

ELECTROMAGNETIC EMISSIONS
TEST REPORT

Applicant: MediaTek Inc.
No. 1, Dusing 1st Rd., Hsinchu Science Park Hsinchu City,
30078 Taiwan

Product Name: 2TX 11ax (WiFi6E) BW160 + BT/BLE Combo Card

Brand Name: MediaTek

Model No.: MT7922A22M

Model Difference: N/A

Report Number: E2/2021/C0067

FCC ID RAS-MT7922A22M

Issue Date: February 8, 2022

Date of Test: December 17, 2021 ~ January 20, 2022

Date of EUT Received: December 10, 2021

Approved By

Vito Pei

Vito Pei

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
E2/2021/C0067	00	Original	February 8, 2022	Yuri Tsai	

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:	Notebook Computer
Brand Name:	<i>acer</i>
Model No. of FCC Host:	N22C2
Model No. of BT/WLAN Module:	MT7922A22M
Class II Permissive change:	2TX 11ax (WiFi6E) BW160 + BT/BLE Combo Card INSTALLED IN Notebook Computer
Power Supply:	15.4Vdc from Rechargeable Li-ion Battery or 19.5Vdc from AC/DC Adapter

1.2 Modulation & Data Rate

Modulation type:	64QAM, 16QAM, QPSK, BPSK for OFDM
	256QAM for OFDM in 802.11ac only
	1024QAM for OFDMA in 802.11ax only
Transition Rate:	802.11 a: 6.5 - 54 Mbps
	802.11 n_20MHz: 6.5 - 144.4 Mbps
	802.11 n_40MHz: 13.5 - 300 Mbps
	802.11 ac_20MHz: 6.5 - 173.4 Mbps
	802.11 ac_40MHz: 13.5 - 400 Mbps
	802.11 ac_80MHz: 29.3 - 866.6 Mbps
	802.11 ac_160MHz: 58.5 - 1733.4 Mbps
	802.11 ax_20MHz: 8.6 - 286.8 Mbps
	802.11 ax_40MHz: 17.2 - 573.6 Mbps
	802.11 ax_80MHz: 36 - 1201 Mbps
	802.11 ax_160MHz: 68 - 2402 Mbps

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1.3 Antenna Designation

Antenna Type	Supplier	Main / Aux	Antenna Part No.	Freq. (MHz)	Peak Antenna Gain (dBi)	Directional Gain (dBi)
PIFA	WNC	Main	81EABS15.G09 (DC33002NN00)	5150~5250	2.34	5.44
				5250~5350	2.34	5.35
				5470~5725	1.80	5.16
				5725~5850	1.80	4.84
PIFA	WNC	Aux	81EABS15.G10 (DC33002NN10)	5150~5250	2.51	5.44
				5250~5350	2.33	5.35
				5470~5725	2.48	5.16
				5725~5850	1.86	4.84

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 FCC

Wi-Fi	Frequency Range	Channels	Rated Power(Avg) (dBm) (Worst Case)	Modulation Technology
a/ ac_VHT/ ax_HE 20M	5180~5240	4	22.81 dBm	OFDM/OFDMA
	5260~5320	4	22.61 dBm	OFDM/OFDMA
	5500~5720	12	22.69 dBm	OFDM/OFDMA
	5745~5825	5	22.48 dBm	OFDM/OFDMA
ac_VHT/ ax_HE 40M	5190~5230	2	22.38 dBm	OFDM/OFDMA
	5270~5310	2	22.68 dBm	OFDM/OFDMA
	5510~5710	6	22.24 dBm	OFDM/OFDMA
	5755~5795	2	22.48 dBm	OFDM/OFDMA
ac_VHT/ ax_HE 80M	5210	1	14.86 dBm	OFDM/OFDMA
	5290	1	16.05 dBm	OFDM/OFDMA
	5530~5690	3	20.87 dBm	OFDM/OFDMA
	5775	1	20.84 dBm	OFDM/OFDMA
ac_VHT/ ax_HE 160M	5250	1	14.95 dBm	OFDM/OFDMA
	5570	1	16.43 dBm	OFDM/OFDMA

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1.5 Test Methodology of Applied Standards

FCC Part 15, Subpart E §15.407

FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01

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 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.

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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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2.5 Configuration of Tested System

Fig. 2-1 Radiated Emission Configuration



Fig. 2-2 Conducted (Antenna Port) Emission Configuration



Table 2-1 Equipment Used in Tested System

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	Data Cable	Power Cord
1.	WLAN Test Software	N/A	N/A	N/A	N/A	N/A

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3 SUMMARY OF TEST RESULT

FCC Rules	Description Of Test	Result
§15.407(a)	Maximum Conducted Output Power	Compliant
§15.205 §15.209 §15.407(b)	Undesirable Radiated Emissions	Compliant

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4 DESCRIPTION OF TEST MODES

4.1 802.11a/n/ac/ax operated in U-NII Bands

Operated band in 5150 MHz ~5250 MHz:

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

Operated band in 5250 MHz ~5350 MHz:

20 M		40 M		80 M		160 M	
CH	Freq (MHz)	CH	Freq (MHz)	CH	Freq (MHz)	CH	Freq (MHz)
52	5260	54	5270	58	5290	50	5250
56	5280	62	5310				
60	5300						
64	5320						

Operated band in 5470 MHz ~5725 MHz:

20 M		40 M		80 M		160 M	
CH	Freq (MHz)	CH	Freq (MHz)	CH	Freq (MHz)	CH	Freq (MHz)
100	5500	102	5510	106	5530	114	5570
104	5520	110	5550	122	5610		
108	5540	118	5590	138	5690		
112	5560	126	5630				
116	5580	134	5670				
120	5600	142	5710				
124	5620						
128	5640						
132	5660						
136	5680						
140	5700						
144	5720						

Operated band in 5745 MHz ~5850 MHz:

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

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4.2 The Worst Test Modes and Channel Details

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

The gevin UE is pre-scanned among below modes.

Modulation	Transmission Chain				Single Transmission Spatial	Multiple Transmission Spatial
<input checked="" type="checkbox"/> 802.11 a	<input checked="" type="checkbox"/> Ch0	<input checked="" type="checkbox"/> Ch1	<input type="checkbox"/> Ch2	<input type="checkbox"/> Ch3	<input type="checkbox"/> 1TX	<input checked="" type="checkbox"/> 2TX
<input checked="" type="checkbox"/> 802.11 n	<input checked="" type="checkbox"/> Ch0	<input checked="" type="checkbox"/> Ch1	<input type="checkbox"/> Ch2	<input type="checkbox"/> Ch3	<input type="checkbox"/> SISO	<input checked="" type="checkbox"/> MIMO
<input checked="" type="checkbox"/> 802.11 ac	<input checked="" type="checkbox"/> Ch0	<input checked="" type="checkbox"/> Ch1	<input type="checkbox"/> Ch2	<input type="checkbox"/> Ch3	<input type="checkbox"/> SISO	<input checked="" type="checkbox"/> MIMO
<input checked="" type="checkbox"/> 802.11 ax	<input checked="" type="checkbox"/> Ch0	<input checked="" type="checkbox"/> Ch1	<input type="checkbox"/> Ch2	<input type="checkbox"/> Ch3	<input type="checkbox"/> SISO	<input checked="" type="checkbox"/> MIMO

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4. Observations have been done for 802.11 ax available RU configurations below and found that the lowest, heighest 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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4.2.1 RADIATED EMISSION TEST:

RADIATED EMISSION TEST (BELOW 1 GHz)						
MODE	FREQUENCY BAND (MHz)	AVAILABLE	TESTED	MODULATION	DATA RATE	ANTENNA
		CHANNEL	CHANNEL		(Mbps)	PORT
802.11a	5180~5240	36 to 48	40	OFDM	6	2TX
	5260~5320	52 to 64	60			
	5500~5720	100 to 144	116			
	5745~5825	149 to 165	157			
802.11ac_VHT160	5250	50	50	OFDMA	MCS0	MIMO
	5570	114	114			
RADIATED EMISSION TEST (ABOVE 1 GHz)						
MODE	FREQUENCY BAND (MHz)	AVAILABLE	TESTED	MODULATION	DATA RATE	ANTENNA
		CHANNEL	CHANNEL		(Mbps)	PORT
802.11a	5180~5240	36 to 48	36,40,48	OFDM	6	2TX
	5260~5320	52 to 64	52,60,64			
	5500~5720	100 to 144	100,116,140,144			
	5745~5825	149 to 165	149,157,165			
802.11ac_VHT20	5180~5240	36 to 48	36,40,48	OFDM	MCS0	MIMO
	5260~5320	52 to 64	52,60,64			
	5500~5700	100 to 140	100,116,140			
	5745~5825	149 to 165	149,157,165			
802.11ac_VHT40	5190~5230	38 to 46	38,46	OFDM	MCS0	MIMO
	5270~5310	54 to 62	54,62			
	5510~5670	102 to 134	102,110,134			
	5755~5795	151 to 159	151,159			
802.11ac_VHT80	5210	42	42	OFDM	MCS0	MIMO
	5290	58	58			
	5530~5610	106 to 138	106,122,138			
	5775	155	155			
802.11ac_VHT160	5250	50	50	OFDM	MCS0	MIMO
	5570	114	114			

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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	5180~5240	36 to 48	36,40,48	OFDMA	FULL RU 26/0,26/8 52/37,52/40 106/53,106/54	MCS0	MIMO
	5260~5320	52 to 64	52,60,64				
	5500~5720	100 to 144	100,116,140,144				
	5745~5825	149 to 165	149,157,165				
802.11ax_HE40	5190~5230	38 to 46	38,46	OFDMA	FULL RU 242/61,242/62	MCS0	MIMO
	5270~5310	54 to 62	54,62				
	5510~5670	102 to 142	102,110,134,142				
	5755~5795	151 to 159	151,159				
802.11ax_HE80	5210	42	42	OFDMA	FULL RU 484/65,484/66	MCS0	MIMO
	5290	58	58				
	5530~5610	106 to 138	106,122,138				
	5775	155	155				
802.11ax_HE160	5250	50	50	OFDMA	FULL RU 484/65,484/66	MCS0	MIMO
	5570	114	114				

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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4.2.2 ANTENNA PORT CONDUCTED MEASUREMENT:

CONDUCTED TEST						
MODE	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)	ANTENNA PORT
802.11a	5180~5240	36 to 48	36,40,48	OFDM	6	2TX
	5260~5320	52 to 64	52,60,64			
	5500~5720	100 to 144	100,116,140,144			
	5745~5825	149 to 165	149,157,165			
802.11ac_VHT20	5180~5240	36 to 48	36,40,48	OFDM	MCS0	MIMO
	5260~5320	52 to 64	52,60,64			
	5500~5700	100 to 140	100,116,140			
	5745~5825	149 to 165	149,157,165			
802.11ac_VHT40	5190~5230	38 to 46	38,46	OFDM	MCS0	MIMO
	5270~5310	54 to 62	54,62			
	5510~5670	102 to 134	102,110,134			
	5755~5795	151 to 159	151,159			
802.11ac_VHT80	5210	42	42	OFDM	MCS0	MIMO
	5290	58	58			
	5530~5610	106 to 138	106,122,138			
	5775	155	155			
802.11ac_VHT160	5250	50	50	OFDM	MCS0	MIMO
	5570	114	114			

CONDUCTED TEST							
MODE	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	RU CONFIGURATION	DATA RATE (Mbps)	ANTENNA PORT
802.11ax_HE20	5180~5240	36 to 48	36,40,48	OFDMA	FULL RU 26/0,26/8 52/37,52/40 106/53,106/54	MCS0	MIMO
	5260~5320	52 to 64	52,60,64				
	5500~5720	100 to 144	100,116,140,144				
	5745~5825	149 to 165	149,157,165				
802.11ax_HE40	5190~5230	38 to 46	38,46	OFDMA	FULL RU 242/61,242/62	MCS0	MIMO
	5270~5310	54 to 62	54,62				
	5510~5670	102 to 142	102,110,134,142				
	5755~5795	151 to 159	151,159				
802.11ax_HE80	5210	42	42	OFDMA	FULL RU 484/65,484/66	MCS0	MIMO
	5290	58	58				
	5530~5610	106 to 138	106,122,138				
	5775	155	155				
802.11ax_HE160	5250	50	50	OFDMA	FULL RU 484/65,484/66	MCS0	MIMO
	5570	114	114				

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5 MEASUREMENT UNCERTAINTY

Test Items	Uncertainty
Output Power measurement	+/- 1 dB

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 MAXIMUM CONDUCTED OUTPUT POWER MEASUREMENT

6.1 Standard Applicable

FCC

OPERZTION Band	EUT CATEGORY		LIMIT
U-NII-1		Access Point (Master device)	1 Watt(30dBm)
		Fixed point-to-point Access Ponit	1 Watt(30dBm)
	√	Mobile and portable client device	250mW(23.98dBm)
U-NII-2A	√		250mW(23.98dBm) or 11dBm+10 log B
U-NII-2C	√		250mW(23.98dBm) or 11dBm+10 log B
U-NII-3	√		1 Watt(30dBm)
If transmitting antennas of directional gain greater than 6 dBi are used, the Maximum transmit power shall be reduced by the amount in dB that the direction-al gain of the antenna exceeds 6 dBi.			

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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.

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

where

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

NSS = the number of independent spatial streams of data;

NANT = the total number of antennas

$g_{j,k} = 10^{G_k/20}$ 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.

6.2 Measurement Procedure

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

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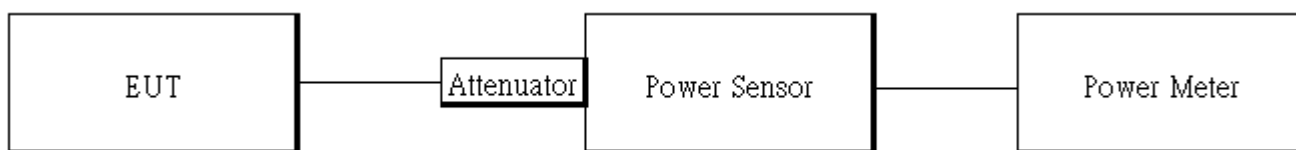
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6.3 Measurement Equipment Used

Conducted Emission Test Site: Conducted B					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Spectrum Analyzer	KEYSIGHT	N9010A	MY51440113	07/13/2021	07/12/2022
Test Software	SGS Taiwan	Radio Test Software	Ver.21	N.C.R	N.C.R
Attenuator	Marvelous	MVE2213-10	RF06	11/18/2021	11/17/2022
DC Block	PASTER-NACK	PE8210	RF158	11/18/2021	11/17/2022
Coaxial Cables	Woken	00100A1F1A185C	RF87	11/18/2021	11/17/2022
Power Meter	Anritsu	ML2496A	1512003	07/27/2021	07/26/2022
Power Meter	Anritsu	ML2496A	1804002	04/14/2021	04/13/2022
Power Meter	Anritsu	ML2496A	1326001	08/12/2021	08/11/2022

Note: N.C.R refers to No calibration required

6.4 Test Set-up



6.5 Measurement Result

6.5.1 Conducted output power (FCC)

802.11a_2TX									
CH	Frequency (MHz)	Data Rate	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
				Ch0	Ch1				
36	5180	6	14.5	18.67	18.87	21.92	155.597	23.98	PASS
40	5200	6	14	18.71	18.76	21.88	154.170	23.98	PASS
48	5240	6	13.5	18.49	18.56	21.67	146.893	23.98	PASS
52	5260	6	14	18.7	18.87	21.93	155.955	23.98	PASS
60	5300	6	14	18.61	18.65	21.78	150.661	23.98	PASS
64	5320	6	14	18.59	18.75	21.82	152.055	23.98	PASS
100	5500	6	14.5	18.42	18.74	21.73	148.936	23.98	PASS
116	5580	6	14.5	18.91	19.16	22.18	165.196	23.98	PASS
140	5700	6	14.5	18.84	18.76	21.95	156.675	23.98	PASS
144	5720 (U-NII 2C)	6	13	16.48	16.44	19.60	91.256	22.7	PASS
144	5720 (U-NII 3)	6	13	11.59	11.82	14.84	30.512	30	PASS
149	5745	6	15	19.01	19.13	22.22	166.725	30	PASS
157	5785	6	14.5	19.25	19.38	22.46	176.198	30	PASS
165	5825	6	14.5	19.27	19.4	22.48	177.011	30	PASS

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802.11ac_VHT20_MIMO									
CH	Frequency (MHz)	Data Rate	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
				Ch0	Ch1				
36	5180	MCS0	15.5	18.43	18.68	21.83	152.405	23.98	PASS
40	5200	MCS0	16	19.1	19.31	22.48	177.011	23.98	PASS
48	5240	MCS0	16	19.37	19.7	22.81	190.985	23.98	PASS
52	5260	MCS0	15.5	18.85	19.4	22.40	173.780	23.98	PASS
60	5300	MCS0	15.5	18.61	19.07	22.12	162.930	23.98	PASS
64	5320	MCS0	15.5	18.57	19.02	22.07	161.065	23.98	PASS
100	5500	MCS0	15	17.88	18.08	21.25	133.352	23.98	PASS
116	5580	MCS0	16	19.25	19.38	22.59	181.552	23.98	PASS
140	5700	MCS0	12.5	15.79	15.66	19.00	79.433	23.98	PASS
144	5720(U-NII 2C)	MCS0	15.5	17.88	17.86	21.14	129.957	23.98	PASS
144	5720 (U-NII 3)	MCS0	15.5	13.39	13.25	16.59	45.648	30	PASS
149	5745	MCS0	16	18.85	19.47	22.44	175.388	30	PASS
157	5785	MCS0	15.5	18.76	19.24	22.28	169.044	30	PASS
165	5825	MCS0	15.5	18.85	19.39	22.40	173.780	30	PASS
802.11ac_VHT40_MIMO									
CH	Frequency (MHz)	Data Rate	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
				Ch0	Ch1				
38	5190	MCS0	13.5	16.53	16.73	20.13	103.039	23.98	PASS
46	5230	MCS0	15	18.73	18.81	22.27	168.655	23.98	PASS
54	5270	MCS0	15.5	18.99	19.36	22.68	185.353	23.98	PASS
62	5310	MCS0	12.5	15.72	16.11	19.42	87.498	23.98	PASS
102	5510	MCS0	12.5	15.78	16.25	19.52	89.536	23.98	PASS
110	5550	MCS0	15	18.52	18.57	22.04	159.956	23.98	PASS
134	5670	MCS0	14	17.39	17.63	21.01	126.183	23.98	PASS
142	5710(U-NII 2C)	MCS0	14.5	17.11	17.46	20.79	119.949	23.98	PASS
142	5710 (U-NII 3)	MCS0	14.5	8.83	8.81	12.32	17.078	30	PASS
151	5755	MCS0	15.5	18.66	19.21	22.44	175.388	30	PASS
159	5795	MCS0	15.5	18.67	19.24	22.46	176.198	30	PASS
802.11ac_VHT80_MIMO									
CH	Frequency (MHz)	Data Rate	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
				Ch0	Ch1				
42	5210	MCS0	8.5	10.88	11.07	14.86	30.620	23.98	PASS
58	5290	MCS0	10	12.21	12.12	16.05	40.272	23.98	PASS
106	5530	MCS0	11.5	13.54	13.74	17.53	56.624	23.98	PASS
122	5610	MCS0	14	16.93	17.04	20.87	122.180	23.98	PASS
138	5690(U-NII 2C)	MCS0	14	16.00	16.13	19.96	98.992	23.98	PASS
138	5690 (U-NII 3)	MCS0	14	4.12	3.98	7.94	6.222	30	PASS
155	5775	MCS0	14	16.65	17.07	20.75	118.850	30	PASS
802.11ac_VHT160_MIMO									
CH	Frequency (MHz)	Data Rate	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
				Ch0	Ch1				
50	5250	MCS0	8	8.82	8.73	13.13	20.559	23.98	PASS
114	5570	MCS0	9.5	10.99	11.02	15.36	34.356	23.98	PASS

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802.11ax_HE20_MIMO										
CH	Frequency (MHz)	Data Rate	RU config.	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
					Ch0	Ch1				
36	5180	MCS0	full	15.5	17.85	18.21	21.86	153.462	23.98	PASS
		MCS0	26/0	8	11.39	11.26	15.15	32.734	23.98	PASS
		MCS0	106/53	12.5	15.53	15.76	19.47	88.512	23.98	PASS
40	5200	MCS0	full	16	18.49	18.85	22.50	177.828	23.98	PASS
48	5240	MCS0	full	15.5	18.88	19.04	22.78	189.671	23.98	PASS
		MCS0	52/37	9.5	13.51	13.84	17.50	56.234	23.98	PASS
52	5260	MCS0	full	16	18.63	18.94	22.61	182.390	23.98	PASS
60	5300	MCS0	full	15.5	18.32	18.66	22.32	170.608	23.98	PASS
64	5320	MCS0	full	15.5	18.42	18.73	22.40	173.780	23.98	PASS
		MCS0	26/8	7	10.84	10.9	14.69	29.444	23.98	PASS
		MCS0	106/54	11	14.48	14.7	18.41	69.343	23.98	PASS
100	5500	MCS0	full	15.5	17.49	17.97	21.56	143.219	23.98	PASS
		MCS0	26/0	8	10.8	10.85	14.65	29.174	23.98	PASS
		MCS0	106/53	12	14.76	15.24	18.83	76.384	23.98	PASS
116	5580	MCS0	full	15.5	18.47	18.82	22.47	176.604	23.98	PASS
140	5700	MCS0	full	12.5	15.24	15.29	19.09	81.096	23.98	PASS
		MCS0	26/8	7	10.54	10.71	14.45	27.861	23.98	PASS
		MCS0	106/54	10.5	13.74	13.85	17.62	57.810	23.98	PASS
144	5720(U-NII 2C)	MCS0	full	16	17.43	17.68	21.37	137.174	22.87	PASS
144	5720 (U-NII 3)	MCS0	full	16	12.99	13.12	16.87	48.679	30	PASS
149	5745	MCS0	full	15.5	18.41	18.65	22.35	171.791	30	PASS
		MCS0	26/0	15.5	18.72	19.09	22.73	187.499	30	PASS
		MCS0	106/53	15.5	18.56	19.01	22.61	182.390	30	PASS
157	5785	MCS0	full	15.5	18.4	18.73	22.39	173.380	30	PASS
165	5825	MCS0	full	15.5	18.45	18.85	22.48	177.011	30	PASS
		MCS0	26/8	15.5	18.52	19.46	22.84	192.309	30	PASS
		MCS0	52/40	15.5	18.59	19.48	22.88	194.089	30	PASS
		MCS0	106/54	15.5	18.54	19.53	22.89	194.536	30	PASS

802.11ax_HE40_MIMO										
CH	Frequency (MHz)	Data Rate	RU config.	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
					Ch0	Ch1				
38	5190	MCS0	full	12	15.21	15.51	19.23	83.753	23.98	PASS
46	5230	MCS0	full	14.5	18.49	18.53	22.38	172.982	23.98	PASS
54	5270	MCS0	full	15	18.54	18.76	22.52	178.649	23.98	PASS
62	5310	MCS0	full	12	15.55	15.8	19.54	89.950	23.98	PASS
102	5510	MCS0	full	12.5	15.62	15.73	19.54	89.950	23.98	PASS
110	5550	MCS0	full	14.5	18.35	18.4	22.24	89.950	23.98	PASS
134	5670	MCS0	full	13.5	17.08	17.25	21.03	126.765	23.98	PASS
142	5710(U-NII 2C)	MCS0	full	14.5	17.21	17.38	21.16	130.761	23.98	PASS
142	5710 (U-NII 3)	MCS0	full	14.5	8.45	8.60	12.40	17.359	30	PASS
151	5755	MCS0	full	15	18.34	18.76	22.42	174.582	30	PASS
159	5795	MCS0	full	15	18.42	18.79	22.48	177.011	30	PASS

802.11ax_HE80_MIMO										
CH	Frequency (MHz)	Data Rate	RU config.	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
					Ch0	Ch1				
42	5210	MCS0	full	6.5	8.58	8.82	12.60	18.197	23.98	PASS
58	5290	MCS0	full	9	11.36	11.58	15.37	34.435	23.98	PASS
106	5530	MCS0	full	13.5	15.44	15.59	19.41	87.297	23.98	PASS
122	5610	MCS0	full	13.5	16.62	16.92	20.67	116.681	23.98	PASS
138	5690(U-NII 2C)	MCS0	full	13.5	15.41	15.70	19.45	88.204	23.98	PASS
138	5690 (U-NII 3)	MCS0	full	13.5	3.65	3.85	7.65	5.823	30	PASS
155	5775	MCS0	full	14	16.73	17.15	20.84	121.339	30	PASS

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802.11ax_HE160_MIMO										
CH	Frequency (MHz)	Data Rate	RU config.	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
					Ch0	Ch1				
50	5250	MCS0	full	9	11.35	10.74	14.95	31.261	23.98	PASS
114	5570	MCS0	full	10	12.47	12.6	16.43	43.954	23.98	PASS

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7 UNDESIRABLE RADIATED EMISSION MEASUREMENT

7.1 Standard Applicable

7.1.1 Band Edge

The maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

1. For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
2. For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

APPLICABLE TO	EIRP LIMIT	FIELD STRENGTH AT 3m
15.407(b)(1) RSS-247 §6.2.1.2	PK: -27 (dBm/MHz)	PK: 68.2 (dBμV/m)
15.407(b)(2) RSS-247 §6.2.2.2		
15.407(b)(3) RSS-247 §6.2.3.2		
15.407(b)(4)(i) RSS-247 §6.2.4.2	PK:-27 (dBm/MHz) *1 PK:10 (dBm/MHz) *2 PK:15.6 (dBm/MHz) *3 PK:27 (dBm/MHz) *4	PK: 68.2 (dBμV/m) *1 PK:105.2 (dBμV/m) *2 PK: 110.8(dBμV/m) *3 PK:122.2 (dBμV/m) *4
*1 beyond 75 MHz or more above of the bandedge. *2 below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above. *3 below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above. *4 from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.		

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

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7.1.2 Spurious Emission

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

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

Note:

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

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7.2 Measurement Equipment Used

Radiated Emission Test Site: SAC G					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Broadband Antenna	SCHWAZBECK	VULB 9168	1206	02/22/2021	02/21/2022
Horn Antenna	Schwarzbeck	BBHA9170	185	08/06/2021	08/05/2022
Horn Antenna	Schwarzbeck	DRH18-E	210105A18E	04/09/2021	04/08/2022
Loop Antenna	ETS.LINDGREN	6502	143303	05/07/2021	05/06/2022
3m Site NSA	SGS	966 chamber G	N/A	03/30/2021	03/29/2022
Spectrum Analyzer	KEYSIGHT	N9010A	MY57120200	03/22/2021	03/21/2022
Test Software	audix	e3	E3 20923 SGS Ver.9 (C)	N.C.R	N.C.R
Pre-Amplifier	EMC Instruments	EMC330N	980781	03/15/2021	03/14/2022
Pre-Amplifier	EMC Instruments	EMC118A45SE	980815	03/15/2021	03/14/2022
Pre-Amplifier	EMC Instruments	EMC184045B	980135	10/27/2021	10/26/2022
Highpass Filter	WI	WHKX10-2624-3200-1800-80SS	1	05/10/2021	05/09/2022
Highpass Filter	WI	WHKX10-6090-7000-17000-80SS	1	05/10/2021	05/09/2022
Coaxial Cable	EMC Instruments	EMCCFD400-NM-NM-8000-5000-2000	210216 、 210217 、 210218	03/15/2021	03/14/2022
Coaxial Cable	EMC Instruments	EMC104-SM-SM-8000-5000-5000	210219 、 210220 、 210221	03/15/2021	03/14/2022
Coaxial Cable	EMC Instruments	EMC105-NM-NM-5000-15000	210224 、 210306	03/15/2021	03/14/2022

Note: N.C.R refers to No calibration required

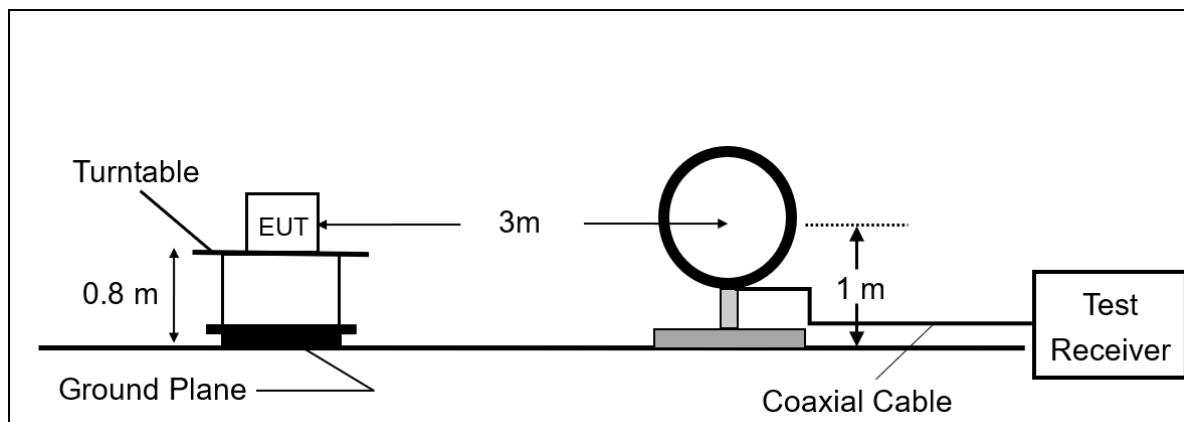
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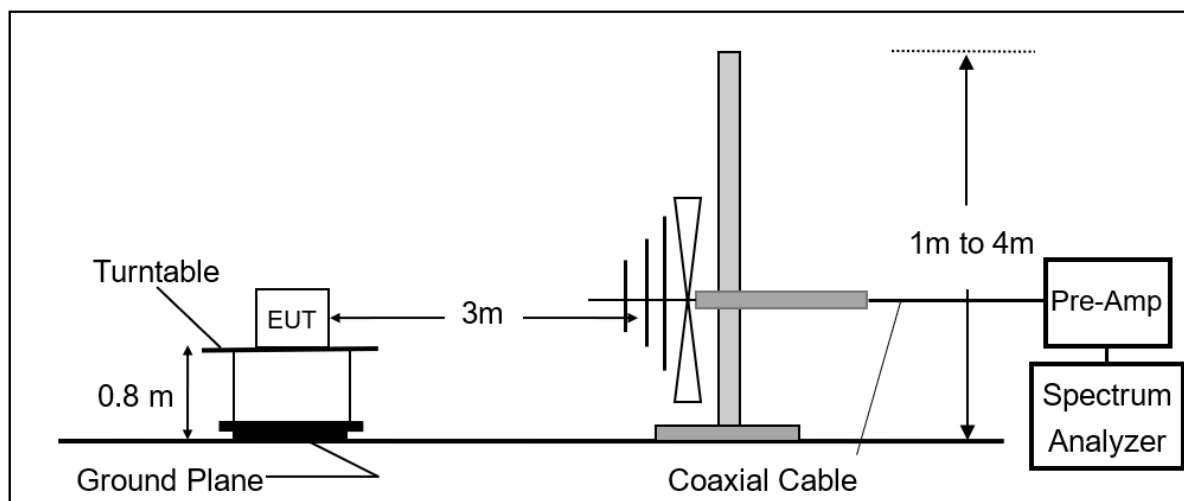
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7.3 Test SET-UP

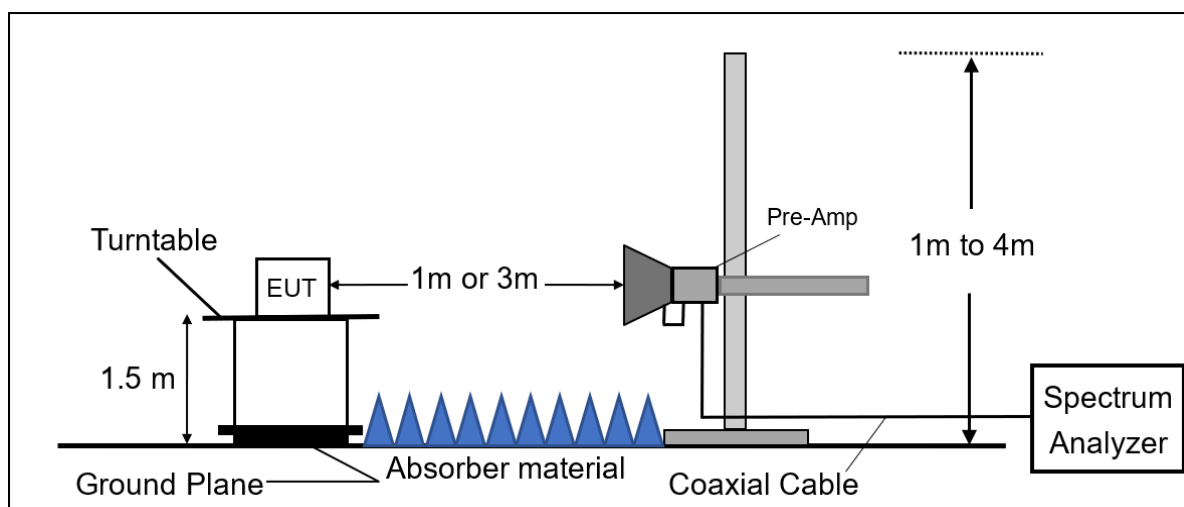
(A) Radiated Emission Test Set-Up, Frequency Below 30MHz.



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



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



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7.4 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.

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7.5 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)

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

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

Pre-scanned was done at frequency 5.47 GHz and 5.85 GHz for bandedge measurement of straddle channels 138, 142 and 144 which was 20dB lower than the limit per 15.31(o) & RSS-GEN §6.13.2 was not reported.

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7.7 Radiated Spurious Emission Measurement Result

7.7.1 Below 1GHz Worst-Case Data:

Report NumTXr :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11a

Test Date :2021-12-24

Test Frequency :5200 MHz

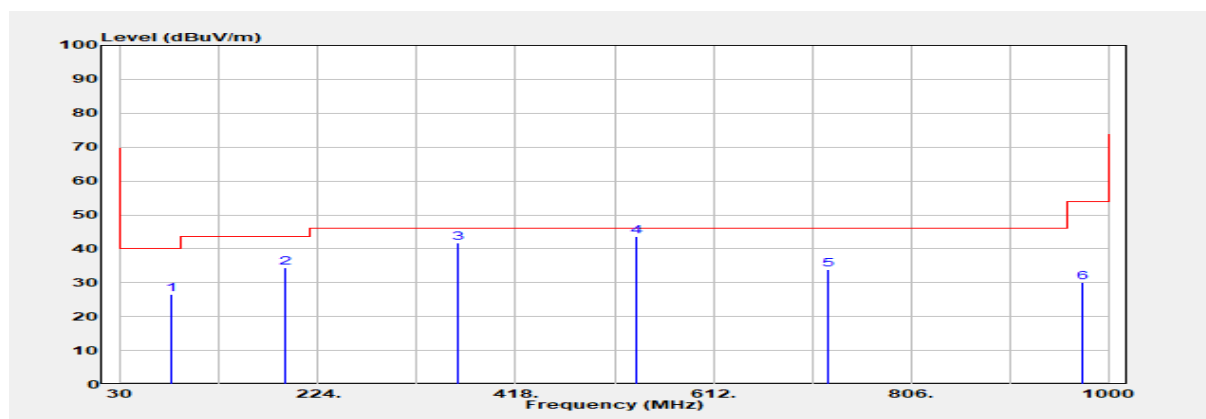
Temp./Humi. :22.3/66

Test Mode :TX CH MID

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
80.440	Peak	44.07	-17.47	26.60	40.00	-13.40
191.990	Peak	50.45	-15.89	34.55	43.50	-8.95
361.740	Peak	52.92	-11.06	41.86	46.00	-4.14
536.340	Peak	50.90	-7.19	43.71	46.00	-2.29
724.520	Peak	36.42	-2.51	33.91	46.00	-12.09
974.780	Peak	30.01	0.09	30.09	54.00	-23.91

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Report NumTXr :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11a

Test Date :2021-12-24

Test Frequency :5200 MHz

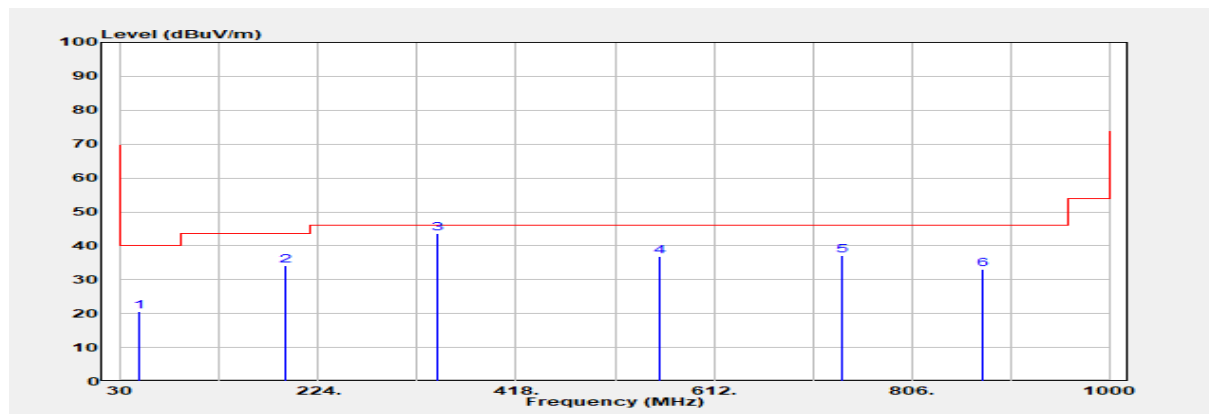
Temp./Humi. :22.3/66

Test Mode :TX CH MID

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
48.430	Peak	33.45	-12.98	20.47	40.00	-19.53
191.990	Peak	50.06	-15.89	34.17	43.50	-9.33
340.400	Peak	54.94	-11.32	43.62	46.00	-2.38
559.620	Peak	43.17	-6.43	36.74	46.00	-9.26
737.130	Peak	40.36	-3.21	37.16	46.00	-8.84
875.840	Peak	33.97	-0.83	33.14	46.00	-12.86

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Report NumTXr :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11a

Test Date :2021-12-24

Test Frequency :5300 MHz

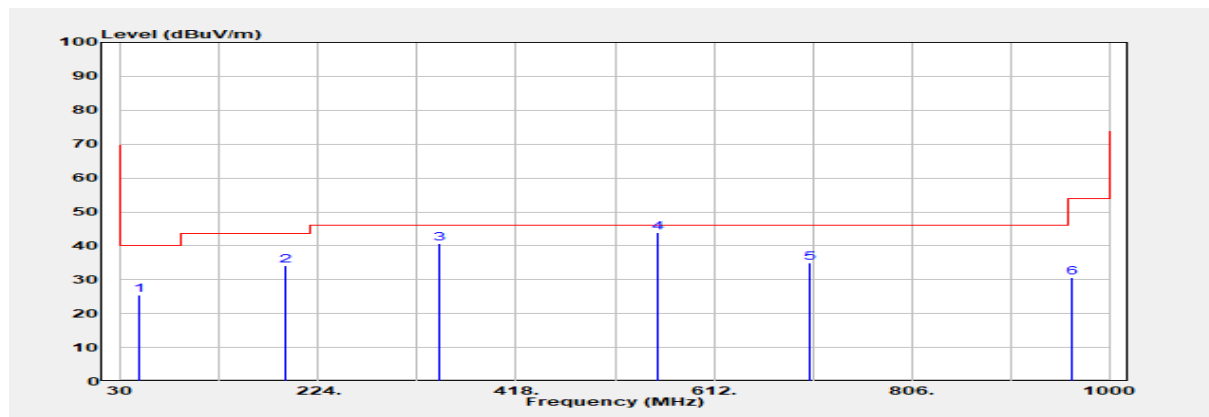
Temp./Humi. :22.3/66

Test Mode :TX CH MID

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
47.460	Peak	38.38	-12.89	25.49	40.00	-14.51
191.990	Peak	50.13	-15.89	34.23	43.50	-9.27
342.340	Peak	51.74	-11.22	40.52	46.00	-5.48
556.710	Peak	50.77	-6.81	43.96	46.00	-2.04
707.060	Peak	38.65	-3.64	35.02	46.00	-10.98
964.110	Peak	30.01	0.53	30.54	54.00	-23.46

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Report NumTXr :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11a

Test Date :2021-12-24

Test Frequency :5300 MHz

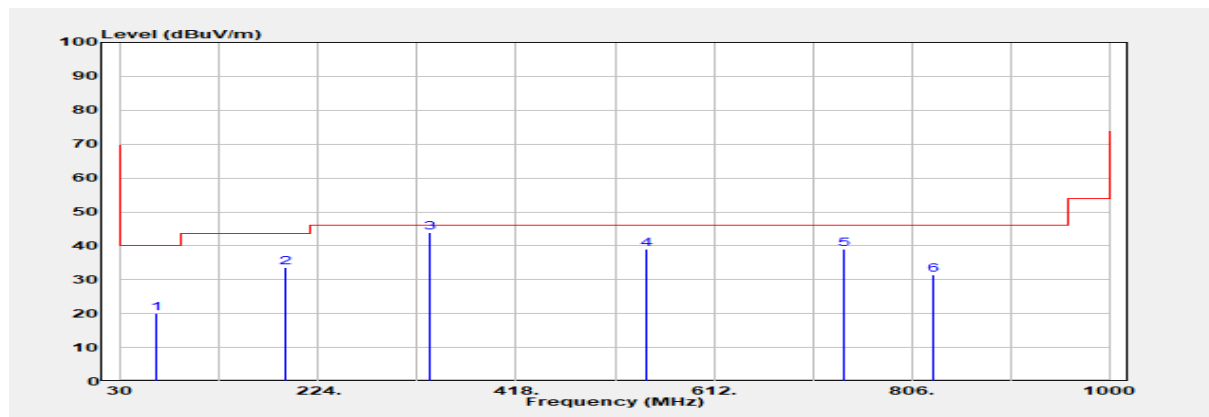
Temp./Humi. :22.3/66

Test Mode :TX CH MID

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
64.920	Peak	34.26	-14.10	20.16	40.00	-19.84
191.990	Peak	49.52	-15.89	33.63	43.50	-9.87
332.640	Peak	55.52	-11.59	43.93	46.00	-2.07
545.070	Peak	46.27	-7.13	39.14	46.00	-6.86
739.070	Peak	42.48	-3.41	39.06	46.00	-6.94
827.340	Peak	33.50	-2.02	31.47	46.00	-14.53

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Report NumTXr :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11a

Test Date :2021-12-24

Test Frequency :5580 MHz

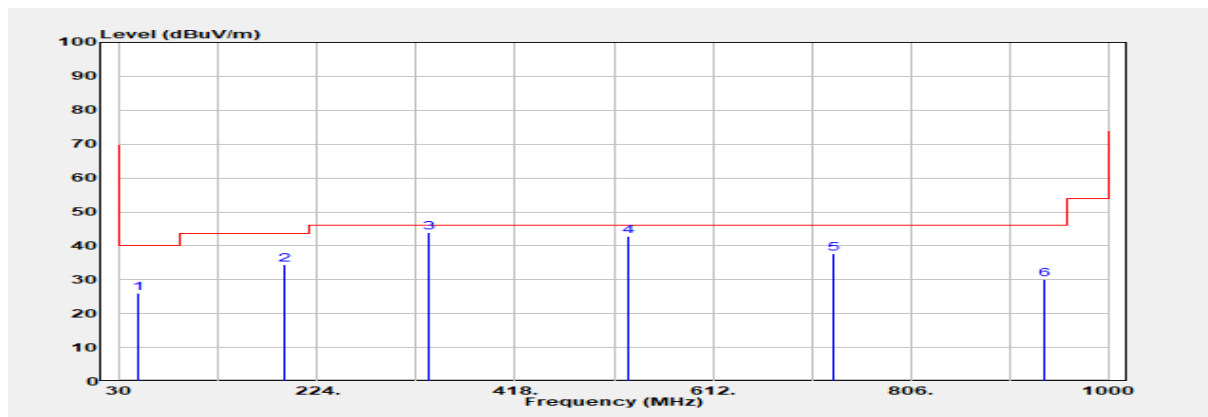
Temp./Humi. :22.3/66

Test Mode :TX CH MID

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
48.430	Peak	39.12	-12.98	26.14	40.00	-13.86
191.990	Peak	50.24	-15.89	34.35	43.50	-9.15
332.640	Peak	55.47	-11.59	43.88	46.00	-2.12
528.580	Peak	50.24	-7.37	42.87	46.00	-3.13
730.340	Peak	40.52	-2.85	37.67	46.00	-8.33
936.950	Peak	30.42	-0.21	30.21	46.00	-15.79

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Report NumTXr :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11a

Test Date :2021-12-24

Test Frequency :5580 MHz

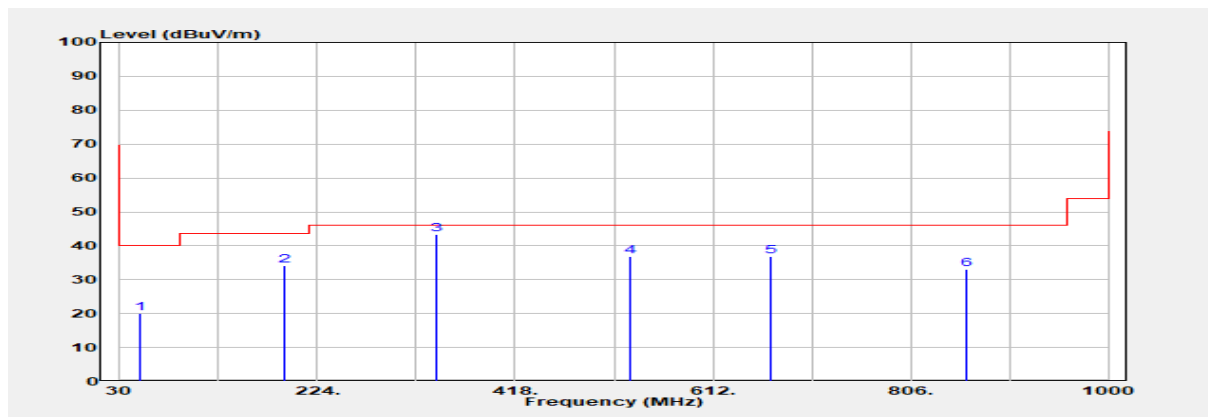
Temp./Humi. :22.3/66

Test Mode :TX CH MID

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
49.400	Peak	33.00	-13.02	19.98	40.00	-20.02
191.990	Peak	49.93	-15.89	34.04	43.50	-9.46
341.370	Peak	54.52	-11.27	43.25	46.00	-2.75
531.490	Peak	44.18	-7.35	36.82	46.00	-9.18
669.230	Peak	41.09	-4.33	36.76	46.00	-9.24
860.320	Peak	34.08	-1.02	33.06	46.00	-12.94

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Report NumTXr :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11a

Test Date :2021-12-24

Test Frequency :5785 MHz

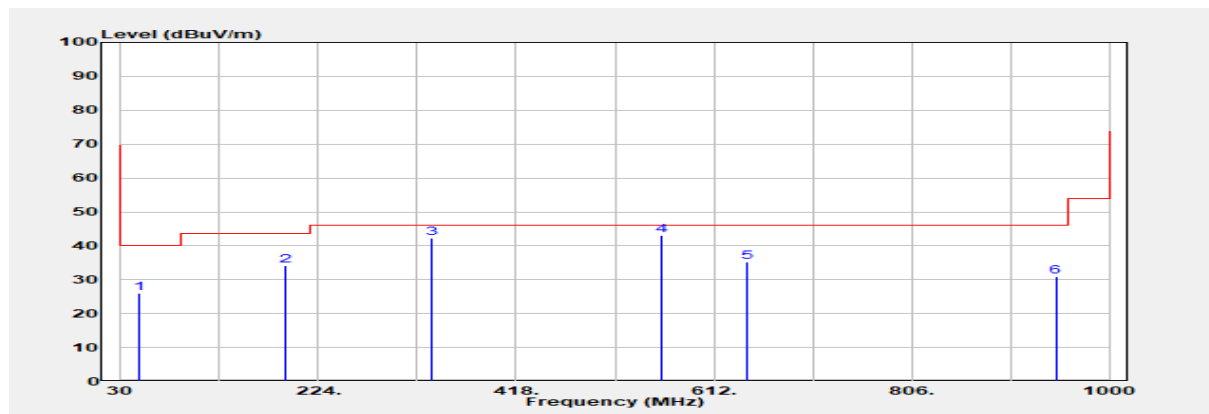
Temp./Humi. :22.3/66

Test Mode :TX CH MID

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
47.460	Peak	38.87	-12.89	25.98	40.00	-14.02
191.990	Peak	49.92	-15.89	34.02	43.50	-9.48
335.550	Peak	53.88	-11.50	42.38	46.00	-3.62
561.560	Peak	49.60	-6.41	43.19	46.00	-2.81
644.010	Peak	40.09	-4.74	35.35	46.00	-10.65
947.620	Peak	30.68	0.20	30.88	46.00	-15.12

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Report NumTXr :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11a

Test Date :2021-12-24

Test Frequency :5785 MHz

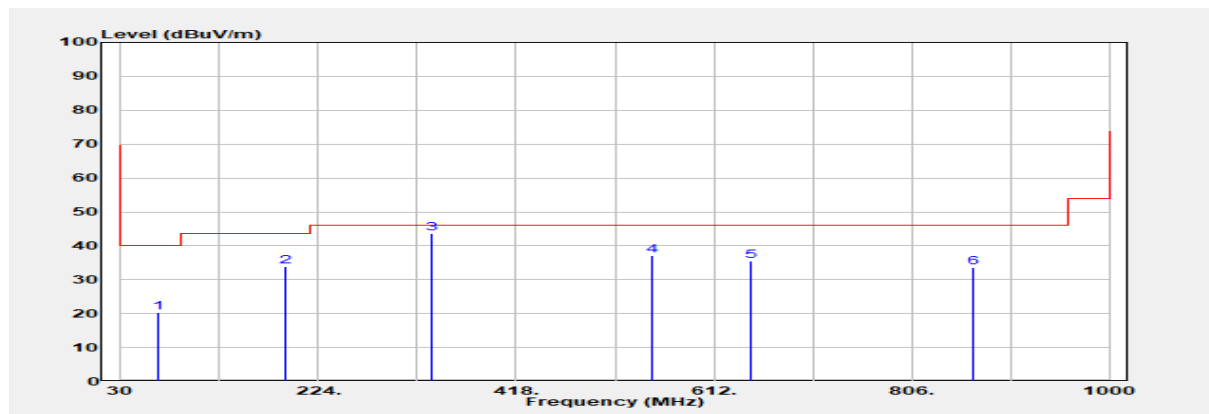
Temp./Humi. :22.3/66

Test Mode :TX CH MID

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
65.890	Peak	34.84	-14.38	20.46	40.00	-19.54
191.990	Peak	49.88	-15.89	33.99	43.50	-9.51
334.580	Peak	55.05	-11.53	43.52	46.00	-2.48
550.890	Peak	44.05	-6.79	37.26	46.00	-8.74
647.890	Peak	40.35	-4.85	35.49	46.00	-10.51
867.110	Peak	34.07	-0.57	33.50	46.00	-12.50

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7.7.2 Above 1GHz Worst-Case Data:

Report NumTXr :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11a

Test Date :2021-12-24

Test Frequency :5200 MHz

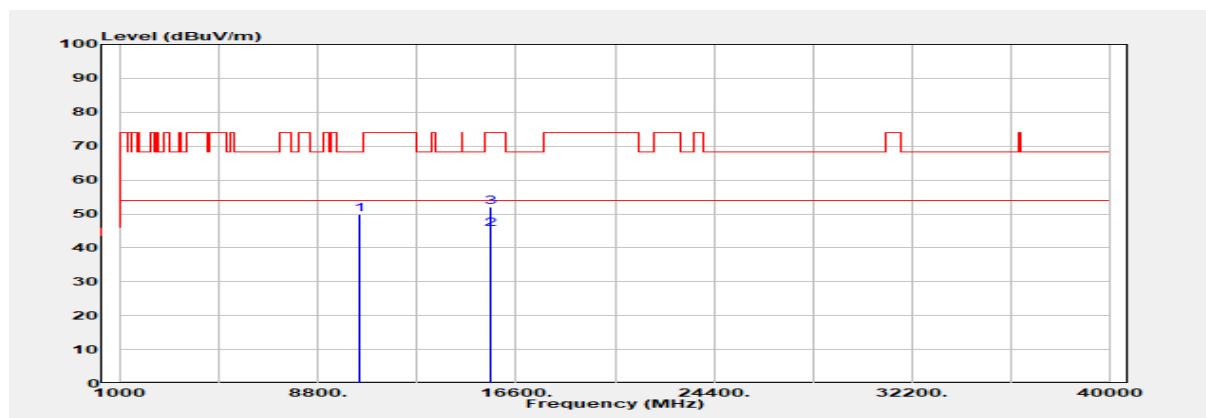
Temp./Humi. :22.3/66

Test Mode :TX CH MID

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10400.000	Peak	41.54	8.23	49.77	68.20	-18.43
15600.000	Average	34.22	11.27	45.49	54.00	-8.51
15600.000	Peak	40.63	11.27	51.90	74.00	-22.10

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Report NumTXr :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11a

Test Date :2021-12-24

Test Frequency :5200 MHz

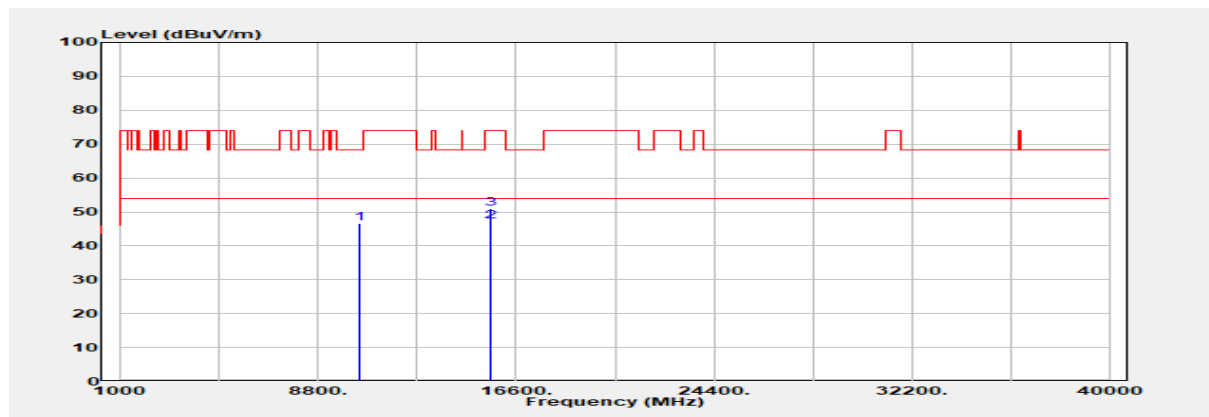
Temp./Humi. :22.3/66

Test Mode :TX CH MID

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10400.000	Peak	38.51	8.23	46.74	68.20	-21.46
15600.000	Average	35.99	11.27	47.26	54.00	-6.74
15600.000	Peak	39.79	11.27	51.06	74.00	-22.94

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Report NumTXr :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11a

Test Date :2021-12-24

Test Frequency :5300 MHz

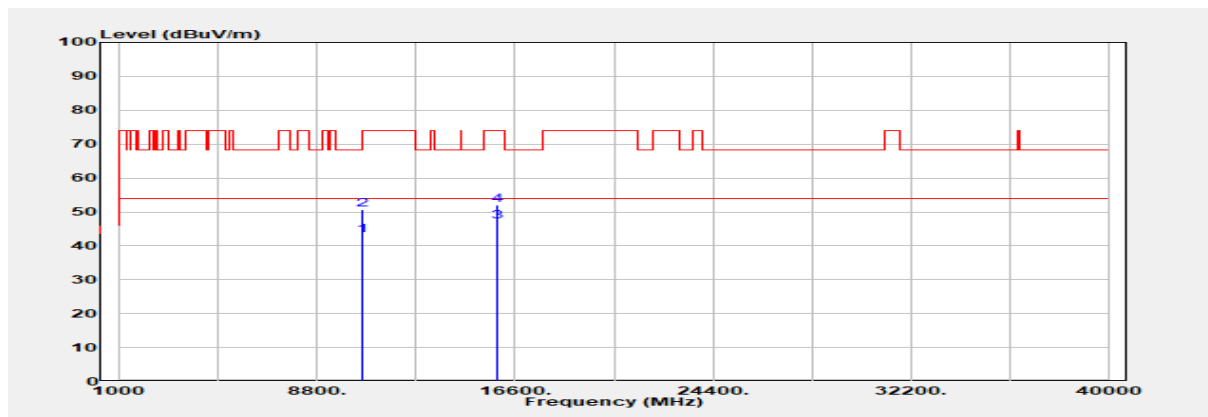
Temp./Humi. :22.3/66

Test Mode :TX CH MID

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10600.000	Average	34.15	8.99	43.14	54.00	-10.86
10600.000	Peak	41.64	8.99	50.63	74.00	-23.37
15900.000	Average	35.12	12.01	47.13	54.00	-6.87
15900.000	Peak	40.11	12.01	52.12	74.00	-21.88

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Report NumTXr :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11a

Test Date :2021-12-24

Test Frequency :5300 MHz

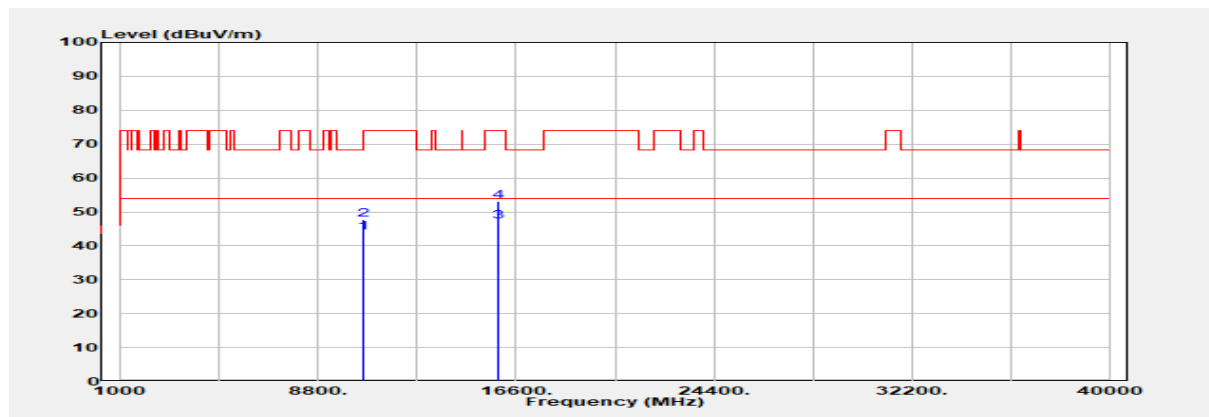
Temp./Humi. :22.3/66

Test Mode :TX CH MID

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10600.000	Average	34.90	8.99	43.89	54.00	-10.11
10600.000	Peak	38.62	8.99	47.61	74.00	-26.39
15900.000	Average	35.02	12.01	47.03	54.00	-6.97
15900.000	Peak	41.13	12.01	53.14	74.00	-20.86

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Report NumTXr :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11a

Test Date :2021-12-24

Test Frequency :5580 MHz

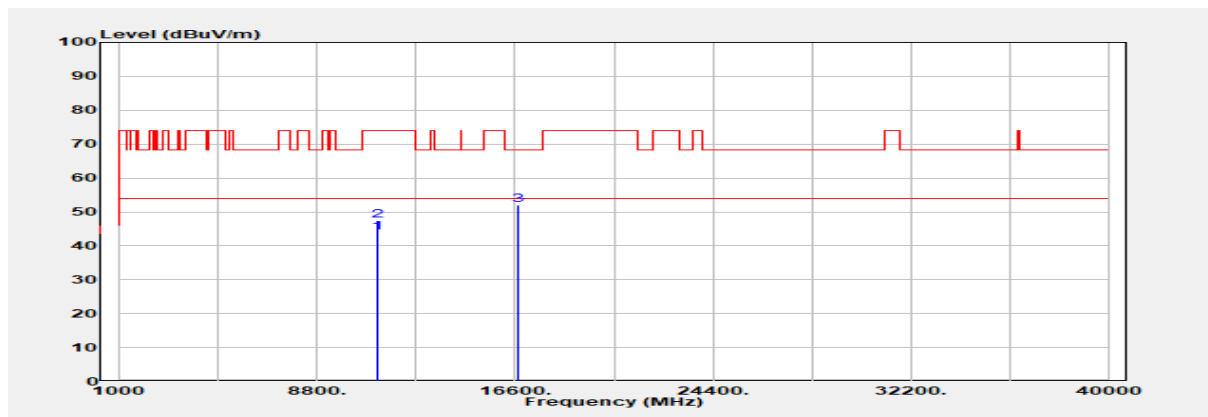
Temp./Humi. :22.3/66

Test Mode :TX CH MID

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11160.000	Average	34.51	9.36	43.87	54.00	-10.13
11160.000	Peak	38.03	9.36	47.39	74.00	-26.61
16740.000	Peak	40.64	11.29	51.93	68.20	-16.27

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Report NumTXr :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11a

Test Date :2021-12-24

Test Frequency :5580 MHz

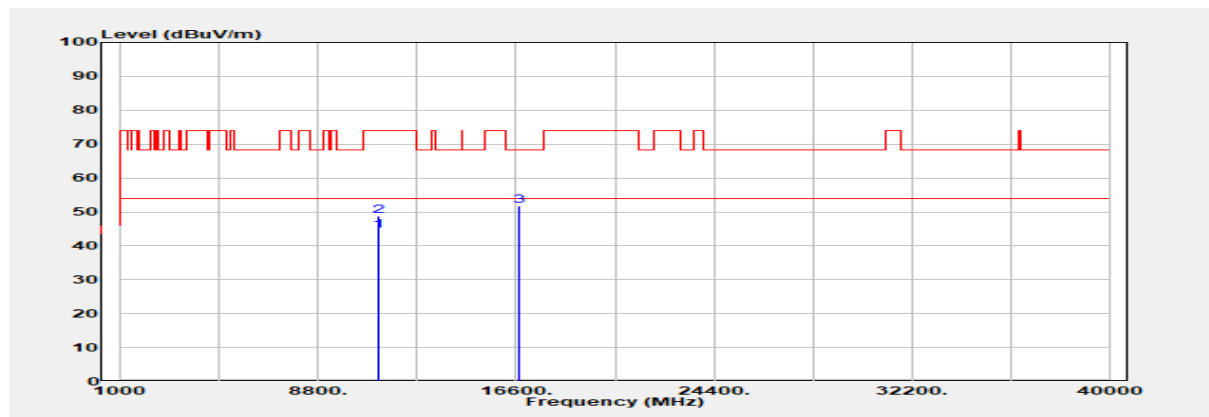
Temp./Humi. :22.3/66

Test Mode :TX CH MID

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11160.000	Average	35.10	9.36	44.46	54.00	-9.54
11160.000	Peak	39.52	9.36	48.88	74.00	-25.12
16740.000	Peak	40.40	11.29	51.69	68.20	-16.51

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Report NumTXr :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11a

Test Date :2021-12-24

Test Frequency :5785 MHz

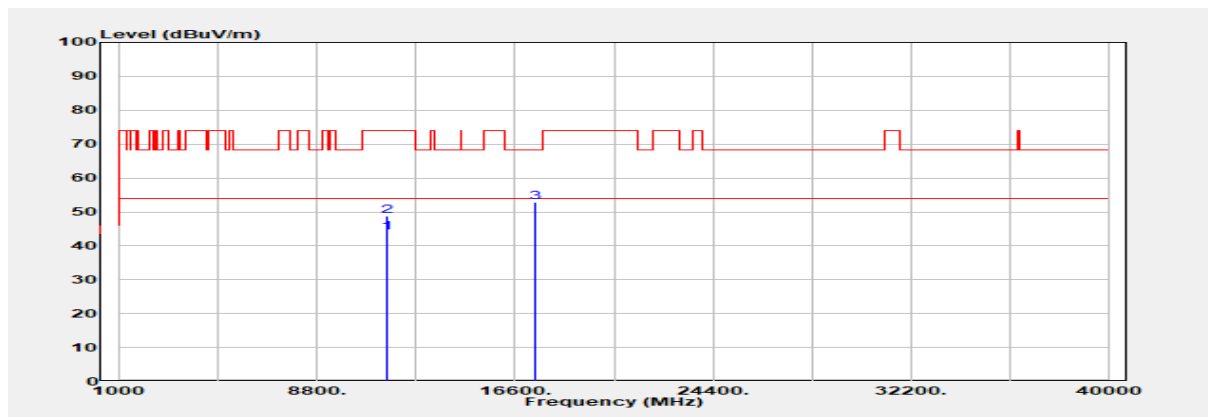
Temp./Humi. :22.3/66

Test Mode :TX CH MID

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11570.000	Average	33.99	10.00	43.98	54.00	-10.02
11570.000	Peak	38.68	10.00	48.68	74.00	-25.32
17355.000	Peak	41.89	10.90	52.78	68.20	-15.42

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Report NumTXr :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11a

Test Date :2021-12-24

Test Frequency :5785 MHz

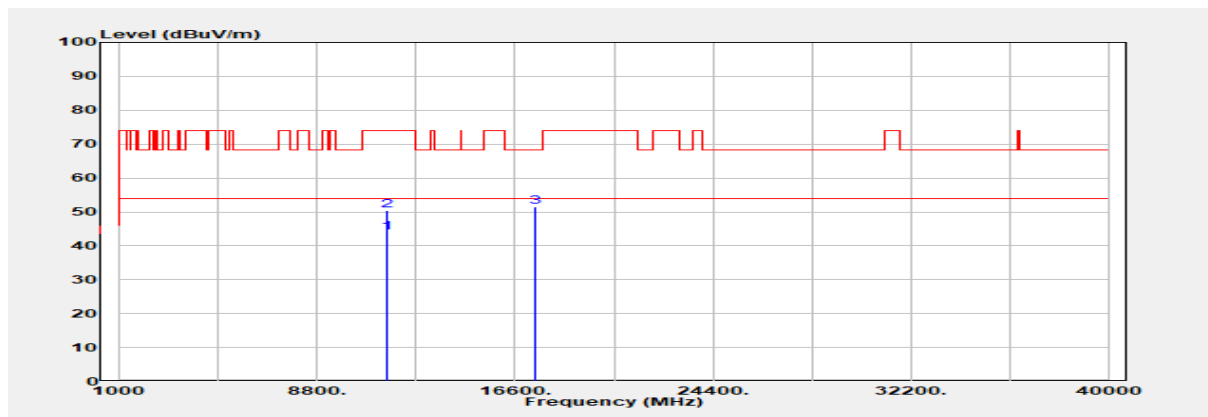
Temp./Humi. :22.3/66

Test Mode :TX CH MID

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11570.000	Average	33.89	10.00	43.89	54.00	-10.11
11570.000	Peak	40.52	10.00	50.52	74.00	-23.48
17355.000	Peak	40.51	10.90	51.41	68.20	-16.79

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7.7.3 Band edge falling to restricted band

Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11a

Test Date :2021-12-21

Test Frequency :5180 MHz

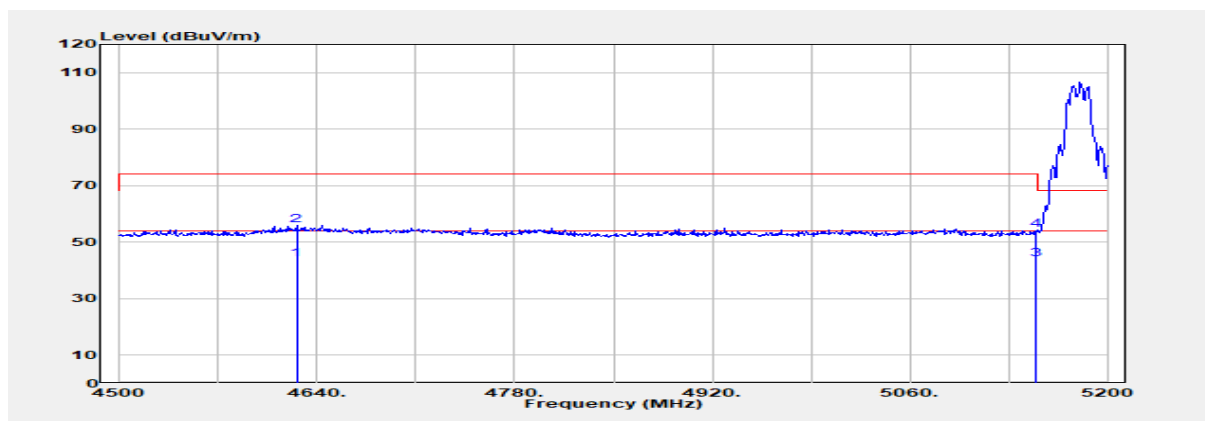
Temp./Humi. :21.3/68

Test Mode :BE CH LOW

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4625.300	Average	40.42	3.42	43.85	54.00	-10.15
4625.300	Peak	52.45	3.42	55.87	74.00	-18.13
5150.000	Average	41.01	3.03	44.04	54.00	-9.96
5150.000	Peak	51.17	3.03	54.20	74.00	-19.80

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11a

Test Date :2021-12-21

Test Frequency :5180 MHz

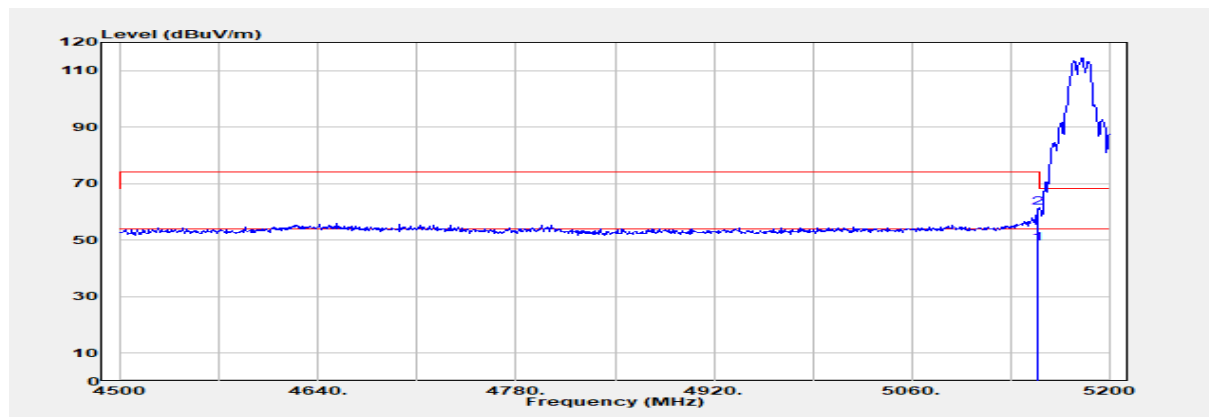
Temp./Humi. :21.3/68

Test Mode :BE CH LOW

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5150.000	Average	45.76	3.03	48.79	54.00	-5.21
5150.000	Peak	58.37	3.03	61.40	74.00	-12.60

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11a

Test Date :2021-12-21

Test Frequency :5320 MHz

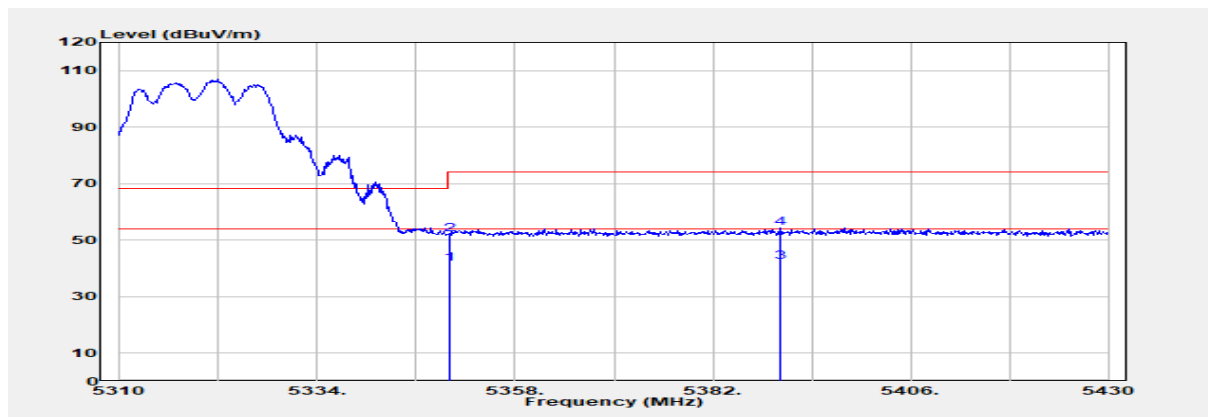
Temp./Humi. :21.3/68

Test Mode :BE CH HIGH

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5350.000	Average	39.58	2.21	41.79	54.00	-12.21
5350.000	Peak	49.72	2.21	51.93	74.00	-22.07
5390.280	Average	39.78	2.62	42.40	54.00	-11.60
5390.280	Peak	51.82	2.62	54.44	74.00	-19.56

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11a

Test Date :2021-12-21

Test Frequency :5320 MHz

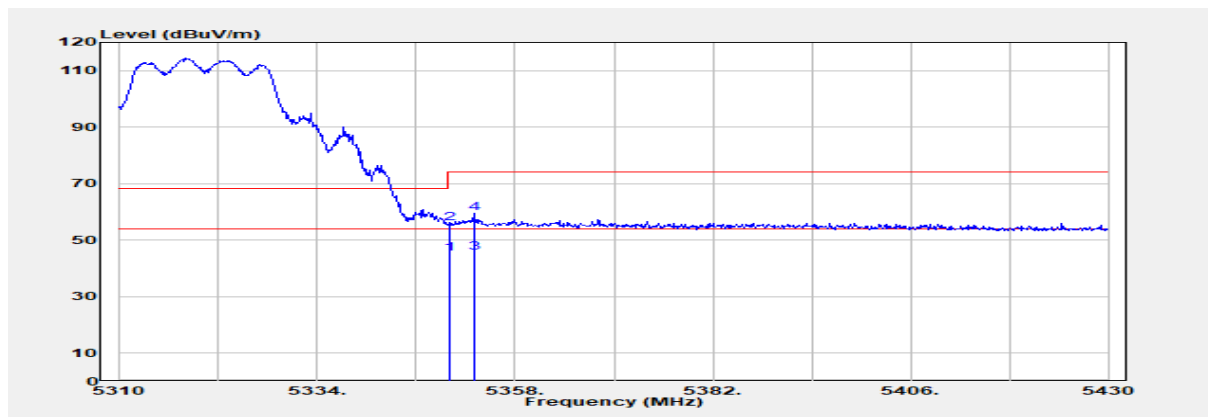
Temp./Humi. :21.3/68

Test Mode :BE CH HIGH

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5350.000	Average	42.91	2.21	45.12	54.00	-8.88
5350.000	Peak	53.81	2.21	56.02	74.00	-17.98
5352.960	Average	43.47	2.21	45.69	54.00	-8.31
5352.960	Peak	57.38	2.21	59.59	74.00	-14.41

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11a

Test Date :2021-12-21

Test Frequency :5500 MHz

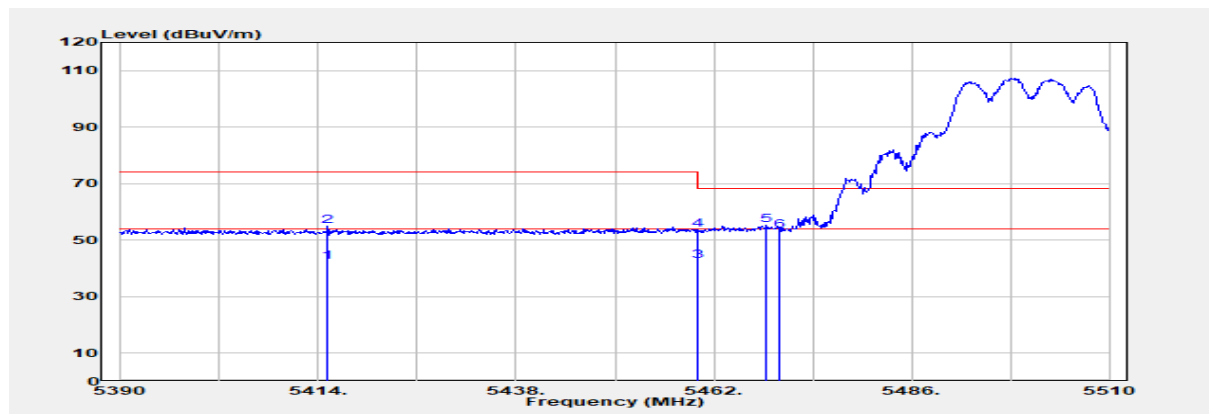
Temp./Humi. :21.3/68

Test Mode :BE CH LOW

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5415.080	Average	39.62	2.49	42.12	54.00	-11.88
5415.080	Peak	52.35	2.49	54.84	74.00	-19.16
5460.000	Average	39.90	2.64	42.54	54.00	-11.46
5460.000	Peak	50.91	2.64	53.55	74.00	-20.45
5468.360	Peak	52.44	2.75	55.18	68.20	-13.02
5470.000	Peak	50.42	2.77	53.19	68.20	-15.01

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11a

Test Date :2021-12-21

Test Frequency :5500 MHz

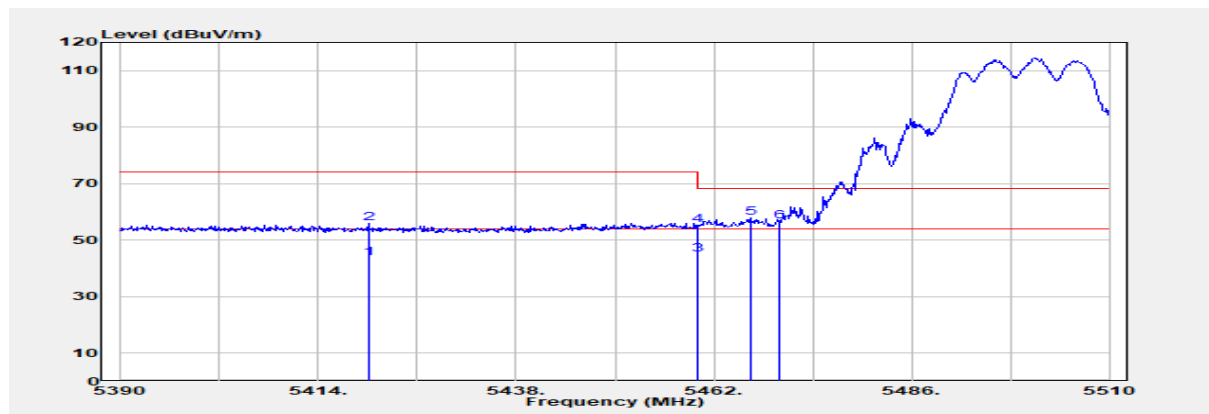
Temp./Humi. :21.3/68

Test Mode :BE CH LOW

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5420.120	Average	41.03	2.40	43.43	54.00	-10.57
5420.120	Peak	53.65	2.40	56.05	74.00	-17.95
5460.000	Average	42.18	2.64	44.82	54.00	-9.18
5460.000	Peak	52.70	2.64	55.34	74.00	-18.66
5466.440	Peak	55.06	2.72	57.78	68.20	-10.42
5470.000	Peak	53.67	2.77	56.44	68.20	-11.76

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11a

Test Date :2021-12-21

Test Frequency :5700 MHz

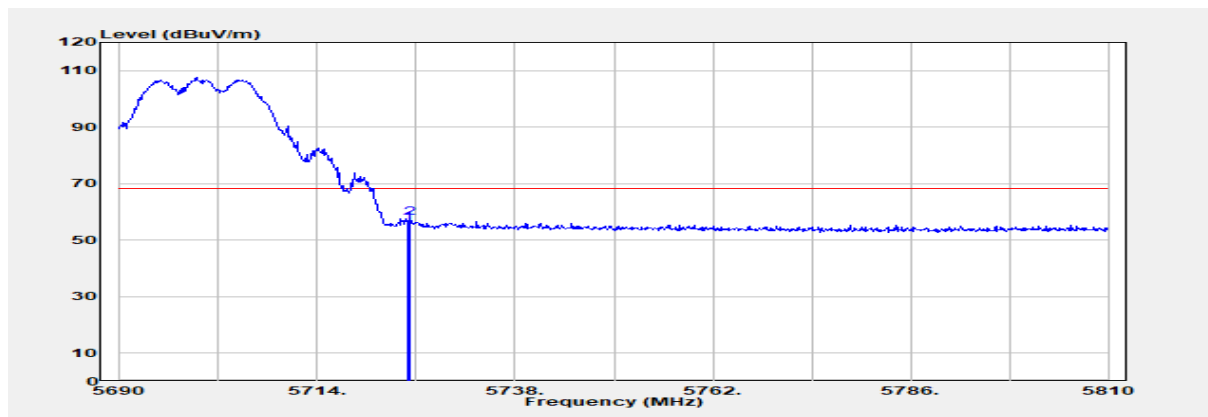
Temp./Humi. :21.3/68

Test Mode :BE CH HIGH

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5725.000	Peak	51.56	4.21	55.77	68.20	-12.43
5725.160	Peak	53.59	4.21	57.80	68.20	-10.40

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11a

Test Date :2021-12-21

Test Frequency :5700 MHz

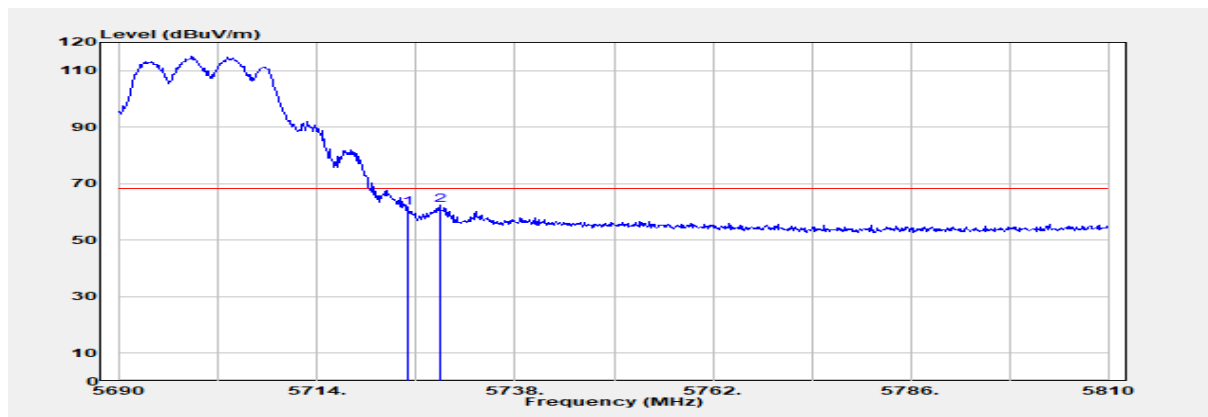
Temp./Humi. :21.3/68

Test Mode :BE CH HIGH

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	57.29	4.21	61.50	68.20	-6.70
5728.880	Peak	58.28	4.24	62.52	68.20	-5.68

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11a

Test Date :2021-12-21

Test Frequency :5720 MHz

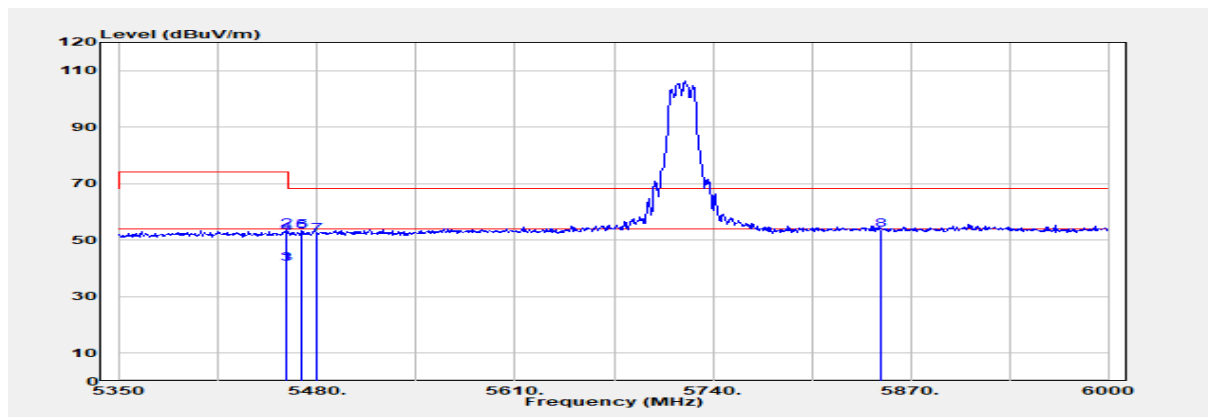
Temp./Humi. :21.3/68

Test Mode :BE CH MID

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5459.200	Average	39.05	2.64	41.69	54.00	-12.31
5459.200	Peak	50.88	2.64	53.52	74.00	-20.48
5460.000	Average	39.15	2.64	41.79	54.00	-12.21
5460.000	Peak	49.76	2.64	52.40	74.00	-21.60
5468.950	Peak	50.43	2.76	53.19	68.20	-15.01
5470.000	Peak	50.10	2.77	52.87	68.20	-15.33
5480.000	Peak	49.20	2.76	51.96	68.20	-16.24
5850.000	Peak	49.22	4.31	53.53	68.20	-14.67

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11a

Test Date :2021-12-21

Test Frequency :5720 MHz

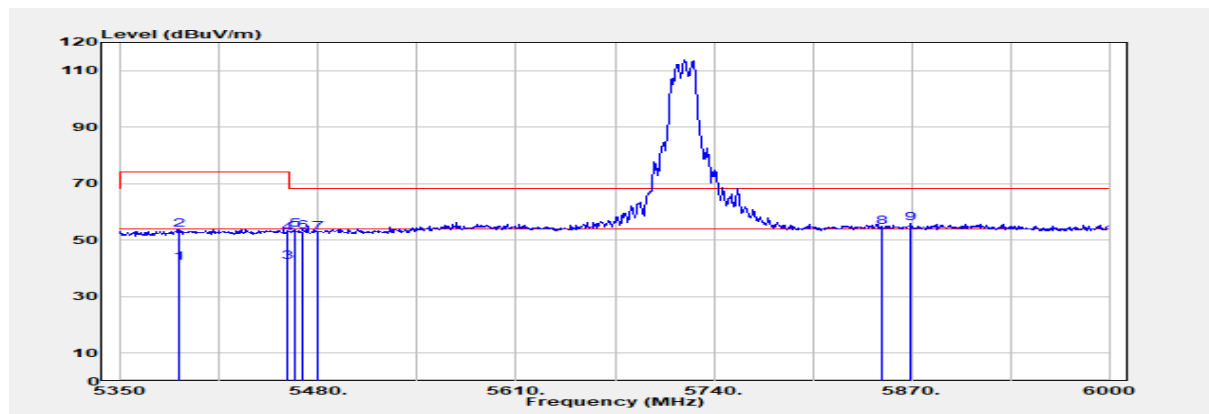
Temp./Humi. :21.3/68

Test Mode :BE CH MID

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5387.700	Average	39.26	2.56	41.82	54.00	-12.18
5387.700	Peak	51.19	2.56	53.75	74.00	-20.25
5460.000	Average	39.49	2.64	42.13	54.00	-11.87
5460.000	Peak	49.87	2.64	52.51	74.00	-21.49
5464.400	Peak	51.12	2.70	53.82	68.20	-14.38
5470.000	Peak	50.32	2.77	53.09	68.20	-15.11
5480.000	Peak	50.06	2.76	52.82	68.20	-15.38
5850.000	Peak	50.21	4.31	54.52	68.20	-13.68
5869.350	Peak	51.84	3.97	55.81	68.20	-12.39

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11a

Test Date :2021-12-21

Test Frequency :5745 MHz

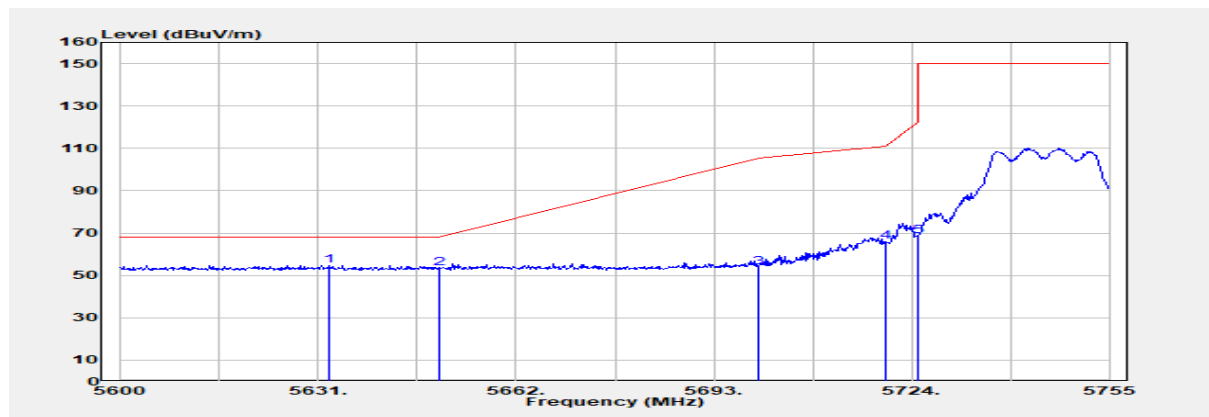
Temp./Humi. :21.3/68

Test Mode :BE CH LOW

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5632.550	Peak	51.27	3.47	54.74	68.20	-13.46
5650.000	Peak	49.91	3.60	53.51	68.20	-14.69
5700.000	Peak	50.67	3.31	53.98	105.20	-51.22
5720.000	Peak	61.63	4.17	65.80	110.80	-45.00
5725.000	Peak	64.29	4.21	68.50	122.20	-53.70

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11a

Test Date :2021-12-21

Test Frequency :5745 MHz

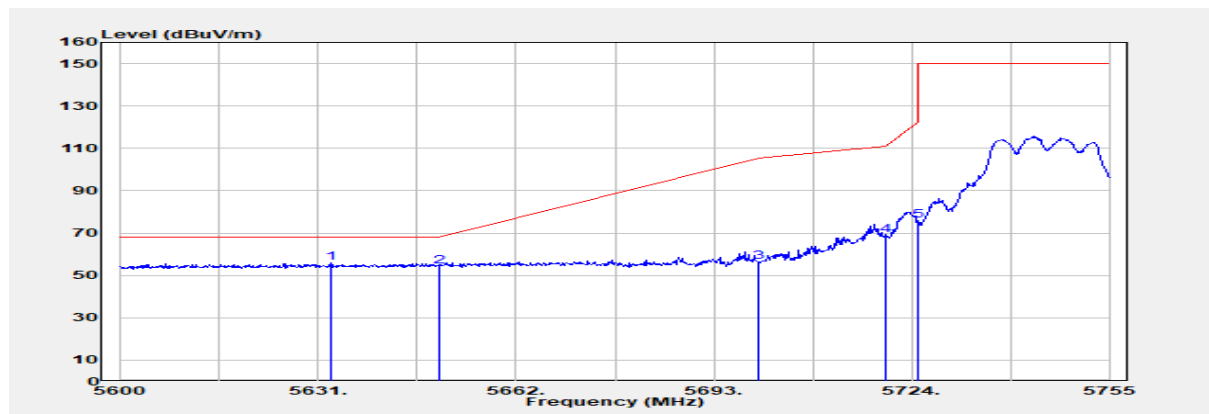
Temp./Humi. :21.3/68

Test Mode :BE CH LOW

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5632.860	Peak	52.67	3.47	56.14	68.20	-12.06
5650.000	Peak	50.76	3.60	54.36	68.20	-13.84
5700.000	Peak	53.27	3.31	56.58	105.20	-48.62
5720.000	Peak	64.84	4.17	69.01	110.80	-41.79
5725.000	Peak	71.77	4.21	75.98	122.20	-46.22

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11a

Test Date :2021-12-21

Test Frequency :5825 MHz

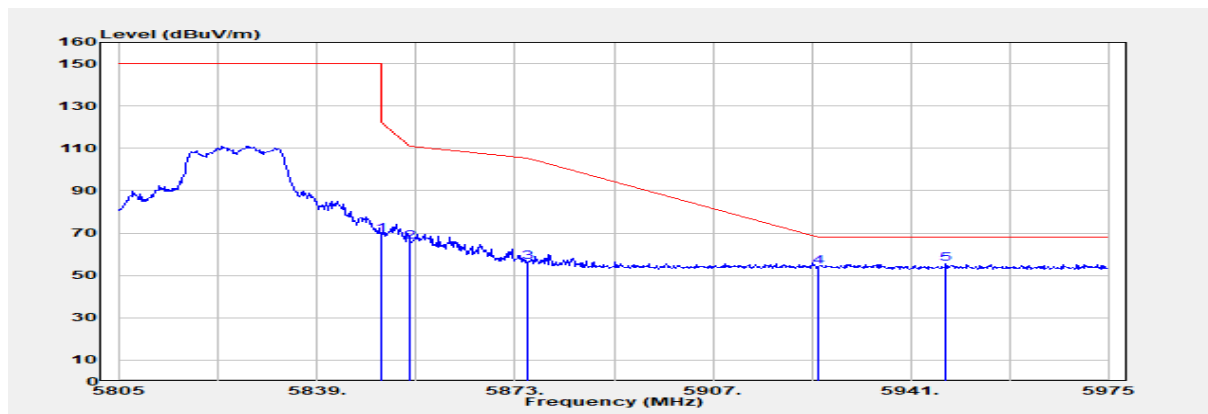
Temp./Humi. :21.3/68

Test Mode :BE CH HIGH

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	65.00	4.31	69.31	122.20	-52.89
5855.000	Peak	61.65	4.21	65.85	110.80	-44.95
5875.000	Peak	52.40	3.90	56.30	105.20	-48.90
5925.000	Peak	49.87	4.36	54.22	68.20	-13.98
5947.070	Peak	51.29	4.07	55.36	68.20	-12.84

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11a

Test Date :2021-12-21

Test Frequency :5825 MHz

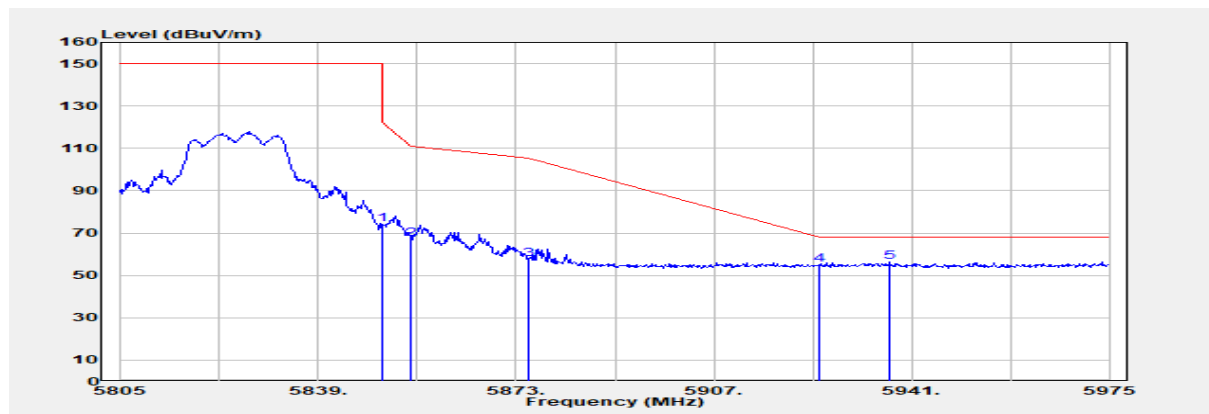
Temp./Humi. :21.3/68

Test Mode :BE CH HIGH

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	70.05	4.31	74.36	122.20	-47.84
5855.000	Peak	62.83	4.21	67.04	110.80	-43.76
5875.000	Peak	53.94	3.90	57.84	105.20	-47.36
5925.000	Peak	50.75	4.36	55.10	68.20	-13.10
5937.380	Peak	52.30	4.19	56.48	68.20	-11.72

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac20

Test Date :2021-12-21

Test Frequency :5180 MHz

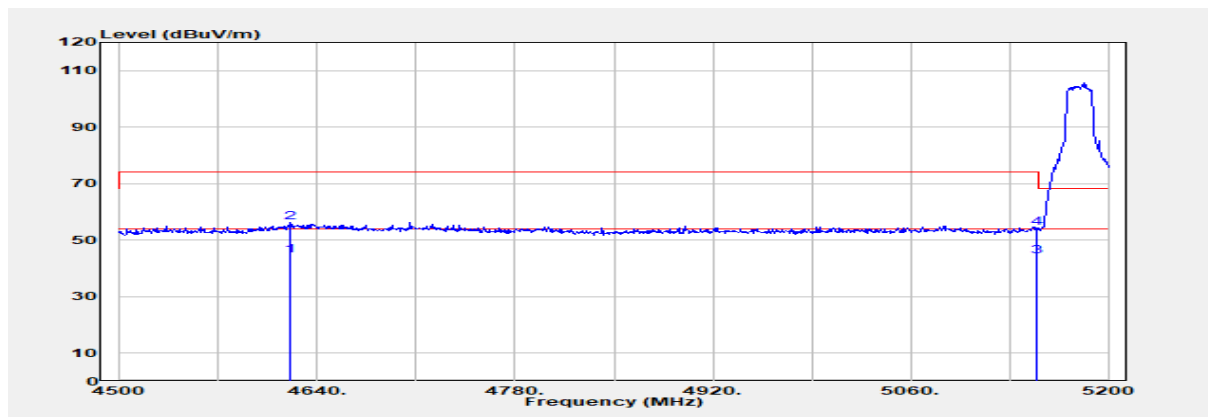
Temp./Humi. :21.3/68

Test Mode :BE CH LOW

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4620.400	Average	41.01	3.44	44.45	54.00	-9.55
4620.400	Peak	52.70	3.44	56.14	74.00	-17.86
5150.000	Average	41.13	3.03	44.16	54.00	-9.85
5150.000	Peak	51.16	3.03	54.19	74.00	-19.82

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac20

Test Date :2021-12-21

Test Frequency :5180 MHz

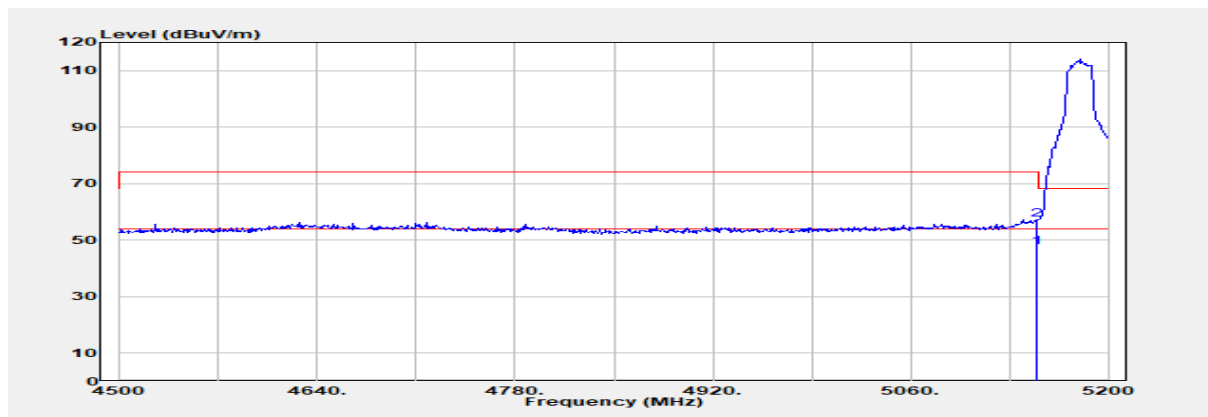
Temp./Humi. :21.3/68

Test Mode :BE CH LOW

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5150.000	Average	44.35	3.03	47.38	54.00	-6.62
5150.000	Peak	54.17	3.03	57.20	74.00	-16.80

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac20

Test Date :2021-12-21

Test Frequency :5320 MHz

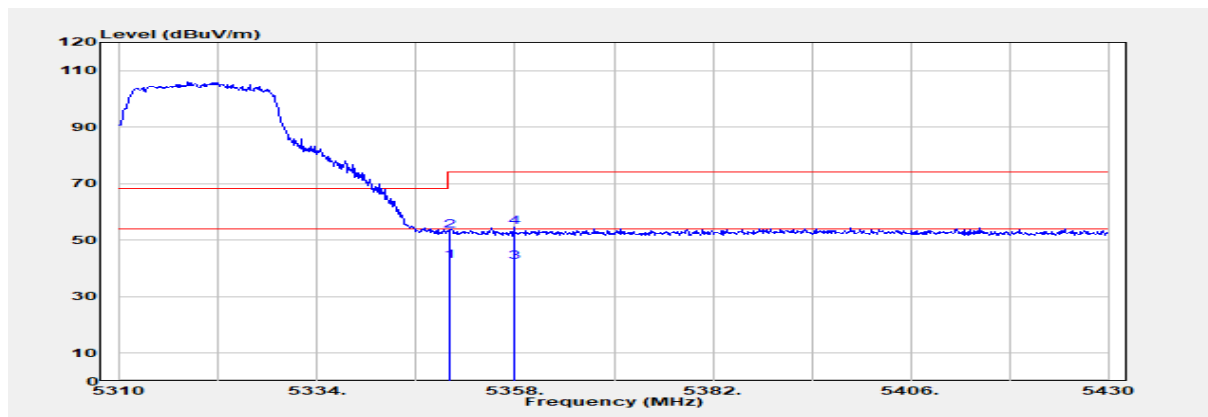
Temp./Humi. :21.3/68

Test Mode :BE CH HIGH

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	40.39	2.21	42.60	54.00	-11.40
5350.000	Peak	51.12	2.21	53.33	74.00	-20.67
5357.880	Average	40.15	2.22	42.37	54.00	-11.63
5357.880	Peak	52.26	2.22	54.48	74.00	-19.52

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac20

Test Date :2021-12-21

Test Frequency :5320 MHz

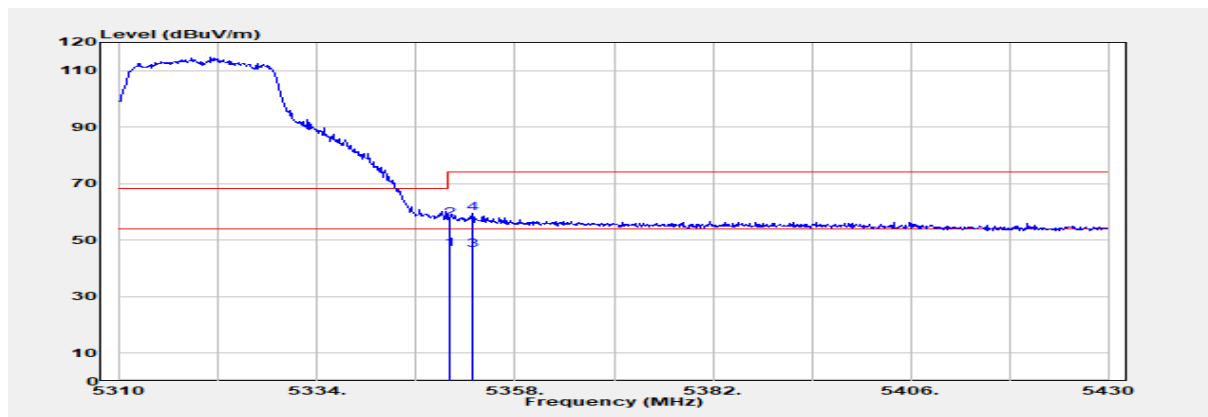
Temp./Humi. :21.3/68

Test Mode :BE CH HIGH

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	44.64	2.21	46.85	54.00	-7.15
5350.000	Peak	55.49	2.21	57.70	74.00	-16.30
5352.720	Average	44.13	2.21	46.35	54.00	-7.65
5352.720	Peak	57.39	2.21	59.60	74.00	-14.40

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac20

Test Date :2021-12-21

Test Frequency :5500 MHz

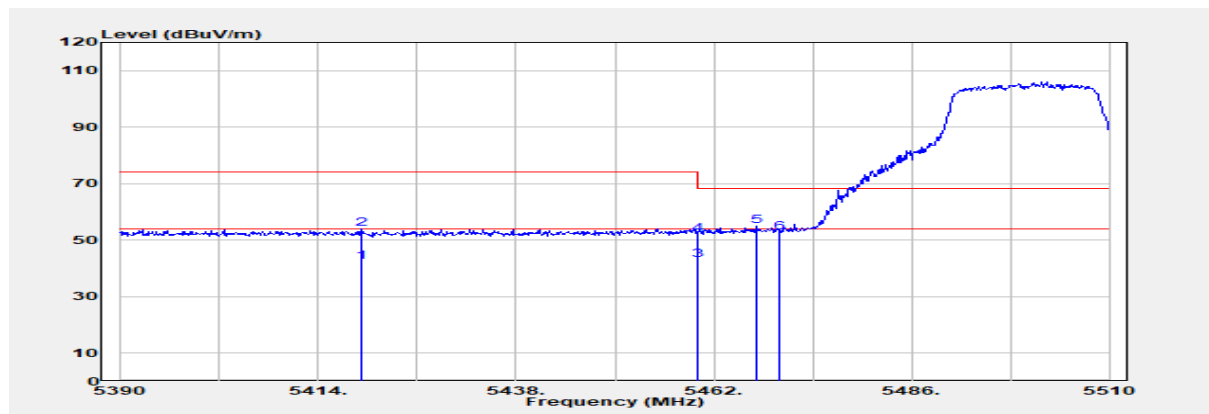
Temp./Humi. :21.3/68

Test Mode :BE CH LOW

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5419.160	Average	39.83	2.42	42.24	54.00	-11.76
5419.160	Peak	51.62	2.42	54.04	74.00	-19.96
5460.000	Average	40.14	2.64	42.78	54.00	-11.22
5460.000	Peak	49.36	2.64	52.00	74.00	-22.00
5467.280	Peak	52.10	2.73	54.83	68.20	-13.37
5470.000	Peak	49.95	2.77	52.72	68.20	-15.48

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac20

Test Date :2021-12-21

Test Frequency :5500 MHz

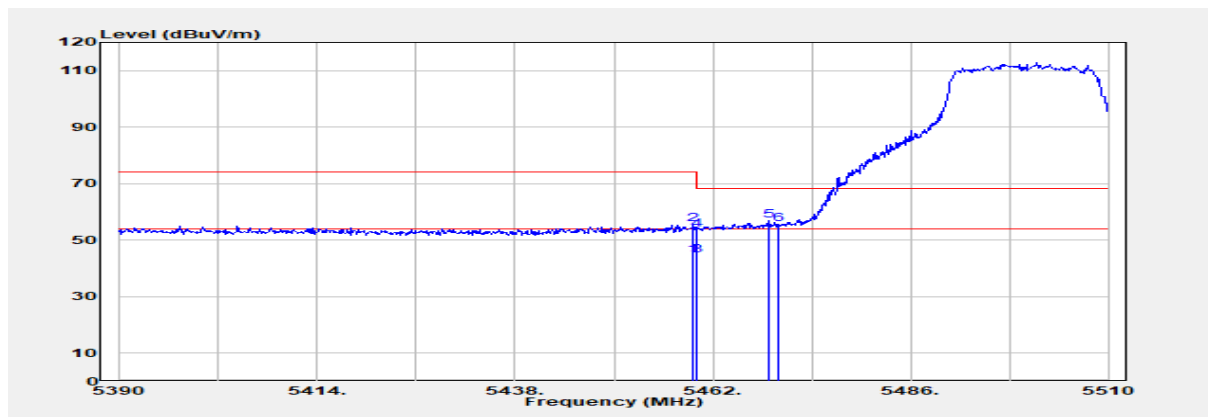
Temp./Humi. :21.3/68

Test Mode :BE CH LOW

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5459.600	Average	42.01	2.64	44.65	54.00	-9.35
5459.600	Peak	52.82	2.64	55.46	74.00	-18.54
5460.000	Average	41.95	2.64	44.59	54.00	-9.41
5460.000	Peak	50.91	2.64	53.55	74.00	-20.45
5468.720	Peak	54.10	2.75	56.86	68.20	-11.34
5470.000	Peak	52.92	2.77	55.69	68.20	-12.51

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac20

Test Date :2021-12-21

Test Frequency :5700 MHz

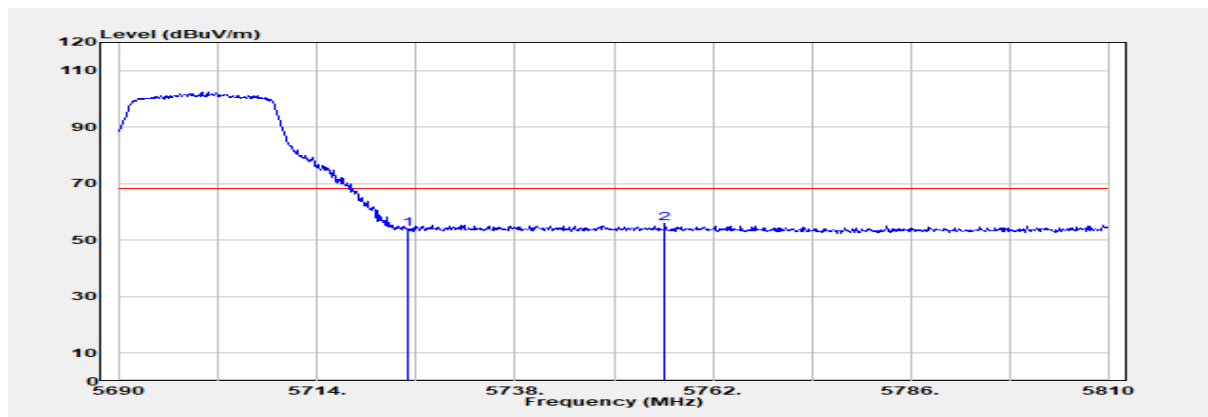
Temp./Humi. :21.3/68

Test Mode :BE CH HIGH

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5725.000	Peak	49.64	4.21	53.85	68.20	-14.35
5756.120	Peak	51.70	4.23	55.93	68.20	-12.27

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac20

Test Date :2021-12-21

Test Frequency :5700 MHz

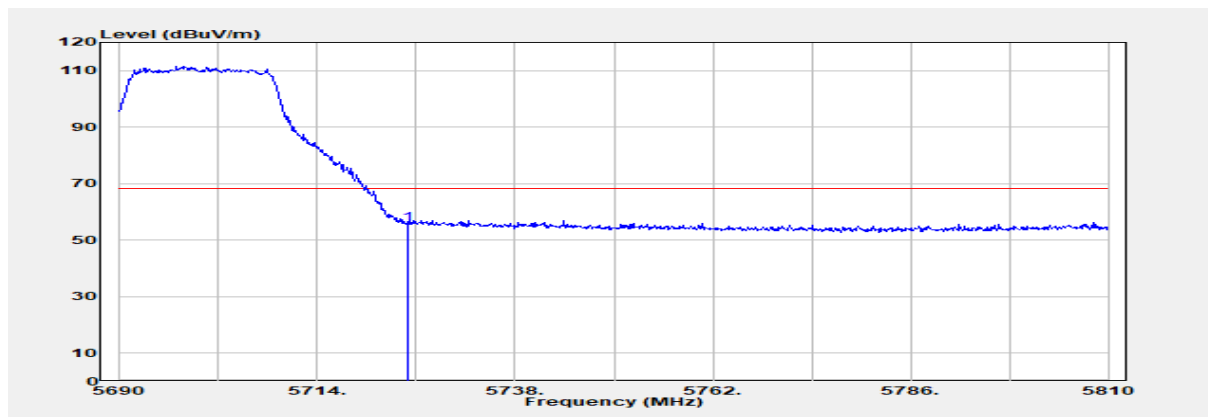
Temp./Humi. :21.3/68

Test Mode :BE CH HIGH

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5725.000	Peak	51.78	4.21	55.99	68.20	-12.21

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac20

Test Date :2021-12-21

Test Frequency :5720 MHz

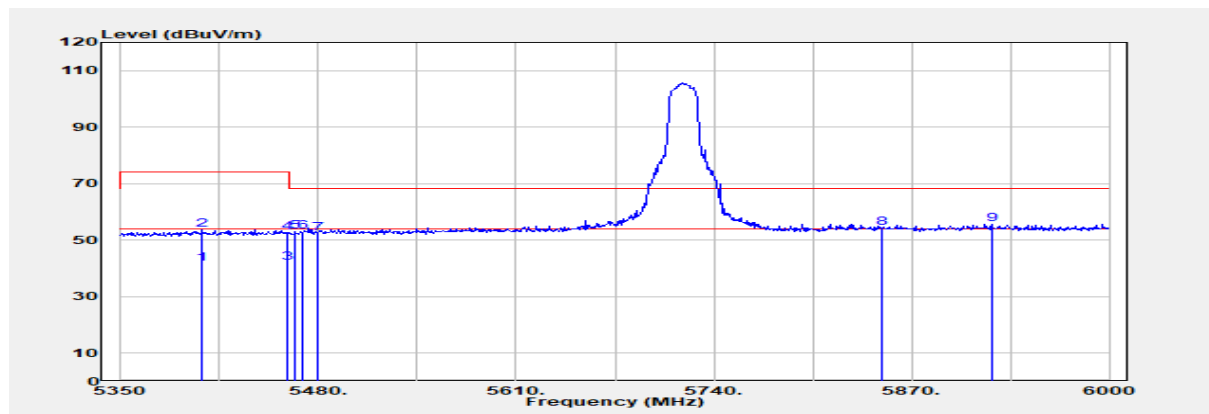
Temp./Humi. :21.3/68

Test Mode :BE CH MID

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5403.300	Average	39.17	2.56	41.73	54.00	-12.27
5403.300	Peak	51.01	2.56	53.57	74.00	-20.43
5460.000	Average	39.24	2.64	41.88	54.00	-12.12
5460.000	Peak	50.16	2.64	52.80	74.00	-21.20
5465.050	Peak	50.40	2.71	53.10	68.20	-15.10
5470.000	Peak	50.15	2.77	52.92	68.20	-15.28
5480.000	Peak	49.64	2.76	52.40	68.20	-15.80
5850.000	Peak	49.93	4.31	54.24	68.20	-13.96
5922.650	Peak	51.40	4.36	55.76	68.20	-12.44

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac20

Test Date :2021-12-21

Test Frequency :5720 MHz

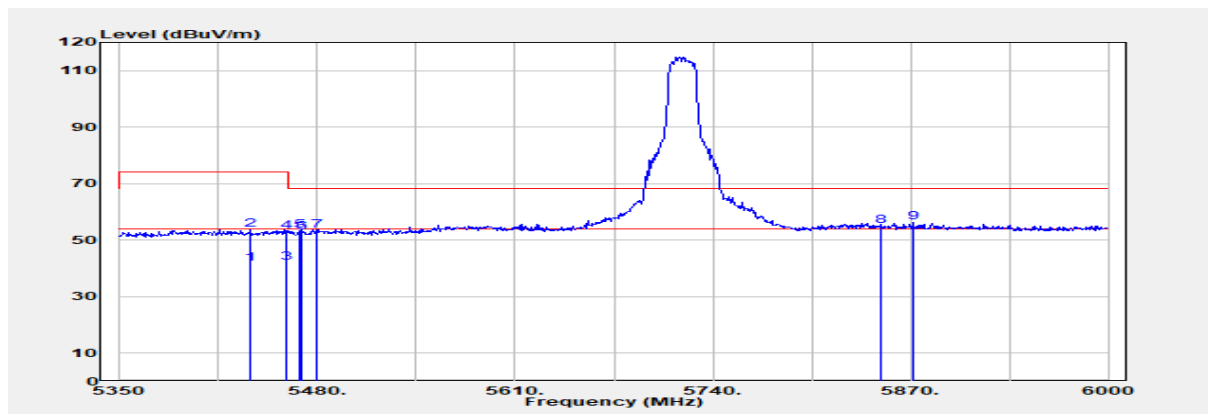
Temp./Humi. :21.3/68

Test Mode :BE CH MID

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5435.800	Average	39.17	2.35	41.52	54.00	-12.48
5435.800	Peak	51.44	2.35	53.78	74.00	-20.22
5460.000	Average	39.17	2.64	41.81	54.00	-12.19
5460.000	Peak	50.36	2.64	53.00	74.00	-21.00
5467.650	Peak	50.50	2.74	53.24	68.20	-14.96
5470.000	Peak	49.99	2.77	52.76	68.20	-15.44
5480.000	Peak	50.54	2.76	53.30	68.20	-14.90
5850.000	Peak	50.74	4.31	55.05	68.20	-13.15
5871.300	Peak	52.43	3.94	56.38	68.20	-11.82

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac20

Test Date :2021-12-21

Test Frequency :5745 MHz

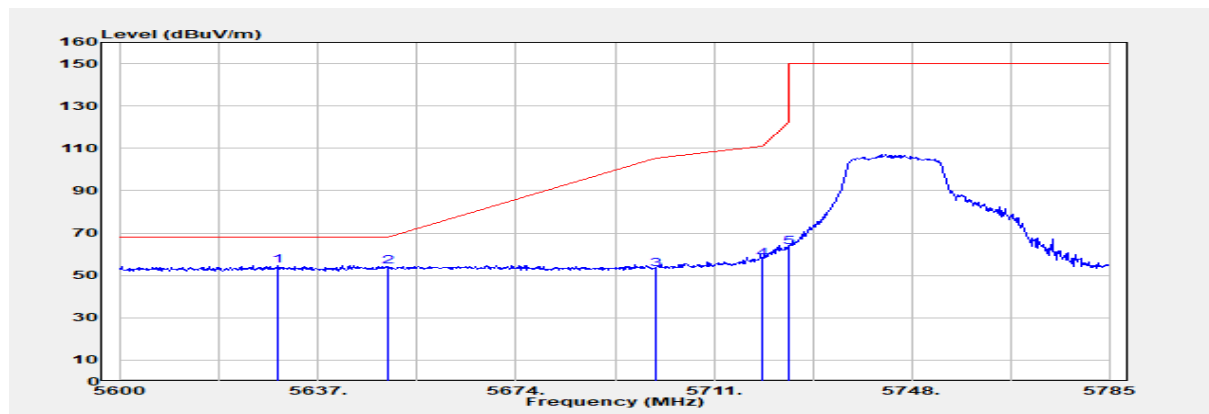
Temp./Humi. :21.3/68

Test Mode :BE CH LOW

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5629.230	Peak	51.28	3.49	54.76	68.20	-13.44
5650.000	Peak	50.71	3.60	54.31	68.20	-13.89
5700.000	Peak	49.78	3.31	53.09	105.20	-52.11
5720.000	Peak	53.58	4.17	57.75	110.80	-53.05
5725.000	Peak	58.97	4.21	63.18	122.20	-59.02

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac20

Test Date :2021-12-21

Test Frequency :5745 MHz

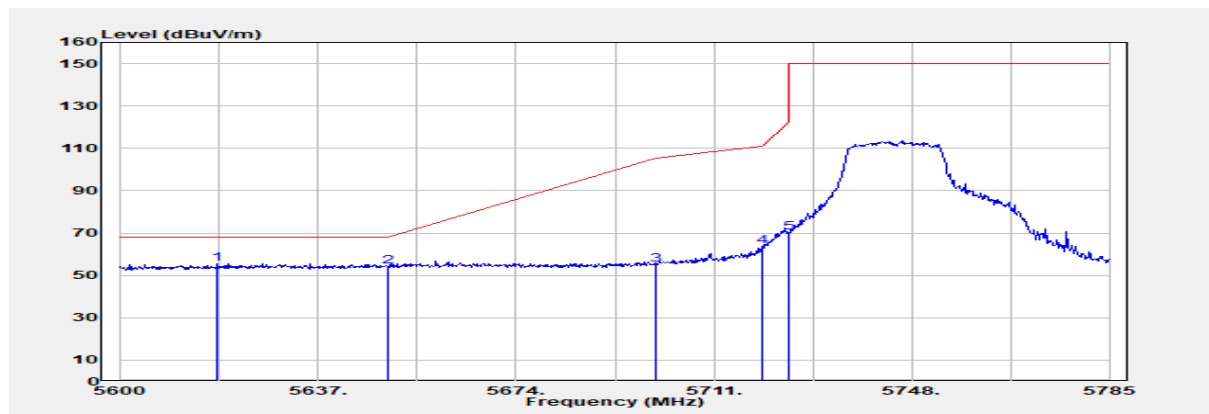
Temp./Humi. :21.3/68

Test Mode :BE CH LOW

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5618.130	Peak	52.02	3.42	55.45	68.20	-12.75
5650.000	Peak	50.66	3.60	54.26	68.20	-13.94
5700.000	Peak	51.94	3.31	55.25	105.20	-49.95
5720.000	Peak	59.75	4.17	63.93	110.80	-46.87
5725.000	Peak	66.22	4.21	70.43	122.20	-51.77

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac20

Test Date :2021-12-21

Test Frequency :5825 MHz

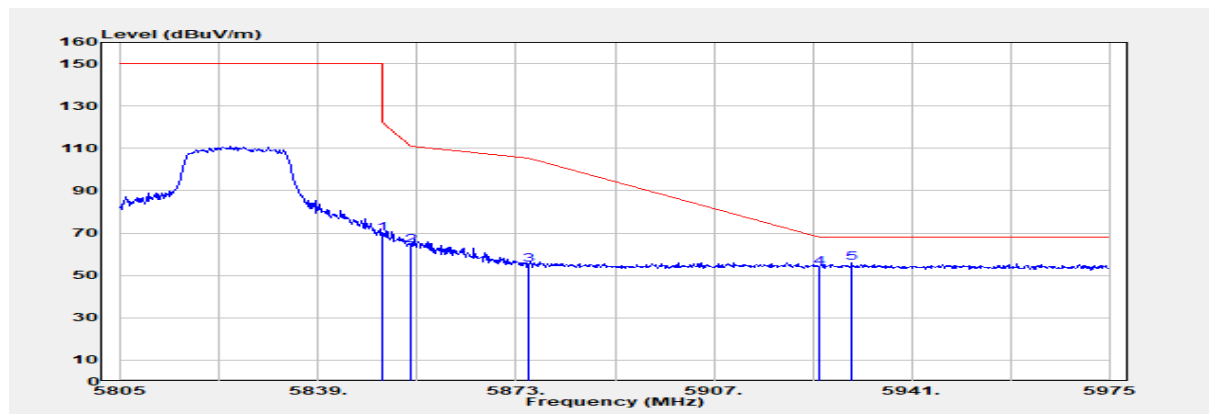
Temp./Humi. :21.3/68

Test Mode :BE CH HIGH

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	65.46	4.31	69.77	122.20	-52.43
5855.000	Peak	60.04	4.21	64.25	110.80	-46.55
5875.000	Peak	51.19	3.90	55.09	105.20	-50.11
5925.000	Peak	49.51	4.36	53.87	68.20	-14.33
5930.800	Peak	51.59	4.32	55.91	68.20	-12.29

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac20

Test Date :2021-12-21

Test Frequency :5825 MHz

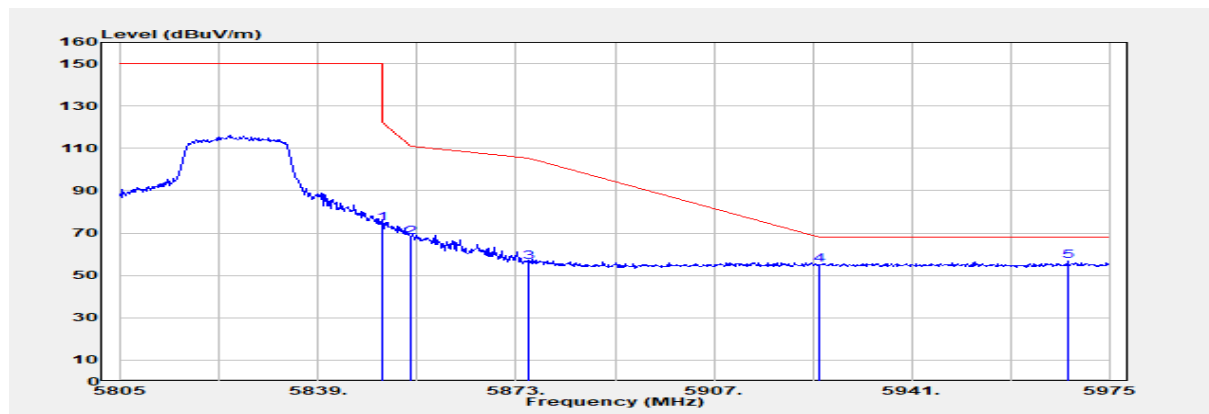
Temp./Humi. :21.3/68

Test Mode :BE CH HIGH

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	70.25	4.31	74.56	122.20	-47.64
5855.000	Peak	63.94	4.21	68.15	110.80	-42.65
5875.000	Peak	52.40	3.90	56.30	105.20	-48.90
5925.000	Peak	50.78	4.36	55.14	68.20	-13.06
5967.860	Peak	52.79	3.87	56.66	68.20	-11.54

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac40

Test Date :2021-12-21

Test Frequency :5190 MHz

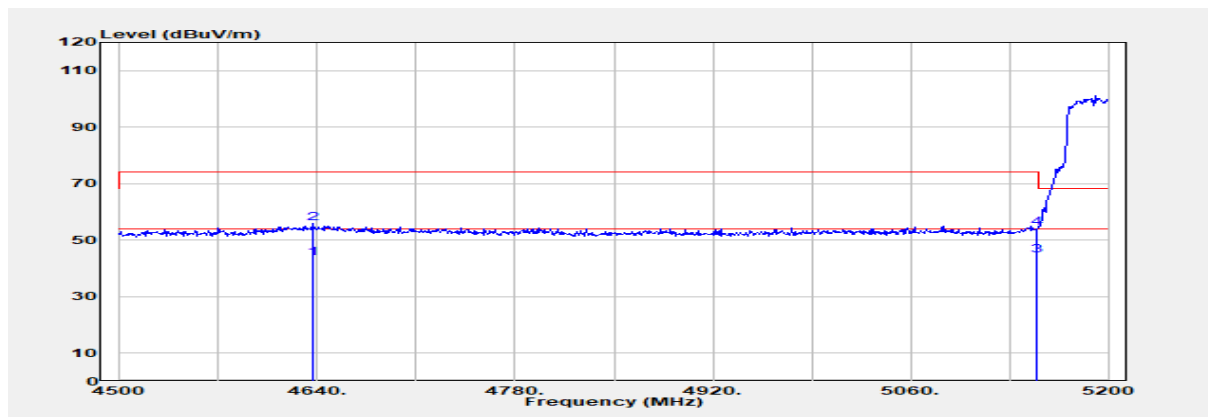
Temp./Humi. :21.3/68

Test Mode :BE CH LOW

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4636.500	Average	40.14	3.42	43.56	54.00	-10.44
4636.500	Peak	52.45	3.42	55.87	74.00	-18.13
5150.000	Average	41.49	3.03	44.52	54.00	-9.48
5150.000	Peak	51.17	3.03	54.20	74.00	-19.80

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac40

Test Date :2021-12-21

Test Frequency :5190 MHz

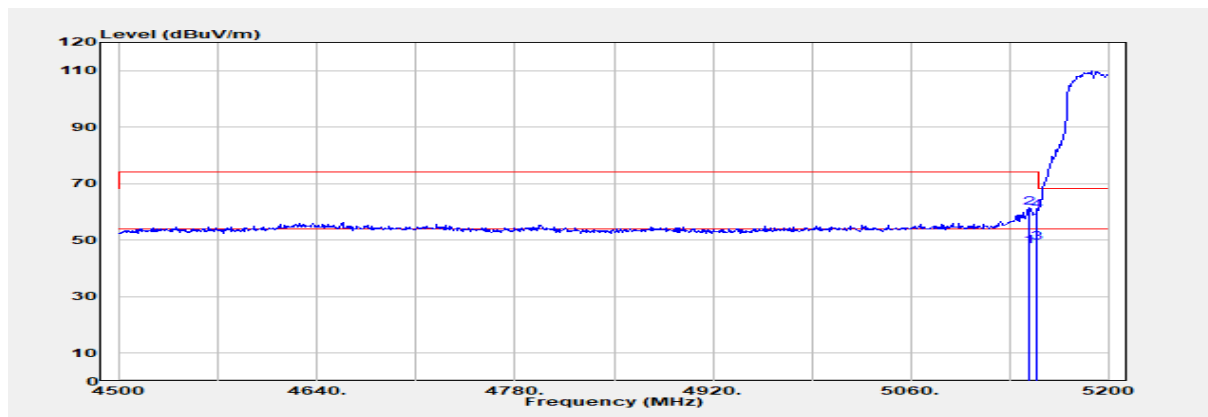
Temp./Humi. :21.3/68

Test Mode :BE CH LOW

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5144.000	Average	44.94	2.89	47.83	54.00	-6.17
5144.000	Peak	58.57	2.89	61.46	74.00	-12.54
5150.000	Average	46.11	3.03	49.14	54.00	-4.86
5150.000	Peak	57.47	3.03	60.50	74.00	-13.50

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac40

Test Date :2021-12-21

Test Frequency :5310 MHz

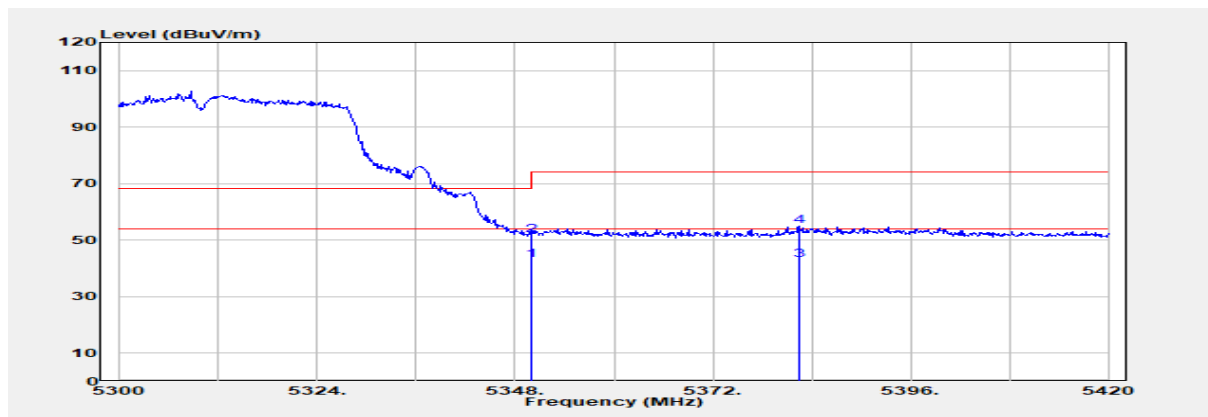
Temp./Humi. :21.3/68

Test Mode :BE CH HIGH

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	40.62	2.21	42.83	54.00	-11.17
5350.000	Peak	49.42	2.21	51.63	74.00	-22.37
5382.440	Average	40.67	2.41	43.08	54.00	-10.92
5382.440	Peak	52.41	2.41	54.82	74.00	-19.18

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac40

Test Date :2021-12-21

Test Frequency :5310 MHz

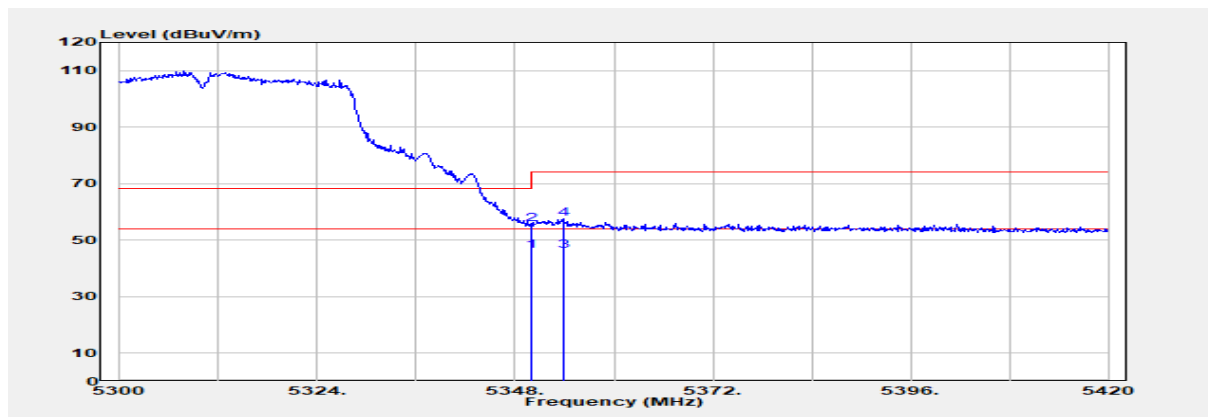
Temp./Humi. :21.3/68

Test Mode :BE CH HIGH

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	44.08	2.21	46.29	54.00	-7.71
5350.000	Peak	53.44	2.21	55.65	74.00	-18.35
5353.880	Average	43.94	2.21	46.15	54.00	-7.85
5353.880	Peak	55.48	2.21	57.70	74.00	-16.30

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac40

Test Date :2021-12-21

Test Frequency :5510 MHz

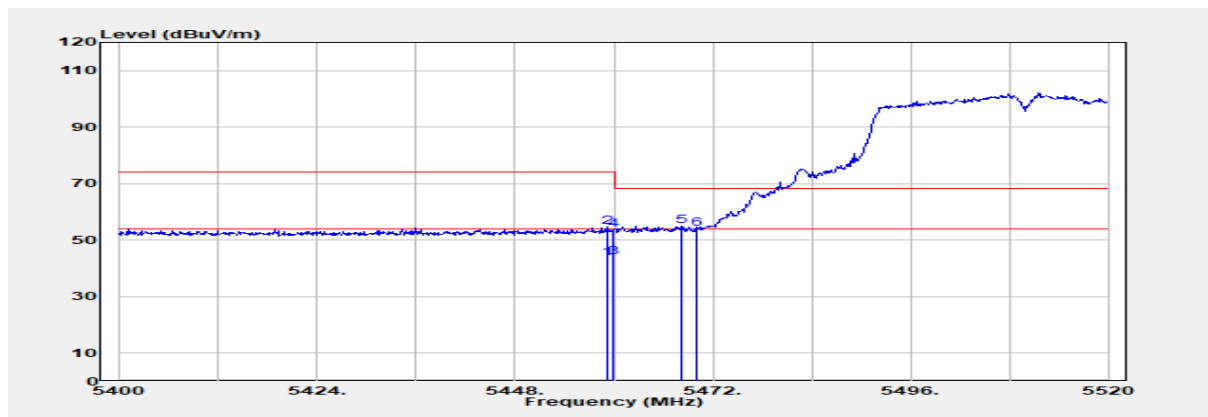
Temp./Humi. :21.3/68

Test Mode :BE CH LOW

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5459.160	Average	40.92	2.64	43.55	54.00	-10.45
5459.160	Peak	51.93	2.64	54.57	74.00	-19.43
5460.000	Average	41.22	2.64	43.86	54.00	-10.14
5460.000	Peak	50.92	2.64	53.56	74.00	-20.44
5468.160	Peak	52.35	2.75	55.10	68.20	-13.10
5470.000	Peak	51.27	2.77	54.04	68.20	-14.16

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac40

Test Date :2021-12-21

Test Frequency :5510 MHz

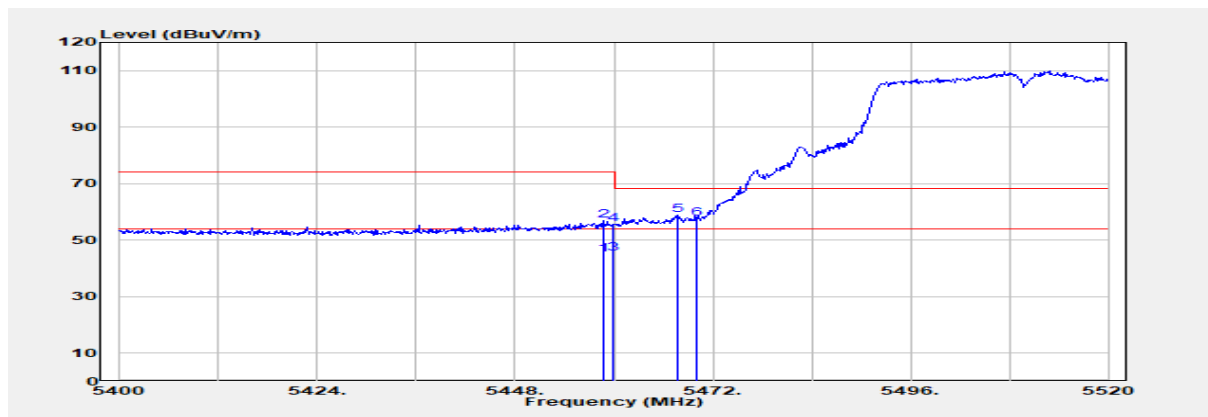
Temp./Humi. :21.3/68

Test Mode :BE CH LOW

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5458.680	Average	42.34	2.63	44.97	54.00	-9.03
5458.680	Peak	54.31	2.63	56.94	74.00	-17.06
5460.000	Average	42.44	2.64	45.08	54.00	-8.92
5460.000	Peak	53.01	2.64	55.65	74.00	-18.35
5467.800	Peak	56.11	2.74	58.85	68.20	-9.35
5470.000	Peak	54.91	2.77	57.68	68.20	-10.52

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac40

Test Date :2021-12-21

Test Frequency :5670 MHz

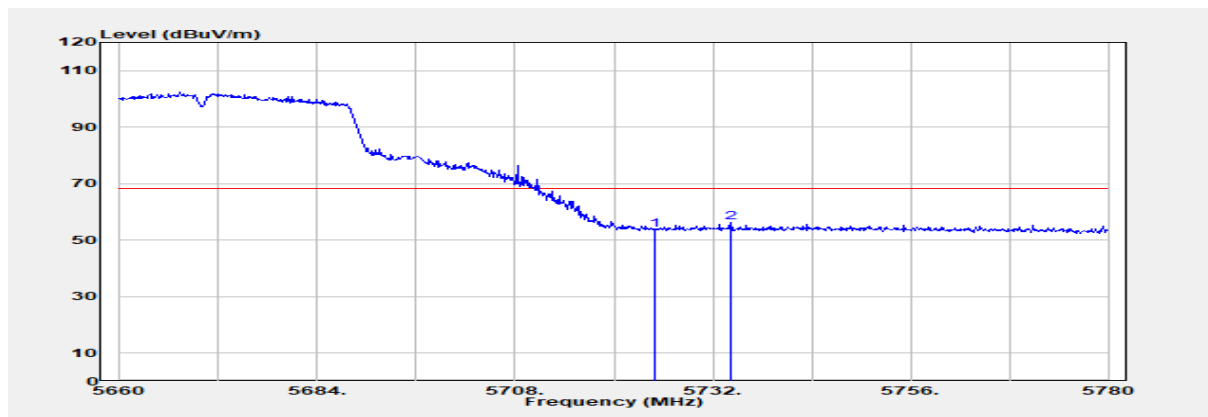
Temp./Humi. :21.3/68

Test Mode :BE CH HIGH

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	49.49	4.21	53.70	68.20	-14.50
5734.160	Peak	51.99	4.29	56.28	68.20	-11.92

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac40

Test Date :2021-12-21

Test Frequency :5670 MHz

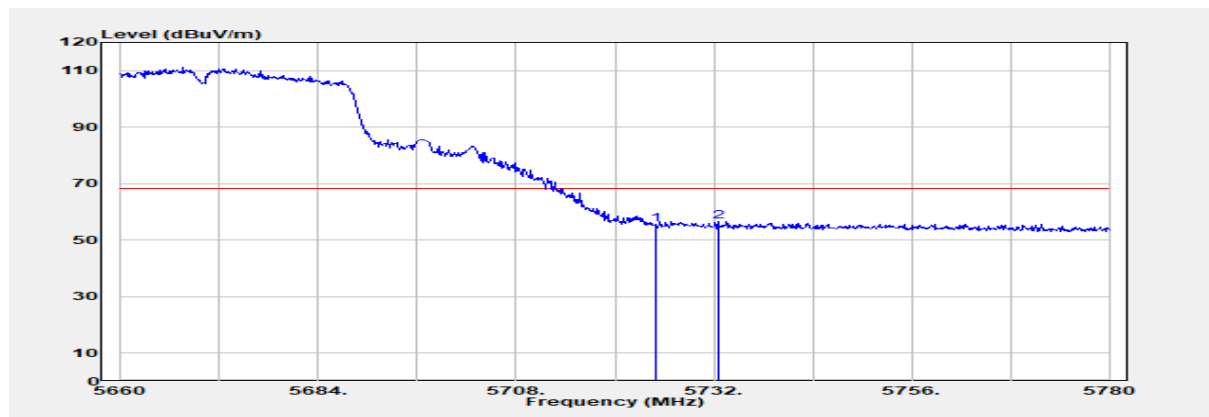
Temp./Humi. :21.3/68

Test Mode :BE CH HIGH

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	51.32	4.21	55.53	68.20	-12.67
5732.480	Peak	52.43	4.27	56.70	68.20	-11.50

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac40

Test Date :2021-12-22

Test Frequency :5710 MHz

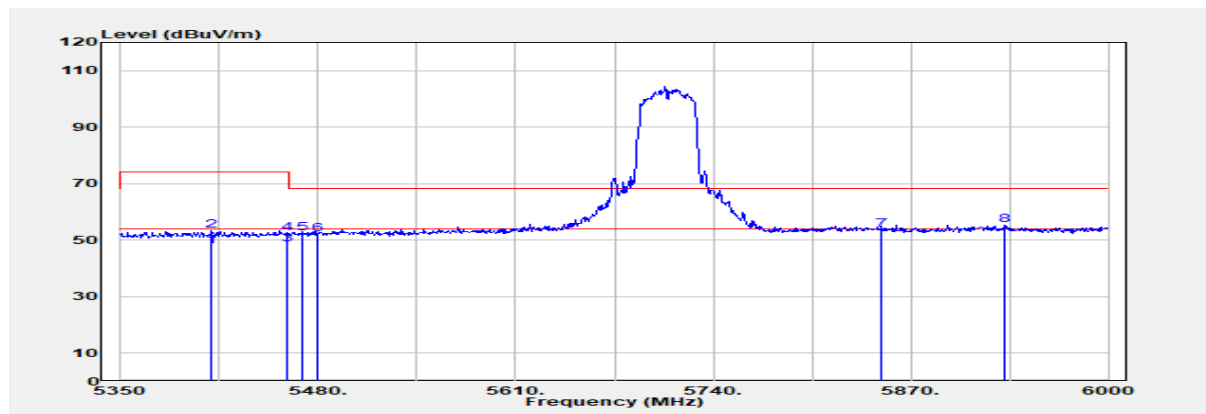
Temp./Humi. :22.1/62

Test Mode :BE CH MID

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5409.800	Average	45.13	2.59	47.71	54.00	-6.29
5409.800	Peak	50.87	2.59	53.46	74.00	-20.54
5460.000	Average	45.81	2.64	48.45	54.00	-5.55
5460.000	Peak	49.60	2.64	52.24	74.00	-21.76
5470.000	Peak	49.73	2.77	52.50	68.20	-15.70
5480.000	Peak	49.15	2.76	51.91	68.20	-16.29
5850.000	Peak	49.22	4.31	53.53	68.20	-14.67
5931.750	Peak	51.03	4.30	55.34	68.20	-12.86

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac40

Test Date :2021-12-22

Test Frequency :5710 MHz

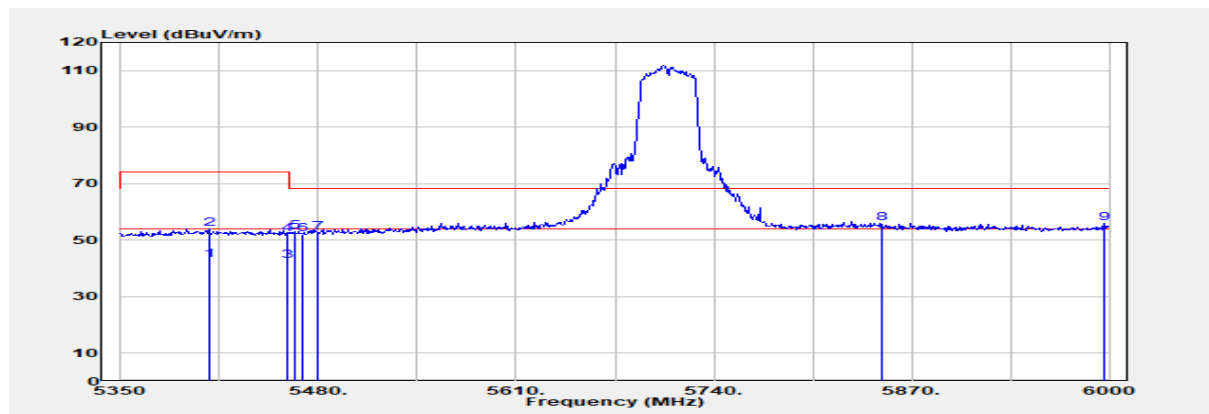
Temp./Humi. :22.1/62

Test Mode :BE CH MID

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5407.850	Average	40.47	2.58	43.05	54.00	-10.95
5407.850	Peak	51.45	2.58	54.03	74.00	-19.97
5460.000	Average	39.85	2.64	42.49	54.00	-11.51
5460.000	Peak	49.30	2.64	51.94	74.00	-22.06
5465.050	Peak	50.32	2.71	53.03	68.20	-15.17
5470.000	Peak	49.33	2.77	52.10	68.20	-16.10
5480.000	Peak	49.86	2.76	52.62	68.20	-15.58
5850.000	Peak	51.63	4.31	55.94	68.20	-12.26
5996.750	Peak	51.71	4.24	55.96	68.20	-12.24

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac40

Test Date :2021-12-22

Test Frequency :5755 MHz

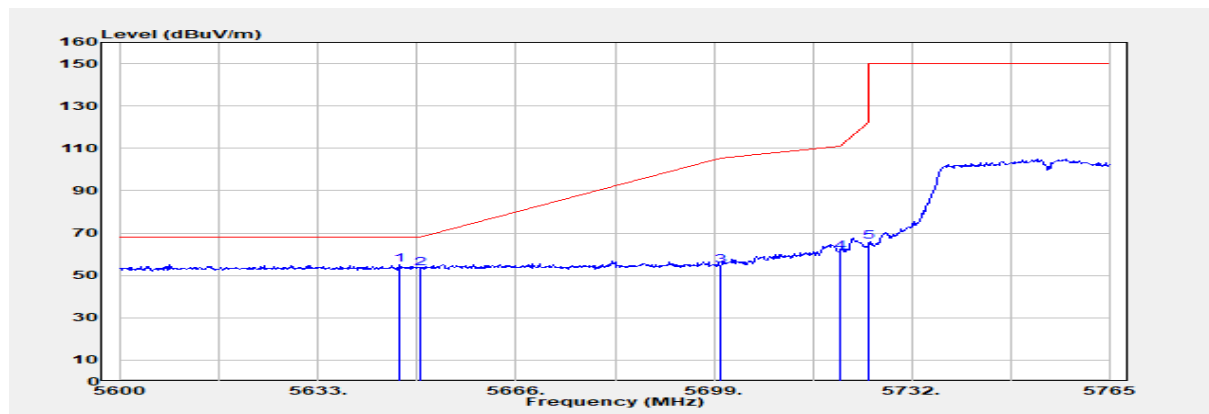
Temp./Humi. :22.1/62

Test Mode :BE CH LOW

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5646.530	Peak	51.66	3.53	55.19	68.20	-13.01
5650.000	Peak	49.69	3.60	53.29	68.20	-14.91
5700.000	Peak	51.32	3.31	54.63	105.20	-50.57
5720.000	Peak	56.85	4.17	61.02	110.80	-49.78
5725.000	Peak	61.59	4.21	65.80	122.20	-56.40

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac40

Test Date :2021-12-22

Test Frequency :5755 MHz

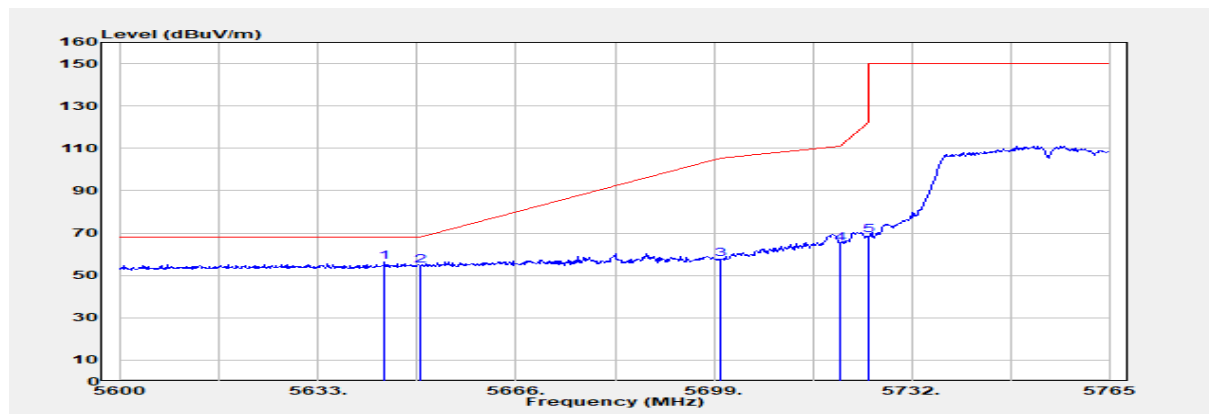
Temp./Humi. :22.1/62

Test Mode :BE CH LOW

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5644.055	Peak	53.02	3.49	56.51	68.20	-11.69
5650.000	Peak	50.83	3.60	54.43	68.20	-13.77
5700.000	Peak	54.24	3.31	57.55	105.20	-47.65
5720.000	Peak	60.67	4.17	64.84	110.80	-45.96
5725.000	Peak	64.68	4.21	68.89	122.20	-53.31

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac40

Test Date :2021-12-22

Test Frequency :5795 MHz

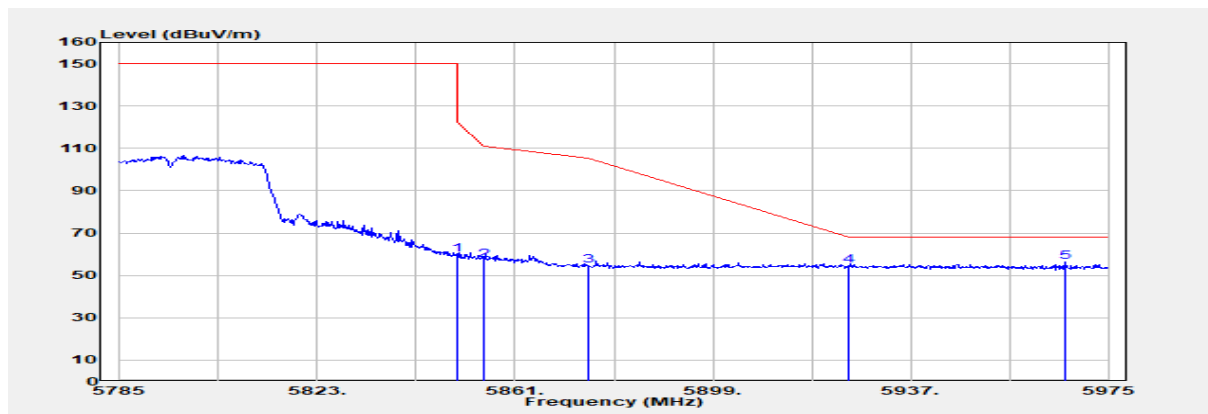
Temp./Humi. :22.1/62

Test Mode :BE CH HIGH

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	55.48	4.31	59.79	122.20	-62.41
5855.000	Peak	52.92	4.21	57.13	110.80	-53.67
5875.000	Peak	50.78	3.90	54.68	105.20	-50.52
5925.000	Peak	50.44	4.36	54.80	68.20	-13.40
5966.640	Peak	52.37	3.86	56.23	68.20	-11.97

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac40

Test Date :2021-12-22

Test Frequency :5795 MHz

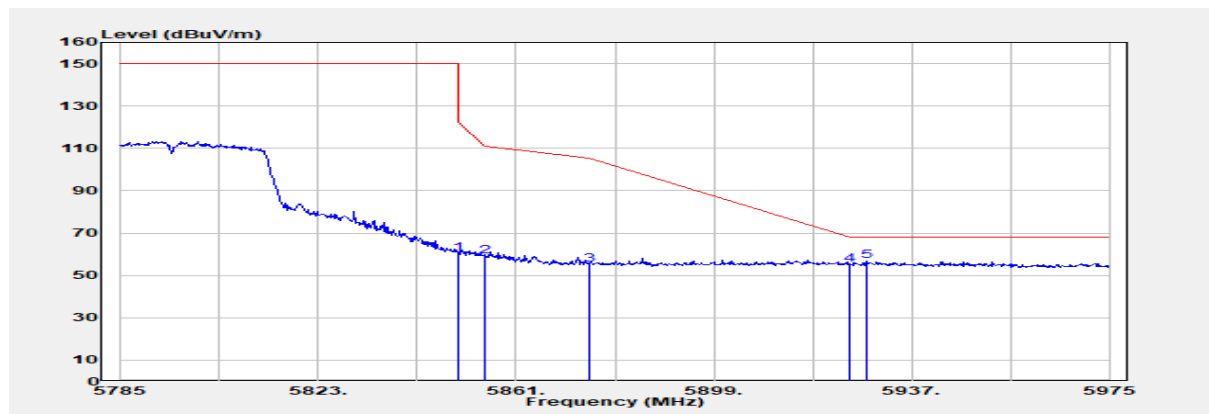
Temp./Humi. :22.1/62

Test Mode :BE CH HIGH

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5850.000	Peak	56.10	4.31	60.41	122.20	-61.79
5855.000	Peak	54.59	4.21	58.80	110.80	-52.00
5875.000	Peak	51.18	3.90	55.08	105.20	-50.12
5925.000	Peak	50.88	4.36	55.24	68.20	-12.96
5928.260	Peak	52.24	4.35	56.59	68.20	-11.61

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac80

Test Date :2021-12-22

Test Frequency :5210 MHz

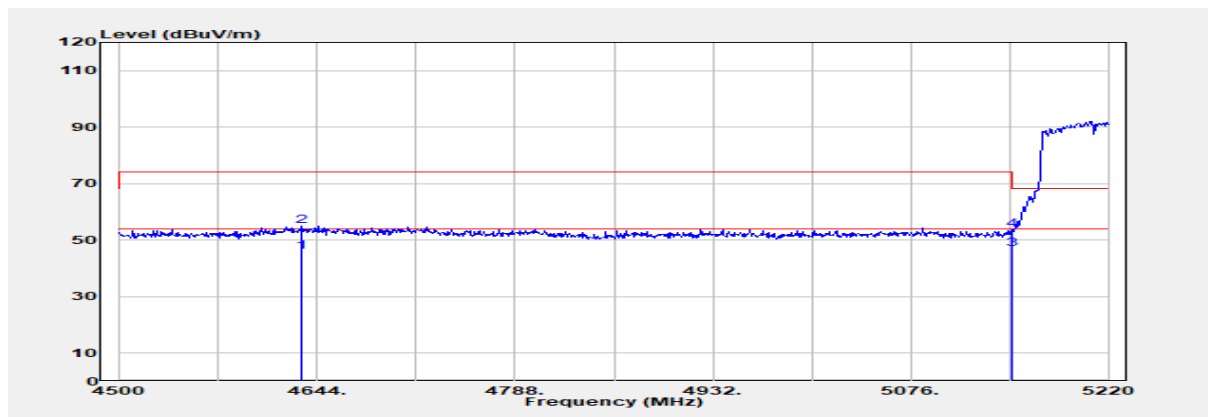
Temp./Humi. :22.1/62

Test Mode :BE CH LOW

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4631.760	Average	42.45	3.41	45.86	54.00	-8.14
4631.760	Peak	51.51	3.41	54.92	74.00	-19.08
5150.000	Average	43.75	3.03	46.78	54.00	-7.22
5150.000	Peak	50.54	3.03	53.57	74.00	-20.43

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac80

Test Date :2021-12-22

Test Frequency :5210 MHz

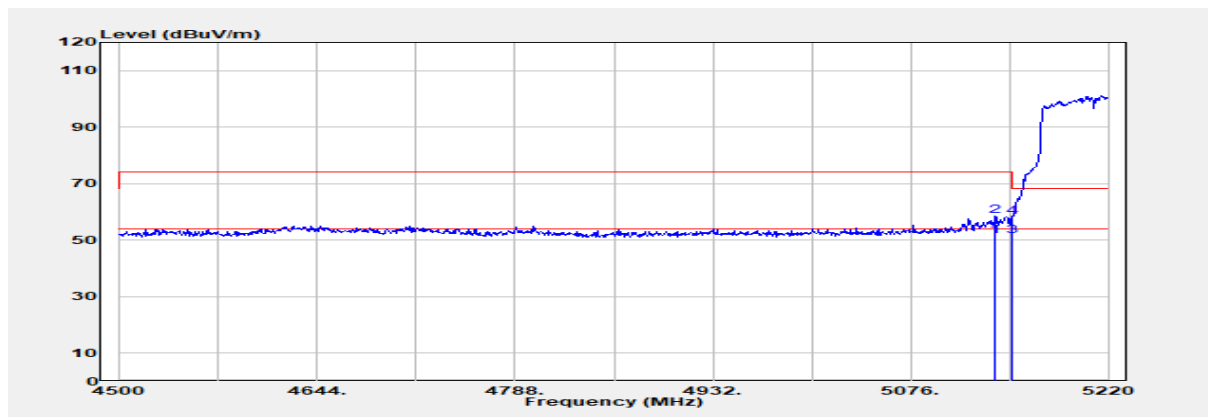
Temp./Humi. :22.1/62

Test Mode :BE CH LOW

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5137.920	Average	48.53	2.77	51.30	54.00	-2.70
5137.920	Peak	55.85	2.77	58.62	74.00	-15.38
5150.000	Average	48.28	3.03	51.31	54.00	-2.69
5150.000	Peak	55.25	3.03	58.28	74.00	-15.72

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac80

Test Date :2021-12-22

Test Frequency :5290 MHz

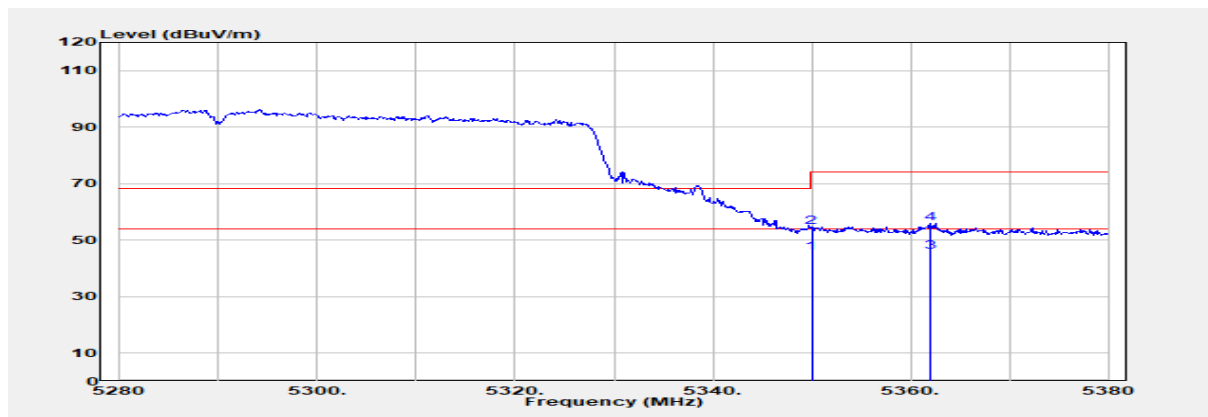
Temp./Humi. :22.1/62

Test Mode :BE CH HIGH

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	43.46	2.21	45.67	54.00	-8.33
5350.000	Peak	52.57	2.21	54.78	74.00	-19.22
5362.100	Average	43.54	2.24	45.78	54.00	-8.22
5362.100	Peak	53.71	2.24	55.95	74.00	-18.05

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac80

Test Date :2021-12-22

Test Frequency :5290 MHz

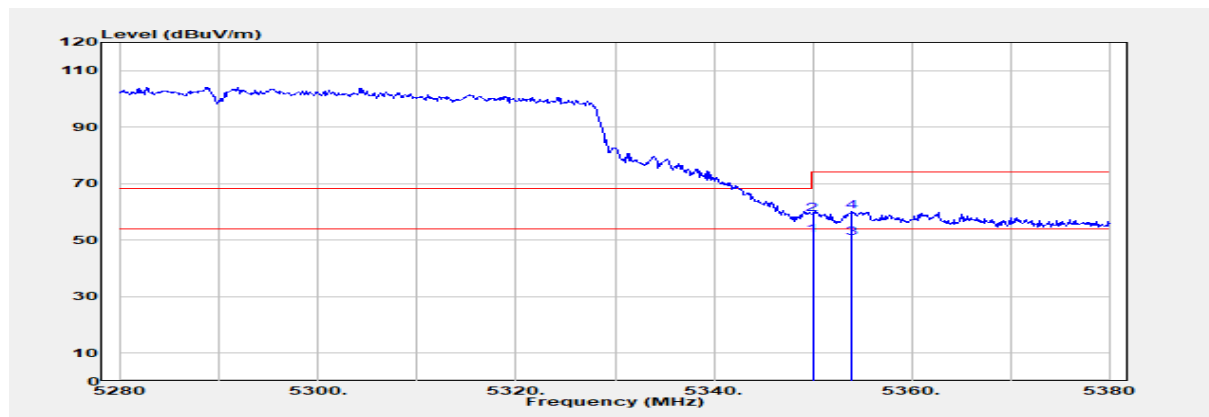
Temp./Humi. :22.1/62

Test Mode :BE CH HIGH

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	49.60	2.21	51.81	54.00	-2.19
5350.000	Peak	57.14	2.21	59.35	74.00	-14.65
5354.000	Average	48.46	2.21	50.67	54.00	-3.33
5354.000	Peak	57.95	2.21	60.16	74.00	-13.84

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac80

Test Date :2021-12-22

Test Frequency :5530 MHz

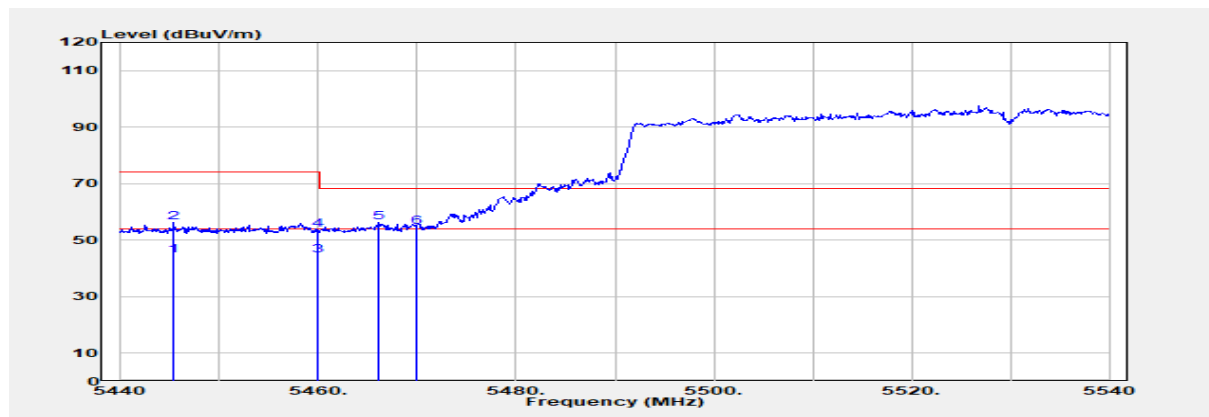
Temp./Humi. :22.1/62

Test Mode :BE CH LOW

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5445.400	Average	42.18	2.47	44.65	54.00	-9.35
5445.400	Peak	53.65	2.47	56.12	74.00	-17.88
5460.000	Average	42.07	2.64	44.71	54.00	-9.29
5460.000	Peak	51.08	2.64	53.72	74.00	-20.28
5466.000	Peak	53.61	2.72	56.33	68.20	-11.87
5470.000	Peak	51.94	2.77	54.71	68.20	-13.49

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac80

Test Date :2021-12-22

Test Frequency :5530 MHz

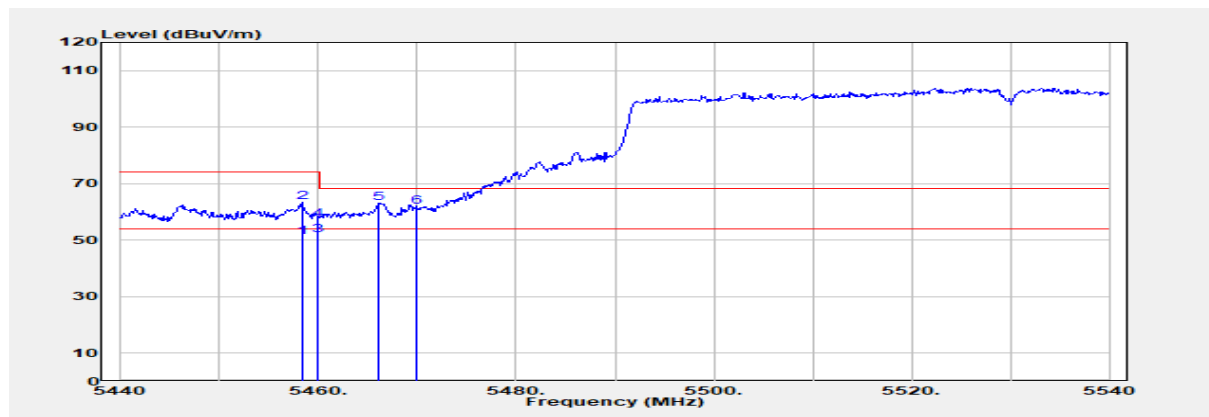
Temp./Humi. :22.1/62

Test Mode :BE CH LOW

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5458.300	Average	48.54	2.63	51.17	54.00	-2.83
5458.300	Peak	60.64	2.63	63.28	74.00	-10.72
5460.000	Average	49.04	2.64	51.68	54.00	-2.32
5460.000	Peak	54.52	2.64	57.16	74.00	-16.84
5466.100	Peak	60.40	2.72	63.12	68.20	-5.08
5470.000	Peak	58.97	2.77	61.74	68.20	-6.46

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac80

Test Date :2021-12-22

Test Frequency :5610 MHz

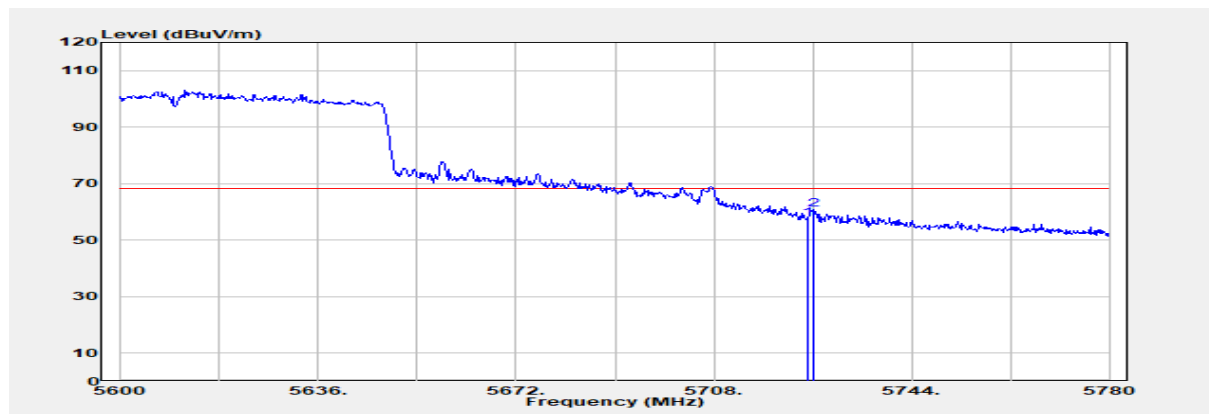
Temp./Humi. :22.1/62

Test Mode :BE CH HIGH

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	53.51	4.21	57.72	68.20	-10.48
5726.180	Peak	56.49	4.22	60.71	68.20	-7.49

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac80

Test Date :2021-12-22

Test Frequency :5610 MHz

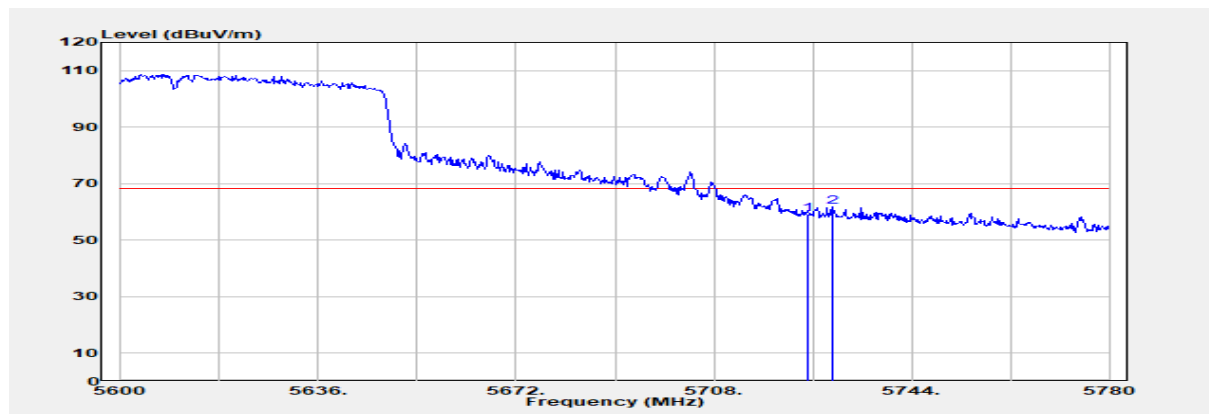
Temp./Humi. :22.1/62

Test Mode :BE CH HIGH

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	55.11	4.21	59.32	68.20	-8.88
5729.600	Peak	57.40	4.25	61.65	68.20	-6.55

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac80

Test Date :2021-12-22

Test Frequency :5690 MHz

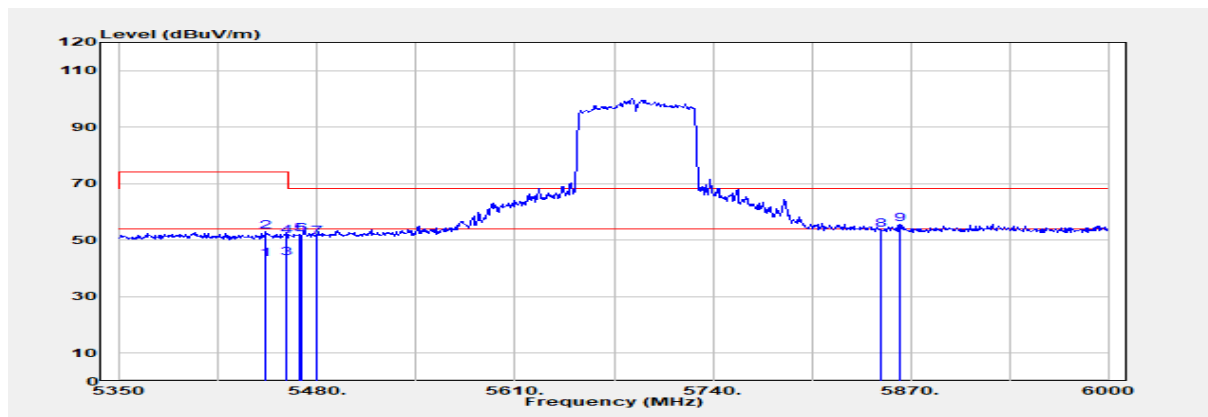
Temp./Humi. :22.1/62

Test Mode :BE CH MID

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5446.200	Average	40.81	2.49	43.30	54.00	-10.70
5446.200	Peak	50.60	2.49	53.09	74.00	-20.91
5460.000	Average	40.81	2.64	43.45	54.00	-10.55
5460.000	Peak	48.77	2.64	51.41	74.00	-22.59
5467.650	Peak	49.25	2.74	51.99	68.20	-16.21
5470.000	Peak	49.16	2.77	51.93	68.20	-16.27
5480.000	Peak	48.34	2.76	51.10	68.20	-17.10
5850.000	Peak	49.39	4.31	53.70	68.20	-14.50
5863.500	Peak	51.65	4.06	55.71	68.20	-12.49

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac80

Test Date :2021-12-22

Test Frequency :5690 MHz

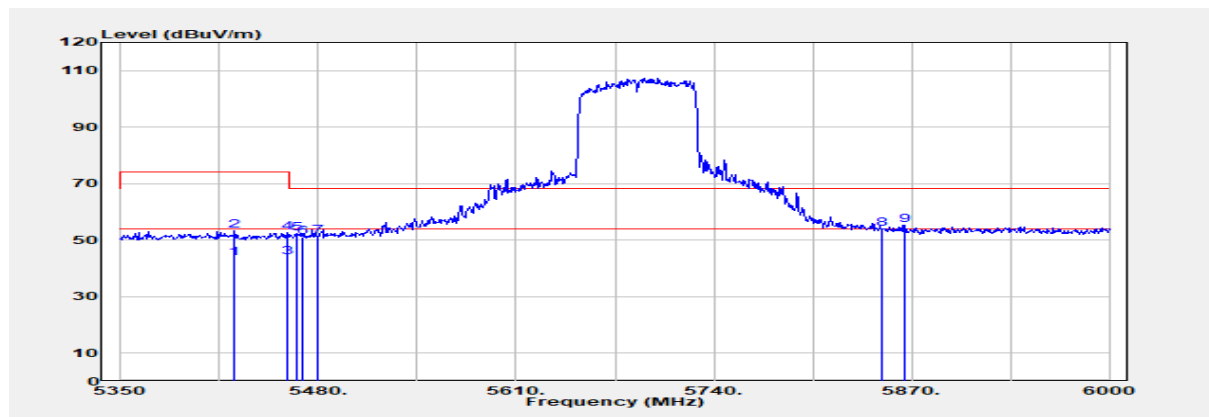
Temp./Humi. :22.1/62

Test Mode :BE CH MID

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5424.750	Average	41.08	2.40	43.48	54.00	-10.52
5424.750	Peak	51.07	2.40	53.47	74.00	-20.53
5460.000	Average	41.24	2.64	43.88	54.00	-10.12
5460.000	Peak	50.14	2.64	52.78	74.00	-21.22
5465.700	Peak	49.73	2.71	52.45	68.20	-15.75
5470.000	Peak	48.43	2.77	51.20	68.20	-17.00
5480.000	Peak	48.62	2.76	51.38	68.20	-16.82
5850.000	Peak	49.53	4.31	53.84	68.20	-14.36
5866.100	Peak	51.14	4.02	55.16	68.20	-13.04

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac80

Test Date :2021-12-22

Test Frequency :5775 MHz

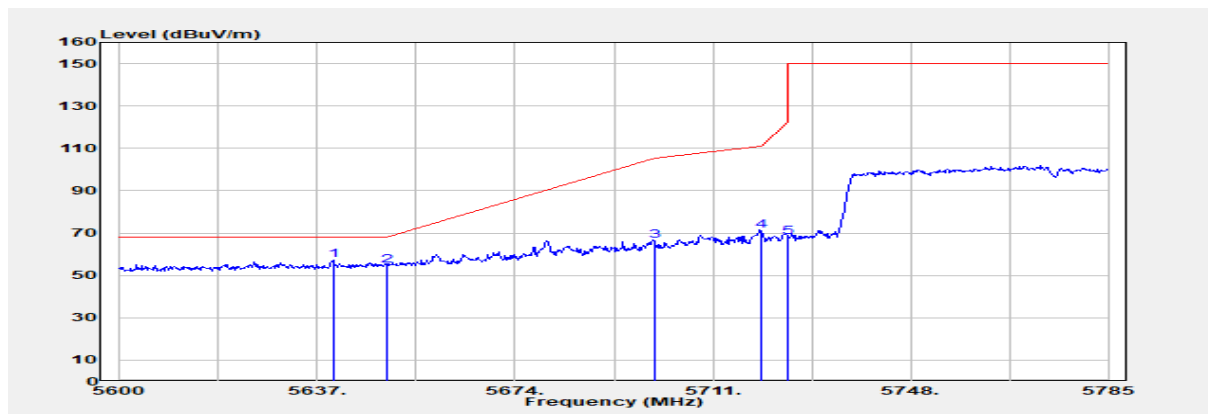
Temp./Humi. :22.1/62

Test Mode :BE CH LOW

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5639.960	Peak	53.62	3.41	57.03	68.20	-11.17
5650.000	Peak	51.12	3.60	54.72	68.20	-13.48
5700.000	Peak	62.93	3.31	66.24	105.20	-38.96
5720.000	Peak	66.76	4.17	70.93	110.80	-39.87
5725.000	Peak	63.97	4.21	68.18	122.20	-54.02

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac80

Test Date :2021-12-22

Test Frequency :5775 MHz

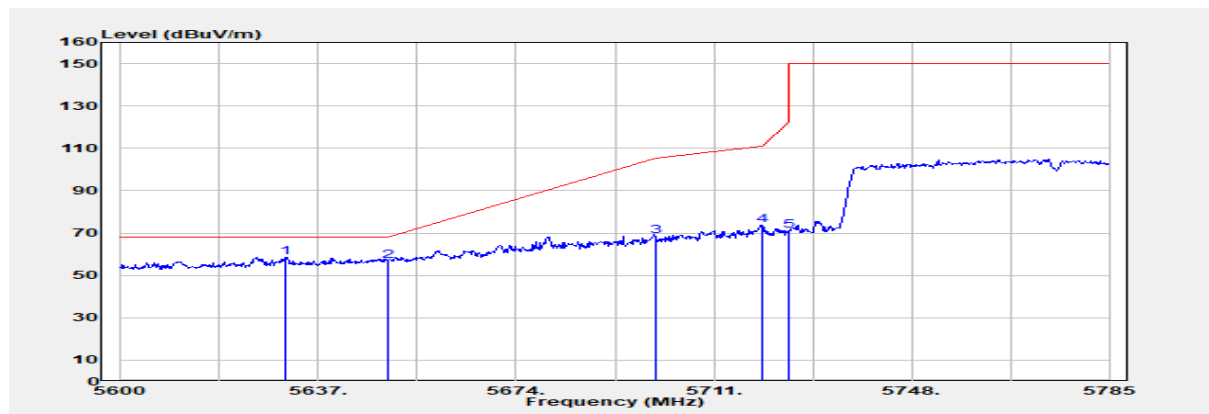
Temp./Humi. :22.1/62

Test Mode :BE CH LOW

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5630.895	Peak	55.24	3.48	58.72	68.20	-9.48
5650.000	Peak	53.37	3.60	56.97	68.20	-11.23
5700.000	Peak	65.39	3.31	68.70	105.20	-36.50
5720.000	Peak	69.50	4.17	73.67	110.80	-37.13
5725.000	Peak	66.82	4.21	71.03	122.20	-51.17

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac80

Test Date :2021-12-22

Test Frequency :5775 MHz

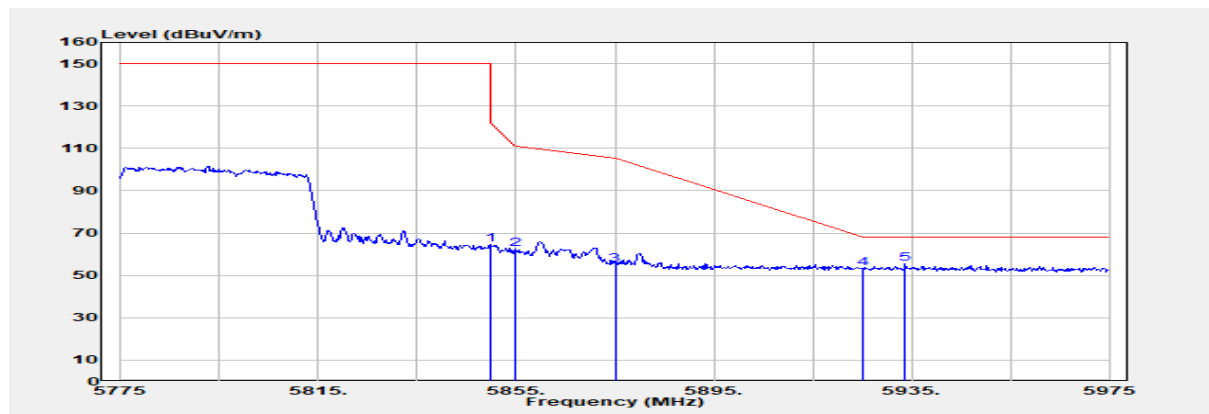
Temp./Humi. :22.1/62

Test Mode :BE CH HIGH

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	60.18	4.31	64.49	122.20	-57.71
5855.000	Peak	58.21	4.21	62.42	110.80	-48.38
5875.000	Peak	51.35	3.90	55.25	105.20	-49.95
5925.000	Peak	48.81	4.36	53.17	68.20	-15.03
5933.800	Peak	51.04	4.26	55.30	68.20	-12.90

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac80

Test Date :2021-12-22

Test Frequency :5775 MHz

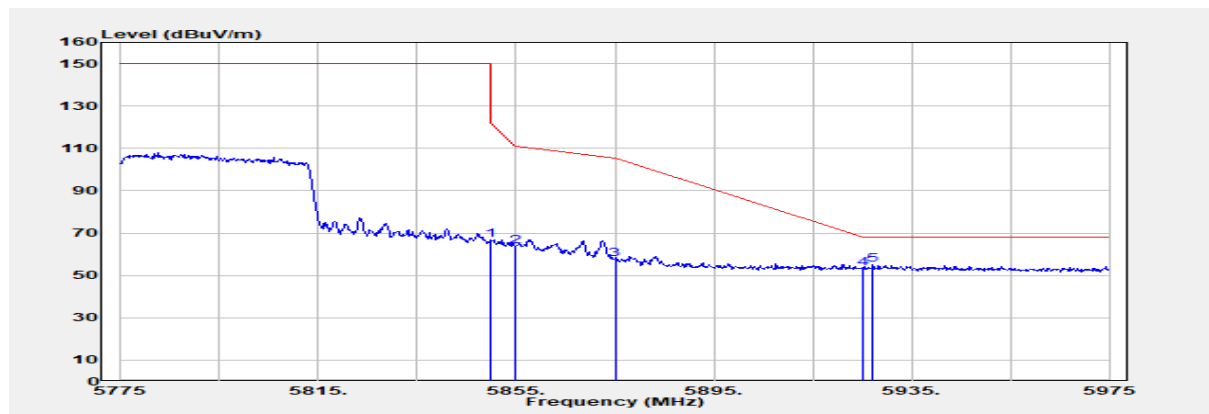
Temp./Humi. :22.1/62

Test Mode :BE CH HIGH

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	62.41	4.31	66.72	122.20	-55.48
5855.000	Peak	59.73	4.21	63.94	110.80	-46.86
5875.000	Peak	53.74	3.90	57.64	105.20	-47.56
5925.000	Peak	48.88	4.36	53.24	68.20	-14.96
5927.200	Peak	50.52	4.35	54.87	68.20	-13.33

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac160

Test Date :2021-12-22

Test Frequency :5250 MHz

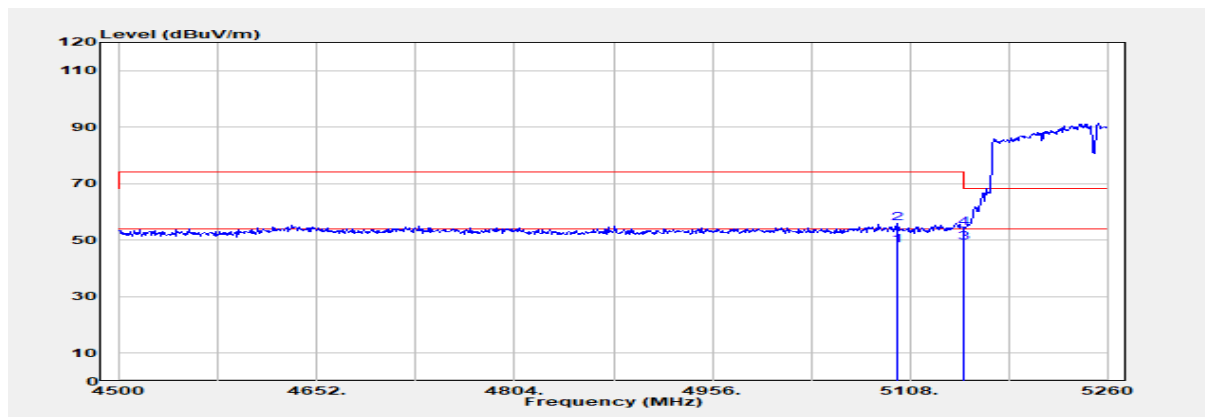
Temp./Humi. :22.1/62

Test Mode :BE CH LOW

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5098.120	Average	45.12	3.01	48.13	54.00	-5.87
5098.120	Peak	53.00	3.01	56.01	74.00	-17.99
5150.000	Average	46.22	3.03	49.25	54.00	-4.76
5150.000	Peak	51.30	3.03	54.33	74.00	-19.67

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac160

Test Date :2021-12-22

Test Frequency :5250 MHz

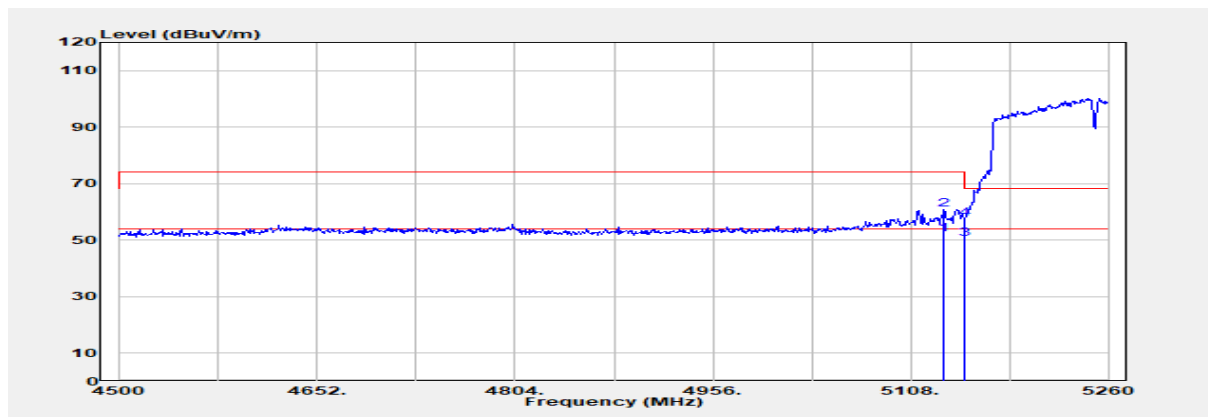
Temp./Humi. :22.1/62

Test Mode :BE CH LOW

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5133.840	Average	49.23	2.73	51.96	54.00	-2.04
5133.840	Peak	58.04	2.73	60.76	74.00	-13.24
5150.000	Average	47.42	3.03	50.45	54.00	-3.55
5150.000	Peak	54.69	3.03	57.72	74.00	-16.28

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac160

Test Date :2021-12-22

Test Frequency :5250 MHz

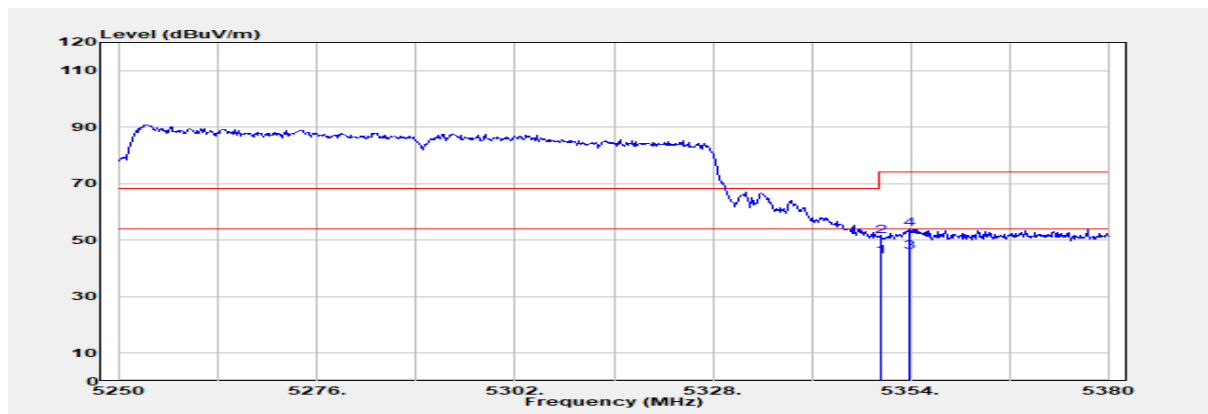
Temp./Humi. :22.1/62

Test Mode :BE CH HIGH

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	42.09	2.21	44.30	54.00	-9.70
5350.000	Peak	49.18	2.21	51.39	74.00	-22.61
5353.870	Average	43.73	2.21	45.95	54.00	-8.05
5353.870	Peak	51.65	2.21	53.86	74.00	-20.14

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac160

Test Date :2021-12-22

Test Frequency :5250 MHz

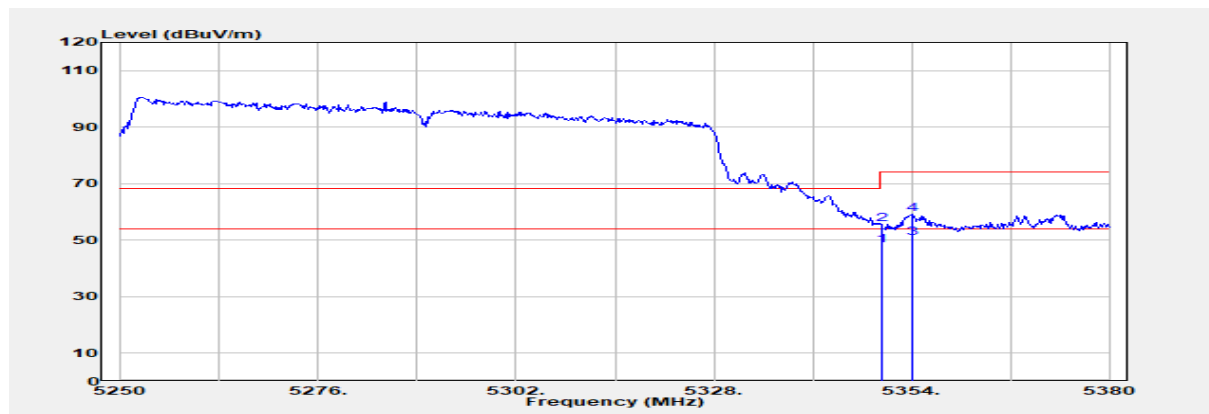
Temp./Humi. :22.1/62

Test Mode :BE CH HIGH

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	46.04	2.21	48.25	54.00	-5.75
5350.000	Peak	53.34	2.21	55.55	74.00	-18.45
5354.130	Average	48.49	2.21	50.70	54.00	-3.30
5354.130	Peak	56.86	2.21	59.08	74.00	-14.92

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac160

Test Date :2021-12-22

Test Frequency :5570 MHz

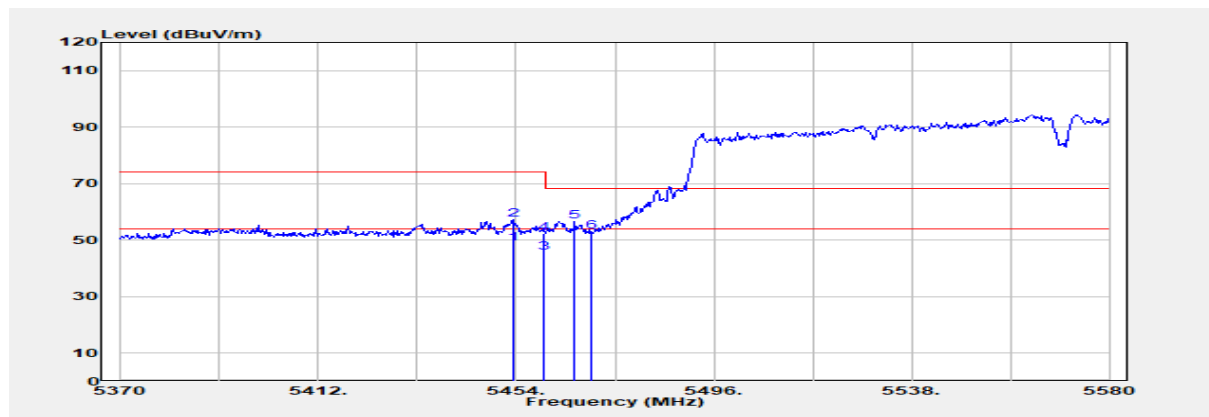
Temp./Humi. :22.1/62

Test Mode :BE CH LOW

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5453.580	Average	46.20	2.61	48.82	54.00	-5.18
5453.580	Peak	54.75	2.61	57.36	74.00	-16.64
5460.000	Average	42.89	2.64	45.53	54.00	-8.47
5460.000	Peak	49.57	2.64	52.21	74.00	-21.79
5466.390	Peak	53.96	2.72	56.68	68.20	-11.52
5470.000	Peak	50.34	2.77	53.11	68.20	-15.09

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac160

Test Date :2021-12-22

Test Frequency :5570 MHz

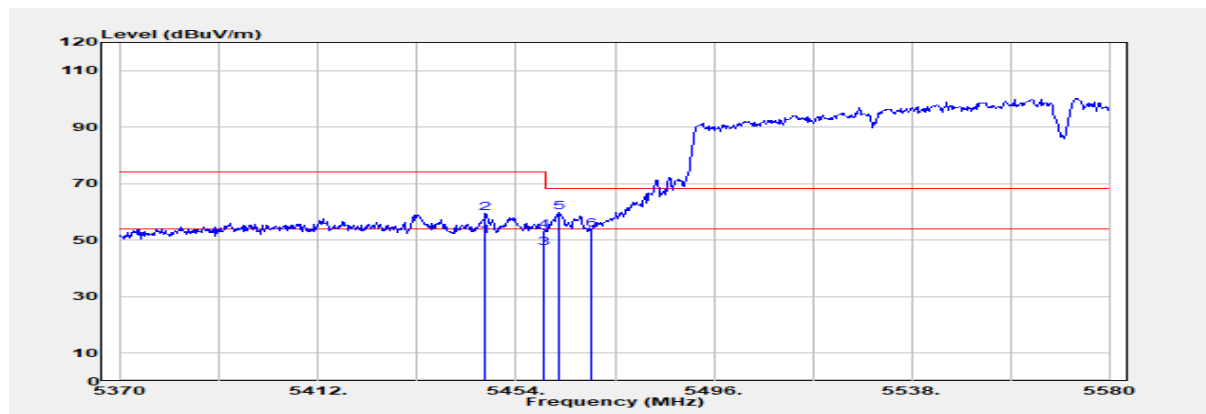
Temp./Humi. :22.1/62

Test Mode :BE CH LOW

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5447.490	Average	48.78	2.53	51.31	54.00	-2.69
5447.490	Peak	56.88	2.53	59.41	74.00	-14.59
5460.000	Average	44.45	2.64	47.09	54.00	-6.91
5460.000	Peak	50.61	2.64	53.25	74.00	-20.75
5463.030	Peak	57.17	2.68	59.85	68.20	-8.35
5470.000	Peak	50.87	2.77	53.64	68.20	-14.56

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac160

Test Date :2021-12-22

Test Frequency :5570 MHz

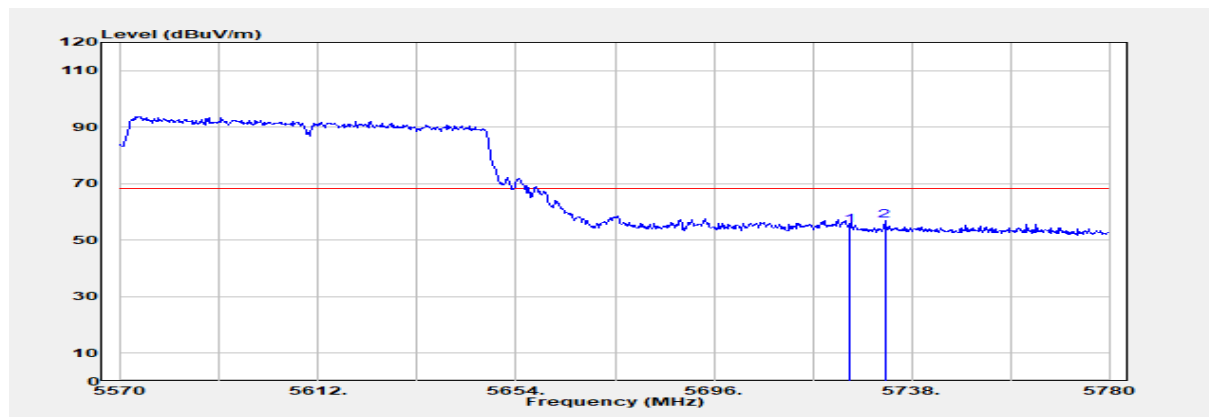
Temp./Humi. :22.1/62

Test Mode :BE CH HIGH

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5725.000	Peak	51.21	4.21	55.42	68.20	-12.78
5732.330	Peak	52.55	4.27	56.82	68.20	-11.38

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ac160

Test Date :2021-12-22

Test Frequency :5570 MHz

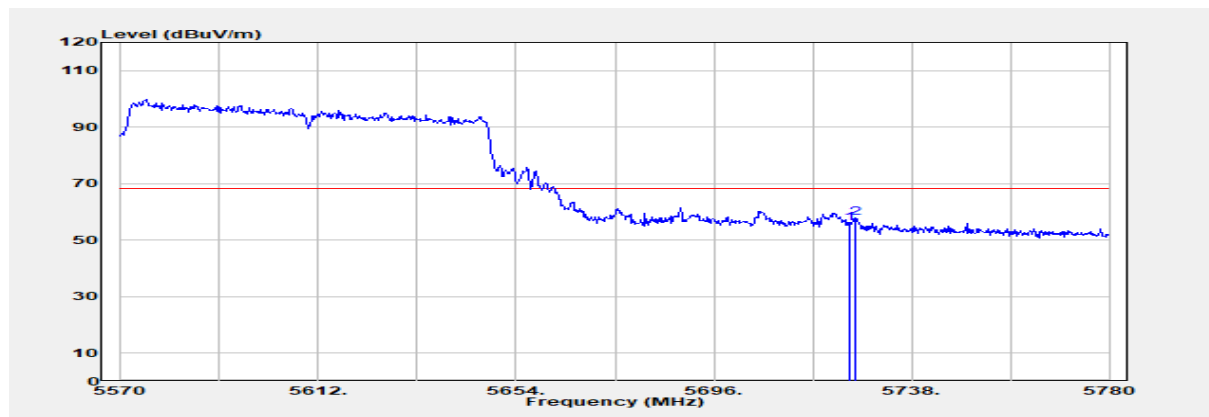
Temp./Humi. :22.1/62

Test Mode :BE CH HIGH

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	51.66	4.21	55.87	68.20	-12.33
5726.030	Peak	53.64	4.22	57.85	68.20	-10.35

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-22

Test Frequency :5180 MHz

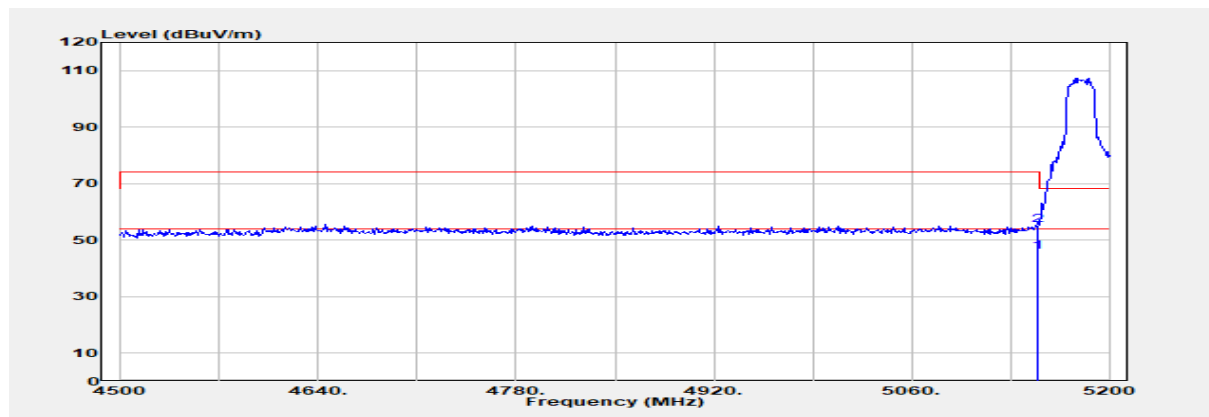
Temp./Humi. :22.1/62

Test Mode :BE CH LOW RU FULL

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5150.000	Average	42.79	3.03	45.82	54.00	-8.18
5150.000	Peak	52.32	3.03	55.35	74.00	-18.65

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-22

Test Frequency :5180 MHz

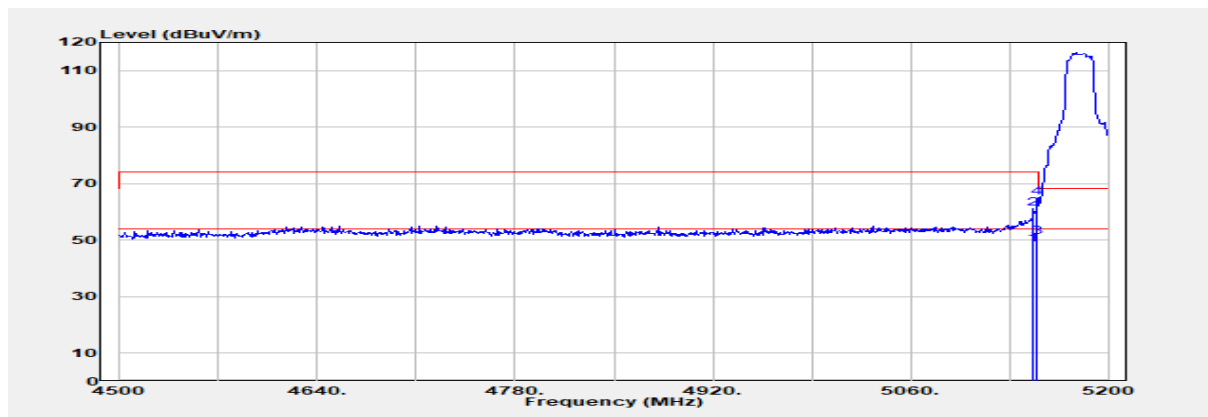
Temp./Humi. :22.1/62

Test Mode :BE CH LOW RU FULL

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5146.800	Average	45.66	2.95	48.61	54.00	-5.39
5146.800	Peak	58.33	2.95	61.28	74.00	-12.72
5150.000	Average	48.15	3.03	51.18	54.00	-2.82
5150.000	Peak	62.02	3.03	65.05	74.00	-8.95

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-22

Test Frequency :5180 MHz

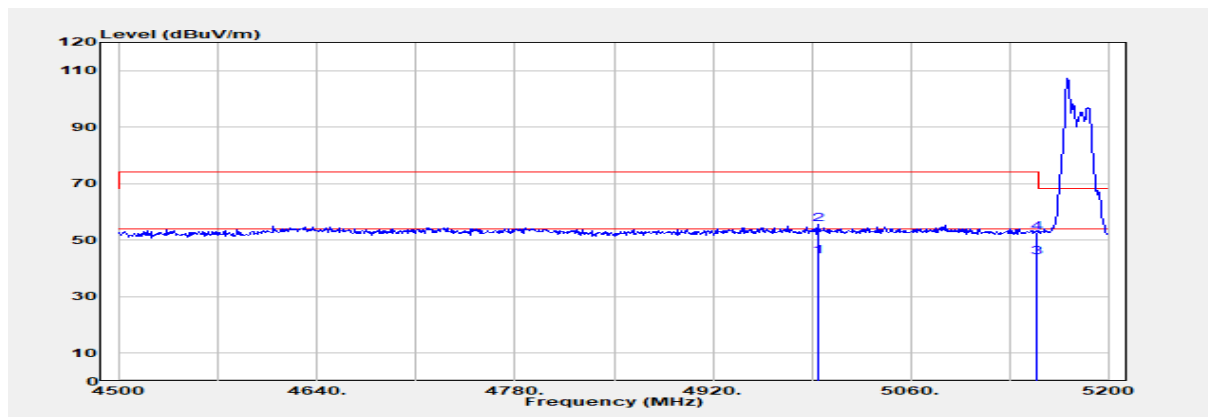
Temp./Humi. :22.1/62

Test Mode :BE CH LOW RU 26/0

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4994.200	Average	40.93	3.35	44.28	54.00	-9.72
4994.200	Peak	52.13	3.35	55.48	74.00	-18.52
5150.000	Average	41.02	3.03	44.05	54.00	-9.95
5150.000	Peak	49.53	3.03	52.56	74.00	-21.44

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-22

Test Frequency :5180 MHz

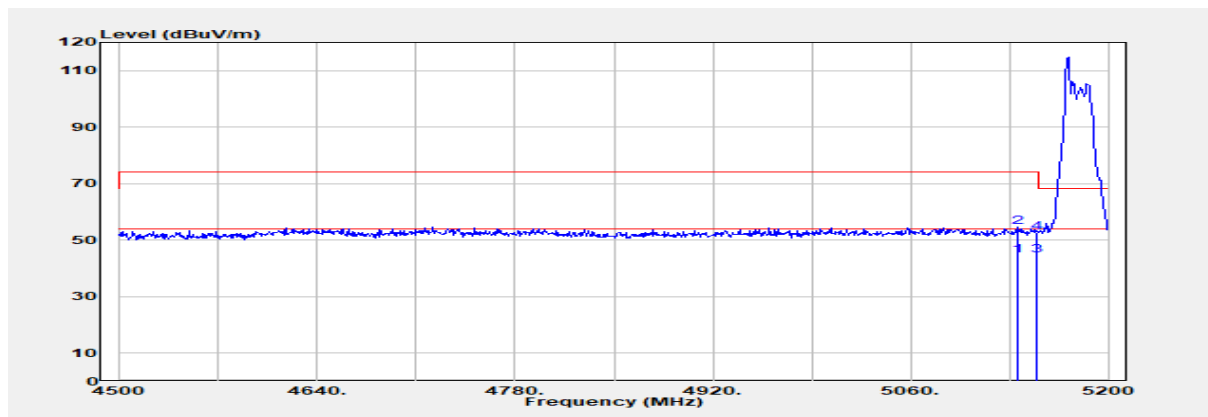
Temp./Humi. :22.1/62

Test Mode :BE CH LOW RU 26/0

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5135.600	Average	41.73	2.75	44.47	54.00	-9.53
5135.600	Peak	51.91	2.75	54.65	74.00	-19.35
5150.000	Average	41.66	3.03	44.69	54.00	-9.31
5150.000	Peak	49.67	3.03	52.70	74.00	-21.30

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-22

Test Frequency :5180 MHz

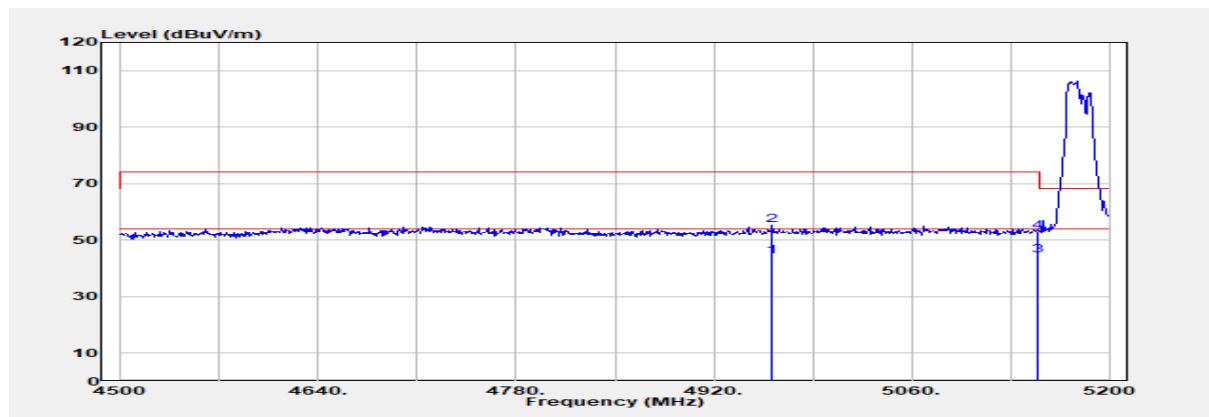
Temp./Humi. :22.1/62

Test Mode :BE CH LOW RU 106/53

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4961.300	Average	40.90	3.42	44.32	54.00	-9.68
4961.300	Peak	52.00	3.42	55.42	74.00	-18.58
5150.000	Average	41.45	3.03	44.48	54.00	-9.53
5150.000	Peak	50.08	3.03	53.11	74.00	-20.89

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-22

Test Frequency :5180 MHz

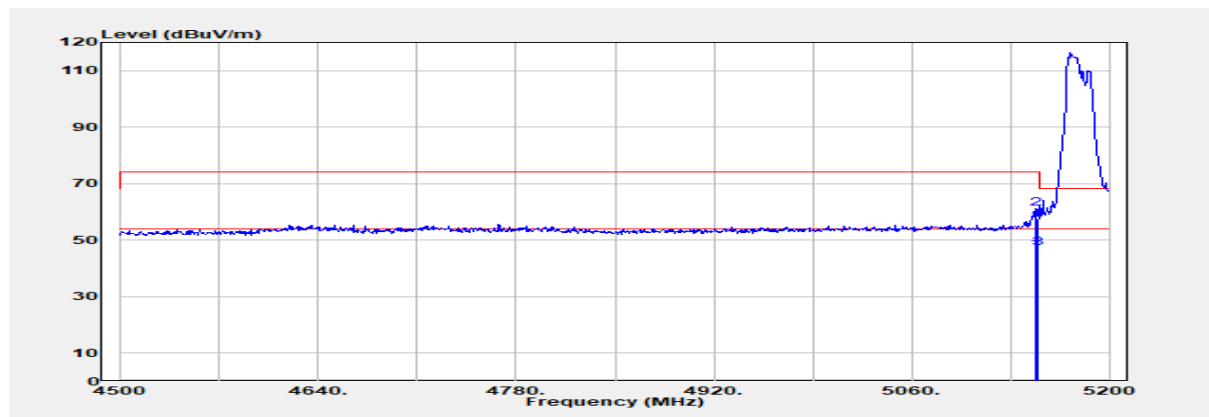
Temp./Humi. :22.1/62

Test Mode :BE CH LOW RU 106/53

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5147.500	Average	43.59	2.97	46.56	54.00	-7.44
5147.500	Peak	58.03	2.97	61.00	74.00	-13.00
5150.000	Average	44.10	3.03	47.13	54.00	-6.87
5150.000	Peak	54.40	3.03	57.43	74.00	-16.57

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-22

Test Frequency :5320 MHz

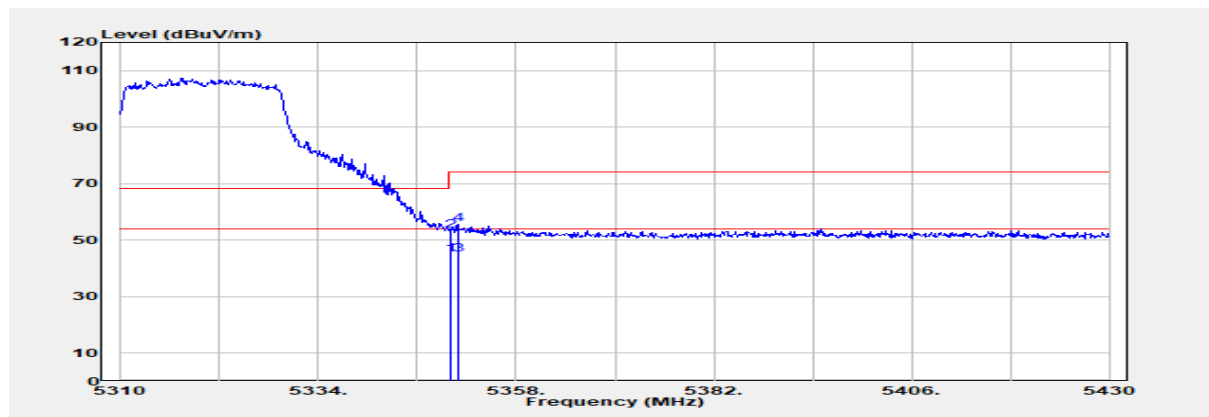
Temp./Humi. :22.1/62

Test Mode :BE CH HIGH RU FULL

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	42.72	2.21	44.93	54.00	-9.07
5350.000	Peak	51.24	2.21	53.45	74.00	-20.55
5350.920	Average	42.70	2.21	44.91	54.00	-9.09
5350.920	Peak	53.38	2.21	55.59	74.00	-18.41

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-22

Test Frequency :5320 MHz

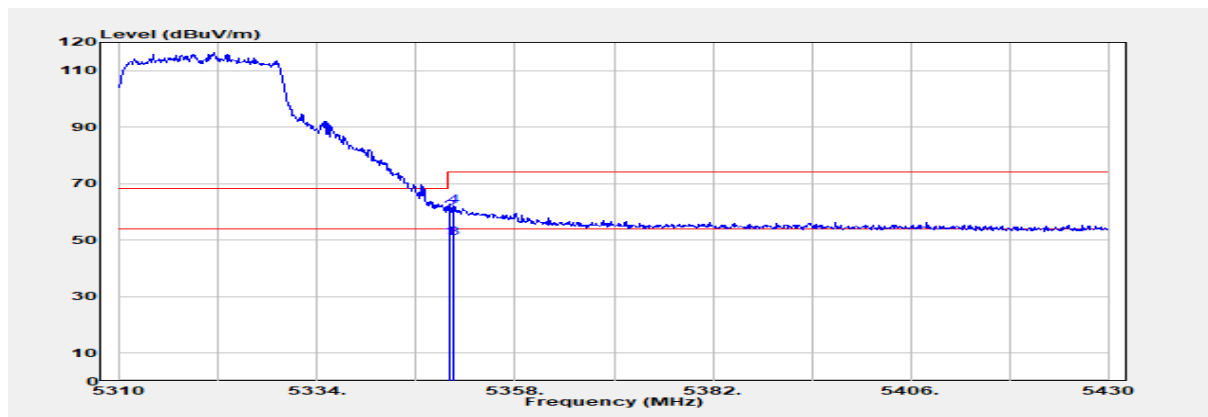
Temp./Humi. :22.1/62

Test Mode :BE CH HIGH RU FULL

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5350.000	Average	48.62	2.21	50.83	54.00	-3.17
5350.000	Peak	58.11	2.21	60.32	74.00	-13.68
5350.560	Average	48.48	2.21	50.69	54.00	-3.31
5350.560	Peak	59.75	2.21	61.96	74.00	-12.04

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-22

Test Frequency :5320 MHz

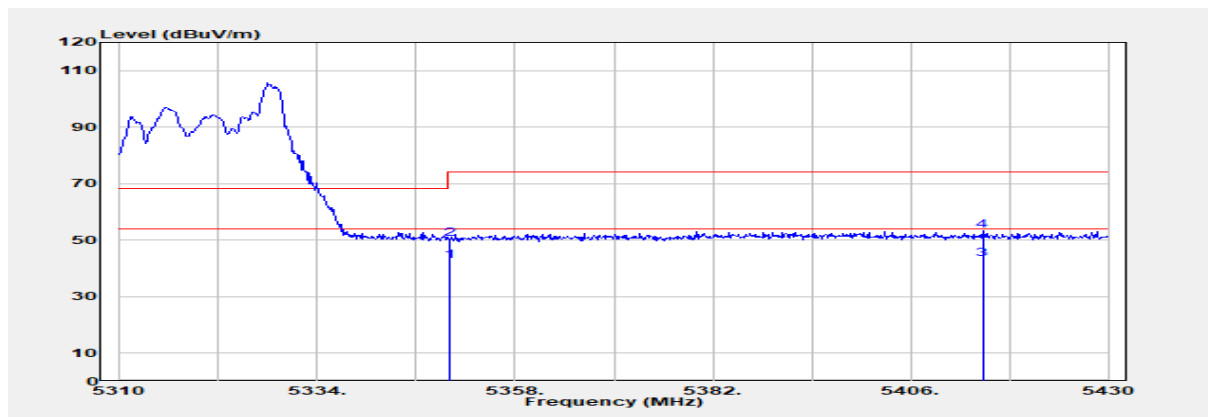
Temp./Humi. :22.1/62

Test Mode :BE CH HIGH RU 26/8

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	40.33	2.21	42.54	54.00	-11.46
5350.000	Peak	48.24	2.21	50.45	74.00	-23.55
5414.760	Average	40.86	2.50	43.36	54.00	-10.64
5414.760	Peak	50.78	2.50	53.28	74.00	-20.72

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-22

Test Frequency :5320 MHz

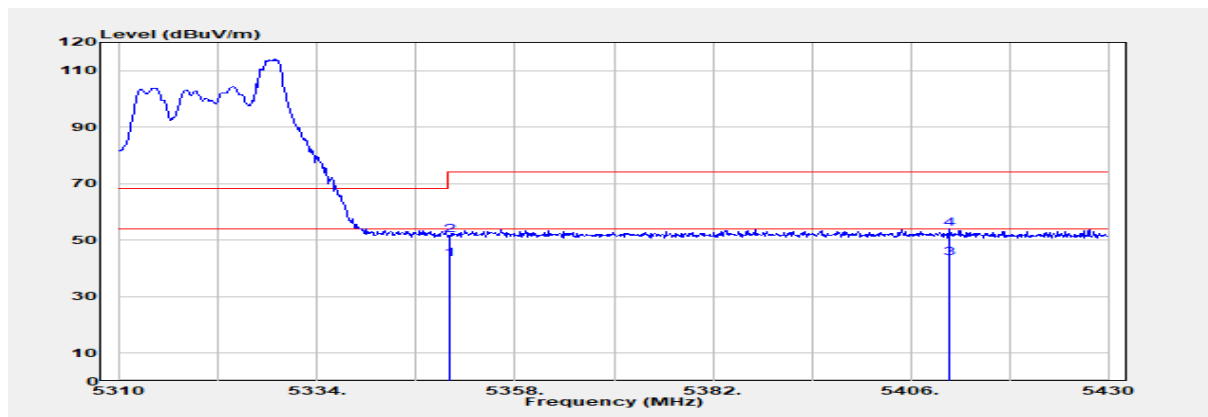
Temp./Humi. :22.1/62

Test Mode :BE CH HIGH RU 26/8

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	41.18	2.21	43.39	54.00	-10.61
5350.000	Peak	49.61	2.21	51.82	74.00	-22.18
5410.680	Average	40.98	2.58	43.55	54.00	-10.45
5410.680	Peak	51.45	2.58	54.02	74.00	-19.98

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-23

Test Frequency :5320 MHz

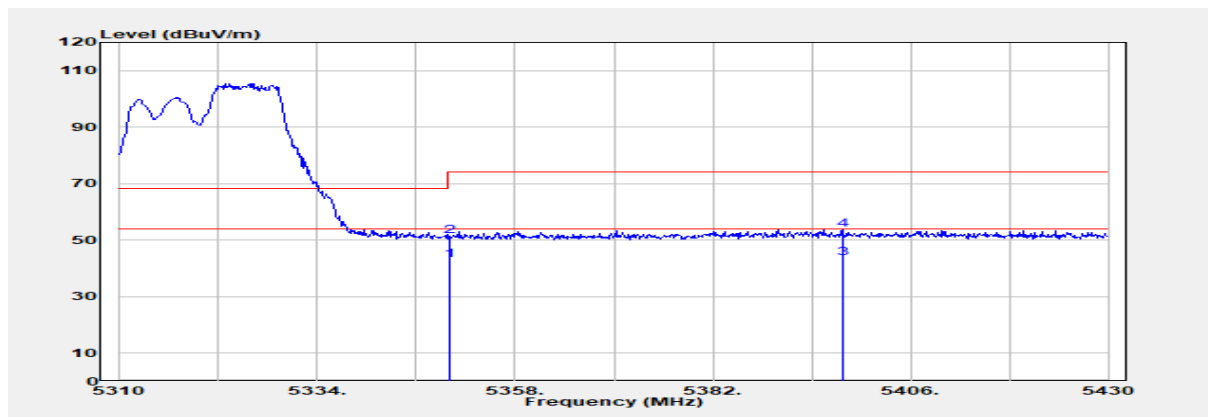
Temp./Humi. :22.1/68

Test Mode :BE CH HIGH RU 106/54

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	40.70	2.21	42.91	54.00	-11.09
5350.000	Peak	49.03	2.21	51.24	74.00	-22.76
5397.720	Average	40.89	2.56	43.45	54.00	-10.55
5397.720	Peak	51.21	2.56	53.77	74.00	-20.23

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-23

Test Frequency :5320 MHz

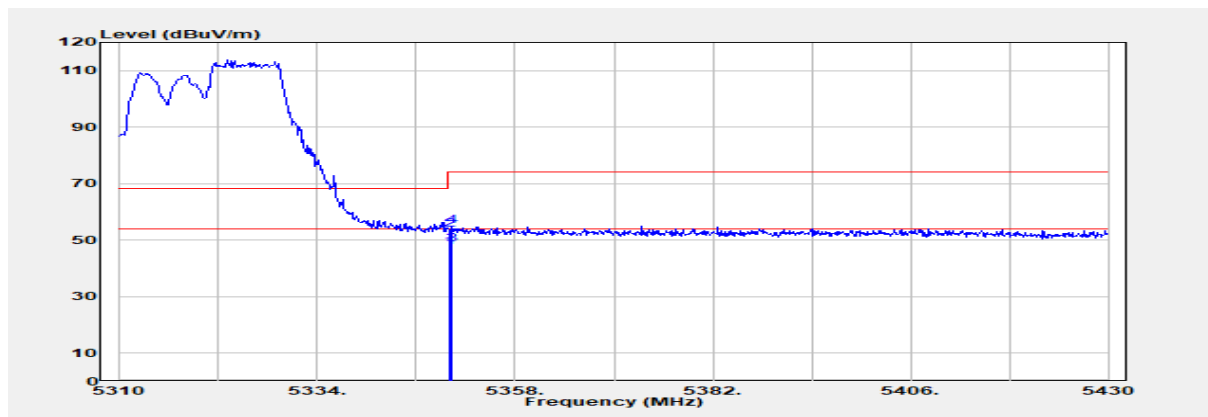
Temp./Humi. :22.1/68

Test Mode :BE CH HIGH RU 106/54

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	45.20	2.21	47.41	54.00	-6.59
5350.000	Peak	51.29	2.21	53.50	74.00	-20.50
5350.320	Average	46.39	2.21	48.60	54.00	-5.40
5350.320	Peak	52.72	2.21	54.93	74.00	-19.07

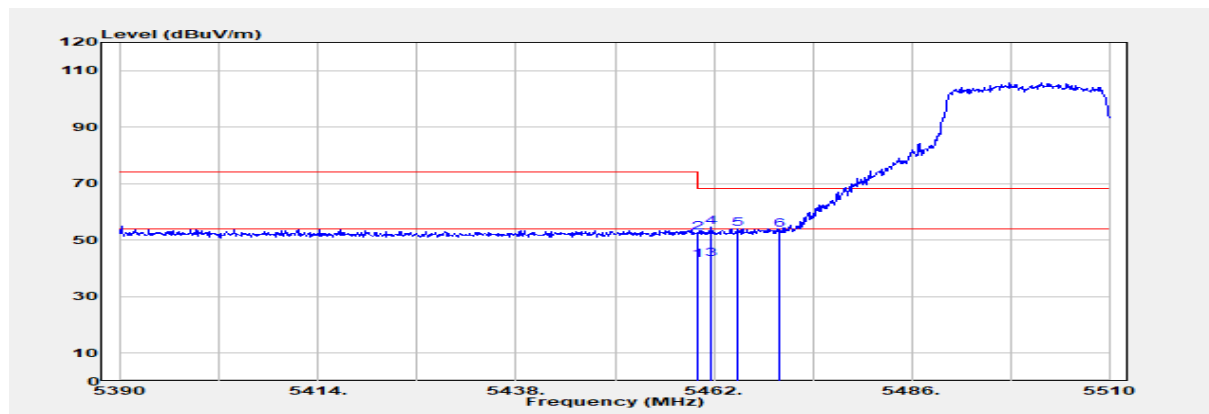
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Report Number :E2/2021/C0067
 Operation Mode :802.11ax20
 Test Frequency :5500 MHz
 Test Mode :BE CH LOW RU FULL
 EUT Pol :NB Plane

Test Site :SAC G
 Test Date :2021-12-23
 Temp./Humi. :22.1/68
 Antenna Pol. :Vertical
 Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5460.000	Average	40.38	2.64	43.02	54.00	-10.98
5460.000	Peak	49.95	2.64	52.59	74.00	-21.41
5461.760	Average	40.61	2.66	43.27	54.00	-10.73
5461.760	Peak	52.06	2.66	54.73	68.20	-13.47
5464.880	Peak	51.31	2.70	54.02	68.20	-14.18
5470.000	Peak	51.03	2.77	53.80	68.20	-14.40

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-23

Test Frequency :5500 MHz

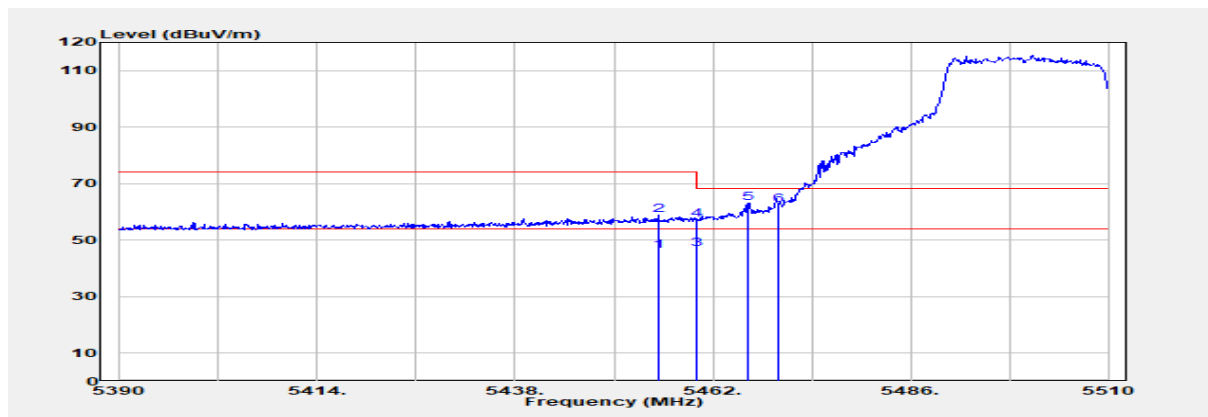
Temp./Humi. :22.1/68

Test Mode :BE CH LOW RU FULL

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5455.400	Average	43.62	2.62	46.24	54.00	-7.76
5455.400	Peak	56.15	2.62	58.77	74.00	-15.23
5460.000	Average	44.11	2.64	46.75	54.00	-7.25
5460.000	Peak	54.68	2.64	57.32	74.00	-16.68
5466.320	Peak	60.52	2.72	63.24	68.20	-4.96
5470.000	Peak	59.67	2.77	62.44	68.20	-5.76

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-23

Test Frequency :5500 MHz

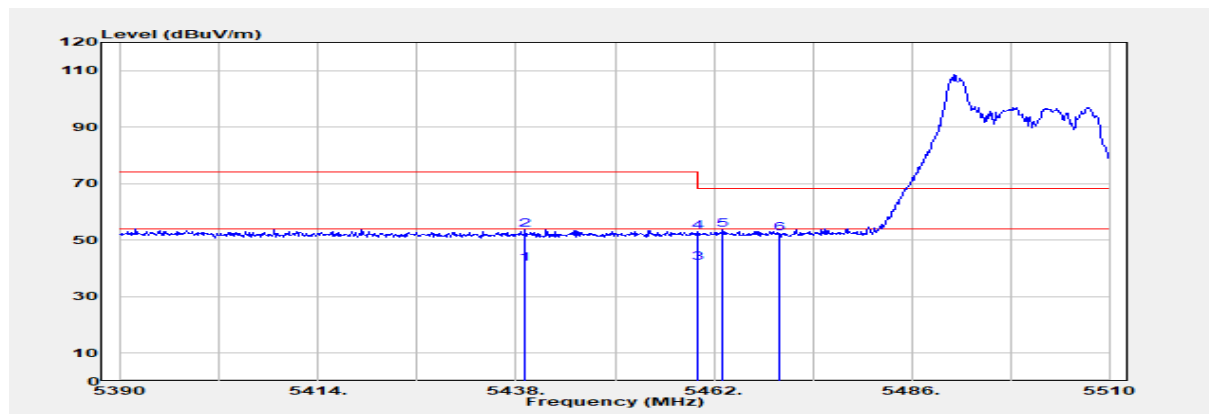
Temp./Humi. :22.1/68

Test Mode :BE CH LOW RU 26/0

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5439.080	Average	39.22	2.32	41.54	54.00	-12.46
5439.080	Peak	51.47	2.32	53.78	74.00	-20.22
5460.000	Average	39.24	2.64	41.88	54.00	-12.12
5460.000	Peak	50.24	2.64	52.88	74.00	-21.12
5463.080	Peak	50.85	2.68	53.53	68.20	-14.67
5470.000	Peak	49.48	2.77	52.25	68.20	-15.95

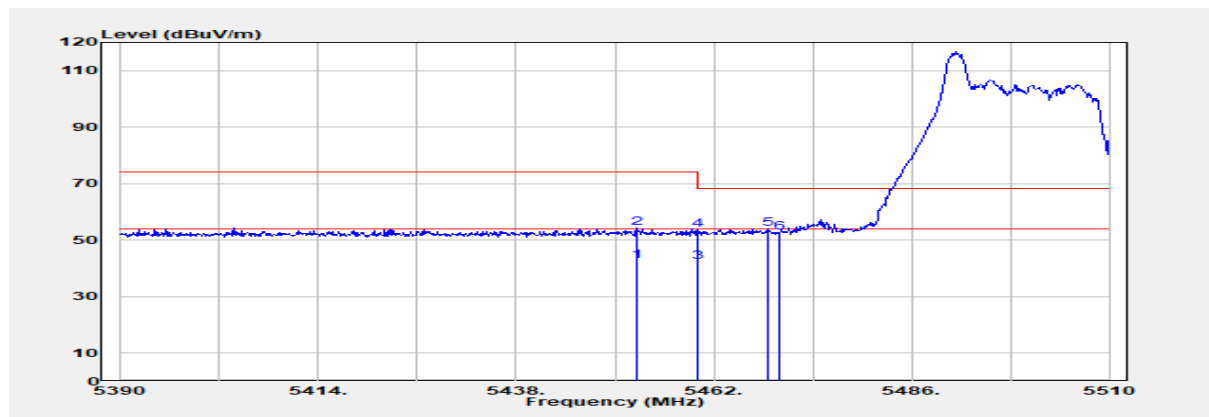
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Report Number :E2/2021/C0067
 Operation Mode :802.11ax20
 Test Frequency :5500 MHz
 Test Mode :BE CH LOW RU 26/0
 EUT Pol :NB Plane

Test Site :SAC G
 Test Date :2021-12-23
 Temp./Humi. :22.1/68
 Antenna Pol. :Horizontal
 Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5452.640	Average	39.89	2.61	42.50	54.00	-11.50
5452.640	Peak	51.75	2.61	54.36	74.00	-19.64
5460.000	Average	39.69	2.64	42.33	54.00	-11.67
5460.000	Peak	51.08	2.64	53.72	74.00	-20.28
5468.480	Peak	51.35	2.75	54.10	68.20	-14.10
5470.000	Peak	49.77	2.77	52.54	68.20	-15.66

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-23

Test Frequency :5500 MHz

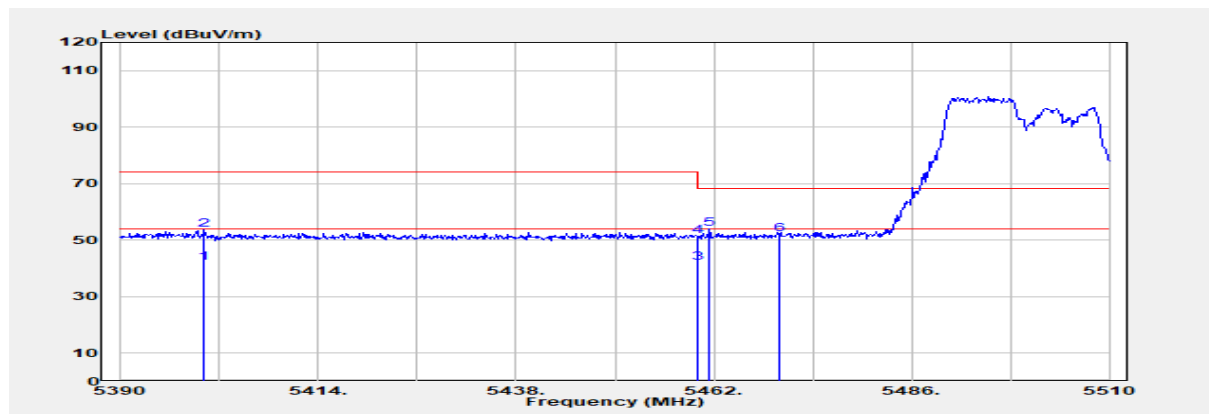
Temp./Humi. :22.1/68

Test Mode :BE CH LOW RU 106/53

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5400.080	Average	39.37	2.54	41.91	54.00	-12.09
5400.080	Peak	50.98	2.54	53.52	74.00	-20.48
5460.000	Average	39.16	2.64	41.80	54.00	-12.20
5460.000	Peak	48.65	2.64	51.29	74.00	-22.71
5461.520	Peak	51.37	2.66	54.03	68.20	-14.17
5470.000	Peak	49.36	2.77	52.13	68.20	-16.07

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Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-23

Test Frequency :5500 MHz

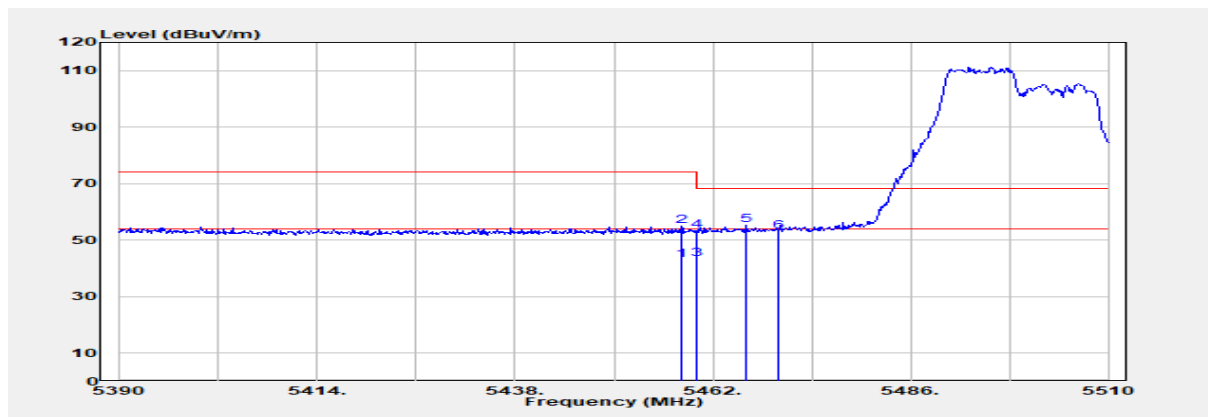
Temp./Humi. :22.1/68

Test Mode :BE CH LOW RU 106/53

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5458.280	Average	40.13	2.63	42.77	54.00	-11.23
5458.280	Peak	52.36	2.63	54.99	74.00	-19.01
5460.000	Average	40.45	2.64	43.09	54.00	-10.91
5460.000	Peak	50.67	2.64	53.31	74.00	-20.69
5466.080	Peak	52.54	2.72	55.26	68.20	-12.94
5470.000	Peak	50.23	2.77	53.00	68.20	-15.20

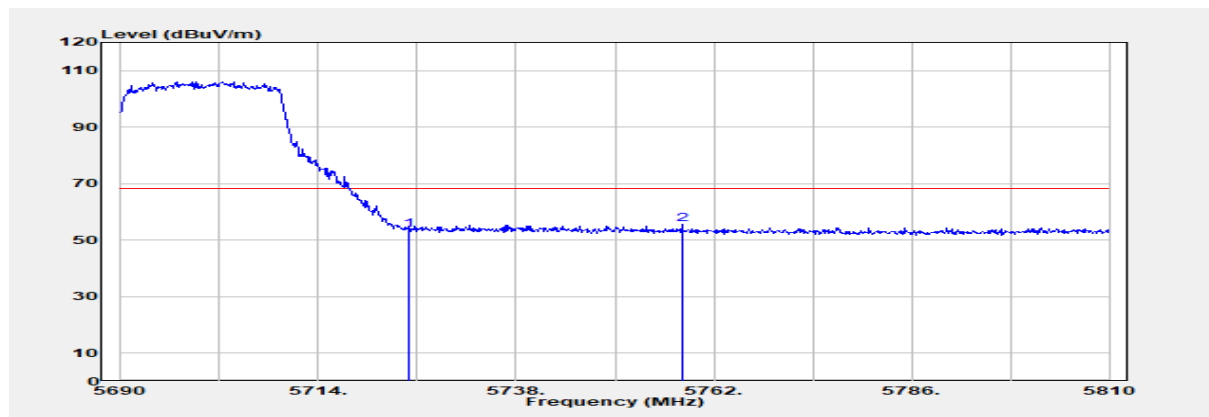
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Report Number :E2/2021/C0067
 Operation Mode :802.11ax20
 Test Frequency :5700 MHz
 Test Mode :BE CH HIGH RU FULL
 EUT Pol :NB Plane

Test Site :SAC G
 Test Date :2021-12-23
 Temp./Humi. :22.1/68
 Antenna Pol. :Vertical
 Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5725.000	Peak	49.51	4.21	53.72	68.20	-14.48
5758.160	Peak	51.35	4.18	55.54	68.20	-12.66

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-23

Test Frequency :5700 MHz

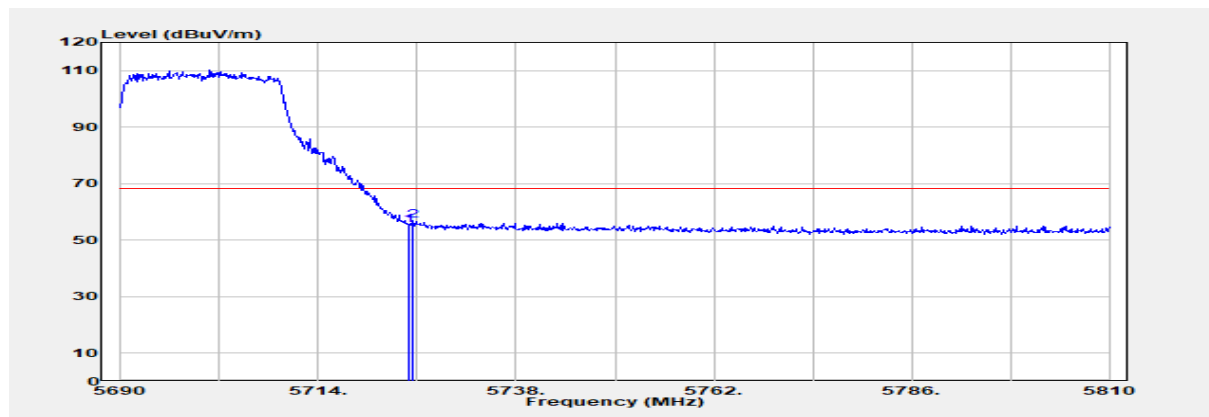
Temp./Humi. :22.1/68

Test Mode :BE CH HIGH RU FULL

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	51.08	4.21	55.29	68.20	-12.91
5725.400	Peak	52.81	4.21	57.02	68.20	-11.18

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-23

Test Frequency :5700 MHz

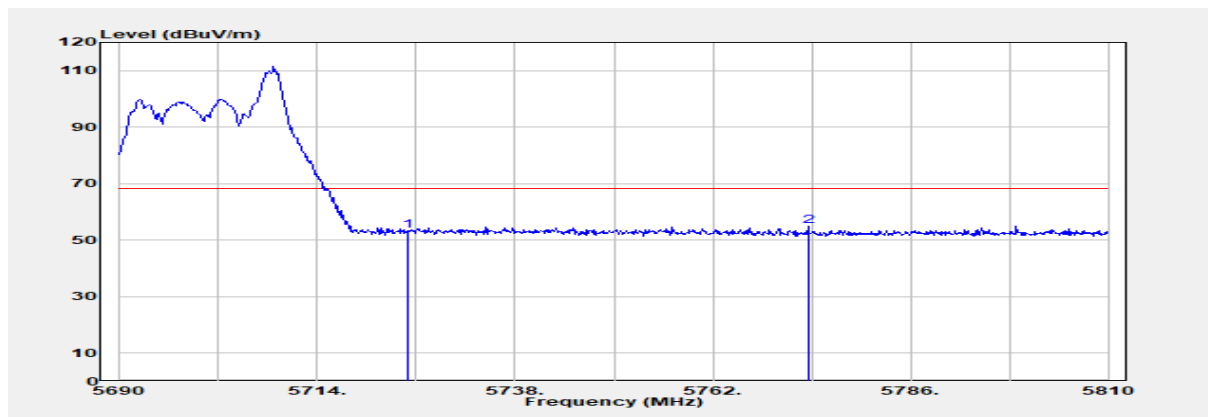
Temp./Humi. :22.1/68

Test Mode :BE CH HIGH RU 26/8

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5725.000	Peak	49.23	4.21	53.44	68.20	-14.76
5773.640	Peak	51.03	3.87	54.89	68.20	-13.31

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-23

Test Frequency :5700 MHz

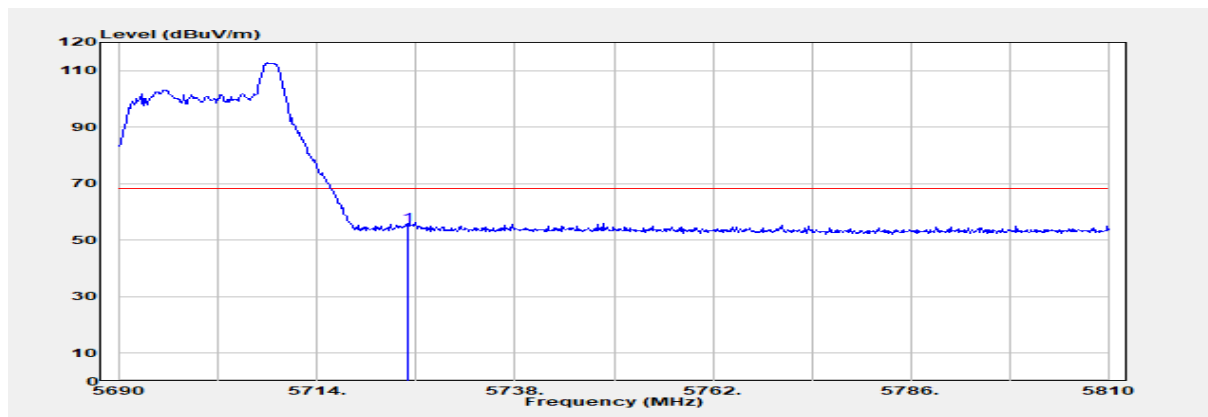
Temp./Humi. :22.1/68

Test Mode :BE CH HIGH RU 26/8

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	51.33	4.21	55.54	68.20	-12.66

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-23

Test Frequency :5700 MHz

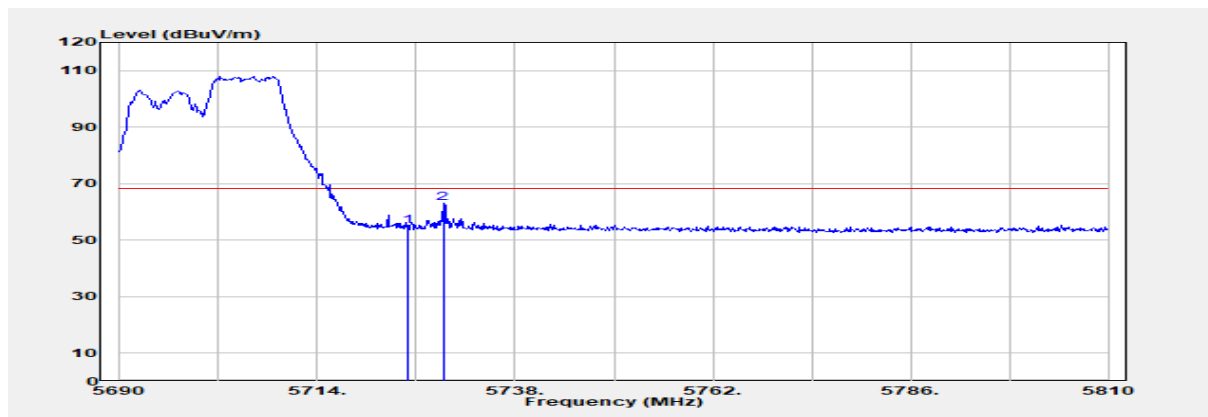
Temp./Humi. :22.1/68

Test Mode :BE CH HIGH RU 106/54

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	50.75	4.21	54.96	68.20	-13.24
5729.240	Peak	59.01	4.24	63.25	68.20	-4.95

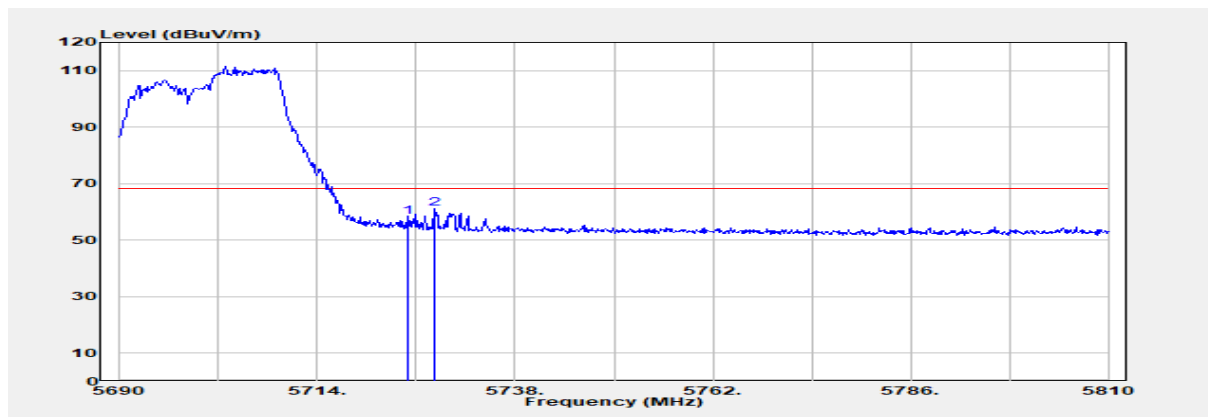
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Report Number :E2/2021/C0067
 Operation Mode :802.11ax20
 Test Frequency :5700 MHz
 Test Mode :BE CH HIGH RU 106/54
 EUT Pol :NB Plane

Test Site :SAC G
 Test Date :2021-12-23
 Temp./Humi. :22.1/68
 Antenna Pol. :Horizontal
 Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5725.000	Peak	53.84	4.21	58.05	68.20	-10.15
5728.160	Peak	57.05	4.24	61.29	68.20	-6.91

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-23

Test Frequency :5720 MHz

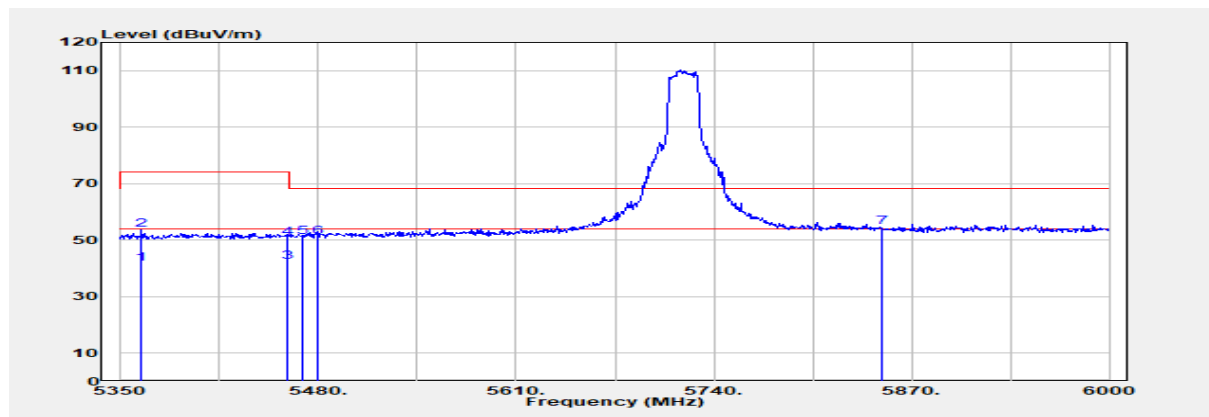
Temp./Humi. :22.1/68

Test Mode :BE CH MID RU FULL

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5363.650	Average	39.22	2.25	41.48	54.00	-12.52
5363.650	Peak	51.55	2.25	53.80	74.00	-20.20
5460.000	Average	39.73	2.64	42.37	54.00	-11.63
5460.000	Peak	47.97	2.64	50.61	74.00	-23.39
5470.000	Peak	48.40	2.77	51.17	68.20	-17.03
5480.000	Peak	48.22	2.76	50.98	68.20	-17.22
5850.000	Peak	50.29	4.31	54.60	68.20	-13.60

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-23

Test Frequency :5720 MHz

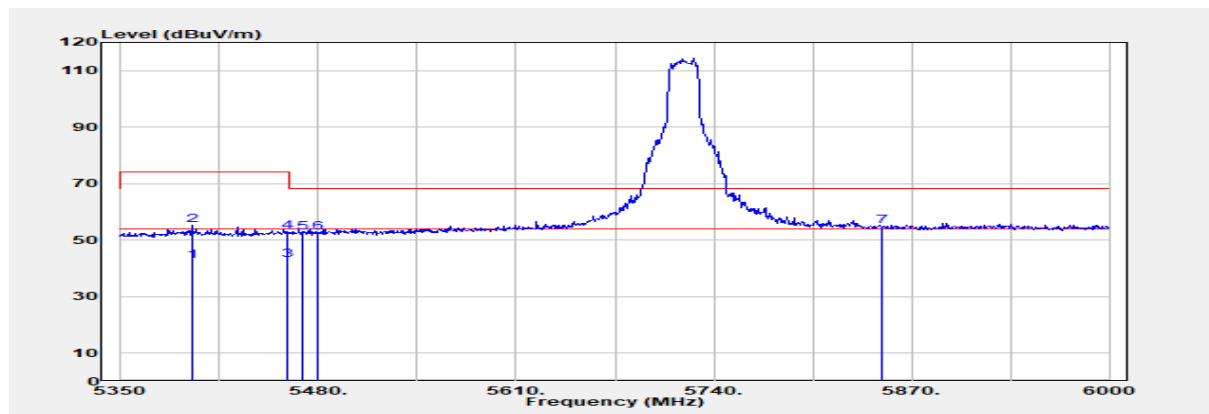
Temp./Humi. :22.1/68

Test Mode :BE CH MID RU FULL

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5396.800	Average	39.88	2.57	42.44	54.00	-11.56
5396.800	Peak	52.78	2.57	55.35	74.00	-18.65
5460.000	Average	40.13	2.64	42.77	54.00	-11.23
5460.000	Peak	50.40	2.64	53.04	74.00	-20.96
5470.000	Peak	50.06	2.77	52.83	68.20	-15.37
5480.000	Peak	49.82	2.76	52.58	68.20	-15.62
5850.000	Peak	50.53	4.31	54.84	68.20	-13.36

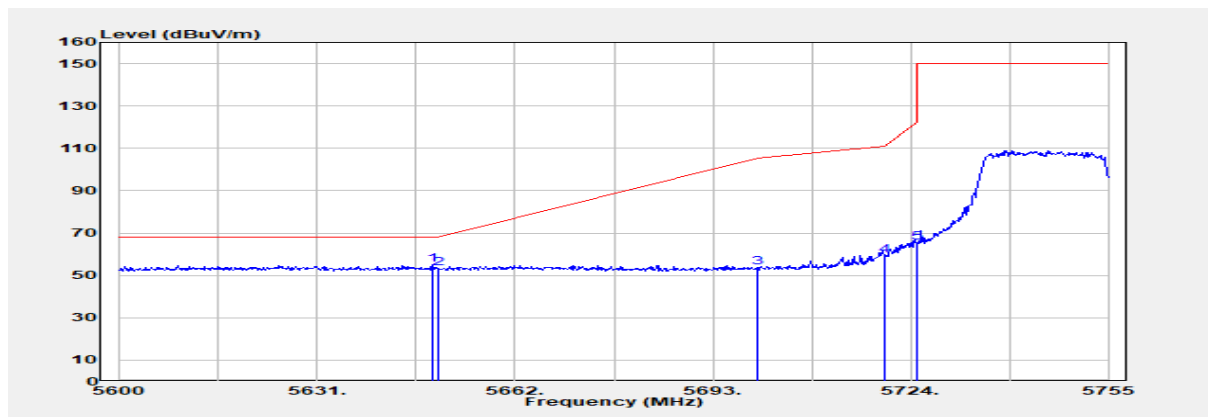
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Report Number :E2/2021/C0067
 Operation Mode :802.11ax20
 Test Frequency :5745 MHz
 Test Mode :BE CH LOW RU FULL
 EUT Pol :NB Plane

Test Site :SAC G
 Test Date :2021-12-23
 Temp./Humi. :22.1/68
 Antenna Pol. :Vertical
 Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5648.980	Peak	51.35	3.58	54.93	68.20	-13.27
5650.000	Peak	49.62	3.60	53.22	68.20	-14.98
5700.000	Peak	50.59	3.31	53.90	105.20	-51.30
5720.000	Peak	55.25	4.17	59.42	110.80	-51.38
5725.000	Peak	61.27	4.21	65.48	122.20	-56.72

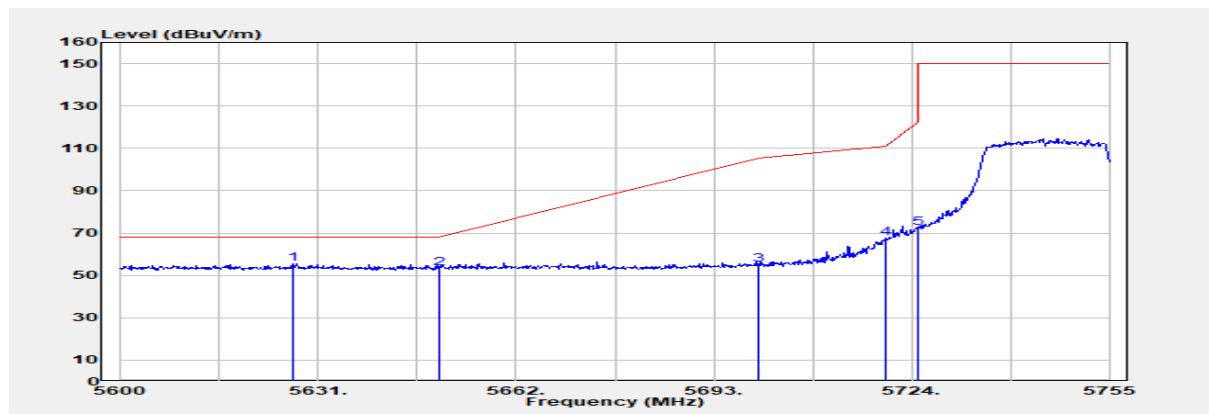
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Report Number :E2/2021/C0067
 Operation Mode :802.11ax20
 Test Frequency :5745 MHz
 Test Mode :BE CH LOW RU FULL
 EUT Pol :NB Plane

Test Site :SAC G
 Test Date :2021-12-23
 Temp./Humi. :22.1/68
 Antenna Pol. :Horizontal
 Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5627.125	Peak	52.11	3.48	55.59	68.20	-12.61
5650.000	Peak	49.55	3.60	53.15	68.20	-15.05
5700.000	Peak	51.65	3.31	54.96	105.20	-50.24
5720.000	Peak	63.43	4.17	67.60	110.80	-43.20
5725.000	Peak	68.33	4.21	72.54	122.20	-49.66

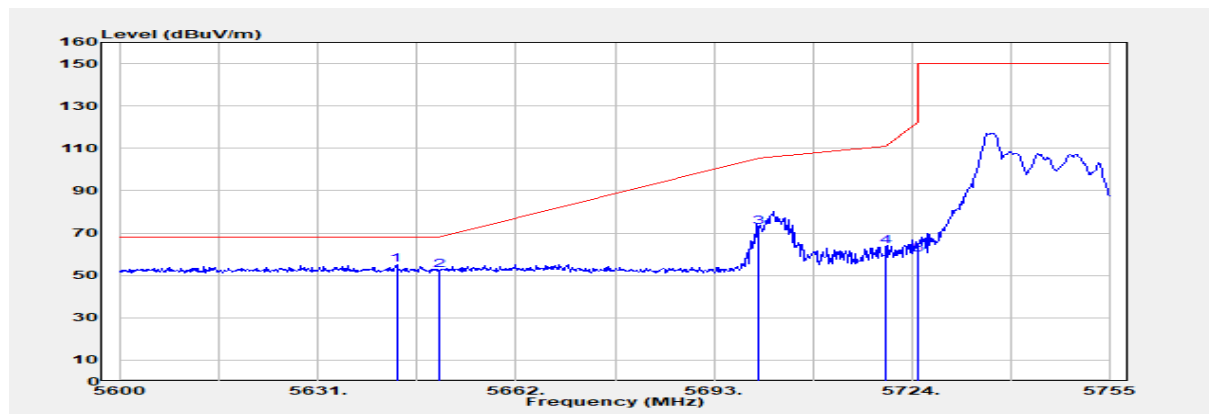
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Report Number :E2/2021/C0067
 Operation Mode :802.11ax20
 Test Frequency :5745 MHz
 Test Mode :BE CH LOW RU 26/0
 EUT Pol :NB Plane

Test Site :SAC G
 Test Date :2021-12-23
 Temp./Humi. :22.1/68
 Antenna Pol. :Vertical
 Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5643.245	Peak	51.43	3.47	54.91	68.20	-13.29
5650.000	Peak	48.87	3.60	52.47	68.20	-15.73
5700.000	Peak	69.61	3.31	72.92	105.20	-32.28
5720.000	Peak	59.71	4.17	63.88	110.80	-46.92
5725.000	Peak	55.79	4.21	60.00	122.20	-62.20

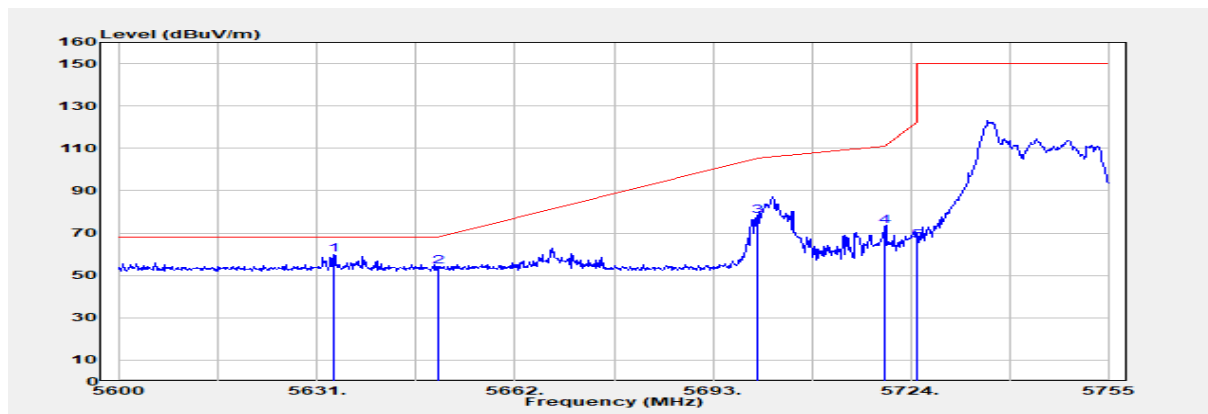
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Report Number :E2/2021/C0067
 Operation Mode :802.11ax20
 Test Frequency :5745 MHz
 Test Mode :BE CH LOW RU 26/0
 EUT Pol :NB Plane

Test Site :SAC G
 Test Date :2021-12-23
 Temp./Humi. :22.1/68
 Antenna Pol. :Horizontal
 Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5633.635	Peak	56.42	3.46	59.89	68.20	-8.31
5650.000	Peak	50.49	3.60	54.09	68.20	-14.11
5700.000	Peak	74.53	3.31	77.84	105.20	-27.36
5720.000	Peak	69.25	4.17	73.42	110.80	-37.38
5725.000	Peak	61.99	4.21	66.20	122.20	-56.00

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-23

Test Frequency :5745 MHz

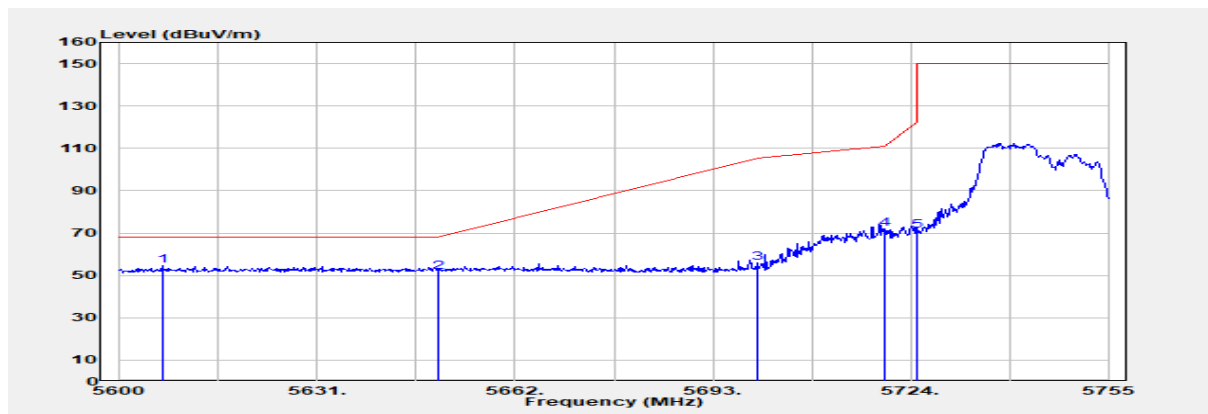
Temp./Humi. :22.1/68

Test Mode :BE CH LOW RU 106/53

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5606.665	Peak	51.21	3.30	54.51	68.20	-13.69
5650.000	Peak	48.20	3.60	51.80	68.20	-16.40
5700.000	Peak	52.46	3.31	55.77	105.20	-49.43
5720.000	Peak	67.77	4.17	71.94	110.80	-38.86
5725.000	Peak	66.89	4.21	71.10	122.20	-51.10

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-23

Test Frequency :5745 MHz

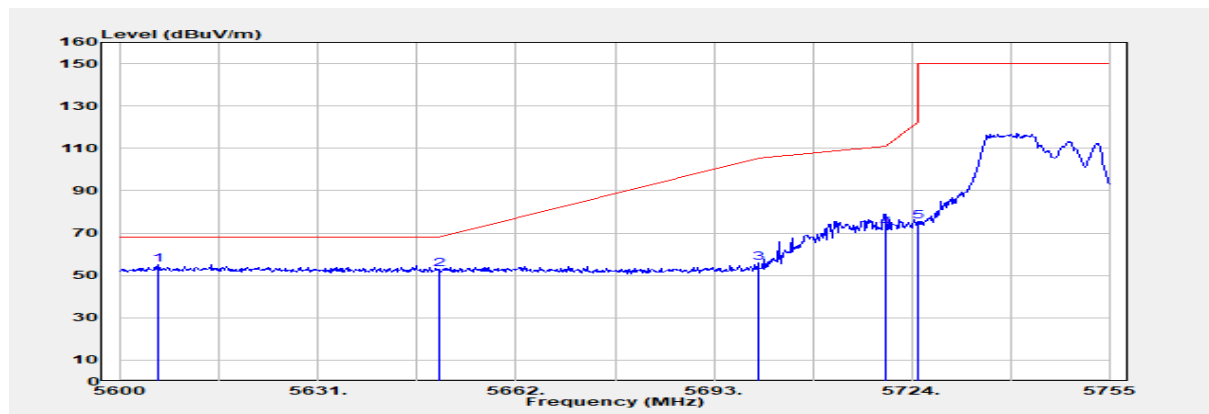
Temp./Humi. :22.1/68

Test Mode :BE CH LOW RU 106/53

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5605.890	Peak	51.83	3.28	55.12	68.20	-13.08
5650.000	Peak	49.21	3.60	52.81	68.20	-15.39
5700.000	Peak	52.61	3.31	55.92	105.20	-49.28
5720.000	Peak	68.14	4.17	72.31	110.80	-38.49
5725.000	Peak	71.21	4.21	75.42	122.20	-46.78

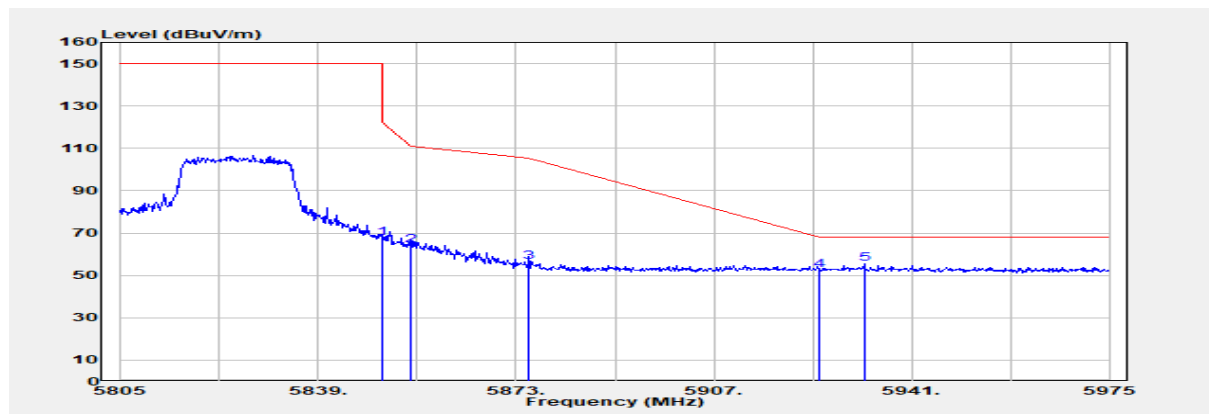
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Report Number :E2/2021/C0067
 Operation Mode :802.11ax20
 Test Frequency :5825 MHz
 Test Mode :BE CH HIGH RU FULL
 EUT Pol :NB Plane

Test Site :SAC G
 Test Date :2021-12-23
 Temp./Humi. :22.1/68
 Antenna Pol. :Vertical
 Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5850.000	Peak	63.13	4.31	67.44	122.20	-54.76
5855.000	Peak	59.99	4.21	64.20	110.80	-46.60
5875.000	Peak	52.37	3.90	56.26	105.20	-48.94
5925.000	Peak	48.15	4.36	52.51	68.20	-15.69
5932.840	Peak	51.20	4.28	55.48	68.20	-12.72

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-23

Test Frequency :5825 MHz

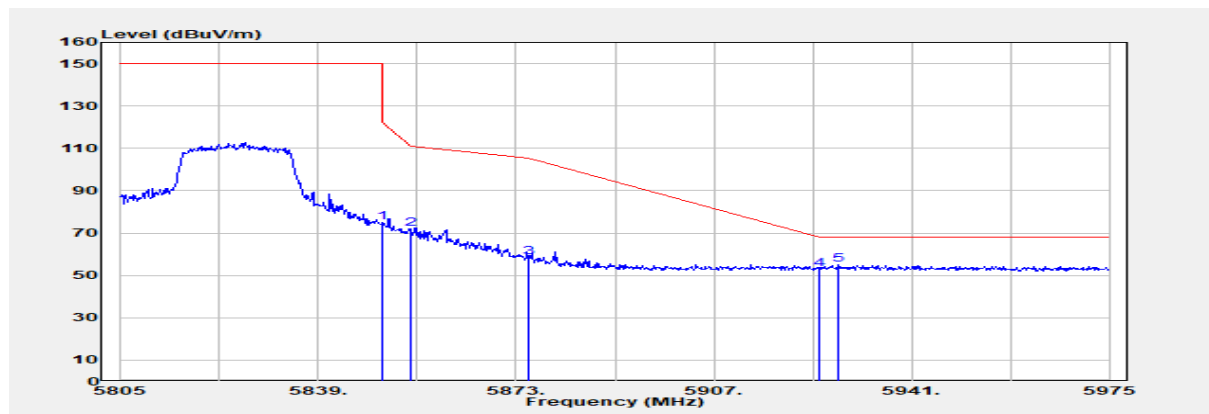
Temp./Humi. :22.1/68

Test Mode :BE CH HIGH RU FULL

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	70.75	4.31	75.06	122.20	-47.14
5855.000	Peak	67.85	4.21	72.06	110.80	-38.74
5875.000	Peak	54.48	3.90	58.38	105.20	-46.82
5925.000	Peak	48.73	4.36	53.08	68.20	-15.12
5928.420	Peak	50.62	4.34	54.97	68.20	-13.23

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-23

Test Frequency :5825 MHz

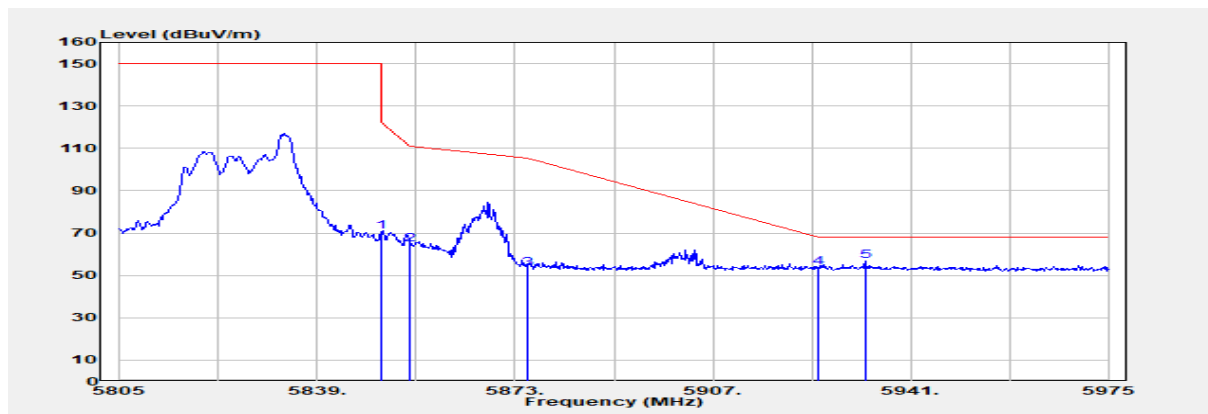
Temp./Humi. :22.1/68

Test Mode :BE CH HIGH RU 26/8

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	66.55	4.31	70.86	122.20	-51.34
5855.000	Peak	60.59	4.21	64.80	110.80	-46.00
5875.000	Peak	49.63	3.90	53.53	105.20	-51.67
5925.000	Peak	49.36	4.36	53.71	68.20	-14.49
5933.180	Peak	52.71	4.27	56.99	68.20	-11.21

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-23

Test Frequency :5825 MHz

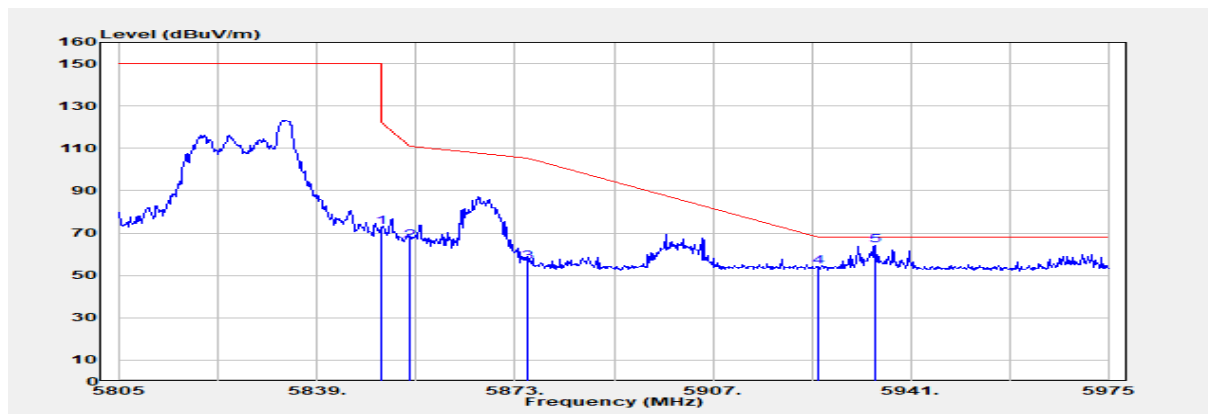
Temp./Humi. :22.1/68

Test Mode :BE CH HIGH RU 26/8

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Jason Yeh



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	68.68	4.31	72.99	122.20	-49.21
5855.000	Peak	62.30	4.21	66.51	110.80	-44.29
5875.000	Peak	52.40	3.90	56.30	105.20	-48.90
5925.000	Peak	49.98	4.36	54.34	68.20	-13.86
5935.050	Peak	59.73	4.23	63.97	68.20	-4.23

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-23

Test Frequency :5825 MHz

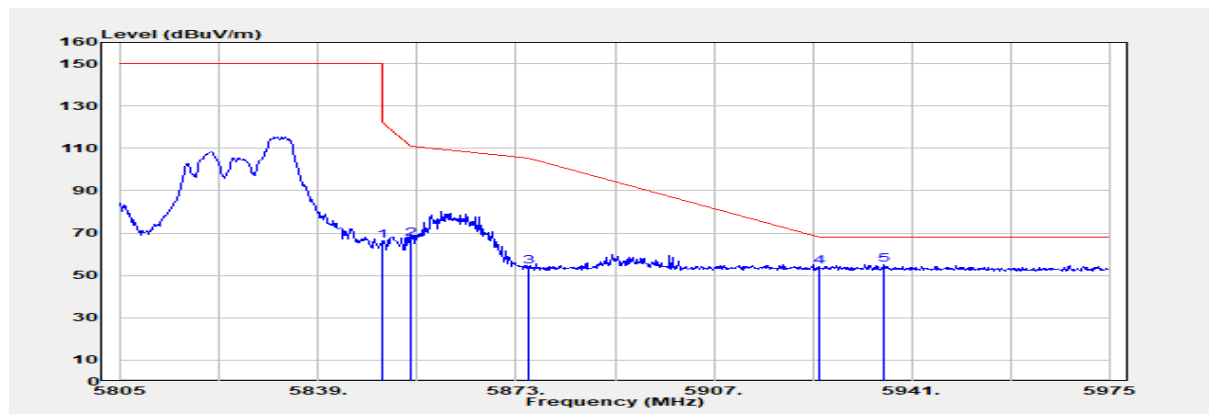
Temp./Humi. :22.1/68

Test Mode :BE CH HIGH RU 52/40

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5850.000	Peak	61.90	4.31	66.21	122.20	-55.99
5855.000	Peak	63.09	4.21	67.30	110.80	-43.50
5875.000	Peak	50.36	3.90	54.26	105.20	-50.94
5925.000	Peak	49.78	4.36	54.13	68.20	-14.07
5936.240	Peak	50.84	4.21	55.05	68.20	-13.15

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-23

Test Frequency :5825 MHz

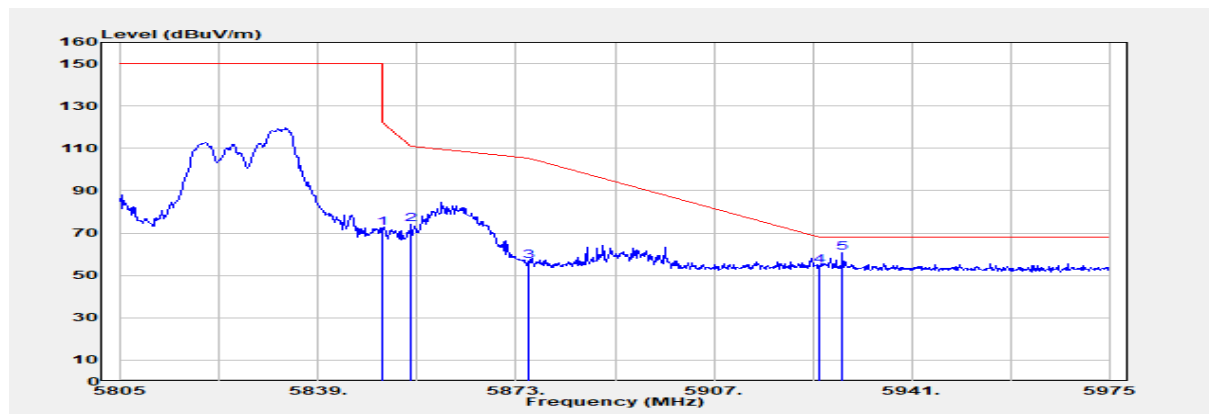
Temp./Humi. :22.1/68

Test Mode :BE CH HIGH RU 52/40

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5850.000	Peak	68.13	4.31	72.44	122.20	-49.76
5855.000	Peak	69.77	4.21	73.98	110.80	-36.82
5875.000	Peak	53.00	3.90	56.90	105.20	-48.30
5925.000	Peak	50.32	4.36	54.67	68.20	-13.53
5929.100	Peak	56.25	4.34	60.59	68.20	-7.61

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-23

Test Frequency :5825 MHz

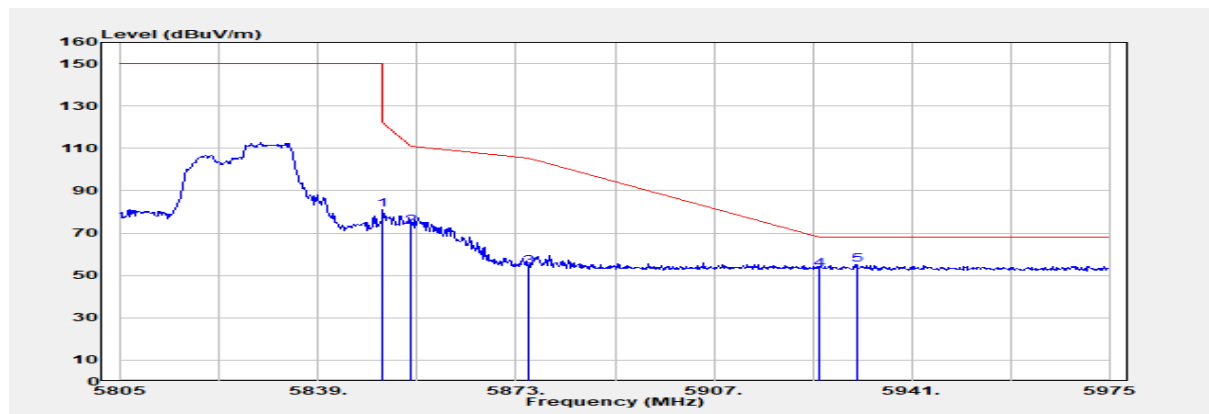
Temp./Humi. :22.1/68

Test Mode :BE CH HIGH RU 106/54

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	76.98	4.31	81.29	122.20	-40.91
5855.000	Peak	69.26	4.21	73.47	110.80	-37.33
5875.000	Peak	50.22	3.90	54.12	105.20	-51.08
5925.000	Peak	48.54	4.36	52.90	68.20	-15.30
5931.650	Peak	50.90	4.31	55.20	68.20	-13.00

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax20

Test Date :2021-12-23

Test Frequency :5825 MHz

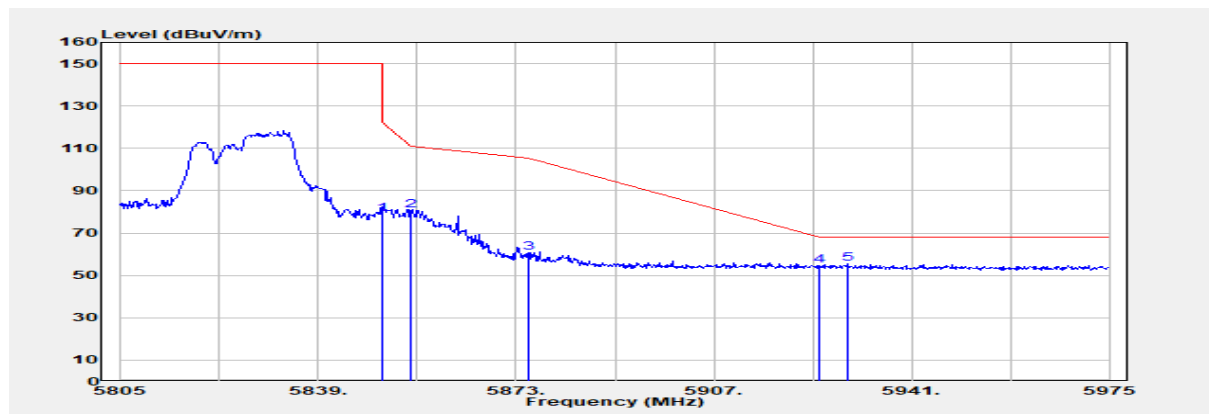
Temp./Humi. :22.1/68

Test Mode :BE CH HIGH RU 106/54

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	74.70	4.31	79.01	122.20	-43.19
5855.000	Peak	76.42	4.21	80.63	110.80	-30.17
5875.000	Peak	56.74	3.90	60.64	105.20	-44.56
5925.000	Peak	50.25	4.36	54.60	68.20	-13.60
5929.950	Peak	50.97	4.34	55.31	68.20	-12.89

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2021-12-23

Test Frequency :5190 MHz

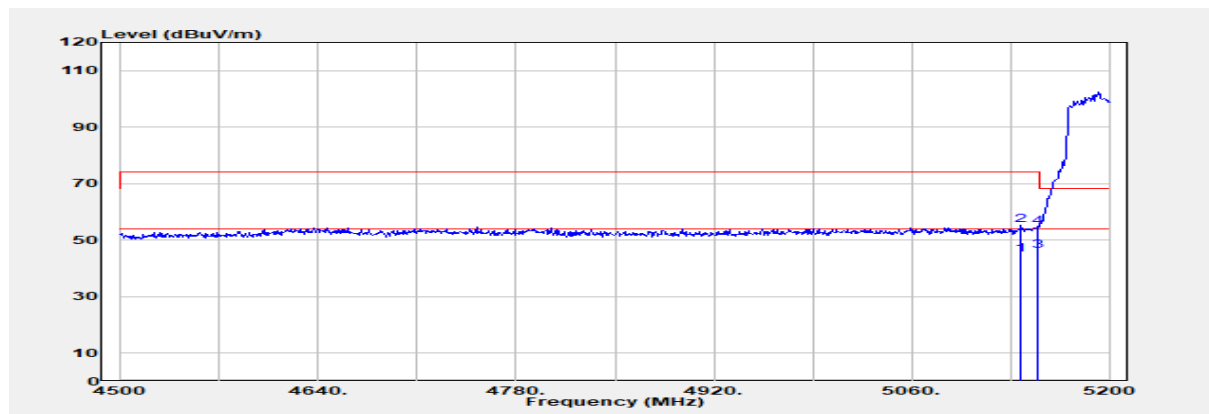
Temp./Humi. :22.1/68

Test Mode :BE CH LOW RU FULL

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5137.700	Average	42.10	2.77	44.86	54.00	-9.14
5137.700	Peak	52.67	2.77	55.43	74.00	-18.57
5150.000	Average	43.31	3.03	46.34	54.00	-7.67
5150.000	Peak	51.63	3.03	54.66	74.00	-19.34

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2021-12-23

Test Frequency :5190 MHz

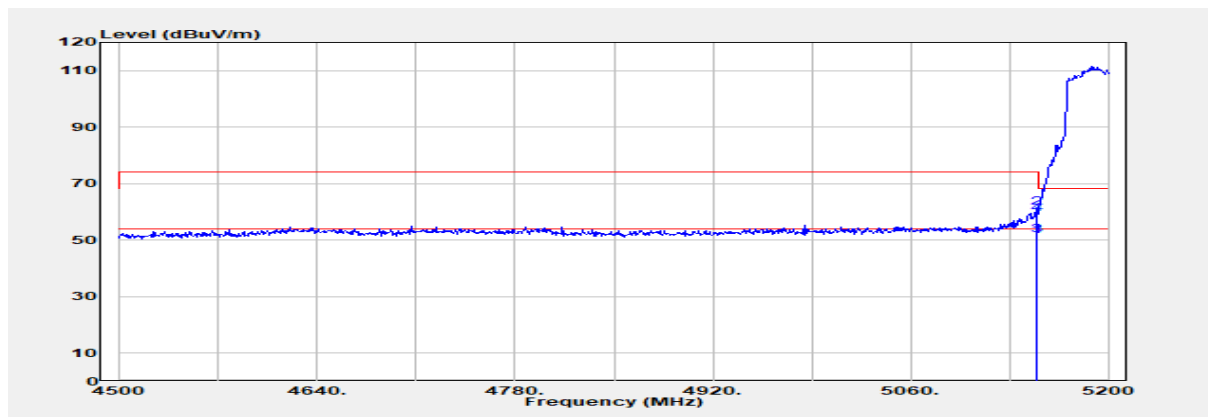
Temp./Humi. :22.1/68

Test Mode :BE CH LOW RU FULL

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5148.900	Average	48.49	3.00	51.49	54.00	-2.51
5148.900	Peak	58.57	3.00	61.57	74.00	-12.43
5150.000	Average	48.53	3.03	51.56	54.00	-2.44
5150.000	Peak	56.10	3.03	59.13	74.00	-14.87

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2021-12-23

Test Frequency :5310 MHz

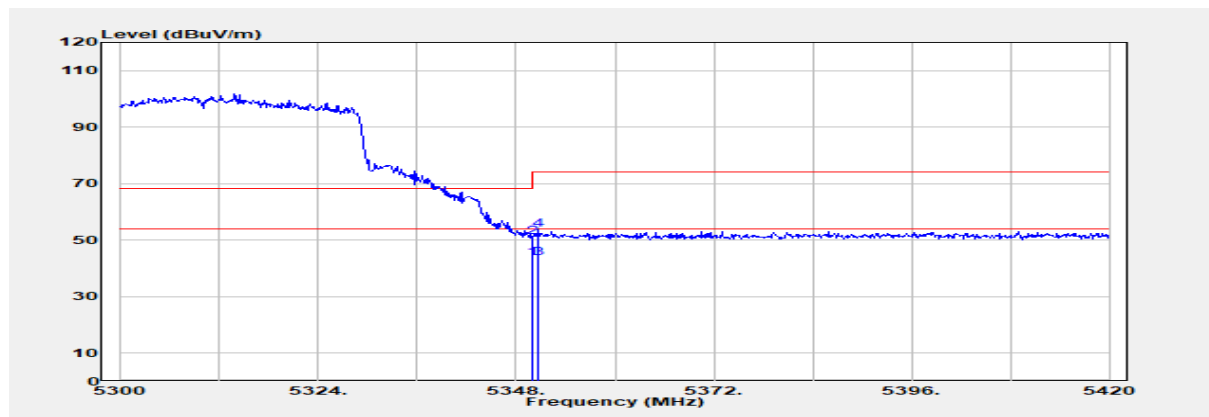
Temp./Humi. :22.1/68

Test Mode :BE CH HIGH RU FULL

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	41.36	2.21	43.57	54.00	-10.43
5350.000	Peak	48.79	2.21	51.00	74.00	-23.00
5350.760	Average	41.22	2.21	43.43	54.00	-10.57
5350.760	Peak	51.32	2.21	53.54	74.00	-20.46

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2021-12-23

Test Frequency :5310 MHz

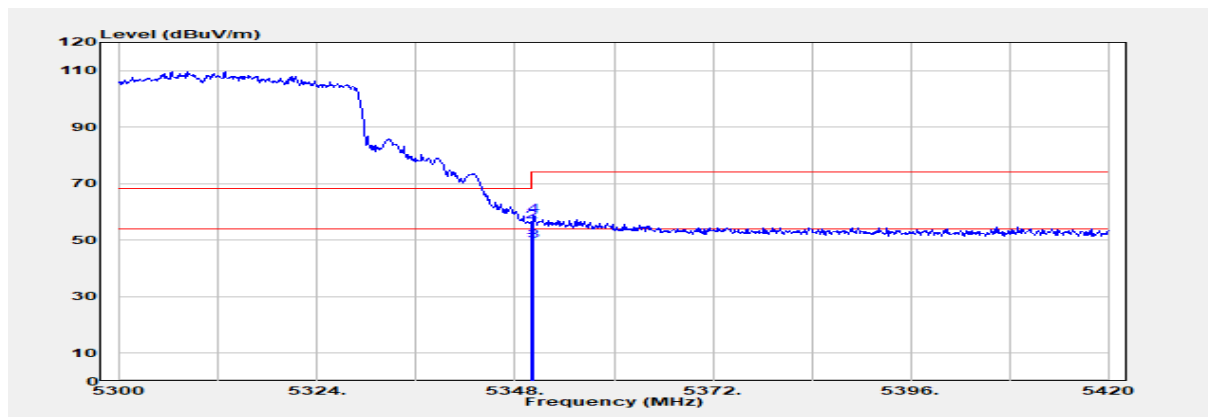
Temp./Humi. :22.1/68

Test Mode :BE CH HIGH RU FULL

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	46.85	2.21	49.06	54.00	-4.94
5350.000	Peak	54.49	2.21	56.70	74.00	-17.30
5350.280	Average	47.41	2.21	49.62	54.00	-4.38
5350.280	Peak	56.56	2.21	58.77	74.00	-15.23

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2021-12-23

Test Frequency :5510 MHz

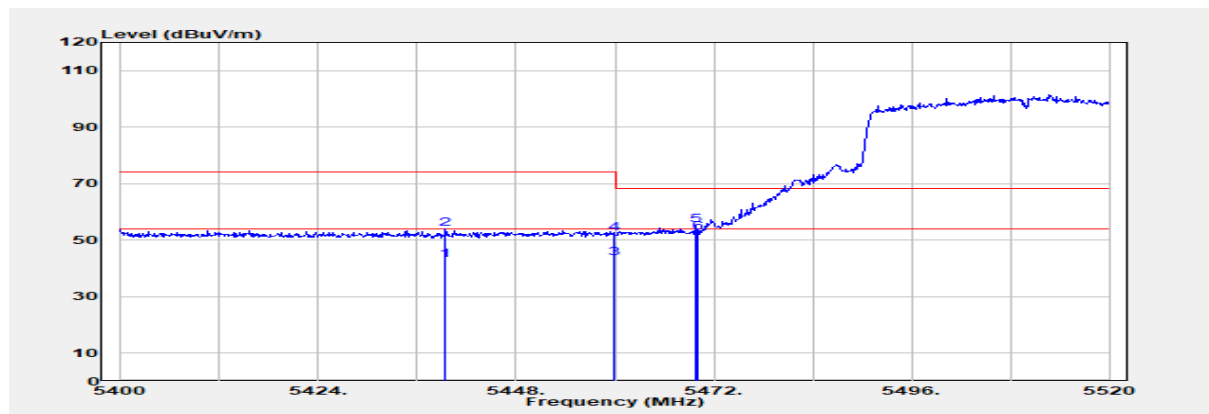
Temp./Humi. :22.1/68

Test Mode :BE CH LOW RU FULL

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5439.360	Average	40.76	2.32	43.07	54.00	-10.93
5439.360	Peak	51.72	2.32	54.04	74.00	-19.96
5460.000	Average	40.98	2.64	43.62	54.00	-10.38
5460.000	Peak	49.60	2.64	52.24	74.00	-21.76
5469.840	Peak	52.46	2.77	55.23	68.20	-12.97
5470.000	Peak	49.98	2.77	52.75	68.20	-15.45

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2021-12-23

Test Frequency :5510 MHz

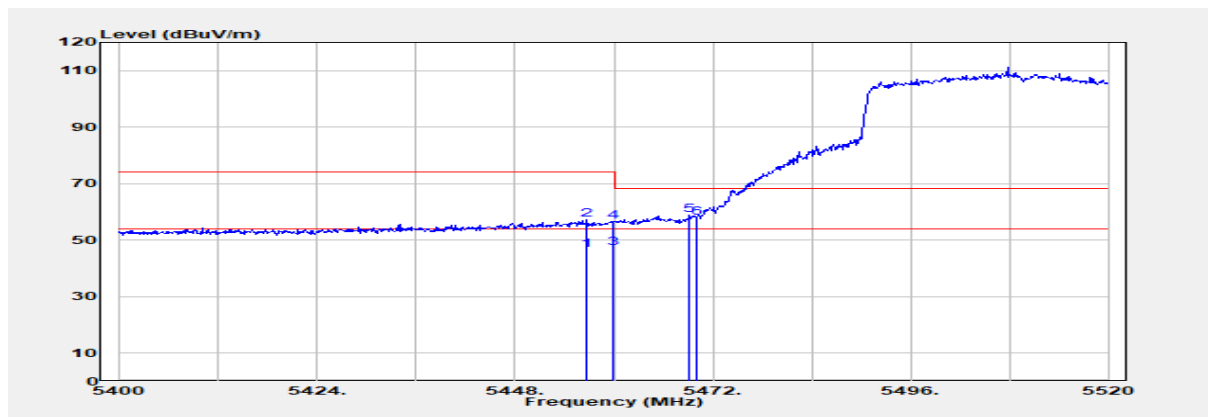
Temp./Humi. :22.1/68

Test Mode :BE CH LOW RU FULL

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5456.760	Average	43.83	2.63	46.46	54.00	-7.54
5456.760	Peak	54.52	2.63	57.15	74.00	-16.85
5460.000	Average	44.48	2.64	47.12	54.00	-6.88
5460.000	Peak	54.09	2.64	56.73	74.00	-17.27
5469.120	Peak	56.05	2.76	58.81	68.20	-9.39
5470.000	Peak	54.96	2.77	57.73	68.20	-10.47

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2021-12-23

Test Frequency :5670 MHz

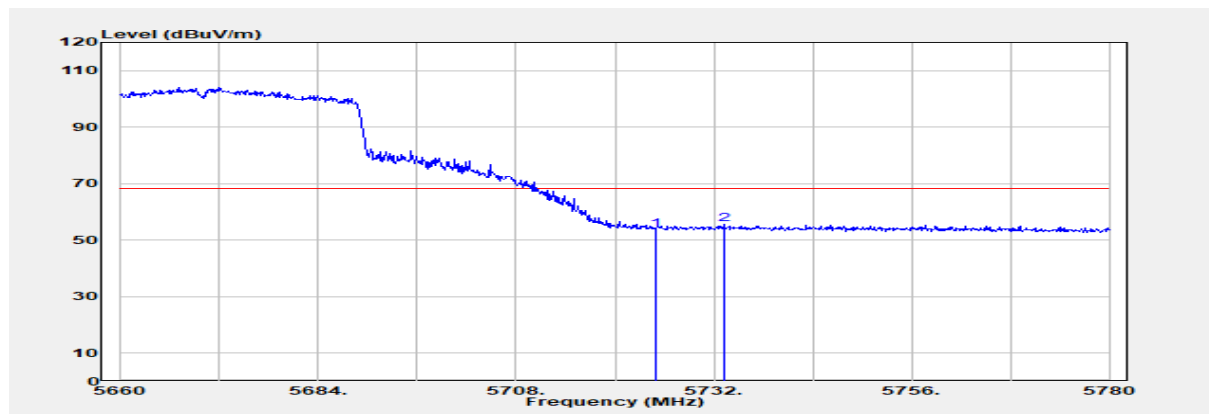
Temp./Humi. :22.1/68

Test Mode :BE CH HIGH RU FULL

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	49.57	4.21	53.78	68.20	-14.42
5733.200	Peak	51.39	4.28	55.67	68.20	-12.53

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2021-12-23

Test Frequency :5670 MHz

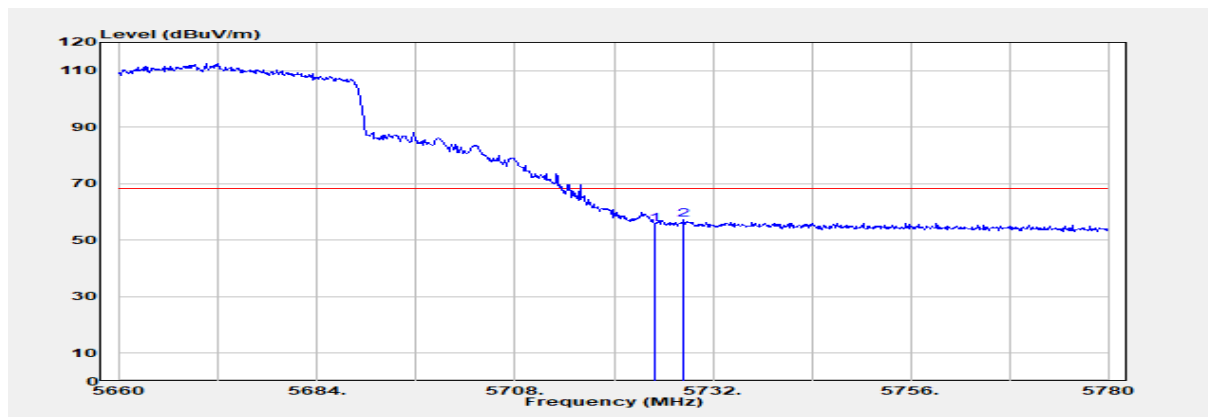
Temp./Humi. :22.1/68

Test Mode :BE CH HIGH RU FULL

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	51.35	4.21	55.56	68.20	-12.64
5728.520	Peak	52.98	4.24	57.22	68.20	-10.98

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2021-12-23

Test Frequency :5710 MHz

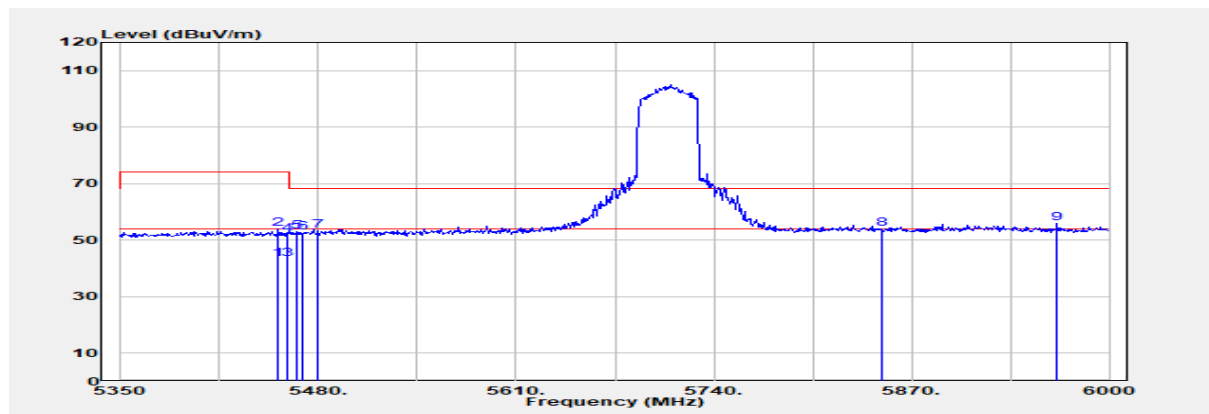
Temp./Humi. :22.1/68

Test Mode :BE CH MID RU FULL

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5453.350	Average	40.60	2.61	43.21	54.00	-10.79
5453.350	Peak	51.23	2.61	53.84	74.00	-20.16
5460.000	Average	40.53	2.64	43.17	54.00	-10.83
5460.000	Peak	49.50	2.64	52.14	74.00	-21.86
5465.700	Peak	50.34	2.71	53.05	68.20	-15.15
5470.000	Peak	49.90	2.77	52.67	68.20	-15.53
5480.000	Peak	50.46	2.76	53.22	68.20	-14.98
5850.000	Peak	49.70	4.31	54.01	68.20	-14.19
5965.550	Peak	52.12	3.85	55.98	68.20	-12.22

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2021-12-23

Test Frequency :5710 MHz

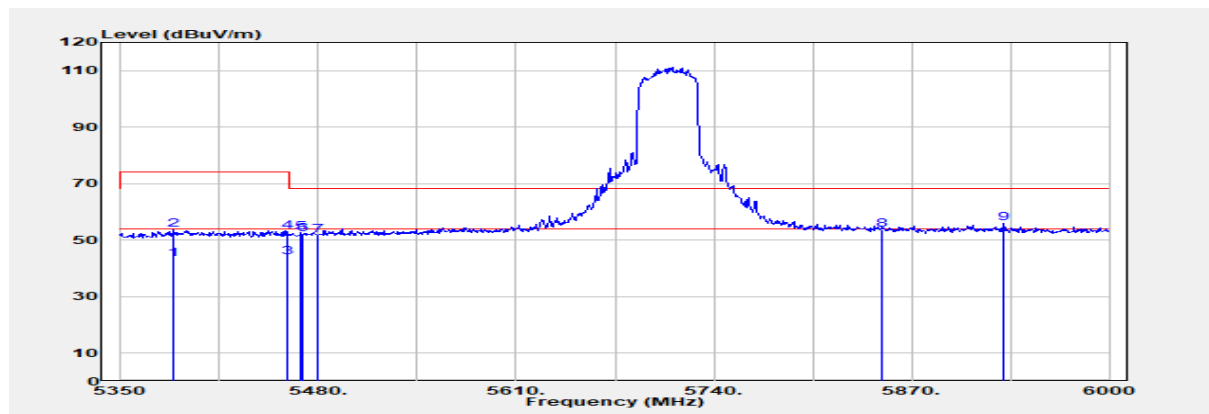
Temp./Humi. :22.1/68

Test Mode :BE CH MID RU FULL

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5385.100	Average	40.88	2.48	43.36	54.00	-10.64
5385.100	Peak	51.04	2.48	53.53	74.00	-20.47
5460.000	Average	41.10	2.64	43.74	54.00	-10.26
5460.000	Peak	50.24	2.64	52.88	74.00	-21.12
5468.300	Peak	49.85	2.75	52.60	68.20	-15.60
5470.000	Peak	49.39	2.77	52.16	68.20	-16.04
5480.000	Peak	48.93	2.76	51.69	68.20	-16.51
5850.000	Peak	49.19	4.31	53.50	68.20	-14.70
5931.100	Peak	51.63	4.32	55.95	68.20	-12.25

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2021-12-23

Test Frequency :5755 MHz

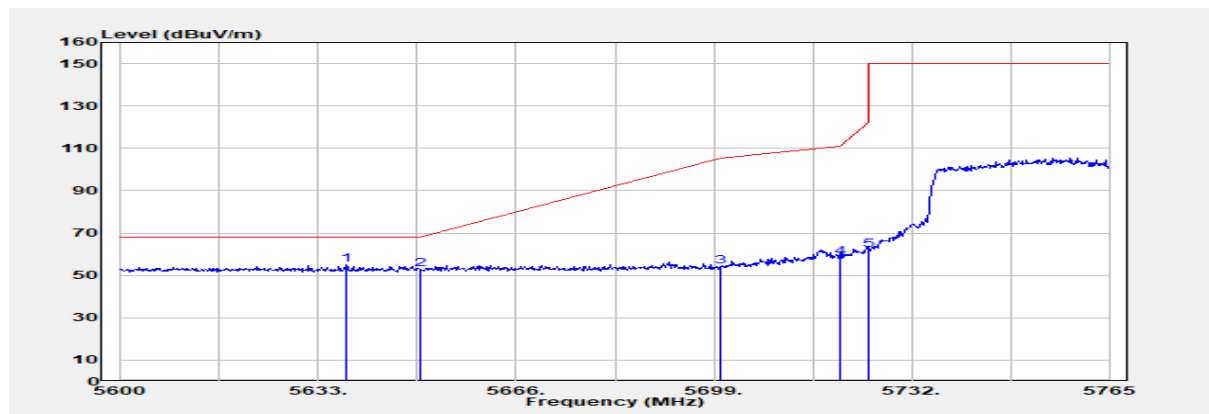
Temp./Humi. :22.1/68

Test Mode :BE CH LOW RU FULL

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5637.620	Peak	51.61	3.43	55.04	68.20	-13.16
5650.000	Peak	49.44	3.60	53.04	68.20	-15.16
5700.000	Peak	50.70	3.31	54.01	105.20	-51.19
5720.000	Peak	54.47	4.17	58.64	110.80	-52.16
5725.000	Peak	57.94	4.21	62.15	122.20	-60.05

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2021-12-23

Test Frequency :5755 MHz

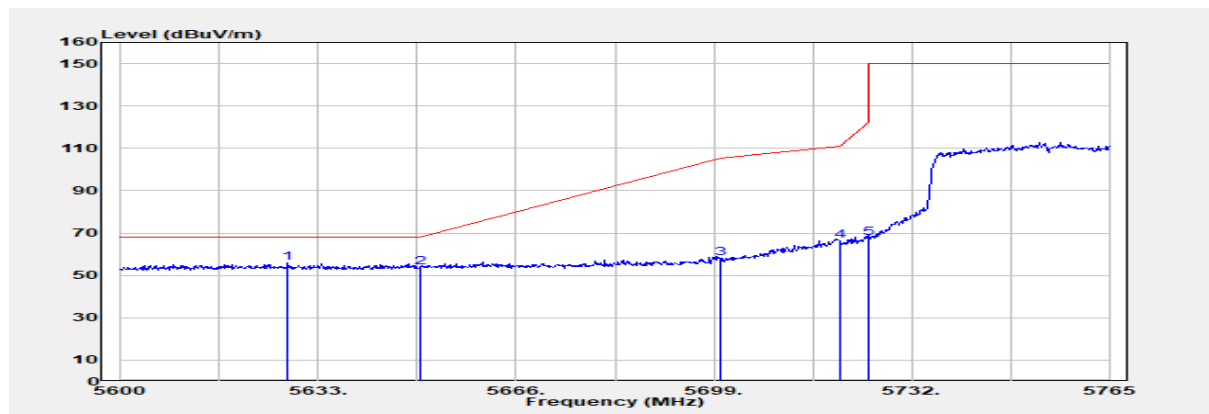
Temp./Humi. :22.1/68

Test Mode :BE CH LOW RU FULL

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5627.885	Peak	52.24	3.48	55.72	68.20	-12.48
5650.000	Peak	49.95	3.60	53.55	68.20	-14.65
5700.000	Peak	54.77	3.31	58.08	105.20	-47.12
5720.000	Peak	62.33	4.17	66.50	110.80	-44.30
5725.000	Peak	63.55	4.21	67.76	122.20	-54.44

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2021-12-23

Test Frequency :5795 MHz

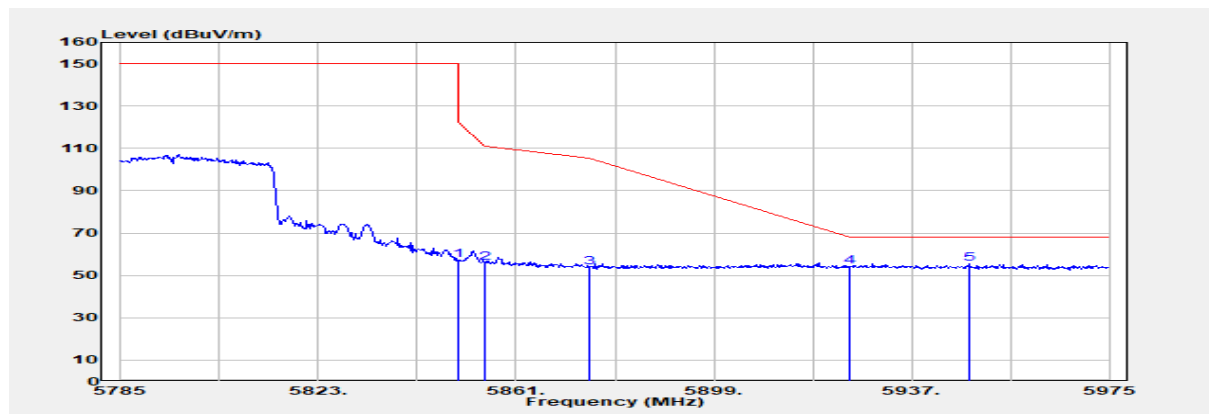
Temp./Humi. :22.1/68

Test Mode :BE CH HIGH RU FULL

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5850.000	Peak	52.86	4.31	57.17	122.20	-65.03
5855.000	Peak	51.87	4.21	56.07	110.80	-54.73
5875.000	Peak	50.03	3.90	53.93	105.20	-51.27
5925.000	Peak	49.65	4.36	54.00	68.20	-14.20
5948.020	Peak	51.35	4.06	55.41	68.20	-12.79

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax40

Test Date :2021-12-23

Test Frequency :5795 MHz

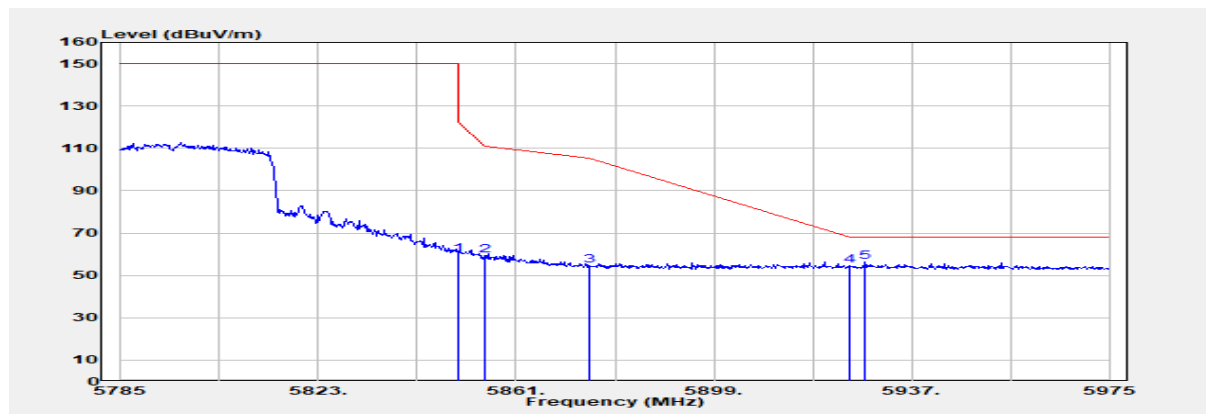
Temp./Humi. :22.1/68

Test Mode :BE CH HIGH RU FULL

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5850.000	Peak	55.58	4.31	59.89	122.20	-62.31
5855.000	Peak	55.21	4.21	59.42	110.80	-51.38
5875.000	Peak	50.81	3.90	54.71	105.20	-50.49
5925.000	Peak	50.13	4.36	54.48	68.20	-13.72
5928.070	Peak	51.95	4.35	56.30	68.20	-11.90

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2021-12-28

Test Frequency :5210 MHz

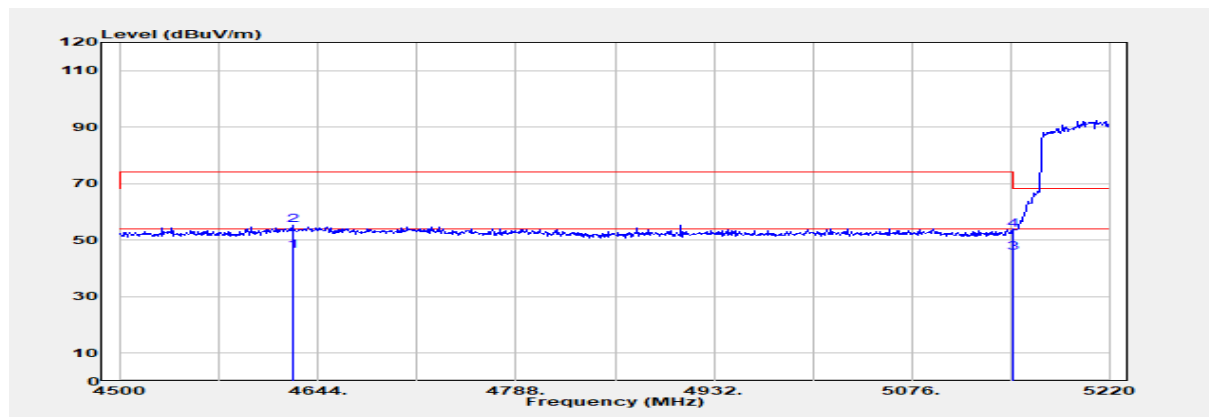
Temp./Humi. :21.6/67

Test Mode :BE CH LOW RU FULL

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4625.280	Average	42.60	3.42	46.03	54.00	-7.97
4625.280	Peak	52.00	3.42	55.42	74.00	-18.58
5150.000	Average	42.51	3.03	45.54	54.00	-8.46
5150.000	Peak	50.71	3.03	53.74	74.00	-20.26

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2021-12-28

Test Frequency :5210 MHz

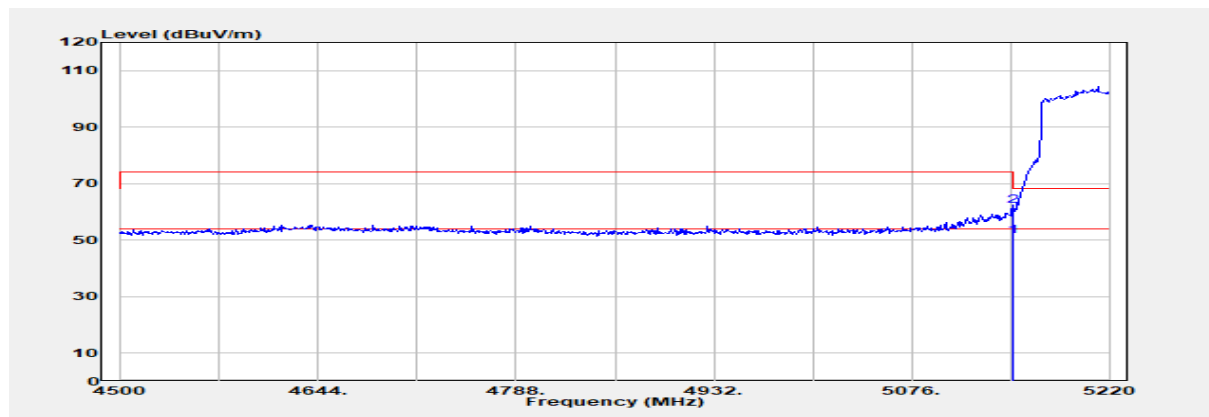
Temp./Humi. :21.6/67

Test Mode :BE CH LOW RU FULL

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5150.000	Average	48.30	3.03	51.33	54.00	-2.67
5150.000	Peak	58.94	3.03	61.97	74.00	-12.03

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2021-12-28

Test Frequency :5290 MHz

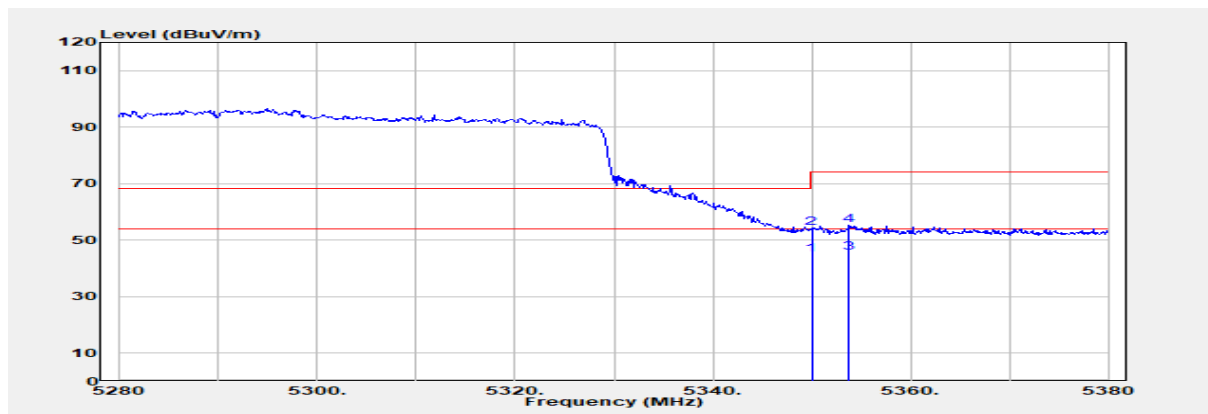
Temp./Humi. :21.6/67

Test Mode :BE CH HIGH RU FULL

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	42.77	2.21	44.98	54.00	-9.02
5350.000	Peak	51.98	2.21	54.19	74.00	-19.81
5353.800	Average	43.22	2.21	45.43	54.00	-8.57
5353.800	Peak	53.09	2.21	55.30	74.00	-18.70

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2021-12-28

Test Frequency :5290 MHz

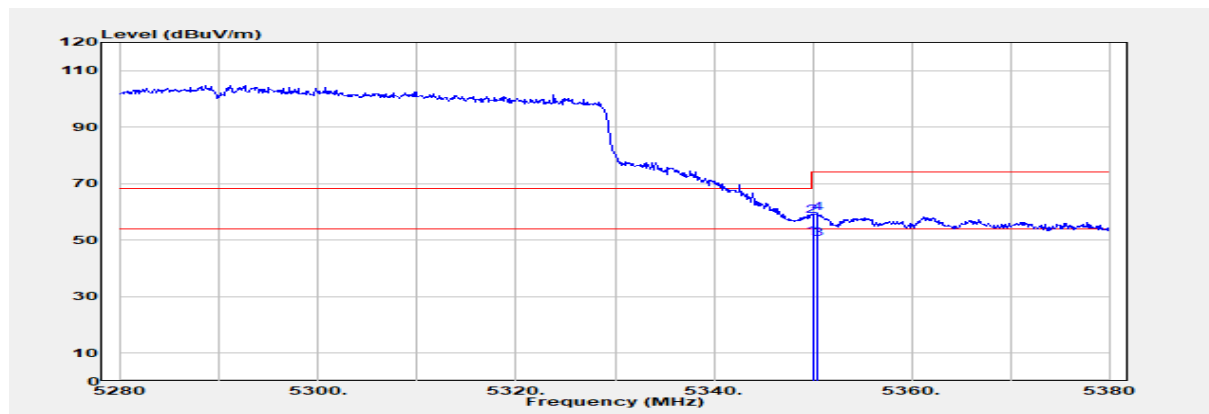
Temp./Humi. :21.6/67

Test Mode :BE CH HIGH RU FULL

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5350.000	Average	48.87	2.21	51.08	54.00	-2.92
5350.000	Peak	56.46	2.21	58.67	74.00	-15.33
5350.400	Average	48.21	2.21	50.42	54.00	-3.58
5350.400	Peak	57.44	2.21	59.65	74.00	-14.35

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2021-12-23

Test Frequency :5530 MHz

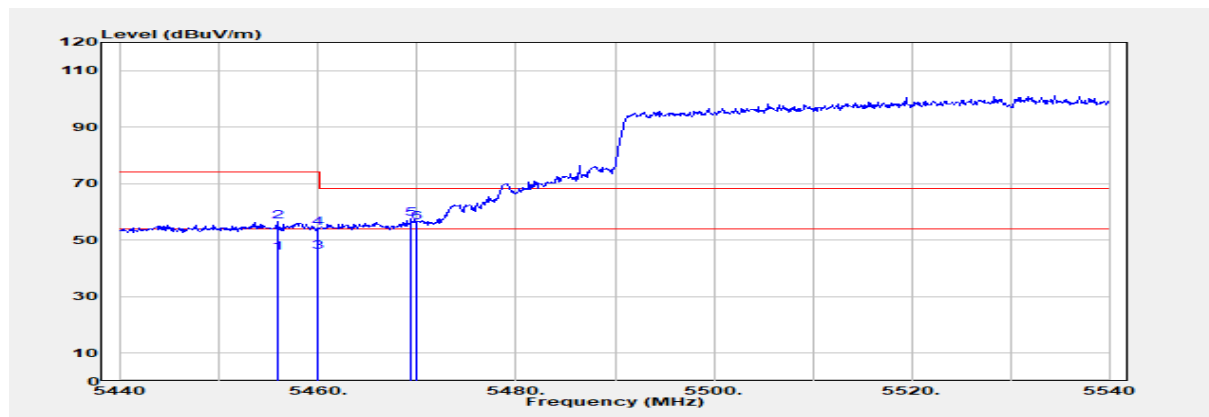
Temp./Humi. :22.1/68

Test Mode :BE CH LOW RU FULL

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5455.800	Average	42.90	2.62	45.52	54.00	-8.48
5455.800	Peak	53.81	2.62	56.43	74.00	-17.57
5460.000	Average	43.26	2.64	45.90	54.00	-8.10
5460.000	Peak	51.62	2.64	54.26	74.00	-19.74
5469.400	Peak	54.91	2.76	57.67	68.20	-10.53
5470.000	Peak	53.44	2.77	56.21	68.20	-11.99

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2021-12-23

Test Frequency :5530 MHz

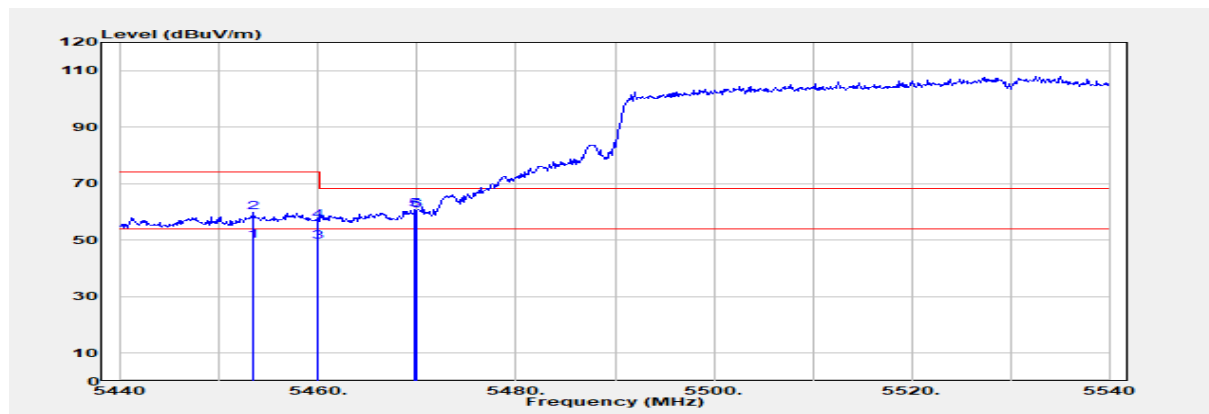
Temp./Humi. :22.1/68

Test Mode :BE CH LOW RU FULL

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5453.400	Average	47.02	2.61	49.63	54.00	-4.37
5453.400	Peak	57.09	2.61	59.70	74.00	-14.30
5460.000	Average	46.73	2.64	49.37	54.00	-4.63
5460.000	Peak	54.42	2.64	57.06	74.00	-16.94
5469.800	Peak	58.00	2.77	60.77	68.20	-7.43
5470.000	Peak	57.81	2.77	60.58	68.20	-7.62

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2021-12-23

Test Frequency :5610 MHz

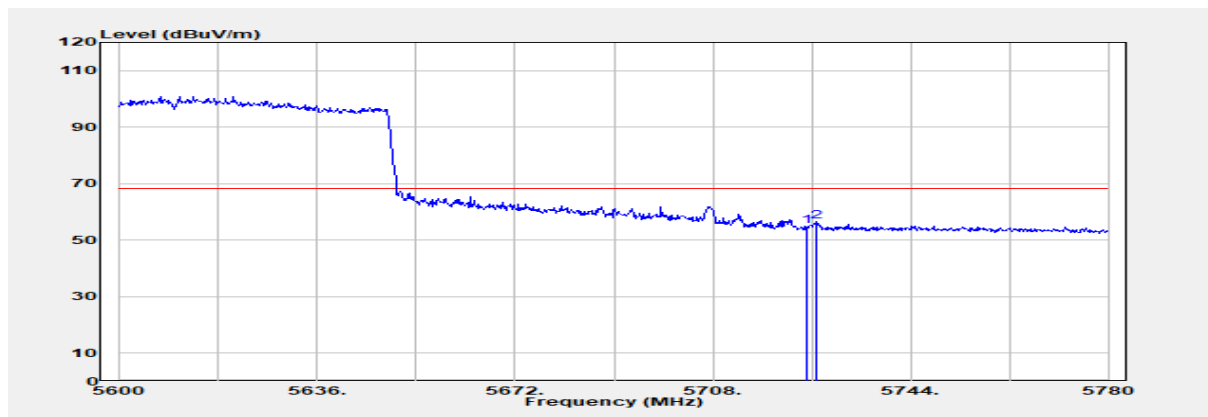
Temp./Humi. :22.1/68

Test Mode :BE CH HIGH RU FULL

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5725.000	Peak	50.79	4.21	55.00	68.20	-13.20
5726.900	Peak	52.20	4.23	56.43	68.20	-11.77

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2021-12-23

Test Frequency :5610 MHz

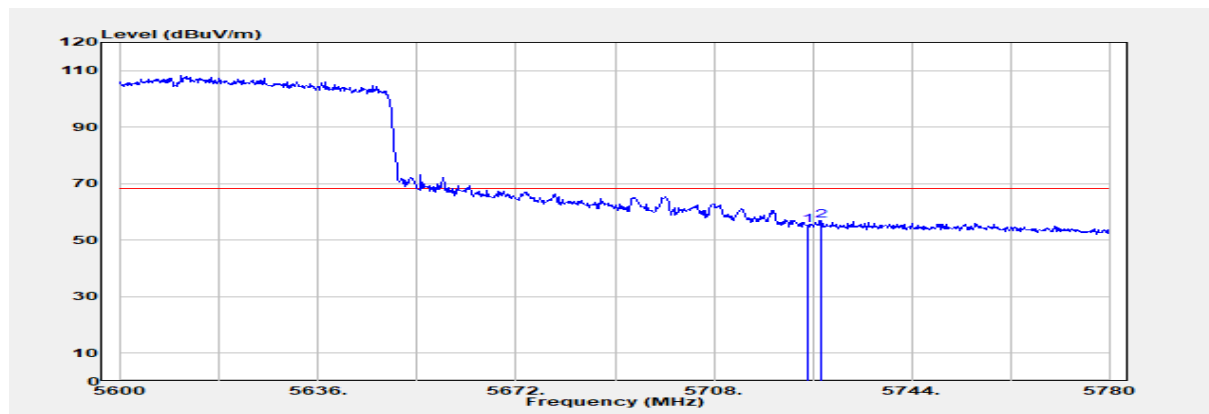
Temp./Humi. :22.1/68

Test Mode :BE CH HIGH RU FULL

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	51.03	4.21	55.24	68.20	-12.96
5727.620	Peak	52.79	4.23	57.02	68.20	-11.18

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2021-12-23

Test Frequency :5690 MHz

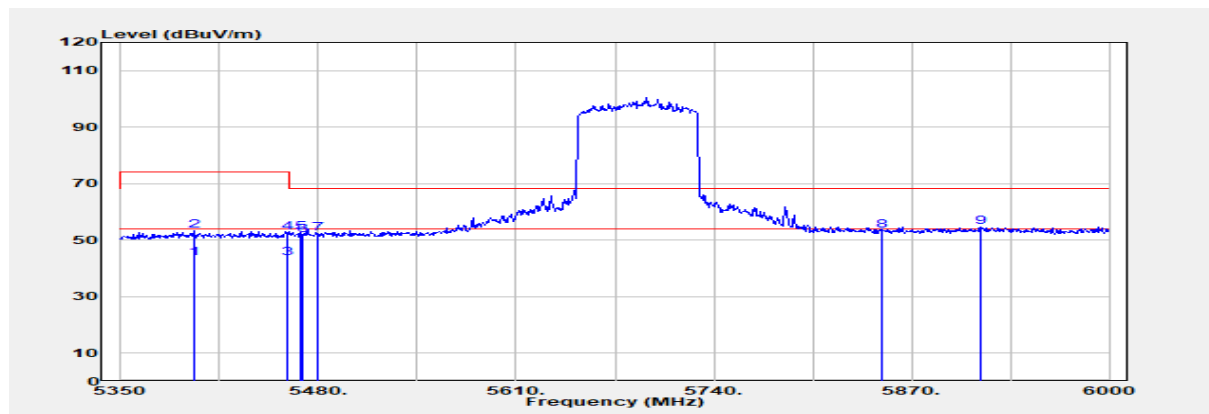
Temp./Humi. :22.1/68

Test Mode :BE CH MID RU FULL

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5398.750	Average	40.93	2.55	43.48	54.00	-10.52
5398.750	Peak	50.69	2.55	53.24	74.00	-20.76
5460.000	Average	40.86	2.64	43.50	54.00	-10.50
5460.000	Peak	50.20	2.64	52.84	74.00	-21.16
5468.300	Peak	49.88	2.75	52.63	68.20	-15.57
5470.000	Peak	49.10	2.77	51.87	68.20	-16.33
5480.000	Peak	49.44	2.76	52.20	68.20	-16.00
5850.000	Peak	49.02	4.31	53.33	68.20	-14.87
5916.150	Peak	50.25	4.38	54.63	68.20	-13.57

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2021-12-23

Test Frequency :5690 MHz

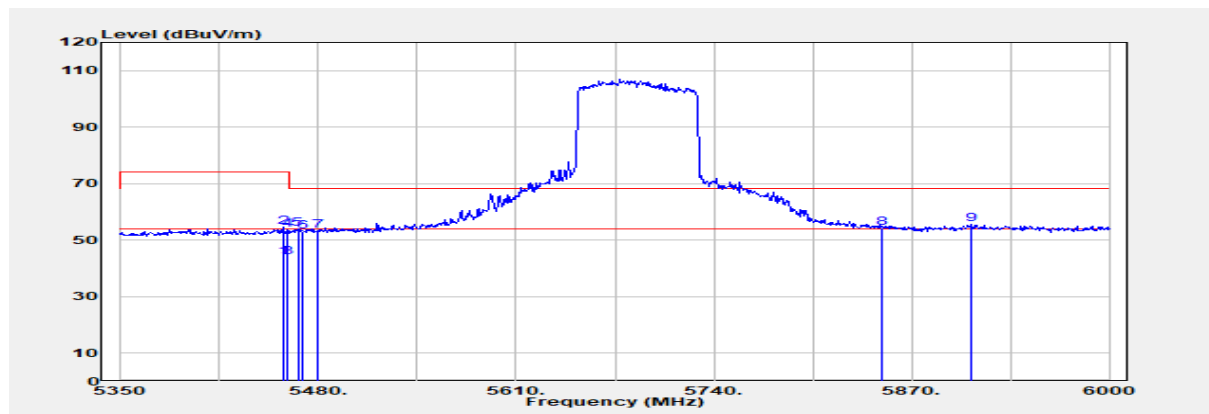
Temp./Humi. :22.1/68

Test Mode :BE CH MID RU FULL

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5456.600	Average	41.35	2.63	43.97	54.00	-10.03
5456.600	Peak	51.90	2.63	54.52	74.00	-19.48
5460.000	Average	41.23	2.64	43.87	54.00	-10.13
5460.000	Peak	51.07	2.64	53.71	74.00	-20.29
5466.350	Peak	51.41	2.72	54.13	68.20	-14.07
5470.000	Peak	50.08	2.77	52.85	68.20	-15.35
5480.000	Peak	50.60	2.76	53.36	68.20	-14.84
5850.000	Peak	49.97	4.31	54.28	68.20	-13.92
5909.000	Peak	51.31	4.37	55.67	68.20	-12.53

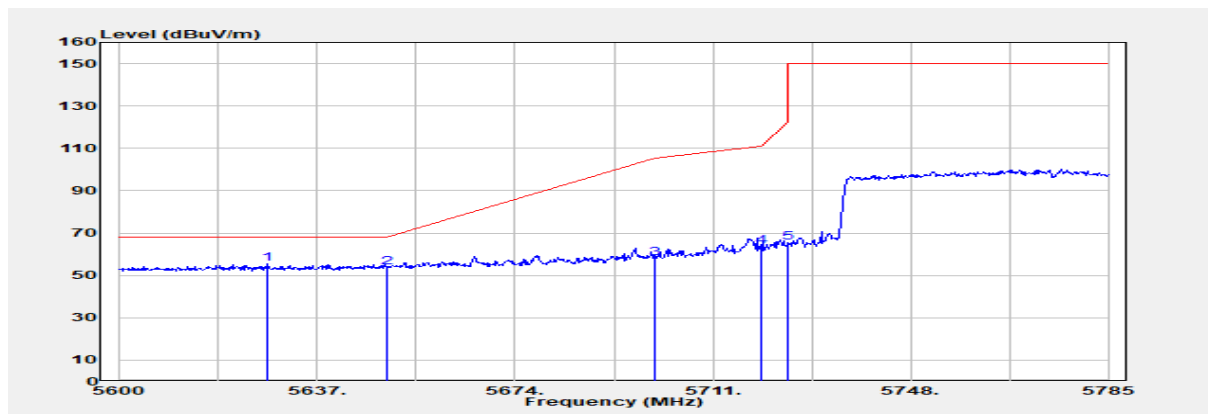
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Report Number :E2/2021/C0067
 Operation Mode :802.11ax80
 Test Frequency :5775 MHz
 Test Mode :BE CH LOW RU FULL
 EUT Pol :NB Plane

Test Site :SAC G
 Test Date :2021-12-23
 Temp./Humi. :22.1/68
 Antenna Pol. :Vertical
 Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5627.750	Peak	52.00	3.48	55.48	68.20	-12.72
5650.000	Peak	50.21	3.60	53.81	68.20	-14.39
5700.000	Peak	54.92	3.31	58.23	105.20	-46.97
5720.000	Peak	59.60	4.17	63.77	110.80	-47.03
5725.000	Peak	61.35	4.21	65.56	122.20	-56.64

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2021-12-23

Test Frequency :5775 MHz

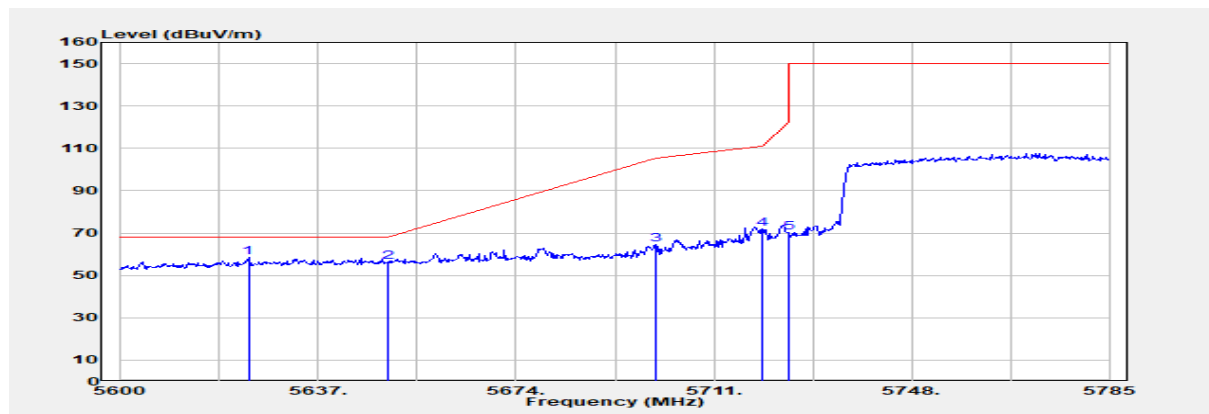
Temp./Humi. :22.1/68

Test Mode :BE CH LOW RU FULL

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5623.865	Peak	54.94	3.46	58.40	68.20	-9.80
5650.000	Peak	52.70	3.60	56.30	68.20	-11.90
5700.000	Peak	61.40	3.31	64.71	105.20	-40.49
5720.000	Peak	67.81	4.17	71.98	110.80	-38.82
5725.000	Peak	65.97	4.21	70.18	122.20	-52.02

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2021-12-23

Test Frequency :5775 MHz

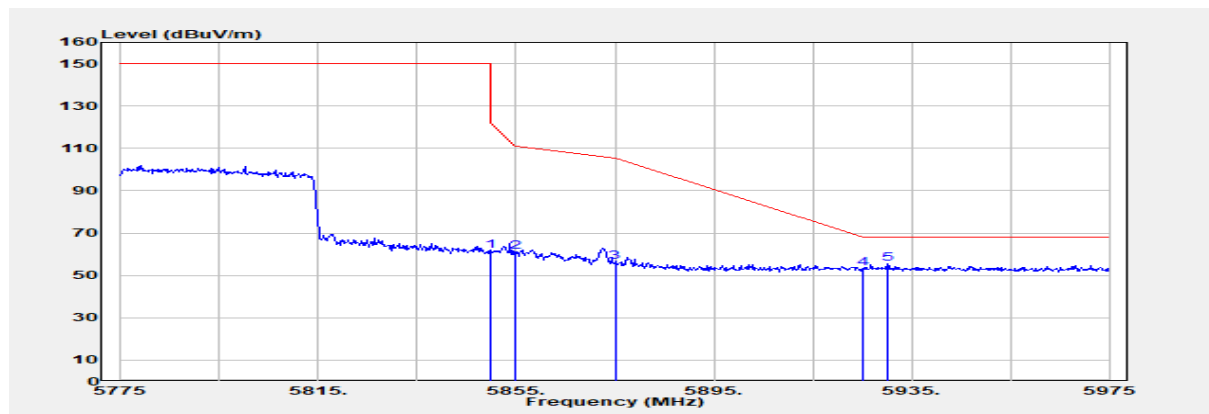
Temp./Humi. :22.1/68

Test Mode :BE CH HIGH RU FULL

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5850.000	Peak	57.08	4.31	61.39	122.20	-60.81
5855.000	Peak	57.02	4.21	61.23	110.80	-49.57
5875.000	Peak	52.38	3.90	56.28	105.20	-48.92
5925.000	Peak	49.01	4.36	53.37	68.20	-14.83
5930.200	Peak	51.04	4.34	55.38	68.20	-12.82

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax80

Test Date :2021-12-23

Test Frequency :5775 MHz

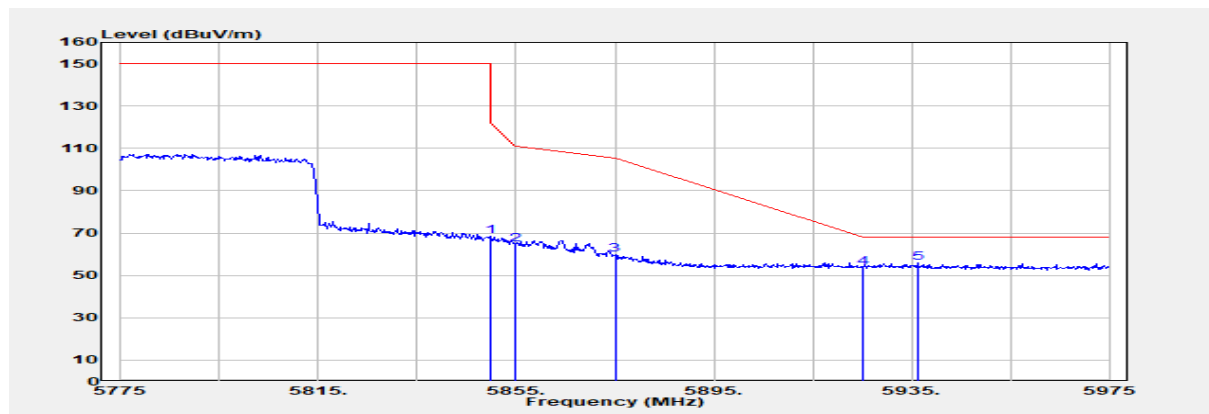
Temp./Humi. :22.1/68

Test Mode :BE CH HIGH RU FULL

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5850.000	Peak	64.11	4.31	68.42	122.20	-53.78
5855.000	Peak	60.31	4.21	64.52	110.80	-46.28
5875.000	Peak	56.13	3.90	60.03	105.20	-45.17
5925.000	Peak	49.59	4.36	53.94	68.20	-14.26
5936.200	Peak	51.76	4.21	55.97	68.20	-12.23

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax160

Test Date :2021-12-23

Test Frequency :5250 MHz

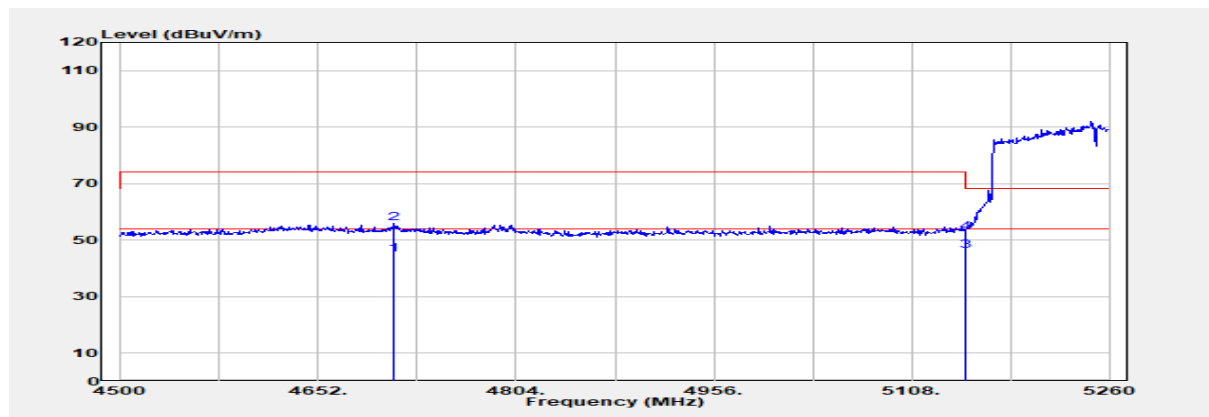
Temp./Humi. :22.1/68

Test Mode :BE CH LOW RU FULL

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
4710.520	Average	41.67	3.28	44.95	54.00	-9.05
4710.520	Peak	52.67	3.28	55.95	74.00	-18.05
5150.000	Average	43.13	3.03	46.16	54.00	-7.84
5150.000	Peak	49.62	3.03	52.65	74.00	-21.35

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax160

Test Date :2021-12-23

Test Frequency :5250 MHz

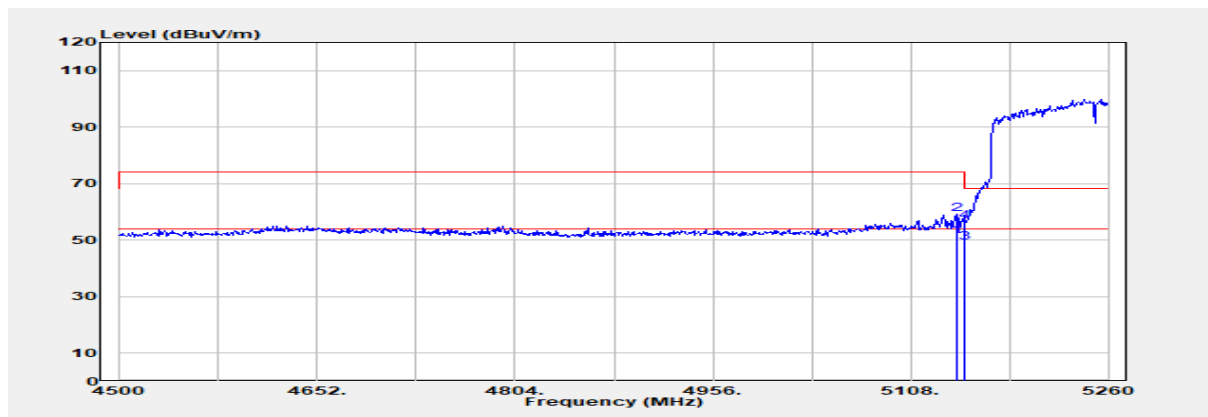
Temp./Humi. :22.1/68

Test Mode :BE CH LOW RU FULL

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5143.720	Average	48.42	2.88	51.30	54.00	-2.70
5143.720	Peak	56.23	2.88	59.11	74.00	-14.89
5150.000	Average	46.07	3.03	49.10	54.00	-4.90
5150.000	Peak	53.44	3.03	56.47	74.00	-17.53

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax160

Test Date :2021-12-23

Test Frequency :5250 MHz

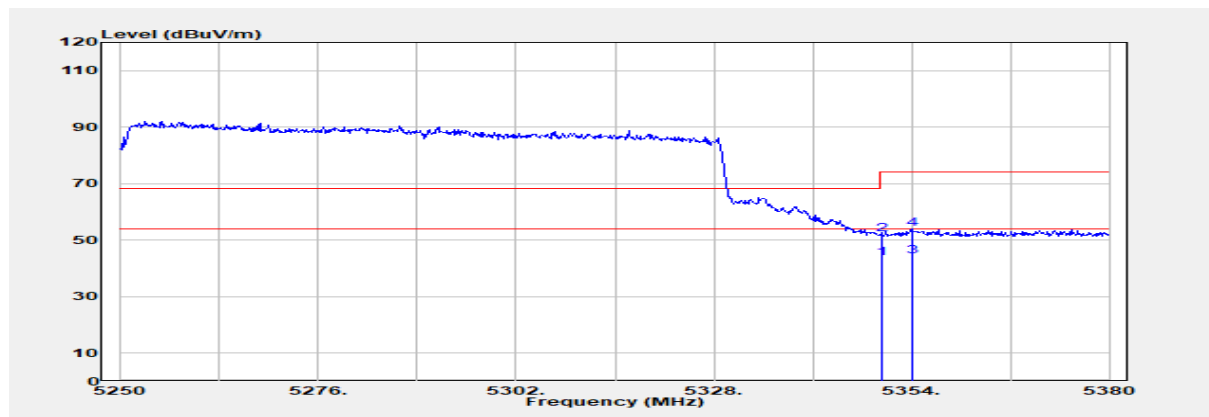
Temp./Humi. :22.1/68

Test Mode :BE CH HIGH RU FULL

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	41.35	2.21	43.56	54.00	-10.45
5350.000	Peak	49.71	2.21	51.92	74.00	-22.08
5354.000	Average	42.09	2.21	44.31	54.00	-9.69
5354.000	Peak	51.86	2.21	54.07	74.00	-19.93

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax160

Test Date :2021-12-23

Test Frequency :5250 MHz

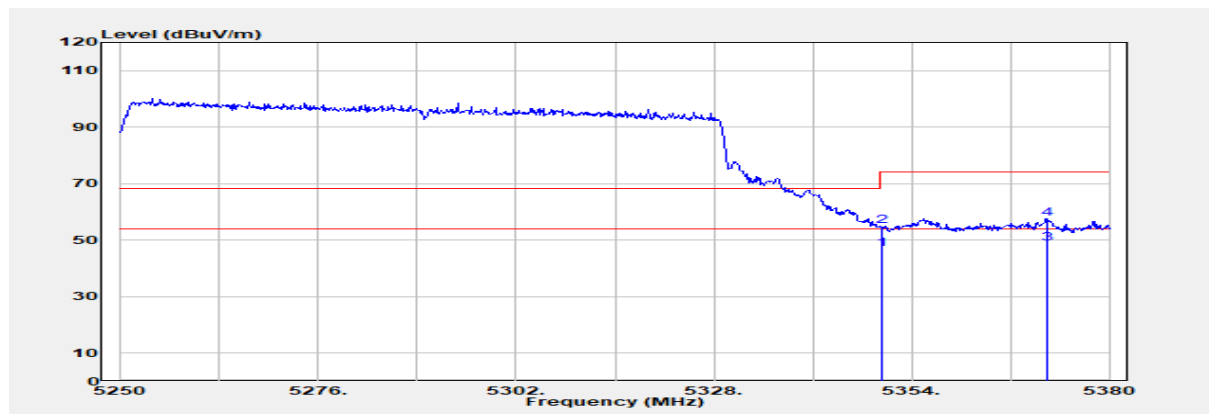
Temp./Humi. :22.1/68

Test Mode :BE CH HIGH RU FULL

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5350.000	Average	44.65	2.21	46.86	54.00	-7.14
5350.000	Peak	52.68	2.21	54.89	74.00	-19.11
5371.940	Average	46.38	2.32	48.70	54.00	-5.30
5371.940	Peak	55.40	2.32	57.72	74.00	-16.28

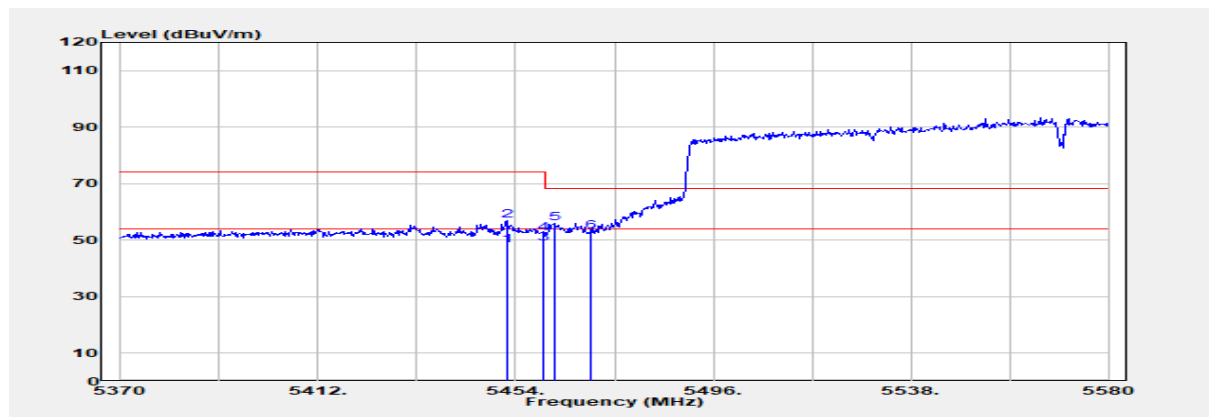
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Report Number :E2/2021/C0067
 Operation Mode :802.11ax160
 Test Frequency :5570 MHz
 Test Mode :BE CH LOW RU FULL
 EUT Pol :NB Plane

Test Site :SAC G
 Test Date :2021-12-23
 Temp./Humi. :22.1/68
 Antenna Pol. :Vertical
 Engineer :Quentin Liu

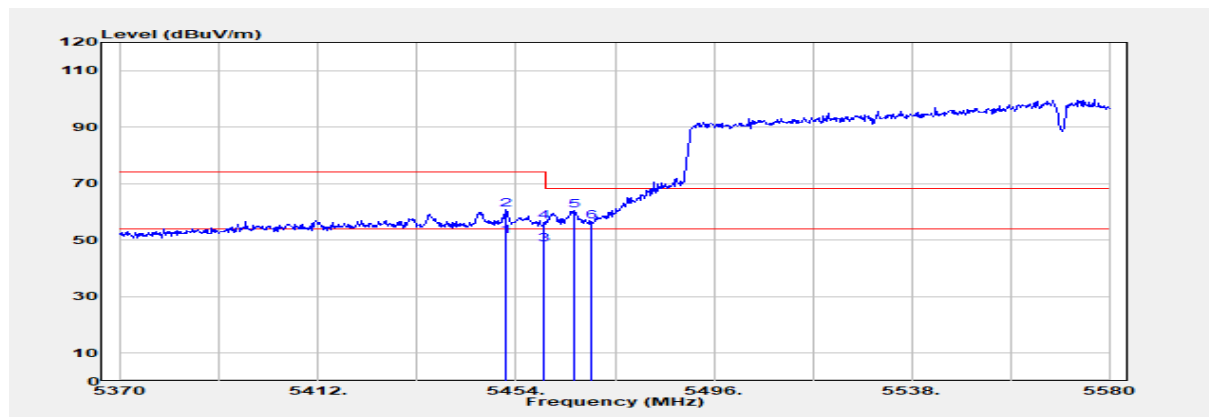


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5452.110	Average	45.37	2.61	47.98	54.00	-6.02
5452.110	Peak	54.38	2.61	56.99	74.00	-17.01
5460.000	Average	46.00	2.64	48.64	54.00	-5.36
5460.000	Peak	49.79	2.64	52.43	74.00	-21.57
5462.190	Peak	53.22	2.67	55.89	68.20	-12.31
5470.000	Peak	50.16	2.77	52.93	68.20	-15.27

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Report Number :E2/2021/C0067
Test Site :SAC G
Operation Mode :802.11ax160
Test Date :2021-12-23
Test Frequency :5570 MHz
Temp./Humi. :22.1/68
Test Mode :BE CH LOW RU FULL
Antenna Pol. :Horizontal
EUT Pol :NB Plane
Engineer :Quentin Liu


Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5451.900	Average	48.87	2.61	51.47	54.00	-2.53
5451.900	Peak	58.15	2.61	60.76	74.00	-13.24
5460.000	Average	45.88	2.64	48.52	54.00	-5.48
5460.000	Peak	53.80	2.64	56.44	74.00	-17.56
5466.180	Peak	57.86	2.72	60.58	68.20	-7.62
5470.000	Peak	53.88	2.77	56.65	68.20	-11.55

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax160

Test Date :2021-12-23

Test Frequency :5570 MHz

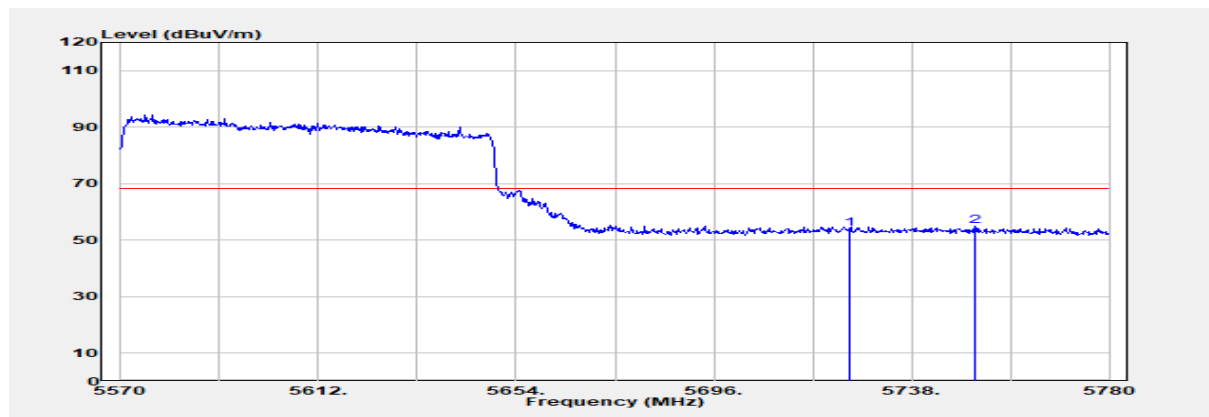
Temp./Humi. :22.1/68

Test Mode :BE CH HIGH RU FULL

Antenna Pol. :Vertical

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	49.72	4.21	53.93	68.20	-14.27
5751.440	Peak	50.62	4.35	54.96	68.20	-13.24

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Report Number :E2/2021/C0067

Test Site :SAC G

Operation Mode :802.11ax160

Test Date :2021-12-23

Test Frequency :5570 MHz

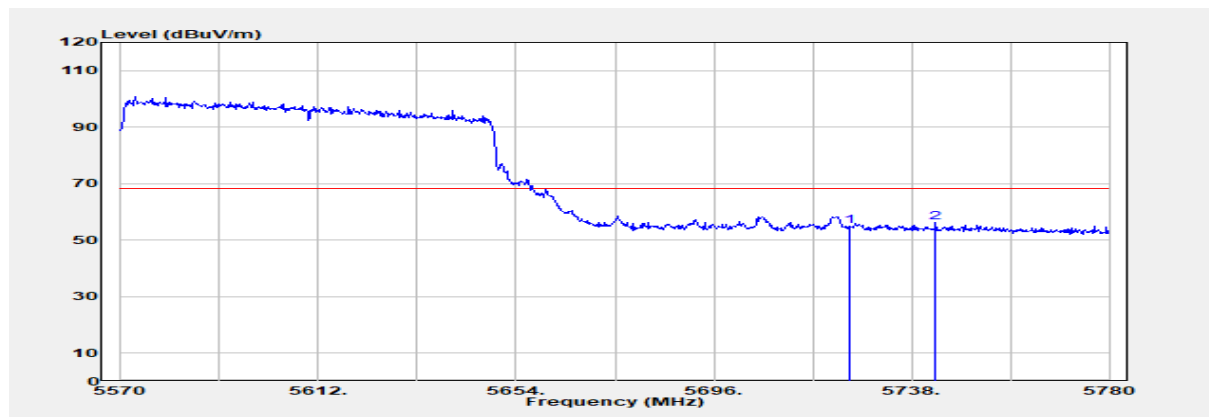
Temp./Humi. :22.1/68

Test Mode :BE CH HIGH RU FULL

Antenna Pol. :Horizontal

EUT Pol :NB Plane

Engineer :Quentin Liu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	50.70	4.21	54.91	68.20	-13.29
5743.040	Peak	51.95	4.35	56.30	68.20	-11.90

~ End of Report ~

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