# ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT

## CLASS II PC REPORT

*OF*

| | |
|---|---|
| **FCC Applicant:** | Acer Incorporated<br>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

***Jay Lin / Asst. Supervisor***

Testing Laboratory
3702

| 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.

# Contents

# 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<br>or 19Vdc from AC/DC Adapter |

## 1.2 Modulation & Data Rate

| | |
|---|---|
| Modulation type: | 64QAM, 16QAM, QPSK, BPSK for OFDM<br>256QAM for OFDM in 802.11ac only<br>1024QAM for OFDMA in 802.11ax only |
| Transistion Rate | 802.11 a: 6.5 – 54 Mbps<br>802.11 n_20MHz: 6.5 – 144.4Mbps<br>802.11 n_40MHz: 13.5 – 300.0Mbps<br>802.11 ac_80MHz: 29.3 – 866.6Mbps<br>802.11 ax_20MHz: 8.6 – 286.8Mbps<br>802.11 ax_40MHz: 17.2 – 573.5Mbps<br>802.11 ax_80MHz: 36.0 – 1201Mbps |

## 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 |

**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 |

## 1.4 FCC

| Wi-Fi | Frequency Range | Channels | Rated Power(Avg) (dBm) (Worst Case) | Modulation Technology |
|---|---|---|---|---|
| a<br>n_HT<br>ac_VHT<br>ax_HE<br>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<br>ac_VHT<br>ax_HE<br>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<br>ax_HE<br>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 |

## 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.

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

## 2.4 Measurement Results Explanation Example

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

Radiated emission below 30MHz is measured in a 9m*9m*6m semi-anechoic chamber, the measurements correspond to those obtained at an open-field test site.
There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

### 2.4.2 For all conducted test items:

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

## 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 |

# 3 SUMMARY OF TEST RESULT

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

# 4 DESCRIPTION OF TEST MODES

## 4.1 Operating in U-NII Bands

**Operated band in 5150 MHz ~5250 MHz:**

| 20 M | |
|---|---|
| CH | Freq (MHz) |
| 36 | 5180 |
| 40 | 5200 |
| 44 | 5220 |
| 48 | 5240 |

| 40 M | |
|---|---|
| CH | Freq (MHz) |
| 38 | 5190 |
| 46 | 5230 |

| 80 M | |
|---|---|
| CH | Freq (MHz) |
| 42 | 5210 |

**Operated band in 5250 MHz ~5350 MHz:**

| 20 M | |
|---|---|
| CH | Freq (MHz) |
| 52 | 5260 |
| 56 | 5280 |
| 60 | 5300 |
| 64 | 5320 |

| 40 M | |
|---|---|
| CH | Freq (MHz) |
| 54 | 5270 |
| 62 | 5310 |

| 80 M | |
|---|---|
| CH | Freq (MHz) |
| 58 | 5290 |

| 160 M | |
|---|---|
| CH | Freq (MHz) |
| 50 | 5250 |

**Operated band in 5470 MHz ~5725 MHz:**

| 20 M | |
|---|---|
| CH | Freq (MHz) |
| 100 | 5500 |
| 104 | 5520 |
| 108 | 5540 |
| 112 | 5560 |
| 116 | 5580 |
| 120 | 5600 |
| 124 | 5620 |
| 128 | 5640 |
| 132 | 5660 |
| 136 | 5680 |
| 140 | 5700 |

| 40 M | |
|---|---|
| CH | Freq (MHz) |
| 102 | 5510 |
| 110 | 5550 |
| 118 | 5590 |
| 126 | 5630 |
| 134 | 5670 |

| 80 M | |
|---|---|
| CH | Freq (MHz) |
| 106 | 5530 |
| 122 | 5610 |
| 138 | 5690 |

| 160 M | |
|---|---|
| CH | Freq (MHz) |
| 114 | 5570 |

**Operated band in 5745 MHz ~5850 MHz:**

| 20 M | |
|---|---|
| CH | Freq (MHz) |
| 149 | 5745 |
| 153 | 5765 |
| 157 | 5785 |
| 161 | 5805 |
| 165 | 5825 |

| 40 M | |
|---|---|
| CH | Freq (MHz) |
| 151 | 5755 |
| 159 | 5795 |

| 80 M | |
|---|---|
| CH | Freq (MHz) |
| 155 | 5775 |

## 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 |

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

| 802.11ax | 20MHz | | | |
|---|---|---|---|---|
| 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 | | |

| 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.

### 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.

### 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 | FRE-QUENCY BAND (MHz) | AVAILA-BLE CHANNEL | TESTED CHANNEL | MODULA-TION | RU CONFIGU-RATION | 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 | | | | |

# 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 ℃ |
| 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.

# 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. | | | |

***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.

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

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

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

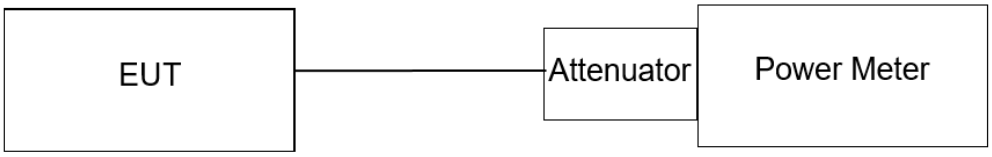
## 6.2 Measurement Procedure

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

## 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 | PASTERNACK | 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 |

**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 |

# 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 |

**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 |

# 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)<br>RSS-247 §6.2.1.2 | PK: -27 (dBm/MHz) | PK: 68.3 (dBμV/m) |
| 15.407(b)(2)<br>RSS-247 §6.2.2.2 | | |
| 15.407(b)(3)<br>RSS-247 §6.2.3.2 | | |
| 15.407(b)(4)(i)<br>RSS-247 §6.2.4.2 | PK:-27 (dBm/MHz) *1<br>PK:10 (dBm/MHz) *2<br>PK:15.6 (dBm/MHz) *3<br>PK:27 (dBm/MHz) *4 | PK: 68.2(dBμV/m) *1<br>PK:105.2 (dBμV/m) *2<br>PK: 110.8(dBμV/m) *3<br>PK:122.2 (dBμV/m) *4 |
| *1 beyond 75 MHz or more above of the bandedge.<br>*2 below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above.<br>*3 below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above.<br>*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*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.*

### 7.1.2 Spurious Emission

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

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

***Note:***

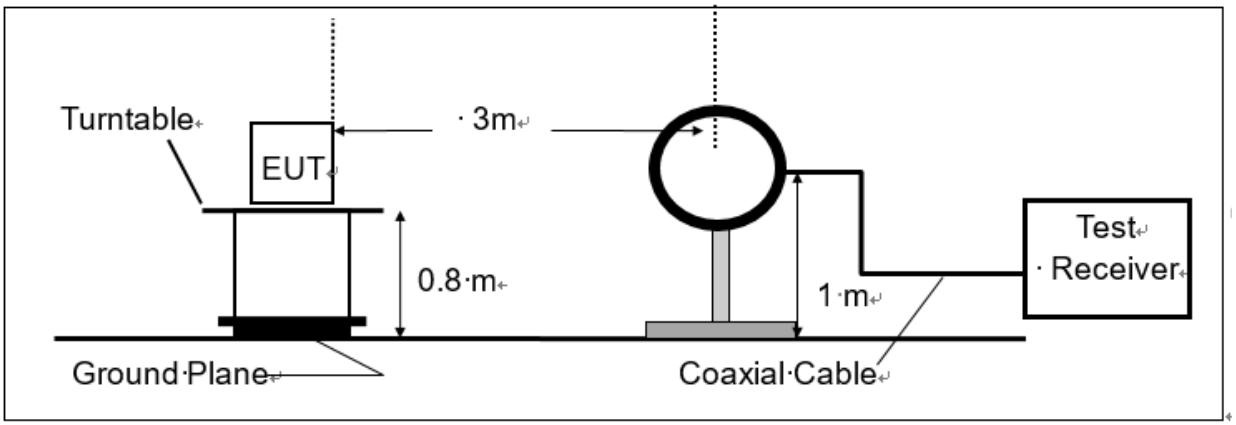
1. *The lower limit shall apply at the transition frequencies.*
2. *Emission level (dBμV/m) = 20 log Emission level (μV/m)*

## 7.2 Measurement Equipment Used

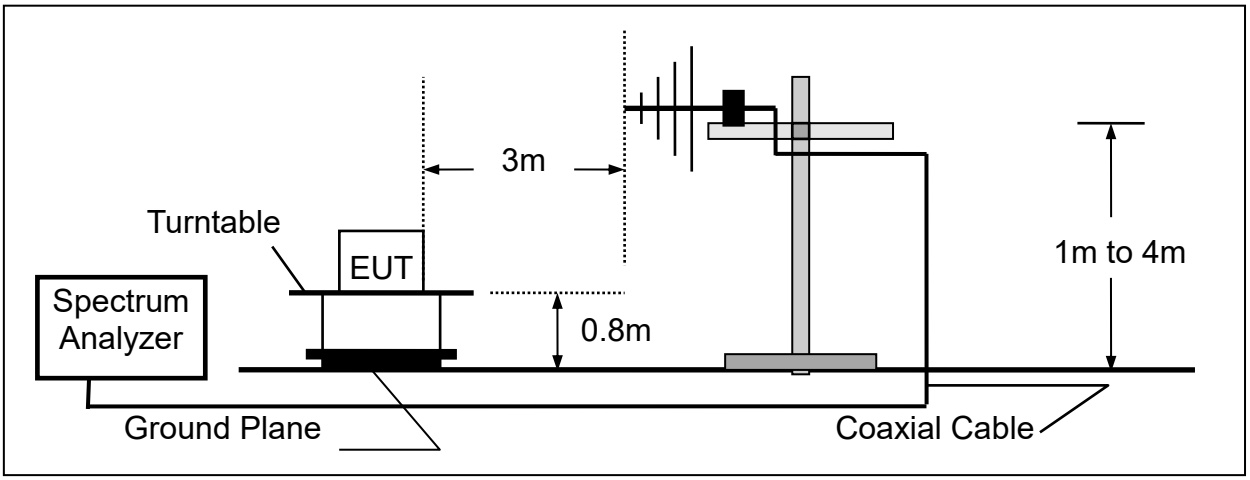
| Radiated Emission Test Site: SAC C | | | | | |
|---|---|---|---|---|---|
| **Name of Equipment** | **Manufacturer** | **Model** | **Serial Number** | **Calibration Date** | **Calibration Due** |
| Horn Antenna | Schwarzbeck | BBHA9170 | 185 | 07/30/2020 | 07/29/2021 |
| Horn Antenna | Schwarzbeck | 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 |

## 7.3 Test SET-UP

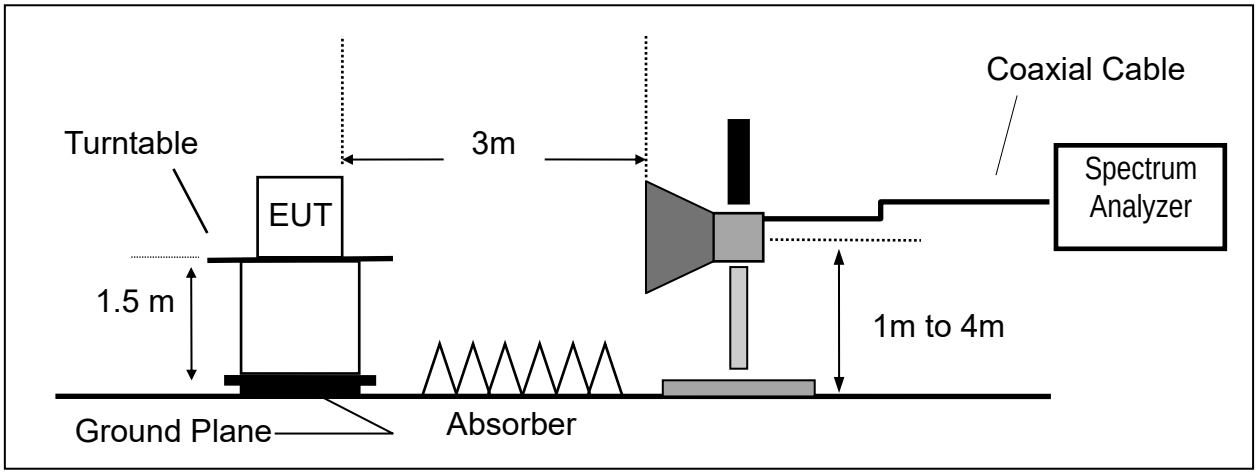
(A) Radiated Emission Test Set-UP Frequency Below 30MHz.




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




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



## 7.4 Measurement Procedure

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

## 7.5 Field Strength Calculation

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

$$FS = RA + AF + CL – AG$$

***Where*** *FS = Field Strength* *CL = Cable Attenuation Factor (Cable Loss)*
*RA = Reading Amplitude* *AG = Amplifier Gain*
*AF = Antenna Factor*

*The limit of the emission level is expressed in dBuV/m, which converts 20*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)*

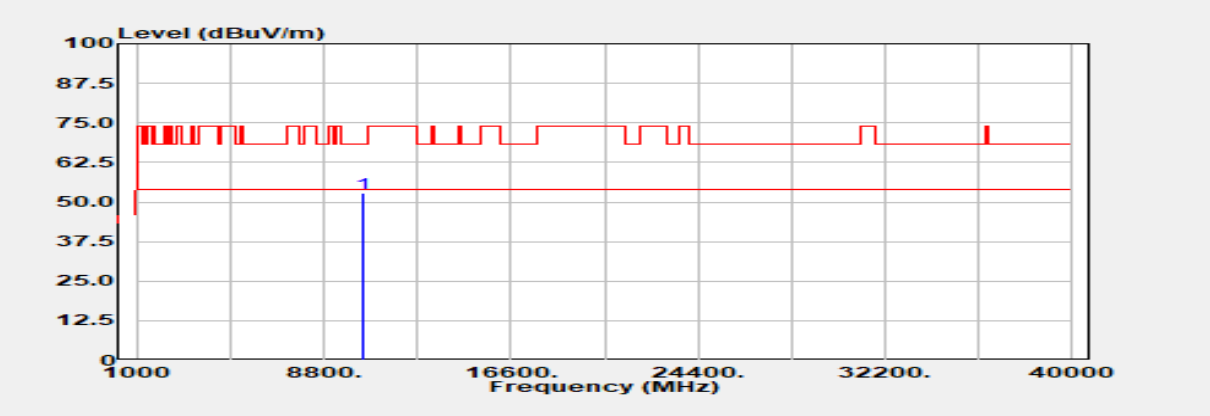
## 7.6 Test Results of Radiated Spurious Emissions form 9 KHz to 30 MHz

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.

## 7.7 Radiated Spurious Emission Measurement Result

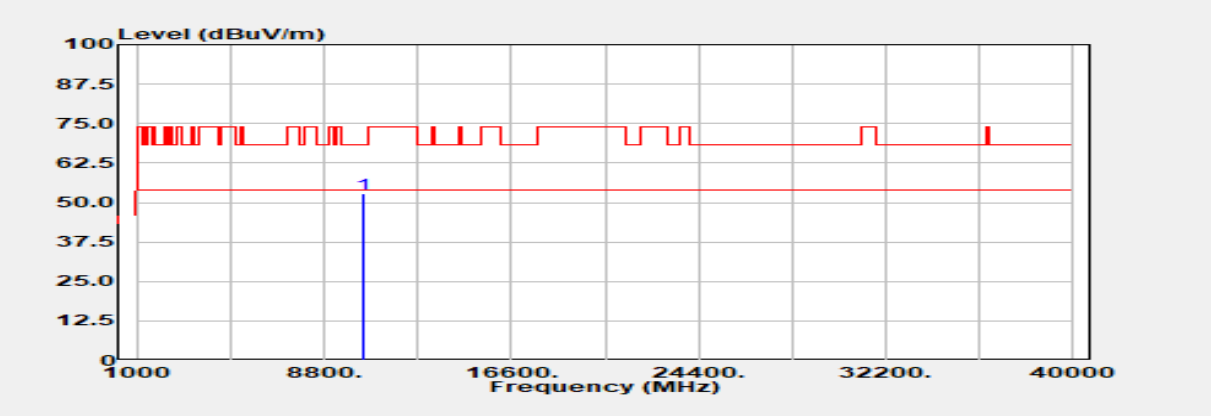
### 7.7.1 Above 1GHz Worst-Case Data:

| | | | |
|---|---|---|---|
| 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 |



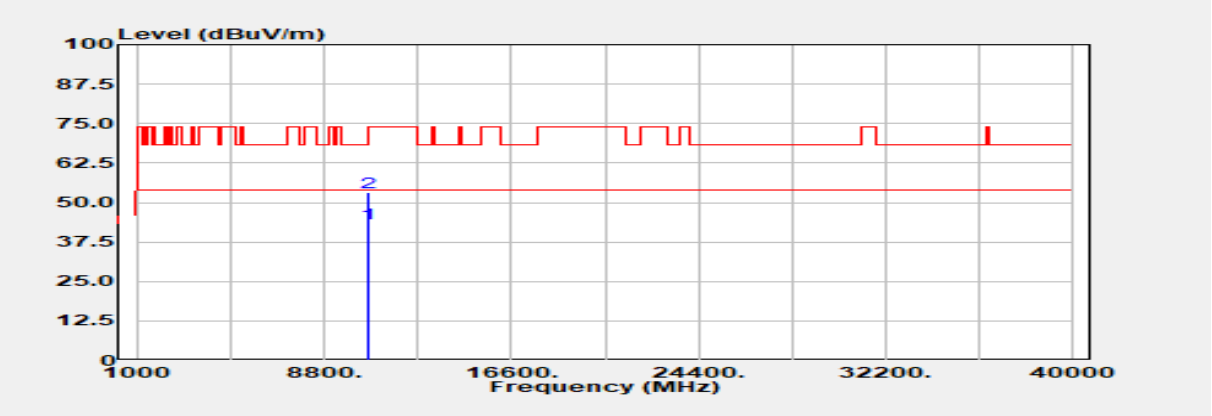

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 10440.000 | Peak | 30.24 | 22.54 | 52.78 | 68.20 | -15.42 |

| | | | |
|---|---|---|---|
| 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. | :Horizontal |
| EUT Pol | :NB Plan | Engineer | :Enzo Chang |



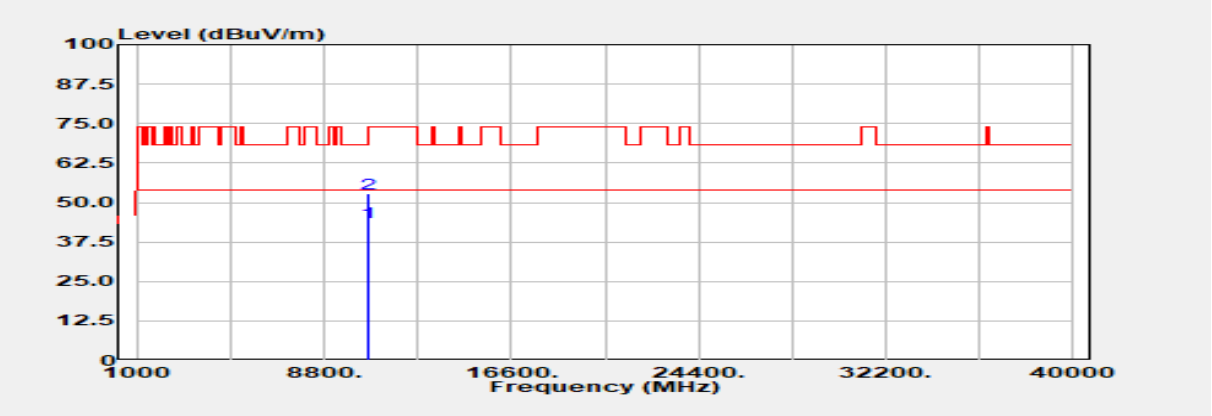

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10440.000 | Peak | 30.19 | 22.54 | 52.73 | 68.20 | -15.47 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11a / Band 2 | Test Date | :2021-02-09 |
| Test Frequency | :5300 MHz | Temp./Humi. | :20.5/53 |
| Test Mode | :TX CH MID | Antenna Pol. | :Vertical |
| EUT Pol | :NB Plan | Engineer | :Enzo Chang |



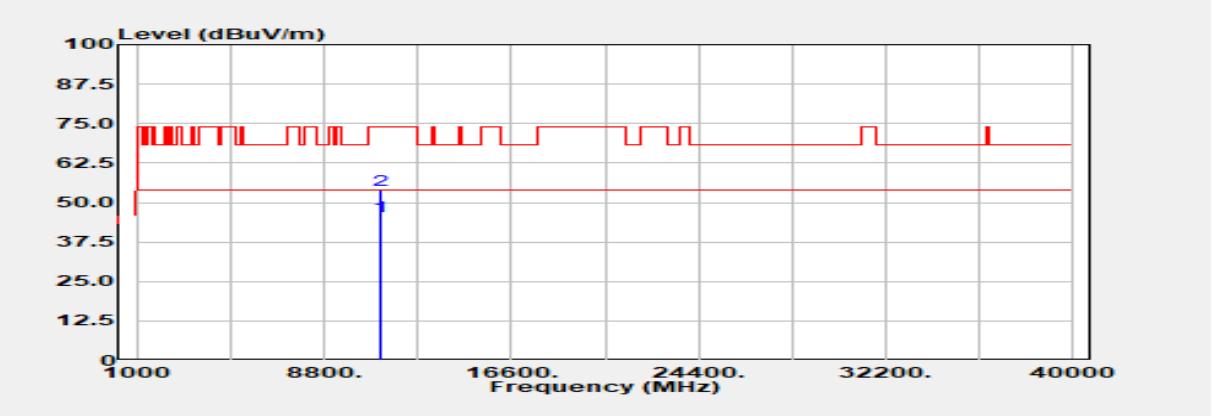

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10600.000 | Average | 20.41 | 23.11 | 43.52 | 54.00 | -10.48 |
| 10600.000 | Peak | 30.00 | 23.11 | 53.12 | 74.00 | -20.88 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11a / Band 2 | Test Date | :2021-02-09 |
| Test Frequency | :5300 MHz | Temp./Humi. | :20.5/53 |
| Test Mode | :TX CH MID | Antenna Pol. | :Horizontal |
| EUT Pol | :NB Plan | Engineer | :Enzo Chang |



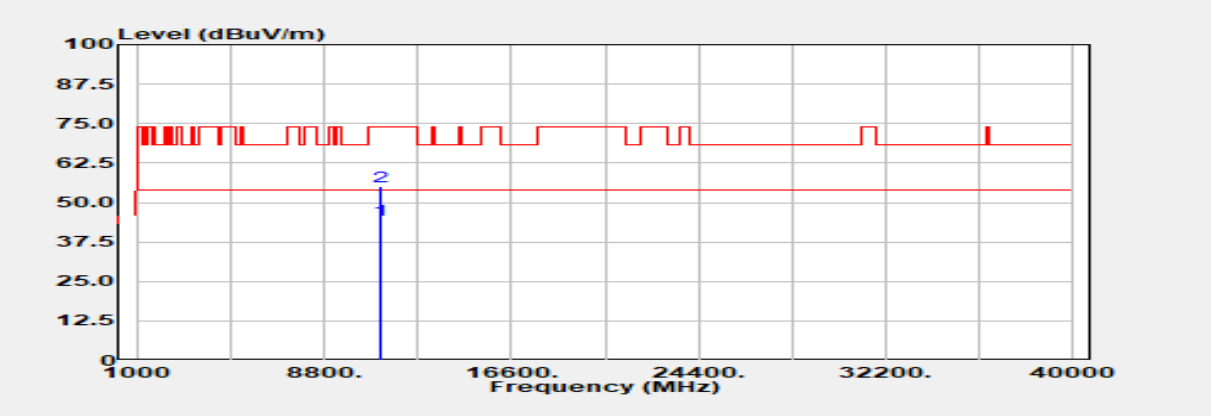

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10600.000 | Average | 20.59 | 23.11 | 43.70 | 54.00 | -10.30 |
| 10600.000 | Peak | 29.58 | 23.11 | 52.70 | 74.00 | -21.30 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11a / Band 3 | Test Date | :2021-02-09 |
| Test Frequency | :5580 MHz | Temp./Humi. | :20.5/53 |
| Test Mode | :TX CH MID | Antenna Pol. | :Vertical |
| EUT Pol | :NB Plan | Engineer | :Enzo Chang |



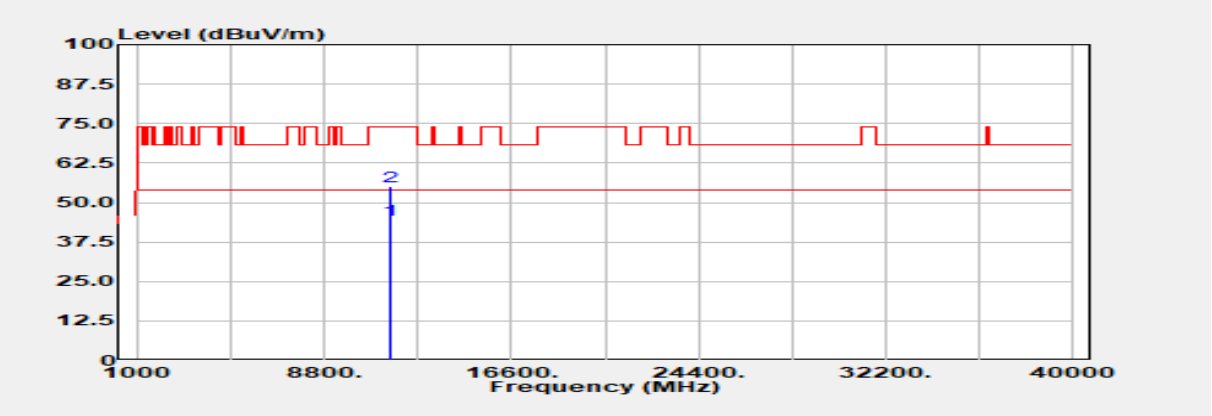

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11160.000 | Average | 21.54 | 24.01 | 45.55 | 54.00 | -8.45 |
| 11160.000 | Peak | 29.95 | 24.01 | 53.96 | 74.00 | -20.04 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11a / Band 3 | Test Date | :2021-02-09 |
| Test Frequency | :5580 MHz | Temp./Humi. | :20.5/53 |
| Test Mode | :TX CH MID | Antenna Pol. | :Horizontal |
| EUT Pol | :NB Plan | Engineer | :Enzo Chang |



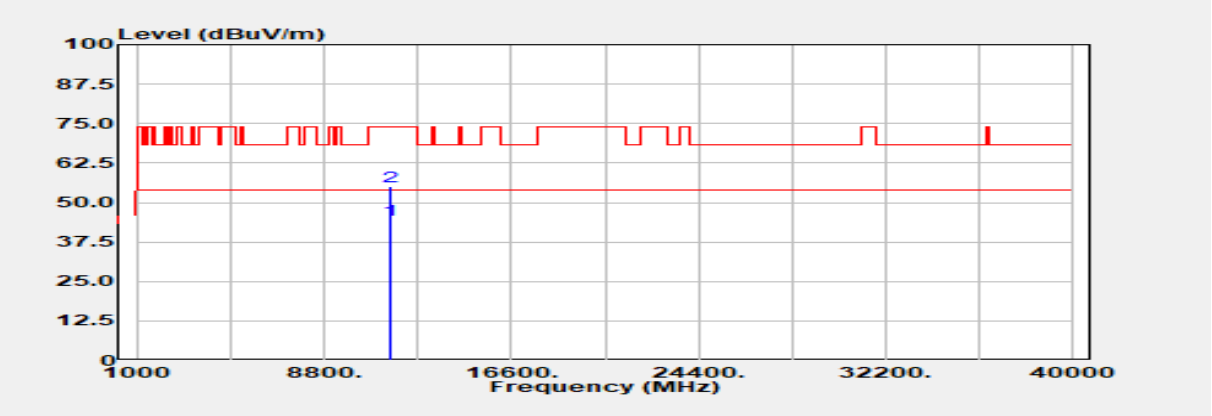

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11160.000 | Average | 20.38 | 24.01 | 44.39 | 54.00 | -9.61 |
| 11160.000 | Peak | 30.97 | 24.01 | 54.99 | 74.00 | -19.01 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11a / Band 4 | Test Date | :2021-02-09 |
| Test Frequency | :5785 MHz | Temp./Humi. | :20.5/53 |
| Test Mode | :TX CH MID | Antenna Pol. | :Vertical |
| EUT Pol | :NB Plan | Engineer | :Enzo Chang |



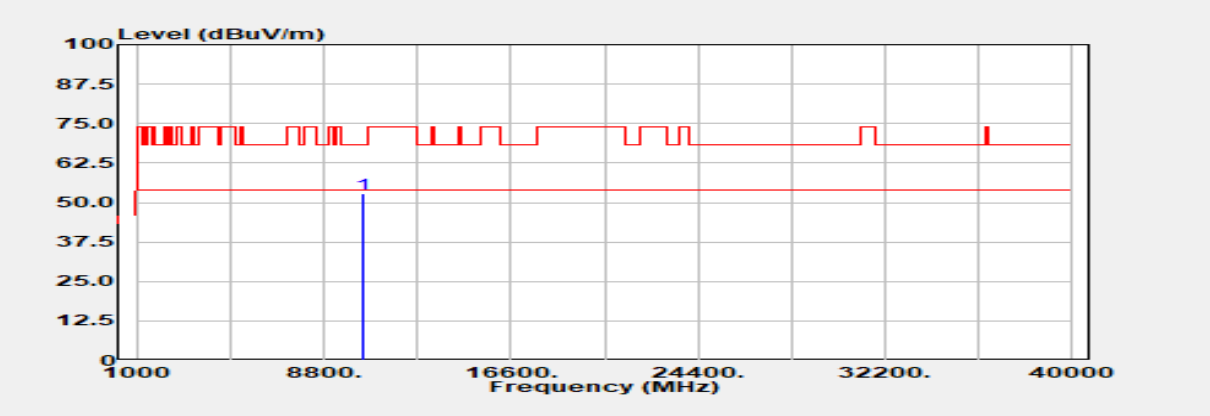

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11570.000 | Average | 20.69 | 23.93 | 44.62 | 54.00 | -9.38 |
| 11570.000 | Peak | 30.98 | 23.93 | 54.92 | 74.00 | -19.08 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11a / Band 4 | Test Date | :2021-02-09 |
| Test Frequency | :5785 MHz | Temp./Humi. | :20.5/53 |
| Test Mode | :TX CH MID | Antenna Pol. | :Horizontal |
| EUT Pol | :NB Plan | Engineer | :Enzo Chang |



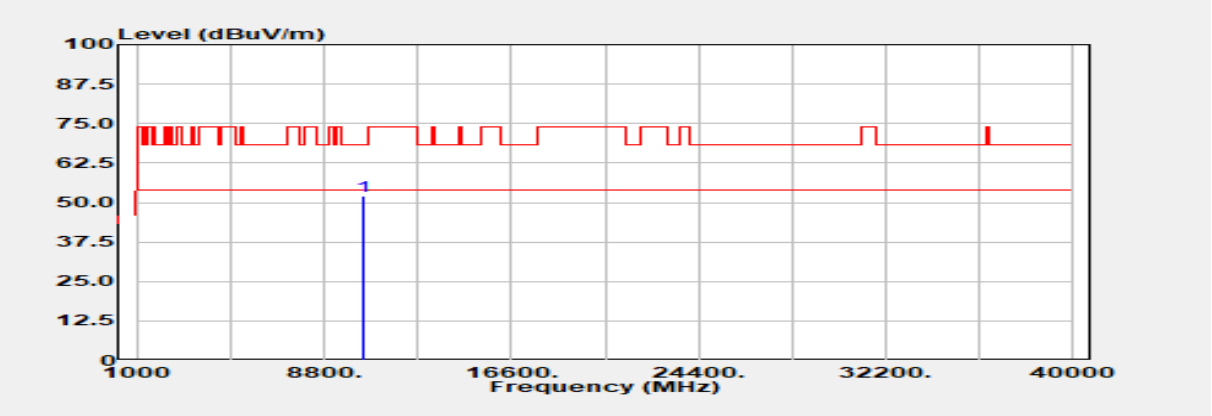

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11570.000 | Average | 20.57 | 23.93 | 44.50 | 54.00 | -9.50 |
| 11570.000 | Peak | 31.21 | 23.93 | 55.14 | 74.00 | -18.86 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11a / Band 1 | Test Date | :2021-01-27 |
| Test Frequency | :5220 MHz | Temp./Humi. | :22.2/63 |
| Test Mode | :TX CH MID | Antenna Pol. | :Vertical |
| EUT Pol | :E2 Plan | Engineer | :Enzo Chang |



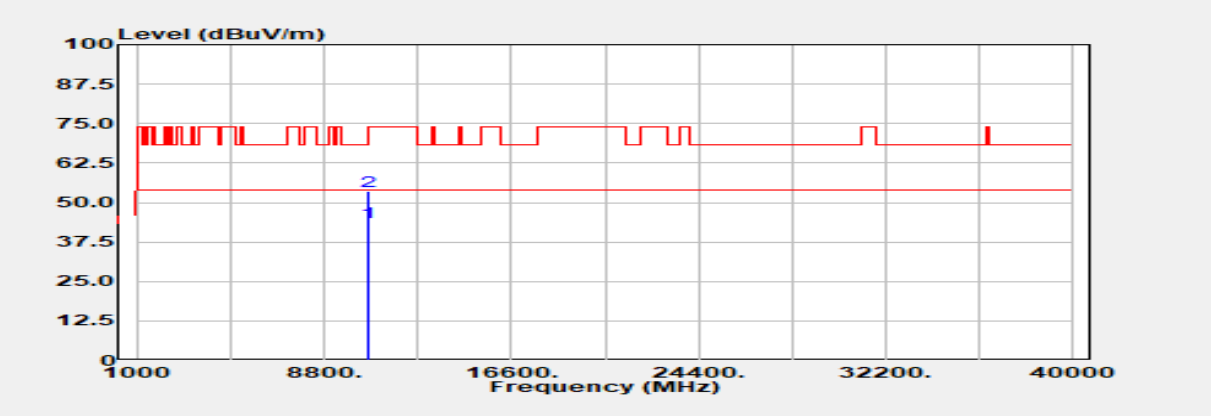

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10440.000 | Peak | 30.26 | 22.54 | 52.80 | 68.20 | -15.40 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11a / Band 1 | Test Date | :2021-01-27 |
| Test Frequency | :5220 MHz | Temp./Humi. | :22.2/63 |
| Test Mode | :TX CH MID | Antenna Pol. | :Horizontal |
| EUT Pol | :E2 Plan | Engineer | :Enzo Chang |



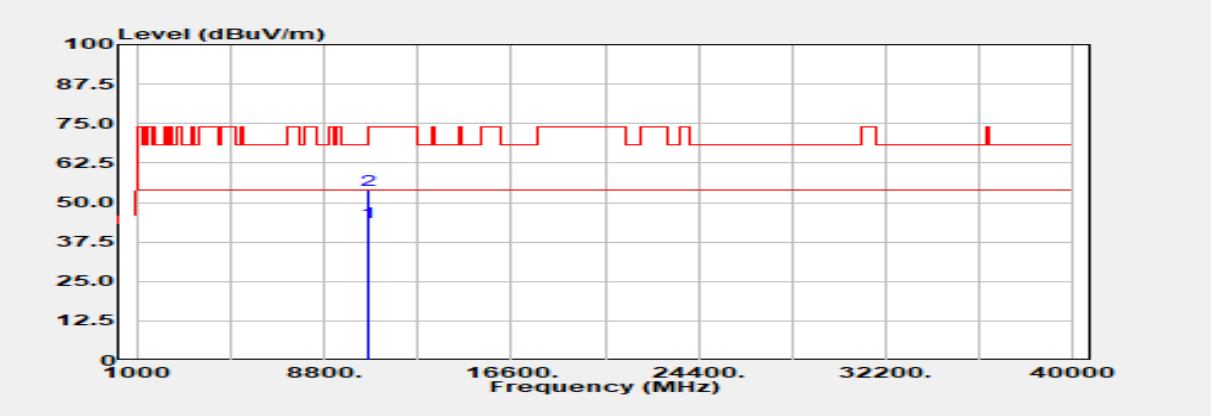

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10440.000 | Peak | 29.46 | 22.54 | 52.00 | 68.20 | -16.20 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11a / Band 2 | Test Date | :2021-02-09 |
| Test Frequency | :5300 MHz | Temp./Humi. | :22.0/62 |
| Test Mode | :TX CH MID | Antenna Pol. | :Vertical |
| EUT Pol | :E2 Plan | Engineer | :Enzo Chang |



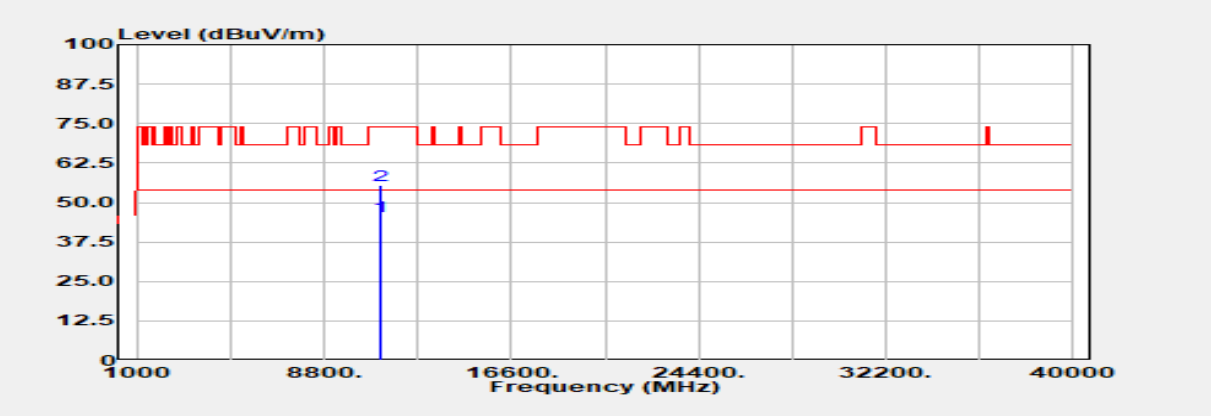

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10600.000 | Average | 20.74 | 23.11 | 43.85 | 54.00 | -10.15 |
| 10600.000 | Peak | 30.50 | 23.11 | 53.62 | 74.00 | -20.38 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11a / Band 2 | Test Date | :2021-02-09 |
| Test Frequency | :5300 MHz | Temp./Humi. | :22.0/62 |
| Test Mode | :TX CH MID | Antenna Pol. | :Horizontal |
| EUT Pol | :E2 Plan | Engineer | :Enzo Chang |



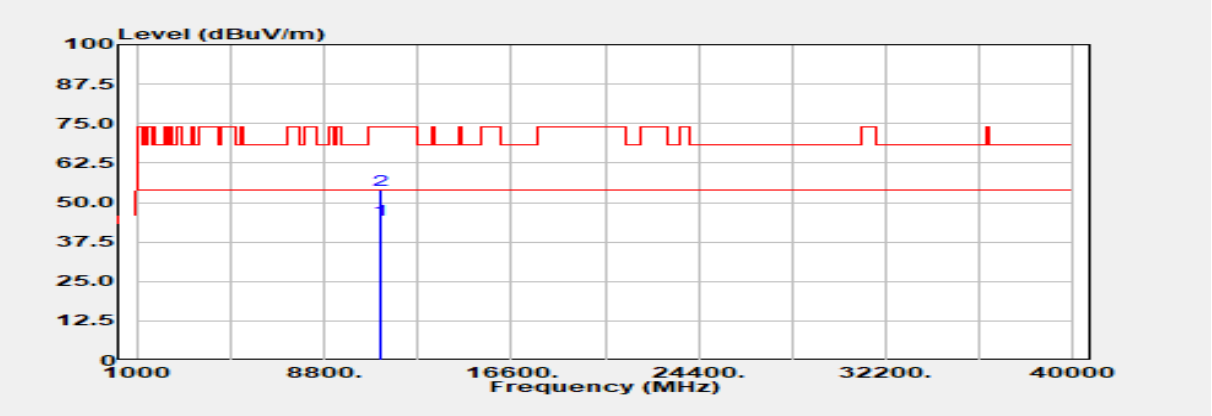

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 10600.000 | Average | 20.53 | 23.11 | 43.64 | 54.00 | -10.36 |
| 10600.000 | Peak | 30.74 | 23.11 | 53.86 | 74.00 | -20.14 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11a / Band 3 | Test Date | :2021-02-09 |
| Test Frequency | :5580 MHz | Temp./Humi. | :22.0/62 |
| Test Mode | :TX CH MID | Antenna Pol. | :Vertical |
| EUT Pol | :E2 Plan | Engineer | :Enzo Chang |



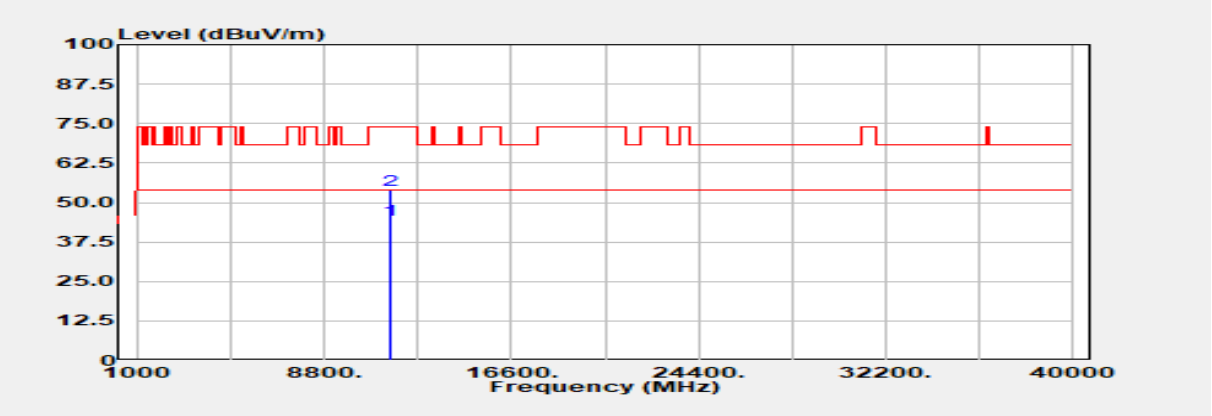

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11160.000 | Average | 21.65 | 24.01 | 45.66 | 54.00 | -8.34 |
| 11160.000 | Peak | 31.35 | 24.01 | 55.36 | 74.00 | -18.64 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11a / Band 3 | Test Date | :2021-02-09 |
| Test Frequency | :5580 MHz | Temp./Humi. | :22.0/62 |
| Test Mode | :TX CH MID | Antenna Pol. | :Horizontal |
| EUT Pol | :E2 Plan | Engineer | :Enzo Chang |



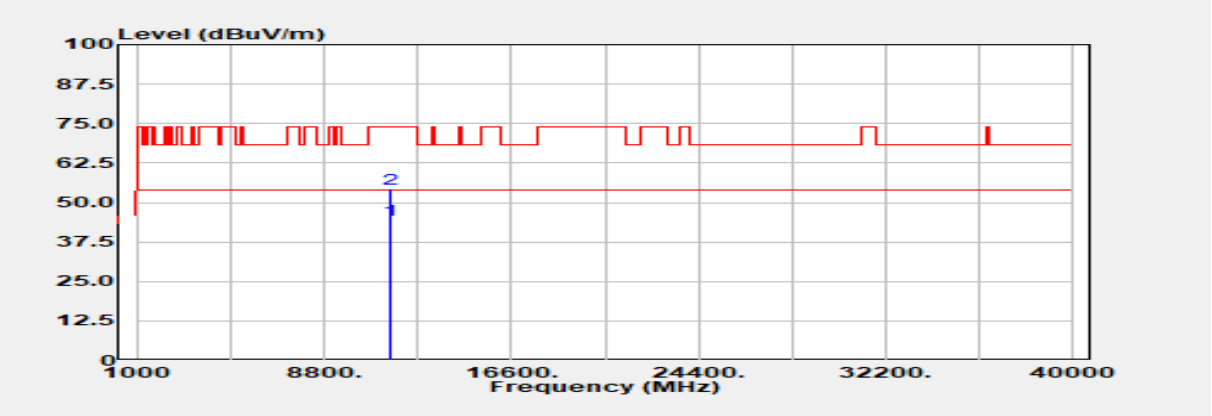

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 11160.000 | Average | 20.43 | 24.01 | 44.44 | 54.00 | -9.56 |
| 11160.000 | Peak | 29.81 | 24.01 | 53.83 | 74.00 | -20.17 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11a / Band 4 | Test Date | :2021-02-09 |
| Test Frequency | :5785 MHz | Temp./Humi. | :22.0/62 |
| Test Mode | :TX CH MID | 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 |
|---|---|---|---|---|---|---|
| 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 |

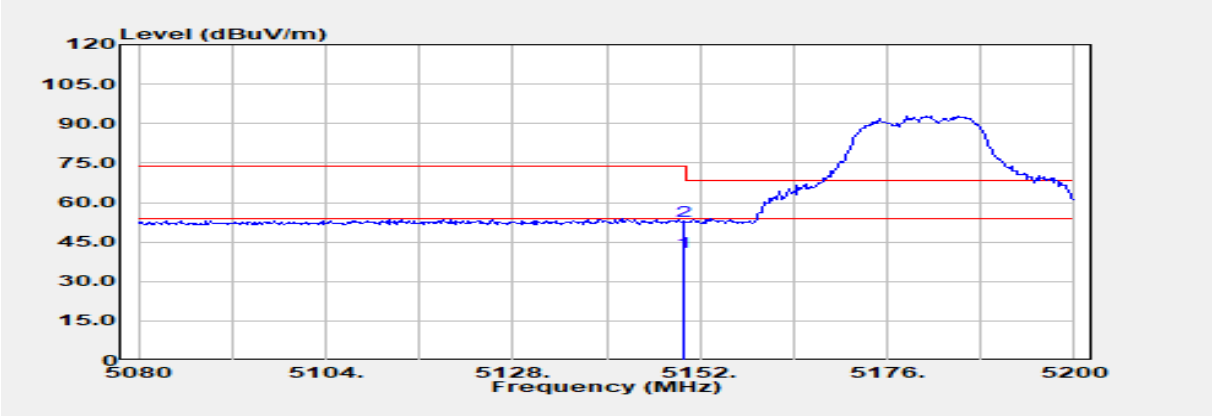
| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11a / Band 4 | Test Date | :2021-02-09 |
| Test Frequency | :5785 MHz | Temp./Humi. | :21.9/64 |
| Test Mode | :TX CH MID | Antenna Pol. | :Horizontal |
| EUT Pol | :E2 Plan | Engineer | :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 |
|---|---|---|---|---|---|---|
| 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 |

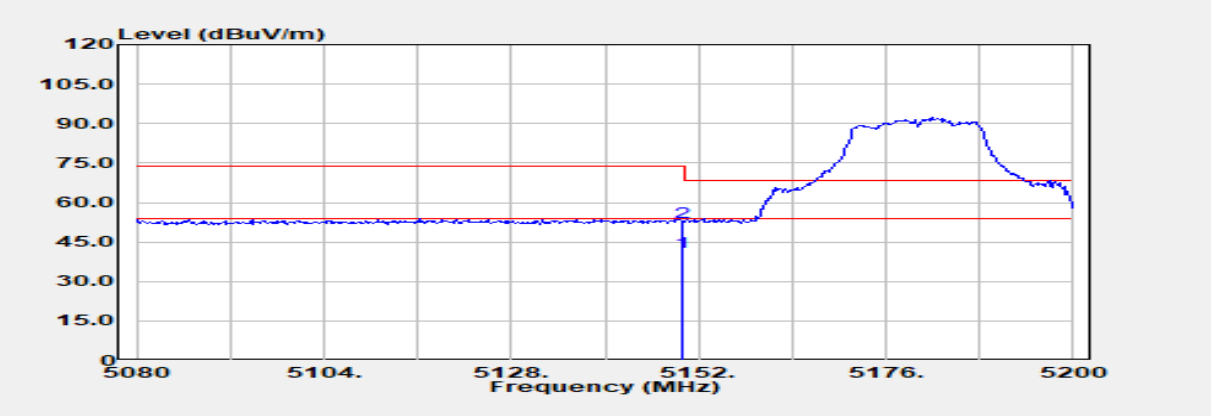
### 7.7.2 Band edge falling to restricted band

| | | | |
|---|---|---|---|
| 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 |



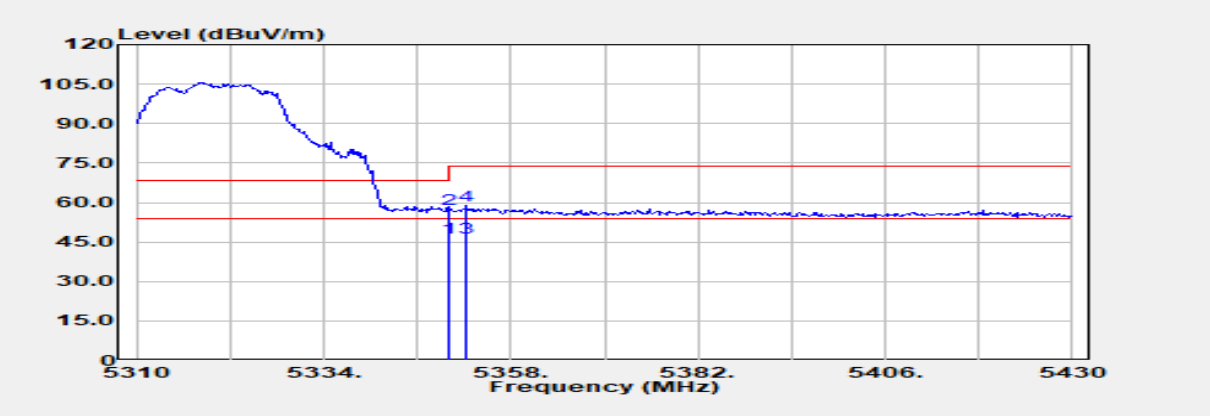

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5150.000 | Average | 30.71 | 10.50 | 41.21 | 54.00 | -12.79 |
| 5150.000 | Peak | 42.41 | 10.50 | 52.91 | 74.00 | -21.09 |

| | | | |
|---|---|---|---|
| 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. | :Horizontal |
| EUT Pol | :NB Plan | Engineer | :Enzo Chang |



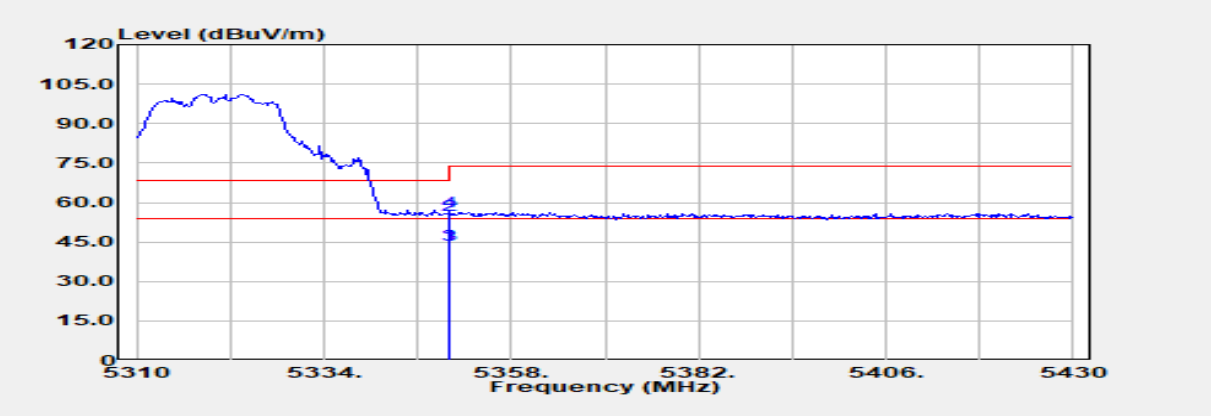

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5150.000 | Average | 30.89 | 10.50 | 41.39 | 54.00 | -12.61 |
| 5150.000 | Peak | 42.23 | 10.50 | 52.73 | 74.00 | -21.27 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11a / Band 2 | Test Date | :2021-02-08 |
| Test Frequency | :5320 MHz | Temp./Humi. | :23.4/52 |
| Test Mode | :BE CH HIGH | Antenna Pol. | :Vertical |
| EUT Pol | :NB Plan | Engineer | :Enzo Chang |



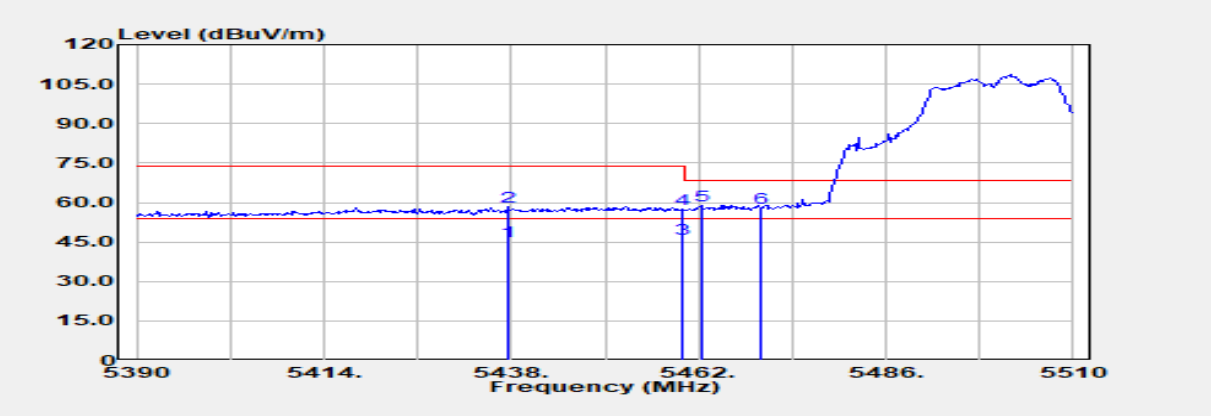

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5350.000 | Average | 35.15 | 11.54 | 46.69 | 54.00 | -7.31 |
| 5350.000 | Peak | 45.77 | 11.54 | 57.30 | 74.00 | -16.70 |
| 5352.308 | Average | 34.92 | 11.56 | 46.48 | 54.00 | -7.52 |
| 5352.308 | Peak | 47.25 | 11.56 | 58.81 | 74.00 | -15.19 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11a / Band 2 | Test Date | :2021-02-08 |
| Test Frequency | :5320 MHz | Temp./Humi. | :23.4/52 |
| Test Mode | :BE CH HIGH | Antenna Pol. | :Horizontal |
| EUT Pol | :NB Plan | Engineer | :Enzo Chang |



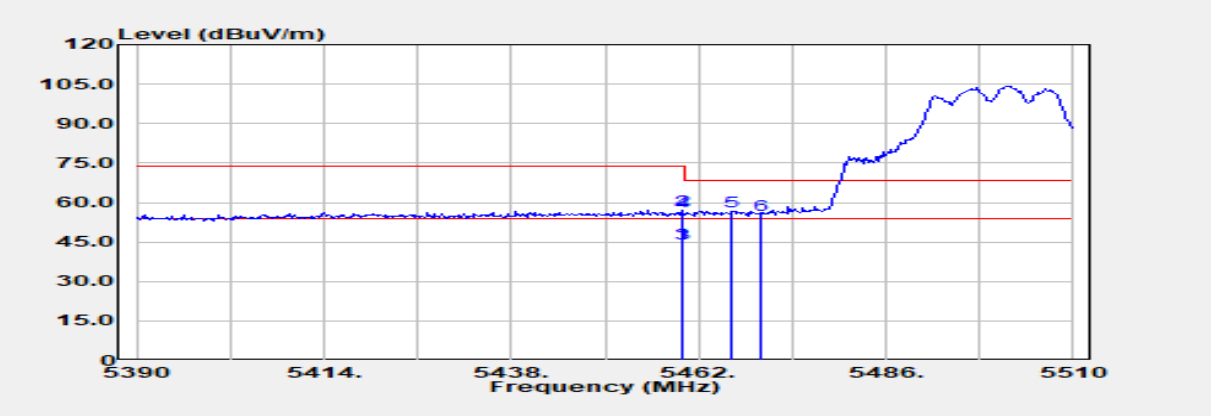

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5350.000 | Average | 32.46 | 11.54 | 44.00 | 54.00 | -10.00 |
| 5350.000 | Peak | 43.81 | 11.54 | 55.35 | 74.00 | -18.65 |
| 5350.192 | Average | 32.49 | 11.54 | 44.03 | 54.00 | -9.97 |
| 5350.192 | Peak | 44.93 | 11.54 | 56.47 | 74.00 | -17.53 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11a / Band 3 | Test Date | :2021-02-08 |
| Test Frequency | :5500 MHz | Temp./Humi. | :23.4/52 |
| Test Mode | :BE CH LOW | Antenna Pol. | :Vertical |
| EUT Pol | :NB Plan | Engineer | :Enzo Chang |



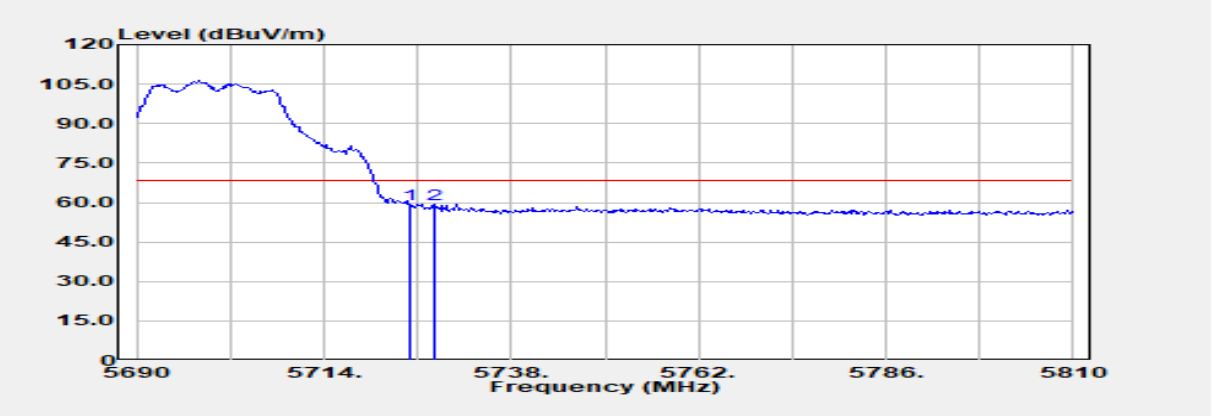

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5437.500 | Average | 33.43 | 11.85 | 45.28 | 54.00 | -8.72 |
| 5437.500 | Peak | 46.48 | 11.85 | 58.33 | 74.00 | -15.67 |
| 5460.000 | Average | 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 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11a / Band 3 | Test Date | :2021-02-08 |
| Test Frequency | :5500 MHz | Temp./Humi. | :23.4/52 |
| Test Mode | :BE CH LOW | Antenna Pol. | :Horizontal |
| EUT Pol | :NB Plan | Engineer | :Enzo Chang |



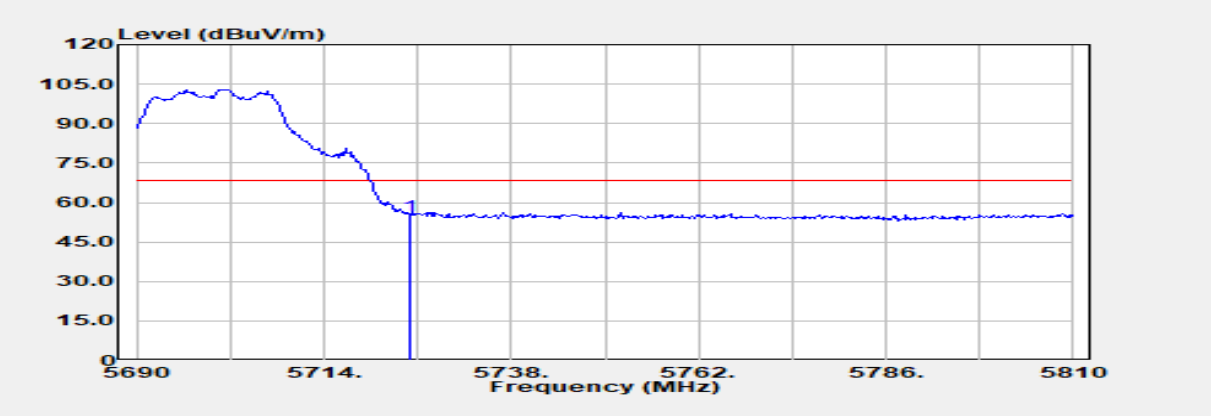

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5459.808 | Average | 32.75 | 11.67 | 44.42 | 54.00 | -9.58 |
| 5459.808 | Peak | 45.26 | 11.67 | 56.94 | 74.00 | -17.06 |
| 5460.000 | Average | 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 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11a / Band 3 | Test Date | :2021-02-08 |
| Test Frequency | :5700 MHz | Temp./Humi. | :23.4/52 |
| Test Mode | :BE CH HIGH | Antenna Pol. | :Vertical |
| EUT Pol | :NB Plan | Engineer | :Enzo Chang |



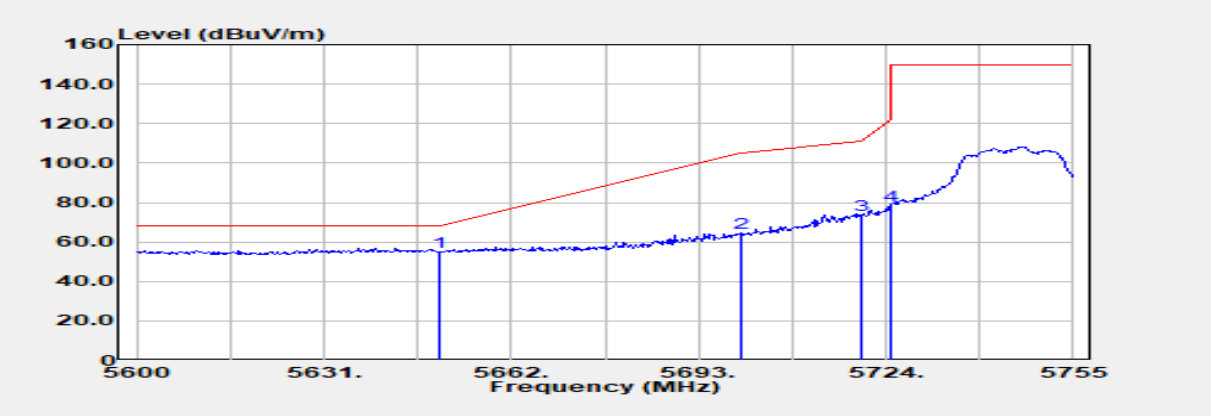

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5725.000 | Peak | 48.66 | 10.62 | 59.28 | 68.20 | -8.92 |
| 5728.269 | Peak | 48.97 | 10.53 | 59.50 | 68.20 | -8.70 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11a / Band 3 | Test Date | :2021-02-08 |
| Test Frequency | :5700 MHz | Temp./Humi. | :23.4/52 |
| Test Mode | :BE CH HIGH | Antenna Pol. | :Horizontal |
| EUT Pol | :NB Plan | Engineer | :Enzo Chang |



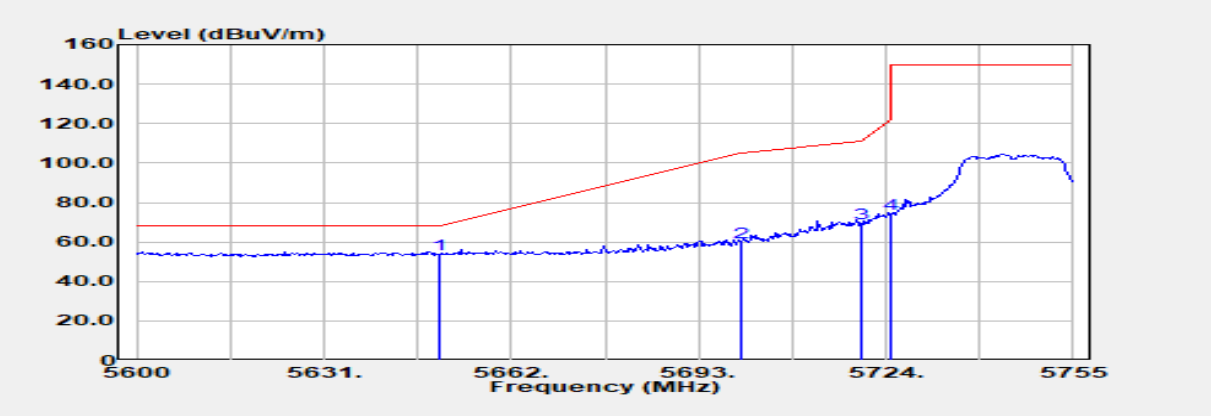

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5725.000 | Peak | 44.43 | 10.62 | 55.05 | 68.20 | -13.15 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11a / Band 4 | Test Date | :2021-02-08 |
| Test Frequency | :5745 MHz | Temp./Humi. | :23.4/52 |
| Test Mode | :BE CH LOW | Antenna Pol. | :Vertical |
| EUT Pol | :NB Plan | Engineer | :Enzo Chang |



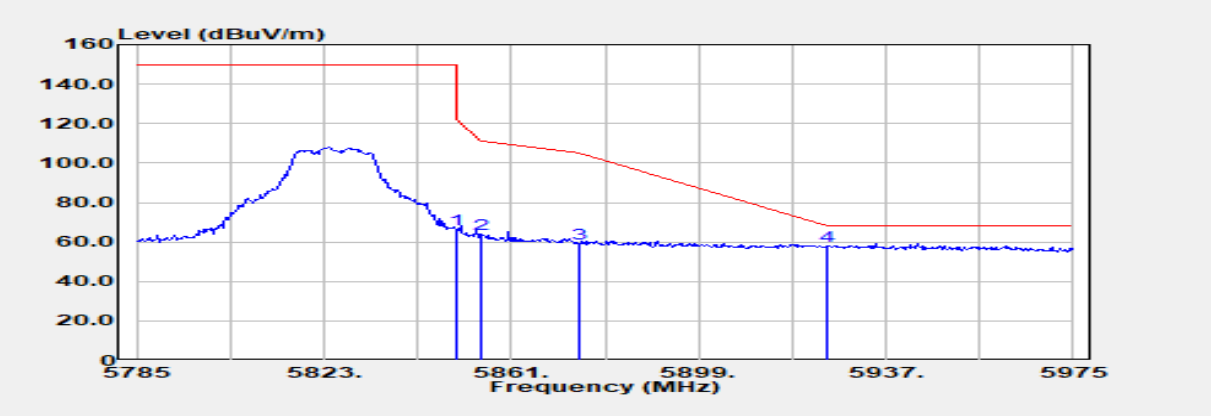

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5650.000 | Peak | 44.42 | 10.51 | 54.92 | 68.20 | -13.28 |
| 5700.000 | Peak | 53.90 | 10.41 | 64.31 | 105.20 | -40.89 |
| 5720.000 | Peak | 62.85 | 10.76 | 73.62 | 110.80 | -37.18 |
| 5725.000 | Peak | 67.86 | 10.62 | 78.48 | 122.20 | -43.72 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11a / Band 4 | Test Date | :2021-02-08 |
| Test Frequency | :5745 MHz | Temp./Humi. | :23.4/52 |
| Test Mode | :BE CH LOW | Antenna Pol. | :Horizontal |
| EUT Pol | :NB Plan | Engineer | :Enzo Chang |



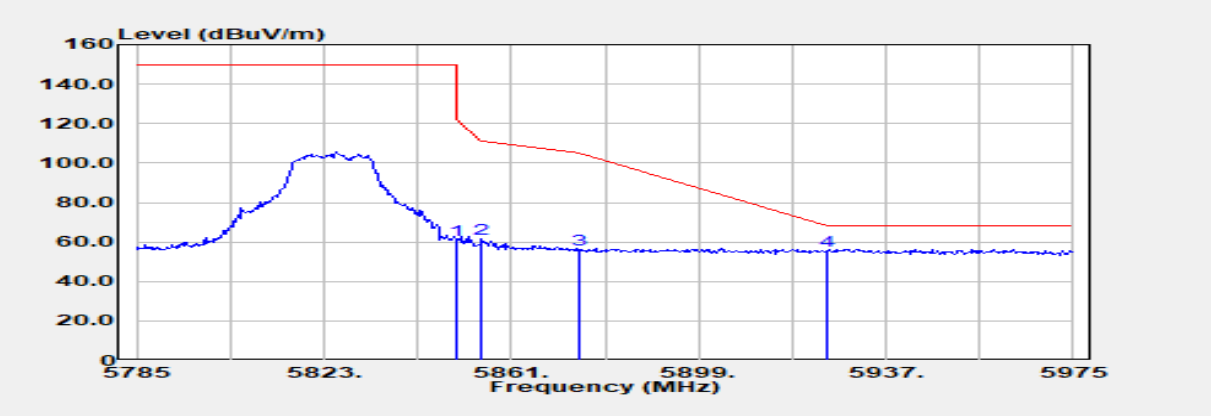

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5650.000 | Peak | 43.51 | 10.51 | 54.02 | 68.20 | -14.18 |
| 5700.000 | Peak | 49.49 | 10.41 | 59.90 | 105.20 | -45.30 |
| 5720.000 | Peak | 58.63 | 10.76 | 69.39 | 110.80 | -41.41 |
| 5725.000 | Peak | 63.88 | 10.62 | 74.50 | 122.20 | -47.70 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11a / Band 4 | Test Date | :2021-02-08 |
| Test Frequency | :5825 MHz | Temp./Humi. | :23.4/52 |
| Test Mode | :BE CH HIGH | Antenna Pol. | :Vertical |
| EUT Pol | :NB Plan | Engineer | :Enzo Chang |



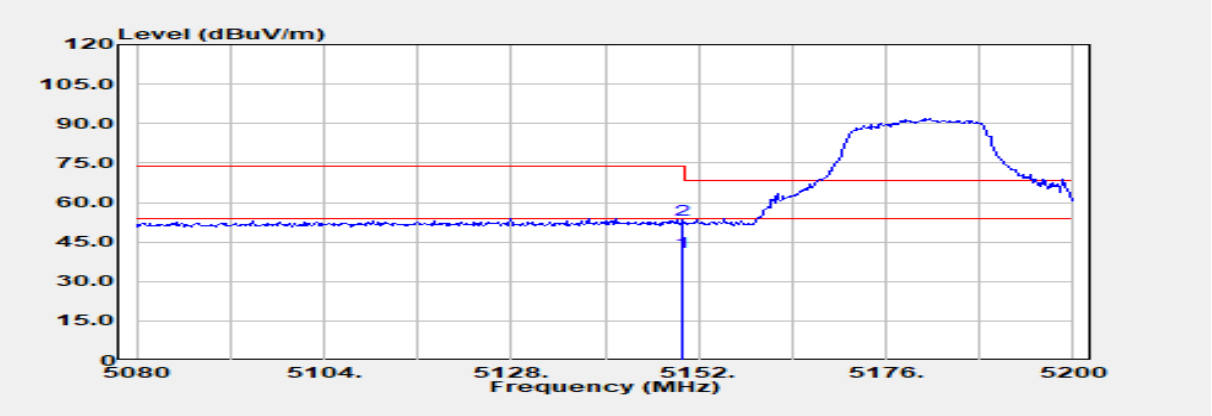

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5850.000 | Peak | 55.09 | 11.31 | 66.39 | 122.20 | -55.81 |
| 5855.000 | Peak | 52.49 | 11.61 | 64.10 | 110.80 | -46.70 |
| 5875.000 | Peak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

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11a / Band 4 | Test Date | :2021-02-08 |
| Test Frequency | :5825 MHz | Temp./Humi. | :23.4/52 |
| Test Mode | :BE CH HIGH | Antenna Pol. | :Horizontal |
| EUT Pol | :NB Plan | Engineer | :Enzo Chang |



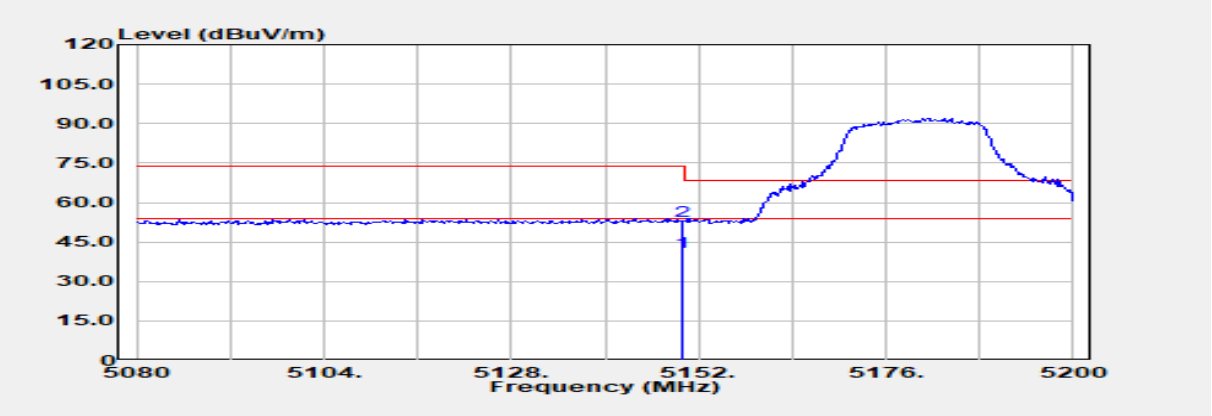

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5850.000 | Peak | 49.85 | 11.31 | 61.16 | 122.20 | -61.04 |
| 5855.000 | Peak | 49.84 | 11.61 | 61.45 | 110.80 | -49.35 |
| 5875.000 | Peak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

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n20 / Band 1 | Test Date | :2021-01-30 |
| Test Frequency | :5180 MHz | Temp./Humi. | :19.4/49 |
| Test Mode | :BE CH LOW | Antenna Pol. | :Vertical |
| EUT Pol | :NB Plan | Engineer | :Ashton Chiu |



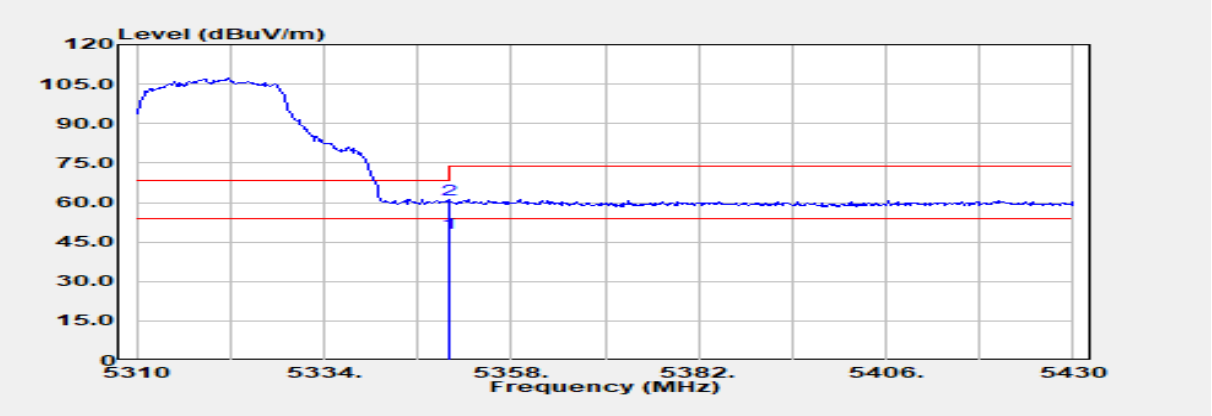

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5150.000 | Average | 30.75 | 10.50 | 41.25 | 54.00 | -12.75 |
| 5150.000 | Peak | 42.78 | 10.50 | 53.28 | 74.00 | -20.72 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n20 / Band 1 | Test Date | :2021-01-30 |
| Test Frequency | :5180 MHz | Temp./Humi. | :19.4/49 |
| Test Mode | :BE CH LOW | Antenna Pol. | :Horizontal |
| EUT Pol | :NB Plan | Engineer | :Ashton Chiu |



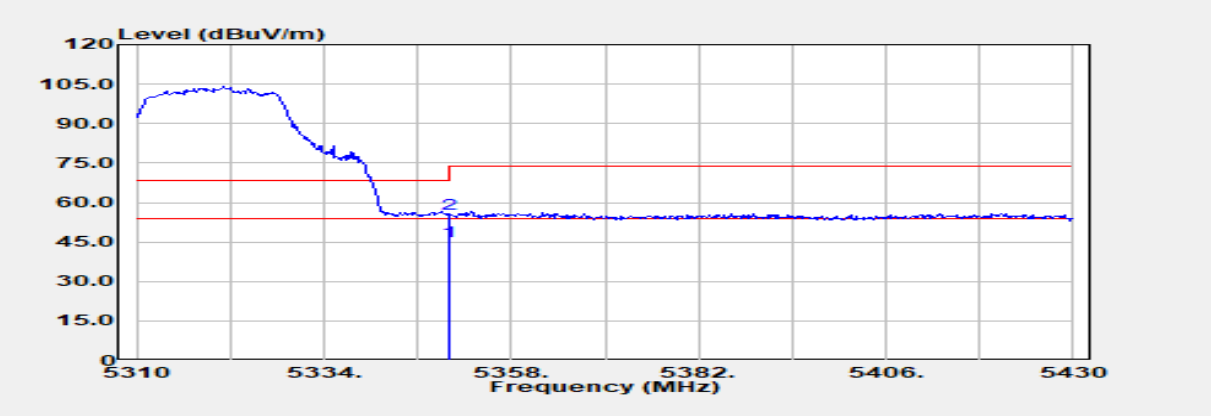

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5150.000 | Average | 30.59 | 10.50 | 41.09 | 54.00 | -12.91 |
| 5150.000 | Peak | 42.51 | 10.50 | 53.01 | 74.00 | -20.99 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n20 / Band 2 | Test Date | :2021-01-30 |
| Test Frequency | :5320 MHz | Temp./Humi. | :19.7/49 |
| Test Mode | :BE CH HIGH | Antenna Pol. | :Vertical |
| EUT Pol | :NB Plan | Engineer | :Ashton Chiu |



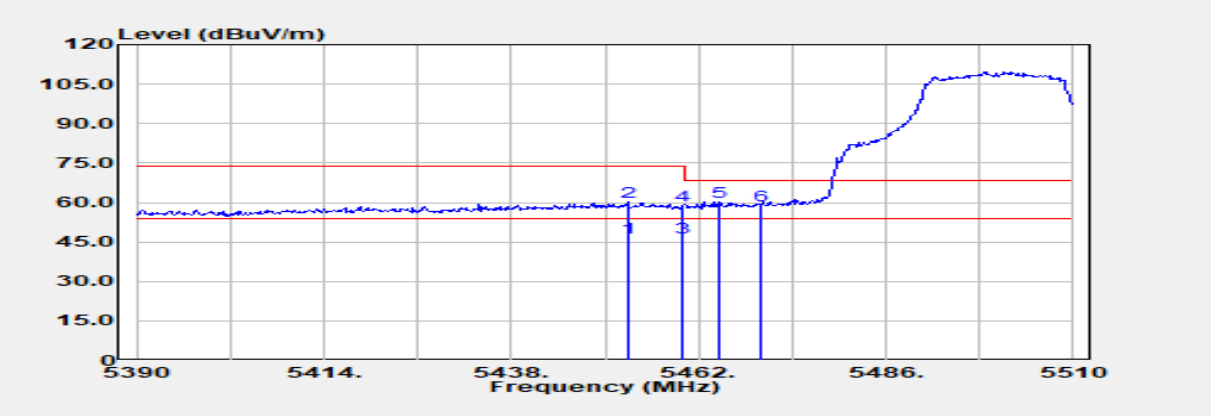

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5350.000 | Average | 37.02 | 11.54 | 48.56 | 54.00 | -5.44 |
| 5350.000 | Peak | 49.76 | 11.54 | 61.29 | 74.00 | -12.71 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n20 / Band 2 | Test Date | :2021-01-30 |
| Test Frequency | :5320 MHz | Temp./Humi. | :19.7/49 |
| Test Mode | :BE CH HIGH | Antenna Pol. | :Horizontal |
| EUT Pol | :NB Plan | Engineer | :Ashton Chiu |



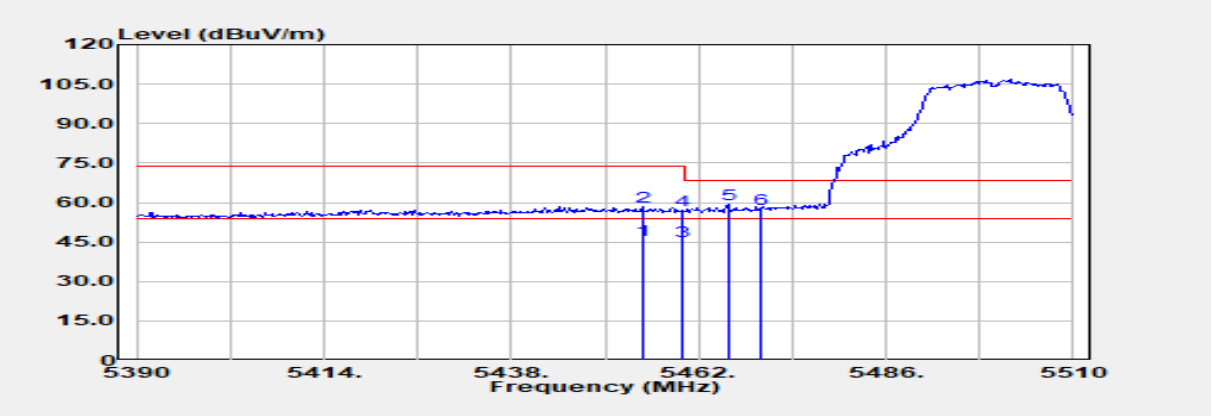

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5350.000 | Average | 33.74 | 11.54 | 45.28 | 54.00 | -8.72 |
| 5350.000 | Peak | 43.99 | 11.54 | 55.52 | 74.00 | -18.48 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n20 / Band 3 | Test Date | :2021-01-30 |
| Test Frequency | :5500 MHz | Temp./Humi. | :20.0/49 |
| Test Mode | :BE CH LOW | Antenna Pol. | :Vertical |
| EUT Pol | :NB Plan | Engineer | :Ashton Chiu |



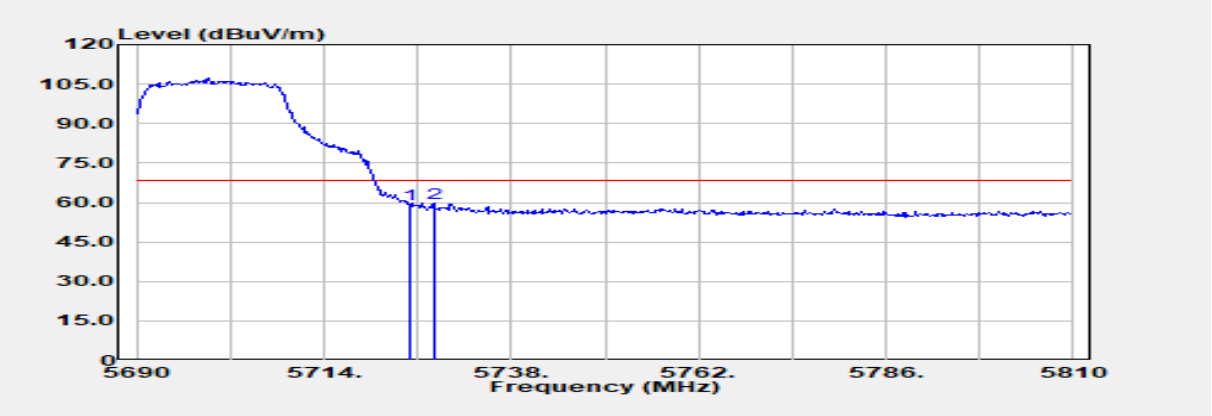

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5452.885 | Average | 34.60 | 12.04 | 46.64 | 54.00 | -7.36 |
| 5452.885 | Peak | 48.19 | 12.04 | 60.23 | 74.00 | -13.77 |
| 5460.000 | Average | 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 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n20 / Band 3 | Test Date | :2021-01-30 |
| Test Frequency | :5500 MHz | Temp./Humi. | :20.0/49 |
| Test Mode | :BE CH LOW | Antenna Pol. | :Horizontal |
| EUT Pol | :NB Plan | Engineer | :Ashton Chiu |



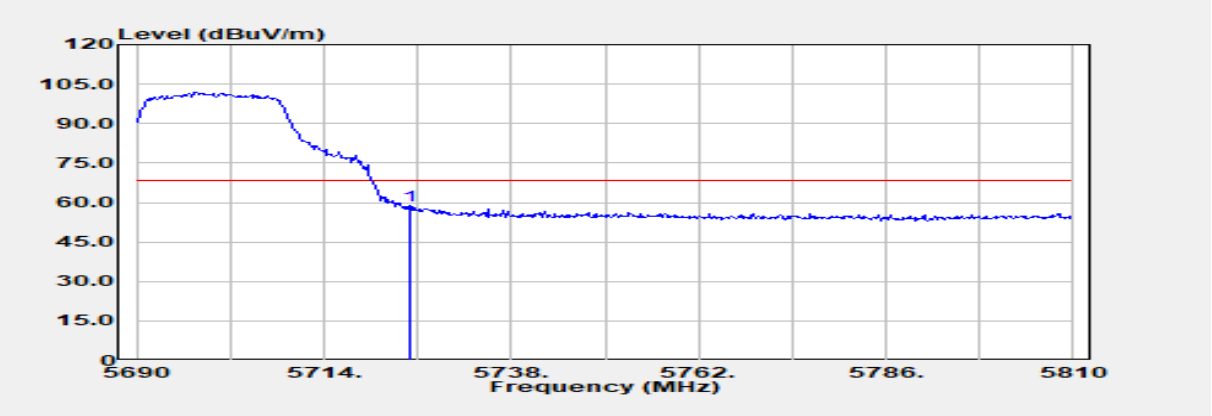

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5454.808 | Average | 33.75 | 11.94 | 45.69 | 54.00 | -8.31 |
| 5454.808 | Peak | 46.64 | 11.94 | 58.58 | 74.00 | -15.42 |
| 5460.000 | Average | 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 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n20 / Band 3 | Test Date | :2021-01-30 |
| Test Frequency | :5700 MHz | Temp./Humi. | :20.2/49 |
| Test Mode | :BE CH HIGH | Antenna Pol. | :Vertical |
| EUT Pol | :NB Plan | Engineer | :Ashton Chiu |



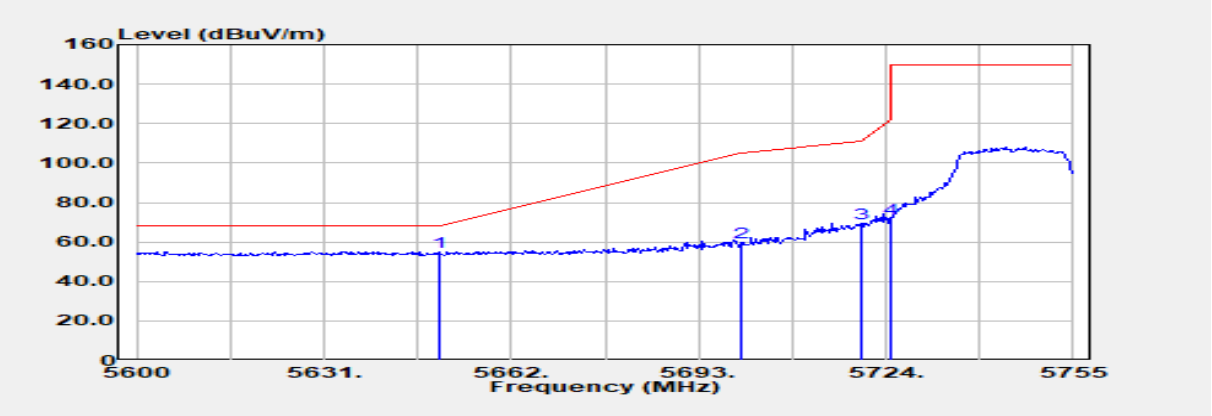

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5725.000 | Peak | 48.63 | 10.62 | 59.25 | 68.20 | -8.95 |
| 5728.077 | Peak | 49.16 | 10.53 | 59.69 | 68.20 | -8.51 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n20 / Band 3 | Test Date | :2021-01-30 |
| Test Frequency | :5700 MHz | Temp./Humi. | :20.2/49 |
| Test Mode | :BE CH HIGH | Antenna Pol. | :Horizontal |
| EUT Pol | :NB Plan | Engineer | :Ashton Chiu |



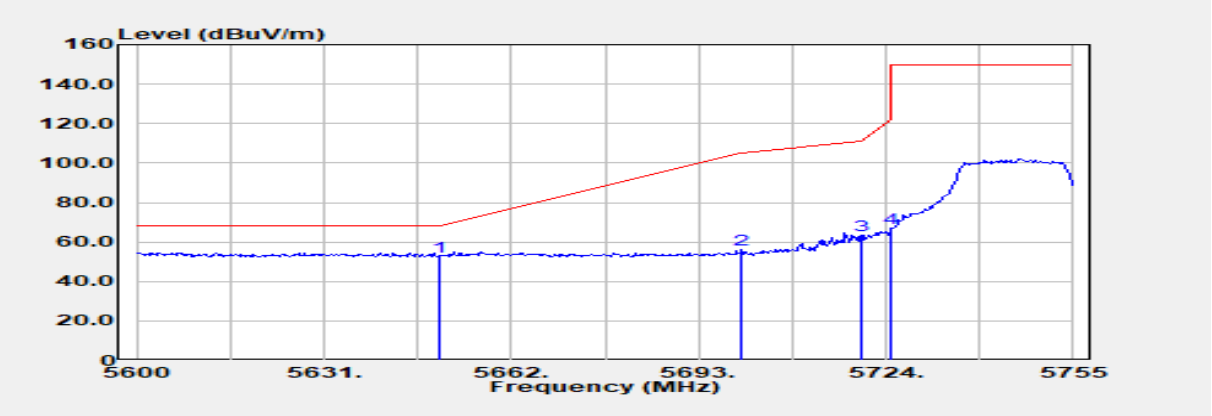

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5725.000 | Peak | 48.31 | 10.62 | 58.93 | 68.20 | -9.27 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n20 / Band 4 | Test Date | :2021-01-30 |
| Test Frequency | :5745 MHz | Temp./Humi. | :20.3/49 |
| Test Mode | :BE CH LOW | Antenna Pol. | :Vertical |
| EUT Pol | :NB Plan | Engineer | :Ashton Chiu |



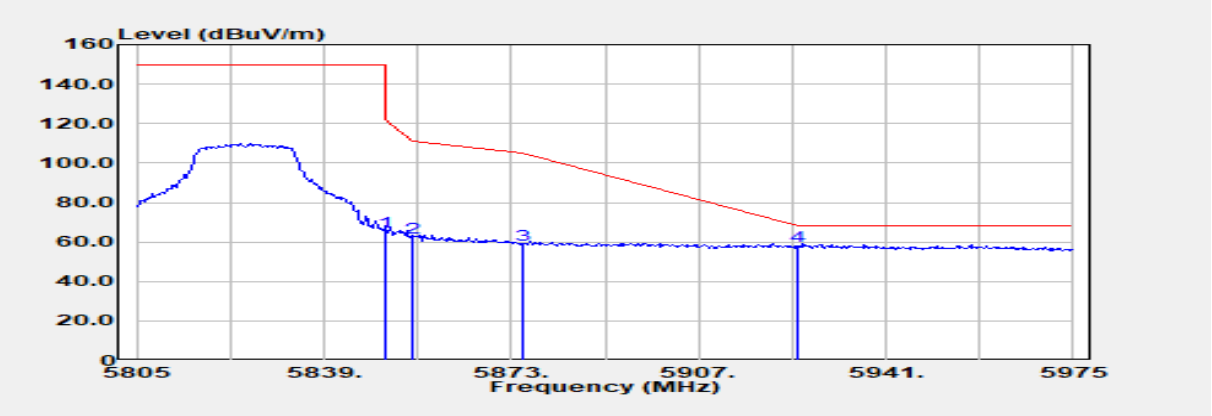

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5650.000 | Peak | 44.47 | 10.51 | 54.98 | 68.20 | -13.22 |
| 5700.000 | Peak | 49.11 | 10.41 | 59.52 | 105.20 | -45.68 |
| 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 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n20 / Band 4 | Test Date | :2021-01-30 |
| Test Frequency | :5745 MHz | Temp./Humi. | :20.3/49 |
| Test Mode | :BE CH LOW | Antenna Pol. | :Horizontal |
| EUT Pol | :NB Plan | Engineer | :Ashton Chiu |



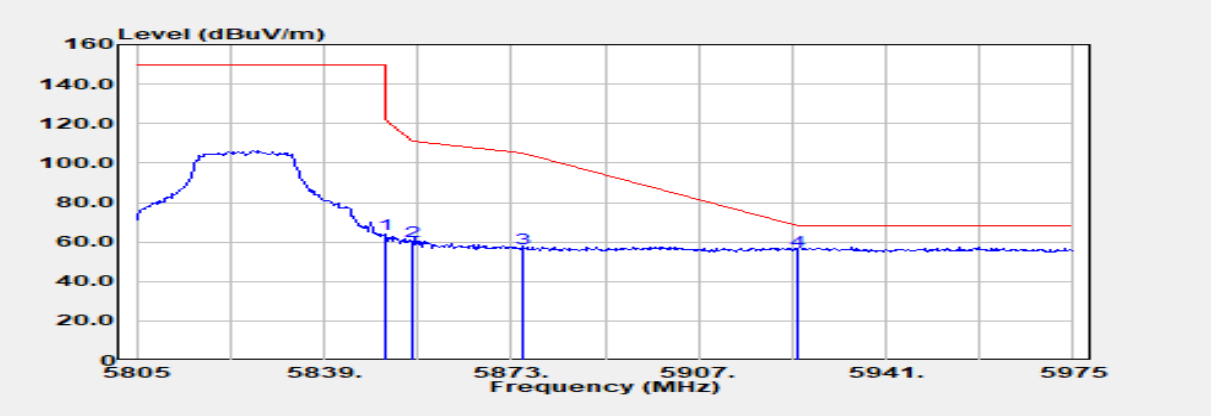

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5650.000 | Peak | 41.98 | 10.51 | 52.48 | 68.20 | -15.72 |
| 5700.000 | Peak | 45.74 | 10.41 | 56.14 | 105.20 | -49.06 |
| 5720.000 | Peak | 52.57 | 10.76 | 63.33 | 110.80 | -47.47 |
| 5725.000 | Peak | 56.27 | 10.62 | 66.89 | 122.20 | -55.31 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n20 / Band 4 | Test Date | :2021-02-08 |
| Test Frequency | :5825 MHz | Temp./Humi. | :21.4/51 |
| Test Mode | :BE CH HIGH | Antenna Pol. | :Vertical |
| EUT Pol | :NB Plan | Engineer | :Ashton Chiu |



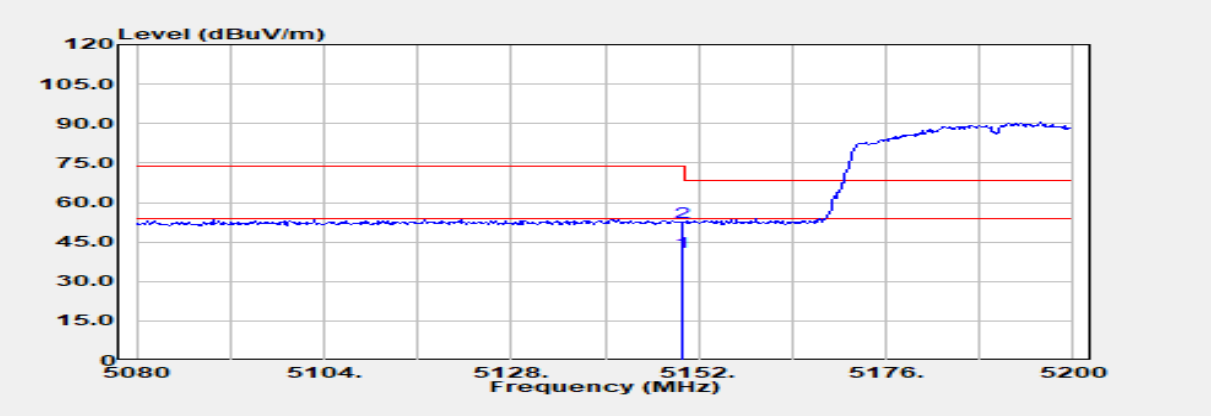

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5850.000 | Peak | 53.68 | 11.31 | 64.98 | 122.20 | -57.22 |
| 5855.000 | Peak | 50.71 | 11.61 | 62.32 | 110.80 | -48.48 |
| 5875.000 | Peak | 46.71 | 12.08 | 58.79 | 105.20 | -46.41 |
| 5925.000 | Peak | 44.99 | 12.98 | 57.97 | 68.20 | -10.23 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n20 / Band 4 | Test Date | :2021-02-08 |
| Test Frequency | :5825 MHz | Temp./Humi. | :21.4/51 |
| Test Mode | :BE CH HIGH | Antenna Pol. | :Horizontal |
| EUT Pol | :NB Plan | Engineer | :Ashton Chiu |



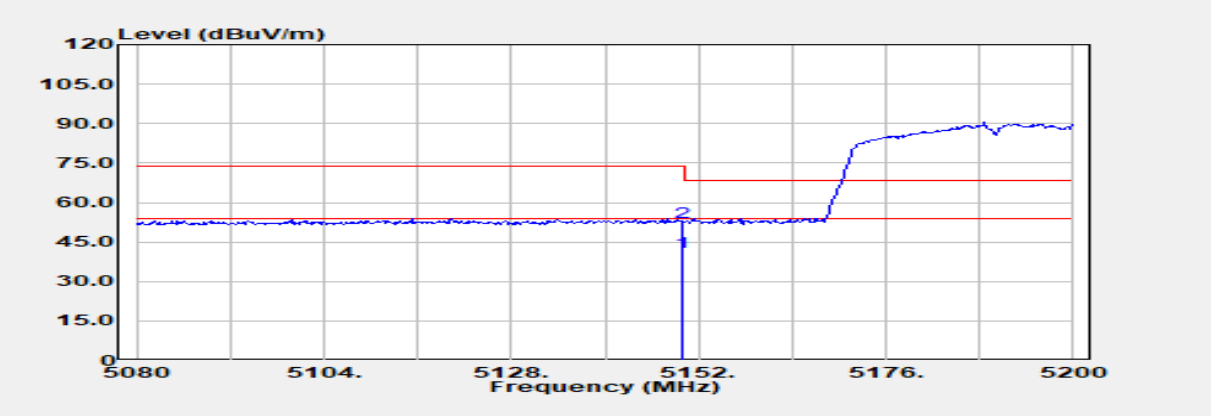

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5850.000 | Peak | 52.92 | 11.31 | 64.23 | 122.20 | -57.97 |
| 5855.000 | Peak | 48.60 | 11.61 | 60.21 | 110.80 | -50.59 |
| 5875.000 | Peak | 44.75 | 12.08 | 56.83 | 105.20 | -48.37 |
| 5925.000 | Peak | 42.77 | 12.98 | 55.75 | 68.20 | -12.45 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n40 / Band 1 | Test Date | :2021-01-30 |
| Test Frequency | :5180 MHz | Temp./Humi. | :20.5/48 |
| Test Mode | :BE CH LOW | Antenna Pol. | :Vertical |
| EUT Pol | :NB Plan | Engineer | :Ashton Chiu |



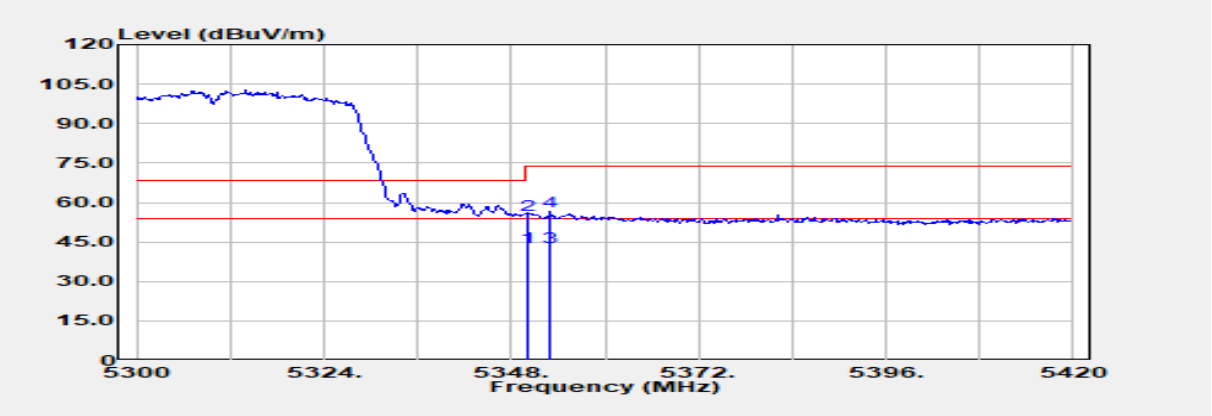

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5150.000 | Average | 30.87 | 10.50 | 41.37 | 54.00 | -12.63 |
| 5150.000 | Peak | 42.05 | 10.50 | 52.55 | 74.00 | -21.45 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n40 / Band 1 | Test Date | :2021-01-30 |
| Test Frequency | :5180 MHz | Temp./Humi. | :20.5/48 |
| Test Mode | :BE CH LOW | Antenna Pol. | :Horizontal |
| EUT Pol | :NB Plan | Engineer | :Ashton Chiu |



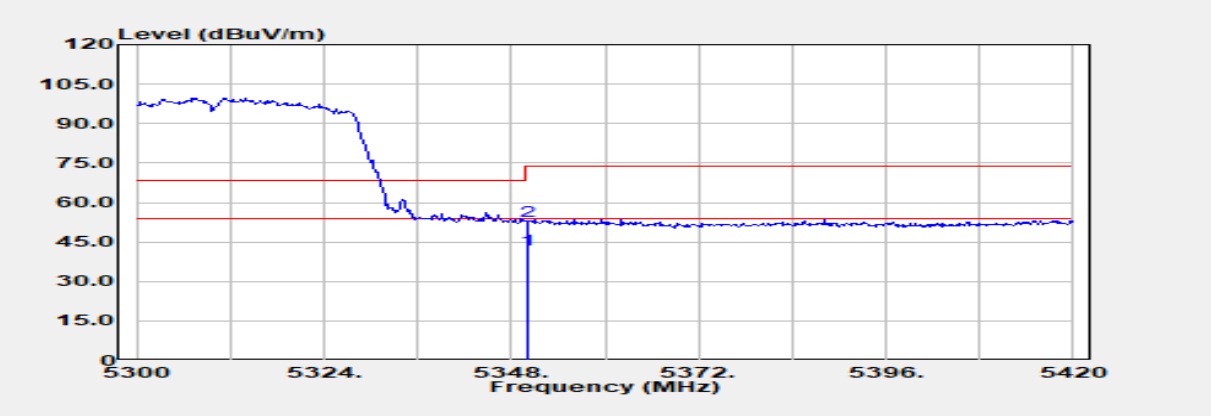

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5150.000 | Average | 30.72 | 10.50 | 41.22 | 54.00 | -12.78 |
| 5150.000 | Peak | 42.11 | 10.50 | 52.61 | 74.00 | -21.39 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n40 / Band 2 | Test Date | :2021-01-30 |
| Test Frequency | :5310 MHz | Temp./Humi. | :20.7/48 |
| Test Mode | :BE CH HIGH | Antenna Pol. | :Vertical |
| EUT Pol | :NB Plan | Engineer | :Ashton Chiu |



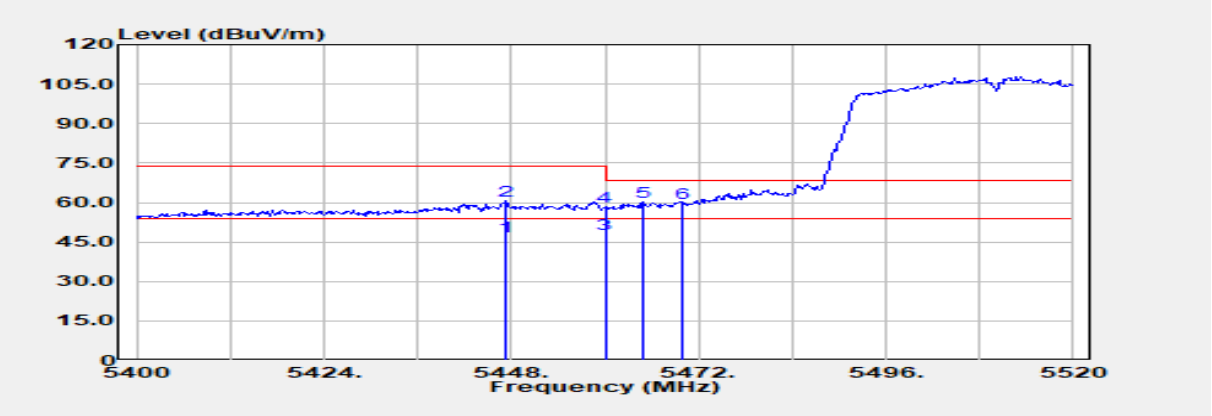

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5350.000 | Average | 31.68 | 11.54 | 43.22 | 54.00 | -10.78 |
| 5350.000 | Peak | 43.51 | 11.54 | 55.05 | 74.00 | -18.95 |
| 5353.077 | Average | 31.40 | 11.57 | 42.97 | 54.00 | -11.03 |
| 5353.077 | Peak | 45.16 | 11.57 | 56.73 | 74.00 | -17.27 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n40 / Band 2 | Test Date | :2021-01-30 |
| Test Frequency | :5310 MHz | Temp./Humi. | :20.7/48 |
| Test Mode | :BE CH HIGH | Antenna Pol. | :Horizontal |
| EUT Pol | :NB Plan | Engineer | :Ashton Chiu |



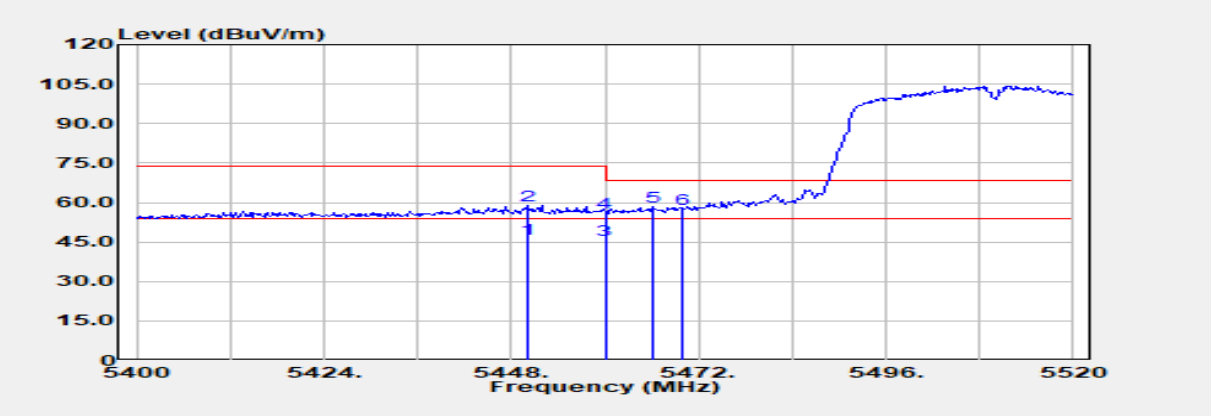

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5350.000 | Average | 30.77 | 11.54 | 42.31 | 54.00 | -11.69 |
| 5350.000 | Peak | 41.25 | 11.54 | 52.78 | 74.00 | -21.22 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n40 / Band 3 | Test Date | :2021-01-30 |
| Test Frequency | :5510 MHz | Temp./Humi. | :20.8/47 |
| Test Mode | :BE CH LOW | Antenna Pol. | :Vertical |
| EUT Pol | :NB Plan | Engineer | :Ashton Chiu |



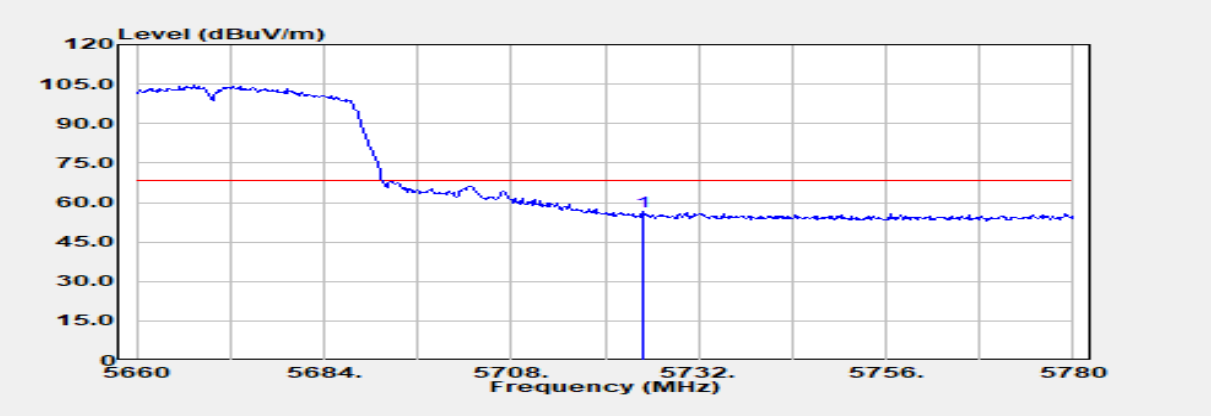

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5447.308 | Average | 35.08 | 12.13 | 47.21 | 54.00 | -6.79 |
| 5447.308 | Peak | 48.38 | 12.13 | 60.51 | 74.00 | -13.49 |
| 5460.000 | Average | 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 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n40 / Band 3 | Test Date | :2021-01-30 |
| Test Frequency | :5510 MHz | Temp./Humi. | :20.8/47 |
| Test Mode | :BE CH LOW | Antenna Pol. | :Horizontal |
| EUT Pol | :NB Plan | Engineer | :Ashton Chiu |



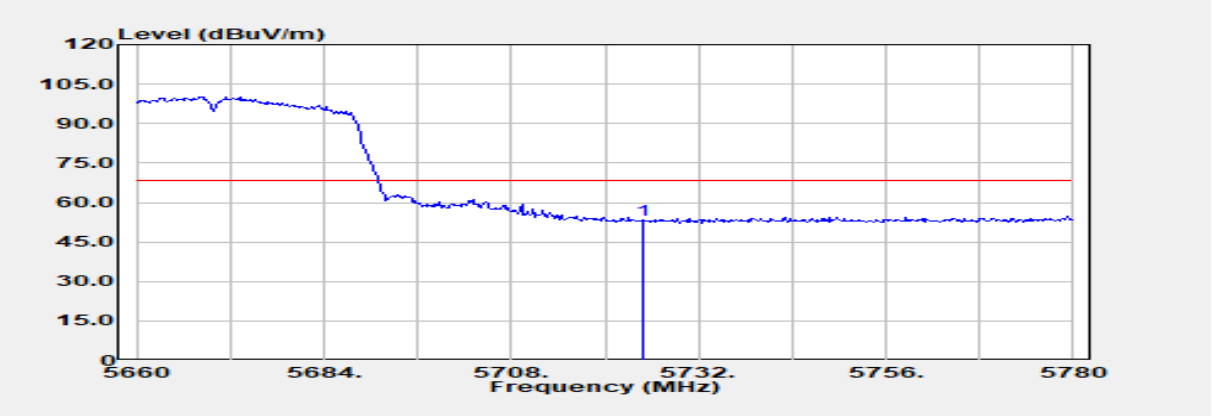

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5450.192 | Average | 33.87 | 12.18 | 46.05 | 54.00 | -7.95 |
| 5450.192 | Peak | 46.75 | 12.18 | 58.92 | 74.00 | -15.08 |
| 5460.000 | Average | 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 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n40 / Band 3 | Test Date | :2021-01-30 |
| Test Frequency | :5670 MHz | Temp./Humi. | :20.9/46 |
| Test Mode | :BE CH HIGH | Antenna Pol. | :Vertical |
| EUT Pol | :NB Plan | Engineer | :Ashton Chiu |



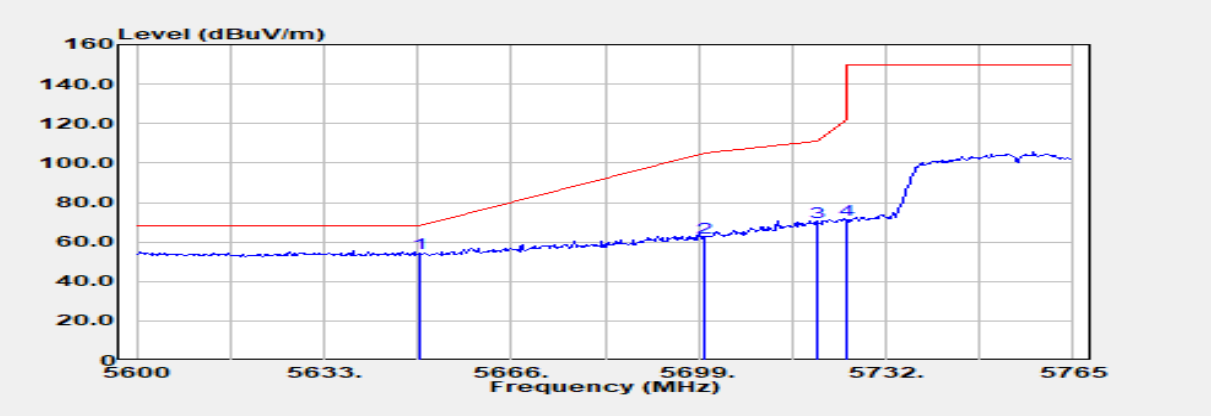

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5725.000 | Peak | 45.94 | 10.62 | 56.56 | 68.20 | -11.64 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n40 / Band 3 | Test Date | :2021-01-30 |
| Test Frequency | :5670 MHz | Temp./Humi. | :20.9/46 |
| Test Mode | :BE CH HIGH | Antenna Pol. | :Horizontal |
| EUT Pol | :NB Plan | Engineer | :Ashton Chiu |



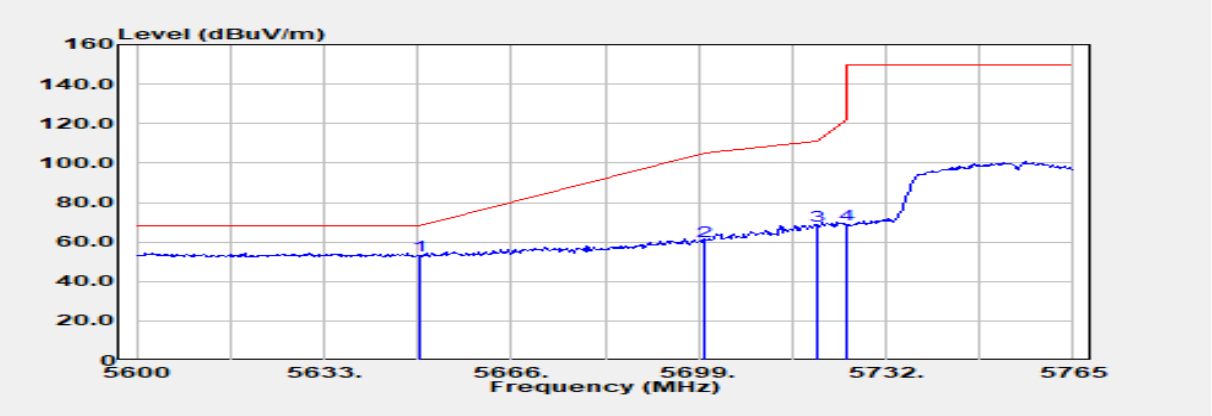

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5725.000 | Peak | 42.74 | 10.62 | 53.37 | 68.20 | -14.83 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n40 / Band 4 | Test Date | :2021-01-30 |
| Test Frequency | :5745 MHz | Temp./Humi. | :20.8/46 |
| Test Mode | :BE CH LOW | Antenna Pol. | :Vertical |
| EUT Pol | :NB Plan | Engineer | :Ashton Chiu |



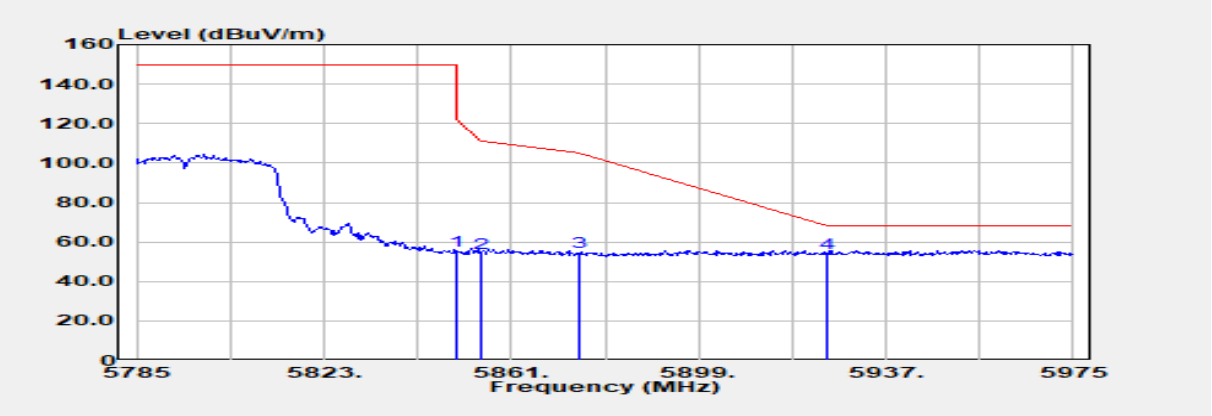

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5650.000 | Peak | 43.82 | 10.51 | 54.33 | 68.20 | -13.87 |
| 5700.000 | Peak | 51.92 | 10.41 | 62.32 | 105.20 | -42.88 |
| 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 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n40 / Band 4 | Test Date | :2021-01-30 |
| Test Frequency | :5745 MHz | Temp./Humi. | :20.8/46 |
| Test Mode | :BE CH LOW | Antenna Pol. | :Horizontal |
| EUT Pol | :NB Plan | Engineer | :Ashton Chiu |



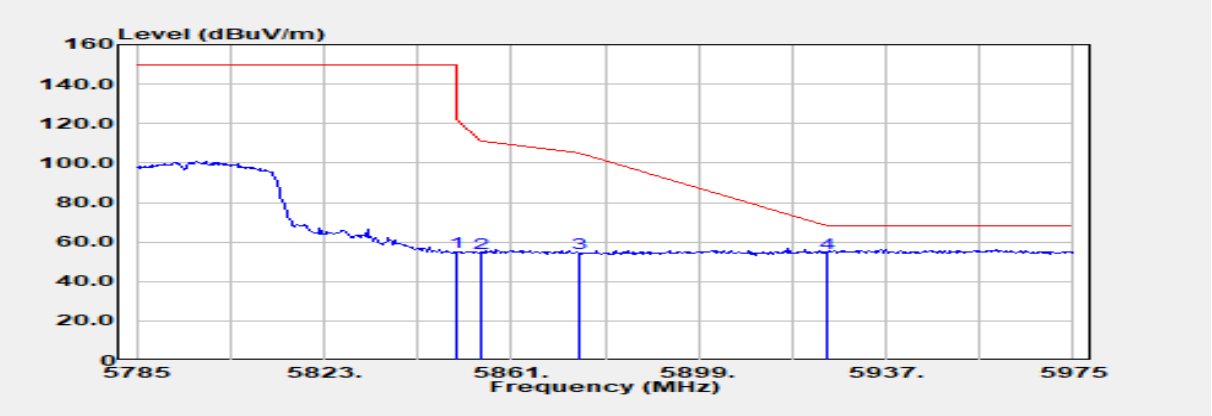

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5650.000 | Peak | 42.82 | 10.51 | 53.33 | 68.20 | -14.87 |
| 5700.000 | Peak | 50.00 | 10.41 | 60.41 | 105.20 | -44.79 |
| 5720.000 | Peak | 57.70 | 10.76 | 68.46 | 110.80 | -42.34 |
| 5725.000 | Peak | 58.23 | 10.62 | 68.85 | 122.20 | -53.35 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n40 / Band 4 | Test Date | :2021-01-30 |
| Test Frequency | :5795 MHz | Temp./Humi. | :20.8/46 |
| Test Mode | :BE CH HIGH | Antenna Pol. | :Vertical |
| EUT Pol | :NB Plan | Engineer | :Ashton Chiu |



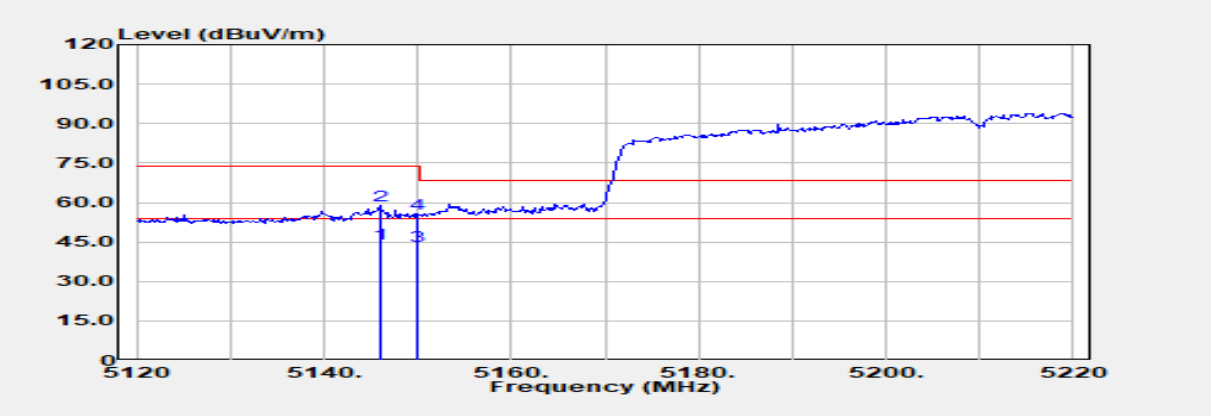

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5850.000 | Peak | 44.00 | 11.31 | 55.30 | 122.20 | -66.90 |
| 5855.000 | Peak | 42.80 | 11.61 | 54.41 | 110.80 | -56.39 |
| 5875.000 | Peak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

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n40 / Band 4 | Test Date | :2021-01-30 |
| Test Frequency | :5795 MHz | Temp./Humi. | :20.8/46 |
| Test Mode | :BE CH HIGH | Antenna Pol. | :Vertical |
| EUT Pol | :NB Plan | Engineer | :Ashton Chiu |



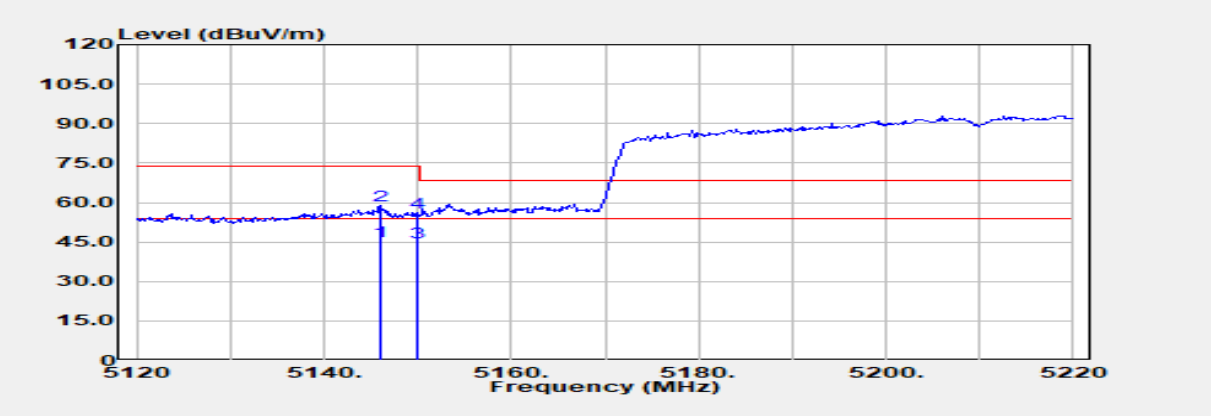

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5850.000 | Peak | 43.88 | 11.31 | 55.19 | 122.20 | -67.01 |
| 5855.000 | Peak | 42.97 | 11.61 | 54.58 | 110.80 | -56.22 |
| 5875.000 | Peak | 42.35 | 12.08 | 54.44 | 105.20 | -50.76 |
| 5925.000 | Peak | 41.58 | 12.98 | 54.56 | 68.20 | -13.64 |

| | | | |
|---|---|---|---|
| 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 |



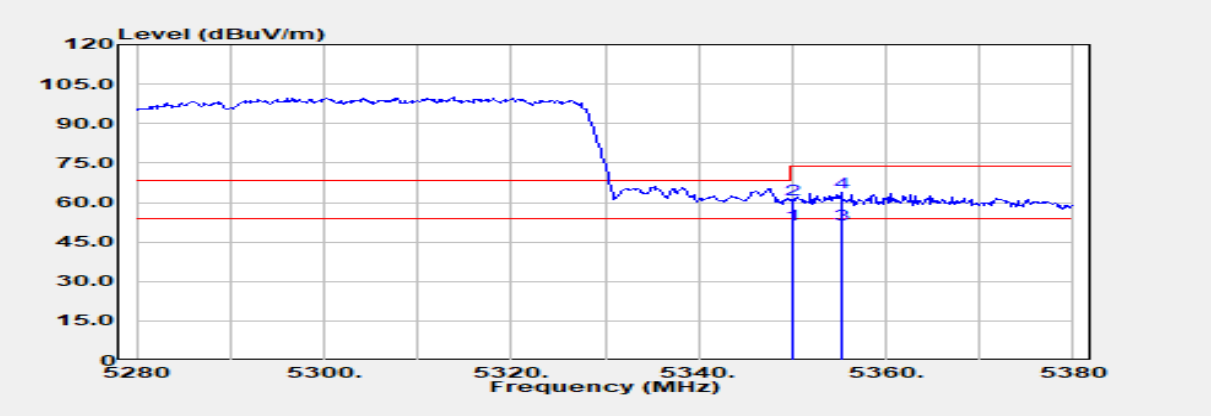

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5145.961 | Average | 33.95 | 10.47 | 44.42 | 54.00 | -9.58 |
| 5145.961 | Peak | 48.55 | 10.47 | 59.02 | 74.00 | -14.98 |
| 5150.000 | Average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

| | | | |
|---|---|---|---|
| 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 |



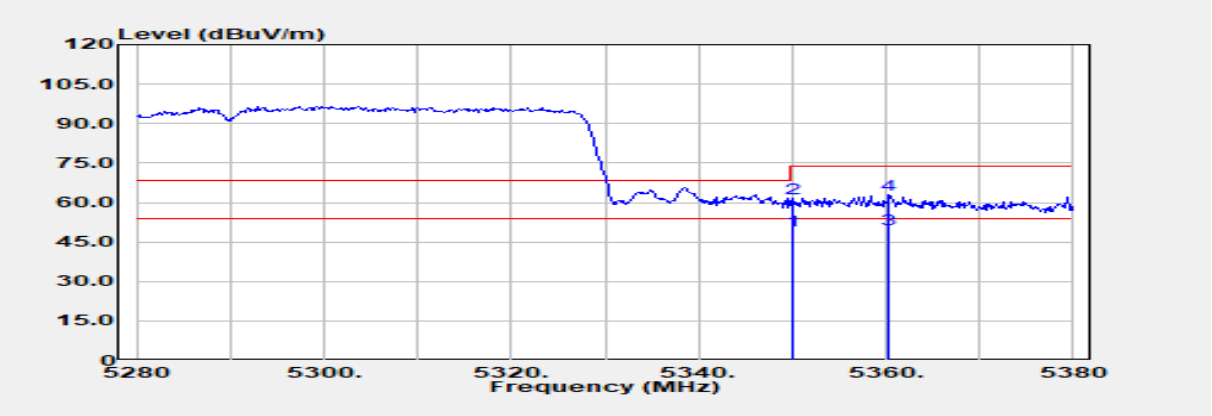

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5145.961 | Average | 35.01 | 10.47 | 45.48 | 54.00 | -8.52 |
| 5145.961 | Peak | 48.44 | 10.47 | 58.90 | 74.00 | -15.10 |
| 5150.000 | Average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

| | | | |
|---|---|---|---|
| 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 |



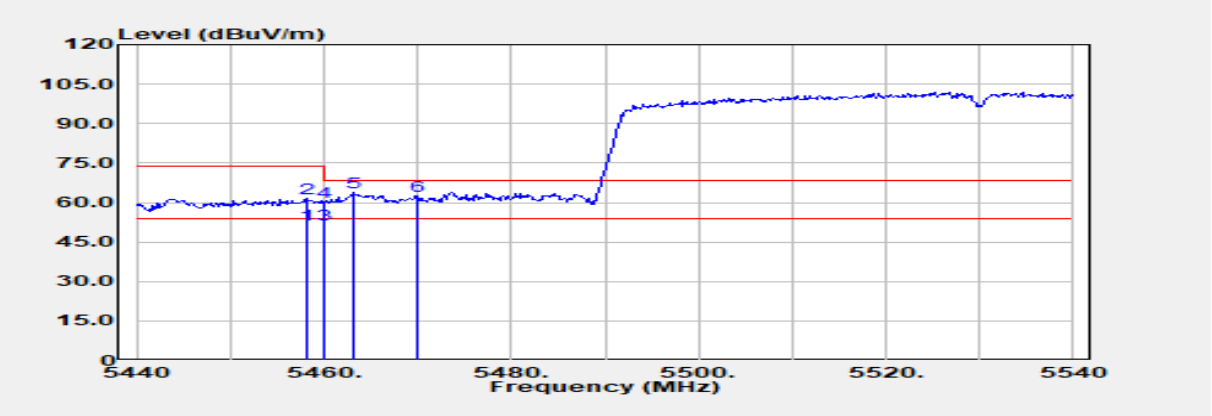

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5350.000 | Average | 40.10 | 11.54 | 51.64 | 54.00 | -2.36 |
| 5350.000 | Peak | 49.45 | 11.54 | 60.99 | 74.00 | -13.01 |
| 5355.160 | Average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

| | | | |
|---|---|---|---|
| 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 |



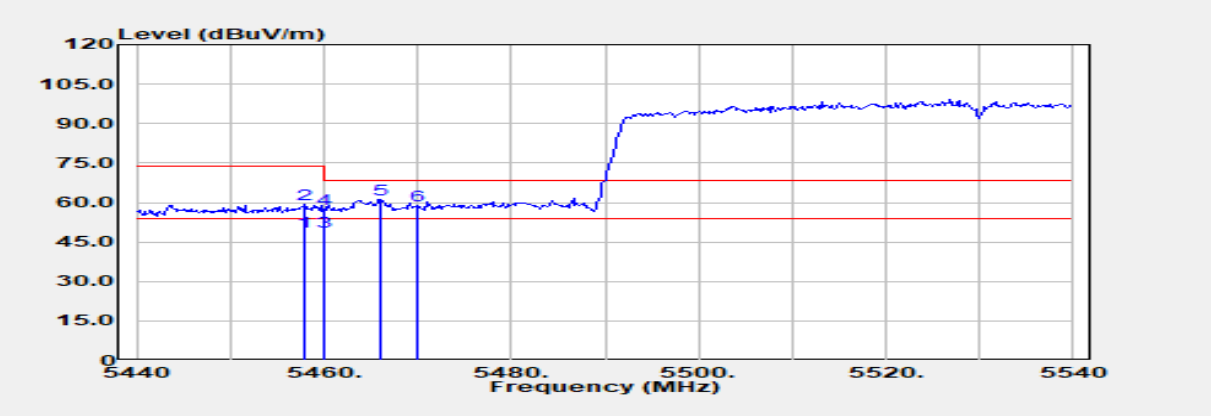

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5350.000 | Average | 37.85 | 11.54 | 49.39 | 54.00 | -4.61 |
| 5350.000 | Peak | 49.82 | 11.54 | 61.36 | 74.00 | -12.64 |
| 5360.289 | Average | 38.23 | 11.62 | 49.85 | 54.00 | -4.15 |
| 5360.289 | Peak | 51.15 | 11.62 | 62.77 | 74.00 | -11.23 |

| | | | |
|---|---|---|---|
| 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 |



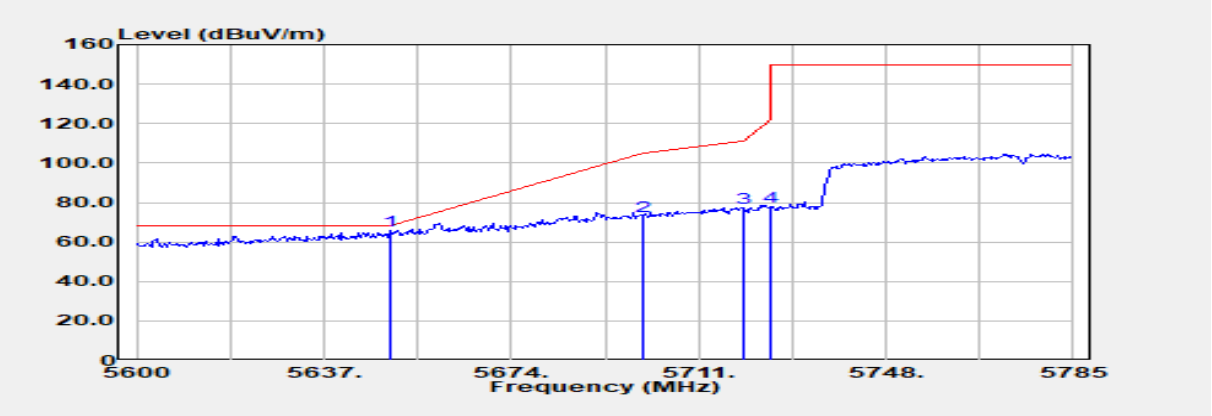

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5458.109 | Average | 40.08 | 11.76 | 51.84 | 54.00 | -2.16 |
| 5458.109 | Peak | 49.61 | 11.76 | 61.38 | 74.00 | -12.62 |
| 5460.000 | Average | 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 |

| | | | |
|---|---|---|---|
| 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 dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/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 |

| | | | |
|---|---|---|---|
| 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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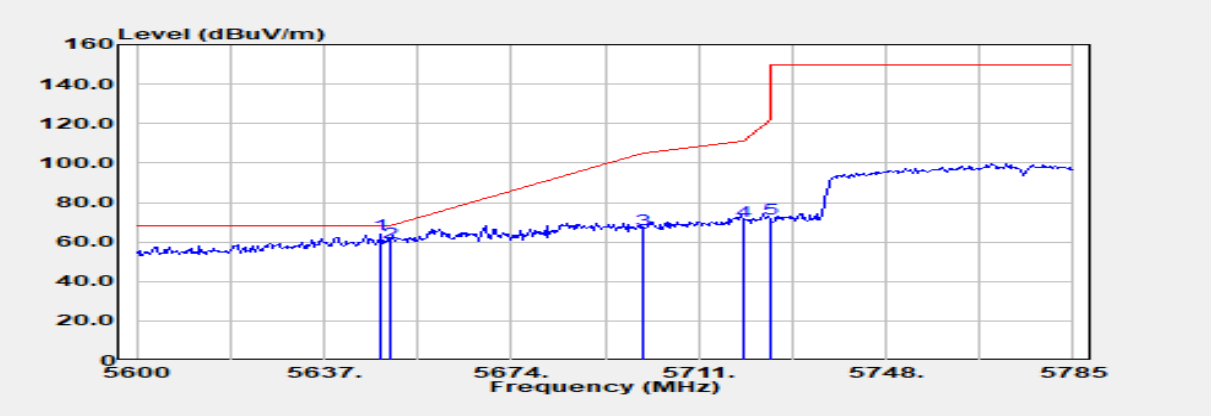
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11ac80 / Band 4 | Test Date | :2021-01-30 |
| Test Frequency | :5775 MHz | Temp./Humi. | :21.6/45 |
| Test Mode | :BE CH LOW | Antenna Pol. | :Horizontal |
| EUT Pol | :NB Plan | Engineer | :Ashton 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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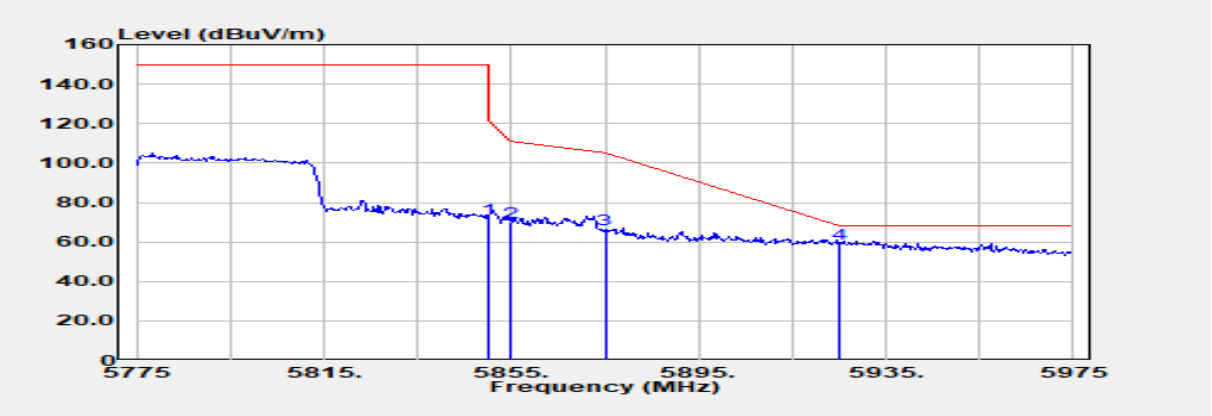
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11ac80 / Band 4 | Test Date | :2021-01-30 |
| Test Frequency | :5775 MHz | Temp./Humi. | :21.6/45 |
| Test Mode | :BE CH HIGH | Antenna Pol. | :Vertical |
| EUT Pol | :NB Plan | Engineer | :Ashton 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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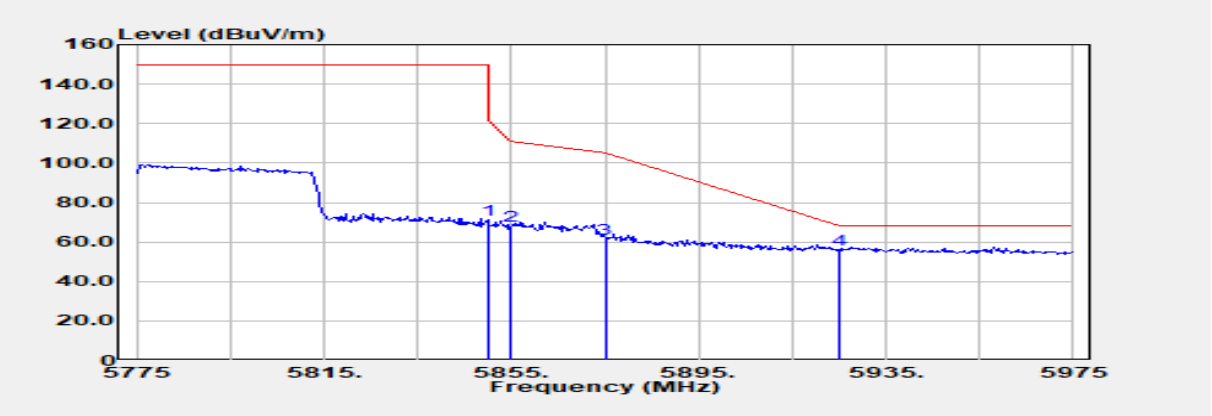
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11ac80 / Band 4 | Test Date | :2021-01-30 |
| Test Frequency | :5775 MHz | Temp./Humi. | :21.6/45 |
| Test Mode | :BE CH HIGH | Antenna Pol. | :Horizontal |
| EUT Pol | :NB Plan | Engineer | :Ashton 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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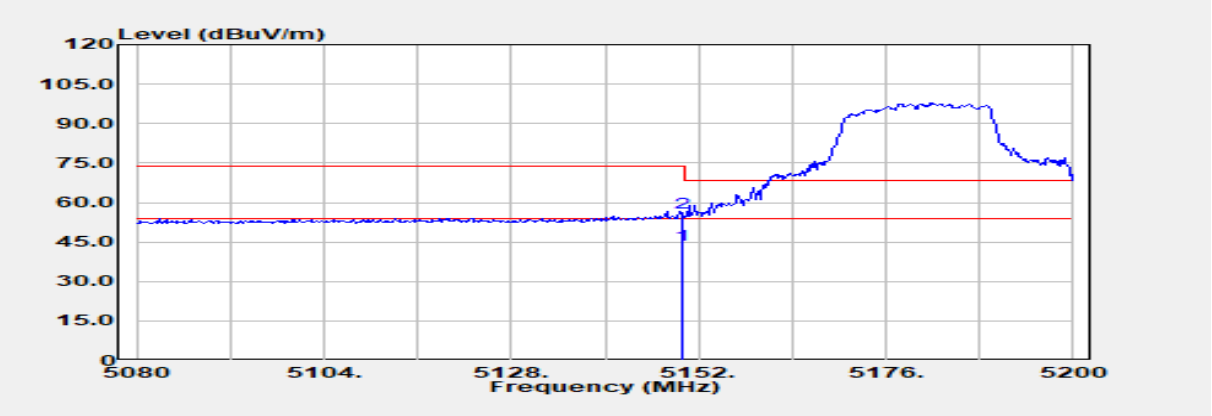
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11ax20 / Band 1 | Test Date | :2021-02-01 |
| Test Frequency | :5180 MHz | Temp./Humi. | :21.2/52 |
| Test Mode | :BE CH LOW FULL RU | Antenna Pol. | :Vertical |
| EUT Pol | :NB Plan | Engineer | :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 | 33.36 | 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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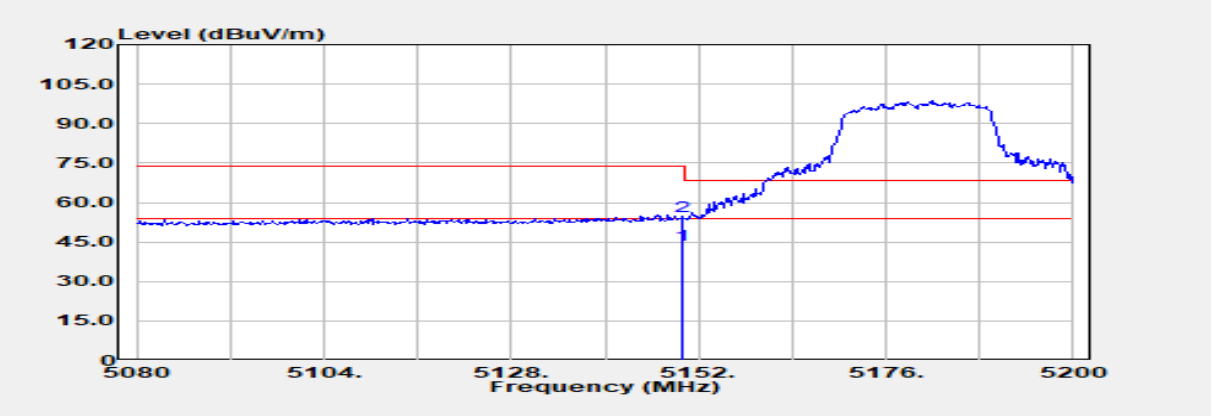
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11ax20 / Band 1 | Test Date | :2021-02-01 |
| Test Frequency | :5180 MHz | Temp./Humi. | :21.2/52 |
| Test Mode | :BE CH LOW FULL RU | Antenna Pol. | :Horizontal |
| EUT Pol | :NB Plan | Engineer | :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 | 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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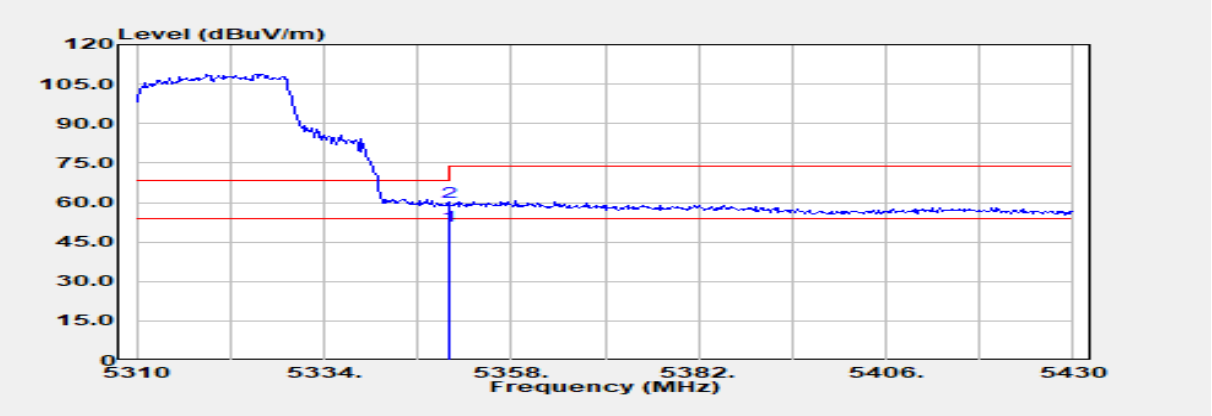
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11ax20 / Band 2 | Test Date | :2021-02-01 |
| Test Frequency | :5320 MHz | Temp./Humi. | :20.5/54 |
| Test Mode | :BE CH HIGH FULL RU | Antenna Pol. | :Vertical |
| EUT Pol | :NB Plan | Engineer | :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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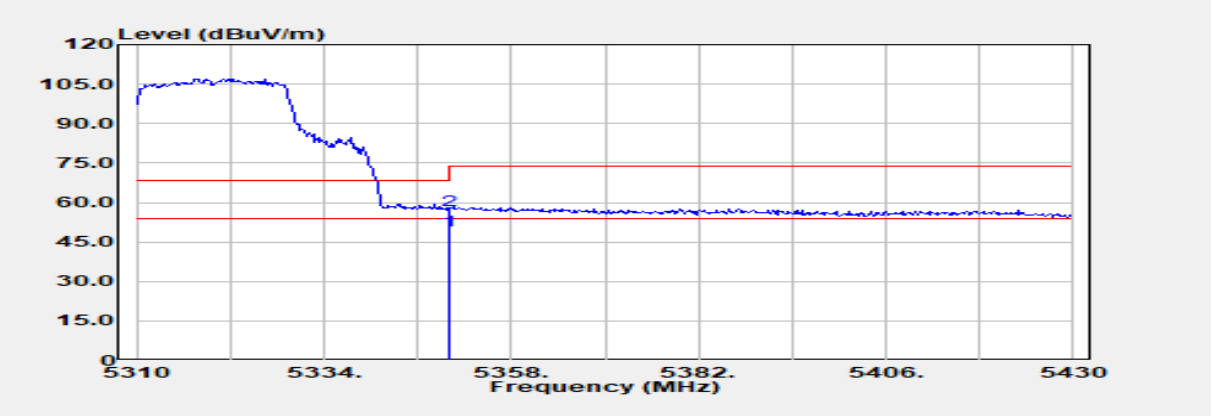
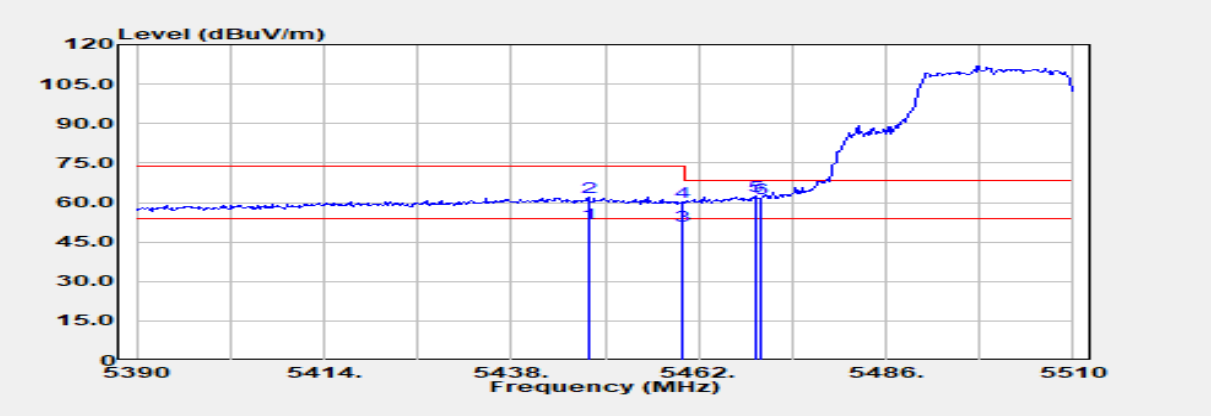
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11ax20 / Band 2 | Test Date | :2021-02-01 |
| Test Frequency | :5320 MHz | Temp./Humi. | :20.5/54 |
| Test Mode | :BE CH HIGH FULL RU | Antenna Pol. | :Horizontal |
| EUT Pol | :NB Plan | Engineer | :Ashton Chiu |




| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | 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 |

| | | | |
|---|---|---|---|
| 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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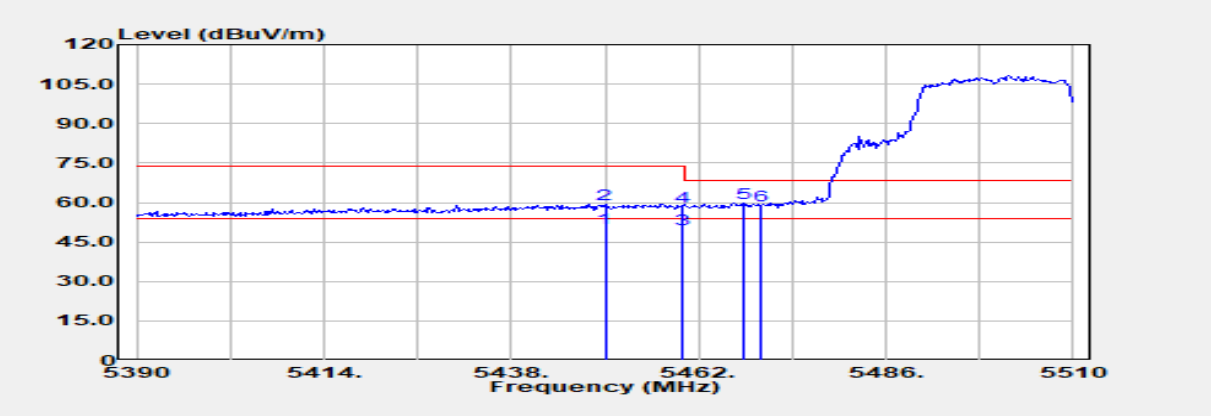
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11ax20 / Band 3 | Test Date | :2021-02-01 |
| Test Frequency | :5500 MHz | Temp./Humi. | :20.5/54 |
| Test Mode | :BE CH LOW FULL RU | Antenna Pol. | :Horizontal |
| EUT Pol | :NB Plan | Engineer | :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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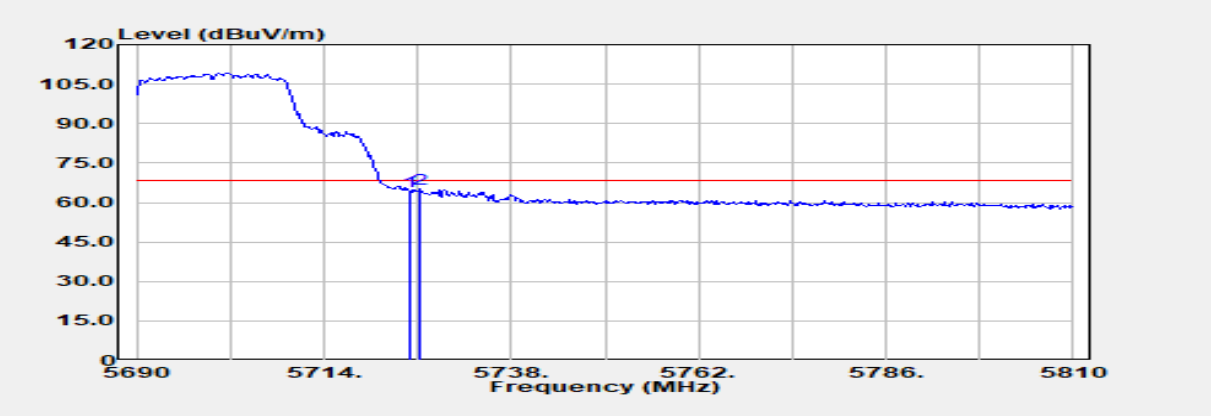
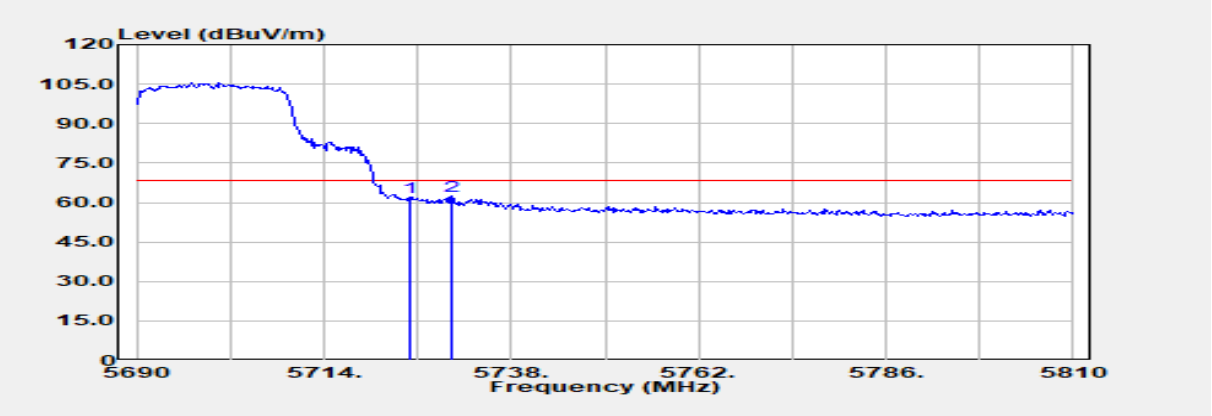
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11ax20 / Band 3 | Test Date | :2021-02-01 |
| Test Frequency | :5700 MHz | Temp./Humi. | :21.8/52 |
| Test Mode | :BE CH HIGH FULL RU | Antenna Pol. | :Vertical |
| EUT Pol | :NB Plan | Engineer | :Ashton Chiu |



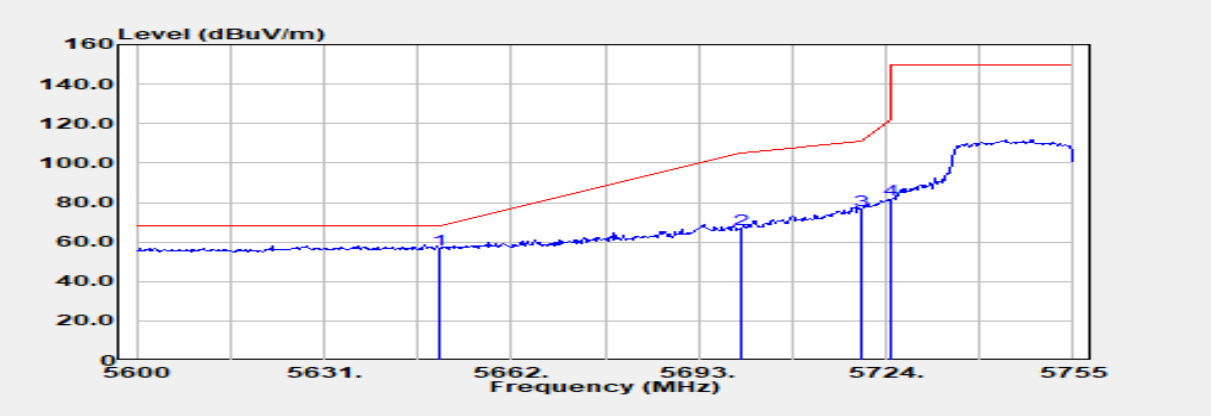

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5725.000 | Peak | 53.48 | 10.62 | 64.10 | 68.20 | -4.10 |
| 5726.346 | Peak | 54.54 | 10.58 | 65.12 | 68.20 | -3.08 |

| | | | |
|---|---|---|---|
| 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 |



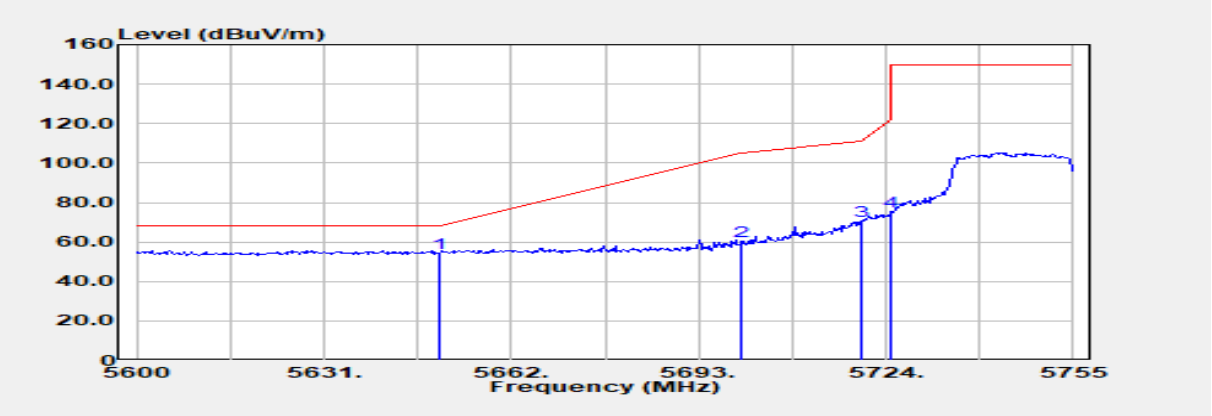

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5725.000 | Peak | 51.20 | 10.62 | 61.82 | 68.20 | -6.38 |
| 5730.385 | Peak | 51.83 | 10.49 | 62.32 | 68.20 | -5.88 |

| | | | |
|---|---|---|---|
| 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 |



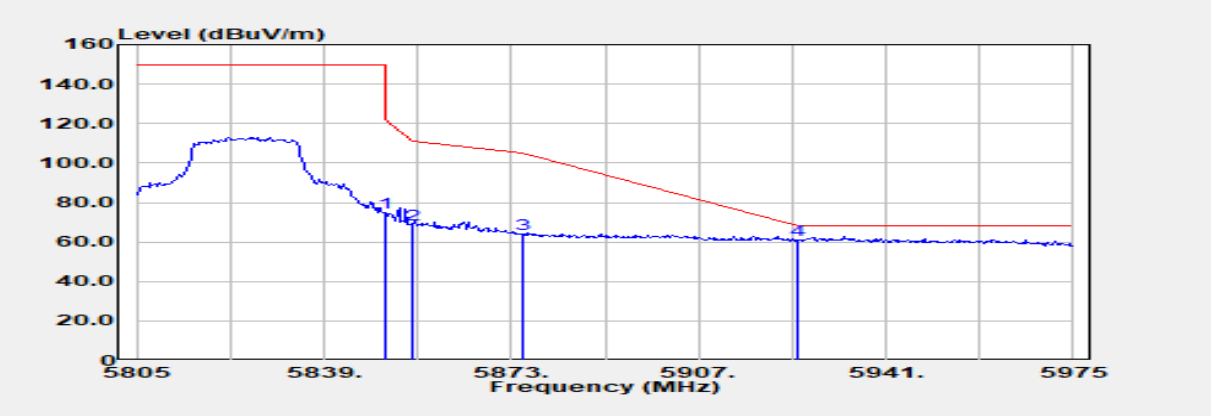

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5650.000 | Peak | 45.76 | 10.51 | 56.27 | 68.20 | -11.93 |
| 5700.000 | Peak | 56.18 | 10.41 | 66.58 | 105.20 | -38.62 |
| 5720.000 | Peak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

| | | | |
|---|---|---|---|
| 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 |



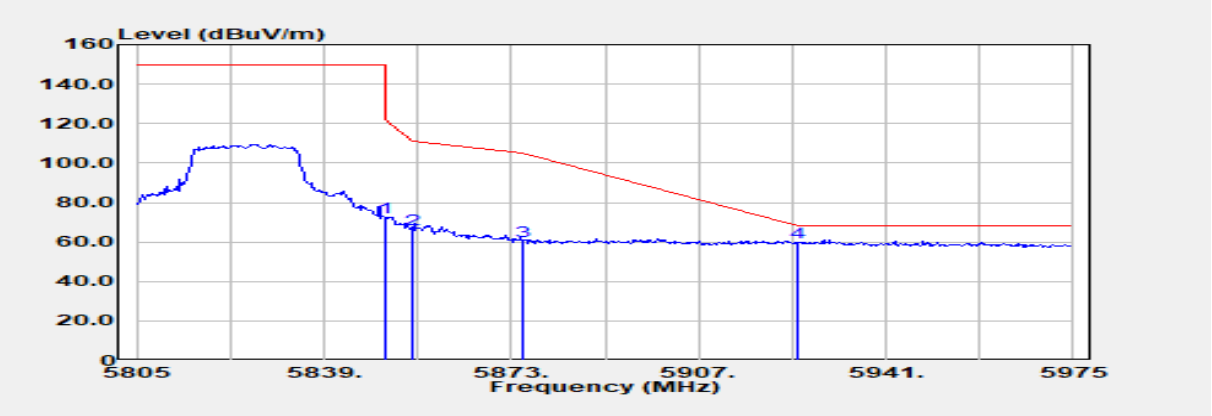

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5650.000 | Peak | 43.87 | 10.51 | 54.37 | 68.20 | -13.83 |
| 5700.000 | Peak | 49.71 | 10.41 | 60.12 | 105.20 | -45.08 |
| 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 |

| | | | |
|---|---|---|---|
| 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. | :Vertical |
| EUT Pol | :NB Plan | Engineer | :Ashton Chiu |



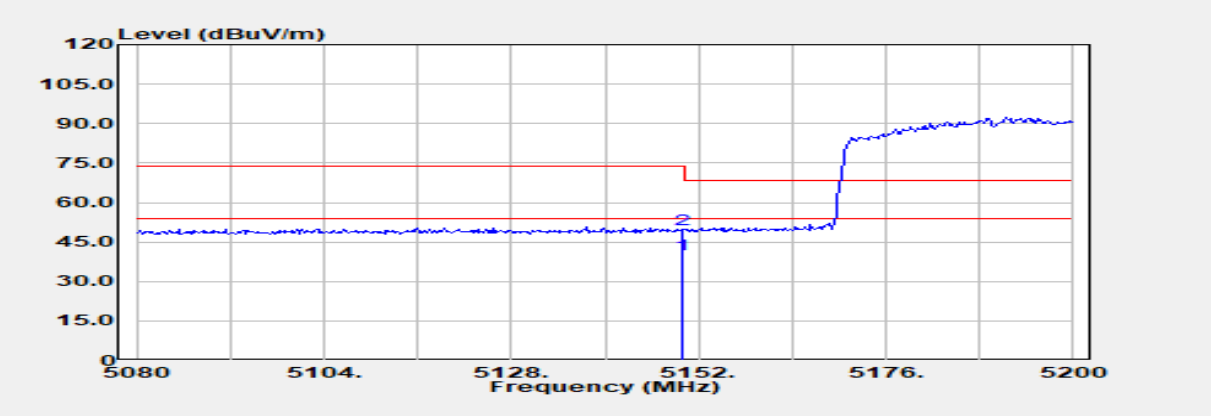

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5850.000 | Peak | 63.52 | 11.31 | 74.83 | 122.20 | -47.37 |
| 5855.000 | Peak | 57.15 | 11.61 | 68.76 | 110.80 | -42.04 |
| 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 |

| | | | |
|---|---|---|---|
| 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 |



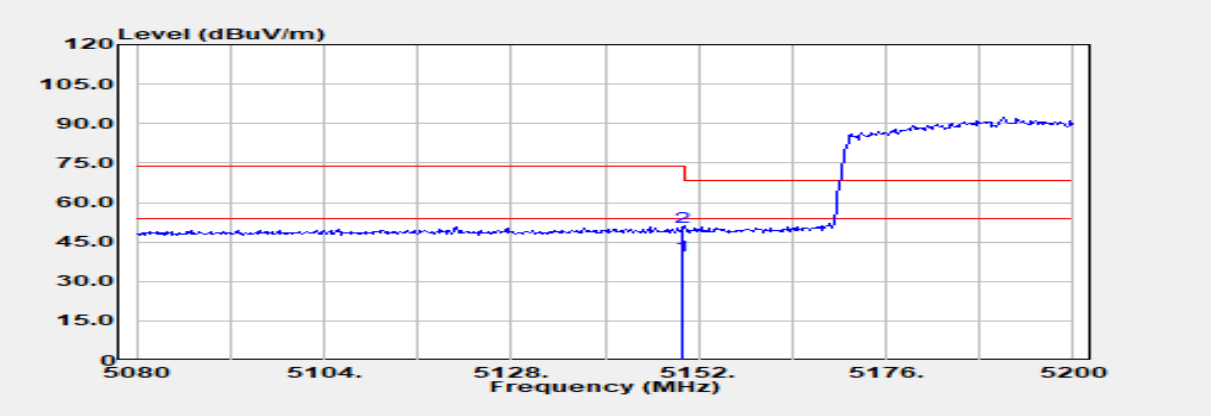

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5850.000 | Peak | 61.40 | 11.31 | 72.70 | 122.20 | -49.50 |
| 5855.000 | Peak | 54.72 | 11.61 | 66.33 | 110.80 | -44.47 |
| 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 |

| | | | |
|---|---|---|---|
| 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 |



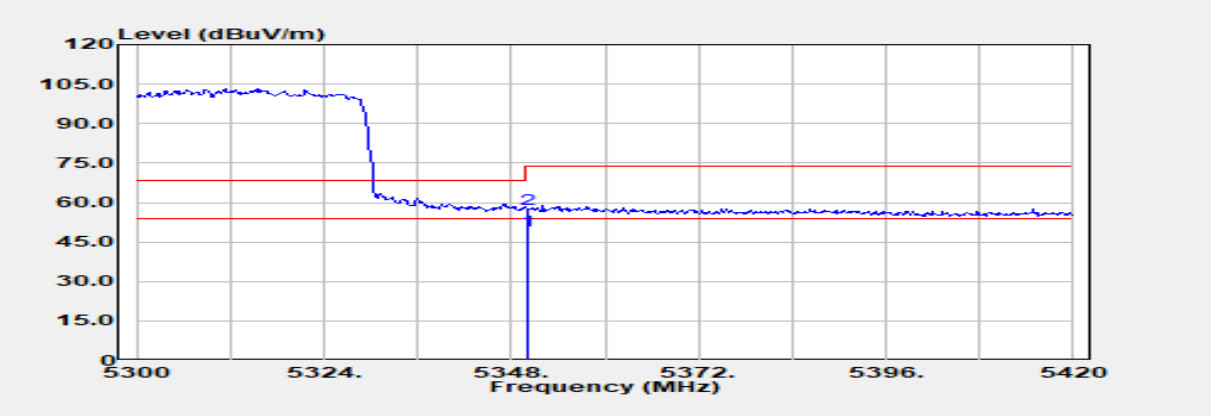

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5150.000 | Average | 29.58 | 10.50 | 40.08 | 54.00 | -13.92 |
| 5150.000 | Peak | 39.20 | 10.50 | 49.70 | 74.00 | -24.30 |

| | | | |
|---|---|---|---|
| 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 |



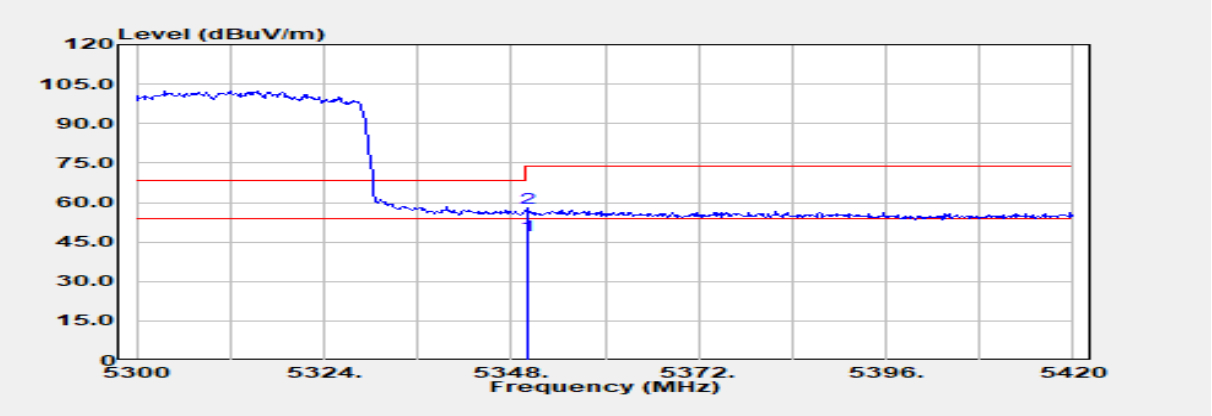

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5150.000 | Average | 29.44 | 10.50 | 39.94 | 54.00 | -14.06 |
| 5150.000 | Peak | 40.11 | 10.50 | 50.61 | 74.00 | -23.39 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11ax40 / Band 2 | Test Date | :2021-02-08 |
| Test Frequency | :5310 MHz | Temp./Humi. | :21.2/55 |
| Test Mode | :BE CH HIGH FULL RU | Antenna Pol. | :Vertical |
| EUT Pol | :NB Plan | Engineer | :Ashton Chiu |



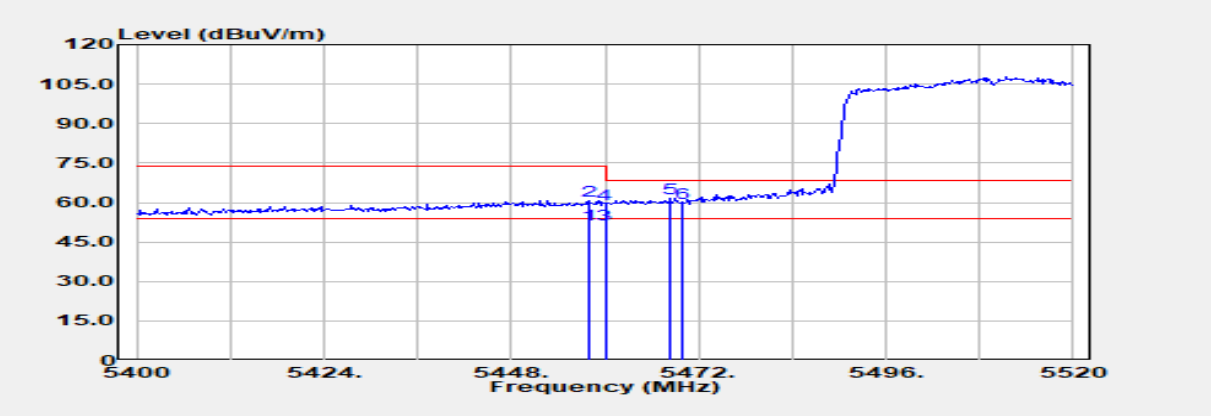

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5350.000 | Average | 37.62 | 11.54 | 49.16 | 54.00 | -4.84 |
| 5350.000 | Peak | 45.90 | 11.54 | 57.44 | 74.00 | -16.56 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11ax40 / Band 2 | Test Date | :2021-02-08 |
| Test Frequency | :5310 MHz | Temp./Humi. | :21.2/55 |
| Test Mode | :BE CH HIGH FULL RU | Antenna Pol. | :Horizontal |
| EUT Pol | :NB Plan | Engineer | :Ashton Chiu |




| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | 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 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11ax40 / Band 3 | Test Date | :2021-02-08 |
| Test Frequency | :5510 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 |
|---|---|---|---|---|---|---|
| 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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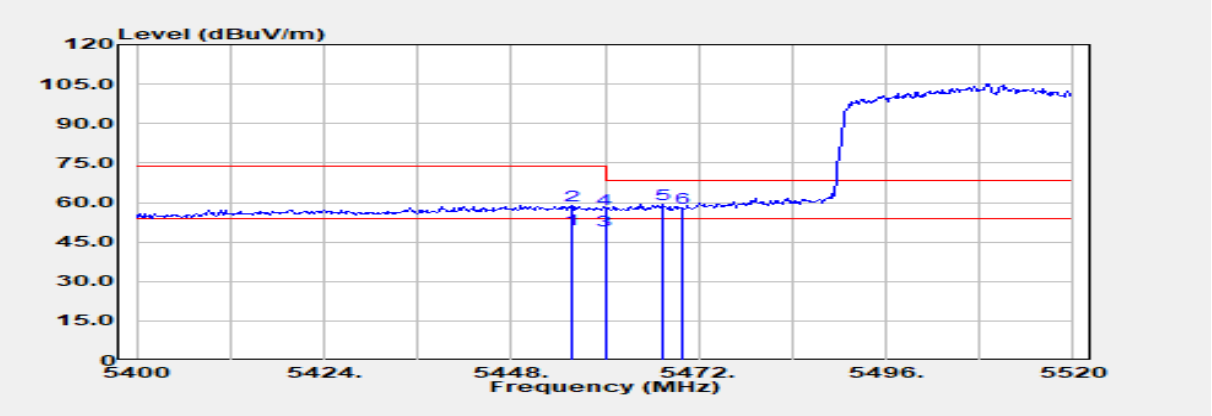
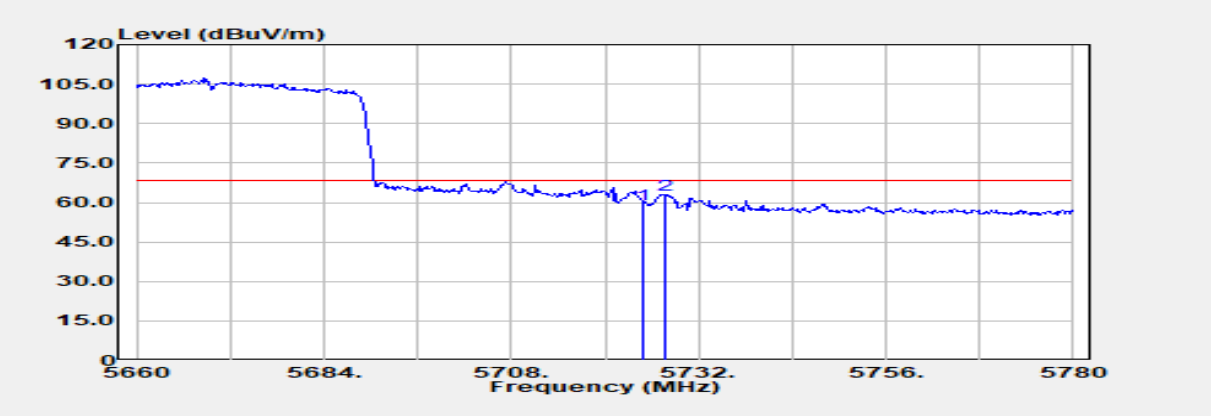
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11ax40 / Band 3 | Test Date | :2021-02-08 |
| Test Frequency | :5510 MHz | Temp./Humi. | :21.2/55 |
| Test Mode | :BE CH LOW FULL RU | Antenna Pol. | :Horizontal |
| EUT Pol | :NB Plan | Engineer | :Ashton Chiu |



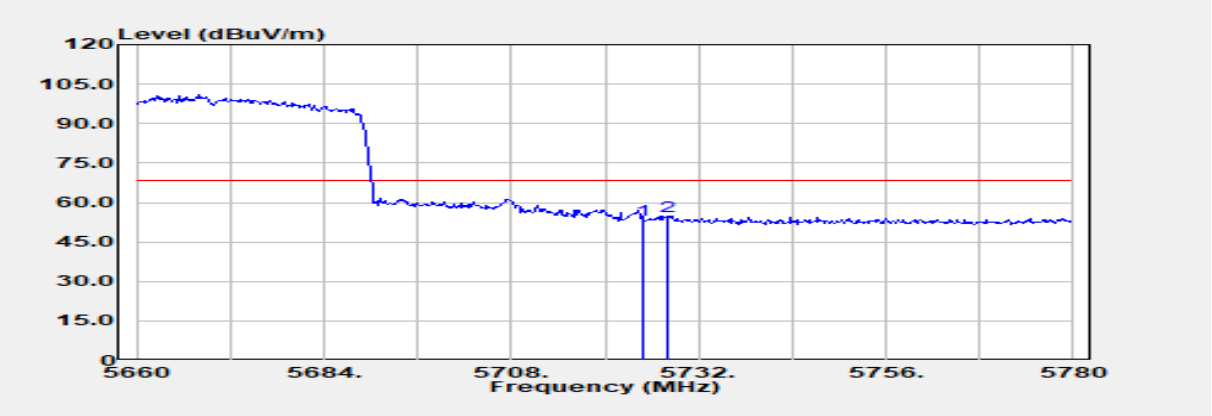

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5455.769 | Average | 38.05 | 11.89 | 49.94 | 54.00 | -4.06 |
| 5455.769 | Peak | 46.92 | 11.89 | 58.81 | 74.00 | -15.19 |
| 5460.000 | Average | 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 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11ax40 / Band 3 | Test Date | :2021-02-08 |
| Test Frequency | :5670 MHz | Temp./Humi. | :21.2/55 |
| Test Mode | :BE CH HIGH FULL RU | Antenna Pol. | :Vertical |
| EUT Pol | :NB Plan | Engineer | :Ashton Chiu |



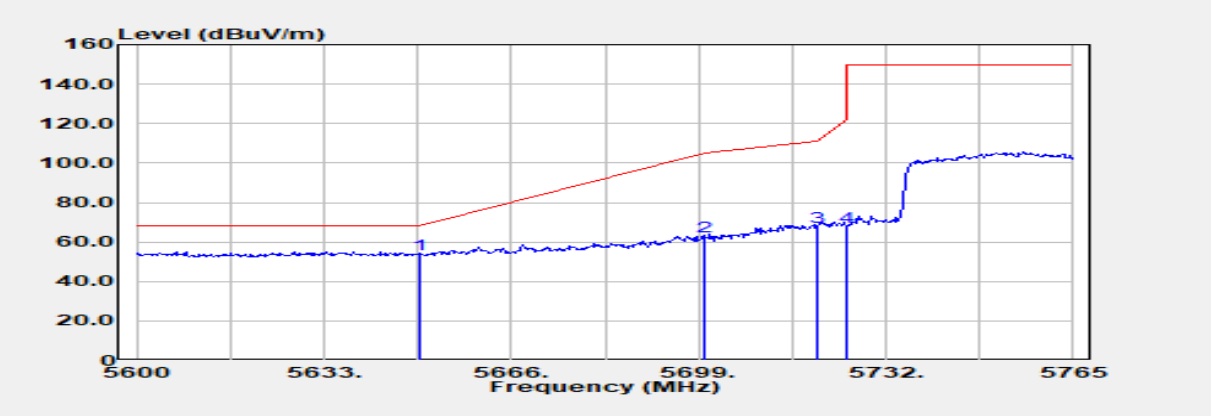

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5725.000 | Peak | 48.81 | 10.62 | 59.43 | 68.20 | -8.77 |
| 5727.692 | Peak | 52.62 | 10.55 | 63.16 | 68.20 | -5.04 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11ax40 / Band 3 | Test Date | :2021-02-08 |
| Test Frequency | :5670 MHz | Temp./Humi. | :21.2/55 |
| Test Mode | :BE CH HIGH FULL RU | Antenna Pol. | :Horizontal |
| EUT Pol | :NB Plan | Engineer | :Ashton Chiu |



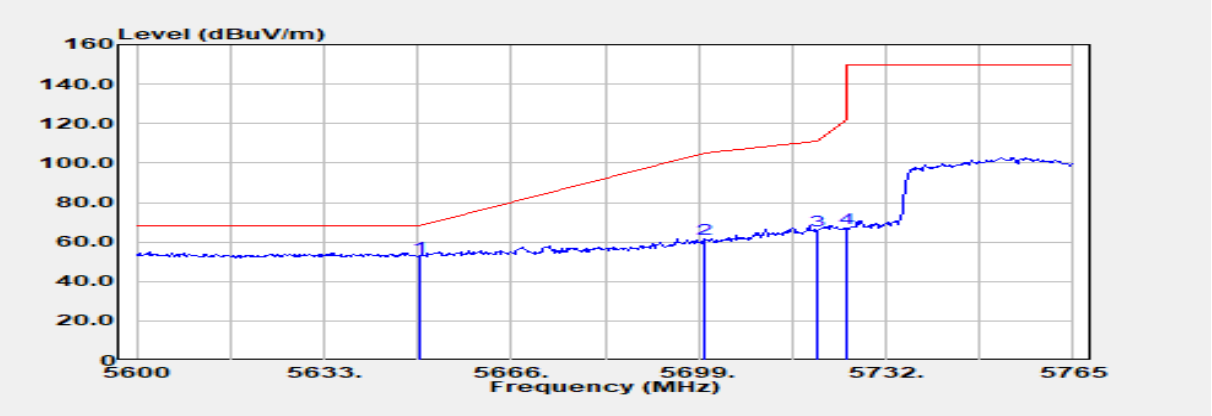

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5725.000 | Peak | 42.95 | 10.62 | 53.57 | 68.20 | -14.63 |
| 5727.885 | Peak | 44.37 | 10.54 | 54.91 | 68.20 | -13.29 |

| | | | |
|---|---|---|---|
| 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 |



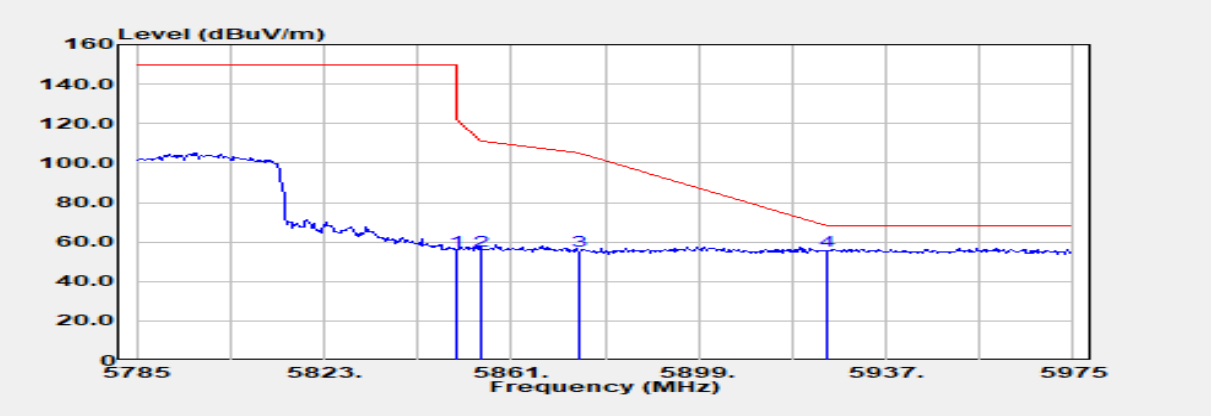

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5650.000 | Peak | 43.40 | 10.51 | 53.91 | 68.20 | -14.29 |
| 5700.000 | Peak | 52.28 | 10.41 | 62.68 | 105.20 | -42.52 |
| 5720.000 | Peak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

| | | | |
|---|---|---|---|
| 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 |



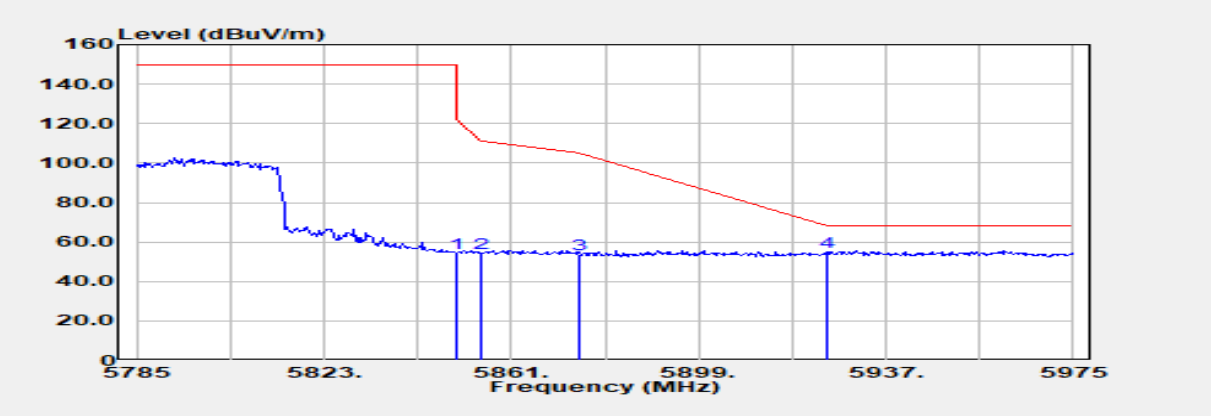

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5650.000 | Peak | 42.25 | 10.51 | 52.76 | 68.20 | -15.44 |
| 5700.000 | Peak | 50.88 | 10.41 | 61.29 | 105.20 | -43.91 |
| 5720.000 | Peak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

| | | | |
|---|---|---|---|
| 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 |



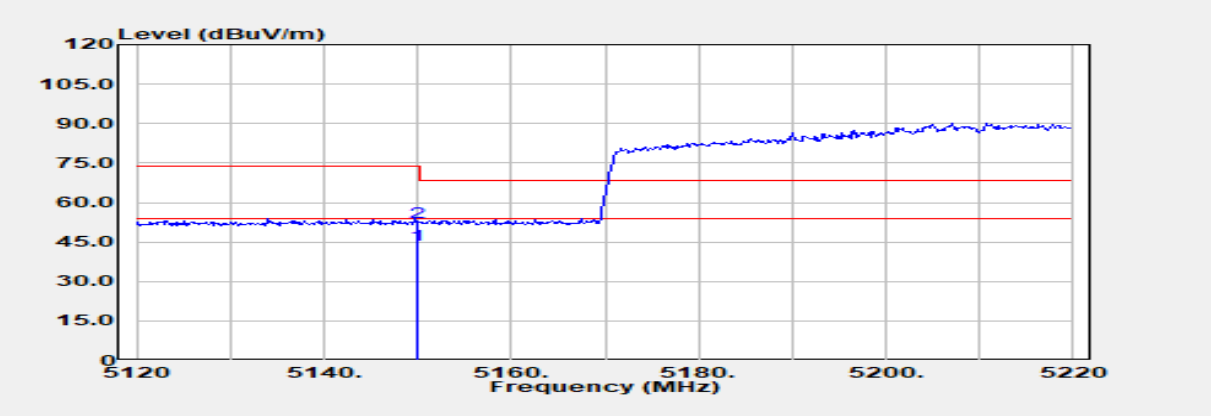

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5850.000 | Peak | 44.23 | 11.31 | 55.53 | 122.20 | -66.67 |
| 5855.000 | Peak | 44.22 | 11.61 | 55.83 | 110.80 | -54.97 |
| 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 |

| | | | |
|---|---|---|---|
| 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 |



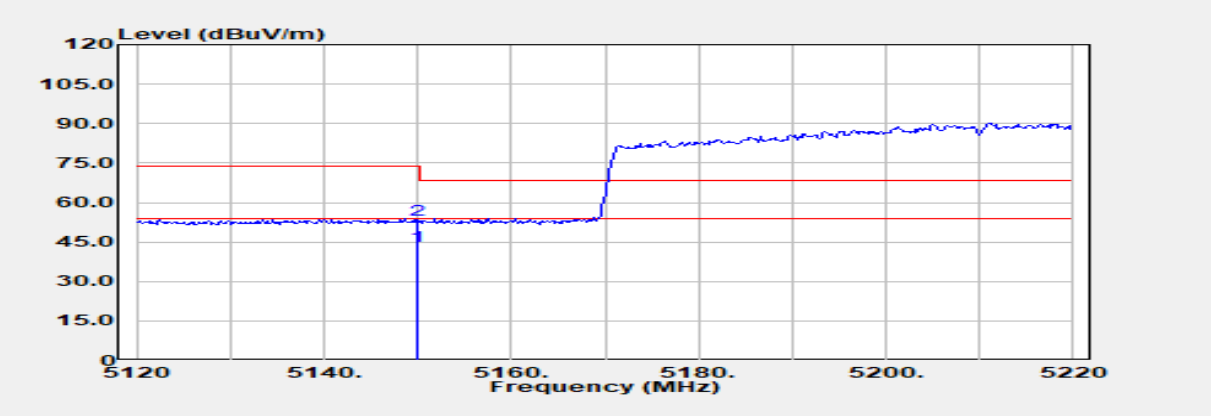

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5850.000 | Peak | 43.31 | 11.31 | 54.62 | 122.20 | -67.58 |
| 5855.000 | Peak | 42.96 | 11.61 | 54.57 | 110.80 | -56.23 |
| 5875.000 | Peak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

| | | | |
|---|---|---|---|
| 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 |



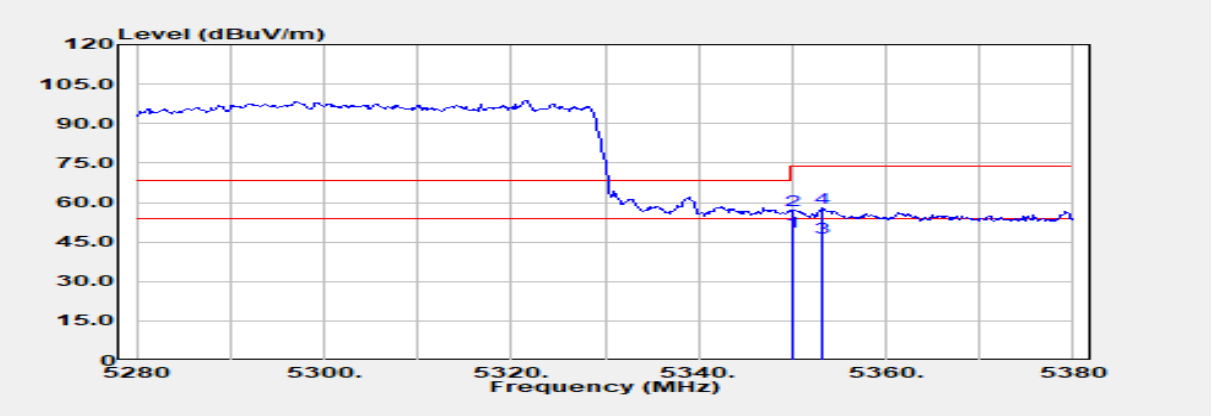

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5150.000 | Average | 33.25 | 10.50 | 43.75 | 54.00 | -10.25 |
| 5150.000 | Peak | 42.16 | 10.50 | 52.66 | 74.00 | -21.34 |

| | | | |
|---|---|---|---|
| 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. | :Horizontal |
| EUT Pol | :NB Plan | Engineer | :Ashton Chiu |



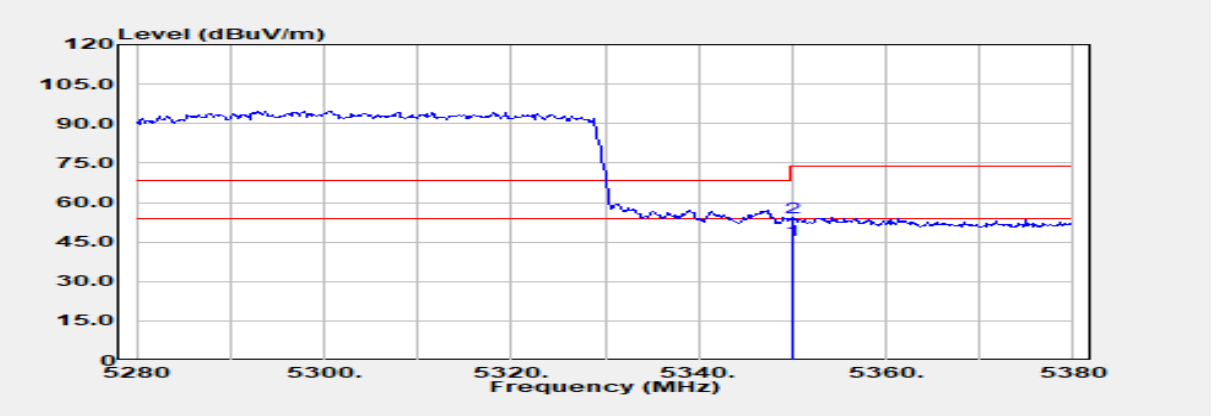

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5150.000 | Average | 33.06 | 10.50 | 43.56 | 54.00 | -10.44 |
| 5150.000 | Peak | 42.73 | 10.50 | 53.23 | 74.00 | -20.77 |

| | | | |
|---|---|---|---|
| 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 |



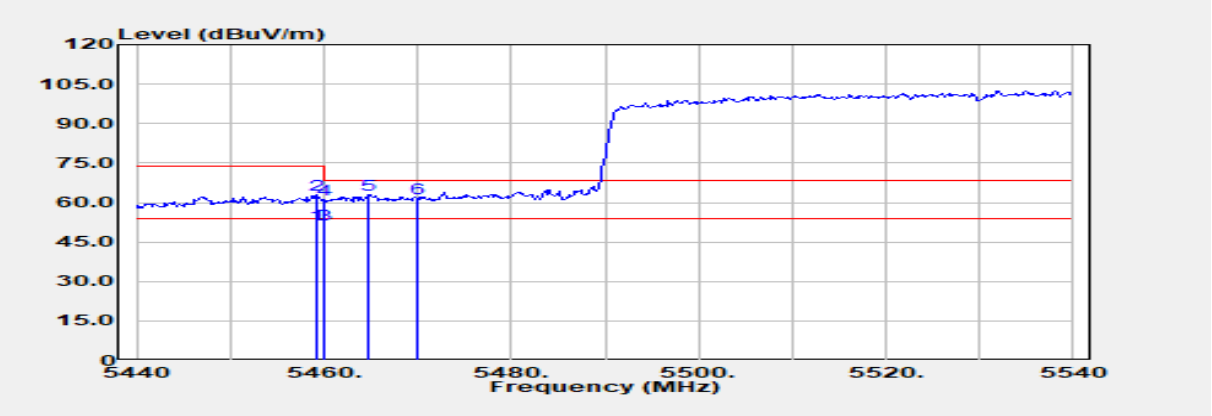

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5350.000 | Average | 37.26 | 11.54 | 48.80 | 54.00 | -5.20 |
| 5350.000 | Peak | 45.73 | 11.54 | 57.26 | 74.00 | -16.74 |
| 5353.237 | Average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

| | | | |
|---|---|---|---|
| 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 |



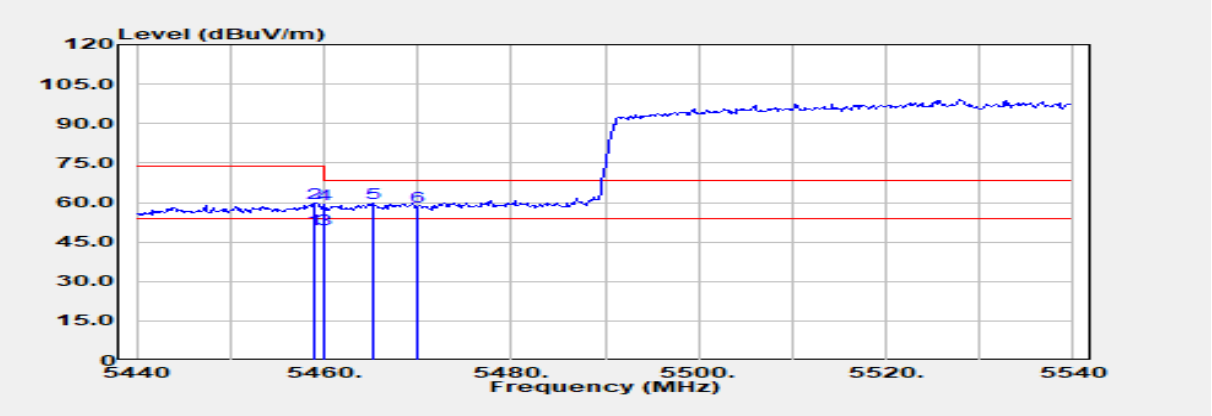

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5350.000 | Average | 34.29 | 11.54 | 45.83 | 54.00 | -8.17 |
| 5350.000 | Peak | 42.62 | 11.54 | 54.16 | 74.00 | -19.84 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11ax80 / Band 3 | Test Date | :2021-02-08 |
| Test Frequency | :5530 MHz | Temp./Humi. | :21.2/55 |
| Test Mode | :BE CH LOW FULL RU | Antenna Pol. | :Vertical |
| EUT Pol | :NB Plan | Engineer | :Ashton Chiu |



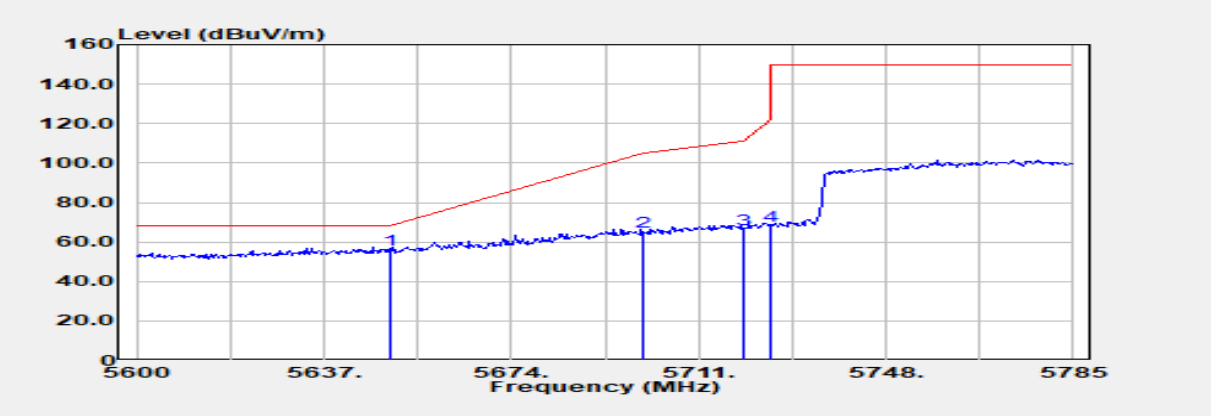

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5459.231 | Average | 39.99 | 11.70 | 51.69 | 54.00 | -2.31 |
| 5459.231 | Peak | 51.15 | 11.70 | 62.85 | 74.00 | -11.15 |
| 5460.000 | Average | 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 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11ax80 / Band 3 | Test Date | :2021-02-08 |
| Test Frequency | :5530 MHz | Temp./Humi. | :21.2/55 |
| Test Mode | :BE CH LOW FULL RU | Antenna Pol. | :Horizontal |
| EUT Pol | :NB Plan | Engineer | :Ashton Chiu |



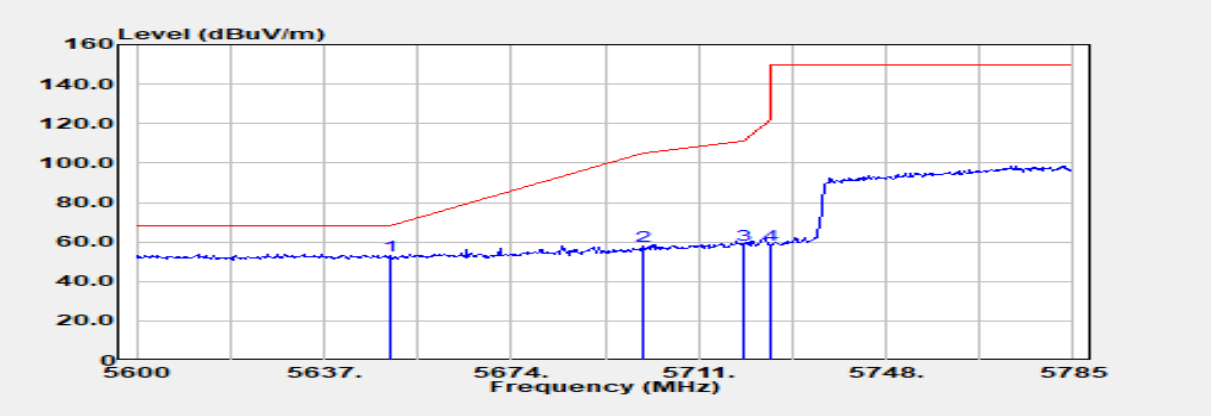

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5458.910 | Average | 37.95 | 11.72 | 49.67 | 54.00 | -4.33 |
| 5458.910 | Peak | 48.11 | 11.72 | 59.83 | 74.00 | -14.17 |
| 5460.000 | Average | 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 |

| | | | |
|---|---|---|---|
| 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. | :Vertical |
| EUT Pol | :NB Plan | Engineer | :Ashton Chiu |



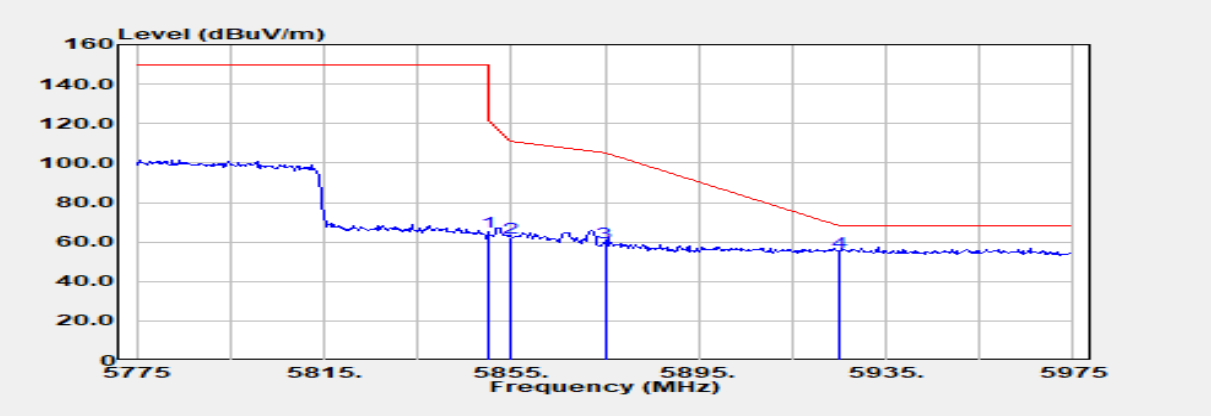

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5650.000 | Peak | 45.77 | 10.51 | 56.28 | 68.20 | -11.92 |
| 5700.000 | Peak | 54.67 | 10.41 | 65.07 | 105.20 | -40.13 |
| 5720.000 | Peak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

| | | | |
|---|---|---|---|
| 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 |



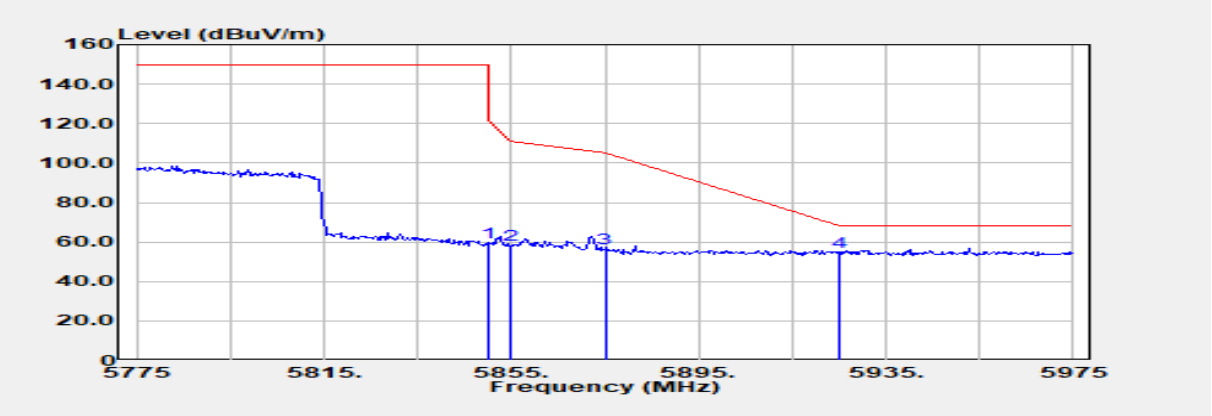

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5650.000 | Peak | 42.64 | 10.51 | 53.14 | 68.20 | -15.06 |
| 5700.000 | Peak | 47.39 | 10.41 | 57.80 | 105.20 | -47.40 |
| 5720.000 | Peak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

| | | | |
|---|---|---|---|
| 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 |

| | | | |
|---|---|---|---|
| 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 dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/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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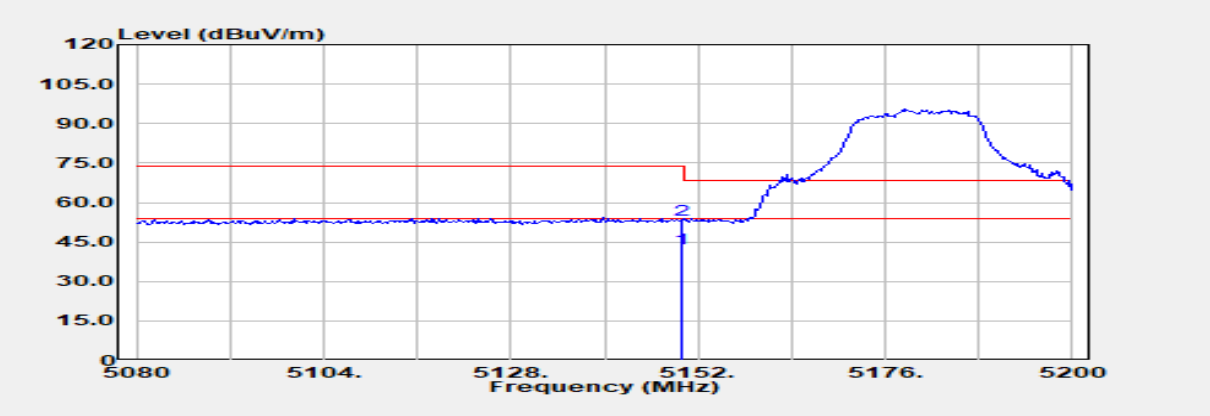
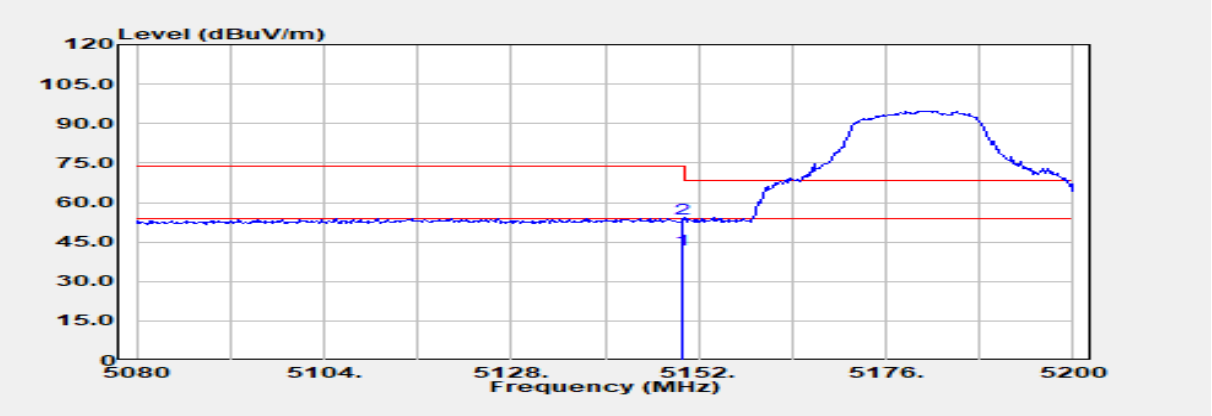
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11a / Band 1 | Test Date | :2021-01-26 |
| Test Frequency | :5180 MHz | Temp./Humi. | :21.9/66 |
| Test Mode | :BE CH LOW | Antenna Pol. | :Vertical |
| EUT Pol | :E2 Plan | Engineer | :Enzo Chang |



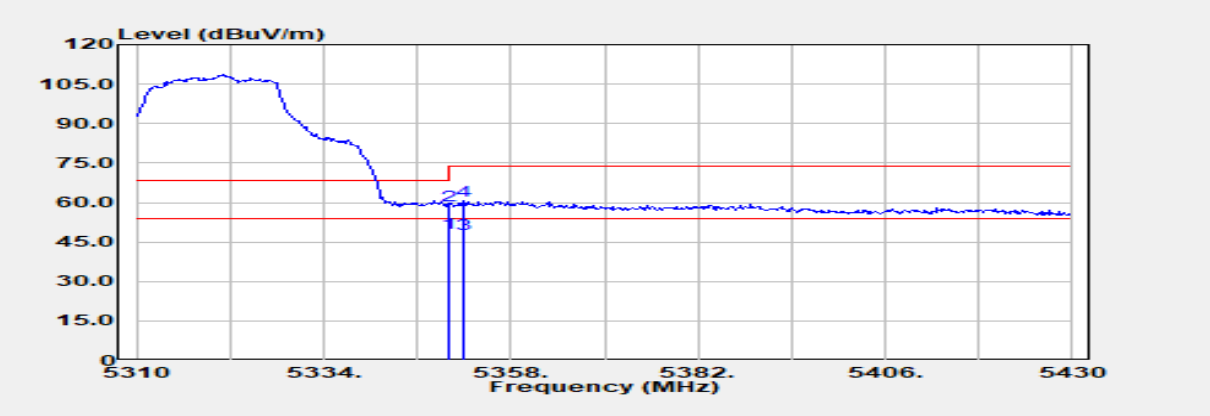

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5150.000 | Average | 31.97 | 10.50 | 42.47 | 54.00 | -11.53 |
| 5150.000 | Peak | 42.88 | 10.50 | 53.37 | 74.00 | -20.63 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11a / Band 1 | Test Date | :2021-01-26 |
| Test Frequency | :5180 MHz | Temp./Humi. | :21.9/66 |
| Test Mode | :BE CH LOW | Antenna Pol. | :Horizontal |
| EUT Pol | :E2 Plan | Engineer | :Enzo Chang |



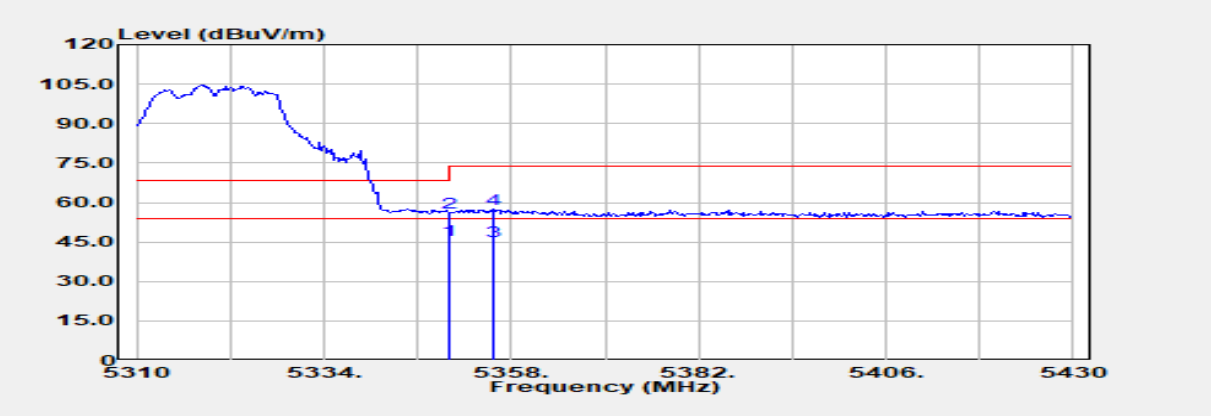

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5150.000 | Average | 31.68 | 10.50 | 42.18 | 54.00 | -11.82 |
| 5150.000 | Peak | 43.56 | 10.50 | 54.06 | 74.00 | -19.94 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11a / Band 2 | Test Date | :2021-02-09 |
| Test Frequency | :5320 MHz | Temp./Humi. | :23.1/51 |
| Test Mode | :BE CH HIGH | Antenna Pol. | :Vertical |
| EUT Pol | :E2 Plan | Engineer | :Enzo Chang |



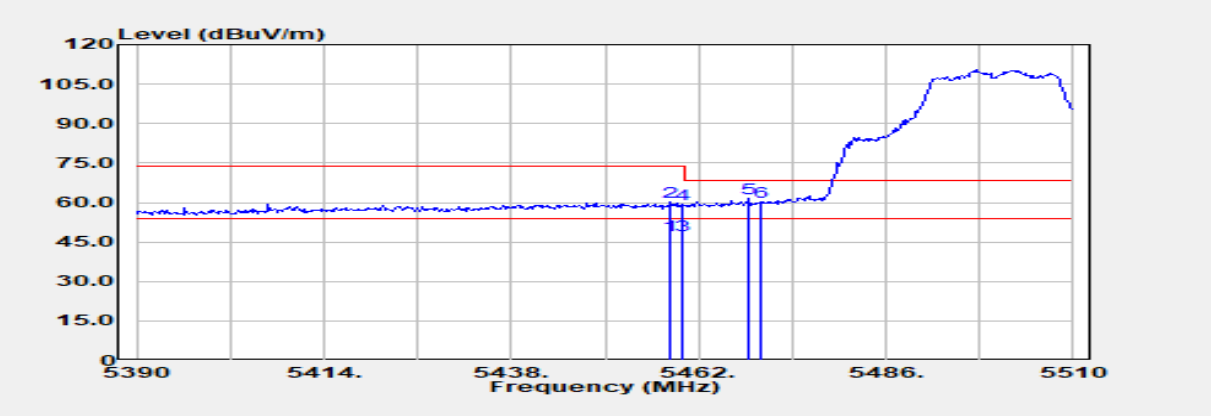

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5350.000 | Average | 36.92 | 11.54 | 48.46 | 54.00 | -5.54 |
| 5350.000 | Peak | 47.44 | 11.54 | 58.98 | 74.00 | -15.02 |
| 5351.923 | Average | 36.39 | 11.56 | 47.95 | 54.00 | -6.05 |
| 5351.923 | Peak | 49.21 | 11.56 | 60.77 | 74.00 | -13.23 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11a / Band 2 | Test Date | :2021-02-09 |
| Test Frequency | :5320 MHz | Temp./Humi. | :23.1/51 |
| Test Mode | :BE CH HIGH | Antenna Pol. | :Horizontal |
| EUT Pol | :E2 Plan | Engineer | :Enzo Chang |



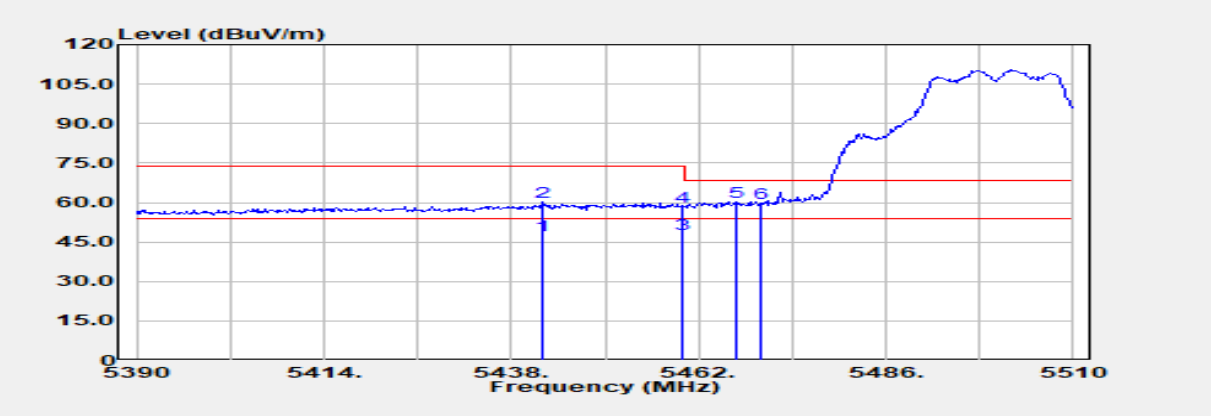

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5350.000 | Average | 34.15 | 11.54 | 45.69 | 54.00 | -8.31 |
| 5350.000 | Peak | 44.60 | 11.54 | 56.14 | 74.00 | -17.86 |
| 5355.577 | Average | 33.78 | 11.59 | 45.37 | 54.00 | -8.63 |
| 5355.577 | Peak | 45.70 | 11.59 | 57.29 | 74.00 | -16.71 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11a / Band 3 | Test Date | :2021-02-09 |
| Test Frequency | :5500 MHz | Temp./Humi. | :23.1/51 |
| Test Mode | :BE CH LOW | Antenna Pol. | :Vertical |
| EUT Pol | :E2 Plan | Engineer | :Enzo Chang |



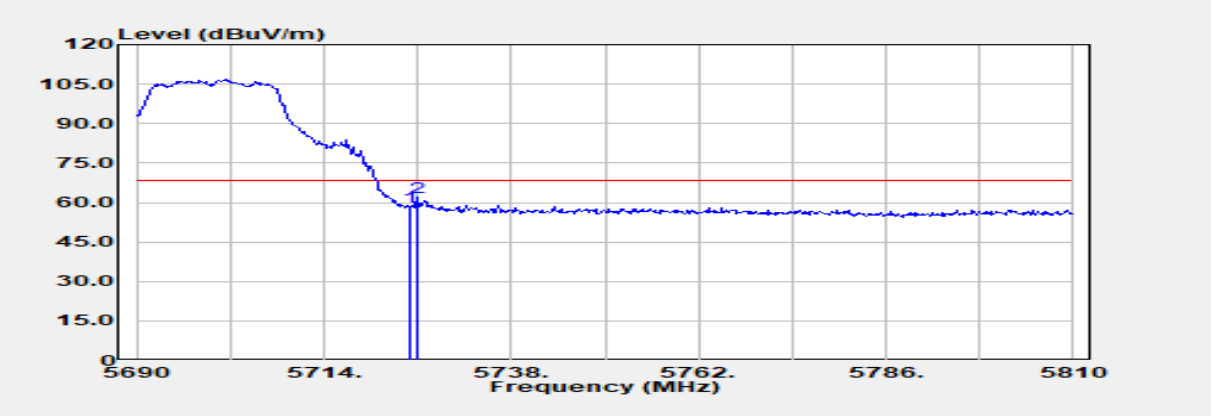

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5458.461 | Average | 35.66 | 11.74 | 47.40 | 54.00 | -6.60 |
| 5458.461 | Peak | 48.43 | 11.74 | 60.17 | 74.00 | -13.83 |
| 5460.000 | Average | 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 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11a / Band 3 | Test Date | :2021-02-09 |
| Test Frequency | :5500 MHz | Temp./Humi. | :20.9/55 |
| Test Mode | :BE CH LOW | Antenna Pol. | :Horizontal |
| EUT Pol | :E2 Plan | Engineer | :Enzo Chang |



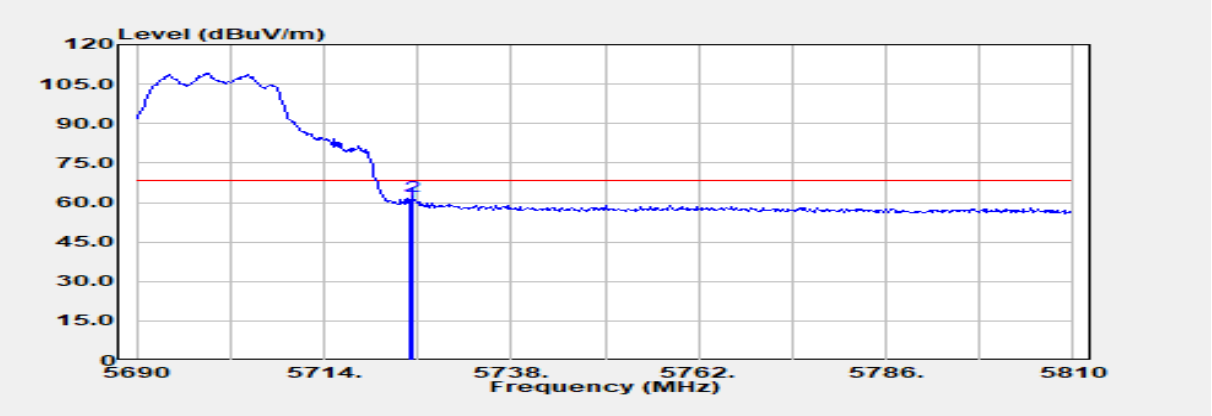

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5442.115 | Average | 35.76 | 12.01 | 47.77 | 54.00 | -6.23 |
| 5442.115 | Peak | 48.20 | 12.01 | 60.22 | 74.00 | -13.78 |
| 5460.000 | Average | 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 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11a / Band 3 | Test Date | :2021-02-09 |
| Test Frequency | :5700 MHz | Temp./Humi. | :20.9/55 |
| Test Mode | :BE CH HIGH | Antenna Pol. | :Vertical |
| EUT Pol | :E2 Plan | Engineer | :Enzo Chang |



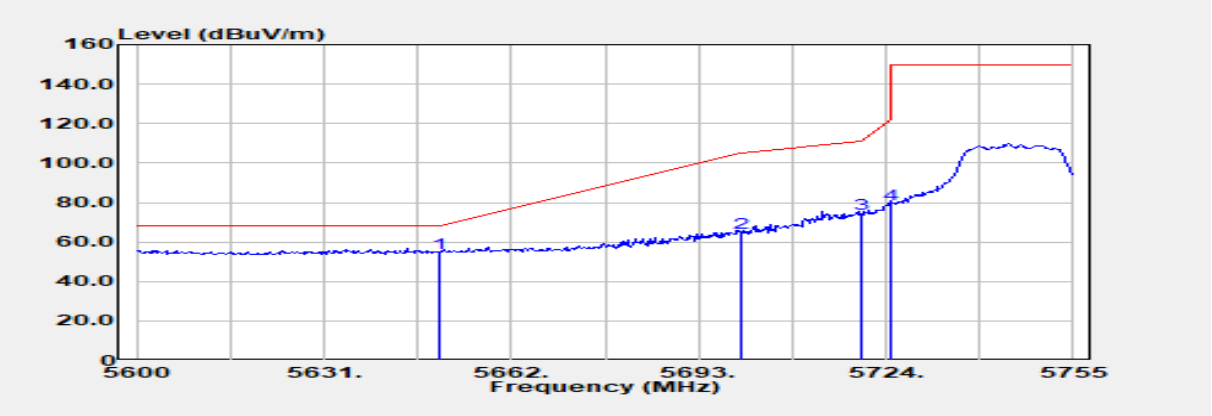

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5725.000 | Peak | 47.67 | 10.62 | 58.29 | 68.20 | -9.91 |
| 5725.961 | Peak | 51.61 | 10.59 | 62.21 | 68.20 | -5.99 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11a / Band 3 | Test Date | :2021-02-09 |
| Test Frequency | :5700 MHz | Temp./Humi. | :20.9/55 |
| Test Mode | :BE CH HIGH | Antenna Pol. | :Horizontal |
| EUT Pol | :E2 Plan | Engineer | :Enzo Chang |



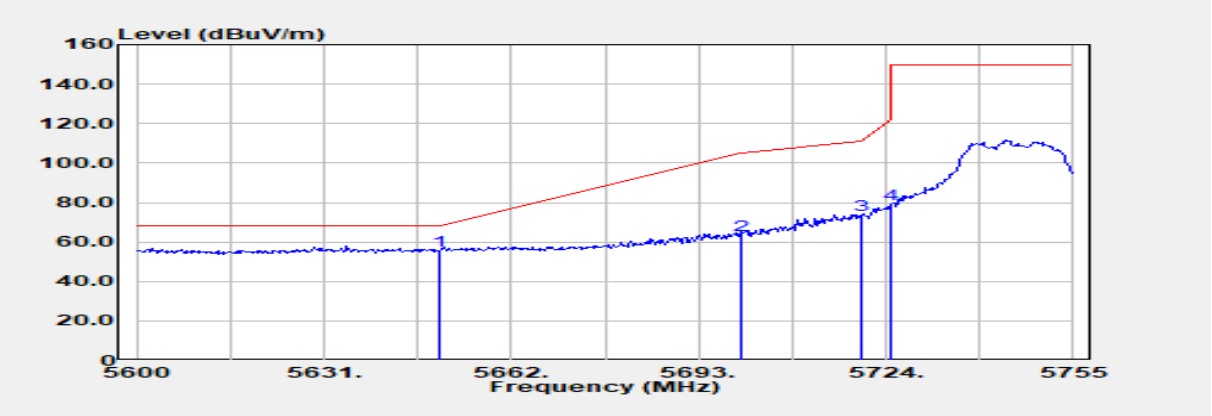

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5725.000 | Peak | 49.48 | 10.62 | 60.10 | 68.20 | -8.10 |
| 5725.192 | Peak | 51.68 | 10.62 | 62.30 | 68.20 | -5.90 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11a / Band 4 | Test Date | :2021-02-09 |
| Test Frequency | :5745 MHz | Temp./Humi. | :20.9/55 |
| Test Mode | :BE CH LOW | Antenna Pol. | :Vertical |
| EUT Pol | :E2 Plan | Engineer | :Enzo Chang |



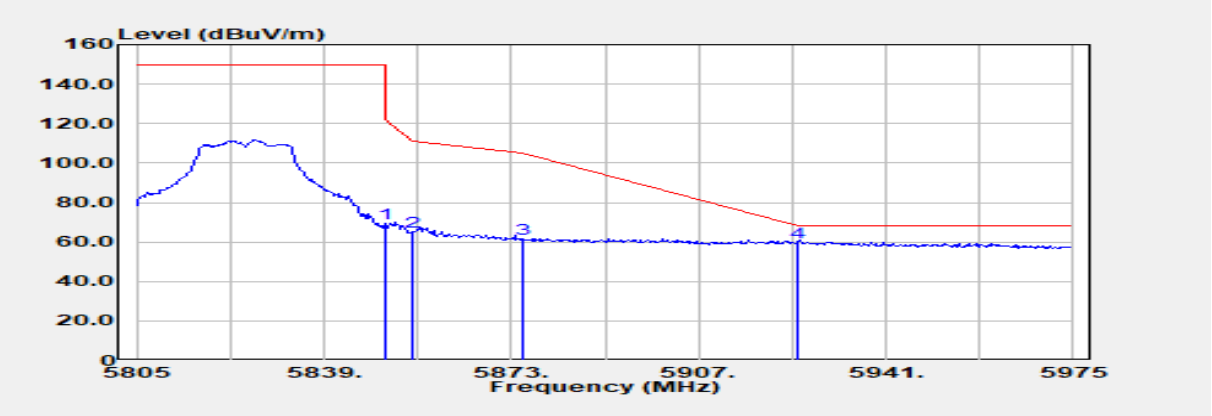

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5650.000 | Peak | 44.05 | 10.51 | 54.55 | 68.20 | -13.65 |
| 5700.000 | Peak | 53.97 | 10.41 | 64.37 | 105.20 | -40.83 |
| 5720.000 | Peak | 63.42 | 10.76 | 74.18 | 110.80 | -36.62 |
| 5725.000 | Peak | 68.59 | 10.62 | 79.21 | 122.20 | -42.99 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11a / Band 4 | Test Date | :2021-02-09 |
| Test Frequency | :5745 MHz | Temp./Humi. | :20.9/55 |
| Test Mode | :BE CH LOW | Antenna Pol. | :Horizontal |
| EUT Pol | :E2 Plan | Engineer | :Enzo Chang |



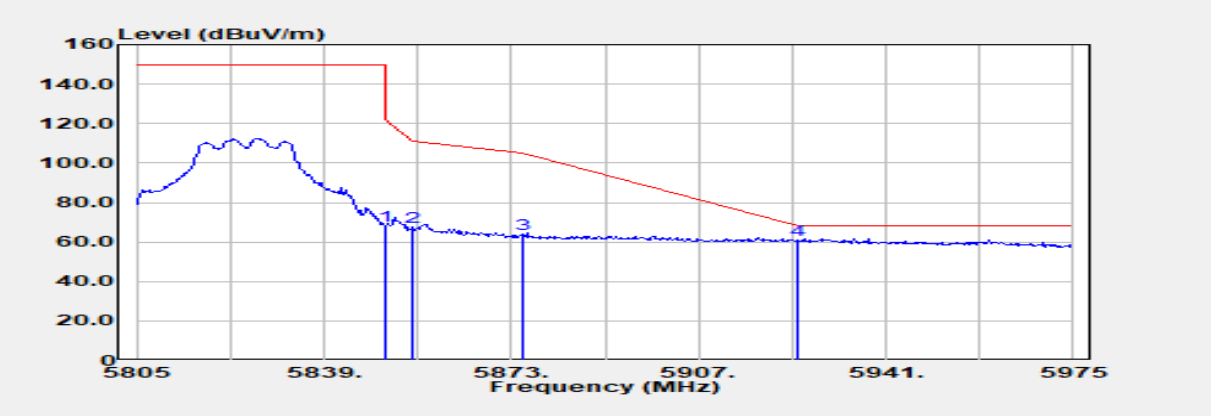

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5650.000 | Peak | 45.10 | 10.51 | 55.60 | 68.20 | -12.60 |
| 5700.000 | Peak | 52.70 | 10.41 | 63.10 | 105.20 | -42.10 |
| 5720.000 | Peak | 62.65 | 10.76 | 73.41 | 110.80 | -37.39 |
| 5725.000 | Peak | 68.54 | 10.62 | 79.16 | 122.20 | -43.04 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11a / Band 4 | Test Date | :2021-02-09 |
| Test Frequency | :5825 MHz | Temp./Humi. | :20.9/55 |
| Test Mode | :BE CH HIGH | Antenna Pol. | :Vertical |
| EUT Pol | :E2 Plan | Engineer | :Enzo Chang |




| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | 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 |

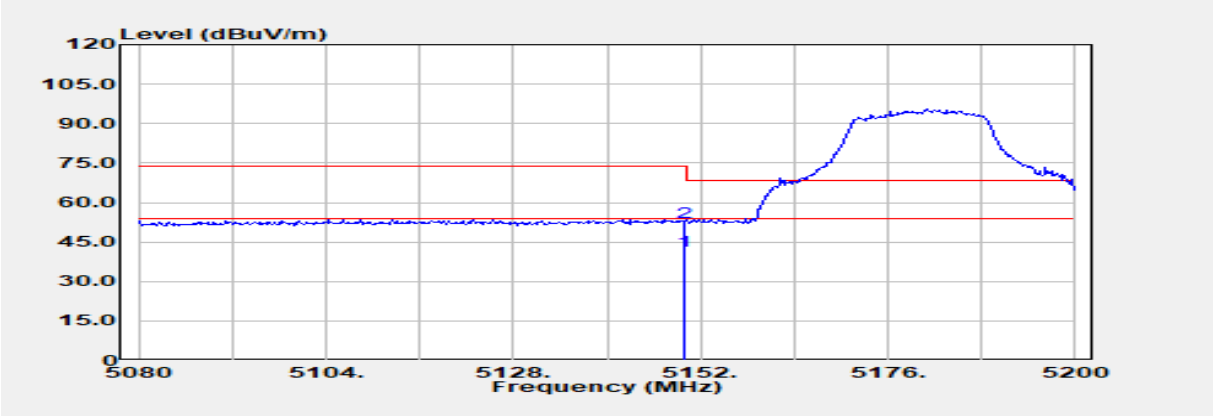
| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11a / Band 4 | Test Date | :2021-02-09 |
| Test Frequency | :5825 MHz | Temp./Humi. | :20.9/55 |
| Test Mode | :BE CH HIGH | Antenna Pol. | :Horizontal |
| EUT Pol | :E2 Plan | Engineer | :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 | 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 |

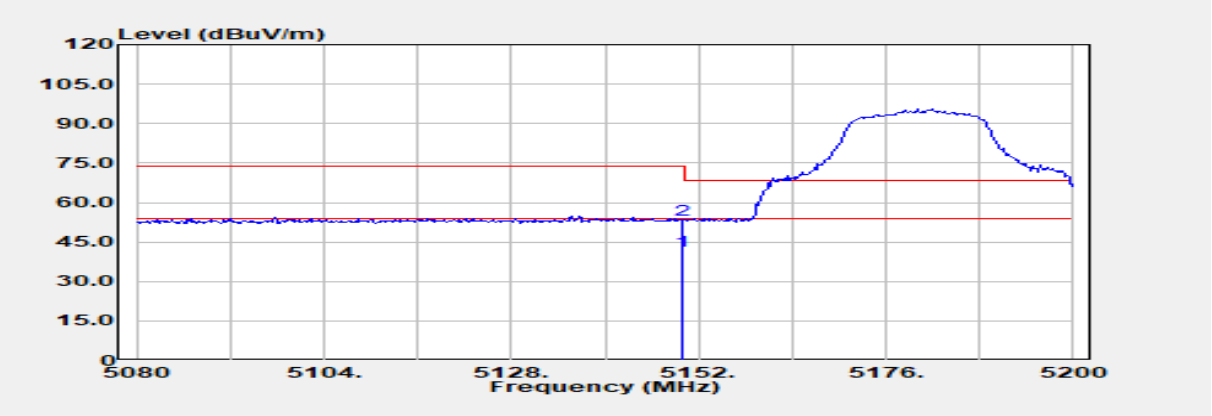
| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n20 / Band 1 | Test Date | :2021-01-26 |

| | | | |
|---|---|---|---|
| Test Frequency | :5180 MHz | Temp./Humi. | :21.9/66 |
| Test Mode | :BE CH LOW | Antenna Pol. | :Vertical |
| EUT Pol | :E2 Plan | Engineer | :Enzo Chang |



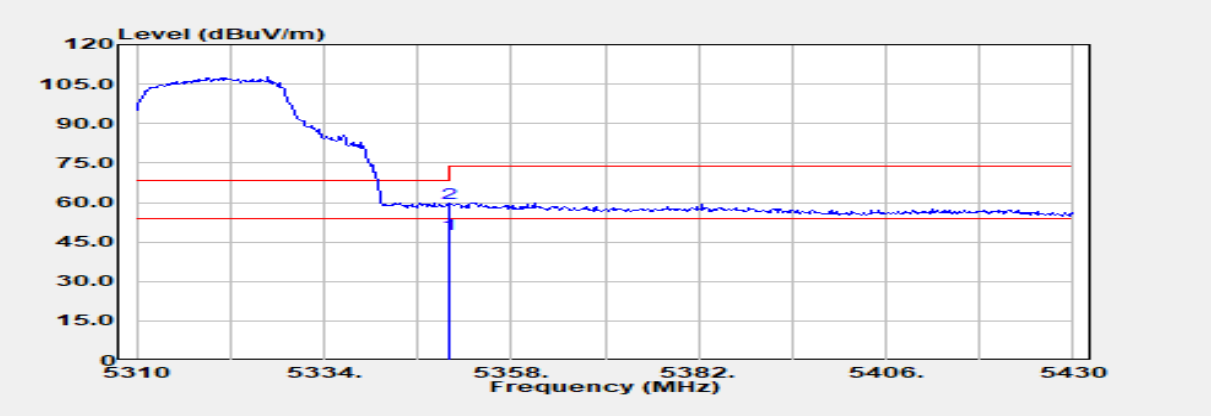

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5150.000 | Average | 30.99 | 10.50 | 41.49 | 54.00 | -12.51 |
| 5150.000 | Peak | 42.23 | 10.50 | 52.73 | 74.00 | -21.27 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n20 / Band 1 | Test Date | :2021-01-26 |
| Test Frequency | :5180 MHz | Temp./Humi. | :21.9/66 |
| Test Mode | :BE CH LOW | Antenna Pol. | :Horizontal |
| EUT Pol | :E2 Plan | Engineer | :Enzo Chang |



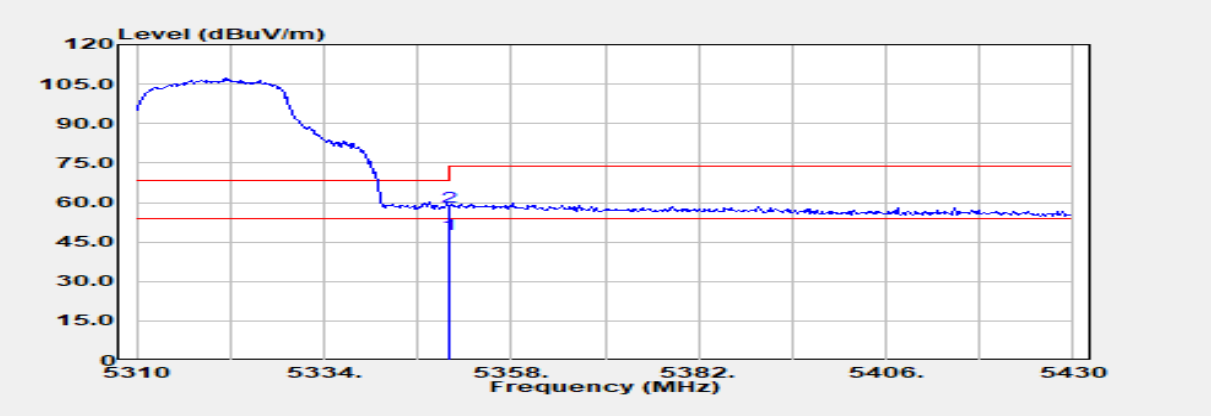

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5150.000 | Average | 31.09 | 10.50 | 41.59 | 54.00 | -12.41 |
| 5150.000 | Peak | 42.75 | 10.50 | 53.25 | 74.00 | -20.75 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n20 / Band 2 | Test Date | :2021-01-26 |
| Test Frequency | :5320 MHz | Temp./Humi. | :21.9/66 |
| Test Mode | :BE CH HIGH | Antenna Pol. | :Vertical |
| EUT Pol | :E2 Plan | Engineer | :Enzo Chang |



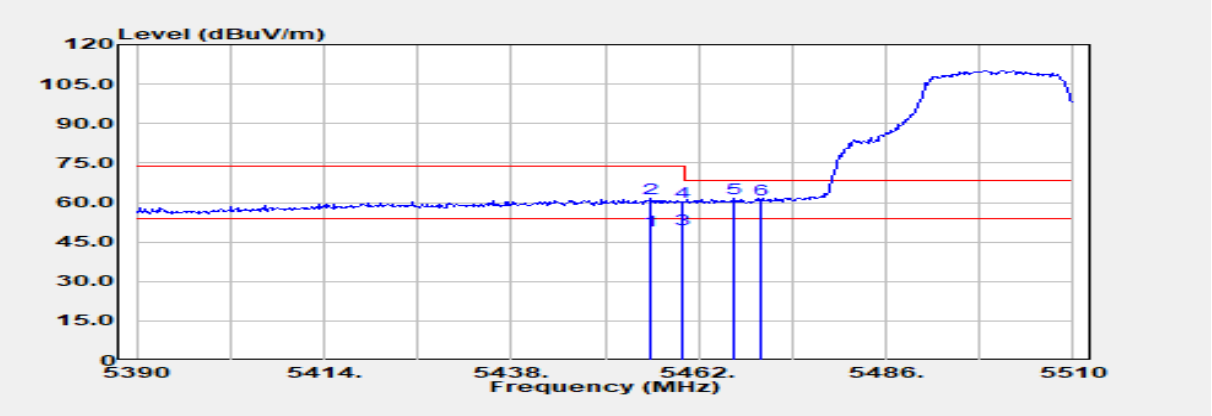

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5350.000 | Average | 36.69 | 11.54 | 48.23 | 54.00 | -5.77 |
| 5350.000 | Peak | 48.05 | 11.54 | 59.58 | 74.00 | -14.42 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n20 / Band 2 | Test Date | :2021-01-26 |
| Test Frequency | :5320 MHz | Temp./Humi. | :21.9/66 |
| Test Mode | :BE CH HIGH | Antenna Pol. | :Horizontal |
| EUT Pol | :E2 Plan | Engineer | :Enzo Chang |



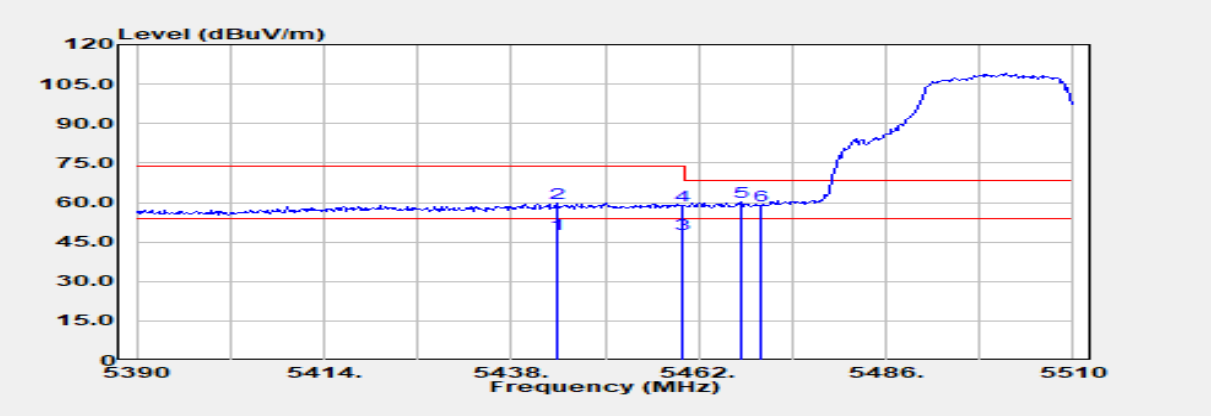

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5350.000 | Average | 36.51 | 11.54 | 48.05 | 54.00 | -5.95 |
| 5350.000 | Peak | 46.75 | 11.54 | 58.28 | 74.00 | -15.72 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n20 / Band 3 | Test Date | :2021-01-26 |
| Test Frequency | :5500 MHz | Temp./Humi. | :21.9/66 |
| Test Mode | :BE CH LOW | Antenna Pol. | :Vertical |
| EUT Pol | :E2 Plan | Engineer | :Enzo Chang |



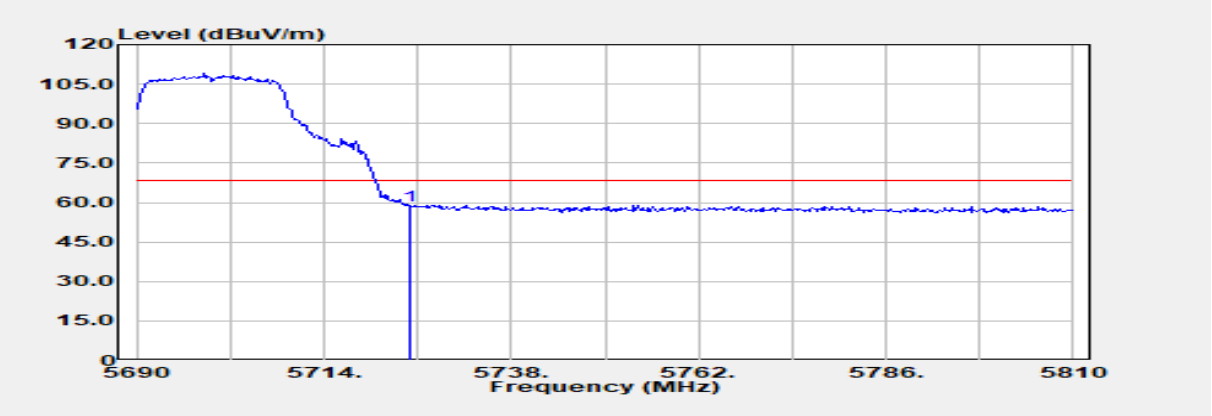

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5455.961 | Average | 37.64 | 11.88 | 49.52 | 54.00 | -4.48 |
| 5455.961 | Peak | 49.54 | 11.88 | 61.42 | 74.00 | -12.58 |
| 5460.000 | Average | 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 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n20 / Band 3 | Test Date | :2021-01-26 |
| Test Frequency | :5500 MHz | Temp./Humi. | :21.9/66 |
| Test Mode | :BE CH LOW | Antenna Pol. | :Horizontal |
| EUT Pol | :E2 Plan | Engineer | :Enzo Chang |



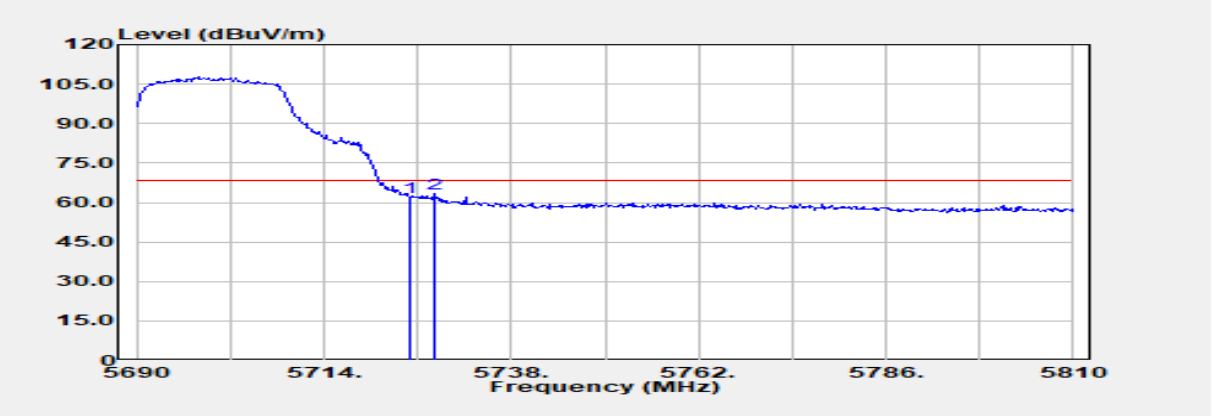

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5443.846 | Average | 35.73 | 12.05 | 47.78 | 54.00 | -6.22 |
| 5443.846 | Peak | 47.72 | 12.05 | 59.77 | 74.00 | -14.23 |
| 5460.000 | Average | 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 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n20 / Band 3 | Test Date | :2021-01-26 |
| Test Frequency | :5700 MHz | Temp./Humi. | :21.9/66 |
| Test Mode | :BE CH HIGH | Antenna Pol. | :Vertical |
| EUT Pol | :E2 Plan | Engineer | :Enzo Chang |



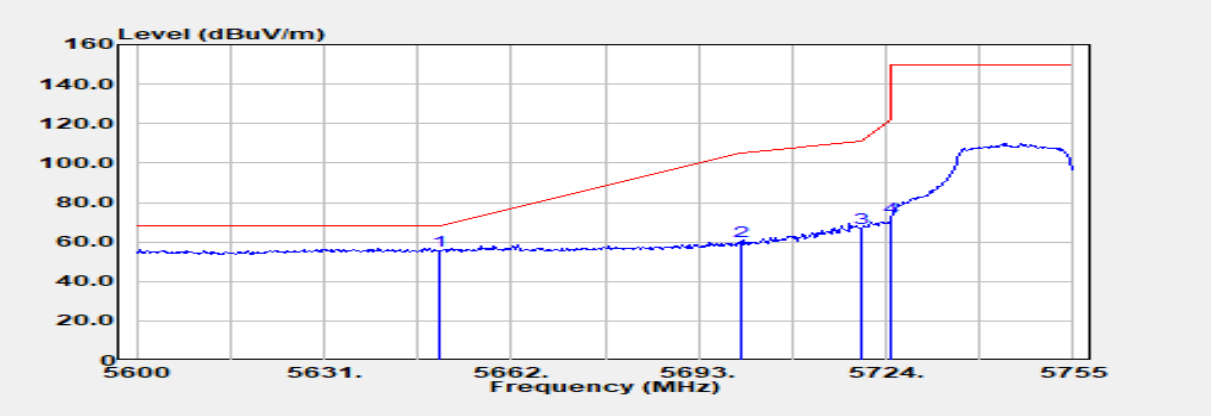

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5725.000 | Peak | 48.06 | 10.62 | 58.68 | 68.20 | -9.52 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n20 / Band 3 | Test Date | :2021-01-26 |
| Test Frequency | :5700 MHz | Temp./Humi. | :21.9/66 |
| Test Mode | :BE CH HIGH | Antenna Pol. | :Horizontal |
| EUT Pol | :E2 Plan | Engineer | :Enzo Chang |



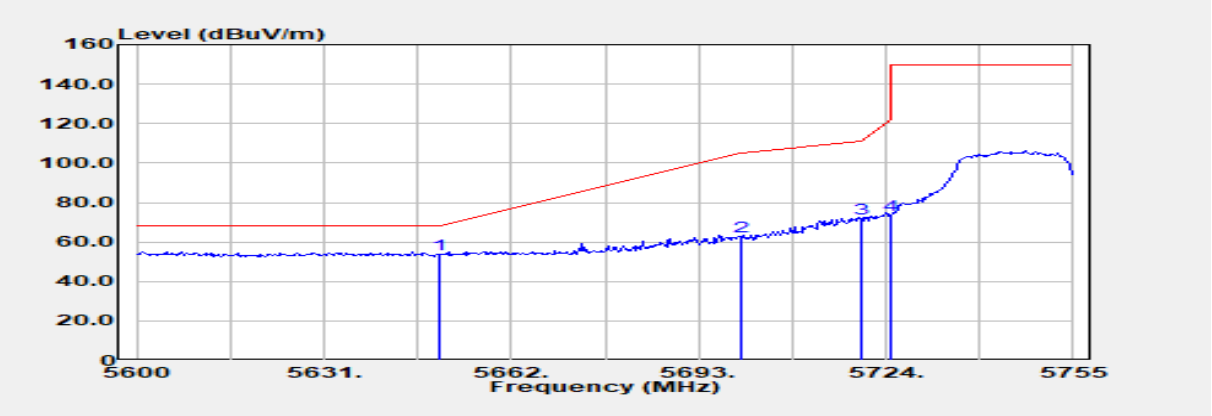

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5725.000 | Peak | 51.61 | 10.62 | 62.23 | 68.20 | -5.97 |
| 5728.269 | Peak | 52.65 | 10.53 | 63.18 | 68.20 | -5.02 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n20 / Band 4 | Test Date | :2021-01-26 |
| Test Frequency | :5745 MHz | Temp./Humi. | :21.9/66 |
| Test Mode | :BE CH LOW | Antenna Pol. | :Vertical |
| EUT Pol | :E2 Plan | Engineer | :Enzo Chang |



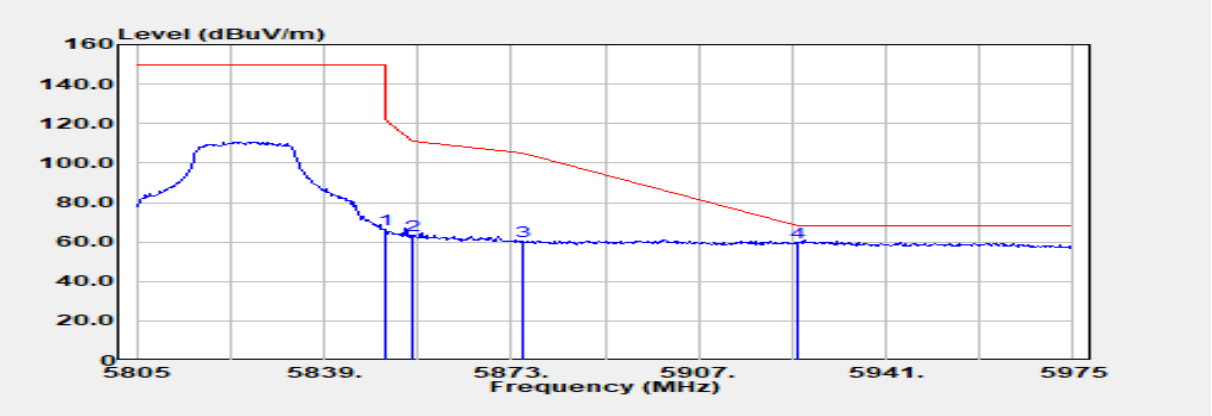

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5650.000 | Peak | 45.07 | 10.51 | 55.58 | 68.20 | -12.62 |
| 5700.000 | Peak | 49.84 | 10.41 | 60.25 | 105.20 | -44.95 |
| 5720.000 | Peak | 56.42 | 10.76 | 67.18 | 110.80 | -43.62 |
| 5725.000 | Peak | 61.58 | 10.62 | 72.20 | 122.20 | -50.00 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n20 / Band 4 | Test Date | :2021-01-26 |
| Test Frequency | :5745 MHz | Temp./Humi. | :21.9/66 |
| Test Mode | :BE CH LOW | Antenna Pol. | :Horizontal |
| EUT Pol | :E2 Plan | Engineer | :Enzo Chang |



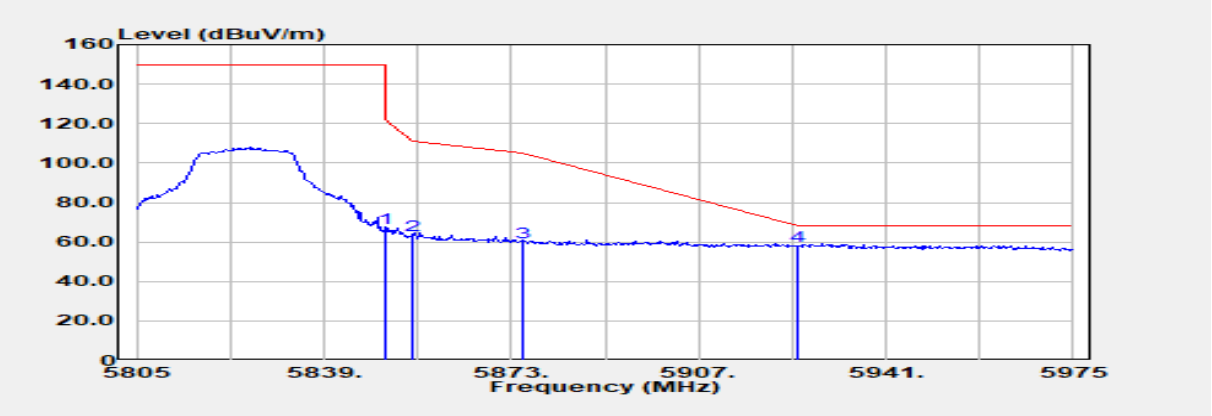

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5650.000 | Peak | 43.27 | 10.51 | 53.77 | 68.20 | -14.43 |
| 5700.000 | Peak | 52.37 | 10.41 | 62.77 | 105.20 | -42.43 |
| 5720.000 | Peak | 61.14 | 10.76 | 71.90 | 110.80 | -38.90 |
| 5725.000 | Peak | 62.77 | 10.62 | 73.39 | 122.20 | -48.81 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n20 / Band 4 | Test Date | :2021-02-09 |
| Test Frequency | :5825 MHz | Temp./Humi. | :21.3/65 |
| Test Mode | :BE CH HIGH | 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 | 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 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n20 / Band 4 | Test Date | :2021-02-09 |
| Test Frequency | :5825 MHz | Temp./Humi. | :21.3/65 |
| Test Mode | :BE CH HIGH | 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 | 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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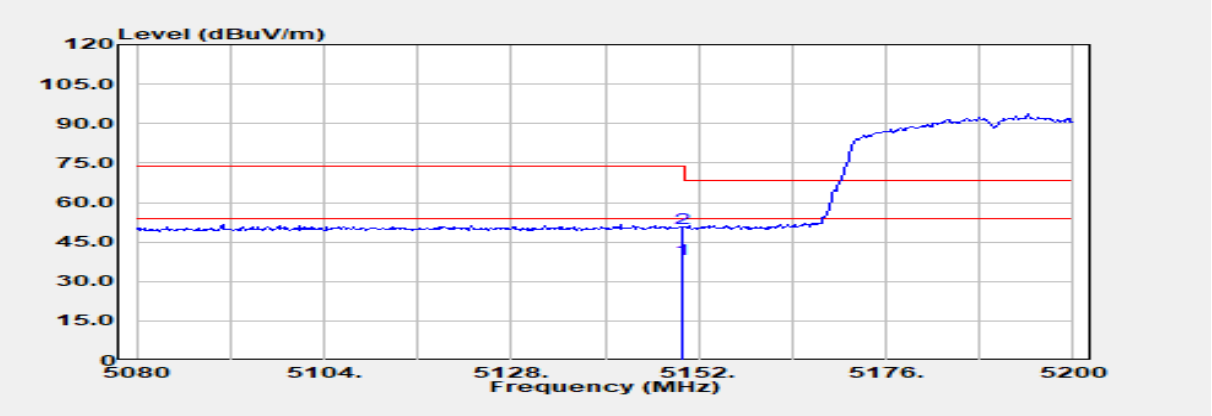
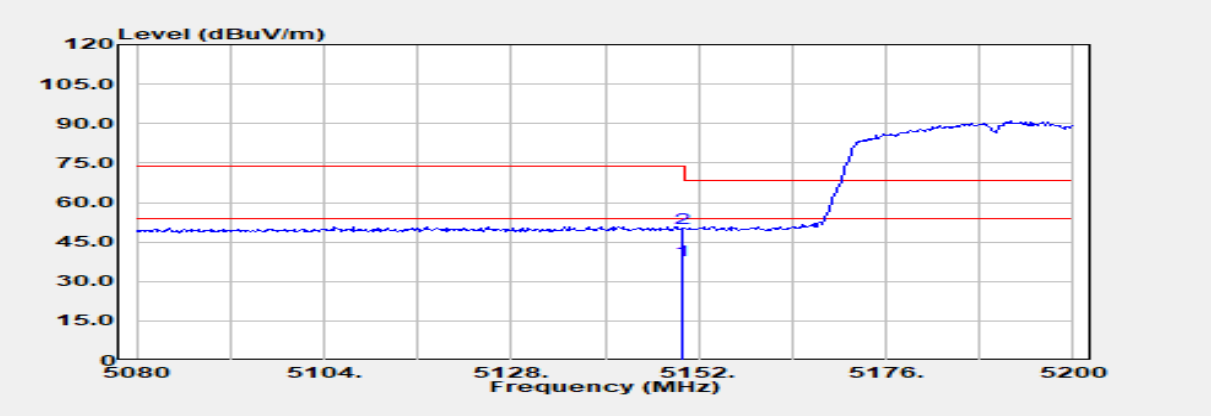
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n40 / Band 1 | Test Date | :2021-01-27 |
| Test Frequency | :5190 MHz | Temp./Humi. | :21.9/62 |
| Test Mode | :BE CH LOW | Antenna Pol. | :Vertical |
| EUT Pol | :E2 Plan | Engineer | :Ashton Chiu |



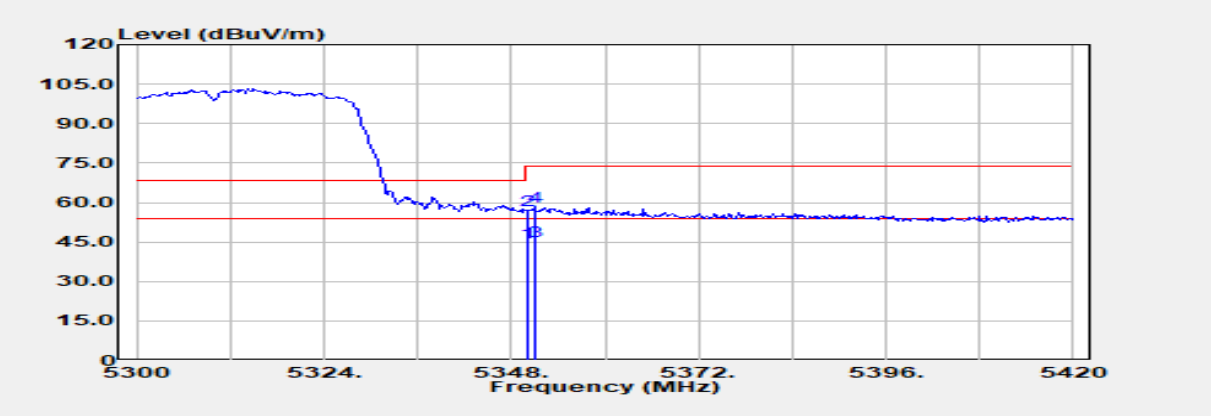

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5150.000 | Average | 28.20 | 10.50 | 38.70 | 54.00 | -15.30 |
| 5150.000 | Peak | 39.74 | 10.50 | 50.23 | 74.00 | -23.77 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n40 / Band 1 | Test Date | :2021-01-27 |
| Test Frequency | :5190 MHz | Temp./Humi. | :21.9/62 |
| Test Mode | :BE CH LOW | Antenna Pol. | :Horizontal |
| EUT Pol | :E2 Plan | Engineer | :Ashton Chiu |



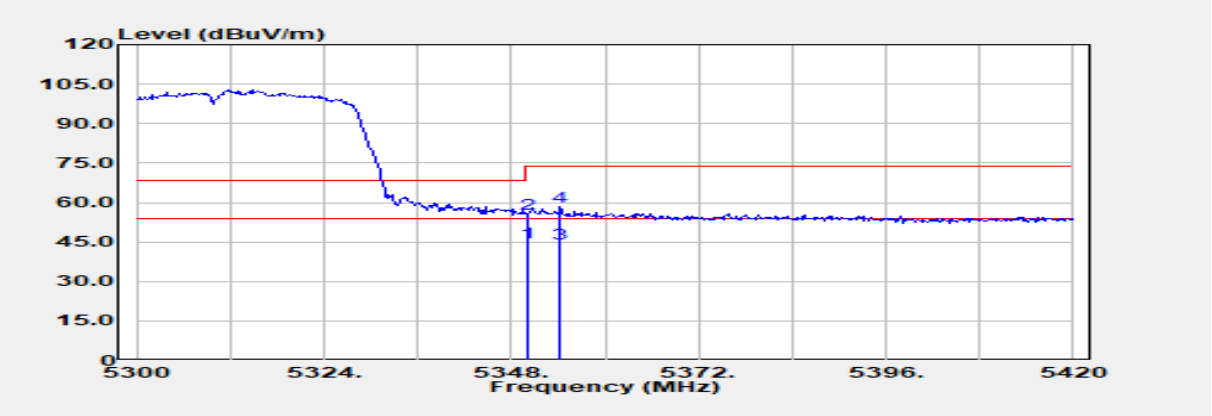

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5150.000 | Average | 27.68 | 10.50 | 38.18 | 54.00 | -15.82 |
| 5150.000 | Peak | 39.73 | 10.50 | 50.23 | 74.00 | -23.77 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n40 / Band 2 | Test Date | :2021-01-27 |
| Test Frequency | :5310 MHz | Temp./Humi. | :21.9/62 |
| Test Mode | :BE CH HIGH | Antenna Pol. | :Vertical |
| EUT Pol | :E2 Plan | Engineer | :Ashton Chiu |



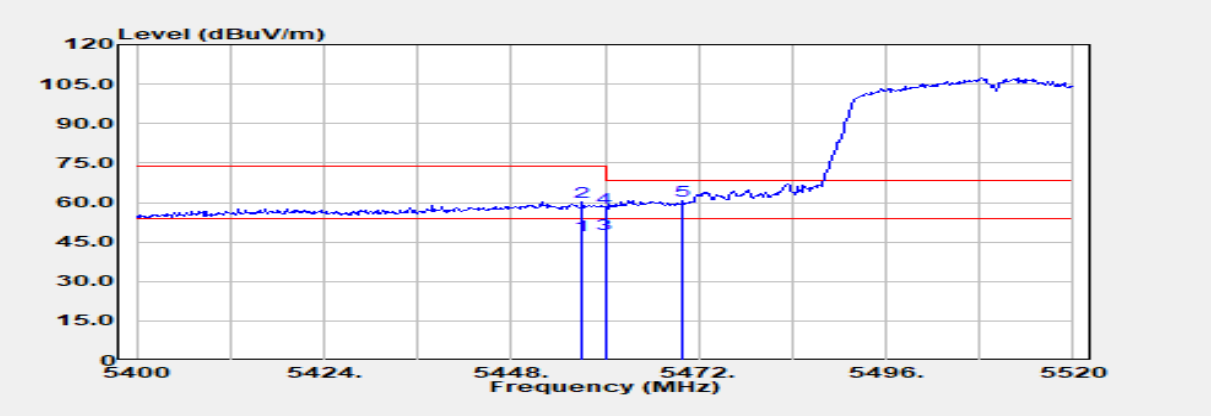

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5350.000 | Average | 33.52 | 11.54 | 45.06 | 54.00 | -8.94 |
| 5350.000 | Peak | 45.36 | 11.54 | 56.90 | 74.00 | -17.10 |
| 5350.961 | Average | 33.52 | 11.55 | 45.07 | 54.00 | -8.93 |
| 5350.961 | Peak | 46.75 | 11.55 | 58.30 | 74.00 | -15.70 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n40 / Band 2 | Test Date | :2021-01-27 |
| Test Frequency | :5310 MHz | Temp./Humi. | :21.9/62 |
| Test Mode | :BE CH HIGH | Antenna Pol. | :Horizontal |
| EUT Pol | :E2 Plan | Engineer | :Ashton Chiu |



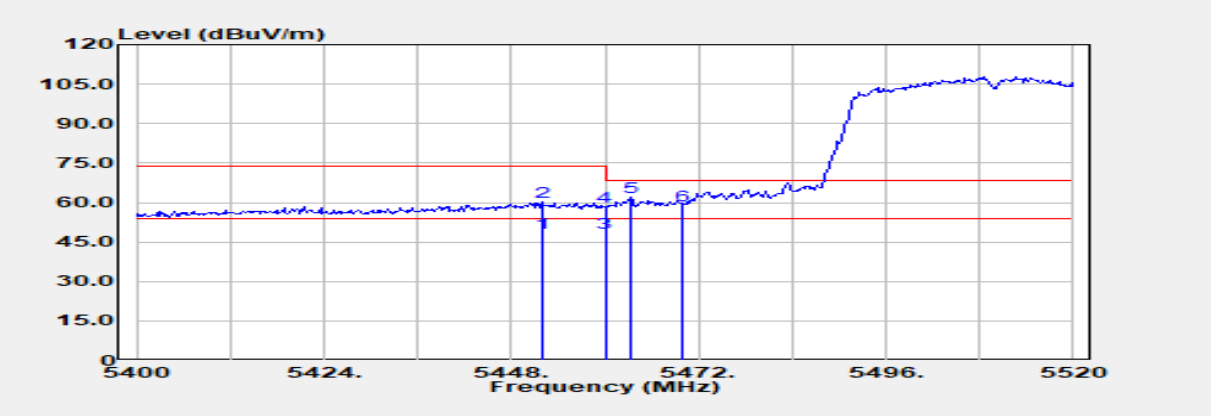

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5350.000 | Average | 33.46 | 11.54 | 45.00 | 54.00 | -9.00 |
| 5350.000 | Peak | 44.07 | 11.54 | 55.60 | 74.00 | -18.40 |
| 5354.231 | Average | 32.81 | 11.58 | 44.39 | 54.00 | -9.61 |
| 5354.231 | Peak | 46.72 | 11.58 | 58.30 | 74.00 | -15.70 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n40 / Band 3 | Test Date | :2021-01-27 |
| Test Frequency | :5510 MHz | Temp./Humi. | :21.9/62 |
| Test Mode | :BE CH LOW | Antenna Pol. | :Vertical |
| EUT Pol | :E2 Plan | Engineer | :Ashton Chiu |



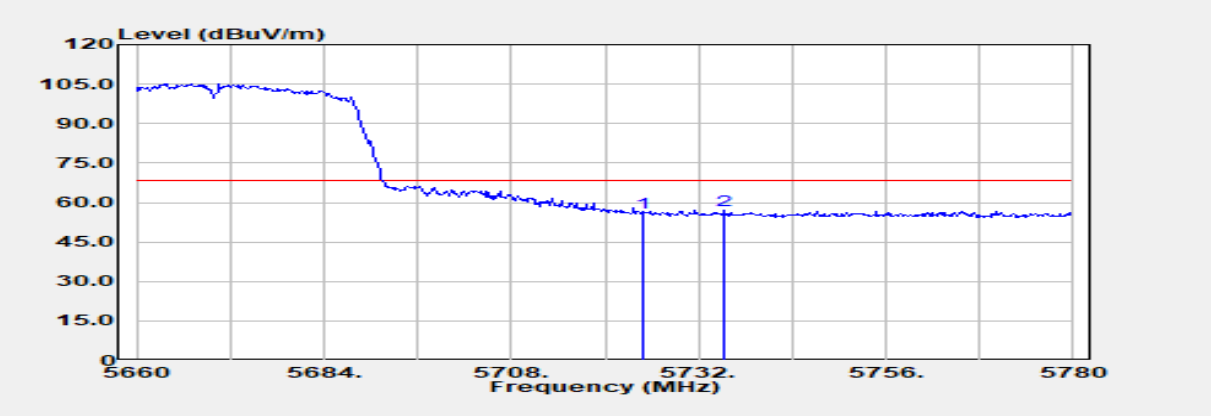

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5457.115 | Average | 35.92 | 11.81 | 47.73 | 54.00 | -6.27 |
| 5457.115 | Peak | 48.27 | 11.81 | 60.08 | 74.00 | -13.92 |
| 5460.000 | Average | 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 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n40 / Band 3 | Test Date | :2021-01-27 |
| Test Frequency | :5510 MHz | Temp./Humi. | :21.9/62 |
| Test Mode | :BE CH LOW | Antenna Pol. | :Horizontal |
| EUT Pol | :E2 Plan | Engineer | :Ashton Chiu |



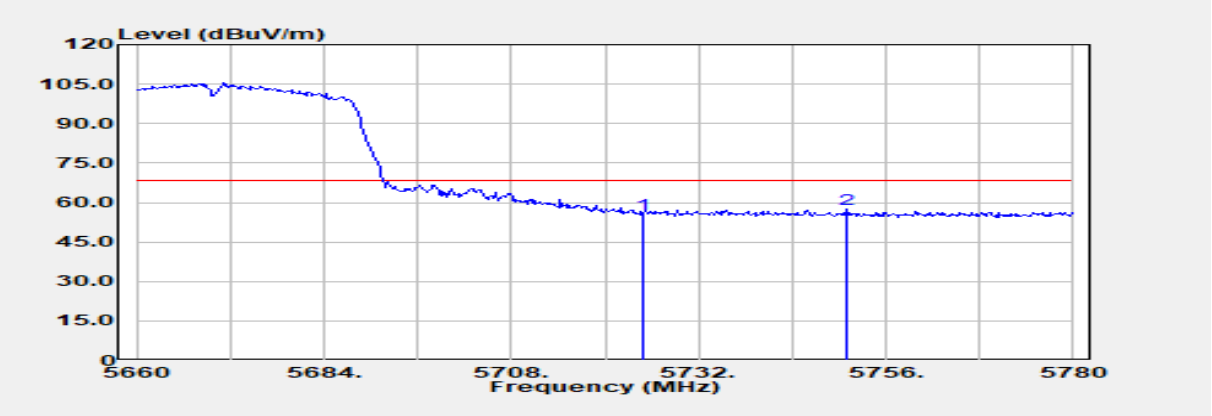

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5451.923 | Average | 36.24 | 12.09 | 48.33 | 54.00 | -5.67 |
| 5451.923 | Peak | 47.96 | 12.09 | 60.04 | 74.00 | -13.96 |
| 5460.000 | Average | 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 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n40 / Band 3 | Test Date | :2021-01-27 |
| Test Frequency | :5670 MHz | Temp./Humi. | :22.0/62 |
| Test Mode | :BE CH HIGH | Antenna Pol. | :Vertical |
| EUT Pol | :E2 Plan | Engineer | :Ashton Chiu |



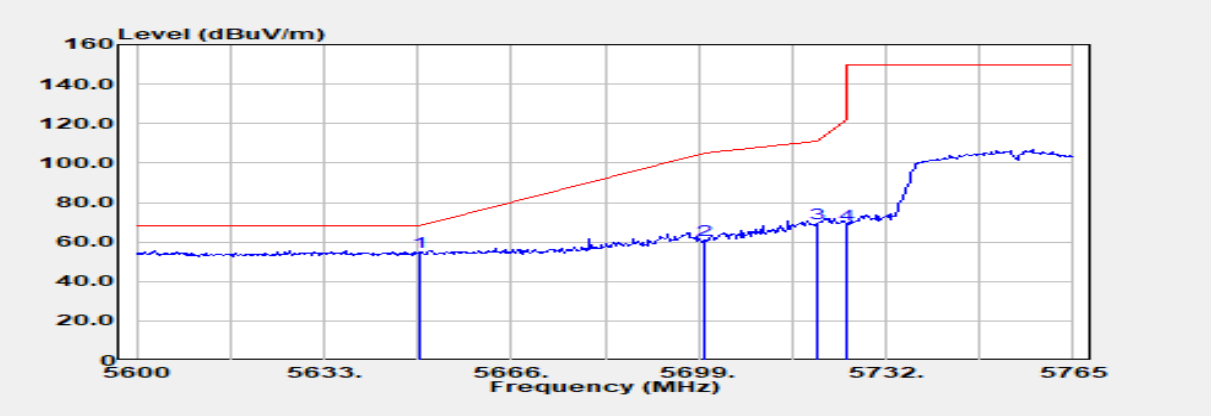

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5725.000 | Peak | 45.34 | 10.62 | 55.96 | 68.20 | -12.24 |
| 5735.385 | Peak | 46.70 | 10.54 | 57.24 | 68.20 | -10.96 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n40 / Band 3 | Test Date | :2021-01-27 |
| Test Frequency | :5670 MHz | Temp./Humi. | :22.0/62 |
| Test Mode | :BE CH HIGH | Antenna Pol. | :Horizontal |
| EUT Pol | :E2 Plan | Engineer | :Ashton Chiu |



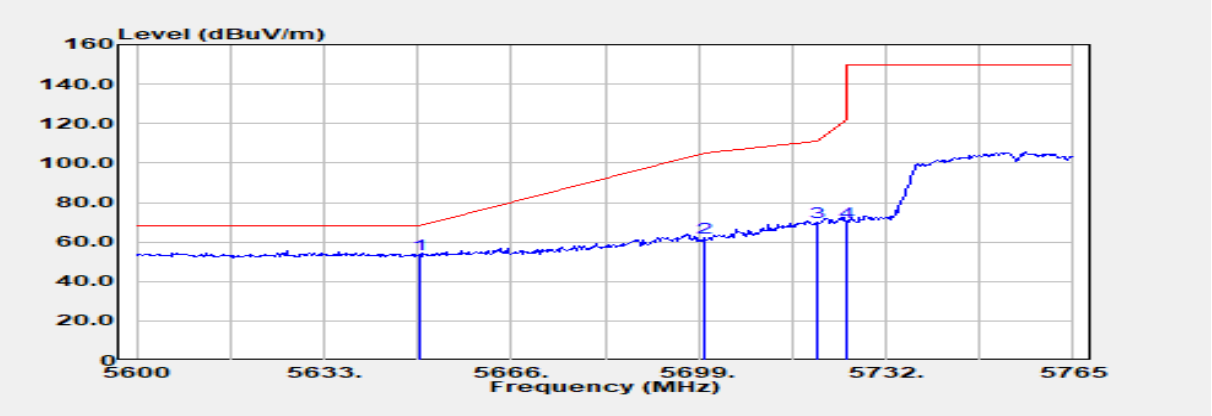

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5725.000 | Peak | 45.20 | 10.62 | 55.83 | 68.20 | -12.37 |
| 5750.961 | Peak | 46.68 | 10.81 | 57.50 | 68.20 | -10.70 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n40 / Band 4 | Test Date | :2021-01-27 |
| Test Frequency | :5755 MHz | Temp./Humi. | :22.0/61 |
| Test Mode | :BE CH LOW | Antenna Pol. | :Vertical |
| EUT Pol | :E2 Plan | Engineer | :Ashton Chiu |



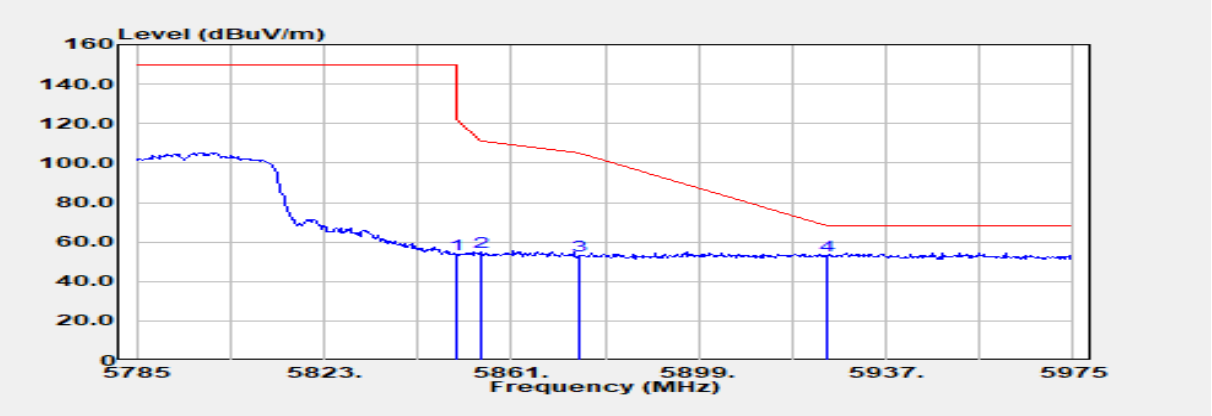

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5650.000 | Peak | 44.31 | 10.51 | 54.82 | 68.20 | -13.38 |
| 5700.000 | Peak | 50.75 | 10.41 | 61.16 | 105.20 | -44.04 |
| 5720.000 | Peak | 58.38 | 10.76 | 69.14 | 110.80 | -41.66 |
| 5725.000 | Peak | 58.42 | 10.62 | 69.04 | 122.20 | -53.16 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n40 / Band 4 | Test Date | :2021-01-27 |
| Test Frequency | :5755 MHz | Temp./Humi. | :22.0/61 |
| Test Mode | :BE CH LOW | Antenna Pol. | :Horizontal |
| EUT Pol | :E2 Plan | Engineer | :Ashton Chiu |



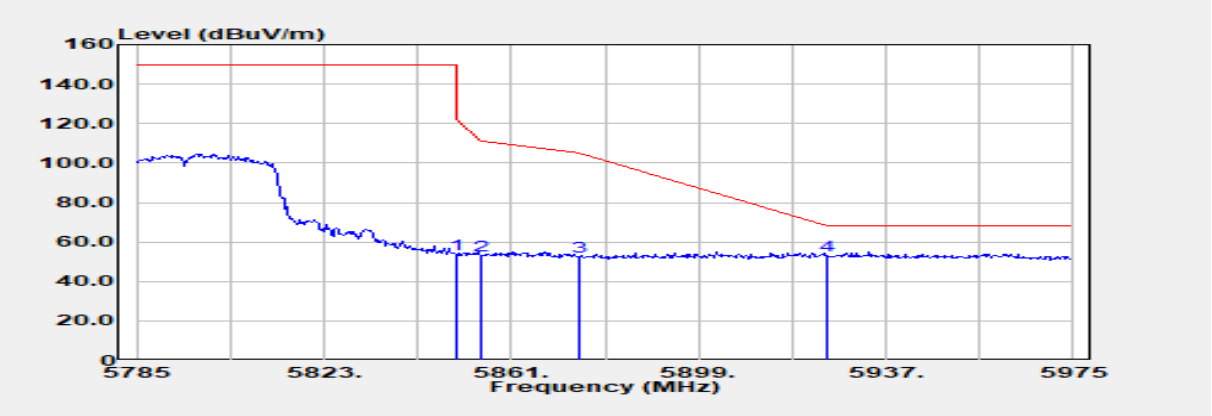

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5650.000 | Peak | 43.04 | 10.51 | 53.54 | 68.20 | -14.66 |
| 5700.000 | Peak | 51.63 | 10.41 | 62.04 | 105.20 | -43.16 |
| 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 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n40 / Band 4 | Test Date | :2021-01-27 |
| Test Frequency | :5795 MHz | Temp./Humi. | :22.0/62 |
| Test Mode | :BE CH HIGH | Antenna Pol. | :Vertical |
| EUT Pol | :E2 Plan | Engineer | :Ashton Chiu |



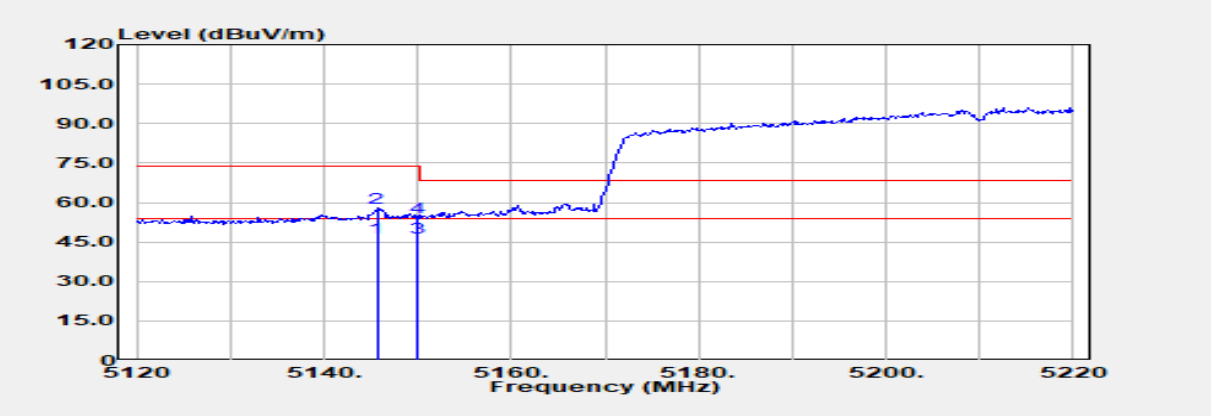

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5850.000 | Peak | 42.37 | 11.31 | 53.68 | 122.20 | -68.52 |
| 5855.000 | Peak | 43.56 | 11.61 | 55.17 | 110.80 | -55.63 |
| 5875.000 | Peak | 41.29 | 12.08 | 53.37 | 105.20 | -51.83 |
| 5925.000 | Peak | 40.32 | 12.98 | 53.30 | 68.20 | -14.90 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11n40 / Band 4 | Test Date | :2021-01-27 |
| Test Frequency | :5795 MHz | Temp./Humi. | :22.0/62 |
| Test Mode | :BE CH HIGH | Antenna Pol. | :Horizontal |
| EUT Pol | :E2 Plan | Engineer | :Ashton Chiu |



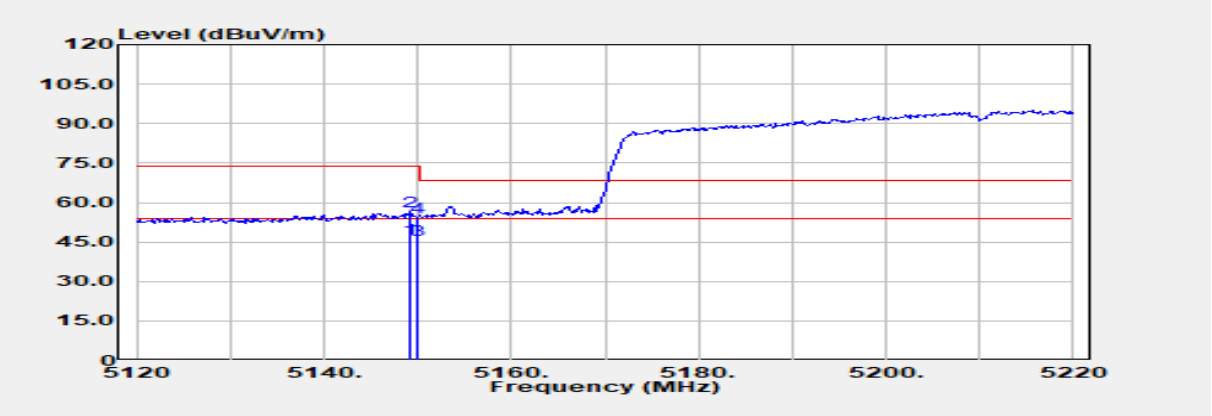

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5850.000 | Peak | 42.26 | 11.31 | 53.56 | 122.20 | -68.64 |
| 5855.000 | Peak | 41.60 | 11.61 | 53.21 | 110.80 | -57.59 |
| 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 |

| | | | |
|---|---|---|---|
| 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 |



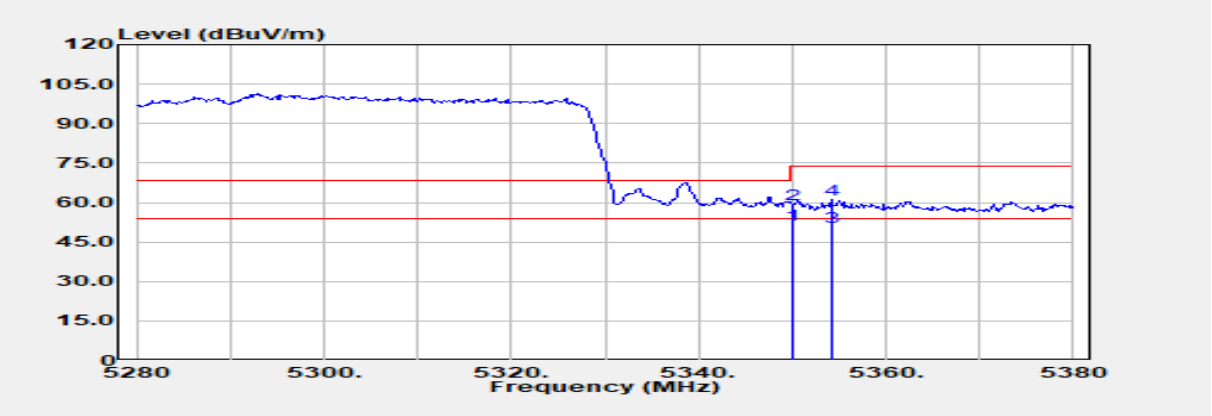

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5145.641 | Average | 36.36 | 10.46 | 46.82 | 54.00 | -7.18 |
| 5145.641 | Peak | 47.31 | 10.46 | 57.77 | 74.00 | -16.23 |
| 5150.000 | Average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

| | | | |
|---|---|---|---|
| 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. | :Horizontal |
| EUT Pol | :E2 Plan | Engineer | :Enzo Chang |



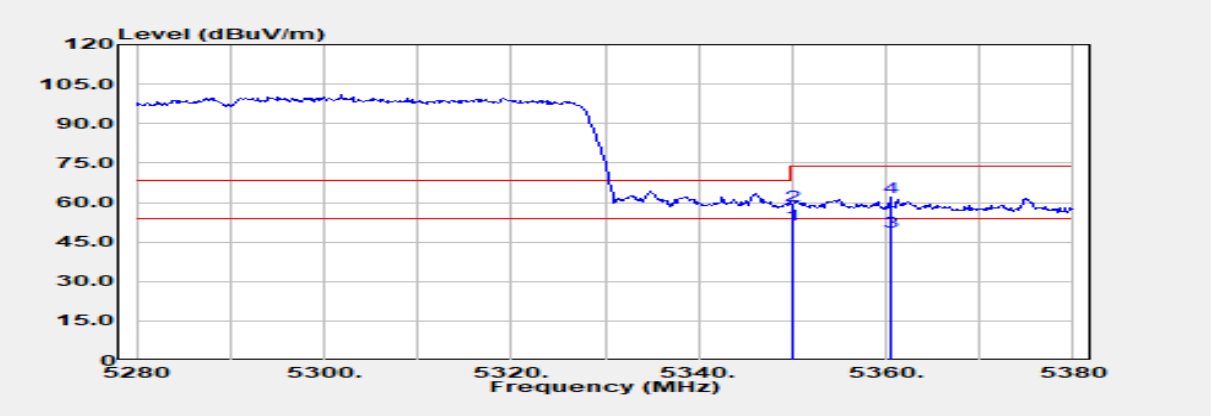

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5149.167 | Average | 35.52 | 10.49 | 46.01 | 54.00 | -7.99 |
| 5149.167 | Peak | 46.02 | 10.49 | 56.52 | 74.00 | -17.48 |
| 5150.000 | Average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

| | | | |
|---|---|---|---|
| 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 |



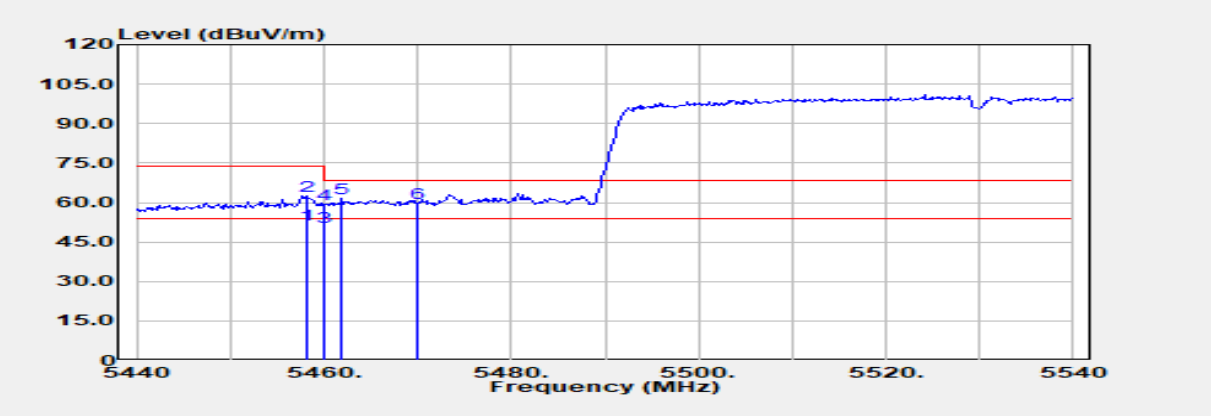

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5350.000 | Average | 40.26 | 11.54 | 51.80 | 54.00 | -2.20 |
| 5350.000 | Peak | 48.00 | 11.54 | 59.54 | 74.00 | -14.46 |
| 5354.199 | Average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

| | | | |
|---|---|---|---|
| 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 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11ac80 / Band 3 | Test Date | :2021-01-27 |
| Test Frequency | :5530 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 |
|---|---|---|---|---|---|---|
| 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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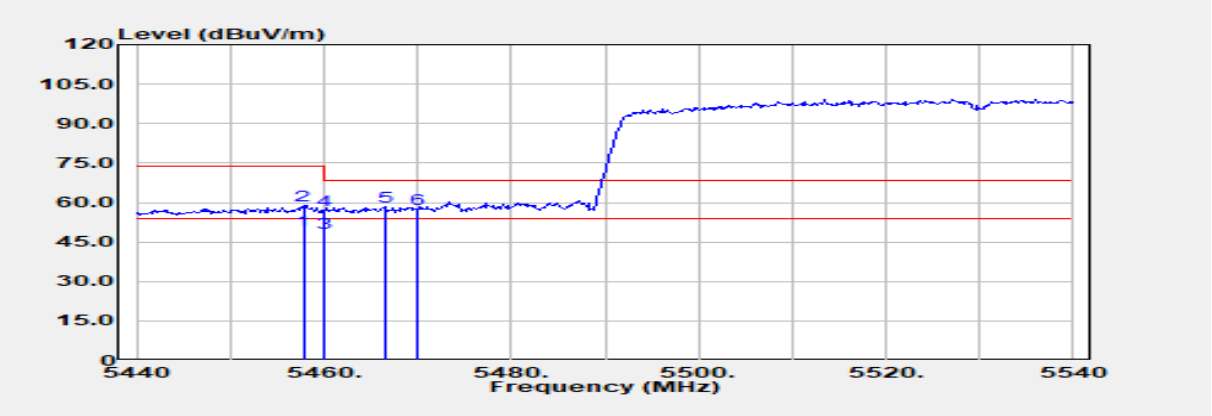
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11ac80 / Band 3 | Test Date | :2021-01-27 |
| Test Frequency | :5530 MHz | Temp./Humi. | :22.4/64 |
| Test Mode | :BE CH LOW FULL RU | Antenna Pol. | :Horizontal |
| EUT Pol | :E2 Plan | Engineer | :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 |
|---|---|---|---|---|---|---|
| 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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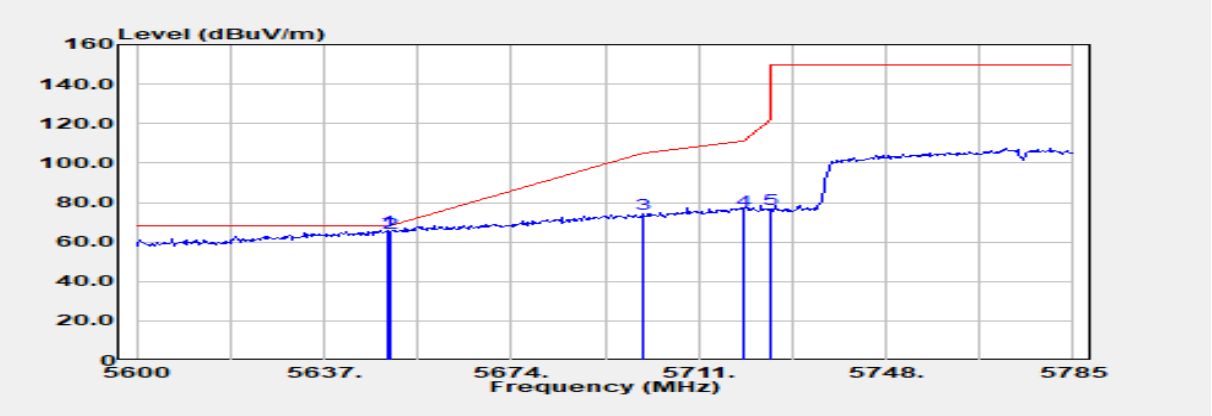
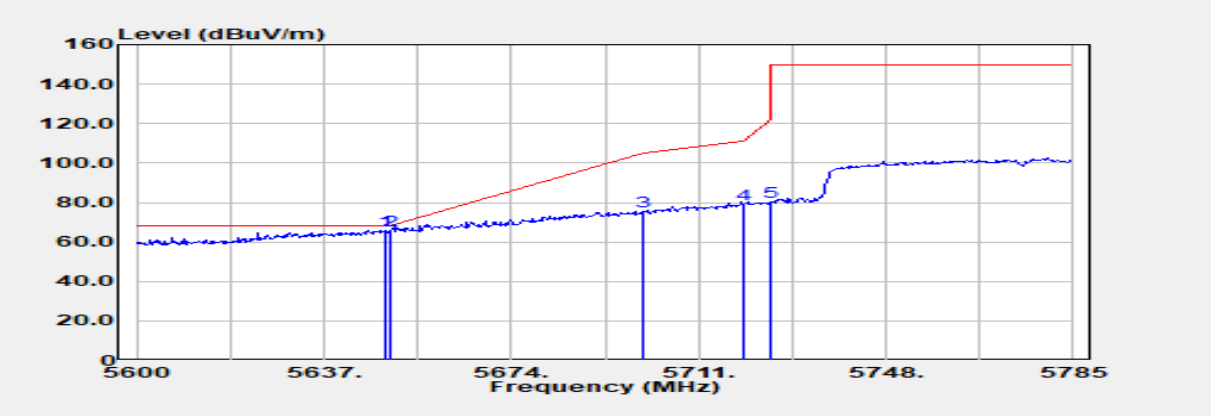
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11ac80 / Band 4 | Test Date | :2021-01-27 |
| Test Frequency | :5775 MHz | Temp./Humi. | :22.4/64 |
| Test Mode | :BE CH LOW FULL RU | Antenna Pol. | :Vertical |
| EUT Pol | :E2 Plan | Engineer | :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 |

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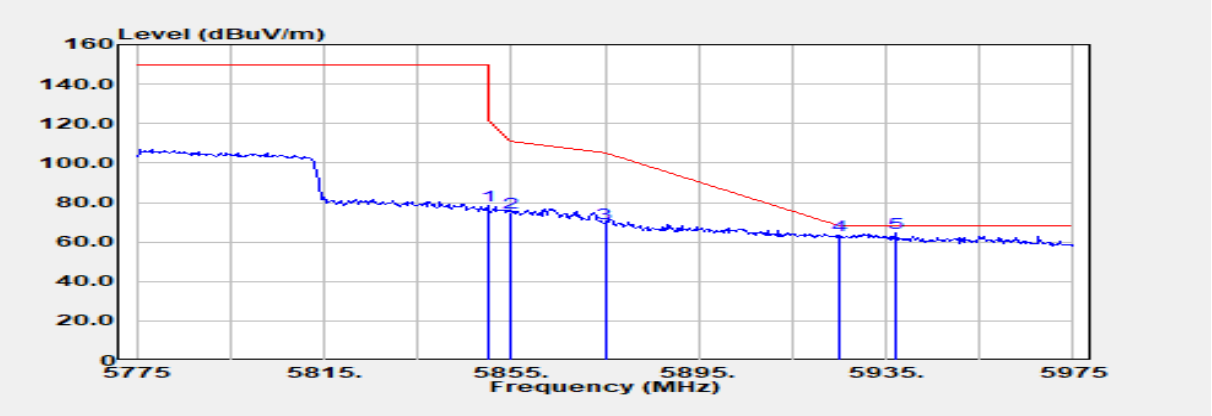
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11ac80 / Band 4 | Test Date | :2021-01-27 |
| Test Frequency | :5775 MHz | Temp./Humi. | :22.4/64 |
| Test Mode | :BE CH HIGH FULL RU | Antenna Pol. | :Vertical |
| EUT Pol | :E2 Plan | Engineer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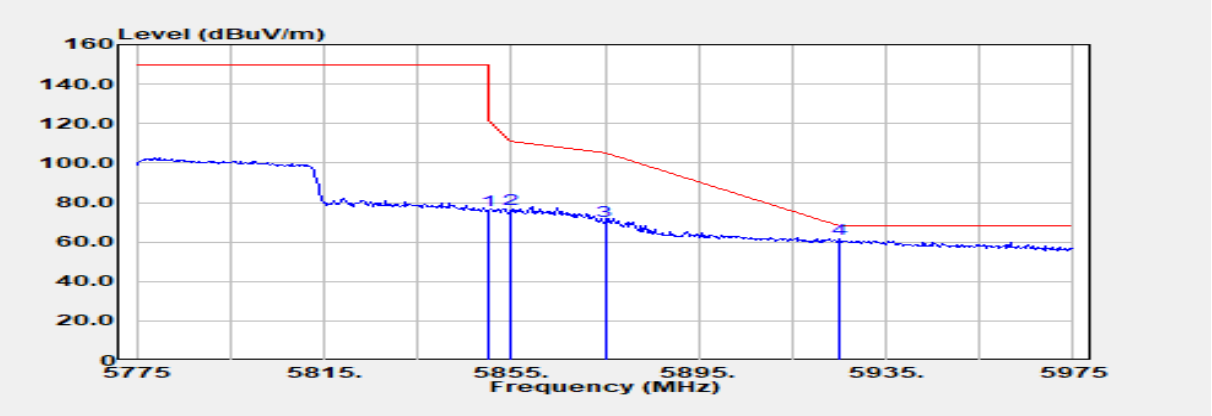
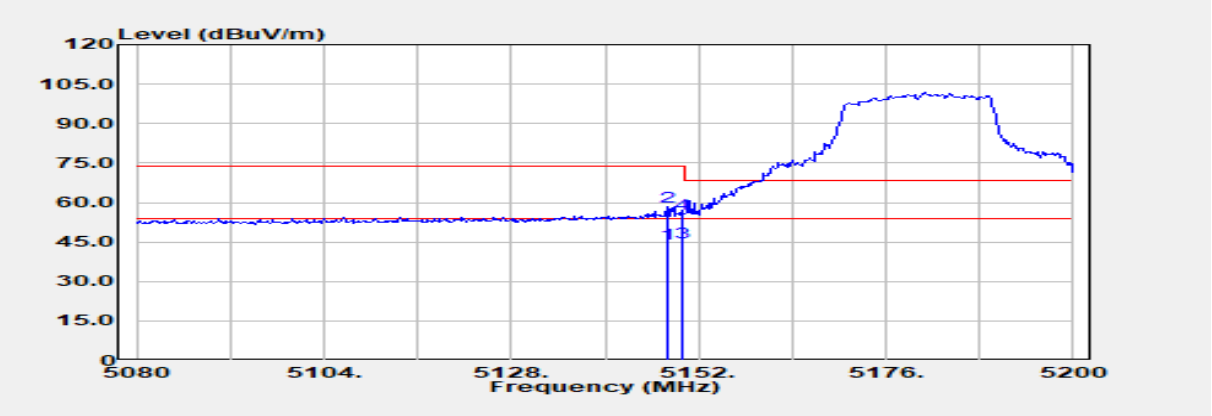
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11ac80 / Band 4 | Test Date | :2021-01-27 |
| Test Frequency | :5775 MHz | Temp./Humi. | :22.4/64 |
| Test Mode | :BE CH HIGH FULL RU | Antenna Pol. | :Horizontal |
| EUT Pol | :E2 Plan | Engineer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



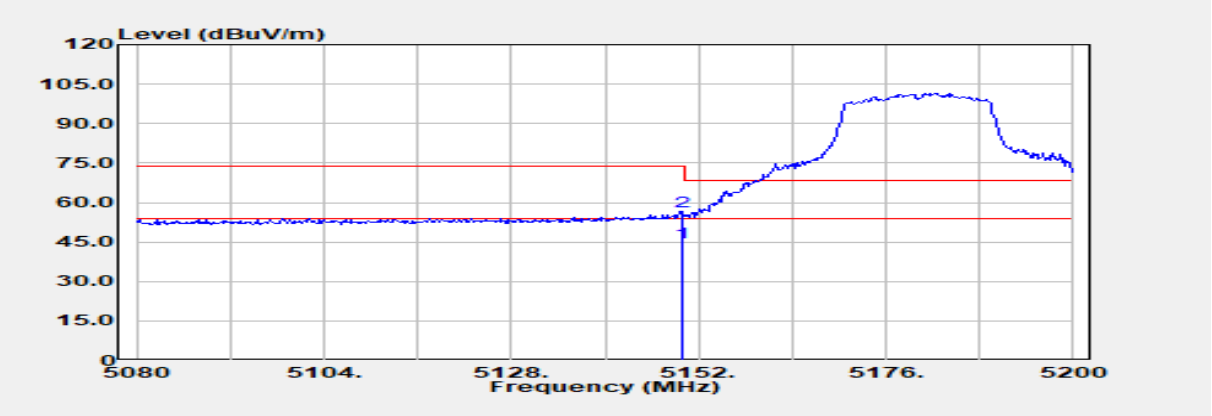

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5850.000 | Peak | 64.87 | 11.31 | 76.18 | 122.20 | -46.02 |
| 5855.000 | Peak | 64.92 | 11.61 | 76.53 | 110.80 | -34.27 |
| 5875.000 | Peak | 58.60 | 12.08 | 70.68 | 105.20 | -34.52 |
| 5925.000 | Peak | 48.36 | 12.98 | 61.34 | 68.20 | -6.86 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11ax20 / Band 1 | Test Date | :2021-01-26 |
| Test Frequency | :5180 MHz | Temp./Humi. | :21.9/66 |
| Test Mode | :BE CH LOW FULL RU | Antenna Pol. | :Vertical |
| EUT Pol | :E2 Plan | Engineer | :Enzo Chang |



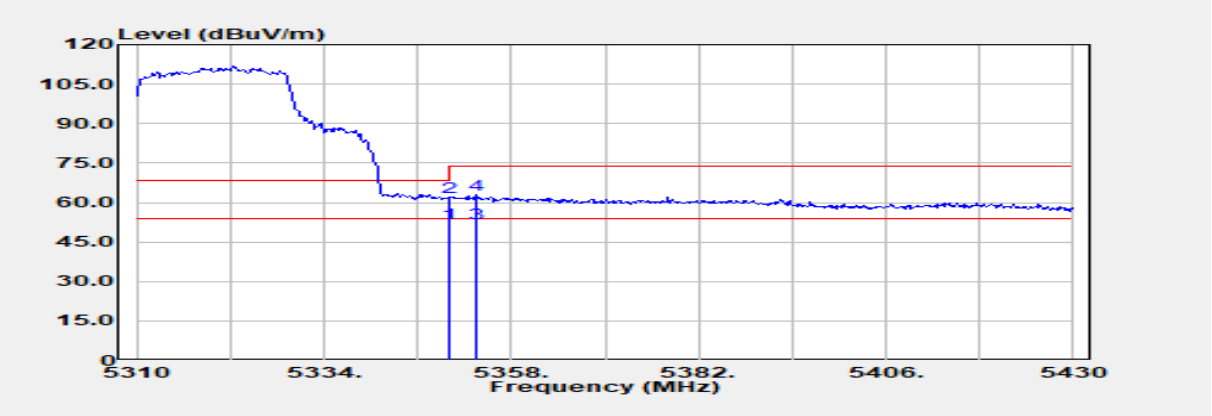

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5147.885 | Average | 34.01 | 10.48 | 44.49 | 54.00 | -9.51 |
| 5147.885 | Peak | 48.01 | 10.48 | 58.49 | 74.00 | -15.51 |
| 5150.000 | Average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

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11ax20 / Band 1 | Test Date | :2021-01-26 |
| Test Frequency | :5180 MHz | Temp./Humi. | :21.9/66 |
| Test Mode | :BE CH LOW FULL RU | Antenna Pol. | :Horizontal |
| EUT Pol | :E2 Plan | Engineer | :Enzo Chang |



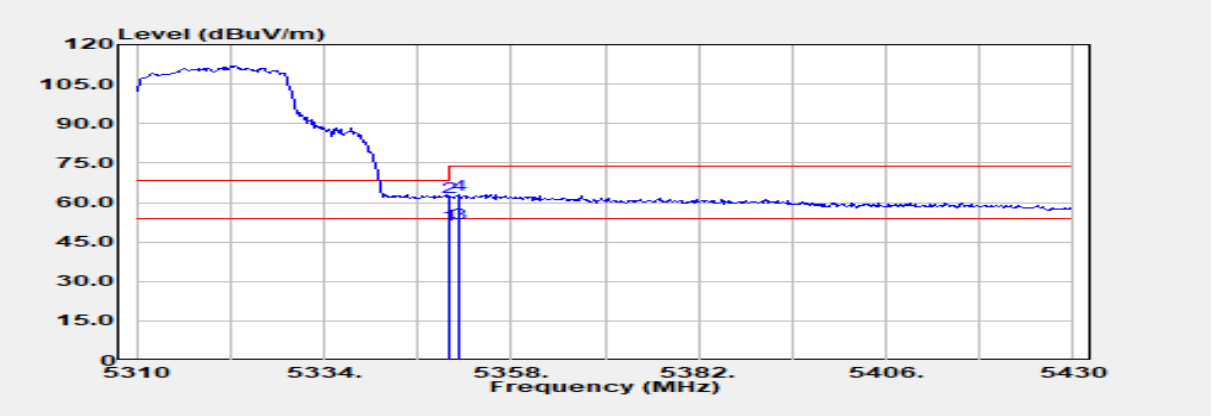

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5150.000 | Average | 34.14 | 10.50 | 44.64 | 54.00 | -9.36 |
| 5150.000 | Peak | 45.92 | 10.50 | 56.42 | 74.00 | -17.58 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11ax20 / Band 2 | Test Date | :2021-01-26 |
| Test Frequency | :5320 MHz | Temp./Humi. | :22.4/64 |
| Test Mode | :BE CH HIGH FULL RU | Antenna Pol. | :Vertical |
| EUT Pol | :E2 Plan | Engineer | :Enzo Chang |



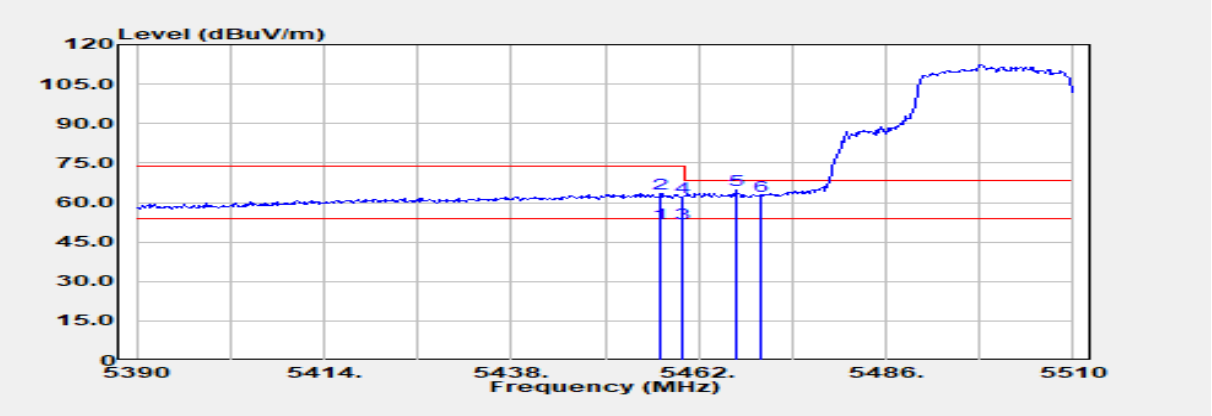

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5350.000 | Average | 40.41 | 11.54 | 51.95 | 54.00 | -2.05 |
| 5350.000 | Peak | 50.48 | 11.54 | 62.01 | 74.00 | -11.99 |
| 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 |

| | | | |
|---|---|---|---|
| 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 |



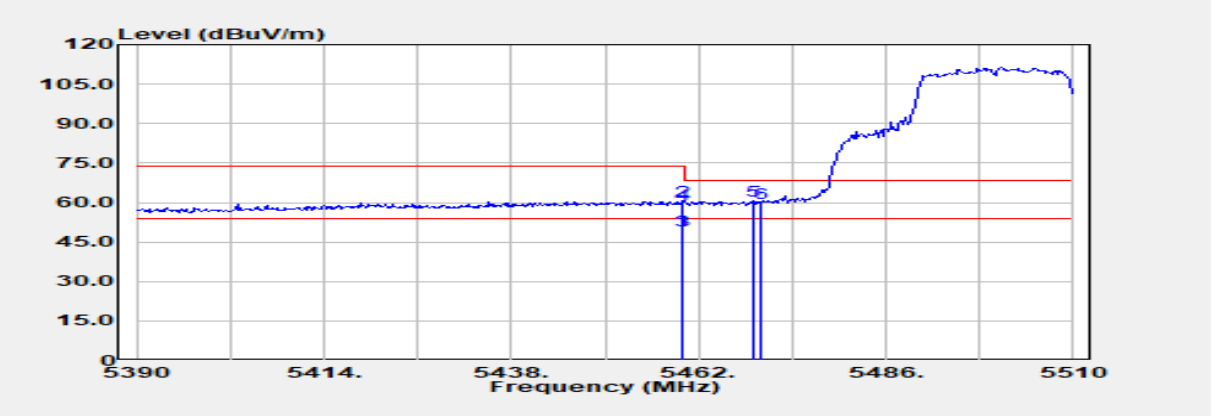

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5350.000 | Average | 40.25 | 11.54 | 51.79 | 54.00 | -2.21 |
| 5350.000 | Peak | 50.40 | 11.54 | 61.94 | 74.00 | -12.06 |
| 5351.154 | Average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

| | | | |
|---|---|---|---|
| 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. | :Vertical |
| EUT Pol | :E2 Plan | Engineer | :Enzo Chang |



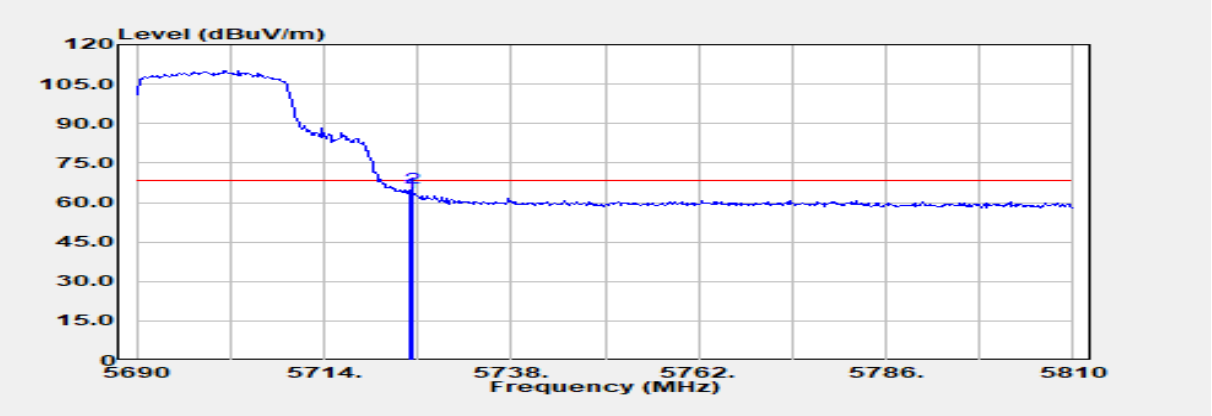

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5457.115 | Average | 40.05 | 11.81 | 51.86 | 54.00 | -2.14 |
| 5457.115 | Peak | 51.68 | 11.81 | 63.49 | 74.00 | -10.51 |
| 5460.000 | Average | 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 |

| | | | |
|---|---|---|---|
| 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 |



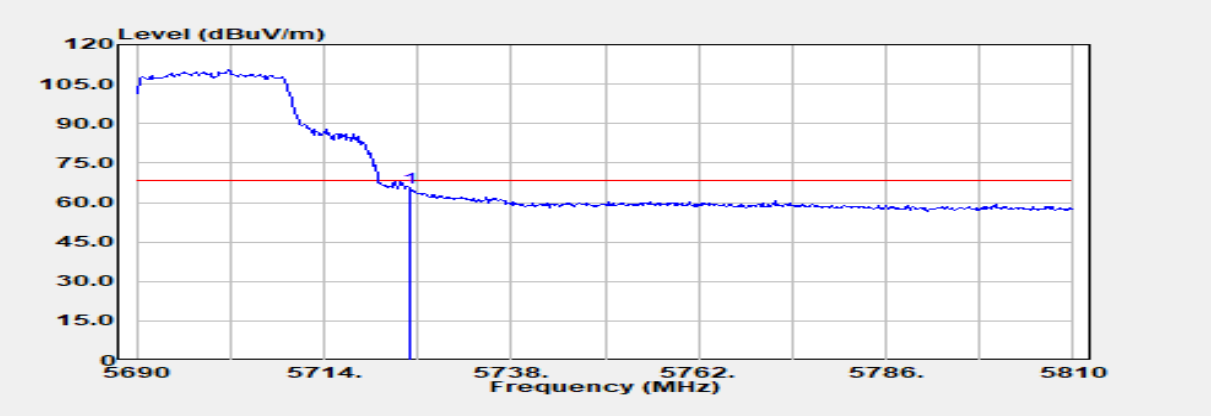

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5459.808 | Average | 37.83 | 11.67 | 49.50 | 54.00 | -4.50 |
| 5459.808 | Peak | 48.78 | 11.67 | 60.45 | 74.00 | -13.55 |
| 5460.000 | Average | 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 |

| | | | |
|---|---|---|---|
| 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 |



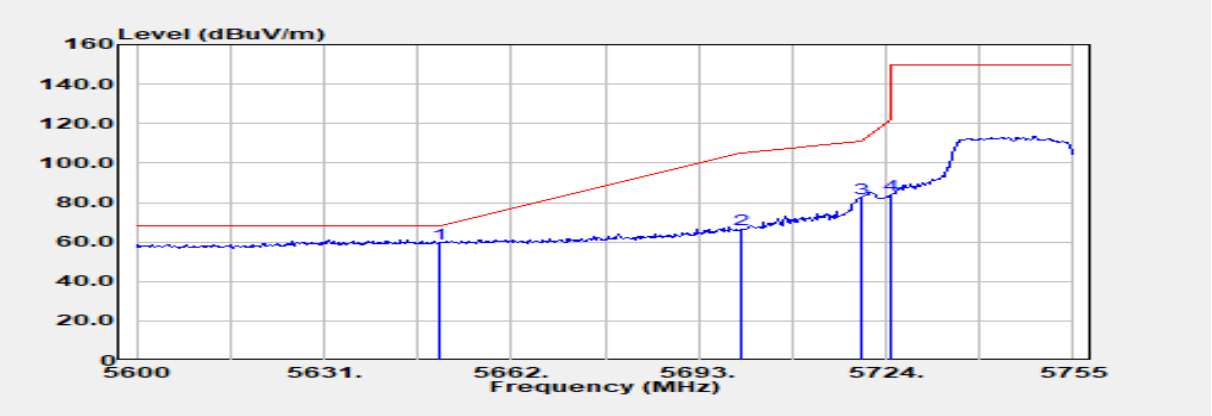

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5725.000 | Peak | 53.18 | 10.62 | 63.80 | 68.20 | -4.40 |
| 5725.192 | Peak | 54.82 | 10.62 | 65.44 | 68.20 | -2.76 |

| | | | |
|---|---|---|---|
| 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 |



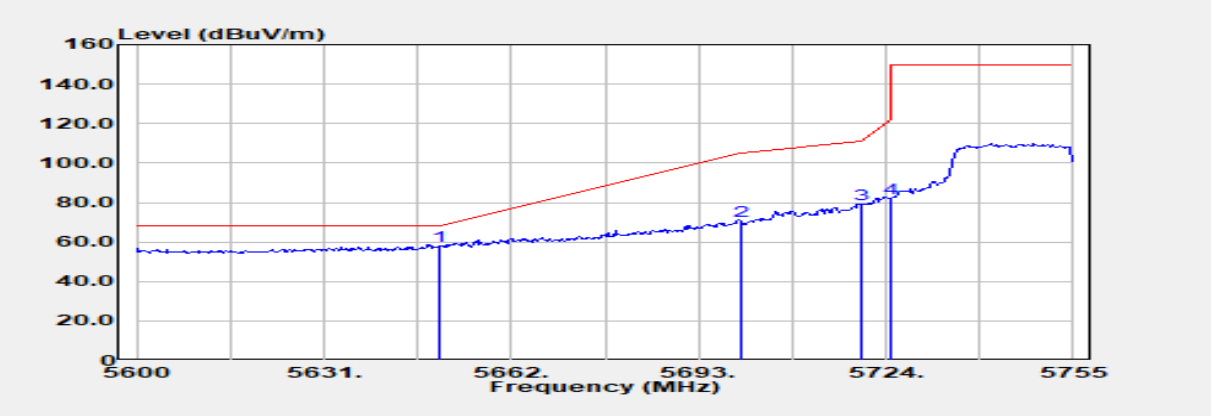

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5725.000 | Peak | 55.24 | 10.62 | 65.86 | 68.20 | -2.34 |

| | | | |
|---|---|---|---|
| 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 |



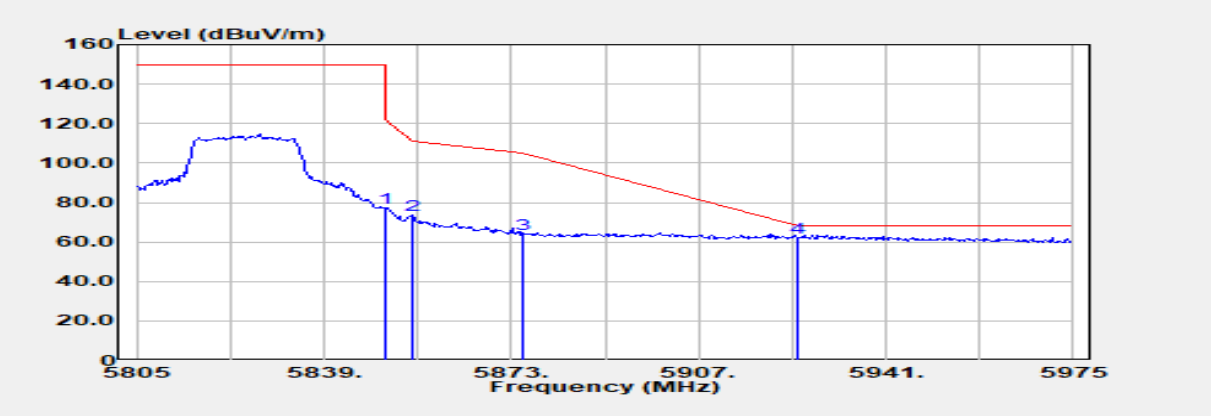

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5650.000 | Peak | 48.59 | 10.51 | 59.10 | 68.20 | -9.10 |
| 5700.000 | Peak | 55.90 | 10.41 | 66.31 | 105.20 | -38.89 |
| 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 |

| | | | |
|---|---|---|---|
| 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 |



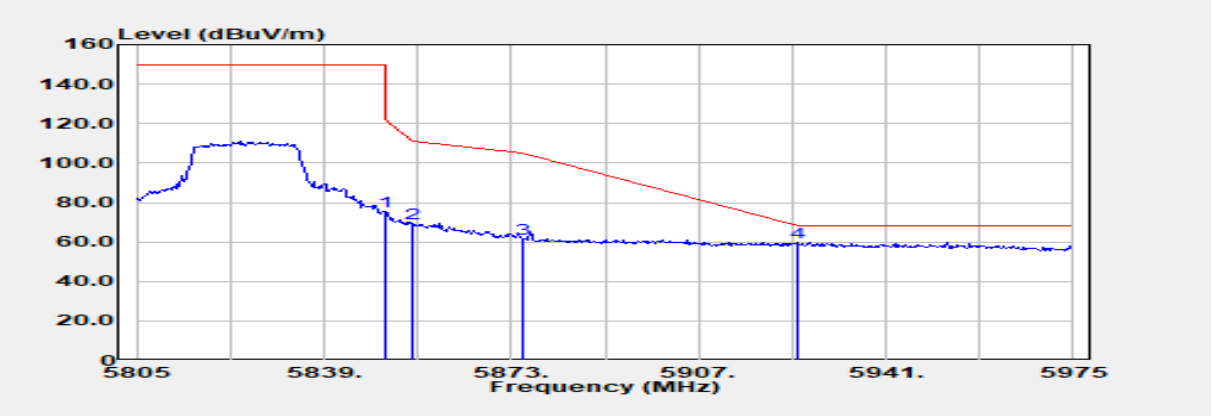

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5650.000 | Peak | 47.22 | 10.51 | 57.72 | 68.20 | -10.48 |
| 5700.000 | Peak | 59.96 | 10.41 | 70.36 | 105.20 | -34.84 |
| 5720.000 | Peak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

| | | | |
|---|---|---|---|
| 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 |



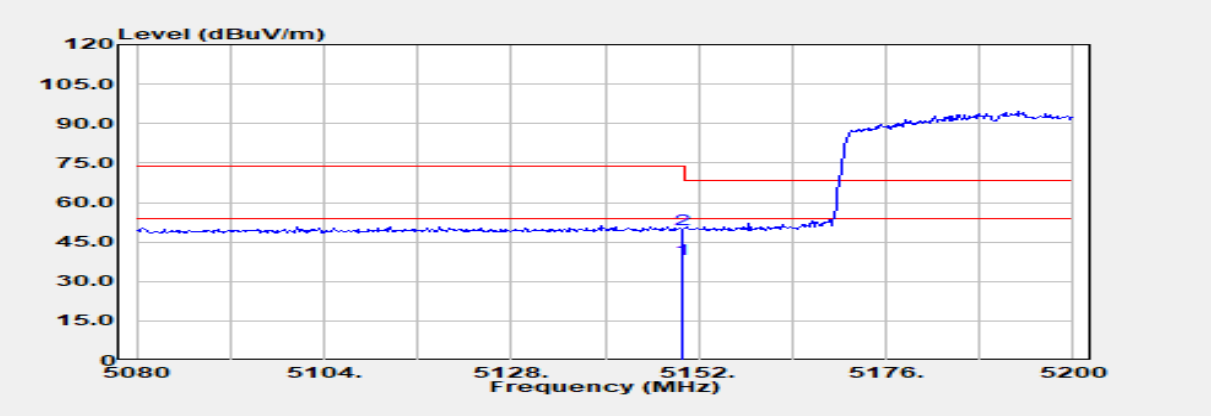

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5850.000 | Peak | 66.13 | 11.31 | 77.44 | 122.20 | -44.76 |
| 5855.000 | Peak | 61.94 | 11.61 | 73.55 | 110.80 | -37.25 |
| 5875.000 | Peak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

| | | | |
|---|---|---|---|
| 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 |



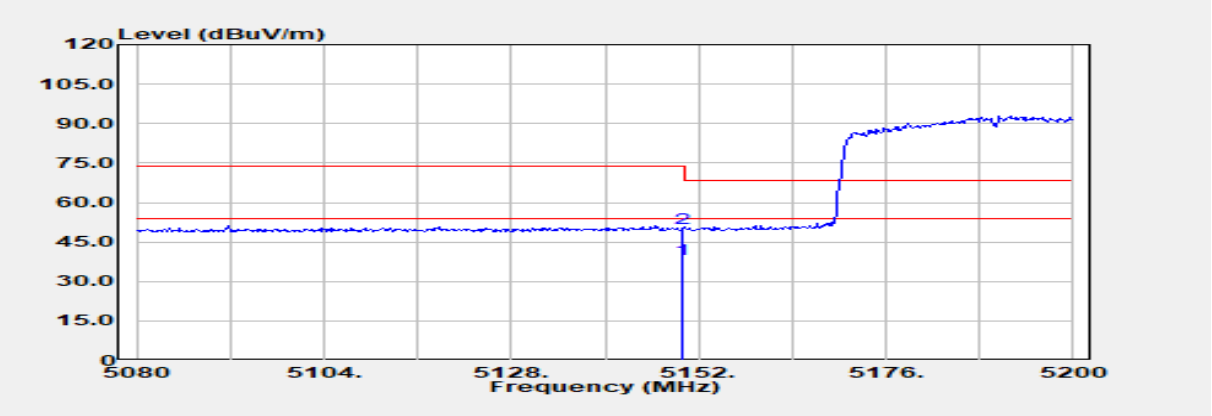

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5850.000 | Peak | 64.33 | 11.31 | 75.64 | 122.20 | -46.56 |
| 5855.000 | Peak | 57.67 | 11.61 | 69.28 | 110.80 | -41.52 |
| 5875.000 | Peak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

| | | | |
|---|---|---|---|
| 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 |



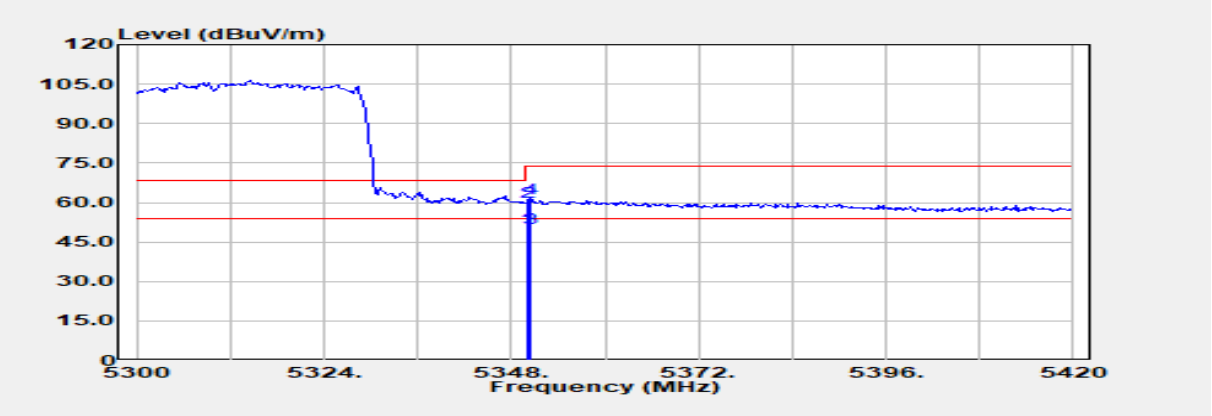

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5150.000 | Average | 27.89 | 10.50 | 38.39 | 54.00 | -15.61 |
| 5150.000 | Peak | 39.34 | 10.50 | 49.83 | 74.00 | -24.17 |

| | | | |
|---|---|---|---|
| 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. | :Horizontal |
| EUT Pol | :E2 Plan | Engineer | :Ashton Chiu |



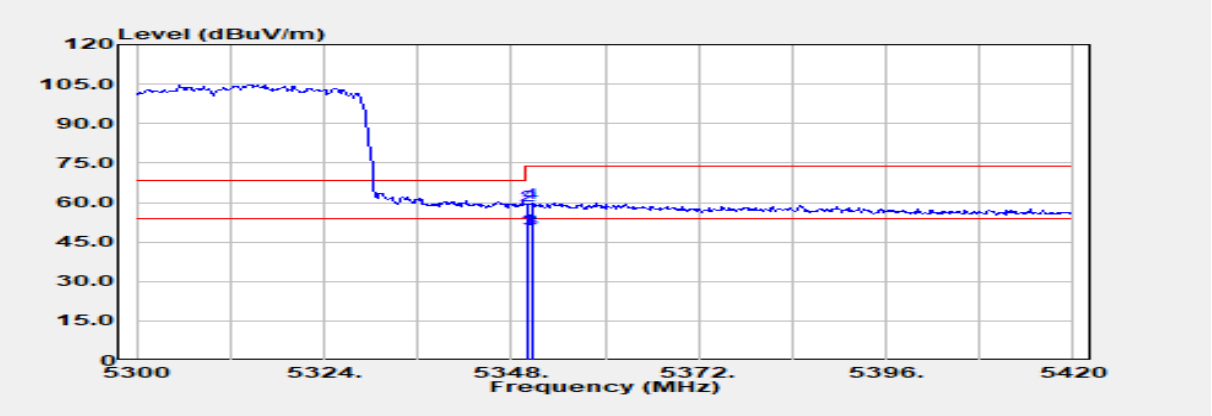

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5150.000 | Average | 28.20 | 10.50 | 38.70 | 54.00 | -15.30 |
| 5150.000 | Peak | 39.69 | 10.50 | 50.19 | 74.00 | -23.81 |

| | | | |
|---|---|---|---|
| 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 |



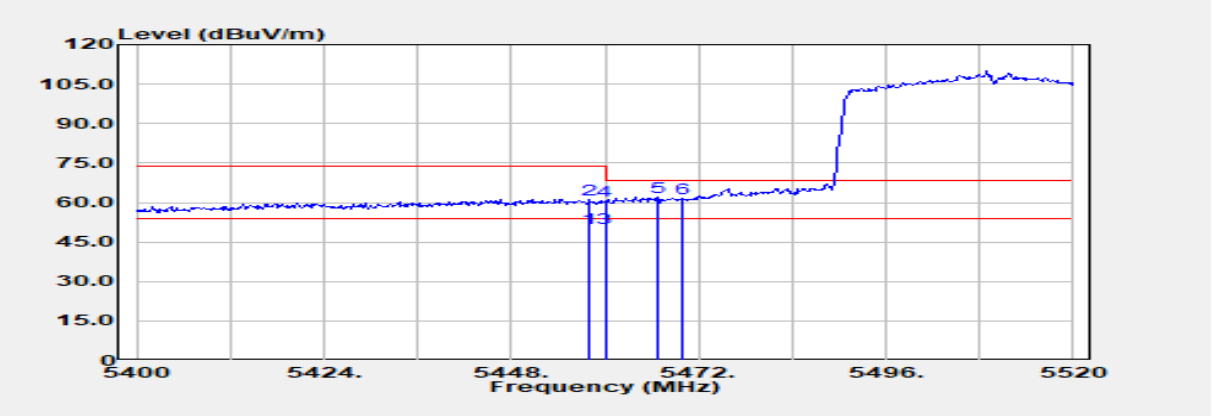

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5350.000 | Average | 38.71 | 11.54 | 50.25 | 54.00 | -3.75 |
| 5350.000 | Peak | 48.74 | 11.54 | 60.28 | 74.00 | -13.72 |
| 5350.385 | Average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

| | | | |
|---|---|---|---|
| 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 |



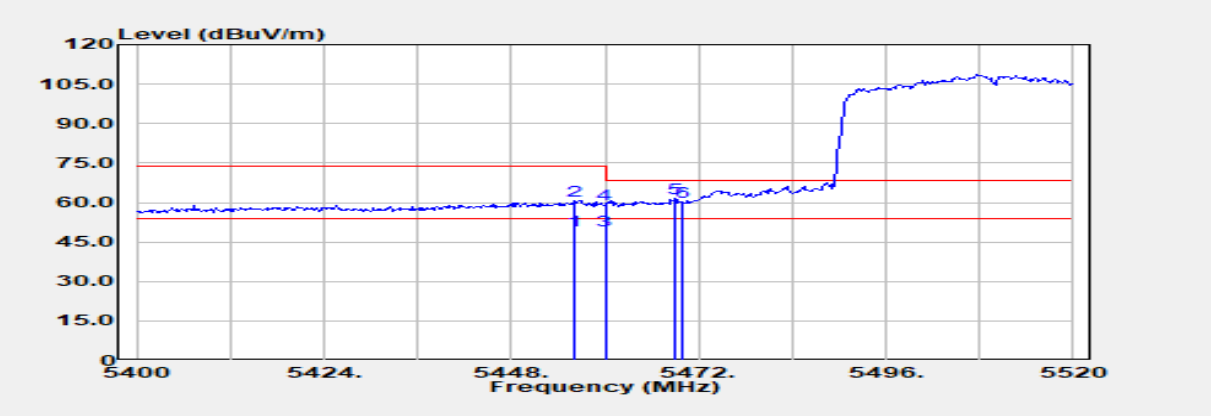

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5350.000 | Average | 38.16 | 11.54 | 49.70 | 54.00 | -4.30 |
| 5350.000 | Peak | 47.21 | 11.54 | 58.74 | 74.00 | -15.26 |
| 5350.577 | Average | 38.21 | 11.54 | 49.75 | 54.00 | -4.25 |
| 5350.577 | Peak | 48.43 | 11.54 | 59.97 | 74.00 | -14.03 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11ax40 / Band 2 | Test Date | :2021-02-09 |
| Test Frequency | :5510 MHz | Temp./Humi. | :23.4/68 |
| Test Mode | :BE CH LOW FULL RU | Antenna Pol. | :Vertical |
| EUT Pol | :E2 Plan | Engineer | :Enzo Chang |



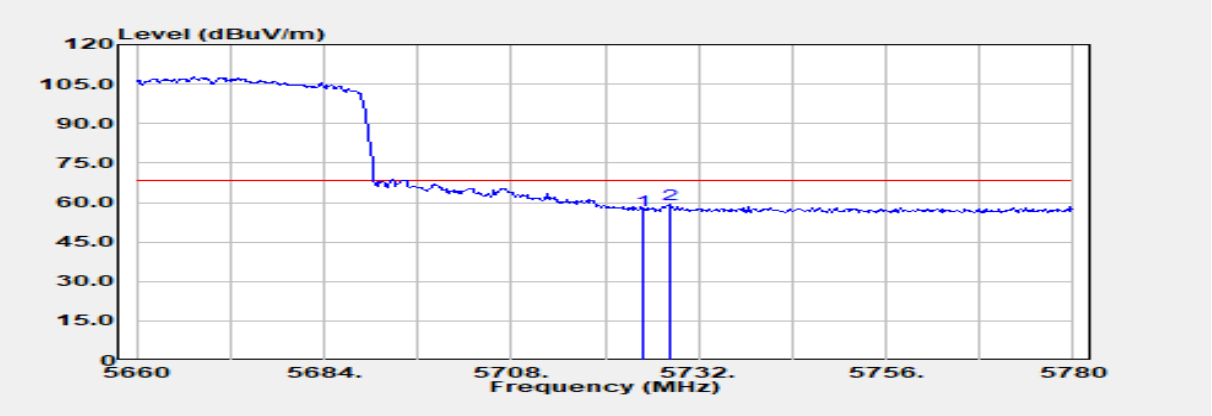

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5458.077 | Average | 38.49 | 11.76 | 50.25 | 54.00 | -3.75 |
| 5458.077 | Peak | 49.55 | 11.76 | 61.31 | 74.00 | -12.69 |
| 5460.000 | Average | 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 |

| | | | |
|---|---|---|---|
| Report Number | :E2/2020/C0053 | Test Site | :966 Chamber C |
| Operation Mode | :802.11ax40 / Band 2 | Test Date | :2021-02-09 |
| Test Frequency | :5510 MHz | Temp./Humi. | :23.4/68 |
| Test Mode | :BE CH LOW FULL RU | Antenna Pol. | :Horizontal |
| EUT Pol | :E2 Plan | Engineer | :Enzo Chang |



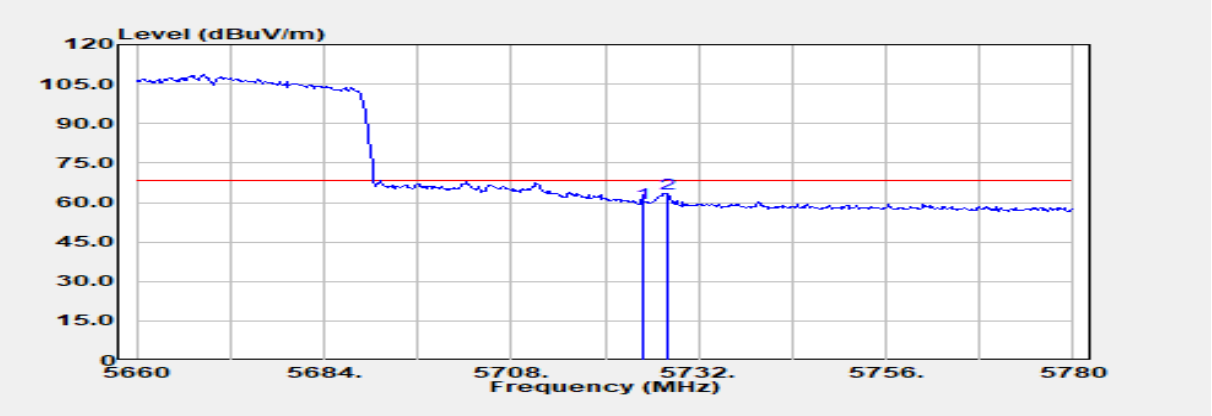

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5455.961 | Average | 37.41 | 11.88 | 49.29 | 54.00 | -4.71 |
| 5455.961 | Peak | 48.81 | 11.88 | 60.69 | 74.00 | -13.31 |
| 5460.000 | Average | 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 |

| | | | |
|---|---|---|---|
| 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. | :Vertical |
| EUT Pol | :E2 Plan | Engineer | :Enzo Chang |



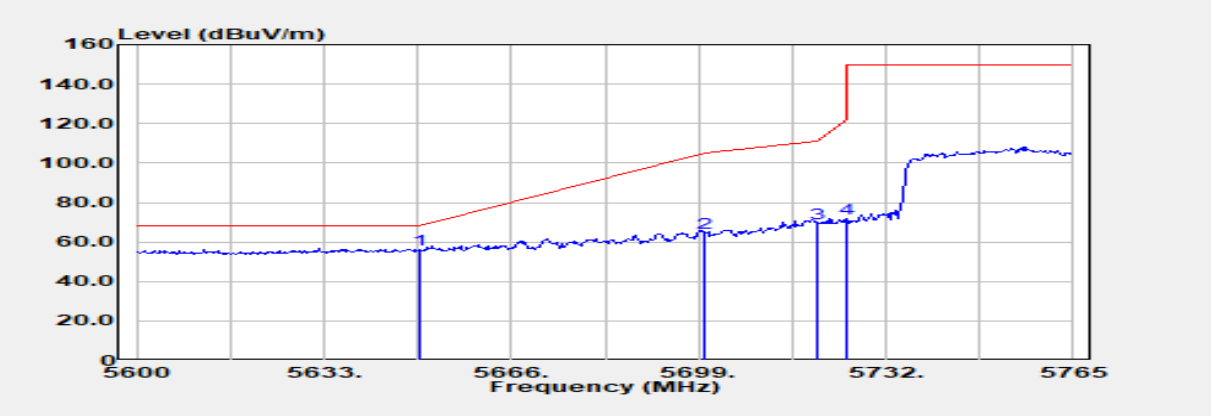

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5725.000 | Peak | 46.64 | 10.62 | 57.26 | 68.20 | -10.94 |
| 5728.461 | Peak | 48.84 | 10.52 | 59.37 | 68.20 | -8.83 |

| | | | |
|---|---|---|---|
| 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 |



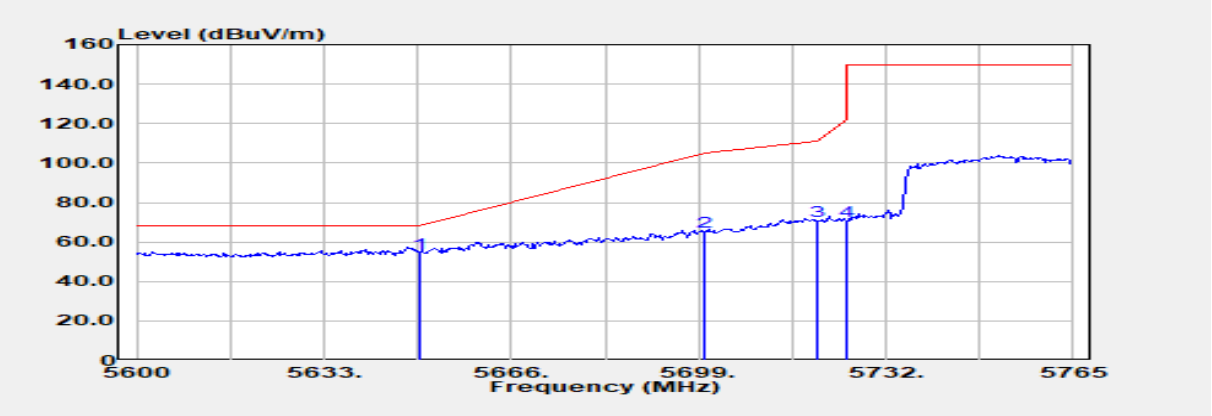

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5725.000 | Peak | 49.19 | 10.62 | 59.82 | 68.20 | -8.38 |
| 5727.885 | Peak | 53.05 | 10.54 | 63.59 | 68.20 | -4.61 |

| | | | |
|---|---|---|---|
| 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 |



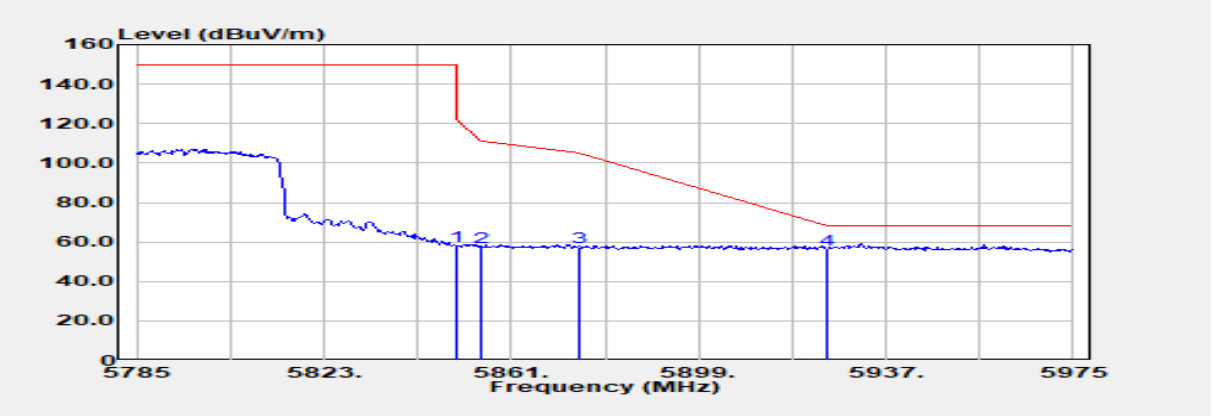

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5650.000 | Peak | 45.46 | 10.51 | 55.96 | 68.20 | -12.24 |
| 5700.000 | Peak | 54.11 | 10.41 | 64.52 | 105.20 | -40.68 |
| 5720.000 | Peak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

| | | | |
|---|---|---|---|
| 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 |



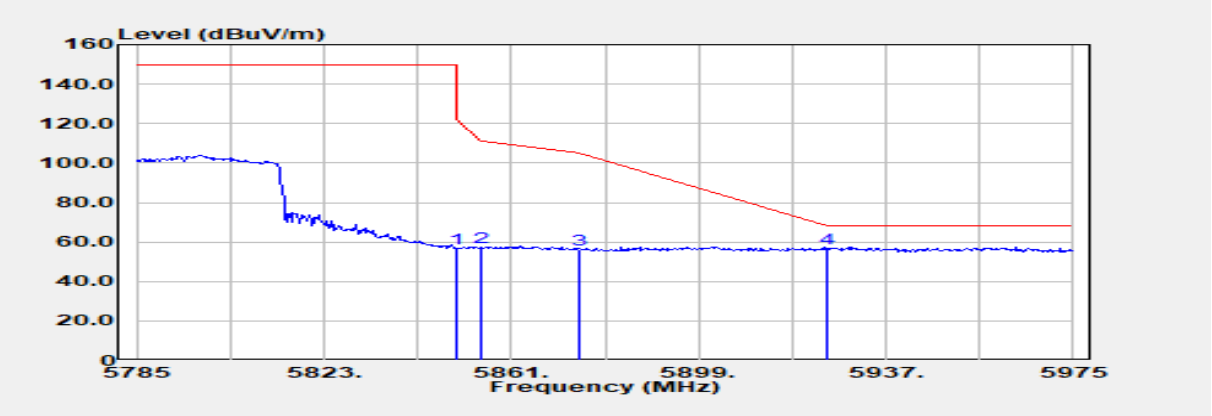

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5650.000 | Peak | 43.63 | 10.51 | 54.14 | 68.20 | -14.06 |
| 5700.000 | Peak | 54.54 | 10.41 | 64.94 | 105.20 | -40.26 |
| 5720.000 | Peak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

| | | | |
|---|---|---|---|
| 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 |



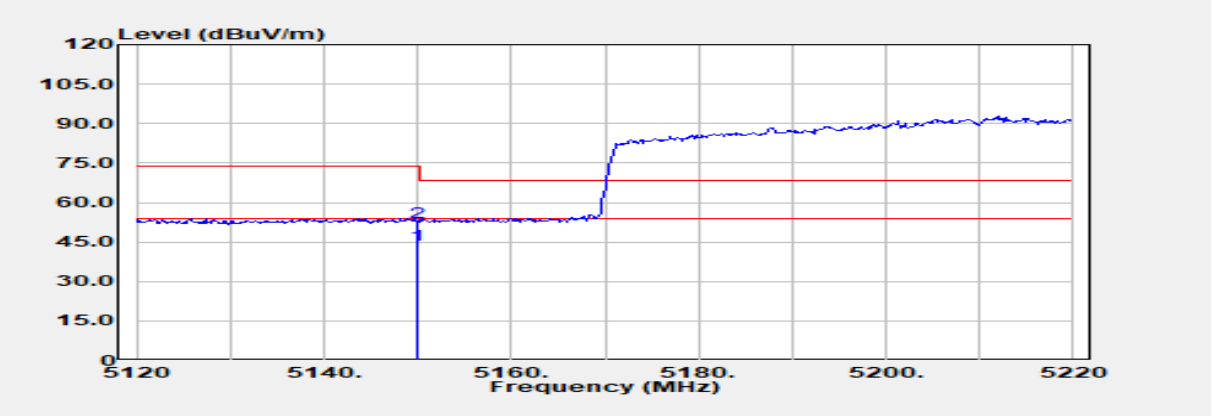

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5850.000 | Peak | 46.64 | 11.31 | 57.95 | 122.20 | -64.25 |
| 5855.000 | Peak | 45.55 | 11.61 | 57.16 | 110.80 | -53.64 |
| 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 |

| | | | |
|---|---|---|---|
| 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 |



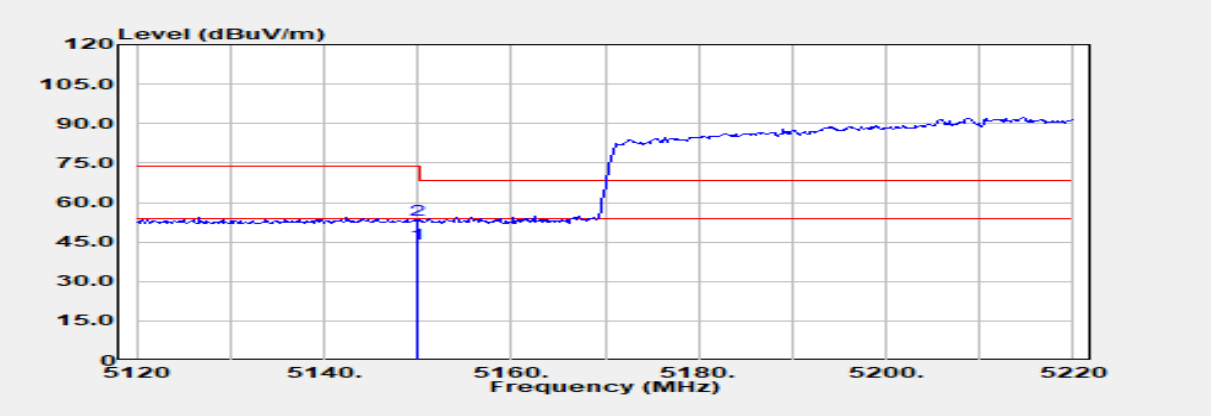

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5850.000 | Peak | 45.63 | 11.31 | 56.94 | 122.20 | -65.26 |
| 5855.000 | Peak | 45.51 | 11.61 | 57.12 | 110.80 | -53.68 |
| 5875.000 | Peak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

| | | | |
|---|---|---|---|
| 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 |



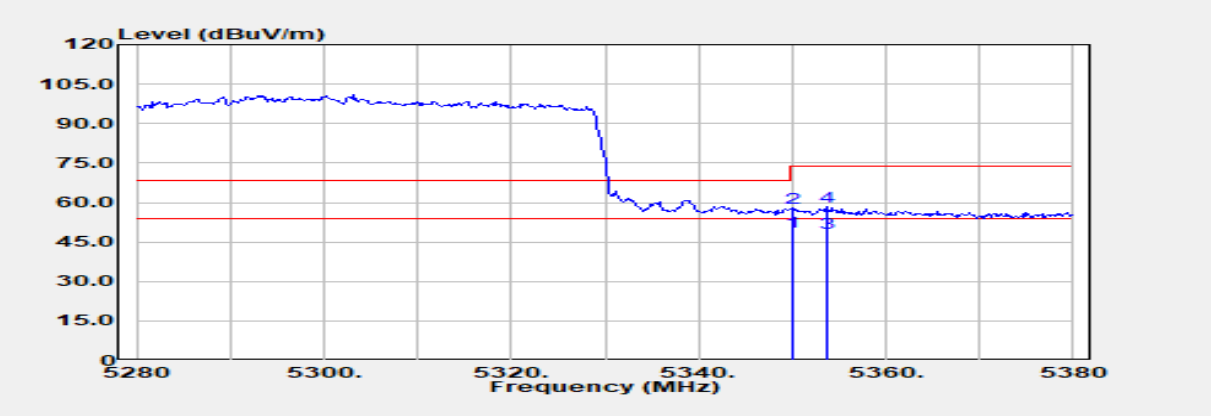

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5150.000 | Average | 33.34 | 10.50 | 43.84 | 54.00 | -10.16 |
| 5150.000 | Peak | 42.13 | 10.50 | 52.63 | 74.00 | -21.37 |

| | | | |
|---|---|---|---|
| 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 |



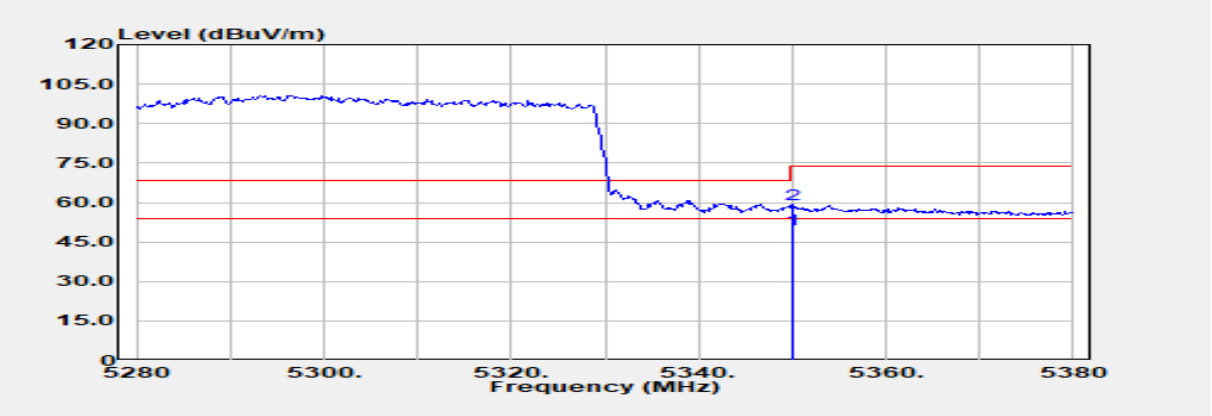

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5150.000 | Average | 33.83 | 10.50 | 44.33 | 54.00 | -9.67 |
| 5150.000 | Peak | 42.94 | 10.50 | 53.44 | 74.00 | -20.56 |

| | | | |
|---|---|---|---|
| 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 |



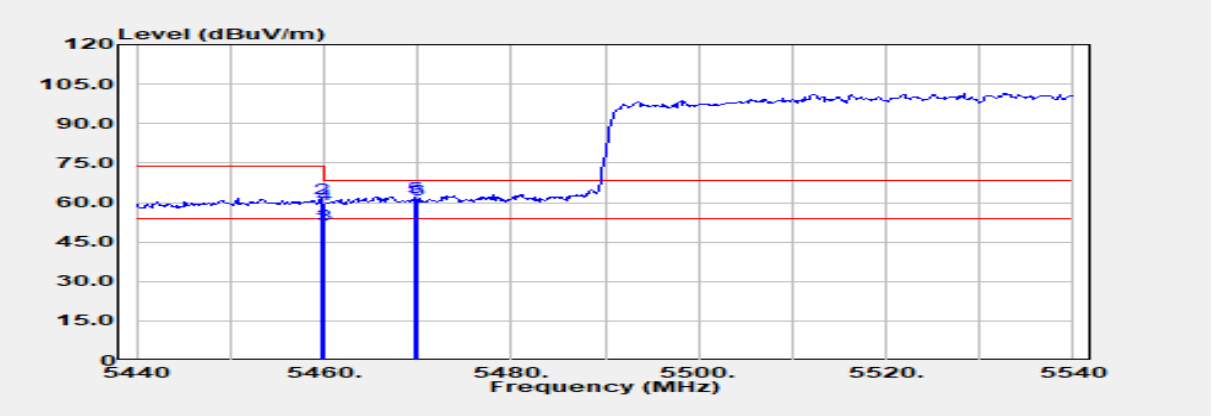

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5350.000 | Average | 37.47 | 11.54 | 49.01 | 54.00 | -4.99 |
| 5350.000 | Peak | 46.22 | 11.54 | 57.76 | 74.00 | -16.24 |
| 5353.718 | Average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

| | | | |
|---|---|---|---|
| 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 |



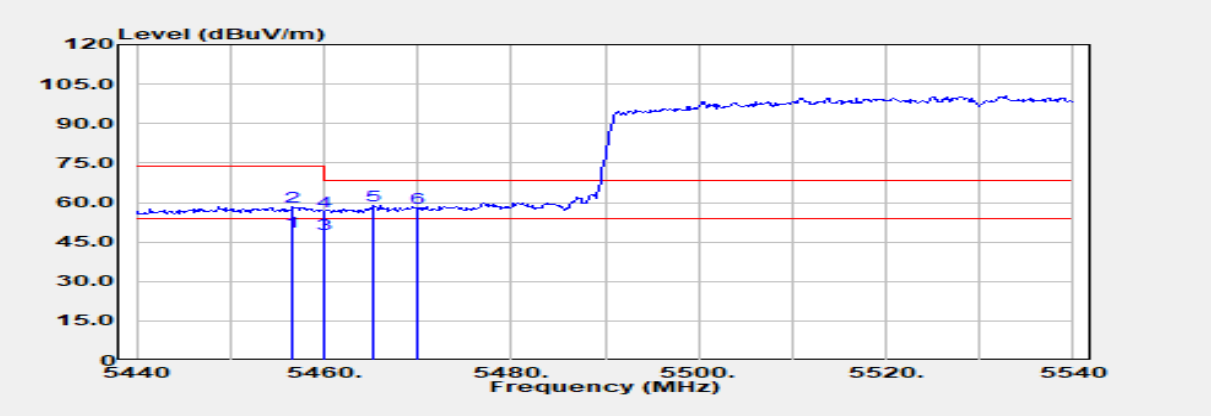

| Freq. | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---|---|---|---|---|---|---|
| MHz | PK/QP/AV | dBµV | dB | dBµV/m | dBµV/m | dB |
| 5350.000 | Average | 38.46 | 11.54 | 50.00 | 54.00 | -4.00 |
| 5350.000 | Peak | 47.99 | 11.54 | 59.52 | 74.00 | -14.48 |

| | | | |
|---|---|---|---|
| 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 |



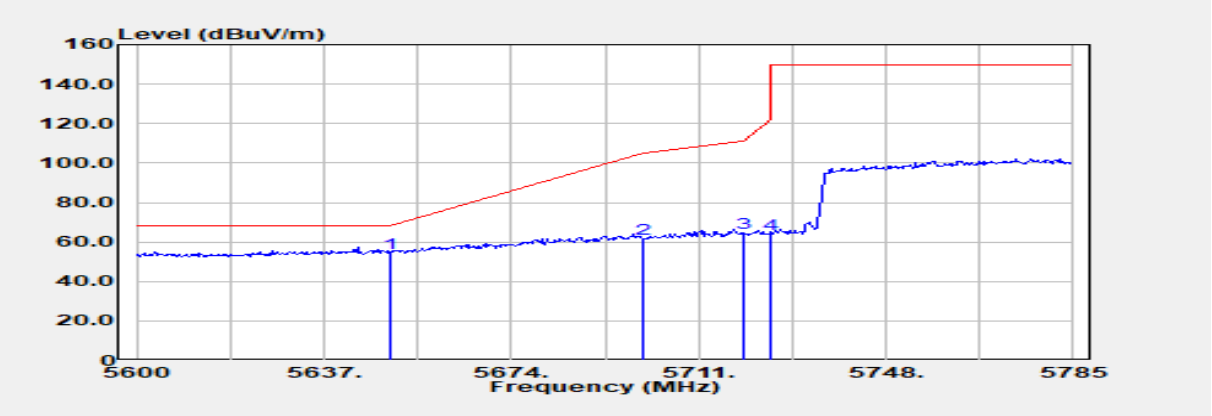

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5459.711 | Average | 39.65 | 11.68 | 51.33 | 54.00 | -2.67 |
| 5459.711 | Peak | 49.92 | 11.68 | 61.59 | 74.00 | -12.41 |
| 5460.000 | Average | 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 |

| | | | |
|---|---|---|---|
| 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. | :Horizontal |
| EUT Pol | :E2 Plan | Engineer | :Enzo Chang |



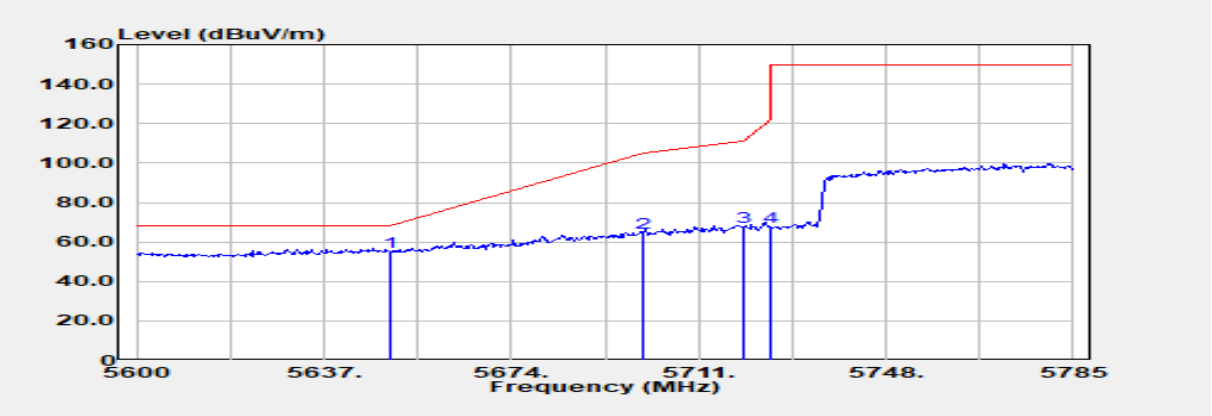

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5456.667 | Average | 37.21 | 11.84 | 49.05 | 54.00 | -4.95 |
| 5456.667 | Peak | 46.64 | 11.84 | 58.48 | 74.00 | -15.52 |
| 5460.000 | Average | 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 |

| | | | |
|---|---|---|---|
| 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 |



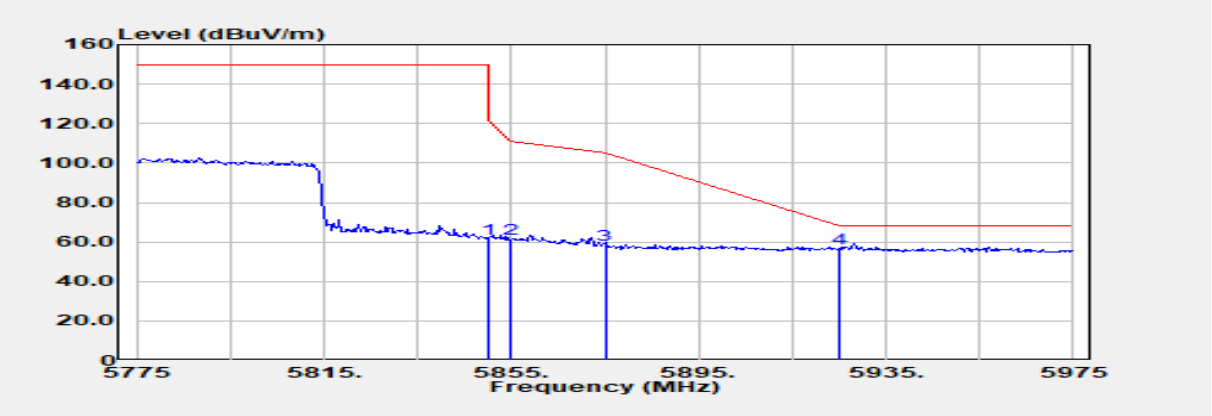

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5650.000 | Peak | 43.66 | 10.51 | 54.17 | 68.20 | -14.03 |
| 5700.000 | Peak | 51.42 | 10.41 | 61.83 | 105.20 | -43.37 |
| 5720.000 | Peak | 54.00 | 10.76 | 64.76 | 110.80 | -46.04 |
| 5725.000 | Peak | 53.31 | 10.62 | 63.93 | 122.20 | -58.27 |

| | | | |
|---|---|---|---|
| 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. | :Horizontal |
| EUT Pol | :E2 Plan | Engineer | :Enzo Chang |



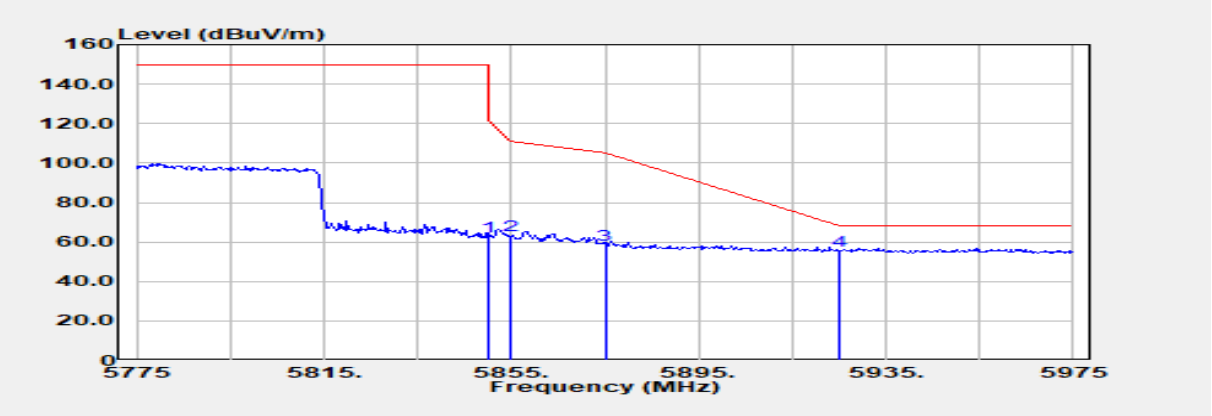

| Freq. MHz | Detector Mode PK/QP/AV | Spectrum Reading Level dBµV | Factor dB | Actual FS dBµV/m | Limit @3m dBµV/m | Margin dB |
|---|---|---|---|---|---|---|
| 5650.000 | Peak | 44.66 | 10.51 | 55.17 | 68.20 | -13.03 |
| 5700.000 | Peak | 54.20 | 10.41 | 64.60 | 105.20 | -40.60 |
| 5720.000 | Peak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

| | | | |
|---|---|---|---|
| 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 |

| | | | |
|---|---|---|---|
| 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 ~***