

ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT**CLASS II PC REPORT**

OF

Applicant: Acer Incorporated
8F., No. 88, Sec. 1, Xintai 5th Rd., Xizhi, New Taipei City
22181, Taiwan (R.O.C)
Product Name: 2TX 11ax (WiFi6) + BLE Combo Card
Brand Name: Acer
Model No.: MT7921
Model Difference: N/A
Report Number: E2/2020/C0073
FCC ID HLZMT7921
FCC Rule Part: §15.407, Cat: NII
Issue Date: March 3, 2021
Date of Test: December 29, 2020 - February 25, 2021
Date of EUT Received: December 29, 2020

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 tested as described in this report is in compliance with conducted and radiated emission limits.

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

Approved By:

Jazz Huang

Jazz Huang / Asst. Supervisor



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Revision History

Report Number	Revision	Description	Issue Date	Remark
E2/2020/C0073	Rev.00	Original.	March 3, 2021	Revised By: Yuri Tsai

Note:

1、Disclaimer

Antenna information is provided by the applicant, test results of this report are applicable to the sample EUT received.

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Table of Contents

1	GENERAL INFORMATION	4
2	SYSTEM TEST CONFIGURATION.....	8
3	SUMMARY OF TEST RESULT	10
4	DESCRIPTION OF TEST MODES.....	11
5	MEASUREMENT UNCERTAINTY	17
6	MAXIMUM CONDUCTED OUTPUT POWER MEASUREMENT	18
7	UNDESIRABLE RADIATED EMISSION MEASUREMENT	23

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1 GENERAL INFORMATION

1.1 Product Description

Product Name:	Notebook Computer
Brand Name:	<i>acer</i>
Model No. of Host:	N20C12
Model Difference:	N/A
Hardware Version:	N/A
Software Version:	N/A
EUT Series No.:	N8AB1WW00204900D073400
Model No. of BT/WLAN Module:	MT7921
Class II Permissive change:	2TX 11ax (WiFi6) + BLE Combo Card INSTALLED IN Notebook Computer
Power Supply:	11.25Vdc from Rechargeable Li-polymer Battery or 19Vdc from AC/DC Adapter
Transition Rate:	802.11 a: 6/9/12/18/24/36/48/54 Mbps 802.11 n_20MHz: 6.5 – 144.4Mbps 802.11 n_40MHz: 13.5 – 300.0Mbps 802.11 ac_20MHz: 6.5 –173.3Mbps 802.11 ac_40MHz: 13.5 –400.0Mbps 802.11 ac_80MHz: 29.3 – 866.7Mbps 802.11 ax_20MHz: 8.6 –286.8Mbps 802.11 ax_40MHz: 17.2 –573.5Mbps 802.11 ax_80MHz: 36.0 – 1201Mbps

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1.2 Antenna Designation

Antenna Type	Supplier	Main / Aux	Antenna Part No.	Freq. (MHz)	Peak Antenna Gain (dBi)	Worst Antenna Gain
PIFA	WNC	Main	DC33002JF00	5150~5250	1.40	V
				5250~5350	1.40	V
				5470~5725	1.82	V
				5725~5850	2.30	V
		Aux		5150~5250	-0.39	
				5250~5350	-0.79	
				5470~5725	0.34	
				5725~5850	0.17	

Note: Investigation has been done to determine the worst case scenario for the above antennas demonstrated with measurements in this report.

For MIMO mode, higher antenna gains are chosen to ensure higher directional gain is evaluated as below.

Ant. Type	Supplier	Part No.	Freq.(MHz)	Peak Gain (dBi)
PIFA	WNC	DC33002JF00	5150~5250	3.56
			5250~5350	3.38
			5470~5725	4.12
			5725~5850	4.31

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1.3 FCC worst power

Wi-Fi 802.11	Frequency Range	Channels	Rated Power (Avg.) (dBm) (Worst case)		Modulation Technology
a	5150~5250	4	20.00		OFDM
	5250~5350	4	19.99		
	5470~5725	12	19.98		
	5725~5850	5	19.85		
n_HT ac_VHT ax_HE 20M	5150~5250	4	VHT:	19.95	OFDM / OFDMA
	5250~5350	4	HE:	19.77	
	5470~5725	12	HE:	20.13	
	5725~5850	5	HE:	19.97	
n_HT ac_VHT ax_HE 40M	5150~5250	2	VHT:	20.00	OFDM / OFDMA
	5250~5350	2	VHT:	19.96	
	5470~5725	5	VHT:	19.74	
	5725~5850	2	VHT:	19.99	
ac_VHT ax_HE 80M	5150~5250	1	HE:	17.13	OFDM / OFDMA
	5250~5350	1	HE:	17.39	
	5470~5725	2	HE:	19.45	
	5725~5850	1	HE:	19.13	

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1.4 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

1.5 Test Facility

SGS Taiwan Ltd. Central RF Lab (TAF code 3702)

No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333

FCC Designation number: TW0028

1.6 Special Accessories

There are no special accessories used while test was conducted.

1.7 Equipment Modifications

There was no modification incorporated into the EUT.

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2 SYSTEM TEST CONFIGURATION

2.1 EUT Configuration

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

2.2 EUT Exercise

An engineering test mode (software/firmware) that applicant provided was utilized to manipulate the EUT into transmit, selection of the test channel, and modulation scheme.

2.3 Test Procedure

2.3.1 Conducted 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.

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*9m*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

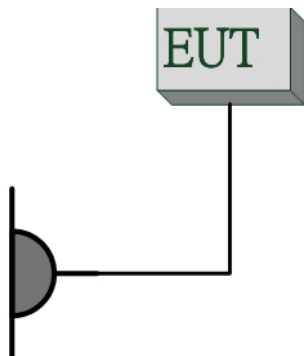


Fig. 2-2 Conducted (Antenna Port)



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

Operated band in 5470 MHz ~5725 MHz:

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

Operated band in 5745 MHz ~5850 MHz

20		40		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 given 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, highest and Full RU results higher emissions.
Only one RU can be enabled at any given time.

802.11ax		20MHz				802.11ax		40MHz				
RU type		26-tone RU		52-tone RU		RU type		26-tone RU		52-tone RU		
RU index and subcarrier range	RU0	[-121: -96]		RU37	[-121: -70]		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 (ABOVE 1 GHz)						
MODE	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	DATA RATE (Mbps)	AN-TENNA 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			
	5745~5825	149 to 165	149,157,165			

Note:

The field strength of radiation emission was measured as NB Plane for channel Low, Mid and High.

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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)	AN-TENNA 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_HT20	5180~5240	36 to 48	36,40,48		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			
802.11ac_HT40	5190~5230	38 to 46	38,46		MCS0	MIMO
	5270~5310	54 to 62	54,62			
	5510~5710	102 to 142	102,110,134,142			
	5755~5795	151 to 159	151,159			
802.11ac_VHT80	5210	42	42		MCS0	MIMO
	5290	58	58			
	5530~5690	106 to 138	106,138			
	5775	155	155			

CONDUCTED TEST							
MODE	FREQUENCY BAND (MHz)	AVAILABLE CHANNEL	TESTED CHANNEL	MODULATION	RU CONFIGURATION	DATA RATE (Mbps)	AN-TENNA PORT
802.11ax_HE20	5180~5240	36 to 48	36,40,48	OFDMA	FULL RU	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				
802.11ax_HE40	5190~5230	38 to 46	38,46	OFDMA	FULL RU	MCS0	MIMO
	5270~5310	54 to 62	54,62				
	5510~5670	102 to 134	102,110,134				
	5755~5795	151 to 159	151,159				
802.11ax_HE80	5210	42	42	OFDMA	FULL RU	MCS0	MIMO
	5290	58	58				
	5530~5610	106 to 122	106,122				
	5775	155	155				

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5 MEASUREMENT UNCERTAINTY

Test Items	Uncertainty
The Maximum Output Power Measurement	+/- 1 dB
Temperature	+/- 0.4 °C
Humidity	+/- 3.5 %
DC / AC Power Source	DC= +/- 1%, AC= +/- 1%

Radiated Spurious Emission Measurement Uncertainty			
Polarization: Vertical	+/- 2.64 dB	9kHz~30MHz: +/- 2.3dB	
	+/- 4.93 dB	30MHz - 1000MHz: +/- 3.37dB	
	+/- 4.81 dB	1GHz - 18GHz: +/- 4.04dB	
	+/- 4.52 dB	18GHz - 40GHz: +/- 4.04dB	
Polarization: Horizontal	+/- 2.64 dB	9kHz~30MHz: +/- 2.3dB	
	+/- 4.45 dB	30MHz - 1000MHz: +/- 4.22dB	
	+/- 4.81 dB	1GHz - 18GHz: +/- 4.08dB	
	+/- 4.52 dB	18GHz - 40GHz: +/- 4.08dB	

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

$g_{j,k}$ = / 20 10Gk 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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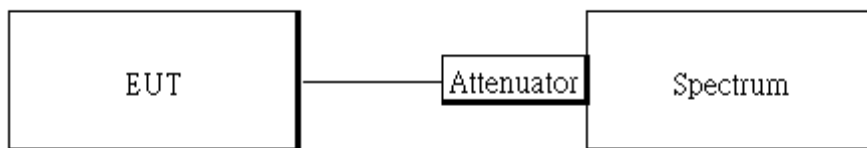
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6.3 Measurement Equipment Used

Conducted Emission Test Site					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Spectrum Analyzer	KEYSIGHT	N9010B	MY59071573	06/26/2020	06/25/2021
Power Meter	Anritsu	ML2496A	1512003	07/23/2020	07/22/2021
Power Sensor	Anritsu	MA2411B	1339378	07/23/2020	07/22/2021
Power Sensor	Anritsu	MA2411B	1339379	07/23/2020	07/22/2021
Attenuator	Marvelous	MVE2213-10	RF06	11/19/2020	11/18/2021
Attenuator	Marvelous	WATT-218FS-10	RF15	11/19/2020	11/18/2021
DC Block	PASTER-NACK	PE8210	RF153	11/19/2020	11/18/2021

6.4 Test Set-up



6.5 Measurement Result

6.5.1 Conducted output power (FCC)

802.11a_2TX

CH	Frequency (MHz)	Data Rate	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)		RESULT
			CH 0	CH 1					
36	5180	6	14.85	15.69	18.44	69.806	23.98		PASS
40	5200	6	16.22	17.4	20.00	99.968	23.98		PASS
48	5240	6	16.48	16.82	19.80	95.543	23.98		PASS
52	5260	6	16.81	16.52	19.82	95.854	23.98	or 11+10log(B) = 24.54	PASS
60	5300	6	16.78	16.91	19.99	99.866	23.98	or 11+10log(B) = 24.75	PASS
64	5320	6	15.76	15.63	18.84	76.633	23.98	or 11+10log(B) = 24.70	PASS
100	5500	6	16.48	17.04	19.92	98.123	23.98	or 11+10log(B) = 24.64	PASS
116	5580	6	16.6	17.06	19.98	99.650	23.98	or 11+10log(B) = 24.50	PASS
140	5700	6	16.61	16.59	19.75	94.377	23.98	or 11+10log(B) = 24.45	PASS
144	5720(U-NII 2C)	6	15.08	15.65	18.52	71.198	23.98	or 11+10log(B) = 23.22	PASS
144	5720 (U-NII 3)	6	11.23	11.67	14.61	28.880	30		PASS
149	5745	6	16.24	17.12	19.85	96.626	30		PASS
157	5785	6	16.35	16.99	19.83	96.171	30		PASS
165	5825	6	15.89	16.97	19.61	91.457	30		PASS

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802.11ac_VHT20_MIMO

CH	Frequency (MHz)	Data Rate	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)		RESULT
			CH 0	CH 1					
36	5180	MCS0	14.24	15.08	18.87	77.118	23.98		PASS
40	5200	MCS0	15.46	16.03	19.95	98.756	23.98		PASS
48	5240	MCS0	15.16	15.54	19.55	90.063	23.98		PASS
52	5260	MCS0	15.66	15.38	19.71	93.617	23.98	or 11+10log(B) = 24.56	PASS
60	5300	MCS0	15.49	15.5	19.69	93.031	23.98	or 11+10log(B) = 24.85	PASS
64	5320	MCS0	14.53	14.05	18.49	70.598	23.98	or 11+10log(B) = 24.74	PASS
100	5500	MCS0	15.19	15.65	19.62	91.567	23.98	or 11+10log(B) = 24.81	PASS
116	5580	MCS0	15.49	16.11	20.00	100.054	23.98	or 11+10log(B) = 24.84	PASS
140	5700	MCS0	15.45	15.44	19.64	91.966	23.98	or 11+10log(B) = 24.73	PASS
144	5720(U-NII 2C)	MCS0	10.05	9.92	14.17	26.135	23.98	or 11+10log(B) = 23.27	PASS
144	5720(U-NII 3)	MCS0	6.25	6.02	10.32	10.771	30		PASS
149	5745	MCS0	15.1	15.93	19.73	93.888	30		PASS
157	5785	MCS0	15.03	15.82	19.63	91.923	30		PASS
165	5825	MCS0	15.13	16.28	19.93	98.497	30		PASS

802.11ac_VHT40_MIMO

CH	Frequency (MHz)	Data Rate	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)		RESULT
			CH 0	CH 1					
38	5190	MCS0	12.77	13.44	18.15	65.290	23.98		PASS
46	5230	MCS0	14.73	15.2	20.00	100.044	23.98		PASS
54	5270	MCS0	15.04	14.82	19.96	99.128	23.98	or 11+10log(B) = 26.97	PASS
62	5310	MCS0	13.04	12.56	17.84	60.774	23.98	or 11+10log(B) = 26.96	PASS
102	5510	MCS0	14.66	14.7	19.71	93.554	23.98	or 11+10log(B) = 26.92	PASS
110	5550	MCS0	14.65	14.76	19.74	94.100	23.98	or 11+10log(B) = 26.99	PASS
134	5670	MCS0	14.71	14.41	19.59	91.058	23.98	or 11+10log(B) = 26.97	PASS
142	5710(U-NII 2C)	MCS0	7.56	7.36	12.49	17.739	23.98	or 11+10log(B) = 26.41	PASS
142	5710(U-NII 3)	MCS0	-1.05	-1.14	3.93	2.474	30		PASS
151	5755	MCS0	14.17	14.87	19.56	90.462	30		PASS
159	5795	MCS0	14.69	15.22	19.99	99.854	30		PASS

802.11ac_VHT80_MIMO

CH	Frequency (MHz)	Data Rate	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)		RESULT
			CH 0	CH 1					
42	5210	MCS0	9.94	10.73	16.87	48.637	23.98		PASS
58	5290	MCS0	10.85	10.26	17.08	51.071	23.98	or 11+10log(B) = 29.99	PASS
106	5530	MCS0	11.17	11.14	17.67	58.503	23.98	or 11+10log(B) = 29.98	PASS
138	5690(U-NII 2C)	MCS0	9.67	9.42	16.07	40.412	23.98	or 11+10log(B) = 29.72	PASS
138	5690(U-NII 3)	MCS0	-2.52	-2.69	3.91	2.462	30		PASS
155	5775	MCS0	12.58	12.51	19.06	80.573	30		PASS

802.11ax_HE20_MIMO

CH	Frequency (MHz)	Data Rate	RU config.	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)		RESULT
				CH 0	CH 1					
36	5180	MCS0	full	13.69	14.48	18.77	75.339	23.98		PASS
40	5200	MCS0	full	14.83	15.47	19.83	96.140	23.98		PASS
48	5240	MCS0	full	14.95	15.38	19.84	96.329	23.98		PASS
52	5260	MCS0	full	15.12	15.07	19.76	94.674	23.98	or 11+10log(B) = 24.39	PASS
60	5300	MCS0	full	15.05	15.15	19.77	94.788	23.98	or 11+10log(B) = 24.89	PASS
64	5320	MCS0	full	14.09	13.61	18.52	71.185	23.98	or 11+10log(B) = 24.31	PASS
100	5500	MCS0	full	14.81	15.74	19.97	99.245	23.98	or 11+10log(B) = 24.24	PASS
116	5580	MCS0	full	15.07	15.57	19.99	99.872	23.98	or 11+10log(B) = 24.34	PASS
140	5700	MCS0	full	15.42	15.51	20.13	103.097	23.98	or 11+10log(B) = 24.31	PASS
149	5745	MCS0	full	14.68	15.42	19.73	94.037	30		PASS
157	5785	MCS0	full	14.74	15.28	19.69	93.017	30		PASS
165	5825	MCS0	full	14.74	15.8	19.97	99.300	30		PASS

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802.11ax_HE40_MIMO

CH	Frequency (MHz)	Data Rate	RU config.	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)			RESULT
				CH 0	CH 1						
38	5190	MCS0	full	11.56	12.32	18.30	67.610	23.98			PASS
46	5230	MCS0	full	13.27	13.34	19.65	92.228	23.98			PASS
54	5270	MCS0	full	13.81	13.33	19.92	98.178	23.98	or 11+10log(B) =	26.93	PASS
62	5310	MCS0	full	12.23	11.82	18.37	68.760	23.98	or 11+10log(B) =	26.92	PASS
102	5510	MCS0	full	13.29	13.41	19.69	93.195	23.98	or 11+10log(B) =	26.92	PASS
110	5550	MCS0	full	13.38	13.41	19.74	94.157	23.98	or 11+10log(B) =	26.94	PASS
134	5670	MCS0	full	13.53	13.33	19.77	94.943	23.98	or 11+10log(B) =	26.95	PASS
151	5755	MCS0	full	13.63	13.65	19.98	99.621	30			PASS
159	5795	MCS0	full	13.73	13.41	19.92	98.094	30			PASS

802.11ax_HE80_MIMO

CH	Frequency (MHz)	Data Rate	RU config.	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)			RESULT
				CH 0	CH 1						
42	5210	MCS0	full	11.6	12.33	17.13	51.596	23.98			PASS
58	5290	MCS0	full	12.52	11.95	17.39	54.830	23.98	or 11+10log(B) =	30.01	PASS
106	5530	MCS0	full	12.98	13.01	18.14	65.176	23.98	or 11+10log(B) =	30.01	PASS
122	5610	MCS0	full	14.57	14.02	19.45	88.096	23.98	or 11+10log(B) =	29.74	PASS
155	5775	MCS0	full	14.02	13.94	19.13	81.772	30			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:

- 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.
- 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: 68.3 (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.
2. Emission level (dBμV/m) = 20 log Emission level (dBμV/m)

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7.2 Measurement Equipment Used

966 Chamber					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Horn Antenna	Schwarzbeck	BBHA9120D	1341	06/22/2020	06/21/2021
Horn Antenna	Schwarzbeck	BBHA9170	185	07/30/2020	07/29/2021
3m Site NSA	SGS	966 chamber D	N/A	07/12/2020	07/11/2021
Spectrum Analyzer	KEYSIGHT	N9010A	MY54510568	07/08/2020	07/07/2021
Pre-Amplifier	EMC Instruments	EMC184045B	980135	10/27/2020	10/26/2021
Pre-Amplifier	EMC Instruments	EMC12630SE	980271	11/19/2020	11/18/2021
High Pass Filter	R&S	F13 HPF 3GHz	RF175	11/19/2020	11/18/2021
Lowpass Filter	Woken	EWT-56-0019	RF173	11/19/2020	11/18/2021
Notch Filter	Woken	EWT-54-0038	RF178	11/19/2020	11/18/2021
Coaxial Cable	Huber Suhner	EMC106-SM-SM-7200	150703	11/19/2020	11/18/2021
Coaxial Cable	Huber Suhner	SUCOFLEX 104	MY17413/4	11/19/2020	11/18/2021

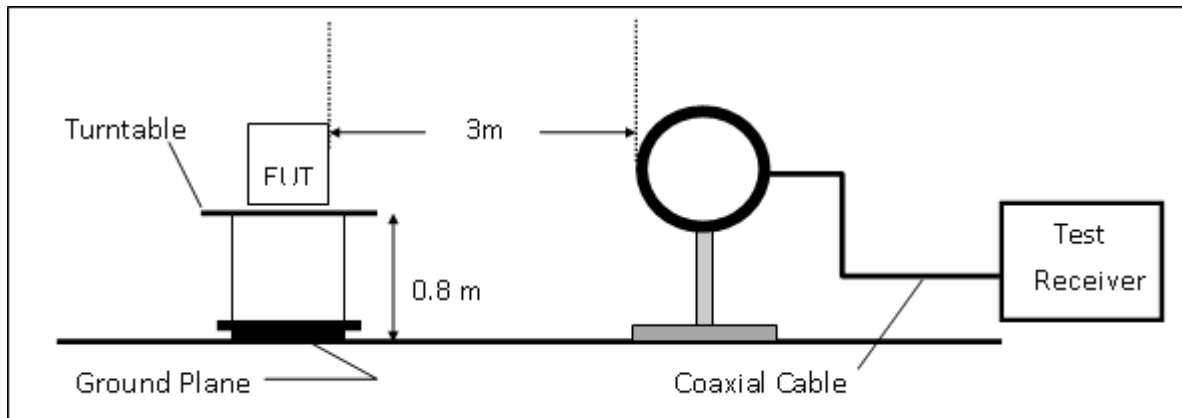
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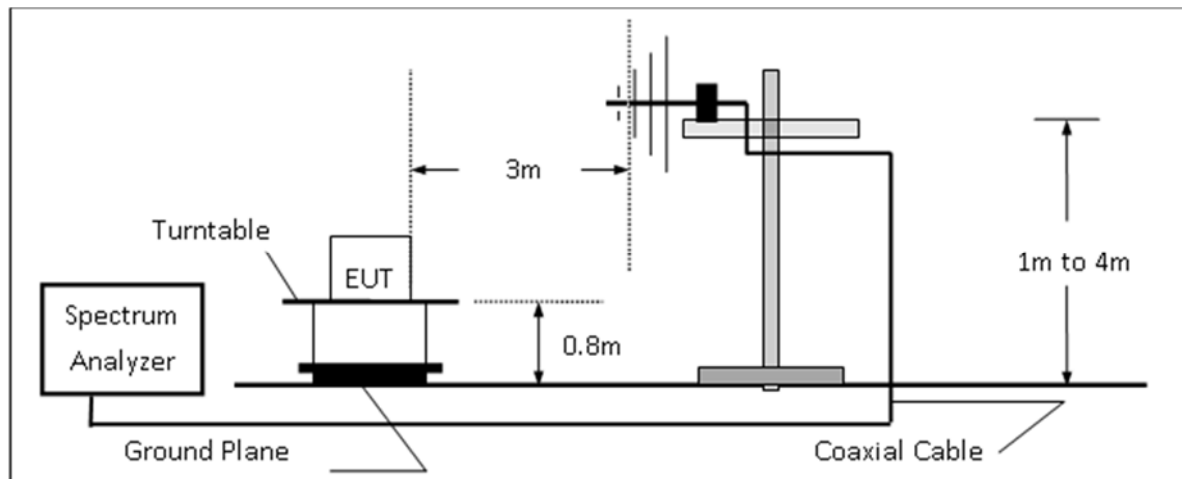
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7.3 Test SET-UP

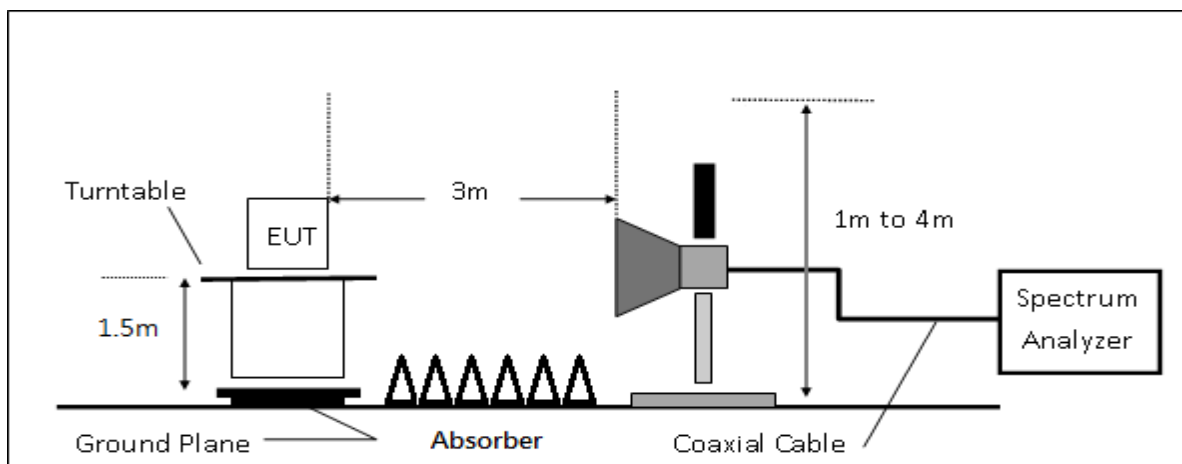
(A) Radiated Emission Test Set-UP Frequency Below 30MHz.



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



(C) Radiated Emission Test Set-UP Frequency Over 1 GHz



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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=120 kHz and VBW=300 kHz for Peak Detector (PK) and Quasi-peak (QP) at frequency below 1 GHz.
7. 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 ≥ 1/T (Duty cycle < 98%) for **Average** Detector.
8. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
9. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
10. Repeat above procedures until all frequency measured were complete.

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 form 9 KHz to 30 MHz

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit per 15.31(o) & RSS-GEN §6.13.2 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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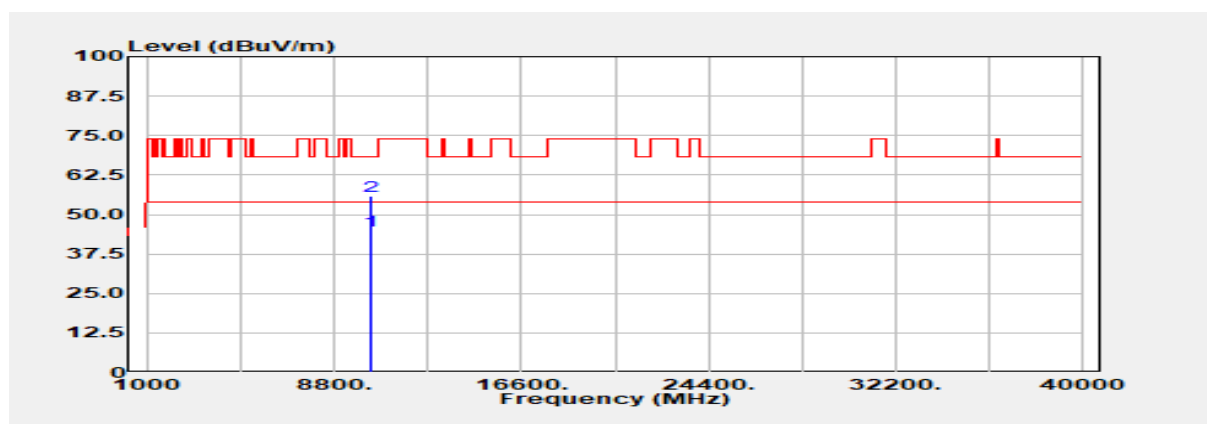
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7.7 Radiated Spurious Emission Measurement Result

7.7.1 Above 1GHz Worst-Case Data:

Report Number	:E2/2020/C0073	Test Site	:966 Chamber D
Operation Mode	:802.11a Band1	Test Date	:2021-01-19
Test Frequency	:5180 MHz	Temp./Humi.	:20.2/43
Test Mode	:TX CH LOW	Antenna Pol.	:Vertical
EUT Pol	:H Plan	Engineer	:Kailin Lee



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10360.000	Average	37.22	7.86	45.08	54.00	-8.92
10360.000	Peak	47.93	7.86	55.79	68.20	-12.41

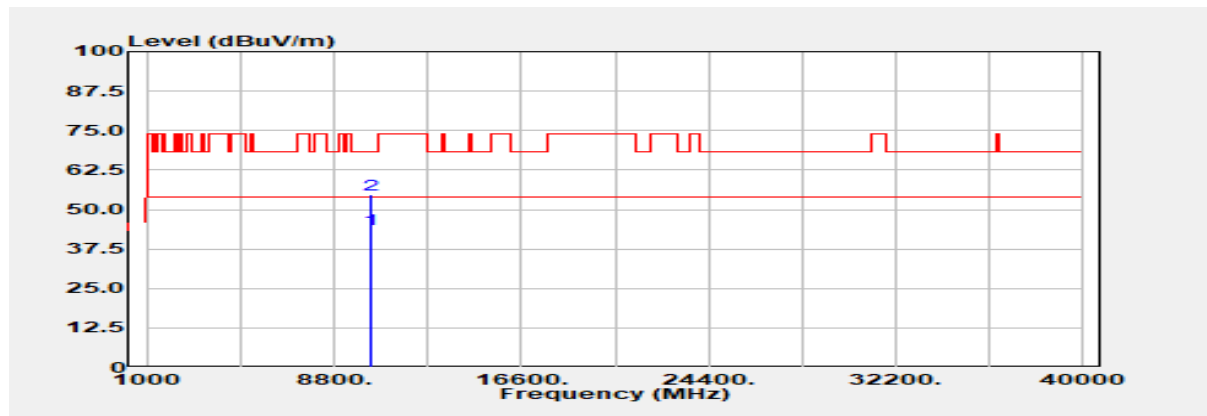
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Report Number :E2/2020/C0073
 Operation Mode :802.11a Band1
 Test Frequency :5180 MHz
 Test Mode :TX CH LOW
 EUT Pol :H Plan

Test Site :966 Chamber D
 Test Date :2021-01-19
 Temp./Humi. :20.2/43
 Antenna Pol. :Horizontal
 Engineer :Kailin Lee



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10360.000	Average	35.88	7.86	43.74	54.00	-10.26
10360.000	Peak	46.80	7.86	54.66	68.20	-13.54

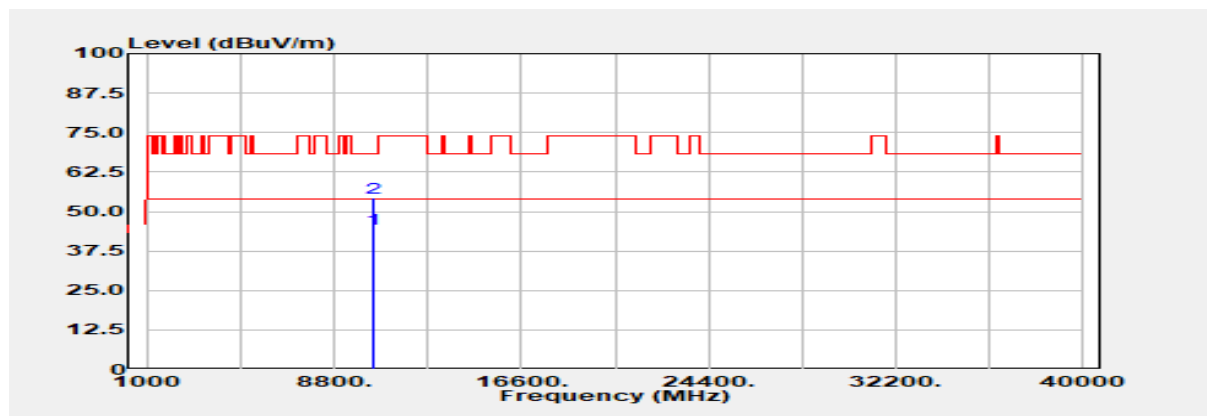
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Report Number :E2/2020/C0073
 Operation Mode :802.11a Band1
 Test Frequency :5200 MHz
 Test Mode :TX CH MID
 EUT Pol :H Plan

Test Site :966 Chamber D
 Test Date :2021-01-19
 Temp./Humi. :20.2/43
 Antenna Pol. :Vertical
 Engineer :Kailin Lee



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	Average	36.74	7.90	44.64	54.00	-9.36
10400.000	Peak	46.35	7.90	54.25	68.20	-13.95

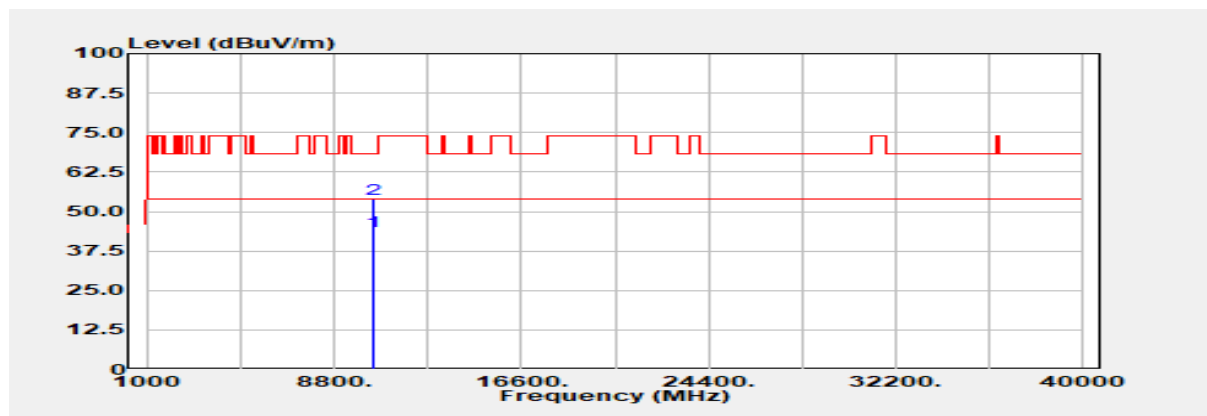
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Report Number :E2/2020/C0073
Operation Mode :802.11a Band1
Test Frequency :5200 MHz
Test Mode :TX CH MID
EUT Pol :H Plan

Test Site :966 Chamber D
Test Date :2021-01-19
Temp./Humi. :20.2/43
Antenna Pol. :Horizontal
Engineer :Kailin Lee



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	Average	35.80	7.90	43.70	54.00	-10.30
10400.000	Peak	46.12	7.90	54.02	68.20	-14.18

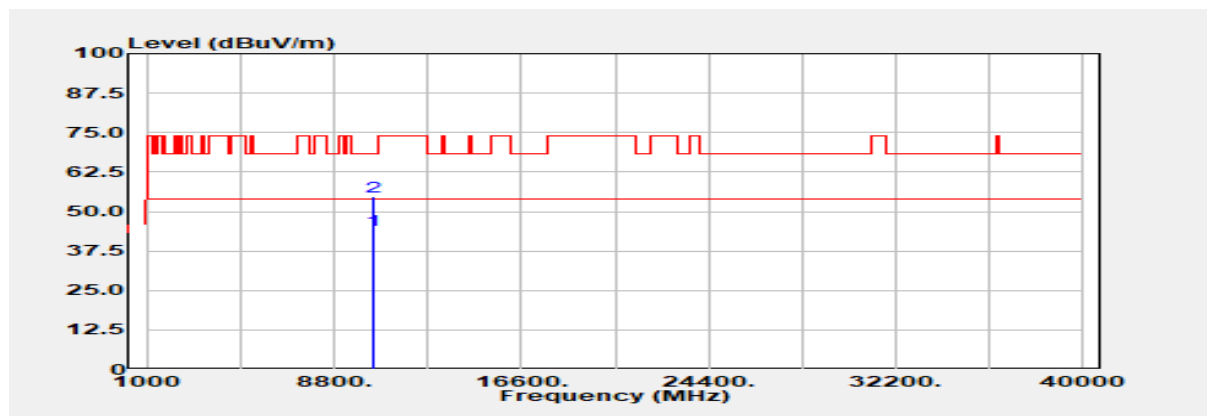
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Report Number :E2/2020/C0073
 Operation Mode :802.11a Band1
 Test Frequency :5240 MHz
 Test Mode :TX CH HIGH
 EUT Pol :H Plan

Test Site :966 Chamber D
 Test Date :2021-01-19
 Temp./Humi. :20.2/43
 Antenna Pol. :Vertical
 Engineer :Kailin Lee



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10480.000	Average	36.99	7.28	44.27	54.00	-9.73
10480.000	Peak	47.57	7.28	54.85	68.20	-13.35

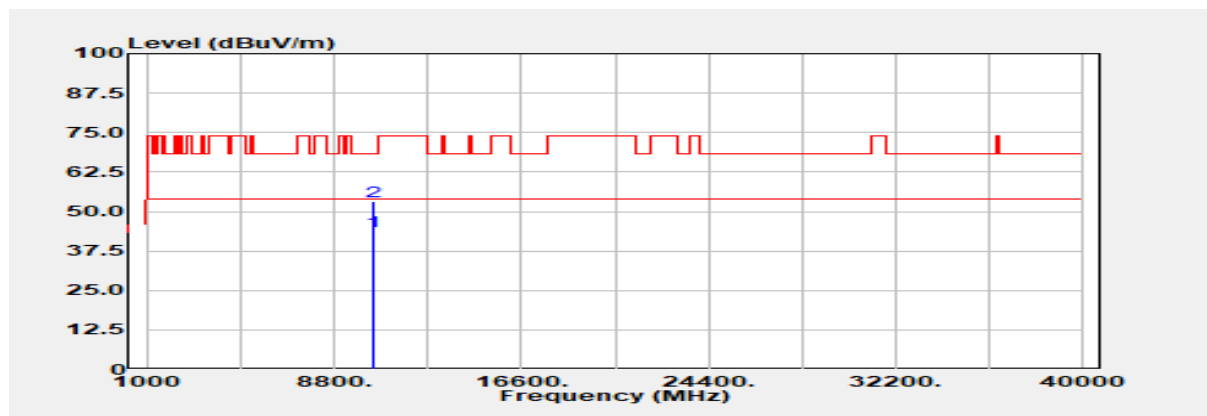
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Report Number :E2/2020/C0073
Operation Mode :802.11a Band1
Test Frequency :5240 MHz
Test Mode :TX CH HIGH
EUT Pol :H Plan

Test Site :966 Chamber D
Test Date :2021-01-19
Temp./Humi. :20.2/43
Antenna Pol. :Horizontal
Engineer :Kailin Lee



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10480.000	Average	36.68	7.28	43.96	54.00	-10.04
10480.000	Peak	45.93	7.28	53.21	68.20	-14.99

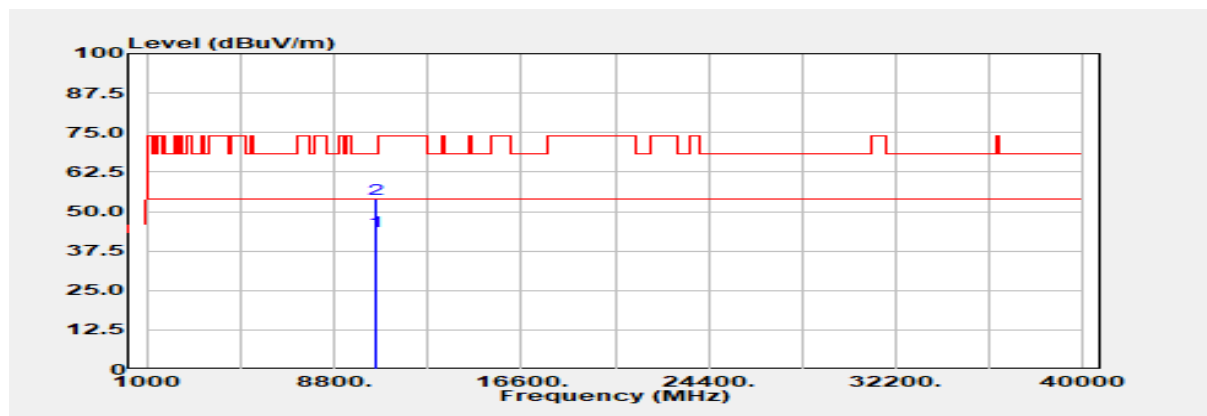
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Report Number :E2/2020/C0073
Operation Mode :802.11a Band2
Test Frequency :5260 MHz
Test Mode :TX CH LOW
EUT Pol :H Plan

Test Site :966 Chamber D
Test Date :2021-01-19
Temp./Humi. :20.2/43
Antenna Pol. :Vertical
Engineer :Kailin Lee



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10520.000	Average	36.87	6.79	43.66	54.00	-10.34
10520.000	Peak	47.26	6.79	54.05	68.20	-14.15

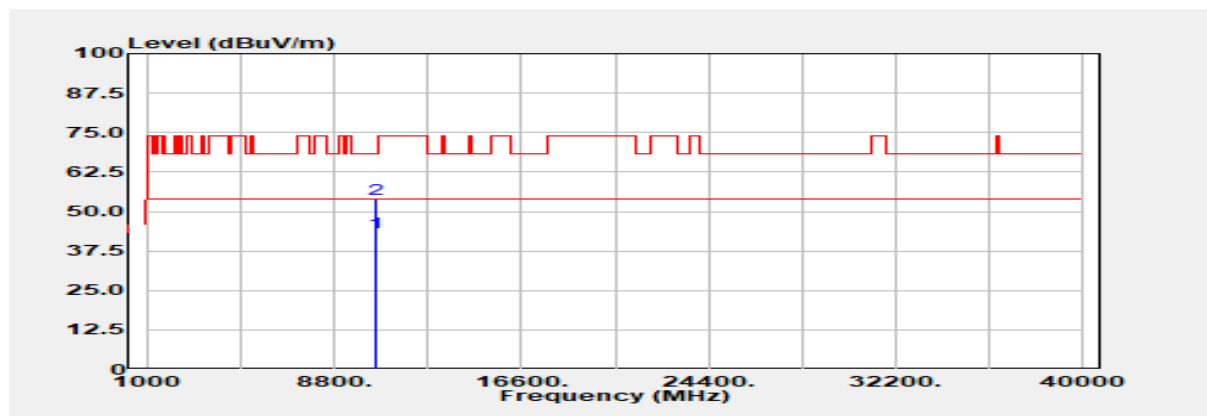
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Report Number :E2/2020/C0073
 Operation Mode :802.11a Band2
 Test Frequency :5260 MHz
 Test Mode :TX CH LOW
 EUT Pol :H Plan

Test Site :966 Chamber D
 Test Date :2021-01-19
 Temp./Humi. :20.2/43
 Antenna Pol. :Horizontal
 Engineer :Kailin Lee



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10520.000	Average	36.54	6.79	43.33	54.00	-10.67
10520.000	Peak	46.98	6.79	53.77	68.20	-14.43

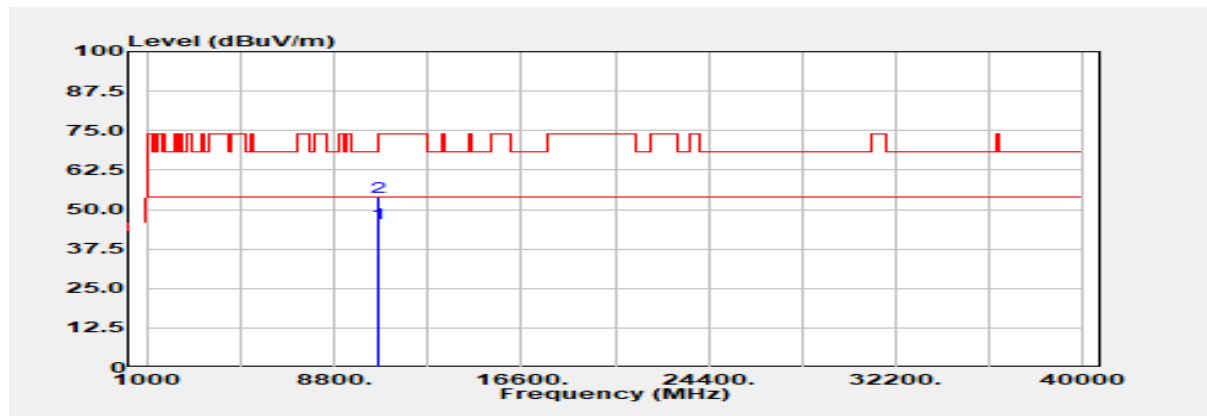
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Report Number :E2/2020/C0073
Operation Mode :802.11a Band2
Test Frequency :5300 MHz
Test Mode :TX CH MID
EUT Pol :H Plan

Test Site :966 Chamber D
Test Date :2021-01-19
Temp./Humi. :20.2/43
Antenna Pol. :Vertical
Engineer :Kailin Lee



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
10600.000	Average	38.44	7.20	45.64	54.00	-8.36
10600.000	Peak	46.78	7.20	53.98	74.00	-20.02

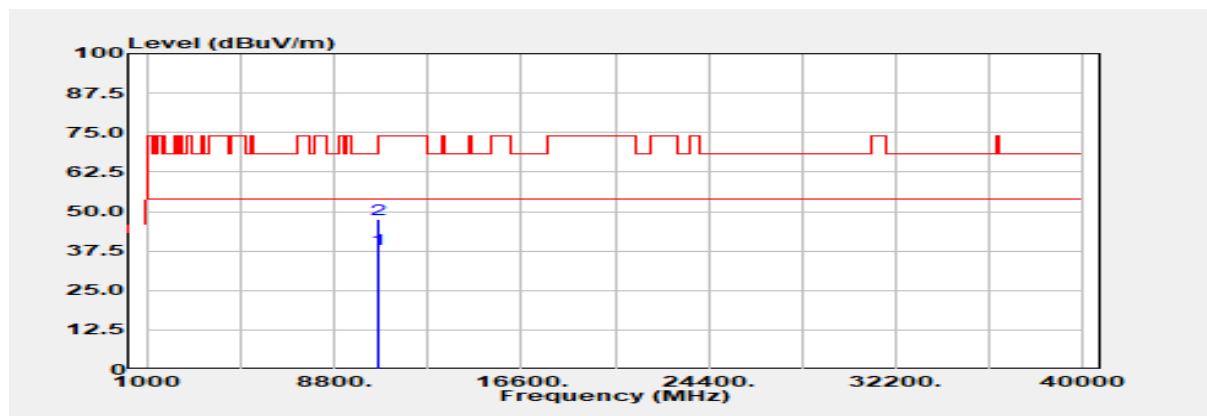
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Report Number :E2/2020/C0073
Operation Mode :802.11a Band2
Test Frequency :5300 MHz
Test Mode :TX CH MID
EUT Pol :H Plan

Test Site :966 Chamber D
Test Date :2021-01-19
Temp./Humi. :20.2/43
Antenna Pol. :Horizontal
Engineer :Kailin Lee



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10600.000	Average	30.88	7.20	38.08	54.00	-15.92
10600.000	Peak	40.29	7.20	47.49	74.00	-26.51

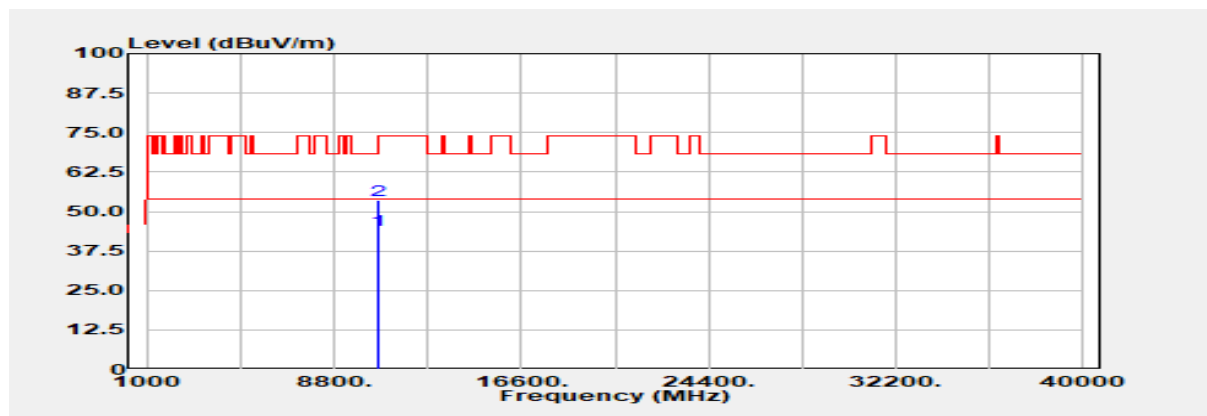
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Report Number :E2/2020/C0073
Operation Mode :802.11a Band2
Test Frequency :5320 MHz
Test Mode :TX CH HIGH
EUT Pol :H Plan

Test Site :966 Chamber D
Test Date :2021-01-19
Temp./Humi. :20.2/43
Antenna Pol. :Vertical
Engineer :Kailin Lee



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10640.000	Average	36.78	7.26	44.04	54.00	-9.96
10640.000	Peak	46.22	7.26	53.48	74.00	-20.52

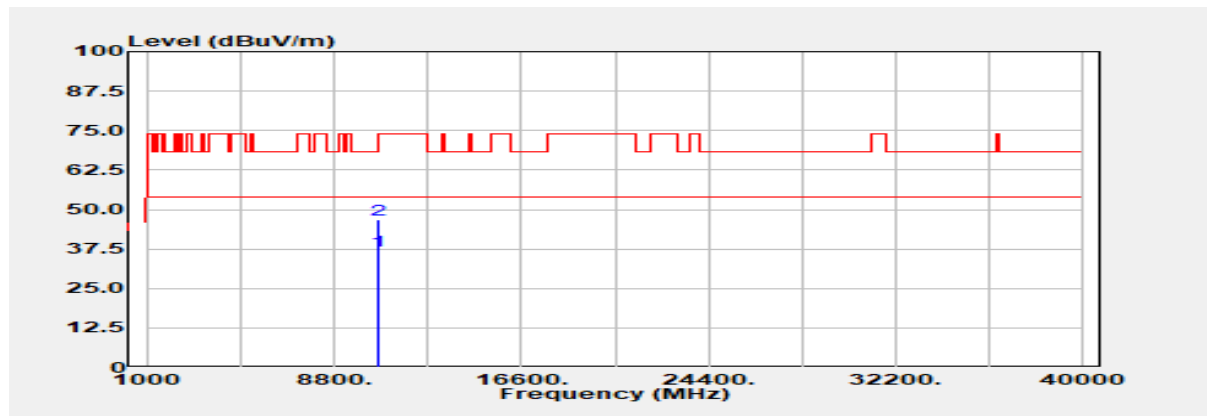
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Report Number :E2/2020/C0073
Operation Mode :802.11a Band2
Test Frequency :5320 MHz
Test Mode :TX CH HIGH
EUT Pol :H Plan

Test Site :966 Chamber D
Test Date :2021-01-19
Temp./Humi. :20.2/43
Antenna Pol. :Horizontal
Engineer :Kailin Lee



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10640.000	Average	29.85	7.26	37.11	54.00	-16.89
10640.000	Peak	39.54	7.26	46.80	74.00	-27.20

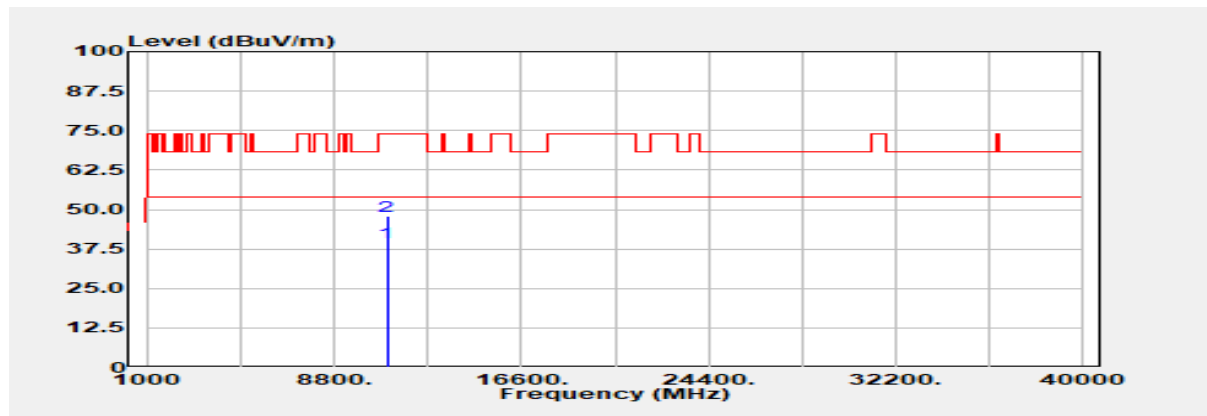
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Report Number :E2/2020/C0073
 Operation Mode :802.11a Band3
 Test Frequency :5500 MHz
 Test Mode :TX CH LOW
 EUT Pol :H Plan

Test Site :966 Chamber D
 Test Date :2021-01-19
 Temp./Humi. :20.2/43
 Antenna Pol. :Horizontal
 Engineer :Kailin Lee



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11000.000	Average	30.96	8.48	39.44	54.00	-14.56
11000.000	Peak	39.31	8.48	47.79	74.00	-26.21

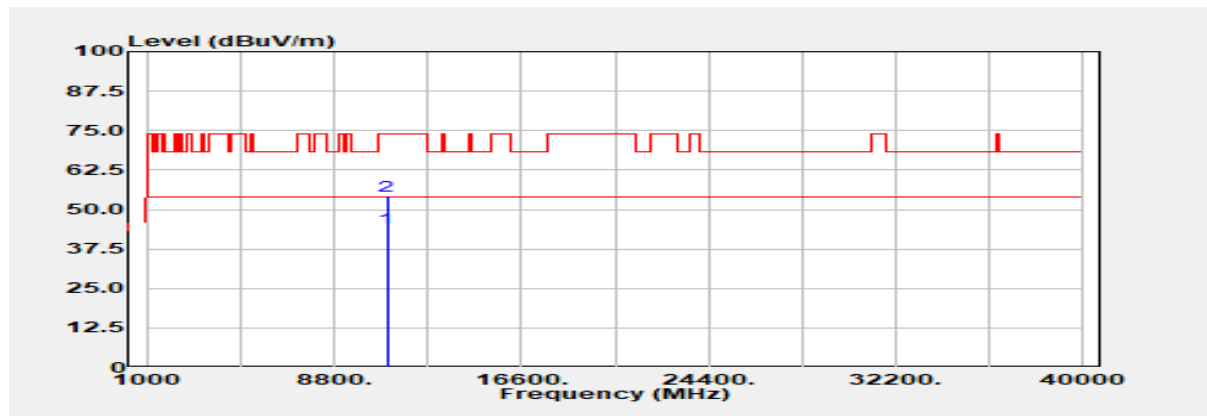
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Report Number :E2/2020/C0073
Operation Mode :802.11a Band3
Test Frequency :5500 MHz
Test Mode :TX CH LOW
EUT Pol :H Plan

Test Site :966 Chamber D
Test Date :2021-01-19
Temp./Humi. :20.2/43
Antenna Pol. :Vertical
Engineer :Kailin Lee



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11000.000	Average	35.60	8.48	44.08	54.00	-9.92
11000.000	Peak	45.69	8.48	54.17	74.00	-19.83

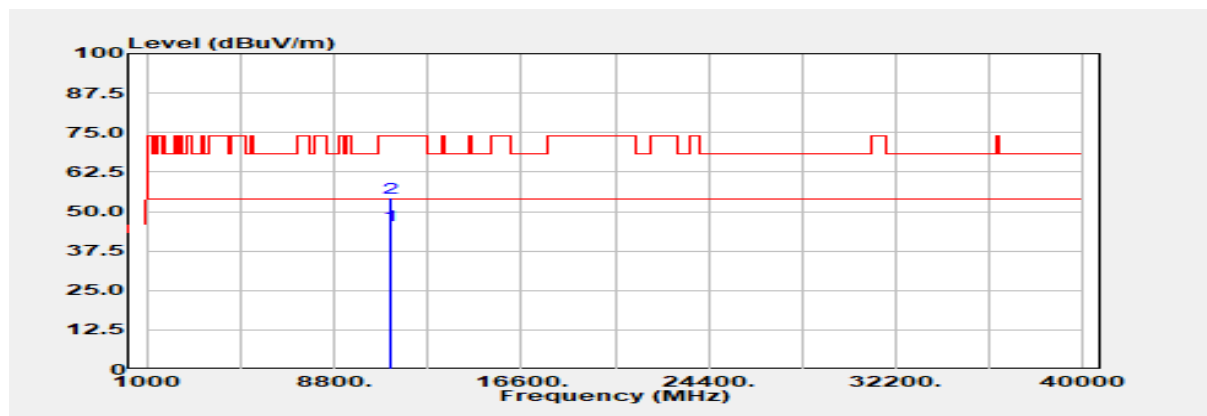
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Report Number :E2/2020/C0073
Operation Mode :802.11a Band3
Test Frequency :5580 MHz
Test Mode :TX CH MID
EUT Pol :H Plan

Test Site :966 Chamber D
Test Date :2021-01-19
Temp./Humi. :20.2/43
Antenna Pol. :Vertical
Engineer :Kailin Lee



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	37.70	7.85	45.55	54.00	-8.45
11160.000	Peak	46.50	7.85	54.35	74.00	-19.65

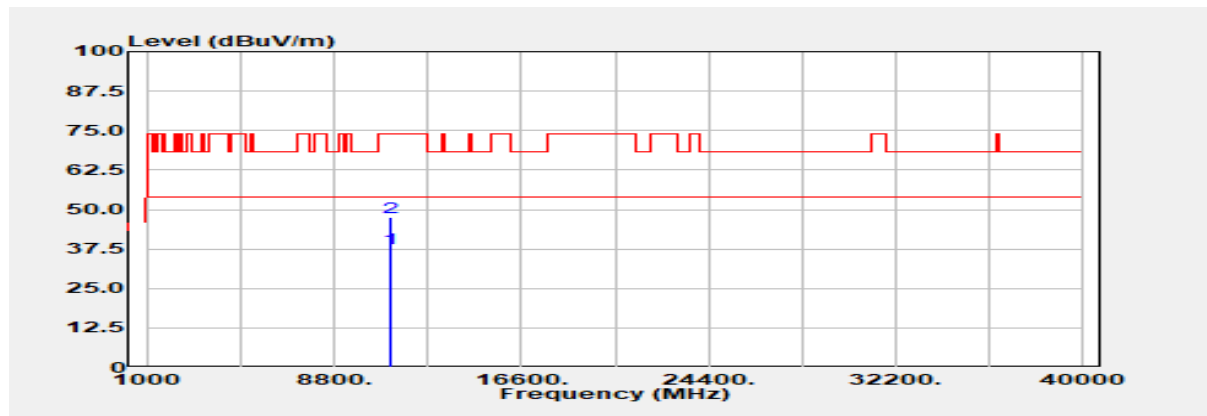
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Report Number :E2/2020/C0073
Operation Mode :802.11a Band3
Test Frequency :5580 MHz
Test Mode :TX CH MID
EUT Pol :H Plan

Test Site :966 Chamber D
Test Date :2021-01-19
Temp./Humi. :20.2/43
Antenna Pol. :Horizontal
Engineer :Kailin Lee



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	29.75	7.85	37.61	54.00	-16.39
11160.000	Peak	39.63	7.85	47.48	74.00	-26.52

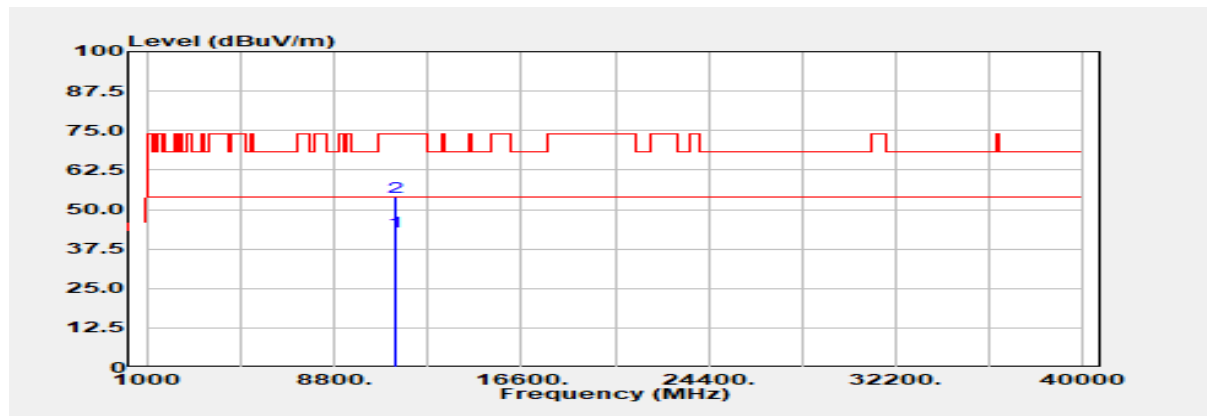
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Report Number :E2/2020/C0073
Operation Mode :802.11a Band3
Test Frequency :5700 MHz
Test Mode :TX CH HIGH
EUT Pol :H Plan

Test Site :966 Chamber D
Test Date :2021-01-19
Temp./Humi. :20.2/43
Antenna Pol. :Vertical
Engineer :Kailin Lee



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11400.000	Average	34.60	8.45	43.05	54.00	-10.95
11400.000	Peak	45.40	8.45	53.85	74.00	-20.15

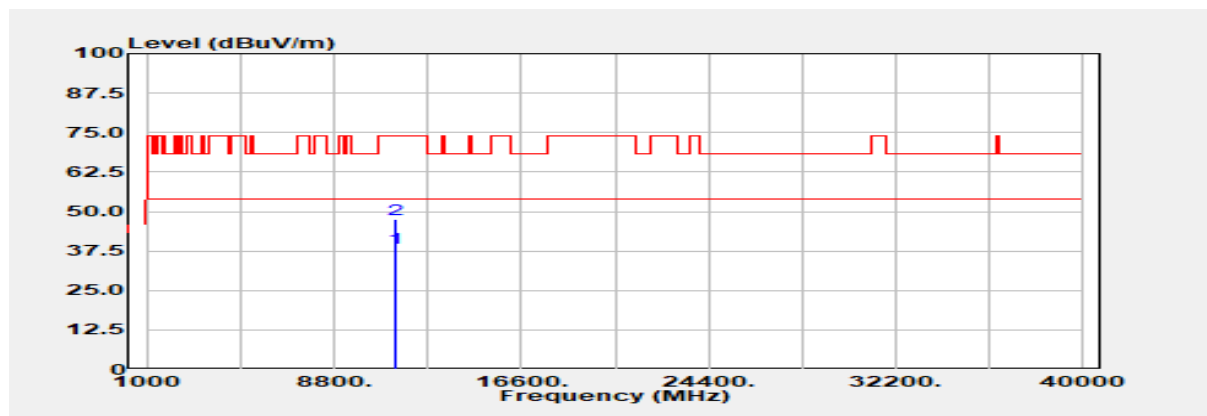
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Report Number :E2/2020/C0073
Operation Mode :802.11a Band3
Test Frequency :5700 MHz
Test Mode :TX CH HIGH
EUT Pol :H Plan

Test Site :966 Chamber D
Test Date :2021-01-19
Temp./Humi. :20.2/43
Antenna Pol. :Horizontal
Engineer :Kailin Lee



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11400.000	Average	29.87	8.45	38.32	54.00	-15.68
11400.000	Peak	39.17	8.45	47.62	74.00	-26.38

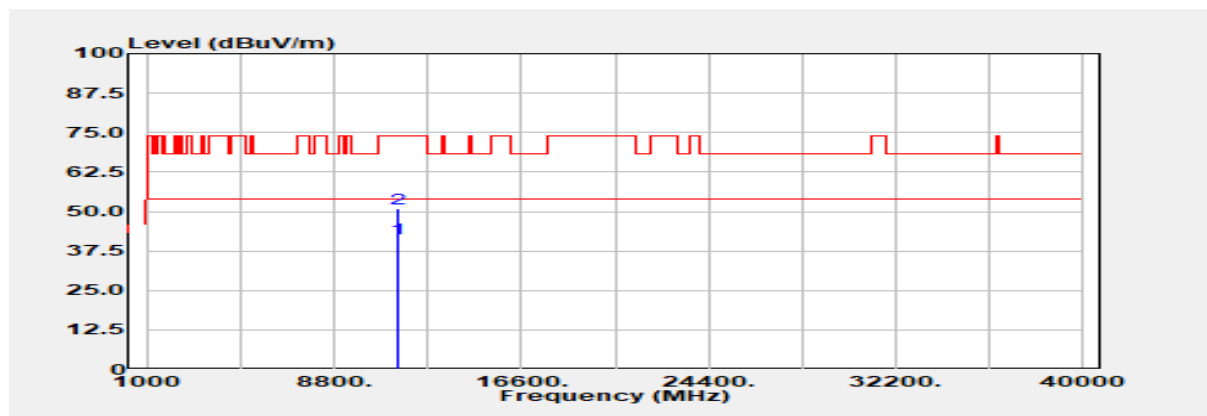
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Report Number :E2/2020/C0073
 Operation Mode :802.11a Band4
 Test Frequency :5745 MHz
 Test Mode :TX CH LOW
 EUT Pol :H Plan

Test Site :966 Chamber D
 Test Date :2021-01-19
 Temp./Humi. :20.2/43
 Antenna Pol. :Vertical
 Engineer :Kailin Lee



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
11490.000	Average	32.58	8.99	41.57	54.00	-12.43
11490.000	Peak	42.11	8.99	51.10	74.00	-22.90

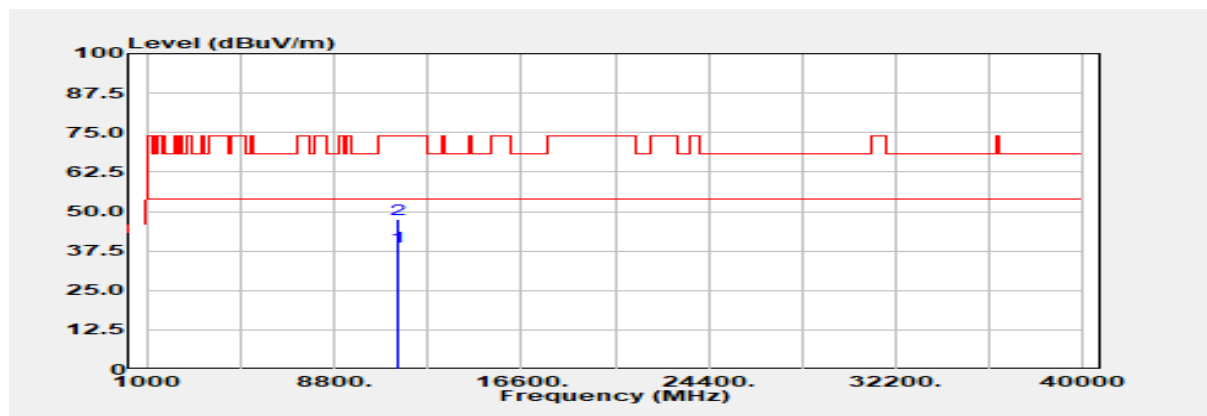
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Report Number :E2/2020/C0073
Operation Mode :802.11a Band4
Test Frequency :5745 MHz
Test Mode :TX CH LOW
EUT Pol :H Plan

Test Site :966 Chamber D
Test Date :2021-01-19
Temp./Humi. :20.2/43
Antenna Pol. :Horizontal
Engineer :Kailin Lee



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11490.000	Average	29.87	8.99	38.86	54.00	-15.14
11490.000	Peak	38.67	8.99	47.66	74.00	-26.34

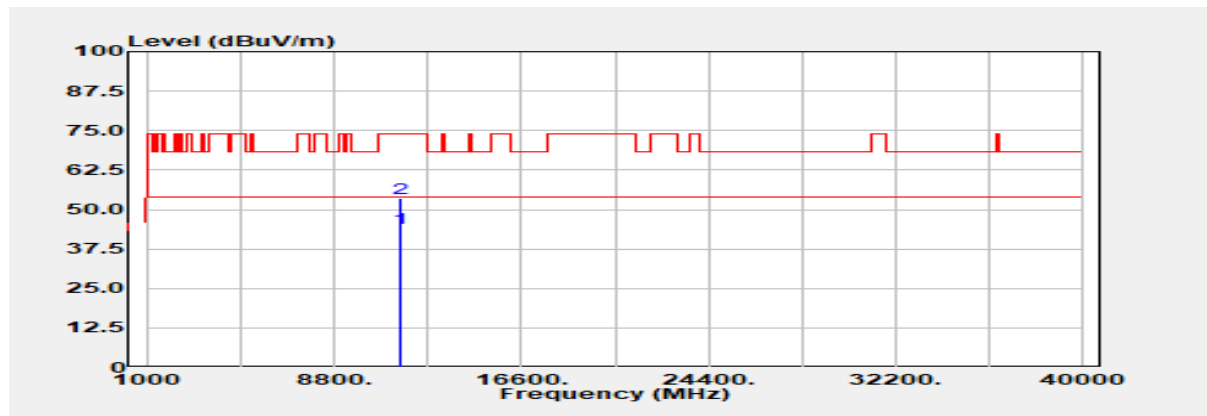
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Report Number :E2/2020/C0073
 Operation Mode :802.11a Band4
 Test Frequency :5785 MHz
 Test Mode :TX CH MID
 EUT Pol :H Plan

Test Site :966 Chamber D
 Test Date :2021-01-19
 Temp./Humi. :20.2/43
 Antenna Pol. :Vertical
 Engineer :Kailin Lee



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	35.67	8.65	44.32	54.00	-9.68
11570.000	Peak	44.79	8.65	53.44	74.00	-20.56

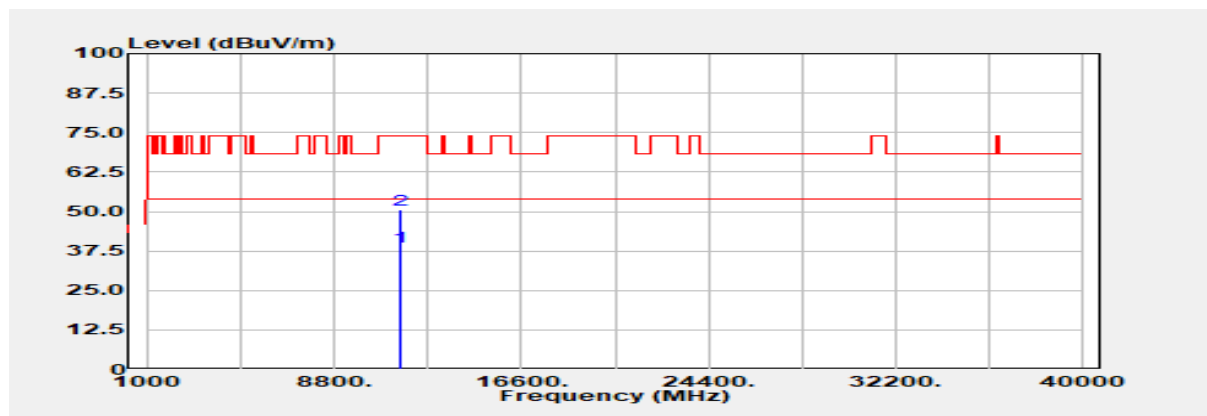
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Report Number :E2/2020/C0073
Operation Mode :802.11a Band4
Test Frequency :5785 MHz
Test Mode :TX CH MID
EUT Pol :H Plan

Test Site :966 Chamber D
Test Date :2021-01-19
Temp./Humi. :20.2/43
Antenna Pol. :Horizontal
Engineer :Kailin Lee



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	30.16	8.65	38.80	54.00	-15.20
11570.000	Peak	41.78	8.65	50.43	74.00	-23.57

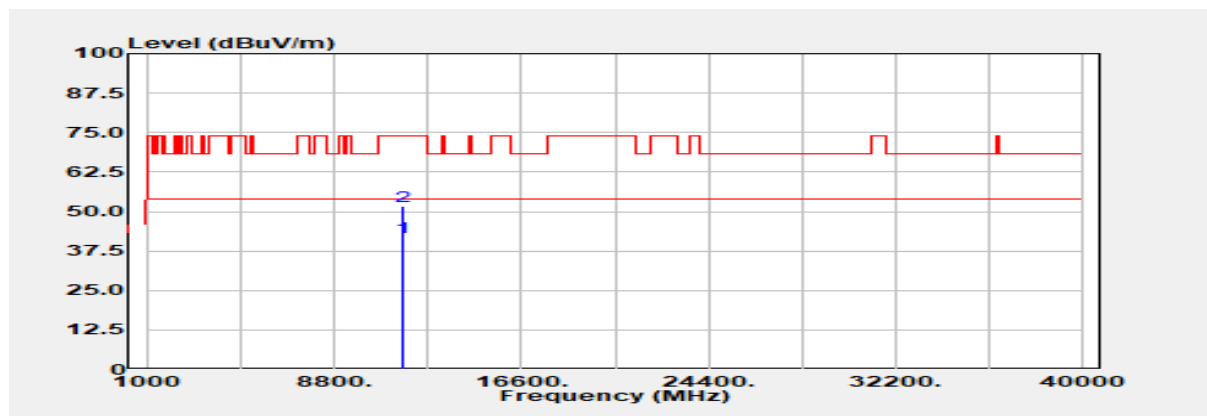
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Report Number :E2/2020/C0073
Operation Mode :802.11a Band4
Test Frequency :5825 MHz
Test Mode :TX CH HIGH
EUT Pol :H Plan

Test Site :966 Chamber D
Test Date :2021-01-19
Temp./Humi. :20.2/43
Antenna Pol. :Vertical
Engineer :Kailin Lee



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11650.000	Average	33.75	8.07	41.82	54.00	-12.18
11650.000	Peak	43.58	8.07	51.65	74.00	-22.35

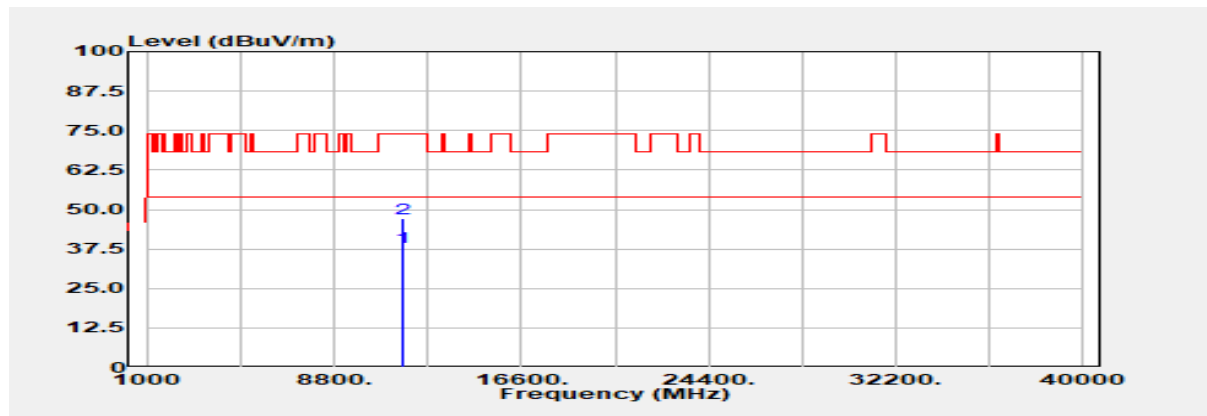
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Report Number :E2/2020/C0073
Operation Mode :802.11a Band4
Test Frequency :5825 MHz
Test Mode :TX CH HIGH
EUT Pol :H Plan

Test Site :966 Chamber D
Test Date :2021-01-19
Temp./Humi. :20.2/43
Antenna Pol. :Horizontal
Engineer :Kailin Lee



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
11650.000	Average	29.86	8.07	37.93	54.00	-16.07
11650.000	Peak	39.19	8.07	47.27	74.00	-26.73

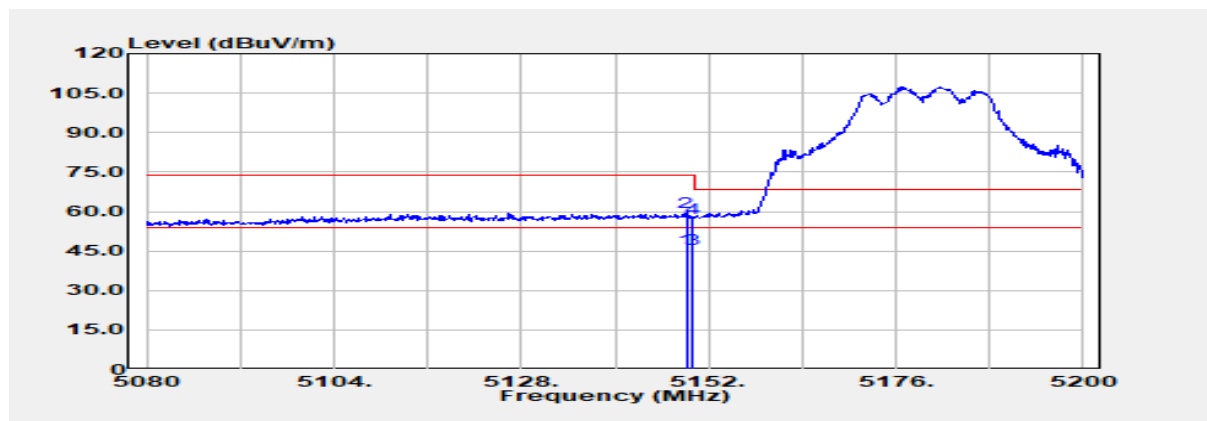
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7.7.2 Band edge falling to restricted band

Report Number	:E2/2020/C0073	Test Site	:966 Chamber D
Operation Mode	:802.11a Band1	Test Date	:2021-01-14
Test Frequency	:5180 MHz	Temp./Humi.	:19.2/52
Test Mode	:BE CH LOW	Antenna Pol.	:Vertical
EUT Pol	:NB plan	Engineer	:Andy Wang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5149.120	Average	48.02	-2.42	45.60	54.00	-8.40
5149.120	Peak	62.12	-2.42	59.71	74.00	-14.29
5150.000	Average	48.21	-2.43	45.78	54.00	-8.22
5150.000	Peak	59.83	-2.43	57.41	74.00	-16.59

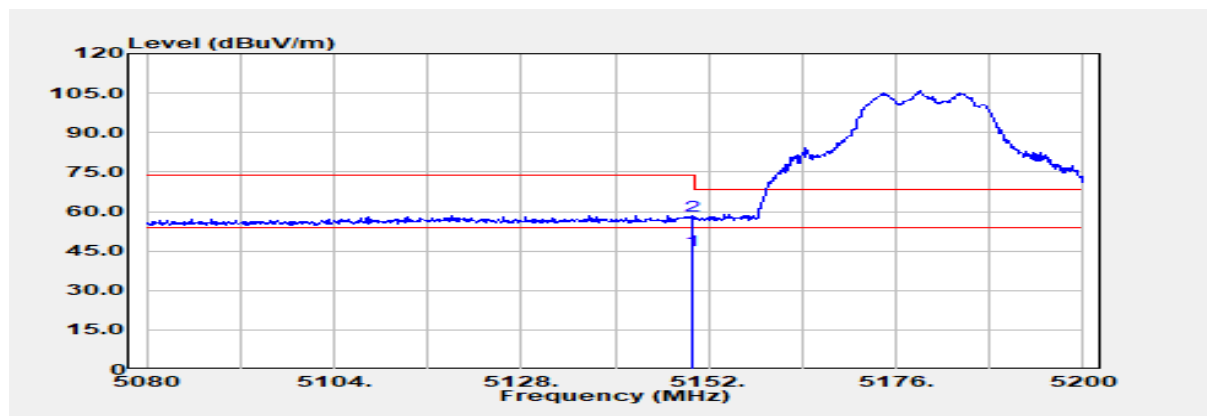
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Report Number :E2/2020/C0073
Operation Mode :802.11a Band1
Test Frequency :5180 MHz
Test Mode :BE CH LOW
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-14
Temp./Humi. :19.2/52
Antenna Pol. :Horizontal
Engineer :Andy Wang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5150.000	Average	47.88	-2.43	45.45	54.00	-8.55
5150.000	Peak	60.96	-2.43	58.53	74.00	-15.47

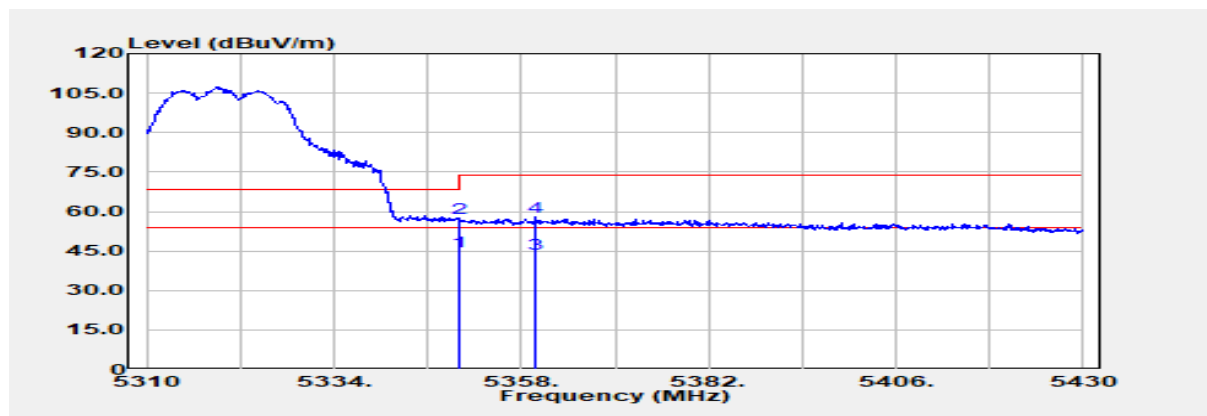
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Report Number :E2/2020/C0073
Operation Mode :802.11a Band2
Test Frequency :5320 MHz
Test Mode :BE CH HIGH
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-14
Temp./Humi. :19.2/52
Antenna Pol. :Vertical
Engineer :Andy Wang



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	47.39	-2.76	44.63	54.00	-9.37
5350.000	Peak	60.09	-2.76	57.33	74.00	-16.67
5359.920	Average	47.31	-3.19	44.11	54.00	-9.89
5359.920	Peak	61.08	-3.19	57.89	74.00	-16.11

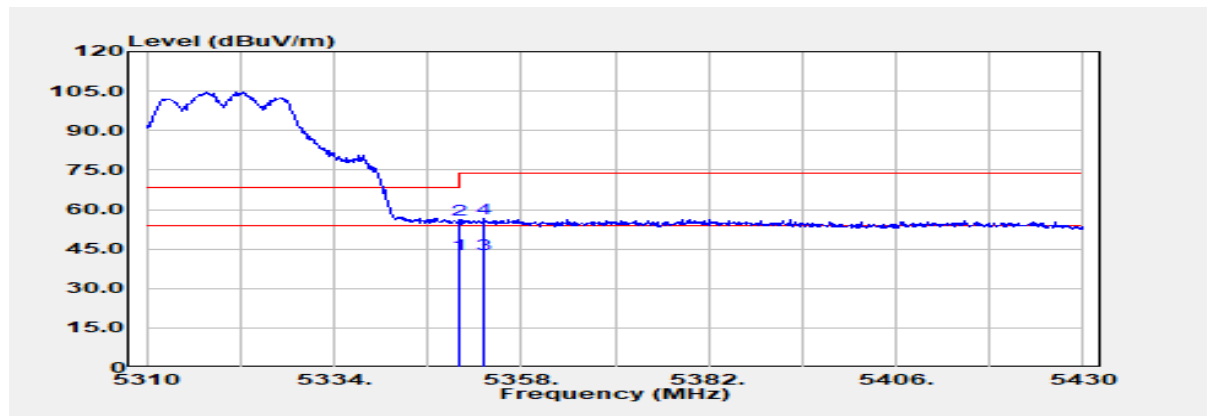
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Report Number :E2/2020/C0073
Operation Mode :802.11a Band2
Test Frequency :5320 MHz
Test Mode :BE CH HIGH
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-14
Temp./Humi. :19.2/52
Antenna Pol. :Horizontal
Engineer :Andy Wang



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	45.72	-2.76	42.95	54.00	-11.05
5350.000	Peak	58.92	-2.76	56.16	74.00	-17.84
5353.200	Average	45.96	-2.90	43.06	54.00	-10.94
5353.200	Peak	59.42	-2.90	56.52	74.00	-17.48

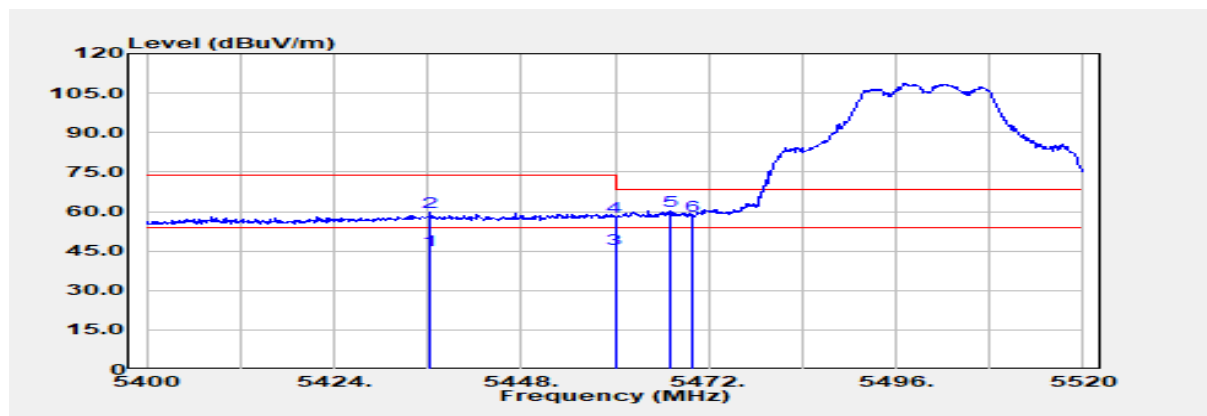
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Report Number :E2/2020/C0073
Operation Mode :802.11a Band3
Test Frequency :5500 MHz
Test Mode :BE CH LOW
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-14
Temp./Humi. :19.2/52
Antenna Pol. :Vertical
Engineer :Andy Wang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5436.360	Average	47.82	-2.47	45.35	54.00	-8.65
5436.360	Peak	62.02	-2.47	59.56	74.00	-14.44
5460.000	Average	48.04	-2.18	45.86	54.00	-8.14
5460.000	Peak	60.11	-2.18	57.92	74.00	-16.08
5467.080	Peak	62.55	-2.30	60.25	68.20	-7.95
5470.000	Peak	60.55	-2.35	58.20	68.20	-10.00

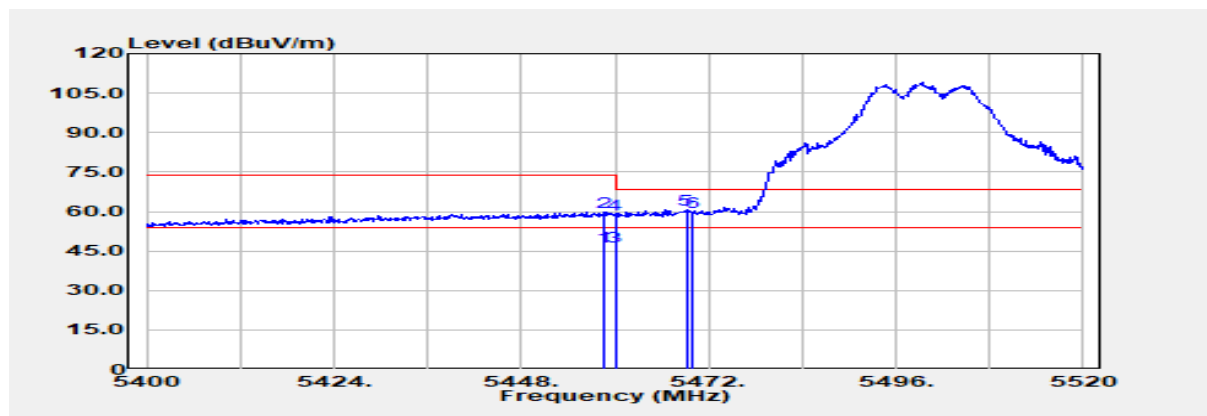
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Report Number :E2/2020/C0073
Operation Mode :802.11a Band3
Test Frequency :5500 MHz
Test Mode :BE CH LOW
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-14
Temp./Humi. :19.2/52
Antenna Pol. :Horizontal
Engineer :Andy Wang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5458.680	Average	48.64	-2.21	46.43	54.00	-7.57
5458.680	Peak	62.14	-2.21	59.93	74.00	-14.07
5460.000	Average	48.82	-2.18	46.64	54.00	-7.36
5460.000	Peak	61.16	-2.18	58.98	74.00	-15.02
5469.120	Peak	63.14	-2.33	60.81	68.20	-7.39
5470.000	Peak	61.92	-2.35	59.57	68.20	-8.63

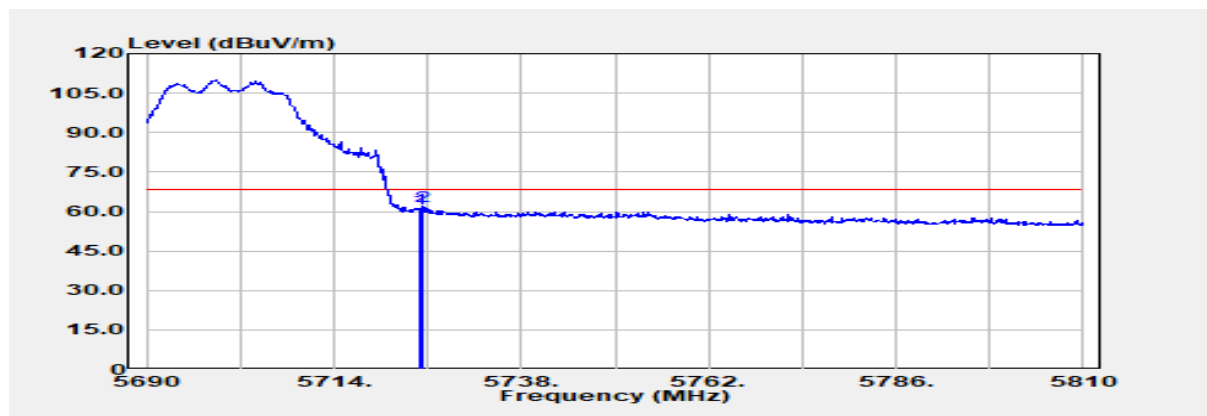
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Report Number :E2/2020/C0073
Operation Mode :802.11a Band3
Test Frequency :5700 MHz
Test Mode :BE CH HIGH
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-14
Temp./Humi. :19.2/52
Antenna Pol. :Vertical
Engineer :Andy Wang



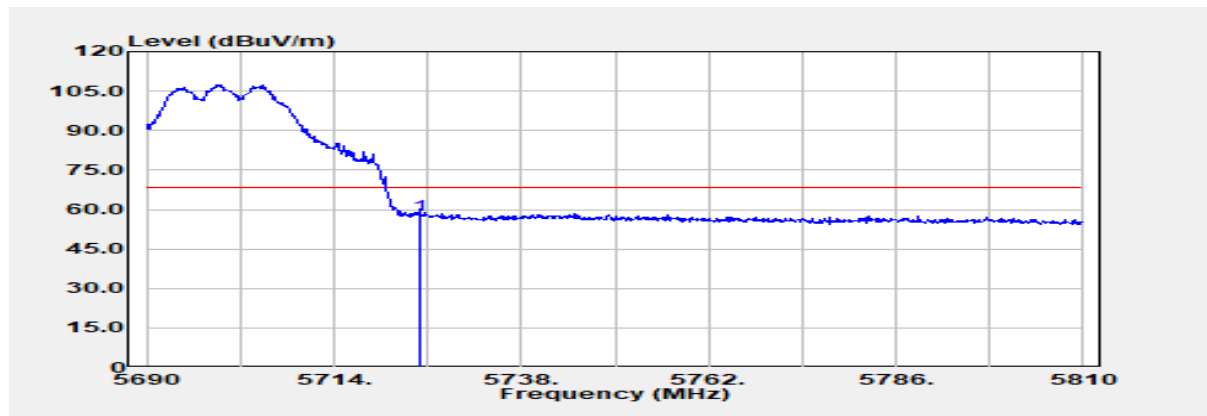
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	62.88	-1.98	60.91	68.20	-7.29
5725.280	Peak	63.87	-1.99	61.88	68.20	-6.32

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Report Number	:E2/2020/C0073	Test Site	:966 Chamber D
Operation Mode	:802.11a Band3	Test Date	:2021-01-14
Test Frequency	:5700 MHz	Temp./Humi.	:19.2/52
Test Mode	:BE CH HIGH	Antenna Pol.	:Horizontal
EUT Pol	:NB plan	Engineer	:Andy Wang



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	59.73	-1.98	57.75	68.20	-10.45

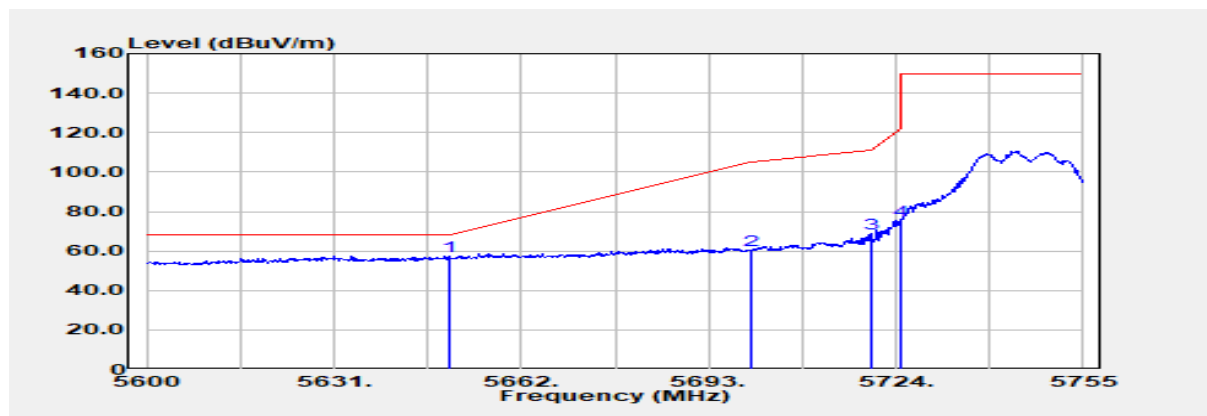
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Report Number :E2/2020/C0073
 Operation Mode :802.11a Band3
 Test Frequency :5745 MHz
 Test Mode :BE CH LOW
 EUT Pol :NB plan

Test Site :966 Chamber D
 Test Date :2021-01-14
 Temp./Humi. :19.2/52
 Antenna Pol. :Vertical
 Engineer :Andy Wang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5650.000	Peak	59.26	-2.00	57.26	68.20	-10.94
5700.000	Peak	62.64	-2.17	60.47	105.20	-44.73
5720.000	Peak	70.66	-1.70	68.96	110.80	-41.84
5725.000	Peak	77.18	-1.98	75.20	122.20	-47.00

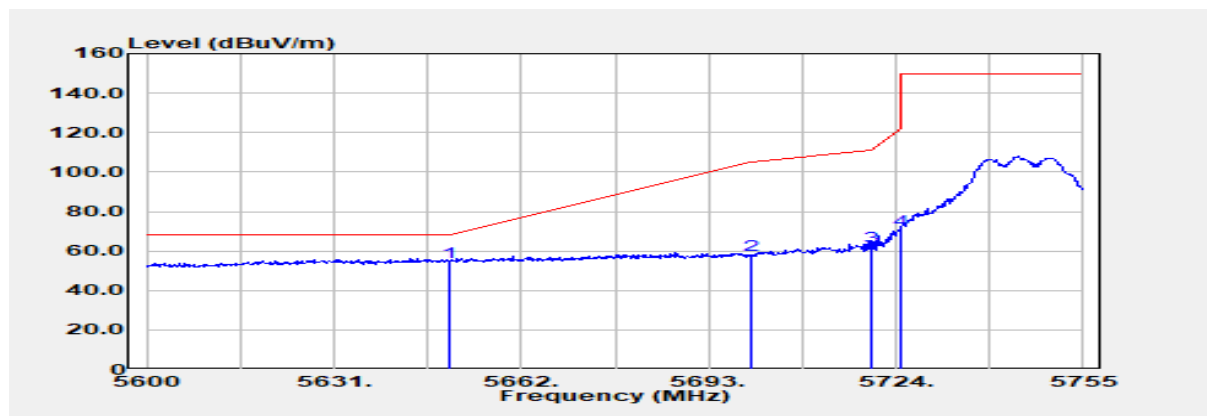
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Report Number :E2/2020/C0073
Operation Mode :802.11a Band3
Test Frequency :5745 MHz
Test Mode :BE CH LOW
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-14
Temp./Humi. :19.2/52
Antenna Pol. :Horizontal
Engineer :Andy Wang



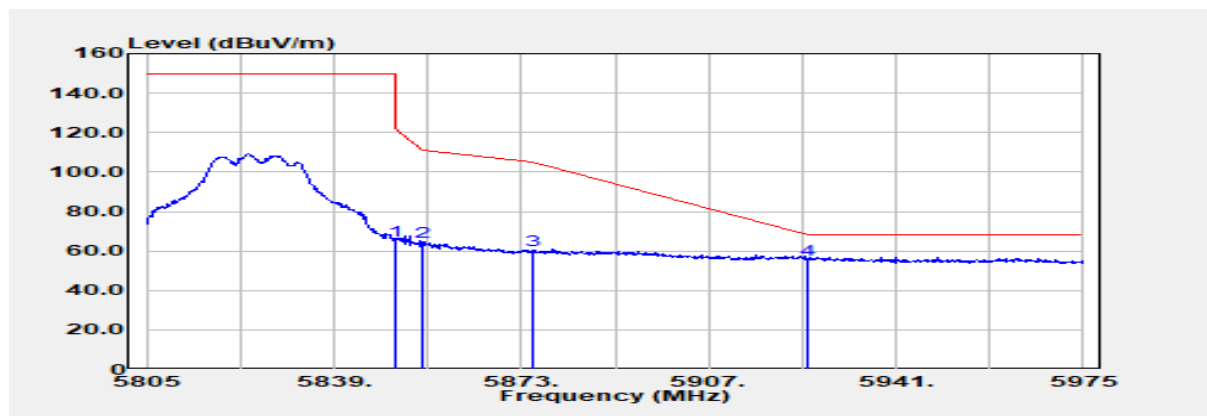
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.000	Peak	56.14	-2.00	54.14	68.20	-14.06
5700.000	Peak	60.20	-2.17	58.03	105.20	-47.17
5720.000	Peak	63.69	-1.70	61.99	110.80	-48.81
5725.000	Peak	72.61	-1.98	70.63	122.20	-51.57

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Report Number	:E2/2020/C0073	Test Site	:966 Chamber D
Operation Mode	:802.11a Band4	Test Date	:2021-01-15
Test Frequency	:5825 MHz	Temp./Humi.	:19.4/53
Test Mode	:BE CH HIGH	Antenna Pol.	:Vertical
EUT Pol	:NB plan	Engineer	:Andy Wang



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	66.51	-1.57	64.94	122.20	-57.26
5855.000	Peak	66.04	-1.42	64.62	110.80	-46.18
5875.000	Peak	61.57	-1.42	60.15	105.20	-45.05
5925.000	Peak	56.76	-0.99	55.77	68.20	-12.43

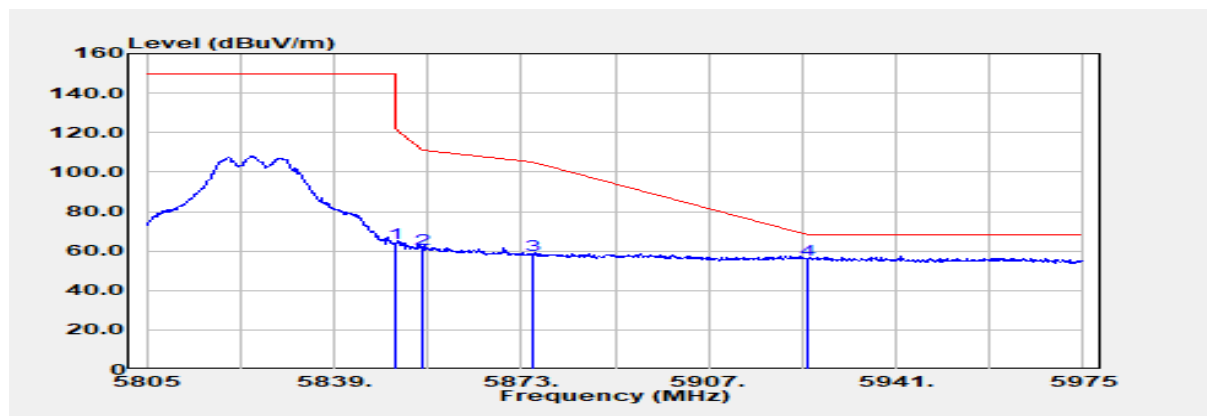
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Report Number :E2/2020/C0073
Operation Mode :802.11a Band4
Test Frequency :5825 MHz
Test Mode :BE CH HIGH
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-15
Temp./Humi. :19.4/53
Antenna Pol. :Horizontal
Engineer :Andy Wang



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	-1.57	63.89	122.20	-58.31
5855.000	Peak	62.69	-1.42	61.27	110.80	-49.53
5875.000	Peak	59.18	-1.42	57.76	105.20	-47.44
5925.000	Peak	56.78	-0.99	55.79	68.20	-12.41

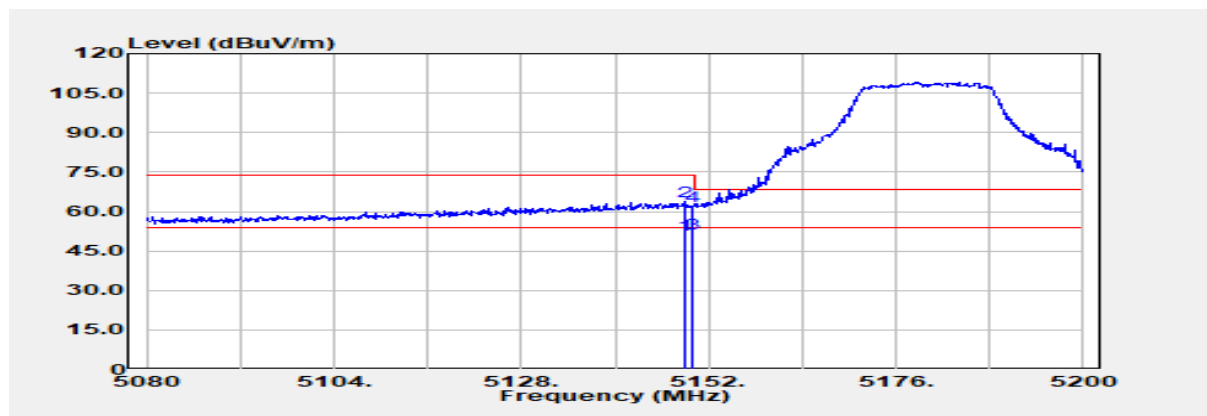
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Report Number :E2/2020/C0073
Operation Mode :802.11ac20 Band1
Test Frequency :5180 MHz
Test Mode :BE CH LOW
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-07
Temp./Humi. :20.2/68
Antenna Pol. :Vertical
Engineer :Andy Wang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5148.880	Average	53.71	-2.41	51.30	54.00	-2.70
5148.880	Peak	66.44	-2.41	64.02	74.00	-9.98
5150.000	Average	53.85	-2.43	51.42	54.00	-2.58
5150.000	Peak	64.59	-2.43	62.16	74.00	-11.84

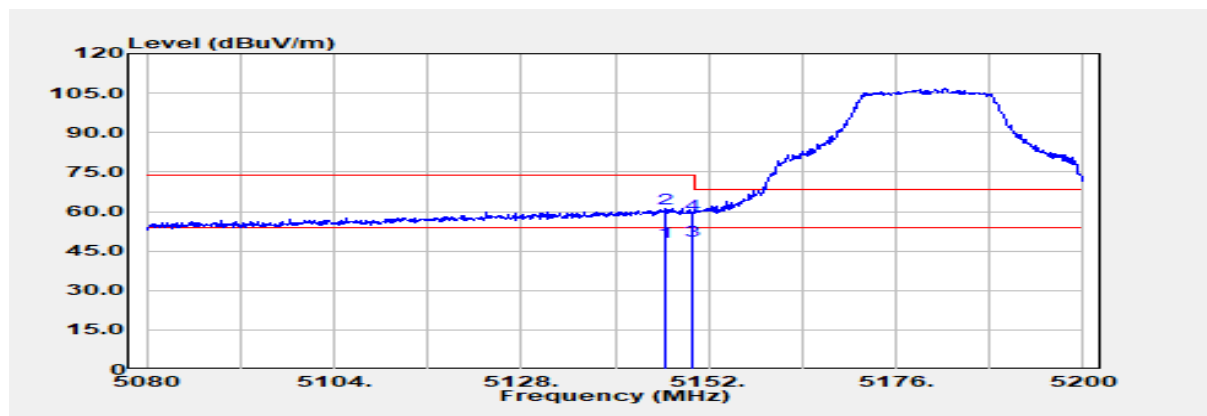
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Report Number :E2/2020/C0073
Operation Mode :802.11ac20 Band1
Test Frequency :5180 MHz
Test Mode :BE CH LOW
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-07
Temp./Humi. :20.2/68
Antenna Pol. :Horizontal
Engineer :Andy Wang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5146.480	Average	50.67	-2.38	48.30	54.00	-5.70
5146.480	Peak	63.57	-2.38	61.20	74.00	-12.80
5150.000	Average	51.20	-2.43	48.77	54.00	-5.23
5150.000	Peak	61.50	-2.43	59.07	74.00	-14.93

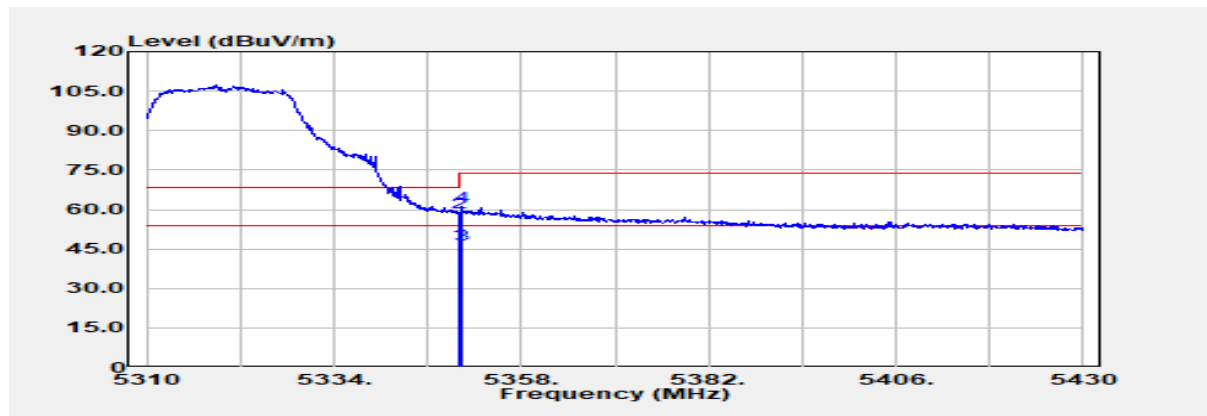
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Report Number :E2/2020/C0073
Operation Mode :802.11ac20 Band2
Test Frequency :5320 MHz
Test Mode :BE CH HIGH
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-07
Temp./Humi. :20.2/68
Antenna Pol. :Vertical
Engineer :Andy Wang



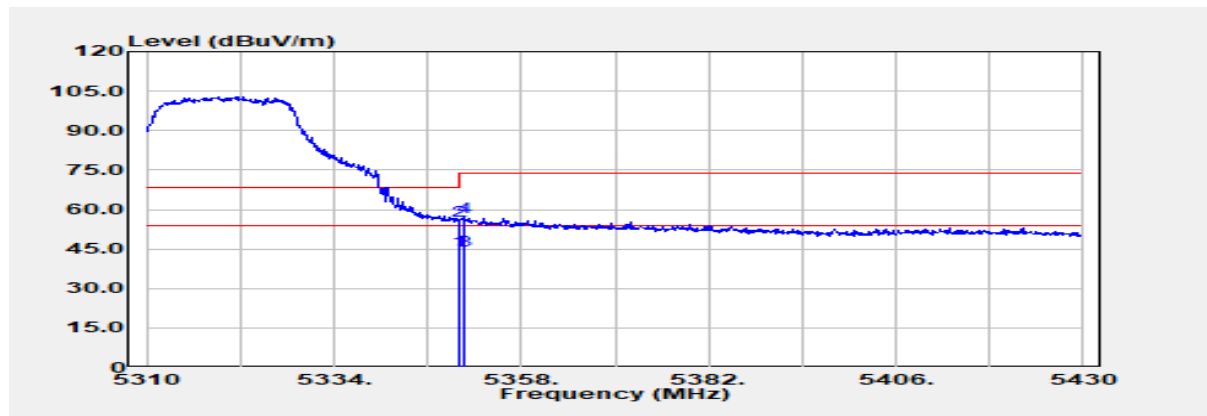
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	49.80	-2.76	47.04	54.00	-6.96
5350.000	Peak	61.83	-2.76	59.07	74.00	-14.93
5350.320	Average	49.60	-2.78	46.82	54.00	-7.18
5350.320	Peak	63.74	-2.78	60.96	74.00	-13.04

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Report Number	:E2/2020/C0073	Test Site	:966 Chamber D
Operation Mode	:802.11ac20 Band2	Test Date	:2021-01-07
Test Frequency	:5320 MHz	Temp./Humi.	:20.2/68
Test Mode	:BE CH HIGH	Antenna Pol.	:Horizontal
EUT Pol	:NB plan	Engineer	:Andy Wang



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	47.28	-2.76	44.52	54.00	-9.48
5350.000	Peak	58.51	-2.76	55.74	74.00	-18.26
5350.560	Average	47.15	-2.79	44.36	54.00	-9.64
5350.560	Peak	59.64	-2.79	56.85	74.00	-17.15

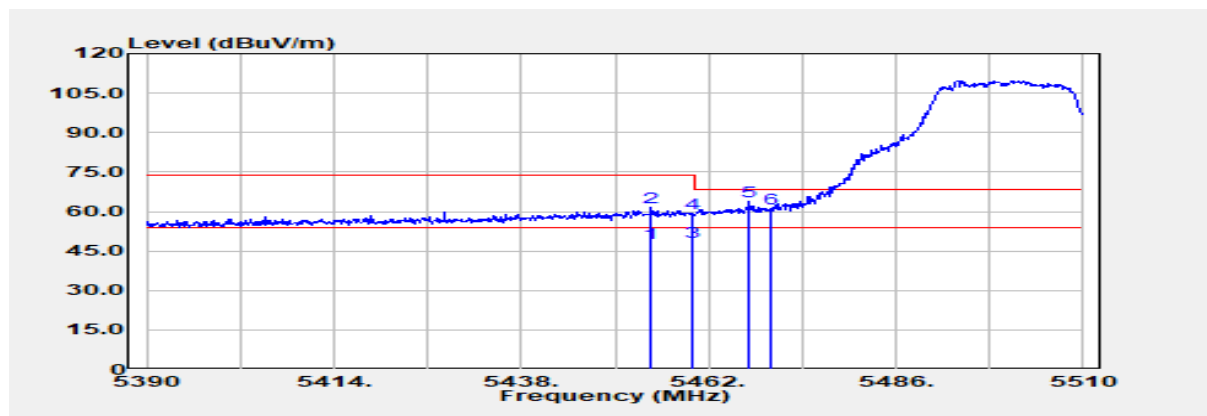
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Report Number :E2/2020/C0073
Operation Mode :802.11ac20 Band3
Test Frequency :5500 MHz
Test Mode :BE CH LOW
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-07
Temp./Humi. :20.2/68
Antenna Pol. :Vertical
Engineer :Andy Wang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5454.680	Average	50.10	-2.31	47.80	54.00	-6.20
5454.680	Peak	63.84	-2.31	61.53	74.00	-12.47
5460.000	Average	50.55	-2.18	48.37	54.00	-5.63
5460.000	Peak	61.69	-2.18	59.51	74.00	-14.49
5467.280	Peak	66.00	-2.30	63.69	68.20	-4.51
5470.000	Peak	63.34	-2.35	60.99	68.20	-7.21

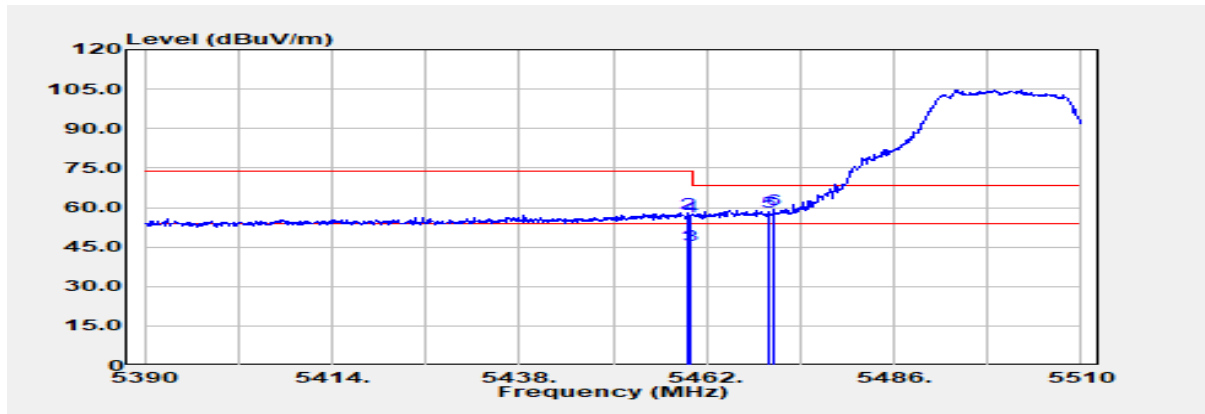
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Report Number :E2/2020/C0073
Operation Mode :802.11ac20 Band3
Test Frequency :5500 MHz
Test Mode :BE CH LOW
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-07
Temp./Humi. :20.2/68
Antenna Pol. :Horizontal
Engineer :Andy Wang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5459.480	Average	47.80	-2.19	45.61	54.00	-8.39
5459.480	Peak	60.31	-2.19	58.12	74.00	-15.88
5460.000	Average	48.10	-2.18	45.92	54.00	-8.08
5460.000	Peak	58.82	-2.18	56.64	74.00	-17.36
5470.000	Peak	60.90	-2.35	58.56	68.20	-9.64
5470.640	Peak	61.77	-2.35	59.43	68.20	-8.77

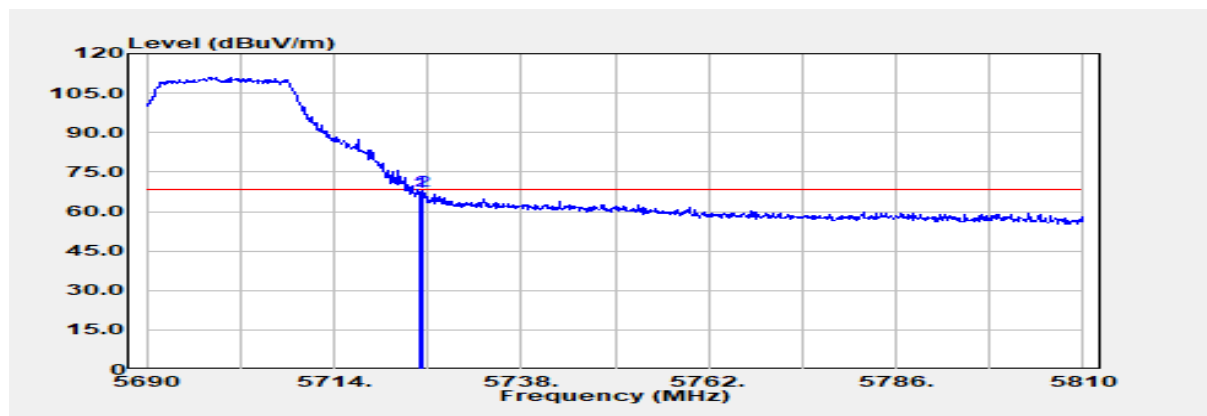
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Report Number :E2/2020/C0073
Operation Mode :802.11ac20 Band3
Test Frequency :5700 MHz
Test Mode :BE CH HIGH
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-07
Temp./Humi. :20.2/68
Antenna Pol. :Vertical
Engineer :Andy Wang



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	69.25	-1.98	67.28	68.20	-0.92
5725.400	Peak	69.74	-2.00	67.74	68.20	-0.46

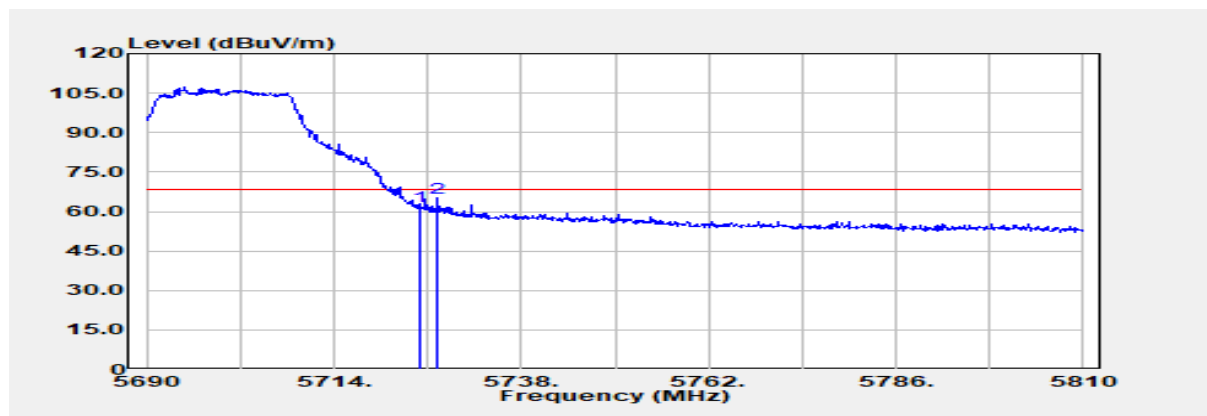
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Report Number :E2/2020/C0073
Operation Mode :802.11ac20 Band3
Test Frequency :5700 MHz
Test Mode :BE CH HIGH
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-07
Temp./Humi. :20.2/68
Antenna Pol. :Horizontal
Engineer :Andy Wang



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	63.91	-1.98	61.94	68.20	-6.26
5727.320	Peak	67.36	-2.11	65.26	68.20	-2.94

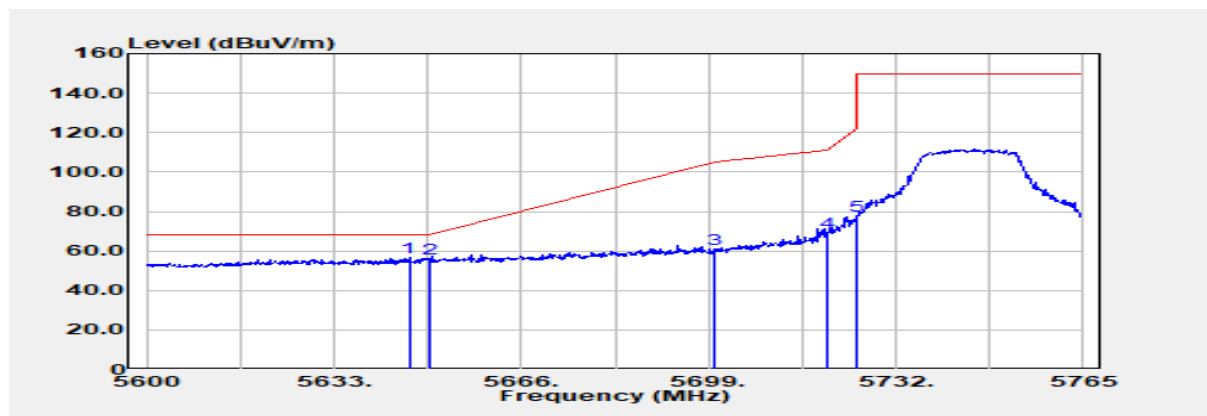
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Report Number :E2/2020/C0073
 Operation Mode :802.11ac20 Band4
 Test Frequency :5745 MHz
 Test Mode :BE CH LOW
 EUT Pol :NB plan

Test Site :966 Chamber D
 Test Date :2021-01-07
 Temp./Humi. :20.2/68
 Antenna Pol. :Vertical
 Engineer :Andy Wang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5646.200	Peak	58.66	-2.06	56.61	68.20	-11.59
5650.000	Peak	58.07	-2.00	56.07	68.20	-12.13
5700.000	Peak	63.15	-2.17	60.98	105.20	-44.22
5720.000	Peak	70.94	-1.70	69.24	110.80	-41.56
5725.000	Peak	79.93	-1.98	77.95	122.20	-44.25

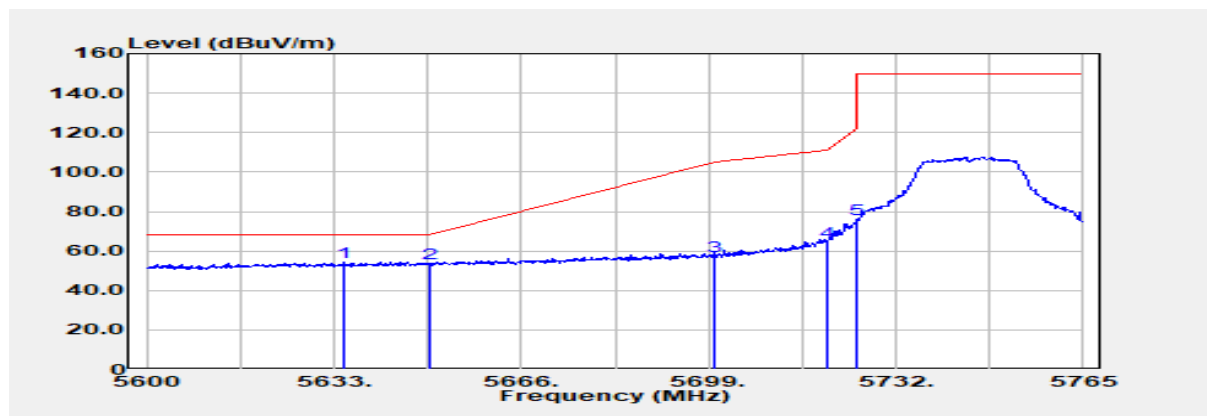
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Report Number :E2/2020/C0073
Operation Mode :802.11ac20 Band4
Test Frequency :5745 MHz
Test Mode :BE CH LOW
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-07
Temp./Humi. :20.2/68
Antenna Pol. :Horizontal
Engineer :Andy Wang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5634.650	Peak	56.52	-2.06	54.46	68.20	-13.74
5650.000	Peak	55.47	-2.00	53.47	68.20	-14.73
5700.000	Peak	59.80	-2.17	57.63	105.20	-47.57
5720.000	Peak	66.57	-1.70	64.87	110.80	-45.93
5725.000	Peak	77.88	-1.98	75.91	122.20	-46.29

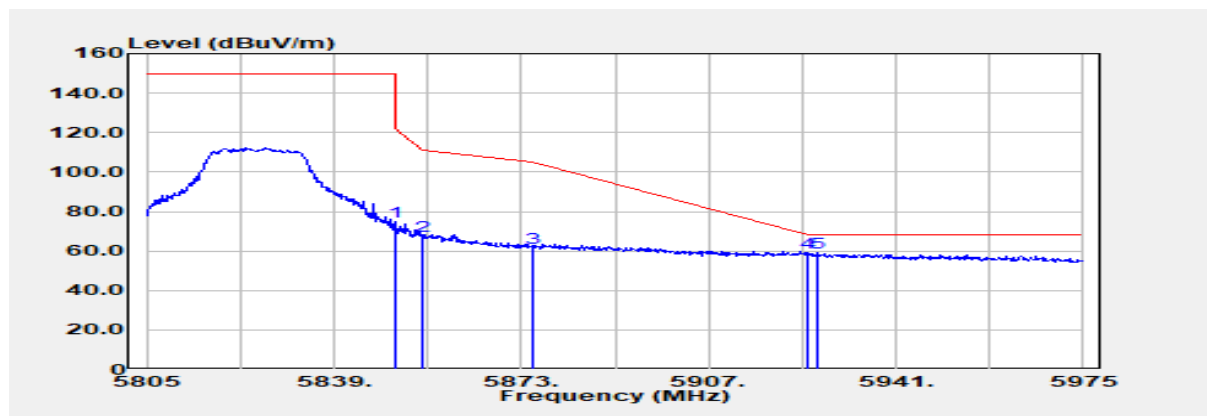
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Report Number :E2/2020/C0073
Operation Mode :802.11ac20 Band4
Test Frequency :5825 MHz
Test Mode :BE CH HIGH
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-07
Temp./Humi. :20.2/68
Antenna Pol. :Vertical
Engineer :Andy Wang



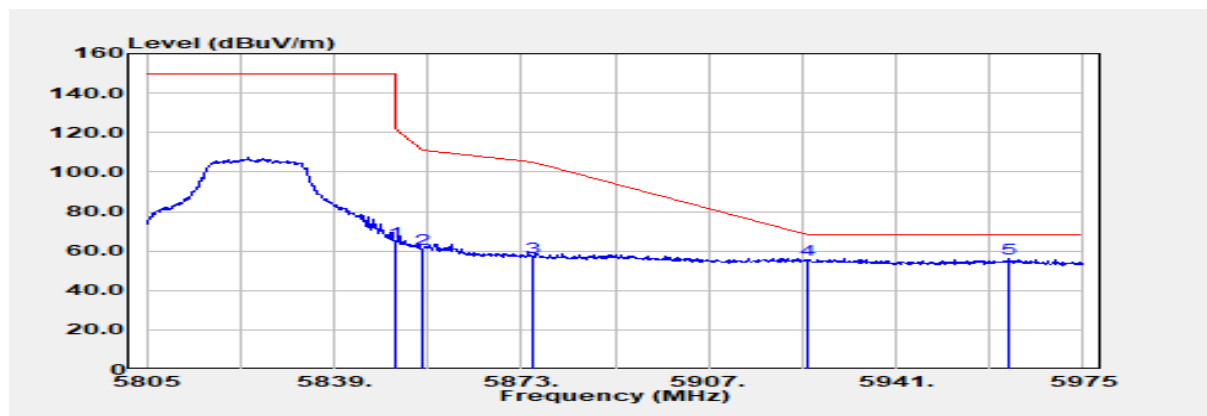
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	76.47	-1.57	74.90	122.20	-47.30
5855.000	Peak	69.18	-1.42	67.76	110.80	-43.04
5875.000	Peak	63.29	-1.42	61.87	105.20	-43.33
5925.000	Peak	59.89	-0.99	58.90	68.20	-9.30
5926.720	Peak	60.29	-0.96	59.33	68.20	-8.87

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Report Number	:E2/2020/C0073	Test Site	:966 Chamber D
Operation Mode	:802.11ac20 Band4	Test Date	:2021-01-07
Test Frequency	:5825 MHz	Temp./Humi.	:20.2/68
Test Mode	:BE CH HIGH	Antenna Pol.	:Horizontal
EUT Pol	:NB plan	Engineer	:Andy Wang



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	66.01	-1.57	64.43	122.20	-57.77
5855.000	Peak	62.20	-1.42	60.78	110.80	-50.02
5875.000	Peak	58.22	-1.42	56.80	105.20	-48.40
5925.000	Peak	56.52	-0.99	55.53	68.20	-12.67
5961.570	Peak	56.99	-0.81	56.18	68.20	-12.02

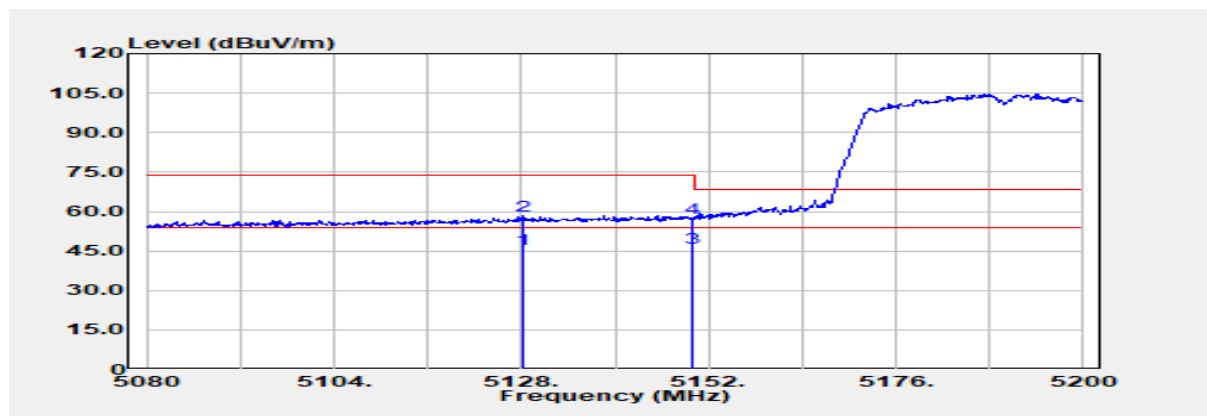
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Report Number :E2/2020/C0073
Operation Mode :802.11ac40 Band1
Test Frequency :5190 MHz
Test Mode :BE CH LOW
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-07
Temp./Humi. :20.2/68
Antenna Pol. :Vertical
Engineer :Andy Wang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5128.120	Average	47.70	-2.17	45.53	54.00	-8.47
5128.120	Peak	60.79	-2.17	58.63	74.00	-15.37
5150.000	Average	48.60	-2.43	46.17	54.00	-7.83
5150.000	Peak	60.08	-2.43	57.65	74.00	-16.35

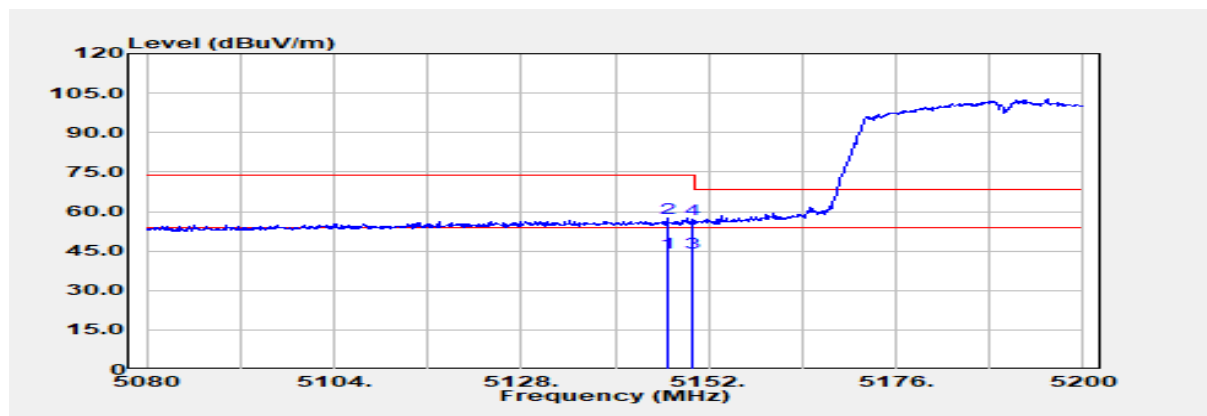
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Report Number :E2/2020/C0073
Operation Mode :802.11ac40 Band1
Test Frequency :5190 MHz
Test Mode :BE CH LOW
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-07
Temp./Humi. :20.2/68
Antenna Pol. :Horizontal
Engineer :Andy Wang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5146.720	Average	46.56	-2.38	44.18	54.00	-9.82
5146.720	Peak	59.71	-2.38	57.33	74.00	-16.67
5150.000	Average	46.92	-2.43	44.49	54.00	-9.51
5150.000	Peak	59.66	-2.43	57.23	74.00	-16.77

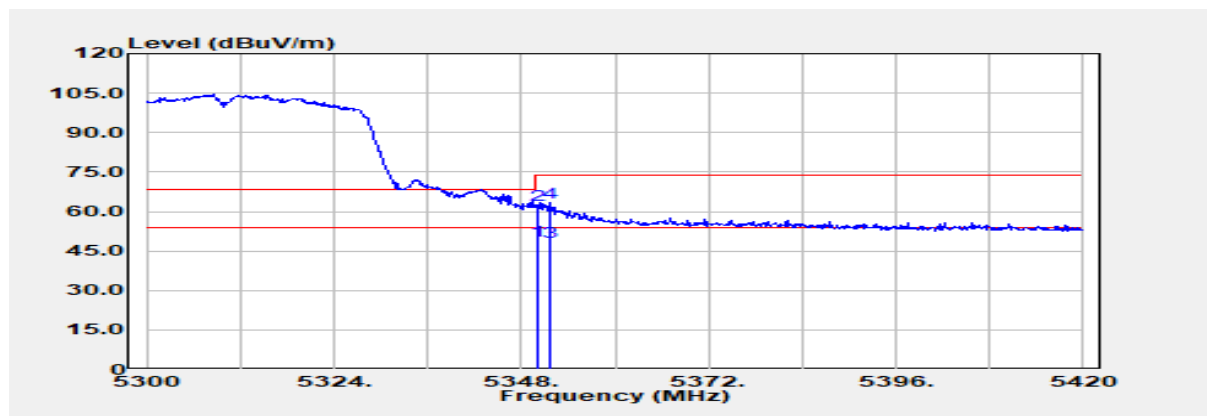
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Report Number :E2/2020/C0073
Operation Mode :802.11ac40 Band2
Test Frequency :5310 MHz
Test Mode :BE CH HIGH
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-07
Temp./Humi. :20.2/68
Antenna Pol. :Vertical
Engineer :Andy Wang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	51.84	-2.76	49.08	54.00	-4.92
5350.000	Peak	65.34	-2.76	62.57	74.00	-11.43
5351.600	Average	51.35	-2.83	48.52	54.00	-5.48
5351.600	Peak	66.06	-2.83	63.23	74.00	-10.77

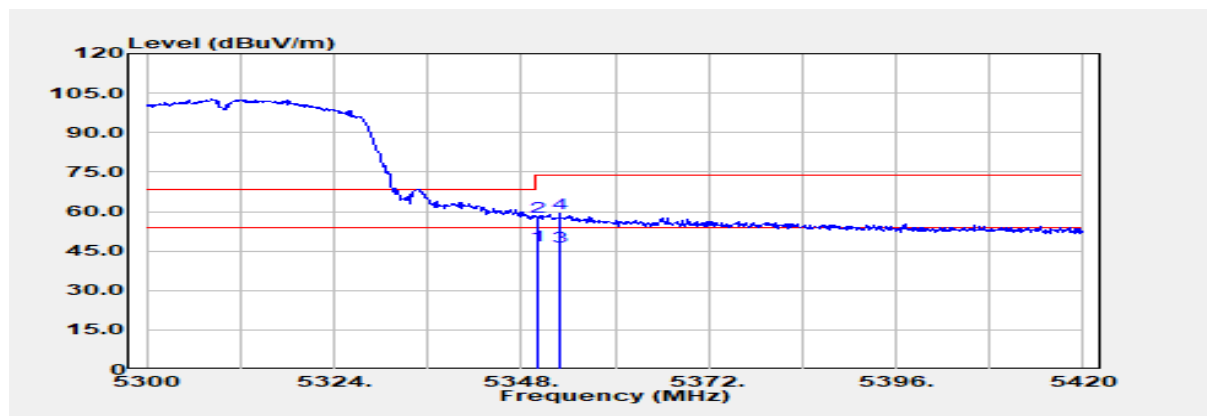
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Report Number :E2/2020/C0073
Operation Mode :802.11ac40 Band2
Test Frequency :5310 MHz
Test Mode :BE CH HIGH
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-07
Temp./Humi. :20.2/68
Antenna Pol. :Horizontal
Engineer :Andy Wang



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	49.89	-2.76	47.13	54.00	-6.87
5350.000	Peak	60.76	-2.76	58.00	74.00	-16.00
5352.920	Average	49.46	-2.89	46.57	54.00	-7.43
5352.920	Peak	62.41	-2.89	59.52	74.00	-14.48

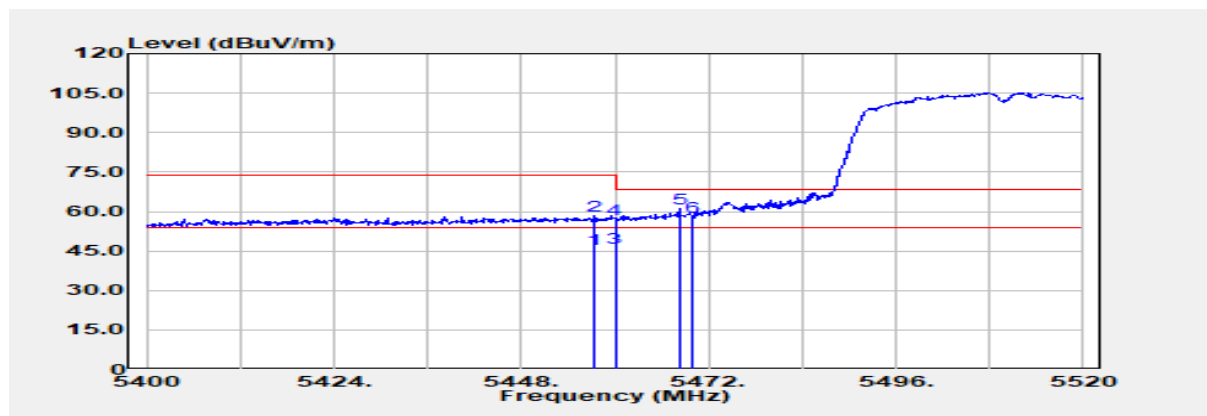
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Report Number :E2/2020/C0073
Operation Mode :802.11ac40 Band3
Test Frequency :5510 MHz
Test Mode :BE CH LOW
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-07
Temp./Humi. :20.2/68
Antenna Pol. :Vertical
Engineer :Andy Wang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5457.480	Average	48.01	-2.24	45.77	54.00	-8.23
5457.480	Peak	60.49	-2.24	58.25	74.00	-15.75
5460.000	Average	48.41	-2.18	46.22	54.00	-7.78
5460.000	Peak	59.33	-2.18	57.15	74.00	-16.85
5468.280	Peak	63.48	-2.32	61.16	68.20	-7.04
5470.000	Peak	60.50	-2.35	58.15	68.20	-10.05

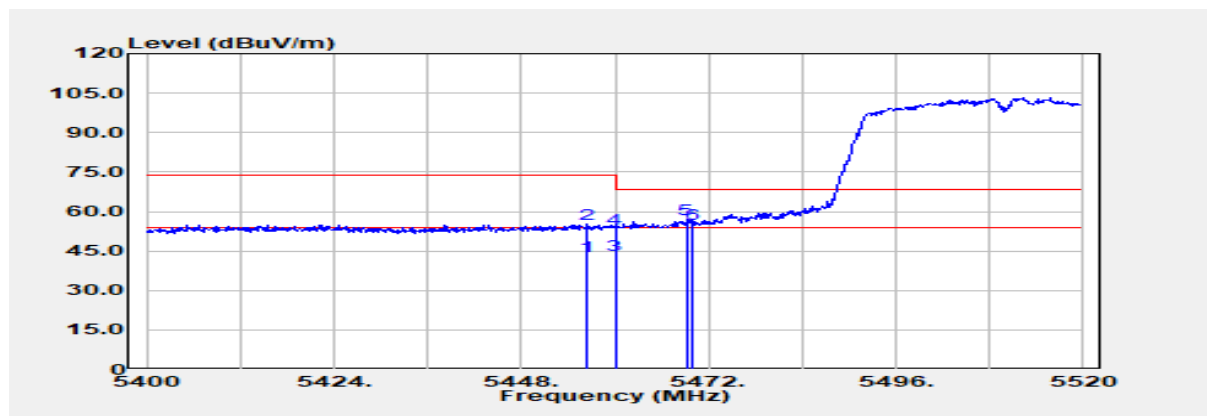
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Report Number :E2/2020/C0073
Operation Mode :802.11ac40 Band3
Test Frequency :5510 MHz
Test Mode :BE CH LOW
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-07
Temp./Humi. :20.2/68
Antenna Pol. :Horizontal
Engineer :Andy Wang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5456.520	Average	45.20	-2.26	42.94	54.00	-11.06
5456.520	Peak	57.40	-2.26	55.14	74.00	-18.86
5460.000	Average	45.77	-2.18	43.58	54.00	-10.42
5460.000	Peak	55.73	-2.18	53.54	74.00	-20.46
5469.120	Peak	59.24	-2.33	56.91	68.20	-11.29
5470.000	Peak	57.63	-2.35	55.28	68.20	-12.92

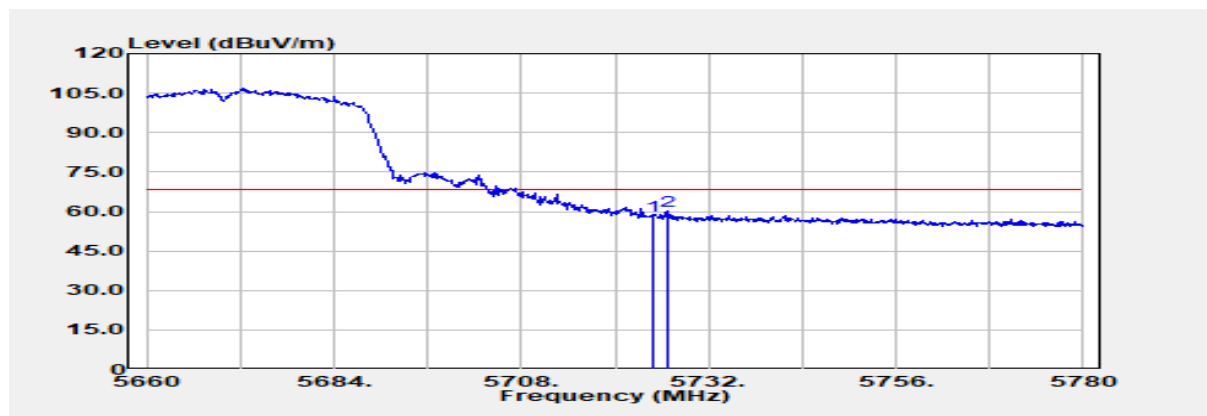
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Report Number :E2/2020/C0073
Operation Mode :802.11ac40 Band3
Test Frequency :5670 MHz
Test Mode :BE CH HIGH
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-07
Temp./Humi. :20.2/68
Antenna Pol. :Vertical
Engineer :Andy Wang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5725.000	Peak	60.55	-1.98	58.57	68.20	-9.63
5726.720	Peak	62.15	-2.07	60.08	68.20	-8.12

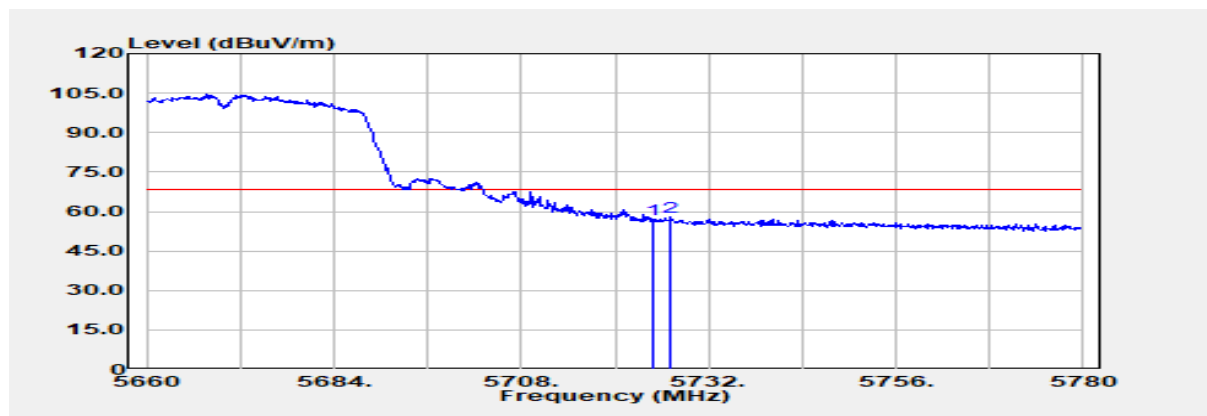
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Report Number :E2/2020/C0073
Operation Mode :802.11ac40 Band3
Test Frequency :5670 MHz
Test Mode :BE CH HIGH
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-07
Temp./Humi. :20.2/68
Antenna Pol. :Horizontal
Engineer :Andy Wang



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	58.82	-1.98	56.84	68.20	-11.36
5727.080	Peak	59.84	-2.09	57.75	68.20	-10.45

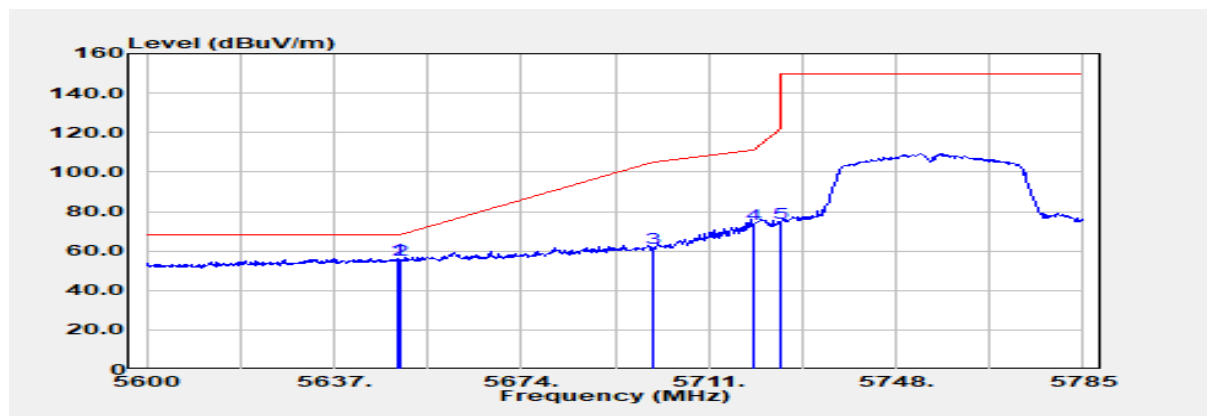
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Report Number :E2/2020/C0073
Operation Mode :802.11ac40 Band4
Test Frequency :5775 MHz
Test Mode :BE CH LOW
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-07
Temp./Humi. :20.2/68
Antenna Pol. :Vertical
Engineer :Andy Wang



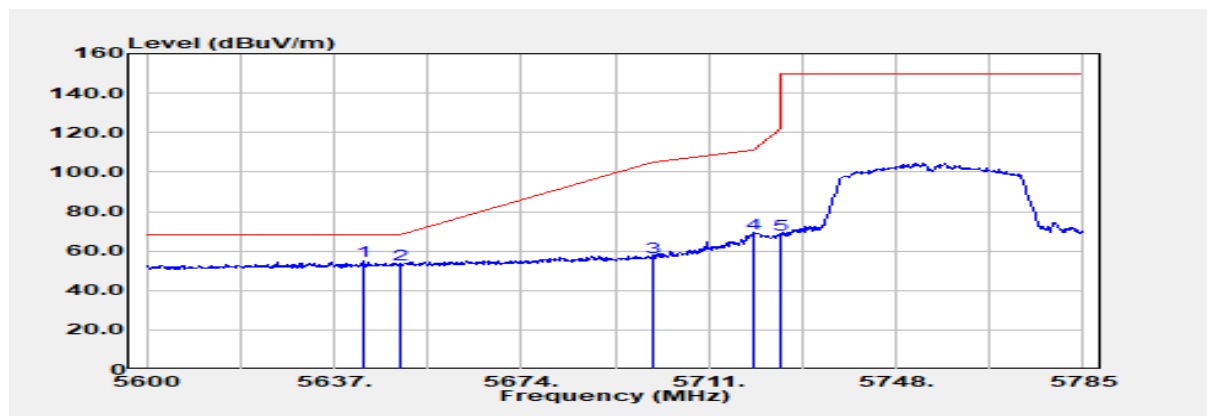
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5649.395	Peak	58.11	-2.01	56.10	68.20	-12.10
5650.000	Peak	57.46	-2.00	55.46	68.20	-12.74
5700.000	Peak	63.74	-2.17	61.57	105.20	-43.63
5720.000	Peak	75.44	-1.70	73.75	110.80	-37.05
5725.000	Peak	76.01	-1.98	74.03	122.20	-48.17

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Report Number	:E2/2020/C0073	Test Site	:966 Chamber D
Operation Mode	:802.11ac40 Band4	Test Date	:2021-01-07
Test Frequency	:5775 MHz	Temp./Humi.	:20.2/68
Test Mode	:BE CH LOW	Antenna Pol.	:Horizontal
EUT Pol	:NB plan	Engineer	:Andy Wang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5642.735	Peak	56.84	-2.11	54.73	68.20	-13.47
5650.000	Peak	55.17	-2.00	53.17	68.20	-15.03
5700.000	Peak	58.70	-2.17	56.53	105.20	-48.67
5720.000	Peak	70.78	-1.70	69.08	110.80	-41.72
5725.000	Peak	70.04	-1.98	68.06	122.20	-54.14

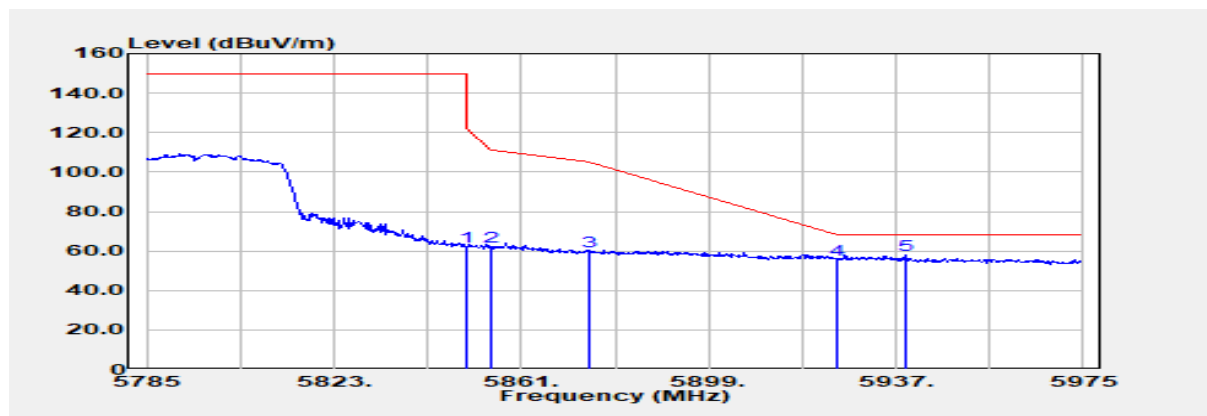
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Report Number :E2/2020/C0073
Operation Mode :802.11ac40 Band4
Test Frequency :5795 MHz
Test Mode :BE CH HIGH
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-07
Temp./Humi. :20.2/68
Antenna Pol. :Vertical
Engineer :Andy Wang



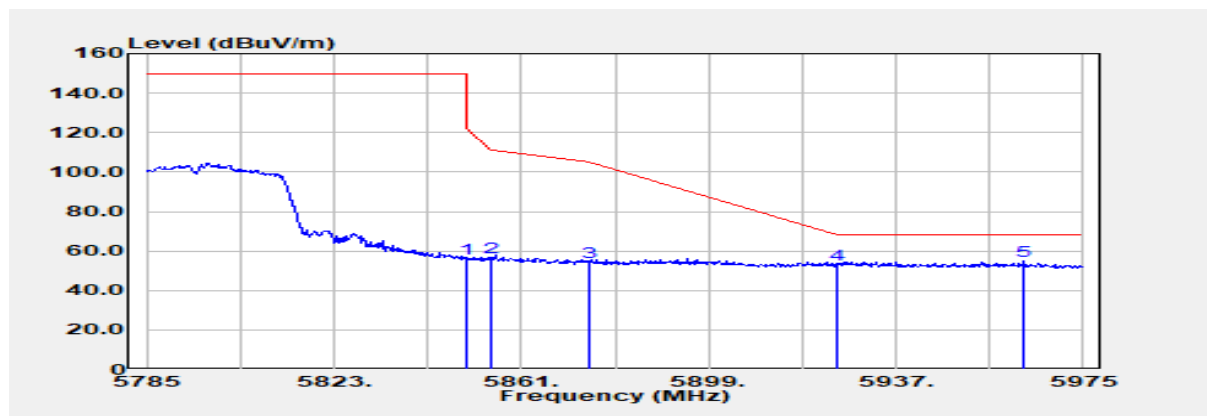
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	64.00	-1.57	62.43	122.20	-59.77
5855.000	Peak	63.64	-1.42	62.22	110.80	-48.58
5875.000	Peak	60.90	-1.42	59.48	105.20	-45.72
5925.000	Peak	56.73	-0.99	55.74	68.20	-12.46
5938.900	Peak	58.88	-1.20	57.68	68.20	-10.52

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Report Number	:E2/2020/C0073	Test Site	:966 Chamber D
Operation Mode	:802.11ac40 Band4	Test Date	:2021-01-07
Test Frequency	:5795 MHz	Temp./Humi.	:20.2/68
Test Mode	:BE CH HIGH	Antenna Pol.	:Horizontal
EUT Pol	:NB plan	Engineer	:Andy Wang



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	57.70	-1.57	56.13	122.20	-66.07
5855.000	Peak	58.25	-1.42	56.84	110.80	-53.96
5875.000	Peak	55.59	-1.42	54.17	105.20	-51.03
5925.000	Peak	53.96	-0.99	52.97	68.20	-15.23
5963.030	Peak	55.64	-0.90	54.73	68.20	-13.47

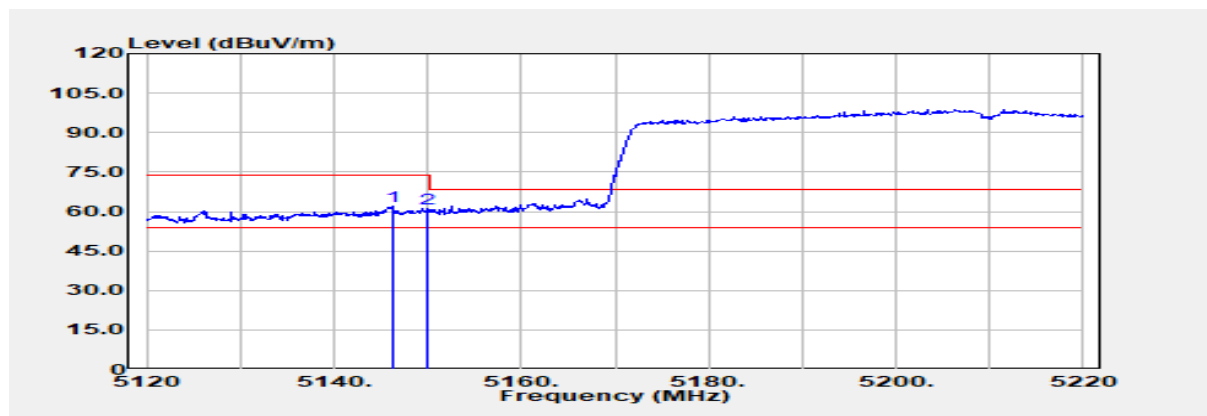
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Report Number :E2/2020/C0073
Operation Mode :802.11ac80 Band1
Test Frequency :5210 MHz
Test Mode :BE CH LOW
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-05
Temp./Humi. :20.4/65
Antenna Pol. :Vertical
Engineer :Andy Wang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5146.200	Peak	64.44	-2.37	62.07	74.00	-11.93
5150.000	Peak	63.74	-2.43	61.31	74.00	-12.69

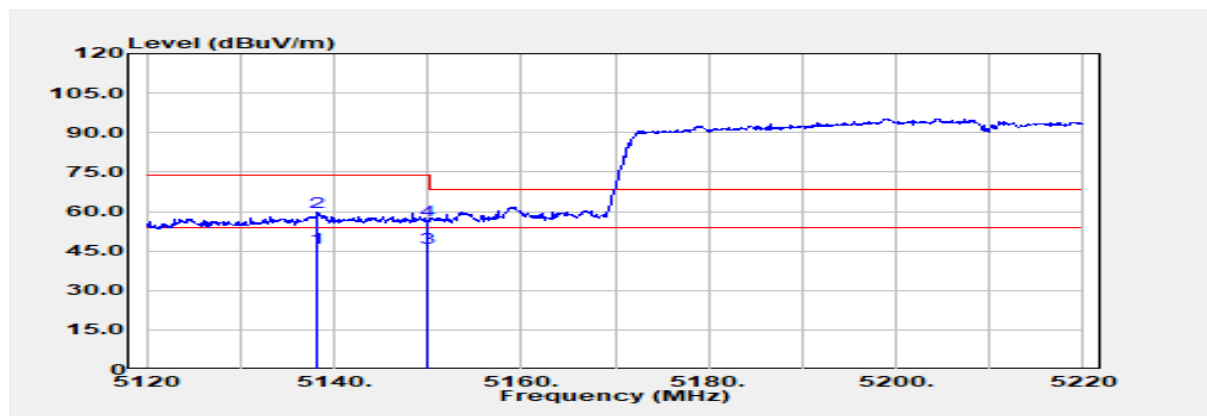
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Report Number :E2/2020/C0073
Operation Mode :802.11ac80 Band1
Test Frequency :5210 MHz
Test Mode :BE CH LOW
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-05
Temp./Humi. :20.4/65
Antenna Pol. :Horizontal
Engineer :Andy Wang



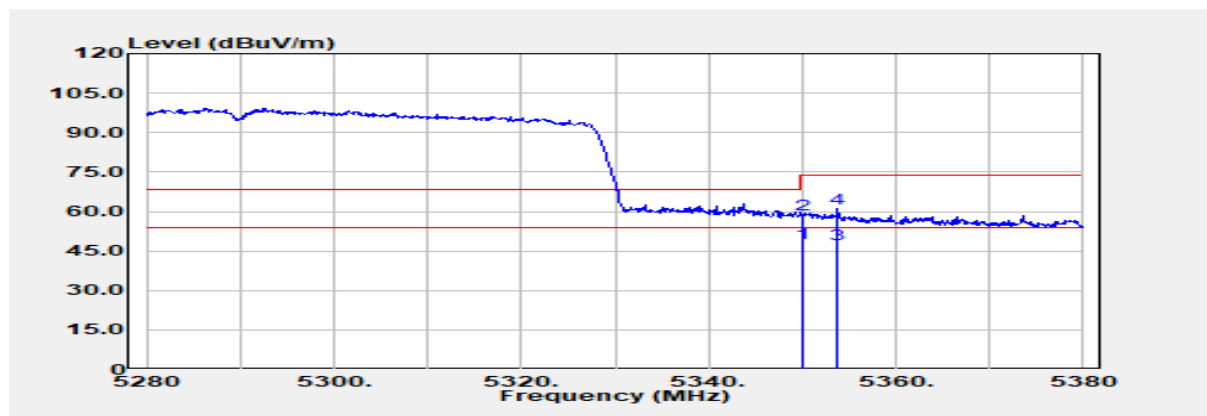
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5138.300	Average	48.55	-2.26	46.29	54.00	-7.71
5138.300	Peak	61.97	-2.26	59.71	74.00	-14.29
5150.000	Average	48.53	-2.43	46.10	54.00	-7.90
5150.000	Peak	59.08	-2.43	56.65	74.00	-17.35

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Report Number	:E2/2020/C0073	Test Site	:966 Chamber D
Operation Mode	:802.11ac80 Band2	Test Date	:2021-01-05
Test Frequency	:5290 MHz	Temp./Humi.	:20.4/65
Test Mode	:BE CH HIGH	Antenna Pol.	:Vertical
EUT Pol	:NB plan	Engineer	:Andy Wang



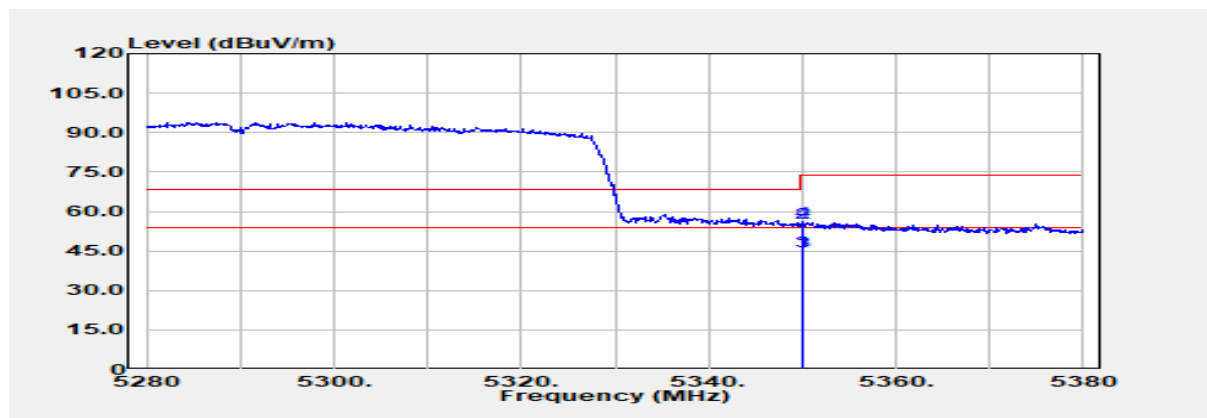
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	50.97	-2.76	48.20	54.00	-5.80
5350.000	Peak	61.67	-2.76	58.90	74.00	-15.10
5353.800	Average	50.29	-2.93	47.36	54.00	-6.64
5353.800	Peak	63.84	-2.93	60.91	74.00	-13.09

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Report Number	:E2/2020/C0073	Test Site	:966 Chamber D
Operation Mode	:802.11ac80 Band2	Test Date	:2021-01-05
Test Frequency	:5290 MHz	Temp./Humi.	:20.4/65
Test Mode	:BE CH HIGH	Antenna Pol.	:Horizontal
EUT Pol	:NB plan	Engineer	:Andy Wang



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	47.58	-2.76	44.82	54.00	-9.18
5350.000	Peak	58.68	-2.76	55.92	74.00	-18.08
5350.100	Average	47.62	-2.77	44.85	54.00	-9.15
5350.100	Peak	58.89	-2.77	56.12	74.00	-17.88

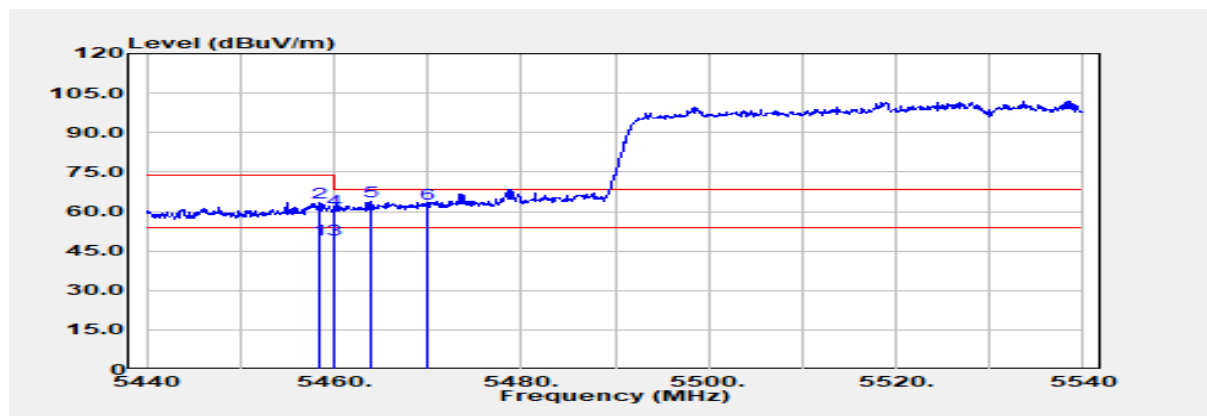
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Report Number :E2/2020/C0073
Operation Mode :802.11ac80 Band3
Test Frequency :5530 MHz
Test Mode :BE CH LOW
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-05
Temp./Humi. :20.4/65
Antenna Pol. :Vertical
Engineer :Andy Wang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5458.400	Average	51.44	-2.22	49.22	54.00	-4.78
5458.400	Peak	65.62	-2.22	63.41	74.00	-10.59
5460.000	Average	51.60	-2.18	49.42	54.00	-4.58
5460.000	Peak	62.84	-2.18	60.65	74.00	-13.35
5463.900	Peak	65.90	-2.25	63.66	68.20	-4.54
5470.000	Peak	65.18	-2.35	62.84	68.20	-5.36

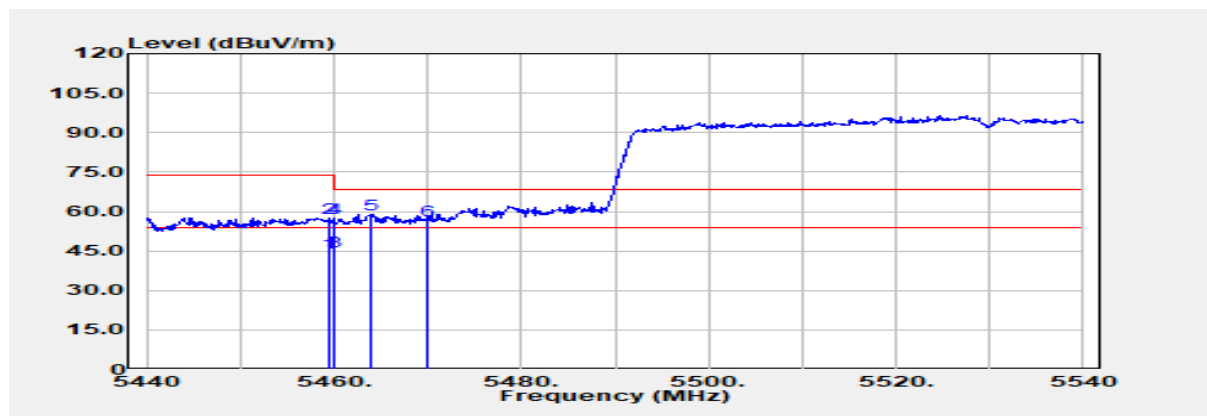
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Report Number :E2/2020/C0073
Operation Mode :802.11ac80 Band3
Test Frequency :5530 MHz
Test Mode :BE CH LOW
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-05
Temp./Humi. :20.4/65
Antenna Pol. :Horizontal
Engineer :Andy Wang



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	46.66	-2.19	44.46	54.00	-9.54
5459.600	Peak	59.92	-2.19	57.72	74.00	-16.28
5460.000	Average	47.04	-2.18	44.85	54.00	-9.15
5460.000	Peak	59.69	-2.18	57.50	74.00	-16.50
5463.900	Peak	61.24	-2.25	58.99	68.20	-9.21
5470.000	Peak	58.96	-2.35	56.62	68.20	-11.58

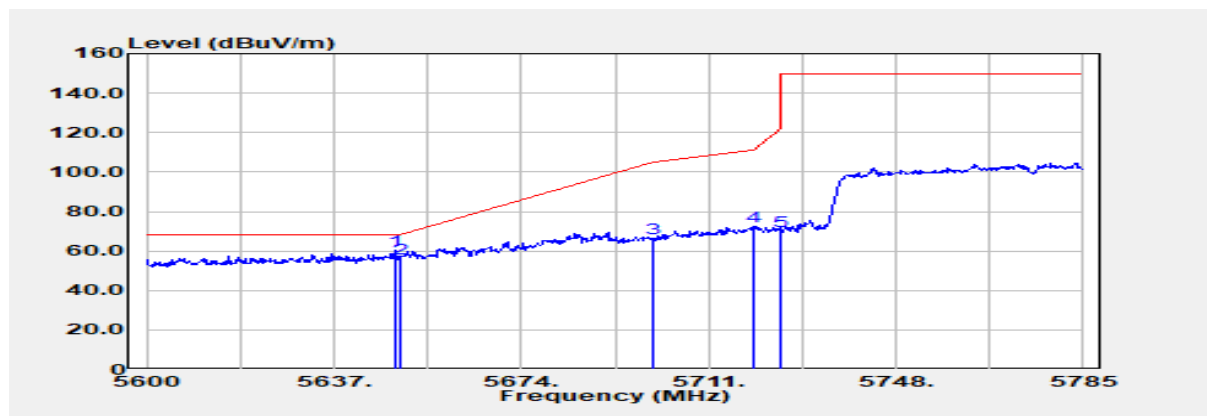
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Report Number :E2/2020/C0073
Operation Mode :802.11ac80 Band4
Test Frequency :5775 MHz
Test Mode :BE CH LOW
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-07
Temp./Humi. :20.4/65
Antenna Pol. :Vertical
Engineer :Andy Wang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5649.025	Peak	62.53	-2.01	60.51	68.20	-7.69
5650.000	Peak	58.38	-2.00	56.38	68.20	-11.82
5700.000	Peak	68.41	-2.17	66.24	105.20	-38.96
5720.000	Peak	74.15	-1.70	72.46	110.80	-38.34
5725.000	Peak	71.94	-1.98	69.96	122.20	-52.24

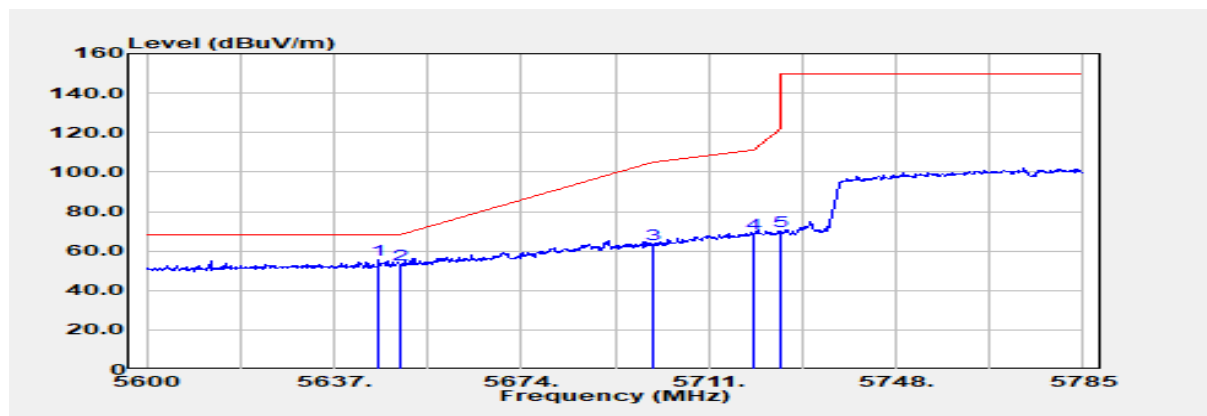
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Report Number :E2/2020/C0073
Operation Mode :802.11ac80 Band4
Test Frequency :5775 MHz
Test Mode :BE CH LOW
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-07
Temp./Humi. :20.4/65
Antenna Pol. :Horizontal
Engineer :Andy Wang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5645.695	Peak	57.58	-2.07	55.51	68.20	-12.69
5650.000	Peak	55.24	-2.00	53.24	68.20	-14.96
5700.000	Peak	65.82	-2.17	63.65	105.20	-41.55
5720.000	Peak	70.63	-1.70	68.93	110.80	-41.87
5725.000	Peak	71.89	-1.98	69.91	122.20	-52.29

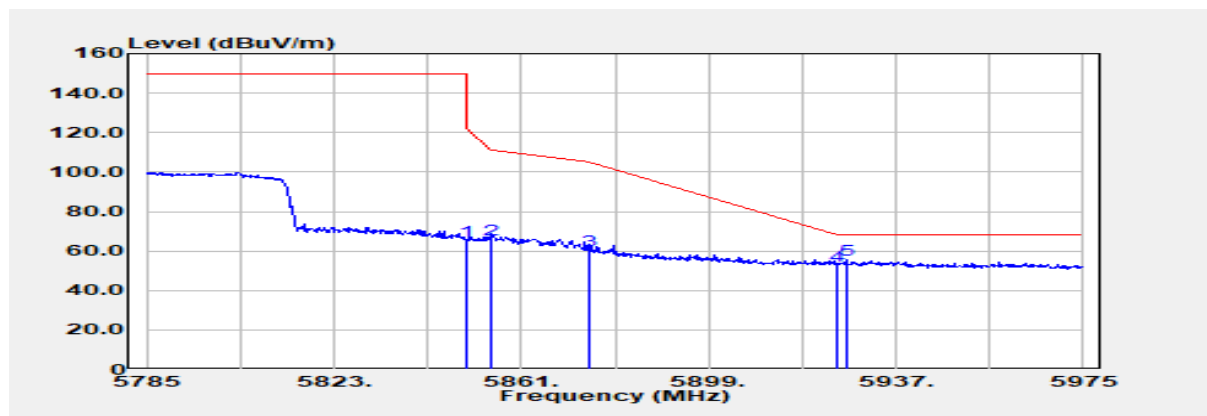
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Report Number :E2/2020/C0073
Operation Mode :802.11ac80 Band4
Test Frequency :5775 MHz
Test Mode :BE CH HIGH
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-07
Temp./Humi. :20.4/65
Antenna Pol. :Vertical
Engineer :Andy Wang



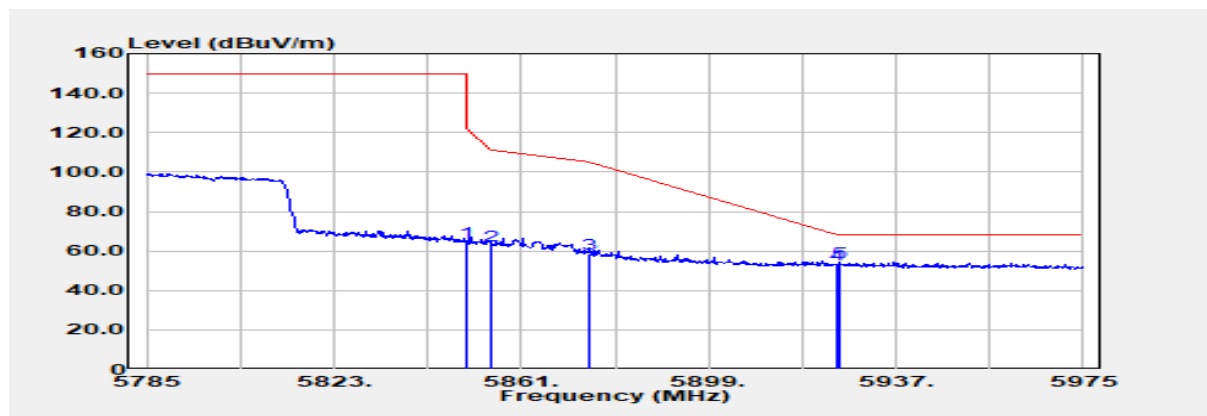
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	67.06	-1.57	65.48	122.20	-56.72
5855.000	Peak	66.99	-1.42	65.57	110.80	-45.23
5875.000	Peak	61.74	-1.42	60.32	105.20	-44.88
5925.000	Peak	53.62	-0.99	52.63	68.20	-15.57
5926.930	Peak	56.64	-0.95	55.69	68.20	-12.51

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Report Number	:E2/2020/C0073	Test Site	:966 Chamber D
Operation Mode	:802.11ac80 Band4	Test Date	:2021-01-07
Test Frequency	:5775 MHz	Temp./Humi.	:20.4/65
Test Mode	:BE CH HIGH	Antenna Pol.	:Horizontal
EUT Pol	:NB plan	Engineer	:Andy Wang



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	66.29	-1.57	64.72	122.20	-57.48
5855.000	Peak	64.32	-1.42	62.90	110.80	-47.90
5875.000	Peak	59.78	-1.42	58.36	105.20	-46.84
5925.000	Peak	54.03	-0.99	53.04	68.20	-15.16
5925.600	Peak	55.16	-0.98	54.18	68.20	-14.02

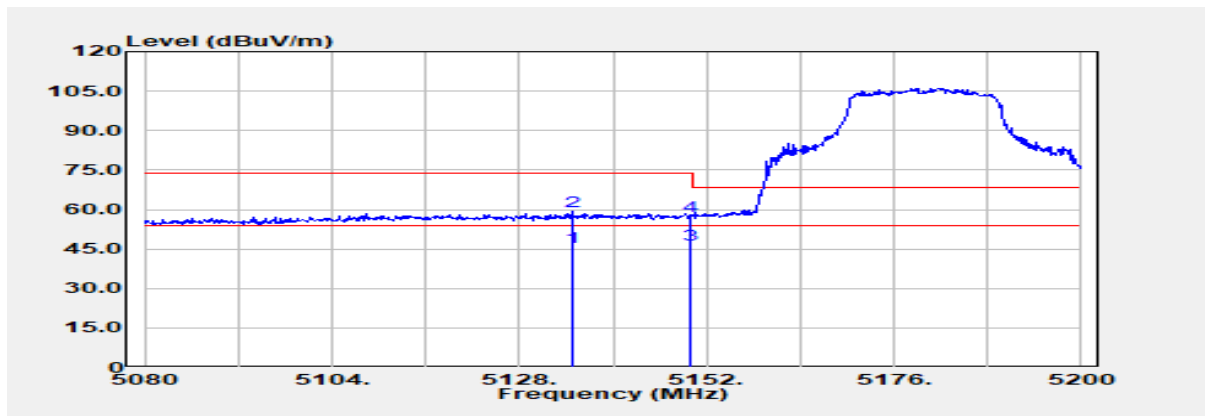
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Report Number :E2/2020/C0073
Operation Mode :802.11ax20 Band1
Test Frequency :5180 MHz
Test Mode :BE CH LOW
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-15
Temp./Humi. :19.4/53
Antenna Pol. :Vertical
Engineer :Andy Wang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5134.720	Average	48.12	-2.23	45.89	54.00	-8.11
5134.720	Peak	61.51	-2.23	59.28	74.00	-14.72
5150.000	Average	48.89	-2.43	46.46	54.00	-7.54
5150.000	Peak	60.07	-2.43	57.64	74.00	-16.36

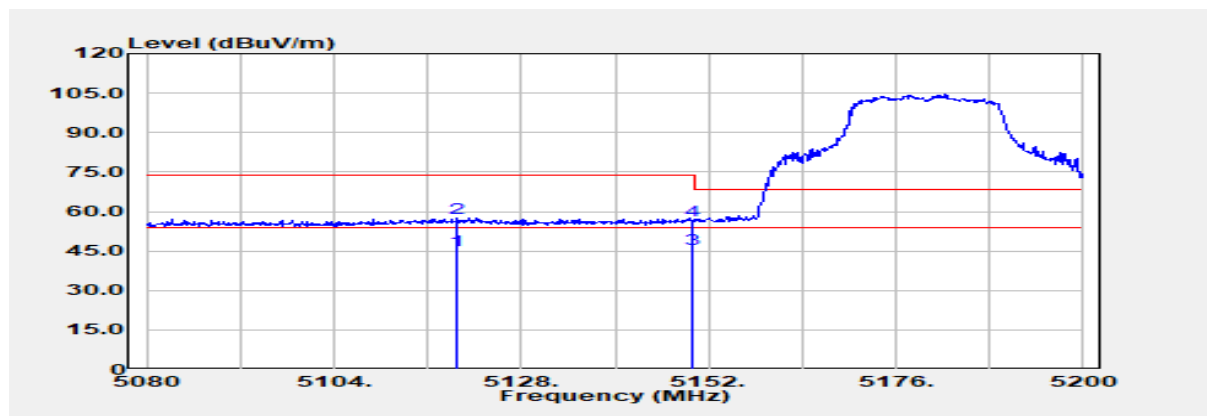
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Report Number :E2/2020/C0073
Operation Mode :802.11ax20 Band1
Test Frequency :5180 MHz
Test Mode :BE CH LOW
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-15
Temp./Humi. :19.4/53
Antenna Pol. :Horizontal
Engineer :Andy Wang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5119.840	Average	47.49	-2.10	45.39	54.00	-8.61
5119.840	Peak	59.57	-2.10	57.47	74.00	-16.53
5150.000	Average	48.08	-2.43	45.65	54.00	-8.35
5150.000	Peak	59.10	-2.43	56.67	74.00	-17.33

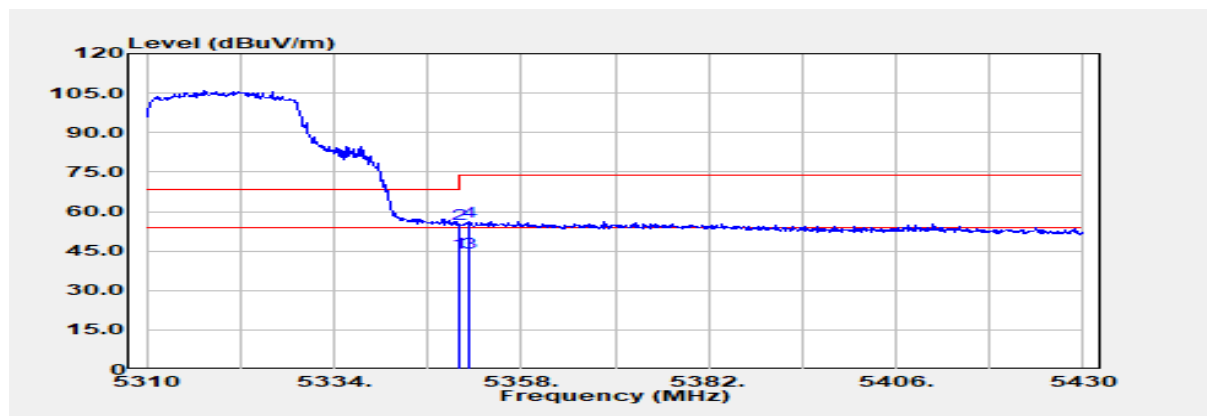
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Report Number :E2/2020/C0073
Operation Mode :802.11ax20 Band2
Test Frequency :5320 MHz
Test Mode :BE CH HIGH
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-15
Temp./Humi. : 19.4/53
Antenna Pol. :Vertical
Engineer :Andy Wang



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	47.20	-2.76	44.43	54.00	-9.57
5350.000	Peak	57.95	-2.76	55.19	74.00	-18.81
5351.160	Average	47.03	-2.81	44.22	54.00	-9.78
5351.160	Peak	59.16	-2.81	56.34	74.00	-17.66

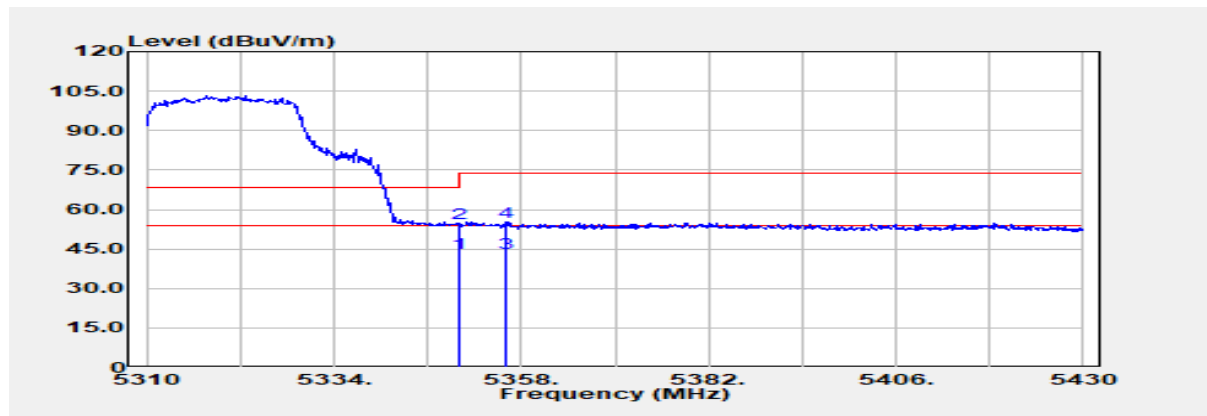
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Report Number :E2/2020/C0073
Operation Mode :802.11ax20 Band2
Test Frequency :5320 MHz
Test Mode :BE CH HIGH
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-15
Temp./Humi. : 19.4/53
Antenna Pol. :Horizontal
Engineer :Andy Wang



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	46.38	-2.76	43.62	54.00	-10.38
5350.000	Peak	57.68	-2.76	54.92	74.00	-19.08
5356.080	Average	46.43	-3.03	43.40	54.00	-10.60
5356.080	Peak	58.30	-3.03	55.27	74.00	-18.73

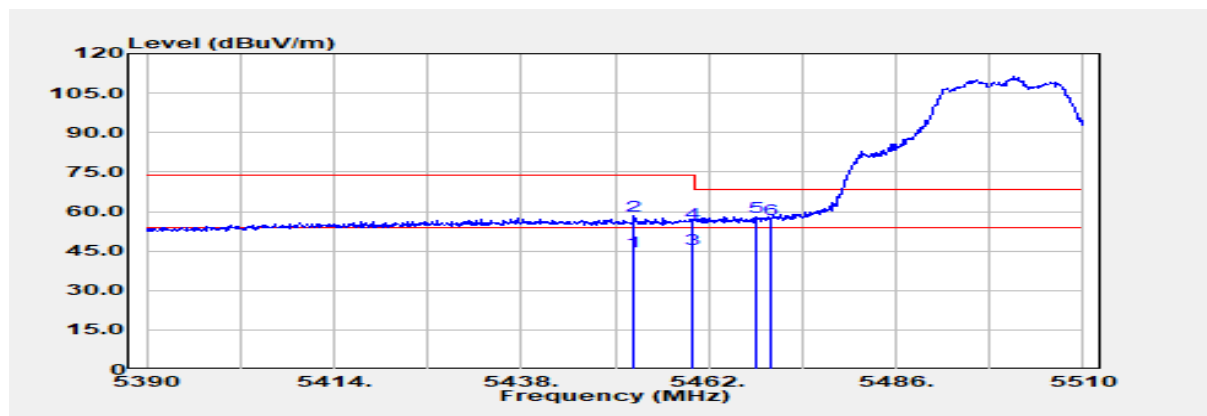
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Report Number :E2/2020/C0073
Operation Mode :802.11ax20 Band3
Test Frequency :5500 MHz
Test Mode :BE CH LOW
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-15
Temp./Humi. : 19.4/53
Antenna Pol. :Vertical
Engineer :Andy Wang



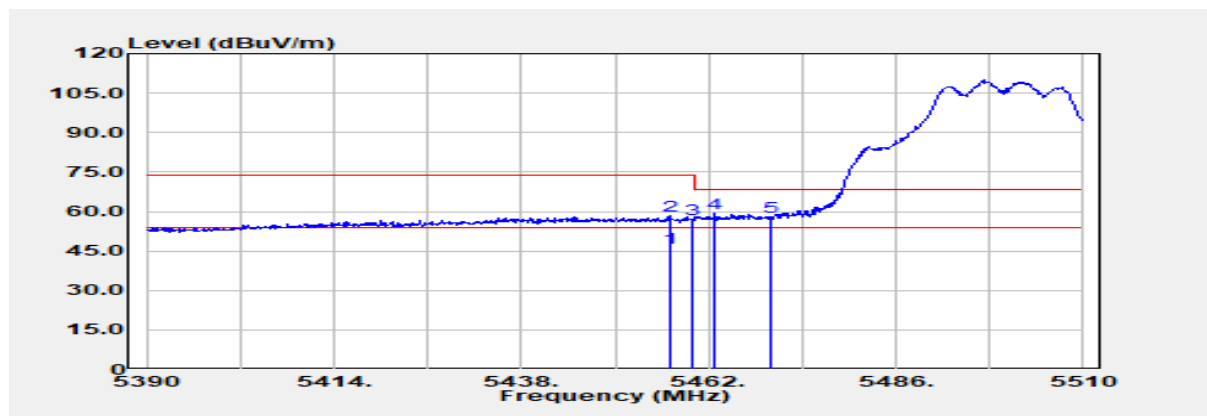
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5452.400	Average	47.06	-2.36	44.71	54.00	-9.29
5452.400	Peak	60.83	-2.36	58.47	74.00	-15.53
5460.000	Average	47.73	-2.18	45.55	54.00	-8.45
5460.000	Peak	58.04	-2.18	55.86	74.00	-18.14
5468.000	Peak	60.35	-2.31	58.04	68.20	-10.16
5470.000	Peak	59.26	-2.35	56.91	68.20	-11.29

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Report Number	:E2/2020/C0073	Test Site	:966 Chamber D
Operation Mode	:802.11ax20 Band3	Test Date	:2021-01-15
Test Frequency	:5500 MHz	Temp./Humi.	: 19.4/53
Test Mode	:BE CH LOW	Antenna Pol.	:Horizontal
EUT Pol	:NB plan	Engineer	:Andy Wang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5456.960	Average	48.49	-2.25	46.24	54.00	-7.76
5456.960	Peak	60.70	-2.25	58.45	74.00	-15.55
5460.000	Peak	59.08	-2.18	56.90	74.00	-17.10
5462.840	Peak	61.35	-2.23	59.12	68.20	-9.08
5470.000	Peak	60.18	-2.35	57.83	68.20	-10.37

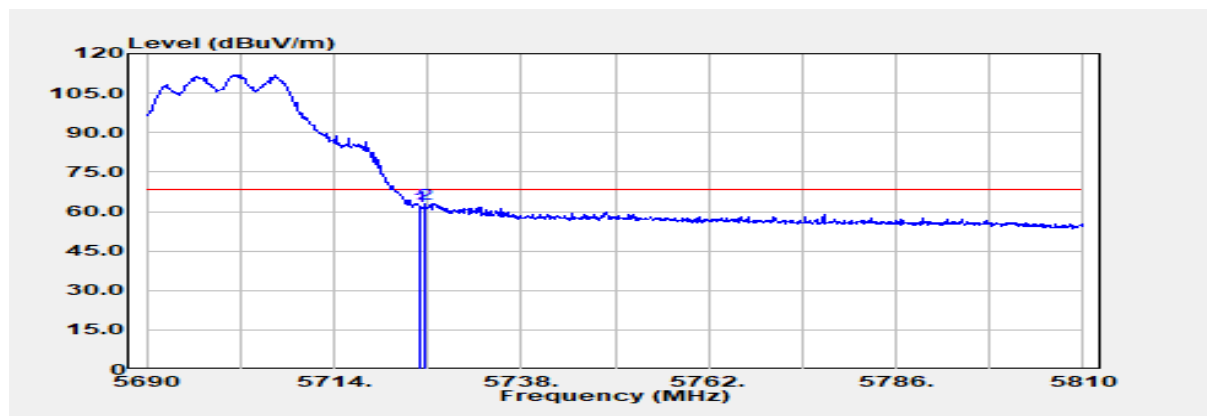
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Report Number :E2/2020/C0073
Operation Mode :802.11ax20 Band3
Test Frequency :5700 MHz
Test Mode :BE CH HIGH
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-15
Temp./Humi. : 19.4/53
Antenna Pol. :Vertical
Engineer :Andy Wang



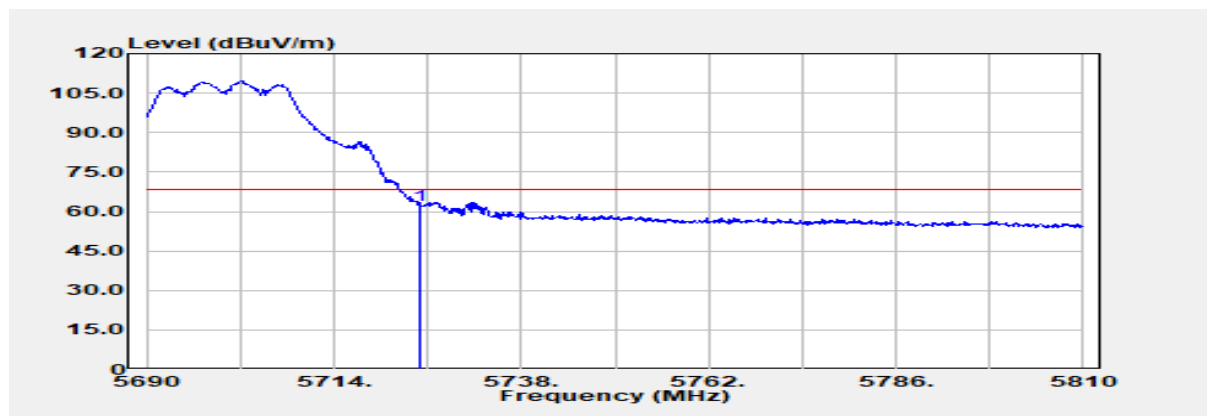
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	63.92	-1.98	61.95	68.20	-6.25
5725.760	Peak	65.12	-2.02	63.10	68.20	-5.10

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Report Number	:E2/2020/C0073	Test Site	:966 Chamber D
Operation Mode	:802.11ax20 Band3	Test Date	:2021-01-16
Test Frequency	:5700 MHz	Temp./Humi.	:18.5/48
Test Mode	:BE CH HIGH	Antenna Pol.	:Horizontal
EUT Pol	:NB plan	Engineer	:Andy Wang



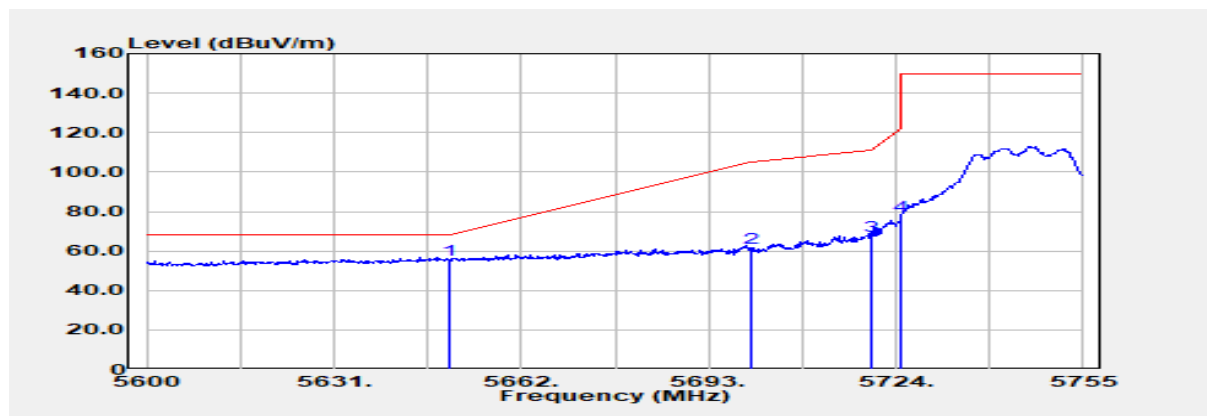
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	64.27	-1.98	62.29	68.20	-5.91

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Report Number	:E2/2020/C0073	Test Site	:966 Chamber D
Operation Mode	:802.11ax20 Band4	Test Date	:2021-01-16
Test Frequency	:5745 MHz	Temp./Humi.	:18.5/48
Test Mode	:BE CH LOW	Antenna Pol.	:Vertical
EUT Pol	:NB plan	Engineer	:Andy Wang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.000	Peak	57.84	-2.00	55.84	68.20	-12.36
5700.000	Peak	63.55	-2.17	61.39	105.20	-43.81
5720.000	Peak	69.11	-1.70	67.41	110.80	-43.39
5725.000	Peak	79.90	-1.98	77.92	122.20	-44.28

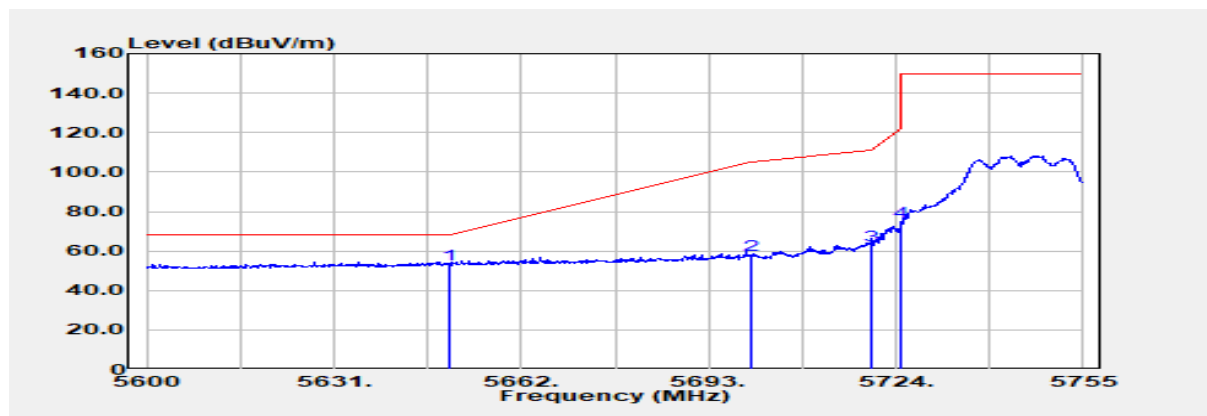
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Report Number :E2/2020/C0073
Operation Mode :802.11ax20 Band4
Test Frequency :5745 MHz
Test Mode :BE CH LOW
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-16
Temp./Humi. :18.5/48
Antenna Pol. :Horizontal
Engineer :Andy Wang



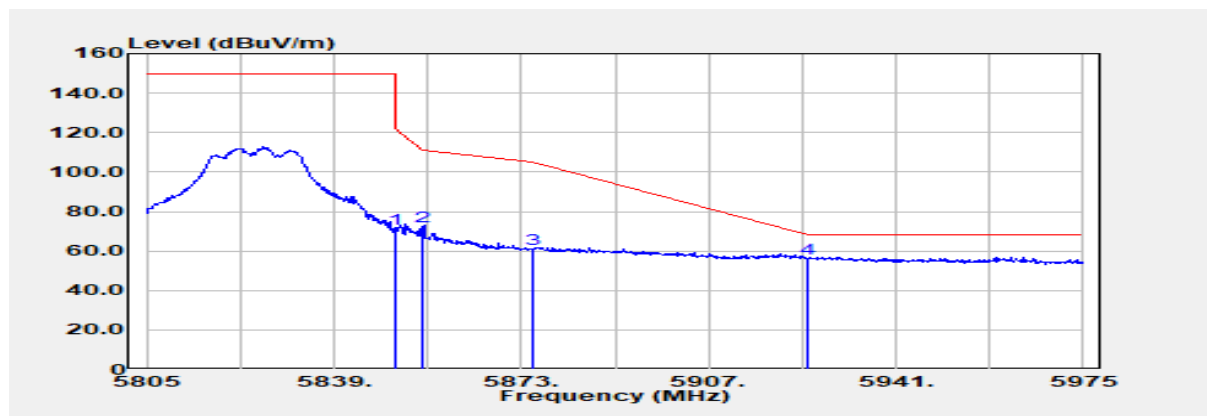
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.000	Peak	55.24	-2.00	53.24	68.20	-14.96
5700.000	Peak	60.07	-2.17	57.90	105.20	-47.30
5720.000	Peak	64.67	-1.70	62.98	110.80	-47.82
5725.000	Peak	76.72	-1.98	74.74	122.20	-47.46

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Report Number	:E2/2020/C0073	Test Site	:966 Chamber D
Operation Mode	:802.11ax20 Band4	Test Date	:2021-01-16
Test Frequency	:5825 MHz	Temp./Humi.	:18.5/48
Test Mode	:BE CH HIGH	Antenna Pol.	:Vertical
EUT Pol	:NB plan	Engineer	:Andy Wang



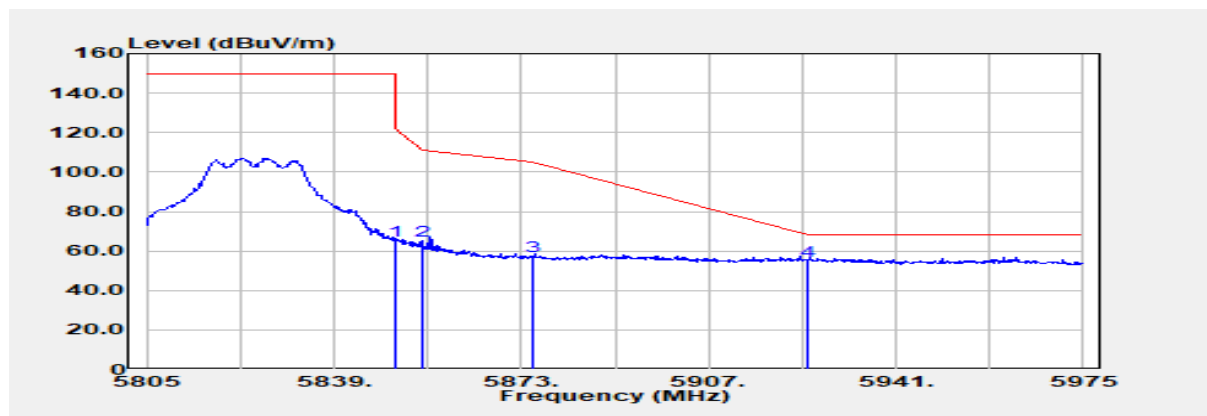
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	72.98	-1.57	71.41	122.20	-50.79
5855.000	Peak	73.95	-1.42	72.53	110.80	-38.27
5875.000	Peak	62.54	-1.42	61.12	105.20	-44.08
5925.000	Peak	57.40	-0.99	56.41	68.20	-11.79

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Report Number	:E2/2020/C0073	Test Site	:966 Chamber D
Operation Mode	:802.11ax20 Band4	Test Date	:2021-01-16
Test Frequency	:5825 MHz	Temp./Humi.	:18.5/48
Test Mode	:BE CH HIGH	Antenna Pol.	:Horizontal
EUT Pol	:NB plan	Engineer	:Andy Wang



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	66.60	-1.57	65.03	122.20	-57.17
5855.000	Peak	66.54	-1.42	65.12	110.80	-45.68
5875.000	Peak	58.56	-1.42	57.14	105.20	-48.06
5925.000	Peak	56.07	-0.99	55.08	68.20	-13.12

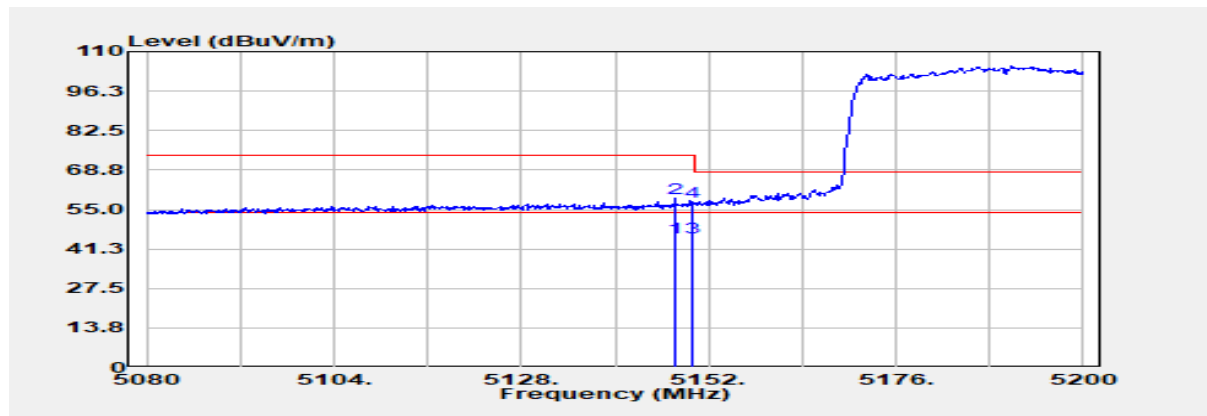
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Report Number :E2/2020/C0073
Operation Mode :802.11ax40 Band1
Test Frequency :5190 MHz
Test Mode :BE CH LOW
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-18
Temp./Humi. :19.4/44
Antenna Pol. :Vertical
Engineer :Andy Wang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5147.680	Average	47.65	-2.39	45.26	54.00	-8.74
5147.680	Peak	61.44	-2.39	59.05	74.00	-14.95
5150.000	Average	47.82	-2.43	45.39	54.00	-8.61
5150.000	Peak	59.99	-2.43	57.56	74.00	-16.44

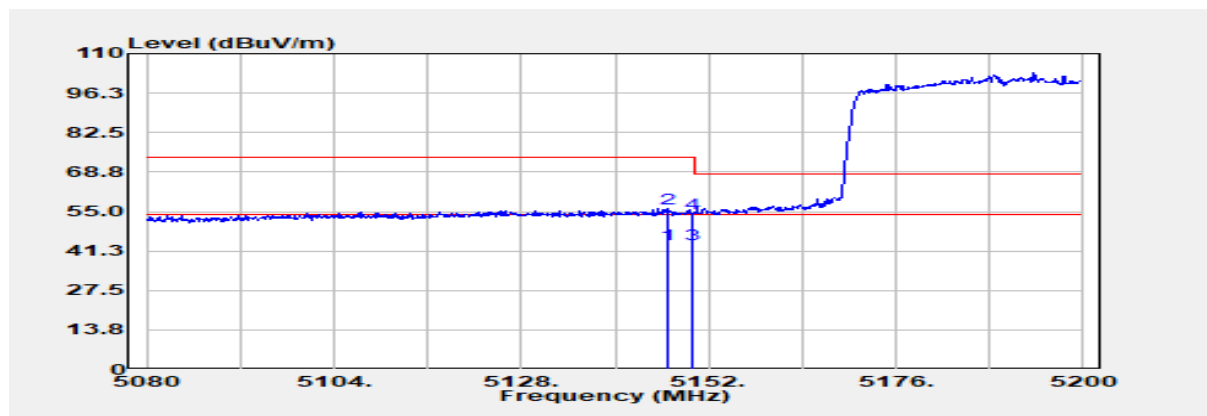
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Report Number :E2/2020/C0073
Operation Mode :802.11ax40 Band1
Test Frequency :5190 MHz
Test Mode :BE CH LOW
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-18
Temp./Humi. :19.4/44
Antenna Pol. :Horizontal
Engineer :Andy Wang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5146.840	Average	45.89	-2.38	43.51	54.00	-10.49
5146.840	Peak	58.57	-2.38	56.19	74.00	-17.81
5150.000	Average	46.12	-2.43	43.69	54.00	-10.31
5150.000	Peak	56.88	-2.43	54.45	74.00	-19.55

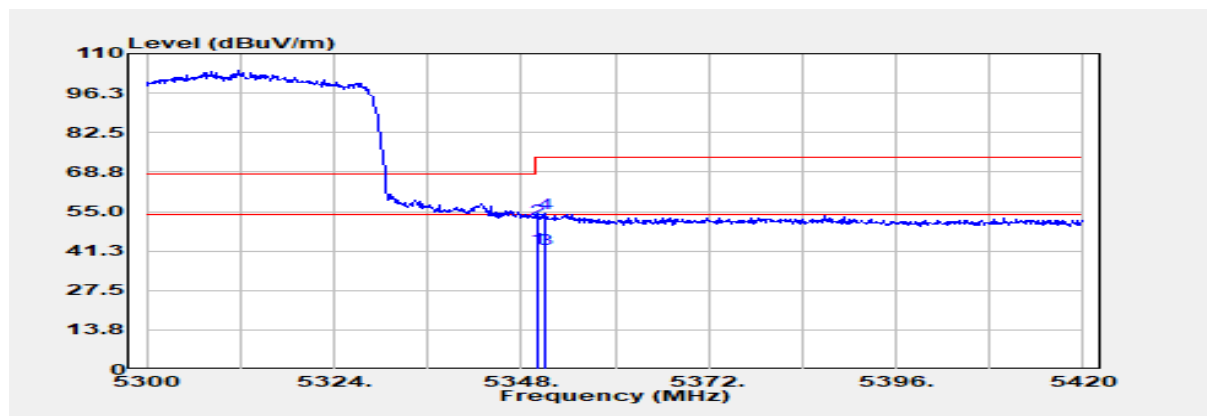
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Report Number :E2/2020/C0073
Operation Mode :802.11ax40 Band2
Test Frequency :5310 MHz
Test Mode :BE CH HIGH
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-18
Temp./Humi. :19.4/44
Antenna Pol. :Vertical
Engineer :Andy Wang



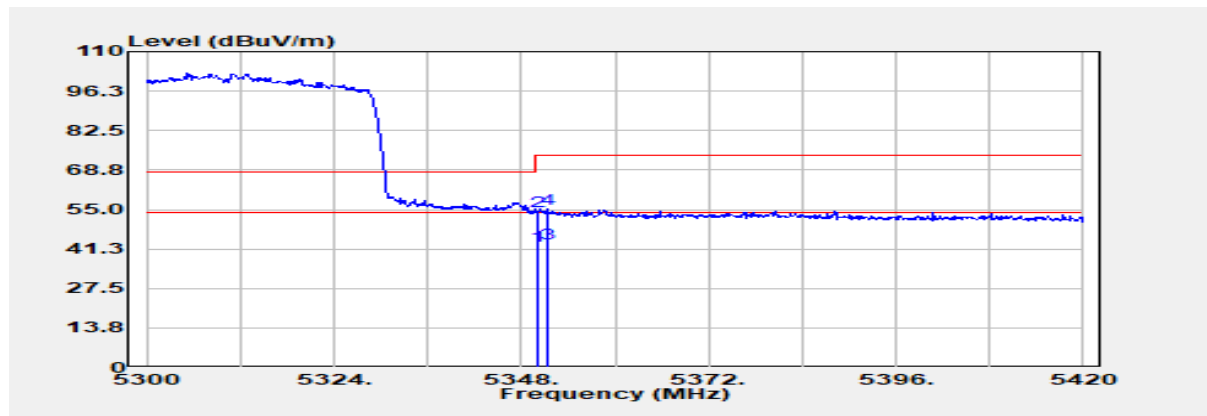
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	44.97	-2.76	42.21	54.00	-11.79
5350.000	Peak	55.21	-2.76	52.44	74.00	-21.56
5351.000	Average	44.65	-2.81	41.84	54.00	-12.16
5351.000	Peak	57.38	-2.81	54.58	74.00	-19.42

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Report Number	:E2/2020/C0073	Test Site	:966 Chamber D
Operation Mode	:802.11ax40 Band2	Test Date	:2021-01-18
Test Frequency	:5310 MHz	Temp./Humi.	:19.4/44
Test Mode	:BE CH HIGH	Antenna Pol.	:Horizontal
EUT Pol	:NB plan	Engineer	:Andy Wang



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	45.03	-2.76	42.26	54.00	-11.74
5350.000	Peak	57.19	-2.76	54.43	74.00	-19.57
5351.480	Average	46.00	-2.83	43.17	54.00	-10.83
5351.480	Peak	58.03	-2.83	55.21	74.00	-18.79

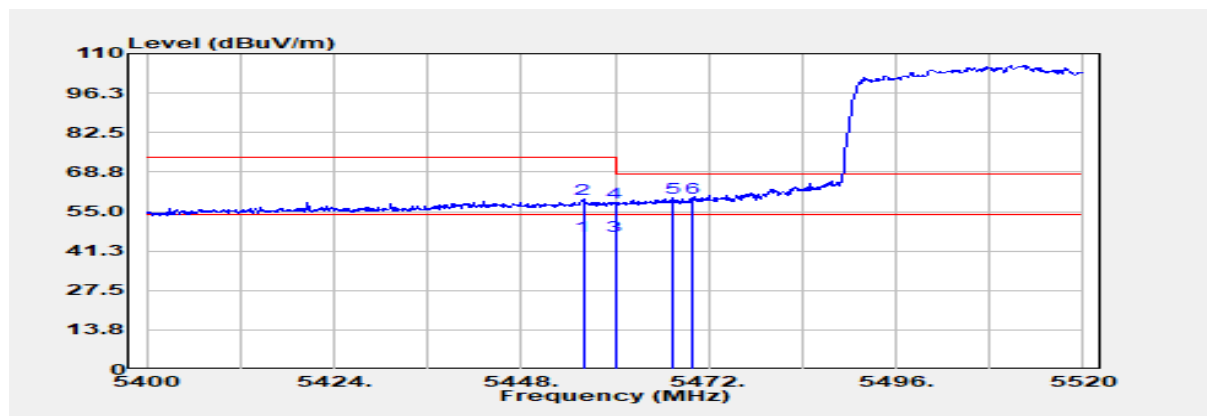
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Report Number :E2/2020/C0073
Operation Mode :802.11ax40 Band3
Test Frequency :5510 MHz
Test Mode :BE CH LOW
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-18
Temp./Humi. :19.4/44
Antenna Pol. :Vertical
Engineer :Andy Wang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5455.920	Average	48.61	-2.28	46.33	54.00	-7.67
5455.920	Peak	61.79	-2.28	59.51	74.00	-14.49
5460.000	Average	48.62	-2.18	46.43	54.00	-7.57
5460.000	Peak	60.27	-2.18	58.09	74.00	-15.91
5467.320	Peak	61.98	-2.30	59.67	68.20	-8.53
5470.000	Peak	62.24	-2.35	59.90	68.20	-8.30

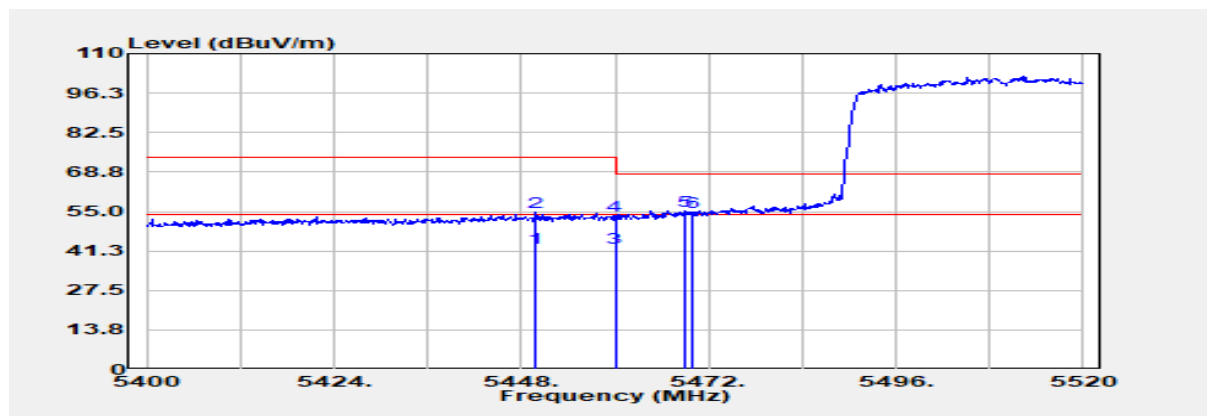
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Report Number :E2/2020/C0073
Operation Mode :802.11ax40 Band3
Test Frequency :5510 MHz
Test Mode :BE CH LOW
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-18
Temp./Humi. :19.4/44
Antenna Pol. :Horizontal
Engineer :Andy Wang



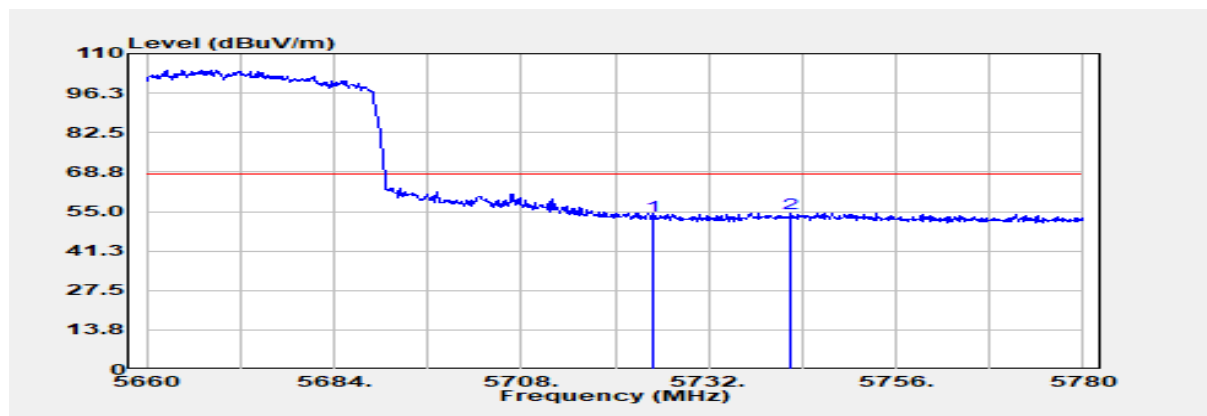
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5449.920	Average	44.71	-2.41	42.30	54.00	-11.70
5449.920	Peak	57.19	-2.41	54.77	74.00	-19.23
5460.000	Average	44.44	-2.18	42.26	54.00	-11.74
5460.000	Peak	55.66	-2.18	53.47	74.00	-20.53
5468.880	Peak	57.64	-2.33	55.31	68.20	-12.89
5470.000	Peak	57.23	-2.35	54.88	68.20	-13.32

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Report Number	:E2/2020/C0073	Test Site	:966 Chamber D
Operation Mode	:802.11ax40 Band3	Test Date	:2021-01-18
Test Frequency	:5670 MHz	Temp./Humi.	:19.4/44
Test Mode	:BE CH HIGH	Antenna Pol.	:Vertical
EUT Pol	:NB plan	Engineer	:Andy Wang



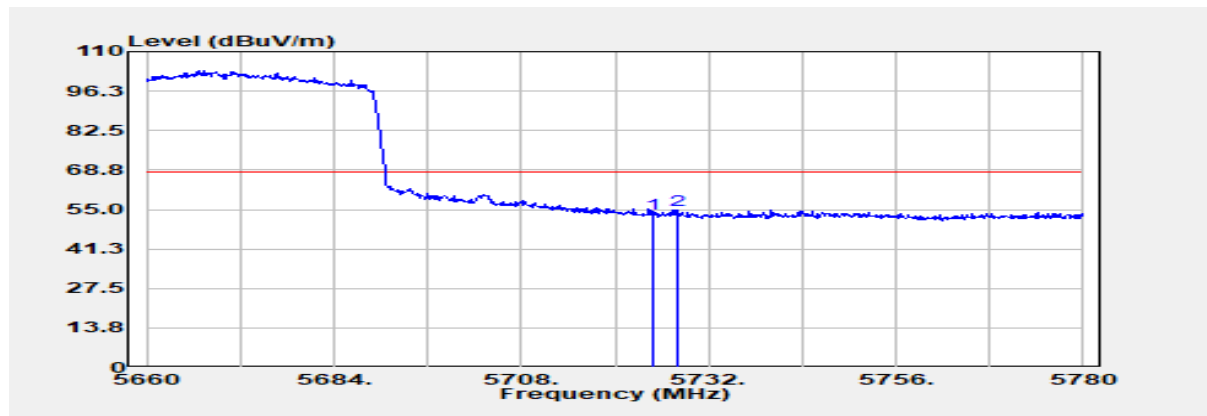
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	55.38	-1.98	53.40	68.20	-14.80
5742.440	Peak	55.80	-1.43	54.36	68.20	-13.84

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Report Number	:E2/2020/C0073	Test Site	:966 Chamber D
Operation Mode	:802.11ax40 Band3	Test Date	:2021-01-18
Test Frequency	:5670 MHz	Temp./Humi.	:19.4/44
Test Mode	:BE CH HIGH	Antenna Pol.	:Horizontal
EUT Pol	:NB plan	Engineer	:Andy Wang



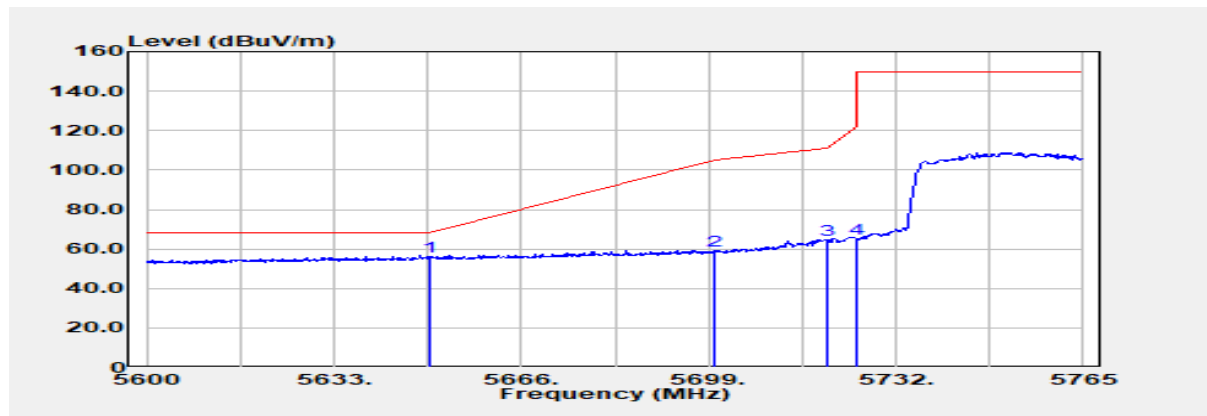
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	55.69	-1.98	53.71	68.20	-14.49
5728.160	Peak	57.12	-2.15	54.97	68.20	-13.23

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Report Number	:E2/2020/C0073	Test Site	:966 Chamber D
Operation Mode	:802.11ax40 Band4	Test Date	:2021-01-18
Test Frequency	:5755 MHz	Temp./Humi.	:19.4/44
Test Mode	:BE CH LOW	Antenna Pol.	:Vertical
EUT Pol	:NB plan	Engineer	:Andy Wang



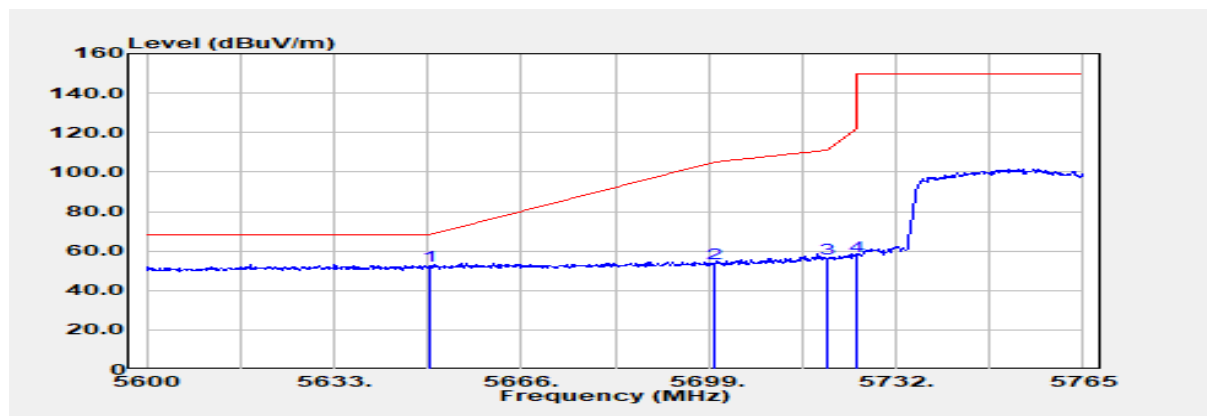
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5650.000	Peak	58.27	-2.00	56.28	68.20	-11.92
5700.000	Peak	61.04	-2.17	58.88	105.20	-46.32
5720.000	Peak	66.00	-1.70	64.31	110.80	-46.49
5725.000	Peak	67.21	-1.98	65.24	122.20	-56.96

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Report Number	:E2/2020/C0073	Test Site	:966 Chamber D
Operation Mode	:802.11ax40 Band4	Test Date	:2021-01-18
Test Frequency	:5755 MHz	Temp./Humi.	:19.4/44
Test Mode	:BE CH LOW	Antenna Pol.	:Horizontal
EUT Pol	:NB plan	Engineer	:Andy Wang



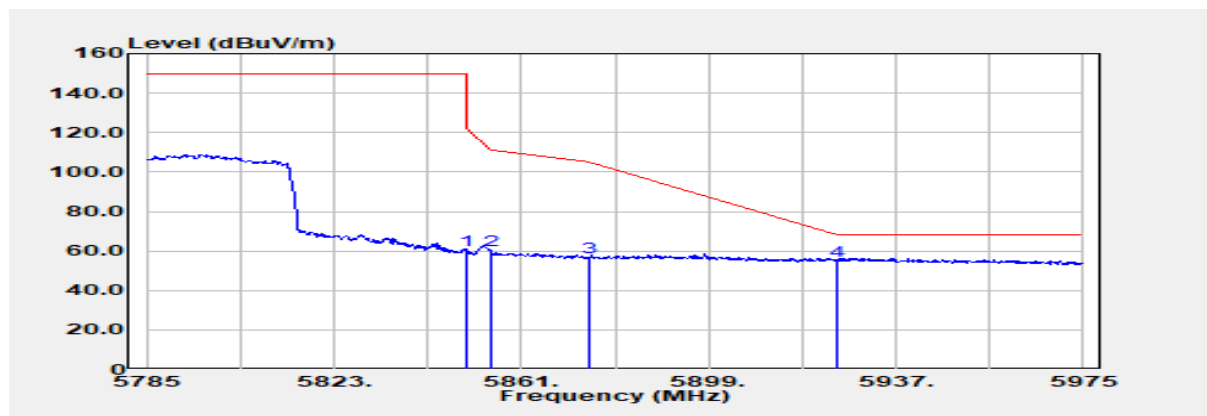
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5650.000	Peak	54.63	-2.00	52.63	68.20	-15.57
5700.000	Peak	56.03	-2.17	53.86	105.20	-51.34
5720.000	Peak	58.10	-1.70	56.41	110.80	-54.39
5725.000	Peak	59.56	-1.98	57.58	122.20	-64.62

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Report Number	:E2/2020/C0073	Test Site	:966 Chamber D
Operation Mode	:802.11ax40 Band4	Test Date	:2021-01-18
Test Frequency	:5795 MHz	Temp./Humi.	:19.4/44
Test Mode	:BE CH HIGH	Antenna Pol.	:Vertical
EUT Pol	:NB plan	Engineer	:Andy Wang



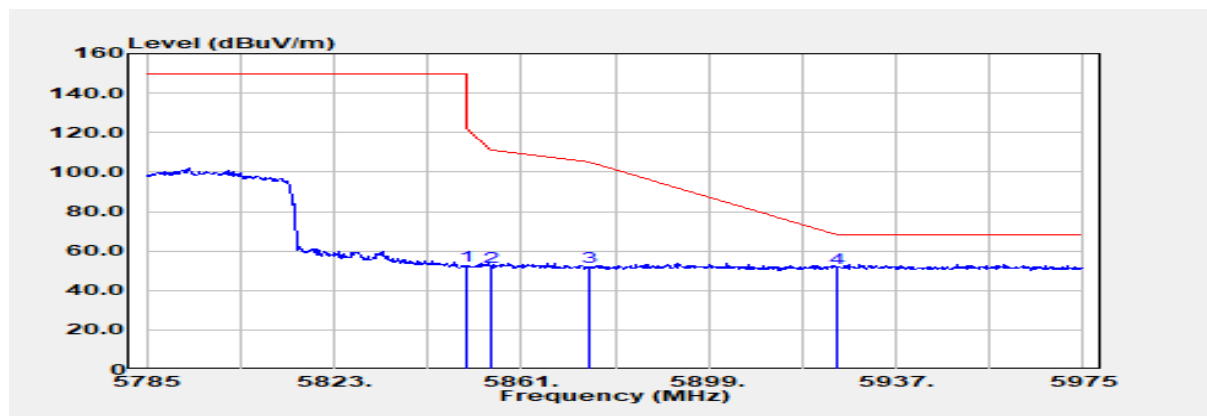
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5850.000	Peak	61.93	-1.57	60.35	122.20	-61.85
5855.000	Peak	61.85	-1.42	60.43	110.80	-50.37
5875.000	Peak	58.24	-1.42	56.82	105.20	-48.38
5925.000	Peak	56.06	-0.99	55.07	68.20	-13.13

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Report Number	:E2/2020/C0073	Test Site	:966 Chamber D
Operation Mode	:802.11ax40 Band4	Test Date	:2021-01-18
Test Frequency	:5795 MHz	Temp./Humi.	:19.4/44
Test Mode	:BE CH HIGH	Antenna Pol.	:Horizontal
EUT Pol	:NB plan	Engineer	:Andy Wang



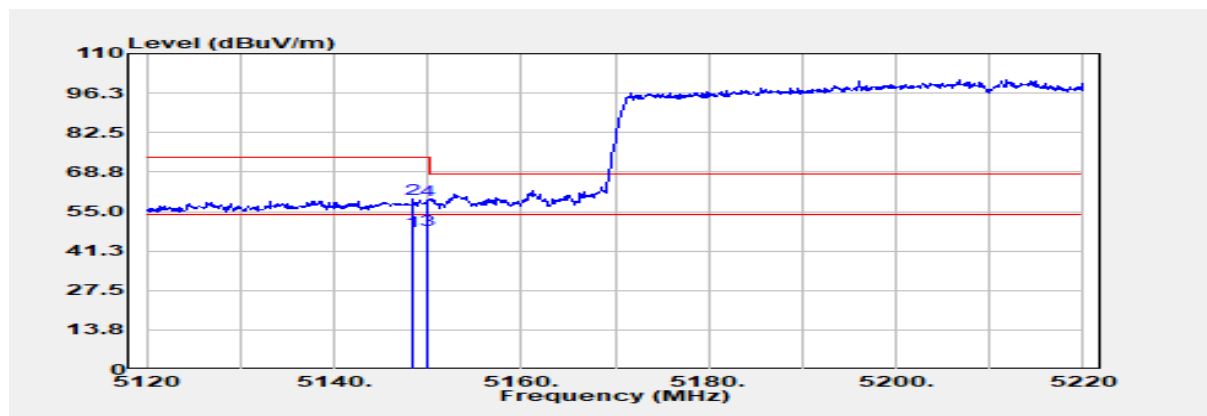
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	54.03	-1.57	52.46	122.20	-69.74
5855.000	Peak	53.52	-1.42	52.11	110.80	-58.69
5875.000	Peak	53.33	-1.42	51.91	105.20	-53.29
5925.000	Peak	52.39	-0.99	51.39	68.20	-16.81

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Report Number	:E2/2020/C0073	Test Site	:966 Chamber D
Operation Mode	:802.11ax80 Band1	Test Date	:2021-01-18
Test Frequency	:5210 MHz	Temp./Humi.	:19.4/44
Test Mode	:BE CH LOW	Antenna Pol.	:Vertical
EUT Pol	:NB plan	Engineer	:Andy Wang



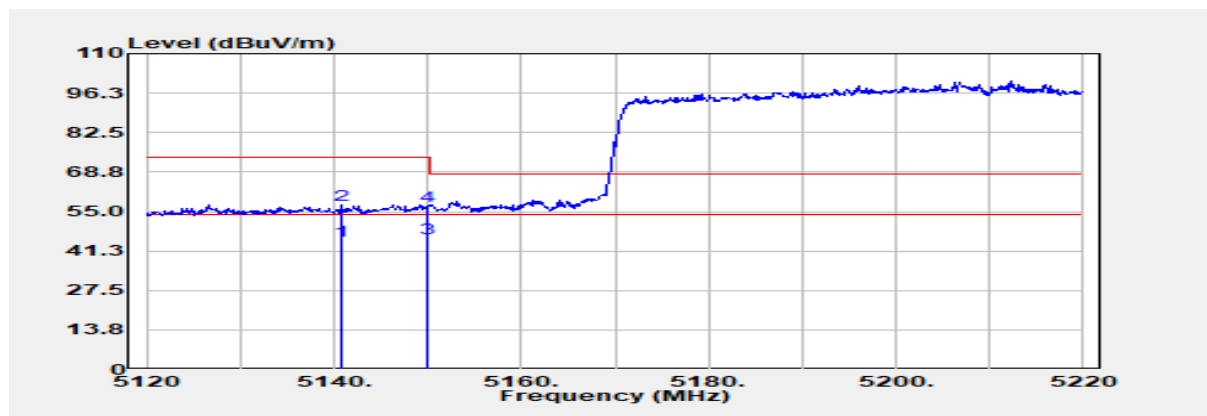
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5148.500	Average	50.50	-2.41	48.09	54.00	-5.91
5148.500	Peak	61.84	-2.41	59.43	74.00	-14.57
5150.000	Average	51.09	-2.43	48.66	54.00	-5.34
5150.000	Peak	61.53	-2.43	59.10	74.00	-14.90

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Report Number	:E2/2020/C0073	Test Site	:966 Chamber D
Operation Mode	:802.11ax80 Band1	Test Date	:2021-01-18
Test Frequency	:5210 MHz	Temp./Humi.	:19.4/44
Test Mode	:BE CH LOW	Antenna Pol.	:Horizontal
EUT Pol	:NB plan	Engineer	:Andy Wang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5140.700	Average	46.94	-2.29	44.65	54.00	-9.35
5140.700	Peak	59.58	-2.29	57.29	74.00	-16.71
5150.000	Average	47.91	-2.43	45.48	54.00	-8.52
5150.000	Peak	59.10	-2.43	56.67	74.00	-17.33

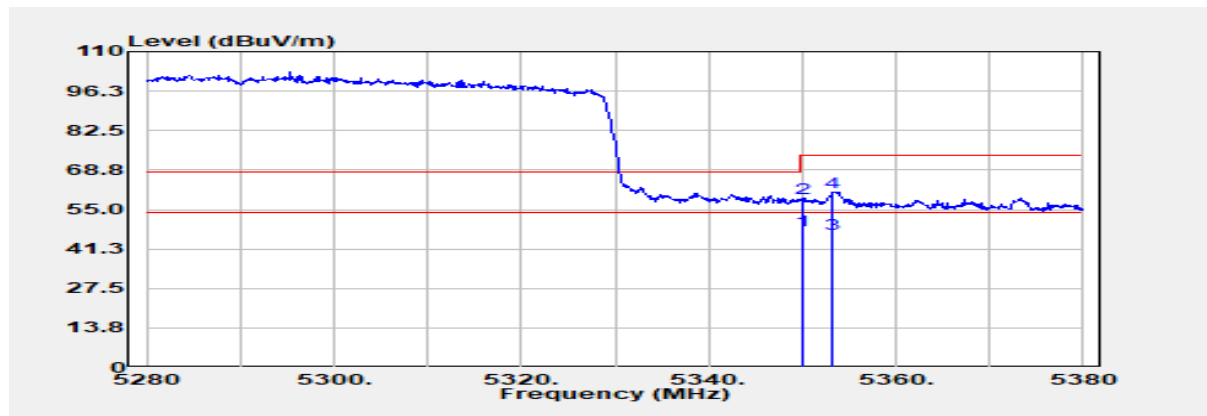
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Report Number :E2/2020/C0073
Operation Mode :802.11ax80 Band2
Test Frequency :5290 MHz
Test Mode :BE CH HIGH
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-18
Temp./Humi. :19.4/44
Antenna Pol. :Vertical
Engineer :Andy Wang



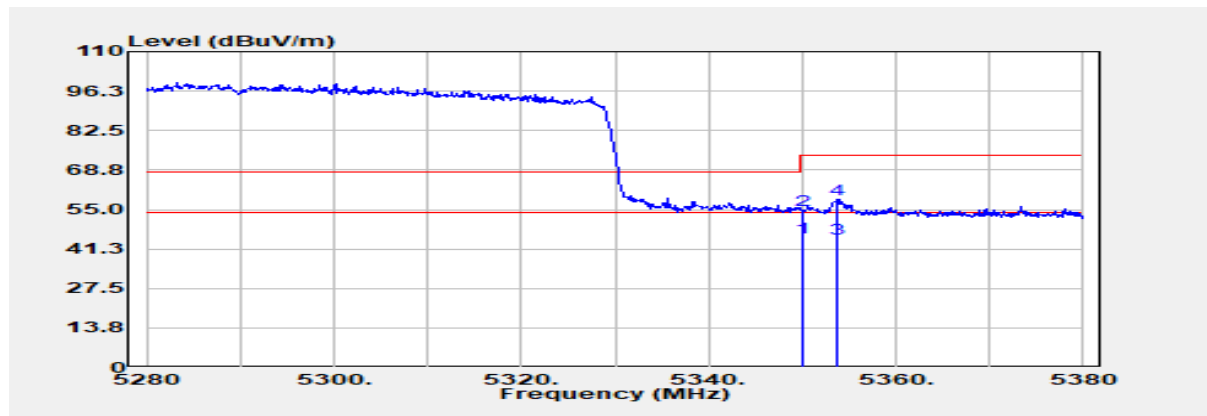
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	50.53	-2.76	47.77	54.00	-6.23
5350.000	Peak	61.79	-2.76	59.03	74.00	-14.97
5353.200	Average	49.47	-2.90	46.57	54.00	-7.43
5353.200	Peak	63.89	-2.90	60.99	74.00	-13.01

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Report Number	:E2/2020/C0073	Test Site	:966 Chamber D
Operation Mode	:802.11ax80 Band2	Test Date	:2021-01-18
Test Frequency	:5290 MHz	Temp./Humi.	:19.4/44
Test Mode	:BE CH HIGH	Antenna Pol.	:Horizontal
EUT Pol	:NB plan	Engineer	:Andy Wang



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	48.05	-2.76	45.29	54.00	-8.71
5350.000	Peak	57.58	-2.76	54.81	74.00	-19.19
5353.800	Average	47.67	-2.93	44.74	54.00	-9.26
5353.800	Peak	61.62	-2.93	58.69	74.00	-15.31

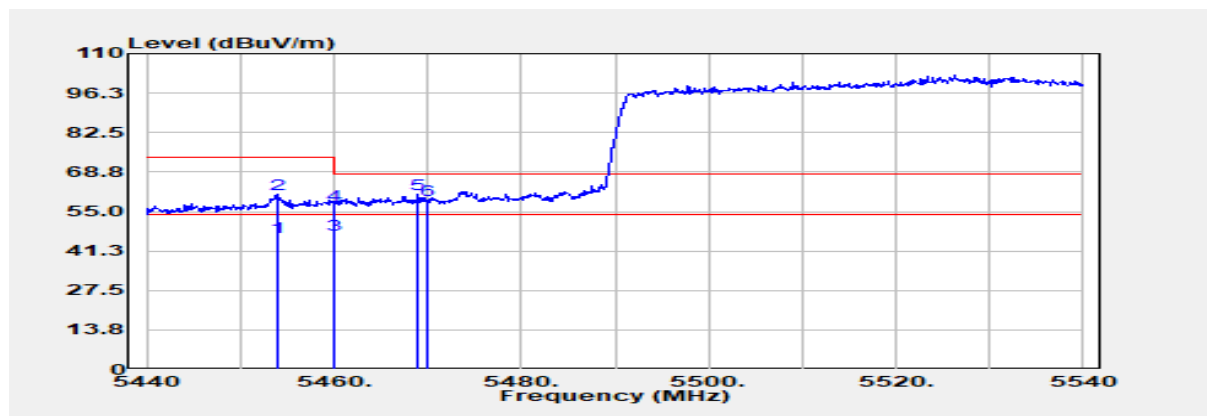
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Report Number :E2/2020/C0073
Operation Mode :802.11ax80 Band3
Test Frequency :5530 MHz
Test Mode :BE CH LOW
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-18
Temp./Humi. :19.4/44
Antenna Pol. :Vertical
Engineer :Andy Wang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5454.000	Average	48.36	-2.32	46.04	54.00	-7.96
5454.000	Peak	63.19	-2.32	60.87	74.00	-13.13
5460.000	Average	49.23	-2.18	47.05	54.00	-6.95
5460.000	Peak	59.52	-2.18	57.34	74.00	-16.66
5469.000	Peak	63.29	-2.33	60.96	68.20	-7.24
5470.000	Peak	61.19	-2.35	58.84	68.20	-9.36

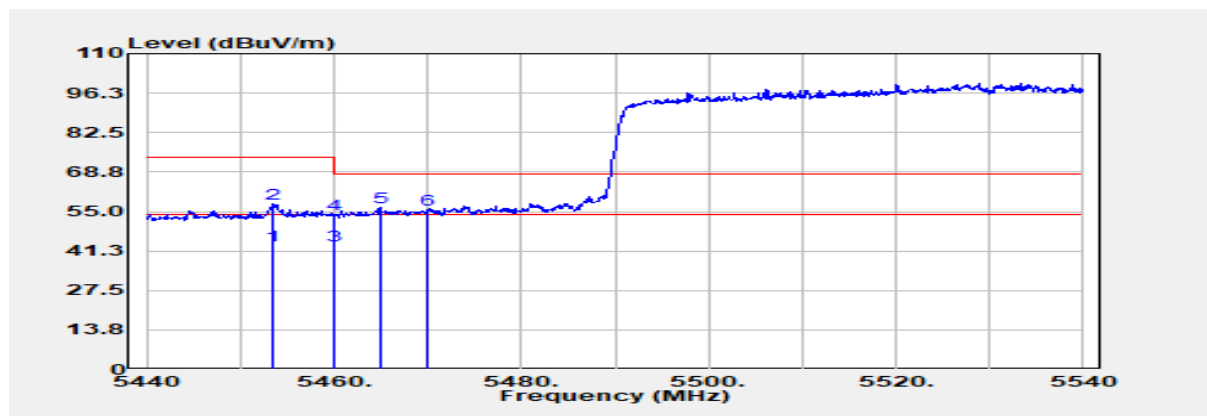
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Report Number :E2/2020/C0073
Operation Mode :802.11ax80 Band3
Test Frequency :5530 MHz
Test Mode :BE CH LOW
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-18
Temp./Humi. :19.4/44
Antenna Pol. :Horizontal
Engineer :Andy Wang



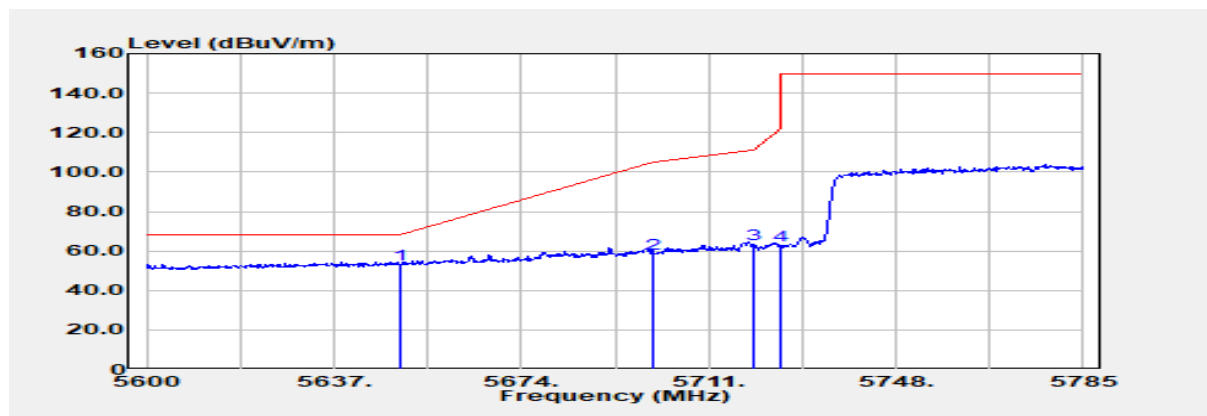
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5453.400	Average	45.62	-2.34	43.28	54.00	-10.72
5453.400	Peak	59.95	-2.34	57.62	74.00	-16.38
5460.000	Average	45.46	-2.18	43.28	54.00	-10.72
5460.000	Peak	56.19	-2.18	54.01	74.00	-19.99
5465.000	Peak	58.52	-2.27	56.25	68.20	-11.95
5470.000	Peak	57.79	-2.35	55.44	68.20	-12.76

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Report Number	:E2/2020/C0073	Test Site	:966 Chamber D
Operation Mode	:802.11ax80 Band4	Test Date	:2021-01-18
Test Frequency	:5775 MHz	Temp./Humi.	:19.4/44
Test Mode	:BE CH LOW	Antenna Pol.	:Vertical
EUT Pol	:NB plan	Engineer	:Andy Wang



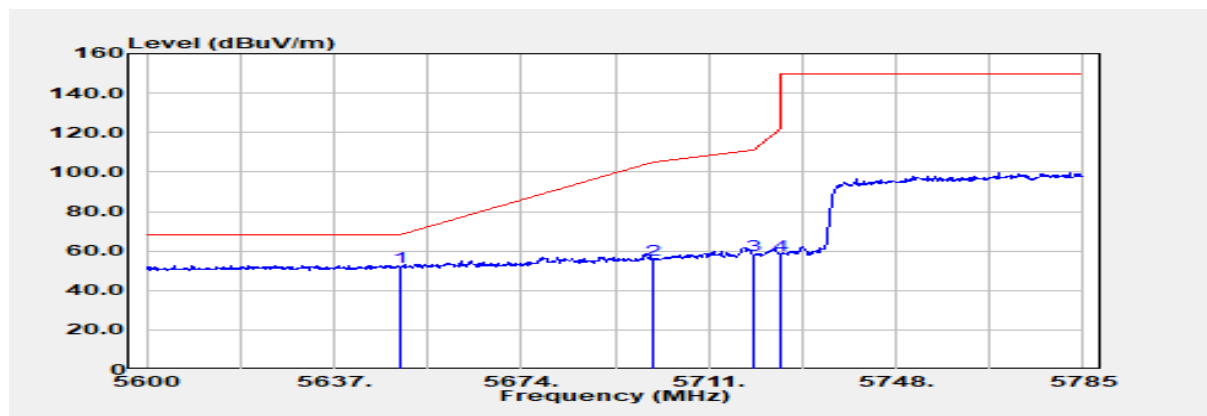
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level d μ V	Factor dB	Actual FS d μ V/m	Limit @3m d μ V/m	Margin dB
5650.000	Peak	54.96	-2.00	52.96	68.20	-15.24
5700.000	Peak	60.60	-2.17	58.43	105.20	-46.77
5720.000	Peak	64.98	-1.70	63.29	110.80	-47.51
5725.000	Peak	65.03	-1.98	63.05	122.20	-59.15

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Report Number	:E2/2020/C0073	Test Site	:966 Chamber D
Operation Mode	:802.11ax80 Band4	Test Date	:2021-01-18
Test Frequency	:5775 MHz	Temp./Humi.	:19.4/44
Test Mode	:BE CH LOW	Antenna Pol.	:Horizontal
EUT Pol	:NB plan	Engineer	:Andy Wang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5650.000	Peak	53.77	-2.00	51.77	68.20	-16.43
5700.000	Peak	57.91	-2.17	55.75	105.20	-49.45
5720.000	Peak	59.83	-1.70	58.13	110.80	-52.67
5725.000	Peak	60.22	-1.98	58.25	122.20	-63.95

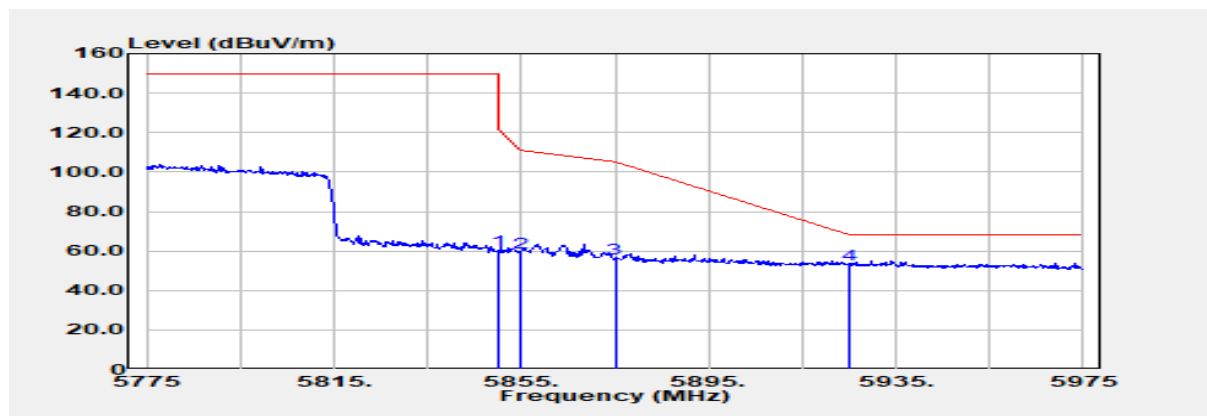
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Report Number :E2/2020/C0073
Operation Mode :802.11ax80 Band4
Test Frequency :5775 MHz
Test Mode :BE CH HIGH
EUT Pol :NB plan

Test Site :966 Chamber D
Test Date :2021-01-18
Temp./Humi. :19.4/44
Antenna Pol. :Vertical
Engineer :Andy Wang



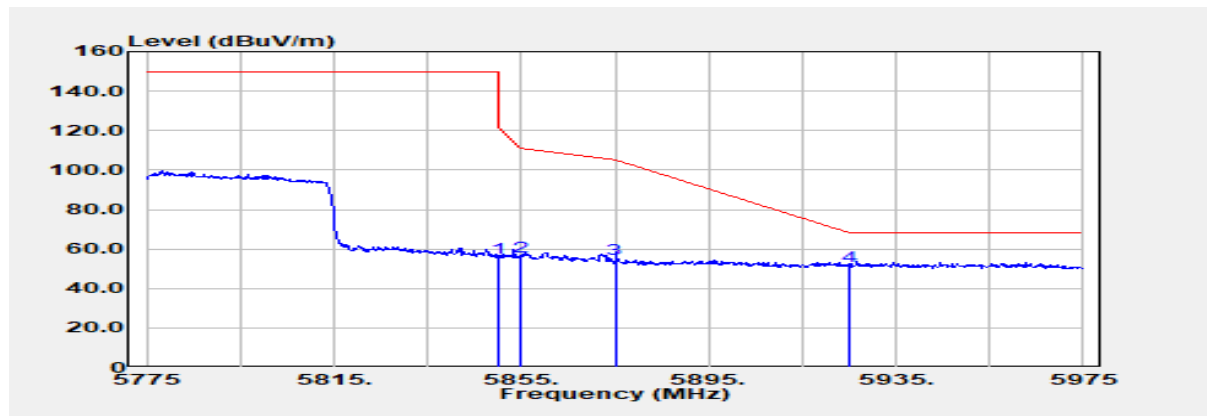
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	62.13	-1.57	60.56	122.20	-61.64
5855.000	Peak	60.87	-1.42	59.45	110.80	-51.35
5875.000	Peak	57.60	-1.42	56.18	105.20	-49.02
5925.000	Peak	53.95	-0.99	52.96	68.20	-15.24

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Report Number	:E2/2020/C0073	Test Site	:966 Chamber D
Operation Mode	:802.11ax80 Band4	Test Date	:2021-01-18
Test Frequency	:5775 MHz	Temp./Humi.	:19.4/44
Test Mode	:BE CH HIGH	Antenna Pol.	:Horizontal
EUT Pol	:NB plan	Engineer	:Andy Wang



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	57.27	-1.57	55.70	122.20	-66.50
5855.000	Peak	57.50	-1.42	56.09	110.80	-54.71
5875.000	Peak	56.09	-1.42	54.66	105.20	-50.54
5925.000	Peak	52.12	-0.99	51.13	68.20	-17.07

~ End of Report ~

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