



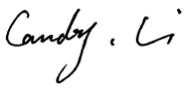
FCC PART 15.407 TEST REPORT

For

TECNO MOBILE LIMITED

FLAT 39 8/F BLOCK D WAH LOK INDUSTRIAL CENTRE 31-35 SHAN MEI STREET
FOTAN NT Hong Kong

FCC ID: 2ADYY-KG5

| | |
|--|--|
| Report Type: Original Report | Product Type: Mobile Phone |
| Report Number: SZ1210825-36524E-RF-00C | |
| Report Date: 2021-11-04 | |
| Reviewed By: RF Engineer | Candy Li  |
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GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

| | |
|--|---|
| Product | Mobile Phone |
| Tested Model | KG5 |
| Frequency Range | 5G Wi-Fi: 5150-5250 MHz; 5725-5850 MHz |
| Maximum conducted average output power | 5150-5250 MHz: 7.10dBm 5725-5850 MHz: 5.68dBm |
| Modulation Technique | OFDM |
| Antenna Specification* | -1.56 dBi (provided by the applicant) |
| Voltage Range | DC 3.85V from battery or DC 5.0 from adapter |
| Date of Test | 2021-09-02 to 2021-10-23 |
| Sample number | SZ1210825-36524E-RF-S1 (Assigned by ATC, Shenzhen) |
| Received date | 2021-08-25 |
| Sample/EUT Status | Good condition |
| Adapter information | Model: U100TSA Input: AC 100-240V ~ 50/60Hz, 0.3A Output: DC 5.0V, 2.0A |

Objective

This type approval report is in accordance with Part 2-Subpart J, Part 15-Subparts A and E of the Federal Communication Commissions rules.

The tests were performed in order to determine compliance with FCC Part 15, Subpart E, section 15.203, 15.205, 15.207, 15.209 and 15.407 rules.

Test Methodology

All measurements contained in this report were conducted with ANSI C63.10-2013, American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices. And KDB789033D02 General U-NII Test Procedures New Rules v02r01.

All emissions measurement was performed at Shenzhen Accurate Technology Co., Ltd.. The radiated testing was performed at an antenna-to-EUT distance of 3 meters.

Measurement Uncertainty

| Parameter | | Uncertainty |
|------------------------------|----------------|-------------|
| Occupied Channel Bandwidth | | 5% |
| RF output power, conducted | | 0.73dB |
| Unwanted Emission, conducted | | 1.6dB |
| Emissions, Radiated | 30MHz - 1GHz | 4.28dB |
| | 1GHz- 18GHz | 4.98dB |
| | 18GHz- 26.5GHz | 5.06dB |
| | 26.5GHz- 40GHz | 4.72dB |
| Temperature | | 1°C |
| Humidity | | 6% |
| Supply voltages | | 0.4% |

Note: The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.

Test Facility

The test site used by Shenzhen Accurate Technology Co., Ltd. to collect test data is located on the 1/F., Building A, Changyuan New Material Port, Science & Industry Park, Nanshan District, Shenzhen, Guangdong, P.R. China.

The test site has been approved by the FCC under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No.: 708358, the FCC Designation No.: CN1189. Accredited by American Association for Laboratory Accreditation (A2LA) The Certificate Number is 429 7.01.

Listed by Innovation, Science and Economic Development Canada (ISED), the Registration Number is 5077A-2.

SYSTEM TEST CONFIGURATION

Description of Test Configuration

The system was configured for testing in an engineering mode, which was provided by manufacturer.

The EUT can operate in 802.11a/n20/n40/ac20/ac40/ac80 modes.

For 5150-5250MHz Band, 7 channels are provided to testing:

| Channel | Frequency (MHz) | Channel | Frequency (MHz) |
|---------|-----------------|---------|-----------------|
| 36 | 5180 | 44 | 5220 |
| 38 | 5190 | 46 | 5230 |
| 40 | 5200 | 48 | 5240 |
| 42 | 5210 | / | / |

For 802.11a, 802.11n20/ac20 mode: channel 36, 40, 48 were tested;

For 802.11n40/ac40 mode: channel 38, 46 were tested;

For 802.11ac80 mode, channel 42 was tested.

For 5725-5850MHz Band, 8 channels are provided to testing:

| Channel | Frequency (MHz) | Channel | Frequency (MHz) |
|---------|-----------------|---------|-----------------|
| 149 | 5745 | 157 | 5785 |
| 151 | 5755 | 159 | 5795 |
| 153 | 5765 | 161 | 5805 |
| 155 | 5775 | 165 | 5825 |

For 802.11a, 802.11n20/ac20 mode: channel 149, 157, 165 were tested;

For 802.11n40/ac40 mode: channel 151, 159 were tested;

For 802.11ac80 mode, channel 155 was tested.

EUT Exercise Software

Test in the engineer mode.

Test frequencies and power level were configured as below:

| Mode | Rate (Mbps) | Frequency (MHz) | Power Level* |
|-------------|-------------|-----------------|--------------|
| 802.11 a | 6 Mbps | 5180 | 11 |
| | 6 Mbps | 5200 | 11 |
| | 6 Mbps | 5240 | 11 |
| 802.11 n20 | MCS0 | 5180 | 11 |
| | MCS0 | 5200 | 11 |
| | MCS0 | 5240 | 11 |
| 802.11 n40 | MCS0 | 5190 | 11 |
| | MCS0 | 5230 | 11 |
| 802.11 ac20 | MCS0 | 5180 | 11 |
| | MCS0 | 5200 | 11 |
| | MCS0 | 5240 | 11 |
| 802.11 ac40 | MCS0 | 5190 | 11 |
| | MCS0 | 5230 | 11 |
| 802.11 ac80 | MCS0 | 5210 | 11 |
| 802.11 a | 6 Mbps | 5745 | 11 |
| | 6 Mbps | 5785 | 11 |
| | 6 Mbps | 5825 | 11 |
| 802.11 n20 | MCS0 | 5745 | 11 |
| | MCS0 | 5785 | 11 |
| | MCS0 | 5825 | 11 |
| 802.11 n40 | MCS0 | 5755 | 11 |
| | MCS0 | 5795 | 11 |
| 802.11 ac20 | MCS0 | 5745 | 11 |
| | MCS0 | 5785 | 11 |
| | MCS0 | 5825 | 11 |
| 802.11 ac40 | MCS0 | 5755 | 11 |
| | MCS0 | 5795 | 11 |
| 802.11 ac80 | MCS0 | 5775 | 11 |

Note 1: The worse-case data rates are determined to be as follows for each mode based upon investigations by measuring the output power and PSD across all data rated bandwidths, and modulations.

Note 2: The power level was provided by the applicant.

Duty cycle

Test Result: Pass. Please refer to the Appendix.

Equipment Modifications

No modification was made to the EUT tested.

Support Equipment List and Details

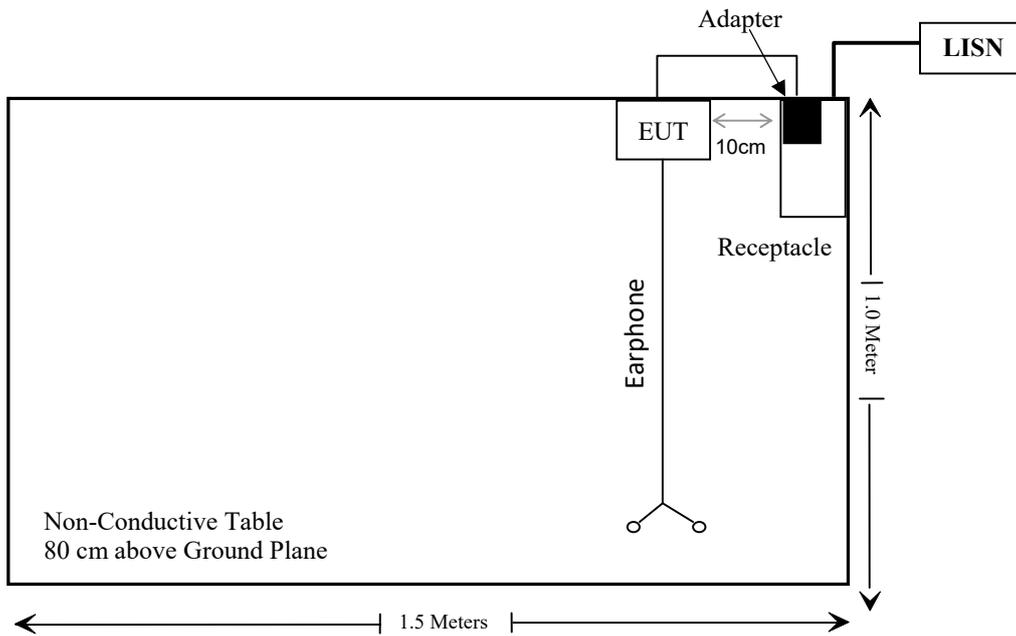
| Manufacturer | Description | Model | Serial Number |
|--------------|-------------|-------|---------------|
| / | / | / | / |

External I/O Cable

| Cable Description | Length (m) | From Port | To |
|--------------------------------|------------|-----------|-----|
| Un-shield Detachable USB Cable | 1.0 | Adapter | EUT |

Block Diagram of Test Setup

For conducted emission:



SUMMARY OF TEST RESULTS

| FCC Rules | Description of Test | Result |
|---|--|---------------|
| § 1.1307 , §2.1093 | RF Exposure | Compliant |
| §15.203 | Antenna Requirement | Compliant |
| §15.407(b)(9)& §15.207(a) | Conducted Emissions | Compliant |
| §15.205& §15.209 &§15.407(b) (1), (4), (9) ,(10) | Undesirable Emission& Restricted Bands | Compliant |
| §15.407(a) (1), (12),(e) | 26 dB Emission Bandwidth & 6dB Bandwidth | Compliant |
| §15.407(a)(1),(3) | Conducted Transmitter Output Power | Compliant |
| §15.407 (a)(1),(3) | Power Spectral Density | Compliant |

TEST EQUIPMENT LIST

| Manufacturer | Description | Model | Serial Number | Calibration Date | Calibration Due Date |
|---|------------------------------|---------------------|---------------|------------------|----------------------|
| Conducted Emissions Test | | | | | |
| Rohde& Schwarz | Test Receiver | ESPI3 | 100396 | 2020/12/24 | 2021/12/23 |
| R & S | L.I.S.N. | ENV216 | 101314 | 2020/12/25 | 2021/12/24 |
| Anritsu Corp | 50ΩCoaxial Switch | MP59B | 6200506474 | 2020/12/25 | 2021/12/24 |
| Unknown | RF Coaxial Cable | N-2m | No.2 | 2020/12/25 | 2021/12/24 |
| Conducted Emission Test Software: ES-K1 V1.71 | | | | | |
| Radiated Emission Test | | | | | |
| Rohde& Schwarz | Test Receiver | ESR | 101817 | 2020/12/24 | 2021/12/23 |
| Rohde&Schwarz | Spectrum Analyzer | FSV40 | 101495 | 2020/12/24 | 2021/12/23 |
| SONOMA INSTRUMENT | Amplifier | 310 N | 186131 | 2020/12/25 | 2021/12/24 |
| A.H. Systems, inc. | Preamplifier | PAM-0118P | 531 | 2021/07/08 | 2022/07/07 |
| Anritsu Corp | 50 Coaxial Switch | MP59B | 6100237248 | 2020/12/25 | 2021/12/24 |
| Schwarzbeck | Bilog Antenna | VULB9163 | 9163-323 | 2020/01/05 | 2023/01/04 |
| Schwarzbeck | Horn Antenna | BBHA9120D | 9120D-1067 | 2020/01/05 | 2023/01/04 |
| Quinstar | Amplifier | QLW-18405536-J0 | 15964001002 | 2020/11/28 | 2021/11/27 |
| Schwarzbeck | HORN ANTENNA | BBHA9170 | 9170-359 | 2020/01/05 | 2023/01/04 |
| OREGON SCIENTIFIC | Temperature & Humidity Meter | JB913R | GZ-WS004 | 2020/01/02 | 2023/01/01 |
| Unknown | RF Coaxial Cable | N-5m | No.3 | 2020/12/25 | 2021/12/24 |
| Unknown | RF Coaxial Cable | N-5m | No.4 | 2020/12/25 | 2021/12/24 |
| Unknown | RF Coaxial Cable | N-1m | No.5 | 2020/12/25 | 2021/12/24 |
| Unknown | RF Coaxial Cable | N-1m | No.6 | 2020/12/25 | 2021/12/24 |
| CD | Band Reject Filter | BRM-5.15/5.35g-45 | 075 | 2020/12/25 | 2021/12/24 |
| CD | Band Reject Filter | BRM-5.725/5.875G-45 | 065 | 2020/12/25 | 2021/12/24 |
| Radiated Emission Test Software: EZ_EMV V 1.1.4.2 | | | | | |

| Manufacturer | Description | Model | Serial Number | Calibration Date | Calibration Due Date |
|--------------------------|------------------------------|----------------------|--------------------|------------------|----------------------|
| RF Conducted Test | | | | | |
| Rohde & Schwarz | Spectrum Analyzer | FSV-40 | 101495 | 2020/12/24 | 2021/12/23 |
| Rohde & Schwarz | Open Switch and Control Unit | OSP120 + OSP-B157 | 101244 + 100866 | 2020/12/24 | 2021/12/23 |
| Tonscend | RF Control Unit | JS0806-2 | 19G8060182 | 2021/07/06 | 2022/07/05 |

* **Statement of Traceability:** Shenzhen Accurate Technology Co., Ltd. attests that all calibrations have been performed in accordance to requirements that traceable to National Primary Standards and International System of Units (SI).

FCC §1.1307 (b) (1) & §2.1093 – RF EXPOSURE

Applicable Standard

According to FCC §2.1093 and §1.1307(b) (1), systems operating under the provisions of this section shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excess of the Commission's guideline.

According to KDB 447498 D01 General RF Exposure Guidance

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot$

$[\sqrt{f(\text{GHz})}] \leq 3.0$ for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where

1. $f(\text{GHz})$ is the RF channel transmit frequency in GHz.

2. Power and distance are rounded to the nearest mW and mm before calculation.

3. The result is rounded to one decimal place for comparison.

4. When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test Exclusion.

For worst case:

| Frequency (MHz) | Maximum Tune-up power | | Calculated Distance (mm) | Calculated Value | Threshold (1-g SAR) | SAR Test Exclusion |
|-----------------|-----------------------|------|--------------------------|------------------|---------------------|--------------------|
| | (dBm) | (mW) | | | | |
| 5150-5250 | 7.5 | 5.62 | 0 | 2.6 | 3.0 | Yes |
| 5725-5850 | 6.0 | 3.98 | 5 | 1.9 | 3.0 | Yes |

Result: No Standalone SAR test is required

FCC §15.203 – ANTENNA REQUIREMENT

Applicable Standard

According to § 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the user of a standard antenna jack or electrical connector is prohibited. The structure and application of the EUT were analyzed to determine compliance with section §15.203 of the rules. §15.203 state that the subject device must meet the following criteria:

- a. Antenna must be permanently attached to the unit.
- b. Antenna must use a unique type of connector to attach to the EUT.

Unit must be professionally installed, and installer shall be responsible for verifying that the correct antenna is employed with the unit.

And according to FCC 47 CFR section 15.407 (a), if the transmitting antennas of directional gain greater than 6dBi are used, the transmit power and power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Antenna Connector Construction

The EUT has one internal antenna arrangement for 5G Wi-Fi, which was permanently attached and the antenna gain is -1.56dBi, fulfill the requirement of this section. Please refer to the EUT photos.

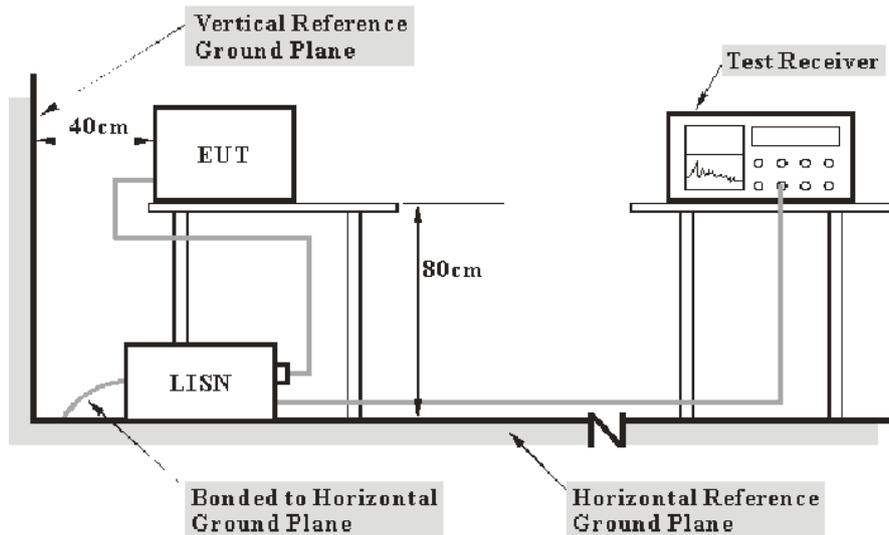
Result: Pass

FCC §15.407 (b) (9) §15.207 (a) – CONDUCTED EMISSIONS

Applicable Standard

FCC §15.207, §15.407(b) (9)

EUT Setup



- Note: 1. Support units were connected to second LISN.
 2. Both of LISNs (AMN) 80 cm from EUT and at the least 80 cm from other units and other metal planes support units.

The setup of EUT is according with per ANSI C63.10-2013 measurement procedure. The specification used was with the FCC Part 15.207 limits.

The spacing between the peripherals was 10 cm.

EMI Test Receiver Setup

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30 MHz.

During the conducted emission test, the EMI test receiver was set with the following configurations:

| Frequency Range | IF B/W |
|------------------|--------|
| 150 kHz – 30 MHz | 9 kHz |

Test Procedure

During the conducted emission test, the adapter was connected to the LISN.

Maximizing procedure was performed on the six (6) highest emissions of the EUT.

All data was recorded in the Quasi-peak and average detection mode.

Test Data

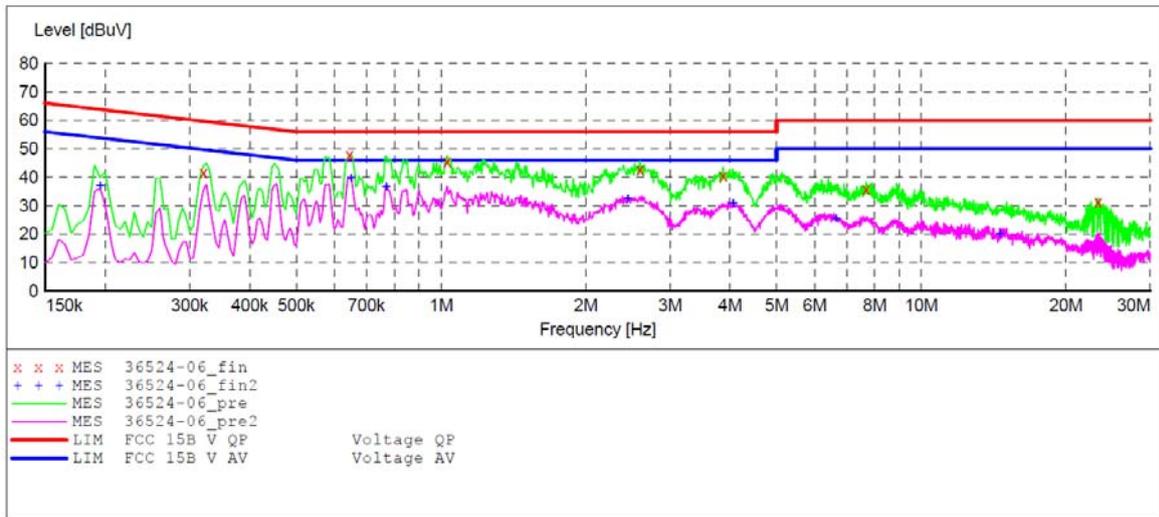
Environmental Conditions

| | |
|---------------------------|-----------|
| Temperature: | 24 °C |
| Relative Humidity: | 48 % |
| ATM Pressure: | 101.0 kPa |

The testing was performed by Fan Yang on 2021-10-02.

EUT operation mode: Transmitting (worst case is 802.11ac40, 5230MHz)

AC 120V/60 Hz, Line:



MEASUREMENT RESULT: "36524-06_fin"

2021-10-2 09:26

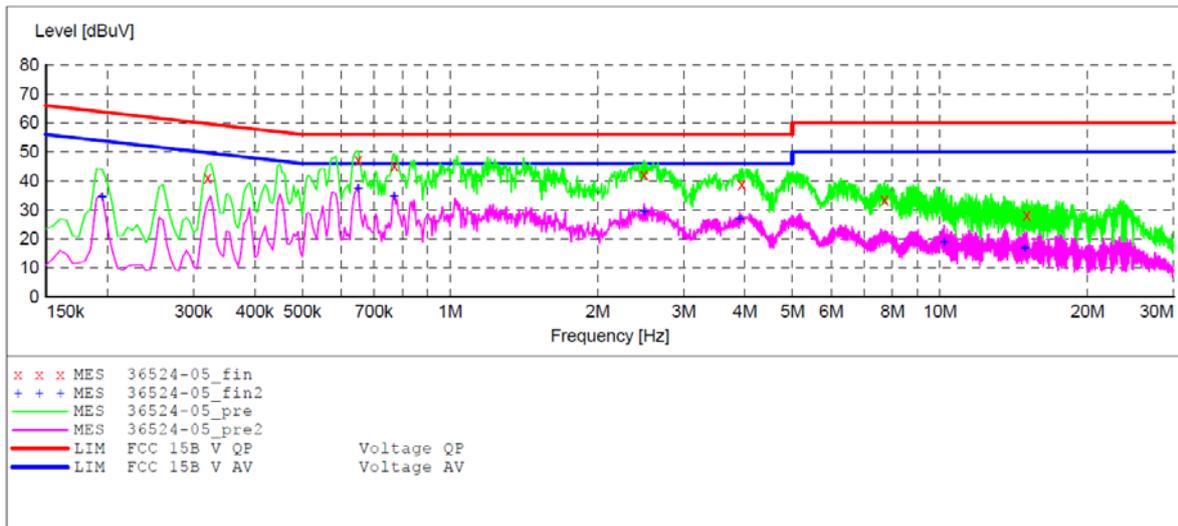
| Frequency MHz | Level dBuV | Transd dB | Limit dBuV | Margin dB | Detector | Line | PE |
|---------------|------------|-----------|------------|-----------|----------|------|-----|
| 0.315000 | 40.70 | 10.9 | 60 | 19.3 | QP | L1 | GND |
| 0.645000 | 46.60 | 11.0 | 56 | 9.4 | QP | L1 | GND |
| 1.030000 | 45.20 | 11.1 | 56 | 10.8 | QP | L1 | GND |
| 2.600000 | 42.50 | 11.3 | 56 | 13.5 | QP | L1 | GND |
| 3.870000 | 40.20 | 11.4 | 56 | 15.8 | QP | L1 | GND |
| 7.680000 | 35.40 | 11.5 | 60 | 24.6 | QP | L1 | GND |
| 23.350000 | 31.90 | 11.7 | 60 | 29.1 | QP | L1 | GND |

MEASUREMENT RESULT: "36524-06_fin2"

2021-10-2 09:26

| Frequency MHz | Level dBuV | Transd dB | Limit dBuV | Margin dB | Detector | Line | PE |
|---------------|------------|-----------|------------|-----------|----------|------|-----|
| 0.195000 | 36.90 | 10.8 | 54 | 17.1 | AV | L1 | GND |
| 0.650000 | 39.60 | 11.0 | 46 | 6.4 | AV | L1 | GND |
| 0.770000 | 36.70 | 11.1 | 46 | 9.3 | AV | L1 | GND |
| 2.450000 | 32.50 | 11.3 | 46 | 13.5 | AV | L1 | GND |
| 4.060000 | 30.70 | 11.4 | 46 | 15.3 | AV | L1 | GND |
| 6.650000 | 25.50 | 11.5 | 50 | 24.5 | AV | L1 | GND |
| 14.575000 | 20.00 | 11.6 | 50 | 30.0 | AV | L1 | GND |

AC 120V/60 Hz, Neutral:



MEASUREMENT RESULT: "36524-05_fin"

2021-10-2 09:24

| Frequency MHz | Level dBuV | Transd dB | Limit dBuV | Margin dB | Detector | Line | PE |
|------------------|---------------|--------------|---------------|--------------|----------|------|-----|
| 0.315000 | 40.70 | 10.9 | 60 | 19.3 | QP | N | GND |
| 0.650000 | 47.10 | 11.0 | 56 | 8.9 | QP | N | GND |
| 0.770000 | 45.40 | 11.1 | 56 | 10.6 | QP | N | GND |
| 2.490000 | 42.20 | 11.3 | 56 | 13.8 | QP | N | GND |
| 3.940000 | 38.90 | 11.4 | 56 | 17.1 | QP | N | GND |
| 7.700000 | 33.50 | 11.5 | 60 | 26.5 | QP | N | GND |
| 15.050000 | 28.30 | 11.6 | 60 | 31.7 | QP | N | GND |

MEASUREMENT RESULT: "36524-05_fin2"

2021-10-2 09:24

| Frequency MHz | Level dBuV | Transd dB | Limit dBuV | Margin dB | Detector | Line | PE |
|------------------|---------------|--------------|---------------|--------------|----------|------|-----|
| 0.195000 | 34.40 | 10.8 | 54 | 19.6 | AV | N | GND |
| 0.650000 | 37.30 | 11.0 | 46 | 8.7 | AV | N | GND |
| 0.770000 | 34.60 | 11.1 | 46 | 11.4 | AV | N | GND |
| 2.490000 | 29.40 | 11.3 | 46 | 16.6 | AV | N | GND |
| 3.900000 | 26.80 | 11.4 | 46 | 19.2 | AV | N | GND |
| 10.200000 | 18.80 | 11.6 | 50 | 31.2 | AV | N | GND |
| 14.900000 | 16.70 | 11.6 | 50 | 33.3 | AV | N | GND |

§15.205 & §15.209 & §15.407(B) (1), (4), (9), (10) – UNDESIRABLE EMISSION

Applicable Standard

FCC §15.407 (b) (1), (4), (9), (10); §15.209; §15.205;

(b) Undesirable emission limits. Except as shown in paragraph (b)(7) of this section, 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.

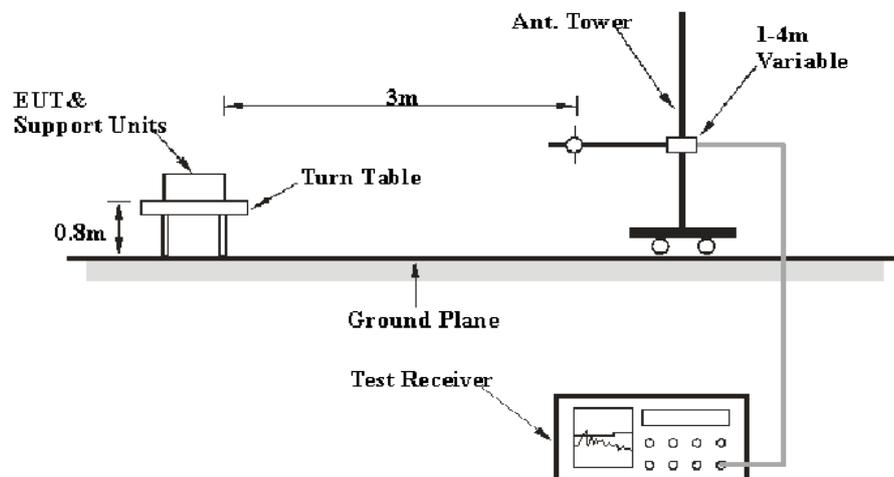
(4) For transmitters operating in the 5.725-5.85 GHz band:

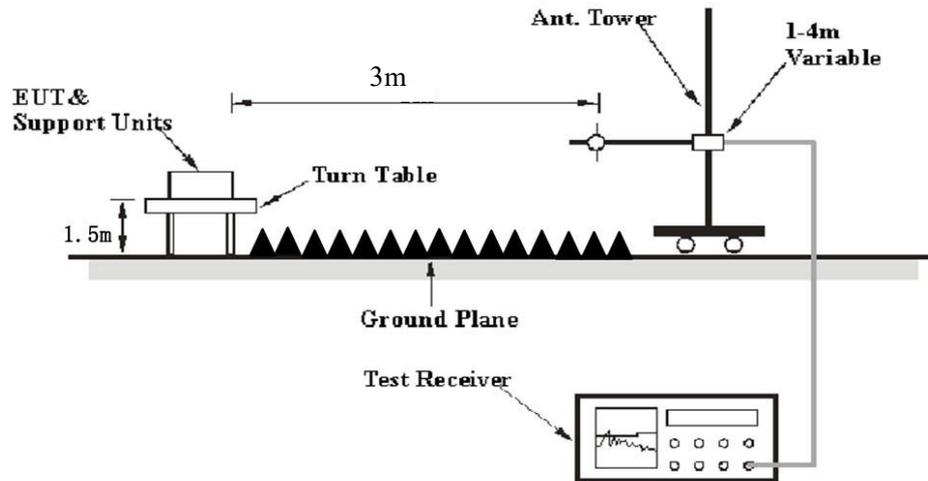
(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the 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.

Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in §15.209.

EUT Setup

Below 1 GHz:



Above 1 GHz:

The setup of EUT is according with per ANSI C63.10-2013 measurement procedure. The specification used was with the FCC 15.209 and FCC 15.407 limits.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

EMI Test Receiver & Spectrum Analyzer Setup

The system was investigated from 30 MHz to 40 GHz.

During the radiated emission test, the EMI test receiver & Spectrum Analyzer Setup were set with the following configurations:

| Frequency Range | RBW | Video B/W | IF B/W | Measurement |
|-------------------|---------|-------------------------|---------|-------------|
| 30 MHz – 1000 MHz | 100 kHz | 300 kHz | 120 kHz | QP |
| Above 1 GHz | 1 MHz | 3 MHz | / | PK |
| | 1MHz | 10 Hz ^{Note 1} | / | Average |
| | 1MHz | > 1/T ^{Note 2} | / | Average |

Note 1: when duty cycle is no less than 98%

Note 2: when duty cycle is less than 98%

Test Procedure**Radiated Spurious Emission**

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all the installation combinations.

Data was recorded in Quasi-peak detection mode for frequency range of 30 MHz-1GHz, peak and Average detection modes for frequencies above 1GHz.

Corrected Amplitude & Margin Calculation

The Corrected Amplitude is calculated by adding the Antenna Factor and Cable Loss, and subtracting the Amplifier Gain from the Meter Reading. The basic equation is as follows:

$$\text{Corrected Amplitude} = \text{Meter Reading} + \text{Antenna Factor} + \text{Cable Loss} - \text{Amplifier Gain}$$

The “**Margin**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of -7dB means the emission is 7dB below the limit. The equation for margin calculation is as follows:

$$\text{Margin} = \text{Limit} - \text{Corrected Amplitude}$$

Test Data

Environmental Conditions

| | |
|---------------------------|-----------------|
| Temperature: | 20~27.7 °C |
| Relative Humidity: | 45~54 % |
| ATM Pressure: | 100.9~101.0 kPa |

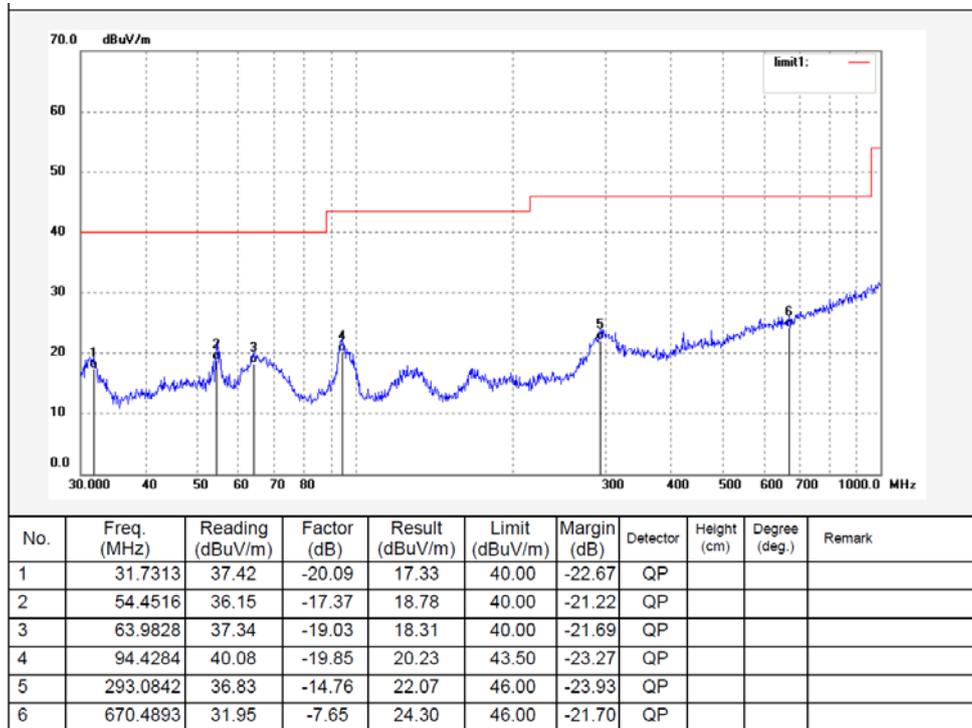
The testing was performed by Caro hu on 2021-09-02 and 2021-10-23.

EUT operation mode: Transmitting

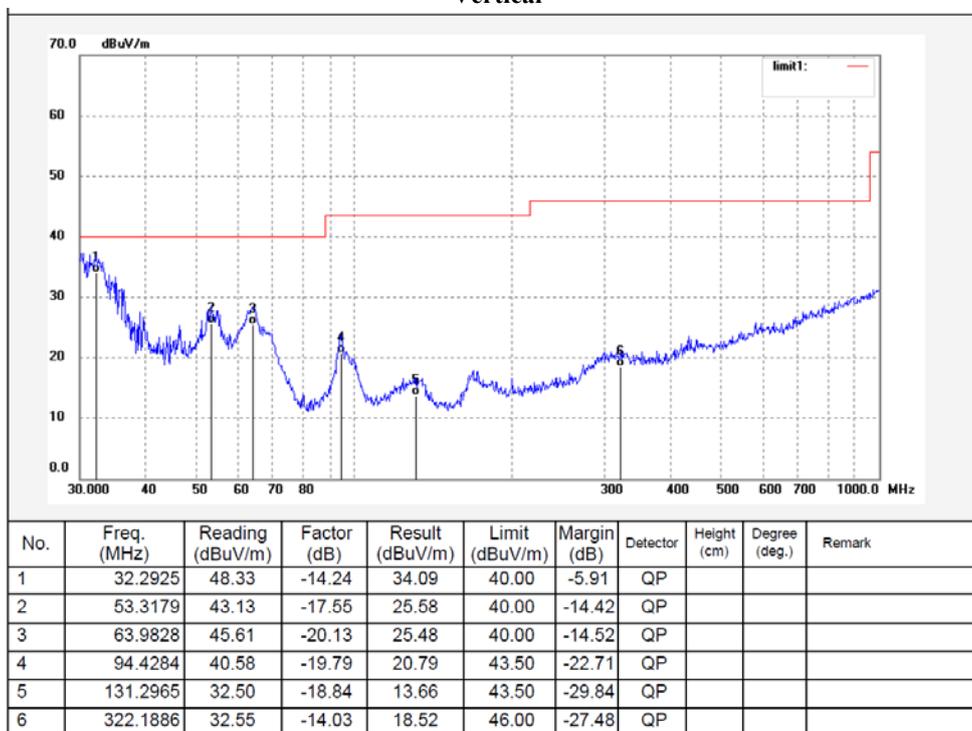
30 MHz~1 GHz: (Worst case is 802.11ac40 mode, 5230MHz)

5150-5250MHz:

Horizontal



Vertical



1 ~ 40 GHz:

5150-5250 MHz:

| Frequency (MHz) | Receiver | | Turntable Degree | Rx Antenna | | Corrected Factor (dB/m) | Corrected Amplitude (dB μ V/m) | FCC Part 15.407/205/209 | |
|--------------------|-------------------------|------------|---------------------|---------------|---------------------|-------------------------------|--|----------------------------|----------------|
| | Reading (dB μ V) | PK/QP/Ave. | | Height (m) | Polar (H / V) | | | Limit (dB μ V/m) | Margin (dB) |
| 802.11a | | | | | | | | | |
| 5180 MHz | | | | | | | | | |
| 4500 | 49.75 | PK | 234 | 1.9 | H | 1.89 | 51.64 | 74 | -22.36 |
| 4500 | 46.47 | PK | 234 | 1.9 | V | 1.89 | 48.36 | 74 | -25.64 |
| 5150 | 56.88 | PK | 130 | 2.1 | H | 3.37 | 60.25 | 74 | -13.75 |
| 5150 | 43.63 | Ave. | 130 | 2.1 | H | 3.37 | 47 | 54 | -7 |
| 5150 | 52.08 | PK | 277 | 1.1 | V | 3.37 | 55.45 | 74 | -18.55 |
| 5150 | 37.94 | Ave. | 277 | 1.1 | V | 3.37 | 41.31 | 54 | -12.69 |
| 10360 | 42.1 | PK | 40 | 2.5 | H | 14.41 | 56.51 | 68.2 | -11.69 |
| 10360 | 37.28 | PK | 40 | 2.5 | V | 14.41 | 51.69 | 68.2 | -16.51 |
| 5200 MHz | | | | | | | | | |
| 10400 | 41.24 | PK | 336 | 2 | H | 14.46 | 55.7 | 68.2 | -12.5 |
| 10400 | 38.35 | PK | 336 | 2 | V | 14.46 | 52.81 | 68.2 | -15.39 |
| 5240 MHz | | | | | | | | | |
| 5350 | 58.16 | PK | 103 | 1.5 | H | 3.43 | 61.59 | 74 | -12.41 |
| 5350 | 44.23 | Ave. | 103 | 1.5 | H | 3.43 | 47.66 | 54 | -6.34 |
| 5350 | 53.62 | PK | 300 | 2.3 | V | 3.43 | 57.05 | 74 | -16.95 |
| 5350 | 39.2 | Ave. | 300 | 2.3 | V | 3.43 | 42.63 | 54 | -11.37 |
| 5460 | 46.77 | PK | 294 | 2 | H | 3.58 | 50.35 | 74 | -23.65 |
| 5460 | 42.2 | PK | 294 | 2 | V | 3.58 | 45.78 | 74 | -28.22 |
| 10480 | 41.07 | PK | 95 | 1.8 | H | 14.53 | 55.6 | 68.2 | -12.6 |
| 10480 | 36.8 | PK | 95 | 1.8 | V | 14.53 | 51.33 | 68.2 | -16.87 |

| Frequency (MHz) | Receiver | | Turntable Degree | Rx Antenna | | Corrected Factor (dB/m) | Corrected Amplitude (dB μ V/m) | FCC Part 15.407/205/209 | |
|--------------------|-------------------------|------------|---------------------|---------------|--------------------|-------------------------------|--|----------------------------|----------------|
| | Reading (dB μ V) | PK/QP/Ave. | | Height (m) | Polar (H/ V) | | | Limit (dB μ V/m) | Margin (dB) |
| 802.11n20 | | | | | | | | | |
| 5180 MHz | | | | | | | | | |
| 4500 | 49.61 | PK | 132 | 1.8 | H | 1.89 | 51.5 | 74 | -22.5 |
| 4500 | 45.13 | PK | 132 | 1.8 | V | 1.89 | 47.02 | 74 | -26.98 |
| 5150 | 57.81 | PK | 85 | 1.6 | H | 3.37 | 61.18 | 74 | -12.82 |
| 5150 | 43.45 | Ave. | 85 | 1.6 | H | 3.37 | 46.82 | 54 | -7.18 |
| 5150 | 52.74 | PK | 123 | 1.4 | V | 3.37 | 56.11 | 74 | -17.89 |
| 5150 | 36.98 | Ave. | 123 | 1.4 | V | 3.37 | 40.35 | 54 | -13.65 |
| 10360 | 41.17 | PK | 217 | 1.1 | H | 14.41 | 55.58 | 68.2 | -12.62 |
| 10360 | 34.83 | PK | 217 | 1.1 | V | 14.41 | 49.24 | 68.2 | -18.96 |
| 5200 MHz | | | | | | | | | |
| 10400 | 40.38 | PK | 171 | 2.3 | H | 14.46 | 54.84 | 68.2 | -13.36 |
| 10400 | 33.65 | PK | 171 | 2.3 | V | 14.46 | 48.11 | 68.2 | -20.09 |
| 5240 MHz | | | | | | | | | |
| 5350 | 58.76 | PK | 81 | 1.1 | H | 3.43 | 62.19 | 74 | -11.81 |
| 5350 | 44.14 | Ave. | 81 | 1.1 | H | 3.43 | 47.57 | 54 | -6.43 |
| 5350 | 54.09 | PK | 172 | 1.5 | V | 3.43 | 57.52 | 74 | -16.48 |
| 5350 | 38.59 | Ave. | 172 | 1.5 | V | 3.43 | 42.02 | 54 | -11.98 |
| 5460 | 48.77 | PK | 298 | 2.4 | H | 3.58 | 52.35 | 74 | -21.65 |
| 5460 | 43.24 | PK | 298 | 2.4 | V | 3.58 | 46.82 | 74 | -27.18 |
| 10480 | 39.74 | PK | 181 | 1.3 | H | 14.53 | 54.27 | 68.2 | -13.93 |
| 10480 | 35.55 | PK | 181 | 1.3 | V | 14.53 | 50.08 | 68.2 | -18.12 |

| Frequency (MHz) | Receiver | | Turntable Degree | Rx Antenna | | Corrected Factor (dB/m) | Corrected Amplitude (dB μ V/m) | FCC Part 15.407/205/209 | |
|--------------------|-------------------------|------------|---------------------|---------------|---------------------|-------------------------------|--|----------------------------|----------------|
| | Reading (dB μ V) | PK/QP/Ave. | | Height (m) | Polar (H / V) | | | Limit (dB μ V/m) | Margin (dB) |
| 802.11n40 | | | | | | | | | |
| 5190 MHz | | | | | | | | | |
| 4500 | 48.6 | PK | 83 | 2.3 | H | 1.89 | 50.49 | 74 | -23.51 |
| 4500 | 43.94 | PK | 83 | 2.3 | V | 1.89 | 45.83 | 74 | -28.17 |
| 5150 | 63.92 | PK | 28 | 1.7 | H | 3.37 | 67.29 | 74 | -6.71 |
| 5150 | 44.36 | Ave. | 28 | 1.7 | H | 3.37 | 47.73 | 54 | -6.27 |
| 5150 | 58.17 | PK | 186 | 2.1 | V | 3.37 | 61.54 | 74 | -12.46 |
| 5150 | 36.94 | Ave. | 186 | 2.1 | V | 3.37 | 40.31 | 54 | -13.69 |
| 10380 | 37.67 | PK | 74 | 2.1 | H | 14.41 | 52.08 | 68.2 | -16.12 |
| 10380 | 33.1 | PK | 74 | 2.1 | V | 14.41 | 47.51 | 68.2 | -20.69 |
| 5230 MHz | | | | | | | | | |
| 5350 | 57.84 | PK | 50 | 1.3 | H | 3.43 | 61.27 | 74 | -12.73 |
| 5350 | 44.79 | Ave. | 50 | 1.3 | H | 3.43 | 48.22 | 54 | -5.78 |
| 5350 | 57.84 | PK | 72 | 2.3 | V | 3.43 | 61.27 | 74 | -12.73 |
| 5350 | 44.79 | Ave. | 72 | 2.3 | V | 3.43 | 48.22 | 54 | -5.78 |
| 5460 | 47.51 | PK | 54 | 2.3 | H | 3.58 | 51.09 | 74 | -22.91 |
| 5460 | 41.48 | PK | 54 | 2.3 | V | 3.58 | 45.06 | 74 | -28.94 |
| 10460 | 38 | PK | 187 | 2 | H | 14.5 | 52.5 | 68.2 | -15.7 |
| 10460 | 33.01 | PK | 187 | 2 | V | 14.5 | 47.51 | 68.2 | -20.69 |

| Frequency (MHz) | Receiver | | Turntable Degree | Rx Antenna | | Corrected Factor (dB/m) | Corrected Amplitude (dB μ V/m) | FCC Part 15.407/205/209 | |
|--------------------|-------------------------|------------|---------------------|---------------|---------------------|-------------------------------|--|----------------------------|----------------|
| | Reading (dB μ V) | PK/QP/Ave. | | Height (m) | Polar (H / V) | | | Limit (dB μ V/m) | Margin (dB) |
| 802.11ac20 | | | | | | | | | |
| 5180 MHz | | | | | | | | | |
| 4500 | 51.36 | PK | 231 | 2.5 | H | 1.89 | 53.25 | 74 | -20.75 |
| 4500 | 46.33 | PK | 231 | 2.5 | V | 1.89 | 48.22 | 74 | -25.78 |
| 5150 | 59.34 | PK | 40 | 1.8 | H | 3.37 | 62.71 | 74 | -11.29 |
| 5150 | 43.57 | Ave. | 40 | 1.8 | H | 3.37 | 46.94 | 54 | -7.06 |
| 5150 | 53.68 | PK | 94 | 1.7 | V | 3.37 | 57.05 | 74 | -16.95 |
| 5150 | 38.18 | Ave. | 94 | 1.7 | V | 3.37 | 41.55 | 54 | -12.45 |
| 10360 | 39.62 | PK | 115 | 2.4 | H | 14.41 | 54.03 | 68.2 | -14.17 |
| 10360 | 34.33 | PK | 115 | 2.4 | V | 14.41 | 48.74 | 68.2 | -19.46 |
| 5200 MHz | | | | | | | | | |
| 10400 | 39.53 | PK | 14 | 2 | H | 14.46 | 53.99 | 68.2 | -14.21 |
| 10400 | 33.2 | PK | 14 | 2 | V | 14.46 | 47.66 | 68.2 | -20.54 |
| 5240 MHz | | | | | | | | | |
| 4500 | 49.47 | PK | 22 | 2.5 | H | 1.89 | 51.36 | 74 | -22.64 |
| 4500 | 45.13 | PK | 22 | 2.5 | V | 1.89 | 47.02 | 74 | -26.98 |
| 5150 | 57.18 | PK | 121 | 2.3 | H | 3.37 | 60.55 | 74 | -13.45 |
| 5150 | 43.49 | Ave. | 121 | 2.3 | H | 3.37 | 46.86 | 54 | -7.14 |
| 5150 | 51.67 | PK | 133 | 1.7 | V | 3.37 | 55.04 | 74 | -18.96 |
| 5150 | 38.18 | Ave. | 133 | 1.7 | V | 3.37 | 41.55 | 54 | -12.45 |
| 10480 | 38.97 | PK | 208 | 2.3 | H | 14.53 | 53.5 | 68.2 | -14.7 |
| 10480 | 34.46 | PK | 208 | 2.3 | V | 14.53 | 48.99 | 68.2 | -19.21 |

| Frequency (MHz) | Receiver | | Turntable Degree | Rx Antenna | | Corrected Factor (dB/m) | Corrected Amplitude (dBμV/m) | FCC Part 15.407/205/209 | |
|--------------------|-------------------|------------|---------------------|---------------|--------------------|-------------------------------|------------------------------------|----------------------------|----------------|
| | Reading (dBμV) | PK/QP/Ave. | | Height (m) | Polar (H/ V) | | | Limit (dBμV/m) | Margin (dB) |
| 802.11ac40 | | | | | | | | | |
| 5190 MHz | | | | | | | | | |
| 4500 | 51.46 | PK | 119 | 2.2 | H | 1.89 | 53.35 | 74 | -20.65 |
| 4500 | 46.66 | PK | 119 | 2.2 | V | 1.89 | 48.55 | 74 | -25.45 |
| 5150 | 61.08 | PK | 32 | 1.5 | H | 3.37 | 64.45 | 74 | -9.55 |
| 5150 | 44.08 | Ave. | 32 | 1.5 | H | 3.37 | 47.45 | 54 | -6.55 |
| 5150 | 55.98 | PK | 91 | 1.5 | V | 3.37 | 59.35 | 74 | -14.65 |
| 5150 | 39.29 | Ave. | 91 | 1.5 | V | 3.37 | 42.66 | 54 | -11.34 |
| 10380 | 37.39 | PK | 256 | 1.5 | H | 14.41 | 51.8 | 68.2 | -16.4 |
| 10380 | 31.34 | PK | 256 | 1.5 | V | 14.41 | 45.75 | 68.2 | -22.45 |
| 5230 MHz | | | | | | | | | |
| 5350 | 60.01 | PK | 316 | 1.4 | H | 3.43 | 63.44 | 74 | -10.56 |
| 5350 | 44.66 | Ave. | 316 | 1.4 | H | 3.43 | 48.09 | 54 | -5.91 |
| 5350 | 54.45 | PK | 29 | 2.1 | V | 3.43 | 57.88 | 74 | -16.12 |
| 5350 | 39.76 | Ave. | 29 | 2.1 | V | 3.43 | 43.19 | 54 | -10.81 |
| 5460 | 50.06 | PK | 94 | 2 | H | 3.58 | 53.64 | 74 | -20.36 |
| 5460 | 45.47 | PK | 94 | 2 | V | 3.58 | 49.05 | 74 | -24.95 |
| 10460 | 36.84 | PK | 323 | 1.3 | H | 14.5 | 51.34 | 68.2 | -16.86 |
| 10460 | 32.13 | PK | 323 | 1.3 | V | 14.5 | 46.63 | 68.2 | -21.57 |

| Frequency (MHz) | Receiver | | Turntable Degree | Rx Antenna | | Corrected Factor (dB/m) | Corrected Amplitude (dB μ V/m) | FCC Part 15.407/205/209 | |
|--------------------|-------------------------|------------|---------------------|---------------|---------------------|-------------------------------|--|----------------------------|----------------|
| | Reading (dB μ V) | PK/QP/Ave. | | Height (m) | Polar (H / V) | | | Limit (dB μ V/m) | Margin (dB) |
| 802.11ac80 | | | | | | | | | |
| 5210MHz | | | | | | | | | |
| 4500 | 51.59 | PK | 46 | 1.8 | H | 1.89 | 53.48 | 74 | -20.52 |
| 4500 | 46.33 | PK | 46 | 1.8 | V | 1.89 | 48.22 | 74 | -25.78 |
| 5150 | 63.15 | PK | 172 | 1.7 | H | 3.37 | 66.52 | 74 | -7.48 |
| 5150 | 46.19 | Ave. | 172 | 1.7 | H | 3.37 | 49.56 | 54 | -4.44 |
| 5150 | 57.99 | PK | 168 | 1.7 | V | 3.37 | 61.36 | 74 | -12.64 |
| 5150 | 40.39 | Ave. | 168 | 1.7 | V | 3.37 | 43.76 | 54 | -10.24 |
| 5350 | 58.31 | PK | 331 | 1.9 | H | 3.43 | 61.74 | 74 | -12.26 |
| 5350 | 45.13 | Ave. | 331 | 1.9 | H | 3.43 | 48.56 | 54 | -5.44 |
| 5350 | 53.03 | PK | 104 | 1.4 | V | 3.43 | 56.46 | 74 | -17.54 |
| 5350 | 39.63 | Ave. | 104 | 1.4 | V | 3.43 | 43.06 | 54 | -10.94 |
| 5460 | 48.95 | PK | 310 | 1.7 | H | 3.58 | 52.53 | 74 | -21.47 |
| 5460 | 45.09 | PK | 310 | 1.7 | V | 3.58 | 48.67 | 74 | -25.33 |
| 10420 | 37.03 | PK | 319 | 1.8 | H | 14.46 | 51.49 | 68.2 | -16.71 |
| 10420 | 31.99 | PK | 319 | 1.8 | V | 14.46 | 46.45 | 68.2 | -21.75 |

5725-5850 MHz:

| Frequency (MHz) | Receiver | | Turntable Degree | Rx Antenna | | Corrected Factor (dB/m) | Corrected Amplitude (dB μ V/m) | FCC Part 15.407/205/209 | |
|-----------------|----------------------|------------|------------------|------------|-------------|-------------------------|------------------------------------|-------------------------|-------------|
| | Reading (dB μ V) | PK/QP/Ave. | | Height (m) | Polar (H/V) | | | Limit (dB μ V/m) | Margin (dB) |
| 802.11a | | | | | | | | | |
| 5745 MHz | | | | | | | | | |
| 5650 | 57.37 | PK | 163 | 1.8 | H | 3.75 | 61.12 | 68.2 | -7.08 |
| 5650 | 52.09 | PK | 163 | 1.8 | V | 3.75 | 55.84 | 68.2 | -12.36 |
| 5700 | 62.52 | PK | 135 | 1.9 | H | 3.89 | 66.41 | 105.2 | -38.79 |
| 5700 | 59.09 | PK | 135 | 1.9 | V | 3.89 | 62.98 | 105.2 | -42.22 |
| 5720 | 68.33 | PK | 124 | 1.4 | H | 3.95 | 72.28 | 110.8 | -38.52 |
| 5720 | 61.41 | PK | 124 | 1.4 | V | 3.95 | 65.36 | 110.8 | -45.44 |
| 5725 | 71.35 | PK | 79 | 1.5 | H | 3.97 | 75.32 | 122.2 | -46.88 |
| 5725 | 67.69 | PK | 79 | 1.5 | V | 3.97 | 71.66 | 122.2 | -50.54 |
| 11490 | 34.92 | PK | 340 | 2 | H | 14.74 | 49.66 | 74 | -24.34 |
| 11490 | 30.81 | PK | 340 | 2 | V | 14.74 | 45.55 | 74 | -28.45 |
| 5785 MHz | | | | | | | | | |
| 11570 | 36.05 | PK | 343 | 1.5 | H | 14.74 | 50.79 | 74 | -23.21 |
| 11570 | 29.74 | PK | 343 | 1.5 | V | 14.74 | 44.48 | 74 | -29.52 |
| 5825 MHz | | | | | | | | | |
| 5850 | 73.26 | PK | 138 | 1.4 | H | 4.33 | 77.59 | 122.2 | -44.61 |
| 5850 | 67.46 | PK | 138 | 1.4 | V | 4.33 | 71.79 | 122.2 | -50.41 |
| 5855 | 62.14 | PK | 182 | 1.6 | H | 4.35 | 66.49 | 110.8 | -44.31 |
| 5855 | 58.16 | PK | 182 | 1.6 | V | 4.35 | 62.51 | 110.8 | -48.29 |
| 5875 | 68.25 | PK | 56 | 1.4 | H | 4.41 | 72.66 | 105.2 | -32.54 |
| 5875 | 63.6 | PK | 56 | 1.4 | V | 4.41 | 68.01 | 105.2 | -37.19 |
| 5925 | 58.77 | PK | 237 | 2.5 | H | 4.55 | 63.32 | 68.2 | -4.88 |
| 5925 | 52.98 | PK | 237 | 2.5 | V | 4.55 | 57.53 | 68.2 | -10.67 |
| 11650 | 34.83 | PK | 239 | 2.4 | H | 14.51 | 49.34 | 74 | -24.66 |
| 11650 | 30.28 | PK | 239 | 2.4 | V | 14.51 | 44.79 | 74 | -29.21 |

| Frequency (MHz) | Receiver | | Turntable Degree | Rx Antenna | | Corrected Factor (dB/m) | Corrected Amplitude (dB μ V/m) | FCC Part 15.407/205/209 | |
|--------------------|-------------------------|------------|---------------------|---------------|----------------|-------------------------------|--|----------------------------|----------------|
| | Reading (dB μ V) | PK/QP/Ave. | | Height (m) | Polar (H/V) | | | Limit (dB μ V/m) | Margin (dB) |
| 802.11n20 | | | | | | | | | |
| 5745 MHz | | | | | | | | | |
| 5650 | 57.92 | PK | 102 | 1.3 | H | 3.75 | 61.67 | 68.2 | -6.53 |
| 5650 | 54.24 | PK | 102 | 1.3 | V | 3.75 | 57.99 | 68.2 | -10.21 |
| 5700 | 62.31 | PK | 148 | 1.9 | H | 3.89 | 66.2 | 105.2 | -39 |
| 5700 | 57.66 | PK | 148 | 1.9 | V | 3.89 | 61.55 | 105.2 | -43.65 |
| 5720 | 69.28 | PK | 117 | 1.4 | H | 3.95 | 73.23 | 110.8 | -37.57 |
| 5720 | 65.57 | PK | 117 | 1.4 | V | 3.95 | 69.52 | 110.8 | -41.28 |
| 5725 | 73.1 | PK | 294 | 1.8 | H | 3.97 | 77.07 | 122.2 | -45.13 |
| 5725 | 68.78 | PK | 294 | 1.8 | V | 3.97 | 72.75 | 122.2 | -49.45 |
| 11490 | 36.07 | PK | 31 | 1.2 | H | 14.74 | 50.81 | 74 | -23.19 |
| 11490 | 32.12 | PK | 31 | 1.2 | V | 14.74 | 46.86 | 74 | -27.14 |
| 5785 MHz | | | | | | | | | |
| 11570 | 35.31 | PK | 25 | 1.5 | H | 14.74 | 50.05 | 74 | -23.95 |
| 11570 | 32.77 | PK | 25 | 1.5 | V | 14.74 | 47.51 | 74 | -26.49 |
| 5825 MHz | | | | | | | | | |
| 5850 | 70.23 | PK | 92 | 1.3 | H | 4.33 | 74.56 | 122.2 | -47.64 |
| 5850 | 66.65 | PK | 92 | 1.3 | V | 4.33 | 70.98 | 122.2 | -51.22 |
| 5855 | 63.52 | PK | 83 | 2 | H | 4.35 | 67.87 | 110.8 | -42.93 |
| 5855 | 59.51 | PK | 83 | 2 | V | 4.35 | 63.86 | 110.8 | -46.94 |
| 5875 | 60.63 | PK | 164 | 2 | H | 4.41 | 65.04 | 105.2 | -40.16 |
| 5875 | 55.62 | PK | 164 | 2 | V | 4.41 | 60.03 | 105.2 | -45.17 |
| 5925 | 57.98 | PK | 151 | 1.8 | H | 4.55 | 62.53 | 68.2 | -5.67 |
| 5925 | 52.23 | PK | 151 | 1.8 | V | 4.55 | 56.78 | 68.2 | -11.42 |
| 11650 | 34.26 | PK | 250 | 1.1 | H | 14.51 | 48.77 | 74 | -25.23 |
| 11650 | 30 | PK | 250 | 1.1 | V | 14.51 | 44.51 | 74 | -29.49 |

| Frequency (MHz) | Receiver | | Turntable Degree | Rx Antenna | | Corrected Factor (dB/m) | Corrected Amplitude (dB μ V/m) | FCC Part 15.407/205/209 | |
|--------------------|-------------------------|------------|---------------------|---------------|----------------|-------------------------------|--|----------------------------|----------------|
| | Reading (dB μ V) | PK/QP/Ave. | | Height (m) | Polar (H/V) | | | Limit (dB μ V/m) | Margin (dB) |
| 802.11n40 | | | | | | | | | |
| 5755 MHz | | | | | | | | | |
| 5650 | 57.35 | PK | 137 | 1.2 | H | 3.75 | 61.1 | 68.2 | -7.1 |
| 5650 | 51.8 | PK | 137 | 1.2 | V | 3.75 | 55.55 | 68.2 | -12.65 |
| 5700 | 60.35 | PK | 334 | 1.6 | H | 3.89 | 64.24 | 105.2 | -40.96 |
| 5700 | 55.89 | PK | 334 | 1.6 | V | 3.89 | 59.78 | 105.2 | -45.42 |
| 5720 | 73.37 | PK | 99 | 2.5 | H | 3.95 | 77.32 | 110.8 | -33.48 |
| 5720 | 68.71 | PK | 99 | 2.5 | V | 3.95 | 72.66 | 110.8 | -38.14 |
| 5725 | 75.59 | PK | 173 | 1.3 | H | 3.97 | 79.56 | 122.2 | -42.64 |
| 5725 | 70.88 | PK | 173 | 1.3 | V | 3.97 | 74.85 | 122.2 | -47.35 |
| 11510 | 35.67 | PK | 249 | 1.9 | H | 14.74 | 50.41 | 74 | -23.59 |
| 11510 | 31.74 | PK | 249 | 1.9 | V | 14.74 | 46.48 | 74 | -27.52 |
| 5795 MHz | | | | | | | | | |
| 5850 | 69.36 | PK | 213 | 1.7 | H | 4.33 | 73.69 | 122.2 | -48.51 |
| 5850 | 64.31 | PK | 213 | 1.7 | V | 4.33 | 68.64 | 122.2 | -53.56 |
| 5855 | 60.8 | PK | 49 | 1 | H | 4.35 | 65.15 | 110.8 | -45.65 |
| 5855 | 56.71 | PK | 49 | 1 | V | 4.35 | 61.06 | 110.8 | -49.74 |
| 5875 | 69.91 | PK | 336 | 2.4 | H | 4.41 | 74.32 | 105.2 | -30.88 |
| 5875 | 65.15 | PK | 239 | 1.2 | V | 4.41 | 69.56 | 105.2 | -35.64 |
| 5925 | 59.4 | PK | 95 | 1.5 | H | 4.55 | 63.95 | 68.2 | -4.25 |
| 5925 | 55.19 | PK | 95 | 1.5 | V | 4.55 | 59.74 | 68.2 | -8.46 |
| 11590 | 35.32 | PK | 266 | 2.1 | H | 14.74 | 50.06 | 74 | -23.94 |
| 11590 | 30.67 | PK | 266 | 2.1 | V | 14.74 | 45.41 | 74 | -28.59 |

| Frequency (MHz) | Receiver | | Turntable Degree | Rx Antenna | | Corrected Factor (dB/m) | Corrected Amplitude (dBμV/m) | FCC Part 15.407/205/209 | |
|--------------------|-------------------|------------|---------------------|---------------|----------------|-------------------------------|------------------------------------|----------------------------|----------------|
| | Reading (dBμV) | PK/QP/Ave. | | Height (m) | Polar (H/V) | | | Limit (dBμV/m) | Margin (dB) |
| 802.11ac20 | | | | | | | | | |
| 5745 MHz | | | | | | | | | |
| 5650 | 58.05 | PK | 40 | 2.5 | H | 3.75 | 61.8 | 68.2 | -6.4 |
| 5650 | 53.08 | PK | 40 | 2.5 | V | 3.75 | 56.83 | 68.2 | -11.37 |
| 5700 | 62.26 | PK | 132 | 1.7 | H | 3.89 | 66.15 | 105.2 | -39.05 |
| 5700 | 57.12 | PK | 132 | 1.7 | V | 3.89 | 61.01 | 105.2 | -44.19 |
| 5720 | 63.91 | PK | 201 | 1.2 | H | 3.95 | 67.86 | 110.8 | -42.94 |
| 5720 | 58.91 | PK | 201 | 1.2 | V | 3.95 | 62.86 | 110.8 | -47.94 |
| 5725 | 69.49 | PK | 238 | 2.4 | H | 3.97 | 73.46 | 122.2 | -48.74 |
| 5725 | 66.59 | PK | 238 | 2.4 | V | 3.97 | 70.56 | 122.2 | -51.64 |
| 11490 | 35.57 | PK | 230 | 1.6 | H | 14.74 | 50.31 | 74 | -23.69 |
| 11490 | 31.79 | PK | 230 | 1.6 | V | 14.74 | 46.53 | 74 | -27.47 |
| 5785 MHz | | | | | | | | | |
| 11570 | 35.53 | PK | 185 | 1.3 | H | 14.74 | 50.27 | 74 | -23.73 |
| 11570 | 31.31 | PK | 185 | 1.3 | V | 14.74 | 46.05 | 74 | -27.95 |
| 5825 MHz | | | | | | | | | |
| 5850 | 66.9 | PK | 226 | 2.1 | H | 4.33 | 71.23 | 122.2 | -50.97 |
| 5850 | 63.02 | PK | 226 | 2.1 | V | 4.33 | 67.35 | 122.2 | -54.85 |
| 5855 | 60.25 | PK | 119 | 1 | H | 4.35 | 64.6 | 110.8 | -46.2 |
| 5855 | 56.94 | PK | 119 | 1 | V | 4.35 | 61.29 | 110.8 | -49.51 |
| 5875 | 67.94 | PK | 38 | 1.4 | H | 4.41 | 72.35 | 105.2 | -32.85 |
| 5875 | 65.15 | PK | 38 | 1.4 | V | 4.41 | 69.56 | 105.2 | -35.64 |
| 5925 | 58.74 | PK | 12 | 2.1 | H | 4.55 | 63.29 | 68.2 | -4.91 |
| 5925 | 54.28 | PK | 12 | 2.1 | V | 4.55 | 58.83 | 68.2 | -9.37 |
| 11650 | 34.59 | PK | 172 | 1.4 | H | 14.74 | 49.33 | 74 | -24.67 |
| 11650 | 31.15 | PK | 172 | 1.4 | V | 14.74 | 45.89 | 74 | -28.11 |

| Frequency (MHz) | Receiver | | Turntable Degree | Rx Antenna | | Corrected Factor (dB/m) | Corrected Amplitude (dB μ V/m) | FCC Part 15.407/205/209 | |
|-----------------|----------------------|------------|------------------|------------|-------------|-------------------------|------------------------------------|-------------------------|-------------|
| | Reading (dB μ V) | PK/QP/Ave. | | Height (m) | Polar (H/V) | | | Limit (dB μ V/m) | Margin (dB) |
| 802.11ac40 | | | | | | | | | |
| 5755 MHz | | | | | | | | | |
| 5650 | 58.03 | PK | 34 | 2 | H | 3.75 | 61.78 | 68.2 | -6.42 |
| 5650 | 53.22 | PK | 34 | 2 | V | 3.75 | 56.97 | 68.2 | -11.23 |
| 5700 | 62.16 | PK | 251 | 2.1 | H | 3.89 | 66.05 | 105.2 | -39.15 |
| 5700 | 56.69 | PK | 251 | 2.1 | V | 3.89 | 60.58 | 105.2 | -44.62 |
| 5720 | 69.16 | PK | 185 | 1.5 | H | 3.95 | 73.11 | 110.8 | -37.69 |
| 5720 | 64.34 | PK | 185 | 1.5 | V | 3.95 | 68.29 | 110.8 | -42.51 |
| 5725 | 72.81 | PK | 99 | 2 | H | 3.97 | 76.78 | 122.2 | -45.42 |
| 5725 | 67.89 | PK | 99 | 2 | V | 3.97 | 71.86 | 122.2 | -50.34 |
| 11510 | 35.6 | PK | 208 | 1.9 | H | 14.74 | 50.34 | 74 | -23.66 |
| 11510 | 31.59 | PK | 208 | 1.9 | V | 14.74 | 46.33 | 74 | -27.67 |
| 5795 MHz | | | | | | | | | |
| 5850 | 66.64 | PK | 165 | 2.1 | H | 4.33 | 70.97 | 122.2 | -51.23 |
| 5850 | 62.73 | PK | 165 | 2.1 | V | 4.33 | 67.06 | 122.2 | -55.14 |
| 5855 | 61.48 | PK | 300 | 2.3 | H | 4.35 | 65.83 | 110.8 | -44.97 |
| 5855 | 57.22 | PK | 300 | 2.3 | V | 4.35 | 61.57 | 110.8 | -49.23 |
| 5875 | 67.11 | PK | 108 | 2.3 | H | 4.41 | 71.52 | 105.2 | -33.68 |
| 5875 | 62.84 | PK | 108 | 2.3 | V | 4.41 | 67.25 | 105.2 | -37.95 |
| 5925 | 58.79 | PK | 32 | 1.7 | H | 4.55 | 63.34 | 68.2 | -4.86 |
| 5925 | 54.48 | PK | 32 | 1.7 | V | 4.55 | 59.03 | 68.2 | -9.17 |
| 11590 | 36.17 | PK | 9 | 2 | H | 14.74 | 50.91 | 74 | -23.09 |
| 11590 | 30.79 | PK | 9 | 2 | V | 14.74 | 45.53 | 74 | -28.47 |

| Frequency (MHz) | Receiver | | Turntable Degree | Rx Antenna | | Corrected Factor (dB/m) | Corrected Amplitude (dBμV/m) | FCC Part 15.407/205/209 | |
|--------------------|-------------------|------------|---------------------|---------------|----------------|-------------------------------|------------------------------------|----------------------------|----------------|
| | Reading (dBμV) | PK/QP/Ave. | | Height (m) | Polar (H/V) | | | Limit (dBμV/m) | Margin (dB) |
| 802.11ac80 | | | | | | | | | |
| 5775 MHz | | | | | | | | | |
| 5650 | 57.05 | PK | 360 | 1.3 | H | 3.75 | 60.8 | 68.2 | -7.4 |
| 5650 | 52.06 | PK | 360 | 1.3 | V | 3.75 | 55.81 | 68.2 | -12.39 |
| 5700 | 59.68 | PK | 288 | 2.4 | H | 3.89 | 63.57 | 105.2 | -41.63 |
| 5700 | 54.72 | PK | 288 | 2.4 | V | 3.89 | 58.61 | 105.2 | -46.59 |
| 5720 | 69.08 | PK | 233 | 1 | H | 3.95 | 73.03 | 110.8 | -37.77 |
| 5720 | 64.09 | PK | 233 | 1 | V | 3.95 | 68.04 | 110.8 | -42.76 |
| 5725 | 70.43 | PK | 10 | 1.5 | H | 3.97 | 74.4 | 122.2 | -47.8 |
| 5725 | 66.81 | PK | 10 | 1.5 | V | 3.97 | 70.78 | 122.2 | -51.42 |
| 5850 | 68.13 | PK | 45 | 1.4 | H | 4.33 | 72.46 | 122.2 | -49.74 |
| 5850 | 63.71 | PK | 45 | 1.4 | V | 4.33 | 68.04 | 122.2 | -54.16 |
| 5855 | 60.74 | PK | 241 | 2.2 | H | 4.35 | 65.09 | 110.8 | -45.71 |
| 5855 | 56.96 | PK | 241 | 2.2 | V | 4.35 | 61.31 | 110.8 | -49.49 |
| 5875 | 67.99 | PK | 278 | 2.1 | H | 4.41 | 72.4 | 105.2 | -32.8 |
| 5875 | 62.65 | PK | 278 | 2.1 | V | 4.41 | 67.06 | 105.2 | -38.14 |
| 5925 | 58.94 | PK | 307 | 1.2 | H | 4.55 | 63.49 | 68.2 | -4.71 |
| 5925 | 54.32 | PK | 307 | 1.2 | V | 4.55 | 58.87 | 68.2 | -9.33 |
| 11550 | 36.24 | PK | 210 | 2.4 | H | 14.67 | 50.91 | 74 | -23.09 |
| 11550 | 30.86 | PK | 210 | 2.4 | V | 14.67 | 45.53 | 74 | -28.47 |

Note:

Corrected Amplitude = Corrected Factor + Reading

Corrected Factor=Antenna factor (RX) + Cable Loss – Amplifier Factor

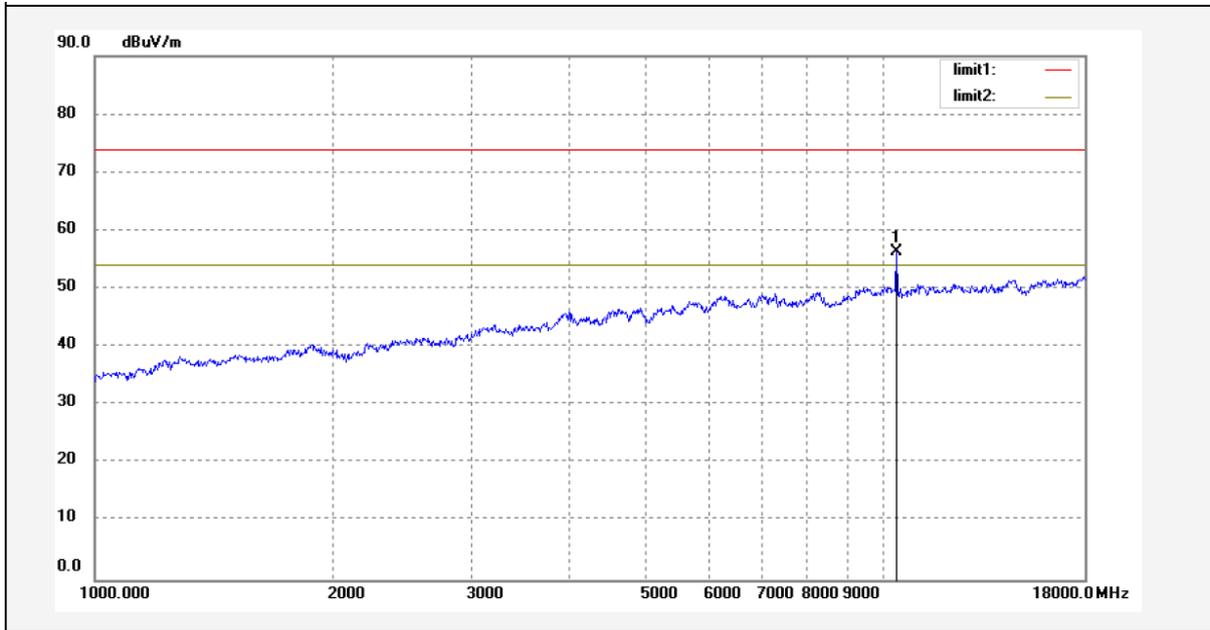
Margin =Corrected. Amplitude - Limit

All other spurious emissions are 20 dB below the limit or are on the system noise floor level.

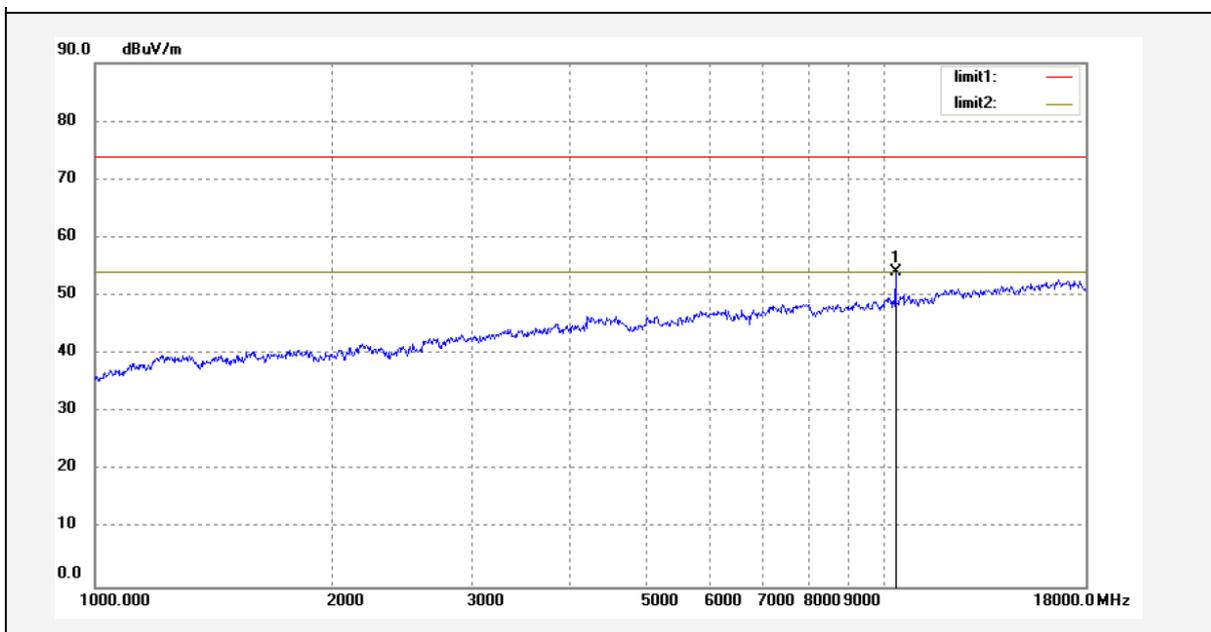
The test result of peak was less than the limit of average, so just peak values were recorded.

1-18 GHz:

Pre-scan for Peak
802.11a 5180MHz
Horizontal:

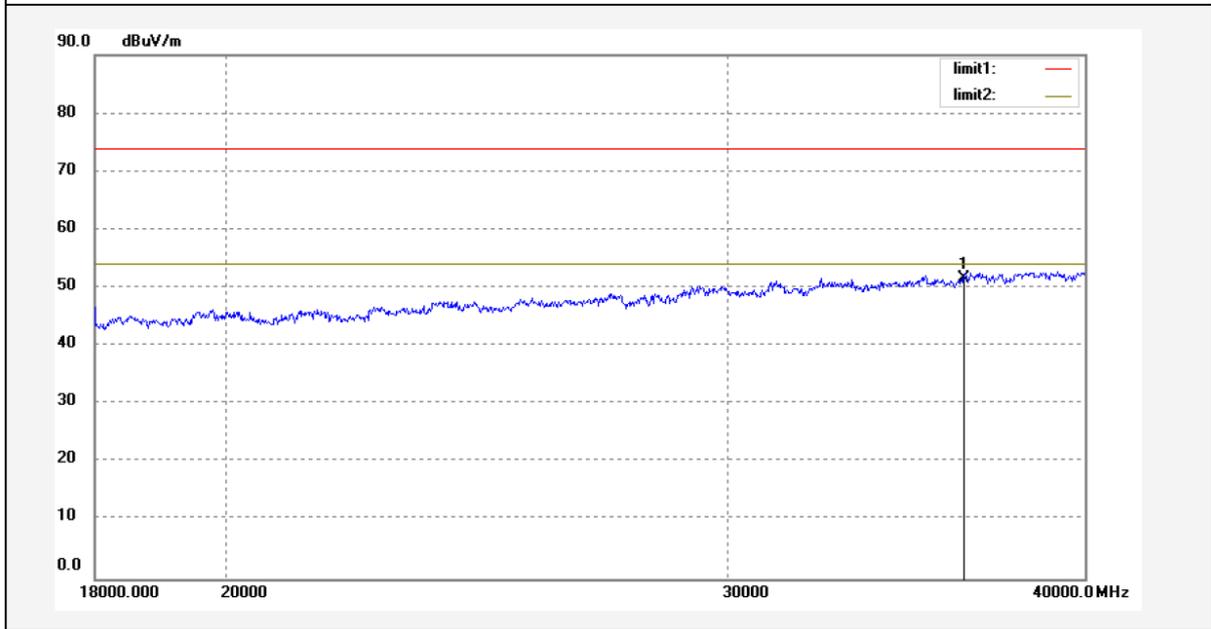


Vertical:

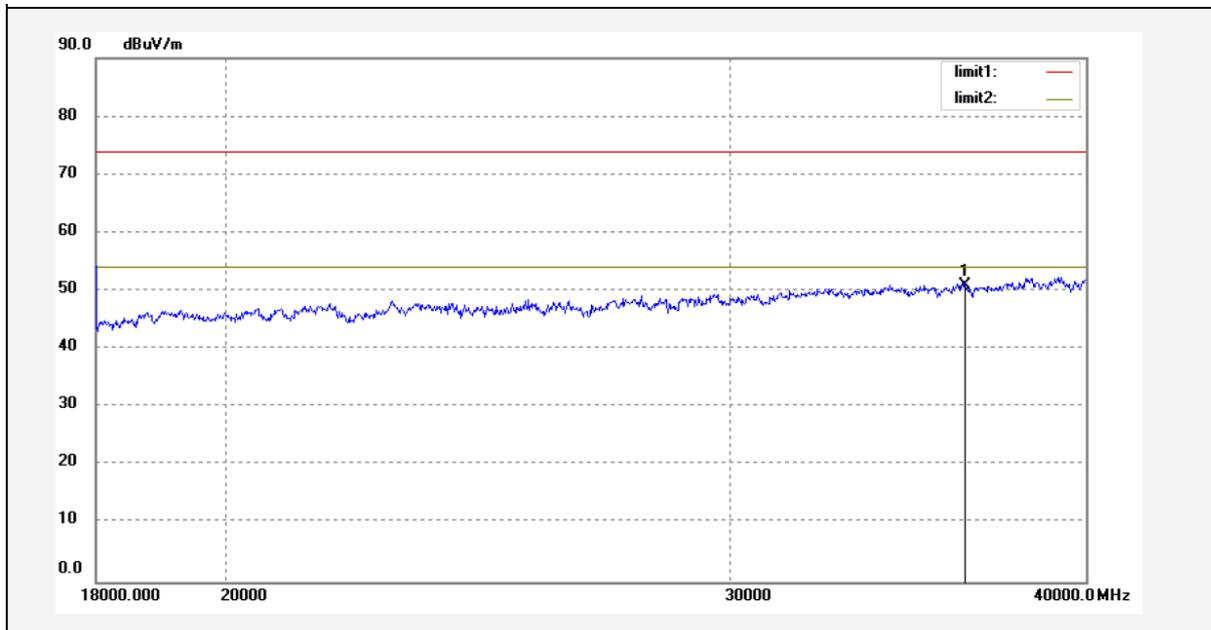


18-40 GHz:

Pre-scan for Peak
802.11a 5180MHz
Horizontal:



Vertical:



FCC §15.407(A) (1) – 26 DB & 6DB EMISSION BANDWIDTH

Applicable Standard

The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test. If the device cannot be connected directly, alternative techniques acceptable to the Commission may be used. Measurements in the 5.725-5.85 GHz band are made over a reference bandwidth of 500 kHz or the 26 dB emission bandwidth of the device, whichever is less. Measurements in the 5.15-5.25 GHz, 5.25-5.35 GHz, and the 5.47-5.725 GHz bands are made over a bandwidth of 1 MHz or the 26 dB emission bandwidth of the device, whichever is less. A narrower resolution bandwidth can be used, provided that the measured power is integrated over the full reference bandwidth.

Within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

Test Procedure

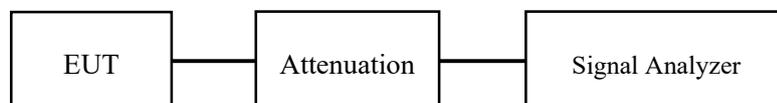
1. Emission Bandwidth (EBW)

- a) Set RBW = approximately 1% of the emission bandwidth.
- b) Set the VBW > RBW.
- c) Detector = Peak.
- d) Trace mode = max hold.
- e) Measure the maximum width of the emission that is 26 dB down from the maximum of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

2. Minimum Emission Bandwidth for the band 5.725-5.85 GHz

Section 15.407(e) specifies the minimum 6 dB emission bandwidth of at least 500 KHz for the band 5.715-5.85 GHz. The following procedure shall be used for measuring this bandwidth:

- a) Set RBW = 100 kHz.
- b) Set the video bandwidth (VBW) $\geq 3 \times$ RBW.
- c) Detector = Peak.
- d) Trace mode = max hold.
- e) Sweep = auto couple.
- f) Allow the trace to stabilize.
- g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.



Test Data

Environmental Conditions

| | |
|---------------------------|-----------|
| Temperature: | 25 °C |
| Relative Humidity: | 63 % |
| ATM Pressure: | 101.0 kPa |

The testing was performed by Ting Lv on 2021-09-07 and 2021-10-22.

EUT operation mode: Transmitting

Test Result: Pass

Please refer to the Appendix

FCC §15.407(a) (1) (3) – CONDUCTED TRANSMITTER OUTPUT POWER

Applicable Standard

For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

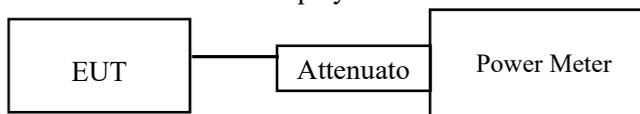
For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

Test Procedure

1. Place the EUT on a bench and set it in transmitting mode.
2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to one test equipment.
3. Add a correction factor to the display.



Test Data**Environmental Conditions**

| | |
|---------------------------|-----------|
| Temperature: | 25 °C |
| Relative Humidity: | 63 % |
| ATM Pressure: | 101.0 kPa |

The testing was performed by Ting Lv on 2021-09-07 and 2021-10-22.

EUT operation mode: Transmitting

Test Result: Pass

Please refer to the Appendix

FCC §15.407(a) (1) (3) - POWER SPECTRAL DENSITY

Applicable Standard

For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

Test Procedure

For devices operating in the bands 5.15-5.25 GHz, 5.25-5.35 GHz, and 5.47-5.725 GHz, the above procedures make use of 1 MHz RBW to satisfy directly the 1 MHz reference bandwidth specified in § 15.407(a)(5). For devices operating in the band 5.725-5.85 GHz, the rules specify a measurement bandwidth of 500 kHz. Many spectrum analyzers do not have 500 kHz RBW, thus a narrower RBW may need to be used. The rules permit the use of a RBWs less than 1 MHz, or 500 kHz, “provided that the measured power is integrated over the full reference bandwidth” to show the total power over the specified measurement bandwidth (i.e., 1 MHz, or 500 kHz). If measurements are performed using a reduced resolution bandwidth (< 1 MHz, or < 500 kHz) and integrated over 1 MHz, or 500 kHz bandwidth, the following adjustments to the procedures apply:

- a) Set $RBW \geq 1/T$, where T is defined in section II.B.1.a).
- b) Set $VBW \geq 3 RBW$.
- c) If measurement bandwidth of Maximum PSD is specified in 500 kHz, add $10 \log(500 \text{ kHz}/RBW)$ to the measured result, whereas $RBW (< 500 \text{ kHz})$ is the reduced resolution bandwidth of the spectrum analyzer set during measurement.
- d) If measurement bandwidth of Maximum PSD is specified in 1 MHz, add $10 \log(1\text{MHz}/RBW)$ to the measured result, whereas $RBW (< 1 \text{ MHz})$ is the reduced resolution bandwidth of spectrum analyzer set during measurement.
- e) Care must be taken to ensure that the measurements are performed during a period of continuous transmission or are corrected upward for duty cycle.

Test Data

Environmental Conditions

| | |
|---------------------------|-----------|
| Temperature: | 25 °C |
| Relative Humidity: | 63 % |
| ATM Pressure: | 101.0 kPa |

The testing was performed by Ting Lv on 2021-09-07 and 2021-10-22.

EUT operation mode: Transmitting

Test Result: Pass

Please refer to the Appendix

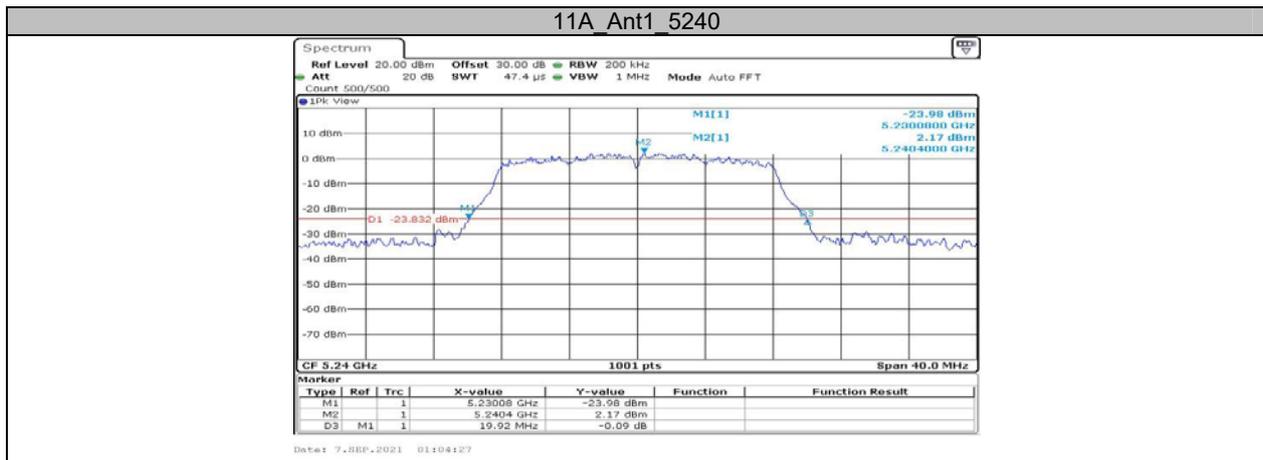
APPENDIX

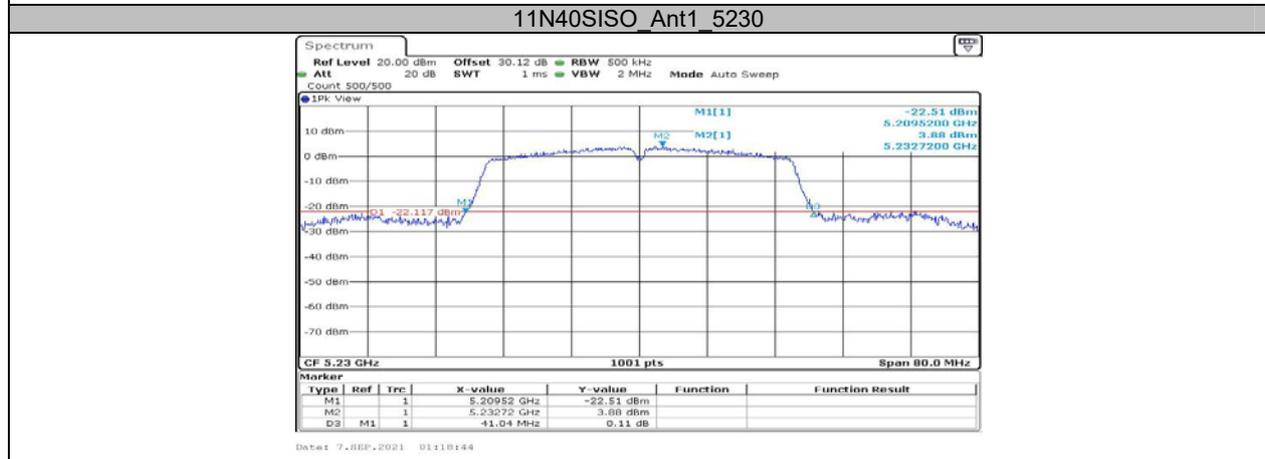
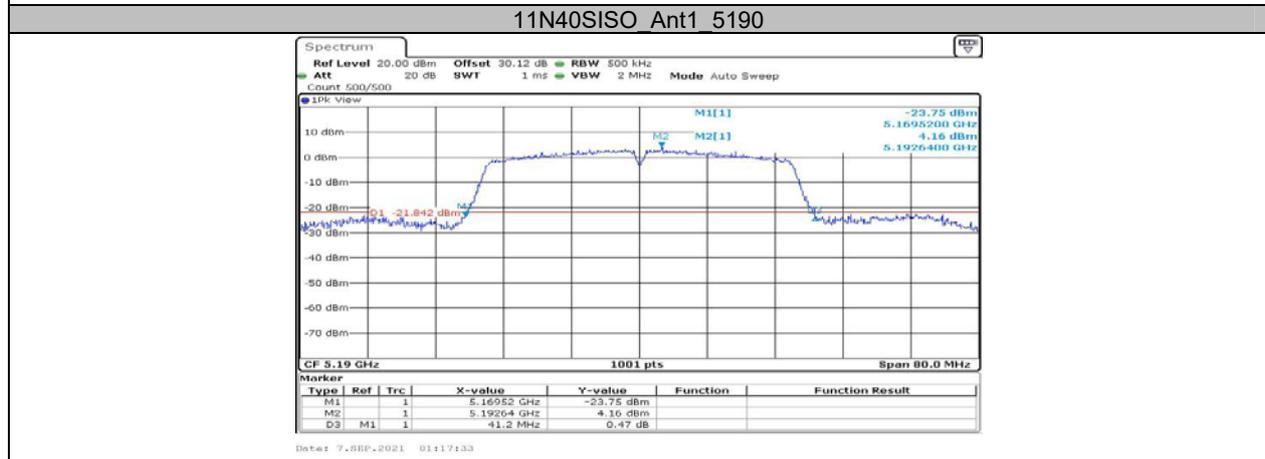
Appendix A1: Emission Bandwidth Test Result

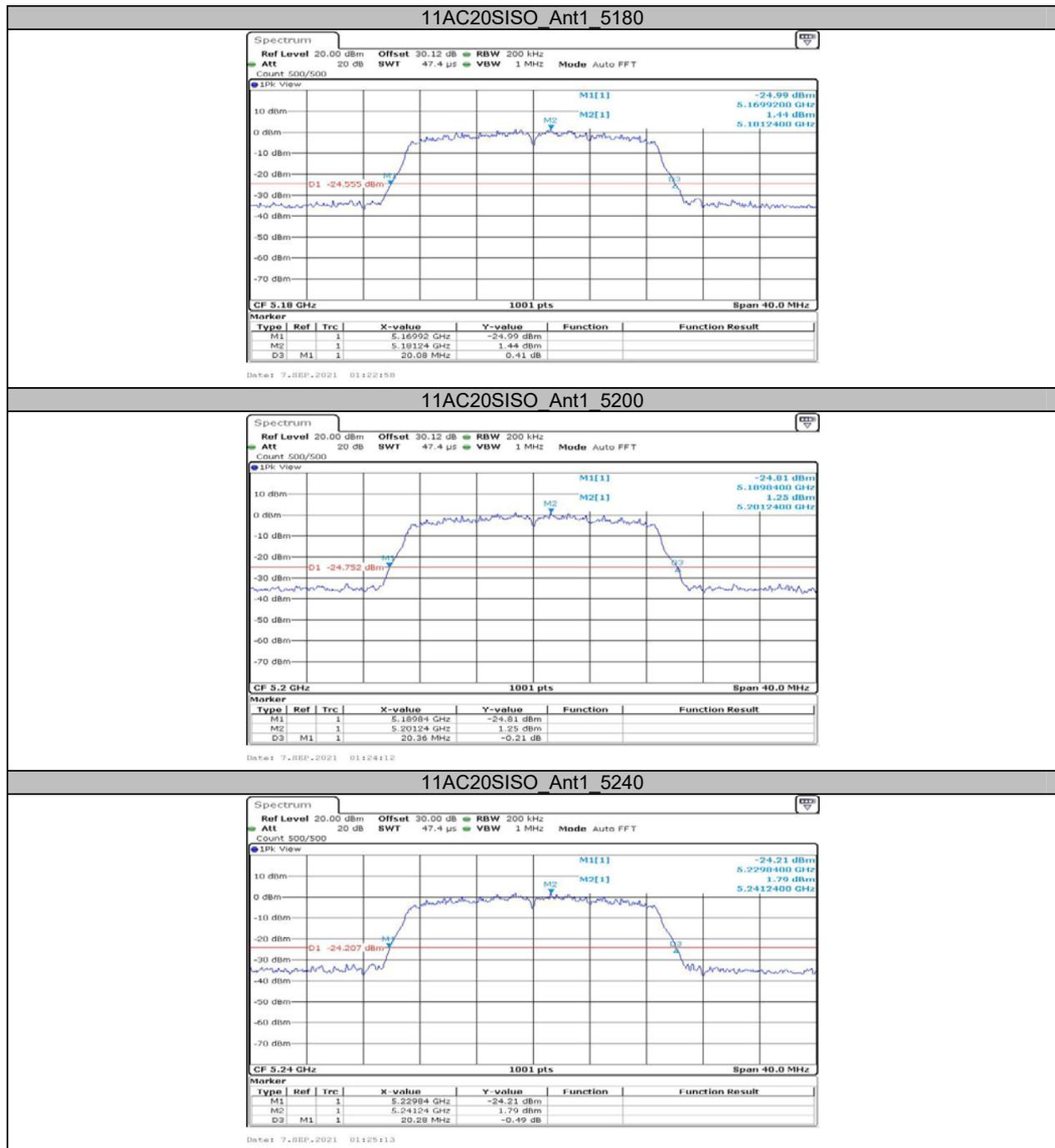
| Test Mode | Antenna | Channel | 26db EBW [MHz] | Limit[MHz] | Verdict |
|------------|---------|---------|----------------|------------|---------|
| 11A | Ant1 | 5180 | 20.080 | --- | PASS |
| | | 5200 | 19.880 | --- | PASS |
| | | 5240 | 19.920 | --- | PASS |
| 11N20SISO | Ant1 | 5180 | 20.240 | --- | PASS |
| | | 5200 | 20.240 | --- | PASS |
| | | 5240 | 20.120 | --- | PASS |
| 11N40SISO | Ant1 | 5190 | 41.200 | --- | PASS |
| | | 5230 | 41.040 | --- | PASS |
| 11AC20SISO | Ant1 | 5180 | 20.080 | --- | PASS |
| | | 5200 | 20.360 | --- | PASS |
| | | 5240 | 20.280 | --- | PASS |
| 11AC40SISO | Ant1 | 5190 | 41.440 | --- | PASS |
| | | 5230 | 41.120 | --- | PASS |
| 11AC80SISO | Ant1 | 5210 | 81.920 | --- | PASS |

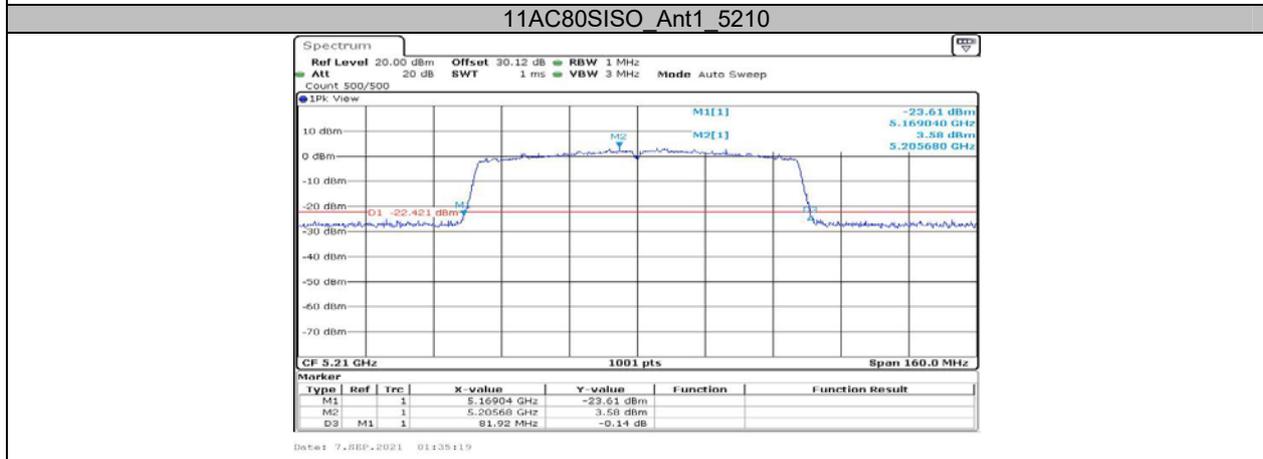
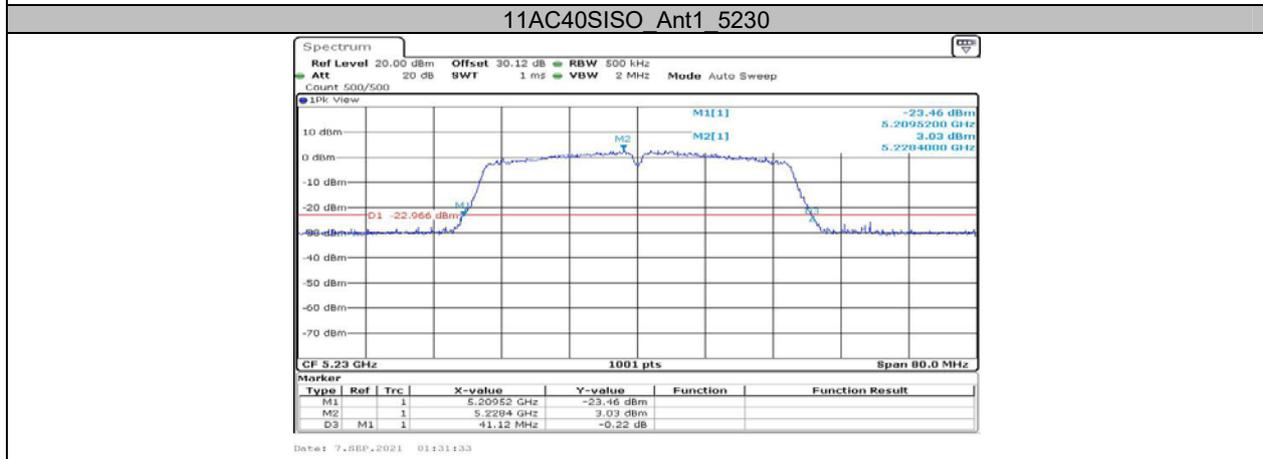
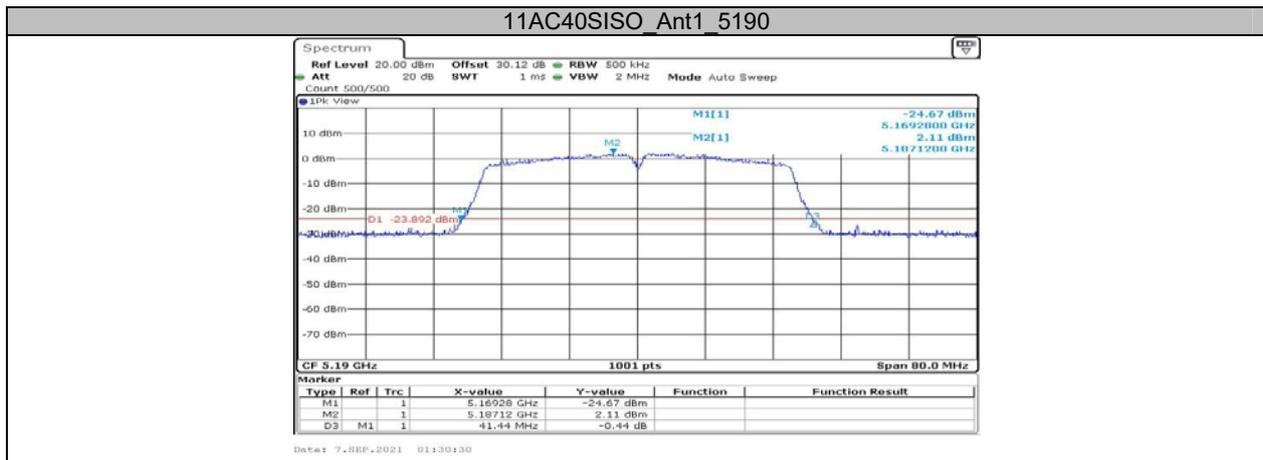
Test Graphs











**Appendix A2: Occupied channel bandwidth
Test Result**

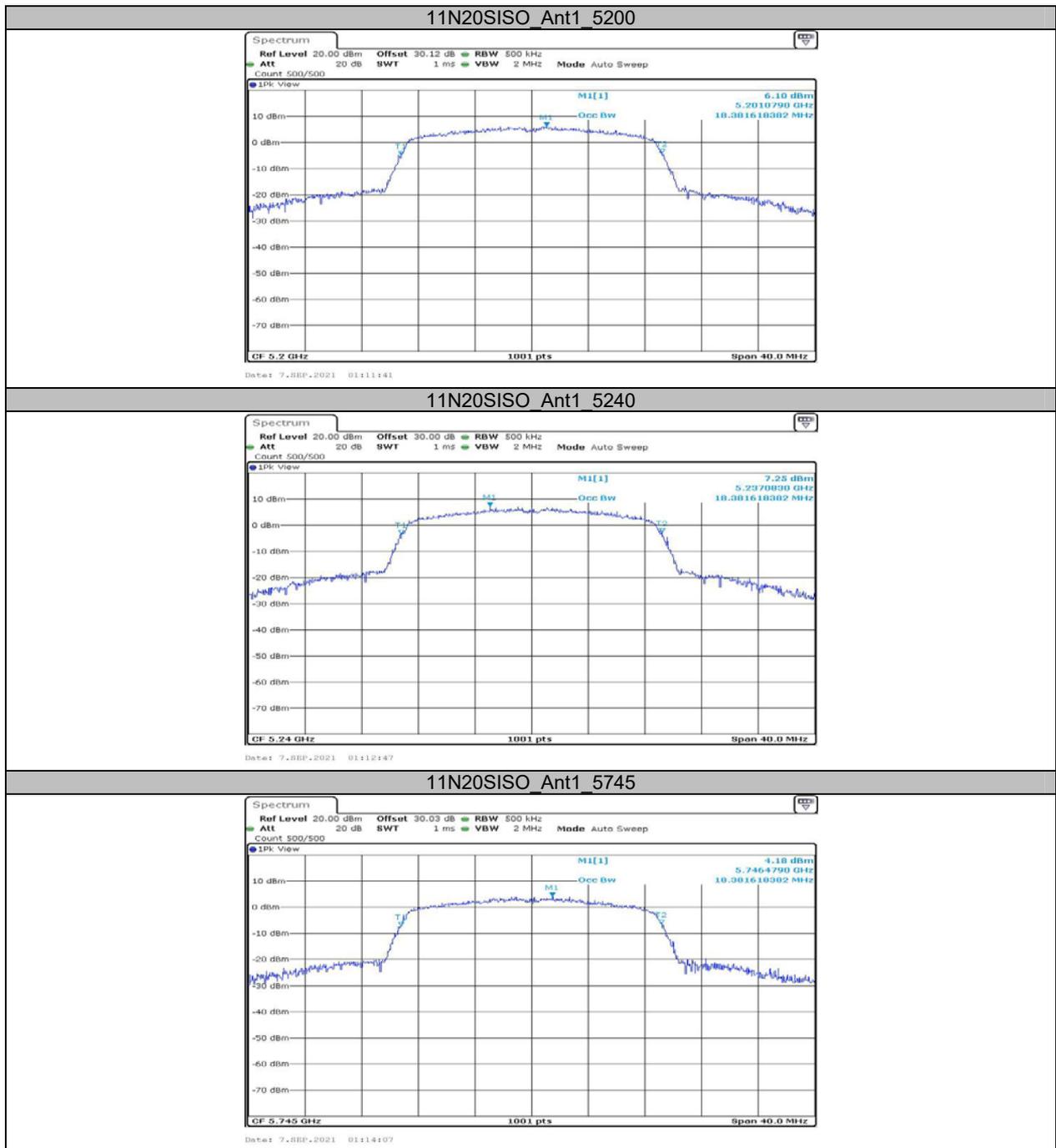
| Test Mode | Antenna | Channel | OCB [MHz] | Limit[MHz] | Verdict |
|------------|---------|---------|-----------|------------|---------|
| 11A | Ant1 | 5180 | 17.343 | --- | PASS |
| | | 5200 | 17.423 | --- | PASS |
| | | 5240 | 17.343 | --- | PASS |
| | | 5745 | 17.383 | --- | PASS |
| | | 5785 | 17.383 | --- | PASS |
| | | 5825 | 17.423 | --- | PASS |
| 11N20SISO | Ant1 | 5180 | 18.382 | --- | PASS |
| | | 5200 | 18.382 | --- | PASS |
| | | 5240 | 18.382 | --- | PASS |
| | | 5745 | 18.382 | --- | PASS |
| | | 5785 | 18.342 | --- | PASS |
| | | 5825 | 18.382 | --- | PASS |
| 11N40SISO | Ant1 | 5190 | 37.003 | --- | PASS |
| | | 5230 | 36.843 | --- | PASS |
| | | 5755 | 37.163 | --- | PASS |
| | | 5795 | 37.243 | --- | PASS |
| 11AC20SISO | Ant1 | 5180 | 18.062 | --- | PASS |
| | | 5200 | 18.102 | --- | PASS |
| | | 5240 | 18.102 | --- | PASS |
| | | 5745 | 18.222 | --- | PASS |
| | | 5785 | 18.182 | --- | PASS |
| | | 5825 | 18.222 | --- | PASS |
| 11AC40SISO | Ant1 | 5190 | 37.003 | --- | PASS |
| | | 5230 | 36.843 | --- | PASS |
| | | 5755 | 37.802 | --- | PASS |
| | | 5795 | 38.521 | --- | PASS |
| 11AC80SISO | Ant1 | 5210 | 76.084 | --- | PASS |
| | | 5775 | 80.719 | --- | PASS |

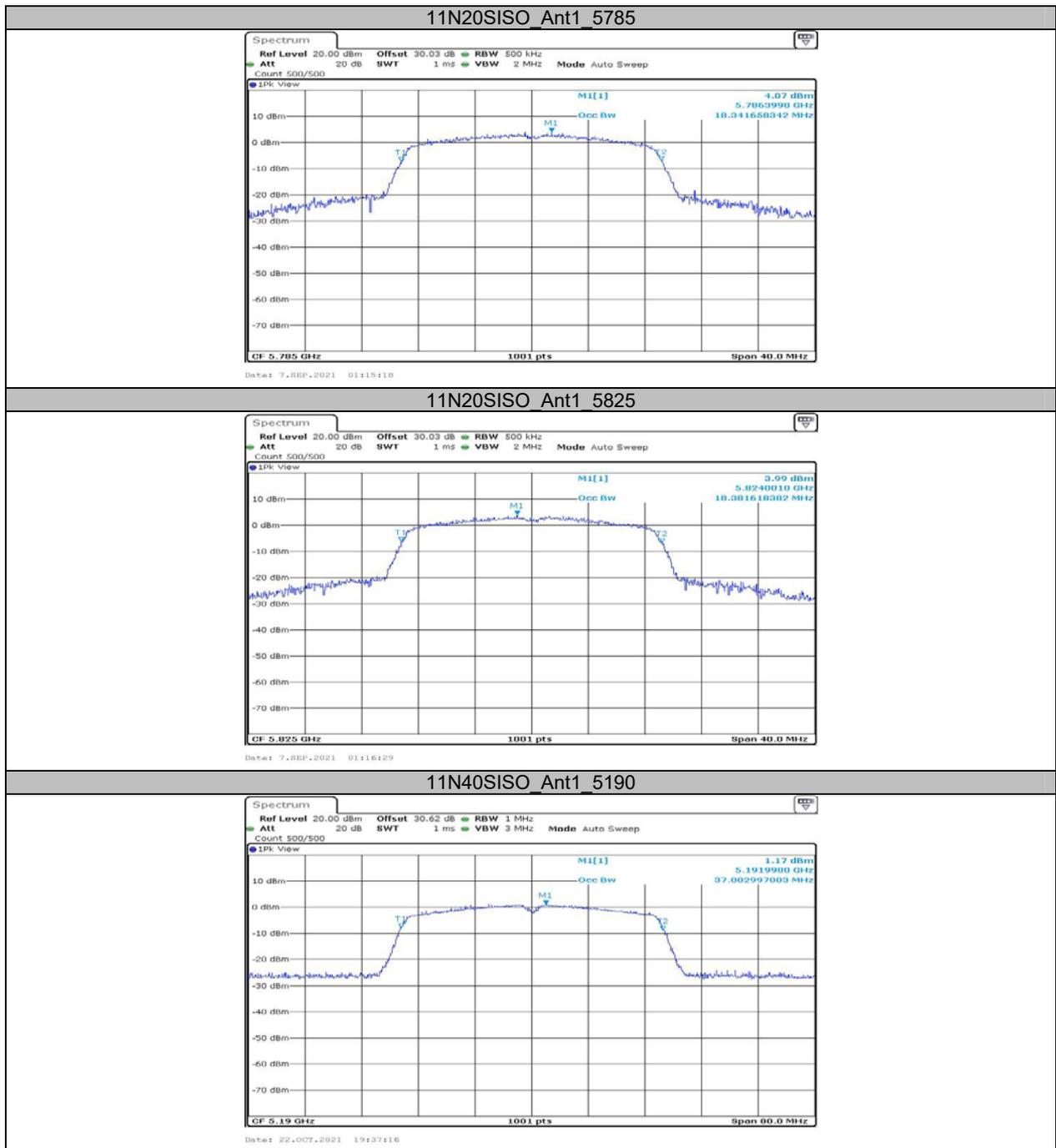
Test Graphs









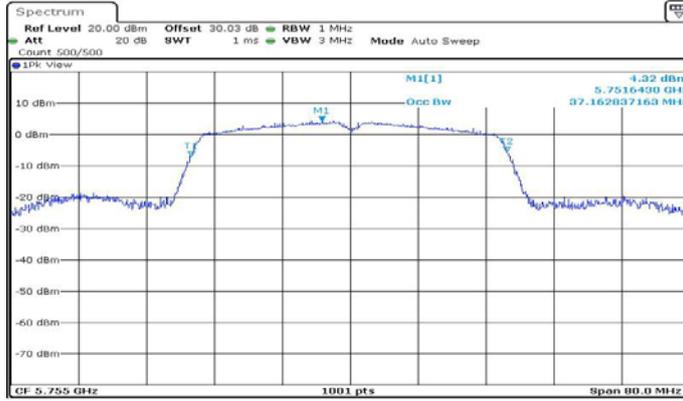


11N40SISO Ant1 5230



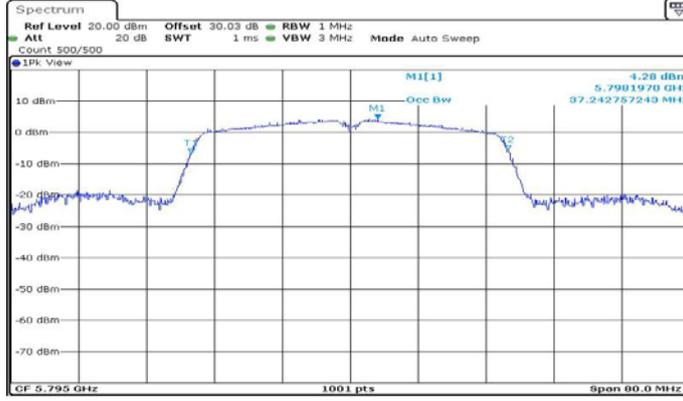
Date: 22.OCT.2021 19:37:59

11N40SISO Ant1 5755

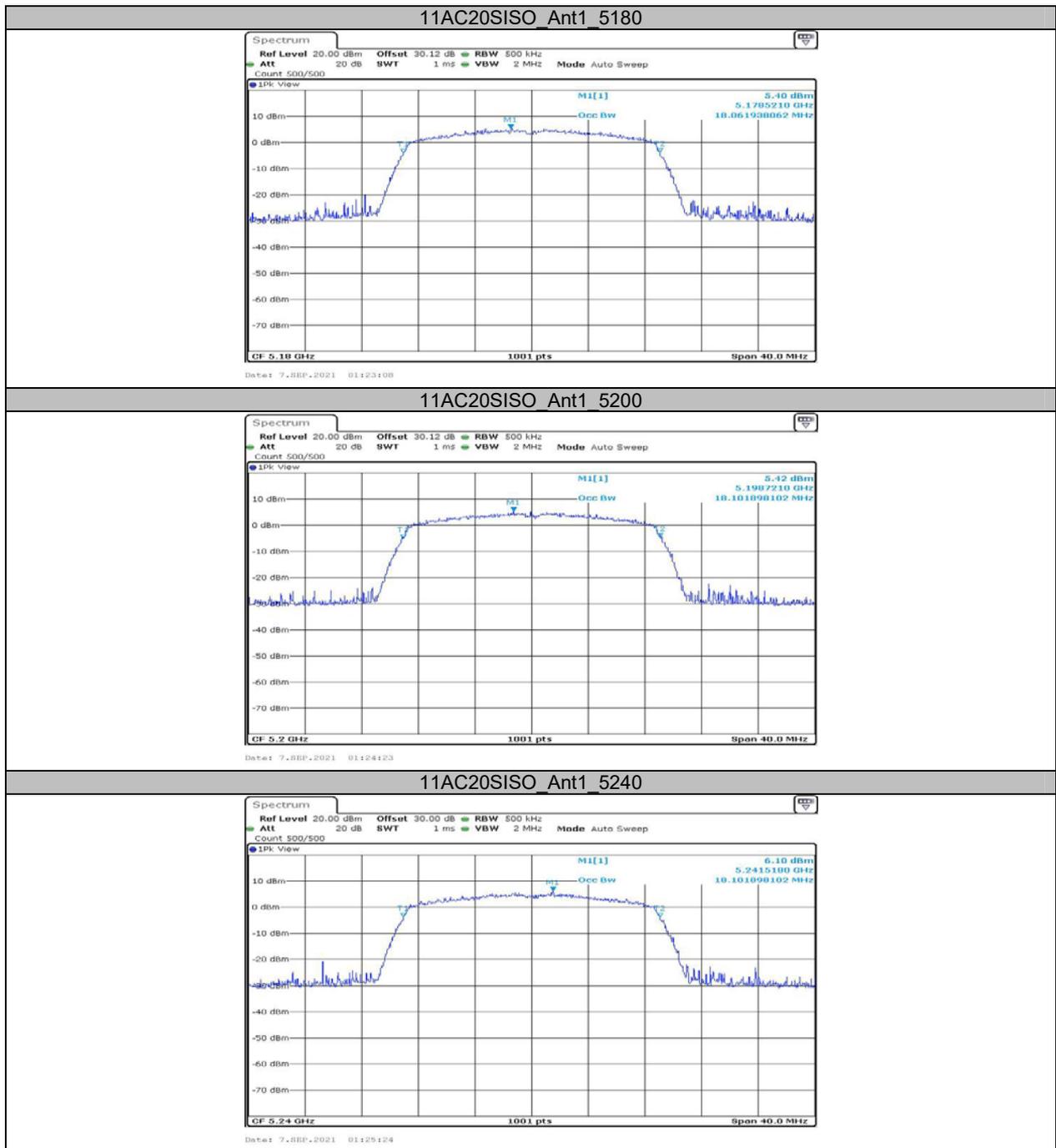


Date: 7.SEP.2021 01:20:11

11N40SISO Ant1 5795



Date: 7.SEP.2021 01:21:34









Appendix A3: Min emission bandwidth Test Result

| Test Mode | Antenna | Channel | 6db EBW [MHz] | Limit[MHz] | Verdict |
|------------|---------|---------|---------------|------------|---------|
| 11A | Ant1 | 5745 | 15.200 | 0.5 | PASS |
| | | 5785 | 15.200 | 0.5 | PASS |
| | | 5825 | 15.120 | 0.5 | PASS |
| 11N20SISO | Ant1 | 5745 | 15.200 | 0.5 | PASS |
| | | 5785 | 15.240 | 0.5 | PASS |
| | | 5825 | 15.240 | 0.5 | PASS |
| 11N40SISO | Ant1 | 5755 | 35.200 | 0.5 | PASS |
| | | 5795 | 35.280 | 0.5 | PASS |
| 11AC20SISO | Ant1 | 5745 | 15.240 | 0.5 | PASS |
| | | 5785 | 15.240 | 0.5 | PASS |
| | | 5825 | 15.200 | 0.5 | PASS |
| 11AC40SISO | Ant1 | 5755 | 35.200 | 0.5 | PASS |
| | | 5795 | 35.280 | 0.5 | PASS |
| 11AC80SISO | Ant1 | 5775 | 75.520 | 0.5 | PASS |

Test Graphs

