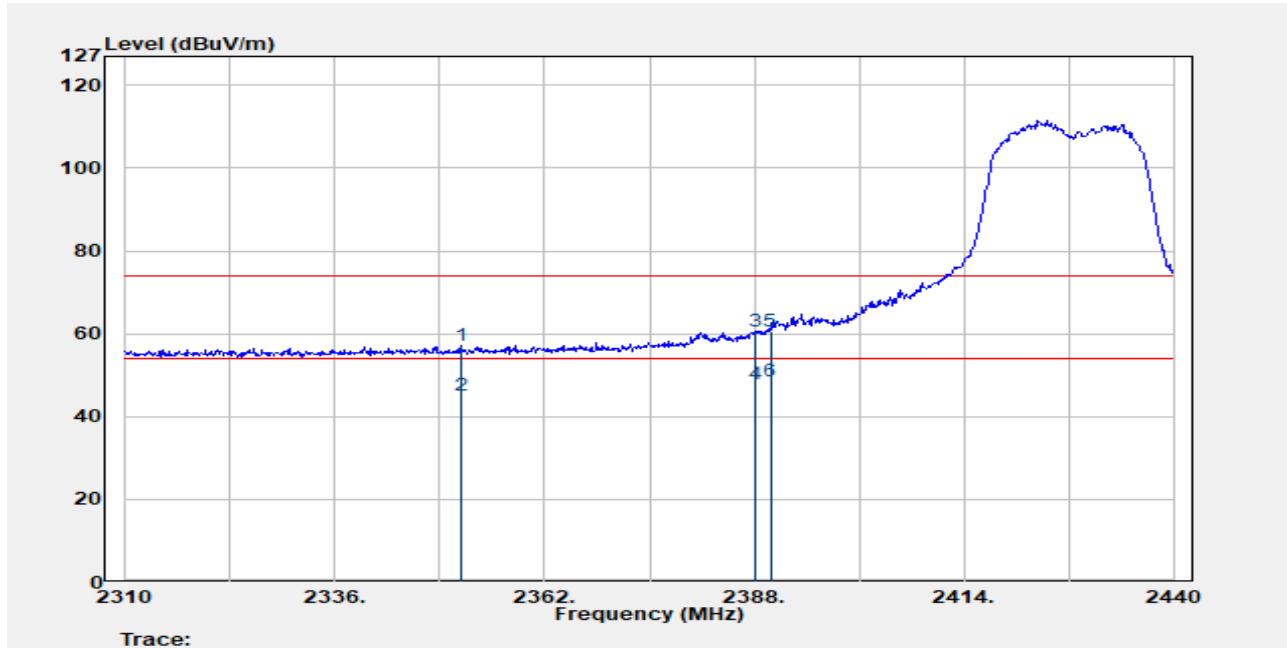
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU FULL
 Test Frequency :2427 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2351.730	Peak	61.59	-4.38	57.21	74.00	-16.79
2351.730	Average	49.46	-4.38	45.08	54.00	-8.92
2388.130	Peak	64.83	-4.18	60.65	74.00	-13.35
2388.130	Average	52.13	-4.18	47.95	54.00	-6.05
2390.000	Peak	64.84	-4.17	60.67	74.00	-13.33
2390.000	Average	52.69	-4.17	48.52	54.00	-5.48

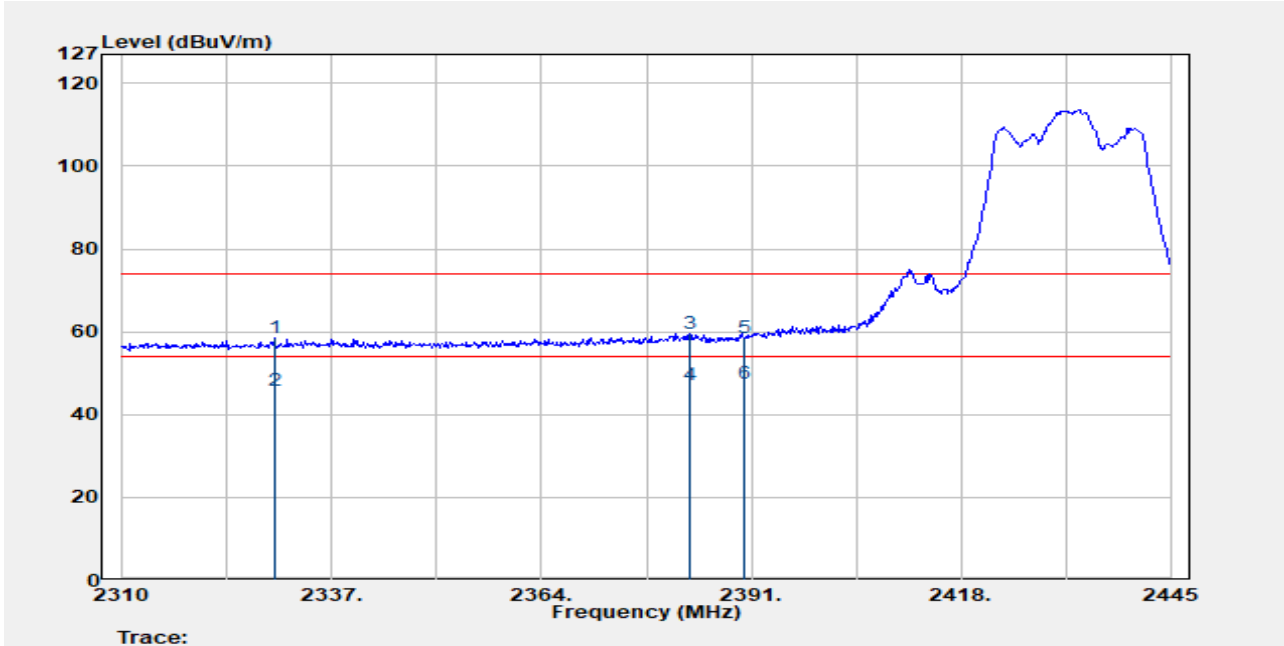
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU FULL
 Test Frequency :2432 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2329.575	Peak	62.72	-4.36	58.35	74.00	-15.65
2329.575	Average	50.18	-4.36	45.82	54.00	-8.18
2383.035	Peak	63.69	-4.20	59.48	74.00	-14.52
2383.035	Average	51.46	-4.20	47.26	54.00	-6.74
2390.000	Peak	62.59	-4.17	58.42	74.00	-15.58
2390.000	Average	51.52	-4.17	47.35	54.00	-6.65

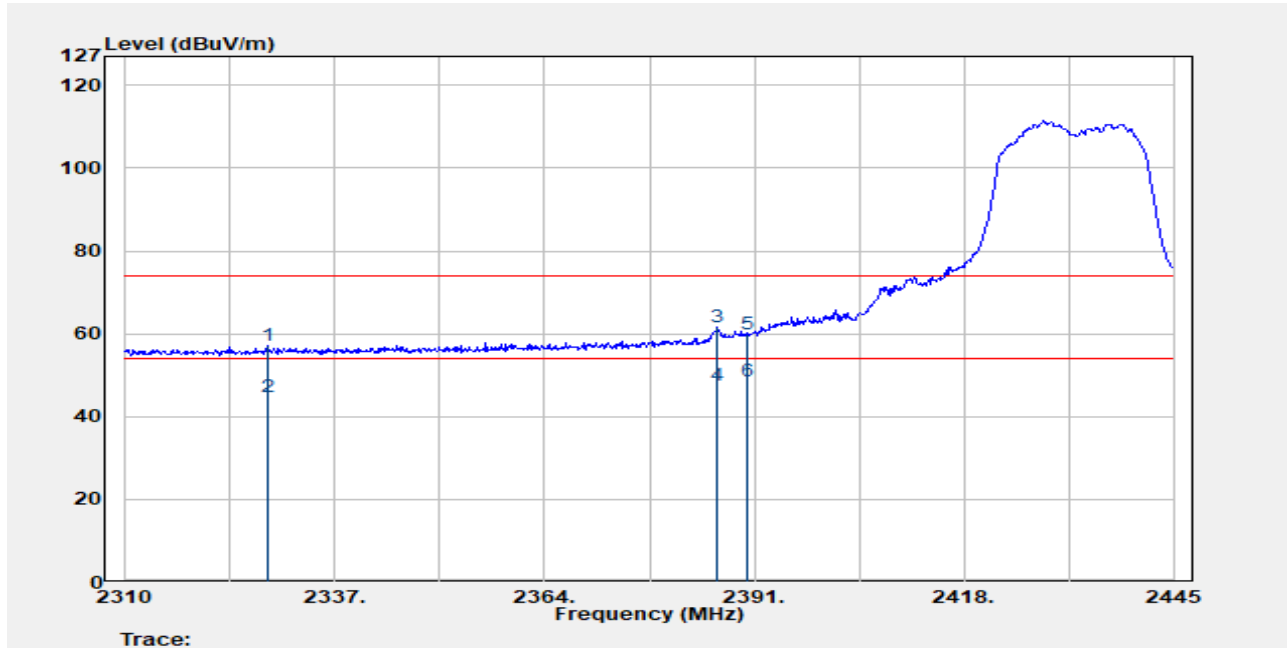
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU FULL
 Test Frequency :2432 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2328.360	Peak	61.39	-4.36	57.03	74.00	-16.97
2328.360	Average	49.12	-4.36	44.76	54.00	-9.24
2386.275	Peak	65.83	-4.19	61.64	74.00	-12.36
2386.275	Average	51.56	-4.19	47.37	54.00	-6.63
2390.000	Peak	63.90	-4.17	59.74	74.00	-14.26
2390.000	Average	52.58	-4.17	48.41	54.00	-5.59

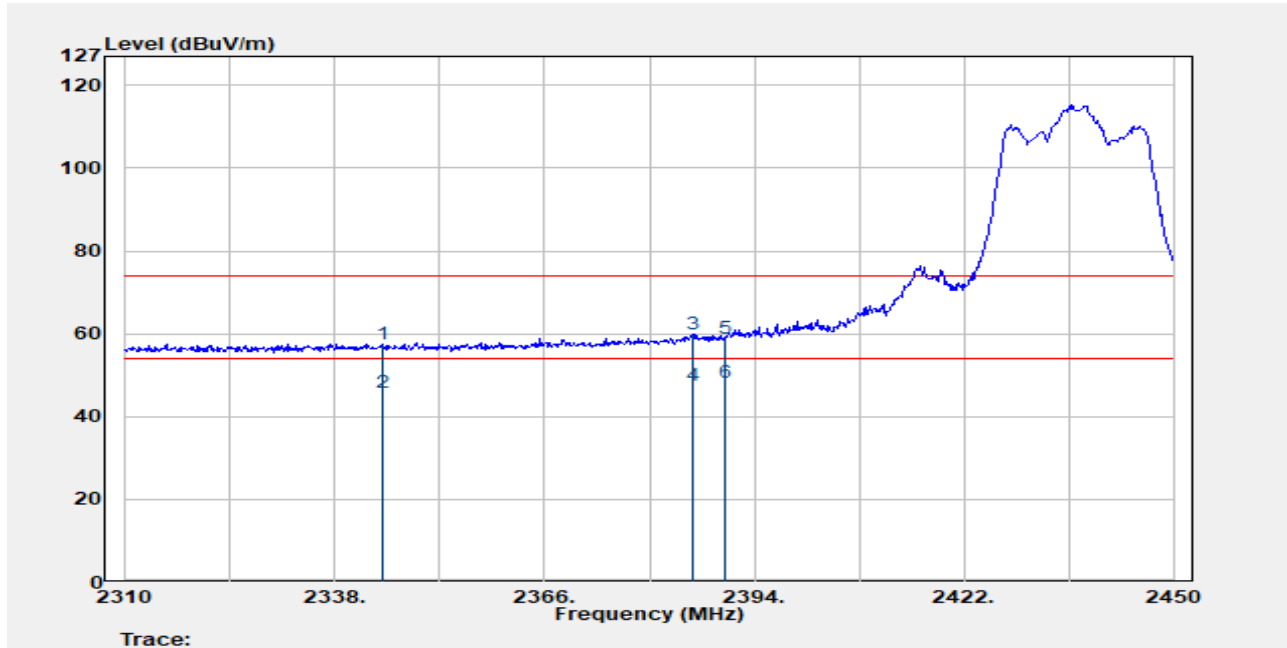
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU FULL
 Test Frequency :2437 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2344.300	Peak	61.88	-4.38	57.50	74.00	-16.50
2344.300	Average	50.28	-4.38	45.90	54.00	-8.10
2385.880	Peak	64.06	-4.19	59.87	74.00	-14.13
2385.880	Average	51.82	-4.19	47.63	54.00	-6.37
2390.000	Peak	63.05	-4.17	58.88	74.00	-15.12
2390.000	Average	52.19	-4.17	48.02	54.00	-5.98

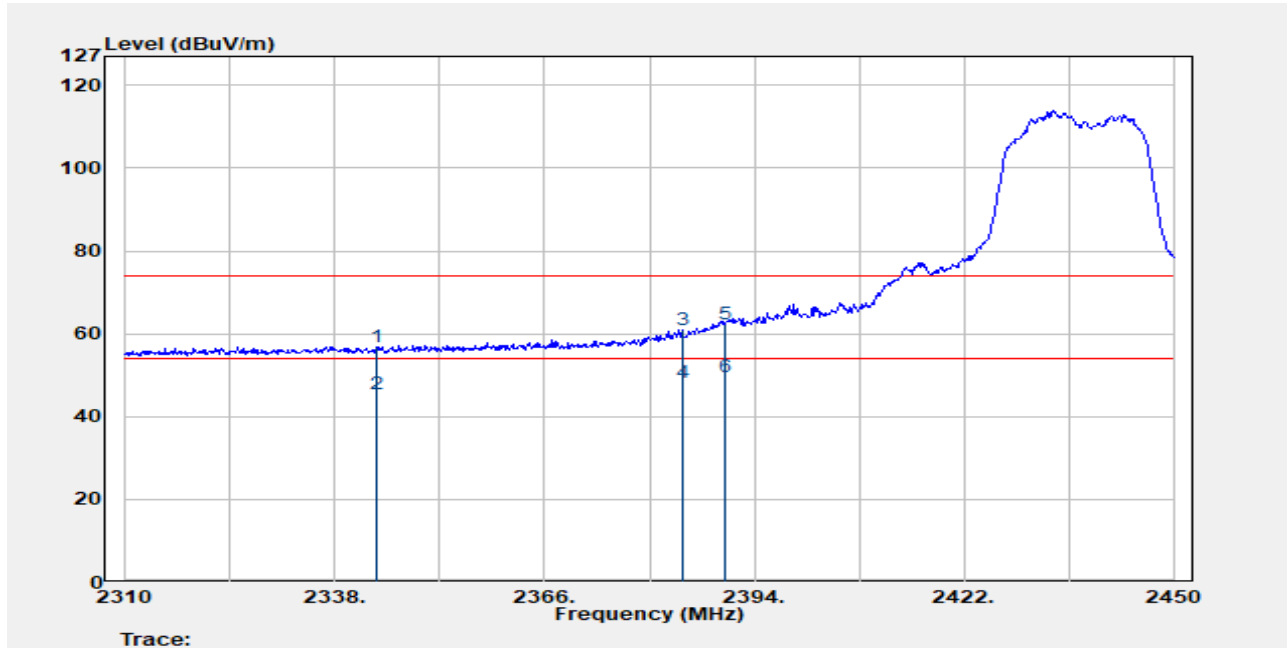
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU FULL
 Test Frequency :2437 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2343.460	Peak	61.26	-4.38	56.88	74.00	-17.12
2343.460	Average	49.77	-4.38	45.39	54.00	-8.61
2384.340	Peak	65.23	-4.20	61.04	74.00	-12.96
2384.340	Average	52.36	-4.20	48.16	54.00	-5.84
2390.000	Peak	66.38	-4.17	62.21	74.00	-11.79
2390.000	Average	53.78	-4.17	49.61	54.00	-4.39

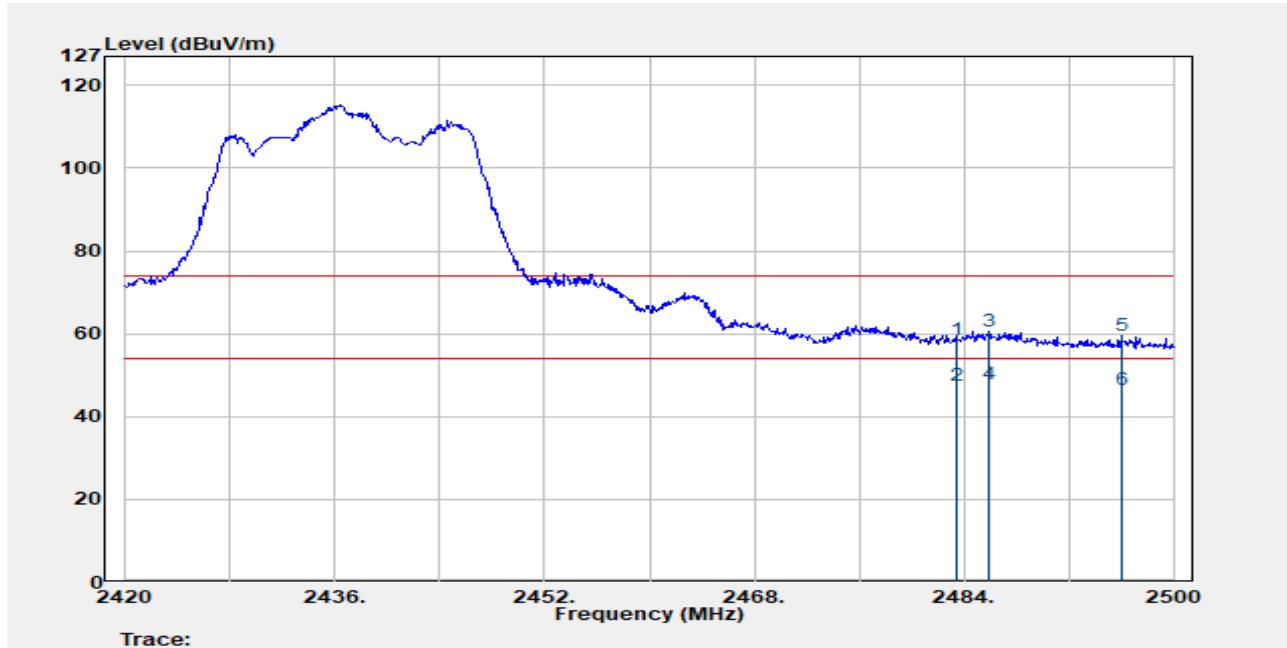
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU FULL
 Test Frequency :2437 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	62.72	-4.26	58.46	74.00	-15.54
2483.500	Average	51.62	-4.26	47.36	54.00	-6.64
2485.920	Peak	64.79	-4.24	60.55	74.00	-13.45
2485.920	Average	52.03	-4.24	47.79	54.00	-6.21
2496.000	Peak	63.70	-4.16	59.54	74.00	-14.46
2496.000	Average	50.63	-4.16	46.47	54.00	-7.53

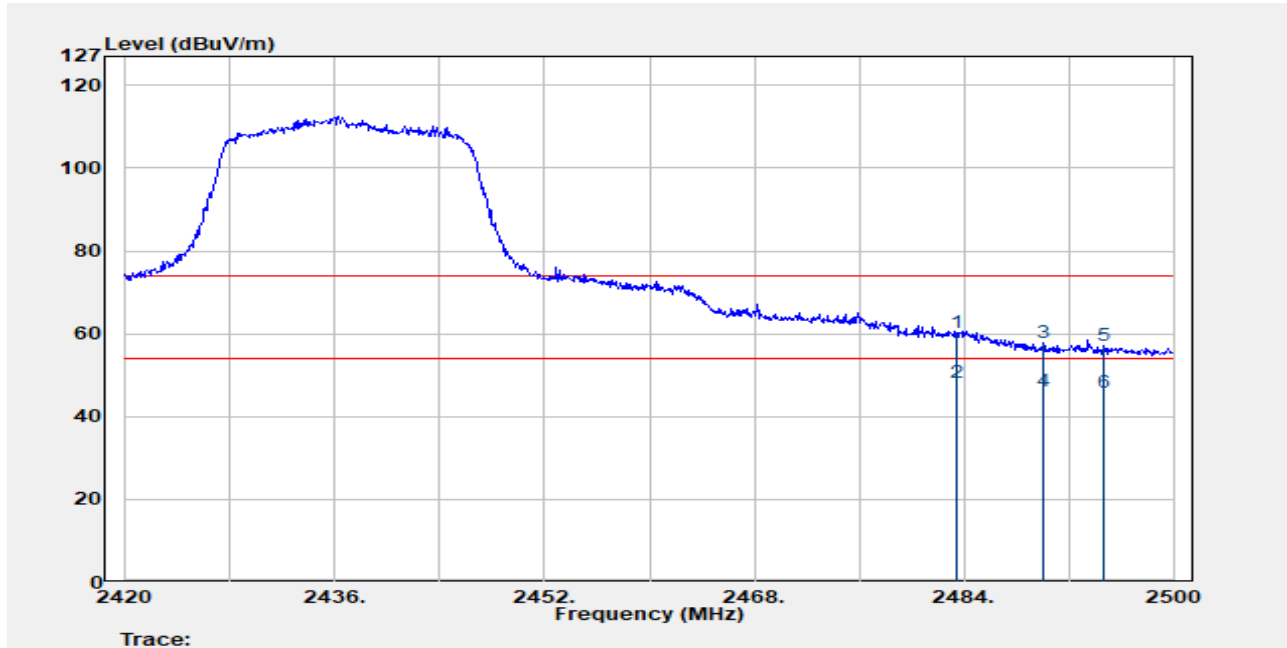
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU FULL
 Test Frequency :2437 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	64.42	-4.26	60.16	74.00	-13.84
2483.500	Average	52.35	-4.26	48.09	54.00	-5.91
2490.000	Peak	61.93	-4.21	57.72	74.00	-16.28
2490.000	Average	50.17	-4.21	45.96	54.00	-8.04
2494.720	Peak	61.31	-4.17	57.14	74.00	-16.86
2494.720	Average	49.99	-4.17	45.82	54.00	-8.18

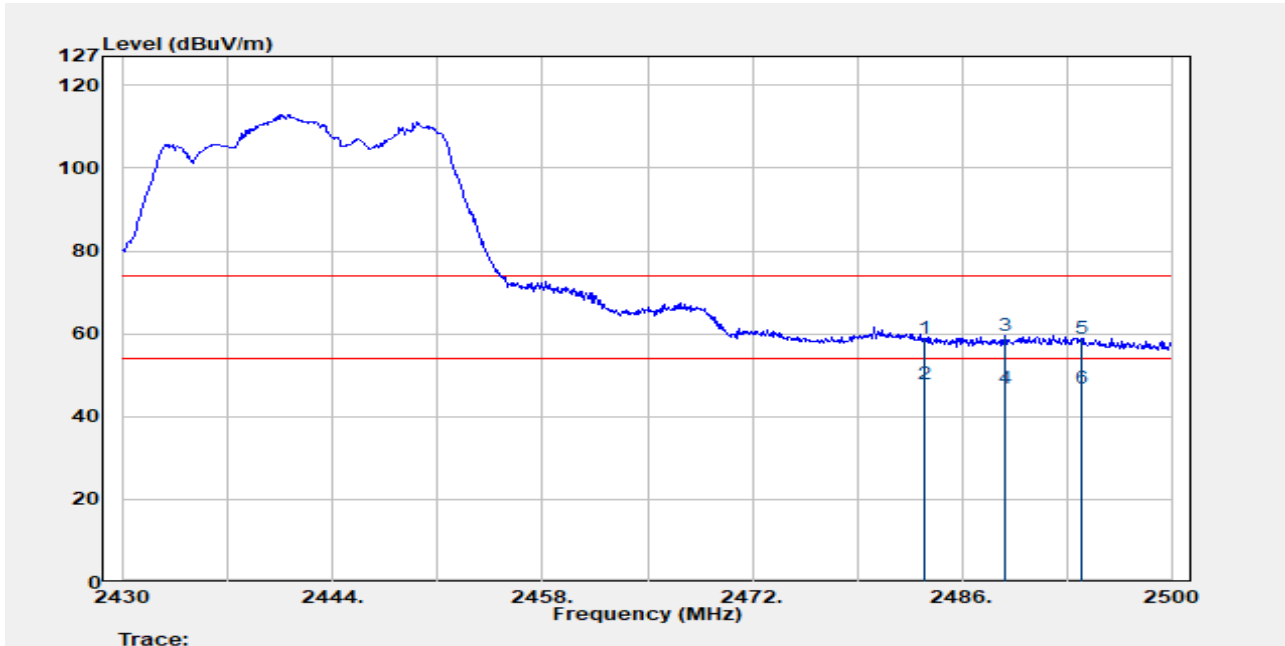
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU FULL
 Test Frequency :2442 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	63.07	-4.26	58.82	74.00	-15.18
2483.500	Average	51.93	-4.26	47.67	54.00	-6.33
2488.940	Peak	63.67	-4.22	59.45	74.00	-14.55
2488.940	Average	51.19	-4.22	46.97	54.00	-7.03
2494.050	Peak	63.14	-4.18	58.97	74.00	-15.03
2494.050	Average	50.93	-4.18	46.75	54.00	-7.25

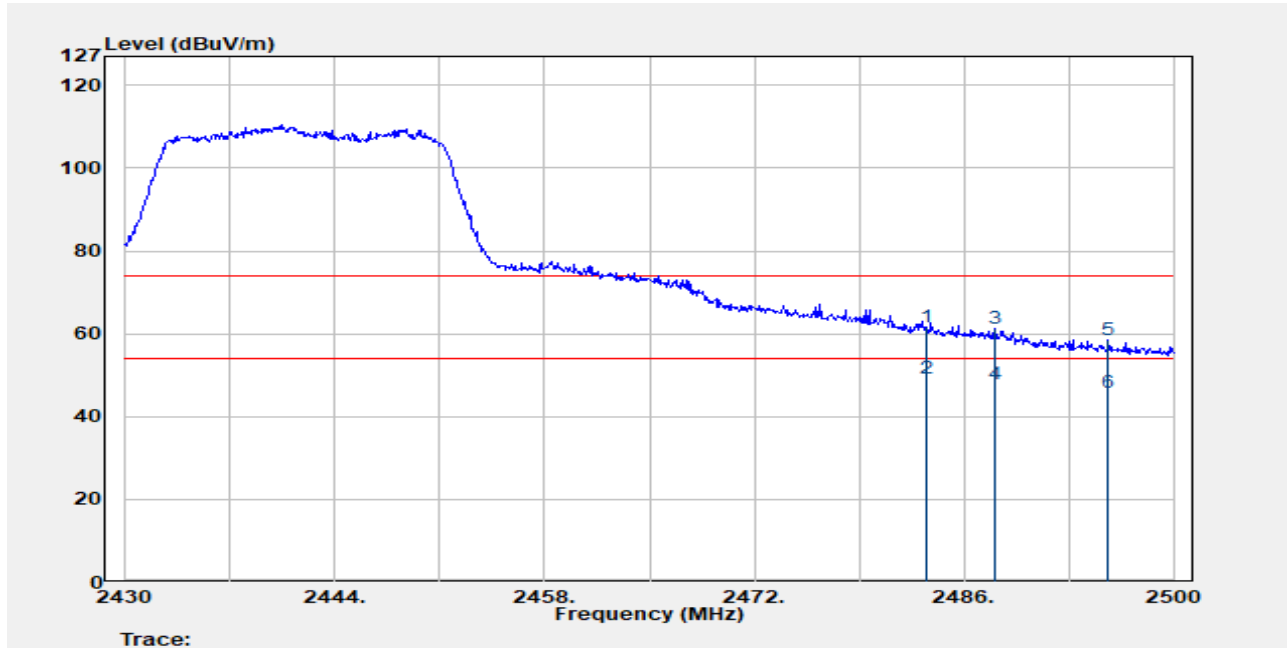
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU FULL
 Test Frequency :2442 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	65.83	-4.26	61.58	74.00	-12.42
2483.500	Average	53.48	-4.26	49.22	54.00	-4.78
2488.100	Peak	65.36	-4.22	61.13	74.00	-12.87
2488.100	Average	51.99	-4.22	47.77	54.00	-6.23
2495.660	Peak	62.73	-4.16	58.57	74.00	-15.43
2495.660	Average	49.93	-4.16	45.77	54.00	-8.23

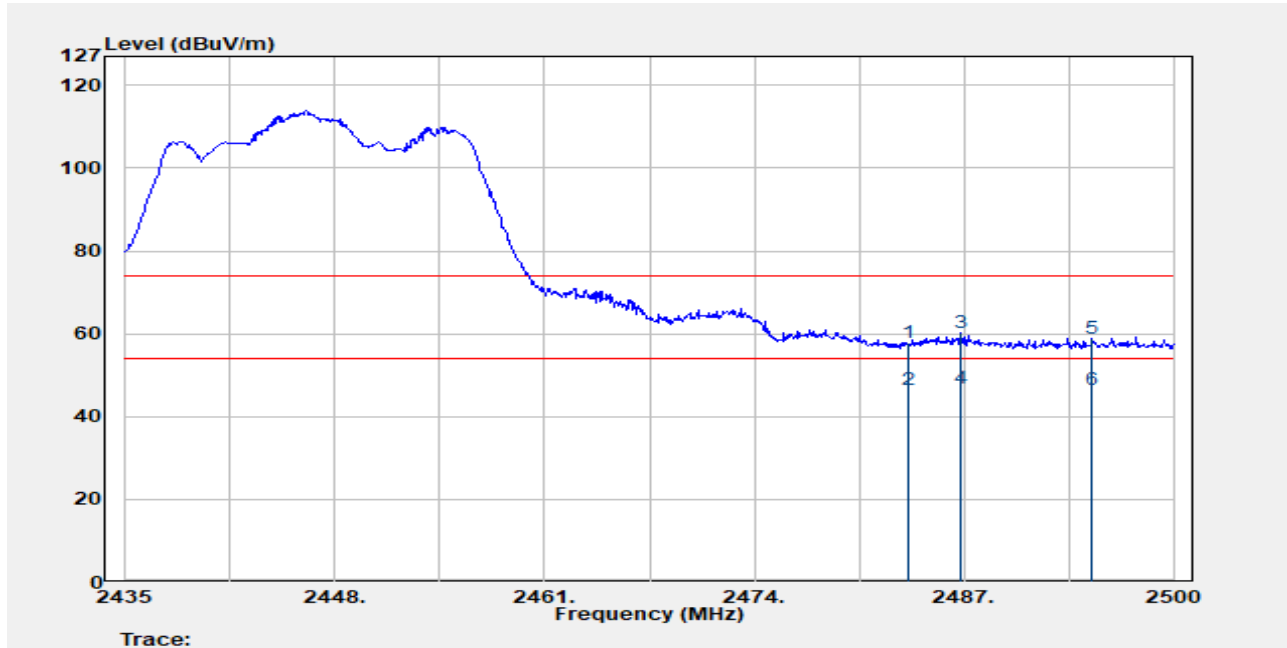
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU FULL
 Test Frequency :2447 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	62.15	-4.26	57.90	74.00	-16.10
2483.500	Average	50.82	-4.26	46.56	54.00	-7.44
2486.805	Peak	64.36	-4.23	60.12	74.00	-13.88
2486.805	Average	51.16	-4.23	46.93	54.00	-7.07
2494.930	Peak	62.92	-4.17	58.75	74.00	-15.25
2494.930	Average	50.49	-4.17	46.32	54.00	-7.68

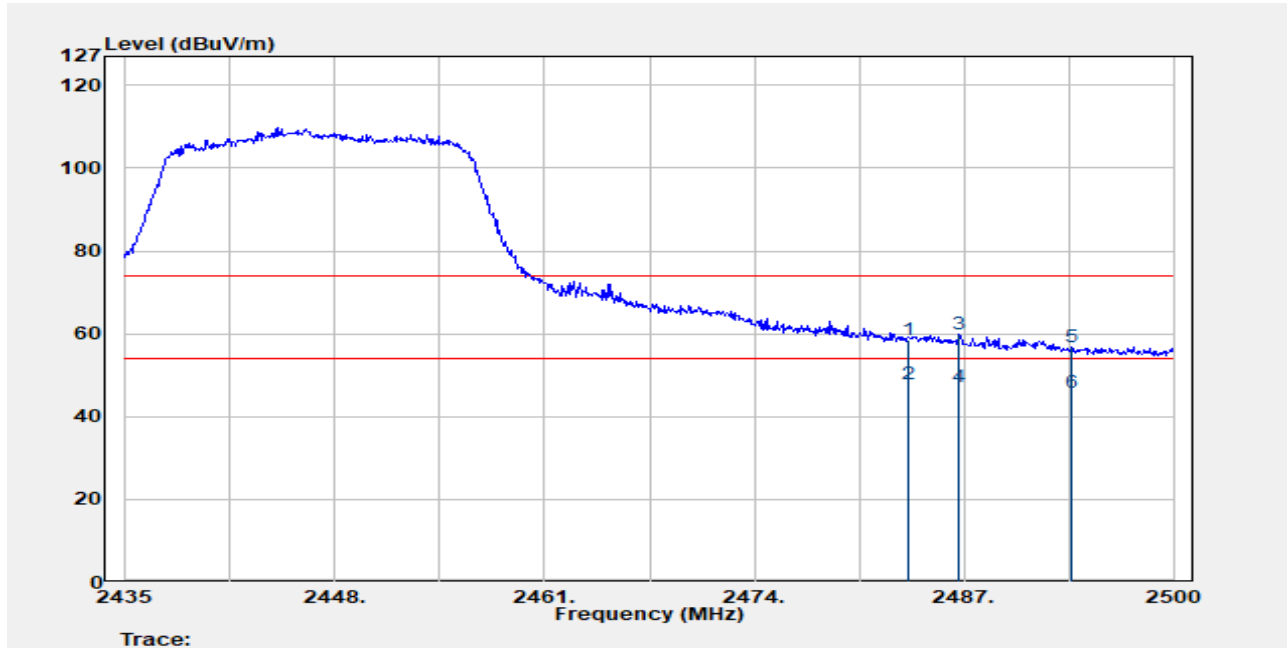
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU FULL
 Test Frequency :2447 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	62.84	-4.26	58.58	74.00	-15.42
2483.500	Average	52.16	-4.26	47.90	54.00	-6.10
2486.740	Peak	64.29	-4.23	60.05	74.00	-13.95
2486.740	Average	51.42	-4.23	47.19	54.00	-6.81
2493.695	Peak	60.93	-4.18	56.75	74.00	-17.25
2493.695	Average	49.93	-4.18	45.75	54.00	-8.25

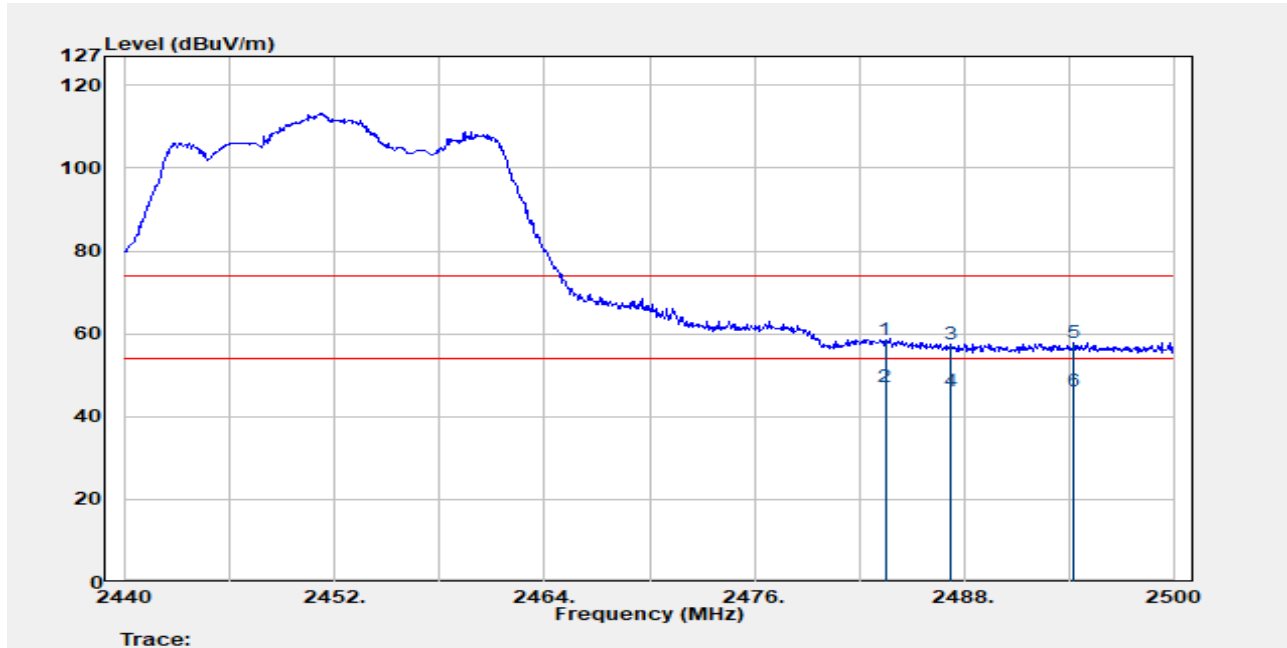
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU FULL
 Test Frequency :2452 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	62.66	-4.26	58.41	74.00	-15.59
2483.500	Average	51.53	-4.26	47.27	54.00	-6.73
2487.280	Peak	61.86	-4.23	57.63	74.00	-16.37
2487.280	Average	50.45	-4.23	46.22	54.00	-7.78
2494.300	Peak	61.96	-4.17	57.78	74.00	-16.22
2494.300	Average	50.25	-4.17	46.08	54.00	-7.92

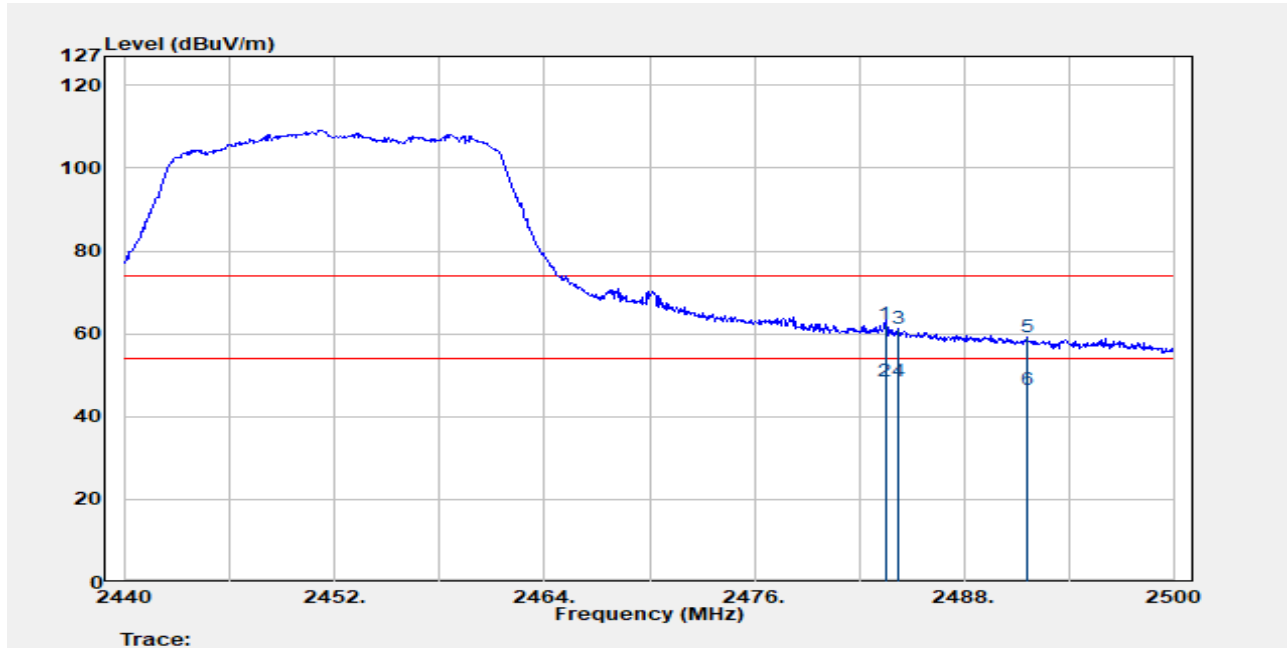
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU FULL
 Test Frequency :2452 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	66.65	-4.26	62.40	74.00	-11.60
2483.500	Average	52.83	-4.26	48.57	54.00	-5.43
2484.220	Peak	65.61	-4.25	61.36	74.00	-12.64
2484.220	Average	52.72	-4.25	48.47	54.00	-5.53
2491.600	Peak	63.39	-4.19	59.19	74.00	-14.81
2491.600	Average	50.64	-4.19	46.45	54.00	-7.55

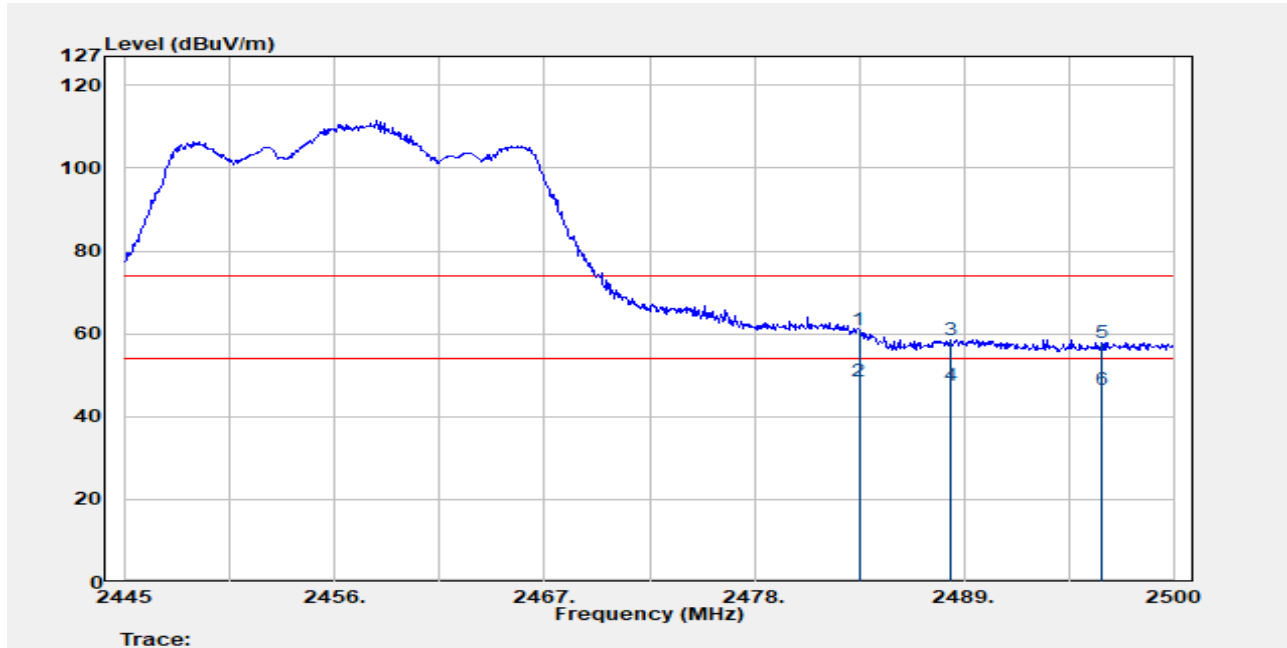
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU FULL
 Test Frequency :2457 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2483.500	Peak	65.32	-4.26	61.07	74.00	-12.93
2483.500	Average	52.76	-4.26	48.50	54.00	-5.50
2488.285	Peak	62.76	-4.22	58.54	74.00	-15.46
2488.285	Average	51.59	-4.22	47.37	54.00	-6.63
2496.205	Peak	62.07	-4.16	57.91	74.00	-16.09
2496.205	Average	50.62	-4.16	46.46	54.00	-7.54

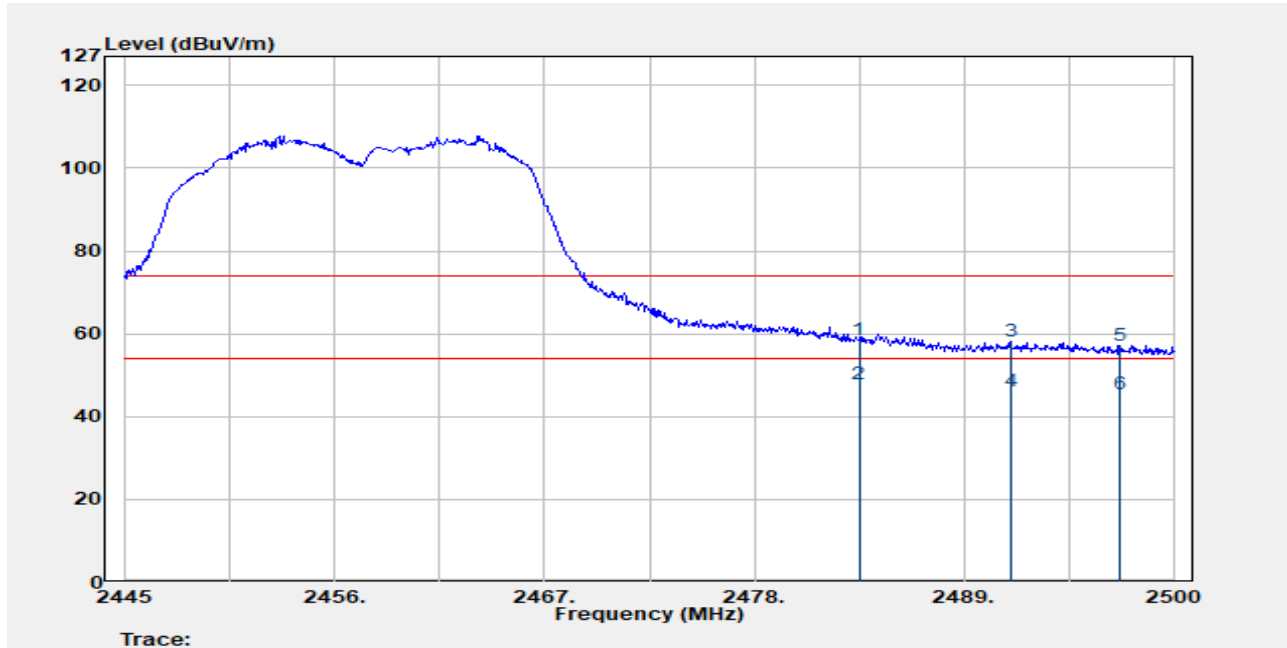
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU FULL
 Test Frequency :2457 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	62.61	-4.26	58.35	74.00	-15.65
2483.500	Average	51.96	-4.26	47.70	54.00	-6.30
2491.475	Peak	62.21	-4.20	58.01	74.00	-15.99
2491.475	Average	50.33	-4.20	46.13	54.00	-7.87
2497.140	Peak	61.25	-4.15	57.10	74.00	-16.90
2497.140	Average	49.68	-4.15	45.53	54.00	-8.47

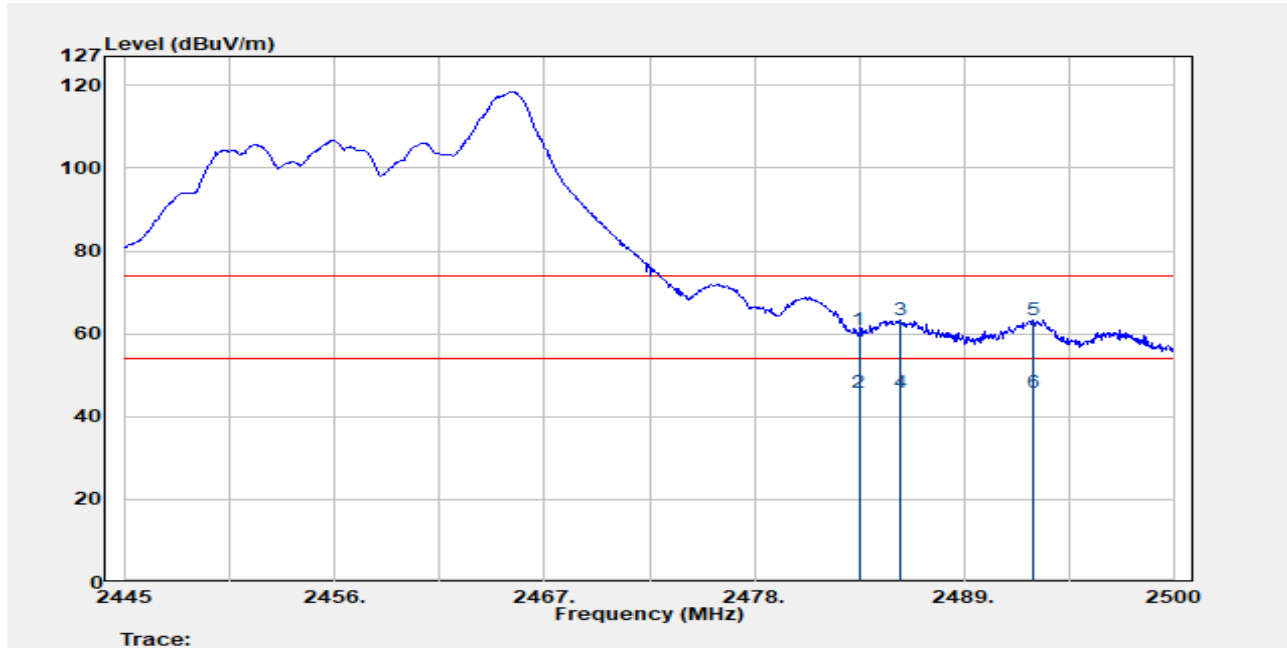
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU 26/8
 Test Frequency :2457 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	65.23	-4.26	60.97	74.00	-13.03
2483.500	Average	50.10	-4.26	45.84	54.00	-8.16
2485.645	Peak	67.45	-4.24	63.21	74.00	-10.79
2485.645	Average	50.01	-4.24	45.77	54.00	-8.23
2492.630	Peak	67.49	-4.19	63.30	74.00	-10.70
2492.630	Average	50.02	-4.19	45.83	54.00	-8.17

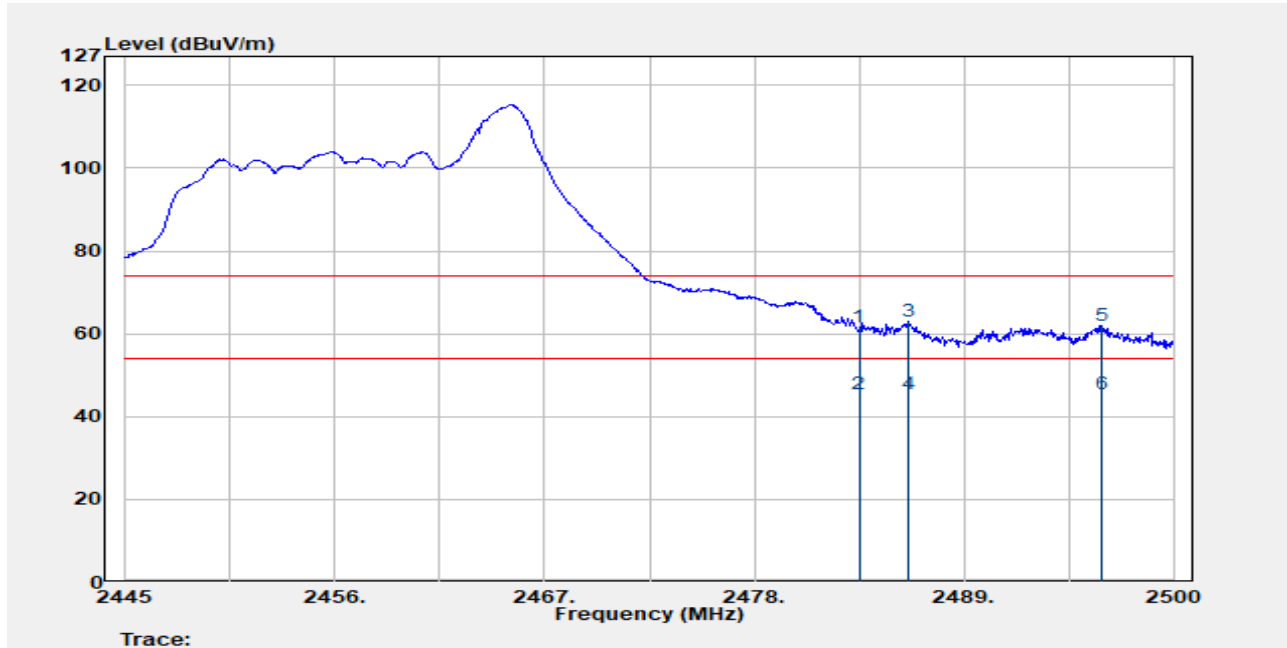
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU 26/8
 Test Frequency :2457 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2483.500	Peak	65.81	-4.26	61.55	74.00	-12.45
2483.500	Average	49.69	-4.26	45.43	54.00	-8.57
2486.085	Peak	67.08	-4.24	62.85	74.00	-11.15
2486.085	Average	49.64	-4.24	45.40	54.00	-8.60
2496.260	Peak	66.09	-4.16	61.93	74.00	-12.07
2496.260	Average	49.59	-4.16	45.43	54.00	-8.57

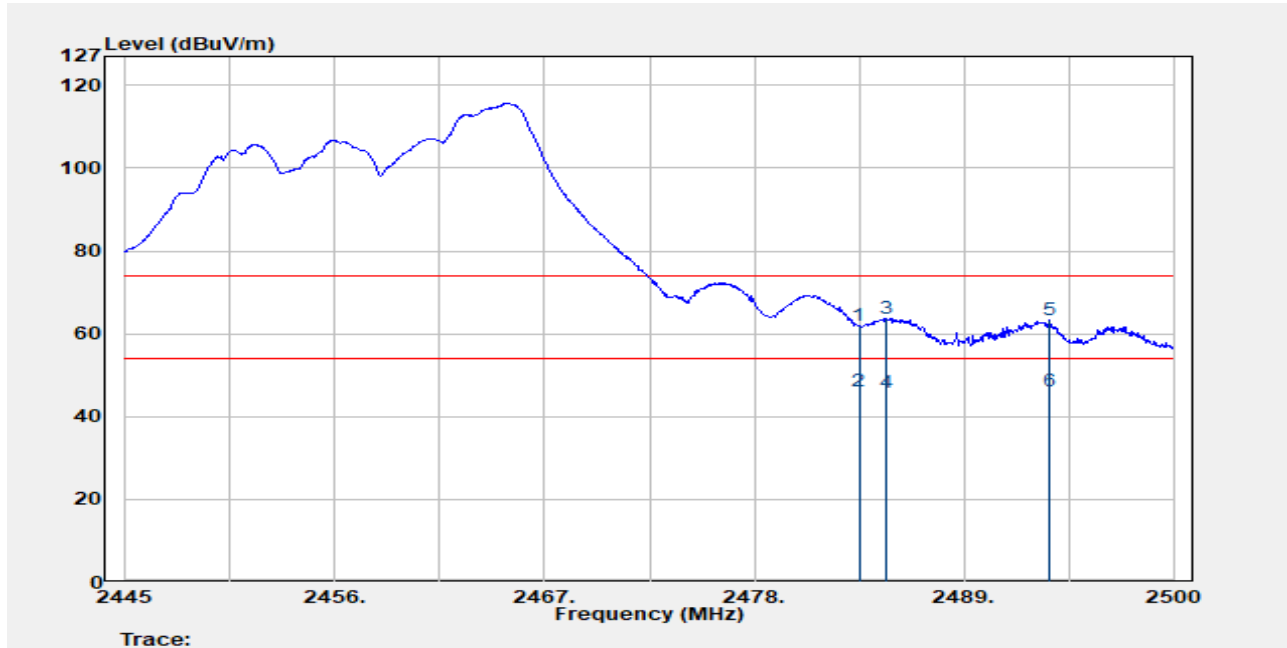
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU 52/40
 Test Frequency :2457 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2483.500	Peak	66.27	-4.26	62.02	74.00	-11.98
2483.500	Average	50.26	-4.26	46.00	54.00	-8.00
2484.930	Peak	67.98	-4.25	63.74	74.00	-10.26
2484.930	Average	50.18	-4.25	45.93	54.00	-8.07
2493.455	Peak	67.39	-4.18	63.21	74.00	-10.79
2493.455	Average	50.29	-4.18	46.11	54.00	-7.89

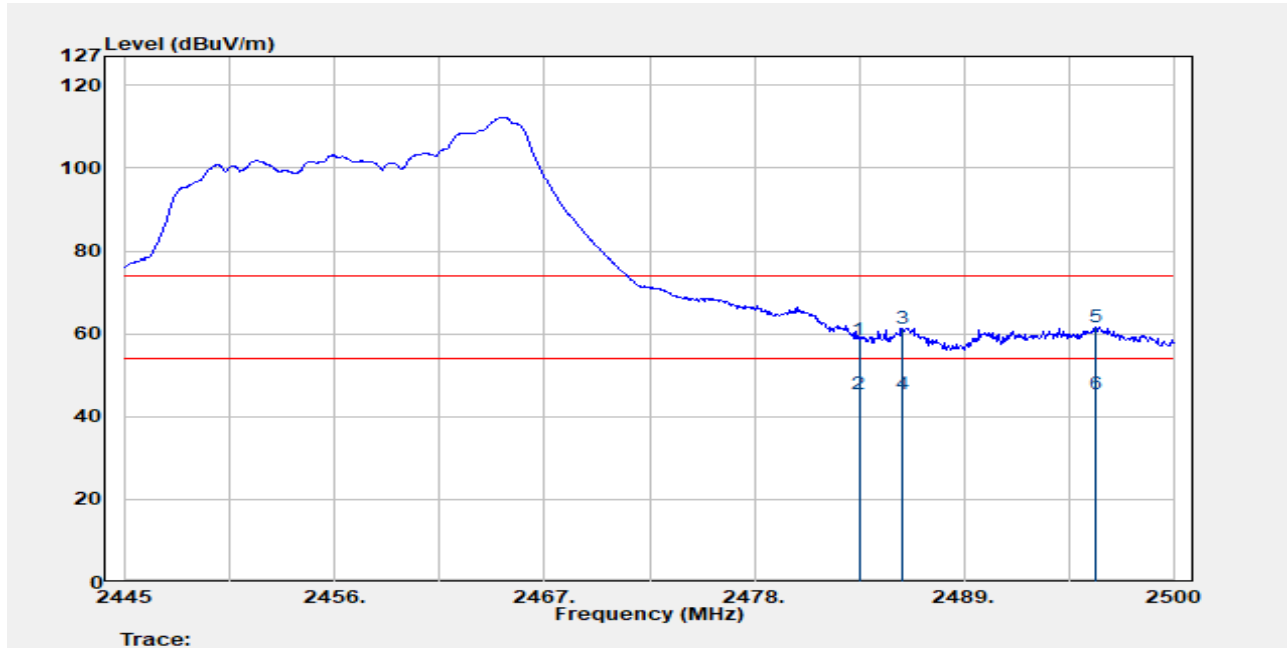
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU 52/40
 Test Frequency :2457 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	62.88	-4.26	58.62	74.00	-15.38
2483.500	Average	49.56	-4.26	45.30	54.00	-8.70
2485.810	Peak	65.65	-4.24	61.41	74.00	-12.59
2485.810	Average	49.58	-4.24	45.34	54.00	-8.66
2495.875	Peak	65.77	-4.16	61.60	74.00	-12.40
2495.875	Average	49.64	-4.16	45.48	54.00	-8.52

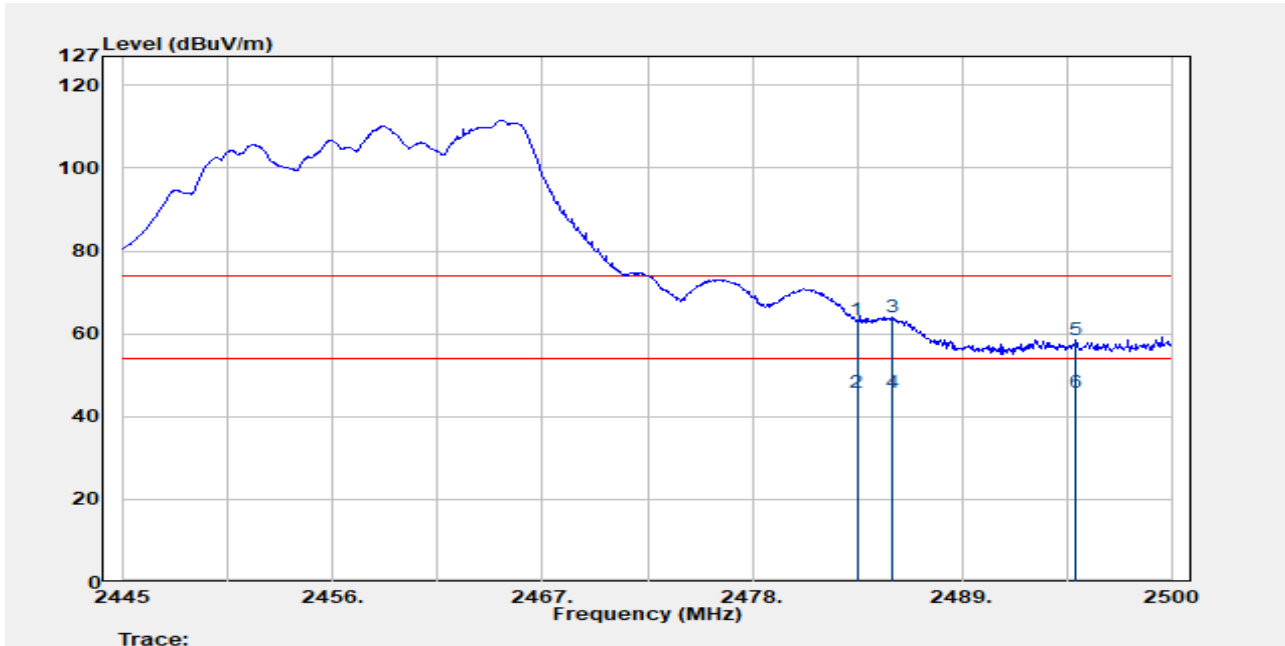
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU 106/54
 Test Frequency :2457 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2483.500	Peak	67.54	-4.26	63.29	74.00	-10.71
2483.500	Average	50.18	-4.26	45.92	54.00	-8.08
2485.315	Peak	68.31	-4.24	64.06	74.00	-9.94
2485.315	Average	50.12	-4.24	45.88	54.00	-8.12
2494.995	Peak	62.59	-4.17	58.42	74.00	-15.58
2494.995	Average	49.81	-4.17	45.64	54.00	-8.36

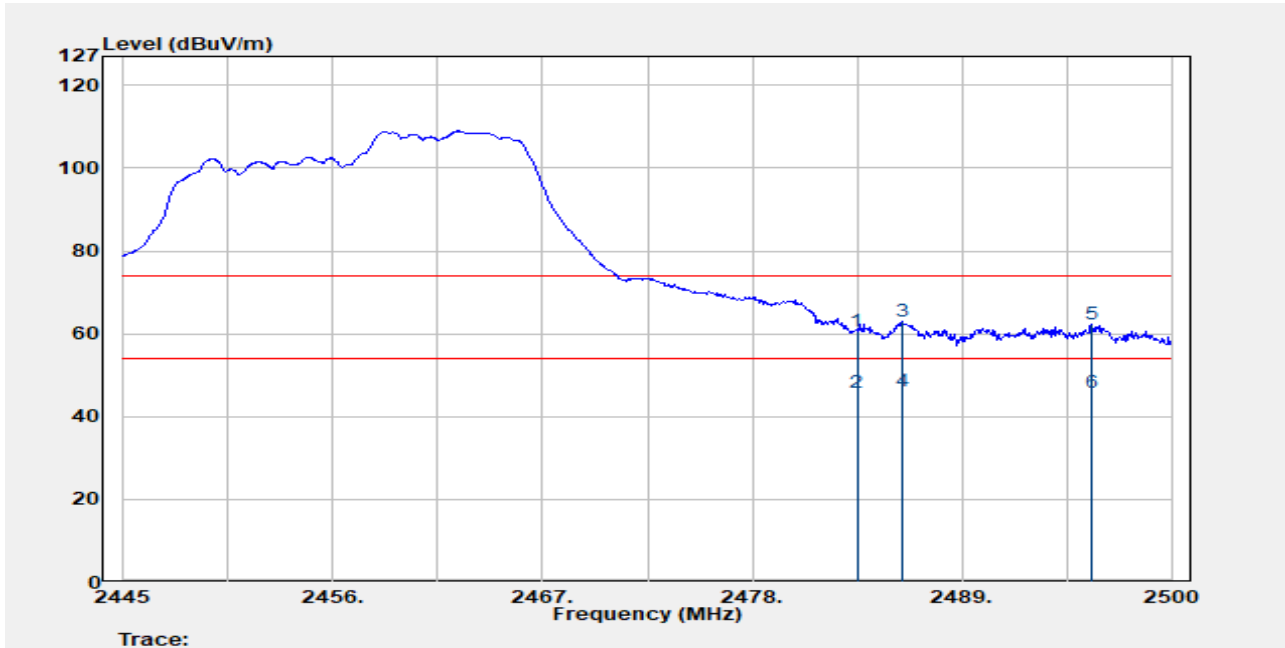
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU 106/54
 Test Frequency :2457 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	64.94	-4.26	60.68	74.00	-13.32
2483.500	Average	50.17	-4.26	45.91	54.00	-8.09
2485.920	Peak	67.05	-4.24	62.82	74.00	-11.18
2485.920	Average	50.28	-4.24	46.04	54.00	-7.96
2495.820	Peak	66.30	-4.16	62.14	74.00	-11.86
2495.820	Average	49.94	-4.16	45.78	54.00	-8.22

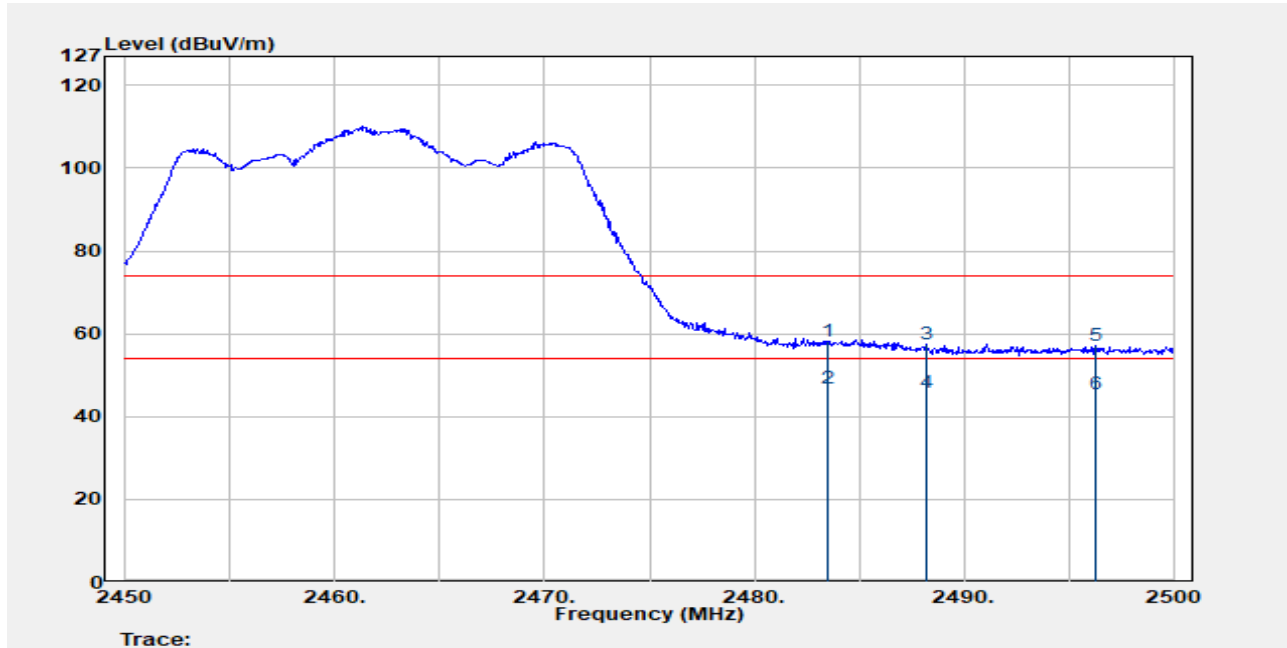
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU FULL
 Test Frequency :2462 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	62.51	-4.26	58.25	74.00	-15.75
2483.500	Average	51.02	-4.26	46.76	54.00	-7.24
2488.200	Peak	61.56	-4.22	57.34	74.00	-16.66
2488.200	Average	49.93	-4.22	45.71	54.00	-8.29
2496.250	Peak	61.35	-4.16	57.19	74.00	-16.81
2496.250	Average	49.55	-4.16	45.39	54.00	-8.61

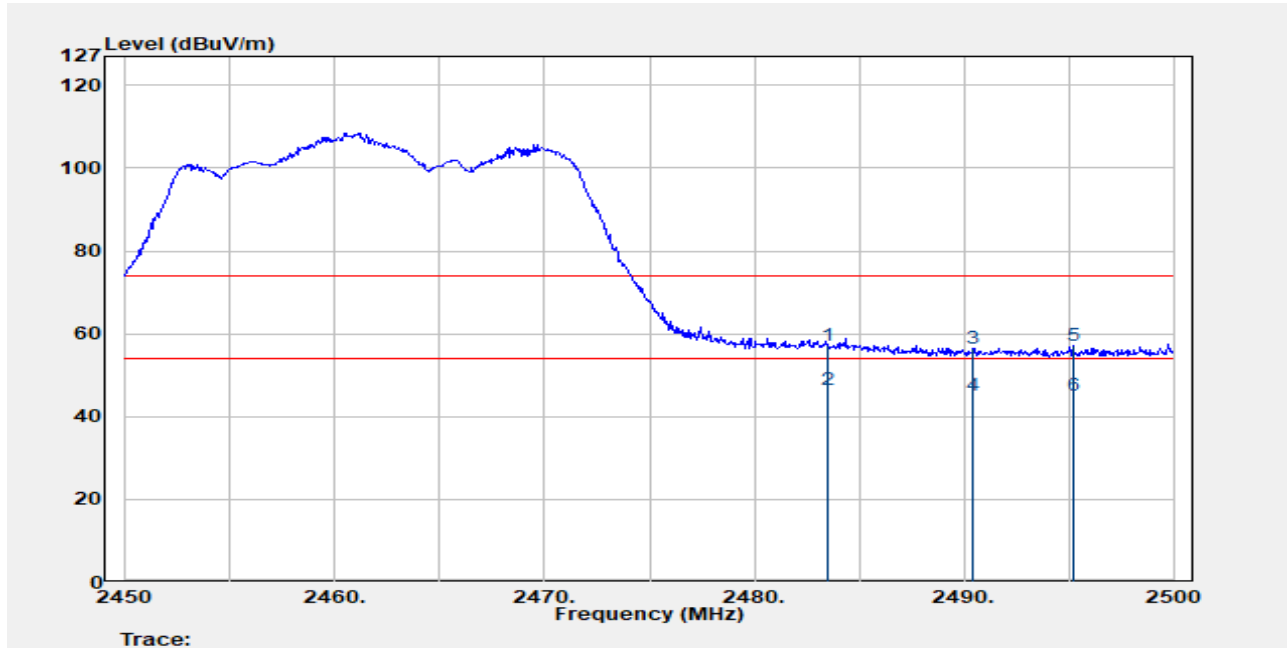
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU FULL
 Test Frequency :2462 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2483.500	Peak	61.30	-4.26	57.04	74.00	-16.96
2483.500	Average	50.78	-4.26	46.52	54.00	-7.48
2490.450	Peak	60.81	-4.20	56.61	74.00	-17.39
2490.450	Average	49.35	-4.20	45.15	54.00	-8.85
2495.200	Peak	61.39	-4.17	57.23	74.00	-16.77
2495.200	Average	49.18	-4.17	45.01	54.00	-8.99

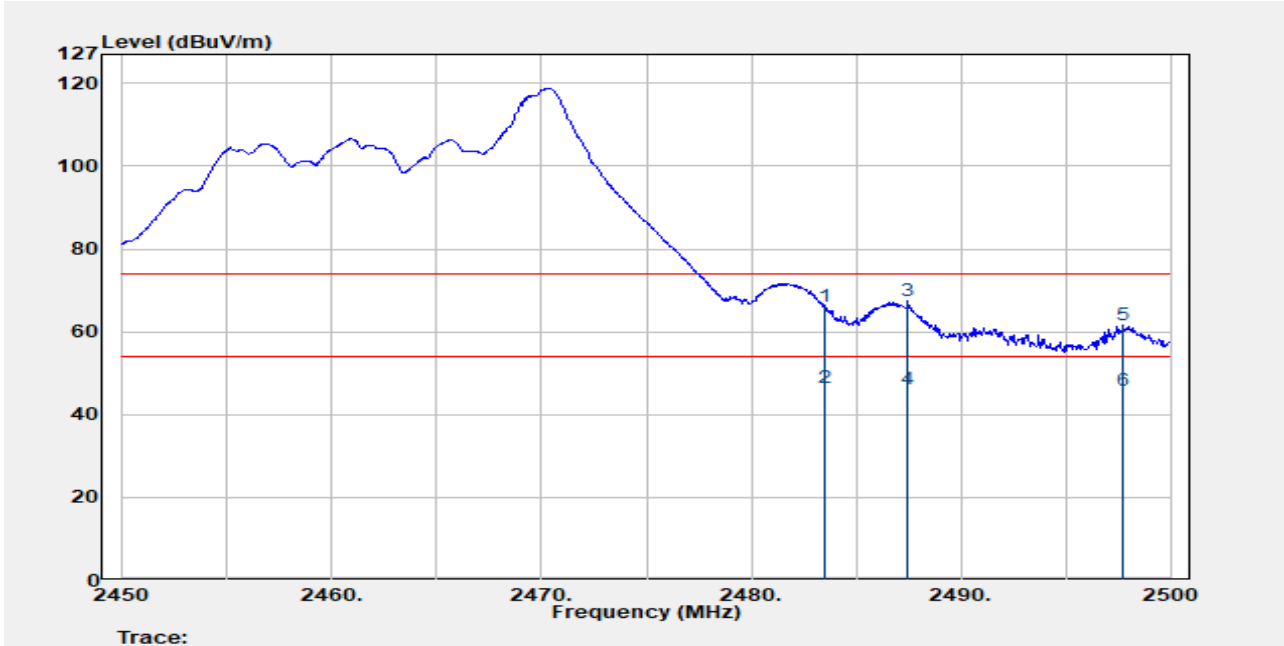
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU 26/8
 Test Frequency :2462 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	70.37	-4.26	66.12	74.00	-7.88
2483.500	Average	50.71	-4.26	46.45	54.00	-7.55
2487.450	Peak	71.61	-4.23	67.38	74.00	-6.62
2487.450	Average	50.48	-4.23	46.25	54.00	-7.75
2497.750	Peak	65.84	-4.15	61.69	74.00	-12.31
2497.750	Average	50.05	-4.15	45.90	54.00	-8.10

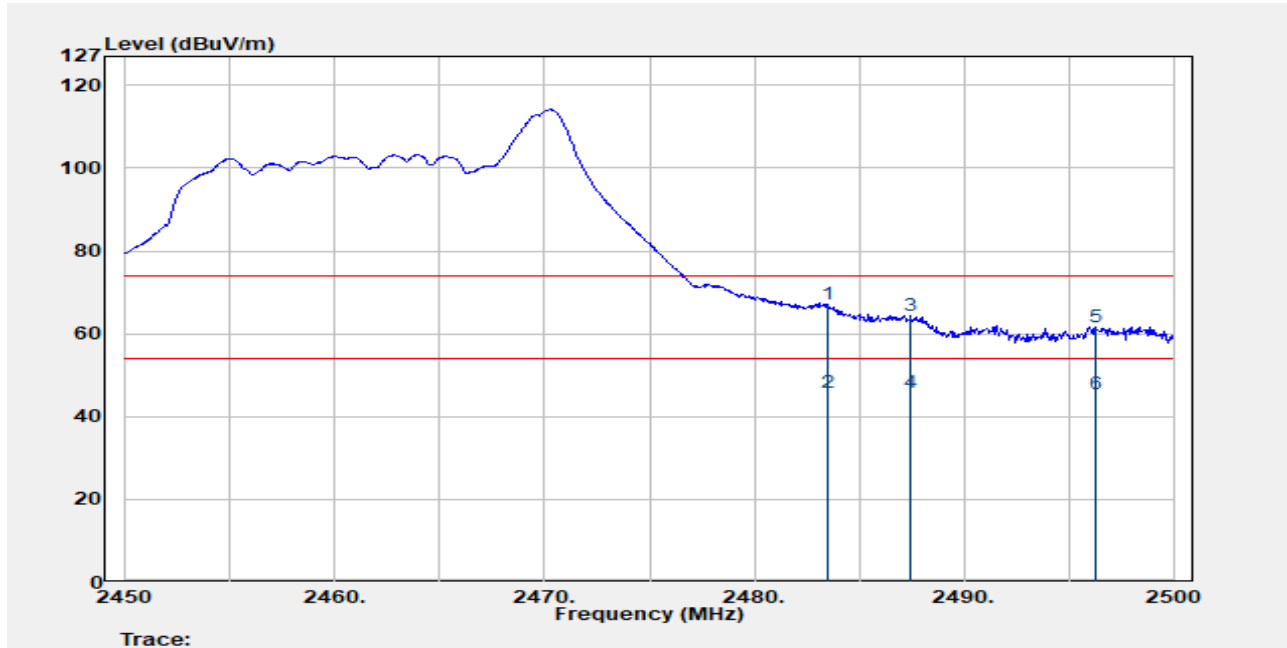
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU 26/8
 Test Frequency :2462 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	71.32	-4.26	67.06	74.00	-6.94
2483.500	Average	50.07	-4.26	45.81	54.00	-8.19
2487.450	Peak	68.75	-4.23	64.52	74.00	-9.48
2487.450	Average	49.84	-4.23	45.61	54.00	-8.39
2496.250	Peak	65.68	-4.16	61.52	74.00	-12.48
2496.250	Average	49.68	-4.16	45.52	54.00	-8.48

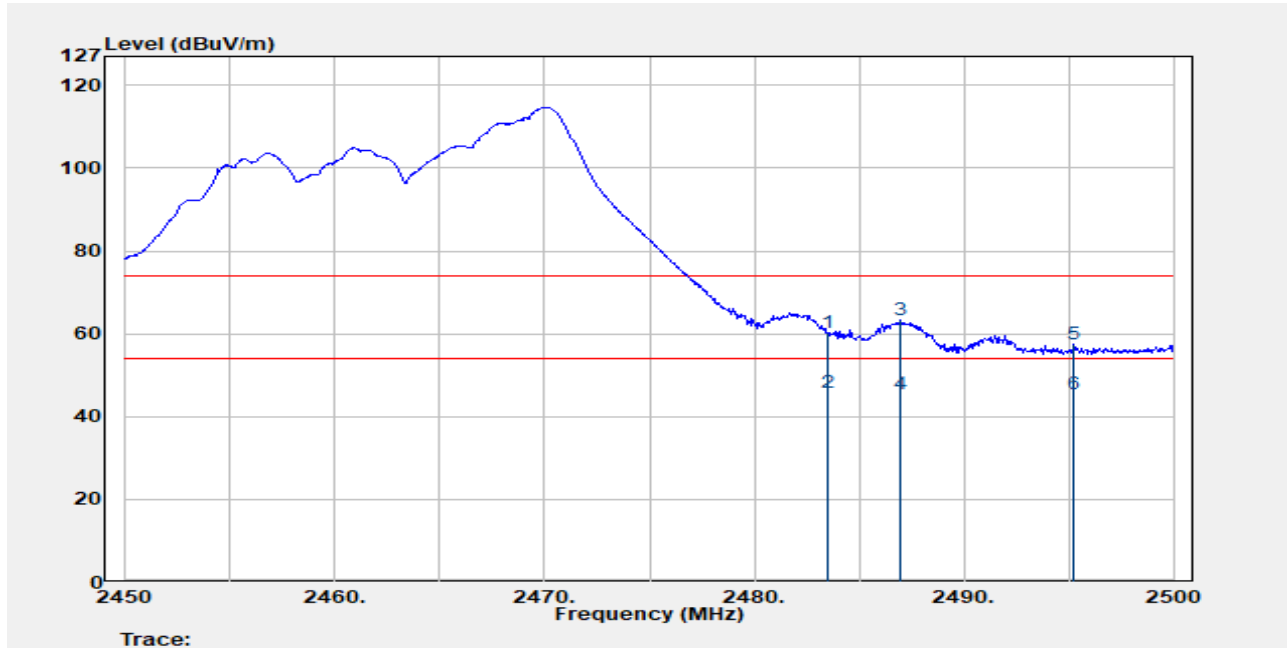
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU 52/40
 Test Frequency :2462 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	64.41	-4.26	60.15	74.00	-13.85
2483.500	Average	49.93	-4.26	45.67	54.00	-8.33
2486.950	Peak	67.56	-4.23	63.33	74.00	-10.67
2486.950	Average	49.72	-4.23	45.49	54.00	-8.51
2495.250	Peak	61.49	-4.17	57.33	74.00	-16.67
2495.250	Average	49.63	-4.17	45.46	54.00	-8.54

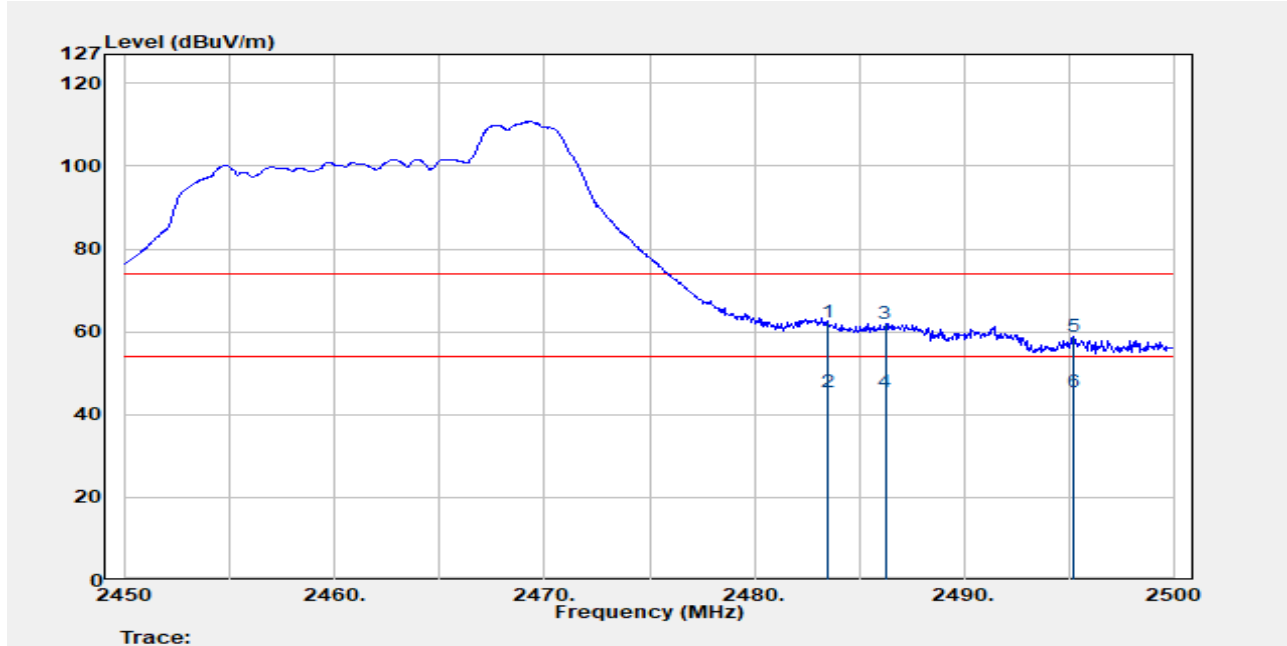
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU 52/40
 Test Frequency :2462 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	66.60	-4.26	62.34	74.00	-11.66
2483.500	Average	49.65	-4.26	45.39	54.00	-8.61
2486.250	Peak	66.15	-4.24	61.91	74.00	-12.09
2486.250	Average	49.59	-4.24	45.35	54.00	-8.65
2495.200	Peak	63.01	-4.17	58.84	74.00	-15.16
2495.200	Average	49.54	-4.17	45.37	54.00	-8.63

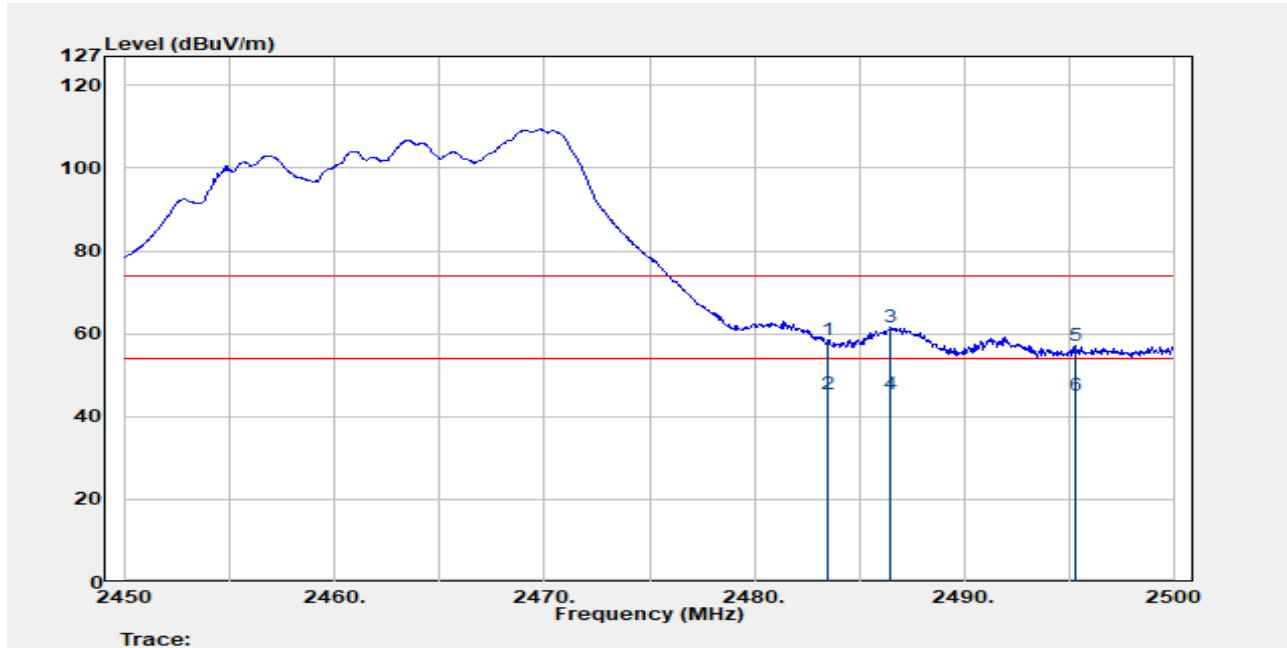
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU 106/54
 Test Frequency :2462 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	62.78	-4.26	58.52	74.00	-15.48
2483.500	Average	49.59	-4.26	45.33	54.00	-8.67
2486.500	Peak	65.77	-4.23	61.54	74.00	-12.46
2486.500	Average	49.50	-4.23	45.27	54.00	-8.73
2495.300	Peak	61.31	-4.17	57.14	74.00	-16.86
2495.300	Average	49.19	-4.17	45.02	54.00	-8.98

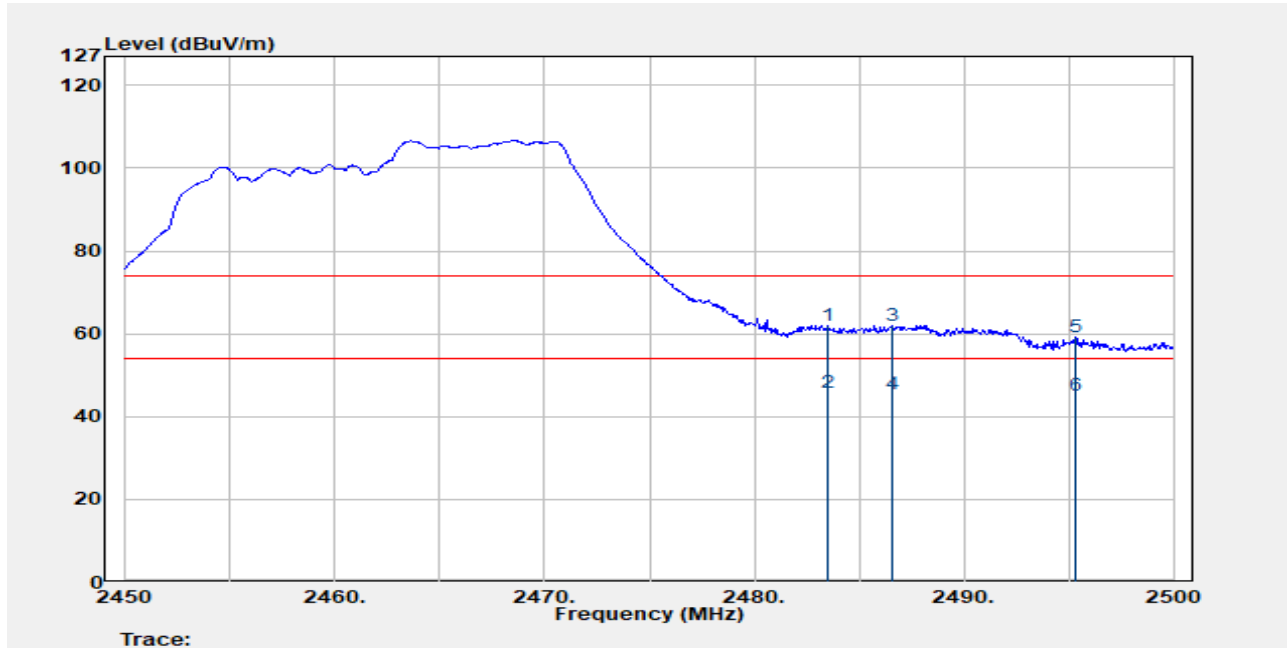
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU 106/54
 Test Frequency :2462 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	66.13	-4.26	61.87	74.00	-12.13
2483.500	Average	49.91	-4.26	45.65	54.00	-8.35
2486.600	Peak	66.16	-4.23	61.92	74.00	-12.08
2486.600	Average	49.65	-4.23	45.42	54.00	-8.58
2495.300	Peak	63.34	-4.17	59.18	74.00	-14.82
2495.300	Average	49.42	-4.17	45.25	54.00	-8.75

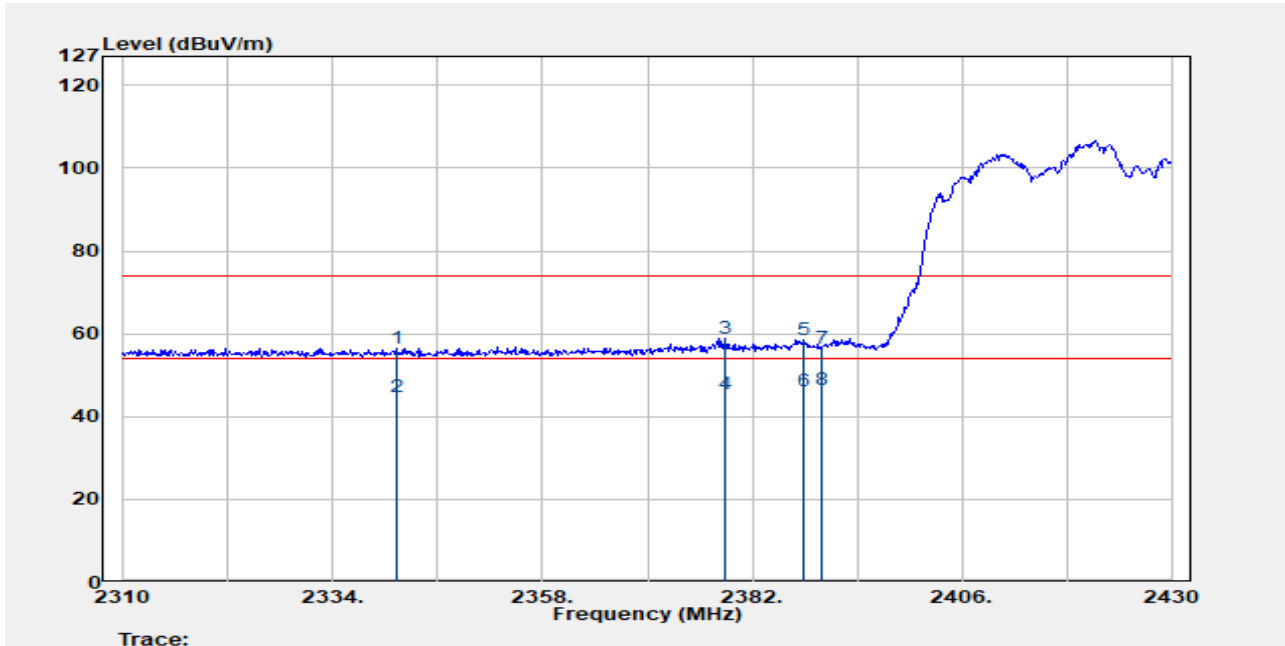
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax40 RU FULL
 Test Frequency :2422 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2341.200	Peak	60.78	-4.38	56.40	74.00	-17.60
2341.200	Average	49.21	-4.38	44.83	54.00	-9.17
2378.880	Peak	62.94	-4.23	58.71	74.00	-15.29
2378.880	Average	49.79	-4.23	45.56	54.00	-8.44
2387.880	Peak	62.83	-4.18	58.66	74.00	-15.34
2387.880	Average	50.21	-4.18	46.03	54.00	-7.97
2390.000	Peak	60.71	-4.17	56.54	74.00	-17.46
2390.000	Average	50.63	-4.17	46.46	54.00	-7.54

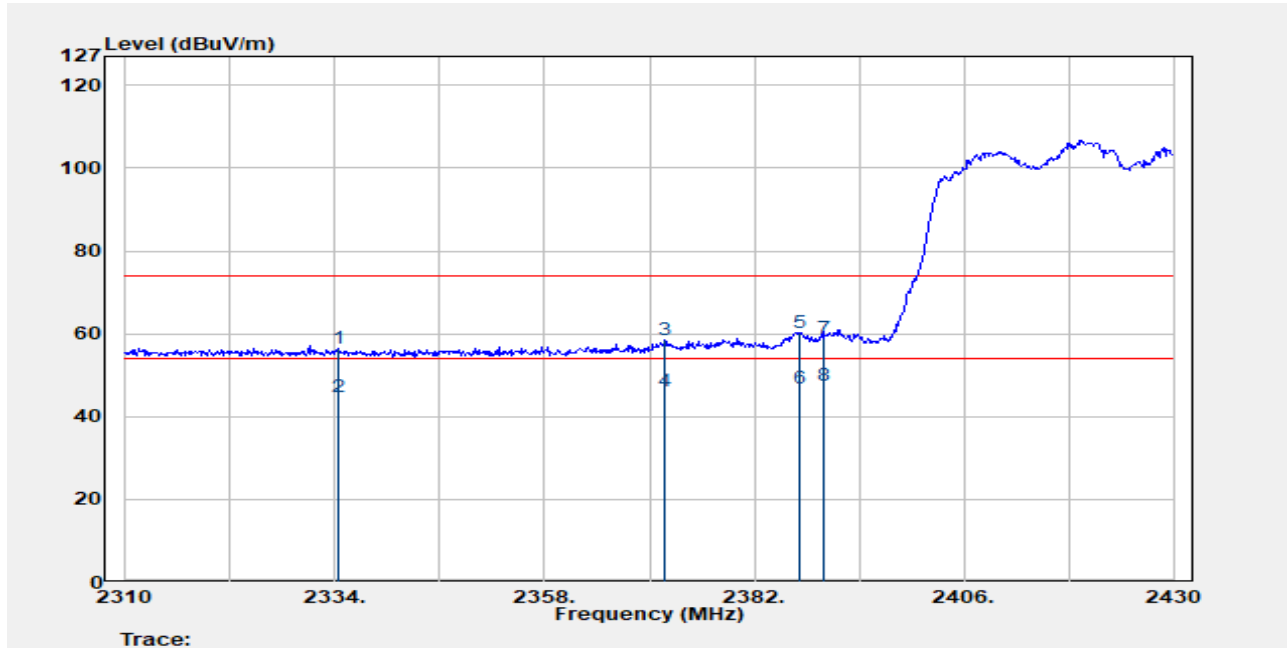
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax40 RU FULL
 Test Frequency :2422 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2334.360	Peak	60.76	-4.37	56.39	74.00	-17.61
2334.360	Average	49.26	-4.37	44.89	54.00	-9.11
2371.800	Peak	62.62	-4.27	58.35	74.00	-15.65
2371.800	Average	50.26	-4.27	45.99	54.00	-8.01
2387.160	Peak	64.47	-4.18	60.29	74.00	-13.71
2387.160	Average	50.99	-4.18	46.81	54.00	-7.19
2390.000	Peak	63.12	-4.17	58.95	74.00	-15.05
2390.000	Average	51.83	-4.17	47.66	54.00	-6.34

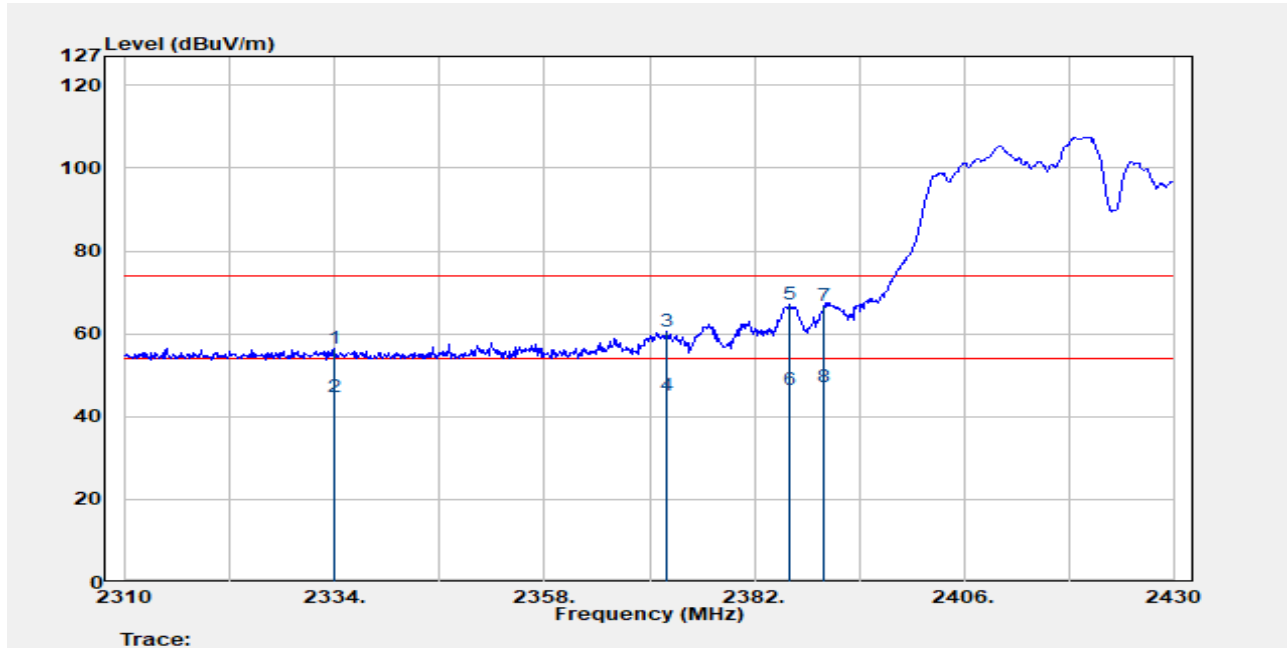
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax40 RU 242/61
 Test Frequency :2422 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2334.000	Peak	60.65	-4.37	56.28	74.00	-17.72
2334.000	Average	49.15	-4.37	44.78	54.00	-9.22
2372.040	Peak	64.90	-4.27	60.64	74.00	-13.36
2372.040	Average	49.46	-4.27	45.19	54.00	-8.81
2386.080	Peak	71.34	-4.19	67.15	74.00	-6.85
2386.080	Average	50.65	-4.19	46.46	54.00	-7.54
2390.000	Peak	70.82	-4.17	66.65	74.00	-7.35
2390.000	Average	51.17	-4.17	47.00	54.00	-7.00

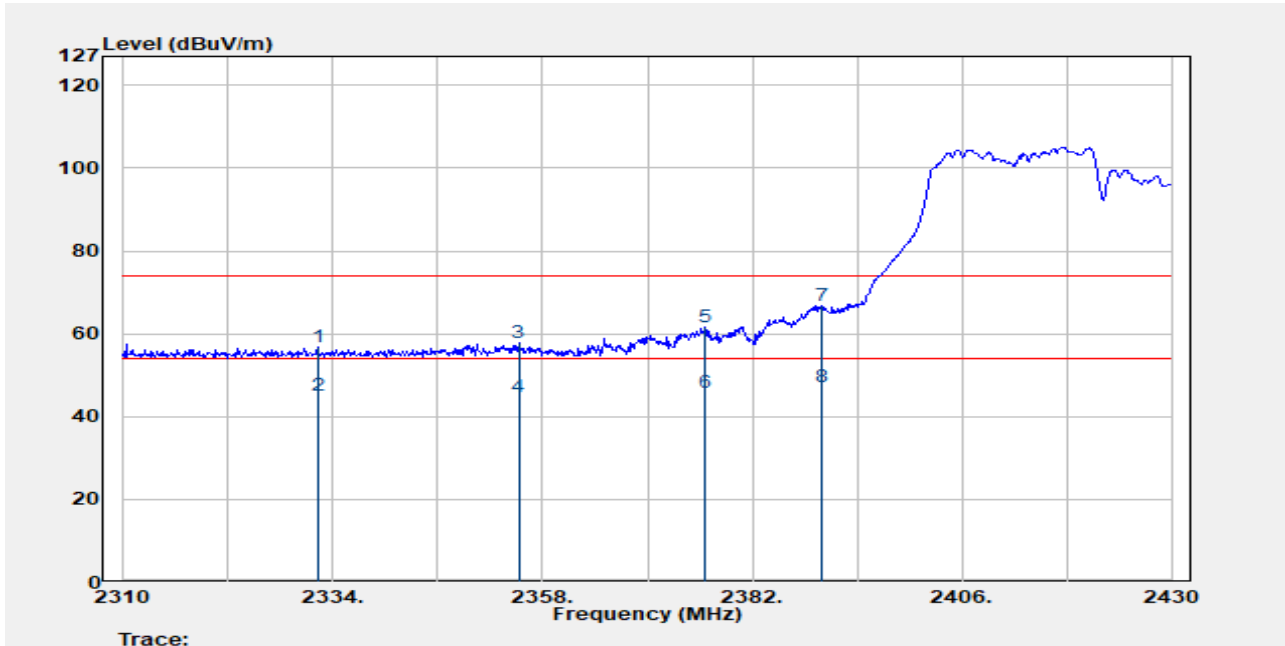
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax40 RU 242/61
 Test Frequency :2422 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2332.200	Peak	61.27	-4.37	56.91	74.00	-17.09
2332.200	Average	49.32	-4.37	44.95	54.00	-9.05
2355.240	Peak	62.10	-4.36	57.73	74.00	-16.27
2355.240	Average	49.24	-4.36	44.88	54.00	-9.12
2376.600	Peak	65.82	-4.24	61.58	74.00	-12.42
2376.600	Average	49.94	-4.24	45.70	54.00	-8.30
2390.000	Peak	70.81	-4.17	66.64	74.00	-7.36
2390.000	Average	51.16	-4.17	46.99	54.00	-7.01

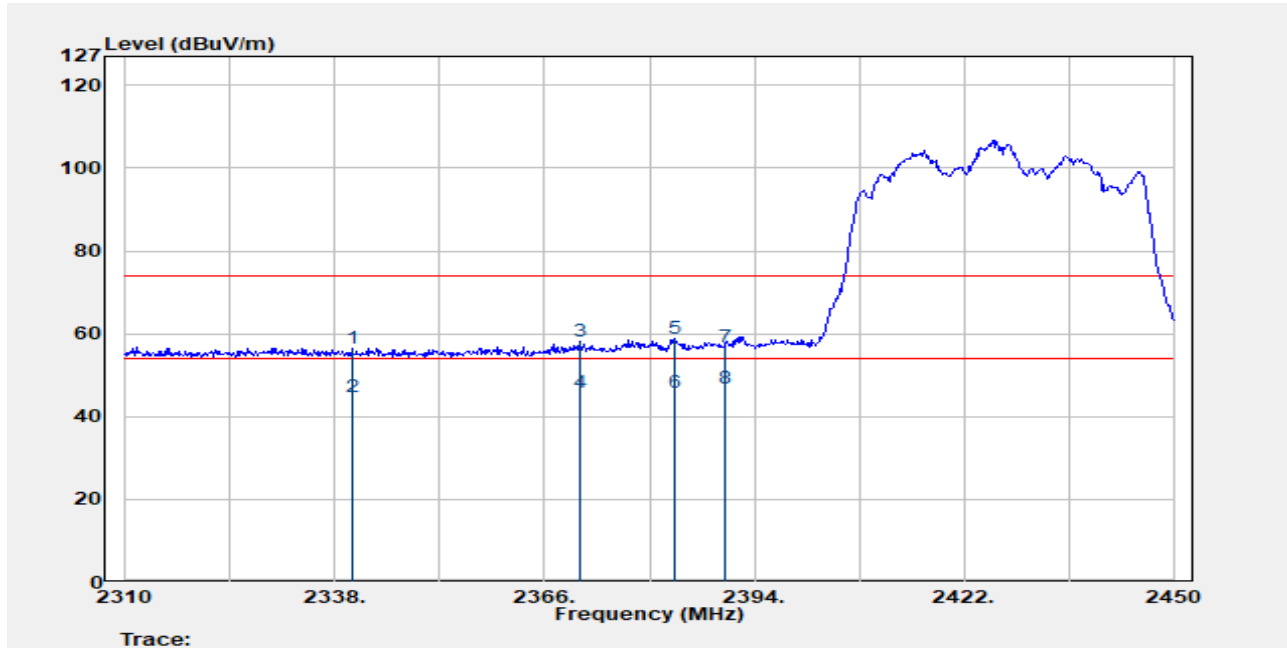
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax40 RU FULL
 Test Frequency :2427 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2340.240	Peak	60.86	-4.38	56.49	74.00	-17.51
2340.240	Average	49.24	-4.38	44.86	54.00	-9.14
2370.760	Peak	62.60	-4.27	58.33	74.00	-15.67
2370.760	Average	49.91	-4.27	45.64	54.00	-8.36
2383.360	Peak	62.95	-4.20	58.75	74.00	-15.25
2383.360	Average	50.11	-4.20	45.91	54.00	-8.09
2390.000	Peak	60.92	-4.17	56.76	74.00	-17.24
2390.000	Average	50.83	-4.17	46.66	54.00	-7.34

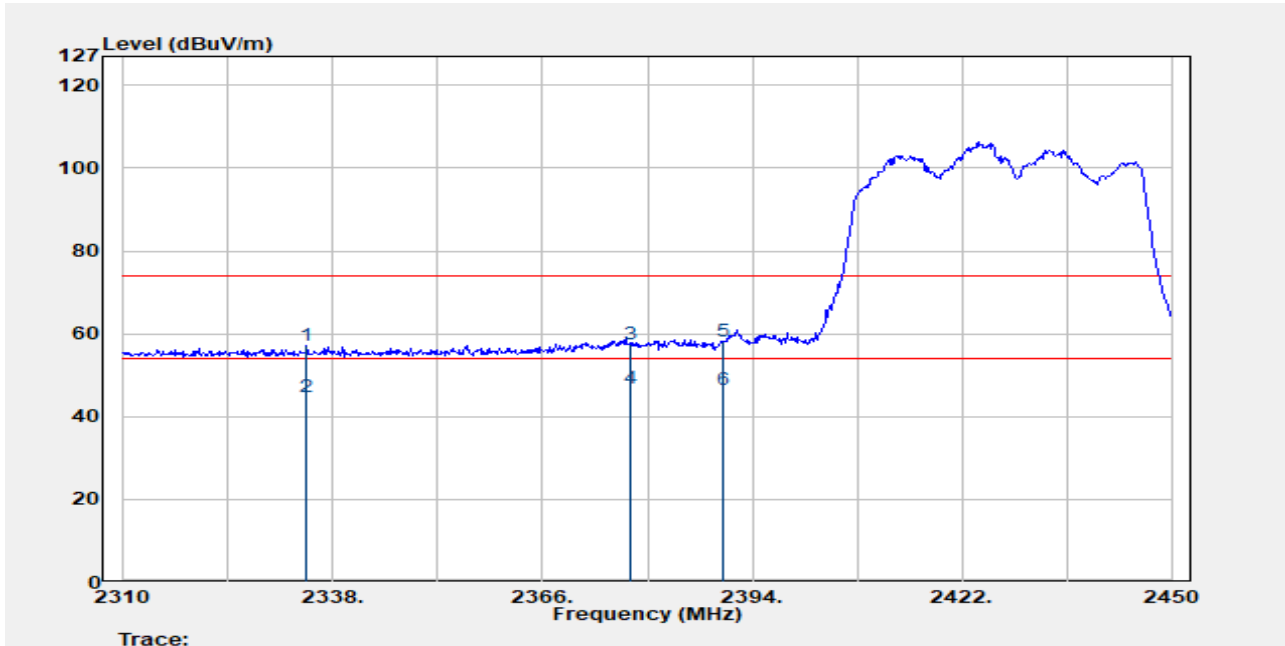
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax40 RU FULL
 Test Frequency :2427 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2334.500	Peak	61.44	-4.37	57.08	74.00	-16.92
2334.500	Average	49.23	-4.37	44.86	54.00	-9.14
2377.680	Peak	61.83	-4.23	57.60	74.00	-16.40
2377.680	Average	50.93	-4.23	46.70	54.00	-7.30
2390.000	Peak	62.41	-4.17	58.25	74.00	-15.75
2390.000	Average	50.76	-4.17	46.59	54.00	-7.41

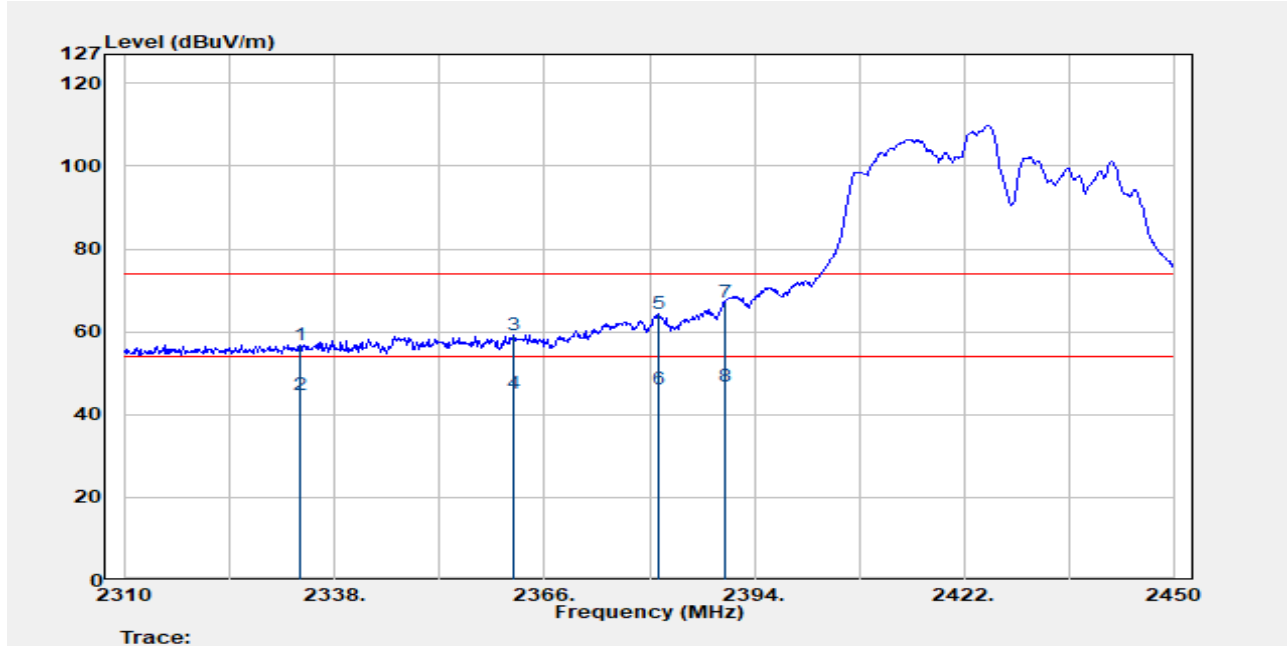
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax40 RU 242/61
 Test Frequency :2427 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2333.240	Peak	61.29	-4.37	56.92	74.00	-17.08
2333.240	Average	49.21	-4.37	44.84	54.00	-9.16
2361.800	Peak	63.49	-4.32	59.17	74.00	-14.83
2361.800	Average	49.45	-4.32	45.13	54.00	-8.87
2381.120	Peak	68.64	-4.22	64.43	74.00	-9.57
2381.120	Average	50.48	-4.22	46.26	54.00	-7.74
2390.000	Peak	71.30	-4.17	67.13	74.00	-6.87
2390.000	Average	50.85	-4.17	46.68	54.00	-7.32

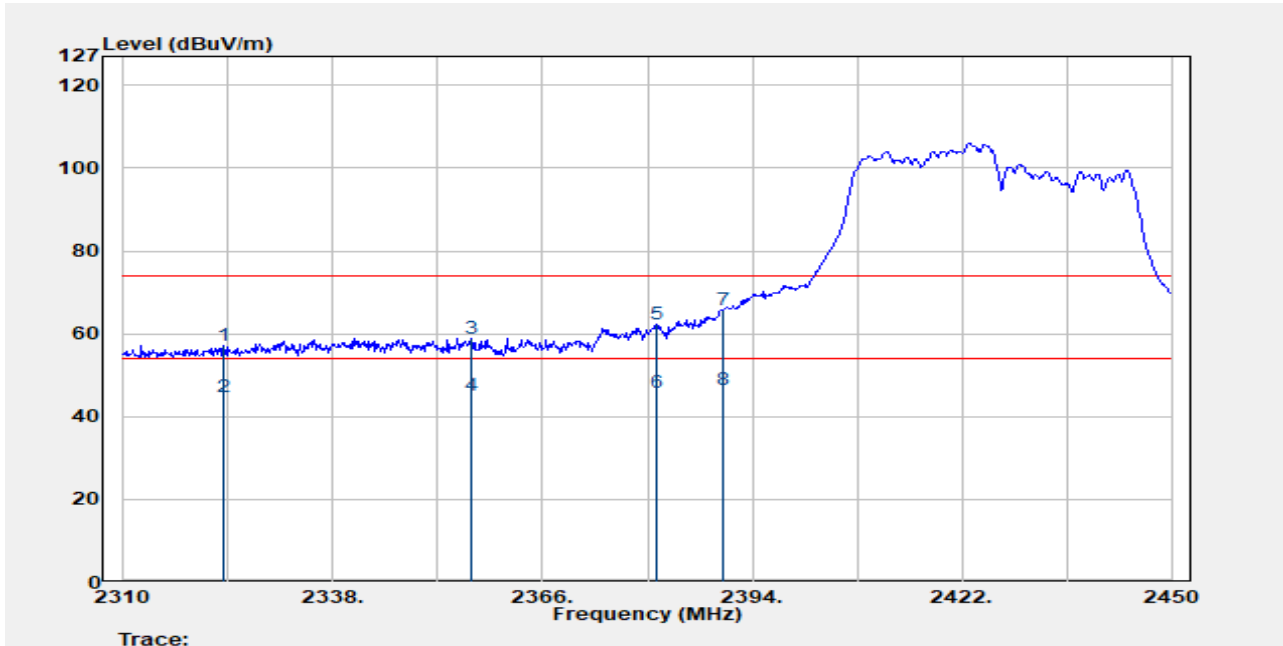
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax40 RU 242/61
 Test Frequency :2427 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2323.440	Peak	61.39	-4.35	57.04	74.00	-16.96
2323.440	Average	49.23	-4.35	44.88	54.00	-9.12
2356.480	Peak	63.22	-4.35	58.87	74.00	-15.13
2356.480	Average	49.27	-4.35	44.92	54.00	-9.08
2381.260	Peak	66.35	-4.21	62.13	74.00	-11.87
2381.260	Average	50.03	-4.21	45.82	54.00	-8.18
2390.000	Peak	69.79	-4.17	65.63	74.00	-8.37
2390.000	Average	50.52	-4.17	46.35	54.00	-7.65

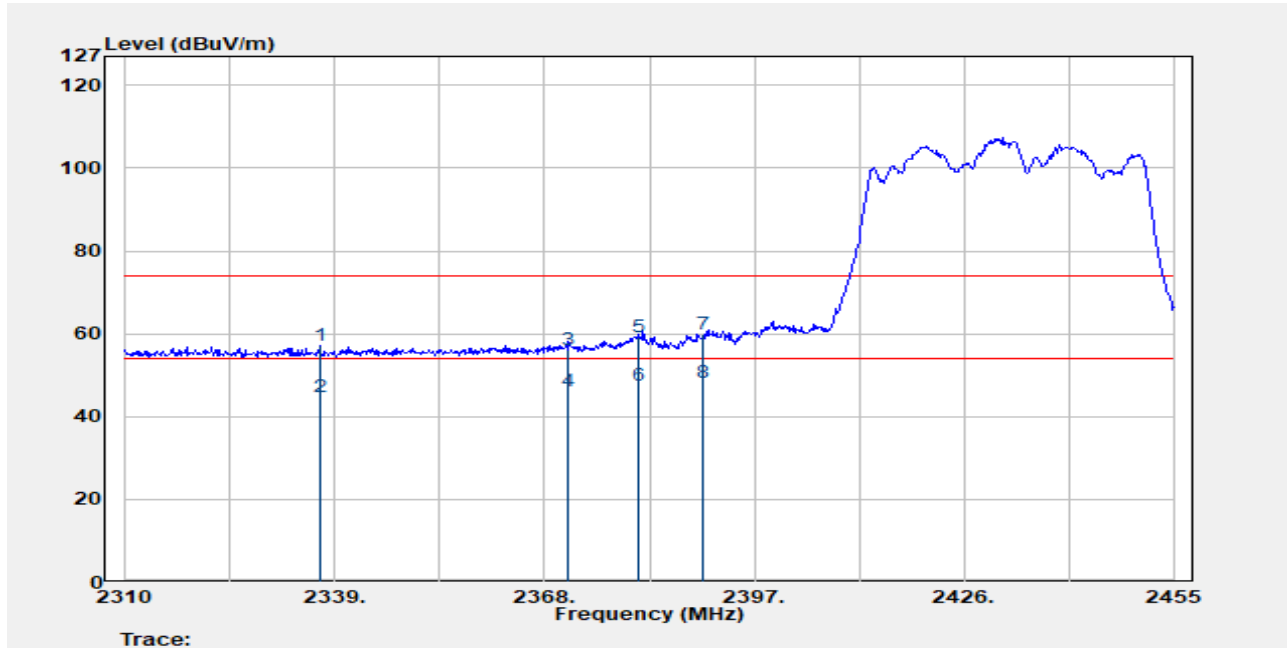
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax40 RU FULL
 Test Frequency :2432 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2336.825	Peak	61.38	-4.37	57.01	74.00	-16.99
2336.825	Average	49.16	-4.37	44.79	54.00	-9.21
2371.295	Peak	60.48	-4.27	56.21	74.00	-17.79
2371.295	Average	50.37	-4.27	46.10	54.00	-7.90
2380.865	Peak	63.34	-4.22	59.13	74.00	-14.87
2380.865	Average	51.75	-4.22	47.53	54.00	-6.47
2390.000	Peak	64.12	-4.17	59.95	74.00	-14.05
2390.000	Average	52.26	-4.17	48.09	54.00	-5.91

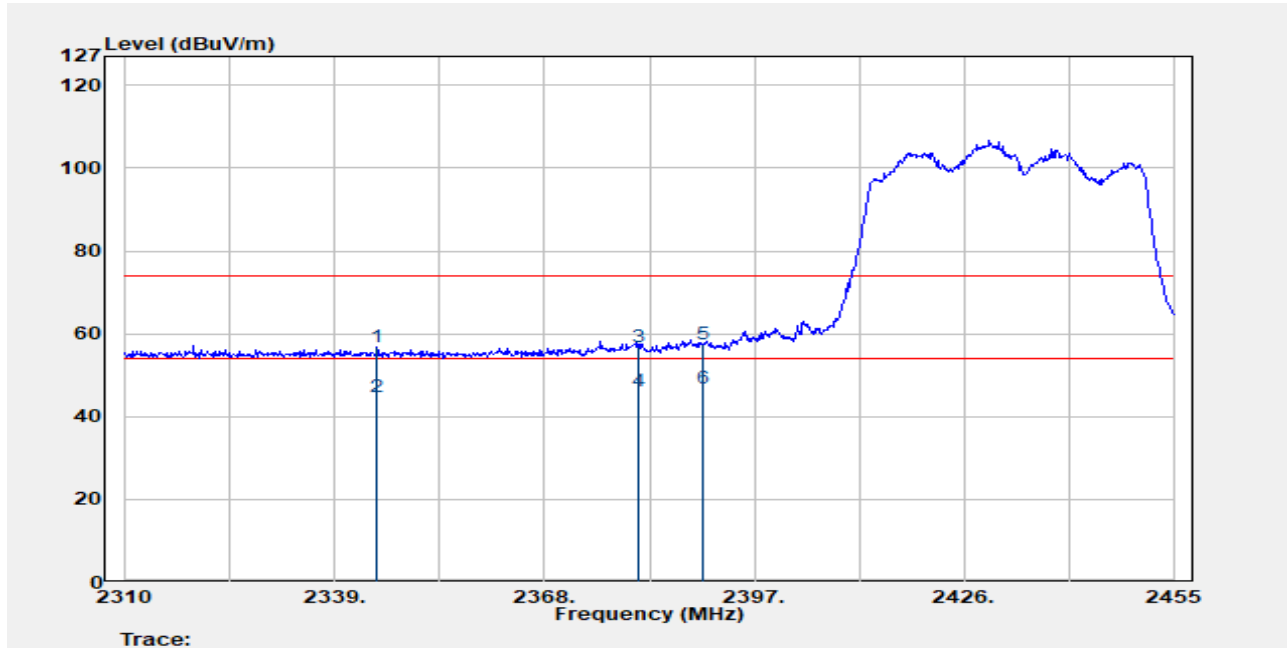
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax40 RU FULL
 Test Frequency :2432 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2344.800	Peak	61.18	-4.38	56.80	74.00	-17.20
2344.800	Average	49.09	-4.38	44.71	54.00	-9.29
2380.865	Peak	60.90	-4.22	56.68	74.00	-17.32
2380.865	Average	50.31	-4.22	46.09	54.00	-7.91
2390.000	Peak	61.78	-4.17	57.61	74.00	-16.39
2390.000	Average	50.86	-4.17	46.69	54.00	-7.31

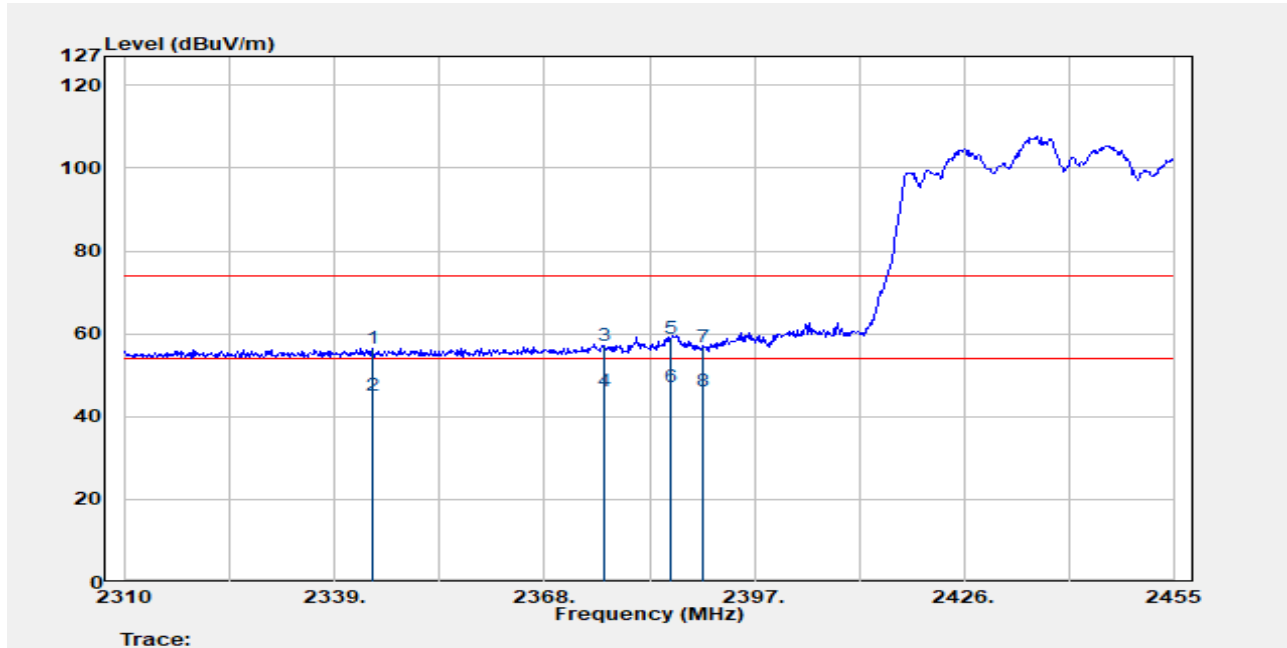
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax40 RU FULL
 Test Frequency :2437 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2344.075	Peak	60.83	-4.38	56.44	74.00	-17.56
2344.075	Average	49.30	-4.38	44.92	54.00	-9.08
2376.225	Peak	61.50	-4.24	57.26	74.00	-16.74
2376.225	Average	50.26	-4.24	46.02	54.00	-7.98
2385.505	Peak	62.89	-4.19	58.70	74.00	-15.30
2385.505	Average	51.33	-4.19	47.14	54.00	-6.86
2390.000	Peak	60.83	-4.17	56.66	74.00	-17.34
2390.000	Average	50.12	-4.17	45.95	54.00	-8.05

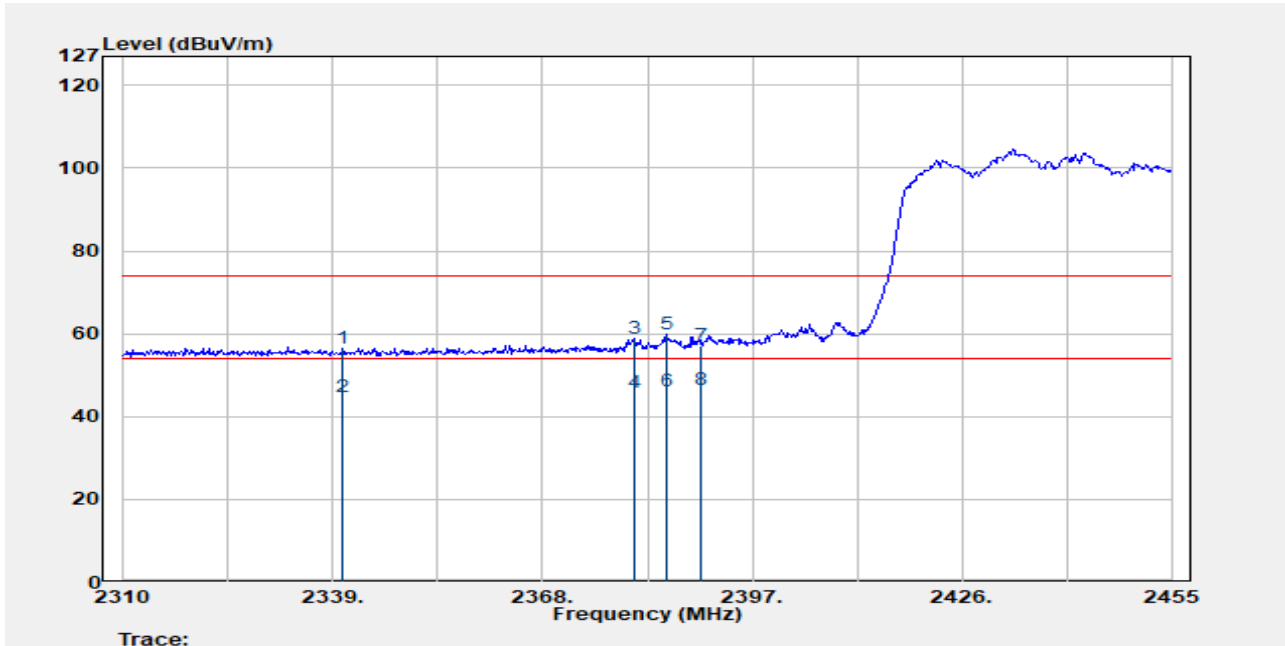
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax40 RU FULL
 Test Frequency :2437 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2340.305	Peak	60.90	-4.38	56.52	74.00	-17.48
2340.305	Average	49.13	-4.38	44.75	54.00	-9.25
2380.615	Peak	63.01	-4.22	58.79	74.00	-15.21
2380.615	Average	50.12	-4.22	45.90	54.00	-8.10
2385.110	Peak	64.10	-4.19	59.91	74.00	-14.09
2385.110	Average	50.32	-4.19	46.13	54.00	-7.87
2390.000	Peak	61.36	-4.17	57.19	74.00	-16.81
2390.000	Average	50.68	-4.17	46.51	54.00	-7.49

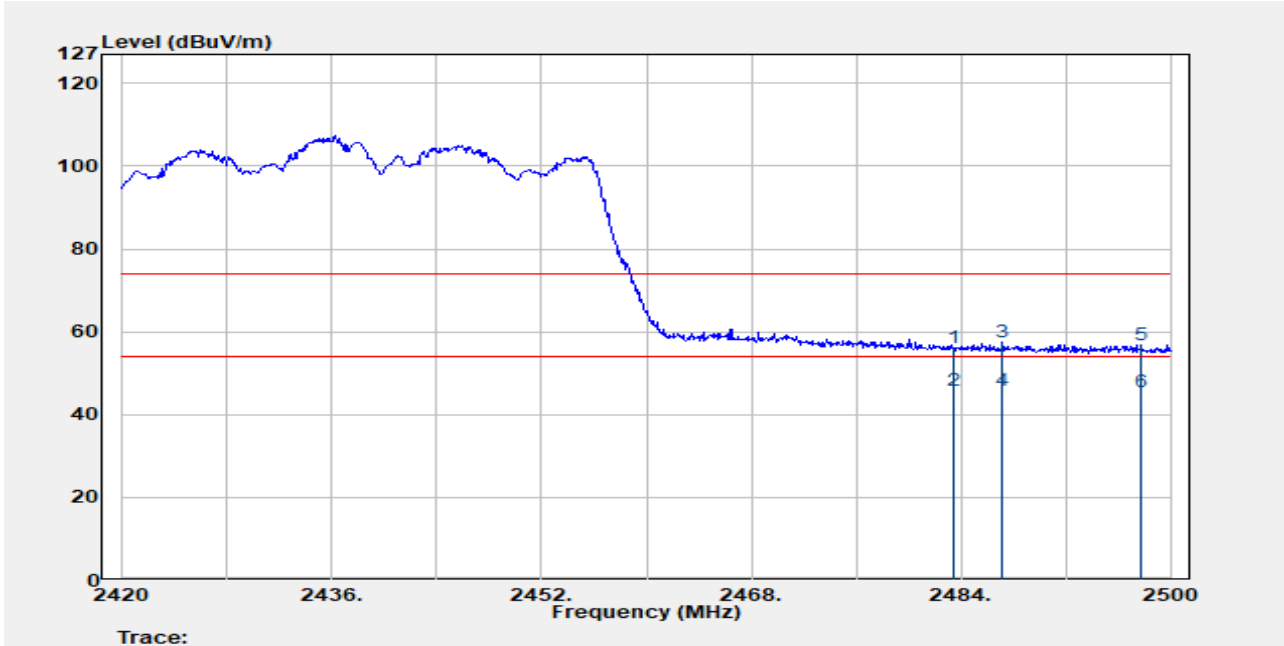
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax40 RU FULL
 Test Frequency :2437 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	60.25	-4.26	56.00	74.00	-18.00
2483.500	Average	49.99	-4.26	45.73	54.00	-8.27
2487.200	Peak	61.63	-4.23	57.40	74.00	-16.60
2487.200	Average	49.93	-4.23	45.70	54.00	-8.30
2497.760	Peak	61.02	-4.15	56.87	74.00	-17.13
2497.760	Average	49.68	-4.15	45.53	54.00	-8.47

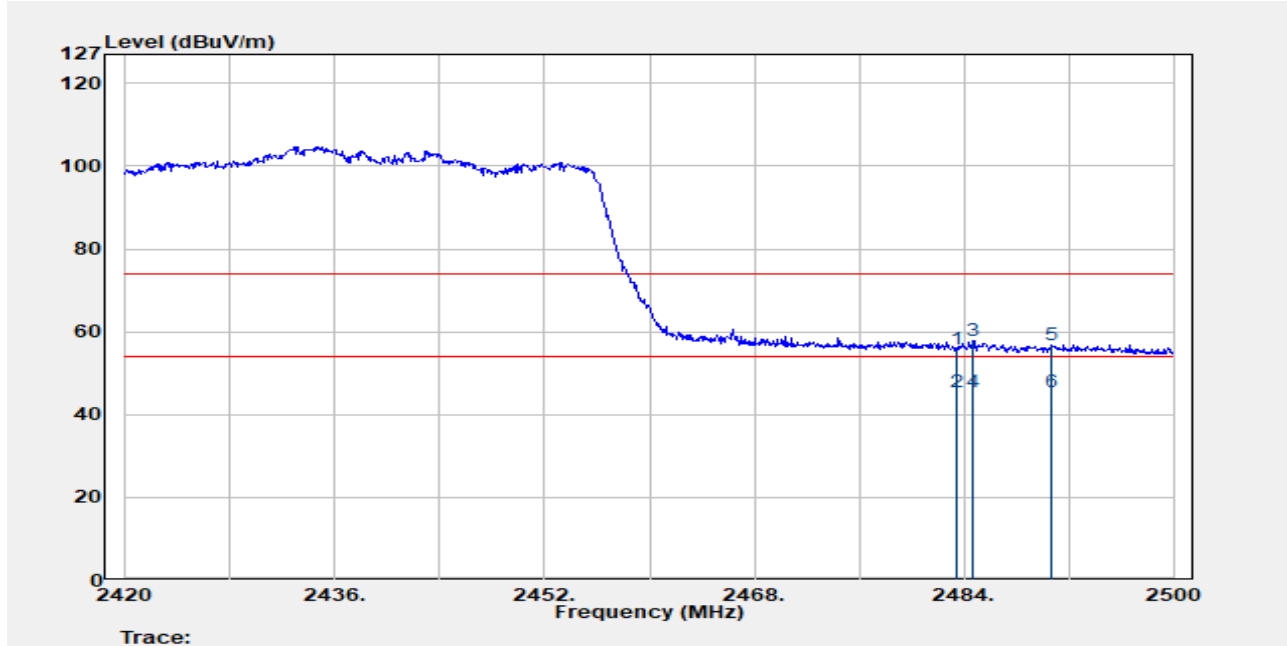
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax40 RU FULL
 Test Frequency :2437 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2483.500	Peak	60.03	-4.26	55.77	74.00	-18.23
2483.500	Average	49.83	-4.26	45.57	54.00	-8.43
2484.720	Peak	62.05	-4.25	57.80	74.00	-16.20
2484.720	Average	49.82	-4.25	45.57	54.00	-8.43
2490.640	Peak	61.04	-4.20	56.84	74.00	-17.16
2490.640	Average	49.53	-4.20	45.33	54.00	-8.67

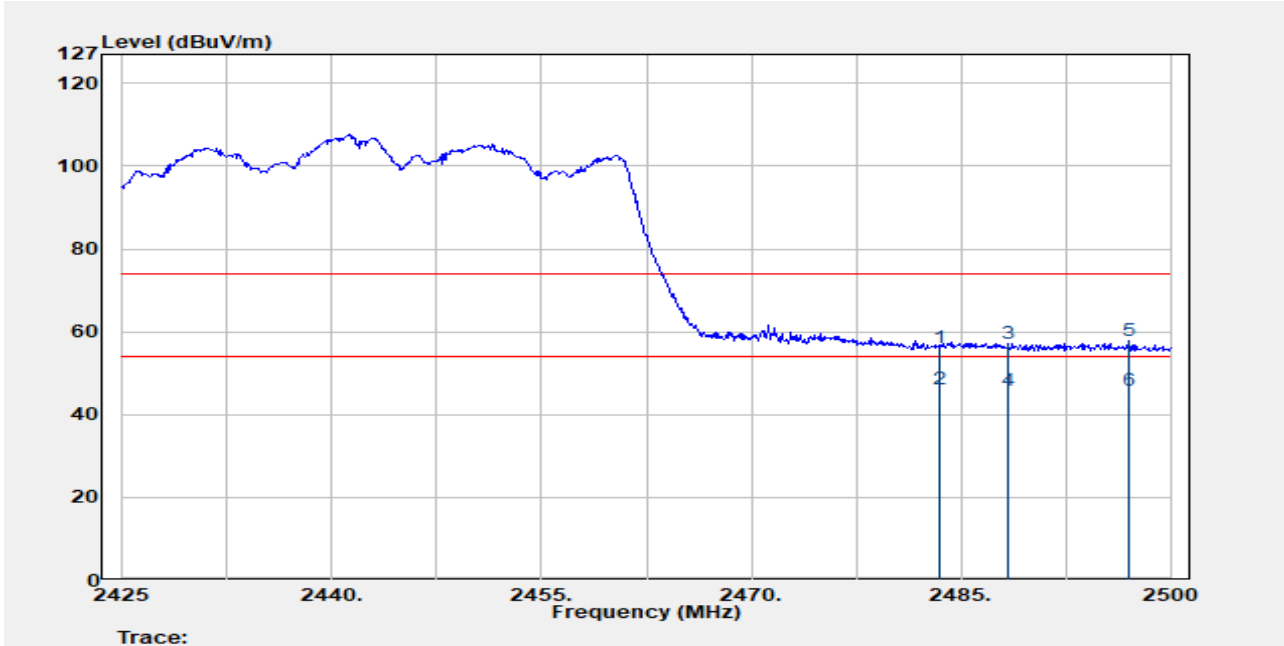
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax40 RU FULL
 Test Frequency :2442 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	60.19	-4.26	55.93	74.00	-18.07
2483.500	Average	50.26	-4.26	46.00	54.00	-8.00
2488.450	Peak	61.36	-4.22	57.15	74.00	-16.85
2488.450	Average	49.95	-4.22	45.73	54.00	-8.27
2497.000	Peak	61.97	-4.15	57.81	74.00	-16.19
2497.000	Average	49.82	-4.15	45.67	54.00	-8.33

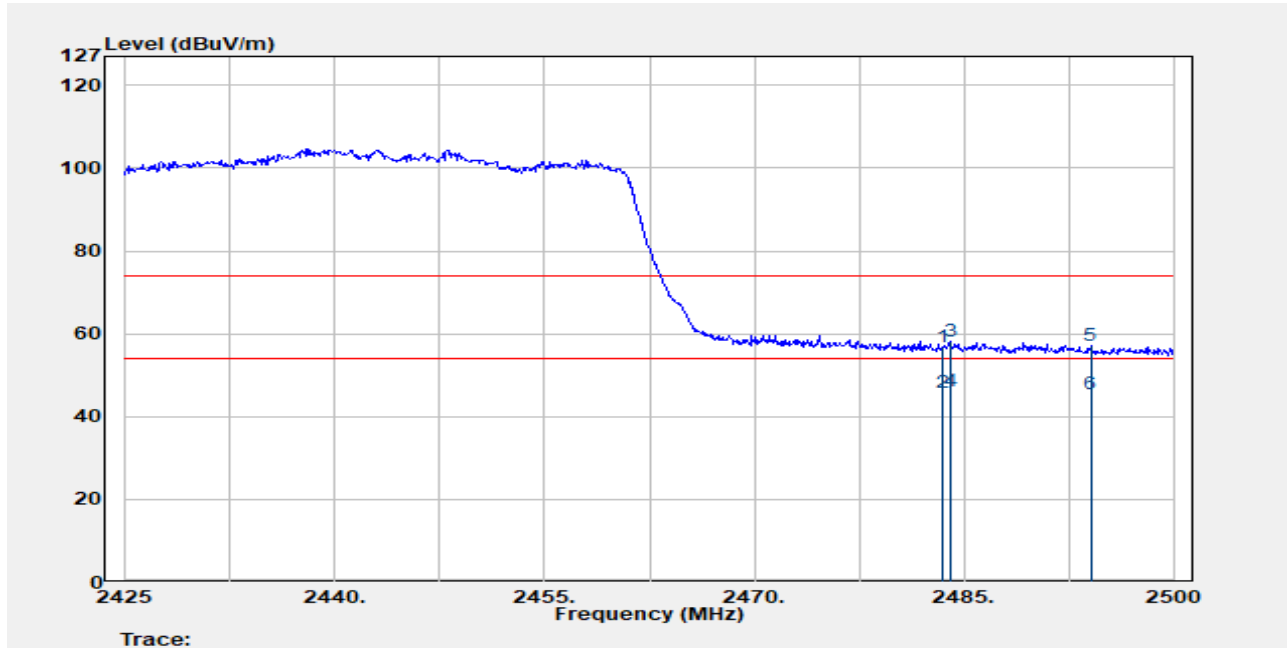
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax40 RU FULL
 Test Frequency :2442 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	60.90	-4.26	56.65	74.00	-17.36
2483.500	Average	50.18	-4.26	45.92	54.00	-8.08
2484.025	Peak	62.29	-4.25	58.04	74.00	-15.96
2484.025	Average	50.23	-4.25	45.98	54.00	-8.02
2494.075	Peak	61.36	-4.18	57.19	74.00	-16.81
2494.075	Average	49.53	-4.18	45.35	54.00	-8.65

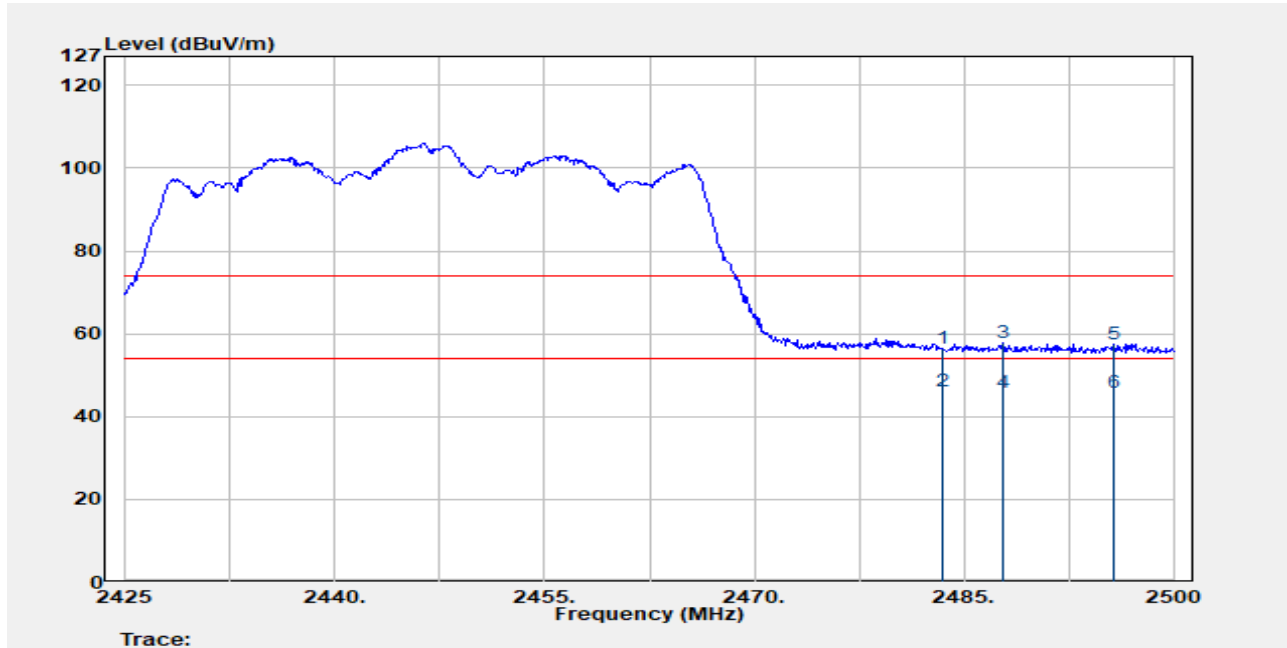
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax40 RU FULL
 Test Frequency :2447 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	60.82	-4.26	56.56	74.00	-17.44
2483.500	Average	50.23	-4.26	45.97	54.00	-8.03
2487.775	Peak	61.96	-4.22	57.74	74.00	-16.26
2487.775	Average	50.12	-4.22	45.90	54.00	-8.10
2495.800	Peak	61.59	-4.16	57.42	74.00	-16.58
2495.800	Average	49.86	-4.16	45.70	54.00	-8.30

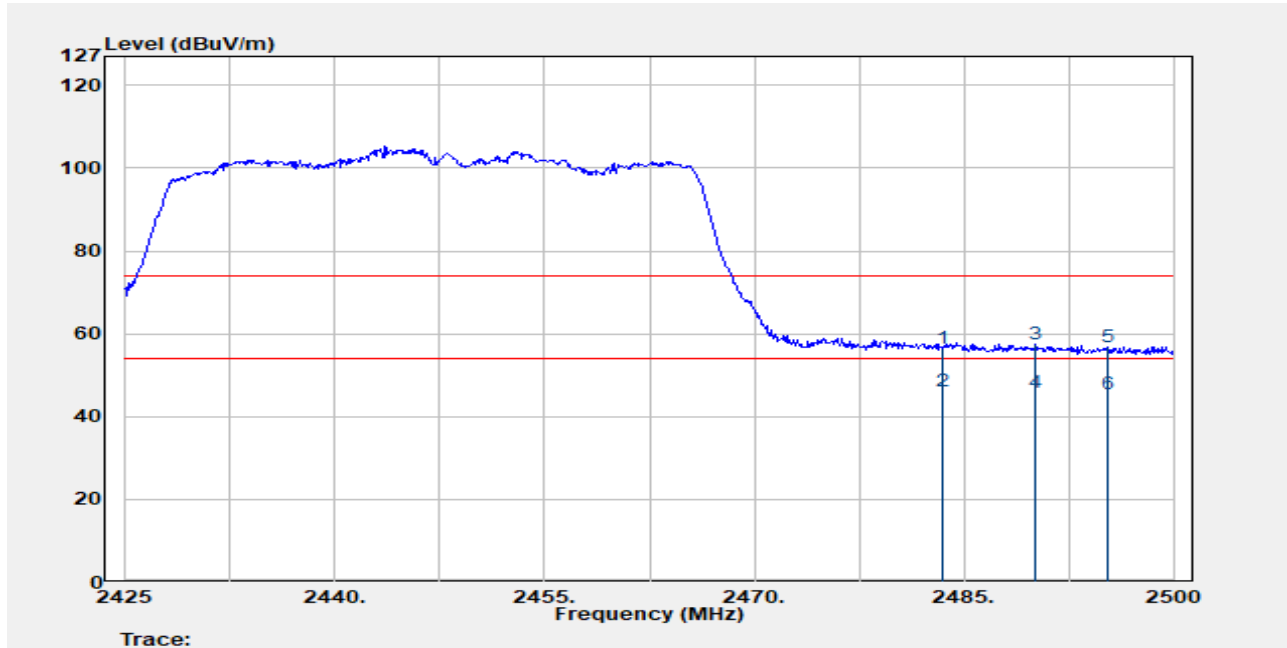
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax40 RU FULL
 Test Frequency :2447 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2483.500	Peak	60.70	-4.26	56.44	74.00	-17.56
2483.500	Average	50.26	-4.26	46.00	54.00	-8.00
2490.175	Peak	61.62	-4.21	57.42	74.00	-16.58
2490.175	Average	49.91	-4.21	45.70	54.00	-8.30
2495.350	Peak	61.04	-4.17	56.87	74.00	-17.13
2495.350	Average	49.52	-4.17	45.35	54.00	-8.65

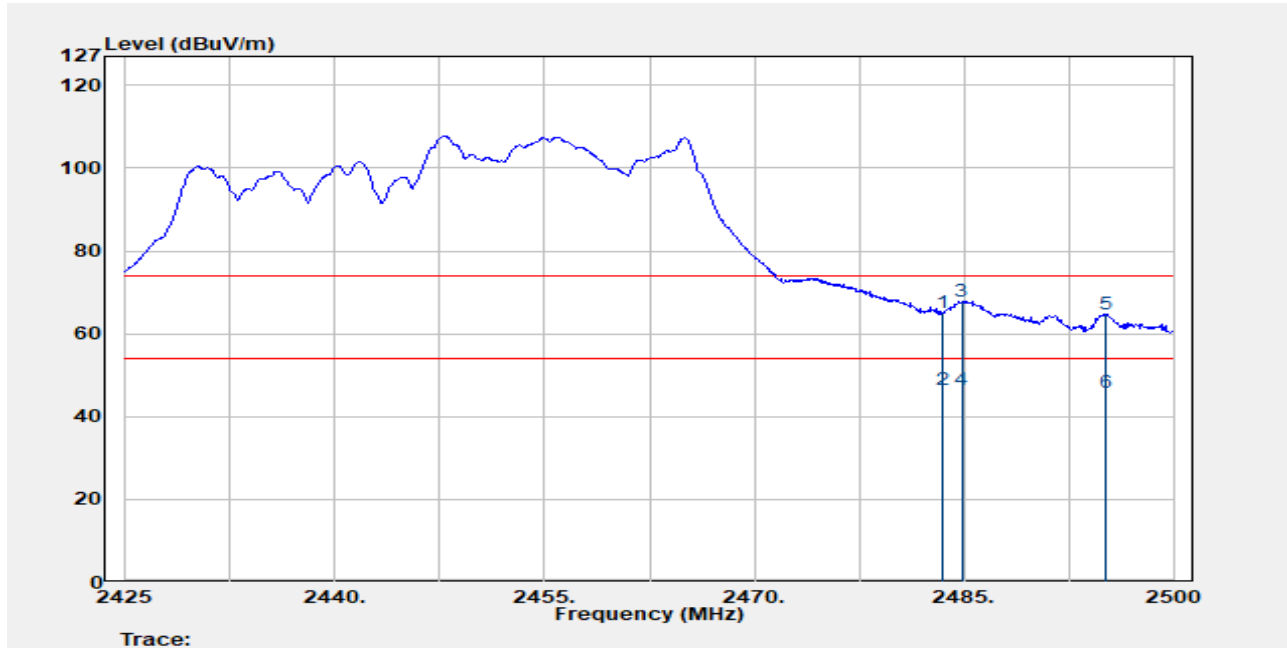
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax40 RU 242/62
 Test Frequency :2447 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2483.500	Peak	69.47	-4.26	65.21	74.00	-8.79
2483.500	Average	50.61	-4.26	46.35	54.00	-7.65
2484.850	Peak	72.03	-4.25	67.79	74.00	-6.21
2484.850	Average	50.88	-4.25	46.63	54.00	-7.37
2495.200	Peak	69.04	-4.17	64.87	74.00	-9.13
2495.200	Average	49.99	-4.17	45.82	54.00	-8.18

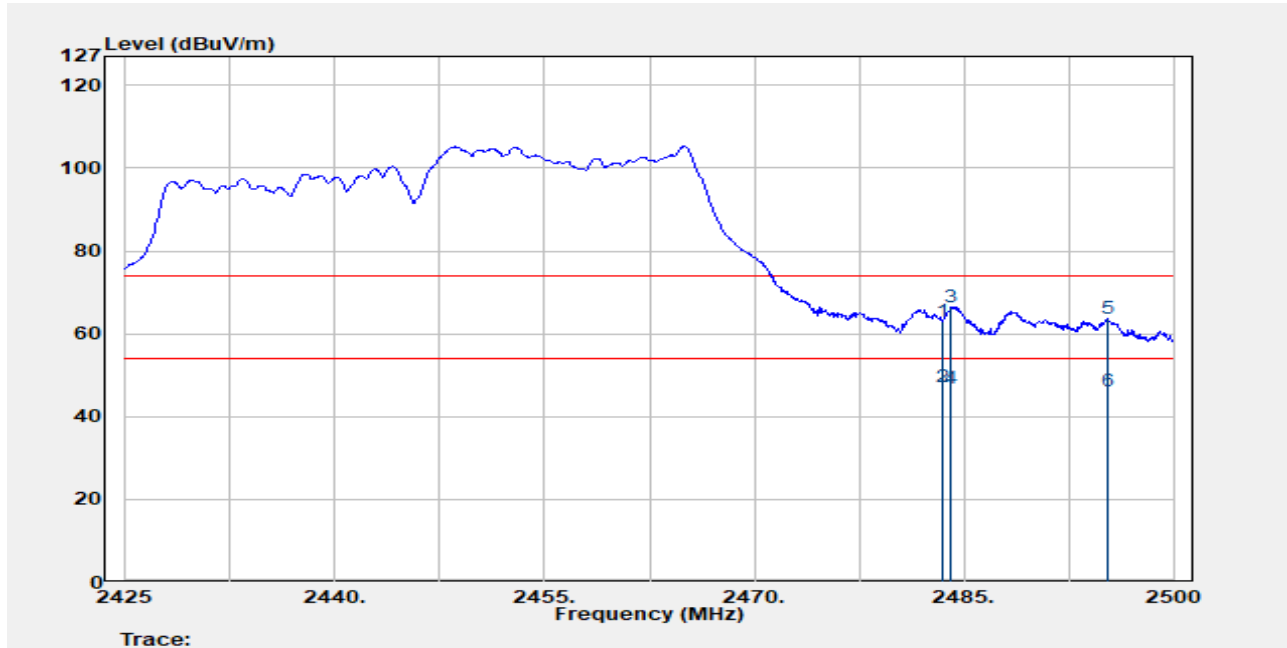
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax40 RU 242/62
 Test Frequency :2447 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2483.500	Peak	67.37	-4.26	63.11	74.00	-10.89
2483.500	Average	51.30	-4.26	47.04	54.00	-6.96
2484.100	Peak	70.67	-4.25	66.41	74.00	-7.59
2484.100	Average	51.15	-4.25	46.90	54.00	-7.10
2495.350	Peak	67.91	-4.17	63.74	74.00	-10.26
2495.350	Average	50.45	-4.17	46.28	54.00	-7.72

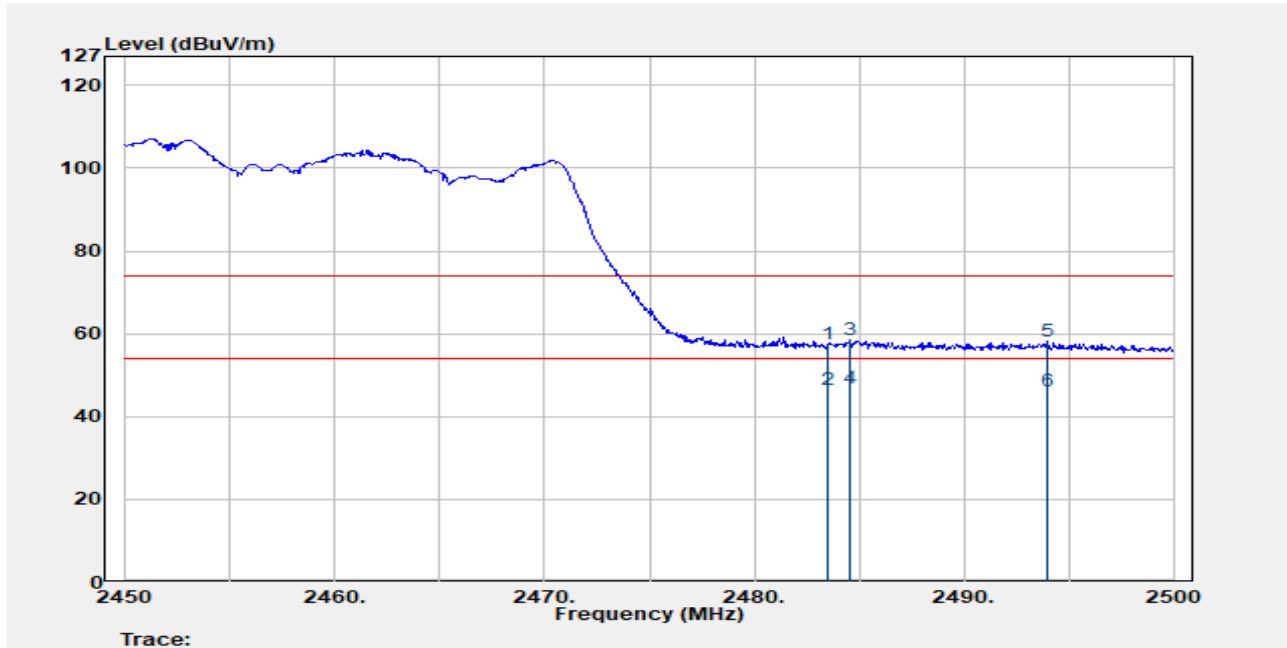
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax40 RU FULL
 Test Frequency :2452 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	61.73	-4.26	57.47	74.00	-16.53
2483.500	Average	50.89	-4.26	46.63	54.00	-7.37
2484.600	Peak	62.60	-4.25	58.35	74.00	-15.65
2484.600	Average	51.06	-4.25	46.81	54.00	-7.19
2493.950	Peak	62.22	-4.18	58.05	74.00	-15.95
2493.950	Average	50.39	-4.18	46.21	54.00	-7.79

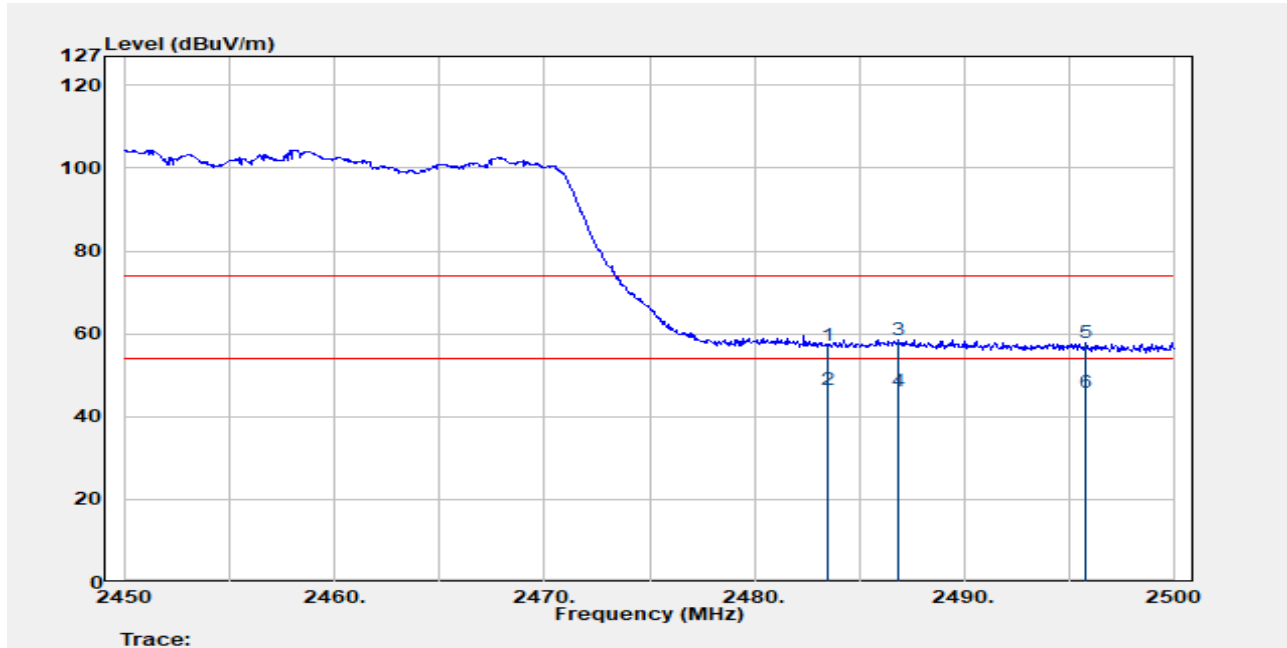
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax40 RU FULL
 Test Frequency :2452 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
2483.500	Peak	61.26	-4.26	57.00	74.00	-17.00
2483.500	Average	50.73	-4.26	46.47	54.00	-7.53
2486.850	Peak	62.79	-4.23	58.56	74.00	-15.44
2486.850	Average	50.37	-4.23	46.14	54.00	-7.86
2495.800	Peak	62.03	-4.16	57.86	74.00	-16.14
2495.800	Average	49.89	-4.16	45.73	54.00	-8.27

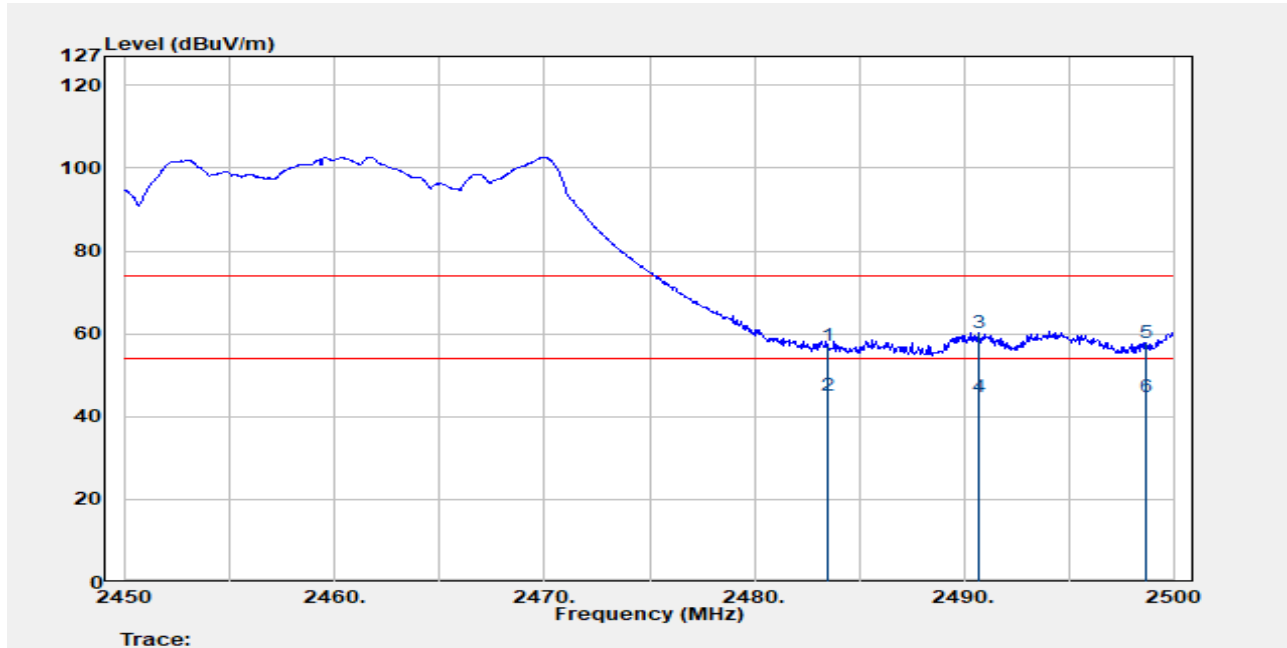
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax40 RU 242/62
 Test Frequency :2452 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.500	Peak	61.40	-4.26	57.14	74.00	-16.86
2483.500	Average	49.39	-4.26	45.13	54.00	-8.87
2490.700	Peak	64.38	-4.20	60.18	74.00	-13.82
2490.700	Average	49.07	-4.20	44.87	54.00	-9.13
2498.700	Peak	62.13	-4.14	57.99	74.00	-16.01
2498.700	Average	49.03	-4.14	44.89	54.00	-9.11

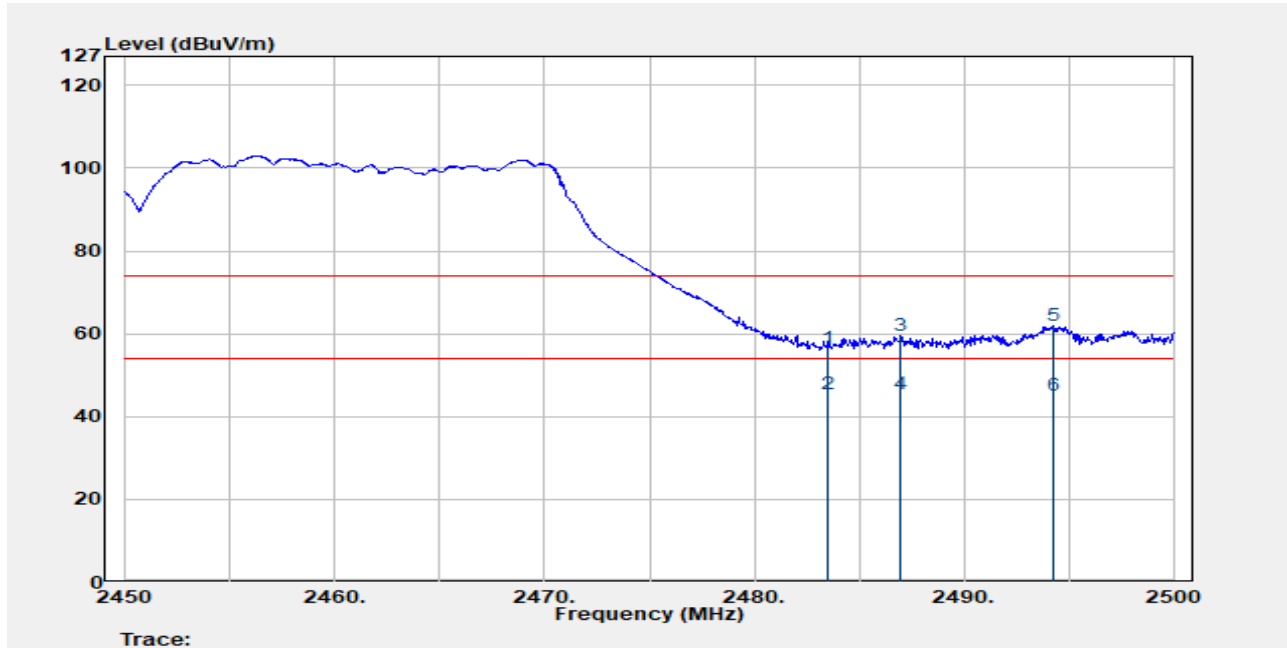
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax40 RU 242/62
 Test Frequency :2452 MHz
 Test Mode :Bandedge
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-07-21
 Temp./Humi. :25.9°C/55%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
2483.500	Peak	60.86	-4.26	56.60	74.00	-17.40
2483.500	Average	49.60	-4.26	45.34	54.00	-8.66
2487.000	Peak	63.63	-4.23	59.40	74.00	-14.60
2487.000	Average	49.50	-4.23	45.27	54.00	-8.73
2494.250	Peak	66.12	-4.17	61.94	74.00	-12.06
2494.250	Average	49.38	-4.17	45.21	54.00	-8.79

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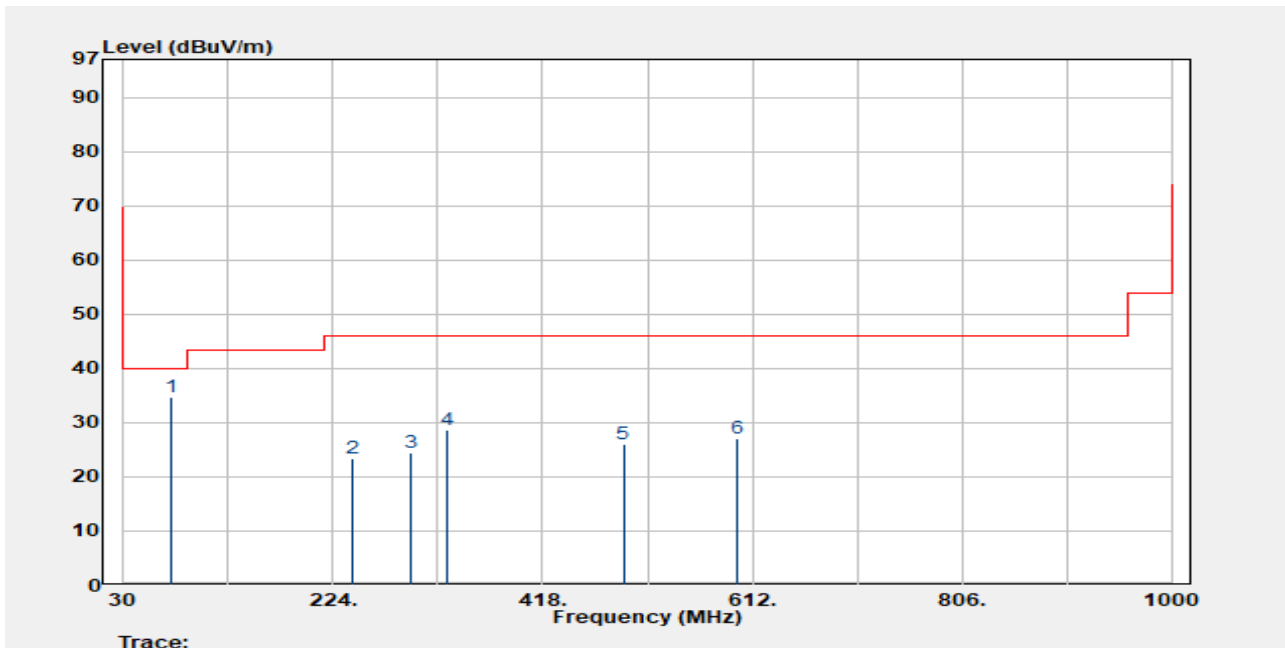
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9.6.2 Spurious Emission:

Report Number :TERF2304001049ER
 Operation Mode :802.11g
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-08-16
 Temp./Humi. :25.6°C/61%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
74.620	QP	50.48	-15.83	34.65	40.00	-5.35
241.460	Peak	37.35	-13.84	23.51	46.00	-22.49
295.780	Peak	36.74	-12.17	24.57	46.00	-21.43
329.730	Peak	39.84	-11.28	28.56	46.00	-17.44
492.690	Peak	33.54	-7.50	26.04	46.00	-19.96
598.420	Peak	31.67	-4.60	27.07	46.00	-18.93

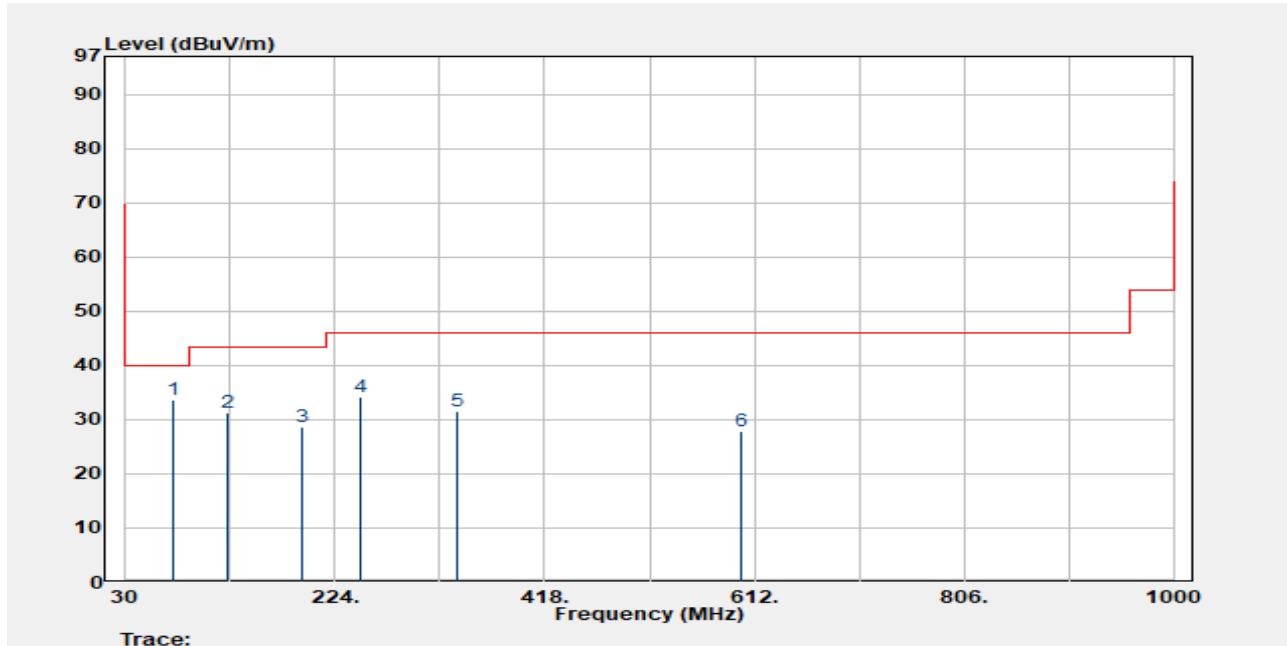
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Report Number :TERF2304001049ER
 Operation Mode :802.11g
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-08-16
 Temp./Humi. :25.6°C/61%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
74.620	Peak	49.54	-15.83	33.70	40.00	-6.30
125.060	Peak	45.78	-14.63	31.15	43.50	-12.35
193.930	Peak	44.45	-15.70	28.75	43.50	-14.75
248.250	Peak	47.72	-13.63	34.09	46.00	-11.91
337.490	Peak	42.66	-11.01	31.65	46.00	-14.35
600.360	Peak	32.26	-4.38	27.87	46.00	-18.13

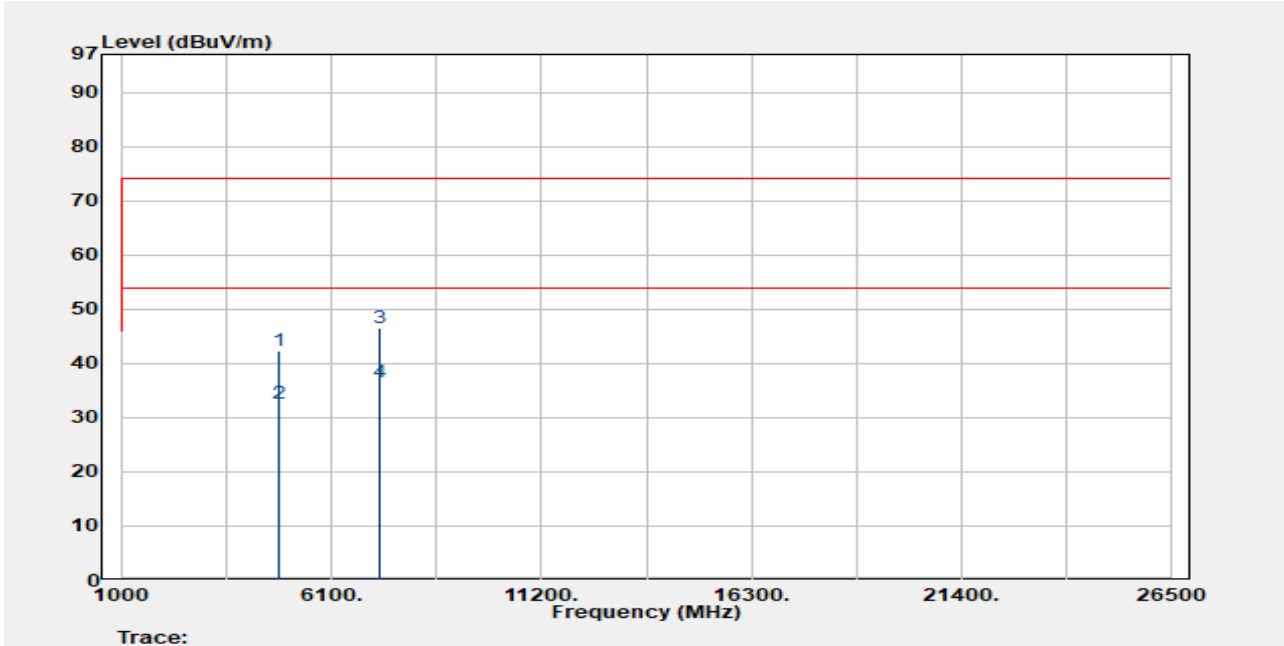
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Report Number :TERF2304001049ER
 Operation Mode :802.11b
 Test Frequency :2412 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-08-16
 Temp./Humi. :25.6°C/61%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4824.000	Peak	40.10	2.23	42.34	74.00	-31.66
4824.000	Average	30.29	2.23	32.52	54.00	-21.48
7236.000	Peak	39.54	7.09	46.63	74.00	-27.37
7236.000	Average	29.36	7.09	36.45	54.00	-17.55

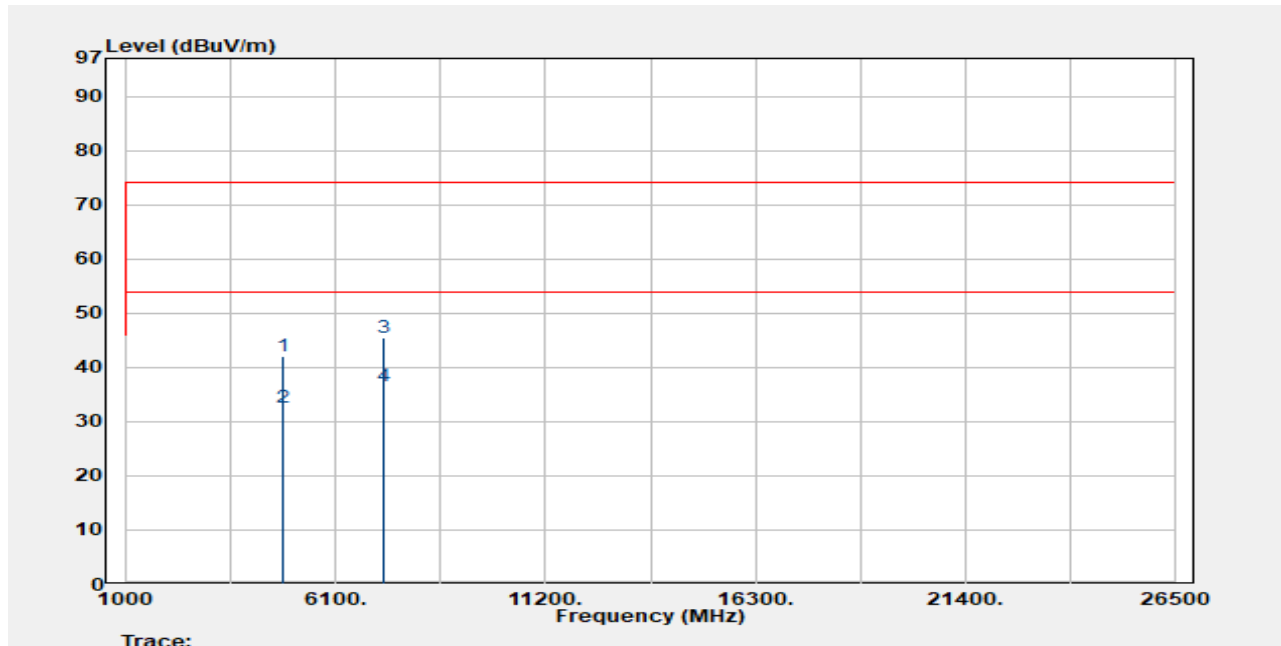
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Report Number :TERF2304001049ER
 Operation Mode :802.11b
 Test Frequency :2412 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-08-16
 Temp./Humi. :25.6°C/61%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4824.000	Peak	39.77	2.23	42.00	74.00	-32.00
4824.000	Average	30.26	2.23	32.49	54.00	-21.51
7236.000	Peak	38.49	7.09	45.57	74.00	-28.43
7236.000	Average	29.33	7.09	36.42	54.00	-17.58

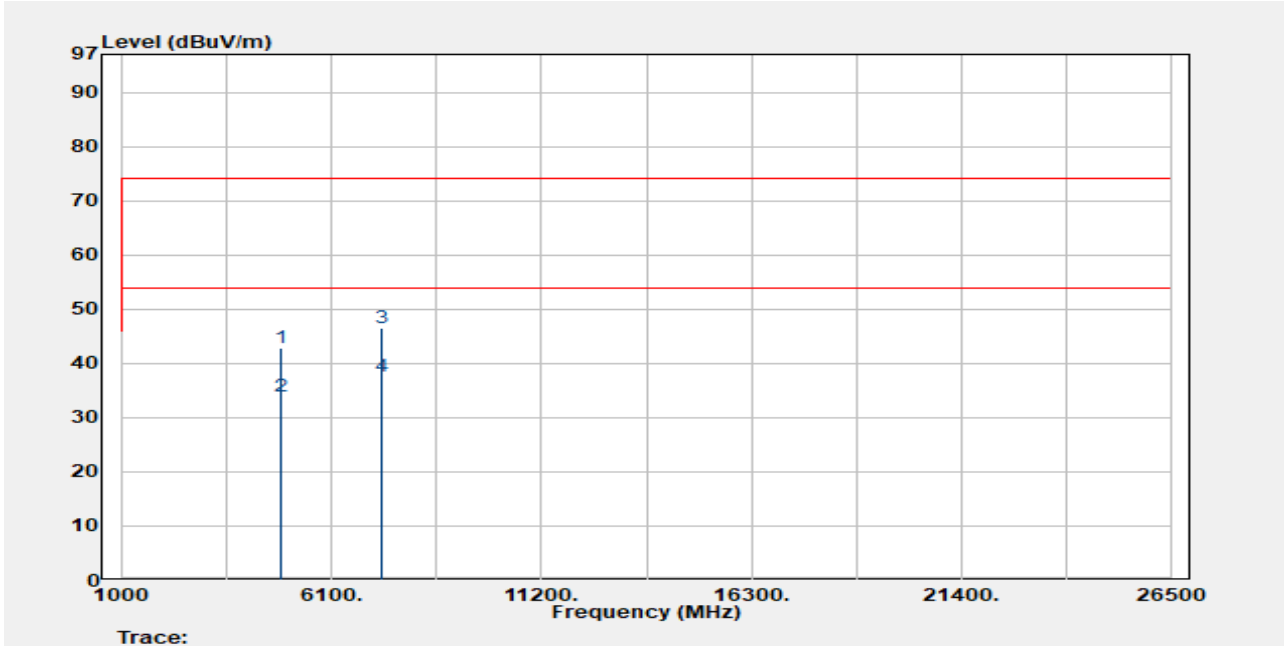
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Report Number :TERF2304001049ER
 Operation Mode :802.11b
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-08-16
 Temp./Humi. :25.6°C/61%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
4874.000	Peak	40.35	2.59	42.95	74.00	-31.05
4874.000	Average	31.25	2.59	33.84	54.00	-20.16
7311.000	Peak	38.92	7.67	46.59	74.00	-27.41
7311.000	Average	29.83	7.67	37.50	54.00	-16.50

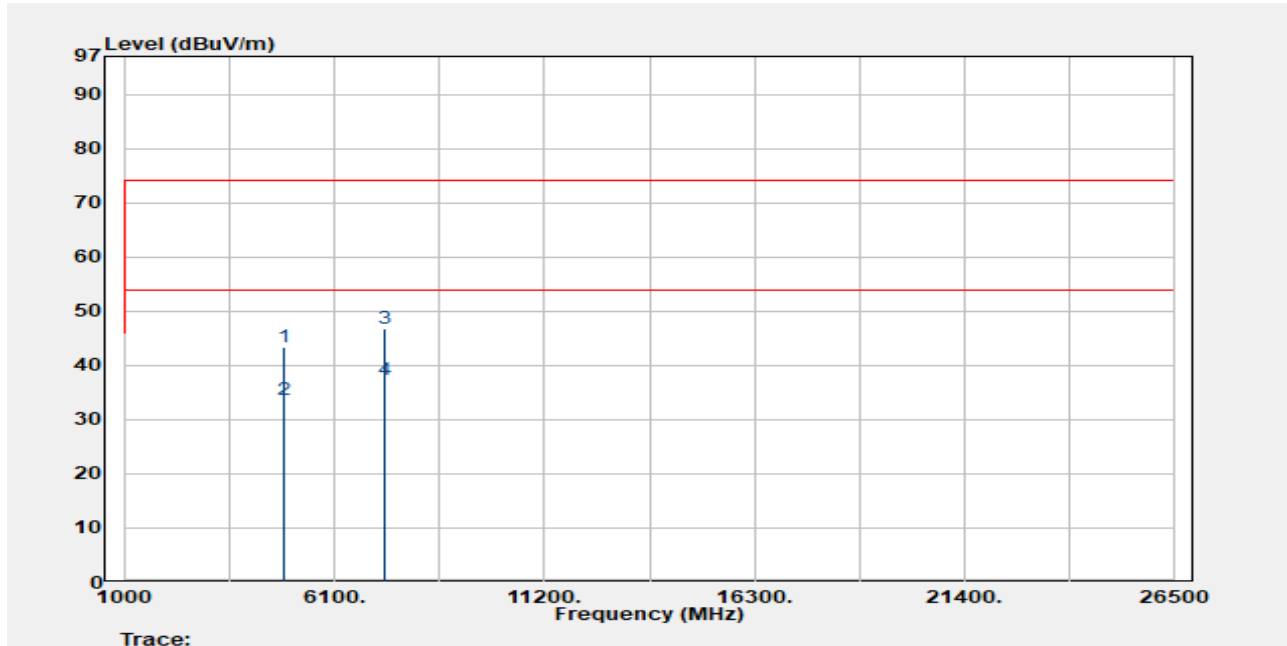
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Report Number :TERF2304001049ER
 Operation Mode :802.11b
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-08-16
 Temp./Humi. :25.6°C/61%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4874.000	Peak	40.72	2.59	43.31	74.00	-30.69
4874.000	Average	31.18	2.59	33.77	54.00	-20.23
7311.000	Peak	39.14	7.67	46.81	74.00	-27.19
7311.000	Average	29.78	7.67	37.45	54.00	-16.55

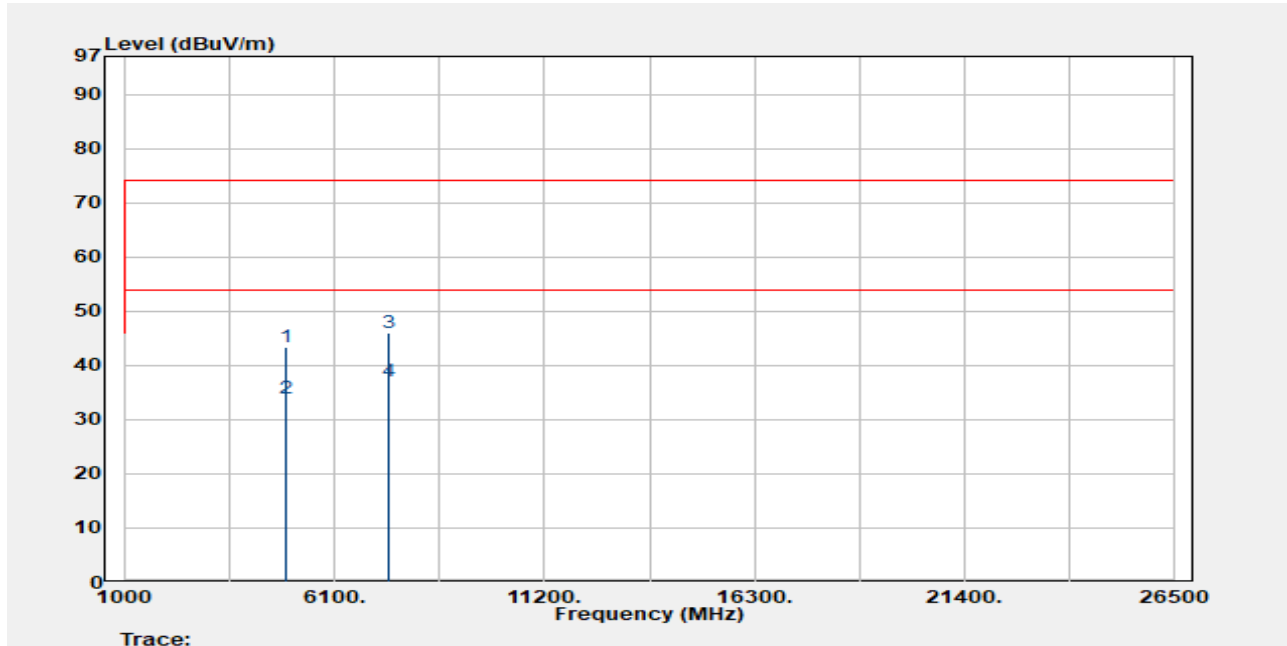
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Report Number :TERF2304001049ER
 Operation Mode :802.11b
 Test Frequency :2462 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-08-16
 Temp./Humi. :25.6°C/61%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4924.000	Peak	40.55	2.83	43.38	74.00	-30.62
4924.000	Average	31.17	2.83	34.00	54.00	-20.00
7386.000	Peak	38.78	7.19	45.97	74.00	-28.03
7386.000	Average	29.96	7.19	37.15	54.00	-16.85

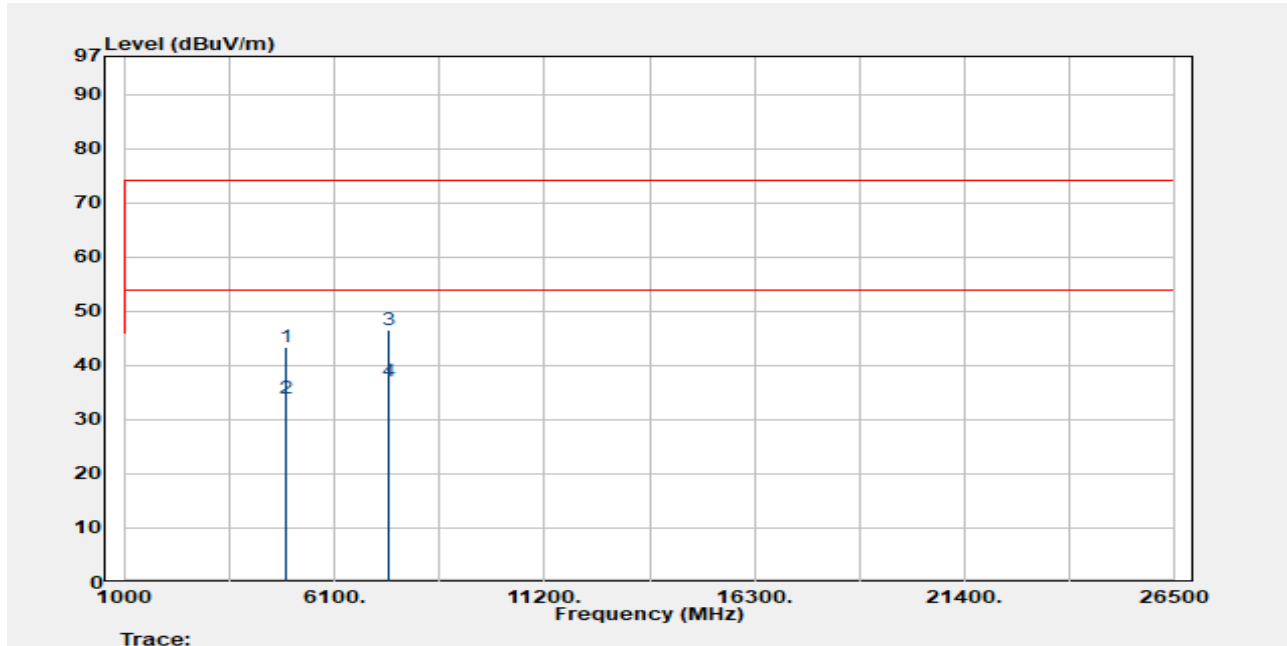
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Report Number :TERF2304001049ER
 Operation Mode :802.11b
 Test Frequency :2462 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-08-16
 Temp./Humi. :25.6°C/61%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4924.000	Peak	40.59	2.83	43.42	74.00	-30.58
4924.000	Average	31.19	2.83	34.02	54.00	-19.98
7386.000	Peak	39.25	7.19	46.44	74.00	-27.56
7386.000	Average	29.98	7.19	37.17	54.00	-16.83

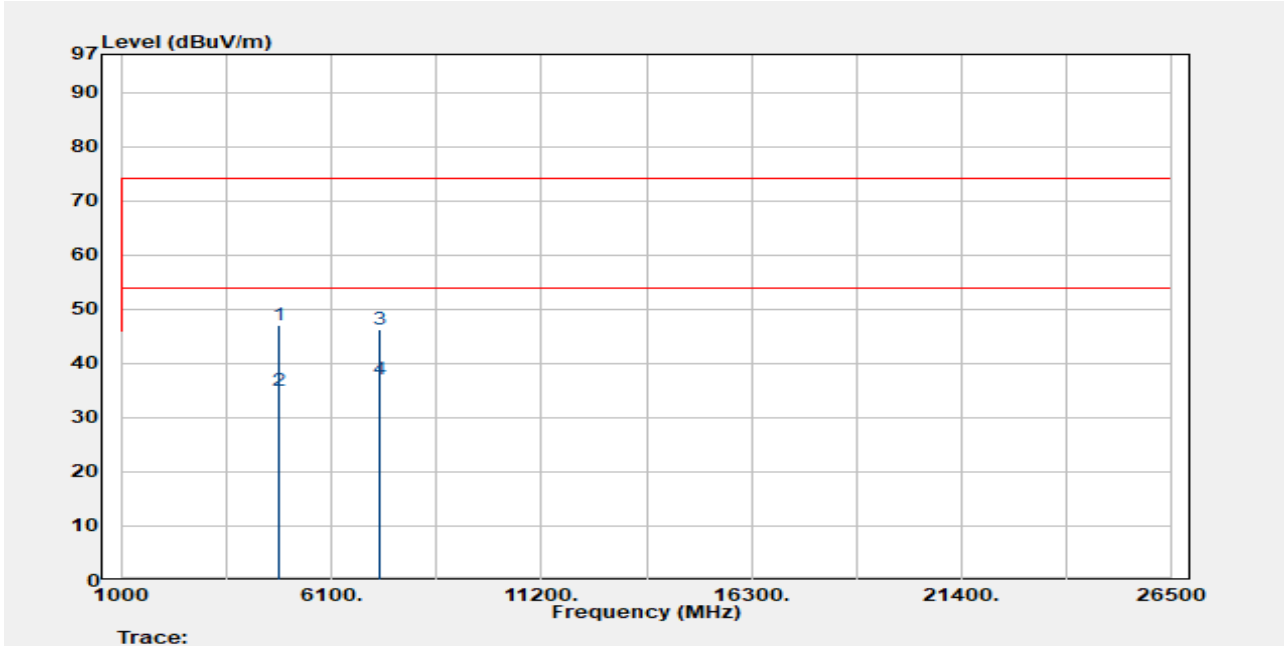
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Report Number :TERF2304001049ER
 Operation Mode :802.11g
 Test Frequency :2412 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-08-16
 Temp./Humi. :25.6°C/61%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4824.000	Peak	44.76	2.23	46.99	74.00	-27.01
4824.000	Average	32.82	2.23	35.05	54.00	-18.95
7236.000	Peak	39.17	7.09	46.26	74.00	-27.74
7236.000	Average	30.02	7.09	37.11	54.00	-16.89

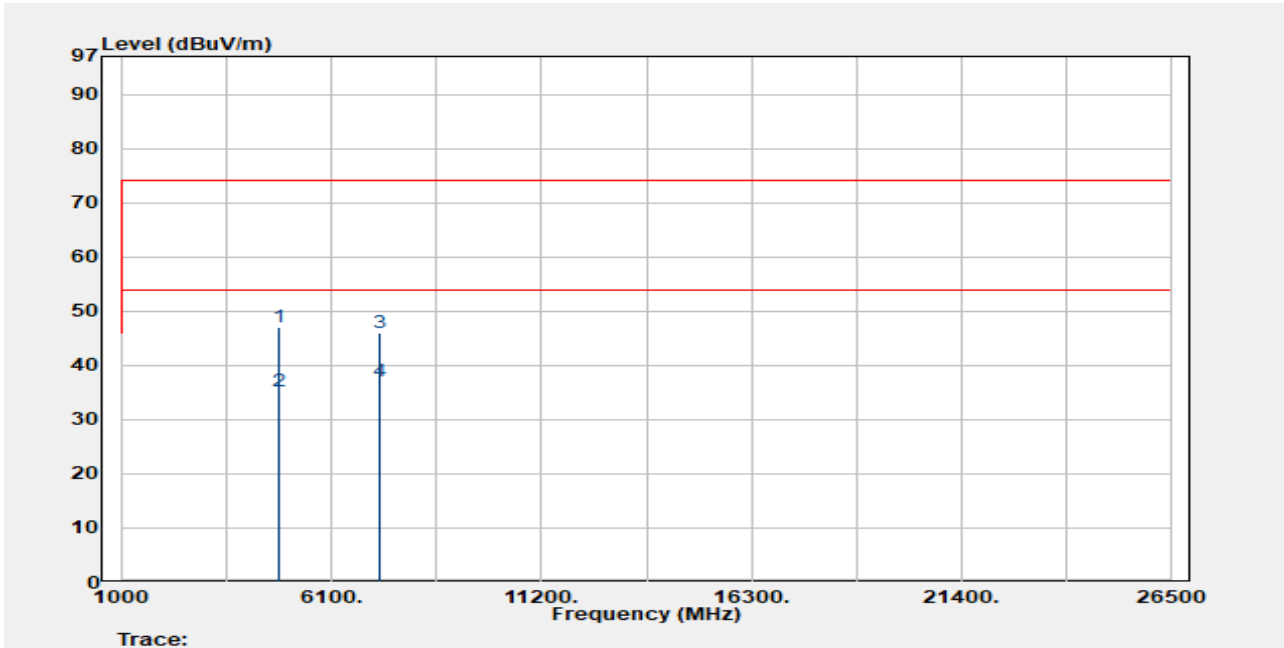
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Report Number :TERF2304001049ER
 Operation Mode :802.11g
 Test Frequency :2412 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-08-16
 Temp./Humi. :25.6°C/61%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4824.000	Peak	44.91	2.23	47.14	74.00	-26.86
4824.000	Average	33.05	2.23	35.28	54.00	-18.72
7236.000	Peak	38.94	7.09	46.02	74.00	-27.98
7236.000	Average	29.95	7.09	37.04	54.00	-16.96

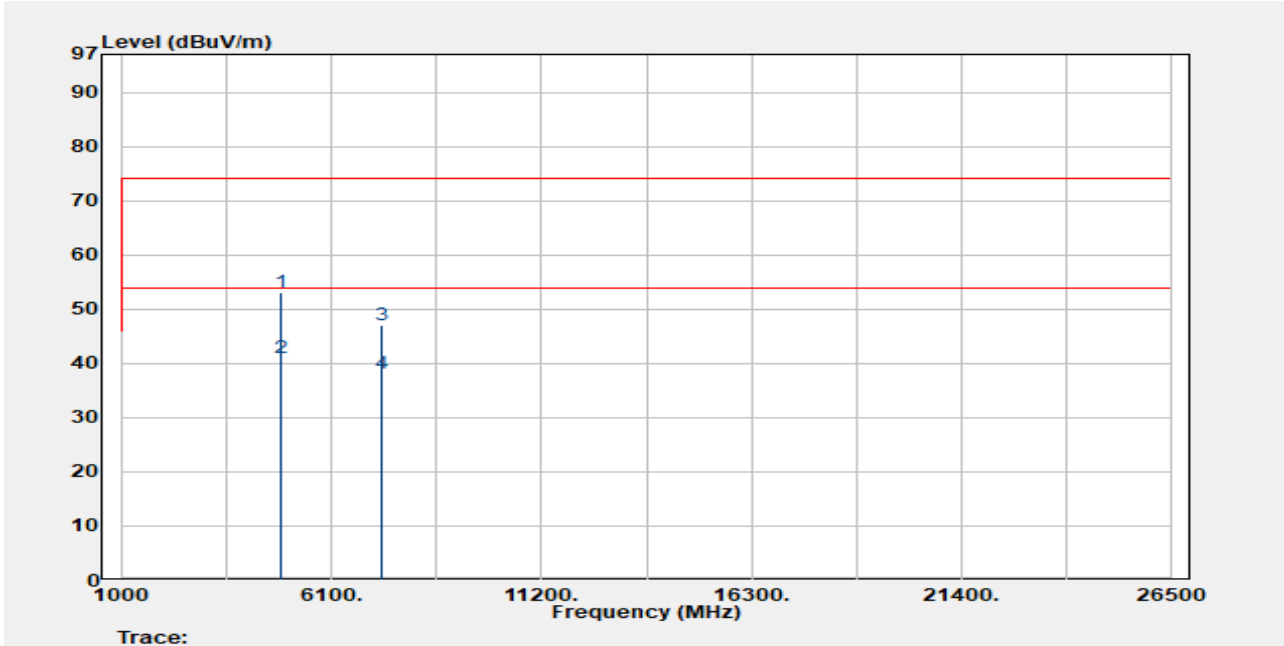
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Report Number :TERF2304001049ER
 Operation Mode :802.11g
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-08-16
 Temp./Humi. :25.6°C/61%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4874.000	Peak	50.46	2.59	53.05	74.00	-20.95
4874.000	Average	38.52	2.59	41.11	54.00	-12.89
7311.000	Peak	39.44	7.67	47.11	74.00	-26.89
7311.000	Average	30.56	7.67	38.23	54.00	-15.77

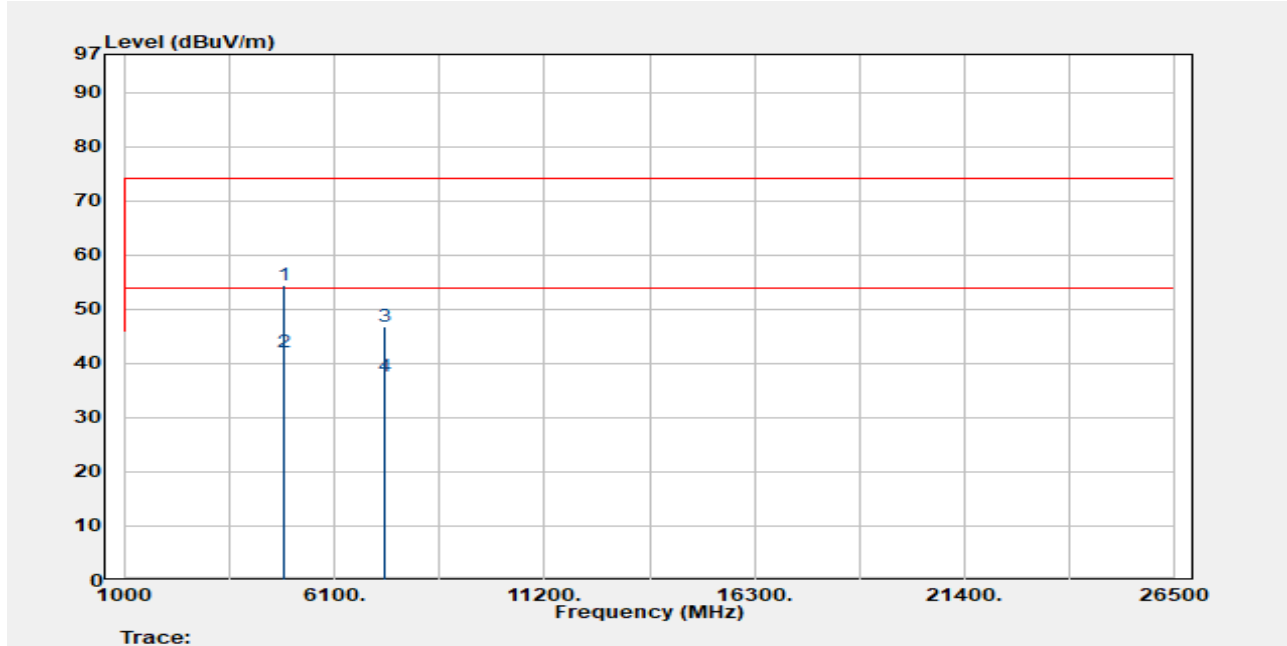
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Report Number :TERF2304001049ER
 Operation Mode :802.11g
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-08-16
 Temp./Humi. :25.6°C/61%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
4874.000	Peak	51.77	2.59	54.36	74.00	-19.64
4874.000	Average	39.38	2.59	41.97	54.00	-12.03
7311.000	Peak	39.03	7.67	46.70	74.00	-27.30
7311.000	Average	29.91	7.67	37.58	54.00	-16.42

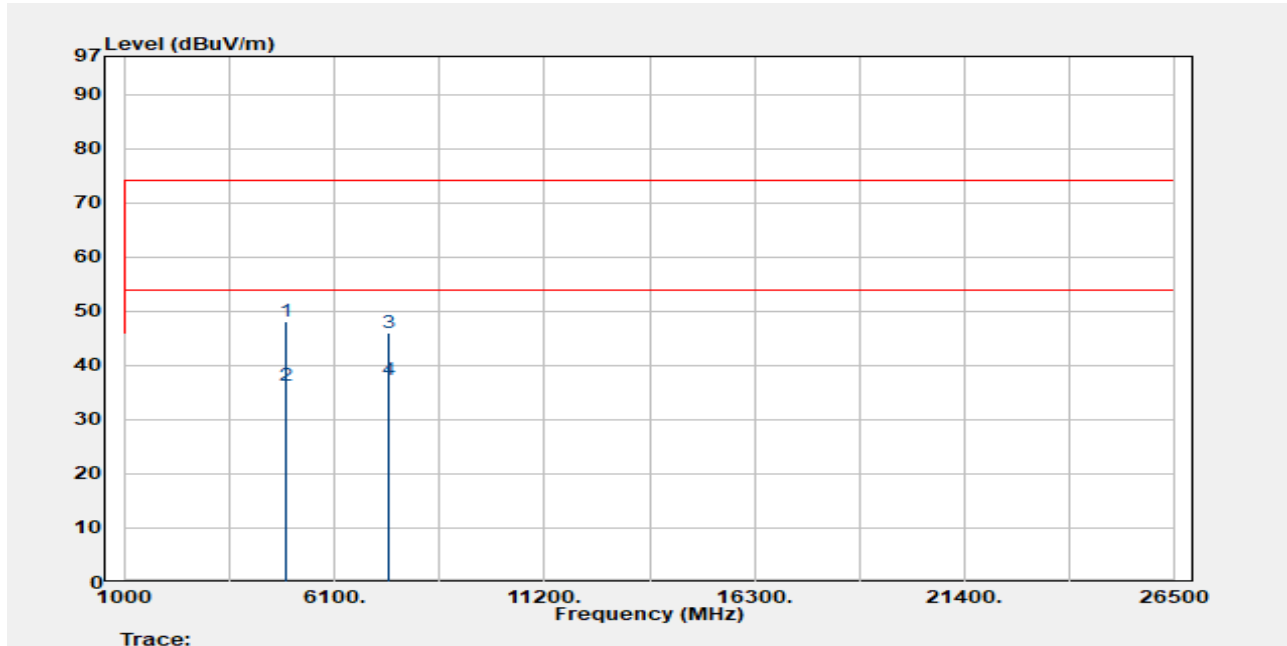
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Report Number :TERF2304001049ER
 Operation Mode :802.11g
 Test Frequency :2462 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-08-16
 Temp./Humi. :25.6°C/61%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4924.000	Peak	45.24	2.83	48.07	74.00	-25.93
4924.000	Average	33.36	2.83	36.19	54.00	-17.81
7386.000	Peak	38.88	7.19	46.07	74.00	-27.93
7386.000	Average	30.01	7.19	37.20	54.00	-16.80

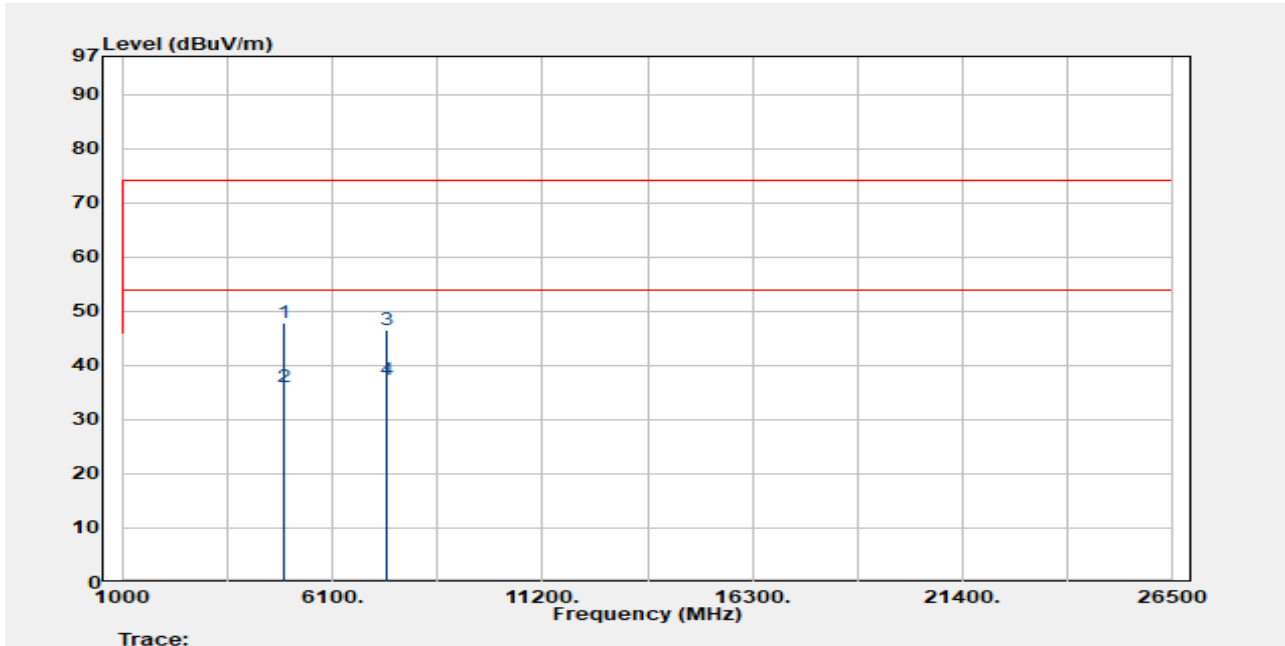
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Report Number :TERF2304001049ER
 Operation Mode :802.11g
 Test Frequency :2462 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-08-16
 Temp./Humi. :25.6°C/61%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4924.000	Peak	45.12	2.83	47.95	74.00	-26.05
4924.000	Average	33.26	2.83	36.09	54.00	-17.91
7386.000	Peak	39.27	7.19	46.47	74.00	-27.53
7386.000	Average	30.05	7.19	37.24	54.00	-16.76

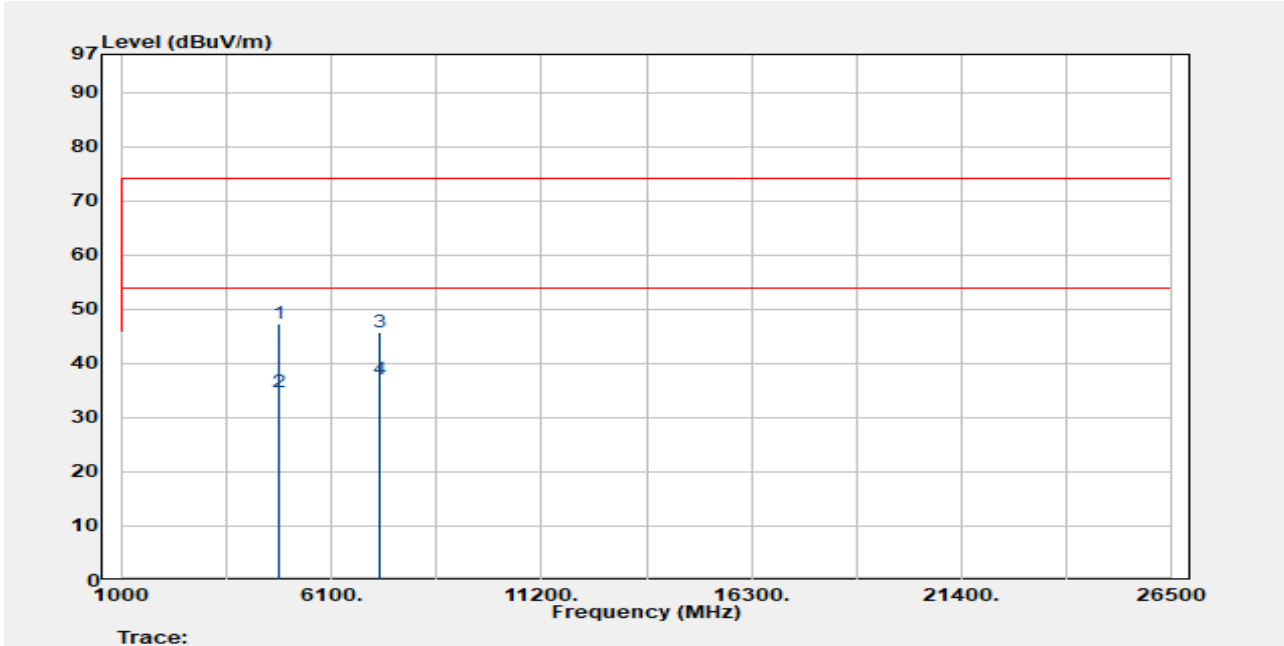
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Report Number :TERF2304001049ER
 Operation Mode :802.11n20
 Test Frequency :2412 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-08-16
 Temp./Humi. :25.6°C/61%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4824.000	Peak	45.03	2.23	47.26	74.00	-26.74
4824.000	Average	32.55	2.23	34.78	54.00	-19.22
7236.000	Peak	38.76	7.09	45.85	74.00	-28.15
7236.000	Average	29.96	7.09	37.05	54.00	-16.95

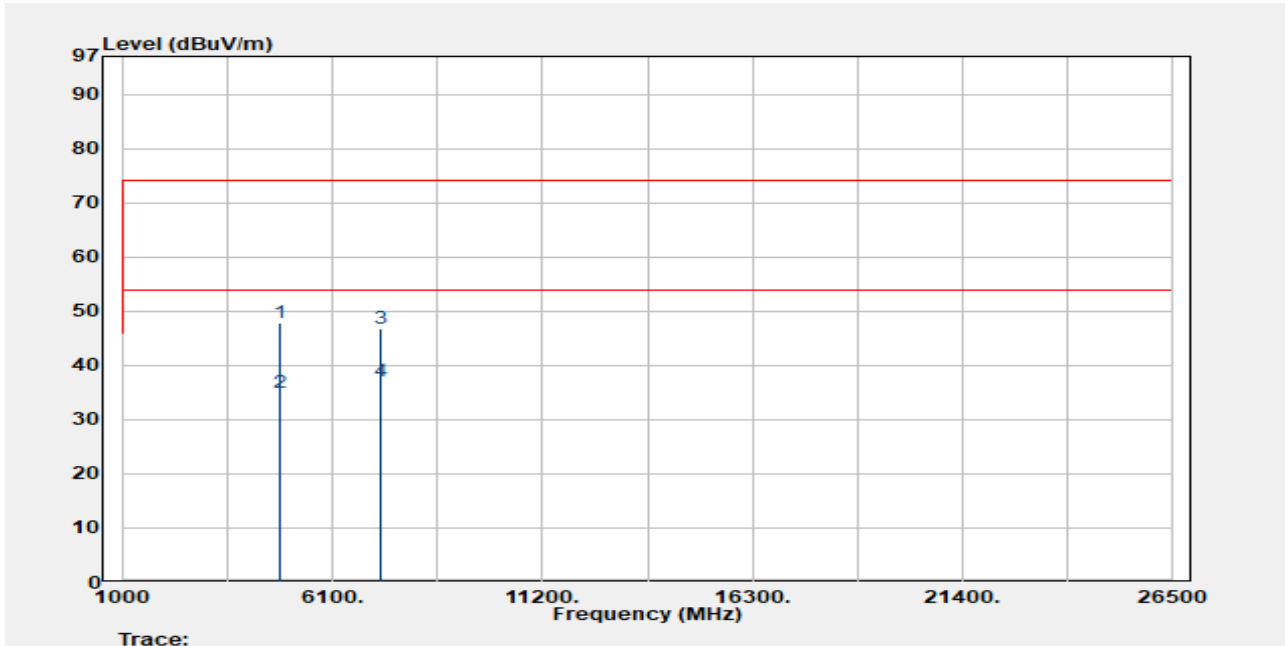
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Report Number :TERF2304001049ER
 Operation Mode :802.11n20
 Test Frequency :2412 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-08-16
 Temp./Humi. :25.6°C/61%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4824.000	Peak	45.50	2.23	47.73	74.00	-26.27
4824.000	Average	32.76	2.23	34.99	54.00	-19.01
7236.000	Peak	39.63	7.09	46.72	74.00	-27.28
7236.000	Average	30.01	7.09	37.10	54.00	-16.90

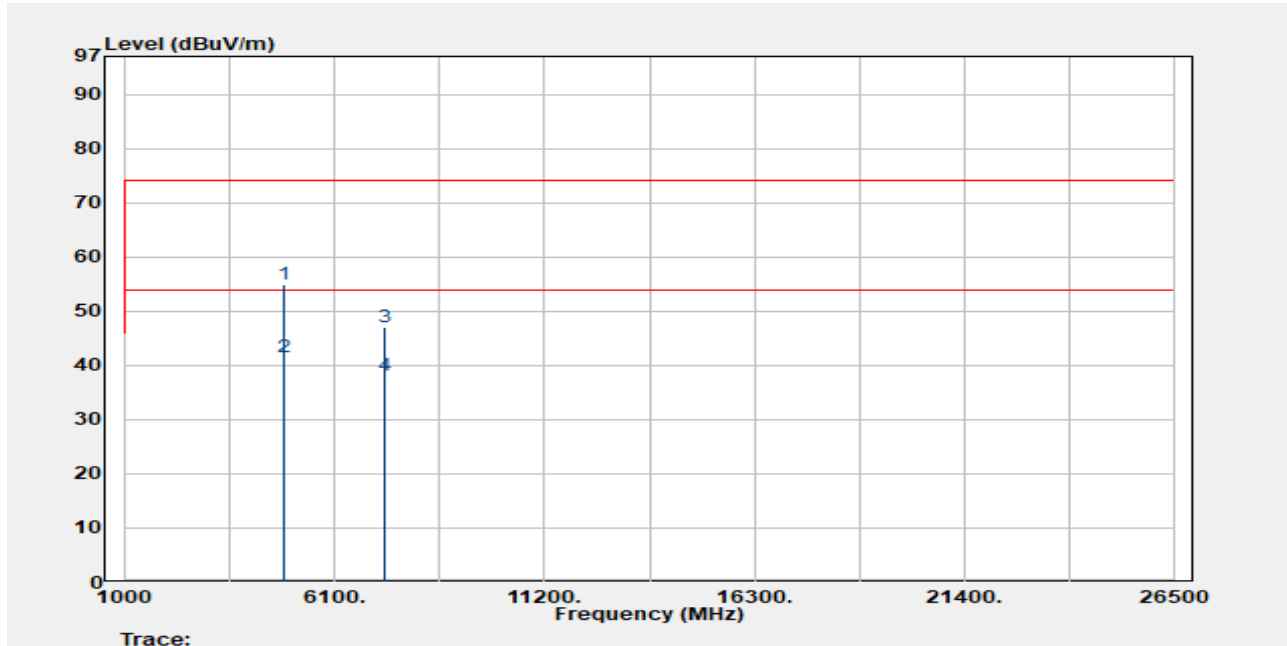
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Report Number :TERF2304001049ER
 Operation Mode :802.11n20
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-08-16
 Temp./Humi. :25.6°C/61%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
4874.000	Peak	52.43	2.59	55.02	74.00	-18.98
4874.000	Average	39.06	2.59	41.65	54.00	-12.35
7311.000	Peak	39.26	7.67	46.93	74.00	-27.07
7311.000	Average	30.35	7.67	38.02	54.00	-15.98

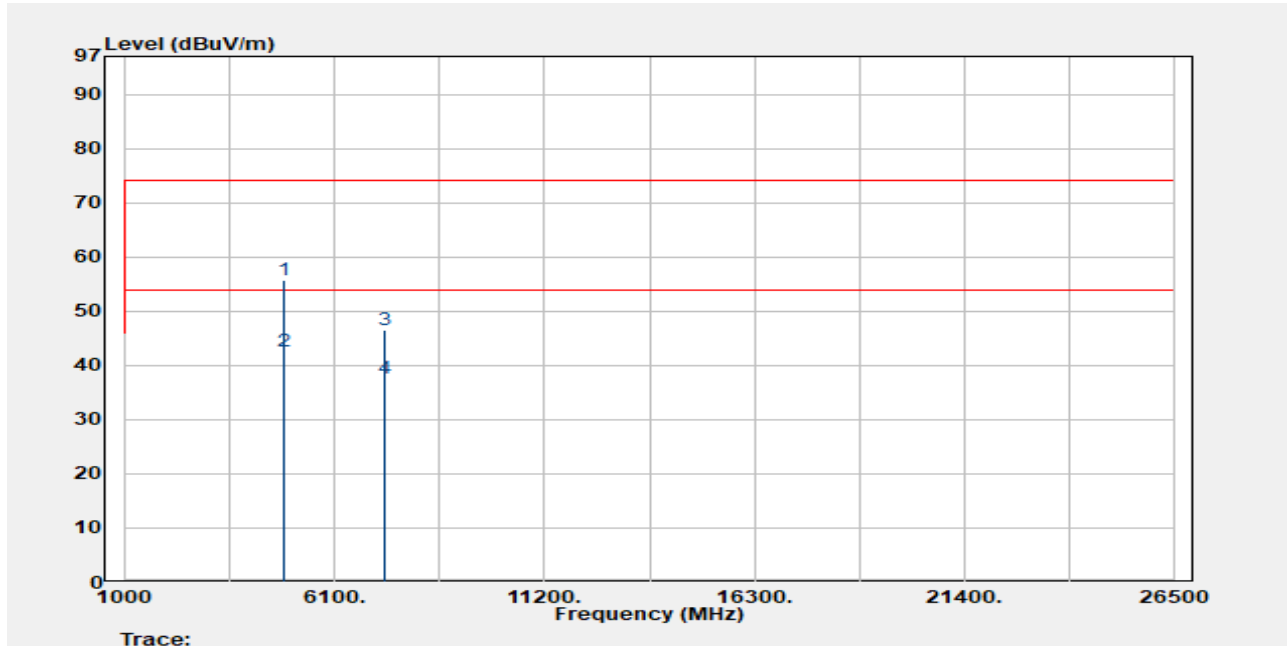
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Report Number :TERF2304001049ER
 Operation Mode :802.11n20
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-08-16
 Temp./Humi. :25.6°C/61%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4874.000	Peak	53.14	2.59	55.73	74.00	-18.27
4874.000	Average	40.02	2.59	42.61	54.00	-11.39
7311.000	Peak	38.76	7.67	46.43	74.00	-27.57
7311.000	Average	29.90	7.67	37.57	54.00	-16.43

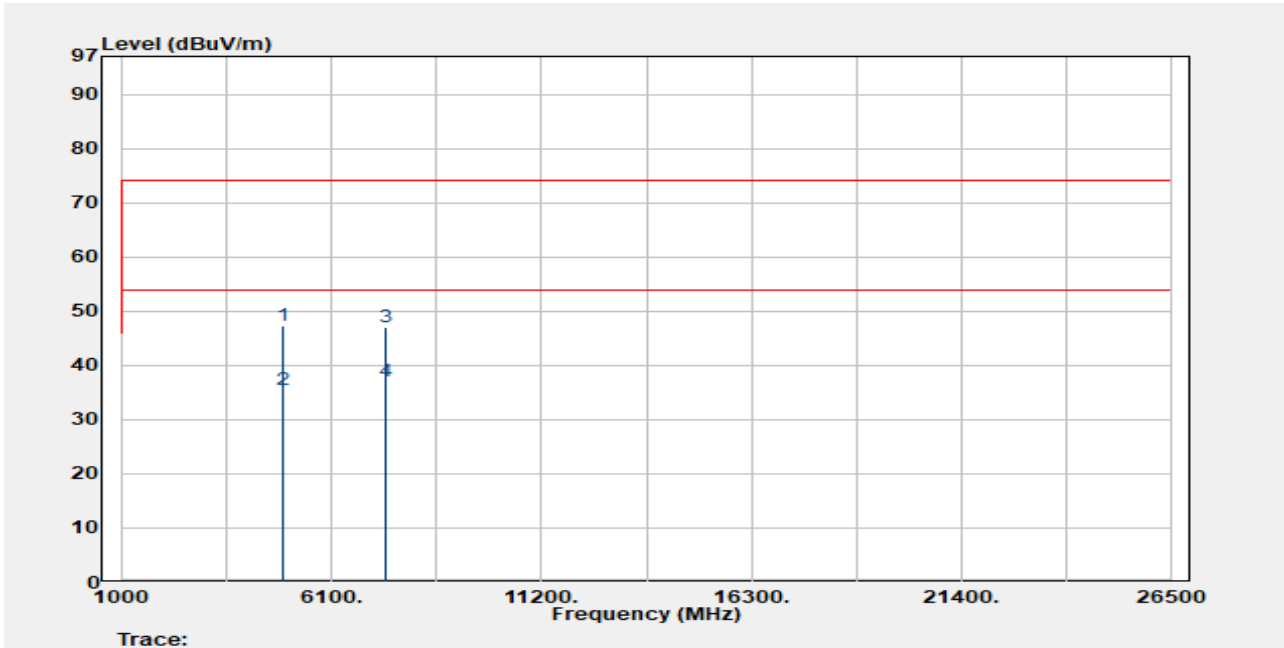
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Report Number :TERF2304001049ER
 Operation Mode :802.11n20
 Test Frequency :2462 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-08-16
 Temp./Humi. :25.6°C/61%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4924.000	Peak	44.59	2.83	47.42	74.00	-26.58
4924.000	Average	32.63	2.83	35.46	54.00	-18.54
7386.000	Peak	39.94	7.19	47.14	74.00	-26.86
7386.000	Average	29.95	7.19	37.14	54.00	-16.86

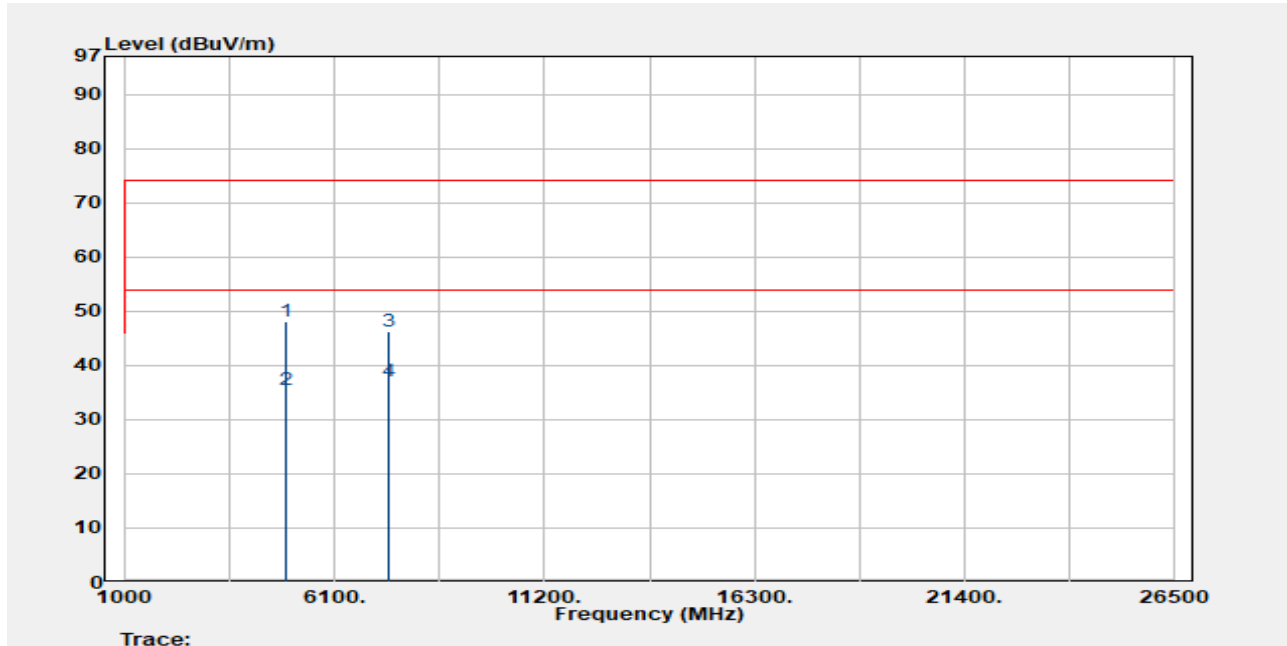
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Report Number :TERF2304001049ER
 Operation Mode :802.11n20
 Test Frequency :2462 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-08-16
 Temp./Humi. :25.6°C/61%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4924.000	Peak	45.30	2.83	48.13	74.00	-25.87
4924.000	Average	32.65	2.83	35.48	54.00	-18.52
7386.000	Peak	39.05	7.19	46.24	74.00	-27.76
7386.000	Average	29.96	7.19	37.15	54.00	-16.85

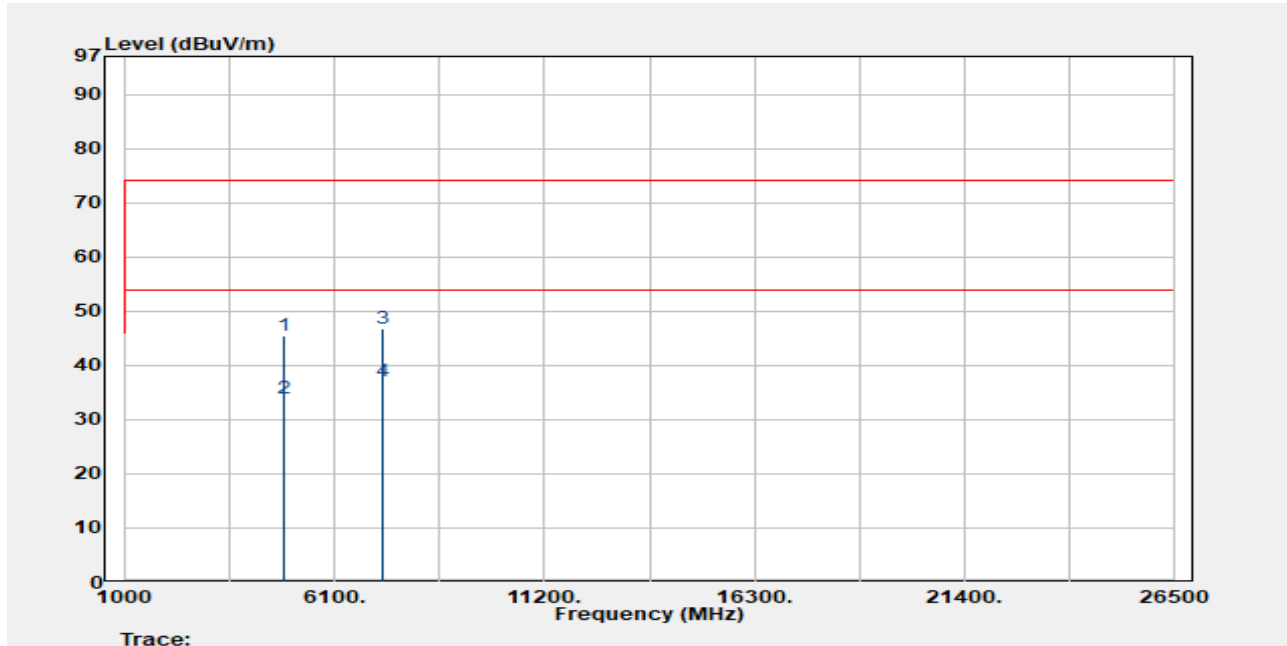
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Report Number :TERF2304001049ER
 Operation Mode :802.11n40
 Test Frequency :2422 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-08-16
 Temp./Humi. :25.6°C/61%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4844.000	Peak	43.23	2.37	45.60	74.00	-28.40
4844.000	Average	31.46	2.37	33.83	54.00	-20.17
7266.000	Peak	39.64	7.12	46.76	74.00	-27.24
7266.000	Average	30.04	7.12	37.16	54.00	-16.84

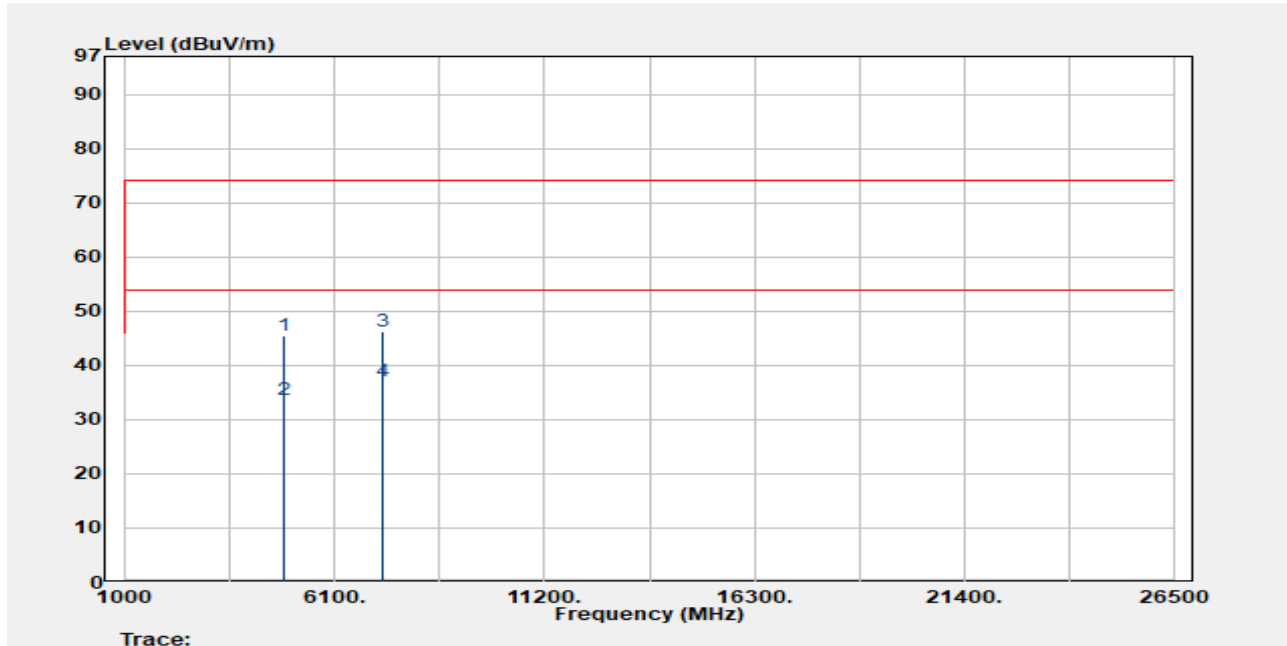
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Report Number :TERF2304001049ER
 Operation Mode :802.11n40
 Test Frequency :2422 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-08-16
 Temp./Humi. :25.6°C/61%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4844.000	Peak	43.04	2.37	45.41	74.00	-28.59
4844.000	Average	31.23	2.37	33.60	54.00	-20.40
7266.000	Peak	39.22	7.12	46.34	74.00	-27.66
7266.000	Average	30.04	7.12	37.16	54.00	-16.84

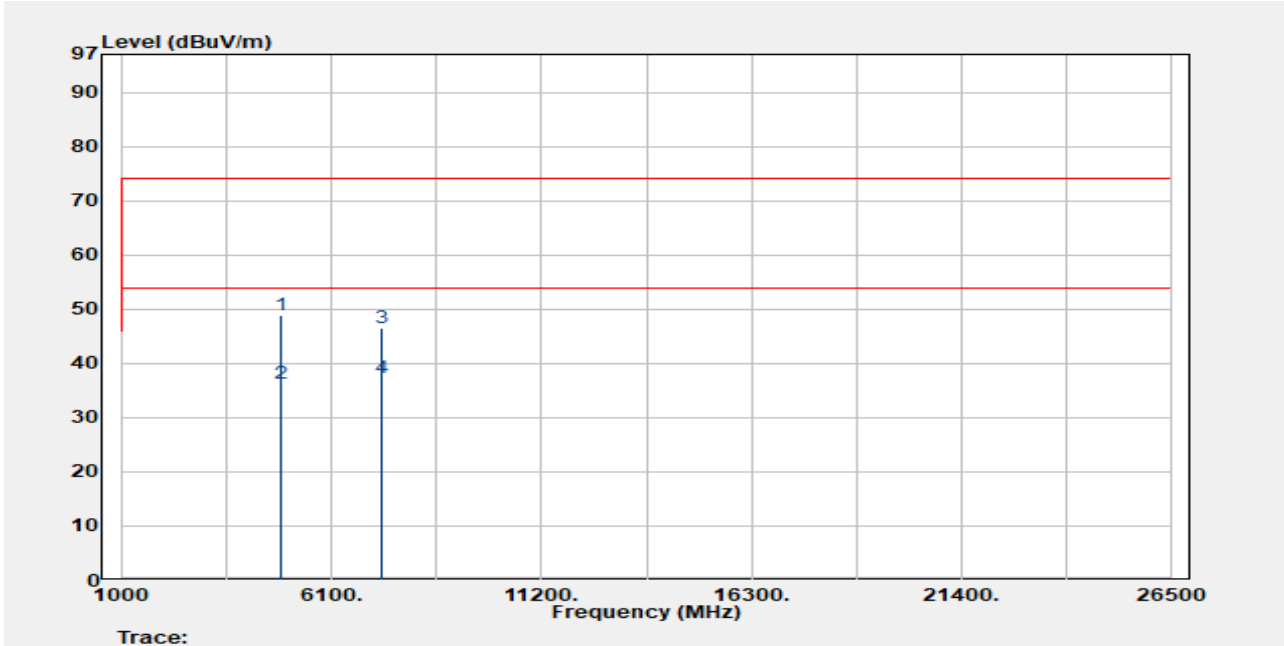
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Report Number :TERF2304001049ER
 Operation Mode :802.11n40
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-08-16
 Temp./Humi. :25.6°C/61%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4874.000	Peak	46.19	2.59	48.78	74.00	-25.22
4874.000	Average	33.65	2.59	36.24	54.00	-17.76
7311.000	Peak	38.76	7.67	46.43	74.00	-27.57
7311.000	Average	29.73	7.67	37.40	54.00	-16.60

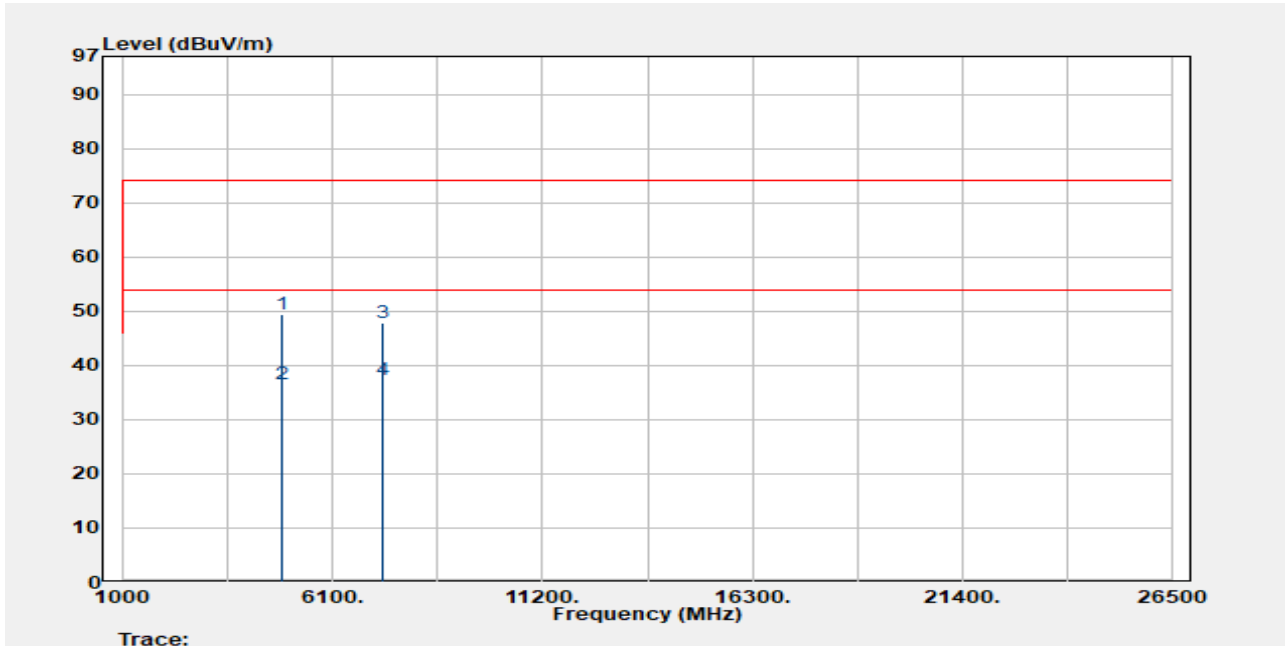
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Report Number :TERF2304001049ER
 Operation Mode :802.11n40
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-08-16
 Temp./Humi. :25.6°C/61%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4874.000	Peak	46.73	2.59	49.32	74.00	-24.68
4874.000	Average	33.98	2.59	36.57	54.00	-17.43
7311.000	Peak	40.17	7.67	47.84	74.00	-26.16
7311.000	Average	29.76	7.67	37.43	54.00	-16.57

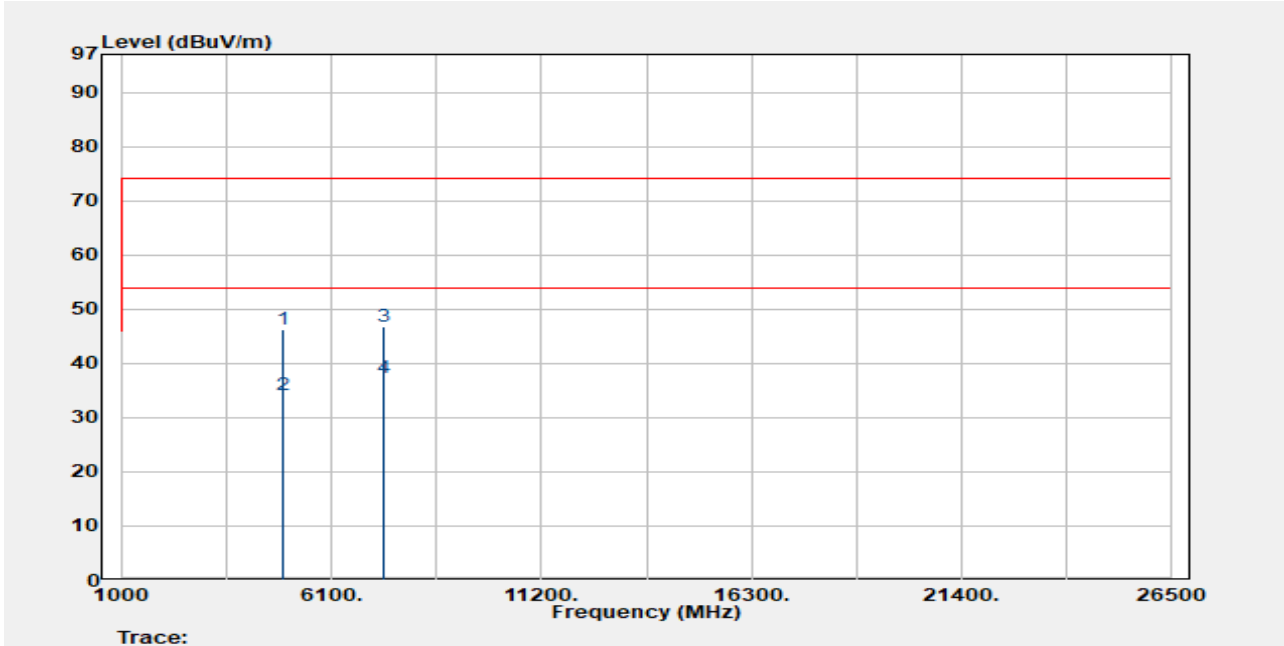
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Report Number :TERF2304001049ER
 Operation Mode :802.11n40
 Test Frequency :2452 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-08-16
 Temp./Humi. :25.6°C/61%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
4904.000	Peak	43.39	2.80	46.19	74.00	-27.81
4904.000	Average	31.32	2.80	34.12	54.00	-19.88
7356.000	Peak	39.09	7.68	46.77	74.00	-27.23
7356.000	Average	29.61	7.68	37.29	54.00	-16.71

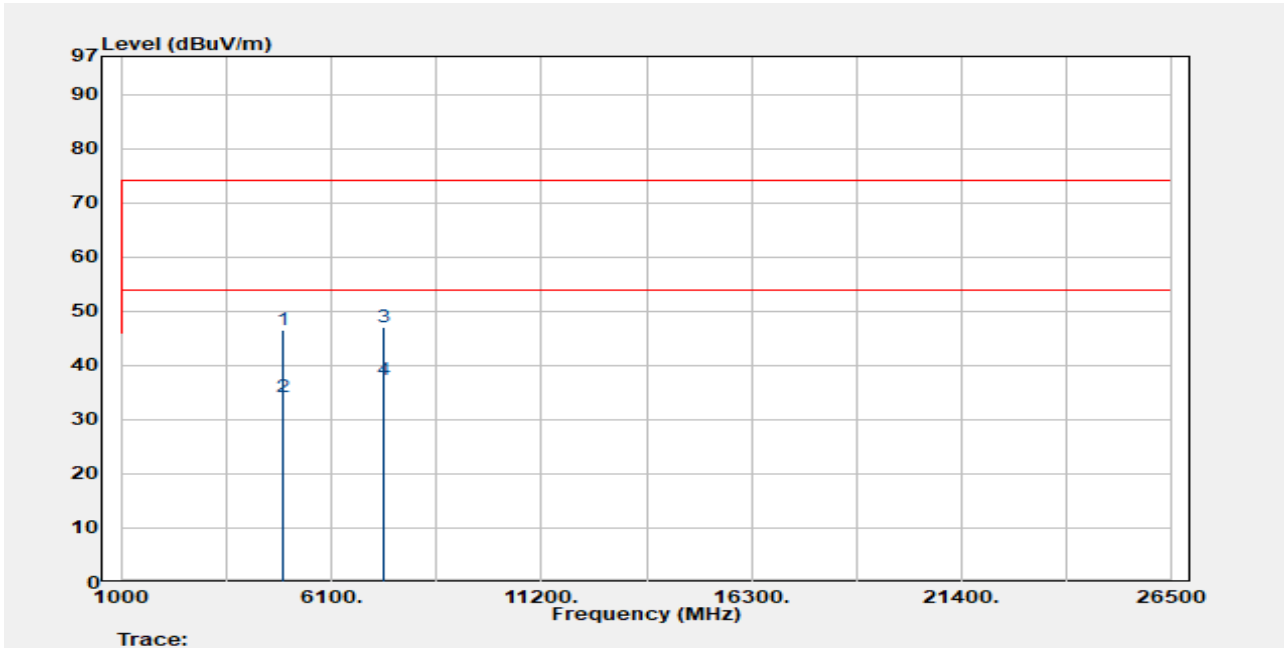
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Report Number :TERF2304001049ER
 Operation Mode :802.11n40
 Test Frequency :2452 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-08-16
 Temp./Humi. :25.6°C/61%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4904.000	Peak	43.62	2.80	46.42	74.00	-27.58
4904.000	Average	31.36	2.80	34.16	54.00	-19.84
7356.000	Peak	39.38	7.68	47.06	74.00	-26.94
7356.000	Average	29.66	7.68	37.34	54.00	-16.66

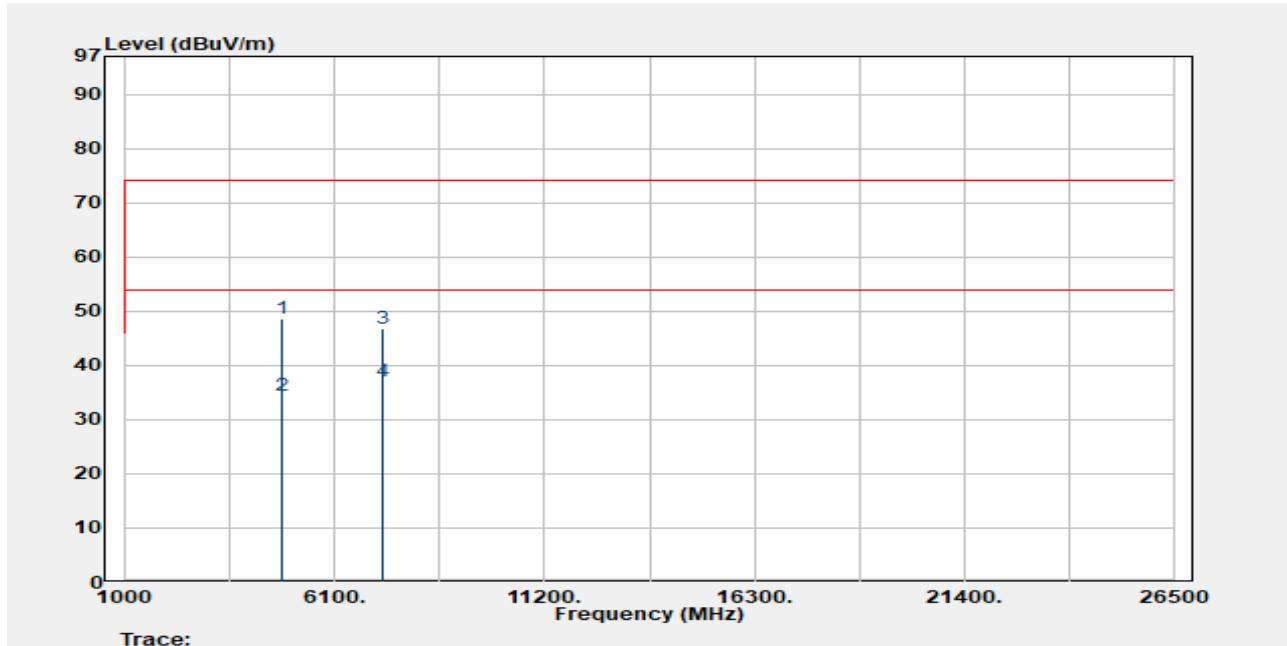
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU FULL
 Test Frequency :2412 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-08-16
 Temp./Humi. :25.6°C/61%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4824.000	Peak	46.30	2.23	48.53	74.00	-25.47
4824.000	Average	32.10	2.23	34.33	54.00	-19.67
7236.000	Peak	39.65	7.09	46.74	74.00	-27.26
7236.000	Average	30.03	7.09	37.12	54.00	-16.88

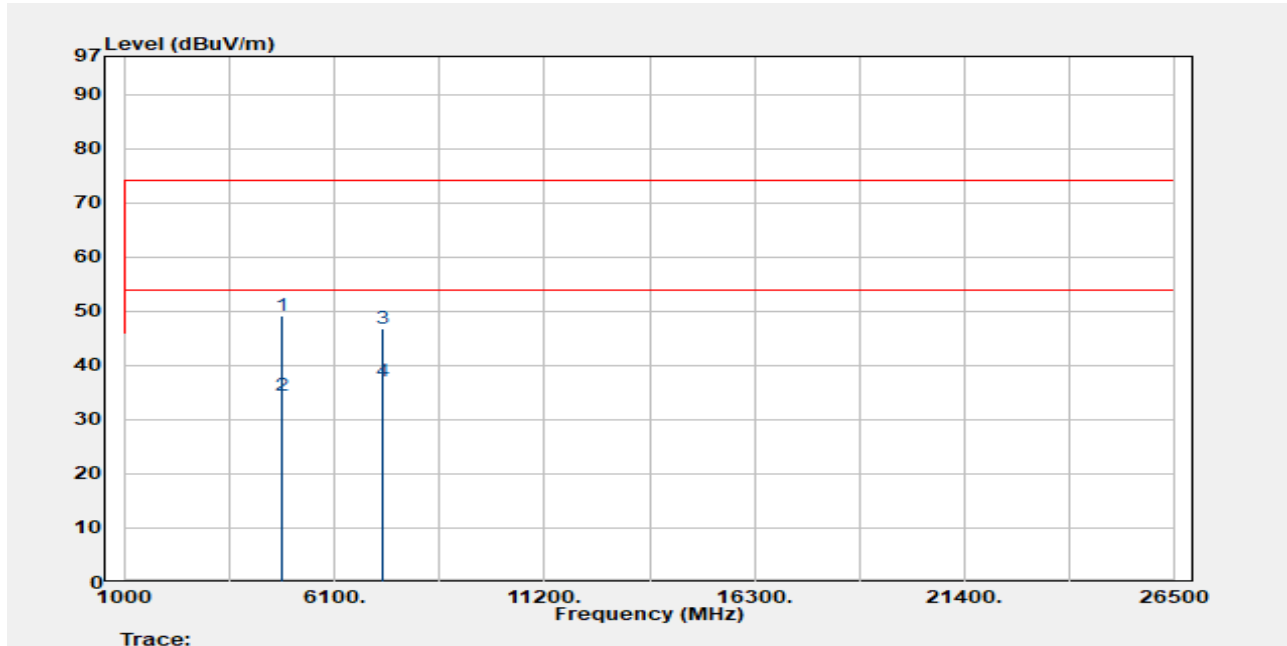
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU FULL
 Test Frequency :2412 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-08-16
 Temp./Humi. :25.6°C/61%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4824.000	Peak	46.81	2.23	49.04	74.00	-24.96
4824.000	Average	32.30	2.23	34.53	54.00	-19.47
7236.000	Peak	39.68	7.09	46.77	74.00	-27.23
7236.000	Average	30.01	7.09	37.10	54.00	-16.90

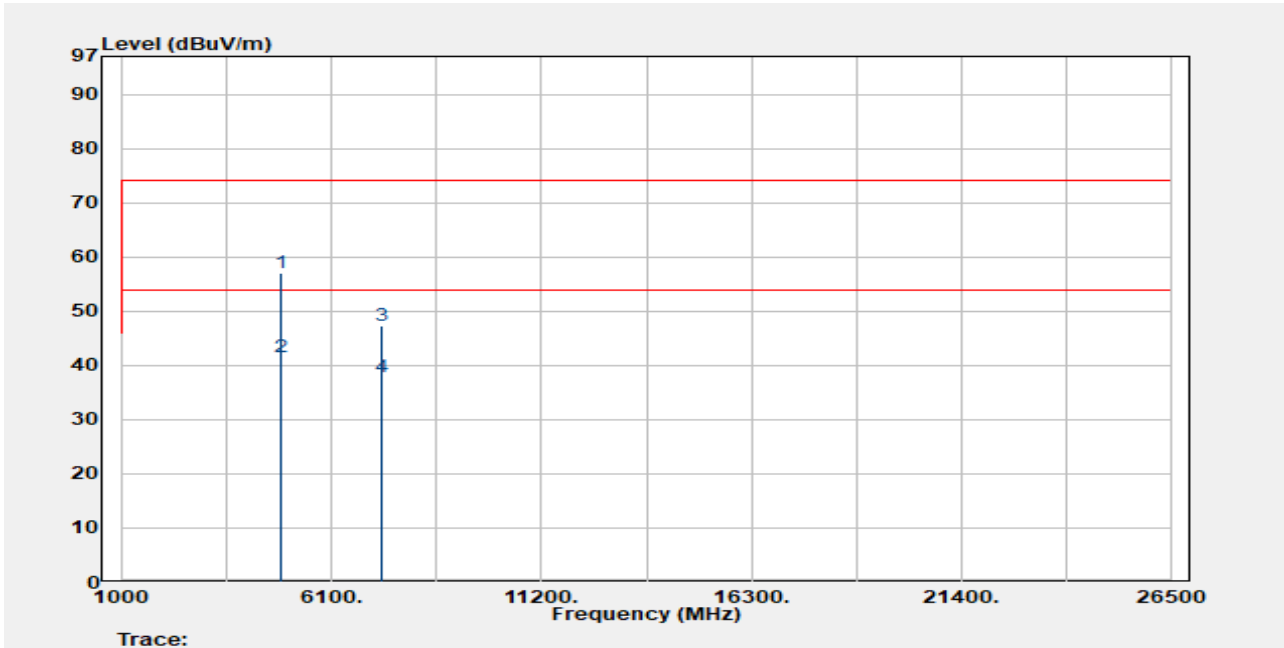
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU FULL
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-08-16
 Temp./Humi. :25.6°C/61%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
4874.000	Peak	54.52	2.59	57.11	74.00	-16.89
4874.000	Average	38.96	2.59	41.55	54.00	-12.45
7311.000	Peak	39.65	7.67	47.32	74.00	-26.68
7311.000	Average	30.16	7.67	37.83	54.00	-16.17

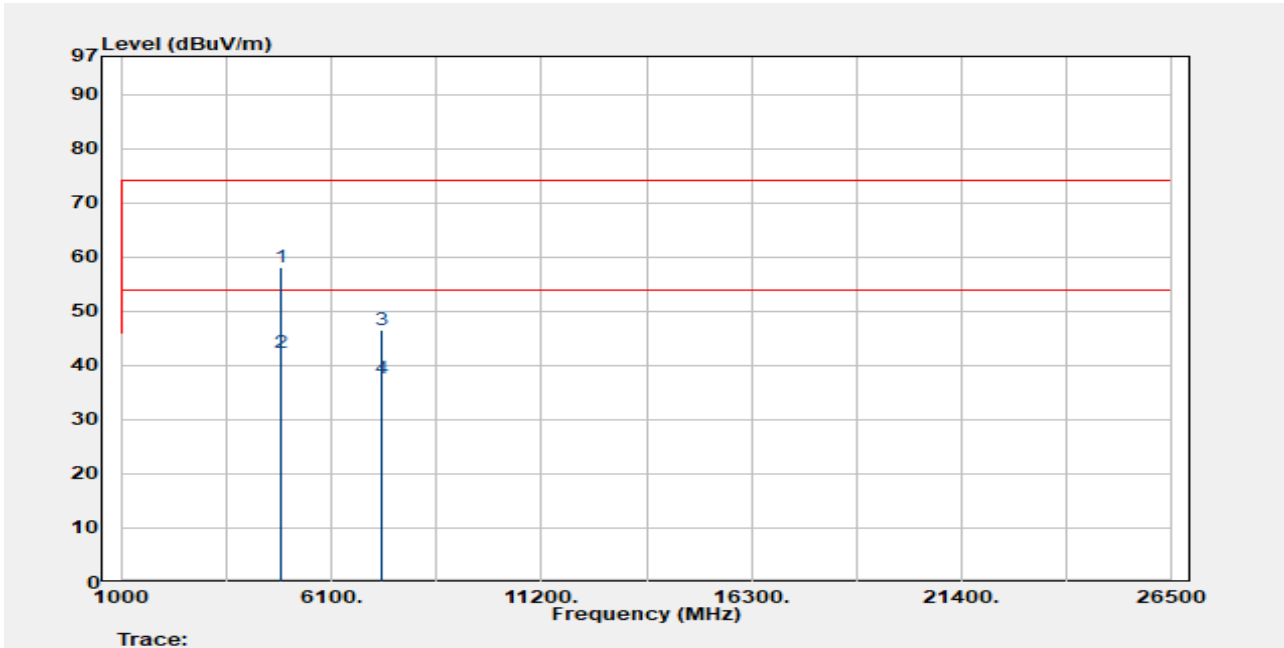
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU FULL
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-08-16
 Temp./Humi. :25.6°C/61%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4874.000	Peak	55.42	2.59	58.01	74.00	-15.99
4874.000	Average	39.70	2.59	42.29	54.00	-11.71
7311.000	Peak	38.93	7.67	46.61	74.00	-27.39
7311.000	Average	29.79	7.67	37.46	54.00	-16.54

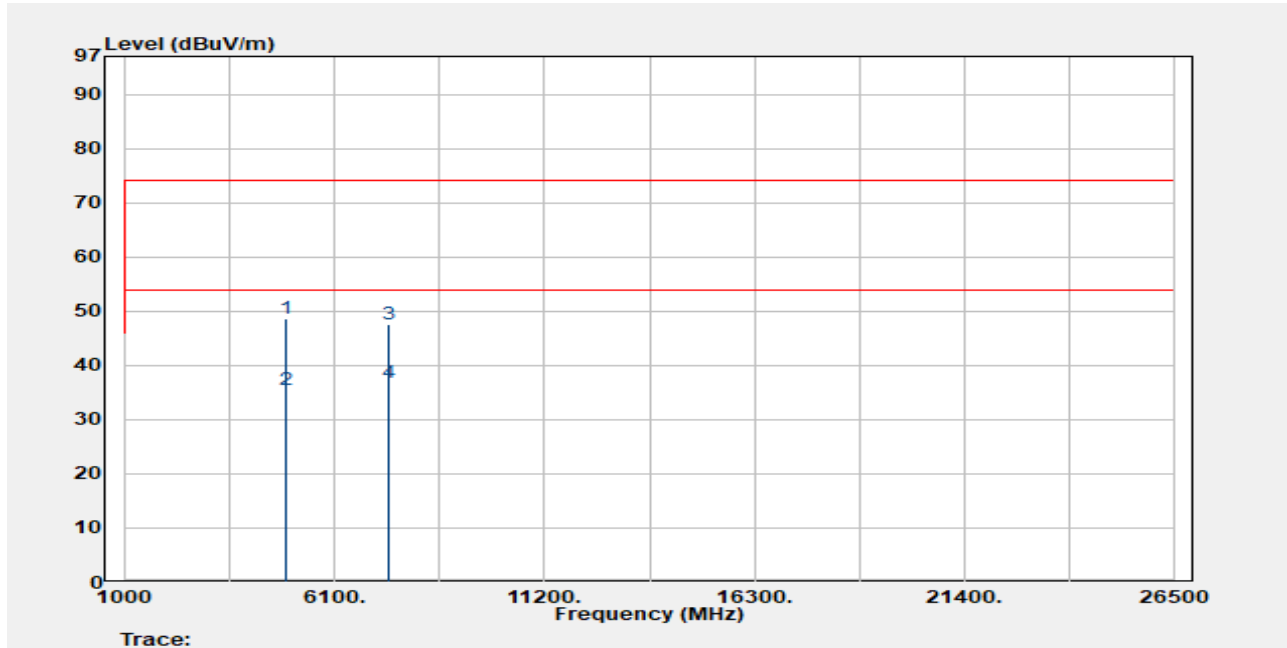
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU FULL
 Test Frequency :2462 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-08-16
 Temp./Humi. :25.6°C/61%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4924.000	Peak	45.91	2.83	48.74	74.00	-25.26
4924.000	Average	32.66	2.83	35.49	54.00	-18.51
7386.000	Peak	40.40	7.19	47.59	74.00	-26.41
7386.000	Average	29.52	7.19	36.71	54.00	-17.29

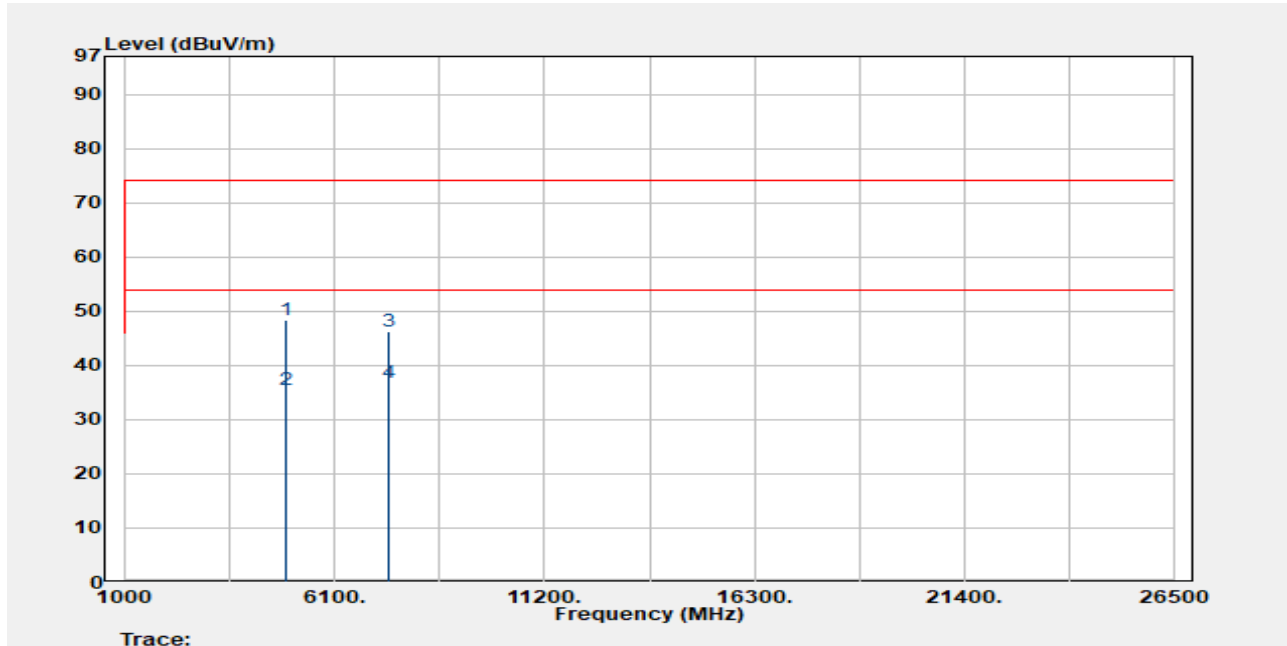
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax20 RU FULL
 Test Frequency :2462 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-08-16
 Temp./Humi. :25.6°C/61%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4924.000	Peak	45.67	2.83	48.50	74.00	-25.50
4924.000	Average	32.58	2.83	35.41	54.00	-18.59
7386.000	Peak	39.03	7.19	46.23	74.00	-27.77
7386.000	Average	29.49	7.19	36.68	54.00	-17.32

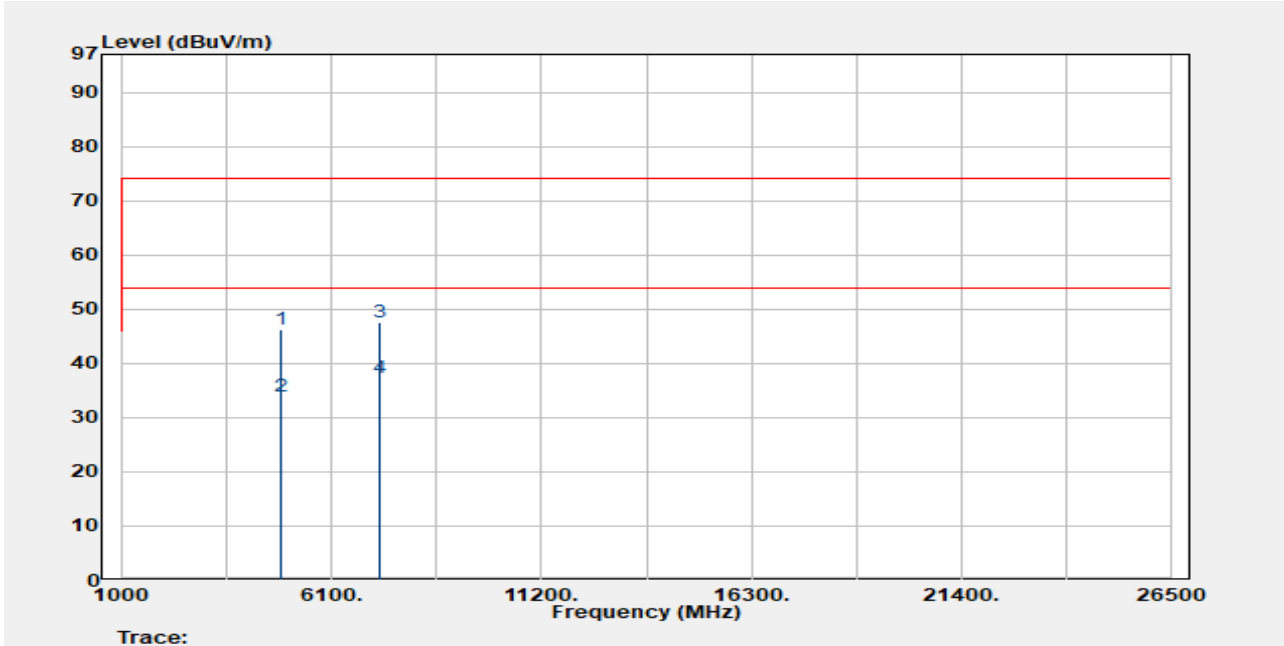
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax40 RU FULL
 Test Frequency :2422 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-08-16
 Temp./Humi. :25.6°C/61%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4844.000	Peak	44.02	2.37	46.39	74.00	-27.61
4844.000	Average	31.65	2.37	34.02	54.00	-19.98
7266.000	Peak	40.37	7.12	47.49	74.00	-26.51
7266.000	Average	30.08	7.12	37.20	54.00	-16.80

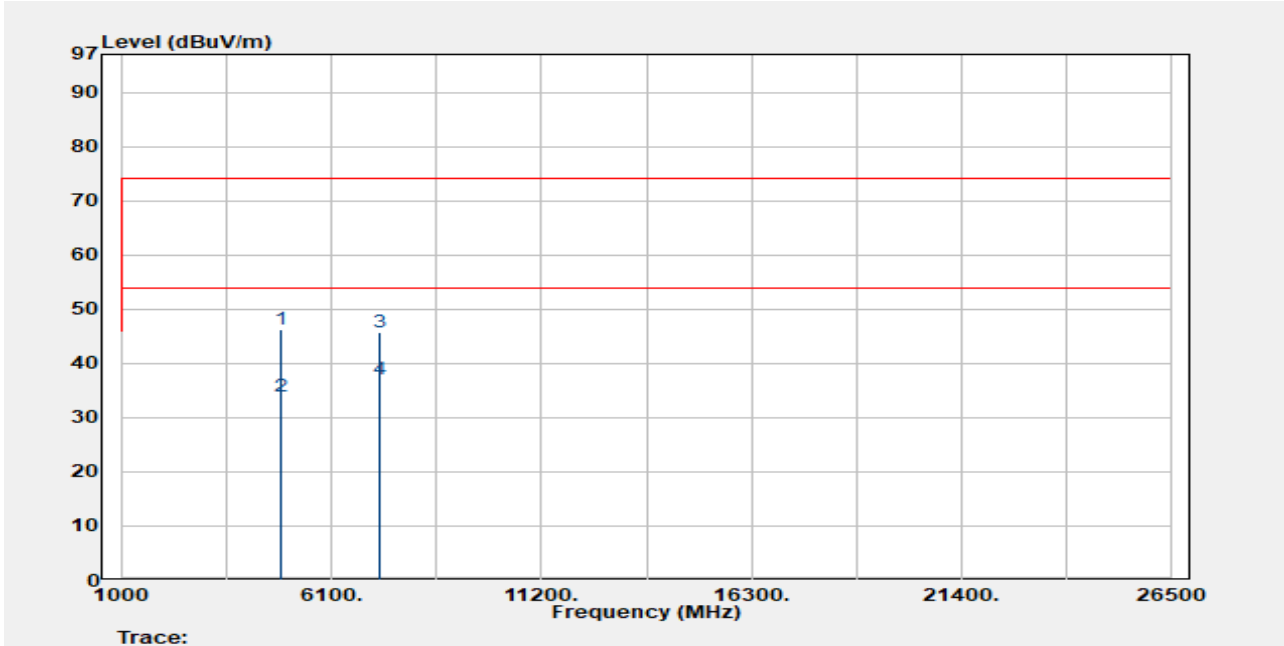
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax40 RU FULL
 Test Frequency :2422 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-08-16
 Temp./Humi. :25.6°C/61%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4844.000	Peak	43.87	2.37	46.24	74.00	-27.76
4844.000	Average	31.55	2.37	33.92	54.00	-20.08
7266.000	Peak	38.75	7.12	45.86	74.00	-28.14
7266.000	Average	30.02	7.12	37.14	54.00	-16.86

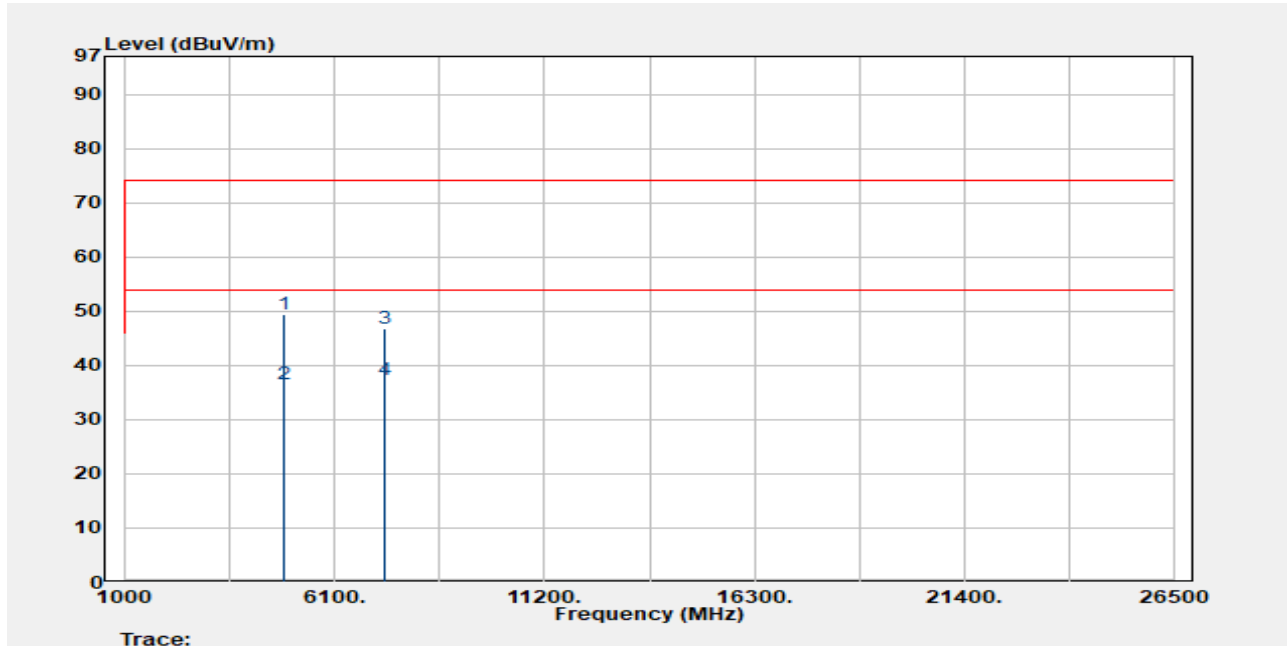
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax40 RU FULL
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-08-16
 Temp./Humi. :25.6°C/61%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
4874.000	Peak	46.76	2.59	49.35	74.00	-24.65
4874.000	Average	33.94	2.59	36.53	54.00	-17.47
7311.000	Peak	39.11	7.67	46.78	74.00	-27.22
7311.000	Average	29.71	7.67	37.38	54.00	-16.62

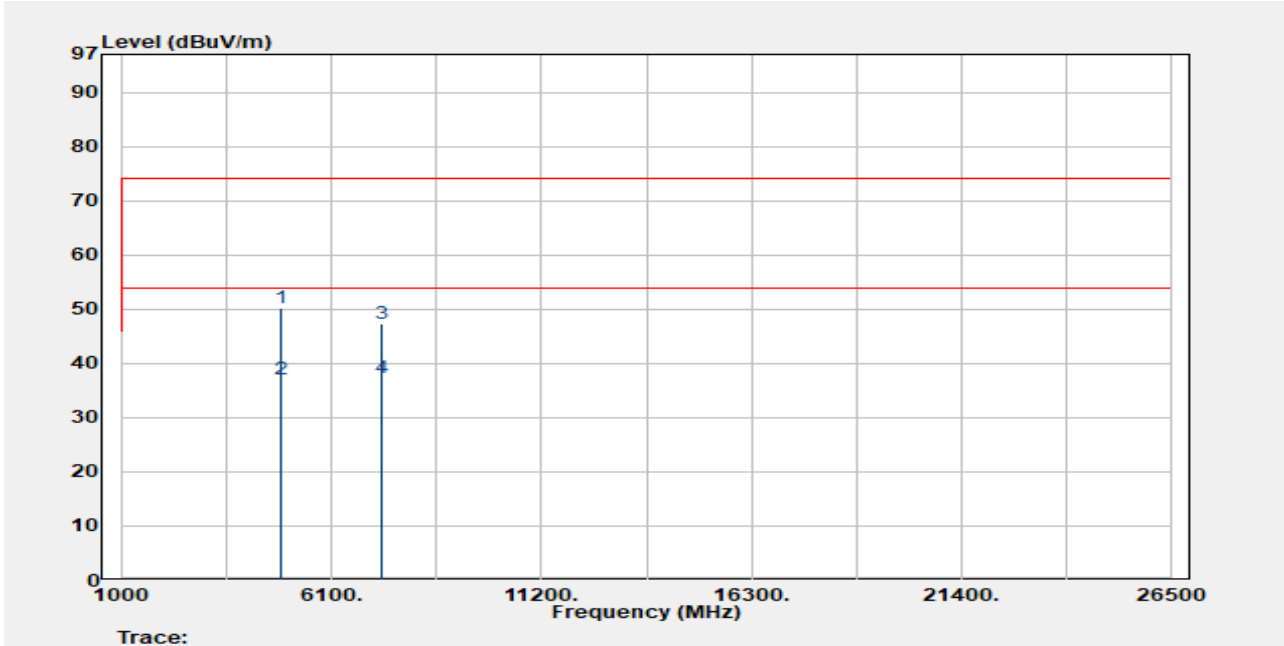
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax40 RU FULL
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-08-16
 Temp./Humi. :25.6°C/61%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4874.000	Peak	47.68	2.59	50.27	74.00	-23.73
4874.000	Average	34.46	2.59	37.05	54.00	-16.95
7311.000	Peak	39.74	7.67	47.41	74.00	-26.59
7311.000	Average	29.72	7.67	37.39	54.00	-16.61

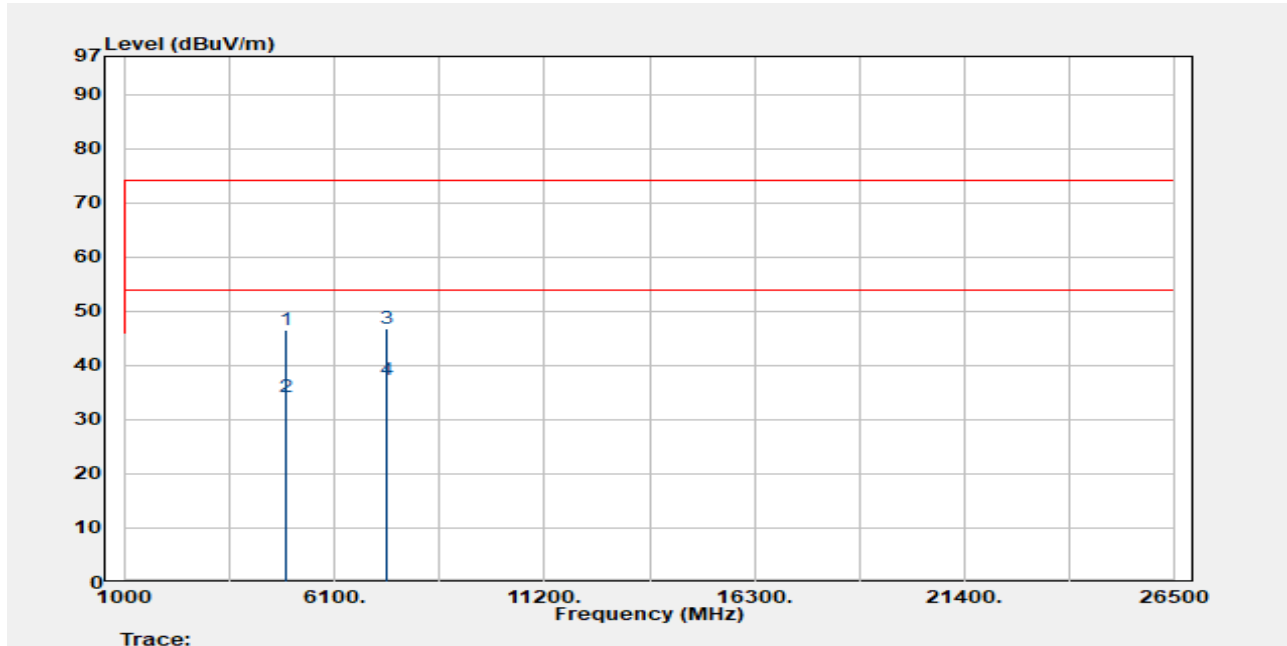
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax40 RU FULL
 Test Frequency :2452 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-08-16
 Temp./Humi. :25.6°C/61%
 Antenna Pol. :Vertical
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4904.000	Peak	43.81	2.80	46.61	74.00	-27.39
4904.000	Average	31.25	2.80	34.05	54.00	-19.95
7356.000	Peak	39.00	7.68	46.68	74.00	-27.32
7356.000	Average	29.61	7.68	37.29	54.00	-16.71

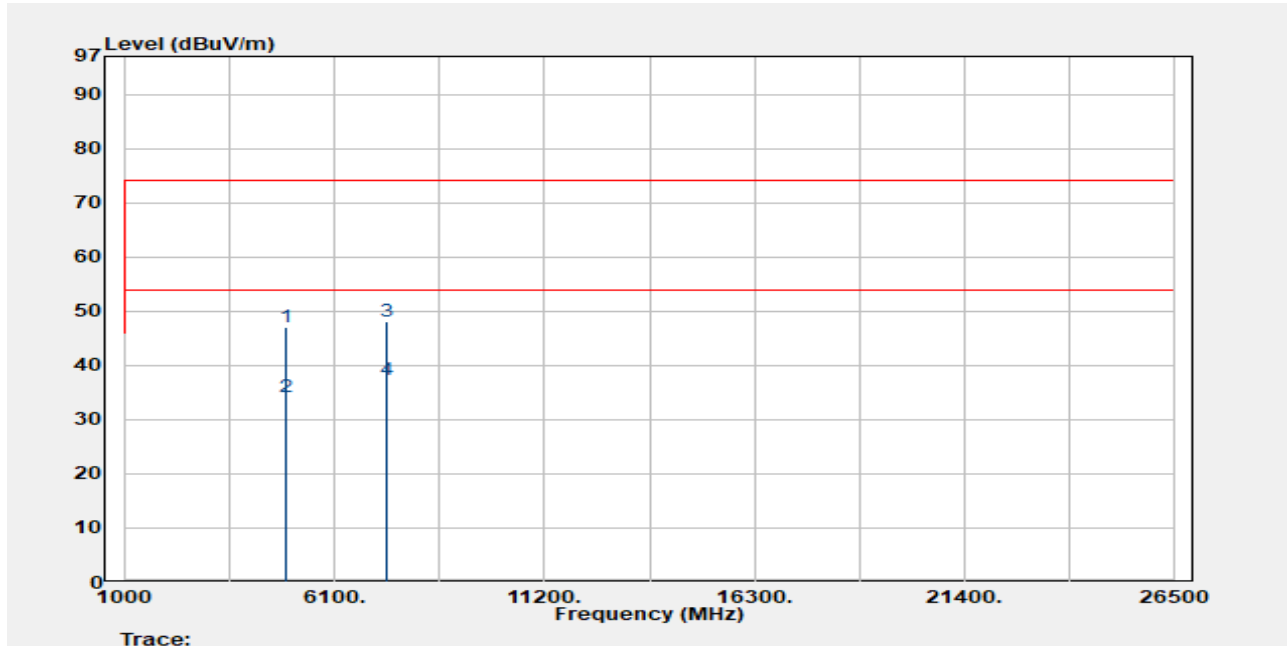
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Report Number :TERF2304001049ER
 Operation Mode :802.11ax40 RU FULL
 Test Frequency :2452 MHz
 Test Mode :Tx
 EUT Pol :H Plane

Test Site :SAC 2
 Test Date :2023-08-16
 Temp./Humi. :25.6°C/61%
 Antenna Pol. :Horizontal
 Engineer :Ricky Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4904.000	Peak	44.21	2.80	47.01	74.00	-26.99
4904.000	Average	31.35	2.80	34.15	54.00	-19.85
7356.000	Peak	40.34	7.68	48.02	74.00	-25.98
7356.000	Average	29.64	7.68	37.32	54.00	-16.68

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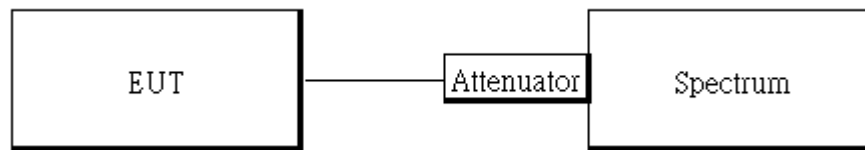
10 POWER SPECTRAL DENSITY

10.1 Standard Applicable

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

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

10.2 Test Setup



10.3 Measurement Procedure

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

Note:

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

10.4 As per FCC KDB 662911 D01

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

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

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

where

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

NSS = the number of independent spatial streams of data;

NANT = the total number of antennas

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

G_k is the gain in dBi of the kth antenna.

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

10.5 Power spectral density

Gain	7.91 dBi				
Muti TX	2 Transmit antennas				
POWER DENSITY 802.11b					
Freq. (MHz)	Ch0 PSD	Ch1 PSD	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
2412	-7.60	-8.68	-5.10	6.09	PASS
2437	-5.00	-5.79	-2.37	6.09	PASS
2462	-7.71	-8.77	-5.20	6.09	PASS

POWER DENSITY 802.11g					
Freq. (MHz)	Ch0 PSD	Ch1 PSD	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
2412	-11.19	-13.42	-9.15	6.09	PASS
2437	-7.82	-8.06	-4.93	6.09	PASS
2462	-9.67	-12.08	-7.70	6.09	PASS

POWER DENSITY 802.11n HT20					
Freq. (MHz)	Ch0 PSD	Ch1 PSD	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
2412	-14.22	-14.51	-11.35	6.09	PASS
2437	-7.58	-9.17	-5.29	6.09	PASS
2462	-11.52	-11.86	-8.68	6.09	PASS

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Gain	7.91 dBi				
Muti TX	2 Transmit antennas				
POWER DENSITY 802.11n HT40					
Freq. (MHz)	Ch0 PSD	Ch1 PSD	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
2422	-18.65	-18.85	-15.74	6.09	PASS
2437	-16.31	-17.80	-13.98	6.09	PASS
2452	-16.29	-18.00	-14.05	6.09	PASS

POWER DENSITY 802.11ax HE20						
Freq. (MHz)	RU Config	Ch0 PSD	Ch1 PSD	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
2412	full	-14.93	-15.99	-12.42	6.09	PASS
	26/0	-5.91	-6.07	-2.98	6.09	PASS
	52/37	-8.73	-9.97	-6.30	6.09	PASS
	106/53	-11.52	-13.42	-9.36	6.09	PASS
2437	full	-9.16	-9.27	-6.20	6.09	PASS
2462	full	-14.86	-15.24	-12.04	6.09	PASS
	26/8	-5.66	-6.35	-2.98	6.09	PASS
	52/40	-10.46	-11.19	-7.80	6.09	PASS
	106/54	-12.45	-13.78	-10.05	6.09	PASS

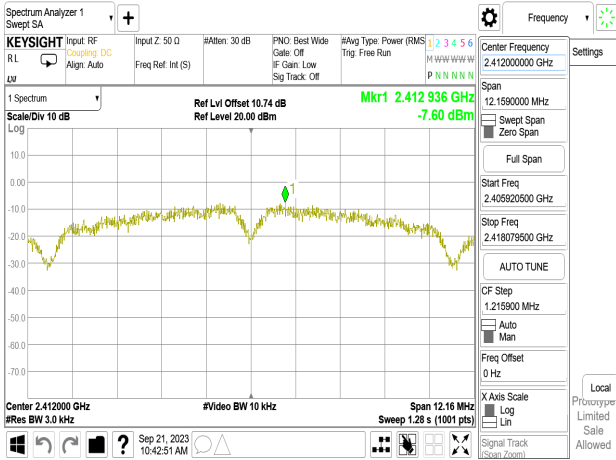
Gain	7.91 dBi					
Muti TX	2 Transmit antennas					
POWER DENSITY 802.11ax HE40						
Freq. (MHz)	RU Config	Ch0 PSD	Ch1 PSD	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
2422	full	-20.36	-20.45	-17.39	6.09	PASS
	242/61	-17.70	-17.54	-14.61	6.09	PASS
2437	full	-16.43	-17.94	-14.11	6.09	PASS
2452	full	-18.77	-19.30	-16.02	6.09	PASS
	242/62	-18.32	-17.91	-15.10	6.09	PASS

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.

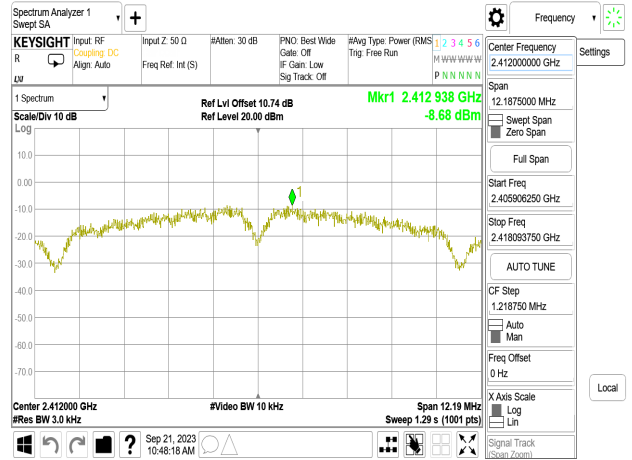
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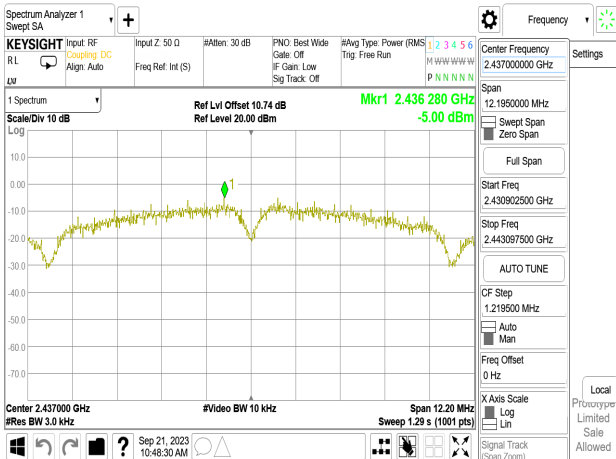
802.11b_20MHz_Chain0_2412MHz



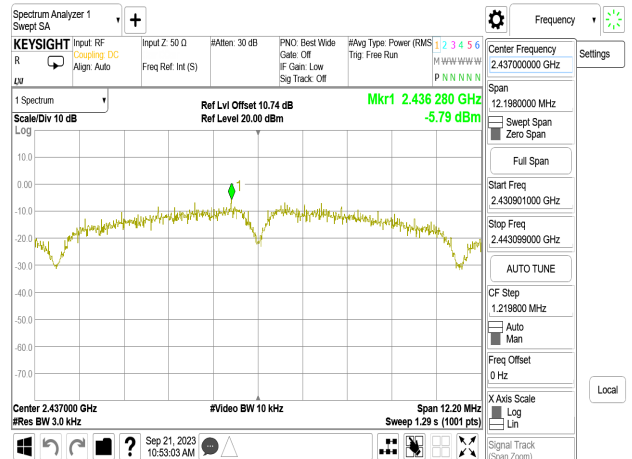
802.11b_20MHz_Chain1_2412MHz



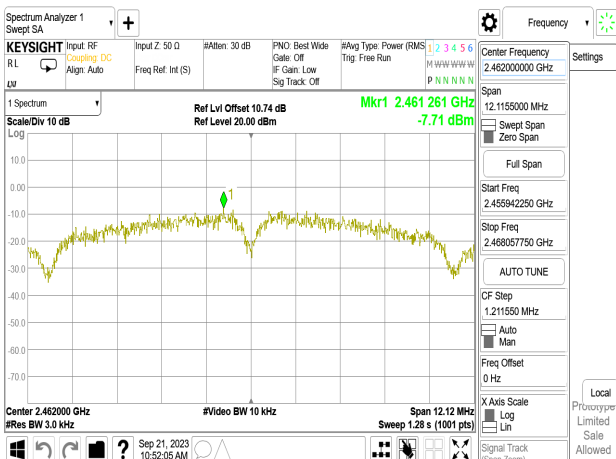
802.11b_20MHz_Chain0_2437MHz



802.11b_20MHz_Chain1_2437MHz



802.11b_20MHz_Chain0_2462MHz



802.11b_20MHz_Chain1_2462MHz



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