

**ELECTROMAGNETIC EMISSIONS
COMPLIANCE REPORT**

FCC Applicant: Quanta Computer Inc.
No. 188, Wenhua 2nd Road, Guishan District, Taoyuan City
33377, Taiwan

FCC Manufacturer: Quanta Computer Inc.
No. 188, Wenhua 2nd Road, Guishan District, Taoyuan City
33377, Taiwan

ISED Applicant: Quanta Computer Inc.
No. 188, Wenhua 2nd Road, Guishan District, Taoyuan City
33377, Taiwan

ISED Manufacturer: Quanta Computer Inc.
No. 188, Wenhua 2nd Road, Guishan District, Taoyuan City
33377, Taiwan

Product Name: Clover Flex

Brand Name: Clover

Model No./ ISED HVIN: C406

Report Number: TERF2404001056E2

FCC ID HFS-C406

IC: 1787B-C406

Date of EUT Received: February 22, 2024

Date of Test: April 19, 2024 ~ June 18, 2024

Issue Date: June 27, 2024

Approved By
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 §15.407, ISED 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
TERF2404001056E2	00	Original.	May 27, 2024	Kate Lai	
TERF2404001056E2	01	Revise: ISED HVIN 1.4 FCC 1.5 ISED 4.2 The Worst Test Modes and Channel Details 7.5.1 FCC Output power 7.5.2 ISED Conducted output power and EIRP 8.5.1 Spurious Emission 8.5.2 Band edge falling to restricted band	June 24, 2024	Kate Lai	*
TERF2404001056E2	02	Revise: 1.3 Antenna Designation 1.5 ISED 4.2 The Worst Test Modes and Channel Details Note 2. 7.5.2 ISED Conducted output power and EIRP	June 27, 2024	Kate Lai	*

Note:

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

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1 GENERAL INFORMATION

1.1 Product Description

Product Name:	Clover Flex
Brand Name:	Clover
Model No.:	C406
Hardware Version:	N/A
Firmware Version:	N/A
EUT Series No.:	C046UG41240068 (Conducted) C046UG41240069 (Radiated)
Power Supply:	7.6 Vdc from Rechargeable Li-ion Polymer Battery
Test Software (Name/Version)	QRCT V4.0

1.2 Modulation & Data Rate

Modulation type:	64QAM, 16QAM, QPSK, BPSK for OFDM in 802.11a, 11n
	256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDM in 802.11ac
	1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDMA in 802.11ax
	4096QAM, 1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK for OFDMA in 802.11be
Transition Rate:	802.11 a: 6 - 54 Mbps
	802.11 n_HT20: up to 72.2 Mbps
	802.11 n_HT40: up to 150 Mbps
	802.11 ac_VHT20: up to 86.7 Mbps
	802.11 ac_VHT40: up to 200 Mbps
	802.11 ac_VHT80: up to 433.3 Mbps

1.3 Antenna Designation

Antenna Type	Supplier	Antenna Part No.	Freq. (MHz)	Peak Antenna Gain (dBi)
LOOP	AWA	DQ60ALF0005	5150 – 5250	2.28
			5250 – 5350	2.28
			5470 – 5725	1.13
			5725 – 5850	-0.91

Note:Antenna information is provided by the applicant.

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1.4 FCC

Wi-Fi	Frequency Range	Channels	Rated Power(Avg) (dBm) (Worst Case)	Modulation Technology
802.11a/ 802.11n_HT20/ 802.11ac_VHT20	5180~5240	4	16.46 dBm	OFDM
	5260~5320	4	18.36 dBm	OFDM
	5500~5720	12	18.70 dBm	OFDM
	5745~5825	5	18.54 dBm	OFDM
802.11n_HT40/ 802.11ac_VHT40	5190~5230	2	16.46 dBm	OFDM
	5270~5310	2	16.43 dBm	OFDM
	5510~5710	6	16.42 dBm	OFDM
	5755~5795	2	16.41 dBm	OFDM
802.11ac_VHT80	5210	1	13.71 dBm	OFDM
	5290	1	12.04 dBm	OFDM
	5530~5690	3	15.50 dBm	OFDM
	5775	1	15.49 dBm	OFDM

1.5 ISED

WLAN 5 GHz for ISED (Slave)

Wi-Fi	Frequency Range	Channels	EIRP/Avg	Rated Power(EIRP/Avg) (dBm) (Worst Case)	Modulation Technology
802.11a/ 802.11n_HT20/ 802.11ac_VHT20	5180~5240	4	EIRP	18.74 dBm	OFDM
	5260~5320	4	Avg	18.36 dBm	OFDM
	5500~5700	8	Avg	18.70 dBm	OFDM
	5720 (U-NII 2C)	1	Avg	16.98 dBm	OFDM
	5720 (U-NII 3)	1	Avg	12.67 dBm	OFDM
	5745~5825	5	Avg	18.54 dBm	OFDM
802.11n_HT40/ 802.11ac_VHT40	5190~5230	2	EIRP	18.74 dBm	OFDM
	5270~5310	2	Avg	16.43 dBm	OFDM
	5510~5670	3	Avg	16.42 dBm	OFDM
	5710 (U-NII 2C)	1	Avg	15.61 dBm	OFDM
	5710 (U-NII 3)	1	Avg	9.33 dBm	OFDM
	5755~5795	2	Avg	16.41 dBm	OFDM
802.11ac_VHT80	5210	1	EIRP	15.99 dBm	OFDM
	5290	1	Avg	12.04 dBm	OFDM
	5530~5610	1	Avg	12.99 dBm	OFDM
	5690 (U-NII 2C)	1	Avg	14.76 dBm	OFDM
	5690 (U-NII 3)	1	Avg	7.92 dBm	OFDM
	5775	1	Avg	15.49 dBm	OFDM

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1.6 Test Methodology of Applied Standards

FCC Part 15, Subpart E §15.407

FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01

RSS-247 issue 3 Aug. 2023

RSS-Gen, Issue 5 April 2018, Amendment 2 (February 2021)

ANSI C63.10:2013

1.7 Test Facility

Laboratory	Test Site Address	Test Site Name	FCC Designation number	IC CAB identifier
SGS Taiwan Ltd. Central RF Lab. (TAF code 3702)	No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan.	SAC 1	TW0027	TW3702
		SAC 2		
		SAC 3		
		Conduction 1		
		Conducted 1		
		Conducted 2		
		Conducted 3		
		Conducted 4		
		Conducted 5		
		Conducted 6		
	No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333	Conduction C	TW0028	
		SAC C		
		SAC D		
		SAC G		
		Conducted A		
		Conducted B		
		Conducted C		
		Conducted D		
		Conducted E		
		Conducted F		
Conducted G				

Note: Test site name is remarked on the equipment list in each section of this report as an indication where measurements occurred in specific test site and address.

1.8 Special Accessories

There are no special accessories used while test was conducted.

1.9 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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2.5 Test Configuration



2.6 Control Unit(s)

Conducted Emission Test Site: Conducted F					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Notebook	Lenovo	L480	P0002332	N/A	N/A
Radiated Emission Test Site: SAC C					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Notebook	HP	HSN-Q35C-4	P0003858	N/A	N/A

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3 SUMMARY OF TEST RESULT

FCC Rules	ISED Rules	Description Of Test	Result
§15.407(a)	RSS-247 §6.2.1~4 (1) RSS-247 §6.2.5 (2)	Maximum Conducted Output Power	Compliant
§15.205 §15.209 §15.407(b)	RSS-247 §6.2.1~3 (2) §6.2.4 (3) RSS-247 §6.2.5 (3)	Undesirable Radiated Emissions	Compliant

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4 DESCRIPTION OF TEST MODES

4.1 Operating Frequencies

UNII-1 5150 MHz ~ 5250MHz

20MHz		40MHz		80MHz	
CH	Freq. (MHz)	CH	Freq. (MHz)	CH	Freq. (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230		
44	5220				
48	5240				

UNII-2A 5250 MHz ~ 5350MHz

20MHz		40MHz		80MHz	
CH	Freq. (MHz)	CH	Freq. (MHz)	CH	Freq. (MHz)
52	5260	54	5270	58	5290
56	5280	62	5310		
60	5300				
64	5320				

UNII-2C 5470 MHz ~ 5725MHz

20MHz		40MHz		80MHz	
CH	Freq. (MHz)	CH	Freq. (MHz)	CH	Freq. (MHz)
100	5500	102	5510	106	5530
104	5520	110	5550	122	5610
108	5540	118	5590	138	5690
112	5560	126	5630		
116	5580	134	5670		
120	5600	142	5710		
124	5620				
128	5640				
132	5660				
136	5680				
140	5700				
144	5720				

UNII-3 5725 MHz ~ 5850MHz

20MHz		40MHz		80MHz	
CH	Freq. (MHz)	CH	Freq. (MHz)	CH	Freq. (MHz)
149	5745	151	5755	155	5775
153	5765	159	5795		
157	5785				
161	5805				
165	5825				

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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 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.

Modulation		Transmission Chain								Single Transmission Spatial		Multiple Transmission Spatial	
V	802.11 a	V	Ch0		Ch1		Ch2		Ch3	V	1TX		1TX
V	802.11 n	V	Ch0		Ch1		Ch2		Ch3	V	1TX		1TX
V	802.11 ac	V	Ch0		Ch1		Ch2		Ch3	V	1TX		1TX
	802.11 ax		Ch0		Ch1		Ch2		Ch3		1TX		1TX
	802.11 be		Ch0		Ch1		Ch2		Ch3		1TX		1TX

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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	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)	ANTENNA PORT
802.11a	5180~5240	36 to 48	36,44,48	OFDM	6	ch0
	5260~5320	52 to 64	52,60,64			
	5500~5720	100 to 144	100,116,140,144			
	5745~5825	149 to 165	149,157,165			
802.11ac_VHT20	5180~5240	36 to 48	36,44,48	OFDM	MCS0	ch0
	5260~5320	52 to 64	52,60,64			
	5500~5720	100 to 144	100,116,140,144			
	5745~5825	149 to 165	149,157,165			
802.11ac_VHT40	5190~5230	38 to 46	38,46	OFDM	MCS0	ch0
	5270~5310	54 to 62	54,62			
	5510~5710	102 to 142	102,110,134,142			
	5755~5795	151 to 159	151,159			
802.11ac_VHT80	5210	42	42	OFDM	MCS0	ch0
	5290	58	58			
	5530~5690	106 to 138	106,122,138			
	5775	155	155			
TRANSMIT RADIATED EMISSION TEST (BELOW 1 GHz)						
MODE	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)	ANTENNA PORT
802.11a	5180~5240	36 to 48	44	OFDM	6	ch0
	5260~5320	52 to 64	60			
	5500~5720	100 to 144	116			
	5745~5825	149 to 165	157			

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TRANSMIT RADIATED EMISSION TEST (ABOVE 1 GHz)						
MODE	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)	ANTENNA PORT
802.11a	5180~5240	36 to 48	36,44,48	OFDM	6	ch0
	5260~5320	52 to 64	52,60,64			
	5500~5720	100 to 144	100,116,140,144			
	5745~5825	149 to 165	149,157,165			
802.11ac_HT20	5180~5240	36 to 48	36,44,48	OFDM	MCS0	ch0
	5260~5320	52 to 64	52,60,64			
	5500~5720	100 to 144	100,116,140,144			
	5745~5825	149 to 165	149,157,165			
802.11ac_HT40	5190~5230	38 to 46	38,46	OFDM	MCS0	ch0
	5270~5310	54 to 62	54,62			
	5510~5710	102 to 142	102,110,134,142			
	5755~5795	151 to 159	151,159			
802.11ac_VHT80	5210	42	42	OFDM	MCS0	ch0
	5290	58	58			
	5530~5690	106 to 138	106,122,138			
	5775	155	155			

Note:

1. 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.
2. Compare n mode and ac mode, with ac mode being the worst case.

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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
	+/-	4.15 dB	30MHz - 1000MHz
	+/-	3.43 dB	1GHz - 18GHz
	+/-	3.86 dB	18GHz - 40GHz
Polarization: Horizontal	+/-	1.89 dB	9kHz~30MHz
	+/-	4.02 dB	30MHz - 1000MHz
	+/-	3.43 dB	1GHz - 18GHz
	+/-	3.86 dB	18GHz - 40GHz
Radiated Spurious Emission	+/-	2 dB	33GHz-50GHz
	+/-	1.59 dB	50GHz-60GHz
	+/-	1.7 dB	60GHz-90GHz
	+/-	1.64 dB	90GHz-140GHz
	+/-	3.83 dB	140GHz-220GHz

Note:

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

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6 MEASUREMENT EQUIPMENT USED

6.1 Conducted Measurement

Conducted Emission Test Site: Conducted F					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Spectrum Analyzer	KEYSIGHT	N9010B	MY59071570	06/15/2023	06/14/2024
Power Meter	Anritsu	ML2496A	1326001	08/22/2023	08/21/2024
Power Sensor	Anritsu	MA2411B	1315048	08/22/2023	08/21/2024
Power Sensor	Anritsu	MA2411B	1315049	08/22/2023	08/21/2024
Test Software	SGS Taiwan	Radio Test Software	Ver.21	N.C.R	N.C.R
Attenuator	Woken	WATT-218FS-10	RF18	11/15/2023	11/14/2024
Attenuator	Woken	WATT-218FS-10	RF22	11/15/2023	11/14/2024
DC Block	PASTERNAK	PE8210	RF153	11/15/2023	11/14/2024

6.2 Radiated Measurement

Radiated Emission Test Site: SAC C					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Broadband Antenna	SCHWARZBECK	VULB 9168	9168-300	11/02/2023	11/01/2024
Horn Antenna	Schwarzbeck	BBHA9170	184	12/28/2023	12/27/2024
Horn Antenna	Schwarzbeck	BBHA9120D	1187	01/24/2024	01/23/2025
Active Loop Antenna	COM-POWER	AL-130R	10160105	12/04/2023	12/03/2024
3m Site NSA	SGS	966 chamber C	N/A	03/02/2024	03/01/2025
Spectrum Analyzer	KEYSIGHT	N9010A	MY57120290	04/10/2024	04/09/2025
Test Software	audix	e3	E3 20923 SGS Ver.9 (C)	N.C.R	N.C.R
Pre-Amplifier	EMC Instruments	EMC330	980096	11/15/2023	11/14/2024
Pre-Amplifier	EMC Instruments	EMC118A45SE	980789	11/15/2023	11/14/2024
Pre-Amplifier	EMC Instruments	EMC18405SEE	980881	11/15/2023	11/14/2024
Attenuator	Woken	WATT-218FS-10	RF17	11/15/2023	11/14/2024
Coaxial Cable	Huber+Suhner	SUCOFLEX 104	MY17388/4	11/15/2023	11/14/2024
Coaxial Cable	Huber+Suhner	RG 214/U	W22.03	11/15/2023	11/14/2024

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

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7 MAXIMUM CONDUCTED OUTPUT POWER MEASUREMENT

7.1 Standard Applicable

7.1.1 Duty Cycle

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

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

7.1.2 FCC

Band	EUT CATEGORY		e-CRF Title 47 §15.407			
			Conducted Output Power	EIRP	TPC	Antenna Directional Gain Requirements
U-NII-1		Fixed point-to-point	1 Watt(30dBm)	Not required	Not required	23dBi
		Outdoor AP	1 Watt(30dBm)	Elevation angle above 30 degrees 125mW (21dBm)	Not required	6dBi
		Indoor AP	1 Watt(30dBm)	Not required	Not required	6dBi
	V	Other	250mW(23.98dBm)	Not required	Not required	6dBi
U-NII-2A	V	Other	250mW(23.98dBm) or 11dBm+10 log B	Not required	When EIRP >500mW At least 6dB below EIRP 1W (30dBm)	6dBi
U-NII-2C	V	Other	250mW(23.98dBm) or 11dBm+10 log B	Not required		6dBi
U-NII-3	V	Other	1 Watt(30dBm)	Not required	Not required	6dBi
		Fixed point-to-point	1 Watt(30dBm)	Not required	Not required	Not required
U-NII-4		Indoor AP (a channel spans 5725~5850 and 5850~5895MHz)	Not required	36dBm	Not required	Not required
		indoor client (a channel spans 5725~5850 and 5850~5895MHz)	Not required	30dBm	Not required	Not required
		subordinate device	Not required	36dBm	Not required	Not required

1. If transmitting antennas of directional gain greater than the antenna requirements column, the Maximum transmit power shall be reduced by the amount in dB that the direction-al gain of the antenna.
2. For the 10 log B, B is the 26 dB emission bandwidth.

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7.1.3

ISED

FREQUENCY BAND (MHz)	EUT CATEGORY		RSS-247 §6.2.1~6.2.4		
			EIRP	Conducted Output Power	TPC
5150~5250		OEM devices installed in vehicles	30 mW or $1.76 + 10 \log_{10} B$	N/A	At least 3dB below 30mW EIRP
	V	Other device	200 mW or $10 + 10 \log_{10} B$ dBm	N/A	N/A
5250~5350		OEM devices installed in vehicles	30 mW or $1.76 + 10 \log_{10} B$	N/A	At least 3dB below 30mW EIRP
	V	Other device	1.0 W or $17 + 10 \log_{10} B$ dBm	250 mW or $11 + 10 \log_{10} B$	EIRP >500mW, at least 6dB below 1W EIRP
		Outdoor Fixed with EIRP>200mW	$-13 \text{ dBW/MHz for } 0^\circ \leq \theta < 8^\circ$ $-13 - 0.716 (\theta - 8) \text{ dBW/MHz for } 8^\circ \leq \theta < 40^\circ$ $-35.9 - 1.22 (\theta - 40) \text{ dBW/MHz for } 40^\circ \leq \theta \leq 45^\circ$ $-42 \text{ dBW/MHz for } \theta > 45^\circ$	N/A	EIRP >500mW, at least 6dB below 1W EIRP
5470-5600 and 5650-5725	V	All	$1.0 \text{ W or } 17 + 10 \log_{10} B$ dBm	250 mW or $11 + 10 \log_{10} B$	EIRP >500mW, at least 6dB below 1W EIRP
5725~5850	V	All	N/A	1 W	N/A

1 For equipment operating in the band 5725-5850 MHz, If transmitting antennas of directional gain greater than 6 dBi are used, the Maximum transmit power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
2. For the $10 \log B$, B is the 99% emission bandwidth.

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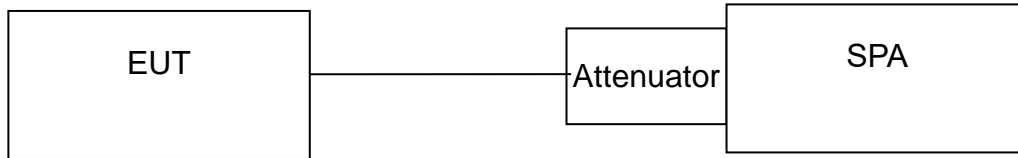
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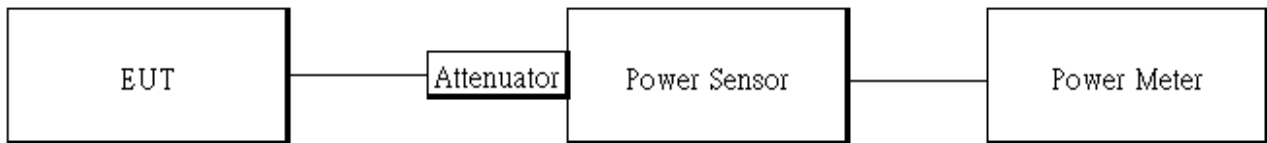
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7.2 Test Setup

7.2.1 Duty Cycle



7.2.2 Output Power



7.3 Measurement Procedure

7.3.1 Duty Cycle Measurements

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

7.3.2 Output Power Measurements

1. Place the EUT on the table and set it in transmitting mode.
2. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules .
3. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the power meter
4. Power Meter is used as the auxiliary test equipment to conduct the output power measurement.
5. Record the max. reading and add 10 log(1/duty cycle).
6. Repeat above procedures until all frequency (low, middle, and high channel) measured were complete.

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7.4 Duty Cycle Measurement Result

Mode	Duty Cycle (%) =Ton / (Ton+Toff)	Duty Factor (dB) =10*log (1/Duty Cycle)	1/T (kHz)	VBW setting (kHz)
802.11a	97.25	0.12	0.74	1.00
802.11n_20	97.22	0.12	0.79	1.00
802.11ac_20	97.24	0.12	0.79	1.00
802.11n_40	94.58	0.24	1.59	2.00
802.11ac_40	94.61	0.24	1.58	2.00
802.11ac_80	89.77	0.47	3.16	4.00

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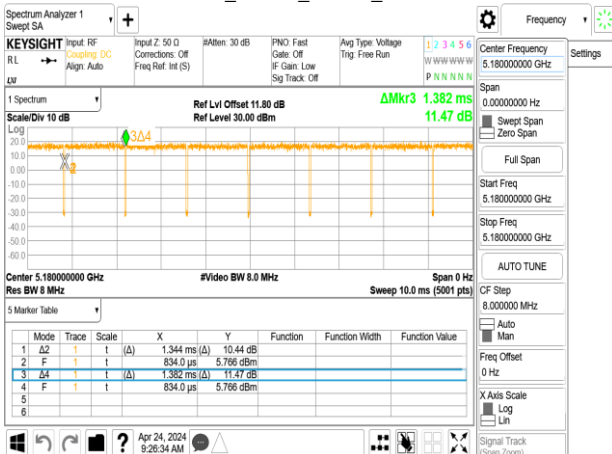
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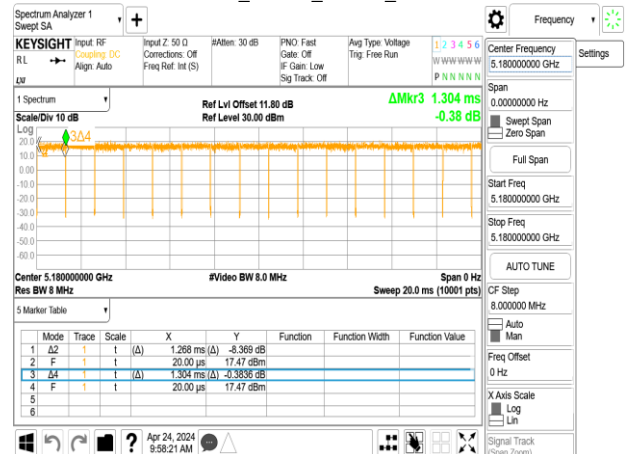
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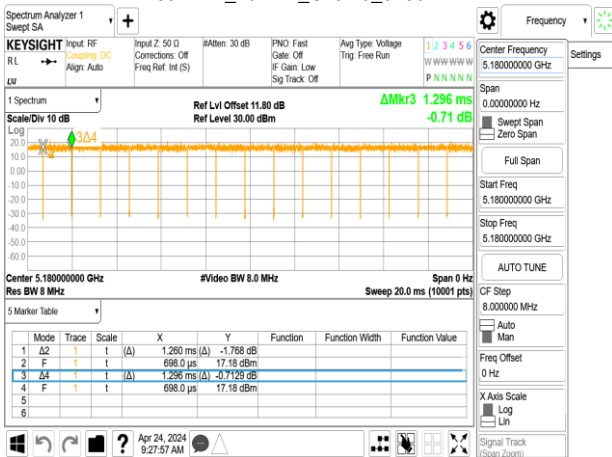
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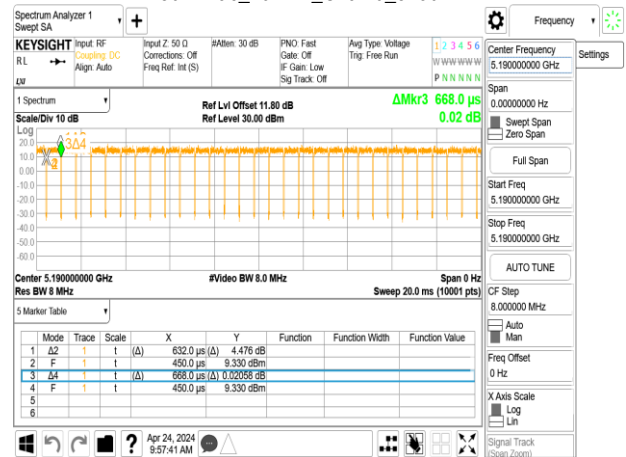
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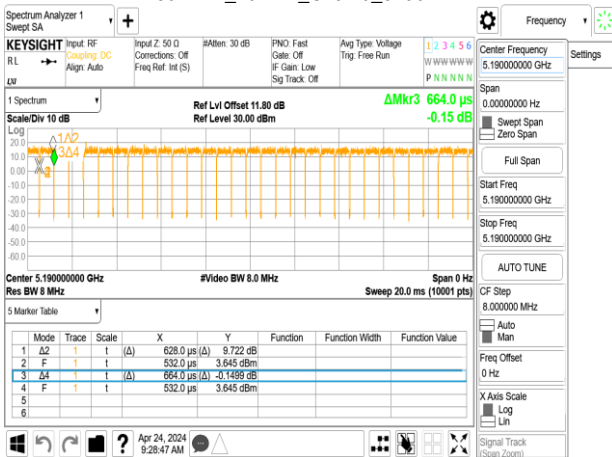
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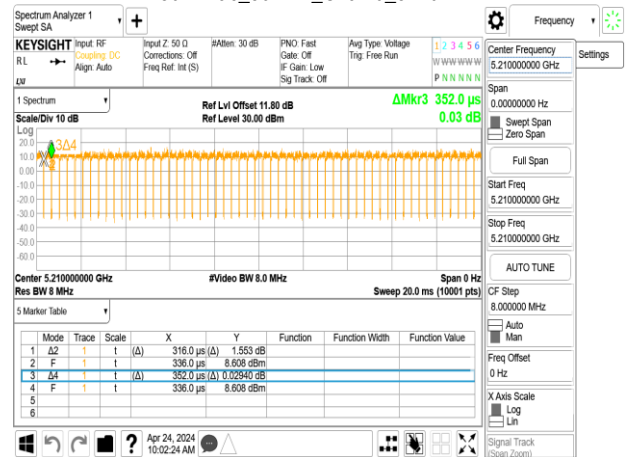
802.11ac_40MHz_Chain0_5190MHz



802.11n_40MHz_Chain0_5190MHz



802.11ac_80MHz_Chain0_5210MHz



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7.5 Output Power Measurement Result

7.5.1 FCC Output power

802.11a_Ch0

CH	Frequency (MHz)	Data Rate	Power Setting	TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
36	5180	6	18	40.189	16.04	23.98	PASS
44	5220	6	18	39.365	15.95	23.98	PASS
48	5240	6	18.5	41.987	16.23	23.98	PASS
52	5260	6	20.5	68.094	18.33	23.98	PASS
60	5300	6	20.5	68.566	18.36	23.98	PASS
64	5320	6	19.5	54.214	17.34	23.98	PASS
100	5500	6	21	74.150	18.70	23.98	PASS
116	5580	6	21	73.132	18.64	23.98	PASS
140	5700	6	19	48.878	16.89	23.98	PASS
144	5720(U-NII 2C)	6	20.5	49.902	16.98	23.01	PASS
144	5720 (U-NII 3)	6	20.5	18.507	12.67	30	PASS
149	5745	6	20.5	71.468	18.54	30	PASS
157	5785	6	20.5	68.251	18.34	30	PASS
165	5825	6	21	67.781	18.31	30	PASS

802.11n_HT20_Ch0

CH	Frequency (MHz)	Data Rate	Power Setting	TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
36	5180	MCS0	19	44.080	16.44	23.98	PASS
44	5220	MCS0	18	37.692	15.76	23.98	PASS
48	5240	MCS0	18.5	39.287	15.94	23.98	PASS
52	5260	MCS0	20	54.106	17.33	23.98	PASS
60	5300	MCS0	20	54.732	17.38	23.98	PASS
64	5320	MCS0	19	44.284	16.46	23.98	PASS
100	5500	MCS0	20.5	52.874	17.23	23.98	PASS
116	5580	MCS0	21	54.231	17.34	23.98	PASS
140	5700	MCS0	18	33.826	15.29	23.98	PASS
144	5720(U-NII 2C)	MCS0	21	37.128	15.70	23.98	PASS
144	5720 (U-NII 3)	MCS0	21	15.990	12.04	30	PASS
149	5745	MCS0	20.5	52.874	17.23	30	PASS
157	5785	MCS0	21	54.481	17.36	30	PASS
165	5825	MCS0	21.5	56.007	17.48	30	PASS

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802.11ac_VHT20_Ch0

CH	Frequency (MHz)	Data Rate	Power Setting	TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
36	5180	MCS0	19	44.275	16.46	23.98	PASS
44	5220	MCS0	18.5	37.858	15.78	23.98	PASS
48	5240	MCS0	18.5	39.733	15.99	23.98	PASS
52	5260	MCS0	20.5	58.097	17.64	23.98	PASS
60	5300	MCS0	20	55.482	17.44	23.98	PASS
64	5320	MCS0	19.5	54.344	17.35	23.98	PASS
100	5500	MCS0	20.5	53.476	17.28	23.98	PASS
116	5580	MCS0	21	54.595	17.37	23.98	PASS
140	5700	MCS0	18	34.289	15.35	23.98	PASS
144	5720(U-NII 2C)	MCS0	21	37.810	15.78	23.98	PASS
144	5720 (U-NII 3)	MCS0	21	16.284	12.12	30	PASS
149	5745	MCS0	20.5	53.230	17.26	30	PASS
157	5785	MCS0	21	55.482	17.44	30	PASS
165	5825	MCS0	21.5	56.384	17.51	30	PASS

802.11n_HT40_Ch0

CH	Frequency (MHz)	Data Rate	Power Setting	TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
38	5190	MCS0	17	33.667	15.27	23.98	PASS
46	5230	MCS0	18.5	43.873	16.42	23.98	PASS
54	5270	MCS0	18.5	43.371	16.37	23.98	PASS
62	5310	MCS0	16.5	30.634	14.86	23.98	PASS
102	5510	MCS0	18.5	35.335	15.48	23.98	PASS
110	5550	MCS0	19.5	42.384	16.27	23.98	PASS
134	5670	MCS0	19.5	43.672	16.40	23.98	PASS
142	5710(U-NII 2C)	MCS0	19.5	36.266	15.60	23.98	PASS
142	5710 (U-NII 3)	MCS0	19.5	8.526	9.31	30	PASS
151	5755	MCS0	19.5	43.371	16.37	30	PASS
159	5795	MCS0	19.5	42.189	16.25	30	PASS

802.11ac_VHT40_Ch0

CH	Frequency (MHz)	Data Rate	Power Setting	TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
38	5190	MCS0	17	34.440	15.37	23.98	PASS
46	5230	MCS0	18.5	44.265	16.46	23.98	PASS
54	5270	MCS0	18.5	43.961	16.43	23.98	PASS
62	5310	MCS0	17	33.194	15.21	23.98	PASS
102	5510	MCS0	18.5	35.980	15.56	23.98	PASS
110	5550	MCS0	20	42.664	16.30	23.98	PASS
134	5670	MCS0	19.5	43.859	16.42	23.98	PASS
142	5710(U-NII 2C)	MCS0	19.5	36.422	15.61	23.98	PASS
142	5710 (U-NII 3)	MCS0	19.5	8.562	9.33	30	PASS
151	5755	MCS0	19.5	43.457	16.38	30	PASS
159	5795	MCS0	19.5	43.759	16.41	30	PASS

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802.11ac_VHT80_Ch0

CH	Frequency (MHz)	Data Rate	Power Setting	TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
42	5210	MCS0	14.5	23.489	13.71	23.98	PASS
58	5290	MCS0	13	15.991	12.04	23.98	PASS
106	5530	MCS0	16	19.901	12.99	23.98	PASS
122	5610	MCS0	19	35.471	15.50	23.98	PASS
138	5690(U-NII 2C)	MCS0	19	29.933	14.76	23.98	PASS
138	5690 (U-NII 3)	MCS0	19	6.197	7.92	30	PASS
155	5775	MCS0	19	35.389	15.49	30	PASS

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7.5.2 ISD Conducted output power and EIRP

802.11a_Ch0

CH	Frequency (MHz)	TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
52	5260	68.094	18.33	23.98	PASS
60	5300	68.566	18.36	23.98	PASS
64	5320	54.214	17.34	23.98	PASS
100	5500	74.150	18.70	23.98	PASS
116	5580	73.132	18.64	23.98	PASS
140	5700	48.878	16.89	23.98	PASS
144	5720(U-NII 2C)	49.902	16.98	22.24	PASS
144	5720 (U-NII 3)	18.507	12.67	30	PASS
149	5745	71.468	18.54	30	PASS
157	5785	68.251	18.34	30	PASS
165	5825	67.781	18.31	30	PASS

802.11n_HT20_Ch0

CH	Frequency (MHz)	TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
52	5260	54.106	17.33	23.98	PASS
60	5300	54.732	17.38	23.98	PASS
64	5320	44.284	16.46	23.98	PASS
100	5500	52.874	17.23	23.98	PASS
116	5580	54.231	17.34	23.98	PASS
140	5700	33.826	15.29	23.98	PASS
144	5720(U-NII 2C)	37.128	15.70	22.43	PASS
144	5720 (U-NII 3)	15.990	12.04	30	PASS
149	5745	52.874	17.23	30	PASS
157	5785	54.481	17.36	30	PASS
165	5825	56.007	17.48	30	PASS

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802.11ac_VHT20_Ch0

CH	Frequency (MHz)	TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
52	5260	58.097	17.64	23.98	PASS
60	5300	55.482	17.44	23.98	PASS
64	5320	54.344	17.35	23.98	PASS
100	5500	53.476	17.28	23.98	PASS
116	5580	54.595	17.37	23.98	PASS
140	5700	34.289	15.35	23.98	PASS
144	5720(U-NII 2C)	37.810	15.78	22.43	PASS
144	5720 (U-NII 3)	16.284	12.12	30	PASS
149	5745	53.230	17.26	30	PASS
157	5785	55.482	17.44	30	PASS
165	5825	56.384	17.51	30	PASS

802.11n_HT40_Ch0

CH	Frequency (MHz)	TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
54	5270	43.371	16.37	23.98	PASS
62	5310	30.634	14.86	23.98	PASS
102	5510	35.335	15.48	23.98	PASS
110	5550	42.384	16.27	23.98	PASS
134	5670	43.672	16.40	23.98	PASS
142	5710(U-NII 2C)	36.266	15.60	23.98	PASS
142	5710 (U-NII 3)	8.526	9.31	30	PASS
151	5755	43.371	16.37	30	PASS
159	5795	42.189	16.25	30	PASS

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802.11ac_VHT40_Ch0

CH	Frequency (MHz)	TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
54	5270	43.961	16.43	23.98	PASS
62	5310	33.194	15.21	23.98	PASS
102	5510	35.980	15.56	23.98	PASS
110	5550	42.664	16.30	23.98	PASS
134	5670	43.859	16.42	23.98	PASS
142	5710(U-NII 2C)	36.422	15.61	23.98	PASS
142	5710 (U-NII 3)	8.562	9.33	30	PASS
151	5755	43.457	16.38	30	PASS
159	5795	43.759	16.41	30	PASS

802.11ac_VHT80_Ch0

CH	Frequency (MHz)	TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
58	5290	15.991	12.04	23.98	PASS
106	5530	19.901	12.99	23.98	PASS
138	5690(U-NII 2C)	29.933	14.76	23.98	PASS
138	5690 (U-NII 3)	6.197	7.92	30	PASS
155	5775	35.389	15.49	30	PASS

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802.11a_Ch0

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	REQUIRED LIMIT (dBm)	RESULT
36	5180	16.04	2.28	67.920	18.32	23.01	PASS
44	5220	15.95	2.28	66.527	18.23	23.01	PASS
48	5240	16.23	2.28	70.958	18.51	23.01	PASS
52	5260	18.33	2.28	115.080	20.61	30	PASS
60	5300	18.36	2.28	115.878	20.64	30	PASS
64	5320	17.34	2.28	91.622	19.62	30	PASS
100	5500	18.70	1.13	96.161	19.83	30	PASS
116	5580	18.64	1.13	94.842	19.77	30	PASS
140	5700	16.89	1.13	63.387	18.02	30	PASS

802.11n_HT20_Ch0

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	REQUIRED LIMIT (dBm)	RESULT
36	5180	16.44	2.28	74.473	18.72	23.01	PASS
44	5220	15.76	2.28	63.680	18.04	23.01	PASS
48	5240	15.94	2.28	66.374	18.22	23.01	PASS
52	5260	17.33	2.28	91.411	19.61	30	PASS
60	5300	17.38	2.28	92.470	19.66	30	PASS
64	5320	16.46	2.28	74.817	18.74	30	PASS
100	5500	17.23	1.13	68.549	18.36	30	PASS
116	5580	17.34	1.13	70.307	18.47	30	PASS
140	5700	15.29	1.13	43.853	16.42	30	PASS

802.11ac_VHT20_Ch0

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	REQUIRED LIMIT (dBm)	RESULT
36	5180	16.46	2.28	74.817	18.74	23.01	PASS
44	5220	15.78	2.28	63.973	18.06	23.01	PASS
48	5240	15.99	2.28	67.143	18.27	23.01	PASS
52	5260	17.64	2.28	98.175	19.92	30	PASS
60	5300	17.44	2.28	93.756	19.72	30	PASS
64	5320	17.35	2.28	91.833	19.63	30	PASS
100	5500	17.28	1.13	69.343	18.41	30	PASS
116	5580	17.37	1.13	70.795	18.50	30	PASS
140	5700	15.35	1.13	44.463	16.48	30	PASS

802.11n_HT40_Ch0

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	REQUIRED LIMIT (dBm)	RESULT
38	5190	15.27	2.28	56.885	17.55	23.01	PASS
46	5230	16.42	2.28	74.131	18.70	23.01	PASS
54	5270	16.37	2.28	73.282	18.65	30	PASS
62	5310	14.86	2.28	51.761	17.14	30	PASS
102	5510	15.48	1.13	45.814	16.61	30	PASS
110	5550	16.27	1.13	54.954	17.40	30	PASS
134	5670	16.40	1.13	56.624	17.53	30	PASS

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802.11ac_VHT40_Ch0

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	REQUIRED LIMIT (dBm)	RESULT
38	5190	15.37	2.28	58.210	17.65	23.01	PASS
46	5230	16.46	2.28	74.817	18.74	23.01	PASS
54	5270	16.43	2.28	74.302	18.71	30	PASS
62	5310	15.21	2.28	56.105	17.49	30	PASS
102	5510	15.56	1.13	46.666	16.69	30	PASS
110	5550	16.30	1.13	55.335	17.43	30	PASS
134	5670	16.42	1.13	56.885	17.55	30	PASS

802.11ac_VHT80_Ch0

CH	Frequency (MHz)	TOTAL POWER (dBm)	Antenna Gain (dBi)	EIRP (mW)	EIRP (dBm)	REQUIRED LIMIT (dBm)	RESULT
42	5210	13.71	2.28	39.719	15.99	23.01	PASS
58	5290	12.04	2.28	27.040	14.32	30	PASS
106	5530	12.99	1.13	25.823	14.12	30	PASS

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8 UNDESIRABLE RADIATED EMISSION MEASUREMENT

8.1 Standard Applicable

$EIRP = (E^2 d^2) / 30$, where E is the field strength in V/m, d is the measurement distance (3m), $EIRP$ is the equivalent isotropically radiated power in Watts.

8.1.1 5150~5850 MHz

Applicable to	Operation Freq. (MHz)	EIRP		Field Strength @ 3m (dBμV/m)
		Freq. (MHz)	Limits (dBm/MHz)	
15.407(b)(1) RSS-247 §6.2.1.2	5150~5250	$f \leq 5150$ $f \geq 5350$	PK: -27	PK: 68.2
15.407(b)(2) RSS-247 §6.2.2.2	5250~5350			
15.407(b)(3) RSS-247 §6.2.3.2	5475~5725			
15.407(b)(4)(i) RSS-247 §6.2.4.3	5725~5850	at 75 MHz or more above or below the band edge	PK:-27	PK: 68.2
		increasing linearly from 75~25MHz above or below the band edge	PK:-27~10	PK: 68.2~105.2
		increasing linearly from 25~5MHz above or below the band edge	PK:10~15.6	PK: 105.2~110.8
		increasing linearly from 5~0 MHz above or below the band edge	PK: 15.6~27	PK:110.8~122.2

8.1.2 Spurious Emission

Unwanted spurious emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table:

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:

- The lower limit shall apply at the transition frequencies.

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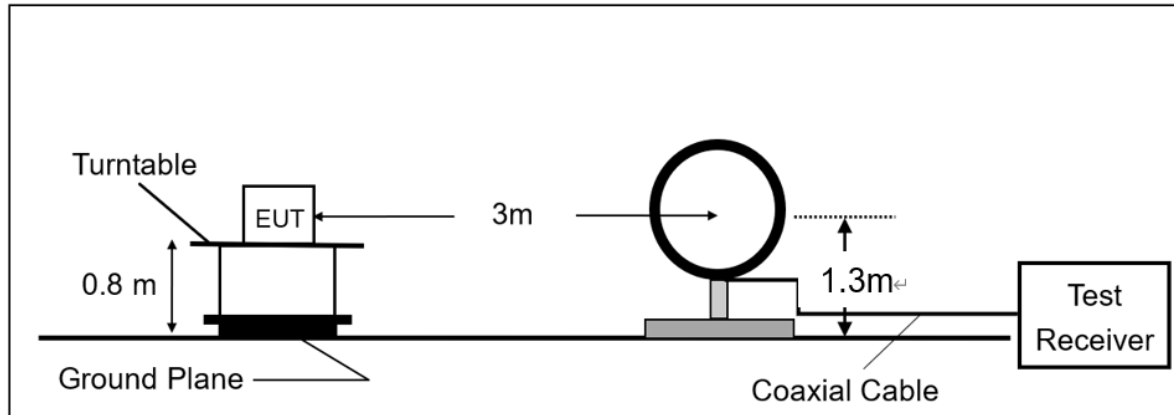
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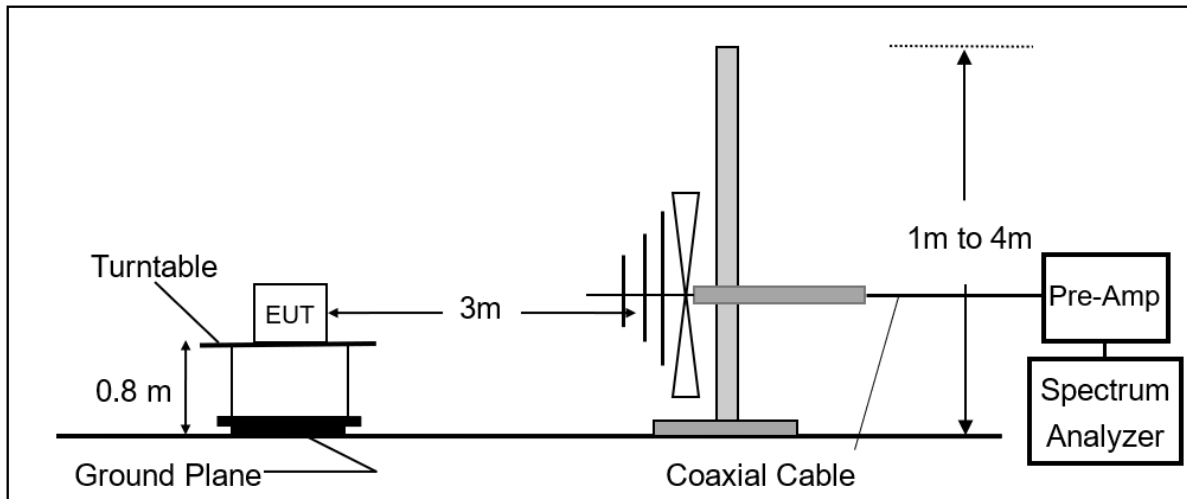
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8.2 Test Setup

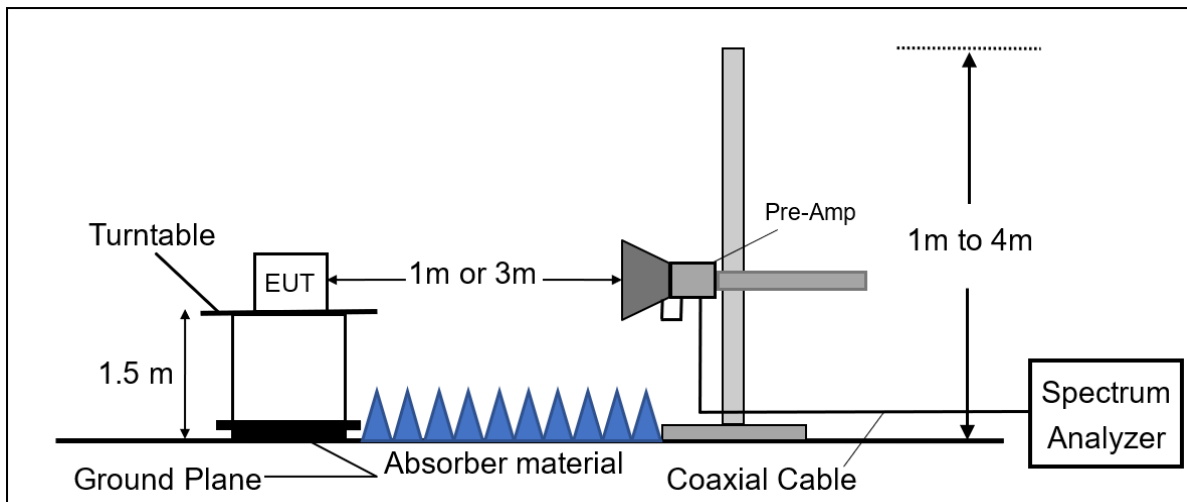
(A) Radiated Emission Test Set-Up, Frequency Below 30MHz.



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



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



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8.3 Measurement Procedure

1. The testing follows FCC KDB 789033 D02.
2. The EUT was placed on a turn table with 0.8m for frequency < 1GHz and 1.5m for frequency > 1GHz above ground plane.
3. The turn table shall rotate 360 degrees to determine the position of maximum emission level.
4. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emissions.
5. Set the spectrum analyzer as RBW=100 kHz and VBW=300 kHz for Peak Detector (PK) at frequency between 30MHz and 1 GHz
6. Use receiver mode as RBW=120 kHz for Quasi-peak (QP) at frequency between 30MHz and 1 GHz.
7. Set the spectrum analyzer as RBW=1 MHz, VBW=3 MHz for Maximum Emission Measurements at frequency above 1 GHz.
8. Set the spectrum analyzer as RBW=1 MHz, VBW=10 Hz (Duty cycle > 98%) or VBW $\geq 1/T$ (Duty cycle < 98%) for Average Emission Measurements at frequency above 1 GHz.
9. When measurement procedures for electric field radiated emissions above 1 GHz the EUT measurement is to be made "while keeping the antenna in the 'cone of radiation' from that area and pointed at the area both in azimuth and elevation, with polarization oriented for maximum response." is still within the 3dB illumination BW of the measurement antenna.
10. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
11. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
12. Repeat above procedures until all frequency measured were complete.

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8.4 Field Strength Calculation

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

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

Where *FS* = Field Strength

CL = Cable Attenuation Factor (Cable Loss)

RA = Reading Amplitude

AG = Amplifier Gain

AF = Antenna Factor

The limit of the emission level is expressed in dBuV/m, which converts $20 \cdot \log(\mu V/m)$

Actual FS(dBμV/m) = SPA. Reading level(dBμV) + Factor(dB)

Factor(dB) = Antenna Factor(dBμV/m) + Cable Loss(dB) – Pre_Amplifier Gain(dB)

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

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit per 15.31(o) & RSS-GEN §6.13.2 was not reported.

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8.5.1 Spurious Emission

Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-18

Test Frequency :5220 MHz

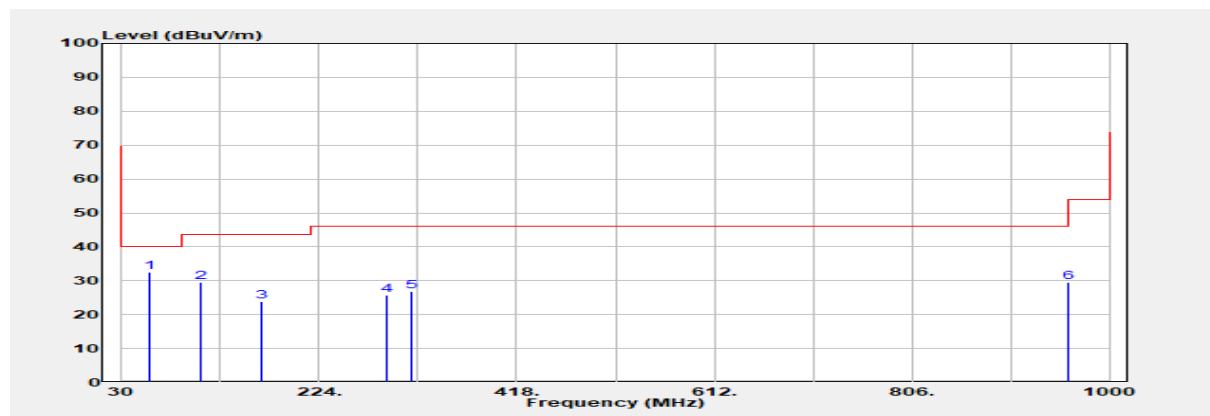
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
57.160	Peak	48.71	-16.10	32.61	40.00	-7.39
107.600	Peak	49.12	-19.50	29.62	43.50	-13.88
166.770	Peak	39.85	-16.13	23.72	43.50	-19.78
290.930	Peak	40.91	-15.13	25.78	46.00	-20.22
315.180	Peak	41.14	-14.32	26.82	46.00	-19.18
960.230	Peak	30.66	-1.20	29.46	54.00	-24.54

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-18

Test Frequency :5220 MHz

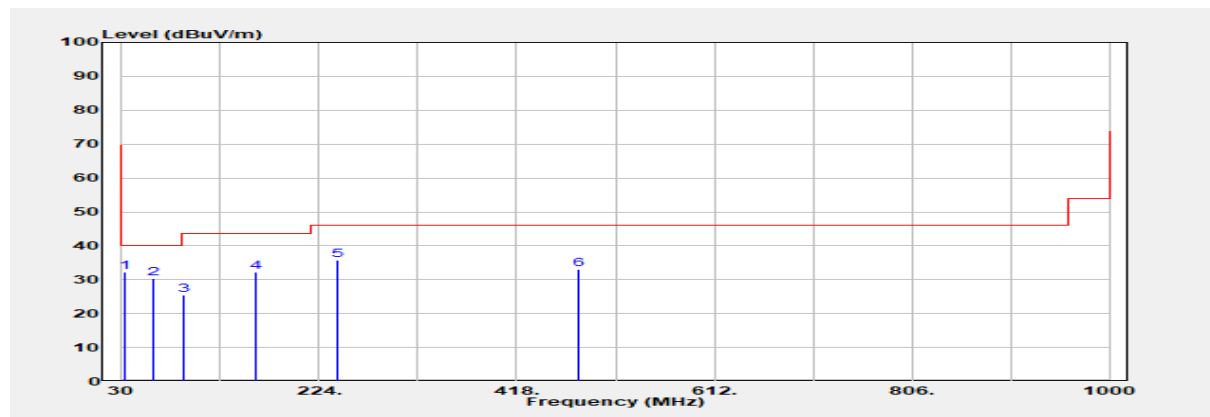
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
33.880	Peak	49.54	-17.28	32.25	40.00	-7.75
61.040	Peak	47.32	-16.92	30.41	40.00	-9.59
91.110	Peak	47.05	-21.66	25.39	43.50	-18.11
161.920	Peak	48.24	-15.96	32.29	43.50	-11.21
241.460	Peak	52.80	-17.03	35.77	46.00	-10.23
478.140	Peak	42.75	-9.80	32.95	46.00	-13.05

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-18

Test Frequency :5300 MHz

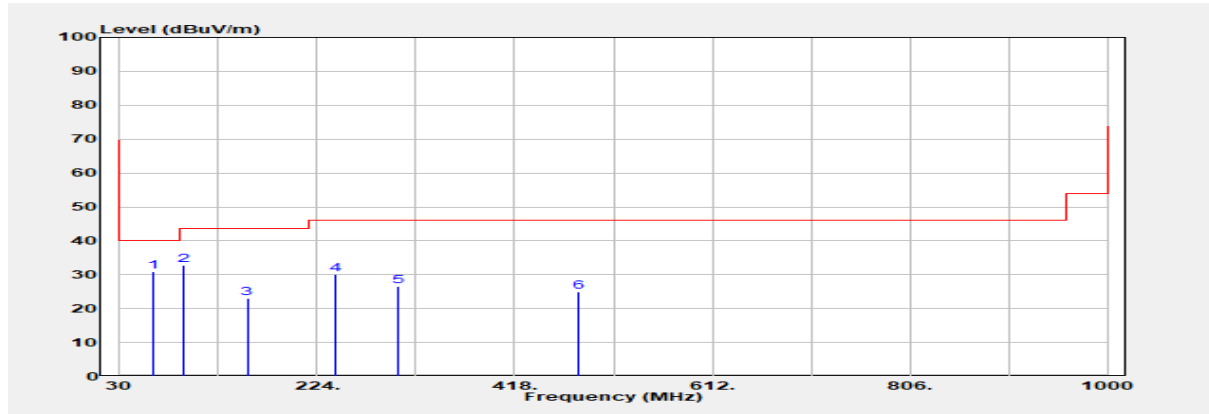
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
62.980	Peak	48.10	-17.24	30.86	40.00	-9.14
92.080	Peak	54.28	-21.59	32.69	43.50	-10.81
155.130	Peak	38.47	-15.53	22.94	43.50	-20.56
242.430	Peak	47.09	-16.98	30.11	46.00	-15.89
303.540	Peak	41.49	-14.96	26.53	46.00	-19.47
480.080	Peak	34.68	-9.72	24.96	46.00	-21.04

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-18

Test Frequency :5300 MHz

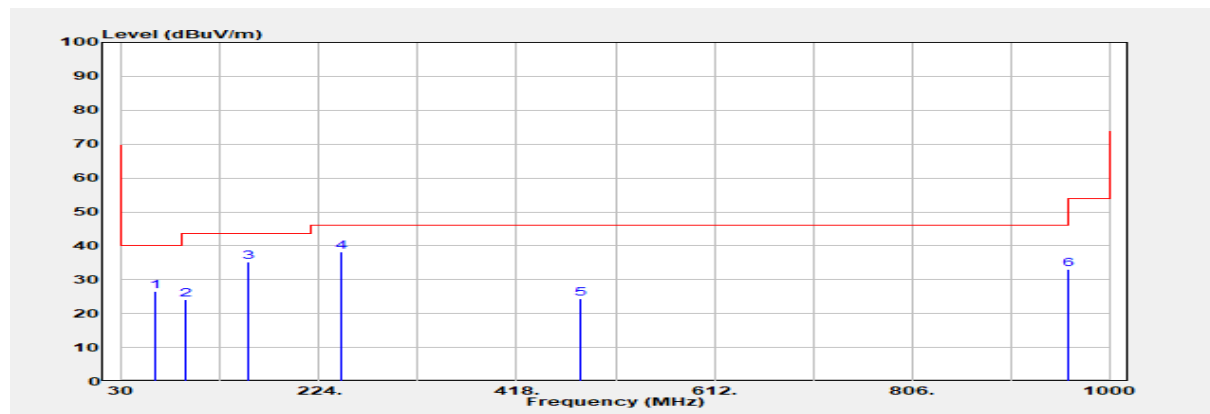
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
62.010	Peak	43.84	-17.17	26.66	40.00	-13.34
93.050	Peak	45.56	-21.35	24.21	43.50	-19.29
154.160	Peak	50.92	-15.63	35.29	43.50	-8.21
245.340	Peak	55.05	-16.83	38.22	46.00	-7.78
480.080	Peak	34.21	-9.72	24.49	46.00	-21.51
960.230	Peak	34.17	-1.20	32.97	54.00	-21.03

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-18

Test Frequency :5580 MHz

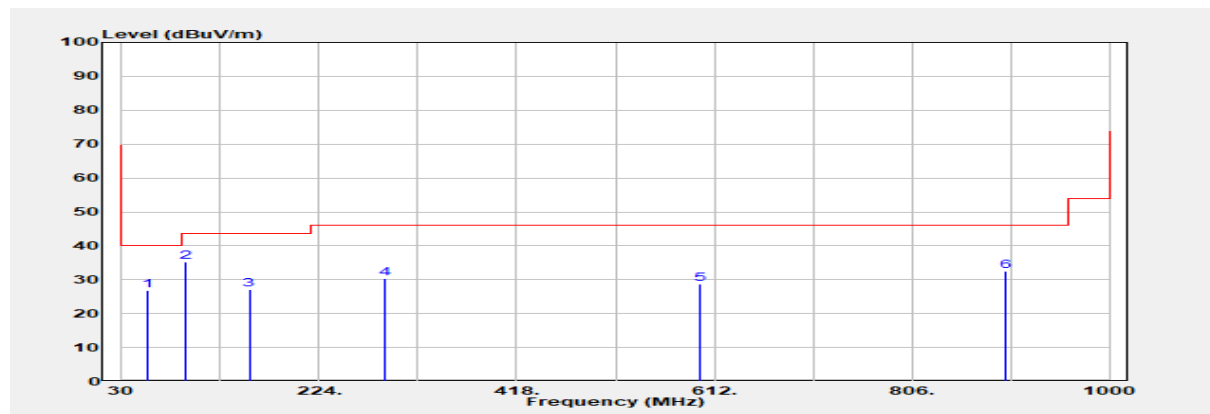
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
55.220	Peak	42.70	-15.90	26.80	40.00	-13.20
92.080	Peak	56.73	-21.59	35.15	43.50	-8.35
155.130	Peak	42.71	-15.53	27.18	43.50	-16.32
288.020	Peak	45.63	-15.18	30.45	46.00	-15.55
597.450	Peak	35.98	-7.25	28.73	46.00	-17.27
899.120	Peak	34.39	-1.87	32.52	46.00	-13.48

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-18

Test Frequency :5580 MHz

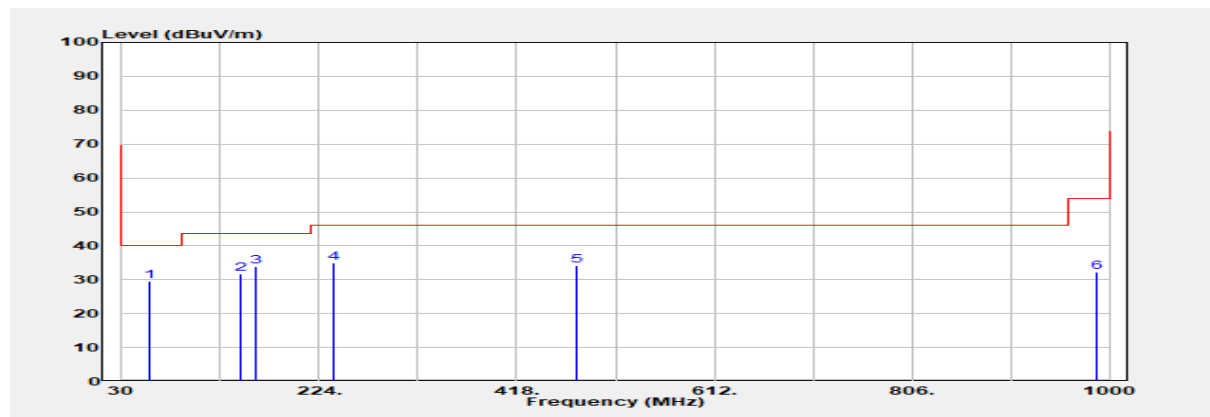
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
58.130	Peak	45.88	-16.43	29.45	40.00	-10.55
146.400	Peak	47.60	-15.83	31.76	43.50	-11.74
160.950	Peak	49.69	-15.87	33.82	43.50	-9.68
238.550	Peak	52.29	-17.24	35.04	46.00	-10.96
477.170	Peak	44.04	-9.84	34.20	46.00	-11.80
987.390	Peak	32.75	-0.57	32.19	54.00	-21.81

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-18

Test Frequency :5785 MHz

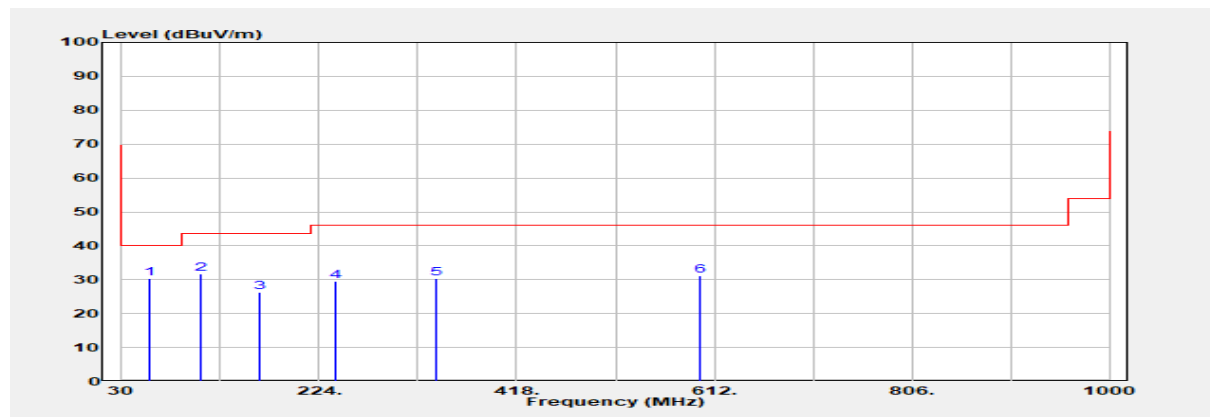
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
57.160	Peak	46.58	-16.10	30.48	40.00	-9.52
107.600	Peak	51.17	-19.50	31.67	43.50	-11.83
165.800	Peak	42.25	-16.05	26.20	43.50	-17.30
240.490	Peak	46.68	-17.08	29.60	46.00	-16.40
338.460	Peak	44.07	-13.80	30.26	46.00	-15.74
598.420	Peak	38.44	-7.24	31.21	46.00	-14.79

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-18

Test Frequency :5785 MHz

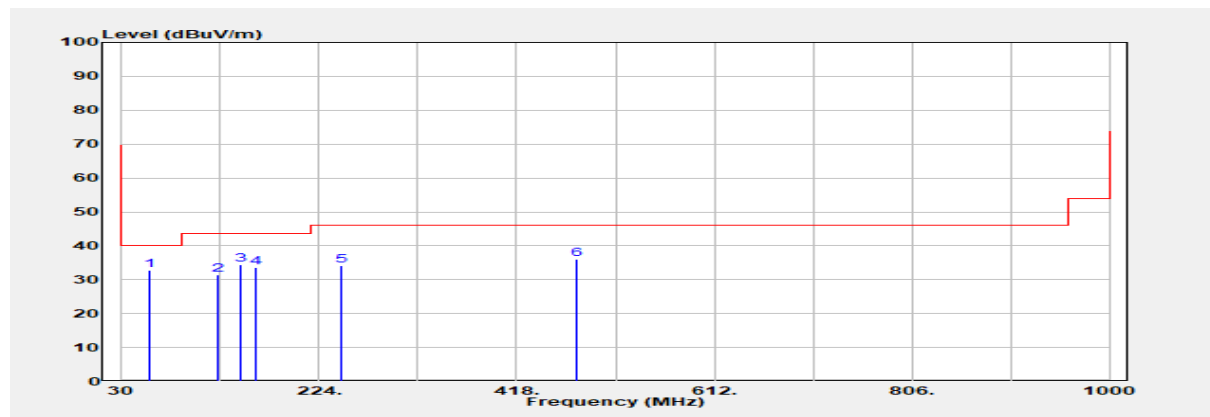
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
58.130	Peak	49.18	-16.43	32.75	40.00	-7.25
125.060	Peak	49.18	-17.75	31.43	43.50	-12.07
147.370	Peak	50.24	-15.70	34.55	43.50	-8.95
161.920	Peak	49.69	-15.96	33.73	43.50	-9.77
245.340	Peak	50.94	-16.83	34.11	46.00	-11.89
477.170	Peak	45.81	-9.84	35.98	46.00	-10.02

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Member of SGS Group

Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-18

Test Frequency :5180 MHz

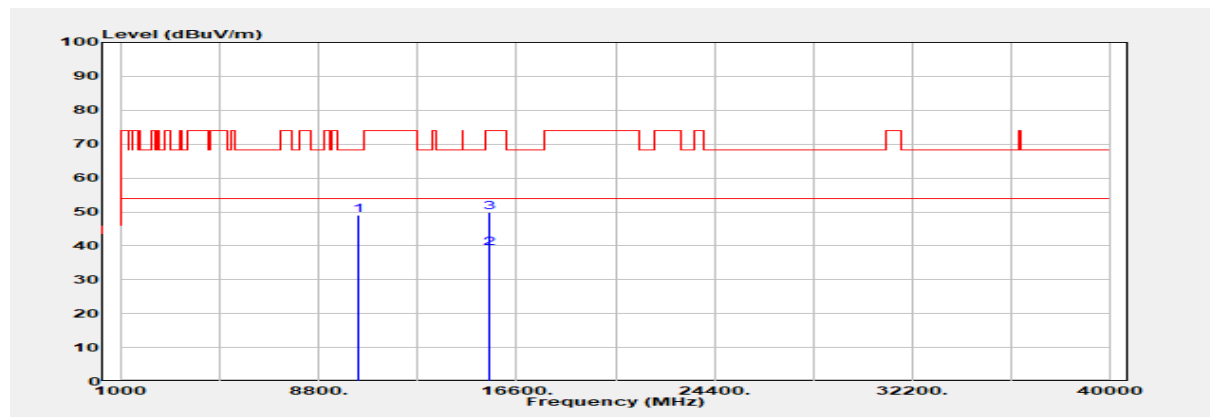
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10360.000	Peak	40.10	8.94	49.04	68.20	-19.16
15540.000	Average	32.74	6.52	39.26	54.00	-14.74
15540.000	Peak	43.45	6.52	49.97	74.00	-24.03

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-18

Test Frequency :5180 MHz

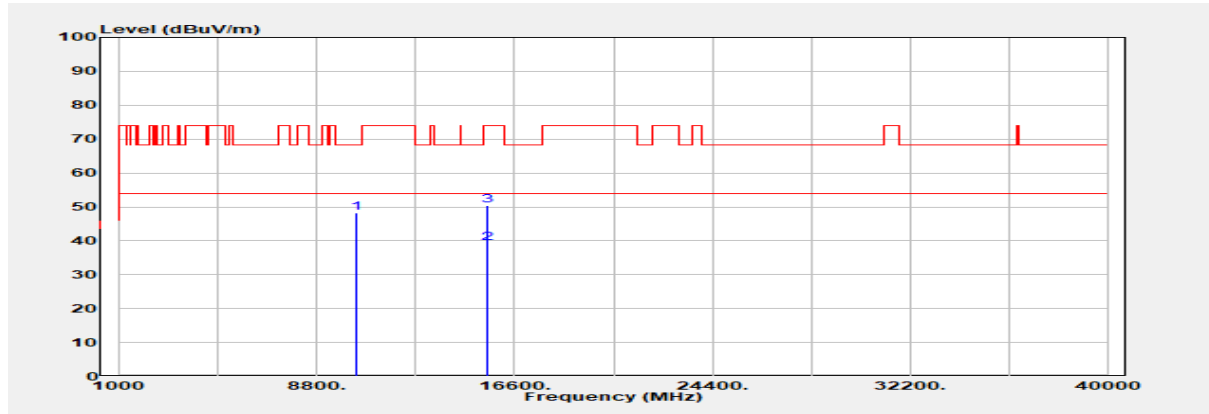
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10360.000	Peak	39.39	8.94	48.33	68.20	-19.87
15540.000	Average	32.79	6.52	39.31	54.00	-14.69
15540.000	Peak	44.00	6.52	50.52	74.00	-23.48

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-18

Test Frequency :5220 MHz

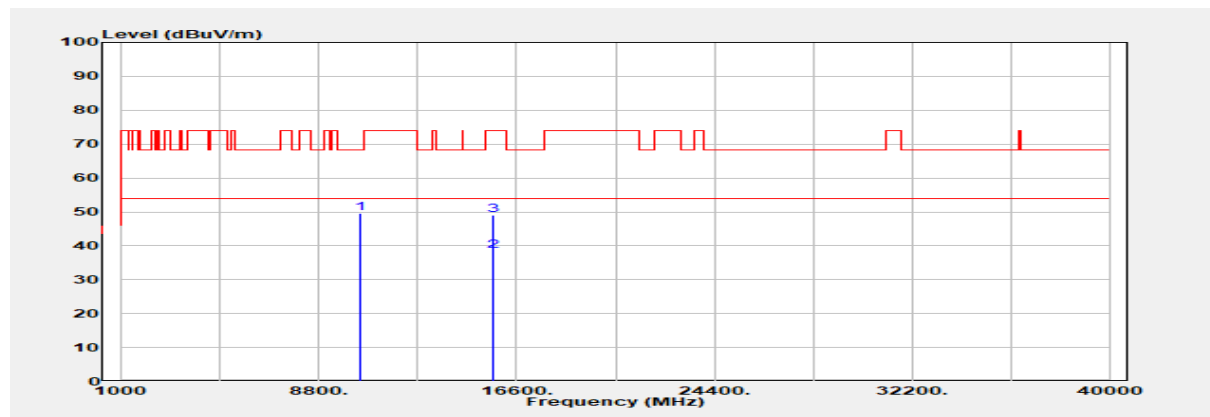
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10440.000	Peak	40.19	9.37	49.57	68.20	-18.63
15660.000	Average	32.57	6.04	38.61	54.00	-15.39
15660.000	Peak	43.14	6.04	49.18	74.00	-24.82

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-18

Test Frequency :5220 MHz

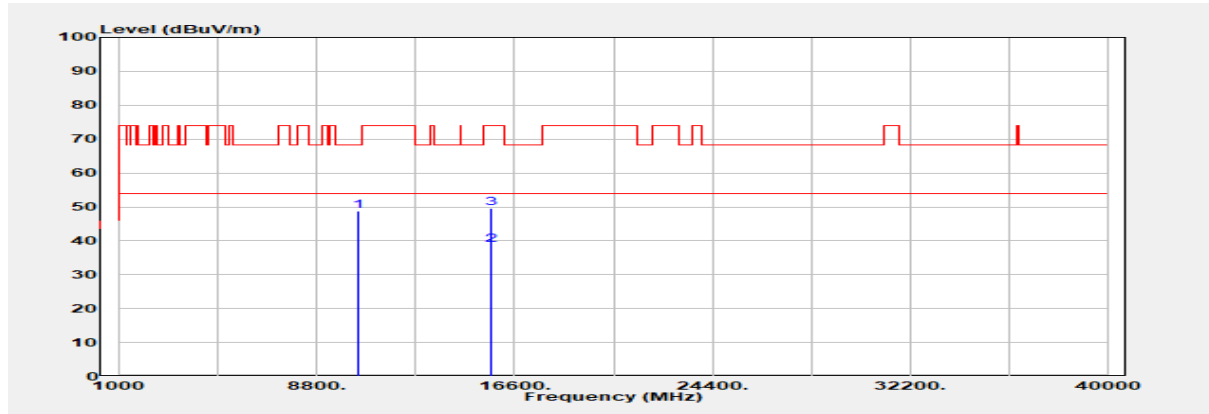
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10440.000	Peak	39.30	9.37	48.67	68.20	-19.53
15660.000	Average	32.64	6.04	38.67	54.00	-15.33
15660.000	Peak	43.54	6.04	49.58	74.00	-24.42

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-18

Test Frequency :5240 MHz

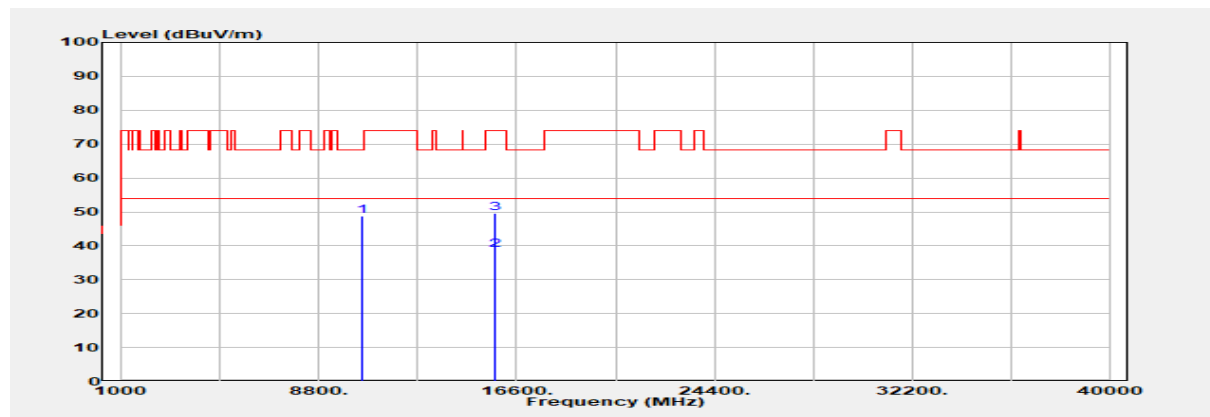
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10480.000	Peak	39.64	9.01	48.66	68.20	-19.54
15720.000	Average	32.62	6.03	38.65	54.00	-15.35
15720.000	Peak	43.43	6.03	49.46	74.00	-24.54

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-18

Test Frequency :5240 MHz

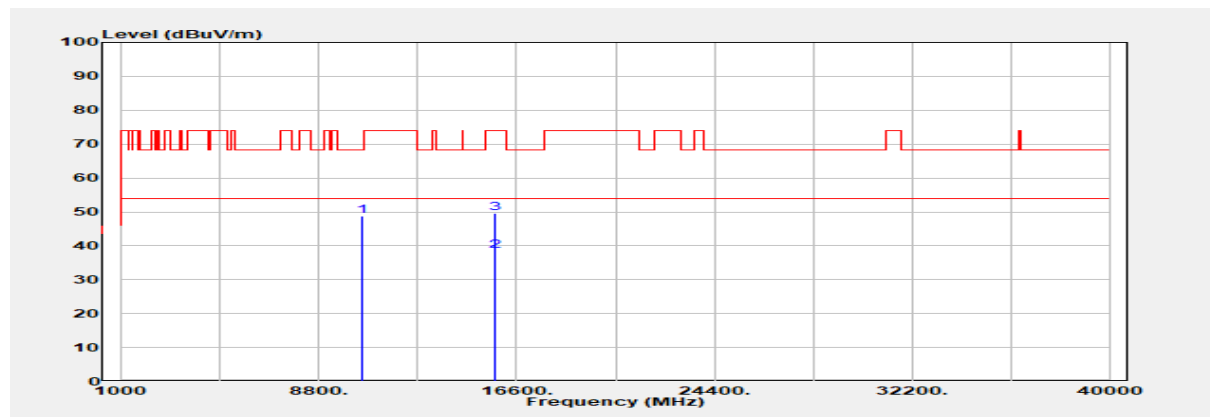
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10480.000	Peak	39.87	9.01	48.89	68.20	-19.31
15720.000	Average	32.55	6.03	38.58	54.00	-15.42
15720.000	Peak	43.48	6.03	49.51	74.00	-24.49

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-18

Test Frequency :5260 MHz

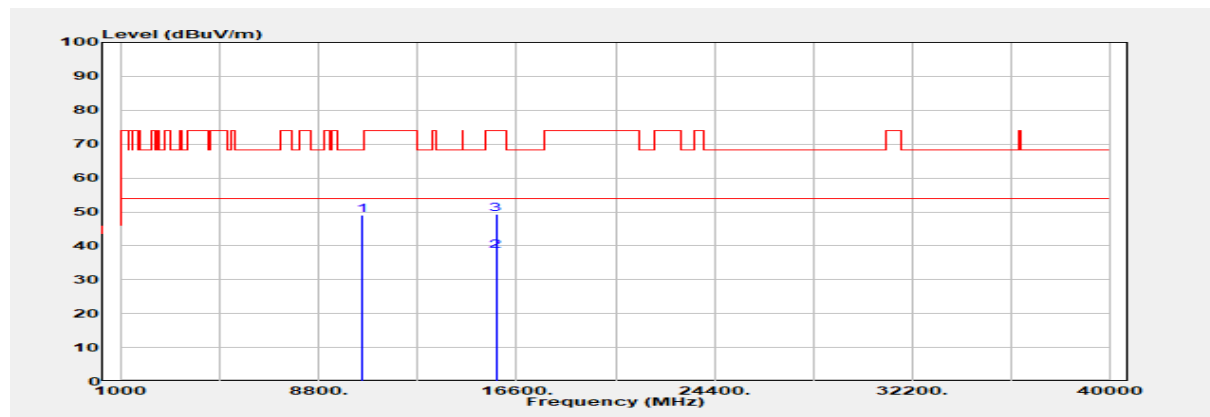
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10520.000	Peak	40.19	8.82	49.01	68.20	-19.19
15780.000	Average	32.91	5.63	38.54	54.00	-15.46
15780.000	Peak	43.59	5.63	49.22	74.00	-24.78

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-18

Test Frequency :5260 MHz

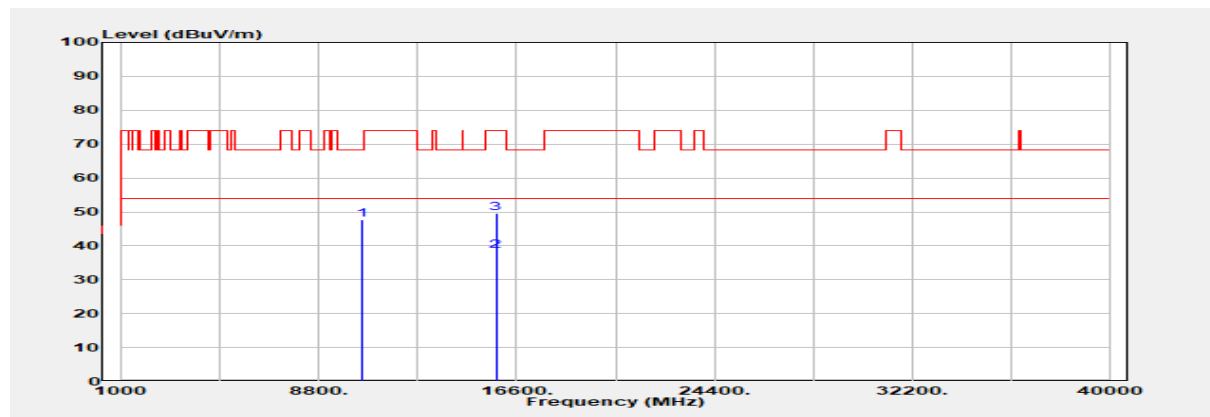
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10520.000	Peak	38.94	8.82	47.76	68.20	-20.44
15780.000	Average	32.81	5.63	38.44	54.00	-15.56
15780.000	Peak	43.91	5.63	49.54	74.00	-24.46

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-18

Test Frequency :5300 MHz

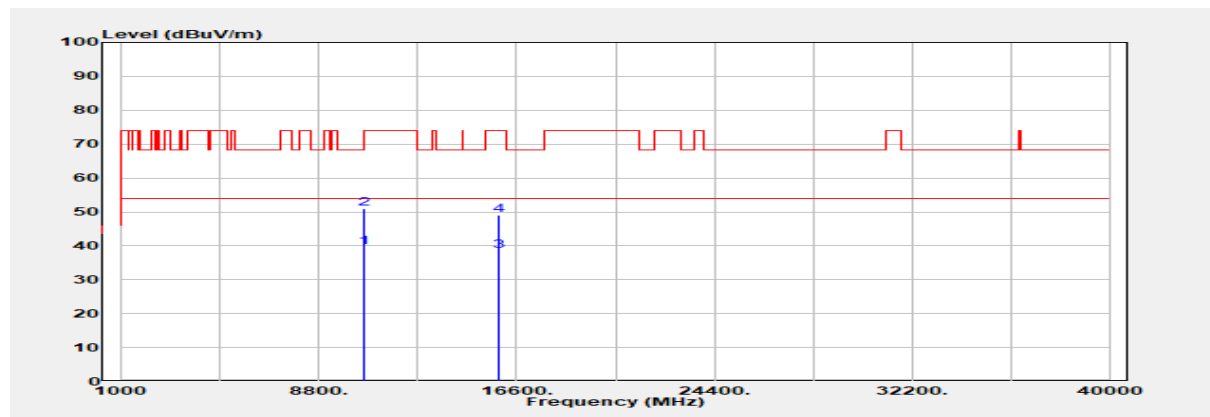
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10600.000	Average	31.05	8.56	39.61	54.00	-14.39
10600.000	Peak	42.30	8.56	50.86	74.00	-23.14
15900.000	Average	32.66	5.73	38.39	54.00	-15.61
15900.000	Peak	43.27	5.73	49.00	74.00	-25.00

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-18

Test Frequency :5300 MHz

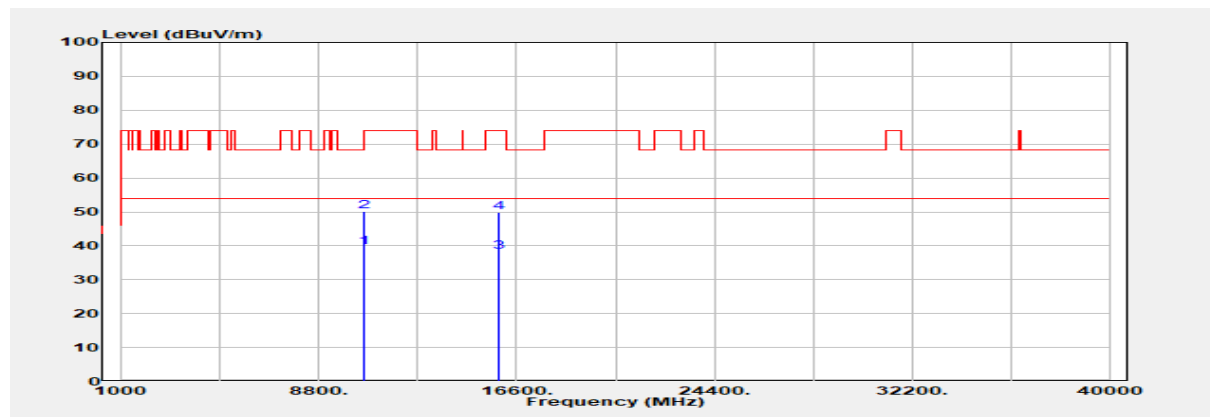
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10600.000	Average	31.02	8.56	39.58	54.00	-14.42
10600.000	Peak	41.62	8.56	50.18	74.00	-23.82
15900.000	Average	32.61	5.73	38.34	54.00	-15.66
15900.000	Peak	44.04	5.73	49.77	74.00	-24.23

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-18

Test Frequency :5320 MHz

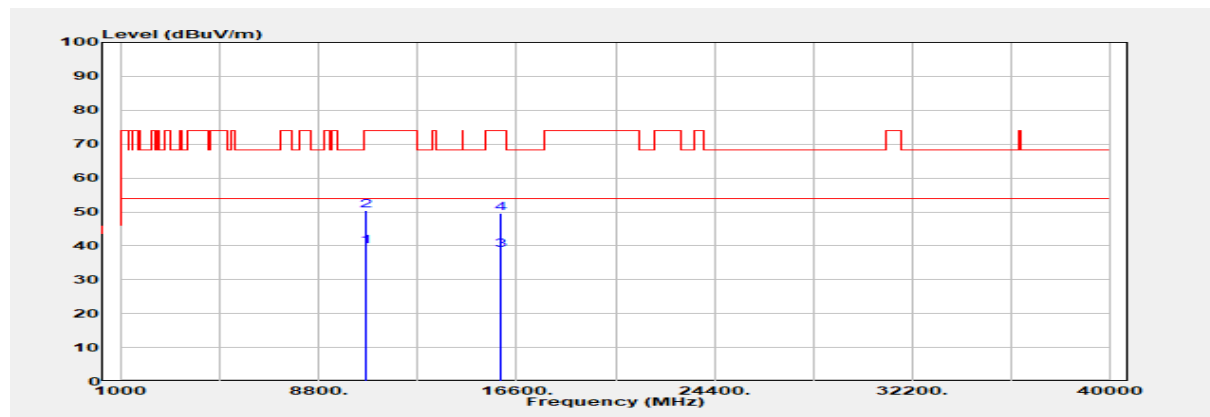
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10640.000	Average	30.83	9.02	39.86	54.00	-14.14
10640.000	Peak	41.31	9.02	50.34	74.00	-23.66
15960.000	Average	32.70	6.06	38.76	54.00	-15.24
15960.000	Peak	43.54	6.06	49.60	74.00	-24.40

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-18

Test Frequency :5320 MHz

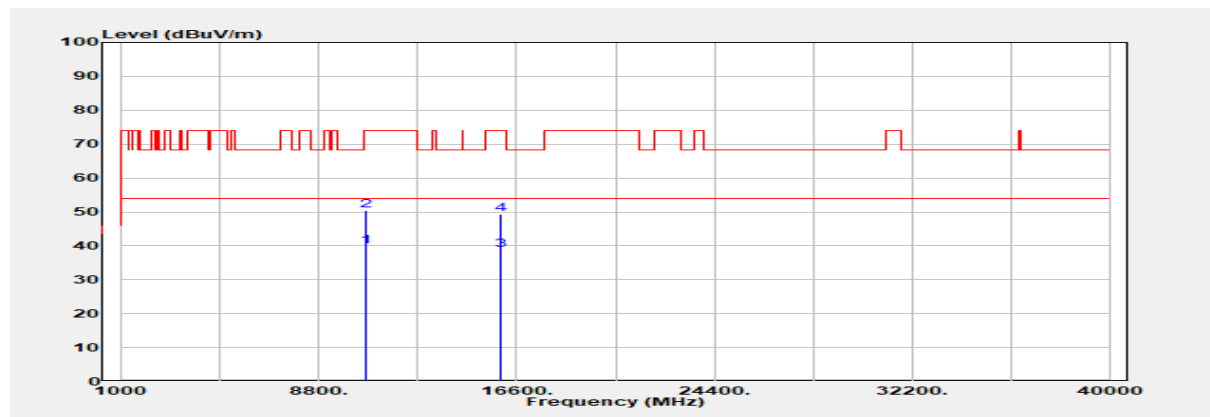
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10640.000	Average	30.80	9.02	39.82	54.00	-14.18
10640.000	Peak	41.26	9.02	50.28	74.00	-23.72
15960.000	Average	32.64	6.06	38.70	54.00	-15.30
15960.000	Peak	43.20	6.06	49.25	74.00	-24.75

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-18

Test Frequency :5500 MHz

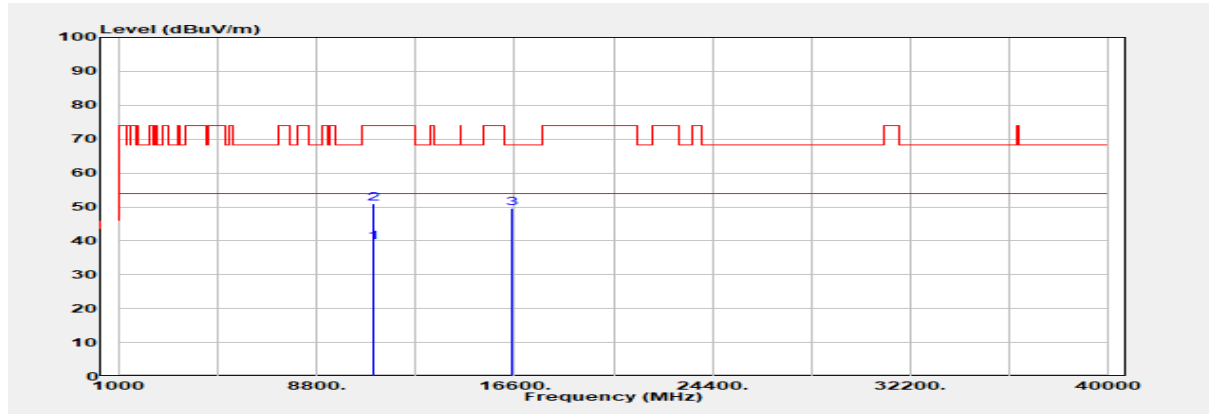
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11000.000	Average	30.43	9.26	39.69	54.00	-14.31
11000.000	Peak	41.76	9.26	51.02	74.00	-22.98
16500.000	Peak	41.46	8.07	49.53	68.20	-18.67

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-18

Test Frequency :5500 MHz

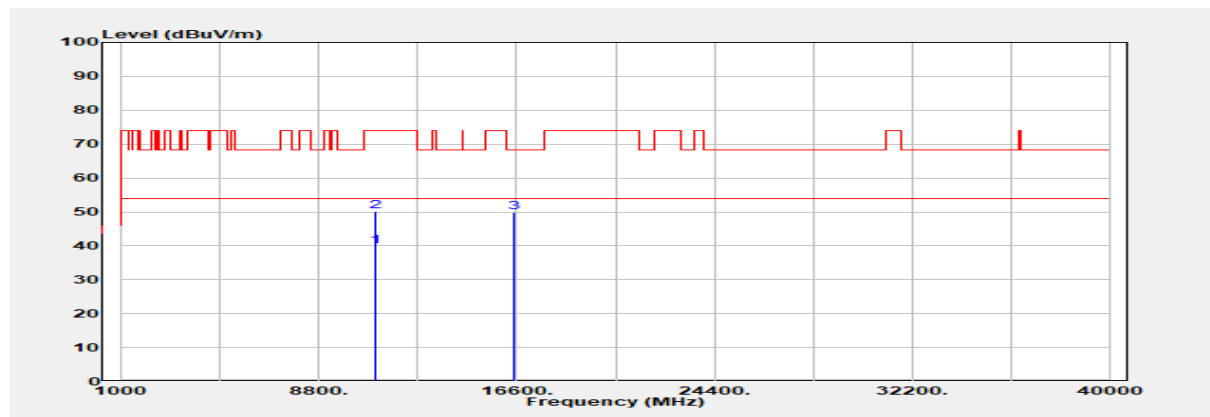
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11000.000	Average	30.57	9.26	39.83	54.00	-14.17
11000.000	Peak	40.88	9.26	50.14	74.00	-23.86
16500.000	Peak	41.67	8.07	49.74	68.20	-18.46

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-18

Test Frequency :5580 MHz

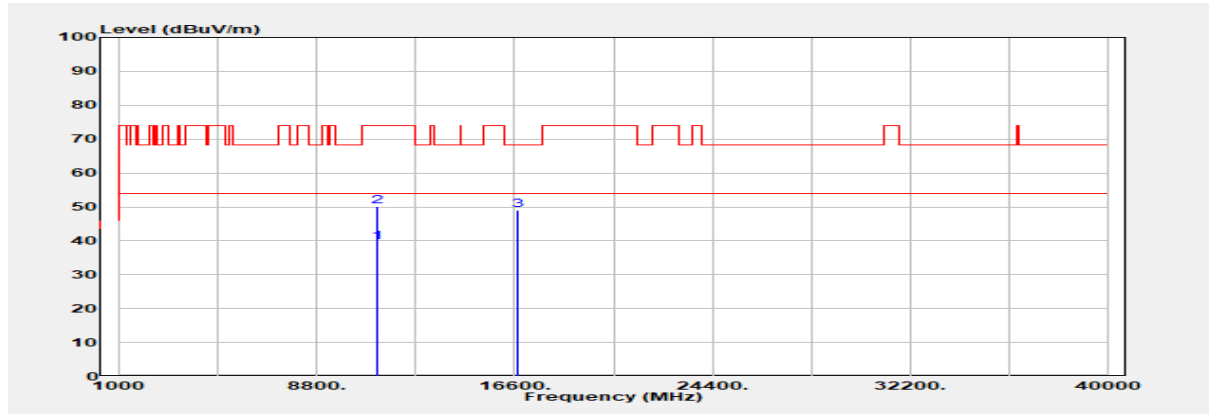
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11160.000	Average	31.08	8.36	39.43	54.00	-14.57
11160.000	Peak	41.69	8.36	50.05	74.00	-23.95
16740.000	Peak	41.09	8.08	49.16	68.20	-19.04

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-18

Test Frequency :5580 MHz

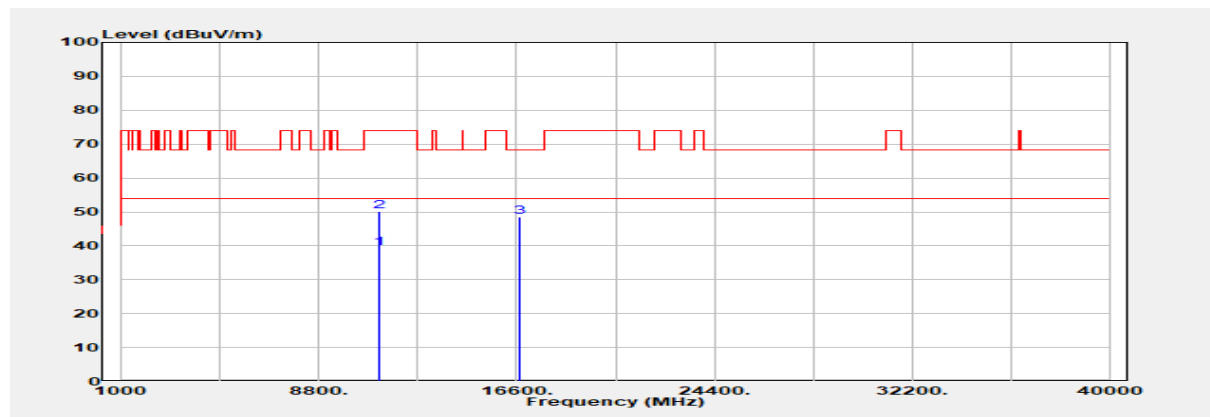
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11160.000	Average	30.94	8.36	39.29	54.00	-14.71
11160.000	Peak	41.67	8.36	50.03	74.00	-23.97
16740.000	Peak	40.42	8.08	48.50	68.20	-19.70

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-18

Test Frequency :5700 MHz

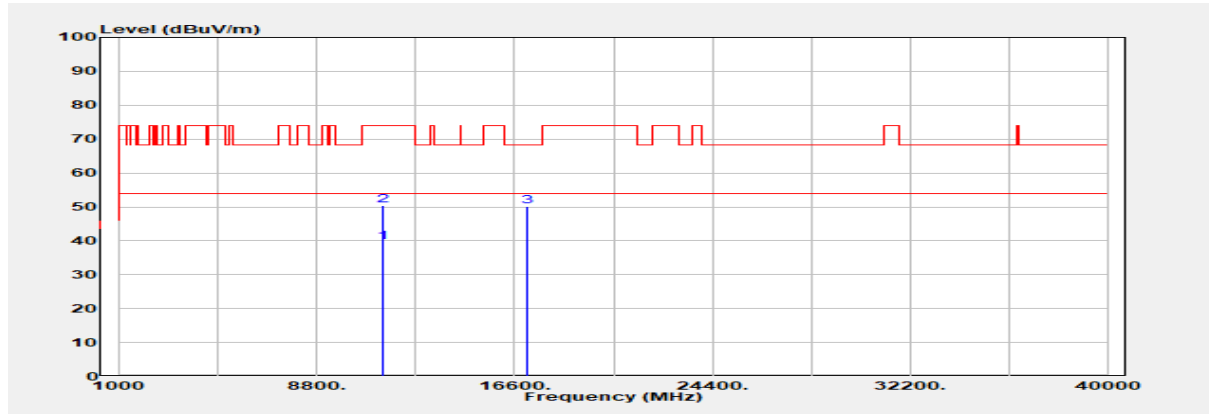
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11400.000	Average	30.89	8.70	39.59	54.00	-14.41
11400.000	Peak	41.76	8.70	50.46	74.00	-23.54
17100.000	Peak	42.05	8.20	50.25	68.20	-17.95

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-18

Test Frequency :5700 MHz

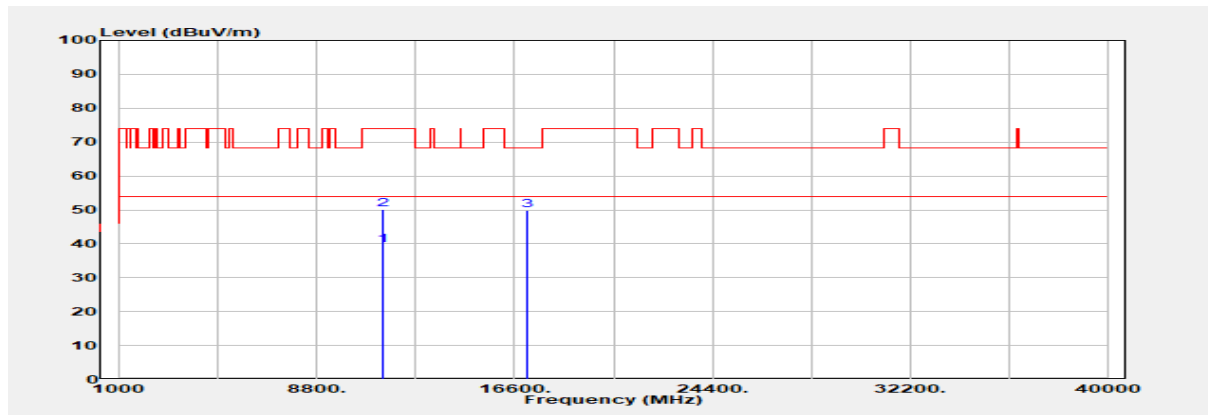
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11400.000	Average	30.97	8.70	39.67	54.00	-14.33
11400.000	Peak	41.42	8.70	50.12	74.00	-23.88
17100.000	Peak	41.54	8.20	49.74	68.20	-18.46

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-18

Test Frequency :5720 MHz

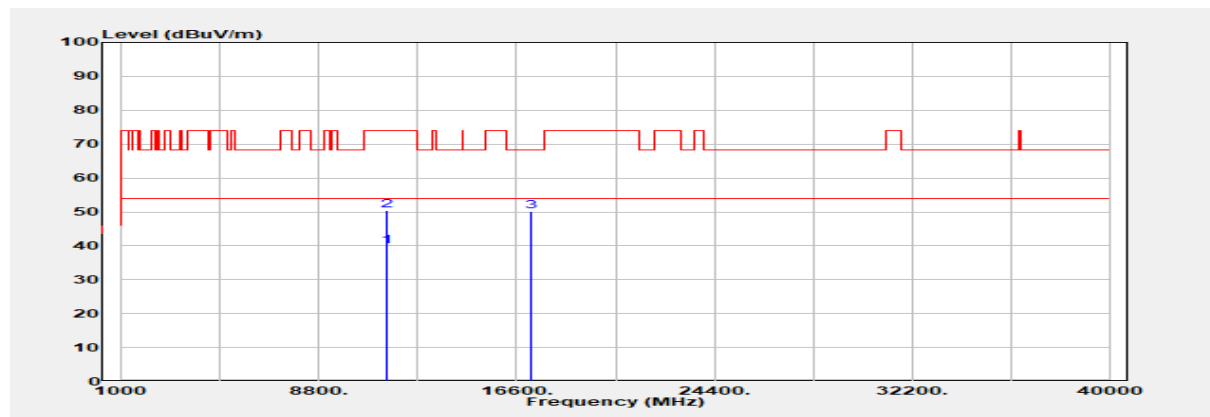
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11440.000	Average	31.21	8.52	39.73	54.00	-14.27
11440.000	Peak	41.88	8.52	50.41	74.00	-23.59
17160.000	Peak	41.53	8.59	50.13	68.20	-18.07

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-18

Test Frequency :5720 MHz

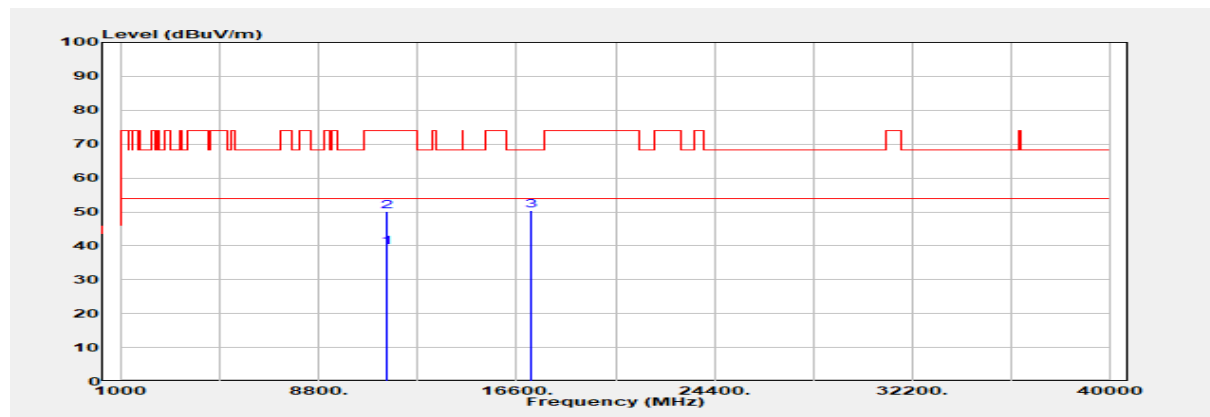
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11440.000	Average	31.10	8.52	39.62	54.00	-14.38
11440.000	Peak	41.49	8.52	50.01	74.00	-23.99
17160.000	Peak	41.90	8.59	50.49	68.20	-17.71

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-18

Test Frequency :5745 MHz

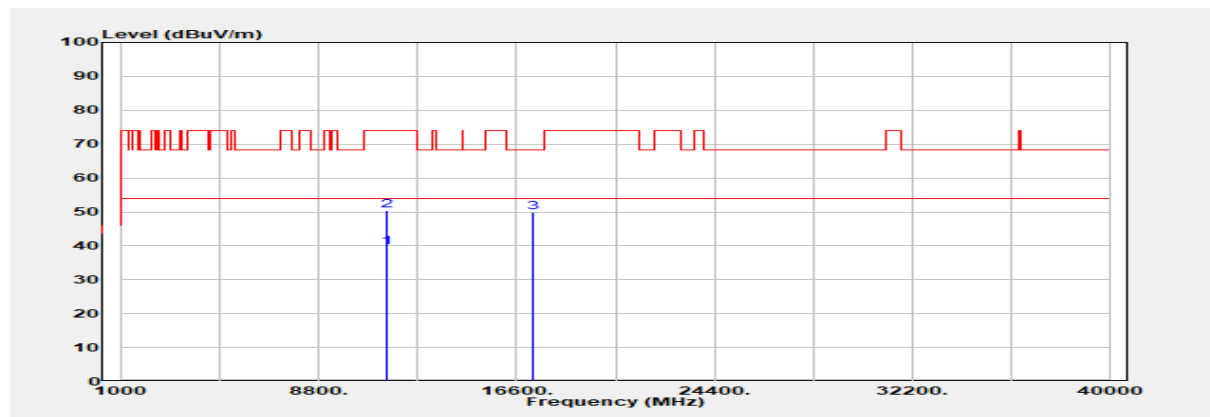
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11490.000	Average	30.86	8.80	39.66	54.00	-14.34
11490.000	Peak	41.52	8.80	50.32	74.00	-23.68
17235.000	Peak	41.15	8.65	49.80	68.20	-18.40

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-18

Test Frequency :5745 MHz

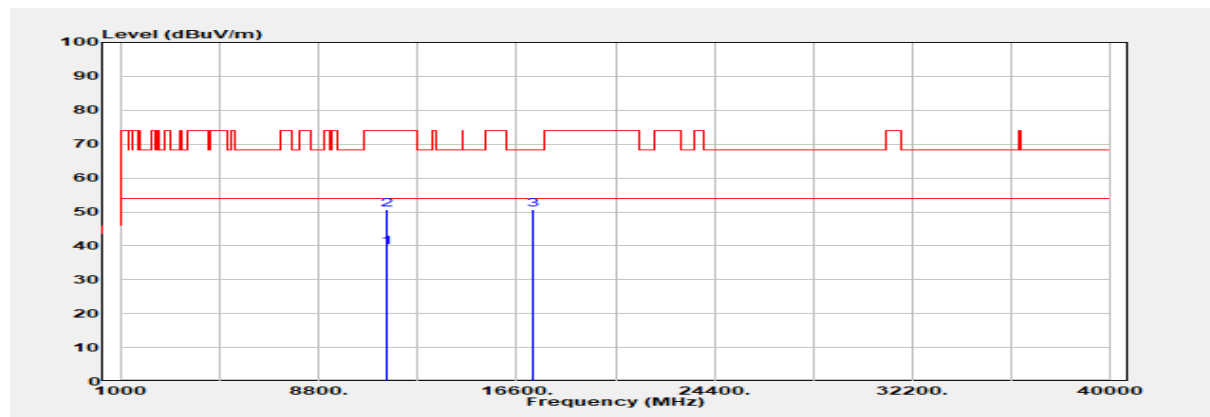
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11490.000	Average	30.75	8.80	39.55	54.00	-14.45
11490.000	Peak	41.77	8.80	50.57	74.00	-23.43
17235.000	Peak	41.98	8.65	50.63	68.20	-17.57

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-18

Test Frequency :5785 MHz

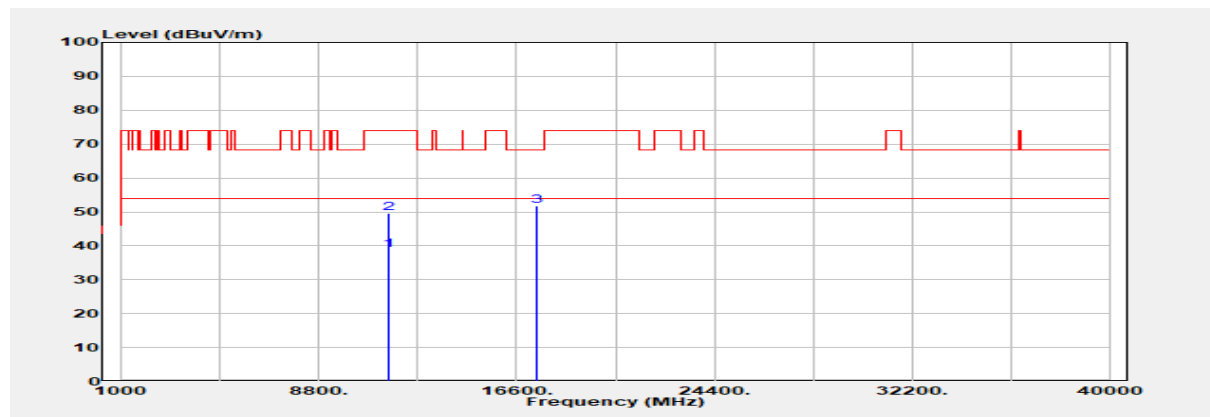
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11570.000	Average	30.80	7.90	38.70	54.00	-15.30
11570.000	Peak	41.75	7.90	49.65	74.00	-24.35
17355.000	Peak	42.15	9.70	51.84	68.20	-16.36

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-18

Test Frequency :5785 MHz

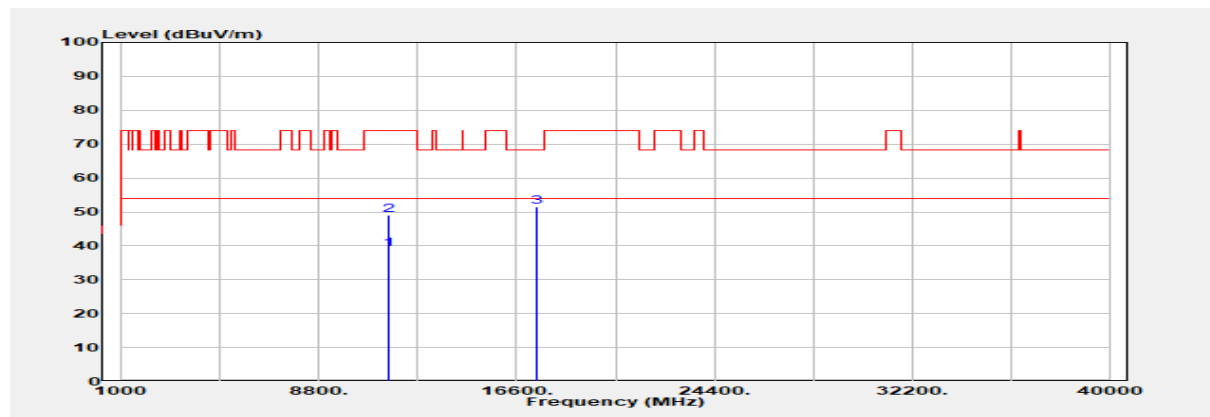
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11570.000	Average	31.03	7.90	38.92	54.00	-15.08
11570.000	Peak	41.21	7.90	49.11	74.00	-24.89
17355.000	Peak	41.68	9.70	51.37	68.20	-16.83

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-18

Test Frequency :5825 MHz

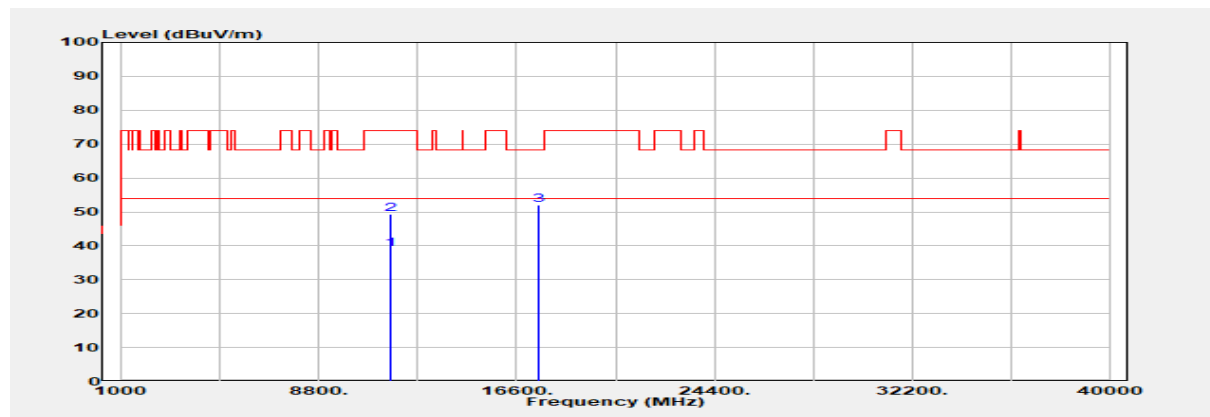
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11650.000	Average	31.22	7.71	38.93	54.00	-15.07
11650.000	Peak	41.64	7.71	49.34	74.00	-24.66
17475.000	Peak	42.15	9.98	52.13	68.20	-16.07

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-18

Test Frequency :5825 MHz

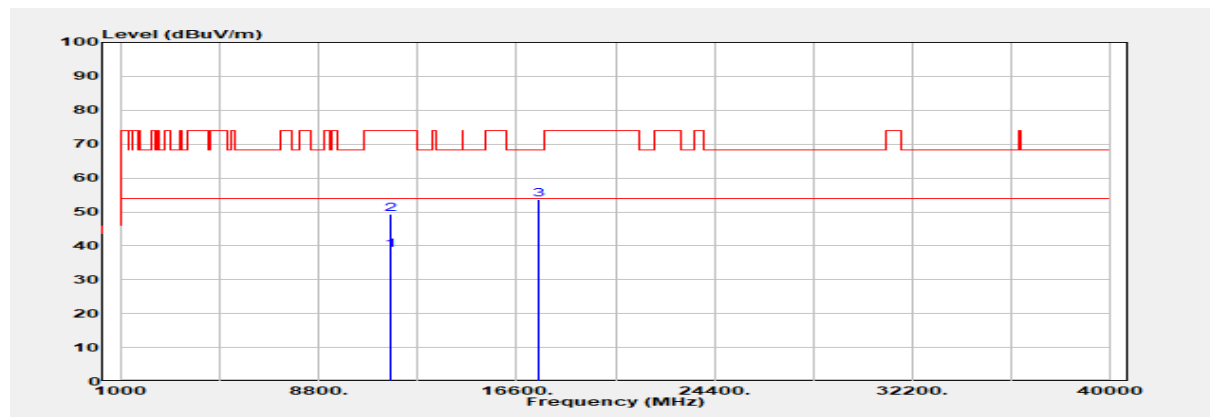
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11650.000	Average	31.17	7.71	38.87	54.00	-15.13
11650.000	Peak	41.60	7.71	49.31	74.00	-24.69
17475.000	Peak	43.62	9.98	53.60	68.20	-14.60

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-18

Test Frequency :5180 MHz

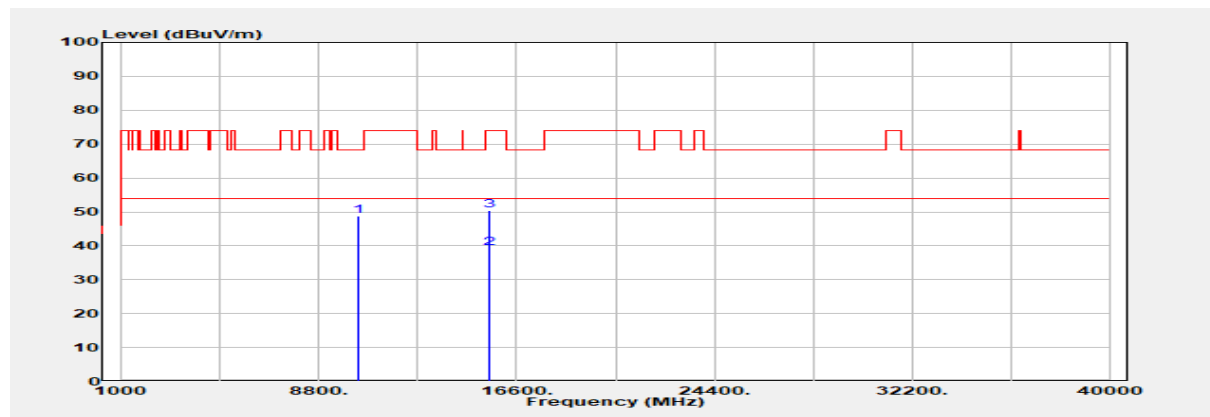
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10360.000	Peak	39.89	8.94	48.83	68.20	-19.37
15540.000	Average	32.81	6.52	39.33	54.00	-14.67
15540.000	Peak	43.89	6.52	50.41	74.00	-23.59

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-18

Test Frequency :5180 MHz

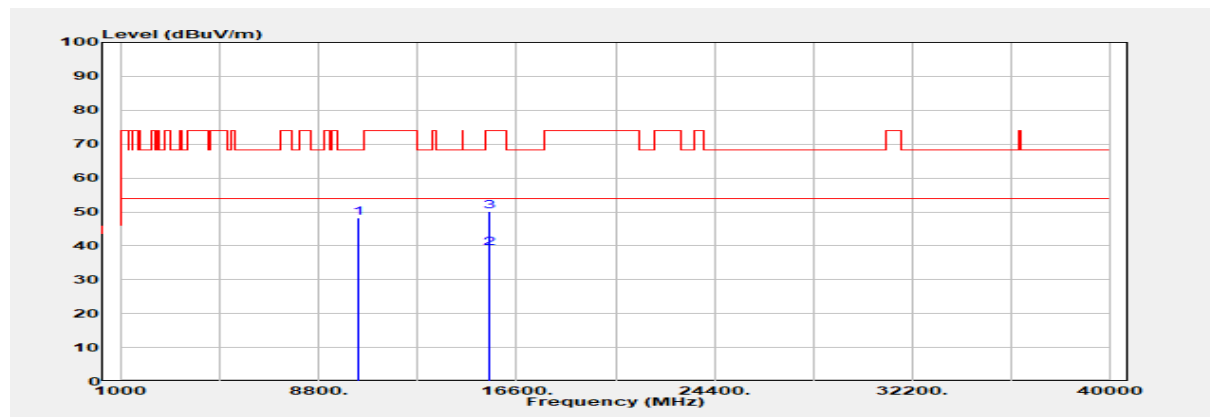
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10360.000	Peak	39.25	8.94	48.20	68.20	-20.00
15540.000	Average	32.78	6.52	39.30	54.00	-14.70
15540.000	Peak	43.66	6.52	50.18	74.00	-23.82

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-18

Test Frequency :5220 MHz

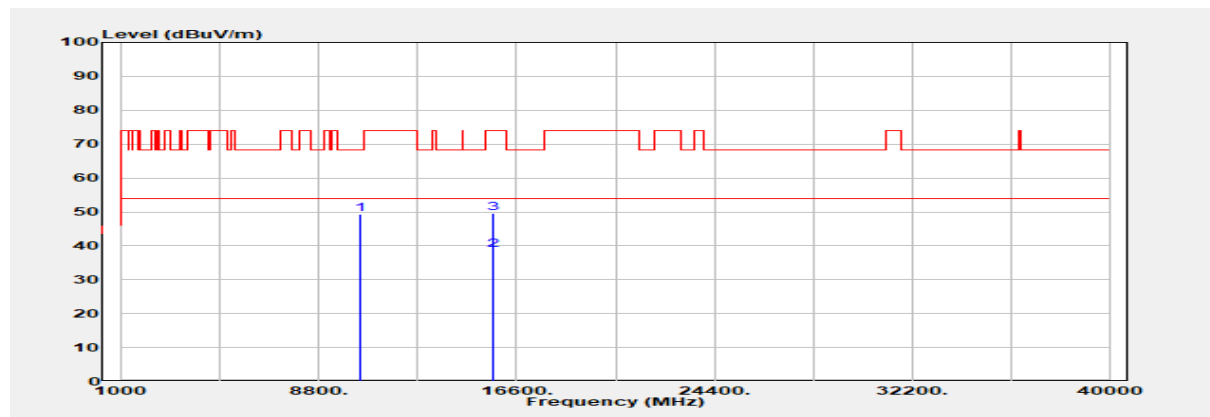
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10440.000	Peak	39.83	9.37	49.20	68.20	-19.00
15660.000	Average	32.85	6.04	38.88	54.00	-15.12
15660.000	Peak	43.59	6.04	49.63	74.00	-24.37

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-18

Test Frequency :5220 MHz

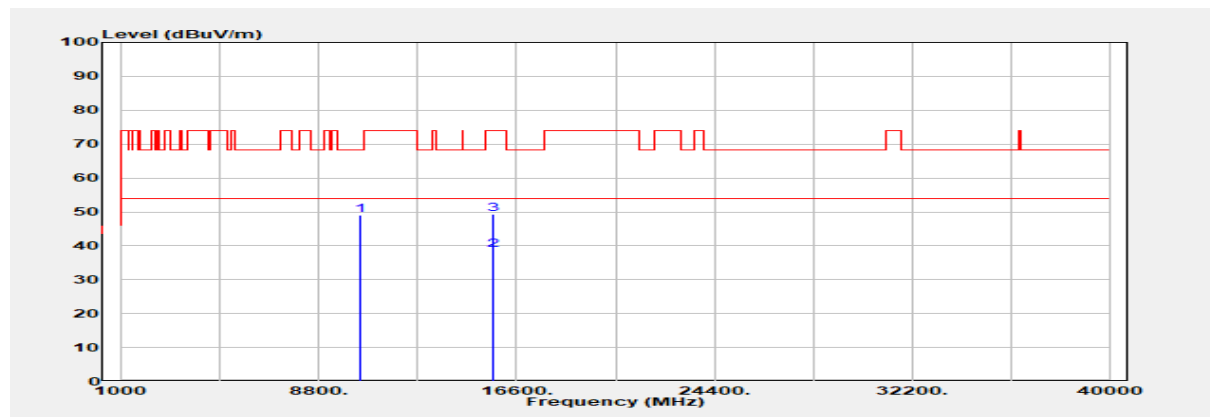
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10440.000	Peak	39.81	9.37	49.18	68.20	-19.02
15660.000	Average	32.73	6.04	38.76	54.00	-15.24
15660.000	Peak	43.34	6.04	49.38	74.00	-24.62

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-18

Test Frequency :5240 MHz

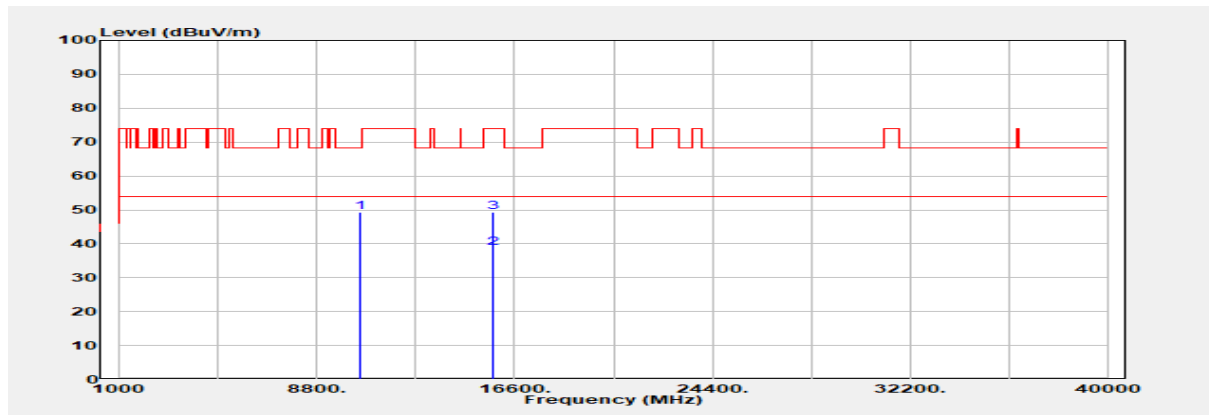
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10480.000	Peak	40.29	9.01	49.30	68.20	-18.90
15720.000	Average	32.66	6.03	38.69	54.00	-15.31
15720.000	Peak	43.37	6.03	49.40	74.00	-24.60

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-18

Test Frequency :5240 MHz

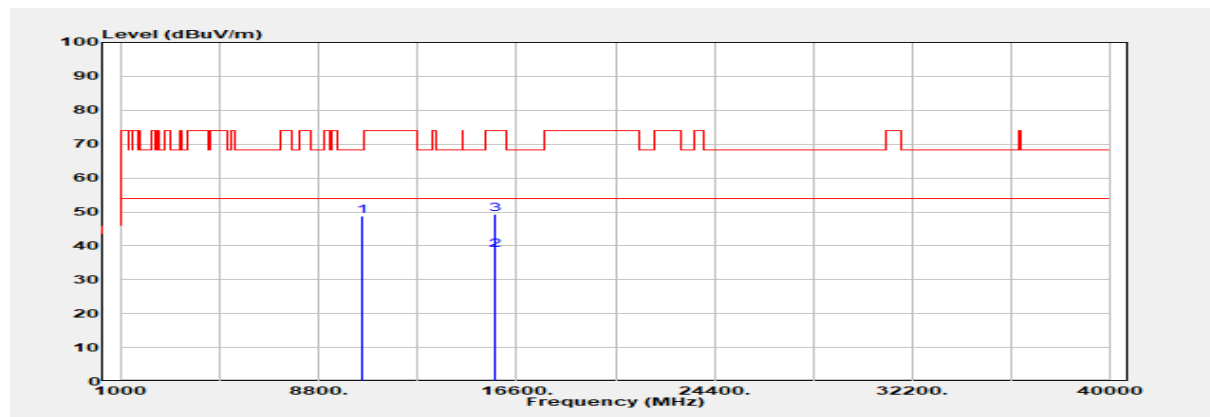
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10480.000	Peak	39.85	9.01	48.86	68.20	-19.34
15720.000	Average	32.70	6.03	38.73	54.00	-15.27
15720.000	Peak	43.21	6.03	49.24	74.00	-24.76

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-18

Test Frequency :5260 MHz

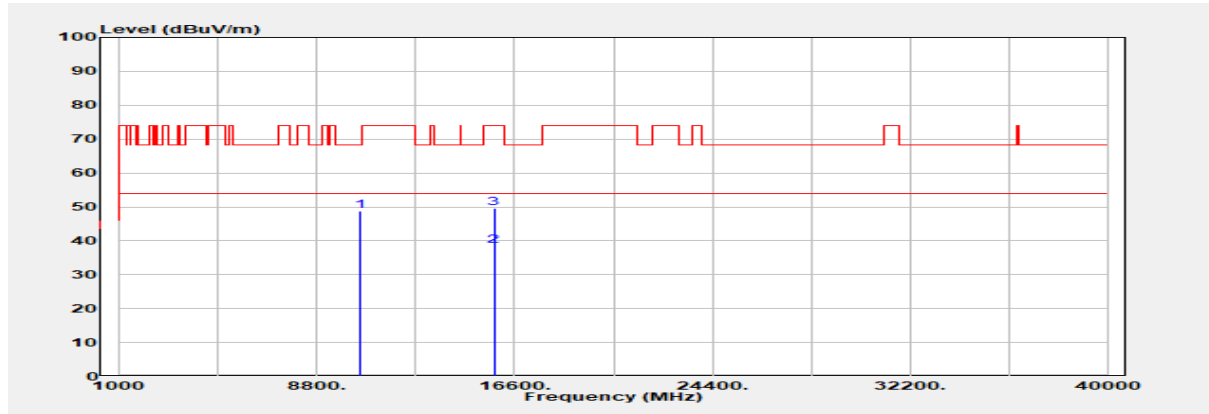
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10520.000	Peak	39.92	8.82	48.74	68.20	-19.46
15780.000	Average	32.91	5.63	38.54	54.00	-15.46
15780.000	Peak	43.87	5.63	49.50	74.00	-24.50

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-18

Test Frequency :5260 MHz

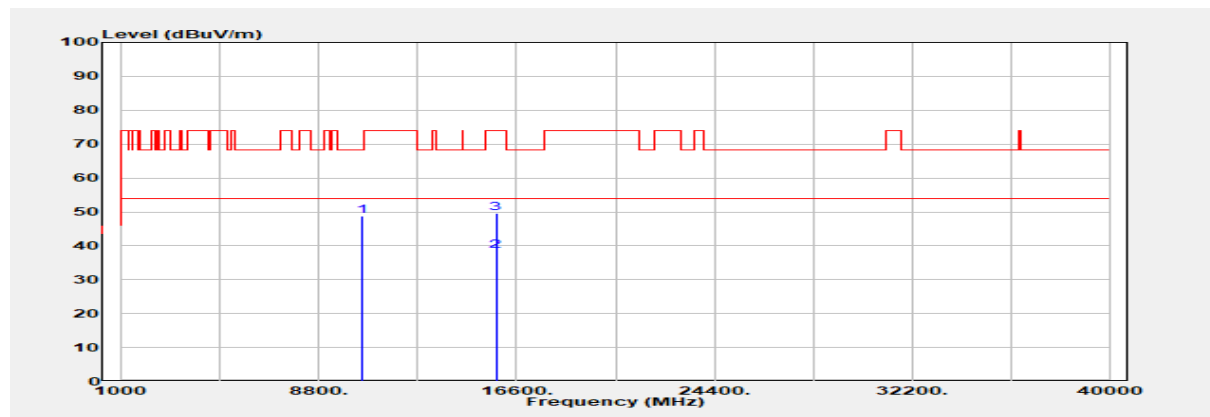
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10520.000	Peak	40.03	8.82	48.85	68.20	-19.35
15780.000	Average	32.96	5.63	38.59	54.00	-15.41
15780.000	Peak	43.93	5.63	49.56	74.00	-24.44

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-18

Test Frequency :5300 MHz

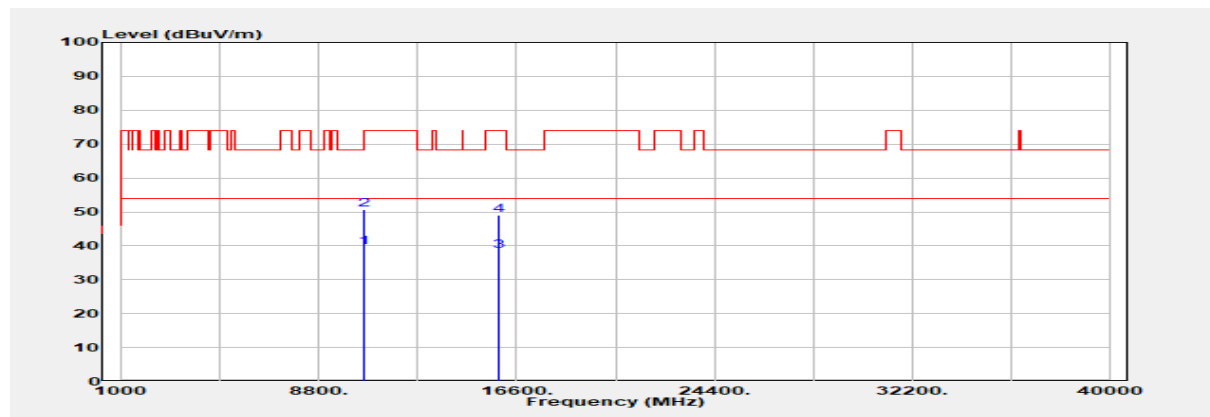
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10600.000	Average	31.05	8.56	39.61	54.00	-14.39
10600.000	Peak	42.01	8.56	50.57	74.00	-23.43
15900.000	Average	32.63	5.73	38.36	54.00	-15.64
15900.000	Peak	43.26	5.73	48.99	74.00	-25.01

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-18

Test Frequency :5300 MHz

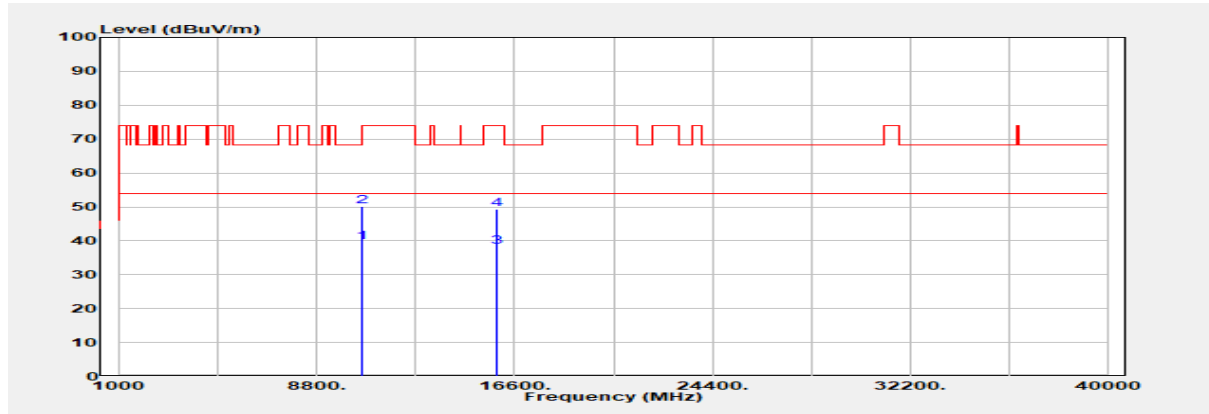
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10600.000	Average	31.08	8.56	39.64	54.00	-14.36
10600.000	Peak	41.61	8.56	50.17	74.00	-23.83
15900.000	Average	32.61	5.73	38.34	54.00	-15.66
15900.000	Peak	43.72	5.73	49.45	74.00	-24.55

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-18

Test Frequency :5320 MHz

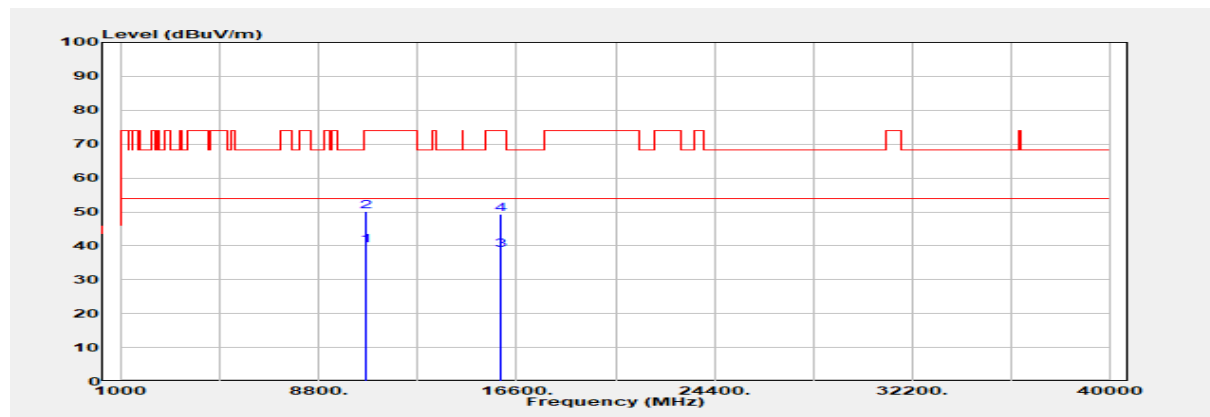
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10640.000	Average	30.96	9.02	39.98	54.00	-14.02
10640.000	Peak	41.10	9.02	50.12	74.00	-23.88
15960.000	Average	32.82	6.06	38.88	54.00	-15.12
15960.000	Peak	43.37	6.06	49.43	74.00	-24.57

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-18

Test Frequency :5320 MHz

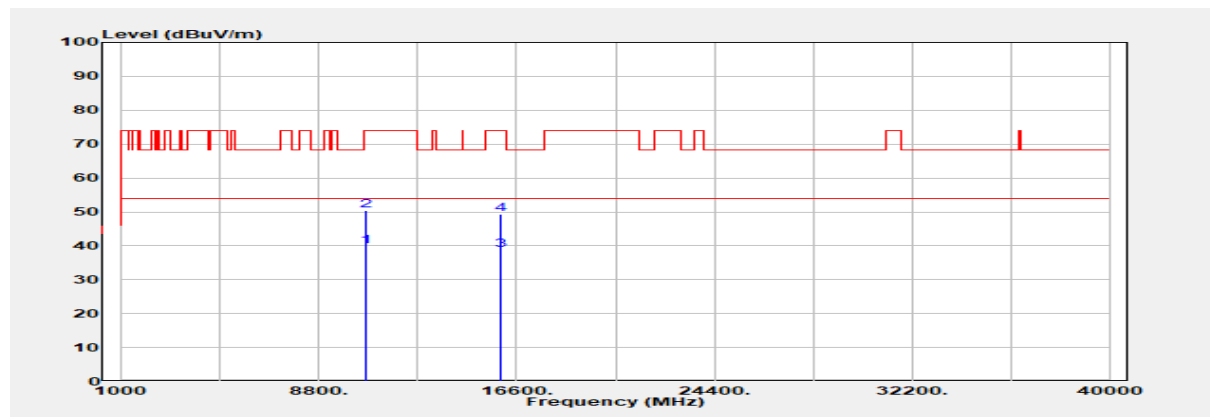
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10640.000	Average	30.80	9.02	39.83	54.00	-14.17
10640.000	Peak	41.28	9.02	50.30	74.00	-23.70
15960.000	Average	32.68	6.06	38.74	54.00	-15.26
15960.000	Peak	43.33	6.06	49.39	74.00	-24.61

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-18

Test Frequency :5500 MHz

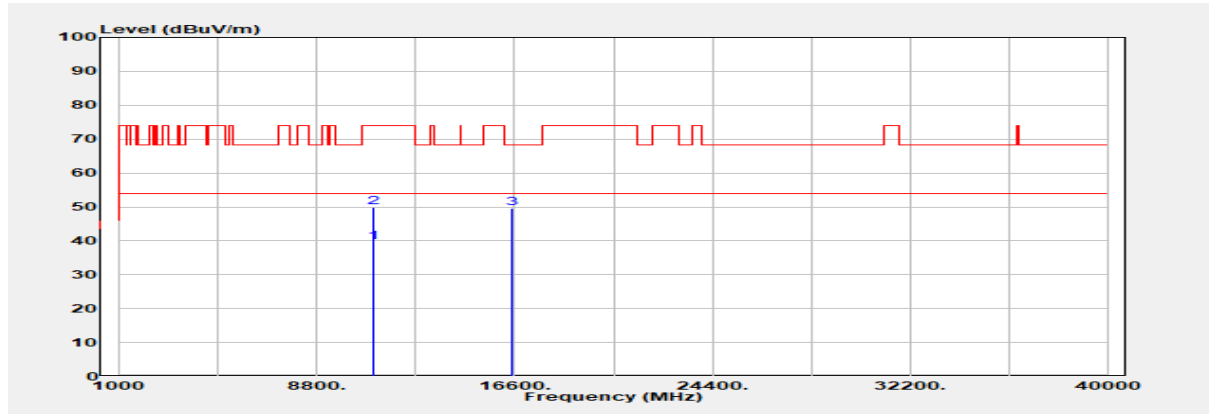
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11000.000	Average	30.42	9.26	39.68	54.00	-14.32
11000.000	Peak	40.74	9.26	50.00	74.00	-24.00
16500.000	Peak	41.41	8.07	49.48	68.20	-18.72

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-18

Test Frequency :5500 MHz

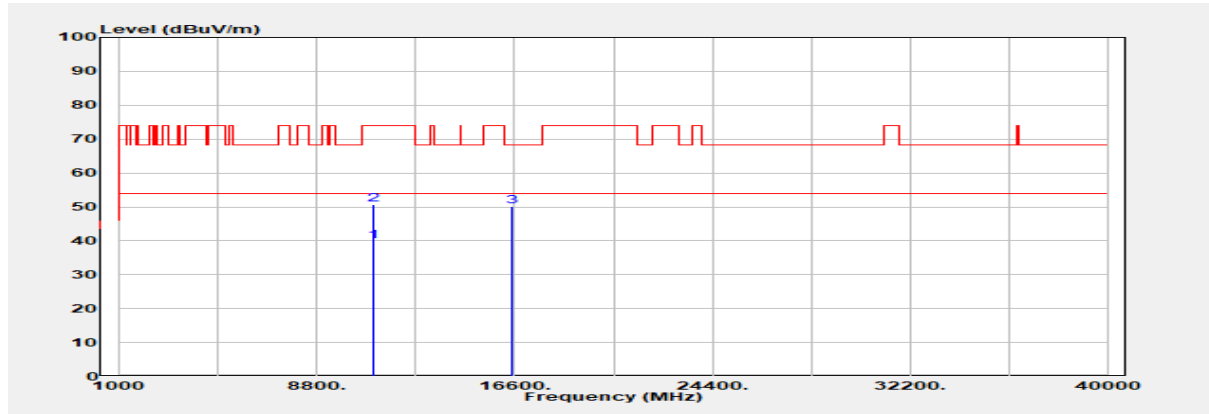
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11000.000	Average	30.60	9.26	39.86	54.00	-14.14
11000.000	Peak	41.35	9.26	50.61	74.00	-23.39
16500.000	Peak	42.13	8.07	50.20	68.20	-18.01

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-18

Test Frequency :5580 MHz

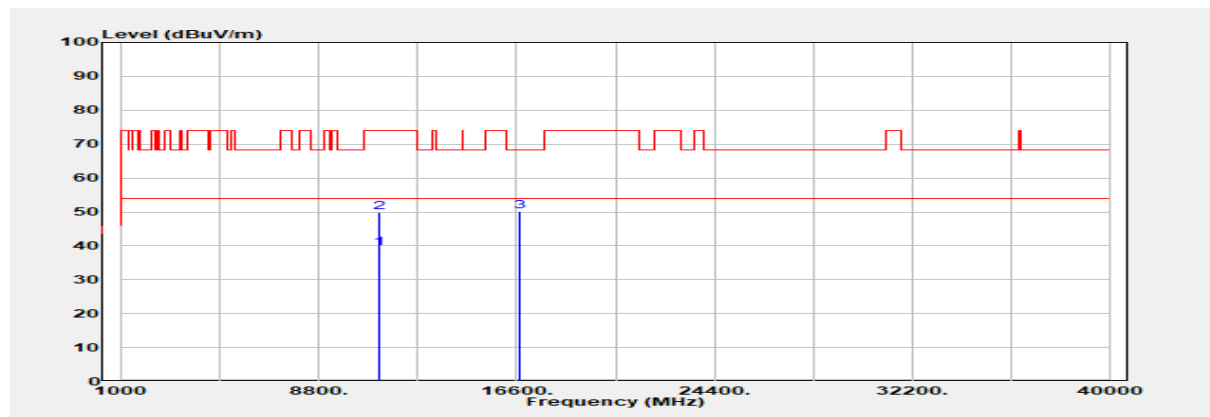
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11160.000	Average	30.89	8.36	39.25	54.00	-14.75
11160.000	Peak	41.43	8.36	49.78	74.00	-24.22
16740.000	Peak	42.04	8.08	50.11	68.20	-18.09

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-18

Test Frequency :5580 MHz

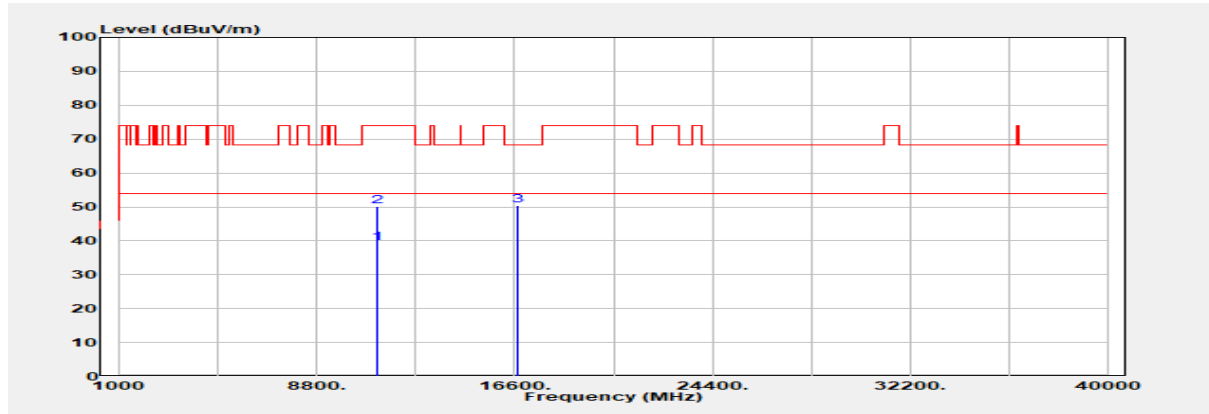
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11160.000	Average	30.94	8.36	39.30	54.00	-14.70
11160.000	Peak	41.82	8.36	50.17	74.00	-23.83
16740.000	Peak	42.37	8.08	50.45	68.20	-17.75

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-18

Test Frequency :5700 MHz

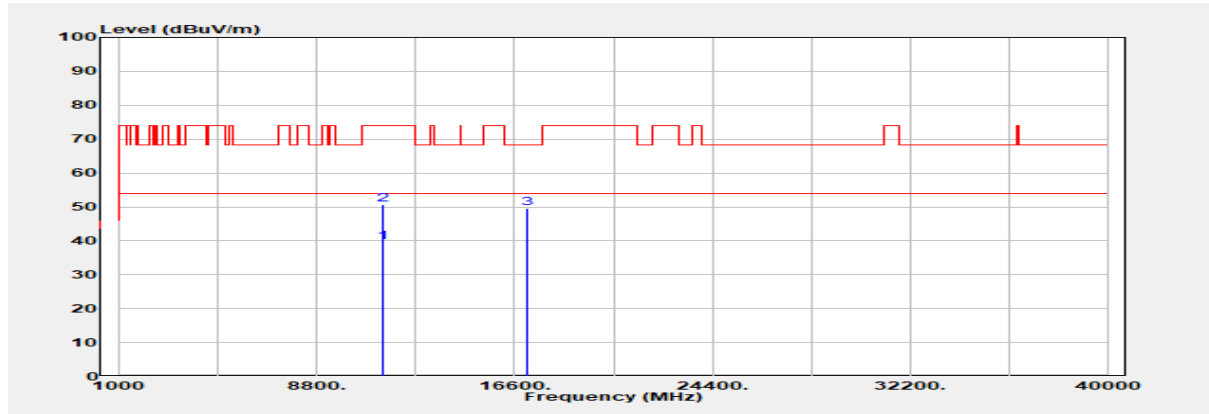
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11400.000	Average	30.82	8.70	39.52	54.00	-14.48
11400.000	Peak	41.87	8.70	50.57	74.00	-23.43
17100.000	Peak	41.38	8.20	49.58	68.20	-18.62

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-18

Test Frequency :5700 MHz

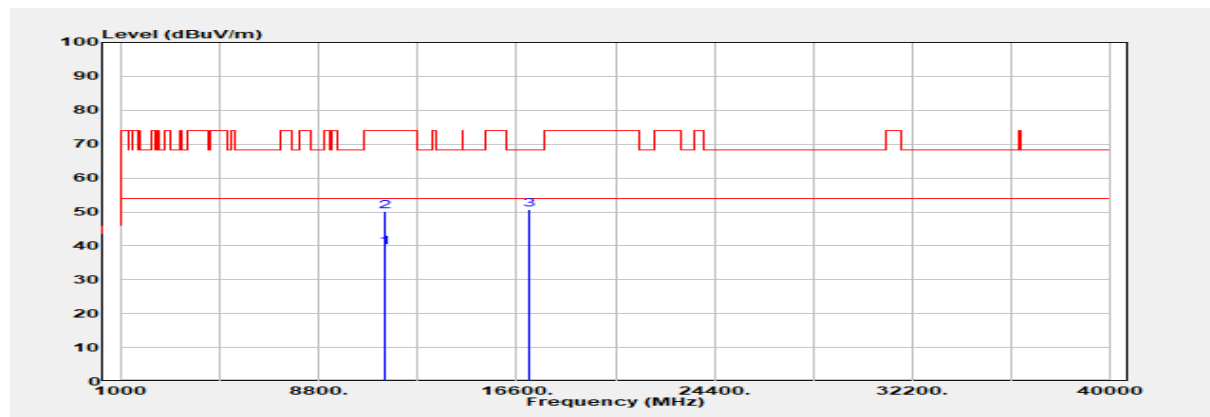
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11400.000	Average	30.88	8.70	39.58	54.00	-14.42
11400.000	Peak	41.47	8.70	50.17	74.00	-23.83
17100.000	Peak	42.38	8.20	50.58	68.20	-17.62

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-18

Test Frequency :5720 MHz

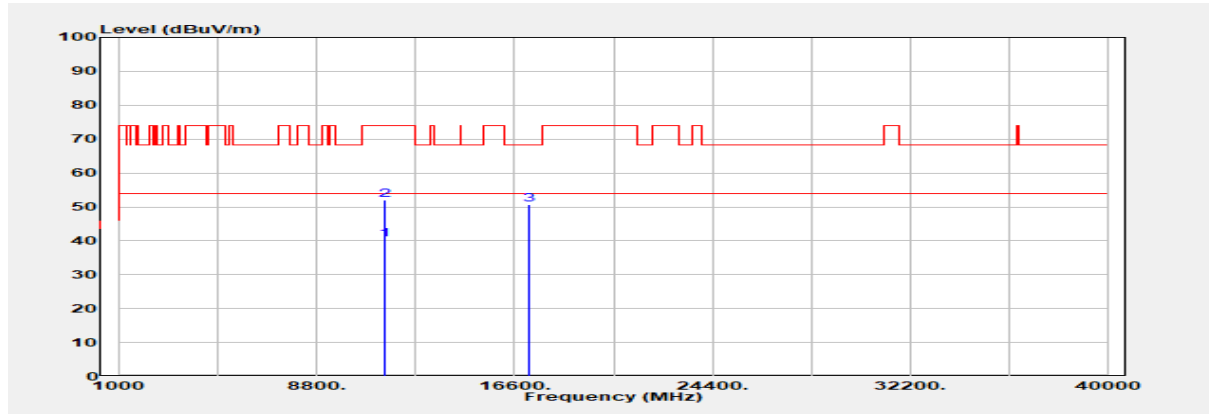
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11440.000	Average	31.79	8.52	40.31	54.00	-13.69
11440.000	Peak	43.51	8.52	52.04	74.00	-21.96
17160.000	Peak	42.14	8.59	50.73	68.20	-17.47

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-18

Test Frequency :5720 MHz

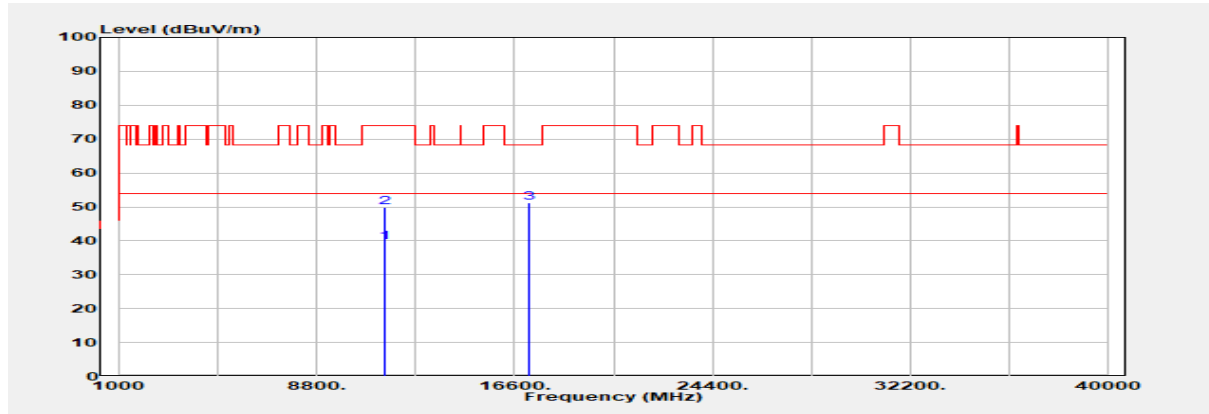
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11440.000	Average	31.16	8.52	39.68	54.00	-14.32
11440.000	Peak	41.41	8.52	49.93	74.00	-24.07
17160.000	Peak	42.73	8.59	51.33	68.20	-16.87

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-18

Test Frequency :5745 MHz

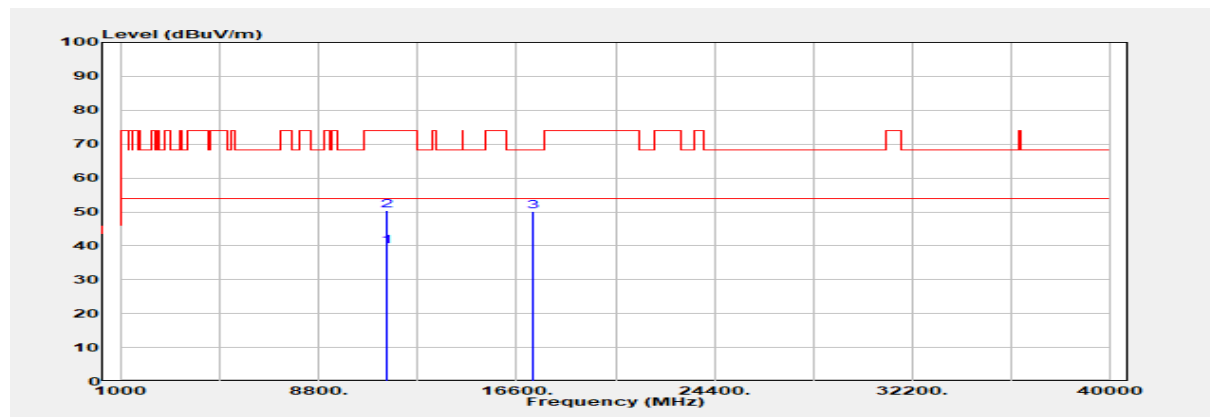
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11490.000	Average	30.90	8.80	39.70	54.00	-14.30
11490.000	Peak	41.59	8.80	50.39	74.00	-23.61
17235.000	Peak	41.57	8.65	50.22	68.20	-17.98

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-18

Test Frequency :5745 MHz

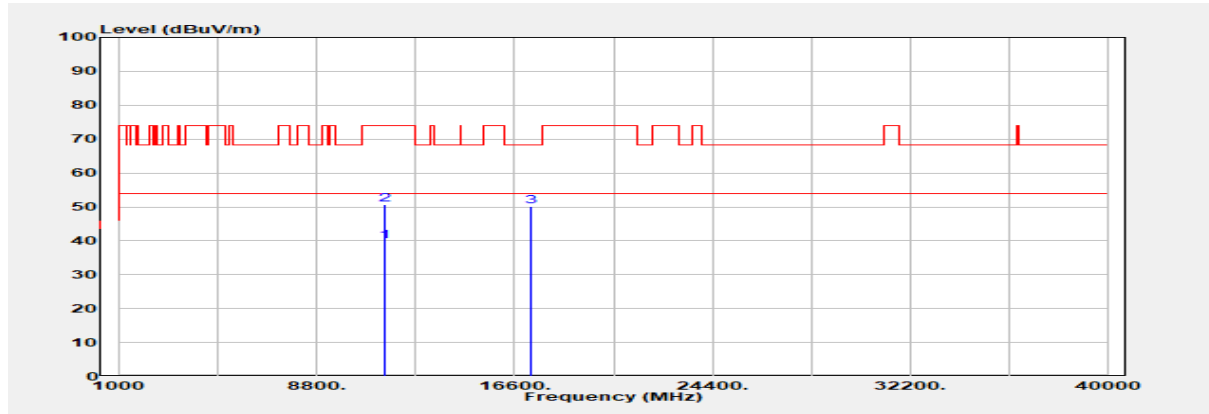
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11490.000	Average	30.92	8.80	39.72	54.00	-14.28
11490.000	Peak	41.87	8.80	50.67	74.00	-23.33
17235.000	Peak	41.61	8.65	50.26	68.20	-17.94

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-18

Test Frequency :5785 MHz

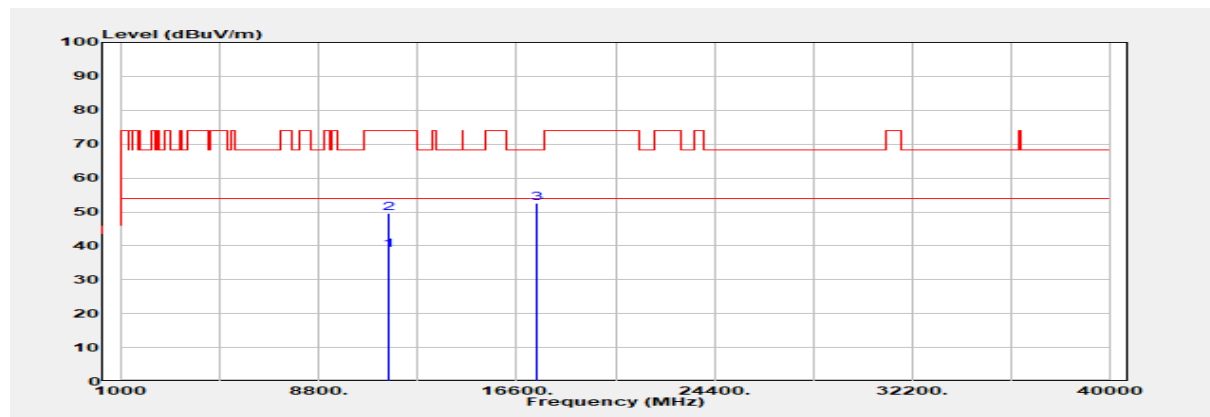
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11570.000	Average	30.92	7.90	38.82	54.00	-15.18
11570.000	Peak	41.61	7.90	49.51	74.00	-24.49
17355.000	Peak	43.00	9.70	52.70	68.20	-15.50

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-18

Test Frequency :5785 MHz

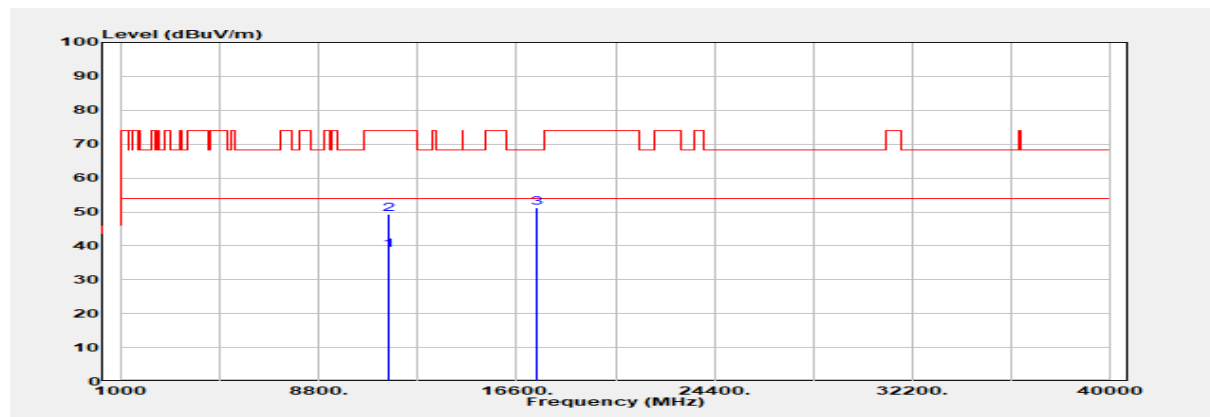
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11570.000	Average	30.92	7.90	38.81	54.00	-15.19
11570.000	Peak	41.35	7.90	49.25	74.00	-24.75
17355.000	Peak	41.54	9.70	51.24	68.20	-16.96

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-18

Test Frequency :5825 MHz

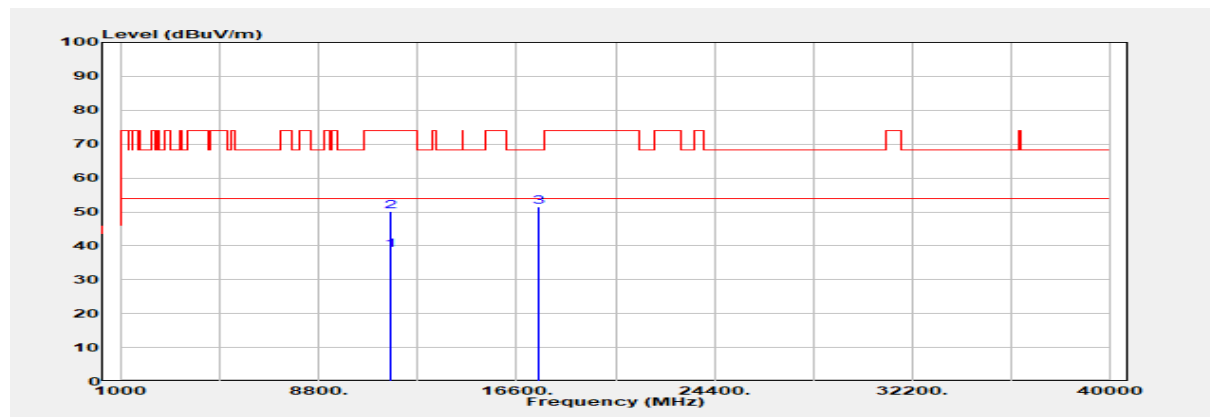
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11650.000	Average	31.15	7.71	38.86	54.00	-15.14
11650.000	Peak	42.40	7.71	50.11	74.00	-23.89
17475.000	Peak	41.50	9.98	51.48	68.20	-16.72

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-18

Test Frequency :5825 MHz

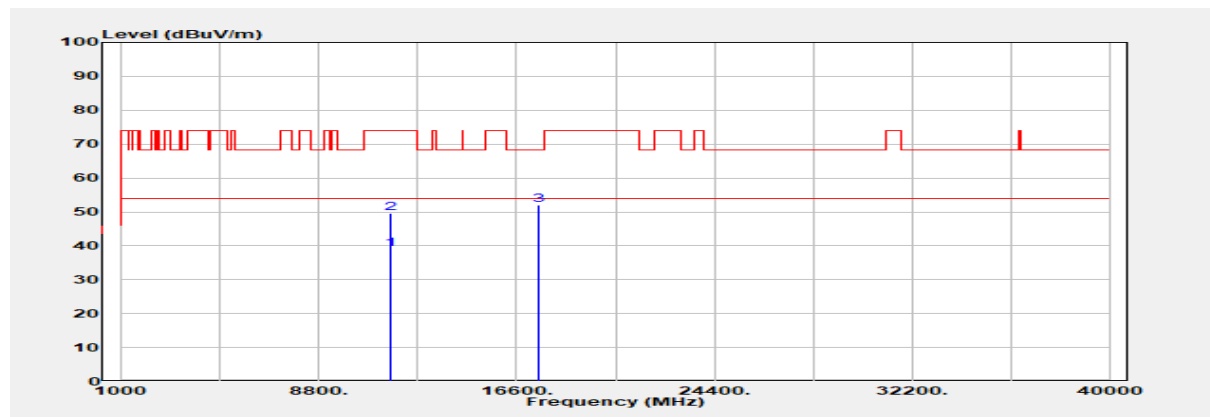
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11650.000	Average	31.24	7.71	38.94	54.00	-15.06
11650.000	Peak	41.92	7.71	49.62	74.00	-24.38
17475.000	Peak	42.18	9.98	52.16	68.20	-16.04

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac40

Test Date :2024-06-18

Test Frequency :5190 MHz

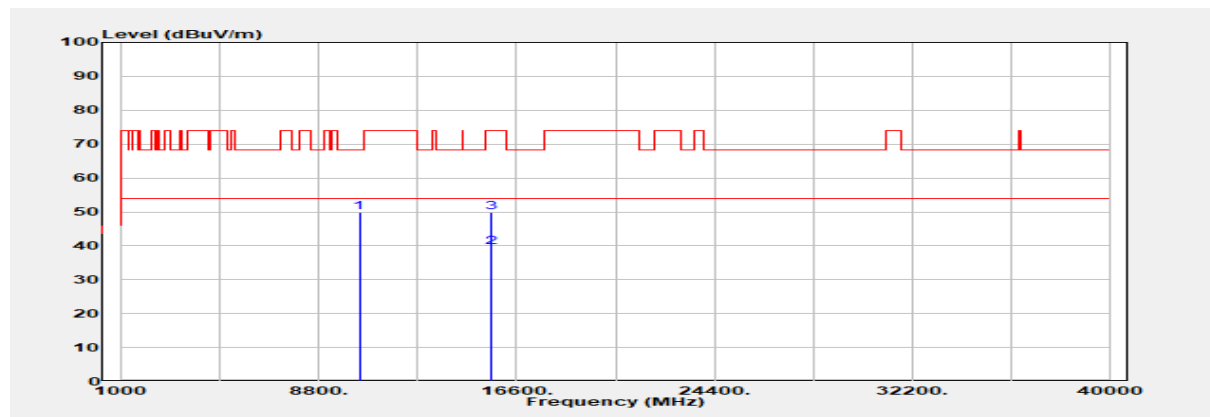
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10380.000	Peak	40.73	9.23	49.96	68.20	-18.24
15570.000	Average	33.27	6.27	39.54	54.00	-14.46
15570.000	Peak	43.67	6.27	49.95	74.00	-24.05

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac40

Test Date :2024-06-18

Test Frequency :5190 MHz

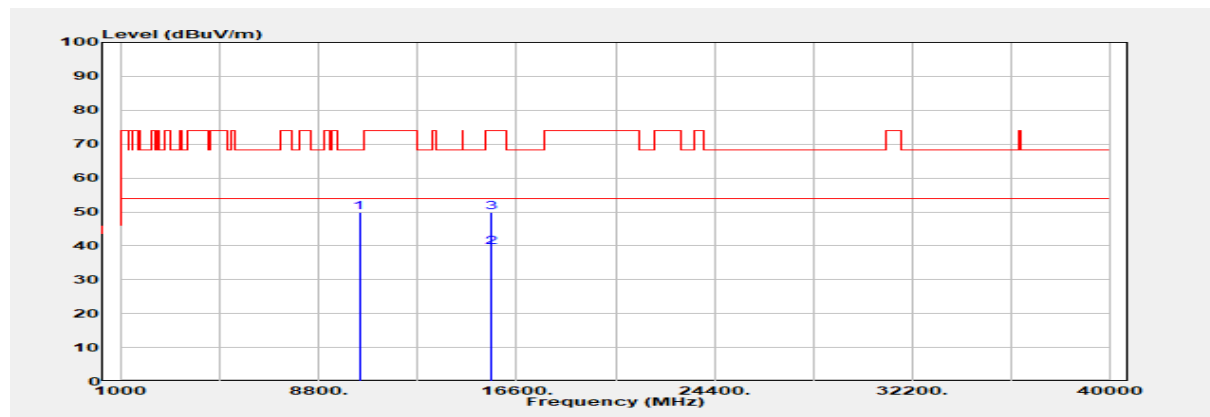
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10380.000	Peak	40.56	9.23	49.79	68.20	-18.41
15570.000	Average	33.36	6.27	39.63	54.00	-14.37
15570.000	Peak	43.69	6.27	49.96	74.00	-24.04

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac40

Test Date :2024-06-18

Test Frequency :5230 MHz

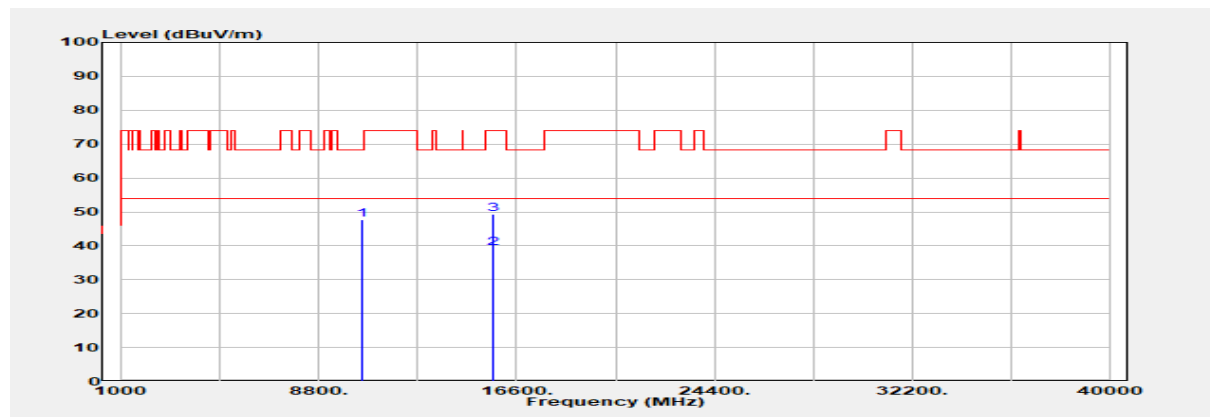
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10460.000	Peak	38.56	9.23	47.78	68.20	-20.42
15690.000	Average	33.06	6.14	39.20	54.00	-14.80
15690.000	Peak	43.19	6.14	49.33	74.00	-24.67

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac40

Test Date :2024-06-18

Test Frequency :5230 MHz

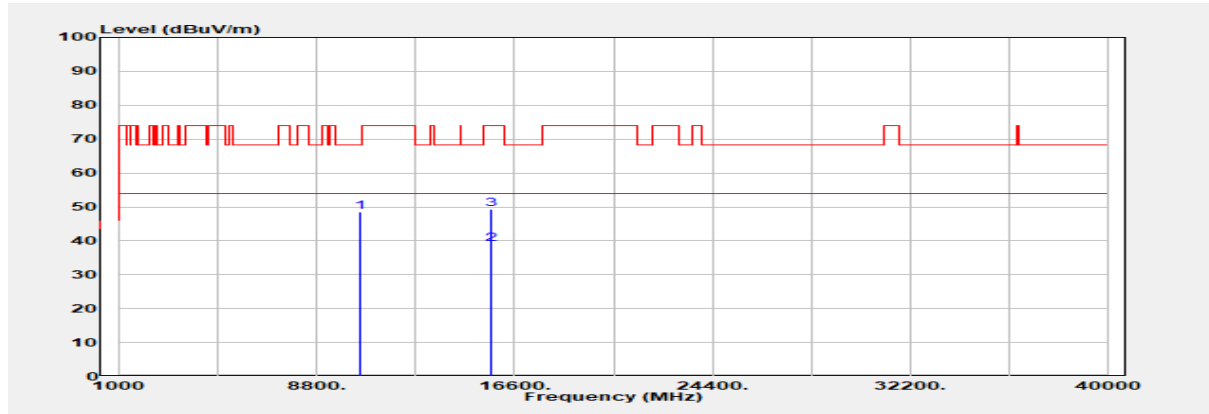
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10460.000	Peak	39.16	9.23	48.39	68.20	-19.81
15690.000	Average	32.93	6.14	39.06	54.00	-14.94
15690.000	Peak	43.27	6.14	49.41	74.00	-24.59

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac40

Test Date :2024-06-18

Test Frequency :5270 MHz

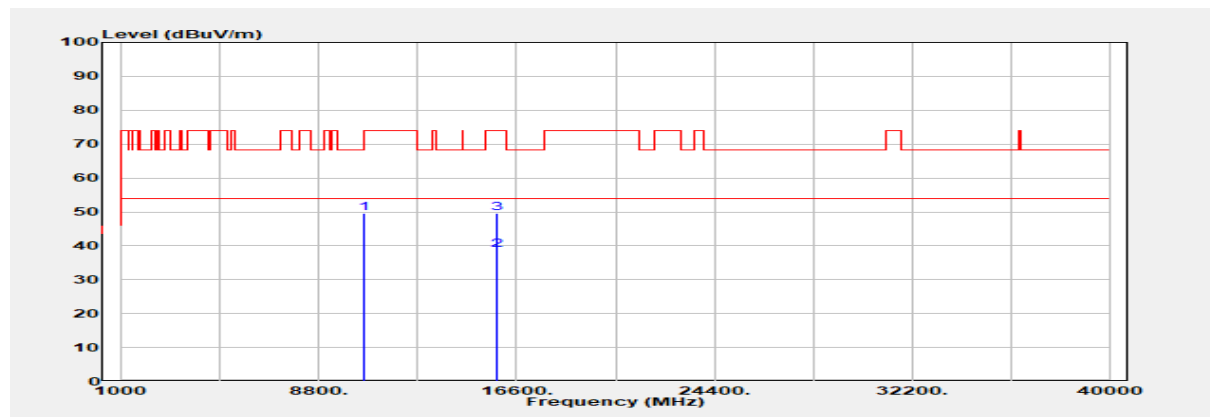
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10540.000	Peak	40.88	8.84	49.72	68.20	-18.48
15810.000	Average	33.14	5.51	38.65	54.00	-15.35
15810.000	Peak	44.14	5.51	49.65	74.00	-24.35

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac40

Test Date :2024-06-18

Test Frequency :5270 MHz

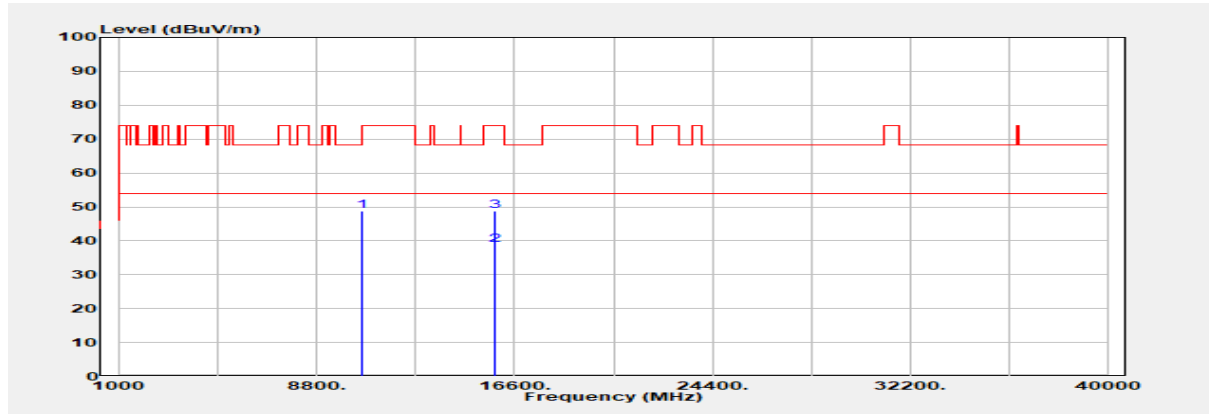
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10540.000	Peak	39.98	8.84	48.82	68.20	-19.38
15810.000	Average	33.27	5.51	38.78	54.00	-15.22
15810.000	Peak	43.36	5.51	48.87	74.00	-25.13

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac40

Test Date :2024-06-18

Test Frequency :5310 MHz

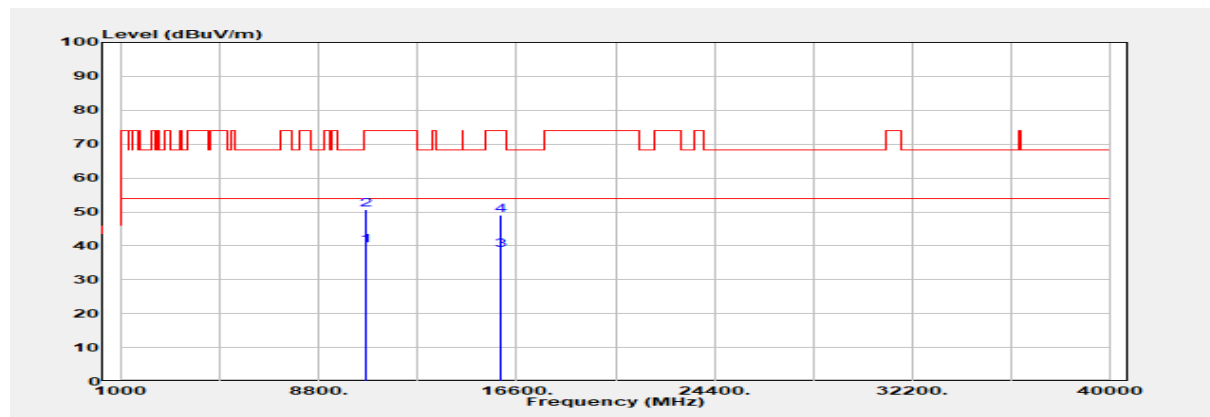
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10620.000	Average	31.34	8.79	40.13	54.00	-13.87
10620.000	Peak	41.82	8.79	50.61	74.00	-23.39
15930.000	Average	32.96	5.90	38.86	54.00	-15.14
15930.000	Peak	43.24	5.90	49.15	74.00	-24.85

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac40

Test Date :2024-06-18

Test Frequency :5310 MHz

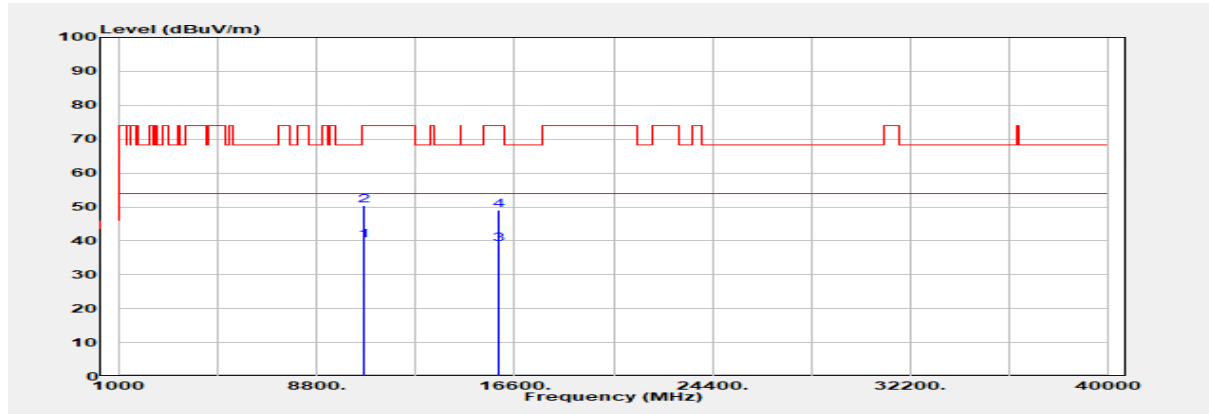
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10620.000	Average	31.38	8.79	40.17	54.00	-13.83
10620.000	Peak	41.56	8.79	50.35	74.00	-23.65
15930.000	Average	32.99	5.90	38.89	54.00	-15.11
15930.000	Peak	43.14	5.90	49.04	74.00	-24.96

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac40

Test Date :2024-06-18

Test Frequency :5510 MHz

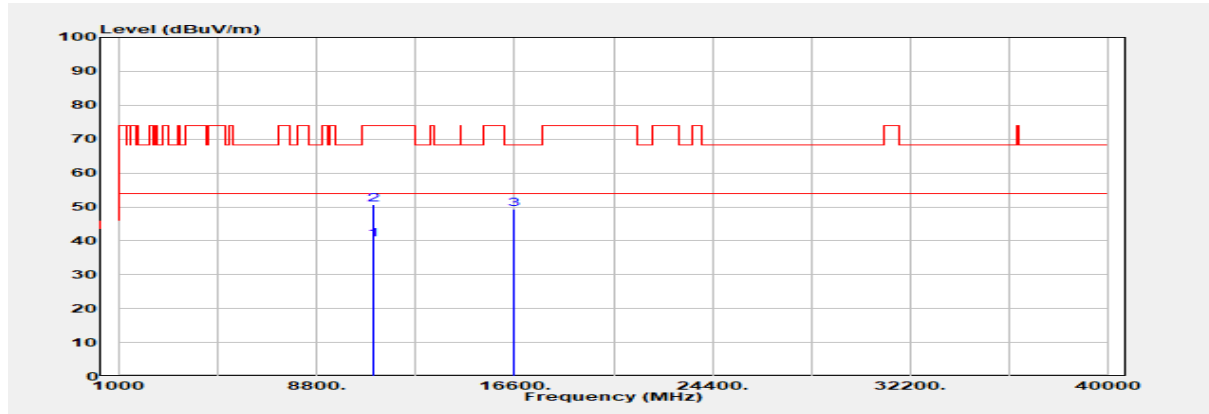
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11020.000	Average	31.44	8.88	40.32	54.00	-13.68
11020.000	Peak	41.74	8.88	50.63	74.00	-23.37
16530.000	Peak	41.47	7.96	49.43	68.20	-18.77

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac40

Test Date :2024-06-18

Test Frequency :5510 MHz

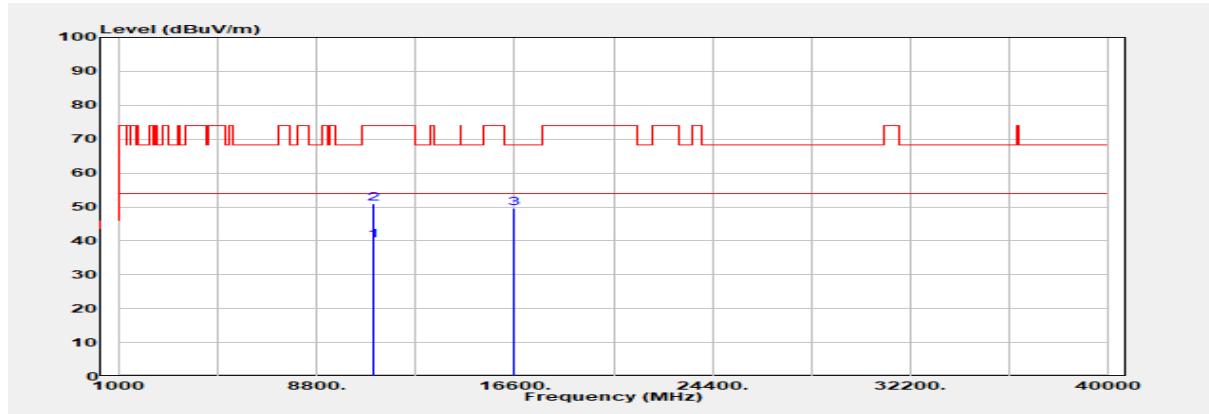
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11020.000	Average	31.24	8.88	40.12	54.00	-13.88
11020.000	Peak	41.95	8.88	50.83	74.00	-23.17
16530.000	Peak	41.64	7.96	49.60	68.20	-18.60

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac40

Test Date :2024-06-18

Test Frequency :5550 MHz

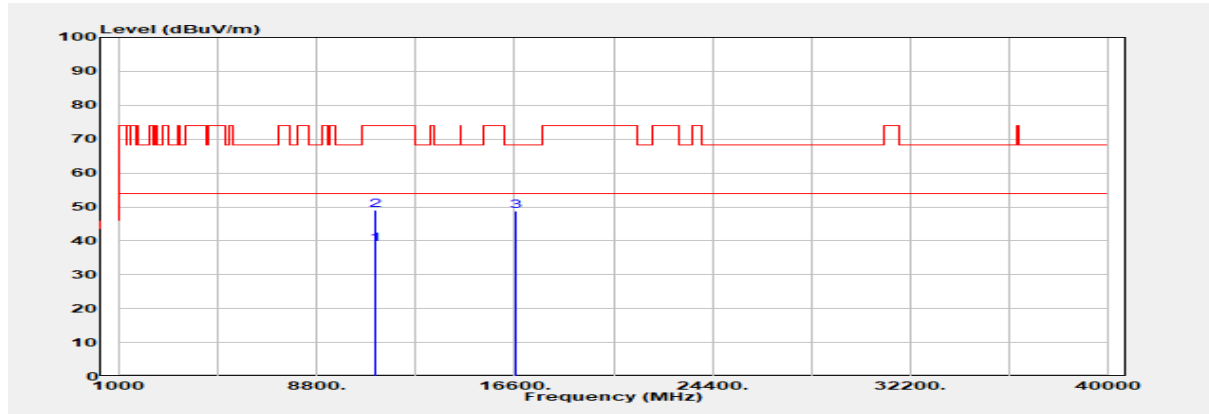
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11100.000	Average	31.24	7.87	39.11	54.00	-14.89
11100.000	Peak	41.28	7.87	49.15	74.00	-24.85
16650.000	Peak	41.05	7.78	48.83	68.20	-19.37

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac40

Test Date :2024-06-18

Test Frequency :5550 MHz

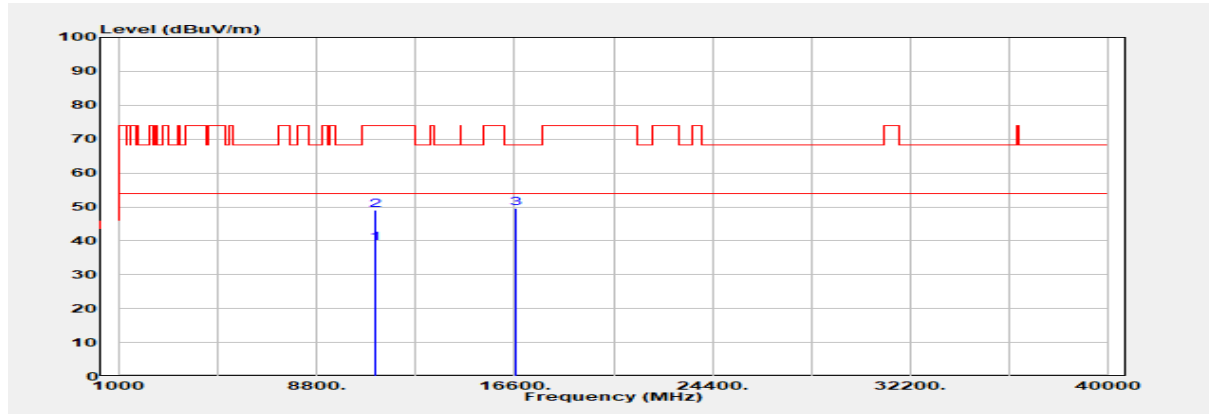
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11100.000	Average	31.31	7.87	39.18	54.00	-14.82
11100.000	Peak	41.29	7.87	49.16	74.00	-24.84
16650.000	Peak	41.90	7.78	49.68	68.20	-18.52

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac40

Test Date :2024-06-18

Test Frequency :5670 MHz

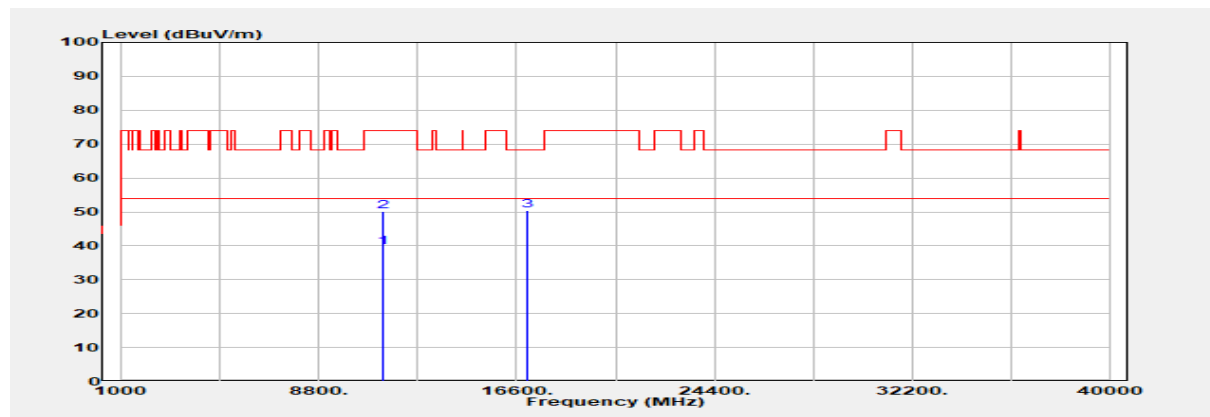
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11340.000	Average	31.37	8.26	39.63	54.00	-14.37
11340.000	Peak	41.94	8.26	50.20	74.00	-23.80
17010.000	Peak	41.85	8.67	50.52	68.20	-17.68

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac40

Test Date :2024-06-18

Test Frequency :5670 MHz

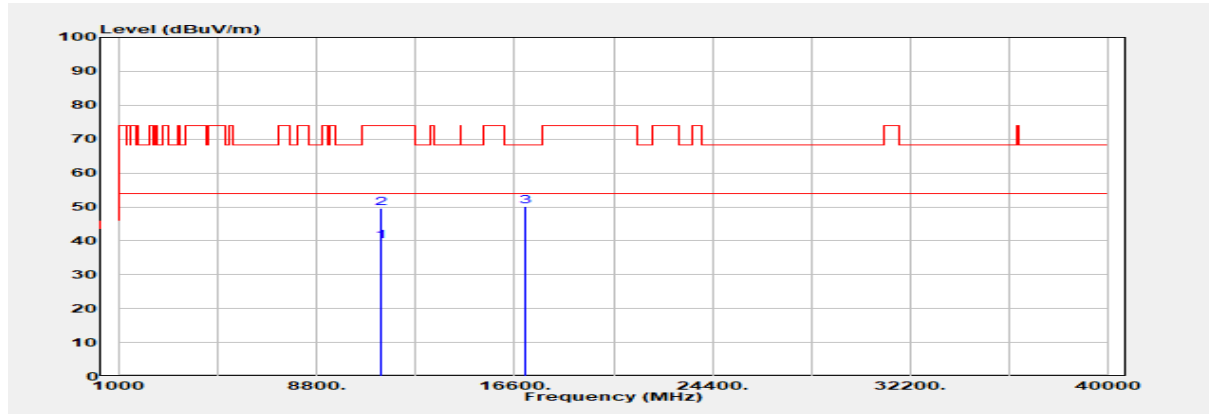
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11340.000	Average	31.69	8.26	39.95	54.00	-14.05
11340.000	Peak	41.46	8.26	49.72	74.00	-24.28
17010.000	Peak	41.50	8.67	50.17	68.20	-18.03

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac40

Test Date :2024-06-18

Test Frequency :5710 MHz

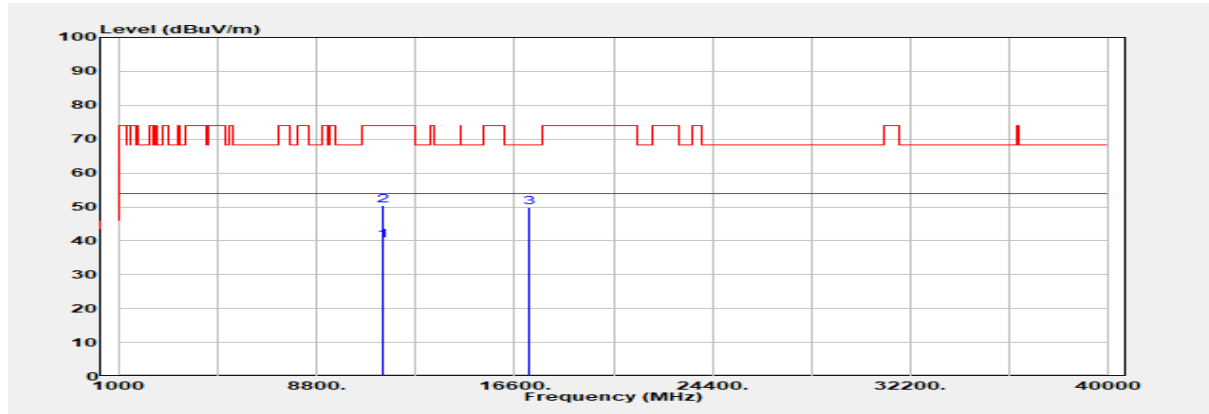
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11420.000	Average	31.43	8.61	40.04	54.00	-13.96
11420.000	Peak	41.74	8.61	50.36	74.00	-23.64
17130.000	Peak	41.48	8.42	49.90	68.20	-18.30

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac40

Test Date :2024-06-18

Test Frequency :5710 MHz

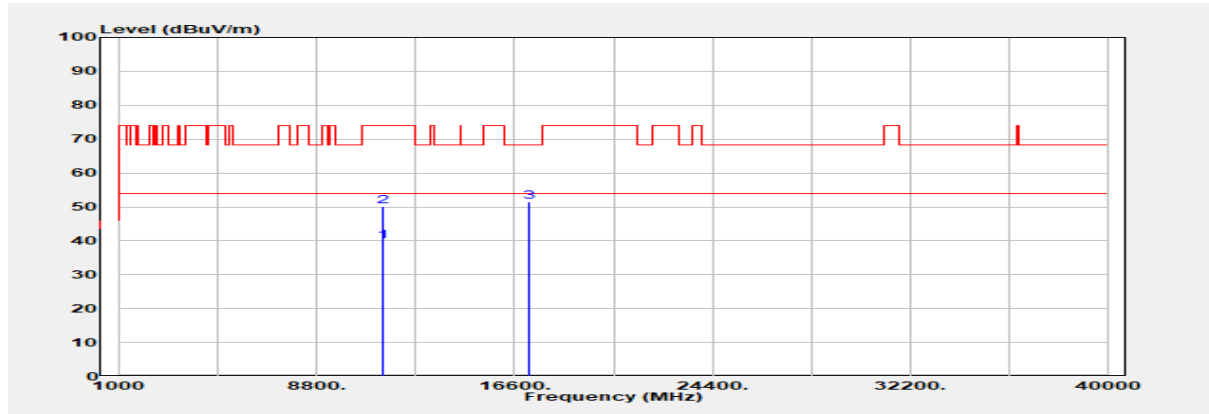
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11420.000	Average	31.16	8.61	39.77	54.00	-14.23
11420.000	Peak	41.47	8.61	50.08	74.00	-23.92
17130.000	Peak	43.13	8.42	51.54	68.20	-16.66

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac40

Test Date :2024-06-18

Test Frequency :5755 MHz

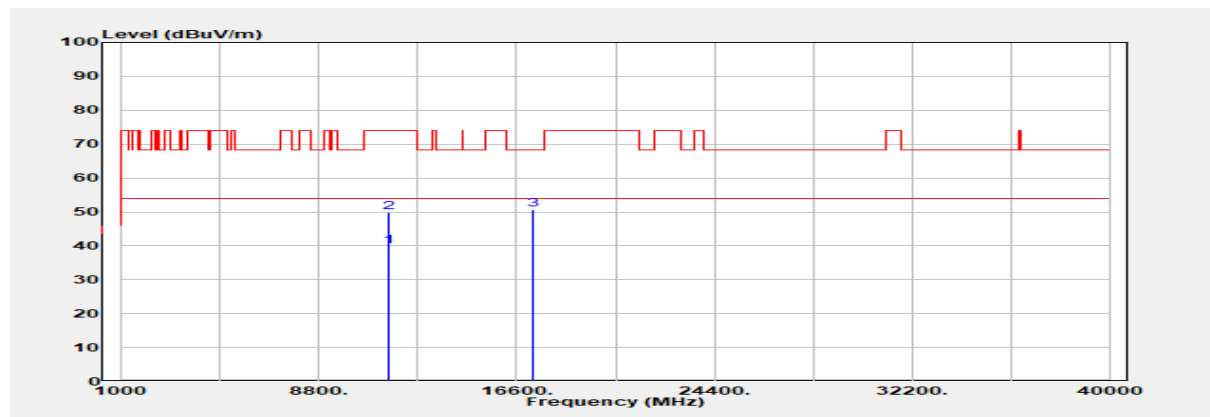
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11510.000	Average	30.97	8.75	39.72	54.00	-14.28
11510.000	Peak	41.23	8.75	49.98	74.00	-24.02
17265.000	Peak	42.08	8.60	50.69	68.20	-17.51

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac40

Test Date :2024-06-18

Test Frequency :5755 MHz

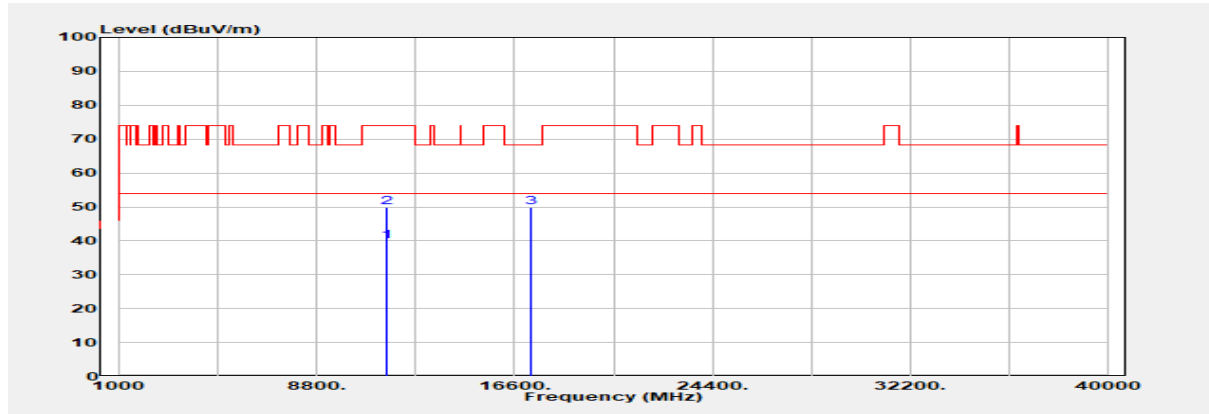
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11510.000	Average	31.08	8.75	39.83	54.00	-14.17
11510.000	Peak	41.16	8.75	49.91	74.00	-24.09
17265.000	Peak	41.21	8.60	49.82	68.20	-18.38

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac40

Test Date :2024-06-18

Test Frequency :5795 MHz

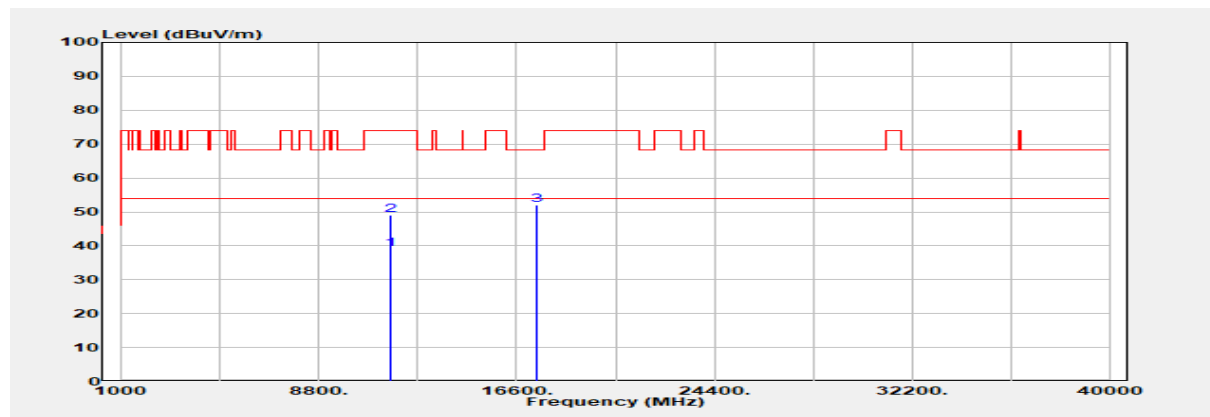
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11590.000	Average	31.36	7.57	38.94	54.00	-15.06
11590.000	Peak	41.47	7.57	49.04	74.00	-24.96
17385.000	Peak	41.81	10.14	51.95	68.20	-16.25

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac40

Test Date :2024-06-18

Test Frequency :5795 MHz

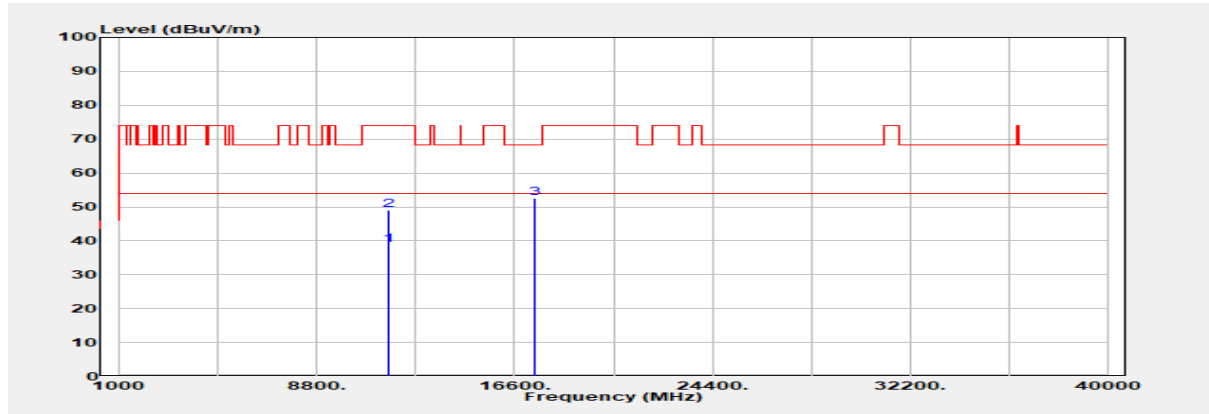
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11590.000	Average	31.27	7.57	38.84	54.00	-15.16
11590.000	Peak	41.56	7.57	49.13	74.00	-24.87
17385.000	Peak	42.56	10.14	52.70	68.20	-15.50

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac80

Test Date :2024-06-18

Test Frequency :5210 MHz

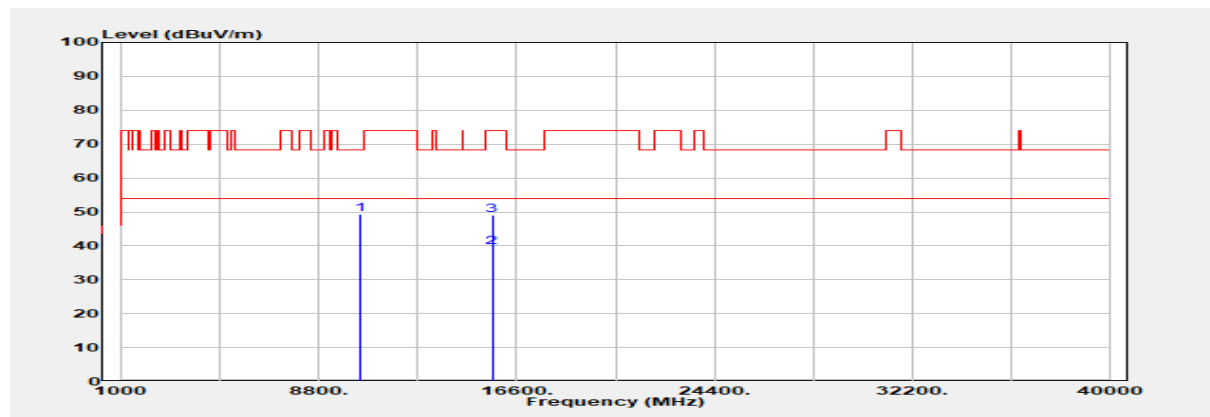
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10420.000	Peak	39.89	9.45	49.34	68.20	-18.86
15630.000	Average	33.60	6.00	39.60	54.00	-14.40
15630.000	Peak	43.10	6.00	49.11	74.00	-24.89

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac80

Test Date :2024-06-18

Test Frequency :5210 MHz

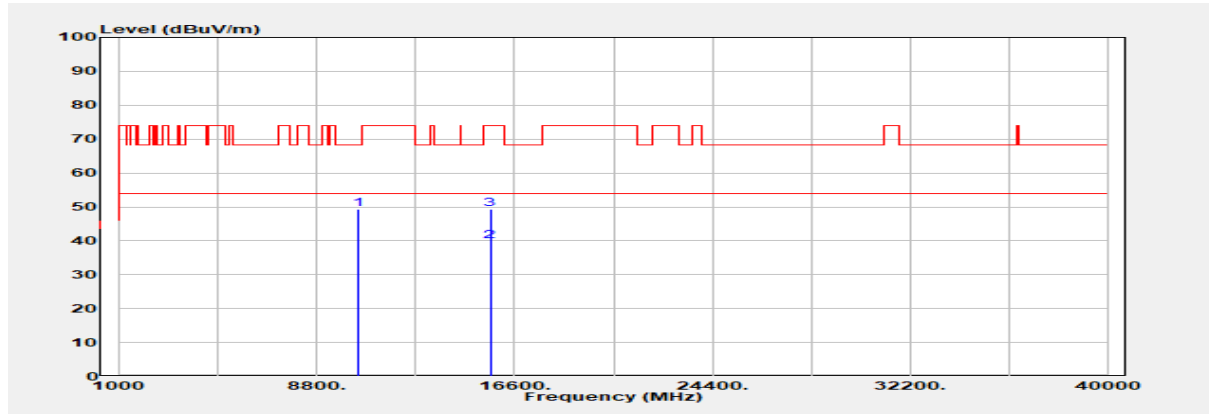
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10420.000	Peak	39.76	9.45	49.21	68.20	-18.99
15630.000	Average	33.71	6.00	39.72	54.00	-14.28
15630.000	Peak	43.31	6.00	49.31	74.00	-24.69

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac80

Test Date :2024-06-18

Test Frequency :5290 MHz

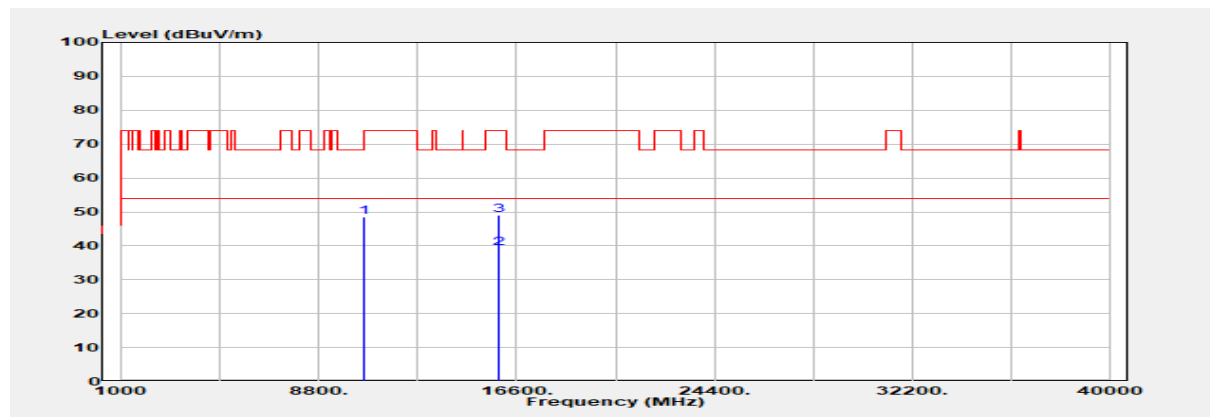
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10580.000	Peak	39.76	8.68	48.43	68.20	-19.77
15870.000	Average	33.55	5.62	39.17	54.00	-14.83
15870.000	Peak	43.48	5.62	49.10	74.00	-24.90

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac80

Test Date :2024-06-18

Test Frequency :5290 MHz

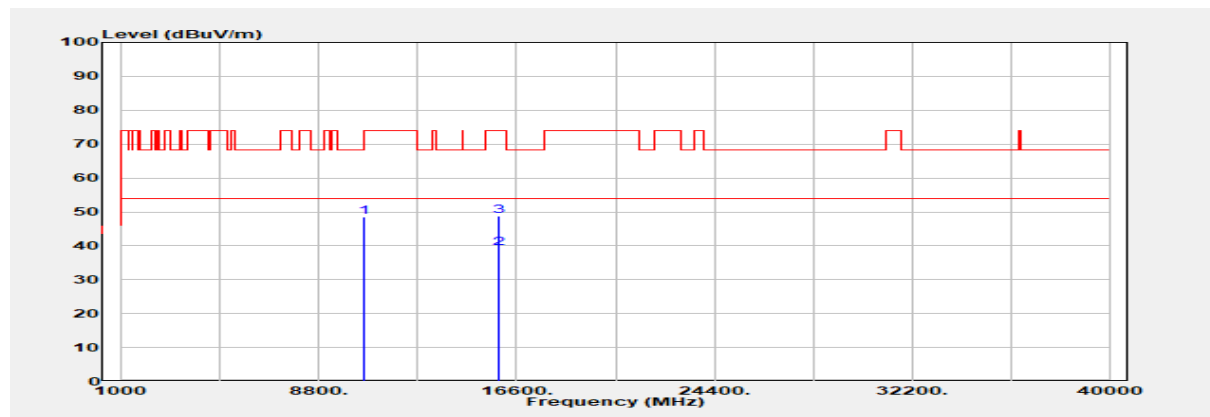
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10580.000	Peak	39.72	8.68	48.39	68.20	-19.81
15870.000	Average	33.76	5.62	39.38	54.00	-14.62
15870.000	Peak	43.14	5.62	48.76	74.00	-25.24

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac80

Test Date :2024-06-18

Test Frequency :5530 MHz

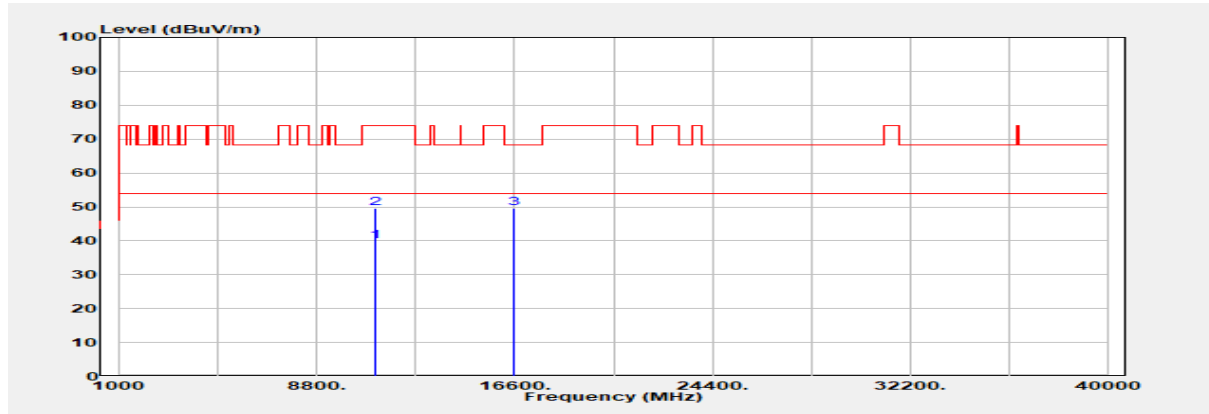
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11060.000	Average	31.63	8.23	39.85	54.00	-14.15
11060.000	Peak	41.43	8.23	49.65	74.00	-24.35
16590.000	Peak	41.88	7.78	49.66	68.20	-18.54

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac80

Test Date :2024-06-18

Test Frequency :5530 MHz

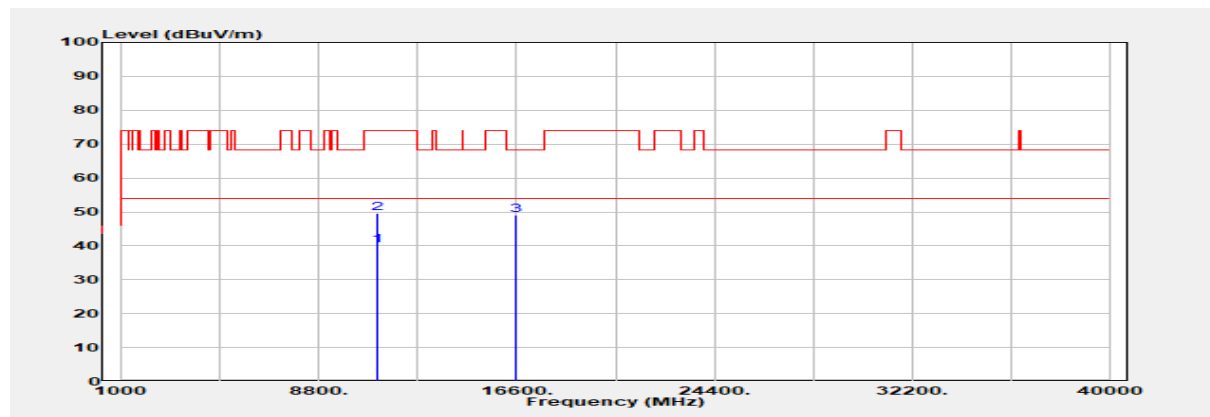
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11060.000	Average	31.79	8.23	40.02	54.00	-13.98
11060.000	Peak	41.47	8.23	49.70	74.00	-24.30
16590.000	Peak	41.27	7.78	49.04	68.20	-19.16

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac80

Test Date :2024-06-18

Test Frequency :5610 MHz

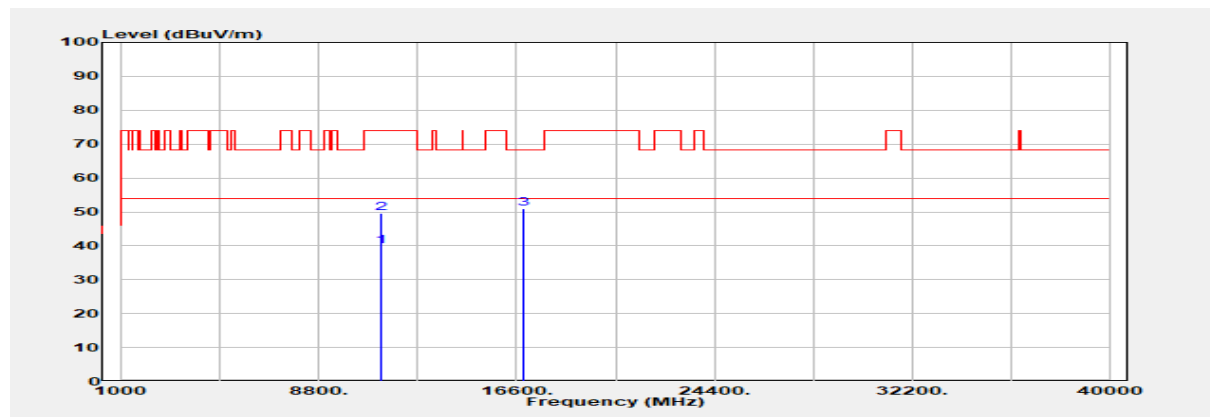
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11220.000	Average	31.59	8.37	39.96	54.00	-14.04
11220.000	Peak	41.15	8.37	49.52	74.00	-24.48
16830.000	Peak	42.45	8.55	51.00	68.20	-17.20

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac80

Test Date :2024-06-18

Test Frequency :5610 MHz

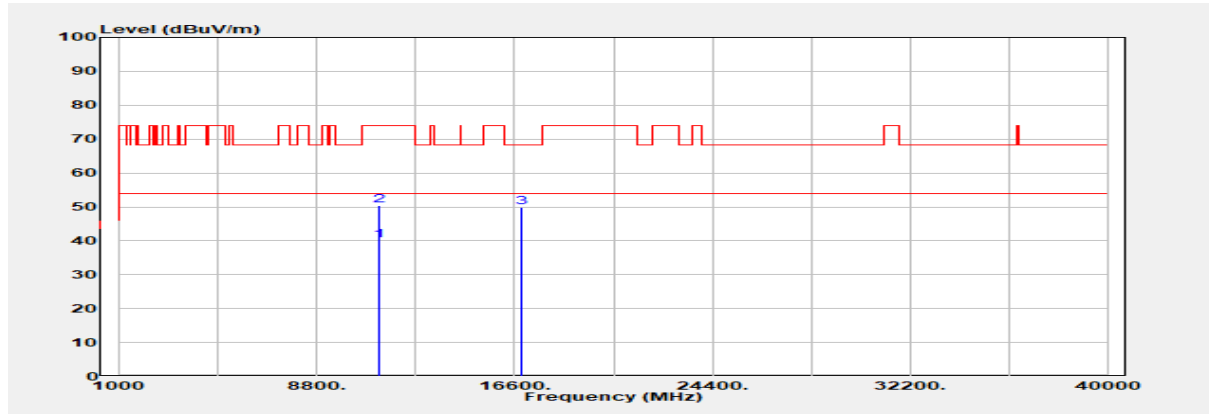
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11220.000	Average	31.85	8.37	40.22	54.00	-13.78
11220.000	Peak	42.05	8.37	50.42	74.00	-23.58
16830.000	Peak	41.21	8.55	49.76	68.20	-18.44

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac80

Test Date :2024-06-18

Test Frequency :5690 MHz

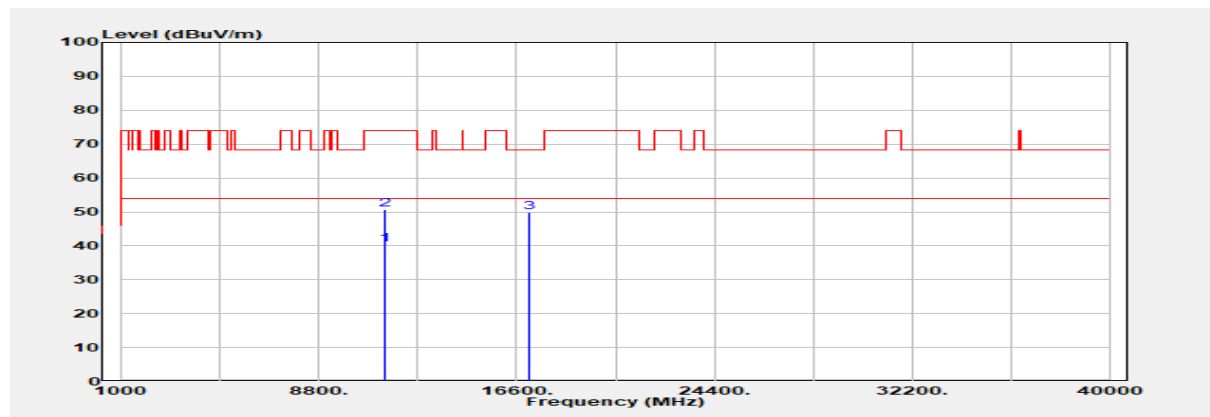
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11380.000	Average	31.76	8.59	40.35	54.00	-13.65
11380.000	Peak	42.00	8.59	50.59	74.00	-23.41
17070.000	Peak	41.56	8.27	49.82	68.20	-18.38

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac80

Test Date :2024-06-18

Test Frequency :5690 MHz

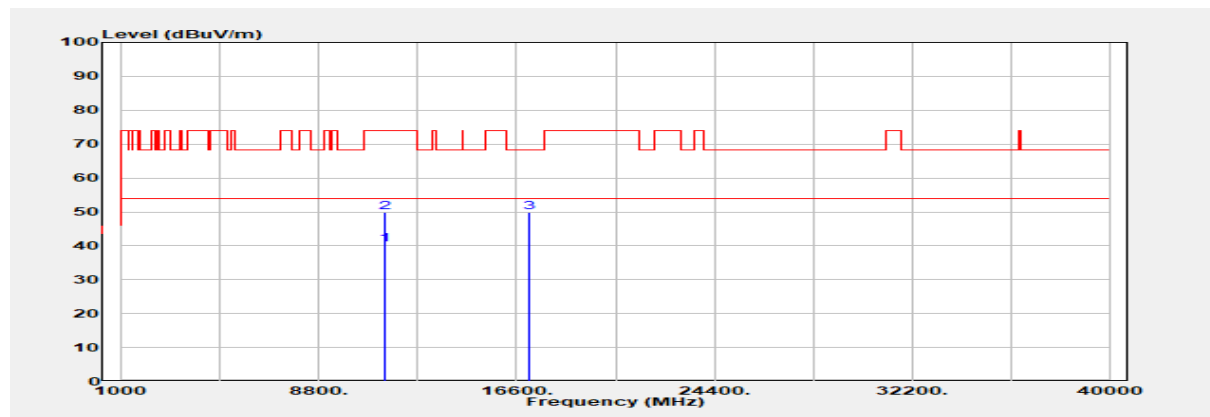
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11380.000	Average	31.90	8.59	40.49	54.00	-13.51
11380.000	Peak	41.26	8.59	49.84	74.00	-24.16
17070.000	Peak	41.63	8.27	49.89	68.20	-18.31

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac80

Test Date :2024-06-18

Test Frequency :5775 MHz

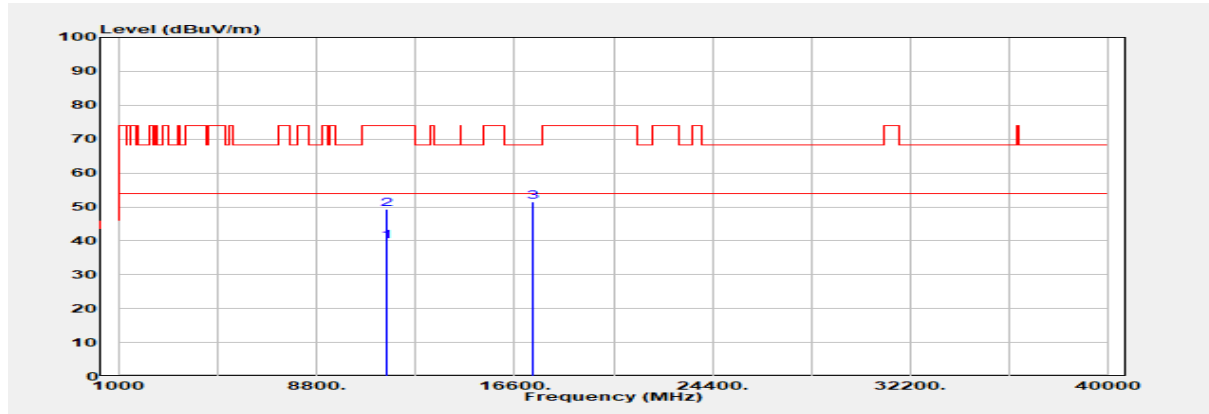
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11550.000	Average	31.54	8.22	39.76	54.00	-14.24
11550.000	Peak	41.15	8.22	49.37	74.00	-24.63
17325.000	Peak	42.33	9.10	51.44	68.20	-16.76

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac80

Test Date :2024-06-18

Test Frequency :5775 MHz

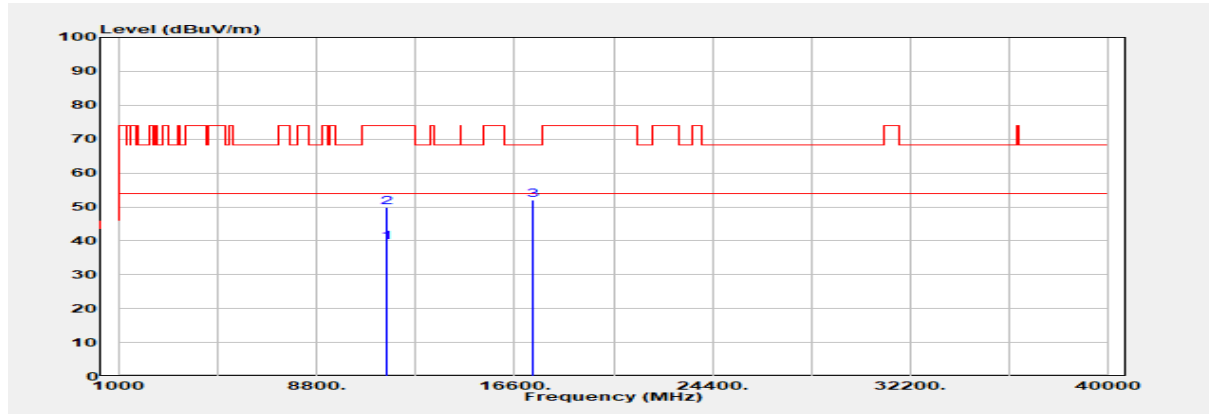
Temp./Humi. :23.2°C/61%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11550.000	Average	31.44	8.22	39.66	54.00	-14.34
11550.000	Peak	41.72	8.22	49.94	74.00	-24.06
17325.000	Peak	43.00	9.10	52.10	68.20	-16.10

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8.5.2 Band edge falling to restricted band

Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-17

Test Frequency :5180 MHz

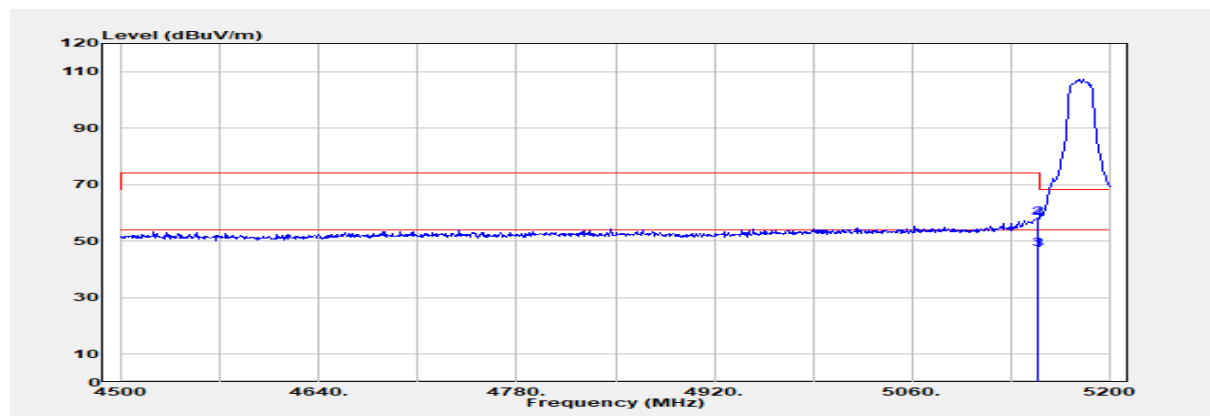
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5148.900	Average	45.60	1.09	46.69	54.00	-7.31
5148.900	Peak	56.96	1.09	58.06	74.00	-15.94
5150.000	Average	46.18	1.10	47.28	54.00	-6.72
5150.000	Peak	56.85	1.10	57.95	74.00	-16.05

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-17

Test Frequency :5180 MHz

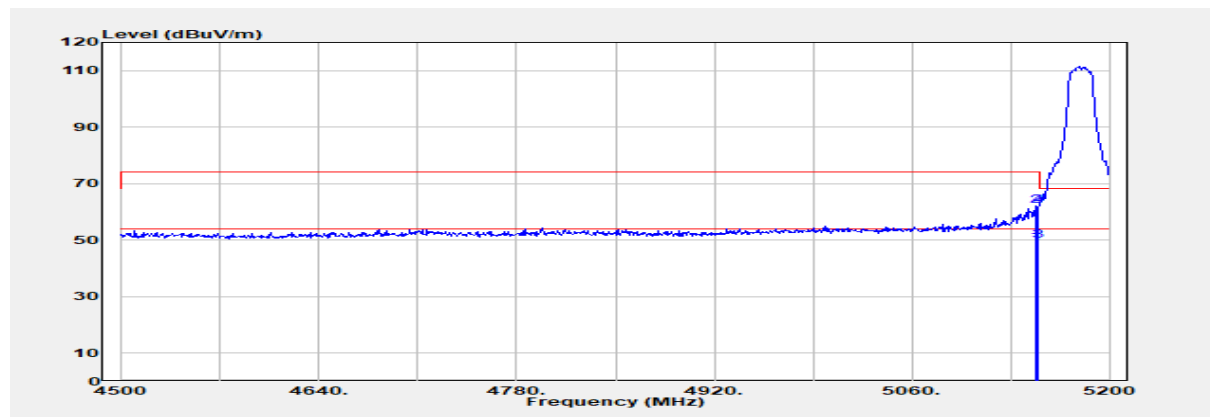
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5148.200	Average	47.91	1.09	49.00	54.00	-5.00
5148.200	Peak	60.96	1.09	62.05	74.00	-11.95
5150.000	Average	48.67	1.10	49.77	54.00	-4.23
5150.000	Peak	60.94	1.10	62.03	74.00	-11.97

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-17

Test Frequency :5320 MHz

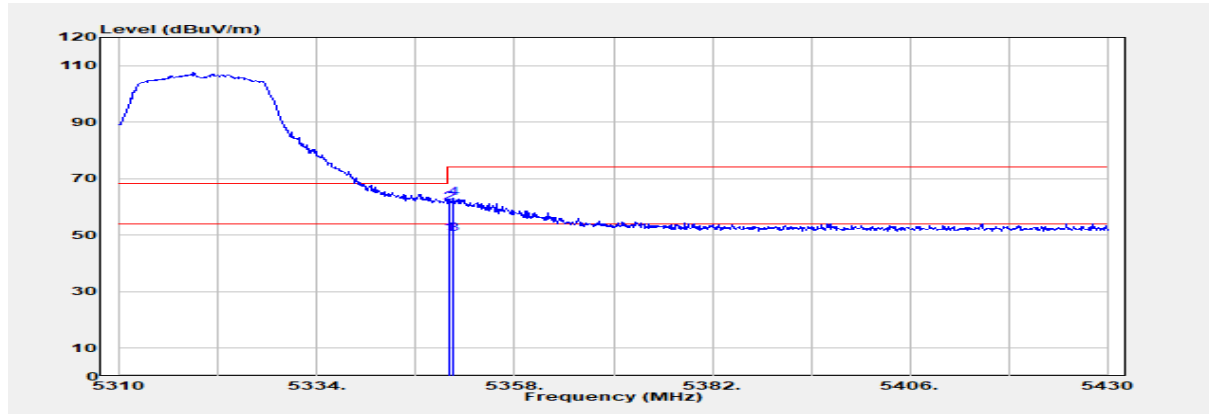
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	49.69	0.72	50.41	54.00	-3.59
5350.000	Peak	60.61	0.72	61.33	74.00	-12.67
5350.440	Average	49.58	0.72	50.30	54.00	-3.70
5350.440	Peak	62.24	0.72	62.97	74.00	-11.03

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-17

Test Frequency :5320 MHz

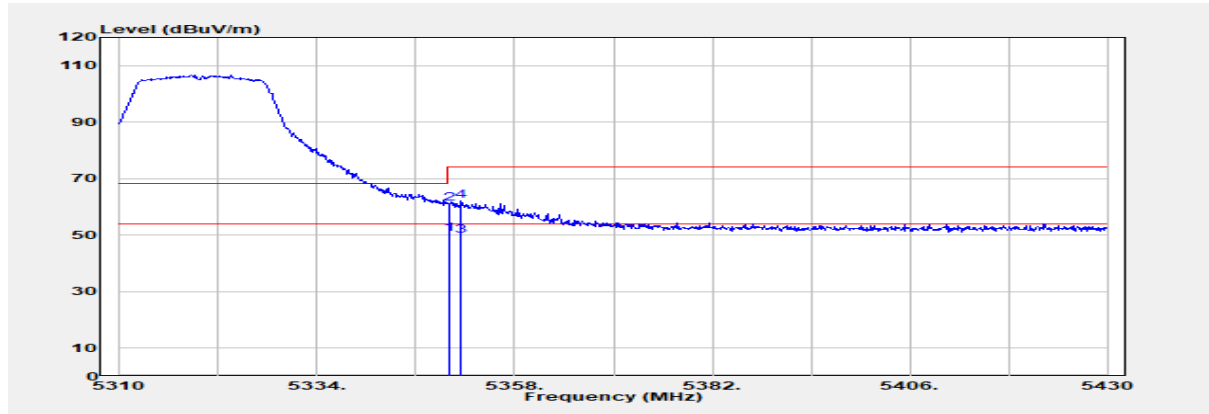
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5350.000	Average	49.68	0.72	50.40	54.00	-3.60
5350.000	Peak	60.52	0.72	61.24	74.00	-12.76
5351.520	Average	48.89	0.73	49.62	54.00	-4.38
5351.520	Peak	61.26	0.73	61.99	74.00	-12.01

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-17

Test Frequency :5500 MHz

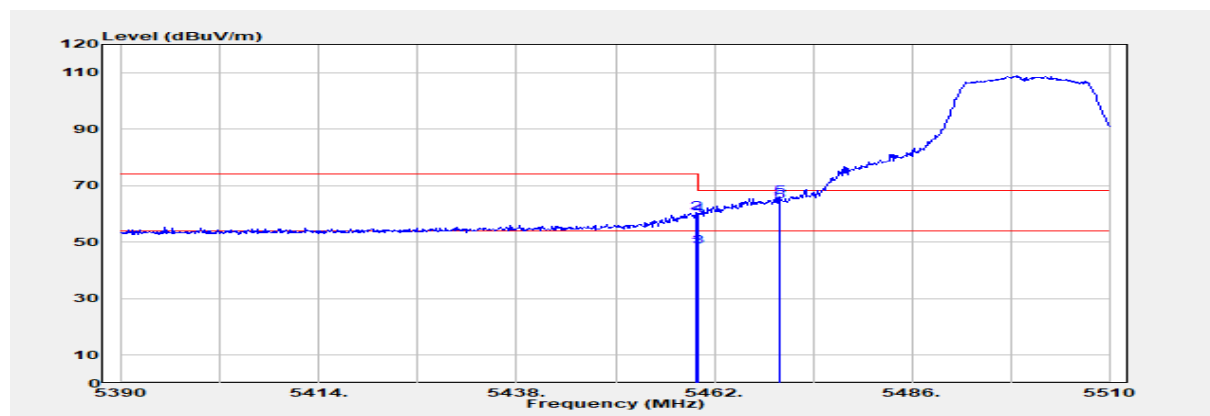
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5459.840	Average	46.54	1.54	48.08	54.00	-5.92
5459.840	Peak	59.02	1.54	60.56	74.00	-13.44
5460.000	Average	46.76	1.54	48.30	54.00	-5.70
5460.000	Peak	58.03	1.54	59.57	74.00	-14.43
5469.920	Peak	64.34	1.65	65.99	68.20	-2.21
5470.000	Peak	62.81	1.65	64.46	68.20	-3.74

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-17

Test Frequency :5500 MHz

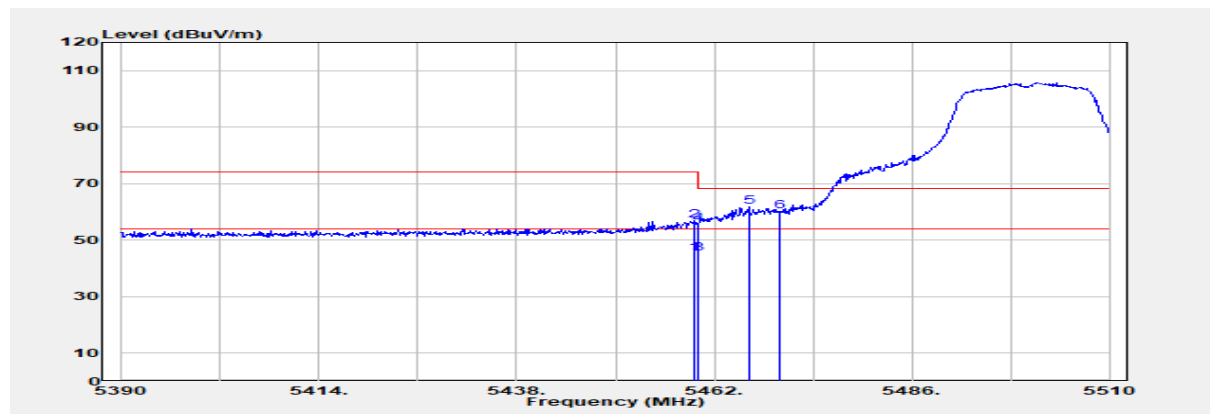
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5459.480	Average	43.59	1.54	45.12	54.00	-8.88
5459.480	Peak	55.41	1.54	56.95	74.00	-17.05
5460.000	Average	43.69	1.54	45.23	54.00	-8.77
5460.000	Peak	54.21	1.54	55.75	74.00	-18.25
5466.200	Peak	60.13	1.61	61.74	68.20	-6.46
5470.000	Peak	58.37	1.65	60.02	68.20	-8.18

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-17

Test Frequency :5700 MHz

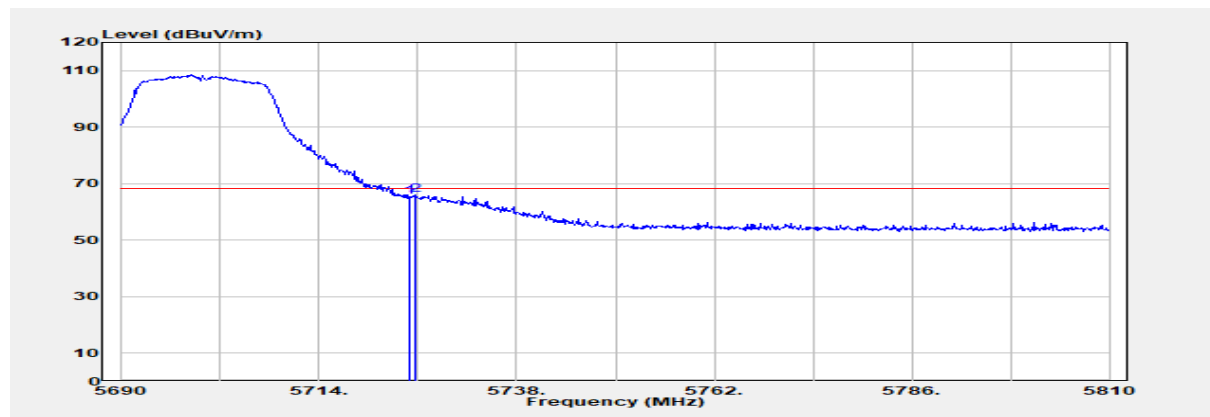
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5725.000	Peak	63.08	2.20	65.28	68.20	-2.92
5725.760	Peak	63.67	2.21	65.88	68.20	-2.32

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-17

Test Frequency :5700 MHz

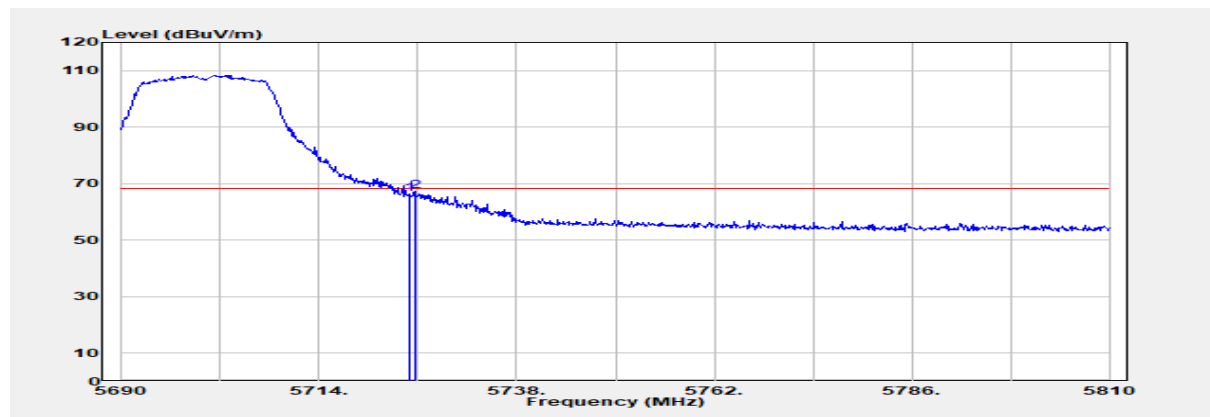
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5725.000	Peak	64.13	2.20	66.33	68.20	-1.87
5725.640	Peak	64.99	2.20	67.19	68.20	-1.01

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-17

Test Frequency :5720 MHz

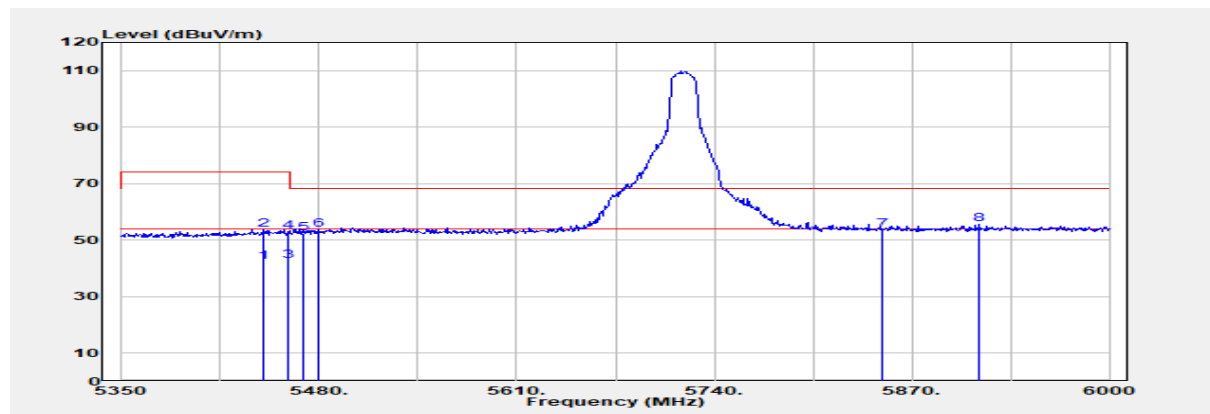
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5442.950	Average	40.95	1.38	42.34	54.00	-11.66
5442.950	Peak	52.40	1.38	53.79	74.00	-20.21
5460.000	Average	41.14	1.54	42.68	54.00	-11.32
5460.000	Peak	51.58	1.54	53.13	74.00	-20.87
5470.000	Peak	50.70	1.65	52.35	68.20	-15.85
5480.000	Peak	51.85	1.76	53.60	68.20	-14.60
5850.000	Peak	51.41	2.35	53.76	68.20	-14.44
5914.850	Peak	52.93	2.54	55.46	68.20	-12.74

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-17

Test Frequency :5720 MHz

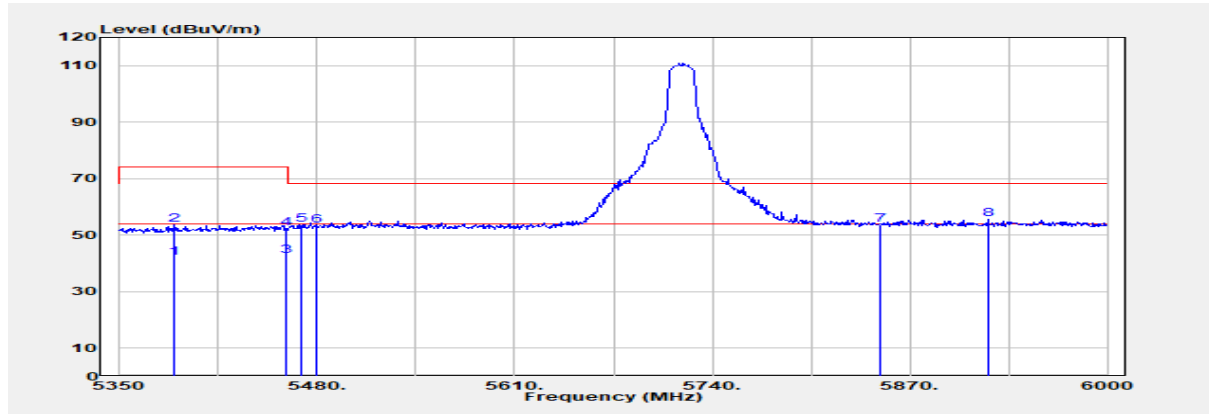
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5385.750	Average	40.95	0.98	41.93	54.00	-12.07
5385.750	Peak	52.76	0.98	53.74	74.00	-20.26
5460.000	Average	41.11	1.54	42.65	54.00	-11.35
5460.000	Peak	50.86	1.54	52.41	74.00	-21.59
5470.000	Peak	51.95	1.65	53.60	68.20	-14.60
5480.000	Peak	51.65	1.76	53.41	68.20	-14.79
5850.000	Peak	51.30	2.35	53.65	68.20	-14.55
5921.350	Peak	52.92	2.57	55.49	68.20	-12.71

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-17

Test Frequency :5745 MHz

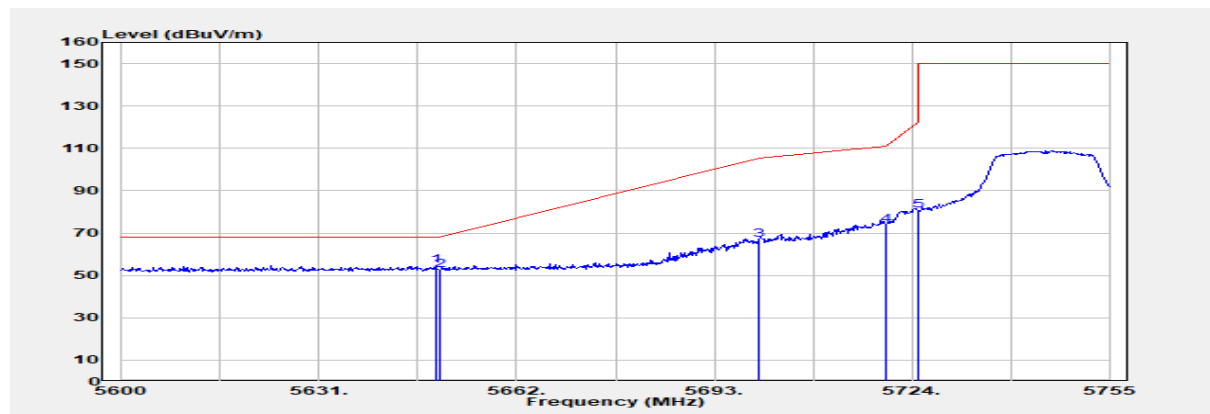
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5649.290	Peak	53.37	1.41	54.78	68.20	-13.42
5650.000	Peak	51.11	1.41	52.52	68.20	-15.68
5700.000	Peak	64.91	2.03	66.94	105.20	-38.26
5720.000	Peak	71.58	2.17	73.74	110.80	-37.06
5725.000	Peak	78.46	2.20	80.66	122.20	-41.54

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-17

Test Frequency :5745 MHz

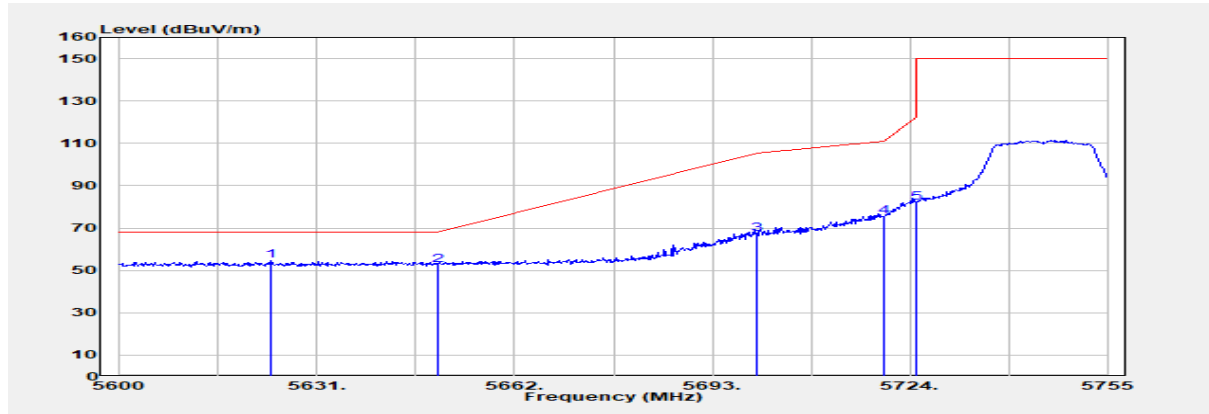
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5623.715	Peak	53.35	1.27	54.62	68.20	-13.58
5650.000	Peak	51.09	1.41	52.50	68.20	-15.70
5700.000	Peak	65.17	2.03	67.20	105.20	-38.00
5720.000	Peak	73.39	2.17	75.55	110.80	-35.25
5725.000	Peak	79.76	2.20	81.96	122.20	-40.24

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-17

Test Frequency :5825 MHz

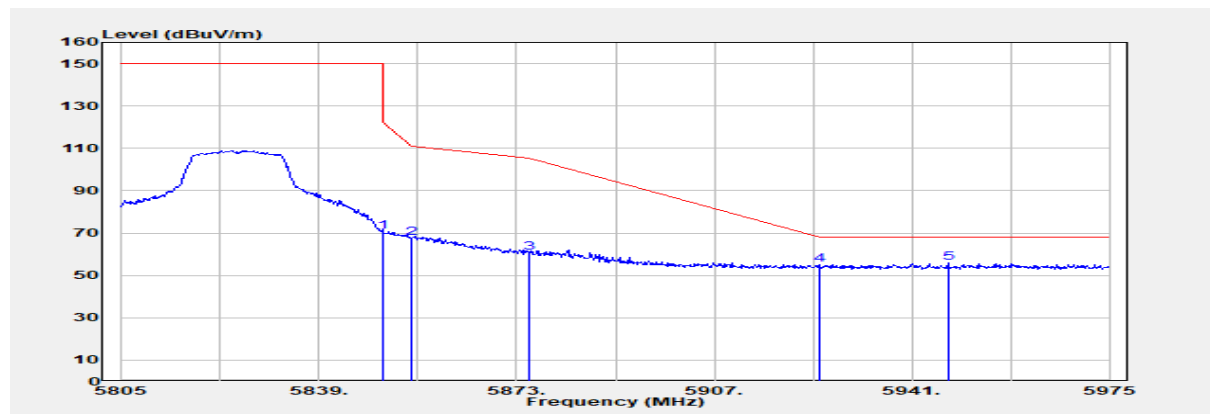
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	68.42	2.35	70.77	122.20	-51.43
5855.000	Peak	65.33	2.36	67.69	110.80	-43.11
5875.000	Peak	58.18	2.40	60.58	105.20	-44.62
5925.000	Peak	52.41	2.60	55.01	68.20	-13.19
5947.290	Peak	53.03	2.72	55.75	68.20	-12.45

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11a

Test Date :2024-06-17

Test Frequency :5825 MHz

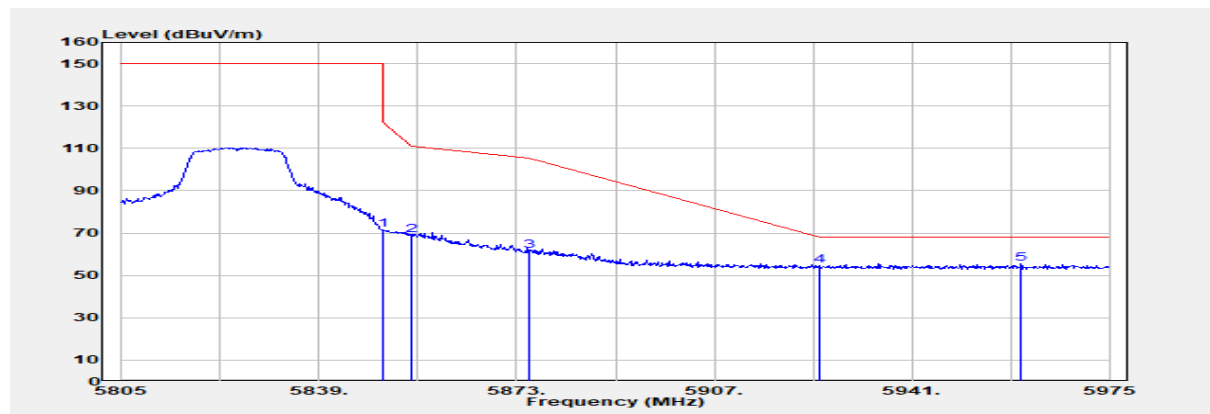
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	69.20	2.35	71.55	122.20	-50.65
5855.000	Peak	66.76	2.36	69.12	110.80	-41.68
5875.000	Peak	59.25	2.40	61.65	105.20	-43.55
5925.000	Peak	51.88	2.60	54.47	68.20	-13.73
5959.870	Peak	52.73	2.76	55.49	68.20	-12.71

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-17

Test Frequency :5180 MHz

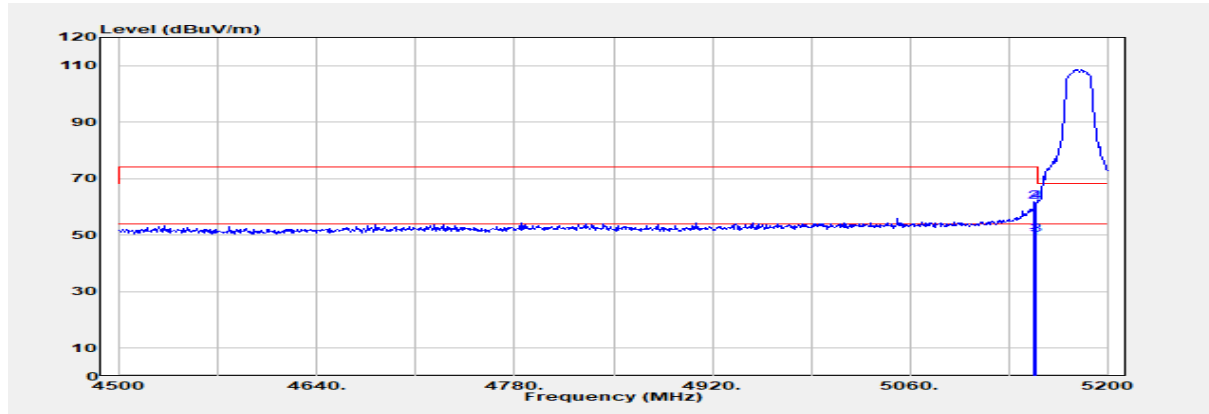
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5148.200	Average	48.17	1.09	49.26	54.00	-4.74
5148.200	Peak	60.61	1.09	61.70	74.00	-12.30
5150.000	Average	48.91	1.10	50.00	54.00	-4.00
5150.000	Peak	60.80	1.10	61.90	74.00	-12.10

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-17

Test Frequency :5180 MHz

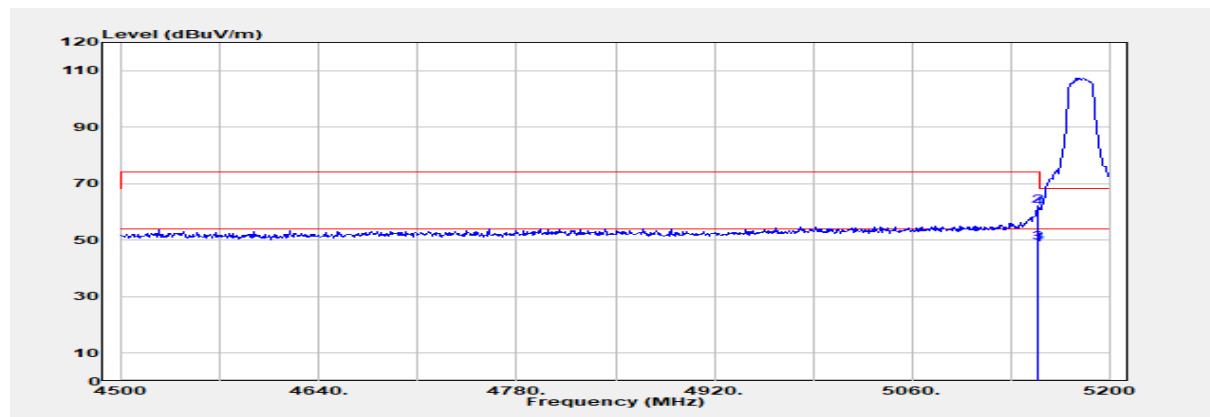
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5148.900	Average	47.28	1.09	48.37	54.00	-5.63
5148.900	Peak	60.91	1.09	62.01	74.00	-11.99
5150.000	Average	47.87	1.10	48.97	54.00	-5.03
5150.000	Peak	60.46	1.10	61.55	74.00	-12.45

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-17

Test Frequency :5320 MHz

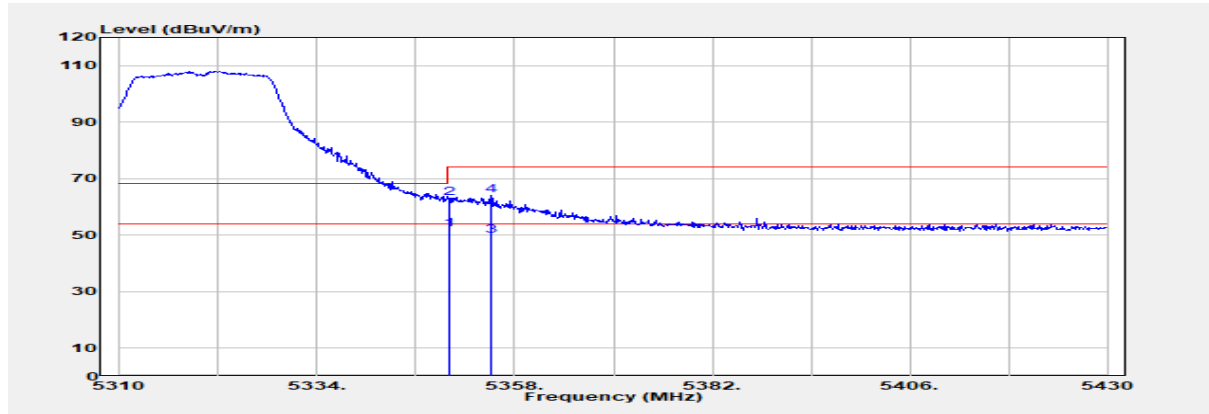
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	51.28	0.72	52.00	54.00	-2.00
5350.000	Peak	62.30	0.72	63.02	74.00	-10.98
5355.120	Average	49.13	0.76	49.89	54.00	-4.11
5355.120	Peak	63.21	0.76	63.96	74.00	-10.04

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-17

Test Frequency :5320 MHz

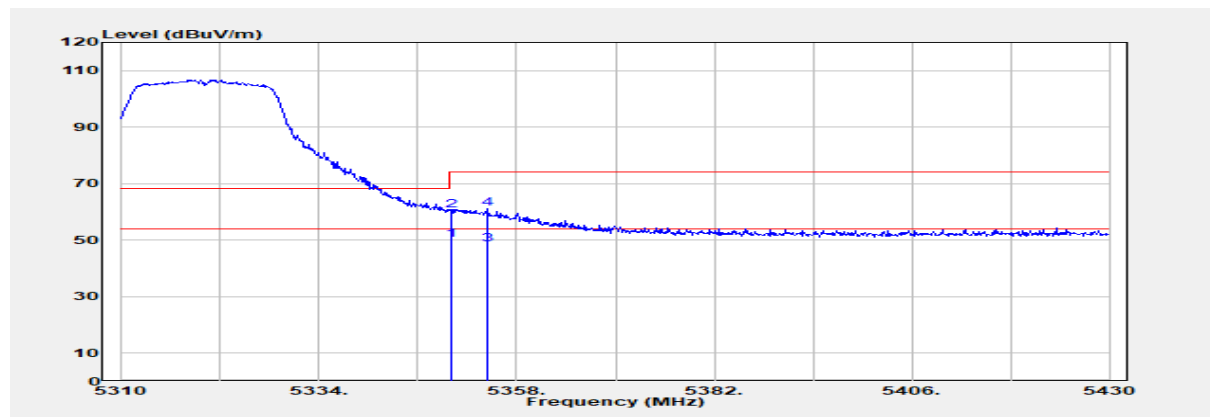
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5350.000	Average	49.41	0.72	50.13	54.00	-3.87
5350.000	Peak	59.72	0.72	60.44	74.00	-13.56
5354.520	Average	47.57	0.75	48.32	54.00	-5.68
5354.520	Peak	60.38	0.75	61.13	74.00	-12.87

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Member of SGS Group

Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-17

Test Frequency :5500 MHz

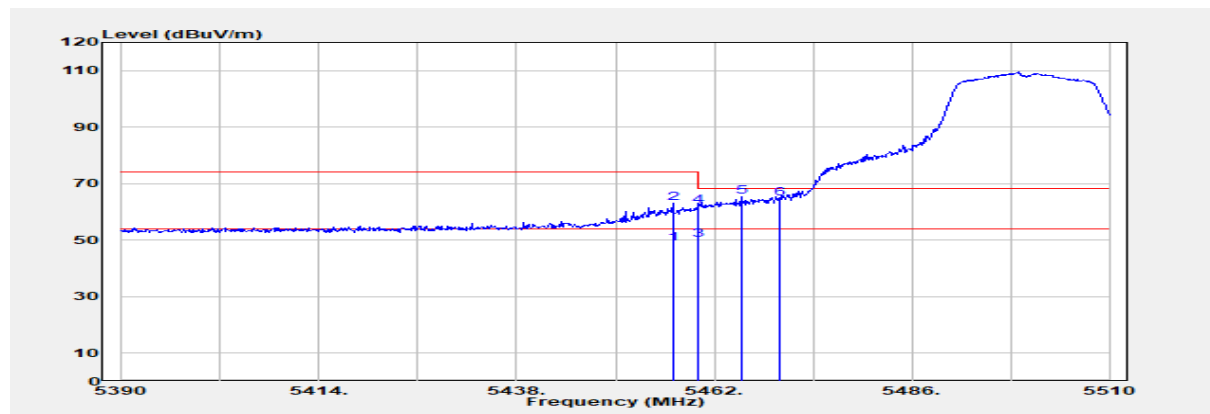
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5456.960	Average	47.26	1.51	48.77	54.00	-5.23
5456.960	Peak	61.43	1.51	62.94	74.00	-11.06
5460.000	Average	48.51	1.54	50.06	54.00	-3.94
5460.000	Peak	60.66	1.54	62.20	74.00	-11.80
5465.240	Peak	63.93	1.60	65.52	68.20	-2.68
5470.000	Peak	62.91	1.65	64.56	68.20	-3.64

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-17

Test Frequency :5500 MHz

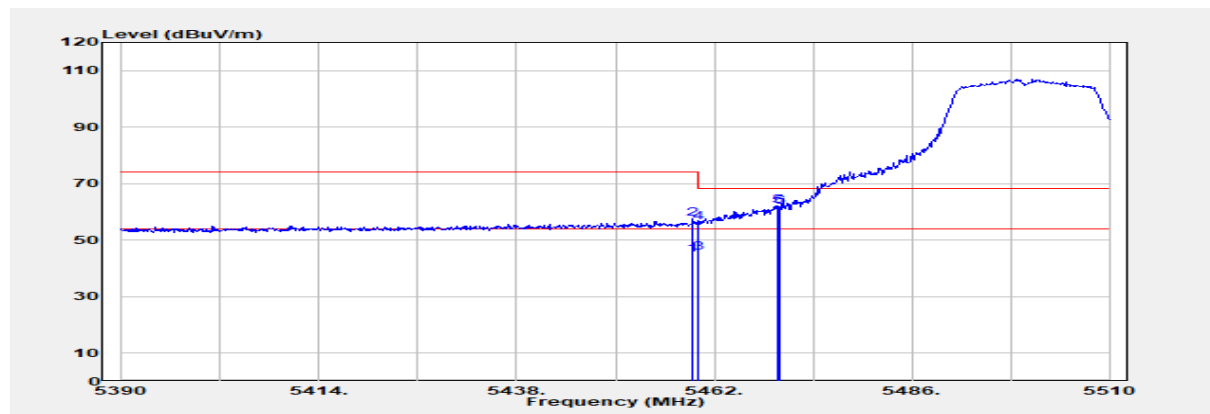
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5459.360	Average	43.39	1.54	44.93	54.00	-9.07
5459.360	Peak	55.87	1.54	57.40	74.00	-16.60
5460.000	Average	43.87	1.54	45.41	54.00	-8.59
5460.000	Peak	54.71	1.54	56.25	74.00	-17.75
5469.800	Peak	60.57	1.65	62.22	68.20	-5.98
5470.000	Peak	60.30	1.65	61.95	68.20	-6.25

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-17

Test Frequency :5700 MHz

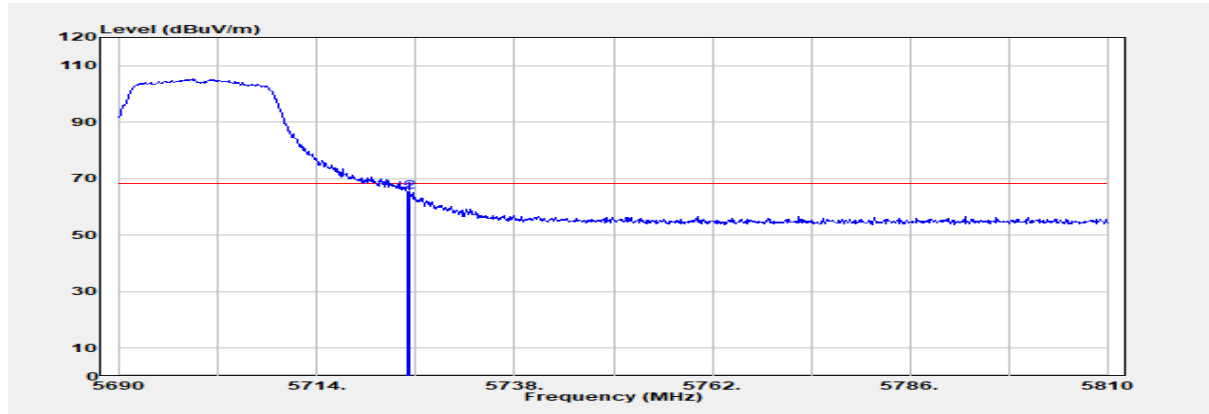
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5725.000	Peak	62.57	2.20	64.77	68.20	-3.43
5725.160	Peak	63.32	2.20	65.52	68.20	-2.68

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-17

Test Frequency :5700 MHz

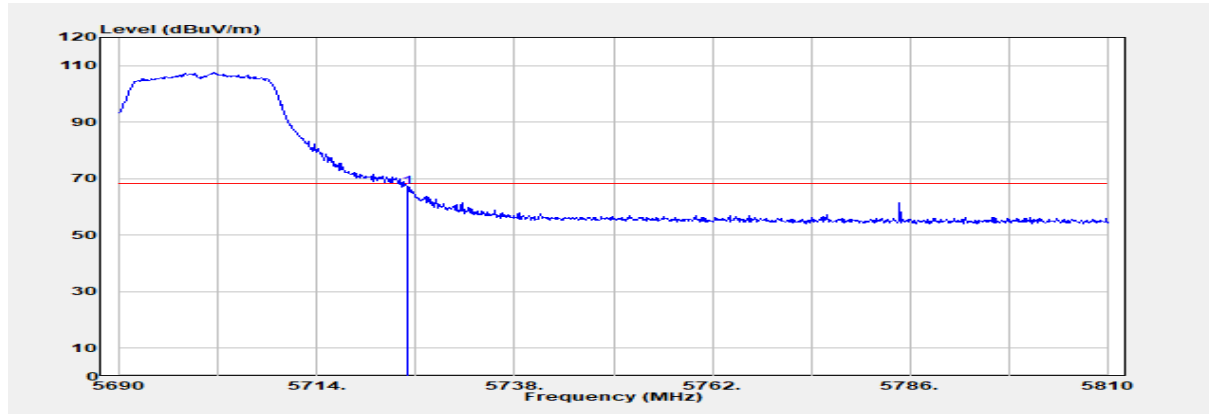
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5725.000	Peak	64.85	2.20	67.05	68.20	-1.15

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-17

Test Frequency :5720 MHz

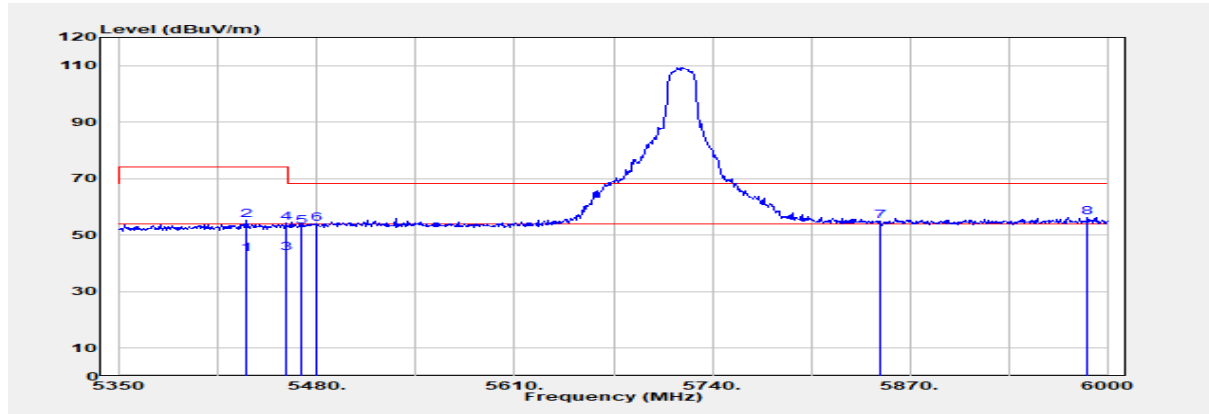
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5433.200	Average	41.97	1.32	43.29	54.00	-10.71
5433.200	Peak	53.91	1.32	55.23	74.00	-18.77
5460.000	Average	42.05	1.54	43.59	54.00	-10.41
5460.000	Peak	52.78	1.54	54.32	74.00	-19.68
5470.000	Peak	51.30	1.65	52.94	68.20	-15.26
5480.000	Peak	52.34	1.76	54.10	68.20	-14.10
5850.000	Peak	52.47	2.35	54.82	68.20	-13.38
5987.000	Peak	53.59	2.82	56.41	68.20	-11.79

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-17

Test Frequency :5720 MHz

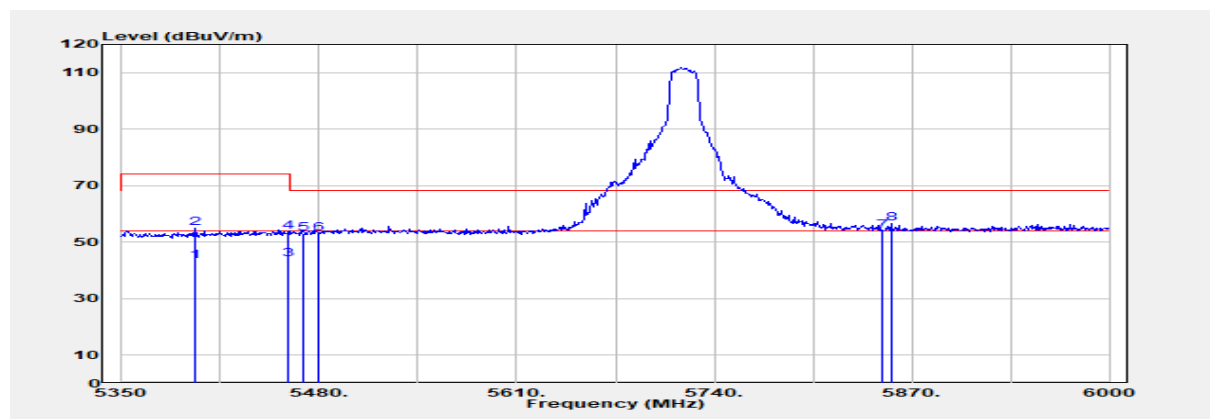
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5398.750	Average	42.12	1.07	43.19	54.00	-10.81
5398.750	Peak	53.85	1.07	54.92	74.00	-19.08
5460.000	Average	42.29	1.54	43.83	54.00	-10.17
5460.000	Peak	52.14	1.54	53.69	74.00	-20.31
5470.000	Peak	51.37	1.65	53.02	68.20	-15.18
5480.000	Peak	51.41	1.76	53.16	68.20	-15.04
5850.000	Peak	51.75	2.35	54.09	68.20	-14.11
5856.350	Peak	54.25	2.36	56.61	68.20	-11.59

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-17

Test Frequency :5745 MHz

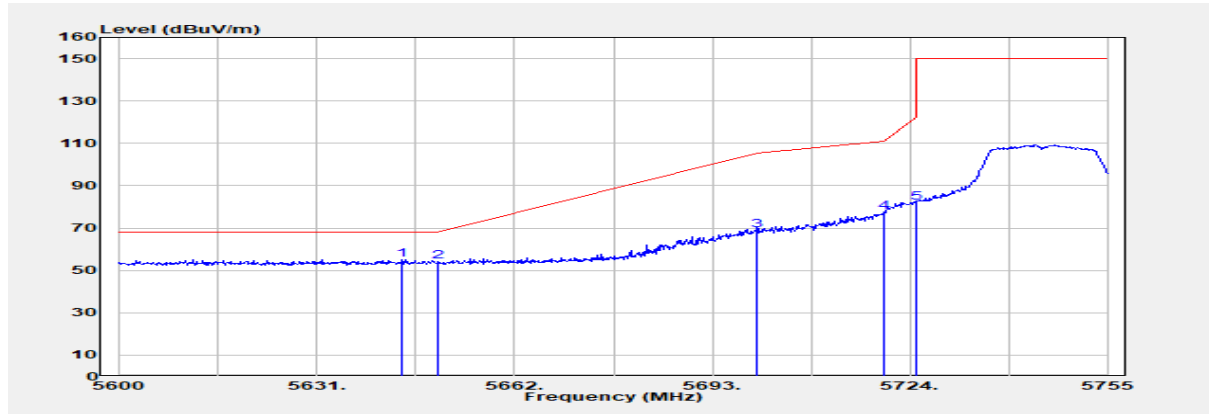
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5644.330	Peak	53.81	1.38	55.19	68.20	-13.01
5650.000	Peak	52.72	1.41	54.13	68.20	-14.07
5700.000	Peak	66.92	2.03	68.95	105.20	-36.25
5720.000	Peak	75.27	2.17	77.43	110.80	-33.37
5725.000	Peak	79.85	2.20	82.05	122.20	-40.15

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-17

Test Frequency :5745 MHz

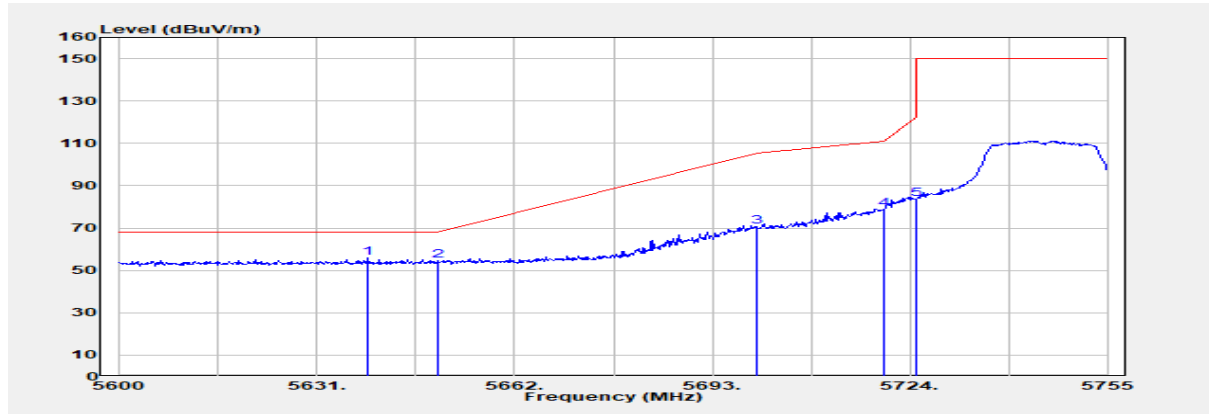
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5639.060	Peak	54.55	1.35	55.90	68.20	-12.30
5650.000	Peak	53.31	1.41	54.72	68.20	-13.48
5700.000	Peak	68.61	2.03	70.64	105.20	-34.56
5720.000	Peak	76.67	2.17	78.83	110.80	-31.97
5725.000	Peak	81.55	2.20	83.75	122.20	-38.45

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-17

Test Frequency :5825 MHz

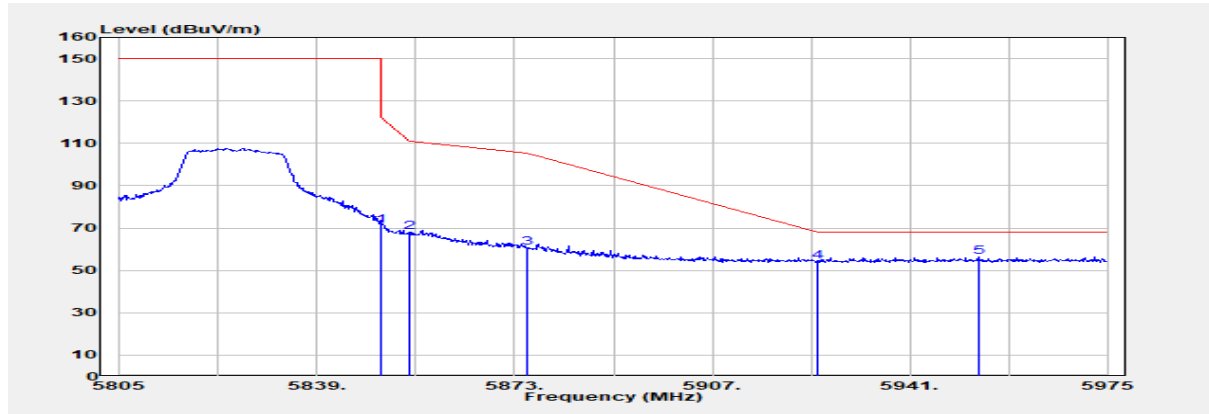
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	68.86	2.35	71.20	122.20	-51.00
5855.000	Peak	65.74	2.36	68.09	110.80	-42.71
5875.000	Peak	58.41	2.40	60.81	105.20	-44.39
5925.000	Peak	51.60	2.60	54.19	68.20	-14.01
5952.900	Peak	53.67	2.75	56.41	68.20	-11.79

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac20

Test Date :2024-06-17

Test Frequency :5825 MHz

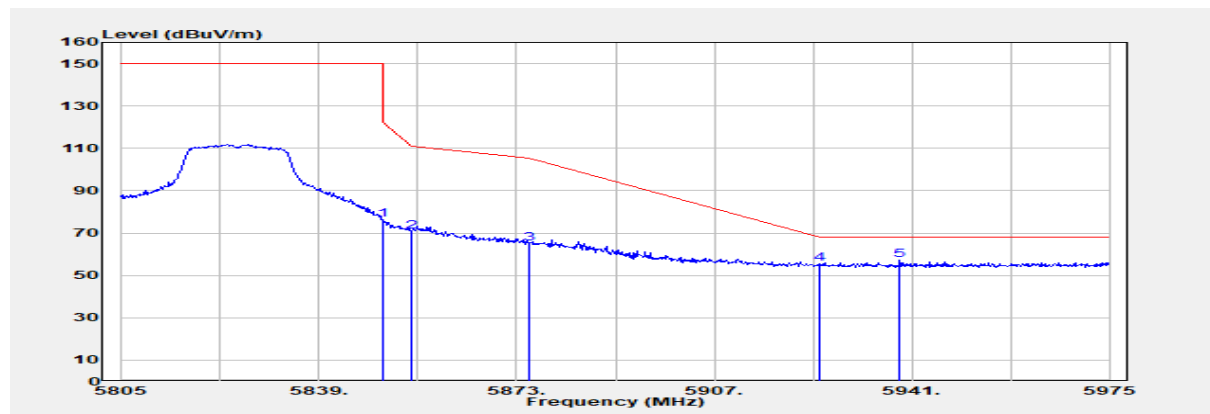
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	74.00	2.35	76.34	122.20	-45.86
5855.000	Peak	68.47	2.36	70.83	110.80	-39.97
5875.000	Peak	62.65	2.40	65.04	105.20	-40.16
5925.000	Peak	52.97	2.60	55.57	68.20	-12.63
5938.960	Peak	54.46	2.68	57.13	68.20	-11.07

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Member of SGS Group

Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac40

Test Date :2024-06-17

Test Frequency :5190 MHz

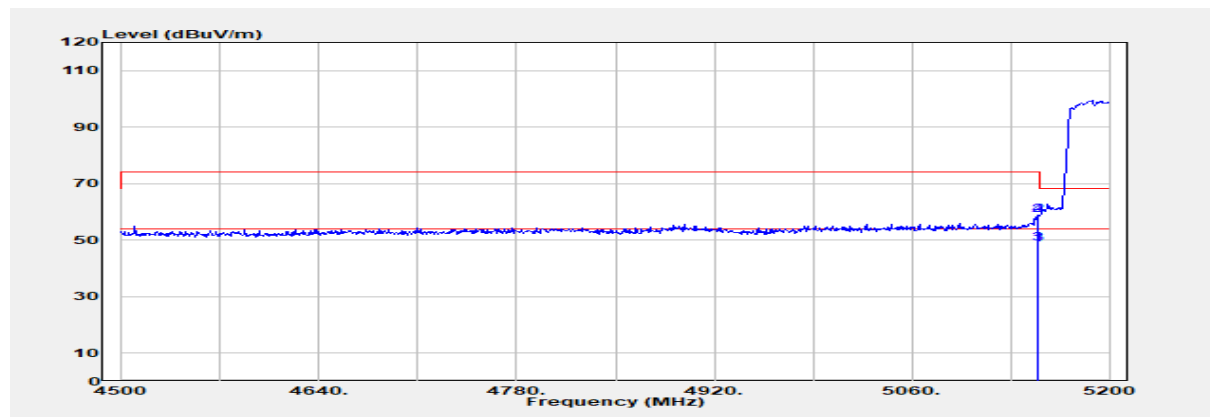
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5149.600	Average	47.50	1.09	48.60	54.00	-5.40
5149.600	Peak	57.68	1.09	58.78	74.00	-15.22
5150.000	Average	47.67	1.10	48.77	54.00	-5.23
5150.000	Peak	57.74	1.10	58.84	74.00	-15.16

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac40

Test Date :2024-06-17

Test Frequency :5190 MHz

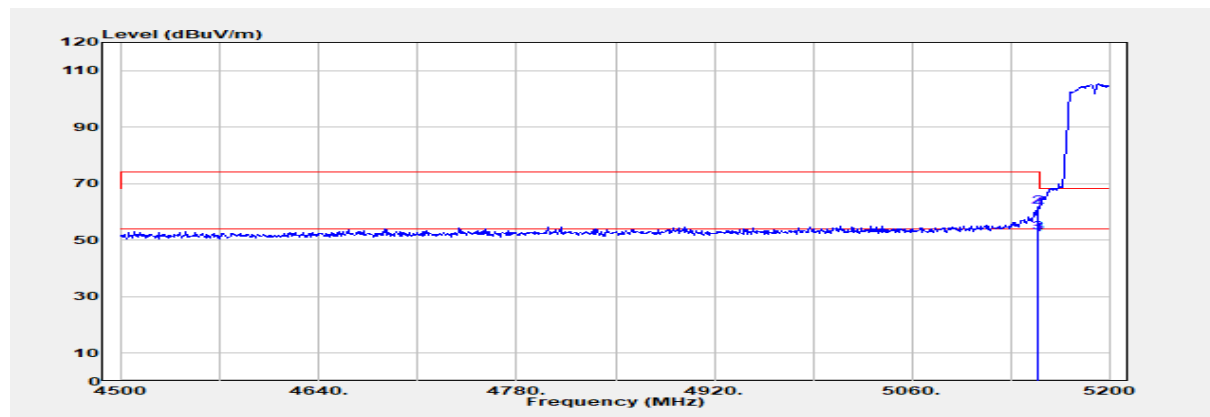
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5149.600	Average	51.05	1.09	52.14	54.00	-1.86
5149.600	Peak	60.65	1.09	61.74	74.00	-12.26
5150.000	Average	51.52	1.10	52.61	54.00	-1.39
5150.000	Peak	59.91	1.10	61.00	74.00	-13.00

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac40

Test Date :2024-06-17

Test Frequency :5310 MHz

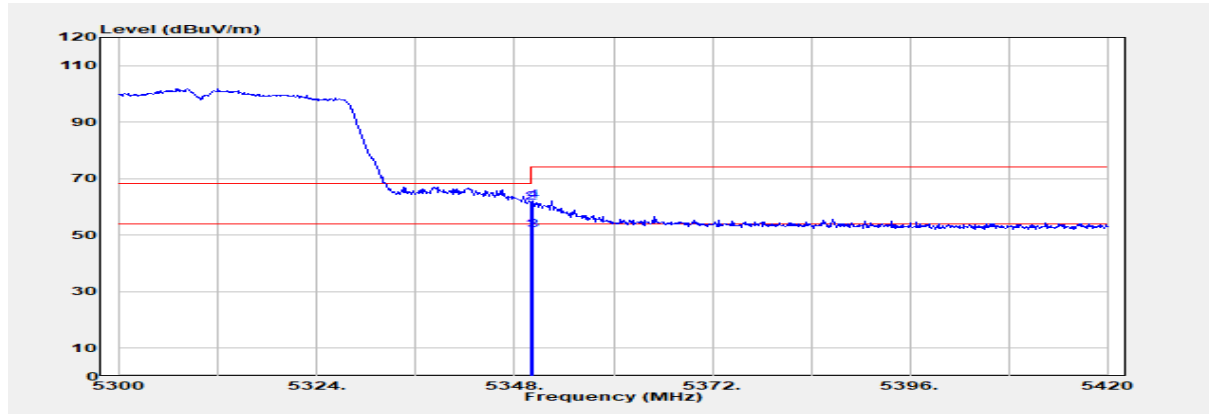
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5350.000	Average	50.86	0.72	51.58	54.00	-2.42
5350.000	Peak	60.60	0.72	61.32	74.00	-12.68
5350.160	Average	50.86	0.72	51.58	54.00	-2.42
5350.160	Peak	61.34	0.72	62.06	74.00	-11.94

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac40

Test Date :2024-06-17

Test Frequency :5310 MHz

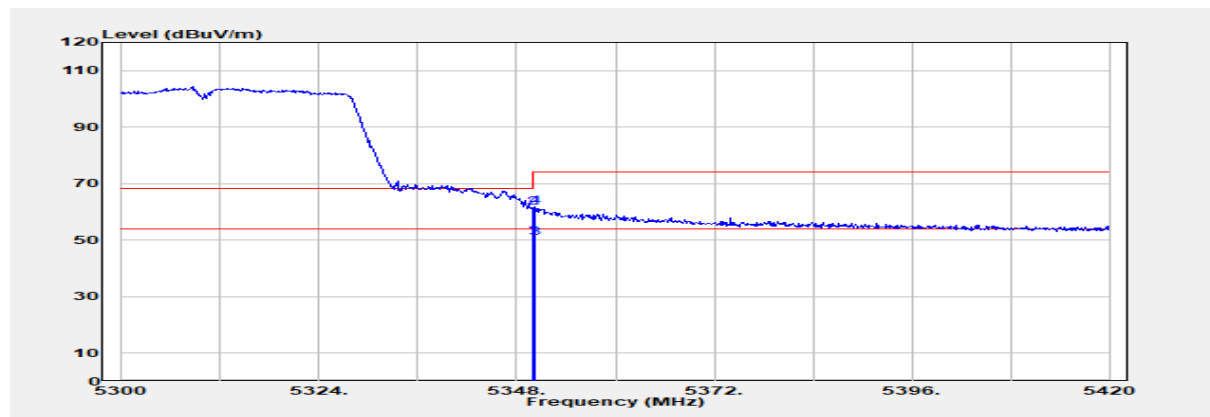
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	50.57	0.72	51.29	54.00	-2.71
5350.000	Peak	60.69	0.72	61.41	74.00	-12.59
5350.280	Average	50.17	0.72	50.89	54.00	-3.11
5350.280	Peak	61.04	0.72	61.76	74.00	-12.24

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac40

Test Date :2024-06-17

Test Frequency :5510 MHz

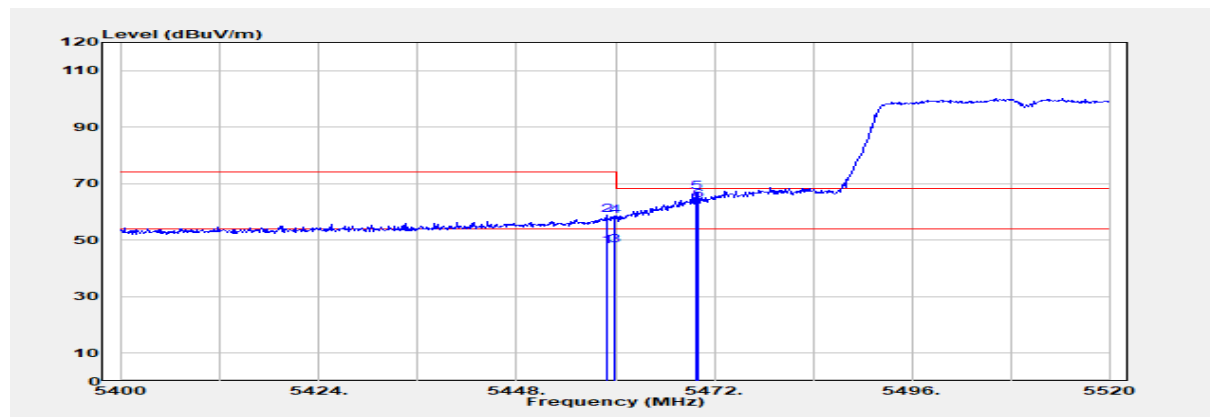
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5458.920	Average	46.14	1.53	47.67	54.00	-6.33
5458.920	Peak	57.23	1.53	58.76	74.00	-15.24
5460.000	Average	46.67	1.54	48.21	54.00	-5.79
5460.000	Peak	57.13	1.54	58.67	74.00	-15.33
5469.840	Peak	65.40	1.65	67.04	68.20	-1.16
5470.000	Peak	62.47	1.65	64.11	68.20	-4.09

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac40

Test Date :2024-06-17

Test Frequency :5510 MHz

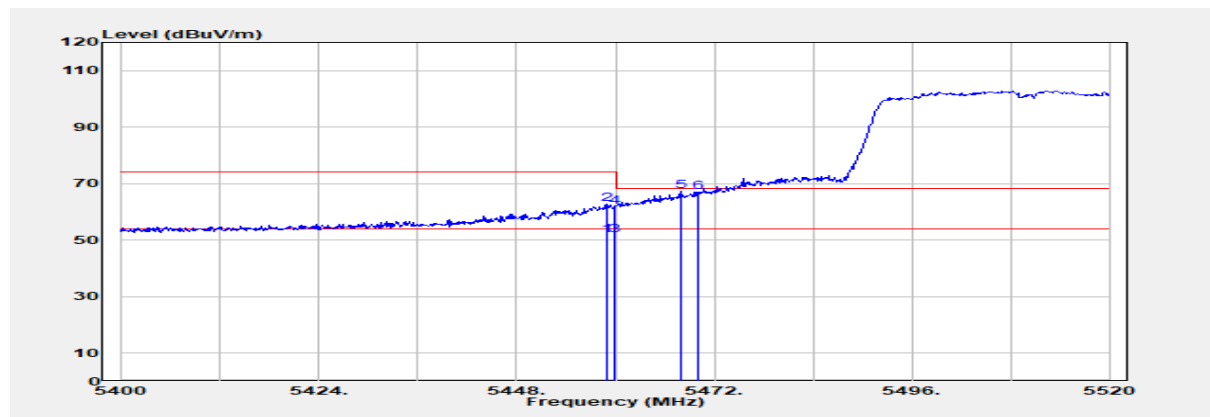
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5459.040	Average	50.24	1.53	51.77	54.00	-2.23
5459.040	Peak	61.19	1.53	62.72	74.00	-11.28
5460.000	Average	50.04	1.54	51.58	54.00	-2.42
5460.000	Peak	60.32	1.54	61.86	74.00	-12.14
5468.040	Peak	65.54	1.63	67.16	68.20	-1.04
5470.000	Peak	65.46	1.65	67.11	68.20	-1.09

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac40

Test Date :2024-06-17

Test Frequency :5670 MHz

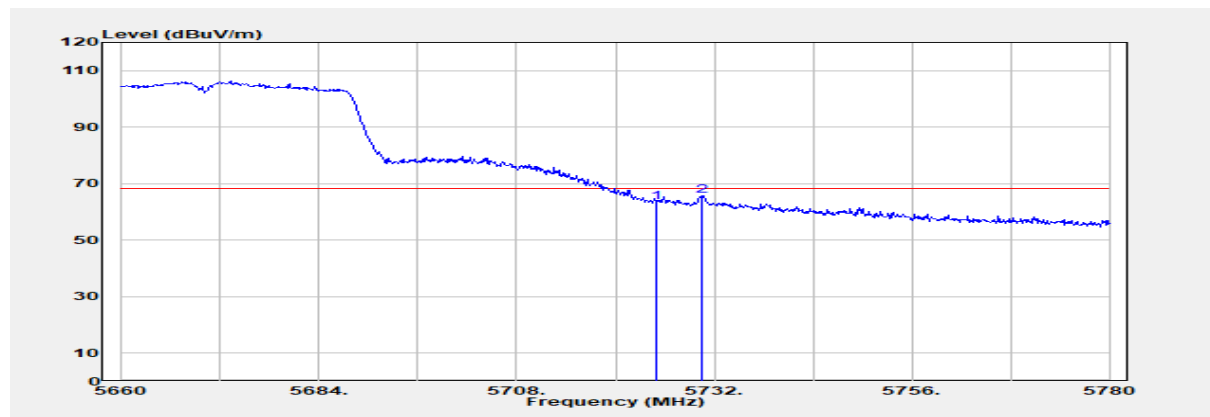
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5725.000	Peak	61.21	2.20	63.41	68.20	-4.79
5730.440	Peak	63.52	2.24	65.76	68.20	-2.44

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac40

Test Date :2024-06-17

Test Frequency :5670 MHz

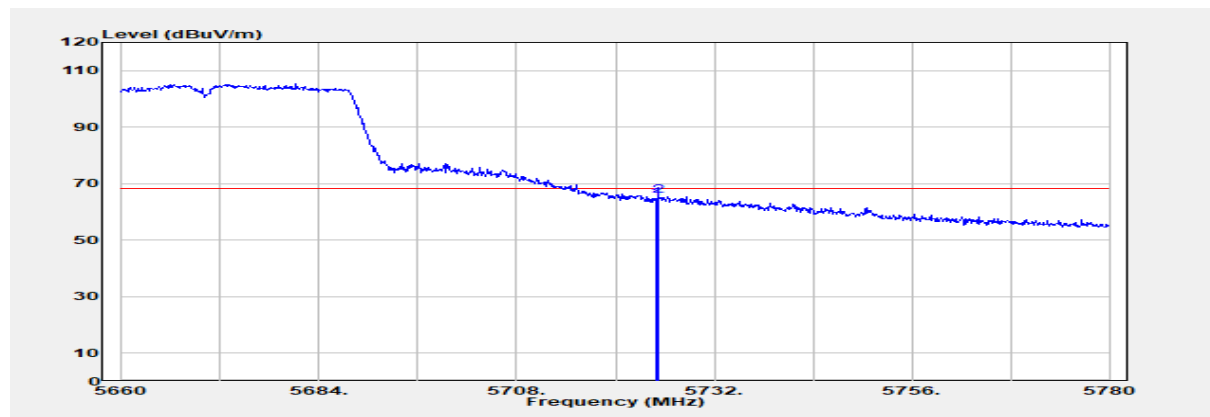
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5725.000	Peak	62.44	2.20	64.64	68.20	-3.56
5725.280	Peak	63.45	2.20	65.66	68.20	-2.54

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac40

Test Date :2024-06-17

Test Frequency :5710 MHz

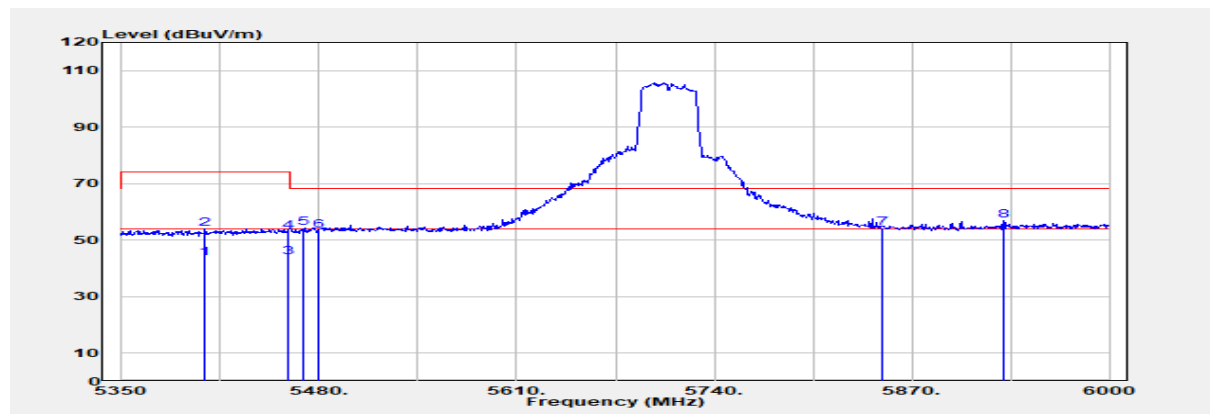
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5404.600	Average	42.37	1.11	43.49	54.00	-10.51
5404.600	Peak	52.81	1.11	53.92	74.00	-20.08
5460.000	Average	42.51	1.54	44.05	54.00	-9.95
5460.000	Peak	51.55	1.54	53.09	74.00	-20.91
5470.000	Peak	52.61	1.65	54.26	68.20	-13.94
5480.000	Peak	51.56	1.76	53.32	68.20	-14.88
5850.000	Peak	51.91	2.35	54.26	68.20	-13.94
5930.450	Peak	54.14	2.63	56.76	68.20	-11.44

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac40

Test Date :2024-06-17

Test Frequency :5710 MHz

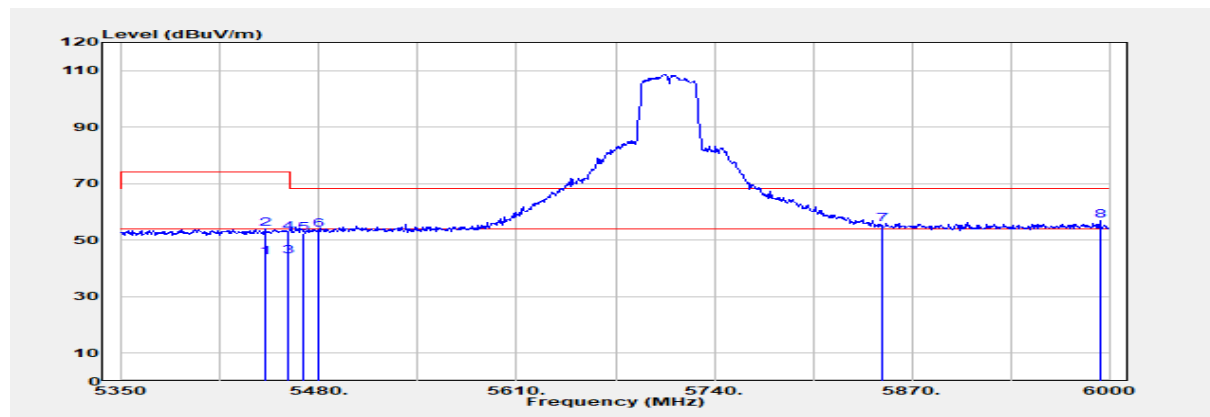
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5444.250	Average	42.58	1.39	43.97	54.00	-10.03
5444.250	Peak	52.60	1.39	53.99	74.00	-20.01
5460.000	Average	42.80	1.54	44.35	54.00	-9.65
5460.000	Peak	51.28	1.54	52.82	74.00	-21.18
5470.000	Peak	50.84	1.65	52.48	68.20	-15.72
5480.000	Peak	51.79	1.76	53.55	68.20	-14.65
5850.000	Peak	53.19	2.35	55.54	68.20	-12.66
5994.150	Peak	54.02	2.84	56.86	68.20	-11.34

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac40

Test Date :2024-06-17

Test Frequency :5755 MHz

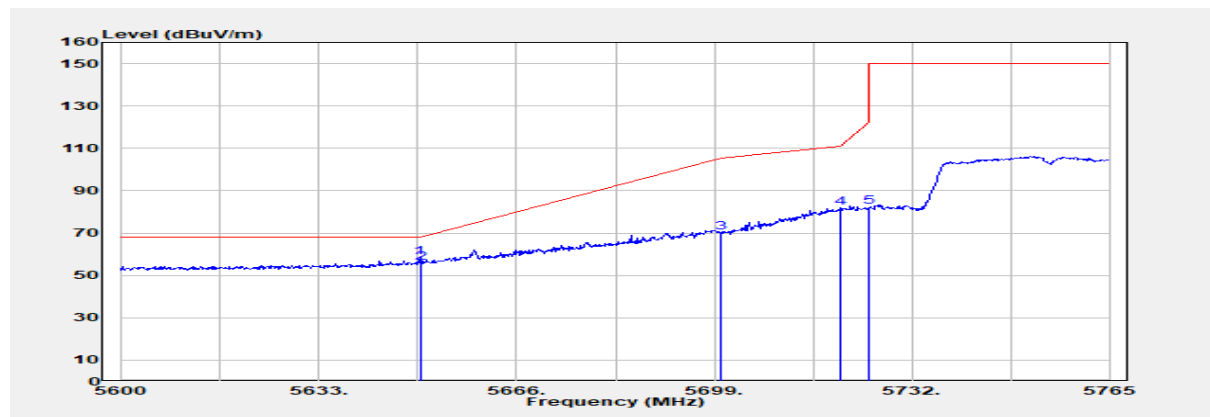
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5649.830	Peak	57.27	1.41	58.68	68.20	-9.52
5650.000	Peak	54.36	1.41	55.77	68.20	-12.43
5700.000	Peak	68.35	2.03	70.38	105.20	-34.82
5720.000	Peak	79.77	2.17	81.94	110.80	-28.86
5725.000	Peak	80.08	2.20	82.28	122.20	-39.92

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac40

Test Date :2024-06-17

Test Frequency :5755 MHz

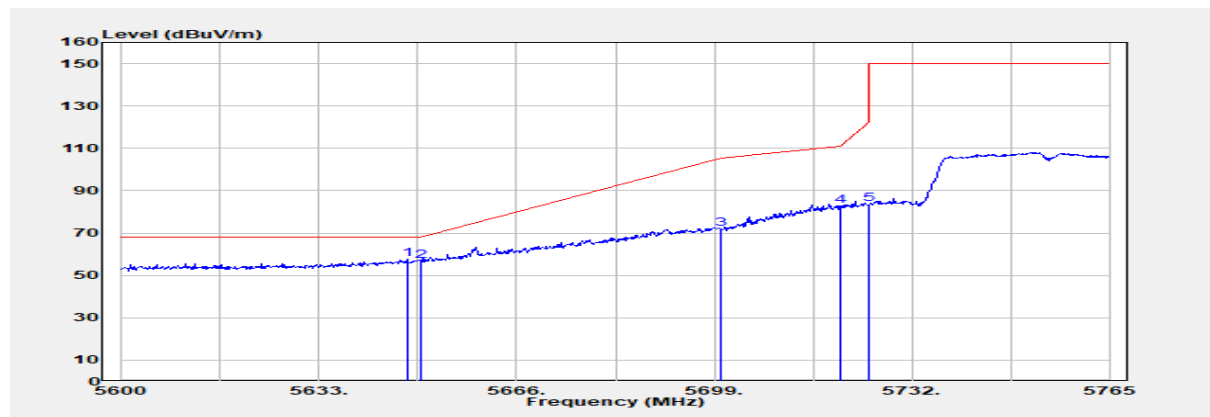
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5647.685	Peak	56.20	1.40	57.59	68.20	-10.61
5650.000	Peak	55.35	1.41	56.76	68.20	-11.44
5700.000	Peak	70.13	2.03	72.16	105.20	-33.04
5720.000	Peak	80.66	2.17	82.82	110.80	-27.98
5725.000	Peak	81.56	2.20	83.76	122.20	-38.44

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac40

Test Date :2024-06-17

Test Frequency :5795 MHz

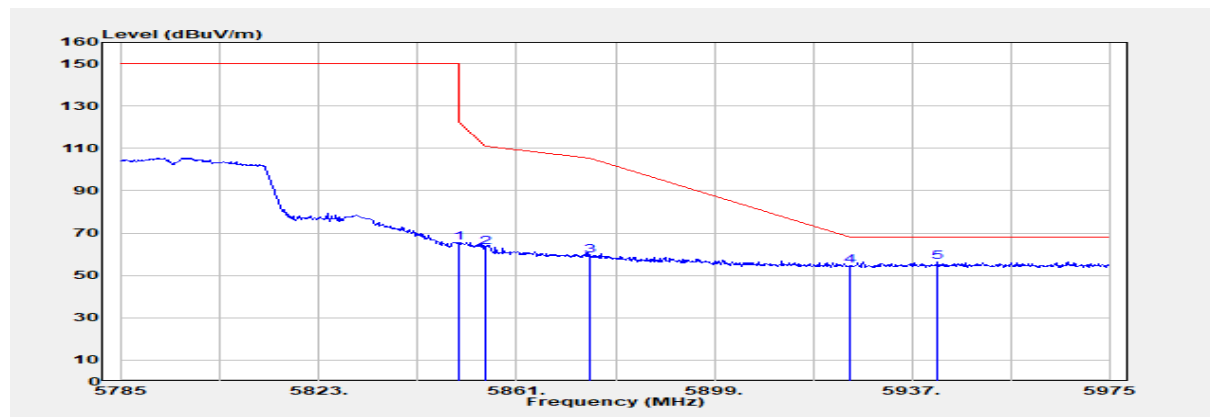
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5850.000	Peak	62.95	2.35	65.29	122.20	-56.91
5855.000	Peak	60.81	2.36	63.17	110.80	-47.63
5875.000	Peak	57.05	2.40	59.44	105.20	-45.76
5925.000	Peak	51.91	2.60	54.50	68.20	-13.70
5941.940	Peak	53.86	2.69	56.55	68.20	-11.65

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac40

Test Date :2024-06-17

Test Frequency :5795 MHz

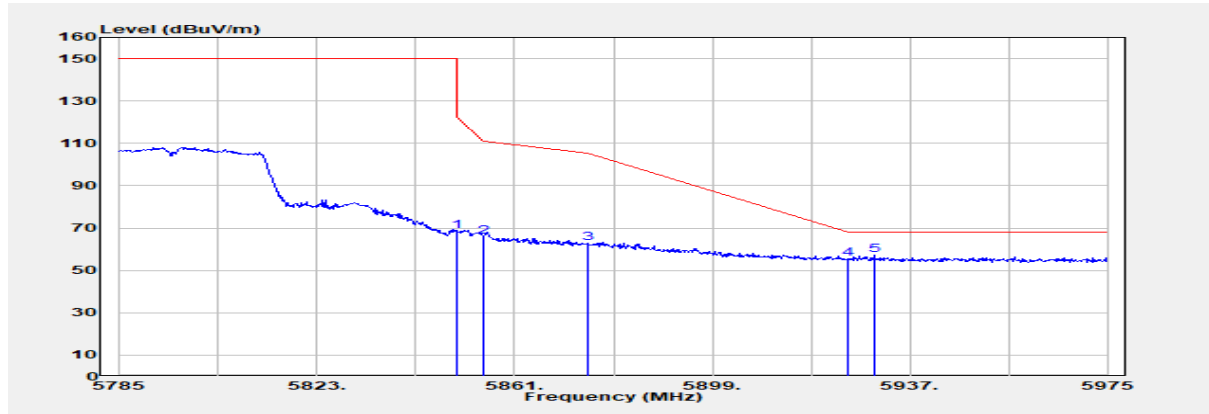
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5850.000	Peak	66.35	2.35	68.70	122.20	-53.50
5855.000	Peak	63.53	2.36	65.88	110.80	-44.92
5875.000	Peak	60.50	2.40	62.90	105.20	-42.30
5925.000	Peak	52.91	2.60	55.50	68.20	-12.70
5930.160	Peak	54.42	2.62	57.04	68.20	-11.16

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac80

Test Date :2024-06-17

Test Frequency :5210 MHz

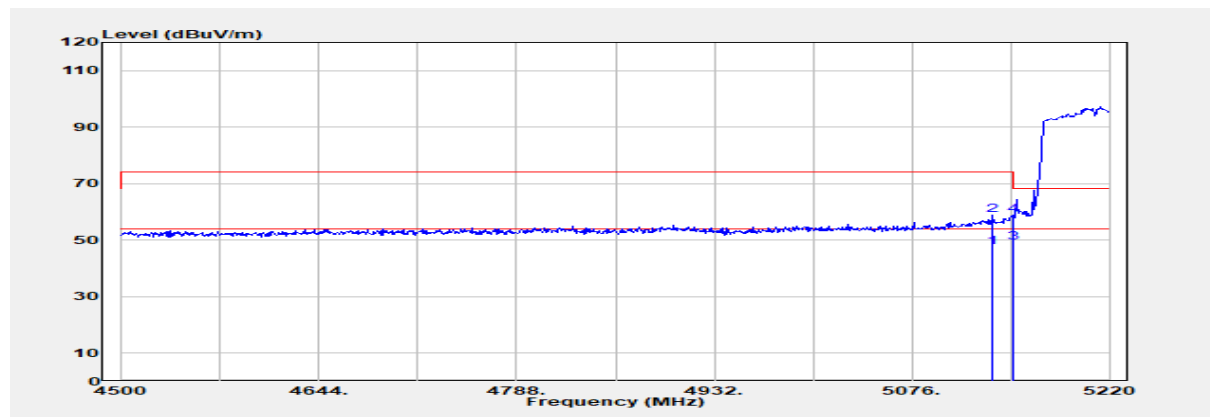
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5135.040	Average	46.50	1.06	47.56	54.00	-6.44
5135.040	Peak	57.67	1.06	58.73	74.00	-15.27
5150.000	Average	47.93	1.10	49.03	54.00	-4.97
5150.000	Peak	57.91	1.10	59.01	74.00	-14.99

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac80

Test Date :2024-06-17

Test Frequency :5210 MHz

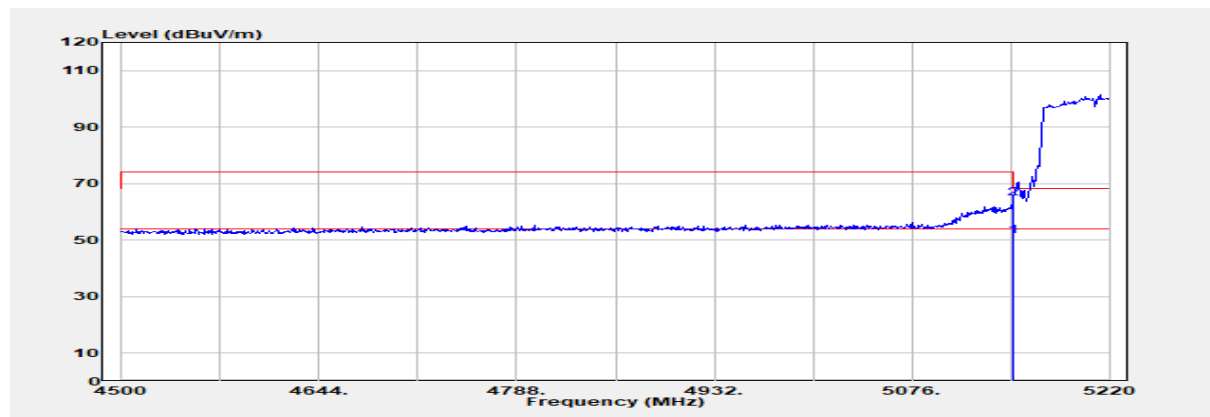
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5150.000	Average	50.30	1.10	51.40	54.00	-2.60
5150.000	Peak	63.69	1.10	64.78	74.00	-9.22

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac80

Test Date :2024-06-17

Test Frequency :5290 MHz

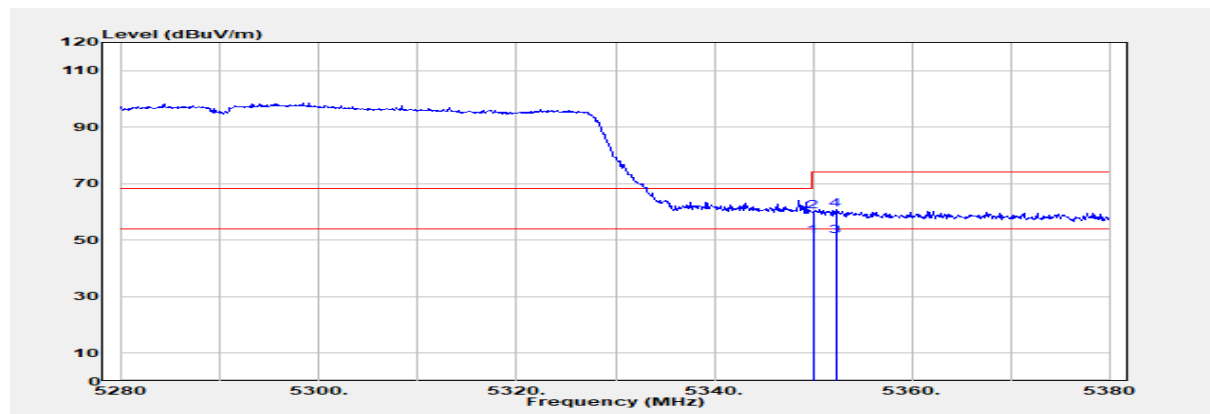
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	50.81	0.72	51.53	54.00	-2.47
5350.000	Peak	59.28	0.72	60.00	74.00	-14.00
5352.300	Average	50.53	0.74	51.27	54.00	-2.73
5352.300	Peak	60.24	0.74	60.97	74.00	-13.03

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac80

Test Date :2024-06-17

Test Frequency :5290 MHz

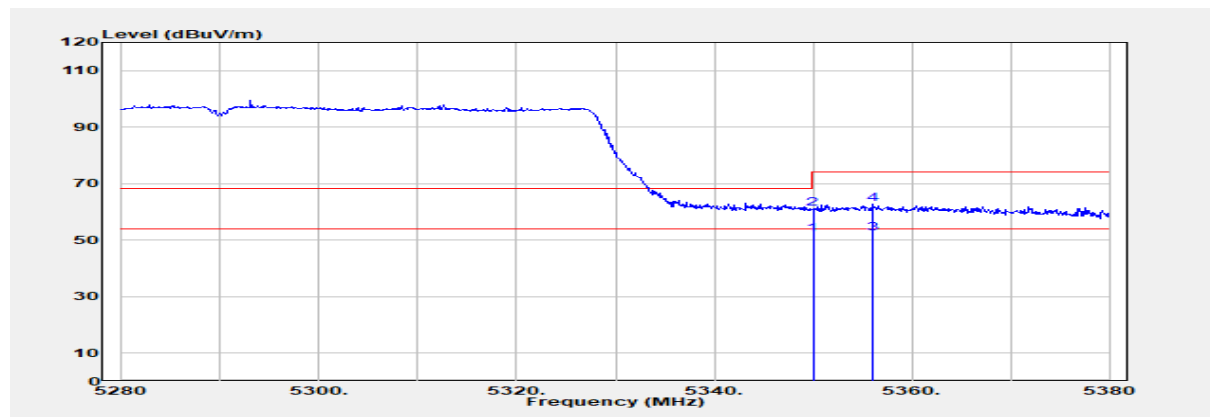
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	51.43	0.72	52.15	54.00	-1.85
5350.000	Peak	60.37	0.72	61.09	74.00	-12.91
5356.000	Average	51.74	0.76	52.51	54.00	-1.49
5356.000	Peak	61.86	0.76	62.63	74.00	-11.37

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac80

Test Date :2024-06-17

Test Frequency :5530 MHz

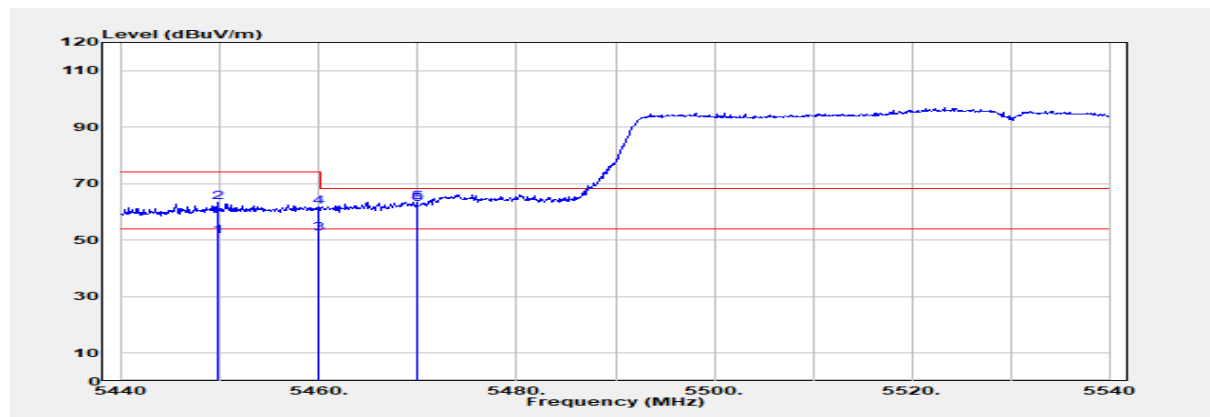
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5449.700	Average	50.10	1.43	51.53	54.00	-2.47
5449.700	Peak	62.02	1.43	63.45	74.00	-10.55
5460.000	Average	50.82	1.54	52.36	54.00	-1.64
5460.000	Peak	60.10	1.54	61.65	74.00	-12.35
5469.900	Peak	61.75	1.65	63.40	68.20	-4.80
5470.000	Peak	61.11	1.65	62.76	68.20	-5.44

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac80

Test Date :2024-06-17

Test Frequency :5530 MHz

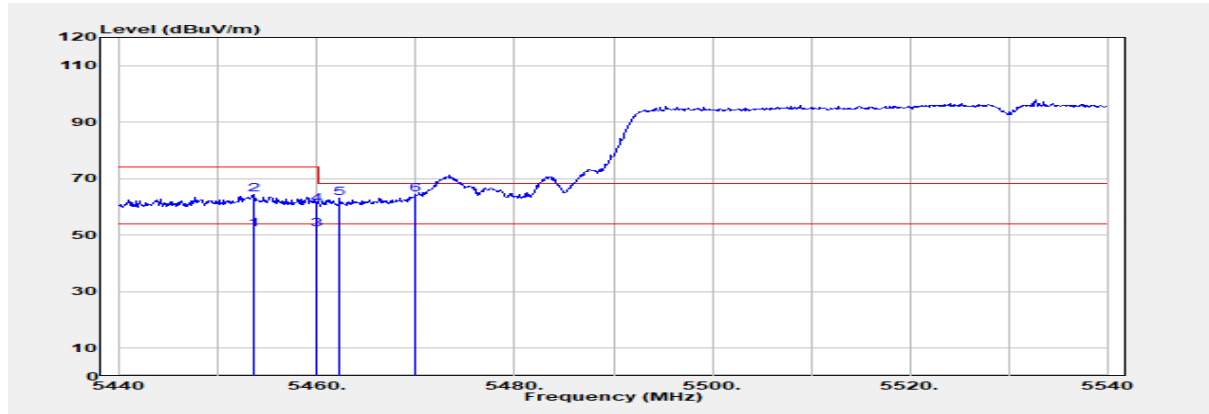
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5453.500	Average	50.52	1.47	51.99	54.00	-2.01
5453.500	Peak	63.00	1.47	64.48	74.00	-9.52
5460.000	Average	50.52	1.54	52.06	54.00	-1.94
5460.000	Peak	59.39	1.54	60.93	74.00	-13.07
5462.300	Peak	61.64	1.57	63.21	68.20	-4.99
5470.000	Peak	62.74	1.65	64.39	68.20	-3.81

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac80

Test Date :2024-06-17

Test Frequency :5610 MHz

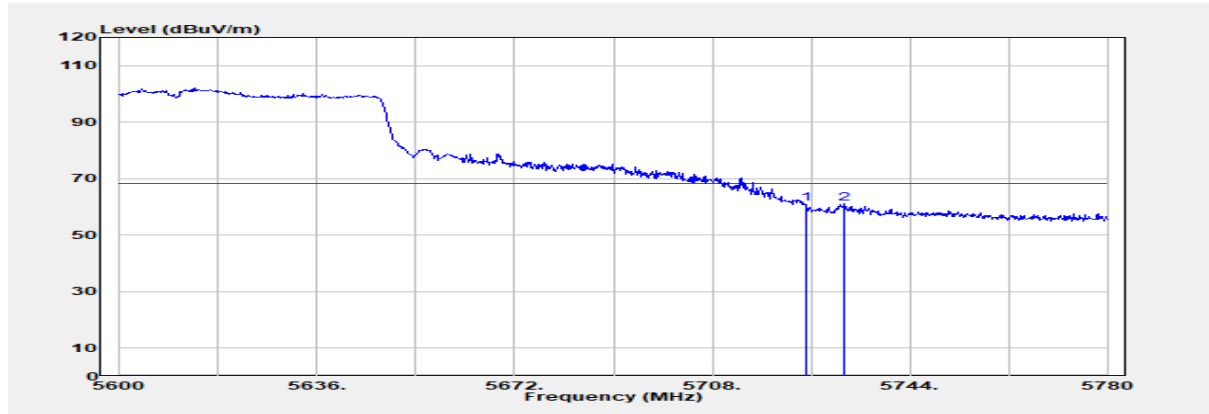
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5725.000	Peak	58.86	2.20	61.06	68.20	-7.14
5732.120	Peak	58.94	2.25	61.18	68.20	-7.02

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac80

Test Date :2024-06-17

Test Frequency :5610 MHz

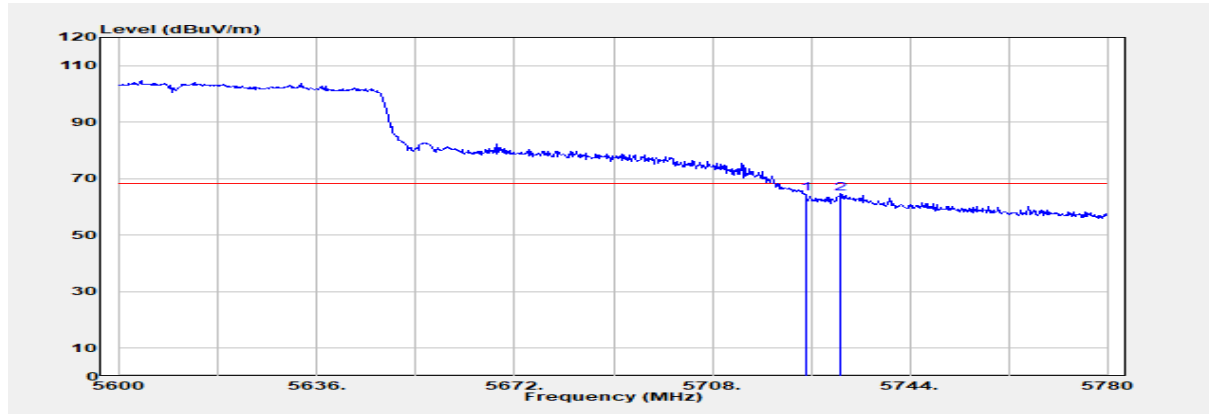
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5725.000	Peak	62.47	2.20	64.67	68.20	-3.53
5731.400	Peak	62.33	2.24	64.57	68.20	-3.63

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac80

Test Date :2024-06-17

Test Frequency :5690 MHz

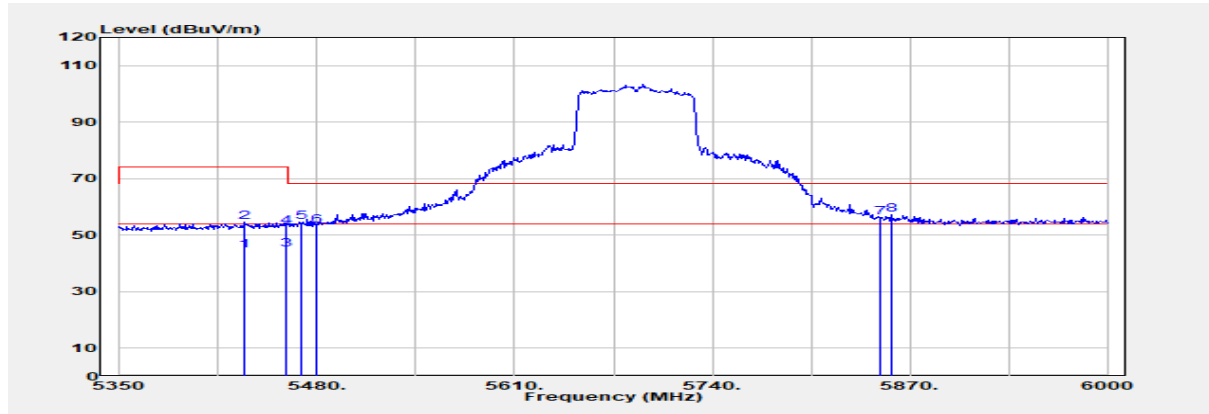
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5432.550	Average	43.21	1.31	44.52	54.00	-9.48
5432.550	Peak	53.28	1.31	54.60	74.00	-19.40
5460.000	Average	43.36	1.54	44.90	54.00	-9.10
5460.000	Peak	51.56	1.54	53.10	74.00	-20.90
5470.000	Peak	52.90	1.65	54.55	68.20	-13.65
5480.000	Peak	51.53	1.76	53.28	68.20	-14.92
5850.000	Peak	53.83	2.35	56.18	68.20	-12.02
5857.650	Peak	54.82	2.36	57.19	68.20	-11.01

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac80

Test Date :2024-06-17

Test Frequency :5690 MHz

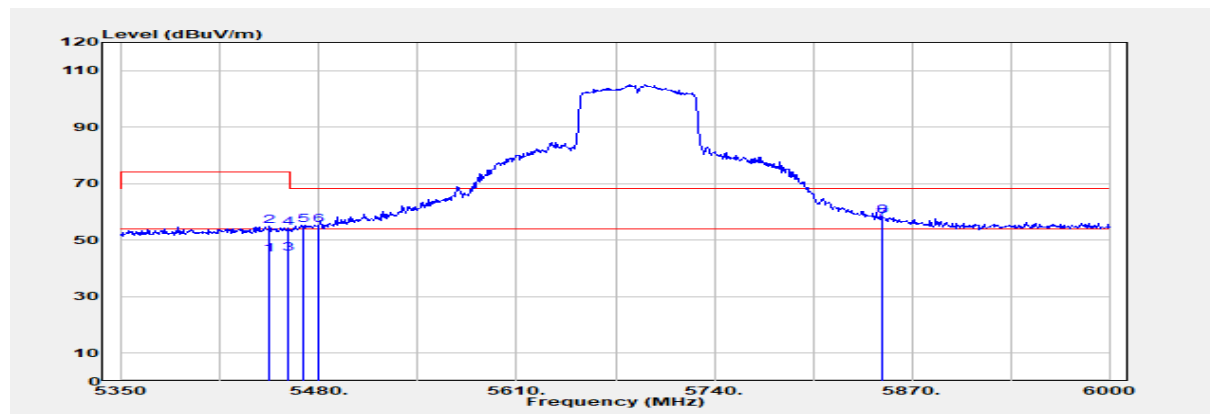
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5447.500	Average	43.55	1.42	44.97	54.00	-9.03
5447.500	Peak	53.42	1.42	54.84	74.00	-19.16
5460.000	Average	43.66	1.54	45.21	54.00	-8.79
5460.000	Peak	52.71	1.54	54.25	74.00	-19.75
5470.000	Peak	53.58	1.65	55.23	68.20	-12.97
5480.000	Peak	53.58	1.76	55.34	68.20	-12.86
5850.000	Peak	54.74	2.35	57.09	68.20	-11.11
5851.150	Peak	56.34	2.35	58.69	68.20	-9.51

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac80

Test Date :2024-06-17

Test Frequency :5775 MHz

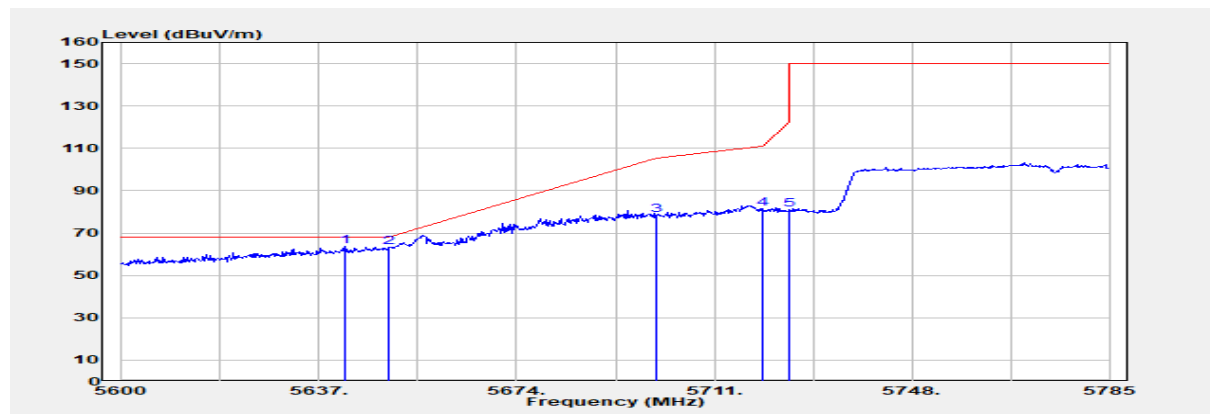
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5641.995	Peak	62.29	1.37	63.65	68.20	-4.55
5650.000	Peak	61.93	1.41	63.34	68.20	-4.86
5700.000	Peak	76.47	2.03	78.50	105.20	-26.70
5720.000	Peak	79.30	2.17	81.47	110.80	-29.33
5725.000	Peak	79.07	2.20	81.27	122.20	-40.93

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac80

Test Date :2024-06-17

Test Frequency :5775 MHz

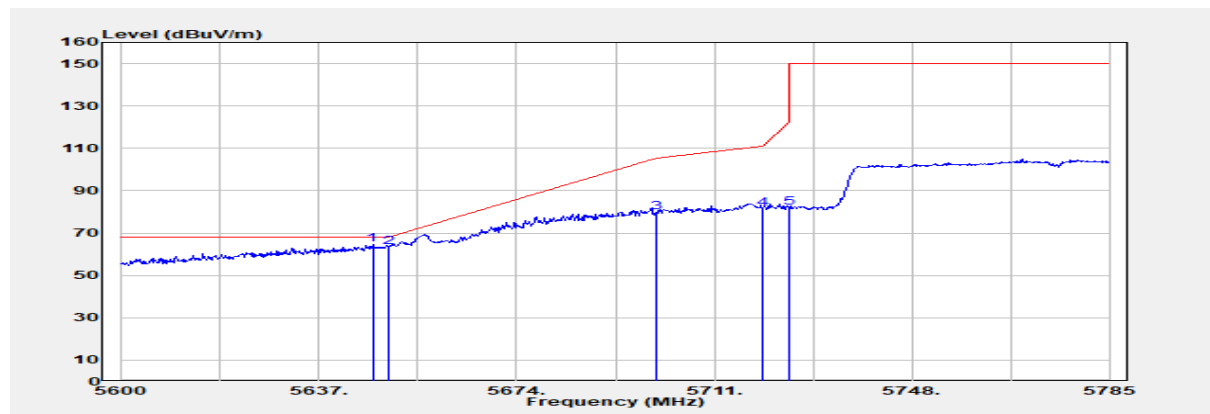
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5646.990	Peak	63.12	1.39	64.51	68.20	-3.69
5650.000	Peak	61.83	1.41	63.24	68.20	-4.96
5700.000	Peak	77.59	2.03	79.62	105.20	-25.58
5720.000	Peak	79.22	2.17	81.39	110.80	-29.41
5725.000	Peak	79.68	2.20	81.88	122.20	-40.32

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac80

Test Date :2024-06-17

Test Frequency :5775 MHz

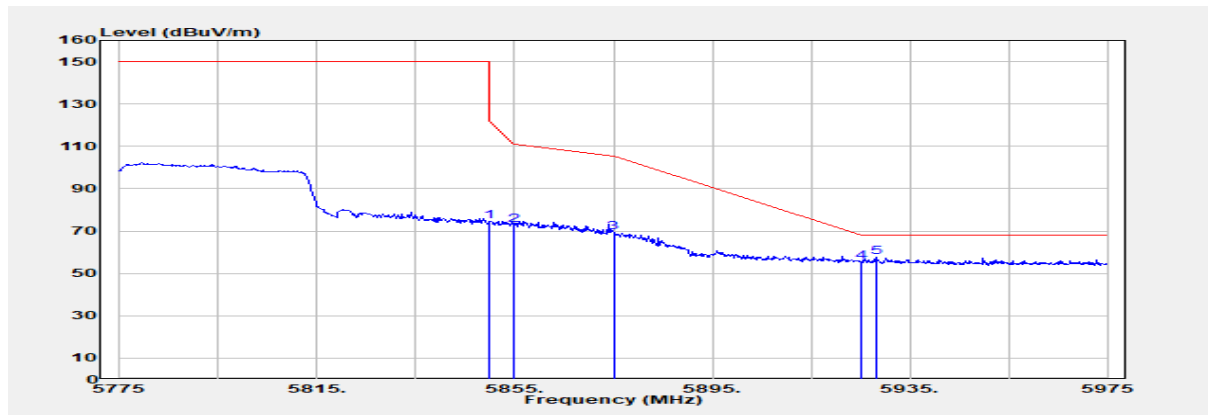
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5850.000	Peak	72.27	2.35	74.61	122.20	-47.59
5855.000	Peak	70.65	2.36	73.00	110.80	-37.80
5875.000	Peak	66.77	2.40	69.17	105.20	-36.03
5925.000	Peak	52.85	2.60	55.44	68.20	-12.76
5928.200	Peak	55.16	2.61	57.77	68.20	-10.43

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Report Number :TERF2404001056E2

Test Site :SAC C

Operation Mode :802.11ac80

Test Date :2024-06-17

Test Frequency :5775 MHz

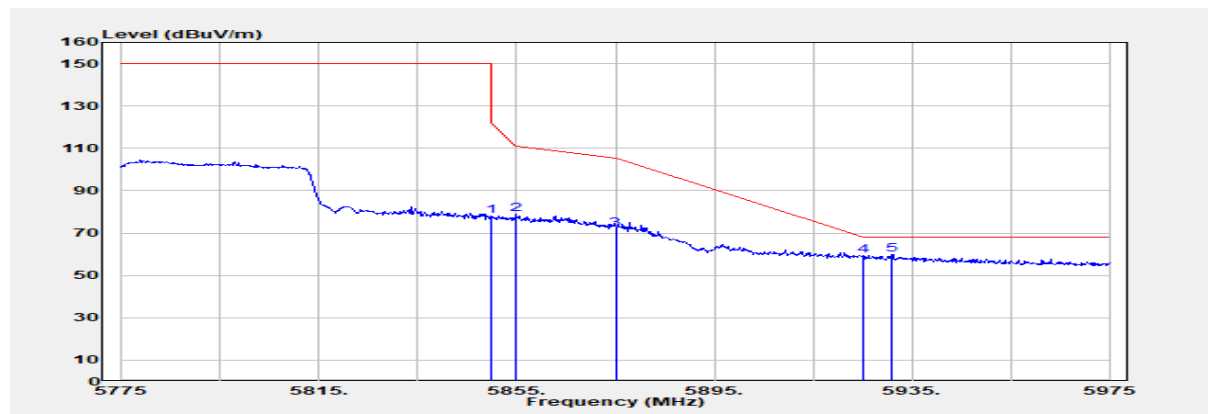
Temp./Humi. :22.5°C/53%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Howard Huang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5850.000	Peak	75.82	2.35	78.17	122.20	-44.03
5855.000	Peak	76.36	2.36	78.72	110.80	-32.08
5875.000	Peak	69.54	2.40	71.93	105.20	-33.27
5925.000	Peak	56.97	2.60	59.56	68.20	-8.64
5930.800	Peak	57.34	2.63	59.97	68.20	-8.23

~ End of Report ~

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