

ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT

CLASS II PC REPORT

OF

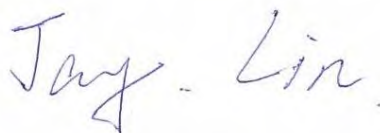
FCC Applicant: Acer Incorporated
8F., No. 88, Sec. 1, Xintai 5th Rd., Xizhi, New Taipei City
22181, Taiwan (R.O.C)
Product Name: 2TX 11ax (WiFi6) + BLE Combo Card
Brand Name: Acer
Model No.: AI7921
Model Difference: N/A
Report Number: E2/2020/C0053
FCC ID HLZAI7921W
FCC Rule Part: §15.407, Cat: U-NII
Issue Date: March 25, 2021
Date of Test: December 24, 2020 - March 22, 2021
Date of EUT Received: December 24, 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:



Jay Lin / Asst. Supervisor



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Revision History

Report Number	Revision	Description	Issue Date	Revised By
E2/2020/C0053	Rev.00	Original.	March 25, 2021	Yi-Shan Tsai

Note:

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

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Contents

1	GENERAL INFORMATION	4
2	SYSTEM TEST CONFIGURATION	9
3	SUMMARY OF TEST RESULT	12
4	DESCRIPTION OF TEST MODES	13
5	MEASUREMENT UNCERTAINTY	19
6	MAXIMUM CONDUCTED OUTPUT POWER MEASUREMENT	20
7	UNDESIRABLE RADIATED EMISSION MEASUREMENT	26

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1 GENERAL INFORMATION

1.1 Product Description

Product Name:	2TX 11ax (WiFi6) + BLE Combo Card
Brand Name:	Acer
Model No.:	AI7921
Model Difference:	N/A
Hardware Version:	N/A
Software Version:	N/A
EUT Series No.:	4810MH010002035AD0DE6600
Power Supply:	15.4Vdc from Rechargeable Li-polymer Battery Pack or 19Vdc from AC/DC Adapter

1.2 Modulation & Data Rate

Modulation type:	64QAM, 16QAM, QPSK, BPSK for OFDM 256QAM for OFDM in 802.11ac only 1024QAM for OFDMA in 802.11ax only
Transission Rate	802.11 a: 6.5 – 54 Mbps 802.11 n_20MHz: 6.5 – 144.4Mbps 802.11 n_40MHz: 13.5 – 300.0Mbps 802.11 ac_80MHz: 29.3 – 866.6Mbps 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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1.3 Antenna Designation

WLAN_for NB

Antenna Type	Supplier	Main / Aux	Antenna Part No.	Freq. (MHz)	Peak Antenna Gain (dBi)	Worst Antenna Gain
PIFA	WNC	Main	025.901VE.0001	5150~5250	-0.86	V
				5250~5350	-0.86	V
				5470~5725	-0.45	V
				5725~5850	-0.45	V
		Aux	025.901VF.0001	5150~5250	-1.97	
				5250~5350	-1.97	
				5470~5725	-0.71	
				5725~5850	-1.28	

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	Freq.(MHz)	Peak Gain (dBi)
PIFA	5150~5250	1.61
	5250~5350	1.61
	5470~5725	2.43
	5725~5850	2.16

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WLAN_for TB

Antenna Type	Supplier	Main / Aux	Antenna Part No.	Freq. (MHz)	Peak Antenna Gain (dBi)	Worst Antenna Gain
PIFA	WNC	Main	025.901VE.0001	5150~5250	-1.38	V
				5250~5350	-1.30	V
				5470~5725	-0.37	V
				5725~5850	-0.30	V
		Aux	025.901VF.0001	5150~5250	-2.35	
				5250~5350	-3.38	
				5470~5725	-2.11	
				5725~5850	-2.11	

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	Freq.(MHz)	Peak Gain (dBi)
PIFA	5150~5250	1.16
	5250~5350	0.73
	5470~5725	1.81
	5725~5850	1.85

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1.4 FCC

Wi-Fi	Frequency Range	Channels	Rated Power(Avg) (dBm) (Worst Case)	Modulation Technology
a n_HT ac_VHT ax_HE 20M	5180~5240	4	20.64 dBm	OFDM
	5260~5320	4	21.34 dBm	OFDM
	5500~5700	11	20.35 dBm	OFDM
	5745-5825	5	22.70 dBm	OFDM
n_HT ac_VHT ax_HE 40M	5190~5230	2	17.80 dBm	OFDMA
	5270~5310	2	17.87 dBm	OFDMA
	5510~5670	5	20.36 dBm	OFDMA
	5755-5795	2	20.47 dBm	OFDMA
ac_VHT ax_HE 80M	5210	1	16.90 dBm	OFDM
	5290	1	16.90 dBm	OFDMA
	5530~5690	3	17.41 dBm	OFDMA
	5775	1	19.48 dBm	OFDMA

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1.5 Test Methodology of Applied Standards

FCC Part 15, Subpart E §15.407

FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

ANSI C63.10:2013

1.6 Test Facility

Laboratory	Test Site Address		FCC Designation number	IC CAB identifier
SGS Taiwan Ltd. Central RF Lab. (TAF code 3702)	☐	No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan.	TW0027	TW3702
	☒	No.2, Keji 1st Rd., Guishan District, Taoyuan City, Taiwan 333	TW0028	

1.7 Special Accessories

There are no special accessories used while test was conducted.

1.8 Equipment Modifications

There was no modification incorporated into the EUT.

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2 SYSTEM TEST CONFIGURATION

2.1 EUT Configuration

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

2.2 EUT Exercise

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

2.3 Test Procedure

2.3.1 Conducted Emissions

The EUT is placed on a table which is 0.8 m above ground plane. Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz. The CISPR Quasi-Peak and Average detector mode is employed. The two LISNs provide 50uH/50 ohm of coupling impedance for the measuring instrument. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.

2.3.2 Conducted Test (RF)

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

2.3.3 Radiated Emissions

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

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2.4 Measurement Results Explanation Example

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

Radiated emission below 30MHz is measured in a 9m*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 Configuration



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



Table 2-1 Equipment Used in Tested System

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	Data Cable	Power Cord
1.	WLAN Test Software	N/A	N/A	N/A	N/A	N/A
2	Adaptor	DELTA	ADP-45FE F	N/A	N/A	N/A
3	Power Meter	Anritsu	ML2496A	1512003	N/A	N/A

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3 SUMMARY OF TEST RESULT

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

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4 DESCRIPTION OF TEST MODES

4.1 Operating in U-NII Bands

Operated band in 5150 MHz ~5250 MHz:

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

Operated band in 5250 MHz ~5350 MHz:

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

Operated band in 5470 MHz ~5725 MHz:

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

Operated band in 5745 MHz ~5850 MHz:

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

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4.2 The Worst Test Modes and Channel Details

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

Modulation	Transmission Chain				Single Transmission Spatial	Multiple Transmission Spatial
☒ 802.11 a	☒ Ch0	☒ Ch1	☐ Ch2	☐ Ch3	☐ 1TX	☒ 2TX
☒ 802.11 n	☒ Ch0	☒ Ch1	☐ Ch2	☐ Ch3	☐ SISO	☒ MIMO
☒ 802.11 ac	☒ Ch0	☒ Ch1	☐ Ch2	☐ Ch3	☐ SISO	☒ MIMO
☒ 802.11 ax	☒ Ch0	☒ Ch1	☐ Ch2	☐ Ch3	☐ SISO	☒ MIMO

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4. Observations have been done for 802.11ax 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				
RU type					26-tone RU		52-tone RU		
RU index and subcarrier range	RU0	[-121: -96]		RU37	[-121: -70]				
	RU1	[-95: -70]		RU38	[-68: -17]				
	RU2	[-68: -43]		RU39	[17: 68]				
	RU3	[-42: -17]		RU40	[70: 121]				
	RU4	[-16: -4, 4: 16]		RU41	N/A				
	RU5	[17: 42]		RU42	N/A				
	RU6	[43: 68]		RU43	N/A				
	RU7	[70: 95]		RU44	N/A				
	RU8	[96: 121]		RU45	N/A				
	RU9	N/A		RU46	N/A				
	RU10	N/A		RU47	N/A				
	RU11	N/A		RU48	N/A				
	RU12	N/A		RU49	N/A				
	RU13	N/A		RU50	N/A				
	RU14	N/A		RU51	N/A				
	RU15	N/A		RU52	N/A				
	RU16	N/A							
	RU17	N/A		106-tone RU					
	RU18	N/A		RU53	[-122: -17]				
	RU19	N/A		RU54	[17: 122]				
	RU20	N/A		RU55	N/A				
	RU21	N/A		RU56	N/A				
	RU22	N/A		RU57	N/A				
	RU23	N/A		RU58	N/A				
	RU24	N/A		RU59	N/A				
	RU25	N/A		RU60	N/A				
	RU26	N/A							
	RU27	N/A		242-tone RU					
	RU28	N/A		RU61	[-122: -2, 2: 122]				
	RU29	N/A		RU62	N/A				
	RU30	N/A		RU63	N/A				
	RU31	N/A		RU64	N/A				
	RU32	N/A							
	RU33	N/A							
	RU34	N/A							
	RU35	N/A							
RU36	N/A								

802.11ax					40MHz				
RU type					26-tone RU		52-tone RU		
RU index and subcarrier range	RU0	[-243: -218]		RU37	[-243: -192]				
	RU1	[-217: -192]		RU38	[-189: -138]				
	RU2	[-189: -164]		RU39	[-109: -58]				
	RU3	[-163: -138]		RU40	[-55: -4]				
	RU4	[-136: -111]		RU41	[4: 55]				
	RU5	[-109: -84]		RU42	[58: 109]				
	RU6	[-83: -58]		RU43	[138: 189]				
	RU7	[-55: -30]		RU44	[192: 243]				
	RU8	[-29: -4]		RU45	N/A				
	RU9	[4: 29]		RU46	N/A				
	RU10	[30: 55]		RU47	N/A				
	RU11	[58: 83]		RU48	N/A				
	RU12	[84: 109]		RU49	N/A				
	RU13	[111: 136]		RU50	N/A				
	RU14	[138: 163]		RU51	N/A				
	RU15	[164: 189]		RU52	N/A				
	RU16	[192: 217]							
	RU17	[218: 243]		106-tone RU					
	RU18	N/A		RU53	[-243: -138]				
	RU19	N/A		RU54	[-109: -4]				
	RU20	N/A		RU55	[4: 109]				
	RU21	N/A		RU56	[138: 243]				
	RU22	N/A		RU57	N/A				
	RU23	N/A		RU58	N/A				
	RU24	N/A		RU59	N/A				
	RU25	N/A		RU60	N/A				
	RU26	N/A							
	RU27	N/A		242-tone RU					
	RU28	N/A		RU61	[-244: -3]				
	RU29	N/A		RU62	[3: 244]				
	RU30	N/A		RU63	N/A				
	RU31	N/A		RU64	N/A				
	RU32	N/A							
	RU33	N/A		484-tone RU					
	RU34	N/A		RU65	[-244: -3, 3: 244]				
	RU35	N/A		RU66	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	44	OFDM	6	2TX
	5260~5320	52 to 64	60			
	5500~5700	100 to 144	116			
	5745~5825	149 to 165	157			

Note: NB

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

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	44	OFDM	6	2TX
	5260~5320	52 to 64	60			
	5500~5700	100 to 144	116			
	5745~5825	149 to 165	157			

Note: TB

The field strength of radiation emission was measured as EUT stand-up position (H mode) and lie down position (E1, E2 mode) for channel Low, Mid and High, the worst case E2 position was reported.

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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	36,44	OFDM	6	2TX
	5260~5320	52 to 64	60,64			
	5500~5700	100 to 140	100,116,140			
	5745~5825	149 to 165	149,157,165			
802.11n_HT20	5180~5240	36 to 48	36		MCS8	MIMO
	5260~5320	52 to 64	64			
	5500~5700	100 to 140	100,140			
	5745~5825	149 to 165	149,165			
802.11n_HT40	5190~5230	38 to 46	38		MCS8	MIMO
	5270~5310	54 to 62	62			
	5510~5670	102 to 134	102,134			
	5755~5795	151 to 159	151,159			
802.11ac_VHT80	5210	42	42		MCS0	MIMO
	5290	58	58			
	5530~5610	106 to 122	106			
	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	OFDMA	FULL RU	MCS0	MIMO
	5260~5320	52 to 64	64				
	5500~5700	100 to 140	100,140				
	5745~5825	149 to 165	149,165				
802.11ax_HE40	5190~5230	38 to 46	38	OFDMA	FULL RU	MCS0	MIMO
	5270~5310	54 to 62	62				
	5510~5670	102 to 134	102,134				
	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				
	5775	155	155				

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5 MEASUREMENT UNCERTAINTY

Test Items	Uncertainty
AC Power Line Conducted Emission	+/- 2.34 dB
26dB & 6dB Emission Bandwidth	+/- 1.54 Hz
The Maximum Output Power Measurement	+/- 1 dB
Peak Power Spectral Density Measurement	+/- 1.54 dB
Frequency Stability	+/- 1.54 Hz
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

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

G_k is the gain in dBi of the kth antenna.

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

6.2 Measurement Procedure

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

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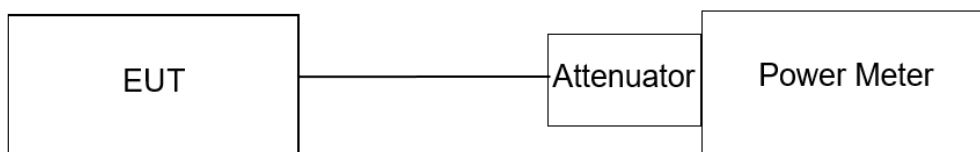
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6.3 Measurement Equipment Used

Conducted Emission Test Site: Conducted A					
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due
Spectrum Analyzer	KEYSIGHT	N9010B	MY59071574	06/24/2020	06/23/2021
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	MVE2213-10	RF07	11/19/2020	11/18/2021
DC Block	PASTERNAK	PE8210	RF151	11/19/2020	11/18/2021
I Pex4 Cables	Woken	00100A1H646027	RF501	06/01/2020	05/31/2021
I Pex4 Cables	Woken	00100A1H646027	RF502	06/01/2020	05/31/2021

6.4 Test Set-up



6.5 Measurement Result

6.5.1 Conducted output power (FCC)

WLAN_for NB

802.11a_2TX

CH	Frequency (MHz)	Data Rate	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
				CH 0	CH 1				
36	5180	6	11.5	15.33	14.53	18.10	64.522	23.98	PASS
44	5220	6	14	17.75	17.21	20.64	115.878	23.98	PASS
60	5300	6	14.5	18.32	18.05	21.34	136.012	23.98	PASS
64	5320	6	11.5	15.45	15.24	18.49	70.712	23.98	PASS
100	5500	6	13	15.71	16.43	19.23	83.822	23.98	PASS
116	5580	6	14.5	17.23	16.97	20.25	105.940	23.98	PASS
140	5700	6	13.5	17.35	17.05	20.35	108.424	23.98	PASS
149	5745	6	16	19.74	19.36	22.70	186.330	30	PASS
157	5785	6	16	19.62	19.41	22.66	184.712	30	PASS
165	5825	6	16	19.53	19.38	22.60	182.151	30	PASS

802.11n_HT20_MIMO

CH	Frequency (MHz)	Data Rate	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
				CH 0	CH 1				
36	5180	MCS8	13	15.37	14.84	18.27	67.161	23.98	PASS
64	5320	MCS8	13	15.41	15.13	18.43	69.668	23.98	PASS
100	5500	MCS8	15	16.64	16.02	19.50	89.108	23.98	PASS
140	5700	MCS8	14.5	16.77	16.38	19.74	94.134	23.98	PASS
149	5745	MCS8	16	18.68	17.71	21.38	137.408	30	PASS
165	5825	MCS8	14.5	18.34	17.78	21.23	132.651	30	PASS

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802.11n_HT40_MIMO

CH	Frequency (MHz)	Data Rate	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
				CH 0	CH 1				
38	5190	MCS8	13.5	14.42	14.12	17.57	57.125	23.98	PASS
62	5310	MCS8	13.5	14.42	14.56	17.79	60.065	23.98	PASS
102	5510	MCS8	16	16.35	15.57	19.27	84.590	23.98	PASS
134	5670	MCS8	15.5	16.46	16.08	19.57	90.570	23.98	PASS
151	5755	MCS8	16	17.31	16.47	20.21	104.857	30	PASS
159	5795	MCS8	16	17.23	16.55	20.20	104.688	30	PASS

802.11ac_VHT80_MIMO

CH	Frequency (MHz)	Data Rate	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
				CH 0	CH 1				
42	5210	MCS0	18	13.13	12.81	16.90	48.942	23.98	PASS
58	5290	MCS0	16	10.69	10.48	14.51	28.250	23.98	PASS
106	5530	MCS0	15	9.63	8.74	13.13	20.566	23.98	PASS
155	5775	MCS0	20	14.87	14.72	18.72	74.464	30	PASS

802.11ax_HE20_MIMO

CH	Frequency (MHz)	Data Rate	RU config.	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
					CH 0	CH 1				
36	5180	MCS0	full	17	15.36	14.75	18.93	78.127	23.98	PASS
64	5320	MCS0	full	15	13.26	13.37	17.18	52.212	23.98	PASS
100	5500	MCS0	full	16	13.94	13.16	17.43	55.333	23.98	PASS
140	5700	MCS0	full	15	13.14	12.71	16.79	47.782	23.98	PASS
149	5745	MCS0	full	19	17.63	16.86	21.12	129.550	30	PASS
165	5825	MCS0	full	19	17.44	17.02	21.10	128.748	30	PASS

802.11ax_HE40_MIMO

CH	Frequency (MHz)	Data Rate	RU config.	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
					CH 0	CH 1				
38	5190	MCS0	full	13	14.07	13.75	17.80	60.256	23.98	PASS
62	5310	MCS0	full	13	14.21	13.74	17.87	61.235	23.98	PASS
102	5510	MCS0	full	15.5	15.62	15.07	19.24	83.946	23.98	PASS
134	5670	MCS0	full	16	16.57	16.38	20.36	108.643	23.98	PASS
151	5755	MCS0	full	16	16.74	16.43	20.47	111.429	30	PASS
159	5795	MCS0	full	16	16.66	16.47	20.45	110.917	30	PASS

802.11ax_HE80_MIMO

CH	Frequency (MHz)	Data Rate	RU config.	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
					CH 0	CH 1				
42	5210	MCS0	full	14	13.11	12.9	16.89	48.865	23.98	PASS
58	5290	MCS0	full	14	13.31	12.71	16.90	48.978	23.98	PASS
106	5530	MCS0	full	14.5	13.88	13.14	17.41	55.081	23.98	PASS
138	5690(U-NII 2C)	MCS0	full	13	13.15	12.67	15.93	39.146	23.98	PASS
138	5690 (U-NII 3)	MCS0	full	13	-4.11	-4.48	-1.28	0.745	30	PASS
155	5775	MCS0	full	17	15.77	15.42	19.48	88.716	30	PASS

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WLAN_for TB

802.11a_2TX

CH	Frequency (MHz)	Data Rate	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
				CH 0	CH 1				
36	5180	6	11.5	15.33	14.53	18.10	64.522	23.98	PASS
44	5220	6	14	17.75	17.21	20.64	115.878	23.98	PASS
60	5300	6	14.5	18.32	18.05	21.34	136.012	23.98	PASS
64	5320	6	11.5	15.45	15.24	18.49	70.712	23.98	PASS
100	5500	6	13	15.71	16.43	19.23	83.822	23.98	PASS
116	5580	6	14.5	17.23	16.97	20.25	105.940	23.98	PASS
140	5700	6	13.5	17.35	17.05	20.35	108.424	23.98	PASS
149	5745	6	16	19.74	19.36	22.70	186.330	30	PASS
157	5785	6	16	19.62	19.41	22.66	184.712	30	PASS
165	5825	6	16	19.53	19.38	22.60	182.151	30	PASS

802.11n_HT20_MIMO

CH	Frequency (MHz)	Data Rate	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
				CH 0	CH 1				
36	5180	MCS8	13	15.37	14.84	18.27	67.161	23.98	PASS
64	5320	MCS8	13	15.41	15.13	18.43	69.668	23.98	PASS
100	5500	MCS8	15	16.64	16.02	19.50	89.108	23.98	PASS
140	5700	MCS8	14.5	16.77	16.38	19.74	94.134	23.98	PASS
149	5745	MCS8	16	18.68	17.71	21.38	137.408	30	PASS
165	5825	MCS8	14.5	18.34	17.78	21.23	132.651	30	PASS

802.11n_HT40_MIMO

CH	Frequency (MHz)	Data Rate	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
				CH 0	CH 1				
38	5190	MCS8	13.5	14.42	14.12	17.57	57.125	23.98	PASS
62	5310	MCS8	13.5	14.42	14.56	17.79	60.065	23.98	PASS
102	5510	MCS8	16	16.35	15.57	19.27	84.590	23.98	PASS
134	5670	MCS8	15.5	16.46	16.08	19.57	90.570	23.98	PASS
151	5755	MCS8	16	17.31	16.47	20.21	104.857	30	PASS
159	5795	MCS8	16	17.23	16.55	20.20	104.688	30	PASS

802.11ac_VHT80_MIMO

CH	Frequency (MHz)	Data Rate	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
				CH 0	CH 1				
42	5210	MCS0	18	13.13	12.81	16.90	48.942	23.98	PASS
58	5290	MCS0	15.5	10.16	10.02	14.01	25.202	23.98	PASS
106	5530	MCS0	13	7.52	6.67	11.04	12.705	23.98	PASS
155	5775	MCS0	20.5	15.42	15.34	19.30	85.114	30	PASS

802.11ax_HE20_MIMO

CH	Frequency (MHz)	Data Rate	RU config.	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
					CH 0	CH 1				
36	5180	MCS0	full	17	15.36	14.75	18.93	78.127	23.98	PASS
64	5320	MCS0	full	15	13.26	13.37	17.18	52.212	23.98	PASS
100	5500	MCS0	full	16	13.94	13.16	17.43	55.333	23.98	PASS
140	5700	MCS0	full	15	13.14	12.71	16.79	47.782	23.98	PASS
149	5745	MCS0	full	19	17.63	16.86	21.12	129.550	30	PASS
165	5825	MCS0	full	19	17.44	17.02	21.10	128.748	30	PASS

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802.11ax_HE40_MIMO

CH	Frequency (MHz)	Data Rate	RU config.	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
					CH 0	CH 1				
38	5190	MCS0	full	13	14.07	13.75	17.80	60.256	23.98	PASS
62	5310	MCS0	full	13	14.21	13.74	17.87	61.235	23.98	PASS
102	5510	MCS0	full	15.5	15.62	15.07	19.24	83.946	23.98	PASS
134	5670	MCS0	full	16	16.57	16.38	20.36	108.643	23.98	PASS
151	5755	MCS0	full	16	16.74	16.43	20.47	111.429	30	PASS
159	5795	MCS0	full	16	16.66	16.47	20.45	110.917	30	PASS

802.11ax_HE80_MIMO

CH	Frequency (MHz)	Data Rate	RU config.	Power set	Avg. POWER (dBm)		TOTAL POWER (dBm)	TOTAL POWER (mW)	REQUIRED LIMIT (dBm)	RESULT
					CH 0	CH 1				
42	5210	MCS0	full	14	13.11	12.9	16.89	48.865	23.98	PASS
58	5290	MCS0	full	14	13.31	12.71	16.90	48.978	23.98	PASS
106	5530	MCS0	full	14.5	13.88	13.14	17.41	55.081	23.98	PASS
138	5690(U-NII 2C)	MCS0	full	13	13.15	12.67	15.93	39.146	23.98	PASS
138	5690 (U-NII 3)	MCS0	full	13	13.15	12.67	15.93	39.146	30	PASS
155	5775	MCS0	full	17	15.77	15.42	19.48	88.716	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:

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

APPLICABLE TO	EIRP LIMIT	FIELD STRENGTH AT 3m
15.407(b)(1) RSS-247 §6.2.1.2	PK: -27 (dBm/MHz)	PK: 68.3 (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 (dB μ V/m) = 20 log Emission level (μ V/m)

7.2 Measurement Equipment Used

Radiated Emission Test Site: SAC C					
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due
Horn Antenna	Schwarzbeck	BBHA9170	185	07/30/2020	07/29/2021
Horn Antenna	Schwarzbeck	BBHA9120D	1187	01/11/2021	01/10/2022
EMI Test Receiver	R&S	ESU 40	100363	04/29/2020	04/28/2021
Pre-Amplifier	EMC Instruments	EMC0011830	980199	11/19/2020	11/18/2021
Pre-Amplifier	EMC Instruments	EMC184045B	980135	10/27/2020	10/26/2021
Attenuator	Marvelous	WATT-218FS-10	RF20	11/19/2020	11/18/2021
Band Rejection Filter	Micro-Tronics	G015	RF198	11/19/2020	11/18/2021
Band Rejection Filter	Micro-Tronics	G016	RF199	11/19/2020	11/18/2021
Band Rejection Filter	Micro-Tronics	G021	RF200	11/19/2020	11/18/2021
Coaxial Cable	Huber Suhner	SUCOFLEX 104	MY17388/4	11/19/2020	11/18/2021
Coaxial Cable	Huber Suhner	RG 214/U	W22.03	11/19/2020	11/18/2021
Test Software	audix	e3	20923 sgs Ver.9	N.C.R	N.C.R

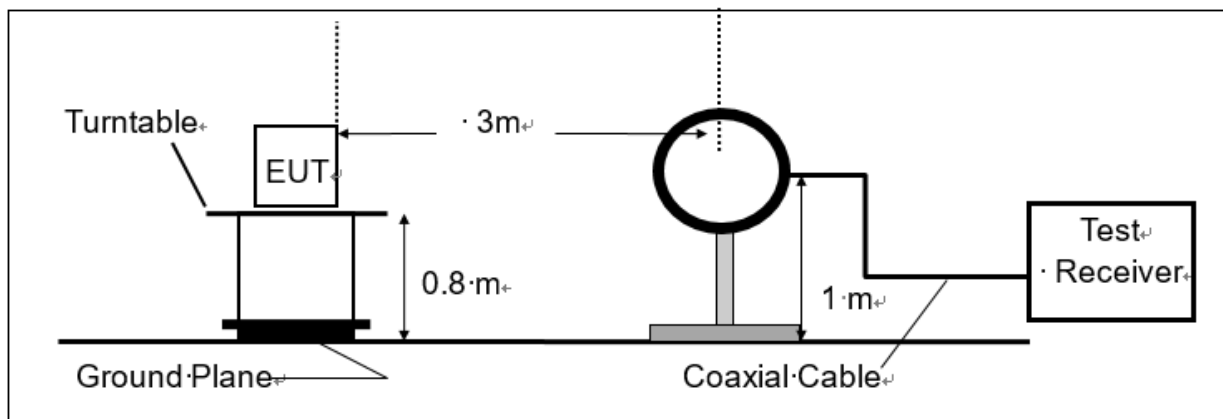
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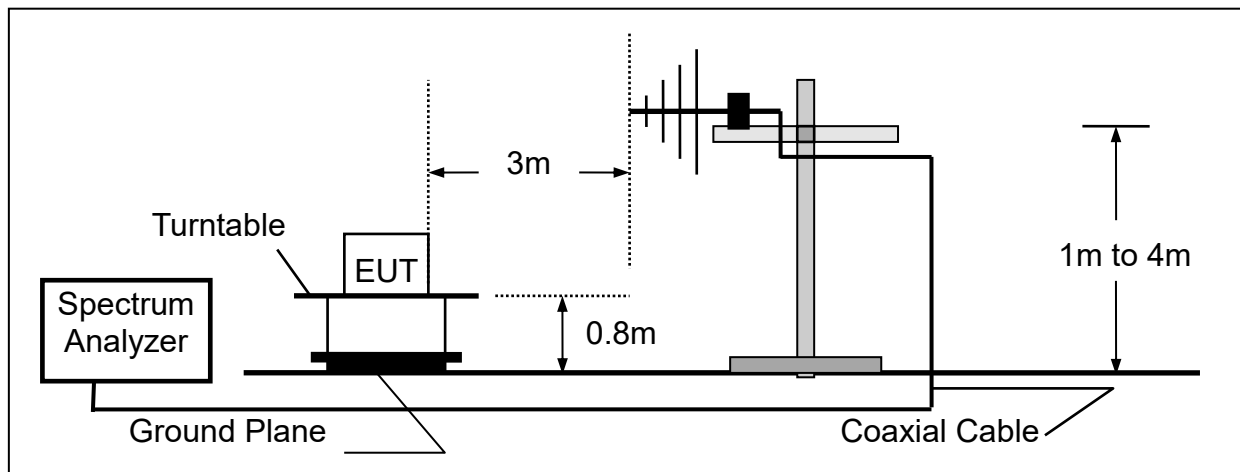
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7.3 Test SET-UP

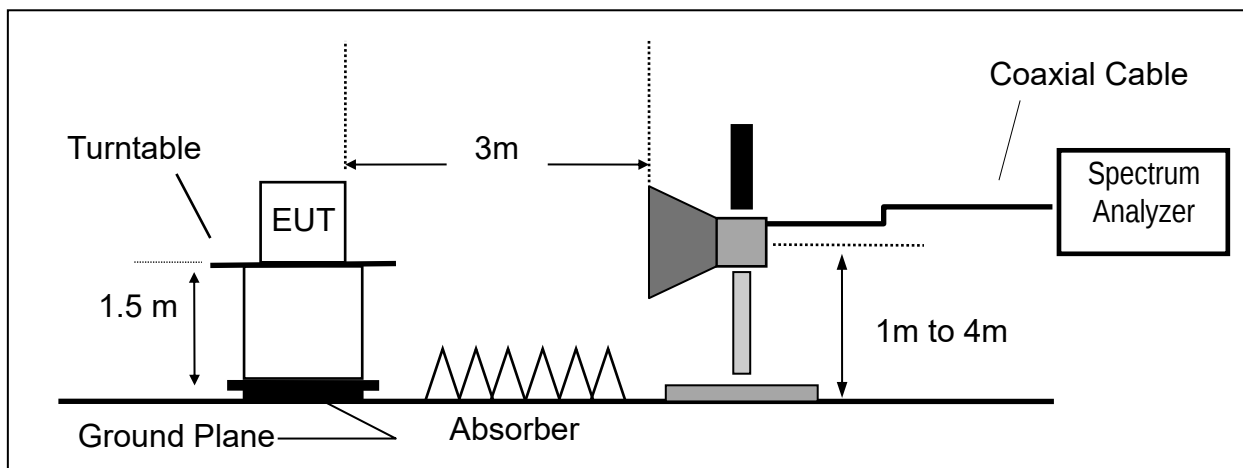
(A) Radiated Emission Test Set-UP Frequency Below 30MHz.



(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 $\geq 1/T$ (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.

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7.5 Field Strength Calculation

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

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

Where *FS* = Field Strength

CL = Cable Attenuation Factor (Cable Loss)

RA = Reading Amplitude

AG = Amplifier Gain

AF = Antenna Factor

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

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

Factor(dB) = Antenna Factor(dBμV/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) was not reported.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

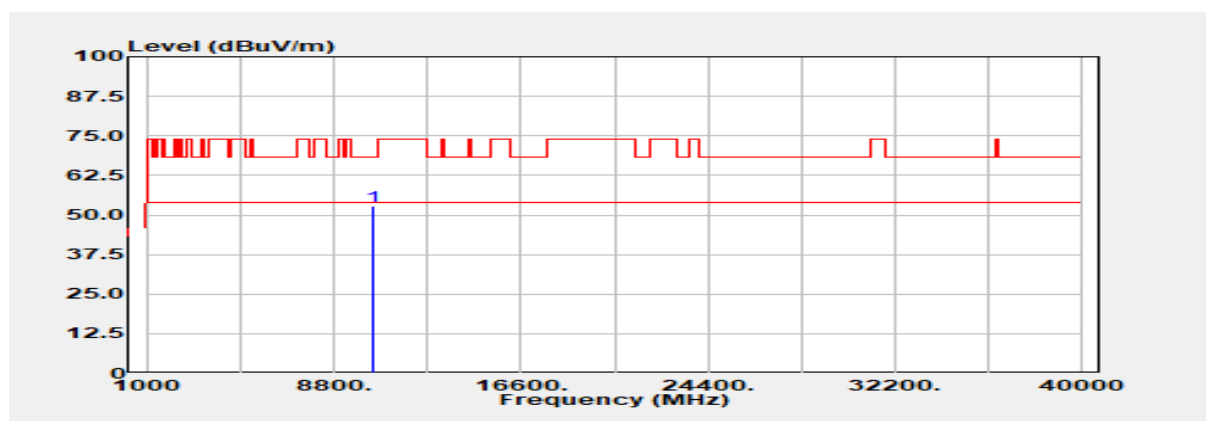
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7.7 Radiated Spurious Emission Measurement Result

7.7.1 Above 1GHz Worst-Case Data:

Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11a / Band 1	Test Date	:2021-01-29
Test Frequency	:5220 MHz	Temp./Humi.	:20.7/56
Test Mode	:TX CH MID	Antenna Pol.	:Vertical
EUT Pol	:NB Plan	Engineer	:Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
10440.000	Peak	30.24	22.54	52.78	68.20	-15.42

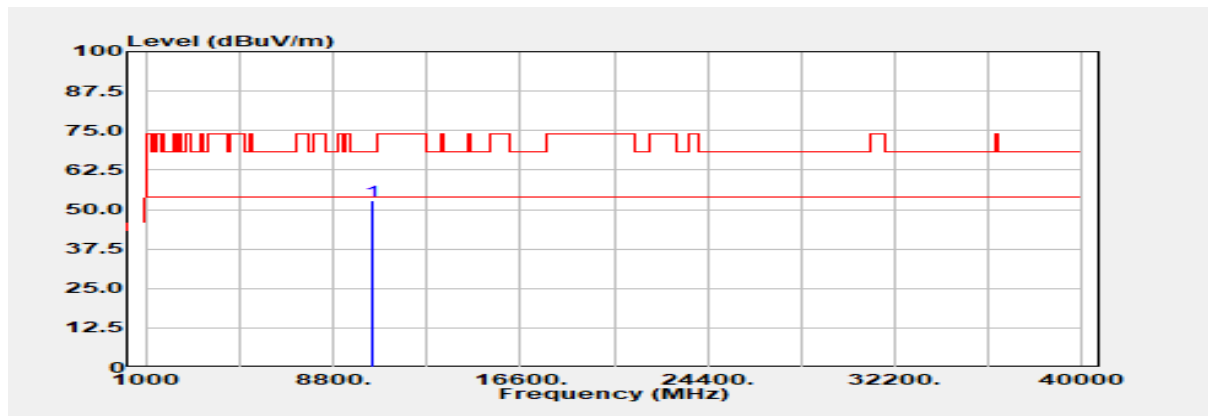
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Report Number :E2/2020/C0053
 Operation Mode :802.11a / Band 1
 Test Frequency :5220 MHz
 Test Mode :TX CH MID
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-01-29
 Temp./Humi. :20.7/56
 Antenna Pol. :Horizontal
 Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10440.000	Peak	30.19	22.54	52.73	68.20	-15.47

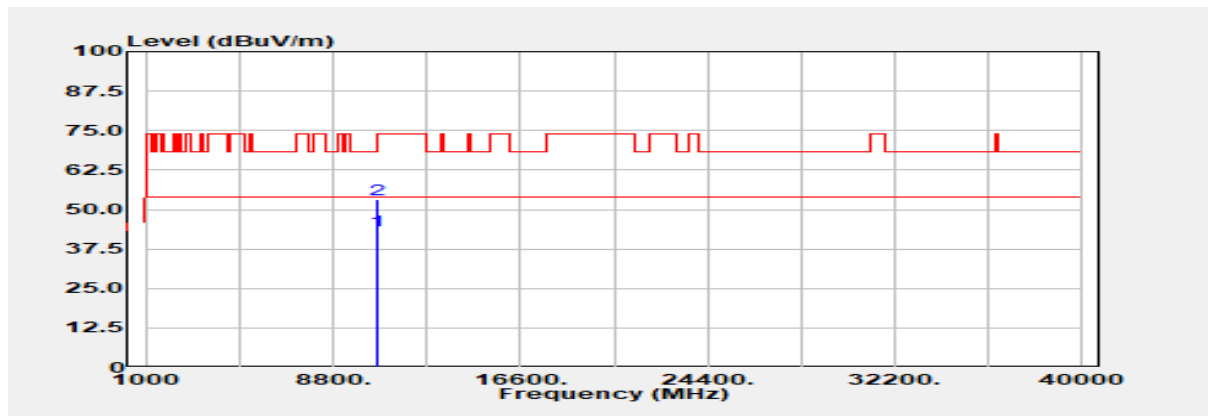
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Report Number :E2/2020/C0053
 Operation Mode :802.11a / Band 2
 Test Frequency :5300 MHz
 Test Mode :TX CH MID
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-02-09
 Temp./Humi. :20.5/53
 Antenna Pol. :Vertical
 Engineer :Enzo Chang



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	20.41	23.11	43.52	54.00	-10.48
10600.000	Peak	30.00	23.11	53.12	74.00	-20.88

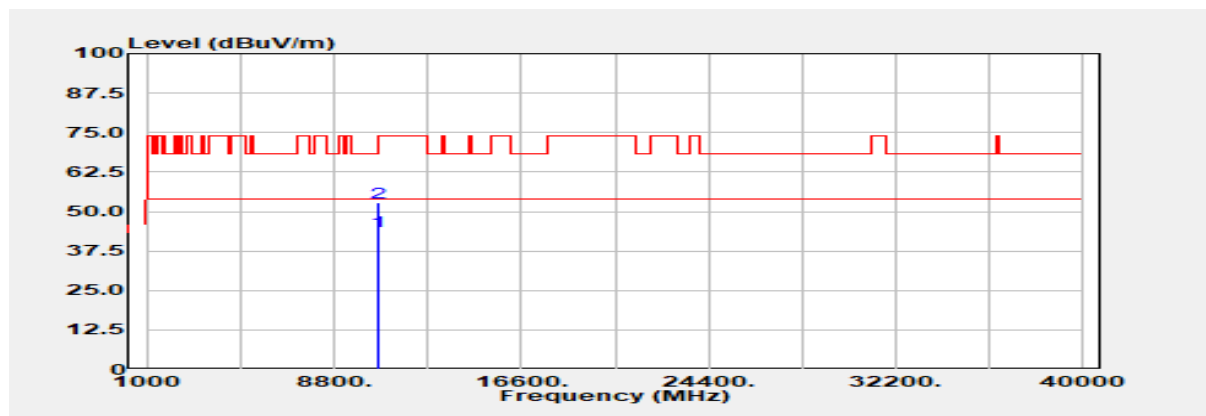
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Report Number :E2/2020/C0053
 Operation Mode :802.11a / Band 2
 Test Frequency :5300 MHz
 Test Mode :TX CH MID
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-02-09
 Temp./Humi. :20.5/53
 Antenna Pol. :Horizontal
 Engineer :Enzo Chang



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	20.59	23.11	43.70	54.00	-10.30
10600.000	Peak	29.58	23.11	52.70	74.00	-21.30

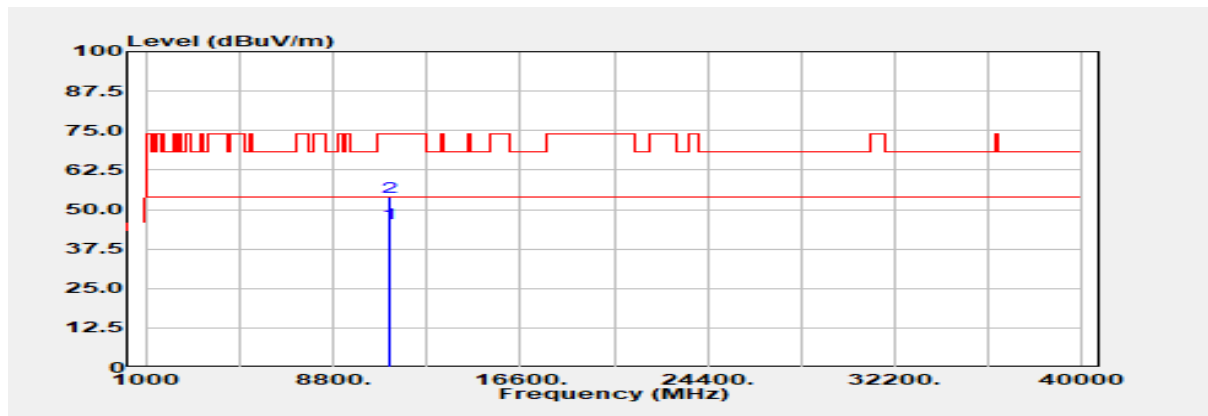
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Report Number :E2/2020/C0053
Operation Mode :802.11a / Band 3
Test Frequency :5580 MHz
Test Mode :TX CH MID
EUT Pol :NB Plan

Test Site :966 Chamber C
Test Date :2021-02-09
Temp./Humi. :20.5/53
Antenna Pol. :Vertical
Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11160.000	Average	21.54	24.01	45.55	54.00	-8.45
11160.000	Peak	29.95	24.01	53.96	74.00	-20.04

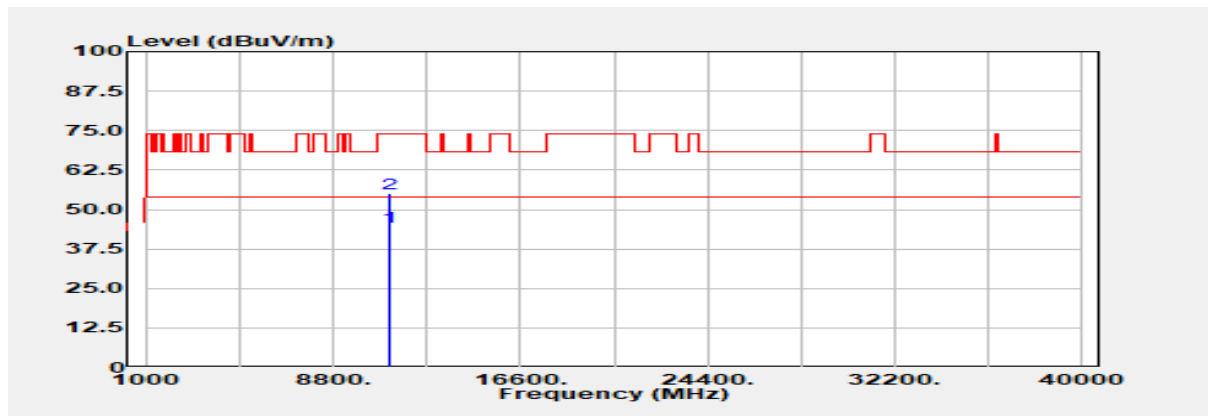
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Report Number :E2/2020/C0053
 Operation Mode :802.11a / Band 3
 Test Frequency :5580 MHz
 Test Mode :TX CH MID
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-02-09
 Temp./Humi. :20.5/53
 Antenna Pol. :Horizontal
 Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11160.000	Average	20.38	24.01	44.39	54.00	-9.61
11160.000	Peak	30.97	24.01	54.99	74.00	-19.01

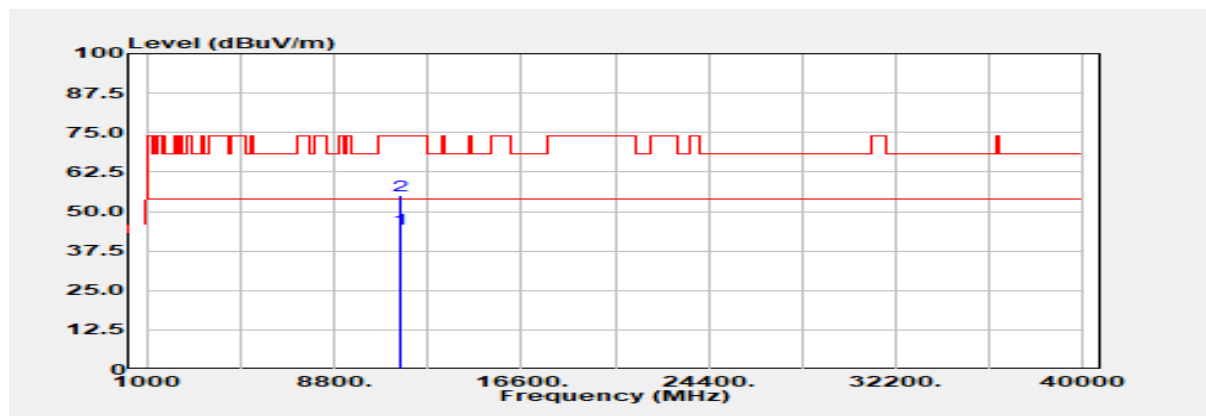
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Report Number :E2/2020/C0053
 Operation Mode :802.11a / Band 4
 Test Frequency :5785 MHz
 Test Mode :TX CH MID
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-02-09
 Temp./Humi. :20.5/53
 Antenna Pol. :Vertical
 Engineer :Enzo Chang



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	20.69	23.93	44.62	54.00	-9.38
11570.000	Peak	30.98	23.93	54.92	74.00	-19.08

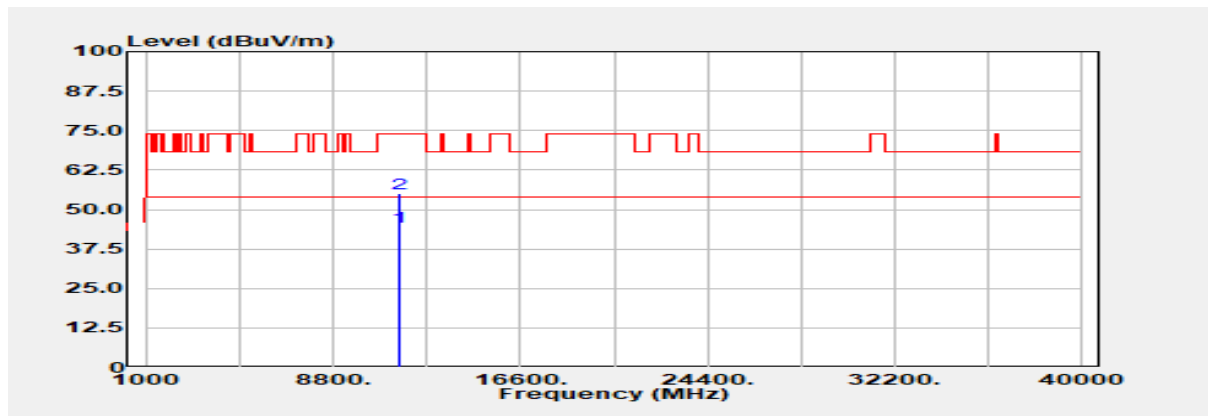
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Report Number :E2/2020/C0053
 Operation Mode :802.11a / Band 4
 Test Frequency :5785 MHz
 Test Mode :TX CH MID
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-02-09
 Temp./Humi. :20.5/53
 Antenna Pol. :Horizontal
 Engineer :Enzo Chang



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	20.57	23.93	44.50	54.00	-9.50
11570.000	Peak	31.21	23.93	55.14	74.00	-18.86

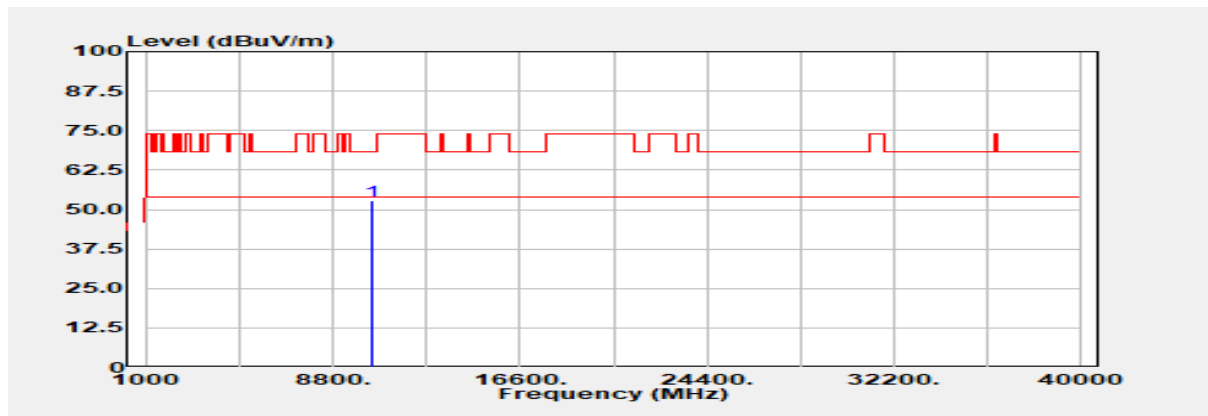
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Report Number :E2/2020/C0053
 Operation Mode :802.11a / Band 1
 Test Frequency :5220 MHz
 Test Mode :TX CH MID
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-01-27
 Temp./Humi. :22.2/63
 Antenna Pol. :Vertical
 Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10440.000	Peak	30.26	22.54	52.80	68.20	-15.40

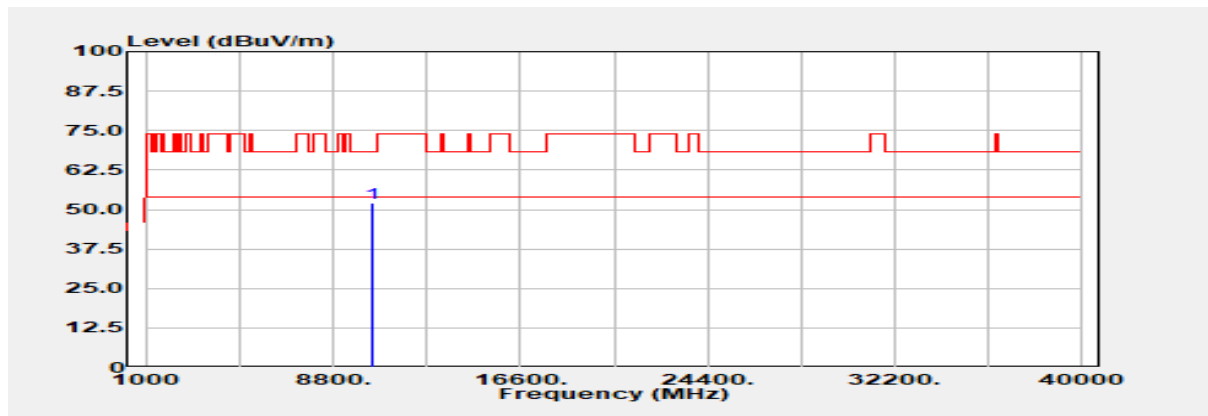
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Report Number :E2/2020/C0053
 Operation Mode :802.11a / Band 1
 Test Frequency :5220 MHz
 Test Mode :TX CH MID
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-01-27
 Temp./Humi. :22.2/63
 Antenna Pol. :Horizontal
 Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10440.000	Peak	29.46	22.54	52.00	68.20	-16.20

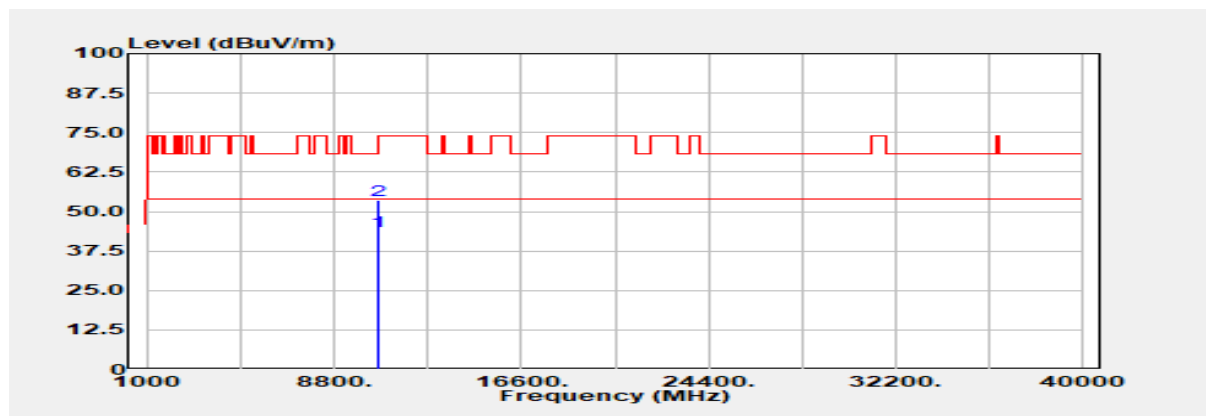
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Report Number :E2/2020/C0053
 Operation Mode :802.11a / Band 2
 Test Frequency :5300 MHz
 Test Mode :TX CH MID
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-02-09
 Temp./Humi. :22.0/62
 Antenna Pol. :Vertical
 Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10600.000	Average	20.74	23.11	43.85	54.00	-10.15
10600.000	Peak	30.50	23.11	53.62	74.00	-20.38

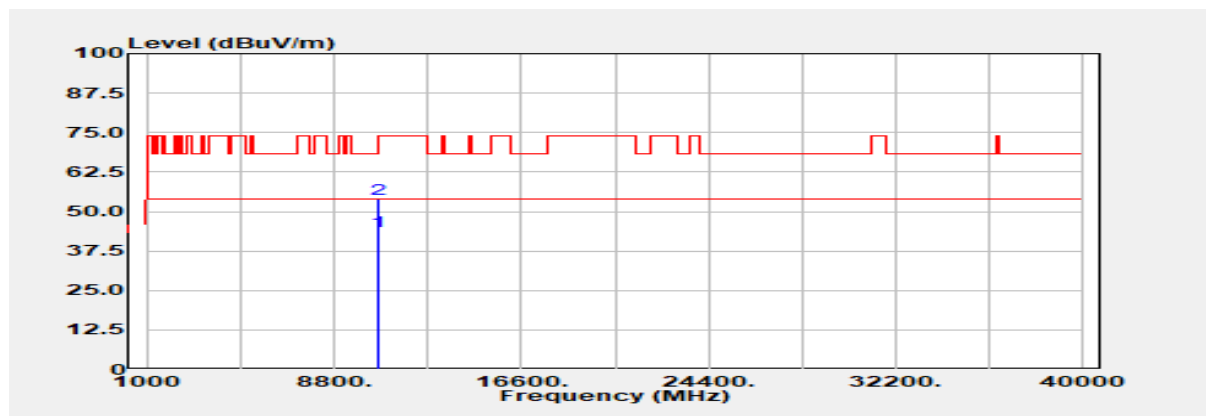
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Report Number :E2/2020/C0053
 Operation Mode :802.11a / Band 2
 Test Frequency :5300 MHz
 Test Mode :TX CH MID
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-02-09
 Temp./Humi. :22.0/62
 Antenna Pol. :Horizontal
 Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
10600.000	Average	20.53	23.11	43.64	54.00	-10.36
10600.000	Peak	30.74	23.11	53.86	74.00	-20.14

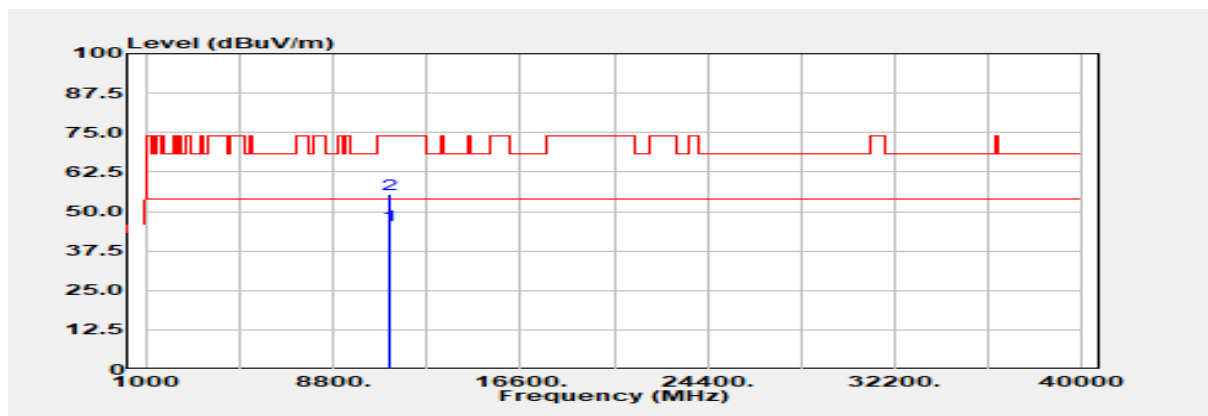
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Report Number :E2/2020/C0053
 Operation Mode :802.11a / Band 3
 Test Frequency :5580 MHz
 Test Mode :TX CH MID
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-02-09
 Temp./Humi. :22.0/62
 Antenna Pol. :Vertical
 Engineer :Enzo Chang



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	21.65	24.01	45.66	54.00	-8.34
11160.000	Peak	31.35	24.01	55.36	74.00	-18.64

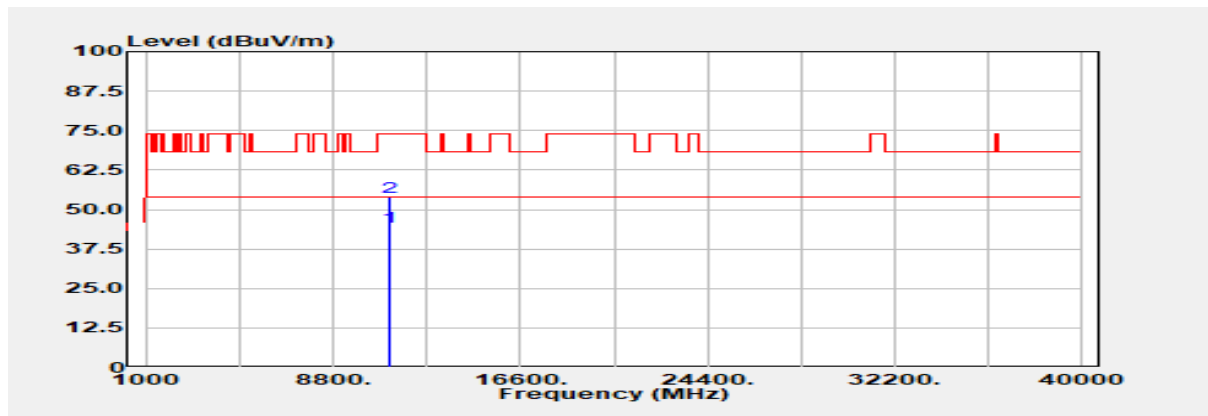
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Report Number :E2/2020/C0053
 Operation Mode :802.11a / Band 3
 Test Frequency :5580 MHz
 Test Mode :TX CH MID
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-02-09
 Temp./Humi. :22.0/62
 Antenna Pol. :Horizontal
 Engineer :Enzo Chang



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	20.43	24.01	44.44	54.00	-9.56
11160.000	Peak	29.81	24.01	53.83	74.00	-20.17

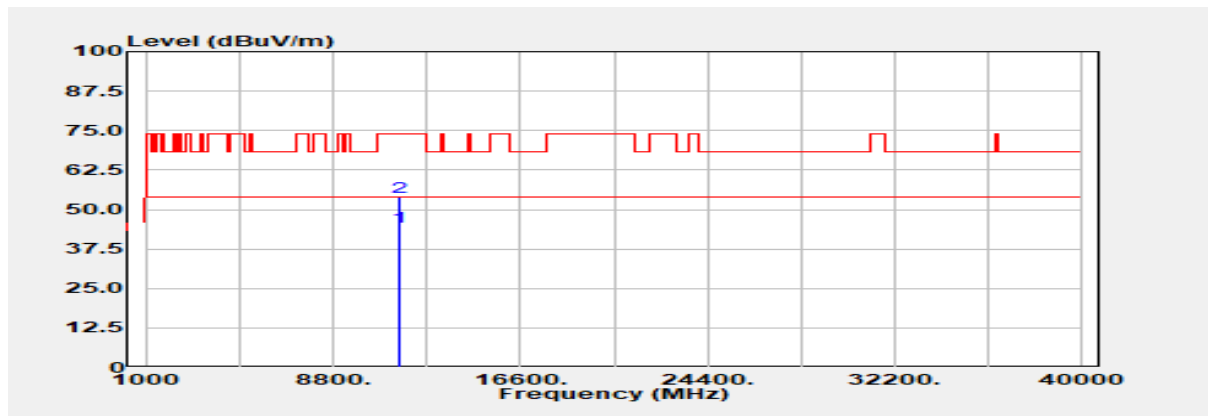
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Report Number :E2/2020/C0053
 Operation Mode :802.11a / Band 4
 Test Frequency :5785 MHz
 Test Mode :TX CH MID
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-02-09
 Temp./Humi. :22.0/62
 Antenna Pol. :Vertical
 Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11570.000	Average	20.41	23.93	44.34	54.00	-9.66
11570.000	Peak	30.21	23.93	54.14	74.00	-19.86

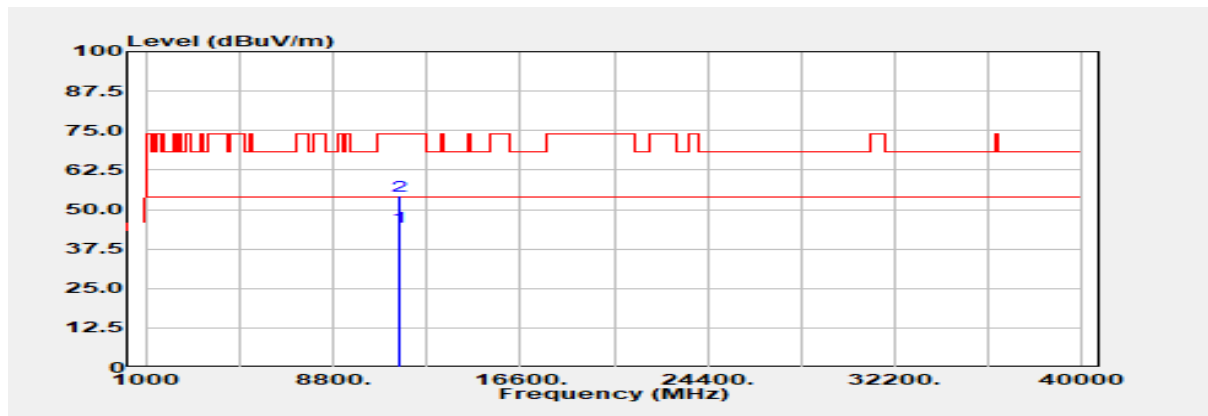
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Report Number :E2/2020/C0053
Operation Mode :802.11a / Band 4
Test Frequency :5785 MHz
Test Mode :TX CH MID
EUT Pol :E2 Plan

Test Site :966 Chamber C
Test Date :2021-02-09
Temp./Humi. :21.9/64
Antenna Pol. :Horizontal
Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
11570.000	Average	20.65	23.93	44.58	54.00	-9.42
11570.000	Peak	30.25	23.93	54.18	74.00	-19.82

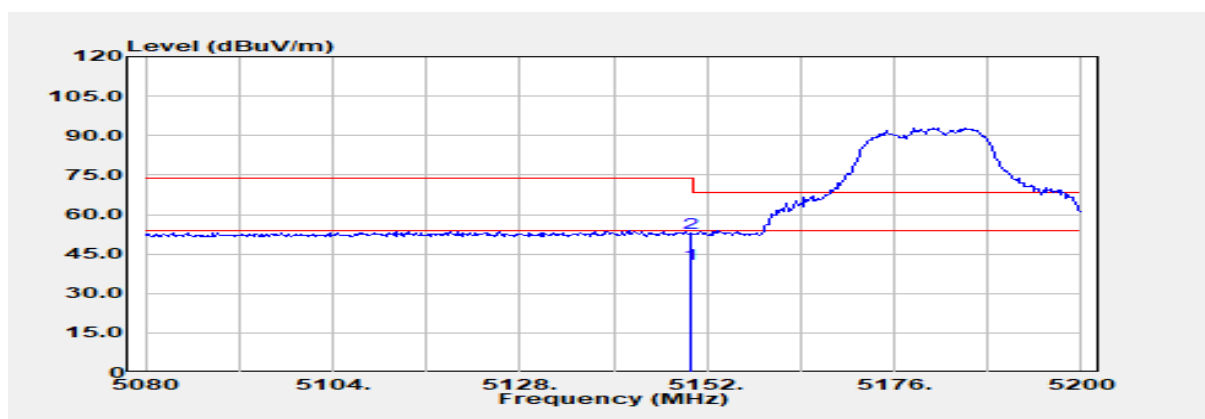
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7.7.2 Band edge falling to restricted band

Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11a / Band 1	Test Date	:2021-01-30
Test Frequency	:5180 MHz	Temp./Humi.	:20.4/51
Test Mode	:BE CH LOW	Antenna Pol.	:Vertical
EUT Pol	:NB Plan	Engineer	:Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5150.000	Average	30.71	10.50	41.21	54.00	-12.79
5150.000	Peak	42.41	10.50	52.91	74.00	-21.09

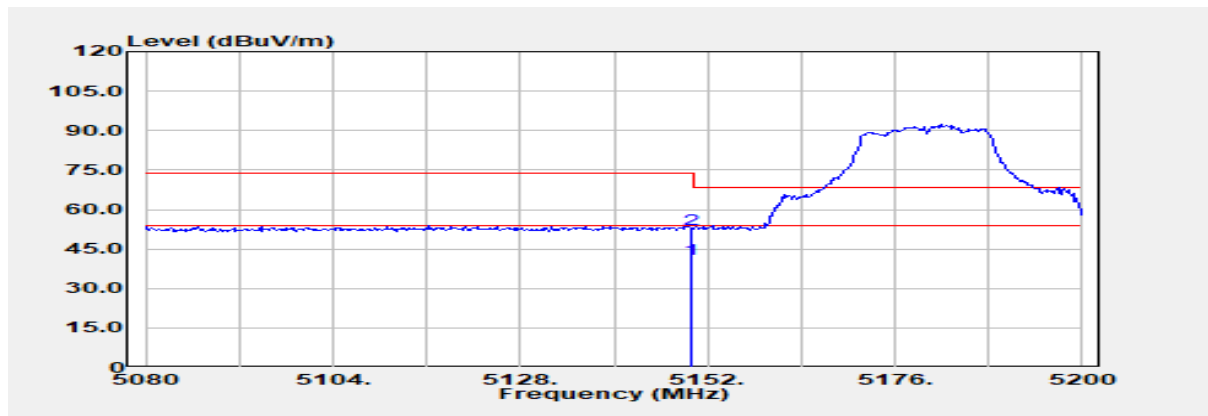
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Report Number :E2/2020/C0053
 Operation Mode :802.11a / Band 1
 Test Frequency :5180 MHz
 Test Mode :BE CH LOW
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-01-30
 Temp./Humi. :20.4/51
 Antenna Pol. :Horizontal
 Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5150.000	Average	30.89	10.50	41.39	54.00	-12.61
5150.000	Peak	42.23	10.50	52.73	74.00	-21.27

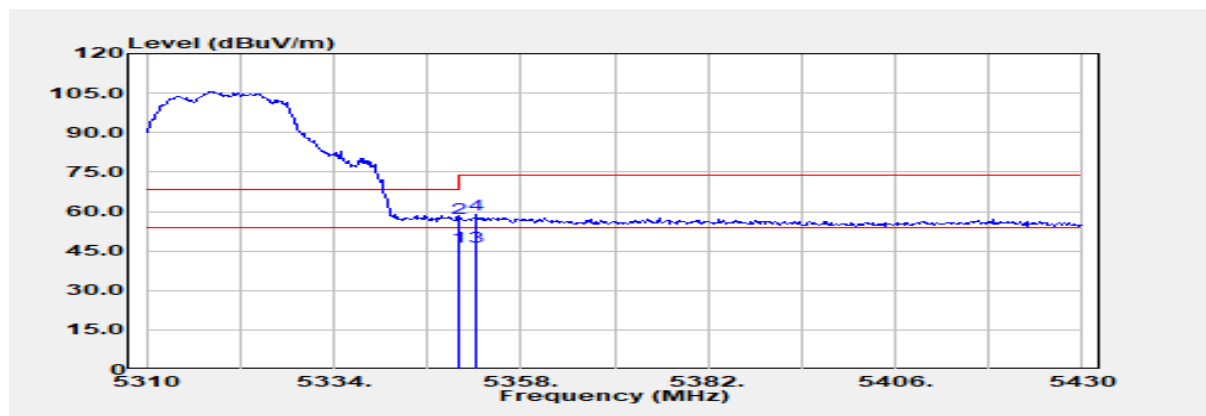
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Report Number :E2/2020/C0053
 Operation Mode :802.11a / Band 2
 Test Frequency :5320 MHz
 Test Mode :BE CH HIGH
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-02-08
 Temp./Humi. :23.4/52
 Antenna Pol. :Vertical
 Engineer :Enzo Chang



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	35.15	11.54	46.69	54.00	-7.31
5350.000	Peak	45.77	11.54	57.30	74.00	-16.70
5352.308	Average	34.92	11.56	46.48	54.00	-7.52
5352.308	Peak	47.25	11.56	58.81	74.00	-15.19

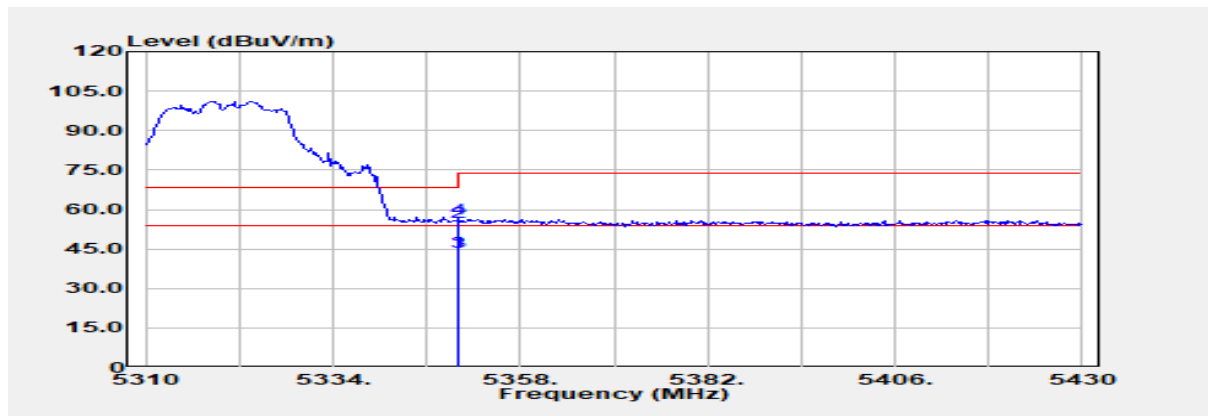
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Report Number :E2/2020/C0053
Operation Mode :802.11a / Band 2
Test Frequency :5320 MHz
Test Mode :BE CH HIGH
EUT Pol :NB Plan

Test Site :966 Chamber C
Test Date :2021-02-08
Temp./Humi. :23.4/52
Antenna Pol. :Horizontal
Engineer :Enzo Chang



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	32.46	11.54	44.00	54.00	-10.00
5350.000	Peak	43.81	11.54	55.35	74.00	-18.65
5350.192	Average	32.49	11.54	44.03	54.00	-9.97
5350.192	Peak	44.93	11.54	56.47	74.00	-17.53

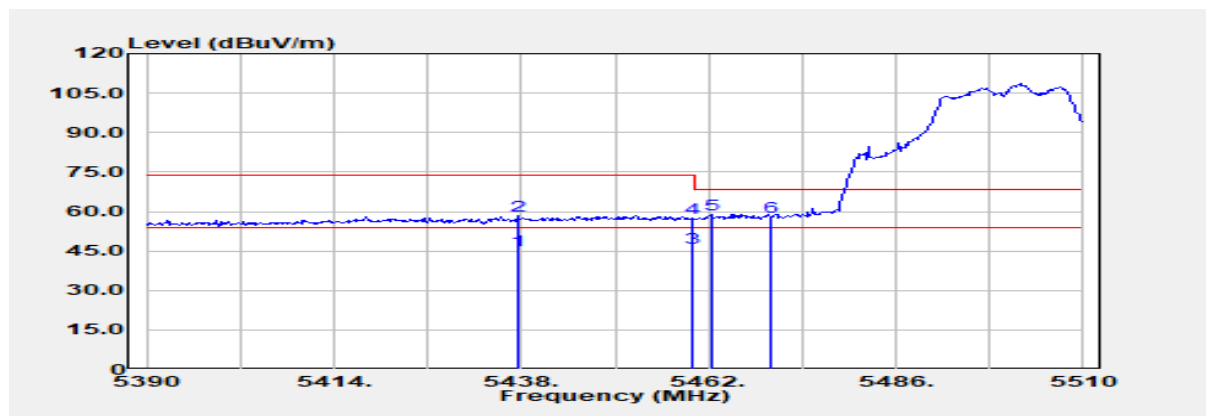
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Report Number :E2/2020/C0053
 Operation Mode :802.11a / Band 3
 Test Frequency :5500 MHz
 Test Mode :BE CH LOW
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-02-08
 Temp./Humi. :23.4/52
 Antenna Pol. :Vertical
 Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5437.500	Average	33.43	11.85	45.28	54.00	-8.72
5437.500	Peak	46.48	11.85	58.33	74.00	-15.67
5460.000	Average	34.51	11.66	46.17	54.00	-7.83
5460.000	Peak	45.65	11.66	57.31	74.00	-16.69
5462.308	Peak	47.29	11.68	58.97	68.20	-9.23
5470.000	Peak	46.29	11.73	58.03	68.20	-10.17

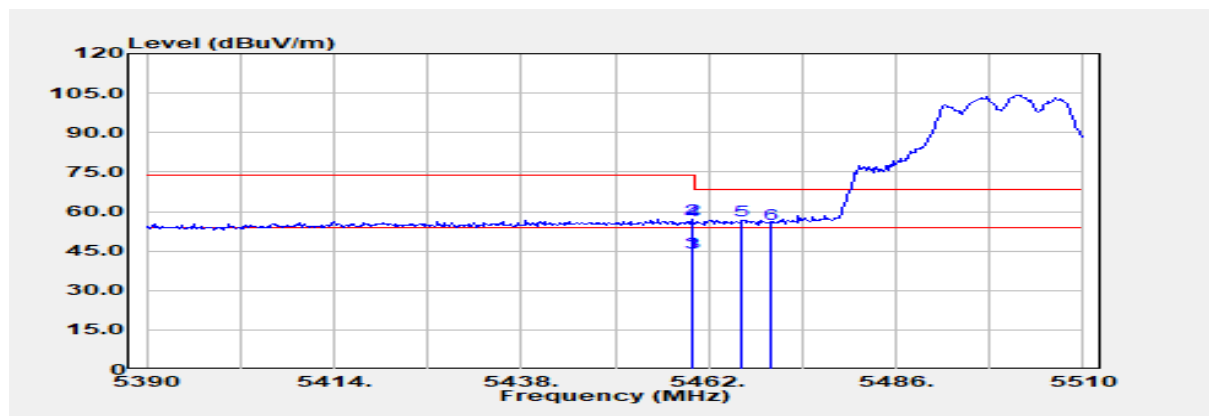
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Report Number :E2/2020/C0053
Operation Mode :802.11a / Band 3
Test Frequency :5500 MHz
Test Mode :BE CH LOW
EUT Pol :NB Plan

Test Site :966 Chamber C
Test Date :2021-02-08
Temp./Humi. :23.4/52
Antenna Pol. :Horizontal
Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5459.808	Average	32.75	11.67	44.42	54.00	-9.58
5459.808	Peak	45.26	11.67	56.94	74.00	-17.06
5460.000	Average	32.68	11.66	44.34	54.00	-9.66
5460.000	Peak	44.76	11.66	56.42	74.00	-17.58
5466.346	Peak	45.01	11.71	56.72	68.20	-11.48
5470.000	Peak	43.65	11.73	55.38	68.20	-12.82

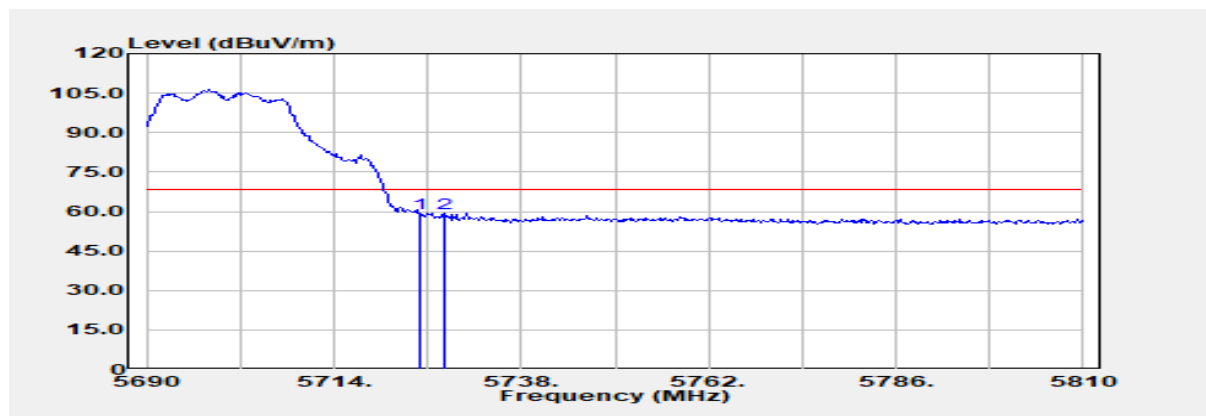
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Report Number :E2/2020/C0053
 Operation Mode :802.11a / Band 3
 Test Frequency :5700 MHz
 Test Mode :BE CH HIGH
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-02-08
 Temp./Humi. :23.4/52
 Antenna Pol. :Vertical
 Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5725.000	Peak	48.66	10.62	59.28	68.20	-8.92
5728.269	Peak	48.97	10.53	59.50	68.20	-8.70

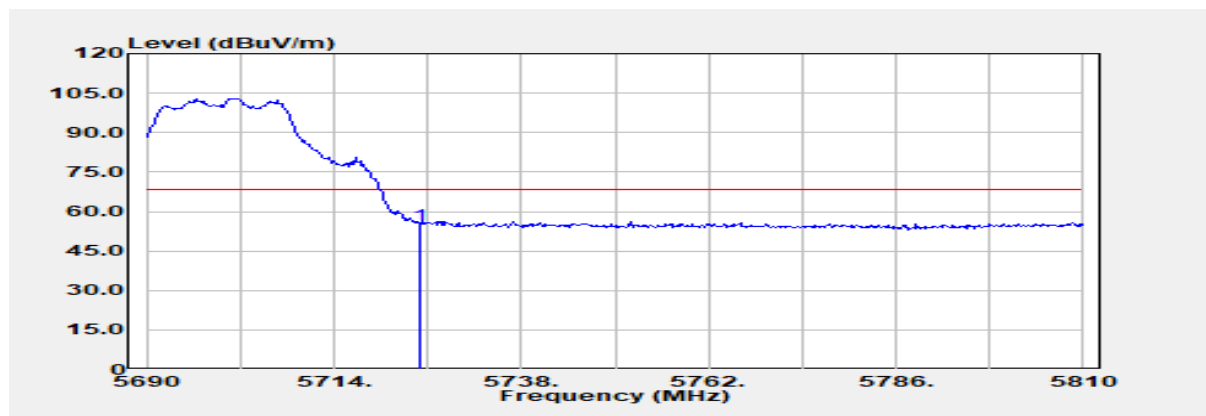
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Report Number :E2/2020/C0053
 Operation Mode :802.11a / Band 3
 Test Frequency :5700 MHz
 Test Mode :BE CH HIGH
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-02-08
 Temp./Humi. :23.4/52
 Antenna Pol. :Horizontal
 Engineer :Enzo Chang



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	44.43	10.62	55.05	68.20	-13.15

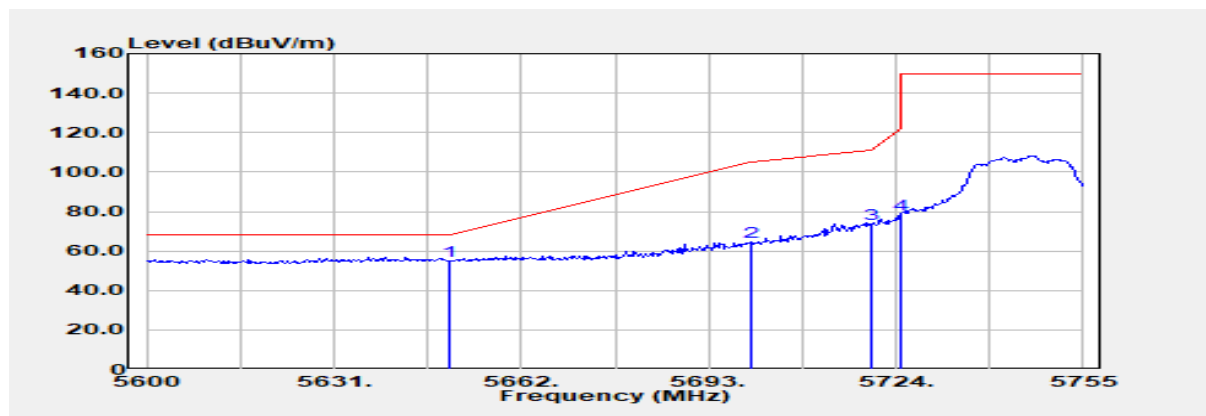
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Report Number :E2/2020/C0053
 Operation Mode :802.11a / Band 4
 Test Frequency :5745 MHz
 Test Mode :BE CH LOW
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-02-08
 Temp./Humi. :23.4/52
 Antenna Pol. :Vertical
 Engineer :Enzo Chang



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	44.42	10.51	54.92	68.20	-13.28
5700.000	Peak	53.90	10.41	64.31	105.20	-40.89
5720.000	Peak	62.85	10.76	73.62	110.80	-37.18
5725.000	Peak	67.86	10.62	78.48	122.20	-43.72

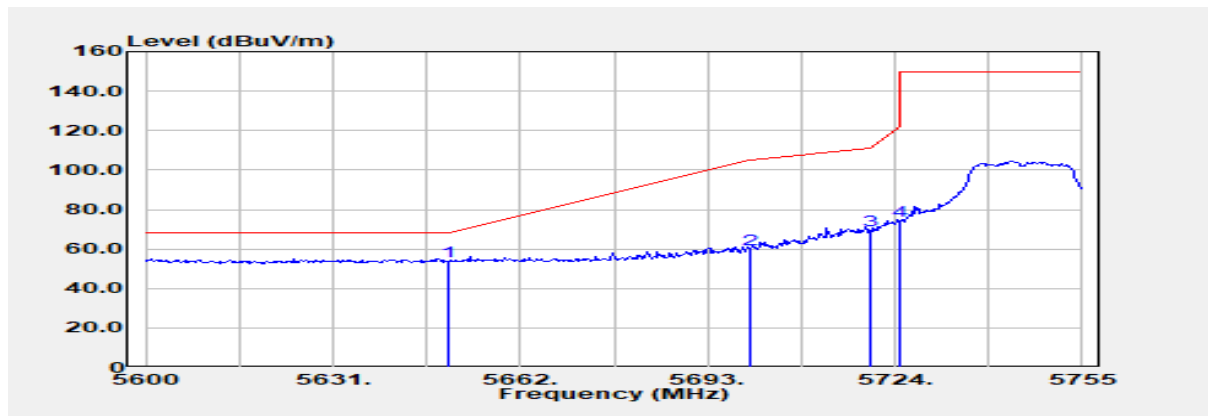
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Report Number :E2/2020/C0053
 Operation Mode :802.11a / Band 4
 Test Frequency :5745 MHz
 Test Mode :BE CH LOW
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-02-08
 Temp./Humi. :23.4/52
 Antenna Pol. :Horizontal
 Engineer :Enzo Chang



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	43.51	10.51	54.02	68.20	-14.18
5700.000	Peak	49.49	10.41	59.90	105.20	-45.30
5720.000	Peak	58.63	10.76	69.39	110.80	-41.41
5725.000	Peak	63.88	10.62	74.50	122.20	-47.70

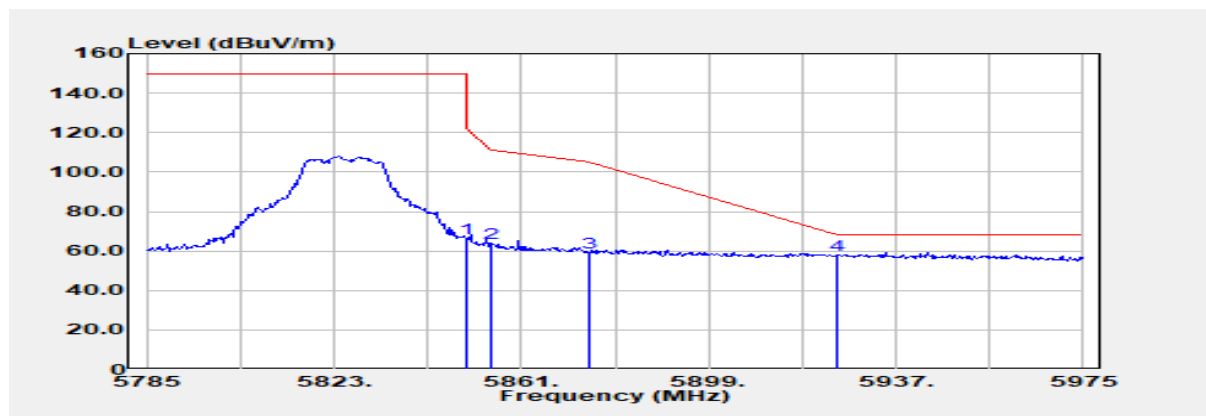
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Report Number :E2/2020/C0053
 Operation Mode :802.11a / Band 4
 Test Frequency :5825 MHz
 Test Mode :BE CH HIGH
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-02-08
 Temp./Humi. :23.4/52
 Antenna Pol. :Vertical
 Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	55.09	11.31	66.39	122.20	-55.81
5855.000	Peak	52.49	11.61	64.10	110.80	-46.70
5875.000	Peak	47.28	12.08	59.36	105.20	-45.84
5925.000	Peak	44.82	12.98	57.80	68.20	-10.40

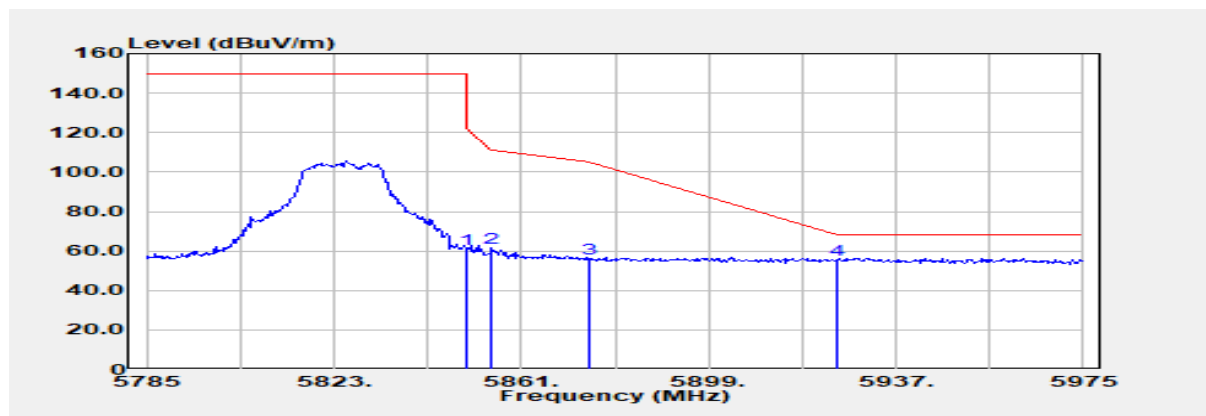
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Report Number :E2/2020/C0053
 Operation Mode :802.11a / Band 4
 Test Frequency :5825 MHz
 Test Mode :BE CH HIGH
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-02-08
 Temp./Humi. :23.4/52
 Antenna Pol. :Horizontal
 Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5850.000	Peak	49.85	11.31	61.16	122.20	-61.04
5855.000	Peak	49.84	11.61	61.45	110.80	-49.35
5875.000	Peak	43.82	12.08	55.91	105.20	-49.29
5925.000	Peak	42.77	12.98	55.75	68.20	-12.45

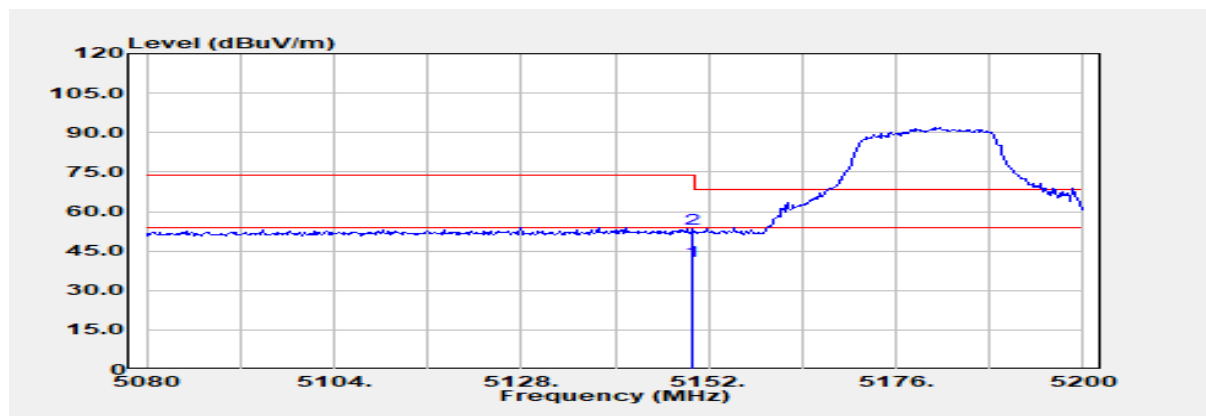
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Report Number :E2/2020/C0053
 Operation Mode :802.11n20 / Band 1
 Test Frequency :5180 MHz
 Test Mode :BE CH LOW
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-01-30
 Temp./Humi. :19.4/49
 Antenna Pol. :Vertical
 Engineer :Ashton Chiu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5150.000	Average	30.75	10.50	41.25	54.00	-12.75
5150.000	Peak	42.78	10.50	53.28	74.00	-20.72

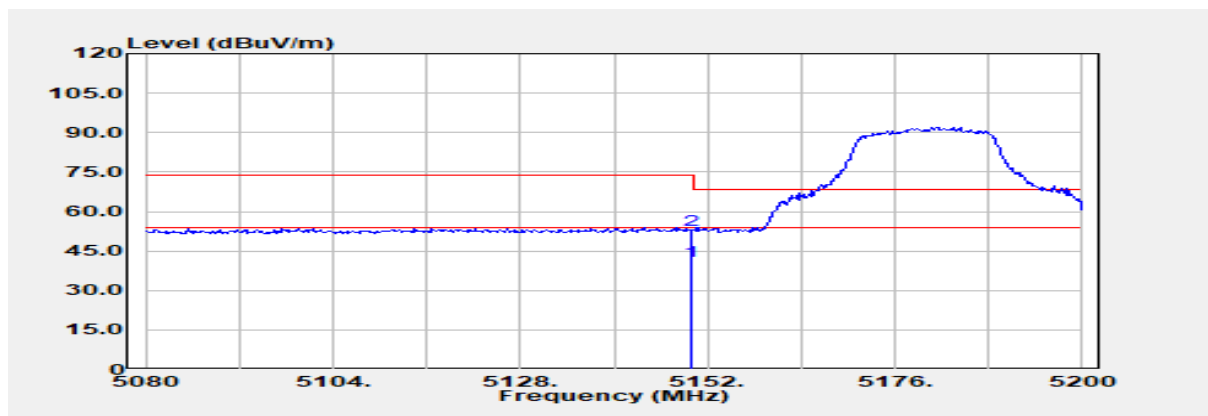
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Report Number :E2/2020/C0053
 Operation Mode :802.11n20 / Band 1
 Test Frequency :5180 MHz
 Test Mode :BE CH LOW
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-01-30
 Temp./Humi. :19.4/49
 Antenna Pol. :Horizontal
 Engineer :Ashton Chiu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5150.000	Average	30.59	10.50	41.09	54.00	-12.91
5150.000	Peak	42.51	10.50	53.01	74.00	-20.99

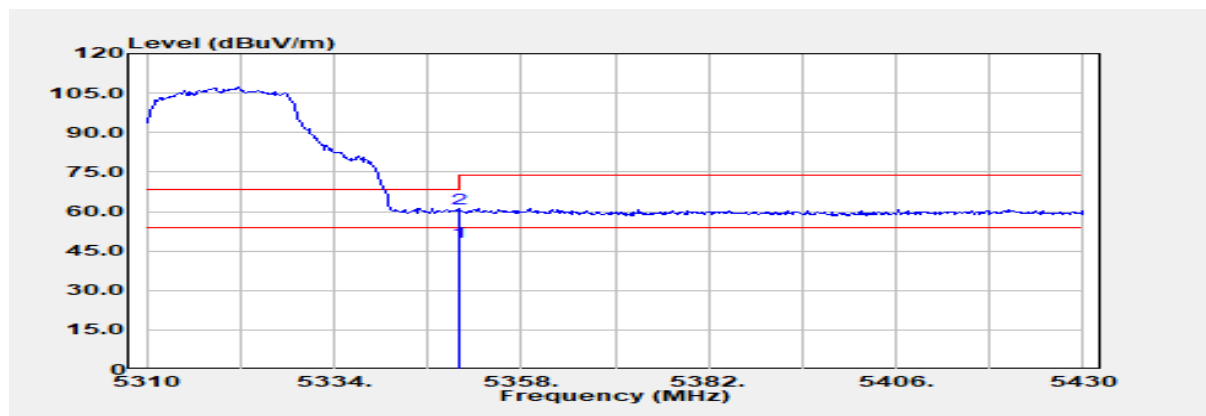
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Report Number :E2/2020/C0053
 Operation Mode :802.11n20 / Band 2
 Test Frequency :5320 MHz
 Test Mode :BE CH HIGH
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-01-30
 Temp./Humi. :19.7/49
 Antenna Pol. :Vertical
 Engineer :Ashton Chiu



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	37.02	11.54	48.56	54.00	-5.44
5350.000	Peak	49.76	11.54	61.29	74.00	-12.71

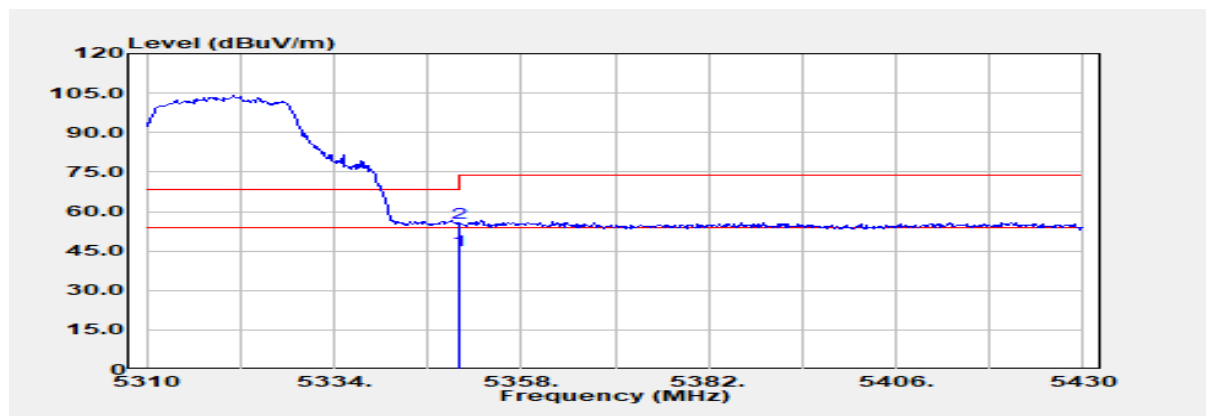
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Report Number :E2/2020/C0053
 Operation Mode :802.11n20 / Band 2
 Test Frequency :5320 MHz
 Test Mode :BE CH HIGH
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-01-30
 Temp./Humi. :19.7/49
 Antenna Pol. :Horizontal
 Engineer :Ashton Chiu



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	33.74	11.54	45.28	54.00	-8.72
5350.000	Peak	43.99	11.54	55.52	74.00	-18.48

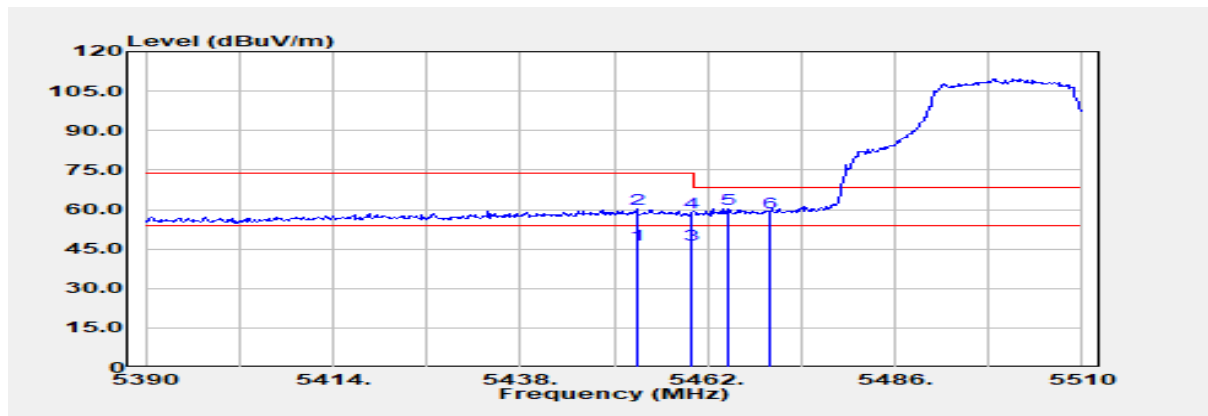
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Report Number :E2/2020/C0053
 Operation Mode :802.11n20 / Band 3
 Test Frequency :5500 MHz
 Test Mode :BE CH LOW
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-01-30
 Temp./Humi. :20.0/49
 Antenna Pol. :Vertical
 Engineer :Ashton Chiu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5452.885	Average	34.60	12.04	46.64	54.00	-7.36
5452.885	Peak	48.19	12.04	60.23	74.00	-13.77
5460.000	Average	35.09	11.66	46.75	54.00	-7.25
5460.000	Peak	47.27	11.66	58.93	74.00	-15.07
5464.615	Peak	48.74	11.70	60.44	68.20	-7.76
5470.000	Peak	47.34	11.73	59.07	68.20	-9.13

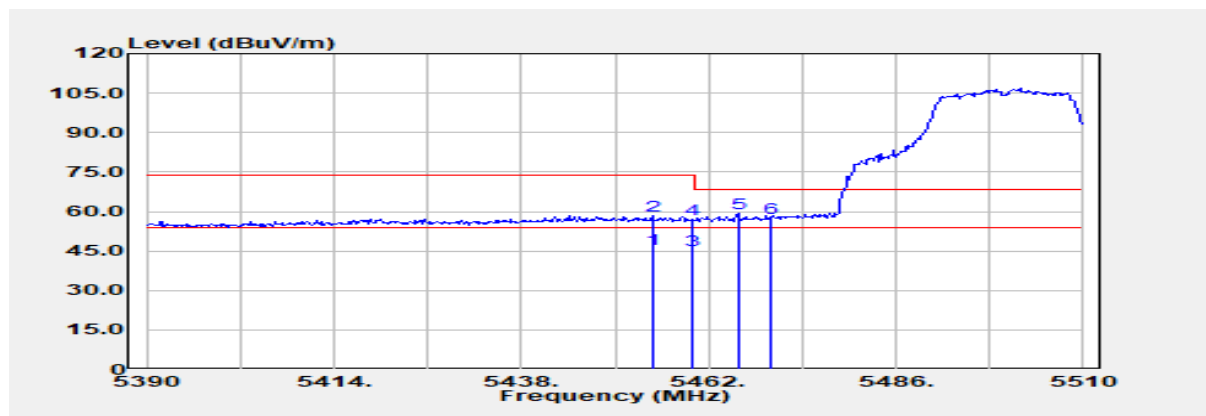
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Report Number :E2/2020/C0053
 Operation Mode :802.11n20 / Band 3
 Test Frequency :5500 MHz
 Test Mode :BE CH LOW
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-01-30
 Temp./Humi. :20.0/49
 Antenna Pol. :Horizontal
 Engineer :Ashton Chiu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5454.808	Average	33.75	11.94	45.69	54.00	-8.31
5454.808	Peak	46.64	11.94	58.58	74.00	-15.42
5460.000	Average	33.80	11.66	45.46	54.00	-8.54
5460.000	Peak	45.38	11.66	57.05	74.00	-16.95
5465.769	Peak	47.65	11.70	59.35	68.20	-8.85
5470.000	Peak	45.73	11.73	57.47	68.20	-10.73

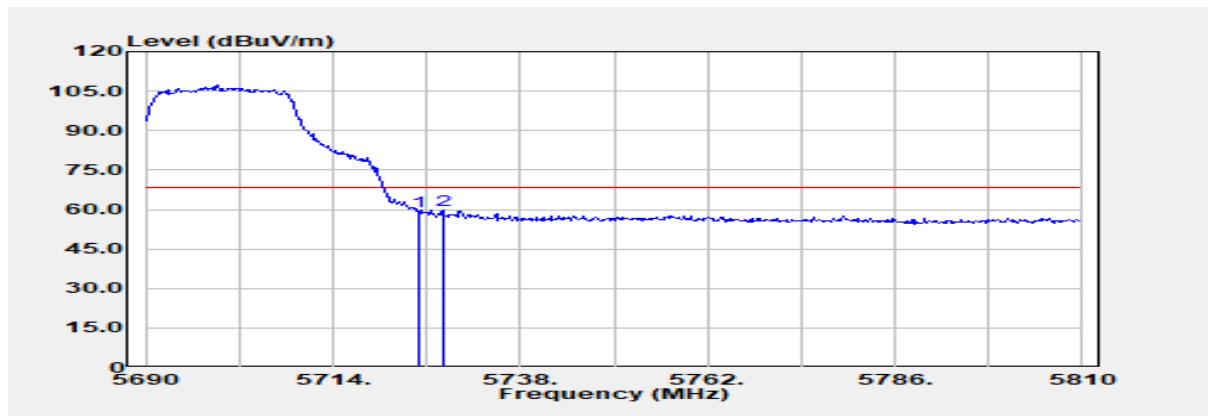
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Report Number :E2/2020/C0053
 Operation Mode :802.11n20 / Band 3
 Test Frequency :5700 MHz
 Test Mode :BE CH HIGH
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-01-30
 Temp./Humi. :20.2/49
 Antenna Pol. :Vertical
 Engineer :Ashton Chiu



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	48.63	10.62	59.25	68.20	-8.95
5728.077	Peak	49.16	10.53	59.69	68.20	-8.51

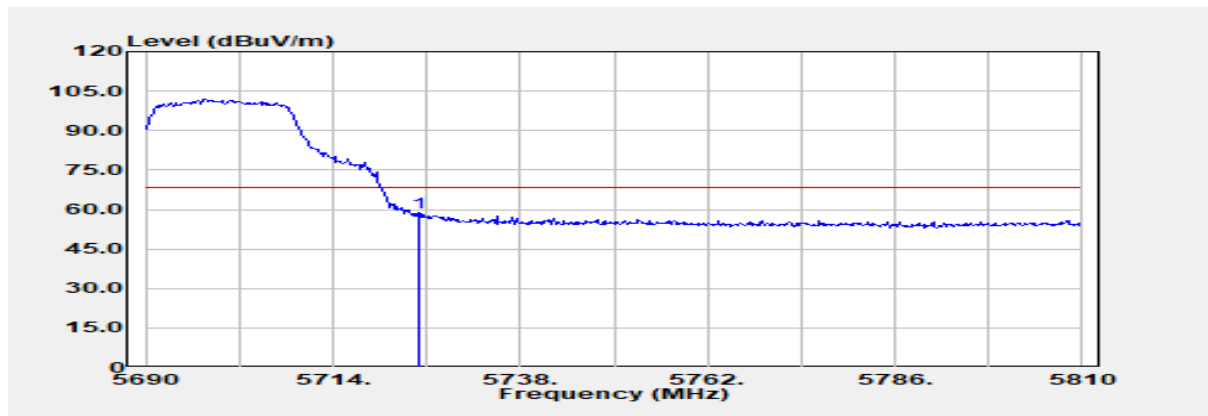
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Report Number :E2/2020/C0053
 Operation Mode :802.11n20 / Band 3
 Test Frequency :5700 MHz
 Test Mode :BE CH HIGH
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-01-30
 Temp./Humi. :20.2/49
 Antenna Pol. :Horizontal
 Engineer :Ashton Chiu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5725.000	Peak	48.31	10.62	58.93	68.20	-9.27

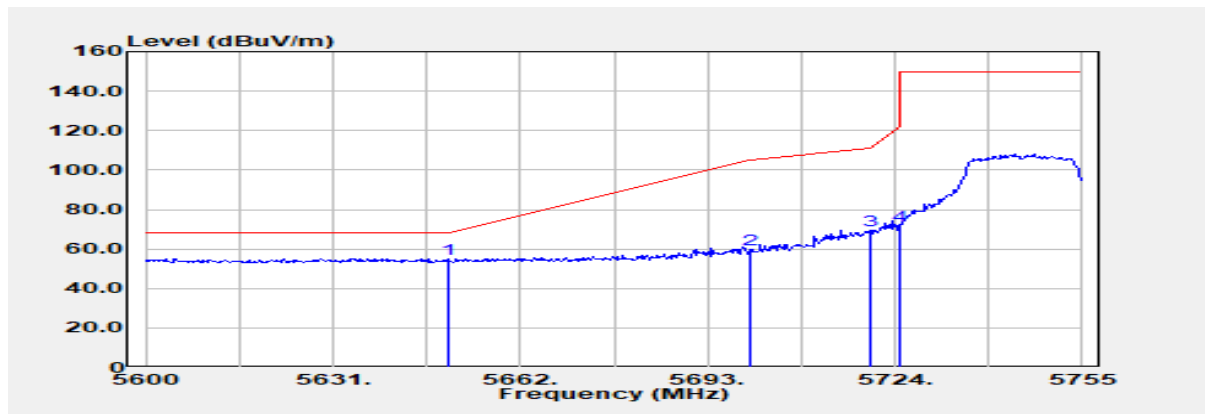
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Report Number :E2/2020/C0053
 Operation Mode :802.11n20 / Band 4
 Test Frequency :5745 MHz
 Test Mode :BE CH LOW
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-01-30
 Temp./Humi. :20.3/49
 Antenna Pol. :Vertical
 Engineer :Ashton Chiu



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	44.47	10.51	54.98	68.20	-13.22
5700.000	Peak	49.11	10.41	59.52	105.20	-45.68
5720.000	Peak	58.95	10.76	69.71	110.80	-41.09
5725.000	Peak	61.38	10.62	72.00	122.20	-50.20

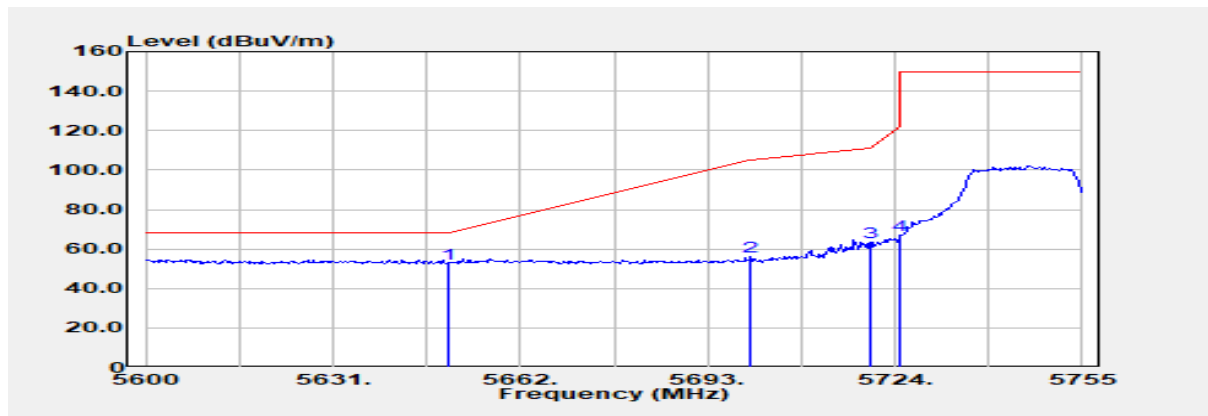
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Report Number :E2/2020/C0053
 Operation Mode :802.11n20 / Band 4
 Test Frequency :5745 MHz
 Test Mode :BE CH LOW
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-01-30
 Temp./Humi. :20.3/49
 Antenna Pol. :Horizontal
 Engineer :Ashton Chiu



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	41.98	10.51	52.48	68.20	-15.72
5700.000	Peak	45.74	10.41	56.14	105.20	-49.06
5720.000	Peak	52.57	10.76	63.33	110.80	-47.47
5725.000	Peak	56.27	10.62	66.89	122.20	-55.31

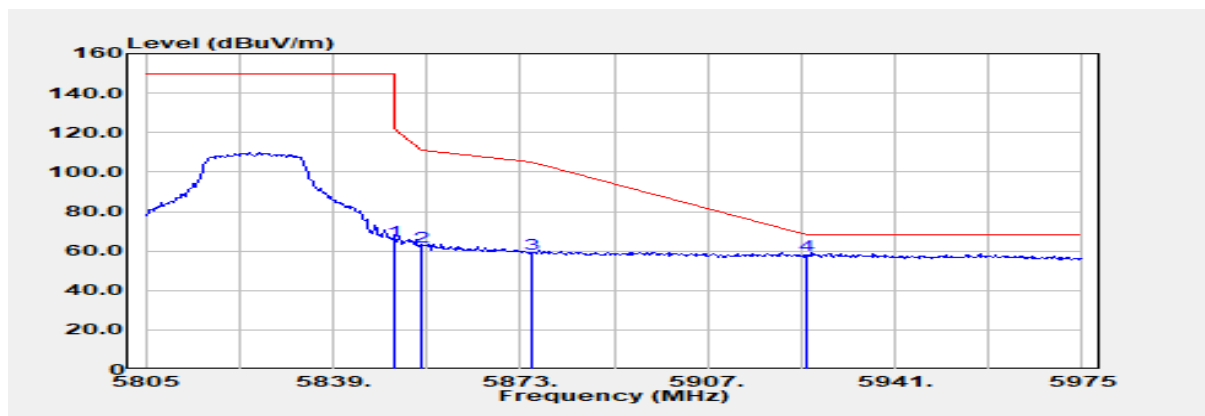
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Report Number :E2/2020/C0053
 Operation Mode :802.11n20 / Band 4
 Test Frequency :5825 MHz
 Test Mode :BE CH HIGH
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-02-08
 Temp./Humi. :21.4/51
 Antenna Pol. :Vertical
 Engineer :Ashton Chiu



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	53.68	11.31	64.98	122.20	-57.22
5855.000	Peak	50.71	11.61	62.32	110.80	-48.48
5875.000	Peak	46.71	12.08	58.79	105.20	-46.41
5925.000	Peak	44.99	12.98	57.97	68.20	-10.23

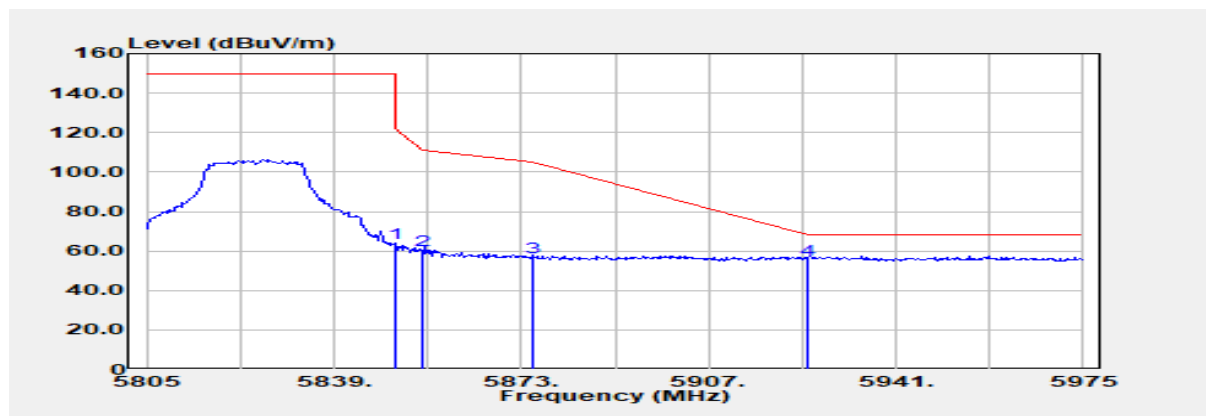
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Report Number :E2/2020/C0053
 Operation Mode :802.11n20 / Band 4
 Test Frequency :5825 MHz
 Test Mode :BE CH HIGH
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-02-08
 Temp./Humi. :21.4/51
 Antenna Pol. :Horizontal
 Engineer :Ashton Chiu



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	52.92	11.31	64.23	122.20	-57.97
5855.000	Peak	48.60	11.61	60.21	110.80	-50.59
5875.000	Peak	44.75	12.08	56.83	105.20	-48.37
5925.000	Peak	42.77	12.98	55.75	68.20	-12.45

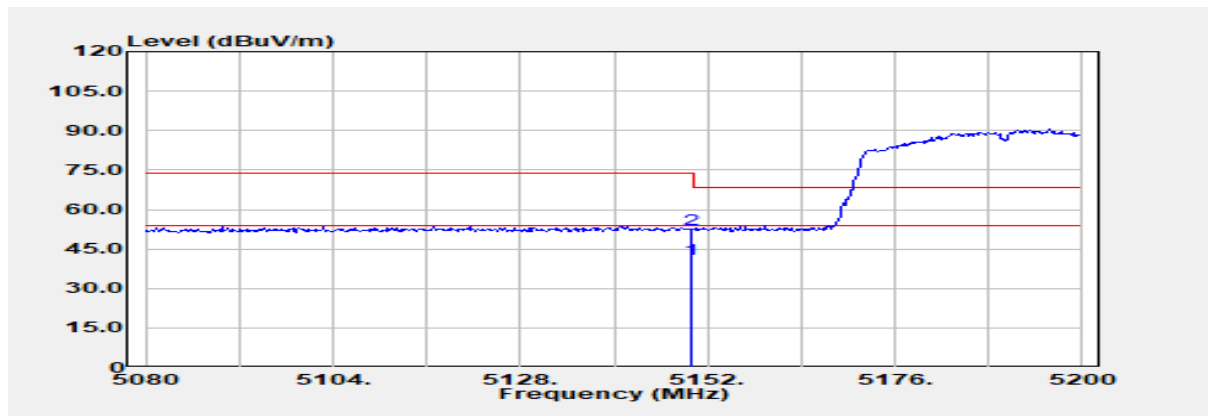
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Report Number :E2/2020/C0053
 Operation Mode :802.11n40 / Band 1
 Test Frequency :5180 MHz
 Test Mode :BE CH LOW
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-01-30
 Temp./Humi. :20.5/48
 Antenna Pol. :Vertical
 Engineer :Ashton Chiu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5150.000	Average	30.87	10.50	41.37	54.00	-12.63
5150.000	Peak	42.05	10.50	52.55	74.00	-21.45

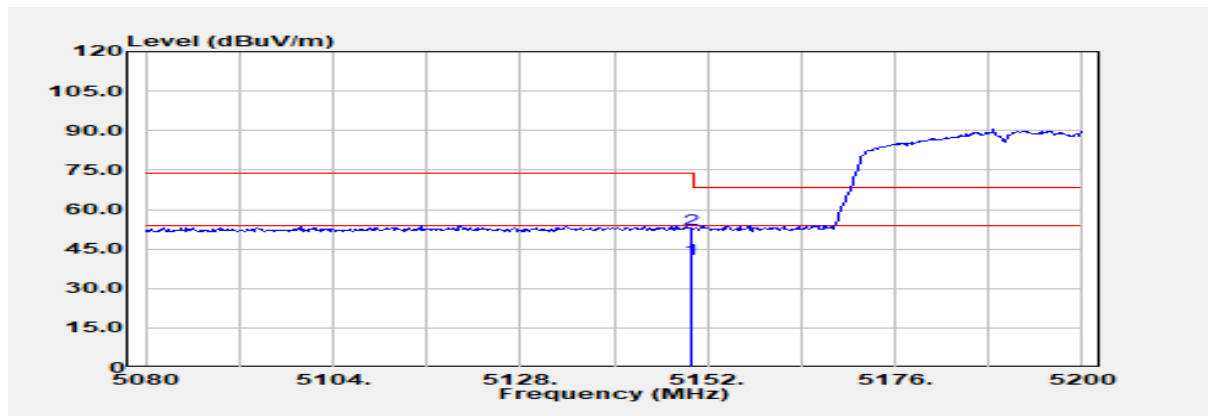
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Report Number :E2/2020/C0053
 Operation Mode :802.11n40 / Band 1
 Test Frequency :5180 MHz
 Test Mode :BE CH LOW
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-01-30
 Temp./Humi. :20.5/48
 Antenna Pol. :Horizontal
 Engineer :Ashton Chiu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5150.000	Average	30.72	10.50	41.22	54.00	-12.78
5150.000	Peak	42.11	10.50	52.61	74.00	-21.39

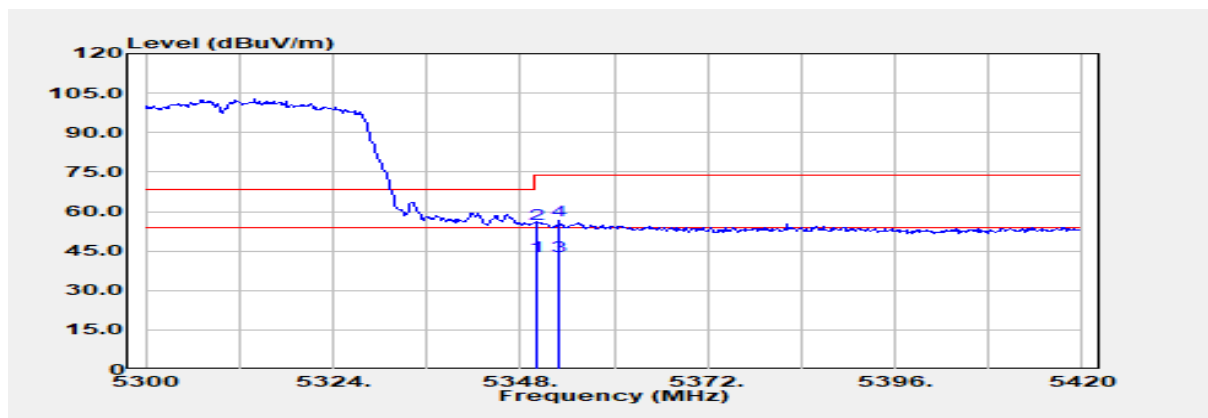
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Report Number :E2/2020/C0053
 Operation Mode :802.11n40 / Band 2
 Test Frequency :5310 MHz
 Test Mode :BE CH HIGH
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-01-30
 Temp./Humi. :20.7/48
 Antenna Pol. :Vertical
 Engineer :Ashton Chiu



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	31.68	11.54	43.22	54.00	-10.78
5350.000	Peak	43.51	11.54	55.05	74.00	-18.95
5353.077	Average	31.40	11.57	42.97	54.00	-11.03
5353.077	Peak	45.16	11.57	56.73	74.00	-17.27

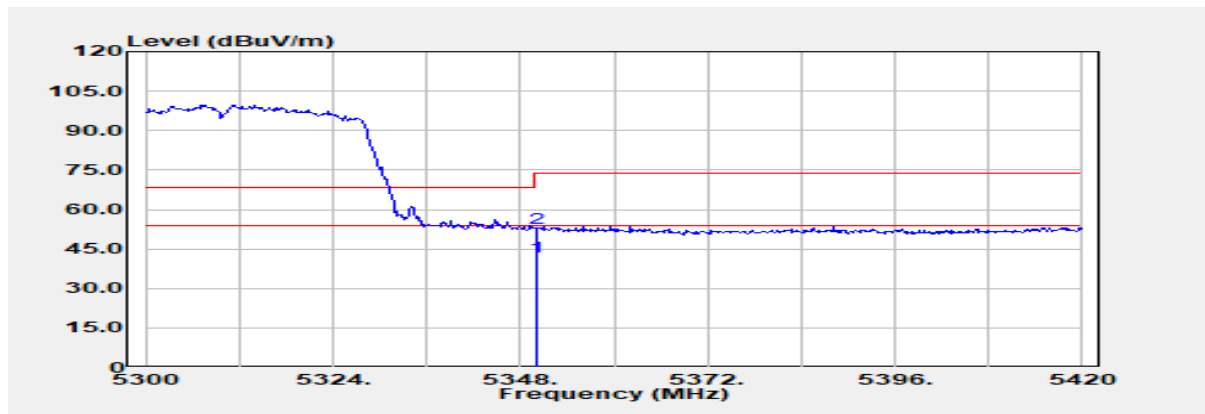
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Report Number :E2/2020/C0053
 Operation Mode :802.11n40 / Band 2
 Test Frequency :5310 MHz
 Test Mode :BE CH HIGH
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-01-30
 Temp./Humi. :20.7/48
 Antenna Pol. :Horizontal
 Engineer :Ashton Chiu



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	30.77	11.54	42.31	54.00	-11.69
5350.000	Peak	41.25	11.54	52.78	74.00	-21.22

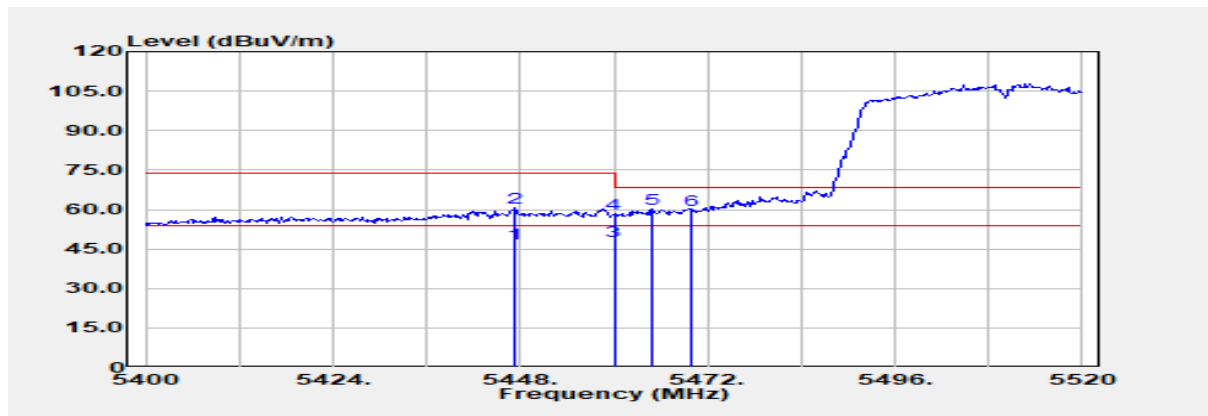
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Report Number :E2/2020/C0053
Operation Mode :802.11n40 / Band 3
Test Frequency :5510 MHz
Test Mode :BE CH LOW
EUT Pol :NB Plan

Test Site :966 Chamber C
Test Date :2021-01-30
Temp./Humi. :20.8/47
Antenna Pol. :Vertical
Engineer :Ashton Chiu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5447.308	Average	35.08	12.13	47.21	54.00	-6.79
5447.308	Peak	48.38	12.13	60.51	74.00	-13.49
5460.000	Average	36.38	11.66	48.04	54.00	-5.96
5460.000	Peak	46.55	11.66	58.22	74.00	-15.78
5465.000	Peak	48.34	11.70	60.04	68.20	-8.16
5470.000	Peak	48.06	11.73	59.79	68.20	-8.41

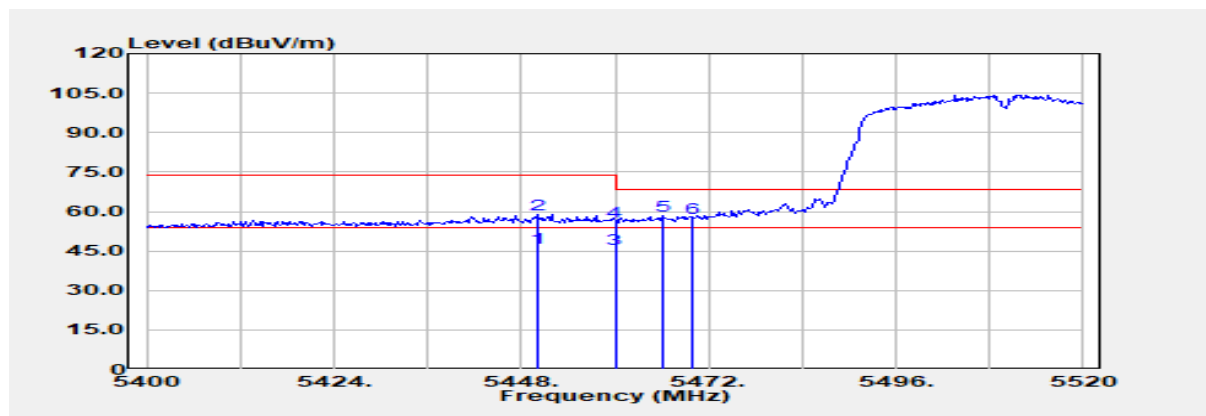
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Report Number :E2/2020/C0053
 Operation Mode :802.11n40 / Band 3
 Test Frequency :5510 MHz
 Test Mode :BE CH LOW
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-01-30
 Temp./Humi. :20.8/47
 Antenna Pol. :Horizontal
 Engineer :Ashton Chiu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5450.192	Average	33.87	12.18	46.05	54.00	-7.95
5450.192	Peak	46.75	12.18	58.92	74.00	-15.08
5460.000	Average	34.12	11.66	45.78	54.00	-8.22
5460.000	Peak	44.32	11.66	55.99	74.00	-18.01
5466.154	Peak	46.67	11.71	58.37	68.20	-9.83
5470.000	Peak	45.78	11.73	57.51	68.20	-10.69

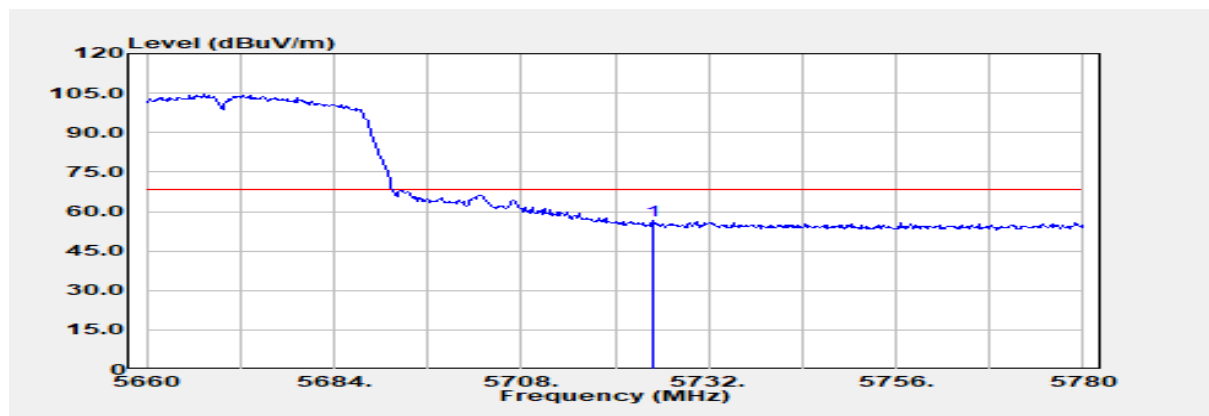
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Report Number :E2/2020/C0053
 Operation Mode :802.11n40 / Band 3
 Test Frequency :5670 MHz
 Test Mode :BE CH HIGH
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-01-30
 Temp./Humi. :20.9/46
 Antenna Pol. :Vertical
 Engineer :Ashton Chiu



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	45.94	10.62	56.56	68.20	-11.64

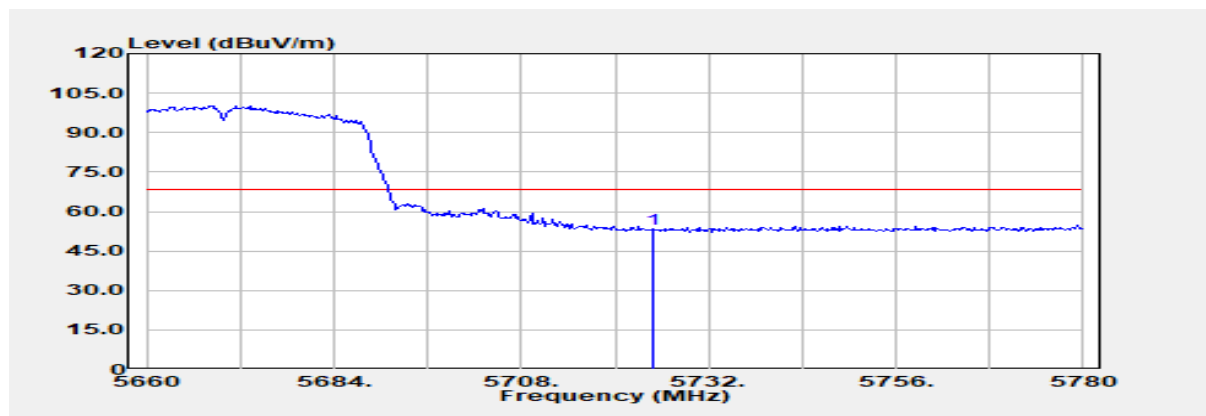
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Report Number :E2/2020/C0053
 Operation Mode :802.11n40 / Band 3
 Test Frequency :5670 MHz
 Test Mode :BE CH HIGH
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-01-30
 Temp./Humi. :20.9/46
 Antenna Pol. :Horizontal
 Engineer :Ashton Chiu



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	42.74	10.62	53.37	68.20	-14.83

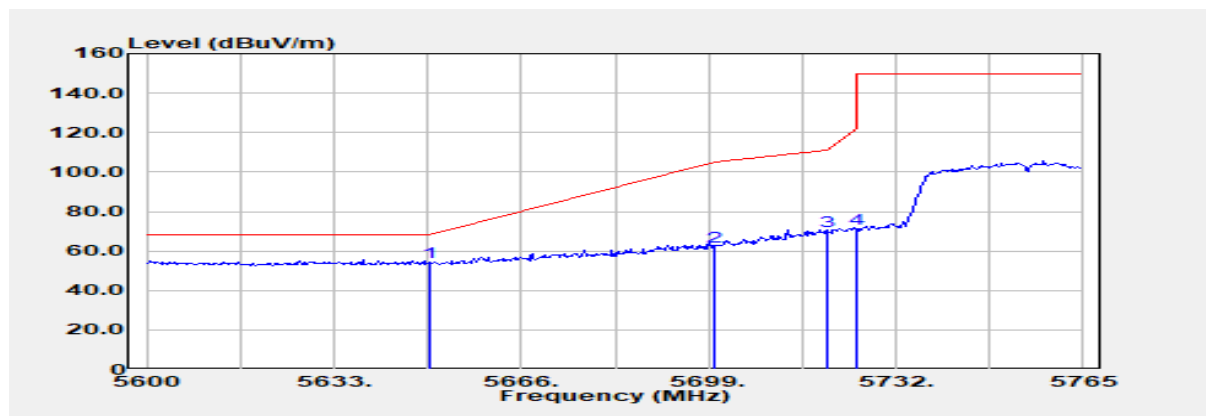
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Report Number :E2/2020/C0053
 Operation Mode :802.11n40 / Band 4
 Test Frequency :5745 MHz
 Test Mode :BE CH LOW
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-01-30
 Temp./Humi. :20.8/46
 Antenna Pol. :Vertical
 Engineer :Ashton Chiu



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	43.82	10.51	54.33	68.20	-13.87
5700.000	Peak	51.92	10.41	62.32	105.20	-42.88
5720.000	Peak	59.05	10.76	69.82	110.80	-40.98
5725.000	Peak	60.66	10.62	71.28	122.20	-50.92

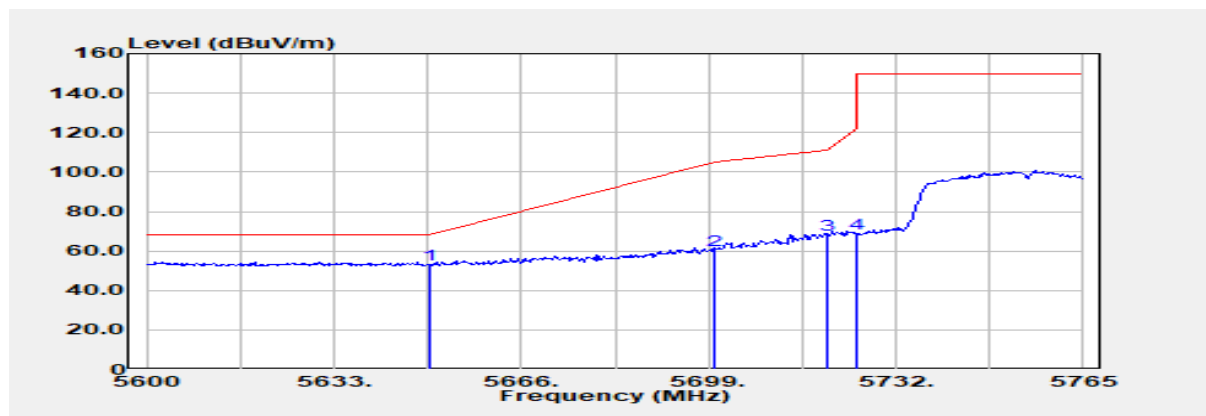
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Report Number :E2/2020/C0053
 Operation Mode :802.11n40 / Band 4
 Test Frequency :5745 MHz
 Test Mode :BE CH LOW
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-01-30
 Temp./Humi. :20.8/46
 Antenna Pol. :Horizontal
 Engineer :Ashton Chiu



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	42.82	10.51	53.33	68.20	-14.87
5700.000	Peak	50.00	10.41	60.41	105.20	-44.79
5720.000	Peak	57.70	10.76	68.46	110.80	-42.34
5725.000	Peak	58.23	10.62	68.85	122.20	-53.35

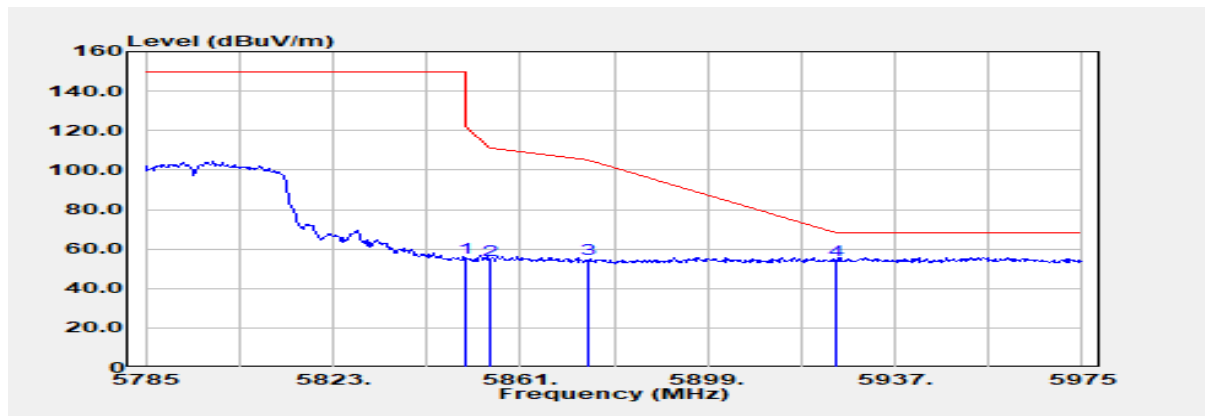
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Report Number :E2/2020/C0053
 Operation Mode :802.11n40 / Band 4
 Test Frequency :5795 MHz
 Test Mode :BE CH HIGH
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-01-30
 Temp./Humi. :20.8/46
 Antenna Pol. :Vertical
 Engineer :Ashton Chiu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5850.000	Peak	44.00	11.31	55.30	122.20	-66.90
5855.000	Peak	42.80	11.61	54.41	110.80	-56.39
5875.000	Peak	42.61	12.08	54.69	105.20	-50.51
5925.000	Peak	41.13	12.98	54.11	68.20	-14.09

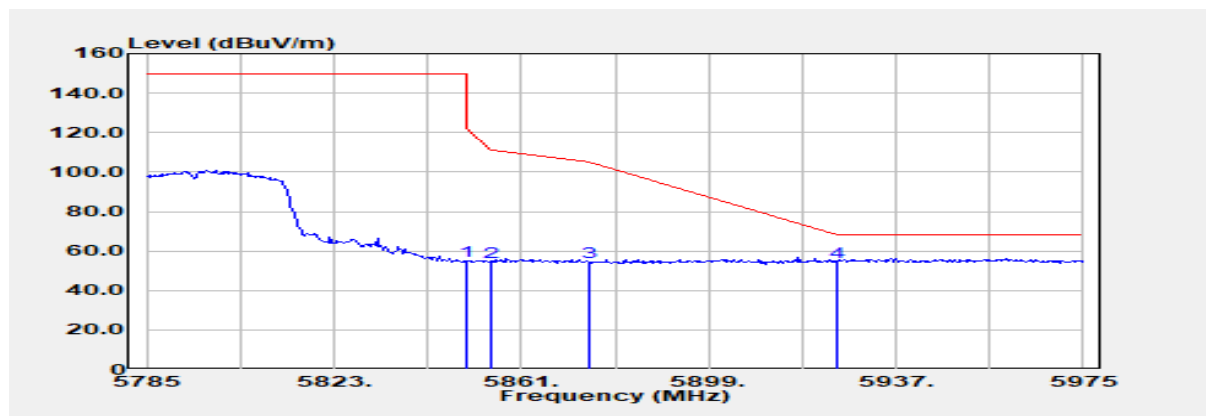
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Report Number :E2/2020/C0053
 Operation Mode :802.11n40 / Band 4
 Test Frequency :5795 MHz
 Test Mode :BE CH HIGH
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-01-30
 Temp./Humi. :20.8/46
 Antenna Pol. :Vertical
 Engineer :Ashton Chiu



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	43.88	11.31	55.19	122.20	-67.01
5855.000	Peak	42.97	11.61	54.58	110.80	-56.22
5875.000	Peak	42.35	12.08	54.44	105.20	-50.76
5925.000	Peak	41.58	12.98	54.56	68.20	-13.64

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Report Number :E2/2020/C0053

Test Site :966 Chamber C

Operation Mode :802.11ac80 / Band 1

Test Date :2021-01-30

Test Frequency :5210 MHz

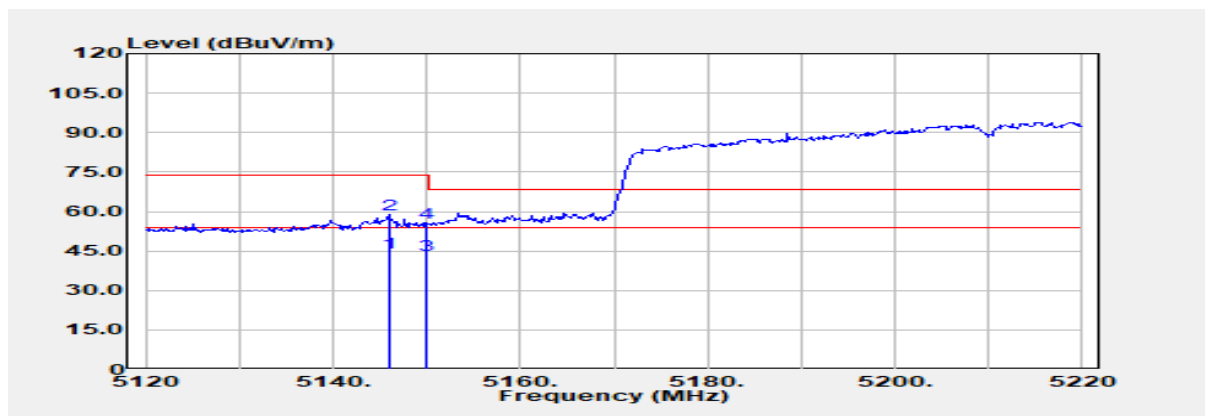
Temp./Humi. :21.1/46

Test Mode :BE CH LOW

Antenna Pol. :Vertical

EUT Pol :NB Plan

Engineer :Ashton Chiu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5145.961	Average	33.95	10.47	44.42	54.00	-9.58
5145.961	Peak	48.55	10.47	59.02	74.00	-14.98
5150.000	Average	32.96	10.50	43.46	54.00	-10.54
5150.000	Peak	45.37	10.50	55.87	74.00	-18.13

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Report Number :E2/2020/C0053

Test Site :966 Chamber C

Operation Mode :802.11ac80 / Band 1

Test Date :2021-01-30

Test Frequency :5210 MHz

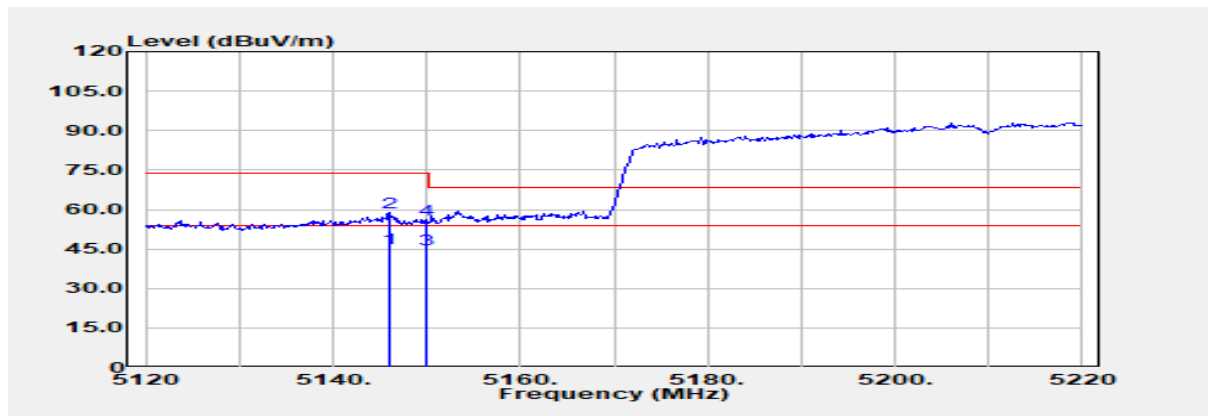
Temp./Humi. :21.1/46

Test Mode :BE CH LOW

Antenna Pol. :Horizontal

EUT Pol :NB Plan

Engineer :Ashton Chiu



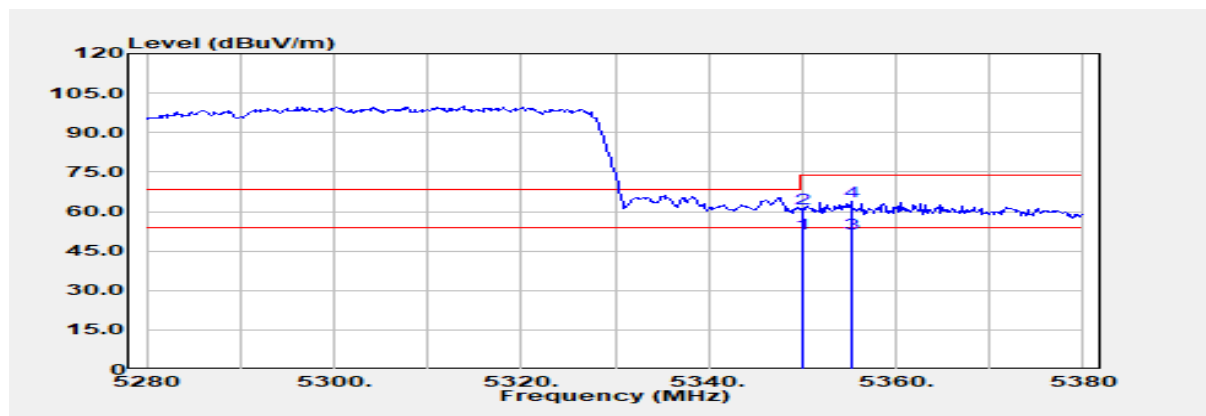
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5145.961	Average	35.01	10.47	45.48	54.00	-8.52
5145.961	Peak	48.44	10.47	58.90	74.00	-15.10
5150.000	Average	34.29	10.50	44.79	54.00	-9.21
5150.000	Peak	45.54	10.50	56.04	74.00	-17.96

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ac80 / Band 2	Test Date	:2021-01-30
Test Frequency	:5290 MHz	Temp./Humi.	:21.2/46
Test Mode	:BE CH HIGH	Antenna Pol.	:Vertical
EUT Pol	:NB Plan	Engineer	:Ashton Chiu



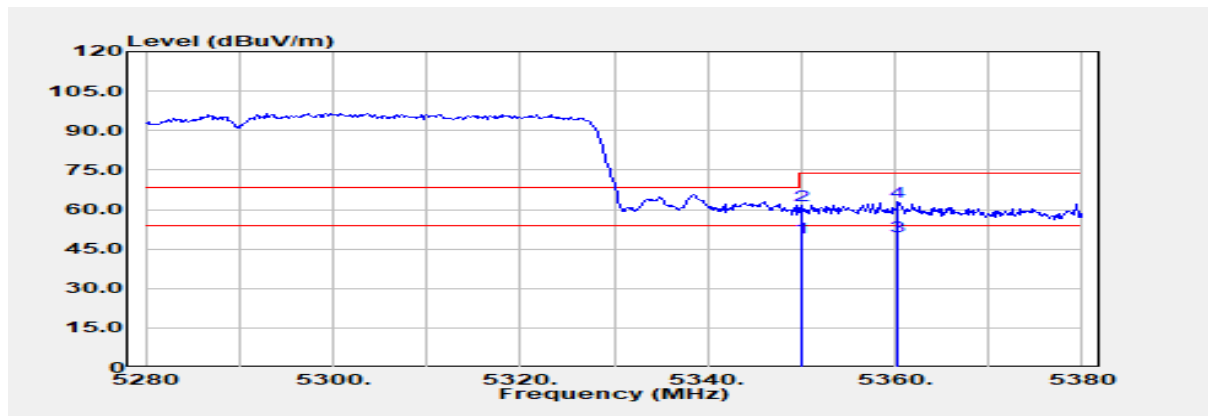
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	40.10	11.54	51.64	54.00	-2.36
5350.000	Peak	49.45	11.54	60.99	74.00	-13.01
5355.160	Average	39.84	11.59	51.43	54.00	-2.57
5355.160	Peak	52.12	11.59	63.71	74.00	-10.29

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ac80 / Band 2	Test Date	:2021-01-30
Test Frequency	:5290 MHz	Temp./Humi.	:21.2/46
Test Mode	:BE CH HIGH	Antenna Pol.	:Horizontal
EUT Pol	:NB Plan	Engineer	:Ashton Chiu



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	37.85	11.54	49.39	54.00	-4.61
5350.000	Peak	49.82	11.54	61.36	74.00	-12.64
5360.289	Average	38.23	11.62	49.85	54.00	-4.15
5360.289	Peak	51.15	11.62	62.77	74.00	-11.23

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Report Number :E2/2020/C0053

Test Site :966 Chamber C

Operation Mode :802.11ac80 / Band 3

Test Date :2021-01-30

Test Frequency :5530 MHz

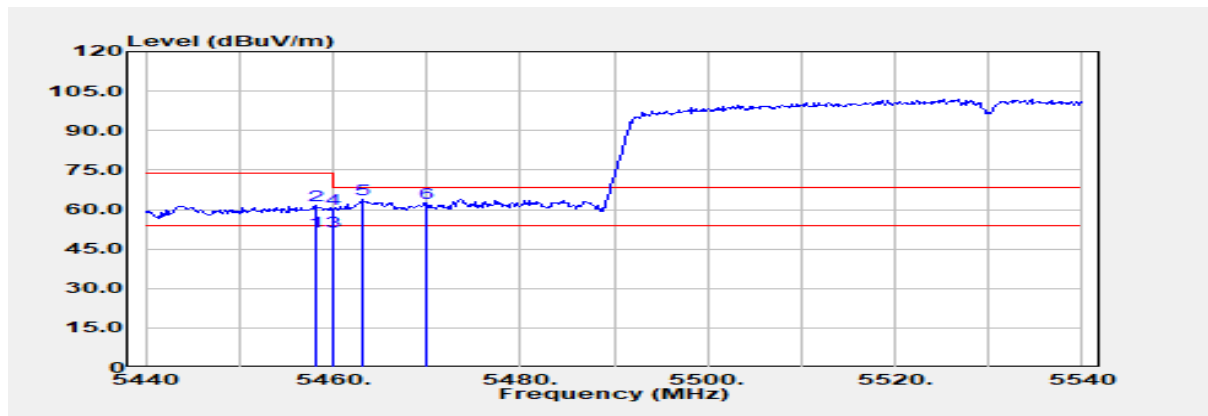
Temp./Humi. :21.2/46

Test Mode :BE CH LOW

Antenna Pol. :Vertical

EUT Pol :NB Plan

Engineer :Ashton Chiu



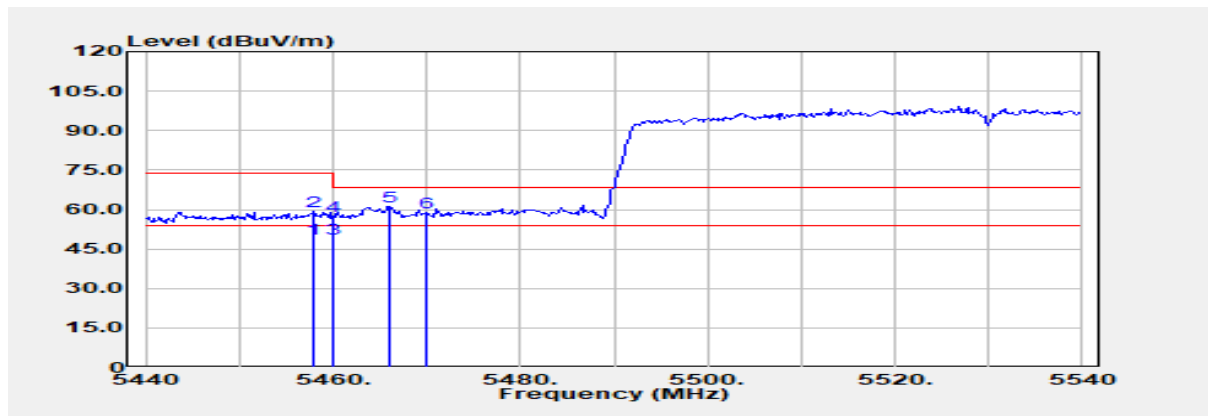
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5458.109	Average	40.08	11.76	51.84	54.00	-2.16
5458.109	Peak	49.61	11.76	61.38	74.00	-12.62
5460.000	Average	39.88	11.66	51.54	54.00	-2.46
5460.000	Peak	48.49	11.66	60.16	74.00	-13.84
5463.237	Peak	51.97	11.69	63.66	68.20	-4.54
5470.000	Peak	50.64	11.73	62.37	68.20	-5.83

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ac80 / Band 3	Test Date	:2021-01-30
Test Frequency	:5530 MHz	Temp./Humi.	:21.2/46
Test Mode	:BE CH LOW	Antenna Pol.	:Horizontal
EUT Pol	:NB Plan	Engineer	:Ashton Chiu



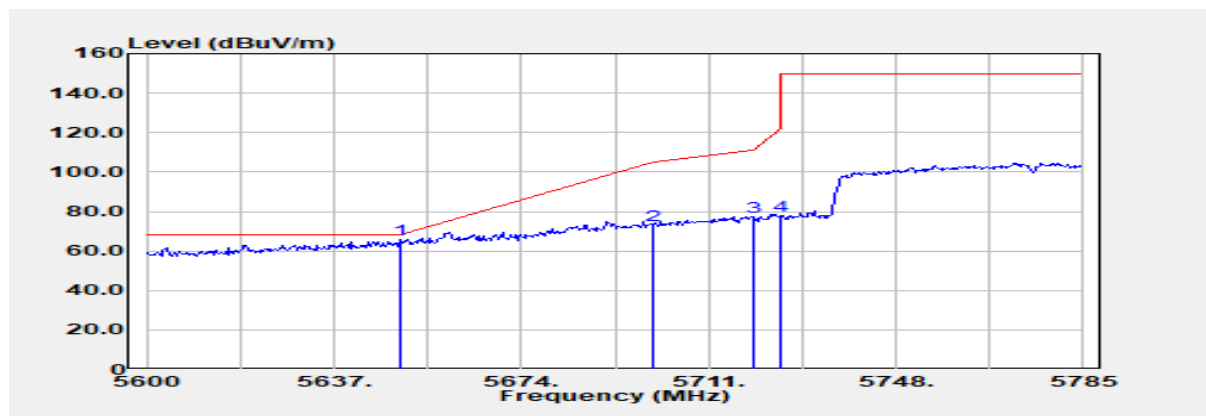
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5457.949	Average	37.03	11.77	48.80	54.00	-5.20
5457.949	Peak	47.64	11.77	59.41	74.00	-14.59
5460.000	Average	37.44	11.66	49.10	54.00	-4.90
5460.000	Peak	45.69	11.66	57.36	74.00	-16.64
5466.122	Peak	49.59	11.71	61.30	68.20	-6.90
5470.000	Peak	47.24	11.73	58.97	68.20	-9.23

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ac80 / Band 4	Test Date	:2021-01-30
Test Frequency	:5775 MHz	Temp./Humi.	:21.6/45
Test Mode	:BE CH LOW	Antenna Pol.	:Vertical
EUT Pol	:NB Plan	Engineer	:Ashton Chiu



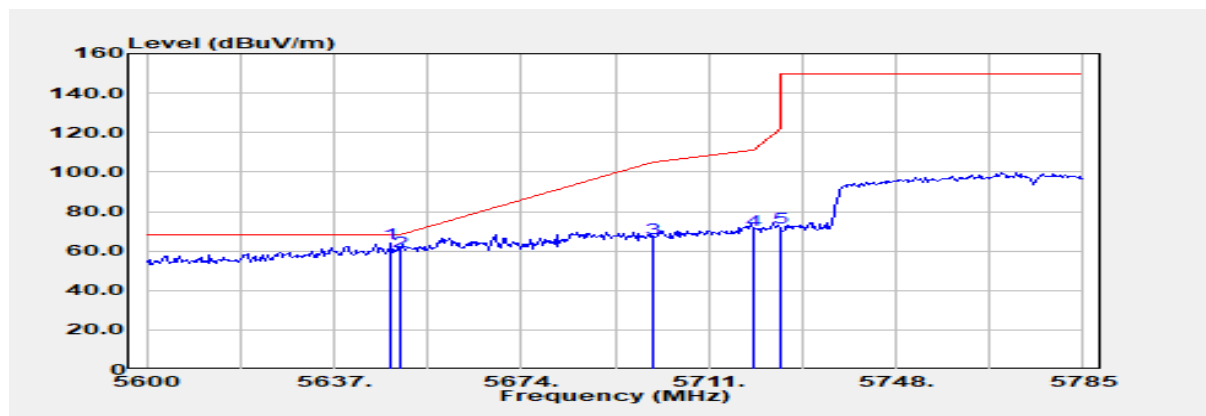
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.000	Peak	55.51	10.51	66.02	68.20	-2.18
5700.000	Peak	62.70	10.41	73.11	105.20	-32.09
5720.000	Peak	66.59	10.76	77.35	110.80	-33.45
5725.000	Peak	67.02	10.62	77.64	122.20	-44.56

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ac80 / Band 4	Test Date	:2021-01-30
Test Frequency	:5775 MHz	Temp./Humi.	:21.6/45
Test Mode	:BE CH LOW	Antenna Pol.	:Horizontal
EUT Pol	:NB Plan	Engineer	:Ashton Chiu



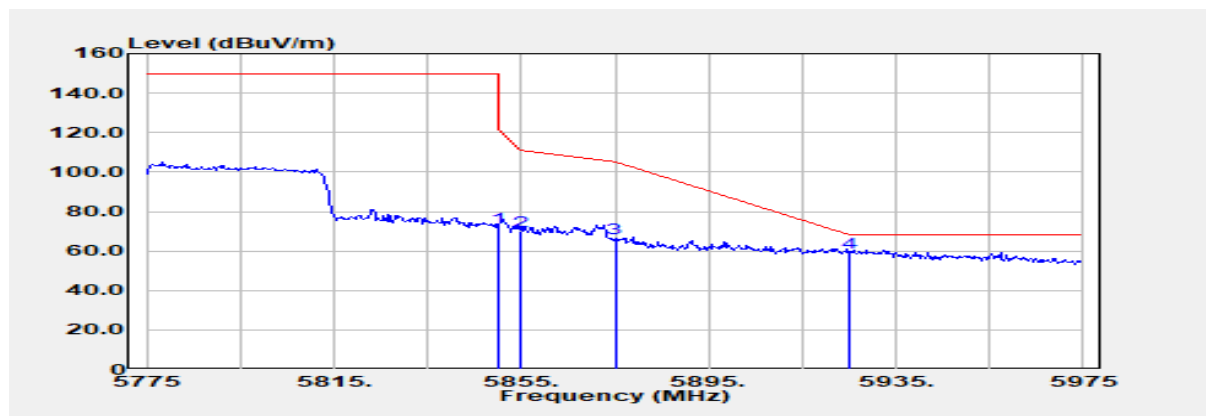
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5648.325	Peak	53.72	10.53	64.25	68.20	-3.95
5650.000	Peak	49.46	10.51	59.96	68.20	-8.24
5700.000	Peak	56.16	10.41	66.57	105.20	-38.63
5720.000	Peak	59.99	10.76	70.75	110.80	-40.05
5725.000	Peak	61.10	10.62	71.72	122.20	-50.48

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ac80 / Band 4	Test Date	:2021-01-30
Test Frequency	:5775 MHz	Temp./Humi.	:21.6/45
Test Mode	:BE CH HIGH	Antenna Pol.	:Vertical
EUT Pol	:NB Plan	Engineer	:Ashton Chiu



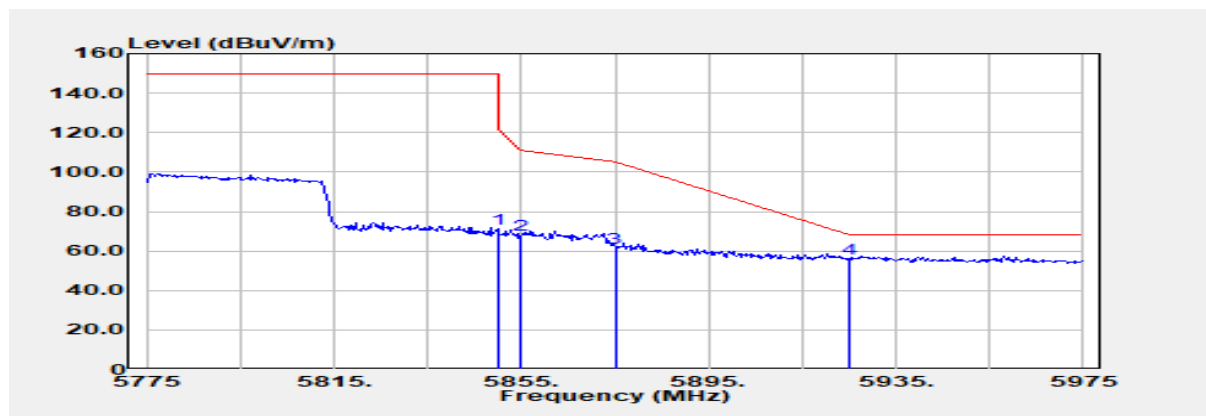
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	60.49	11.31	71.80	122.20	-50.40
5855.000	Peak	58.54	11.61	70.15	110.80	-40.65
5875.000	Peak	54.19	12.08	66.27	105.20	-38.93
5925.000	Peak	45.95	12.98	58.93	68.20	-9.27

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ac80 / Band 4	Test Date	:2021-01-30
Test Frequency	:5775 MHz	Temp./Humi.	:21.6/45
Test Mode	:BE CH HIGH	Antenna Pol.	:Horizontal
EUT Pol	:NB Plan	Engineer	:Ashton Chiu



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	59.91	11.31	71.21	122.20	-50.99
5855.000	Peak	56.57	11.61	68.18	110.80	-42.62
5875.000	Peak	49.63	12.08	61.71	105.20	-43.49
5925.000	Peak	43.36	12.98	56.35	68.20	-11.85

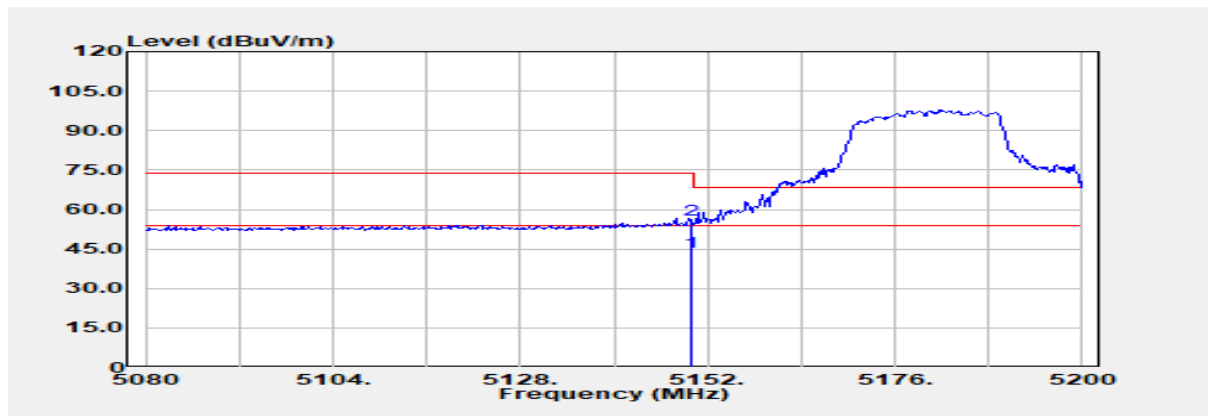
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Report Number :E2/2020/C0053
 Operation Mode :802.11ax20 / Band 1
 Test Frequency :5180 MHz
 Test Mode :BE CH LOW FULL RU
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-02-01
 Temp./Humi. :21.2/52
 Antenna Pol. :Vertical
 Engineer :Ashton Chiu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5150.000	Average	33.36	10.50	43.86	54.00	-10.14
5150.000	Peak	45.80	10.50	56.30	74.00	-17.70

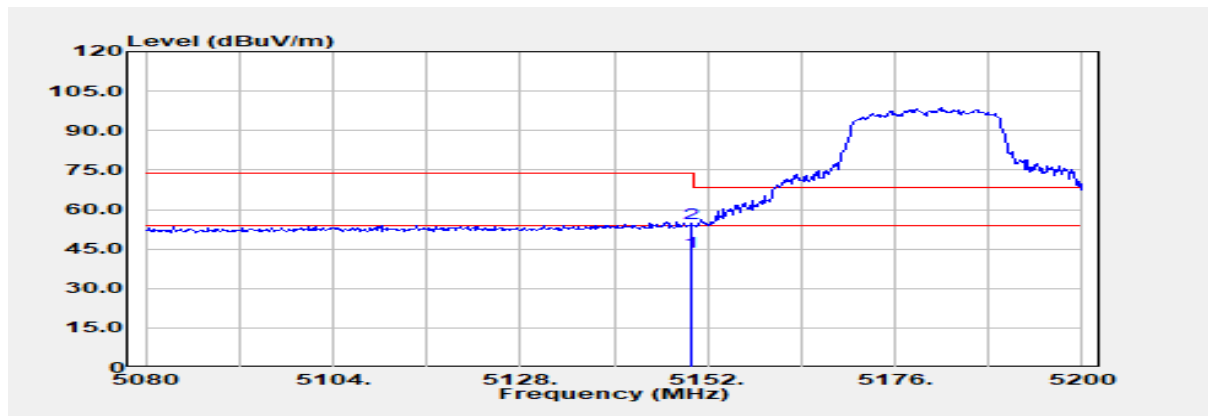
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Report Number :E2/2020/C0053
 Operation Mode :802.11ax20 / Band 1
 Test Frequency :5180 MHz
 Test Mode :BE CH LOW FULL RU
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-02-01
 Temp./Humi. :21.2/52
 Antenna Pol. :Horizontal
 Engineer :Ashton Chiu



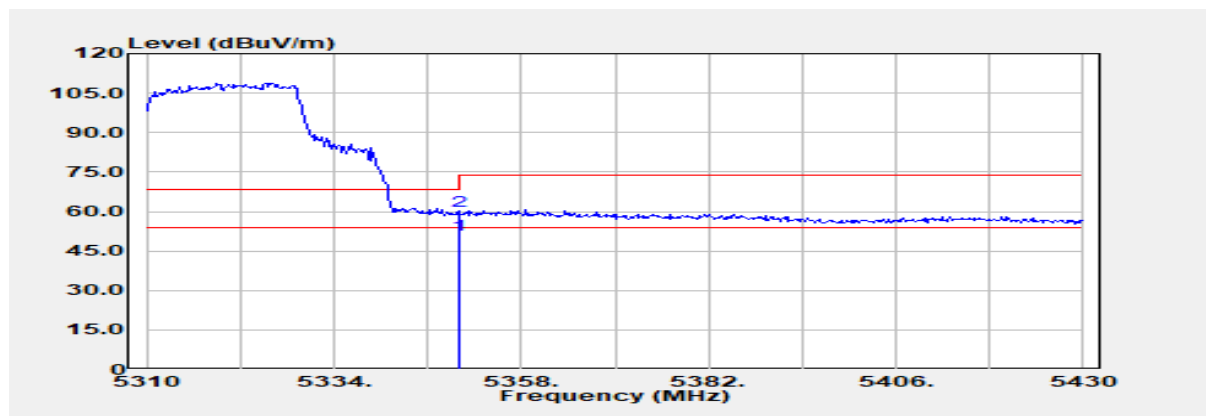
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5150.000	Average	33.54	10.50	44.04	54.00	-9.96
5150.000	Peak	44.12	10.50	54.62	74.00	-19.38

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax20 / Band 2	Test Date	:2021-02-01
Test Frequency	:5320 MHz	Temp./Humi.	:20.5/54
Test Mode	:BE CH HIGH FULL RU	Antenna Pol.	:Vertical
EUT Pol	:NB Plan	Engineer	:Ashton Chiu



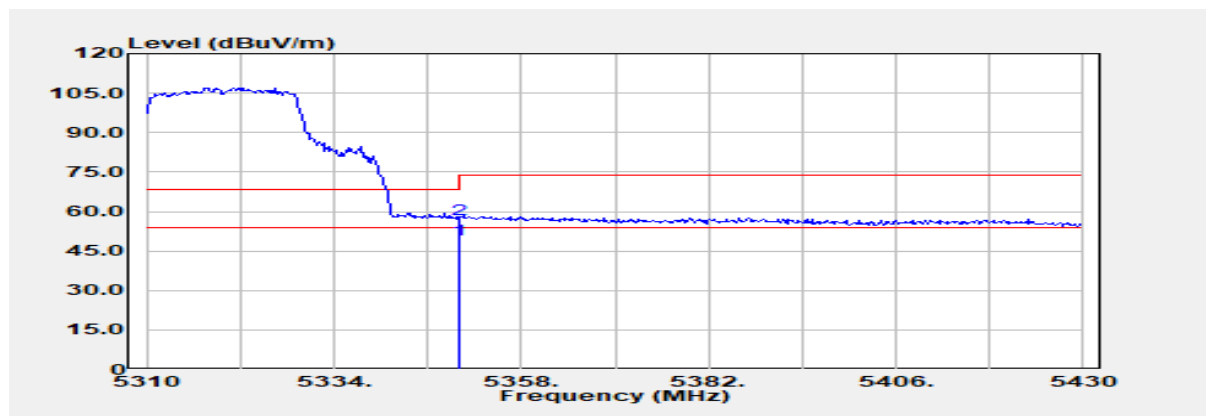
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	39.67	11.54	51.21	54.00	-2.79
5350.000	Peak	48.65	11.54	60.19	74.00	-13.81

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax20 / Band 2	Test Date	:2021-02-01
Test Frequency	:5320 MHz	Temp./Humi.	:20.5/54
Test Mode	:BE CH HIGH FULL RU	Antenna Pol.	:Horizontal
EUT Pol	:NB Plan	Engineer	:Ashton Chiu



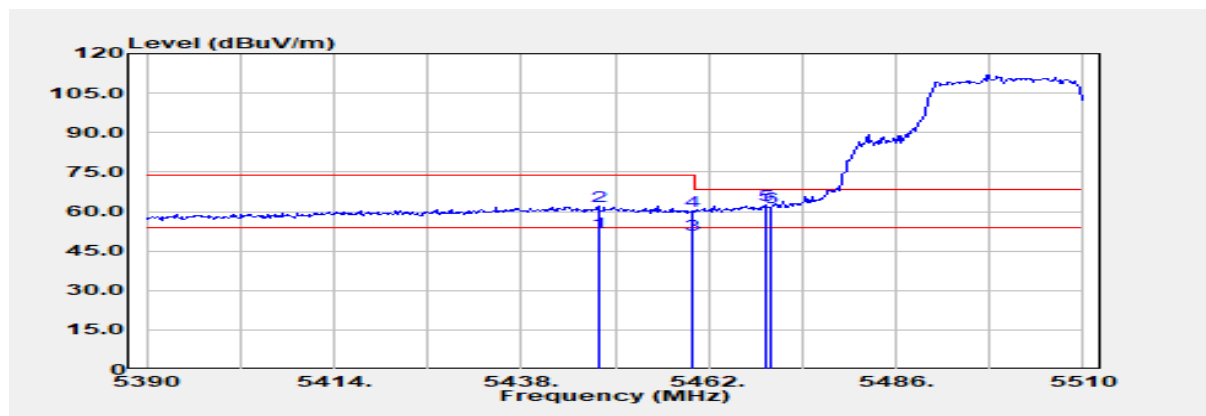
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	37.61	11.54	49.15	54.00	-4.85
5350.000	Peak	45.66	11.54	57.19	74.00	-16.81

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax20 / Band 3	Test Date	:2021-02-01
Test Frequency	:5500 MHz	Temp./Humi.	:20.5/54
Test Mode	:BE CH LOW FULL RU	Antenna Pol.	:Vertical
EUT Pol	:NB Plan	Engineer	:Ashton Chiu



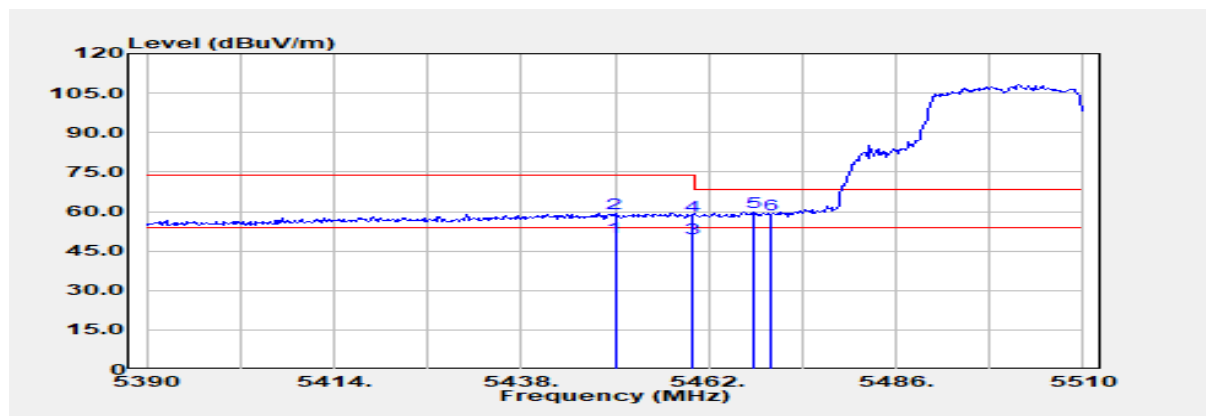
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5447.885	Average	39.71	12.14	51.85	54.00	-2.15
5447.885	Peak	49.75	12.14	61.89	74.00	-12.11
5460.000	Average	39.56	11.66	51.22	54.00	-2.78
5460.000	Peak	48.69	11.66	60.35	74.00	-13.65
5469.423	Peak	50.91	11.73	62.64	68.20	-5.56
5470.000	Peak	49.87	11.73	61.61	68.20	-6.59

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax20 / Band 3	Test Date	:2021-02-01
Test Frequency	:5500 MHz	Temp./Humi.	:20.5/54
Test Mode	:BE CH LOW FULL RU	Antenna Pol.	:Horizontal
EUT Pol	:NB Plan	Engineer	:Ashton Chiu



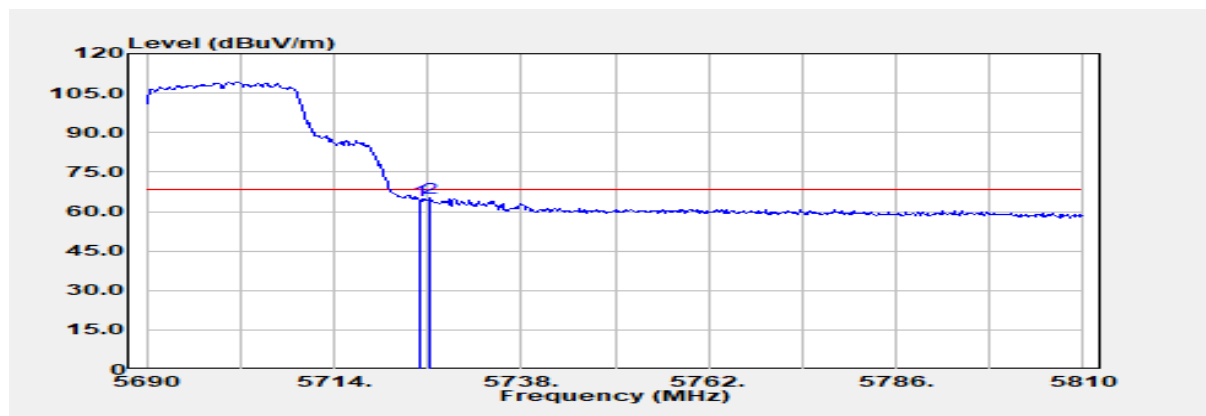
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5450.000	Average	37.90	12.19	50.09	54.00	-3.91
5450.000	Peak	47.35	12.19	59.54	74.00	-14.46
5460.000	Average	38.18	11.66	49.84	54.00	-4.16
5460.000	Peak	46.67	11.66	58.33	74.00	-15.67
5467.692	Peak	48.02	11.72	59.73	68.20	-8.47
5470.000	Peak	47.00	11.73	58.73	68.20	-9.47

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax20 / Band 3	Test Date	:2021-02-01
Test Frequency	:5700 MHz	Temp./Humi.	:21.8/52
Test Mode	:BE CH HIGH FULL RU	Antenna Pol.	:Vertical
EUT Pol	:NB Plan	Engineer	:Ashton Chiu



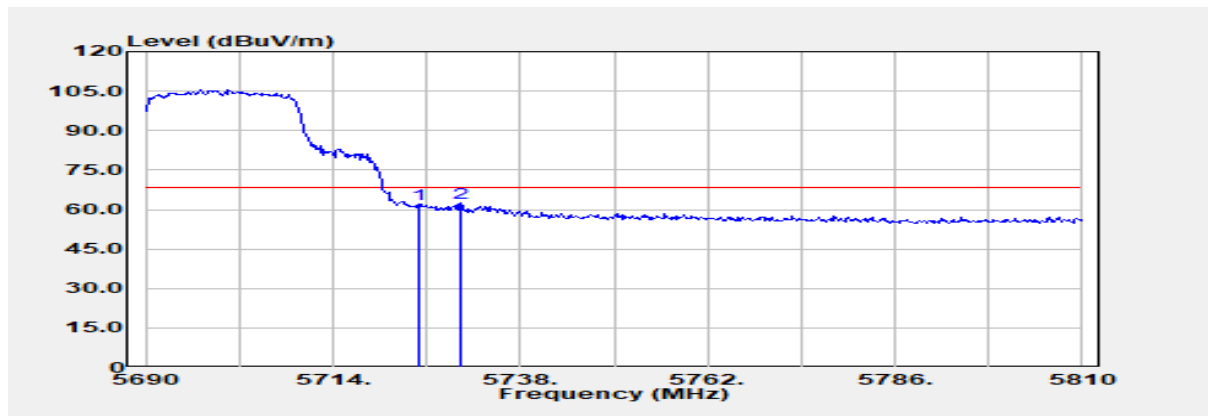
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	53.48	10.62	64.10	68.20	-4.10
5726.346	Peak	54.54	10.58	65.12	68.20	-3.08

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax20 / Band 3	Test Date	:2021-02-01
Test Frequency	:5700 MHz	Temp./Humi.	:21.8/52
Test Mode	:BE CH HIGH FULL RU	Antenna Pol.	:Horizontal
EUT Pol	:NB Plan	Engineer	:Ashton Chiu



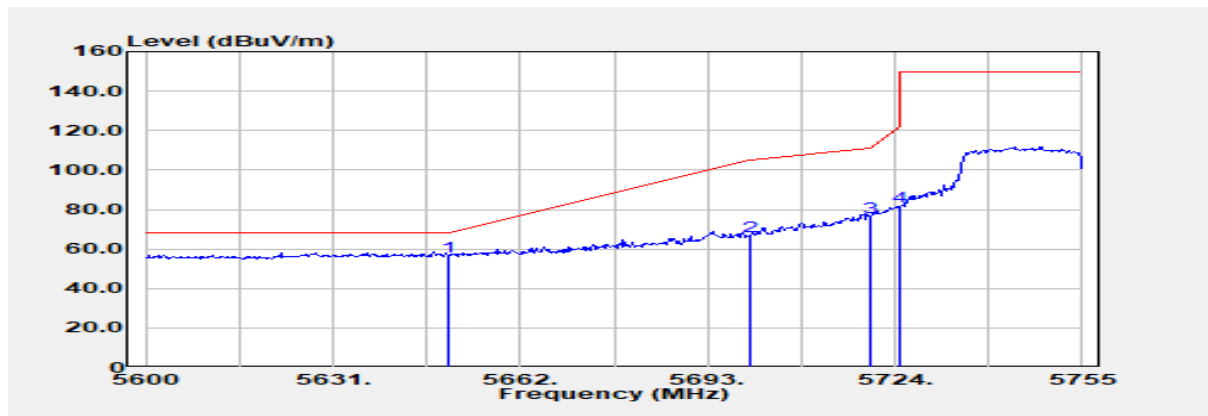
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	51.20	10.62	61.82	68.20	-6.38
5730.385	Peak	51.83	10.49	62.32	68.20	-5.88

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax20 / Band 4	Test Date	:2021-02-01
Test Frequency	:5745 MHz	Temp./Humi.	:21.3/54
Test Mode	:BE CH LOW FULL RU	Antenna Pol.	:Vertical
EUT Pol	:NB Plan	Engineer	:Ashton Chiu



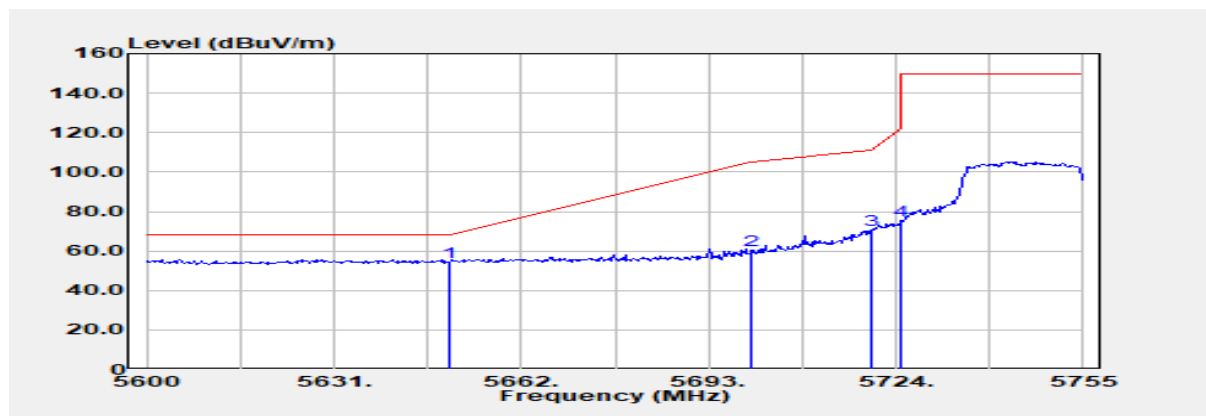
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.000	Peak	45.76	10.51	56.27	68.20	-11.93
5700.000	Peak	56.18	10.41	66.58	105.20	-38.62
5720.000	Peak	65.35	10.76	76.11	110.80	-34.69
5725.000	Peak	71.12	10.62	81.75	122.20	-40.45

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax20 / Band 4	Test Date	:2021-02-01
Test Frequency	:5745 MHz	Temp./Humi.	:21.3/54
Test Mode	:BE CH LOW FULL RU	Antenna Pol.	:Horizontal
EUT Pol	:NB Plan	Engineer	:Ashton Chiu



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	43.87	10.51	54.37	68.20	-13.83
5700.000	Peak	49.71	10.41	60.12	105.20	-45.08
5720.000	Peak	60.00	10.76	70.76	110.80	-40.04
5725.000	Peak	64.61	10.62	75.23	122.20	-46.97

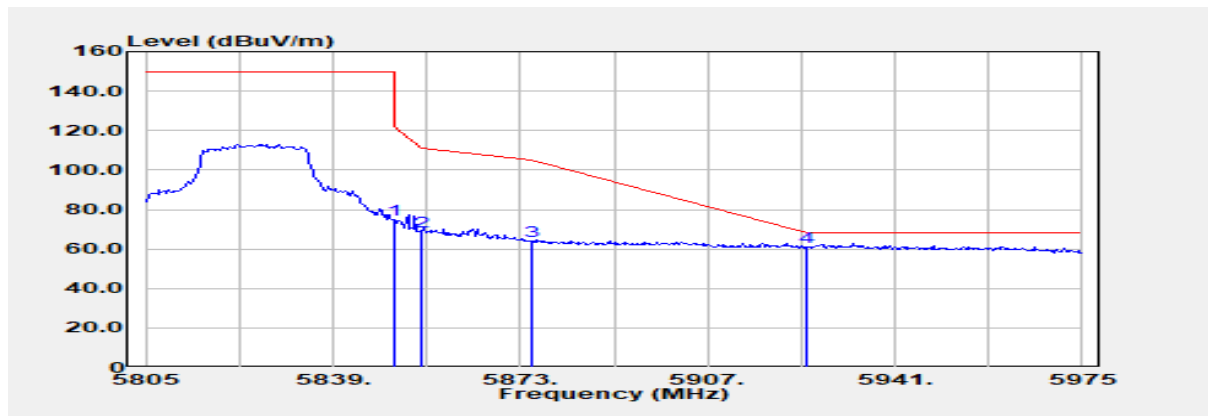
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Report Number :E2/2020/C0053
 Operation Mode :802.11ax20 / Band 4
 Test Frequency :5825 MHz
 Test Mode :BE CH HIGH FULL RU
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-02-01
 Temp./Humi. :20.9/55
 Antenna Pol. :Vertical
 Engineer :Ashton Chiu



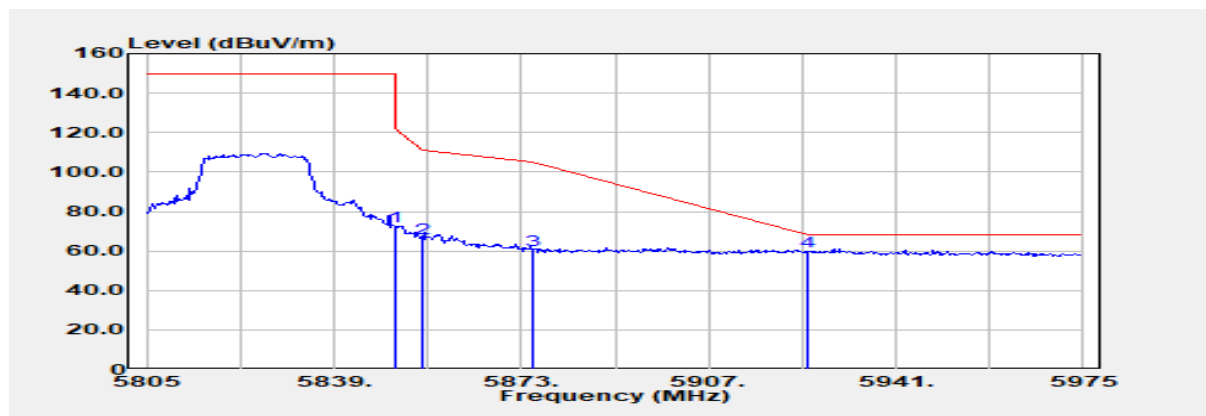
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	63.52	11.31	74.83	122.20	-47.37
5855.000	Peak	57.15	11.61	68.76	110.80	-42.04
5875.000	Peak	52.05	12.08	64.13	105.20	-41.07
5925.000	Peak	47.82	12.98	60.80	68.20	-7.40

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax20 / Band 4	Test Date	:2021-02-01
Test Frequency	:5825 MHz	Temp./Humi.	:20.9/55
Test Mode	:BE CH HIGH FULL RU	Antenna Pol.	:Horizontal
EUT Pol	:NB Plan	Engineer	:Ashton Chiu



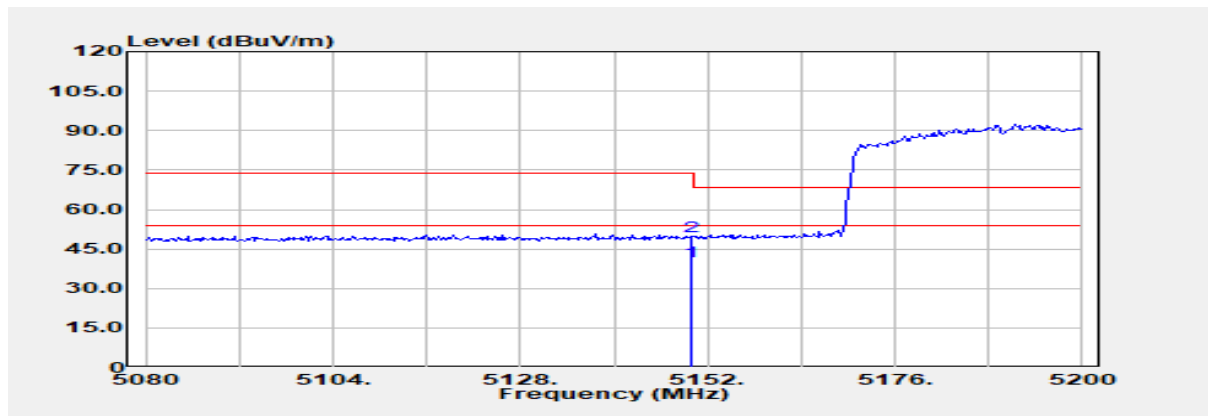
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	61.40	11.31	72.70	122.20	-49.50
5855.000	Peak	54.72	11.61	66.33	110.80	-44.47
5875.000	Peak	48.21	12.08	60.29	105.20	-44.91
5925.000	Peak	46.72	12.98	59.70	68.20	-8.50

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax40 / Band 1	Test Date	:2021-02-08
Test Frequency	:5190 MHz	Temp./Humi.	:21.2/55
Test Mode	:BE CH LOW FULL RU	Antenna Pol.	:Vertical
EUT Pol	:NB Plan	Engineer	:Ashton Chiu



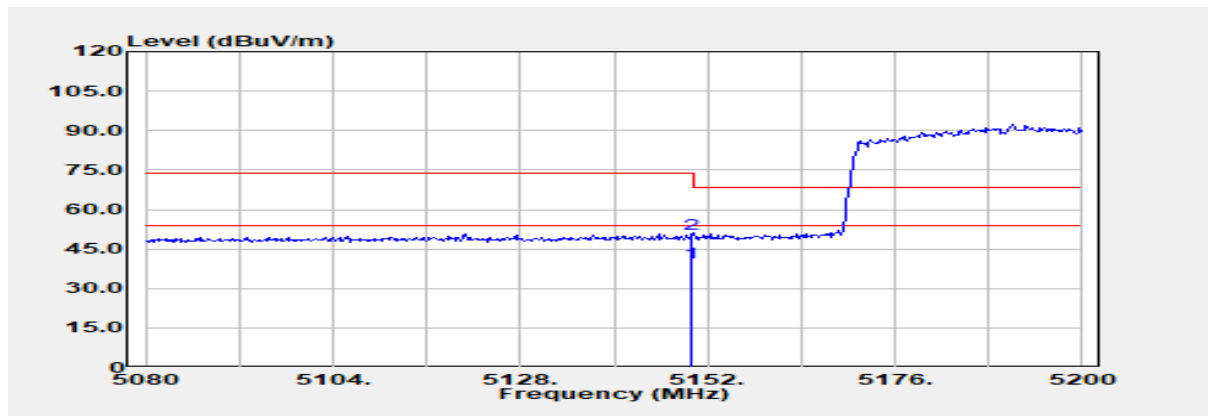
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5150.000	Average	29.58	10.50	40.08	54.00	-13.92
5150.000	Peak	39.20	10.50	49.70	74.00	-24.30

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax40 / Band 1	Test Date	:2021-02-08
Test Frequency	:5190 MHz	Temp./Humi.	:21.2/55
Test Mode	:BE CH LOW FULL RU	Antenna Pol.	:Horizontal
EUT Pol	:NB Plan	Engineer	:Ashton Chiu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5150.000	Average	29.44	10.50	39.94	54.00	-14.06
5150.000	Peak	40.11	10.50	50.61	74.00	-23.39

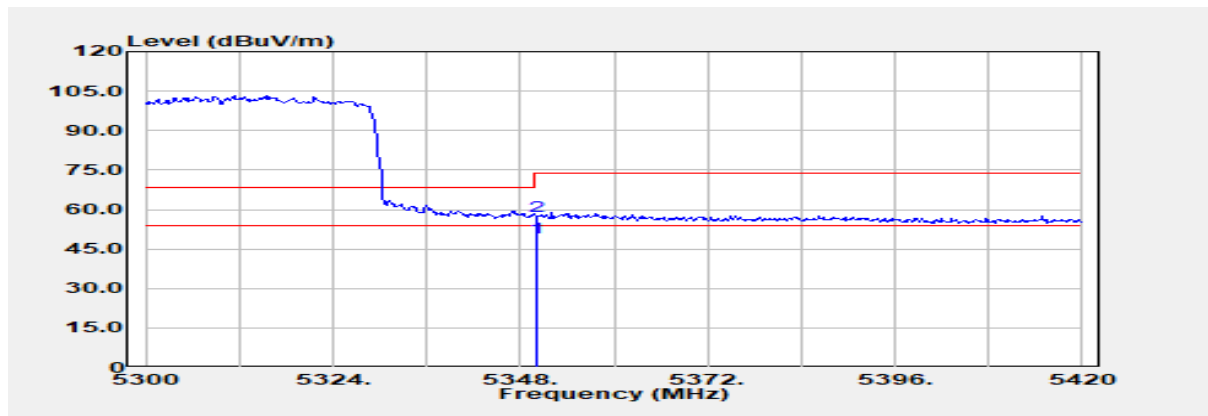
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Report Number :E2/2020/C0053
 Operation Mode :802.11ax40 / Band 2
 Test Frequency :5310 MHz
 Test Mode :BE CH HIGH FULL RU
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-02-08
 Temp./Humi. :21.2/55
 Antenna Pol. :Vertical
 Engineer :Ashton Chiu



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	37.62	11.54	49.16	54.00	-4.84
5350.000	Peak	45.90	11.54	57.44	74.00	-16.56

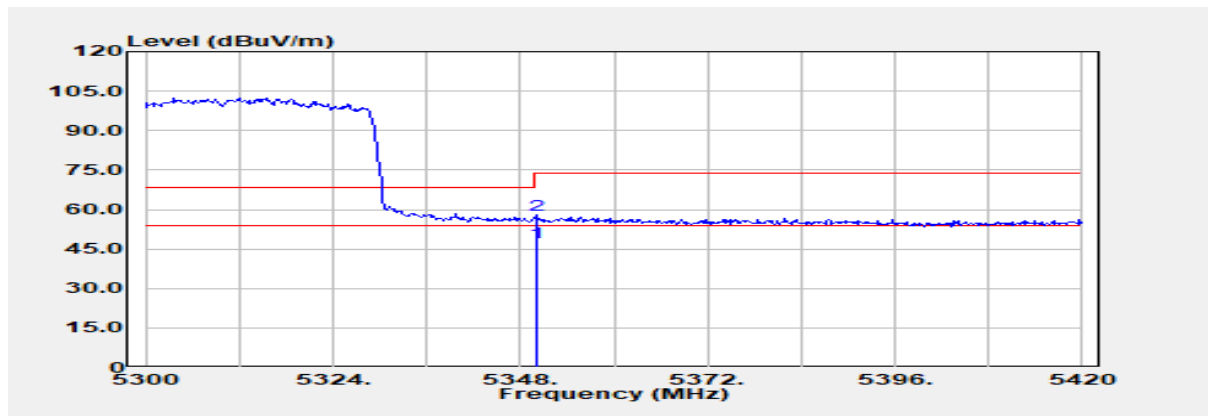
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Report Number :E2/2020/C0053
 Operation Mode :802.11ax40 / Band 2
 Test Frequency :5310 MHz
 Test Mode :BE CH HIGH FULL RU
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-02-08
 Temp./Humi. :21.2/55
 Antenna Pol. :Horizontal
 Engineer :Ashton Chiu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5350.000	Average	36.03	11.54	47.57	54.00	-6.43
5350.000	Peak	46.45	11.54	57.98	74.00	-16.02

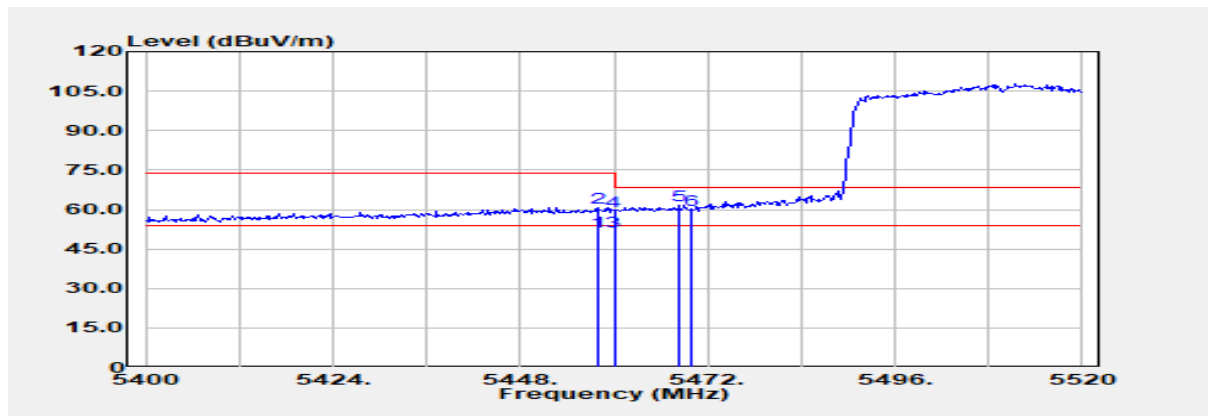
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Report Number :E2/2020/C0053
Operation Mode :802.11ax40 / Band 3
Test Frequency :5510 MHz
Test Mode :BE CH LOW FULL RU
EUT Pol :NB Plan

Test Site :966 Chamber C
Test Date :2021-02-08
Temp./Humi. :21.2/55
Antenna Pol. :Vertical
Engineer :Ashton Chiu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5457.885	Average	39.78	11.77	51.55	54.00	-2.45
5457.885	Peak	49.08	11.77	60.85	74.00	-13.15
5460.000	Average	40.17	11.66	51.83	54.00	-2.17
5460.000	Peak	47.73	11.66	59.39	74.00	-14.61
5468.461	Peak	49.95	11.72	61.67	68.20	-6.53
5470.000	Peak	47.98	11.73	59.72	68.20	-8.48

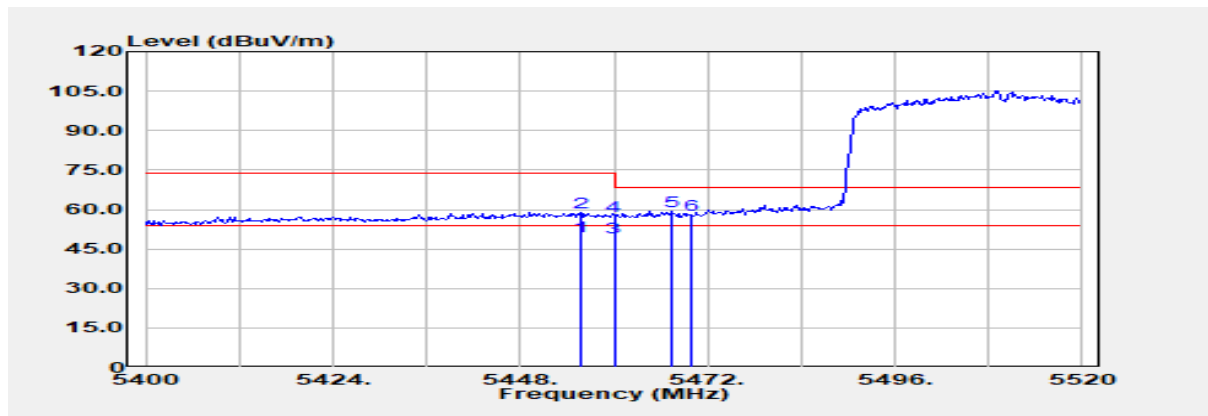
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Report Number :E2/2020/C0053
 Operation Mode :802.11ax40 / Band 3
 Test Frequency :5510 MHz
 Test Mode :BE CH LOW FULL RU
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-02-08
 Temp./Humi. :21.2/55
 Antenna Pol. :Horizontal
 Engineer :Ashton Chiu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5455.769	Average	38.05	11.89	49.94	54.00	-4.06
5455.769	Peak	46.92	11.89	58.81	74.00	-15.19
5460.000	Average	37.52	11.66	49.18	54.00	-4.82
5460.000	Peak	45.67	11.66	57.34	74.00	-16.66
5467.308	Peak	47.82	11.71	59.53	68.20	-8.67
5470.000	Peak	46.44	11.73	58.17	68.20	-10.03

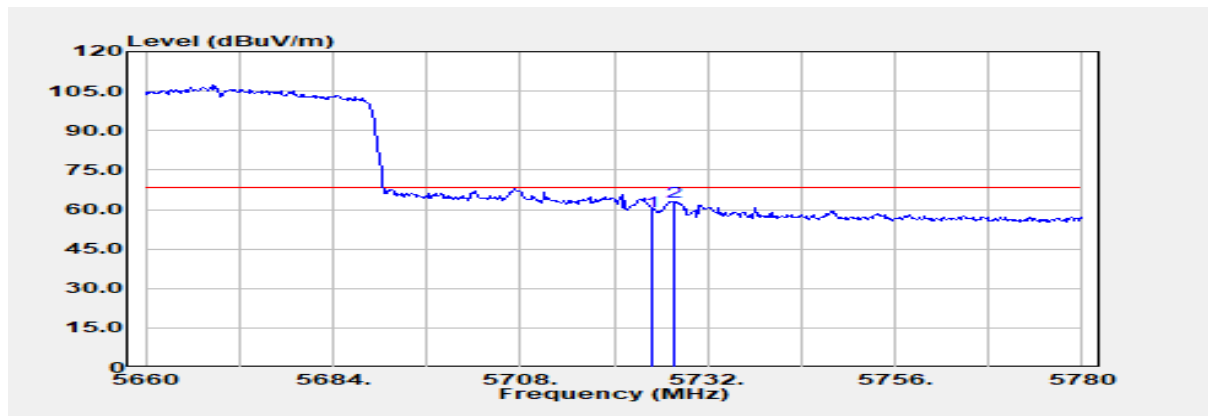
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Report Number :E2/2020/C0053
 Operation Mode :802.11ax40 / Band 3
 Test Frequency :5670 MHz
 Test Mode :BE CH HIGH FULL RU
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-02-08
 Temp./Humi. :21.2/55
 Antenna Pol. :Vertical
 Engineer :Ashton Chiu



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	48.81	10.62	59.43	68.20	-8.77
5727.692	Peak	52.62	10.55	63.16	68.20	-5.04

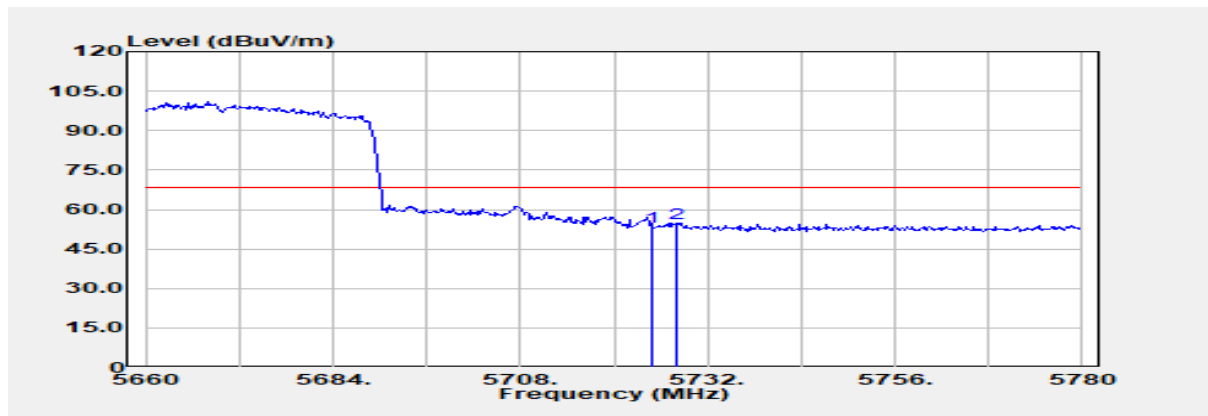
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Report Number :E2/2020/C0053
 Operation Mode :802.11ax40 / Band 3
 Test Frequency :5670 MHz
 Test Mode :BE CH HIGH FULL RU
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-02-08
 Temp./Humi. :21.2/55
 Antenna Pol. :Horizontal
 Engineer :Ashton Chiu



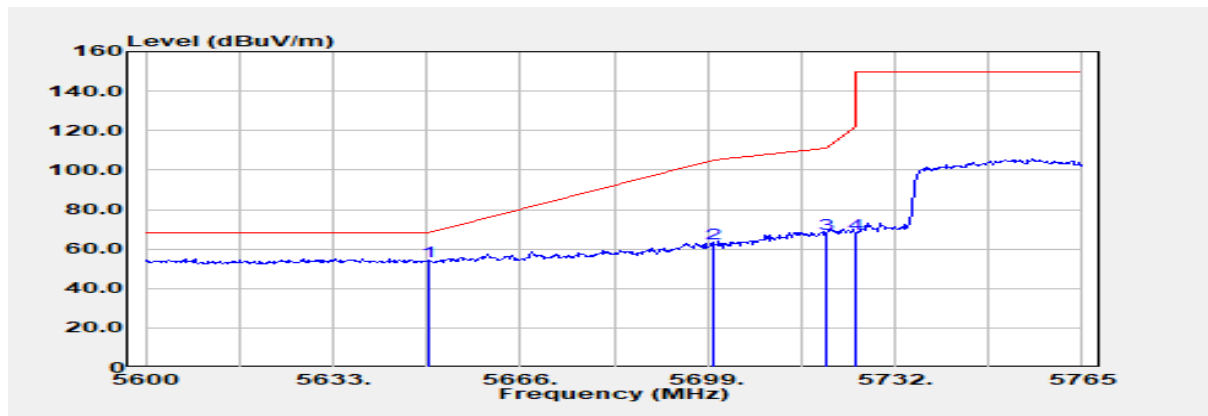
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	42.95	10.62	53.57	68.20	-14.63
5727.885	Peak	44.37	10.54	54.91	68.20	-13.29

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax40 / Band 4	Test Date	:2021-02-08
Test Frequency	:5755 MHz	Temp./Humi.	:21.2/55
Test Mode	:BE CH LOW FULL RU	Antenna Pol.	:Vertical
EUT Pol	:NB Plan	Engineer	:Ashton Chiu



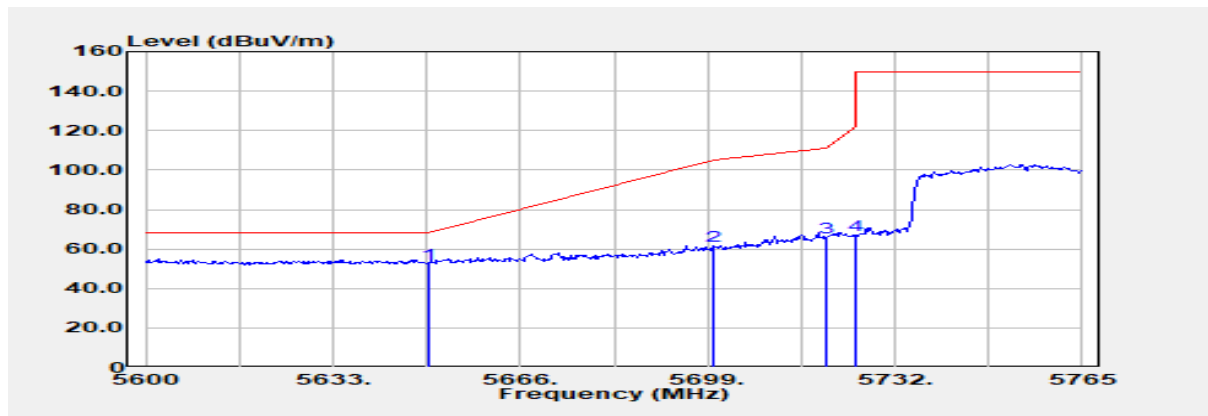
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.000	Peak	43.40	10.51	53.91	68.20	-14.29
5700.000	Peak	52.28	10.41	62.68	105.20	-42.52
5720.000	Peak	57.09	10.76	67.85	110.80	-42.95
5725.000	Peak	57.00	10.62	67.62	122.20	-54.58

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax40 / Band 4	Test Date	:2021-02-08
Test Frequency	:5755 MHz	Temp./Humi.	:21.2/55
Test Mode	:BE CH LOW FULL RU	Antenna Pol.	:Horizontal
EUT Pol	:NB Plan	Engineer	:Ashton Chiu



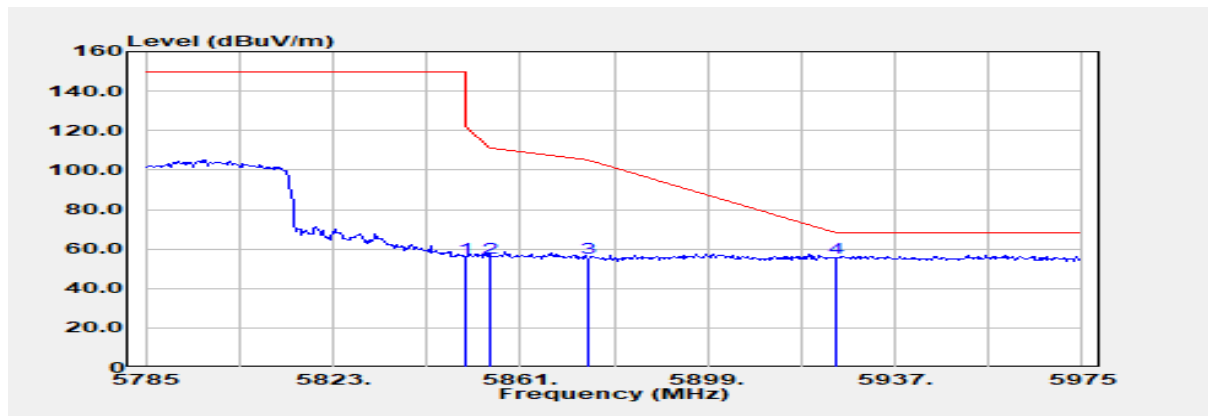
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.000	Peak	42.25	10.51	52.76	68.20	-15.44
5700.000	Peak	50.88	10.41	61.29	105.20	-43.91
5720.000	Peak	55.27	10.76	66.03	110.80	-44.77
5725.000	Peak	56.31	10.62	66.93	122.20	-55.27

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax40 / Band 4	Test Date	:2021-02-08
Test Frequency	:5795 MHz	Temp./Humi.	:21.2/55
Test Mode	:BE CH HIGH FULL RU	Antenna Pol.	:Vertical
EUT Pol	:NB Plan	Engineer	:Ashton Chiu



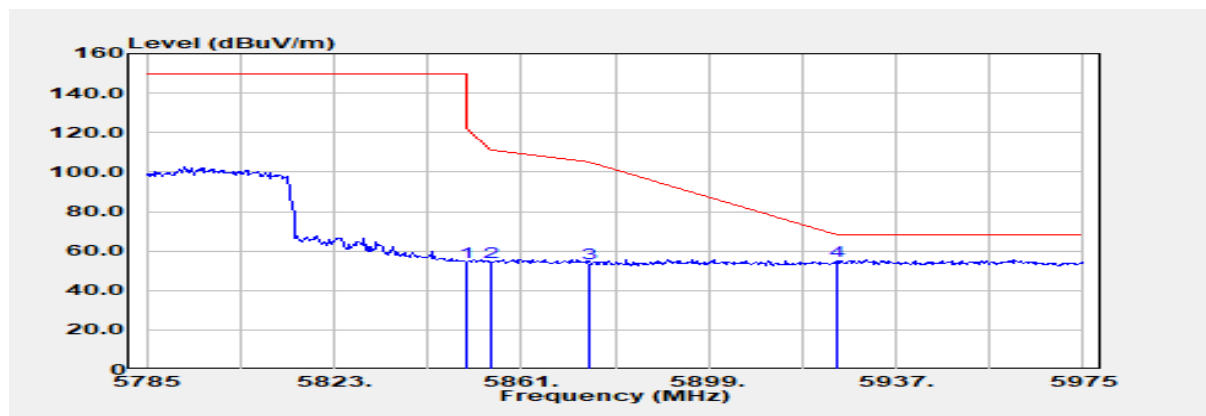
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	44.23	11.31	55.53	122.20	-66.67
5855.000	Peak	44.22	11.61	55.83	110.80	-54.97
5875.000	Peak	43.43	12.08	55.51	105.20	-49.69
5925.000	Peak	42.56	12.98	55.54	68.20	-12.66

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax40 / Band 4	Test Date	:2021-02-08
Test Frequency	:5795 MHz	Temp./Humi.	:21.2/55
Test Mode	:BE CH HIGH FULL RU	Antenna Pol.	:Horizontal
EUT Pol	:NB Plan	Engineer	:Ashton Chiu



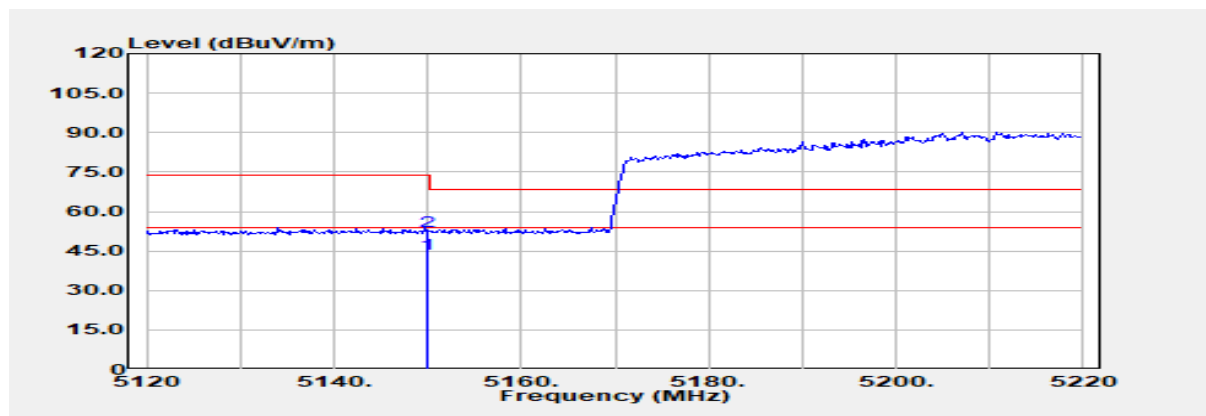
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	43.31	11.31	54.62	122.20	-67.58
5855.000	Peak	42.96	11.61	54.57	110.80	-56.23
5875.000	Peak	41.85	12.08	53.93	105.20	-51.27
5925.000	Peak	42.17	12.98	55.16	68.20	-13.04

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax80 / Band 1	Test Date	:2021-02-08
Test Frequency	:5210 MHz	Temp./Humi.	:21.2/55
Test Mode	:BE CH LOW FULL RU	Antenna Pol.	:Vertical
EUT Pol	:NB Plan	Engineer	:Ashton Chiu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5150.000	Average	33.25	10.50	43.75	54.00	-10.25
5150.000	Peak	42.16	10.50	52.66	74.00	-21.34

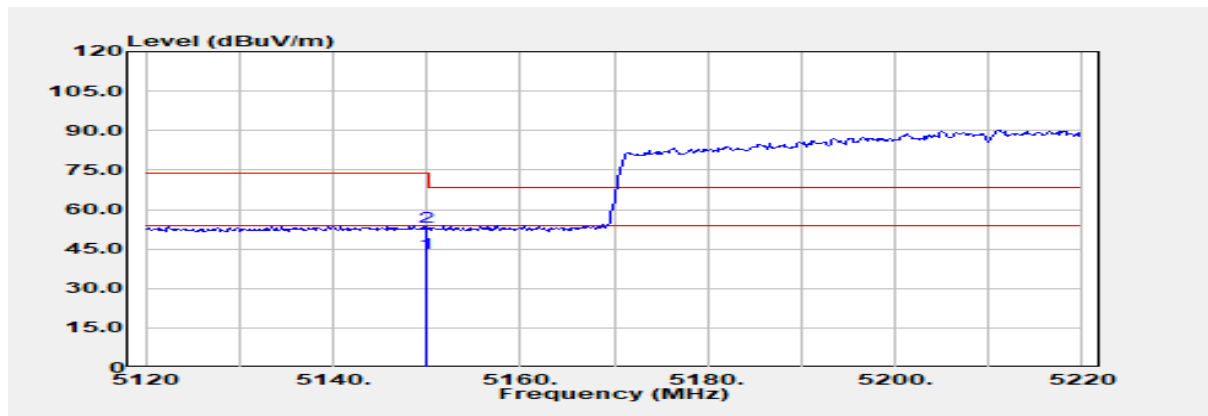
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Report Number :E2/2020/C0053
 Operation Mode :802.11ax80 / Band 1
 Test Frequency :5210 MHz
 Test Mode :BE CH LOW FULL RU
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-02-08
 Temp./Humi. :21.2/55
 Antenna Pol. :Horizontal
 Engineer :Ashton Chiu



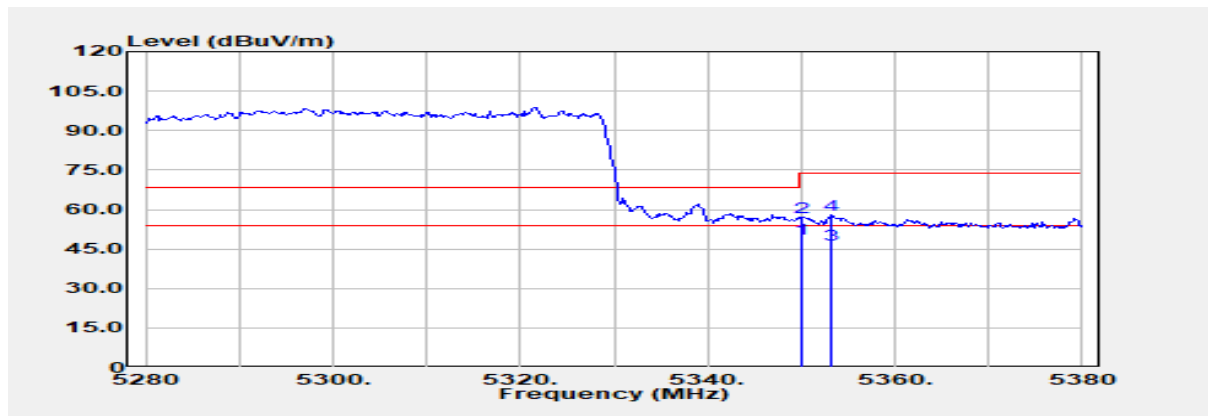
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5150.000	Average	33.06	10.50	43.56	54.00	-10.44
5150.000	Peak	42.73	10.50	53.23	74.00	-20.77

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax80 / Band 2	Test Date	:2021-02-08
Test Frequency	:5290 MHz	Temp./Humi.	:21.2/55
Test Mode	:BE CH HIGH FULL RU	Antenna Pol.	:Vertical
EUT Pol	:NB Plan	Engineer	:Ashton Chiu



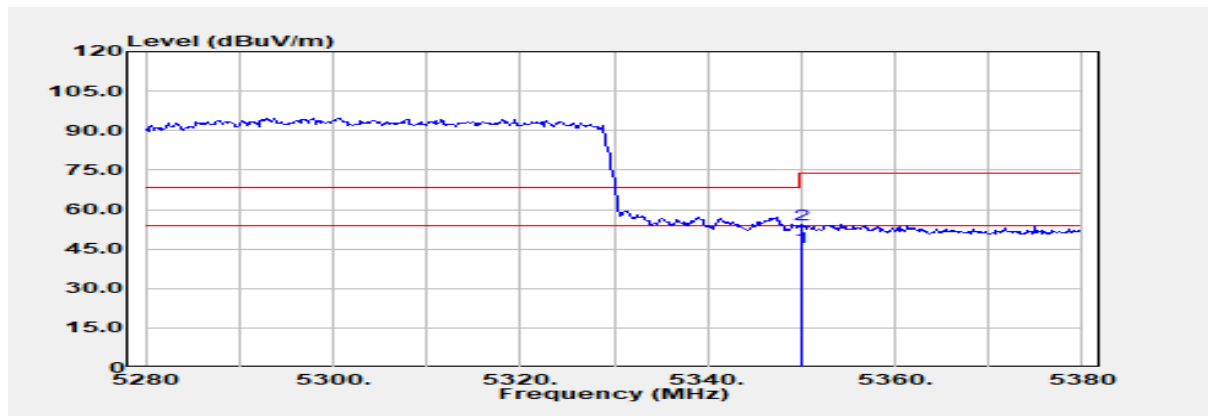
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	37.26	11.54	48.80	54.00	-5.20
5350.000	Peak	45.73	11.54	57.26	74.00	-16.74
5353.237	Average	35.26	11.57	46.83	54.00	-7.17
5353.237	Peak	46.25	11.57	57.82	74.00	-16.18

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax80 / Band 2	Test Date	:2021-02-08
Test Frequency	:5290 MHz	Temp./Humi.	:21.2/55
Test Mode	:BE CH HIGH FULL RU	Antenna Pol.	:Horizontal
EUT Pol	:NB Plan	Engineer	:Ashton Chiu



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	34.29	11.54	45.83	54.00	-8.17
5350.000	Peak	42.62	11.54	54.16	74.00	-19.84

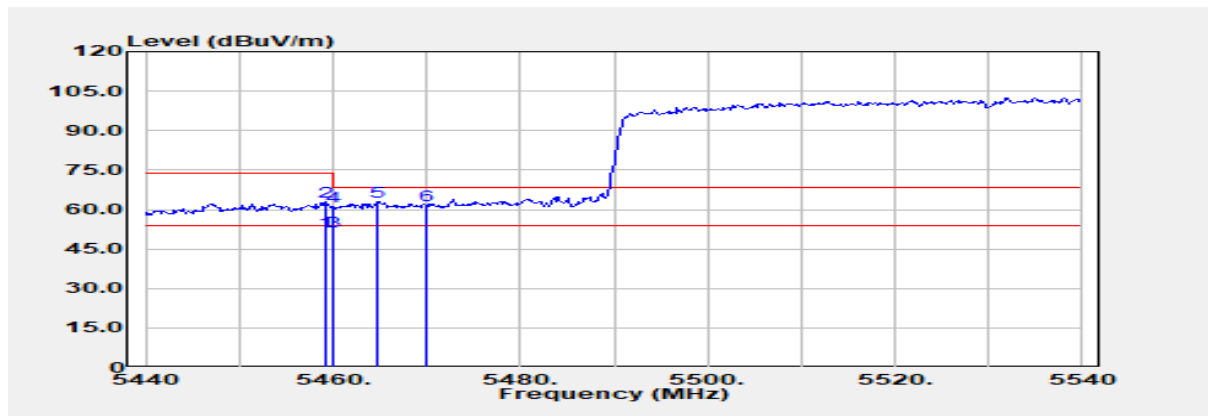
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Report Number :E2/2020/C0053
Operation Mode :802.11ax80 / Band 3
Test Frequency :5530 MHz
Test Mode :BE CH LOW FULL RU
EUT Pol :NB Plan

Test Site :966 Chamber C
Test Date :2021-02-08
Temp./Humi. :21.2/55
Antenna Pol. :Vertical
Engineer :Ashton Chiu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5459.231	Average	39.99	11.70	51.69	54.00	-2.31
5459.231	Peak	51.15	11.70	62.85	74.00	-11.15
5460.000	Average	40.14	11.66	51.80	54.00	-2.20
5460.000	Peak	49.60	11.66	61.26	74.00	-12.74
5464.840	Peak	51.34	11.70	63.04	68.20	-5.16
5470.000	Peak	49.78	11.73	61.51	68.20	-6.69

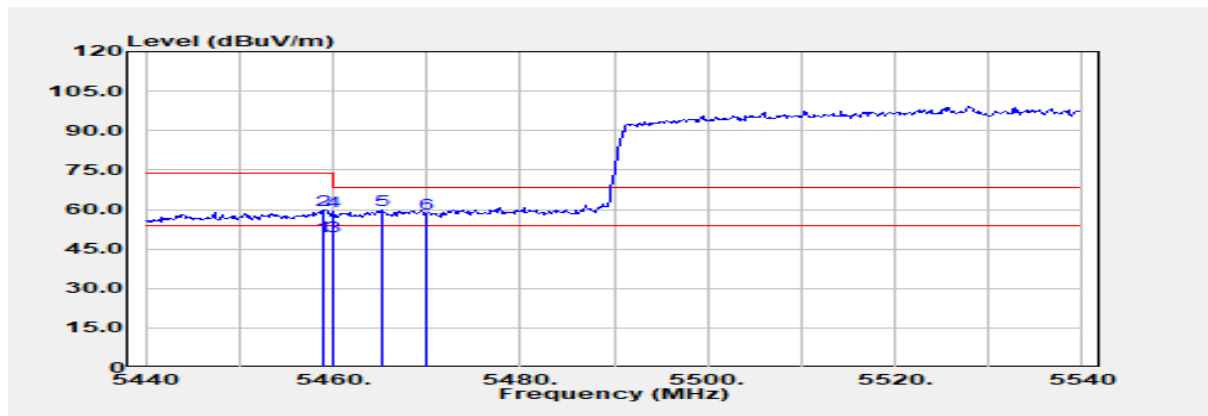
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Report Number :E2/2020/C0053
 Operation Mode :802.11ax80 / Band 3
 Test Frequency :5530 MHz
 Test Mode :BE CH LOW FULL RU
 EUT Pol :NB Plan

Test Site :966 Chamber C
 Test Date :2021-02-08
 Temp./Humi. :21.2/55
 Antenna Pol. :Horizontal
 Engineer :Ashton Chiu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5458.910	Average	37.95	11.72	49.67	54.00	-4.33
5458.910	Peak	48.11	11.72	59.83	74.00	-14.17
5460.000	Average	38.21	11.66	49.87	54.00	-4.13
5460.000	Peak	47.43	11.66	59.10	74.00	-14.90
5465.160	Peak	47.92	11.70	59.61	68.20	-8.59
5470.000	Peak	46.79	11.73	58.53	68.20	-9.67

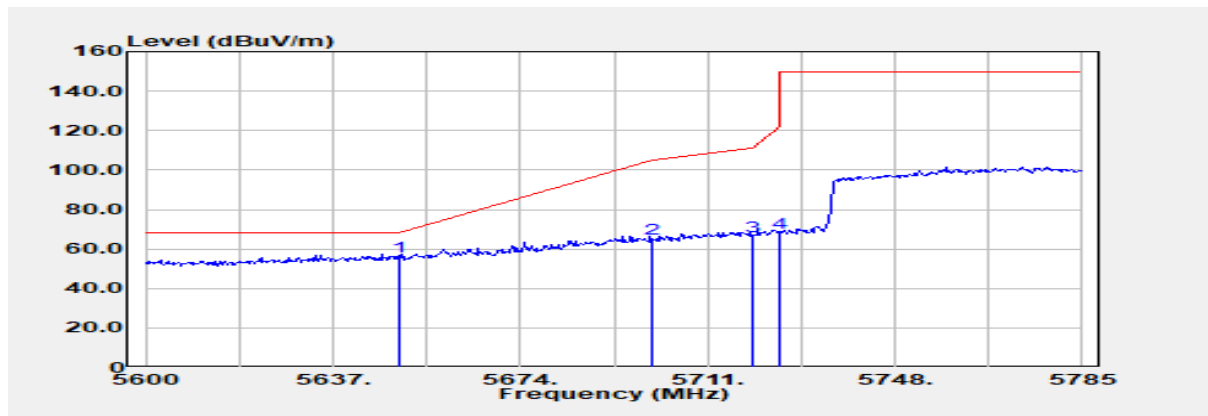
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Report Number :E2/2020/C0053
Operation Mode :802.11ax80 / Band 4
Test Frequency :5775 MHz
Test Mode :BE CH LOW FULL RU
EUT Pol :NB Plan

Test Site :966 Chamber C
Test Date :2021-02-08
Temp./Humi. :21.2/55
Antenna Pol. :Vertical
Engineer :Ashton Chiu



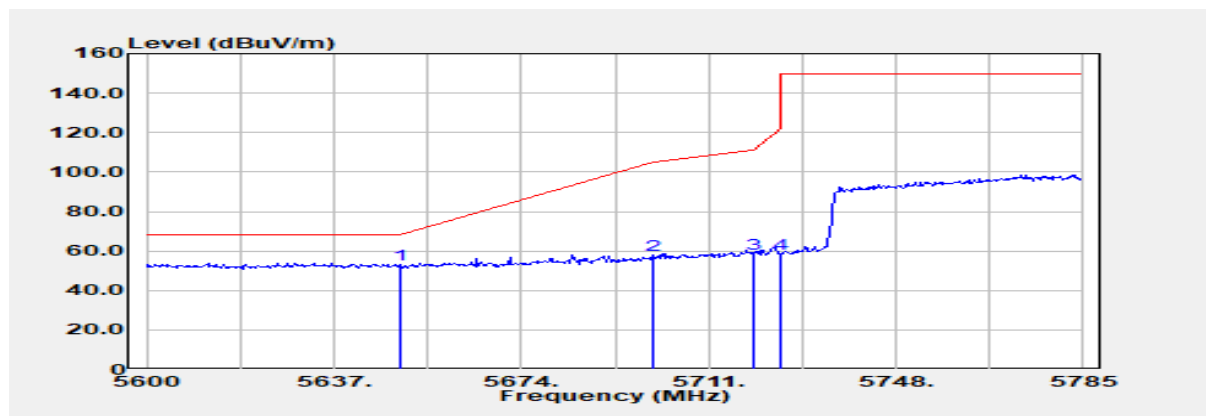
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.000	Peak	45.77	10.51	56.28	68.20	-11.92
5700.000	Peak	54.67	10.41	65.07	105.20	-40.13
5720.000	Peak	55.35	10.76	66.11	110.80	-44.69
5725.000	Peak	57.83	10.62	68.46	122.20	-53.74

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax80 / Band 4	Test Date	:2021-02-08
Test Frequency	:5775 MHz	Temp./Humi.	:21.2/55
Test Mode	:BE CH LOW FULL RU	Antenna Pol.	:Horizontal
EUT Pol	:NB Plan	Engineer	:Ashton Chiu



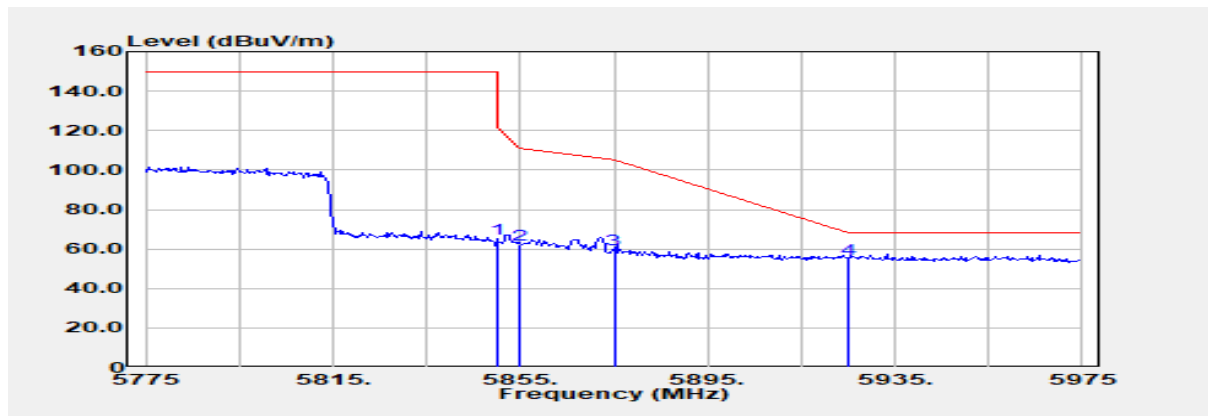
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.000	Peak	42.64	10.51	53.14	68.20	-15.06
5700.000	Peak	47.39	10.41	57.80	105.20	-47.40
5720.000	Peak	47.58	10.76	58.34	110.80	-52.46
5725.000	Peak	48.01	10.62	58.63	122.20	-63.57

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax80 / Band 4	Test Date	:2021-02-08
Test Frequency	:5775 MHz	Temp./Humi.	:21.2/55
Test Mode	:BE CH HIGH FULL RU	Antenna Pol.	:Vertical
EUT Pol	:NB Plan	Engineer	:Ashton Chiu



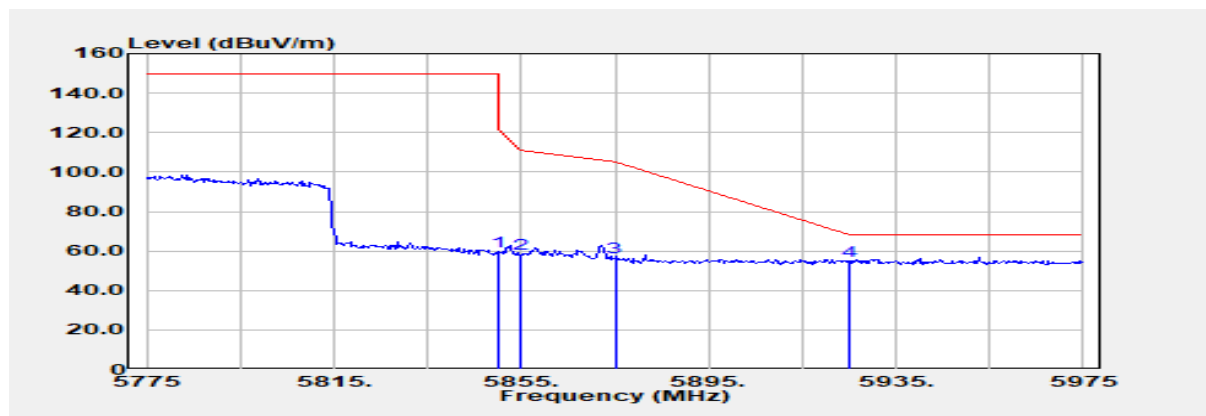
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	53.71	11.31	65.02	122.20	-57.18
5855.000	Peak	50.78	11.61	62.39	110.80	-48.41
5875.000	Peak	47.86	12.08	59.94	105.20	-45.26
5925.000	Peak	41.68	12.98	54.66	68.20	-13.54

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax80 / Band 4	Test Date	:2021-02-08
Test Frequency	:5775 MHz	Temp./Humi.	:21.2/55
Test Mode	:BE CH HIGH FULL RU	Antenna Pol.	:Horizontal
EUT Pol	:NB Plan	Engineer	:Ashton Chiu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5850.000	Peak	48.38	11.31	59.68	122.20	-62.52
5855.000	Peak	47.26	11.61	58.87	110.80	-51.93
5875.000	Peak	44.64	12.08	56.72	105.20	-48.48
5925.000	Peak	41.77	12.98	54.75	68.20	-13.45

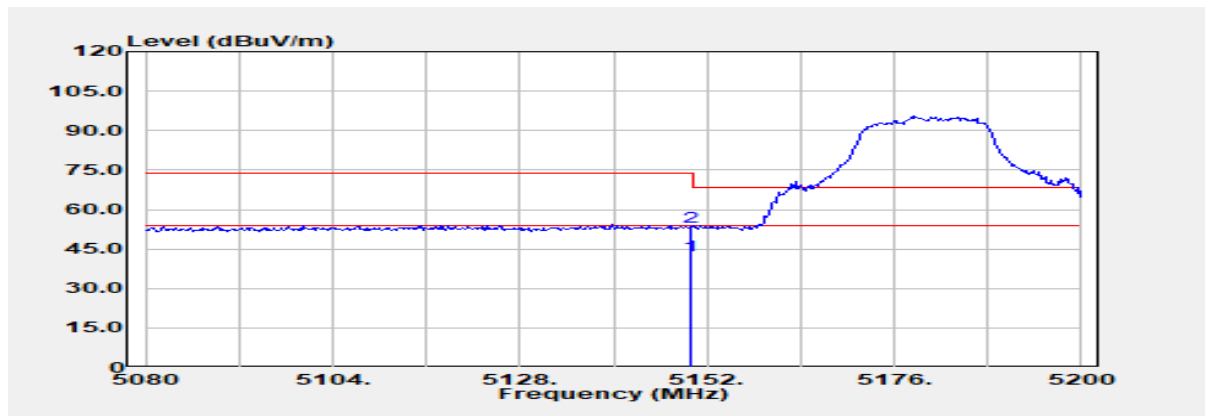
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Report Number :E2/2020/C0053
 Operation Mode :802.11a / Band 1
 Test Frequency :5180 MHz
 Test Mode :BE CH LOW
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-01-26
 Temp./Humi. :21.9/66
 Antenna Pol. :Vertical
 Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5150.000	Average	31.97	10.50	42.47	54.00	-11.53
5150.000	Peak	42.88	10.50	53.37	74.00	-20.63

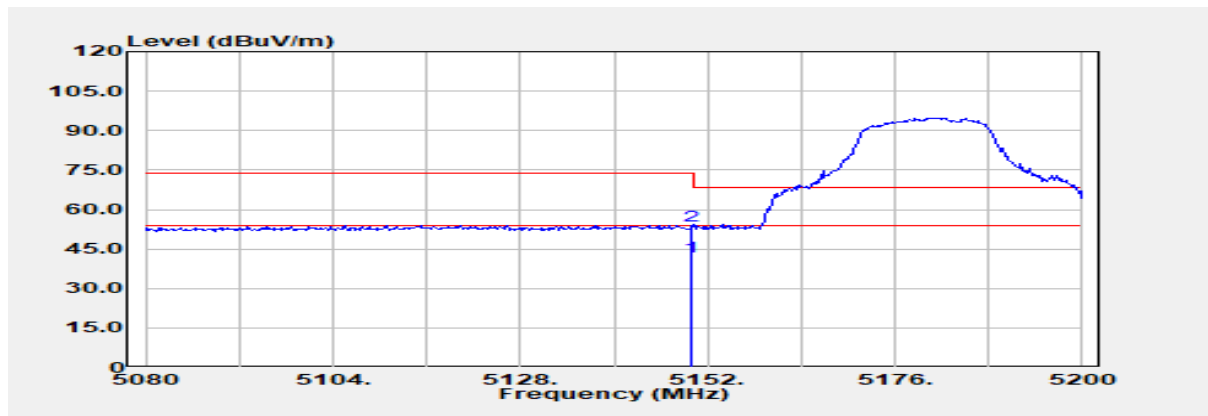
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Report Number :E2/2020/C0053
Operation Mode :802.11a / Band 1
Test Frequency :5180 MHz
Test Mode :BE CH LOW
EUT Pol :E2 Plan

Test Site :966 Chamber C
Test Date :2021-01-26
Temp./Humi. :21.9/66
Antenna Pol. :Horizontal
Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5150.000	Average	31.68	10.50	42.18	54.00	-11.82
5150.000	Peak	43.56	10.50	54.06	74.00	-19.94

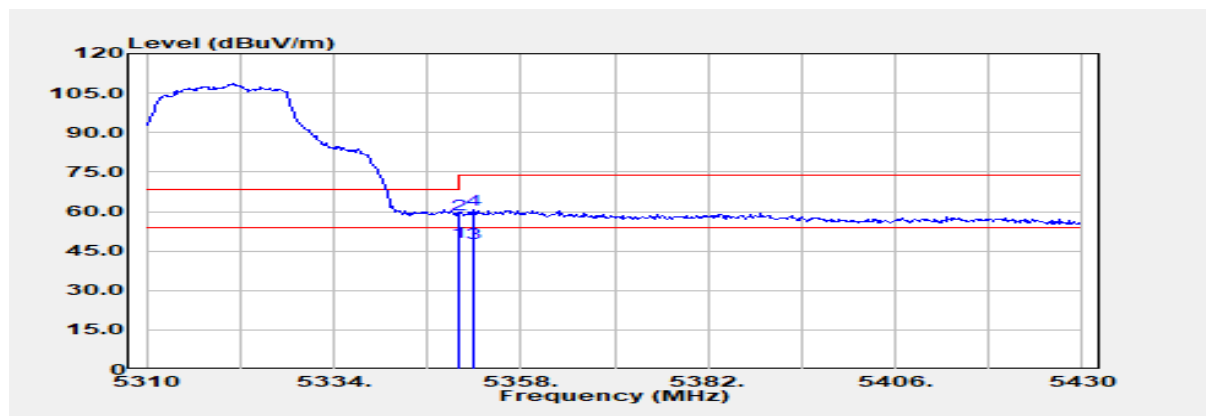
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Report Number :E2/2020/C0053
 Operation Mode :802.11a / Band 2
 Test Frequency :5320 MHz
 Test Mode :BE CH HIGH
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-02-09
 Temp./Humi. :23.1/51
 Antenna Pol. :Vertical
 Engineer :Enzo Chang



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	36.92	11.54	48.46	54.00	-5.54
5350.000	Peak	47.44	11.54	58.98	74.00	-15.02
5351.923	Average	36.39	11.56	47.95	54.00	-6.05
5351.923	Peak	49.21	11.56	60.77	74.00	-13.23

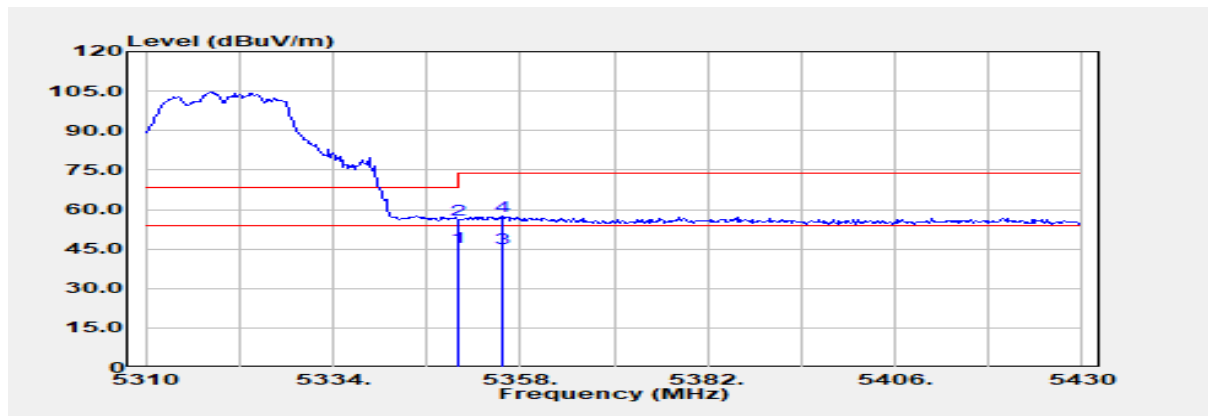
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Report Number :E2/2020/C0053
 Operation Mode :802.11a / Band 2
 Test Frequency :5320 MHz
 Test Mode :BE CH HIGH
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-02-09
 Temp./Humi. :23.1/51
 Antenna Pol. :Horizontal
 Engineer :Enzo Chang



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	34.15	11.54	45.69	54.00	-8.31
5350.000	Peak	44.60	11.54	56.14	74.00	-17.86
5355.577	Average	33.78	11.59	45.37	54.00	-8.63
5355.577	Peak	45.70	11.59	57.29	74.00	-16.71

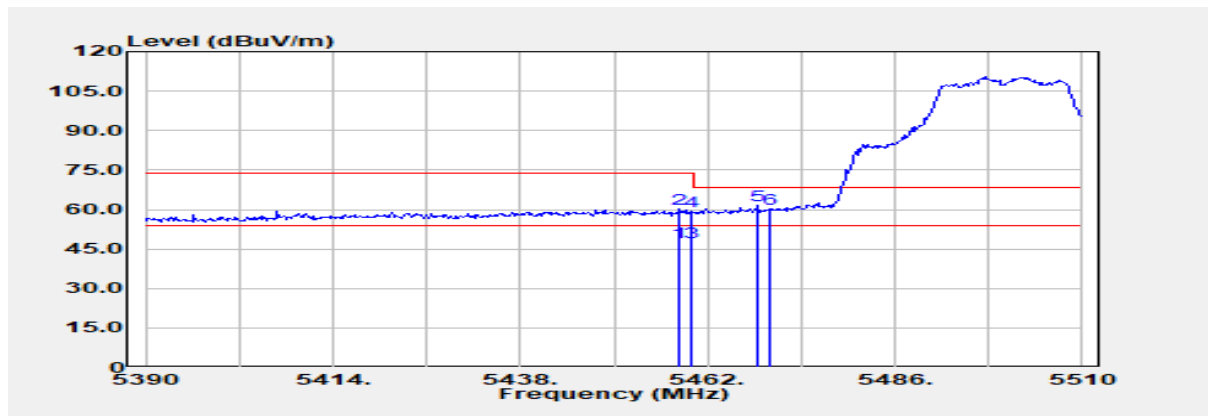
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Report Number :E2/2020/C0053
 Operation Mode :802.11a / Band 3
 Test Frequency :5500 MHz
 Test Mode :BE CH LOW
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-02-09
 Temp./Humi. :23.1/51
 Antenna Pol. :Vertical
 Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5458.461	Average	35.66	11.74	47.40	54.00	-6.60
5458.461	Peak	48.43	11.74	60.17	74.00	-13.83
5460.000	Average	35.96	11.66	47.62	54.00	-6.38
5460.000	Peak	47.46	11.66	59.12	74.00	-14.88
5468.461	Peak	49.93	11.72	61.65	68.20	-6.55
5470.000	Peak	48.30	11.73	60.03	68.20	-8.17

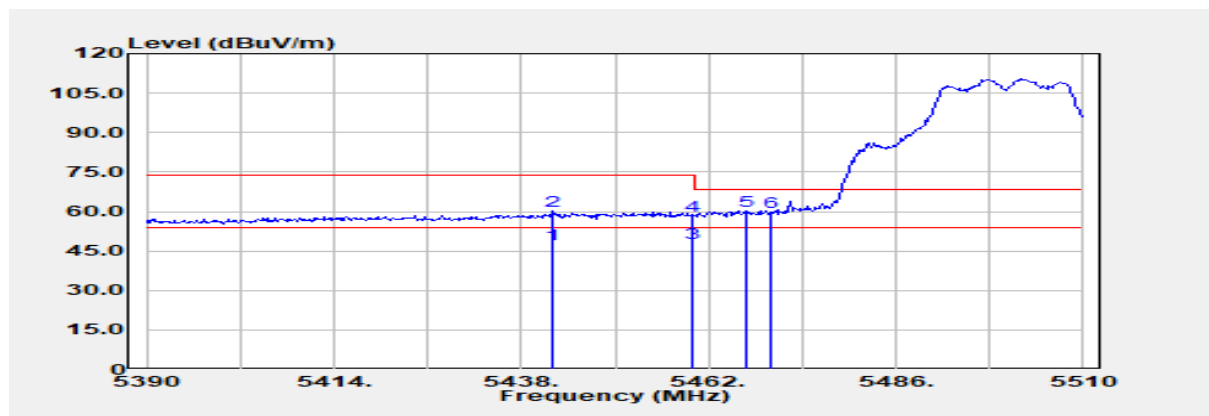
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Report Number :E2/2020/C0053
 Operation Mode :802.11a / Band 3
 Test Frequency :5500 MHz
 Test Mode :BE CH LOW
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-02-09
 Temp./Humi. :20.9/55
 Antenna Pol. :Horizontal
 Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5442.115	Average	35.76	12.01	47.77	54.00	-6.23
5442.115	Peak	48.20	12.01	60.22	74.00	-13.78
5460.000	Average	36.17	11.66	47.83	54.00	-6.17
5460.000	Peak	46.92	11.66	58.59	74.00	-15.41
5466.731	Peak	48.74	11.71	60.45	68.20	-7.75
5470.000	Peak	48.19	11.73	59.93	68.20	-8.27

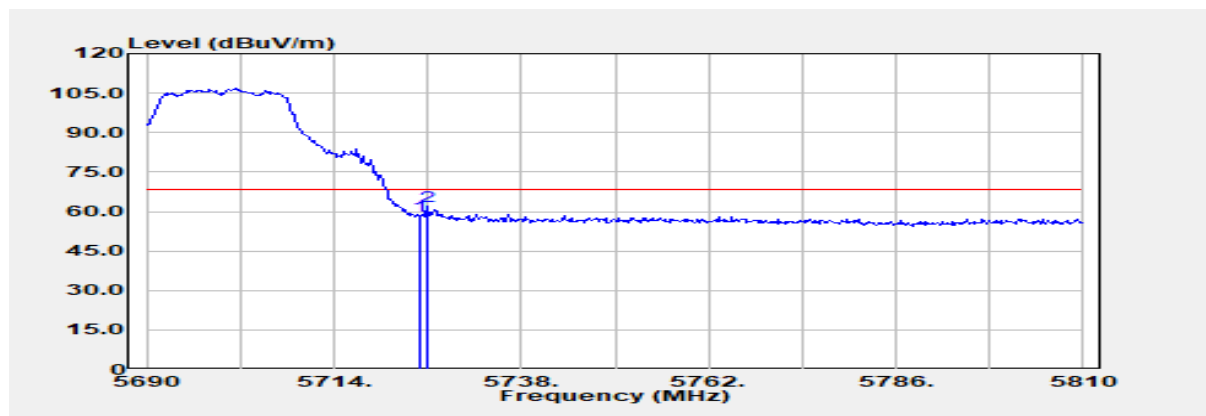
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Report Number :E2/2020/C0053
 Operation Mode :802.11a / Band 3
 Test Frequency :5700 MHz
 Test Mode :BE CH HIGH
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-02-09
 Temp./Humi. :20.9/55
 Antenna Pol. :Vertical
 Engineer :Enzo Chang



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	47.67	10.62	58.29	68.20	-9.91
5725.961	Peak	51.61	10.59	62.21	68.20	-5.99

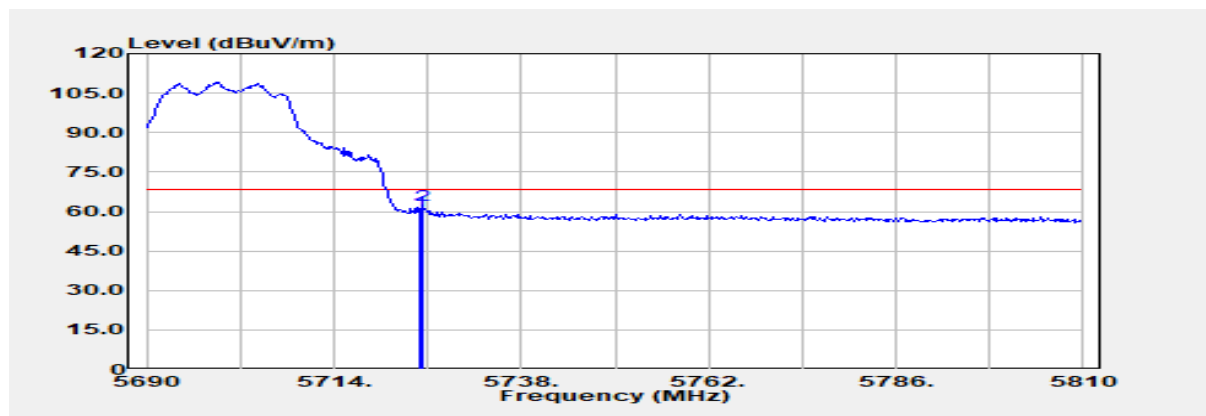
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Report Number :E2/2020/C0053
 Operation Mode :802.11a / Band 3
 Test Frequency :5700 MHz
 Test Mode :BE CH HIGH
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-02-09
 Temp./Humi. :20.9/55
 Antenna Pol. :Horizontal
 Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	49.48	10.62	60.10	68.20	-8.10
5725.192	Peak	51.68	10.62	62.30	68.20	-5.90

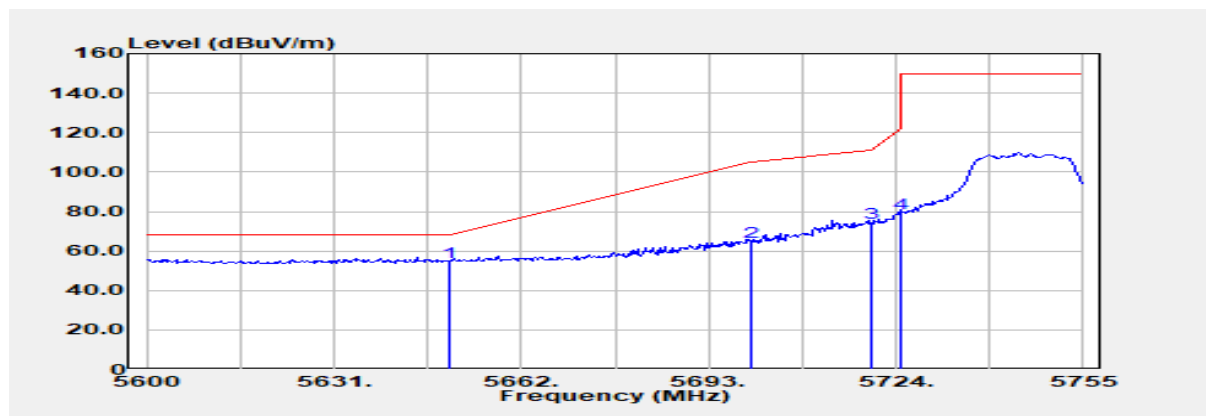
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Report Number :E2/2020/C0053
 Operation Mode :802.11a / Band 4
 Test Frequency :5745 MHz
 Test Mode :BE CH LOW
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-02-09
 Temp./Humi. :20.9/55
 Antenna Pol. :Vertical
 Engineer :Enzo Chang



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	44.05	10.51	54.55	68.20	-13.65
5700.000	Peak	53.97	10.41	64.37	105.20	-40.83
5720.000	Peak	63.42	10.76	74.18	110.80	-36.62
5725.000	Peak	68.59	10.62	79.21	122.20	-42.99

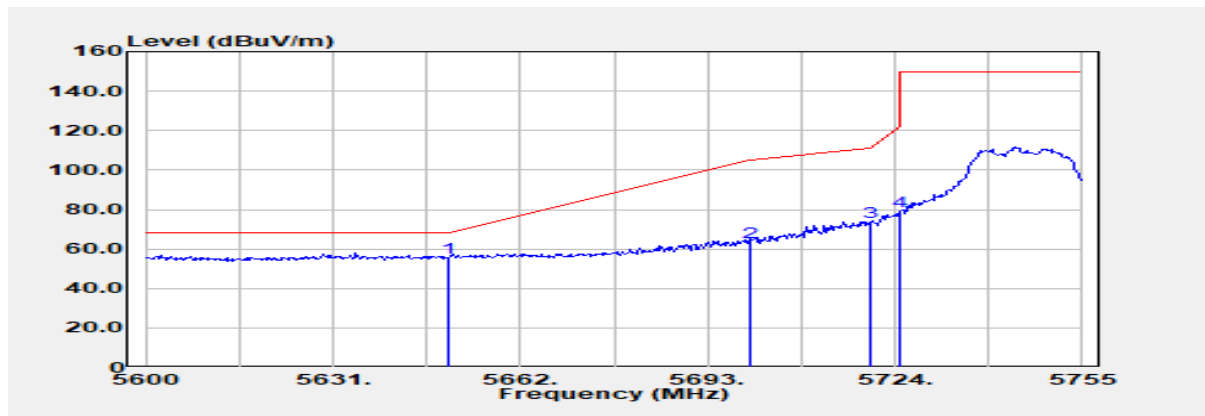
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Report Number :E2/2020/C0053
 Operation Mode :802.11a / Band 4
 Test Frequency :5745 MHz
 Test Mode :BE CH LOW
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-02-09
 Temp./Humi. :20.9/55
 Antenna Pol. :Horizontal
 Engineer :Enzo Chang



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	45.10	10.51	55.60	68.20	-12.60
5700.000	Peak	52.70	10.41	63.10	105.20	-42.10
5720.000	Peak	62.65	10.76	73.41	110.80	-37.39
5725.000	Peak	68.54	10.62	79.16	122.20	-43.04

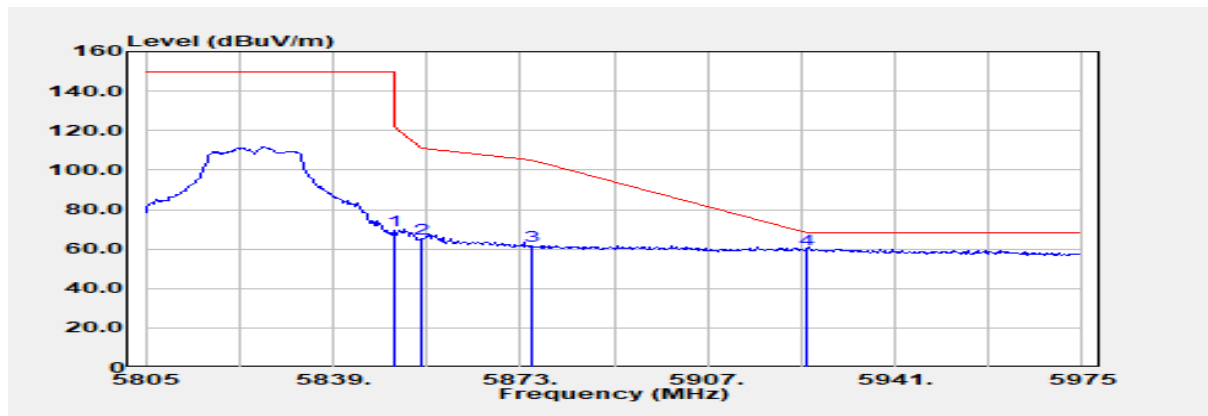
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Report Number :E2/2020/C0053
 Operation Mode :802.11a / Band 4
 Test Frequency :5825 MHz
 Test Mode :BE CH HIGH
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-02-09
 Temp./Humi. :20.9/55
 Antenna Pol. :Vertical
 Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5850.000	Peak	57.94	11.31	69.25	122.20	-52.95
5855.000	Peak	53.83	11.61	65.44	110.80	-45.36
5875.000	Peak	49.69	12.08	61.77	105.20	-43.43
5925.000	Peak	46.86	12.98	59.84	68.20	-8.36

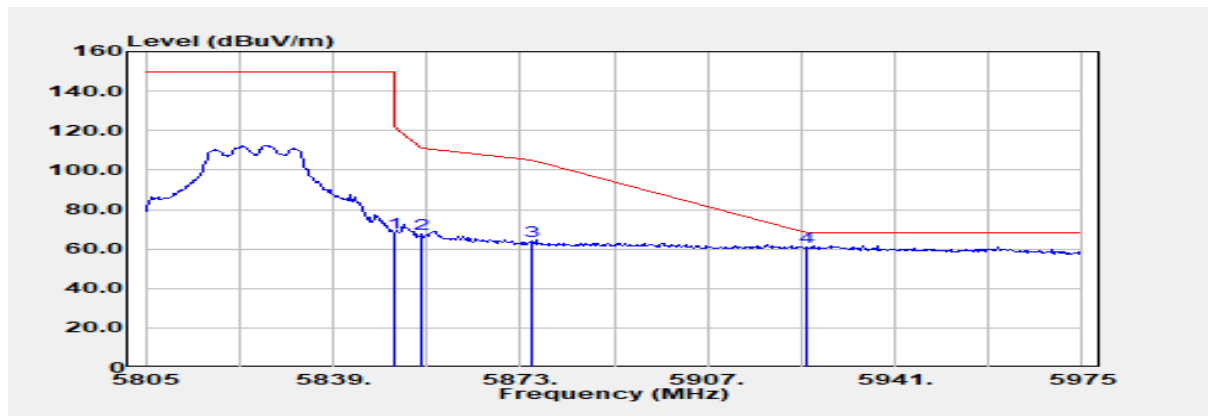
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Report Number :E2/2020/C0053
Operation Mode :802.11a / Band 4
Test Frequency :5825 MHz
Test Mode :BE CH HIGH
EUT Pol :E2 Plan

Test Site :966 Chamber C
Test Date :2021-02-09
Temp./Humi. :20.9/55
Antenna Pol. :Horizontal
Engineer :Enzo Chang



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	56.71	11.31	68.02	122.20	-54.18
5855.000	Peak	56.08	11.61	67.69	110.80	-43.11
5875.000	Peak	51.70	12.08	63.78	105.20	-41.42
5925.000	Peak	47.70	12.98	60.68	68.20	-7.52

Report Number :E2/2020/C0053

Test Site :966 Chamber C

Operation Mode :802.11n20 / Band 1

Test Date :2021-01-26

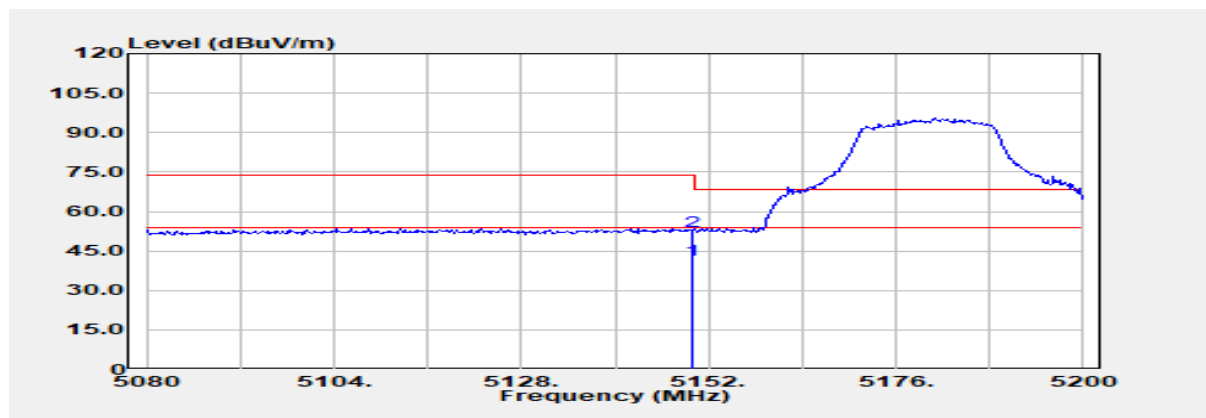
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Test Frequency :5180 MHz
 Test Mode :BE CH LOW
 EUT Pol :E2 Plan

Temp./Humi. :21.9/66
 Antenna Pol. :Vertical
 Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5150.000	Average	30.99	10.50	41.49	54.00	-12.51
5150.000	Peak	42.23	10.50	52.73	74.00	-21.27

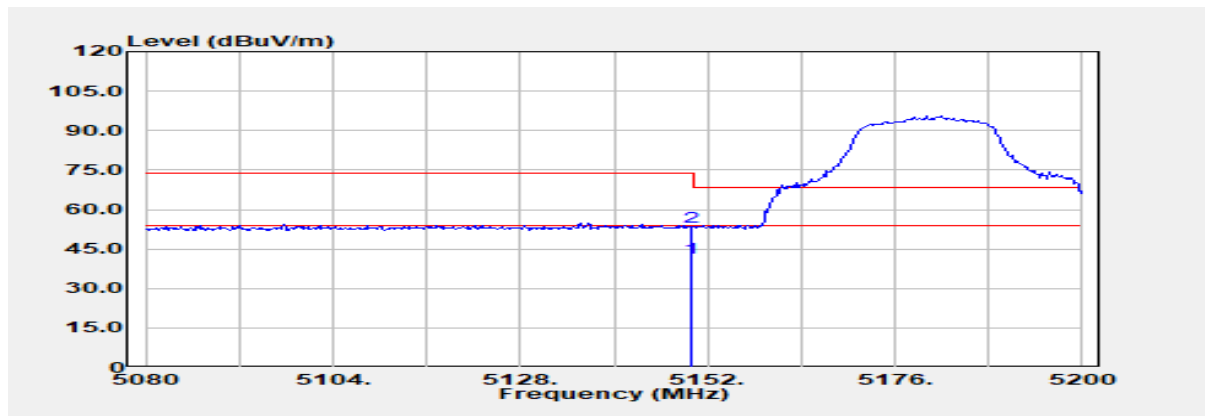
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Report Number :E2/2020/C0053
 Operation Mode :802.11n20 / Band 1
 Test Frequency :5180 MHz
 Test Mode :BE CH LOW
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-01-26
 Temp./Humi. :21.9/66
 Antenna Pol. :Horizontal
 Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5150.000	Average	31.09	10.50	41.59	54.00	-12.41
5150.000	Peak	42.75	10.50	53.25	74.00	-20.75

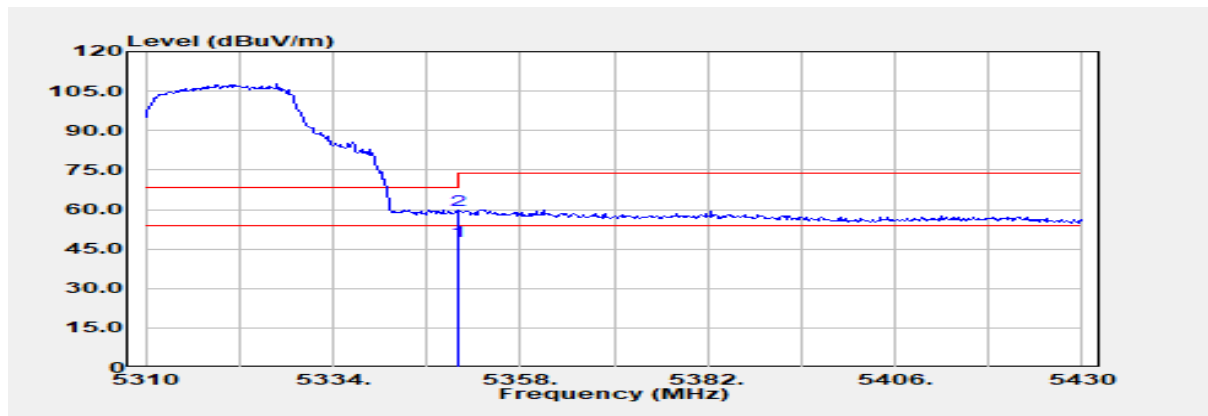
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Report Number :E2/2020/C0053
 Operation Mode :802.11n20 / Band 2
 Test Frequency :5320 MHz
 Test Mode :BE CH HIGH
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-01-26
 Temp./Humi. :21.9/66
 Antenna Pol. :Vertical
 Engineer :Enzo Chang



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	36.69	11.54	48.23	54.00	-5.77
5350.000	Peak	48.05	11.54	59.58	74.00	-14.42

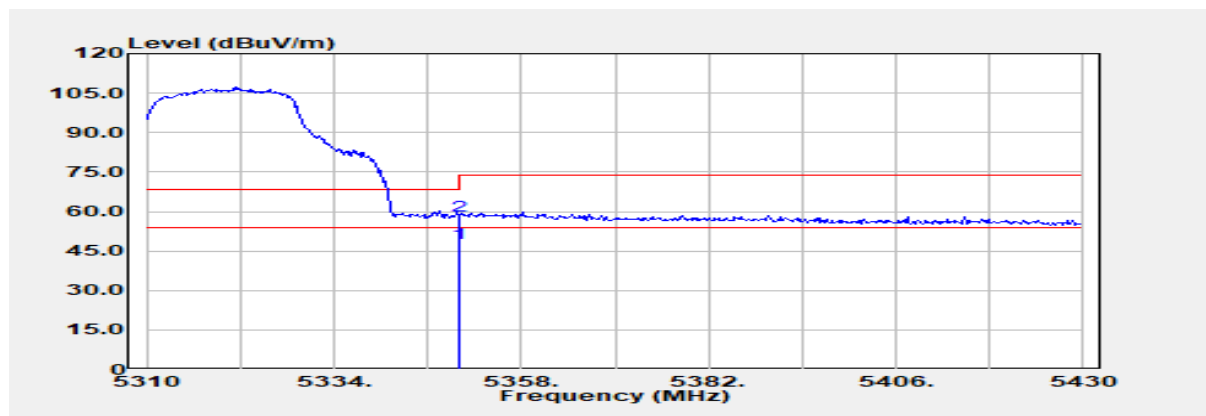
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Report Number :E2/2020/C0053
 Operation Mode :802.11n20 / Band 2
 Test Frequency :5320 MHz
 Test Mode :BE CH HIGH
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-01-26
 Temp./Humi. :21.9/66
 Antenna Pol. :Horizontal
 Engineer :Enzo Chang



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	36.51	11.54	48.05	54.00	-5.95
5350.000	Peak	46.75	11.54	58.28	74.00	-15.72

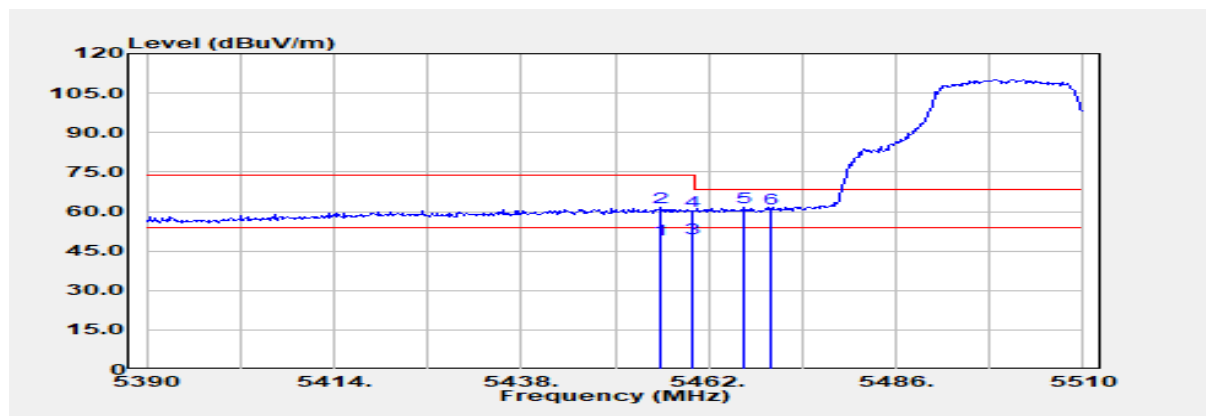
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Report Number :E2/2020/C0053
Operation Mode :802.11n20 / Band 3
Test Frequency :5500 MHz
Test Mode :BE CH LOW
EUT Pol :E2 Plan

Test Site :966 Chamber C
Test Date :2021-01-26
Temp./Humi. :21.9/66
Antenna Pol. :Vertical
Engineer :Enzo Chang



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
5455.961	Average	37.64	11.88	49.52	54.00	-4.48
5455.961	Peak	49.54	11.88	61.42	74.00	-12.58
5460.000	Average	38.08	11.66	49.74	54.00	-4.26
5460.000	Peak	48.61	11.66	60.28	74.00	-13.72
5466.539	Peak	49.86	11.71	61.57	68.20	-6.63
5470.000	Peak	49.19	11.73	60.93	68.20	-7.27

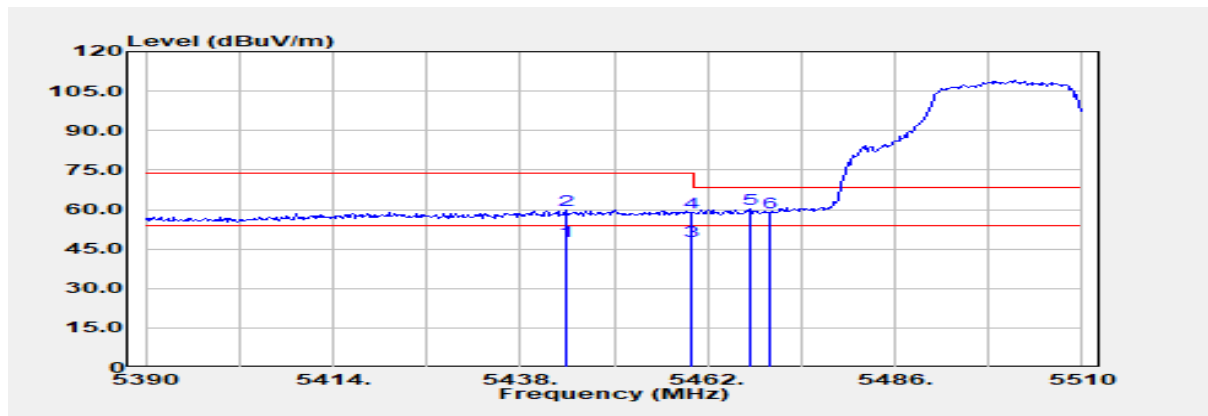
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Report Number :E2/2020/C0053
 Operation Mode :802.11n20 / Band 3
 Test Frequency :5500 MHz
 Test Mode :BE CH LOW
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-01-26
 Temp./Humi. :21.9/66
 Antenna Pol. :Horizontal
 Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5443.846	Average	35.73	12.05	47.78	54.00	-6.22
5443.846	Peak	47.72	12.05	59.77	74.00	-14.23
5460.000	Average	36.32	11.66	47.98	54.00	-6.02
5460.000	Peak	47.14	11.66	58.81	74.00	-15.19
5467.500	Peak	48.40	11.72	60.11	68.20	-8.09
5470.000	Peak	47.03	11.73	58.76	68.20	-9.44

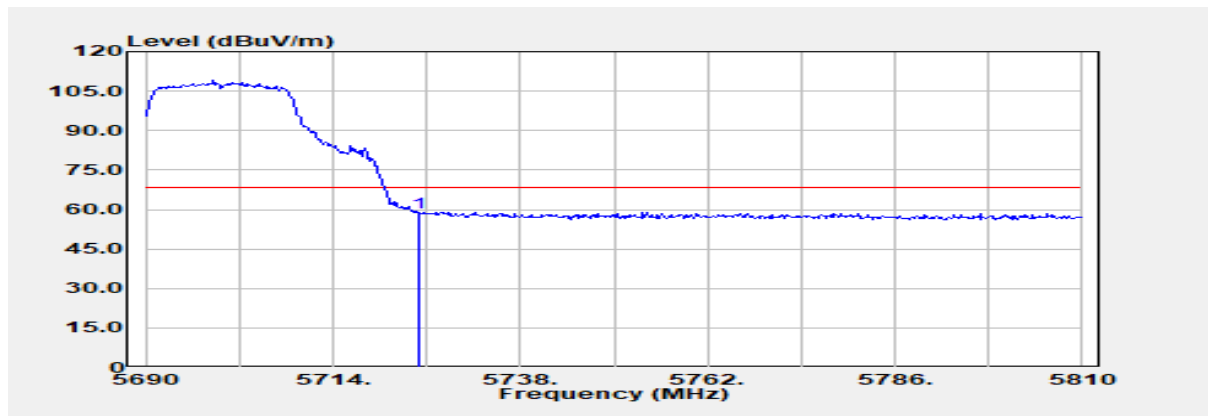
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Report Number :E2/2020/C0053
 Operation Mode :802.11n20 / Band 3
 Test Frequency :5700 MHz
 Test Mode :BE CH HIGH
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-01-26
 Temp./Humi. :21.9/66
 Antenna Pol. :Vertical
 Engineer :Enzo Chang



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	48.06	10.62	58.68	68.20	-9.52

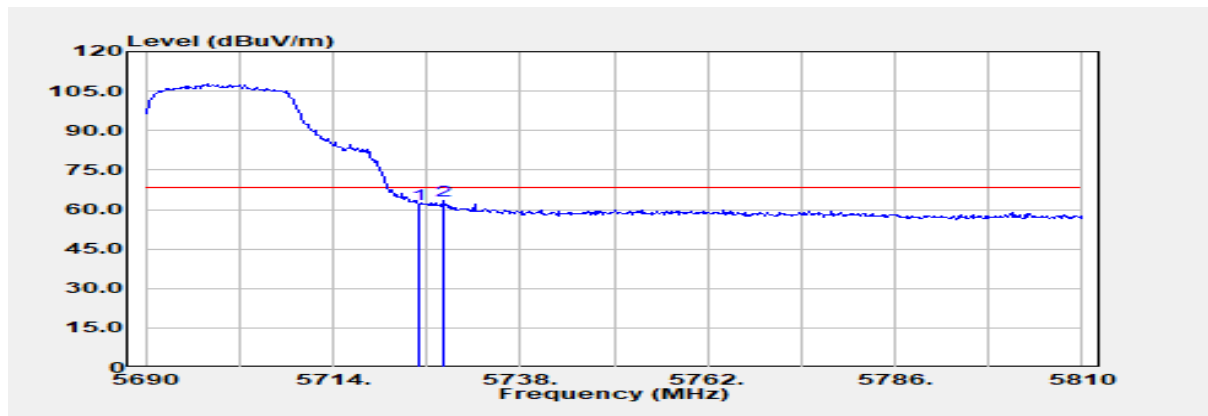
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Report Number :E2/2020/C0053
 Operation Mode :802.11n20 / Band 3
 Test Frequency :5700 MHz
 Test Mode :BE CH HIGH
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-01-26
 Temp./Humi. :21.9/66
 Antenna Pol. :Horizontal
 Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5725.000	Peak	51.61	10.62	62.23	68.20	-5.97
5728.269	Peak	52.65	10.53	63.18	68.20	-5.02

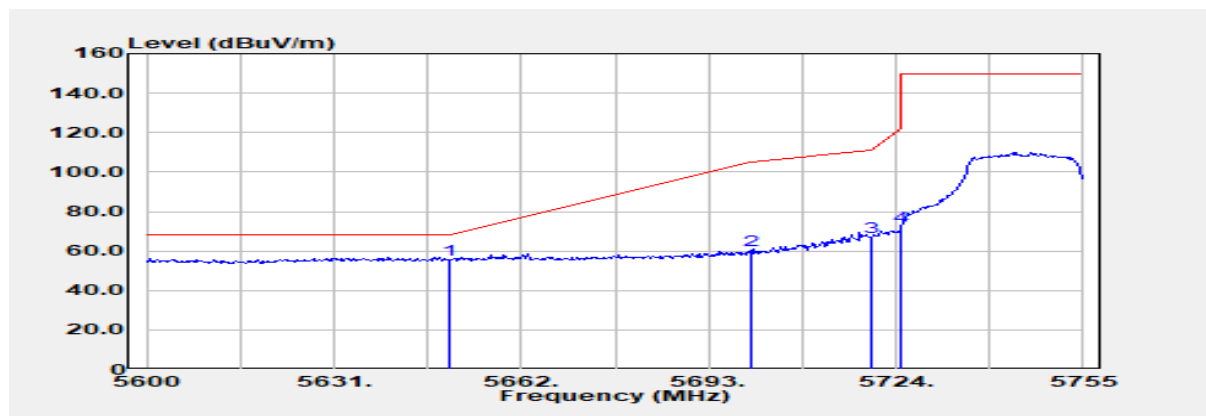
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Report Number :E2/2020/C0053
 Operation Mode :802.11n20 / Band 4
 Test Frequency :5745 MHz
 Test Mode :BE CH LOW
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-01-26
 Temp./Humi. :21.9/66
 Antenna Pol. :Vertical
 Engineer :Enzo Chang



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	45.07	10.51	55.58	68.20	-12.62
5700.000	Peak	49.84	10.41	60.25	105.20	-44.95
5720.000	Peak	56.42	10.76	67.18	110.80	-43.62
5725.000	Peak	61.58	10.62	72.20	122.20	-50.00

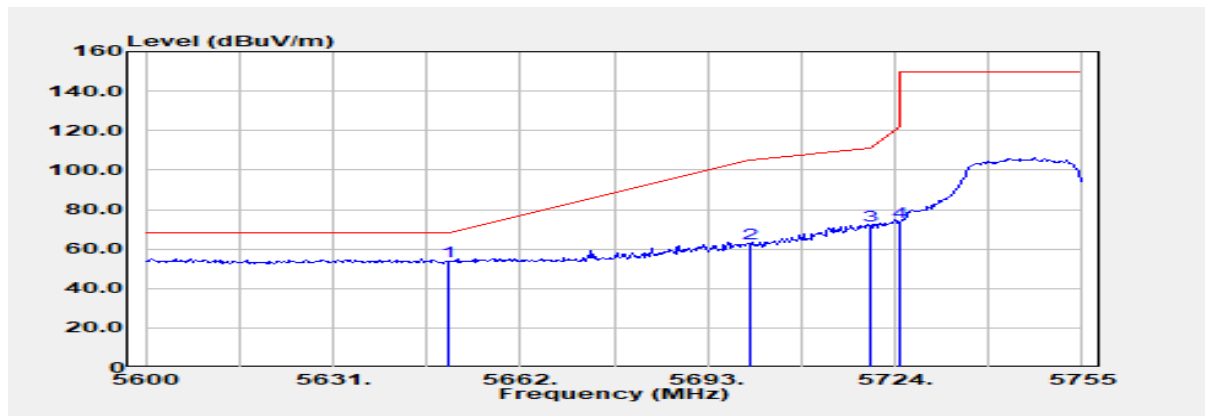
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Report Number :E2/2020/C0053
 Operation Mode :802.11n20 / Band 4
 Test Frequency :5745 MHz
 Test Mode :BE CH LOW
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-01-26
 Temp./Humi. :21.9/66
 Antenna Pol. :Horizontal
 Engineer :Enzo Chang



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	43.27	10.51	53.77	68.20	-14.43
5700.000	Peak	52.37	10.41	62.77	105.20	-42.43
5720.000	Peak	61.14	10.76	71.90	110.80	-38.90
5725.000	Peak	62.77	10.62	73.39	122.20	-48.81

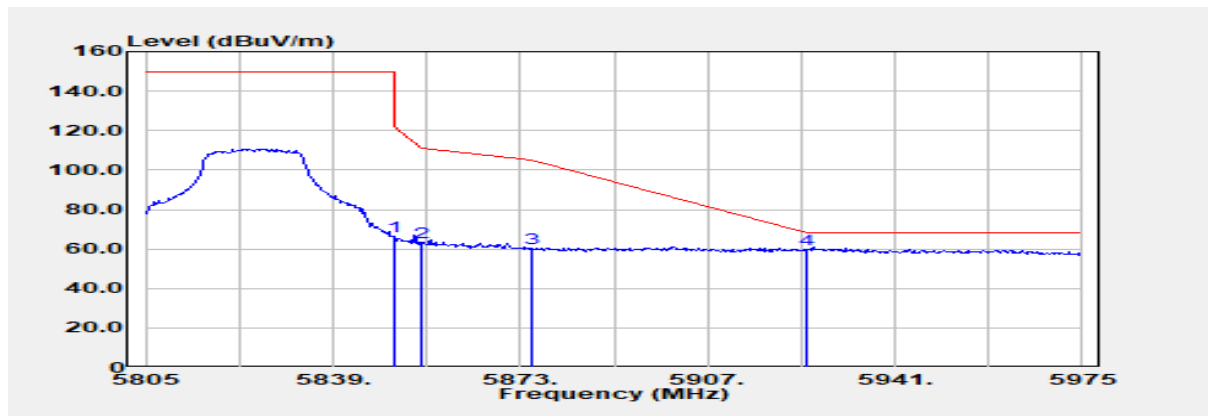
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Report Number :E2/2020/C0053
 Operation Mode :802.11n20 / Band 4
 Test Frequency :5825 MHz
 Test Mode :BE CH HIGH
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-02-09
 Temp./Humi. :21.3/65
 Antenna Pol. :Vertical
 Engineer :Enzo Chang



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	54.90	11.31	66.21	122.20	-55.99
5855.000	Peak	51.79	11.61	63.40	110.80	-47.40
5875.000	Peak	48.15	12.08	60.23	105.20	-44.97
5925.000	Peak	47.01	12.98	59.99	68.20	-8.21

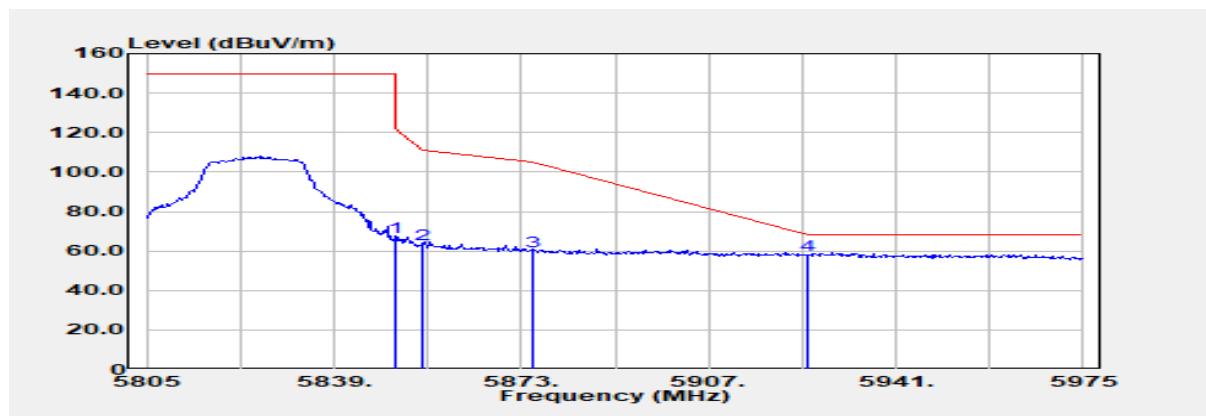
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Report Number :E2/2020/C0053
 Operation Mode :802.11n20 / Band 4
 Test Frequency :5825 MHz
 Test Mode :BE CH HIGH
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-02-09
 Temp./Humi. :21.3/65
 Antenna Pol. :Horizontal
 Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5850.000	Peak	55.97	11.31	67.28	122.20	-54.92
5855.000	Peak	51.61	11.61	63.22	110.80	-47.58
5875.000	Peak	47.81	12.08	59.89	105.20	-45.31
5925.000	Peak	45.10	12.98	58.08	68.20	-10.12

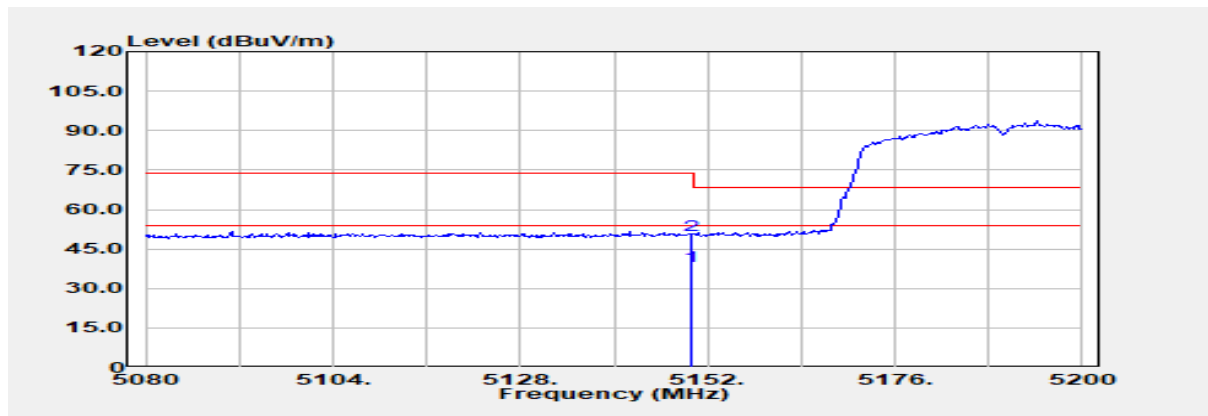
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Report Number :E2/2020/C0053
 Operation Mode :802.11n40 / Band 1
 Test Frequency :5190 MHz
 Test Mode :BE CH LOW
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-01-27
 Temp./Humi. :21.9/62
 Antenna Pol. :Vertical
 Engineer :Ashton Chiu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5150.000	Average	28.20	10.50	38.70	54.00	-15.30
5150.000	Peak	39.74	10.50	50.23	74.00	-23.77

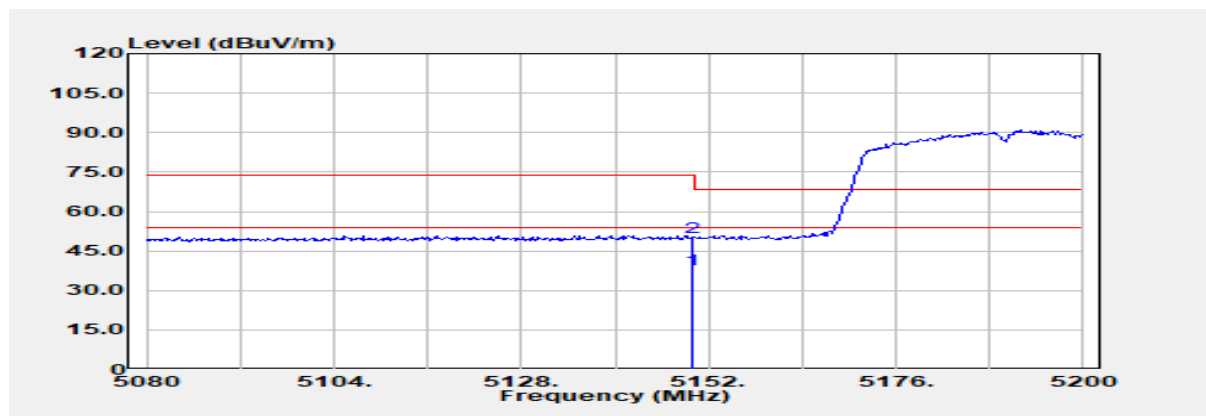
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Report Number :E2/2020/C0053
 Operation Mode :802.11n40 / Band 1
 Test Frequency :5190 MHz
 Test Mode :BE CH LOW
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-01-27
 Temp./Humi. :21.9/62
 Antenna Pol. :Horizontal
 Engineer :Ashton Chiu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5150.000	Average	27.68	10.50	38.18	54.00	-15.82
5150.000	Peak	39.73	10.50	50.23	74.00	-23.77

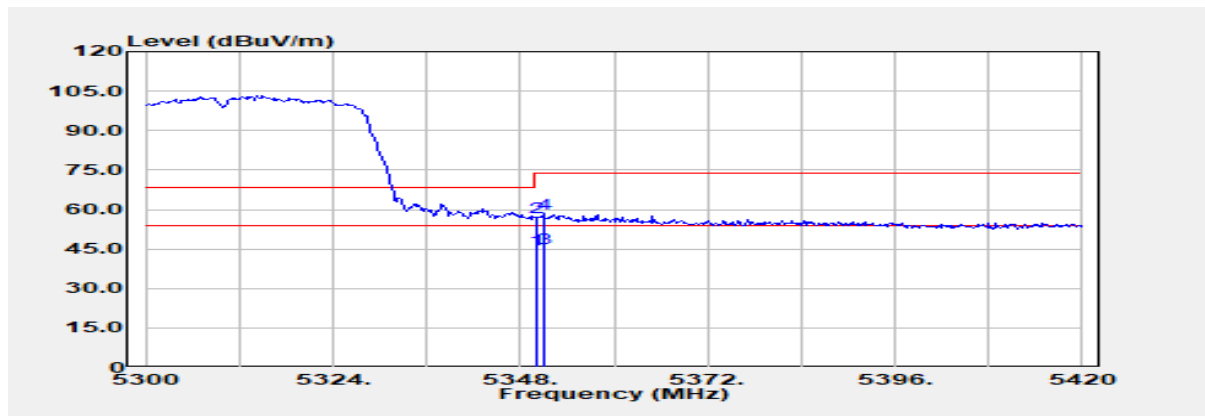
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Report Number :E2/2020/C0053
 Operation Mode :802.11n40 / Band 2
 Test Frequency :5310 MHz
 Test Mode :BE CH HIGH
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-01-27
 Temp./Humi. :21.9/62
 Antenna Pol. :Vertical
 Engineer :Ashton Chiu



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	33.52	11.54	45.06	54.00	-8.94
5350.000	Peak	45.36	11.54	56.90	74.00	-17.10
5350.961	Average	33.52	11.55	45.07	54.00	-8.93
5350.961	Peak	46.75	11.55	58.30	74.00	-15.70

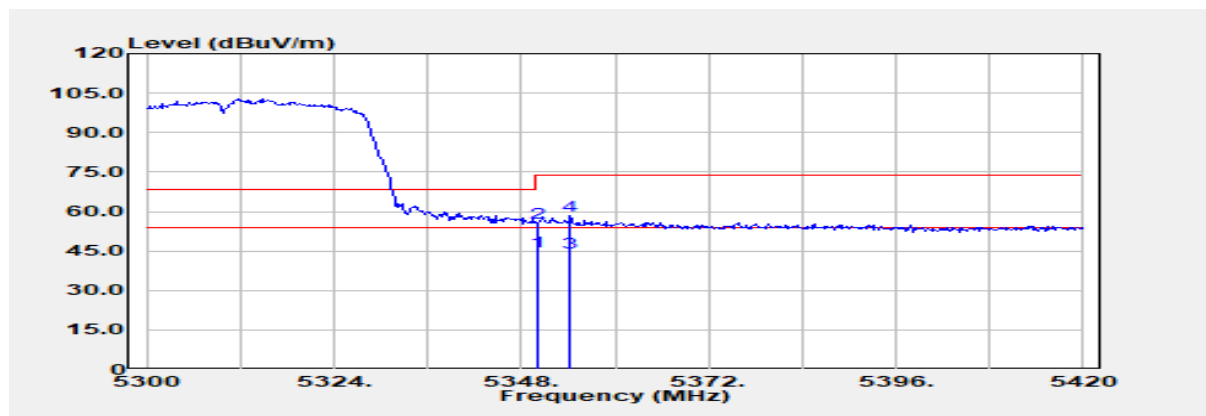
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Report Number :E2/2020/C0053
 Operation Mode :802.11n40 / Band 2
 Test Frequency :5310 MHz
 Test Mode :BE CH HIGH
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-01-27
 Temp./Humi. :21.9/62
 Antenna Pol. :Horizontal
 Engineer :Ashton Chiu



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	33.46	11.54	45.00	54.00	-9.00
5350.000	Peak	44.07	11.54	55.60	74.00	-18.40
5354.231	Average	32.81	11.58	44.39	54.00	-9.61
5354.231	Peak	46.72	11.58	58.30	74.00	-15.70

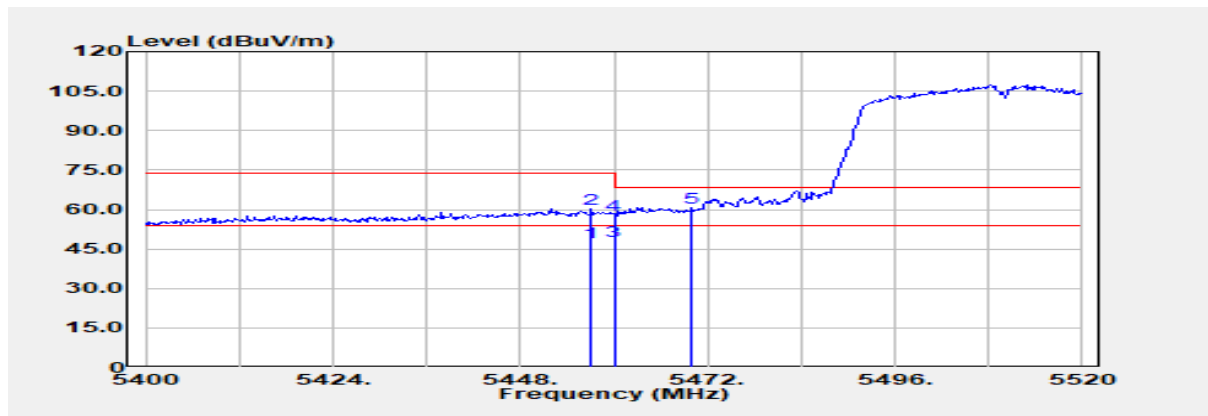
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Report Number :E2/2020/C0053
 Operation Mode :802.11n40 / Band 3
 Test Frequency :5510 MHz
 Test Mode :BE CH LOW
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-01-27
 Temp./Humi. :21.9/62
 Antenna Pol. :Vertical
 Engineer :Ashton Chiu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5457.115	Average	35.92	11.81	47.73	54.00	-6.27
5457.115	Peak	48.27	11.81	60.08	74.00	-13.92
5460.000	Average	36.00	11.81	47.81	54.00	-6.19
5460.000	Peak	46.30	11.66	57.97	74.00	-16.03
5470.000	Peak	48.87	11.73	60.60	68.20	-7.60

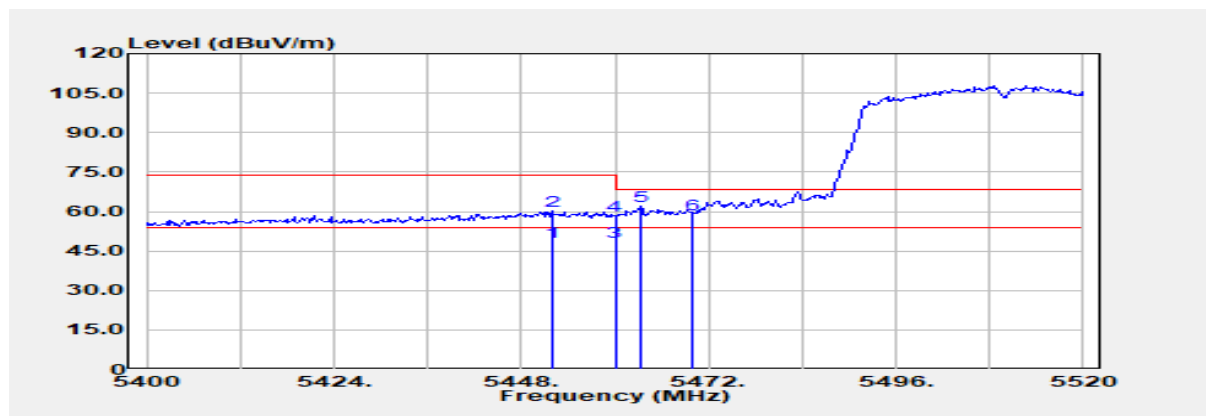
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Report Number :E2/2020/C0053
 Operation Mode :802.11n40 / Band 3
 Test Frequency :5510 MHz
 Test Mode :BE CH LOW
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-01-27
 Temp./Humi. :21.9/62
 Antenna Pol. :Horizontal
 Engineer :Ashton Chiu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5451.923	Average	36.24	12.09	48.33	54.00	-5.67
5451.923	Peak	47.96	12.09	60.04	74.00	-13.96
5460.000	Average	36.76	11.66	48.42	54.00	-5.58
5460.000	Peak	46.85	11.66	58.51	74.00	-15.49
5463.269	Peak	50.16	11.69	61.85	68.20	-6.35
5470.000	Peak	47.24	11.73	58.97	68.20	-9.23

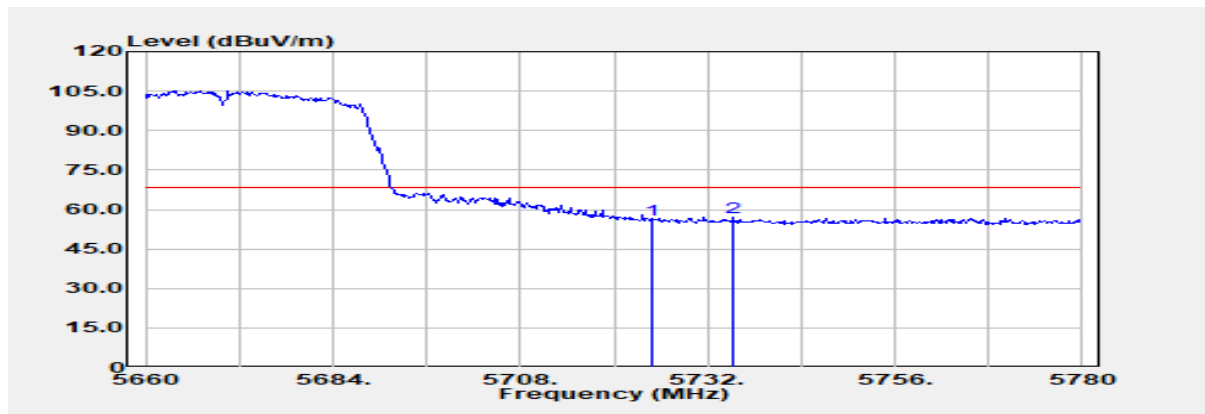
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Report Number :E2/2020/C0053
 Operation Mode :802.11n40 / Band 3
 Test Frequency :5670 MHz
 Test Mode :BE CH HIGH
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-01-27
 Temp./Humi. :22.0/62
 Antenna Pol. :Vertical
 Engineer :Ashton Chiu



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	45.34	10.62	55.96	68.20	-12.24
5735.385	Peak	46.70	10.54	57.24	68.20	-10.96

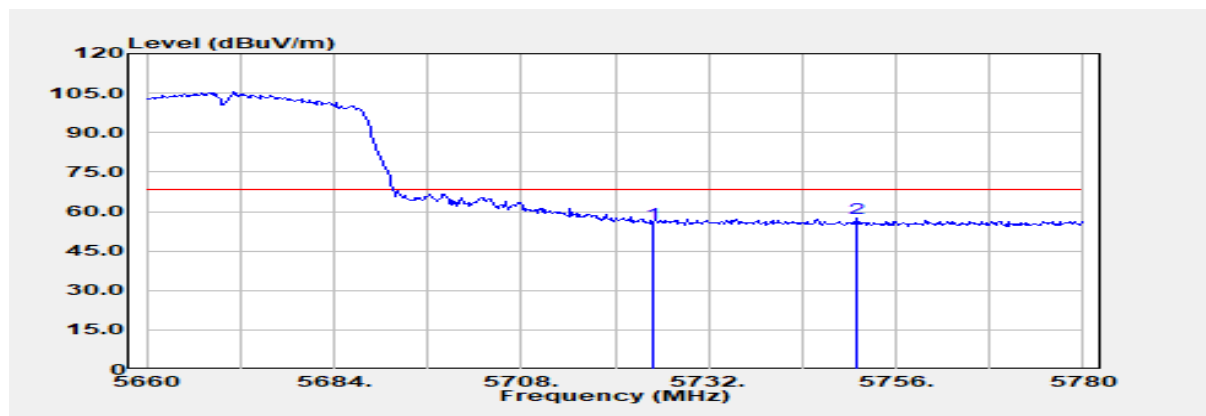
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Report Number :E2/2020/C0053
 Operation Mode :802.11n40 / Band 3
 Test Frequency :5670 MHz
 Test Mode :BE CH HIGH
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-01-27
 Temp./Humi. :22.0/62
 Antenna Pol. :Horizontal
 Engineer :Ashton Chiu



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	45.20	10.62	55.83	68.20	-12.37
5750.961	Peak	46.68	10.81	57.50	68.20	-10.70

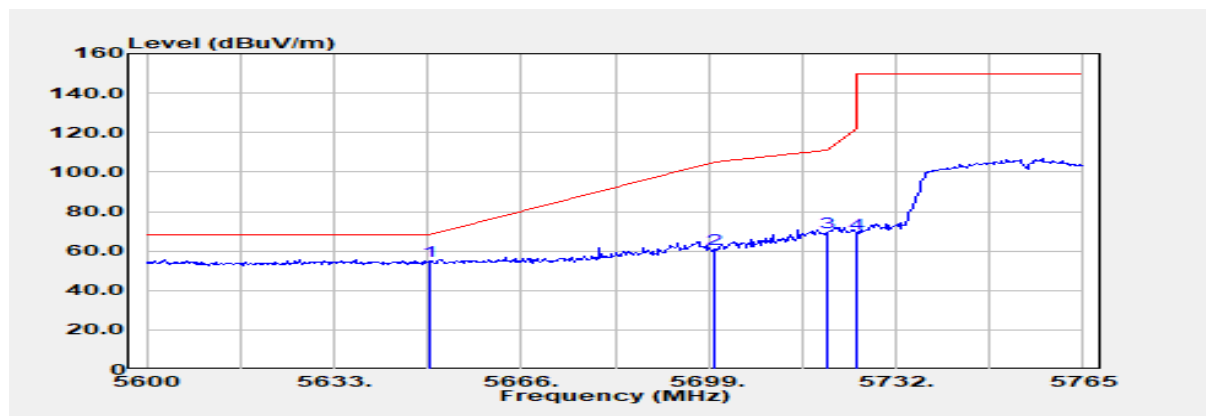
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Report Number :E2/2020/C0053
 Operation Mode :802.11n40 / Band 4
 Test Frequency :5755 MHz
 Test Mode :BE CH LOW
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-01-27
 Temp./Humi. :22.0/61
 Antenna Pol. :Vertical
 Engineer :Ashton Chiu



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	44.31	10.51	54.82	68.20	-13.38
5700.000	Peak	50.75	10.41	61.16	105.20	-44.04
5720.000	Peak	58.38	10.76	69.14	110.80	-41.66
5725.000	Peak	58.42	10.62	69.04	122.20	-53.16

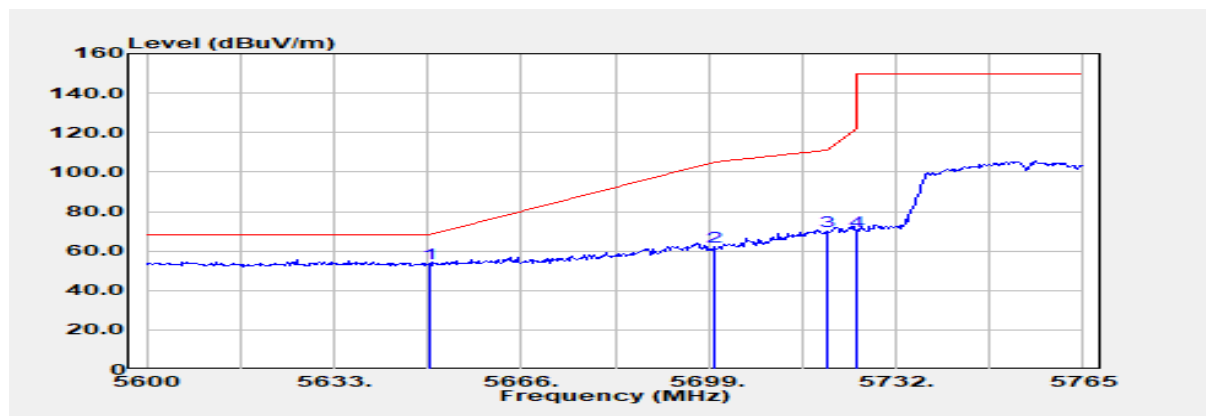
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Report Number :E2/2020/C0053
 Operation Mode :802.11n40 / Band 4
 Test Frequency :5755 MHz
 Test Mode :BE CH LOW
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-01-27
 Temp./Humi. :22.0/61
 Antenna Pol. :Horizontal
 Engineer :Ashton Chiu



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	43.04	10.51	53.54	68.20	-14.66
5700.000	Peak	51.63	10.41	62.04	105.20	-43.16
5720.000	Peak	58.99	10.76	69.75	110.80	-41.05
5725.000	Peak	59.28	10.62	69.90	122.20	-52.30

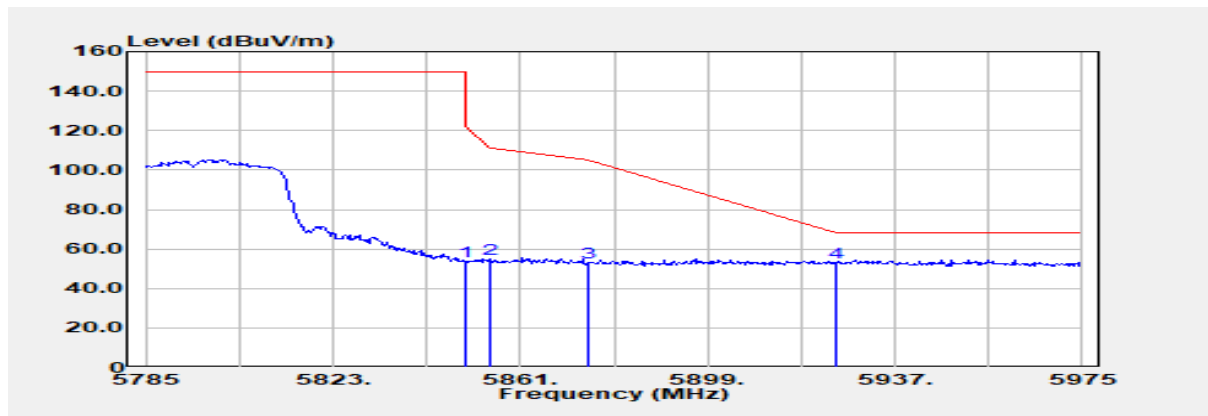
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Report Number :E2/2020/C0053
 Operation Mode :802.11n40 / Band 4
 Test Frequency :5795 MHz
 Test Mode :BE CH HIGH
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-01-27
 Temp./Humi. :22.0/62
 Antenna Pol. :Vertical
 Engineer :Ashton Chiu



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	42.37	11.31	53.68	122.20	-68.52
5855.000	Peak	43.56	11.61	55.17	110.80	-55.63
5875.000	Peak	41.29	12.08	53.37	105.20	-51.83
5925.000	Peak	40.32	12.98	53.30	68.20	-14.90

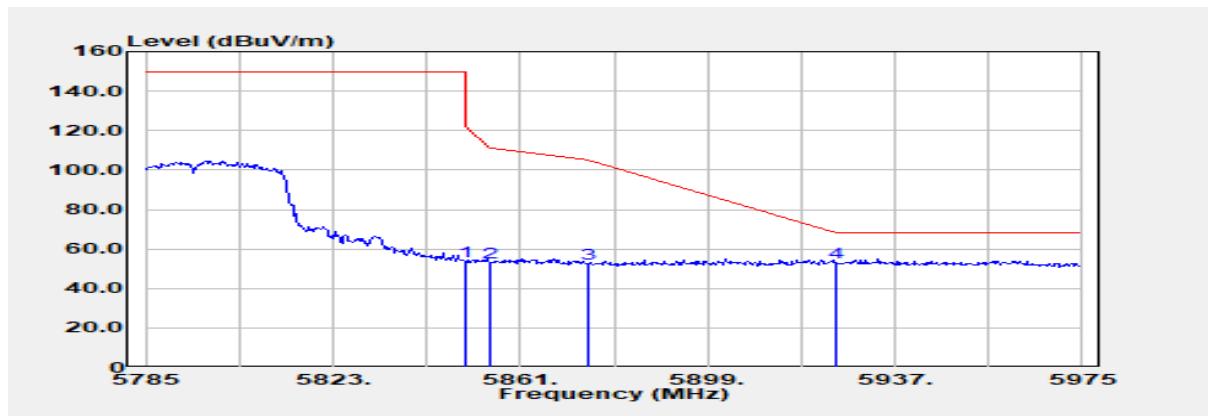
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Report Number :E2/2020/C0053
 Operation Mode :802.11n40 / Band 4
 Test Frequency :5795 MHz
 Test Mode :BE CH HIGH
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-01-27
 Temp./Humi. :22.0/62
 Antenna Pol. :Horizontal
 Engineer :Ashton Chiu



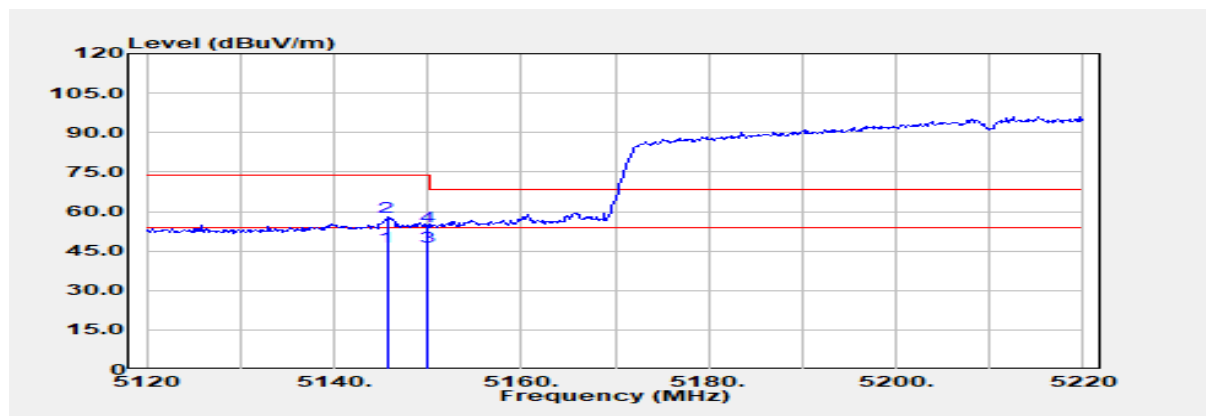
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5850.000	Peak	42.26	11.31	53.56	122.20	-68.64
5855.000	Peak	41.60	11.61	53.21	110.80	-57.59
5875.000	Peak	40.29	12.08	52.37	105.20	-52.83
5925.000	Peak	40.08	12.98	53.07	68.20	-15.13

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ac80 / Band 1	Test Date	:2021-01-27
Test Frequency	:5210 MHz	Temp./Humi.	:22.4/64
Test Mode	:BE CH LOW FULL RU	Antenna Pol.	:Vertical
EUT Pol	:E2 Plan	Engineer	:Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5145.641	Average	36.36	10.46	46.82	54.00	-7.18
5145.641	Peak	47.31	10.46	57.77	74.00	-16.23
5150.000	Average	36.11	10.50	46.61	54.00	-7.39
5150.000	Peak	43.90	10.50	54.40	74.00	-19.60

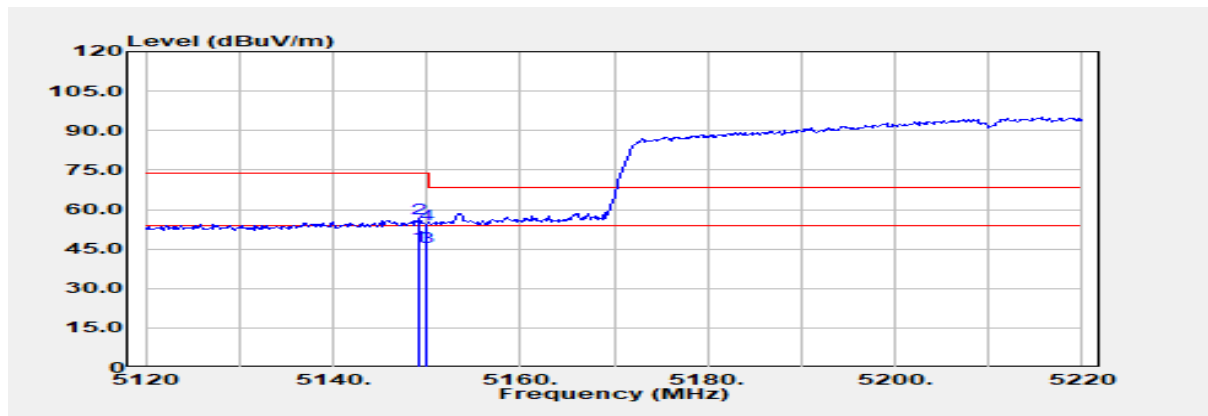
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Report Number :E2/2020/C0053
 Operation Mode :802.11ac80 / Band 1
 Test Frequency :5210 MHz
 Test Mode :BE CH LOW FULL RU
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-01-27
 Temp./Humi. :22.4/64
 Antenna Pol. :Horizontal
 Engineer :Enzo Chang



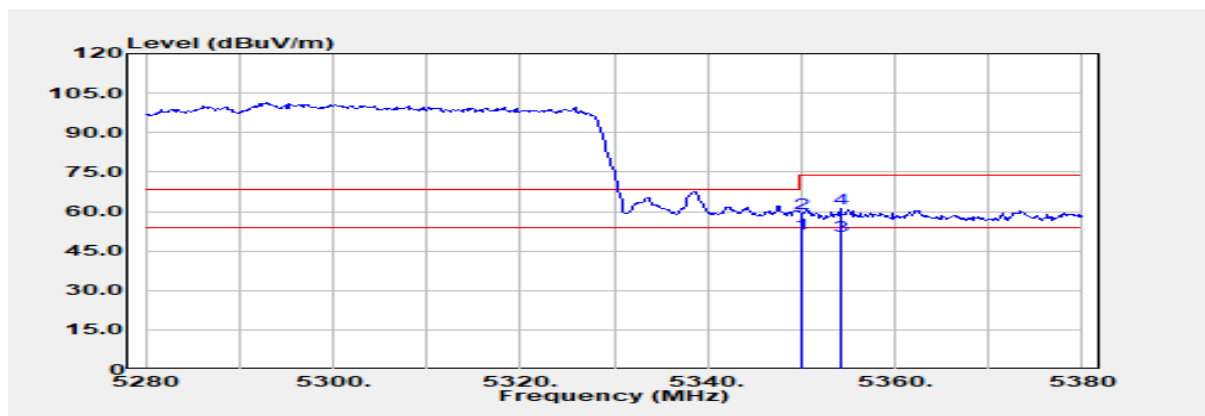
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5149.167	Average	35.52	10.49	46.01	54.00	-7.99
5149.167	Peak	46.02	10.49	56.52	74.00	-17.48
5150.000	Average	35.37	10.50	45.87	54.00	-8.13
5150.000	Peak	43.68	10.50	54.17	74.00	-19.83

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ac80 / Band 2	Test Date	:2021-01-27
Test Frequency	:5290 MHz	Temp./Humi.	:22.4/64
Test Mode	:BE CH HIGH FULL RU	Antenna Pol.	:Vertical
EUT Pol	:E2 Plan	Engineer	:Enzo Chang



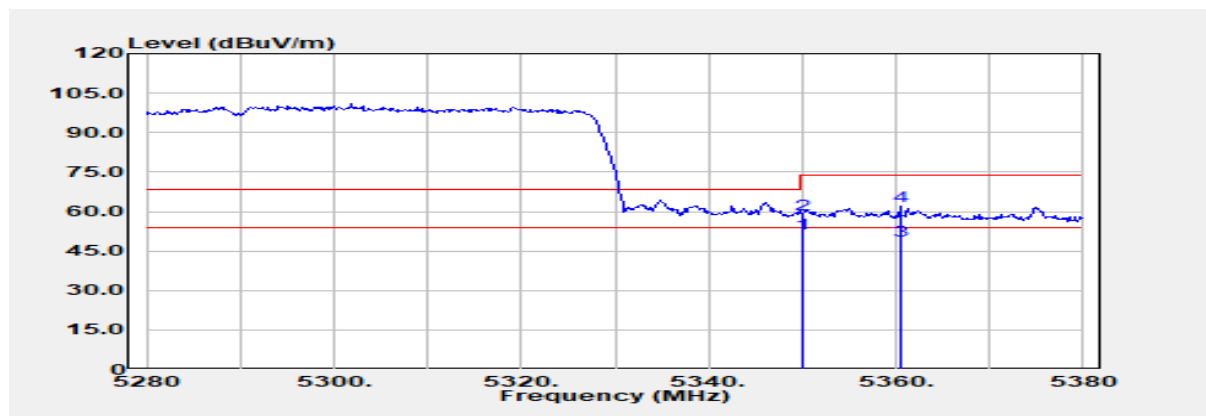
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	40.26	11.54	51.80	54.00	-2.20
5350.000	Peak	48.00	11.54	59.54	74.00	-14.46
5354.199	Average	38.94	11.58	50.52	54.00	-3.48
5354.199	Peak	49.66	11.58	61.24	74.00	-12.76

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ac80 / Band 2	Test Date	:2021-01-27
Test Frequency	:5290 MHz	Temp./Humi.	:22.4/64
Test Mode	:BE CH HIGH FULL RU	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plan	Engineer	:Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	40.15	11.54	51.69	54.00	-2.31
5350.000	Peak	47.46	11.54	58.99	74.00	-15.01
5360.449	Average	37.51	11.61	49.12	54.00	-4.88
5360.449	Peak	50.28	11.61	61.89	74.00	-12.11

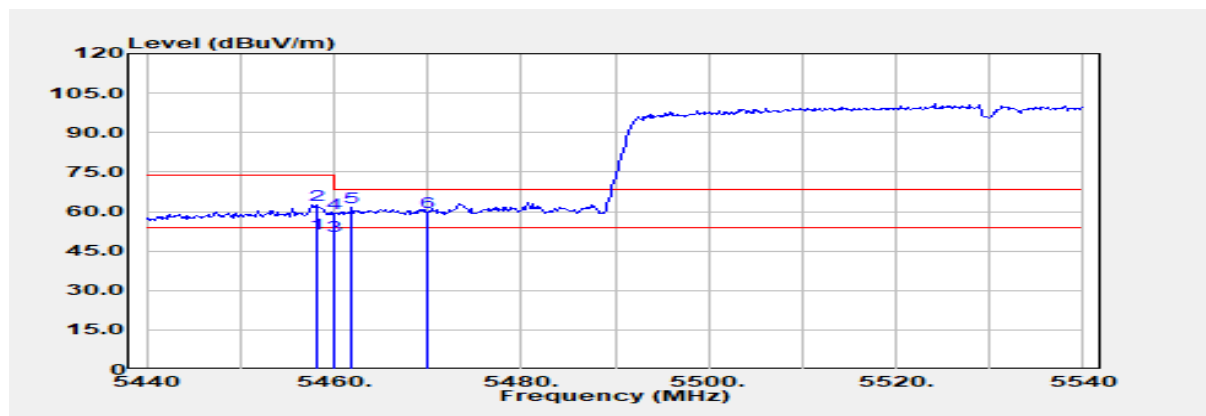
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Report Number :E2/2020/C0053
 Operation Mode :802.11ac80 / Band 3
 Test Frequency :5530 MHz
 Test Mode :BE CH LOW FULL RU
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-01-27
 Temp./Humi. :22.4/64
 Antenna Pol. :Vertical
 Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5458.109	Average	39.98	11.76	51.74	54.00	-2.26
5458.109	Peak	50.76	11.76	62.53	74.00	-11.47
5460.000	Average	38.95	11.66	50.61	54.00	-3.39
5460.000	Peak	47.67	11.66	59.33	74.00	-14.67
5461.955	Peak	49.87	11.68	61.55	68.20	-6.65
5470.000	Peak	48.03	11.73	59.76	68.20	-8.44

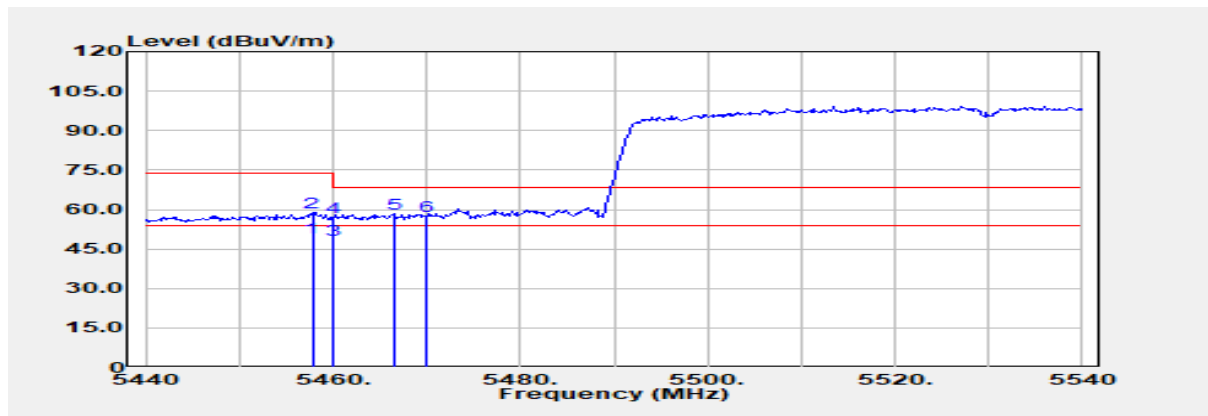
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Report Number :E2/2020/C0053
 Operation Mode :802.11ac80 / Band 3
 Test Frequency :5530 MHz
 Test Mode :BE CH LOW FULL RU
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-01-27
 Temp./Humi. :22.4/64
 Antenna Pol. :Horizontal
 Engineer :Enzo Chang



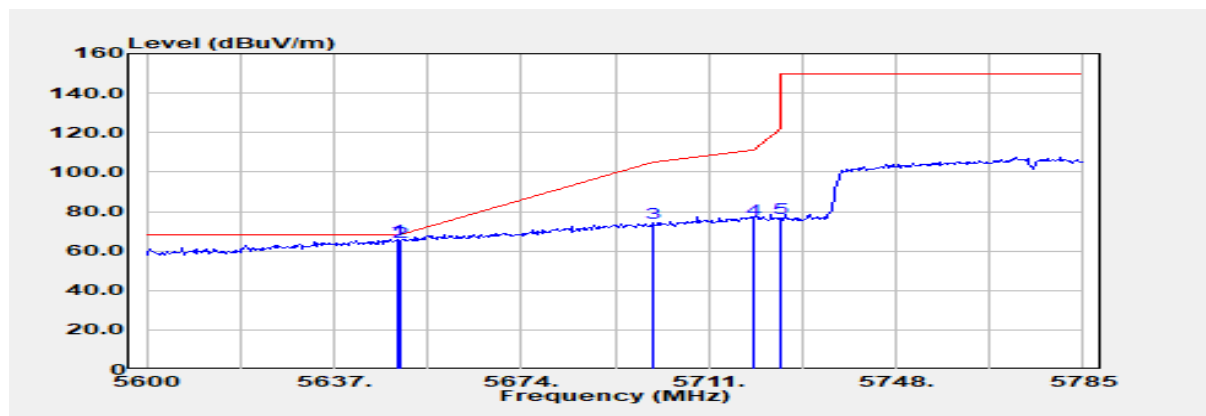
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5457.789	Average	37.58	11.78	49.36	54.00	-4.64
5457.789	Peak	47.30	11.78	59.08	74.00	-14.92
5460.000	Average	36.71	11.66	48.37	54.00	-5.63
5460.000	Peak	45.25	11.66	56.91	74.00	-17.09
5466.442	Peak	46.71	11.71	58.42	68.20	-9.78
5470.000	Peak	45.80	11.73	57.53	68.20	-10.67

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ac80 / Band 4	Test Date	:2021-01-27
Test Frequency	:5775 MHz	Temp./Humi.	:22.4/64
Test Mode	:BE CH LOW FULL RU	Antenna Pol.	:Vertical
EUT Pol	:E2 Plan	Engineer	:Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5649.511	Peak	55.07	10.51	65.58	68.20	-2.62
5650.000	Peak	54.25	10.51	64.75	68.20	-3.45
5700.000	Peak	63.57	10.41	73.98	105.20	-31.22
5720.000	Peak	65.07	10.76	75.83	110.80	-34.97
5725.000	Peak	65.93	10.62	76.55	122.20	-45.65

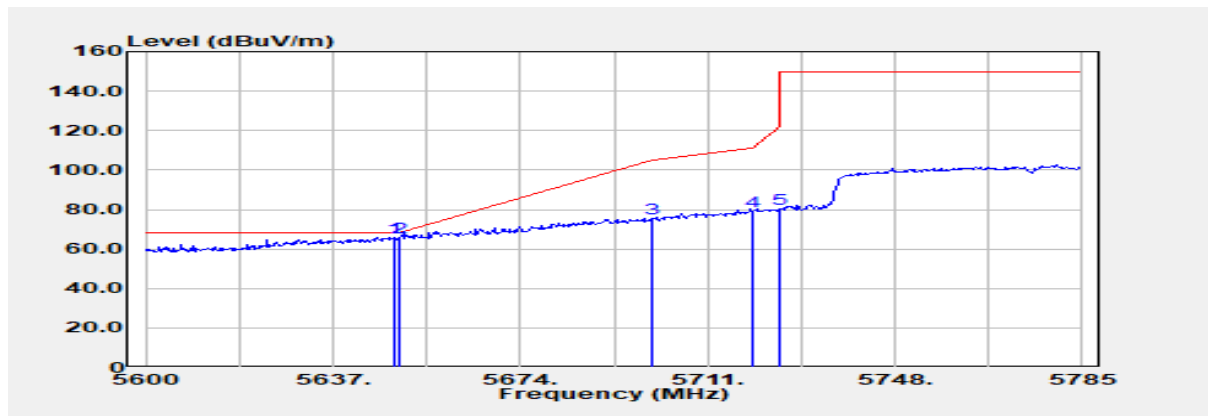
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Report Number :E2/2020/C0053
Operation Mode :802.11ac80 / Band 4
Test Frequency :5775 MHz
Test Mode :BE CH LOW FULL RU
EUT Pol :E2 Plan

Test Site :966 Chamber C
Test Date :2021-01-27
Temp./Humi. :22.4/64
Antenna Pol. :Horizontal
Engineer :Enzo Chang



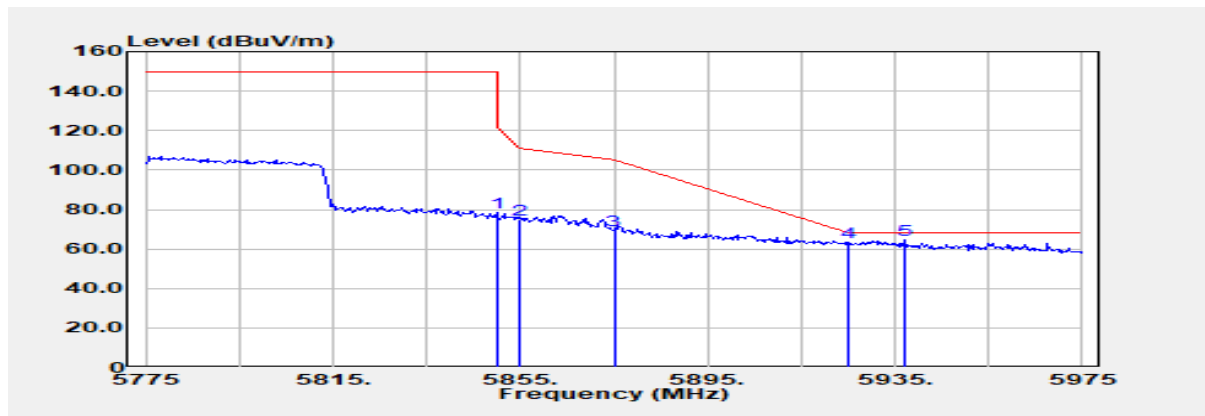
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5648.918	Peak	55.45	10.52	65.97	68.20	-2.23
5650.000	Peak	55.55	10.51	66.06	68.20	-2.14
5700.000	Peak	65.13	10.41	75.53	105.20	-29.67
5720.000	Peak	68.39	10.76	79.15	110.80	-31.65
5725.000	Peak	69.67	10.62	80.29	122.20	-41.91

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ac80 / Band 4	Test Date	:2021-01-27
Test Frequency	:5775 MHz	Temp./Humi.	:22.4/64
Test Mode	:BE CH HIGH FULL RU	Antenna Pol.	:Vertical
EUT Pol	:E2 Plan	Engineer	:Enzo Chang



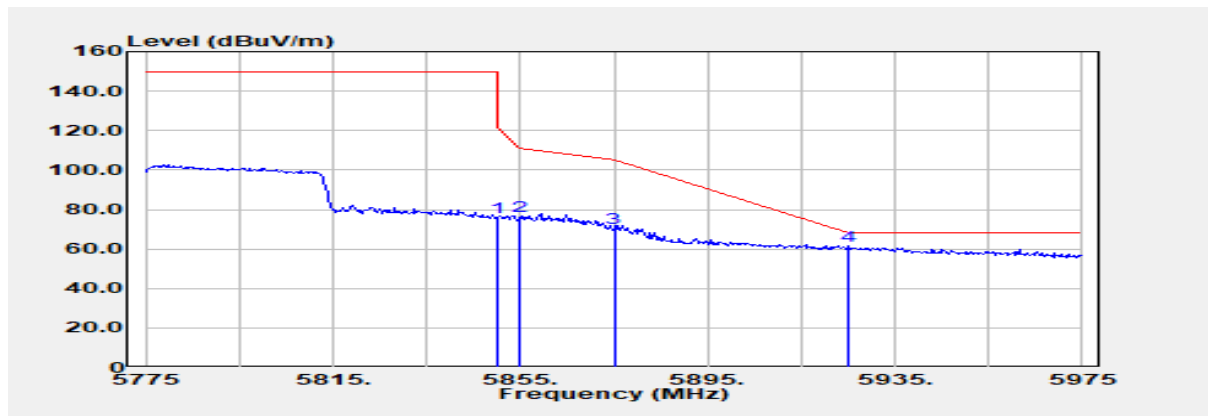
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	67.28	11.31	78.59	122.20	-43.61
5855.000	Peak	63.46	11.61	75.07	110.80	-35.73
5875.000	Peak	57.52	12.08	69.60	105.20	-35.60
5925.000	Peak	50.47	12.98	63.45	68.20	-4.75
5936.859	Peak	51.46	12.86	64.31	68.20	-3.89

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ac80 / Band 4	Test Date	:2021-01-27
Test Frequency	:5775 MHz	Temp./Humi.	:22.4/64
Test Mode	:BE CH HIGH FULL RU	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plan	Engineer	:Enzo Chang



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	64.87	11.31	76.18	122.20	-46.02
5855.000	Peak	64.92	11.61	76.53	110.80	-34.27
5875.000	Peak	58.60	12.08	70.68	105.20	-34.52
5925.000	Peak	48.36	12.98	61.34	68.20	-6.86

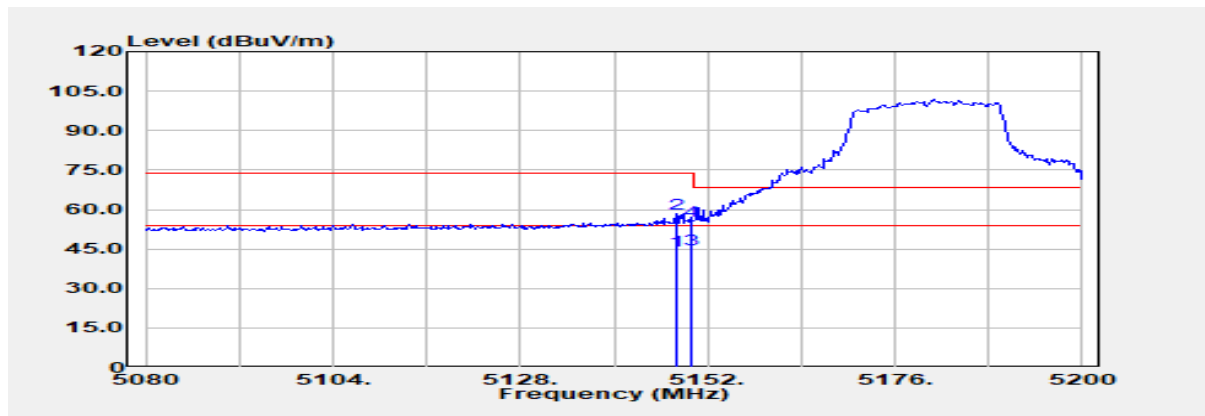
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Report Number :E2/2020/C0053
 Operation Mode :802.11ax20 / Band 1
 Test Frequency :5180 MHz
 Test Mode :BE CH LOW FULL RU
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-01-26
 Temp./Humi. :21.9/66
 Antenna Pol. :Vertical
 Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5147.885	Average	34.01	10.48	44.49	54.00	-9.51
5147.885	Peak	48.01	10.48	58.49	74.00	-15.51
5150.000	Average	34.22	10.50	44.72	54.00	-9.28
5150.000	Peak	44.97	10.50	55.47	74.00	-18.53

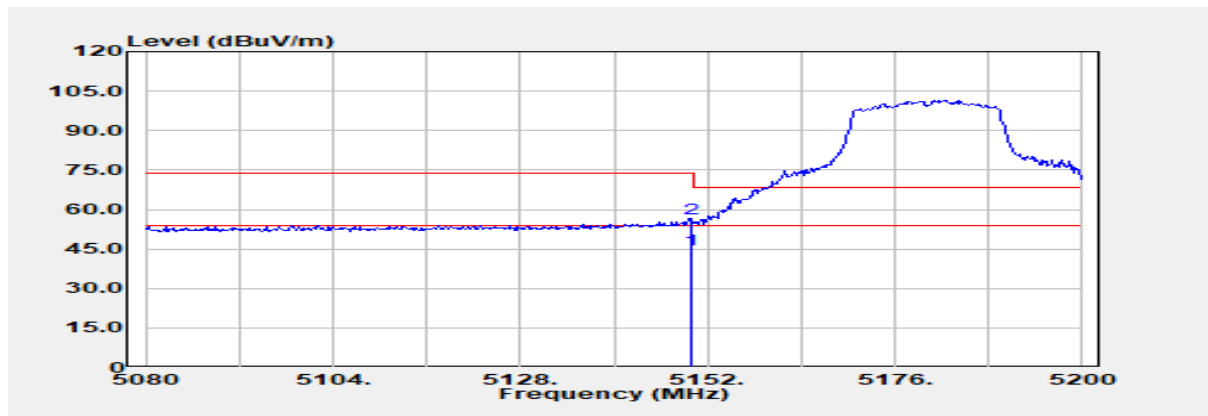
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Report Number :E2/2020/C0053
Operation Mode :802.11ax20 / Band 1
Test Frequency :5180 MHz
Test Mode :BE CH LOW FULL RU
EUT Pol :E2 Plan

Test Site :966 Chamber C
Test Date :2021-01-26
Temp./Humi. :21.9/66
Antenna Pol. :Horizontal
Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dB μ V	Factor dB	Actual FS dB μ V/m	Limit @3m dB μ V/m	Margin dB
5150.000	Average	34.14	10.50	44.64	54.00	-9.36
5150.000	Peak	45.92	10.50	56.42	74.00	-17.58

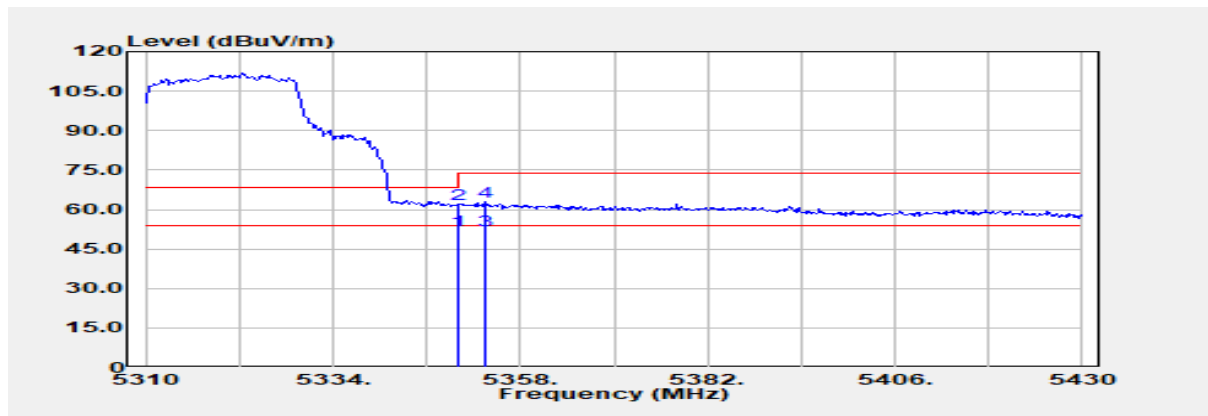
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Report Number :E2/2020/C0053
Operation Mode :802.11ax20 / Band 2
Test Frequency :5320 MHz
Test Mode :BE CH HIGH FULL RU
EUT Pol :E2 Plan

Test Site :966 Chamber C
Test Date :2021-01-26
Temp./Humi. :22.4/64
Antenna Pol. :Vertical
Engineer :Enzo Chang



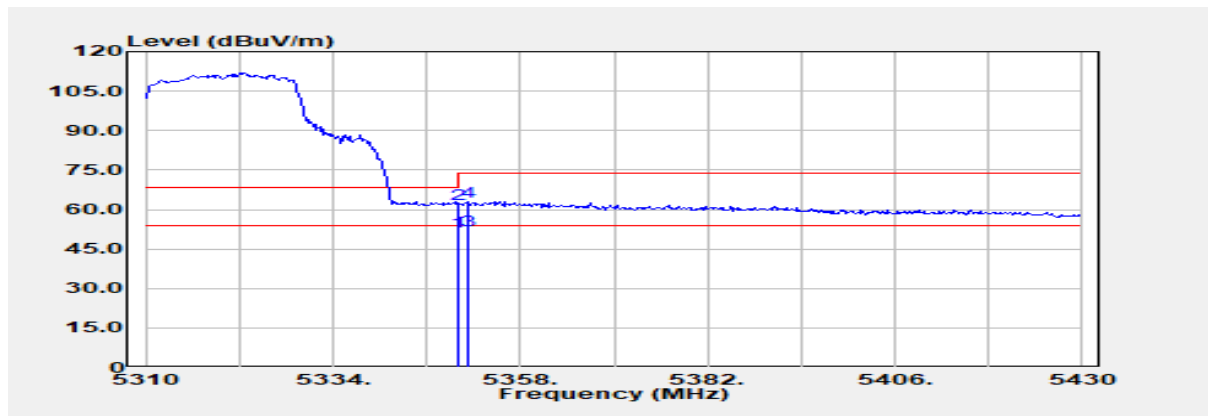
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	40.41	11.54	51.95	54.00	-2.05
5350.000	Peak	50.48	11.54	62.01	74.00	-11.99
5353.461	Average	40.29	11.57	51.86	54.00	-2.14
5353.461	Peak	51.20	11.57	62.77	74.00	-11.23

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax20 / Band 2	Test Date	:2021-01-27
Test Frequency	:5320 MHz	Temp./Humi.	:22.4/64
Test Mode	:BE CH HIGH FULL RU	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plan	Engineer	:Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	40.25	11.54	51.79	54.00	-2.21
5350.000	Peak	50.40	11.54	61.94	74.00	-12.06
5351.154	Average	40.40	11.55	51.95	54.00	-2.05
5351.154	Peak	51.47	11.55	63.02	74.00	-10.98

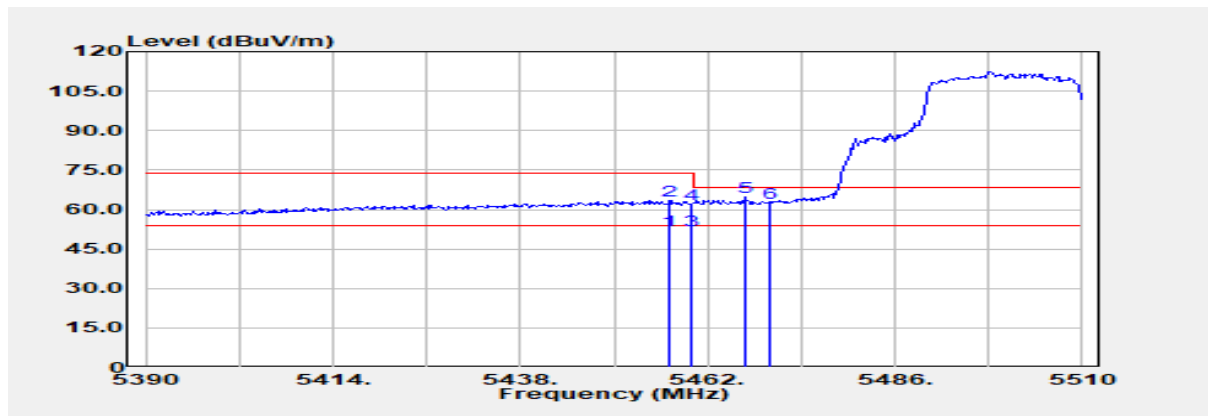
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Report Number :E2/2020/C0053
 Operation Mode :802.11ax20 / Band 3
 Test Frequency :5500 MHz
 Test Mode :BE CH LOW FULL RU
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-01-27
 Temp./Humi. :22.4/64
 Antenna Pol. :Vertical
 Engineer :Enzo Chang



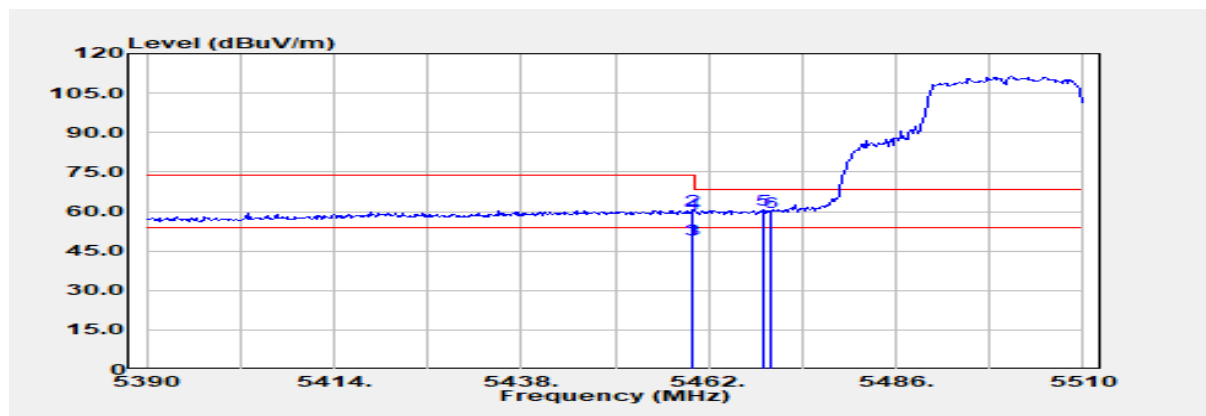
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5457.115	Average	40.05	11.81	51.86	54.00	-2.14
5457.115	Peak	51.68	11.81	63.49	74.00	-10.51
5460.000	Average	40.26	11.66	51.92	54.00	-2.08
5460.000	Peak	50.37	11.66	62.03	74.00	-11.97
5466.731	Peak	53.17	11.71	64.88	68.20	-3.32
5470.000	Peak	50.69	11.73	62.42	68.20	-5.78

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax20 / Band 3	Test Date	:2021-01-27
Test Frequency	:5500 MHz	Temp./Humi.	:22.4/64
Test Mode	:BE CH LOW FULL RU	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plan	Engineer	:Enzo Chang



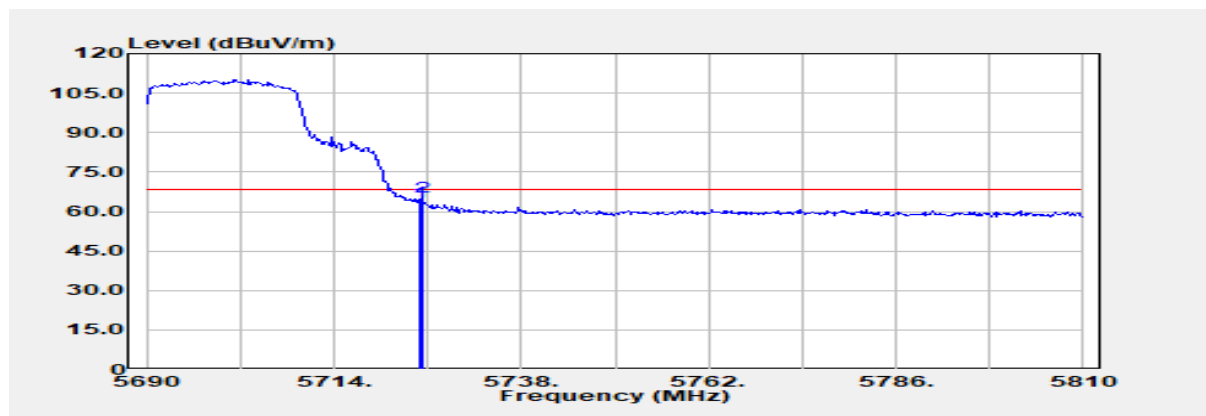
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5459.808	Average	37.83	11.67	49.50	54.00	-4.50
5459.808	Peak	48.78	11.67	60.45	74.00	-13.55
5460.000	Average	37.73	11.66	49.39	54.00	-4.61
5460.000	Peak	47.76	11.66	59.43	74.00	-14.57
5469.039	Peak	48.88	11.73	60.61	68.20	-7.59
5470.000	Peak	48.06	11.73	59.79	68.20	-8.41

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax20 / Band 3	Test Date	:2021-01-27
Test Frequency	:5700 MHz	Temp./Humi.	:22.4/64
Test Mode	:BE CH HIGH FULL RU	Antenna Pol.	:Vertical
EUT Pol	:E2 Plan	Engineer	:Enzo Chang



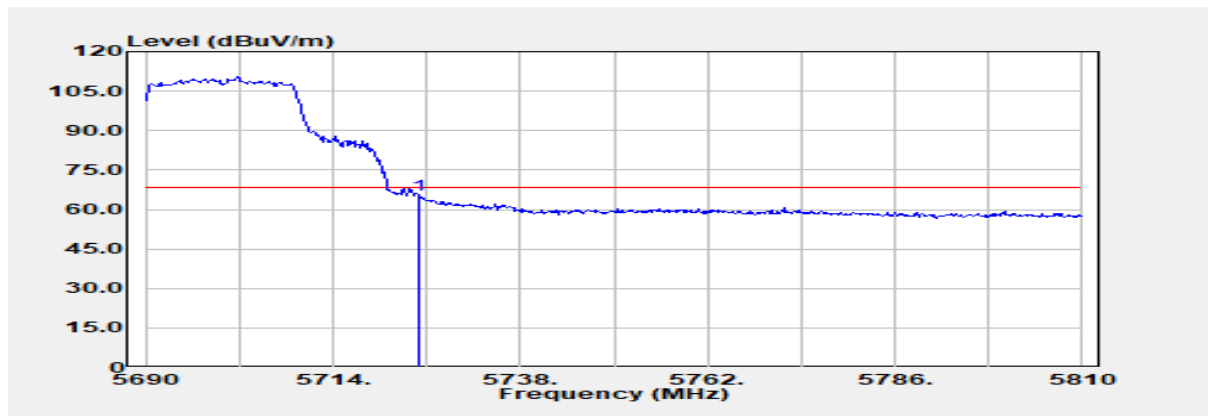
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	53.18	10.62	63.80	68.20	-4.40
5725.192	Peak	54.82	10.62	65.44	68.20	-2.76

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax20 / Band 3	Test Date	:2021-01-27
Test Frequency	:5700 MHz	Temp./Humi.	:22.4/64
Test Mode	:BE CH HIGH FULL RU	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plan	Engineer	:Enzo Chang



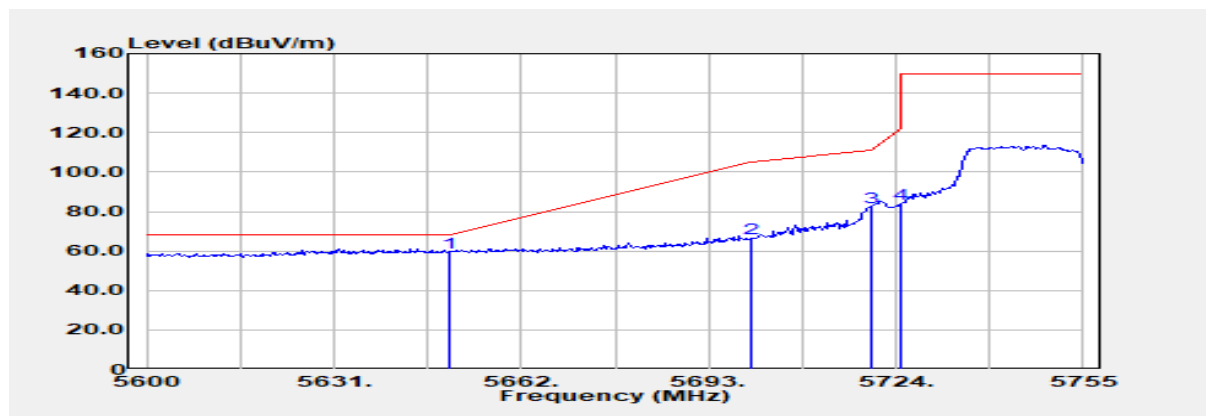
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	55.24	10.62	65.86	68.20	-2.34

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax20 / Band 4	Test Date	:2021-01-27
Test Frequency	:5745 MHz	Temp./Humi.	:22.4/64
Test Mode	:BE CH LOW FULL RU	Antenna Pol.	:Vertical
EUT Pol	:E2 Plan	Engineer	:Enzo Chang



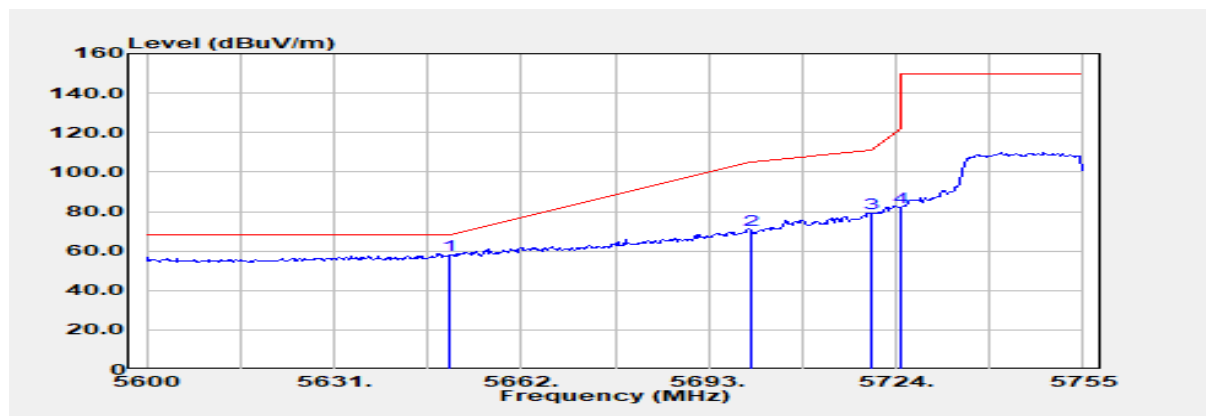
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.000	Peak	48.59	10.51	59.10	68.20	-9.10
5700.000	Peak	55.90	10.41	66.31	105.20	-38.89
5720.000	Peak	71.38	10.76	82.14	110.80	-28.66
5725.000	Peak	73.29	10.62	83.91	122.20	-38.29

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax20 / Band 4	Test Date	:2021-01-27
Test Frequency	:5745 MHz	Temp./Humi.	:22.4/64
Test Mode	:BE CH LOW FULL RU	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plan	Engineer	:Enzo Chang



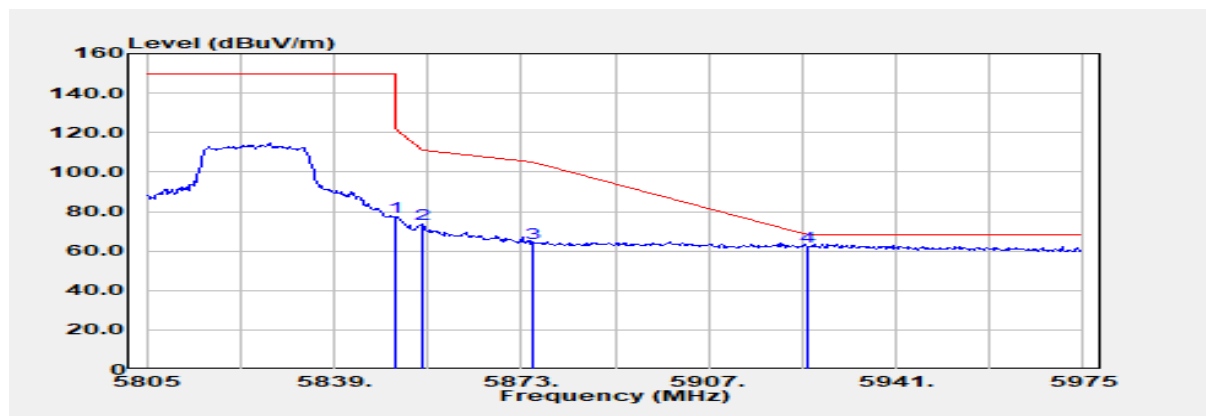
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.000	Peak	47.22	10.51	57.72	68.20	-10.48
5700.000	Peak	59.96	10.41	70.36	105.20	-34.84
5720.000	Peak	68.12	10.76	78.88	110.80	-31.92
5725.000	Peak	71.66	10.62	82.29	122.20	-39.91

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax20 / Band 4	Test Date	:2021-01-27
Test Frequency	:5825 MHz	Temp./Humi.	:22.4/64
Test Mode	:BE CH HIGH FULL RU	Antenna Pol.	:Vertical
EUT Pol	:E2 Plan	Engineer	:Enzo Chang



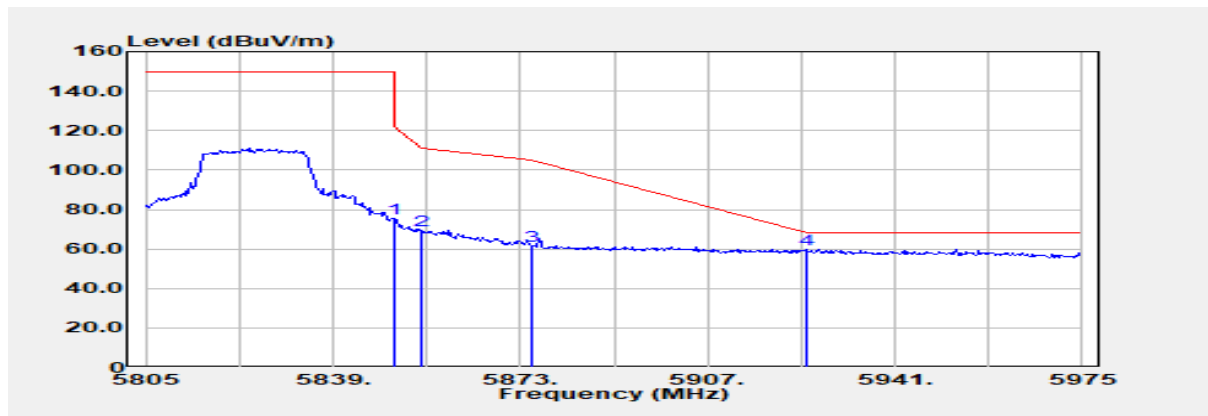
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	66.13	11.31	77.44	122.20	-44.76
5855.000	Peak	61.94	11.61	73.55	110.80	-37.25
5875.000	Peak	51.78	12.08	63.86	105.20	-41.34
5925.000	Peak	49.50	12.98	62.48	68.20	-5.72

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax20 / Band 4	Test Date	:2021-01-27
Test Frequency	:5825 MHz	Temp./Humi.	:22.4/64
Test Mode	:BE CH HIGH FULL RU	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plan	Engineer	:Enzo Chang



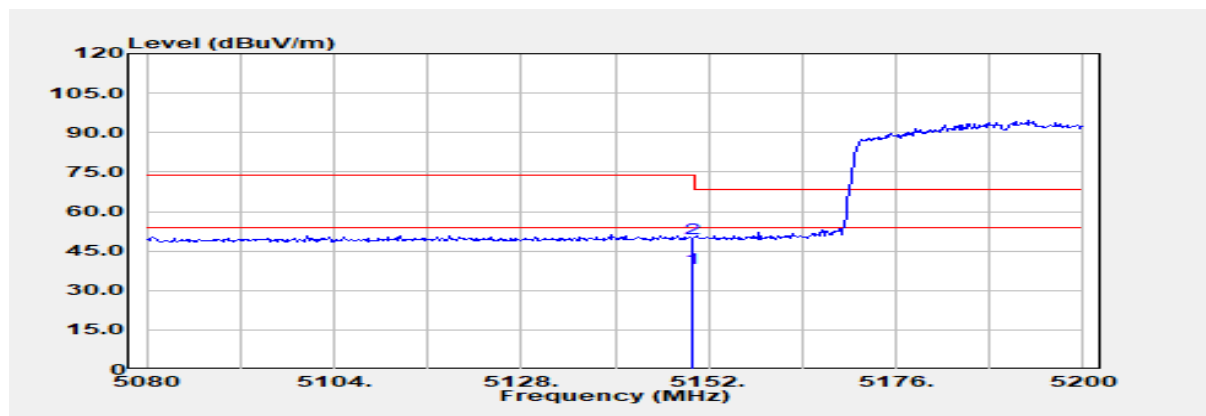
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	64.33	11.31	75.64	122.20	-46.56
5855.000	Peak	57.67	11.61	69.28	110.80	-41.52
5875.000	Peak	49.59	12.08	61.67	105.20	-43.53
5925.000	Peak	46.62	12.98	59.60	68.20	-8.60

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax40 / Band 1	Test Date	:2021-02-09
Test Frequency	:5190 MHz	Temp./Humi.	:23.4/68
Test Mode	:BE CH LOW FULL RU	Antenna Pol.	:Vertical
EUT Pol	:E2 Plan	Engineer	:Ashton Chiu



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5150.000	Average	27.89	10.50	38.39	54.00	-15.61
5150.000	Peak	39.34	10.50	49.83	74.00	-24.17

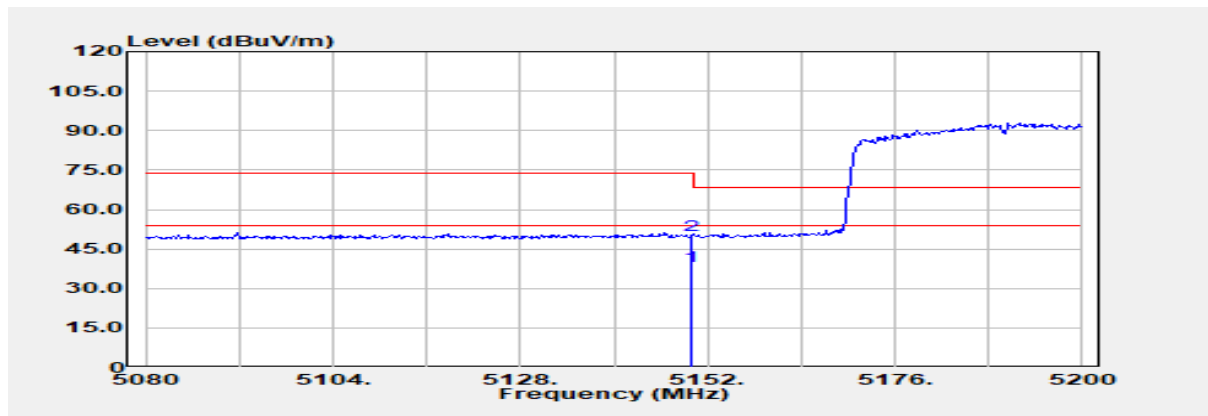
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Report Number :E2/2020/C0053
 Operation Mode :802.11ax40 / Band 1
 Test Frequency :5190 MHz
 Test Mode :BE CH LOW FULL RU
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-02-09
 Temp./Humi. :23.4/68
 Antenna Pol. :Horizontal
 Engineer :Ashton Chiu



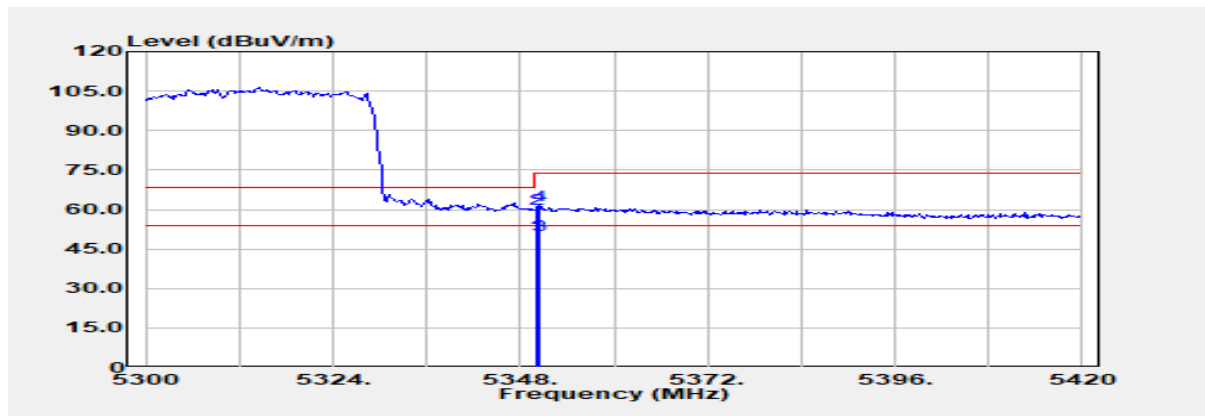
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5150.000	Average	28.20	10.50	38.70	54.00	-15.30
5150.000	Peak	39.69	10.50	50.19	74.00	-23.81

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax40 / Band 2	Test Date	:2021-02-09
Test Frequency	:5310 MHz	Temp./Humi.	:23.4/68
Test Mode	:BE CH HIGH FULL RU	Antenna Pol.	:Vertical
EUT Pol	:E2 Plan	Engineer	:Enzo Chang



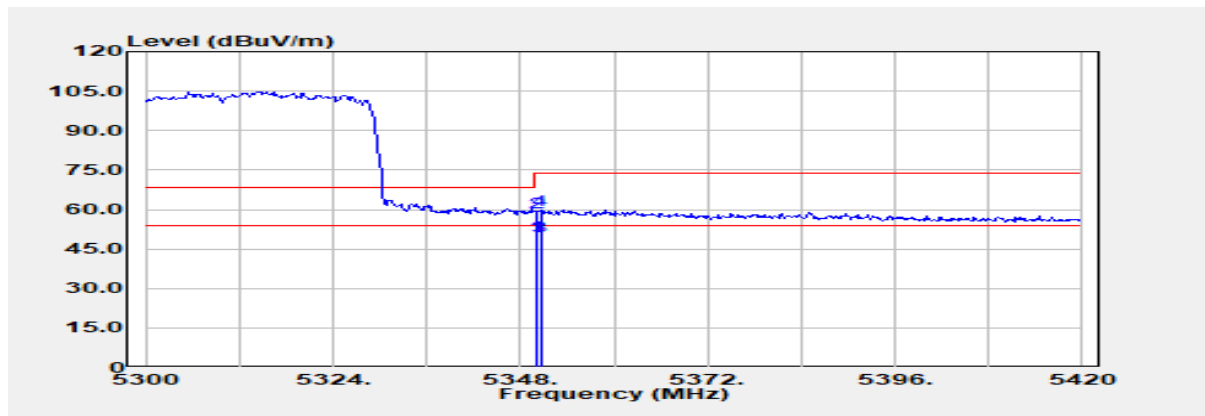
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	38.71	11.54	50.25	54.00	-3.75
5350.000	Peak	48.74	11.54	60.28	74.00	-13.72
5350.385	Average	38.76	11.54	50.30	54.00	-3.70
5350.385	Peak	49.96	11.54	61.50	74.00	-12.50

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax40 / Band 2	Test Date	:2021-02-09
Test Frequency	:5310 MHz	Temp./Humi.	:23.4/68
Test Mode	:BE CH HIGH FULL RU	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plan	Engineer	:Enzo Chang



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	38.16	11.54	49.70	54.00	-4.30
5350.000	Peak	47.21	11.54	58.74	74.00	-15.26
5350.577	Average	38.21	11.54	49.75	54.00	-4.25
5350.577	Peak	48.43	11.54	59.97	74.00	-14.03

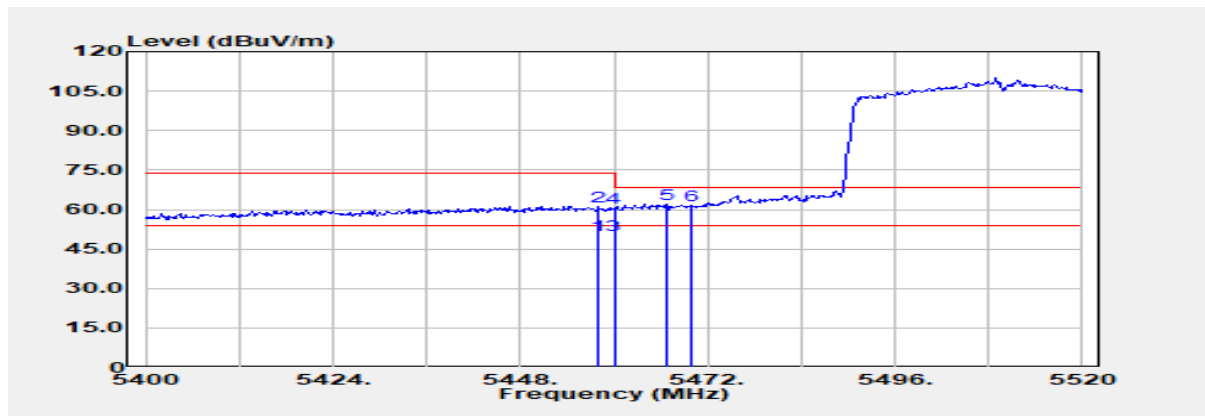
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Report Number :E2/2020/C0053
 Operation Mode :802.11ax40 / Band 2
 Test Frequency :5510 MHz
 Test Mode :BE CH LOW FULL RU
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-02-09
 Temp./Humi. :23.4/68
 Antenna Pol. :Vertical
 Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5458.077	Average	38.49	11.76	50.25	54.00	-3.75
5458.077	Peak	49.55	11.76	61.31	74.00	-12.69
5460.000	Average	38.65	11.66	50.31	54.00	-3.69
5460.000	Peak	49.24	11.66	60.90	74.00	-13.10
5466.731	Peak	50.55	11.71	62.26	68.20	-5.94
5470.000	Peak	49.63	11.73	61.36	68.20	-6.84

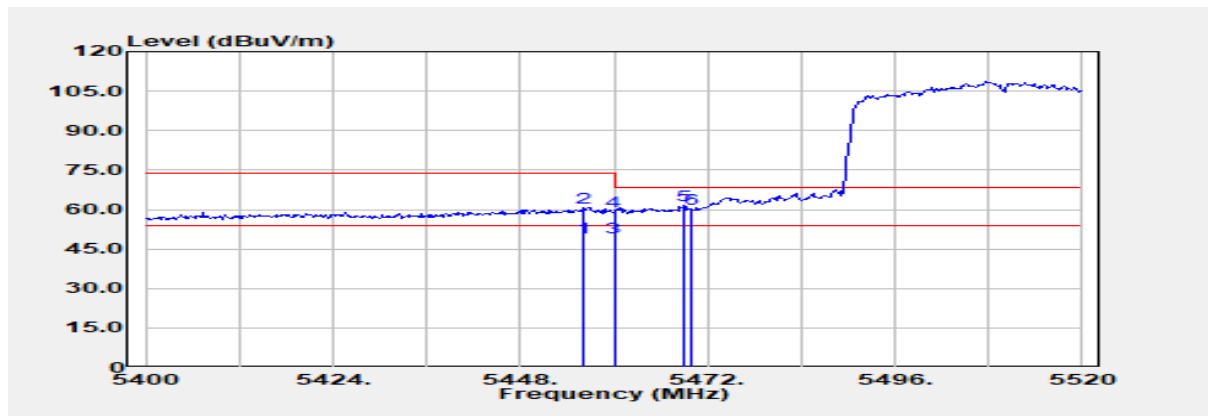
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Report Number :E2/2020/C0053
 Operation Mode :802.11ax40 / Band 2
 Test Frequency :5510 MHz
 Test Mode :BE CH LOW FULL RU
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-02-09
 Temp./Humi. :23.4/68
 Antenna Pol. :Horizontal
 Engineer :Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5455.961	Average	37.41	11.88	49.29	54.00	-4.71
5455.961	Peak	48.81	11.88	60.69	74.00	-13.31
5460.000	Average	37.67	11.66	49.33	54.00	-4.67
5460.000	Peak	47.56	11.66	59.22	74.00	-14.78
5469.039	Peak	49.84	11.73	61.56	68.20	-6.64
5470.000	Peak	48.72	11.73	60.45	68.20	-7.75

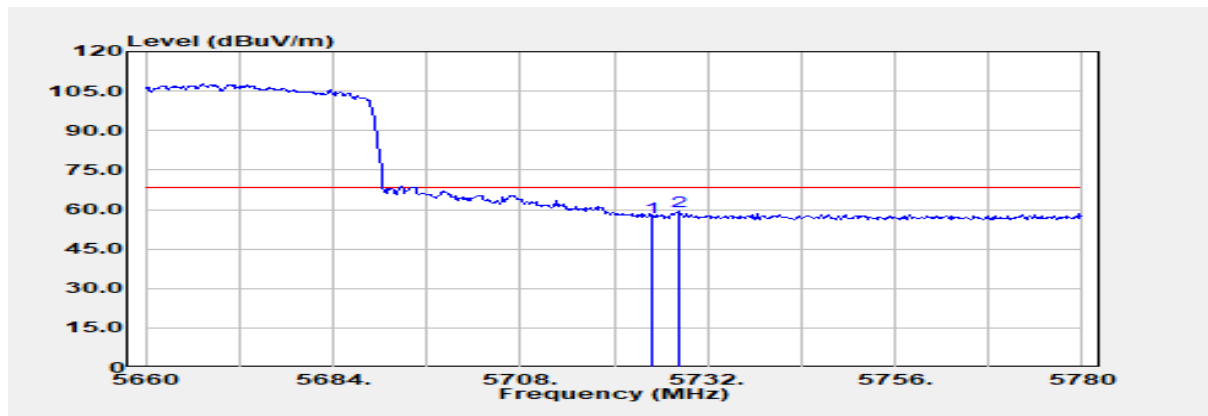
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Report Number :E2/2020/C0053
 Operation Mode :802.11ax40 / Band 3
 Test Frequency :5670 MHz
 Test Mode :BE CH HIGH FULL RU
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-01-27
 Temp./Humi. :20.7/67
 Antenna Pol. :Vertical
 Engineer :Enzo Chang



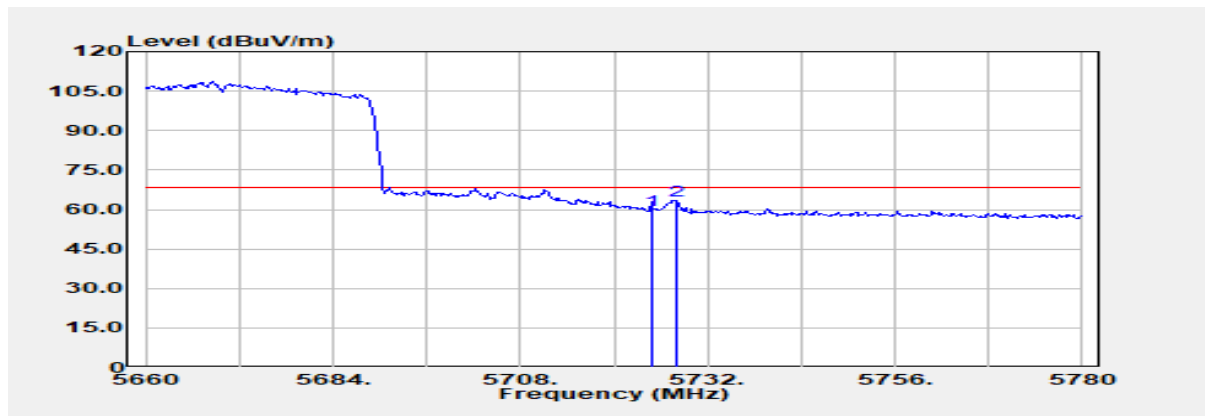
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	46.64	10.62	57.26	68.20	-10.94
5728.461	Peak	48.84	10.52	59.37	68.20	-8.83

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax40 / Band 3	Test Date	:2021-01-27
Test Frequency	:5670 MHz	Temp./Humi.	:20.7/67
Test Mode	:BE CH HIGH FULL RU	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plan	Engineer	:Enzo Chang



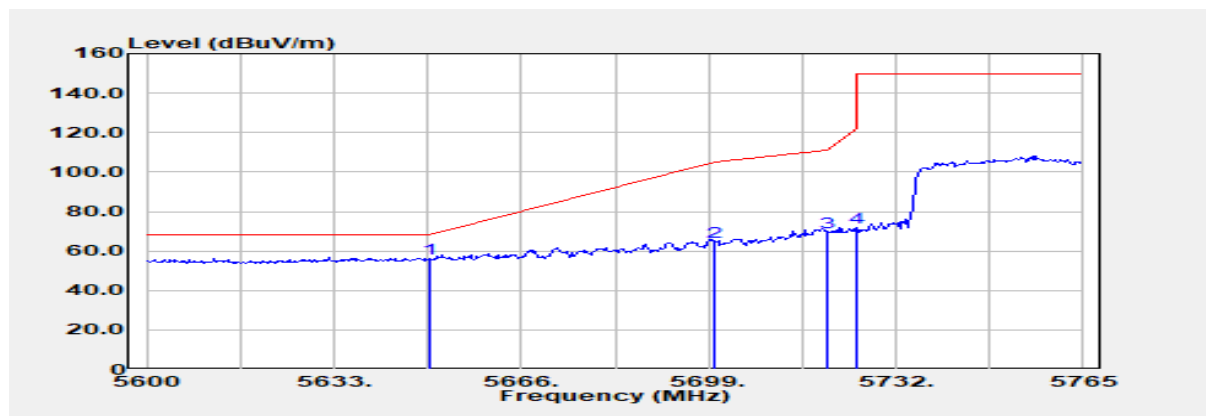
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5725.000	Peak	49.19	10.62	59.82	68.20	-8.38
5727.885	Peak	53.05	10.54	63.59	68.20	-4.61

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax40 / Band 4	Test Date	:2021-02-09
Test Frequency	:5755 MHz	Temp./Humi.	:23.4/68
Test Mode	:BE CH LOW FULL RU	Antenna Pol.	:Vertical
EUT Pol	:E2 Plan	Engineer	:Enzo Chang



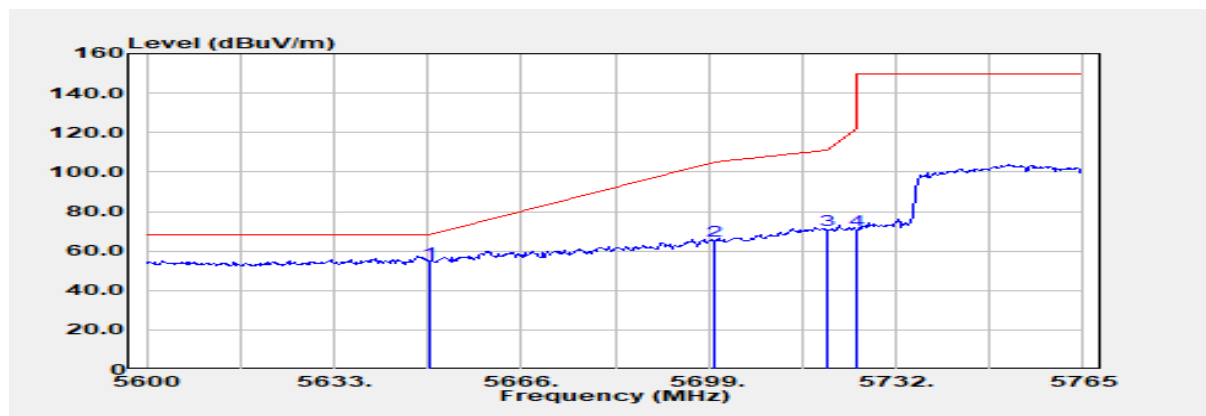
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBUV	Factor dB	Actual FS dBUV/m	Limit @3m dBUV/m	Margin dB
5650.000	Peak	45.46	10.51	55.96	68.20	-12.24
5700.000	Peak	54.11	10.41	64.52	105.20	-40.68
5720.000	Peak	58.42	10.76	69.18	110.80	-41.62
5725.000	Peak	61.41	10.62	72.03	122.20	-50.17

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax40 / Band 4	Test Date	:2021-02-09
Test Frequency	:5755 MHz	Temp./Humi.	:23.4/68
Test Mode	:BE CH LOW FULL RU	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plan	Engineer	:Enzo Chang



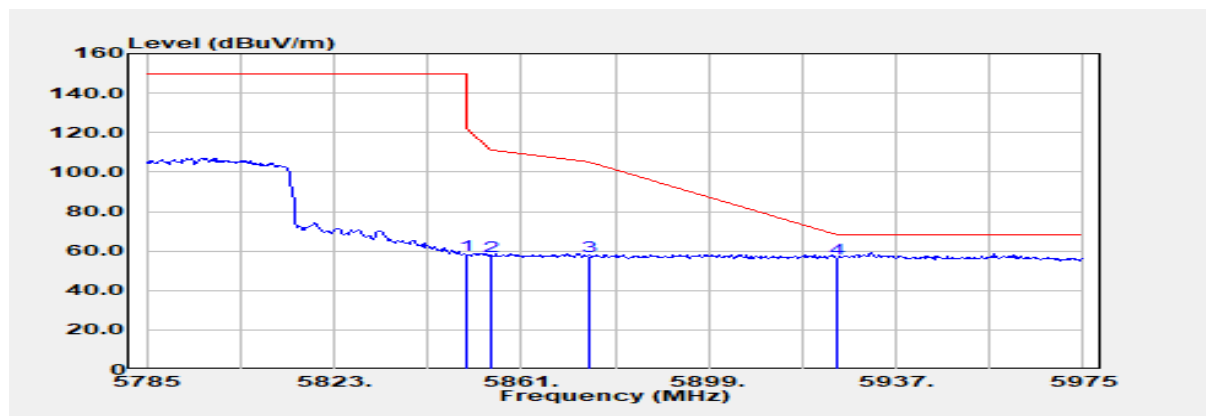
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.000	Peak	43.63	10.51	54.14	68.20	-14.06
5700.000	Peak	54.54	10.41	64.94	105.20	-40.26
5720.000	Peak	59.69	10.76	70.45	110.80	-40.35
5725.000	Peak	59.95	10.62	70.57	122.20	-51.63

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax40 / Band 4	Test Date	:2021-02-09
Test Frequency	:5795 MHz	Temp./Humi.	:23.4/68
Test Mode	:BE CH HIGH FULL RU	Antenna Pol.	:Vertical
EUT Pol	:E2 Plan	Engineer	:Enzo Chang



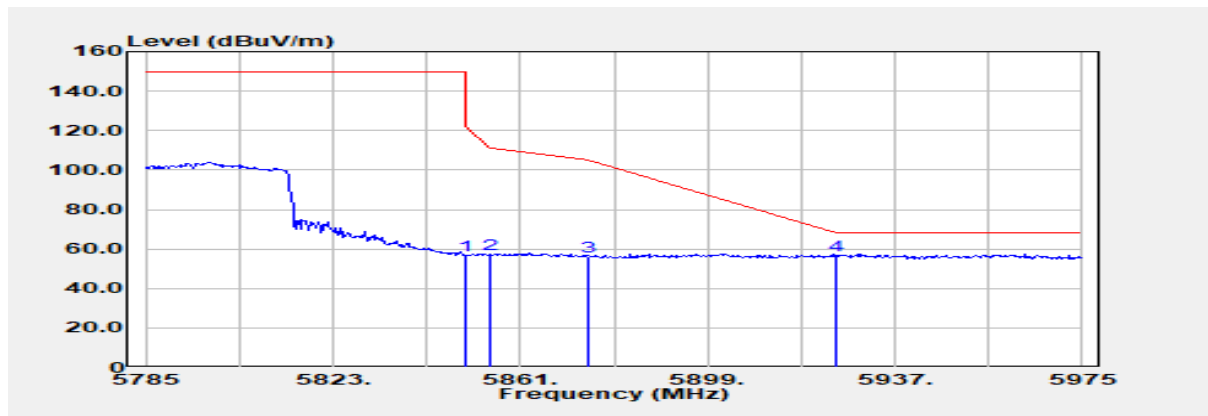
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	46.64	11.31	57.95	122.20	-64.25
5855.000	Peak	45.55	11.61	57.16	110.80	-53.64
5875.000	Peak	45.26	12.08	57.34	105.20	-47.86
5925.000	Peak	43.32	12.98	56.30	68.20	-11.90

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax40 / Band 4	Test Date	:2021-02-09
Test Frequency	:5795 MHz	Temp./Humi.	:23.4/68
Test Mode	:BE CH HIGH FULL RU	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plan	Engineer	:Enzo Chang



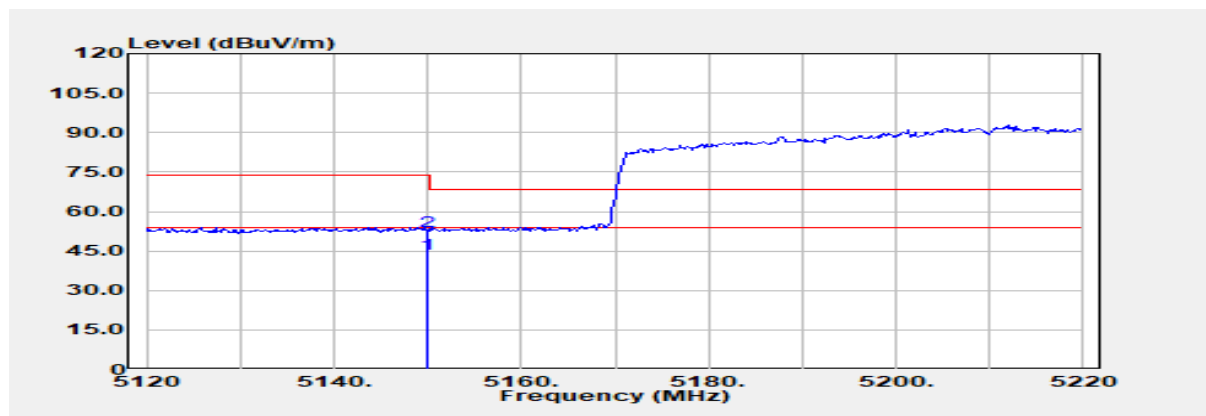
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	45.63	11.31	56.94	122.20	-65.26
5855.000	Peak	45.51	11.61	57.12	110.80	-53.68
5875.000	Peak	44.07	12.08	56.15	105.20	-49.05
5925.000	Peak	43.77	12.98	56.76	68.20	-11.44

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax80 / Band 1	Test Date	:2021-02-09
Test Frequency	:5210 MHz	Temp./Humi.	:22.8/61
Test Mode	:BE CH LOW FULL RU	Antenna Pol.	:Vertical
EUT Pol	:E2 Plan	Engineer	:Enzo Chang



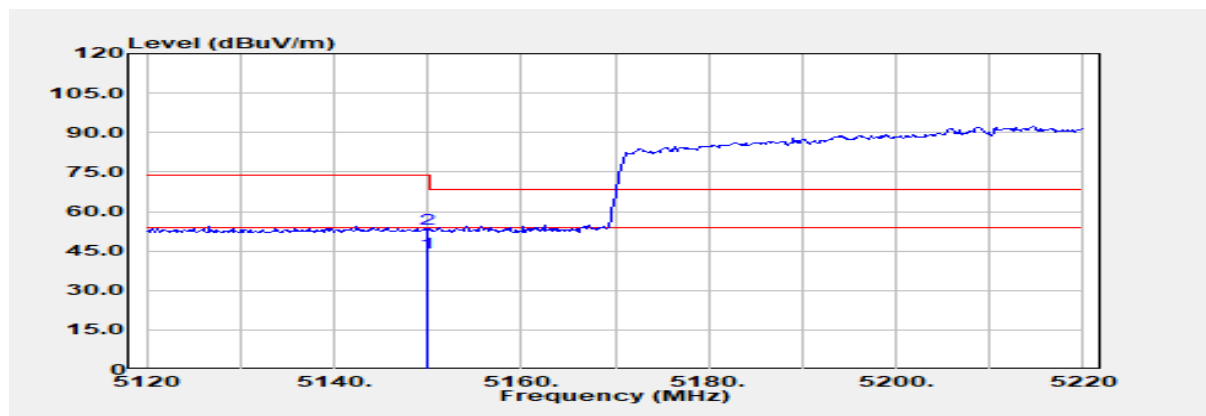
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5150.000	Average	33.34	10.50	43.84	54.00	-10.16
5150.000	Peak	42.13	10.50	52.63	74.00	-21.37

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax80 / Band 1	Test Date	:2021-02-09
Test Frequency	:5210 MHz	Temp./Humi.	:22.8/61
Test Mode	:BE CH LOW FULL RU	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plan	Engineer	:Enzo Chang



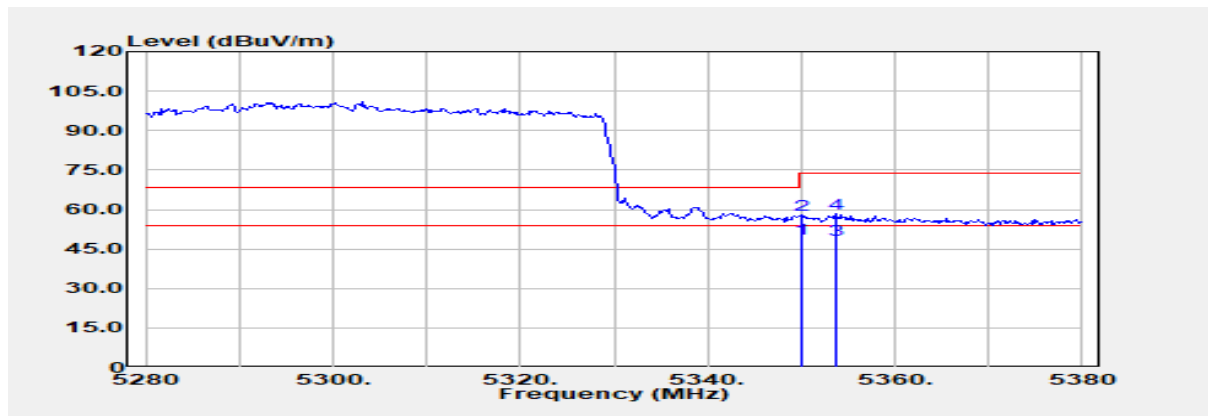
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5150.000	Average	33.83	10.50	44.33	54.00	-9.67
5150.000	Peak	42.94	10.50	53.44	74.00	-20.56

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax80 / Band 2	Test Date	:2021-02-09
Test Frequency	:5290 MHz	Temp./Humi.	:22.8/61
Test Mode	:BE CH HIGH FULL RU	Antenna Pol.	:Vertical
EUT Pol	:E2 Plan	Engineer	:Enzo Chang



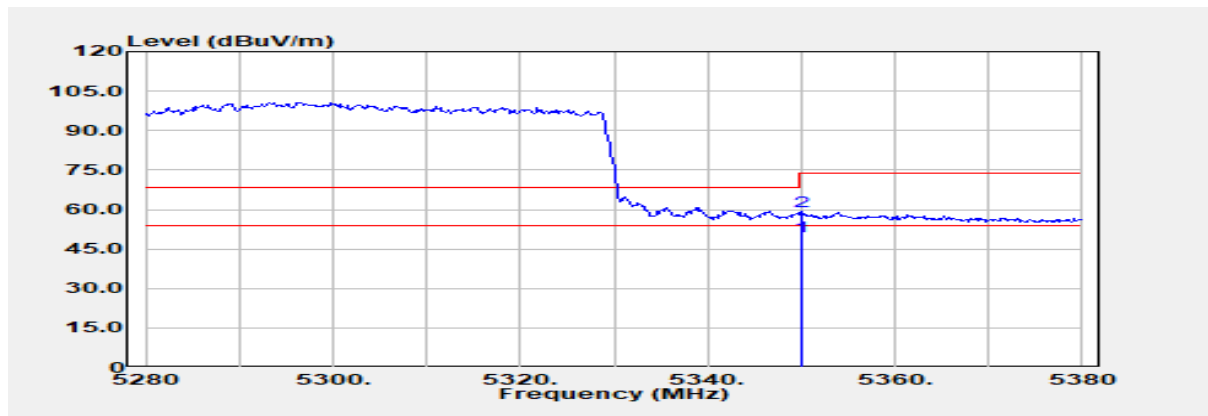
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	37.47	11.54	49.01	54.00	-4.99
5350.000	Peak	46.22	11.54	57.76	74.00	-16.24
5353.718	Average	36.92	11.57	48.49	54.00	-5.51
5353.718	Peak	46.81	11.57	58.38	74.00	-15.62

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax80 / Band 2	Test Date	:2021-02-09
Test Frequency	:5290 MHz	Temp./Humi.	:22.8/61
Test Mode	:BE CH HIGH FULL RU	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plan	Engineer	:Enzo Chang



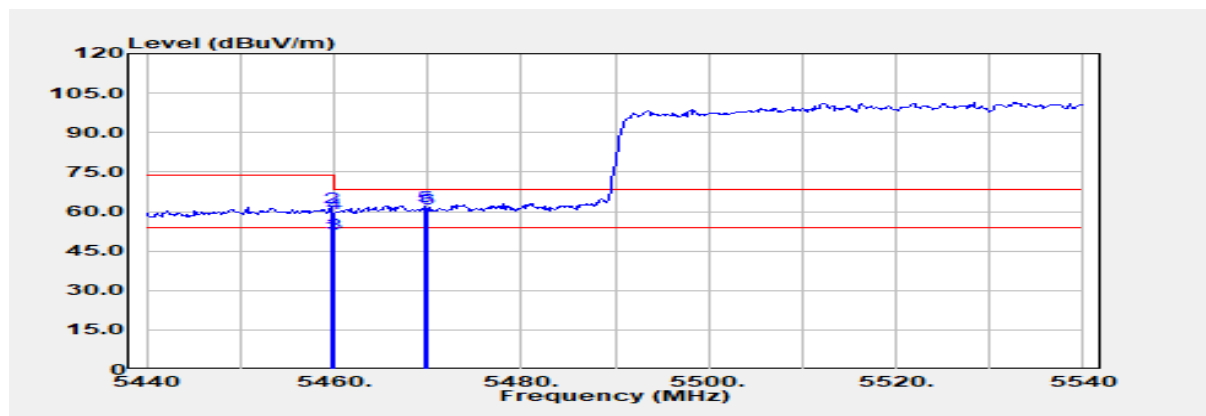
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5350.000	Average	38.46	11.54	50.00	54.00	-4.00
5350.000	Peak	47.99	11.54	59.52	74.00	-14.48

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax80 / Band 3	Test Date	:2021-01-27
Test Frequency	:5530 MHz	Temp./Humi.	:20.9/65
Test Mode	:BE CH LOW FULL RU	Antenna Pol.	:Vertical
EUT Pol	:E2 Plan	Engineer	:Enzo Chang



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5459.711	Average	39.65	11.68	51.33	54.00	-2.67
5459.711	Peak	49.92	11.68	61.59	74.00	-12.41
5460.000	Average	39.84	11.66	51.50	54.00	-2.50
5460.000	Peak	47.50	11.66	59.17	74.00	-14.83
5469.808	Peak	50.28	11.73	62.01	68.20	-6.19
5470.000	Peak	49.35	11.73	61.08	68.20	-7.12

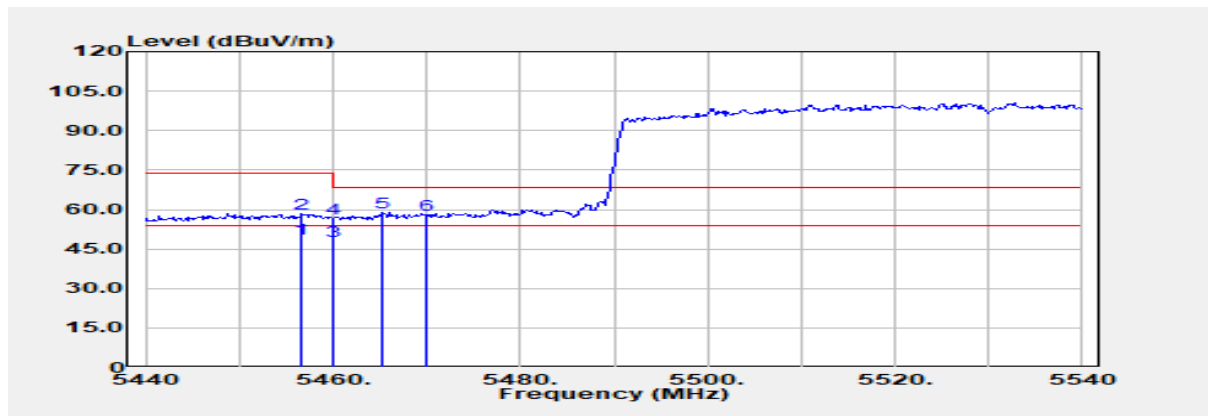
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Report Number :E2/2020/C0053
Operation Mode :802.11ax80 / Band 3
Test Frequency :5530 MHz
Test Mode :BE CH LOW FULL RU
EUT Pol :E2 Plan

Test Site :966 Chamber C
Test Date :2021-01-27
Temp./Humi. :20.9/65
Antenna Pol. :Horizontal
Engineer :Enzo Chang



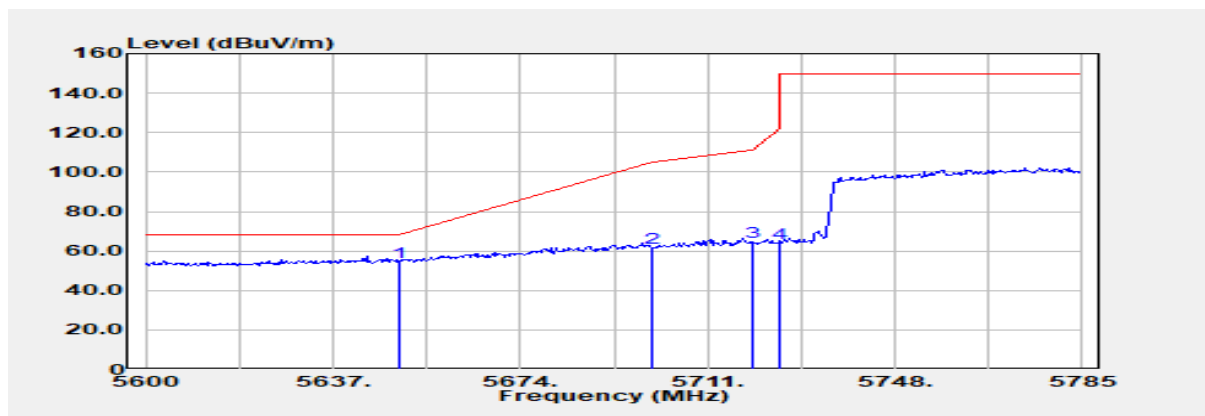
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5456.667	Average	37.21	11.84	49.05	54.00	-4.95
5456.667	Peak	46.64	11.84	58.48	74.00	-15.52
5460.000	Average	36.49	11.66	48.15	54.00	-5.85
5460.000	Peak	45.02	11.66	56.69	74.00	-17.31
5465.320	Peak	47.32	11.70	59.02	68.20	-9.18
5470.000	Peak	46.36	11.73	58.09	68.20	-10.11

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax80 / Band 4	Test Date	:2021-02-09
Test Frequency	:5775 MHz	Temp./Humi.	:22.8/61
Test Mode	:BE CH LOW FULL RU	Antenna Pol.	:Vertical
EUT Pol	:E2 Plan	Engineer	:Enzo Chang



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	43.66	10.51	54.17	68.20	-14.03
5700.000	Peak	51.42	10.41	61.83	105.20	-43.37
5720.000	Peak	54.00	10.76	64.76	110.80	-46.04
5725.000	Peak	53.31	10.62	63.93	122.20	-58.27

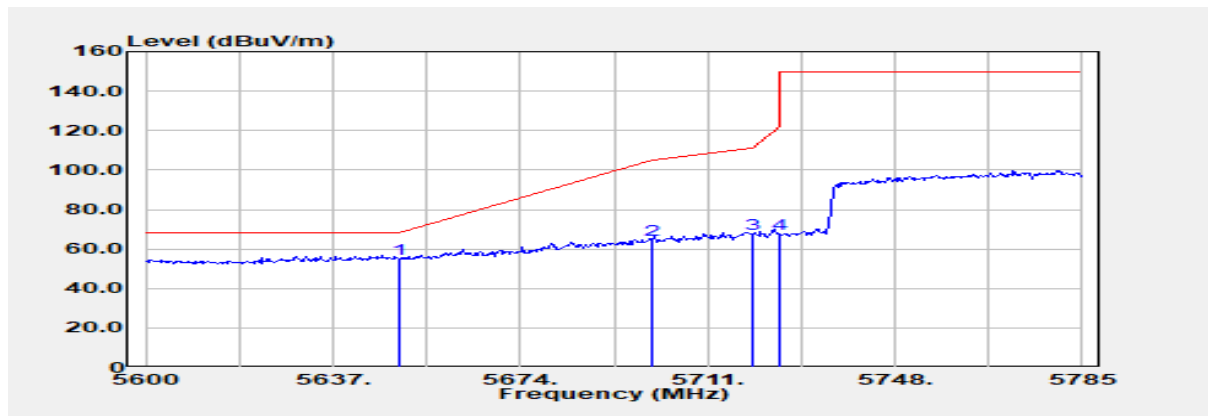
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Report Number :E2/2020/C0053
 Operation Mode :802.11ax80 / Band 4
 Test Frequency :5775 MHz
 Test Mode :BE CH LOW FULL RU
 EUT Pol :E2 Plan

Test Site :966 Chamber C
 Test Date :2021-02-09
 Temp./Humi. :22.8/61
 Antenna Pol. :Horizontal
 Engineer :Enzo Chang



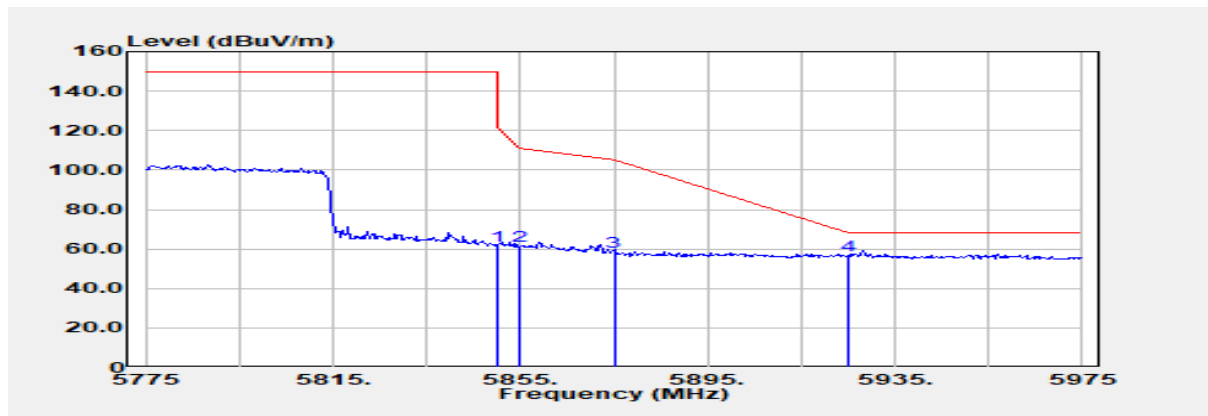
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5650.000	Peak	44.66	10.51	55.17	68.20	-13.03
5700.000	Peak	54.20	10.41	64.60	105.20	-40.60
5720.000	Peak	56.98	10.76	67.74	110.80	-43.06
5725.000	Peak	57.20	10.62	67.82	122.20	-54.38

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax80 / Band 4	Test Date	:2021-02-09
Test Frequency	:5775 MHz	Temp./Humi.	:22.8/61
Test Mode	:BE CH HIGH FULL RU	Antenna Pol.	:Vertical
EUT Pol	:E2 Plan	Engineer	:Enzo Chang



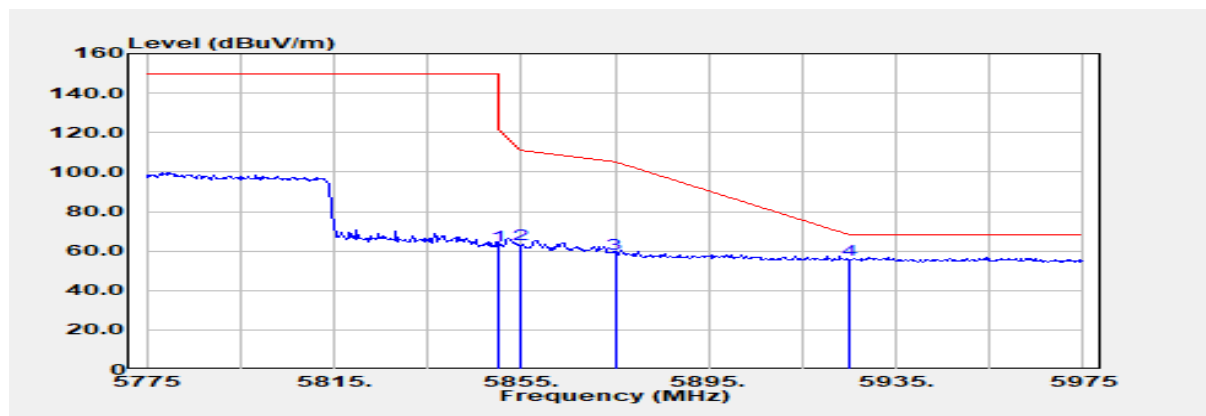
Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
5850.000	Peak	50.36	11.31	61.66	122.20	-60.54
5855.000	Peak	50.03	11.61	61.64	110.80	-49.16
5875.000	Peak	46.34	12.08	58.43	105.20	-46.77
5925.000	Peak	43.73	12.98	56.71	68.20	-11.49

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Report Number	:E2/2020/C0053	Test Site	:966 Chamber C
Operation Mode	:802.11ax80 / Band 4	Test Date	:2021-02-09
Test Frequency	:5775 MHz	Temp./Humi.	:22.8/61
Test Mode	:BE CH HIGH FULL RU	Antenna Pol.	:Horizontal
EUT Pol	:E2 Plan	Engineer	:Enzo Chang



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	51.64	11.31	62.94	122.20	-59.26
5855.000	Peak	51.64	11.61	63.25	110.80	-47.55
5875.000	Peak	46.29	12.08	58.37	105.20	-46.83
5925.000	Peak	42.86	12.98	55.84	68.20	-12.36

~ End of Report ~

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