

ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT



EUT Description: Wireless module installed in Speaker
Applicant: Murata Manufacturing Co., Ltd.
1-10-1, Higashikotari, Nagaokakyo-shi, Kyoto 617-8555 Japan
Manufacturer: Murata Manufacturing Co., Ltd.
1-10-1, Higashikotari, Nagaokakyo-shi, Kyoto 617-8555 Japan
Brand Name: muRata
Model No.: LBEE5ZZ1XL
/ISED HVIN:
ISED PMN: LBEE5ZZ1XL
FCC Host Model: FQ262
ISED HMN: FQ262
Report Number: TERF2503000904E2
FCC ID VPYLBEE5ZZ1XL
IC: 772C-LBEE5ZZ1XL
Date of EUT Received: February 5, 2025
Date of Test: March 10, 2025~July 22, 2025
Issue Date: August 28, 2025

Approved By _____

Aken Huang

Aken Huang

We hereby certify that:

The above equipment was tested by SGS Taiwan Ltd. Central RF Lab. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10:2013 and the energy emitted by the sample EUT comply with FCC rule part §15.247, ISSED RSS-247.

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

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Revision History

Report Number	Revision	Description	Issue Date	Revised By	Remark
TERF2503000904E2	00	Original	August 28, 2025	Susan Lin	

Note:

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

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1 GENERAL INFORMATION

1.1 Product Description

EUT Description:	Wireless module installed in Speaker
Brand Name:	muRata
Model No.: /ISED HVIN:	LBEE5ZZ1XL
FCC Host Model:	FQ262
ISED HMN:	FQ262
Hardware Version:	L2
Firmware Version:	SDOS 2.2.0-alpha3
EUT Series No.:	T35A00028PH08, U03A30007PL50, T46A00039PH08
Power Supply:	110VAC from power cord
Test Software (Name/Version):	Dut Labtool v2.0.0.91

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1.2 RF Specification

WLAN 2.4GHz

Mode	Frequency Range	Channels	Rated Power (dBm)		Modulation Technology
			Peak	Avg.	
802.11b	2412~2462	11	25.08	22.72	DSSS
802.11g	2412~2462	11	26.53	21.80	OFDM
802.11n_HT20	2412~2462	11	26.56	20.86	OFDM
802.11n_HT40	2422~2452	7	26.19	18.87	OFDM
802.11ac_VHT20	2412~2462	11	26.46	20.70	OFDM
802.11ac_VHT40	2422~2452	7	26.19	18.82	OFDM
802.11ax_HE20	2412~2462	11	26.43	20.82	OFDMA
802.11ax_HE40	2422~2452	7	26.01	18.78	OFDMA
Modulation type:		CCK, DQPSK, DBPSK for DSSS in 802.11b			
		64QAM, 16QAM, QPSK, BPSK for OFDM in 802.11g,11n			
		256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDM in 802.11ac			
		1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDMA in 802.11ax			
Data Rate:		802.11b: 1/2/5.5/11 Mbps			
		802.11g: 6/9/12/18/24/36/48/54 Mbps			
		802.11n_HT20:up to 144.4Mbps			
		802.11n_HT40:up to 300Mbps			
		802.11ac_VHT20:up to 173.4Mbps			
		802.11ac_VHT40:up to 400Mbps			
		802.11ax_HE20:up to 286.8Mbps			
		802.11ax_HE40:up to 573.6Mbps			

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WLAN 2.4GHz for IC

Mode	Frequency Range	Channels	Rated Power (dBm)		Rated Power in dBm (EIRP)	Modulation Technology
			Peak	Avg.		
802.11b	2412~2462	11	25.08	22.72	26.23	DSSS
802.11g	2412~2462	11	26.53	21.80	25.32	OFDM
802.11n_HT20	2412~2462	11	26.56	20.86	24.38	OFDM
802.11n_HT40	2422~2452	7	26.19	18.87	22.39	OFDM
802.11ac_VHT20	2412~2462	11	26.46	20.70	24.21	OFDM
802.11ac_VHT40	2422~2452	7	26.19	18.82	22.33	OFDM
802.11ax_HE20	2412~2462	11	26.43	20.82	24.34	OFDMA
802.11ax_HE40	2422~2452	7	26.01	18.78	22.29	OFDMA
Modulation type:		CCK, DQPSK, DBPSK for DSSS in 802.11b				
		64QAM, 16QAM, QPSK, BPSK for OFDM in 802.11g, 11n				
		256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDM in 802.11ac				
		1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDMA in 802.11ax				
Data Rate:		802.11b: 1/2/5.5/11 Mbps				
		802.11g: 6/9/12/18/24/36/48/54 Mbps				
		802.11n_HT20: up to 144.4Mbps				
		802.11n_HT40: up to 300Mbps				
		802.11ac_VHT20: up to 173.4Mbps				
		802.11ac_VHT40: up to 400Mbps				
		802.11ax_HE20: up to 286.8Mbps				
		802.11ax_HE40: up to 573.6Mbps				

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1.3 Antenna Designation

Antenna Type	Supplier	Antenna Part No.	Ant. No.	Freq. (MHz)	Peak Antenna Gain (dBi)
PIFA	DEVIALET	Simple Antenna Phoenix V102	WL0	2412~2462	2.7
PIFA	DEVIALET	Simple Antenna Phoenix V102	WL1	2412~2462	4.2

Note:

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

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1.4 Test Methodology of Applied Standards

FCC Part 15, Subpart C §15.247
 FCC KDB 558074 D01 15.247 Meas Guidance v05r02
 FCC KDB 662911 D01 Multiple Transmitter Output v02r01
 RSS-247 issue 3 Aug. 2023
 RSS-Gen, Issue 5 April 2018, Amendment 2 (February 2021)
 ANSI C63.10:2013

1.5 Test Facility

Laboratory	Test Site Address	Test Site Name	FCC Designa- tion 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.

Temperature:	21.3~21.9	°C	Relative Humidity:	57~60	%
Test site	Conducted C		Test Start:	03/18/2025	
Test Engineer:	Joey You		Test Done:	07/14/2025	

1.6 Special Accessories

There are no special accessories used while test was conducted.

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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 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 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.

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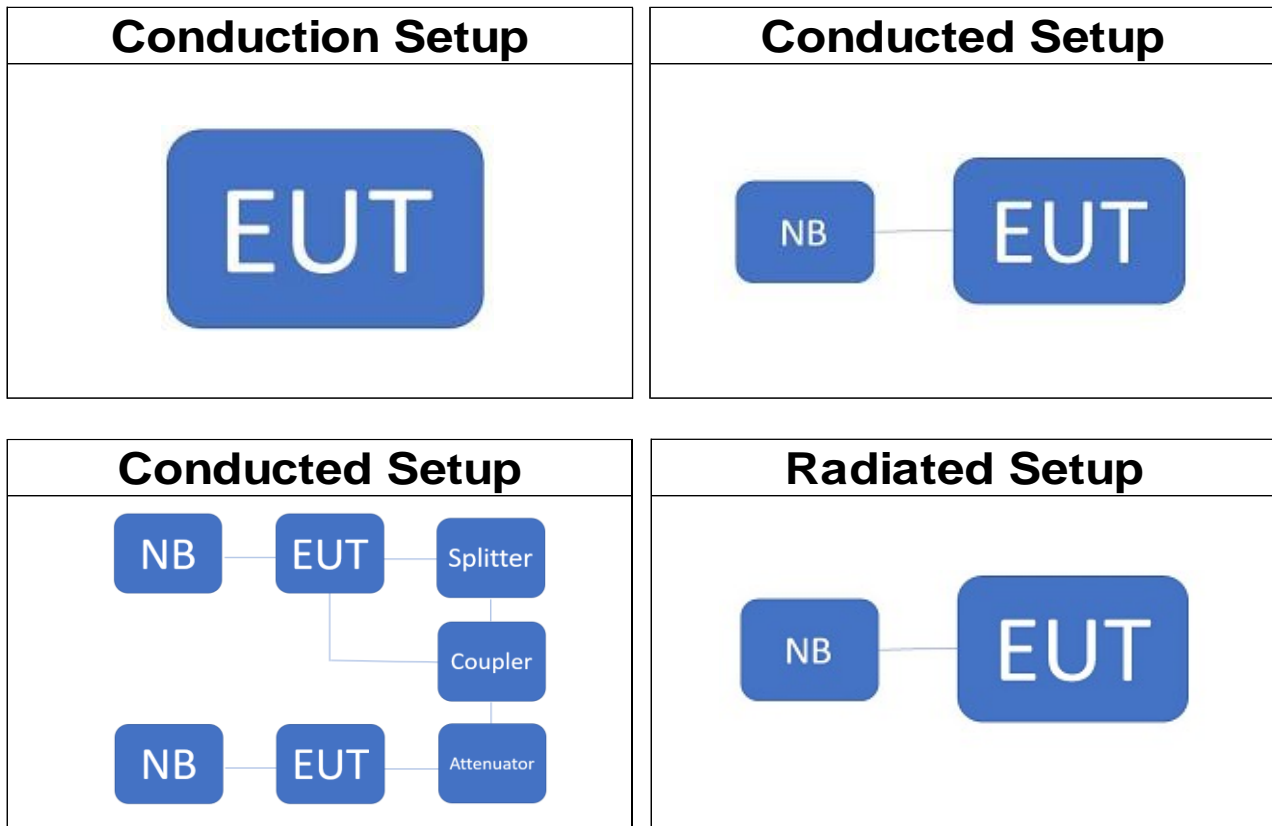
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2.5 Test Configuration



2.6 Control Unit(s)

AC Power-Line Conducted Emission Test Site: Conduction C					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
Notebook	HP	HSN-Q35C-4	P0003859	N/A	N/A
LAN Cable	TATUNG	RJ-KT6-305	2420000052713	N/A	N/A
Power Line	Well Shin	WS-001	N/A	N/A	N/A
Conducted Emission Test Site: Conducted C					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
LAN Cale	AMP	AMP-6e	N/A	N/A	N/A
LAN Cale	TATUNG	RJ-KT6-305	N/A	N/A	N/A
Notebook	Lenovo	T470	P0001293	N/A	N/A
Notebook	Lenovo	T14	P0003332	N/A	N/A

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Test Site: SAC D

Radiated Emission Test Site: SAC D					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
Notebook	HP	HSN-Q35C-4	P0004691	N/A	N/A
LAN Cable	TATUNG	RJ-KT6-305	2420000052713	N/A	N/A
Power Line	Well Shin TECHNOLOGY CO.,LTD	WS-015D+WS- 002A-7	N/A	N/A	N/A

Test Site: SAC G

Radiated Emission Test Site: SAC G					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
Notebook	HP	HSN-Q35C-4	P0004691	N/A	N/A
LAN Cable	AMP	AMP-6e	4719862256612	N/A	N/A
Power Line	Well Shin	WS-001	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
§15.209 §15.247(d)	RSS-247 §5.5	Radiated Band Edge and Spurious Emission	Compliant

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4 DESCRIPTION OF TEST MODES

4.1 Operating Frequencies

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

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4.2 The Worst Test Modes and Channel Details

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

The given UE is pre-scanned among below modes.

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

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

CONDUCTED TEST					
MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)	ANTENNA PORT
802.11b	1 to 11	1,2,6,9,10,11	DSSS	1	2TX
802.11g	1 to 11	1,2,3,4,6,7,8,9,10,11	OFDM	6	2TX
802.11n_HT20	1 to 11	1,2,3,4,6,8,9,10,11	OFDM	MCS0	2TX
802.11n_HT40	3 to 9	3,4,5,6,7,8,9	OFDM	MCS0	2TX

CONDUCTED TEST						
MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	RU CONFIGURATION	DATA RATE (Mbps)	ANTENNA PORT
802.11ax_HE20	1 to 11	1,2,3,4,6,7,8,9,10,11	OFDMA	FULL RU 26/0,26/8 52/37,52/40 106/53,106/54	MCS0	2TX
802.11ax_HE40	3 to 9	3,4,5,6,7,8,9	OFDMA	FULL RU 242/61,242/62	MCS0	2TX

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Test Site: SAC D

TRANSMIT RADIATED EMISSION TEST (ABOVE 1 GHz)					
MODE	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)	ANTENNA PORT
802.11g	1 to 11	3,7,8,9	OFDM	6	2TX
802.11n20	1 to 11	3,4,8,9	OFDM	MCS0	2TX
802.11n40	3 to 9	5,7	OFDM	MCS0	2TX
802.11ax20	1 to 11	3,4,7,8,9	OFDMA	MCS0	2TX
802.11ax40	3 to 9	5,7	OFDMA	MCS0	2TX

Test Site: SAC G

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	1,2,6,9,10,11	CCK	1	2TX
802.11g	1 to 11	1,2,6,10,11	OFDM	6	2TX
802.11n20	1 to 11	1,2,6,10,11	OFDM	MCS0	2TX
802.11n40	3 to 9	3,4,6,8,9	OFDM	MCS0	2TX
802.11ax20	1 to 11	1,2,6,10,11	OFDMA	MCS0	2TX
802.11ax40	3 to 9	3,4,6,8,9	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	+/- 1.54 dB
Output Power measurement	+/- 0.97 dB
Emission Bandwidth	+/- 1.38 Hz
Conducted emission measurement	+/- 0.77 dB
Peak Power Density	+/- 0.61 dB
Temperature	+/- 0.6 °C
Humidity	+/- 3 %
DC / AC Power Source	+/- 1 %

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

Note:

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

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6 MEASUREMENT EQUIPMENT USED

6.1 Emission from AC power line

AC Power-Line Conducted Emission Test Site: Conduction C					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
Coaxial Cable	EC Lab	RF-HY-CAB-250	RF-HY-CAB-250-01	03/27/2025	03/26/2026
EMI Test Receiver	R&S	ESCI	101342	04/23/2025	04/22/2026
LISN	SCHWARZBECK Mess-Elektronik	NSLK8127	973	04/18/2025	04/17/2026
Pulse Limiter	EC Lab	VTSD 9561F-N	485	03/27/2025	03/26/2026
Test Software	audix	e3	E3 20923 SGS Ver.9 (C)	N.C.R	N.C.R

6.2 Conducted Measurement

Conducted Emission Test Site: Conducted C					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
Attenuator	Woken	WATT-218FS-10	RF18	11/14/2024	11/13/2025
Attenuator	Woken	WATT-218FS-10	RF19	11/14/2024	11/13/2025
DC Block	PASTERNAK	PE8210	RF35	11/14/2024	11/13/2025
Coupler	narda	4226_10	RF69	11/14/2024	11/13/2025
Splitter	RF-LAMBDA	RFLT2W1G18G	RF55	11/14/2024	11/13/2025
Attenuator	KEYSIGHT	11716C	RF44	11/14/2024	11/13/2025
Power Meter	Anritsu	ML2496A	1512003	09/04/2024	09/03/2025
Power Sensor	Anritsu	MA2411B	1339378	09/04/2024	09/03/2025
Power Sensor	Anritsu	MA2411B	1339379	09/04/2024	09/03/2025
Spectrum Analyzer	KEYSIGHT	N9010B	MY59071573	05/24/2024	05/23/2025
Spectrum Analyzer	KEYSIGHT	N9010B	MY59071573	06/03/2025	06/02/2026
Test Software	SGS Taiwan	Radio Test Software	Ver.21	N.C.R	N.C.R

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6.3 Radiated Measurement

Test Site: SAC D

Radiated Emission Test Site: SAC D					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
Attenuator	Woken	WATT-218FS-10	RF17	11/14/2024	11/13/2025
Coaxial Cable	EMCI+Huber Suhner	RG 214/U+EMC104- SM-SM- 500+SUCOFLEX 104+16+EMC105- SM-SM- 11000+EMC106- SM-SM-2300	W22.01+W21.01+1 50707+MY969/4+1 6+190825+150702	11/14/2024	11/13/2025
Horn Antenna	Schwarzbeck	BBHA9120D	1341	05/29/2025	05/28/2026
Horn Antenna	Schwarzbeck	BBHA9170	184	12/20/2024	12/19/2025
Pre-Amplifier	EMC Instruments	EMC12630SE	980273	11/14/2024	11/13/2025
Pre-Amplifier	EMC Instruments	EMC184045SEE	980881	11/14/2024	11/13/2025
Spectrum Analyzer	KEYSIGHT	N9010A	MY54510568	10/16/2024	10/15/2025
Test Software	audix	e3	E3 20923 SGS Ver.9 (C)	N.C.R	N.C.R

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Test Site: SAC G

Radiated Emission Test Site: SAC G					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
3m Site NSA	SGS	966 chamber G	N/A	03/30/2025	03/29/2026
Active Loop Antenna	COM-POWER	AL-130R	10160105	12/11/2024	12/10/2025
Broadband Antenna	SCHWARZBECK	VULB 9168	1206	01/16/2025	01/15/2026
Coaxial Cable	EMCI+Huber Suhner	EMCCFD400-NM- NM- 8000+EMCCFD400- NM-NM- 5000+SUCOFLEX10 0+EMC104-SM-SM- 2000+EMC104-SM- SM-8000+EMC104- SM-SM-5000	210216+210217+8 4103701/15+16010 5+210217+210220	11/14/2024	11/13/2025
Coaxial Cable	SUCCOFLEX	SUCCOFLEX 102	MY2153/2+MY520 415/2	11/14/2024	11/13/2025
High Pass Filter	WI	WHKX10-2624- 3200-18000-80SS	RF176	11/14/2024	11/13/2025
Horn Antenna	RF SPIN	DRH18-E	210105A18E	04/15/2025	04/14/2026
Horn Antenna	Schwarzbeck	BBHA9170	184	12/20/2024	12/19/2025
Lowpass Filter	Woken	EWT-56-0019	RF163	11/14/2024	11/13/2025
Pre-Amplifier	EMC Instruments	EMC118A45SE	980815	11/14/2024	11/13/2025
Pre-Amplifier	EMC Instruments	EMC184045SEE	980881	11/14/2024	11/13/2025
Pre-Amplifier	EMC Instruments	EMC330N	980781	11/14/2024	11/13/2025
Spectrum Analyzer	KEYSIGHT	N9010A	MY54510568	10/16/2024	10/15/2025
Test Software	audix	e3	E3 20923 SGS Ver.9 (C)	N.C.R	N.C.R

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

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7 CONDUCTED EMISSION TEST

7.1 Standard Applicable

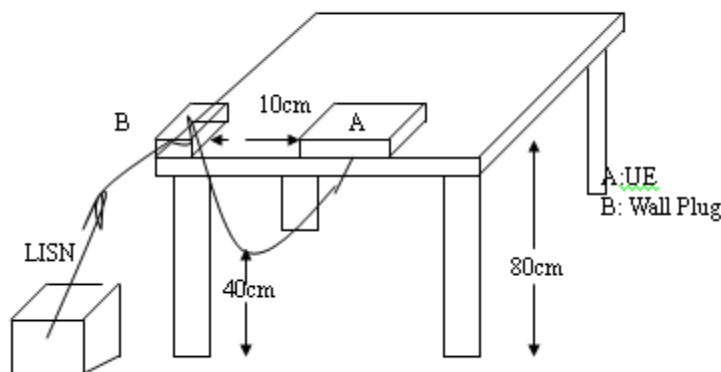
Frequency range within 150kHz to 30MHz shall not exceed the Limit table as below.

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 1.The lower limit shall apply at the transition frequencies 2.The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz.		

7.2 EUT Setup:

1. The conducted emission tests were performed in the test site, using the setup in accordance with the ANSI C63.10:2013.
2. The AC/DC Power adaptor of EUT was plug-in LISN. The EUT was placed flushed with the rear of the table.
3. 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

Level = Read Level + Factor

Factor = (LISN, ISN, or current probe)Factor + Cable Loss +Attenuator

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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AC POWER LINE CONDUCTED EMISSION TEST DATA

Report Number :TERF2503000904E2

Test Site :Conduction C

Test Mode :2.4G

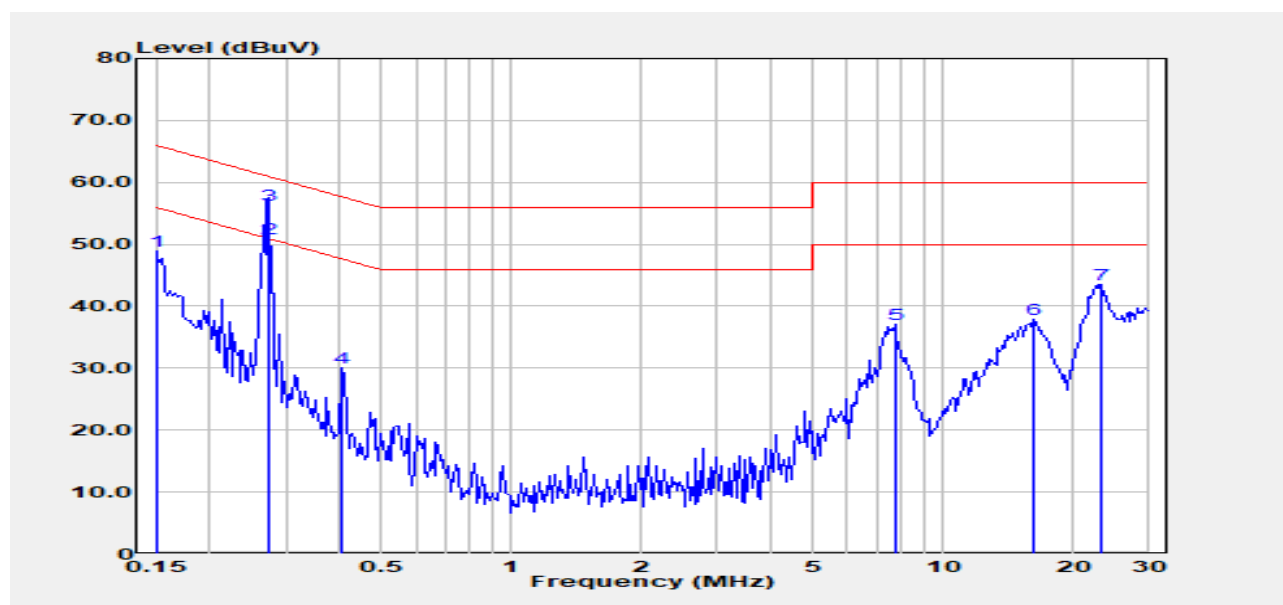
Test Date :2025-07-22

Power :120V/60Hz

Temp./Humi :24°C/61%

Probe :L1

Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS		
MHz	PK/QP/AV	dBμV	dB	dBμV	dBμV	dB
0.150	Peak	38.27	10.69	48.96	66.00	-17.04
0.274	Average	40.20	10.66	50.86	50.98	-0.12
0.274	QP	45.70	10.66	56.36	60.98	-4.62
0.406	Peak	19.37	10.64	30.01	57.73	-27.72
7.728	Peak	26.11	10.97	37.08	60.00	-22.92
16.226	Peak	26.72	11.10	37.82	60.00	-22.18
23.263	Peak	32.23	11.23	43.46	60.00	-16.54

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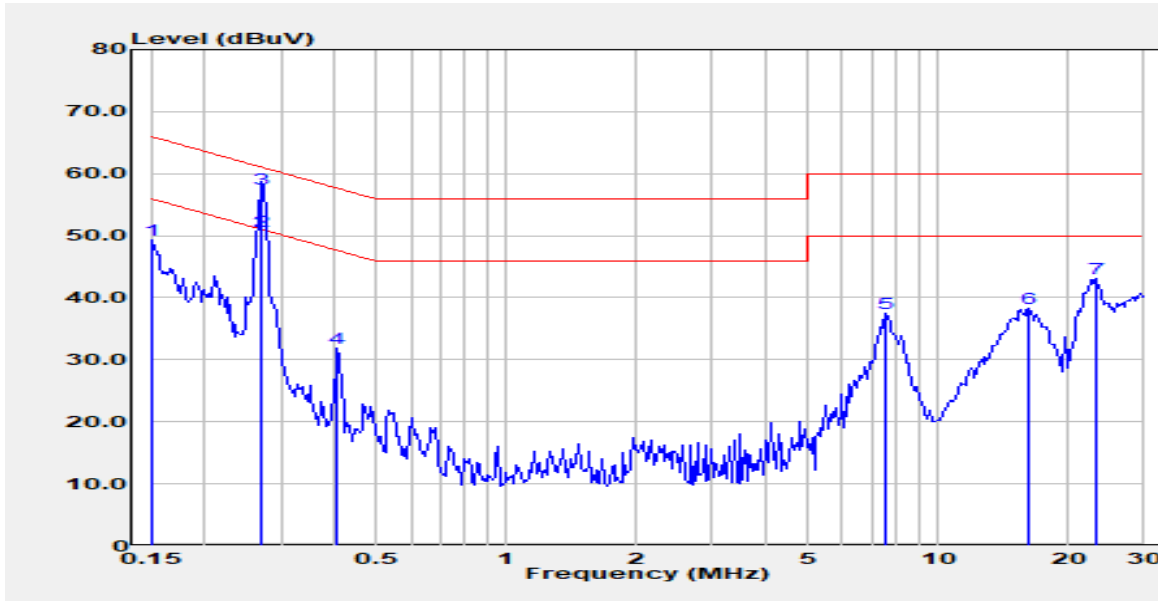
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Report Number :TERF2503000904E2
Test Mode :2.4G
Power :120V/60Hz
Probe :N

Test Site :Conduction C
Test Date :2025-07-22
Temp./Humi :24°C/61%
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS		
MHz	PK/QP/AV	dBμV	dB	dBμV	dBμV	dB
0.150	Peak	38.72	10.67	49.39	66.00	-16.61
0.272	Average	40.10	10.65	50.75	51.07	-0.32
0.272	QP	46.90	10.65	57.55	61.07	-3.52
0.406	Peak	21.31	10.62	31.93	57.73	-25.79
7.566	Peak	26.42	11.00	37.41	60.00	-22.59
16.226	Peak	27.19	11.17	38.36	60.00	-21.64
23.263	Peak	31.71	11.34	43.05	60.00	-16.95

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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 4W.

Note:

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

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.

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

where

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

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NSS = the number of independent spatial streams of data;

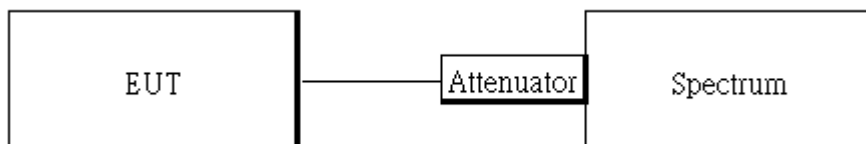
NANT = the total number of antennas

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

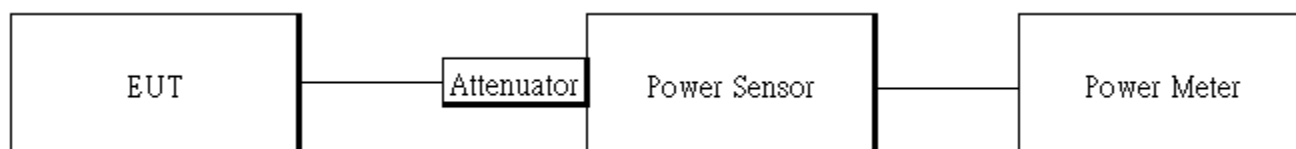
G_k is the gain in dBi of the kth antenna.

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:

Mode		Duty Cycle (%) = Ton / (Ton+Toff)	Duty Factor (dB) =10*log (1/Duty Cycle)	1/T (kHz)	VBW setting (kHz)
802.11b		100.00	0.00	0.00	0.01
802.11g		98.96	0.05	0.70	0.01
802.11n_20		98.89	0.05	0.75	0.01
802.11n_40		97.79	0.10	1.50	2.00
802.11ac_20		98.90	0.05	0.74	0.01
802.11ac_40		97.83	0.10	1.48	2.00
Mode	RU Config	Duty Cycle (%) = Ton / (Ton+Toff)	Duty Factor (dB) =10*log (1/Duty Cycle)	1/T (kHz)	VBW setting (kHz)
802.11ax_20	Full	98.82	0.05	0.75	0.01
	26 RU	82.42	0.84	0.74	1.00
	52 RU	82.42	0.84	0.74	1.00
	106 RU	82.42	0.84	0.74	1.00
802.11ax_40	Full	97.79	0.10	1.50	2.00
	242 RU	91.28	0.40	0.74	1.00

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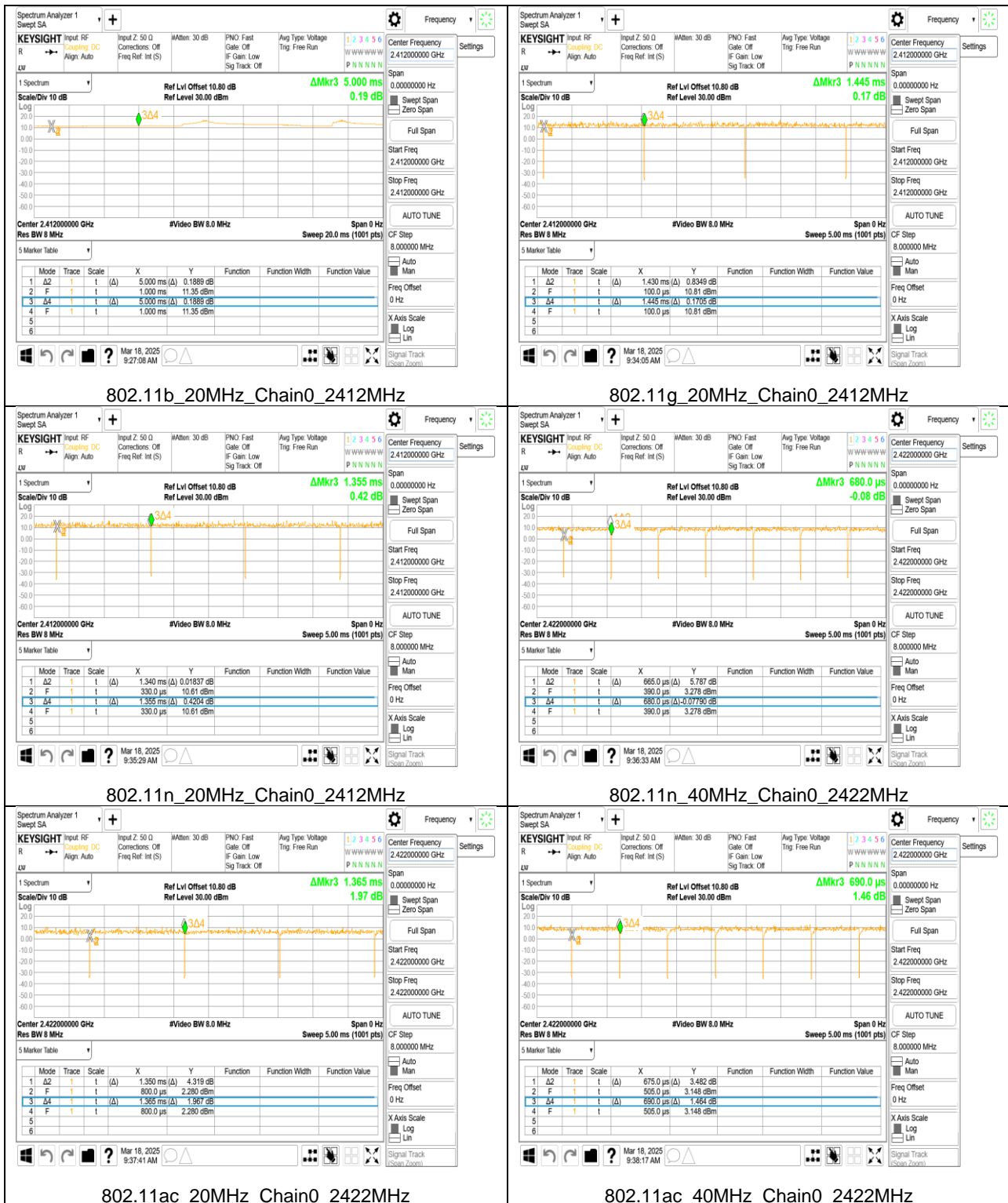
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8.4.2 Duty Cycle test plots



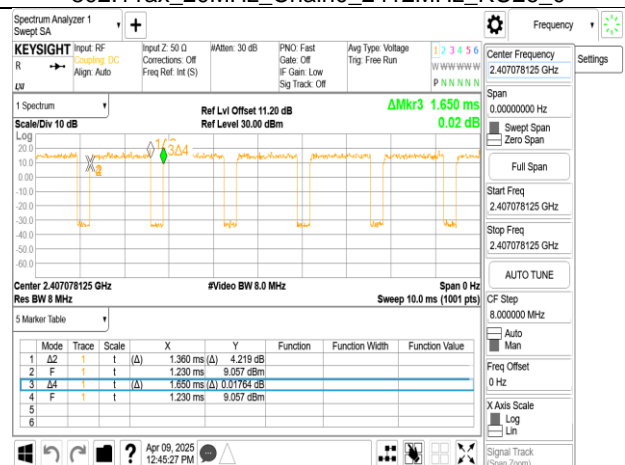
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802.11ax 20MHz Chain0 2412MHz RU26 0



802.11ax_20MHz_Chain0_2412MHz_RU106_53



802.11ax 40MHz Chain0 2422MHz RU242 61

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8.4.3 Output Power

802.11b Ch0							
CH	Freq. (MHz)	Data Rate	Power Setting	Peak Output Power (mW)	Peak Output Power (dBm)	Limit (dBm)	RESULT
1	2412	1	17	62.50	17.96	30.00	PASS
2	2417	1	20.75	154.53	21.89	30.00	PASS
6	2437	1	21.5	163.87	22.15	30.00	PASS
9	2452	1	21.5	161.81	22.09	30.00	PASS
10	2457	1	21	93.54	19.71	30.00	PASS
11	2462	1	17	62.45	17.96	30.00	PASS
802.11b Ch0							
CH	Freq. (MHz)	Data Rate	Power Setting	Avg. Output Power (mW)	Avg. Output Power (dBm)	Limit (dBm)	RESULT
1	2412	1	17	37.15	15.70	30.00	PASS
2	2417	1	20.75	77.98	18.92	30.00	PASS
6	2437	1	21.5	94.23	19.74	30.00	PASS
9	2452	1	21.5	92.90	19.68	30.00	PASS
10	2457	1	21	53.46	17.28	30.00	PASS
11	2462	1	17	36.90	15.67	30.00	PASS

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802.11b Ch1

CH	Freq. (MHz)	Data Rate	Power Setting	Peak Output Power (mW)	Peak Output Power (dBm)	Limit (dBm)	RESULT
1	2412	1	17	59.48	17.74	30.00	PASS
2	2417	1	20.75	137.40	21.38	30.00	PASS
6	2437	1	21.5	151.01	21.79	30.00	PASS
9	2452	1	21.5	148.94	21.73	30.00	PASS
10	2457	1	21	84.14	19.25	30.00	PASS
11	2462	1	17	61.93	17.92	30.00	PASS

802.11b Ch1

CH	Freq. (MHz)	Data Rate	Power Setting	Avg. Output Power (mW)	Avg. Output Power (dBm)	Limit (dBm)	RESULT
1	2412	1	17	36.31	15.60	30.00	PASS
2	2417	1	20.75	76.38	18.83	30.00	PASS
6	2437	1	21.5	90.57	19.57	30.00	PASS
9	2452	1	21.5	89.54	19.52	30.00	PASS
10	2457	1	21	50.23	17.01	30.00	PASS
11	2462	1	17	36.06	15.57	30.00	PASS

802.11b_2TX

CH	Freq. (MHz)	Data Rate	Power Setting	Peak Output Power (dBm)		Total Peak Output Power (mW)	Total Peak Output Power (dBm)	Limit (dBm)	RESULT
				Ch0	Ch1				
1	2412	1	16.5	18.02	17.88	124.76	20.96	30.00	PASS
2	2417	1	20.25	21.67	21.32	282.41	24.51	30.00	PASS
6	2437	1	21	22.27	21.85	321.76	25.08	30.00	PASS
9	2452	1	21	22.20	21.78	316.62	25.01	30.00	PASS
10	2457	1	18.5	19.75	19.34	180.31	22.56	30.00	PASS
11	2462	1	16.5	18.09	17.96	126.93	21.04	30.00	PASS

802.11b_2TX

CH	Freq. (MHz)	Data Rate	Power Setting	Avg. Output Power (dBm)		Total Avg. Output Power (mW)	Total Avg. Output Power (dBm)	Limit (dBm)	RESULT
				Ch0	Ch1				
1	2412	1	16.5	15.78	15.57	73.90	18.69	30.00	PASS
2	2417	1	20.25	19.05	18.83	156.74	21.95	30.00	PASS
6	2437	1	21	19.83	19.58	186.94	22.72	30.00	PASS
9	2452	1	21	19.77	19.52	184.38	22.66	30.00	PASS
10	2457	1	18.5	17.32	17.09	105.12	20.22	30.00	PASS
11	2462	1	16.5	15.85	15.66	75.27	18.77	30.00	PASS

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802.11g Ch0

CH	Freq. (MHz)	Data Rate	Power Setting	Peak Output Power (mW)	Peak Output Power (dBm)	Limit (dBm)	RESULT
1	2412	6	12.5	156.78	21.95	30.00	PASS
2	2417	6	16.5	181.55	22.59	30.00	PASS
3	2422	6	18.5	204.31	23.10	30.00	PASS
4	2427	6	19.5	223.72	23.50	30.00	PASS
6	2437	6	19.5	226.31	23.55	30.00	PASS
7	2442	6	19.5	228.14	23.58	30.00	PASS
8	2447	6	18.5	204.69	23.11	30.00	PASS
9	2452	6	16.75	183.23	22.63	30.00	PASS
10	2457	6	16.5	172.98	22.38	30.00	PASS
11	2462	6	12.5	155.38	21.91	30.00	PASS

802.11g Ch0

CH	Freq. (MHz)	Data Rate	Power Setting	Avg. Output Power (mW)	Avg. Output Power (dBm)	Limit (dBm)	RESULT
1	2412	6	12.5	15.05	11.78	30.00	PASS
2	2417	6	16.5	37.37	15.73	30.00	PASS
3	2422	6	18.5	59.16	17.72	30.00	PASS
4	2427	6	19.5	72.82	18.62	30.00	PASS
6	2437	6	19.5	74.22	18.71	30.00	PASS
7	2442	6	19.5	73.75	18.68	30.00	PASS
8	2447	6	18.5	58.34	17.66	30.00	PASS
9	2452	6	16.75	38.86	15.90	30.00	PASS
10	2457	6	16.5	30.38	14.83	30.00	PASS
11	2462	6	12.5	14.88	11.73	30.00	PASS

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802.11g Ch1

CH	Freq. (MHz)	Data Rate	Power Setting	Peak Output Power (mW)	Peak Output Power (dBm)	Limit (dBm)	RESULT
1	2412	6	12.5	149.42	21.74	30.00	PASS
2	2417	6	16.5	167.49	22.24	30.00	PASS
3	2422	6	18.5	193.82	22.87	30.00	PASS
4	2427	6	19.5	209.07	23.20	30.00	PASS
6	2437	6	19.5	215.33	23.33	30.00	PASS
7	2442	6	19.5	207.44	23.17	30.00	PASS
8	2447	6	18.5	195.48	22.91	30.00	PASS
9	2452	6	16.75	177.75	22.50	30.00	PASS
10	2457	6	16.5	165.58	22.19	30.00	PASS
11	2462	6	12.5	143.71	21.58	30.00	PASS

802.11g Ch1

CH	Freq. (MHz)	Data Rate	Power Setting	Avg. Output Power (mW)	Avg. Output Power (dBm)	Limit (dBm)	RESULT
1	2412	6	12.5	14.40	11.58	30.00	PASS
2	2417	6	16.5	35.44	15.50	30.00	PASS
3	2422	6	18.5	53.71	17.30	30.00	PASS
4	2427	6	19.5	69.75	18.44	30.00	PASS
6	2437	6	19.5	72.70	18.62	30.00	PASS
7	2442	6	19.5	69.60	18.43	30.00	PASS
8	2447	6	18.5	53.78	17.31	30.00	PASS
9	2452	6	16.75	38.74	15.88	30.00	PASS
10	2457	6	16.5	28.74	14.59	30.00	PASS
11	2462	6	12.5	14.21	11.53	30.00	PASS

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802.11g_2TX

CH	Freq. (MHz)	Data Rate	Power Setting	Peak Output Power (dBm)		Total Peak Output Power (mW)	Total Peak Output Power (dBm)	Limit (dBm)	RESULT
				Ch0	Ch1				
1	2412	6	12.5	22.08	21.79	312.44	24.95	30.00	PASS
2	2417	6	16.5	22.65	22.31	354.29	25.49	30.00	PASS
3	2422	6	18.5	23.25	23.03	412.26	26.15	30.00	PASS
4	2427	6	19.5	23.58	23.30	441.83	26.45	30.00	PASS
6	2437	6	19.5	23.66	23.38	450.04	26.53	30.00	PASS
7	2442	6	19.5	23.62	23.33	445.42	26.49	30.00	PASS
8	2447	6	18.5	23.21	22.98	408.02	26.11	30.00	PASS
9	2452	6	16.75	22.71	22.42	361.22	25.58	30.00	PASS
10	2457	6	15.5	22.43	22.25	342.87	25.35	30.00	PASS
11	2462	6	12.5	22.01	21.71	307.11	24.87	30.00	PASS

802.11g_2TX

CH	Freq. (MHz)	Data Rate	Power Setting	Avg. Output Power (dBm)		Total Avg. Output Power (mW)	Total Avg. Output Power (dBm)	Limit (dBm)	RESULT
				Ch0	Ch1				
1	2412	6	12.5	11.94	11.68	30.32	14.82	30.00	PASS
2	2417	6	16.5	15.79	15.57	73.91	18.69	30.00	PASS
3	2422	6	18.5	17.86	17.57	118.12	20.72	30.00	PASS
4	2427	6	19.5	18.84	18.62	149.18	21.74	30.00	PASS
6	2437	6	19.5	18.90	18.69	151.42	21.80	30.00	PASS
7	2442	6	19.5	18.88	18.66	150.56	21.78	30.00	PASS
8	2447	6	18.5	17.82	17.54	117.16	20.69	30.00	PASS
9	2452	6	16.75	16.02	15.79	77.84	18.91	30.00	PASS
10	2457	6	15.5	14.88	14.67	60.01	17.78	30.00	PASS
11	2462	6	12.5	11.88	11.63	29.94	14.76	30.00	PASS

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802.11n_HT_20M Ch0

CH	Freq. (MHz)	Data Rate	Power Setting	Peak Output Power (mW)	Peak Output Power (dBm)	Limit (dBm)	RESULT
1	2412	MCS0	10.5	106.41	20.27	30.00	PASS
2	2417	MCS0	15.5	178.24	22.51	30.00	PASS
3	2422	MCS0	18	210.47	23.23	30.00	PASS
4	2427	MCS0	18.5	227.04	23.56	30.00	PASS
6	2437	MCS0	18.5	225.16	23.53	30.00	PASS
8	2447	MCS0	18.5	229.72	23.61	30.00	PASS
9	2452	MCS0	17	197.65	22.96	30.00	PASS
10	2457	MCS0	15.5	179.89	22.55	30.00	PASS
11	2462	MCS0	12.5	141.58	21.51	30.00	PASS

802.11n_HT_20M Ch0

CH	Freq. (MHz)	Data Rate	Power Setting	Avg. Output Power (mW)	Avg. Output Power (dBm)	Limit (dBm)	RESULT
1	2412	MCS0	10.5	9.44	9.75	30.00	PASS
2	2417	MCS0	15.5	30.19	14.80	30.00	PASS
3	2422	MCS0	18	52.35	17.19	30.00	PASS
4	2427	MCS0	18.5	59.46	17.74	30.00	PASS
6	2437	MCS0	18.5	59.82	17.77	30.00	PASS
8	2447	MCS0	18.5	59.27	17.73	30.00	PASS
9	2452	MCS0	17	42.41	16.27	30.00	PASS
10	2457	MCS0	15.5	30.75	14.88	30.00	PASS
11	2462	MCS0	12.5	14.79	11.70	30.00	PASS

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802.11n_HT_20M Ch1

CH	Freq. (MHz)	Data Rate	Power Setting	Peak Output Power (mW)	Peak Output Power (dBm)	Limit (dBm)	RESULT
1	2412	MCS0	10.5	98.86	19.95	30.00	PASS
2	2417	MCS0	15.5	164.06	22.15	30.00	PASS
3	2422	MCS0	18	201.79	23.05	30.00	PASS
4	2427	MCS0	18.5	211.59	23.26	30.00	PASS
6	2437	MCS0	18.5	213.30	23.29	30.00	PASS
8	2447	MCS0	18.5	211.11	23.25	30.00	PASS
9	2452	MCS0	17	191.43	22.82	30.00	PASS
10	2457	MCS0	15.5	166.34	22.21	30.00	PASS
11	2462	MCS0	12.5	136.55	21.35	30.00	PASS

802.11n_HT_20M Ch1

CH	Freq. (MHz)	Data Rate	Power Setting	Avg. Output Power (mW)	Avg. Output Power (dBm)	Limit (dBm)	RESULT
1	2412	MCS0	10.5	9.27	9.67	30.00	PASS
2	2417	MCS0	15.5	28.96	14.62	30.00	PASS
3	2422	MCS0	18	48.74	16.88	30.00	PASS
4	2427	MCS0	18.5	56.56	17.53	30.00	PASS
6	2437	MCS0	18.5	57.96	17.63	30.00	PASS
8	2447	MCS0	18.5	56.77	17.54	30.00	PASS
9	2452	MCS0	17	39.92	16.01	30.00	PASS
10	2457	MCS0	15.5	29.77	14.74	30.00	PASS
11	2462	MCS0	12.5	14.32	11.56	30.00	PASS

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802.11n_HT20M_2TX

CH	Freq. (MHz)	Data Rate	Power Setting	Peak Output Power (dBm)		Total Peak Output Power (mW)	Total Peak Output Power (dBm)	Limit (dBm)	RESULT
				Ch0	Ch1				
1	2412	MCS0	10.5	20.39	20.03	210.09	23.22	30.00	PASS
2	2417	MCS0	15.5	22.56	22.21	346.64	25.40	30.00	PASS
3	2422	MCS0	18	23.37	23.15	423.81	26.27	30.00	PASS
4	2427	MCS0	18.5	23.60	23.31	443.38	26.47	30.00	PASS
6	2437	MCS0	18.5	23.69	23.40	452.66	26.56	30.00	PASS
8	2447	MCS0	18.5	23.64	23.36	447.98	26.51	30.00	PASS
9	2452	MCS0	17	23.11	22.92	400.53	26.03	30.00	PASS
10	2457	MCS0	15.5	22.61	22.28	351.43	25.46	30.00	PASS
11	2462	MCS0	12.5	21.64	21.43	284.88	24.55	30.00	PASS

802.11n_HT20M_2TX

CH	Freq. (MHz)	Data Rate	Power Setting	Avg. Output Power (dBm)		Total Avg. Output Power (mW)	Total Avg. Output Power (dBm)	Limit (dBm)	RESULT
				Ch0	Ch1				
1	2412	MCS0	10.5	10.01	9.64	19.22	12.84	30.00	PASS
2	2417	MCS0	15.5	14.85	14.67	59.84	17.77	30.00	PASS
3	2422	MCS0	18	17.38	17.15	106.54	20.28	30.00	PASS
4	2427	MCS0	18.5	17.87	17.68	119.81	20.78	30.00	PASS
6	2437	MCS0	18.5	17.93	17.78	122.02	20.86	30.00	PASS
8	2447	MCS0	18.5	17.90	17.74	121.05	20.83	30.00	PASS
9	2452	MCS0	17	16.42	16.19	85.41	19.32	30.00	PASS
10	2457	MCS0	15.5	14.94	14.80	61.37	17.88	30.00	PASS
11	2462	MCS0	12.5	11.91	11.70	30.30	14.82	30.00	PASS

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802.11n_HT_40M Ch0

CH	Freq. (MHz)	Data Rate	Power Setting	Peak Output Power (mW)	Peak Output Power (dBm)	Limit (dBm)	RESULT
3	2422	MCS0	12	139.19	21.44	30.00	PASS
4	2427	MCS0	13.5	145.21	21.62	30.00	PASS
5	2432	MCS0	16.5	205.87	23.14	30.00	PASS
6	2437	MCS0	16.5	209.94	23.22	30.00	PASS
7	2442	MCS0	15	188.41	22.75	30.00	PASS
8	2447	MCS0	11.5	111.43	20.47	30.00	PASS
9	2452	MCS0	10.5	108.82	20.37	30.00	PASS

802.11n_HT_40M Ch0

CH	Freq. (MHz)	Data Rate	Power Setting	Avg. Output Power (mW)	Avg. Output Power (dBm)	Limit (dBm)	RESULT
3	2422	MCS0	12	11.96	10.78	30.00	PASS
4	2427	MCS0	13.5	19.44	12.89	30.00	PASS
5	2432	MCS0	16.5	37.80	15.78	30.00	PASS
6	2437	MCS0	16.5	37.99	15.80	30.00	PASS
7	2442	MCS0	15	27.10	14.33	30.00	PASS
8	2447	MCS0	11.5	12.47	10.96	30.00	PASS
9	2452	MCS0	10.5	9.41	9.74	30.00	PASS

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802.11n_HT_40M Ch1

CH	Freq. (MHz)	Data Rate	Power Setting	Peak Output Power (mW)	Peak Output Power (dBm)	Limit (dBm)	RESULT
3	2422	MCS0	12	129.60	21.13	30.00	PASS
4	2427	MCS0	13.5	141.58	21.51	30.00	PASS
5	2432	MCS0	16.5	195.70	22.92	30.00	PASS
6	2437	MCS0	16.5	200.91	23.03	30.00	PASS
7	2442	MCS0	15	178.36	22.51	30.00	PASS
8	2447	MCS0	11.5	108.64	20.36	30.00	PASS
9	2452	MCS0	10.5	104.54	20.19	30.00	PASS

802.11n_HT_40M Ch1

CH	Freq. (MHz)	Data Rate	Power Setting	Avg. Output Power (mW)	Avg. Output Power (dBm)	Limit (dBm)	RESULT
3	2422	MCS0	12	11.53	10.62	30.00	PASS
4	2427	MCS0	13.5	17.81	12.51	30.00	PASS
5	2432	MCS0	16.5	35.60	15.52	30.00	PASS
6	2437	MCS0	16.5	37.21	15.71	30.00	PASS
7	2442	MCS0	15	24.87	13.96	30.00	PASS
8	2447	MCS0	11.5	11.53	10.62	30.00	PASS
9	2452	MCS0	10.5	9.05	9.57	30.00	PASS

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802.11n_HT40M_2TX

CH	Freq. (MHz)	Data Rate	Power Setting	Peak Output Power (dBm)		Total Peak Output Power (mW)	Total Peak Output Power (dBm)	Limit (dBm)	RESULT
				Ch0	Ch1				
3	2422	MCS0	11.5	21.47	21.15	270.60	24.32	30.00	PASS
4	2427	MCS0	13.5	21.69	21.57	291.12	24.64	30.00	PASS
5	2432	MCS0	16.5	23.22	23.04	411.27	26.14	30.00	PASS
6	2437	MCS0	16.5	23.26	23.10	416.01	26.19	30.00	PASS
7	2442	MCS0	15	22.88	22.64	377.74	25.77	30.00	PASS
8	2447	MCS0	11.5	20.55	20.42	223.66	23.50	30.00	PASS
9	2452	MCS0	10.5	20.47	20.26	217.60	23.38	30.00	PASS

802.11n_HT40M_2TX

CH	Freq. (MHz)	Data Rate	Power Setting	Avg. Output Power (dBm)		Total Avg. Output Power (mW)	Total Avg. Output Power (dBm)	Limit (dBm)	RESULT
				Ch0	Ch1				
3	2422	MCS0	11.5	10.95	10.68	24.12	13.82	30.00	PASS
4	2427	MCS0	13.5	12.95	12.59	37.85	15.78	30.00	PASS
5	2432	MCS0	16.5	15.98	15.64	76.22	18.82	30.00	PASS
6	2437	MCS0	16.5	16.03	15.69	77.10	18.87	30.00	PASS
7	2442	MCS0	15	14.46	14.17	54.01	17.32	30.00	PASS
8	2447	MCS0	11.5	11.02	10.71	24.41	13.88	30.00	PASS
9	2452	MCS0	10.5	9.95	9.63	19.06	12.80	30.00	PASS

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802.11ac_VHT_20M Ch0

CH	Freq. (MHz)	Data Rate	Power Setting	Peak Output Power (mW)	Peak Output Power (dBm)	Limit (dBm)	RESULT
1	2412	MCS0	10.5	100.48	20.02	30.00	PASS
2	2417	MCS0	15.5	175.79	22.45	30.00	PASS
3	2422	MCS0	17.75	201.37	23.04	30.00	PASS
4	2427	MCS0	18.5	221.87	23.46	30.00	PASS
6	2437	MCS0	18.5	221.31	23.45	30.00	PASS
8	2447	MCS0	18.5	220.09	23.43	30.00	PASS
9	2452	MCS0	16.75	163.68	22.14	30.00	PASS
10	2457	MCS0	15.5	177.01	22.48	30.00	PASS
11	2462	MCS0	12.5	134.40	21.28	30.00	PASS

802.11ac_VHT_20M Ch0

CH	Freq. (MHz)	Data Rate	Power Setting	Avg. Output Power (mW)	Avg. Output Power (dBm)	Limit (dBm)	RESULT
1	2412	MCS0	10.5	9.53	9.79	30.00	PASS
2	2417	MCS0	15.5	29.84	14.75	30.00	PASS
3	2422	MCS0	17.75	48.96	16.90	30.00	PASS
4	2427	MCS0	18.5	55.76	17.46	30.00	PASS
6	2437	MCS0	18.5	58.43	17.67	30.00	PASS
8	2447	MCS0	18.5	57.56	17.60	30.00	PASS
9	2452	MCS0	16.75	38.62	15.87	30.00	PASS
10	2457	MCS0	15.5	30.33	14.82	30.00	PASS
11	2462	MCS0	12.5	14.39	11.58	30.00	PASS

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802.11ac_VHT_20M Ch1

CH	Freq. (MHz)	Data Rate	Power Setting	Peak Output Power (mW)	Peak Output Power (dBm)	Limit (dBm)	RESULT
1	2412	MCS0	10.5	89.33	19.51	30.00	PASS
2	2417	MCS0	15.5	162.55	22.11	30.00	PASS
3	2422	MCS0	17.75	202.44	23.06	30.00	PASS
4	2427	MCS0	18.5	208.07	23.18	30.00	PASS
6	2437	MCS0	18.5	208.02	23.18	30.00	PASS
8	2447	MCS0	18.5	208.59	23.19	30.00	PASS
9	2452	MCS0	16.75	164.48	22.16	30.00	PASS
10	2457	MCS0	15.5	164.82	22.17	30.00	PASS
11	2462	MCS0	12.5	128.23	21.08	30.00	PASS

802.11ac_VHT_20M Ch1

CH	Freq. (MHz)	Data Rate	Power Setting	Avg. Output Power (mW)	Avg. Output Power (dBm)	Limit (dBm)	RESULT
1	2412	MCS0	10.5	8.93	9.51	30.00	PASS
2	2417	MCS0	15.5	28.63	14.57	30.00	PASS
3	2422	MCS0	17.75	48.72	16.88	30.00	PASS
4	2427	MCS0	18.5	52.83	17.23	30.00	PASS
6	2437	MCS0	18.5	56.73	17.54	30.00	PASS
8	2447	MCS0	18.5	54.09	17.33	30.00	PASS
9	2452	MCS0	16.75	38.79	15.89	30.00	PASS
10	2457	MCS0	15.5	29.43	14.69	30.00	PASS
11	2462	MCS0	12.5	14.22	11.53	30.00	PASS

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802.11ac_VHT20M_2TX

CH	Freq. (MHz)	Data Rate	Power Setting	Peak Output Power (dBm)		Total Peak Output Power (mW)	Total Peak Output Power (dBm)	Limit (dBm)	RESULT
				Ch0	Ch1				
1	2412	MCS0	10.5	20.07	19.63	193.46	22.87	30.00	PASS
2	2417	MCS0	15.5	22.51	22.17	343.05	25.35	30.00	PASS
3	2422	MCS0	17.75	23.25	22.96	409.05	26.12	30.00	PASS
4	2427	MCS0	18.5	23.50	23.24	434.73	26.38	30.00	PASS
6	2437	MCS0	18.5	23.57	23.33	442.79	26.46	30.00	PASS
8	2447	MCS0	18.5	23.53	23.28	438.24	26.42	30.00	PASS
9	2452	MCS0	16.75	22.42	22.15	338.64	25.30	30.00	PASS
10	2457	MCS0	15.5	22.56	22.23	347.41	25.41	30.00	PASS
11	2462	MCS0	12.5	21.34	21.17	267.06	24.27	30.00	PASS

802.11ac_VHT20M_2TX

CH	Freq. (MHz)	Data Rate	Power Setting	Avg. Output Power (dBm)		Total Avg. Output Power (mW)	Total Avg. Output Power (dBm)	Limit (dBm)	RESULT
				Ch0	Ch1				
1	2412	MCS0	10.5	9.88	9.59	18.82	12.75	30.00	PASS
2	2417	MCS0	15.5	14.80	14.63	59.21	17.72	30.00	PASS
3	2422	MCS0	17.75	17.00	16.81	98.05	19.91	30.00	PASS
4	2427	MCS0	18.5	17.73	17.49	115.35	20.62	30.00	PASS
6	2437	MCS0	18.5	17.81	17.57	117.49	20.70	30.00	PASS
8	2447	MCS0	18.5	17.77	17.53	116.41	20.66	30.00	PASS
9	2452	MCS0	16.75	16.03	15.80	78.07	18.92	30.00	PASS
10	2457	MCS0	15.5	14.88	14.75	60.59	17.82	30.00	PASS
11	2462	MCS0	12.5	11.70	11.50	28.90	14.61	30.00	PASS

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802.11ac_VHT_40M Ch0

CH	Freq. (MHz)	Data Rate	Power Setting	Peak Output Power (mW)	Peak Output Power (dBm)	Limit (dBm)	RESULT
3	2422	MCS0	12	133.32	21.25	30.00	PASS
4	2427	MCS0	14	143.55	21.57	30.00	PASS
5	2432	MCS0	16.5	202.07	23.06	30.00	PASS
6	2437	MCS0	17	204.17	23.10	30.00	PASS
7	2442	MCS0	14.75	181.97	22.60	30.00	PASS
8	2447	MCS0	12	110.15	20.42	30.00	PASS
9	2452	MCS0	10.5	110.66	20.44	30.00	PASS

802.11ac_VHT_40M Ch0

CH	Freq. (MHz)	Data Rate	Power Setting	Avg. Output Power (mW)	Avg. Output Power (dBm)	Limit (dBm)	RESULT
3	2422	MCS0	12	11.72	10.69	30.00	PASS
4	2427	MCS0	14	19.12	12.82	30.00	PASS
5	2432	MCS0	16.5	36.93	15.67	30.00	PASS
6	2437	MCS0	17	37.78	15.77	30.00	PASS
7	2442	MCS0	14.75	24.69	13.93	30.00	PASS
8	2447	MCS0	12	12.32	10.91	30.00	PASS
9	2452	MCS0	10.5	9.28	9.68	30.00	PASS

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802.11ac_VHT_40M Ch1

CH	Freq. (MHz)	Data Rate	Power Setting	Peak Output Power (mW)	Peak Output Power (dBm)	Limit (dBm)	RESULT
3	2422	MCS0	12	127.23	21.05	30.00	PASS
4	2427	MCS0	14	140.28	21.47	30.00	PASS
5	2432	MCS0	16.5	194.00	22.88	30.00	PASS
6	2437	MCS0	17	202.30	23.06	30.00	PASS
7	2442	MCS0	14.75	179.02	22.53	30.00	PASS
8	2447	MCS0	12	107.40	20.31	30.00	PASS
9	2452	MCS0	10.5	105.32	20.23	30.00	PASS

802.11ac_VHT_40M Ch1

CH	Freq. (MHz)	Data Rate	Power Setting	Avg. Output Power (mW)	Avg. Output Power (dBm)	Limit (dBm)	RESULT
3	2422	MCS0	12	11.50	10.61	30.00	PASS
4	2427	MCS0	14	17.56	12.45	30.00	PASS
5	2432	MCS0	16.5	34.22	15.34	30.00	PASS
6	2437	MCS0	17	36.59	15.63	30.00	PASS
7	2442	MCS0	14.75	24.26	13.85	30.00	PASS
8	2447	MCS0	12	11.42	10.58	30.00	PASS
9	2452	MCS0	10.5	9.06	9.57	30.00	PASS

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802.11ac_VHT40M_2TX

CH	Freq. (MHz)	Data Rate	Power Setting	Peak Output Power (dBm)		Total Peak Output Power (mW)	Total Peak Output Power (dBm)	Limit (dBm)	RESULT
				Ch0	Ch1				
3	2422	MCS0	11.5	21.31	21.19	266.73	24.26	30.00	PASS
4	2427	MCS0	13.5	21.62	21.53	287.44	24.59	30.00	PASS
5	2432	MCS0	16.5	23.17	23.05	409.33	26.12	30.00	PASS
6	2437	MCS0	16.5	23.23	23.13	415.97	26.19	30.00	PASS
7	2442	MCS0	14.75	22.54	22.21	345.81	25.39	30.00	PASS
8	2447	MCS0	11.5	20.47	20.36	220.07	23.43	30.00	PASS
9	2452	MCS0	10.5	20.49	20.26	218.11	23.39	30.00	PASS

802.11ac_VHT40M_2TX

CH	Freq. (MHz)	Data Rate	Power Setting	Avg. Output Power (dBm)		Total Avg. Output Power (mW)	Total Avg. Output Power (dBm)	Limit (dBm)	RESULT
				Ch0	Ch1				
3	2422	MCS0	11.5	10.85	10.70	23.88	13.78	30.00	PASS
4	2427	MCS0	13.5	12.88	12.53	37.27	15.71	30.00	PASS
5	2432	MCS0	16.5	15.86	15.61	74.86	18.74	30.00	PASS
6	2437	MCS0	16.5	15.93	15.69	76.16	18.82	30.00	PASS
7	2442	MCS0	14.75	14.04	13.82	49.40	16.94	30.00	PASS
8	2447	MCS0	11.5	10.95	10.66	24.06	13.81	30.00	PASS
9	2452	MCS0	10.5	9.83	9.66	18.84	12.75	30.00	PASS

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802.11ax_HE_20M Ch0

CH	Freq. (MHz)	Data Rate	RU Config	Power Setting	Peak Output Power (mW)	Peak Output Power (dBm)	Limit (dBm)	RESULT
1	2412	MCS0	full	11	100.09	20.00	30.00	PASS
			26/0	13	108.39	20.35	30.00	PASS
			52/37	13	107.40	20.31	30.00	PASS
			106/53	13	106.17	20.26	30.00	PASS
2	2417	MCS0	full	15	167.11	22.23	30.00	PASS
3	2422	MCS0	full	17.5	196.88	22.94	30.00	PASS
4	2427	MCS0	full	18.5	218.22	23.39	30.00	PASS
6	2437	MCS0	full	18.5	219.28	23.41	30.00	PASS
7	2442	MCS0	full	18.5	215.72	23.34	30.00	PASS
8	2447	MCS0	full	17.5	205.83	23.14	30.00	PASS
9	2452	MCS0	full	16.5	189.93	22.79	30.00	PASS
10	2457	MCS0	full	14	171.40	22.34	30.00	PASS
11	2462	MCS0	full	13	138.29	21.41	30.00	PASS
			26/8	15	118.85	20.75	30.00	PASS
			52/40	15	115.08	20.61	30.00	PASS
			106/54	15	116.95	20.68	30.00	PASS

802.11ax_HE_20M Ch0

CH	Freq. (MHz)	Data Rate	RU Config	Power Setting	Avg. Output Power (mW)	Avg. Output Power (dBm)	Limit (dBm)	RESULT
1	2412	MCS0	full	11	9.36	9.71	30.00	PASS
			26/0	13	9.29	9.68	30.00	PASS
			52/37	13	9.20	9.64	30.00	PASS
			106/53	13	9.10	9.59	30.00	PASS
2	2417	MCS0	full	15	26.43	14.22	30.00	PASS
3	2422	MCS0	full	17.5	45.46	16.58	30.00	PASS
4	2427	MCS0	full	18.5	58.02	17.64	30.00	PASS
6	2437	MCS0	full	18.5	58.23	17.65	30.00	PASS
7	2442	MCS0	full	18.5	57.19	17.57	30.00	PASS
8	2447	MCS0	full	17.5	45.18	16.55	30.00	PASS
9	2452	MCS0	full	16.5	35.81	15.54	30.00	PASS
10	2457	MCS0	full	14	21.63	13.35	30.00	PASS
11	2462	MCS0	full	13	14.93	11.74	30.00	PASS
			26/8	15	14.89	11.73	30.00	PASS
			52/40	15	14.62	11.65	30.00	PASS
			106/54	15	14.76	11.69	30.00	PASS

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802.11ax_HE_20M Ch1

CH	Freq. (MHz)	Data Rate	RU Config	Power Setting	Peak Output Power (mW)	Peak Output Power (dBm)	Limit (dBm)	RESULT
1	2412	MCS0	full	11	93.28	19.70	30.00	PASS
			26/0	13	106.91	20.29	30.00	PASS
			52/37	13	105.44	20.23	30.00	PASS
			106/53	13	104.23	20.18	30.00	PASS
2	2417	MCS0	full	15	157.76	21.98	30.00	PASS
3	2422	MCS0	full	17.5	196.29	22.93	30.00	PASS
4	2427	MCS0	full	18.5	208.74	23.20	30.00	PASS
6	2437	MCS0	full	18.5	209.89	23.22	30.00	PASS
7	2442	MCS0	full	18.5	209.56	23.21	30.00	PASS
8	2447	MCS0	full	17.5	192.93	22.85	30.00	PASS
9	2452	MCS0	full	16.5	183.19	22.63	30.00	PASS
10	2457	MCS0	full	14	167.11	22.23	30.00	PASS
11	2462	MCS0	full	13	132.74	21.23	30.00	PASS
			26/8	15	116.68	20.67	30.00	PASS
			52/40	15	114.29	20.58	30.00	PASS
			106/54	15	115.61	20.63	30.00	PASS

802.11ax_HE_20M Ch1

CH	Freq. (MHz)	Data Rate	RU Config	Power Setting	Avg. Output Power (mW)	Avg. Output Power (dBm)	Limit (dBm)	RESULT
1	2412	MCS0	full	11	9.04	9.56	30.00	PASS
			26/0	13	8.99	9.54	30.00	PASS
			52/37	13	8.91	9.50	30.00	PASS
			106/53	13	8.81	9.45	30.00	PASS
2	2417	MCS0	full	15	25.24	14.02	30.00	PASS
3	2422	MCS0	full	17.5	43.26	16.36	30.00	PASS
4	2427	MCS0	full	18.5	56.28	17.50	30.00	PASS
6	2437	MCS0	full	18.5	58.45	17.67	30.00	PASS
7	2442	MCS0	full	18.5	55.48	17.44	30.00	PASS
8	2447	MCS0	full	17.5	43.81	16.42	30.00	PASS
9	2452	MCS0	full	16.5	35.00	15.44	30.00	PASS
10	2457	MCS0	full	14	21.14	13.25	30.00	PASS
11	2462	MCS0	full	13	14.46	11.60	30.00	PASS
			26/8	15	14.42	11.59	30.00	PASS
			52/40	15	13.99	11.46	30.00	PASS
			106/54	15	14.16	11.51	30.00	PASS

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802.11ax_HE20M_2TX

CH	Freq. (MHz)	Data Rate	RU Config	Power Setting	Peak Output Power (dBm)		Total Peak Output Power (mW)	Total Peak Output Power (dBm)	Limit (dBm)	RESULT
					Ch0	Ch1				
1	2412	MCS0	full	10.5	20.09	19.76	196.72	22.94	30.00	PASS
			26/0	13	20.35	20.33	216.29	23.35	30.00	PASS
			52/37	13	20.30	20.27	213.57	23.30	30.00	PASS
			106/53	13	20.24	20.22	210.88	23.24	30.00	PASS
2	2417	MCS0	full	15	22.28	22.04	329.00	25.17	30.00	PASS
3	2422	MCS0	full	17.5	23.12	22.96	402.81	26.05	30.00	PASS
4	2427	MCS0	full	18.5	23.46	23.30	435.62	26.39	30.00	PASS
6	2437	MCS0	full	18.5	23.50	23.34	439.65	26.43	30.00	PASS
7	2442	MCS0	full	18.5	23.43	23.24	431.16	26.35	30.00	PASS
8	2447	MCS0	full	17.5	23.19	23.01	408.44	26.11	30.00	PASS
9	2452	MCS0	full	16.5	22.86	22.67	378.12	25.78	30.00	PASS
10	2457	MCS0	full	14	22.39	22.28	342.42	25.35	30.00	PASS
11	2462	MCS0	full	12.5	21.45	21.33	275.47	24.40	30.00	PASS
			26/8	15	20.79	20.71	237.71	23.76	30.00	PASS
			52/40	15	20.63	20.62	230.96	23.64	30.00	PASS
			106/54	15	20.74	20.68	235.53	23.72	30.00	PASS

802.11ax_HE20M_2TX

CH	Freq. (MHz)	Data Rate	RU Config	Power Setting	Avg. Output Power (dBm)		Total Avg. Output Power (mW)	Total Avg. Output Power (dBm)	Limit (dBm)	RESULT
					Ch0	Ch1				
1	2412	MCS0	full	10.5	9.88	9.73	19.13	12.82	30.00	PASS
			26/0	13	9.73	9.57	18.45	12.66	30.00	PASS
			52/37	13	9.68	9.54	18.28	12.62	30.00	PASS
			106/53	13	9.62	9.50	18.07	12.57	30.00	PASS
2	2417	MCS0	full	15	14.27	14.06	52.22	17.18	30.00	PASS
3	2422	MCS0	full	17.5	16.78	16.60	93.39	19.70	30.00	PASS
4	2427	MCS0	full	18.5	17.87	17.66	119.62	20.78	30.00	PASS
6	2437	MCS0	full	18.5	17.91	17.71	120.86	20.82	30.00	PASS
7	2442	MCS0	full	18.5	17.80	17.62	118.11	20.72	30.00	PASS
8	2447	MCS0	full	17.5	16.82	16.65	94.36	19.75	30.00	PASS
9	2452	MCS0	full	16.5	15.78	15.59	74.10	18.70	30.00	PASS
10	2457	MCS0	full	14	13.40	13.29	43.22	16.36	30.00	PASS
11	2462	MCS0	full	12.5	11.85	11.70	30.11	14.79	30.00	PASS
			26/8	15	11.76	11.64	29.58	14.71	30.00	PASS
			52/40	15	11.62	11.55	28.81	14.60	30.00	PASS
			106/54	15	11.66	11.57	29.01	14.63	30.00	PASS

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802.11ax_HE_40M Ch0

CH	Freq. (MHz)	Data Rate	RU Config	Power Setting	Peak Output Power (mW)	Peak Output Power (dBm)	Limit (dBm)	RESULT
3	2422	MCS0	full	12	127.20	21.05	30.00	PASS
			242/61	13	107.40	20.31	30.00	PASS
4	2427	MCS0	full	14.5	166.34	22.21	30.00	PASS
5	2432	MCS0	full	16	196.06	22.92	30.00	PASS
6	2437	MCS0	full	16.5	198.15	22.97	30.00	PASS
7	2442	MCS0	full	14.5	161.40	22.08	30.00	PASS
8	2447	MCS0	full	11.5	109.14	20.38	30.00	PASS
9	2452	MCS0	full	10.5	95.94	19.82	30.00	PASS
			242/62	11	82.22	19.15	30.00	PASS

802.11ax_HE_40M Ch0

CH	Freq. (MHz)	Data Rate	RU Config	Power Setting	Avg. Output Power (mW)	Avg. Output Power (dBm)	Limit (dBm)	RESULT
3	2422	MCS0	full	12	11.87	10.75	30.00	PASS
			242/61	13	11.87	10.75	30.00	PASS
4	2427	MCS0	full	14.5	24.25	13.85	30.00	PASS
5	2432	MCS0	full	16	33.27	15.22	30.00	PASS
6	2437	MCS0	full	16.5	37.47	15.74	30.00	PASS
7	2442	MCS0	full	14.5	22.95	13.61	30.00	PASS
8	2447	MCS0	full	11.5	12.21	10.87	30.00	PASS
9	2452	MCS0	full	10.5	6.85	8.36	30.00	PASS
			242/62	11	5.95	7.75	30.00	PASS

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802.11ax_HE_40M Ch1

CH	Freq. (MHz)	Data Rate	RU Config	Power Setting	Peak Output Power (mW)	Peak Output Power (dBm)	Limit (dBm)	RESULT
3	2422	MCS0	full	12	121.06	20.83	30.00	PASS
			242/61	13	103.51	20.15	30.00	PASS
4	2427	MCS0	full	14.5	159.22	22.02	30.00	PASS
5	2432	MCS0	full	16	188.23	22.75	30.00	PASS
6	2437	MCS0	full	16.5	192.09	22.84	30.00	PASS
7	2442	MCS0	full	14.5	158.12	21.99	30.00	PASS
8	2447	MCS0	full	11.5	107.40	20.31	30.00	PASS
9	2452	MCS0	full	10.5	90.57	19.57	30.00	PASS
			242/62	11	80.35	19.05	30.00	PASS

802.11ax_HE_40M Ch1

CH	Freq. (MHz)	Data Rate	RU Config	Power Setting	Avg. Output Power (mW)	Avg. Output Power (dBm)	Limit (dBm)	RESULT
3	2422	MCS0	full	12	11.42	10.58	30.00	PASS
			242/61	13	11.26	10.52	30.00	PASS
4	2427	MCS0	full	14.5	22.63	13.55	30.00	PASS
5	2432	MCS0	full	16	31.70	15.01	30.00	PASS
6	2437	MCS0	full	16.5	36.70	15.65	30.00	PASS
7	2442	MCS0	full	14.5	21.72	13.37	30.00	PASS
8	2447	MCS0	full	11.5	11.53	10.62	30.00	PASS
9	2452	MCS0	full	10.5	6.62	8.21	30.00	PASS
			242/62	11	5.75	7.60	30.00	PASS

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802.11ax_HE40M_2TX

CH	Freq. (MHz)	Data Rate	RU Config	Power Setting	Peak Output Power (dBm)		Total Peak Output Power (mW)	Total Peak Output Power (dBm)	Limit (dBm)	RESULT
					Ch0	Ch1				
3	2422	MCS0	full	11.5	21.17	20.95	255.37	24.07	30.00	PASS
			242/61	13	20.33	20.19	212.37	23.27	30.00	PASS
4	2427	MCS0	full	14.5	22.27	22.09	330.46	25.19	30.00	PASS
5	2432	MCS0	full	16	22.95	22.84	389.55	25.91	30.00	PASS
6	2437	MCS0	full	16.5	23.07	22.92	398.65	26.01	30.00	PASS
7	2442	MCS0	full	14.5	22.24	22.03	327.08	25.15	30.00	PASS
8	2447	MCS0	full	11.5	20.44	20.36	219.30	23.41	30.00	PASS
9	2452	MCS0	full	11	19.88	19.62	188.90	22.76	30.00	PASS
			242/62	11	19.28	19.13	166.57	22.22	30.00	PASS

802.11ax_HE40M_2TX

CH	Freq. (MHz)	Data Rate	RU Config	Power Setting	Avg. Output Power (dBm)		Total Avg. Output Power (mW)	Total Avg. Output Power (dBm)	Limit (dBm)	RESULT
					Ch0	Ch1				
3	2422	MCS0	full	11.5	10.92	10.76	24.26	13.85	30.00	PASS
			242/61	13	10.79	10.55	23.32	13.68	30.00	PASS
4	2427	MCS0	full	14.5	13.90	13.61	47.48	16.76	30.00	PASS
5	2432	MCS0	full	16	15.43	15.14	67.53	18.29	30.00	PASS
6	2437	MCS0	full	16.5	15.91	15.63	75.50	18.78	30.00	PASS
7	2442	MCS0	full	14.5	13.88	13.58	47.21	16.74	30.00	PASS
8	2447	MCS0	full	11.5	10.94	10.69	24.12	13.82	30.00	PASS
9	2452	MCS0	full	11	8.43	8.24	13.63	11.34	30.00	PASS
			242/62	11	7.80	7.66	11.85	10.74	30.00	PASS

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8.4.4 EIRP

802.11b Ch0

CH	Freq. (MHz)	Data Rate	Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	RESULT
1	2412	1	15.70	2.70	18.40	36	PASS
2	2417	1	18.92	2.70	21.62	36	PASS
6	2437	1	19.74	2.70	22.44	36	PASS
9	2452	1	19.68	2.70	22.38	36	PASS
10	2457	1	17.28	2.70	19.98	36	PASS
11	2462	1	15.67	2.70	18.37	36	PASS

802.11b Ch1

CH	Freq. (MHz)	Data Rate	Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	RESULT
1	2412	1	15.60	4.20	19.80	36	PASS
2	2417	1	18.83	4.20	23.03	36	PASS
6	2437	1	19.57	4.20	23.77	36	PASS
9	2452	1	19.52	4.20	23.72	36	PASS
10	2457	1	17.01	4.20	21.21	36	PASS
11	2462	1	15.57	4.20	19.77	36	PASS

802.11b_2TX

CH	Freq. (MHz)	Data Rate	Avg. Output Power (dBm)		Total Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	RESULT
			Ch0	Ch1					
1	2412	1	15.78	15.57	18.69	3.51	22.20	36	PASS
2	2417	1	19.05	18.83	21.95	3.51	25.47	36	PASS
6	2437	1	19.83	19.58	22.72	3.51	26.23	36	PASS
9	2452	1	19.77	19.52	22.66	3.51	26.17	36	PASS
10	2457	1	17.32	17.09	20.22	3.51	23.73	36	PASS
11	2462	1	15.85	15.66	18.77	3.51	22.28	36	PASS

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802.11g Ch0

CH	Freq. (MHz)	Data Rate	Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	RESULT
1	2412	6	11.78	2.70	14.48	36	PASS
2	2417	6	15.73	2.70	18.43	36	PASS
3	2422	6	17.72	2.70	20.42	36	PASS
4	2427	6	18.62	2.70	21.32	36	PASS
6	2437	6	18.71	2.70	21.41	36	PASS
7	2442	6	18.68	2.70	21.38	36	PASS
8	2447	6	17.66	2.70	20.36	36	PASS
9	2452	6	15.90	2.70	18.60	36	PASS
10	2457	6	14.83	2.70	17.53	36	PASS
11	2462	6	11.73	2.70	14.43	36	PASS

802.11g Ch1

CH	Freq. (MHz)	Data Rate	Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	RESULT
1	2412	6	11.58	4.20	15.78	36	PASS
2	2417	6	15.50	4.20	19.70	36	PASS
3	2422	6	17.30	4.20	21.50	36	PASS
4	2427	6	18.44	4.20	22.64	36	PASS
6	2437	6	18.62	4.20	22.82	36	PASS
7	2442	6	18.43	4.20	22.63	36	PASS
8	2447	6	17.31	4.20	21.51	36	PASS
9	2452	6	15.88	4.20	20.08	36	PASS
10	2457	6	14.59	4.20	18.79	36	PASS
11	2462	6	11.53	4.20	15.73	36	PASS

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802.11g_2TX

CH	Freq. (MHz)	Data Rate	Avg. Output Power (dBm)		Total Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	RESULT
			Ch0	Ch1					
1	2412	6	11.94	11.68	14.82	3.51	18.33	36	PASS
2	2417	6	15.79	15.57	18.69	3.51	22.20	36	PASS
3	2422	6	17.86	17.57	20.72	3.51	24.24	36	PASS
4	2427	6	18.84	18.62	21.74	3.51	25.25	36	PASS
6	2437	6	18.90	18.69	21.80	3.51	25.32	36	PASS
7	2442	6	18.88	18.66	21.78	3.51	25.29	36	PASS
8	2447	6	17.82	17.54	20.69	3.51	24.20	36	PASS
9	2452	6	16.02	15.79	18.91	3.51	22.43	36	PASS
10	2457	6	14.88	14.67	17.78	3.51	21.30	36	PASS
11	2462	6	11.88	11.63	14.76	3.51	18.28	36	PASS

802.11n_HT_20M Ch0

CH	Freq. (MHz)	Data Rate	Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	RESULT
1	2412	MCS0	9.75	2.70	12.45	36	PASS
2	2417	MCS0	14.80	2.70	17.50	36	PASS
3	2422	MCS0	17.19	2.70	19.89	36	PASS
4	2427	MCS0	17.74	2.70	20.44	36	PASS
6	2437	MCS0	17.77	2.70	20.47	36	PASS
8	2447	MCS0	17.73	2.70	20.43	36	PASS
9	2452	MCS0	16.27	2.70	18.97	36	PASS
10	2457	MCS0	14.88	2.70	17.58	36	PASS
11	2462	MCS0	11.70	2.70	14.40	36	PASS

802.11n_HT_20M Ch1

CH	Freq. (MHz)	Data Rate	Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	RESULT
1	2412	MCS0	9.67	4.20	13.87	36	PASS
2	2417	MCS0	14.62	4.20	18.82	36	PASS
3	2422	MCS0	16.88	4.20	21.08	36	PASS
4	2427	MCS0	17.53	4.20	21.73	36	PASS
6	2437	MCS0	17.63	4.20	21.83	36	PASS
8	2447	MCS0	17.54	4.20	21.74	36	PASS
9	2452	MCS0	16.01	4.20	20.21	36	PASS
10	2457	MCS0	14.74	4.20	18.94	36	PASS
11	2462	MCS0	11.56	4.20	15.76	36	PASS

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802.11n_HT20M_2TX

CH	Freq. (MHz)	Data Rate	Avg. Output Power (dBm)		Total Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	RESULT
			Ch0	Ch1					
1	2412	MCS0	10.01	9.64	12.84	3.51	16.35	36	PASS
2	2417	MCS0	14.85	14.67	17.77	3.51	21.28	36	PASS
3	2422	MCS0	17.38	17.15	20.28	3.51	23.79	36	PASS
4	2427	MCS0	17.87	17.68	20.78	3.51	24.30	36	PASS
6	2437	MCS0	17.93	17.78	20.86	3.51	24.38	36	PASS
8	2447	MCS0	17.90	17.74	20.83	3.51	24.34	36	PASS
9	2452	MCS0	16.42	16.19	19.32	3.51	22.83	36	PASS
10	2457	MCS0	14.94	14.80	17.88	3.51	21.39	36	PASS
11	2462	MCS0	11.91	11.70	14.82	3.51	18.33	36	PASS

802.11n_HT_40M Ch0

CH	Freq. (MHz)	Data Rate	Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	RESULT
3	2422	MCS0	10.78	2.70	13.48	36	PASS
4	2427	MCS0	12.89	2.70	15.59	36	PASS
5	2432	MCS0	15.78	2.70	18.48	36	PASS
6	2437	MCS0	15.80	2.70	18.50	36	PASS
7	2442	MCS0	14.33	2.70	17.03	36	PASS
8	2447	MCS0	10.96	2.70	13.66	36	PASS
9	2452	MCS0	9.74	2.70	12.44	36	PASS

802.11n_HT_40M Ch1

CH	Freq. (MHz)	Data Rate	Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	RESULT
3	2422	MCS0	10.62	4.20	14.82	36	PASS
4	2427	MCS0	12.51	4.20	16.71	36	PASS
5	2432	MCS0	15.52	4.20	19.72	36	PASS
6	2437	MCS0	15.71	4.20	19.91	36	PASS
7	2442	MCS0	13.96	4.20	18.16	36	PASS
8	2447	MCS0	10.62	4.20	14.82	36	PASS
9	2452	MCS0	9.57	4.20	13.77	36	PASS

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802.11n_HT40M_2TX

CH	Freq. (MHz)	Data Rate	Avg. Output Power (dBm)		Total Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	RESULT
			Ch0	Ch1					
3	2422	MCS0	10.95	10.68	13.82	3.51	17.34	36	PASS
4	2427	MCS0	12.95	12.59	15.78	3.51	19.30	36	PASS
5	2432	MCS0	15.98	15.64	18.82	3.51	22.34	36	PASS
6	2437	MCS0	16.03	15.69	18.87	3.51	22.39	36	PASS
7	2442	MCS0	14.46	14.17	17.32	3.51	20.84	36	PASS
8	2447	MCS0	11.02	10.71	13.88	3.51	17.39	36	PASS
9	2452	MCS0	9.95	9.63	12.80	3.51	16.31	36	PASS

802.11ac_VHT_20M Ch0

CH	Freq. (MHz)	Data Rate	Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	RESULT
1	2412	MCS0	9.79	2.70	12.49	36	PASS
2	2417	MCS0	14.75	2.70	17.45	36	PASS
3	2422	MCS0	16.90	2.70	19.60	36	PASS
4	2427	MCS0	17.46	2.70	20.16	36	PASS
6	2437	MCS0	17.67	2.70	20.37	36	PASS
8	2447	MCS0	17.60	2.70	20.30	36	PASS
9	2452	MCS0	15.87	2.70	18.57	36	PASS
10	2457	MCS0	14.82	2.70	17.52	36	PASS
11	2462	MCS0	11.58	2.70	14.28	36	PASS

802.11ac_VHT_20M Ch1

CH	Freq. (MHz)	Data Rate	Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	RESULT
1	2412	MCS0	9.51	4.20	13.71	36	PASS
2	2417	MCS0	14.57	4.20	18.77	36	PASS
3	2422	MCS0	16.88	4.20	21.08	36	PASS
4	2427	MCS0	17.23	4.20	21.43	36	PASS
6	2437	MCS0	17.54	4.20	21.74	36	PASS
8	2447	MCS0	17.33	4.20	21.53	36	PASS
9	2452	MCS0	15.89	4.20	20.09	36	PASS
10	2457	MCS0	14.69	4.20	18.89	36	PASS
11	2462	MCS0	11.53	4.20	15.73	36	PASS

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802.11ac_VHT20M_2TX

CH	Freq. (MHz)	Data Rate	Avg. Output Power (dBm)		Total Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	RESULT
			Ch0	Ch1					
1	2412	MCS0	9.88	9.59	12.75	3.51	16.26	36	PASS
2	2417	MCS0	14.80	14.63	17.72	3.51	21.24	36	PASS
3	2422	MCS0	17.00	16.81	19.91	3.51	23.43	36	PASS
4	2427	MCS0	17.73	17.49	20.62	3.51	24.13	36	PASS
6	2437	MCS0	17.81	17.57	20.70	3.51	24.21	36	PASS
8	2447	MCS0	17.77	17.53	20.66	3.51	24.17	36	PASS
9	2452	MCS0	16.03	15.80	18.92	3.51	22.44	36	PASS
10	2457	MCS0	14.88	14.75	17.82	3.51	21.34	36	PASS
11	2462	MCS0	11.70	11.50	14.61	3.51	18.12	36	PASS

802.11ac_VHT_40M Ch0

CH	Freq. (MHz)	Data Rate	Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	RESULT
3	2422	MCS0	10.69	2.70	13.39	36	PASS
4	2427	MCS0	12.82	2.70	15.52	36	PASS
5	2432	MCS0	15.67	2.70	18.37	36	PASS
6	2437	MCS0	15.77	2.70	18.47	36	PASS
7	2442	MCS0	13.93	2.70	16.63	36	PASS
8	2447	MCS0	10.91	2.70	13.61	36	PASS
9	2452	MCS0	9.68	2.70	12.38	36	PASS

802.11ac_VHT_40M Ch1

CH	Freq. (MHz)	Data Rate	Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	RESULT
3	2422	MCS0	10.61	4.20	14.81	36	PASS
4	2427	MCS0	12.45	4.20	16.65	36	PASS
5	2432	MCS0	15.34	4.20	19.54	36	PASS
6	2437	MCS0	15.63	4.20	19.83	36	PASS
7	2442	MCS0	13.85	4.20	18.05	36	PASS
8	2447	MCS0	10.58	4.20	14.78	36	PASS
9	2452	MCS0	9.57	4.20	13.77	36	PASS

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802.11ac_VHT40M_2TX

CH	Freq. (MHz)	Data Rate	Avg. Output Power (dBm)		Total Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	RESULT
			Ch0	Ch1					
3	2422	MCS0	10.85	10.70	13.78	3.51	17.30	36	PASS
4	2427	MCS0	12.88	12.53	15.71	3.51	19.23	36	PASS
5	2432	MCS0	15.86	15.61	18.74	3.51	22.26	36	PASS
6	2437	MCS0	15.93	15.69	18.82	3.51	22.33	36	PASS
7	2442	MCS0	14.04	13.82	16.94	3.51	20.45	36	PASS
8	2447	MCS0	10.95	10.66	13.81	3.51	17.33	36	PASS
9	2452	MCS0	9.83	9.66	12.75	3.51	16.27	36	PASS

802.11ax_HE_20M Ch0

CH	Freq. (MHz)	Data Rate	RU Config	Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit	RESULT
1	2412	MCS0	full	9.71	2.70	12.41	36	PASS
			26/0	9.68	2.70	12.38	36	PASS
			52/37	9.64	2.70	12.34	36	PASS
			106/53	9.59	2.70	12.29	36	PASS
2	2417	MCS0	full	14.22	2.70	16.92	36	PASS
3	2422	MCS0	full	16.58	2.70	19.28	36	PASS
4	2427	MCS0	full	17.64	2.70	20.34	36	PASS
6	2437	MCS0	full	17.65	2.70	20.35	36	PASS
7	2442	MCS0	full	17.57	2.70	20.27	36	PASS
8	2447	MCS0	full	16.55	2.70	19.25	36	PASS
9	2452	MCS0	full	15.54	2.70	18.24	36	PASS
10	2457	MCS0	full	13.35	2.70	16.05	36	PASS
11	2462	MCS0	full	11.74	2.70	14.44	36	PASS
			26/8	11.73	2.70	14.43	36	PASS
			52/40	11.65	2.70	14.35	36	PASS
			106/54	11.69	2.70	14.39	36	PASS

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802.11ax_HE_20M Ch1

CH	Freq. (MHz)	Data Rate	RU Config	Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit	RESULT
1	2412	MCS0	full	9.56	4.20	13.76	36	PASS
			26/0	9.54	4.20	13.74	36	PASS
			52/37	9.50	4.20	13.70	36	PASS
			106/53	9.45	4.20	13.65	36	PASS
2	2417	MCS0	full	14.02	4.20	18.22	36	PASS
3	2422	MCS0	full	16.36	4.20	20.56	36	PASS
4	2427	MCS0	full	17.50	4.20	21.70	36	PASS
6	2437	MCS0	full	17.67	4.20	21.87	36	PASS
7	2442	MCS0	full	17.44	4.20	21.64	36	PASS
8	2447	MCS0	full	16.42	4.20	20.62	36	PASS
9	2452	MCS0	full	15.44	4.20	19.64	36	PASS
10	2457	MCS0	full	13.25	4.20	17.45	36	PASS
11	2462	MCS0	full	11.60	4.20	15.80	36	PASS
			26/8	11.59	4.20	15.79	36	PASS
			52/40	11.46	4.20	15.66	36	PASS
			106/54	11.51	4.20	15.71	36	PASS

802.11ax_HE20M_2TX

CH	Freq. (MHz)	Data Rate	RU Config	Avg. Output Power (dBm)		Total Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit	RESULT
				Ch0	Ch1					
1	2412	MCS0	full	9.88	9.73	12.82	3.51	16.33	36	PASS
			26/0	9.73	9.57	12.66	3.51	16.18	36	PASS
			52/37	9.68	9.54	12.62	3.51	16.13	36	PASS
			106/53	9.62	9.50	12.57	3.51	16.08	36	PASS
2	2417	MCS0	full	14.27	14.06	17.18	3.51	20.69	36	PASS
3	2422	MCS0	full	16.78	16.60	19.70	3.51	23.22	36	PASS
4	2427	MCS0	full	17.87	17.66	20.78	3.51	24.29	36	PASS
6	2437	MCS0	full	17.91	17.71	20.82	3.51	24.34	36	PASS
7	2442	MCS0	full	17.80	17.62	20.72	3.51	24.24	36	PASS
8	2447	MCS0	full	16.82	16.65	19.75	3.51	23.26	36	PASS
9	2452	MCS0	full	15.78	15.59	18.70	3.51	22.21	36	PASS
10	2457	MCS0	full	13.40	13.29	16.36	3.51	19.87	36	PASS
11	2462	MCS0	full	11.85	11.70	14.79	3.51	18.30	36	PASS
			26/8	11.76	11.64	14.71	3.51	18.22	36	PASS
			52/40	11.62	11.55	14.60	3.51	18.11	36	PASS
			106/54	11.66	11.57	14.63	3.51	18.14	36	PASS

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802.11ax_HE_40M Ch0

CH	Freq. (MHz)	Data Rate	RU Config	Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit	RESULT
3	2422	MCS0	full	10.75	2.70	13.45	36	PASS
			242/61	10.75	2.70	13.45	36	PASS
4	2427	MCS0	full	13.85	2.70	16.55	36	PASS
5	2432	MCS0	full	15.22	2.70	17.92	36	PASS
6	2437	MCS0	full	15.74	2.70	18.44	36	PASS
7	2442	MCS0	full	13.61	2.70	16.31	36	PASS
8	2447	MCS0	full	10.87	2.70	13.57	36	PASS
9	2452	MCS0	full	8.36	2.70	11.06	36	PASS
			242/62	7.75	2.70	10.45	36	PASS

802.11ax_HE_40M Ch1

CH	Freq. (MHz)	Data Rate	RU Config	Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit	RESULT
3	2422	MCS0	full	10.58	4.20	14.78	36	PASS
			242/61	10.52	4.20	14.72	36	PASS
4	2427	MCS0	full	13.55	4.20	17.75	36	PASS
5	2432	MCS0	full	15.01	4.20	19.21	36	PASS
6	2437	MCS0	full	15.65	4.20	19.85	36	PASS
7	2442	MCS0	full	13.37	4.20	17.57	36	PASS
8	2447	MCS0	full	10.62	4.20	14.82	36	PASS
9	2452	MCS0	full	8.21	4.20	12.41	36	PASS
			242/62	7.60	4.20	11.80	36	PASS

802.11ax_HE40M_2TX

CH	Freq. (MHz)	Data Rate	RU Config	Avg. Output Power (dBm)		Total Avg. Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit	RESULT
				Ch0	Ch1					
3	2422	MCS0	full	10.92	10.76	13.85	3.51	17.36	36	PASS
			242/61	10.79	10.55	13.68	3.51	17.19	36	PASS
4	2427	MCS0	full	13.90	13.61	16.76	3.51	20.28	36	PASS
5	2432	MCS0	full	15.43	15.14	18.29	3.51	21.81	36	PASS
6	2437	MCS0	full	15.91	15.63	18.78	3.51	22.29	36	PASS
7	2442	MCS0	full	13.88	13.58	16.74	3.51	20.25	36	PASS
8	2447	MCS0	full	10.94	10.69	13.82	3.51	17.34	36	PASS
9	2452	MCS0	full	8.43	8.24	11.34	3.51	14.86	36	PASS
			242/62	7.80	7.66	10.74	3.51	14.25	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:

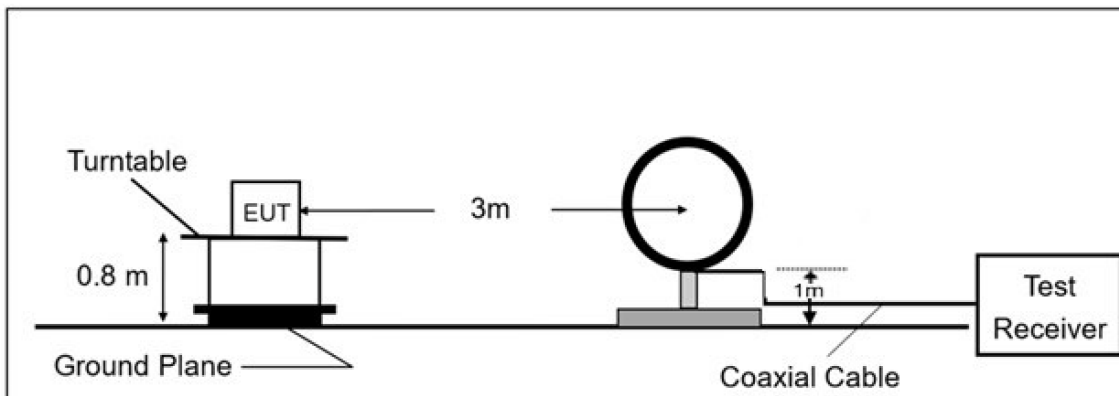
1. The lower limit shall apply at the transition frequencies.

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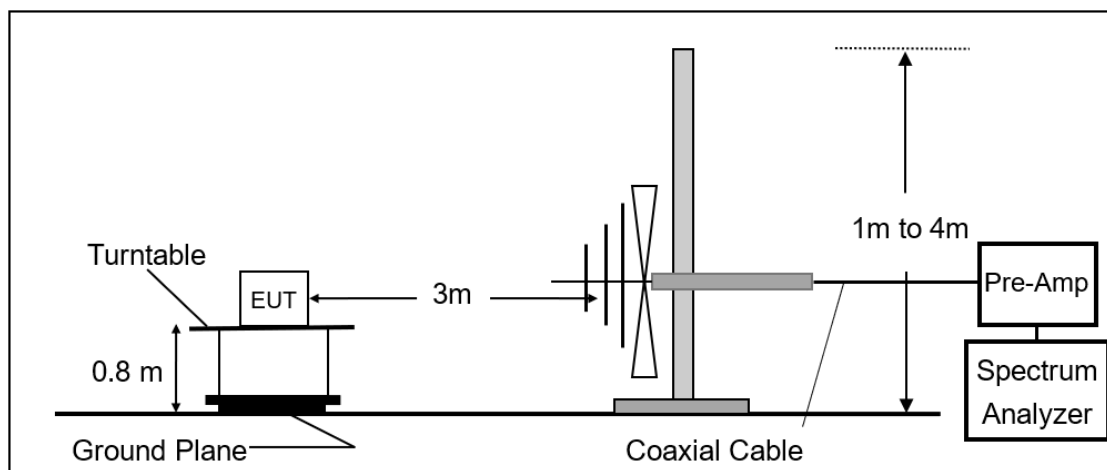
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9.2 Test Setup

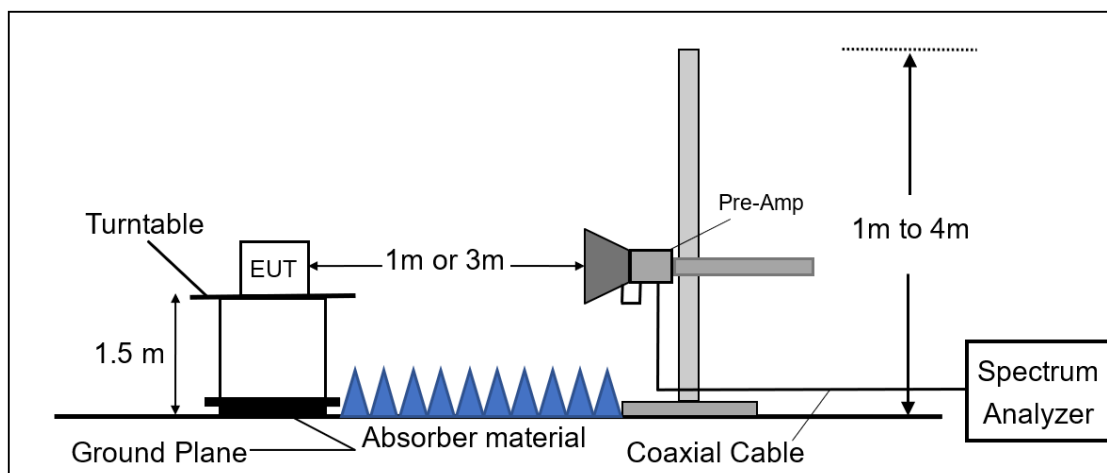
(A) Radiated Emission Test Set-Up, Frequency Below 30MHz.



(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, Detector= Peak for Maximum Emission Measurements at frequency above 1 GHz.
8. Set the spectrum analyzer as RBW=1 MHz, VBW=3 MHz, Detector= RMS correction factor is $[10 \log (1 / D)]$ for Average Emission measurements at frequency above 1 GHz when $D \geq 98\%$. If a specific emission is demonstrated to be continuous ($D \geq 98\%$) rather than turning ON and OFF with the transmit cycle, then no duty cycle correction is required for that emission, where D is the duty cycle.
9. Set the spectrum analyzer as RBW=1 MHz, VBW $\geq 1/T$ when $D < 98\%$ for Average Emission Measurements at frequency above 1 GHz.
10. When measurement procedures for electric field radiated emissions above 1 GHz the EUT measurement is to be made "while keeping the antenna in the 'cone of radiation' from that area and pointed at the area both in azimuth and elevation, with polarization oriented for maximum response." is still within the 3dB illumination BW of the measurement antenna.
11. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
12. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
13. Repeat above procedures until all default test channel measured were complete.

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:

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$$FS = RA + AF + CL - AG$$

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(dBuV/m) = SPA. Reading level(dBuV) + Factor(dB)

Factor(dB) = Antenna Factor(dB/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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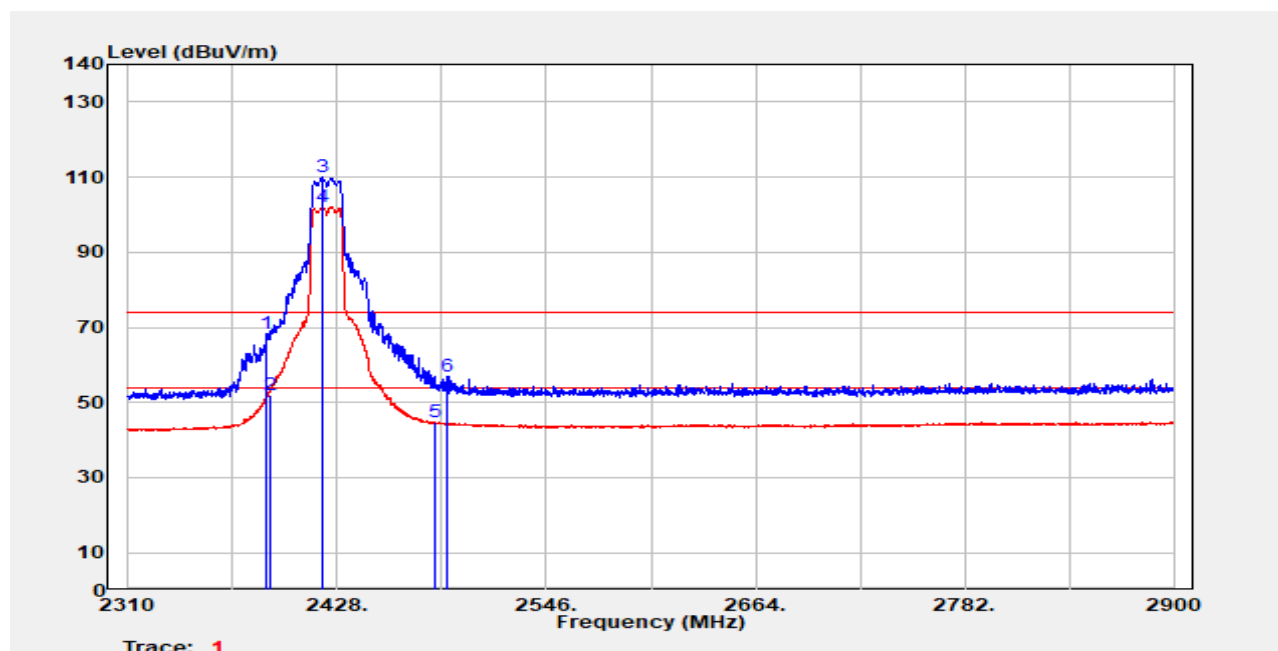
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9.6.1 Radiated Band Edge Measurement Result

Test Site: SAC D

Report Number :TERF2503000904E2
Operation Mode :802.11g
Test Frequency :2422 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC D
Test Date :2025-07-09
Temp./Humi. :22.0°C/65%
Antenna Pol. :Vertical
Engineer :Temo Chen



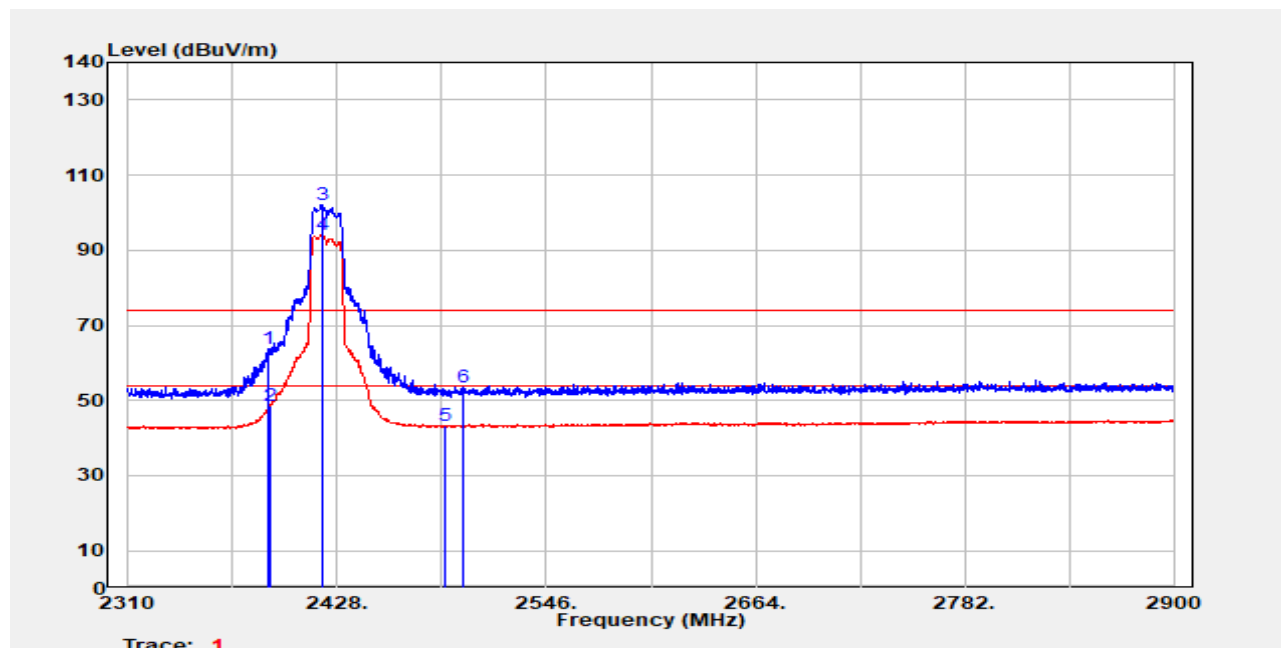
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2388.30	Peak	65.51	2.93	68.44	74.00	-5.56
2389.87	Average	49.14	2.96	52.10	54.00	-1.90
2419.38	Peak	106.92	2.93	109.85	-	-
2419.38	Average	99.20	2.93	102.13	-	-
2483.50	Average	41.68	2.98	44.66	54.00	-9.34
2490.21	Peak	54.09	2.99	57.08	74.00	-16.92

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Report Number :TERF2503000904E2
 Operation Mode :802.11g
 Test Frequency :2422 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-07-09
 Temp./Humi. :22.0°C/65%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2389.48	Peak	60.82	2.95	63.77	74.00	-10.23
2389.68	Average	45.62	2.96	48.58	54.00	-5.42
2419.19	Peak	99.26	2.93	102.19	-	-
2419.19	Average	91.31	2.93	94.24	-	-
2488.44	Average	40.42	2.99	43.41	54.00	-10.59
2498.67	Peak	50.42	3.02	53.44	74.00	-20.56

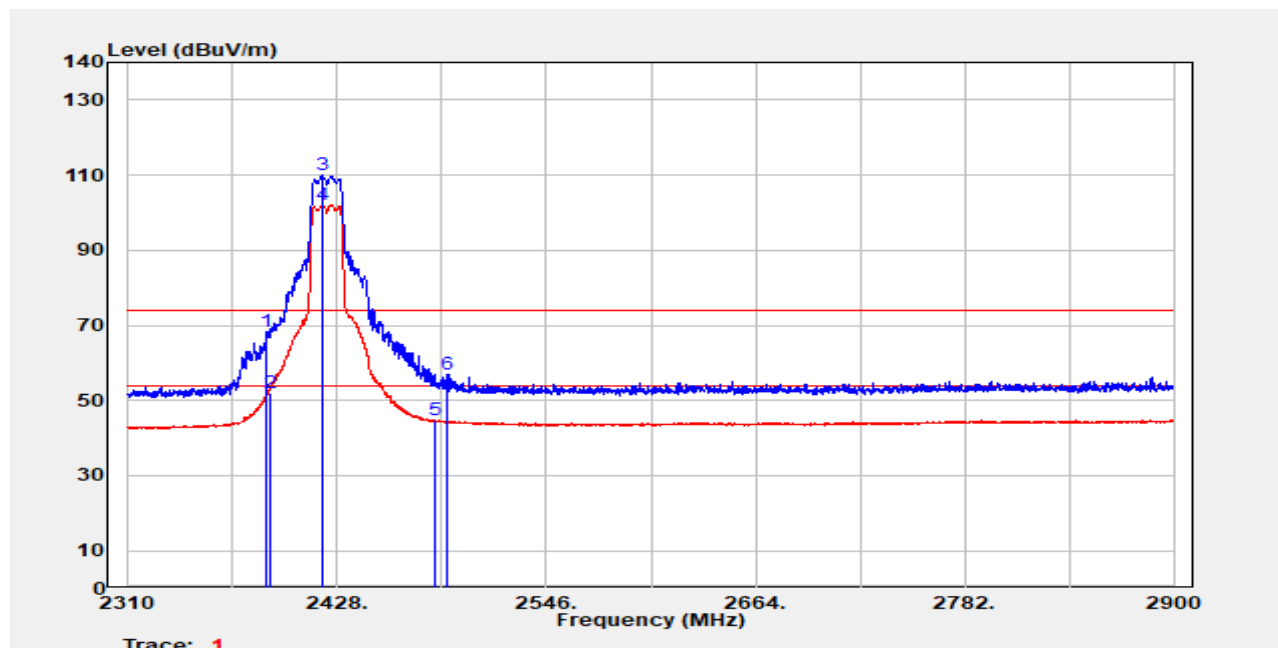
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Report Number :TERF2503000904E2
 Operation Mode :802.11g
 Test Frequency :2422 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-07-09
 Temp./Humi. :22.0°C/65%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



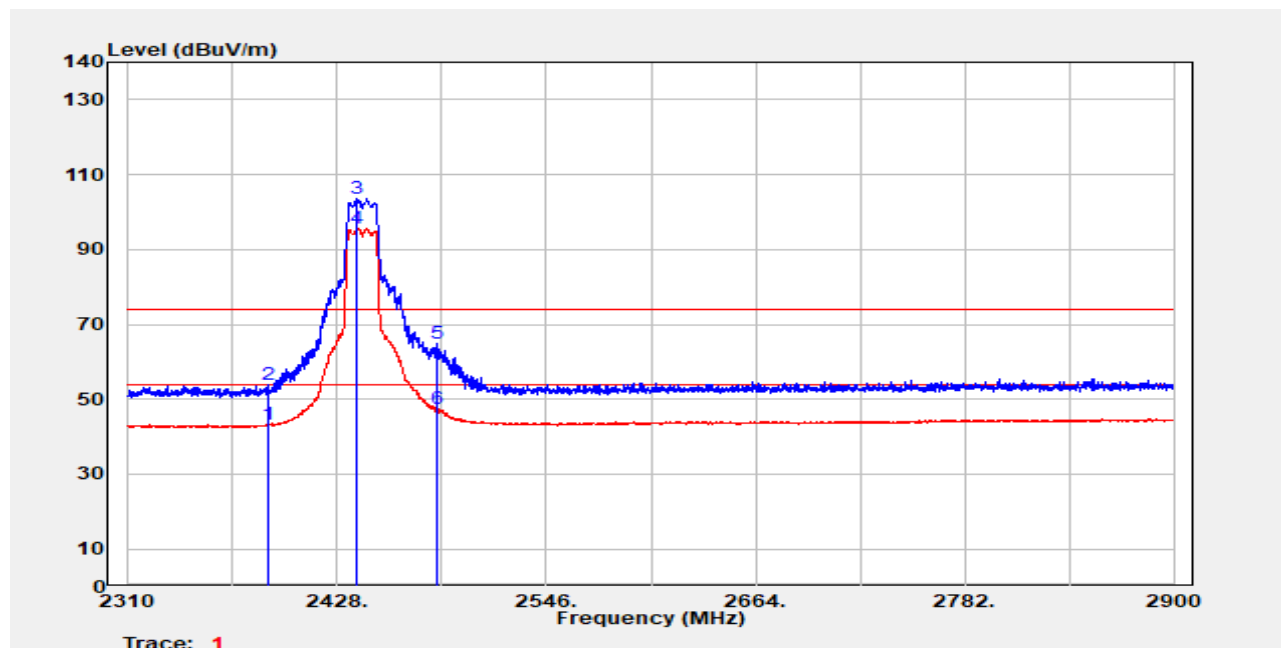
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2388.299	Peak	65.50	2.94	68.44	74.00	-5.56
2389.873	Average	49.14	2.96	52.10	54.00	-1.90
2419.383	Peak	106.92	2.93	109.85	-	-
2419.383	Average	99.20	2.93	102.13	-	-
2483.500	Average	41.68	2.98	44.66	54.00	-9.34
2490.207	Peak	54.08	3.00	57.08	74.00	-16.92

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Report Number :TERF2503000904E2
 Operation Mode :802.11g
 Test Frequency :2442 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-07-09
 Temp./Humi. :22.0°C/65%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2388.89	Average	40.29	2.95	43.24	54.00	-10.76
2389.09	Peak	50.89	2.95	53.84	74.00	-20.16
2438.86	Peak	100.71	2.98	103.69	-	-
2438.86	Average	92.63	2.98	95.61	-	-
2483.72	Peak	62.07	2.98	65.05	74.00	-8.95
2484.70	Average	44.61	2.99	47.60	54.00	-6.40

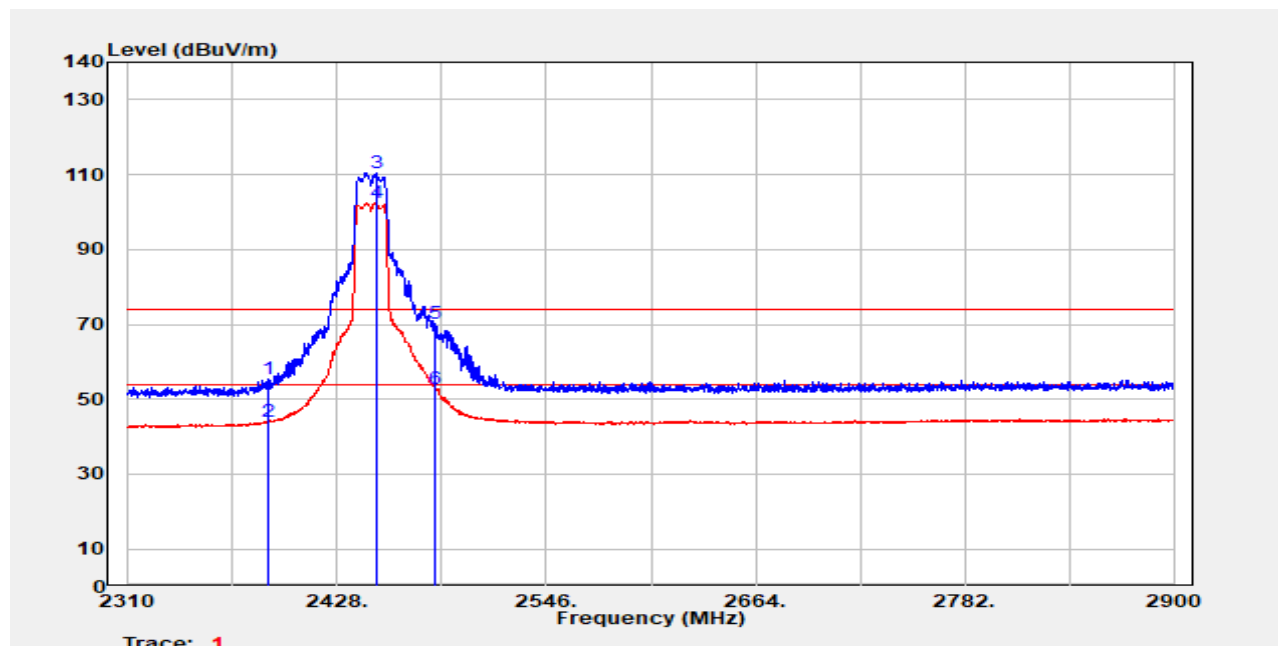
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Report Number :TERF2503000904E2
 Operation Mode :802.11g
 Test Frequency :2447 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-07-09
 Temp./Humi. :22.0°C/65%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



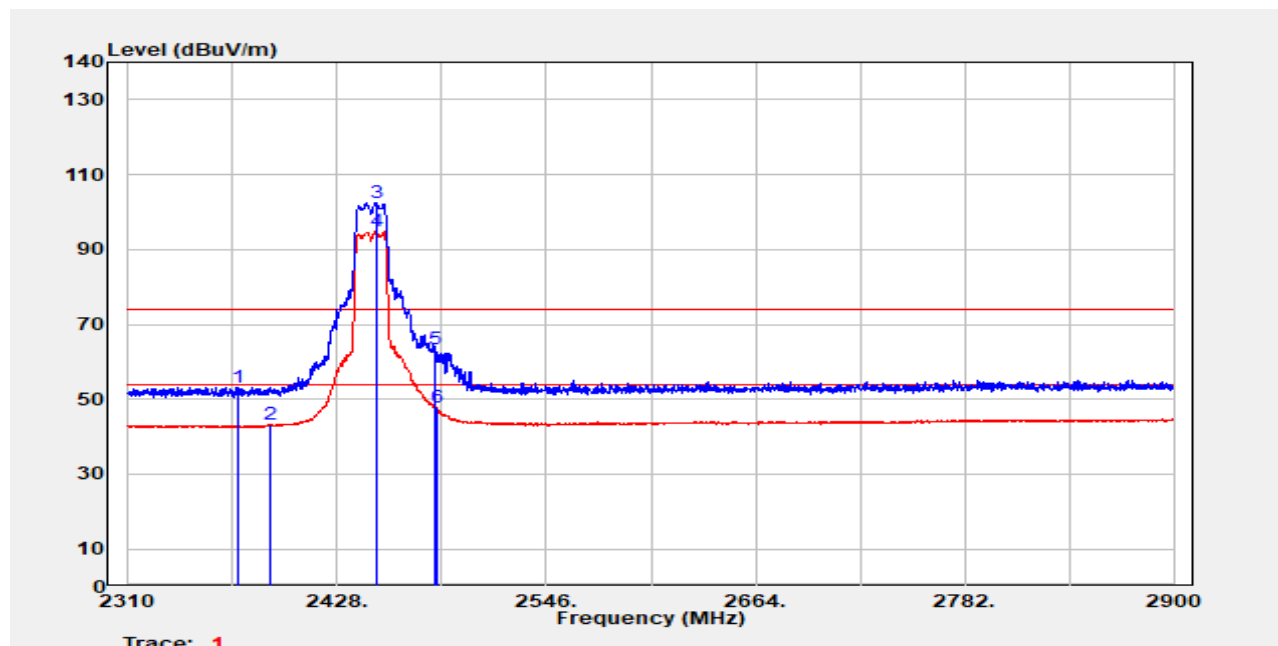
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBUV/m	dBUV/m	dB
2388.69	Peak	52.34	2.95	55.29	74.00	-18.71
2388.89	Average	41.11	2.95	44.06	54.00	-9.94
2449.68	Peak	107.57	2.90	110.47	-	-
2449.68	Average	99.56	2.90	102.46	-	-
2483.50	Peak	67.24	2.98	70.22	74.00	-3.78
2483.50	Average	49.76	2.98	52.74	54.00	-1.26

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Report Number :TERF2503000904E2
 Operation Mode :802.11g
 Test Frequency :2447 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-07-09
 Temp./Humi. :22.0°C/65%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



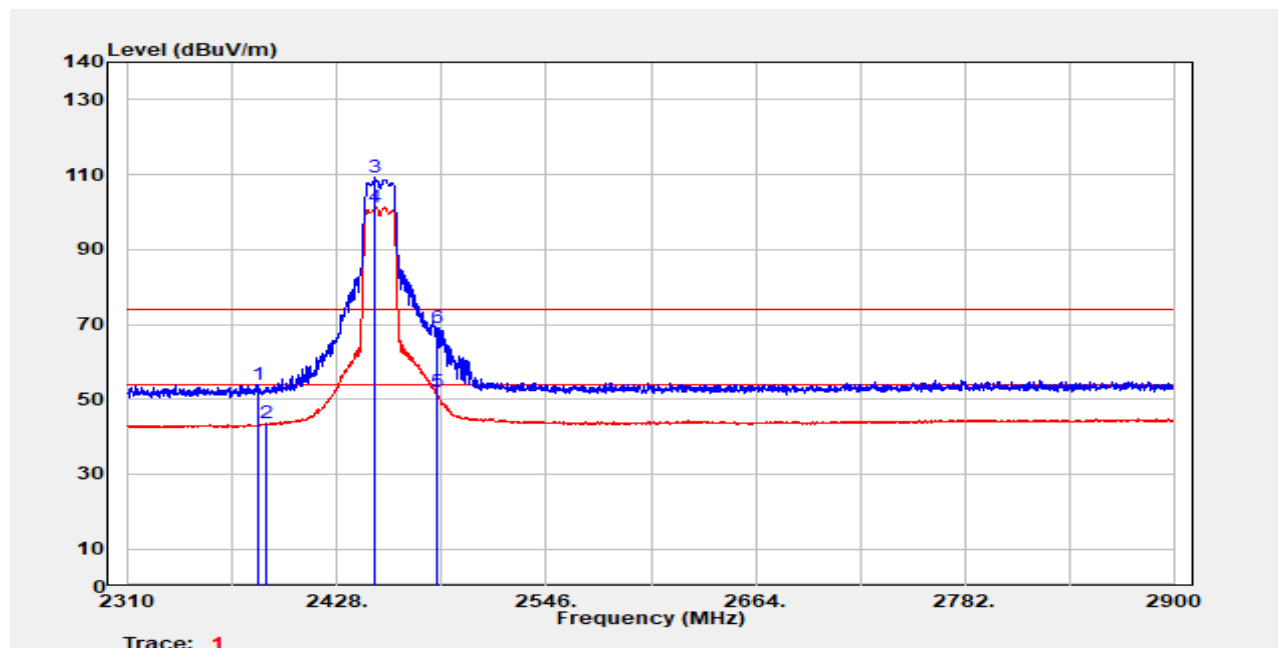
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2371.97	Peak	50.43	2.82	53.25	74.00	-20.75
2389.87	Average	40.35	2.96	43.31	54.00	-10.69
2449.68	Peak	99.70	2.90	102.60	-	-
2449.68	Average	91.79	2.90	94.69	-	-
2483.50	Peak	60.31	2.98	63.29	74.00	-10.71
2484.50	Average	44.70	2.99	47.69	54.00	-6.31

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Report Number :TERF2503000904E2
 Operation Mode :802.11g
 Test Frequency :2452 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-07-09
 Temp./Humi. :22.0°C/65%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



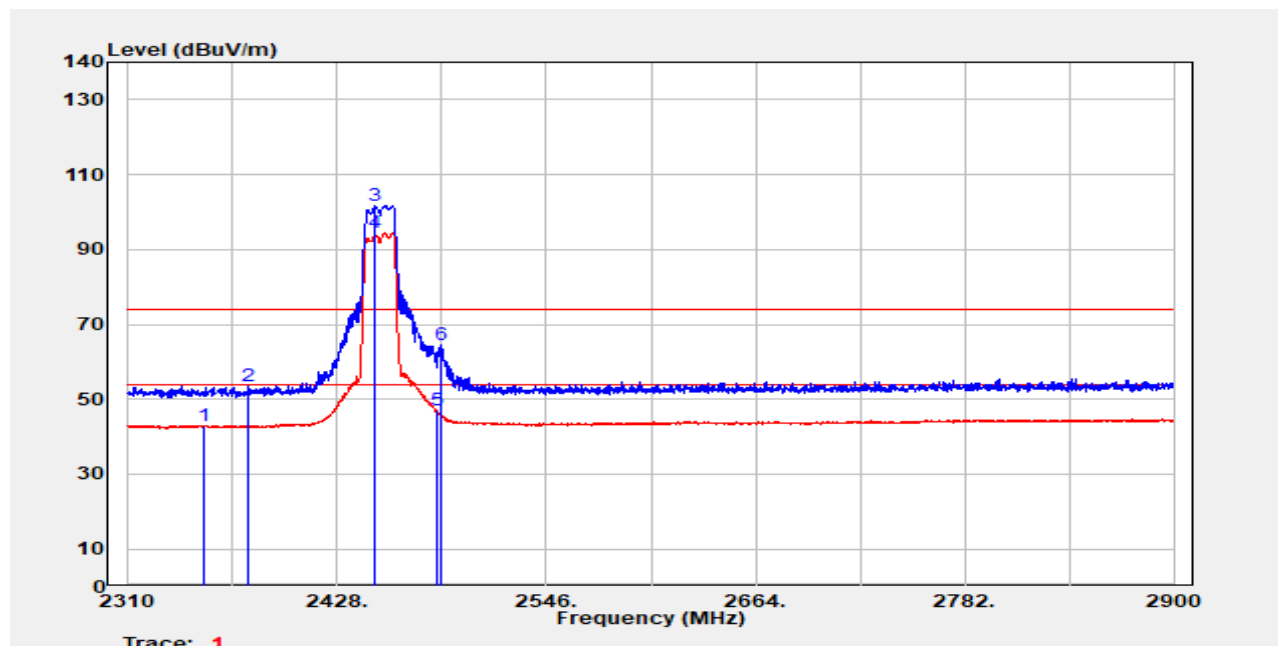
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2383.58	Peak	51.04	2.89	53.93	74.00	-20.07
2387.32	Average	40.60	2.92	43.52	54.00	-10.48
2448.70	Peak	106.38	2.91	109.29	-	-
2448.70	Average	98.42	2.91	101.33	-	-
2483.72	Average	48.88	2.98	51.86	54.00	-2.14
2484.70	Peak	66.21	2.99	69.20	74.00	-4.80

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Report Number :TERF2503000904E2
 Operation Mode :802.11g
 Test Frequency :2452 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-07-09
 Temp./Humi. :22.0°C/65%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



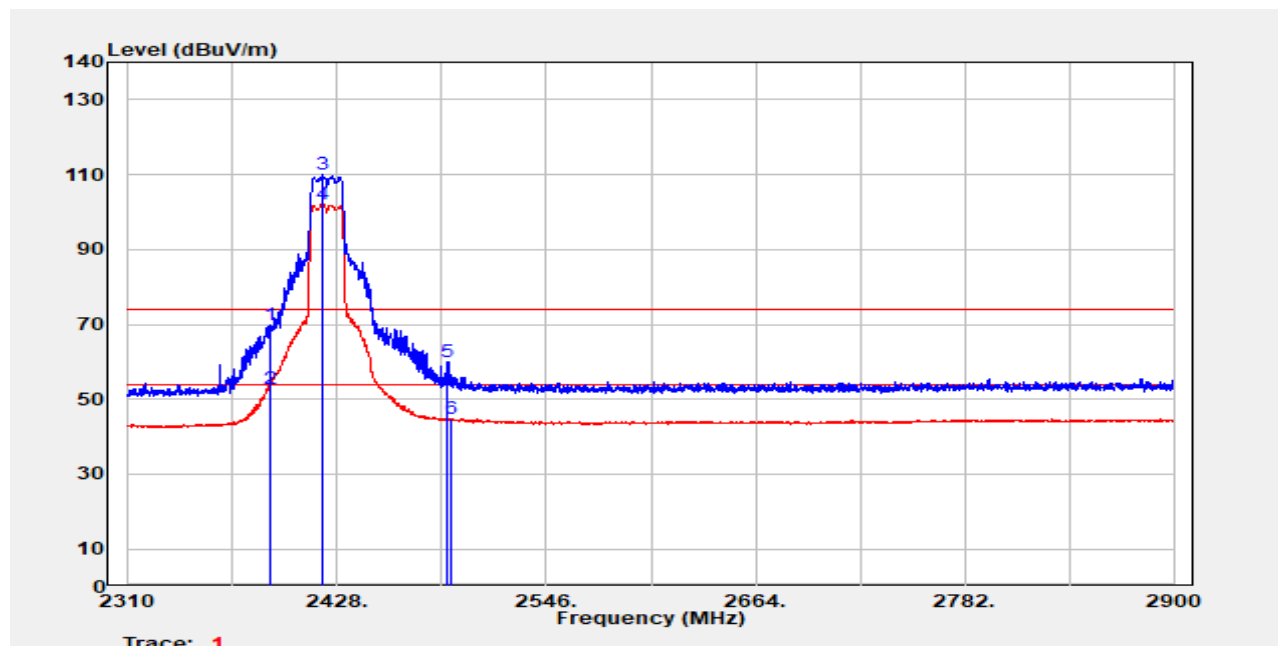
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2353.08	Average	40.06	2.96	43.02	54.00	-10.98
2378.07	Peak	50.57	2.83	53.40	74.00	-20.60
2448.89	Peak	98.84	2.91	101.75	-	-
2448.89	Average	91.48	2.91	94.39	-	-
2483.72	Average	44.13	2.98	47.11	54.00	-6.89
2486.67	Peak	61.42	2.99	64.41	74.00	-9.59

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Report Number :TERF2503000904E2
 Operation Mode :802.11n20
 Test Frequency :2422 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-07-09
 Temp./Humi. :22.0°C/65%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



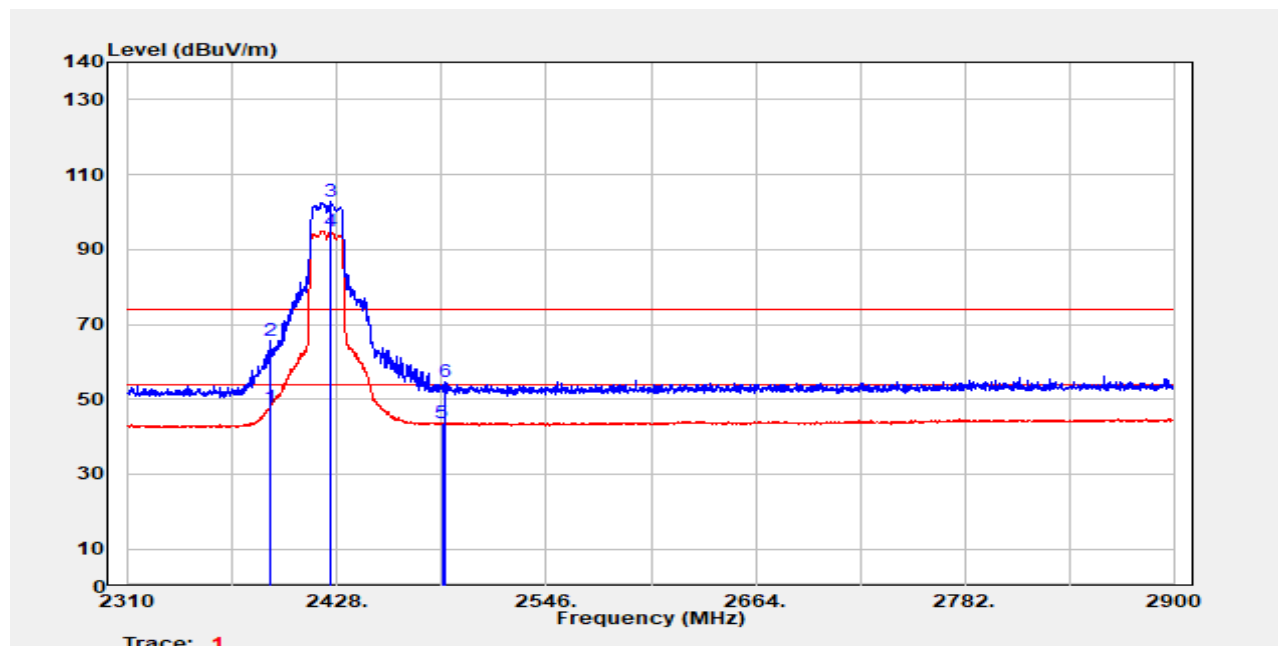
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2389.87	Peak	66.66	2.96	69.62	74.00	-4.38
2389.87	Average	49.89	2.96	52.85	54.00	-1.15
2419.38	Peak	106.97	2.93	109.90	-	-
2419.38	Average	99.09	2.93	102.02	-	-
2490.40	Peak	57.01	2.99	60.00	74.00	-14.00
2491.78	Average	41.86	3.00	44.86	54.00	-9.14

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Report Number :TERF2503000904E2
 Operation Mode :802.11n20
 Test Frequency :2422 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-07-09
 Temp./Humi. :22.0°C/65%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



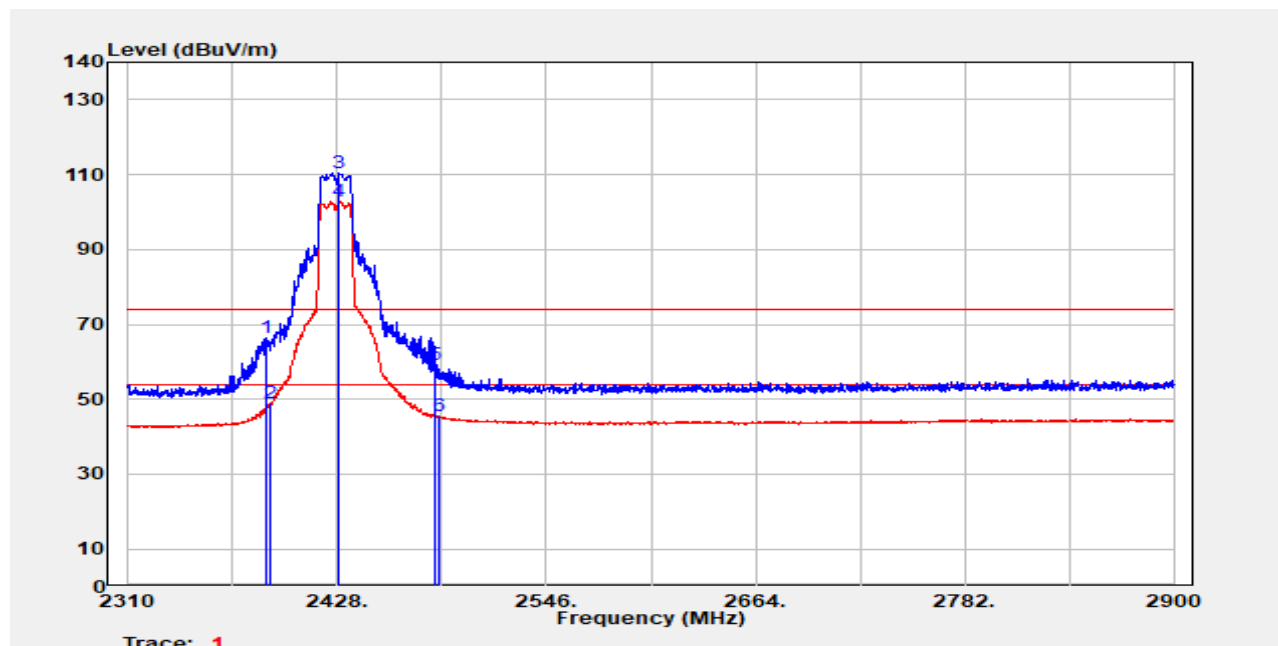
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2389.68	Average	45.03	2.96	47.99	54.00	-6.01
2389.87	Peak	62.70	2.96	65.66	74.00	-8.34
2424.30	Peak	99.66	2.98	102.64	-	-
2424.30	Average	91.94	2.98	94.92	-	-
2487.06	Average	40.72	2.99	43.71	54.00	-10.29
2489.22	Peak	51.47	2.99	54.46	74.00	-19.54

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Report Number :TERF2503000904E2
 Operation Mode :802.11n20
 Test Frequency :2427 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-07-09
 Temp./Humi. :22.0°C/65%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



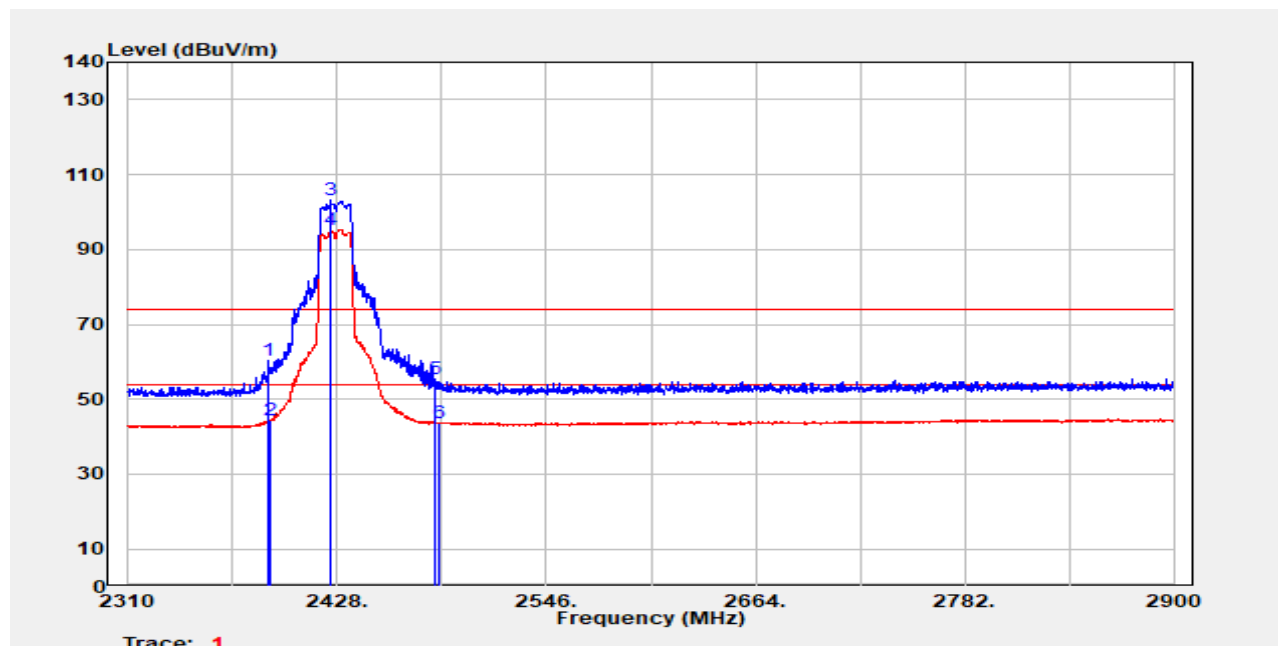
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2387.32	Peak	63.43	2.92	66.35	74.00	-7.65
2389.68	Average	46.11	2.96	49.07	54.00	-4.93
2429.02	Peak	107.35	3.04	110.39	-	-
2429.02	Average	99.68	3.04	102.72	-	-
2483.50	Peak	56.28	2.98	59.26	74.00	-14.74
2485.49	Average	42.52	2.99	45.51	54.00	-8.49

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Report Number :TERF2503000904E2
 Operation Mode :802.11n20
 Test Frequency :2427 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-07-09
 Temp./Humi. :22.0°C/65%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



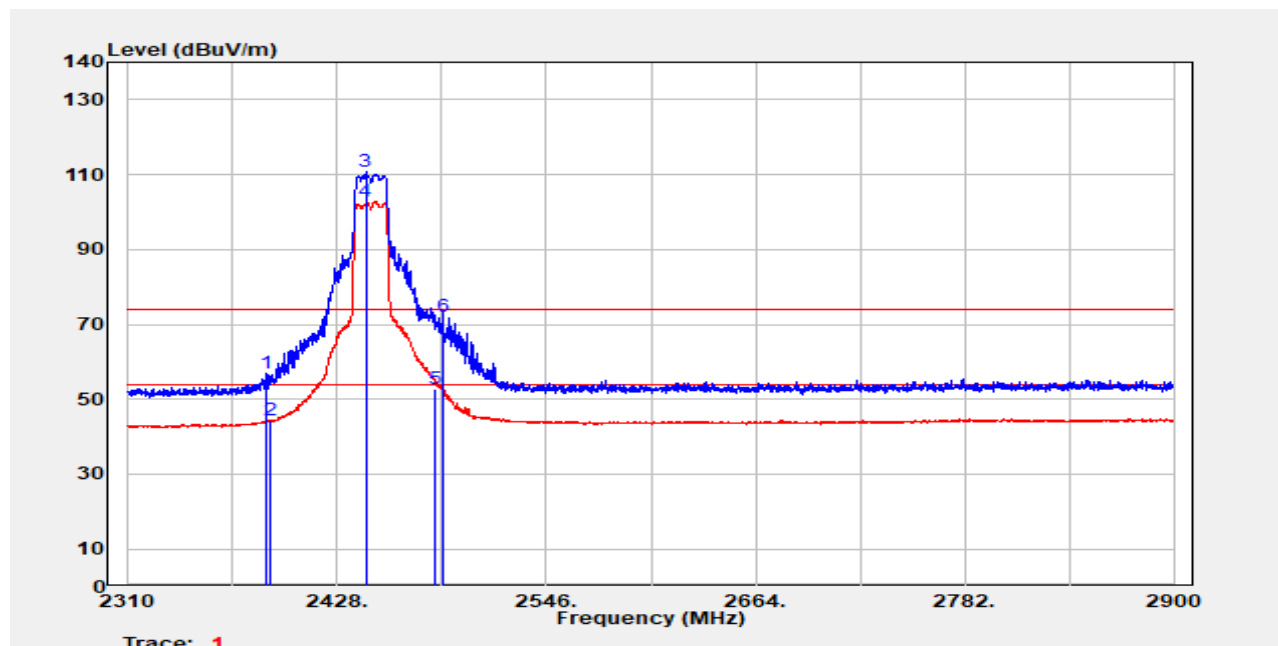
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2389.28	Peak	57.51	2.95	60.46	74.00	-13.54
2389.87	Average	41.36	2.96	44.32	54.00	-9.68
2424.30	Peak	100.09	2.98	103.07	-	-
2424.30	Average	92.41	2.98	95.39	-	-
2483.50	Peak	52.23	2.98	55.21	74.00	-18.79
2485.49	Average	40.81	2.99	43.80	54.00	-10.20

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Report Number :TERF2503000904E2
 Operation Mode :802.11n20
 Test Frequency :2447 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-07-09
 Temp./Humi. :22.0°C/65%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBUV/m	dBUV/m	dB
2387.51	Peak	53.93	2.93	56.86	74.00	-17.14
2389.68	Average	41.42	2.96	44.38	54.00	-9.62
2443.98	Peak	107.77	2.95	110.72	-	-
2443.98	Average	99.77	2.95	102.72	-	-
2483.50	Average	49.75	2.98	52.73	54.00	-1.27
2487.45	Peak	69.13	2.99	72.12	74.00	-1.88

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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

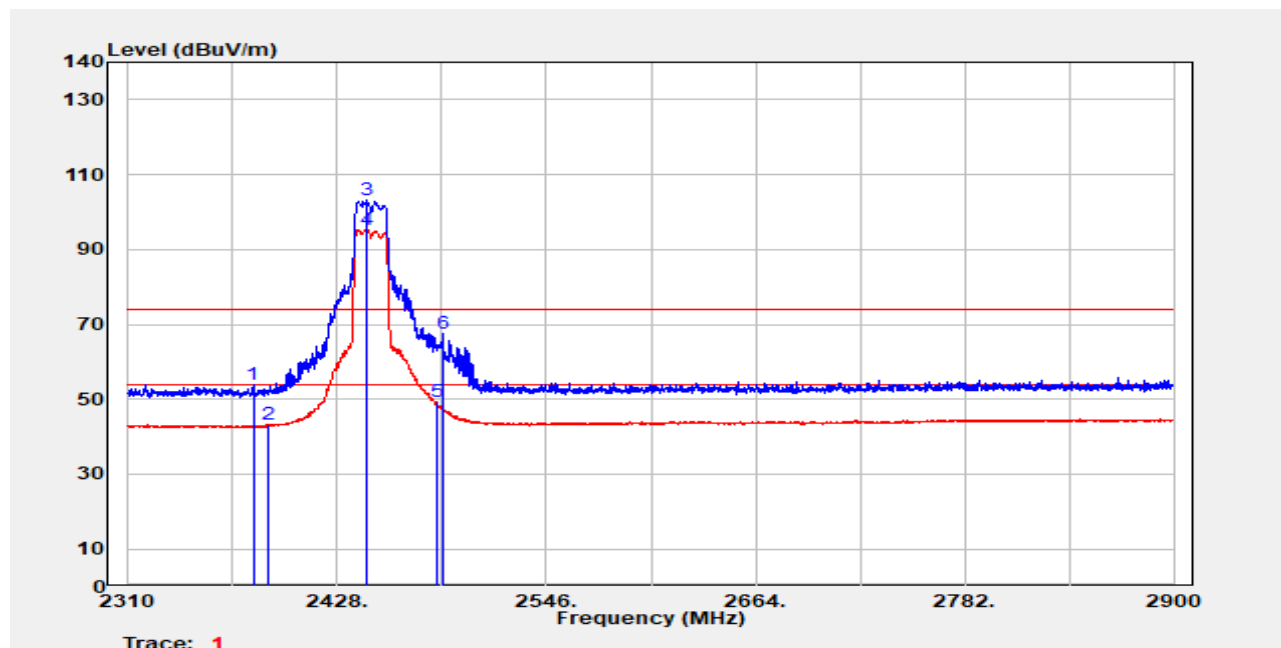
f (886-2) 2298-0488

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Member of SGS Group

Report Number :TERF2503000904E2
 Operation Mode :802.11n20
 Test Frequency :2447 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-07-09
 Temp./Humi. :22.0°C/65%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2380.43	Peak	51.17	2.84	54.01	74.00	-19.99
2389.28	Average	40.40	2.95	43.35	54.00	-10.65
2444.37	Peak	100.11	2.95	103.06	-	-
2444.37	Average	92.37	2.95	95.32	-	-
2483.91	Average	46.26	2.98	49.24	54.00	-4.76
2487.65	Peak	64.52	2.99	67.51	74.00	-6.49

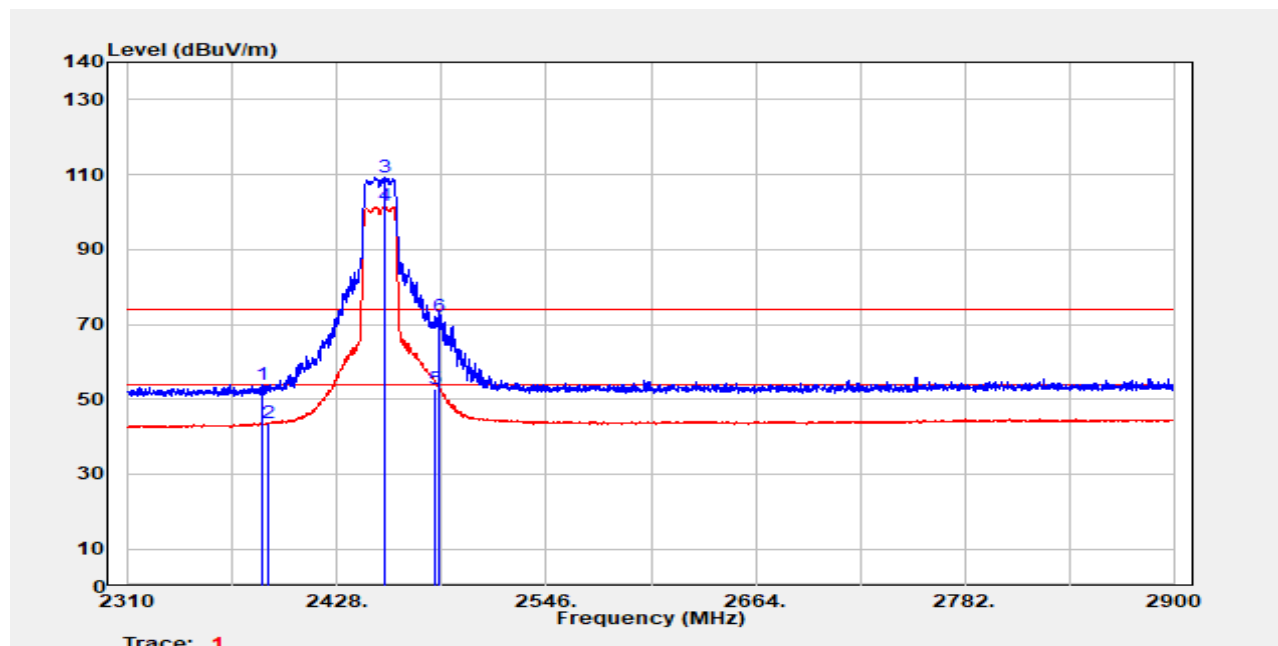
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Report Number :TERF2503000904E2
 Operation Mode :802.11n20
 Test Frequency :2452 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-07-09
 Temp./Humi. :22.0°C/65%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



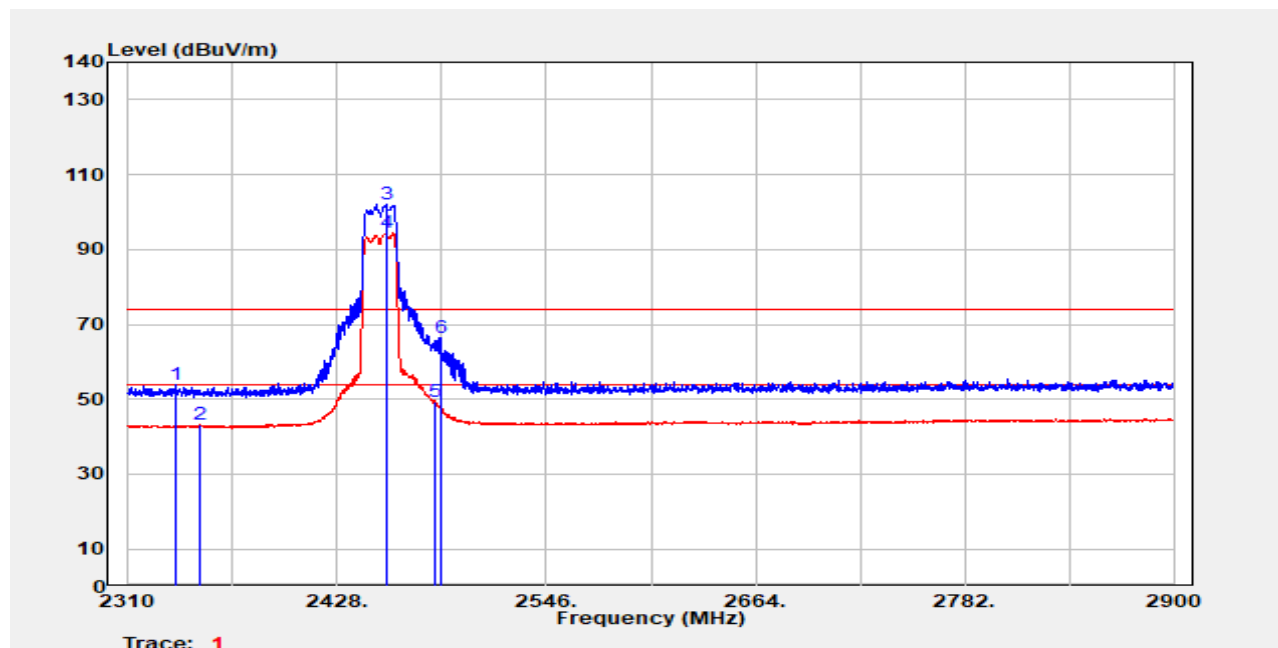
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2385.74	Peak	51.02	2.91	53.93	74.00	-20.07
2389.28	Average	40.72	2.95	43.67	54.00	-10.33
2454.60	Peak	106.55	2.86	109.41	-	-
2454.60	Average	98.78	2.86	101.64	-	-
2483.50	Average	49.77	2.98	52.75	54.00	-1.25
2485.88	Peak	69.08	2.99	72.07	74.00	-1.93

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Report Number :TERF2503000904E2
 Operation Mode :802.11n20
 Test Frequency :2452 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-07-09
 Temp./Humi. :22.0°C/65%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



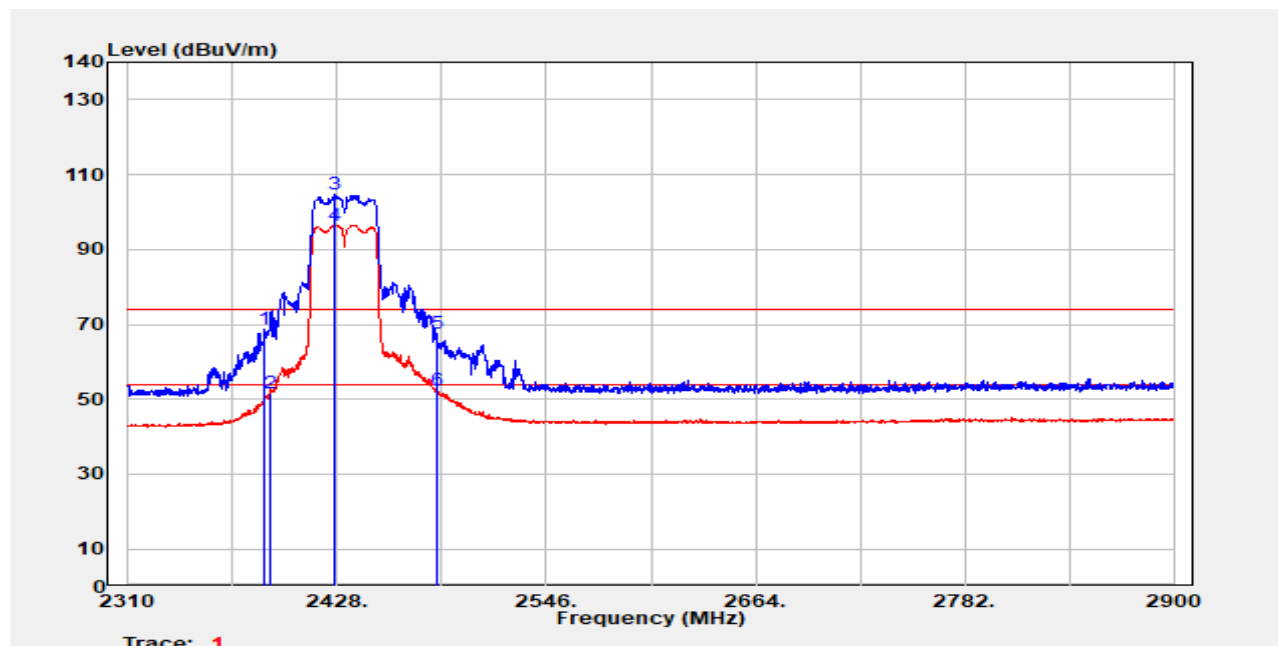
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2336.76	Peak	50.81	2.96	53.77	74.00	-20.23
2350.13	Average	40.21	2.99	43.20	54.00	-10.80
2455.39	Peak	99.15	2.86	102.01	-	-
2455.39	Average	91.52	2.86	94.38	-	-
2483.50	Average	46.51	2.98	49.49	54.00	-4.51
2486.08	Peak	63.44	2.99	66.43	74.00	-7.57

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Report Number :TERF2503000904E2
 Operation Mode :802.11n40
 Test Frequency :2432 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-07-09
 Temp./Humi. :22.0°C/65%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



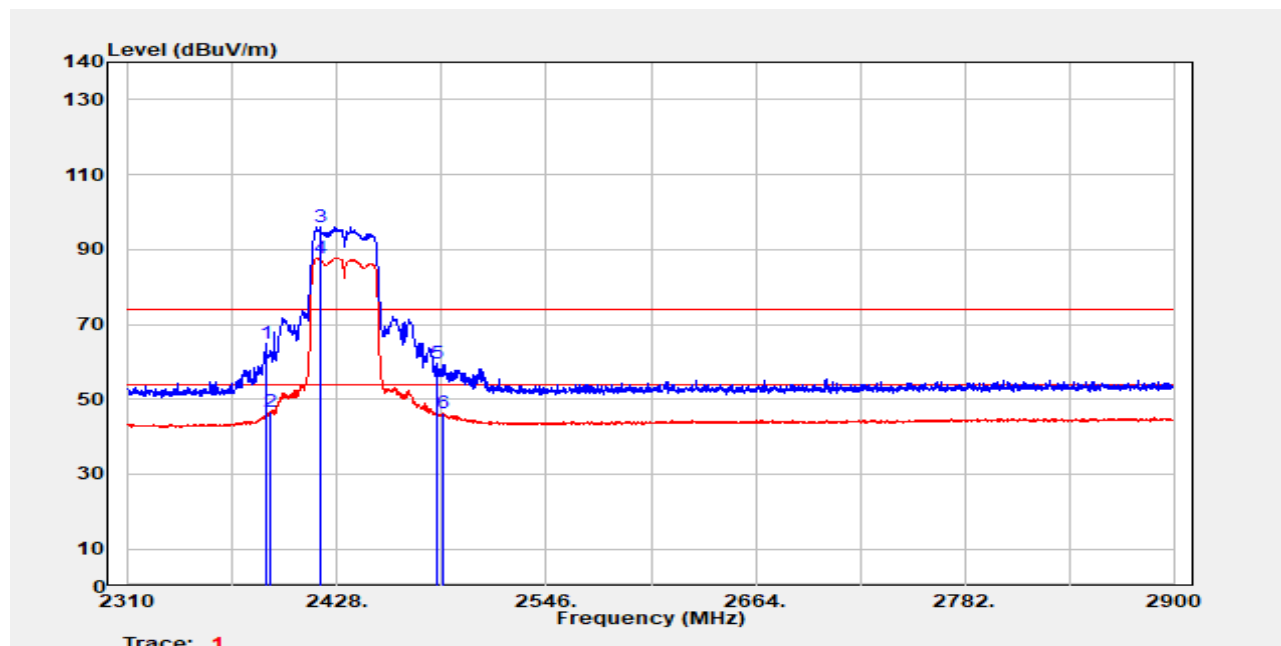
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2386.92	Peak	65.81	2.92	68.73	74.00	-5.27
2389.68	Average	48.53	2.96	51.49	54.00	-2.51
2425.88	Peak	101.61	3.00	104.61	-	-
2425.88	Average	93.42	3.00	96.42	-	-
2483.72	Peak	64.63	2.98	67.61	74.00	-6.39
2484.70	Average	49.18	2.99	52.17	54.00	-1.83

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Report Number :TERF2503000904E2
 Operation Mode :802.11n40
 Test Frequency :2432 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-07-09
 Temp./Humi. :22.0°C/65%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



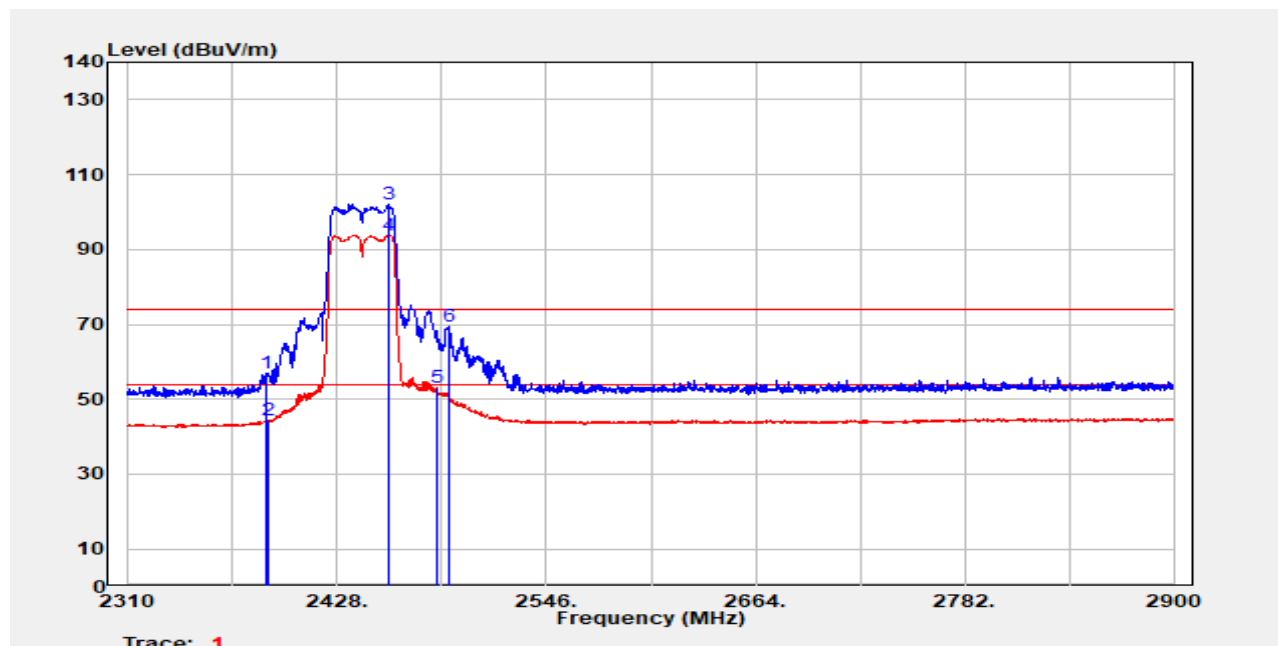
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2387.91	Peak	61.80	2.93	64.73	74.00	-9.27
2389.87	Average	43.53	2.96	46.49	54.00	-7.51
2418.60	Peak	93.04	2.92	95.96	-	-
2418.60	Average	84.86	2.92	87.78	-	-
2484.11	Peak	56.55	2.98	59.53	74.00	-14.47
2487.45	Average	43.26	2.99	46.25	54.00	-7.75

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Report Number :TERF2503000904E2
 Operation Mode :802.11n40
 Test Frequency :2442 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-07-09
 Temp./Humi. :22.0°C/65%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



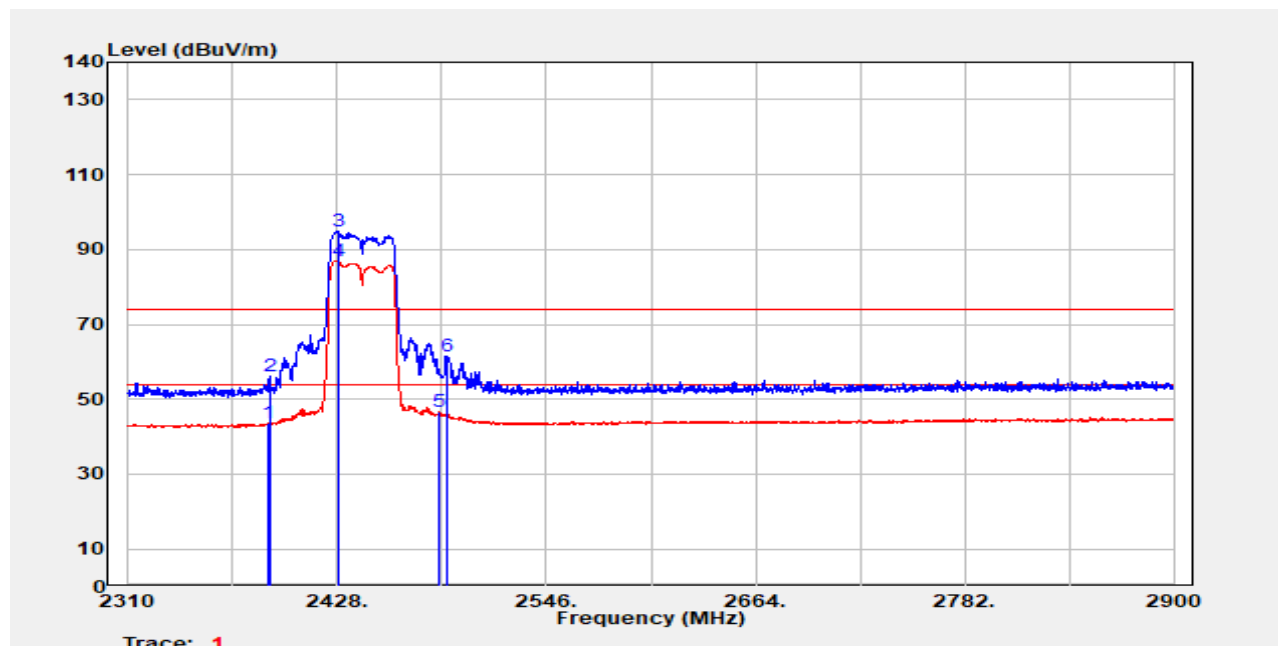
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2387.91	Peak	54.10	2.93	57.03	74.00	-16.97
2389.48	Average	41.51	2.95	44.46	54.00	-9.54
2456.76	Peak	99.35	2.85	102.20	-	-
2456.76	Average	91.04	2.85	93.89	-	-
2483.72	Average	50.02	2.98	53.00	54.00	-1.00
2490.60	Peak	66.26	2.99	69.25	74.00	-4.75

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Report Number :TERF2503000904E2
 Operation Mode :802.11n40
 Test Frequency :2442 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-07-09
 Temp./Humi. :22.0°C/65%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



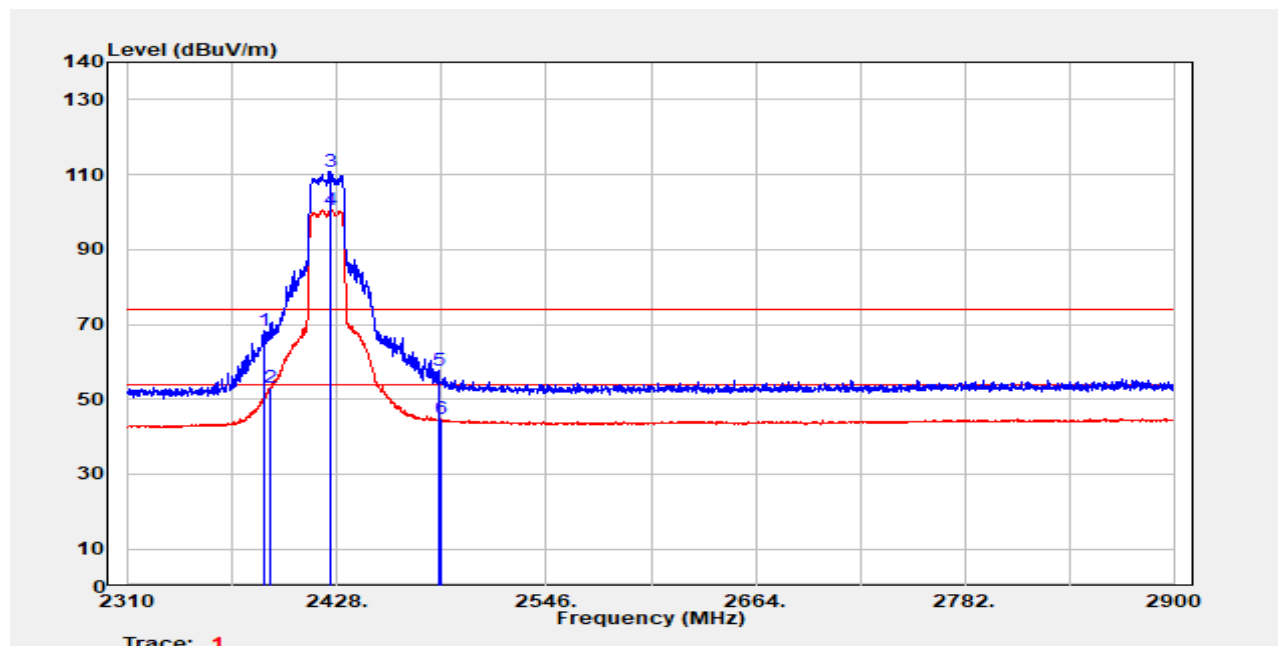
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2389.48	Average	40.66	2.95	43.61	54.00	-10.39
2389.68	Peak	53.21	2.96	56.17	74.00	-17.83
2428.83	Peak	91.74	3.04	94.78	-	-
2428.83	Average	84.00	3.04	87.04	-	-
2485.88	Average	43.70	2.99	46.69	54.00	-7.31
2489.81	Peak	58.59	2.99	61.58	74.00	-12.42

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Report Number :TERF2503000904E2
 Operation Mode :802.11ax20 RU Full
 Test Frequency :2422 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-07-09
 Temp./Humi. :22.0°C/65%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



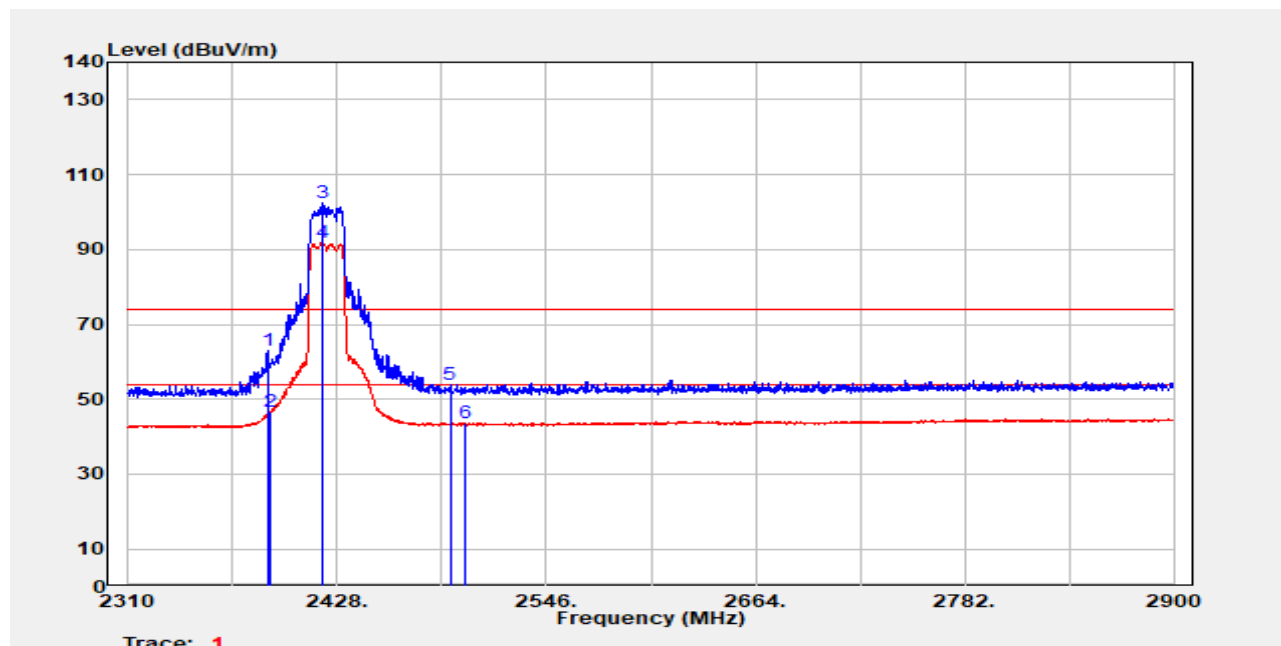
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2386.53	Peak	65.35	2.92	68.27	74.00	-5.73
2389.68	Average	50.03	2.96	52.99	54.00	-1.01
2423.71	Peak	107.91	2.98	110.89	-	-
2423.71	Average	97.48	2.98	100.46	-	-
2485.49	Peak	54.56	2.99	57.55	74.00	-16.45
2486.47	Average	41.65	2.99	44.64	54.00	-9.36

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Report Number :TERF2503000904E2
 Operation Mode :802.11ax20 RU Full
 Test Frequency :2422 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-07-09
 Temp./Humi. :22.0°C/65%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



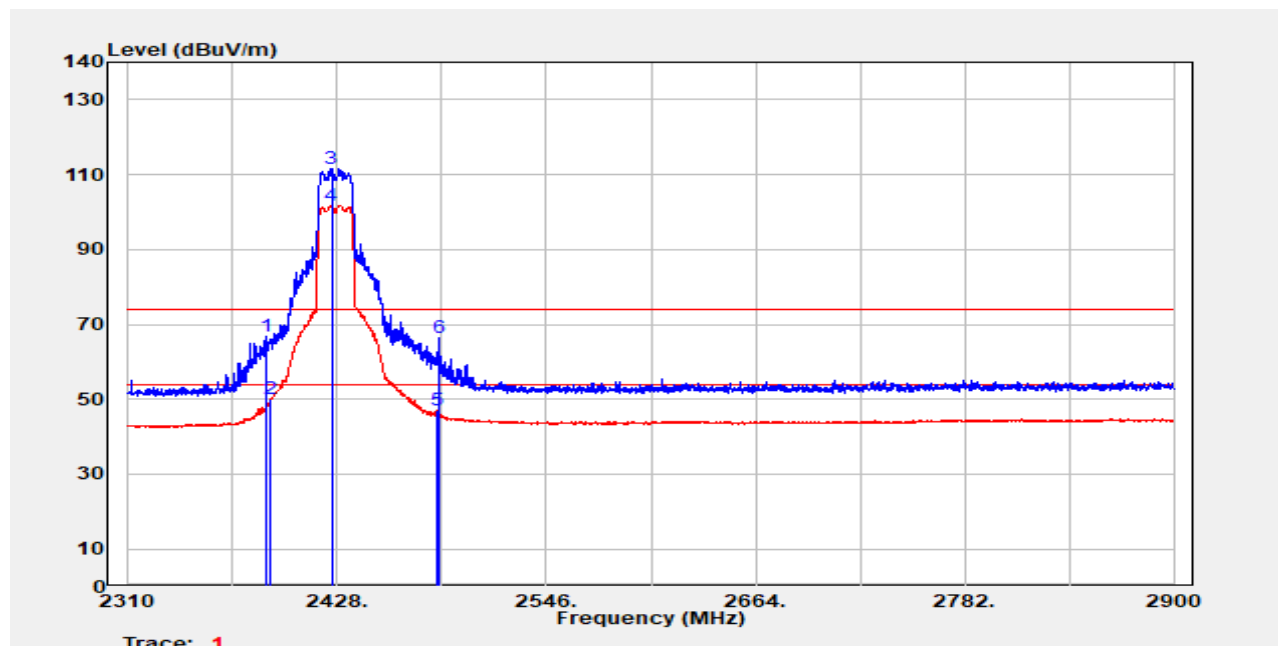
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2388.50	Peak	60.07	2.94	63.01	74.00	-10.99
2389.87	Average	43.74	2.96	46.70	54.00	-7.30
2419.97	Peak	99.46	2.93	102.39	-	-
2419.97	Average	88.90	2.93	91.83	-	-
2491.58	Peak	50.85	3.00	53.85	74.00	-20.15
2499.65	Average	40.59	3.02	43.61	54.00	-10.39

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Report Number :TERF2503000904E2
 Operation Mode :802.11ax20 RU Full
 Test Frequency :2427 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-07-09
 Temp./Humi. :22.0°C/65%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



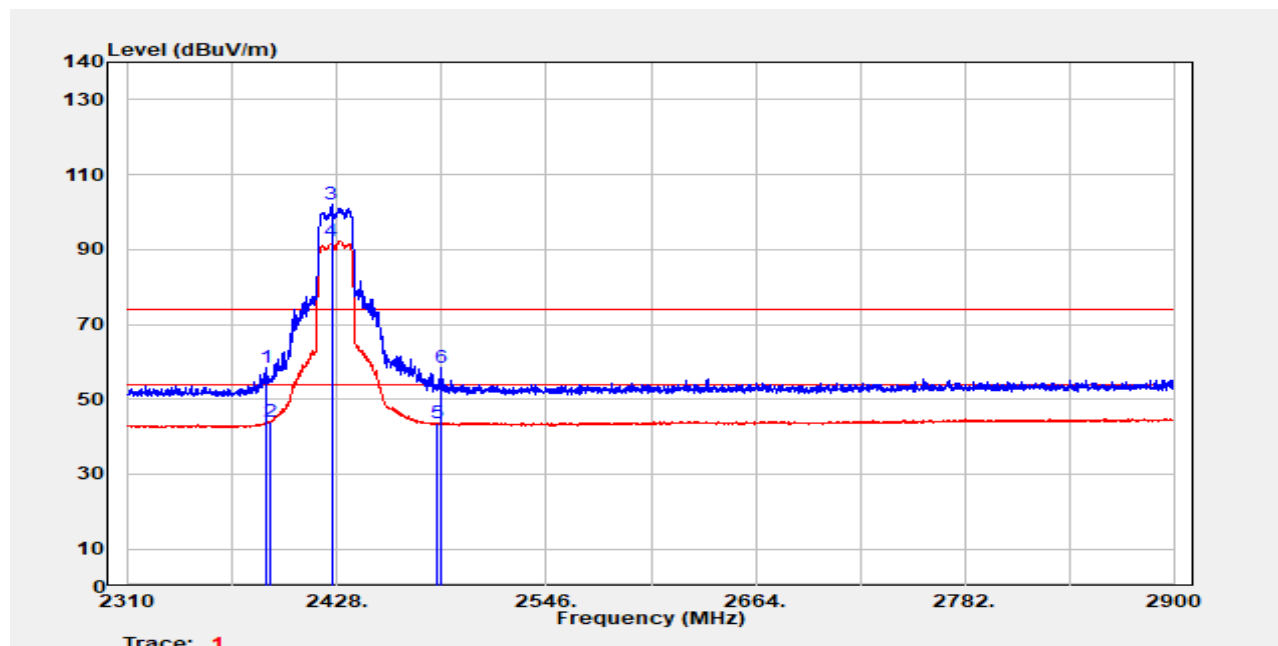
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2388.10	Peak	63.69	2.93	66.62	74.00	-7.38
2389.87	Average	47.19	2.96	50.15	54.00	-3.85
2424.70	Peak	108.65	2.99	111.64	-	-
2424.70	Average	98.76	2.99	101.75	-	-
2483.72	Average	43.90	2.98	46.88	54.00	-7.12
2485.49	Peak	63.24	2.99	66.23	74.00	-7.77

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Report Number :TERF2503000904E2
 Operation Mode :802.11ax20 RU Full
 Test Frequency :2427 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-07-09
 Temp./Humi. :22.0°C/65%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



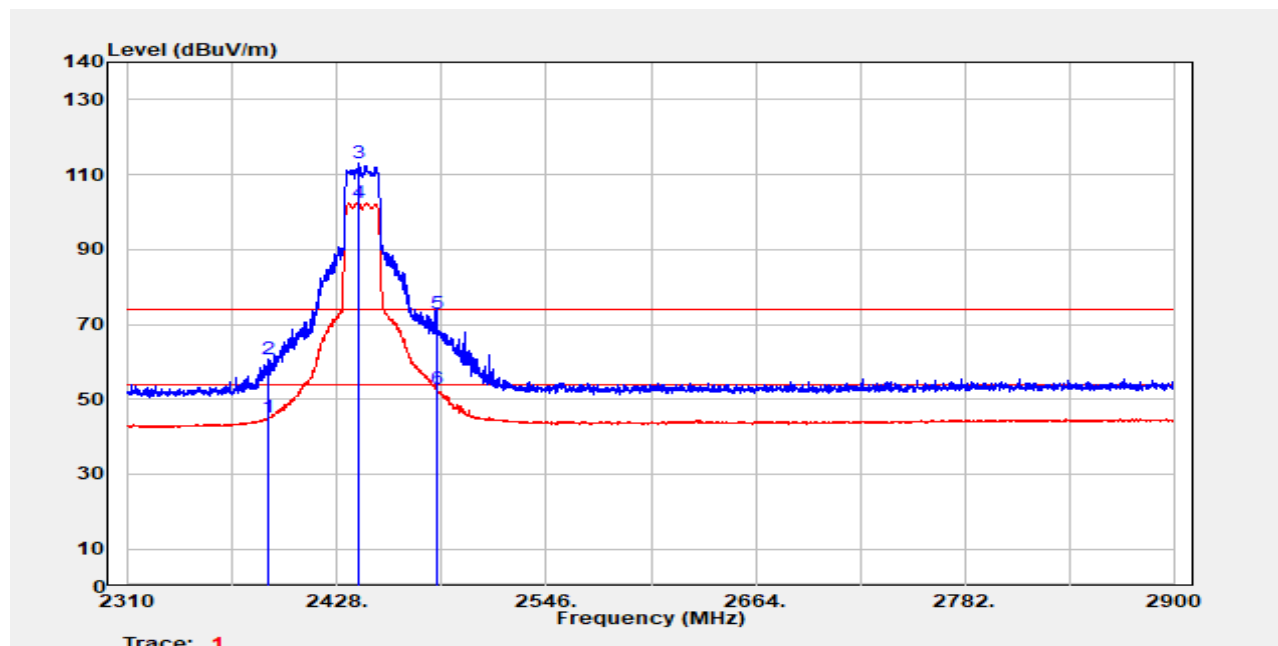
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2388.30	Peak	55.63	2.93	58.56	74.00	-15.44
2389.87	Average	41.12	2.96	44.08	54.00	-9.92
2424.70	Peak	99.21	2.99	102.20	-	-
2424.70	Average	89.14	2.99	92.13	-	-
2484.70	Average	40.80	2.99	43.79	54.00	-10.21
2486.08	Peak	55.50	2.99	58.49	74.00	-15.51

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Report Number :TERF2503000904E2
 Operation Mode :802.11ax20 RU Full
 Test Frequency :2442 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-07-09
 Temp./Humi. :22.0°C/65%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



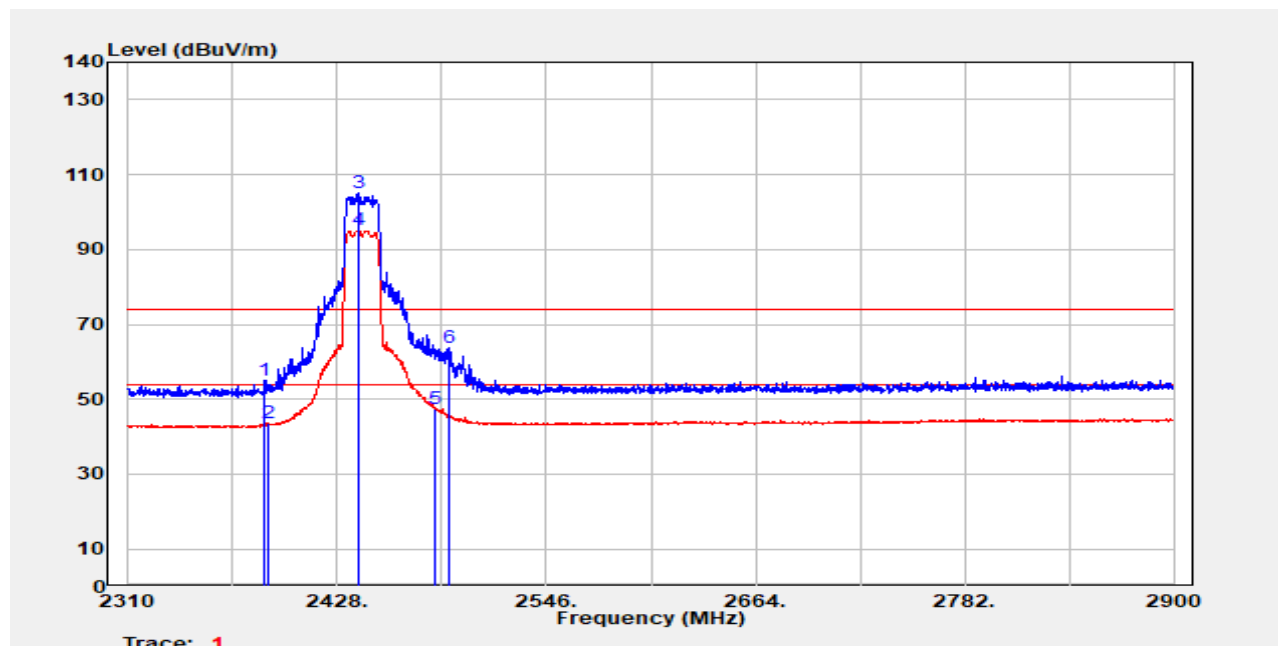
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2389.28	Average	42.19	2.95	45.14	54.00	-8.86
2389.48	Peak	57.69	2.95	60.64	74.00	-13.36
2440.04	Peak	109.92	2.97	112.89	-	-
2440.04	Average	99.65	2.97	102.62	-	-
2483.72	Peak	70.01	2.98	72.99	74.00	-1.01
2483.72	Average	49.82	2.98	52.80	54.00	-1.20

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Report Number :TERF2503000904E2
 Operation Mode :802.11ax20 RU Full
 Test Frequency :2442 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-07-09
 Temp./Humi. :22.0°C/65%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



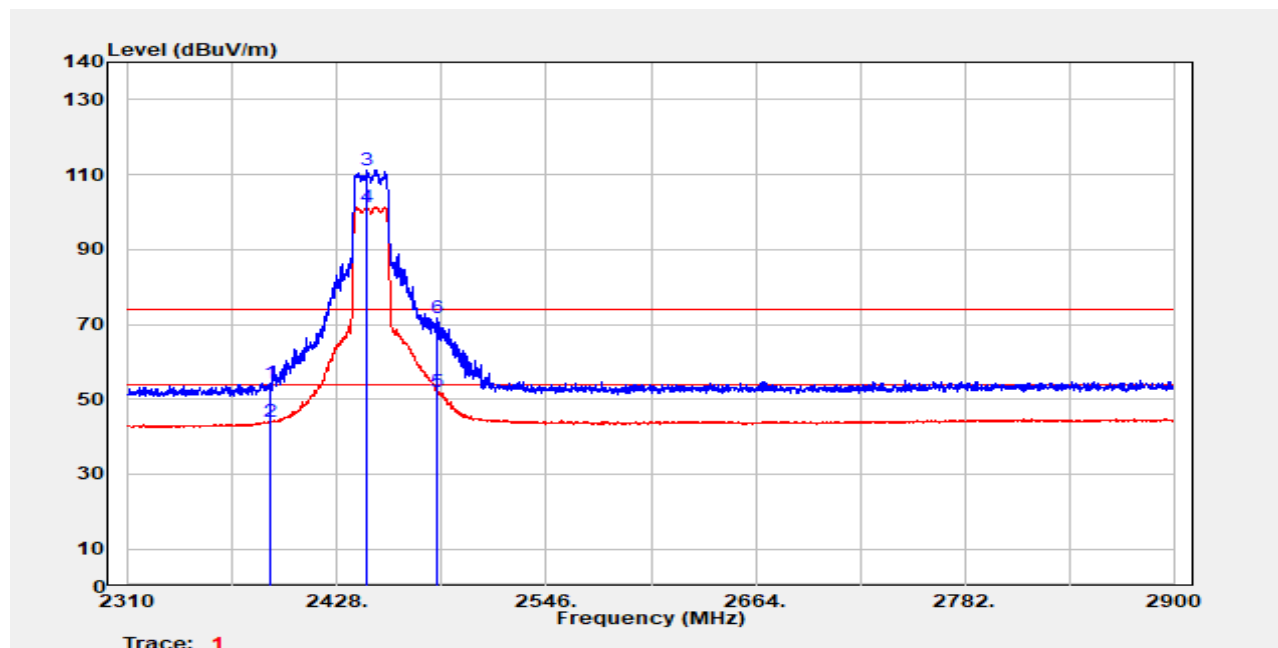
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2387.12	Peak	52.09	2.92	55.01	74.00	-18.99
2389.48	Average	40.56	2.95	43.51	54.00	-10.49
2440.24	Peak	102.28	2.97	105.25	-	-
2440.24	Average	92.13	2.97	95.10	-	-
2483.50	Average	44.56	2.98	47.54	54.00	-6.46
2491.19	Peak	60.60	3.00	63.60	74.00	-10.40

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Report Number :TERF2503000904E2
 Operation Mode :802.11ax20 RU Full
 Test Frequency :2447 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-07-09
 Temp./Humi. :22.0°C/65%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2389.68	Peak	51.45	2.96	54.41	74.00	-19.59
2389.87	Average	41.05	2.96	44.01	54.00	-9.99
2444.37	Peak	108.40	2.95	111.35	-	-
2444.37	Average	98.43	2.95	101.38	-	-
2484.11	Average	49.16	2.98	52.14	54.00	-1.86
2484.31	Peak	68.75	2.98	71.73	74.00	-2.27

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

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

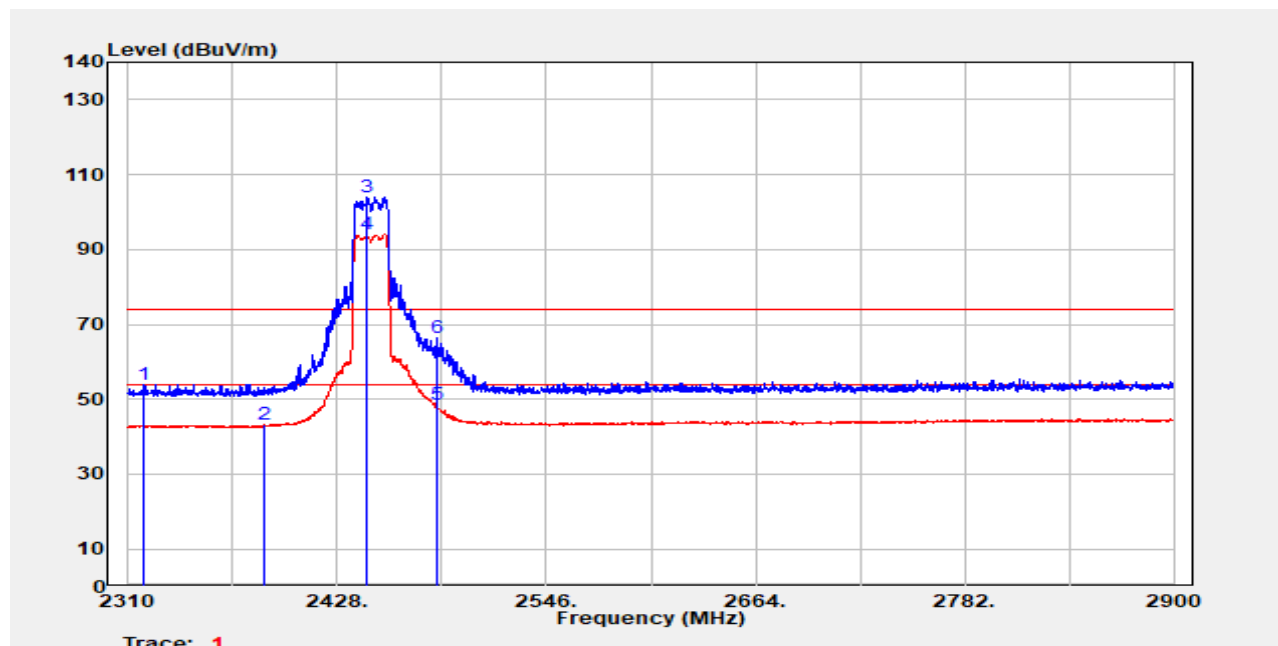
f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

Report Number :TERF2503000904E2
 Operation Mode :802.11ax20 RU Full
 Test Frequency :2447 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-07-09
 Temp./Humi. :22.0°C/65%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



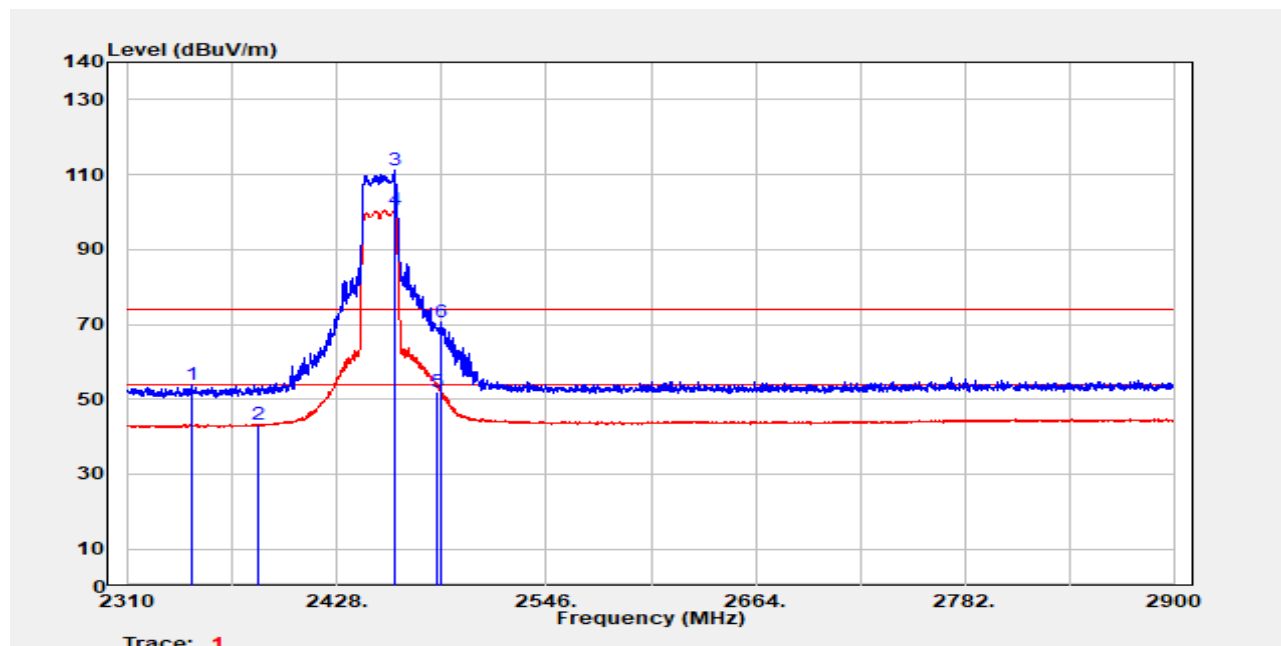
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2319.05	Peak	50.85	3.11	53.96	74.00	-20.04
2386.33	Average	40.22	2.91	43.13	54.00	-10.87
2444.76	Peak	101.15	2.94	104.09	-	-
2444.76	Average	91.29	2.94	94.23	-	-
2483.72	Average	45.58	2.98	48.56	54.00	-5.44
2483.91	Peak	63.60	2.98	66.58	74.00	-7.42

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Report Number :TERF2503000904E2
 Operation Mode :802.11ax20 RU Full
 Test Frequency :2452 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-07-09
 Temp./Humi. :22.0°C/65%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



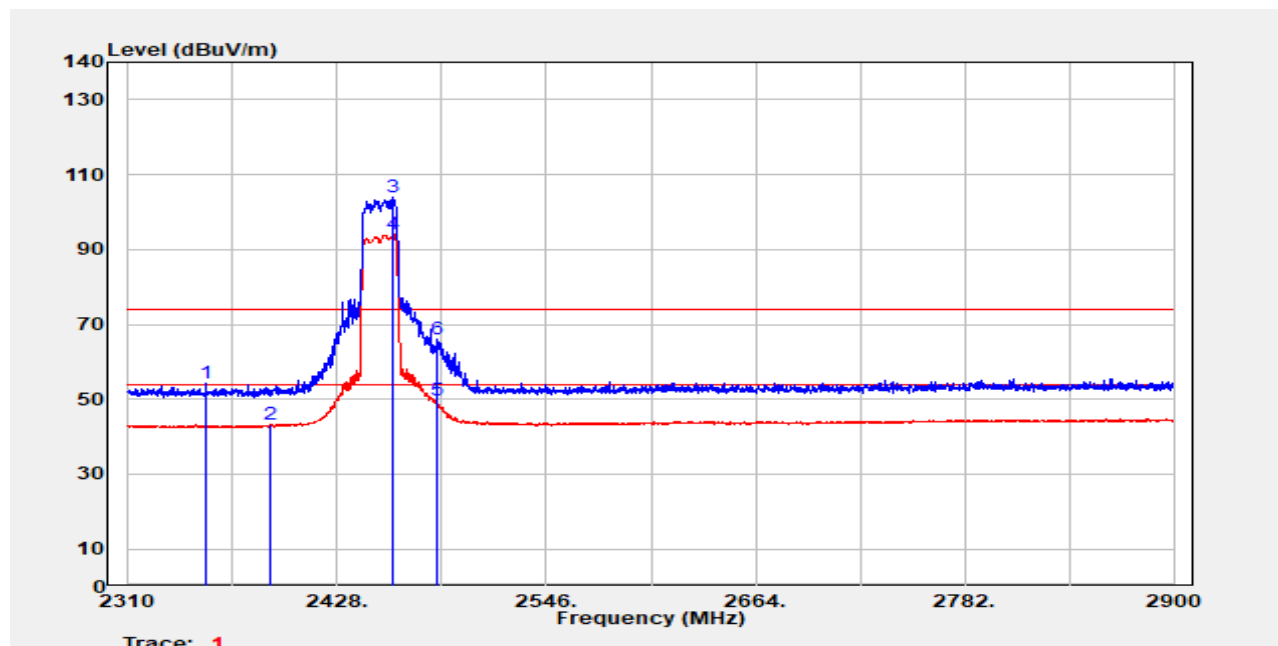
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2345.61	Peak	50.97	2.97	53.94	74.00	-20.06
2383.38	Average	40.49	2.88	43.37	54.00	-10.63
2459.91	Peak	108.18	2.83	111.01	-	-
2459.91	Average	97.60	2.83	100.43	-	-
2483.91	Average	49.00	2.98	51.98	54.00	-2.02
2486.67	Peak	67.45	2.99	70.44	74.00	-3.56

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Report Number :TERF2503000904E2
 Operation Mode :802.11ax20 RU Full
 Test Frequency :2452 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-07-09
 Temp./Humi. :22.0°C/65%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



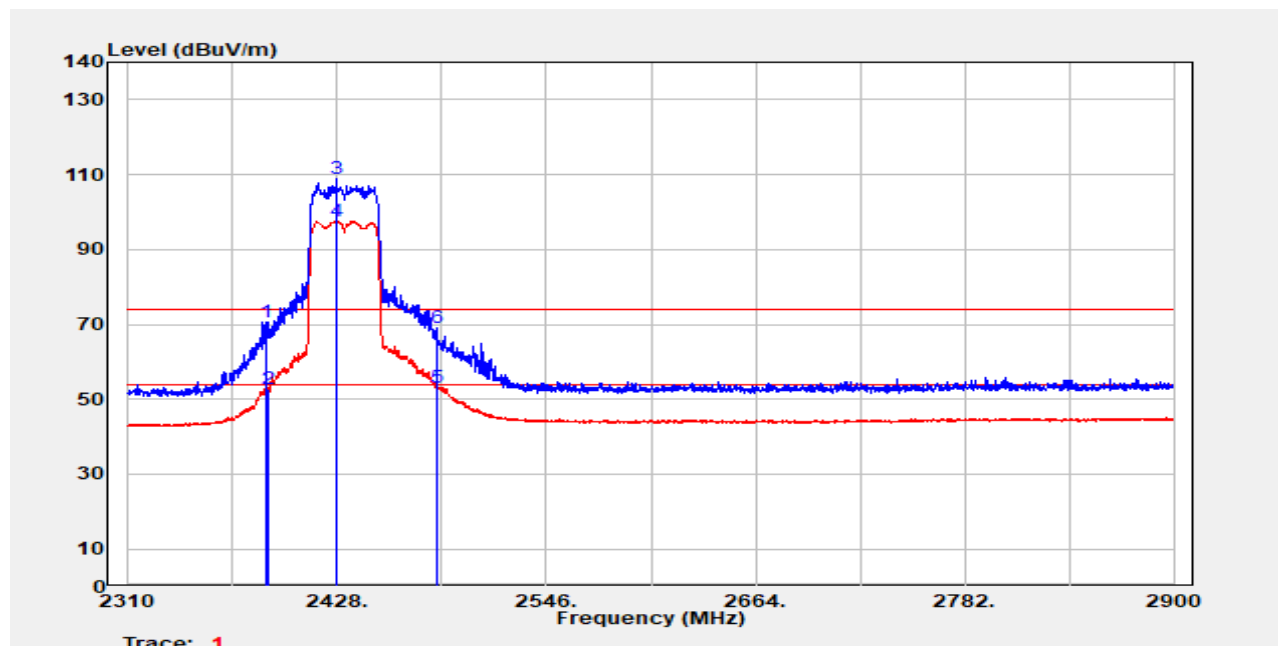
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2354.07	Peak	51.26	2.95	54.21	74.00	-19.79
2389.87	Average	40.35	2.96	43.31	54.00	-10.69
2459.71	Peak	100.96	2.83	103.79	-	-
2459.71	Average	91.27	2.83	94.10	-	-
2483.72	Average	46.85	2.98	49.83	54.00	-4.17
2484.70	Peak	62.88	2.99	65.87	74.00	-8.13

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Report Number :TERF2503000904E2
 Operation Mode :802.11ax40 RU Full
 Test Frequency :2432 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-07-09
 Temp./Humi. :22.0°C/65%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



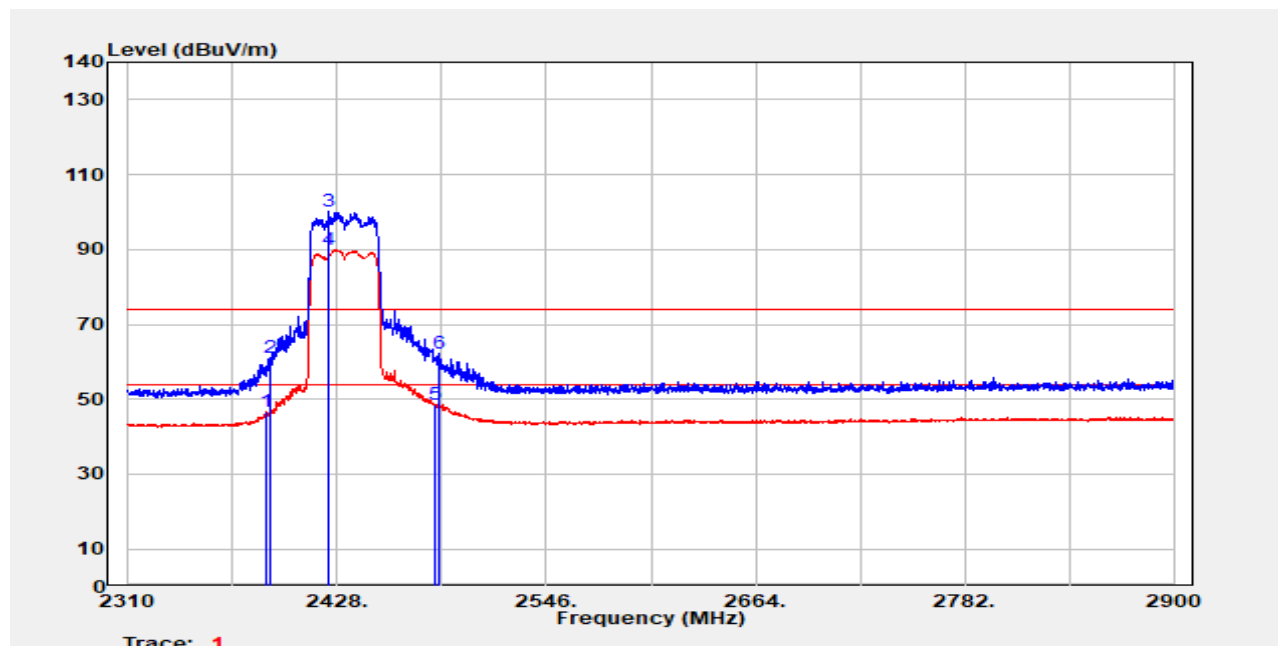
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2388.30	Peak	67.69	2.93	70.62	74.00	-3.38
2388.69	Average	49.92	2.95	52.87	54.00	-1.13
2427.45	Peak	105.73	3.01	108.74	-	-
2427.45	Average	94.49	3.01	97.50	-	-
2483.72	Average	49.97	2.98	52.95	54.00	-1.05
2484.11	Peak	66.26	2.98	69.24	74.00	-4.76

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Report Number :TERF2503000904E2
 Operation Mode :802.11ax40 RU Full
 Test Frequency :2432 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-07-09
 Temp./Humi. :22.0°C/65%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



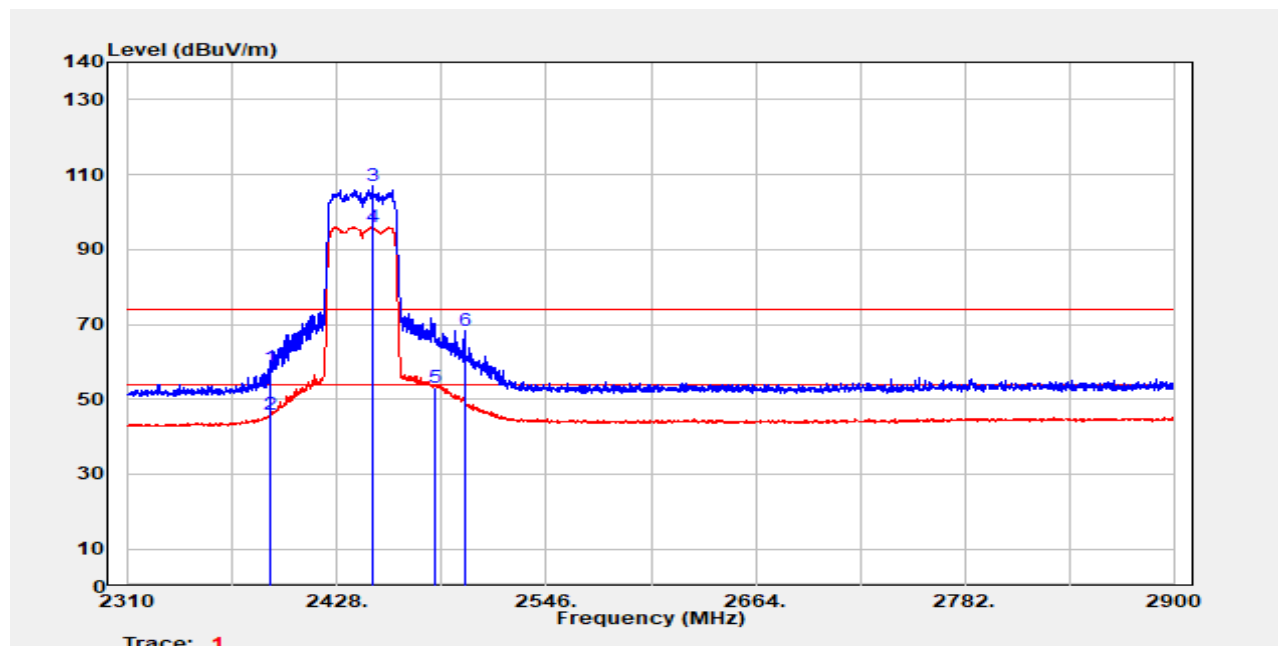
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2388.30	Average	43.56	2.93	46.49	54.00	-7.51
2389.68	Peak	57.99	2.96	60.95	74.00	-13.05
2423.51	Peak	97.22	2.98	100.20	-	-
2423.51	Average	86.81	2.98	89.79	-	-
2483.50	Average	45.74	2.98	48.72	54.00	-5.28
2485.09	Peak	59.42	2.99	62.41	74.00	-11.59

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Report Number :TERF2503000904E2
 Operation Mode :802.11ax40 RU Full
 Test Frequency :2442 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-07-09
 Temp./Humi. :22.0°C/65%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



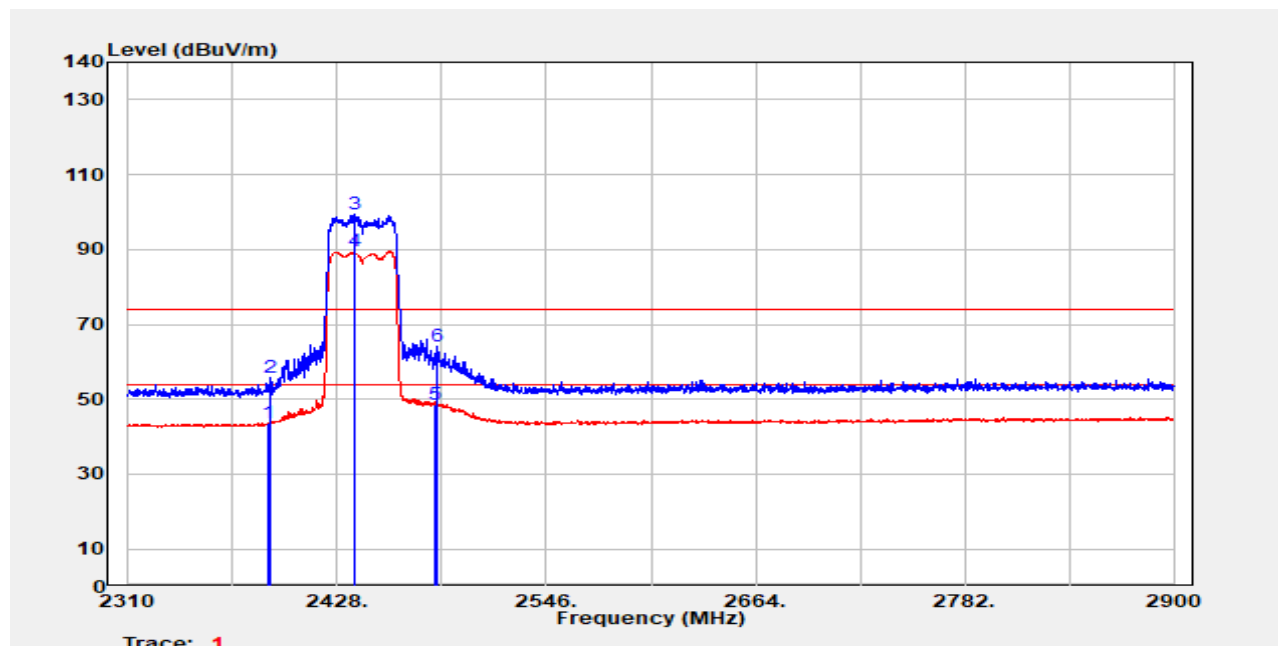
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
2389.87	Peak	55.37	2.96	58.33	74.00	-15.67
2389.87	Average	42.96	2.96	45.92	54.00	-8.08
2447.71	Peak	103.93	2.92	106.85	-	-
2447.71	Average	93.06	2.92	95.98	-	-
2483.50	Average	50.00	2.98	52.98	54.00	-1.02
2499.65	Peak	65.35	3.02	68.37	74.00	-5.63

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Report Number :TERF2503000904E2
 Operation Mode :802.11ax40 RU Full
 Test Frequency :2442 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC D
 Test Date :2025-07-09
 Temp./Humi. :22.0°C/65%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2388.69	Average	40.66	2.95	43.61	54.00	-10.39
2389.68	Peak	52.76	2.96	55.72	74.00	-18.28
2437.68	Peak	96.50	2.99	99.49	-	-
2437.68	Average	86.55	2.99	89.54	-	-
2483.50	Average	45.75	2.98	48.73	54.00	-5.27
2483.72	Peak	60.96	2.98	63.94	74.00	-10.06

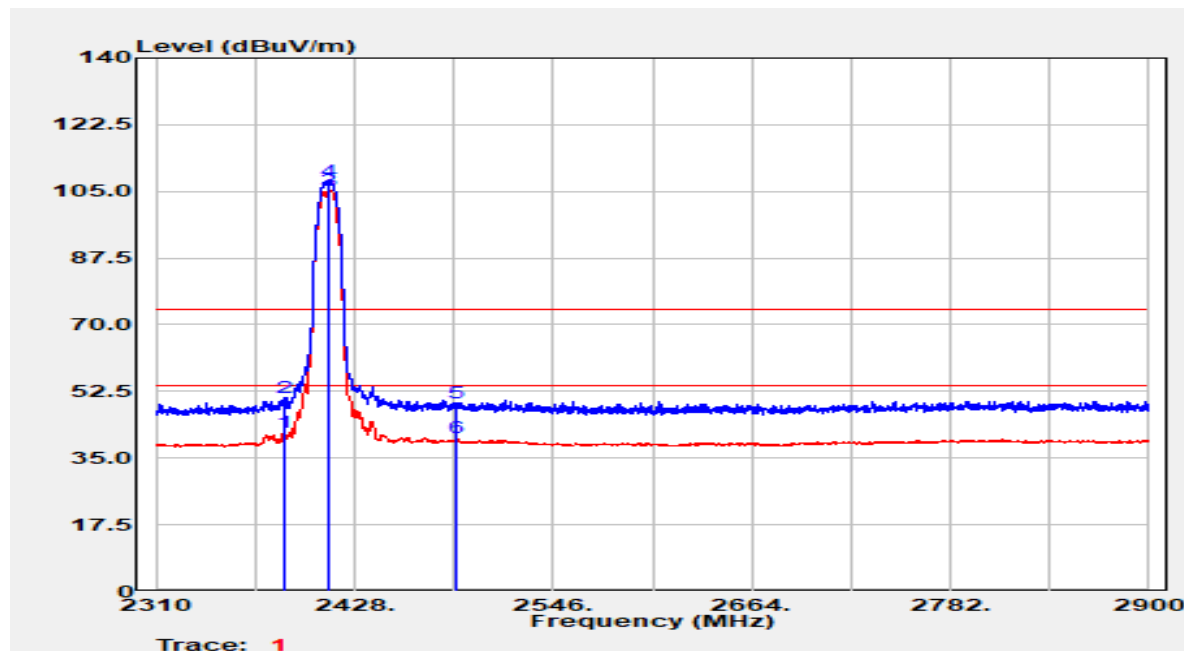
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Test Site: SAC G

Report Number :TERF2503000904E2
Operation Mode :802.11b
Test Frequency :2412 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G
Test Date :2025-06-02
Temp./Humi. :23.9°C/52%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2385.74	Average	44.99	-3.28	41.71	54.00	-12.29
2386.92	Peak	54.19	-3.27	50.92	74.00	-23.08
2412.00	Average	108.67	-3.41	105.26	-	-
2412.00	Peak	111.19	-3.41	107.78	-	-
2488.04	Peak	52.85	-3.35	49.50	74.00	-24.50
2488.44	Average	43.62	-3.35	40.27	54.00	-13.73

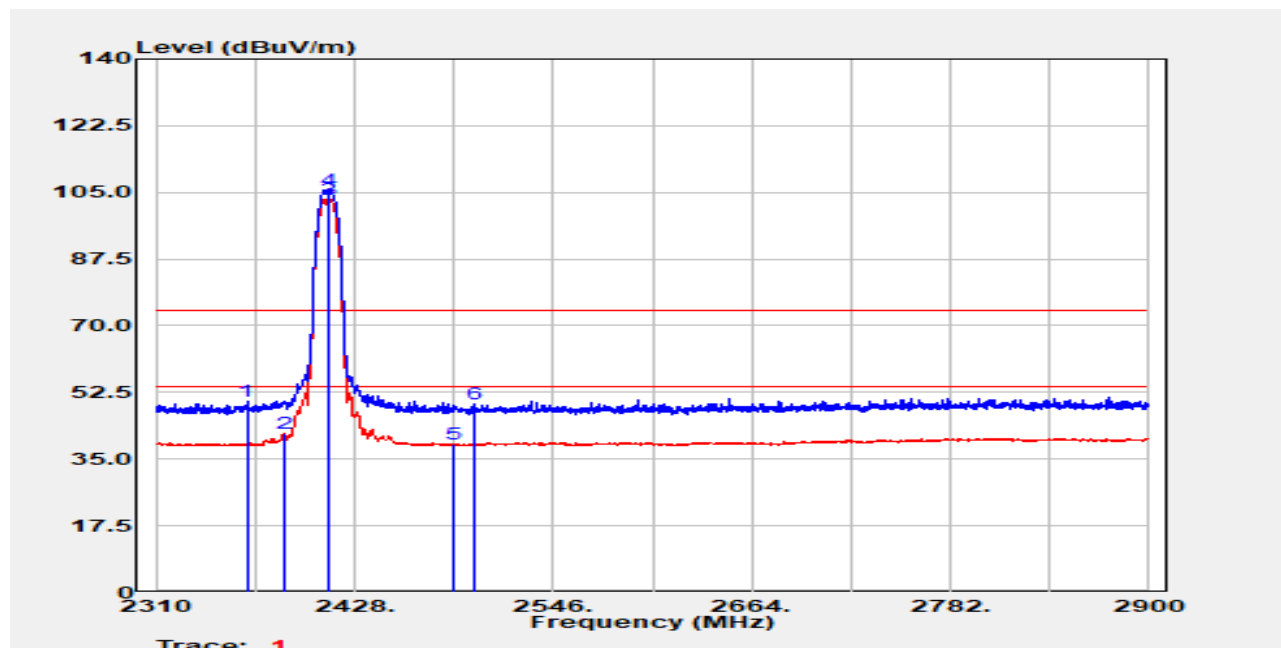
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Report Number :TERF2503000904E2
 Operation Mode :802.11b
 Test Frequency :2412 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2363.91	Peak	53.55	-3.29	50.26	74.00	-23.74
2386.14	Average	45.14	-3.28	41.86	54.00	-12.14
2412.00	Average	106.56	-3.41	103.15	-	-
2412.00	Peak	109.10	-3.41	105.69	-	-
2486.27	Average	42.48	-3.36	39.12	54.00	-14.88
2498.47	Peak	52.85	-3.34	49.51	74.00	-24.49

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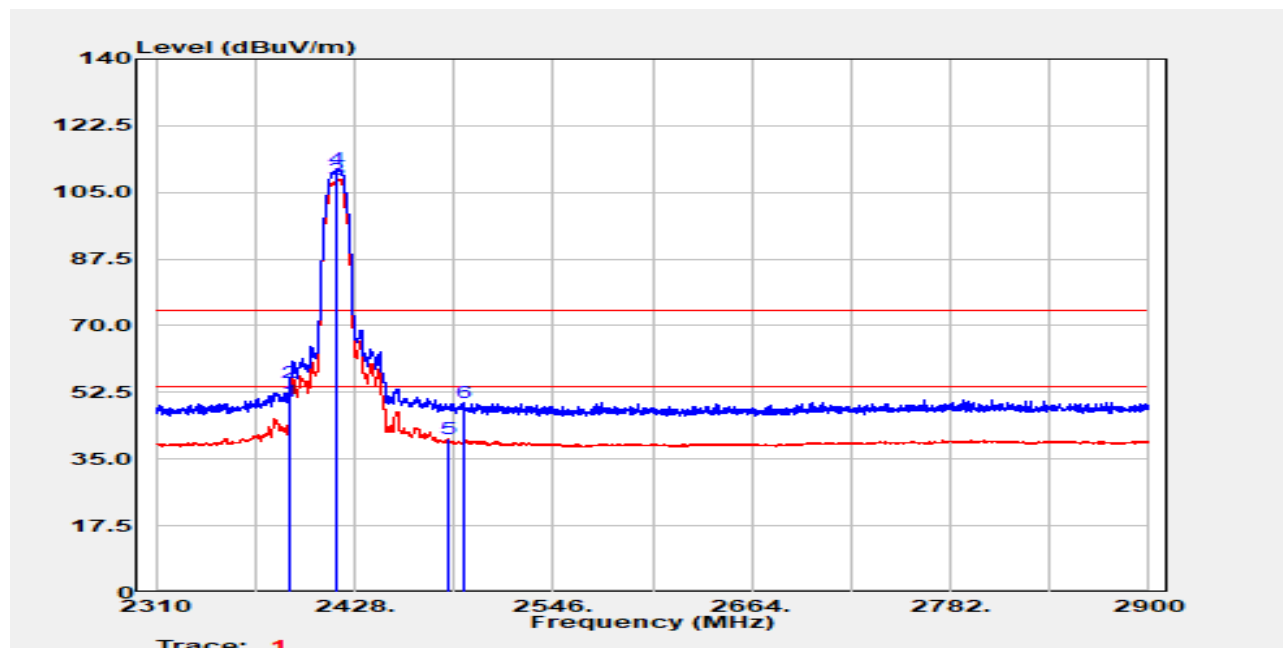
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Report Number :TERF2503000904E2
 Operation Mode :802.11b
 Test Frequency :2417 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2389.87	Average	53.56	-3.24	50.32	54.00	-3.68
2389.87	Peak	58.21	-3.24	54.97	74.00	-19.03
2417.00	Average	111.82	-3.36	108.46	-	-
2417.00	Peak	114.46	-3.36	111.10	-	-
2483.50	Average	43.65	-3.35	40.30	54.00	-13.70
2493.35	Peak	53.10	-3.34	49.76	74.00	-24.24

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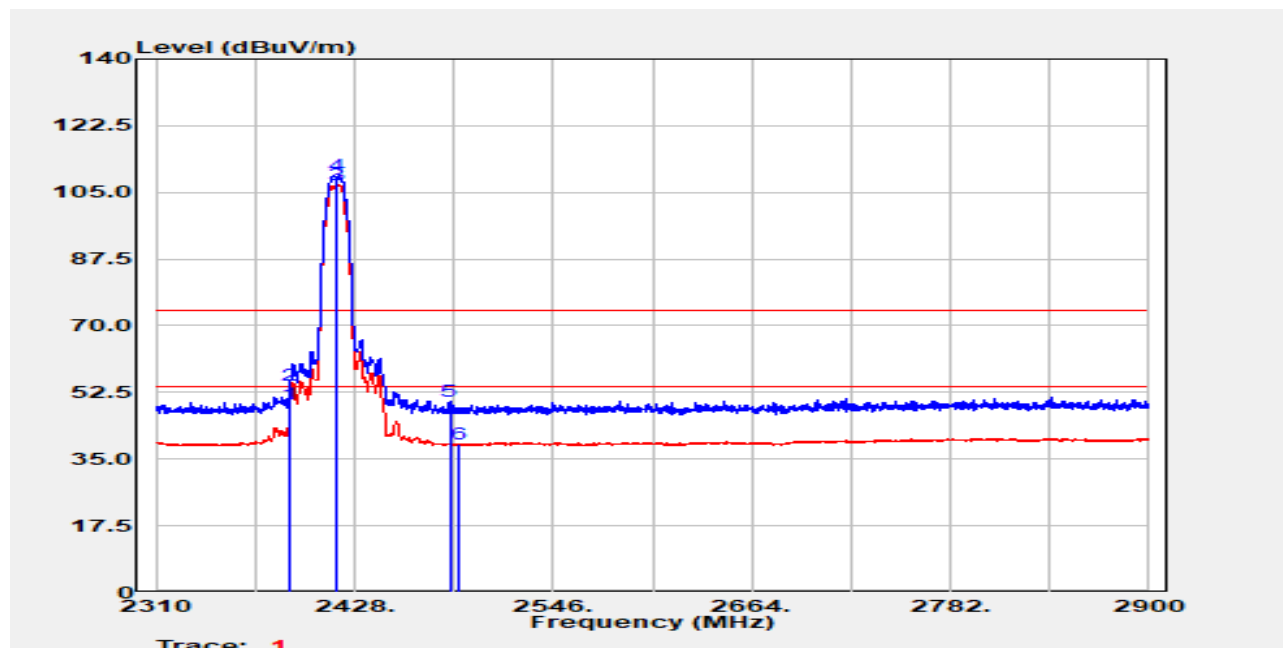
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Report Number :TERF2503000904E2
 Operation Mode :802.11b
 Test Frequency :2417 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2389.87	Average	52.57	-3.24	49.33	54.00	-4.67
2389.87	Peak	57.74	-3.24	54.50	74.00	-19.50
2417.00	Average	110.28	-3.36	106.92	-	-
2417.00	Peak	112.87	-3.36	109.51	-	-
2484.50	Peak	53.43	-3.35	50.08	74.00	-23.92
2489.81	Average	42.37	-3.35	39.02	54.00	-14.98

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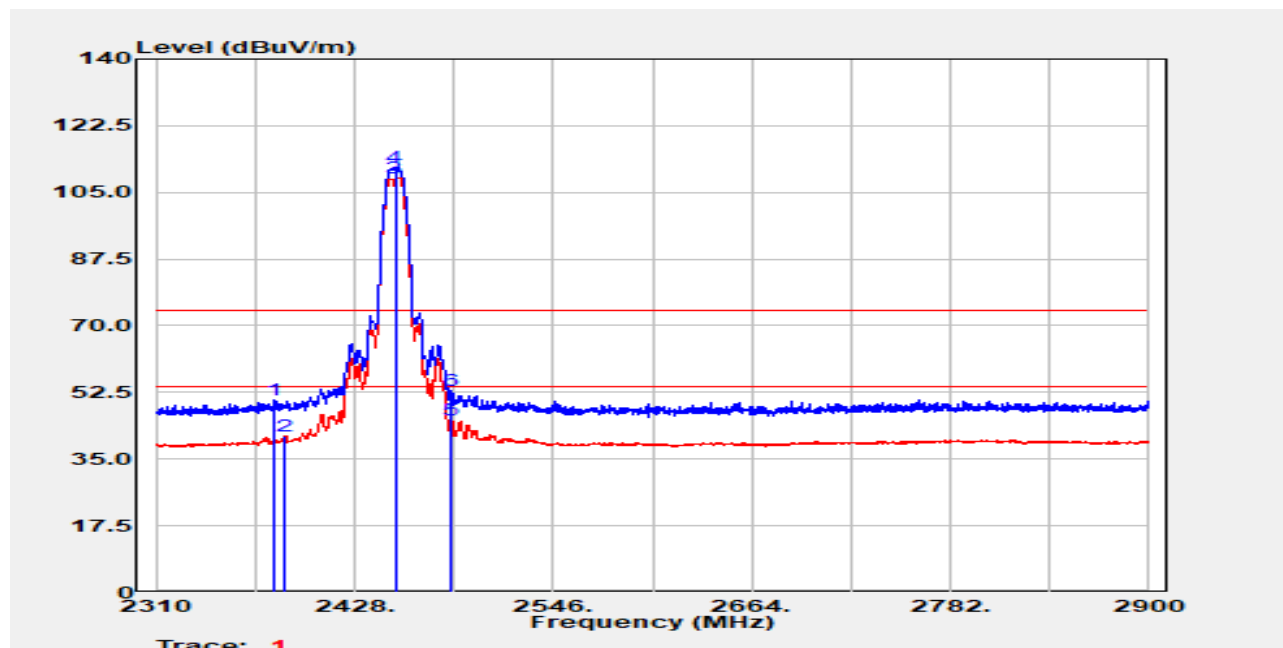
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Report Number :TERF2503000904E2
 Operation Mode :802.11b
 Test Frequency :2452 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2380.82	Peak	53.85	-3.34	50.51	74.00	-23.49
2386.92	Average	44.22	-3.27	40.95	54.00	-13.05
2452.00	Average	112.41	-3.49	108.92	-	-
2452.00	Peak	115.10	-3.49	111.61	-	-
2485.68	Average	48.74	-3.36	45.38	54.00	-8.62
2485.68	Peak	56.20	-3.36	52.84	74.00	-21.16

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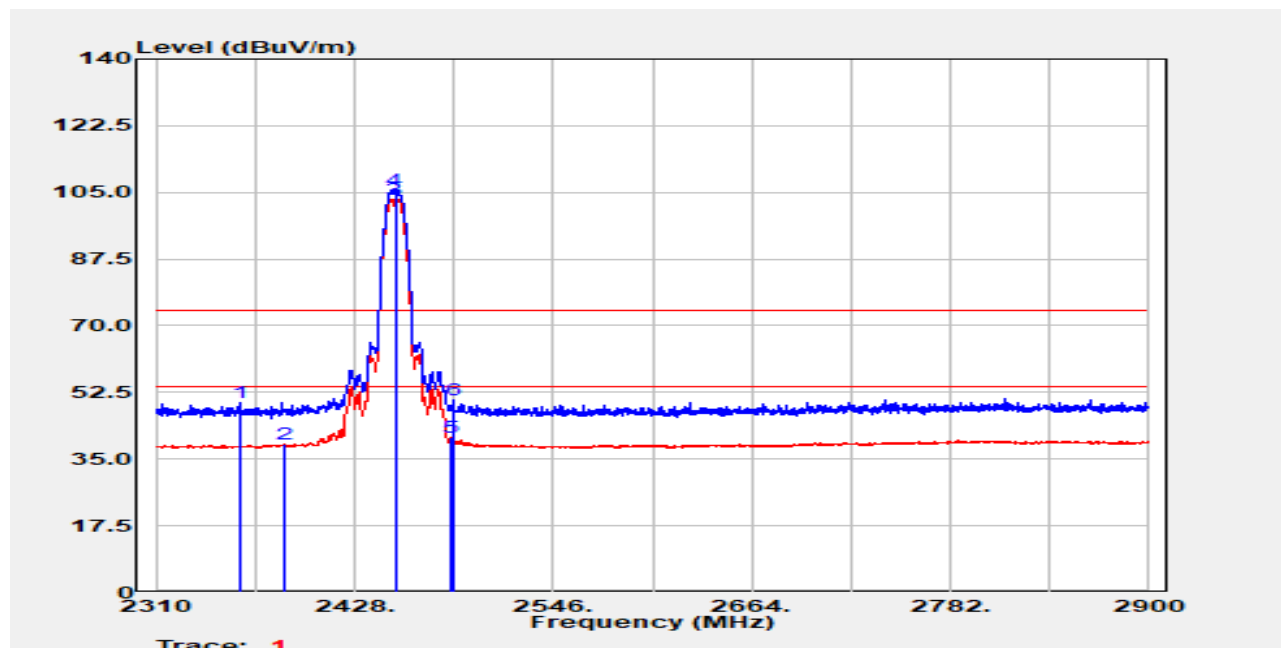
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Report Number :TERF2503000904E2
 Operation Mode :802.11b
 Test Frequency :2452 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



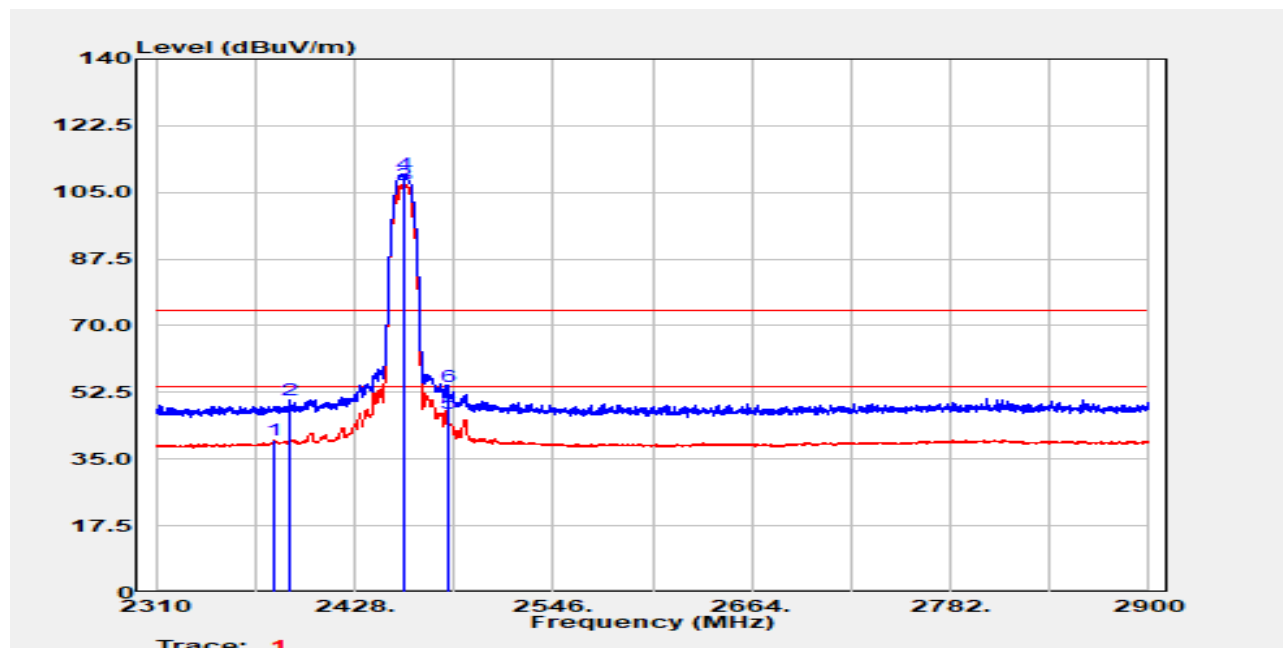
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2359.77	Peak	53.15	-3.25	49.90	74.00	-24.10
2386.33	Average	42.21	-3.28	38.93	54.00	-15.07
2452.00	Average	106.70	-3.49	103.21	-	-
2452.00	Peak	109.25	-3.49	105.76	-	-
2485.68	Average	44.16	-3.36	40.80	54.00	-13.20
2487.06	Peak	54.03	-3.36	50.67	74.00	-23.33

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Report Number :TERF2503000904E2
 Operation Mode :802.11b
 Test Frequency :2457 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



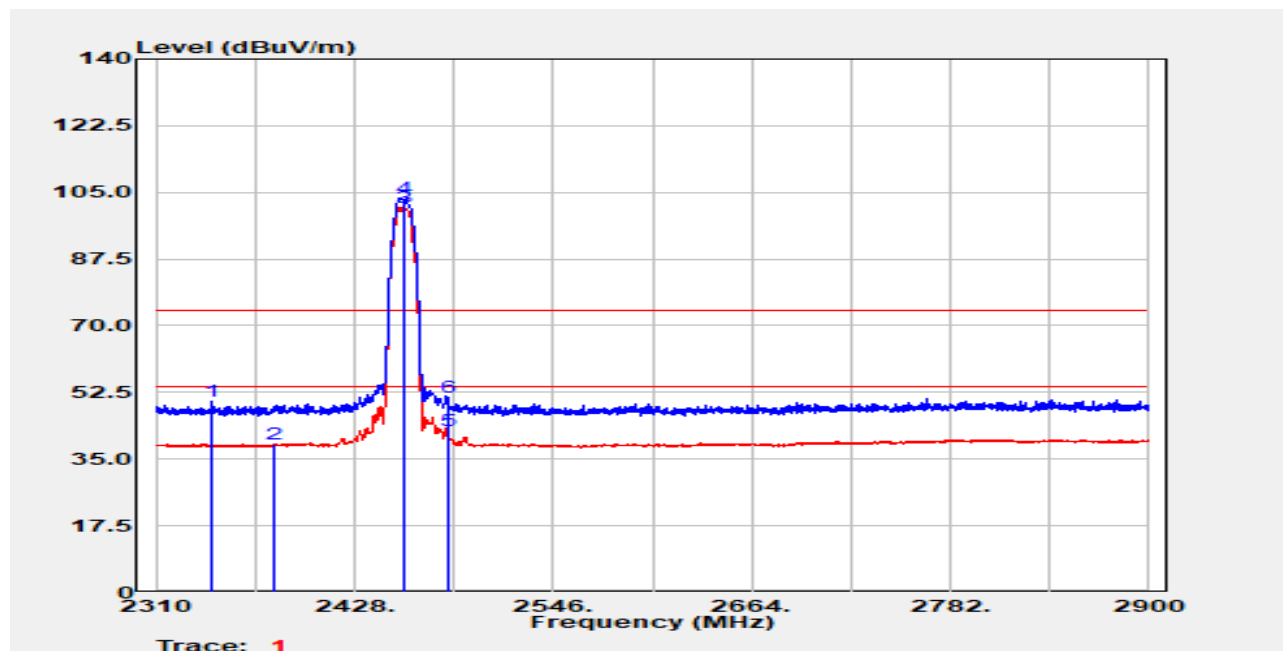
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2380.63	Average	43.46	-3.34	40.12	54.00	-13.88
2389.48	Peak	53.77	-3.25	50.52	74.00	-23.48
2457.00	Average	110.63	-3.49	107.14	-	-
2457.00	Peak	113.19	-3.49	109.70	-	-
2483.50	Average	50.32	-3.35	46.97	54.00	-7.03
2483.50	Peak	57.55	-3.35	54.20	74.00	-19.80

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Report Number :TERF2503000904E2
 Operation Mode :802.11b
 Test Frequency :2457 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2343.64	Peak	53.35	-3.26	50.09	74.00	-23.91
2380.43	Average	42.36	-3.35	39.01	54.00	-14.99
2457.00	Average	104.61	-3.49	101.12	-	-
2457.00	Peak	107.17	-3.49	103.68	-	-
2483.50	Average	45.71	-3.35	42.36	54.00	-11.64
2483.91	Peak	54.41	-3.35	51.06	74.00	-22.94

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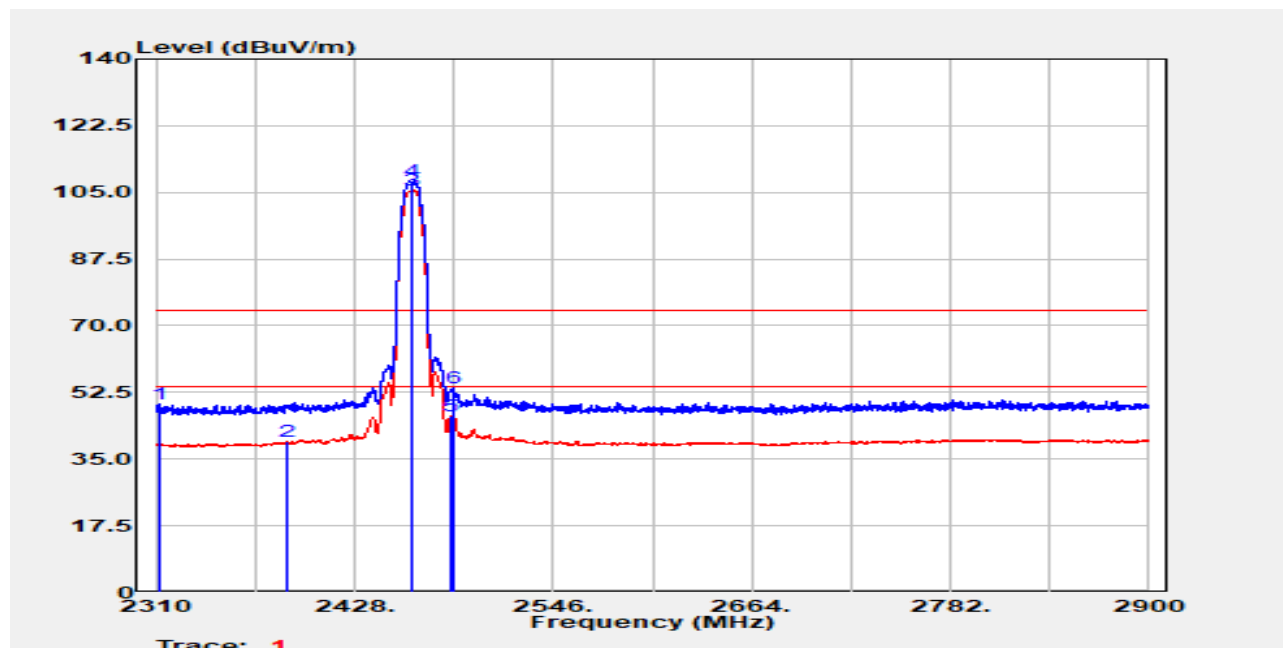
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Report Number :TERF2503000904E2
 Operation Mode :802.11b
 Test Frequency :2462 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2311.97	Peak	52.61	-3.19	49.42	74.00	-24.58
2388.10	Average	42.77	-3.26	39.51	54.00	-14.49
2462.00	Average	109.02	-3.48	105.54	-	-
2462.00	Peak	111.58	-3.48	108.10	-	-
2485.09	Average	49.84	-3.36	46.48	54.00	-7.52
2486.67	Peak	57.09	-3.36	53.73	74.00	-20.27

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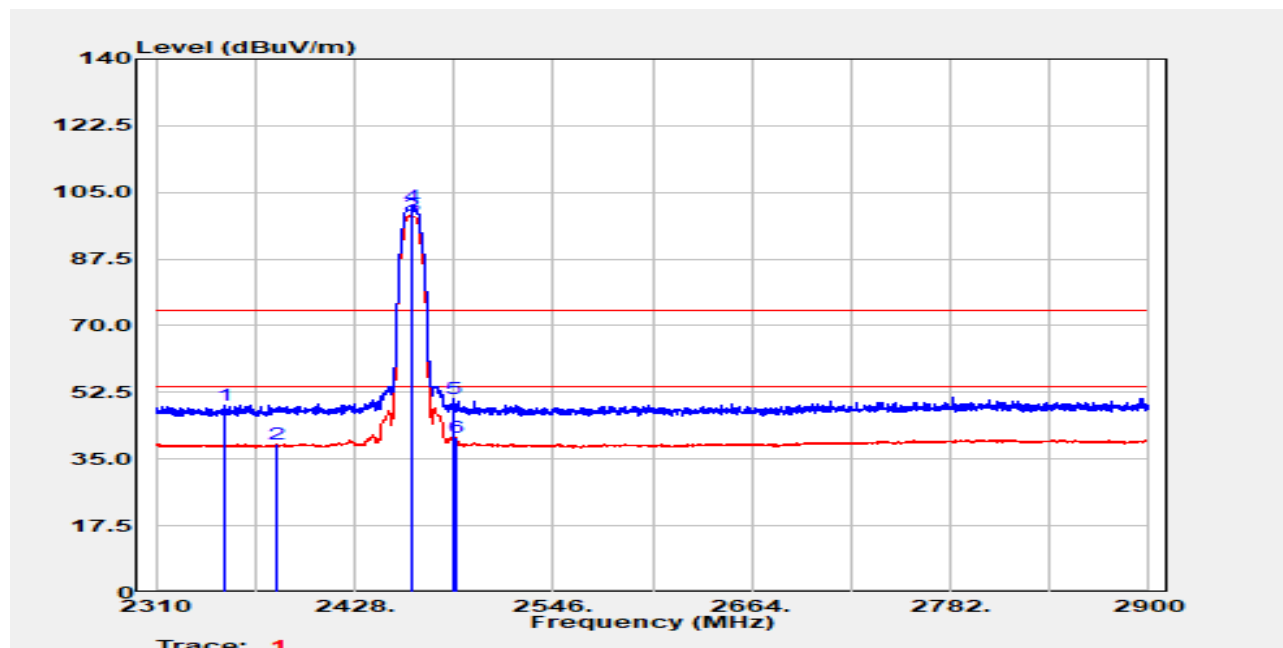
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Report Number :TERF2503000904E2
 Operation Mode :802.11b
 Test Frequency :2462 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



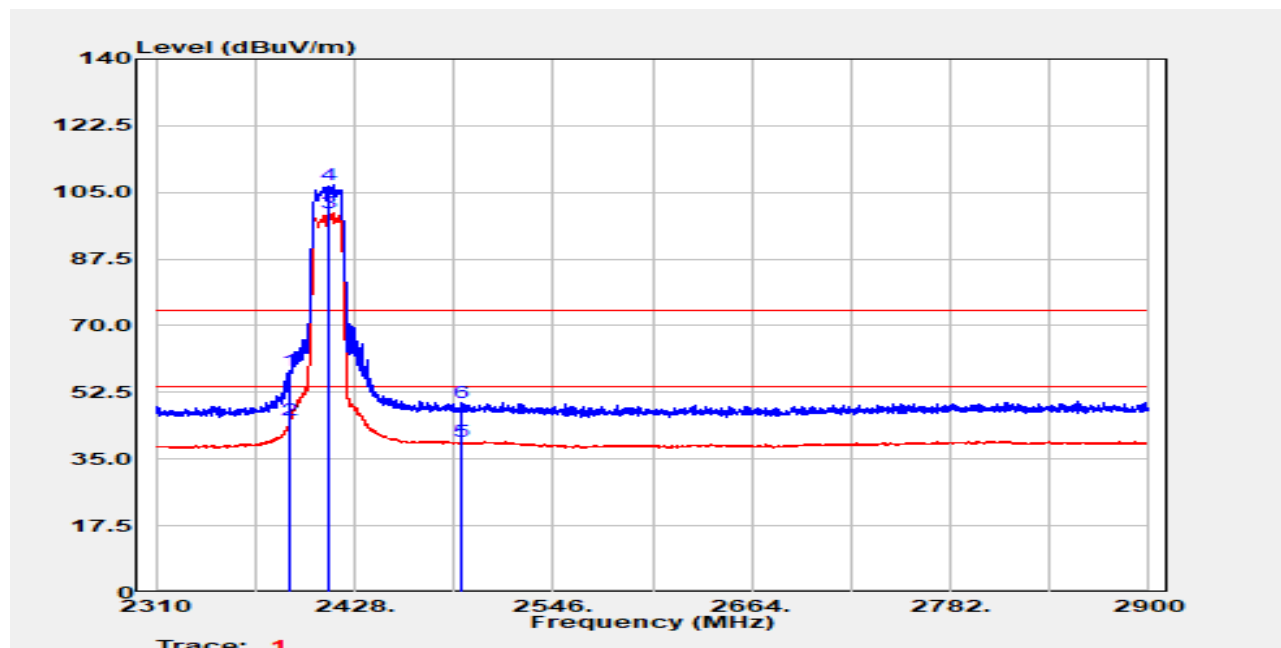
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2351.51	Peak	52.54	-3.26	49.28	74.00	-24.72
2382.00	Average	42.18	-3.32	38.86	54.00	-15.14
2462.00	Average	102.37	-3.48	98.89	-	-
2462.00	Peak	104.96	-3.48	101.48	-	-
2486.67	Peak	54.17	-3.36	50.81	74.00	-23.19
2487.85	Average	44.04	-3.35	40.69	54.00	-13.31

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Report Number :TERF2503000904E2
Operation Mode :802.11g
Test Frequency :2412 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G
Test Date :2025-06-02
Temp./Humi. :23.9°C/52%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2389.48	Peak	61.38	-3.25	58.13	74.00	-15.87
2389.87	Average	48.67	-3.24	45.43	54.00	-8.57
2412.00	Average	102.91	-3.41	99.50	-	-
2412.00	Peak	110.26	-3.41	106.85	-	-
2491.58	Average	42.83	-3.35	39.48	54.00	-14.52
2491.98	Peak	53.23	-3.35	49.88	74.00	-24.12

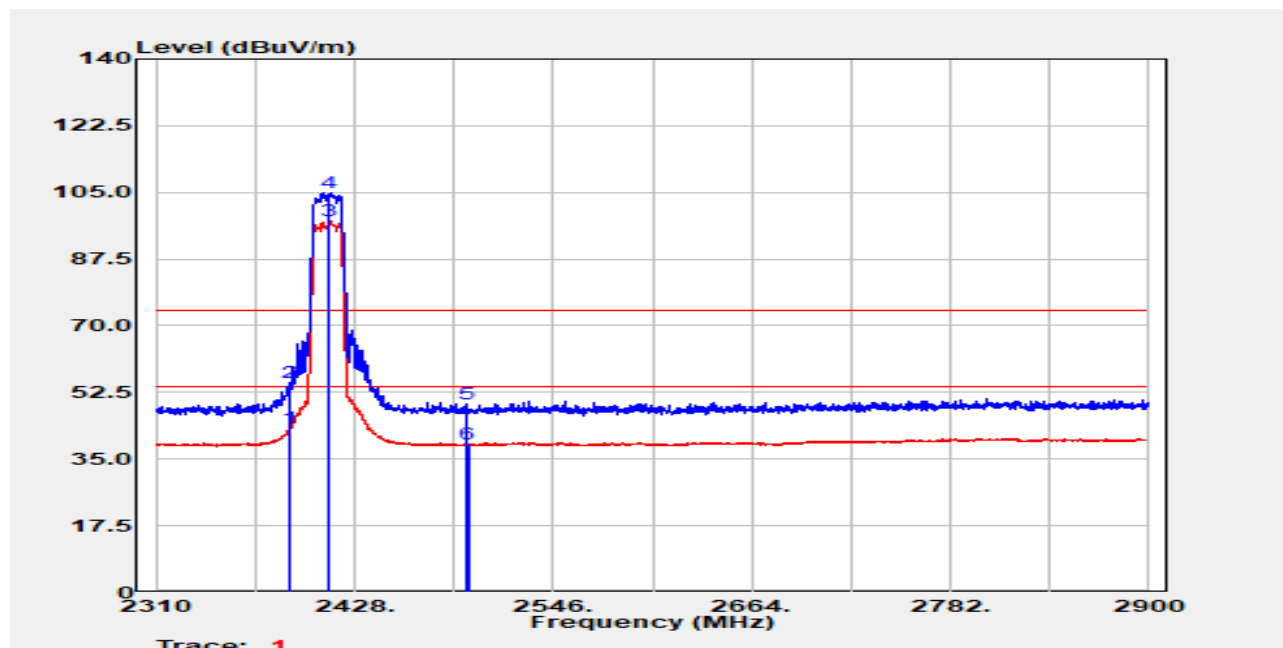
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Report Number :TERF2503000904E2
 Operation Mode :802.11g
 Test Frequency :2412 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



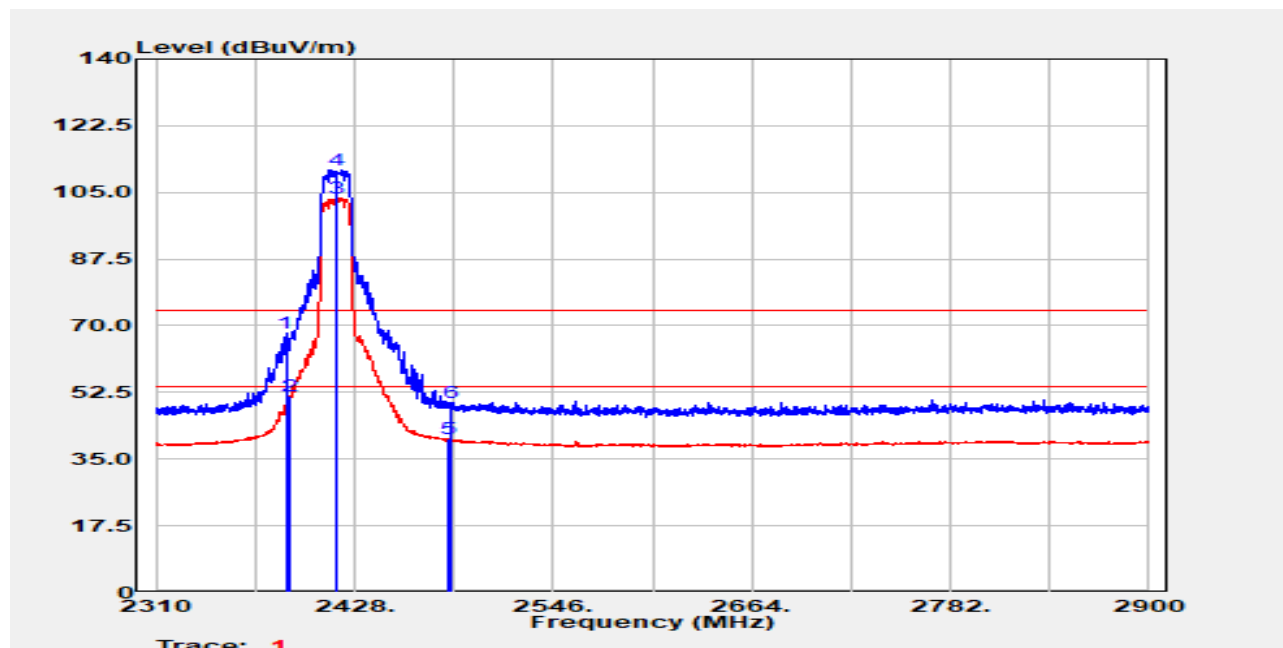
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2389.48	Average	46.53	-3.25	43.28	54.00	-10.72
2389.68	Peak	58.20	-3.24	54.96	74.00	-19.04
2412.00	Average	100.80	-3.41	97.39	-	-
2412.00	Peak	108.25	-3.41	104.84	-	-
2494.14	Peak	52.90	-3.34	49.56	74.00	-24.44
2495.32	Average	42.31	-3.35	38.96	54.00	-15.04

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Report Number :TERF2503000904E2
 Operation Mode :802.11g
 Test Frequency :2417 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2387.12	Peak	71.28	-3.27	68.01	74.00	-5.99
2389.68	Average	54.94	-3.24	51.70	54.00	-2.30
2417.00	Average	107.01	-3.36	103.65	-	-
2417.00	Peak	114.35	-3.36	110.99	-	-
2484.11	Average	43.69	-3.35	40.34	54.00	-13.66
2485.88	Peak	53.31	-3.36	49.95	74.00	-24.05

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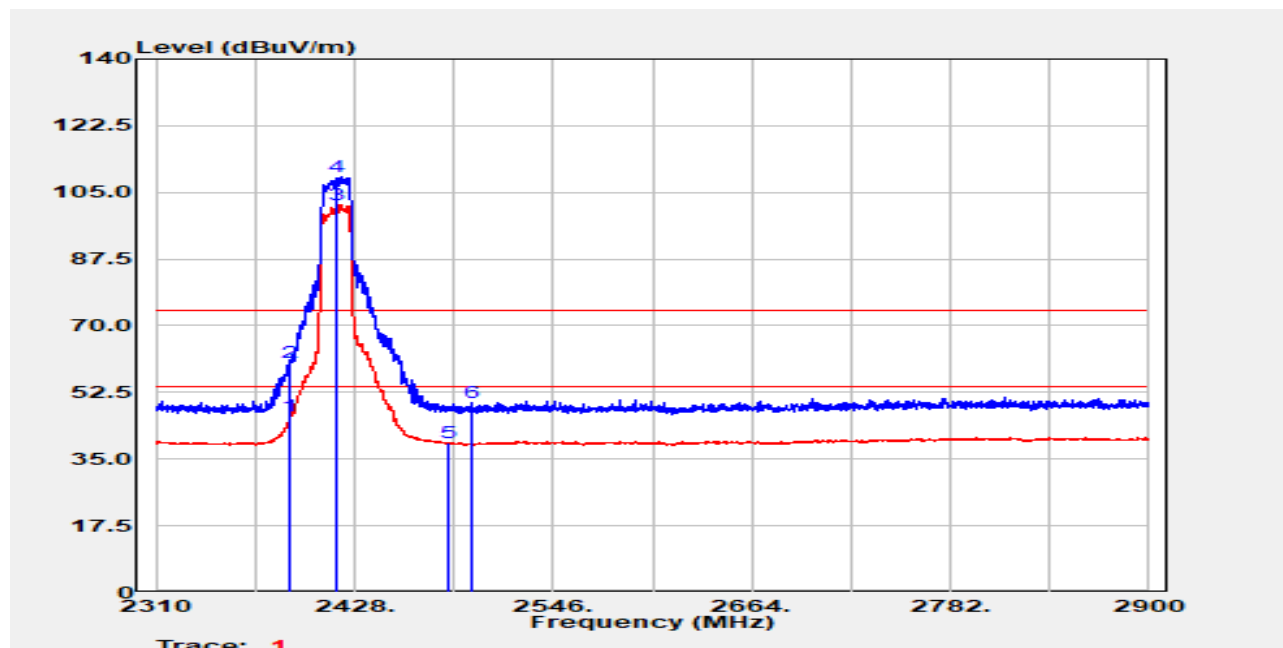
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Report Number :TERF2503000904E2
 Operation Mode :802.11g
 Test Frequency :2417 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2389.87	Average	49.47	-3.24	46.23	54.00	-7.77
2389.87	Peak	63.60	-3.24	60.36	74.00	-13.64
2417.00	Average	105.04	-3.36	101.68	-	-
2417.00	Peak	112.47	-3.36	109.11	-	-
2483.50	Average	42.64	-3.35	39.29	54.00	-14.71
2497.29	Peak	53.33	-3.35	49.98	74.00	-24.02

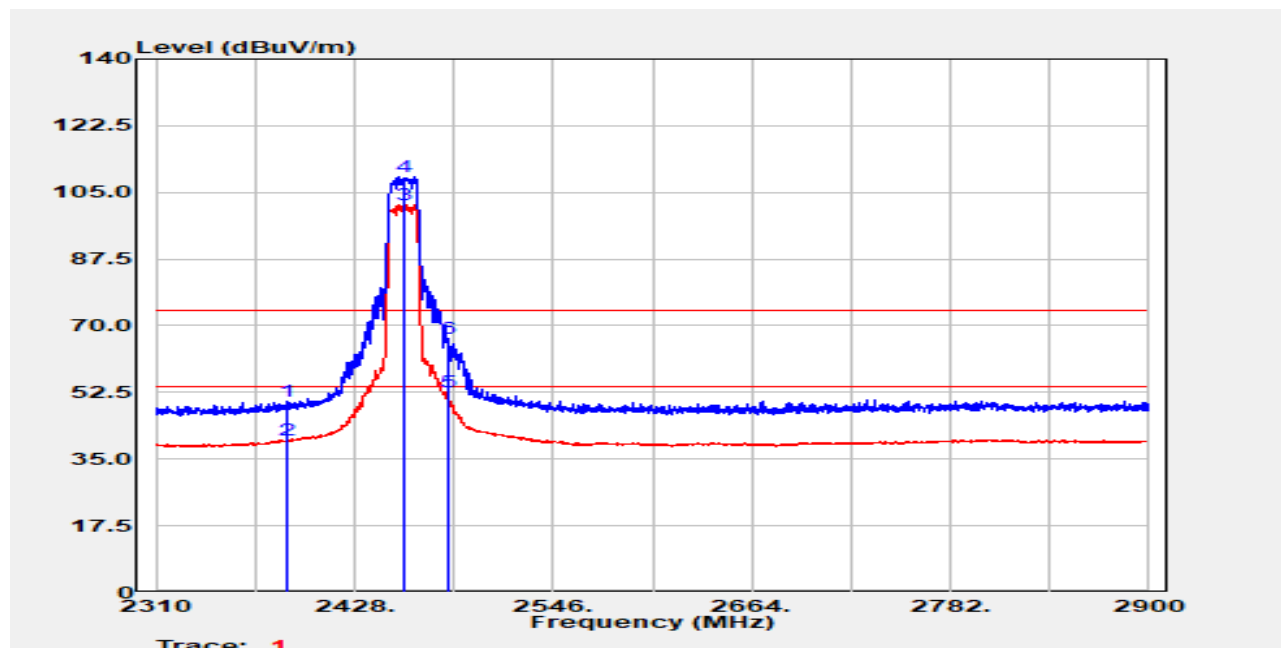
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Report Number :TERF2503000904E2
 Operation Mode :802.11g
 Test Frequency :2457 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



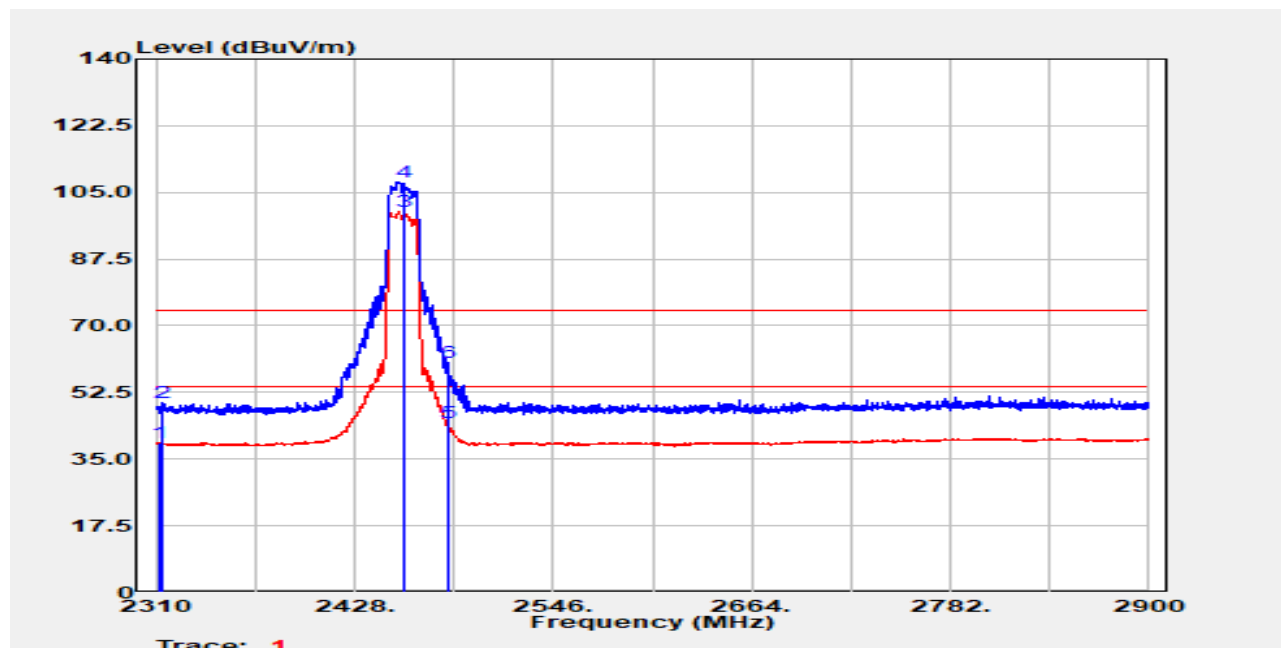
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2387.51	Peak	53.52	-3.26	50.26	74.00	-23.74
2388.30	Average	43.38	-3.26	40.12	54.00	-13.88
2457.00	Average	105.19	-3.49	101.70	-	-
2457.00	Peak	112.50	-3.49	109.01	-	-
2483.50	Average	55.88	-3.35	52.53	54.00	-1.47
2483.72	Peak	70.11	-3.35	66.76	74.00	-7.24

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Report Number :TERF2503000904E2
 Operation Mode :802.11g
 Test Frequency :2457 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



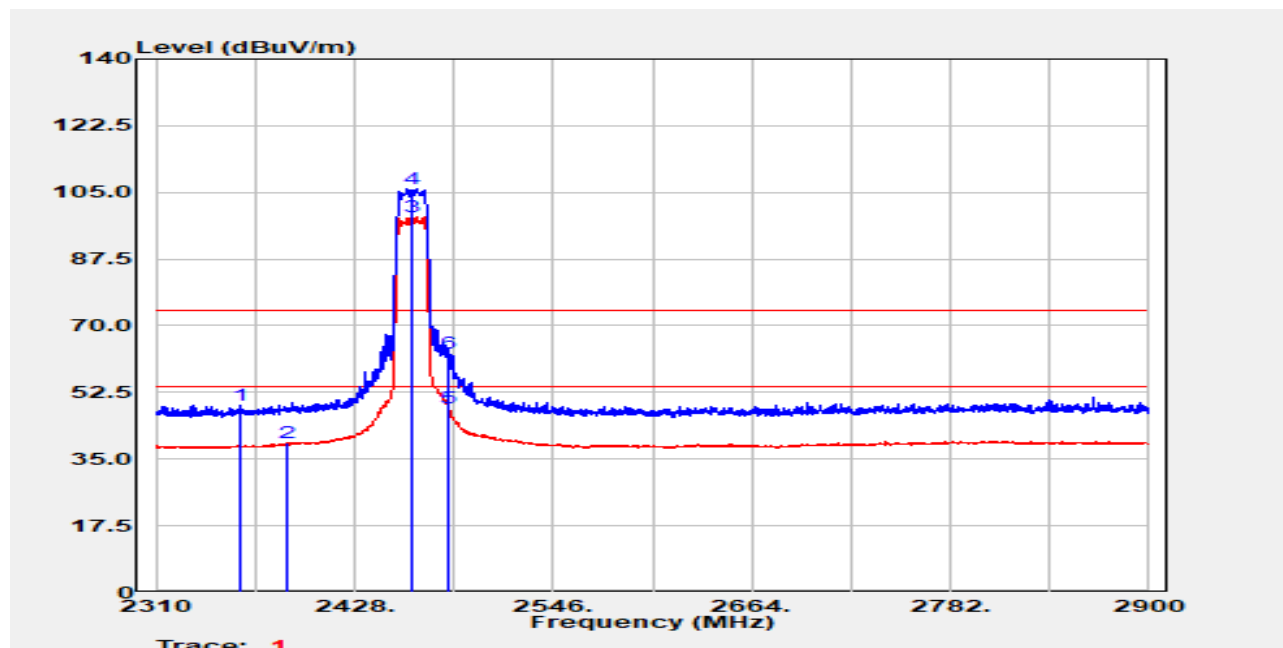
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2311.57	Average	42.63	-3.19	39.44	54.00	-14.56
2314.33	Peak	52.89	-3.21	49.68	74.00	-24.32
2457.00	Average	103.35	-3.49	99.86	-	-
2457.00	Peak	111.35	-3.49	107.86	-	-
2483.50	Average	47.74	-3.35	44.39	54.00	-9.61
2483.50	Peak	63.63	-3.35	60.28	74.00	-13.72

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Report Number :TERF2503000904E2
 Operation Mode :802.11g
 Test Frequency :2462 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2360.56	Peak	52.39	-3.26	49.13	74.00	-24.87
2387.32	Average	42.52	-3.27	39.25	54.00	-14.75
2462.00	Average	102.20	-3.48	98.72	-	-
2462.00	Peak	109.54	-3.48	106.06	-	-
2483.50	Average	51.85	-3.35	48.50	54.00	-5.50
2483.50	Peak	66.28	-3.35	62.93	74.00	-11.07

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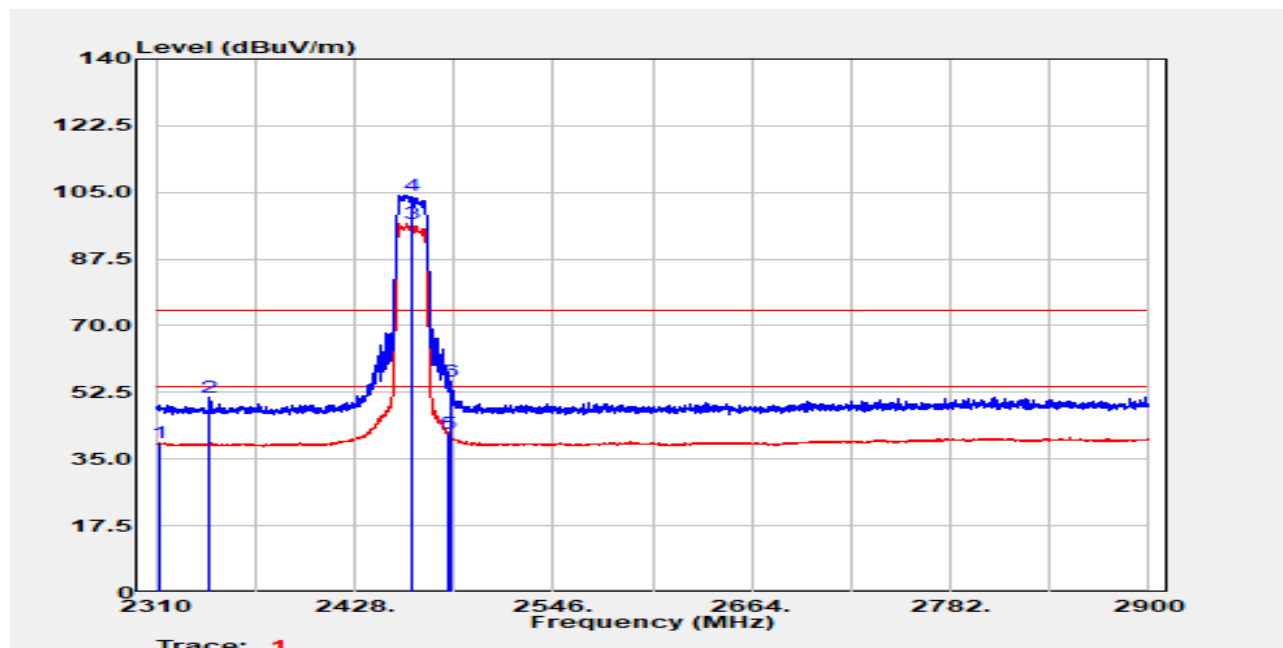
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Report Number :TERF2503000904E2
 Operation Mode :802.11g
 Test Frequency :2462 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2311.57	Average	42.43	-3.19	39.24	54.00	-14.76
2342.07	Peak	54.39	-3.26	51.13	74.00	-22.87
2462.00	Average	100.30	-3.48	96.82	-	-
2462.00	Peak	107.70	-3.48	104.22	-	-
2483.72	Average	45.27	-3.35	41.92	54.00	-12.08
2485.68	Peak	58.93	-3.36	55.57	74.00	-18.43

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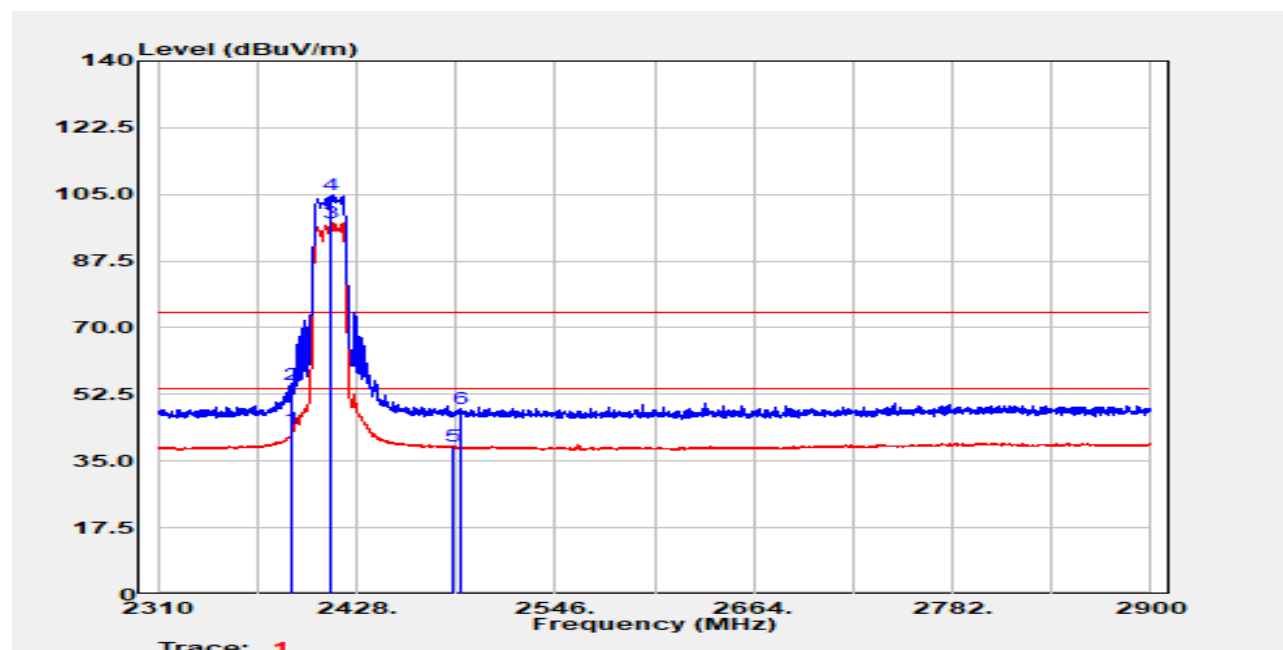
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Report Number :TERF2503000904E2
Operation Mode :802.11n20
Test Frequency :2412 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G
Test Date :2025-06-02
Temp./Humi. :23.9°C/52%
Antenna Pol. :Vertical
Engineer :Temo Chen



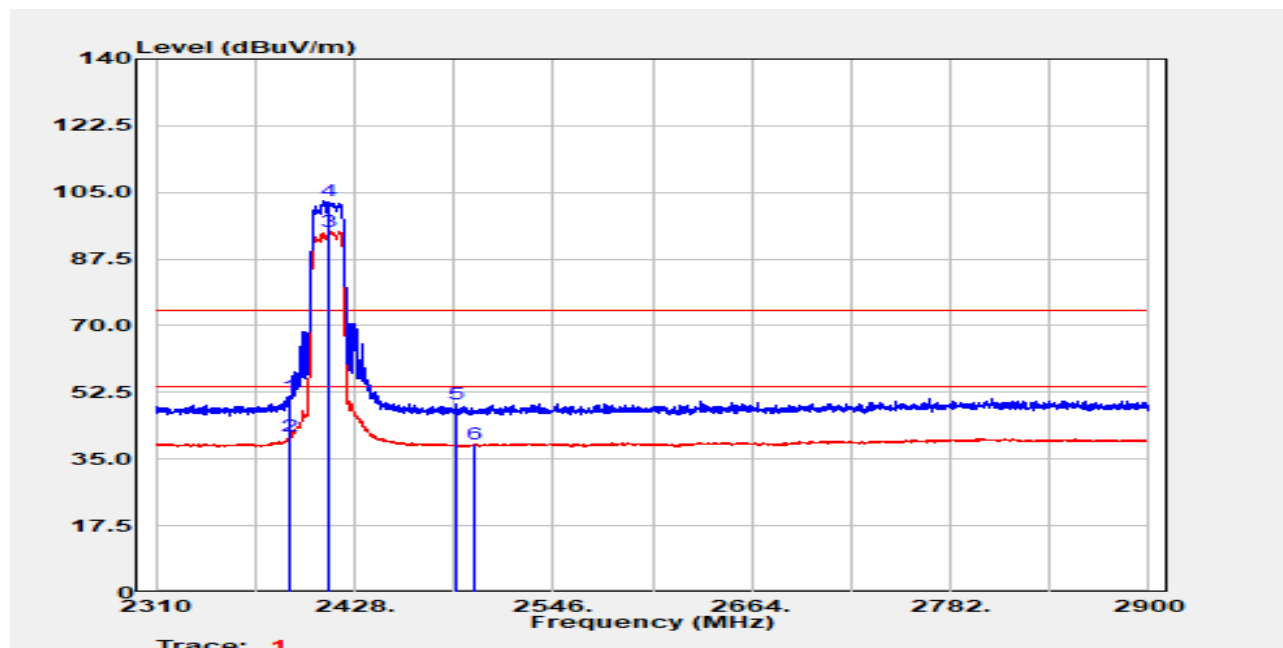
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2389.68	Average	46.65	-3.24	43.41	54.00	-10.59
2389.87	Peak	58.31	-3.24	55.07	74.00	-18.93
2412.00	Average	100.82	-3.41	97.41	-	-
2412.00	Peak	108.21	-3.41	104.80	-	-
2484.90	Average	42.36	-3.35	39.01	54.00	-14.99
2490.21	Peak	51.96	-3.35	48.61	74.00	-25.39

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Report Number :TERF2503000904E2
 Operation Mode :802.11n20
 Test Frequency :2412 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2388.69	Peak	54.66	-3.25	51.41	74.00	-22.59
2389.48	Average	44.37	-3.25	41.12	54.00	-12.88
2412.00	Average	98.23	-3.41	94.82	-	-
2412.00	Peak	106.07	-3.41	102.66	-	-
2487.85	Peak	52.81	-3.35	49.46	74.00	-24.54
2499.85	Average	42.18	-3.34	38.84	54.00	-15.16

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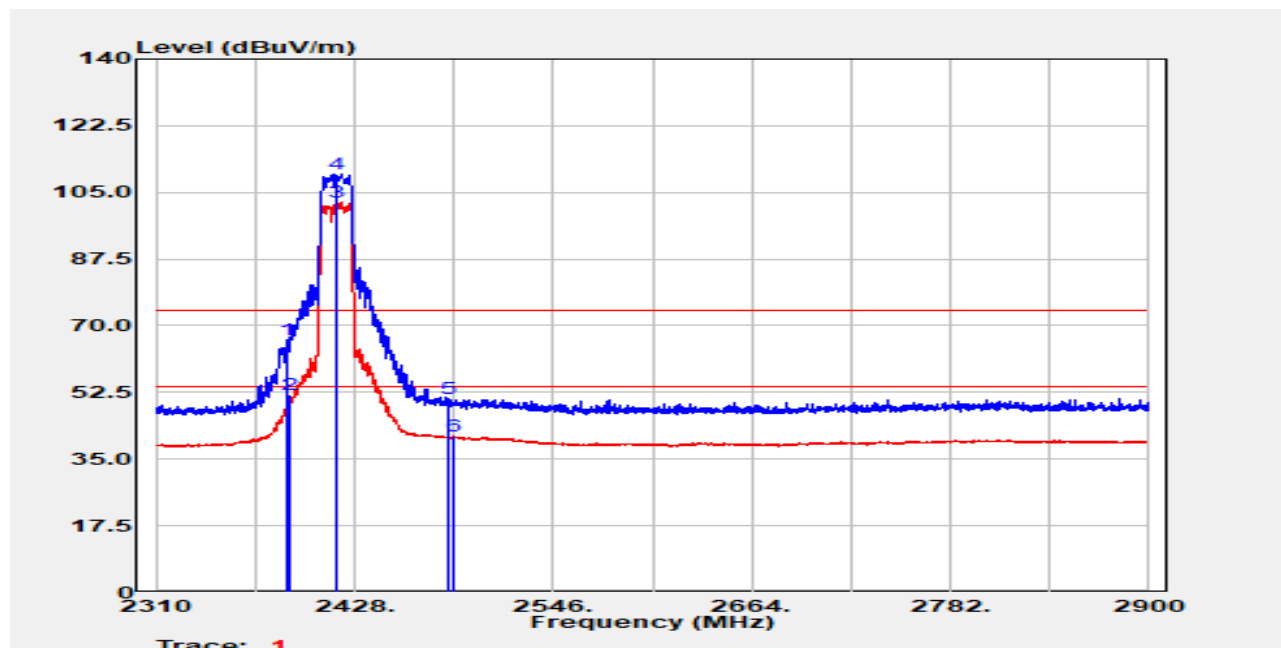
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Report Number :TERF2503000904E2
 Operation Mode :802.11n20
 Test Frequency :2417 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



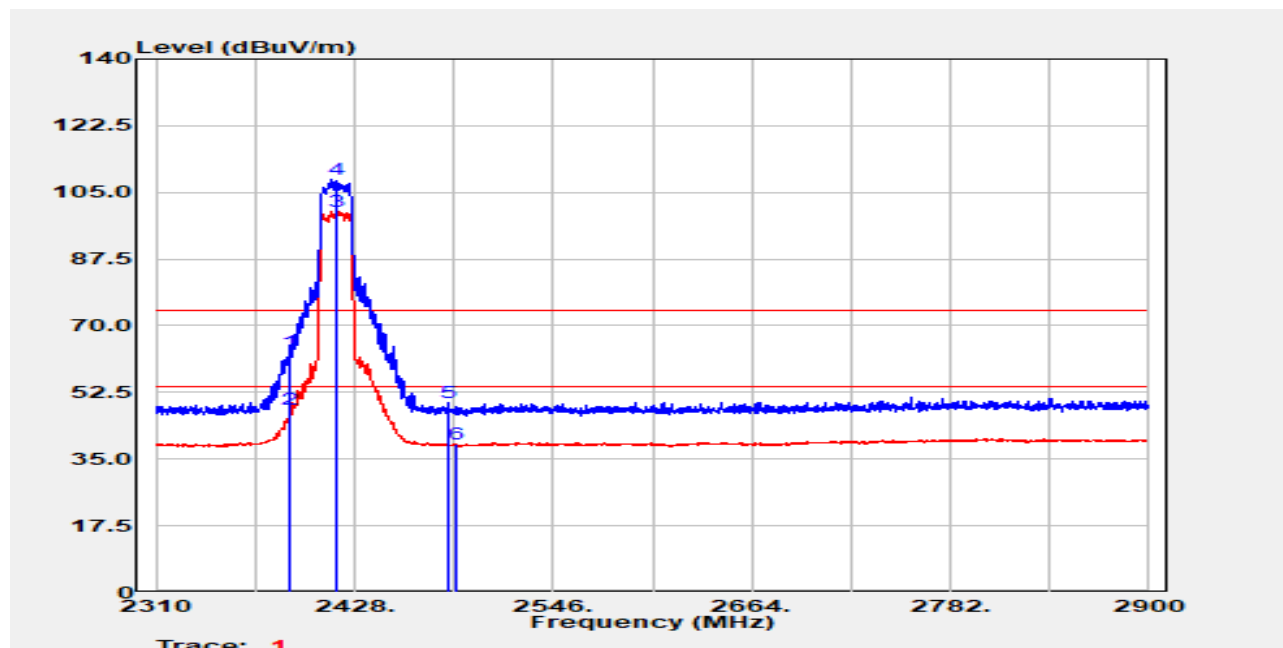
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2387.51	Peak	69.44	-3.26	66.18	74.00	-7.82
2389.87	Average	55.30	-3.24	52.06	54.00	-1.94
2417.00	Average	105.99	-3.36	102.63	-	-
2417.00	Peak	113.32	-3.36	109.96	-	-
2483.91	Peak	54.17	-3.35	50.82	74.00	-23.18
2487.45	Average	44.33	-3.36	40.97	54.00	-13.03

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Report Number :TERF2503000904E2
 Operation Mode :802.11n20
 Test Frequency :2417 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2389.48	Peak	66.41	-3.25	63.16	74.00	-10.84
2389.68	Average	51.40	-3.24	48.16	54.00	-5.84
2417.00	Average	103.25	-3.36	99.89	-	-
2417.00	Peak	111.80	-3.36	108.44	-	-
2483.72	Peak	53.01	-3.35	49.66	74.00	-24.34
2489.03	Average	42.14	-3.35	38.79	54.00	-15.21

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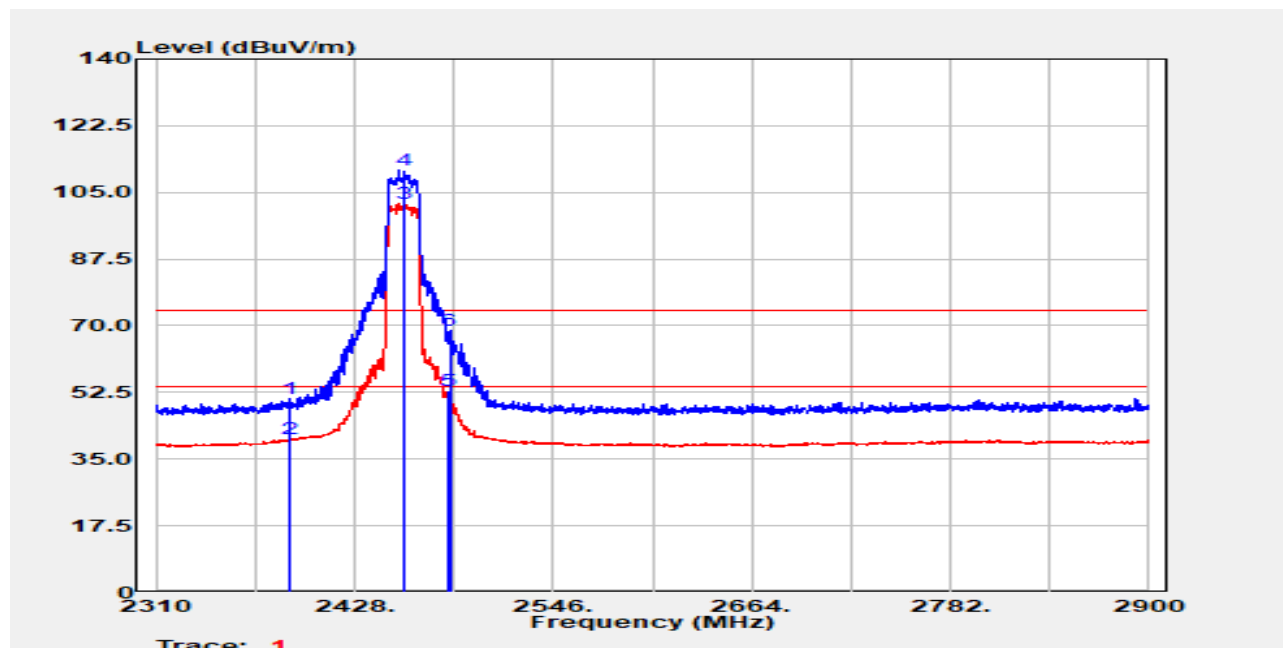
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Report Number :TERF2503000904E2
 Operation Mode :802.11n20
 Test Frequency :2457 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



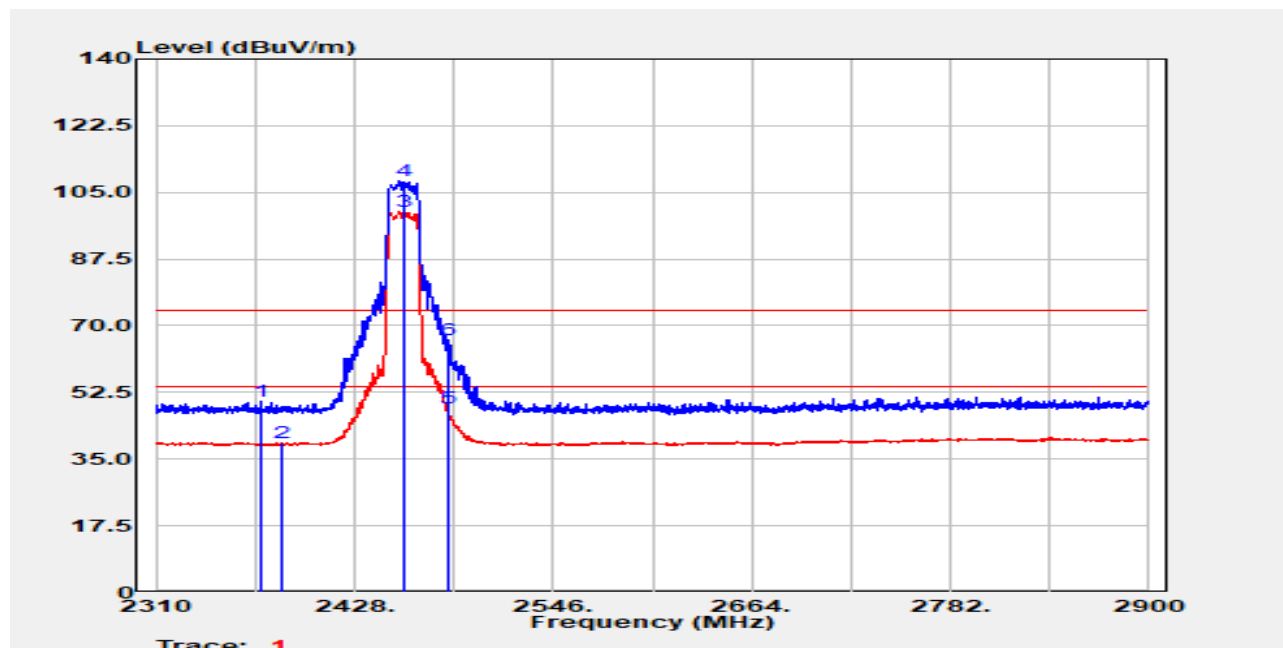
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2389.68	Peak	53.98	-3.24	50.74	74.00	-23.26
2389.87	Average	43.46	-3.24	40.22	54.00	-13.78
2457.00	Average	105.58	-3.49	102.09	-	-
2457.00	Peak	114.30	-3.49	110.81	-	-
2483.50	Average	56.19	-3.35	52.84	54.00	-1.16
2484.50	Peak	72.00	-3.35	68.65	74.00	-5.35

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Report Number :TERF2503000904E2
 Operation Mode :802.11n20
 Test Frequency :2457 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2372.76	Peak	53.36	-3.35	50.01	74.00	-23.99
2385.35	Average	42.56	-3.29	39.27	54.00	-14.73
2457.00	Average	103.56	-3.49	100.07	-	-
2457.00	Peak	111.63	-3.49	108.14	-	-
2483.72	Average	51.62	-3.35	48.27	54.00	-5.73
2484.11	Peak	69.72	-3.35	66.37	74.00	-7.63

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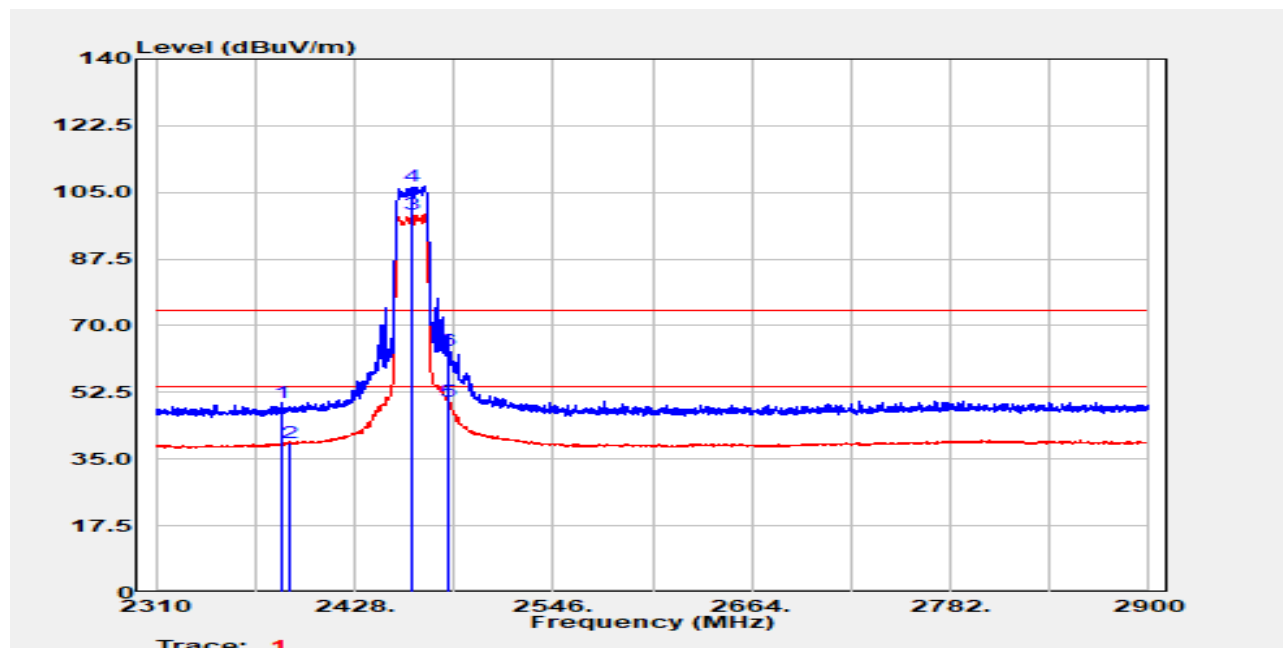
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Report Number :TERF2503000904E2
 Operation Mode :802.11n20
 Test Frequency :2462 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2384.56	Peak	52.96	-3.29	49.67	74.00	-24.33
2389.87	Average	42.46	-3.24	39.22	54.00	-14.78
2462.00	Average	102.79	-3.48	99.31	-	-
2462.00	Peak	110.12	-3.48	106.64	-	-
2483.50	Average	53.69	-3.35	50.34	54.00	-3.66
2483.50	Peak	66.89	-3.35	63.54	74.00	-10.46

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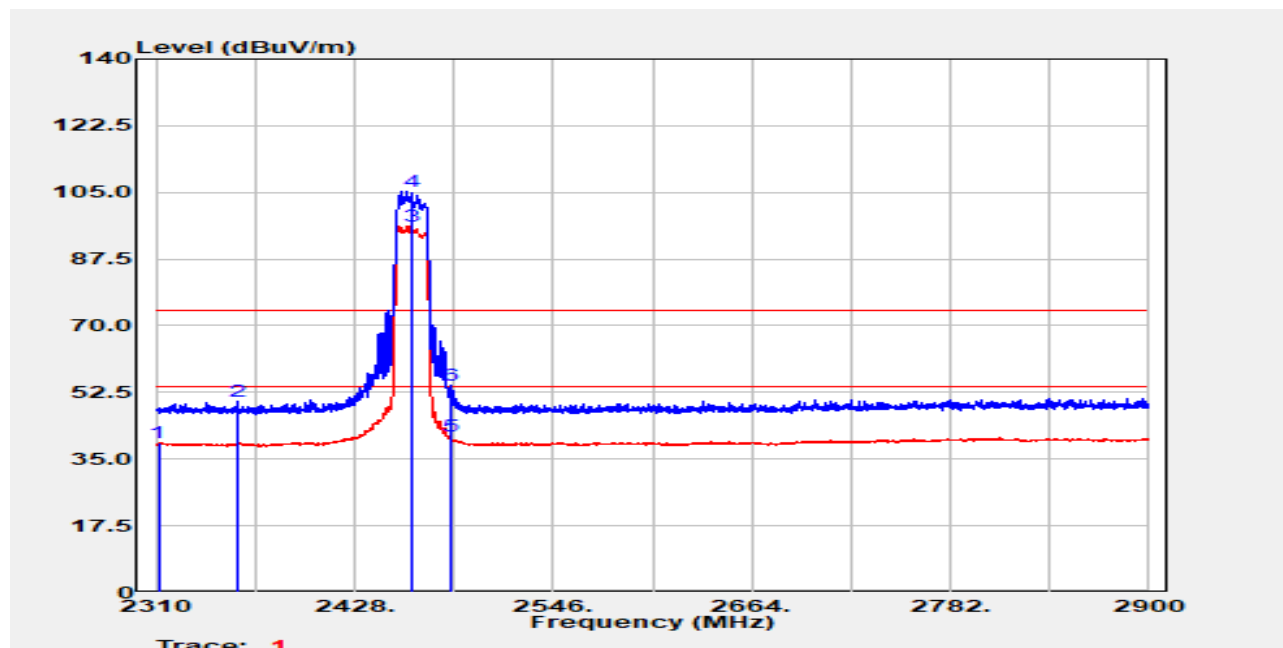
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Report Number :TERF2503000904E2
 Operation Mode :802.11n20
 Test Frequency :2462 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2311.38	Average	42.35	-3.18	39.17	54.00	-14.83
2358.20	Peak	53.30	-3.25	50.05	74.00	-23.95
2462.00	Average	99.75	-3.48	96.27	-	-
2462.00	Peak	108.70	-3.48	105.22	-	-
2485.09	Average	44.39	-3.36	41.03	54.00	-12.97
2485.09	Peak	57.82	-3.36	54.46	74.00	-19.54

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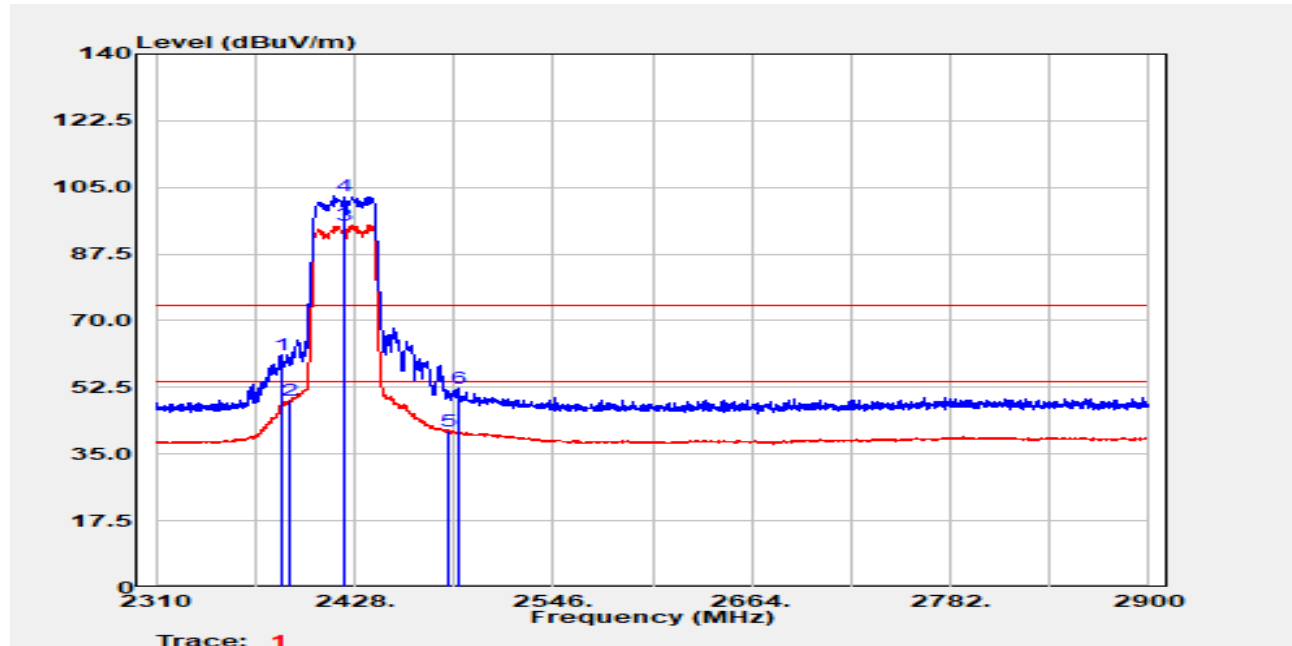
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Report Number :TERF2503000904E2
 Operation Mode :802.11n40
 Test Frequency :2422 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



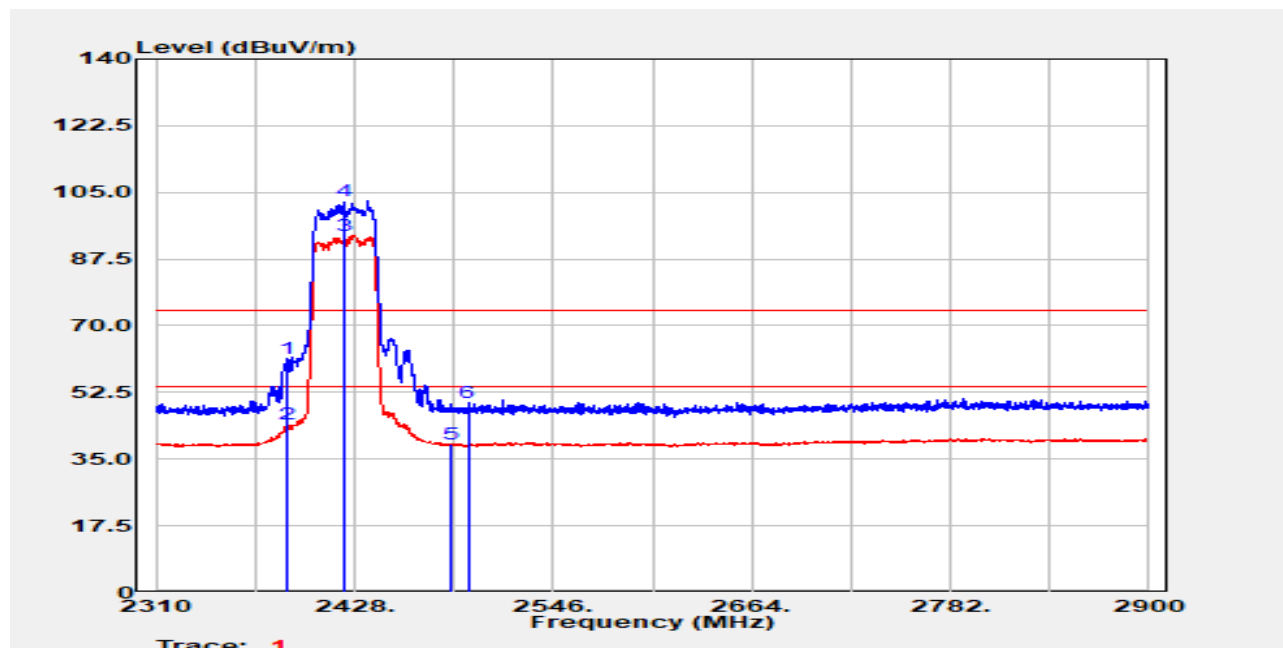
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2384.17	Peak	64.44	-3.30	61.14	74.00	-12.86
2389.87	Average	52.34	-3.24	49.10	54.00	-4.90
2422.00	Average	98.44	-3.32	95.12	-	-
2422.00	Peak	106.12	-3.32	102.80	-	-
2484.11	Average	44.55	-3.35	41.20	54.00	-12.80
2489.22	Peak	55.59	-3.35	52.24	74.00	-21.76

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Report Number :TERF2503000904E2
 Operation Mode :802.11n40
 Test Frequency :2422 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2388.10	Peak	64.71	-3.26	61.45	74.00	-12.55
2388.50	Average	47.30	-3.26	44.04	54.00	-9.96
2422.00	Average	96.89	-3.32	93.57	-	-
2422.00	Peak	106.29	-3.32	102.97	-	-
2484.70	Average	42.37	-3.35	39.02	54.00	-14.98
2495.32	Peak	53.03	-3.35	49.68	74.00	-24.32

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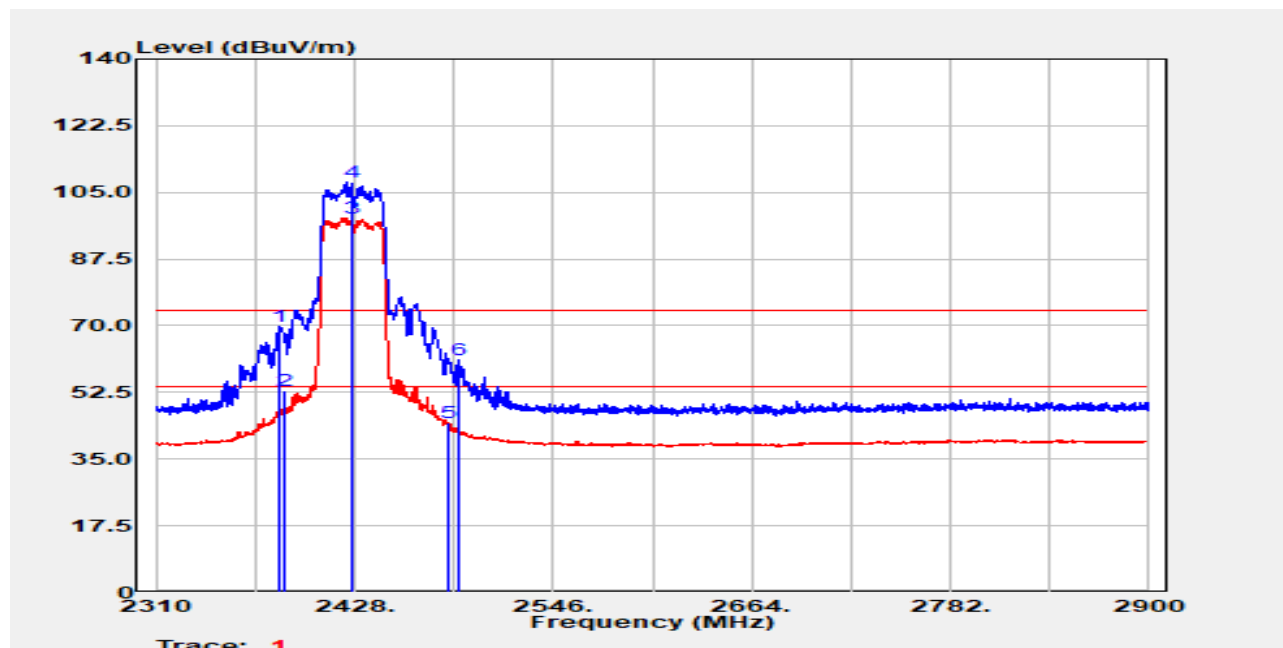
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Report Number :TERF2503000904E2
 Operation Mode :802.11n40
 Test Frequency :2427 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2383.78	Peak	73.12	-3.30	69.82	74.00	-4.18
2386.92	Average	56.20	-3.27	52.93	54.00	-1.07
2427.00	Average	101.63	-3.32	98.31	-	-
2427.00	Peak	110.98	-3.32	107.66	-	-
2483.91	Average	47.79	-3.35	44.44	54.00	-9.56
2489.81	Peak	64.48	-3.35	61.13	74.00	-12.87

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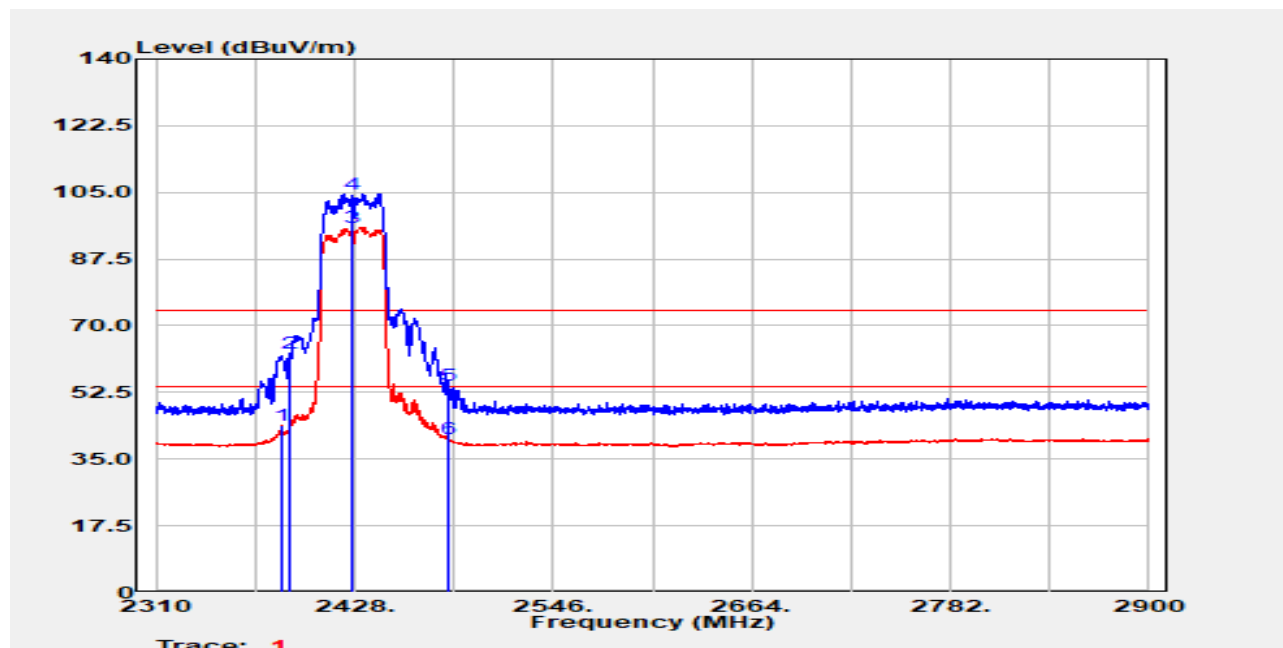
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Report Number :TERF2503000904E2
 Operation Mode :802.11n40
 Test Frequency :2427 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



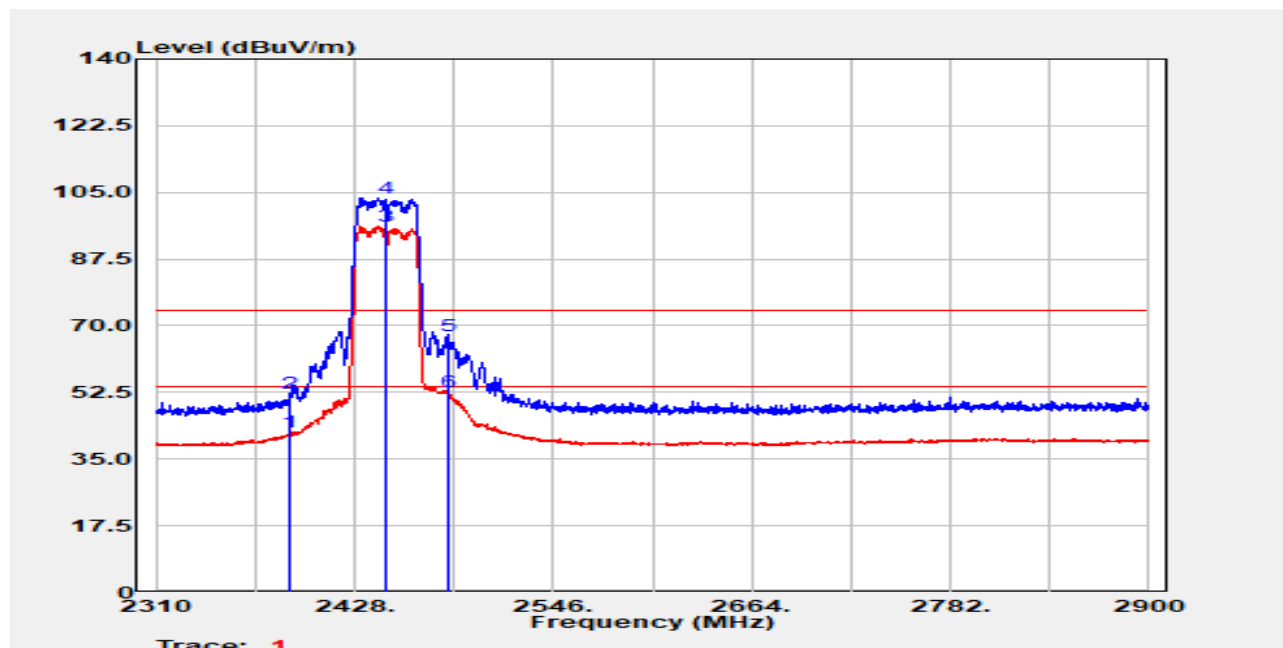
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2384.17	Average	47.10	-3.30	43.80	54.00	-10.20
2389.68	Peak	66.16	-3.24	62.92	74.00	-11.08
2427.00	Average	99.04	-3.32	95.72	-	-
2427.00	Peak	108.02	-3.32	104.70	-	-
2483.50	Peak	57.79	-3.35	54.44	74.00	-19.56
2483.72	Average	43.83	-3.35	40.48	54.00	-13.52

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Report Number :TERF2503000904E2
 Operation Mode :802.11n40
 Test Frequency :2447 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2389.87	Average	45.19	-3.24	41.95	54.00	-12.05
2389.87	Peak	55.55	-3.24	52.31	74.00	-21.69
2447.00	Average	99.69	-3.47	96.22	-	-
2447.00	Peak	107.00	-3.47	103.53	-	-
2483.50	Peak	70.83	-3.35	67.48	74.00	-6.52
2484.31	Average	55.88	-3.35	52.53	54.00	-1.47

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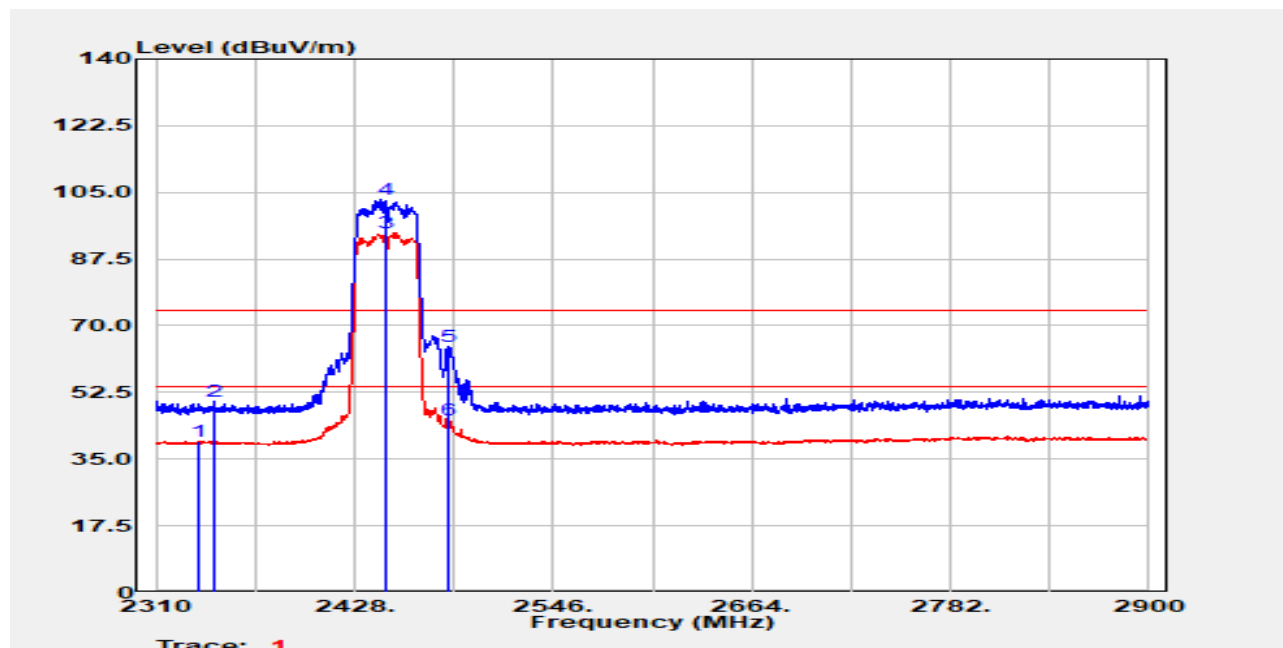
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Report Number :TERF2503000904E2
 Operation Mode :802.11n40
 Test Frequency :2447 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



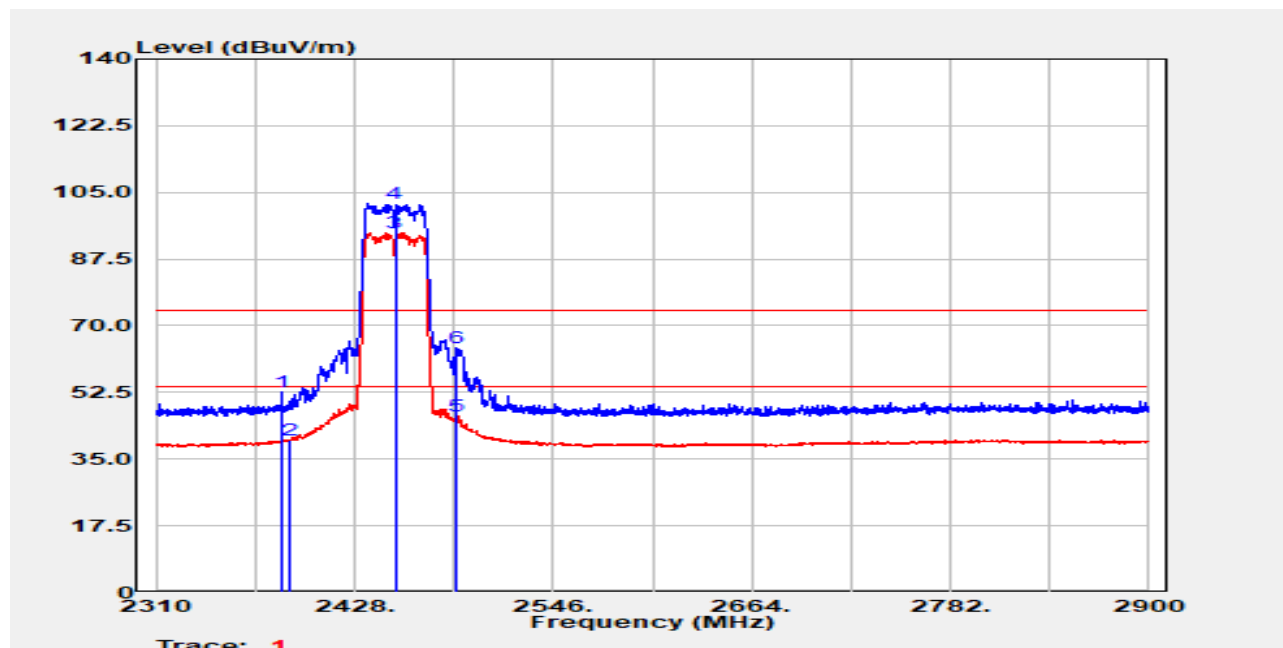
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2334.99	Average	42.94	-3.26	39.68	54.00	-14.32
2344.82	Peak	53.53	-3.25	50.28	74.00	-23.72
2447.00	Average	97.86	-3.47	94.39	-	-
2447.00	Peak	106.77	-3.47	103.30	-	-
2483.50	Peak	67.76	-3.35	64.41	74.00	-9.59
2484.11	Average	48.50	-3.35	45.15	54.00	-8.85

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Report Number :TERF2503000904E2
 Operation Mode :802.11n40
 Test Frequency :2452 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2384.37	Peak	56.07	-3.30	52.77	74.00	-21.23
2389.87	Average	43.39	-3.24	40.15	54.00	-13.85
2452.00	Average	98.02	-3.49	94.53	-	-
2452.00	Peak	105.59	-3.49	102.10	-	-
2487.65	Average	49.80	-3.35	46.45	54.00	-7.55
2488.24	Peak	67.53	-3.35	64.18	74.00	-9.82

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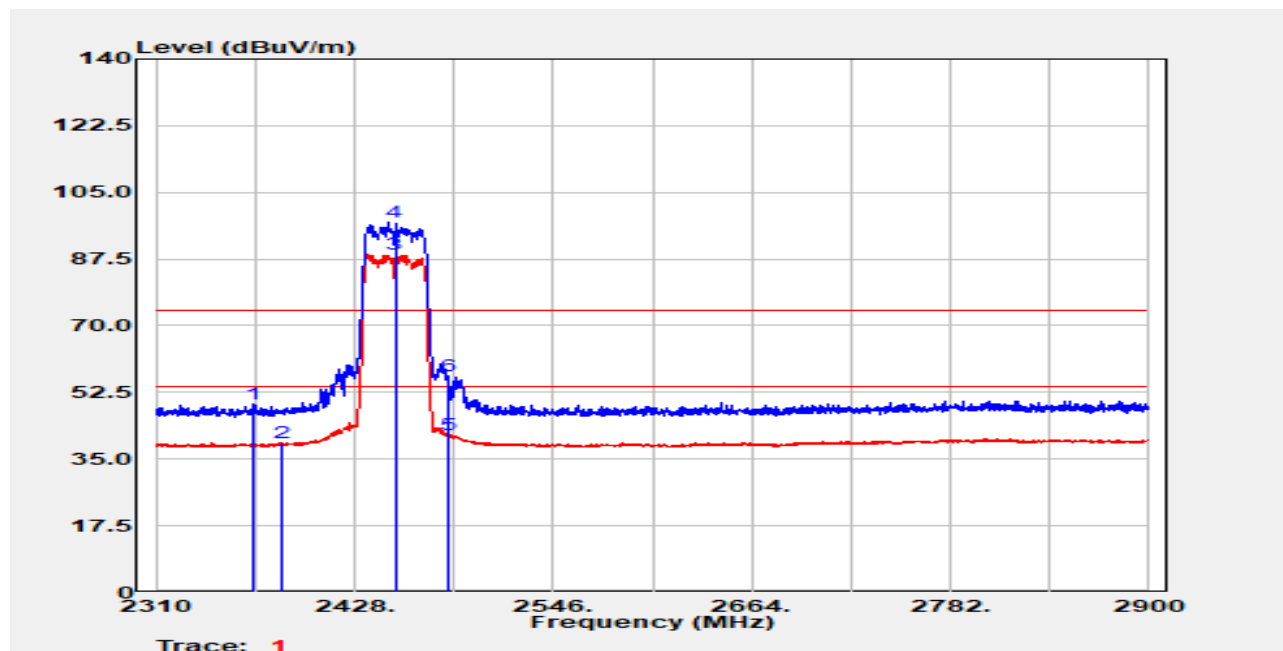
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Report Number :TERF2503000904E2
 Operation Mode :802.11n40
 Test Frequency :2452 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2367.84	Peak	52.74	-3.33	49.41	74.00	-24.59
2384.56	Average	42.64	-3.29	39.35	54.00	-14.65
2452.00	Average	92.16	-3.49	88.67	-	-
2452.00	Peak	100.68	-3.49	97.19	-	-
2483.50	Average	44.77	-3.35	41.42	54.00	-12.58
2483.91	Peak	60.02	-3.35	56.67	74.00	-17.33

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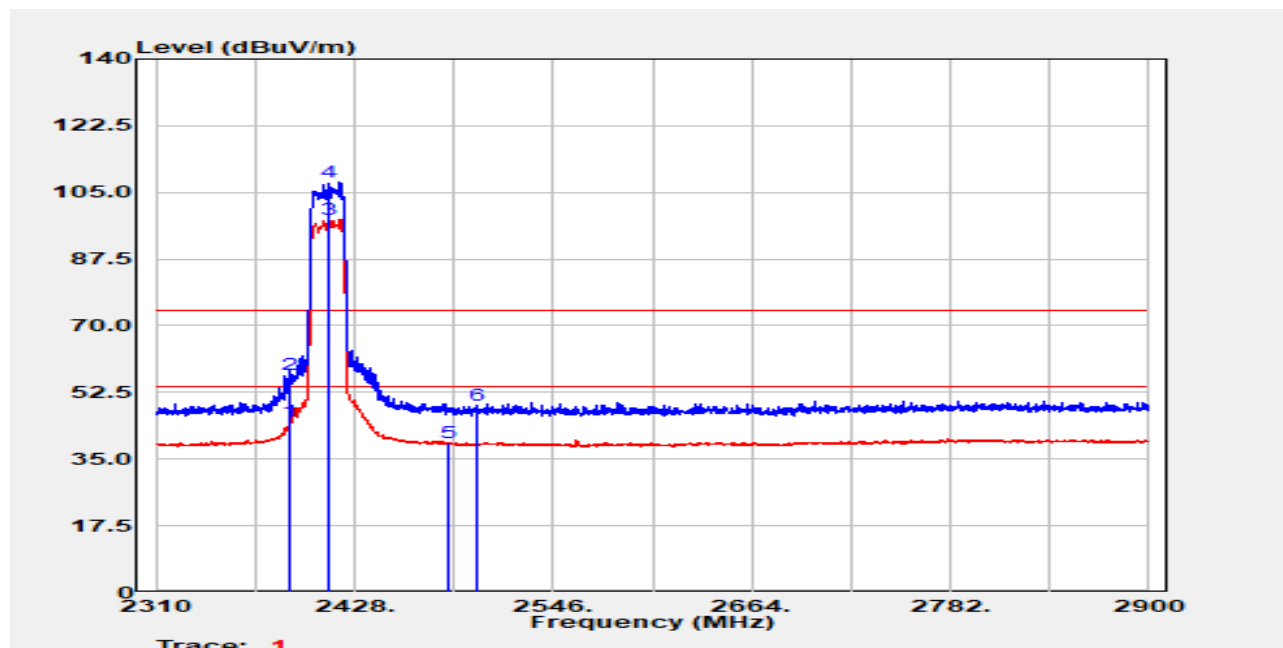
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Report Number :TERF2503000904E2
 Operation Mode :802.11ax20 RU Full
 Test Frequency :2412 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



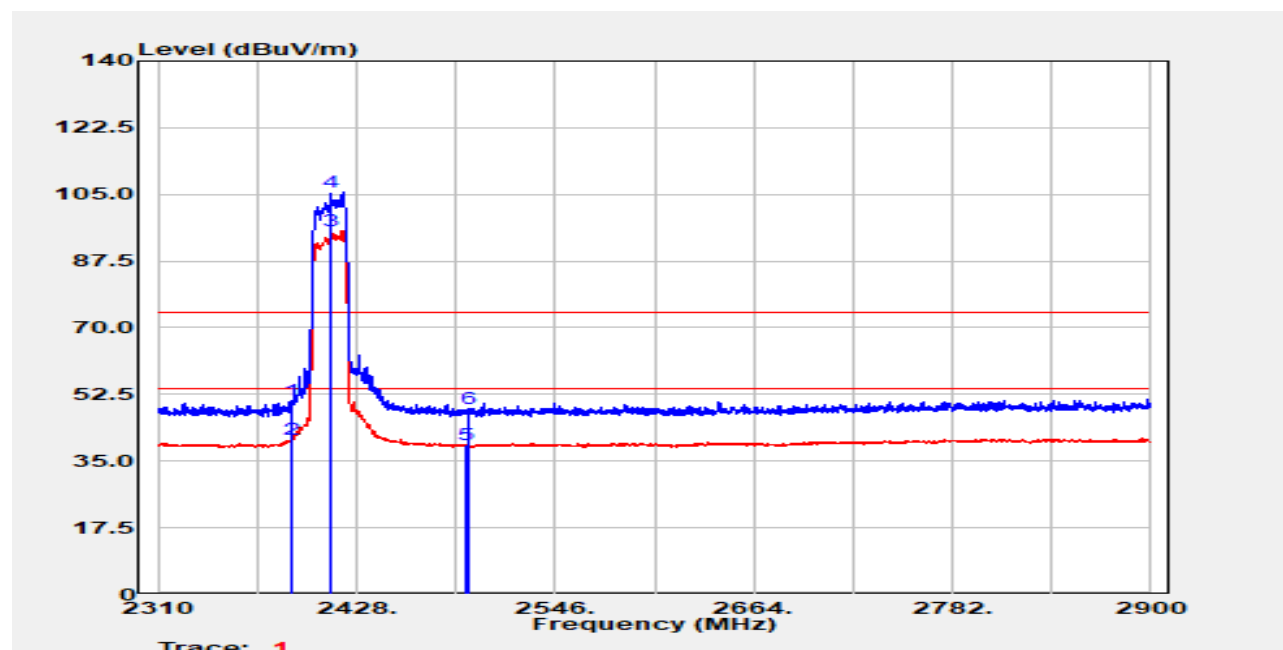
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2389.87	Average	47.99	-3.24	44.75	54.00	-9.25
2389.87	Peak	60.50	-3.24	57.26	74.00	-16.74
2412.00	Average	101.41	-3.41	98.00	-	-
2412.00	Peak	111.12	-3.41	107.71	-	-
2483.50	Average	42.70	-3.35	39.35	54.00	-14.65
2500.04	Peak	52.29	-3.34	48.95	74.00	-25.05

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Report Number :TERF2503000904E2
 Operation Mode :802.11ax20 RU Full
 Test Frequency :2412 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



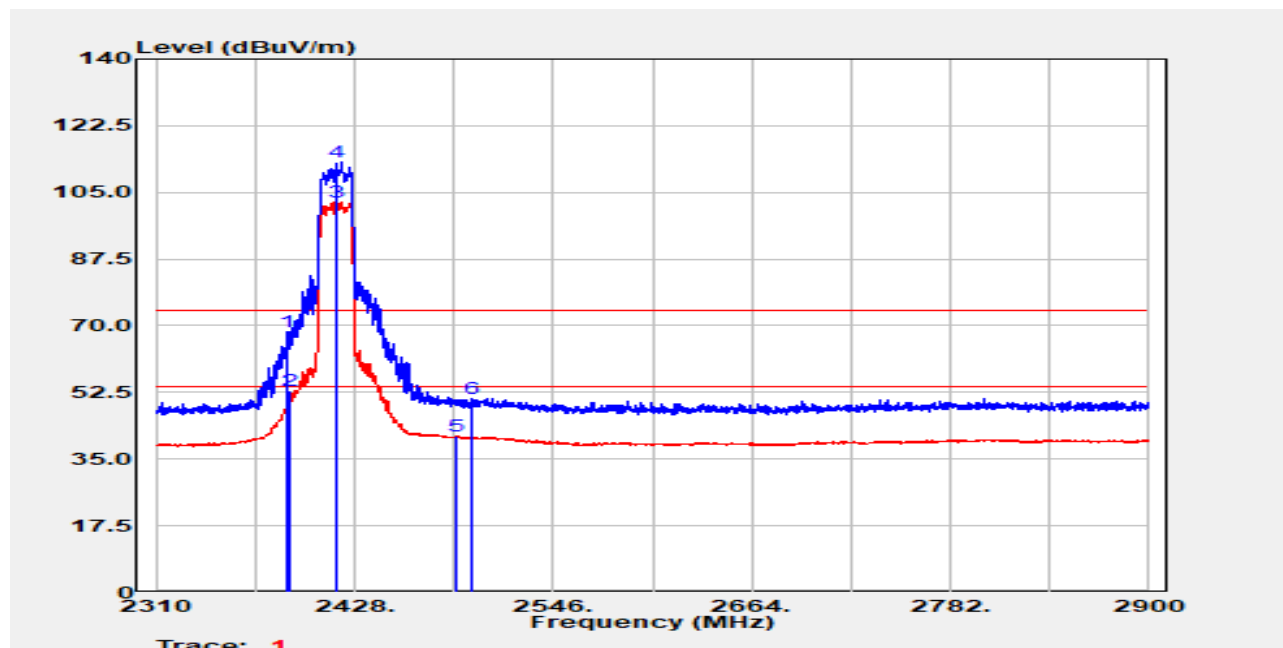
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2389.28	Peak	54.18	-3.25	50.93	74.00	-23.07
2389.68	Average	43.91	-3.24	40.67	54.00	-13.33
2412.00	Average	98.80	-3.41	95.39	-	-
2412.00	Peak	109.16	-3.41	105.75	-	-
2493.55	Average	42.71	-3.34	39.37	54.00	-14.63
2495.13	Peak	52.19	-3.35	48.84	74.00	-25.16

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Report Number :TERF2503000904E2
 Operation Mode :802.11ax20 RU Full
 Test Frequency :2417 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2387.71	Peak	71.76	-3.26	68.50	74.00	-5.50
2389.87	Average	56.11	-3.24	52.87	54.00	-1.13
2417.00	Average	105.77	-3.36	102.41	-	-
2417.00	Peak	116.22	-3.36	112.86	-	-
2487.65	Average	44.44	-3.35	41.09	54.00	-12.91
2497.29	Peak	54.23	-3.35	50.88	74.00	-23.12

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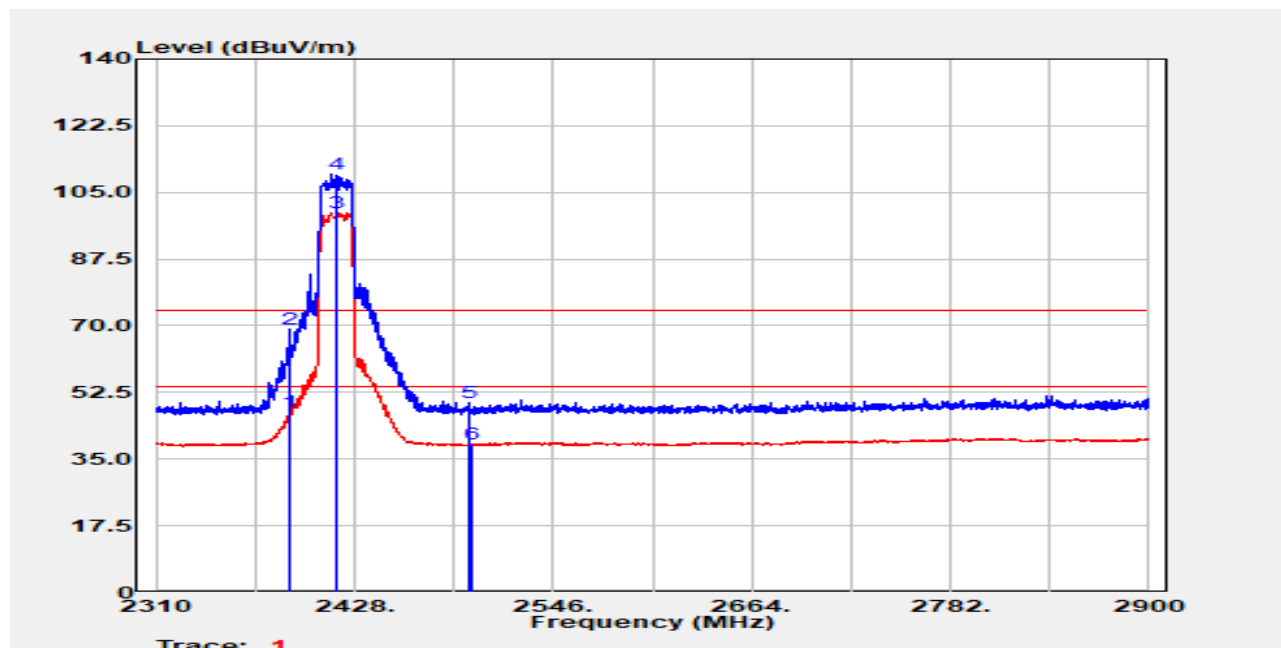
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Report Number :TERF2503000904E2
 Operation Mode :802.11ax20 RU Full
 Test Frequency :2417 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



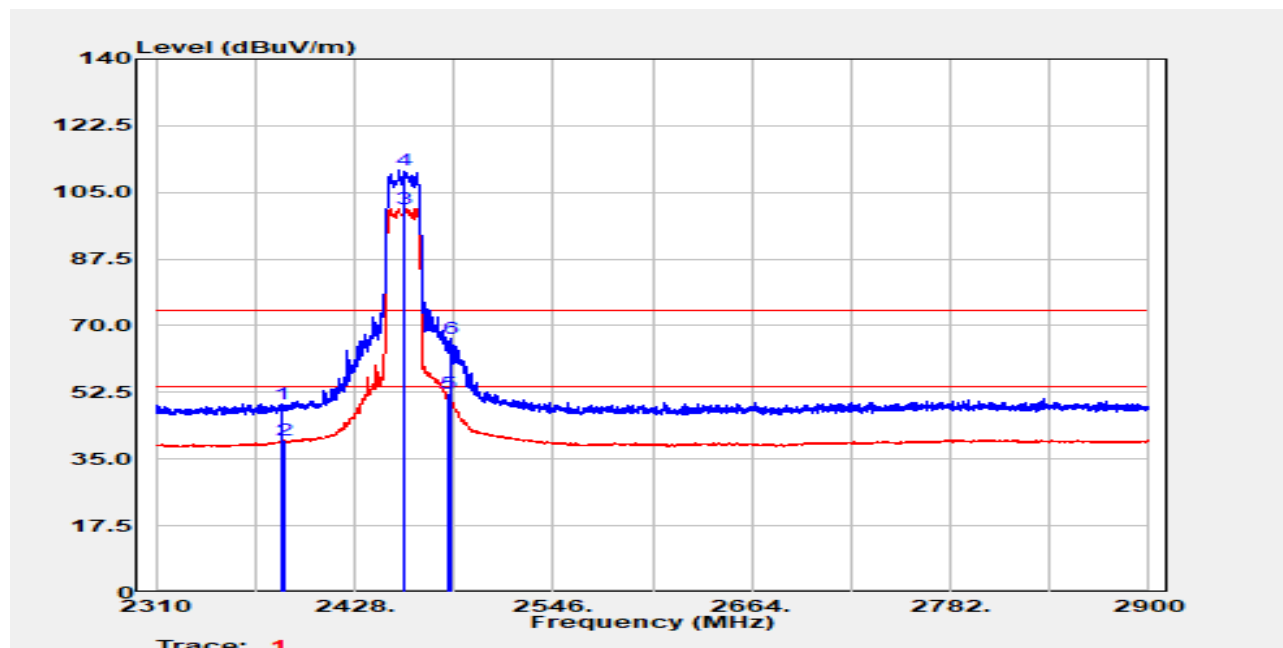
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2389.48	Average	50.65	-3.25	47.40	54.00	-6.60
2389.87	Peak	72.26	-3.24	69.02	74.00	-4.98
2417.00	Average	103.16	-3.36	99.80	-	-
2417.00	Peak	113.13	-3.36	109.77	-	-
2495.52	Peak	53.33	-3.35	49.98	74.00	-24.02
2497.49	Average	42.44	-3.35	39.09	54.00	-14.91

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Report Number :TERF2503000904E2
 Operation Mode :802.11ax20 RU Full
 Test Frequency :2457 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2384.37	Peak	52.83	-3.30	49.53	74.00	-24.47
2385.74	Average	43.20	-3.28	39.92	54.00	-14.08
2457.00	Average	104.23	-3.49	100.74	-	-
2457.00	Peak	114.48	-3.49	110.99	-	-
2483.72	Average	55.70	-3.35	52.35	54.00	-1.65
2485.29	Peak	70.08	-3.36	66.72	74.00	-7.28

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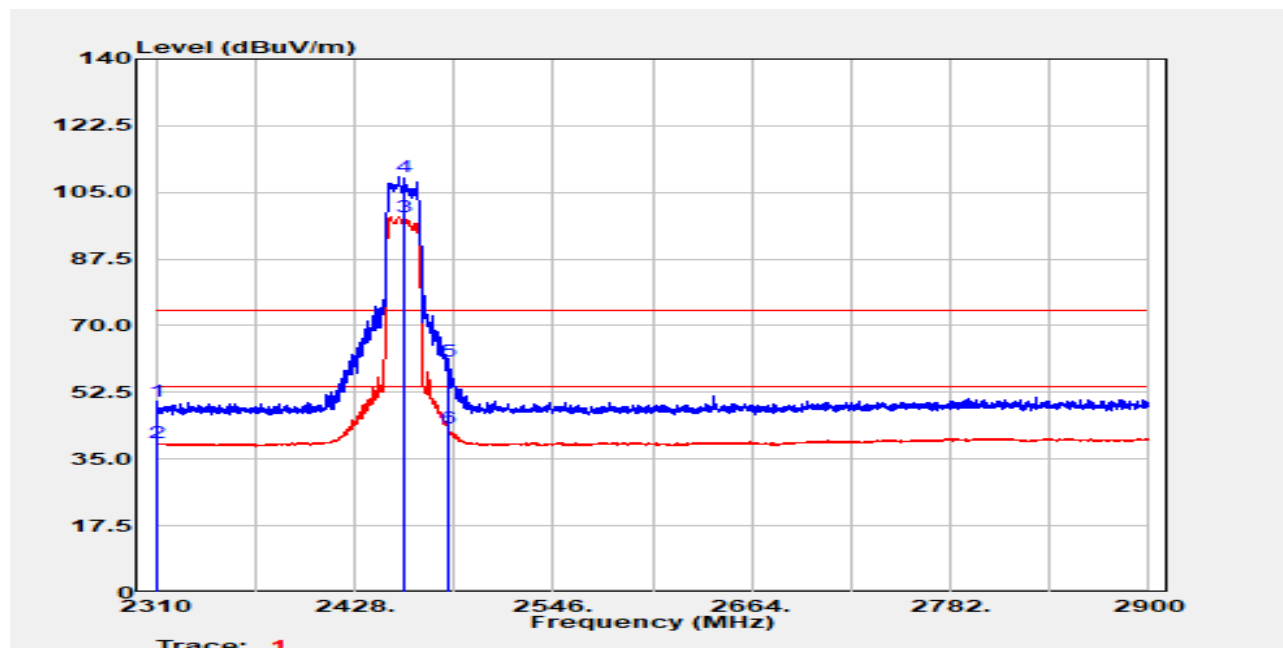
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Report Number :TERF2503000904E2
 Operation Mode :802.11ax20 RU Full
 Test Frequency :2457 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2310.20	Peak	53.43	-3.17	50.26	74.00	-23.74
2310.79	Average	42.40	-3.18	39.22	54.00	-14.78
2457.00	Average	102.10	-3.49	98.61	-	-
2457.00	Peak	112.50	-3.49	109.01	-	-
2483.72	Peak	64.00	-3.35	60.65	74.00	-13.35
2483.91	Average	46.67	-3.35	43.32	54.00	-10.68

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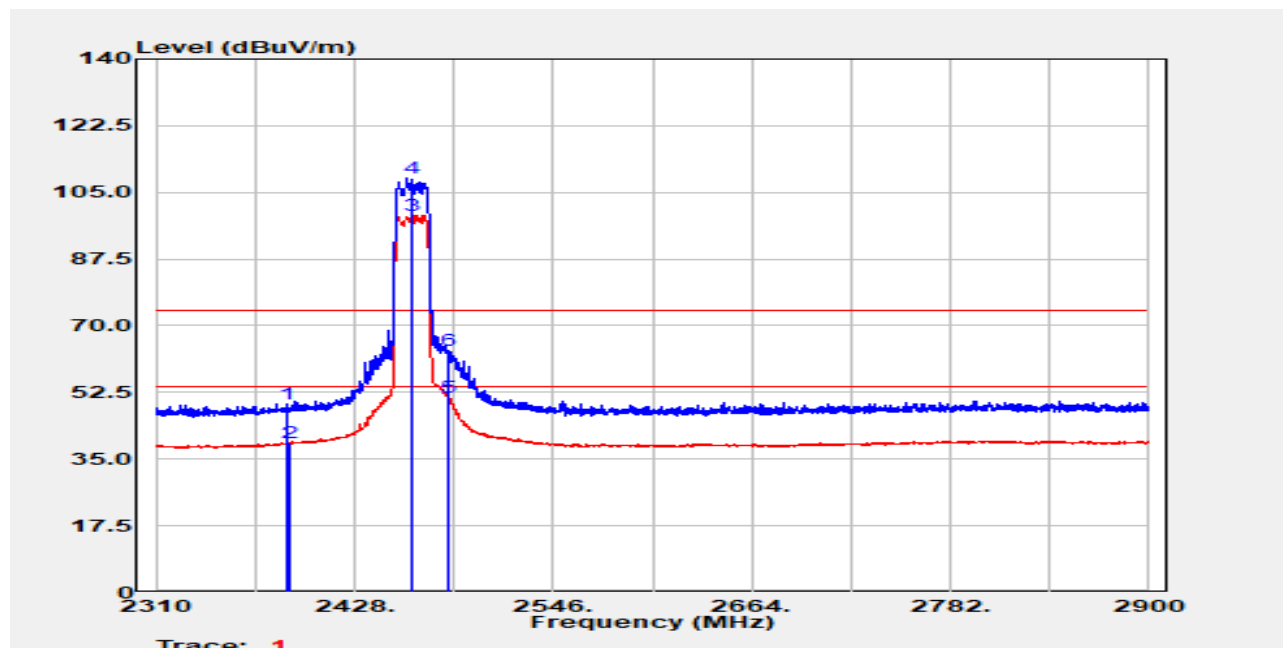
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Report Number :TERF2503000904E2
Operation Mode :802.11ax20 RU Full
Test Frequency :2462 MHz
Test Mode :Bandedge
EUT Pol :E2 Plane

Test Site :SAC G
Test Date :2025-06-02
Temp./Humi. :23.9°C/52%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
Mode		Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2387.32	Peak	52.70	-3.27	49.43	74.00	-24.57
2389.87	Average	42.60	-3.24	39.36	54.00	-14.64
2462.00	Average	102.43	-3.48	98.95	-	-
2462.00	Peak	112.10	-3.48	108.62	-	-
2483.50	Average	54.70	-3.35	51.35	54.00	-2.65
2484.31	Peak	67.00	-3.35	63.65	74.00	-10.35

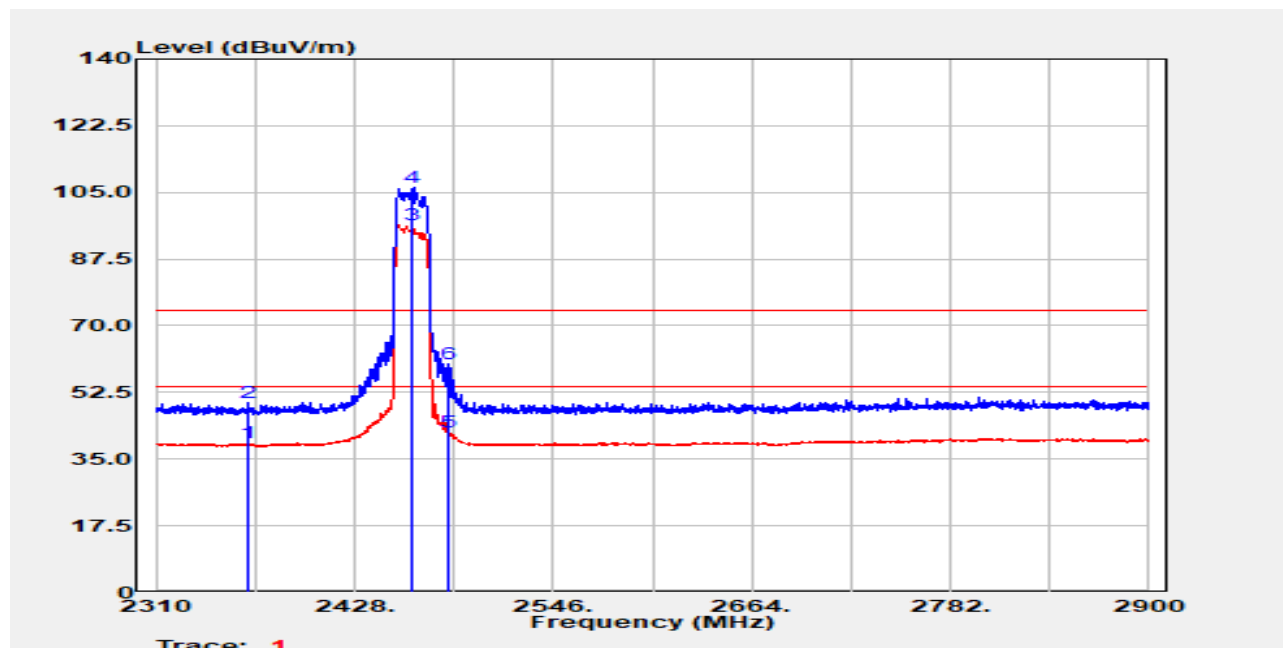
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Report Number :TERF2503000904E2
 Operation Mode :802.11ax20 RU Full
 Test Frequency :2462 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2364.30	Average	42.44	-3.29	39.15	54.00	-14.85
2364.30	Peak	53.06	-3.29	49.77	74.00	-24.23
2462.00	Average	100.06	-3.48	96.58	-	-
2462.00	Peak	109.87	-3.48	106.39	-	-
2483.50	Average	45.59	-3.35	42.24	54.00	-11.76
2483.91	Peak	63.37	-3.35	60.02	74.00	-13.98

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t (886-2) 2299-3279

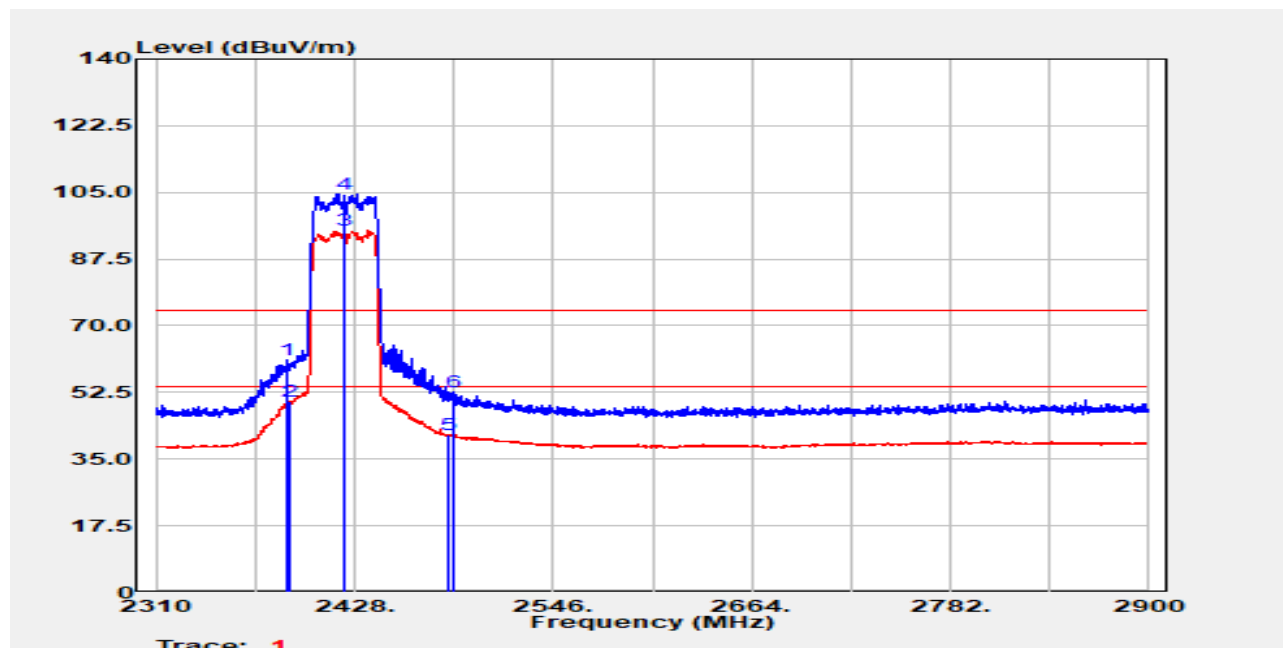
f (886-2) 2298-0488

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Report Number :TERF2503000904E2
 Operation Mode :802.11ax40 RU Full
 Test Frequency :2422 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



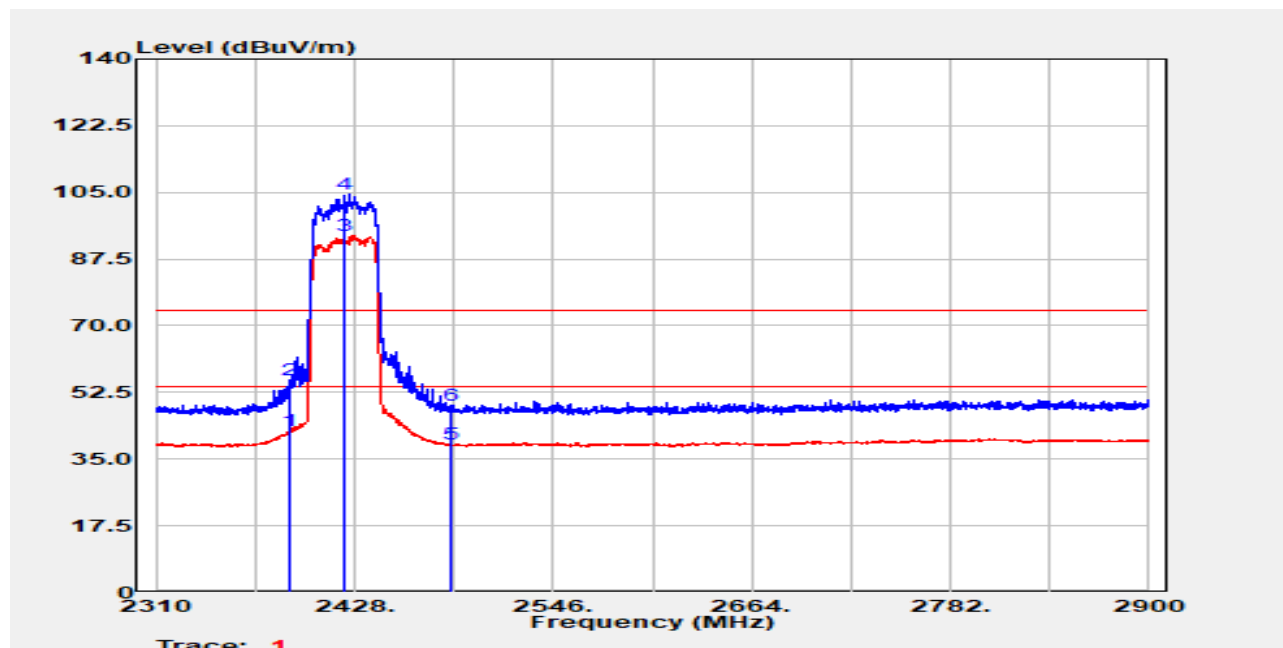
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2388.10	Peak	64.30	-3.26	61.04	74.00	-12.96
2389.28	Average	53.33	-3.25	50.08	54.00	-3.92
2422.00	Average	98.29	-3.32	94.97	-	-
2422.00	Peak	108.04	-3.32	104.72	-	-
2483.91	Average	44.72	-3.35	41.37	54.00	-12.63
2486.67	Peak	56.05	-3.36	52.69	74.00	-21.31

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Report Number :TERF2503000904E2
 Operation Mode :802.11ax40 RU Full
 Test Frequency :2422 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2388.69	Average	45.55	-3.25	42.30	54.00	-11.70
2389.68	Peak	59.16	-3.24	55.92	74.00	-18.08
2422.00	Average	96.94	-3.32	93.62	-	-
2422.00	Peak	107.91	-3.32	104.59	-	-
2484.90	Average	42.40	-3.35	39.05	54.00	-14.95
2485.29	Peak	52.65	-3.36	49.29	74.00	-24.71

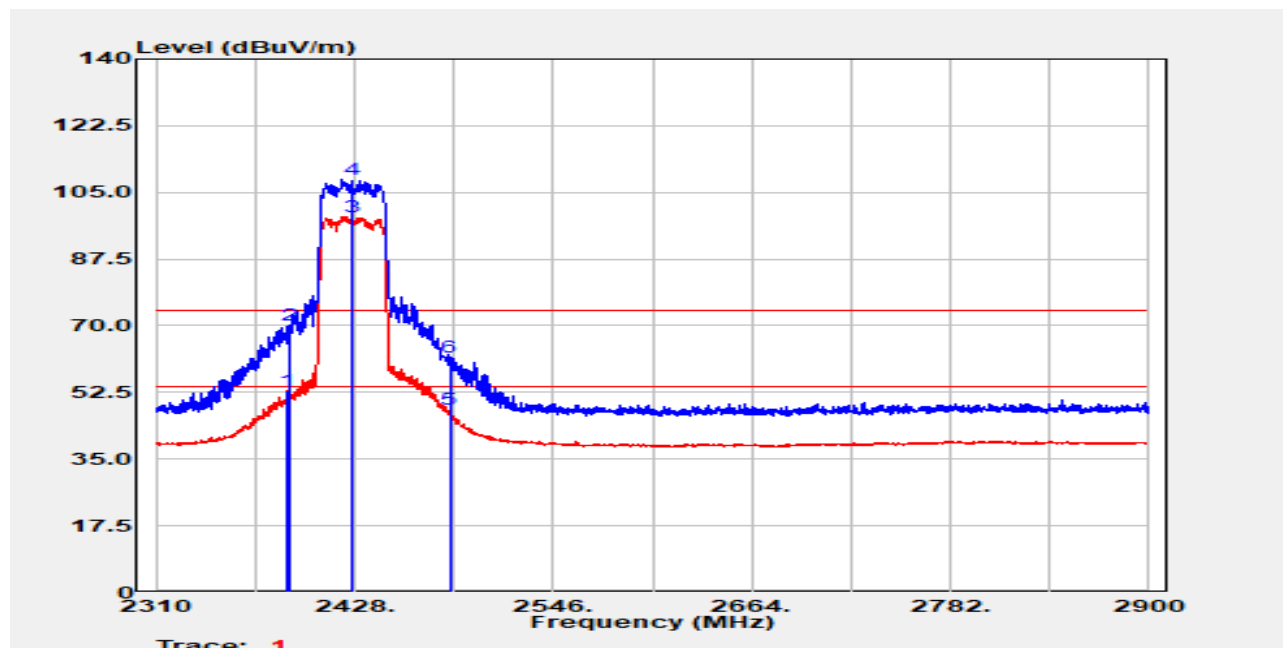
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Report Number :TERF2503000904E2
 Operation Mode :802.11ax40 RU Full
 Test Frequency :2427 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



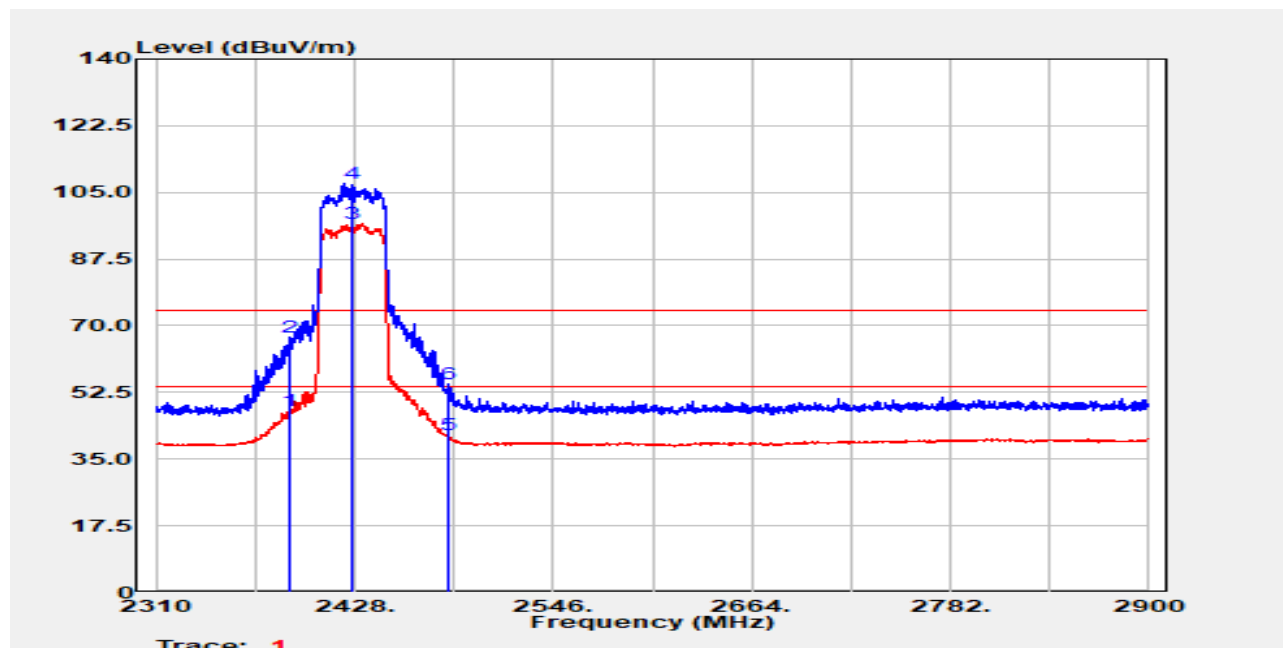
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2388.10	Average	56.37	-3.26	53.11	54.00	-0.89
2389.48	Peak	73.25	-3.25	70.00	74.00	-4.00
2427.00	Average	102.00	-3.32	98.68	-	-
2427.00	Peak	111.75	-3.32	108.43	-	-
2484.50	Average	51.40	-3.35	48.05	54.00	-5.95
2484.50	Peak	65.18	-3.35	61.83	74.00	-12.17

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Report Number :TERF2503000904E2
 Operation Mode :802.11ax40 RU Full
 Test Frequency :2427 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-02
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2389.09	Average	50.97	-3.25	47.72	54.00	-6.28
2389.68	Peak	70.20	-3.24	66.96	74.00	-7.04
2427.00	Average	100.04	-3.32	96.72	-	-
2427.00	Peak	110.76	-3.32	107.44	-	-
2483.91	Average	44.79	-3.35	41.44	54.00	-12.56
2484.31	Peak	57.97	-3.35	54.62	74.00	-19.38

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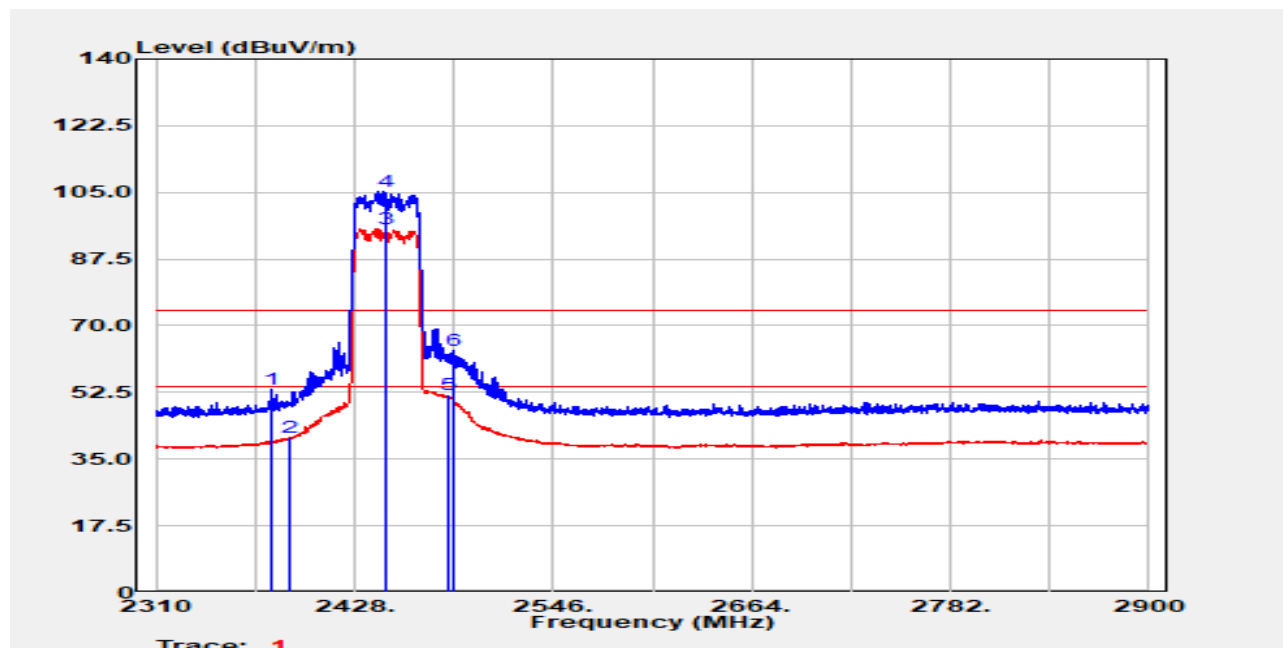
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Report Number :TERF2503000904E2
 Operation Mode :802.11ax40 RU Full
 Test Frequency :2447 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-03
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2379.05	Peak	56.63	-3.35	53.28	74.00	-20.72
2389.87	Average	43.80	-3.24	40.56	54.00	-13.44
2447.00	Average	99.05	-3.47	95.58	-	-
2447.00	Peak	108.85	-3.47	105.38	-	-
2484.31	Average	55.38	-3.35	52.03	54.00	-1.97
2486.27	Peak	66.80	-3.36	63.44	74.00	-10.56

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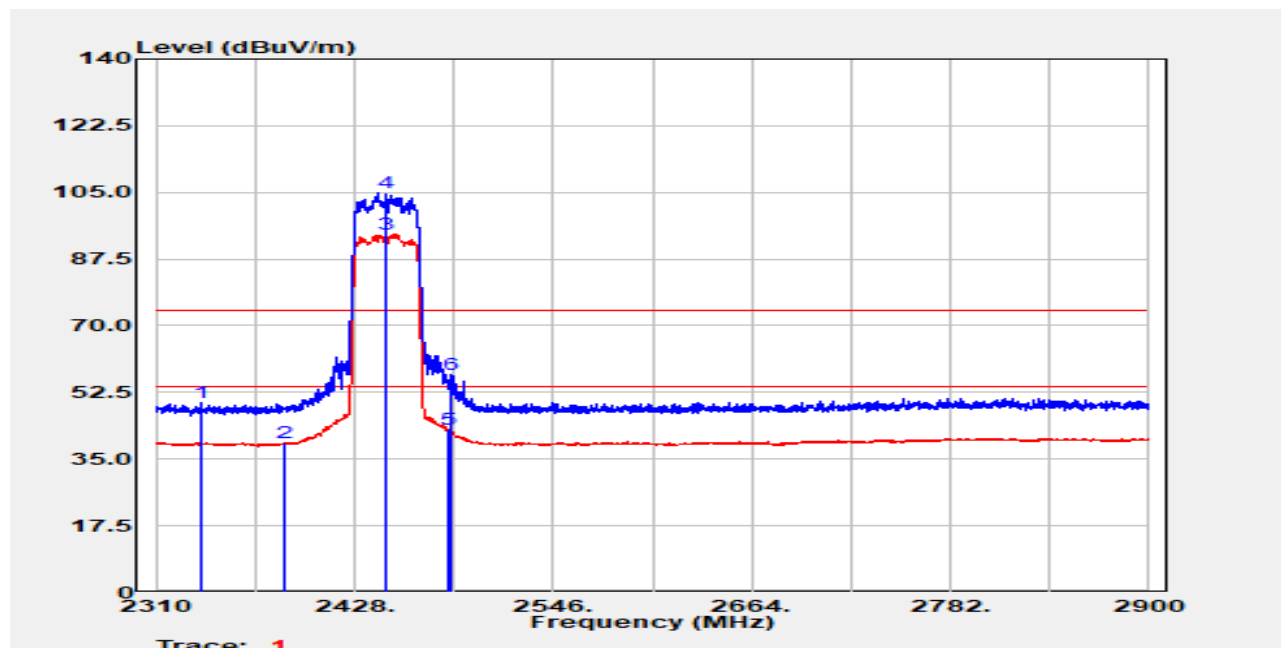
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Member of SGS Group

Report Number :TERF2503000904E2
 Operation Mode :802.11ax40 RU Full
 Test Frequency :2447 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-03
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



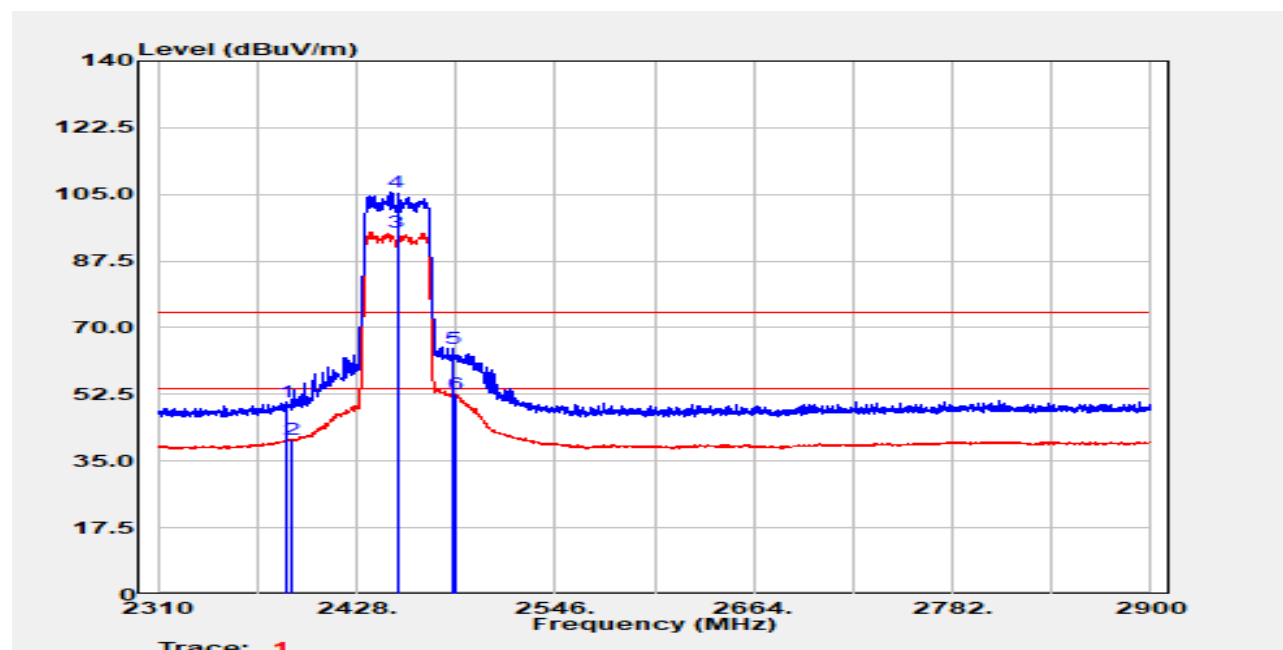
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2337.15	Peak	53.12	-3.26	49.86	74.00	-24.14
2386.92	Average	42.55	-3.27	39.28	54.00	-14.72
2447.00	Average	97.65	-3.47	94.18	-	-
2447.00	Peak	108.30	-3.47	104.83	-	-
2484.31	Average	46.13	-3.35	42.78	54.00	-11.22
2485.29	Peak	60.42	-3.36	57.06	74.00	-16.94

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Report Number :TERF2503000904E2
 Operation Mode :802.11ax40 RU Full
 Test Frequency :2452 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-03
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



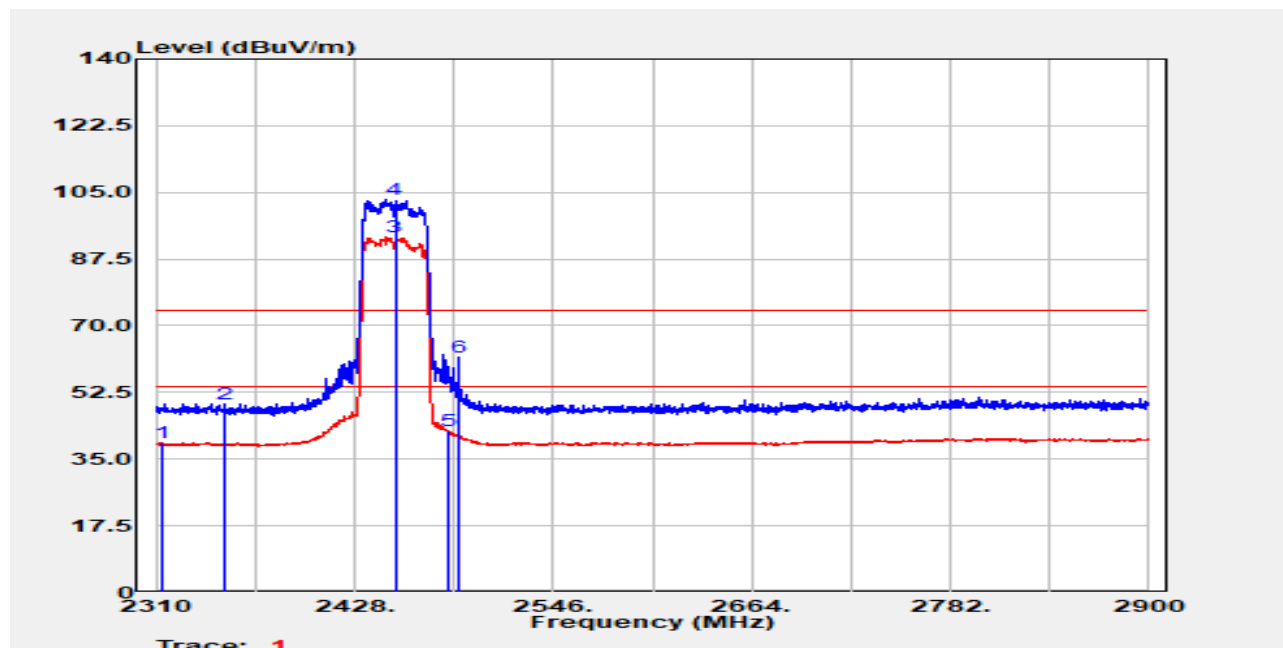
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2386.92	Peak	53.71	-3.27	50.44	74.00	-23.56
2389.87	Average	44.09	-3.24	40.85	54.00	-13.15
2452.00	Average	98.59	-3.49	95.10	-	-
2452.00	Peak	109.06	-3.49	105.57	-	-
2484.70	Peak	67.87	-3.35	64.52	74.00	-9.48
2487.26	Average	55.91	-3.36	52.55	54.00	-1.45

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Report Number :TERF2503000904E2
 Operation Mode :802.11ax40 RU Full
 Test Frequency :2452 MHz
 Test Mode :Bandedge
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-03
 Temp./Humi. :23.9°C/52%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
2312.95	Average	42.43	-3.20	39.23	54.00	-14.77
2351.12	Peak	52.85	-3.26	49.59	74.00	-24.41
2452.00	Average	96.74	-3.49	93.25	-	-
2452.00	Peak	106.66	-3.49	103.17	-	-
2483.72	Average	45.68	-3.35	42.33	54.00	-11.67
2489.62	Peak	65.00	-3.35	61.65	74.00	-12.35

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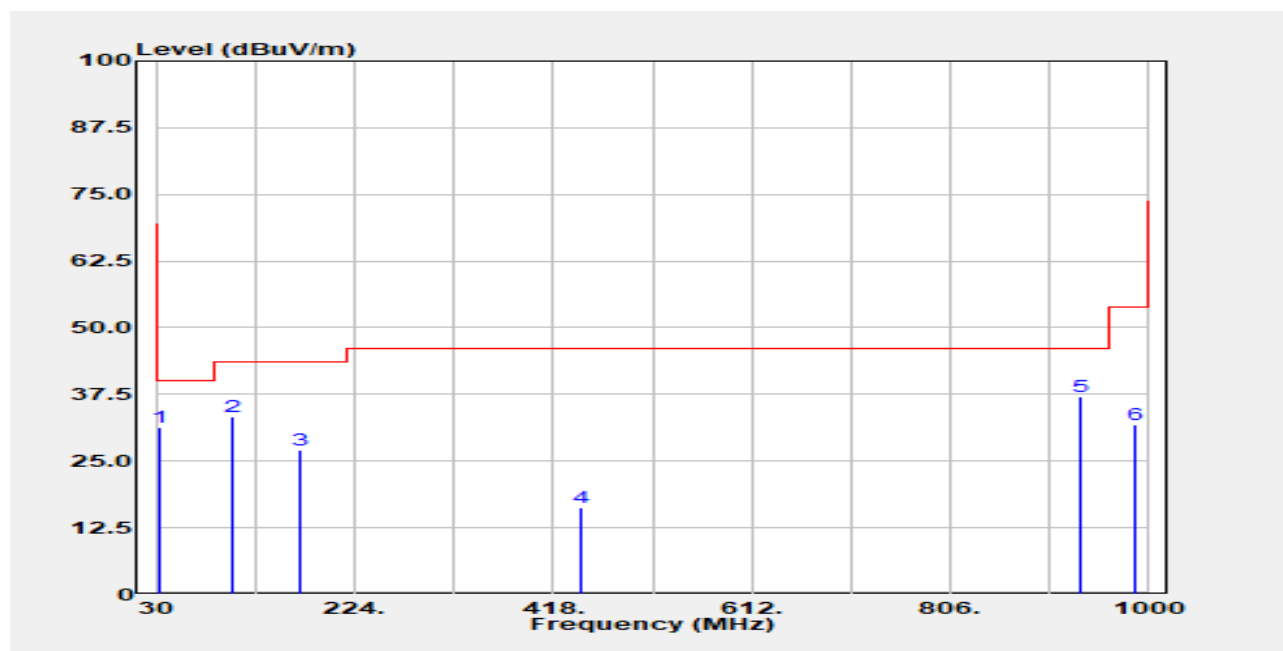
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9.6.2 Spurious Emission:

Test Site: SAC G

Report Number :TERF2503000904E2
 Operation Mode :802.11g
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-17
 Temp./Humi. :21.0°C/64%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
MHz	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
32.91	QP	45.90	-14.53	31.37	40.00	-8.63
104.69	QP	50.10	-16.80	33.30	43.50	-10.20
171.62	QP	40.39	-13.43	26.96	43.50	-16.54
444.19	QP	24.30	-8.03	16.27	46.00	-29.73
934.04	Peak	36.47	0.55	37.02	46.00	-8.98
987.39	Peak	30.86	0.87	31.73	54.00	-22.27

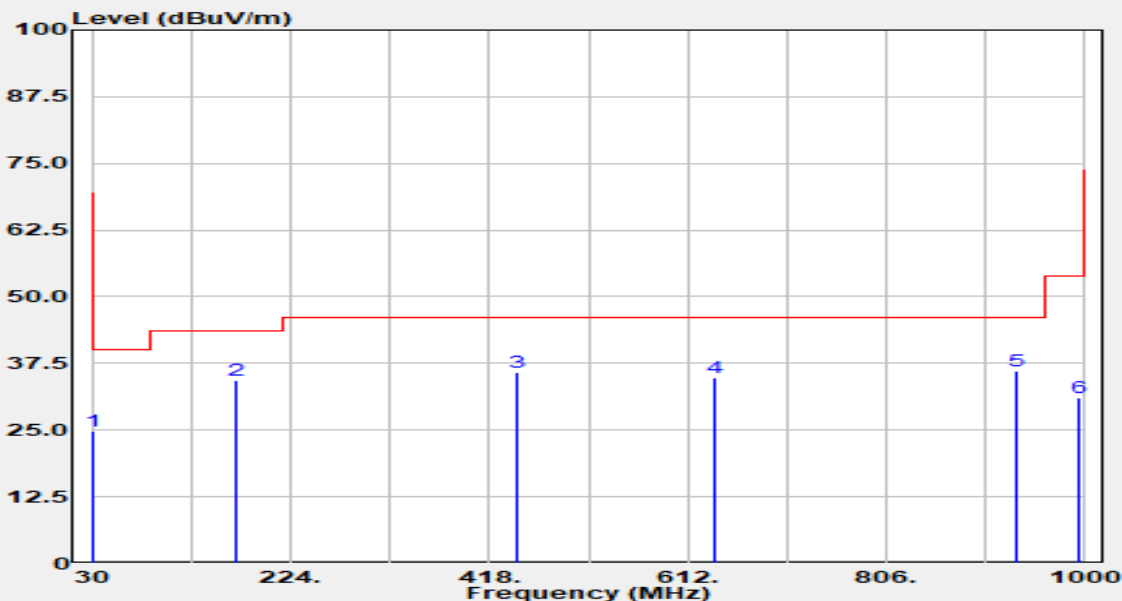
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Report Number :TERF2503000904E2
 Operation Mode :802.11g
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-17
 Temp./Humi. :21.0°C/64%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



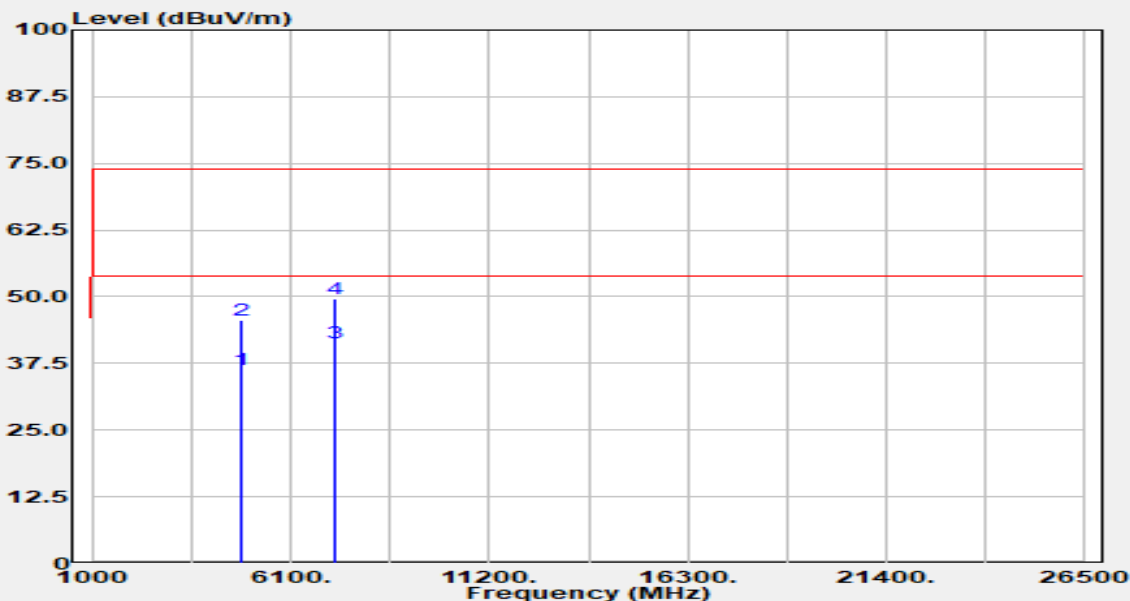
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
31.94	Peak	39.19	-14.34	24.85	40.00	-15.15
171.62	Peak	47.83	-13.43	34.40	43.50	-9.10
444.19	Peak	43.76	-8.03	35.73	46.00	-10.27
639.16	Peak	38.97	-4.15	34.82	46.00	-11.18
934.04	Peak	35.46	0.55	36.01	46.00	-9.99
994.18	Peak	30.00	1.02	31.02	54.00	-22.98

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Report Number :TERF2503000904E2
 Operation Mode :802.11b
 Test Frequency :2412 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-05
 Temp./Humi. :20.6°C/60%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
4824.00	Average	32.47	3.91	36.38	54.00	-17.62
4824.00	Peak	41.60	3.91	45.51	74.00	-28.49
7236.00	Average	33.07	8.30	41.37	54.00	-12.63
7236.00	Peak	41.23	8.30	49.53	74.00	-24.47

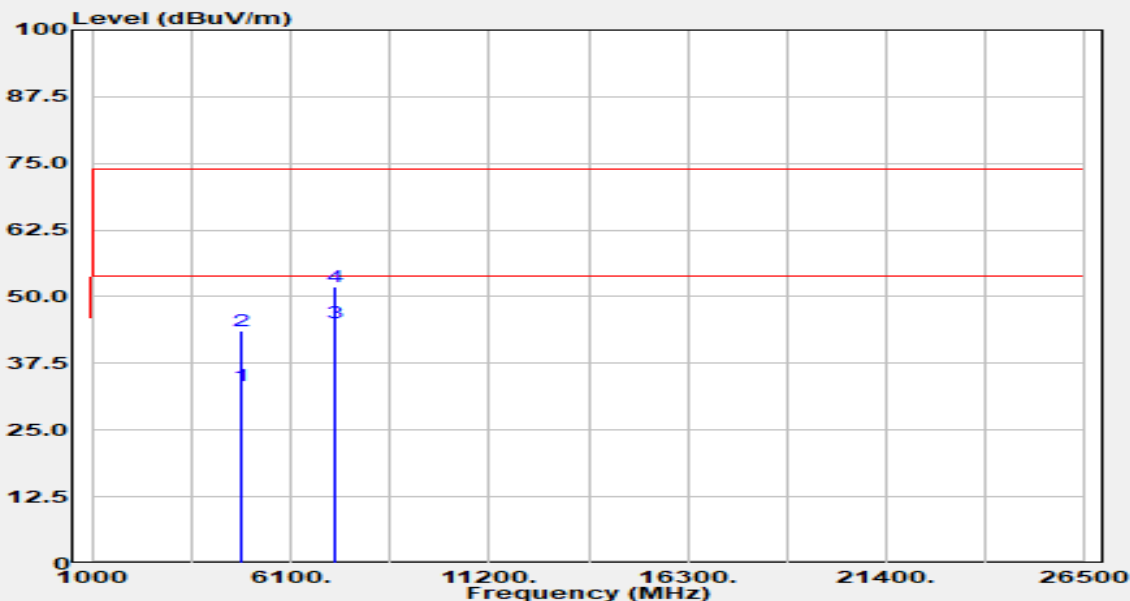
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Report Number :TERF2503000904E2
 Operation Mode :802.11b
 Test Frequency :2412 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-05
 Temp./Humi. :20.6°C/60%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
4824.00	Average	29.54	3.91	33.45	54.00	-20.55
4824.00	Peak	39.68	3.91	43.59	74.00	-30.41
7236.00	Average	36.91	8.30	45.21	54.00	-8.79
7236.00	Peak	43.61	8.30	51.91	74.00	-22.09

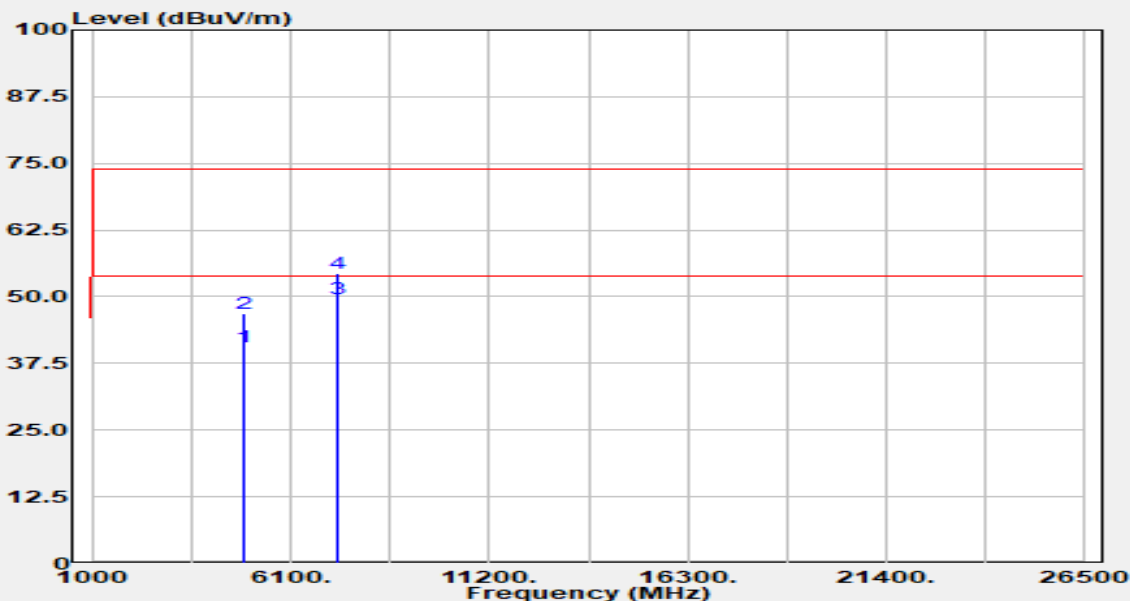
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Report Number :TERF2503000904E2
 Operation Mode :802.11b
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-05
 Temp./Humi. :20.6°C/60%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
4874.00	Average	36.48	4.04	40.52	54.00	-13.48
4874.00	Peak	42.88	4.04	46.92	74.00	-27.08
7311.00	Average	41.44	8.23	49.67	54.00	-4.33
7311.00	Peak	46.27	8.23	54.50	74.00	-19.50

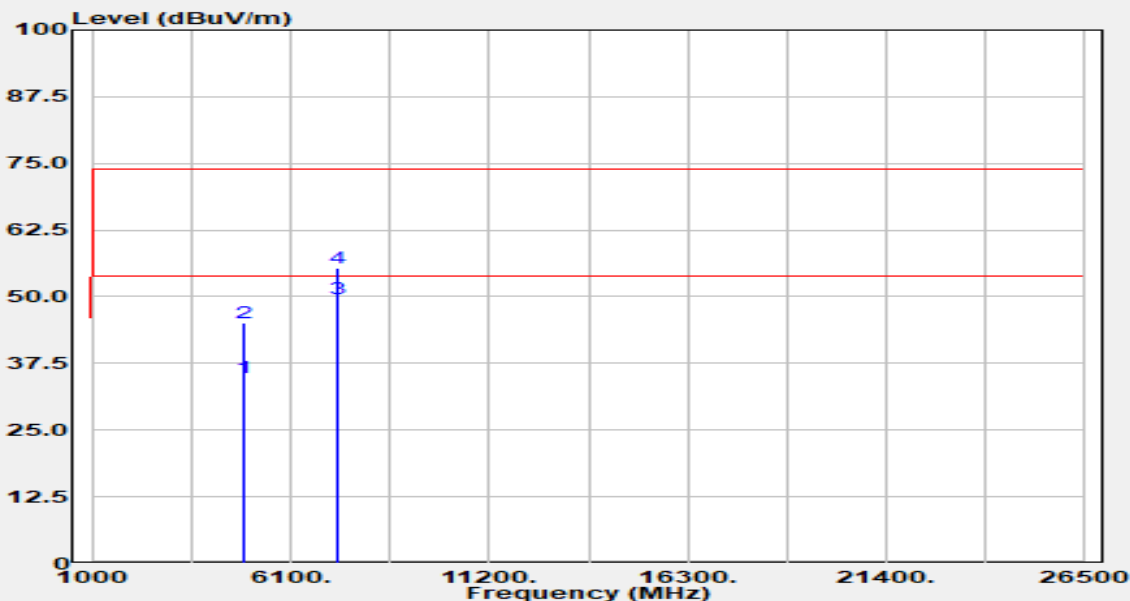
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Report Number :TERF2503000904E2
 Operation Mode :802.11b
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-05
 Temp./Humi. :20.6°C/60%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
4874.00	Average	30.71	4.04	34.75	54.00	-19.25
4874.00	Peak	41.14	4.04	45.18	74.00	-28.82
7311.00	Average	41.46	8.23	49.69	54.00	-4.31
7311.00	Peak	47.05	8.23	55.28	74.00	-18.72

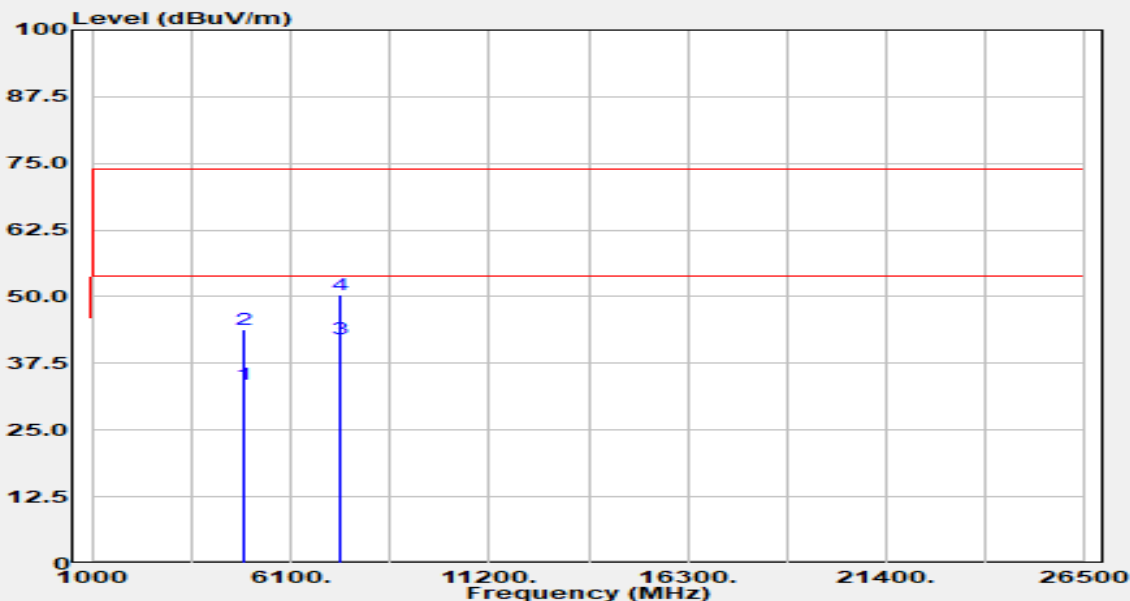
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Report Number :TERF2503000904E2
 Operation Mode :802.11b
 Test Frequency :2462 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-05
 Temp./Humi. :20.6°C/60%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4924.00	Average	29.49	4.20	33.69	54.00	-20.31
4924.00	Peak	39.66	4.20	43.86	74.00	-30.14
7386.00	Average	33.43	8.73	42.16	54.00	-11.84
7386.00	Peak	41.53	8.73	50.26	74.00	-23.74

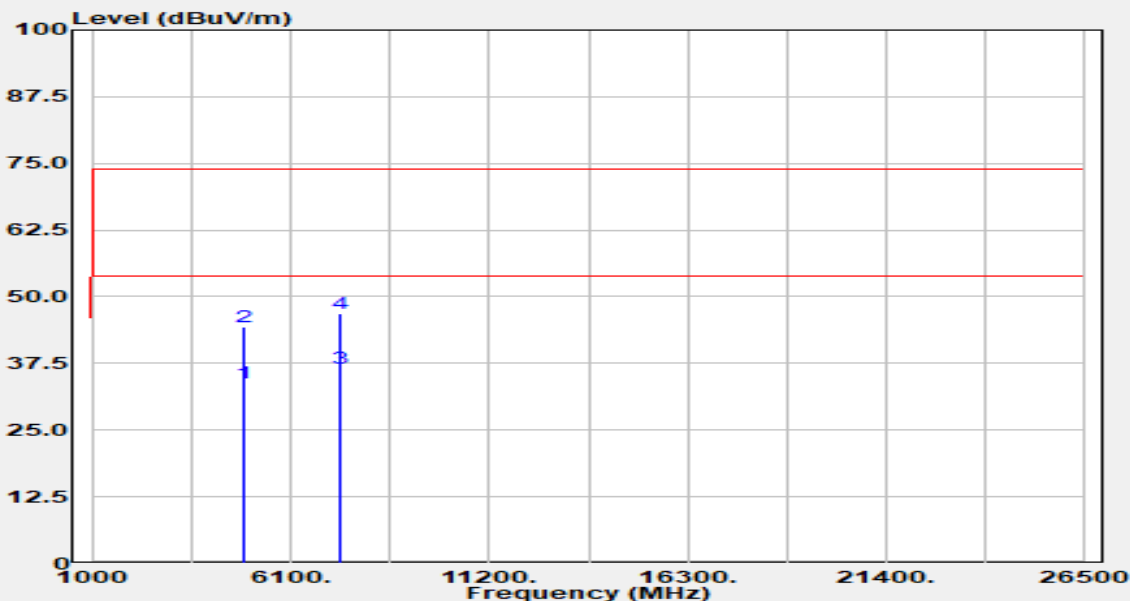
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Report Number :TERF2503000904E2
 Operation Mode :802.11b
 Test Frequency :2462 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-05
 Temp./Humi. :20.6°C/60%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
4924.00	Average	29.55	4.20	33.75	54.00	-20.25
4924.00	Peak	40.10	4.20	44.30	74.00	-29.70
7386.00	Average	27.89	8.73	36.62	54.00	-17.38
7386.00	Peak	38.17	8.73	46.90	74.00	-27.10

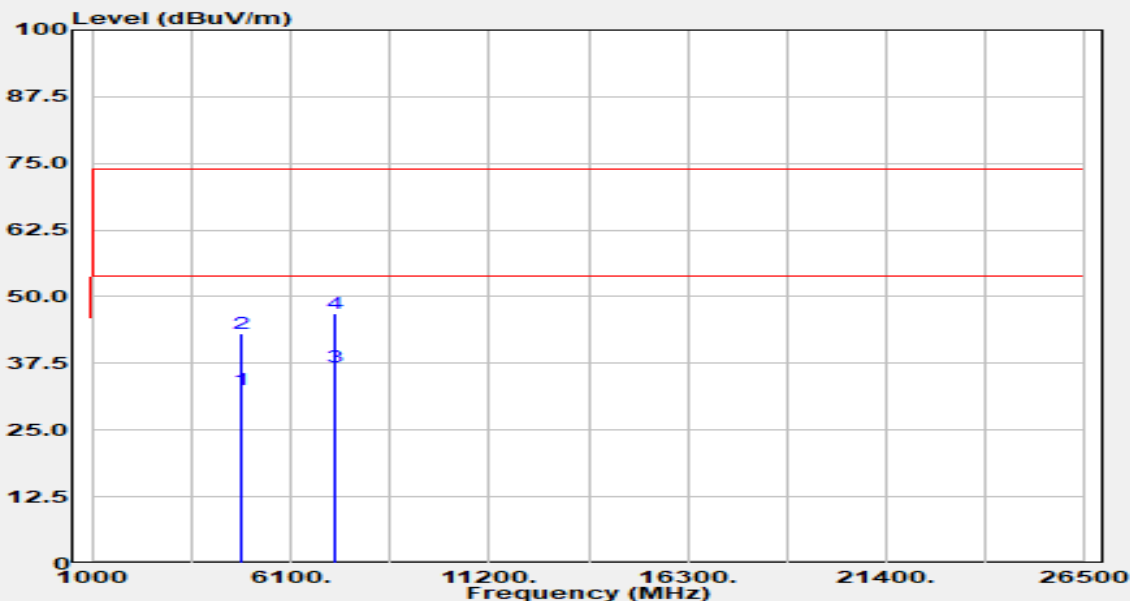
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Report Number :TERF2503000904E2
 Operation Mode :802.11g
 Test Frequency :2412 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-05
 Temp./Humi. :20.6°C/60%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
4824.00	Average	28.64	3.91	32.55	54.00	-21.45
4824.00	Peak	39.25	3.91	43.16	74.00	-30.84
7236.00	Average	28.49	8.30	36.79	54.00	-17.21
7236.00	Peak	38.49	8.30	46.79	74.00	-27.21

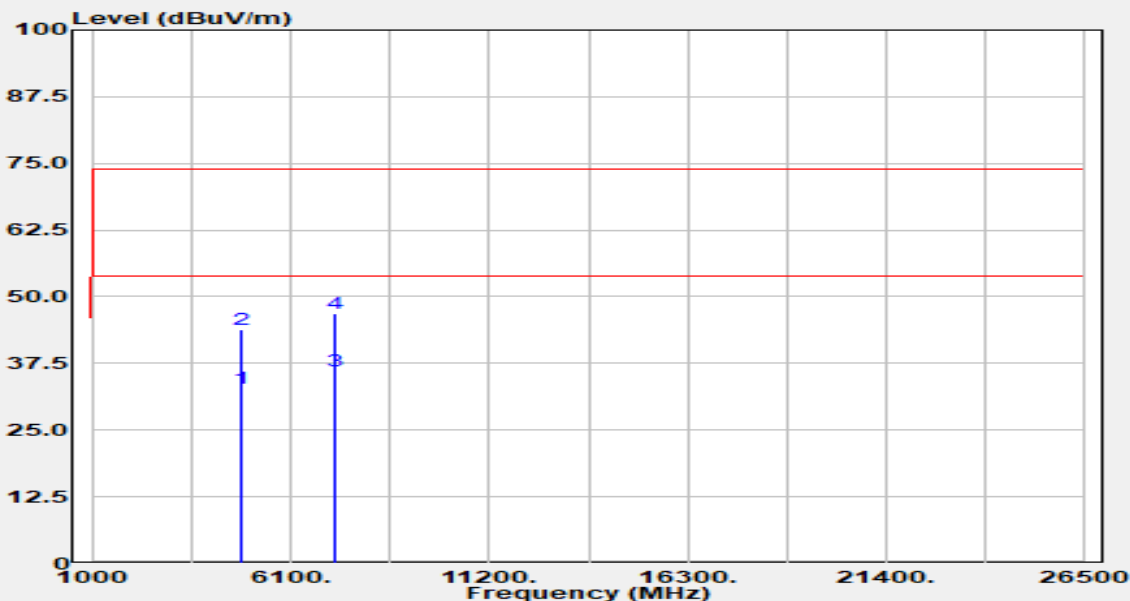
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Report Number :TERF2503000904E2
 Operation Mode :802.11g
 Test Frequency :2412 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-05
 Temp./Humi. :20.6°C/60%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
4824.00	Average	28.87	3.91	32.78	54.00	-21.22
4824.00	Peak	39.85	3.91	43.76	74.00	-30.24
7236.00	Average	27.81	8.30	36.11	54.00	-17.89
7236.00	Peak	38.61	8.30	46.91	74.00	-27.09

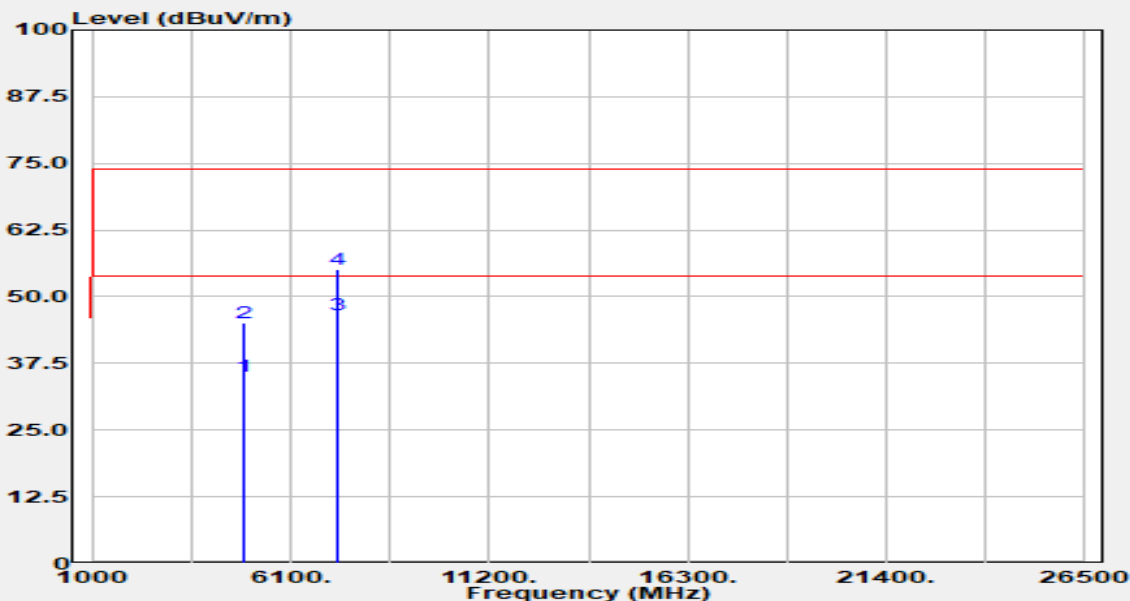
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Report Number :TERF2503000904E2
Operation Mode :802.11g
Test Frequency :2437 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G
Test Date :2025-06-05
Temp./Humi. :20.6°C/60%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
4874.00	Average	30.92	4.04	34.96	54.00	-19.04
4874.00	Peak	41.11	4.04	45.15	74.00	-28.85
7311.00	Average	38.35	8.23	46.58	54.00	-7.42
7311.00	Peak	46.97	8.23	55.20	74.00	-18.80

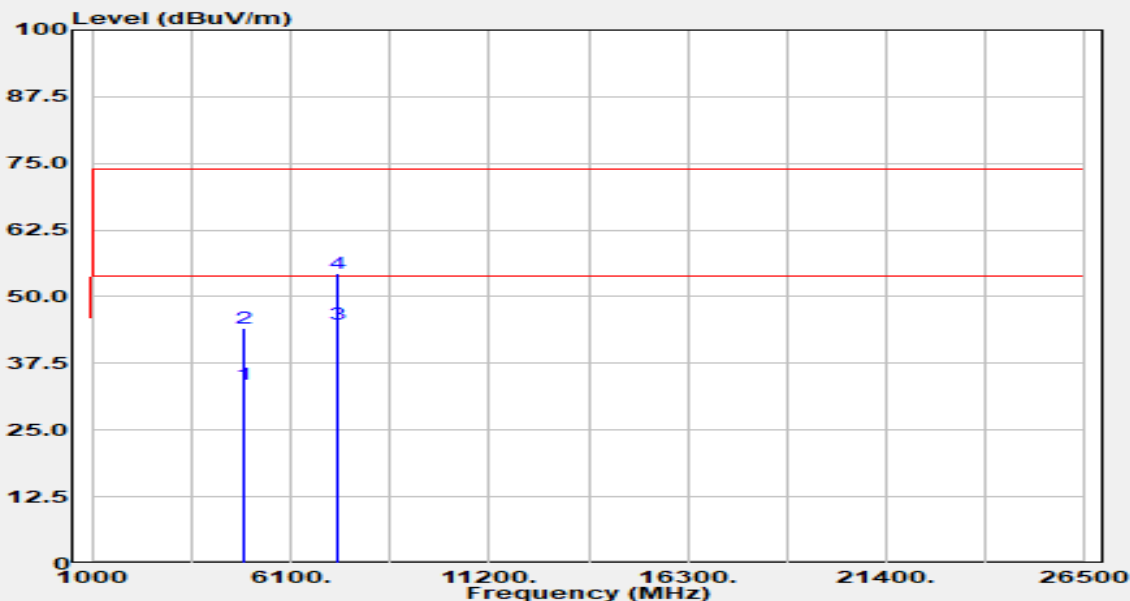
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Report Number :TERF2503000904E2
 Operation Mode :802.11g
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-05
 Temp./Humi. :20.6°C/60%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
4874.00	Average	29.66	4.04	33.70	54.00	-20.30
4874.00	Peak	40.07	4.04	44.11	74.00	-29.89
7311.00	Average	36.65	8.23	44.88	54.00	-9.12
7311.00	Peak	46.07	8.23	54.30	74.00	-19.70

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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

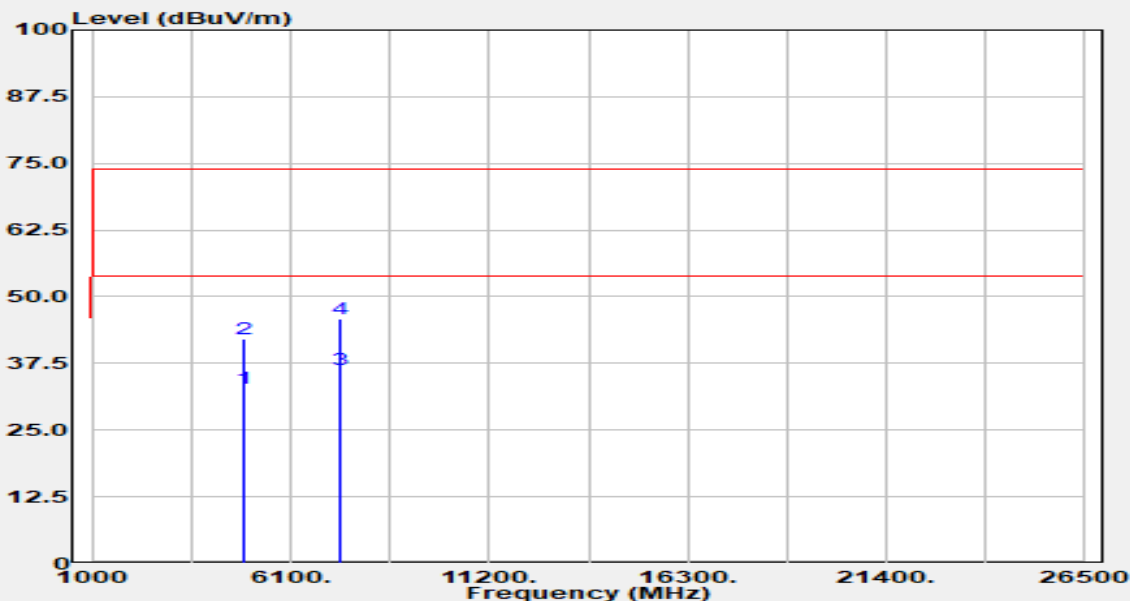
f (886-2) 2298-0488

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Member of SGS Group

Report Number :TERF2503000904E2
 Operation Mode :802.11g
 Test Frequency :2462 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-05
 Temp./Humi. :20.6°C/60%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
4924.00	Average	28.73	4.20	32.93	54.00	-21.07
4924.00	Peak	37.92	4.20	42.12	74.00	-31.88
7386.00	Average	27.66	8.73	36.39	54.00	-17.61
7386.00	Peak	37.22	8.73	45.95	74.00	-28.05

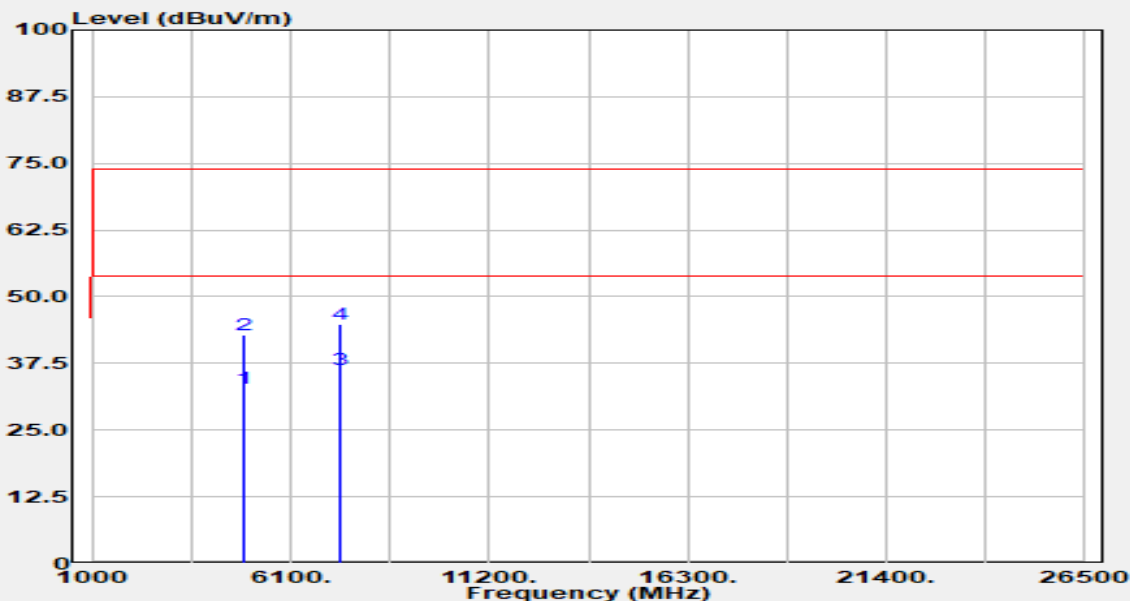
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Report Number :TERF2503000904E2
 Operation Mode :802.11g
 Test Frequency :2462 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-05
 Temp./Humi. :20.6°C/60%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4924.00	Average	28.57	4.20	32.77	54.00	-21.23
4924.00	Peak	38.61	4.20	42.81	74.00	-31.19
7386.00	Average	27.49	8.73	36.22	54.00	-17.78
7386.00	Peak	36.06	8.73	44.79	74.00	-29.21

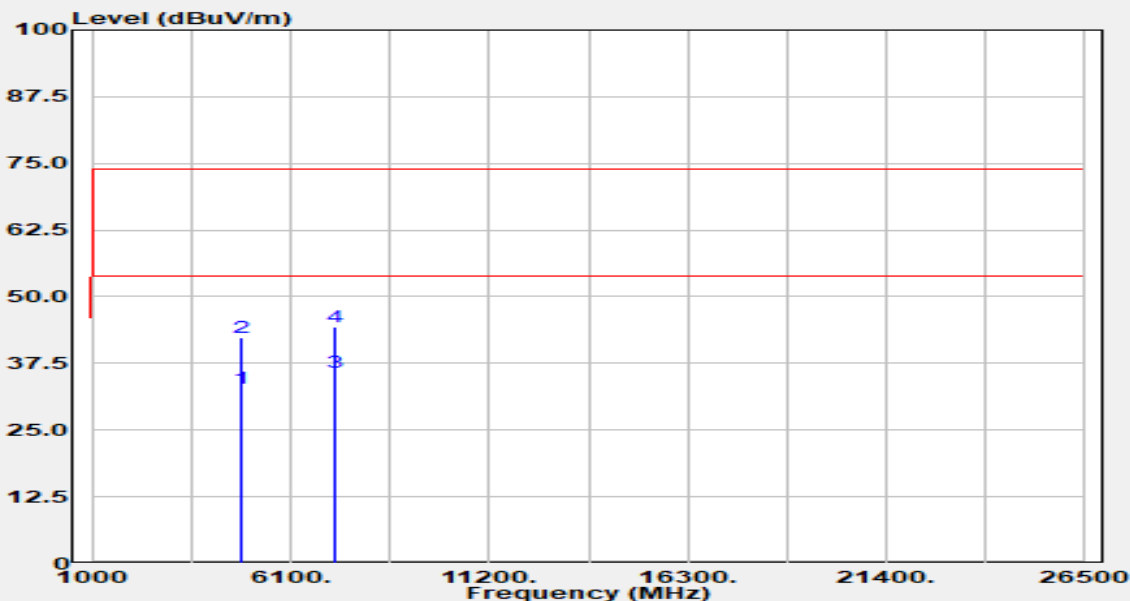
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Report Number :TERF2503000904E2
 Operation Mode :802.11n20
 Test Frequency :2412 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-05
 Temp./Humi. :20.6°C/60%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4824.00	Average	28.91	3.91	32.82	54.00	-21.18
4824.00	Peak	38.44	3.91	42.35	74.00	-31.65
7236.00	Average	27.43	8.30	35.73	54.00	-18.27
7236.00	Peak	35.97	8.30	44.27	74.00	-29.73

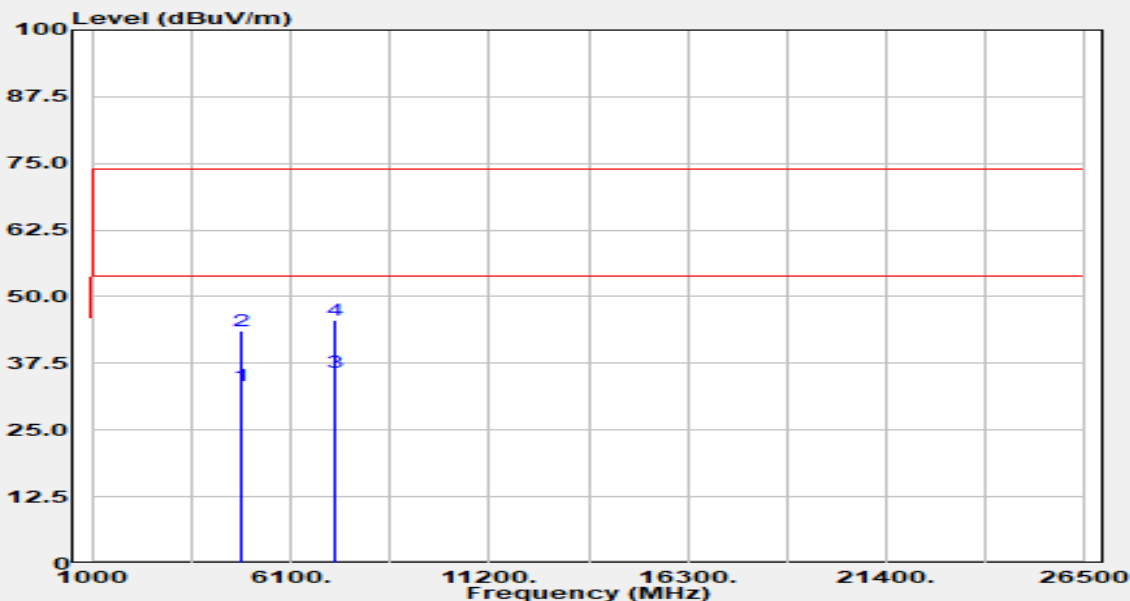
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Report Number :TERF2503000904E2
Operation Mode :802.11n20
Test Frequency :2412 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G
Test Date :2025-06-05
Temp./Humi. :20.6°C/60%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
4824.00	Average	29.41	3.91	33.32	54.00	-20.68
4824.00	Peak	39.65	3.91	43.56	74.00	-30.44
7236.00	Average	27.45	8.30	35.75	54.00	-18.25
7236.00	Peak	37.28	8.30	45.58	74.00	-28.42

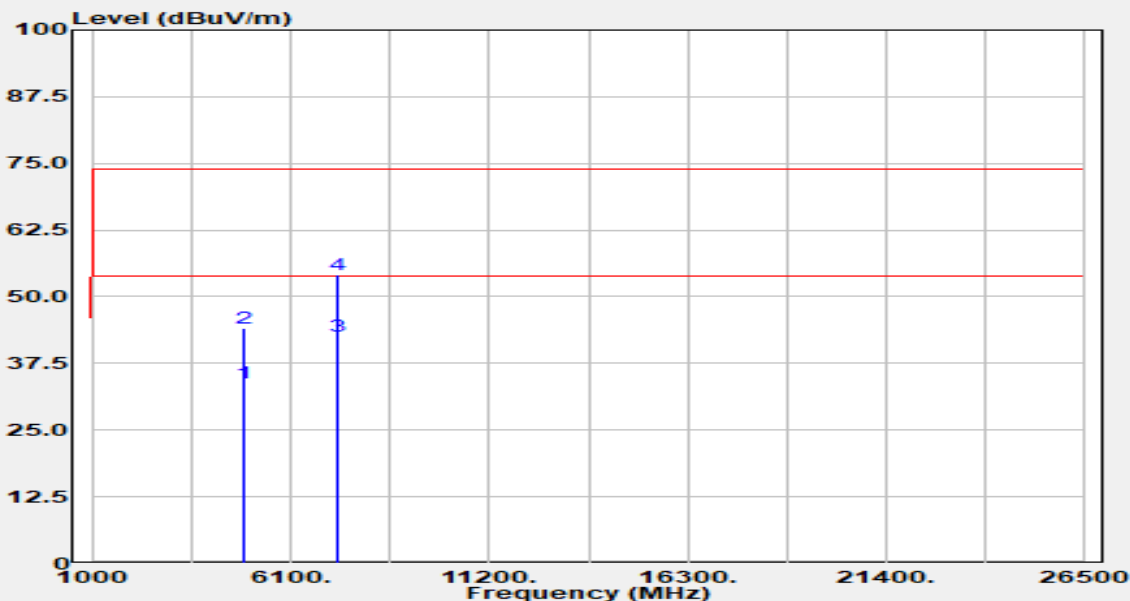
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Report Number :TERF2503000904E2
 Operation Mode :802.11n20
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-05
 Temp./Humi. :20.6°C/60%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



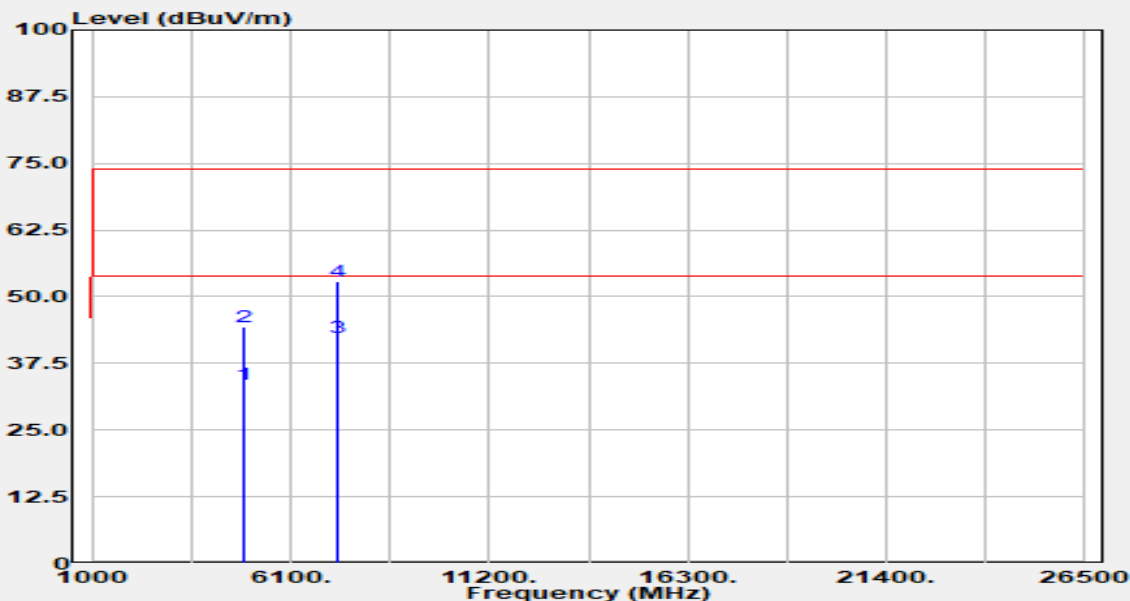
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
4874.00	Average	29.74	4.04	33.78	54.00	-20.22
4874.00	Peak	39.97	4.04	44.01	74.00	-29.99
7311.00	Average	34.28	8.23	42.51	54.00	-11.49
7311.00	Peak	45.91	8.23	54.14	74.00	-19.86

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Report Number :TERF2503000904E2
 Operation Mode :802.11n20
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-05
 Temp./Humi. :20.6°C/60%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
4874.00	Average	29.59	4.04	33.63	54.00	-20.37
4874.00	Peak	40.34	4.04	44.38	74.00	-29.62
7311.00	Average	34.23	8.23	42.46	54.00	-11.54
7311.00	Peak	44.56	8.23	52.79	74.00	-21.21

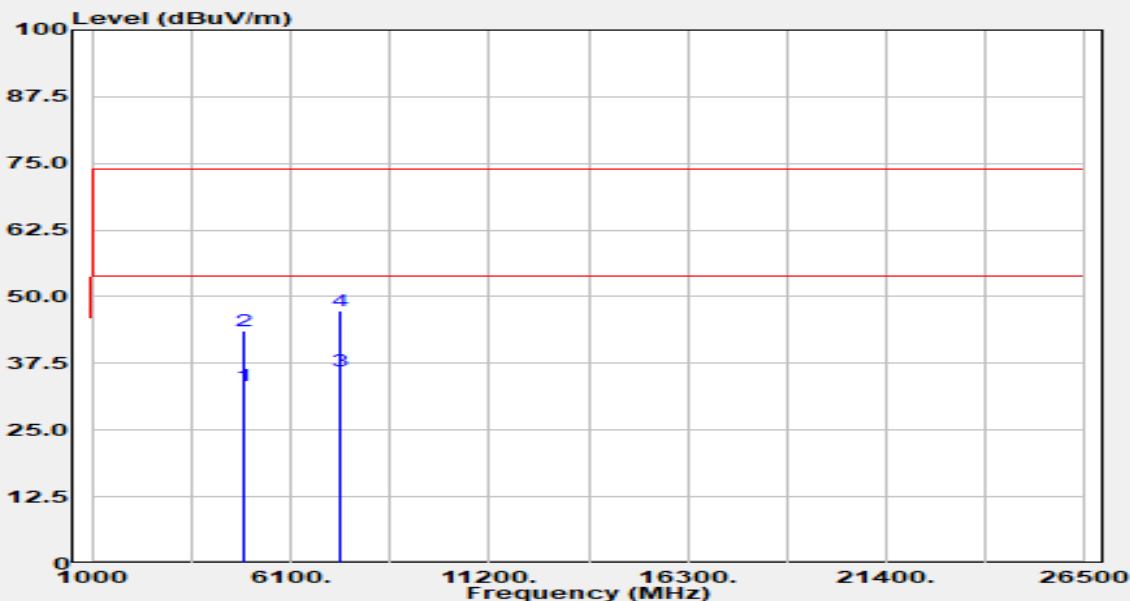
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Report Number :TERF2503000904E2
 Operation Mode :802.11n20
 Test Frequency :2462 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-05
 Temp./Humi. :20.6°C/60%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4924.00	Average	29.05	4.20	33.25	54.00	-20.75
4924.00	Peak	39.51	4.20	43.71	74.00	-30.29
7386.00	Average	27.27	8.73	36.00	54.00	-18.00
7386.00	Peak	38.73	8.73	47.46	74.00	-26.54

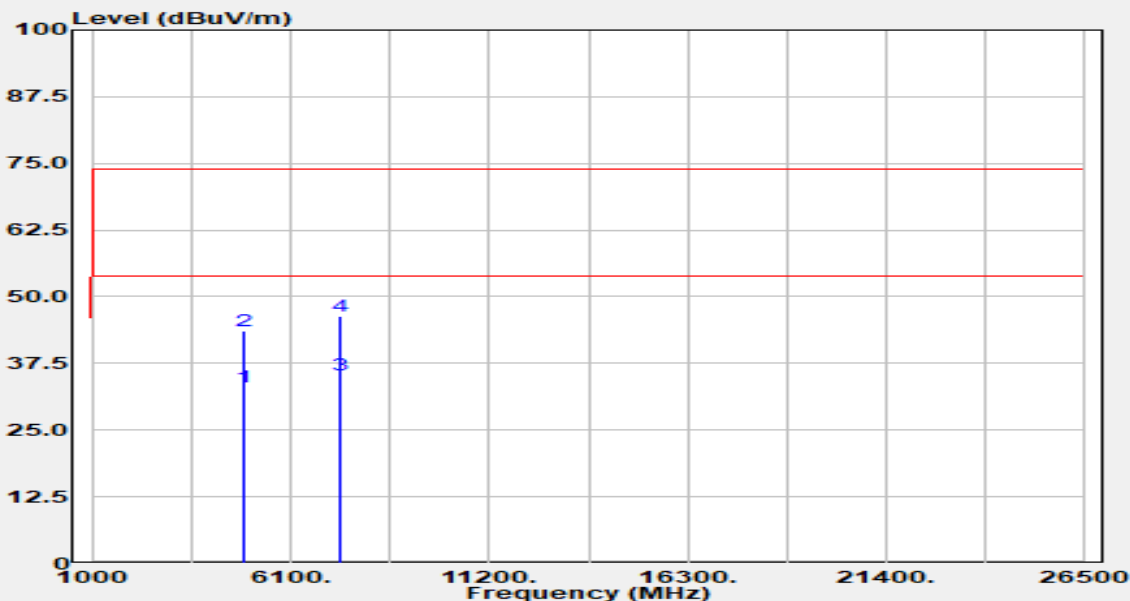
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Report Number :TERF2503000904E2
 Operation Mode :802.11n20
 Test Frequency :2462 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-05
 Temp./Humi. :20.6°C/60%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
4924.00	Average	28.93	4.20	33.13	54.00	-20.87
4924.00	Peak	39.45	4.20	43.65	74.00	-30.35
7386.00	Average	26.66	8.73	35.39	54.00	-18.61
7386.00	Peak	37.55	8.73	46.28	74.00	-27.72

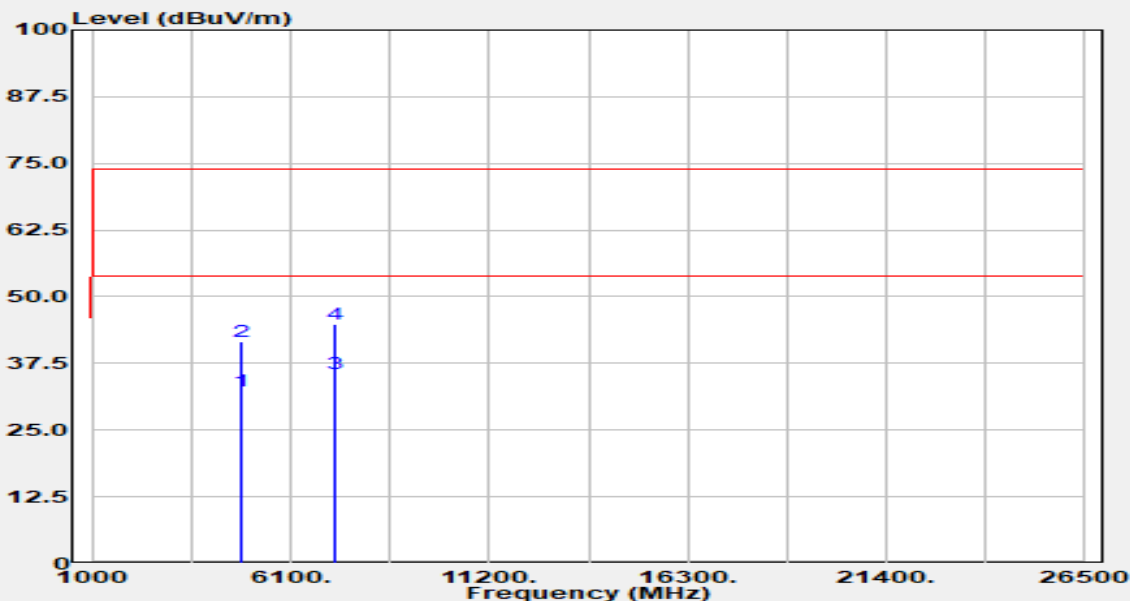
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Report Number :TERF2503000904E2
Operation Mode :802.11n40
Test Frequency :2422 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G
Test Date :2025-06-05
Temp./Humi. :20.6°C/60%
Antenna Pol. :Vertical
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
4844.00	Average	28.40	3.92	32.32	54.00	-21.68
4844.00	Peak	37.72	3.92	41.64	74.00	-32.36
7266.00	Average	27.32	8.24	35.56	54.00	-18.44
7266.00	Peak	36.68	8.24	44.92	74.00	-29.08

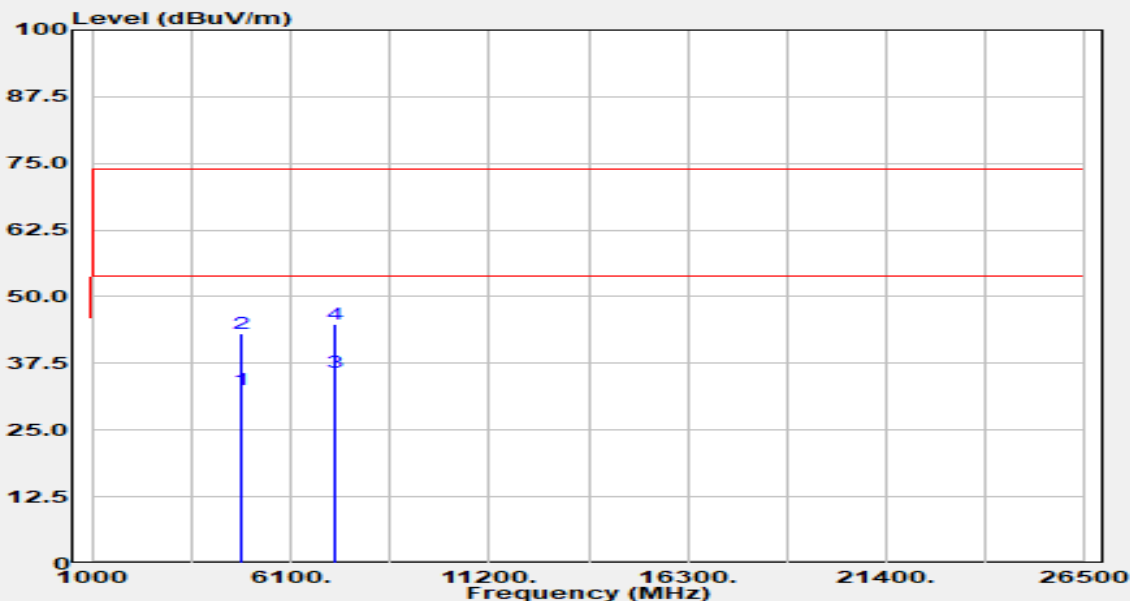
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Report Number :TERF2503000904E2
 Operation Mode :802.11n40
 Test Frequency :2422 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-05
 Temp./Humi. :20.6°C/60%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
4844.00	Average	28.65	3.92	32.57	54.00	-21.43
4844.00	Peak	39.27	3.92	43.19	74.00	-30.81
7266.00	Average	27.49	8.24	35.73	54.00	-18.27
7266.00	Peak	36.70	8.24	44.94	74.00	-29.06

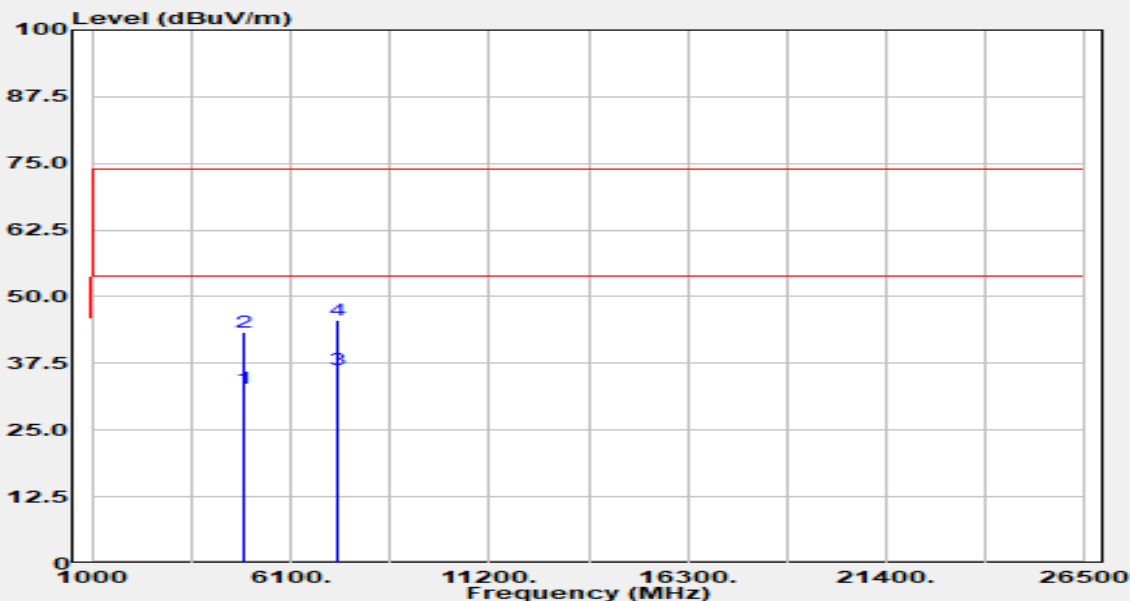
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Report Number :TERF2503000904E2
 Operation Mode :802.11n40
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-05
 Temp./Humi. :20.6°C/60%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
4874.00	Average	28.67	4.04	32.71	54.00	-21.29
4874.00	Peak	39.22	4.04	43.26	74.00	-30.74
7311.00	Average	28.10	8.23	36.33	54.00	-17.67
7311.00	Peak	37.44	8.23	45.67	74.00	-28.33

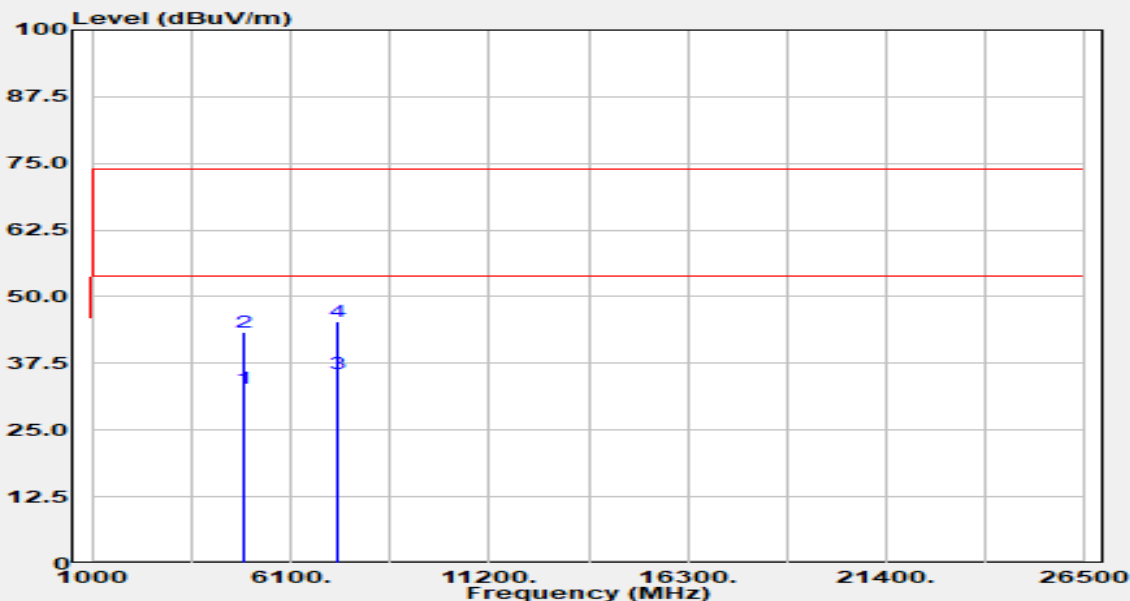
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Report Number :TERF2503000904E2
 Operation Mode :802.11n40
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-05
 Temp./Humi. :20.6°C/60%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



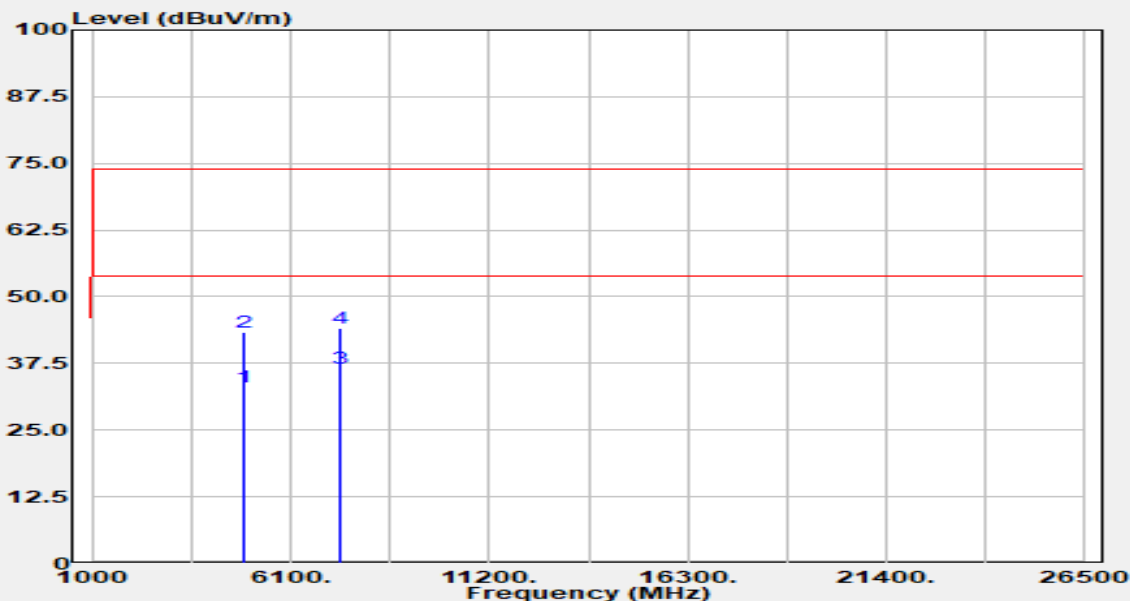
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4874.00	Average	28.75	4.04	32.79	54.00	-21.21
4874.00	Peak	39.31	4.04	43.35	74.00	-30.65
7311.00	Average	27.44	8.23	35.67	54.00	-18.33
7311.00	Peak	37.25	8.23	45.48	74.00	-28.52

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Report Number :TERF2503000904E2
 Operation Mode :802.11n40
 Test Frequency :2452 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-05
 Temp./Humi. :20.6°C/60%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
4904.00	Average	28.84	4.18	33.02	54.00	-20.98
4904.00	Peak	39.25	4.18	43.43	74.00	-30.57
7356.00	Average	27.92	8.59	36.51	54.00	-17.49
7356.00	Peak	35.57	8.59	44.16	74.00	-29.84

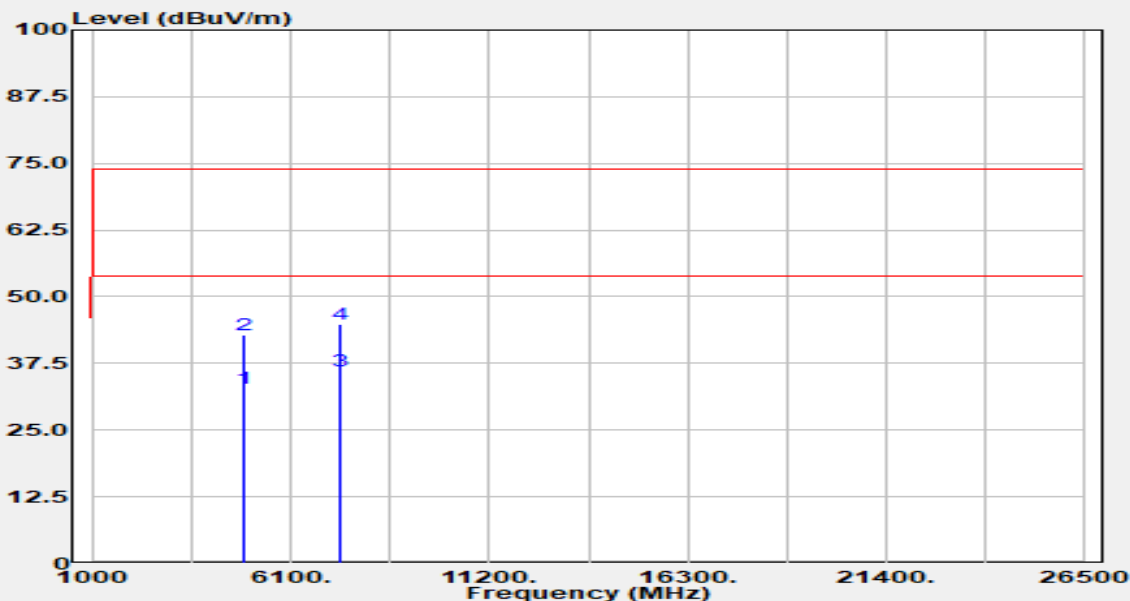
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Report Number :TERF2503000904E2
 Operation Mode :802.11n40
 Test Frequency :2452 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-05
 Temp./Humi. :20.6°C/60%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
4904.00	Average	28.70	4.18	32.88	54.00	-21.12
4904.00	Peak	38.57	4.18	42.75	74.00	-31.25
7356.00	Average	27.45	8.59	36.04	54.00	-17.96
7356.00	Peak	36.33	8.59	44.92	74.00	-29.08

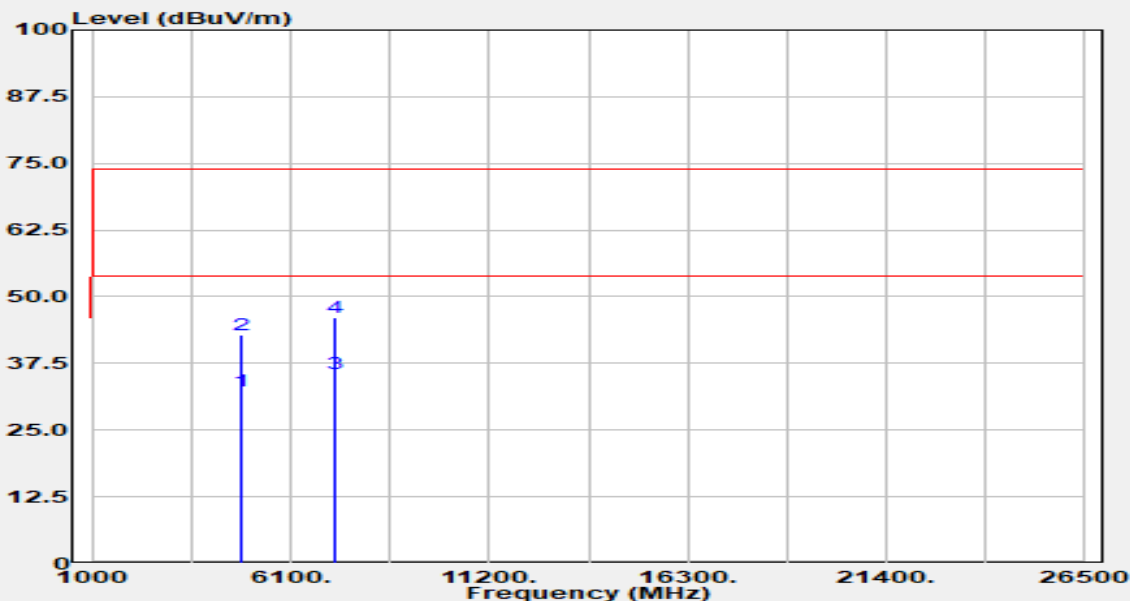
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Report Number :TERF2503000904E2
 Operation Mode :802.11ax20 RU Full
 Test Frequency :2412 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-05
 Temp./Humi. :20.6°C/60%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
4824.00	Average	28.41	3.91	32.32	54.00	-21.68
4824.00	Peak	38.96	3.91	42.87	74.00	-31.13
7236.00	Average	27.39	8.30	35.69	54.00	-18.31
7236.00	Peak	37.81	8.30	46.11	74.00	-27.89

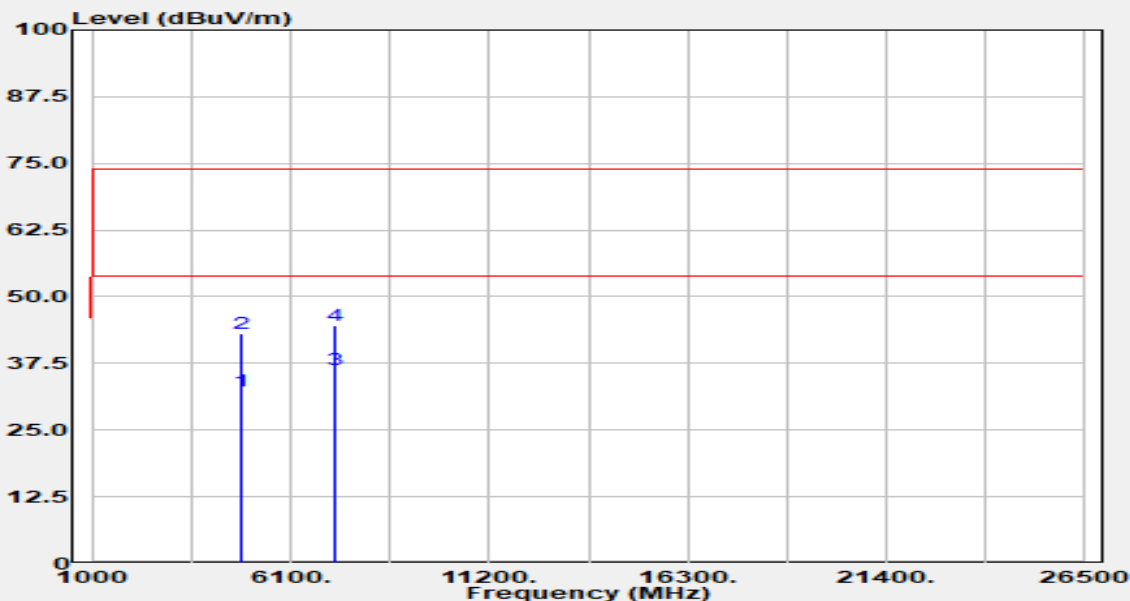
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Report Number :TERF2503000904E2
 Operation Mode :802.11ax20 RU Full
 Test Frequency :2412 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-05
 Temp./Humi. :20.6°C/60%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
4824.00	Average	28.48	3.91	32.39	54.00	-21.61
4824.00	Peak	39.11	3.91	43.02	74.00	-30.98
7236.00	Average	27.92	8.30	36.22	54.00	-17.78
7236.00	Peak	36.23	8.30	44.53	74.00	-29.47

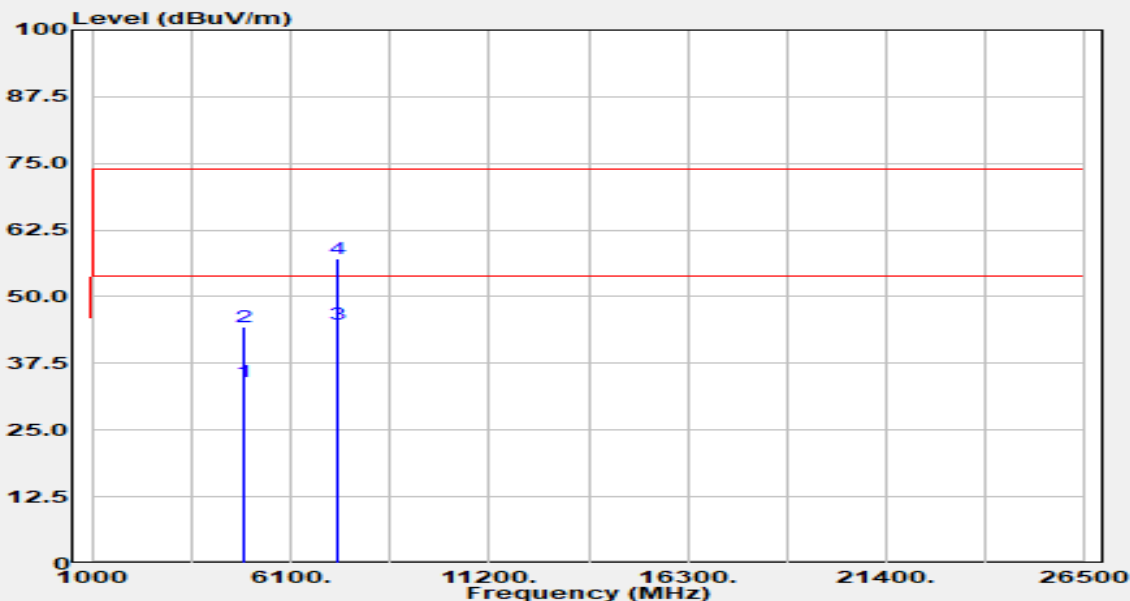
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Report Number :TERF2503000904E2
 Operation Mode :802.11ax20 RU Full
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-05
 Temp./Humi. :20.6°C/60%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dBuV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
4874.00	Average	29.92	4.04	33.96	54.00	-20.04
4874.00	Peak	40.23	4.04	44.27	74.00	-29.73
7311.00	Average	36.61	8.23	44.84	54.00	-9.16
7311.00	Peak	48.83	8.23	57.06	74.00	-16.94

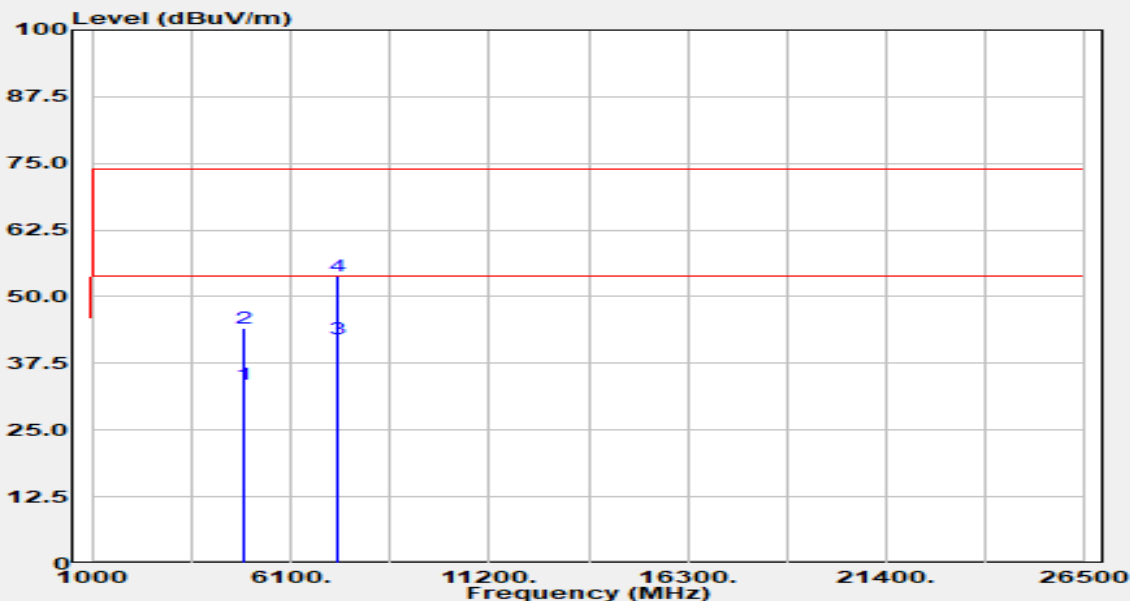
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Report Number :TERF2503000904E2
 Operation Mode :802.11ax20 RU Full
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-05
 Temp./Humi. :20.6°C/60%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBμV	dB	dBμV/m	dBμV/m	dB
4874.00	Average	29.61	4.04	33.65	54.00	-20.35
4874.00	Peak	40.05	4.04	44.09	74.00	-29.91
7311.00	Average	33.98	8.23	42.21	54.00	-11.79
7311.00	Peak	45.68	8.23	53.91	74.00	-20.09

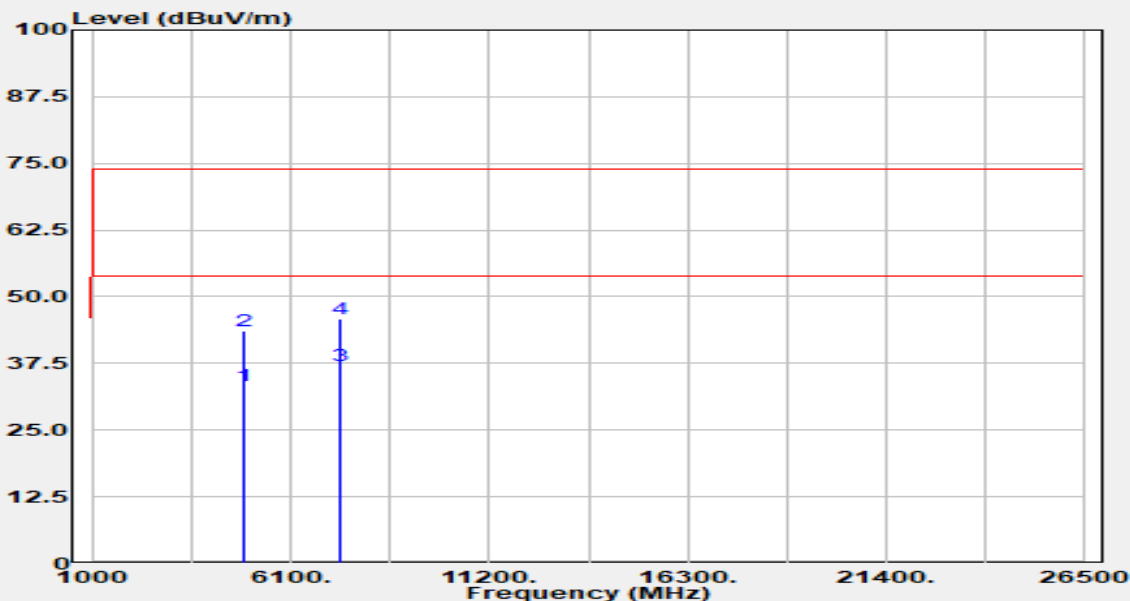
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Report Number :TERF2503000904E2
 Operation Mode :802.11ax20 RU Full
 Test Frequency :2462 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-05
 Temp./Humi. :20.6°C/60%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



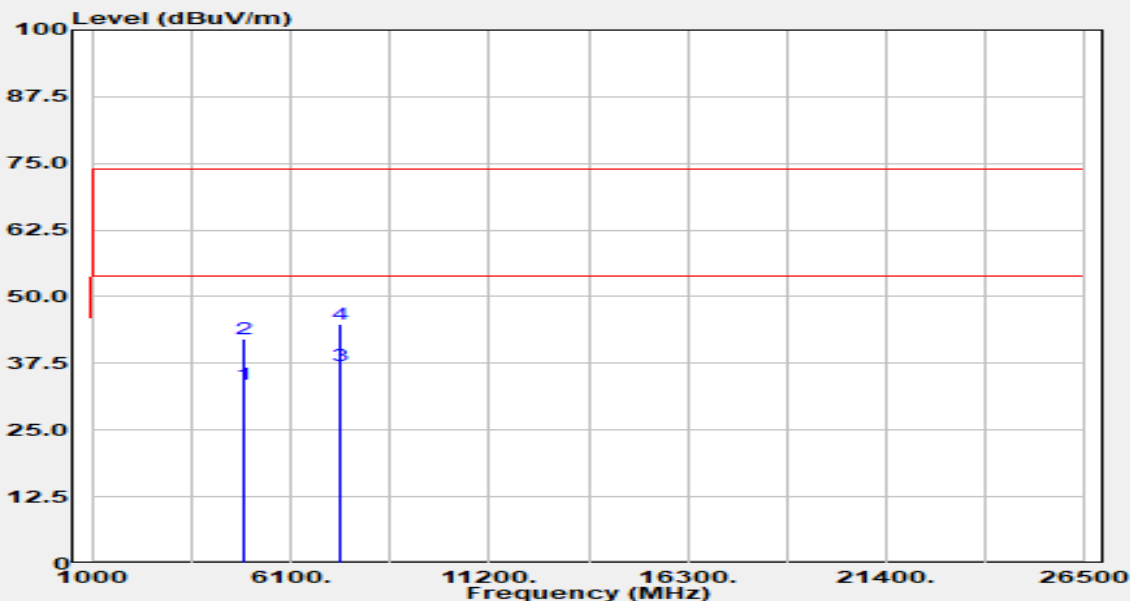
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
4924.00	Average	29.15	4.20	33.35	54.00	-20.65
4924.00	Peak	39.34	4.20	43.54	74.00	-30.46
7386.00	Average	28.44	8.73	37.17	54.00	-16.83
7386.00	Peak	37.14	8.73	45.87	74.00	-28.13

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Report Number :TERF2503000904E2
Operation Mode :802.11ax20 RU Full
Test Frequency :2462 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G
Test Date :2025-06-05
Temp./Humi. :20.6°C/60%
Antenna Pol. :Horizontal
Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
4924.00	Average	29.26	4.20	33.46	54.00	-20.54
4924.00	Peak	37.91	4.20	42.11	74.00	-31.89
7386.00	Average	28.32	8.73	37.05	54.00	-16.95
7386.00	Peak	36.11	8.73	44.84	74.00	-29.16

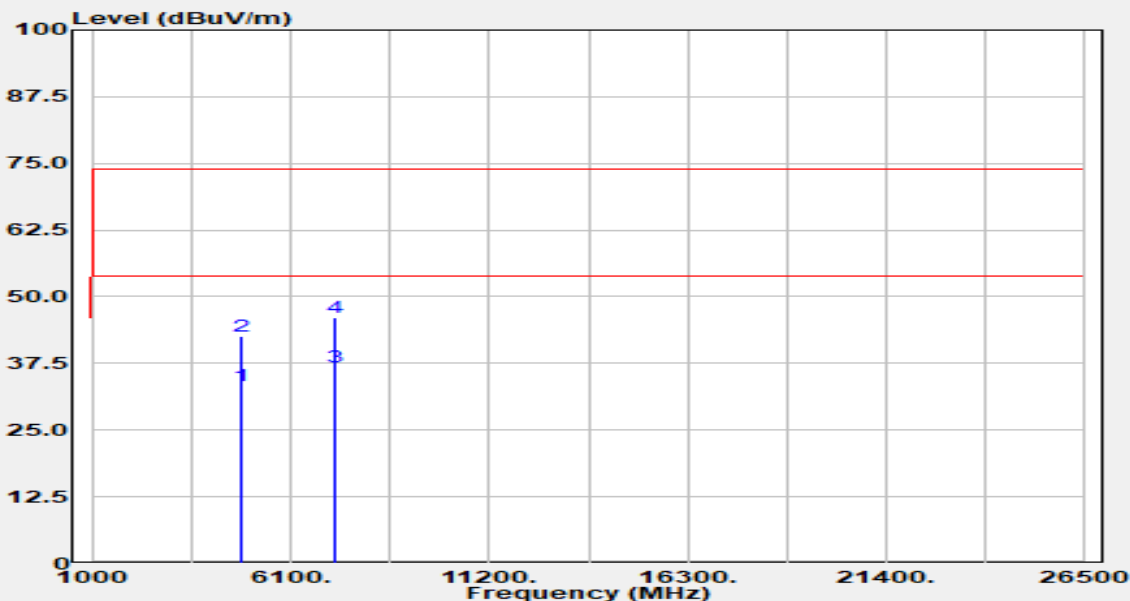
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Report Number :TERF2503000904E2
 Operation Mode :802.11ax40 RU Full
 Test Frequency :2422 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-05
 Temp./Humi. :20.6°C/60%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
4844.00	Average	29.44	3.92	33.36	54.00	-20.64
4844.00	Peak	38.63	3.92	42.55	74.00	-31.45
7266.00	Average	28.71	8.24	36.95	54.00	-17.05
7266.00	Peak	37.79	8.24	46.03	74.00	-27.97

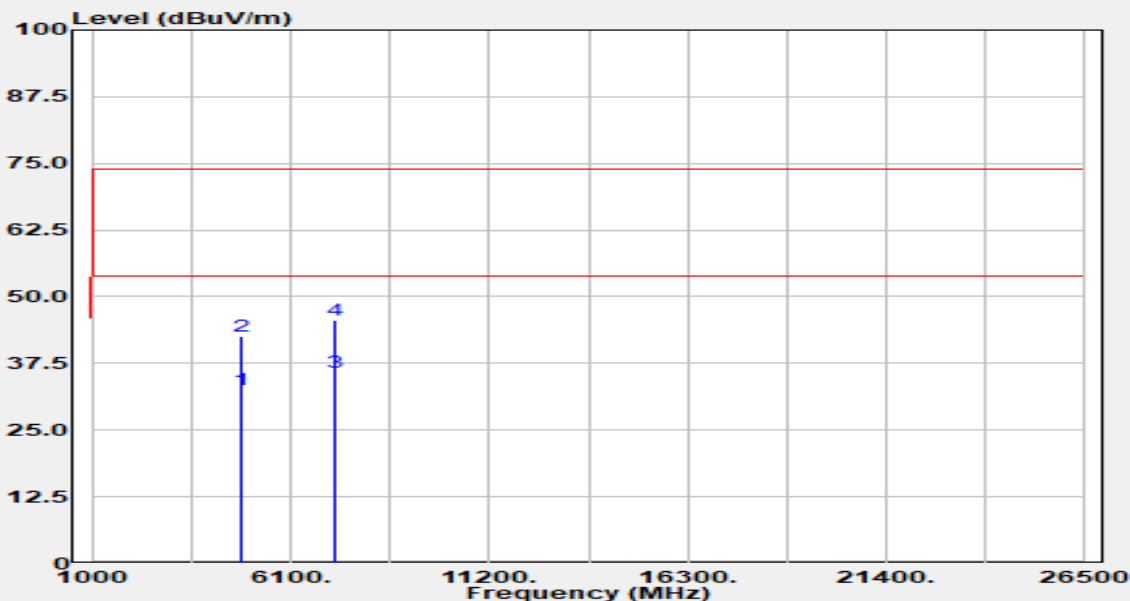
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Report Number :TERF2503000904E2
 Operation Mode :802.11ax40 RU Full
 Test Frequency :2422 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-05
 Temp./Humi. :20.6°C/60%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
4844.00	Average	28.77	3.92	32.69	54.00	-21.31
4844.00	Peak	38.70	3.92	42.62	74.00	-31.38
7266.00	Average	27.54	8.24	35.78	54.00	-18.22
7266.00	Peak	37.34	8.24	45.58	74.00	-28.42

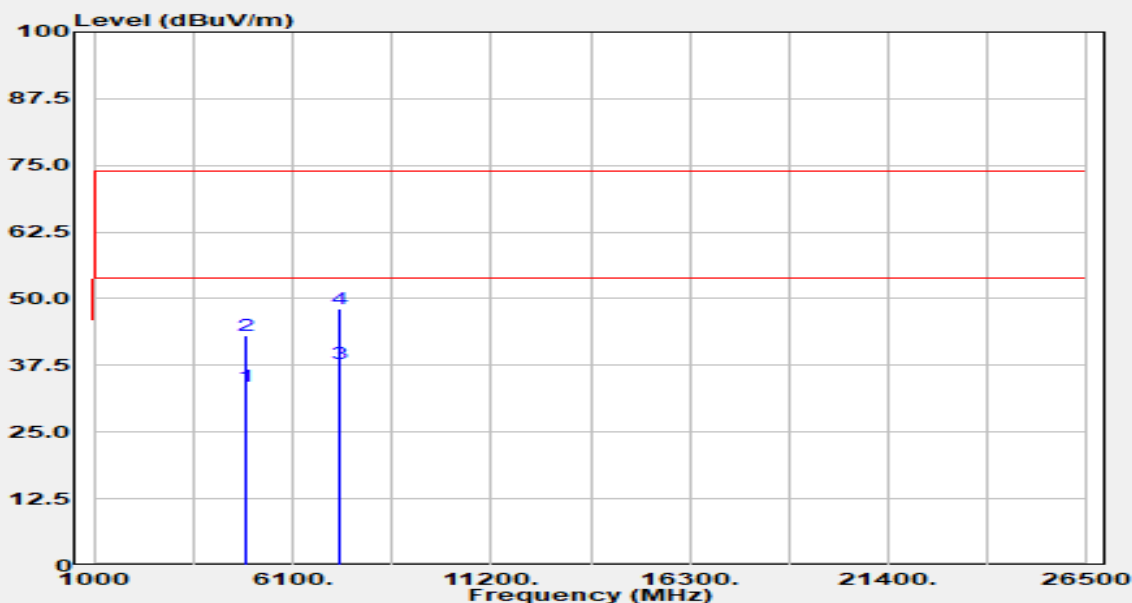
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Report Number :TERF2503000904E2
Operation Mode :802.11ax40 RU Full
Test Frequency :2437 MHz
Test Mode :Tx
EUT Pol :E2 Plane

Test Site :SAC G
Test Date :2025-06-05
Temp./Humi. :20.6°C/60%
Antenna Pol. :Vertical
Engineer :Temo Chen



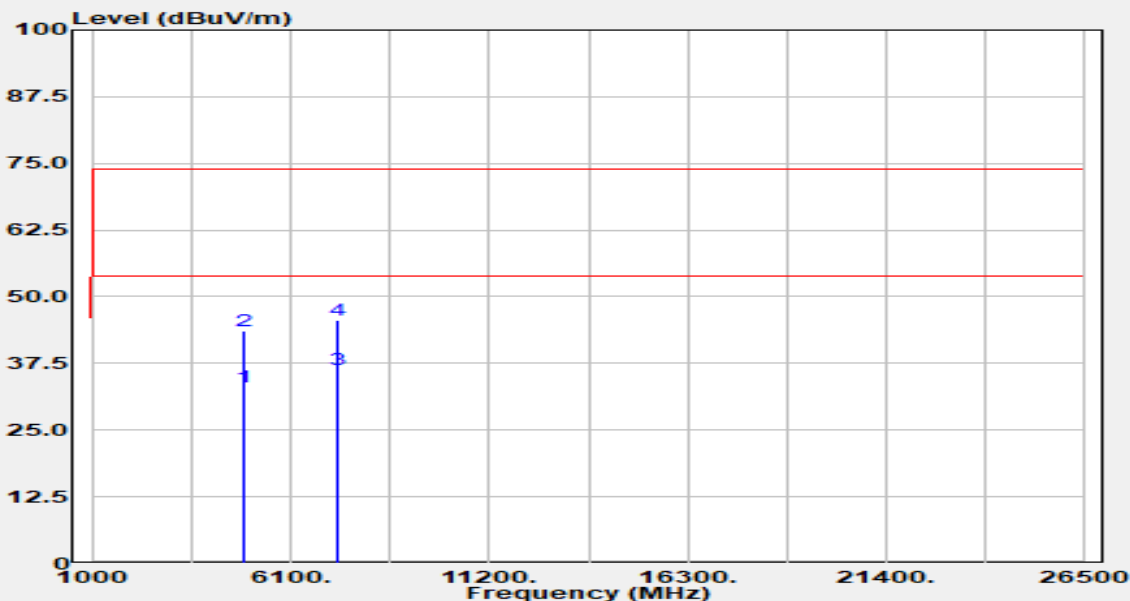
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
4874.00	Average	29.45	4.04	33.49	54.00	-20.51
4874.00	Peak	39.03	4.04	43.07	74.00	-30.93
7311.00	Average	29.56	8.23	37.79	54.00	-16.21
7311.00	Peak	39.87	8.23	48.10	74.00	-25.90

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Report Number :TERF2503000904E2
 Operation Mode :802.11ax40 RU Full
 Test Frequency :2437 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-05
 Temp./Humi. :20.6°C/60%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
4874.00	Average	29.14	4.04	33.18	54.00	-20.82
4874.00	Peak	39.64	4.04	43.68	74.00	-30.32
7311.00	Average	28.22	8.23	36.45	54.00	-17.55
7311.00	Peak	37.33	8.23	45.56	74.00	-28.44

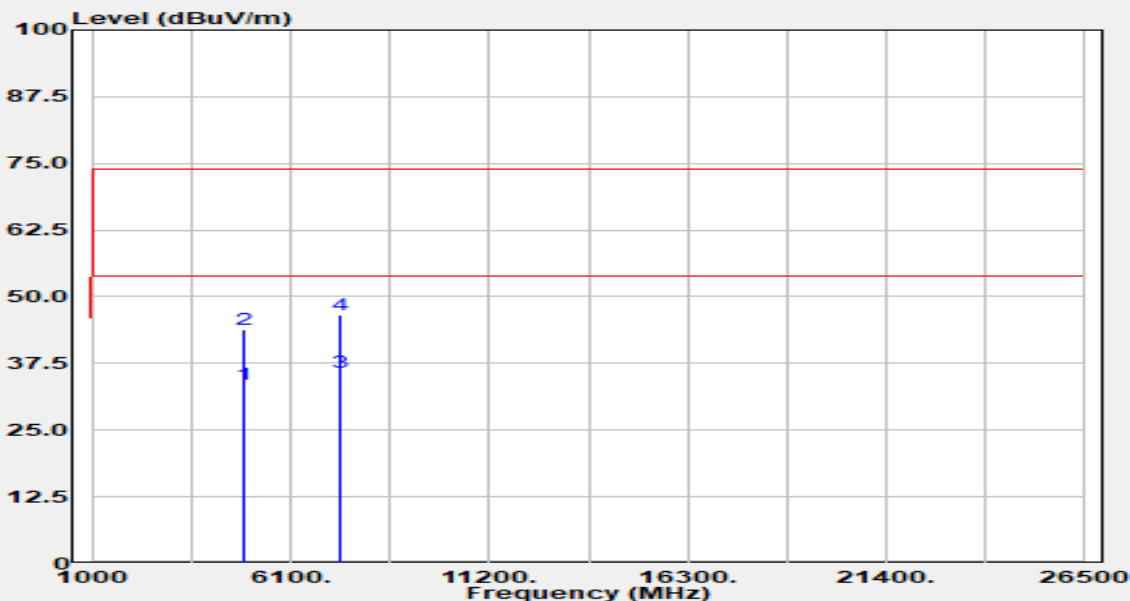
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Report Number :TERF2503000904E2
 Operation Mode :802.11ax40 RU Full
 Test Frequency :2452 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-05
 Temp./Humi. :20.6°C/60%
 Antenna Pol. :Vertical
 Engineer :Temo Chen



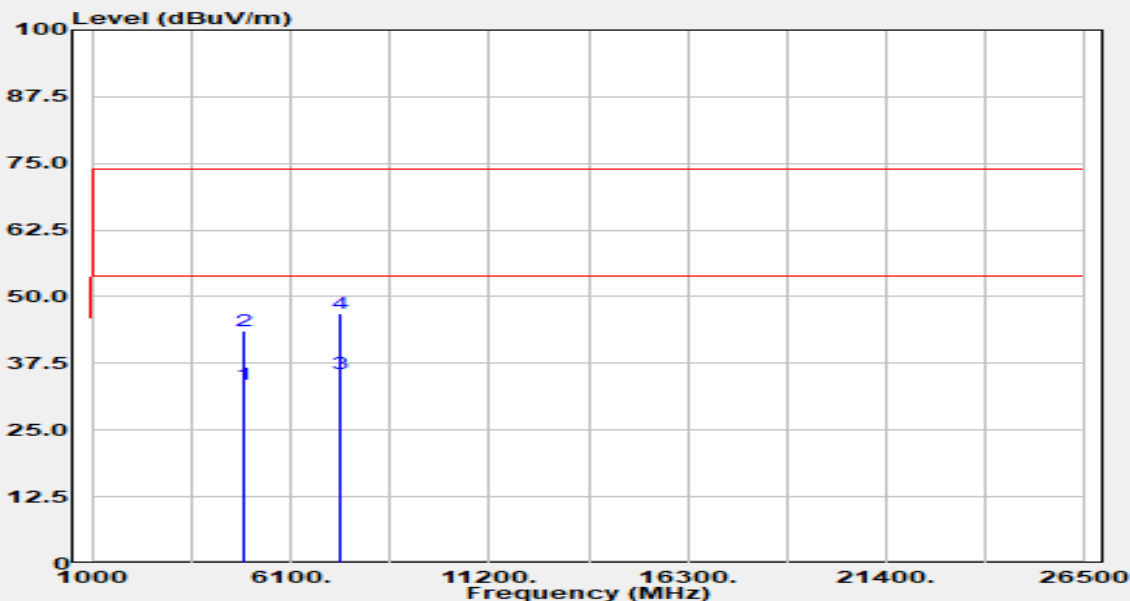
Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level		FS	@3m	
	PK/QP/AV	dBuV	dB	dBuV/m	dBuV/m	dB
4904.00	Average	29.30	4.18	33.48	54.00	-20.52
4904.00	Peak	39.58	4.18	43.76	74.00	-30.24
7356.00	Average	27.20	8.59	35.79	54.00	-18.21
7356.00	Peak	37.98	8.59	46.57	74.00	-27.43

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Report Number :TERF2503000904E2
 Operation Mode :802.11ax40 RU Full
 Test Frequency :2452 MHz
 Test Mode :Tx
 EUT Pol :E2 Plane

Test Site :SAC G
 Test Date :2025-06-05
 Temp./Humi. :20.6°C/60%
 Antenna Pol. :Horizontal
 Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4904.00	Average	29.44	4.18	33.62	54.00	-20.38
4904.00	Peak	39.36	4.18	43.54	74.00	-30.46
7356.00	Average	26.96	8.59	35.55	54.00	-18.45
7356.00	Peak	38.35	8.59	46.94	74.00	-27.06

~ End of Report ~

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