

ELECTROMAGNETIC EMISSIONS
COMPLIANCE TEST REPORT

Applicant: LITE-ON TECHNOLOGY CORP.
Bldg. C, 90, Chien 1 Rd., Chung-Ho, 23585 New Taipei City,
Taiwan

Manufacturer: Barco NV
President Kennedypark 35, 8500 Kortrijk, Belgium

Product Name: Wi-Fi 6E BT 5.2 M.2 2230 Module

Brand Name: LITEON

Model No.: WCBN814A

Model Difference: N/A

Report Number: TERF2208001577E2

FCC ID PPQ-WCBN814A

Issue Date: November 17, 2022

Date of Test: September 19, 2022 ~ October 18, 2022

Date of EUT Received: August 29, 2022

Approved By

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
TERF2208001577E2	00	Original	November 10, 2022	Violetta Tang	
TERF2208001577E2	01	Update applicant information	November 17, 2022	Violetta Tang	*

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:	Wi-Fi 6E BT 5.2 M.2 2230 Module
Brand Name:	LITEON
Model No.:	WCBN814A
Model Difference:	N/A
Hardware Version:	N/A
Firmware Version:	N/A
EUT Series No.:	2022070056
Class II Permissive change:	WCBN814A modules INSTALLED IN C5011S
Host Information:	Product Name: ClickShare Brand Name: Barco Model Name: C5011S
Power Supply:	19V
Test Software (Name / Version)	Qualcomm® Radio Control Toolkit v4.0.00163.0

1.2 Modulation & Data Rate

Modulation type:	64QAM, 16QAM, QPSK, BPSK for OFDM
	256QAM ,1024QAM for OFDMA in 802.11ax
Transition Rate:	802.11 a: 6 - 54 Mbps
	802.11 ax_20MHz: up to 286.8 Mbps
	802.11 ax_40MHz: up to 573.6 Mbps
	802.11 ax_80MHz: up to 1201 Mbps
	802.11 ax_160MHz: up to 2402 Mbps

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1.3 Antenna Designation

Antenna Type	Supplier	Antenna Part No.	Freq. (MHz)	Peak Antenna Gain (dBi)	Worst Antenna Gain
PIFA	INPAQ	ANT1	5925~7125	4.33	
		ANT2		4.70	
		ANT3		4.75	V
		ANT4		4.32	

Note:

1. Pre-scanned was done on the above antennas, measurements were demonstrated by using the antenna with the highest gain as the worst case scenarios.
2. Antenna information is provided by the applicant.

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1.4 Rated Power

Low Power

WLAN 6E

Wi-Fi	Frequency Range	Channels	Rated Power(Avg) (dBm) (Worst Case)
a 20MHz	5955~6415	24	2.68 dBm
	6535~6855	16	2.01 dBm

WLAN 6E

Wi-Fi	Frequency Range	Channels	Rated Power(Avg) (dBm) (Worst Case)
ax_HE 20MHz	5955~6415	24	3.40 dBm
	6535~6855	16	3.99 dBm
ax_HE 40MHz	5965~6405	12	6.64 dBm
	6445~6525	3	6.97 dBm
	6565~6845	8	6.89 dBm
	6885~7085	5	6.76 dBm
ax_HE 80MHz	5985~6385	6	8.93 dBm
	6465	1	9.72 dBm
	6545~6865	5	9.11 dBm
	6945~7025	2	8.61 dBm
ax_HE 160MHz	6025~6345	3	10.42 dBm
	6505	1	10.38 dBm
	6665~6825	2	10.49 dBm
	6985	1	10.26 dBm

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WLAN 6E

Wi-Fi	Frequency Range	Channels	Rated Power(Avg) (dBm) (Worst Case)
a 20MHz	5955~6415	24	21.31 dBm
	6535~6875	16	20.93 dBm

WLAN 6E

Wi-Fi	Frequency Range	Channels	Rated Power(Avg) (dBm) (Worst Case)
ax_HE 20MHz	5955~6415	24	18.79 dBm
	6535~6875	18	18.91 dBm
ax_HE 40MHz	5965~6405	12	18.36 dBm
	6565~6845	8	18.44 dBm
ax_HE 80MHz	5985~6385	6	17.52 dBm
	6545~6865	5	17.93 dBm
ax_HE 160MHz	6025~6345	3	17.24 dBm
	6665~6825	2	17.27 dBm

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1.5 Test Methodology of Applied Standards

FCC Part 15, Subpart E §15.407

FCC KDB 987594 D02 U-NII 6GHz EMC Measurement v01r01

FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

ANSI C63.10:2013

1.6 Test Facility

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

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

1.7 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 Test (RF)

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

2.3.2 Radiated Emissions

The EUT is placed on a turn table. For emissions testing at or below 1 GHz, the table height shall be 0.8 m above the reference ground plane. For emission measurements above 1 GHz, the table height shall be 1.5 m. The turn table shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. In order to find out the max. emission, the relative positions of this transmitter (EUT) was rotated through three orthogonal axes and measurement procedures for electric field radiated emissions above 1 GHz the EUT measurement is to be made "while keeping the antenna in the 'cone of radiation' from that area and pointed at the area both in azimuth and elevation, with polarization oriented for maximum response." is still within the 3dB illumination BW of the measurement antenna.

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2.4 Measurement Results Explanation Example

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

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

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

2.4.2 For all conducted test items:

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

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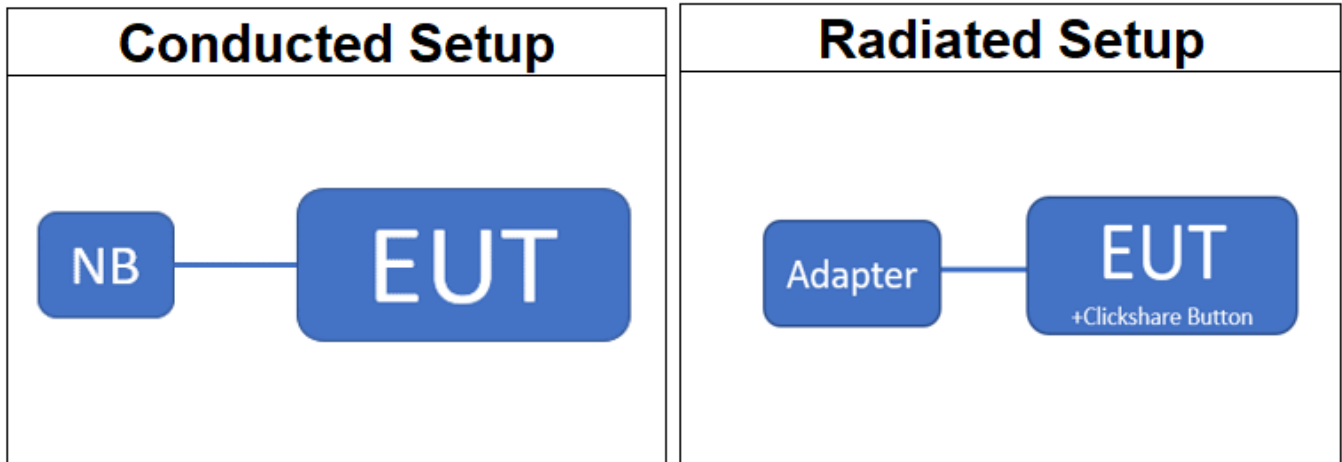
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2.5 Test Configuration



2.6 Control Unit(s)

Conducted Emission Test Site: Conducted D					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Notebook	Lenovo	T470	P0001293	N/A	N/A
AC Adapter 1	Adapter Technology	ATM090T-A190	N/A	N/A	N/A
Battery	Panasonic	CR2032	N/A	N/A	N/A
Clickshare Button	Barco NV	R9861600D01C	N/A	N/A	N/A

Radiated Emission Test Site: SAC G					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
AC Adapter 1	Adapter Technology	ATM090T-A190	N/A	N/A	N/A
Clickshare Button	Barco NV	R9861600D01C	N/A	N/A	N/A

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3 SUMMARY OF TEST RESULT

FCC Rules	Description Of Test	Result
§15.407(a)(4~8)	Maximum Conducted Output Power	Compliant
§15.205 §15.209 §15.407(b)(5),(b)(8), (b)(9)	Undesirable Radiated Emissions	Compliant

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4 DESCRIPTION OF TEST MODES

4.1 The Worst Test Modes and Channel Details

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

The given UE is pre-scanned among below modes.

Modulation		Transmission Chain								Single Transmission Spatial		Multiple Transmission Spatial	
v	802.11 a	v	Ch0	v	Ch1		Ch2		Ch3		SISO	v	2TX
	802.11 n		Ch0		Ch1		Ch2		Ch3		SISO		2TX
	802.11 ac		Ch0		Ch1		Ch2		Ch3		SISO		2TX
v	802.11 ax	v	Ch0	v	Ch1		Ch2		Ch3		SISO	v	2TX

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4. Observations have been done for 802.11 ax available RU configurations below and found that the lowest, highest and Full RU results higher emissions. Only one RU can be enabled at any given time.

802.11ax	20MHz				802.11ax	40MHz			
RU type	26-tone RU		52-tone RU		RU type	26-tone RU		52-tone RU	
RU index and subcarrier range	RU0	[-121: -96]	RU37	[-121: -70]	RU index and subcarrier range	RU0	[-243: -218]	RU37	[-243: -192]
	RU1	[-95: -70]	RU38	[-68: -17]		RU1	[-217: -192]	RU38	[-189: -138]
	RU2	[-68: -43]	RU39	[17: 68]		RU2	[-189: -164]	RU39	[-109: -58]
	RU3	[-42: -17]	RU40	[70: 121]		RU3	[-163: -138]	RU40	[-55: -4]
	RU4	[-16: -4, 4: 16]	RU41	N/A		RU4	[-136: -111]	RU41	[4: 55]
	RU5	[17: 42]	RU42	N/A		RU5	[-109: -84]	RU42	[58: 109]
	RU6	[43: 68]	RU43	N/A		RU6	[-83: -58]	RU43	[138: 189]
	RU7	[70: 95]	RU44	N/A		RU7	[-55: -30]	RU44	[192: 243]
	RU8	[96: 121]	RU45	N/A		RU8	[-29: -4]	RU45	N/A
	RU9	N/A	RU46	N/A		RU9	[4: 29]	RU46	N/A
	RU10	N/A	RU47	N/A		RU10	[30: 55]	RU47	N/A
	RU11	N/A	RU48	N/A		RU11	[58: 83]	RU48	N/A
	RU12	N/A	RU49	N/A		RU12	[84: 109]	RU49	N/A
	RU13	N/A	RU50	N/A		RU13	[111: 136]	RU50	N/A
	RU14	N/A	RU51	N/A		RU14	[138: 163]	RU51	N/A
	RU15	N/A	RU52	N/A		RU15	[164: 189]	RU52	N/A
	RU16	N/A				RU16	[192: 217]		
	RU17	N/A	106-tone RU			RU17	[218: 243]	106-tone RU	
	RU18	N/A	RU53	[-122: -17]		RU18	N/A	RU53	[-243: -138]
	RU19	N/A	RU54	[17: 122]		RU19	N/A	RU54	[-109: -4]
	RU20	N/A	RU55	N/A		RU20	N/A	RU55	[4: 109]
	RU21	N/A	RU56	N/A		RU21	N/A	RU56	[138: 243]
	RU22	N/A	RU57	N/A		RU22	N/A	RU57	N/A
	RU23	N/A	RU58	N/A		RU23	N/A	RU58	N/A
	RU24	N/A	RU59	N/A		RU24	N/A	RU59	N/A
	RU25	N/A	RU60	N/A		RU25	N/A	RU60	N/A
	RU26	N/A				RU26	N/A		
	RU27	N/A	242-tone RU			RU27	N/A	242-tone RU	
	RU28	N/A	RU61	[-122: -2, 2: 122]		RU28	N/A	RU61	[-244: -3]
	RU29	N/A	RU62	N/A		RU29	N/A	RU62	[3: 244]
	RU30	N/A	RU63	N/A		RU30	N/A	RU63	N/A
	RU31	N/A	RU64	N/A		RU31	N/A	RU64	N/A
	RU32	N/A				RU32	N/A		
	RU33	N/A				RU33	N/A	484-tone RU	
	RU34	N/A				RU34	N/A	RU65	[-244: -3, 3: 244]
	RU35	N/A				RU35	N/A	RU66	N/A
RU36	N/A			RU36	N/A				

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802.11ax	80MHz			
RU type	26-tone RU		52-tone RU	
RU index and subcarrier range	RU0	[-499: -474]	RU37	[-499: -448]
	RU1	[-473: -448]	RU38	[-445: -394]
	RU2	[-445: -420]	RU39	[-365: -314]
	RU3	[-419: -394]	RU40	[-311: -260]
	RU4	[-392: -367]	RU41	[-257: -206]
	RU5	[-365: -340]	RU42	[-203: -152]
	RU6	[-339: -314]	RU43	[-123: -72]
	RU7	[-311: -286]	RU44	[-69: -18]
	RU8	[-285: -260]	RU45	[18: 69]
	RU9	[-257: -232]	RU46	[72: 123]
	RU10	[-231: -206]	RU47	[152: 203]
	RU11	[-203: -178]	RU48	[206: 257]
	RU12	[-177: -152]	RU49	[260: 311]
	RU13	[-150: -125]	RU50	[314: 365]
	RU14	[-123: -98]	RU51	[394: 445]
	RU15	[-97: -72]	RU52	[448: 499]
	RU16	[-69: -44]	106-tone RU	
	RU17	[-43: -18]	RU53	[-499: -394]
	RU18	[-16: -4, 4: 16]	RU54	[-365: -260]
	RU19	[18: 43]	RU55	[-257: -152]
	RU20	[44: 69]	RU56	[-123: -18]
	RU21	[72: 97]	RU57	[18: 123]
	RU22	[98: 123]	RU58	[152: 257]
	RU23	[125: 150]	RU59	[260: 365]
	RU24	[152: 177]	RU60	[394: 499]
	RU25	[178: 203]	242-tone RU	
	RU26	[206: 231]	RU61	[-500: -259]
	RU27	[232: 257]	RU62	[-258: -17]
	RU28	[260: 285]	RU63	[17: 258]
	RU29	[286: 311]	RU64	[259: 500]
	RU30	[314: 339]	484-tone RU	
	RU31	[340: 365]	RU65	[-500: -17]
	RU32	[367: 392]	RU66	[17: 500]
	RU33	[394: 419]	996-tone RU	
	RU34	[420: 445]	RU67	[-500: -3, 3: 500]
	RU35	[448: 473]		
	RU36	[474: 499]		

5. 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.

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RADIATED EMISSION TEST (BELOW 1 GHz)						
MODE	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)	ANTENNA PORT
802.11a	5955~6415	1 to 93	45	OFDM	6	2TX
	6535~6855	117 to 185	181			
802.11ax_HE160	6025~6345	15 to 79	47	OFDMA	MCS0	2TX
	6505	111	111			
	6665~6825	143 to 175	143			
	6985	207	207			

RADIATED EMISSION TEST (ABOVE 1 GHz)						
MODE	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)	ANTENNA PORT
802.11a	5955~6415	1 to 93	1,45,93	OFDM	6	2TX
	6535~6855	117 to 185	117,149,181			

RADIATED EMISSION TEST (ABOVE 1 GHz)							
MODE	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	RU CONFIGURATION	DATA RATE (Mbps)	ANTENNA PORT
802.11ax_HE20	5955~6415	1 to 93	45	OFDMA	FULL RU 26/0,26/4,26/8 52/37,52/40 106/53,106/54	MCS0	2TX
	6535~6855	117 to 185	181				
802.11ax_HE40	5965~6405	3 to 91	3,43,91	OFDMA	FULL RU 242/61,242/62	MCS0	2TX
	6445~6525	99 to 115	99,107,115				
	6565~6845	123 to 179	123,147,179				
	6885~7085	187 to 227	187,195,211,227				
802.11ax_HE80	5985~6385	7 to 87	7,39,87	OFDMA	FULL RU	MCS0	2TX
	6465	103	103				
	6545~6865	119 to 183	103				
	6945~7025	199 to 215	199,215				
802.11ax_HE160	6025~6345	15 to 79	15,47,79	OFDMA	FULL RU	MCS0	2TX
	6505	111	111				
	6665~6825	143 to 175	143,175				
	6985	207	207				

CONDUCTED TEST						
MODE	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)	ANTENNA PORT
802.11a	5955~6415	1 to 93	1,45,93	OFDM	6	2TX
	6535~6855	117 to 185	117,149,181			

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CONDUCTED TEST							
MODE	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	RU CONFIGURATION	DATA RATE (Mbps)	ANTENNA PORT
802.11ax_HE20	5955~6415	1 to 93	45	OFDMA	FULL RU 26/0,26/4,26/8 52/37,52/40 106/53,106/54	MCS0	2TX
	6535~6855	117 to 185	181				
802.11ax_HE40	5965~6405	3 to 91	3,43,91	OFDMA	FULL RU 242/61,242/62	MCS0	2TX
	6445~6525	99 to 115	99,107,115				
	6565~6845	123 to 179	123,147,179				
	6885~7085	187 to 227	187,195,211,227				
802.11ax_HE80	5985~6385	7 to 87	7,39,87	OFDMA	FULL RU	MCS0	2TX
	6465	103	103				
	6545~6865	119 to 183	103				
	6945~7025	199 to 215	199,215				
802.11ax_HE160	6025~6345	15 to 79	15,47,79	OFDMA	FULL RU	MCS0	2TX
	6505	111	111				
	6665~6825	143 to 175	143,175				
	6985	207	207				

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
Output Power measurement	+/- 1 dB
Temperature	+/- 0.4 °C
Humidity	+/- 3.5 %
DC / AC Power Source	+/- 1 %

Radiated Spurious Emission Measurement Uncertainty			
Polarization: Vertical	+/-	2.64 dB	9kHz~30MHz
	+/-	4.93 dB	30MHz - 1000MHz
	+/-	4.81 dB	1GHz - 18GHz
	+/-	4.52 dB	18GHz - 40GHz
Polarization: Horizontal	+/-	2.64 dB	9kHz~30MHz
	+/-	4.45 dB	30MHz - 1000MHz
	+/-	4.81 dB	1GHz - 18GHz
	+/-	4.52 dB	18GHz - 40GHz

Note:

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

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6 MEASUREMENT EQUIPMENT USED

6.1 Conducted Measurement

Conducted Emission Test Site: Conducted D					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Spectrum Analyzer	KEYSIGHT	N9010B	MY59071570	06/01/2022	05/31/2023
Power Meter	Anritsu	ML2496A	1326001	08/11/2022	08/10/2023
Power Sensor	Anritsu	MA2411B	1315048	08/11/2022	08/10/2023
Power Sensor	Anritsu	MA2411B	1315049	08/11/2022	08/10/2023
Attenuator	Marvelous	MVE2213-10	RF13	11/18/2021	11/17/2022
Attenuator	Marvelous	WATT-218FS-10	RF16	11/18/2021	11/17/2022
Attenuator	Marvelous	WATT-218FS-10	RF23	11/18/2021	11/17/2022
DC Block	PASTERNAK	PE8210	RF159	11/18/2021	11/17/2022
Coaxial Cables	Woken	00100A1F2A196C	RF70	11/18/2021	11/17/2022

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	1206	02/15/2022	02/14/2023
Horn Antenna	Schwarzbeck	BBHA9170	184	12/15/2022	12/14/2023
Horn Antenna	RF SPIN	DRH18-E	210105A18E	04/08/2022	04/07/2023
Loop Antenna	ETS.LINDGREN	6502	143303	05/06/2022	05/07/2023
3m Site NSA	SGS	966 chamber G	N/A	03/30/2022	03/29/2023
Spectrum Analyzer	KEYSIGHT	N9010A	MY51440113	07/13/2022	07/14/2023
Test Software	audix	e3	E3 20923 SGS Ver.9 (C)	N.C.R	N.C.R
Pre-Amplifier	EMC Instruments	EMC184045B	980135	10/27/2021	10/26/2022
Pre-Amplifier	EMC Instruments	EMC330N	980781	03/15/2022	03/14/2023
Pre-Amplifier	EMC Instruments	EMC118A45SE	980815	03/15/2022	03/14/2023
Coaxial Cable	EMC Instruments	EMCCFD400-NM-NM-8000-5000-2000	210216 、 210217 、 210218	03/15/2022	03/14/2023
Coaxial Cable	EMC Instruments	EMC104-SM-SM-8000-5000-5000	210219 、 210220 、 210221	03/15/2022	03/14/2023
Coaxial Cable	EMC Instruments	EMC105-NM-NM-5000-15000	210224 、 210306	03/15/2022	03/14/2023

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

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7 MAXIMUM OUTPUT POWER

7.1 Standard Applicable

7.1.1 Duty Cycle

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

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

7.1.2 Output Power

§15.407(a)

- (4) For a standard power access point and fixed client device operating in the 5.925-6.425 GHz and 6.525-6.875 GHz bands, the maximum e.i.r.p. over the frequency band of operation must not exceed 36 dBm.
For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).
- (5) For an indoor access point operating in the 5.925-7.125 GHz band, the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm.
- (6) For a subordinate device operating under the control of an indoor access point in the 5.925-7.125 GHz band, the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm.
- (7) For client devices, except for fixed client devices as defined in this subpart, operating under the control of a standard power access point in 5.925-6.425 GHz and 6.525-6.875 GHz bands, the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm and the device must limit its power to no more than 6 dB below its associated standard power access point's authorized transmit power.
- (8) For client devices operating under the control of an indoor access point in the 5.925-7.125 GHz bands, the maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.

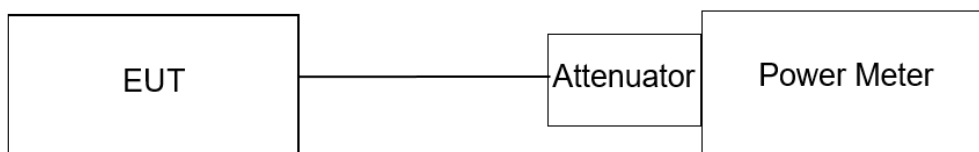
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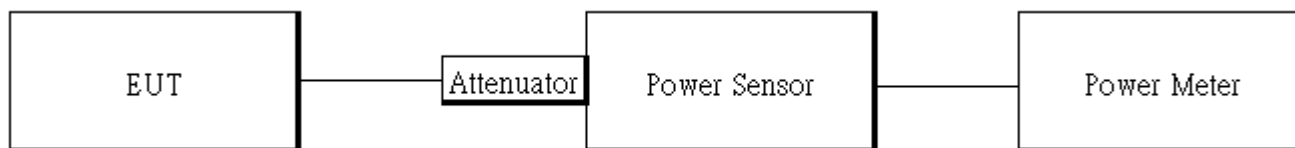
EUT CATEGORY		Equipment Class	§15.407(a)
☐	Standard Access Point	6SD	EIRP < 36dBm and antenna angle above 30 degrees < 21dBm EIRP for outdoor use
☐	indoor Access Point	6ID	EIRP < 30dBm
☐	Subordinate Device	6PP	EIRP < 30dBm
☐	Fixed Client	6FC	EIRP < 36dBm and antenna angle above 30 degrees < 21dBm EIRP for outdoor use
☐	Indoor Client	6XD	EIRP < 24dBm
☐	Standard Client	6FX	EIRP < 30dBm no more than 6 dB below its associated standard power access point's authorized transmit power
☒	Dual Client	6CD	Compliance both indoor client and standard client limit

7.2 Test Setup

7.2.1 Duty Cycle



7.2.2 Output Power



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Note:

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

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

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

where

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

NSS = the number of independent spatial streams of data;

NANT = the total number of antennas

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

G_k is the gain in dBi of the kth antenna.

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

7.3 Measurement Procedure

7.3.1 Duty Cycle

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

7.3.2 Output Power

1. Place the EUT on the table and set it in transmitting mode.
2. 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.
7. MIMO mode: offset is set with "measure and add 10 Log (N)" to measurement for MIMO mode. Offset = cable loss + 10 log (N), where N is number of transmitting antenna.

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7.4 Measurement Result

7.4.1 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	99.15	0.04	0.48	0.01
802.11ax_20	99.71	0.01	0.18	0.01
802.11ax_40	99.71	0.01	0.18	0.01
802.11ax_80	99.71	0.01	0.18	0.01
802.11ax_160	99.71	0.01	0.18	0.01

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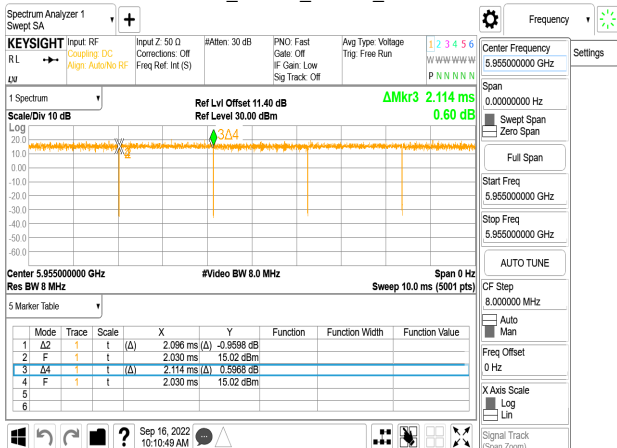
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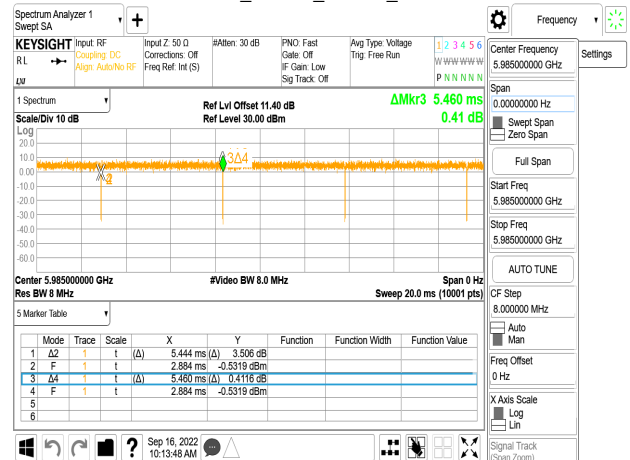
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802.11a_20MHz_Chain0_5955MHz



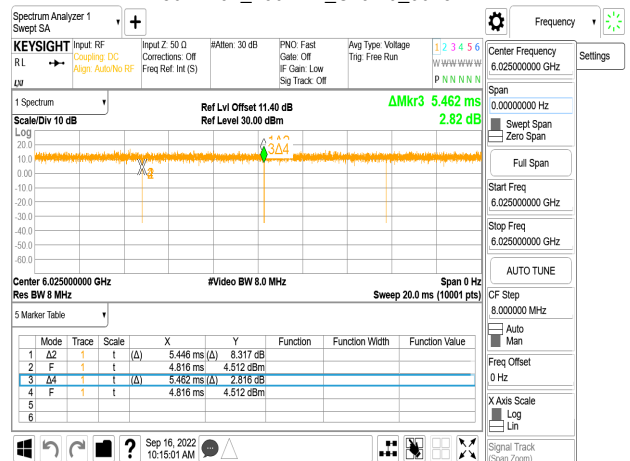
802.11ax_80MHz_Chain0_5985MHz



802.11ax_20MHz_Chain0_5955MHz



802.11ax_160MHz_Chain0_6025MHz



802.11ax_40MHz_Chain0_5965MHz



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7.4.2 Conducted output power

Low Power

802.11a_2TX

CH	Frequency (MHz)	AVERAGE POWER (dBm)		TOTAL POWER +Factor (dBm)	Antenna Gain (dBi)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
		CH 0	CH 1					
1	5955	-0.85	-1.24	2.01	7.35	9.360	24	PASS
45	6175	-0.82	-1.630	1.84	7.35	9.194	24	PASS
93	6415	-0.54	-0.210	2.68	7.35	10.028	24	PASS
117	6535	-1.21	-0.890	2.00	7.38	9.383	24	PASS
149	6695	-1.11	-0.970	2.01	7.38	9.391	24	PASS
181	6855	-1.39	-1.230	1.74	7.38	9.121	24	PASS

802.11ax_20_2TX

CH	Frequency (MHz)	RU config.	AVERAGE POWER (dBm)		TOTAL POWER +Factor (dBm)	Antenna Gain (dBi)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
			CH 0	CH 1					
1	5955	full	0.18	0.35	3.29	7.35	10.636	24	PASS
		26/0	-7.43	-5.87	-3.56	7.35	3.790	24	PASS
		52/37	-2.88	-6.99	-1.45	7.35	5.904	24	PASS
		106/53	-0.76	-4.01	0.93	7.35	8.282	24	PASS
45	6175	full	-0.19	-0.78	2.55	7.35	9.895	24	PASS
		26/4	-6.55	-6.99	-3.74	7.35	3.606	24	PASS
		52/38	-4.75	-4.65	-1.68	7.35	5.671	24	PASS
		106/53	-0.33	-2.22	1.85	7.35	9.197	24	PASS
93	6415	full	0.35	0.41	3.40	7.35	10.750	24	PASS
		26/8	-7.24	-7.33	-4.26	7.35	3.086	24	PASS
		52/40	-4.65	-4.71	-1.66	7.35	5.690	24	PASS
		106/54	-1.55	-1.88	1.31	7.35	8.658	24	PASS
117	6535	full	1.57	0.27	3.99	7.38	11.369	24	PASS
		26/0	-6.83	-7.36	-4.07	7.38	3.313	24	PASS
		52/37	-4.49	-5.14	-1.78	7.38	5.597	24	PASS
		106/53	-0.77	-2.31	1.55	7.38	8.928	24	PASS
149	6695	full	-0.33	-0.39	2.66	7.38	10.040	24	PASS
		26/4	-6.52	-6.71	-3.59	7.38	3.786	24	PASS
		52/38	-5.01	-4.86	-1.91	7.38	5.466	24	PASS
		106/53	-1.39	-2.12	1.28	7.38	8.661	24	PASS
181	6855	full	-0.45	-0.11	2.74	7.38	10.124	24	PASS
		26/8	-7.65	-6.99	-4.29	7.38	3.093	24	PASS
		52/40	-4.89	-4.22	-1.52	7.38	5.858	24	PASS
		106/54	-1.55	-1.79	1.35	7.38	8.732	24	PASS

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802.11ax_40_2TX

CH	Frequency (MHz)	RU config.	AVERAGE POWER (dBm)		TOTAL POWER +Factor (dBm)	Antenna Gain (dBi)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
			CH 0	CH 1					
3	5965	full	2.51	2.330	5.44	7.35	12.791	24	PASS
		242/61	2.01	1.930	4.99	7.35	12.340	24	PASS
43	6165	full	3.56	3.310	6.46	7.35	13.807	24	PASS
		242/62	2.12	1.780	4.97	7.35	12.324	24	PASS
91	6405	full	3.68	3.550	6.64	7.35	13.986	24	PASS
		242/62	2.44	1.890	5.19	7.35	12.544	24	PASS
99	6445	full	4.12	3.780	6.97	7.38	14.354	24	PASS
		242/61	2.67	1.590	5.18	7.38	12.564	24	PASS
107	6485	full	3.89	3.990	6.96	7.38	14.341	24	PASS
		242/62	3.01	1.930	5.52	7.38	12.904	24	PASS
115	6525	full	3.98	3.740	6.88	7.38	14.262	24	PASS
		242/62	2.67	1.920	5.33	7.38	12.711	24	PASS
123	6565	full	4.01	3.730	6.89	7.38	14.273	24	PASS
		242/61	2.51	1.370	5.00	7.38	12.378	24	PASS
155	6725	full	2.78	3.510	6.18	7.38	13.561	24	PASS
		242/61	1.99	1.780	4.91	7.38	12.287	24	PASS
179	6845	full	3.31	3.390	6.37	7.38	13.750	24	PASS
		242/62	1.67	1.540	4.63	7.38	12.006	24	PASS
187	6885	full	3.26	3.970	6.65	7.53	14.180	24	PASS
		242/61	2.03	2.200	5.14	7.53	12.666	24	PASS
211	7005	full	2.72	4.010	6.43	7.53	13.963	24	PASS
		242/61	2.13	3.070	5.65	7.53	13.176	24	PASS
227	7085	full	3.01	4.370	6.76	7.53	14.293	24	PASS
		242/62	3.11	3.490	6.32	7.53	13.854	24	PASS

802.11ax_80_2TX

CH	Frequency (MHz)	RU config.	AVERAGE POWER (dBm)		TOTAL POWER +Factor (dBm)	Antenna Gain (dBi)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
			CH 0	CH 1					
7	5985	full	5.82	5.32	8.60	7.35	15.947	24	PASS
39	6145	full	6.22	5.36	8.83	7.35	16.182	24	PASS
87	6385	full	6.21	5.59	8.93	7.35	16.281	24	PASS
103	6465	full	7.21	6.11	9.72	7.38	17.095	24	PASS
119	6545	full	6.29	5.89	9.11	7.38	16.495	24	PASS
135	6625	full	13.71	13.31	16.53	7.38	23.915	24	PASS
151	6705	full	5.45	5.32	8.41	7.38	15.786	24	PASS
167	6785	full	13.87	12.85	16.41	7.38	23.790	24	PASS
183	6865	full	5.59	5.43	8.53	7.38	15.911	24	PASS
199	6945	full	5.31	5.85	8.61	7.53	16.139	24	PASS
215	7025	full	5.51	5.63	8.59	7.53	16.121	24	PASS

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802.11ax_160_2TX

CH	Frequency (MHz)	RU config.	AVERAGE POWER (dBm)		TOTAL POWER +Factor (dBm)	Antenna Gain (dBi)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
			CH 0	CH 1					
15	6025	full	7.24	7.37	10.33	7.35	17.678	24	PASS
47	6185	full	7.45	6.92	10.22	7.35	17.566	24	PASS
79	6345	full	8.01	6.68	10.42	7.35	17.769	24	PASS
111	6505	full	7.39	7.33	10.38	7.38	17.763	24	PASS
143	6665	full	7.55	7.39	10.49	7.38	17.874	24	PASS
175	6825	full	7.2	6.62	9.94	7.38	17.323	24	PASS
207	6985	full	7.17	7.31	10.26	7.53	17.793	24	PASS

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High Power

802.11a_2TX

CH	Frequency (MHz)	AVERAGE POWER (dBm)		TOTAL POWER +Factor (dBm)	Antenna Gain (dBi)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
		CH 0	CH 1					
1	5955	18.35	18.16	21.31	7.35	28.656	30	PASS
45	6175	18.46	17.210	20.93	7.35	28.280	30	PASS
93	6415	17.64	17.020	20.39	7.35	27.741	30	PASS
117	6535	18.51	17.150	20.93	7.38	28.313	30	PASS
149	6695	14.51	14.270	17.44	7.38	24.822	30	PASS
181	6855	17.46	16.450	20.03	7.38	27.415	30	PASS

802.11ax_20_2TX

CH	Frequency (MHz)	RU config.	AVERAGE POWER (dBm)		TOTAL POWER +Factor (dBm)	Antenna Gain (dBi)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
			CH 0	CH 1					
1	5955	full	15.4	16.11	18.79	7.35	26.140	30	PASS
		26/0	10.1	10.13	13.14	7.35	20.485	30	PASS
		52/37	12.72	12.87	15.82	7.35	23.166	30	PASS
		106/53	13.88	14.56	17.25	7.35	24.604	30	PASS
45	6175	full	15.6	15.39	18.52	7.35	25.867	30	PASS
		26/4	9.66	9.98	12.84	7.35	20.193	30	PASS
		52/38	12.17	12.65	15.44	7.35	22.787	30	PASS
		106/53	14.19	14.27	17.25	7.35	24.600	30	PASS
93	6415	full	16	15.21	18.64	7.35	25.993	30	PASS
		26/8	9.92	10.04	13.00	7.35	20.351	30	PASS
		52/40	12.28	12.32	15.32	7.35	22.670	30	PASS
		106/54	14.26	13.85	17.08	7.35	24.430	30	PASS
117	6535	full	16.18	15.58	18.91	7.38	26.291	30	PASS
		26/0	10.71	9.9	13.34	7.38	20.724	30	PASS
		52/37	12.9	12.09	15.53	7.38	22.914	30	PASS
		106/53	14.32	13.64	17.01	7.38	24.394	30	PASS
149	6695	full	15.94	15.14	18.58	7.38	25.959	30	PASS
		26/4	10.37	9.96	13.19	7.38	20.570	30	PASS
		52/38	12.62	12.3	15.48	7.38	22.863	30	PASS
		106/53	14.38	13.75	17.10	7.38	24.477	30	PASS
181	6855	full	16.27	15.21	18.79	7.38	26.173	30	PASS
		26/8	10.27	9.77	13.05	7.38	20.427	30	PASS
		52/40	12.92	12.42	15.70	7.38	23.077	30	PASS
		106/54	14.59	13.55	17.12	7.38	24.501	30	PASS

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802.11ax_40_2TX

CH	Frequency (MHz)	RU config.	AVERAGE POWER (dBm)		TOTAL POWER +Factor (dBm)	Antenna Gain (dBi)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
			CH 0	CH 1					
3	5965	full	15.44	14.700	18.11	7.35	25.456	30	PASS
		242/61	14.54	14.000	17.30	7.35	24.649	30	PASS
43	6165	full	15.35	15.320	18.36	7.35	25.705	30	PASS
		242/62	14.13	14.270	17.22	7.35	24.571	30	PASS
91	6405	full	15.46	14.720	18.13	7.35	25.476	30	PASS
		242/62	14.19	13.810	17.02	7.35	24.374	30	PASS
123	6565	full	15.91	14.870	18.44	7.38	25.821	30	PASS
		242/61	14.60	13.530	17.12	7.38	24.498	30	PASS
155	6725	full	14.39	15.310	17.89	7.38	25.275	30	PASS
		242/61	13.64	14.280	16.99	7.38	24.372	30	PASS
179	6845	full	15.70	14.370	18.11	7.38	25.486	30	PASS
		242/62	14.45	13.460	17.00	7.38	24.383	30	PASS

802.11ax_80_2TX

CH	Frequency (MHz)	RU config.	AVERAGE POWER (dBm)		TOTAL POWER +Factor (dBm)	Antenna Gain (dBi)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
			CH 0	CH 1					
7	5985	full	13.02	12.55	15.81	7.35	23.162	30	PASS
39	6145	full	14.59	14.33	17.48	7.35	24.832	30	PASS
87	6385	full	14.65	14.34	17.52	7.35	24.868	30	PASS
119	6545	full	6.26	6.16	9.23	7.38	16.611	30	PASS
135	6625	full	14.91	14.51	17.73	7.38	25.115	30	PASS
151	6705	full	15.07	14.27	17.71	7.38	25.089	30	PASS
167	6785	full	15.42	14.32	17.93	7.38	25.305	30	PASS

802.11ax_160_2TX

CH	Frequency (MHz)	RU config.	AVERAGE POWER (dBm)		TOTAL POWER +Factor (dBm)	Antenna Gain (dBi)	EIRP (dBm)	REQUIRED EIRP LIMIT (dBm)	RESULT
			CH 0	CH 1					
15	6025	full	13.01	12.89	15.97	7.35	23.323	30	PASS
47	6185	full	14.31	14.12	17.24	7.35	24.589	30	PASS
79	6345	full	14.48	13.91	17.23	7.35	24.577	30	PASS
143	6665	full	14.59	13.88	17.27	7.38	24.652	30	PASS
175	6825	full	7.21	6.67	9.97	7.38	17.351	30	PASS

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8 UNDESIRABLE RADIATED EMISSIONS

8.1 Standard Applicable

For transmitters operating within the 5.925-7.125 GHz band: Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of -27 dBm/MHz and below 1 GHz must comply with the general field strength limits set forth in §15.209.

The provisions of §15.205 apply to intentional radiators operating under this section.

Use guidance in KDB 789033 for measurements below 1000 MHz and above 1000 MHz. Unwanted emissions outside of restricted bands are measured with a RMS detector. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit

Above 1GHz and non-restricted limit

EIRP LIMIT	FIELD STRENGTH AT 3m
Peak: -7 (dBm/MHz) AV: -27 (dBm/MHz)	Peak: 88.2 (dBμV/m) AV: 68.2 (dBμV/m)

$$EIRP[dBm] = E[dB\mu V/m] + 20 \log (d[m]) - 104.77.$$

$$E[dB\mu V/m] = EIRP[dBm] - 20 \log (d[m]) + 104.77$$

Below 1G and restricted limit

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

Note:

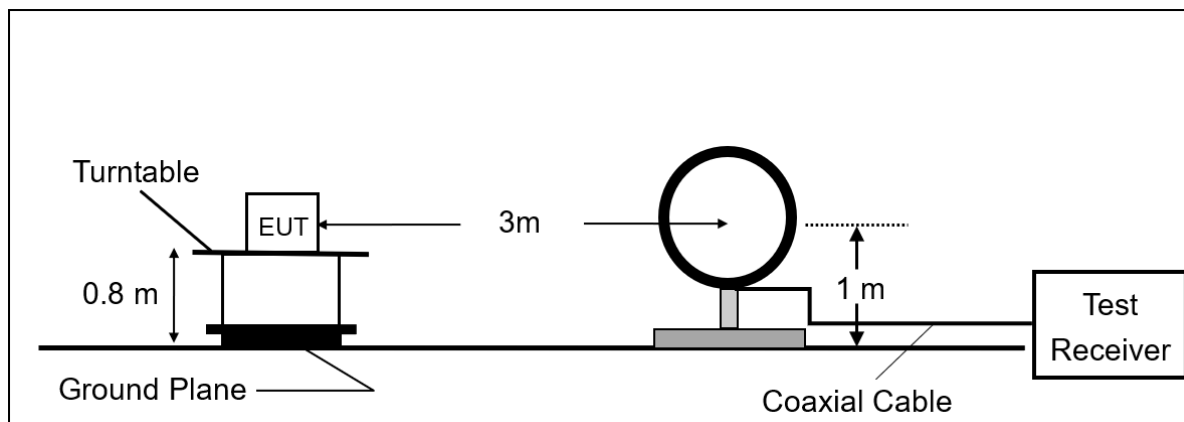
1. The lower limit shall apply at the transition frequencies.

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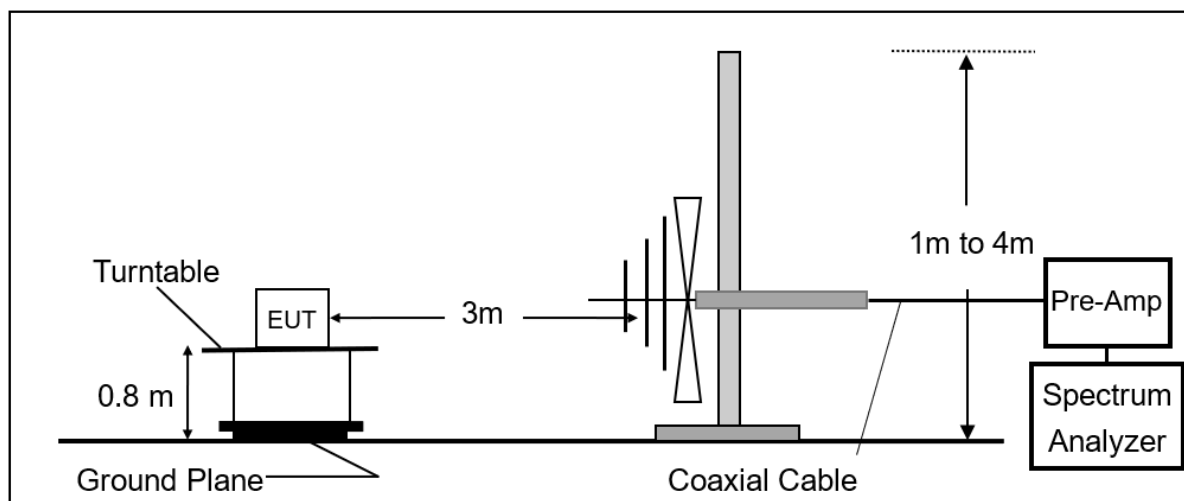
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8.2 Test Setup

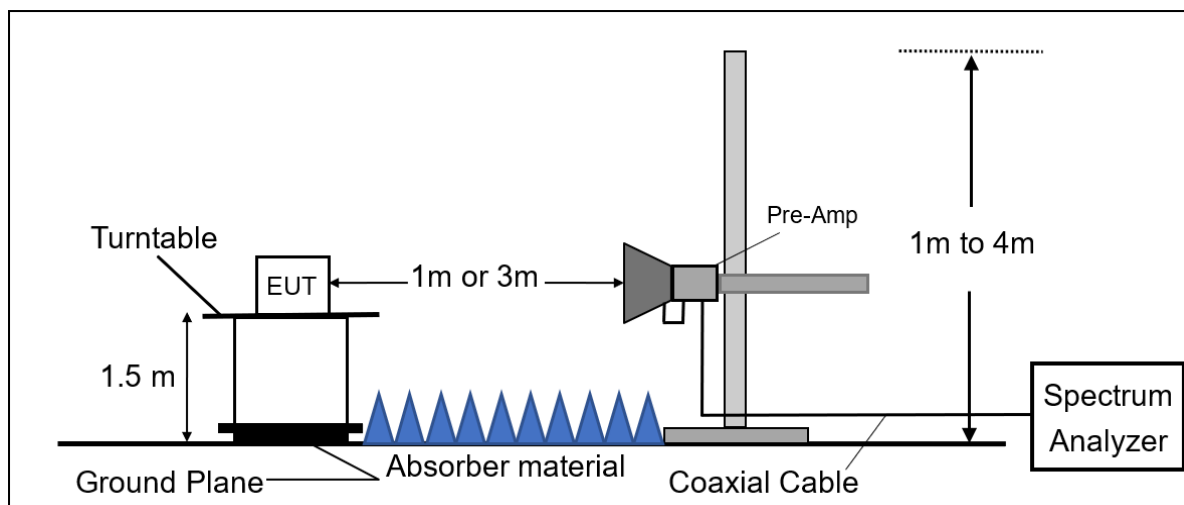
(A) Radiated Emission Test Set-Up, Frequency Below 30MHz.



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



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



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8.3 Measurement Procedure

1. The EUT was placed on a turn table which is 0.8m above ground plane.
2. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules .
3. The EUT was placed on a turn table with 0.8m for frequency< 1GHz and 1.5m for frequency> 1GHz above ground plane.
4. The turn table shall rotate 360 degrees to determine the position of maximum emission level.
5. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emissions.
6. Set the spectrum analyzer as RBW=100 kHz and VBW=300 kHz for Peak Detector (PK) at frequency between 30MHz and 1 GHz.
7. Use receiver mode as RBW=120 kHz for Quasi-peak (QP) at frequency between 30MHz and 1 GHz.
8. At frequency above 1 GHz, Set the spectrum analyzer:
 - A. RBW=1 MHz, VBW=3 MHz for **Peak** Detector.
 - B. Set the spectrum analyzer as RBW=1 MHz, VBW=10 Hz (Duty cycle > 98%) or VBW $\geq 1/T$ (Duty cycle < 98%) for **Average** Detector.
9. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
10. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
11. Repeat above procedures until all frequency measured were complete.

8.4 Field Strength Calculation

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

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

Where FS = Field Strength

CL = Cable Attenuation Factor (Cable Loss)

RA = Reading Amplitude

AG = Amplifier Gain

AF = Antenna Factor

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

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

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

8.5 Test Results of Radiated Spurious Emissions form 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 :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-10-07

Test Frequency :5955 MHz

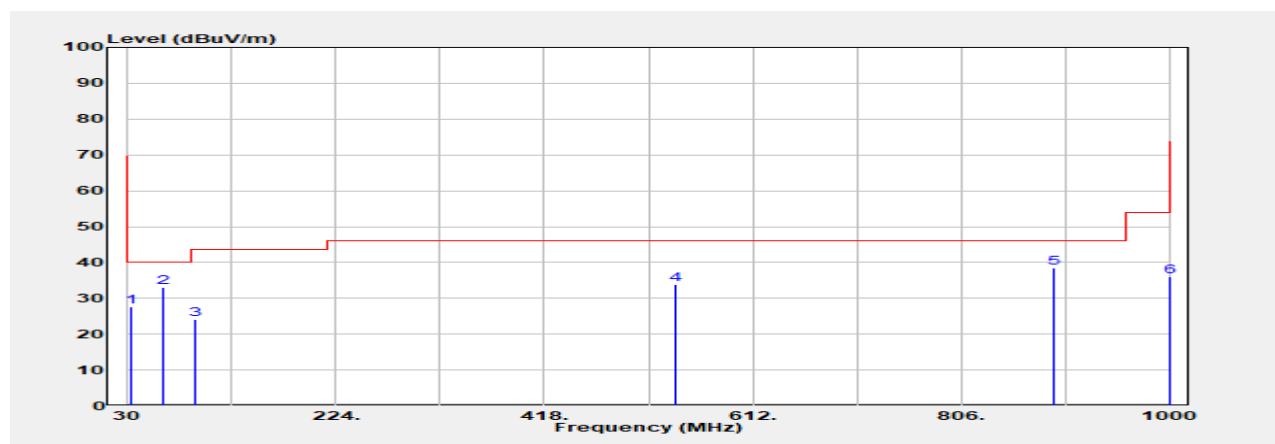
Temp./Humi. :22.1/69

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
32.910	Peak	41.98	-14.23	27.75	40.00	-12.25
62.010	Peak	47.10	-13.97	33.13	40.00	-6.87
92.080	Peak	42.70	-18.71	23.99	43.50	-19.51
540.220	Peak	40.71	-6.88	33.82	46.00	-12.18
893.300	Peak	40.64	-2.06	38.58	46.00	-7.42
1000.000	Peak	38.01	-2.01	36.00	54.00	-18.00

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-10-07

Test Frequency :5955 MHz

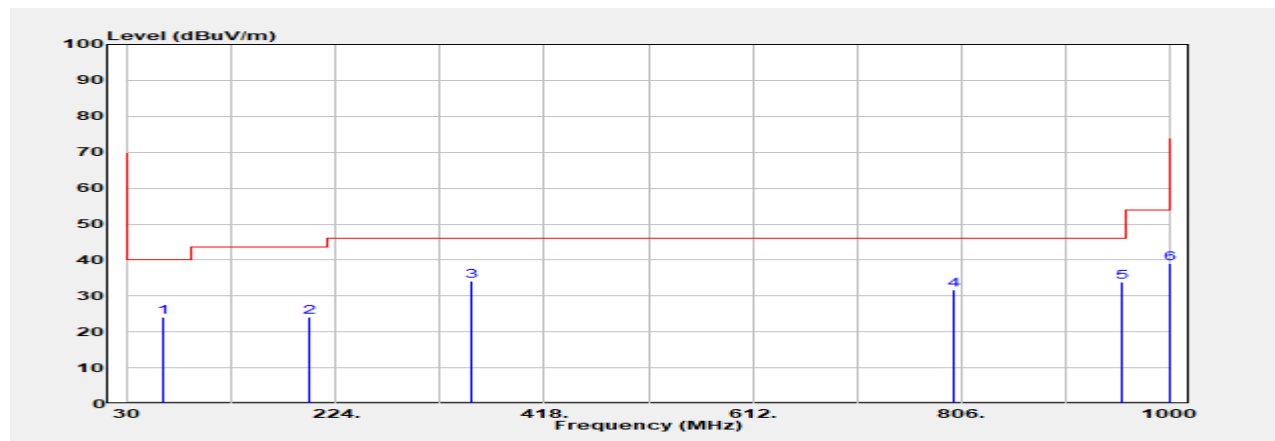
Temp./Humi. :22.1/69

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
62.980	Peak	38.19	-13.98	24.21	40.00	-15.79
199.750	Peak	40.32	-16.25	24.06	43.50	-19.44
349.130	Peak	45.24	-11.16	34.08	46.00	-11.92
800.180	Peak	33.98	-2.15	31.82	46.00	-14.18
956.350	Peak	33.26	0.60	33.85	46.00	-12.15
1000.000	Peak	40.95	-2.01	38.94	54.00	-15.06

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax160

Test Date :2022-10-07

Test Frequency :6025 MHz

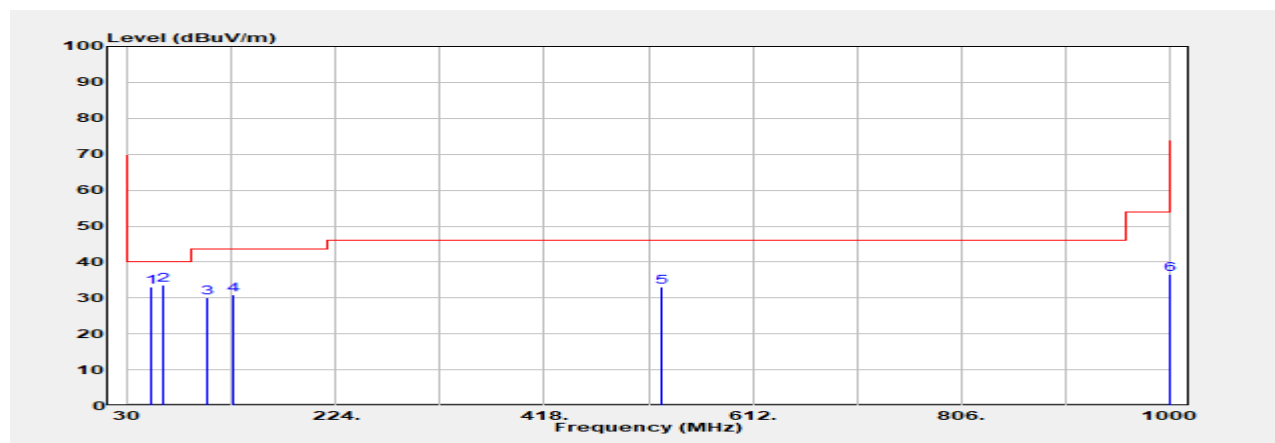
Temp./Humi. :22.1/69

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
51.340	Peak	46.29	-13.14	33.15	40.00	-6.85
62.010	Peak	47.52	-13.97	33.55	40.00	-6.45
104.690	Peak	47.06	-17.06	29.99	43.50	-13.51
127.970	Peak	45.45	-14.64	30.81	43.50	-12.69
527.610	Peak	40.38	-7.37	33.01	46.00	-12.99
1000.000	Peak	38.59	-2.01	36.58	54.00	-17.42

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Member of SGS Group

Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax160

Test Date :2022-10-07

Test Frequency :6025 MHz

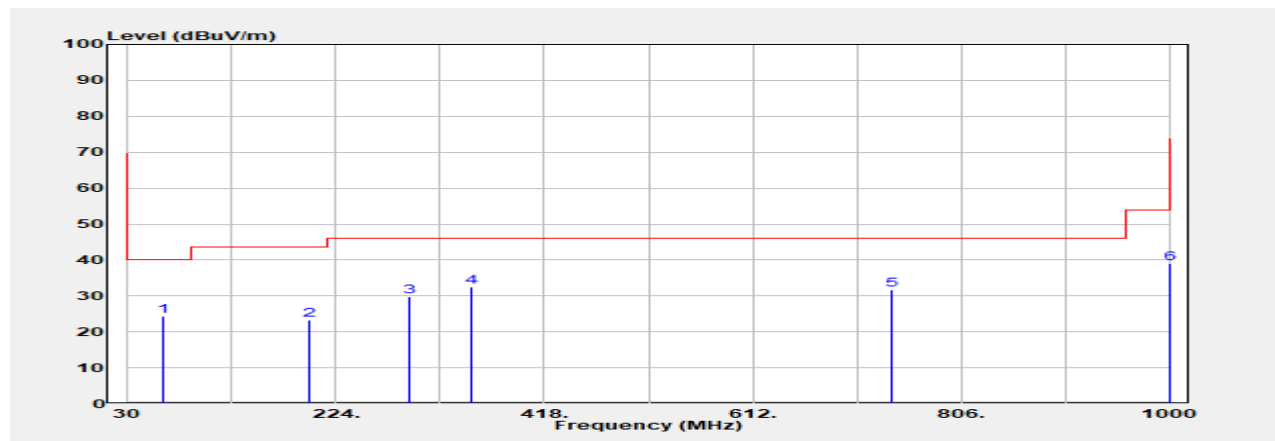
Temp./Humi. :22.1/69

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
62.980	Peak	38.48	-13.98	24.50	40.00	-15.50
199.750	Peak	39.60	-16.25	23.34	43.50	-20.16
291.900	Peak	42.42	-12.63	29.79	46.00	-16.21
349.130	Peak	43.59	-11.16	32.43	46.00	-13.57
741.980	Peak	35.12	-3.40	31.72	46.00	-14.28
1000.000	Peak	41.02	-2.01	39.01	54.00	-14.99

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Member of SGS Group

Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-10-17

Test Frequency :5955 MHz

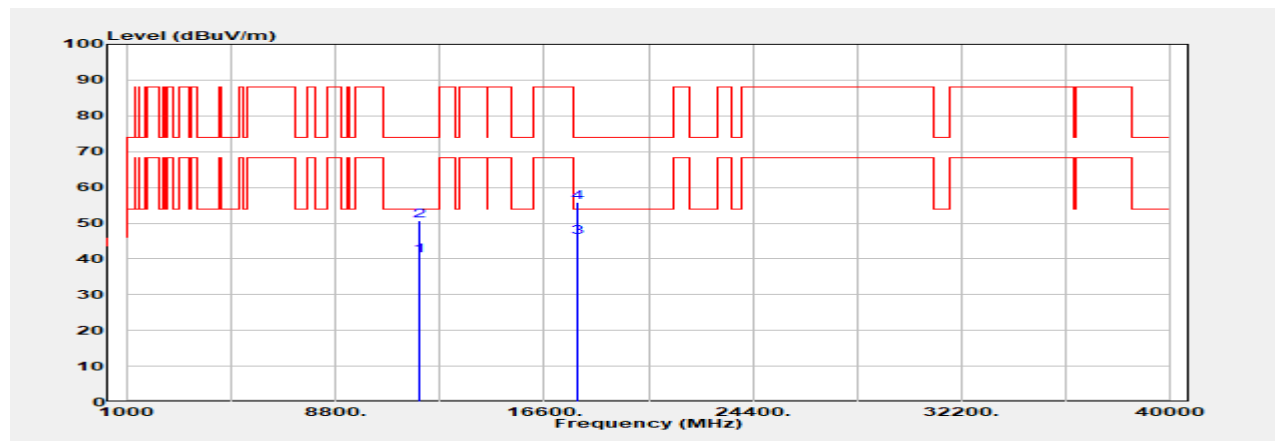
Temp./Humi. :21.5/70

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
11910.000	Average	30.03	10.91	40.94	54.00	-13.06
11910.000	Peak	39.87	10.91	50.78	74.00	-23.22
17865.000	Average	34.49	11.58	46.07	54.00	-7.93
17865.000	Peak	44.25	11.58	55.83	74.00	-18.17

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-10-17

Test Frequency :5955 MHz

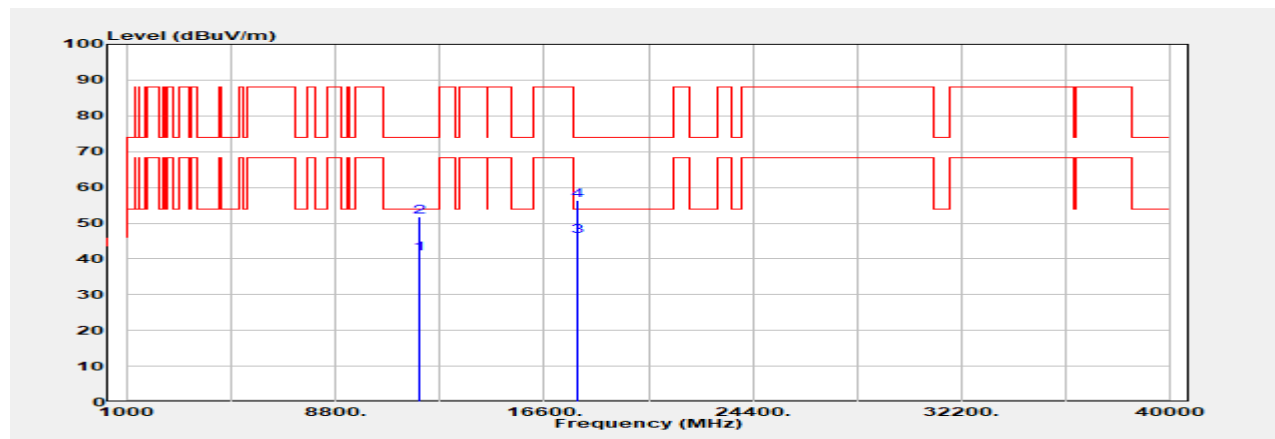
Temp./Humi. :21.5/70

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
11910.000	Average	30.49	10.91	41.40	54.00	-12.60
11910.000	Peak	40.95	10.91	51.85	74.00	-22.15
17865.000	Average	34.88	11.58	46.46	54.00	-7.54
17865.000	Peak	44.66	11.58	56.24	74.00	-17.76

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Member of SGS Group

Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-10-17

Test Frequency :6175 MHz

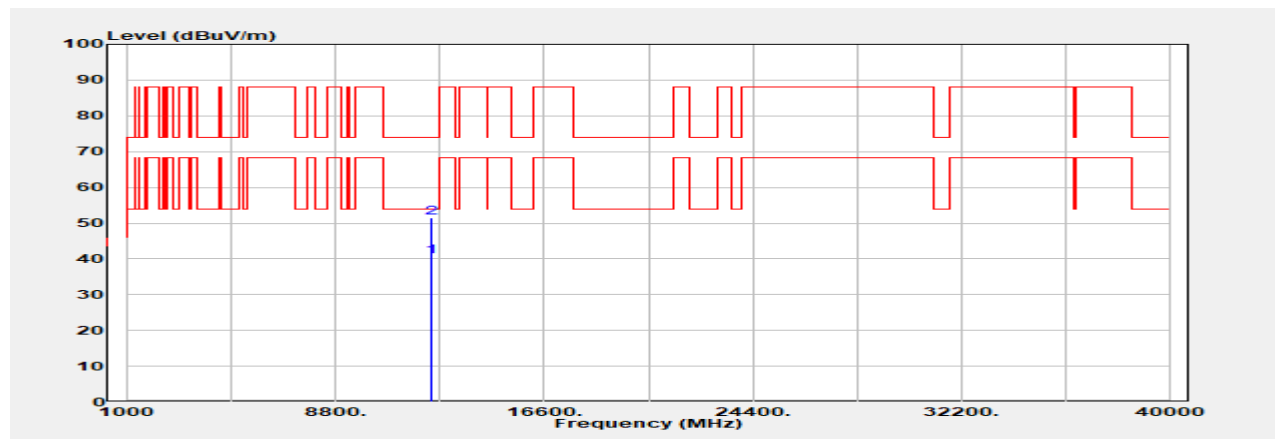
Temp./Humi. :21.5/70

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
12350.000	Average	30.32	10.31	40.63	54.00	-13.37
12350.000	Peak	41.14	10.31	51.45	74.00	-22.55

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Member of SGS Group

Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-10-17

Test Frequency :6175 MHz

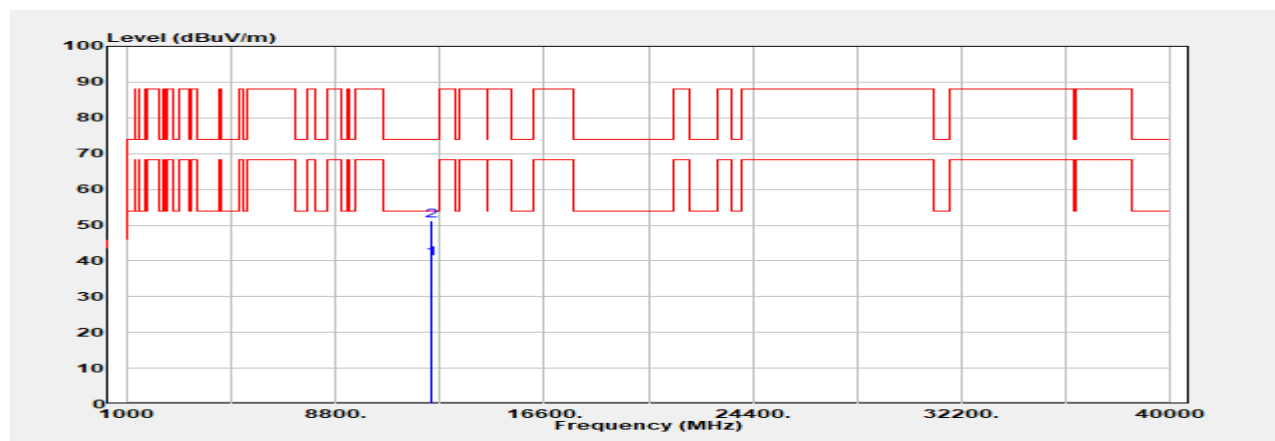
Temp./Humi. :21.5/70

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
12350.000	Average	30.23	10.31	40.54	54.00	-13.46
12350.000	Peak	40.99	10.31	51.29	74.00	-22.71

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-10-17

Test Frequency :6415 MHz

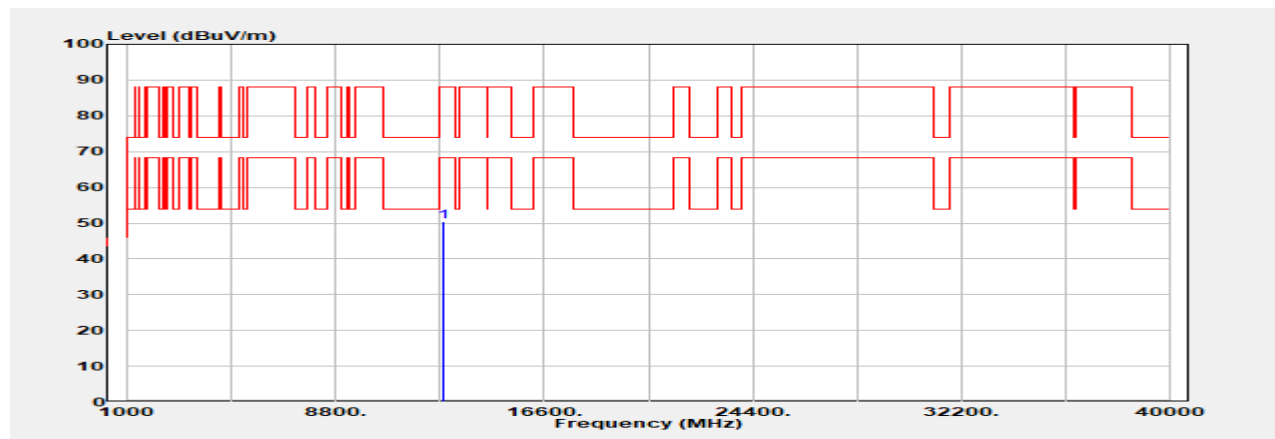
Temp./Humi. :21.5/70

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
12830.000	Peak	39.29	10.99	50.28	88.20	-37.92

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-10-17

Test Frequency :6415 MHz

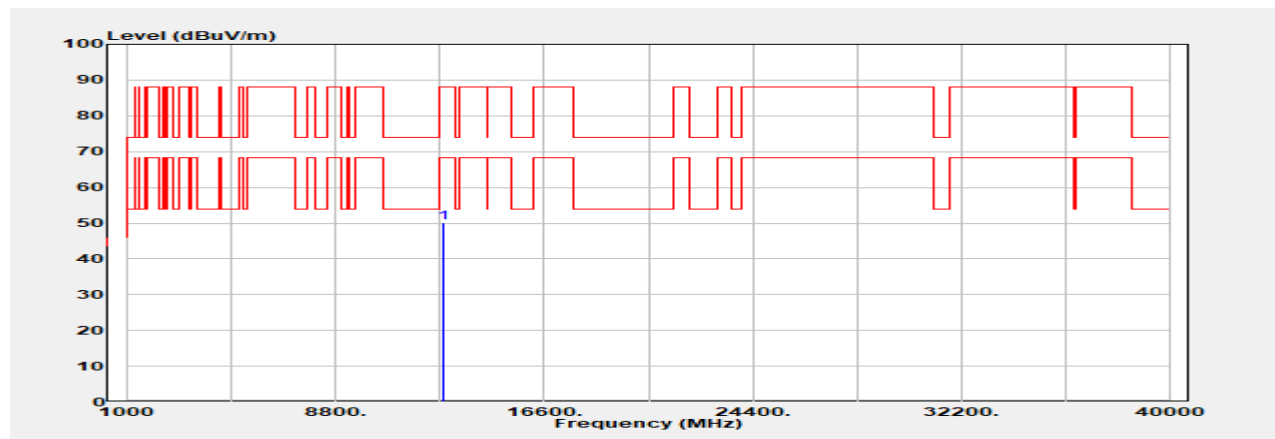
Temp./Humi. :21.5/70

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
12830.000	Peak	39.11	10.99	50.11	88.20	-38.09

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-10-17

Test Frequency :6535 MHz

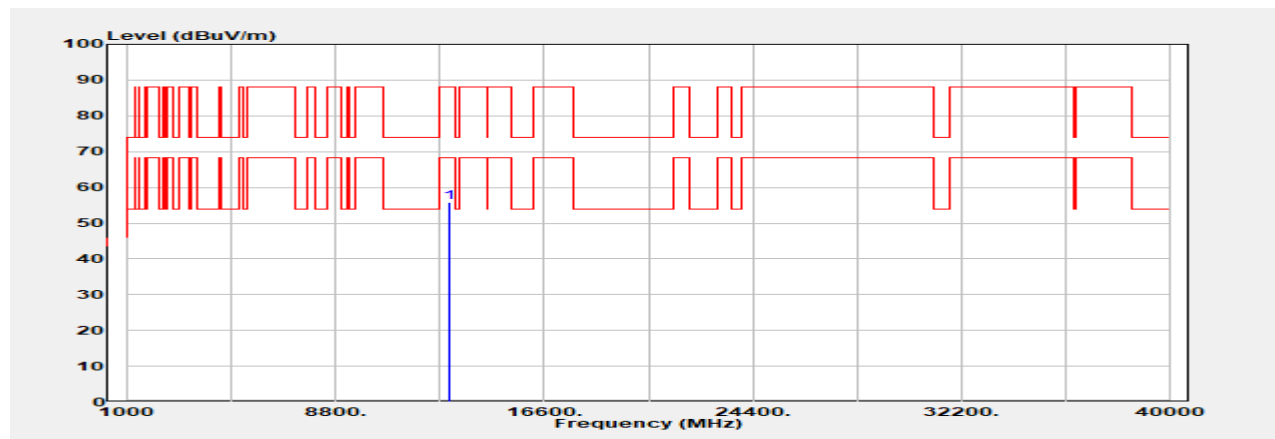
Temp./Humi. :21.5/70

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
13070.000	Peak	45.26	10.45	55.72	88.20	-32.48

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-10-17

Test Frequency :6535 MHz

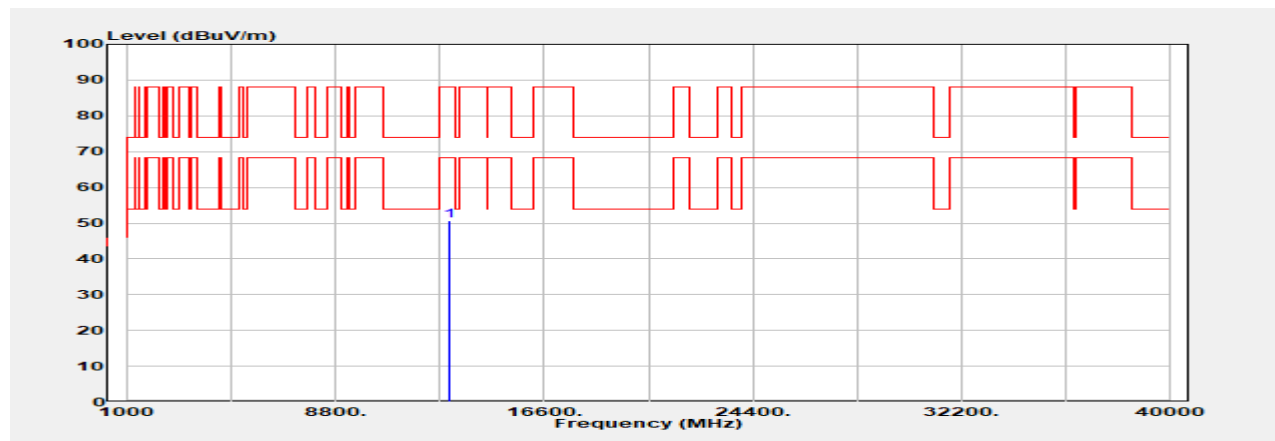
Temp./Humi. :21.5/70

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
13070.000	Peak	40.33	10.45	50.79	88.20	-37.41

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-10-17

Test Frequency :6695 MHz

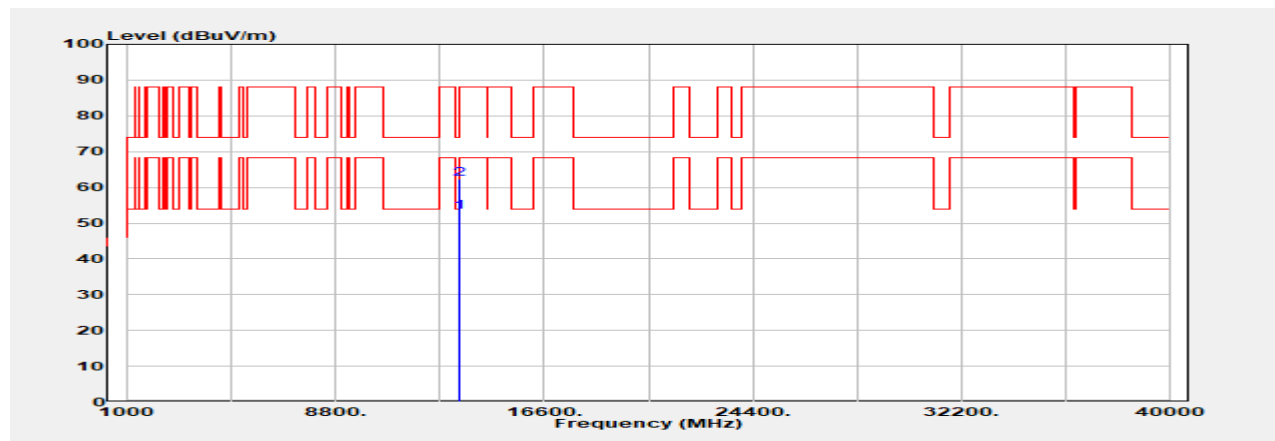
Temp./Humi. :21.5/70

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
13390.000	Average	42.49	10.50	52.99	54.00	-1.01
13390.000	Peak	51.92	10.50	62.42	74.00	-11.58

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Member of SGS Group

Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-10-17

Test Frequency :6695 MHz

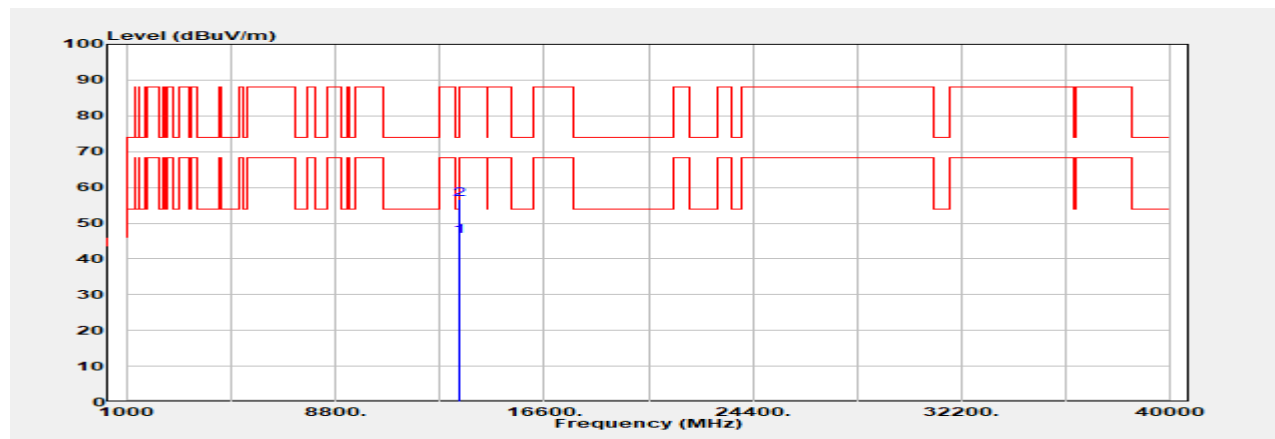
Temp./Humi. :21.5/70

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
13390.000	Average	35.93	10.50	46.43	54.00	-7.57
13390.000	Peak	46.17	10.50	56.67	74.00	-17.33

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-10-17

Test Frequency :6855 MHz

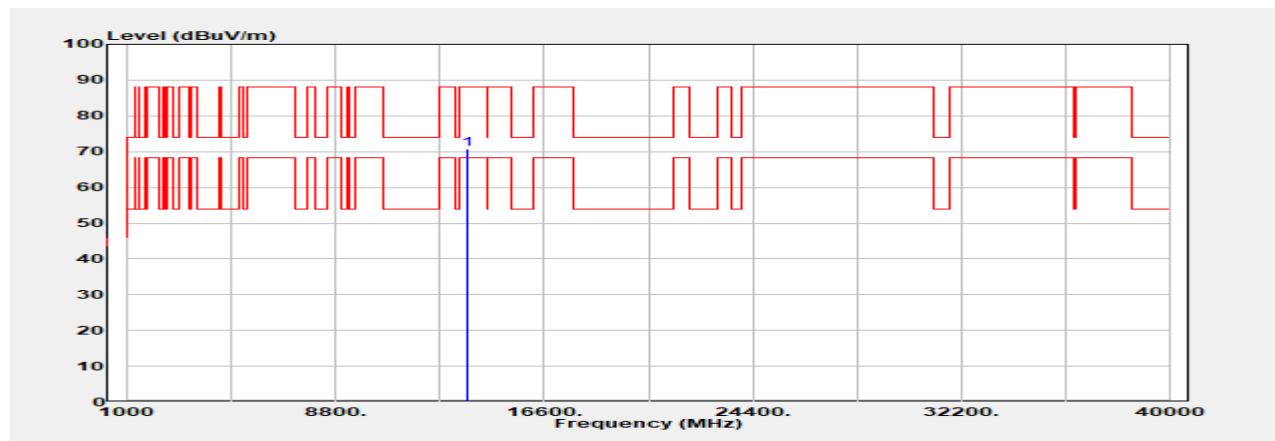
Temp./Humi. :21.5/70

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
13710.000	Peak	59.76	11.05	70.81	88.20	-17.39

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-10-17

Test Frequency :6855 MHz

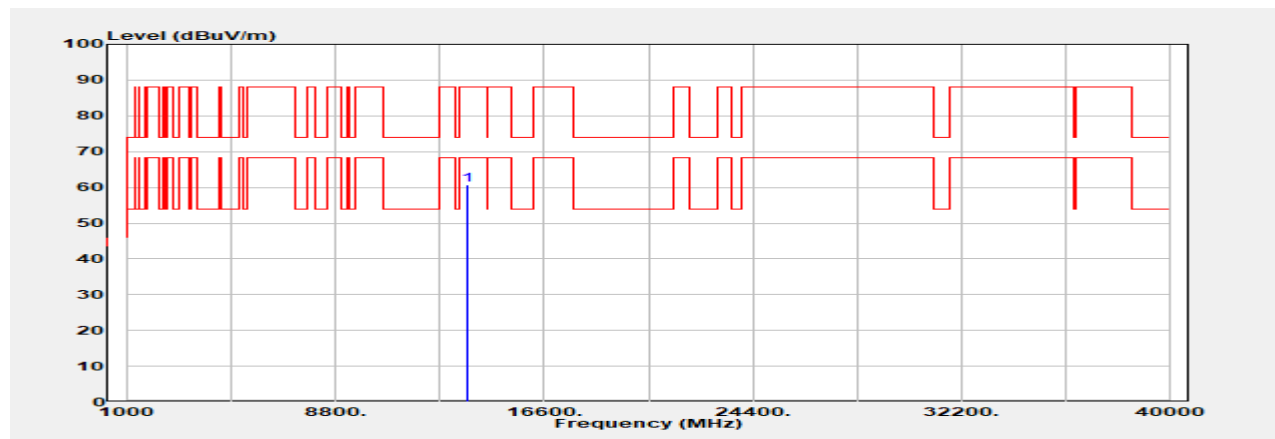
Temp./Humi. :21.5/70

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
13710.000	Peak	49.74	11.05	60.79	88.20	-27.41

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2022-10-17

Test Frequency :5955 MHz

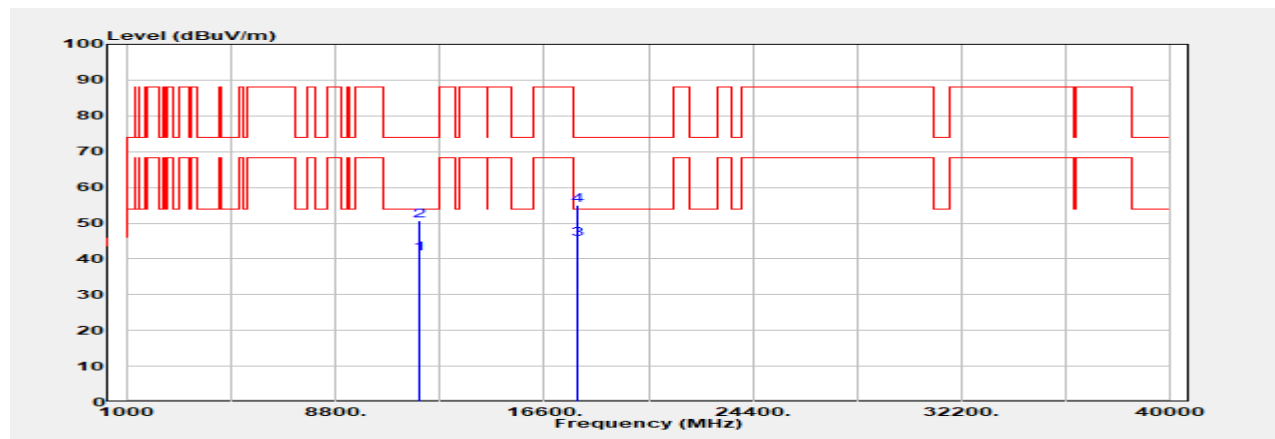
Temp./Humi. :21.5/70

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
11910.000	Average	30.49	10.91	41.40	54.00	-12.60
11910.000	Peak	39.72	10.91	50.62	74.00	-23.38
17865.000	Average	34.07	11.58	45.65	54.00	-8.35
17865.000	Peak	43.57	11.58	55.14	74.00	-18.86

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2022-10-17

Test Frequency :5955 MHz

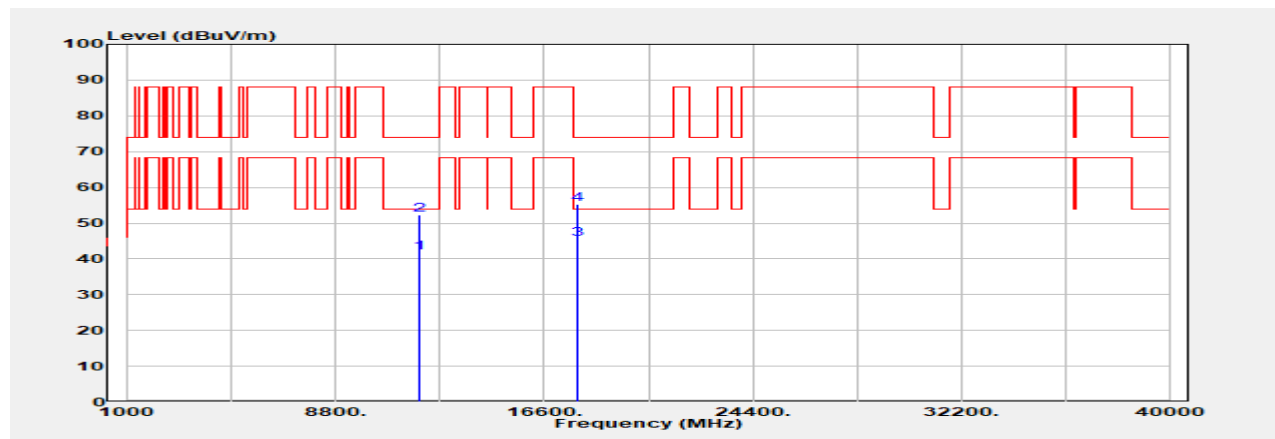
Temp./Humi. :21.5/70

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
11910.000	Average	30.74	10.91	41.65	54.00	-12.35
11910.000	Peak	41.43	10.91	52.34	74.00	-21.66
17865.000	Average	33.88	11.58	45.46	54.00	-8.54
17865.000	Peak	43.60	11.58	55.18	74.00	-18.82

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2022-10-17

Test Frequency :6175 MHz

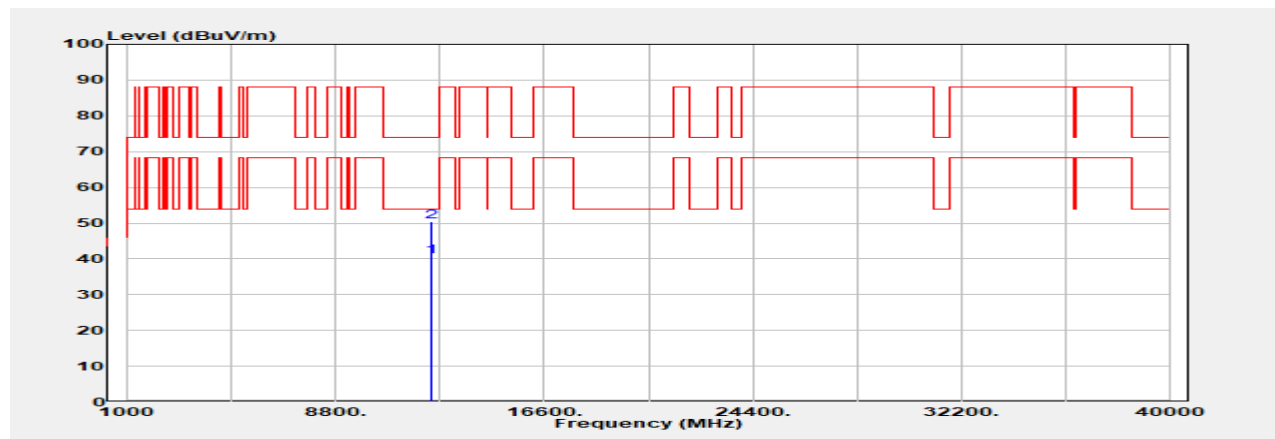
Temp./Humi. :21.5/70

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
12350.000	Average	30.27	10.31	40.57	54.00	-13.43
12350.000	Peak	40.04	10.31	50.35	74.00	-23.65

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Report Number :TERF2208001577E2

Operation Mode :802.11ax20

Test Frequency :6175 MHz

Test Mode :Tx

EUT Pol :E2 Plane

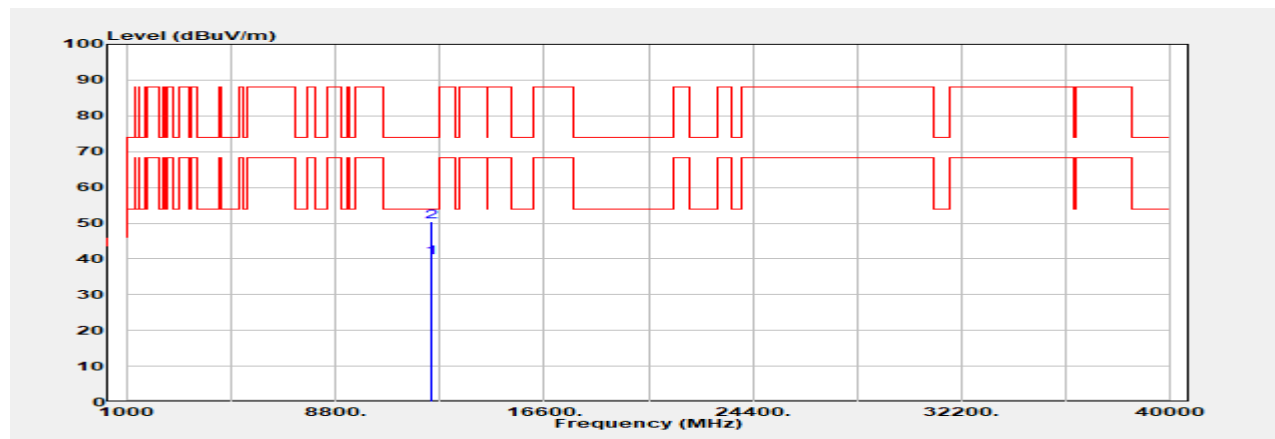
Test Site :SAC G

Test Date :2022-10-17

Temp./Humi. :21.5/70

Antenna Pol. :HORIZONTAL

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
12350.000	Average	30.19	10.31	40.49	54.00	-13.51
12350.000	Peak	40.19	10.31	50.49	74.00	-23.51

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2022-10-17

Test Frequency :6415 MHz

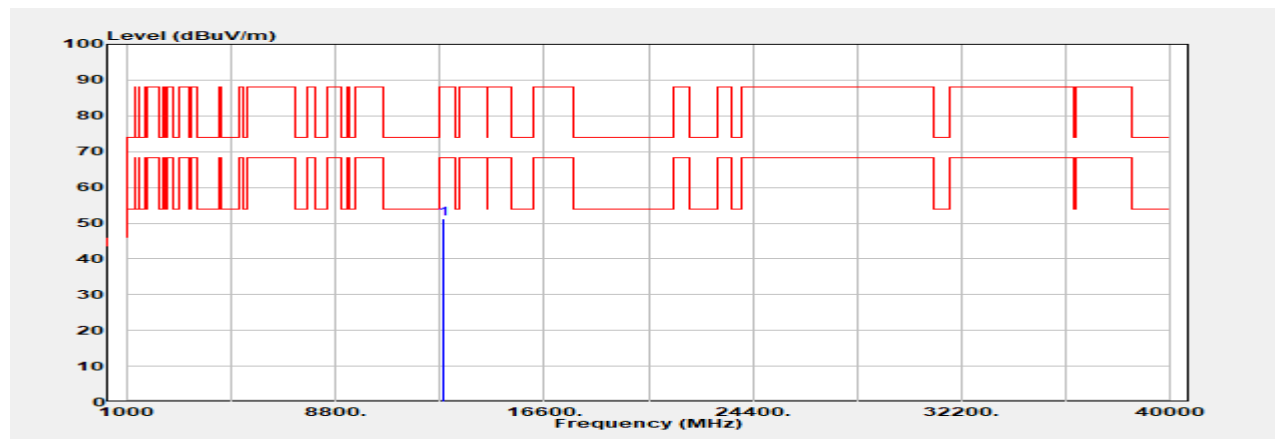
Temp./Humi. :21.5/70

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
12830.000	Peak	40.27	10.99	51.27	88.20	-36.93

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2022-10-17

Test Frequency :6415 MHz

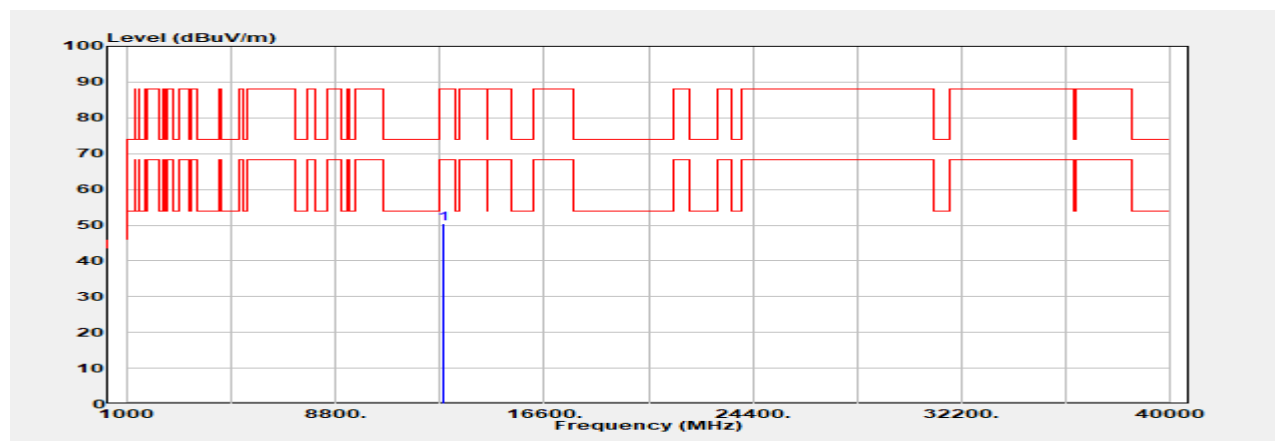
Temp./Humi. :21.5/70

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
12830.000	Peak	39.42	10.99	50.42	88.20	-37.78

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2022-10-17

Test Frequency :6535 MHz

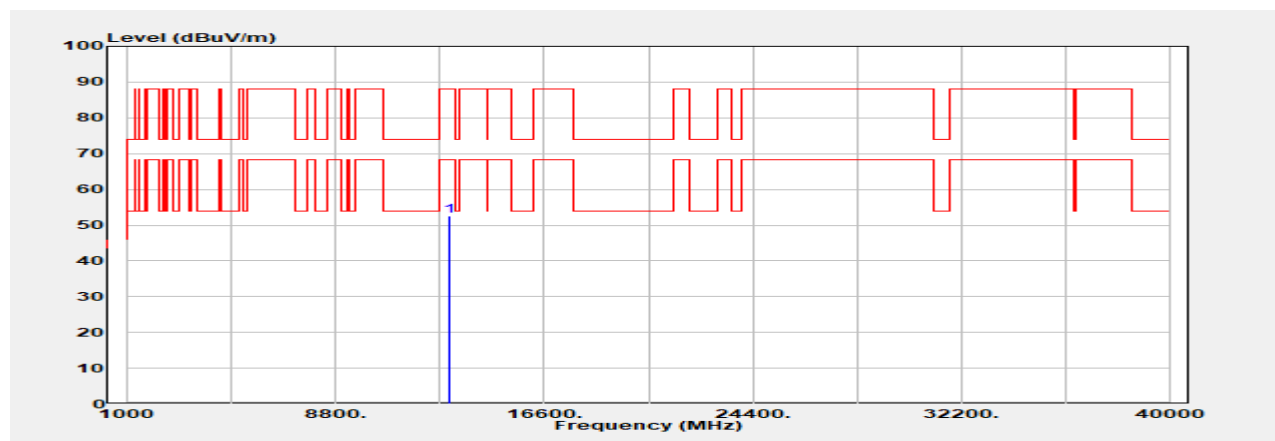
Temp./Humi. :21.5/70

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
13070.000	Peak	42.13	10.45	52.58	88.20	-35.62

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2022-10-17

Test Frequency :6535 MHz

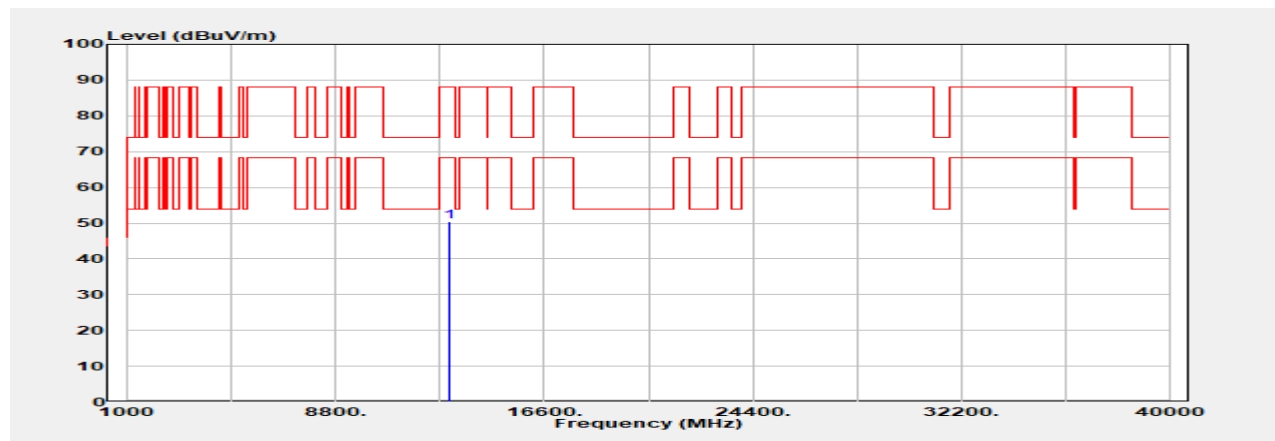
Temp./Humi. :21.5/70

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
13070.000	Peak	39.95	10.45	50.40	88.20	-37.80

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2022-10-17

Test Frequency :6695 MHz

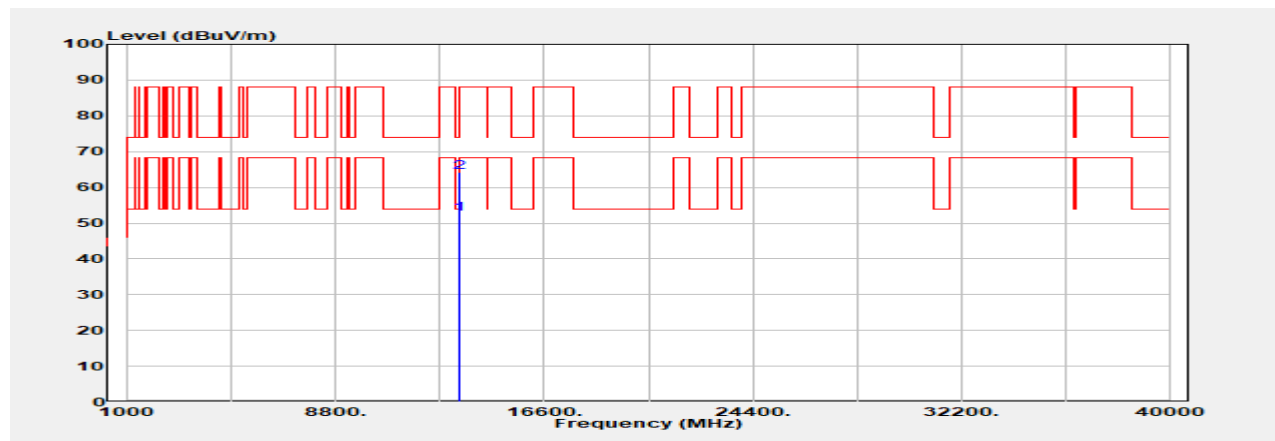
Temp./Humi. :21.5/70

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
13390.000	Average	41.98	10.50	52.48	54.00	-1.52
13390.000	Peak	53.62	10.50	64.12	74.00	-9.88

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Member of SGS Group

Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2022-10-17

Test Frequency :6695 MHz

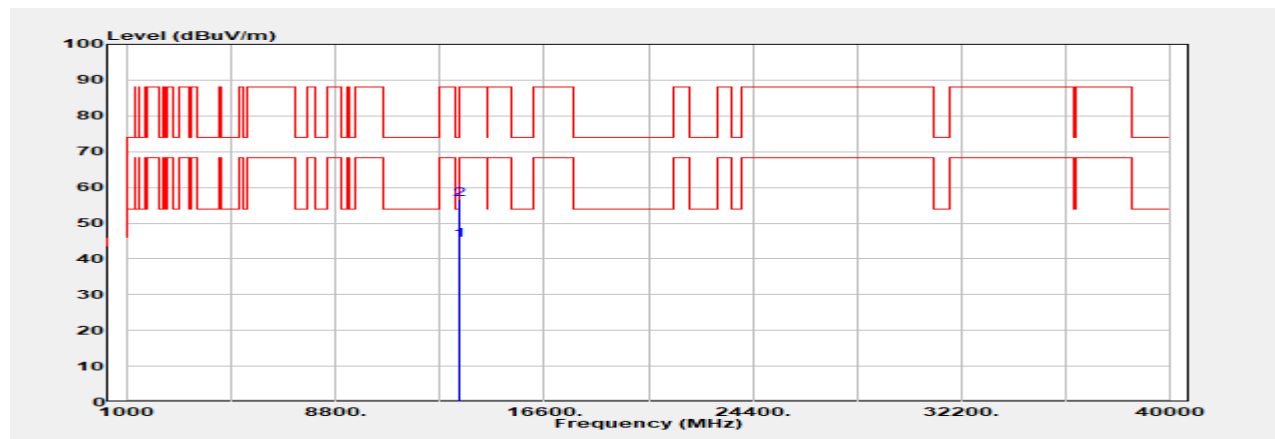
Temp./Humi. :21.5/70

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
13390.000	Average	34.67	10.50	45.17	54.00	-8.83
13390.000	Peak	46.11	10.50	56.61	74.00	-17.39

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Member of SGS Group

Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2022-10-17

Test Frequency :6855 MHz

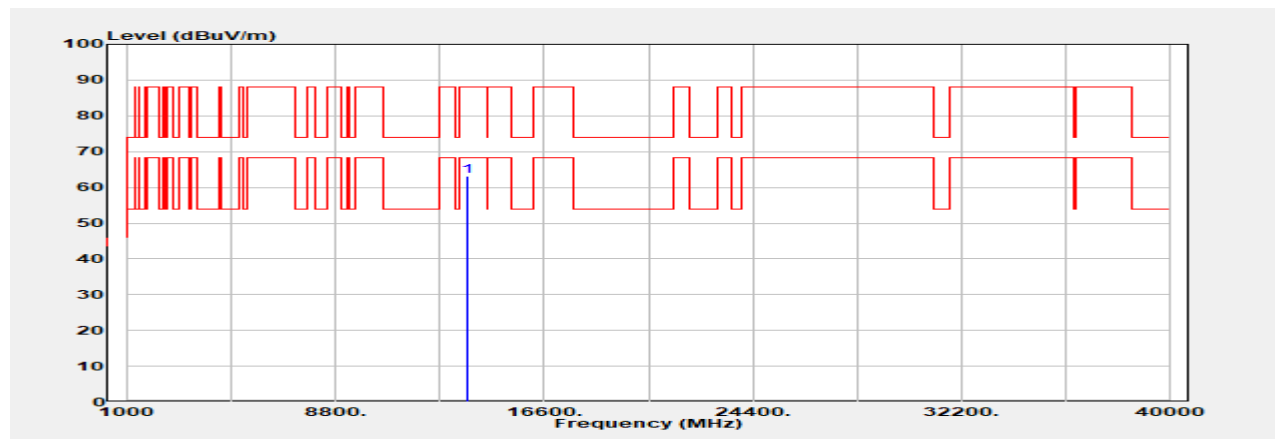
Temp./Humi. :21.5/70

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
13710.000	Peak	52.09	11.05	63.15	88.20	-25.05

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2022-10-17

Test Frequency :6855 MHz

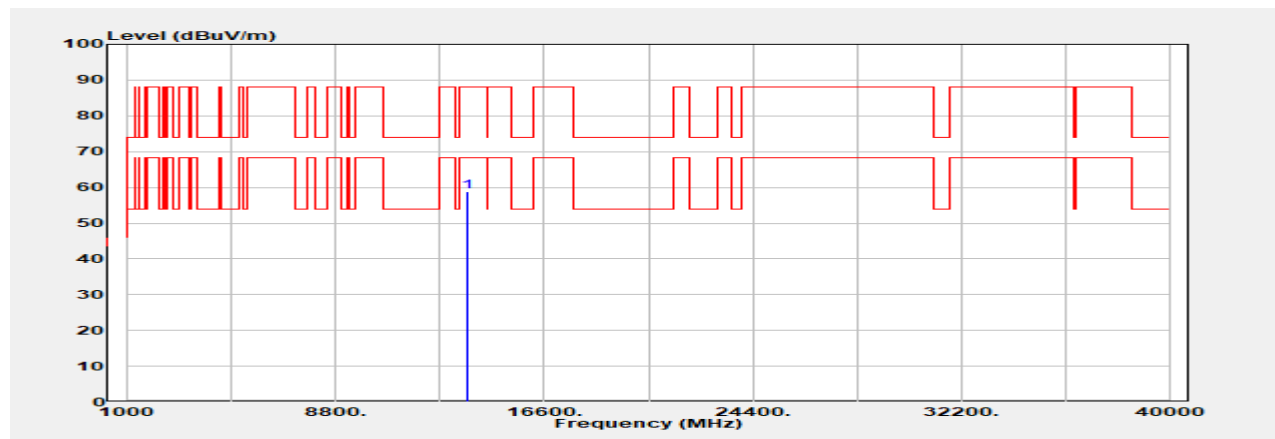
Temp./Humi. :21.5/70

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
13710.000	Peak	47.76	11.05	58.81	88.20	-29.39

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Member of SGS Group

Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2022-10-17

Test Frequency :6875 MHz

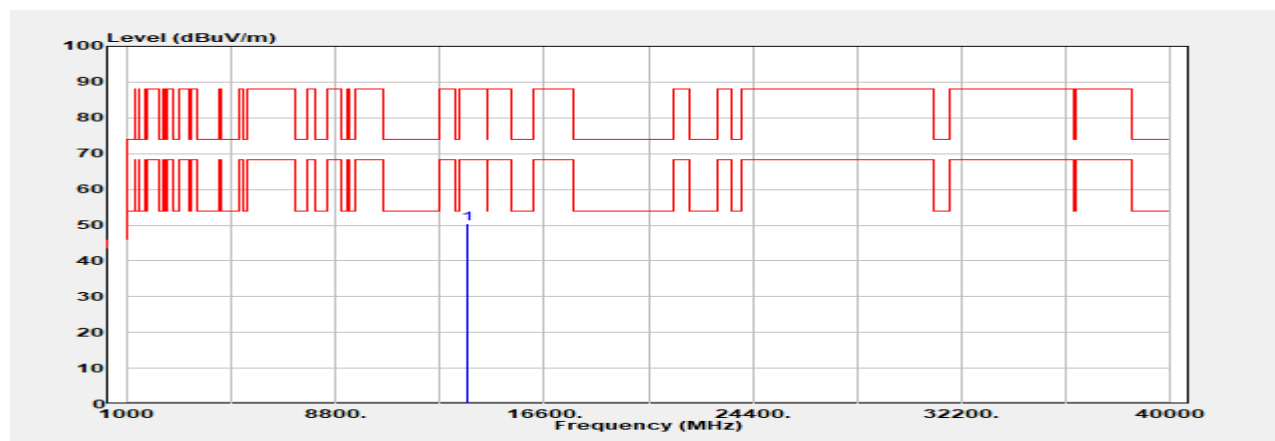
Temp./Humi. :21.5/70

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
13750.000	Peak	40.00	10.31	50.31	88.20	-37.89

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2022-10-17

Test Frequency :6875 MHz

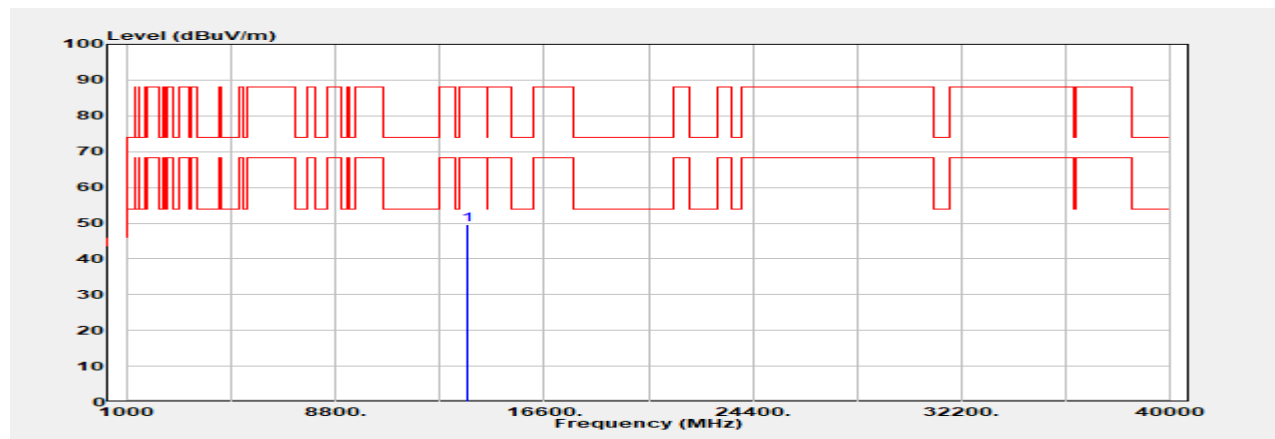
Temp./Humi. :21.5/70

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
13750.000	Peak	39.33	10.31	49.64	88.20	-38.56

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Member of SGS Group

Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2022-10-17

Test Frequency :6995 MHz

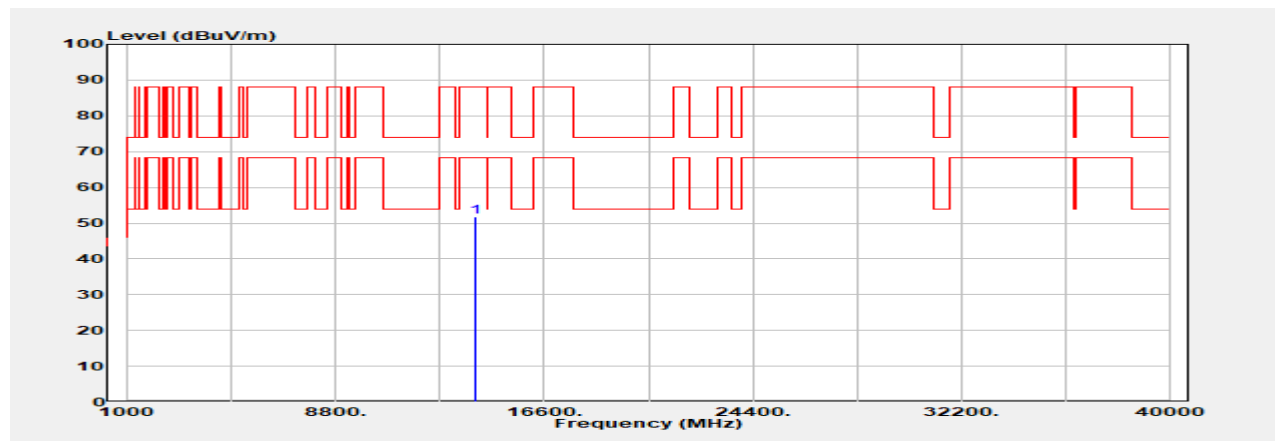
Temp./Humi. :21.5/70

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
13990.000	Peak	40.45	11.32	51.77	88.20	-36.43

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2022-10-17

Test Frequency :6995 MHz

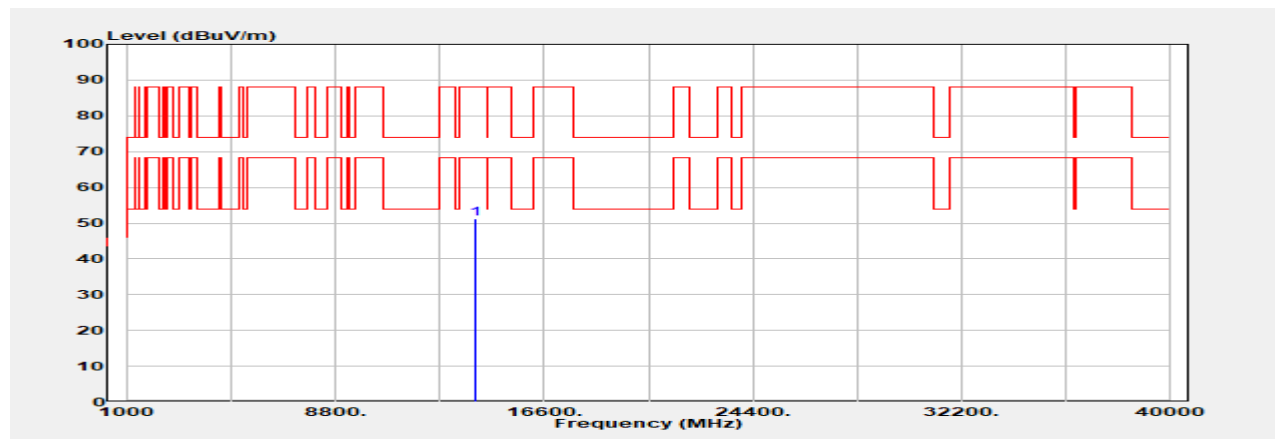
Temp./Humi. :21.5/70

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
13990.000	Peak	39.98	11.32	51.31	88.20	-36.89

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2022-10-17

Test Frequency :7095 MHz

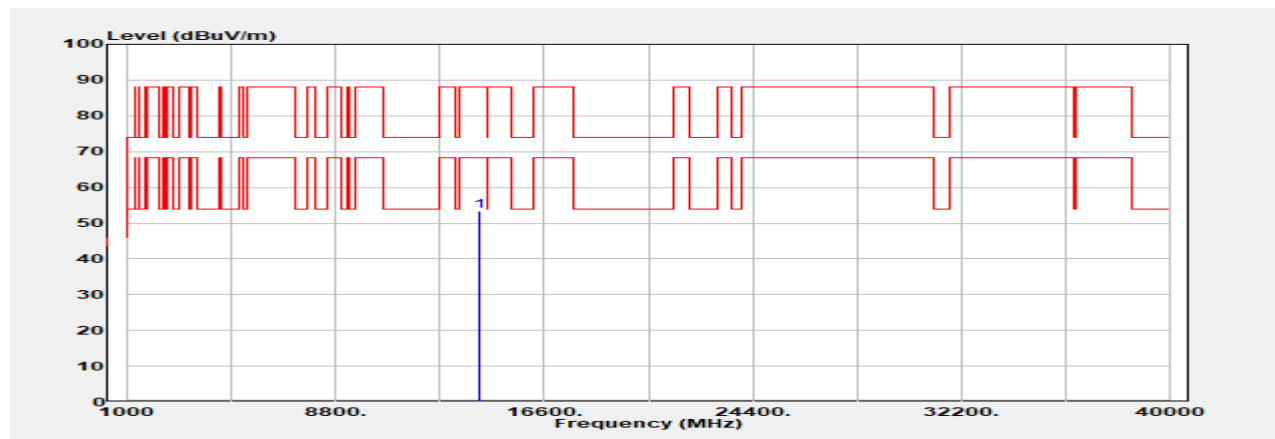
Temp./Humi. :21.5/70

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
14190.000	Peak	41.41	11.92	53.33	88.20	-34.87

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Test Date :2022-10-17

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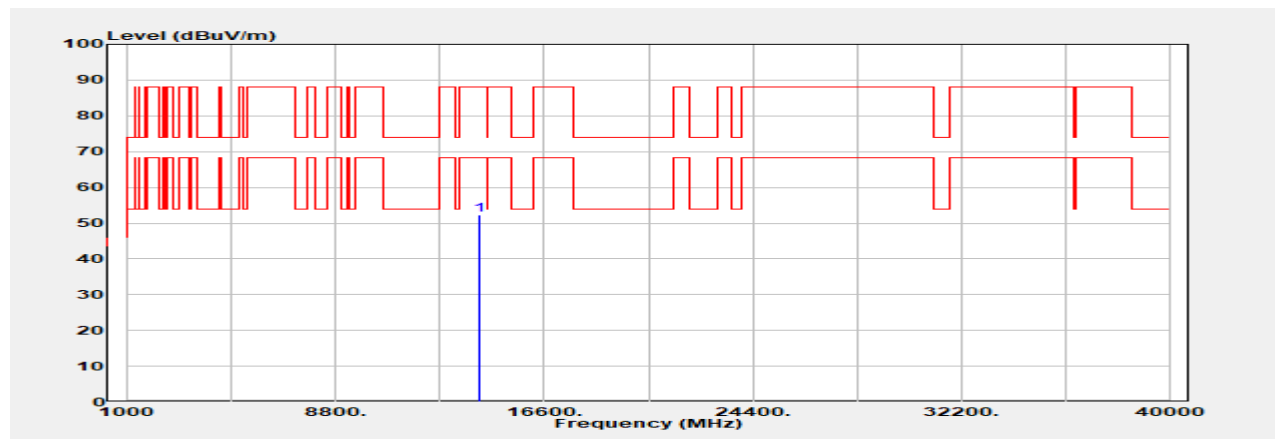
Temp./Humi. :21.5/70

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
14190.000	Peak	40.39	11.92	52.31	88.20	-35.89

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2022-10-17

Test Frequency :5965 MHz

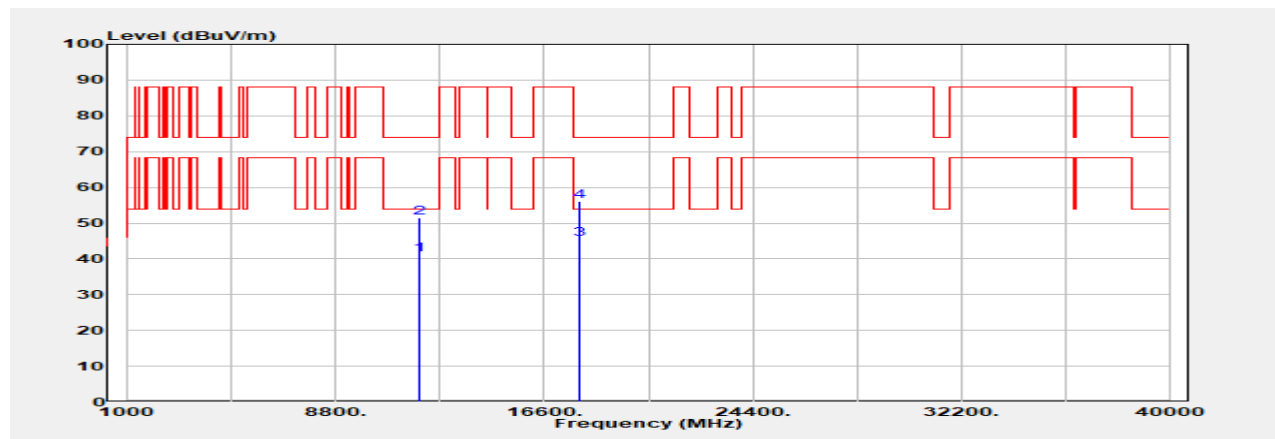
Temp./Humi. :21.5/70

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
11930.000	Average	30.35	10.96	41.31	54.00	-12.69
11930.000	Peak	40.52	10.96	51.48	74.00	-22.52
17895.000	Average	33.67	11.91	45.58	54.00	-8.42
17895.000	Peak	44.30	11.91	56.20	74.00	-17.80

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2022-10-17

Test Frequency :5965 MHz

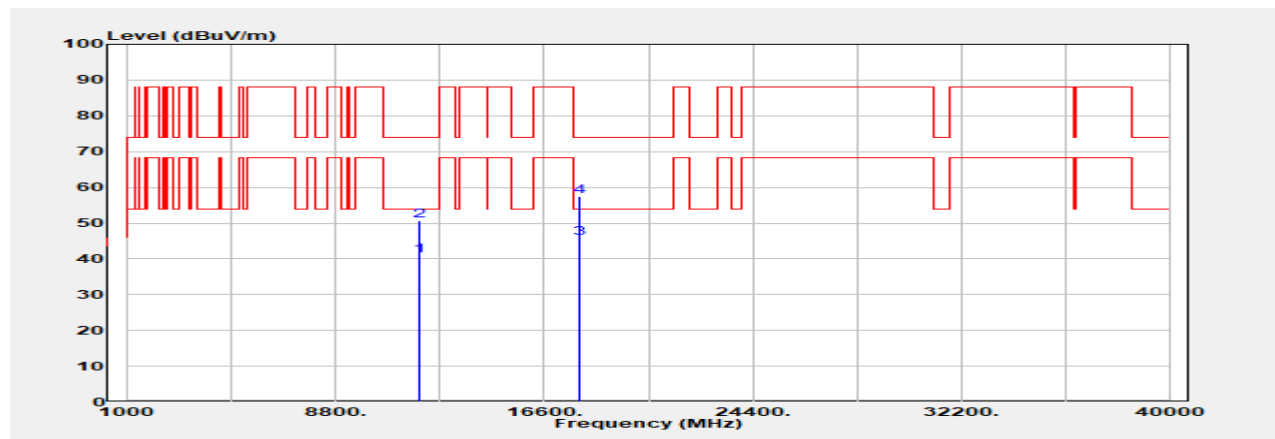
Temp./Humi. :21.5/70

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
11930.000	Average	30.08	10.96	41.04	54.00	-12.96
11930.000	Peak	39.69	10.96	50.65	74.00	-23.35
17895.000	Average	33.77	11.91	45.67	54.00	-8.33
17895.000	Peak	45.65	11.91	57.55	74.00	-16.45

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Member of SGS Group

Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2022-10-17

Test Frequency :6165 MHz

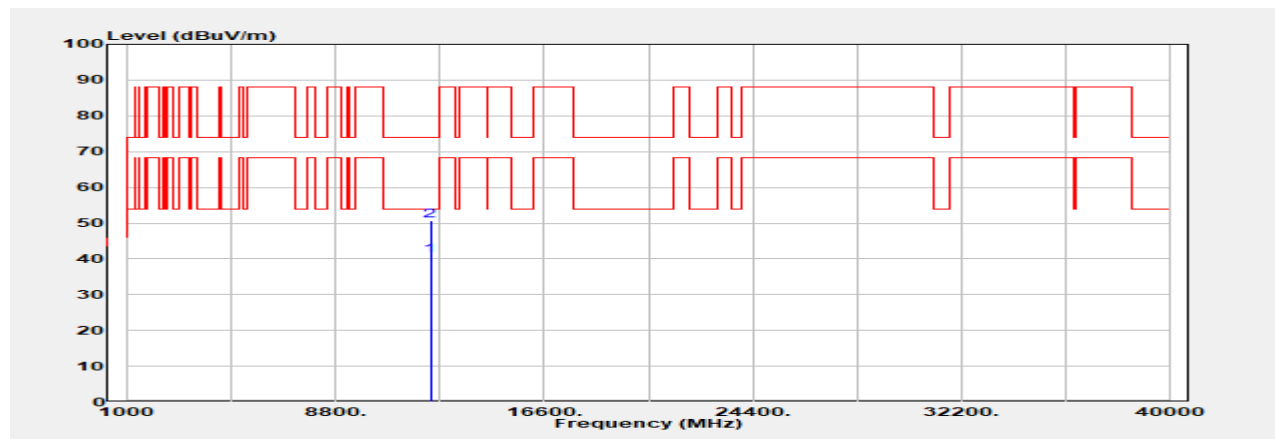
Temp./Humi. :21.5/70

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
12330.000	Average	30.56	10.28	40.84	54.00	-13.16
12330.000	Peak	40.33	10.28	50.60	74.00	-23.40

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Member of SGS Group

Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2022-10-17

Test Frequency :6165 MHz

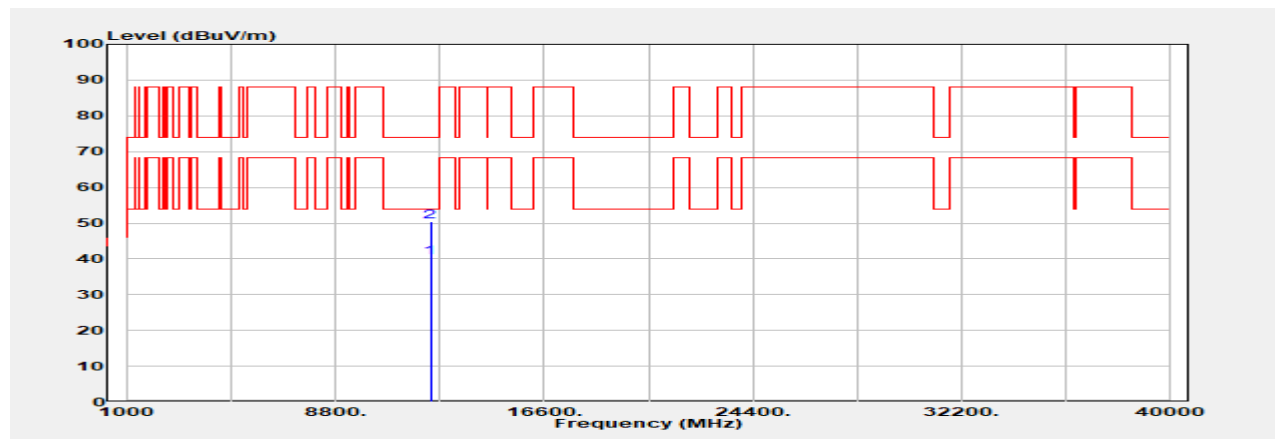
Temp./Humi. :21.5/70

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
12330.000	Average	30.14	10.28	40.42	54.00	-13.58
12330.000	Peak	40.11	10.28	50.39	74.00	-23.61

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2022-10-17

Test Frequency :6405 MHz

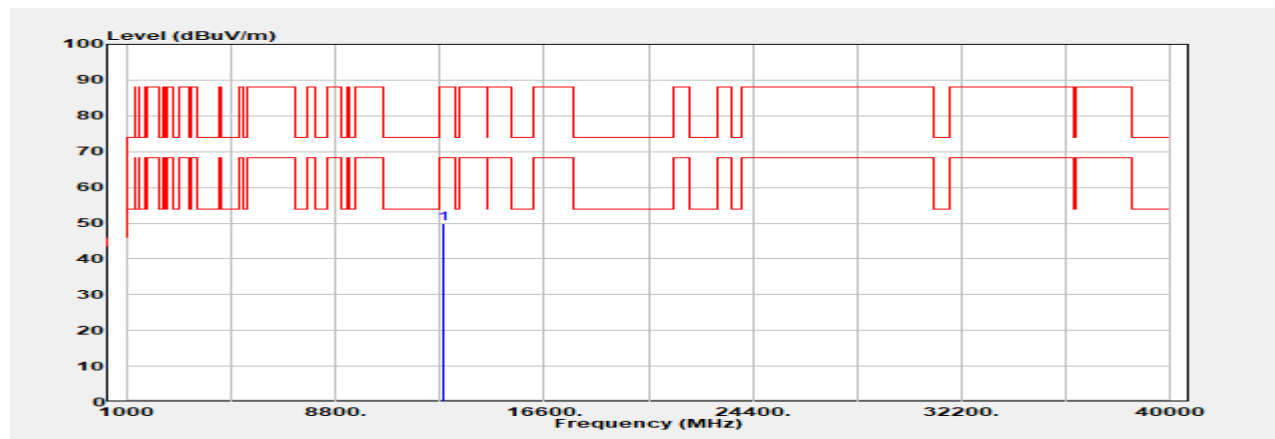
Temp./Humi. :21.5/70

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
12810.000	Peak	39.12	10.80	49.92	88.20	-38.28

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Member of SGS Group

Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2022-10-17

Test Frequency :6405 MHz

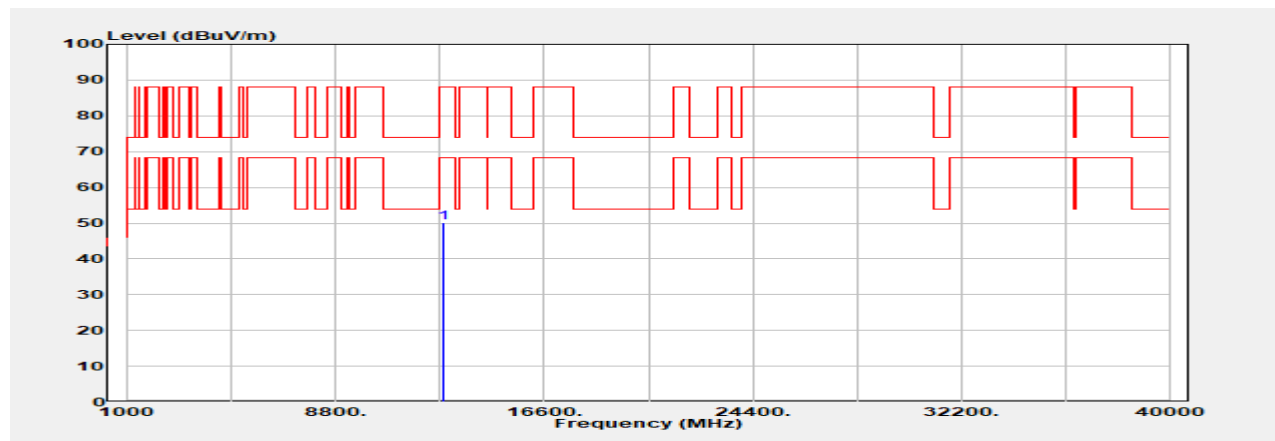
Temp./Humi. :21.5/70

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
12810.000	Peak	39.42	10.80	50.22	88.20	-37.98

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2022-10-17

Test Frequency :6445 MHz

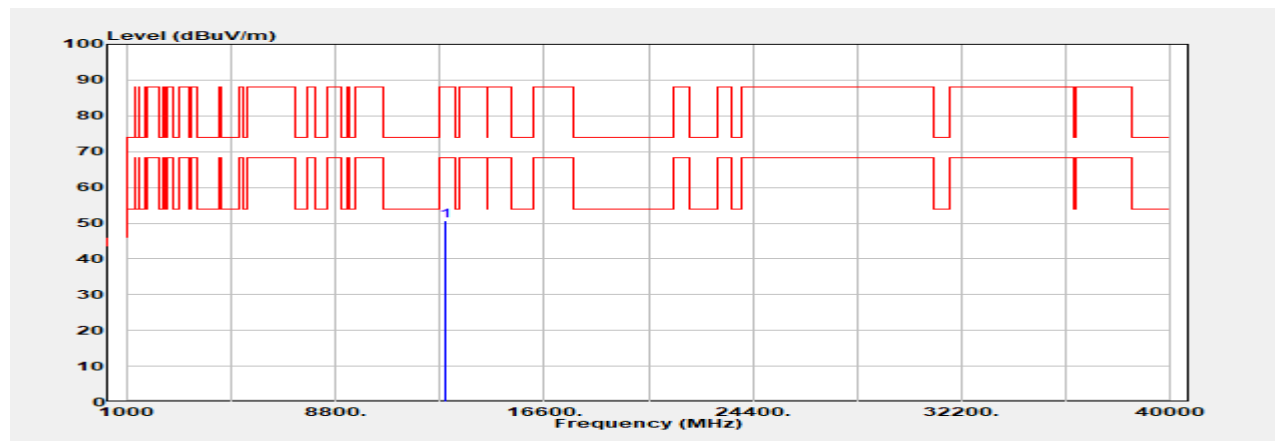
Temp./Humi. :21.5/70

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
12890.000	Peak	39.53	11.03	50.56	88.20	-37.64

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2022-10-17

Test Frequency :6445 MHz

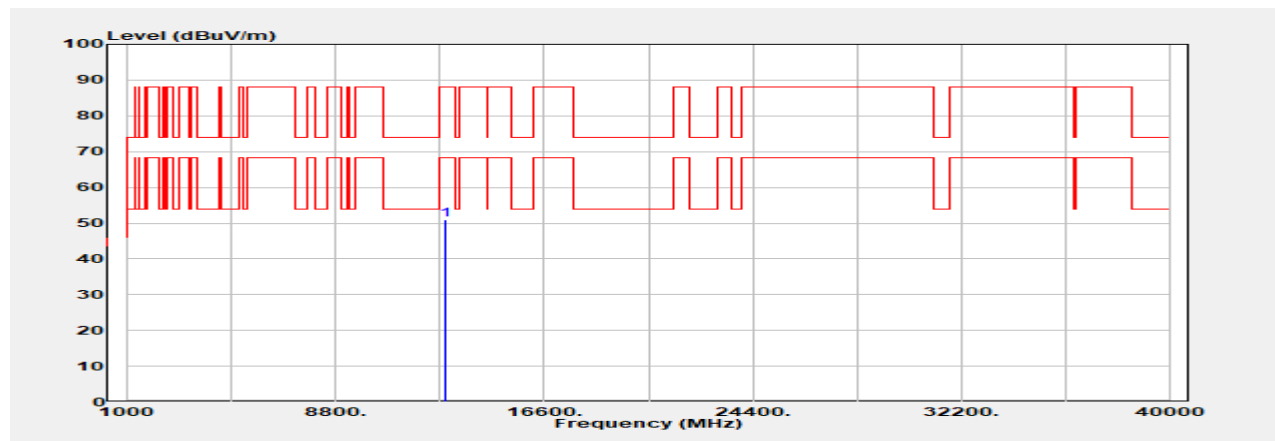
Temp./Humi. :21.5/70

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
12890.000	Peak	39.96	11.03	50.99	88.20	-37.21

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Member of SGS Group

Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2022-10-17

Test Frequency :6485 MHz

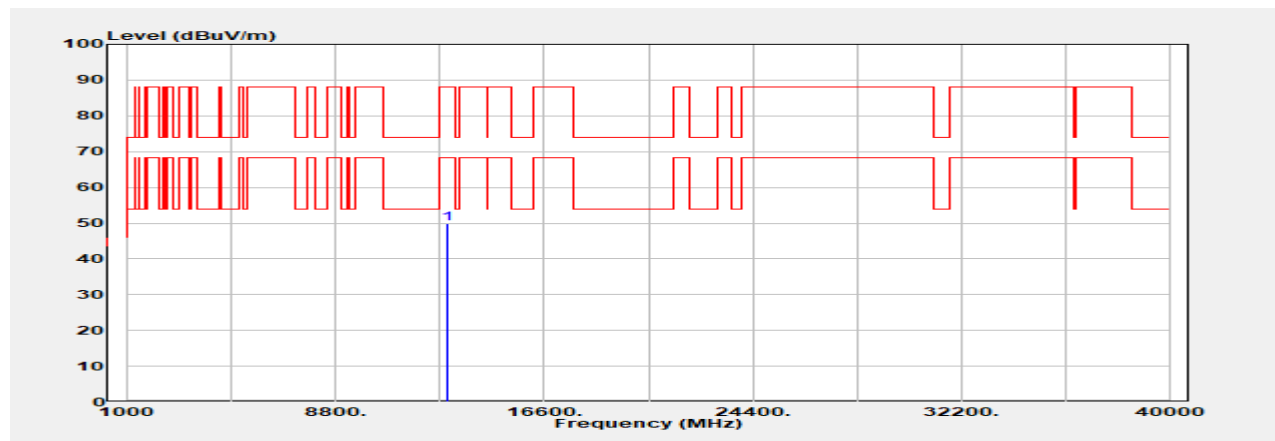
Temp./Humi. :21.5/70

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
12970.000	Peak	39.02	10.87	49.89	88.20	-38.31

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2022-10-17

Test Frequency :6485 MHz

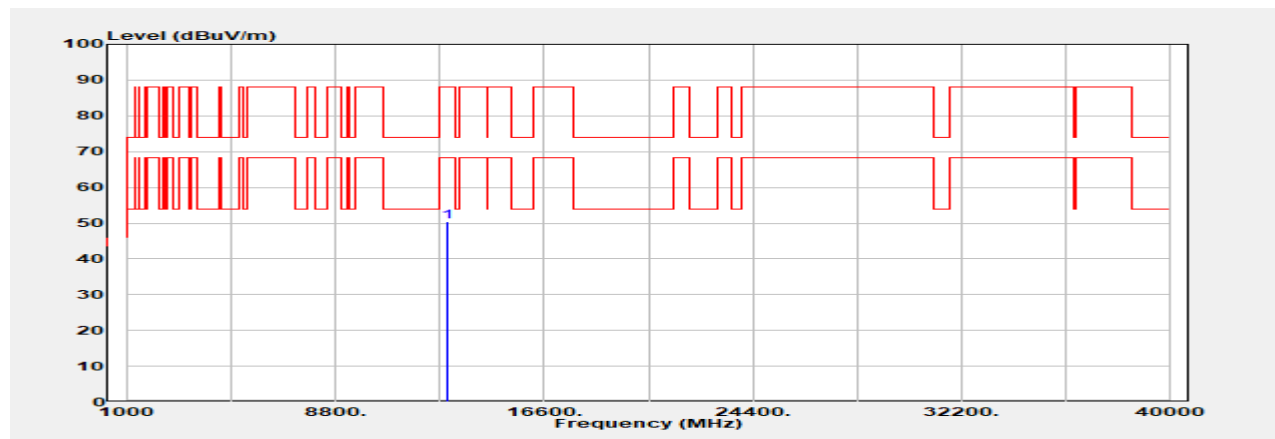
Temp./Humi. :21.5/70

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
12970.000	Peak	39.46	10.87	50.33	88.20	-37.87

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2022-10-17

Test Frequency :6525 MHz

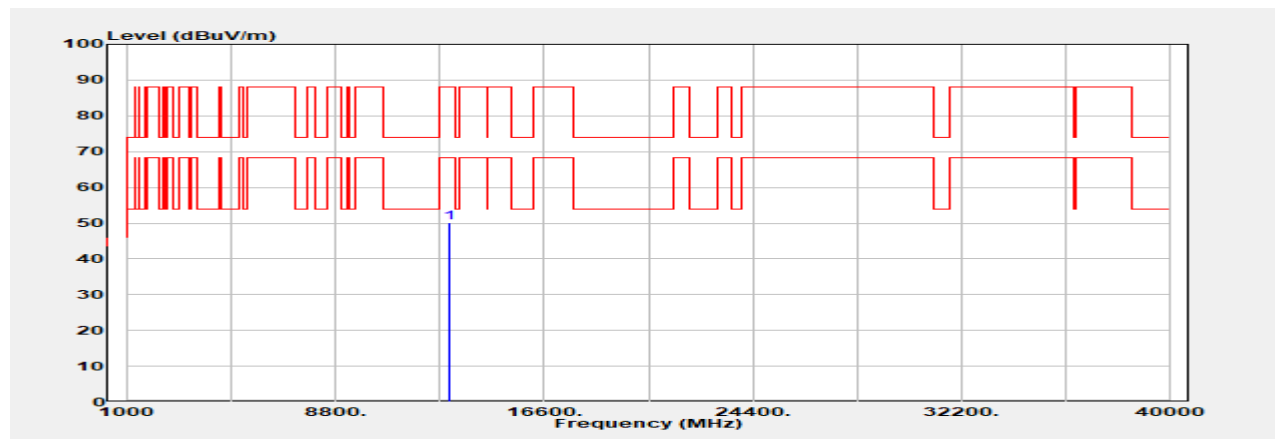
Temp./Humi. :21.5/70

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
13050.000	Peak	39.43	10.60	50.03	88.20	-38.17

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2022-10-17

Test Frequency :6525 MHz

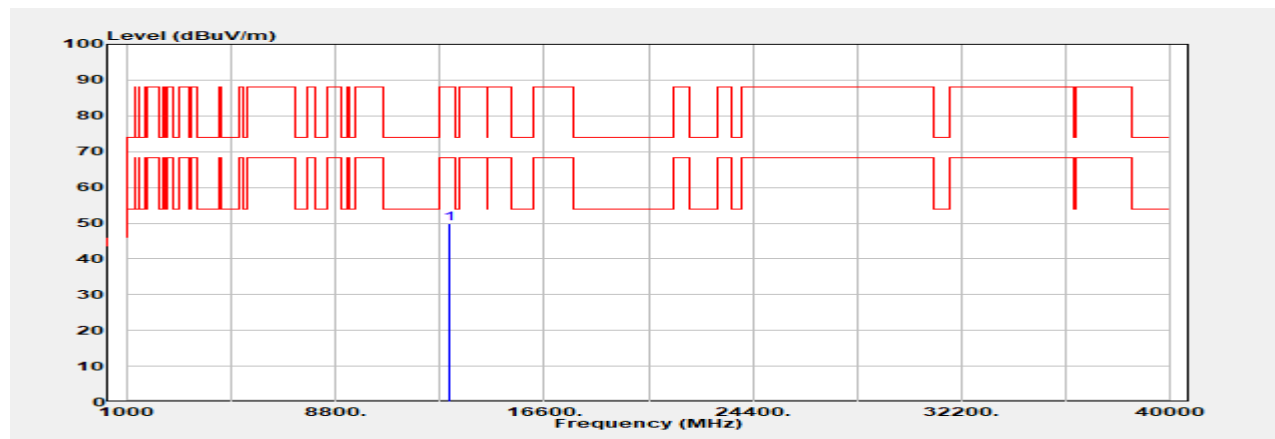
Temp./Humi. :21.5/70

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
13050.000	Peak	39.15	10.60	49.75	88.20	-38.45

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2022-10-17

Test Frequency :6565 MHz

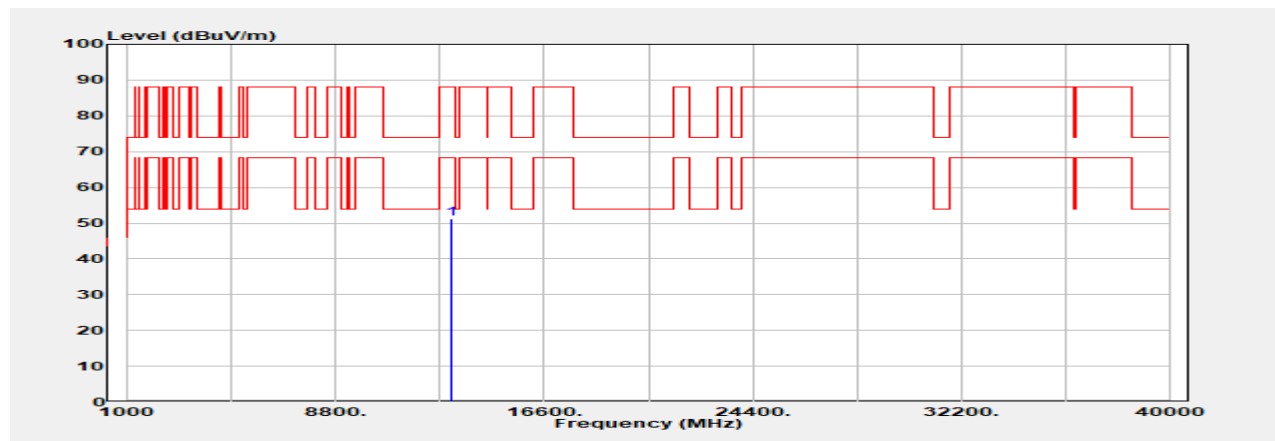
Temp./Humi. :21.5/70

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
13130.000	Peak	41.04	10.17	51.21	88.20	-36.99

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Member of SGS Group

Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2022-10-17

Test Frequency :6565 MHz

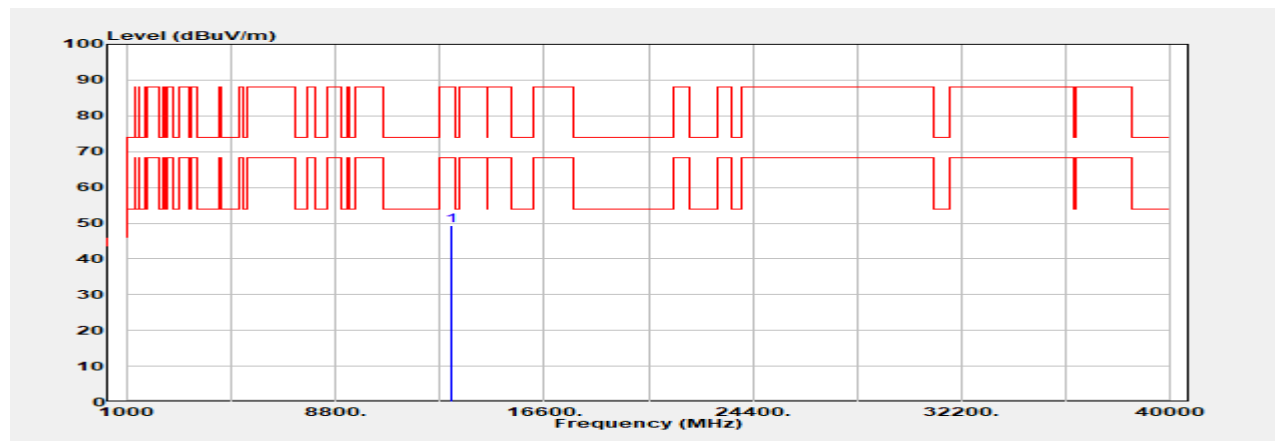
Temp./Humi. :21.5/70

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
13130.000	Peak	39.26	10.17	49.43	88.20	-38.77

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2022-10-17

Test Frequency :6725 MHz

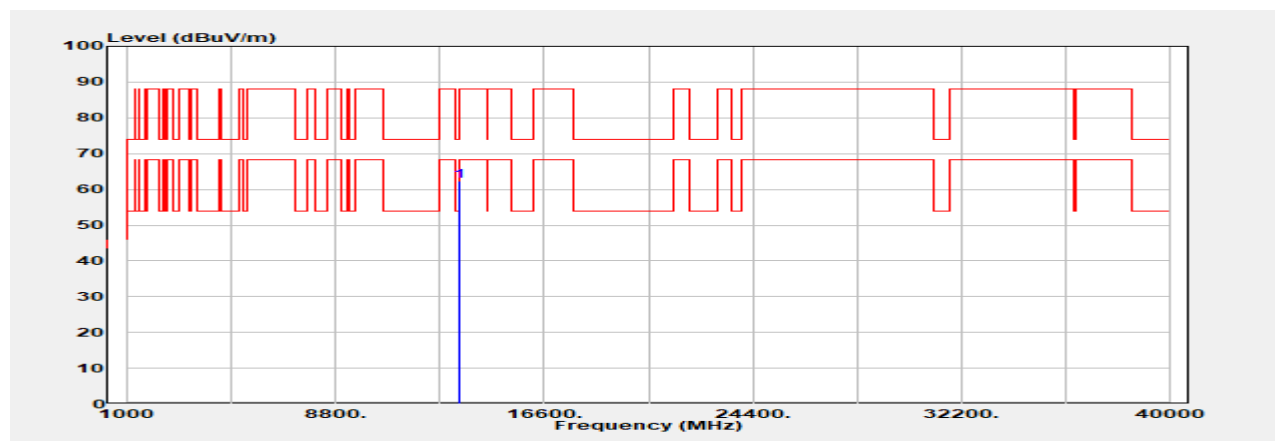
Temp./Humi. :21.5/70

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
13450.000	Peak	51.11	11.10	62.21	88.20	-25.99

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Report Number :TERF2208001577E2

Operation Mode :802.11ax40

Test Frequency :6725 MHz

Test Mode :Tx

EUT Pol :E2 Plane

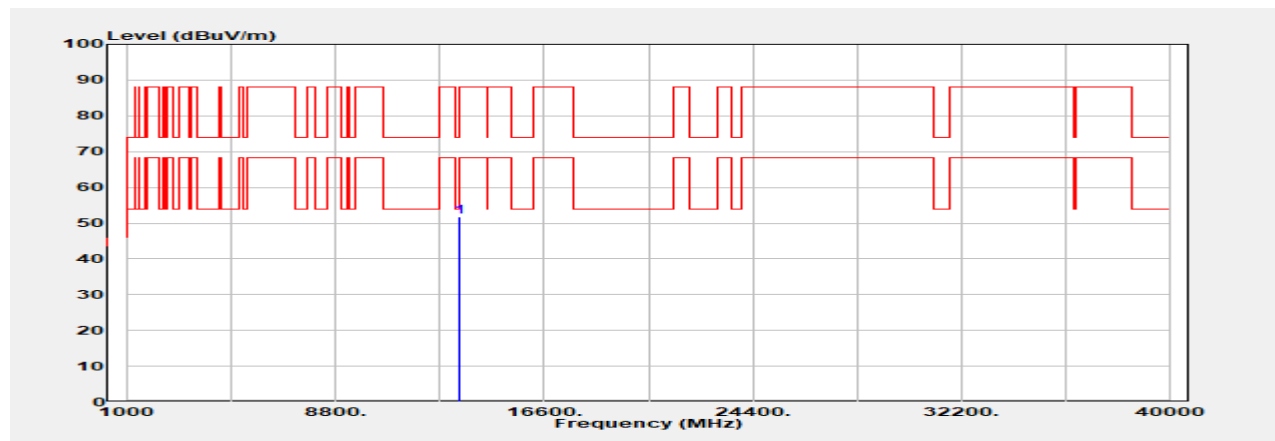
Test Site :SAC G

Test Date :2022-10-17

Temp./Humi. :21.5/70

Antenna Pol. :HORIZONTAL

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
13450.000	Peak	40.78	11.10	51.88	88.20	-36.32

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Member of SGS Group

Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2022-10-17

Test Frequency :6845 MHz

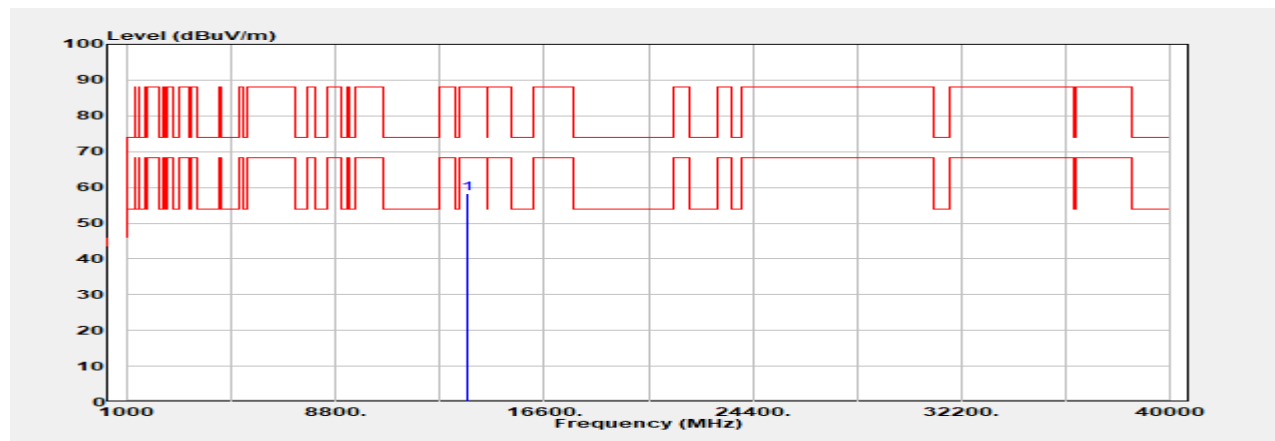
Temp./Humi. :21.5/70

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
13690.000	Peak	47.02	11.18	58.20	88.20	-30.00

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2022-10-17

Test Frequency :6845 MHz

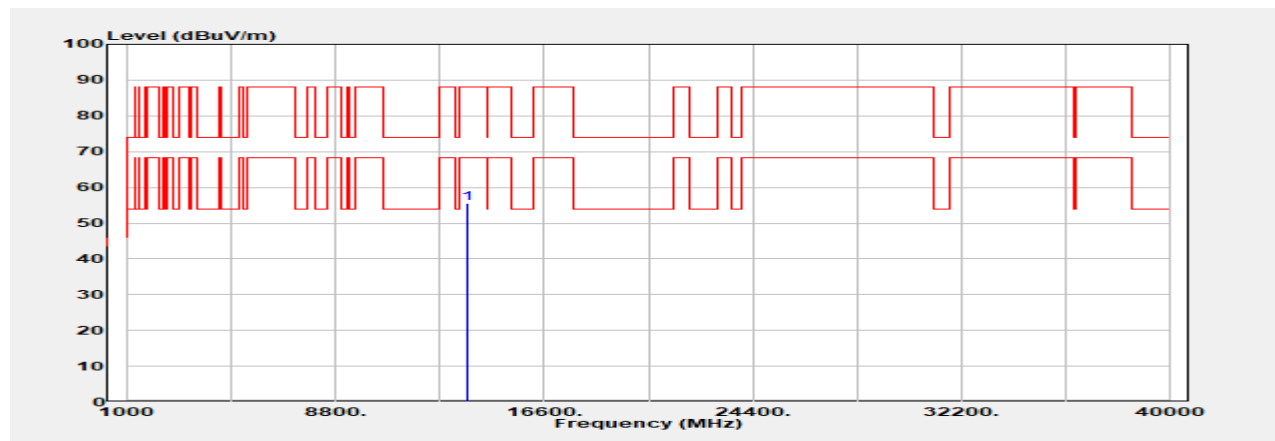
Temp./Humi. :21.5/70

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
13690.000	Peak	44.48	11.18	55.67	88.20	-32.53

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Member of SGS Group

Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2022-10-17

Test Frequency :6885 MHz

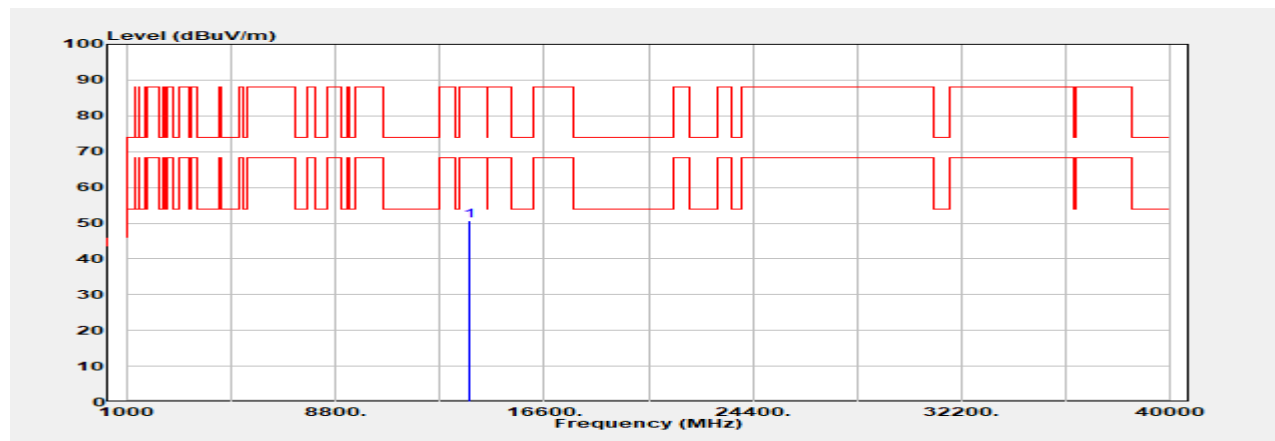
Temp./Humi. :21.5/70

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
13770.000	Peak	40.28	10.34	50.62	88.20	-37.58

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Member of SGS Group

Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2022-10-17

Test Frequency :6885 MHz

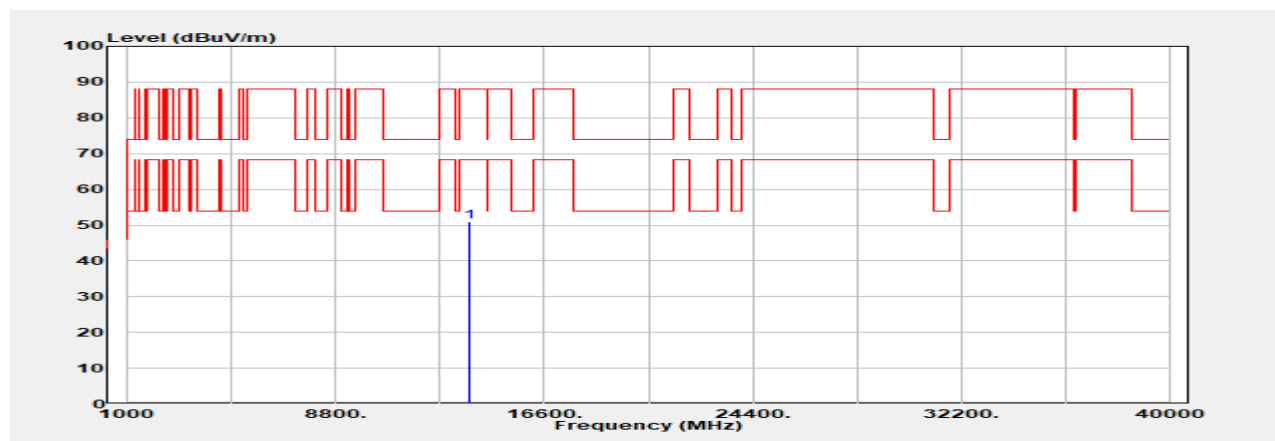
Temp./Humi. :21.5/70

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
13770.000	Peak	40.70	10.34	51.04	88.20	-37.16

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Member of SGS Group

Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2022-10-17

Test Frequency :7005 MHz

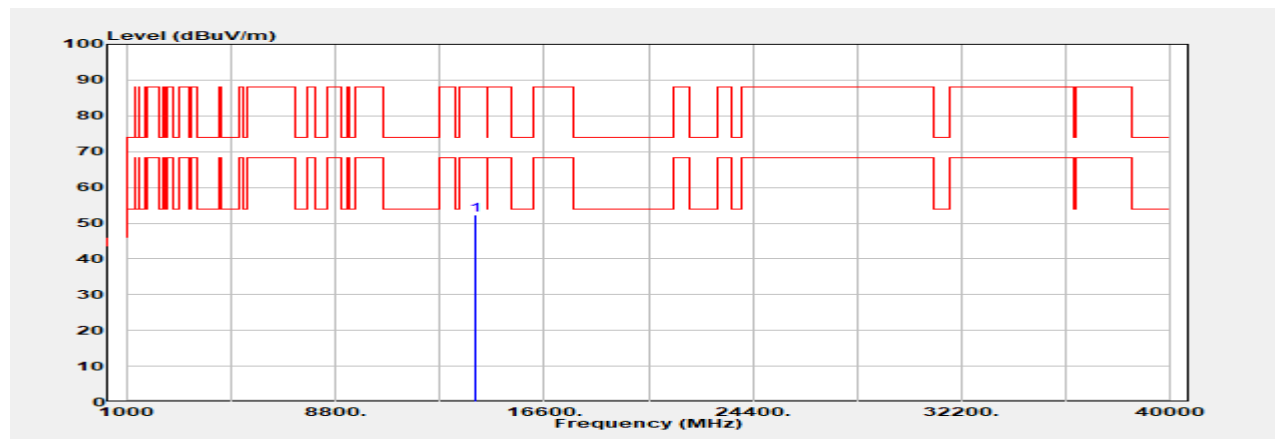
Temp./Humi. :21.5/70

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
14010.000	Peak	40.93	11.43	52.36	88.20	-35.84

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Member of SGS Group

Report Number :TERF2208001577E2

Operation Mode :802.11ax40

Test Frequency :7005 MHz

Test Mode :Tx

EUT Pol :E2 Plane

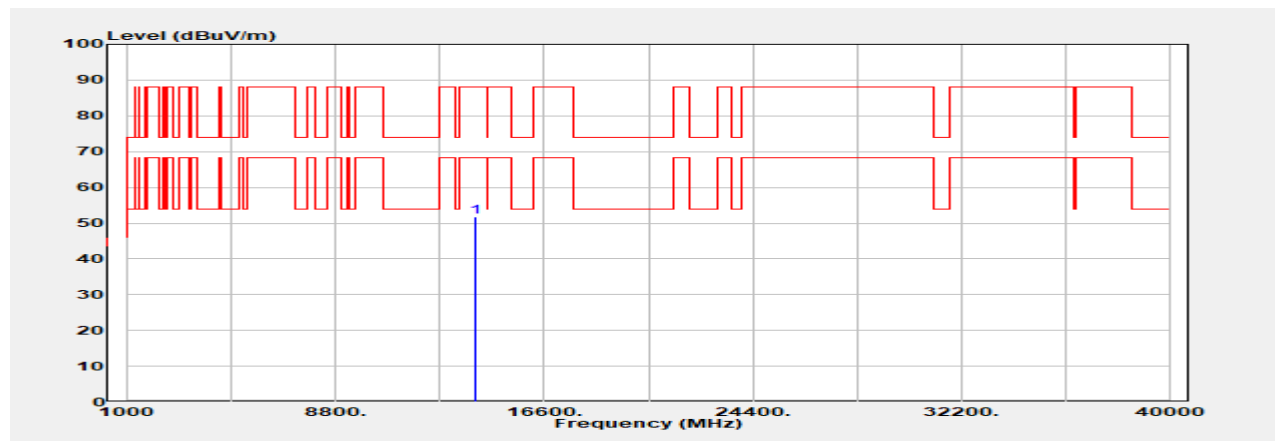
Test Site :SAC G

Test Date :2022-10-17

Temp./Humi. :21.5/70

Antenna Pol. :HORIZONTAL

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
14010.000	Peak	40.42	11.43	51.84	88.20	-36.36

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Member of SGS Group

Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2022-10-17

Test Frequency :7085 MHz

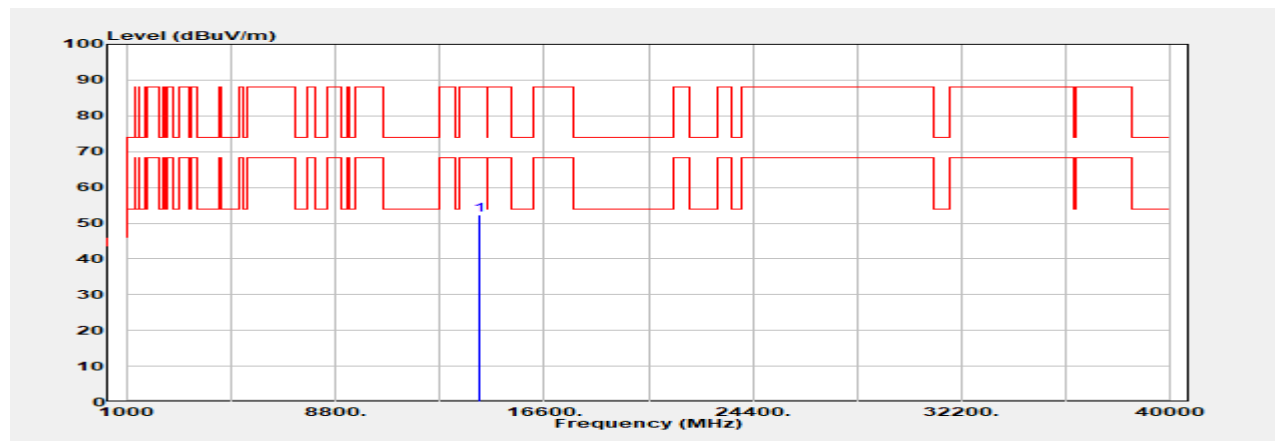
Temp./Humi. :21.5/70

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
14170.000	Peak	40.44	11.81	52.25	88.20	-35.95

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Member of SGS Group

Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2022-10-17

Test Frequency :7085 MHz

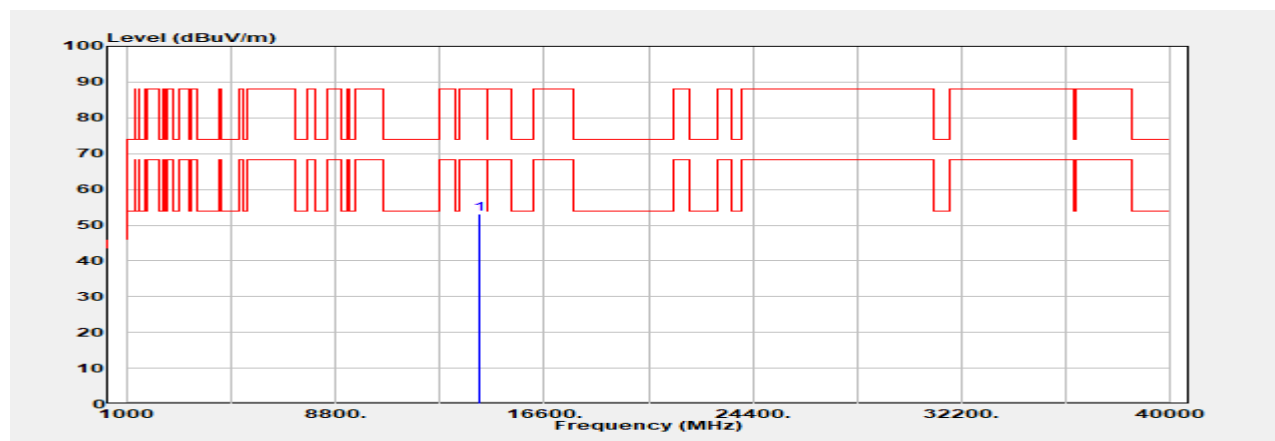
Temp./Humi. :21.5/70

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
14170.000	Peak	41.22	11.81	53.03	88.20	-35.17

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Member of SGS Group

Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2022-10-17

Test Frequency :5985 MHz

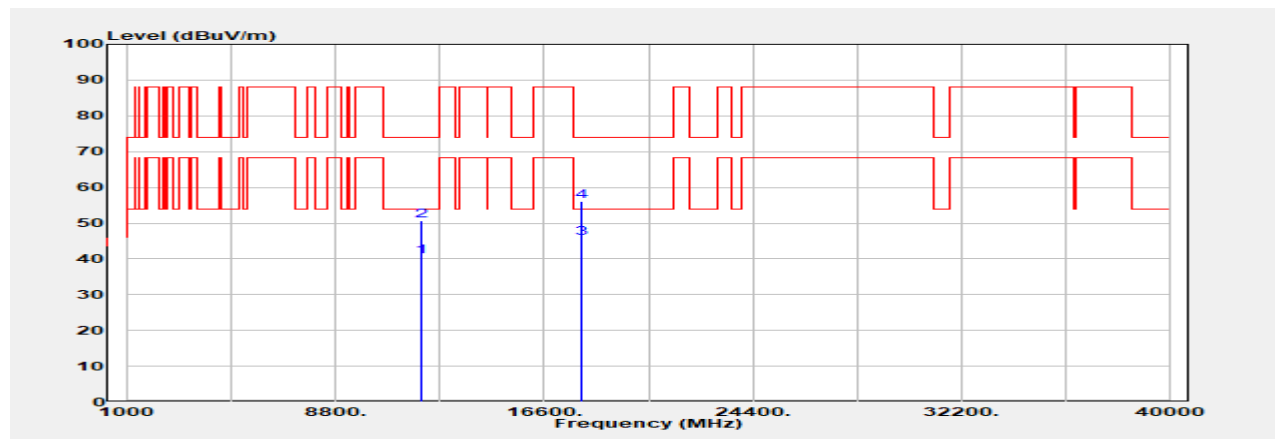
Temp./Humi. :21.5/70

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
11970.000	Average	29.42	11.18	40.61	54.00	-13.39
11970.000	Peak	39.39	11.18	50.57	74.00	-23.43
17955.000	Average	33.58	12.09	45.67	54.00	-8.33
17955.000	Peak	44.10	12.09	56.19	74.00	-17.81

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Test Date :2022-10-17

Test Frequency :5985 MHz

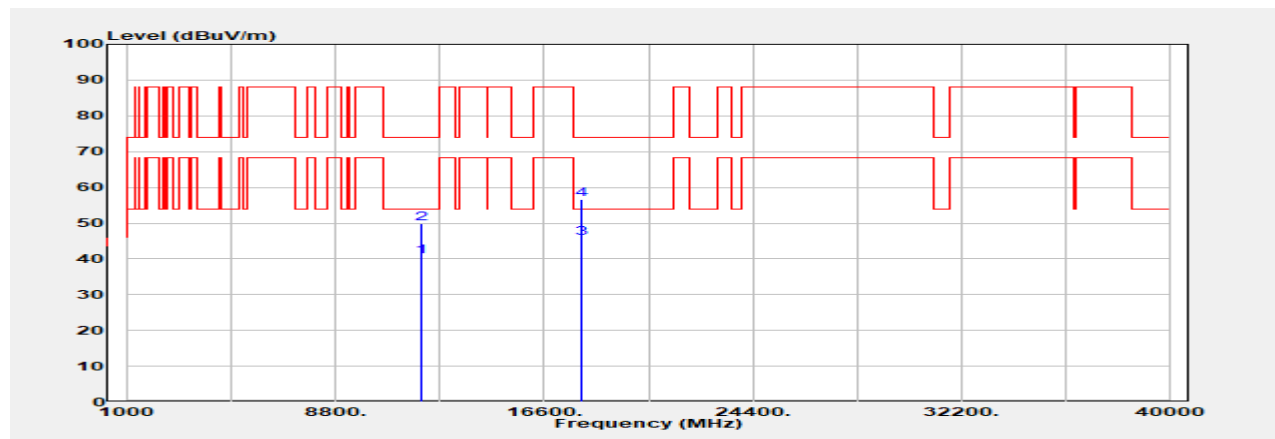
Temp./Humi. :21.5/70

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
11970.000	Average	29.41	11.18	40.59	54.00	-13.41
11970.000	Peak	38.77	11.18	49.95	74.00	-24.05
17955.000	Average	33.73	12.09	45.81	54.00	-8.19
17955.000	Peak	44.51	12.09	56.60	74.00	-17.40

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2022-10-17

Test Frequency :6145 MHz

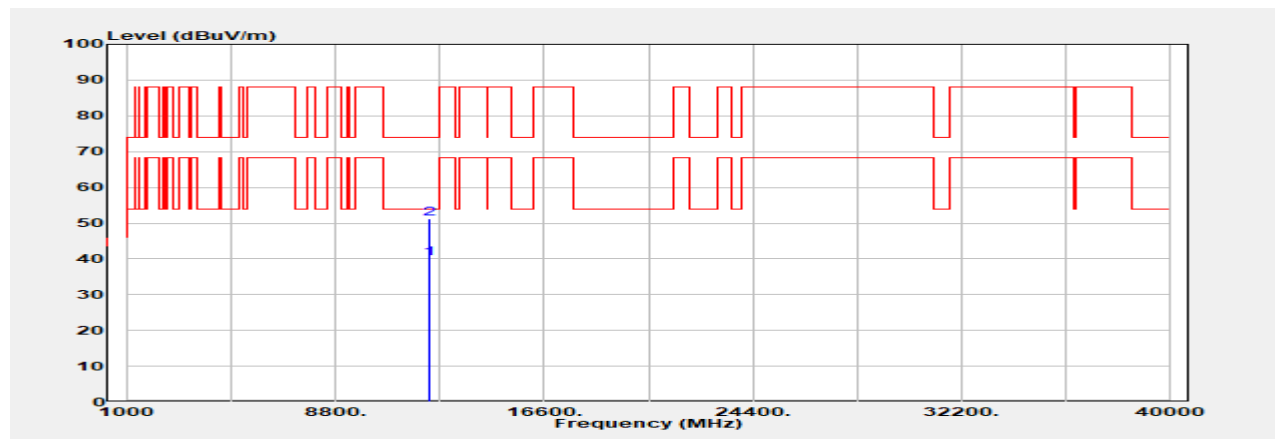
Temp./Humi. :21.5/70

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
12290.000	Average	29.75	10.31	40.06	54.00	-13.94
12290.000	Peak	41.00	10.31	51.31	74.00	-22.69

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2022-10-17

Test Frequency :6145 MHz

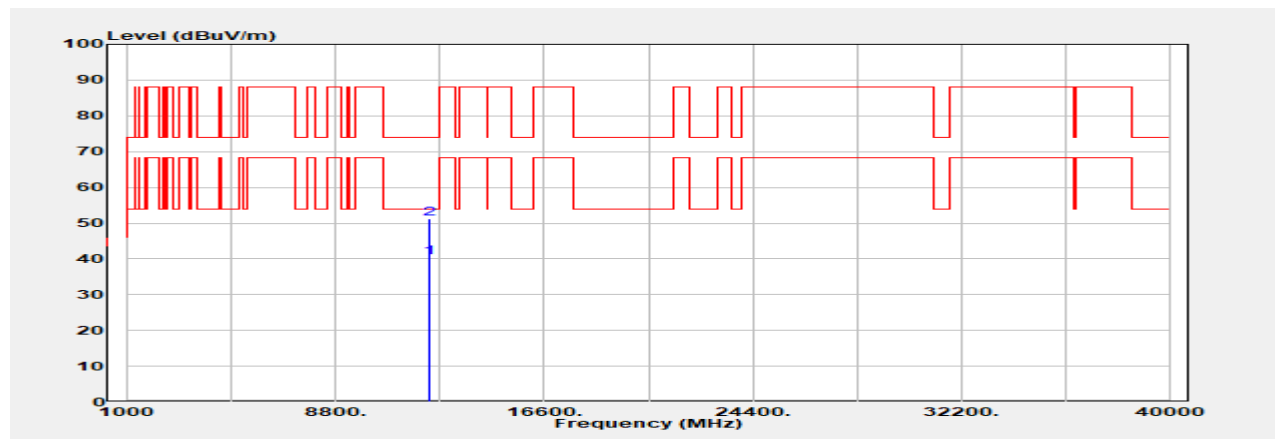
Temp./Humi. :21.5/70

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
12290.000	Average	29.96	10.31	40.27	54.00	-13.73
12290.000	Peak	40.94	10.31	51.25	74.00	-22.75

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Member of SGS Group

Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2022-10-17

Test Frequency :6385 MHz

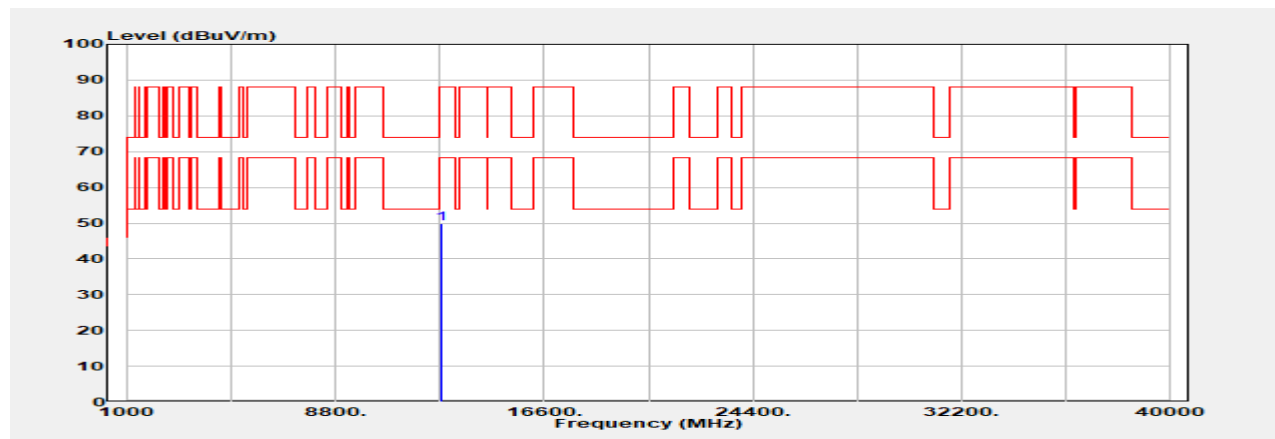
Temp./Humi. :21.5/70

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
12770.000	Peak	38.78	10.99	49.77	88.20	-38.43

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2022-10-17

Test Frequency :6385 MHz

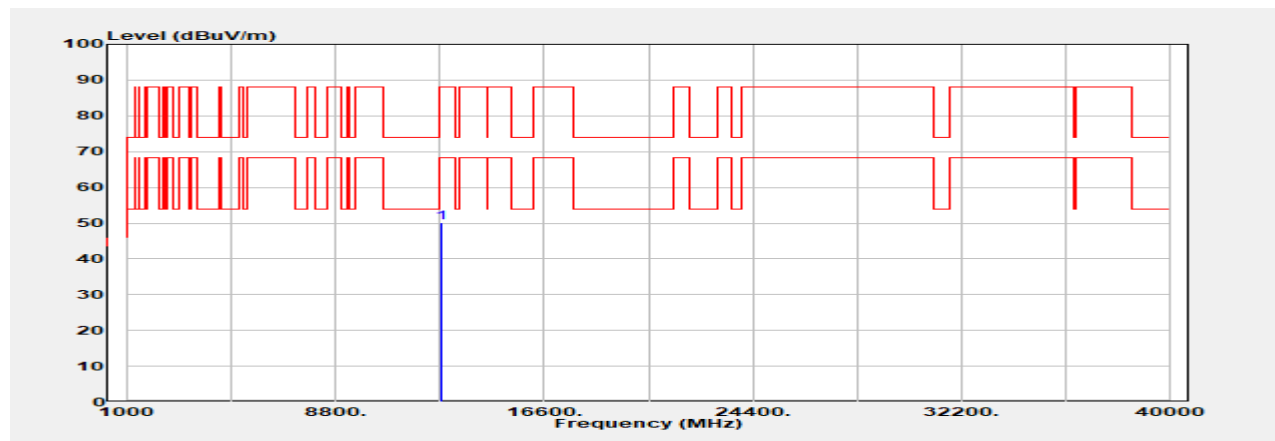
Temp./Humi. :21.5/70

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
12770.000	Peak	39.20	10.99	50.19	88.20	-38.01

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Member of SGS Group

Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2022-10-17

Test Frequency :6465 MHz

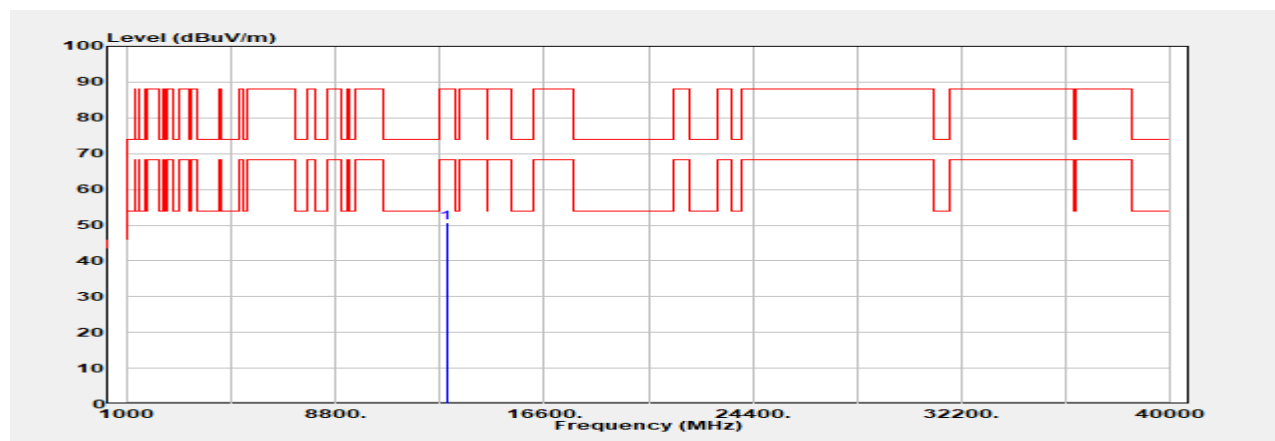
Temp./Humi. :21.5/70

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
12930.000	Peak	39.57	11.09	50.66	88.20	-37.54

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Member of SGS Group

Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2022-10-17

Test Frequency :6465 MHz

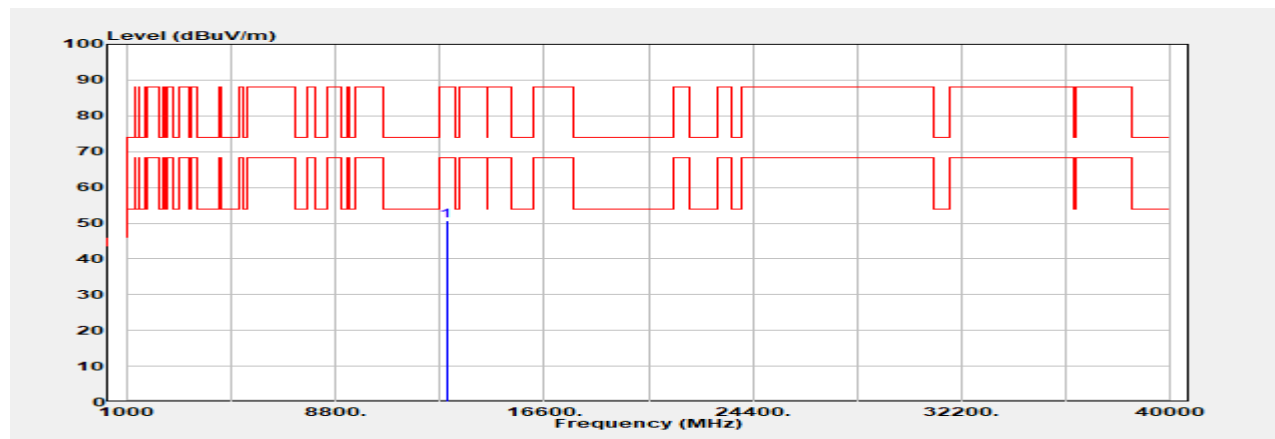
Temp./Humi. :21.5/70

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
12930.000	Peak	39.58	11.09	50.68	88.20	-37.52

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Member of SGS Group

Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2022-10-17

Test Frequency :6545 MHz

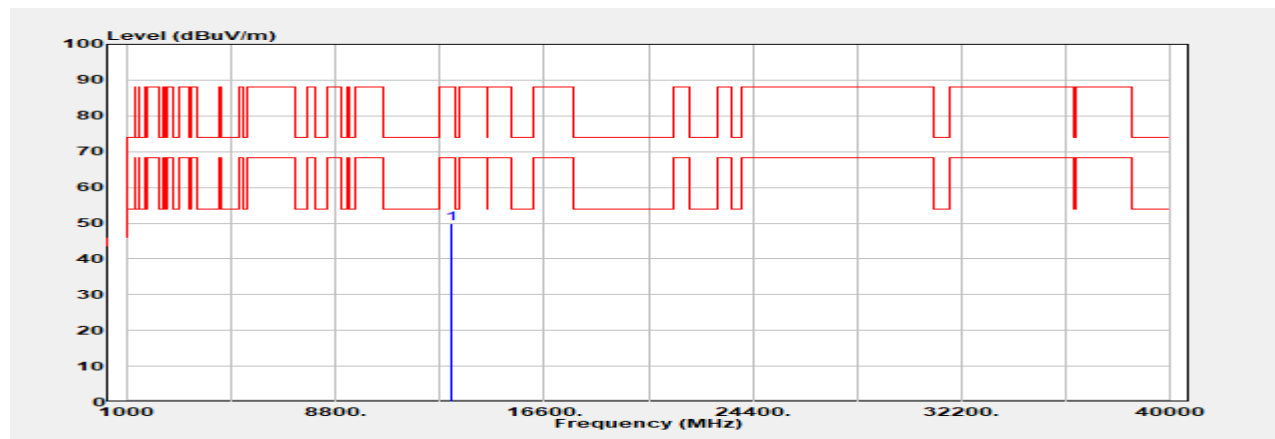
Temp./Humi. :21.5/70

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
13090.000	Peak	39.60	10.30	49.90	88.20	-38.30

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2022-10-17

Test Frequency :6545 MHz

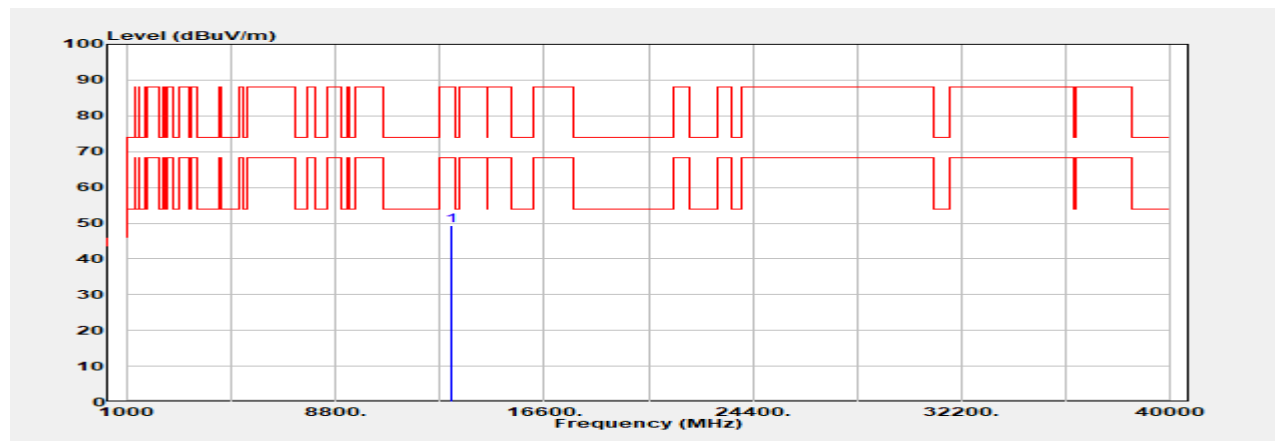
Temp./Humi. :21.5/70

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
13090.000	Peak	38.97	10.30	49.28	88.20	-38.92

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Member of SGS Group

Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2022-10-17

Test Frequency :6625 MHz

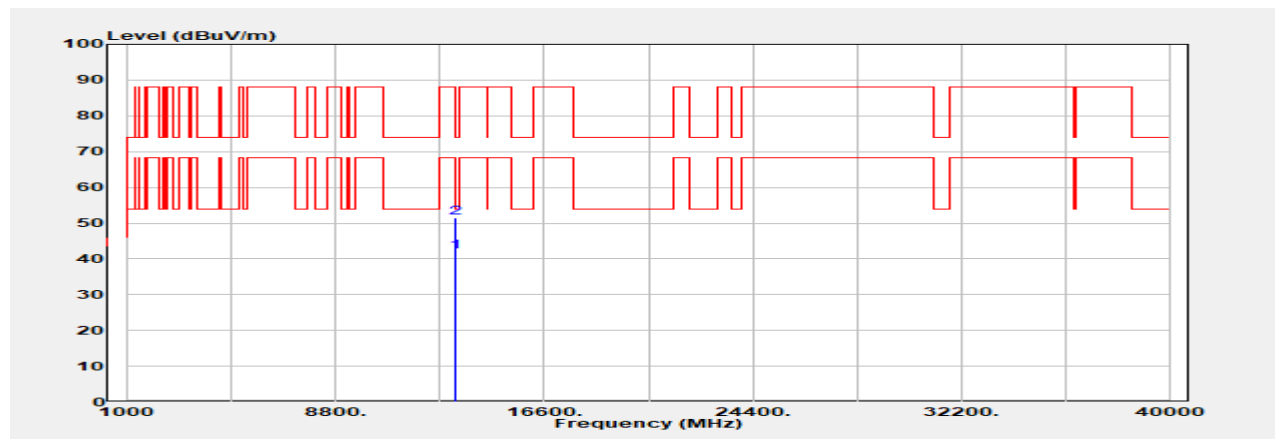
Temp./Humi. :21.5/70

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
13250.000	Average	31.14	10.83	41.97	54.00	-12.03
13250.000	Peak	40.56	10.83	51.39	74.00	-22.61

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Member of SGS Group

Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2022-10-17

Test Frequency :6625 MHz

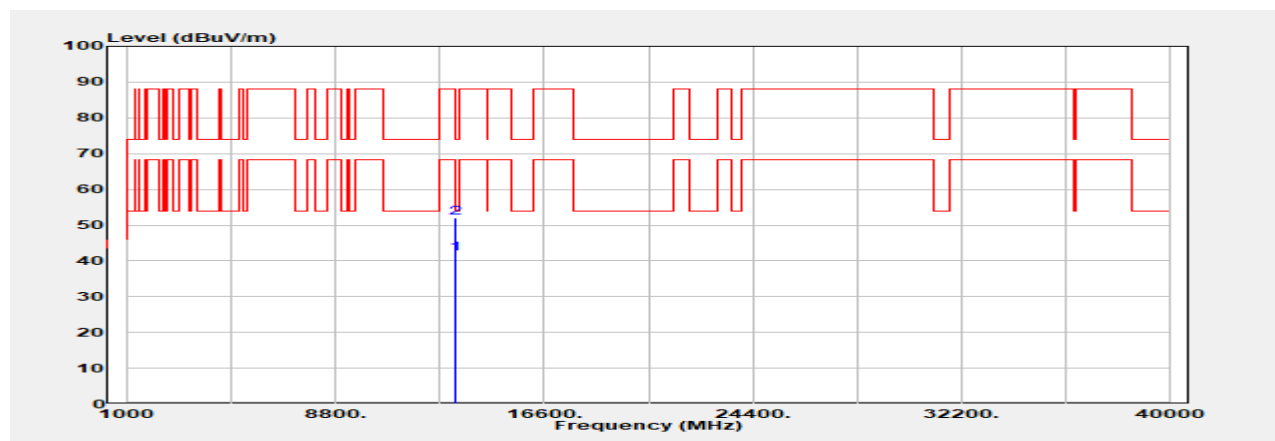
Temp./Humi. :21.5/70

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
13250.000	Average	31.24	10.83	42.08	54.00	-11.92
13250.000	Peak	41.16	10.83	51.99	74.00	-22.01

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Member of SGS Group

Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2022-10-17

Test Frequency :6705 MHz

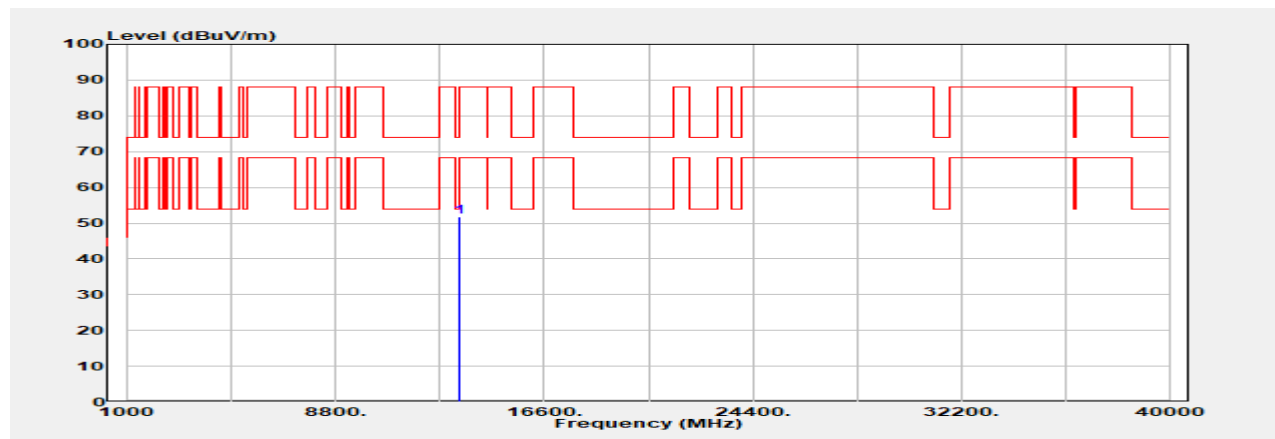
Temp./Humi. :21.5/70

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
13410.000	Peak	41.12	10.54	51.66	88.20	-36.54

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Member of SGS Group

Report Number :TERF2208001577E2

Operation Mode :802.11ax80

Test Frequency :6705 MHz

Test Mode :Tx

EUT Pol :E2 Plane

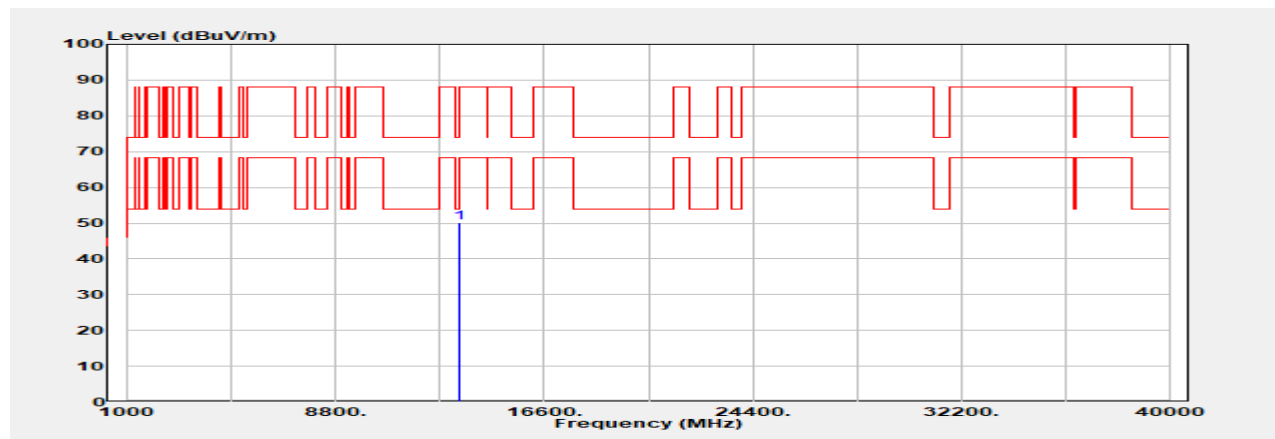
Test Site :SAC G

Test Date :2022-10-17

Temp./Humi. :21.5/70

Antenna Pol. :HORIZONTAL

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
13410.000	Peak	39.58	10.54	50.12	88.20	-38.08

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Member of SGS Group

Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2022-10-17

Test Frequency :6785 MHz

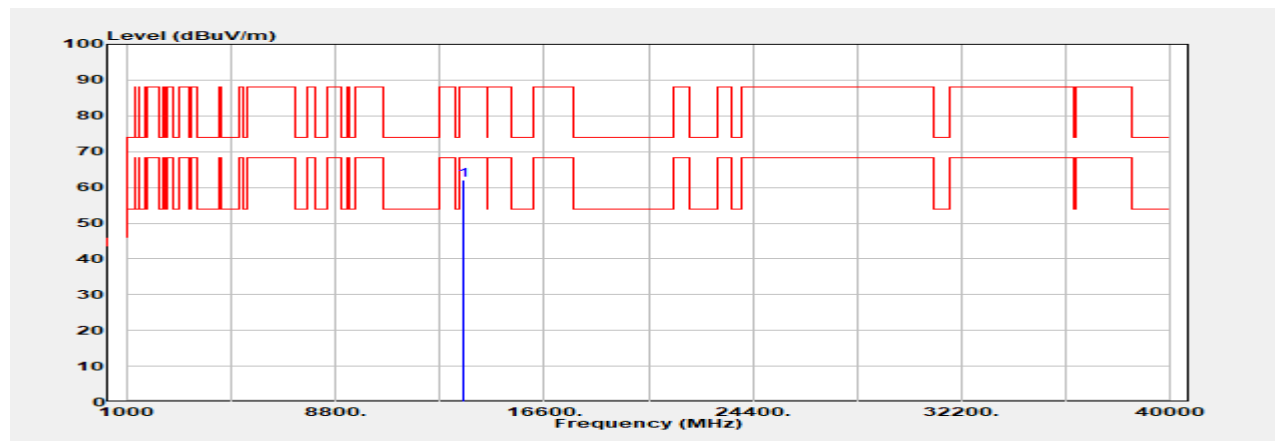
Temp./Humi. :21.5/70

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
13570.000	Peak	50.91	11.19	62.10	88.20	-26.10

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Report Number :TERF2208001577E2

Operation Mode :802.11ax80

Test Frequency :6785 MHz

Test Mode :Tx

EUT Pol :E2 Plane

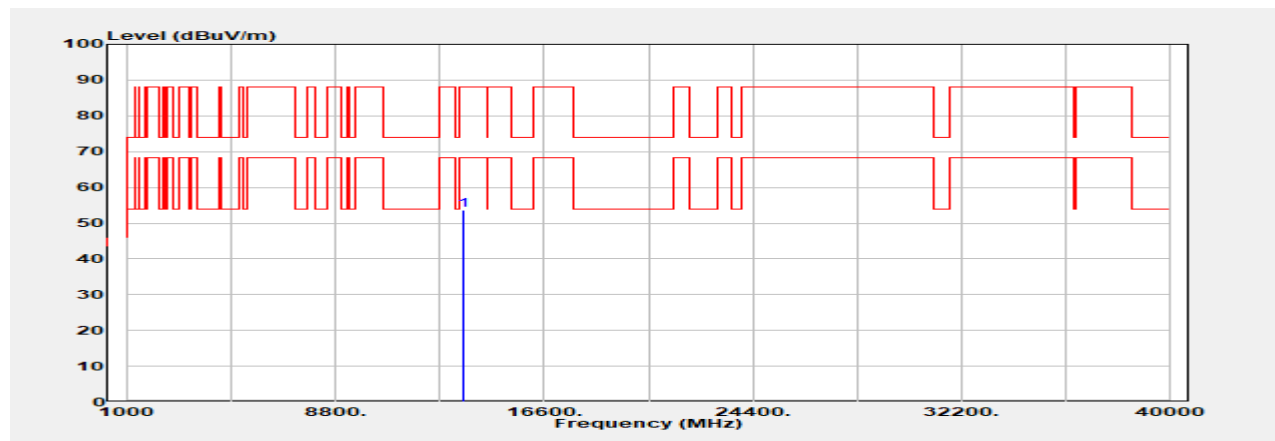
Test Site :SAC G

Test Date :2022-10-17

Temp./Humi. :21.5/70

Antenna Pol. :HORIZONTAL

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
13570.000	Peak	42.35	11.19	53.54	88.20	-34.66

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Member of SGS Group

Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2022-10-17

Test Frequency :6865 MHz

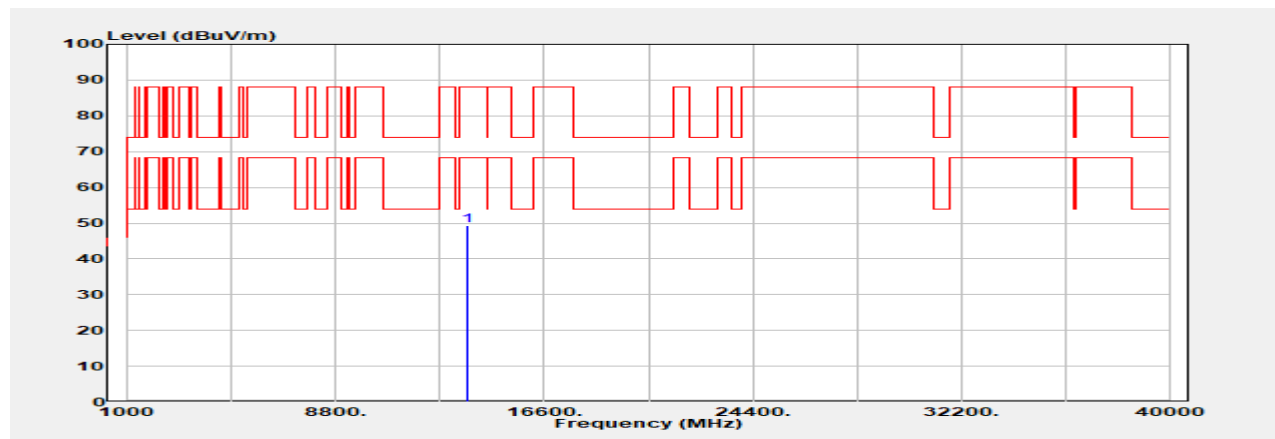
Temp./Humi. :21.5/70

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
13730.000	Peak	38.77	10.68	49.45	88.20	-38.75

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Member of SGS Group

Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2022-10-17

Test Frequency :6865 MHz

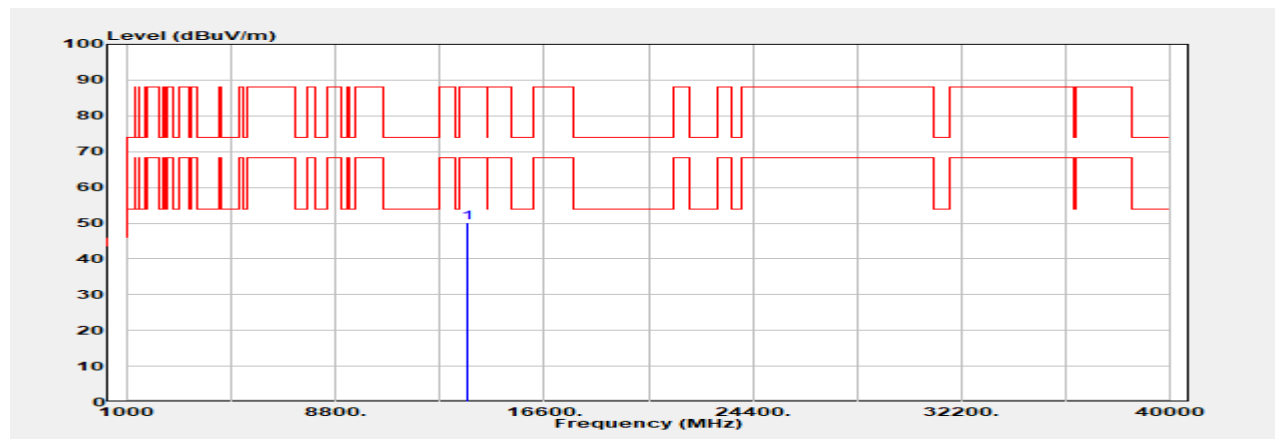
Temp./Humi. :21.5/70

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
13730.000	Peak	39.38	10.68	50.06	88.20	-38.14

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2022-10-17

Test Frequency :6945 MHz

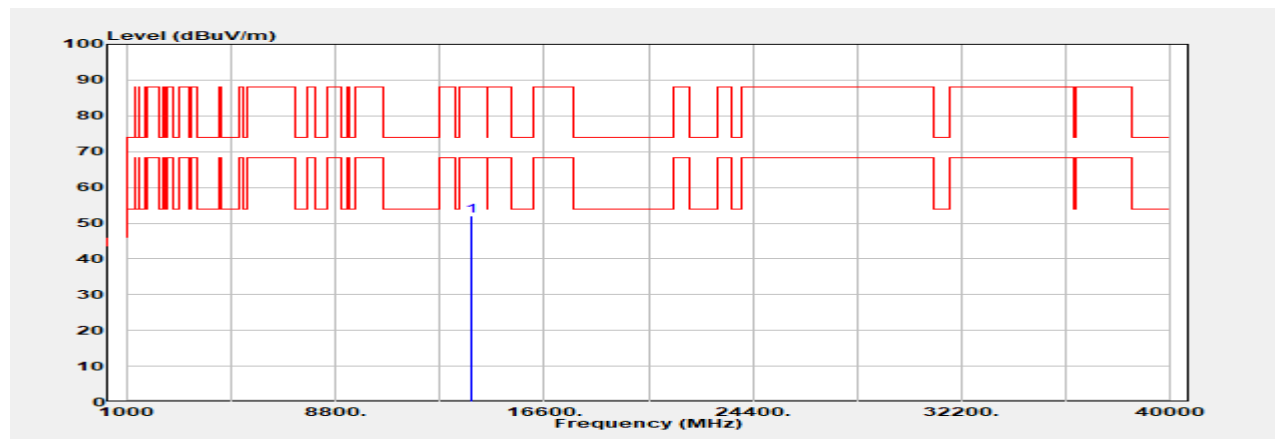
Temp./Humi. :21.5/70

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
13890.000	Peak	41.18	10.78	51.96	88.20	-36.24

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Member of SGS Group

Report Number :TERF2208001577E2

Operation Mode :802.11ax80

Test Frequency :6945 MHz

Test Mode :Tx

EUT Pol :E2 Plane

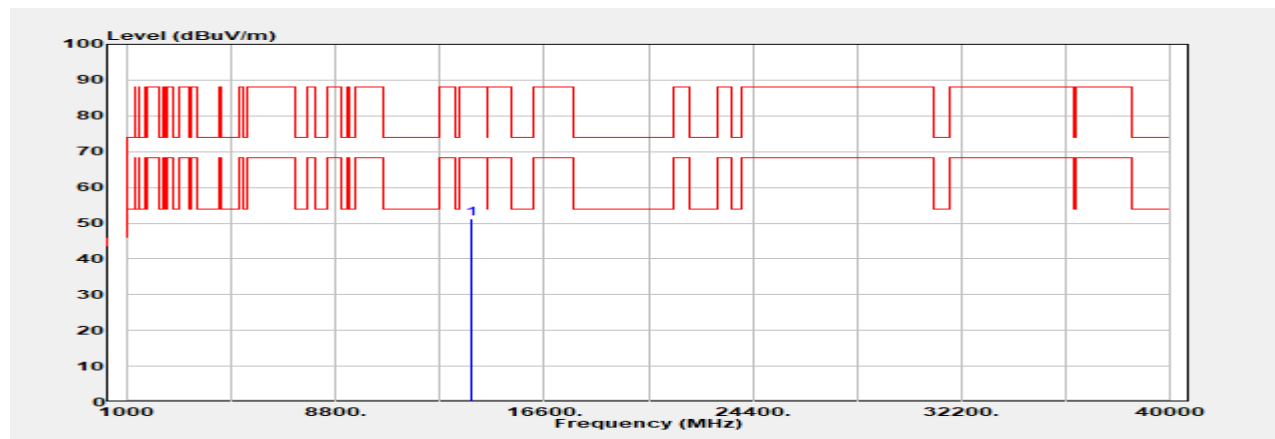
Test Site :SAC G

Test Date :2022-10-17

Temp./Humi. :21.5/70

Antenna Pol. :HORIZONTAL

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
13890.000	Peak	40.45	10.78	51.22	88.20	-36.98

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2022-10-17

Test Frequency :7025 MHz

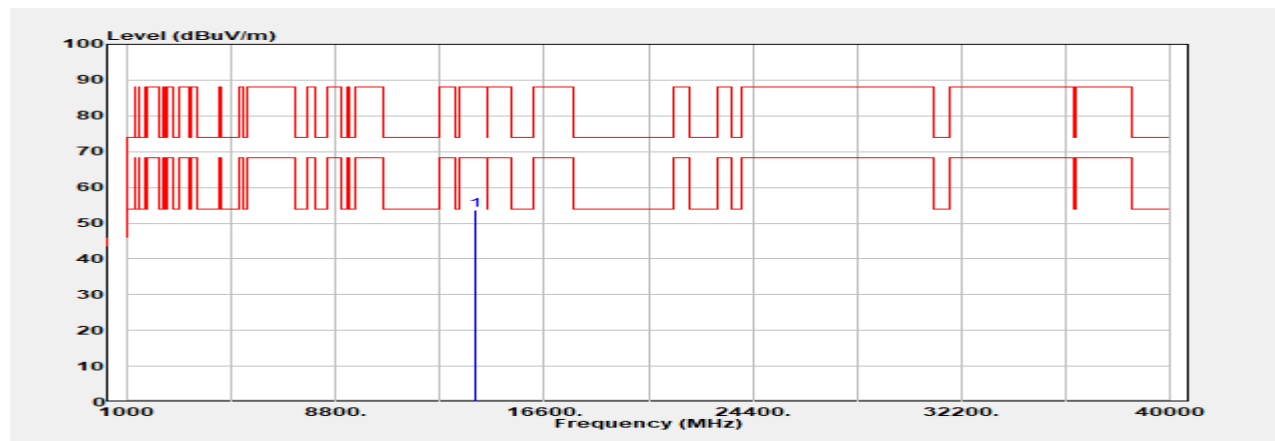
Temp./Humi. :21.5/70

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
14050.000	Peak	42.05	11.62	53.67	88.20	-34.53

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2022-10-17

Test Frequency :7025 MHz

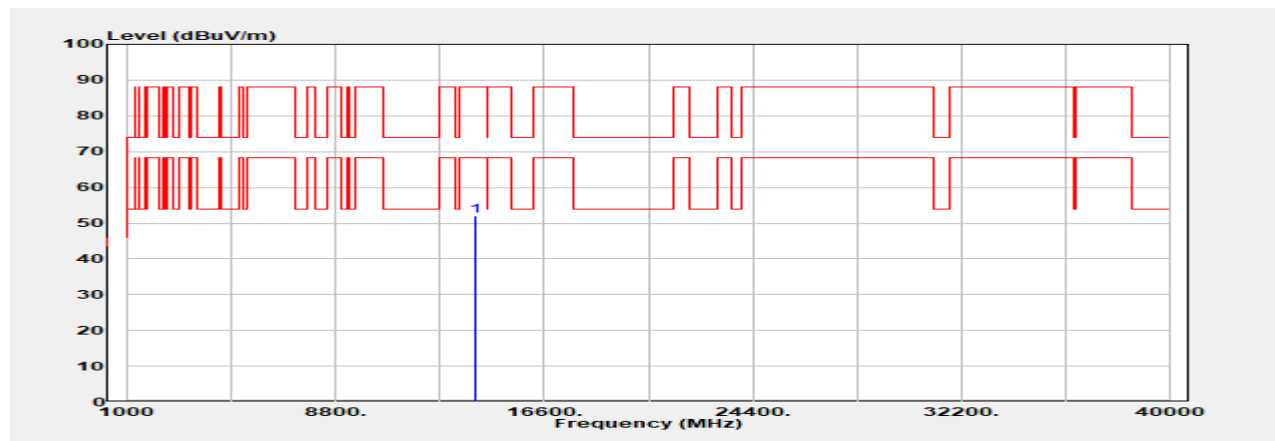
Temp./Humi. :21.5/70

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
14050.000	Peak	40.54	11.62	52.16	88.20	-36.04

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www.sgs.com.tw

Member of SGS Group

Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax160

Test Date :2022-10-17

Test Frequency :6025 MHz

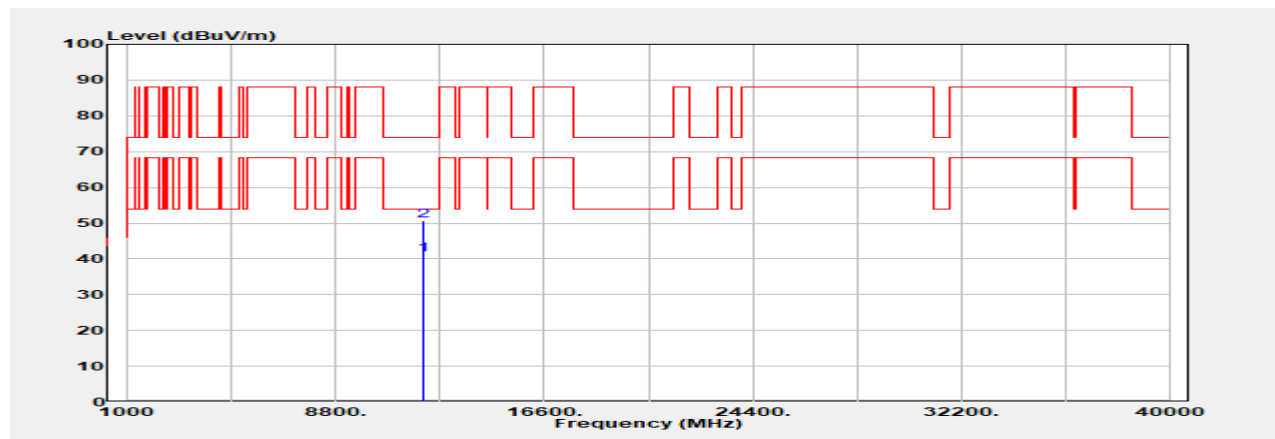
Temp./Humi. :21.5/70

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
12050.000	Average	30.05	11.02	41.07	54.00	-12.93
12050.000	Peak	39.76	11.02	50.79	74.00	-23.21

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax160

Test Date :2022-10-17

Test Frequency :6025 MHz

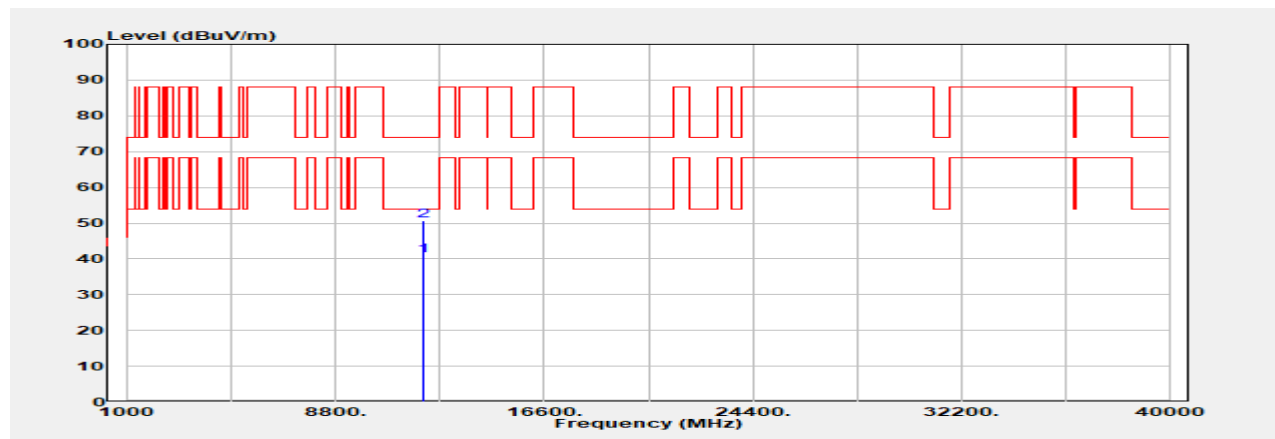
Temp./Humi. :21.5/70

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
12050.000	Average	29.91	11.02	40.94	54.00	-13.06
12050.000	Peak	39.69	11.02	50.72	74.00	-23.28

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax160

Test Date :2022-10-17

Test Frequency :6185 MHz

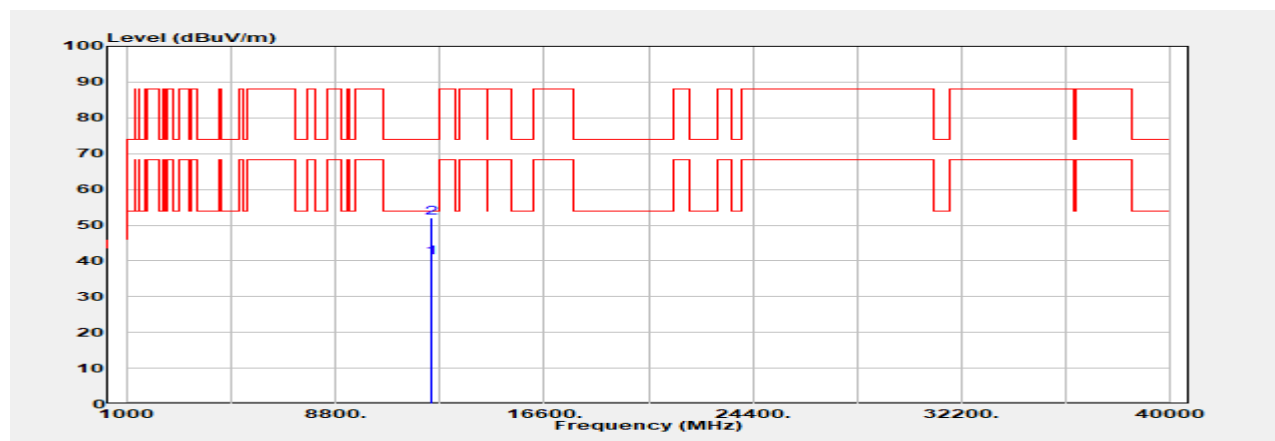
Temp./Humi. :21.5/70

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
12370.000	Average	30.52	10.40	40.91	54.00	-13.09
12370.000	Peak	41.58	10.40	51.98	74.00	-22.02

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax160

Test Date :2022-10-17

Test Frequency :6185 MHz

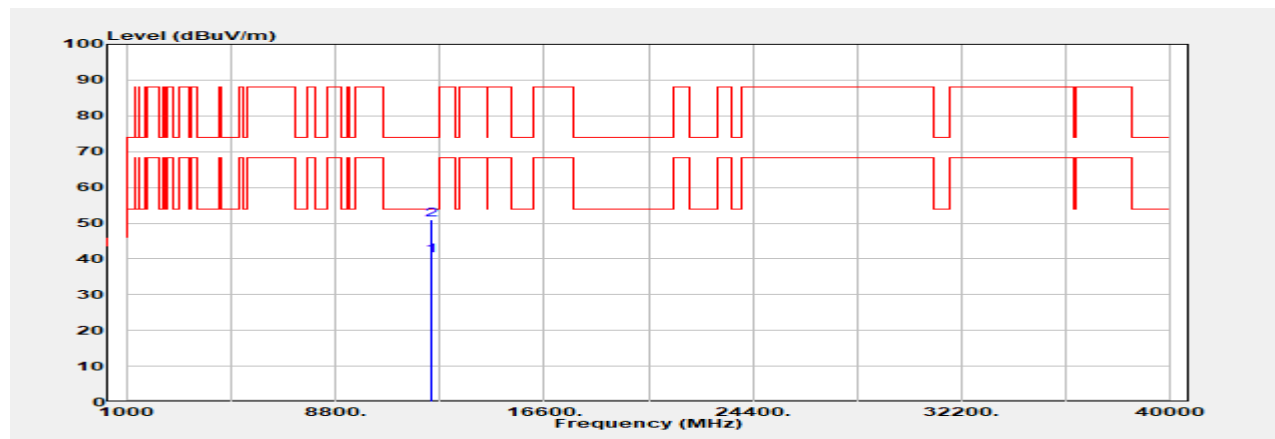
Temp./Humi. :21.5/70

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
12370.000	Average	30.51	10.40	40.90	54.00	-13.10
12370.000	Peak	40.58	10.40	50.98	74.00	-23.02

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax160

Test Date :2022-10-17

Test Frequency :6345 MHz

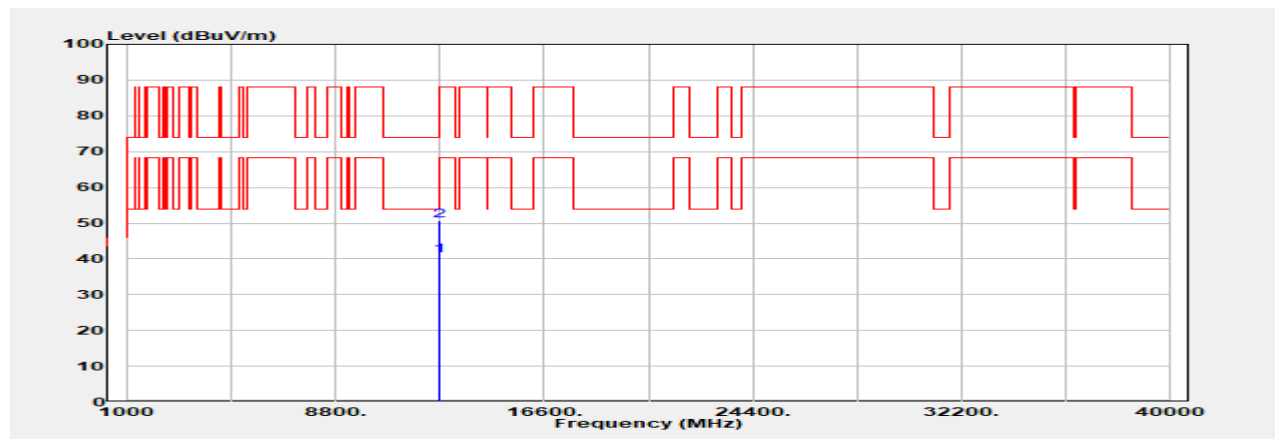
Temp./Humi. :21.5/70

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
12690.000	Average	30.17	10.71	40.88	54.00	-13.12
12690.000	Peak	39.94	10.71	50.65	74.00	-23.35

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax160

Test Date :2022-10-17

Test Frequency :6345 MHz

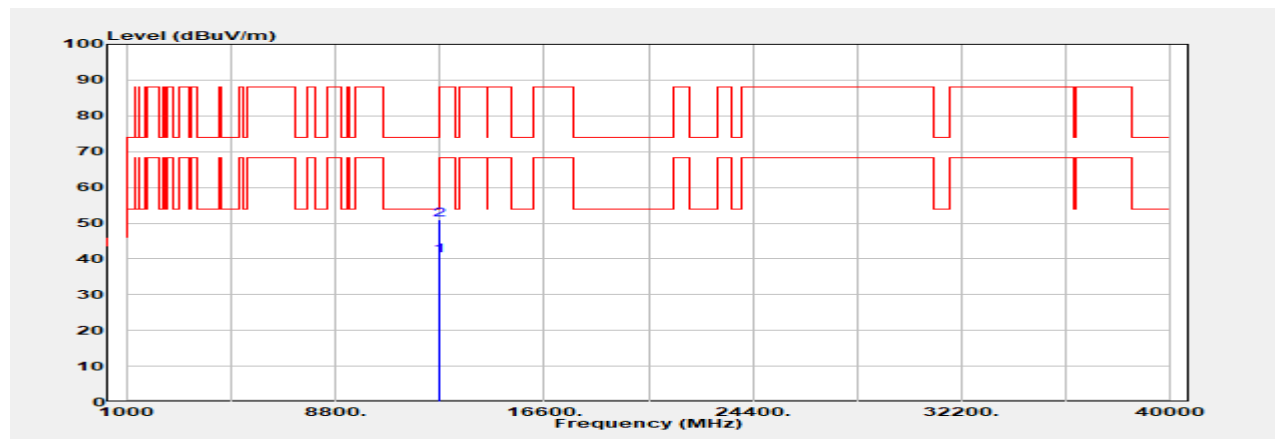
Temp./Humi. :21.5/70

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
12690.000	Average	30.16	10.71	40.87	54.00	-13.13
12690.000	Peak	40.15	10.71	50.86	74.00	-23.14

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Member of SGS Group

Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax160

Test Date :2022-10-17

Test Frequency :6505 MHz

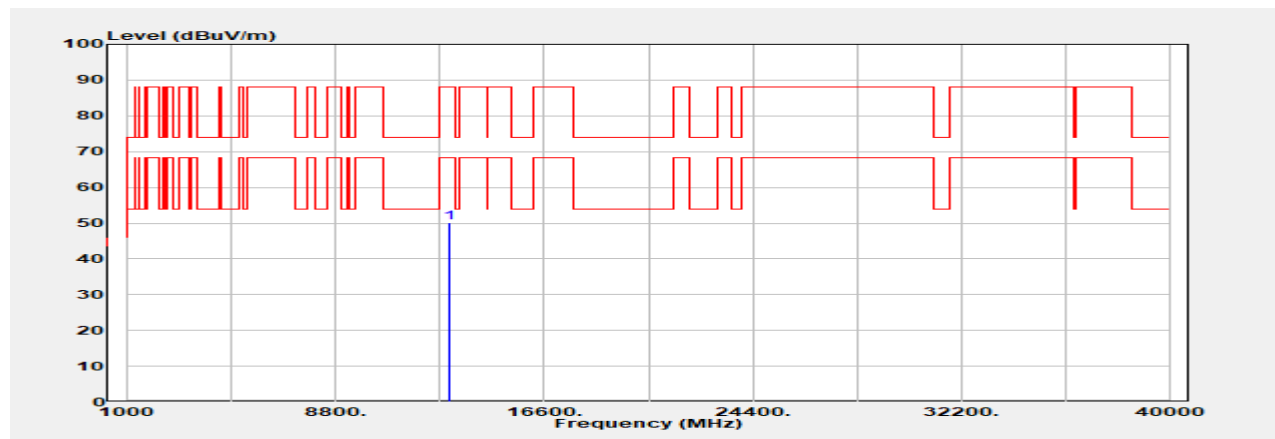
Temp./Humi. :21.5/70

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
13010.000	Peak	39.61	10.46	50.07	88.20	-38.13

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Member of SGS Group

Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax160

Test Date :2022-10-17

Test Frequency :6505 MHz

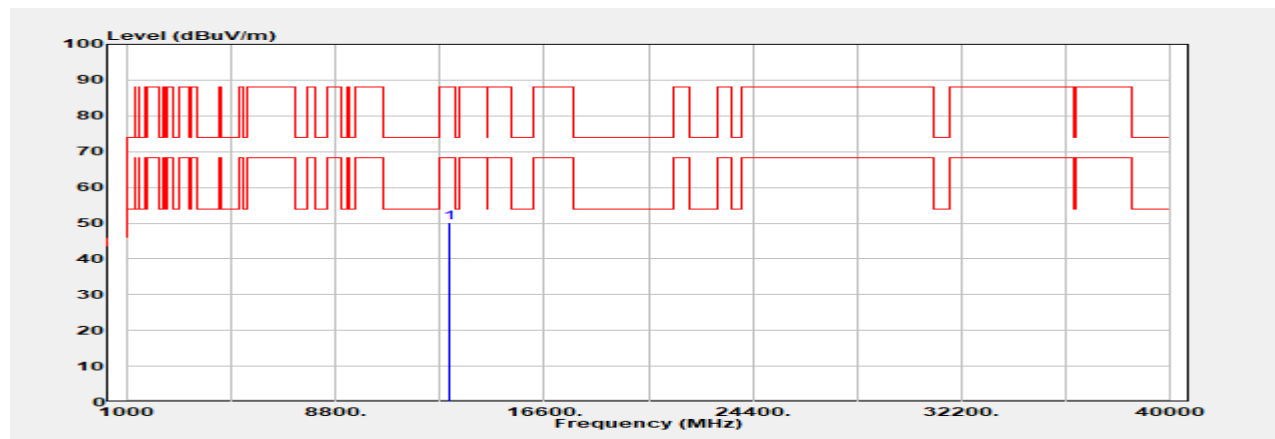
Temp./Humi. :21.5/70

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
13010.000	Peak	39.59	10.46	50.05	88.20	-38.15

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax160

Test Date :2022-10-17

Test Frequency :6665 MHz

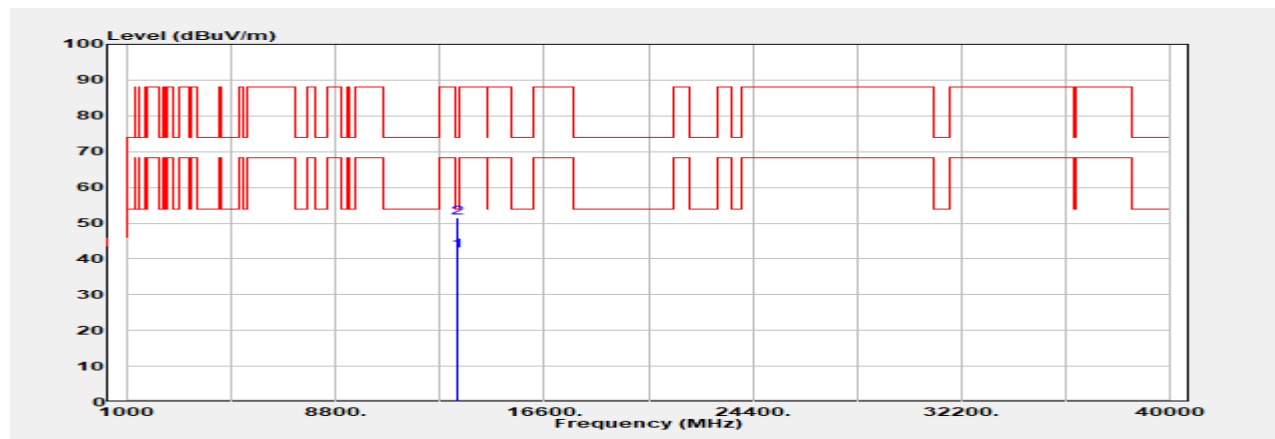
Temp./Humi. :21.5/70

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
13330.000	Average	31.46	10.69	42.15	54.00	-11.85
13330.000	Peak	40.85	10.69	51.54	74.00	-22.46

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax160

Test Date :2022-10-17

Test Frequency :6665 MHz

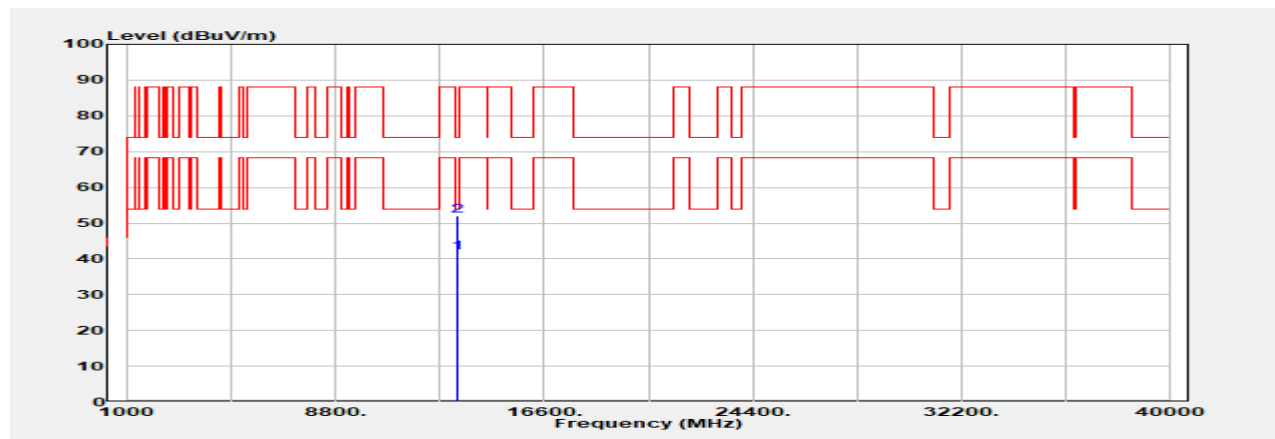
Temp./Humi. :21.5/70

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
13330.000	Average	31.14	10.69	41.83	54.00	-12.17
13330.000	Peak	41.33	10.69	52.01	74.00	-21.99

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax160

Test Date :2022-10-17

Test Frequency :6825 MHz

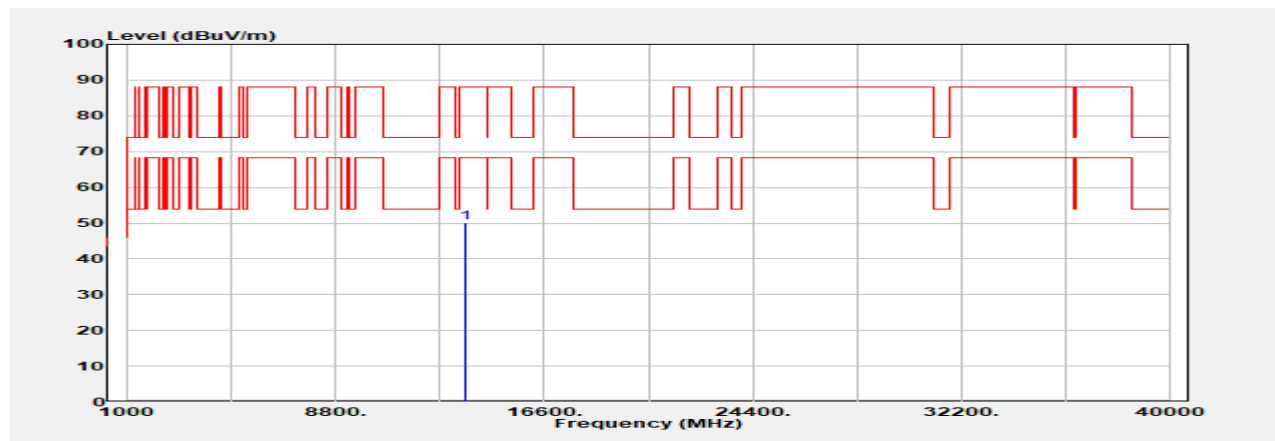
Temp./Humi. :21.5/70

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
13650.000	Peak	39.31	10.95	50.26	88.20	-37.94

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax160

Test Date :2022-10-17

Test Frequency :6825 MHz

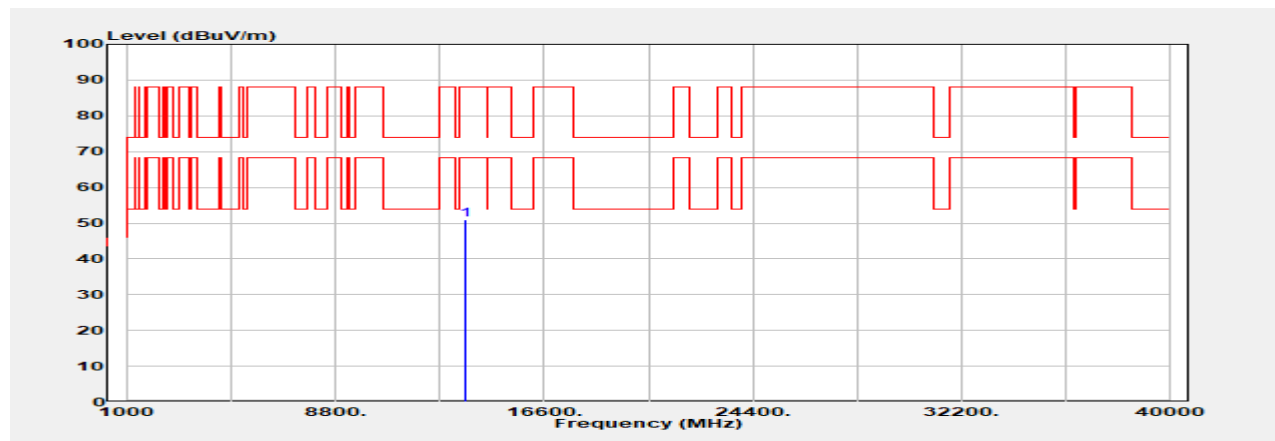
Temp./Humi. :21.5/70

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
13650.000	Peak	40.09	10.95	51.04	88.20	-37.16

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax160

Test Date :2022-10-17

Test Frequency :6985 MHz

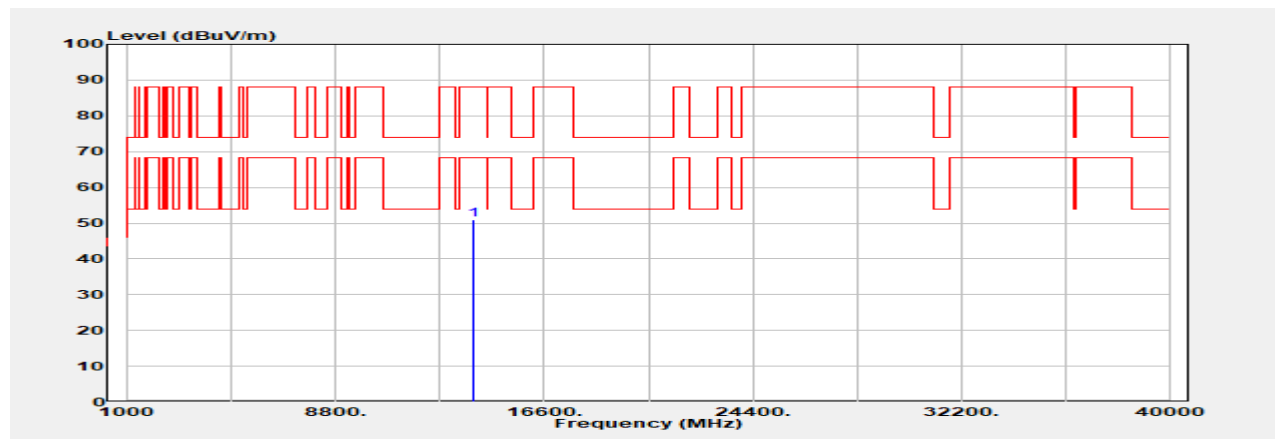
Temp./Humi. :21.5/70

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
13970.000	Peak	39.80	11.21	51.01	88.20	-37.19

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax160

Test Date :2022-10-17

Test Frequency :6985 MHz

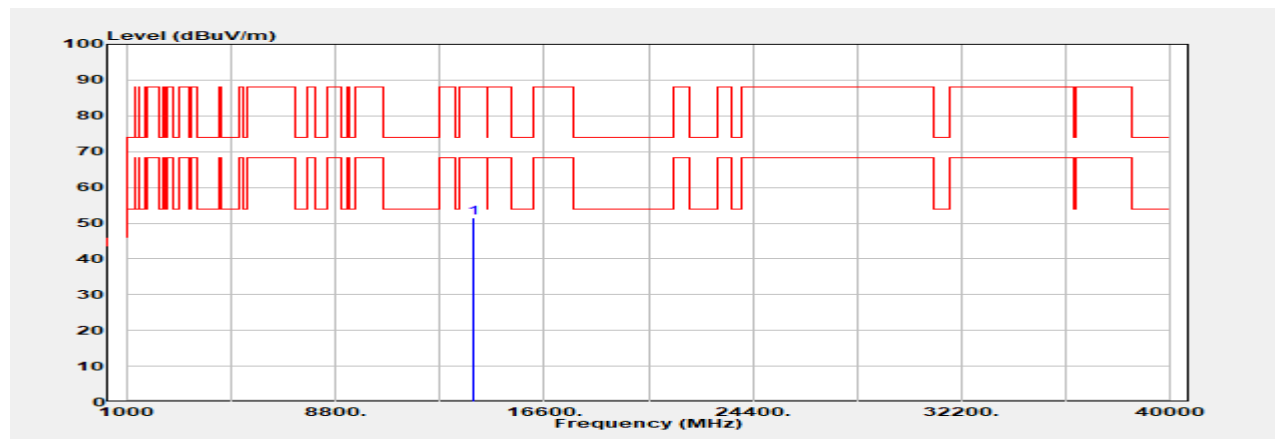
Temp./Humi. :21.5/70

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
13970.000	Peak	40.26	11.21	51.47	88.20	-36.73

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8.6.2 Band edge falling to restricted band

Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-10-14

Test Frequency :5955 MHz

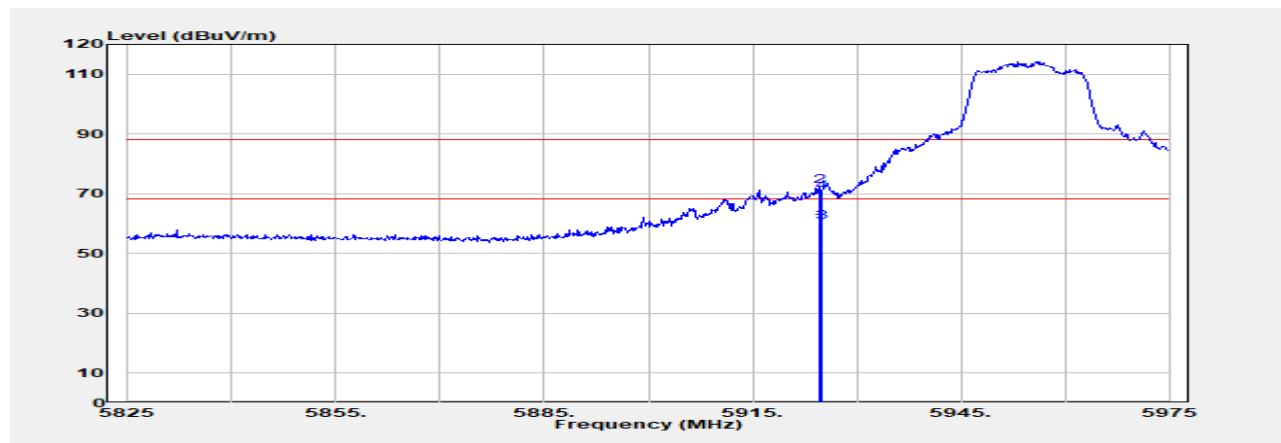
Temp./Humi. :21.1/70

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
5924.600	Average	55.35	4.46	59.80	68.20	-8.40
5924.600	Peak	68.02	4.46	72.48	88.20	-15.72
5925.000	Average	56.09	4.45	60.54	68.20	-7.66
5925.000	Peak	66.22	4.45	70.67	88.20	-17.53

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11a

Test Date :2022-10-14

Test Frequency :5955 MHz

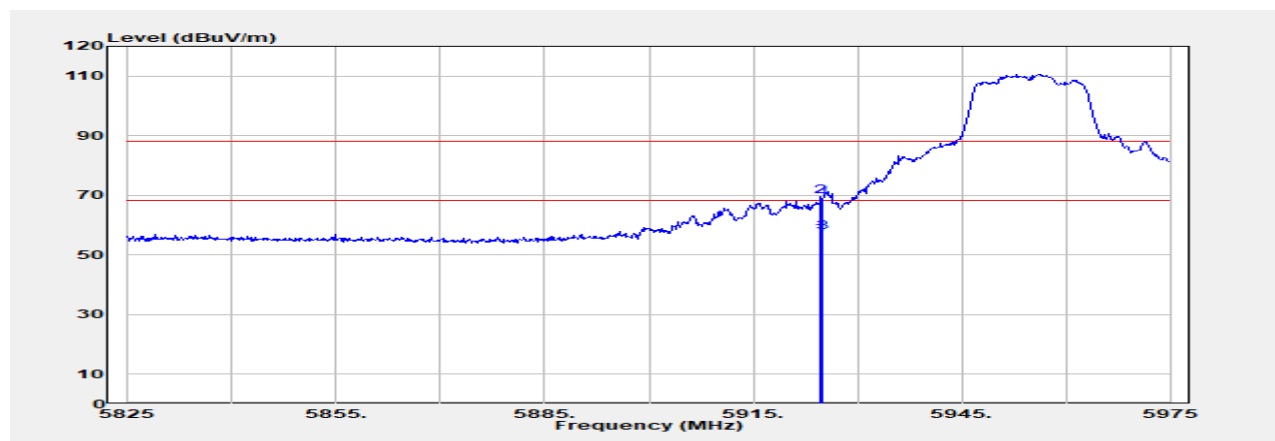
Temp./Humi. :21.1/70

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
5924.750	Average	52.45	4.46	56.90	68.20	-11.30
5924.750	Peak	65.22	4.46	69.68	88.20	-18.52
5925.000	Average	53.04	4.45	57.49	68.20	-10.71
5925.000	Peak	64.54	4.45	69.00	88.20	-19.20

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2022-10-14

Test Frequency :5955 MHz

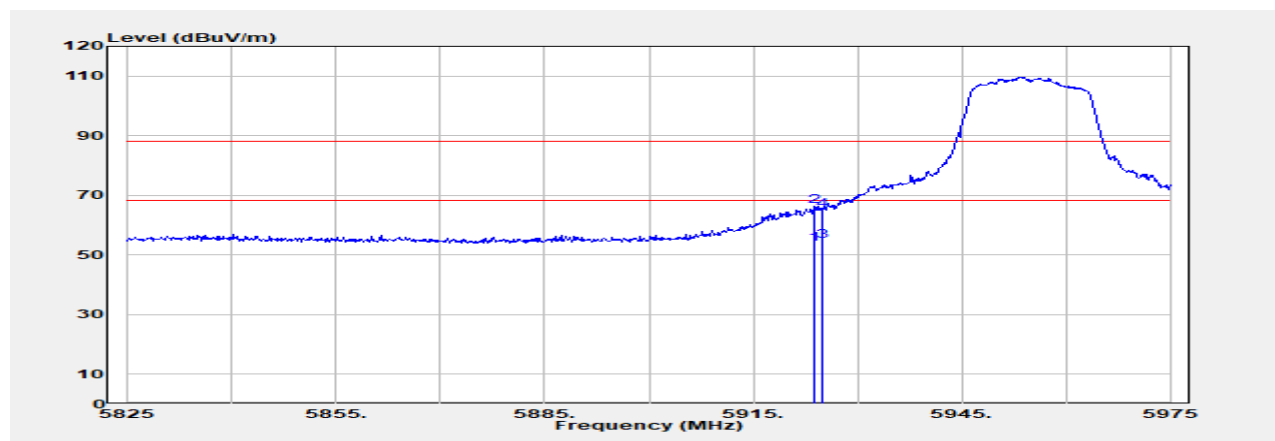
Temp./Humi. :21.1/70

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
5923.700	Average	49.25	4.46	53.72	68.20	-14.48
5923.700	Peak	61.80	4.46	66.27	88.20	-21.93
5925.000	Average	50.02	4.45	54.47	68.20	-13.73
5925.000	Peak	60.59	4.45	65.05	88.20	-23.15

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2022-10-14

Test Frequency :5955 MHz

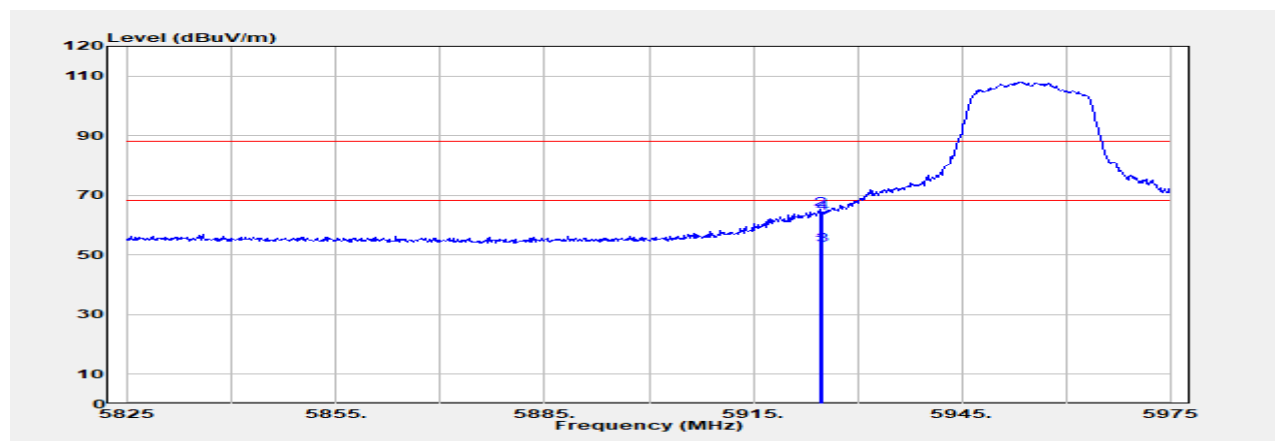
Temp./Humi. :21.1/70

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
5924.600	Average	48.55	4.46	53.01	68.20	-15.19
5924.600	Peak	60.75	4.46	65.21	88.20	-22.99
5925.000	Average	48.93	4.45	53.39	68.20	-14.81
5925.000	Peak	59.54	4.45	63.99	88.20	-24.21

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2022-10-17

Test Frequency :5955 MHz

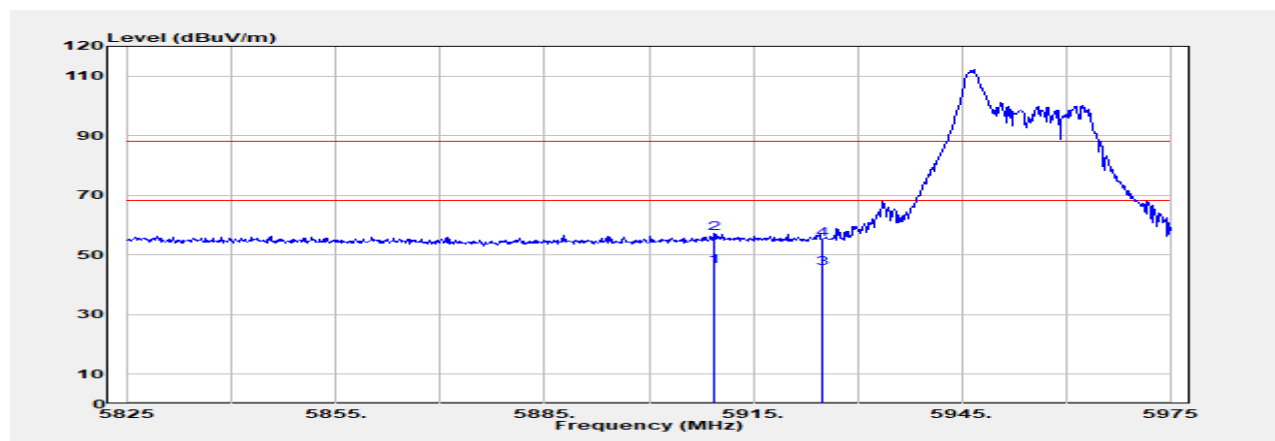
Temp./Humi. :20.9/69

Test Mode :Bandedge 26/0

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
5909.450	Average	41.53	4.54	46.07	68.20	-22.13
5909.450	Peak	52.74	4.54	57.29	88.20	-30.91
5925.000	Average	41.12	4.45	45.58	68.20	-22.62
5925.000	Peak	50.73	4.45	55.19	88.20	-33.01

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2022-10-17

Test Frequency :5955 MHz

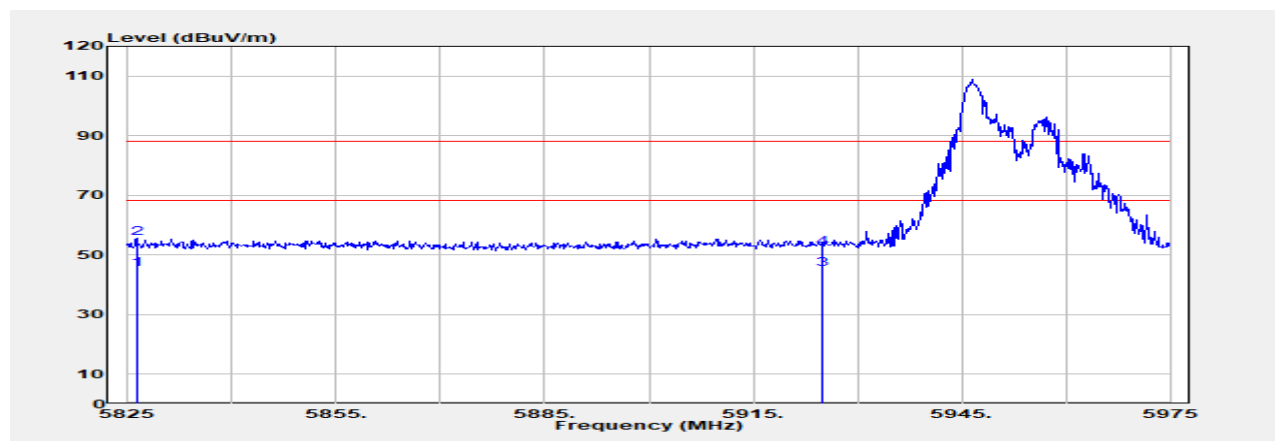
Temp./Humi. :20.9/69

Test Mode :Bandedge 26/0

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
5826.200	Average	40.91	4.44	45.35	68.20	-22.85
5826.200	Peak	51.08	4.44	55.53	88.20	-32.67
5925.000	Average	40.86	4.45	45.32	68.20	-22.88
5925.000	Peak	48.05	4.45	52.51	88.20	-35.69

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Operation Mode :802.11ax20

Test Date :2022-10-17

Test Frequency :5955 MHz

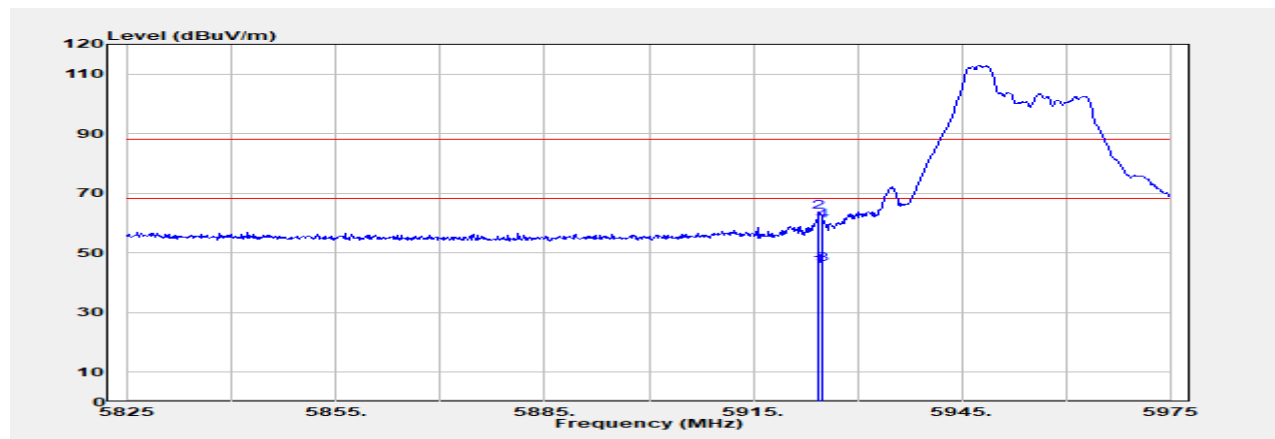
Temp./Humi. :20.9/69

Test Mode :Bandedge 52/37

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
5924.450	Average	41.22	4.46	45.68	68.20	-22.52
5924.450	Peak	59.15	4.46	63.60	88.20	-24.60
5925.000	Average	41.75	4.45	46.20	68.20	-22.00
5925.000	Peak	56.24	4.45	60.70	88.20	-27.50

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台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

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Member of SGS Group

Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2022-10-17

Test Frequency :5955 MHz

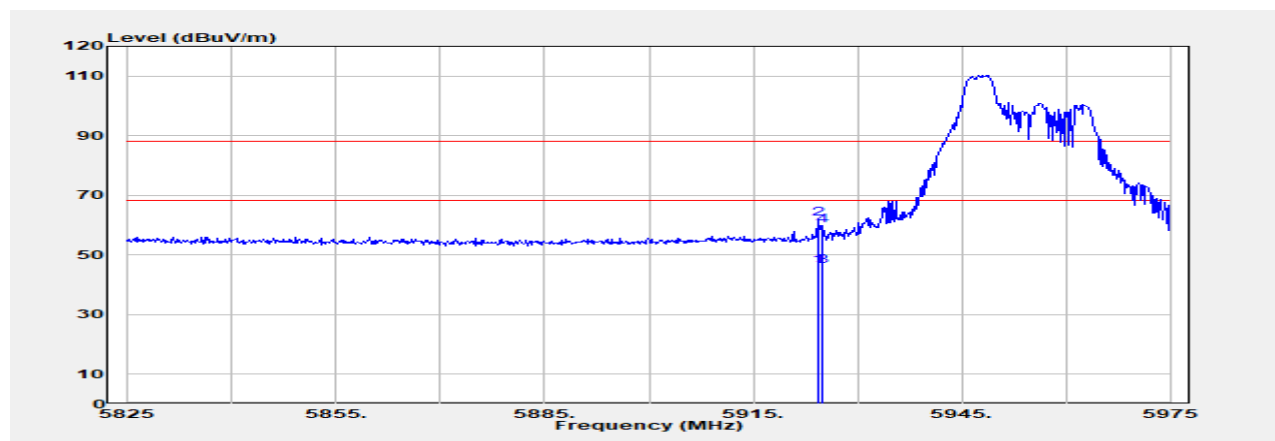
Temp./Humi. :20.9/69

Test Mode :Bandedge 52/37

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
5924.300	Average	41.60	4.46	46.06	68.20	-22.14
5924.300	Peak	57.68	4.46	62.14	88.20	-26.06
5925.000	Average	41.57	4.45	46.02	68.20	-22.18
5925.000	Peak	55.36	4.45	59.81	88.20	-28.39

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2022-10-17

Test Frequency :5955 MHz

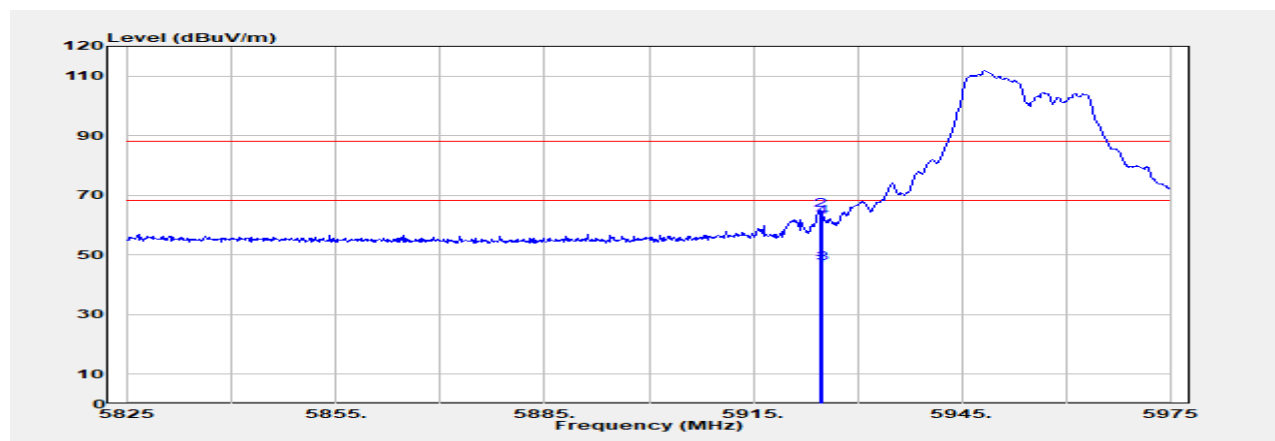
Temp./Humi. :20.9/69

Test Mode :Bandedge 106/53

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
5924.600	Average	42.19	4.46	46.64	68.20	-21.56
5924.600	Peak	60.68	4.46	65.14	88.20	-23.06
5925.000	Average	42.55	4.45	47.00	68.20	-21.20
5925.000	Peak	58.43	4.45	62.89	88.20	-25.31

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Test Date :2022-10-17

Test Frequency :5955 MHz

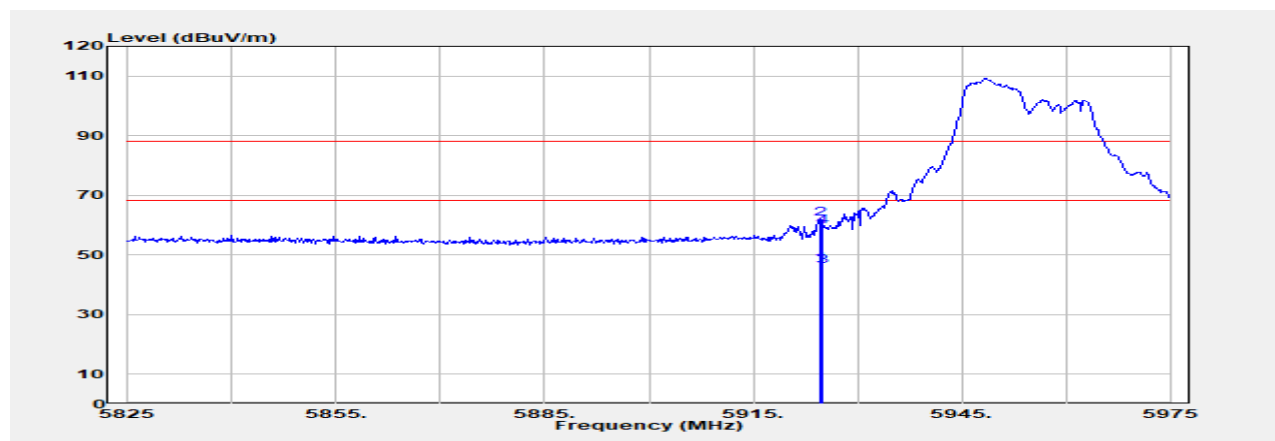
Temp./Humi. :20.9/69

Test Mode :Bandedge 106/53

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
5924.600	Average	42.47	4.46	46.93	68.20	-21.27
5924.600	Peak	57.76	4.46	62.21	88.20	-25.99
5925.000	Average	41.69	4.45	46.15	68.20	-22.05
5925.000	Peak	54.91	4.45	59.37	88.20	-28.83

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2022-10-14

Test Frequency :5965 MHz

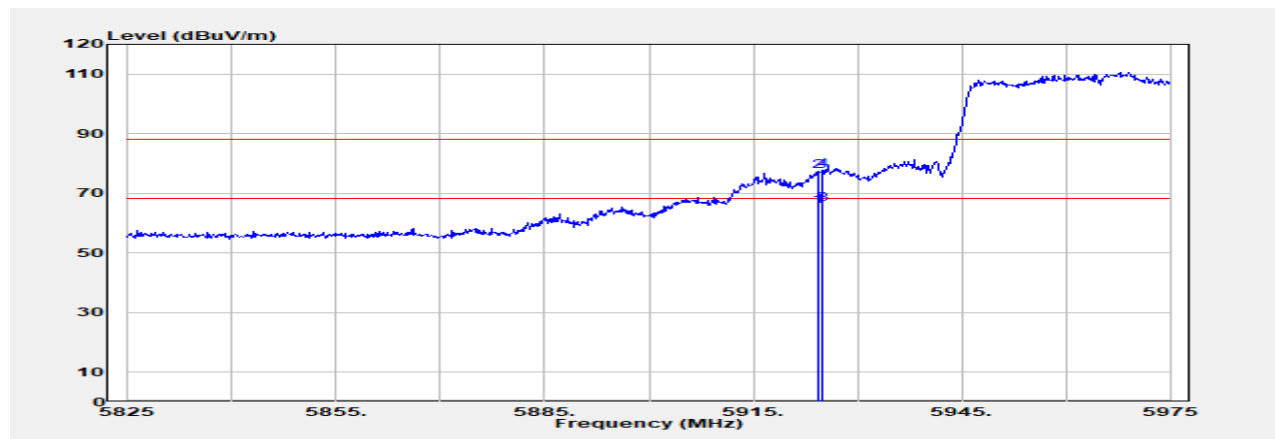
Temp./Humi. :21.1/70

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
5924.450	Average	61.18	4.46	65.64	68.20	-2.56
5924.450	Peak	73.07	4.46	77.53	88.20	-10.67
5925.000	Average	61.93	4.45	66.39	68.20	-1.81
5925.000	Peak	73.43	4.45	77.88	88.20	-10.32

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2022-10-14

Test Frequency :5965 MHz

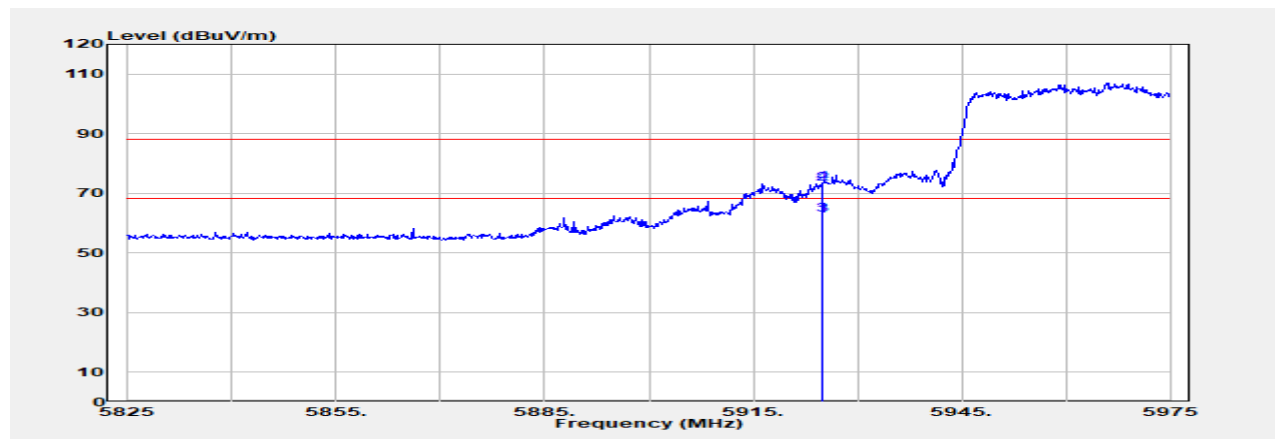
Temp./Humi. :21.1/70

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
5924.900	Average	57.99	4.46	62.45	68.20	-5.75
5924.900	Peak	68.84	4.46	73.30	88.20	-14.90
5925.000	Average	58.32	4.45	62.77	68.20	-5.43
5925.000	Peak	68.90	4.45	73.36	88.20	-14.84

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2022-10-17

Test Frequency :5965 MHz

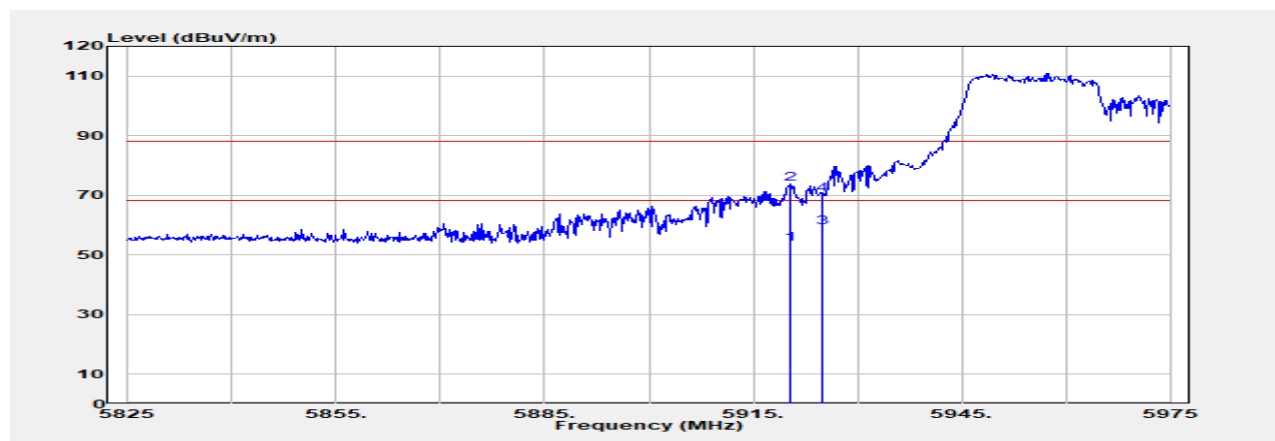
Temp./Humi. :20.9/69

Test Mode :Bandedge 242/61

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Temo Chen



Freq. MHz	Detector Mode	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5920.400	Average	49.17	4.49	53.66	68.20	-14.54
5920.400	Peak	69.20	4.49	73.68	88.20	-14.52
5925.000	Average	54.64	4.45	59.09	68.20	-9.11
5925.000	Peak	65.76	4.45	70.22	88.20	-17.98

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2022-10-17

Test Frequency :5965 MHz

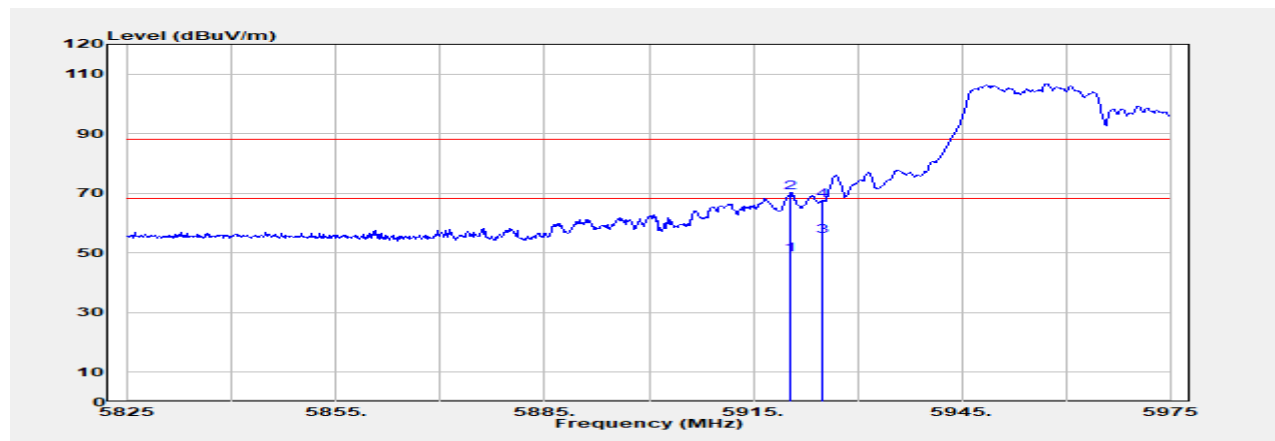
Temp./Humi. :20.9/69

Test Mode :Bandedge 242/61

Antenna Pol. :Horizontal

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
5920.400	Average	44.92	4.49	49.41	68.20	-18.79
5920.400	Peak	65.79	4.49	70.27	88.20	-17.93
5925.000	Average	51.11	4.45	55.57	68.20	-12.63
5925.000	Peak	63.32	4.45	67.77	88.20	-20.43

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2022-10-14

Test Frequency :7085 MHz

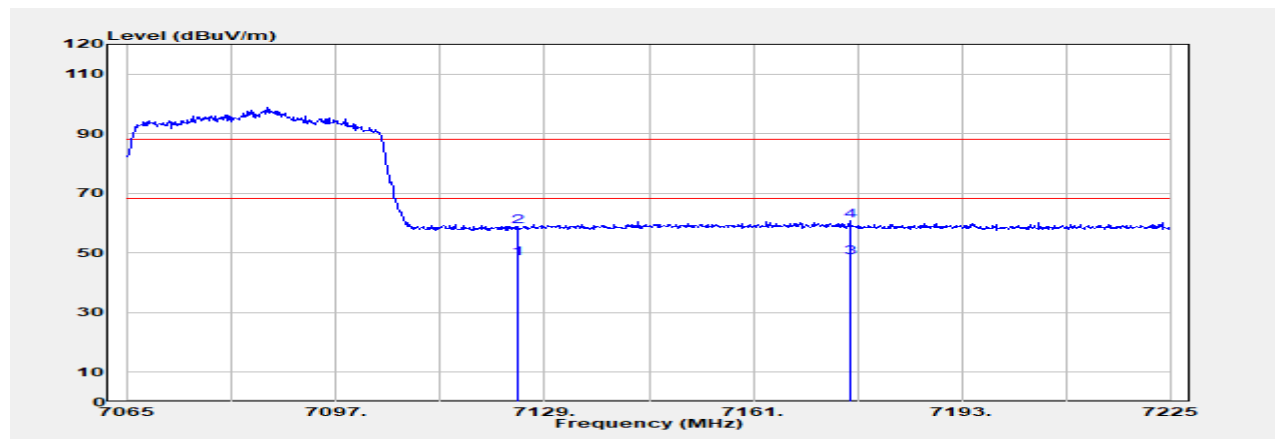
Temp./Humi. :21.1/70

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
7125.000	Average	40.51	7.54	48.05	68.20	-20.15
7125.000	Peak	51.38	7.54	58.91	88.20	-29.29
7175.880	Average	40.71	7.74	48.45	68.20	-19.75
7175.880	Peak	53.18	7.74	60.92	88.20	-27.28

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2022-10-14

Test Frequency :7085 MHz

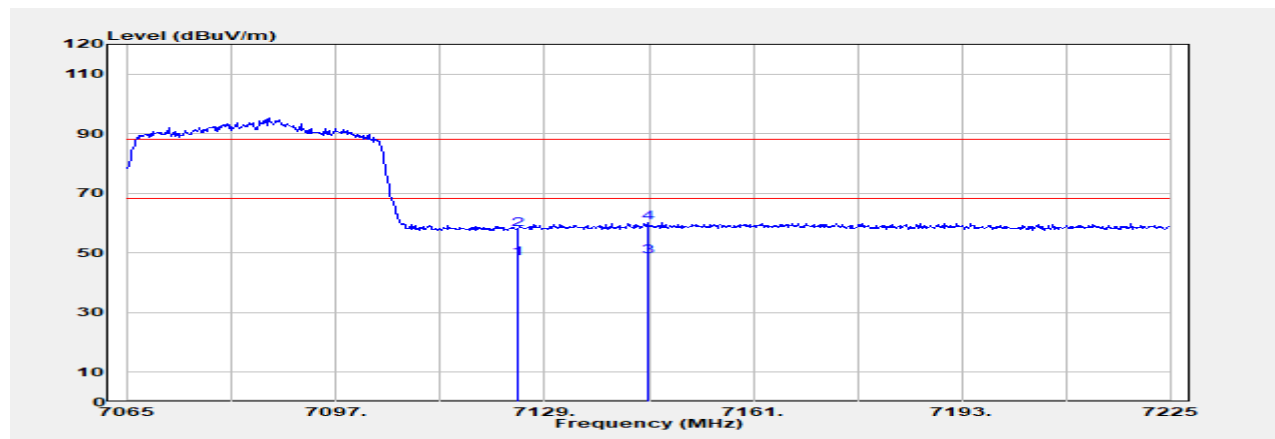
Temp./Humi. :21.1/70

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
7125.000	Average	40.62	7.54	48.15	68.20	-20.05
7125.000	Peak	50.42	7.54	57.96	88.20	-30.24
7144.840	Average	41.04	7.75	48.78	68.20	-19.42
7144.840	Peak	52.37	7.75	60.11	88.20	-28.09

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2022-10-18

Test Frequency :7085 MHz

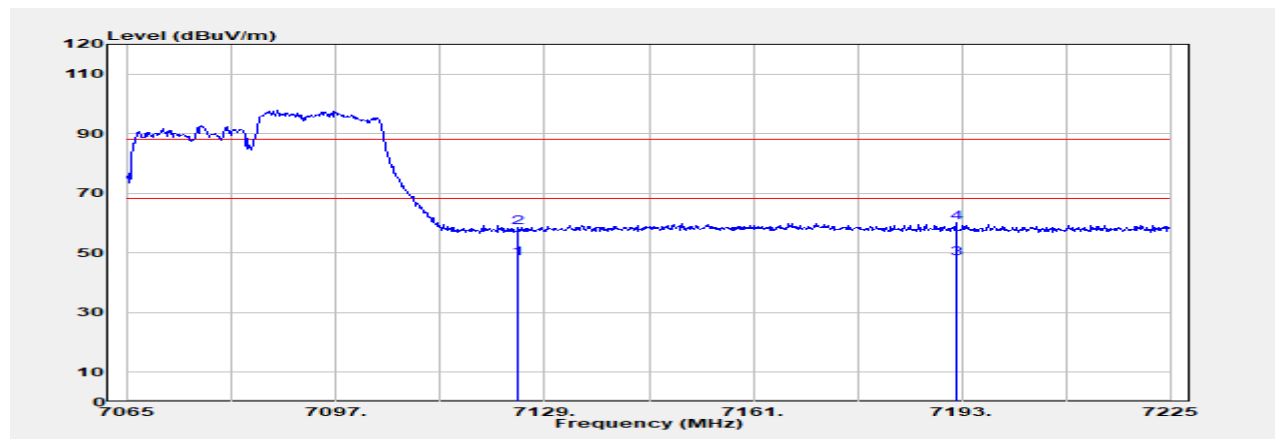
Temp./Humi. :21.4/67

Test Mode :Bandedge 242/62

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
7125.000	Average	40.58	7.54	48.12	68.20	-20.08
7125.000	Peak	50.87	7.54	58.40	88.20	-29.80
7192.200	Average	40.75	7.40	48.15	68.20	-20.05
7192.200	Peak	52.62	7.40	60.02	88.20	-28.18

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Member of SGS Group

Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2022-10-18

Test Frequency :7085 MHz

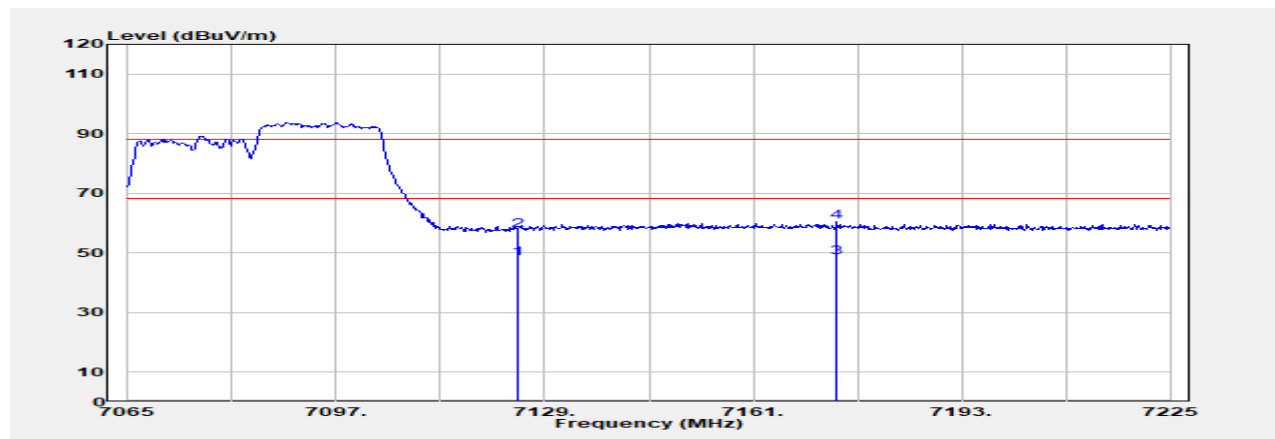
Temp./Humi. :21.4/67

Test Mode :Bandedge 242/62

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
7125.000	Average	40.51	7.54	48.04	68.20	-20.16
7125.000	Peak	49.92	7.54	57.46	88.20	-30.74
7173.800	Average	40.76	7.84	48.61	68.20	-19.59
7173.800	Peak	52.56	7.84	60.40	88.20	-27.80

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2022-10-14

Test Frequency :5985 MHz

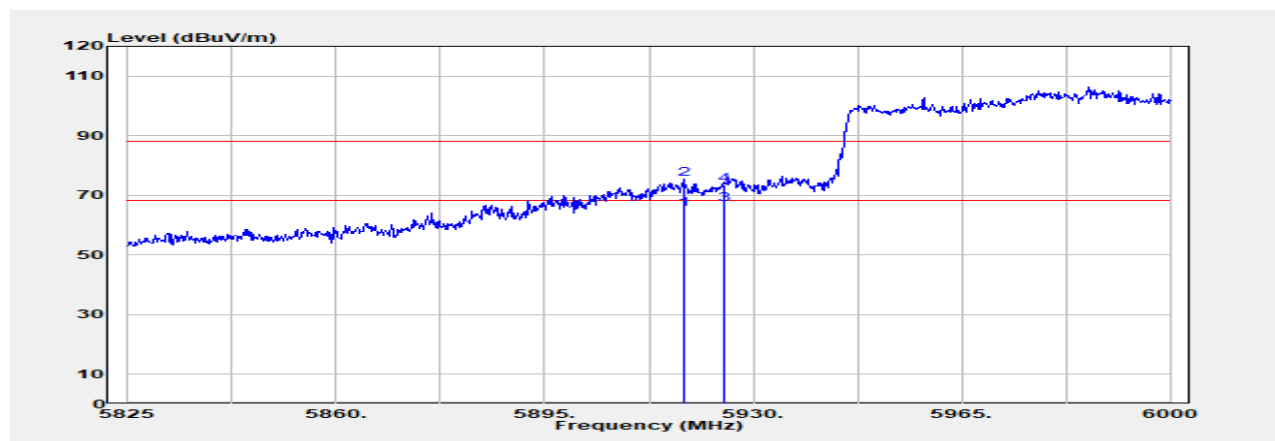
Temp./Humi. :21.1/70

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
5918.275	Average	60.89	4.50	65.40	68.20	-2.80
5918.275	Peak	71.01	4.50	75.51	88.20	-12.69
5925.000	Average	62.45	4.45	66.90	68.20	-1.30
5925.000	Peak	68.92	4.45	73.37	88.20	-14.83

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2022-10-14

Test Frequency :5985 MHz

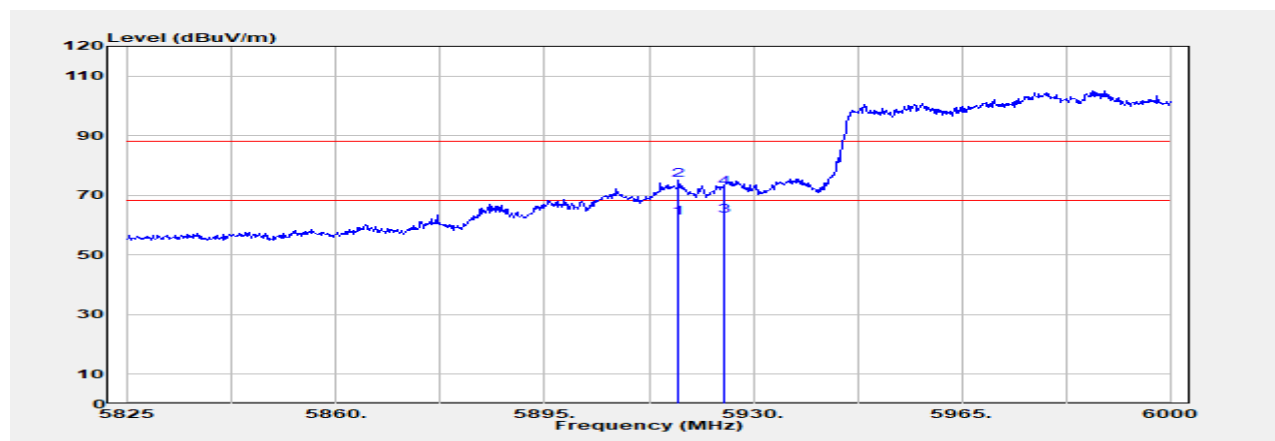
Temp./Humi. :21.1/70

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
5917.400	Average	57.84	4.51	62.35	68.20	-5.85
5917.400	Peak	70.47	4.51	74.98	88.20	-13.22
5925.000	Average	58.73	4.45	63.18	68.20	-5.02
5925.000	Peak	67.93	4.45	72.39	88.20	-15.81

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2022-10-14

Test Frequency :7025 MHz

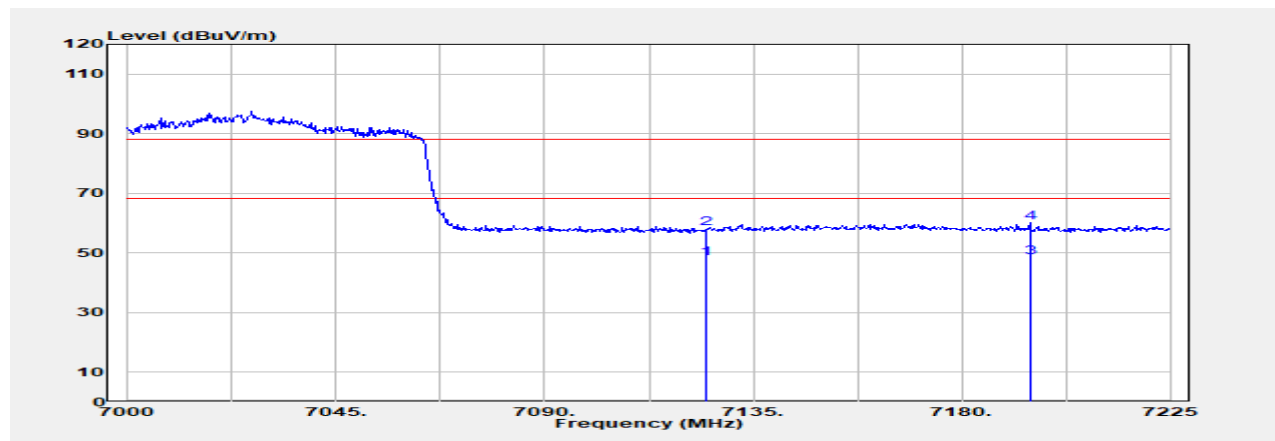
Temp./Humi. :21.1/70

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
7125.000	Average	40.69	7.54	48.23	68.20	-19.97
7125.000	Peak	50.66	7.54	58.19	88.20	-30.01
7194.850	Average	40.97	7.35	48.32	68.20	-19.88
7194.850	Peak	52.97	7.35	60.32	88.20	-27.88

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2022-10-14

Test Frequency :7025 MHz

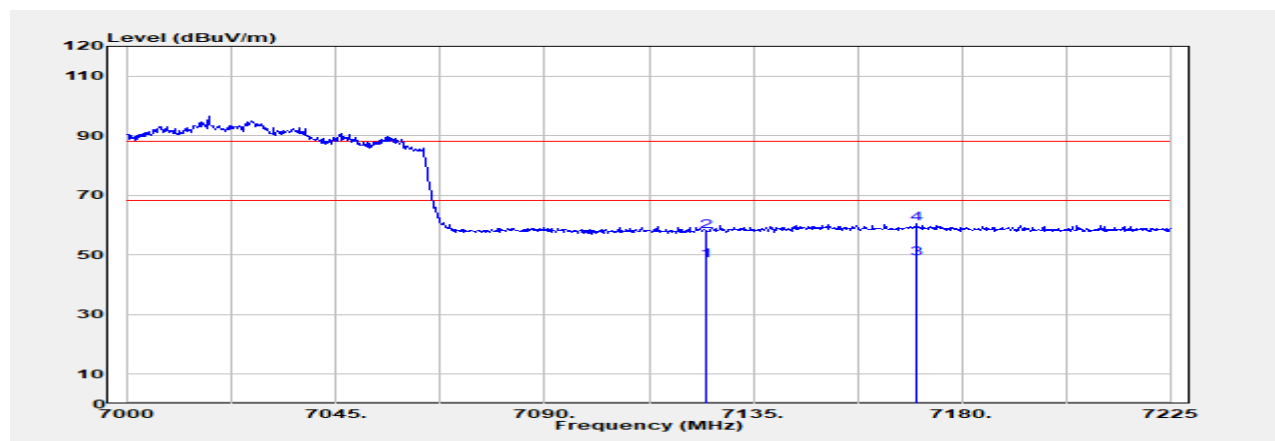
Temp./Humi. :21.1/70

Test Mode :Bandedge

Antenna Pol. :Horizontal

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
7125.000	Average	40.52	7.54	48.05	68.20	-20.15
7125.000	Peak	50.46	7.54	58.00	88.20	-30.20
7170.325	Average	40.85	8.00	48.86	68.20	-19.34
7170.325	Peak	52.63	8.00	60.64	88.20	-27.56

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax160

Test Date :2022-10-14

Test Frequency :6025 MHz

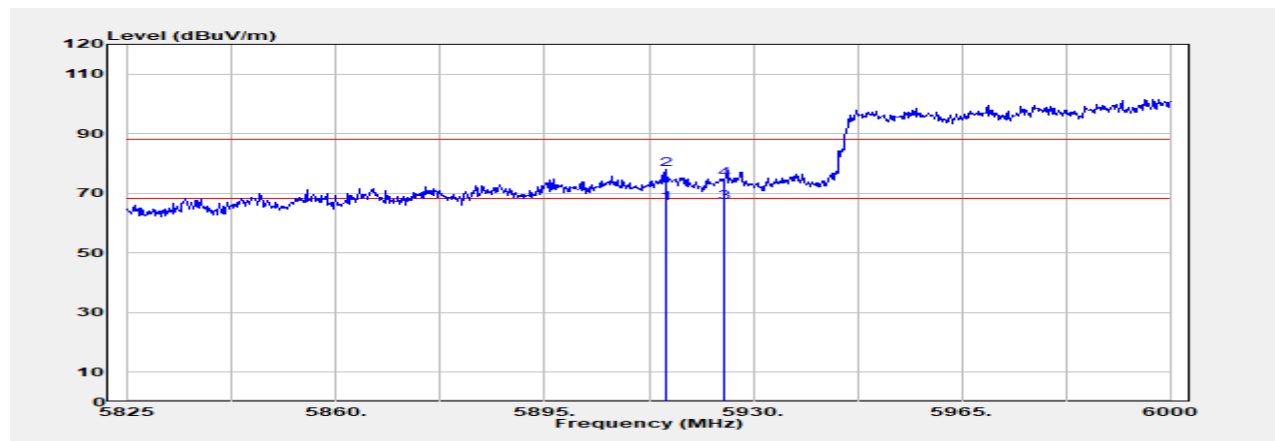
Temp./Humi. :21.1/70

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
5915.300	Average	62.28	4.52	66.80	68.20	-1.40
5915.300	Peak	73.46	4.52	77.98	88.20	-10.22
5925.000	Average	62.56	4.45	67.01	68.20	-1.19
5925.000	Peak	70.26	4.45	74.71	88.20	-13.49

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax160

Test Date :2022-10-14

Test Frequency :6025 MHz

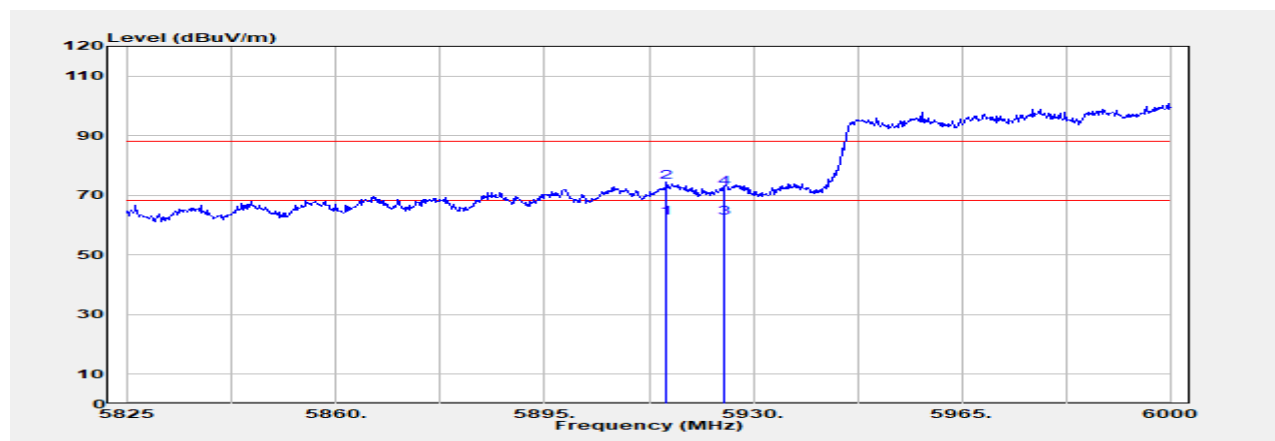
Temp./Humi. :21.1/70

Test Mode :Bandedge

Antenna Pol. :Horizontal

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
5915.475	Average	57.95	4.52	62.47	68.20	-5.73
5915.475	Peak	69.96	4.52	74.48	88.20	-13.72
5925.000	Average	57.92	4.45	62.38	68.20	-5.82
5925.000	Peak	67.95	4.45	72.40	88.20	-15.80

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax160

Test Date :2022-10-14

Test Frequency :6985 MHz

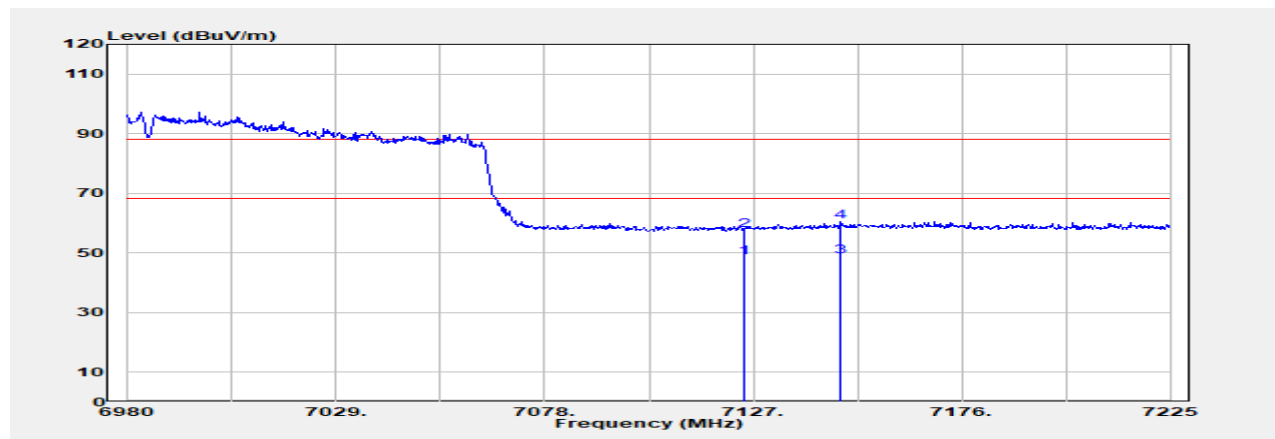
Temp./Humi. :21.1/70

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
7125.000	Average	40.77	7.54	48.30	68.20	-19.90
7125.000	Peak	50.14	7.54	57.68	88.20	-30.52
7147.580	Average	41.11	7.82	48.93	68.20	-19.27
7147.580	Peak	52.71	7.82	60.52	88.20	-27.68

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Report Number :TERF2208001577E2

Test Site :SAC G

Operation Mode :802.11ax160

Test Date :2022-10-14

Test Frequency :6985 MHz

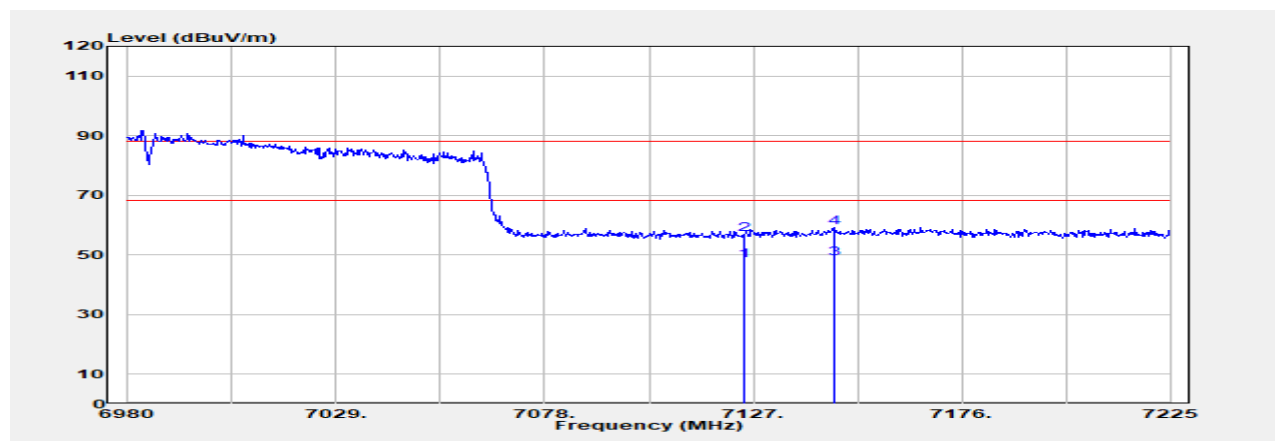
Temp./Humi. :21.1/70

Test Mode :Bandedge

Antenna Pol. :Horizontal

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
7125.000	Average	40.58	7.54	48.11	68.20	-20.09
7125.000	Peak	49.22	7.54	56.75	88.20	-31.45
7145.865	Average	40.99	7.77	48.76	68.20	-19.44
7145.865	Peak	51.44	7.77	59.21	88.20	-28.99

~ End of Report ~

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