

**ELECTROMAGNETIC EMISSIONS
COMPLIANCE REPORT**

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

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

Product Name: Clover Companion

Brand Name: Clover

Model No.: C800

Report Number: TERF2404000849E2

FCC ID HFS-C800

Date of EUT Received: Mar. 29, 2024

Date of Test: Apr. 01, 2024 ~ Apr. 11, 2024

Issue Date: May 03, 2024

Approved By

Arno Hsieh

Arno Hsieh

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.

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
TERF2404000849E2	00	Original	Apr. 26, 2024	Yami Kuo	
TERF2404000849E2	01	Revised chapter 1.5	May 03, 2024	Yami Kuo	*

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 Companion
Brand Name:	Clover
Model No.:	C800
Hardware Version:	N/A
Firmware Version:	N/A
EUT Series No.:	C080UG40940094
Power Supply:	12Vdc
Test Software (Name/Version)	QRCT4.0.00206.0

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
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)
PIFA	Advanced Wireless & Antenna INC.	ALF6Y-100004	5150~5250	2.33
			5250~5350	2.33
			5475~5725	2.33
			5725~5825	2.33

Note:

1. 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	16.13 dBm	OFDM
	5260~5320	4	18.40 dBm	OFDM
	5500~5720	12	18.52 dBm	OFDM
	5745-5825	5	18.44 dBm	OFDM
802.11n_HT40/ 802.11ac_VHT40	5190~5230	2	16.47 dBm	OFDM
	5270~5310	2	16.24 dBm	OFDM
	5510~5710	6	16.59 dBm	OFDM
	5755-5795	2	16.48 dBm	OFDM
802.11ac_VHT80	5210	1	10.16 dBm	OFDM
	5290	1	9.23 dBm	OFDM
	5530~5690	3	15.56 dBm	OFDM
	5775	1	15.43 dBm	OFDM

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1.5 Test Methodology of Applied Standards

FCC Part 15, Subpart E §15.407

FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01

ANSI C63.10:2013

1.6 Test Facility

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

1.7 Special Accessories

There are no special accessories used while test was conducted.

1.8 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

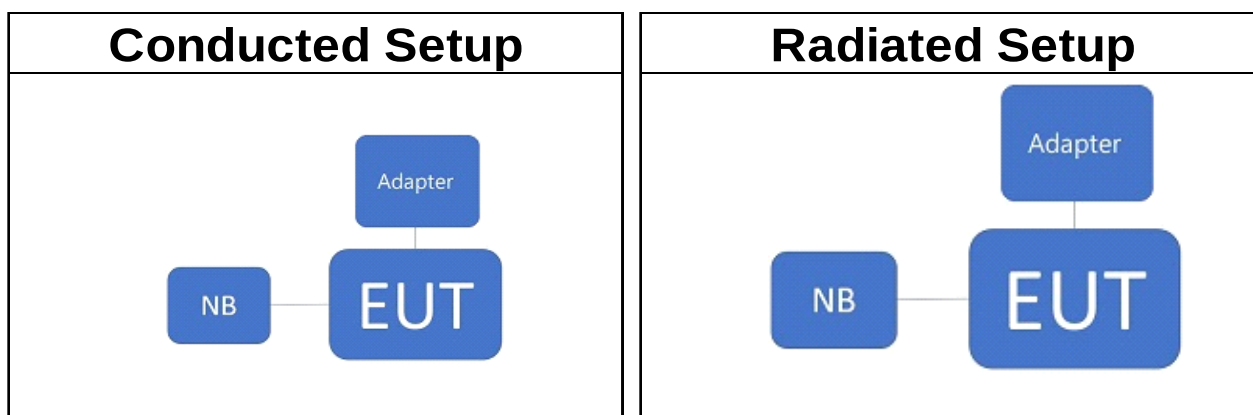
Radiated emission below 30MHz is measured in a 9m*6m*6m semi-anechoic chamber, the measurements correspond to those obtained at an open-field test site.

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.

2.5 Test Configuration



2.6 Control Unit(s)

Conducted Emission Test Site: Conducted C					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Adapter	clover	S024CEU1200200	N/A	N/A	N/A
Notebook	Lenovo	T14	P0003332	N/A	N/A

Radiated Emission Test Site: SAC G					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Adapter	clover	S024CEU1200200	N/A	N/A	N/A
Notebook	Lenovo	L480	P0002332	N/A	N/A

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3 SUMMARY OF TEST RESULT

FCC Rules	Description Of Test	Result
§15.407(a)	Maximum Conducted Output Power	Compliant
§15.205 §15.209 §15.407(b)	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
☒ 802.11 a	☒ Ch0	☐ Ch1	☐ Ch2	☐ Ch3	☒ 1TX	☐ 2TX
☒ 802.11 n	☒ Ch0	☐ Ch1	☐ Ch2	☐ Ch3	☒ 1TX	☐ 2TX
☒ 802.11 ac	☒ Ch0	☐ Ch1	☐ Ch2	☐ Ch3	☒ 1TX	☐ 2TX
☐ 802.11 ax	☐ Ch0	☐ Ch1	☐ Ch2	☐ Ch3	☐ 1TX	☐ 2TX

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

CONDUCTED TEST						
MODE	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			

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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			
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_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	102,118,134,142			
	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:

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

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5 MEASUREMENT UNCERTAINTY

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

Radiated Spurious Emission Measurement Uncertainty			
Polarization: Vertical	+/-	1.89 dB	9kHz~30MHz
	+/-	4.15 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 C					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Spectrum Analyzer	KEYSIGHT	N9010B	MY59071573	05/23/2023	05/22/2024
Power Meter	Anritsu	ML2496A	2138002	08/31/2023	08/30/2024
Power Sensor	Anritsu	MA2411B	1911390	08/31/2023	08/30/2024
Power Sensor	Anritsu	MA2411B	1911398	08/31/2023	08/30/2024
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	RF19	11/15/2023	11/14/2024
DC Block	PASTERNAK	PE8210	RF155	11/15/2023	11/14/2024

6.2 Radiated Measurement

Radiated Emission Test Site: SAC G					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Broadband Antenna	SCHWARZBECK	VULB 9168	1208	07/21/2023	07/20/2024
Horn Antenna	Schwarzbeck	BBHA9170	185	08/21/2023	08/20/2024
Horn Antenna	RF SPIN	DRH18-E	210105A18E	04/18/2023	04/17/2024
Loop Antenna	ETS.LINDGREN	6502	143303	05/23/2023	05/22/2024
3m Site NSA	SGS	966 chamber G	N/A	03/30/2024	03/29/2025
Spectrum Analyzer	KEYSIGHT	N9010A	MY51440113	07/17/2023	07/16/2024
Test Software	audix	e3	E3 20923 SGS Ver.9 (C)	N.C.R	N.C.R
Pre-Amplifier	EMC Instruments	EMC330N	980781	03/15/2024	03/14/2025
Pre-Amplifier	EMC Instruments	EMC118A45SE	980815	03/15/2024	03/14/2025
Pre-Amplifier	EMC Instruments	EMC184945SEE	980938	11/15/2023	11/14/2024
Coaxial Cable	EMC Instruments	EMCCFD400-NM-NM-8000-5000-2000	210216 、 210217 、 210218	03/15/2024	03/14/2025
Coaxial Cable	EMC Instruments	EMC104-SM-SM-8000-5000-5000	210219 、 210220 、 210221	03/15/2024	03/14/2025

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.

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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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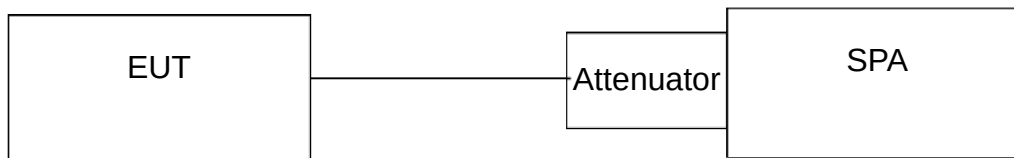
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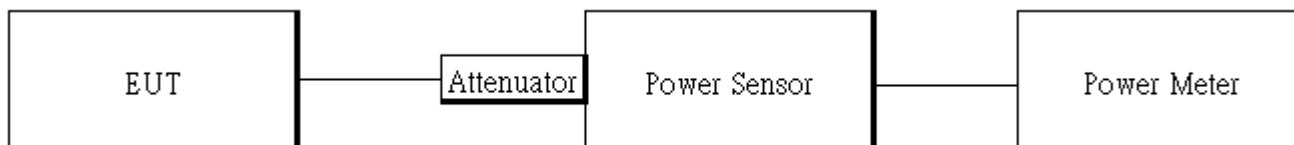
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7.2 Test Setup

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 $10 \log(1/\text{duty cycle})$.
6. Repeat above procedures until all frequency (low, middle, and high channel) measured were complete.

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

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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	98.19	0.08	0.48	0.01
802.11n_20	98.16	0.08	0.52	0.01
802.11ac_20	98.17	0.08	0.52	0.01
802.11n_40	96.34	0.16	1.05	2.00
802.11ac_40	96.36	0.16	1.05	2.00
802.11ac_80	92.80	0.32	2.16	3.00

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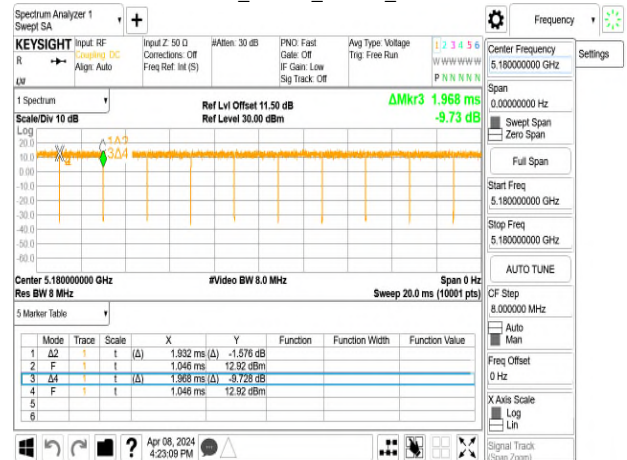
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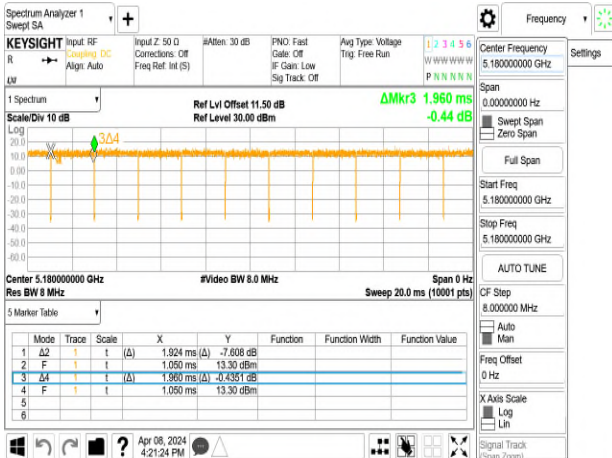
802.11a_20MHz_Chain0_5180MHz



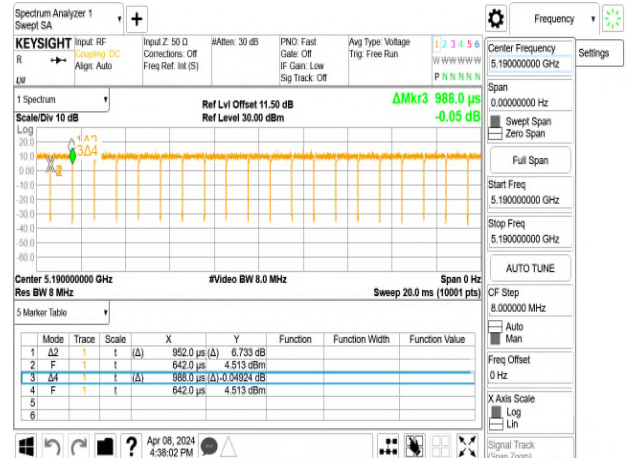
802.11ac_20MHz_Chain0_5180MHz



802.11n_20MHz_Chain0_5180MHz



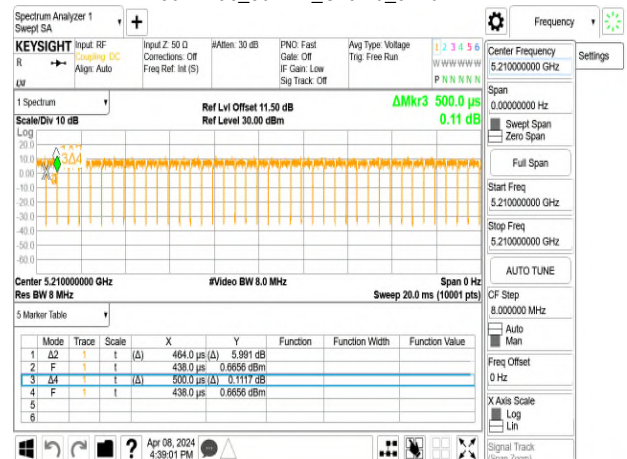
802.11ac_40MHz_Chain0_5190MHz



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	17.5	39.531	15.97	23.98	PASS
44	5220	6	17.5	39.258	15.94	23.98	PASS
48	5240	6	17.5	38.809	15.89	23.98	PASS
52	5260	6	20	67.442	18.29	23.98	PASS
60	5300	6	20	69.172	18.40	23.98	PASS
64	5320	6	18.5	52.232	17.18	23.98	PASS
100	5500	6	19	52.958	17.24	23.98	PASS
116	5580	6	21	71.110	18.52	23.98	PASS
140	5700	6	19	59.283	17.73	23.98	PASS
144	5720(U-NII 2C)	6	21	47.473	16.76	23.71	PASS
144	5720 (U-NII 3)	6	21	22.018	13.43	30	PASS
149	5745	6	21.5	69.812	18.44	30	PASS
157	5785	6	21.5	69.013	18.39	30	PASS
165	5825	6	22	69.172	18.40	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	16.5	35.568	15.51	23.98	PASS
44	5220	MCS0	18	39.361	15.95	23.98	PASS
48	5240	MCS0	17.5	40.371	16.06	23.98	PASS
52	5260	MCS0	19.5	56.113	17.49	23.98	PASS
60	5300	MCS0	19	54.458	17.36	23.98	PASS
64	5320	MCS0	17	40.838	16.11	23.98	PASS
100	5500	MCS0	17	43.961	16.43	23.98	PASS
116	5580	MCS0	20.5	55.727	17.46	23.98	PASS
140	5700	MCS0	16.5	28.059	14.48	23.98	PASS
144	5720(U-NII 2C)	MCS0	20.5	37.151	15.70	23.98	PASS
144	5720 (U-NII 3)	MCS0	20.5	17.685	12.48	30	PASS
149	5745	MCS0	20.5	53.342	17.27	30	PASS
157	5785	MCS0	21	56.113	17.49	30	PASS
165	5825	MCS0	21	54.962	17.40	30	PASS

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802.11n_HT40_Ch0

CH	Frequency (MHz)	Data Rate	Power Setting	TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
38	5190	MCS0	10.5	10.500	10.21	23.98	PASS
46	5230	MCS0	17.5	43.974	16.43	23.98	PASS
54	5270	MCS0	17	40.662	16.09	23.98	PASS
62	5310	MCS0	11	11.754	10.70	23.98	PASS
102	5510	MCS0	13	18.501	12.67	23.98	PASS
110	5550	MCS0	18	42.383	16.27	23.98	PASS
134	5670	MCS0	18	41.610	16.19	23.98	PASS
142	5710(U-NII 2C)	MCS0	18.5	33.384	15.24	23.98	PASS
142	5710 (U-NII 3)	MCS0	18.5	11.098	10.45	30	PASS
151	5755	MCS0	19	43.571	16.39	30	PASS
159	5795	MCS0	19	43.370	16.37	30	PASS

802.11ac_VHT20_Ch0

CH	Frequency (MHz)	Data Rate	Power Setting	TOTAL POWER (mW)	TOTAL POWER (dBm)	REQUIRED LIMIT (dBm)	RESULT
36	5180	MCS0	16.5	35.894	15.55	23.98	PASS
44	5220	MCS0	18	39.813	16.00	23.98	PASS
48	5240	MCS0	17.5	41.004	16.13	23.98	PASS
52	5260	MCS0	19.5	58.455	17.67	23.98	PASS
60	5300	MCS0	19	56.302	17.51	23.98	PASS
64	5320	MCS0	17	43.956	16.43	23.98	PASS
100	5500	MCS0	17	44.671	16.50	23.98	PASS
116	5580	MCS0	20.5	56.108	17.49	23.98	PASS
140	5700	MCS0	16.5	28.315	14.52	23.98	PASS
144	5720(U-NII 2C)	MCS0	20.5	37.586	15.75	23.98	PASS
144	5720 (U-NII 3)	MCS0	20.5	17.892	12.53	30	PASS
149	5745	MCS0	20.5	54.265	17.35	30	PASS
157	5785	MCS0	21	57.946	17.63	30	PASS
165	5825	MCS0	21	55.953	17.48	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	10.5	10.718	10.30	23.98	PASS
46	5230	MCS0	17.5	44.371	16.47	23.98	PASS
54	5270	MCS0	17	42.073	16.24	23.98	PASS
62	5310	MCS0	11	12.249	10.88	23.98	PASS
102	5510	MCS0	13	19.059	12.80	23.98	PASS
110	5550	MCS0	18	44.086	16.44	23.98	PASS
134	5670	MCS0	18	42.413	16.28	23.98	PASS
142	5710(U-NII 2C)	MCS0	18.5	34.186	15.34	23.98	PASS
142	5710 (U-NII 3)	MCS0	18.5	11.365	10.56	30	PASS
151	5755	MCS0	19	44.453	16.48	30	PASS
159	5795	MCS0	19	43.662	16.40	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	10	10.386	10.16	23.98	PASS
58	5290	MCS0	9	8.384	9.23	23.98	PASS
106	5530	MCS0	10	8.820	9.45	23.98	PASS
122	5610	MCS0	17.5	35.682	15.52	23.98	PASS
138	5690(U-NII 2C)	MCS0	17.5	29.078	14.64	23.98	PASS
138	5690 (U-NII 3)	MCS0	17.5	6.934	8.41	30	PASS
155	5775	MCS0	18	34.950	15.43	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:

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

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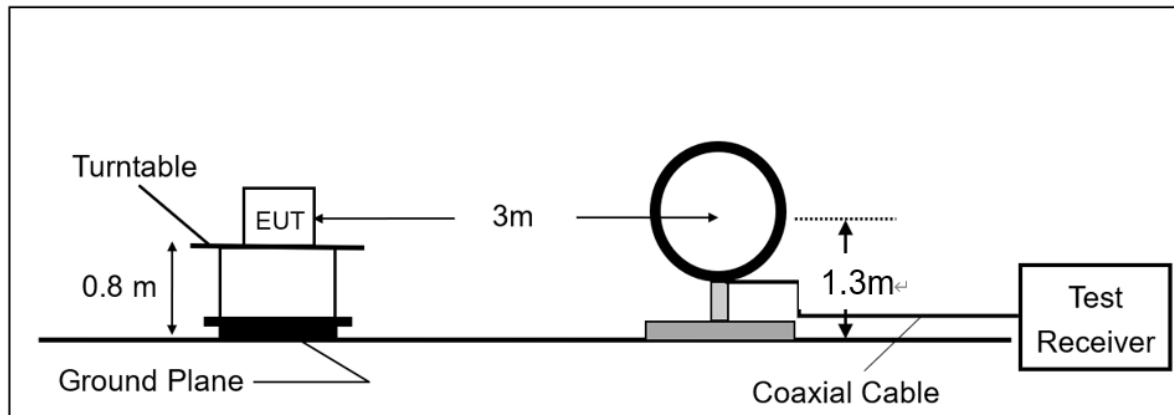
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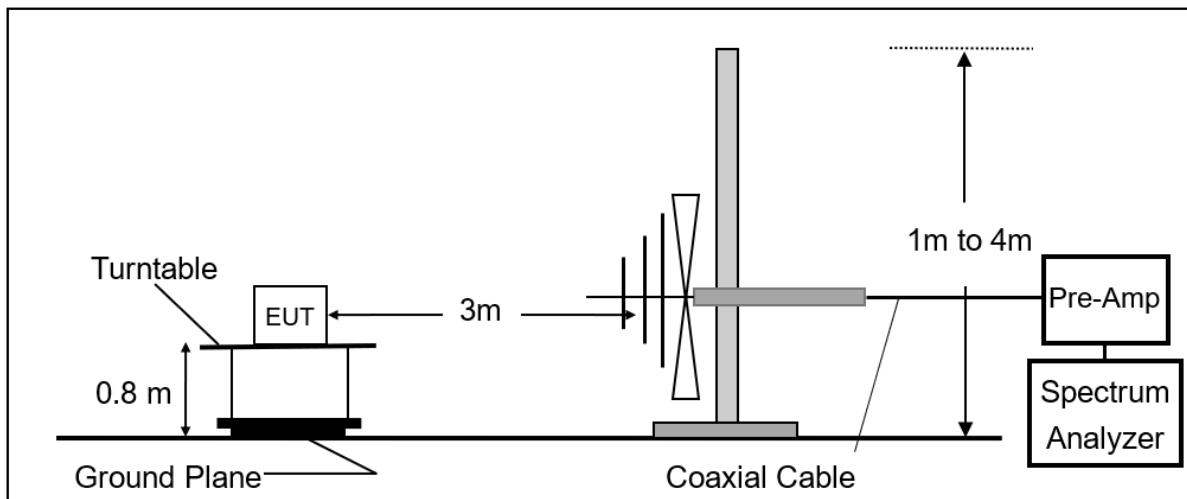
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8.2 Test Setup

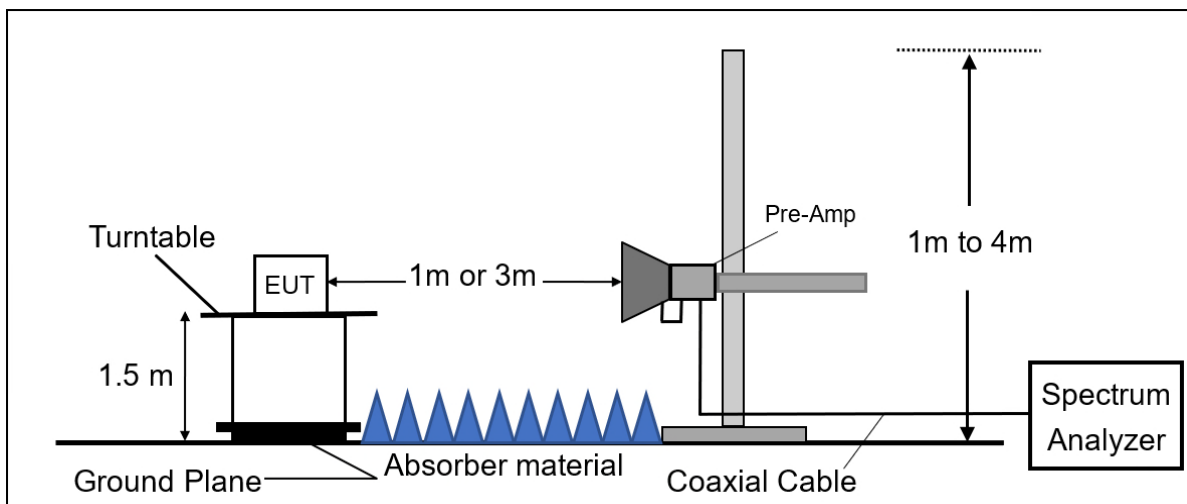
(A) Radiated Emission Test Set-Up, Frequency Below 30MHz.



(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) was not reported.

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8.6 Radiated Spurious Emission Measurement Result

8.6.1 Spurious Emission

Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-11

Test Frequency :5220 MHz

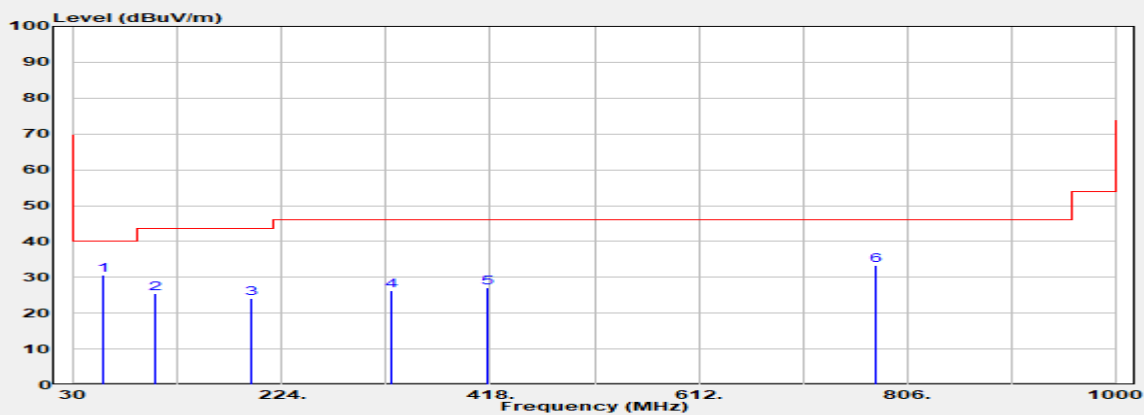
Temp./Humi. :23.0°C/50%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
58.130	Peak	43.62	-12.95	30.67	40.00	-9.33
105.660	Peak	42.13	-16.73	25.40	43.50	-18.10
194.900	Peak	39.58	-15.47	24.11	43.50	-19.39
325.850	Peak	37.37	-11.18	26.19	46.00	-19.81
415.090	Peak	36.51	-9.41	27.10	46.00	-18.90
776.900	Peak	34.87	-1.51	33.36	46.00	-12.64

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-11

Test Frequency :5220 MHz

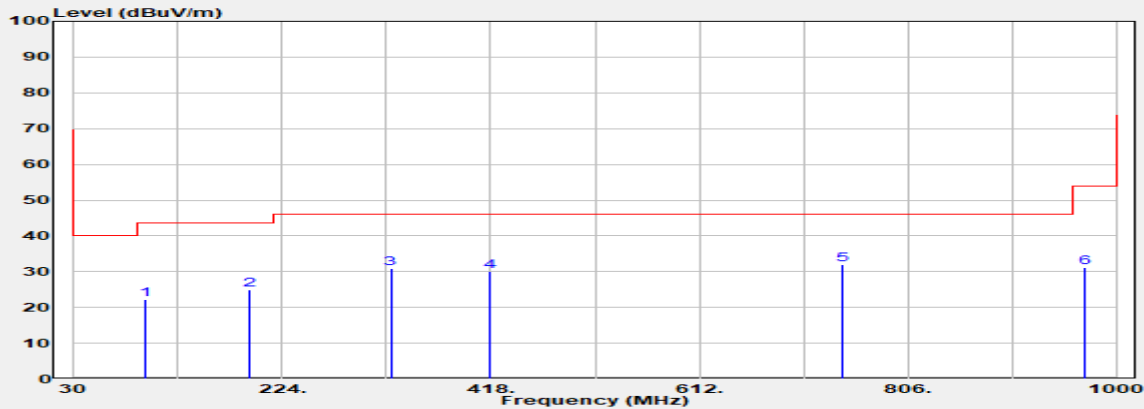
Temp./Humi. :23.0°C/50%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
95.960	Peak	40.26	-17.96	22.30	43.50	-21.20
192.960	Peak	40.39	-15.44	24.95	43.50	-18.55
324.880	Peak	42.03	-11.18	30.85	46.00	-15.15
417.030	Peak	39.56	-9.42	30.14	46.00	-15.86
744.890	Peak	34.03	-2.15	31.88	46.00	-14.12
970.900	Peak	29.99	1.26	31.25	54.00	-22.75

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-11

Test Frequency :5300 MHz

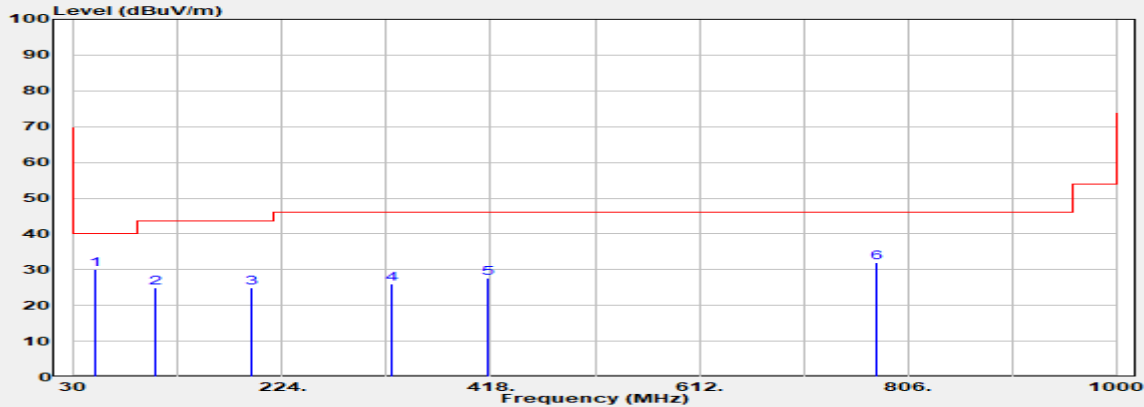
Temp./Humi. :23.0°C/50%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
50.370	Peak	42.72	-12.64	30.08	40.00	-9.92
105.660	Peak	41.72	-16.73	24.99	43.50	-18.51
194.900	Peak	40.32	-15.47	24.84	43.50	-18.66
325.850	Peak	37.32	-11.18	26.15	46.00	-19.85
415.090	Peak	37.04	-9.41	27.63	46.00	-18.37
776.900	Peak	33.58	-1.51	32.07	46.00	-13.93

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-11

Test Frequency :5300 MHz

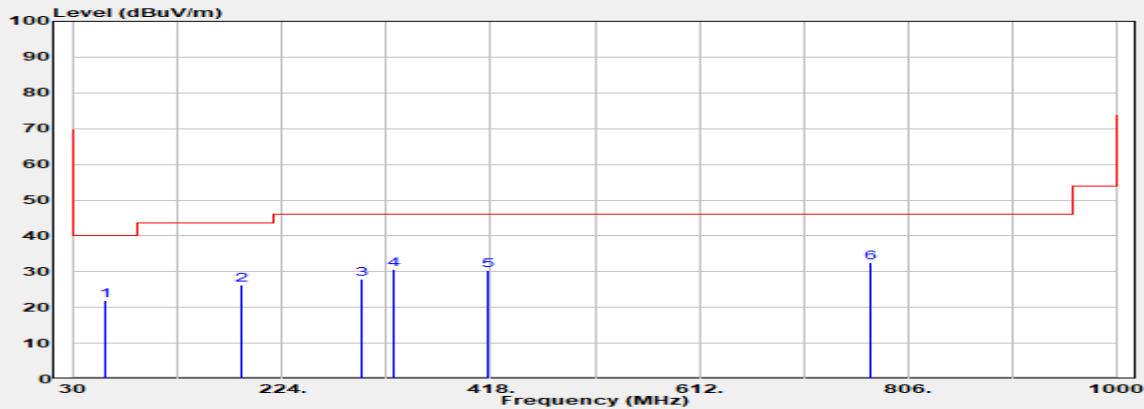
Temp./Humi. :23.0°C/50%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
59.100	Peak	35.10	-13.02	22.08	40.00	-17.92
186.170	Peak	41.24	-14.97	26.27	43.50	-17.23
298.690	Peak	40.00	-12.04	27.97	46.00	-18.03
326.820	Peak	41.78	-11.17	30.61	46.00	-15.39
415.090	Peak	39.66	-9.41	30.24	46.00	-15.76
772.050	Peak	34.07	-1.54	32.53	46.00	-13.47

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-11

Test Frequency :5580 MHz

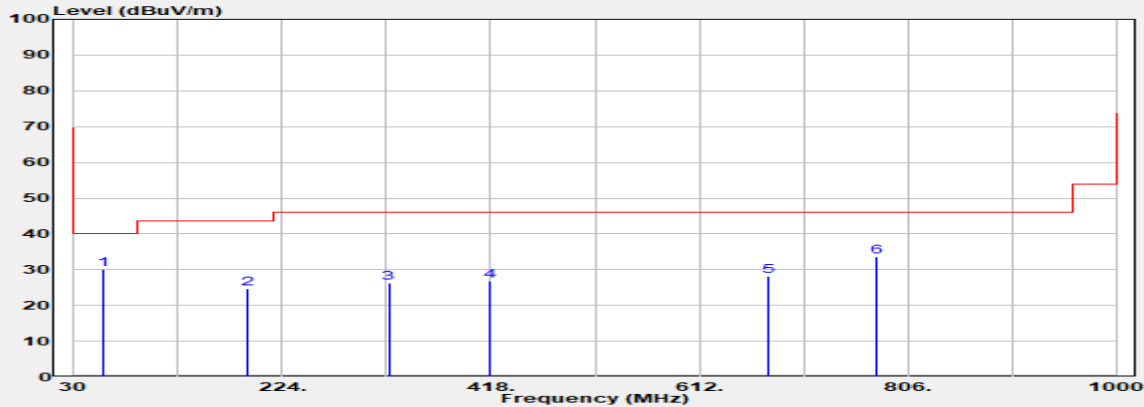
Temp./Humi. :23.0°C/50%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
58.130	Peak	43.13	-12.95	30.18	40.00	-9.82
191.020	Peak	39.90	-15.33	24.57	43.50	-18.93
322.940	Peak	37.41	-11.20	26.21	46.00	-19.79
417.030	Peak	36.33	-9.42	26.91	46.00	-19.09
676.020	Peak	31.44	-3.38	28.06	46.00	-17.94
776.900	Peak	34.99	-1.51	33.48	46.00	-12.52

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-11

Test Frequency :5580 MHz

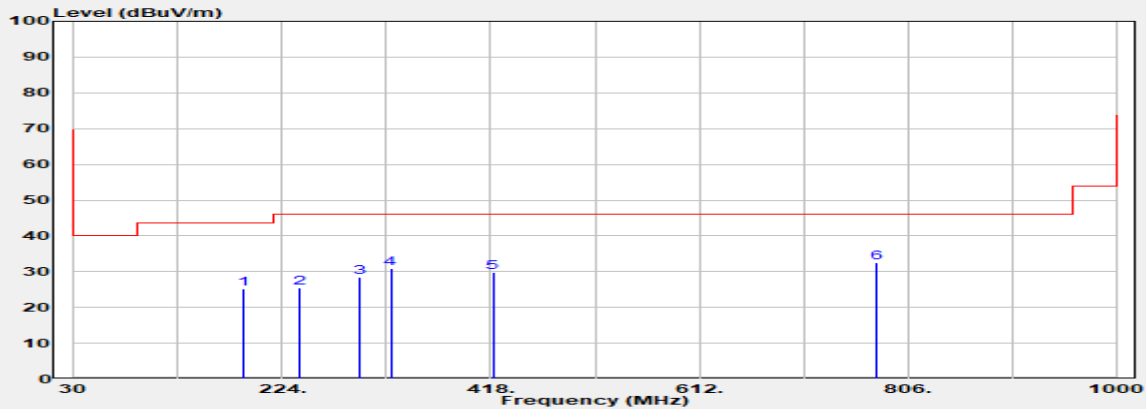
Temp./Humi. :23.0°C/50%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
187.140	Peak	40.16	-15.05	25.11	43.50	-18.39
239.520	Peak	39.55	-14.20	25.35	46.00	-20.65
296.750	Peak	40.49	-12.06	28.43	46.00	-17.57
324.880	Peak	41.95	-11.18	30.77	46.00	-15.23
419.940	Peak	39.34	-9.42	29.91	46.00	-16.09
776.900	Peak	34.01	-1.51	32.50	46.00	-13.50

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-11

Test Frequency :5785 MHz

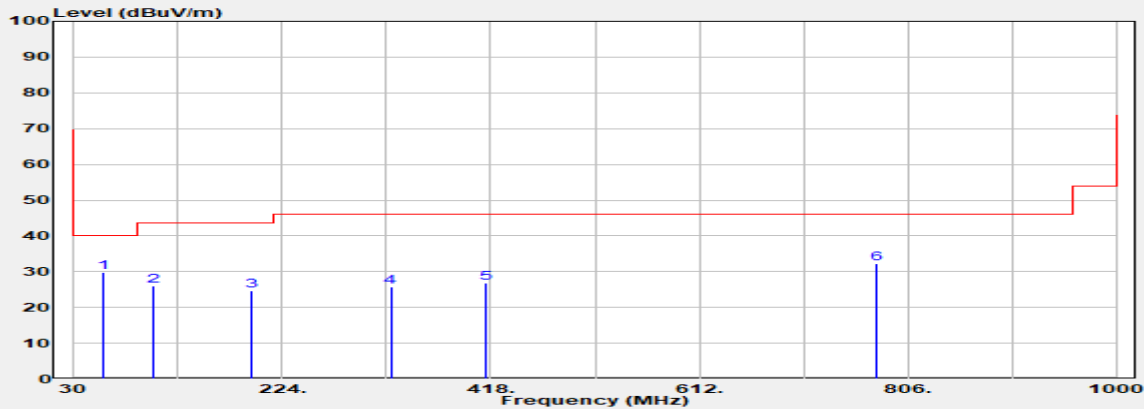
Temp./Humi. :23.0°C/50%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
58.130	Peak	42.83	-12.95	29.88	40.00	-10.12
103.720	Peak	42.95	-17.04	25.91	43.50	-17.59
194.900	Peak	40.11	-15.47	24.64	43.50	-18.86
324.880	Peak	36.89	-11.18	25.70	46.00	-20.30
414.120	Peak	36.32	-9.41	26.91	46.00	-19.09
776.900	Peak	33.86	-1.51	32.36	46.00	-13.64

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-11

Test Frequency :5785 MHz

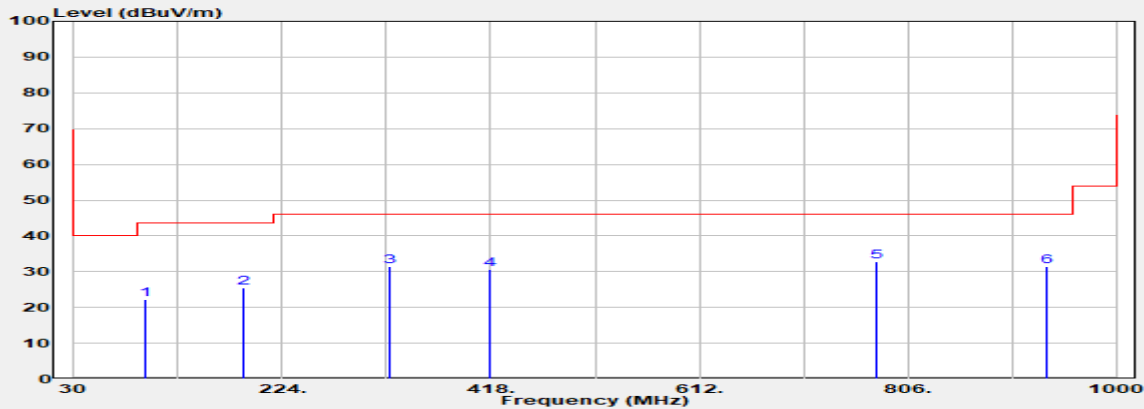
Temp./Humi. :23.0°C/50%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
95.960	Peak	40.21	-17.96	22.25	43.50	-21.25
187.140	Peak	40.54	-15.05	25.49	43.50	-18.01
323.910	Peak	42.65	-11.19	31.46	46.00	-14.54
418.000	Peak	40.18	-9.42	30.76	46.00	-15.24
776.900	Peak	34.35	-1.51	32.84	46.00	-13.16
935.010	Peak	31.68	-0.23	31.44	46.00	-14.56

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-10

Test Frequency :5180 MHz

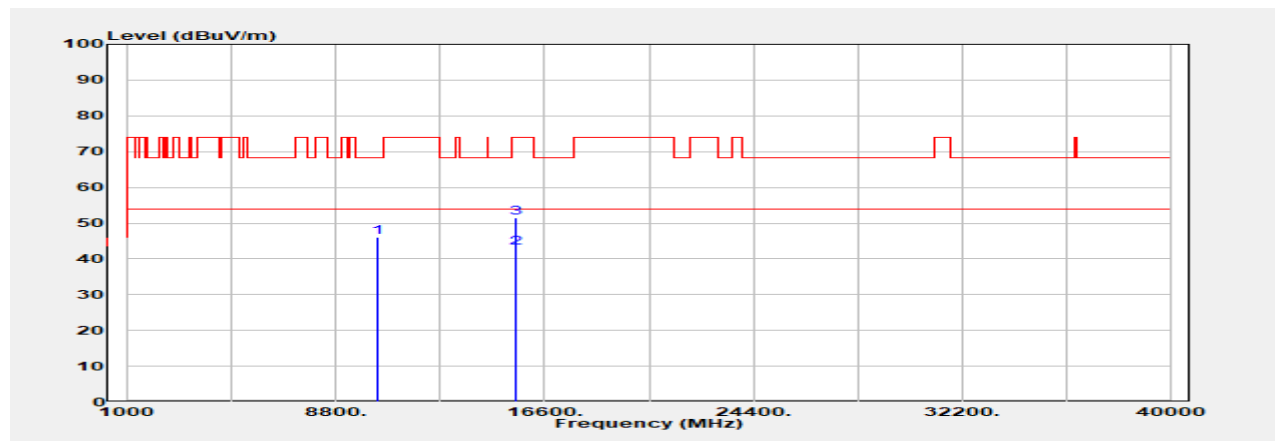
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	36.19	9.94	46.13	68.20	-22.07
15540.000	Average	30.43	12.54	42.97	54.00	-11.03
15540.000	Peak	39.08	12.54	51.61	74.00	-22.39

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-10

Test Frequency :5180 MHz

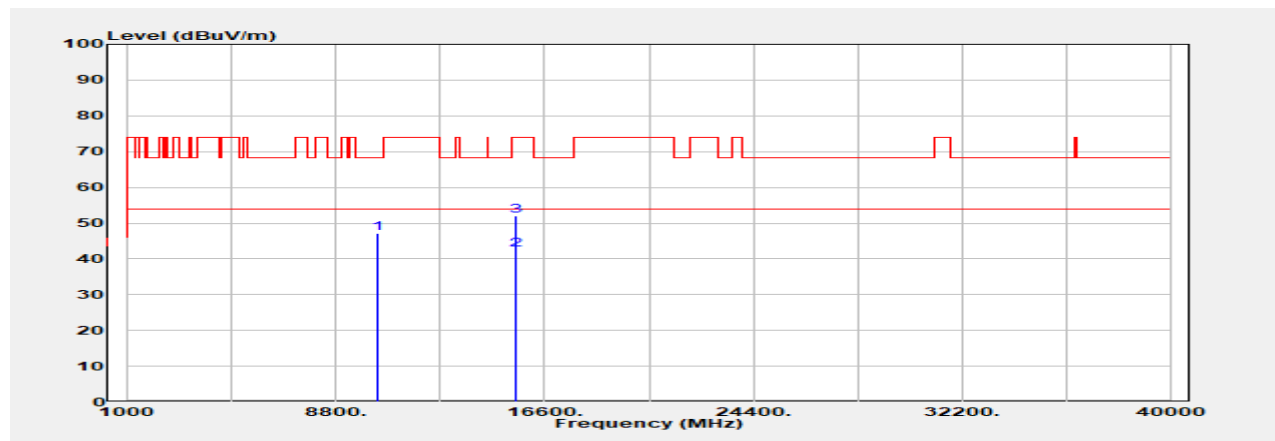
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	37.35	9.94	47.29	68.20	-20.91
15540.000	Average	30.02	12.54	42.56	54.00	-11.44
15540.000	Peak	39.58	12.54	52.12	74.00	-21.88

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台灣檢驗科技股份有限公司

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Member of SGS Group

Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-10

Test Frequency :5220 MHz

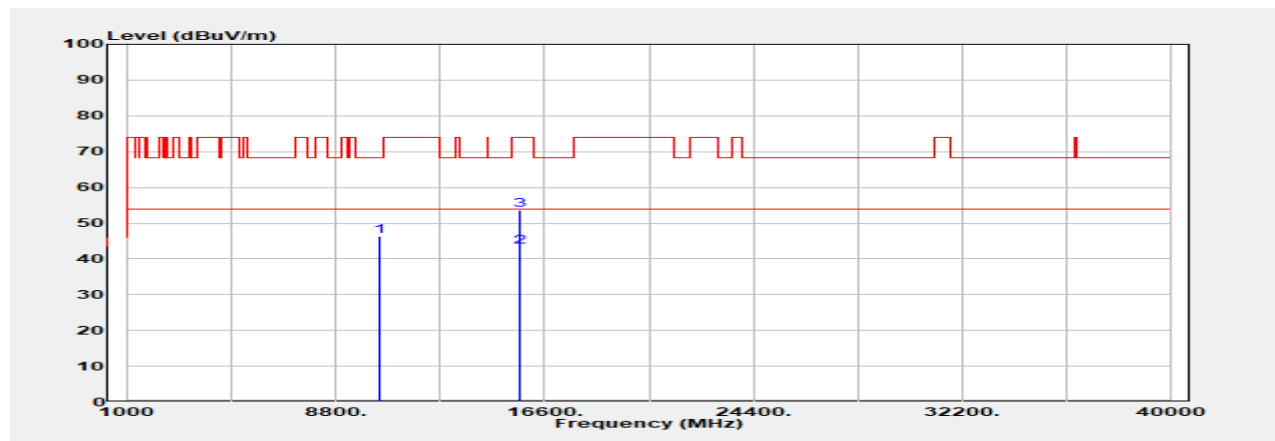
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	36.41	9.92	46.33	68.20	-21.87
15660.000	Average	30.24	13.20	43.44	54.00	-10.56
15660.000	Peak	40.51	13.20	53.71	74.00	-20.29

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-10

Test Frequency :5220 MHz

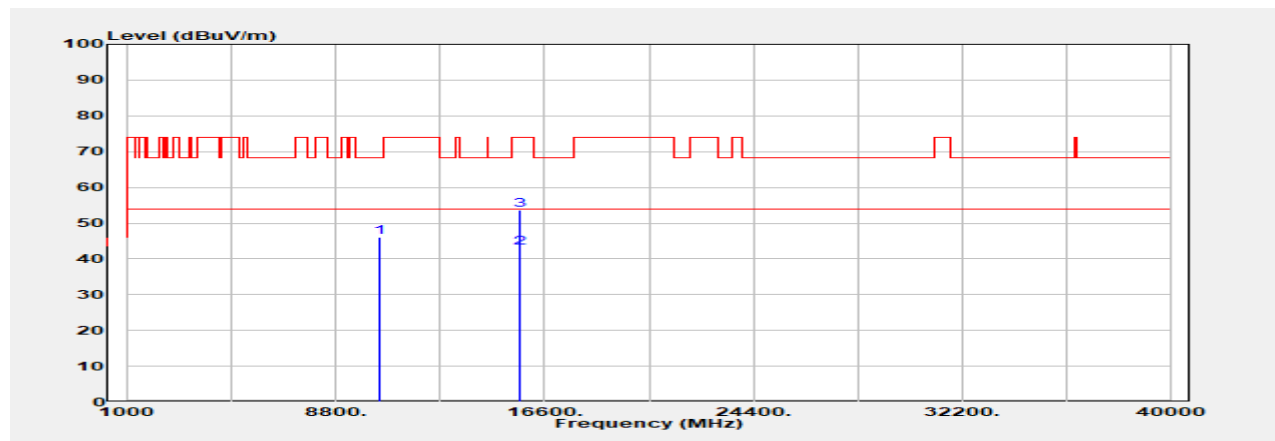
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	36.26	9.92	46.18	68.20	-22.02
15660.000	Average	29.87	13.20	43.07	54.00	-10.93
15660.000	Peak	40.52	13.20	53.72	74.00	-20.28

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-10

Test Frequency :5240 MHz

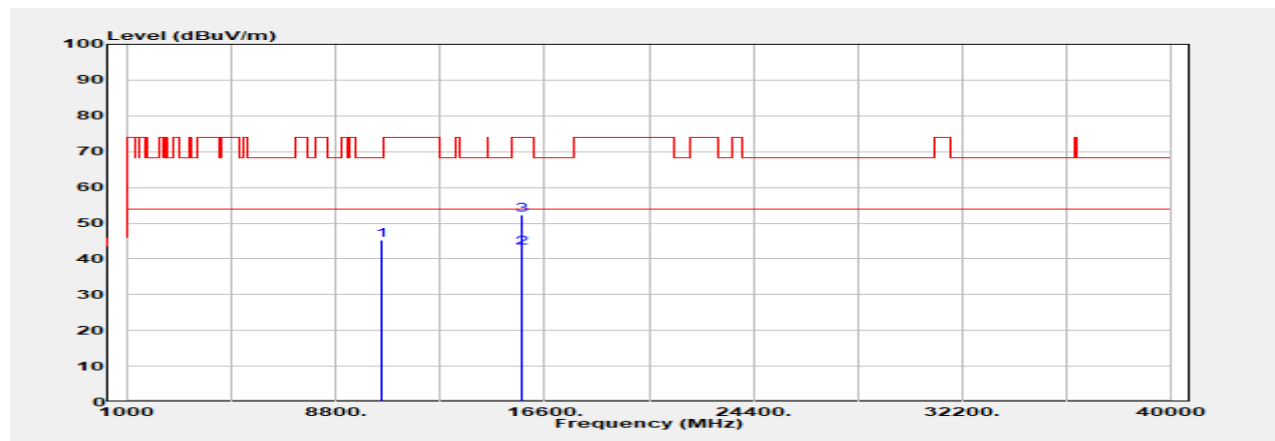
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	35.69	9.59	45.28	68.20	-22.92
15720.000	Average	29.33	13.67	43.00	54.00	-11.00
15720.000	Peak	38.69	13.67	52.36	74.00	-21.64

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-10

Test Frequency :5240 MHz

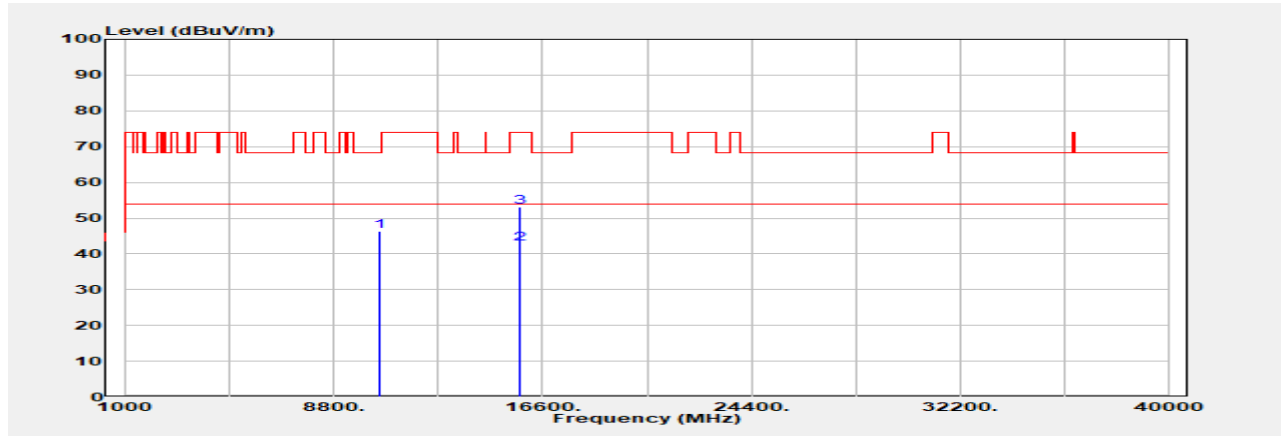
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	36.76	9.59	46.35	68.20	-21.85
15720.000	Average	29.15	13.67	42.82	54.00	-11.18
15720.000	Peak	39.45	13.67	53.12	74.00	-20.88

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-10

Test Frequency :5260 MHz

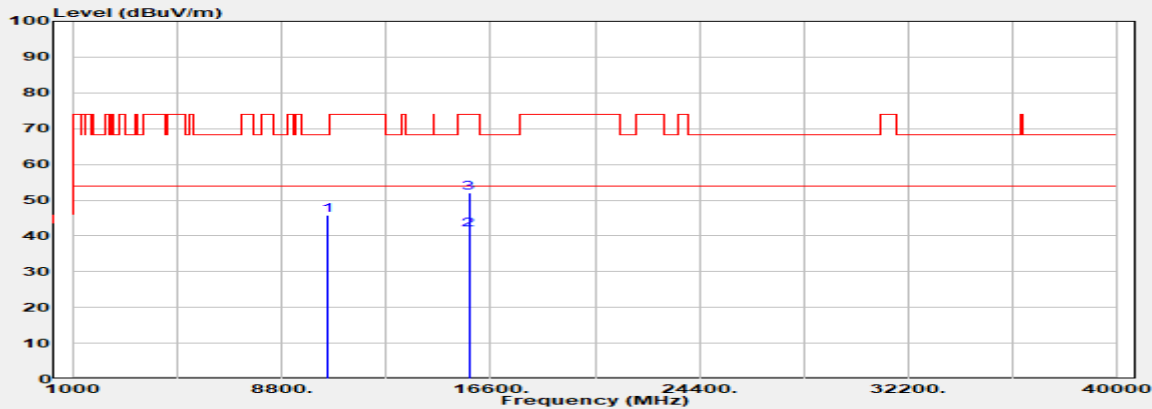
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	36.34	9.53	45.87	68.20	-22.33
15780.000	Average	28.67	13.20	41.87	54.00	-12.13
15780.000	Peak	38.85	13.20	52.05	74.00	-21.95

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-10

Test Frequency :5260 MHz

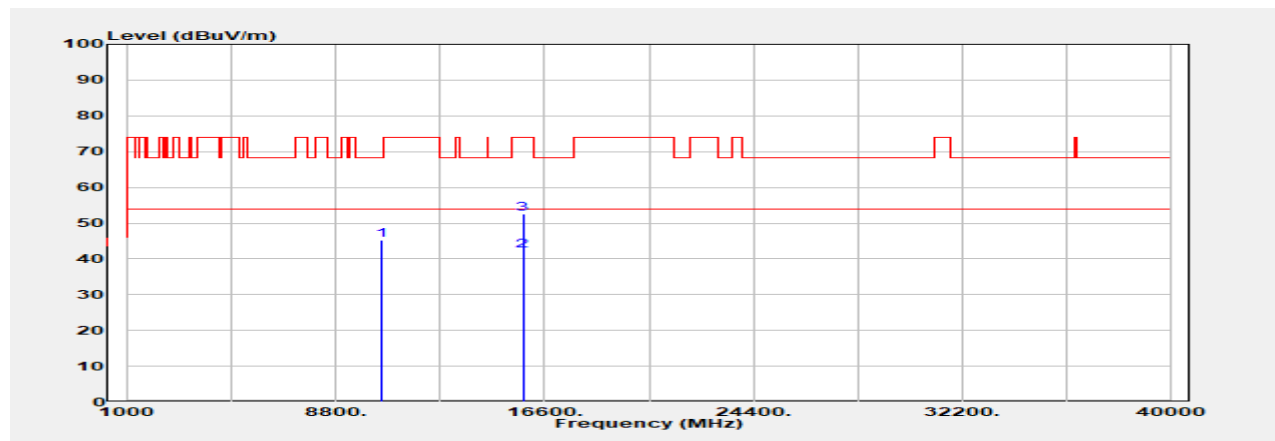
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	35.77	9.53	45.30	68.20	-22.90
15780.000	Average	28.96	13.20	42.16	54.00	-11.84
15780.000	Peak	39.44	13.20	52.64	74.00	-21.36

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-10

Test Frequency :5300 MHz

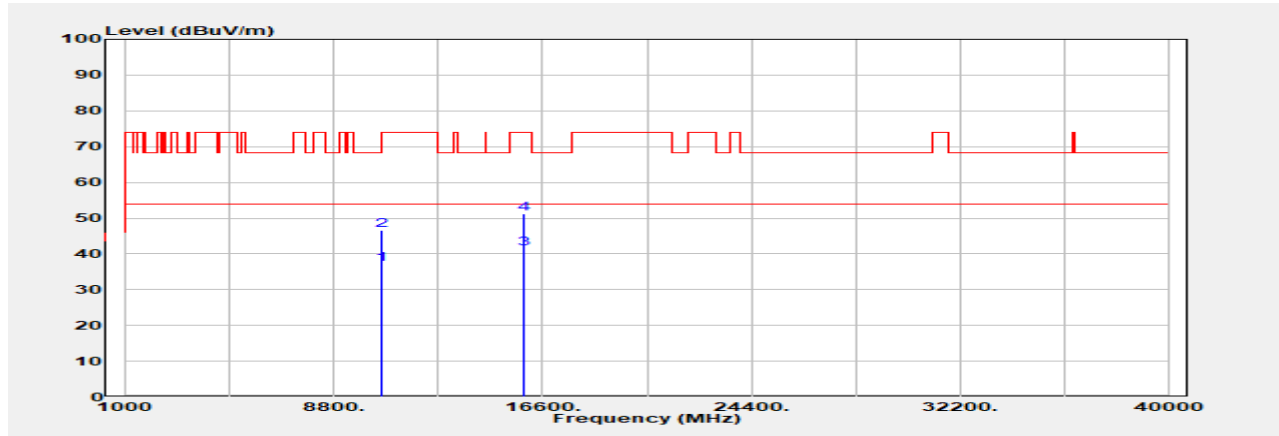
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	27.32	9.94	37.26	54.00	-16.74
10600.000	Peak	36.75	9.94	46.69	74.00	-27.31
15900.000	Average	28.44	13.15	41.59	54.00	-12.41
15900.000	Peak	37.95	13.15	51.10	74.00	-22.90

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-10

Test Frequency :5300 MHz

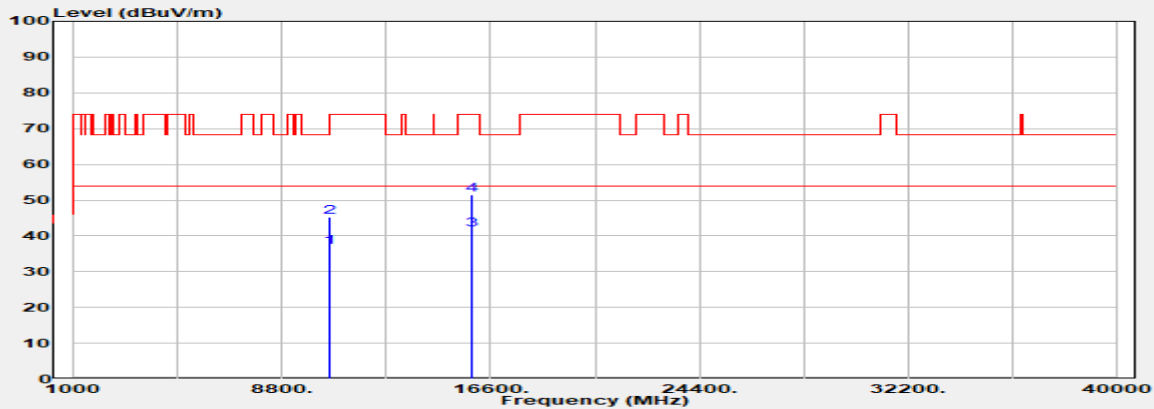
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	26.95	9.94	36.89	54.00	-17.11
10600.000	Peak	35.41	9.94	45.35	74.00	-28.65
15900.000	Average	28.57	13.15	41.72	54.00	-12.28
15900.000	Peak	38.25	13.15	51.40	74.00	-22.60

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-10

Test Frequency :5320 MHz

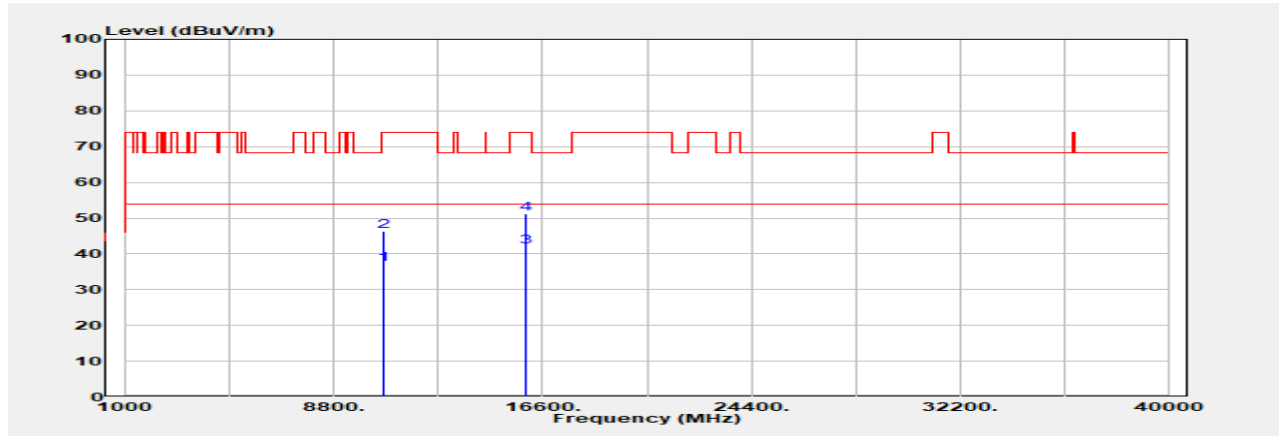
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	27.19	9.98	37.17	54.00	-16.83
10640.000	Peak	36.34	9.98	46.32	74.00	-27.68
15960.000	Average	29.32	12.70	42.02	54.00	-11.98
15960.000	Peak	38.48	12.70	51.18	74.00	-22.82

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-10

Test Frequency :5320 MHz

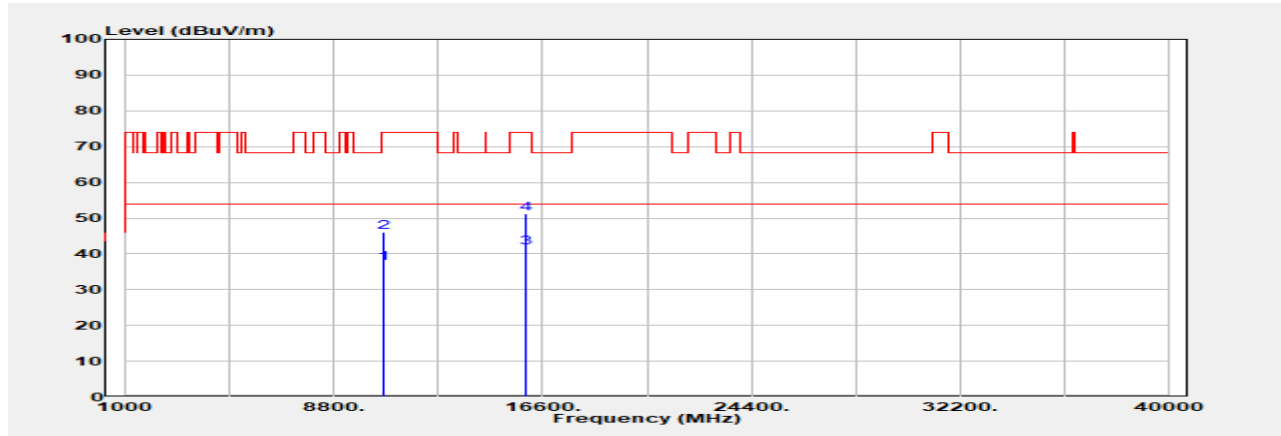
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	27.32	9.98	37.30	54.00	-16.70
10640.000	Peak	36.09	9.98	46.07	74.00	-27.93
15960.000	Average	28.97	12.70	41.67	54.00	-12.33
15960.000	Peak	38.61	12.70	51.31	74.00	-22.69

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-10

Test Frequency :5500 MHz

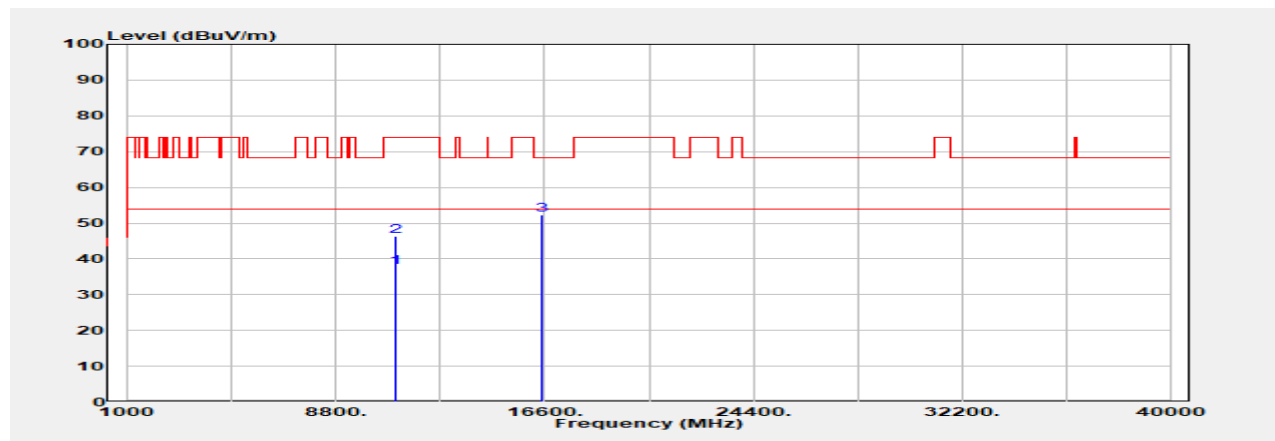
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	27.49	10.27	37.76	54.00	-16.24
11000.000	Peak	36.17	10.27	46.44	74.00	-27.56
16500.000	Peak	39.42	12.85	52.27	68.20	-15.93

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-10

Test Frequency :5500 MHz

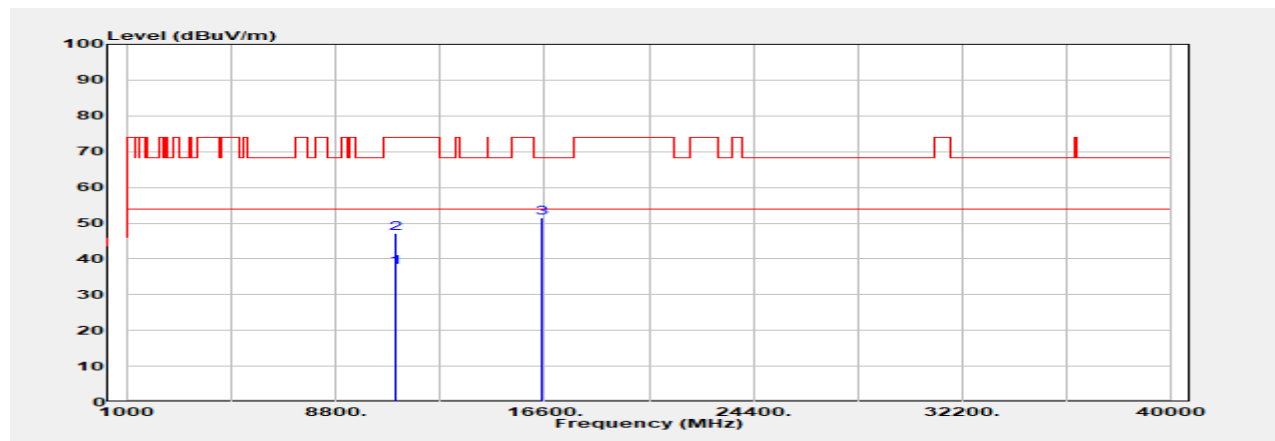
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	27.32	10.27	37.59	54.00	-16.41
11000.000	Peak	36.82	10.27	47.09	74.00	-26.91
16500.000	Peak	38.75	12.85	51.60	68.20	-16.60

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-10

Test Frequency :5580 MHz

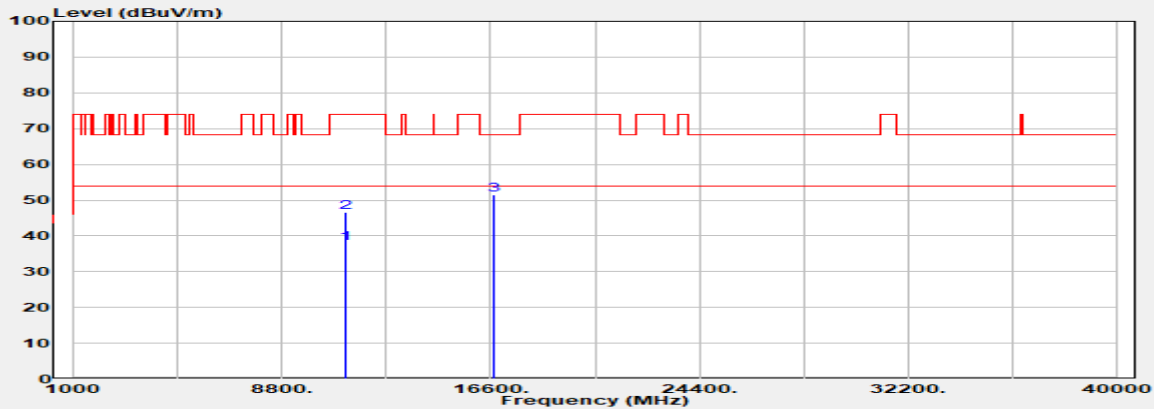
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	27.92	10.10	38.02	54.00	-15.98
11160.000	Peak	36.52	10.10	46.62	74.00	-27.38
16740.000	Peak	38.83	12.58	51.41	68.20	-16.79

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-10

Test Frequency :5580 MHz

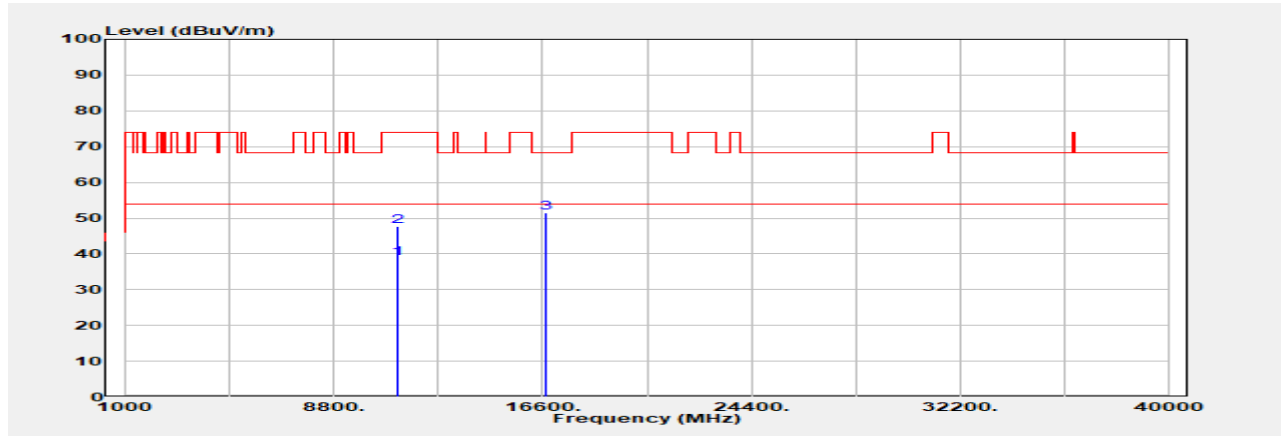
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	28.54	10.10	38.64	54.00	-15.36
11160.000	Peak	37.66	10.10	47.75	74.00	-26.25
16740.000	Peak	38.78	12.58	51.37	68.20	-16.83

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-10

Test Frequency :5700 MHz

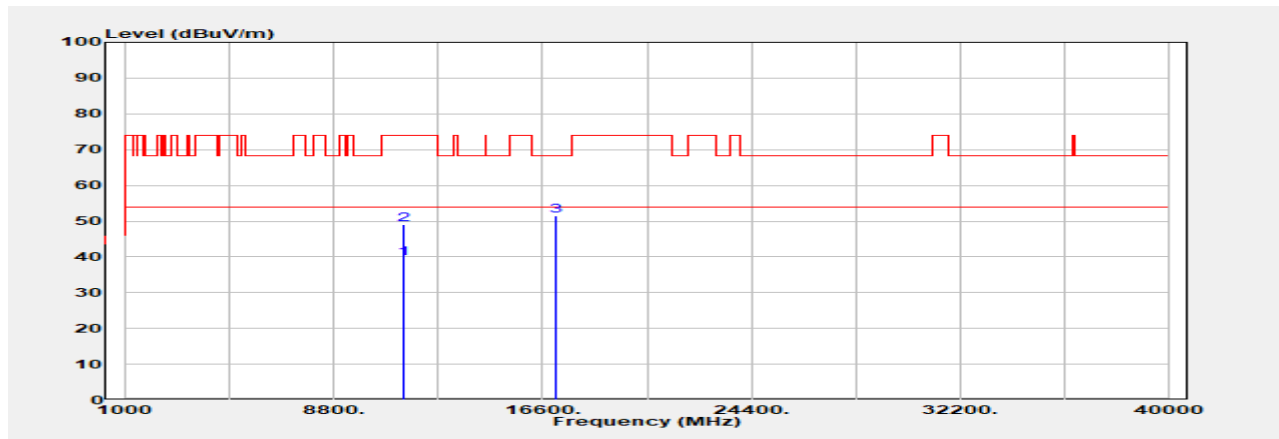
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	27.36	12.32	39.68	54.00	-14.32
11400.000	Peak	36.86	12.32	49.18	74.00	-24.82
17100.000	Peak	38.97	12.62	51.59	68.20	-16.61

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-10

Test Frequency :5700 MHz

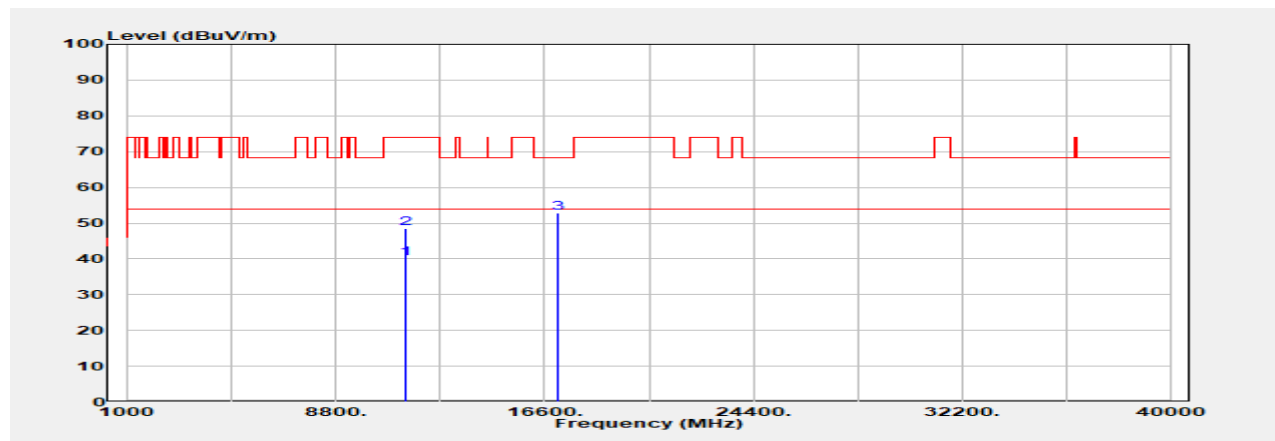
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	27.81	12.32	40.13	54.00	-13.87
11400.000	Peak	36.18	12.32	48.50	74.00	-25.50
17100.000	Peak	40.14	12.62	52.76	68.20	-15.44

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-10

Test Frequency :5720 MHz

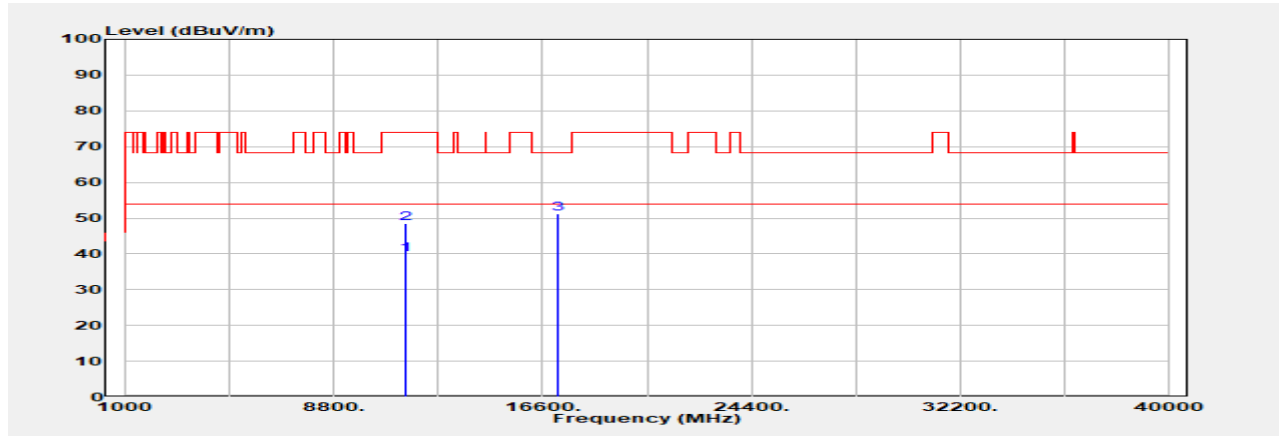
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	28.19	11.53	39.72	54.00	-14.28
11440.000	Peak	37.09	11.53	48.61	74.00	-25.39
17160.000	Peak	38.95	12.24	51.19	68.20	-17.01

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-10

Test Frequency :5720 MHz

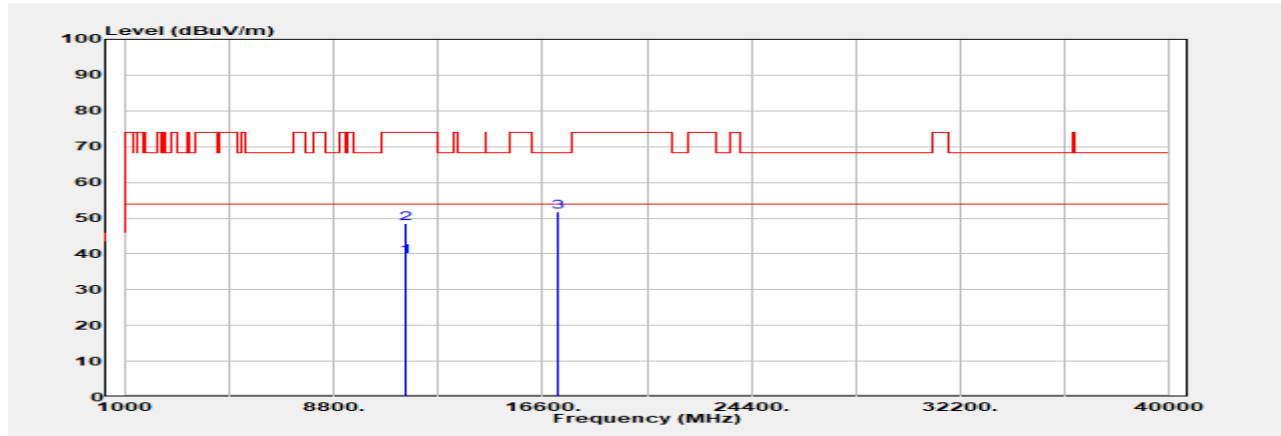
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	27.89	11.53	39.42	54.00	-14.58
11440.000	Peak	37.01	11.53	48.54	74.00	-25.46
17160.000	Peak	39.52	12.24	51.77	68.20	-16.43

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-10

Test Frequency :5745 MHz

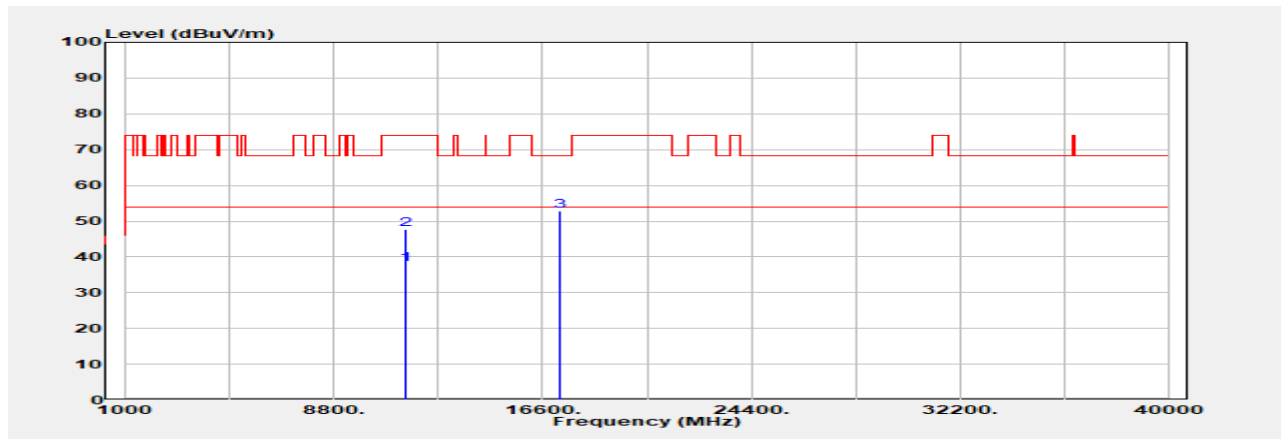
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	27.32	10.54	37.86	54.00	-16.14
11490.000	Peak	37.17	10.54	47.71	74.00	-26.29
17235.000	Peak	40.39	12.49	52.89	68.20	-15.31

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-10

Test Frequency :5745 MHz

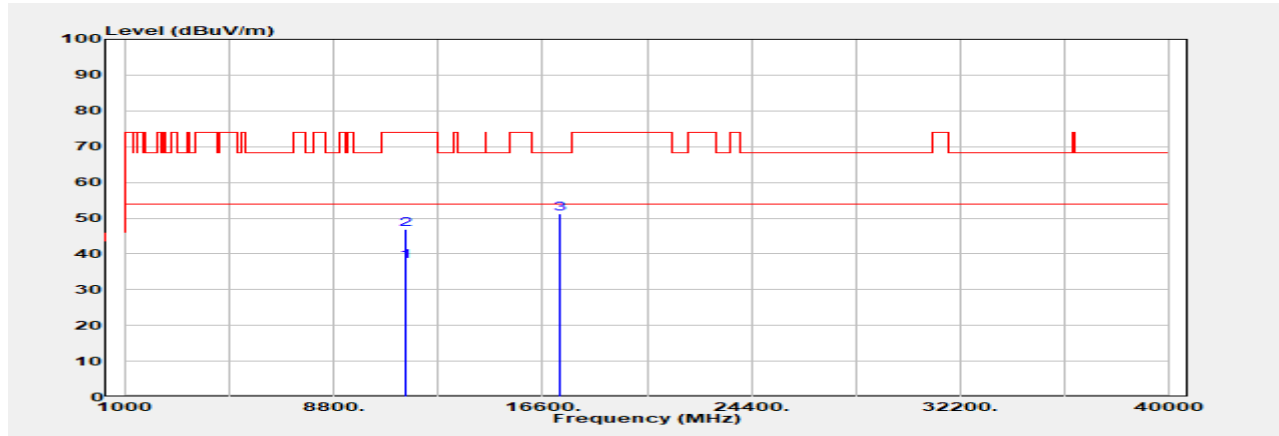
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	27.44	10.54	37.98	54.00	-16.02
11490.000	Peak	36.25	10.54	46.79	74.00	-27.21
17235.000	Peak	38.85	12.49	51.35	68.20	-16.85

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-10

Test Frequency :5785 MHz

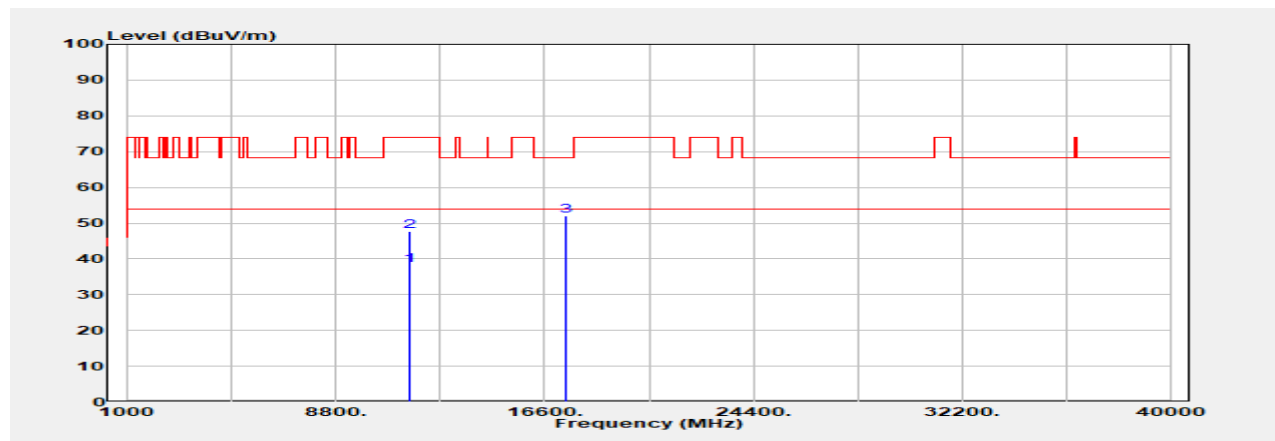
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	27.86	10.42	38.28	54.00	-15.72
11570.000	Peak	37.19	10.42	47.61	74.00	-26.39
17355.000	Peak	39.23	12.84	52.07	68.20	-16.13

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-10

Test Frequency :5785 MHz

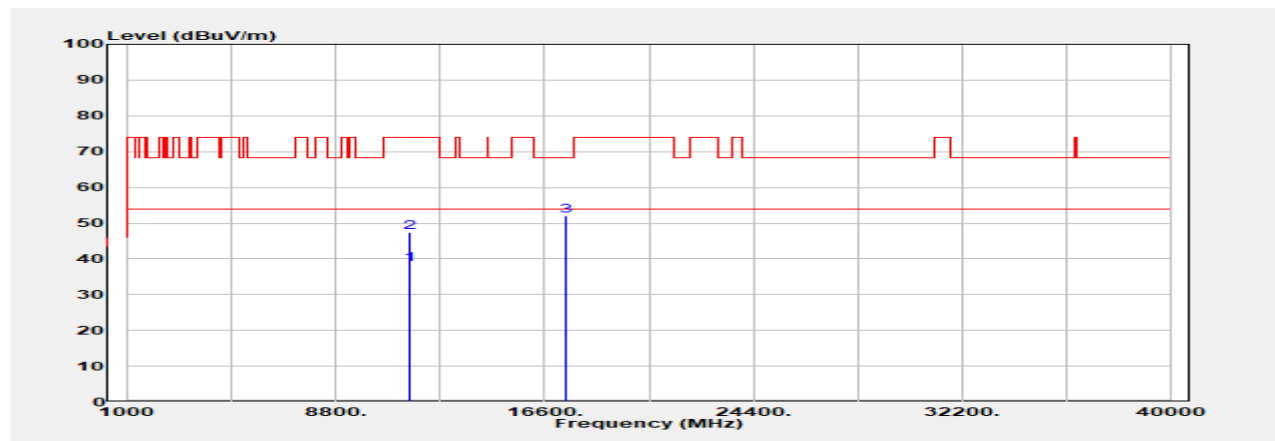
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	28.04	10.42	38.46	54.00	-15.54
11570.000	Peak	37.02	10.42	47.44	74.00	-26.56
17355.000	Peak	39.18	12.84	52.02	68.20	-16.18

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-10

Test Frequency :5825 MHz

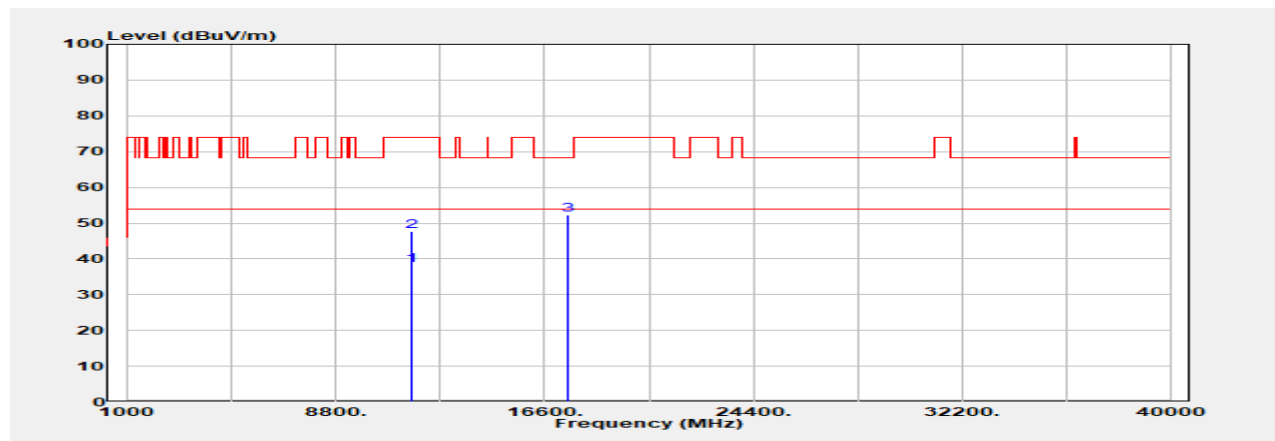
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	27.48	10.84	38.32	54.00	-15.68
11650.000	Peak	36.79	10.84	47.63	74.00	-26.37
17475.000	Peak	39.69	12.69	52.38	68.20	-15.82

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-10

Test Frequency :5825 MHz

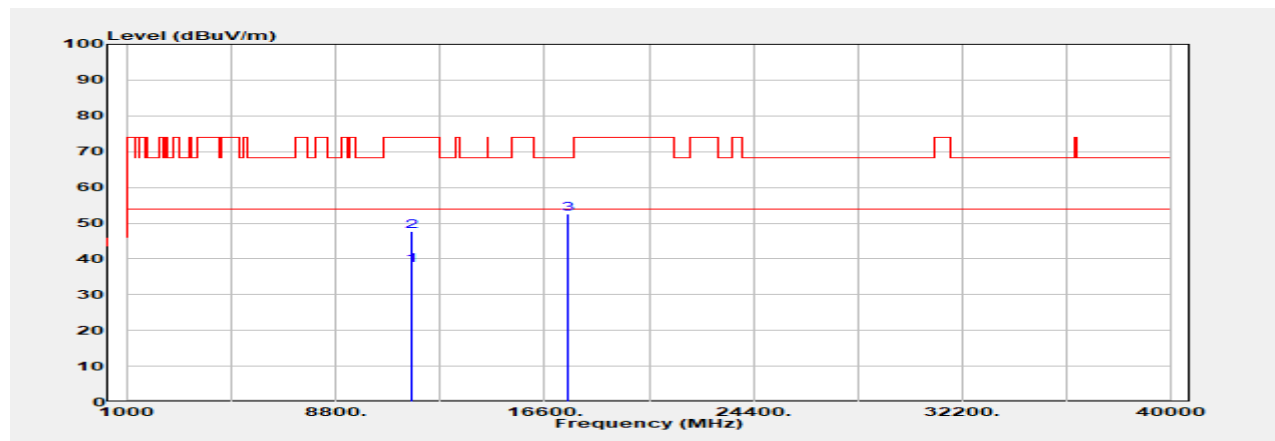
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	27.32	10.84	38.16	54.00	-15.84
11650.000	Peak	36.78	10.84	47.62	74.00	-26.38
17475.000	Peak	39.92	12.69	52.61	68.20	-15.59

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-10

Test Frequency :5180 MHz

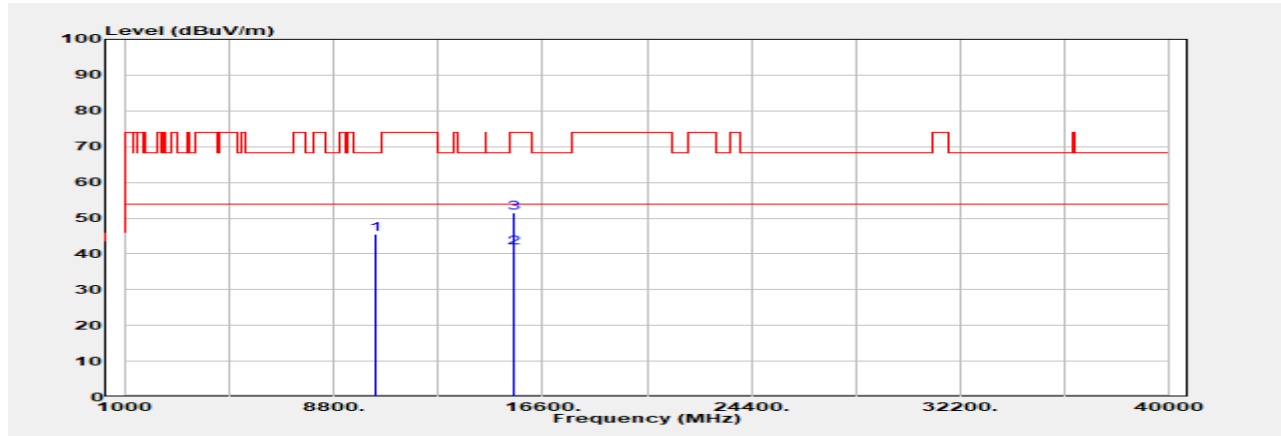
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	35.69	9.94	45.63	68.20	-22.57
15540.000	Average	29.32	12.54	41.86	54.00	-12.14
15540.000	Peak	38.85	12.54	51.39	74.00	-22.61

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-10

Test Frequency :5180 MHz

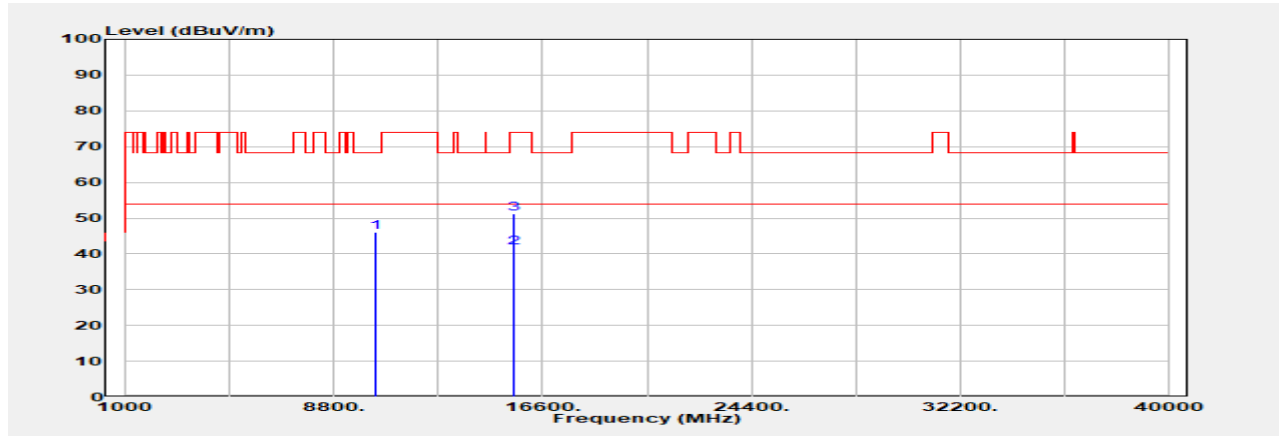
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	36.19	9.94	46.13	68.20	-22.07
15540.000	Average	29.32	12.54	41.86	54.00	-12.14
15540.000	Peak	38.77	12.54	51.31	74.00	-22.69

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-10

Test Frequency :5220 MHz

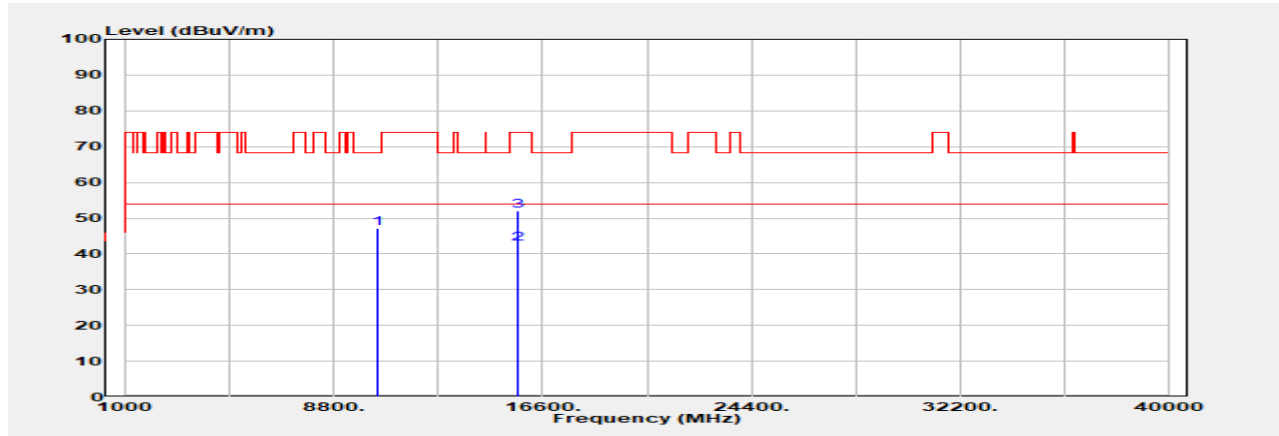
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	37.36	9.92	47.28	68.20	-20.92
15660.000	Average	29.67	13.20	42.87	54.00	-11.13
15660.000	Peak	38.82	13.20	52.02	74.00	-21.98

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-10

Test Frequency :5220 MHz

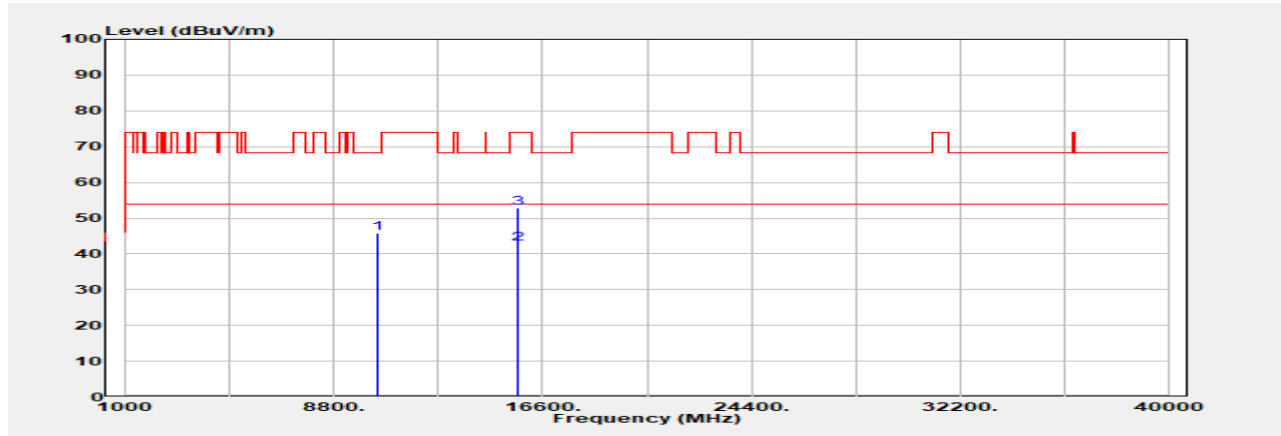
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	35.87	9.92	45.79	68.20	-22.41
15660.000	Average	29.54	13.20	42.74	54.00	-11.26
15660.000	Peak	39.52	13.20	52.72	74.00	-21.28

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-10

Test Frequency :5240 MHz

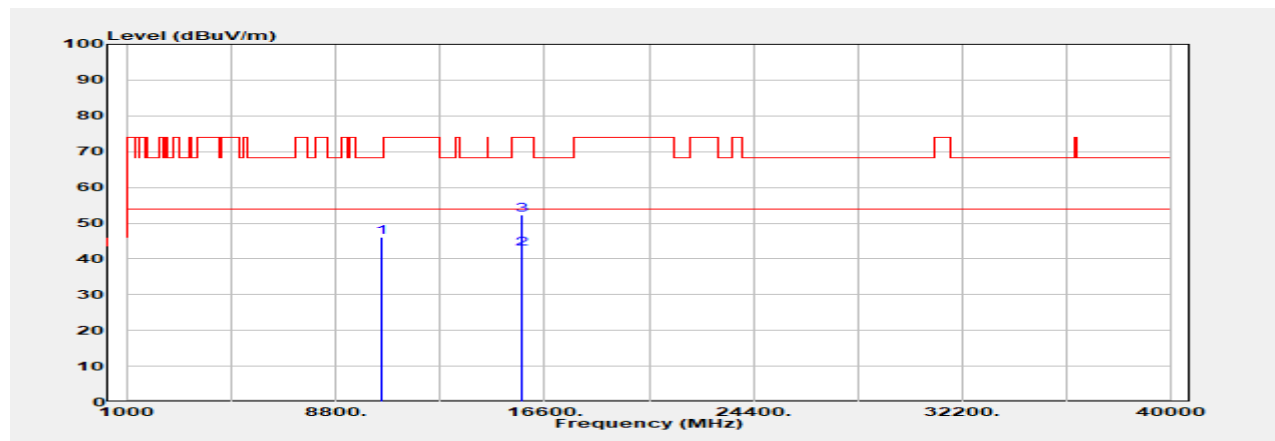
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	36.53	9.59	46.12	68.20	-22.08
15720.000	Average	29.22	13.67	42.89	54.00	-11.11
15720.000	Peak	38.54	13.67	52.21	74.00	-21.79

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-10

Test Frequency :5240 MHz

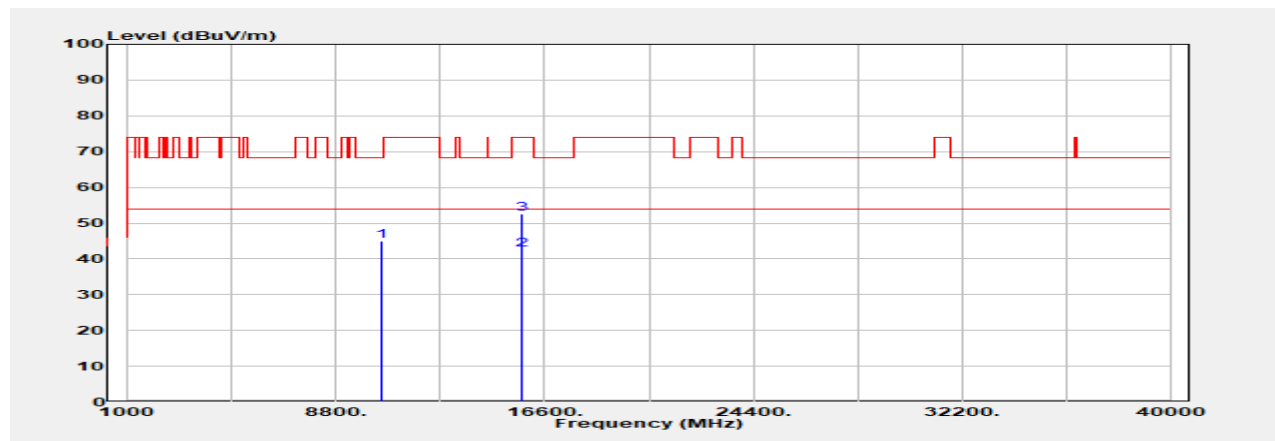
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	35.45	9.59	45.05	68.20	-23.15
15720.000	Average	28.98	13.67	42.65	54.00	-11.35
15720.000	Peak	38.99	13.67	52.66	74.00	-21.34

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

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Member of SGS Group

Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-10

Test Frequency :5260 MHz

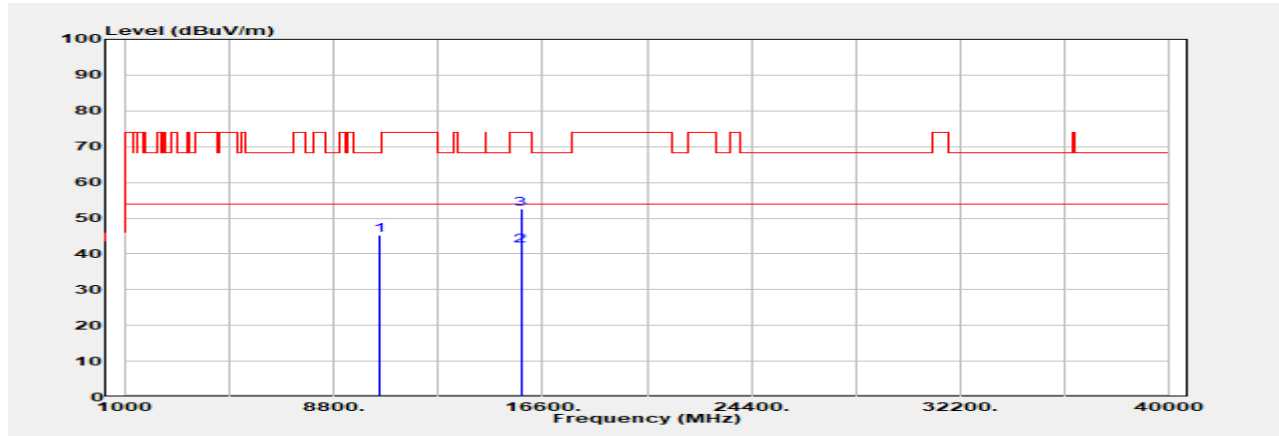
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	35.76	9.53	45.29	68.20	-22.91
15780.000	Average	29.15	13.20	42.35	54.00	-11.65
15780.000	Peak	39.27	13.20	52.46	74.00	-21.54

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-10

Test Frequency :5260 MHz

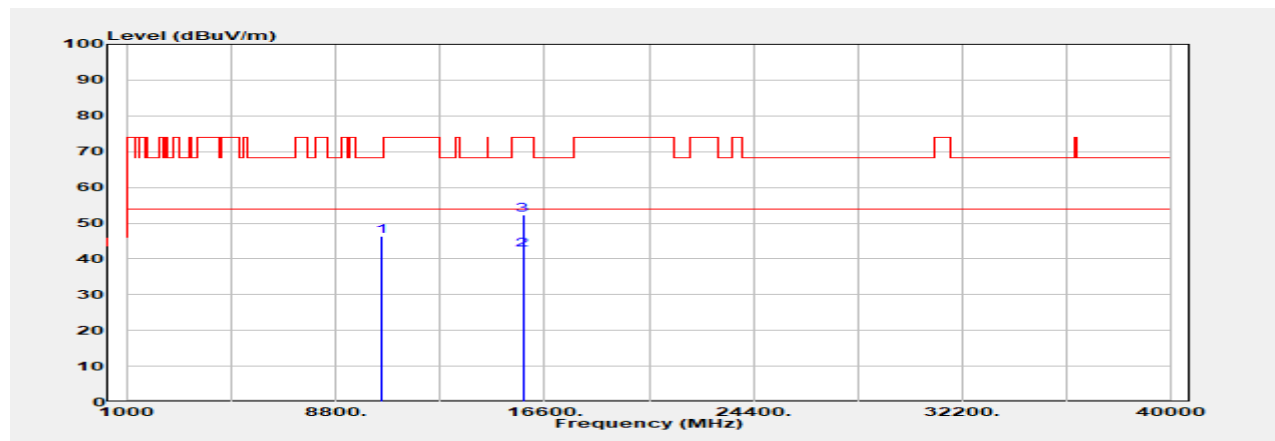
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	36.82	9.53	46.36	68.20	-21.84
15780.000	Average	29.22	13.20	42.42	54.00	-11.58
15780.000	Peak	38.98	13.20	52.18	74.00	-21.82

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-10

Test Frequency :5300 MHz

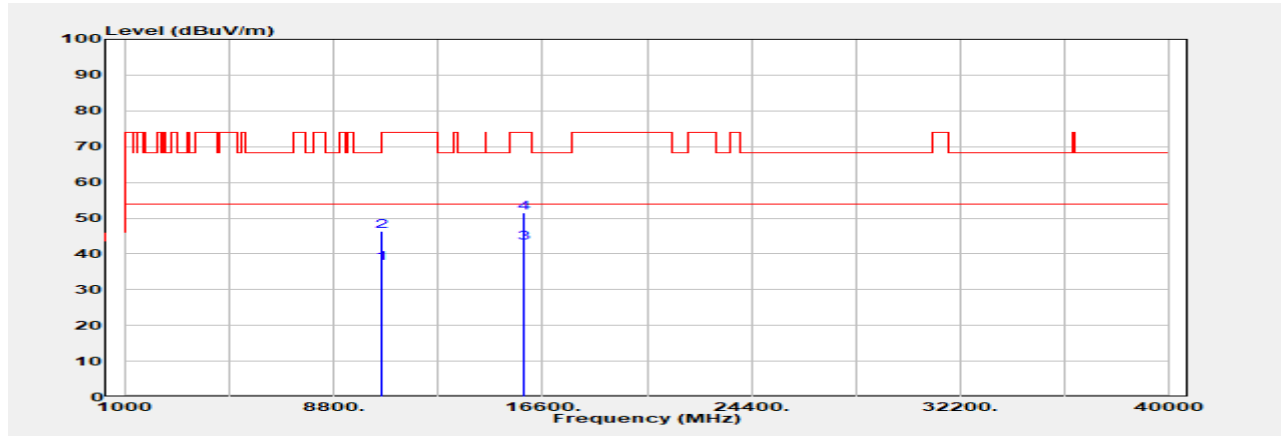
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	27.54	9.94	37.48	54.00	-16.52
10600.000	Peak	36.52	9.94	46.46	74.00	-27.54
15900.000	Average	29.87	13.15	43.02	54.00	-10.98
15900.000	Peak	38.29	13.15	51.44	74.00	-22.56

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-10

Test Frequency :5300 MHz

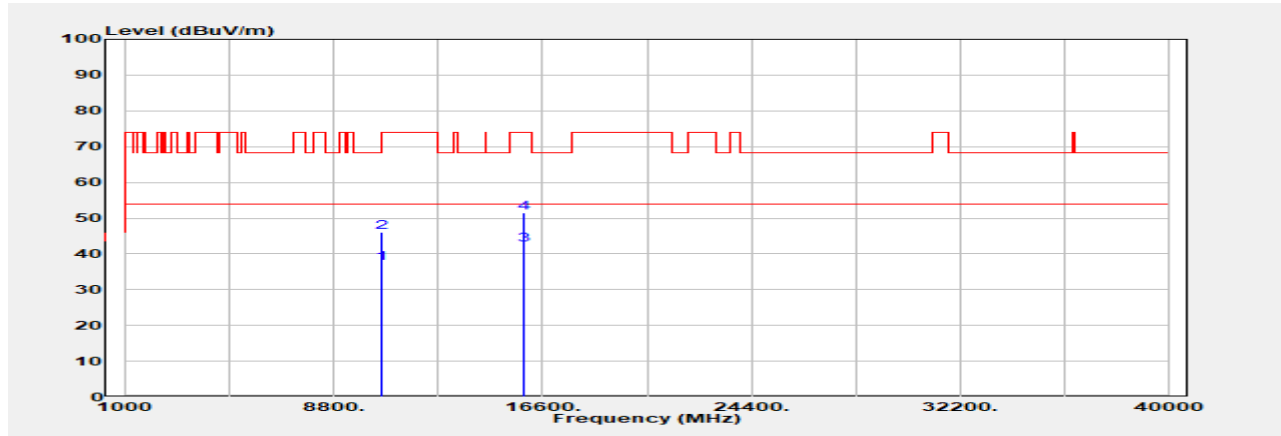
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	27.38	9.94	37.32	54.00	-16.68
10600.000	Peak	36.08	9.94	46.02	74.00	-27.98
15900.000	Average	29.41	13.15	42.56	54.00	-11.44
15900.000	Peak	38.39	13.15	51.54	74.00	-22.46

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-10

Test Frequency :5320 MHz

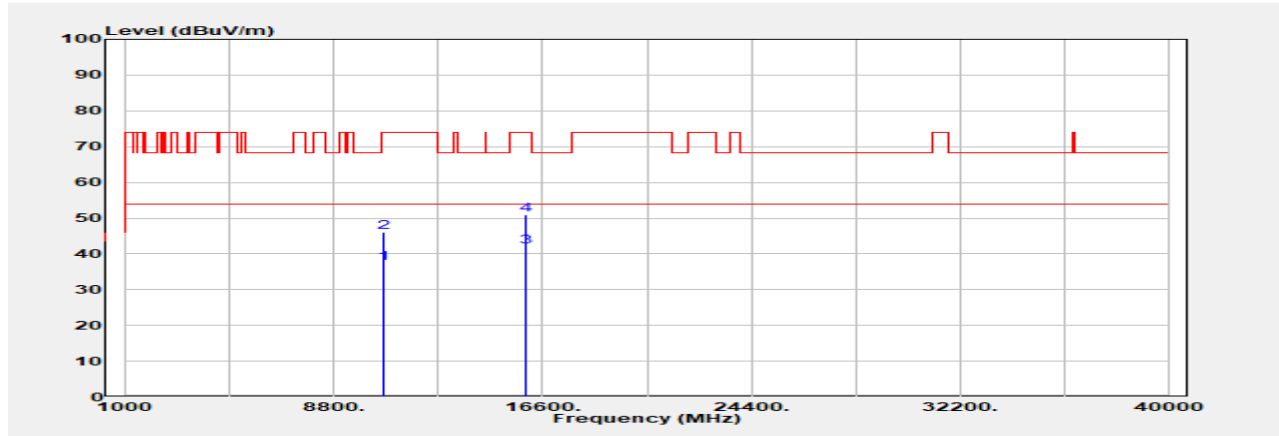
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	27.40	9.98	37.38	54.00	-16.62
10640.000	Peak	36.00	9.98	45.98	74.00	-28.02
15960.000	Average	29.39	12.70	42.09	54.00	-11.91
15960.000	Peak	38.15	12.70	50.85	74.00	-23.15

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-10

Test Frequency :5320 MHz

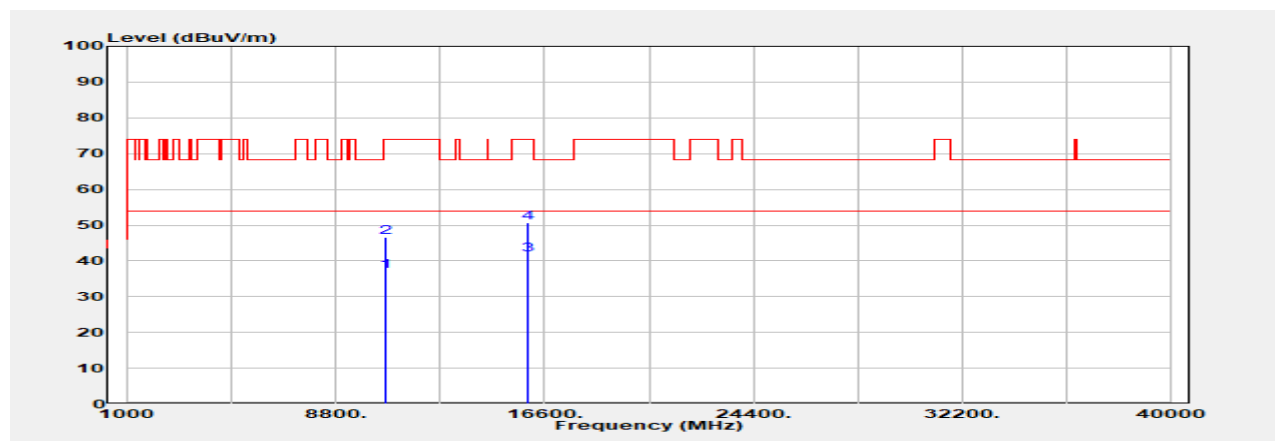
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	27.23	9.98	37.21	54.00	-16.79
10640.000	Peak	36.53	9.98	46.50	74.00	-27.50
15960.000	Average	29.14	12.70	41.84	54.00	-12.16
15960.000	Peak	38.01	12.70	50.71	74.00	-23.29

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-10

Test Frequency :5500 MHz

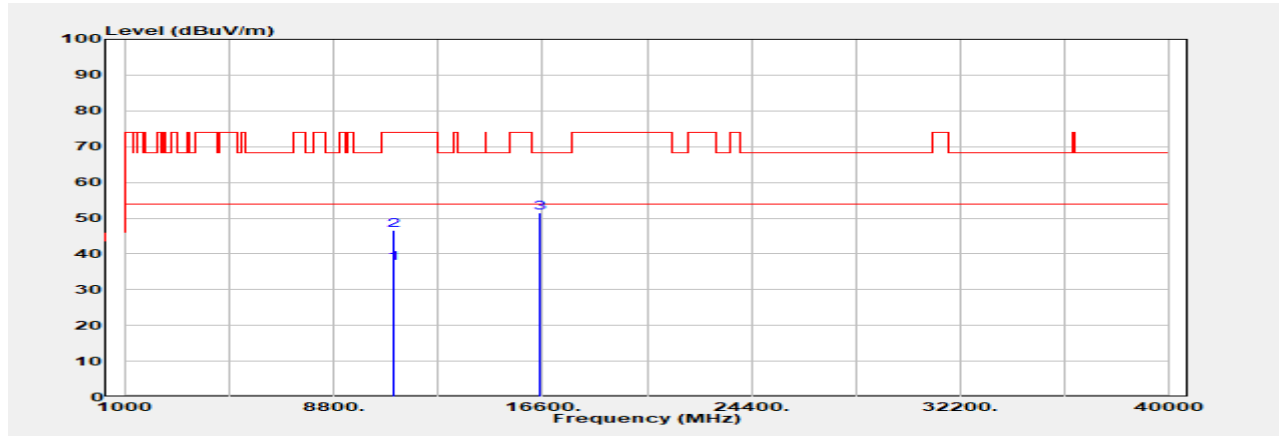
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11000.000	Average	27.05	10.27	37.32	54.00	-16.68
11000.000	Peak	36.48	10.27	46.75	74.00	-27.25
16500.000	Peak	38.73	12.85	51.58	68.20	-16.62

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-10

Test Frequency :5500 MHz

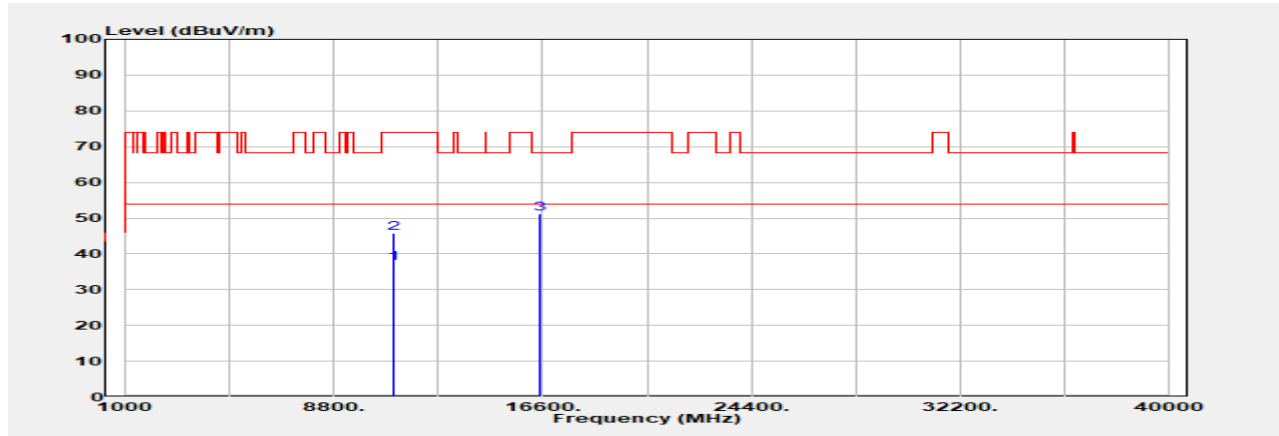
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	27.14	10.27	37.41	54.00	-16.59
11000.000	Peak	35.65	10.27	45.92	74.00	-28.08
16500.000	Peak	38.44	12.85	51.29	68.20	-16.91

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-10

Test Frequency :5580 MHz

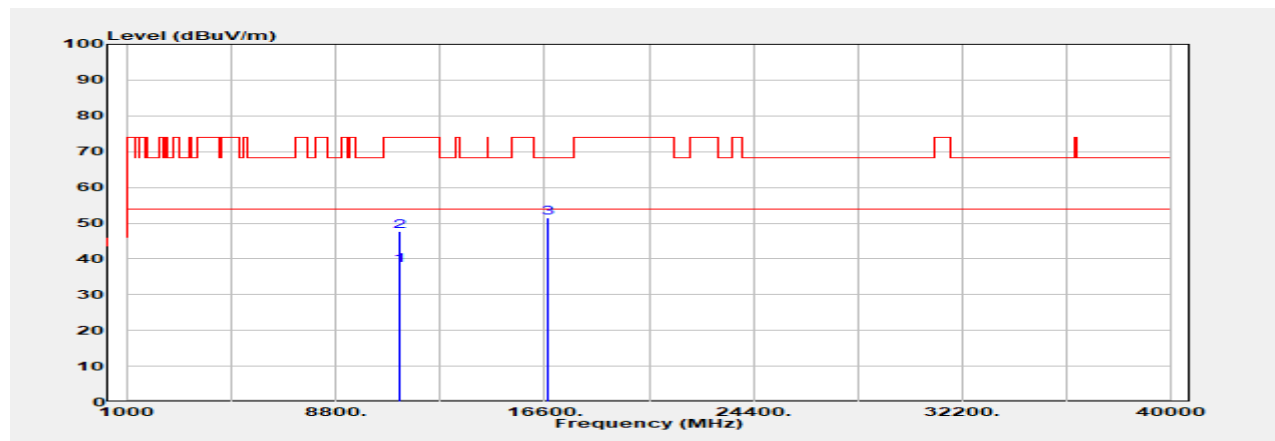
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	28.01	10.10	38.11	54.00	-15.89
11160.000	Peak	37.66	10.10	47.76	74.00	-26.24
16740.000	Peak	39.00	12.58	51.58	68.20	-16.62

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-10

Test Frequency :5580 MHz

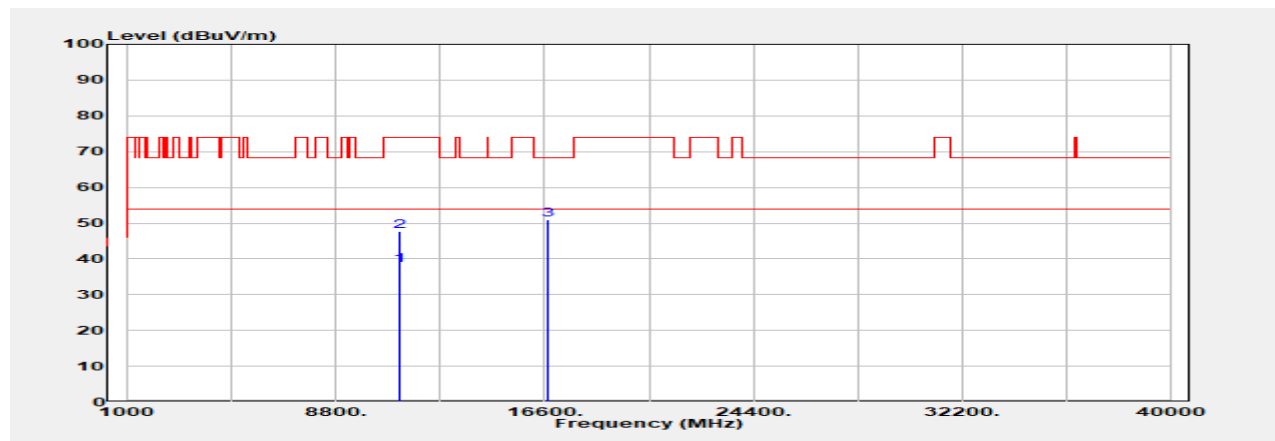
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	28.21	10.10	38.31	54.00	-15.69
11160.000	Peak	37.57	10.10	47.67	74.00	-26.33
16740.000	Peak	38.34	12.58	50.93	68.20	-17.27

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-10

Test Frequency :5700 MHz

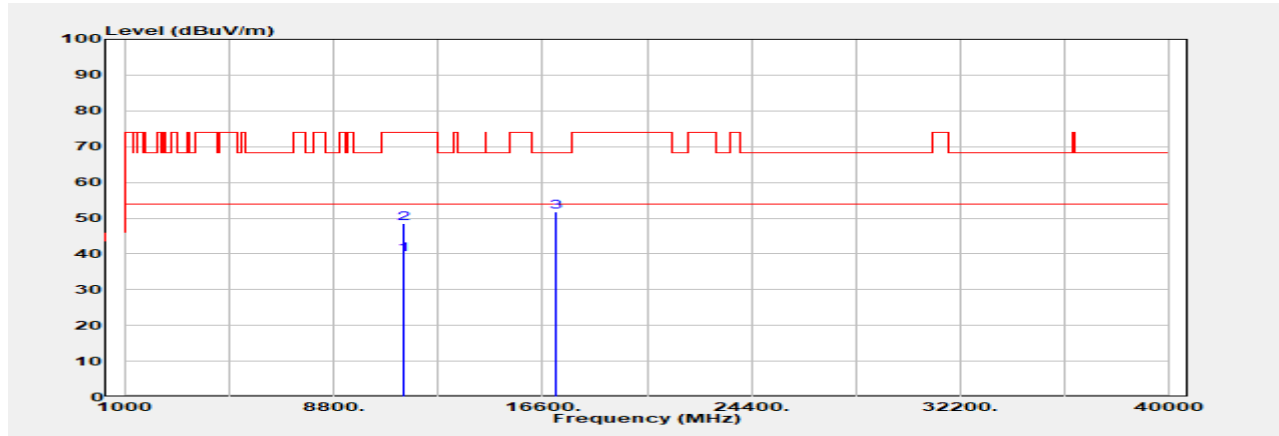
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	27.44	12.32	39.76	54.00	-14.24
11400.000	Peak	36.12	12.32	48.44	74.00	-25.56
17100.000	Peak	39.18	12.62	51.80	68.20	-16.40

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-10

Test Frequency :5700 MHz

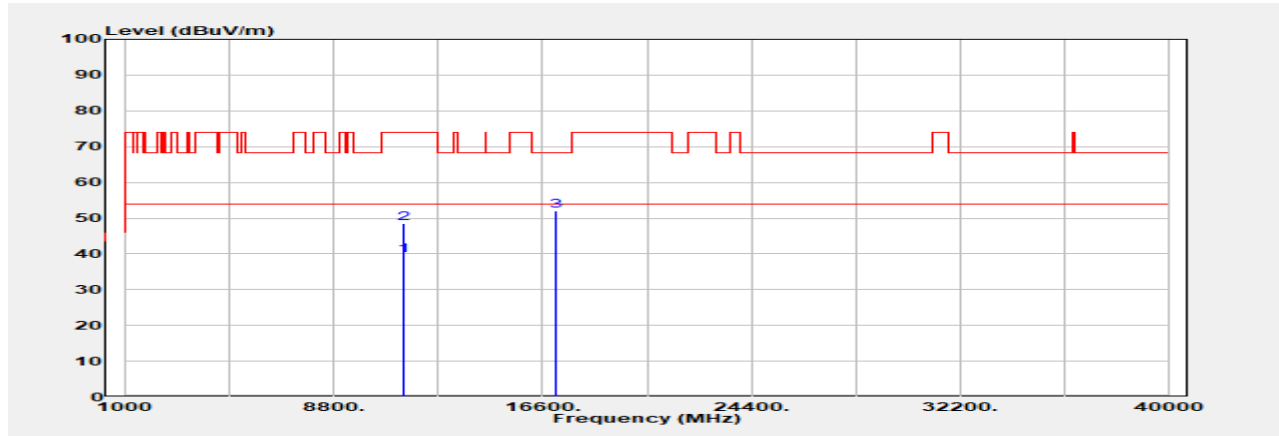
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	27.23	12.32	39.55	54.00	-14.45
11400.000	Peak	36.19	12.32	48.51	74.00	-25.49
17100.000	Peak	39.47	12.62	52.09	68.20	-16.11

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-10

Test Frequency :5720 MHz

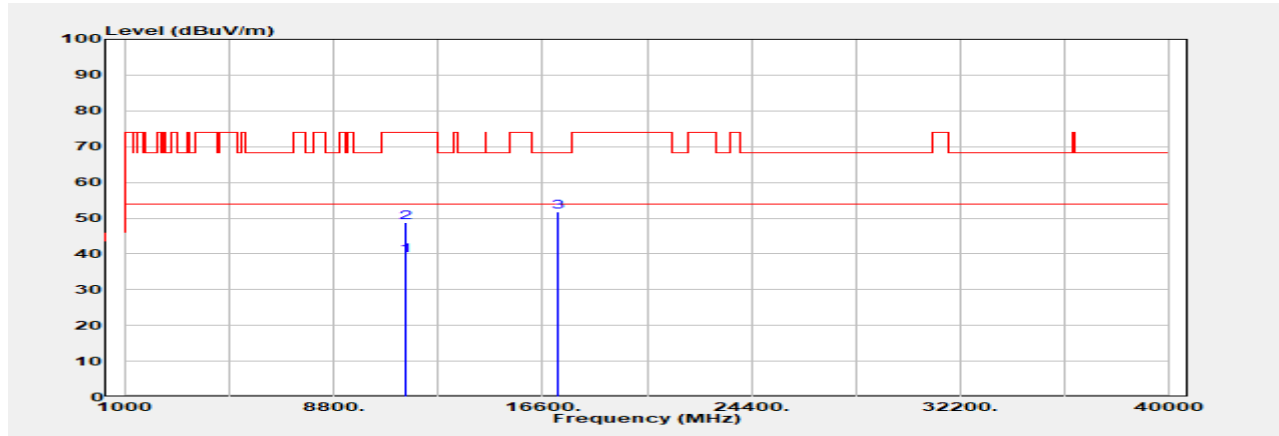
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	27.96	11.53	39.49	54.00	-14.51
11440.000	Peak	37.35	11.53	48.88	74.00	-25.12
17160.000	Peak	39.57	12.24	51.81	68.20	-16.39

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-10

Test Frequency :5720 MHz

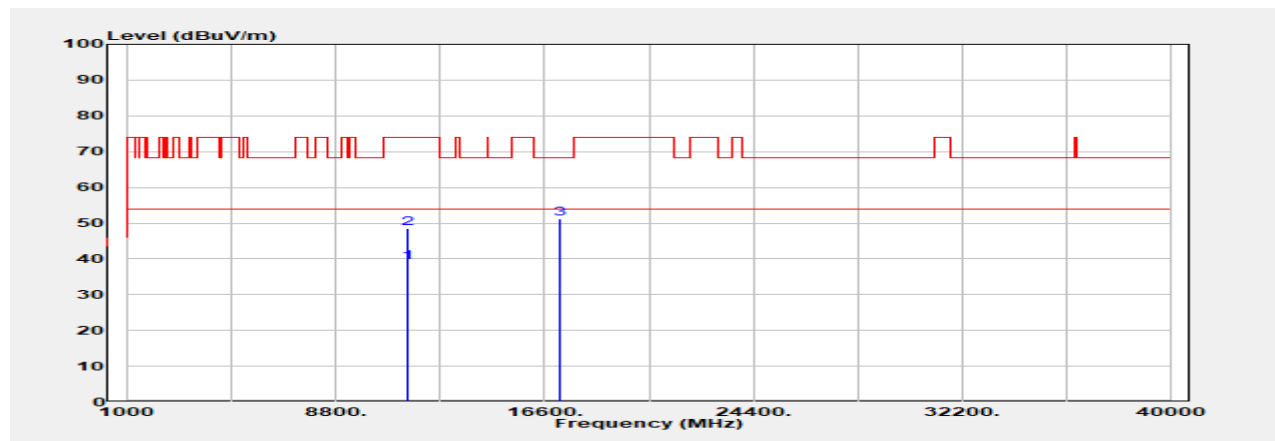
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	27.54	11.53	39.07	54.00	-14.93
11440.000	Peak	37.02	11.53	48.55	74.00	-25.45
17160.000	Peak	38.86	12.24	51.10	68.20	-17.10

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-10

Test Frequency :5745 MHz

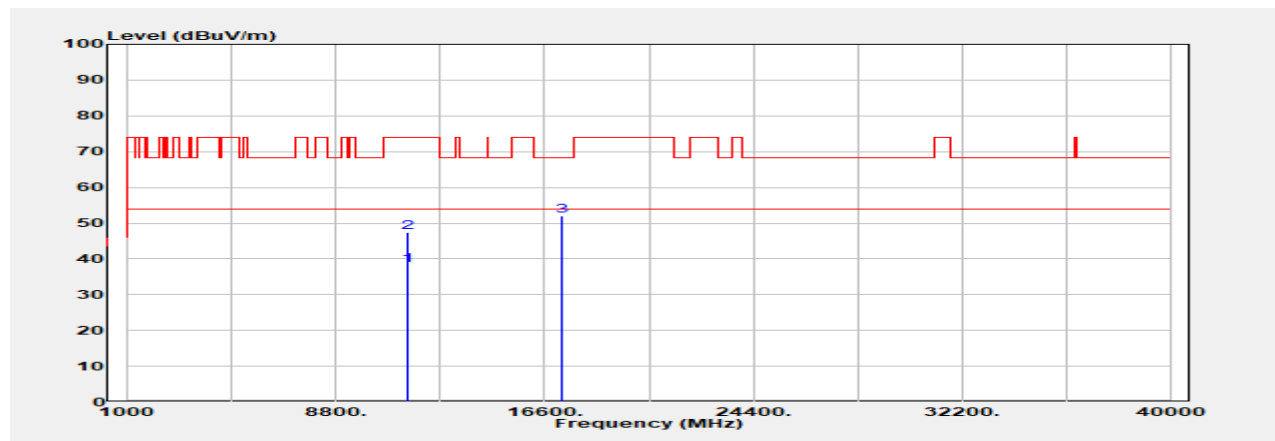
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	27.55	10.54	38.09	54.00	-15.91
11490.000	Peak	37.02	10.54	47.56	74.00	-26.44
17235.000	Peak	39.41	12.49	51.90	68.20	-16.30

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-10

Test Frequency :5745 MHz

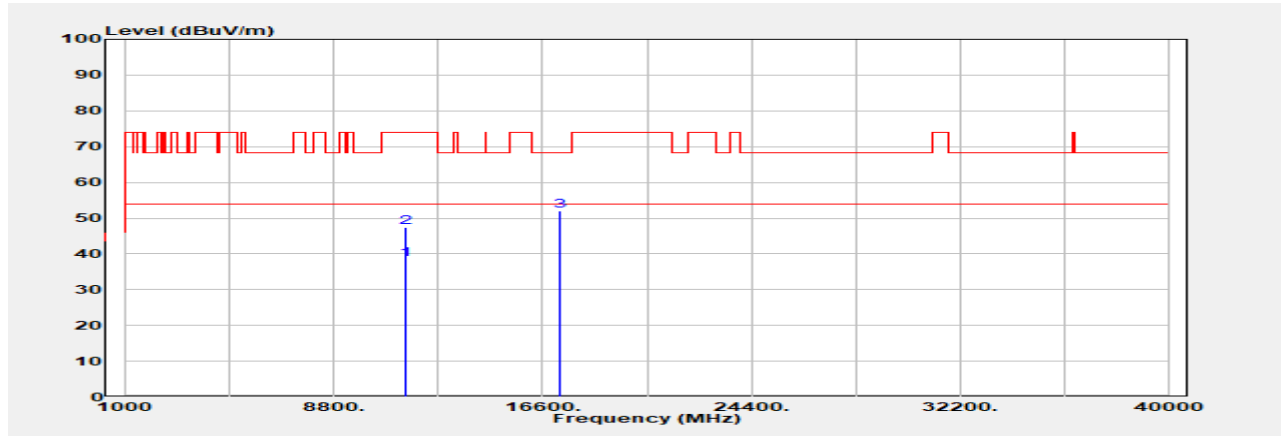
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	27.83	10.54	38.37	54.00	-15.63
11490.000	Peak	36.87	10.54	47.41	74.00	-26.59
17235.000	Peak	39.63	12.49	52.13	68.20	-16.07

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-10

Test Frequency :5785 MHz

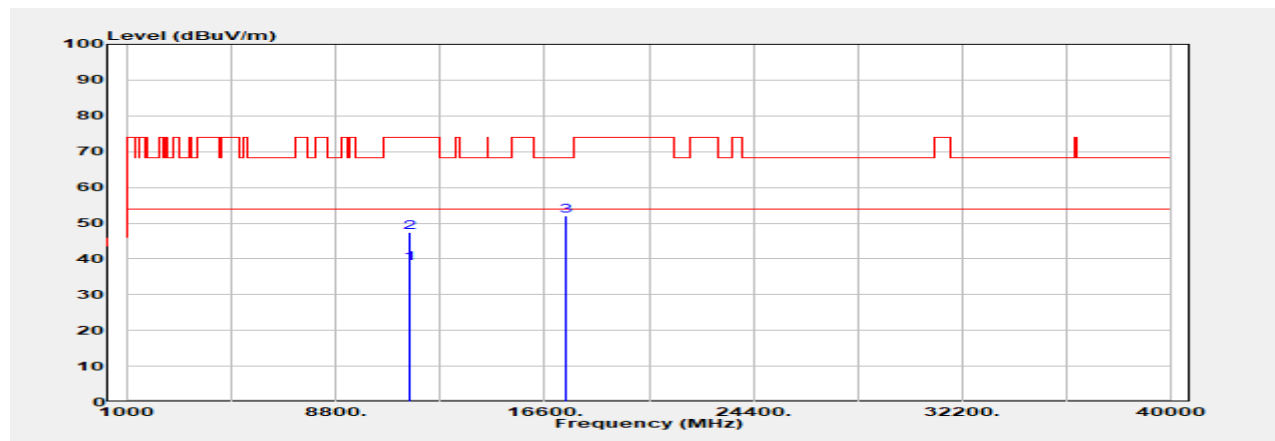
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	28.23	10.42	38.65	54.00	-15.35
11570.000	Peak	37.10	10.42	47.51	74.00	-26.49
17355.000	Peak	39.22	12.84	52.06	68.20	-16.14

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-10

Test Frequency :5785 MHz

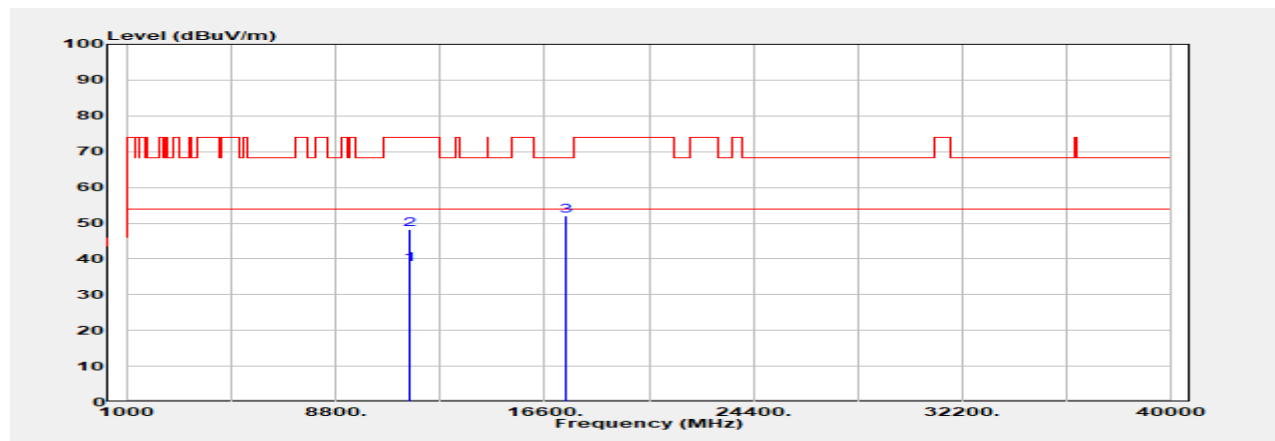
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	28.15	10.42	38.57	54.00	-15.43
11570.000	Peak	37.69	10.42	48.11	74.00	-25.89
17355.000	Peak	39.07	12.84	51.91	68.20	-16.29

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-10

Test Frequency :5825 MHz

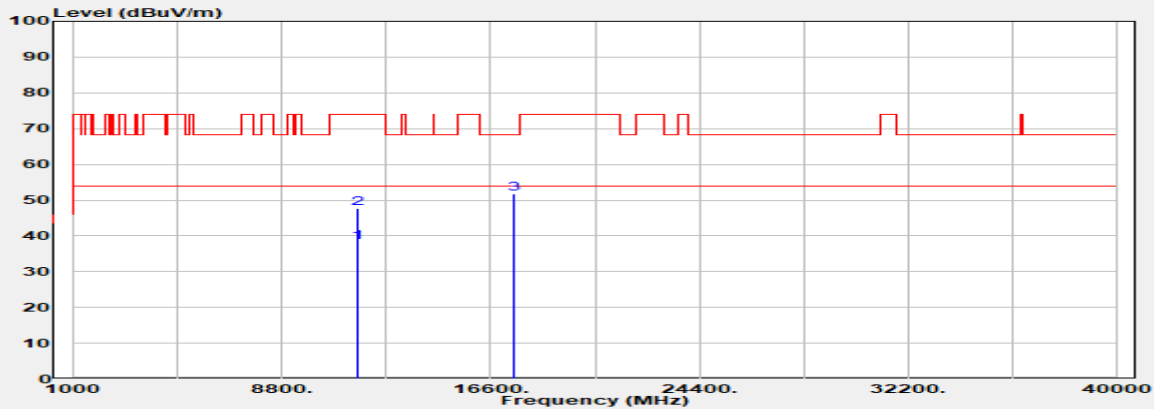
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	27.25	10.84	38.09	54.00	-15.91
11650.000	Peak	36.95	10.84	47.79	74.00	-26.21
17475.000	Peak	39.16	12.69	51.85	68.20	-16.35

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-10

Test Frequency :5825 MHz

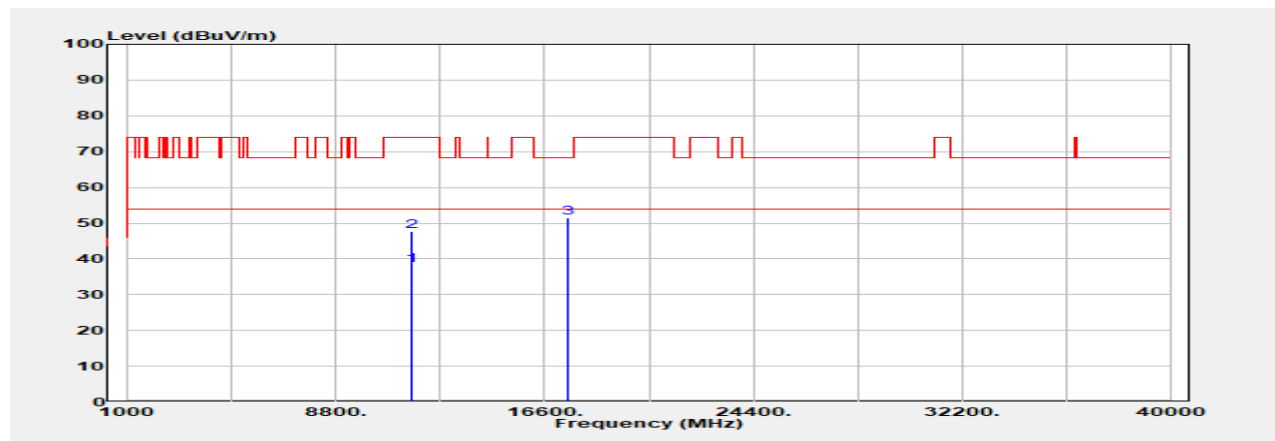
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	27.32	10.84	38.16	54.00	-15.84
11650.000	Peak	36.93	10.84	47.77	74.00	-26.23
17475.000	Peak	38.88	12.69	51.57	68.20	-16.63

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac40

Test Date :2024-04-10

Test Frequency :5190 MHz

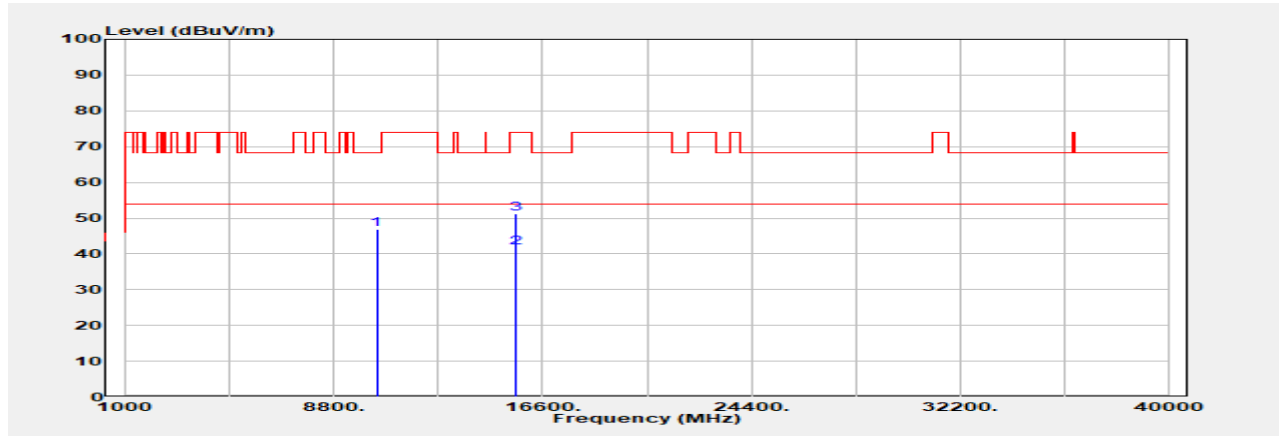
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	36.67	10.09	46.76	68.20	-21.44
15570.000	Average	29.47	12.39	41.86	54.00	-12.14
15570.000	Peak	38.88	12.39	51.27	74.00	-22.73

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac40

Test Date :2024-04-10

Test Frequency :5190 MHz

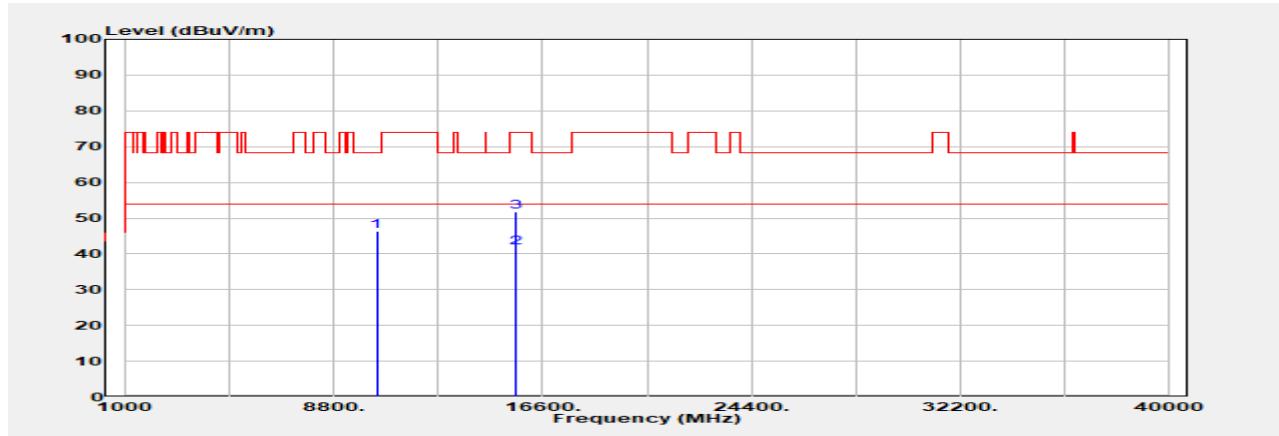
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	36.37	10.09	46.47	68.20	-21.73
15570.000	Average	29.35	12.39	41.74	54.00	-12.26
15570.000	Peak	39.46	12.39	51.85	74.00	-22.15

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac40

Test Date :2024-04-10

Test Frequency :5230 MHz

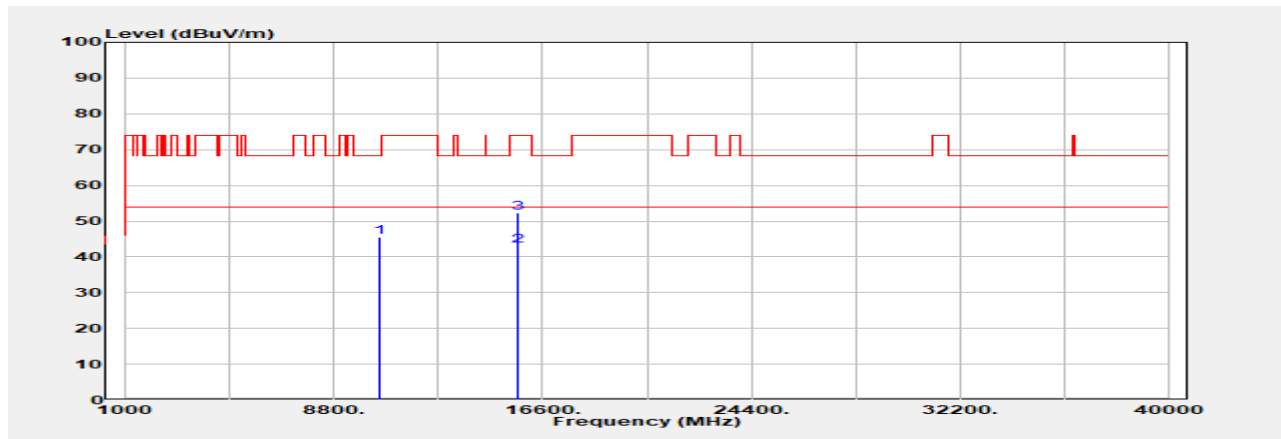
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	35.71	9.76	45.47	68.20	-22.73
15690.000	Average	29.41	13.67	43.08	54.00	-10.92
15690.000	Peak	38.74	13.67	52.41	74.00	-21.59

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac40

Test Date :2024-04-10

Test Frequency :5230 MHz

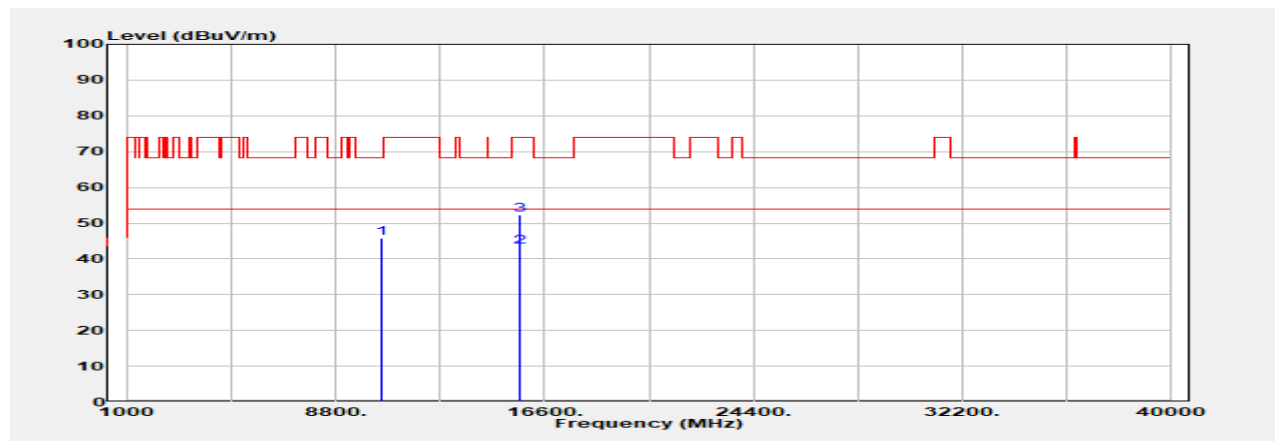
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	36.08	9.76	45.83	68.20	-22.37
15690.000	Average	29.73	13.67	43.40	54.00	-10.60
15690.000	Peak	38.74	13.67	52.41	74.00	-21.59

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac40

Test Date :2024-04-10

Test Frequency :5270 MHz

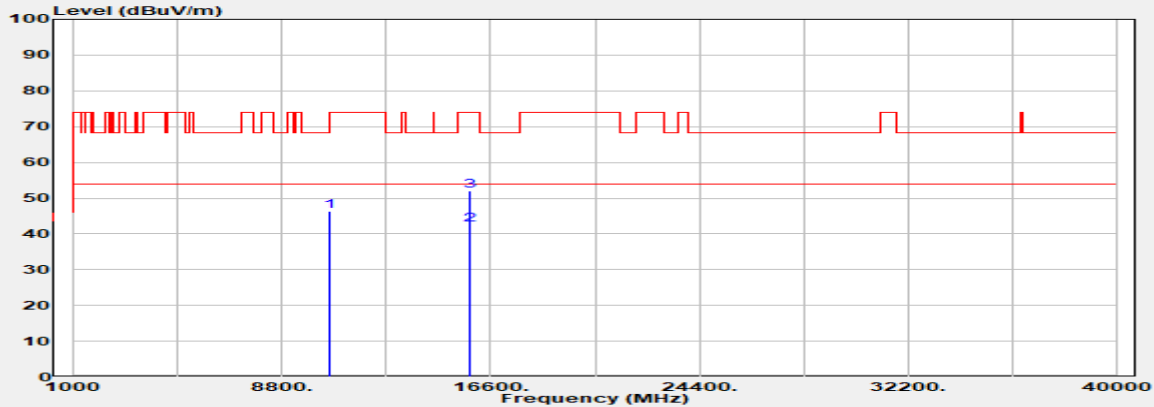
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	36.83	9.63	46.46	68.20	-21.74
15810.000	Average	29.44	13.05	42.49	54.00	-11.51
15810.000	Peak	39.09	13.05	52.14	74.00	-21.86

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac40

Test Date :2024-04-10

Test Frequency :5270 MHz

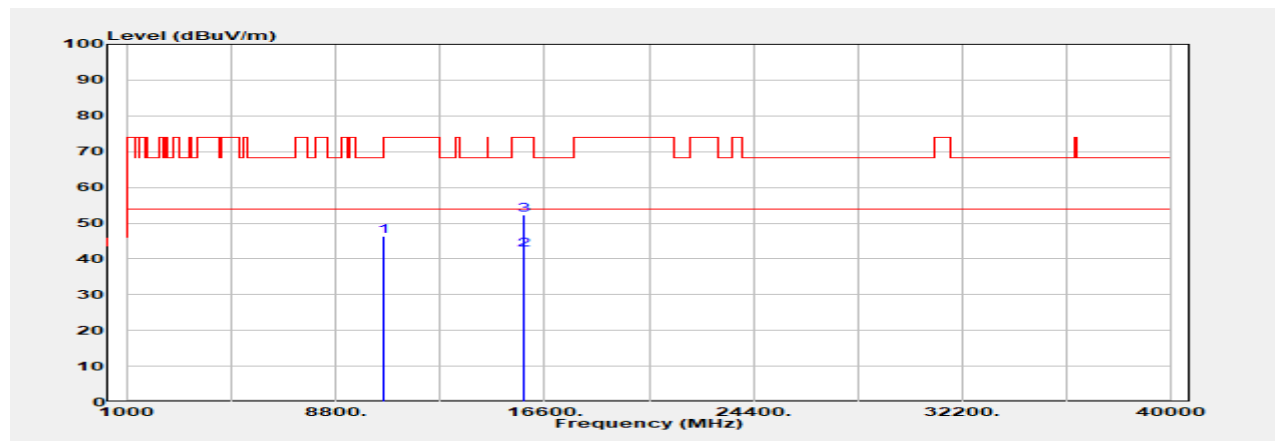
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	36.59	9.63	46.23	68.20	-21.97
15810.000	Average	29.55	13.05	42.60	54.00	-11.40
15810.000	Peak	39.32	13.05	52.37	74.00	-21.63

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

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Member of SGS Group

Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac40

Test Date :2024-04-10

Test Frequency :5310 MHz

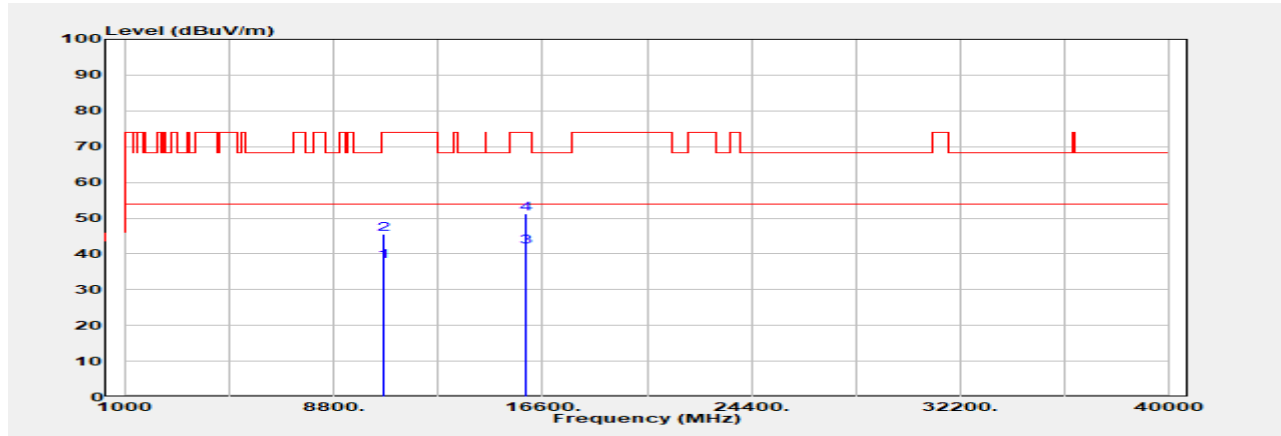
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	27.88	9.96	37.84	54.00	-16.16
10620.000	Peak	35.69	9.96	45.65	74.00	-28.35
15930.000	Average	29.14	12.92	42.06	54.00	-11.94
15930.000	Peak	38.31	12.92	51.23	74.00	-22.77

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac40

Test Date :2024-04-10

Test Frequency :5310 MHz

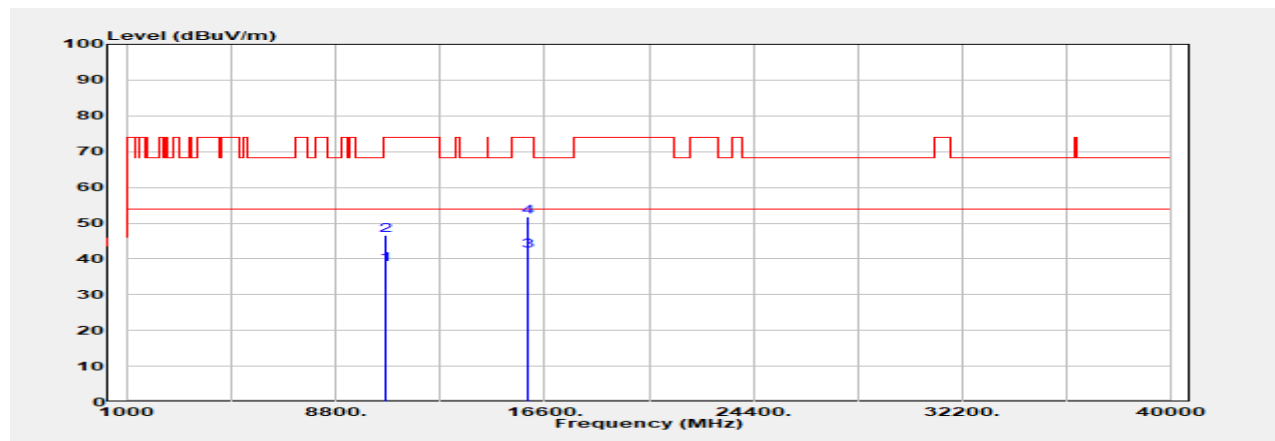
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	28.39	9.96	38.35	54.00	-15.65
10620.000	Peak	36.66	9.96	46.62	74.00	-27.38
15930.000	Average	29.46	12.92	42.38	54.00	-11.62
15930.000	Peak	38.94	12.92	51.86	74.00	-22.14

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac40

Test Date :2024-04-10

Test Frequency :5510 MHz

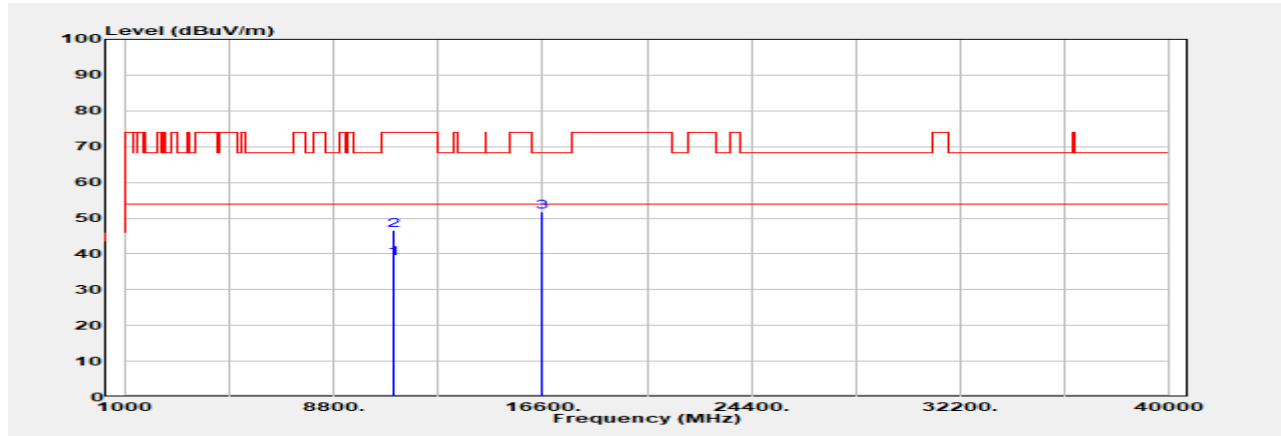
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	28.45	10.30	38.75	54.00	-15.25
11020.000	Peak	36.37	10.30	46.67	74.00	-27.33
16530.000	Peak	38.71	12.96	51.67	68.20	-16.53

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac40

Test Date :2024-04-10

Test Frequency :5510 MHz

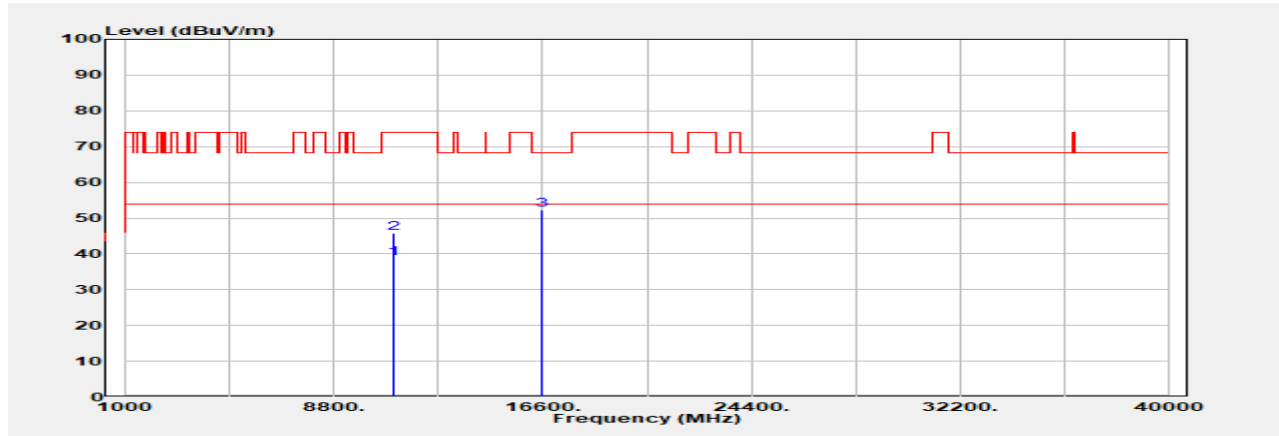
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	28.33	10.30	38.63	54.00	-15.37
11020.000	Peak	35.62	10.30	45.92	74.00	-28.08
16530.000	Peak	39.29	12.96	52.25	68.20	-15.95

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac40

Test Date :2024-04-10

Test Frequency :5590 MHz

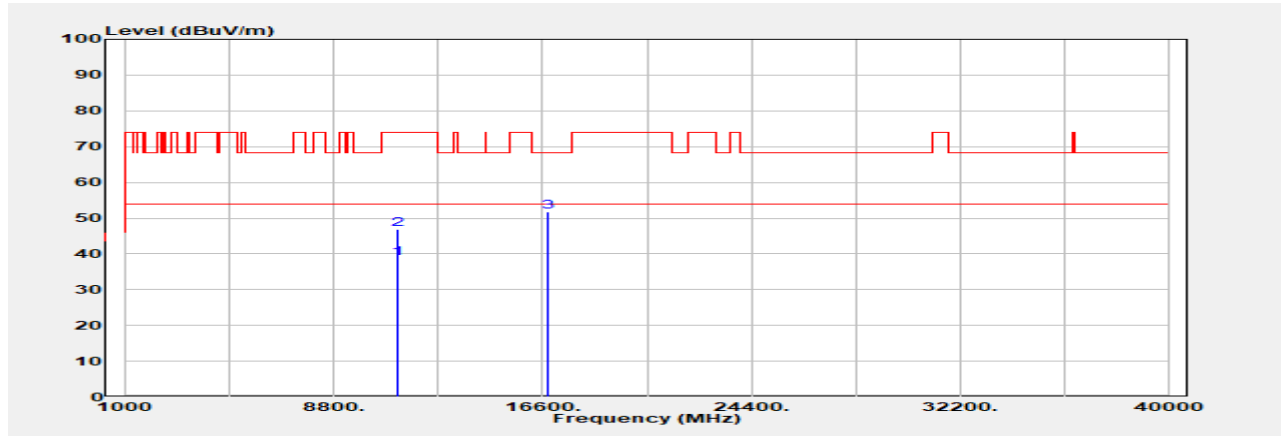
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11180.000	Average	28.74	9.98	38.72	54.00	-15.28
11180.000	Peak	36.95	9.98	46.94	74.00	-27.06
16770.000	Peak	39.33	12.56	51.89	68.20	-16.31

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac40

Test Date :2024-04-10

Test Frequency :5590 MHz

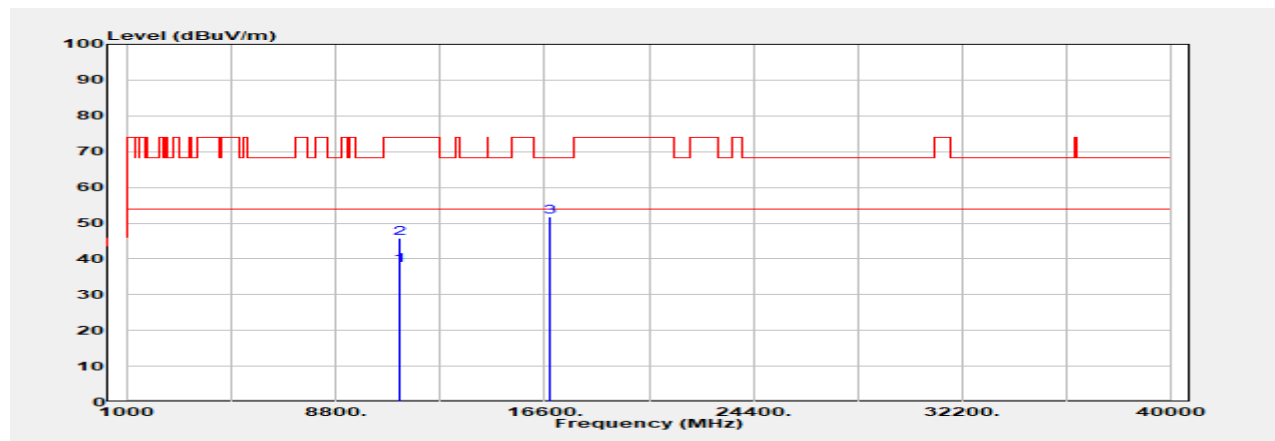
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11180.000	Average	28.36	9.98	38.34	54.00	-15.66
11180.000	Peak	35.92	9.98	45.91	74.00	-28.09
16770.000	Peak	39.19	12.56	51.75	68.20	-16.45

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac40

Test Date :2024-04-10

Test Frequency :5670 MHz

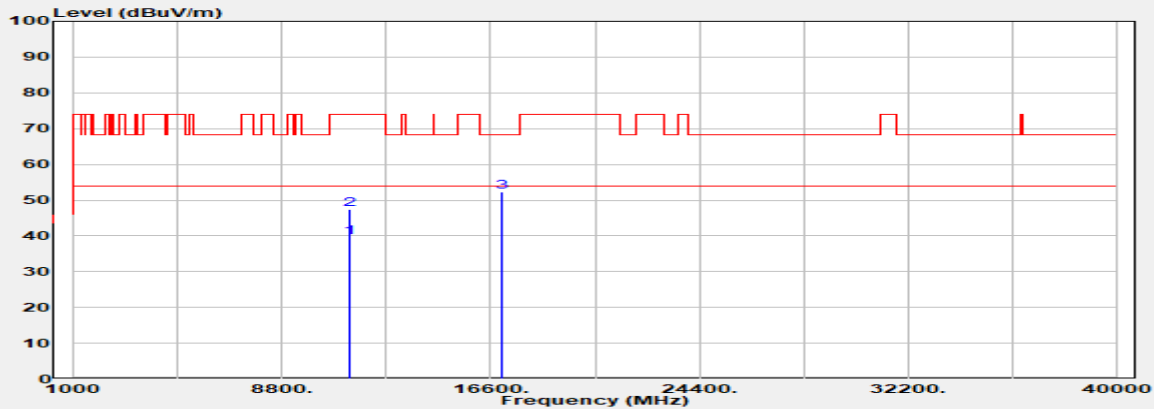
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	28.41	11.13	39.54	54.00	-14.46
11340.000	Peak	36.34	11.13	47.48	74.00	-26.52
17010.000	Peak	38.70	13.67	52.37	68.20	-15.83

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac40

Test Date :2024-04-10

Test Frequency :5670 MHz

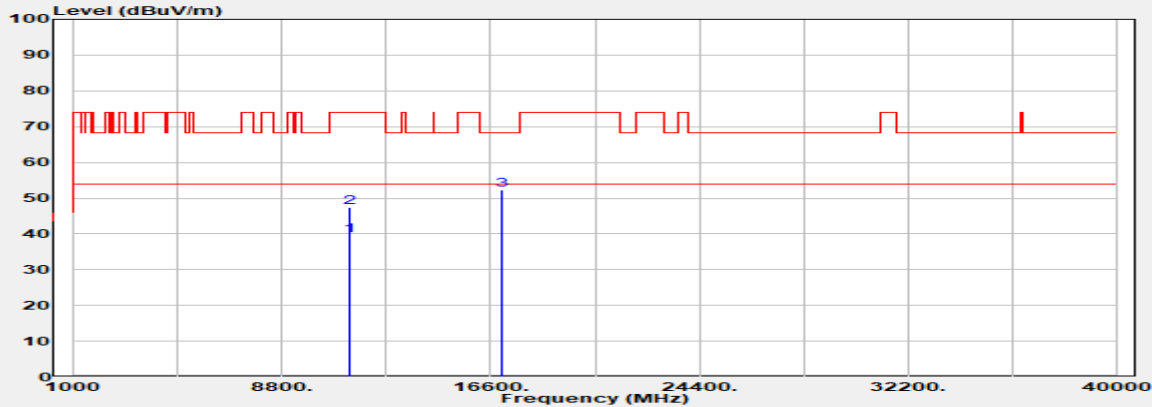
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	28.33	11.13	39.46	54.00	-14.54
11340.000	Peak	36.32	11.13	47.45	74.00	-26.55
17010.000	Peak	38.63	13.67	52.30	68.20	-15.90

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac40

Test Date :2024-04-10

Test Frequency :5710 MHz

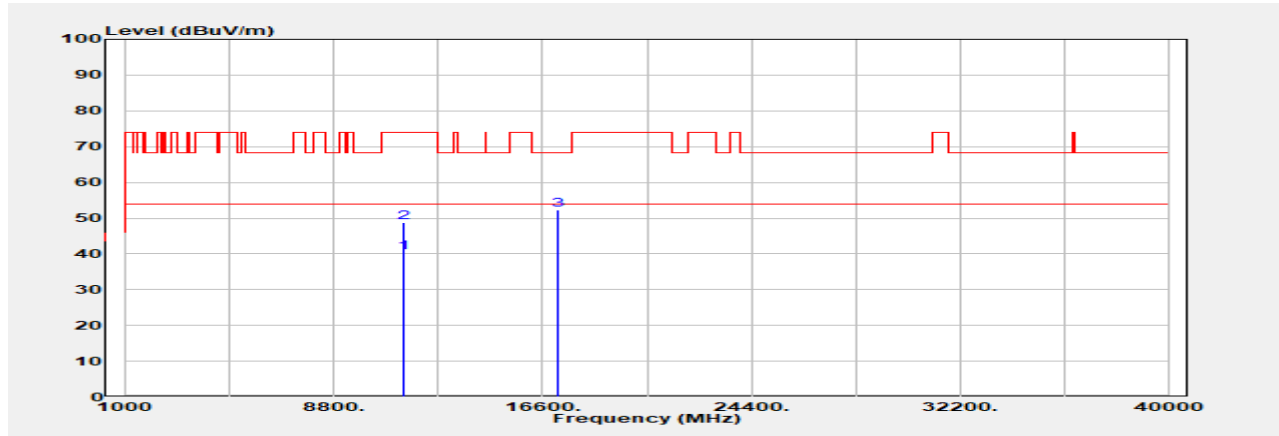
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	28.44	11.92	40.36	54.00	-13.64
11420.000	Peak	36.90	11.92	48.82	74.00	-25.18
17130.000	Peak	39.75	12.43	52.18	68.20	-16.02

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac40

Test Date :2024-04-10

Test Frequency :5710 MHz

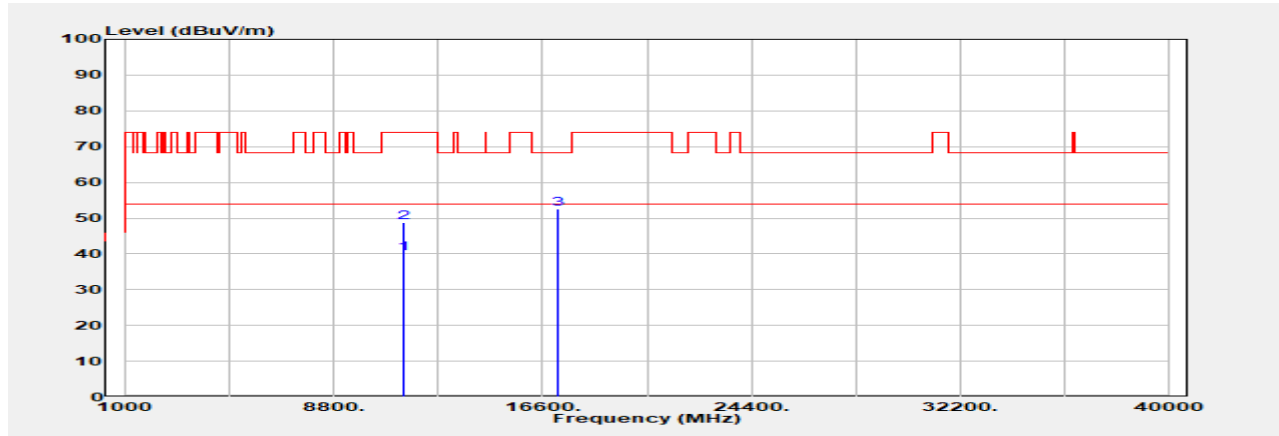
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	28.23	11.92	40.15	54.00	-13.85
11420.000	Peak	36.91	11.92	48.83	74.00	-25.17
17130.000	Peak	40.17	12.43	52.60	68.20	-15.60

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac40

Test Date :2024-04-10

Test Frequency :5755 MHz

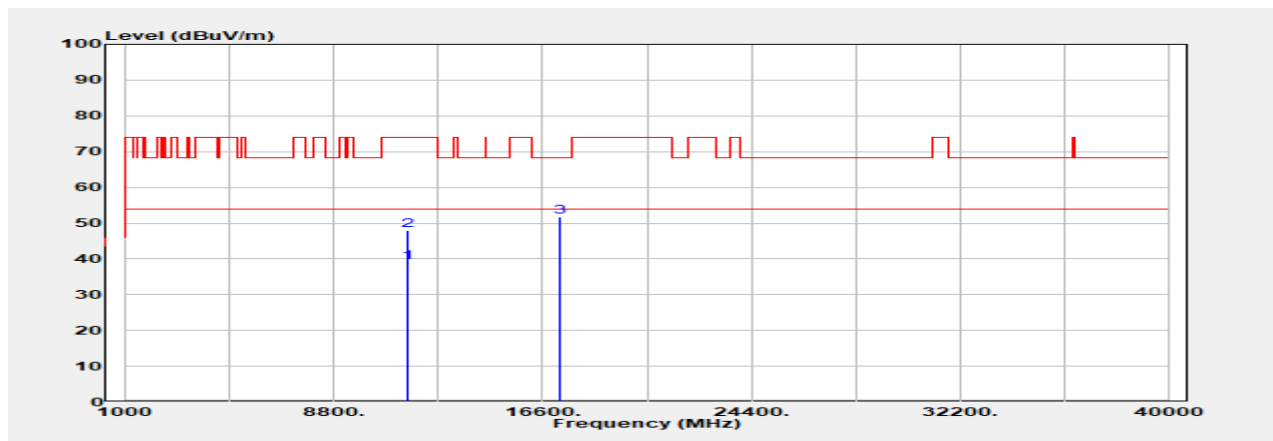
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	28.59	10.35	38.94	54.00	-15.06
11510.000	Peak	37.65	10.35	48.00	74.00	-26.00
17265.000	Peak	38.74	12.93	51.66	68.20	-16.54

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac40

Test Date :2024-04-10

Test Frequency :5755 MHz

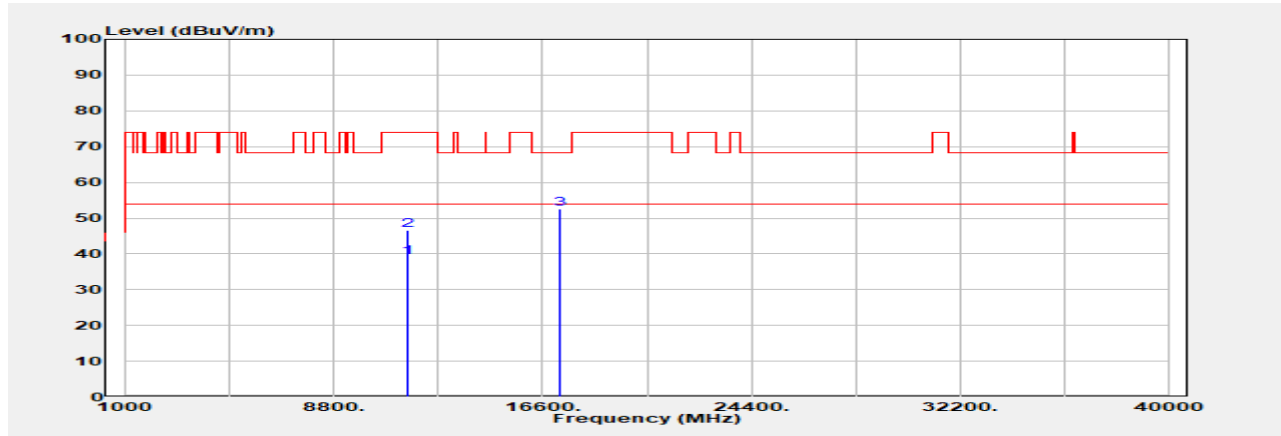
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	28.67	10.35	39.02	54.00	-14.98
11510.000	Peak	36.18	10.35	46.53	74.00	-27.47
17265.000	Peak	39.71	12.93	52.64	68.20	-15.56

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac40

Test Date :2024-04-10

Test Frequency :5795 MHz

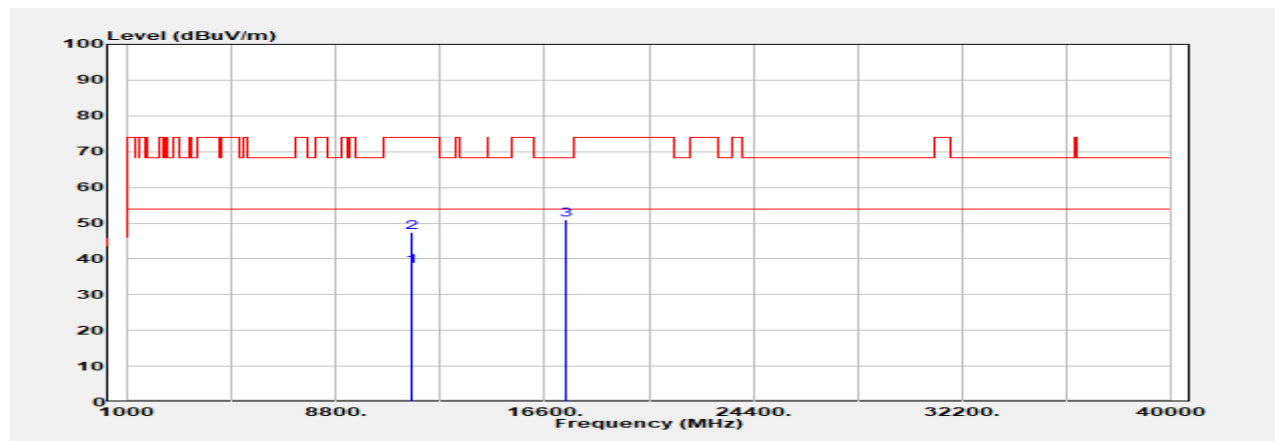
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	27.51	10.44	37.95	54.00	-16.05
11590.000	Peak	36.96	10.44	47.40	74.00	-26.60
17385.000	Peak	38.31	12.52	50.83	68.20	-17.37

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac40

Test Date :2024-04-10

Test Frequency :5795 MHz

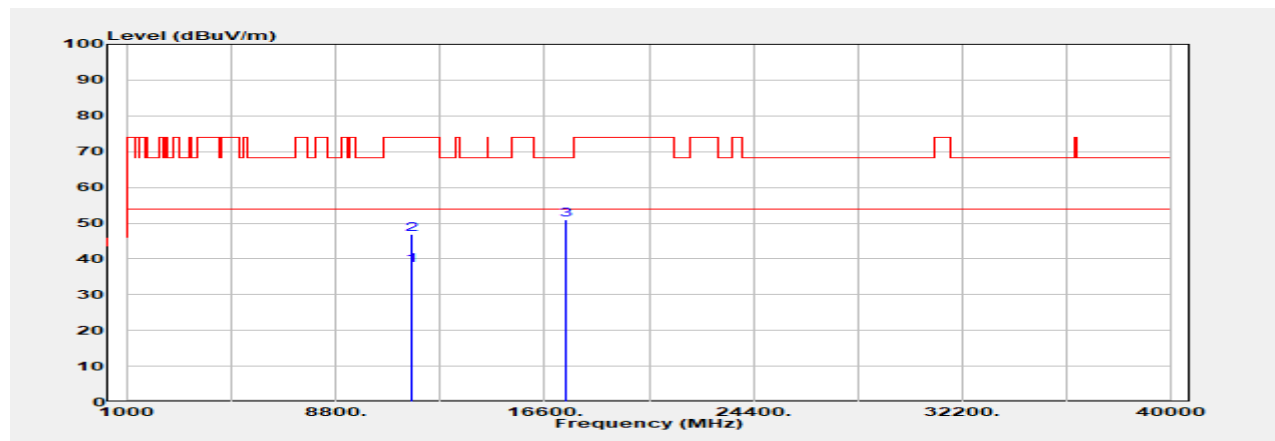
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	27.89	10.44	38.33	54.00	-15.67
11590.000	Peak	36.33	10.44	46.77	74.00	-27.23
17385.000	Peak	38.41	12.52	50.93	68.20	-17.27

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac80

Test Date :2024-04-10

Test Frequency :5210 MHz

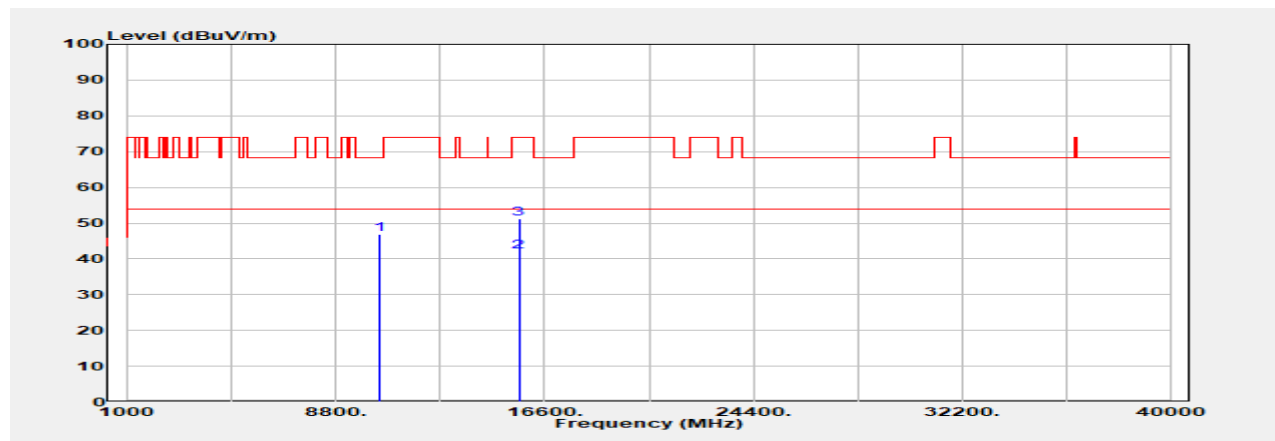
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	36.68	10.09	46.76	68.20	-21.44
15630.000	Average	29.23	12.73	41.96	54.00	-12.04
15630.000	Peak	38.37	12.73	51.09	74.00	-22.91

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac80

Test Date :2024-04-10

Test Frequency :5210 MHz

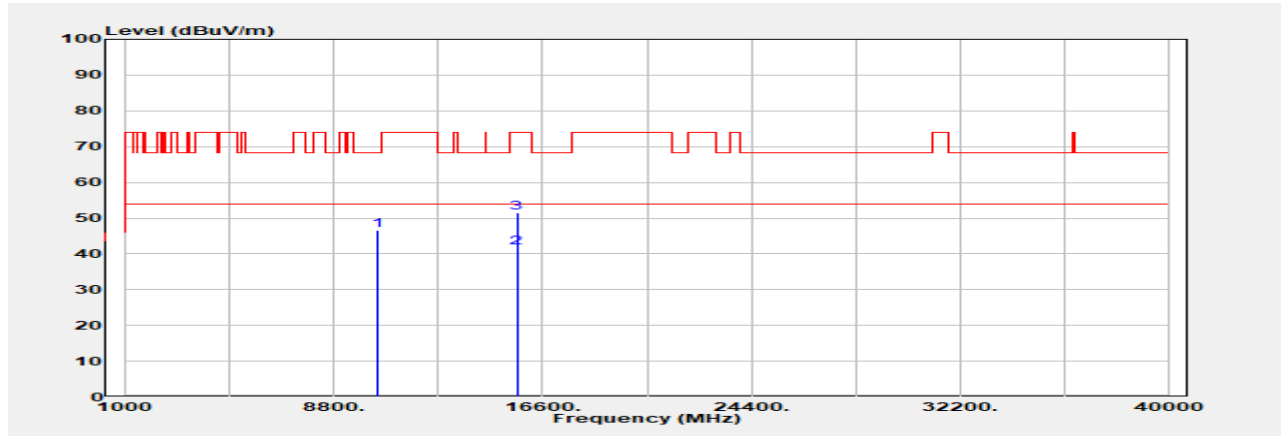
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	36.57	10.09	46.65	68.20	-21.55
15630.000	Average	29.04	12.73	41.77	54.00	-12.23
15630.000	Peak	38.86	12.73	51.59	74.00	-22.41

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac80

Test Date :2024-04-10

Test Frequency :5290 MHz

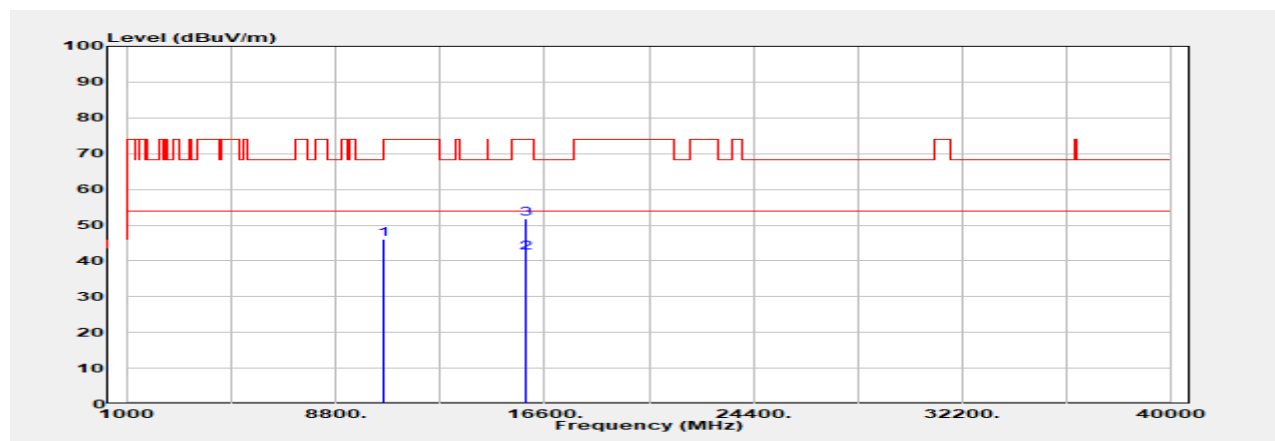
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	36.22	9.84	46.06	68.20	-22.14
15870.000	Average	29.03	13.12	42.15	54.00	-11.85
15870.000	Peak	38.65	13.12	51.77	74.00	-22.23

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac80

Test Date :2024-04-10

Test Frequency :5290 MHz

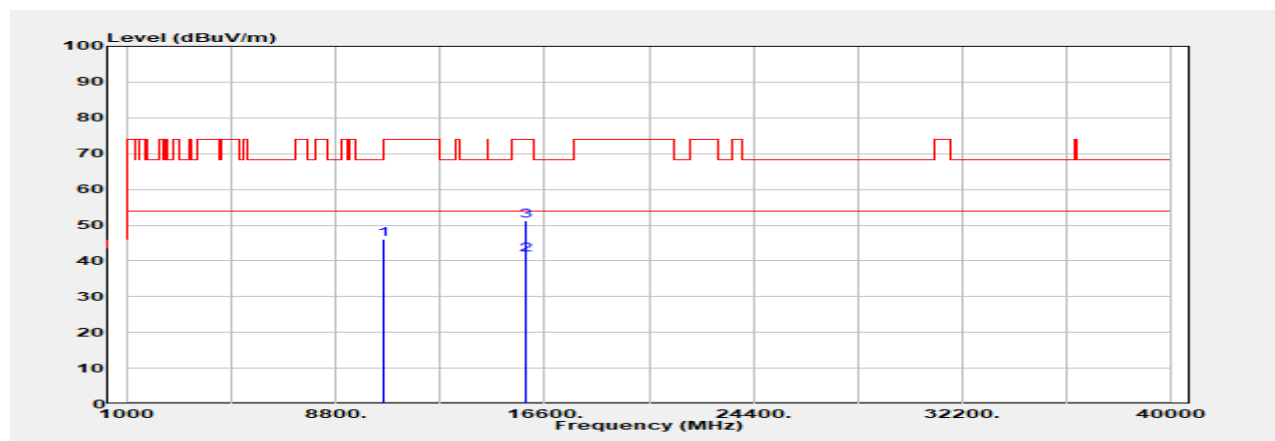
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	36.13	9.84	45.97	68.20	-22.23
15870.000	Average	28.72	13.12	41.84	54.00	-12.16
15870.000	Peak	37.99	13.12	51.10	74.00	-22.90

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac80

Test Date :2024-04-10

Test Frequency :5530 MHz

Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	27.67	10.37	38.04	54.00	-15.96
11060.000	Peak	36.99	10.37	47.36	74.00	-26.64
16590.000	Peak	38.85	13.17	52.03	68.20	-16.17

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac80

Test Date :2024-04-10

Test Frequency :5530 MHz

Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	27.43	10.37	37.80	54.00	-16.20
11060.000	Peak	37.07	10.37	47.44	74.00	-26.56
16590.000	Peak	39.25	13.17	52.43	68.20	-15.77

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac80

Test Date :2024-04-10

Test Frequency :5610 MHz

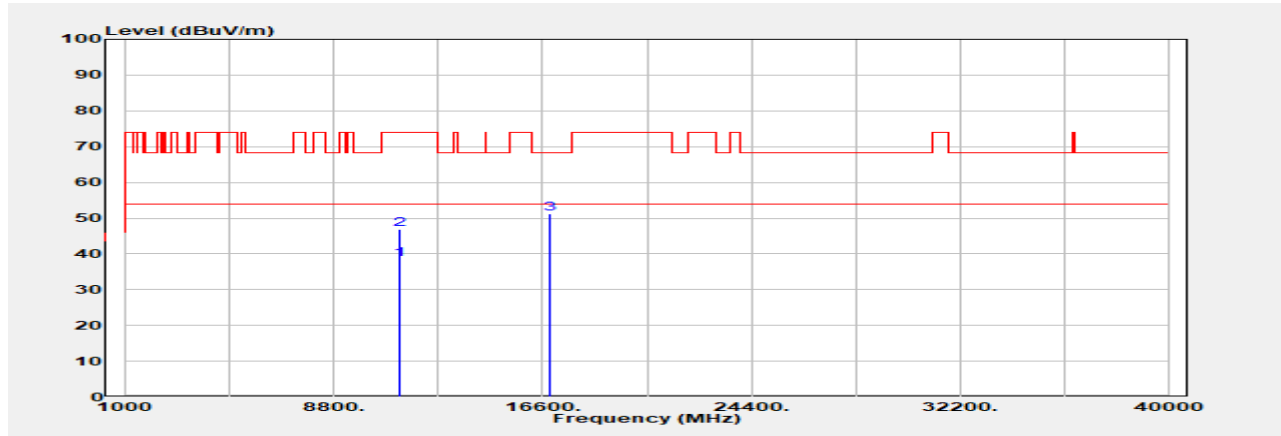
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	28.41	9.96	38.37	54.00	-15.63
11220.000	Peak	37.01	9.96	46.98	74.00	-27.02
16830.000	Peak	38.94	12.25	51.19	68.20	-17.01

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac80

Test Date :2024-04-10

Test Frequency :5610 MHz

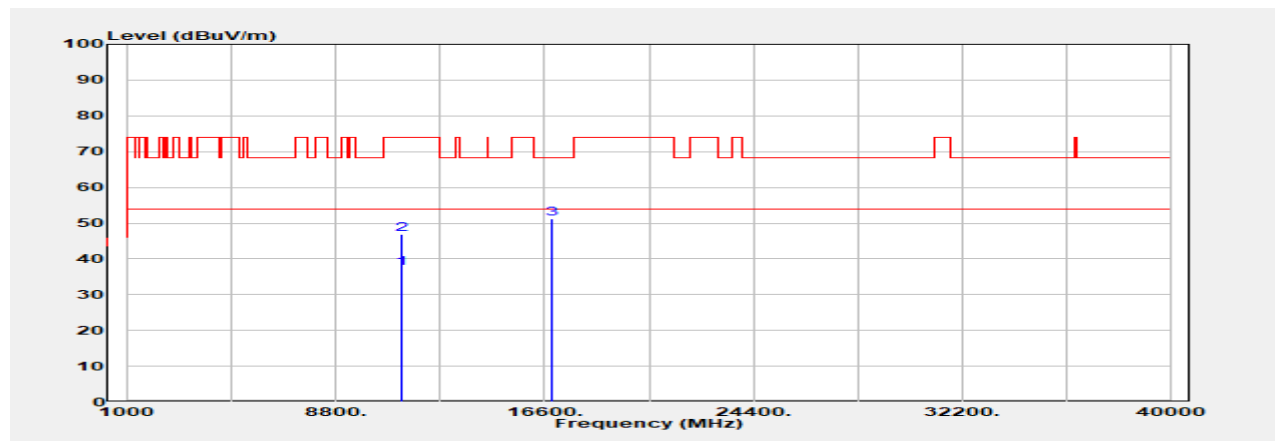
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	27.44	9.96	37.40	54.00	-16.60
11220.000	Peak	36.79	9.96	46.75	74.00	-27.25
16830.000	Peak	39.03	12.25	51.28	68.20	-16.92

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac80

Test Date :2024-04-10

Test Frequency :5690 MHz

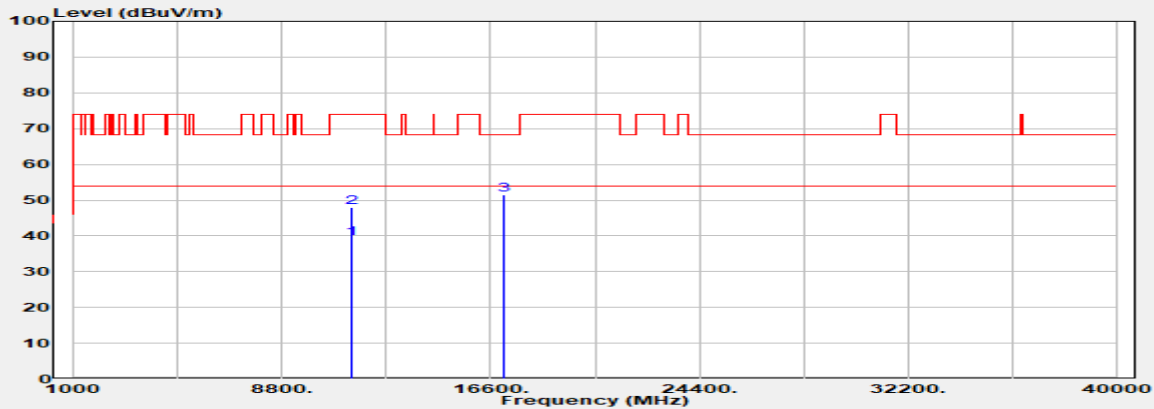
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	27.36	11.93	39.29	54.00	-14.71
11380.000	Peak	36.17	11.93	48.10	74.00	-25.90
17070.000	Peak	38.62	12.97	51.59	68.20	-16.61

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac80

Test Date :2024-04-10

Test Frequency :5690 MHz

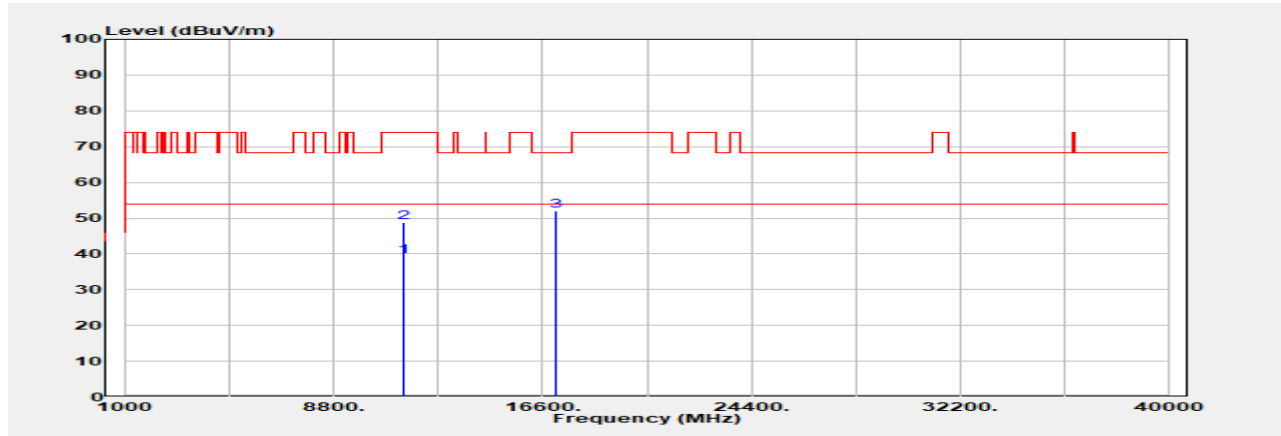
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	27.25	11.93	39.18	54.00	-14.82
11380.000	Peak	36.78	11.93	48.71	74.00	-25.29
17070.000	Peak	39.11	12.97	52.08	68.20	-16.12

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac80

Test Date :2024-04-10

Test Frequency :5775 MHz

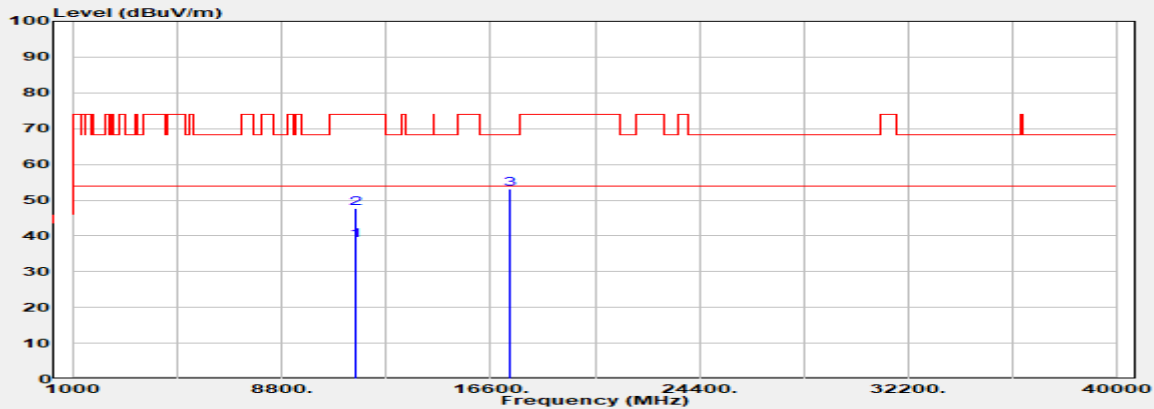
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	28.49	10.40	38.89	54.00	-15.11
11550.000	Peak	37.20	10.40	47.60	74.00	-26.40
17325.000	Peak	40.07	13.16	53.23	68.20	-14.97

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac80

Test Date :2024-04-10

Test Frequency :5775 MHz

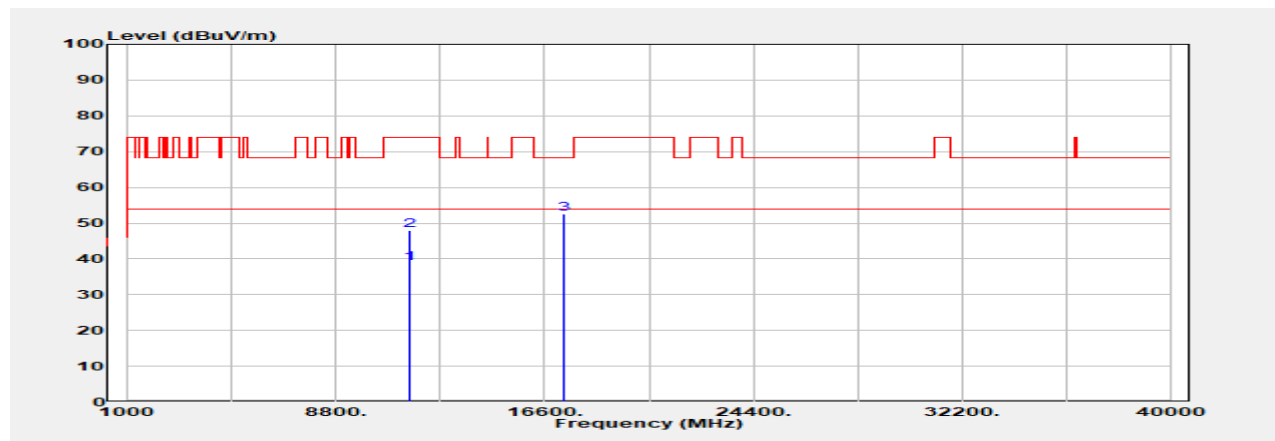
Temp./Humi. :24.2°C/57%

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	28.32	10.40	38.72	54.00	-15.28
11550.000	Peak	37.62	10.40	48.02	74.00	-25.98
17325.000	Peak	39.44	13.16	52.60	68.20	-15.60

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8.6.2 Band edge falling to restricted band

Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-09

Test Frequency :5180 MHz

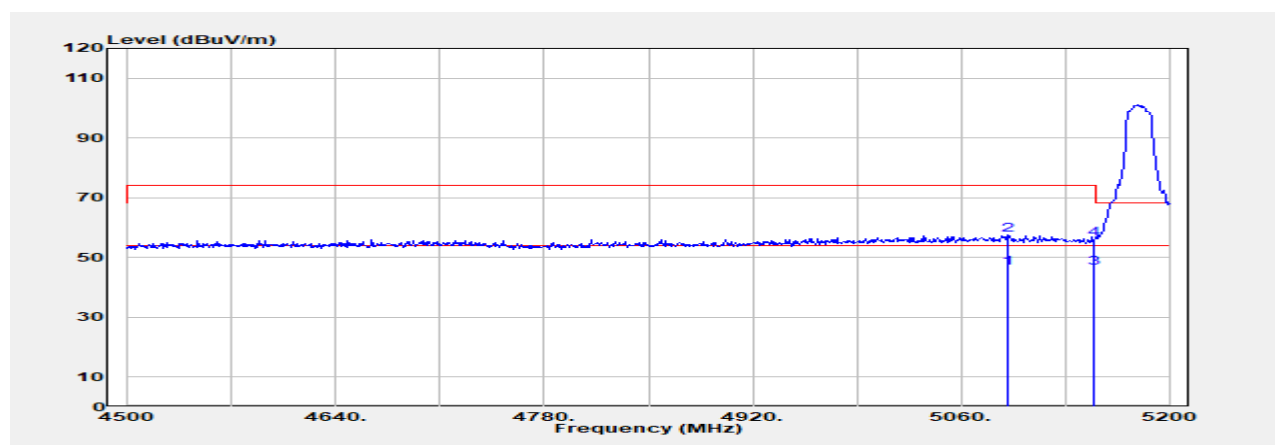
Temp./Humi. :24.9°C/59%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5092.200	Average	40.37	6.02	46.39	54.00	-7.61
5092.200	Peak	51.69	6.02	57.71	74.00	-16.29
5150.000	Average	40.71	5.72	46.43	54.00	-7.57
5150.000	Peak	50.55	5.72	56.28	74.00	-17.72

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-09

Test Frequency :5180 MHz

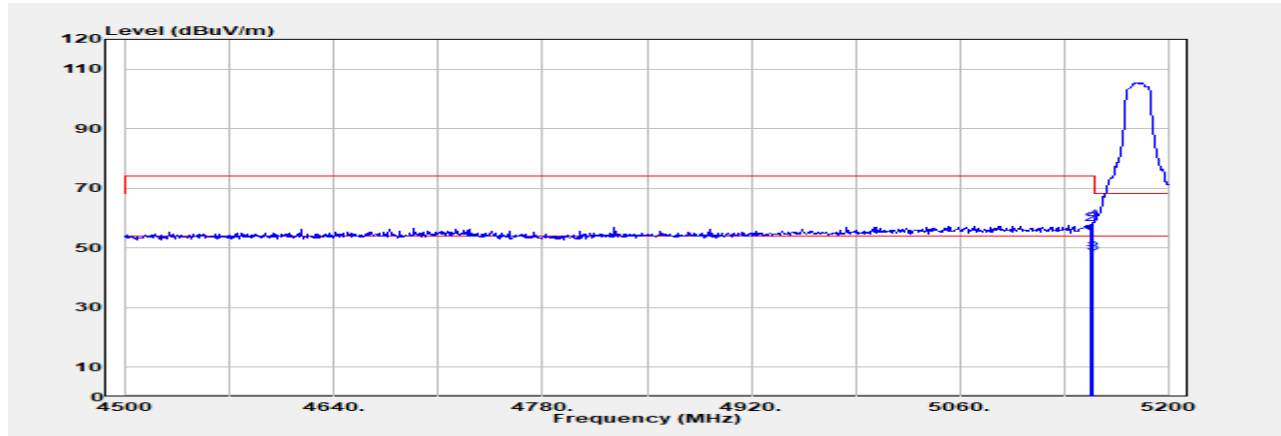
Temp./Humi. :24.9°C/59%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5147.500	Average	41.69	5.74	47.43	54.00	-6.57
5147.500	Peak	52.22	5.74	57.96	74.00	-16.04
5150.000	Average	42.30	5.72	48.03	54.00	-5.97
5150.000	Peak	53.20	5.72	58.93	74.00	-15.07

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-09

Test Frequency :5320 MHz

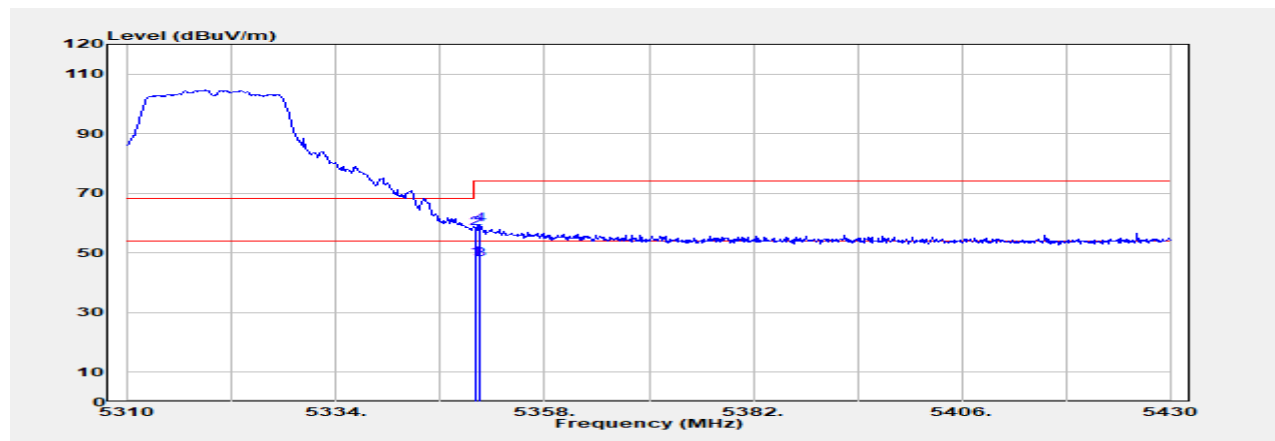
Temp./Humi. :24.9°C/59%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	42.68	5.34	48.02	54.00	-5.98
5350.000	Peak	52.81	5.34	58.15	74.00	-15.85
5350.560	Average	42.35	5.34	47.69	54.00	-6.31
5350.560	Peak	54.11	5.34	59.45	74.00	-14.55

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-09

Test Frequency :5320 MHz

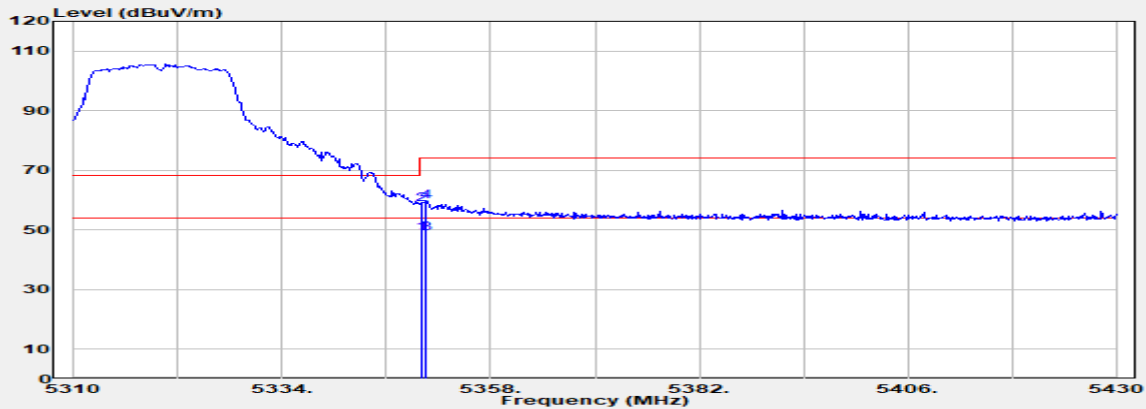
Temp./Humi. :24.9°C/59%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	43.57	5.34	48.91	54.00	-5.09
5350.000	Peak	53.15	5.34	58.49	74.00	-15.51
5350.440	Average	43.40	5.34	48.74	54.00	-5.26
5350.440	Peak	54.33	5.34	59.67	74.00	-14.33

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-09

Test Frequency :5500 MHz

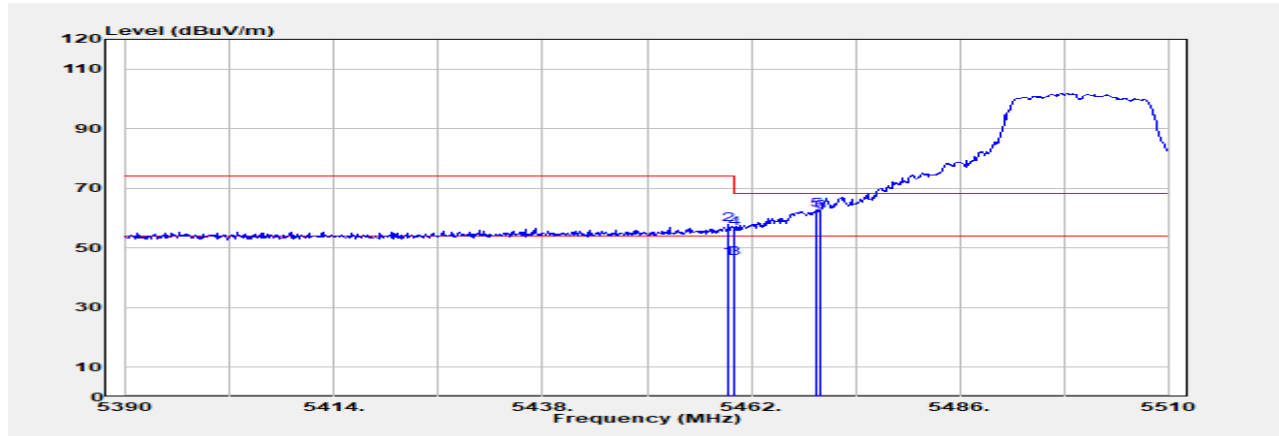
Temp./Humi. :24.9°C/59%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5459.360	Average	40.41	6.11	46.52	54.00	-7.48
5459.360	Peak	51.72	6.11	57.83	74.00	-16.17
5460.000	Average	40.55	6.11	46.66	54.00	-7.34
5460.000	Peak	50.63	6.11	56.74	74.00	-17.26
5469.440	Peak	56.44	6.20	62.64	68.20	-5.56
5470.000	Peak	55.92	6.21	62.13	68.20	-6.07

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-09

Test Frequency :5500 MHz

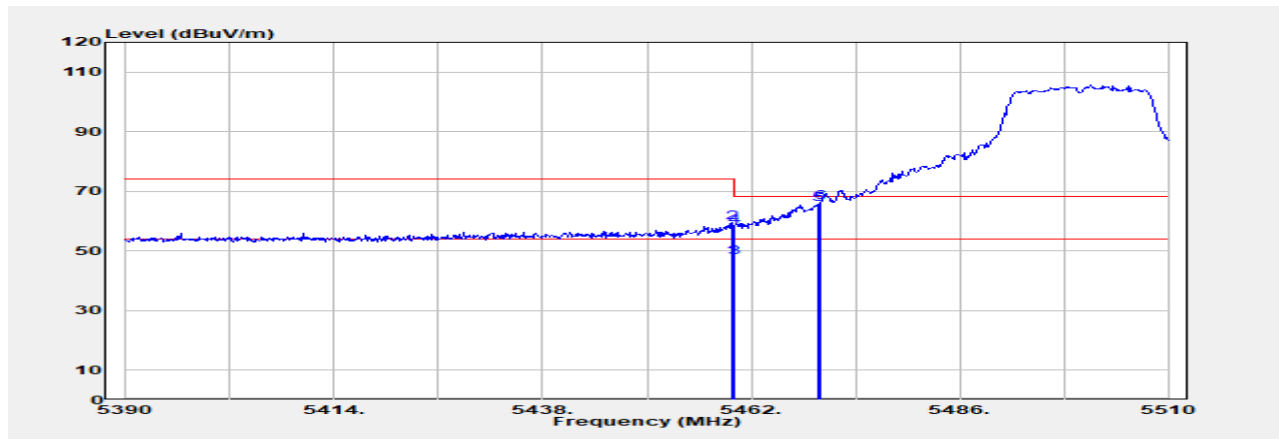
Temp./Humi. :24.9°C/59%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5459.840	Average	41.67	6.11	47.78	54.00	-6.22
5459.840	Peak	53.42	6.11	59.54	74.00	-14.46
5460.000	Average	41.61	6.11	47.73	54.00	-6.27
5460.000	Peak	52.00	6.11	58.11	74.00	-15.89
5469.680	Peak	59.59	6.20	65.79	68.20	-2.41
5470.000	Peak	60.25	6.21	66.45	68.20	-1.75

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-09

Test Frequency :5700 MHz

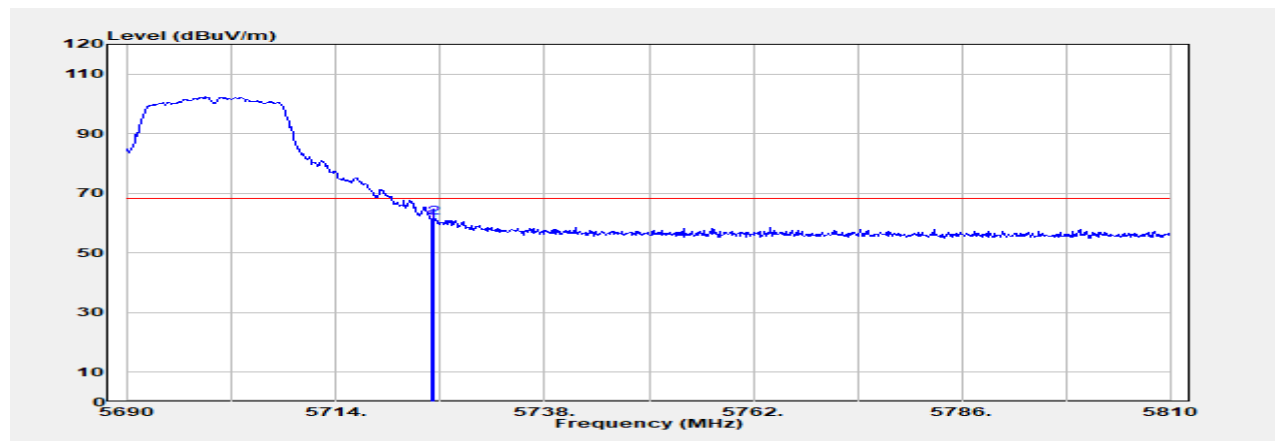
Temp./Humi. :24.9°C/59%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	53.72	7.12	60.83	68.20	-7.37
5725.280	Peak	54.53	7.12	61.64	68.20	-6.56

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SGS Taiwan Ltd.

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

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Member of SGS Group

Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-09

Test Frequency :5700 MHz

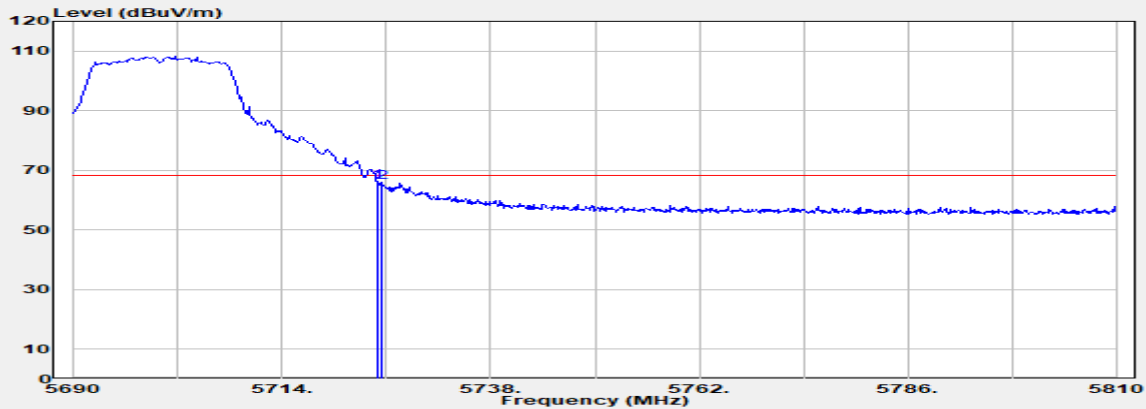
Temp./Humi. :24.9°C/59%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	59.29	7.12	66.41	68.20	-1.79
5725.400	Peak	58.94	7.12	66.06	68.20	-2.14

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-09

Test Frequency :5720 MHz

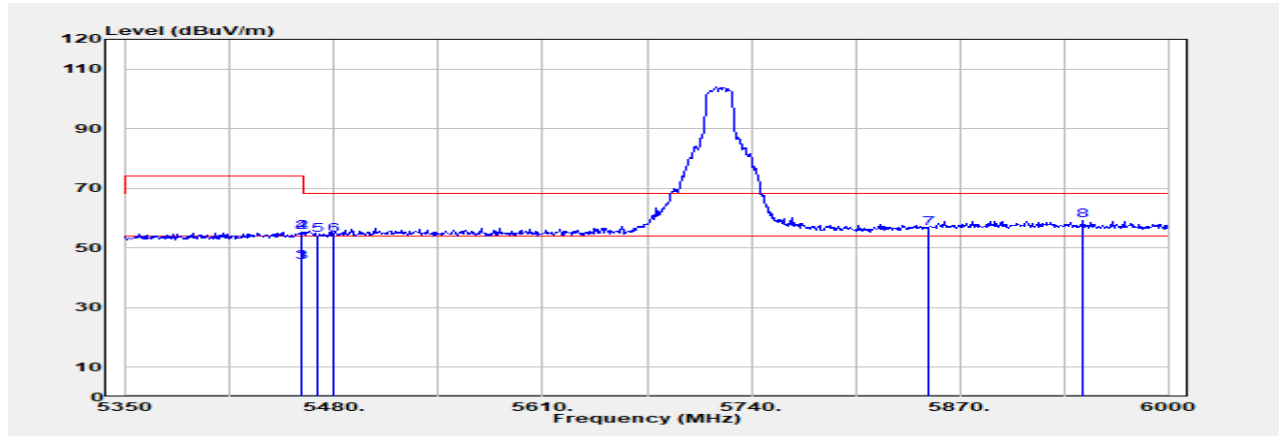
Temp./Humi. :24.9°C/59%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5459.850	Average	38.95	6.11	45.06	54.00	-8.94
5459.850	Peak	49.14	6.11	55.25	74.00	-18.75
5460.000	Average	39.07	6.11	45.19	54.00	-8.81
5460.000	Peak	49.14	6.11	55.25	74.00	-18.75
5470.000	Peak	48.14	6.21	54.35	68.20	-13.85
5480.000	Peak	47.92	6.30	54.22	68.20	-13.98
5850.000	Peak	48.62	8.01	56.63	68.20	-11.57
5947.350	Peak	50.63	8.63	59.26	68.20	-8.94

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-09

Test Frequency :5720 MHz

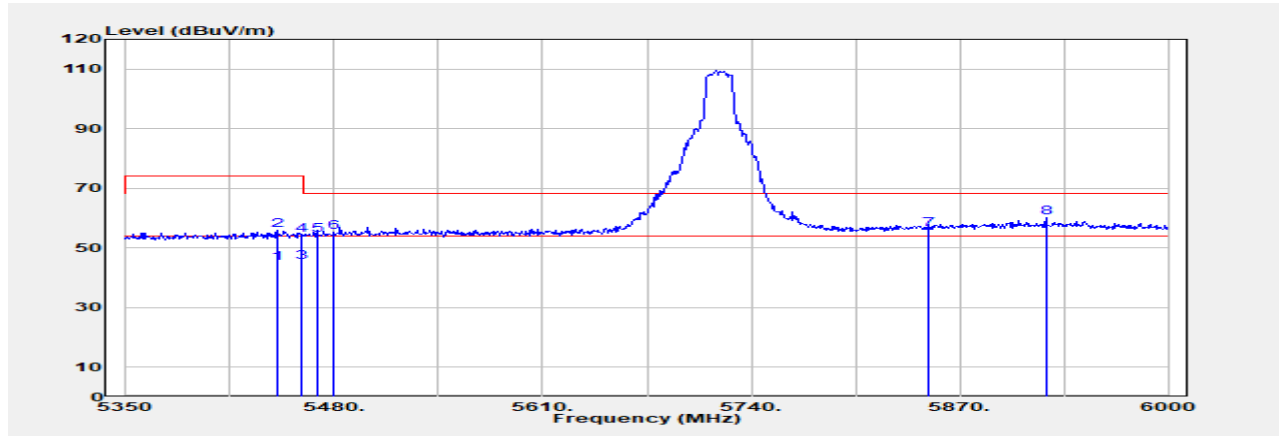
Temp./Humi. :24.9°C/59%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	38.96	5.97	44.93	54.00	-9.07
5444.250	Peak	49.86	5.97	55.83	74.00	-18.17
5460.000	Average	39.19	6.11	45.30	54.00	-8.70
5460.000	Peak	48.29	6.11	54.40	74.00	-19.60
5470.000	Peak	48.05	6.21	54.26	68.20	-13.94
5480.000	Peak	49.14	6.30	55.44	68.20	-12.76
5850.000	Peak	48.30	8.01	56.30	68.20	-11.90
5923.950	Peak	51.47	8.72	60.19	68.20	-8.01

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-09

Test Frequency :5745 MHz

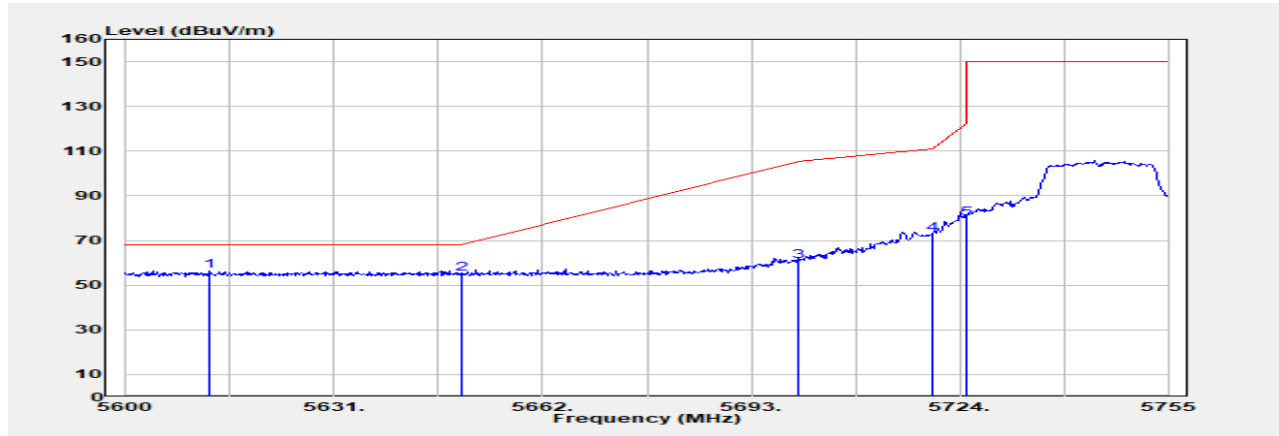
Temp./Humi. :24.9°C/59%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5612.400	Peak	50.36	6.15	56.51	68.20	-11.69
5650.000	Peak	48.54	6.43	54.96	68.20	-13.24
5700.000	Peak	53.63	6.99	60.62	105.20	-44.58
5720.000	Peak	65.83	7.09	72.92	110.80	-37.88
5725.000	Peak	72.79	7.12	79.91	122.20	-42.29

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-09

Test Frequency :5745 MHz

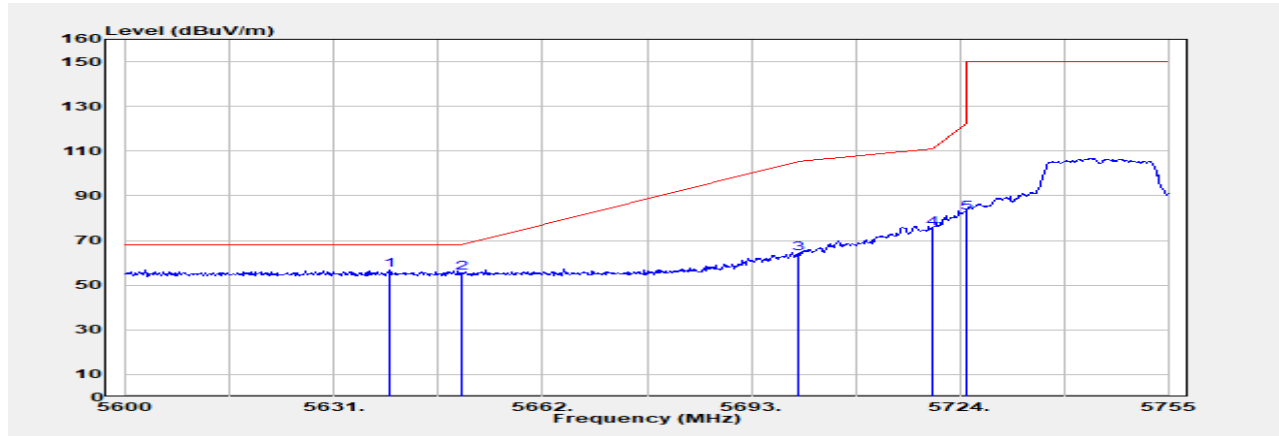
Temp./Humi. :24.9°C/59%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5639.215	Peak	50.65	6.35	57.00	68.20	-11.20
5650.000	Peak	48.87	6.43	55.29	68.20	-12.91
5700.000	Peak	57.33	6.99	64.32	105.20	-40.88
5720.000	Peak	68.28	7.09	75.38	110.80	-35.42
5725.000	Peak	75.26	7.12	82.38	122.20	-39.82

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-09

Test Frequency :5825 MHz

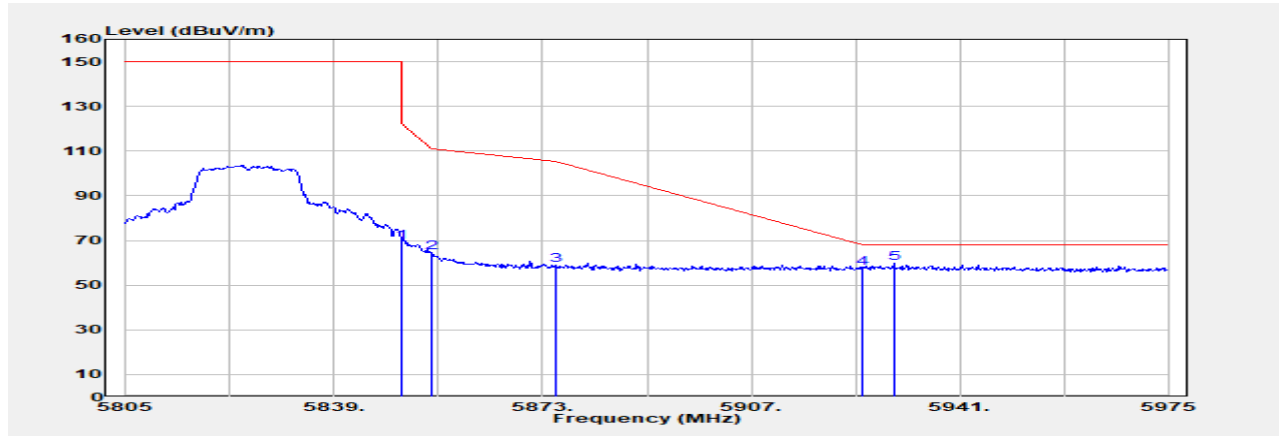
Temp./Humi. :24.9°C/59%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	61.42	8.01	69.43	122.20	-52.77
5855.000	Peak	56.32	8.09	64.40	110.80	-46.40
5875.000	Peak	50.70	8.41	59.11	105.20	-46.09
5925.000	Peak	48.79	8.72	57.51	68.20	-10.69
5930.290	Peak	51.23	8.70	59.93	68.20	-8.27

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11a

Test Date :2024-04-09

Test Frequency :5825 MHz

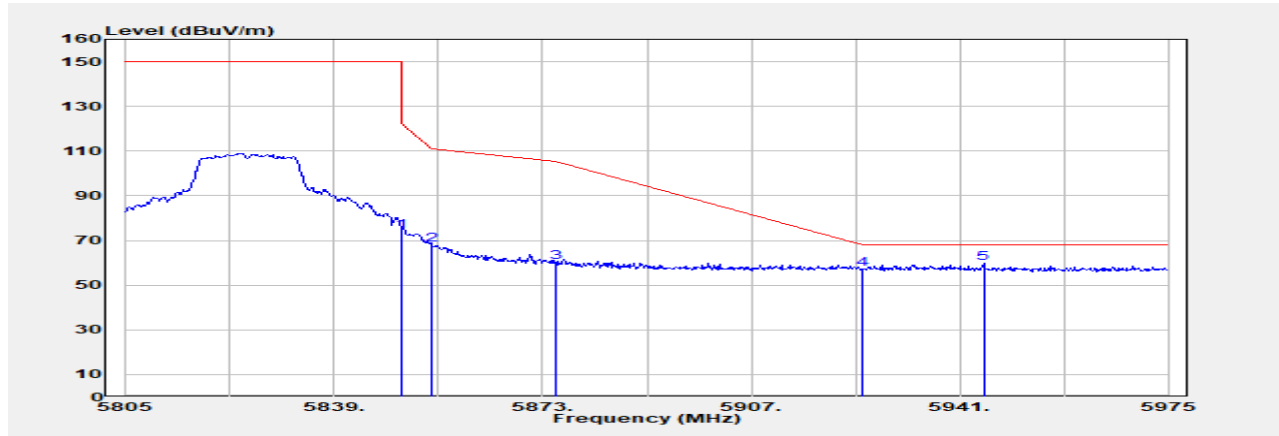
Temp./Humi. :24.9°C/59%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	66.30	8.01	74.31	122.20	-47.89
5855.000	Peak	59.88	8.09	67.97	110.80	-42.83
5875.000	Peak	51.73	8.41	60.14	105.20	-45.06
5925.000	Peak	48.73	8.72	57.44	68.20	-10.76
5944.910	Peak	51.41	8.64	60.05	68.20	-8.15

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-09

Test Frequency :5180 MHz

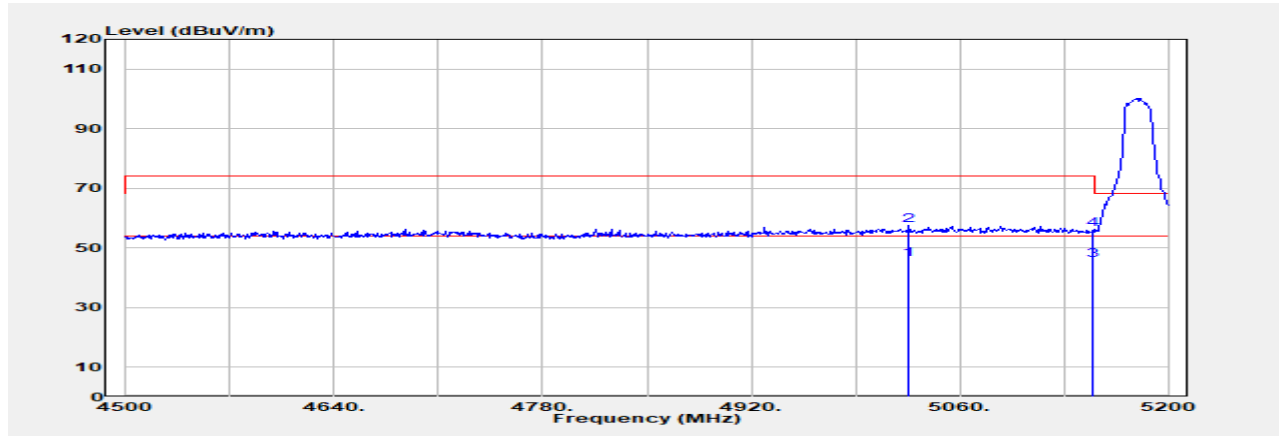
Temp./Humi. :24.9°C/59%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5025.700	Average	40.35	5.83	46.18	54.00	-7.82
5025.700	Peak	51.80	5.83	57.63	74.00	-16.37
5150.000	Average	40.23	5.72	45.95	54.00	-8.05
5150.000	Peak	50.51	5.72	56.23	74.00	-17.77

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-09

Test Frequency :5180 MHz

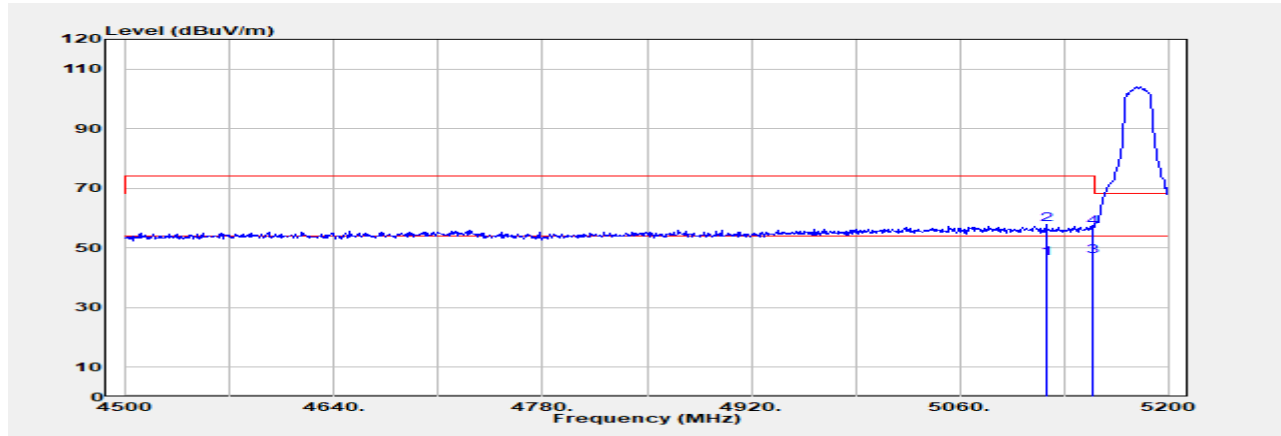
Temp./Humi. :24.9°C/59%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5118.100	Average	40.59	5.92	46.51	54.00	-7.49
5118.100	Peak	52.03	5.92	57.95	74.00	-16.05
5150.000	Average	41.38	5.72	47.10	54.00	-6.90
5150.000	Peak	51.07	5.72	56.80	74.00	-17.20

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-09

Test Frequency :5320 MHz

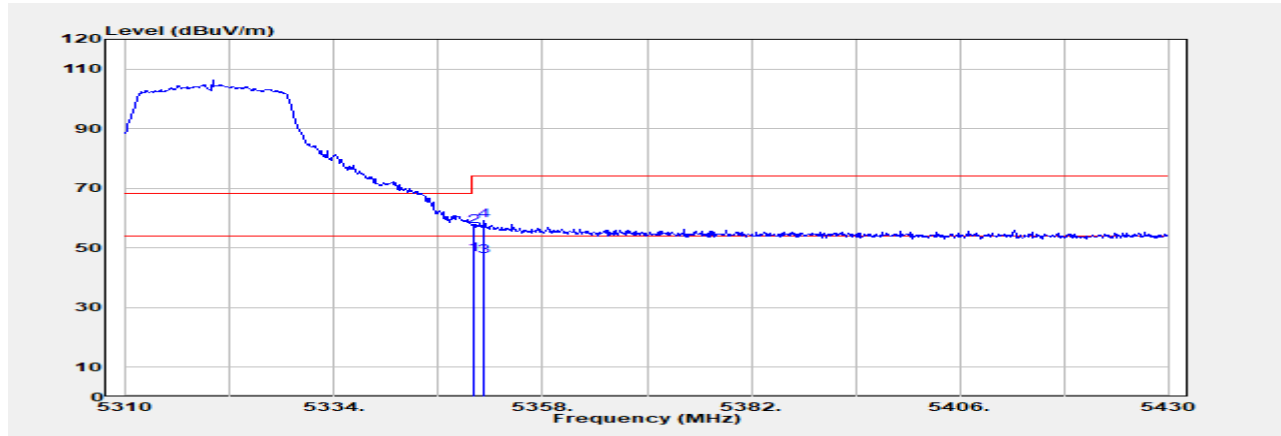
Temp./Humi. :24.9°C/59%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	42.36	5.34	47.70	54.00	-6.30
5350.000	Peak	52.04	5.34	57.38	74.00	-16.62
5351.280	Average	41.91	5.35	47.26	54.00	-6.74
5351.280	Peak	53.92	5.35	59.27	74.00	-14.73

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-09

Test Frequency :5320 MHz

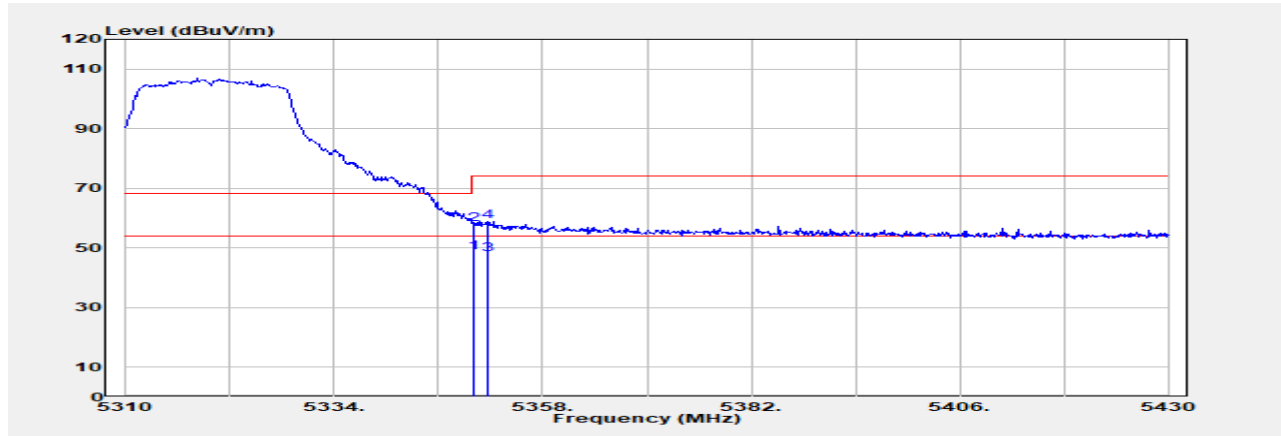
Temp./Humi. :24.9°C/59%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	43.26	5.34	48.60	54.00	-5.40
5350.000	Peak	52.59	5.34	57.93	74.00	-16.07
5351.640	Average	42.55	5.35	47.90	54.00	-6.10
5351.640	Peak	53.64	5.35	58.99	74.00	-15.01

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Member of SGS Group

Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-09

Test Frequency :5500 MHz

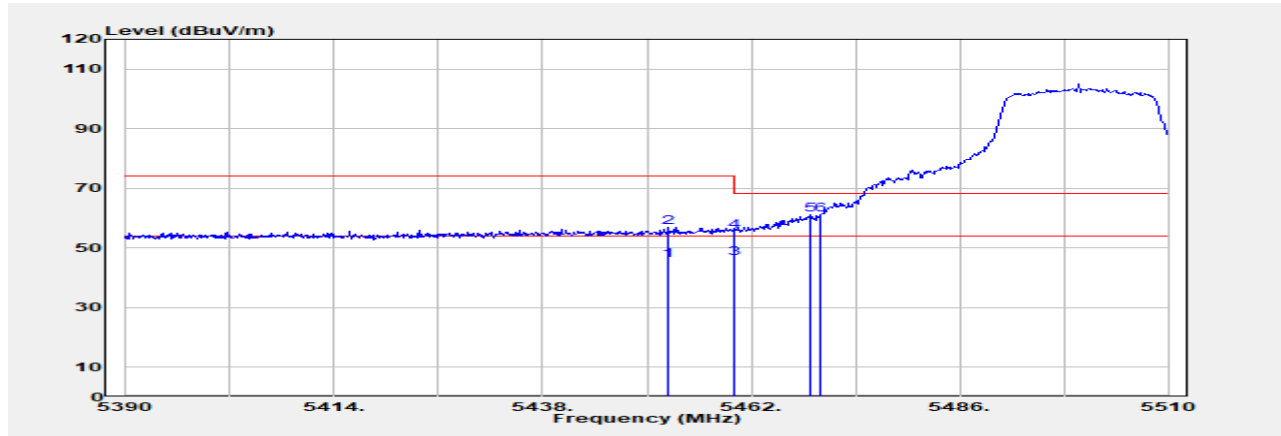
Temp./Humi. :24.9°C/59%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5452.520	Average	39.75	6.04	45.79	54.00	-8.21
5452.520	Peak	50.73	6.04	56.77	74.00	-17.23
5460.000	Average	40.34	6.11	46.45	54.00	-7.55
5460.000	Peak	49.50	6.11	55.61	74.00	-18.39
5468.840	Peak	55.05	6.19	61.24	68.20	-6.96
5470.000	Peak	55.01	6.21	61.21	68.20	-6.99

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-09

Test Frequency :5500 MHz

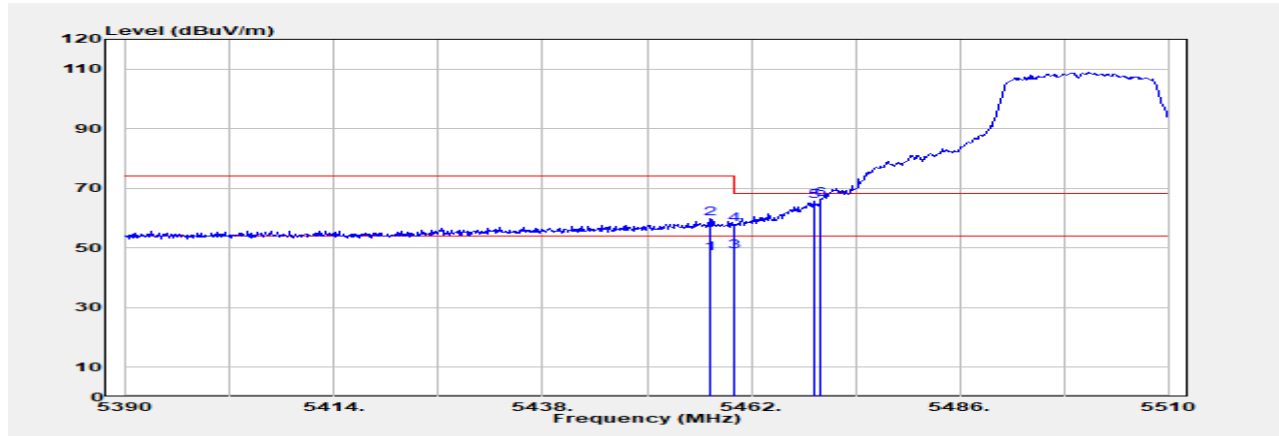
Temp./Humi. :24.9°C/59%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5457.200	Average	42.08	6.09	48.17	54.00	-5.83
5457.200	Peak	53.88	6.09	59.97	74.00	-14.03
5460.000	Average	42.51	6.11	48.63	54.00	-5.37
5460.000	Peak	51.88	6.11	57.99	74.00	-16.01
5469.320	Peak	59.49	6.20	65.69	68.20	-2.51
5470.000	Peak	60.10	6.21	66.31	68.20	-1.89

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-09

Test Frequency :5700 MHz

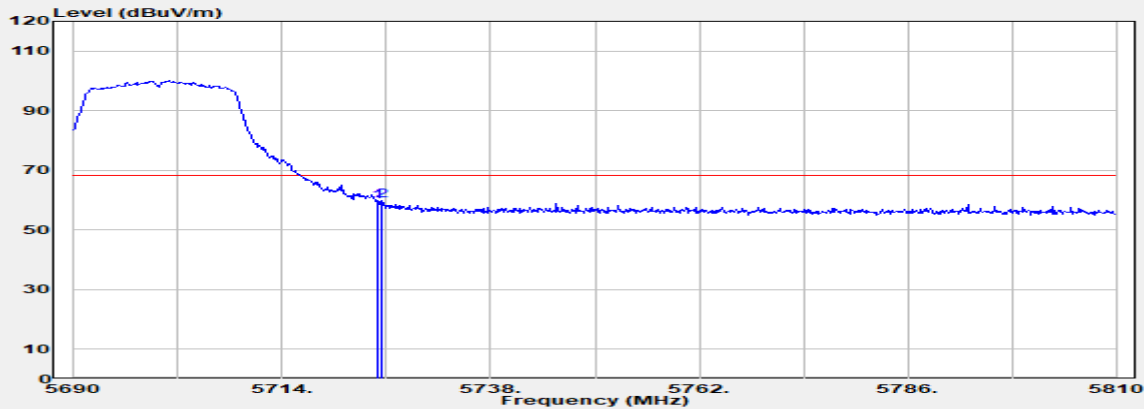
Temp./Humi. :24.9°C/59%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	52.49	7.12	59.61	68.20	-8.59
5725.400	Peak	52.85	7.12	59.97	68.20	-8.23

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-09

Test Frequency :5700 MHz

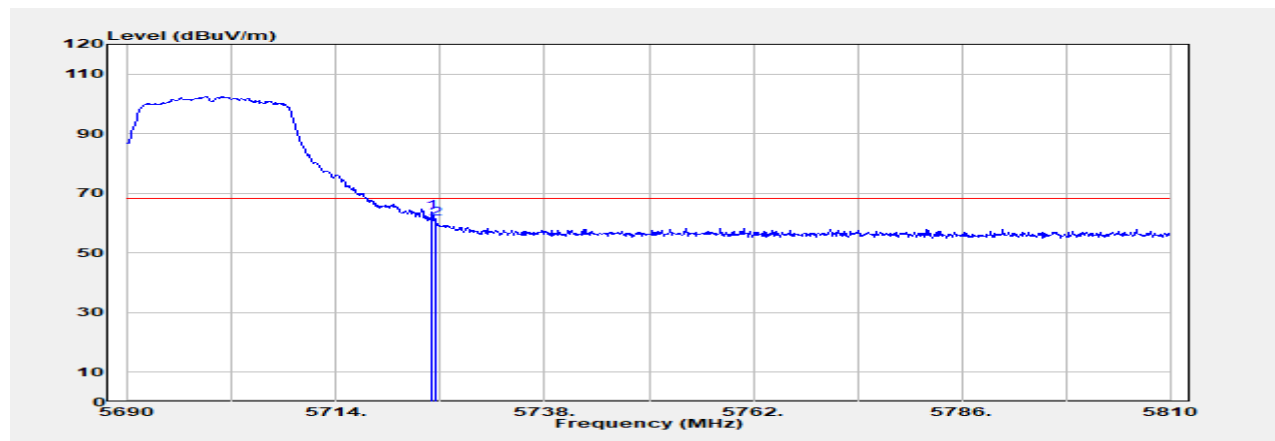
Temp./Humi. :24.9°C/59%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	56.70	7.12	63.82	68.20	-4.38
5725.400	Peak	54.35	7.12	61.47	68.20	-6.73

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-09

Test Frequency :5720 MHz

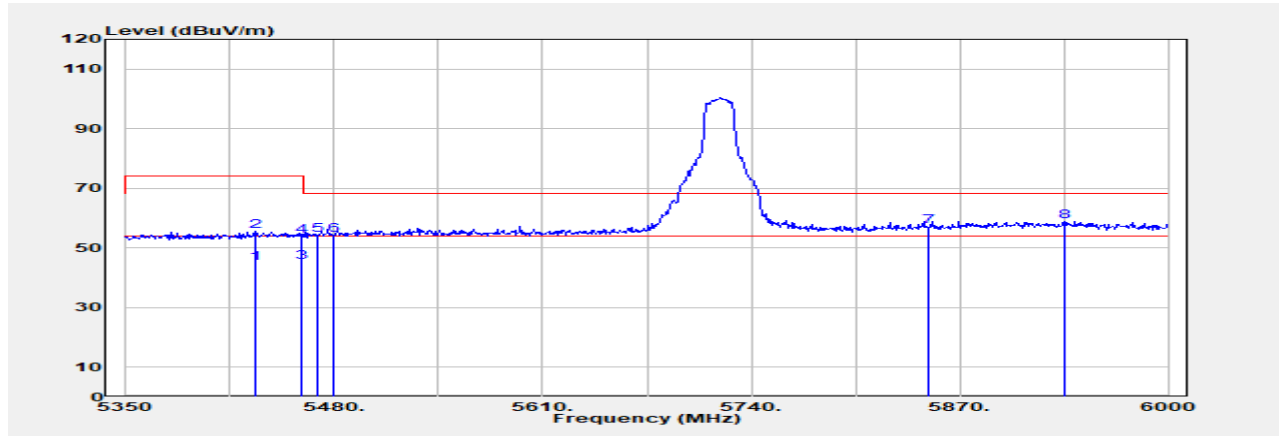
Temp./Humi. :24.9°C/59%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5430.600	Average	38.93	5.84	44.78	54.00	-9.22
5430.600	Peak	49.64	5.84	55.48	74.00	-18.52
5460.000	Average	39.08	6.11	45.19	54.00	-8.81
5460.000	Peak	47.96	6.11	54.07	74.00	-19.93
5470.000	Peak	48.07	6.21	54.27	68.20	-13.93
5480.000	Peak	47.95	6.30	54.25	68.20	-13.95
5850.000	Peak	49.14	8.01	57.15	68.20	-11.05
5935.000	Peak	50.33	8.68	59.01	68.20	-9.19

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-09

Test Frequency :5720 MHz

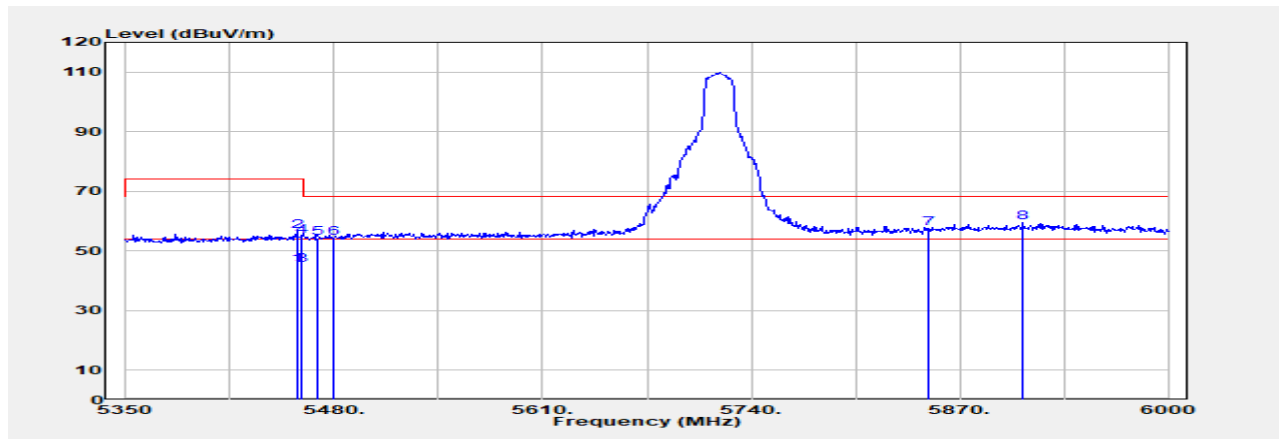
Temp./Humi. :24.9°C/59%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5456.600	Average	39.00	6.08	45.08	54.00	-8.92
5456.600	Peak	50.41	6.08	56.49	74.00	-17.51
5460.000	Average	39.06	6.11	45.17	54.00	-8.83
5460.000	Peak	48.97	6.11	55.08	74.00	-18.92
5470.000	Peak	48.11	6.21	54.31	68.20	-13.89
5480.000	Peak	47.98	6.30	54.27	68.20	-13.93
5850.000	Peak	49.53	8.01	57.54	68.20	-10.66
5909.650	Peak	50.72	8.77	59.50	68.20	-8.70

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-09

Test Frequency :5745 MHz

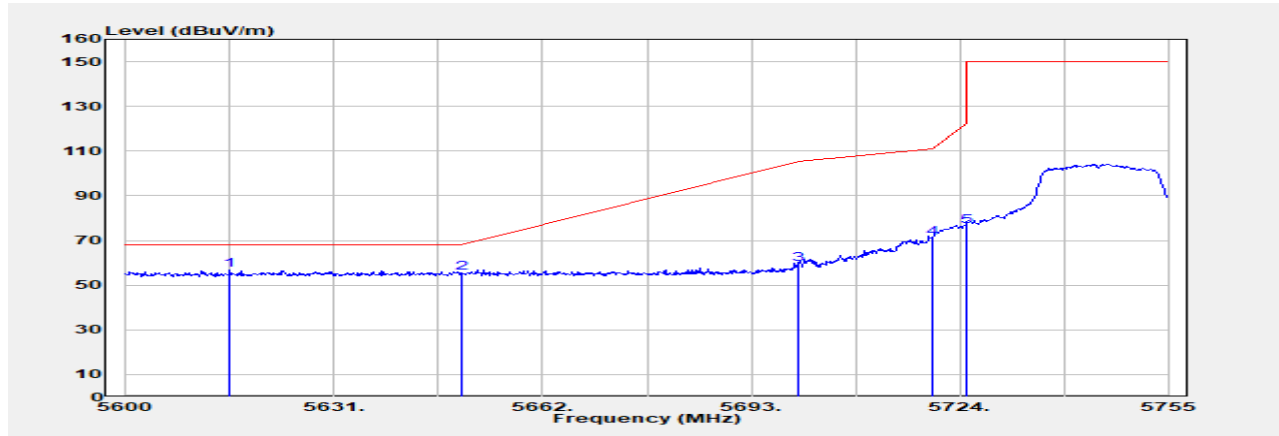
Temp./Humi. :24.9°C/59%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5615.500	Peak	50.78	6.17	56.95	68.20	-11.25
5650.000	Peak	49.02	6.43	55.44	68.20	-12.76
5700.000	Peak	52.47	6.99	59.46	105.20	-45.74
5720.000	Peak	64.01	7.09	71.10	110.80	-39.70
5725.000	Peak	69.10	7.12	76.22	122.20	-45.98

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-09

Test Frequency :5745 MHz

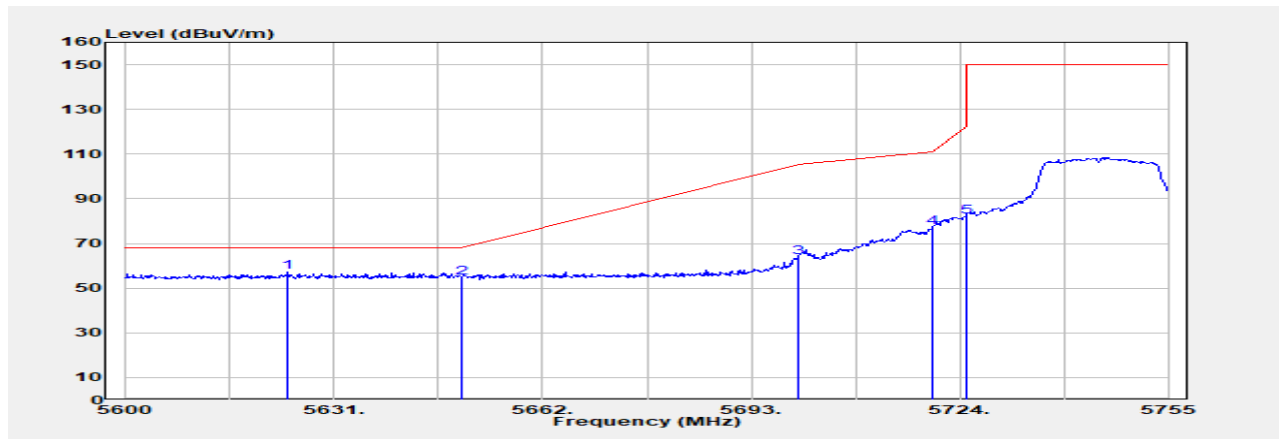
Temp./Humi. :24.9°C/59%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5624.025	Peak	50.81	6.24	57.05	68.20	-11.15
5650.000	Peak	48.00	6.43	54.43	68.20	-13.77
5700.000	Peak	56.72	6.99	63.71	105.20	-41.49
5720.000	Peak	69.99	7.09	77.09	110.80	-33.71
5725.000	Peak	74.81	7.12	81.93	122.20	-40.27

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-09

Test Frequency :5825 MHz

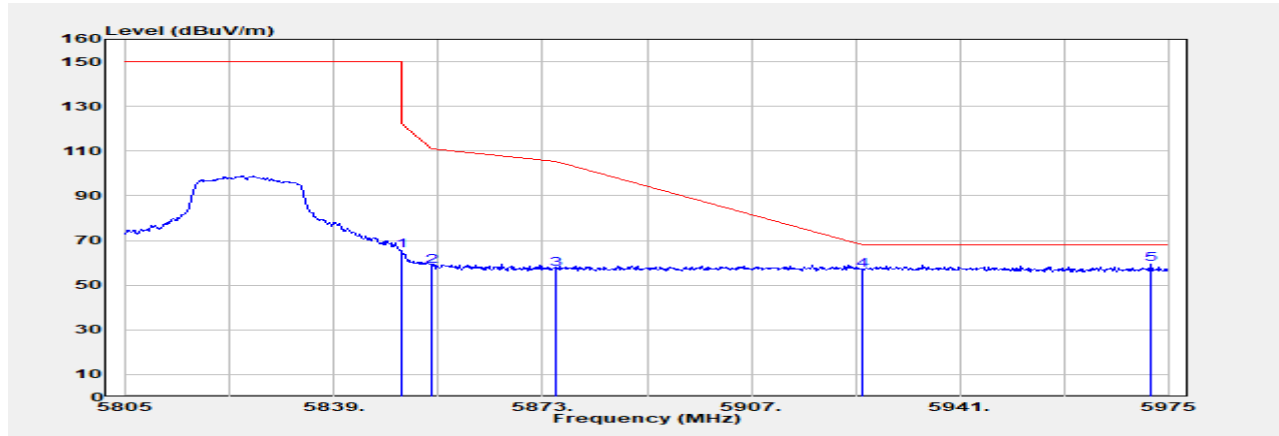
Temp./Humi. :24.9°C/59%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	57.27	8.01	65.28	122.20	-56.92
5855.000	Peak	50.59	8.09	58.68	110.80	-52.12
5875.000	Peak	49.03	8.41	57.44	105.20	-47.76
5925.000	Peak	48.20	8.72	56.91	68.20	-11.29
5972.280	Peak	51.13	8.45	59.58	68.20	-8.62

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac20

Test Date :2024-04-09

Test Frequency :5825 MHz

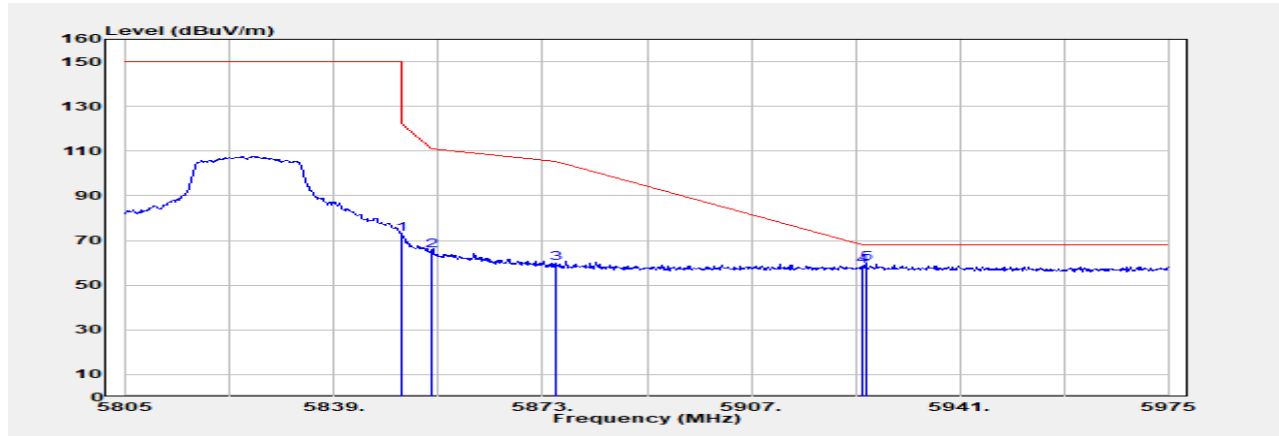
Temp./Humi. :24.9°C/59%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	64.73	8.01	72.74	122.20	-49.46
5855.000	Peak	57.27	8.09	65.36	110.80	-45.44
5875.000	Peak	51.55	8.41	59.96	105.20	-45.24
5925.000	Peak	49.77	8.72	58.48	68.20	-9.72
5925.700	Peak	51.02	8.71	59.73	68.20	-8.47

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac40

Test Date :2024-04-10

Test Frequency :5190 MHz

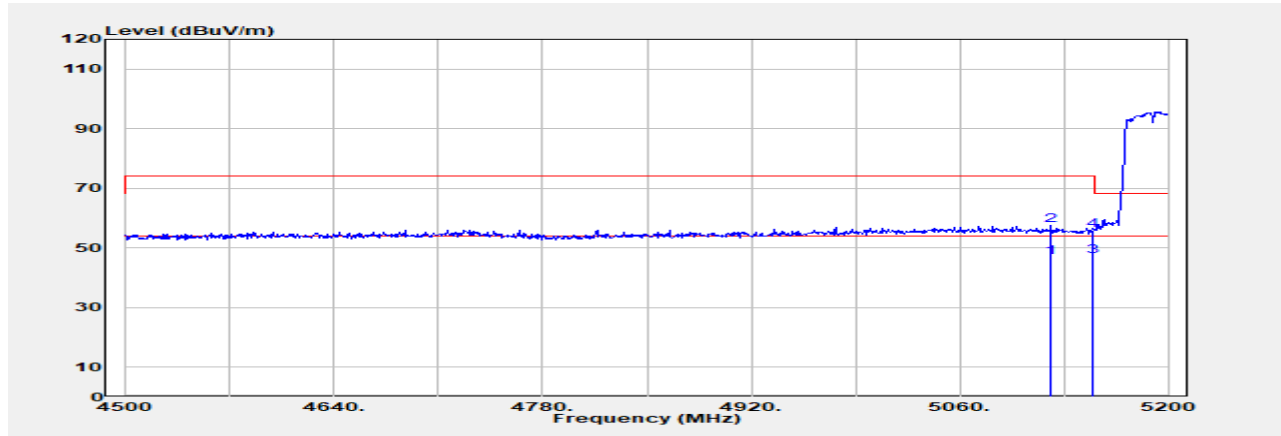
Temp./Humi. :24.2°C/57%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5121.600	Average	41.09	5.90	46.99	54.00	-7.01
5121.600	Peak	51.82	5.90	57.72	74.00	-16.28
5150.000	Average	41.56	5.72	47.28	54.00	-6.72
5150.000	Peak	50.35	5.72	56.08	74.00	-17.92

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac40

Test Date :2024-04-10

Test Frequency :5190 MHz

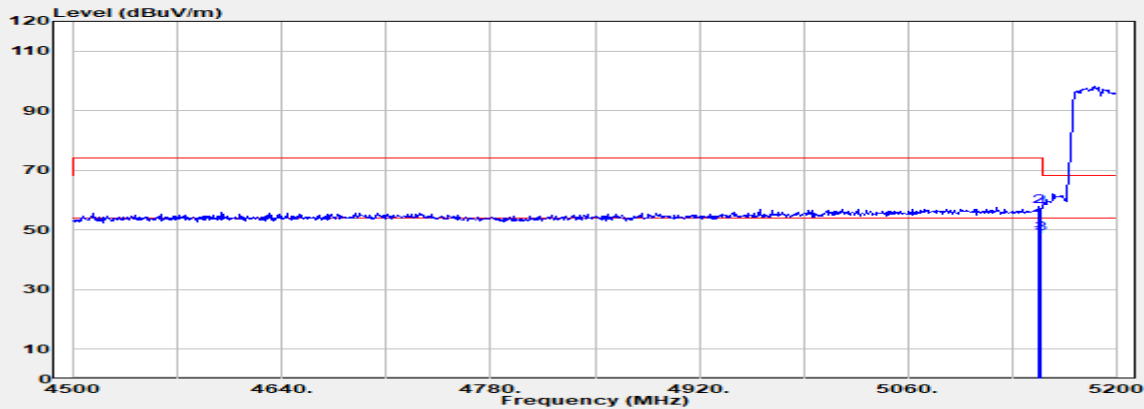
Temp./Humi. :24.2°C/57%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	42.18	5.73	47.91	54.00	-6.09
5148.200	Peak	52.21	5.73	57.94	74.00	-16.06
5150.000	Average	42.99	5.72	48.71	54.00	-5.29
5150.000	Peak	51.49	5.72	57.21	74.00	-16.79

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac40

Test Date :2024-04-10

Test Frequency :5310 MHz

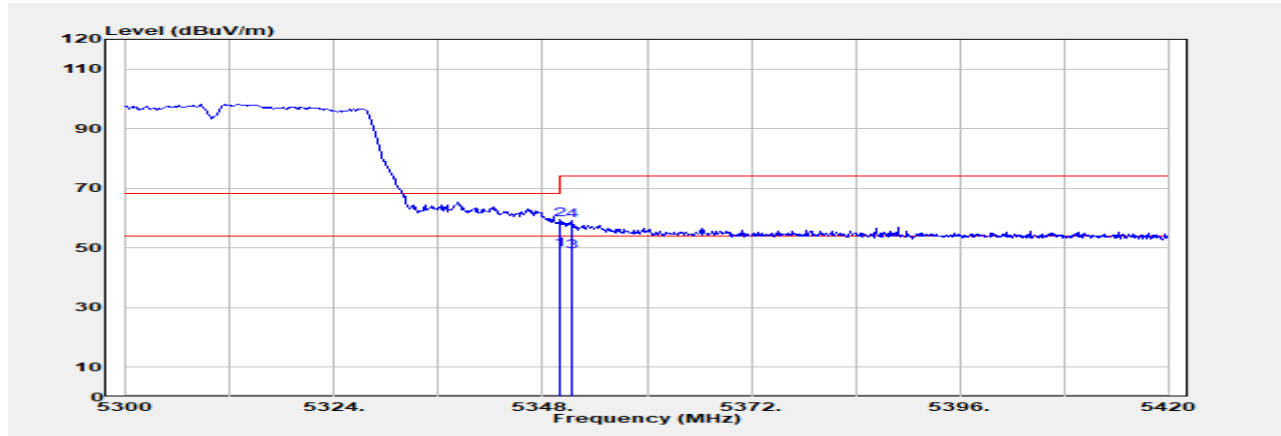
Temp./Humi. :24.2°C/57%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	44.05	5.34	49.39	54.00	-4.61
5350.000	Peak	54.05	5.34	59.40	74.00	-14.60
5351.360	Average	43.29	5.35	48.64	54.00	-5.36
5351.360	Peak	53.89	5.35	59.23	74.00	-14.77

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac40

Test Date :2024-04-10

Test Frequency :5310 MHz

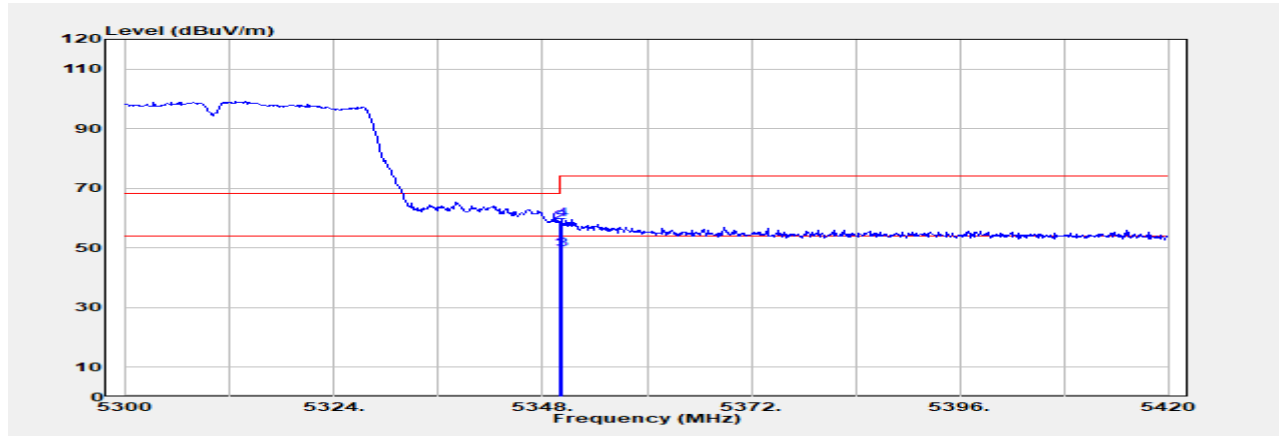
Temp./Humi. :24.2°C/57%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	44.13	5.34	49.47	54.00	-4.53
5350.000	Peak	53.11	5.34	58.46	74.00	-15.54
5350.160	Average	44.23	5.34	49.57	54.00	-4.43
5350.160	Peak	54.33	5.34	59.67	74.00	-14.33

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac40

Test Date :2024-04-10

Test Frequency :5510 MHz

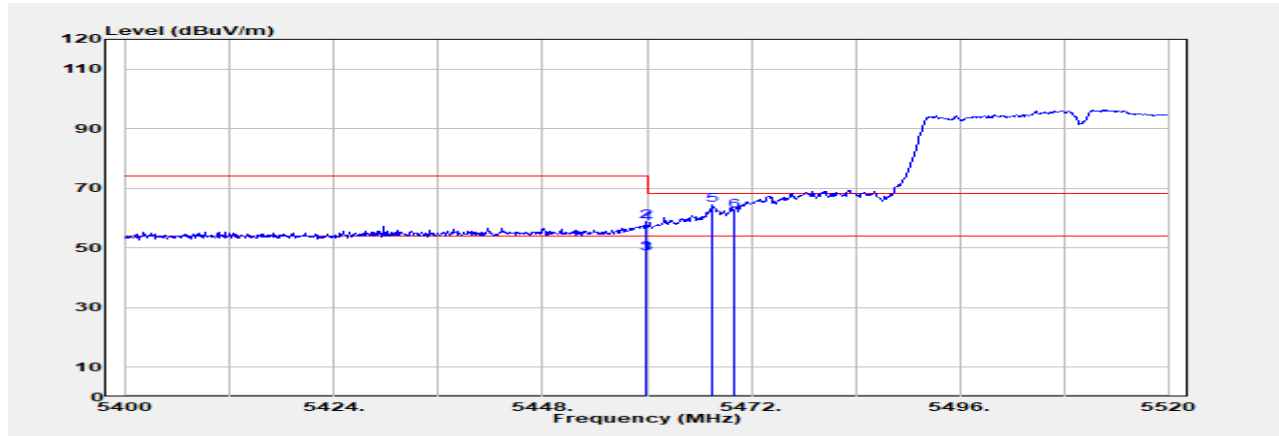
Temp./Humi. :24.2°C/57%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5459.880	Average	41.91	6.11	48.02	54.00	-5.98
5459.880	Peak	52.89	6.11	59.00	74.00	-15.00
5460.000	Average	41.93	6.11	48.05	54.00	-5.95
5460.000	Peak	52.09	6.11	58.21	74.00	-15.79
5467.560	Peak	58.21	6.18	64.40	68.20	-3.80
5470.000	Peak	56.29	6.21	62.49	68.20	-5.71

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac40

Test Date :2024-04-10

Test Frequency :5510 MHz

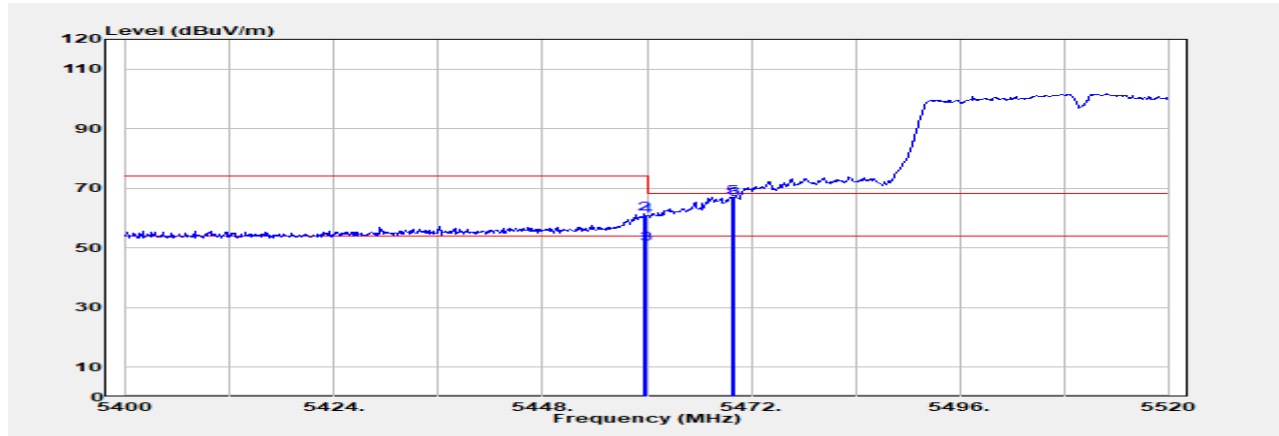
Temp./Humi. :24.2°C/57%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5459.760	Average	44.61	6.11	50.72	54.00	-3.28
5459.760	Peak	55.38	6.11	61.49	74.00	-12.51
5460.000	Average	45.13	6.11	51.24	54.00	-2.76
5460.000	Peak	54.56	6.11	60.67	74.00	-13.33
5469.720	Peak	60.85	6.20	67.05	68.20	-1.15
5470.000	Peak	60.25	6.21	66.46	68.20	-1.74

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac40

Test Date :2024-04-10

Test Frequency :5670 MHz

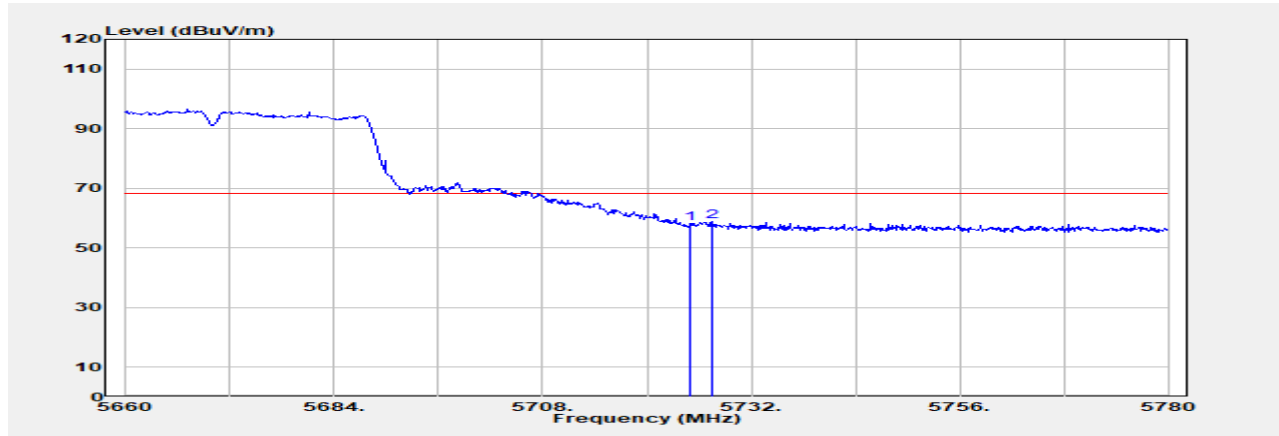
Temp./Humi. :24.2°C/57%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	51.13	7.12	58.25	68.20	-9.95
5727.440	Peak	51.58	7.13	58.71	68.20	-9.49

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Member of SGS Group

Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac40

Test Date :2024-04-10

Test Frequency :5670 MHz

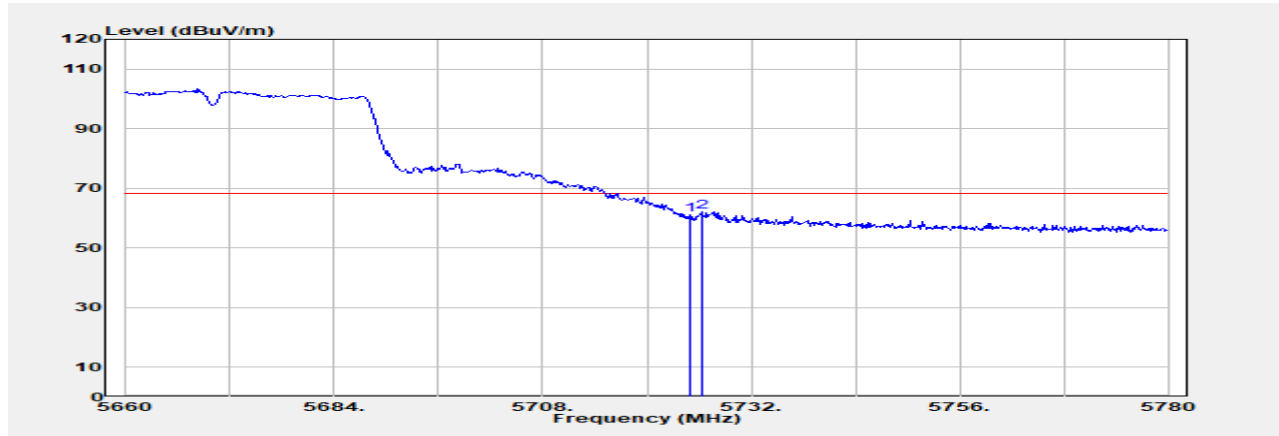
Temp./Humi. :24.2°C/57%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	54.08	7.12	61.19	68.20	-7.01
5726.240	Peak	54.98	7.12	62.11	68.20	-6.09

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac40

Test Date :2024-04-10

Test Frequency :5710 MHz

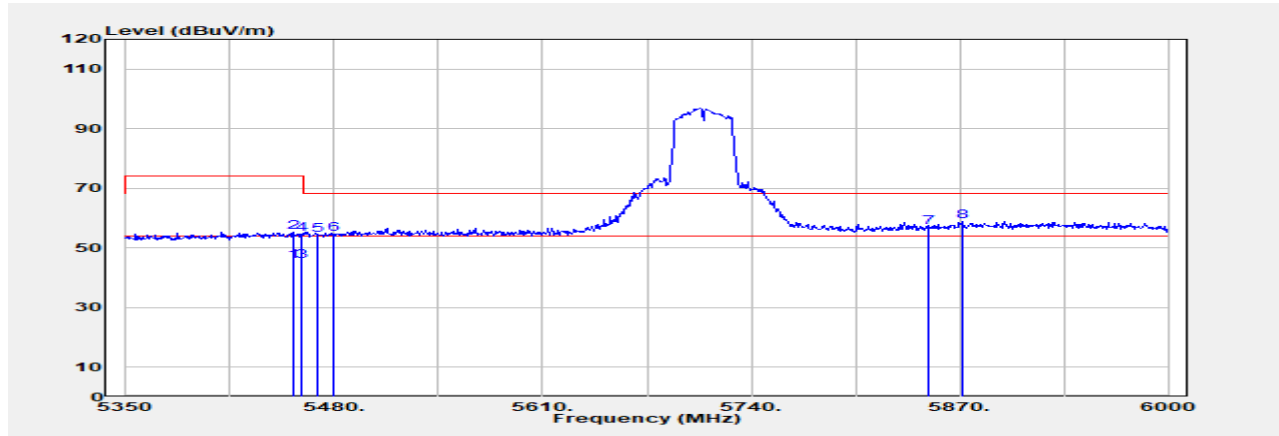
Temp./Humi. :24.2°C/57%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5454.000	Average	39.61	6.06	45.67	54.00	-8.33
5454.000	Peak	49.17	6.06	55.23	74.00	-18.77
5460.000	Average	39.39	6.11	45.50	54.00	-8.50
5460.000	Peak	48.61	6.11	54.73	74.00	-19.27
5470.000	Peak	48.10	6.21	54.30	68.20	-13.90
5480.000	Peak	48.41	6.30	54.71	68.20	-13.49
5850.000	Peak	49.00	8.01	57.01	68.20	-11.19
5871.950	Peak	50.57	8.36	58.94	68.20	-9.26

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac40

Test Date :2024-04-10

Test Frequency :5710 MHz

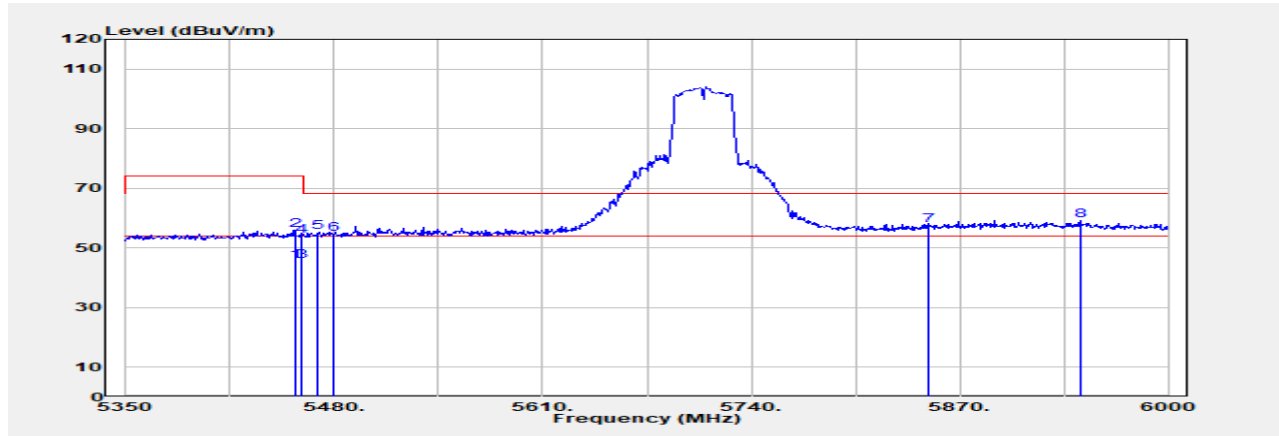
Temp./Humi. :24.2°C/57%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5455.300	Average	39.39	6.07	45.46	54.00	-8.54
5455.300	Peak	49.74	6.07	55.81	74.00	-18.19
5460.000	Average	39.36	6.11	45.47	54.00	-8.53
5460.000	Peak	47.80	6.11	53.91	74.00	-20.09
5470.000	Peak	48.97	6.21	55.18	68.20	-13.02
5480.000	Peak	48.48	6.30	54.77	68.20	-13.43
5850.000	Peak	49.42	8.01	57.43	68.20	-10.77
5945.400	Peak	50.56	8.64	59.20	68.20	-9.00

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac40

Test Date :2024-04-10

Test Frequency :5755 MHz

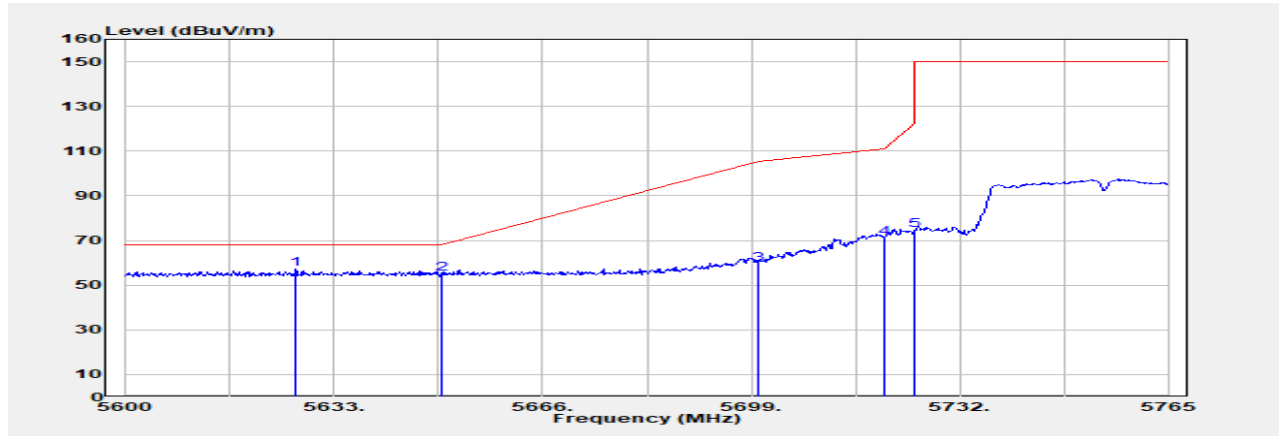
Temp./Humi. :24.2°C/57%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5626.895	Peak	50.79	6.26	57.04	68.20	-11.16
5650.000	Peak	48.82	6.43	55.24	68.20	-12.96
5700.000	Peak	52.56	6.99	59.55	105.20	-45.65
5720.000	Peak	64.19	7.09	71.28	110.80	-39.52
5725.000	Peak	67.56	7.12	74.68	122.20	-47.52

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac40

Test Date :2024-04-10

Test Frequency :5755 MHz

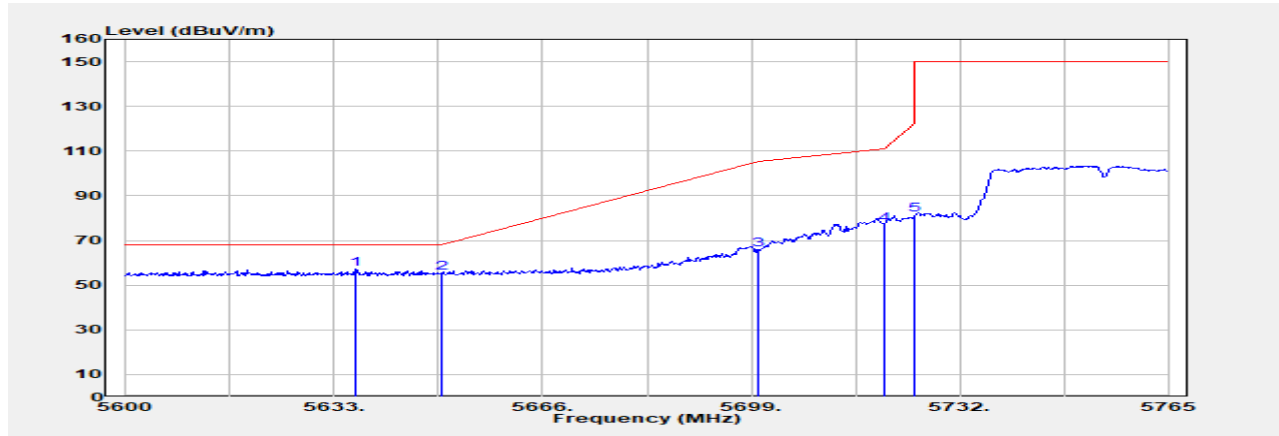
Temp./Humi. :24.2°C/57%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5636.300	Peak	50.79	6.33	57.11	68.20	-11.09
5650.000	Peak	49.23	6.43	55.65	68.20	-12.55
5700.000	Peak	58.88	6.99	65.87	105.20	-39.33
5720.000	Peak	70.15	7.09	77.25	110.80	-33.55
5725.000	Peak	74.24	7.12	81.36	122.20	-40.84

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac40

Test Date :2024-04-10

Test Frequency :5790 MHz

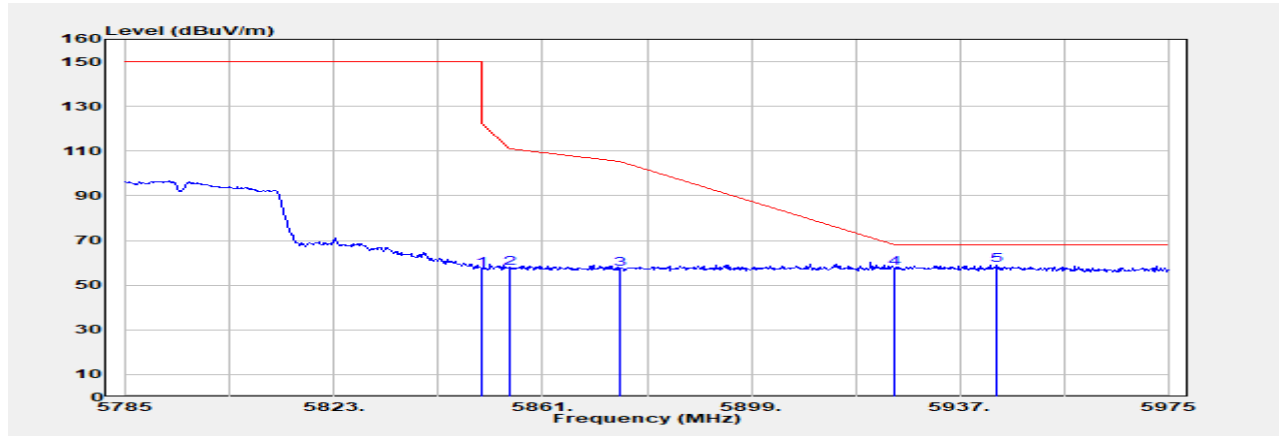
Temp./Humi. :24.2°C/57%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	49.40	8.01	57.41	122.20	-64.79
5855.000	Peak	49.64	8.09	57.73	110.80	-53.07
5875.000	Peak	48.73	8.41	57.14	105.20	-48.06
5925.000	Peak	48.82	8.72	57.53	68.20	-10.67
5943.650	Peak	50.32	8.65	58.97	68.20	-9.23

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac40

Test Date :2024-04-10

Test Frequency :5790 MHz

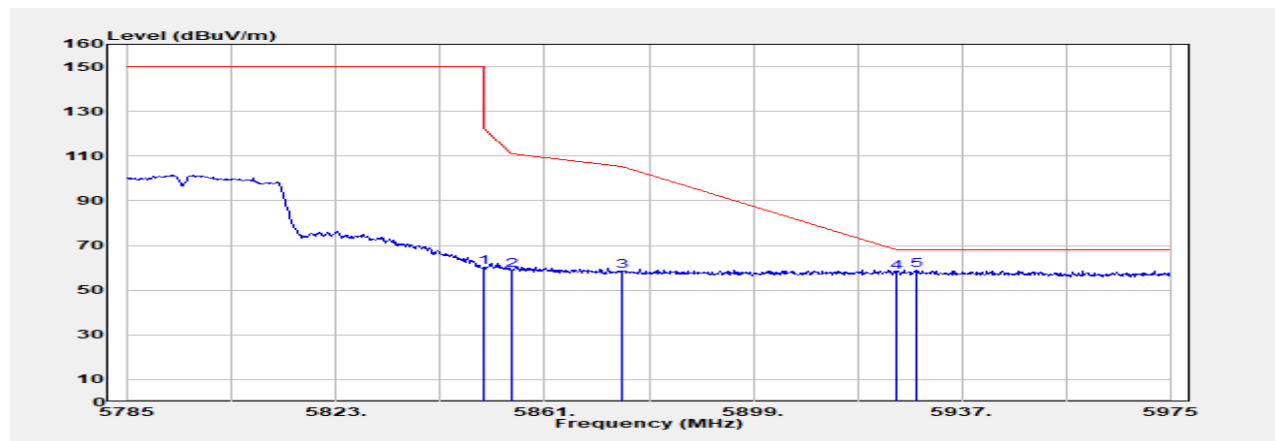
Temp./Humi. :24.2°C/57%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	52.28	8.01	60.29	122.20	-61.91
5855.000	Peak	51.02	8.09	59.11	110.80	-51.69
5875.000	Peak	50.07	8.41	58.48	105.20	-46.72
5925.000	Peak	49.26	8.72	57.98	68.20	-10.22
5928.830	Peak	50.20	8.70	58.90	68.20	-9.30

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac80

Test Date :2024-04-10

Test Frequency :5210 MHz

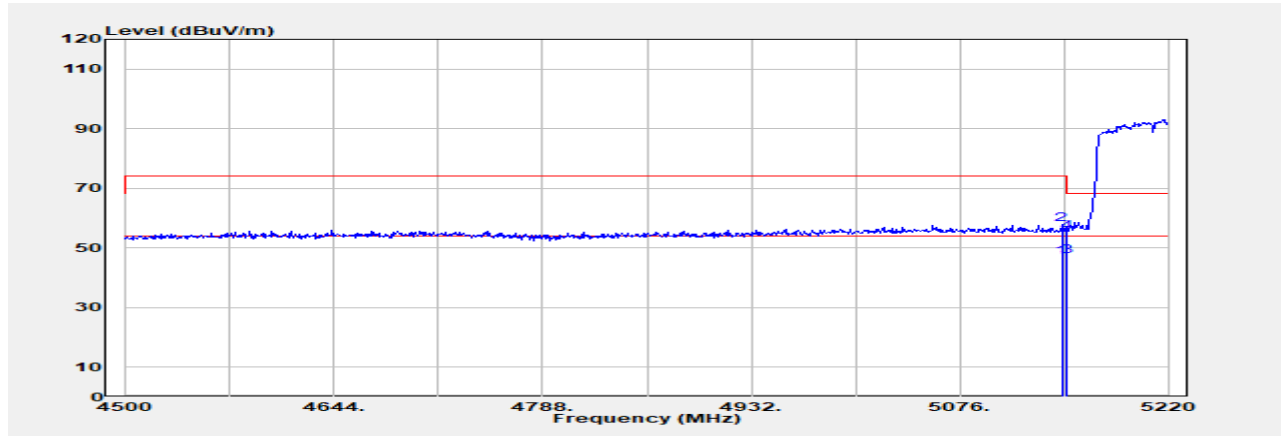
Temp./Humi. :24.2°C/57%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5146.560	Average	41.12	5.74	46.87	54.00	-7.13
5146.560	Peak	52.17	5.74	57.92	74.00	-16.08
5150.000	Average	41.34	5.72	47.07	54.00	-6.93
5150.000	Peak	49.56	5.72	55.28	74.00	-18.72

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac80

Test Date :2024-04-10

Test Frequency :5210 MHz

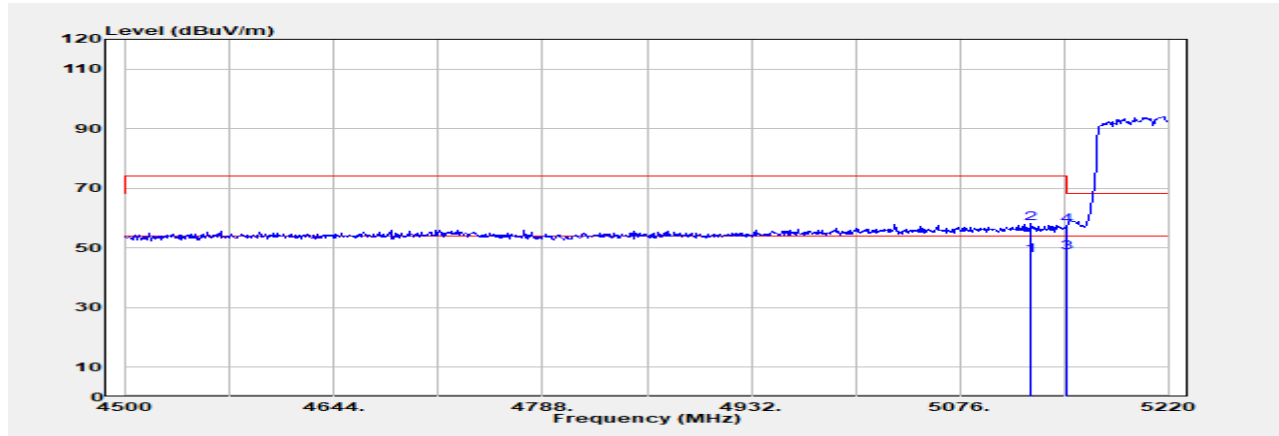
Temp./Humi. :24.2°C/57%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5125.680	Average	41.70	5.87	47.58	54.00	-6.42
5125.680	Peak	52.43	5.87	58.30	74.00	-15.70
5150.000	Average	42.73	5.72	48.45	54.00	-5.55
5150.000	Peak	51.86	5.72	57.59	74.00	-16.41

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac80

Test Date :2024-04-10

Test Frequency :5290 MHz

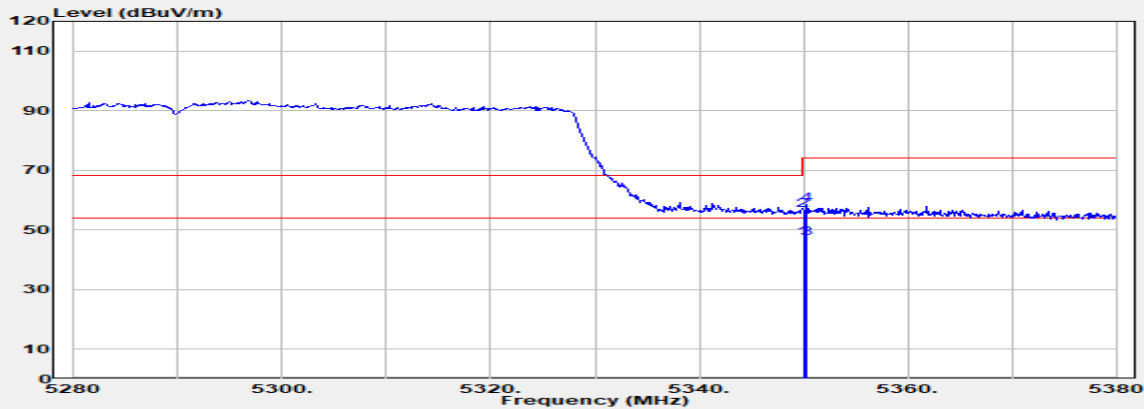
Temp./Humi. :24.2°C/57%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	41.80	5.34	47.14	54.00	-6.86
5350.000	Peak	51.21	5.34	56.56	74.00	-17.44
5350.300	Average	41.77	5.34	47.11	54.00	-6.89
5350.300	Peak	53.10	5.34	58.44	74.00	-15.56

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac80

Test Date :2024-04-10

Test Frequency :5290 MHz

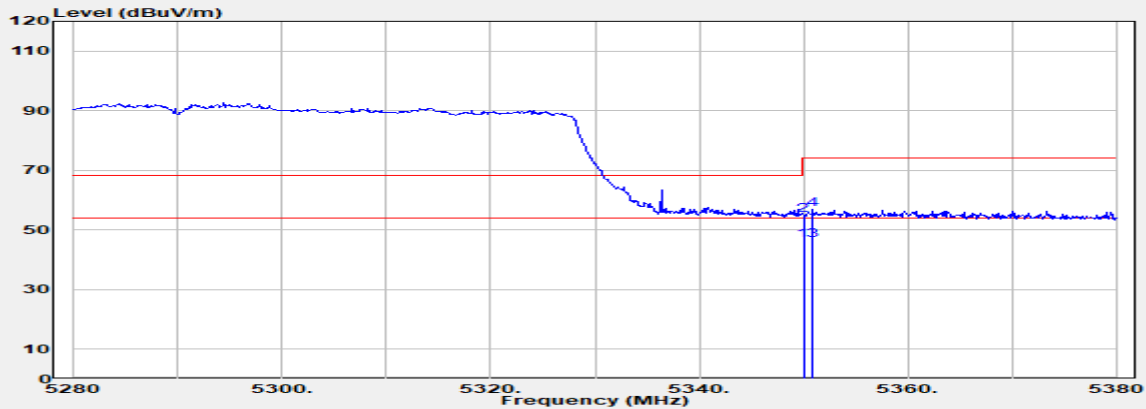
Temp./Humi. :24.2°C/57%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	41.20	5.34	46.54	54.00	-7.46
5350.000	Peak	49.51	5.34	54.85	74.00	-19.15
5350.900	Average	41.29	5.34	46.63	54.00	-7.37
5350.900	Peak	51.55	5.34	56.89	74.00	-17.11

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac80

Test Date :2024-04-10

Test Frequency :5530 MHz

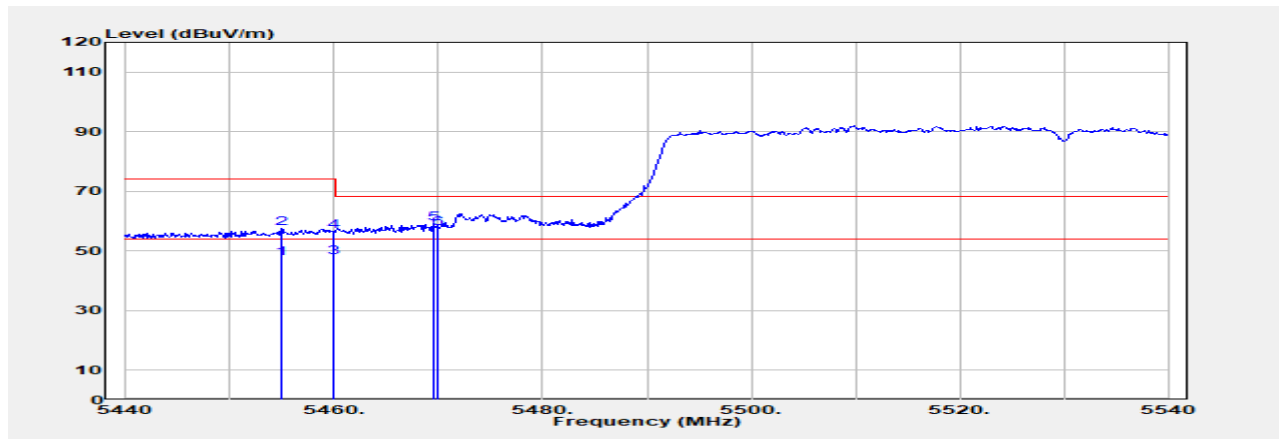
Temp./Humi. :24.2°C/57%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5454.900	Average	41.42	6.07	47.49	54.00	-6.51
5454.900	Peak	51.40	6.07	57.47	74.00	-16.53
5460.000	Average	41.75	6.11	47.86	54.00	-6.14
5460.000	Peak	50.57	6.11	56.68	74.00	-17.32
5469.600	Peak	53.04	6.20	59.24	68.20	-8.96
5470.000	Peak	51.51	6.21	57.72	68.20	-10.48

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac80

Test Date :2024-04-10

Test Frequency :5530 MHz

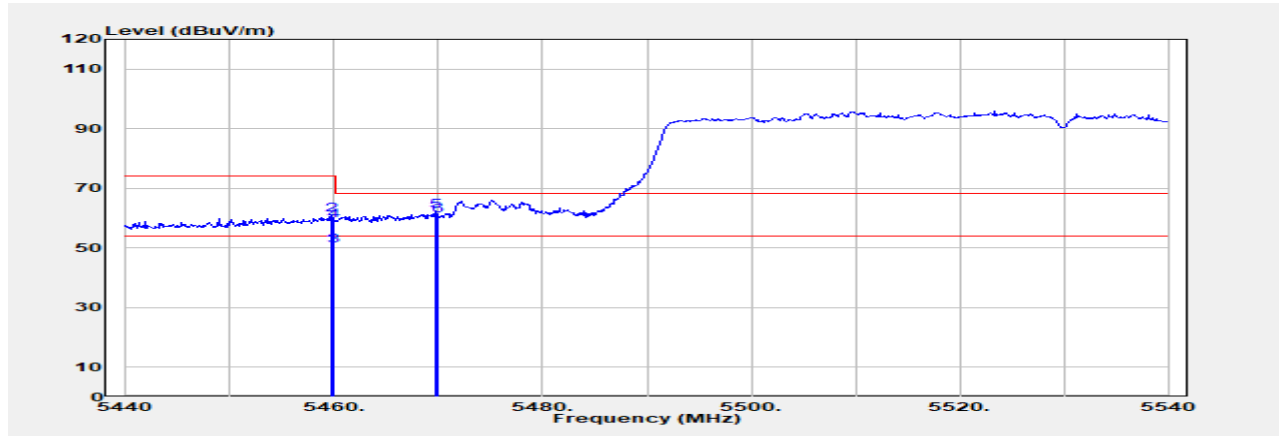
Temp./Humi. :24.2°C/57%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5459.700	Average	44.77	6.11	50.88	54.00	-3.12
5459.700	Peak	55.04	6.11	61.15	74.00	-12.85
5460.000	Average	44.65	6.11	50.77	54.00	-3.23
5460.000	Peak	52.99	6.11	59.10	74.00	-14.90
5469.700	Peak	56.12	6.20	62.33	68.20	-5.87
5470.000	Peak	54.76	6.21	60.96	68.20	-7.24

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac80

Test Date :2024-04-10

Test Frequency :5610 MHz

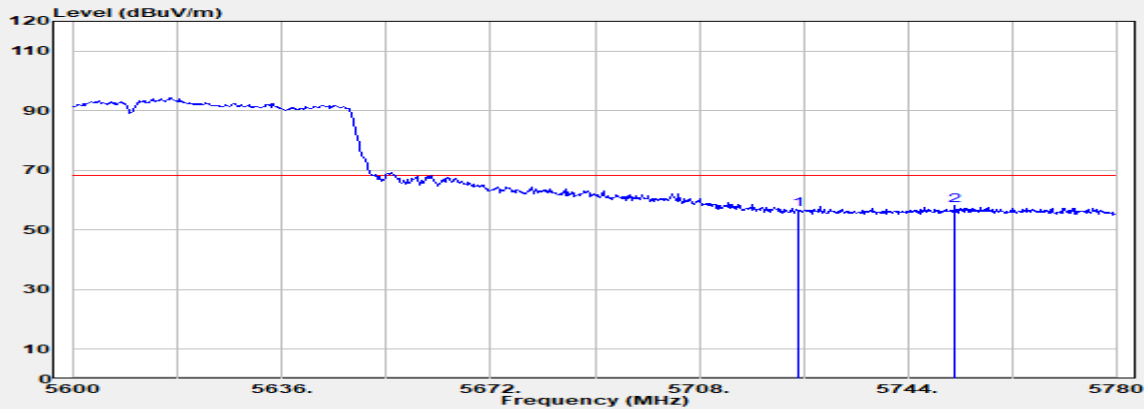
Temp./Humi. :24.2°C/57%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	49.79	7.12	56.91	68.20	-11.29
5752.280	Peak	50.88	7.25	58.13	68.20	-10.07

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac80

Test Date :2024-04-10

Test Frequency :5610 MHz

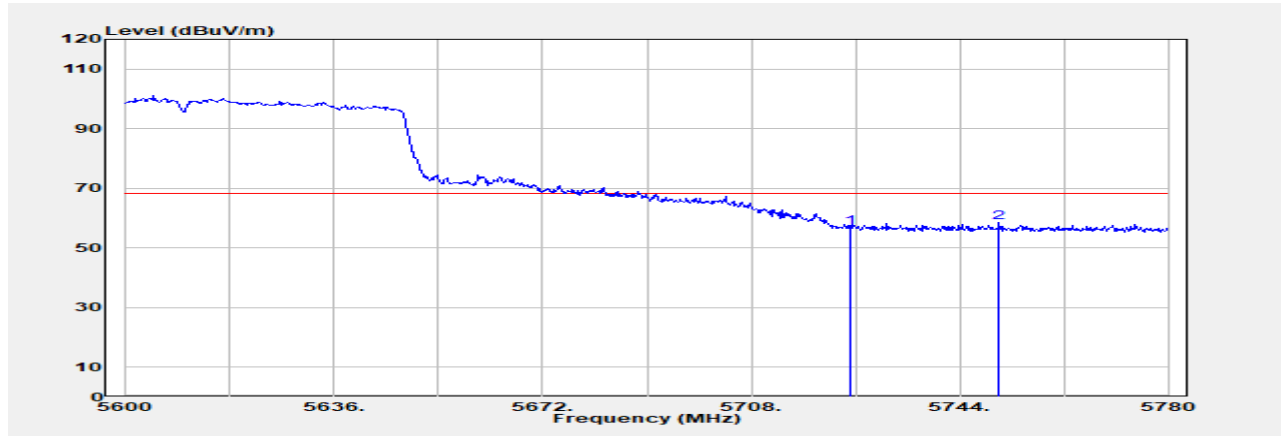
Temp./Humi. :24.2°C/57%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	49.91	7.12	57.03	68.20	-11.17
5750.840	Peak	51.34	7.25	58.59	68.20	-9.61

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac80

Test Date :2024-04-10

Test Frequency :5690 MHz

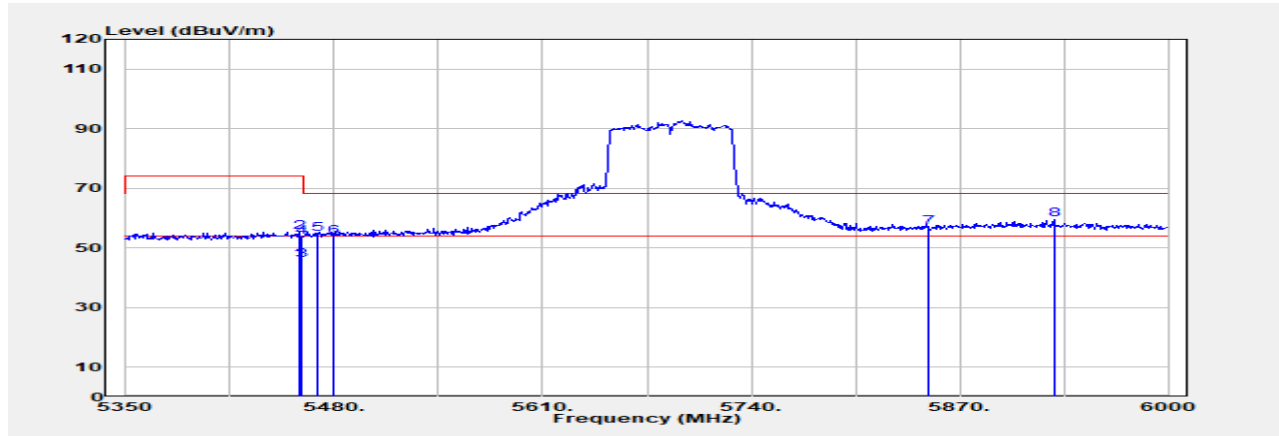
Temp./Humi. :24.2°C/57%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5457.900	Average	39.61	6.09	45.70	54.00	-8.30
5457.900	Peak	49.19	6.09	55.29	74.00	-18.71
5460.000	Average	39.63	6.11	45.75	54.00	-8.25
5460.000	Peak	47.66	6.11	53.77	74.00	-20.23
5470.000	Peak	48.27	6.21	54.47	68.20	-13.73
5480.000	Peak	47.41	6.30	53.70	68.20	-14.50
5850.000	Peak	48.87	8.01	56.87	68.20	-11.33
5929.150	Peak	50.90	8.70	59.60	68.20	-8.60

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac80

Test Date :2024-04-10

Test Frequency :5690 MHz

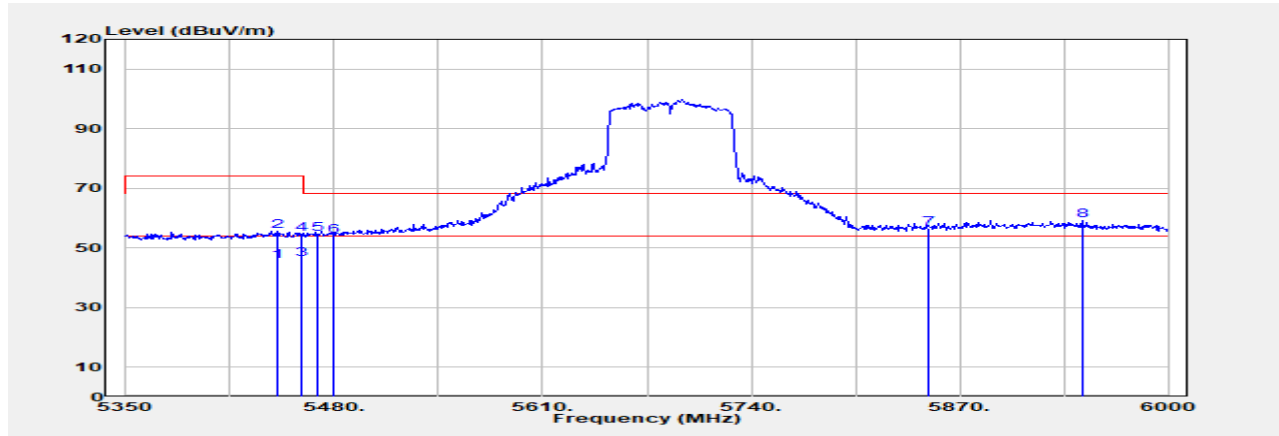
Temp./Humi. :24.2°C/57%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	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	39.72	5.97	45.69	54.00	-8.31
5444.250	Peak	49.63	5.97	55.60	74.00	-18.40
5460.000	Average	39.92	6.11	46.04	54.00	-7.96
5460.000	Peak	48.47	6.11	54.59	74.00	-19.41
5470.000	Peak	48.56	6.21	54.76	68.20	-13.44
5480.000	Peak	47.80	6.30	54.10	68.20	-14.10
5850.000	Peak	48.55	8.01	56.56	68.20	-11.64
5946.700	Peak	50.63	8.64	59.26	68.20	-8.94

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac80

Test Date :2024-04-10

Test Frequency :5775 MHz

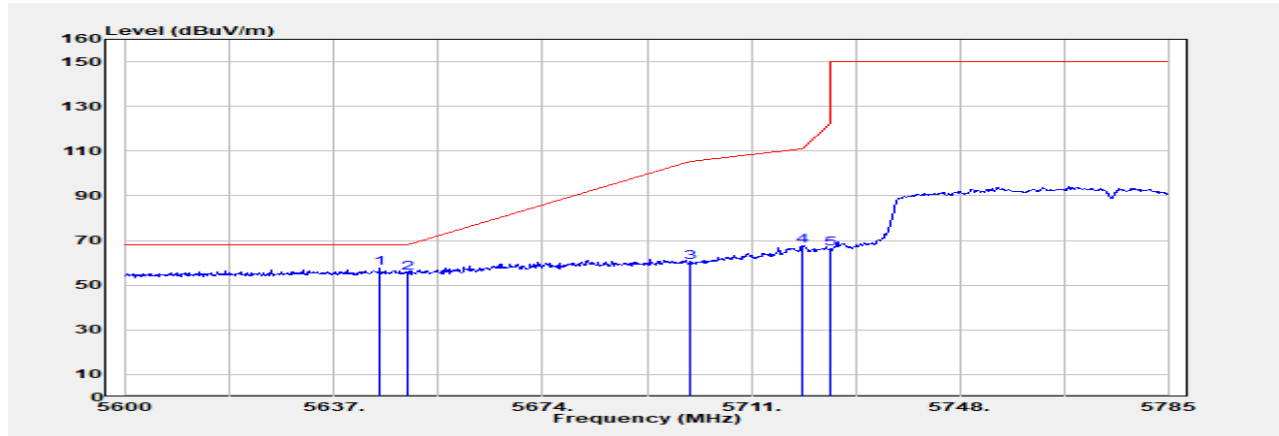
Temp./Humi. :24.2°C/57%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5645.140	Peak	51.17	6.39	57.56	68.20	-10.64
5650.000	Peak	49.16	6.43	55.58	68.20	-12.62
5700.000	Peak	53.48	6.99	60.47	105.20	-44.73
5720.000	Peak	60.48	7.09	67.57	110.80	-43.23
5725.000	Peak	59.22	7.12	66.34	122.20	-55.86

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac80

Test Date :2024-04-10

Test Frequency :5775 MHz

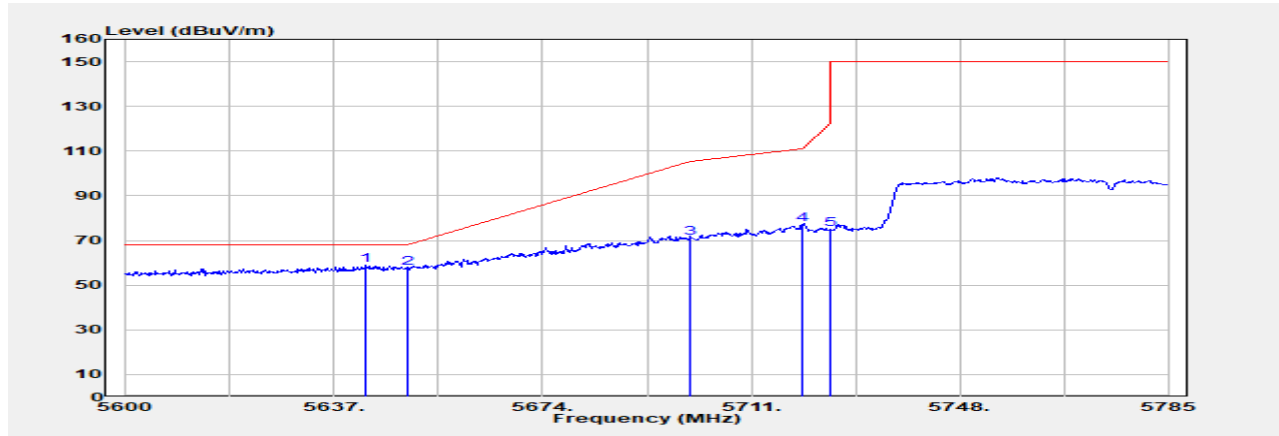
Temp./Humi. :24.2°C/57%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5642.550	Peak	52.45	6.37	58.82	68.20	-9.38
5650.000	Peak	51.21	6.43	57.63	68.20	-10.57
5700.000	Peak	64.10	6.99	71.09	105.20	-34.11
5720.000	Peak	70.09	7.09	77.18	110.80	-33.62
5725.000	Peak	67.79	7.12	74.91	122.20	-47.29

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac80

Test Date :2024-04-10

Test Frequency :5775 MHz

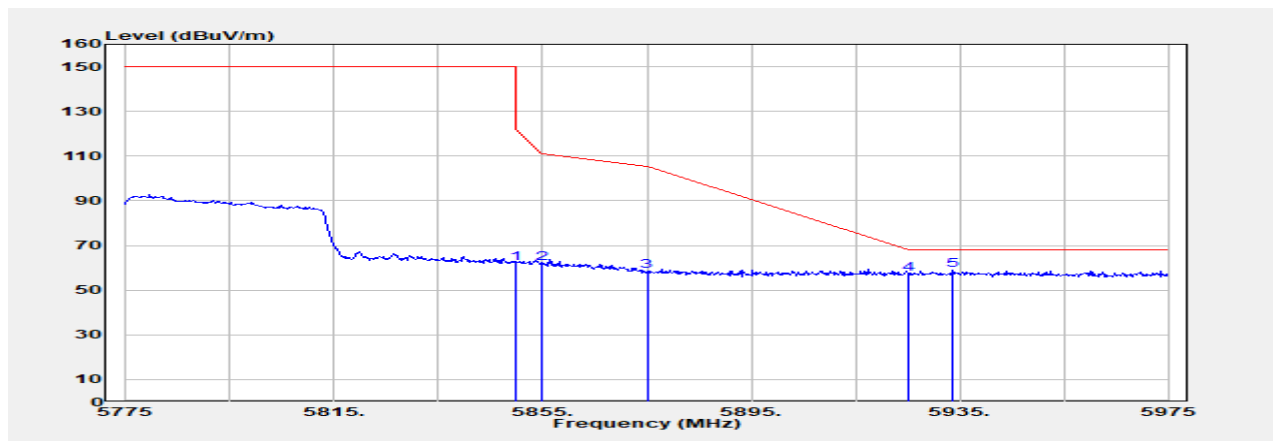
Temp./Humi. :24.2°C/57%

Test Mode :Bandedge

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	54.17	8.01	62.18	122.20	-60.02
5855.000	Peak	54.00	8.09	62.09	110.80	-48.71
5875.000	Peak	49.96	8.41	58.37	105.20	-46.83
5925.000	Peak	48.41	8.72	57.13	68.20	-11.07
5933.800	Peak	50.30	8.68	58.99	68.20	-9.21

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Report Number :TERF2404000849E2

Test Site :SAC G Chamber

Operation Mode :802.11ac80

Test Date :2024-04-10

Test Frequency :5775 MHz

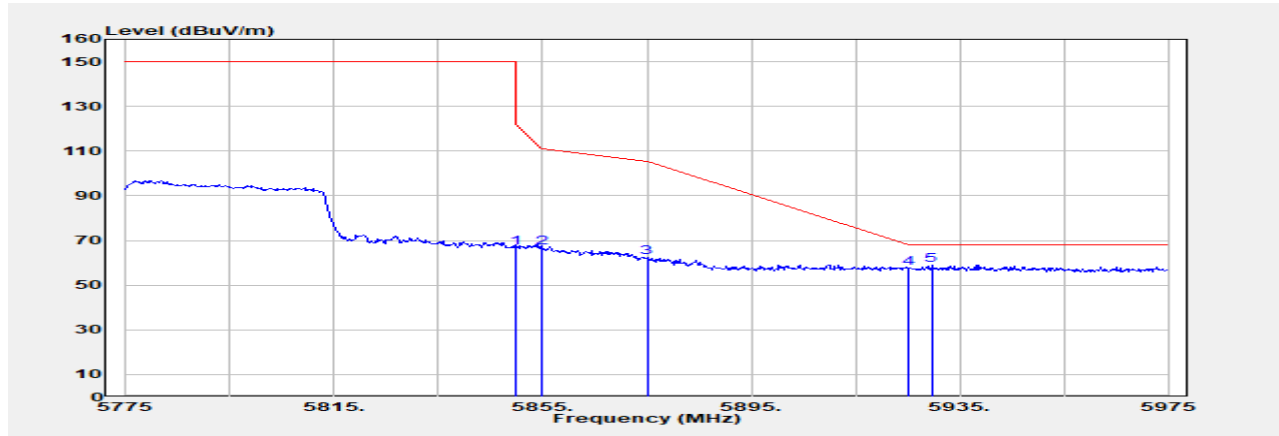
Temp./Humi. :24.2°C/57%

Test Mode :Bandedge

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode PK/QP/AVG	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	58.81	8.01	66.82	122.20	-55.38
5855.000	Peak	58.69	8.09	66.78	110.80	-44.02
5875.000	Peak	53.99	8.41	62.40	105.20	-42.80
5925.000	Peak	48.80	8.72	57.52	68.20	-10.68
5929.600	Peak	50.47	8.70	59.17	68.20	-9.03

~ End of Report ~

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