

Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

Page: 1 of 591

TEST REPORT

Application No.: FYCR2211000474AT
Applicant: Thales Avionics, Inc.
Address of Applicant: 51 Discovery, Irvine California 92618 United States
Manufacturer: Thales Avionics, Inc.
Address of Manufacturer: 51 Discovery, Irvine California 92618 United States
Factory: Wingtech Information Technology Co., LTD
Address of Factory: NO.11 South Changjiang Road, Xinwu District, WUXI, 214028 CHINA
Equipment Under Test (EUT):
EUT Name: SVDU-G6 17.3 CM OPTIQ; SVDU-G6 15.6 CM OPTIQ
Model No.: 17.3": 187387-101
 187387-102
 187387-301
 187387-302
 15.6": 187504-101
 187504-102
 187504-201
 187504-202
 187504-401
 187504-402
 187504-301
 187504-302

* Please refer to section 2 of this report which indicates which model was actually tested and which were electrically identical.

FCC ID: 2AGGY18751517
Standard(s) : 47 CFR Part 15, Subpart E 15.407
Date of Receipt: 2022-11-21
Date of Test: 2022-12-07 to 2023-04-12
Date of Issue: 2023-04-12

| | |
|---------------------|--------------|
| Test Result: | Pass* |
|---------------------|--------------|

* In the configuration tested, the EUT complied with the standards specified above.

Winkey Wang

Winkey Wang
EMC Technical Manager



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Shenzhen Branch

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| Revision Record | | | | |
|-----------------|---------|------------|----------|----------|
| Version | Chapter | Date | Modifier | Remark |
| 01 | | 2023-04-12 | | Original |
| | | | | |
| | | | | |

| | | | |
|--------------------------|--|---|--|
| Authorized for issue by: | | | |
| | |  | |
| | | <hr/> Tree Zhan/Project Engineer | |
| | |  | |
| | | <hr/> Winkey Wang/Reviewer | |



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2 Test Summary

| Radio Spectrum Technical Requirement | | | | |
|--------------------------------------|----------------------------------|--------|--------------------------------------|--------|
| Item | Standard | Method | Requirement | Result |
| Antenna Requirement | 47 CFR Part 15, Subpart E 15.407 | N/A | 47 CFR Part 15, Subpart C 15.203 | Pass |
| Transmission in the Absence of Data | | N/A | 47 CFR Part 15, Subpart E 15.407 (c) | Pass |

| Radio Spectrum Matter Part | | | | |
|---|----------------------------------|--------------------------------|--|--------|
| Item | Standard | Method | Requirement | Result |
| Duty Cycle | 47 CFR Part 15, Subpart E 15.407 | KDB 789033 II B 1 | KDB 789033 D02 II B 1 | Pass |
| 99% Bandwidth | | KDB 789033 II D | N/A | Pass |
| 26dB Emission bandwidth | | KDB 789033 D02 II C 1 | 47 CFR Part 15, Subpart E 15.407 (a) | Pass |
| Minimum 6 dB bandwidth (5.725-5.85 GHz band) | | KDB 789033 D02 II C 2 | 47 CFR Part 15, Subpart E 15.407 (e) | Pass |
| Maximum Conducted output power | | KDB 789033 D02 II E | 47 CFR Part 15, Subpart E 15.407 (a) | Pass |
| Peak Power spectrum density | | KDB 789033 D02 II F | 47 CFR Part 15, Subpart E 15.407 (a) | Pass |
| Radiated Emissions (Above 1GHz) | | KDB 789033 D02 II G | 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b) | Pass |
| Radiated Emissions which fall in the restricted bands | | KDB 789033 D02 II G | 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b) | Pass |
| Frequency Stability | | ANSI C63.10 (2013) Section 6.8 | 47 CFR Part 15, Subpart E 15.407 (g) | Pass |
| Channel Move Time | | KDB 905462 D02 Section 7.8.3 | KDB 905462 D02 Section 5.1 | Pass |
| Channel Closing Transmission Time | | KDB 905462 D02 Section 7.8.3 | KDB 905462 D02 Section 5.1 | Pass |
| Radiated Emissions (Below 1GHz) | | KDB 789033 D02 II G | 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b) | Pass |



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Remark:

Model No.:

17.3": 187387-101

187387-102

187387-301

187387-302

15.6": 187504-101

187504-102

187504-201

187504-202

187504-401

187504-402

187504-301

187504-302

Model Differences-Both models are identical except for model No. and below details

| Model No. | Storage Size | Camera |
|------------|--------------|---------|
| 187387-101 | 128GB | Without |
| 187387-102 | 512GB | Without |
| 187387-301 | 128GB | Support |
| 187387-302 | 512GB | Support |

| Model No. | Storage Size | Camera |
|------------|--------------|---------|
| 187504-101 | 128GB | Without |
| 187504-102 | 512GB | Without |
| 187504-201 | 128GB | Without |
| 187504-202 | 512GB | Without |
| 187504-401 | 128GB | Support |
| 187504-402 | 512GB | Support |
| 187504-301 | 128GB | Support |
| 187504-302 | 512GB | Support |

Only the model 187387-302 was tested fully, and the models 187504-402 were performed the Radiated Spurious Emissions Below 1GHz for discrepancy.



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4 General Information

4.1 Details of E.U.T.

| | |
|------------------------------|---|
| Power supply: | Powered by DC 28V |
| Operation Frequency (20MHz): | U-NII-1: 5180-5240MHz; U-NII-2A: 5260-5320MHz; U-NII-2C: 5500-5700MHz; U-NII-3: 5745-5825MHz |
| Operation Frequency (40MHz): | U-NII-1: 5190-5230MHz; U-NII-2A: 5270-5310MHz; U-NII-2C: 5510-5670MHz; U-NII-3: 5755-5795MHz |
| Operation Frequency (80MHz): | U-NII-1: 5210MHz; U-NII-2A: 5290MHz; U-NII-2C: 5530-5610MHz; U-NII-3: 5775MHz |
| Modulation Type: | 802.11a: OFDM (64QAM, 16QAM, QPSK, BPSK); 802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM); 802.11ac: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM) |
| Channel Spacing: | 802.11a/n(HT20)/ac(HT20): 20MHz; 802.11n(HT40)/ac(HT40): 40MHz; 802.11ac(HT80): 80MHz |
| DFS Function: | Slave without Radar detection |
| TPC Function: | Without TPC function |
| Antenna Type: | Integral Antenna |
| Antenna Gain: | Antenna 1: -4.1dBi, Antenna 2: -0.74dBi |

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4.2 Description of Support Units

| Description | Manufacturer | Model No. | Serial No. |
|-----------------|--------------|-----------|-----------------|
| DC power supply | ZHAOXIN | PS-3005D | REF.No.SEA27B01 |



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4.3 Measurement Uncertainty

| Test Item | Measurement Uncertainty |
|---|-------------------------|
| Duty Cycle | ± 0.3% |
| 99% Bandwidth | ± 0.3% |
| 26dB Emission bandwidth | ± 0.3% |
| Minimum 6 dB bandwidth (5.725-5.85 GHz band) | ± 0.3% |
| Maximum Conducted output power | ± 0.8dB |
| Peak Power spectrum density | ± 0.4dB |
| Radiated Emissions (Above 1GHz) | ± 4.4dB (Above 1GHz) |
| Radiated Emissions which fall in the restricted bands | ± 4.4dB (Above 1GHz) |
| Frequency Stability | ± 5.4 x 10-8 |
| Channel Move Time | ± 0.8dB |
| Channel Closing Transmission Time | ± 0.8dB |
| Radiated Emissions (Below 1GHz) | ± 3.1dB (Below 1GHz) |

Remark:

The U_{lab} (lab Uncertainty) is less than U_{CISPR/ETSI} (CISPR/ETSI Uncertainty), so the test results
 – compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit;
 – non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.



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4.4 Test Location

All tests were performed at:

Compliance Certification Services (Kunshan) Inc. Shenzhen branch.

Fuyong lab. Xinlong TechnoPark, Fengtang Road, Fuyong Subdistrict, Bao'an, Shenzhen, China

Tel: +86 755 8866 3988 Fax: +86 755 2671 0594

No tests were sub-contracted.

4.5 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

• **A2LA (Certificate No. 6606.01)**

Compliance Certification Services (Kunshan) Inc. Shenzhen branch is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 6606.01.

• **FCC –Designation Number: CN1322**

Compliance Certification Services (Kunshan) Inc. Shenzhen branch has been recognized as an accredited testing laboratory.

Designation Number: CN1322. Test Firm Registration Number: 718073

• **Innovation, Science and Economic Development Canada**

Compliance Certification Services (Kunshan) Inc. Shenzhen branch has been recognized by ISED as an accredited testing laboratory.

CAB identifier: CN0129.

IC#: 28189.

4.6 Deviation from Standards

None

4.7 Abnormalities from Standard Conditions

None



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5 Equipment List

| RF conducted | | | | | |
|----------------------|--------------|---------------|---------------|-----------|--------------|
| Equipment | Manufacturer | Model No. | Inventory No. | Cal Date | Cal Due Date |
| MXA Signal Analyzer | KEYSIGHT | N9020A | SEM004-25 | 2022/5/30 | 2023/5/29 |
| Attenuator | Huber+Suhner | 6620_SMA-50-1 | SEM021-09 | 2022/7/12 | 2023/7/11 |
| Coaxial Cable | CCS | N/A | SEM037-01 | 2022/5/16 | 2023/5/15 |
| Measurement Software | TST PASS | TST PASS V2.0 | N/A | N/A | N/A |

| Radiated Emissions (Below 1GHz) | | | | | |
|---------------------------------|--------------|-----------------|---------------|-----------|--------------|
| Equipment | Manufacturer | Model No. | Inventory No. | Cal Date | Cal Due Date |
| 3m Anechoic Chamber | CRT | N/A | SEM001-13 | 2021/7/13 | 2024/7/12 |
| Trilog-Broadband Antenna | Schwarzbeck | VULB9168 | SEM003-33 | 2021/9/25 | 2024/9/24 |
| Loop Antenna | ETS-LINDGREN | 6502 | SEM003-36 | 2021/9/26 | 2024/9/25 |
| MXE EMI receiver | Agilent | N9038A | SEM004-05 | 2022/7/12 | 2023/7/11 |
| Pre-amplifier | HP | 8447D | SEM005-02 | 2022/7/12 | 2023/7/11 |
| Coaxial Cable | CCS | N/A | SEM035-01 | 2022/5/16 | 2023/5/15 |
| Measurement Software | AUDIX | e3 V8.2014-6-27 | N/A | N/A | N/A |

| Radiated Emissions (Above 1GHz) | | | | | |
|---------------------------------|--------------|-----------------|---------------|-----------|--------------|
| Equipment | Manufacturer | Model No. | Inventory No. | Cal Date | Cal Due Date |
| 3m Anechoic Chamber | CRT | N/A | SEM001-13 | 2021/7/13 | 2024/7/12 |
| MXE EMI receiver | Agilent | N9038A | SEM004-05 | 2022/7/12 | 2023/7/11 |
| Broad-Band Horn Antenna | Schwarzbeck | BBHA 9120D | SEM003-32 | 2021/9/26 | 2024/9/25 |
| Coaxial Cable | CCS | N/A | SEM035-02 | 2022/5/16 | 2023/5/15 |
| Pre-amplifier | TST PASS | LNA04080G30 | SEM005-27 | 2022/4/15 | 2023/4/14 |
| Pre-amplifier | TST PASS | LNA10180G45 | SEM005-28 | 2022/4/15 | 2023/4/14 |
| Measurement Software | AUDIX | e3 V8.2014-6-27 | N/A | N/A | N/A |

| Frequency Stability | | | | | |
|---|------------------------------|-----------|---------------|-----------|--------------|
| Equipment | Manufacturer | Model No. | Inventory No. | Cal Date | Cal Due Date |
| Programmable Temperature & Humidity Chamber | Votsch Industrietechnik GmbH | VT 4002 | SEM002-15 | 2022/7/12 | 2023/7/11 |
| MXA Signal Analyzer | KEYSIGHT | N9020A | SEM004-25 | 2022/5/30 | 2023/5/29 |



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| | | | | | |
|----------------------|--------------|---------------|-----------|-----------|-----------|
| Attenuator | Huber+Suhner | 6620_SMA-50-1 | SEM021-09 | 2022/7/12 | 2023/7/11 |
| Coaxial Cable | CCS | N/A | SEM037-01 | 2022/5/16 | 2023/5/15 |
| Measurement Software | TST PASS | TST PASS V2.0 | N/A | N/A | N/A |

| DFS | | | | | |
|-----------------------------|--------------|---------------|---------------|-----------|--------------|
| Equipment | Manufacturer | Model No. | Inventory No. | Cal Date | Cal Due Date |
| MXA Signal Analyzer | KEYSIGHT | N9020A | SEM004-25 | 2022/5/30 | 2023/5/29 |
| Signal Generator | Agilent | N5173B | SEM006-05 | 2022/7/12 | 2023/7/11 |
| ESG Vector Signal Generator | Agilent | E4438C | SEM006-15 | 2022/7/12 | 2023/7/11 |
| Attenuator | Huber+Suhner | 6620_SMA-50-1 | SEM021-09 | 2022/7/12 | 2023/7/11 |
| Coaxial Cable | CCS | N/A | SEM037-01 | 2022/5/16 | 2023/5/15 |
| Measurement Software | TST PASS | TST PASS V2.0 | N/A | N/A | N/A |
| MXA Signal Analyzer | KEYSIGHT | N9020B | SEM004-24 | 2022/4/24 | 2023/4/23 |

| General used equipment | | | | | |
|---------------------------------|--------------|-----------|---------------|-----------|--------------|
| Equipment | Manufacturer | Model No. | Inventory No. | Cal Date | Cal Due Date |
| Humidity/ Temperature Indicator | Mingle | TH607 | SEM002-22 | 2022/7/12 | 2023/7/11 |
| Humidity/ Temperature Indicator | Mingle | TH607 | SEM002-23 | 2022/7/12 | 2023/7/11 |
| Barometer | DUMAI | DYM3 | SEM002-24 | 2022/7/12 | 2023/7/11 |



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6 Radio Spectrum Technical Requirement

6.1 Antenna Requirement

6.1.1 Test Requirement:

47 CFR Part 15, Subpart C 15.203

6.1.2 Conclusion

Standard Requirement:

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, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

15.247(b) (4) requirement:

The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

EUT Antenna:

The antenna is integrated on the main PCB and no consideration of replacement. The best case gain of the antenna is Antenna 0: -4.1dBi, Antenna 1: -0.74dBi.

Antenna location: Refer to internal photo.



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6.2 Transmission in the Absence of Data

6.2.1 Test Requirement:

47 CFR Part 15, Subpart E 15.407 (c)

6.2.2 Conclusion

Standard Requirement:

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signalling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals.

Applicants shall include in their application for equipment authorization a description of how this requirement is met.

EUT Details:

WIFI chip support automatically discontinue transmission in case of either absence of information to transmit or operational failure, if the chip detect absence of information to transmit or operational failure, it will be automatically shut off.



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7 Radio Spectrum Matter Test Results

7.1 Duty Cycle

Test Requirement KDB 789033 D02 II B 1
 Test Method: KDB 789033 II B 1

7.1.1 E.U.T. Operation

Operating Environment:
 Temperature: 23.7 °C Humidity: 45.5 % RH Atmospheric Pressure: 1020 mbar

7.1.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|-----------------------|-----------|---|
| Final test | 04 | TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report. |
| Final test | 05 | TX mode (U-NII-2A)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report. |
| Final test | 06 | TX mode (U-NII-2C)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80); final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report. |
| Final test | 07 | TX mode (U-NII-3)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80); final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report. |

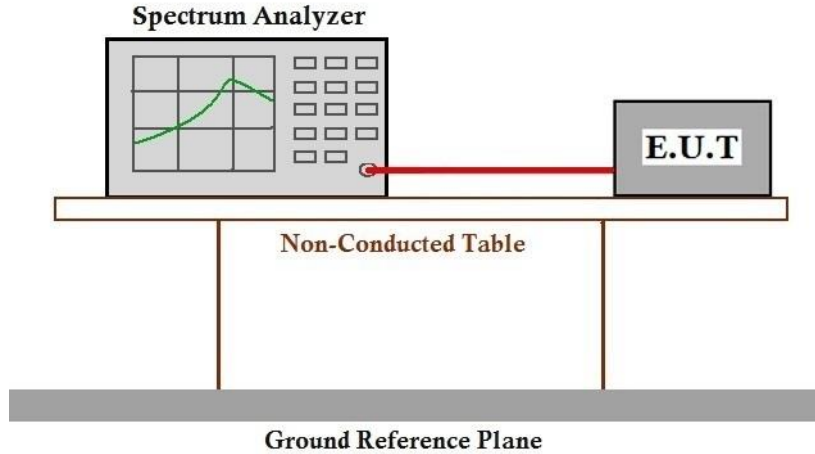


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|--|--|
| | <p>802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80); final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report.</p> |
|--|--|

7.1.3 Test Setup Diagram



7.1.4 Measurement Procedure and Data

Please Refer to Appendix for Details



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7.2 99% Bandwidth

Test Requirement N/A
 Test Method: KDB 789033 II D

7.2.1 E.U.T. Operation

Operating Environment:
 Temperature: 23.7 °C Humidity: 45.5 % RH Atmospheric Pressure: 1020 mbar

7.2.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|-----------------------|-----------|---|
| Final test | 04 | TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report. |
| Final test | 05 | TX mode (U-NII-2A)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report. |
| Final test | 06 | TX mode (U-NII-2C)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80); final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report. |
| Final test | 07 | TX mode (U-NII-3)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80); final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report. |

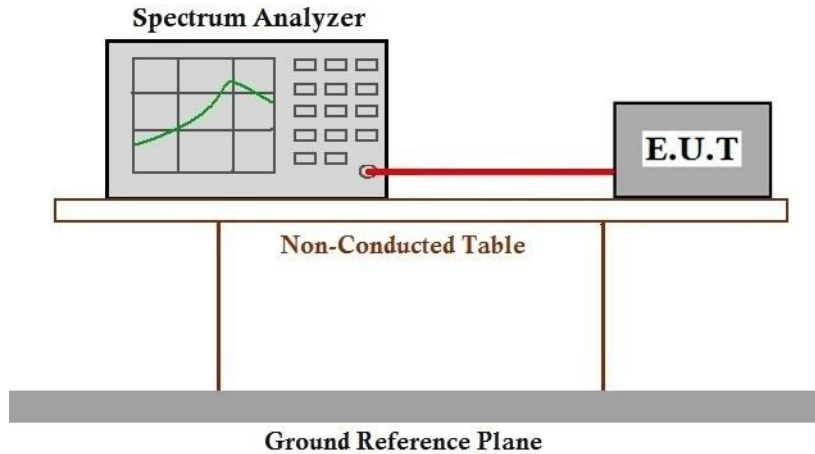


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7.2.3 Test Setup Diagram



7.2.4 Measurement Procedure and Data

Please Refer to Appendix for Details



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7.3 26dB Emission bandwidth

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)

Test Method: KDB 789033 D02 II C 1

7.3.1 E.U.T. Operation

Operating Environment:

Temperature: 23.7 °C Humidity: 45.5 % RH Atmospheric Pressure: 1020 mbar

7.3.2 Test Mode Description

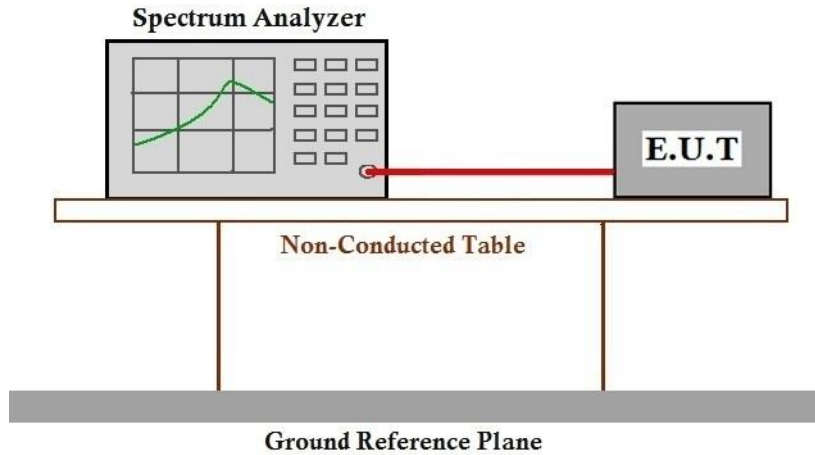
| Pre-scan / Final test | Mode Code | Description |
|-----------------------|-----------|---|
| Final test | 04 | TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80), Only the data of worst case is recorded in the report. |
| Final test | 05 | TX mode (U-NII-2A)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report. |
| Final test | 06 | TX mode (U-NII-2C)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80); final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report. |
| Final test | 07 | TX mode (U-NII-3)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80); final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report. |



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7.3.3 Test Setup Diagram



7.3.4 Measurement Procedure and Data

Please Refer to Appendix for Details



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7.4 Minimum 6 dB bandwidth (5.725-5.85 GHz band)

Test Requirement 47 CFR Part 15, Subpart E 15.407 (e)

Test Method: KDB 789033 D02 II C 2

Limit:

| Frequency band(MHz) | Limit |
|---------------------|----------|
| 5725-5850 | ≥500 kHz |

7.4.1 E.U.T. Operation

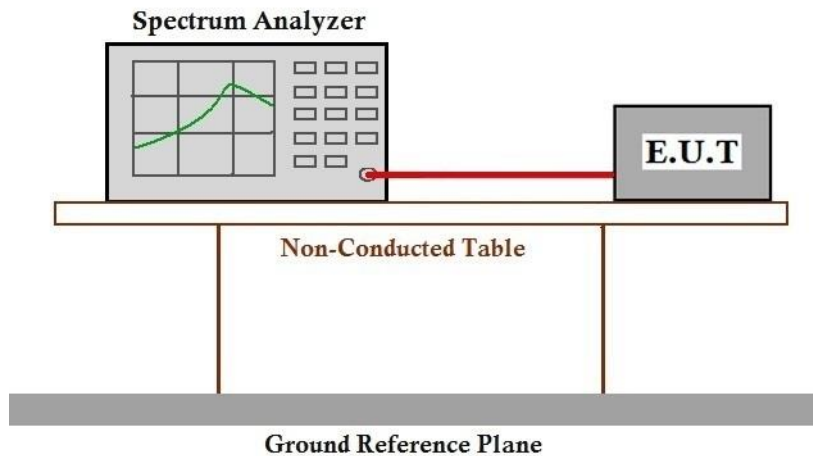
Operating Environment:

Temperature: 23.7 °C Humidity: 45.5 % RH Atmospheric Pressure: 1020 mbar

7.4.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|-----------------------|-----------|--|
| Final test | 07 | TX mode (U-NII-3)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80); final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report. |

7.4.3 Test Setup Diagram



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7.4.4 Measurement Procedure and Data

Please Refer to Appendix for Details



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7.5 Maximum Conducted output power

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)

Test Method: KDB 789033 D02 II E

Limit:

| Frequency band(MHz) | Limit |
|---------------------|--|
| 5150-5250 | ≤1W(30dBm) for master device |
| | ≤250mW(24dBm) for client device |
| 5250-5350 | ≤250mW(24dBm) for client device or 11dBm+10logB* |
| 5470-5725 | ≤250mW(24dBm) for client device or 11dBm+10logB* |
| 5725-5850 | ≤1W(30dBm) |
| Remark: | * Where B is the 26dB emission bandwidth in MHz. The maximum conducted output power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage. |

7.5.1 E.U.T. Operation

Operating Environment:

Temperature: 23.7 °C Humidity: 45.5 % RH Atmospheric Pressure: 1020 mbar

7.5.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|-----------------------|-----------|--|
| Final test | 04 | TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report. |
| Final test | 05 | TX mode (U-NII-2A)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80), final test modes are |



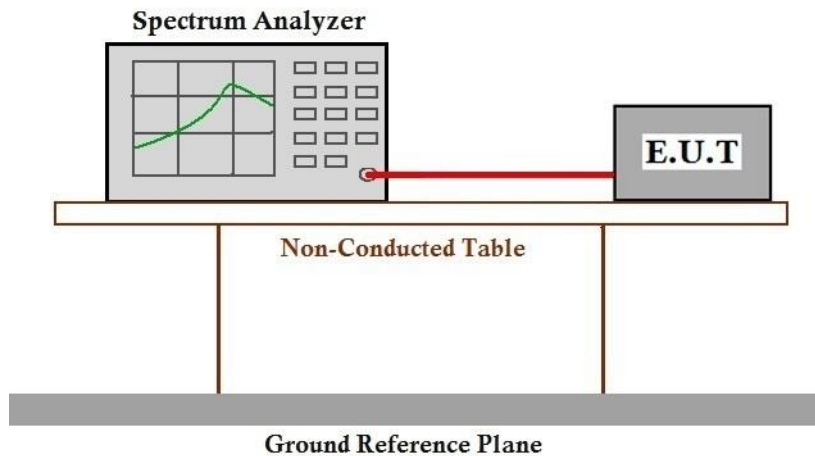
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| | | |
|------------|----|---|
| | | considering the modulation and worse data rates. Only the data of worst case is recorded in the report. |
| Final test | 06 | TX mode (U-NII-2C)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80); final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report. |
| Final test | 07 | TX mode (U-NII-3)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80); final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report. |

7.5.3 Test Setup Diagram



7.5.4 Measurement Procedure and Data

Note: Since the verify power the same operating range bandwidth and smaller power can be covered by the higher power.

Please Refer to Appendix for Details



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7.6 Peak Power spectrum density

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)

Test Method: KDB 789033 D02 II F

Limit:

| Frequency band(MHz) | Limit |
|---------------------|--|
| 5150-5250 | ≤17dBm in 1MHz for master device |
| | ≤11dBm in 1MHz for client device |
| 5250-5350 | ≤11dBm in 1MHz for client device |
| 5470-5725 | ≤11dBm in 1MHz for client device |
| 5725-5850 | ≤30dBm in 500 kHz |
| Remark: | The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test. |

7.6.1 E.U.T. Operation

Operating Environment:

Temperature: 23.7 °C Humidity: 45.5 % RH Atmospheric Pressure: 1020 mbar

7.6.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|-----------------------|-----------|---|
| Final test | 04 | TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report. |
| Final test | 05 | TX mode (U-NII-2A)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report. |
| Final test | 06 | TX mode (U-NII-2C)_Keep the EUT in continuously transmitting mode with all |

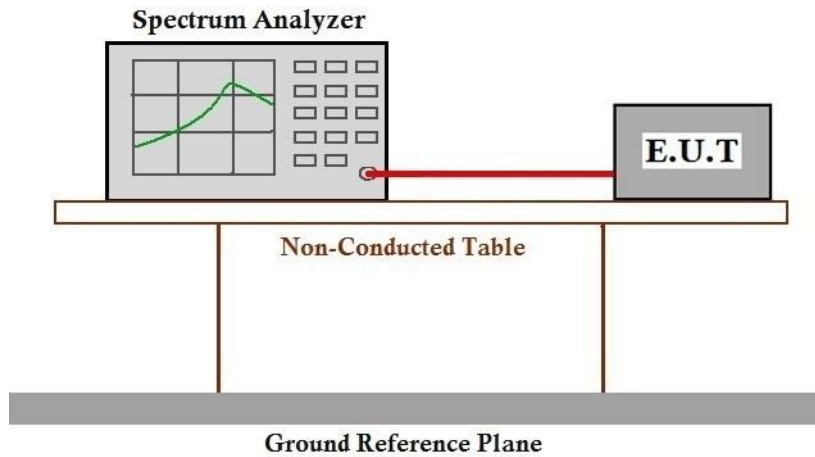


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| | | |
|------------|----|--|
| | | modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80); final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report. |
| Final test | 07 | TX mode (U-NII-3)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80); final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report. |

7.6.3 Test Setup Diagram



7.6.4 Measurement Procedure and Data

Please Refer to Appendix for Details



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7.7 Radiated Emissions (Above 1GHz)

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)
 Test Method: KDB 789033 D02 II G
 Measurement Distance: 3m

Limit:

| Frequency(MHz) | Field strength(microvolts/meter) | Measurement distance(meters) |
|----------------|----------------------------------|------------------------------|
| Above 1GHz | 500 | 3 |

*(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 5.25-5.35 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.

(3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 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.

Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

7.7.1 E.U.T. Operation

Operating Environment:

Temperature: 23.0 °C Humidity: 55.1 % RH Atmospheric Pressure: 1020 mbar



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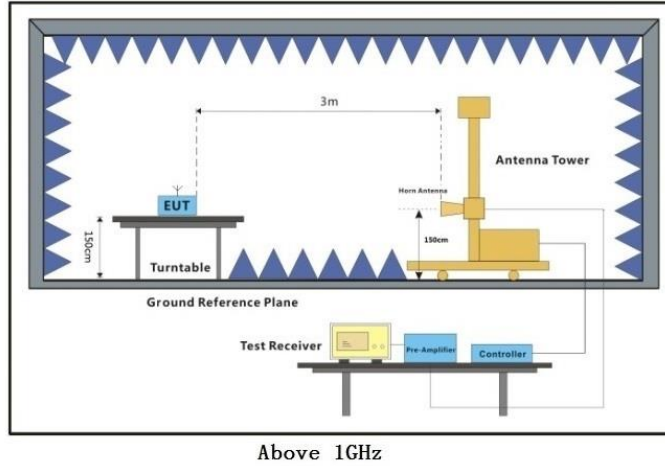
7.7.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|-----------------------|-----------|---|
| Final test | 04 | TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report. |
| Final test | 05 | TX mode (U-NII-2A)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report. |
| Final test | 06 | TX mode (U-NII-2C)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80); final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report. |
| Final test | 07 | TX mode (U-NII-3)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80); final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report. |



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7.7.3 Test Setup Diagram



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7.7.4 Measurement Procedure and Data

- a. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak or average method as specified and then reported in a data sheet.
- g. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- i. Repeat above procedures until all frequencies measured was complete.

Remark:

1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
2. Test frequency of standard requirement and additional frequency were tested and only the test frequency of standard requirement was recorded in the report.
3. Scan from 18GHz to 40GHz, the disturbance above 18GHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.
4. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.
5. The disturbance above 18GHz were very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.
6. For devices with multiple operating modes, measurements on the middle channel is used to determine the worst-case mode(s). Only the worst case mode with the highest output power and the mode with the highest output power spectral density for each modulation family (e.g., OFDM and direct sequence spread spectrum) is recorded in the test report.



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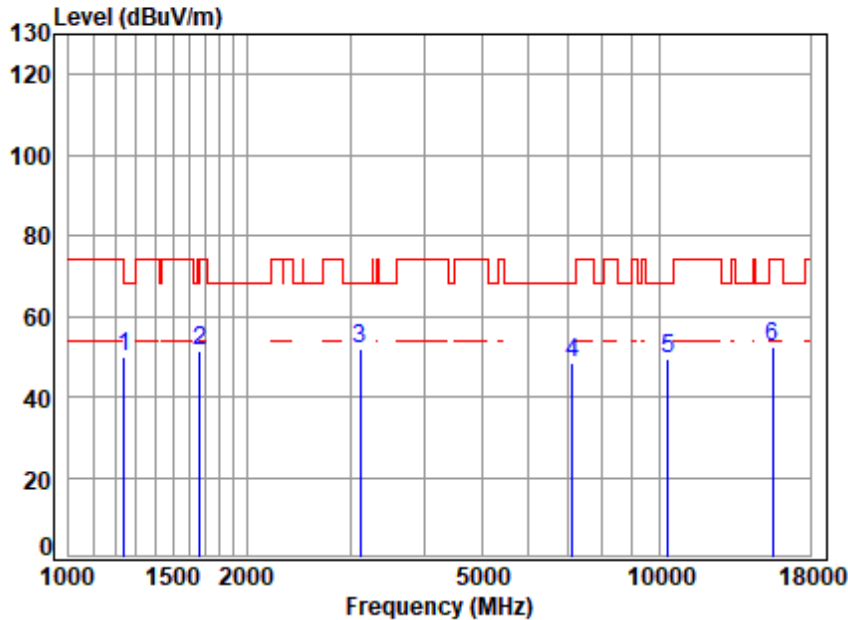
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SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5180 TX RSE
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1242.068 | 3.24 | 24.28 | 52.69 | 75.00 | 49.83 | 68.20 | -18.37 | peak |
| 2 | 1667.951 | 4.13 | 24.94 | 52.94 | 75.20 | 51.33 | 74.00 | -22.67 | peak |
| 3 | 3114.025 | 6.03 | 28.62 | 53.06 | 70.14 | 51.73 | 68.20 | -16.47 | peak |
| 4 | 7138.144 | 8.26 | 35.97 | 53.51 | 57.83 | 48.55 | 68.20 | -19.65 | peak |
| 5 | 10360.000 | 11.08 | 38.85 | 53.35 | 52.66 | 49.24 | 68.20 | -18.96 | peak |
| 6 | 15540.000 | 13.49 | 39.74 | 53.43 | 52.62 | 52.42 | 74.00 | -21.58 | peak |



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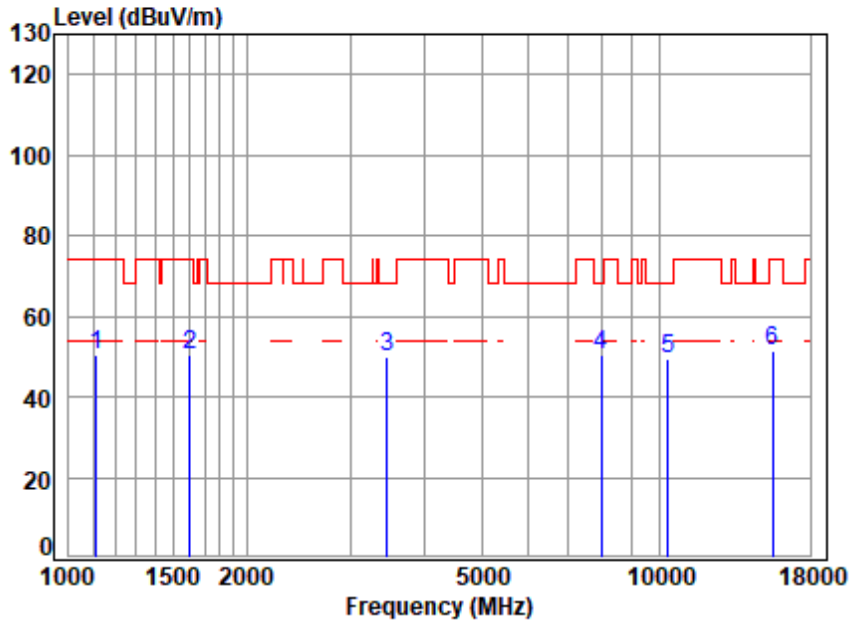
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SZCCS-TRF-01 Rev. A/0 Aug01,2022

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Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5180 TX RSE
 Note : 5G WIFI 11A

| | Cable | Ant | Preamp | Read | Limit | Over | | |
|------|-------|--------|--------|-------|--------|--------|--------|--------|
| Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 2.94 | 24.22 | 52.59 | 75.77 | 50.34 | 74.00 | -23.66 | peak |
| 2 | 4.00 | 24.81 | 52.91 | 74.50 | 50.40 | 74.00 | -23.60 | peak |
| 3 | 6.88 | 28.69 | 52.95 | 67.22 | 49.84 | 68.20 | -18.36 | peak |
| 4 | 9.41 | 36.20 | 53.60 | 58.61 | 50.62 | 68.20 | -17.58 | peak |
| 5 | 11.08 | 38.85 | 53.35 | 52.66 | 49.24 | 68.20 | -18.96 | peak |
| 6 | 13.49 | 39.74 | 53.43 | 51.48 | 51.28 | 74.00 | -22.72 | peak |



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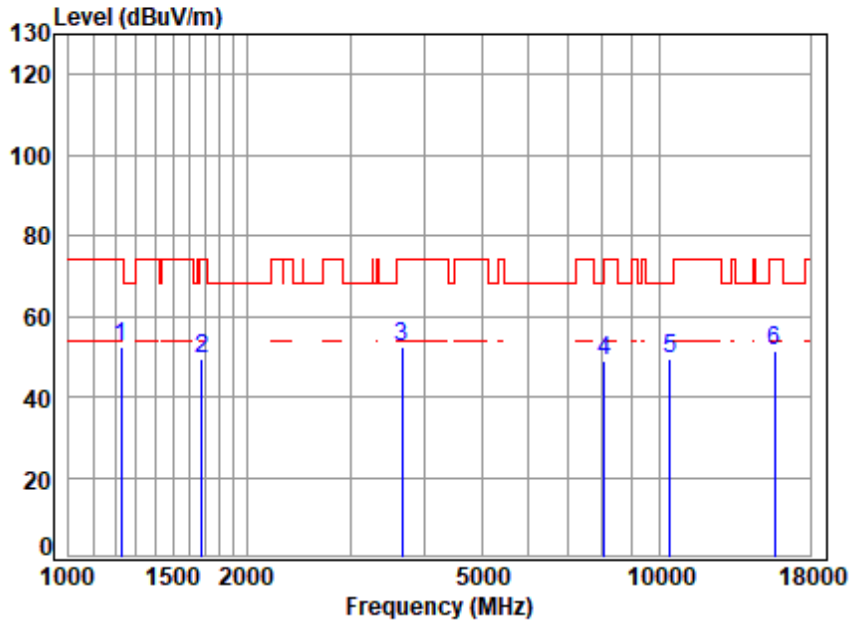
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

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Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5220 TX RSE
 Note : 5G WIFI 11A

| | Cable | Ant | Preamp | Read | Limit | Over | | |
|------|-------|--------|--------|-------|--------|--------|--------|--------|
| Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 3.21 | 24.29 | 52.68 | 77.68 | 52.50 | 74.00 | -21.50 | peak |
| 2 | 4.16 | 24.97 | 52.95 | 73.34 | 49.52 | 74.00 | -24.48 | peak |
| 3 | 7.16 | 28.97 | 52.89 | 68.96 | 52.20 | 74.00 | -21.80 | peak |
| 4 | 9.46 | 36.19 | 53.64 | 56.73 | 48.74 | 74.00 | -25.26 | peak |
| 5 | 11.07 | 38.94 | 53.38 | 52.82 | 49.45 | 68.20 | -18.75 | peak |
| 6 | 13.50 | 39.33 | 53.37 | 52.19 | 51.65 | 74.00 | -22.35 | peak |



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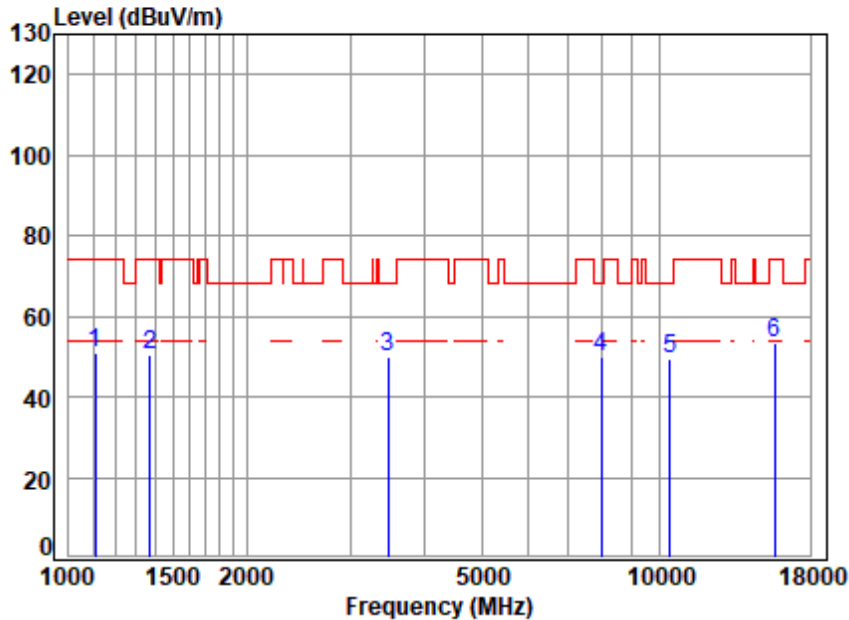
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SZCCS-TRF-01 Rev. A/0 Aug01,2022

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Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5220 TX RSE
 Note : 5G WIFI 11A

| | Cable | Ant | Preamp | Read | Limit | Over | | |
|------|-------|--------|--------|-------|--------|--------|--------|--------|
| Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 2.93 | 24.21 | 52.59 | 76.44 | 50.99 | 74.00 | -23.01 | peak |
| 2 | 3.52 | 24.21 | 52.77 | 75.60 | 50.56 | 74.00 | -23.44 | peak |
| 3 | 6.93 | 28.70 | 52.95 | 67.30 | 49.98 | 68.20 | -18.22 | peak |
| 4 | 9.41 | 36.20 | 53.60 | 58.16 | 50.17 | 68.20 | -18.03 | peak |
| 5 | 11.07 | 38.94 | 53.38 | 52.96 | 49.59 | 68.20 | -18.61 | peak |
| 6 | 13.50 | 39.33 | 53.37 | 53.82 | 53.28 | 74.00 | -20.72 | peak |



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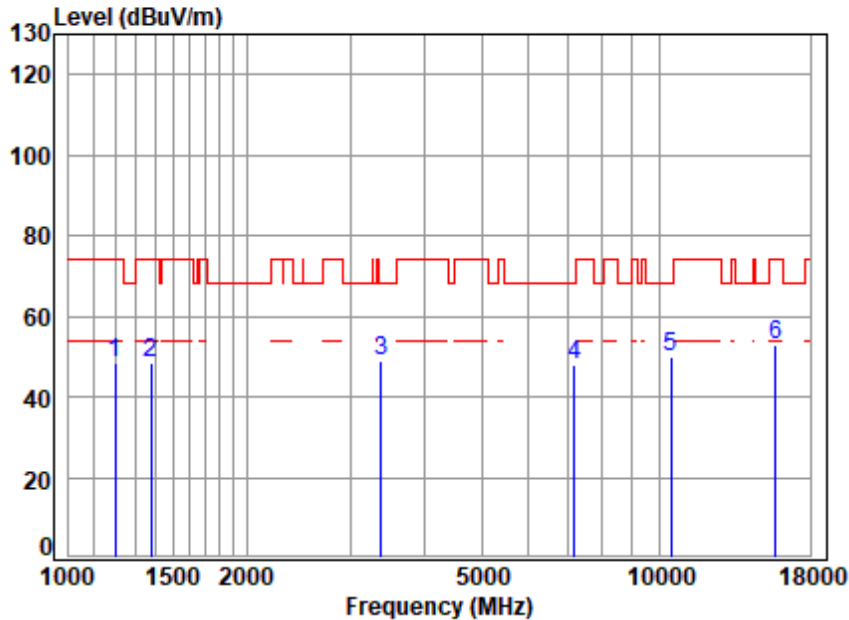
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5240 TX RSE
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1196.264 | 3.14 | 24.30 | 52.66 | 73.75 | 48.53 | 74.00 | -25.47 | peak |
| 2 | 1378.273 | 3.53 | 24.21 | 52.78 | 73.57 | 48.53 | 74.00 | -25.47 | peak |
| 3 | 3386.297 | 6.72 | 28.68 | 52.97 | 66.56 | 48.99 | 68.20 | -19.21 | peak |
| 4 | 7179.527 | 8.28 | 36.02 | 53.52 | 57.32 | 48.10 | 68.20 | -20.10 | peak |
| 5 | 10480.000 | 11.06 | 38.99 | 53.40 | 53.36 | 50.01 | 68.20 | -18.19 | peak |
| 6 | 15720.000 | 13.50 | 39.13 | 53.34 | 53.45 | 52.74 | 74.00 | -21.26 | peak |



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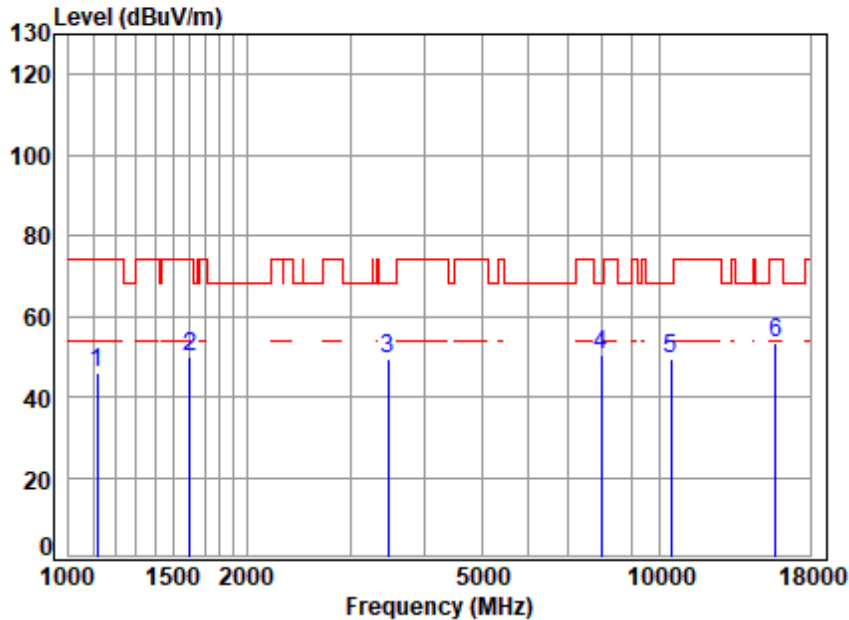
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5240 TX RSE
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1116.093 | 2.95 | 24.22 | 52.60 | 71.54 | 46.11 | 74.00 | -27.89 | peak |
| 2 | 1606.441 | 4.00 | 24.81 | 52.91 | 74.20 | 50.10 | 74.00 | -23.90 | peak |
| 3 | 3475.541 | 6.93 | 28.70 | 52.95 | 66.98 | 49.66 | 68.20 | -18.54 | peak |
| 4 | 7989.893 | 9.41 | 36.20 | 53.60 | 58.58 | 50.59 | 68.20 | -17.61 | peak |
| 5 | 10480.000 | 11.06 | 38.99 | 53.40 | 52.67 | 49.32 | 68.20 | -18.88 | peak |
| 6 | 15720.000 | 13.50 | 39.13 | 53.34 | 53.96 | 53.25 | 74.00 | -20.75 | peak |



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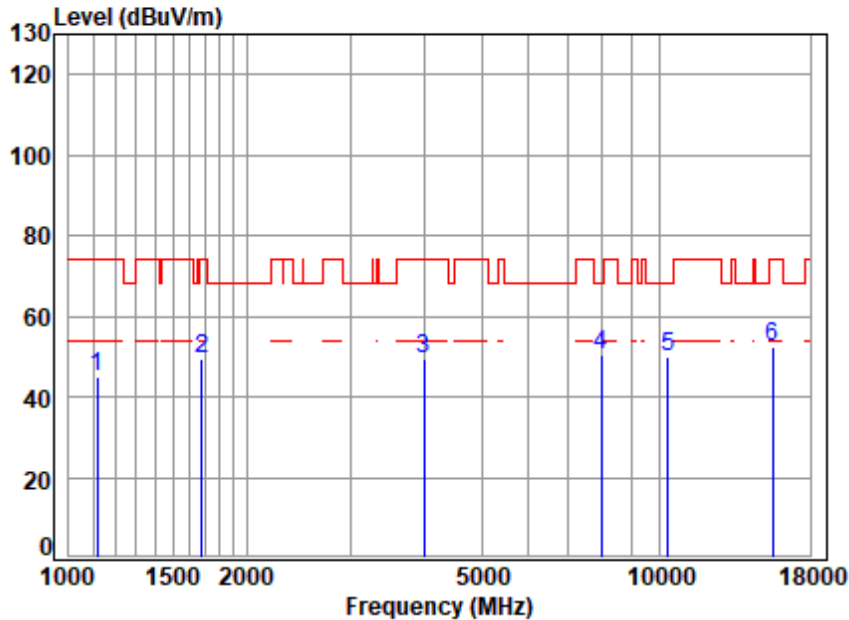
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SZCCS-TRF-01 Rev. A/0 Aug01,2022

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Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5180 TX RSE
 Note : 5G WIFI 11N20

| | Cable | Ant | Preamp | Read | Limit | Over | | |
|------|-------|--------|--------|-------|--------|--------|--------|--------|
| Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 2.95 | 24.22 | 52.60 | 70.58 | 45.15 | 74.00 | -28.85 | peak |
| 2 | 4.16 | 24.97 | 52.95 | 73.29 | 49.47 | 74.00 | -24.53 | peak |
| 3 | 7.48 | 29.49 | 52.80 | 65.32 | 49.49 | 74.00 | -24.51 | peak |
| 4 | 9.41 | 36.20 | 53.60 | 58.47 | 50.48 | 68.20 | -17.72 | peak |
| 5 | 11.08 | 38.85 | 53.35 | 53.29 | 49.87 | 68.20 | -18.33 | peak |
| 6 | 13.49 | 39.74 | 53.43 | 52.46 | 52.26 | 74.00 | -21.74 | peak |



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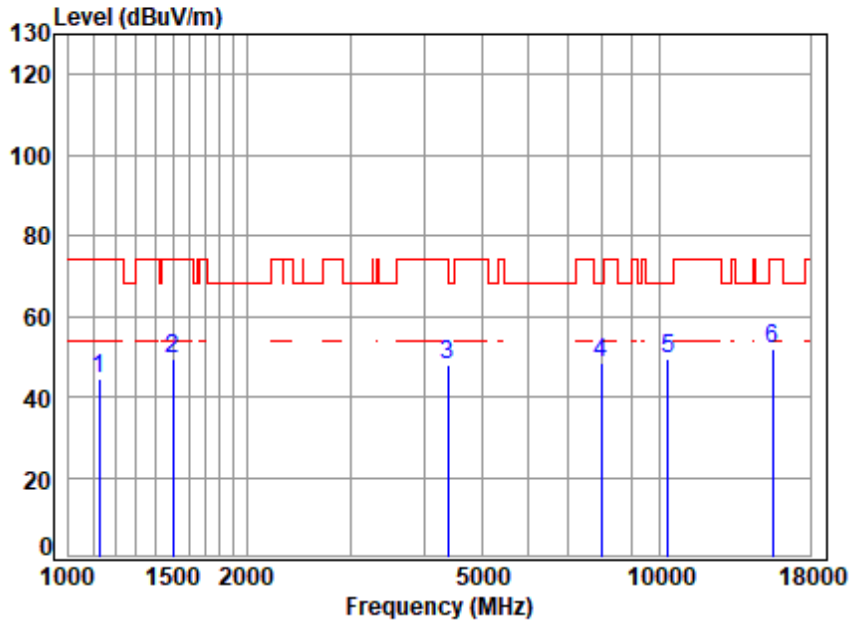
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5180 TX RSE
 Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1125.813 | 2.97 | 24.23 | 52.60 | 69.89 | 44.49 | 74.00 | -29.51 | peak |
| 2 | 1498.781 | 3.77 | 24.51 | 52.85 | 74.10 | 49.53 | 74.00 | -24.47 | peak |
| 3 | 4392.376 | 7.47 | 30.06 | 52.93 | 63.37 | 47.97 | 74.00 | -26.03 | peak |
| 4 | 7966.832 | 9.37 | 36.21 | 53.60 | 56.68 | 48.66 | 68.20 | -19.54 | peak |
| 5 | 10360.000 | 11.08 | 38.85 | 53.35 | 52.79 | 49.37 | 68.20 | -18.83 | peak |
| 6 | 15540.000 | 13.49 | 39.74 | 53.43 | 52.24 | 52.04 | 74.00 | -21.96 | peak |



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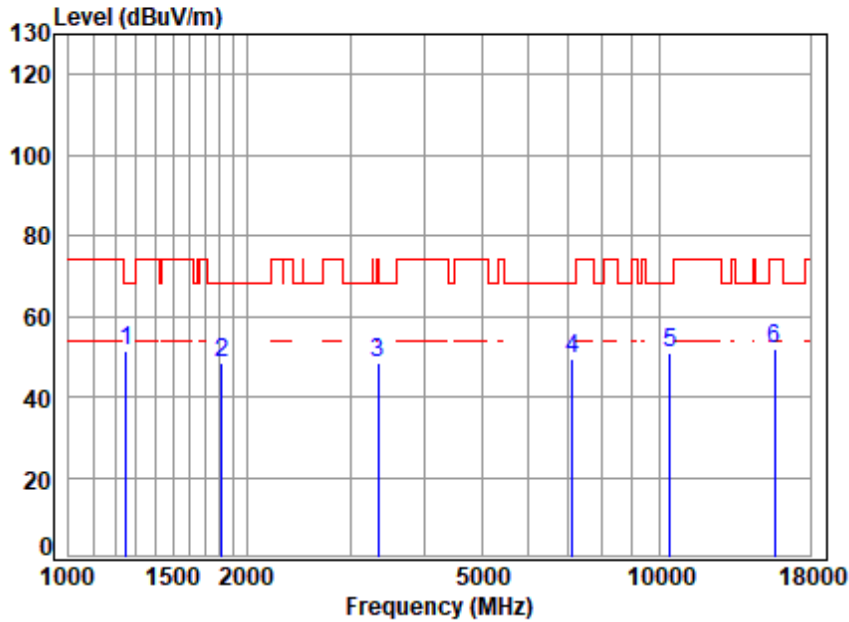
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5220 TX RSE
 Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1249.269 | 3.26 | 24.27 | 52.69 | 76.67 | 51.51 | 68.20 | -16.69 | peak |
| 2 | 1813.786 | 4.42 | 25.27 | 53.02 | 71.60 | 48.27 | 68.20 | -19.93 | Peak |
| 3 | 3337.710 | 6.60 | 28.67 | 52.99 | 66.34 | 48.62 | 74.00 | -25.38 | peak |
| 4 | 7117.542 | 8.25 | 35.94 | 53.51 | 58.69 | 49.37 | 68.20 | -18.83 | peak |
| 5 | 10440.000 | 11.07 | 38.94 | 53.38 | 54.34 | 50.97 | 68.20 | -17.23 | peak |
| 6 | 15660.000 | 13.50 | 39.33 | 53.37 | 52.27 | 51.73 | 74.00 | -22.27 | peak |



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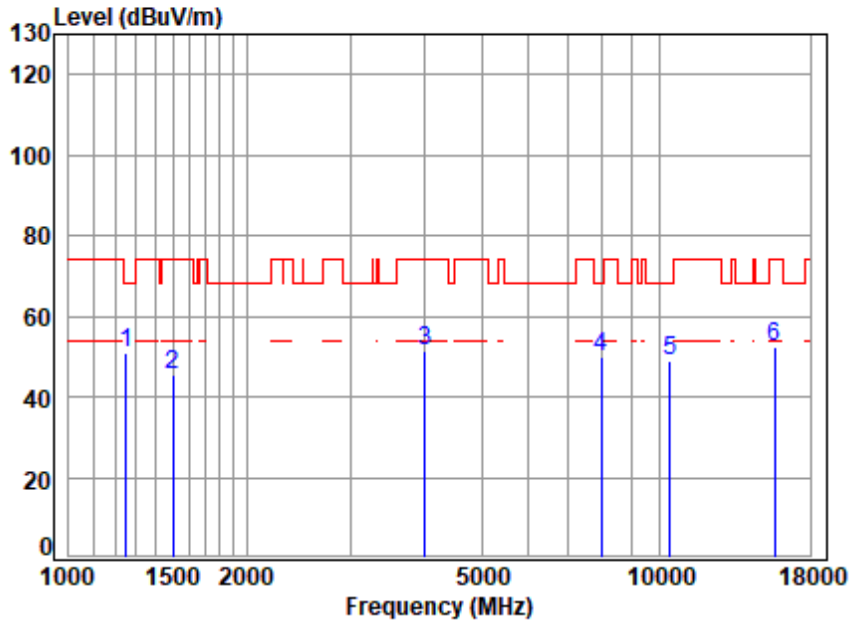
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

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Report No.: FYCR221100047404

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Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5220 TX RSE
 Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1252.885 | 3.27 | 24.27 | 52.70 | 76.01 | 50.85 | 68.20 | -17.35 | peak |
| 2 | 1498.781 | 3.77 | 24.51 | 52.85 | 70.26 | 45.69 | 74.00 | -28.31 | peak |
| 3 | 4004.339 | 7.49 | 29.51 | 52.80 | 67.13 | 51.33 | 74.00 | -22.67 | peak |
| 4 | 7989.893 | 9.41 | 36.20 | 53.60 | 57.75 | 49.76 | 68.20 | -18.44 | peak |
| 5 | 10440.000 | 11.07 | 38.94 | 53.38 | 52.45 | 49.08 | 68.20 | -19.12 | peak |
| 6 | 15660.000 | 13.50 | 39.33 | 53.37 | 52.99 | 52.45 | 74.00 | -21.55 | peak |



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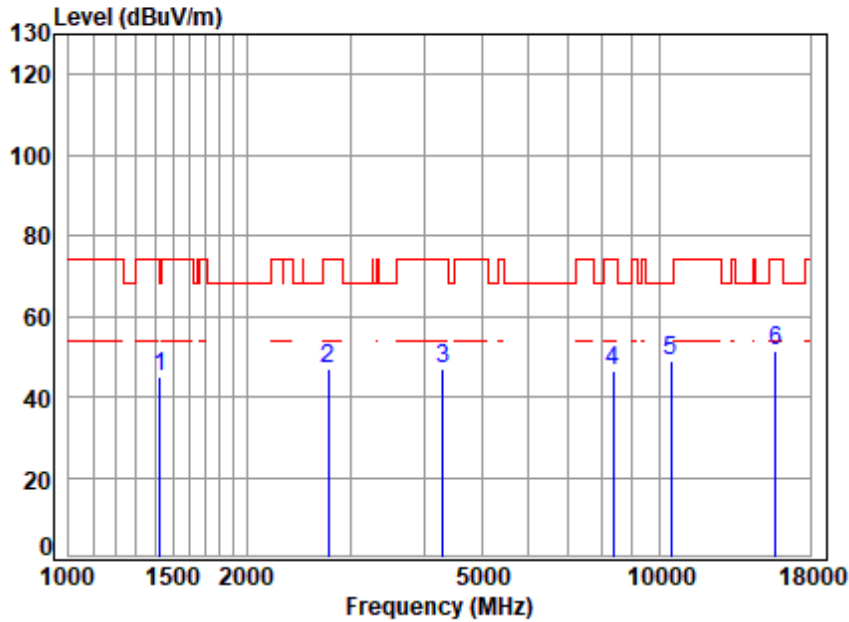
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5240 TX RSE
 Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1426.916 | 3.63 | 24.29 | 52.81 | 69.73 | 44.84 | 74.00 | -29.16 | peak |
| 2 | 2750.080 | 5.44 | 28.03 | 53.10 | 66.62 | 46.99 | 74.00 | -27.01 | Peak |
| 3 | 4304.400 | 7.48 | 29.94 | 52.90 | 62.49 | 47.01 | 74.00 | -26.99 | peak |
| 4 | 8368.069 | 9.61 | 36.16 | 53.83 | 54.57 | 46.51 | 74.00 | -27.49 | peak |
| 5 | 10480.000 | 11.06 | 38.99 | 53.40 | 52.43 | 49.08 | 68.20 | -19.12 | peak |
| 6 | 15720.000 | 13.50 | 39.13 | 53.34 | 52.23 | 51.52 | 74.00 | -22.48 | peak |



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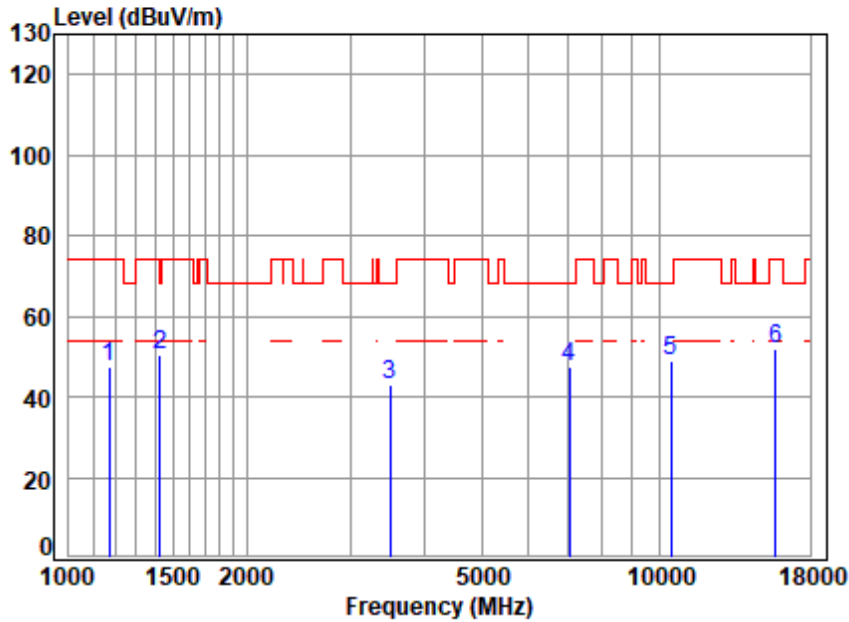
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Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5240 TX RSE
 Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 1172.303 | 3.08 | 24.27 | 52.64 | 72.75 | 47.46 | 74.00 | -26.54 peak |
| 2 | 1426.916 | 3.63 | 24.29 | 52.81 | 75.30 | 50.41 | 74.00 | -23.59 peak |
| 3 | 3495.691 | 6.98 | 28.70 | 52.94 | 60.30 | 43.04 | 68.20 | -25.16 peak |
| 4 | 7035.727 | 8.21 | 35.84 | 53.50 | 57.04 | 47.59 | 68.20 | -20.61 peak |
| 5 | 10480.000 | 11.06 | 38.99 | 53.40 | 52.11 | 48.76 | 68.20 | -19.44 peak |
| 6 | 15720.000 | 13.50 | 39.13 | 53.34 | 52.62 | 51.91 | 74.00 | -22.09 peak |



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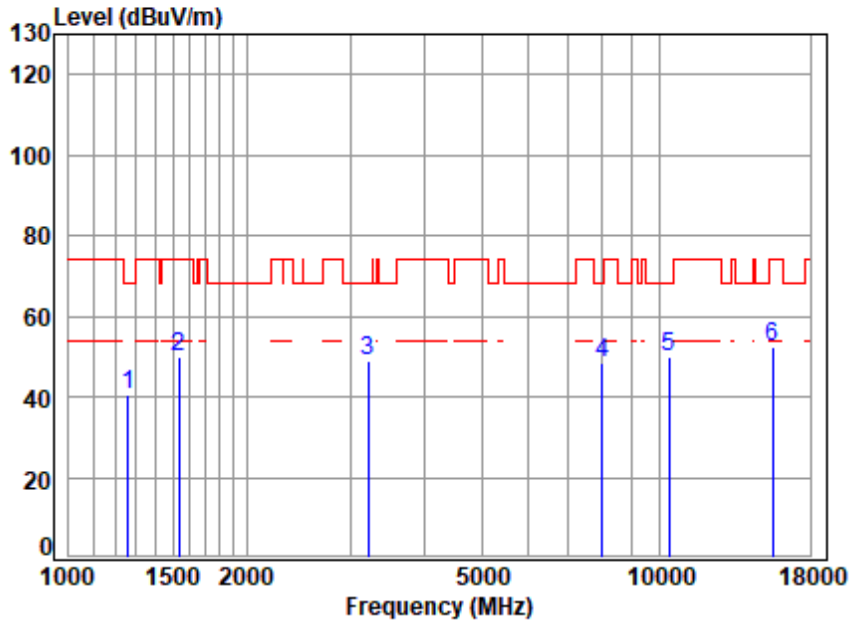
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5190 TX RSE
 Note : 5G WIFI 11N40

| | Cable | Ant | Preamp | Read | Limit | Over | | |
|------|-------|--------|--------|-------|--------|--------|--------|--------|
| Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 3.28 | 24.27 | 52.70 | 65.74 | 40.59 | 68.20 | -27.61 | peak |
| 2 | 3.85 | 24.61 | 52.87 | 74.51 | 50.10 | 74.00 | -23.90 | peak |
| 3 | 6.29 | 28.64 | 53.03 | 67.14 | 49.04 | 68.20 | -19.16 | peak |
| 4 | 9.44 | 36.20 | 53.61 | 56.32 | 48.35 | 68.20 | -19.85 | peak |
| 5 | 11.07 | 38.87 | 53.36 | 53.49 | 50.07 | 68.20 | -18.13 | peak |
| 6 | 13.49 | 39.64 | 53.41 | 52.51 | 52.23 | 74.00 | -21.77 | peak |



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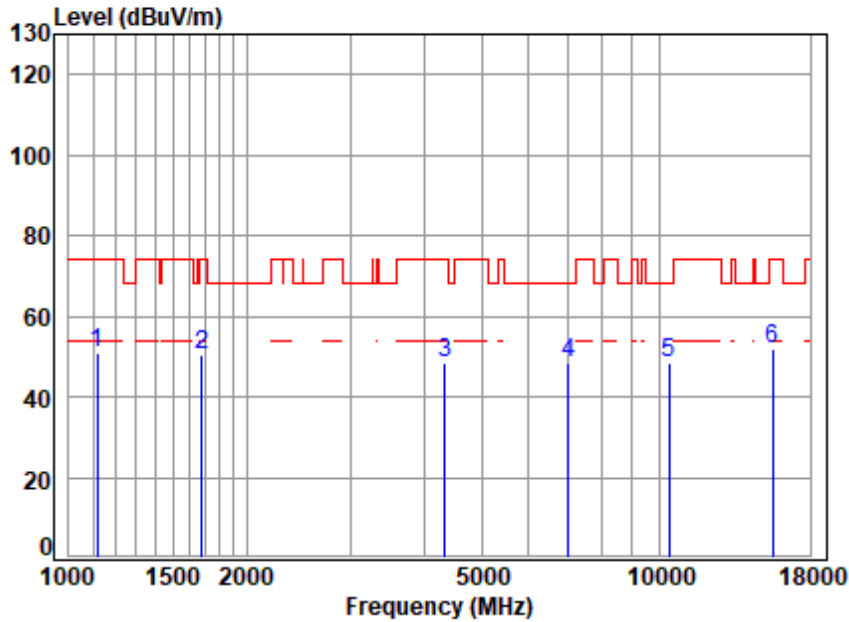
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5190 TX RSE
 Note : 5G WIFI 11N40

| | Cable | Ant | Preamp | Read | Limit | Over | | |
|------|-----------|--------|--------|-------|--------|--------|-------|-------------|
| Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1116.093 | 2.95 | 24.22 | 52.60 | 76.47 | 51.04 | 74.00 | -22.96 peak |
| 2 | 1677.621 | 4.15 | 24.96 | 52.95 | 74.25 | 50.41 | 74.00 | -23.59 peak |
| 3 | 4329.354 | 7.48 | 29.97 | 52.91 | 64.14 | 48.68 | 74.00 | -25.32 peak |
| 4 | 7015.420 | 8.20 | 35.82 | 53.50 | 57.76 | 48.28 | 68.20 | -19.92 peak |
| 5 | 10380.000 | 11.07 | 38.87 | 53.36 | 52.04 | 48.62 | 68.20 | -19.58 peak |
| 6 | 15570.000 | 13.49 | 39.64 | 53.41 | 52.20 | 51.92 | 74.00 | -22.08 peak |



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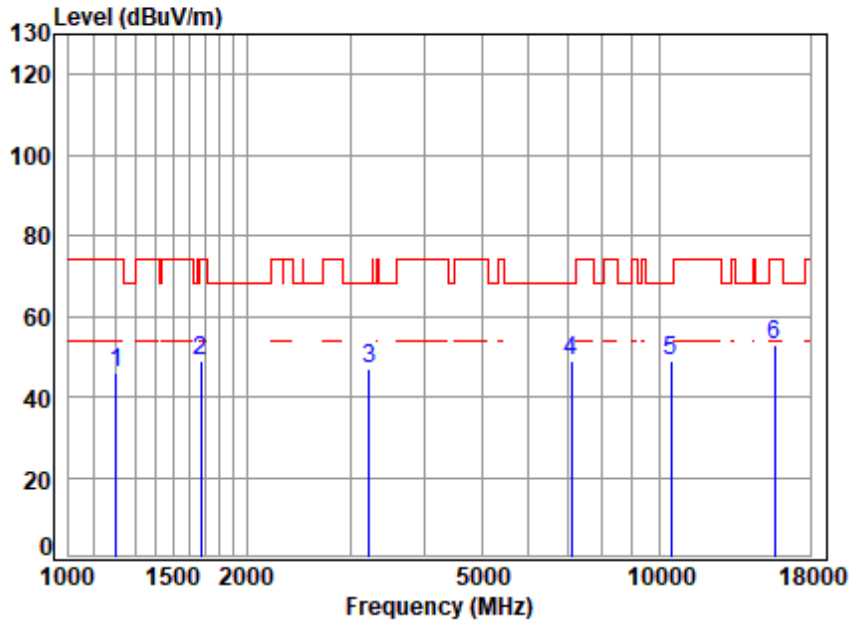
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

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Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5230 TX RSE
 Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1203.199 | 3.16 | 24.30 | 52.66 | 71.13 | 45.93 | 74.00 | -28.07 | peak |
| 2 | 1672.779 | 4.14 | 24.95 | 52.95 | 72.88 | 49.02 | 74.00 | -24.98 | peak |
| 3 | 3223.928 | 6.31 | 28.65 | 53.02 | 65.17 | 47.11 | 68.20 | -21.09 | peak |
| 4 | 7096.999 | 8.24 | 35.92 | 53.51 | 58.16 | 48.81 | 68.20 | -19.39 | peak |
| 5 | 10460.000 | 11.06 | 38.97 | 53.39 | 52.17 | 48.81 | 68.20 | -19.39 | peak |
| 6 | 15690.000 | 13.50 | 39.23 | 53.35 | 53.49 | 52.87 | 74.00 | -21.13 | peak |



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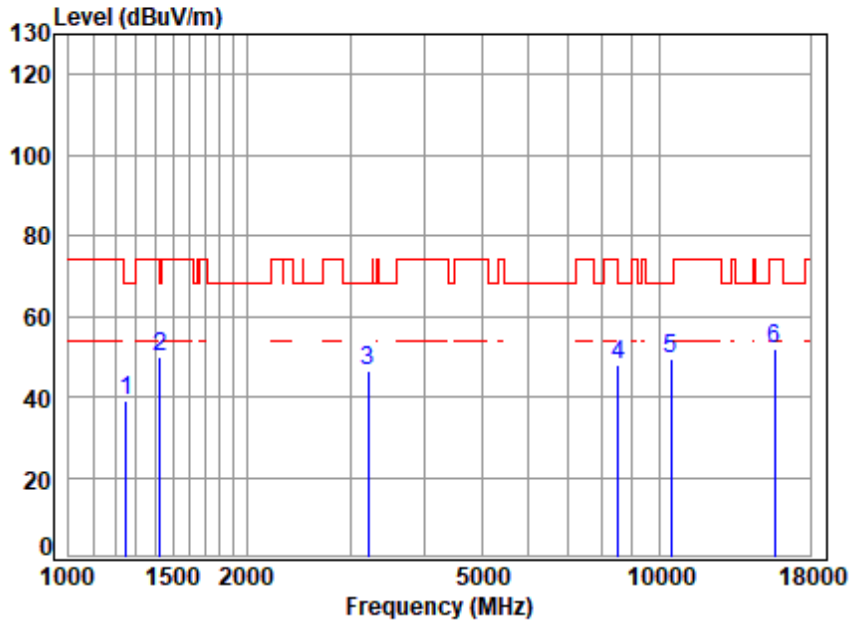
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5230 TX RSE
 Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1252.885 | 3.27 | 24.27 | 52.70 | 64.31 | 39.15 | 68.20 | -29.05 | peak |
| 2 | 1426.916 | 3.63 | 24.29 | 52.81 | 74.77 | 49.88 | 74.00 | -24.12 | peak |
| 3 | 3214.623 | 6.29 | 28.64 | 53.03 | 64.46 | 46.36 | 68.20 | -21.84 | peak |
| 4 | 8514.456 | 9.70 | 36.15 | 53.92 | 55.89 | 47.82 | 68.20 | -20.38 | peak |
| 5 | 10460.000 | 11.06 | 38.97 | 53.39 | 52.96 | 49.60 | 68.20 | -18.60 | peak |
| 6 | 15690.000 | 13.50 | 39.23 | 53.35 | 52.66 | 52.04 | 74.00 | -21.96 | peak |



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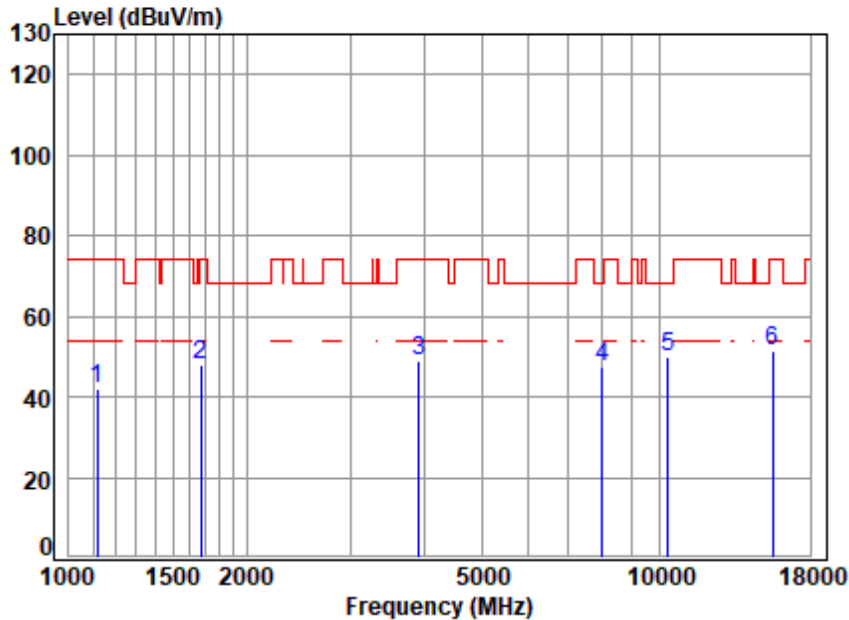
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5180 TX RSE
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 1119.323 | 2.95 | 24.22 | 52.60 | 67.28 | 41.85 | 74.00 | -32.15 peak |
| 2 | 1672.779 | 4.14 | 24.95 | 52.95 | 71.59 | 47.73 | 74.00 | -26.27 peak |
| 3 | 3912.809 | 7.41 | 29.37 | 52.82 | 64.94 | 48.90 | 74.00 | -25.10 peak |
| 4 | 8013.020 | 9.44 | 36.20 | 53.61 | 55.62 | 47.65 | 68.20 | -20.55 peak |
| 5 | 10360.000 | 11.08 | 38.85 | 53.35 | 53.37 | 49.95 | 68.20 | -18.25 peak |
| 6 | 15540.000 | 13.49 | 39.74 | 53.43 | 51.70 | 51.50 | 74.00 | -22.50 peak |



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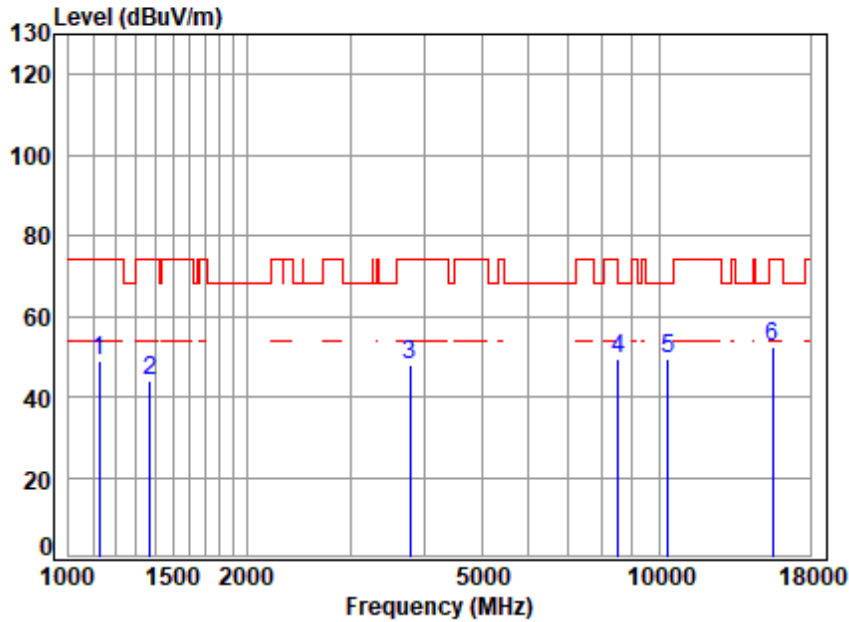
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

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Report No.: FYCR221100047404

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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5180 TX RSE
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1125.813 | 2.97 | 24.23 | 52.60 | 74.11 | 48.71 | 74.00 | -25.29 | peak |
| 2 | 1374.295 | 3.53 | 24.21 | 52.78 | 69.11 | 44.07 | 74.00 | -29.93 | peak |
| 3 | 3790.361 | 7.29 | 29.18 | 52.86 | 64.55 | 48.16 | 74.00 | -25.84 | peak |
| 4 | 8514.456 | 9.70 | 36.15 | 53.92 | 57.50 | 49.43 | 68.20 | -18.77 | peak |
| 5 | 10360.000 | 11.08 | 38.85 | 53.35 | 53.07 | 49.65 | 68.20 | -18.55 | peak |
| 6 | 15540.000 | 13.49 | 39.74 | 53.43 | 52.54 | 52.34 | 74.00 | -21.66 | peak |



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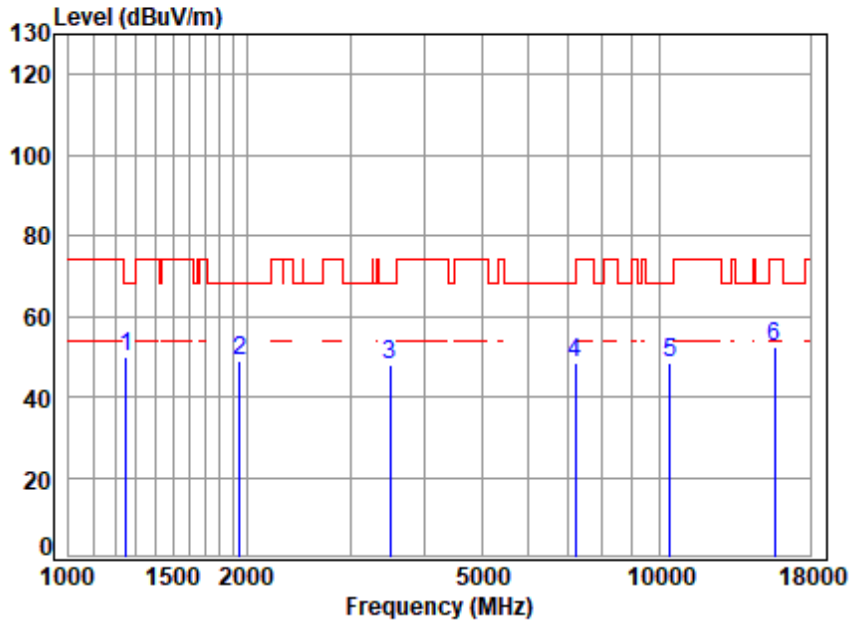
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5220 TX RSE
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 1249.269 | 3.26 | 24.27 | 52.69 | 74.85 | 49.69 | 68.20 | -18.51 peak |
| 2 | 1949.701 | 4.66 | 25.96 | 53.08 | 71.39 | 48.93 | 68.20 | -19.27 Peak |
| 3 | 3495.691 | 6.98 | 28.70 | 52.94 | 65.14 | 47.88 | 68.20 | -20.32 peak |
| 4 | 7200.309 | 8.29 | 36.05 | 53.52 | 57.81 | 48.63 | 68.20 | -19.57 peak |
| 5 | 10440.000 | 11.07 | 38.94 | 53.38 | 52.01 | 48.64 | 68.20 | -19.56 peak |
| 6 | 15660.000 | 13.50 | 39.33 | 53.37 | 52.91 | 52.37 | 74.00 | -21.63 peak |



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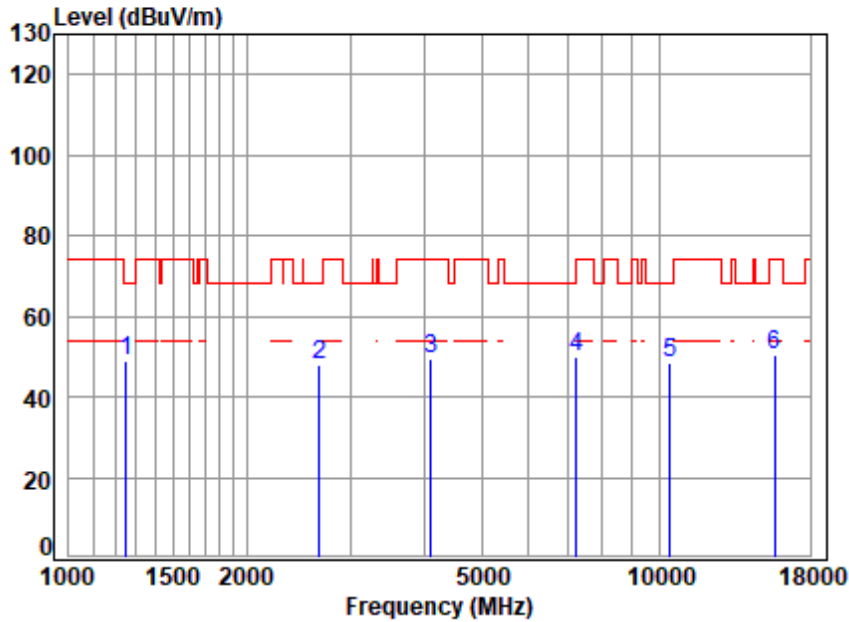
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SZCCS-TRF-01 Rev. A/0 Aug01,2022

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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5220 TX RSE
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1252.885 | 3.27 | 24.27 | 52.70 | 74.05 | 48.89 | 68.20 | -19.31 | peak |
| 2 | 2656.331 | 5.33 | 27.80 | 53.10 | 67.87 | 47.90 | 68.20 | -20.30 | Peak |
| 3 | 4109.872 | 7.49 | 29.66 | 52.84 | 65.15 | 49.46 | 74.00 | -24.54 | peak |
| 4 | 7242.052 | 8.31 | 36.10 | 53.53 | 59.20 | 50.08 | 68.20 | -18.12 | peak |
| 5 | 10440.000 | 11.07 | 38.94 | 53.38 | 51.94 | 48.57 | 68.20 | -19.63 | peak |
| 6 | 15660.000 | 13.50 | 39.33 | 53.37 | 51.03 | 50.49 | 74.00 | -23.51 | peak |



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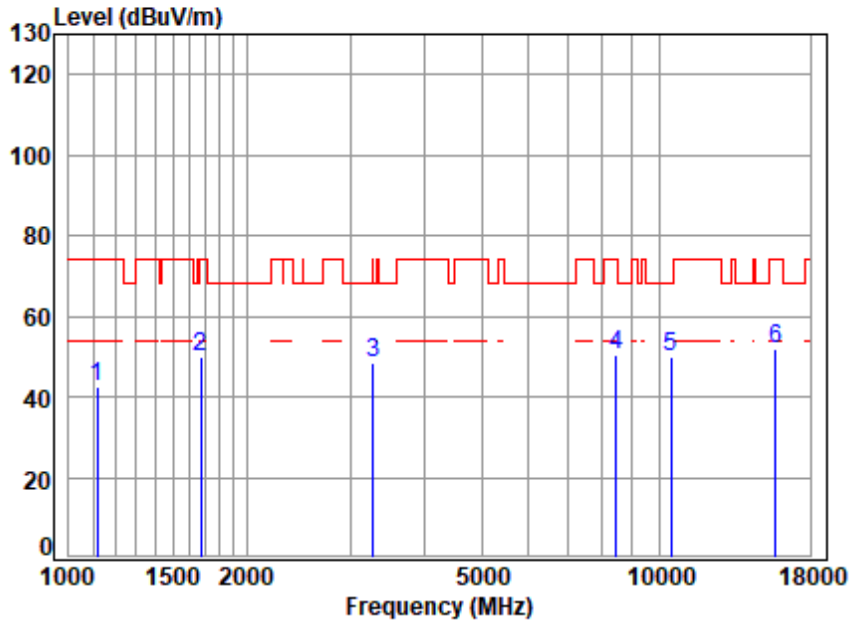
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5240 TX RSE
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1119.323 | 2.95 | 24.22 | 52.60 | 67.92 | 42.49 | 74.00 | -31.51 | peak |
| 2 | 1672.779 | 4.14 | 24.95 | 52.95 | 73.71 | 49.85 | 74.00 | -24.15 | peak |
| 3 | 3270.858 | 6.43 | 28.66 | 53.01 | 66.20 | 48.28 | 68.20 | -19.92 | peak |
| 4 | 8440.945 | 9.64 | 36.15 | 53.87 | 58.51 | 50.43 | 74.00 | -23.57 | peak |
| 5 | 10480.000 | 11.06 | 38.99 | 53.40 | 53.15 | 49.80 | 68.20 | -18.40 | peak |
| 6 | 15720.000 | 13.50 | 39.13 | 53.34 | 52.72 | 52.01 | 74.00 | -21.99 | peak |



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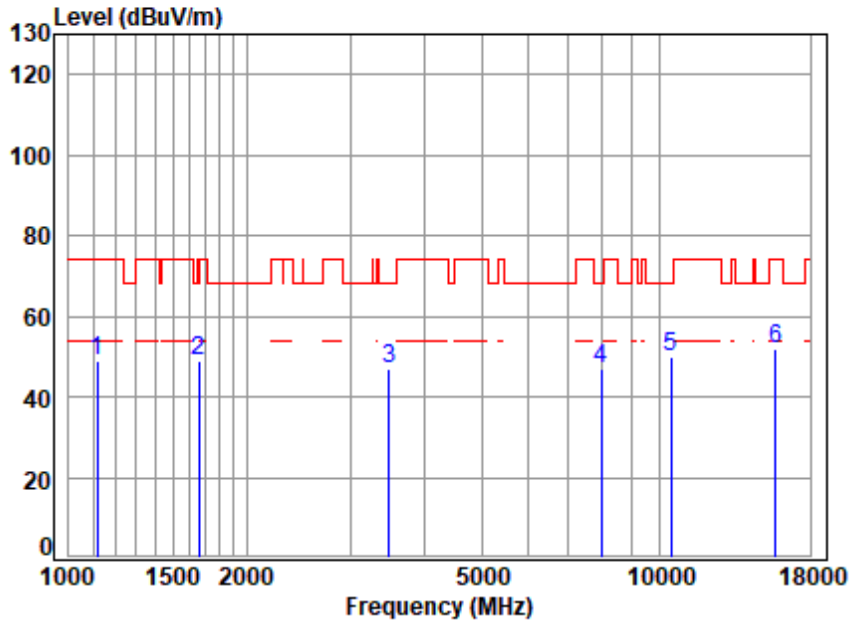
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5240 TX RSE
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1119.323 | 2.95 | 24.22 | 52.60 | 74.42 | 48.99 | 74.00 | -25.01 | peak |
| 2 | 1663.137 | 4.12 | 24.93 | 52.94 | 72.76 | 48.87 | 74.00 | -25.13 | peak |
| 3 | 3485.601 | 6.96 | 28.70 | 52.94 | 64.28 | 47.00 | 68.20 | -21.20 | peak |
| 4 | 7989.893 | 9.41 | 36.20 | 53.60 | 54.76 | 46.77 | 68.20 | -21.43 | peak |
| 5 | 10480.000 | 11.06 | 38.99 | 53.40 | 53.06 | 49.71 | 68.20 | -18.49 | peak |
| 6 | 15720.000 | 13.50 | 39.13 | 53.34 | 52.79 | 52.08 | 74.00 | -21.92 | peak |



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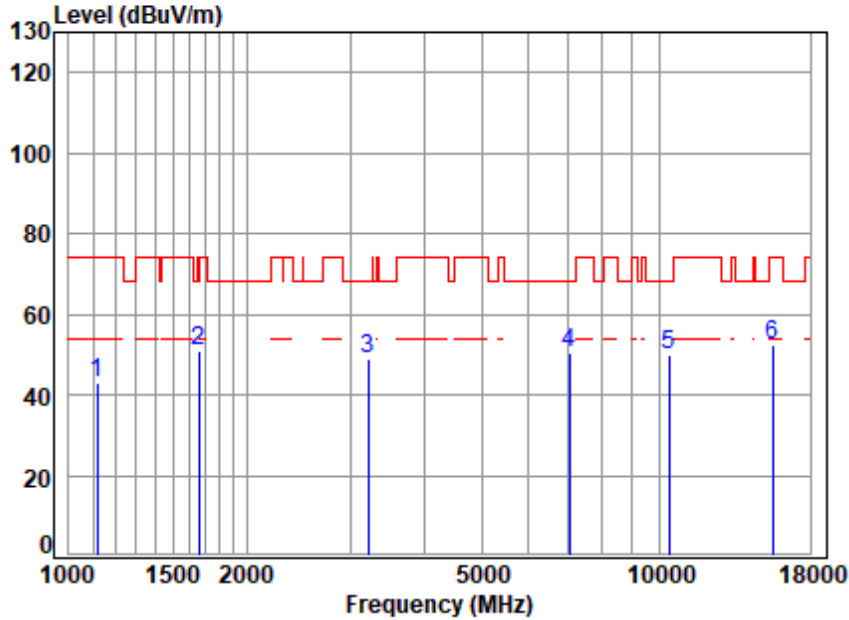
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5190 TX RSE
 Note : 5G WIFI 11AC40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 1119.323 | 2.95 | 24.22 | 52.60 | 68.42 | 42.99 | 74.00 | -31.01 peak |
| 2 | 1663.137 | 4.12 | 24.93 | 52.94 | 74.76 | 50.87 | 74.00 | -23.13 peak |
| 3 | 3214.623 | 6.29 | 28.64 | 53.03 | 67.09 | 48.99 | 68.20 | -19.21 peak |
| 4 | 7056.092 | 8.22 | 35.87 | 53.51 | 59.80 | 50.38 | 68.20 | -17.82 peak |
| 5 | 10380.000 | 11.07 | 38.87 | 53.36 | 53.57 | 50.15 | 68.20 | -18.05 peak |
| 6 | 15570.000 | 13.49 | 39.64 | 53.41 | 52.91 | 52.63 | 74.00 | -21.37 peak |



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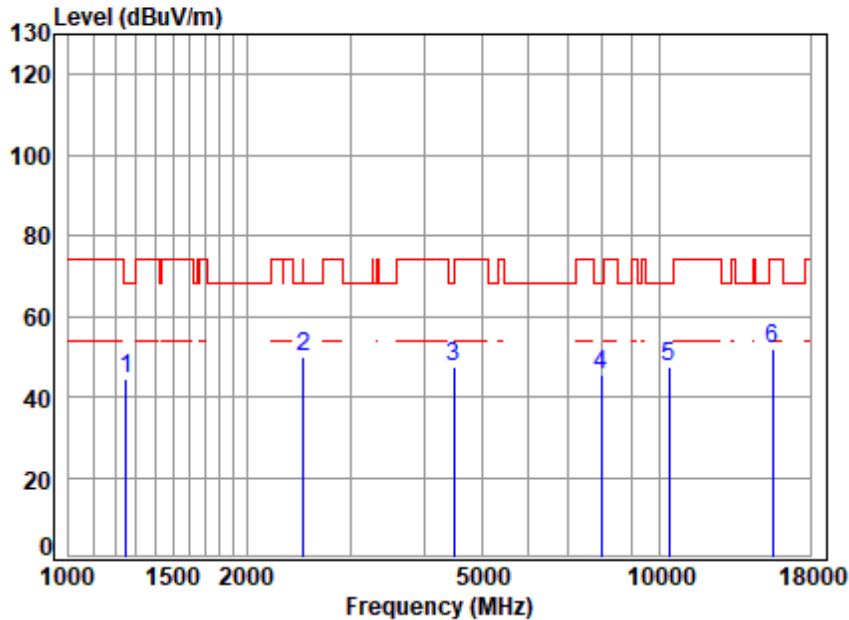
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5190 TX RSE
 Note : 5G WIFI 11AC40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 1249.269 | 3.26 | 24.27 | 52.69 | 69.56 | 44.40 | 68.20 | -23.80 peak |
| 2 | 2499.893 | 5.13 | 27.40 | 53.10 | 70.27 | 49.70 | 74.00 | -24.30 Peak |
| 3 | 4482.150 | 7.47 | 30.18 | 52.95 | 62.93 | 47.63 | 68.20 | -20.57 peak |
| 4 | 7966.832 | 9.37 | 36.21 | 53.60 | 53.64 | 45.62 | 68.20 | -22.58 peak |
| 5 | 10380.000 | 11.07 | 38.87 | 53.36 | 50.82 | 47.40 | 68.20 | -20.80 peak |
| 6 | 15570.000 | 13.49 | 39.64 | 53.41 | 52.06 | 51.78 | 74.00 | -22.22 peak |



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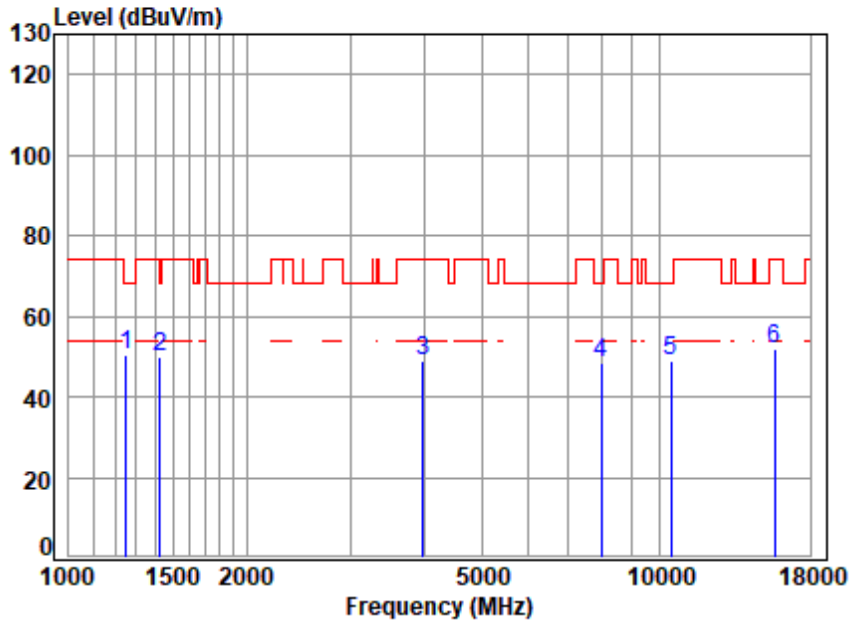
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5230 TX RSE
 Note : 5G WIFI 11AC40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1249.269 | 3.26 | 24.27 | 52.69 | 75.37 | 50.21 | 68.20 | -17.99 | peak |
| 2 | 1426.916 | 3.63 | 24.29 | 52.81 | 75.00 | 50.11 | 74.00 | -23.89 | peak |
| 3 | 3981.257 | 7.47 | 29.47 | 52.80 | 64.96 | 49.10 | 74.00 | -24.90 | peak |
| 4 | 7966.832 | 9.37 | 36.21 | 53.60 | 56.64 | 48.62 | 68.20 | -19.58 | peak |
| 5 | 10460.000 | 11.06 | 38.97 | 53.39 | 52.32 | 48.96 | 68.20 | -19.24 | peak |
| 6 | 15690.000 | 13.50 | 39.23 | 53.35 | 52.52 | 51.90 | 74.00 | -22.10 | peak |



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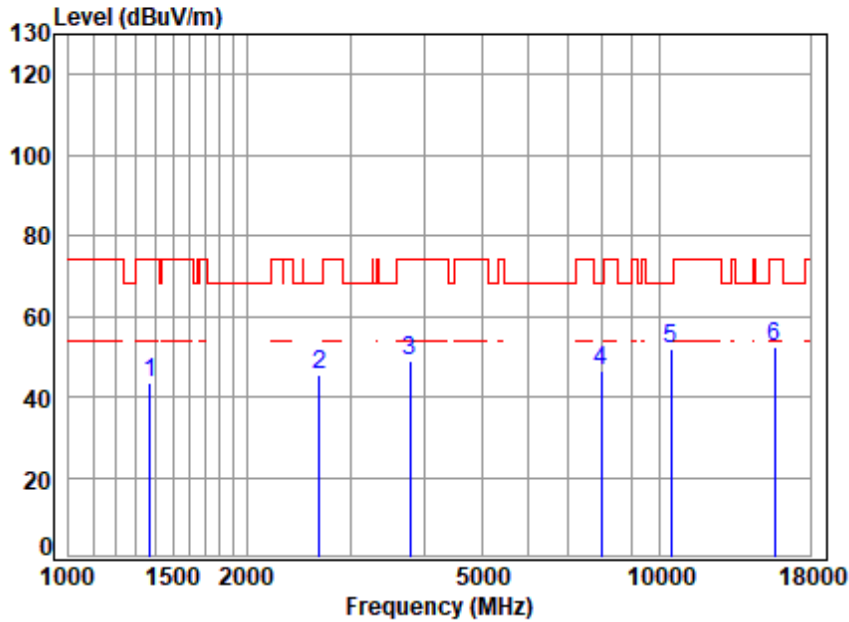
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5230 TX RSE
 Note : 5G WIFI 11AC40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1374.295 | 3.53 | 24.21 | 52.78 | 68.29 | 43.25 | 74.00 | -30.75 | peak |
| 2 | 2656.331 | 5.33 | 27.80 | 53.10 | 65.39 | 45.42 | 68.20 | -22.78 | Peak |
| 3 | 3779.422 | 7.28 | 29.16 | 52.86 | 65.57 | 49.15 | 74.00 | -24.85 | peak |
| 4 | 7966.832 | 9.37 | 36.21 | 53.60 | 54.64 | 46.62 | 68.20 | -21.58 | peak |
| 5 | 10460.000 | 11.06 | 38.97 | 53.39 | 55.22 | 51.86 | 68.20 | -16.34 | peak |
| 6 | 15690.000 | 13.50 | 39.23 | 53.35 | 53.03 | 52.41 | 74.00 | -21.59 | peak |



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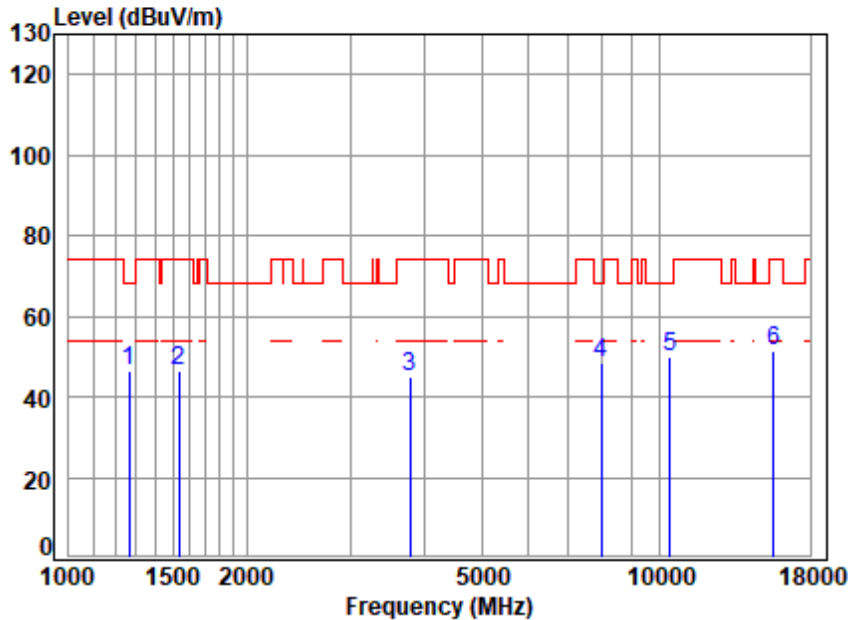
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SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5210 TX RSE
 Note : 5G WIFI 11AC80

| | Cable | Ant | Preamp | Read | | Limit | Over | |
|------|-------|--------|--------|-------|--------|--------|--------|--------|
| Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 3.30 | 24.26 | 52.71 | 71.75 | 46.60 | 68.20 | -21.60 | peak |
| 2 | 3.85 | 24.61 | 52.87 | 70.99 | 46.58 | 74.00 | -27.42 | peak |
| 3 | 7.29 | 29.18 | 52.86 | 61.58 | 45.19 | 74.00 | -28.81 | peak |
| 4 | 9.37 | 36.21 | 53.60 | 56.64 | 48.62 | 68.20 | -19.58 | peak |
| 5 | 11.07 | 38.92 | 53.37 | 53.34 | 49.96 | 68.20 | -18.24 | peak |
| 6 | 13.50 | 39.43 | 53.38 | 51.97 | 51.52 | 74.00 | -22.48 | peak |



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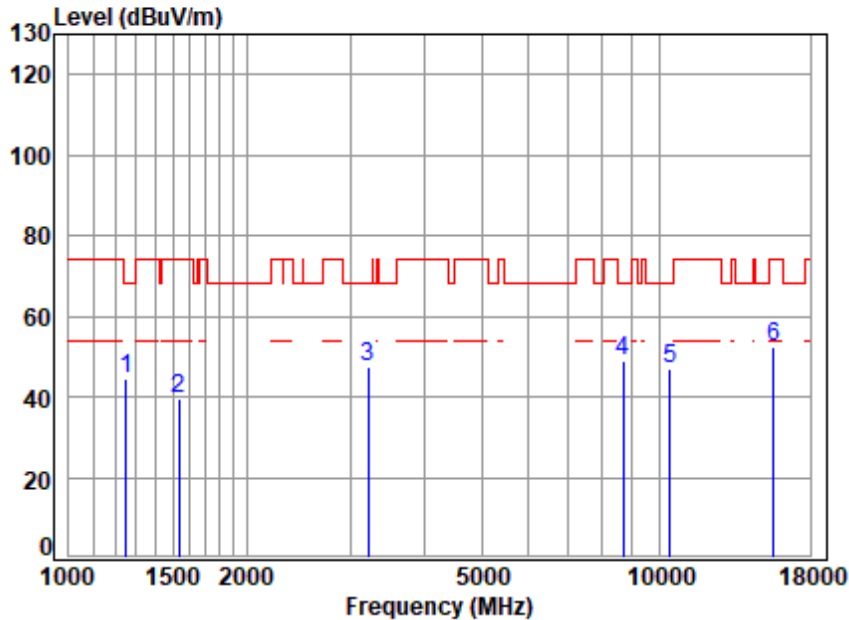
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5210 TX RSE
 Note : 5G WIFI 11AC80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 1252.885 | 3.27 | 24.27 | 52.70 | 69.87 | 44.71 | 68.20 | -23.49 peak |
| 2 | 1533.841 | 3.85 | 24.61 | 52.87 | 63.99 | 39.58 | 74.00 | -34.42 peak |
| 3 | 3214.623 | 6.29 | 28.64 | 53.03 | 65.69 | 47.59 | 68.20 | -20.61 peak |
| 4 | 8688.480 | 10.08 | 36.13 | 54.02 | 56.68 | 48.87 | 68.20 | -19.33 peak |
| 5 | 10420.000 | 11.07 | 38.92 | 53.37 | 50.34 | 46.96 | 68.20 | -21.24 peak |
| 6 | 15630.000 | 13.50 | 39.43 | 53.38 | 52.97 | 52.52 | 74.00 | -21.48 peak |



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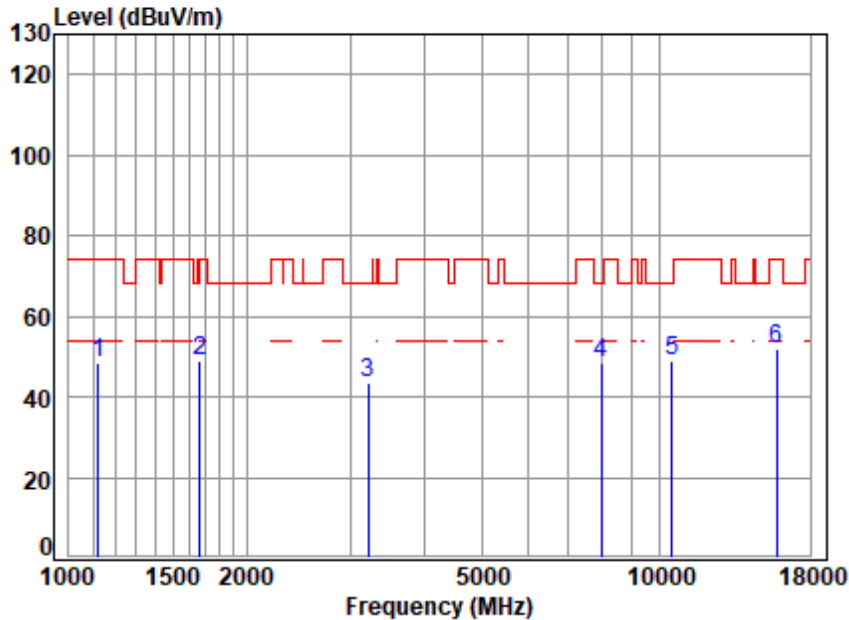
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5260 TX RSE
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 1122.563 | 2.96 | 24.23 | 52.60 | 73.90 | 48.49 | 74.00 | -25.51 peak |
| 2 | 1667.951 | 4.13 | 24.94 | 52.94 | 72.56 | 48.69 | 74.00 | -25.31 peak |
| 3 | 3214.623 | 6.29 | 28.64 | 53.03 | 61.69 | 43.59 | 68.20 | -24.61 peak |
| 4 | 7989.893 | 9.41 | 36.20 | 53.60 | 56.47 | 48.48 | 68.20 | -19.72 peak |
| 5 | 10520.000 | 11.07 | 39.04 | 53.41 | 52.14 | 48.84 | 68.20 | -19.36 peak |
| 6 | 15780.000 | 13.51 | 38.93 | 53.31 | 52.71 | 51.84 | 74.00 | -22.16 peak |



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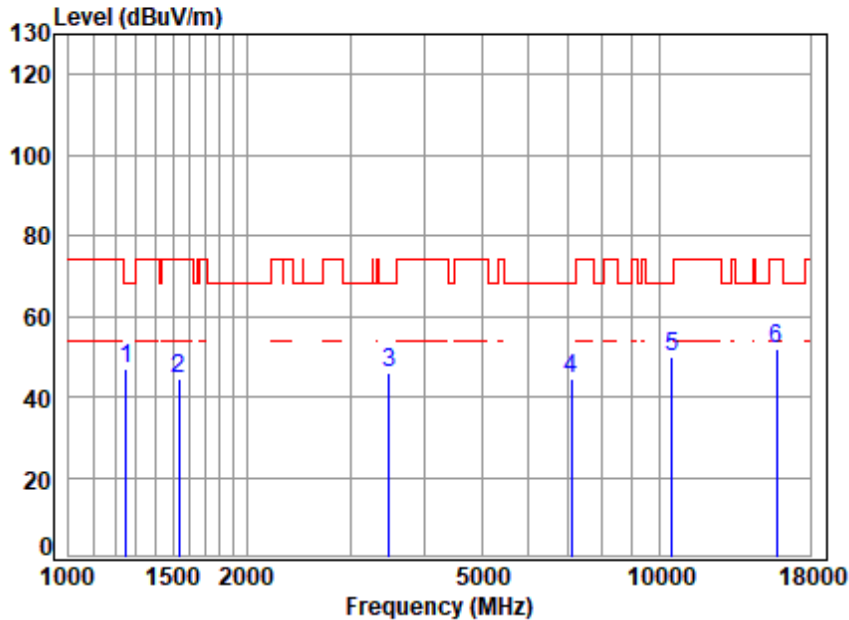
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 05; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5260 TX RSE
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1252.885 | 3.27 | 24.27 | 52.70 | 71.87 | 46.71 | 68.20 | -21.49 | peak |
| 2 | 1533.841 | 3.85 | 24.61 | 52.87 | 68.99 | 44.58 | 74.00 | -29.42 | peak |
| 3 | 3485.601 | 6.96 | 28.70 | 52.94 | 63.01 | 45.73 | 68.20 | -22.47 | peak |
| 4 | 7096.999 | 8.24 | 35.92 | 53.51 | 53.67 | 44.32 | 68.20 | -23.88 | peak |
| 5 | 10520.000 | 11.07 | 39.04 | 53.41 | 53.14 | 49.84 | 68.20 | -18.36 | peak |
| 6 | 15780.000 | 13.51 | 38.93 | 53.31 | 52.71 | 51.84 | 74.00 | -22.16 | peak |



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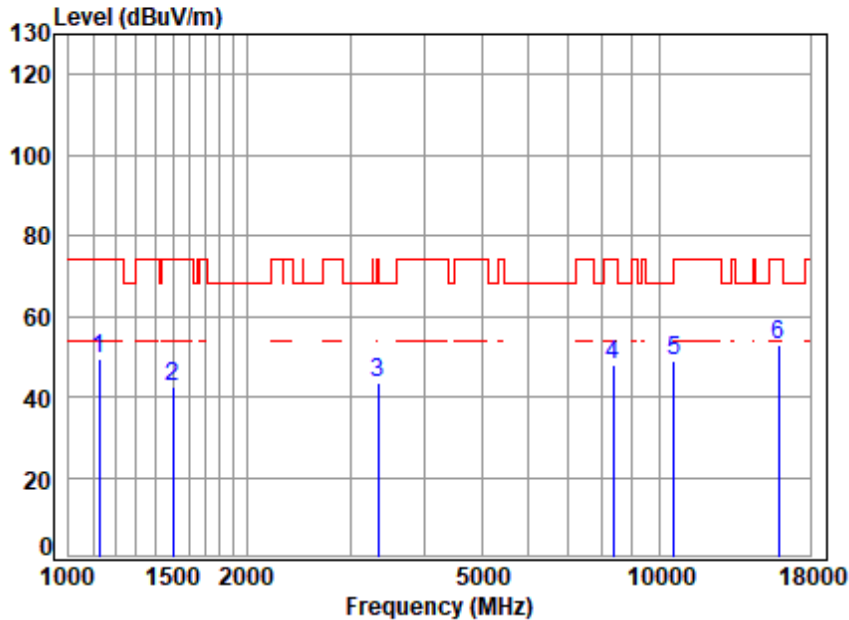
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 05; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5300 TX RSE
 Note : 5G WIFI 11A

| | Cable | Ant | Preamp | Read | Limit | Over | | |
|------|-------|--------|--------|-------|--------|--------|--------|--------|
| Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 2.97 | 24.23 | 52.60 | 74.69 | 49.29 | 74.00 | -24.71 | peak |
| 2 | 3.77 | 24.51 | 52.85 | 67.03 | 42.46 | 74.00 | -31.54 | peak |
| 3 | 6.62 | 28.67 | 52.99 | 61.18 | 43.48 | 74.00 | -30.52 | peak |
| 4 | 9.61 | 36.16 | 53.83 | 55.91 | 47.85 | 74.00 | -26.15 | peak |
| 5 | 11.12 | 39.13 | 53.44 | 51.99 | 48.80 | 68.20 | -19.40 | peak |
| 6 | 13.51 | 38.53 | 53.25 | 53.93 | 52.72 | 74.00 | -21.28 | peak |



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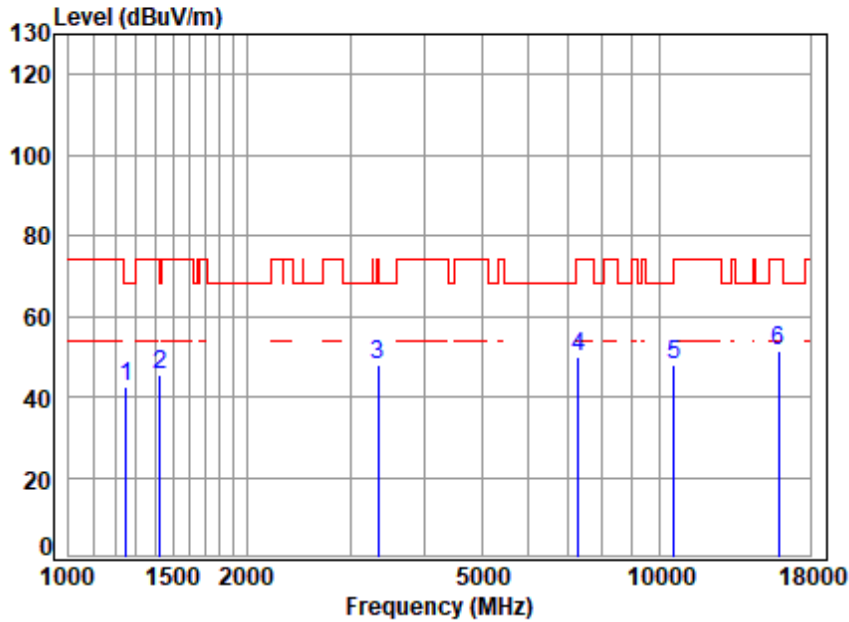
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 05; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5300 TX RSE
 Note : 5G WIFI 11A

| | Cable | Ant | Preamp | Read | Limit | Over | | |
|------|-------|--------|--------|-------|--------|--------|--------|--------|
| Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 3.27 | 24.27 | 52.70 | 67.87 | 42.71 | 68.20 | -25.49 | peak |
| 2 | 3.63 | 24.29 | 52.81 | 70.27 | 45.38 | 74.00 | -28.62 | peak |
| 3 | 6.60 | 28.67 | 52.99 | 65.43 | 47.71 | 74.00 | -26.29 | peak |
| 4 | 8.34 | 36.17 | 53.53 | 58.71 | 49.69 | 74.00 | -24.31 | peak |
| 5 | 11.12 | 39.13 | 53.44 | 51.37 | 48.18 | 68.20 | -20.02 | peak |
| 6 | 13.51 | 38.53 | 53.25 | 52.74 | 51.53 | 74.00 | -22.47 | peak |



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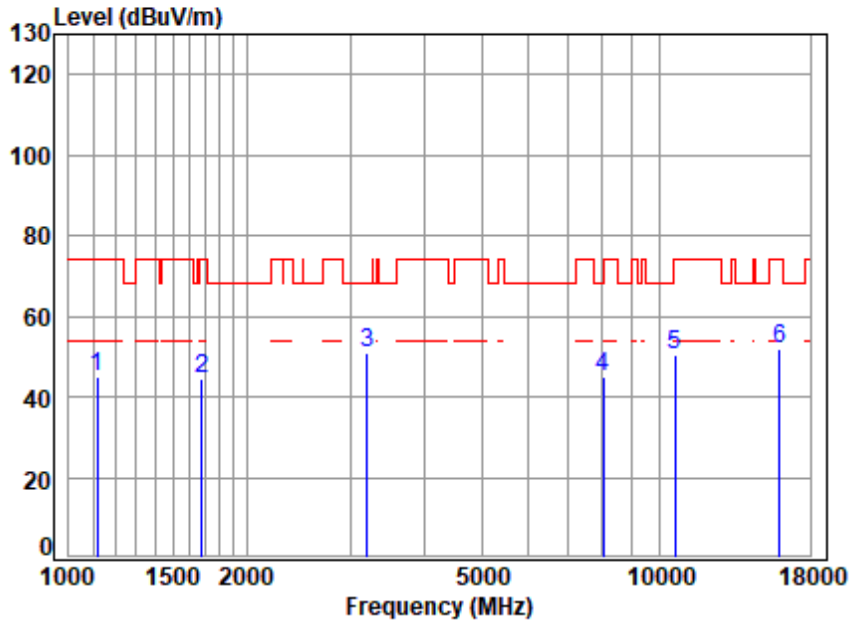
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 05; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5320 TX RSE
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1116.093 | 2.95 | 24.22 | 52.60 | 70.44 | 45.01 | 74.00 | -28.99 | peak |
| 2 | 1677.621 | 4.15 | 24.96 | 52.95 | 68.56 | 44.72 | 74.00 | -29.28 | peak |
| 3 | 3196.094 | 6.24 | 28.64 | 53.03 | 68.86 | 50.71 | 68.20 | -17.49 | peak |
| 4 | 8036.214 | 9.45 | 36.20 | 53.62 | 53.19 | 45.22 | 74.00 | -28.78 | peak |
| 5 | 10640.000 | 11.15 | 39.18 | 53.46 | 53.70 | 50.57 | 74.00 | -23.43 | peak |
| 6 | 15960.000 | 13.52 | 38.33 | 53.22 | 53.29 | 51.92 | 74.00 | -22.08 | peak |



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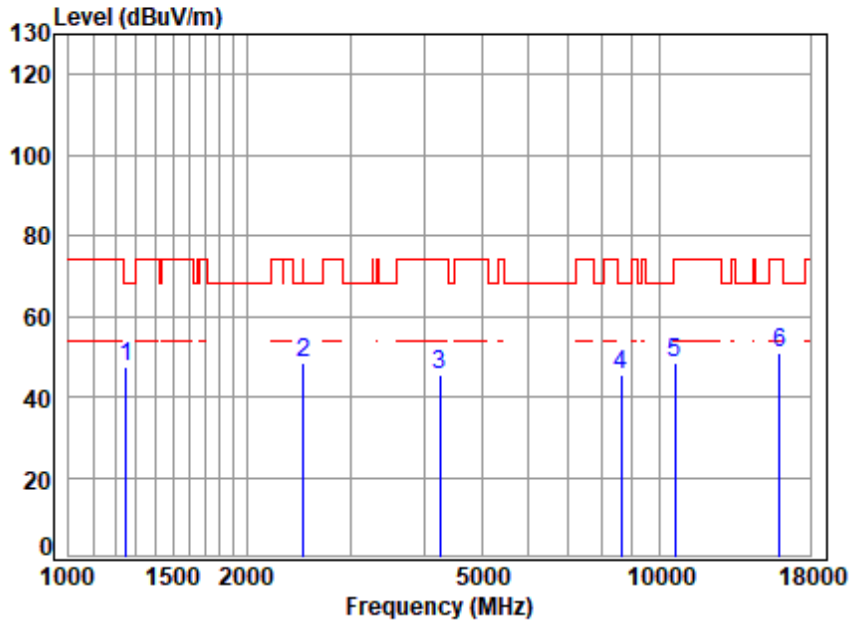
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 05; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5320 TX RSE
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 1249.269 | 3.26 | 24.27 | 52.69 | 72.57 | 47.41 | 68.20 | -20.79 peak |
| 2 | 2499.893 | 5.13 | 27.40 | 53.10 | 69.02 | 48.45 | 74.00 | -25.55 Peak |
| 3 | 4242.641 | 7.48 | 29.85 | 52.88 | 61.02 | 45.47 | 74.00 | -28.53 peak |
| 4 | 8613.468 | 9.92 | 36.14 | 53.98 | 53.59 | 45.67 | 68.20 | -22.53 peak |
| 5 | 10640.000 | 11.15 | 39.18 | 53.46 | 51.70 | 48.57 | 74.00 | -25.43 peak |
| 6 | 15960.000 | 13.52 | 38.33 | 53.22 | 52.47 | 51.10 | 74.00 | -22.90 peak |



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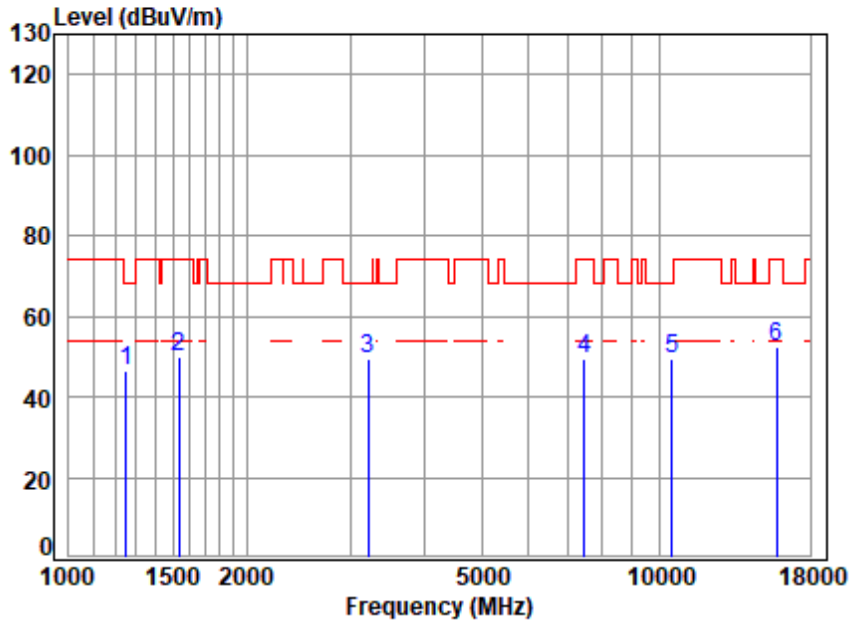
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SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5260 TX RSE
 Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1252.885 | 3.27 | 24.27 | 52.70 | 71.58 | 46.42 | 68.20 | -21.78 | peak |
| 2 | 1538.281 | 3.86 | 24.62 | 52.87 | 74.36 | 49.97 | 74.00 | -24.03 | peak |
| 3 | 3214.623 | 6.29 | 28.64 | 53.03 | 67.74 | 49.64 | 68.20 | -18.56 | peak |
| 4 | 7454.429 | 8.41 | 36.35 | 53.55 | 58.08 | 49.29 | 74.00 | -24.71 | peak |
| 5 | 10520.000 | 11.07 | 39.04 | 53.41 | 52.96 | 49.66 | 68.20 | -18.54 | peak |
| 6 | 15780.000 | 13.51 | 38.93 | 53.31 | 53.05 | 52.18 | 74.00 | -21.82 | peak |



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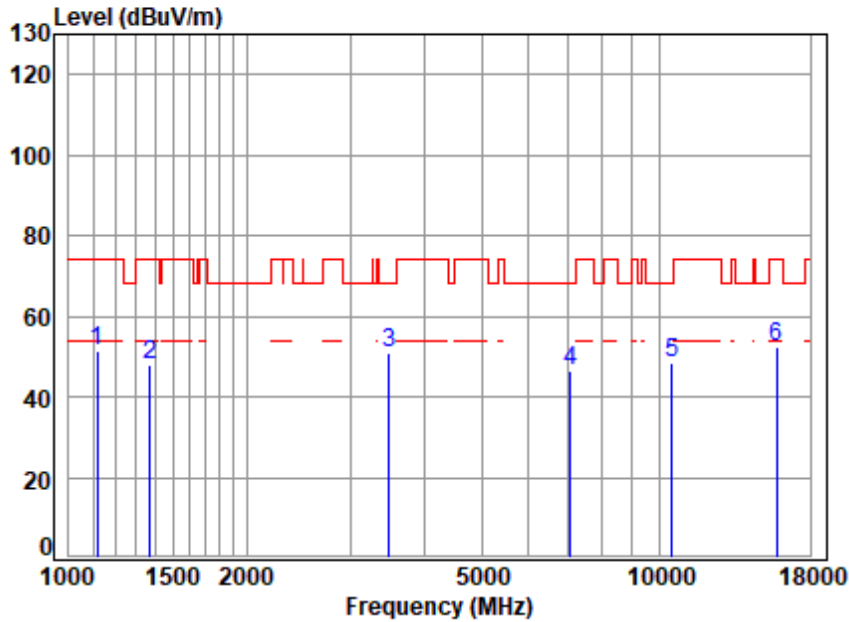
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SZCCS-TRF-01 Rev. A/0 Aug01,2022

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Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5260 TX RSE
 Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1119.323 | 2.95 | 24.22 | 52.60 | 76.68 | 51.25 | 74.00 | -22.75 | peak |
| 2 | 1374.295 | 3.53 | 24.21 | 52.78 | 73.07 | 48.03 | 74.00 | -25.97 | peak |
| 3 | 3485.601 | 6.96 | 28.70 | 52.94 | 67.95 | 50.67 | 68.20 | -17.53 | peak |
| 4 | 7076.516 | 8.23 | 35.89 | 53.51 | 55.86 | 46.47 | 68.20 | -21.73 | peak |
| 5 | 10520.000 | 11.07 | 39.04 | 53.41 | 51.74 | 48.44 | 68.20 | -19.76 | peak |
| 6 | 15780.000 | 13.51 | 38.93 | 53.31 | 53.43 | 52.56 | 74.00 | -21.44 | peak |



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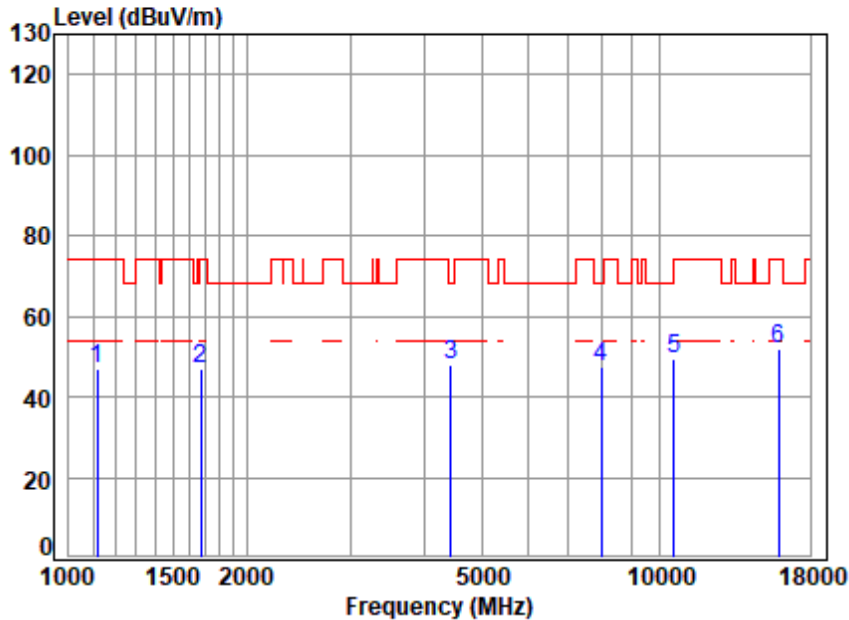
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5300 TX RSE
 Note : 5G WIFI 11N20

| | Cable | Ant | Preamp | Read | Limit | Over | | |
|------|-----------|--------|--------|-------|--------|--------|-------|-------------|
| Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1116.093 | 2.95 | 24.22 | 52.60 | 72.43 | 47.00 | 74.00 | -27.00 peak |
| 2 | 1672.779 | 4.14 | 24.95 | 52.95 | 70.81 | 46.95 | 74.00 | -27.05 peak |
| 3 | 4443.453 | 7.47 | 30.12 | 52.94 | 63.28 | 47.93 | 68.20 | -20.27 peak |
| 4 | 7989.893 | 9.41 | 36.20 | 53.60 | 55.28 | 47.29 | 68.20 | -20.91 peak |
| 5 | 10600.000 | 11.12 | 39.13 | 53.44 | 52.70 | 49.51 | 68.20 | -18.69 peak |
| 6 | 15900.000 | 13.51 | 38.53 | 53.25 | 52.93 | 51.72 | 74.00 | -22.28 peak |



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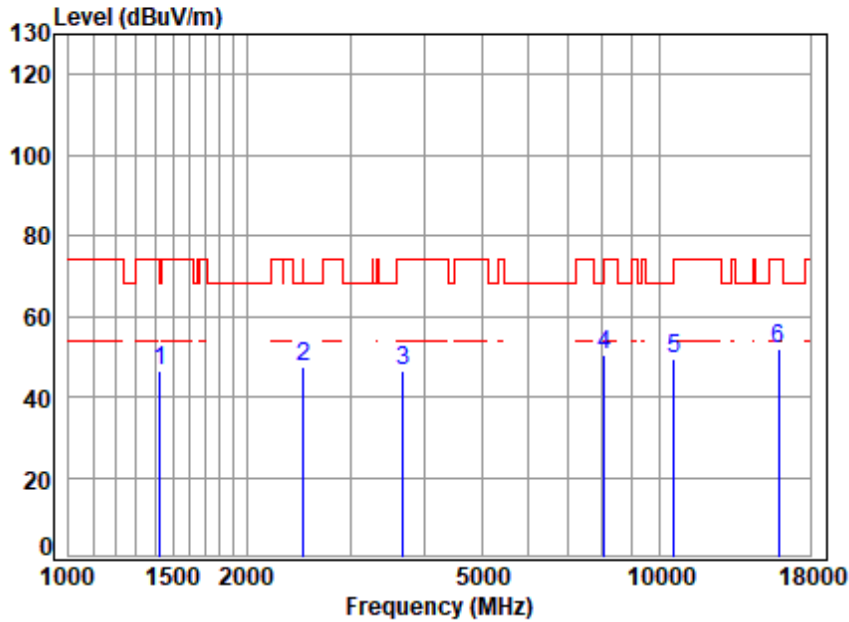
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5300 TX RSE
 Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1426.916 | 3.63 | 24.29 | 52.81 | 71.16 | 46.27 | 74.00 | -27.73 | peak |
| 2 | 2499.893 | 5.13 | 27.40 | 53.10 | 68.04 | 47.47 | 74.00 | -26.53 | Peak |
| 3 | 3682.374 | 7.18 | 29.00 | 52.89 | 63.37 | 46.66 | 74.00 | -27.34 | peak |
| 4 | 8059.475 | 9.46 | 36.19 | 53.64 | 58.20 | 50.21 | 74.00 | -23.79 | peak |
| 5 | 10600.000 | 11.12 | 39.13 | 53.44 | 52.50 | 49.31 | 68.20 | -18.89 | peak |
| 6 | 15900.000 | 13.51 | 38.53 | 53.25 | 53.13 | 51.92 | 74.00 | -22.08 | peak |



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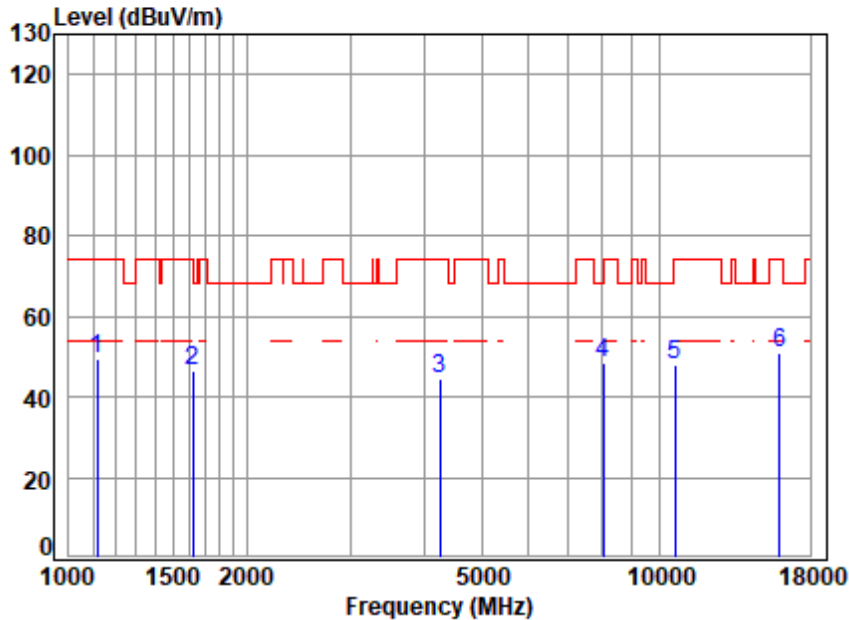
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5320 TX RSE
 Note : 5G WIFI 11N20

| | Cable | Ant | Preamp | Read | Limit | Over | | |
|------|-----------|--------|--------|-------|--------|--------|-------|-------------|
| Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1116.093 | 2.95 | 24.22 | 52.60 | 74.67 | 49.24 | 74.00 | -24.76 peak |
| 2 | 1625.121 | 4.04 | 24.85 | 52.92 | 70.33 | 46.30 | 74.00 | -27.70 peak |
| 3 | 4242.641 | 7.48 | 29.85 | 52.88 | 60.19 | 44.64 | 74.00 | -29.36 peak |
| 4 | 8036.214 | 9.45 | 36.20 | 53.62 | 56.25 | 48.28 | 74.00 | -25.72 peak |
| 5 | 10640.000 | 11.15 | 39.18 | 53.46 | 51.31 | 48.18 | 74.00 | -25.82 peak |
| 6 | 15960.000 | 13.52 | 38.33 | 53.22 | 52.38 | 51.01 | 74.00 | -22.99 peak |



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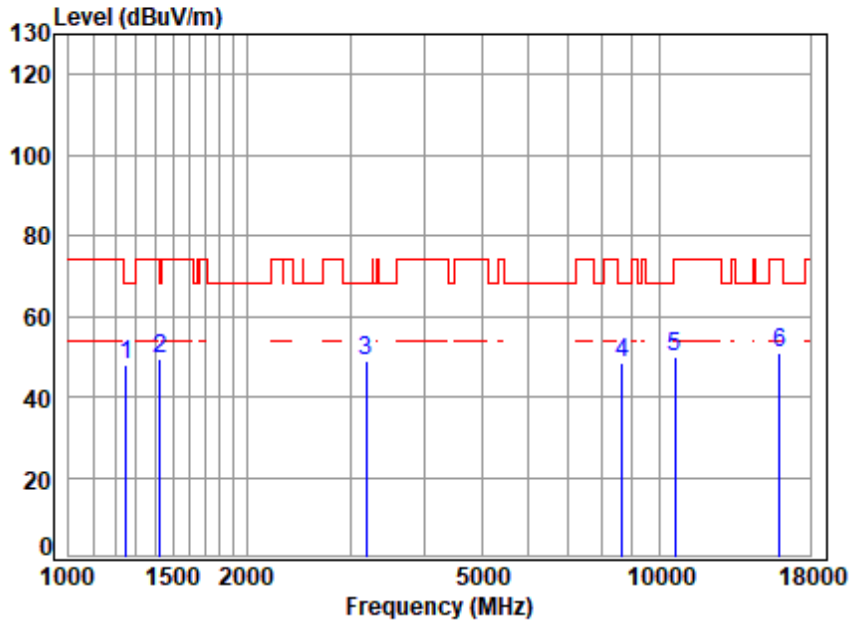
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5320 TX RSE
 Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1249.269 | 3.26 | 24.27 | 52.69 | 73.32 | 48.16 | 68.20 | -20.04 | peak |
| 2 | 1426.916 | 3.63 | 24.29 | 52.81 | 74.16 | 49.27 | 74.00 | -24.73 | peak |
| 3 | 3186.869 | 6.22 | 28.64 | 53.04 | 67.01 | 48.83 | 68.20 | -19.37 | peak |
| 4 | 8638.399 | 9.98 | 36.13 | 53.99 | 56.33 | 48.45 | 68.20 | -19.75 | peak |
| 5 | 10640.000 | 11.15 | 39.18 | 53.46 | 53.05 | 49.92 | 74.00 | -24.08 | peak |
| 6 | 15960.000 | 13.52 | 38.33 | 53.22 | 52.26 | 50.89 | 74.00 | -23.11 | peak |



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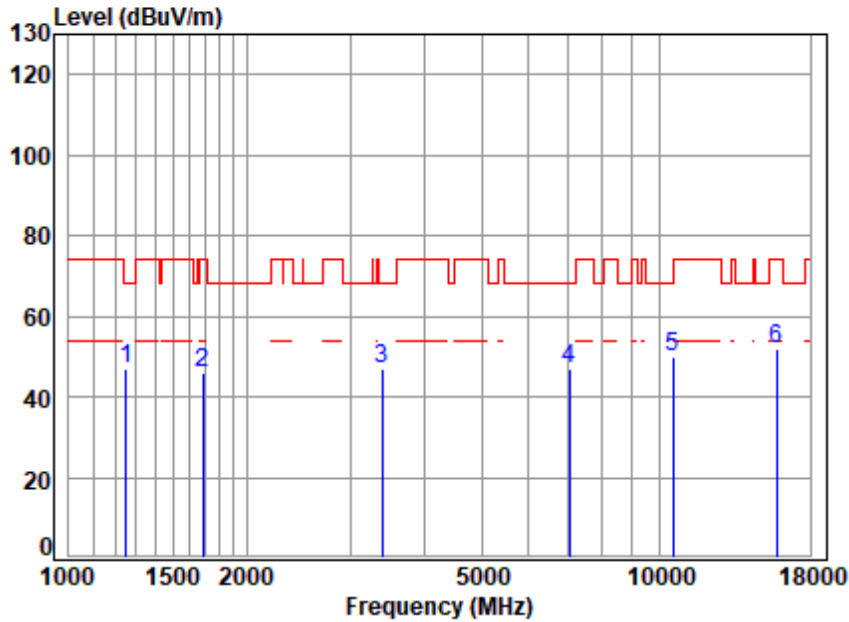
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

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Report No.: FYCR221100047404

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Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5270 TX RSE
 Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1249.269 | 3.26 | 24.27 | 52.69 | 72.15 | 46.99 | 68.20 | -21.21 | peak |
| 2 | 1687.347 | 4.17 | 24.98 | 52.95 | 69.94 | 46.14 | 74.00 | -27.86 | peak |
| 3 | 3396.098 | 6.74 | 28.68 | 52.97 | 64.65 | 47.10 | 68.20 | -21.10 | peak |
| 4 | 7056.092 | 8.22 | 35.87 | 53.51 | 56.27 | 46.85 | 68.20 | -21.35 | peak |
| 5 | 10540.000 | 11.08 | 39.06 | 53.42 | 53.43 | 50.15 | 68.20 | -18.05 | peak |
| 6 | 15810.000 | 13.51 | 38.83 | 53.29 | 52.77 | 51.82 | 74.00 | -22.18 | peak |



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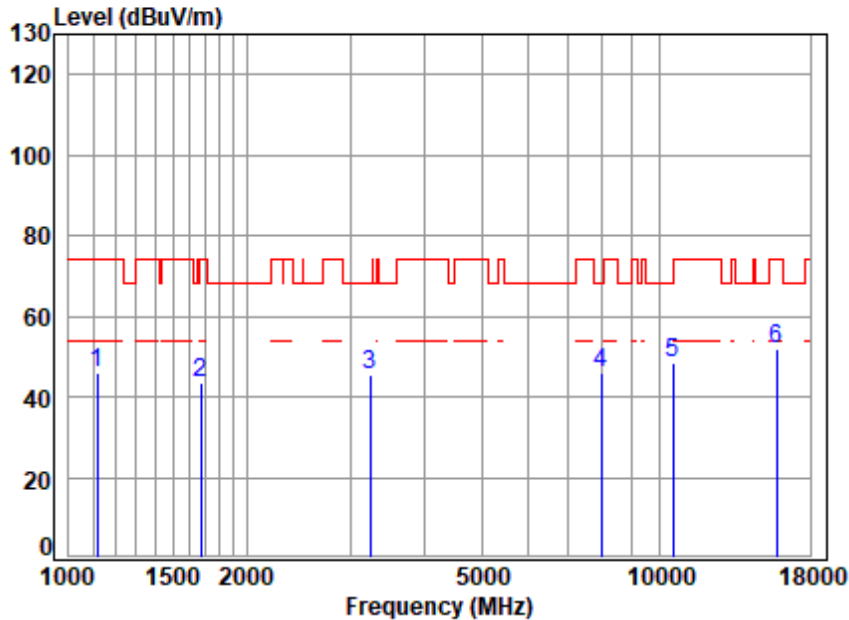
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5270 TX RSE
 Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1119.323 | 2.95 | 24.22 | 52.60 | 71.57 | 46.14 | 74.00 | -27.86 | peak |
| 2 | 1672.779 | 4.14 | 24.95 | 52.95 | 67.50 | 43.64 | 74.00 | -30.36 | peak |
| 3 | 3233.260 | 6.34 | 28.65 | 53.02 | 63.70 | 45.67 | 68.20 | -22.53 | peak |
| 4 | 7989.893 | 9.41 | 36.20 | 53.60 | 53.99 | 46.00 | 68.20 | -22.20 | peak |
| 5 | 10540.000 | 11.08 | 39.06 | 53.42 | 51.89 | 48.61 | 68.20 | -19.59 | peak |
| 6 | 15810.000 | 13.51 | 38.83 | 53.29 | 52.73 | 51.78 | 74.00 | -22.22 | peak |



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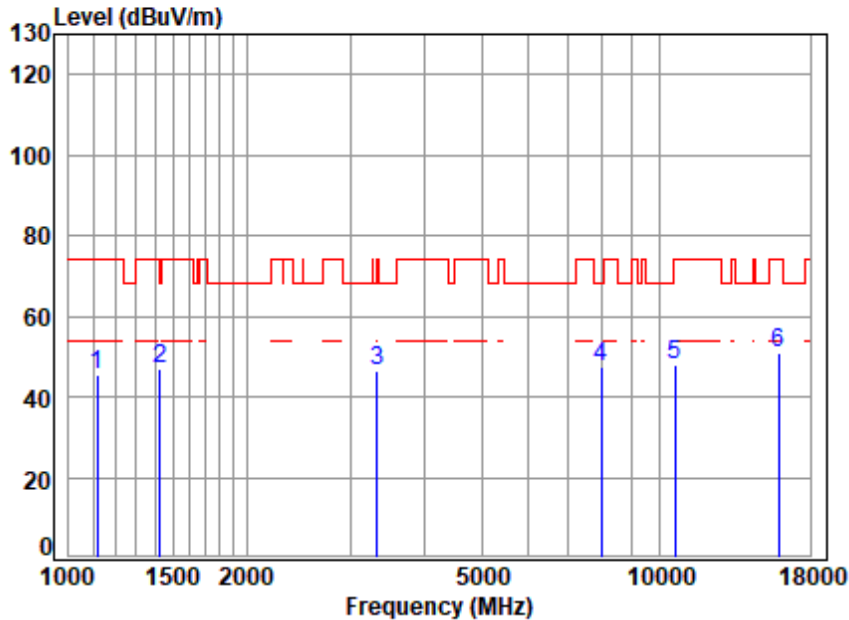
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

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Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5310 TX RSE
 Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 1116.093 | 2.95 | 24.22 | 52.60 | 71.14 | 45.71 | 74.00 | -28.29 peak |
| 2 | 1426.916 | 3.63 | 24.29 | 52.81 | 71.75 | 46.86 | 74.00 | -27.14 peak |
| 3 | 3328.077 | 6.58 | 28.67 | 52.99 | 64.30 | 46.56 | 68.20 | -21.64 peak |
| 4 | 7989.893 | 9.41 | 36.20 | 53.60 | 55.59 | 47.60 | 68.20 | -20.60 peak |
| 5 | 10620.000 | 11.13 | 39.16 | 53.45 | 51.28 | 48.12 | 74.00 | -25.88 peak |
| 6 | 15930.000 | 13.52 | 38.43 | 53.23 | 52.17 | 50.89 | 74.00 | -23.11 peak |



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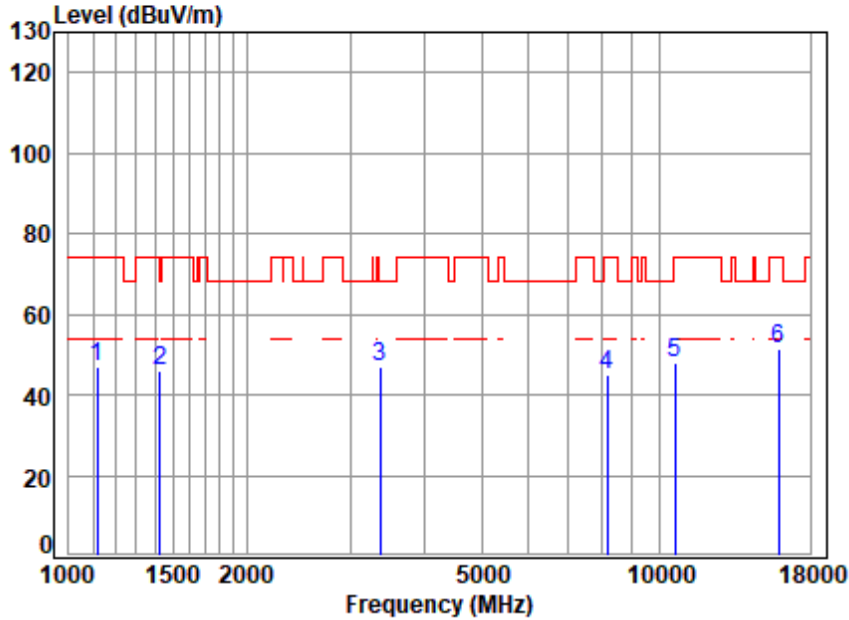
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Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5310 TX RSE
 Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1119.323 | 2.95 | 24.22 | 52.60 | 72.39 | 46.96 | 74.00 | -27.04 | peak |
| 2 | 1426.916 | 3.63 | 24.29 | 52.81 | 70.94 | 46.05 | 74.00 | -27.95 | peak |
| 3 | 3366.778 | 6.67 | 28.67 | 52.98 | 64.75 | 47.11 | 68.20 | -21.09 | peak |
| 4 | 8176.795 | 9.52 | 36.18 | 53.71 | 53.11 | 45.10 | 74.00 | -28.90 | peak |
| 5 | 10620.000 | 11.13 | 39.16 | 53.45 | 51.08 | 47.92 | 74.00 | -26.08 | peak |
| 6 | 15930.000 | 13.52 | 38.43 | 53.23 | 52.52 | 51.24 | 74.00 | -22.76 | peak |



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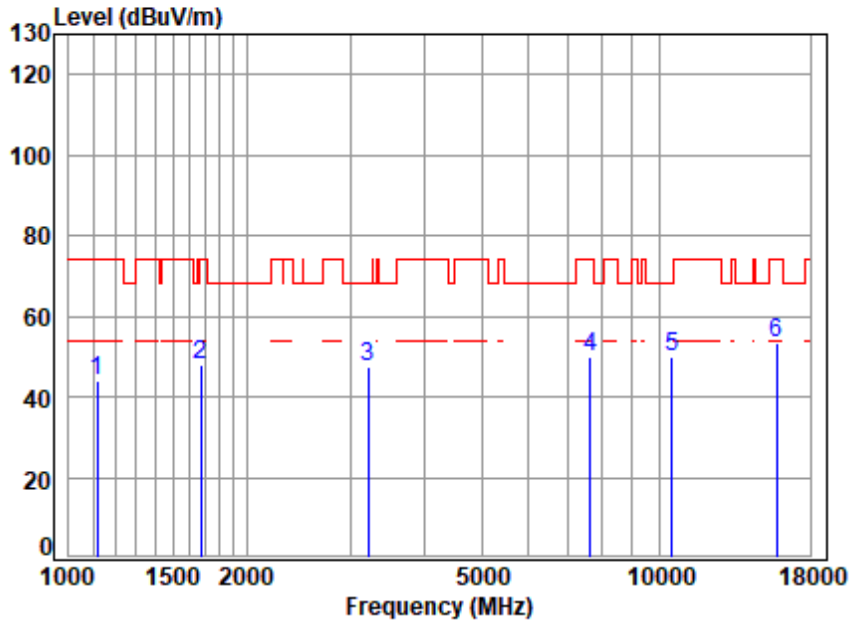
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5260 TX RSE
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1119.323 | 2.95 | 24.22 | 52.60 | 69.61 | 44.18 | 74.00 | -29.82 | peak |
| 2 | 1672.779 | 4.14 | 24.95 | 52.95 | 71.85 | 47.99 | 74.00 | -26.01 | peak |
| 3 | 3214.623 | 6.29 | 28.64 | 53.03 | 65.34 | 47.24 | 68.20 | -20.96 | peak |
| 4 | 7650.888 | 8.74 | 36.34 | 53.57 | 58.59 | 50.10 | 74.00 | -23.90 | peak |
| 5 | 10520.000 | 11.07 | 39.04 | 53.41 | 53.36 | 50.06 | 68.20 | -18.14 | peak |
| 6 | 15780.000 | 13.51 | 38.93 | 53.31 | 54.26 | 53.39 | 74.00 | -20.61 | peak |



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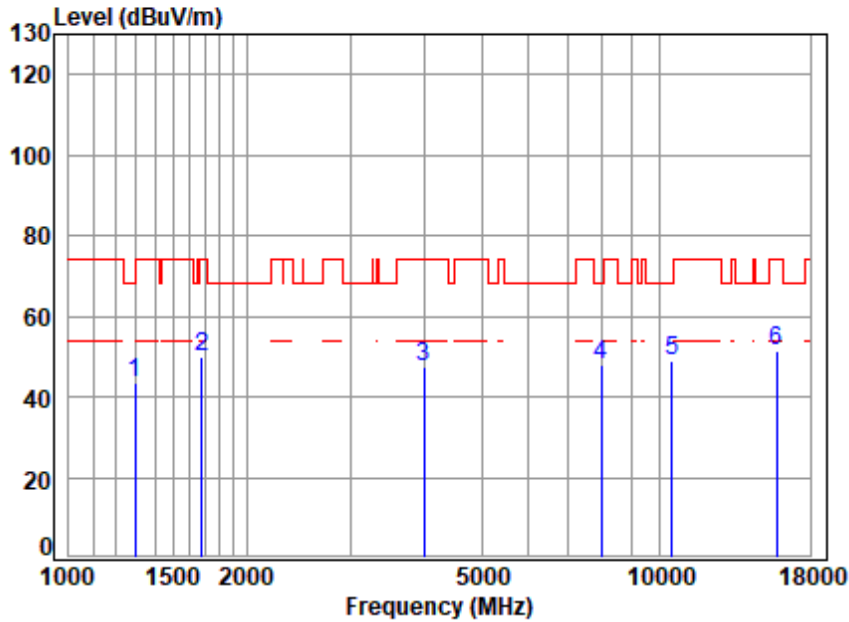
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 05; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5260 TX RSE
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 1297.103 | 3.36 | 24.25 | 52.73 | 68.82 | 43.70 | 68.20 | -24.50 peak |
| 2 | 1677.621 | 4.15 | 24.96 | 52.95 | 73.65 | 49.81 | 74.00 | -24.19 peak |
| 3 | 3992.781 | 7.48 | 29.49 | 52.80 | 63.50 | 47.67 | 74.00 | -26.33 peak |
| 4 | 7989.893 | 9.41 | 36.20 | 53.60 | 55.92 | 47.93 | 68.20 | -20.27 peak |
| 5 | 10520.000 | 11.07 | 39.04 | 53.41 | 52.11 | 48.81 | 68.20 | -19.39 peak |
| 6 | 15780.000 | 13.51 | 38.93 | 53.31 | 52.28 | 51.41 | 74.00 | -22.59 peak |



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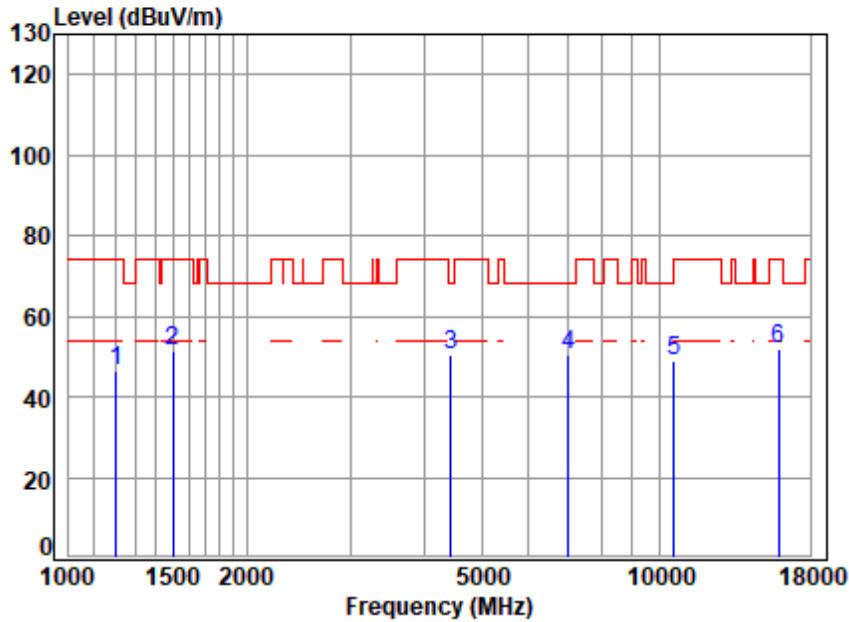
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5300 TX RSE
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 1203.199 | 3.16 | 24.30 | 52.66 | 71.56 | 46.36 | 74.00 | -27.64 peak |
| 2 | 1498.781 | 3.77 | 24.51 | 52.85 | 76.01 | 51.44 | 74.00 | -22.56 peak |
| 3 | 4430.628 | 7.47 | 30.11 | 52.94 | 66.02 | 50.66 | 68.20 | -17.54 peak |
| 4 | 7015.420 | 8.20 | 35.82 | 53.50 | 59.71 | 50.23 | 68.20 | -17.97 peak |
| 5 | 10600.000 | 11.12 | 39.13 | 53.44 | 52.03 | 48.84 | 68.20 | -19.36 peak |
| 6 | 15900.000 | 13.51 | 38.53 | 53.25 | 53.35 | 52.14 | 74.00 | -21.86 peak |



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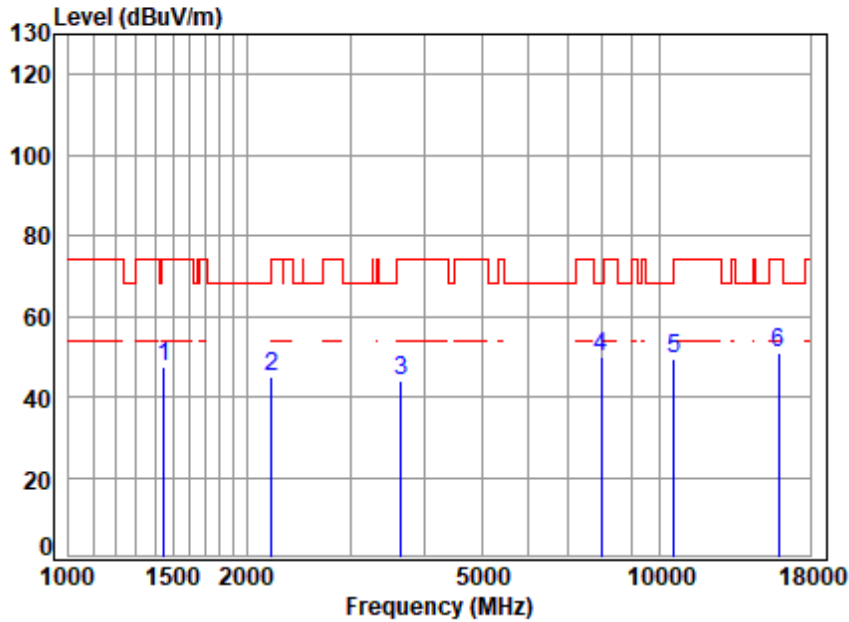
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

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Report No.: FYCR221100047404

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Test Mode: 05; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5300 TX RSE
 Note : 5G WIFI 11AC20

| | Cable | Ant | Preamp | Read | Limit | Over | | |
|------|-----------|--------|--------|-------|--------|--------|-------|-------------|
| Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1451.878 | 3.68 | 24.36 | 52.82 | 72.47 | 47.69 | 74.00 | -26.31 peak |
| 2 | 2207.723 | 4.92 | 26.73 | 53.10 | 66.31 | 44.86 | 74.00 | -29.14 Peak |
| 3 | 3650.582 | 7.15 | 28.95 | 52.90 | 60.68 | 43.88 | 74.00 | -30.12 peak |
| 4 | 7989.893 | 9.41 | 36.20 | 53.60 | 57.92 | 49.93 | 68.20 | -18.27 peak |
| 5 | 10600.000 | 11.12 | 39.13 | 53.44 | 52.43 | 49.24 | 68.20 | -18.96 peak |
| 6 | 15900.000 | 13.51 | 38.53 | 53.25 | 52.28 | 51.07 | 74.00 | -22.93 peak |



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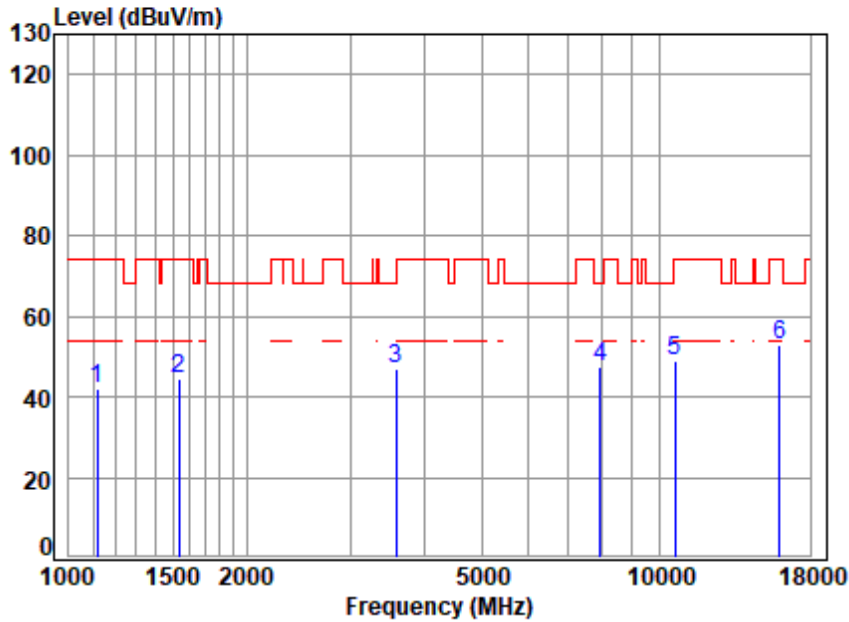
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

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Report No.: FYCR221100047404

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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5320 TX RSE
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 1119.323 | 2.95 | 24.22 | 52.60 | 67.66 | 42.23 | 74.00 | -31.77 peak |
| 2 | 1538.281 | 3.86 | 24.62 | 52.87 | 69.12 | 44.73 | 74.00 | -29.27 peak |
| 3 | 3587.818 | 7.08 | 28.85 | 52.91 | 64.10 | 47.12 | 68.20 | -21.08 peak |
| 4 | 7943.838 | 9.32 | 36.22 | 53.59 | 55.37 | 47.32 | 68.20 | -20.88 peak |
| 5 | 10640.000 | 11.15 | 39.18 | 53.46 | 52.20 | 49.07 | 74.00 | -24.93 peak |
| 6 | 15960.000 | 13.52 | 38.33 | 53.22 | 54.04 | 52.67 | 74.00 | -21.33 peak |



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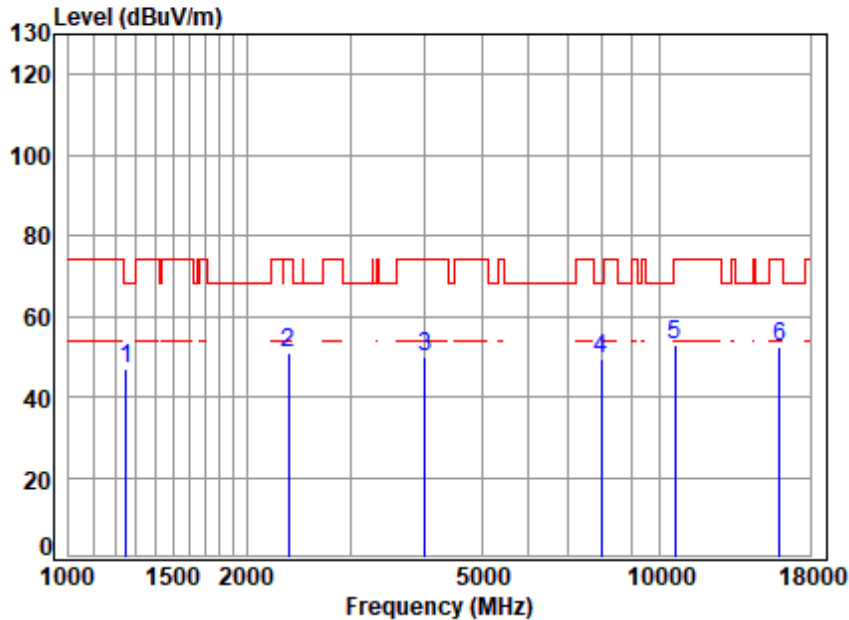
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

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Report No.: FYCR221100047404

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Test Mode: 05; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5320 TX RSE
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1249.269 | 3.26 | 24.27 | 52.69 | 71.96 | 46.80 | 68.20 | -21.40 | peak |
| 2 | 2352.668 | 5.03 | 27.07 | 53.10 | 72.00 | 51.00 | 74.00 | -23.00 | Peak |
| 3 | 4004.339 | 7.49 | 29.51 | 52.80 | 65.85 | 50.05 | 74.00 | -23.95 | peak |
| 4 | 7989.893 | 9.41 | 36.20 | 53.60 | 57.23 | 49.24 | 68.20 | -18.96 | peak |
| 5 | 10640.000 | 11.15 | 39.18 | 53.46 | 56.20 | 53.07 | 74.00 | -20.93 | peak |
| 6 | 15960.000 | 13.52 | 38.33 | 53.22 | 53.74 | 52.37 | 74.00 | -21.63 | peak |



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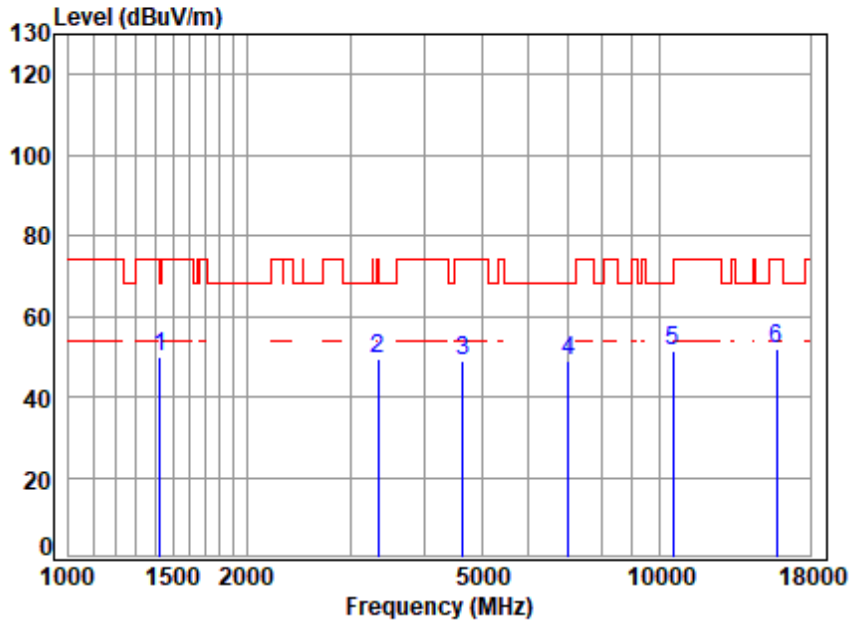
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5270 TX RSE
 Note : 5G WIFI 11AC40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1426.916 | 3.63 | 24.29 | 52.81 | 75.06 | 50.17 | 74.00 | -23.83 | peak |
| 2 | 3347.371 | 6.62 | 28.67 | 52.99 | 66.89 | 49.19 | 74.00 | -24.81 | peak |
| 3 | 4640.339 | 7.71 | 30.55 | 53.00 | 63.52 | 48.78 | 74.00 | -25.22 | Peak |
| 4 | 7015.420 | 8.20 | 35.82 | 53.50 | 58.60 | 49.12 | 68.20 | -19.08 | peak |
| 5 | 10540.000 | 11.08 | 39.06 | 53.42 | 54.53 | 51.25 | 68.20 | -16.95 | peak |
| 6 | 15810.000 | 13.51 | 38.83 | 53.29 | 53.00 | 52.05 | 74.00 | -21.95 | peak |



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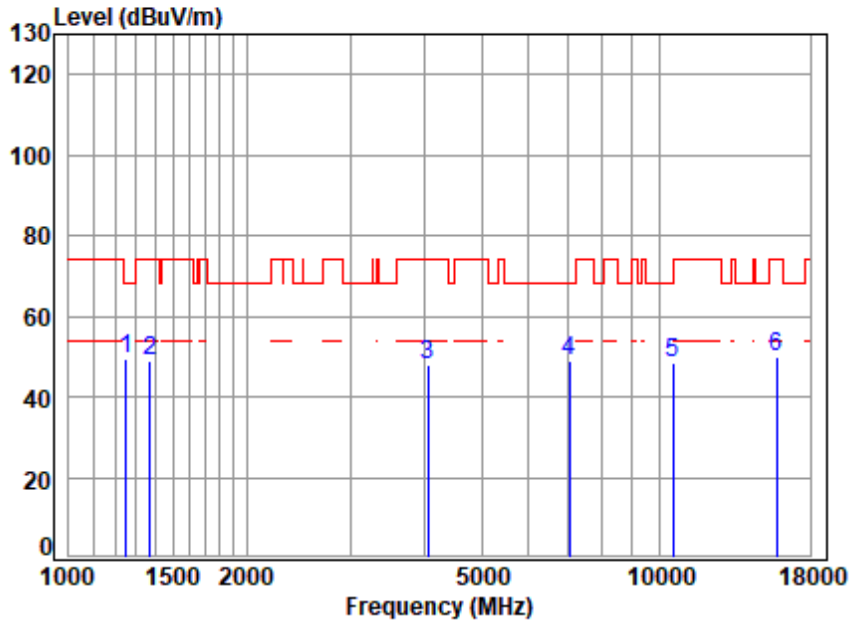
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Test Mode: 05; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5270 TX RSE
 Note : 5G WIFI 11AC40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1249.269 | 3.26 | 24.27 | 52.69 | 74.84 | 49.68 | 68.20 | -18.52 | peak |
| 2 | 1374.295 | 3.53 | 24.21 | 52.78 | 73.94 | 48.90 | 74.00 | -25.10 | peak |
| 3 | 4062.629 | 7.49 | 29.59 | 52.82 | 63.47 | 47.73 | 74.00 | -26.27 | peak |
| 4 | 7035.727 | 8.21 | 35.84 | 53.50 | 58.62 | 49.17 | 68.20 | -19.03 | peak |
| 5 | 10540.000 | 11.08 | 39.06 | 53.42 | 51.53 | 48.25 | 68.20 | -19.95 | peak |
| 6 | 15810.000 | 13.51 | 38.83 | 53.29 | 51.00 | 50.05 | 74.00 | -23.95 | peak |



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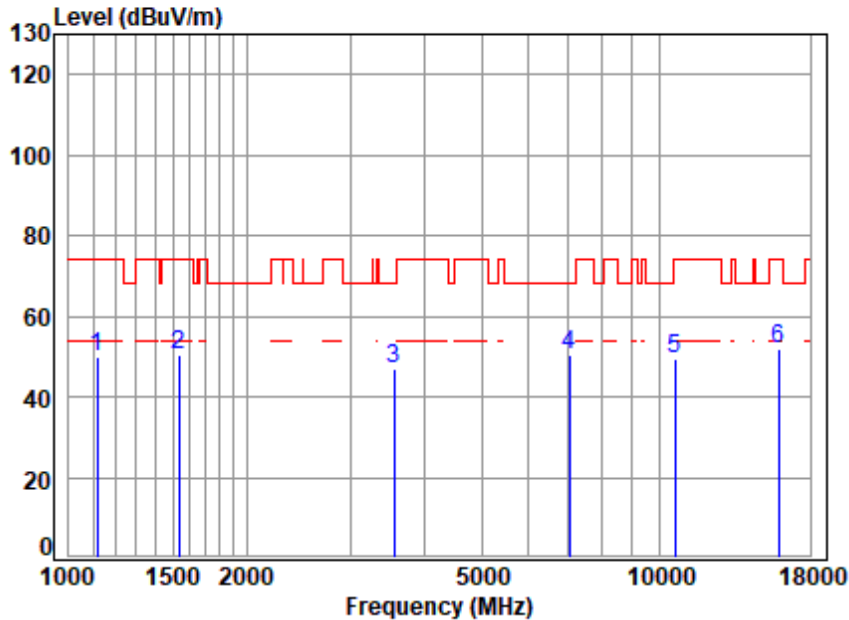
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5310 TX RSE
 Note : 5G WIFI 11AC40

| | Cable | Ant | Preamp | Read | Limit | Over | | |
|------|-----------|--------|--------|-------|--------|--------|-------|-------------|
| Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1116.093 | 2.95 | 24.22 | 52.60 | 75.41 | 49.98 | 74.00 | -24.02 peak |
| 2 | 1533.841 | 3.85 | 24.61 | 52.87 | 74.95 | 50.54 | 74.00 | -23.46 peak |
| 3 | 3556.843 | 7.05 | 28.80 | 52.92 | 64.12 | 47.05 | 68.20 | -21.15 peak |
| 4 | 7035.727 | 8.21 | 35.84 | 53.50 | 59.62 | 50.17 | 68.20 | -18.03 peak |
| 5 | 10620.000 | 11.13 | 39.16 | 53.45 | 52.76 | 49.60 | 74.00 | -24.40 peak |
| 6 | 15930.000 | 13.52 | 38.43 | 53.23 | 52.96 | 51.68 | 74.00 | -22.32 peak |



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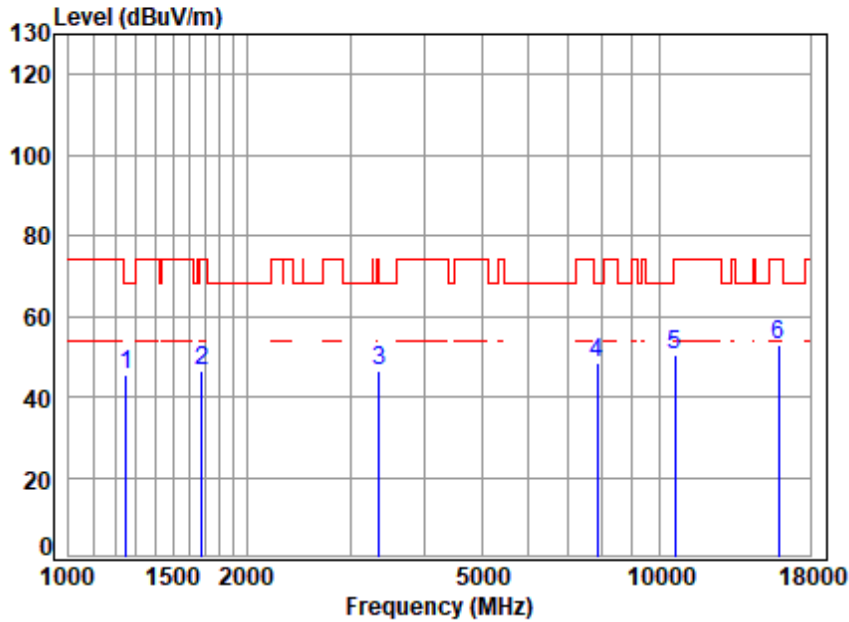
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 05; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5310 TX RSE
 Note : 5G WIFI 11AC40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 1249.269 | 3.26 | 24.27 | 52.69 | 70.84 | 45.68 | 68.20 | -22.52 peak |
| 2 | 1677.621 | 4.15 | 24.96 | 52.95 | 70.41 | 46.57 | 74.00 | -27.43 peak |
| 3 | 3357.061 | 6.65 | 28.67 | 52.98 | 64.35 | 46.69 | 74.00 | -27.31 peak |
| 4 | 7852.524 | 9.14 | 36.26 | 53.59 | 56.42 | 48.23 | 68.20 | -19.97 peak |
| 5 | 10620.000 | 11.13 | 39.16 | 53.45 | 53.76 | 50.60 | 74.00 | -23.40 peak |
| 6 | 15930.000 | 13.52 | 38.43 | 53.23 | 53.96 | 52.68 | 74.00 | -21.32 peak |



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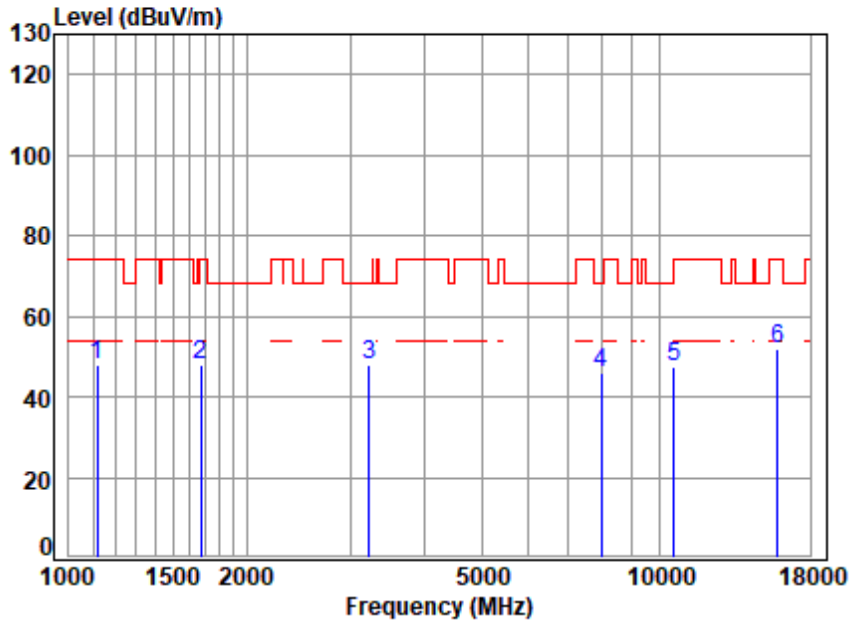
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5290 TX RSE
 Note : 5G WIFI 11AC80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1116.093 | 2.95 | 24.22 | 52.60 | 73.41 | 47.98 | 74.00 | -26.02 | peak |
| 2 | 1672.779 | 4.14 | 24.95 | 52.95 | 71.74 | 47.88 | 74.00 | -26.12 | peak |
| 3 | 3223.928 | 6.31 | 28.65 | 53.02 | 66.18 | 48.12 | 68.20 | -20.08 | peak |
| 4 | 7989.893 | 9.41 | 36.20 | 53.60 | 53.81 | 45.82 | 68.20 | -22.38 | peak |
| 5 | 10580.000 | 11.11 | 39.11 | 53.44 | 50.82 | 47.60 | 68.20 | -20.60 | peak |
| 6 | 15870.000 | 13.51 | 38.63 | 53.26 | 53.17 | 52.05 | 74.00 | -21.95 | peak |



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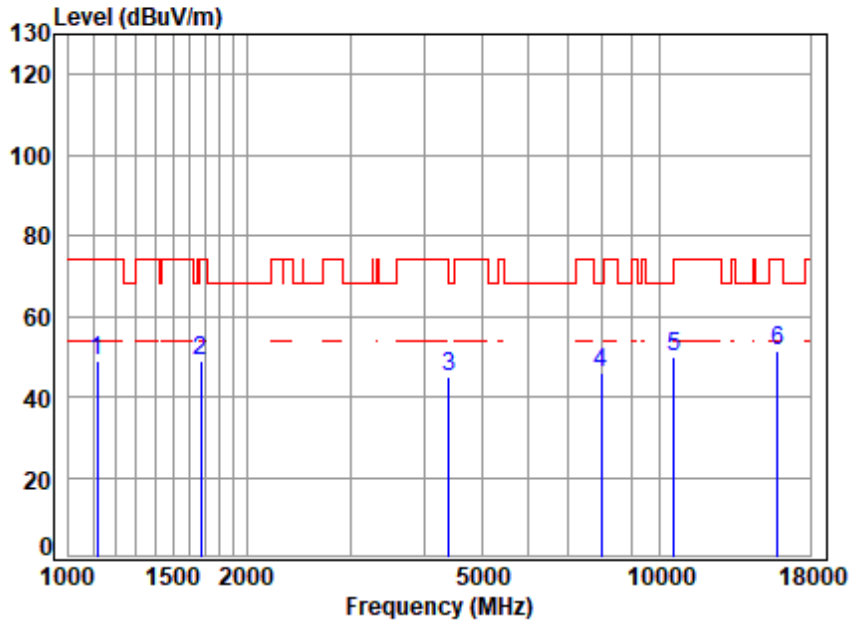
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 05; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5290 TX RSE
 Note : 5G WIFI 11AC80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1116.093 | 2.95 | 24.22 | 52.60 | 74.14 | 48.71 | 74.00 | -25.29 | peak |
| 2 | 1672.779 | 4.14 | 24.95 | 52.95 | 72.75 | 48.89 | 74.00 | -25.11 | peak |
| 3 | 4405.090 | 7.47 | 30.07 | 52.93 | 60.50 | 45.11 | 68.20 | -23.09 | peak |
| 4 | 7966.832 | 9.37 | 36.21 | 53.60 | 54.02 | 46.00 | 68.20 | -22.20 | peak |
| 5 | 10580.000 | 11.11 | 39.11 | 53.44 | 53.15 | 49.93 | 68.20 | -18.27 | peak |
| 6 | 15870.000 | 13.51 | 38.63 | 53.26 | 52.62 | 51.50 | 74.00 | -22.50 | peak |



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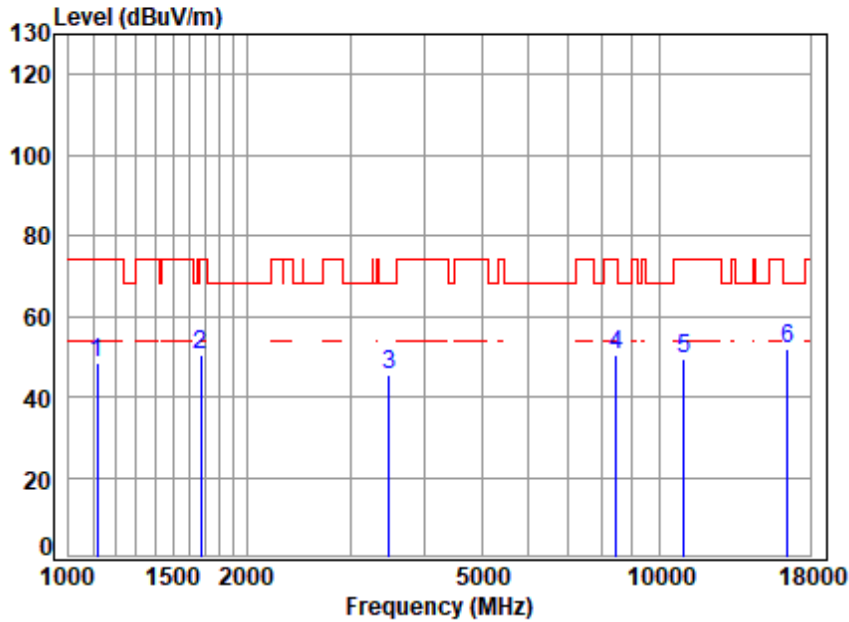
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 06; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5500 TX RSE
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1116.093 | 2.95 | 24.22 | 52.60 | 73.70 | 48.27 | 74.00 | -25.73 | peak |
| 2 | 1672.779 | 4.14 | 24.95 | 52.95 | 74.32 | 50.46 | 74.00 | -23.54 | peak |
| 3 | 3485.601 | 6.96 | 28.70 | 52.94 | 62.55 | 45.27 | 68.20 | -22.93 | peak |
| 4 | 8465.379 | 9.65 | 36.15 | 53.89 | 58.62 | 50.53 | 74.00 | -23.47 | peak |
| 5 | 11000.000 | 11.36 | 39.60 | 53.60 | 52.30 | 49.66 | 74.00 | -24.34 | peak |
| 6 | 16500.000 | 14.69 | 39.93 | 52.90 | 50.20 | 51.92 | 68.20 | -16.28 | peak |



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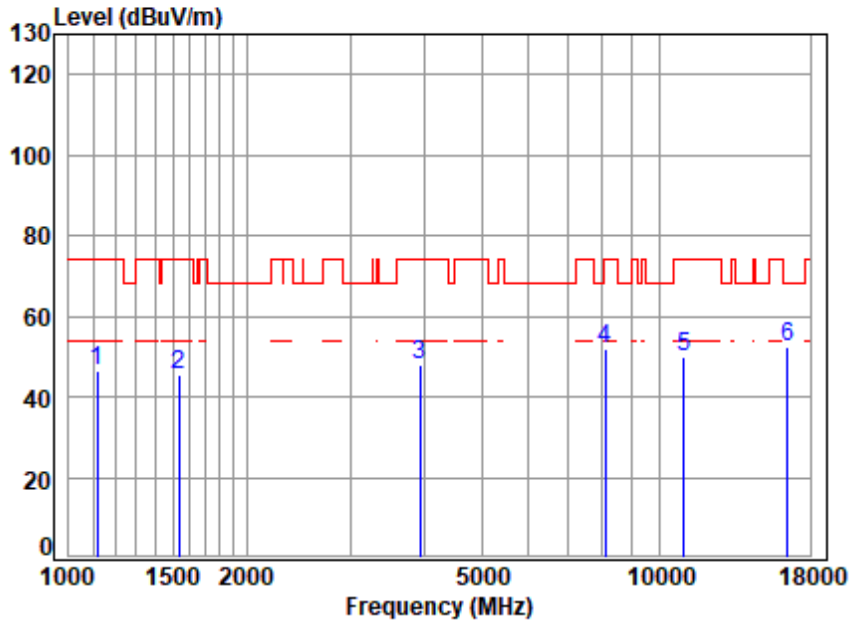
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

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Test Mode: 06; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5500 TX RSE
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1119.323 | 2.95 | 24.22 | 52.60 | 71.82 | 46.39 | 74.00 | -27.61 | peak |
| 2 | 1538.281 | 3.86 | 24.62 | 52.87 | 69.69 | 45.30 | 74.00 | -28.70 | peak |
| 3 | 3935.493 | 7.43 | 29.40 | 52.82 | 63.86 | 47.87 | 74.00 | -26.13 | peak |
| 4 | 8106.200 | 9.48 | 36.19 | 53.67 | 59.92 | 51.92 | 74.00 | -22.08 | peak |
| 5 | 11000.000 | 11.36 | 39.60 | 53.60 | 52.80 | 50.16 | 74.00 | -23.84 | peak |
| 6 | 16500.000 | 14.69 | 39.93 | 52.90 | 50.57 | 52.29 | 68.20 | -15.91 | peak |



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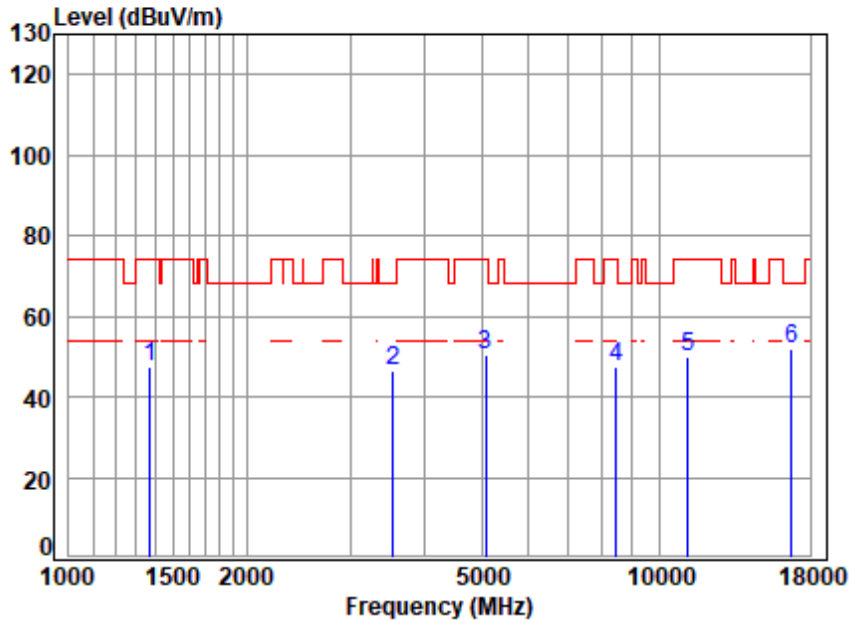
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Report No.: FYCR221100047404

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Test Mode: 06; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5580 TX RSE
 Note : 5G WIFI 11A

| | Cable | Ant | Preamp | Read | Limit | Over | | |
|------|-------|--------|--------|-------|--------|--------|--------|--------|
| Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 3.53 | 24.21 | 52.78 | 72.34 | 47.30 | 74.00 | -26.70 | peak |
| 2 | 7.03 | 28.76 | 52.93 | 63.52 | 46.38 | 68.20 | -21.82 | peak |
| 3 | 8.29 | 31.62 | 53.07 | 63.53 | 50.37 | 74.00 | -23.63 | Peak |
| 4 | 9.65 | 36.15 | 53.89 | 55.62 | 47.53 | 74.00 | -26.47 | peak |
| 5 | 11.44 | 39.63 | 53.67 | 52.61 | 50.01 | 74.00 | -23.99 | peak |
| 6 | 14.50 | 40.74 | 52.75 | 49.49 | 51.98 | 68.20 | -16.22 | peak |



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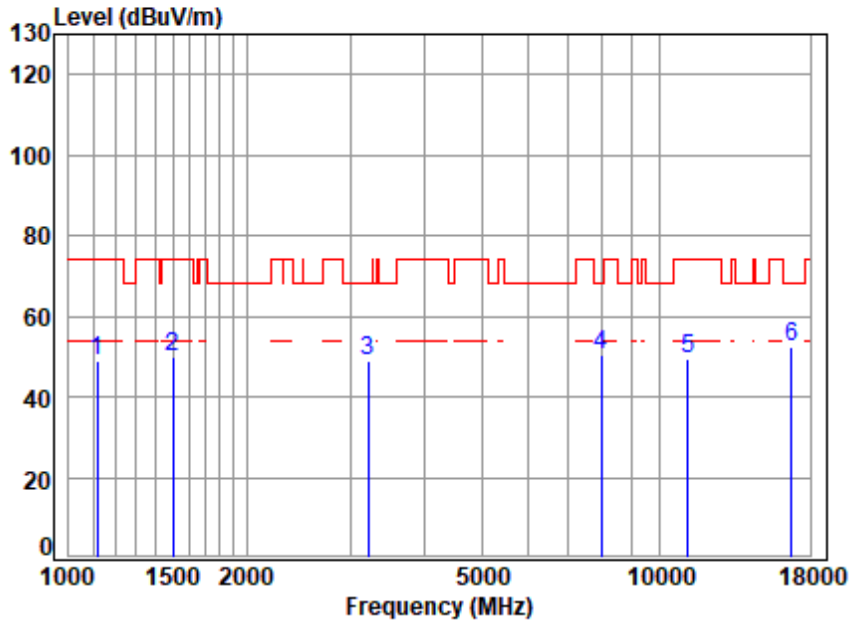
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Test Mode: 06; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5580 TX RSE
 Note : 5G WIFI 11A

| | Cable | Ant | Preamp | Read | Limit | Over | | |
|------|-----------|--------|--------|-------|--------|--------|-------|-------------|
| Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1119.323 | 2.95 | 24.22 | 52.60 | 74.33 | 48.90 | 74.00 | -25.10 peak |
| 2 | 1498.781 | 3.77 | 24.51 | 52.85 | 74.37 | 49.80 | 74.00 | -24.20 peak |
| 3 | 3214.623 | 6.29 | 28.64 | 53.03 | 67.06 | 48.96 | 68.20 | -19.24 peak |
| 4 | 7989.893 | 9.41 | 36.20 | 53.60 | 58.23 | 50.24 | 68.20 | -17.96 peak |
| 5 | 11160.000 | 11.44 | 39.63 | 53.67 | 52.22 | 49.62 | 74.00 | -24.38 peak |
| 6 | 16740.000 | 14.50 | 40.74 | 52.75 | 49.95 | 52.44 | 68.20 | -15.76 peak |



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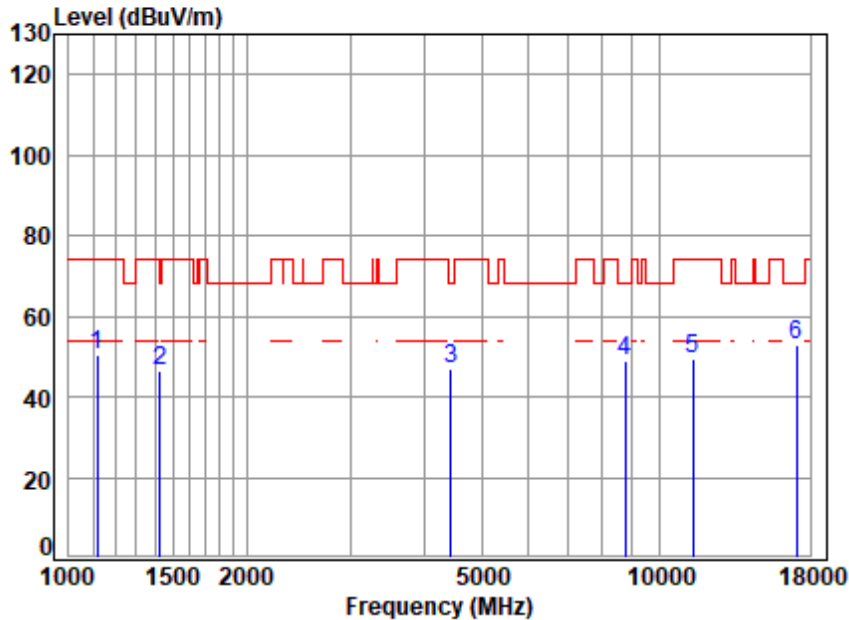
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Report No.: FYCR221100047404

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Test Mode: 06; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5700 TX RSE
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1119.323 | 2.95 | 24.22 | 52.60 | 75.81 | 50.38 | 74.00 | -23.62 | peak |
| 2 | 1426.916 | 3.63 | 24.29 | 52.81 | 71.28 | 46.39 | 74.00 | -27.61 | peak |
| 3 | 4443.453 | 7.47 | 30.12 | 52.94 | 62.07 | 46.72 | 68.20 | -21.48 | peak |
| 4 | 8738.852 | 10.19 | 36.12 | 54.05 | 56.47 | 48.73 | 68.20 | -19.47 | peak |
| 5 | 11400.000 | 11.55 | 39.68 | 53.76 | 51.94 | 49.41 | 74.00 | -24.59 | peak |
| 6 | 17100.000 | 14.34 | 42.14 | 52.54 | 48.74 | 52.68 | 68.20 | -15.52 | peak |



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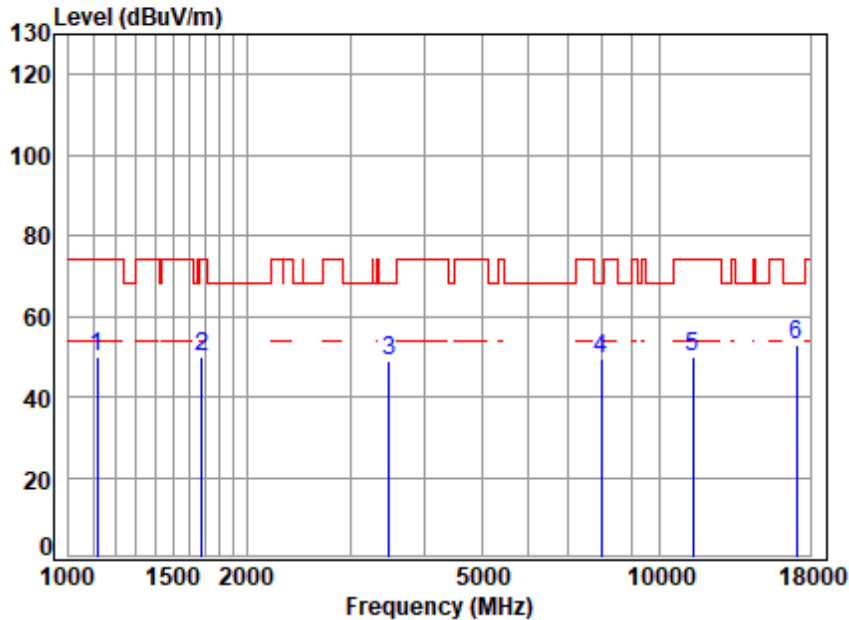
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 06; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5700 TX RSE
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | |
| 1 | 1119.323 | 2.95 | 24.22 | 52.60 | 75.33 | 49.90 | 74.00 | -24.10 peak |
| 2 | 1677.621 | 4.15 | 24.96 | 52.95 | 73.69 | 49.85 | 74.00 | -24.15 peak |
| 3 | 3485.601 | 6.96 | 28.70 | 52.94 | 66.04 | 48.76 | 68.20 | -19.44 peak |
| 4 | 7989.893 | 9.41 | 36.20 | 53.60 | 57.23 | 49.24 | 68.20 | -18.96 peak |
| 5 | 11400.000 | 11.55 | 39.68 | 53.76 | 52.43 | 49.90 | 74.00 | -24.10 peak |
| 6 | 17100.000 | 14.34 | 42.14 | 52.54 | 48.86 | 52.80 | 68.20 | -15.40 peak |



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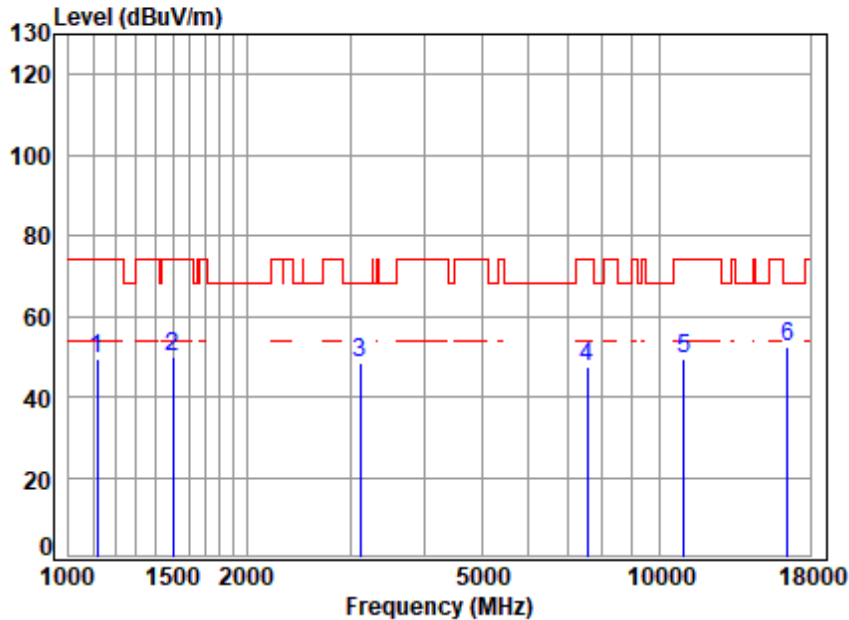
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 06; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5500 TX RSE
 Note : 5G WIFI 11N20

| | Cable | Ant | Preamp | Read | Limit | Over | | |
|------|-------|--------|--------|-------|--------|--------|--------|--------|
| Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 2.95 | 24.22 | 52.60 | 74.81 | 49.38 | 74.00 | -24.62 | peak |
| 2 | 3.77 | 24.51 | 52.85 | 74.61 | 50.04 | 74.00 | -23.96 | peak |
| 3 | 6.03 | 28.62 | 53.06 | 66.79 | 48.38 | 68.20 | -19.82 | peak |
| 4 | 8.51 | 36.38 | 53.56 | 56.37 | 47.70 | 74.00 | -26.30 | peak |
| 5 | 11.36 | 39.60 | 53.60 | 52.29 | 49.65 | 74.00 | -24.35 | peak |
| 6 | 14.69 | 39.93 | 52.90 | 50.62 | 52.34 | 68.20 | -15.86 | peak |



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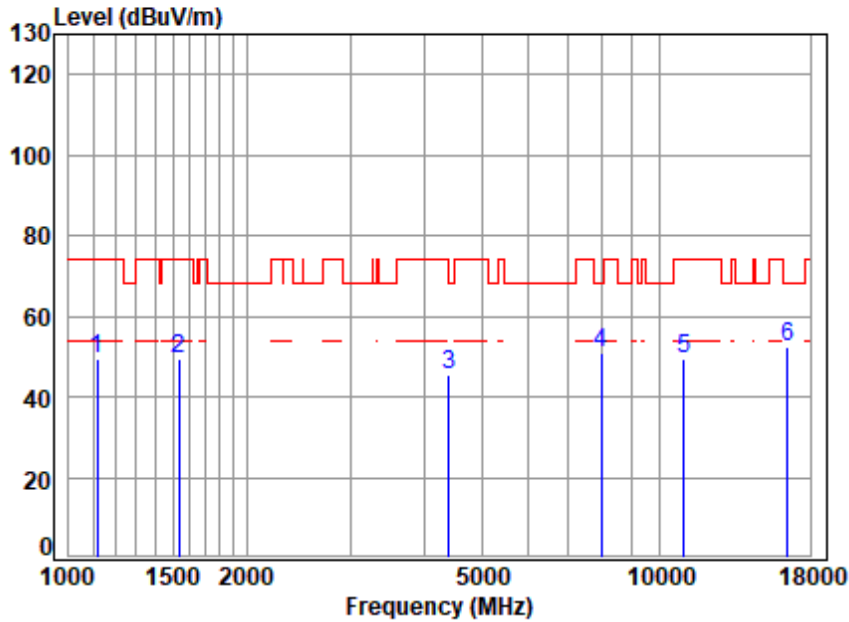
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 06; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5500 TX RSE
 Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 1119.323 | 2.95 | 24.22 | 52.60 | 74.85 | 49.42 | 74.00 | -24.58 peak |
| 2 | 1538.281 | 3.86 | 24.62 | 52.87 | 73.67 | 49.28 | 74.00 | -24.72 peak |
| 3 | 4405.090 | 7.47 | 30.07 | 52.93 | 61.11 | 45.72 | 68.20 | -22.48 peak |
| 4 | 7966.832 | 9.37 | 36.21 | 53.60 | 58.90 | 50.88 | 68.20 | -17.32 peak |
| 5 | 11000.000 | 11.36 | 39.60 | 53.60 | 52.03 | 49.39 | 74.00 | -24.61 peak |
| 6 | 16500.000 | 14.69 | 39.93 | 52.90 | 50.62 | 52.34 | 68.20 | -15.86 peak |



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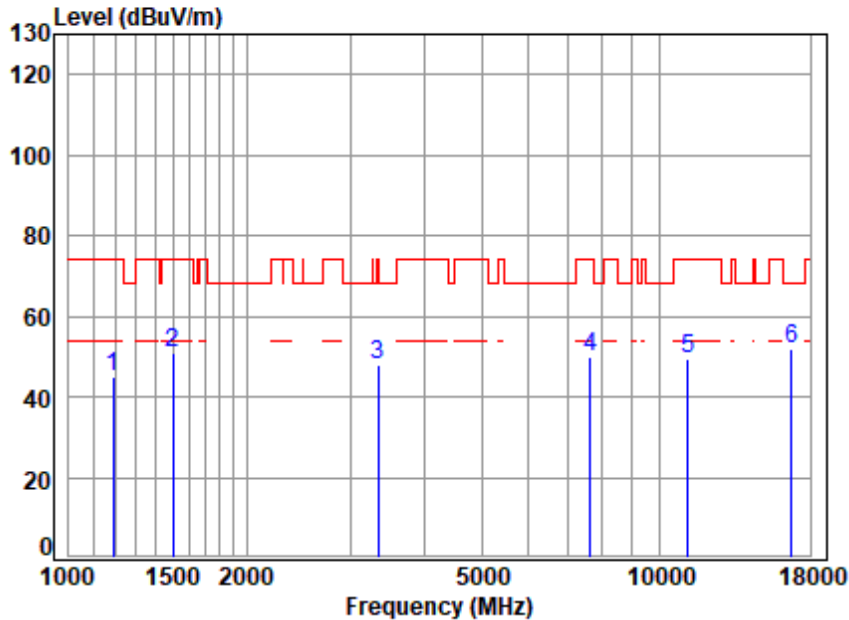
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 06; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5580 TX RSE
 Note : 5G WIFI 11N20

| | Cable | Ant | Preamp | Read | Limit | Over | | |
|------|-------|--------|--------|-------|--------|--------|--------|--------|
| Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 3.12 | 24.29 | 52.65 | 70.18 | 44.94 | 74.00 | -29.06 | peak |
| 2 | 3.78 | 24.52 | 52.85 | 75.47 | 50.92 | 74.00 | -23.08 | peak |
| 3 | 6.60 | 28.67 | 52.99 | 65.72 | 48.00 | 74.00 | -26.00 | peak |
| 4 | 8.69 | 36.35 | 53.56 | 58.50 | 49.98 | 74.00 | -24.02 | peak |
| 5 | 11.44 | 39.63 | 53.67 | 52.10 | 49.50 | 74.00 | -24.50 | peak |
| 6 | 14.50 | 40.74 | 52.75 | 49.54 | 52.03 | 68.20 | -16.17 | peak |



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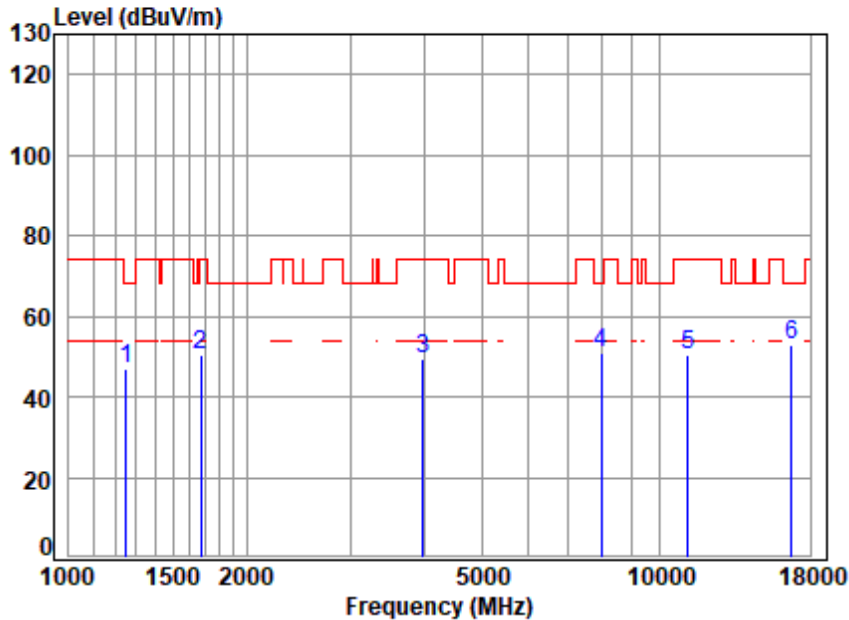
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SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 06; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5580 TX RSE
 Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1249.269 | 3.26 | 24.27 | 52.69 | 72.23 | 47.07 | 68.20 | -21.13 | peak |
| 2 | 1672.779 | 4.14 | 24.95 | 52.95 | 74.49 | 50.63 | 74.00 | -23.37 | peak |
| 3 | 3981.257 | 7.47 | 29.47 | 52.80 | 65.53 | 49.67 | 74.00 | -24.33 | peak |
| 4 | 7966.832 | 9.37 | 36.21 | 53.60 | 58.90 | 50.88 | 68.20 | -17.32 | peak |
| 5 | 11160.000 | 11.44 | 39.63 | 53.67 | 53.10 | 50.50 | 74.00 | -23.50 | peak |
| 6 | 16740.000 | 14.50 | 40.74 | 52.75 | 50.54 | 53.03 | 68.20 | -15.17 | peak |



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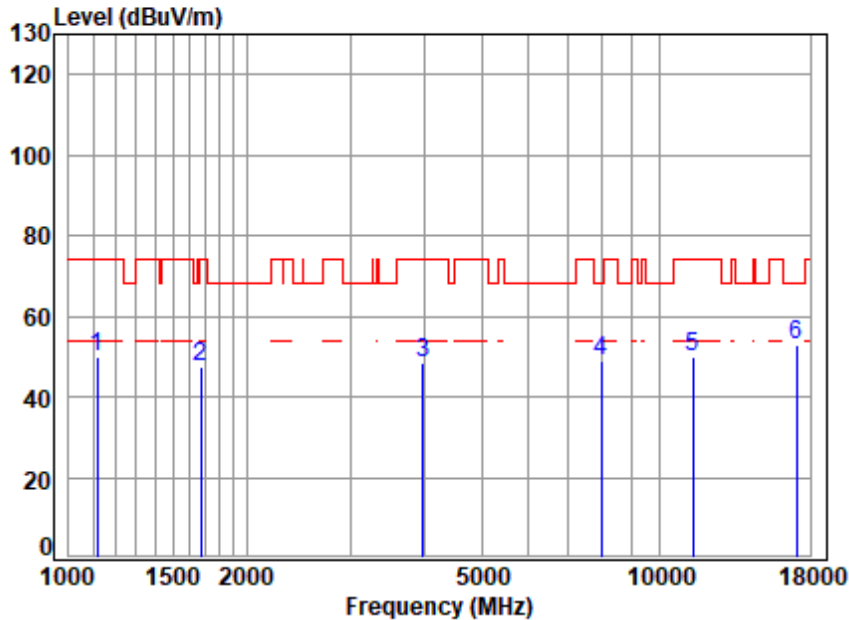
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SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 06; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5700 TX RSE
 Note : 5G WIFI 11N20

| | Cable | Ant | Preamp | Read | Limit | Over | | |
|------|-------|--------|--------|-------|--------|--------|--------|--------|
| Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 2.95 | 24.22 | 52.60 | 75.55 | 50.12 | 74.00 | -23.88 | peak |
| 2 | 4.14 | 24.95 | 52.95 | 71.49 | 47.63 | 74.00 | -26.37 | peak |
| 3 | 7.47 | 29.47 | 52.80 | 64.53 | 48.67 | 74.00 | -25.33 | peak |
| 4 | 9.37 | 36.21 | 53.60 | 56.90 | 48.88 | 68.20 | -19.32 | peak |
| 5 | 11.55 | 39.68 | 53.76 | 52.64 | 50.11 | 74.00 | -23.89 | peak |
| 6 | 14.34 | 42.14 | 52.54 | 48.74 | 52.68 | 68.20 | -15.52 | peak |



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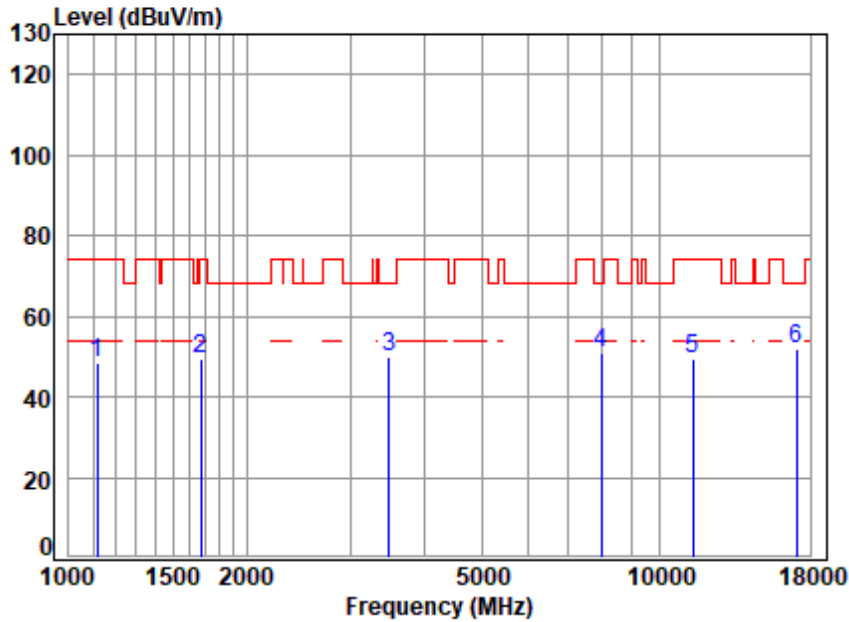
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SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 06; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5700 TX RSE
 Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1119.323 | 2.95 | 24.22 | 52.60 | 73.85 | 48.42 | 74.00 | -25.58 | peak |
| 2 | 1672.779 | 4.14 | 24.95 | 52.95 | 73.49 | 49.63 | 74.00 | -24.37 | peak |
| 3 | 3485.601 | 6.96 | 28.70 | 52.94 | 67.44 | 50.16 | 68.20 | -18.04 | peak |
| 4 | 7989.893 | 9.41 | 36.20 | 53.60 | 58.66 | 50.67 | 68.20 | -17.53 | peak |
| 5 | 11400.000 | 11.55 | 39.68 | 53.76 | 51.77 | 49.24 | 74.00 | -24.76 | peak |
| 6 | 17100.000 | 14.34 | 42.14 | 52.54 | 47.74 | 51.68 | 68.20 | -16.52 | peak |



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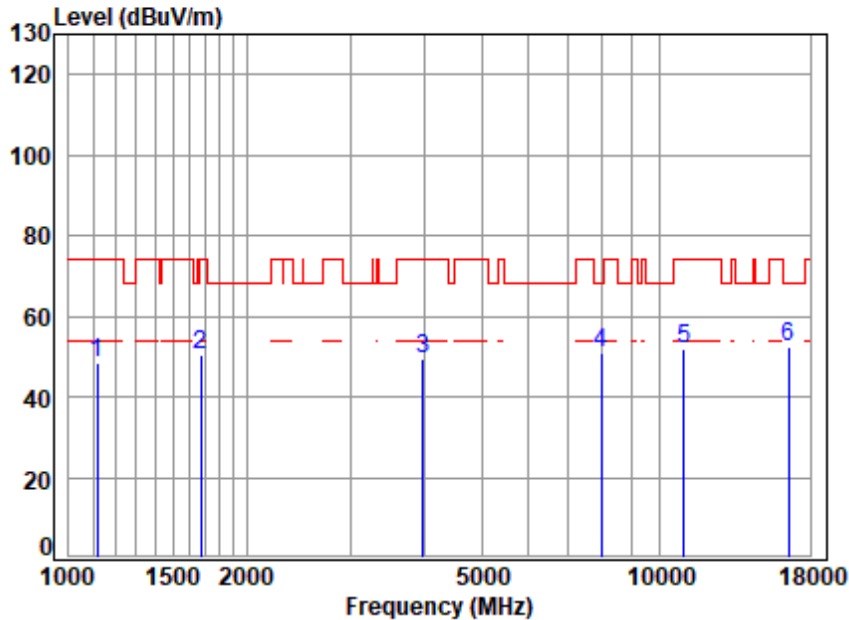
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Test Mode: 06; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5510 TX RSE
 Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1119.323 | 2.95 | 24.22 | 52.60 | 73.85 | 48.42 | 74.00 | -25.58 | peak |
| 2 | 1672.779 | 4.14 | 24.95 | 52.95 | 74.49 | 50.63 | 74.00 | -23.37 | peak |
| 3 | 3981.257 | 7.47 | 29.47 | 52.80 | 65.53 | 49.67 | 74.00 | -24.33 | peak |
| 4 | 7989.893 | 9.41 | 36.20 | 53.60 | 58.66 | 50.67 | 68.20 | -17.53 | peak |
| 5 | 11020.000 | 11.37 | 39.60 | 53.61 | 54.44 | 51.80 | 74.00 | -22.20 | peak |
| 6 | 16530.000 | 14.67 | 40.03 | 52.88 | 50.49 | 52.31 | 68.20 | -15.89 | peak |



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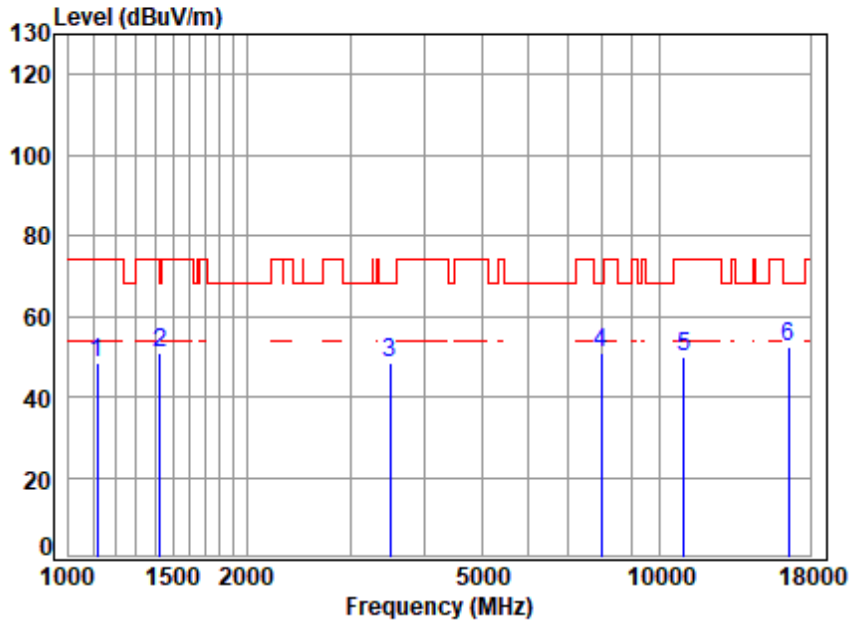
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 06; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5510 TX RSE
 Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1119.323 | 2.95 | 24.22 | 52.60 | 73.85 | 48.42 | 74.00 | -25.58 | peak |
| 2 | 1426.916 | 3.63 | 24.29 | 52.81 | 75.78 | 50.89 | 74.00 | -23.11 | peak |
| 3 | 3505.809 | 7.00 | 28.71 | 52.94 | 65.49 | 48.26 | 68.20 | -19.94 | peak |
| 4 | 7989.893 | 9.41 | 36.20 | 53.60 | 58.66 | 50.67 | 68.20 | -17.53 | peak |
| 5 | 11020.000 | 11.37 | 39.60 | 53.61 | 52.44 | 49.80 | 74.00 | -24.20 | peak |
| 6 | 16530.000 | 14.67 | 40.03 | 52.88 | 50.49 | 52.31 | 68.20 | -15.89 | peak |



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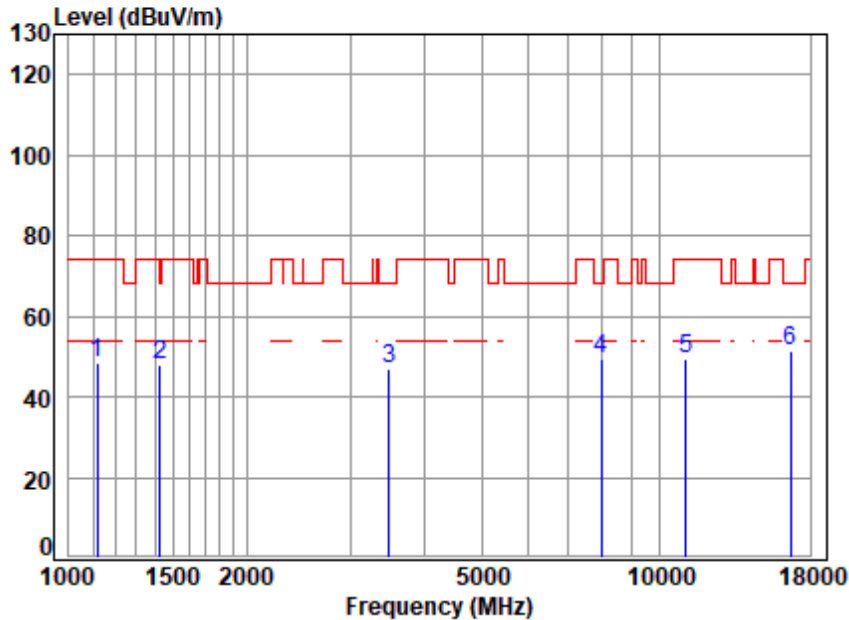
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 06; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:middle



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5550 TX RSE
 Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 1119.323 | 2.95 | 24.22 | 52.60 | 73.85 | 48.42 | 74.00 | -25.58 peak |
| 2 | 1426.916 | 3.63 | 24.29 | 52.81 | 72.78 | 47.89 | 74.00 | -26.11 peak |
| 3 | 3485.601 | 6.96 | 28.70 | 52.94 | 64.44 | 47.16 | 68.20 | -21.04 peak |
| 4 | 7989.893 | 9.41 | 36.20 | 53.60 | 57.66 | 49.67 | 68.20 | -18.53 peak |
| 5 | 11100.000 | 11.41 | 39.62 | 53.64 | 52.05 | 49.44 | 74.00 | -24.56 peak |
| 6 | 16650.000 | 14.57 | 40.43 | 52.81 | 49.32 | 51.51 | 68.20 | -16.69 peak |



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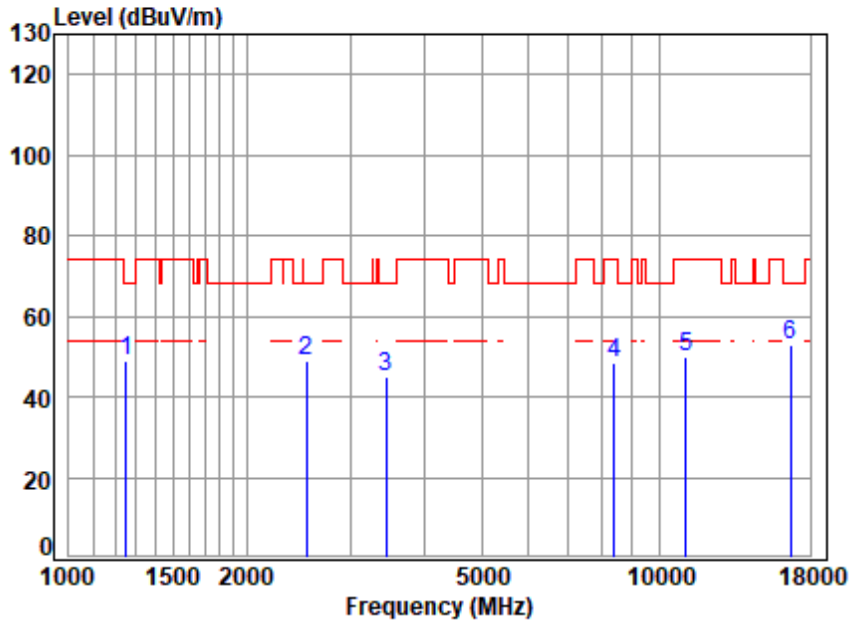
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 06; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:middle



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5550 TX RSE
 Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit | Over | Remark |
|---|-----------|------------|------------|---------------|------------|--------|--------|--------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1249.269 | 3.26 | 24.27 | 52.69 | 74.09 | 48.93 | 68.20 | -19.27 | peak |
| 2 | 2521.664 | 5.16 | 27.46 | 53.10 | 69.35 | 48.87 | 68.20 | -19.33 | Peak |
| 3 | 3445.535 | 6.86 | 28.69 | 52.96 | 62.56 | 45.15 | 68.20 | -23.05 | peak |
| 4 | 8392.292 | 9.62 | 36.16 | 53.84 | 56.43 | 48.37 | 74.00 | -25.63 | peak |
| 5 | 11100.000 | 11.41 | 39.62 | 53.64 | 52.36 | 49.75 | 74.00 | -24.25 | peak |
| 6 | 16650.000 | 14.57 | 40.43 | 52.81 | 50.48 | 52.67 | 68.20 | -15.53 | peak |



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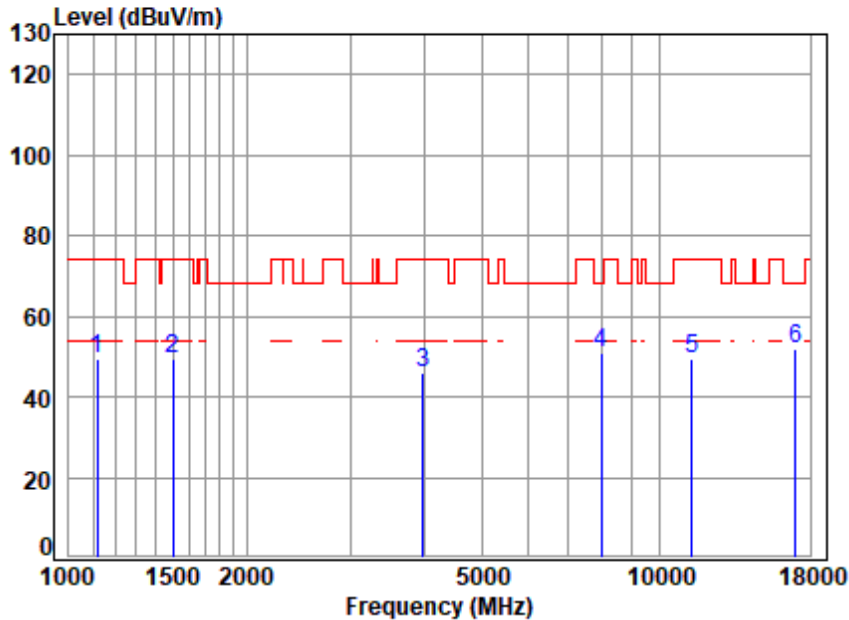
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 06; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5670 TX RSE
 Note : 5G WIFI 11N40

| | Cable | Ant | Preamp | Read | Limit | Over | | |
|------|-----------|--------|--------|-------|--------|--------|-------|-------------|
| Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1116.093 | 2.95 | 24.22 | 52.60 | 74.76 | 49.33 | 74.00 | -24.67 peak |
| 2 | 1498.781 | 3.77 | 24.51 | 52.85 | 74.14 | 49.57 | 74.00 | -24.43 peak |
| 3 | 3981.257 | 7.47 | 29.47 | 52.80 | 61.93 | 46.07 | 74.00 | -27.93 peak |
| 4 | 7966.832 | 9.37 | 36.21 | 53.60 | 59.03 | 51.01 | 68.20 | -17.19 peak |
| 5 | 11340.000 | 11.52 | 39.67 | 53.74 | 51.74 | 49.19 | 74.00 | -24.81 peak |
| 6 | 17010.000 | 14.30 | 41.65 | 52.59 | 48.61 | 51.97 | 68.20 | -16.23 peak |



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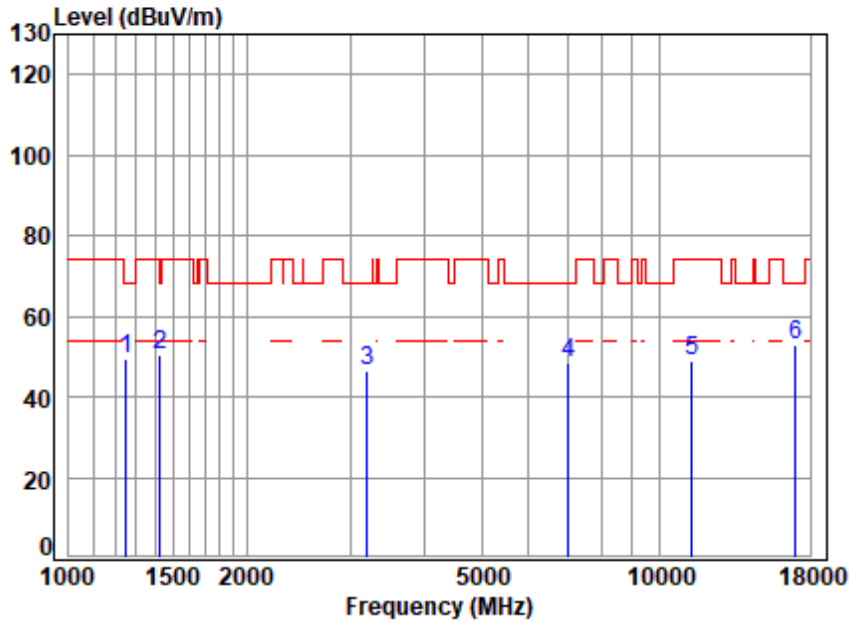
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

Page: 103 of 591

Test Mode: 06; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5670 TX RSE
 Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1249.269 | 3.26 | 24.27 | 52.69 | 74.50 | 49.34 | 68.20 | -18.86 | peak |
| 2 | 1426.916 | 3.63 | 24.29 | 52.81 | 75.24 | 50.35 | 74.00 | -23.65 | peak |
| 3 | 3205.345 | 6.27 | 28.64 | 53.03 | 64.65 | 46.53 | 68.20 | -21.67 | peak |
| 4 | 7015.420 | 8.20 | 35.82 | 53.50 | 58.13 | 48.65 | 68.20 | -19.55 | peak |
| 5 | 11340.000 | 11.52 | 39.67 | 53.74 | 51.48 | 48.93 | 74.00 | -25.07 | peak |
| 6 | 17010.000 | 14.30 | 41.65 | 52.59 | 49.29 | 52.65 | 68.20 | -15.55 | peak |



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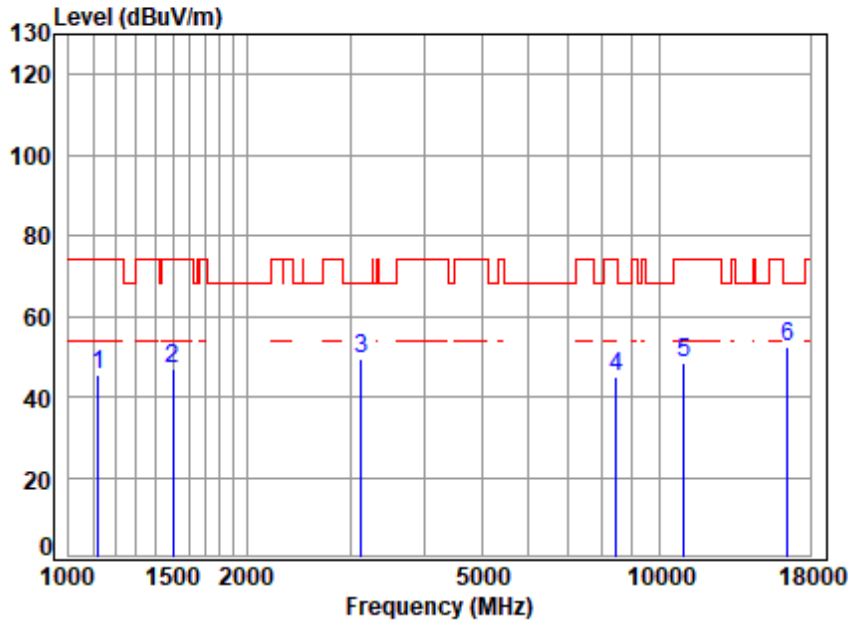
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 06; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5500 TX RSE
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1122.563 | 2.96 | 24.23 | 52.60 | 70.97 | 45.56 | 74.00 | -28.44 | peak |
| 2 | 1503.119 | 3.78 | 24.52 | 52.85 | 71.74 | 47.19 | 74.00 | -26.81 | peak |
| 3 | 3132.079 | 6.07 | 28.63 | 53.06 | 67.70 | 49.34 | 68.20 | -18.86 | peak |
| 4 | 8440.945 | 9.64 | 36.15 | 53.87 | 53.11 | 45.03 | 74.00 | -28.97 | peak |
| 5 | 11000.000 | 11.36 | 39.60 | 53.60 | 51.08 | 48.44 | 74.00 | -25.56 | peak |
| 6 | 16500.000 | 14.69 | 39.93 | 52.90 | 50.85 | 52.57 | 68.20 | -15.63 | peak |



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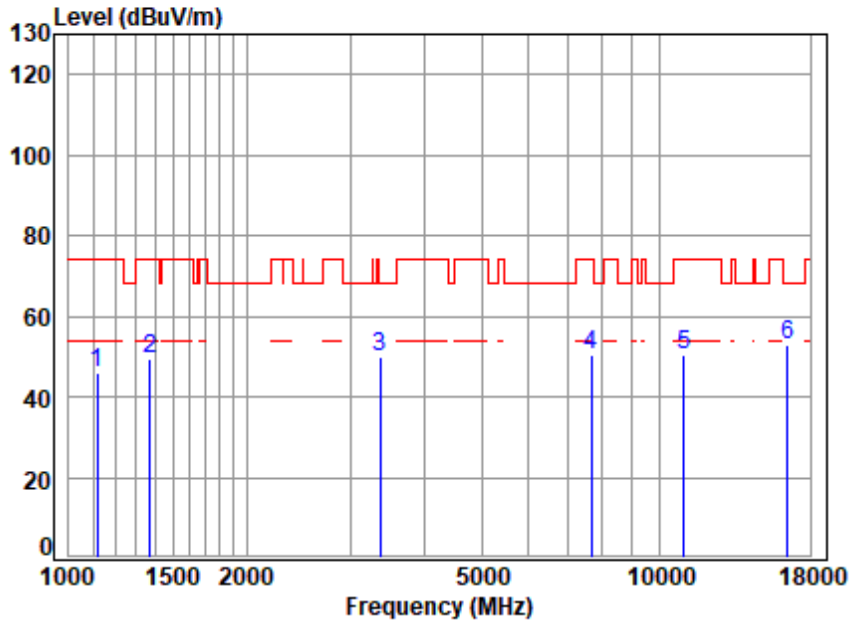
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SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 06; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5500 TX RSE
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1119.323 | 2.95 | 24.22 | 52.60 | 71.62 | 46.19 | 74.00 | -27.81 | peak |
| 2 | 1374.295 | 3.53 | 24.21 | 52.78 | 74.59 | 49.55 | 74.00 | -24.45 | peak |
| 3 | 3366.778 | 6.67 | 28.67 | 52.98 | 67.38 | 49.74 | 68.20 | -18.46 | peak |
| 4 | 7673.034 | 8.78 | 36.33 | 53.57 | 58.77 | 50.31 | 74.00 | -23.69 | peak |
| 5 | 11000.000 | 11.36 | 39.60 | 53.60 | 52.94 | 50.30 | 74.00 | -23.70 | peak |
| 6 | 16500.000 | 14.69 | 39.93 | 52.90 | 51.29 | 53.01 | 68.20 | -15.19 | peak |



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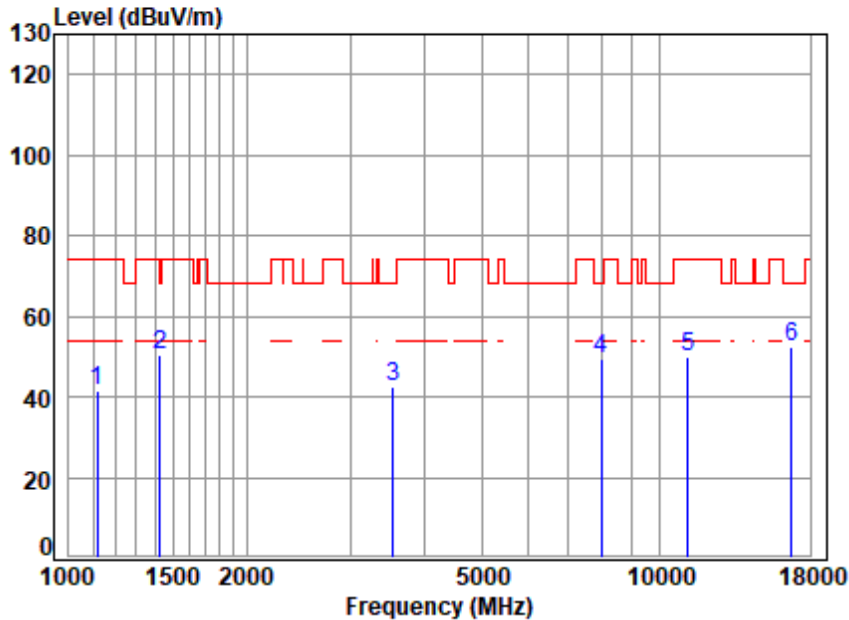
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

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Report No.: FYCR221100047404

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Test Mode: 06; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5580 TX RSE
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 1116.093 | 2.95 | 24.22 | 52.60 | 67.07 | 41.64 | 74.00 | -32.36 peak |
| 2 | 1426.916 | 3.63 | 24.29 | 52.81 | 75.15 | 50.26 | 74.00 | -23.74 peak |
| 3 | 3546.577 | 7.04 | 28.78 | 52.93 | 59.49 | 42.38 | 68.20 | -25.82 peak |
| 4 | 7989.893 | 9.41 | 36.20 | 53.60 | 57.53 | 49.54 | 68.20 | -18.66 peak |
| 5 | 11160.000 | 11.44 | 39.63 | 53.67 | 52.66 | 50.06 | 74.00 | -23.94 peak |
| 6 | 16740.000 | 14.50 | 40.74 | 52.75 | 49.98 | 52.47 | 68.20 | -15.73 peak |



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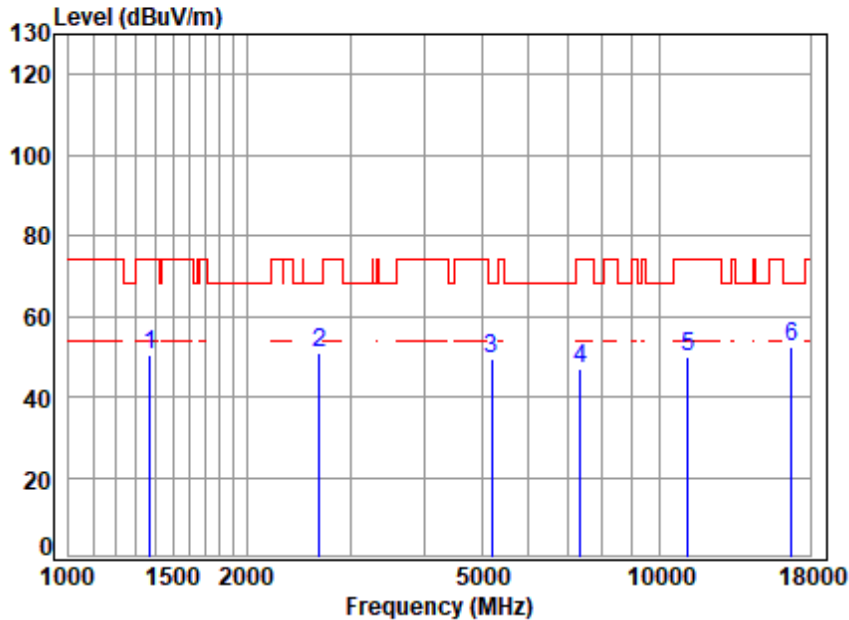
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 06; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5580 TX RSE
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1374.295 | 3.53 | 24.21 | 52.78 | 75.60 | 50.56 | 74.00 | -23.44 | peak |
| 2 | 2656.331 | 5.33 | 27.80 | 53.10 | 71.04 | 51.07 | 68.20 | -17.13 | Peak |
| 3 | 5194.041 | 8.29 | 31.88 | 53.04 | 62.29 | 49.42 | 68.20 | -18.78 | Peak |
| 4 | 7347.474 | 8.36 | 36.22 | 53.54 | 56.06 | 47.10 | 74.00 | -26.90 | peak |
| 5 | 11160.000 | 11.44 | 39.63 | 53.67 | 52.66 | 50.06 | 74.00 | -23.94 | peak |
| 6 | 16740.000 | 14.50 | 40.74 | 52.75 | 50.09 | 52.58 | 68.20 | -15.62 | peak |



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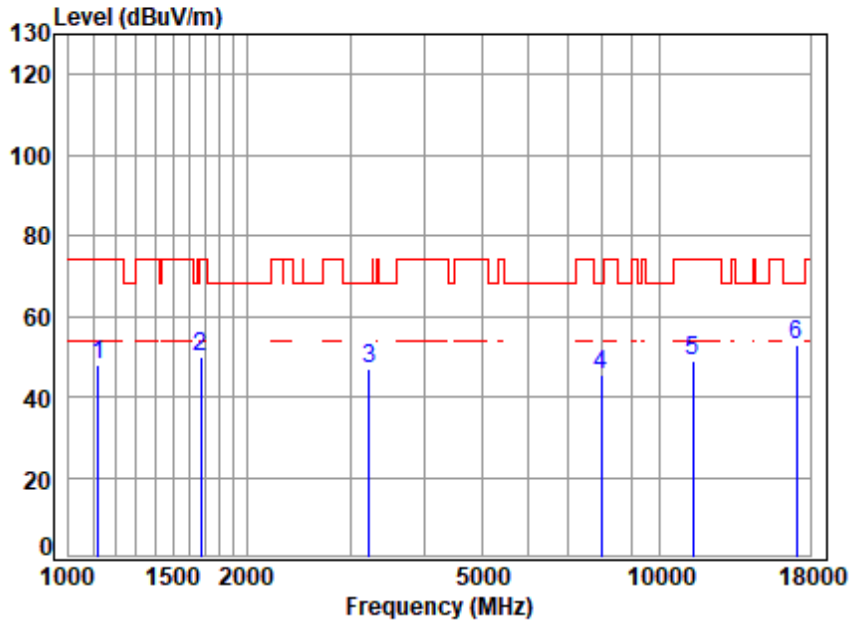
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 06; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5700 TX RSE
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1122.563 | 2.96 | 24.23 | 52.60 | 73.32 | 47.91 | 74.00 | -26.09 | peak |
| 2 | 1672.779 | 4.14 | 24.95 | 52.95 | 73.62 | 49.76 | 74.00 | -24.24 | peak |
| 3 | 3223.928 | 6.31 | 28.65 | 53.02 | 65.26 | 47.20 | 68.20 | -21.00 | peak |
| 4 | 7989.893 | 9.41 | 36.20 | 53.60 | 53.69 | 45.70 | 68.20 | -22.50 | peak |
| 5 | 11400.000 | 11.55 | 39.68 | 53.76 | 51.26 | 48.73 | 74.00 | -25.27 | peak |
| 6 | 17100.000 | 14.34 | 42.14 | 52.54 | 48.94 | 52.88 | 68.20 | -15.32 | peak |



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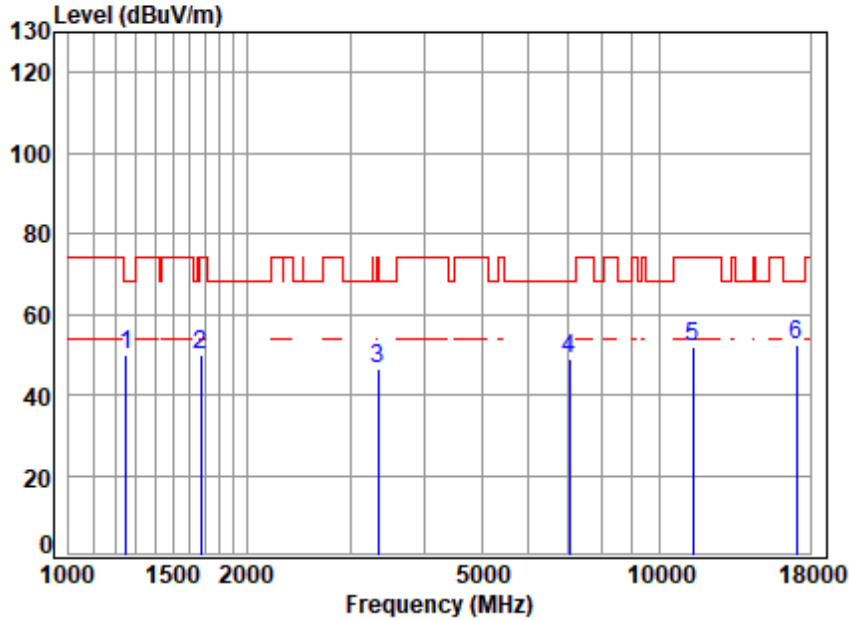
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 06; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5700 TX RSE
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1249.269 | 3.26 | 24.27 | 52.69 | 75.30 | 50.14 | 68.20 | -18.06 | peak |
| 2 | 1672.779 | 4.14 | 24.95 | 52.95 | 73.62 | 49.76 | 74.00 | -24.24 | peak |
| 3 | 3347.371 | 6.62 | 28.67 | 52.99 | 64.19 | 46.49 | 74.00 | -27.51 | peak |
| 4 | 7035.727 | 8.21 | 35.84 | 53.50 | 58.22 | 48.77 | 68.20 | -19.43 | peak |
| 5 | 11400.000 | 11.55 | 39.68 | 53.76 | 54.26 | 51.73 | 74.00 | -22.27 | peak |
| 6 | 17100.000 | 14.34 | 42.14 | 52.54 | 48.22 | 52.16 | 68.20 | -16.04 | peak |



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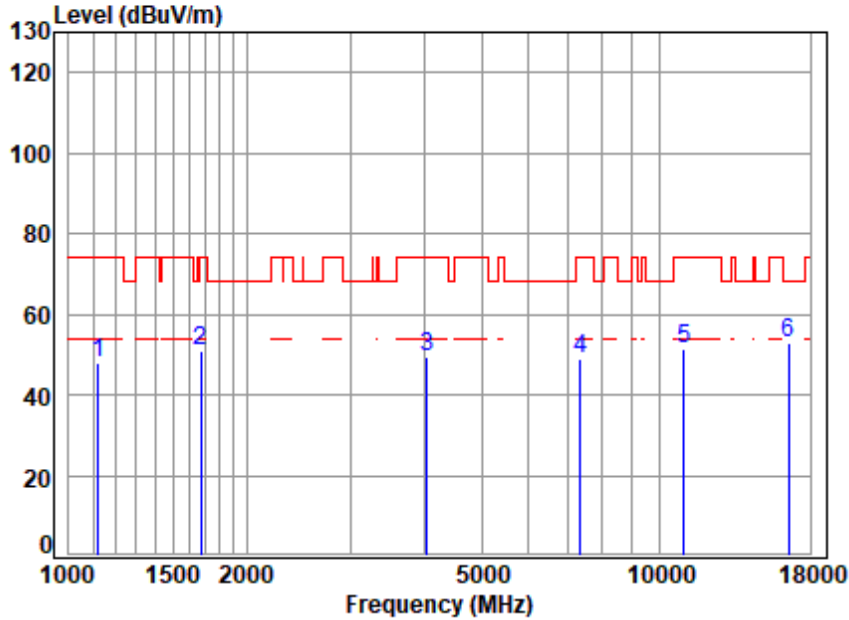
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 06; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5510 TX RSE
 Note : 5G WIFI 11AC40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 1122.563 | 2.96 | 24.23 | 52.60 | 73.32 | 47.91 | 74.00 | -26.09 peak |
| 2 | 1672.779 | 4.14 | 24.95 | 52.95 | 74.62 | 50.76 | 74.00 | -23.24 peak |
| 3 | 4039.212 | 7.49 | 29.56 | 52.81 | 65.01 | 49.25 | 74.00 | -24.75 peak |
| 4 | 7347.474 | 8.36 | 36.22 | 53.54 | 58.06 | 49.10 | 74.00 | -24.90 peak |
| 5 | 11020.000 | 11.37 | 39.60 | 53.61 | 54.10 | 51.46 | 74.00 | -22.54 peak |
| 6 | 16530.000 | 14.67 | 40.03 | 52.88 | 50.91 | 52.73 | 68.20 | -15.47 peak |



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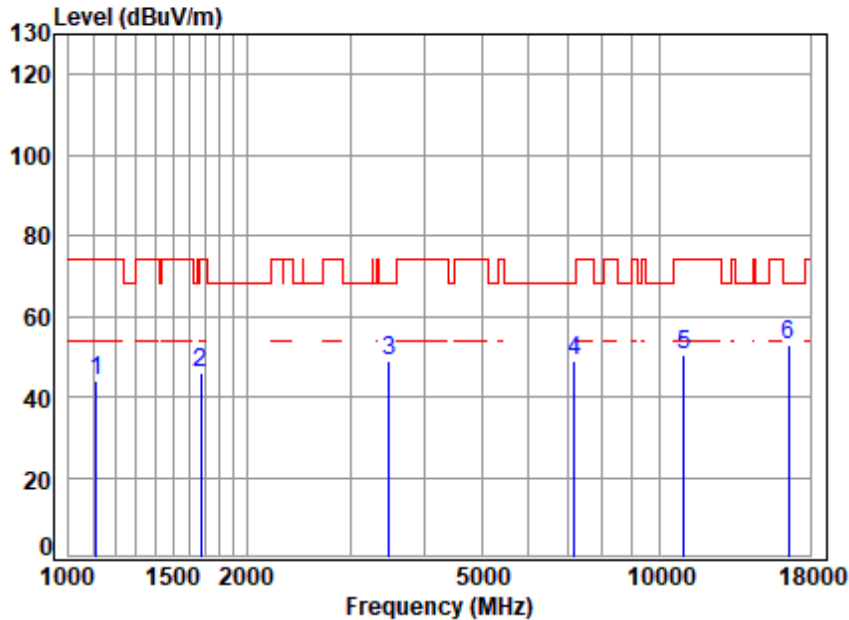
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 06; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5510 TX RSE
 Note : 5G WIFI 11AC40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1112.872 | 2.94 | 24.22 | 52.59 | 69.41 | 43.98 | 74.00 | -30.02 | peak |
| 2 | 1672.779 | 4.14 | 24.95 | 52.95 | 69.62 | 45.76 | 74.00 | -28.24 | peak |
| 3 | 3485.601 | 6.96 | 28.70 | 52.94 | 66.01 | 48.73 | 68.20 | -19.47 | peak |
| 4 | 7179.527 | 8.28 | 36.02 | 53.52 | 58.33 | 49.11 | 68.20 | -19.09 | peak |
| 5 | 11020.000 | 11.37 | 39.60 | 53.61 | 53.10 | 50.46 | 74.00 | -23.54 | peak |
| 6 | 16530.000 | 14.67 | 40.03 | 52.88 | 50.91 | 52.73 | 68.20 | -15.47 | peak |



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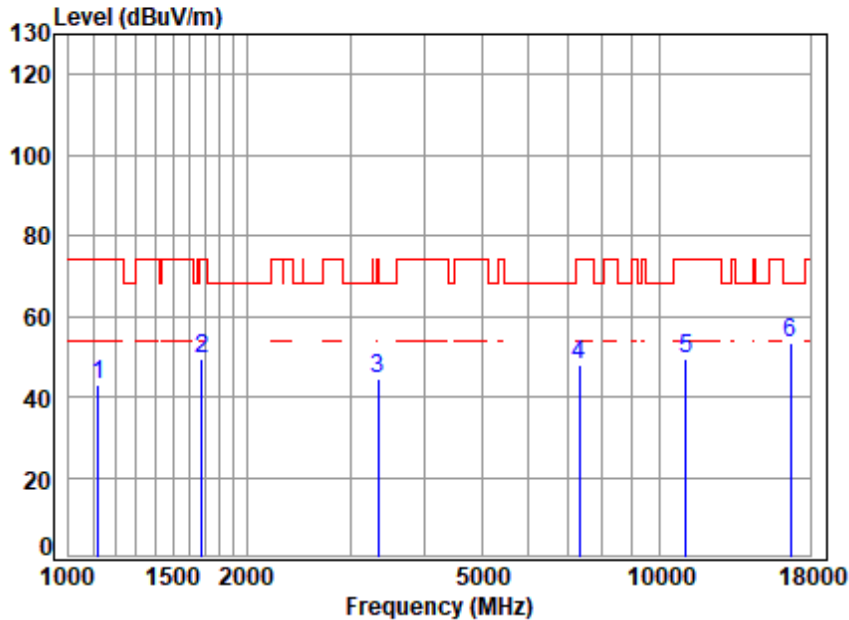
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 06; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:middle



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5550 TX RSE
 Note : 5G WIFI 11AC40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 1122.563 | 2.96 | 24.23 | 52.60 | 68.32 | 42.91 | 74.00 | -31.09 peak |
| 2 | 1677.621 | 4.15 | 24.96 | 52.95 | 73.50 | 49.66 | 74.00 | -24.34 peak |
| 3 | 3337.710 | 6.60 | 28.67 | 52.99 | 62.23 | 44.51 | 74.00 | -29.49 peak |
| 4 | 7326.267 | 8.35 | 36.20 | 53.53 | 57.09 | 48.11 | 74.00 | -25.89 peak |
| 5 | 11100.000 | 11.41 | 39.62 | 53.64 | 52.06 | 49.45 | 74.00 | -24.55 peak |
| 6 | 16650.000 | 14.57 | 40.43 | 52.81 | 51.14 | 53.33 | 68.20 | -14.87 peak |



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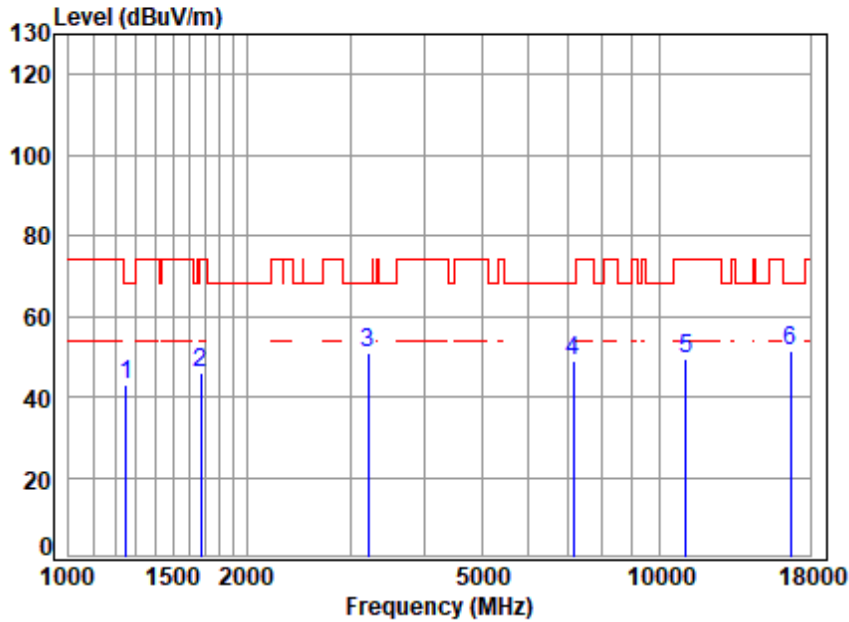
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SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 06; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:middle



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5550 TX RSE
 Note : 5G WIFI 11AC40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 1249.269 | 3.26 | 24.27 | 52.69 | 68.21 | 43.05 | 68.20 | -25.15 peak |
| 2 | 1672.779 | 4.14 | 24.95 | 52.95 | 69.62 | 45.76 | 74.00 | -28.24 peak |
| 3 | 3214.623 | 6.29 | 28.64 | 53.03 | 69.08 | 50.98 | 68.20 | -17.22 peak |
| 4 | 7158.806 | 8.27 | 36.00 | 53.52 | 58.07 | 48.82 | 68.20 | -19.38 peak |
| 5 | 11100.000 | 11.41 | 39.62 | 53.64 | 52.06 | 49.45 | 74.00 | -24.55 peak |
| 6 | 16650.000 | 14.57 | 40.43 | 52.81 | 49.14 | 51.33 | 68.20 | -16.87 peak |



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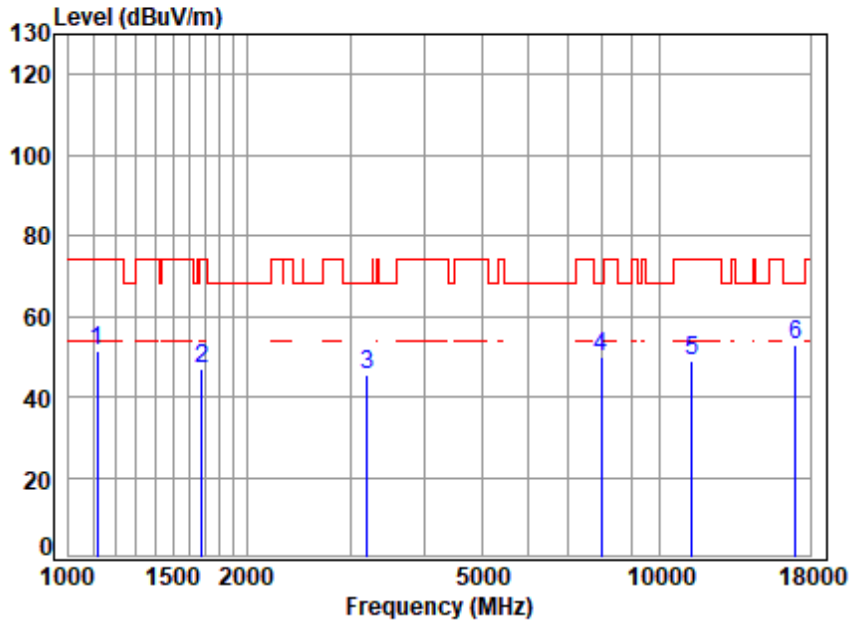
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 06; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5670 TX RSE
 Note : 5G WIFI 11AC40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1119.323 | 2.95 | 24.22 | 52.60 | 76.61 | 51.18 | 74.00 | -22.82 | peak |
| 2 | 1677.621 | 4.15 | 24.96 | 52.95 | 70.88 | 47.04 | 74.00 | -26.96 | peak |
| 3 | 3205.345 | 6.27 | 28.64 | 53.03 | 63.78 | 45.66 | 68.20 | -22.54 | peak |
| 4 | 7989.893 | 9.41 | 36.20 | 53.60 | 57.75 | 49.76 | 68.20 | -18.44 | peak |
| 5 | 11340.000 | 11.52 | 39.67 | 53.74 | 51.38 | 48.83 | 74.00 | -25.17 | peak |
| 6 | 17010.000 | 14.30 | 41.65 | 52.59 | 49.34 | 52.70 | 68.20 | -15.50 | peak |



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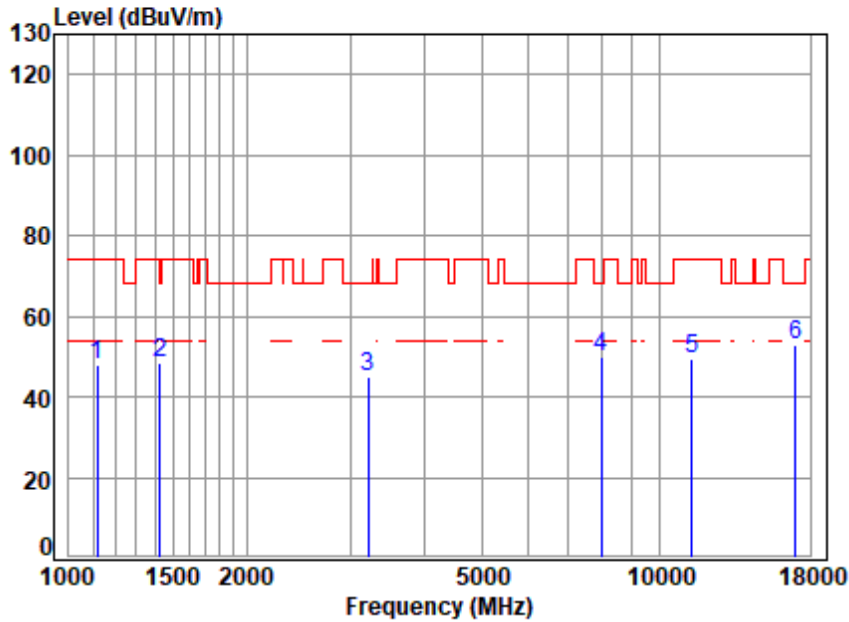
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 06; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5670 TX RSE
 Note : 5G WIFI 11AC40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1119.323 | 2.95 | 24.22 | 52.60 | 73.61 | 48.18 | 74.00 | -25.82 | peak |
| 2 | 1426.916 | 3.63 | 24.29 | 52.81 | 73.49 | 48.60 | 74.00 | -25.40 | peak |
| 3 | 3214.623 | 6.29 | 28.64 | 53.03 | 63.09 | 44.99 | 68.20 | -23.21 | peak |
| 4 | 7989.893 | 9.41 | 36.20 | 53.60 | 57.75 | 49.76 | 68.20 | -18.44 | peak |
| 5 | 11340.000 | 11.52 | 39.67 | 53.74 | 51.76 | 49.21 | 74.00 | -24.79 | peak |
| 6 | 17010.000 | 14.30 | 41.65 | 52.59 | 49.54 | 52.90 | 68.20 | -15.30 | peak |



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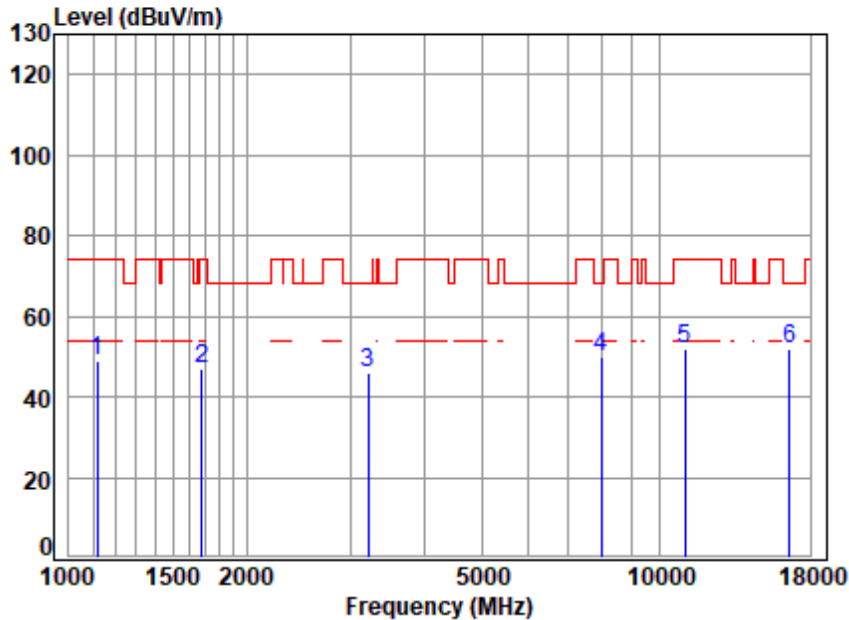
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

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Test Mode: 06; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5530 TX RSE
 Note : 5G WIFI 11AC80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1119.323 | 2.95 | 24.22 | 52.60 | 74.61 | 49.18 | 74.00 | -24.82 | peak |
| 2 | 1677.621 | 4.15 | 24.96 | 52.95 | 70.88 | 47.04 | 74.00 | -26.96 | peak |
| 3 | 3214.623 | 6.29 | 28.64 | 53.03 | 64.09 | 45.99 | 68.20 | -22.21 | peak |
| 4 | 7989.893 | 9.41 | 36.20 | 53.60 | 57.75 | 49.76 | 68.20 | -18.44 | peak |
| 5 | 11060.000 | 11.39 | 39.61 | 53.63 | 54.38 | 51.75 | 74.00 | -22.25 | peak |
| 6 | 16590.000 | 14.62 | 40.23 | 52.84 | 50.06 | 52.07 | 68.20 | -16.13 | peak |



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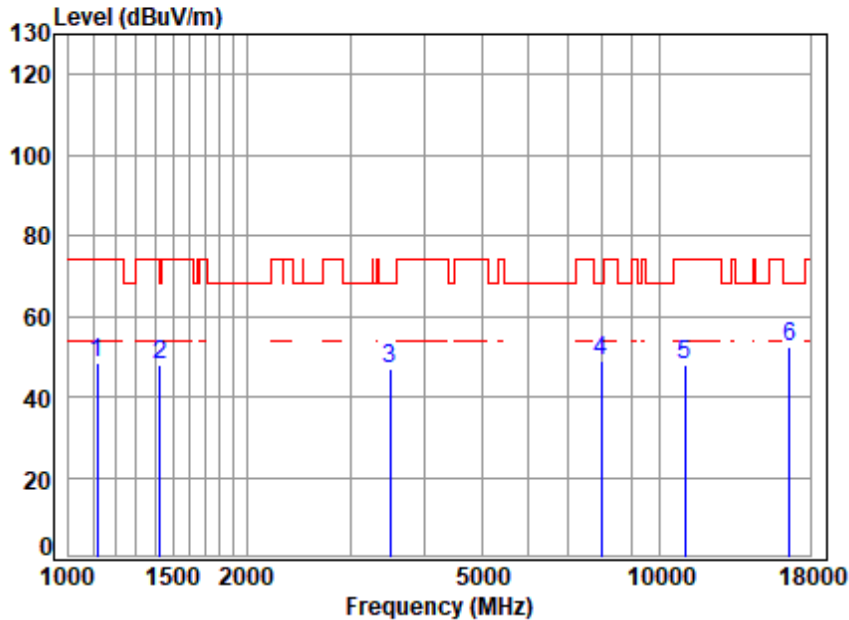
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 06; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5530 TX RSE
 Note : 5G WIFI 11AC80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1119.323 | 2.95 | 24.22 | 52.60 | 73.65 | 48.22 | 74.00 | -25.78 | peak |
| 2 | 1426.916 | 3.63 | 24.29 | 52.81 | 72.64 | 47.75 | 74.00 | -26.25 | peak |
| 3 | 3495.691 | 6.98 | 28.70 | 52.94 | 64.17 | 46.91 | 68.20 | -21.29 | peak |
| 4 | 7989.893 | 9.41 | 36.20 | 53.60 | 56.91 | 48.92 | 68.20 | -19.28 | peak |
| 5 | 11060.000 | 11.39 | 39.61 | 53.63 | 50.72 | 48.09 | 74.00 | -25.91 | peak |
| 6 | 16590.000 | 14.62 | 40.23 | 52.84 | 50.33 | 52.34 | 68.20 | -15.86 | peak |



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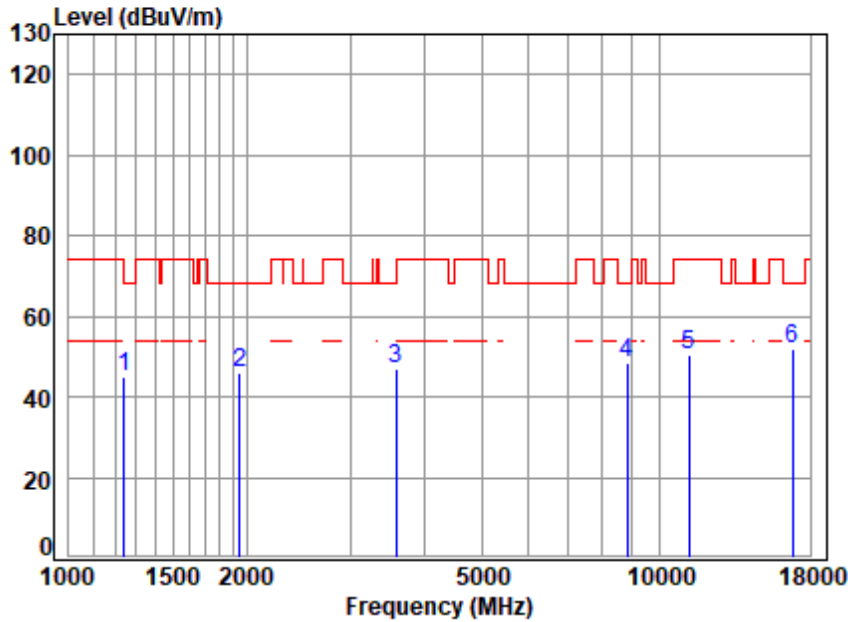
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

Page: 118 of 591

Test Mode: 06; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5610 TX RSE
 Note : 5G WIFI 11AC80

| | Cable | Ant | Preamp | Read | Limit | Over | | |
|------|-------|--------|--------|-------|--------|--------|--------|--------|
| Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 3.24 | 24.28 | 52.69 | 70.16 | 44.99 | 68.20 | -23.21 | peak |
| 2 | 4.66 | 25.96 | 53.08 | 68.44 | 45.98 | 68.20 | -22.22 | Peak |
| 3 | 7.07 | 28.83 | 52.92 | 64.15 | 47.13 | 68.20 | -21.07 | peak |
| 4 | 10.36 | 36.12 | 54.09 | 56.14 | 48.53 | 68.20 | -19.67 | peak |
| 5 | 11.47 | 39.65 | 53.69 | 53.09 | 50.52 | 74.00 | -23.48 | peak |
| 6 | 14.43 | 41.04 | 52.70 | 49.37 | 52.14 | 68.20 | -16.06 | peak |



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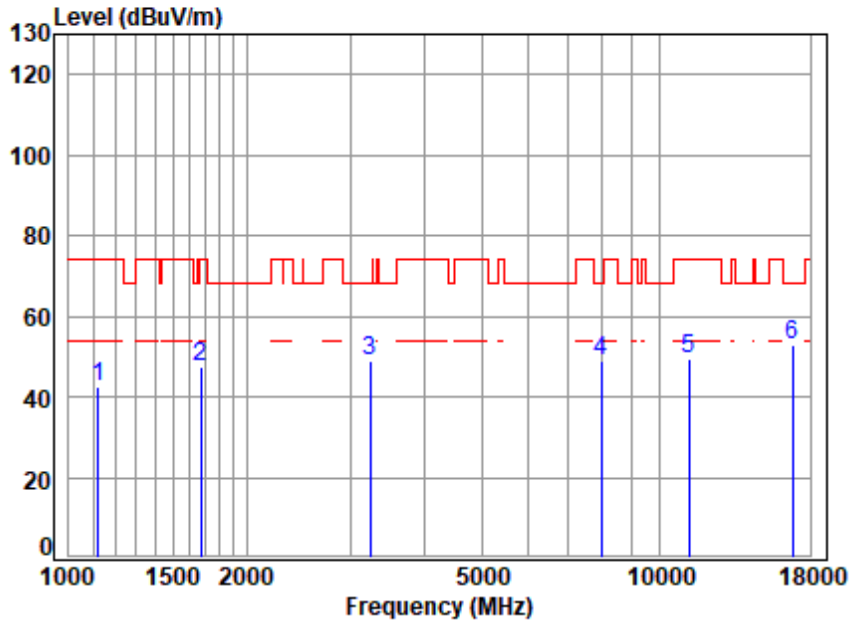
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 06; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5610 TX RSE
 Note : 5G WIFI 11AC80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 1122.563 | 2.96 | 24.23 | 52.60 | 67.97 | 42.56 | 74.00 | -31.44 peak |
| 2 | 1672.779 | 4.14 | 24.95 | 52.95 | 71.22 | 47.36 | 74.00 | -26.64 peak |
| 3 | 3242.619 | 6.36 | 28.65 | 53.02 | 66.98 | 48.97 | 68.20 | -19.23 peak |
| 4 | 7989.893 | 9.41 | 36.20 | 53.60 | 56.91 | 48.92 | 68.20 | -19.28 peak |
| 5 | 11220.000 | 11.47 | 39.65 | 53.69 | 52.14 | 49.57 | 74.00 | -24.43 peak |
| 6 | 16830.000 | 14.43 | 41.04 | 52.70 | 49.94 | 52.71 | 68.20 | -15.49 peak |



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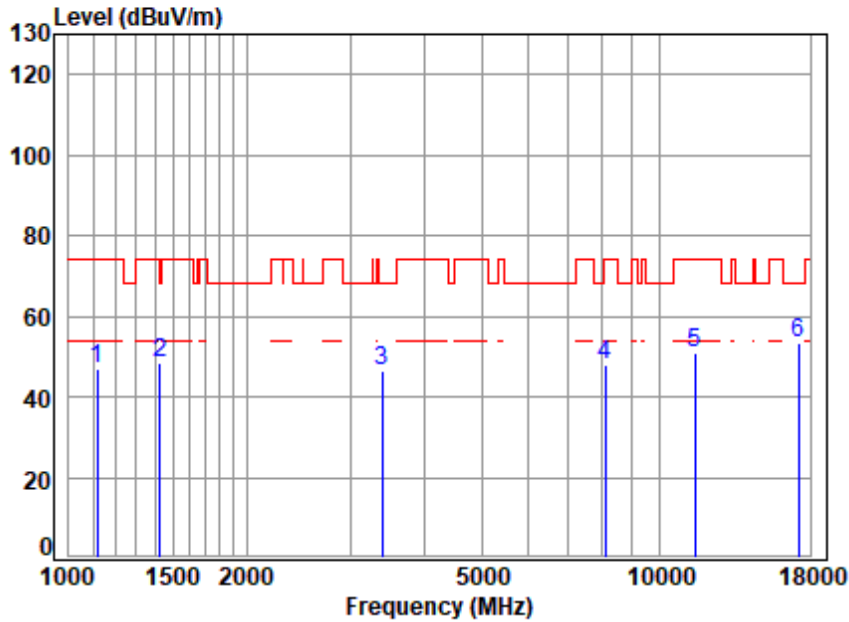
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 07; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5745 TX RSE
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1116.093 | 2.95 | 24.22 | 52.60 | 72.25 | 46.82 | 74.00 | -27.18 | peak |
| 2 | 1426.916 | 3.63 | 24.29 | 52.81 | 73.22 | 48.33 | 74.00 | -25.67 | peak |
| 3 | 3396.098 | 6.74 | 28.68 | 52.97 | 63.90 | 46.35 | 68.20 | -21.85 | peak |
| 4 | 8106.200 | 9.48 | 36.19 | 53.67 | 55.95 | 47.95 | 74.00 | -26.05 | peak |
| 5 | 11490.000 | 11.60 | 39.70 | 53.80 | 53.37 | 50.87 | 74.00 | -23.13 | peak |
| 6 | 17235.000 | 14.39 | 42.87 | 52.46 | 48.54 | 53.34 | 68.20 | -14.86 | peak |



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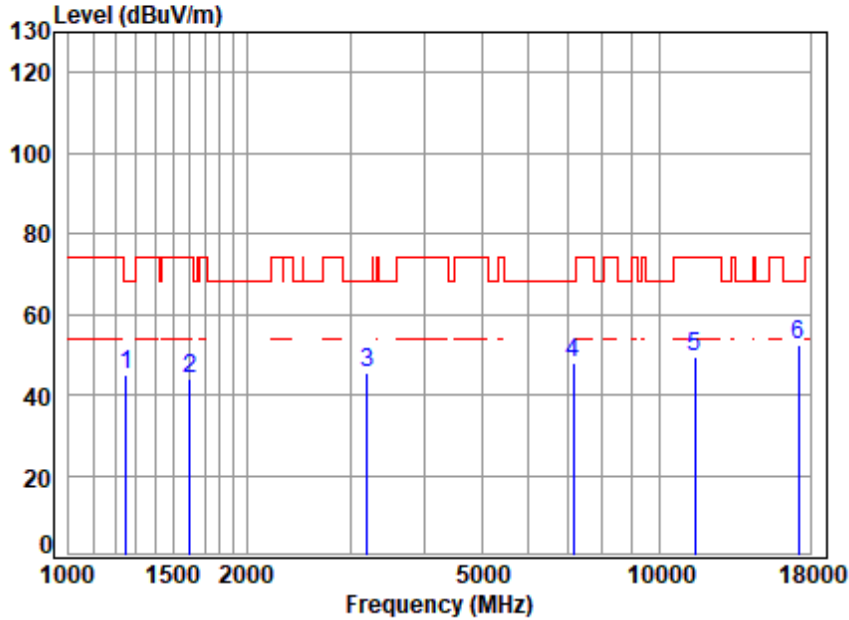
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SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 07; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5745 TX RSE
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1249.269 | 3.26 | 24.27 | 52.69 | 70.17 | 45.01 | 68.20 | -23.19 | peak |
| 2 | 1601.804 | 3.99 | 24.80 | 52.91 | 68.20 | 44.08 | 74.00 | -29.92 | peak |
| 3 | 3196.094 | 6.24 | 28.64 | 53.03 | 63.69 | 45.54 | 68.20 | -22.66 | peak |
| 4 | 7158.806 | 8.27 | 36.00 | 53.52 | 57.25 | 48.00 | 68.20 | -20.20 | peak |
| 5 | 11490.000 | 11.60 | 39.70 | 53.80 | 52.09 | 49.59 | 74.00 | -24.41 | peak |
| 6 | 17235.000 | 14.39 | 42.87 | 52.46 | 47.72 | 52.52 | 68.20 | -15.68 | peak |



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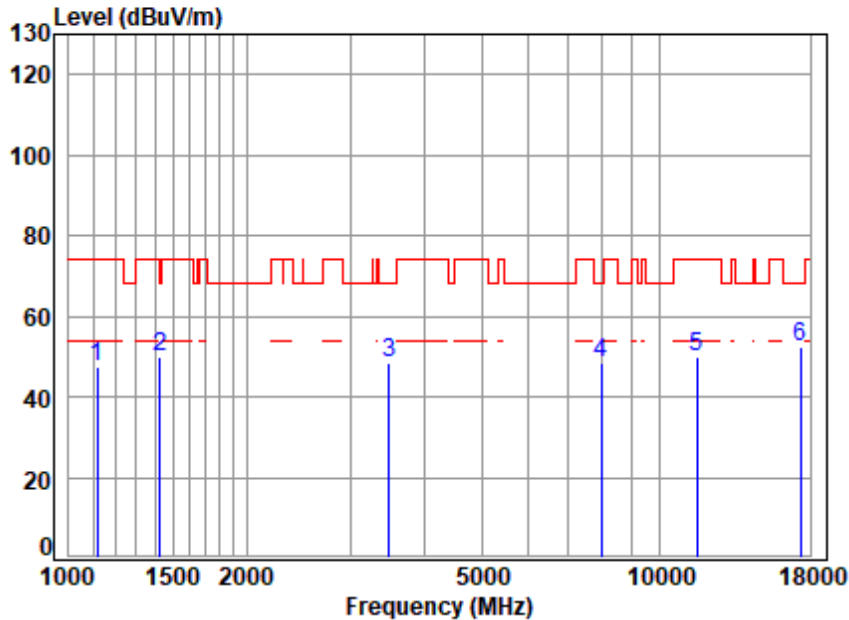
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Test Mode: 07; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5785 TX RSE
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1116.093 | 2.95 | 24.22 | 52.60 | 73.01 | 47.58 | 74.00 | -26.42 | peak |
| 2 | 1426.916 | 3.63 | 24.29 | 52.81 | 74.87 | 49.98 | 74.00 | -24.02 | peak |
| 3 | 3485.601 | 6.96 | 28.70 | 52.94 | 65.85 | 48.57 | 68.20 | -19.63 | peak |
| 4 | 7989.893 | 9.41 | 36.20 | 53.60 | 56.25 | 48.26 | 68.20 | -19.94 | peak |
| 5 | 11570.000 | 11.60 | 39.72 | 53.83 | 52.59 | 50.08 | 74.00 | -23.92 | peak |
| 6 | 17355.000 | 14.44 | 43.52 | 52.38 | 47.02 | 52.60 | 68.20 | -15.60 | peak |



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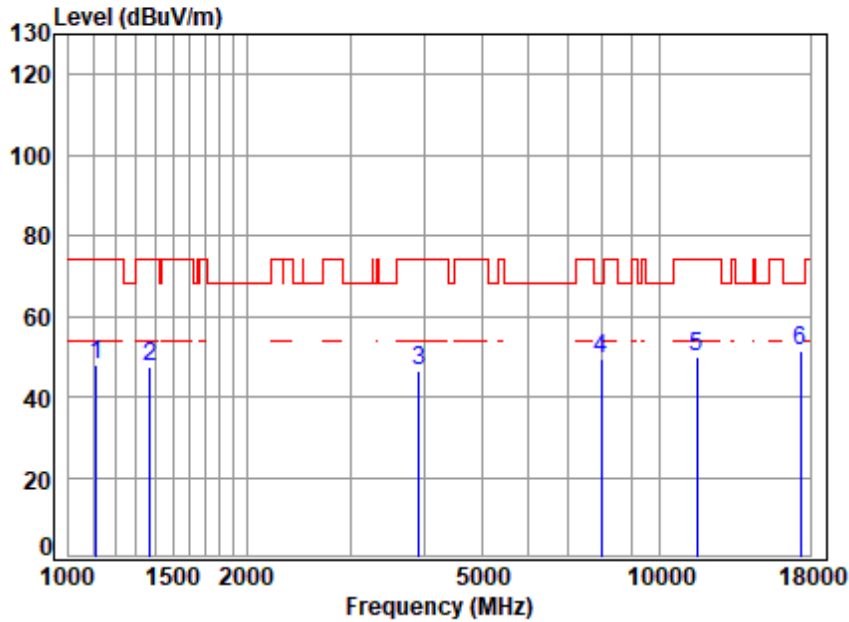
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 07; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5785 TX RSE
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 1112.872 | 2.94 | 24.22 | 52.59 | 73.29 | 47.86 | 74.00 | -26.14 peak |
| 2 | 1374.295 | 3.53 | 24.21 | 52.78 | 72.36 | 47.32 | 74.00 | -26.68 peak |
| 3 | 3912.809 | 7.41 | 29.37 | 52.82 | 62.54 | 46.50 | 74.00 | -27.50 peak |
| 4 | 7989.893 | 9.41 | 36.20 | 53.60 | 57.25 | 49.26 | 68.20 | -18.94 peak |
| 5 | 11570.000 | 11.60 | 39.72 | 53.83 | 52.59 | 50.08 | 74.00 | -23.92 peak |
| 6 | 17355.000 | 14.44 | 43.52 | 52.38 | 46.02 | 51.60 | 68.20 | -16.60 peak |



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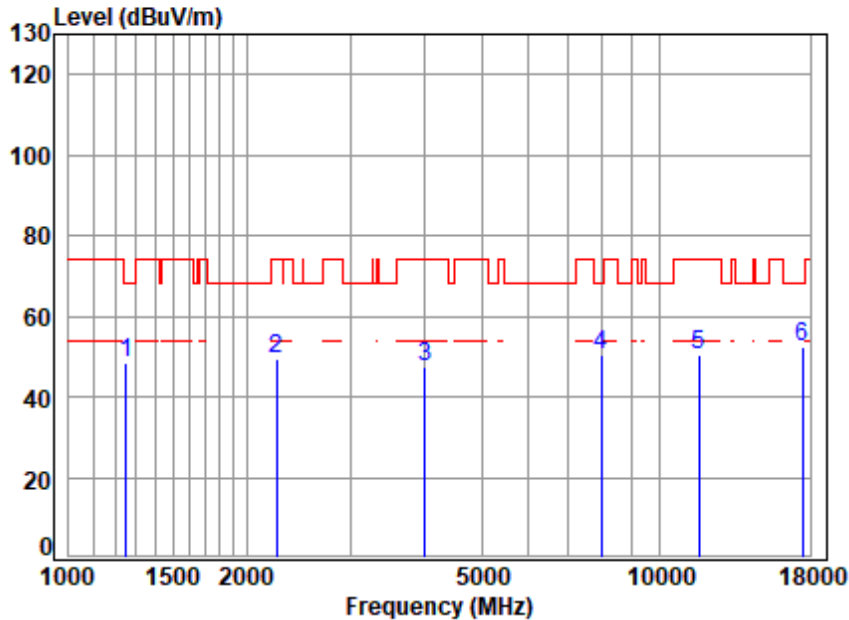
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 07; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5825 TX RSE
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1249.269 | 3.26 | 24.27 | 52.69 | 73.40 | 48.24 | 68.20 | -19.96 | peak |
| 2 | 2246.344 | 4.95 | 26.82 | 53.10 | 70.60 | 49.27 | 74.00 | -24.73 | Peak |
| 3 | 4004.339 | 7.49 | 29.51 | 52.80 | 63.38 | 47.58 | 74.00 | -26.42 | peak |
| 4 | 7989.893 | 9.41 | 36.20 | 53.60 | 58.25 | 50.26 | 68.20 | -17.94 | peak |
| 5 | 11650.000 | 11.60 | 39.73 | 53.86 | 52.94 | 50.41 | 74.00 | -23.59 | peak |
| 6 | 17475.000 | 14.48 | 44.16 | 52.31 | 45.92 | 52.25 | 68.20 | -15.95 | peak |



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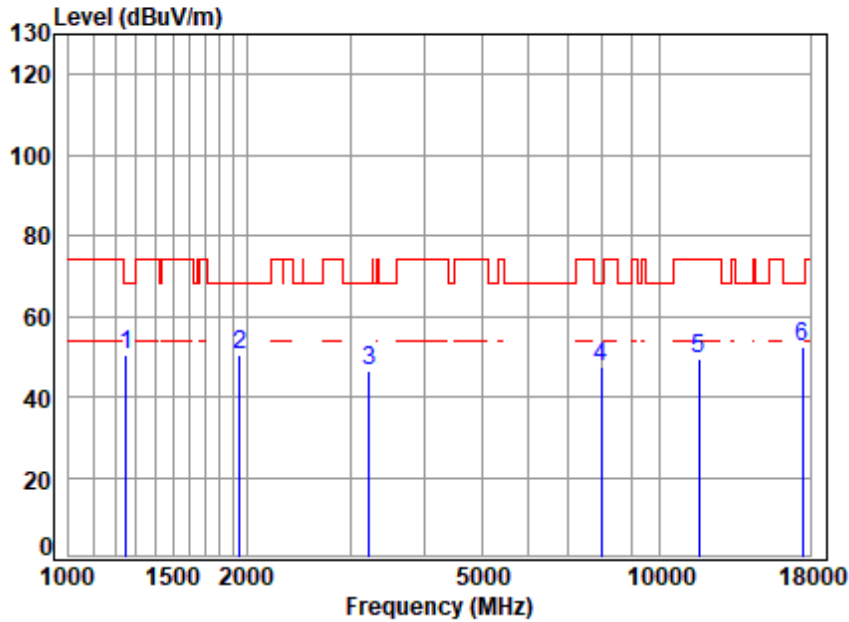
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 07; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5825 TX RSE
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1249.269 | 3.26 | 24.27 | 52.69 | 75.40 | 50.24 | 68.20 | -17.96 | peak |
| 2 | 1949.701 | 4.66 | 25.96 | 53.08 | 72.87 | 50.41 | 68.20 | -17.79 | Peak |
| 3 | 3223.928 | 6.31 | 28.65 | 53.02 | 64.56 | 46.50 | 68.20 | -21.70 | peak |
| 4 | 7989.893 | 9.41 | 36.20 | 53.60 | 55.25 | 47.26 | 68.20 | -20.94 | peak |
| 5 | 11650.000 | 11.60 | 39.73 | 53.86 | 51.94 | 49.41 | 74.00 | -24.59 | peak |
| 6 | 17475.000 | 14.48 | 44.16 | 52.31 | 46.00 | 52.33 | 68.20 | -15.87 | peak |



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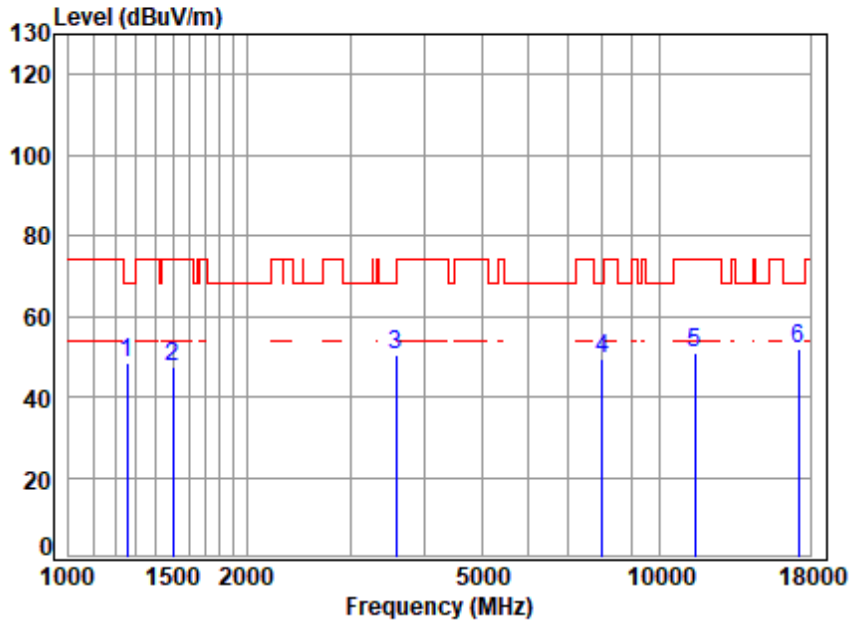
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 07; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5745 TX RSE
 Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 1256.512 | 3.28 | 24.27 | 52.70 | 73.59 | 48.44 | 68.20 | -19.76 peak |
| 2 | 1498.781 | 3.77 | 24.51 | 52.85 | 71.86 | 47.29 | 74.00 | -26.71 peak |
| 3 | 3587.818 | 7.08 | 28.85 | 52.91 | 67.33 | 50.35 | 68.20 | -17.85 peak |
| 4 | 8013.020 | 9.44 | 36.20 | 53.61 | 57.23 | 49.26 | 68.20 | -18.94 peak |
| 5 | 11490.000 | 11.60 | 39.70 | 53.80 | 53.37 | 50.87 | 74.00 | -23.13 peak |
| 6 | 17235.000 | 14.39 | 42.87 | 52.46 | 47.29 | 52.09 | 68.20 | -16.11 peak |



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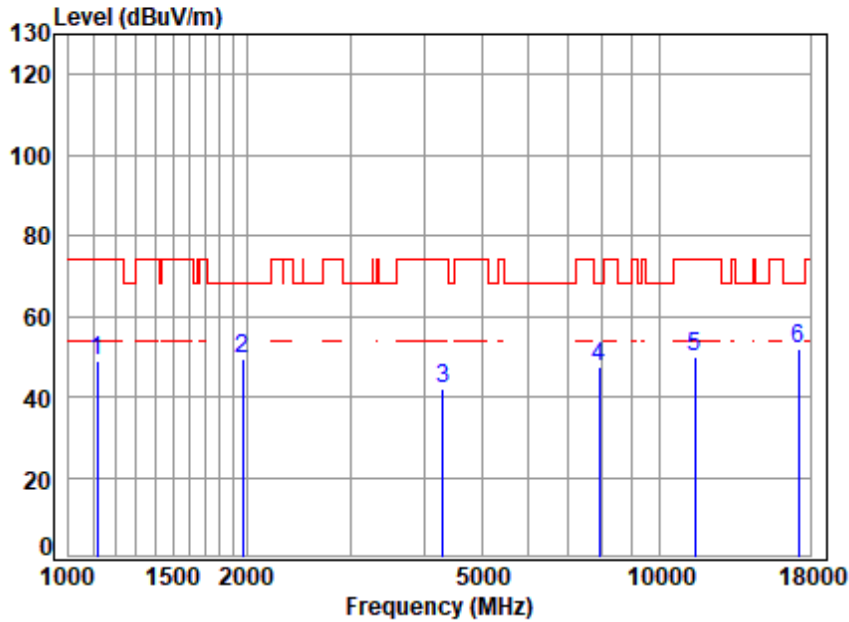
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 07; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5745 TX RSE
 Note : 5G WIFI 11N20

| | Cable | Ant | Preamp | Read | Limit | Over | | |
|------|-------|--------|--------|-------|--------|--------|--------|--------|
| Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 2.95 | 24.22 | 52.60 | 74.24 | 48.81 | 74.00 | -25.19 | peak |
| 2 | 4.69 | 26.04 | 53.09 | 71.57 | 49.21 | 68.20 | -18.99 | Peak |
| 3 | 7.48 | 29.94 | 52.90 | 57.63 | 42.15 | 74.00 | -31.85 | peak |
| 4 | 9.28 | 36.23 | 53.59 | 55.31 | 47.23 | 68.20 | -20.97 | peak |
| 5 | 11.60 | 39.70 | 53.80 | 52.64 | 50.14 | 74.00 | -23.86 | peak |
| 6 | 14.39 | 42.87 | 52.46 | 47.17 | 51.97 | 68.20 | -16.23 | peak |



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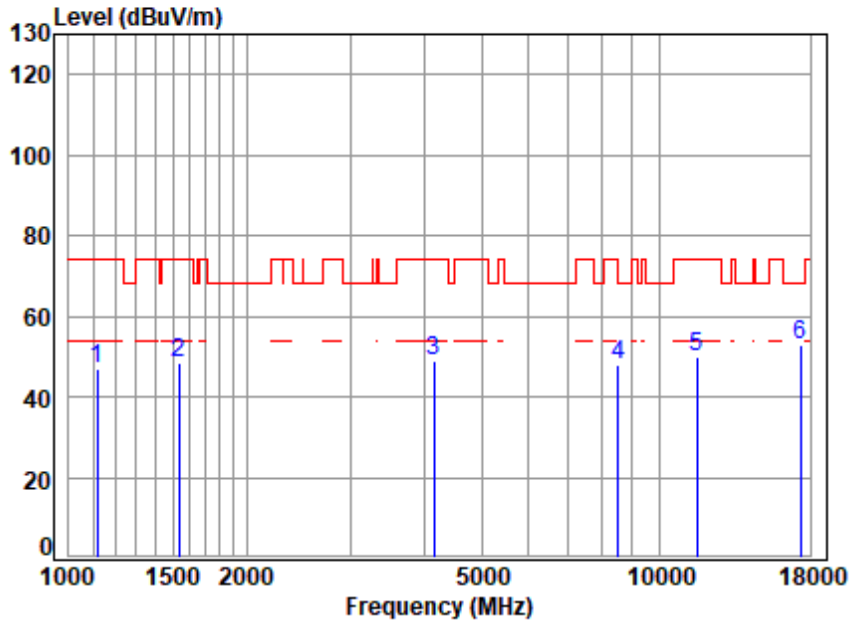
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SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 07; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5785 TX RSE
 Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 1119.323 | 2.95 | 24.22 | 52.60 | 72.41 | 46.98 | 74.00 | -27.02 peak |
| 2 | 1538.281 | 3.86 | 24.62 | 52.87 | 73.07 | 48.68 | 74.00 | -25.32 peak |
| 3 | 4157.664 | 7.48 | 29.73 | 52.85 | 64.70 | 49.06 | 74.00 | -24.94 peak |
| 4 | 8514.456 | 9.70 | 36.15 | 53.92 | 55.85 | 47.78 | 68.20 | -20.42 peak |
| 5 | 11570.000 | 11.60 | 39.72 | 53.83 | 52.32 | 49.81 | 74.00 | -24.19 peak |
| 6 | 17355.000 | 14.44 | 43.52 | 52.38 | 47.21 | 52.79 | 68.20 | -15.41 peak |



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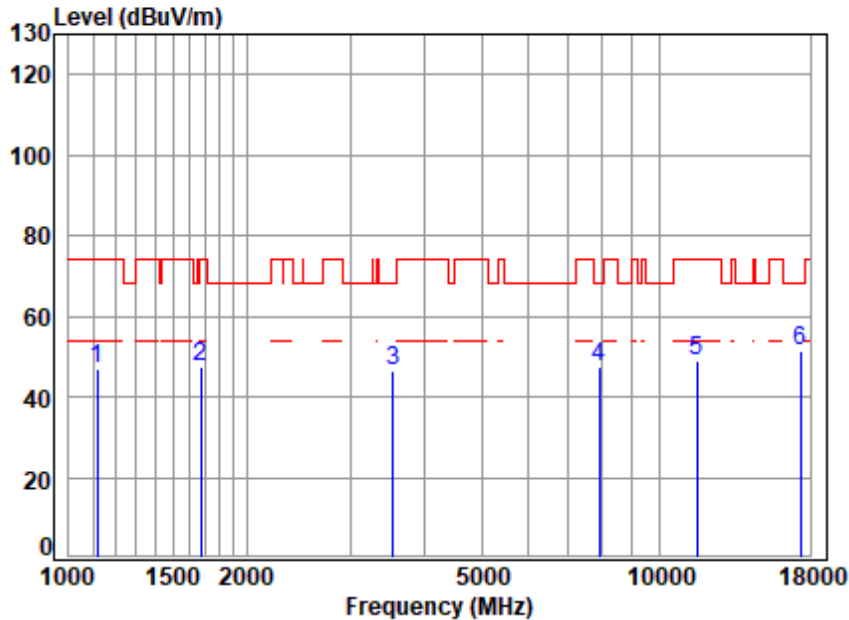
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SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 07; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5785 TX RSE
 Note : 5G WIFI 11N20

| | Cable | Ant | Preamp | Read | Limit | Over | | |
|------|-------|--------|--------|-------|--------|--------|--------|--------|
| Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 2.95 | 24.22 | 52.60 | 72.41 | 46.98 | 74.00 | -27.02 | peak |
| 2 | 4.14 | 24.95 | 52.95 | 71.36 | 47.50 | 74.00 | -26.50 | peak |
| 3 | 7.03 | 28.76 | 52.93 | 63.57 | 46.43 | 68.20 | -21.77 | peak |
| 4 | 9.28 | 36.23 | 53.59 | 55.48 | 47.40 | 68.20 | -20.80 | peak |
| 5 | 11.60 | 39.72 | 53.83 | 51.23 | 48.72 | 74.00 | -25.28 | peak |
| 6 | 14.44 | 43.52 | 52.38 | 45.76 | 51.34 | 68.20 | -16.86 | peak |



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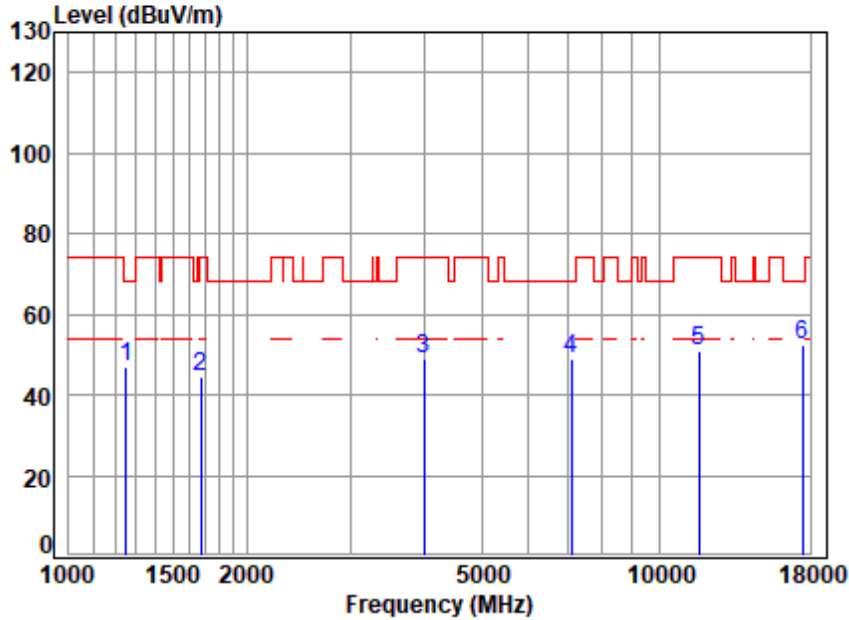
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Test Mode: 07; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5825 TX RSE
 Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1249.269 | 3.26 | 24.27 | 52.69 | 72.28 | 47.12 | 68.20 | -21.08 | peak |
| 2 | 1672.779 | 4.14 | 24.95 | 52.95 | 68.36 | 44.50 | 74.00 | -29.50 | peak |
| 3 | 3992.781 | 7.48 | 29.49 | 52.80 | 64.99 | 49.16 | 74.00 | -24.84 | peak |
| 4 | 7096.999 | 8.24 | 35.92 | 53.51 | 58.34 | 48.99 | 68.20 | -19.21 | peak |
| 5 | 11650.000 | 11.60 | 39.73 | 53.86 | 53.43 | 50.90 | 74.00 | -23.10 | peak |
| 6 | 17475.000 | 14.48 | 44.16 | 52.31 | 46.17 | 52.50 | 68.20 | -15.70 | peak |



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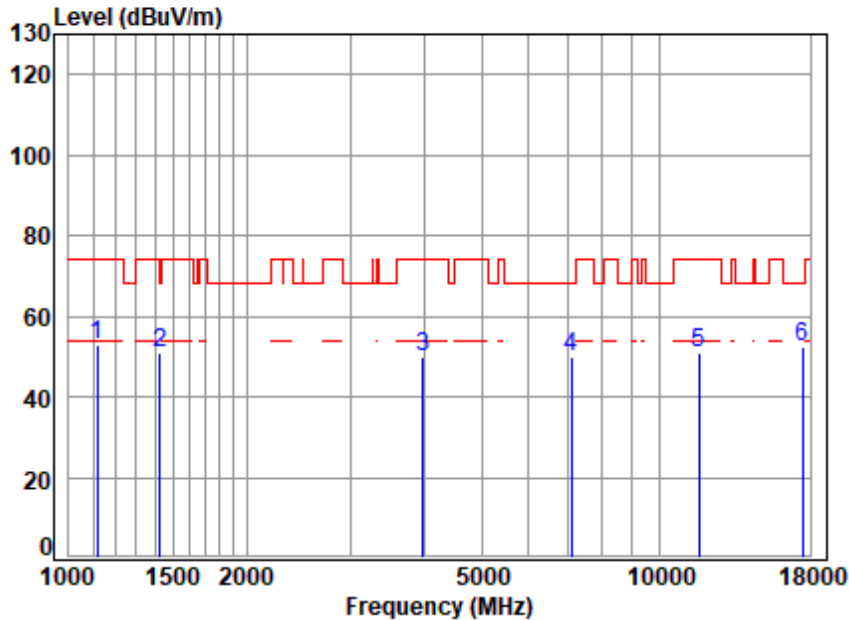
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 07; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5825 TX RSE
 Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1119.323 | 2.95 | 24.22 | 52.60 | 78.41 | 52.98 | 74.00 | -21.02 | peak |
| 2 | 1426.916 | 3.63 | 24.29 | 52.81 | 75.77 | 50.88 | 74.00 | -23.12 | peak |
| 3 | 3981.257 | 7.47 | 29.47 | 52.80 | 65.97 | 50.11 | 74.00 | -23.89 | peak |
| 4 | 7096.999 | 8.24 | 35.92 | 53.51 | 59.34 | 49.99 | 68.20 | -18.21 | peak |
| 5 | 11650.000 | 11.60 | 39.73 | 53.86 | 53.43 | 50.90 | 74.00 | -23.10 | peak |
| 6 | 17475.000 | 14.48 | 44.16 | 52.31 | 45.88 | 52.21 | 68.20 | -15.99 | peak |



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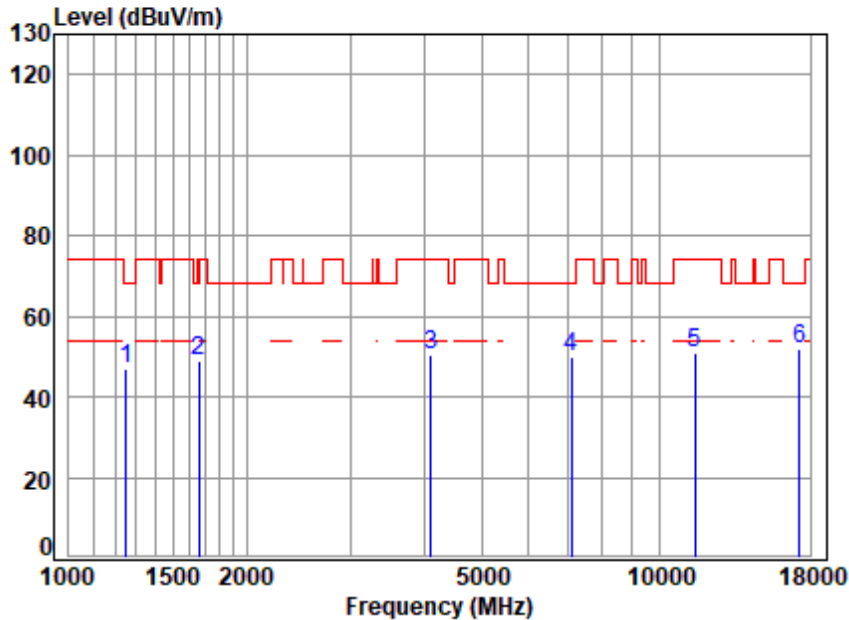
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 07; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5755 TX RSE
 Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1249.269 | 3.26 | 24.27 | 52.69 | 72.28 | 47.12 | 68.20 | -21.08 | peak |
| 2 | 1663.137 | 4.12 | 24.93 | 52.94 | 73.06 | 49.17 | 74.00 | -24.83 | peak |
| 3 | 4098.010 | 7.49 | 29.64 | 52.83 | 65.97 | 50.27 | 74.00 | -23.73 | peak |
| 4 | 7096.999 | 8.24 | 35.92 | 53.51 | 59.34 | 49.99 | 68.20 | -18.21 | peak |
| 5 | 11510.000 | 11.60 | 39.70 | 53.81 | 53.60 | 51.09 | 74.00 | -22.91 | peak |
| 6 | 17265.000 | 14.40 | 43.03 | 52.44 | 47.01 | 52.00 | 68.20 | -16.20 | peak |



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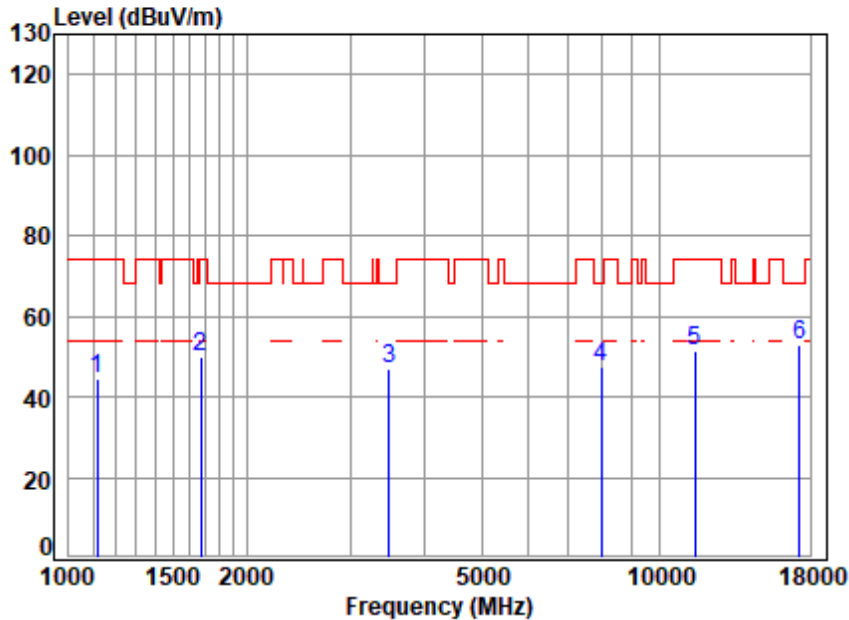
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 07; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5755 TX RSE
 Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1119.323 | 2.95 | 24.22 | 52.60 | 69.68 | 44.25 | 74.00 | -29.75 | peak |
| 2 | 1672.779 | 4.14 | 24.95 | 52.95 | 73.72 | 49.86 | 74.00 | -24.14 | peak |
| 3 | 3485.601 | 6.96 | 28.70 | 52.94 | 64.16 | 46.88 | 68.20 | -21.32 | peak |
| 4 | 7989.893 | 9.41 | 36.20 | 53.60 | 55.67 | 47.68 | 68.20 | -20.52 | peak |
| 5 | 11510.000 | 11.60 | 39.70 | 53.81 | 53.86 | 51.35 | 74.00 | -22.65 | peak |
| 6 | 17265.000 | 14.40 | 43.03 | 52.44 | 48.06 | 53.05 | 68.20 | -15.15 | peak |



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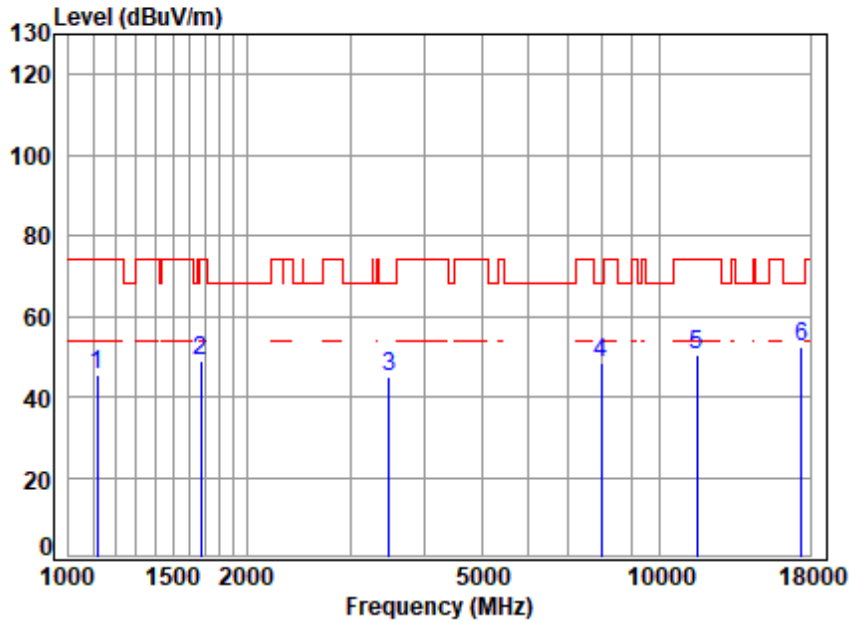
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 07; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5795 TX RSE
 Note : 5G WIFI 11N40

| | Cable | Ant | Preamp | Read | Limit | Over | | |
|------|-------|--------|--------|-------|--------|--------|--------|--------|
| Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 2.95 | 24.22 | 52.60 | 70.68 | 45.25 | 74.00 | -28.75 | peak |
| 2 | 4.14 | 24.95 | 52.95 | 72.72 | 48.86 | 74.00 | -25.14 | peak |
| 3 | 6.96 | 28.70 | 52.94 | 62.16 | 44.88 | 68.20 | -23.32 | peak |
| 4 | 9.41 | 36.20 | 53.60 | 56.49 | 48.50 | 68.20 | -19.70 | peak |
| 5 | 11.60 | 39.72 | 53.84 | 53.01 | 50.49 | 74.00 | -23.51 | peak |
| 6 | 14.45 | 43.68 | 52.36 | 46.52 | 52.29 | 68.20 | -15.91 | peak |



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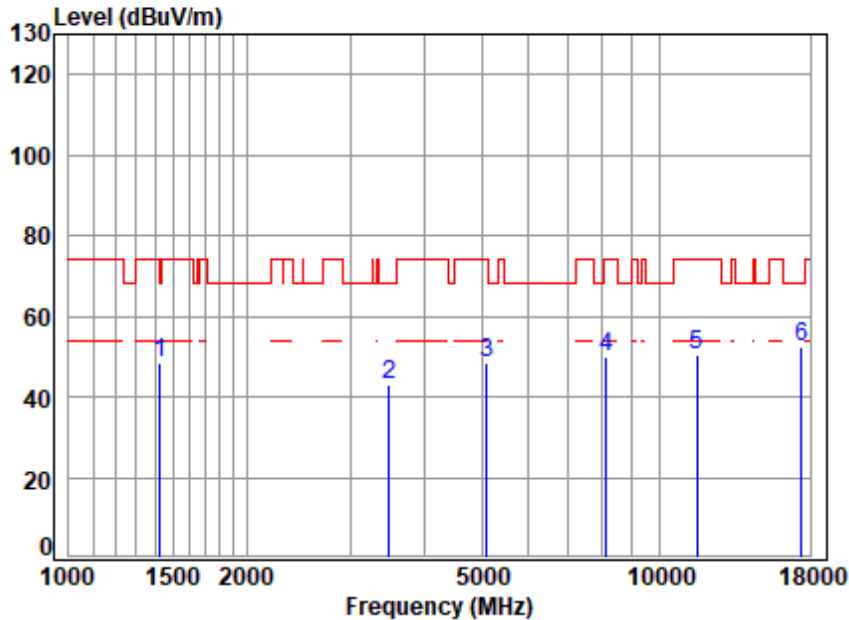
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 07; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5795 TX RSE
 Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1426.916 | 3.63 | 24.29 | 52.81 | 73.20 | 48.31 | 74.00 | -25.69 | peak |
| 2 | 3485.601 | 6.96 | 28.70 | 52.94 | 60.16 | 42.88 | 68.20 | -25.32 | peak |
| 3 | 5104.741 | 8.29 | 31.66 | 53.07 | 61.70 | 48.58 | 74.00 | -25.42 | Peak |
| 4 | 8129.664 | 9.49 | 36.19 | 53.68 | 58.01 | 50.01 | 74.00 | -23.99 | peak |
| 5 | 11590.000 | 11.60 | 39.72 | 53.84 | 53.01 | 50.49 | 74.00 | -23.51 | peak |
| 6 | 17385.000 | 14.45 | 43.68 | 52.36 | 46.52 | 52.29 | 68.20 | -15.91 | peak |



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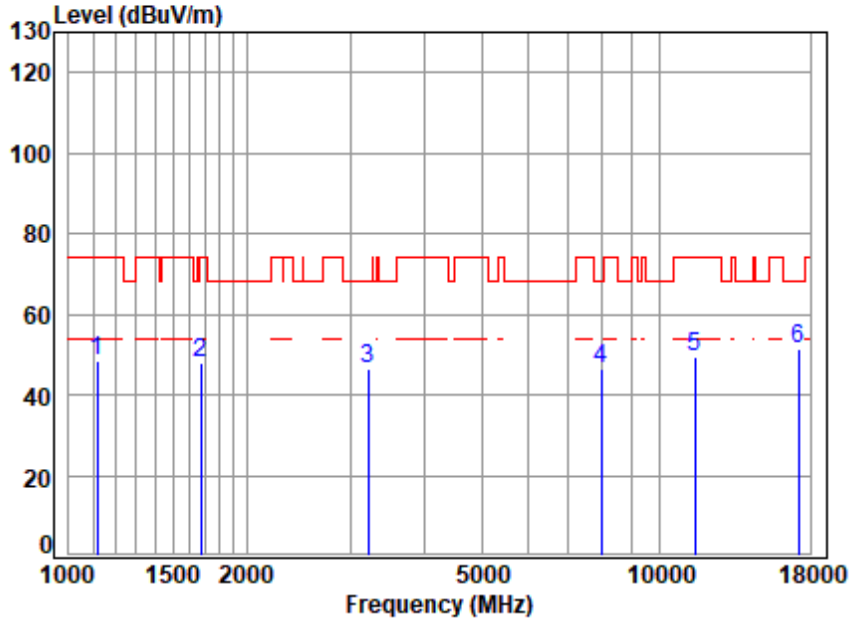
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 07; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5745 TX RSE
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1119.323 | 2.95 | 24.22 | 52.60 | 73.68 | 48.25 | 74.00 | -25.75 | peak |
| 2 | 1672.779 | 4.14 | 24.95 | 52.95 | 71.72 | 47.86 | 74.00 | -26.14 | peak |
| 3 | 3214.623 | 6.29 | 28.64 | 53.03 | 64.51 | 46.41 | 68.20 | -21.79 | peak |
| 4 | 7989.893 | 9.41 | 36.20 | 53.60 | 54.49 | 46.50 | 68.20 | -21.70 | peak |
| 5 | 11490.000 | 11.60 | 39.70 | 53.80 | 51.85 | 49.35 | 74.00 | -24.65 | peak |
| 6 | 17235.000 | 14.39 | 42.87 | 52.46 | 46.83 | 51.63 | 68.20 | -16.57 | peak |



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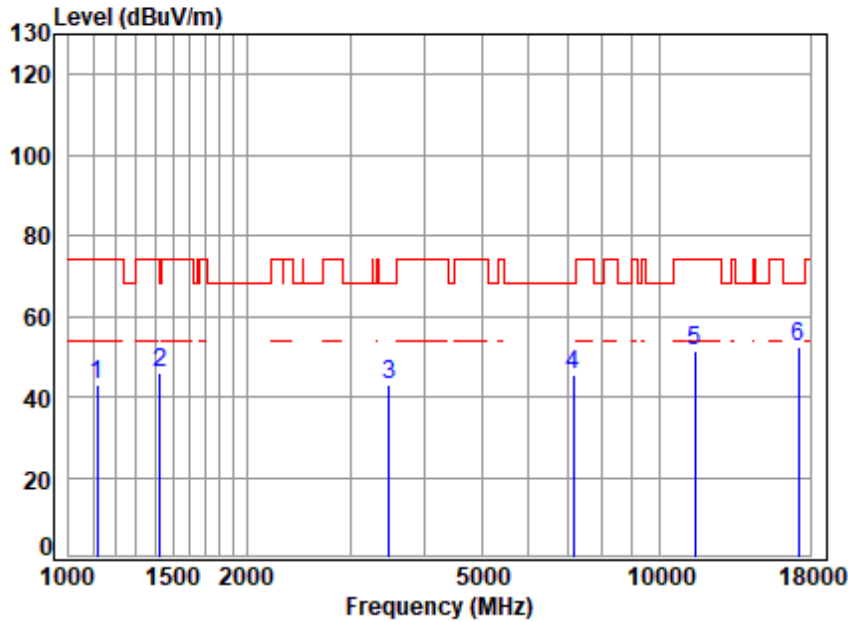
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 07; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5745 TX RSE
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1116.093 | 2.95 | 24.22 | 52.60 | 68.57 | 43.14 | 74.00 | -30.86 | peak |
| 2 | 1426.916 | 3.63 | 24.29 | 52.81 | 70.95 | 46.06 | 74.00 | -27.94 | peak |
| 3 | 3485.601 | 6.96 | 28.70 | 52.94 | 60.16 | 42.88 | 68.20 | -25.32 | peak |
| 4 | 7158.806 | 8.27 | 36.00 | 53.52 | 54.93 | 45.68 | 68.20 | -22.52 | peak |
| 5 | 11490.000 | 11.60 | 39.70 | 53.80 | 53.85 | 51.35 | 74.00 | -22.65 | peak |
| 6 | 17235.000 | 14.39 | 42.87 | 52.46 | 47.83 | 52.63 | 68.20 | -15.57 | peak |



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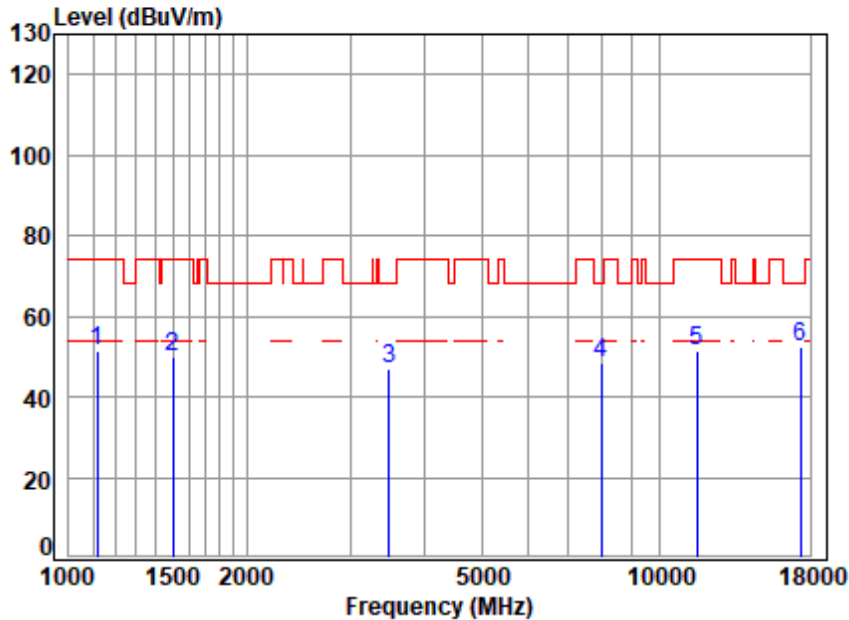
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 07; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5785 TX RSE
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 1119.323 | 2.95 | 24.22 | 52.60 | 76.68 | 51.25 | 74.00 | -22.75 peak |
| 2 | 1498.781 | 3.77 | 24.51 | 52.85 | 74.74 | 50.17 | 74.00 | -23.83 peak |
| 3 | 3485.601 | 6.96 | 28.70 | 52.94 | 64.16 | 46.88 | 68.20 | -21.32 peak |
| 4 | 7989.893 | 9.41 | 36.20 | 53.60 | 56.49 | 48.50 | 68.20 | -19.70 peak |
| 5 | 11570.000 | 11.60 | 39.72 | 53.83 | 53.71 | 51.20 | 74.00 | -22.80 peak |
| 6 | 17355.000 | 14.44 | 43.52 | 52.38 | 47.00 | 52.58 | 68.20 | -15.62 peak |



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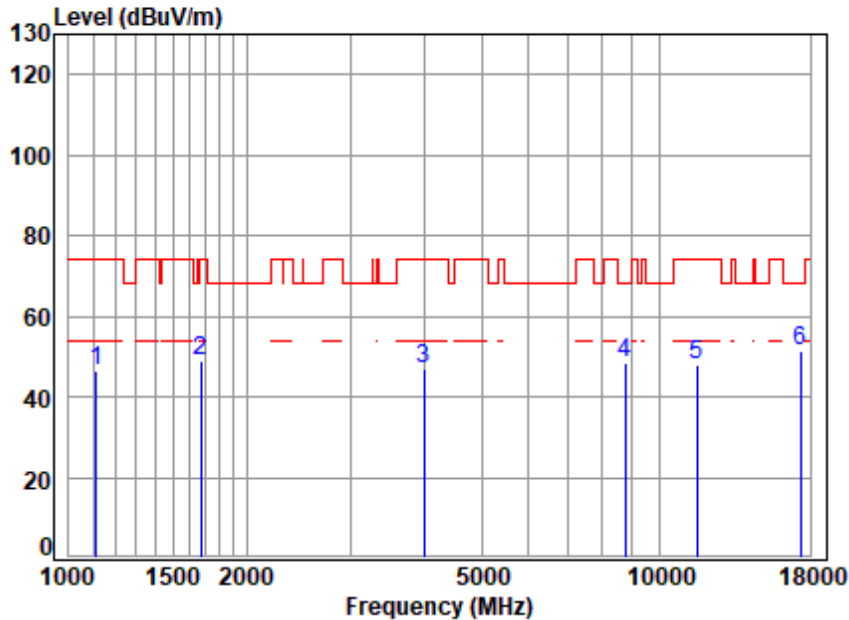
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 07; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5785 TX RSE
 Note : 5G WIFI 11AC20

| | Cable | Ant | Preamp | Read | Limit | Over | | |
|------|-------|--------|--------|-------|--------|--------|--------|--------|
| Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 2.94 | 24.22 | 52.59 | 71.85 | 46.42 | 74.00 | -27.58 | peak |
| 2 | 4.14 | 24.95 | 52.95 | 72.72 | 48.86 | 74.00 | -25.14 | peak |
| 3 | 7.48 | 29.49 | 52.80 | 62.66 | 46.83 | 74.00 | -27.17 | peak |
| 4 | 10.25 | 36.12 | 54.06 | 55.90 | 48.21 | 68.20 | -19.99 | peak |
| 5 | 11.60 | 39.72 | 53.83 | 50.46 | 47.95 | 74.00 | -26.05 | peak |
| 6 | 14.44 | 43.52 | 52.38 | 46.00 | 51.58 | 68.20 | -16.62 | peak |



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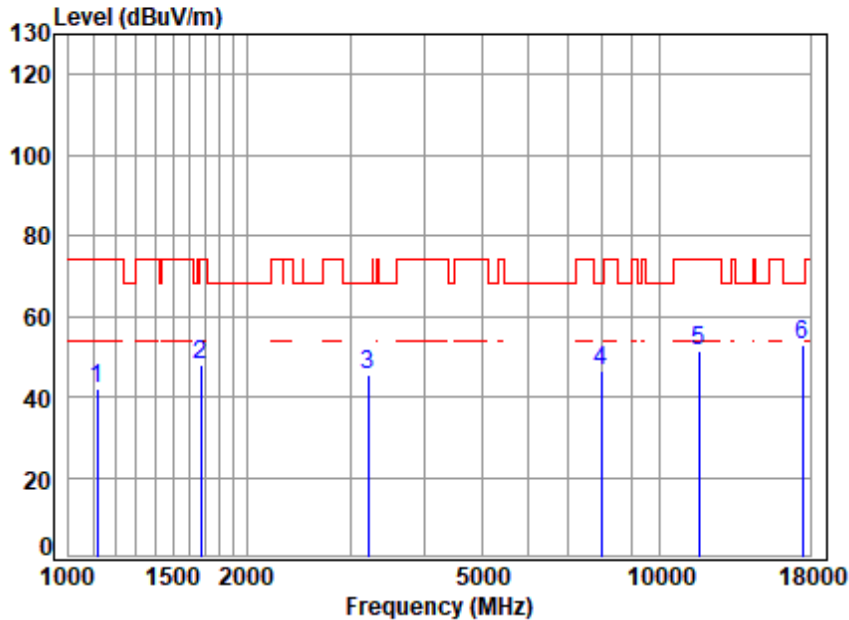
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 07; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5825 TX RSE
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|--------|------------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1119.323 | 2.95 | 24.22 | 52.60 | 67.68 | 42.25 | 74.00 | -31.75 | peak |
| 2 | 1672.779 | 4.14 | 24.95 | 52.95 | 71.72 | 47.86 | 74.00 | -26.14 | peak |
| 3 | 3214.623 | 6.29 | 28.64 | 53.03 | 63.51 | 45.41 | 68.20 | -22.79 | peak |
| 4 | 7989.893 | 9.41 | 36.20 | 53.60 | 54.49 | 46.50 | 68.20 | -21.70 | peak |
| 5 | 11650.000 | 11.60 | 39.73 | 53.86 | 53.82 | 51.29 | 74.00 | -22.71 | peak |
| 6 | 17475.000 | 14.48 | 44.16 | 52.31 | 46.35 | 52.68 | 68.20 | -15.52 | peak |



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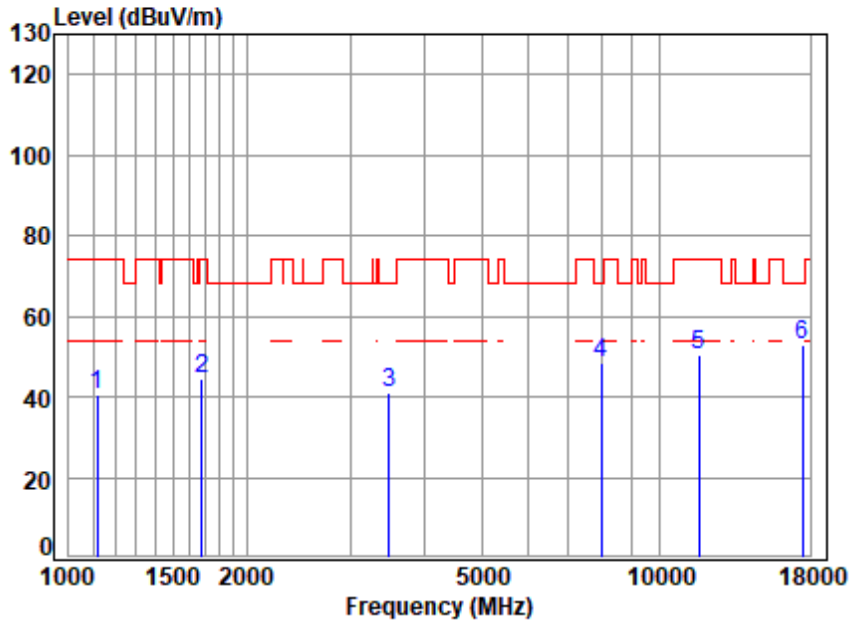
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 07; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5825 TX RSE
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1119.323 | 2.95 | 24.22 | 52.60 | 65.78 | 40.35 | 74.00 | -33.65 | peak |
| 2 | 1677.621 | 4.15 | 24.96 | 52.95 | 68.10 | 44.26 | 74.00 | -29.74 | peak |
| 3 | 3485.601 | 6.96 | 28.70 | 52.94 | 58.16 | 40.88 | 68.20 | -27.32 | peak |
| 4 | 7989.893 | 9.41 | 36.20 | 53.60 | 56.49 | 48.50 | 68.20 | -19.70 | peak |
| 5 | 11650.000 | 11.60 | 39.73 | 53.86 | 52.82 | 50.29 | 74.00 | -23.71 | peak |
| 6 | 17475.000 | 14.48 | 44.16 | 52.31 | 46.35 | 52.68 | 68.20 | -15.52 | peak |



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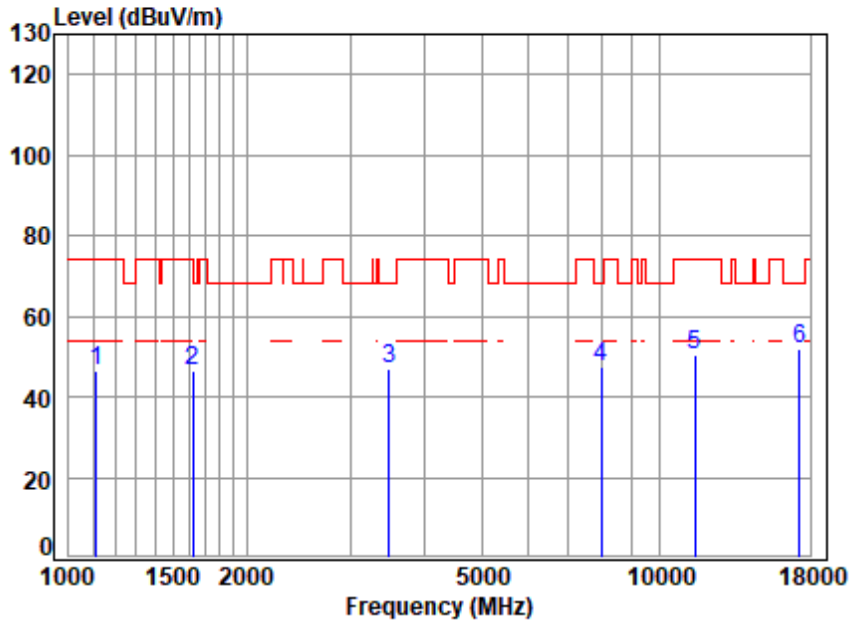
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 07; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5755 TX RSE
 Note : 5G WIFI 11AC40

| | Cable | Ant | Preamp | Read | Limit | Over | | |
|------|-------|--------|--------|-------|--------|--------|--------|--------|
| Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 2.94 | 24.22 | 52.59 | 71.85 | 46.42 | 74.00 | -27.58 | peak |
| 2 | 4.04 | 24.85 | 52.92 | 70.61 | 46.58 | 74.00 | -27.42 | peak |
| 3 | 6.96 | 28.70 | 52.94 | 64.16 | 46.88 | 68.20 | -21.32 | peak |
| 4 | 9.41 | 36.20 | 53.60 | 55.49 | 47.50 | 68.20 | -20.70 | peak |
| 5 | 11.60 | 39.70 | 53.81 | 53.06 | 50.55 | 74.00 | -23.45 | peak |
| 6 | 14.40 | 43.03 | 52.44 | 46.94 | 51.93 | 68.20 | -16.27 | peak |



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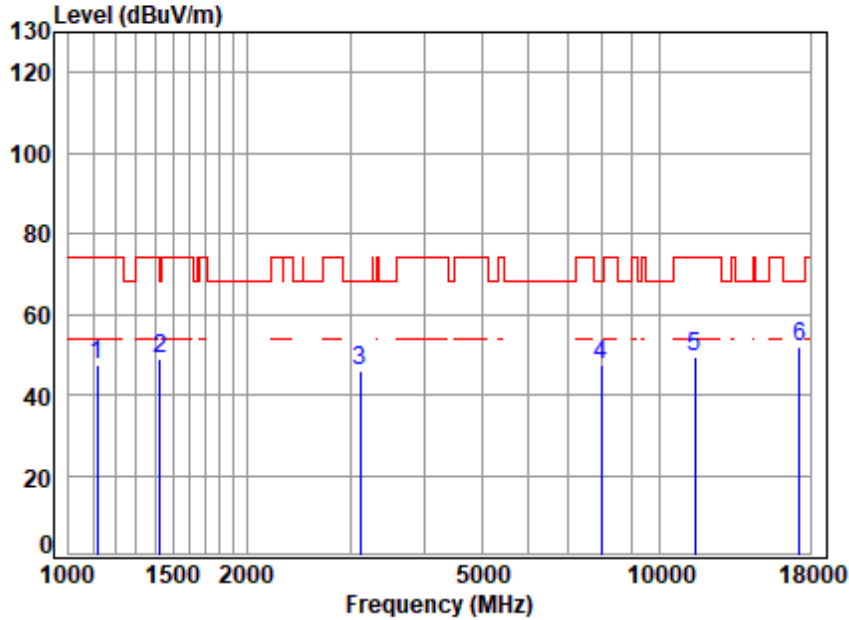
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

Page: 143 of 591

Test Mode: 07; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5755 TX RSE
 Note : 5G WIFI 11AC40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1119.323 | 2.95 | 24.22 | 52.60 | 72.78 | 47.35 | 74.00 | -26.65 | peak |
| 2 | 1426.916 | 3.63 | 24.29 | 52.81 | 73.95 | 49.06 | 74.00 | -24.94 | peak |
| 3 | 3114.025 | 6.03 | 28.62 | 53.06 | 64.24 | 45.83 | 68.20 | -22.37 | peak |
| 4 | 7989.893 | 9.41 | 36.20 | 53.60 | 55.49 | 47.50 | 68.20 | -20.70 | peak |
| 5 | 11510.000 | 11.60 | 39.70 | 53.81 | 52.06 | 49.55 | 74.00 | -24.45 | peak |
| 6 | 17265.000 | 14.40 | 43.03 | 52.44 | 47.06 | 52.05 | 68.20 | -16.15 | peak |



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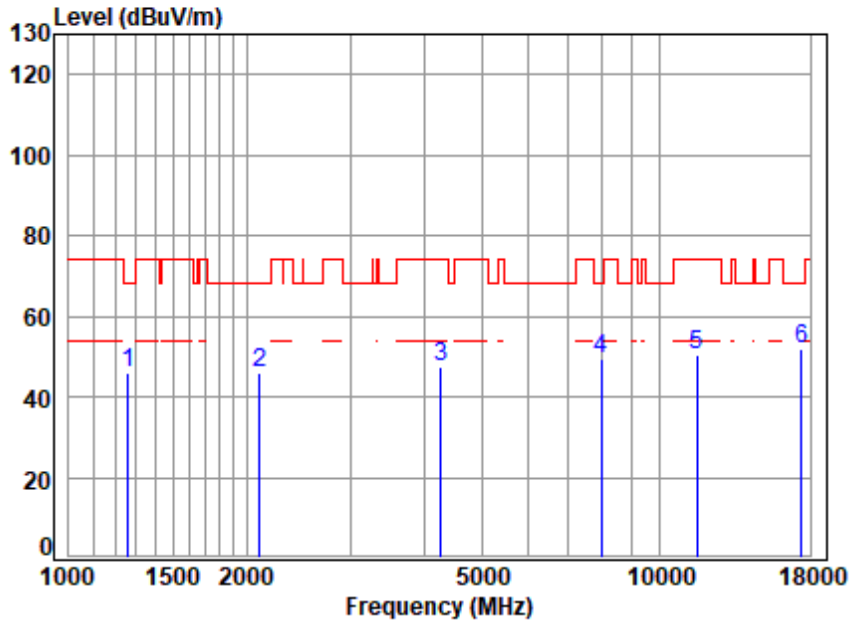
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 07; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5795 TX RSE
 Note : 5G WIFI 11AC40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 1260.149 | 3.28 | 24.27 | 52.70 | 71.36 | 46.21 | 68.20 | -21.99 peak |
| 2 | 2107.950 | 4.84 | 26.48 | 53.10 | 67.69 | 45.91 | 68.20 | -22.29 Peak |
| 3 | 4267.237 | 7.48 | 29.88 | 52.89 | 62.92 | 47.39 | 74.00 | -26.61 peak |
| 4 | 7989.893 | 9.41 | 36.20 | 53.60 | 57.49 | 49.50 | 68.20 | -18.70 peak |
| 5 | 11590.000 | 11.60 | 39.72 | 53.84 | 53.18 | 50.66 | 74.00 | -23.34 peak |
| 6 | 17385.000 | 14.45 | 43.68 | 52.36 | 46.00 | 51.77 | 68.20 | -16.43 peak |



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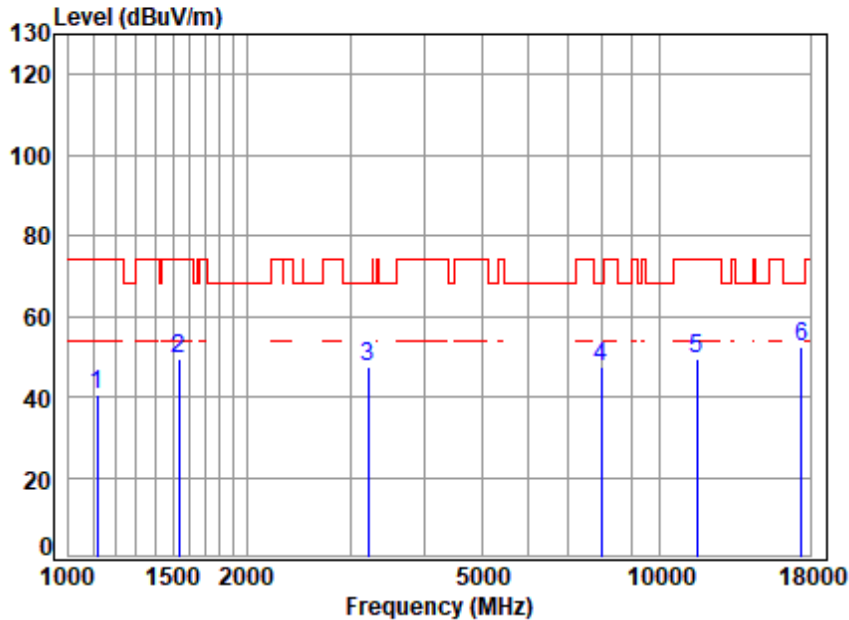
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SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 07; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5795 TX RSE
 Note : 5G WIFI 11AC40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1119.323 | 2.95 | 24.22 | 52.60 | 65.78 | 40.35 | 74.00 | -33.65 | peak |
| 2 | 1533.841 | 3.85 | 24.61 | 52.87 | 73.71 | 49.30 | 74.00 | -24.70 | peak |
| 3 | 3214.623 | 6.29 | 28.64 | 53.03 | 65.51 | 47.41 | 68.20 | -20.79 | peak |
| 4 | 7989.893 | 9.41 | 36.20 | 53.60 | 55.49 | 47.50 | 68.20 | -20.70 | peak |
| 5 | 11590.000 | 11.60 | 39.72 | 53.84 | 52.18 | 49.66 | 74.00 | -24.34 | peak |
| 6 | 17385.000 | 14.45 | 43.68 | 52.36 | 46.81 | 52.58 | 68.20 | -15.62 | peak |



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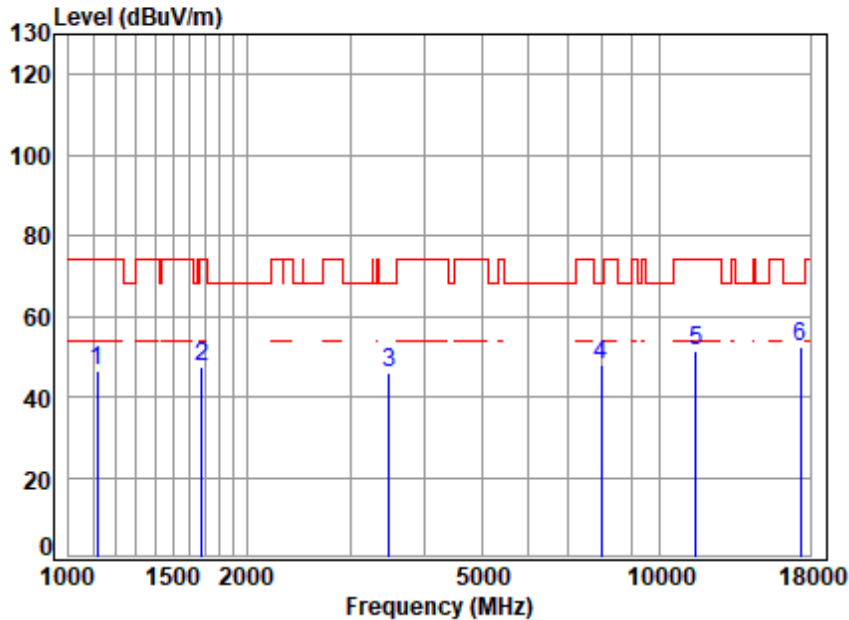
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Test Mode: 07; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5775 TX RSE
 Note : 5G WIFI 11AC80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 1119.323 | 2.95 | 24.22 | 52.60 | 71.78 | 46.35 | 74.00 | -27.65 peak |
| 2 | 1677.621 | 4.15 | 24.96 | 52.95 | 71.10 | 47.26 | 74.00 | -26.74 peak |
| 3 | 3485.601 | 6.96 | 28.70 | 52.94 | 63.16 | 45.88 | 68.20 | -22.32 peak |
| 4 | 7989.893 | 9.41 | 36.20 | 53.60 | 56.04 | 48.05 | 68.20 | -20.15 peak |
| 5 | 11550.000 | 11.60 | 39.71 | 53.82 | 53.71 | 51.20 | 74.00 | -22.80 peak |
| 6 | 17325.000 | 14.42 | 43.36 | 52.40 | 47.15 | 52.53 | 68.20 | -15.67 peak |



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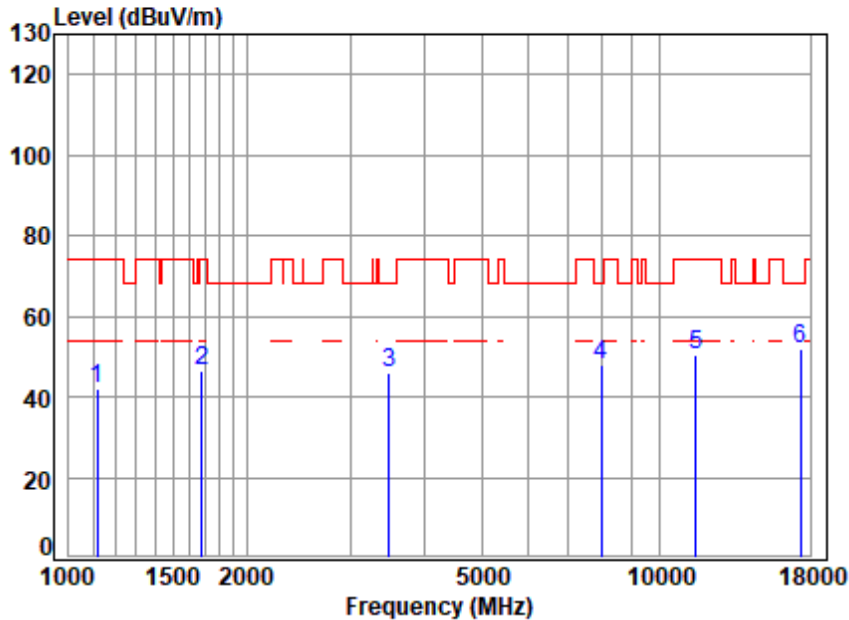
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 07; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5775 TX RSE
 Note : 5G WIFI 11AC80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|-----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1116.093 | 2.95 | 24.22 | 52.60 | 67.57 | 42.14 | 74.00 | -31.86 | peak |
| 2 | 1677.621 | 4.15 | 24.96 | 52.95 | 70.10 | 46.26 | 74.00 | -27.74 | peak |
| 3 | 3485.601 | 6.96 | 28.70 | 52.94 | 63.16 | 45.88 | 68.20 | -22.32 | peak |
| 4 | 7989.893 | 9.41 | 36.20 | 53.60 | 56.04 | 48.05 | 68.20 | -20.15 | peak |
| 5 | 11550.000 | 11.60 | 39.71 | 53.82 | 52.71 | 50.20 | 74.00 | -23.80 | peak |
| 6 | 17325.000 | 14.42 | 43.36 | 52.40 | 46.37 | 51.75 | 68.20 | -16.45 | peak |



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7.8 Radiated Emissions which fall in the restricted bands

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)
 Test Method: KDB 789033 D02 II G
 Measurement Distance: 3m

Limit:

| Frequency(MHz) | Field strength(microvolts/meter) | Measurement distance(meters) |
|----------------|----------------------------------|------------------------------|
| 0.009-0.490 | 2400/F(kHz) | 300 |
| 0.490-1.705 | 24000/F(kHz) | 30 |
| 1.705-30.0 | 30 | 30 |
| 30-88 | 100 | 3 |
| 88-216 | 150 | 3 |
| 216-960 | 200 | 3 |
| Above 960 | 500 | 3 |

*(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 5.25-5.35 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.

(3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 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.

Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

7.8.1 E.U.T. Operation

Operating Environment:

Temperature: 22.3 °C Humidity: 50.9 % RH Atmospheric Pressure: 1020 mbar



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7.8.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|-----------------------|-----------|---|
| Final test | 04 | TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report. |
| Final test | 05 | TX mode (U-NII-2A)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report. |
| Final test | 06 | TX mode (U-NII-2C)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80); final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report. |
| Final test | 07 | TX mode (U-NII-3)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80); final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report. |

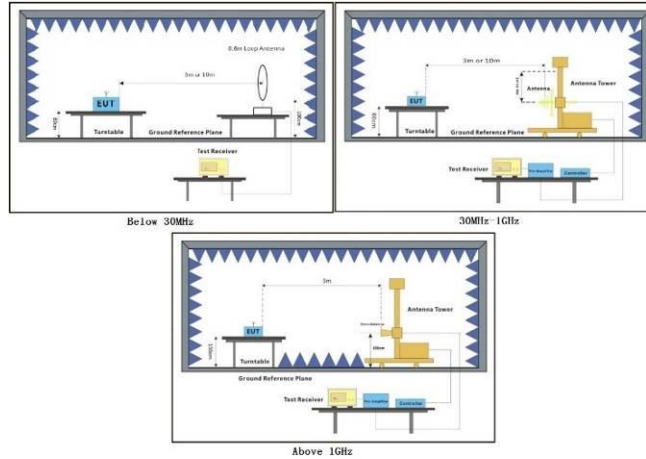


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7.8.3 Test Setup Diagram



7.8.4 Measurement Procedure and Data

- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
 - b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
 - c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
 - d. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
 - e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
 - f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
 - g. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
 - h. Test the EUT in the lowest channel, the middle channel, the Highest channel.
 - i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
 - j. Repeat above procedures until all frequencies measured was complete.
- Remark: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
- k. Test frequency of standard requirement and additional frequency were tested and only the test frequency of standard requirement was recorded in the report.



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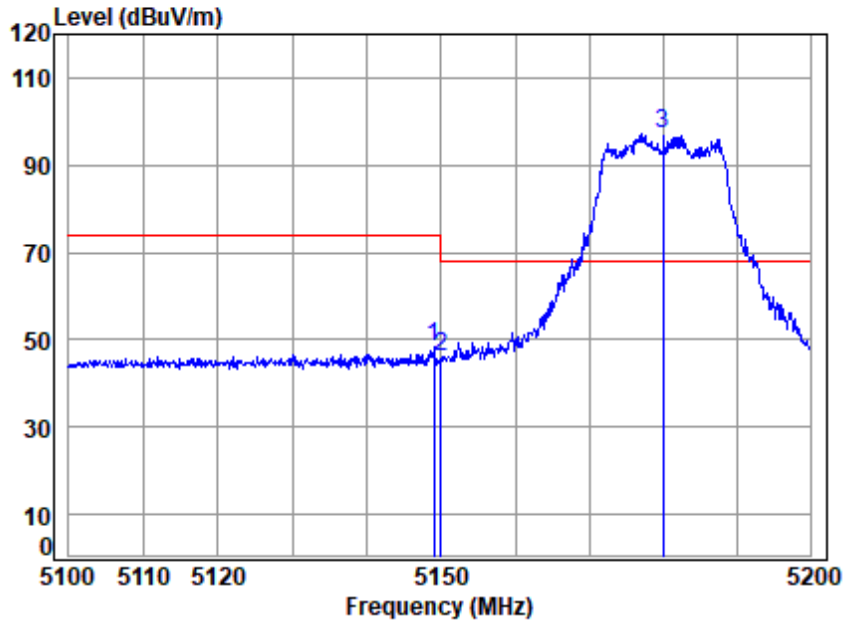
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Report No.: FYCR221100047404

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Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5180 Band edge
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|--------|------------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5148.958 | 8.29 | 31.77 | 31.82 | 39.93 | 48.17 | 74.00 | -25.83 | peak |
| 2 | 5149.980 | 8.29 | 31.77 | 31.82 | 38.01 | 46.25 | 74.00 | -27.75 | peak |
| 3 | 5180.000 | 8.29 | 31.85 | 31.86 | 88.73 | 97.01 | 68.20 | 28.81 | peak |



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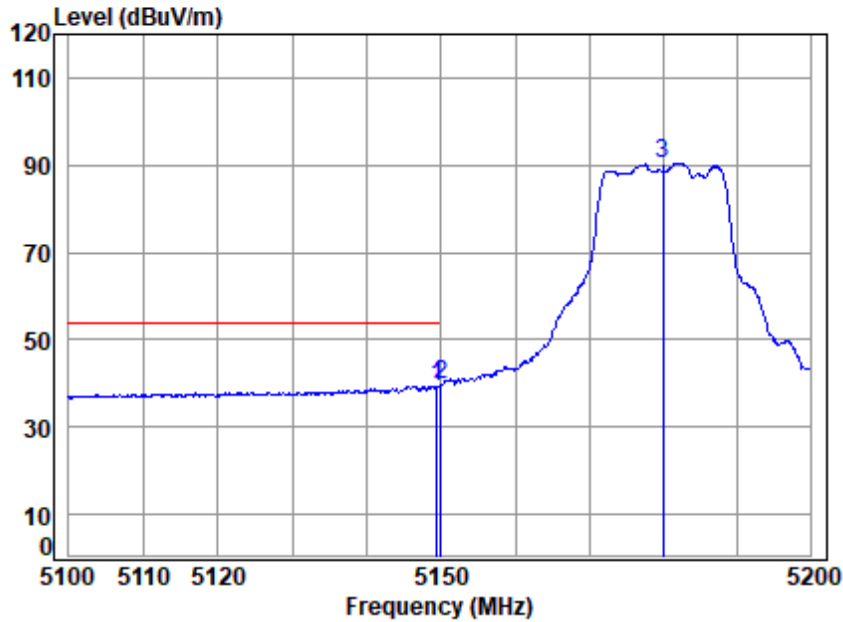
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5180 Band edge
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5149.458 | 8.29 | 31.77 | 31.82 | 31.13 | 39.37 | 54.00 | -14.63 | Average |
| 2 | 5149.980 | 8.29 | 31.77 | 31.82 | 31.58 | 39.82 | 54.00 | -14.18 | Average |
| 3 | 5180.000 | 8.29 | 31.85 | 31.86 | 82.23 | 90.51 | ----- | ----- | Average |



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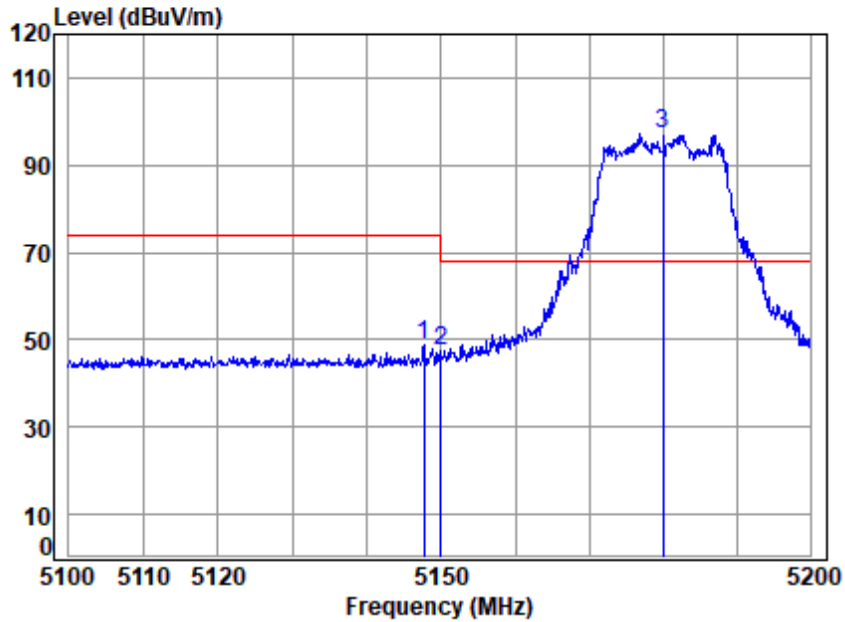
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Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5180 Band edge
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5147.658 | 8.29 | 31.77 | 31.81 | 40.36 | 48.61 | 74.00 | -25.39 | Peak |
| 2 | 5149.980 | 8.29 | 31.77 | 31.82 | 39.20 | 47.44 | 74.00 | -26.56 | Peak |
| 3 | 5180.000 | 8.29 | 31.85 | 31.86 | 88.98 | 97.26 | 68.20 | 29.06 | Peak |



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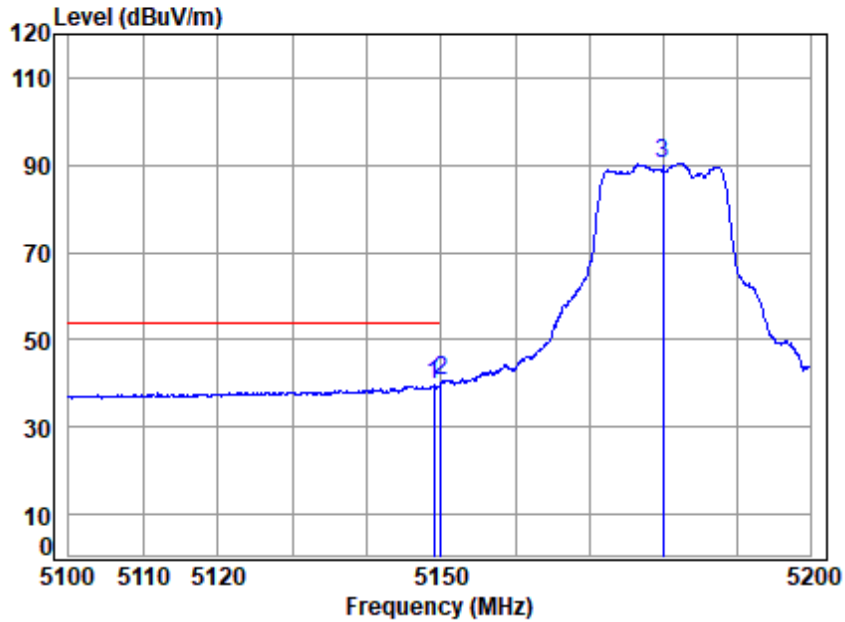
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Report No.: FYCR221100047404

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Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5180 Band edge
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5148.958 | 8.29 | 31.77 | 31.82 | 31.23 | 39.47 | 54.00 | -14.53 | Average |
| 2 | 5149.980 | 8.29 | 31.77 | 31.82 | 32.20 | 40.44 | 54.00 | -13.56 | Average |
| 3 | 5180.000 | 8.29 | 31.85 | 31.86 | 82.18 | 90.46 | ----- | ----- | Average |



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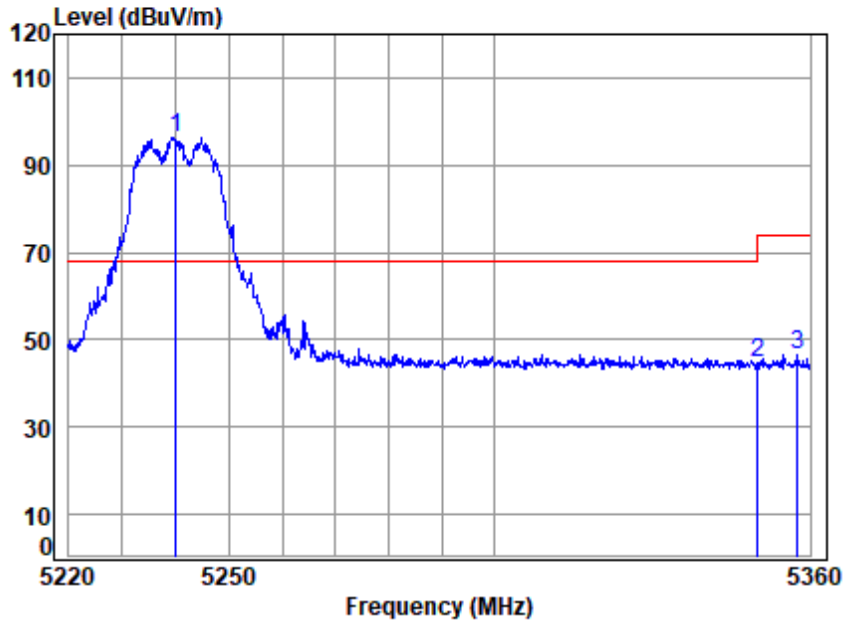
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

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Report No.: FYCR221100047404

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Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5240 Band edge
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|--------|------------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5240.000 | 8.29 | 31.99 | 31.94 | 88.10 | 96.44 | 68.20 | 28.24 | peak |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 36.40 | 44.83 | 74.00 | -29.17 | peak |
| 3 | 5357.589 | 8.28 | 32.27 | 32.11 | 38.21 | 46.65 | 74.00 | -27.35 | peak |



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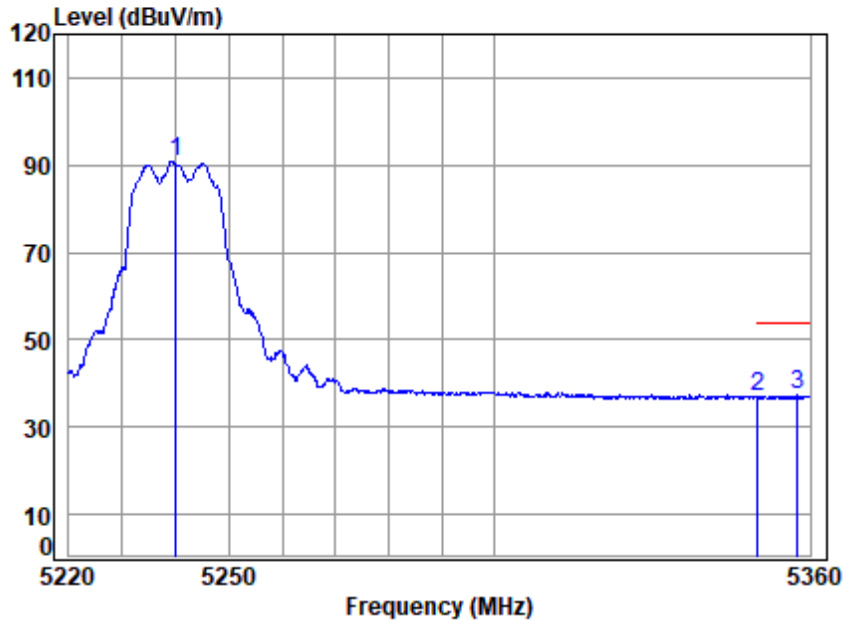
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5240 Band edge
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|--------|------------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5240.000 | 8.29 | 31.99 | 31.94 | 82.34 | 90.68 | ----- | ----- | Average |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 28.43 | 36.86 | 54.00 | -17.14 | Average |
| 3 | 5357.589 | 8.28 | 32.27 | 32.11 | 28.77 | 37.21 | 54.00 | -16.79 | Average |



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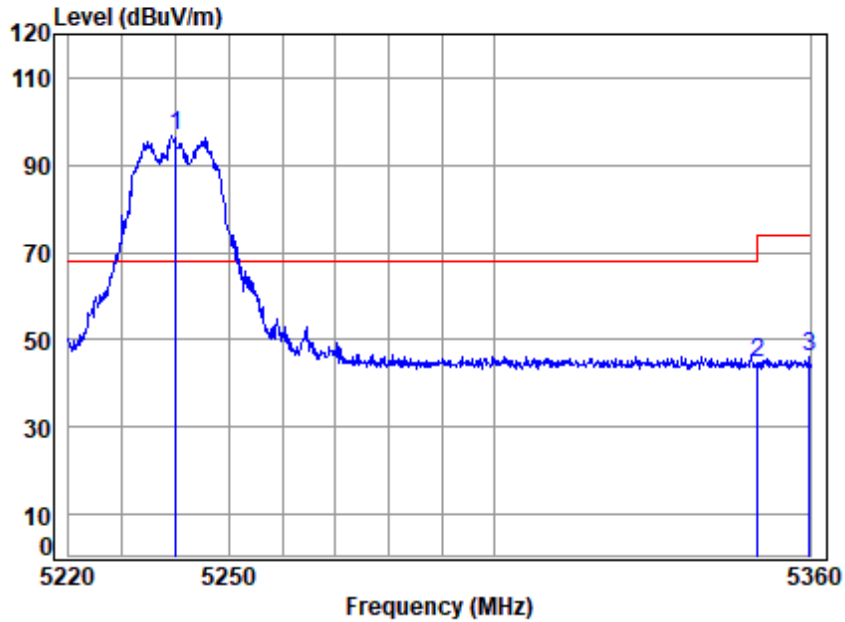
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Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5240 Band edge
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5240.000 | 8.29 | 31.99 | 31.94 | 88.38 | 96.72 | 68.20 | 28.52 | Peak |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 36.16 | 44.59 | 74.00 | -29.41 | Peak |
| 3 | 5359.858 | 8.28 | 32.28 | 32.11 | 37.62 | 46.07 | 74.00 | -27.93 | Peak |



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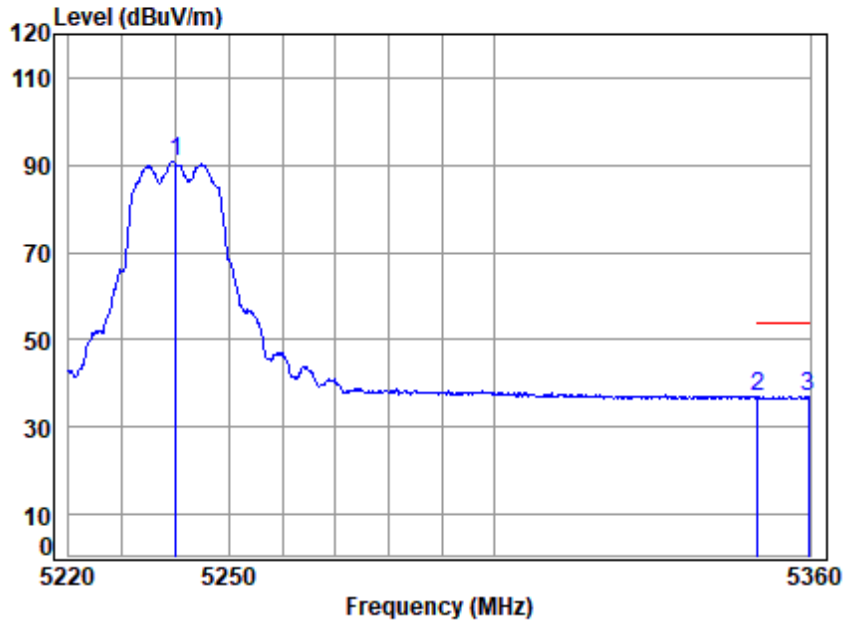
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Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5240 Band edge
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5240.000 | 8.29 | 31.99 | 31.94 | 82.43 | 90.77 | ----- | ----- | Average |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 28.55 | 36.98 | 54.00 | -17.02 | Average |
| 3 | 5359.716 | 8.28 | 32.27 | 32.11 | 28.67 | 37.11 | 54.00 | -16.89 | Average |



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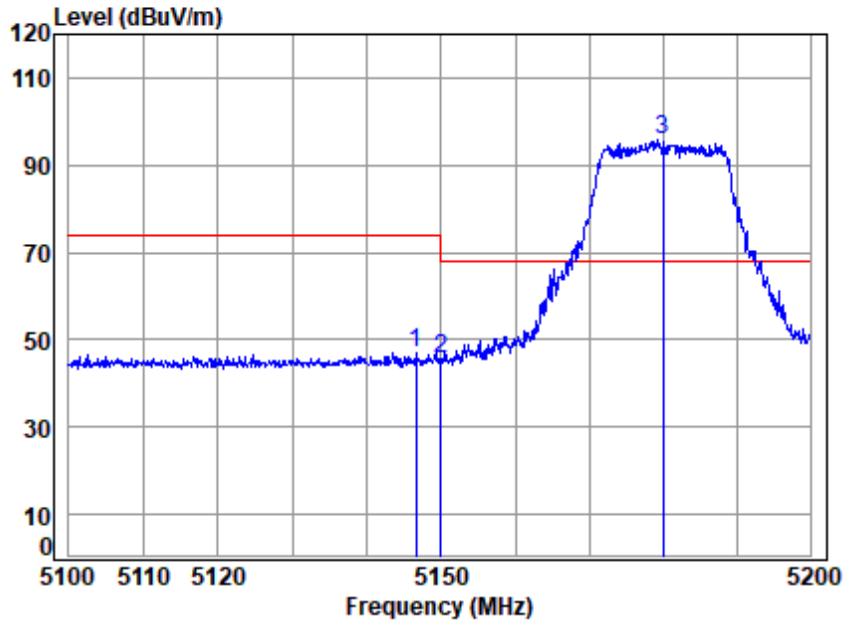
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5180 Band edge
 Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5146.558 | 8.29 | 31.76 | 31.81 | 38.78 | 47.02 | 74.00 | -26.98 peak |
| 2 | 5149.980 | 8.29 | 31.77 | 31.82 | 37.49 | 45.73 | 74.00 | -28.27 peak |
| 3 | 5180.000 | 8.29 | 31.85 | 31.86 | 87.55 | 95.83 | 68.20 | 27.63 peak |



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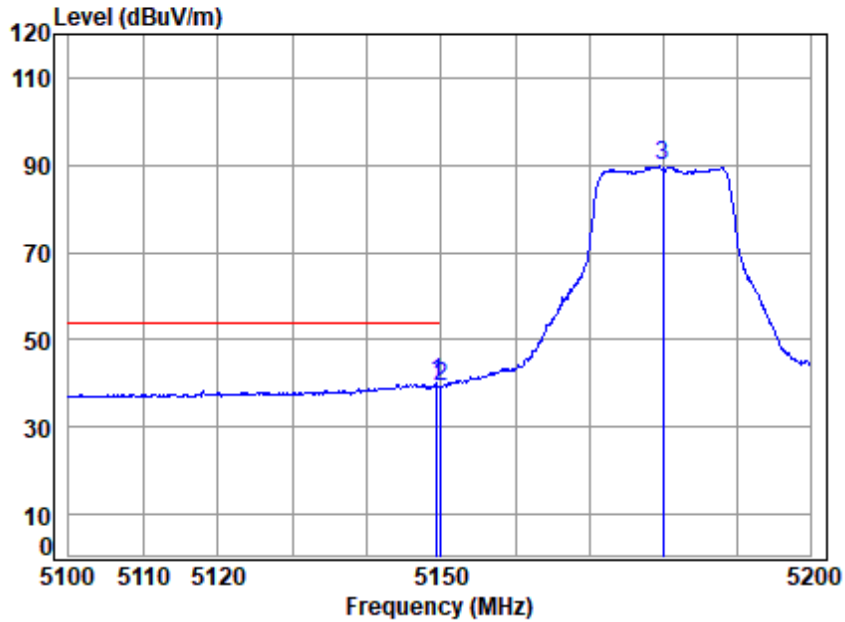
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5180 Band edge
 Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5149.357 | 8.29 | 31.77 | 31.82 | 31.82 | 40.06 | 54.00 | -13.94 | Average |
| 2 | 5149.980 | 8.29 | 31.77 | 31.82 | 31.20 | 39.44 | 54.00 | -14.56 | Average |
| 3 | 5180.000 | 8.29 | 31.85 | 31.86 | 81.39 | 89.67 | ----- | ----- | Average |



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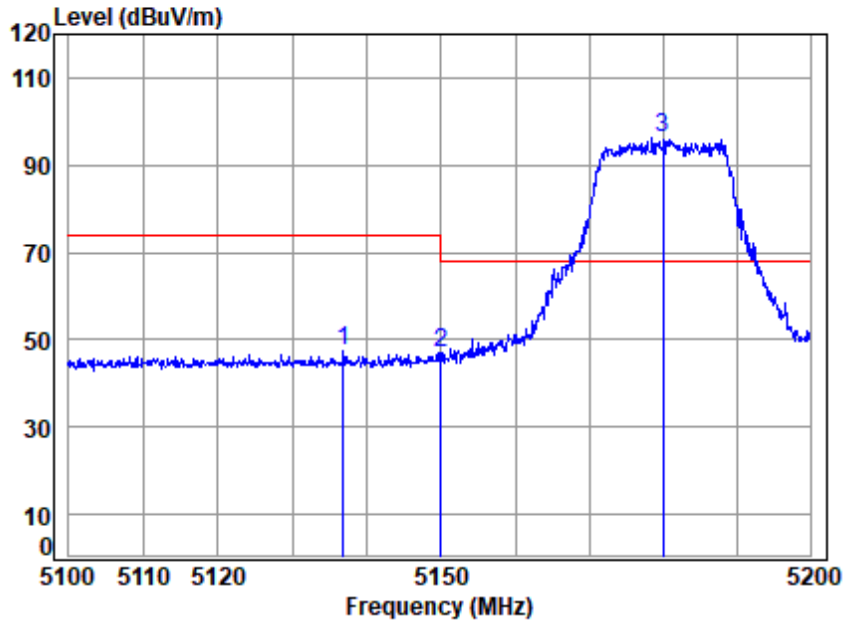
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Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5180 Band edge
 Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5136.874 | 8.29 | 31.74 | 31.80 | 39.34 | 47.57 | 74.00 | -26.43 | Peak |
| 2 | 5149.980 | 8.29 | 31.77 | 31.82 | 38.96 | 47.20 | 74.00 | -26.80 | Peak |
| 3 | 5180.000 | 8.29 | 31.85 | 31.86 | 88.13 | 96.41 | 68.20 | 28.21 | Peak |



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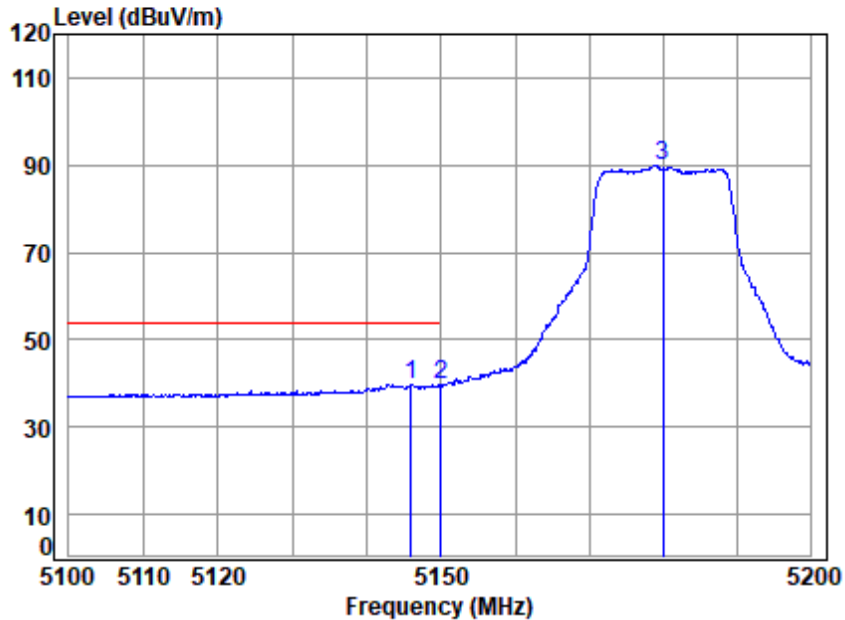
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Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5180 Band edge
 Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5145.958 | 8.29 | 31.76 | 31.81 | 31.52 | 39.76 | 54.00 | -14.24 | Average |
| 2 | 5149.980 | 8.29 | 31.77 | 31.82 | 31.59 | 39.83 | 54.00 | -14.17 | Average |
| 3 | 5180.000 | 8.29 | 31.85 | 31.86 | 81.60 | 89.88 | ----- | ----- | Average |



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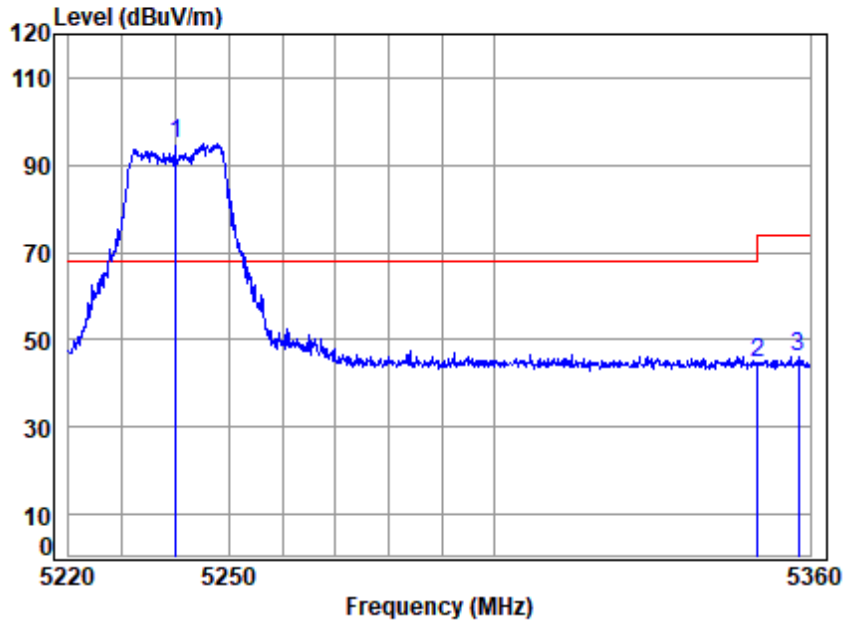
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5240 Band edge
 Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5240.000 | 8.29 | 31.99 | 31.94 | 86.61 | 94.95 | 68.20 | 26.75 | peak |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 36.51 | 44.94 | 74.00 | -29.06 | peak |
| 3 | 5357.730 | 8.28 | 32.27 | 32.11 | 37.81 | 46.25 | 74.00 | -27.75 | peak |



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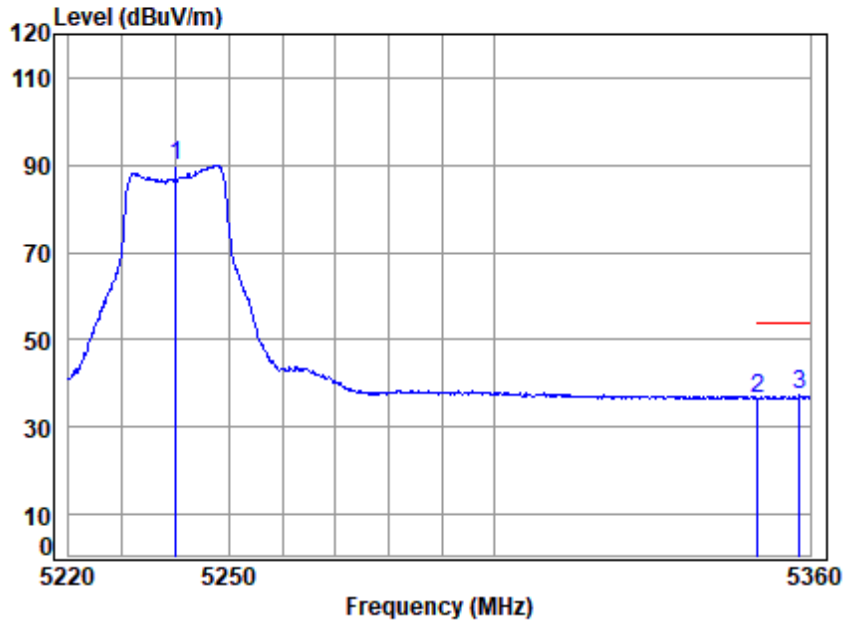
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5240 Band edge
 Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|--------|------------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5240.000 | 8.29 | 31.99 | 31.94 | 81.44 | 89.78 | ----- | ----- | Average |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 28.27 | 36.70 | 54.00 | -17.30 | Average |
| 3 | 5358.014 | 8.28 | 32.27 | 32.11 | 28.75 | 37.19 | 54.00 | -16.81 | Average |



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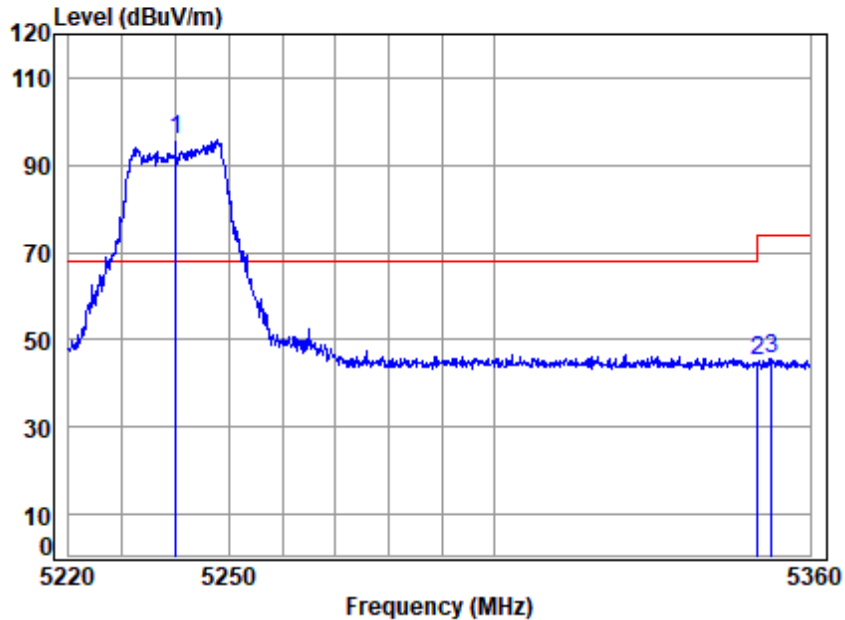
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5240 Band edge
 Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5240.000 | 8.29 | 31.99 | 31.94 | 87.28 | 95.62 | 68.20 | 27.42 Peak |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 36.96 | 45.39 | 74.00 | -28.61 Peak |
| 3 | 5352.628 | 8.28 | 32.26 | 32.10 | 37.01 | 45.45 | 74.00 | -28.55 Peak |



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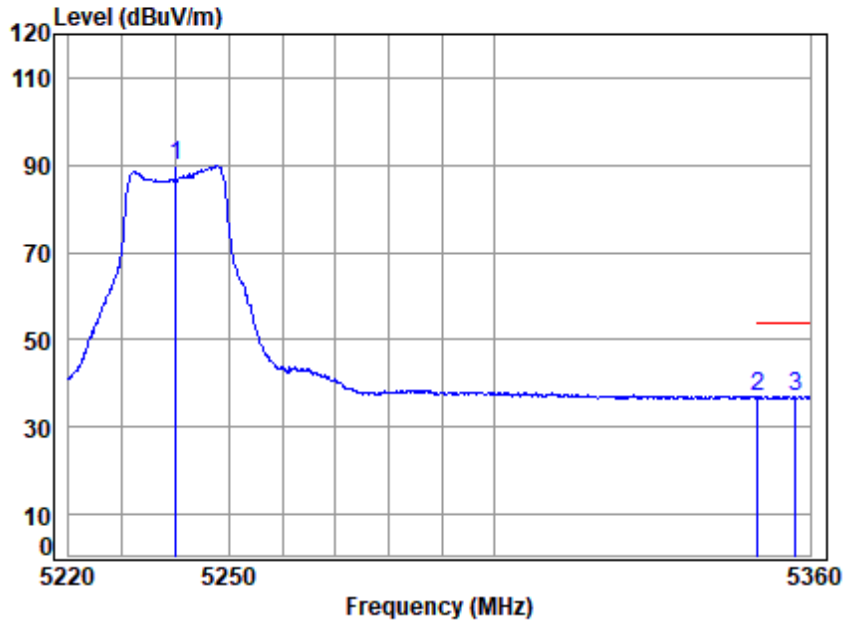
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

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Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5240 Band edge
 Note : 5G WIFI 11N20

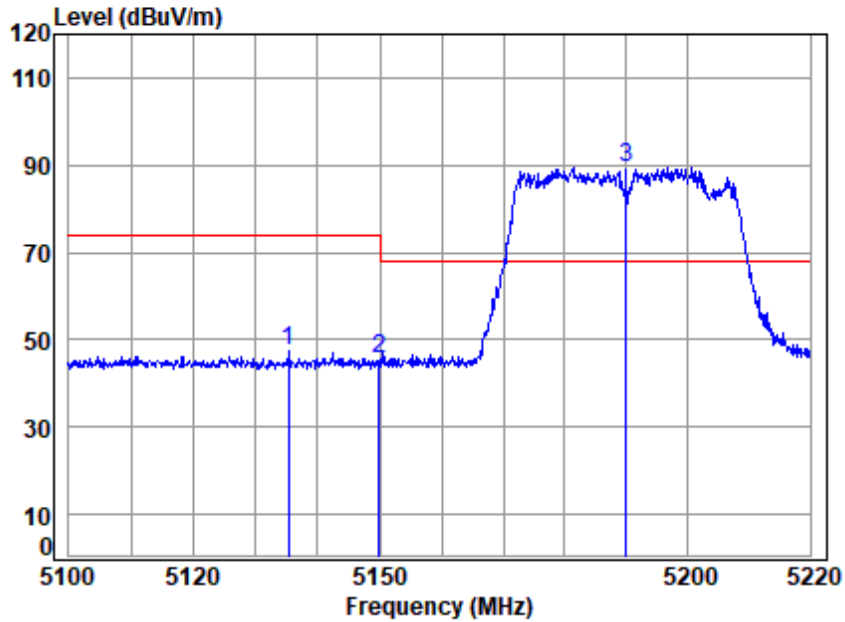
| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5240.000 | 8.29 | 31.99 | 31.94 | 81.43 | 89.77 | ----- | ----- | Average |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 28.33 | 36.76 | 54.00 | -17.24 | Average |
| 3 | 5357.164 | 8.28 | 32.27 | 32.11 | 28.66 | 37.10 | 54.00 | -16.90 | Average |



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Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5190 Band edge
 Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5135.229 | 8.29 | 31.74 | 31.80 | 39.32 | 47.55 | 74.00 | -26.45 | peak |
| 2 | 5149.980 | 8.29 | 31.77 | 31.82 | 37.38 | 45.62 | 74.00 | -28.38 | peak |
| 3 | 5190.000 | 8.29 | 31.87 | 31.87 | 81.17 | 89.46 | 68.20 | 21.26 | peak |



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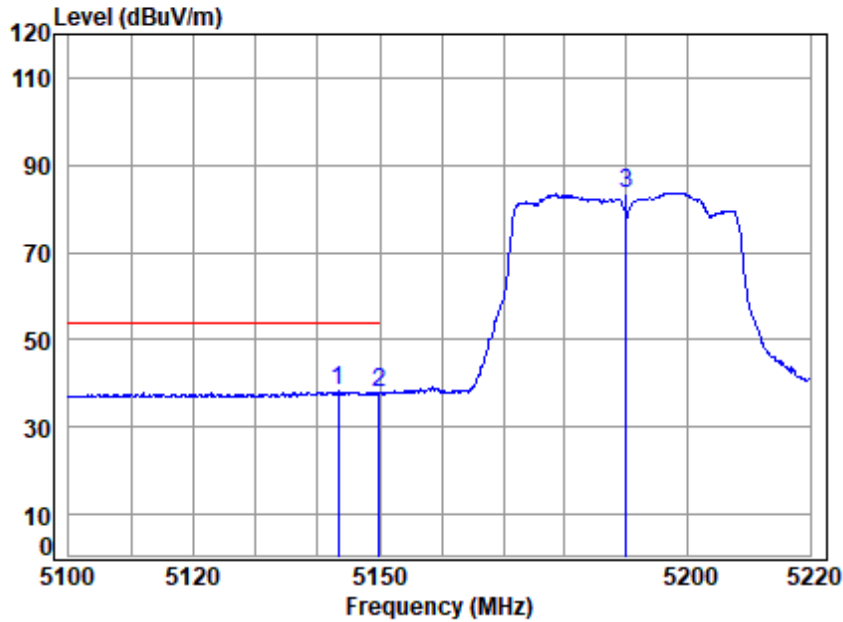
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

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Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5190 Band edge
 Note : 5G WIFI 11N40

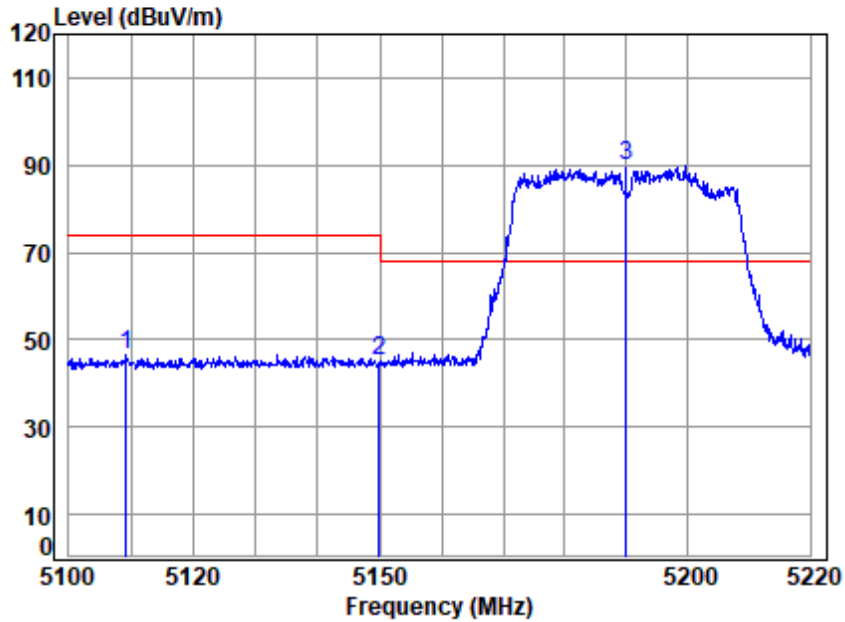
| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|----------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5143.357 | 8.29 | 31.76 | 31.81 | 29.90 | 38.14 | 54.00 | -15.86 Average |
| 2 | 5149.980 | 8.29 | 31.77 | 31.82 | 29.73 | 37.97 | 54.00 | -16.03 Average |
| 3 | 5190.000 | 8.29 | 31.87 | 31.87 | 75.43 | 83.72 | ----- | ----- Average |



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Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5190 Band edge
 Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5109.141 | 8.29 | 31.67 | 31.76 | 38.51 | 46.71 | 74.00 | -27.29 | Peak |
| 2 | 5149.980 | 8.29 | 31.77 | 31.82 | 36.97 | 45.21 | 74.00 | -28.79 | Peak |
| 3 | 5190.000 | 8.29 | 31.87 | 31.87 | 81.63 | 89.92 | 68.20 | 21.72 | Peak |



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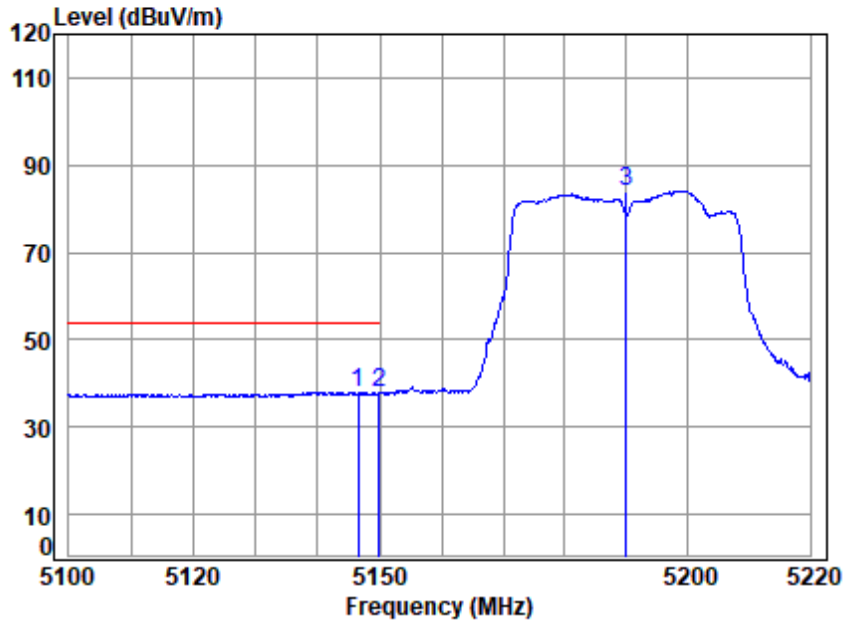
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Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5190 Band edge
 Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5146.588 | 8.29 | 31.76 | 31.81 | 29.78 | 38.02 | 54.00 | -15.98 | Average |
| 2 | 5149.980 | 8.29 | 31.77 | 31.82 | 29.72 | 37.96 | 54.00 | -16.04 | Average |
| 3 | 5190.000 | 8.29 | 31.87 | 31.87 | 75.71 | 84.00 | ----- | ----- | Average |



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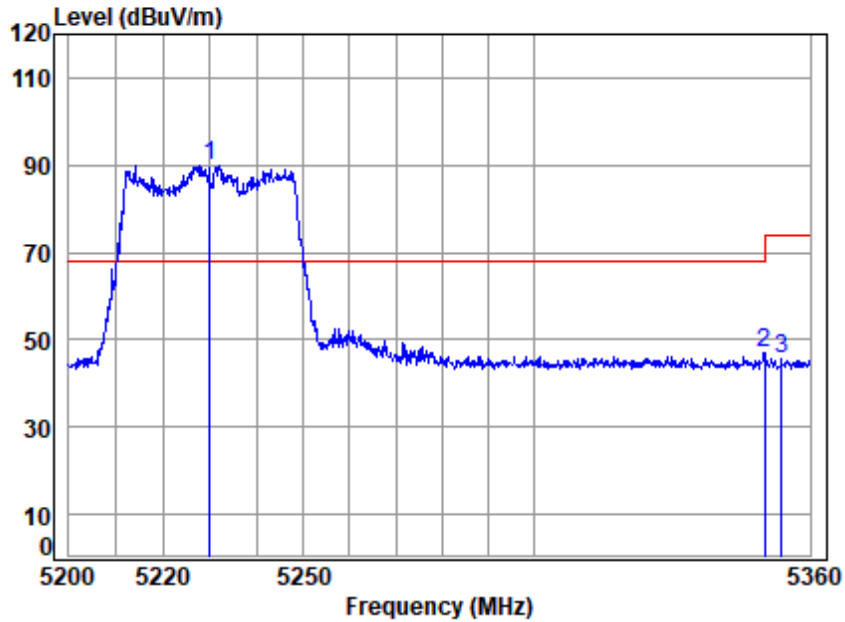
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5230 Band edge
 Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5230.000 | 8.29 | 31.97 | 31.93 | 81.69 | 90.02 | 68.20 | 21.82 peak |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 38.39 | 46.82 | 74.00 | -27.18 peak |
| 3 | 5353.669 | 8.28 | 32.26 | 32.10 | 37.33 | 45.77 | 74.00 | -28.23 peak |



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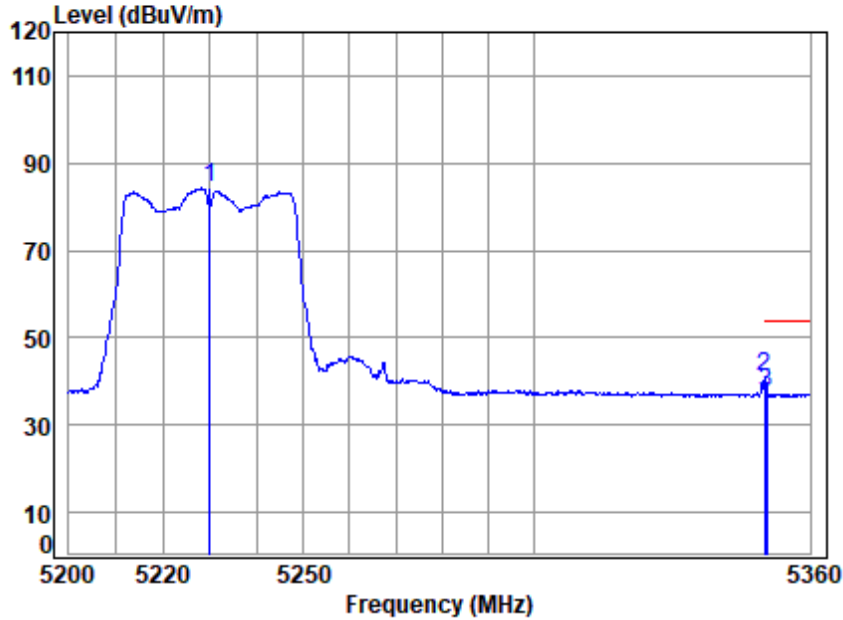
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5230 Band edge
 Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|--------|------------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5230.000 | 8.29 | 31.97 | 31.93 | 75.92 | 84.25 | ----- | ----- | Average |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 32.56 | 40.99 | 54.00 | -13.01 | Average |
| 3 | 5350.587 | 8.28 | 32.25 | 32.10 | 29.19 | 37.62 | 54.00 | -16.38 | Average |



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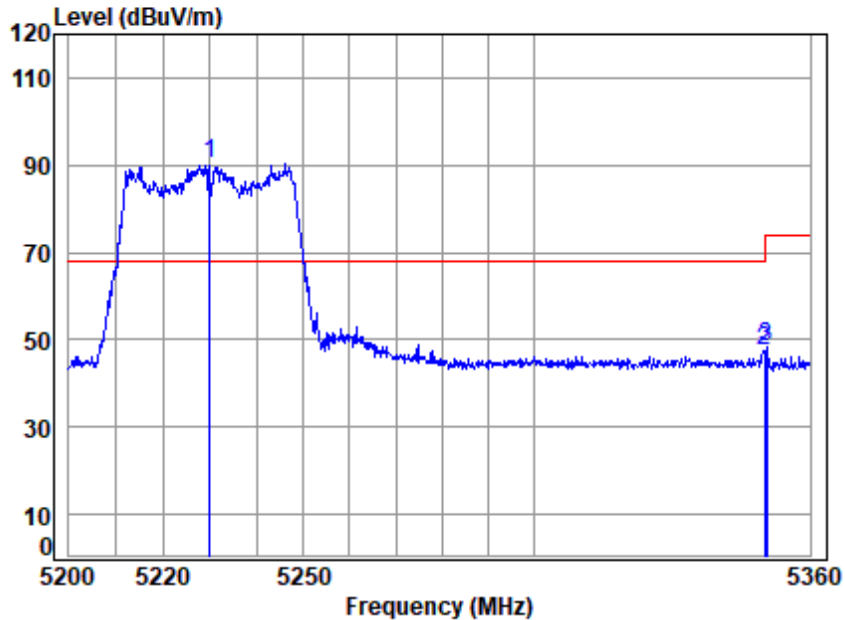
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

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Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5230 Band edge
 Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5230.000 | 8.29 | 31.97 | 31.93 | 81.81 | 90.14 | 68.20 | 21.94 | Peak |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 39.23 | 47.66 | 74.00 | -26.34 | Peak |
| 3 | 5350.587 | 8.28 | 32.25 | 32.10 | 39.84 | 48.27 | 74.00 | -25.73 | Peak |



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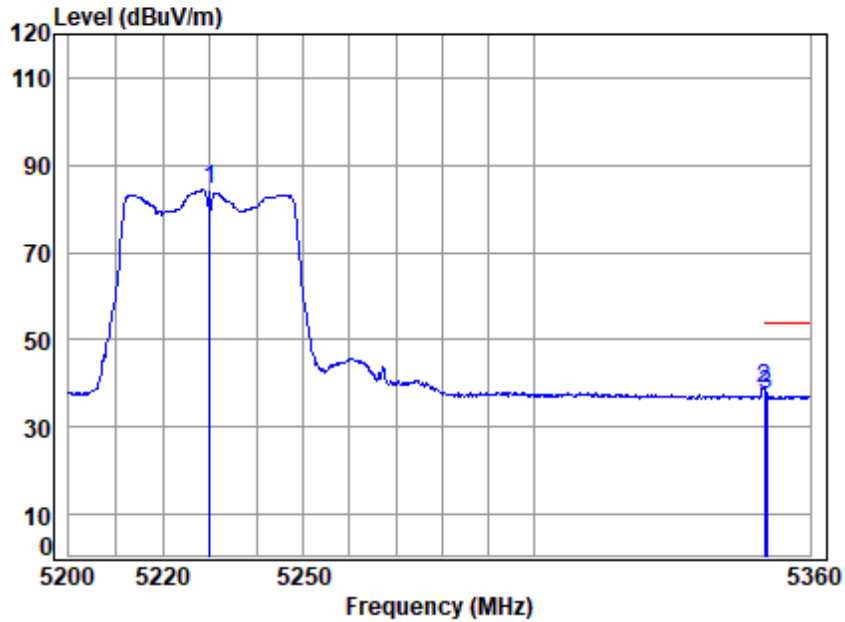
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

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Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5230 Band edge
 Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5230.000 | 8.29 | 31.97 | 31.93 | 75.93 | 84.26 | ----- | ----- | Average |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 30.33 | 38.76 | 54.00 | -15.24 | Average |
| 3 | 5350.587 | 8.28 | 32.25 | 32.10 | 28.83 | 37.26 | 54.00 | -16.74 | Average |



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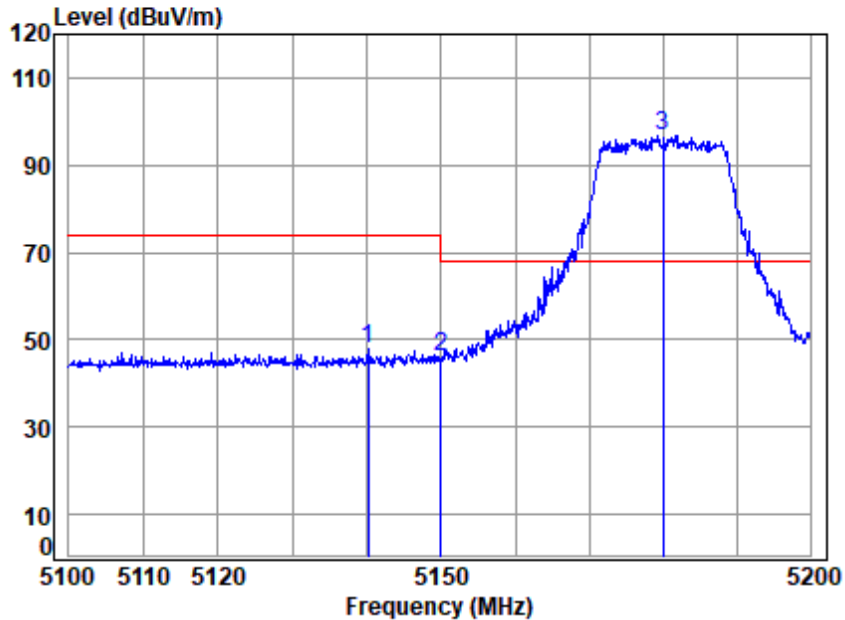
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5180 Band edge
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5140.167 | 8.29 | 31.75 | 31.80 | 39.54 | 47.78 | 74.00 | -26.22 peak |
| 2 | 5149.980 | 8.29 | 31.77 | 31.82 | 37.91 | 46.15 | 74.00 | -27.85 peak |
| 3 | 5180.000 | 8.29 | 31.85 | 31.86 | 88.60 | 96.88 | 68.20 | 28.68 peak |



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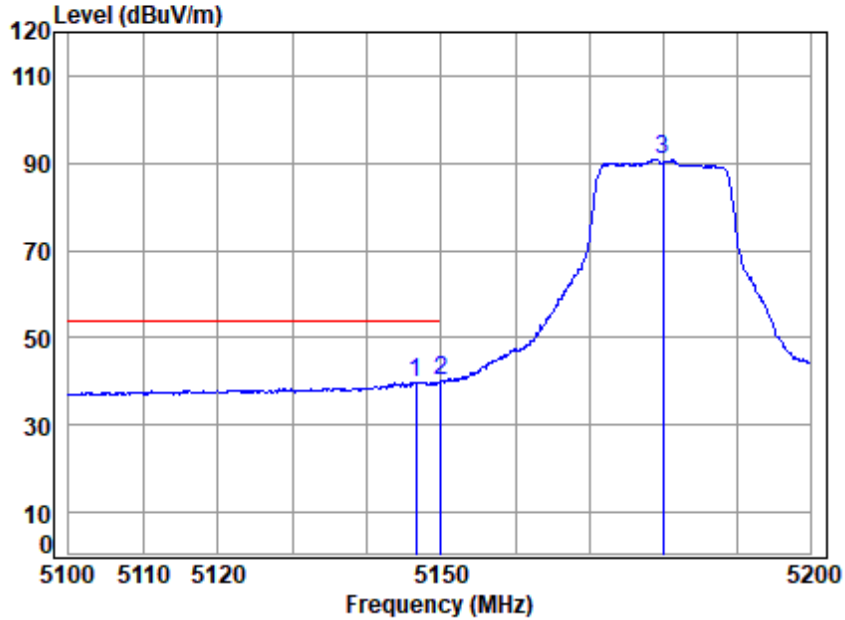
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5180 Band edge
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|----------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5146.558 | 8.29 | 31.76 | 31.81 | 31.68 | 39.92 | 54.00 | -14.08 Average |
| 2 | 5149.980 | 8.29 | 31.77 | 31.82 | 31.87 | 40.11 | 54.00 | -13.89 Average |
| 3 | 5180.000 | 8.29 | 31.85 | 31.86 | 82.68 | 90.96 | ----- | ----- Average |



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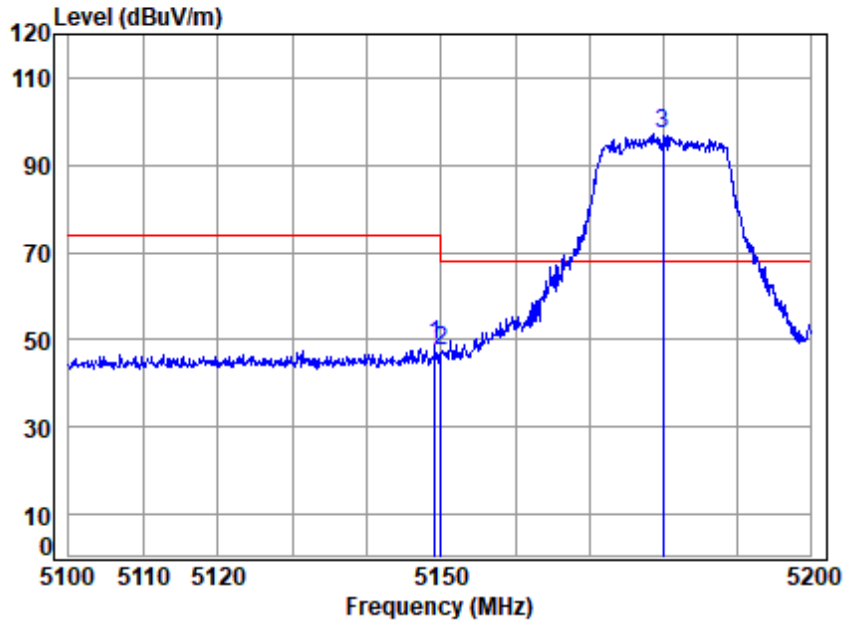
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5180 Band edge
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5149.157 | 8.29 | 31.77 | 31.82 | 40.54 | 48.78 | 74.00 | -25.22 Peak |
| 2 | 5149.980 | 8.29 | 31.77 | 31.82 | 39.37 | 47.61 | 74.00 | -26.39 Peak |
| 3 | 5180.000 | 8.29 | 31.85 | 31.86 | 88.86 | 97.14 | 68.20 | 28.94 Peak |



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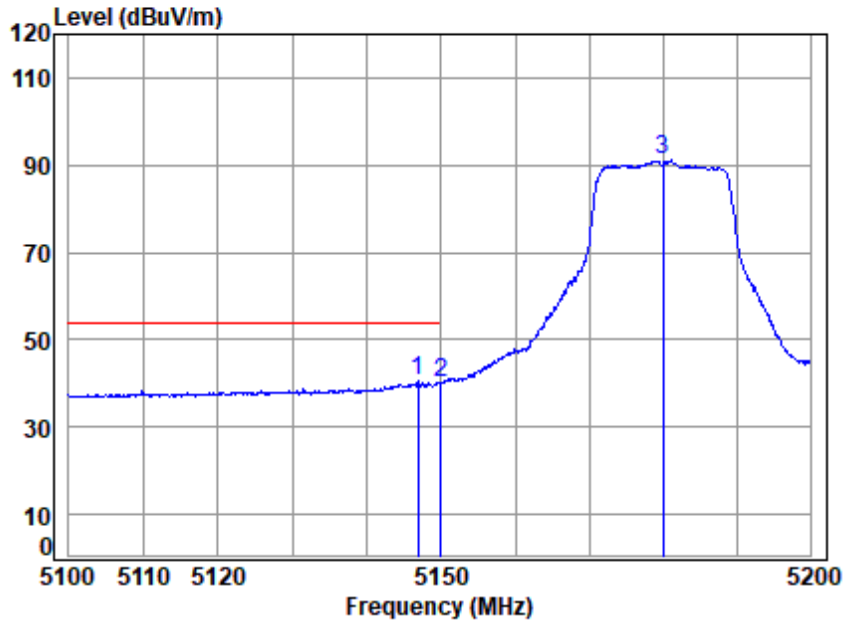
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5180 Band edge
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|----------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5146.858 | 8.29 | 31.76 | 31.81 | 32.19 | 40.43 | 54.00 | -13.57 Average |
| 2 | 5149.980 | 8.29 | 31.77 | 31.82 | 32.00 | 40.24 | 54.00 | -13.76 Average |
| 3 | 5180.000 | 8.29 | 31.85 | 31.86 | 82.77 | 91.05 | ----- | ----- Average |



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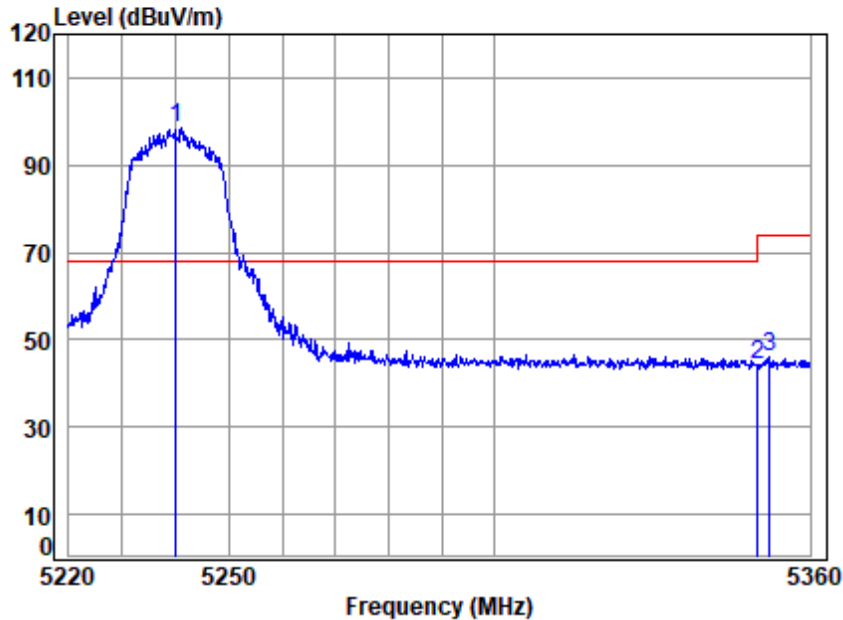
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5240 Band edge
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5240.000 | 8.29 | 31.99 | 31.94 | 90.09 | 68.20 | 30.23 | peak |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 35.69 | 74.00 | -29.88 | peak |
| 3 | 5352.345 | 8.28 | 32.26 | 32.10 | 37.66 | 74.00 | -27.90 | peak |



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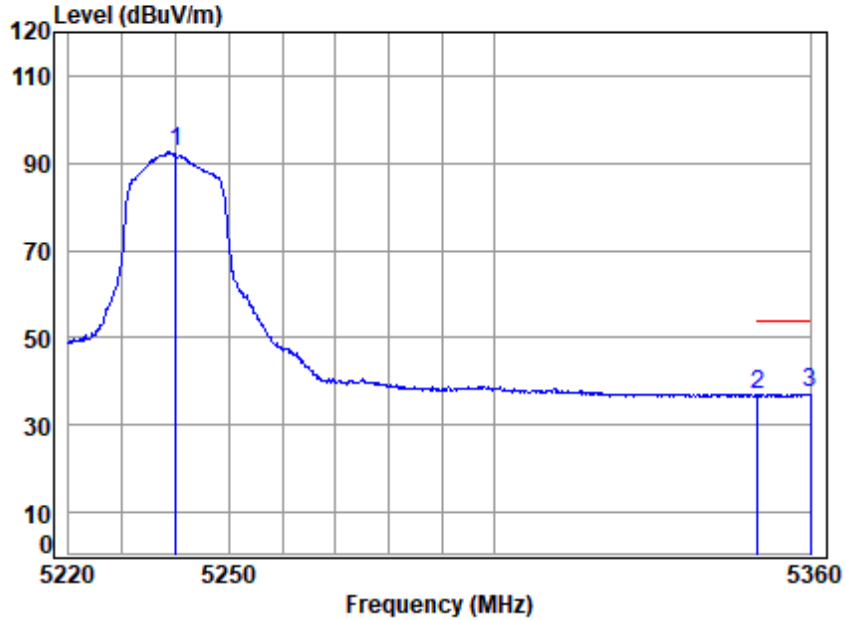
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5240 Band edge
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5240.000 | 8.29 | 31.99 | 31.94 | 84.12 | 92.46 | ----- | ----- | Average |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 28.41 | 36.84 | 54.00 | -17.16 | Average |
| 3 | 5360.000 | 8.28 | 32.28 | 32.11 | 28.82 | 37.27 | 54.00 | -16.73 | Average |



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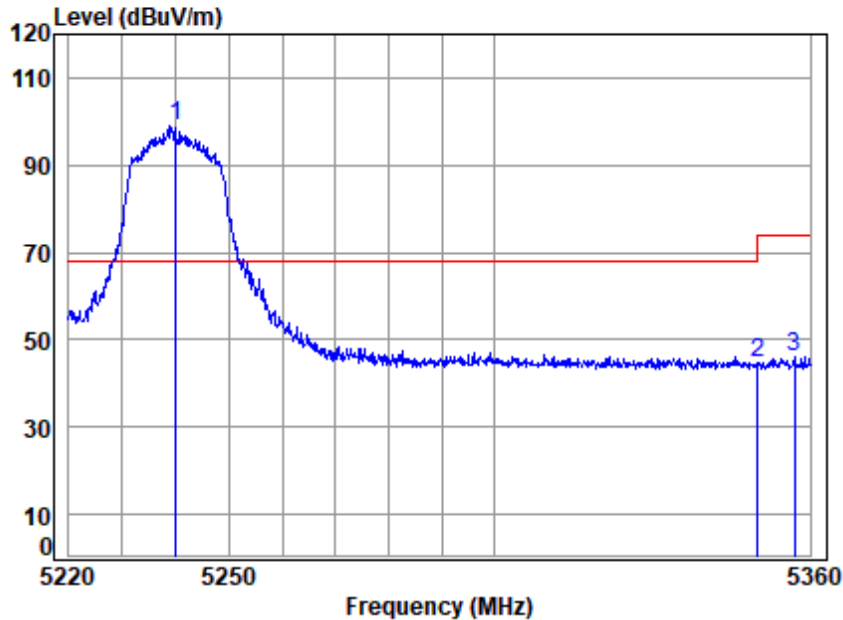
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5240 Band edge
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5240.000 | 8.29 | 31.99 | 31.94 | 90.64 | 98.98 | 68.20 | 30.78 | Peak |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 36.48 | 44.91 | 74.00 | -29.09 | Peak |
| 3 | 5357.022 | 8.28 | 32.27 | 32.11 | 37.57 | 46.01 | 74.00 | -27.99 | Peak |



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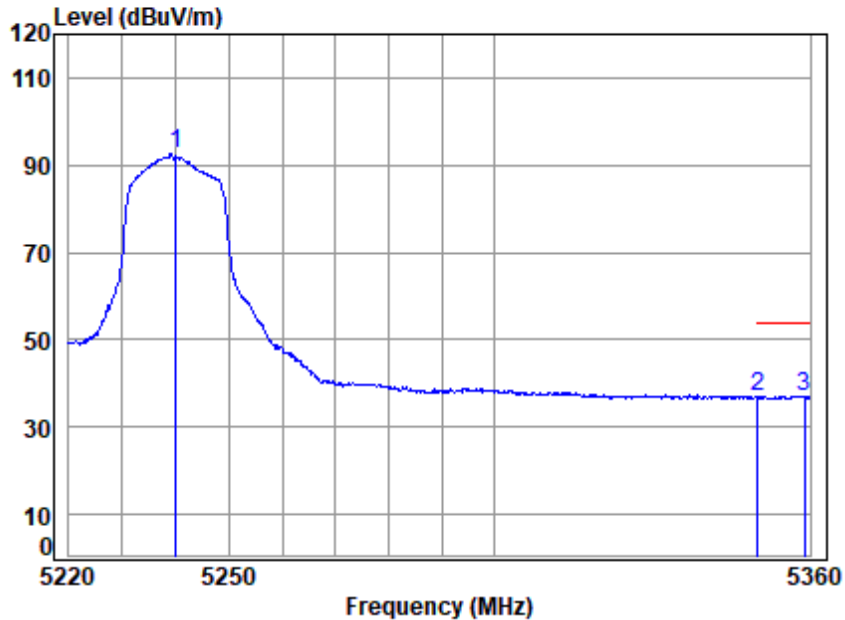
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

Page: 182 of 591

Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5240 Band edge
 Note : 5G WIFI 11AC20

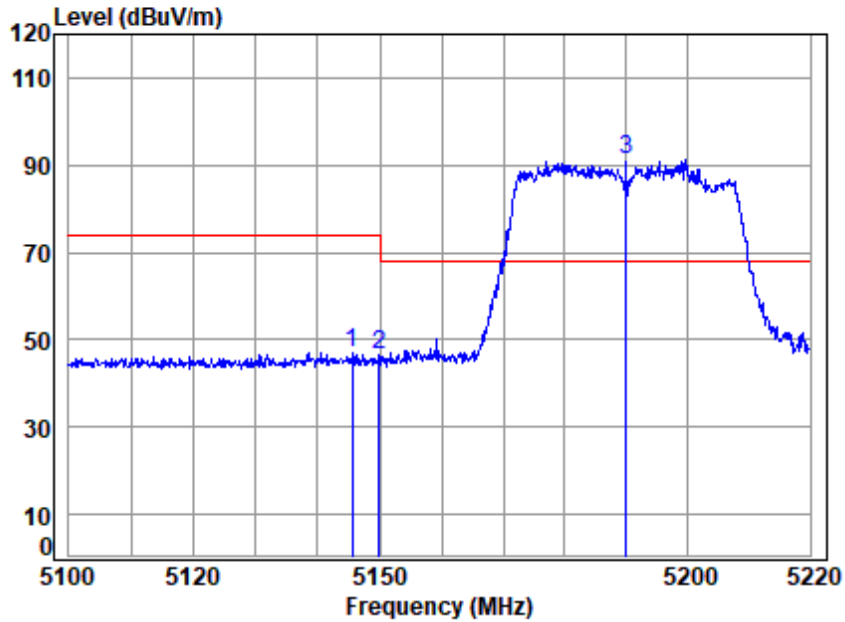
| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5240.000 | 8.29 | 31.99 | 31.94 | 84.11 | 92.45 | ----- | ----- | Average |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 28.36 | 36.79 | 54.00 | -17.21 | Average |
| 3 | 5359.007 | 8.28 | 32.27 | 32.11 | 28.59 | 37.03 | 54.00 | -16.97 | Average |



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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5190 Band edge
 Note : 5G WIFI 11AC40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5145.511 | 8.29 | 31.76 | 31.81 | 38.93 | 47.17 | 74.00 | -26.83 | peak |
| 2 | 5149.980 | 8.29 | 31.77 | 31.82 | 38.17 | 46.41 | 74.00 | -27.59 | peak |
| 3 | 5190.000 | 8.29 | 31.87 | 31.87 | 83.19 | 91.48 | 68.20 | 23.28 | peak |



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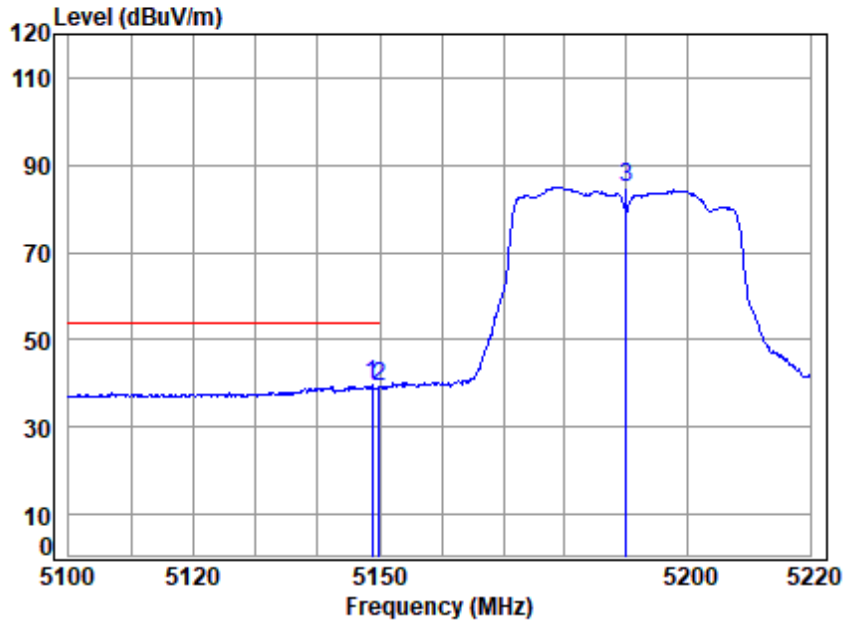
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5190 Band edge
 Note : 5G WIFI 11AC40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5148.743 | 8.29 | 31.77 | 31.82 | 31.23 | 39.47 | 54.00 | -14.53 | Average |
| 2 | 5149.980 | 8.29 | 31.77 | 31.82 | 31.02 | 39.26 | 54.00 | -14.74 | Average |
| 3 | 5190.000 | 8.29 | 31.87 | 31.87 | 76.80 | 85.09 | ----- | ----- | Average |



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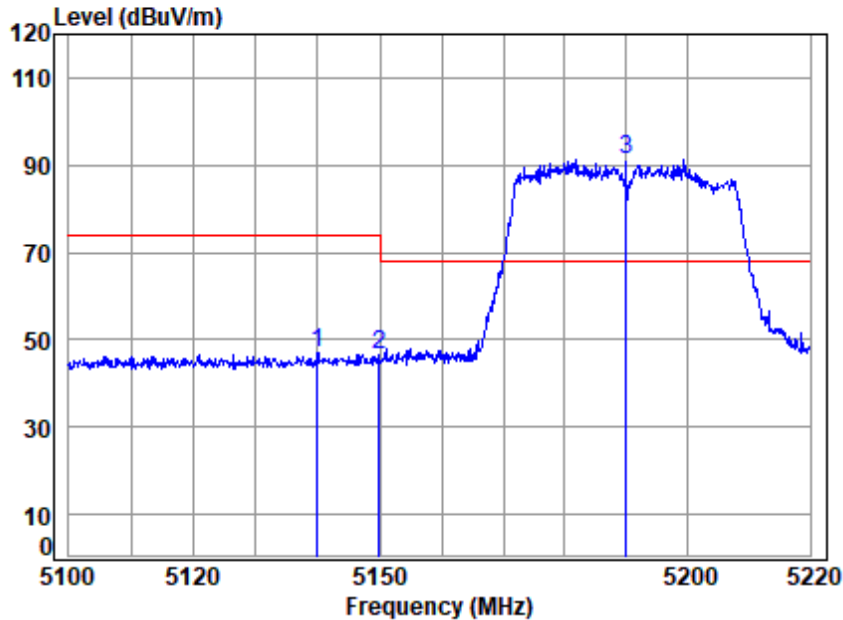
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5190 Band edge
 Note : 5G WIFI 11AC40

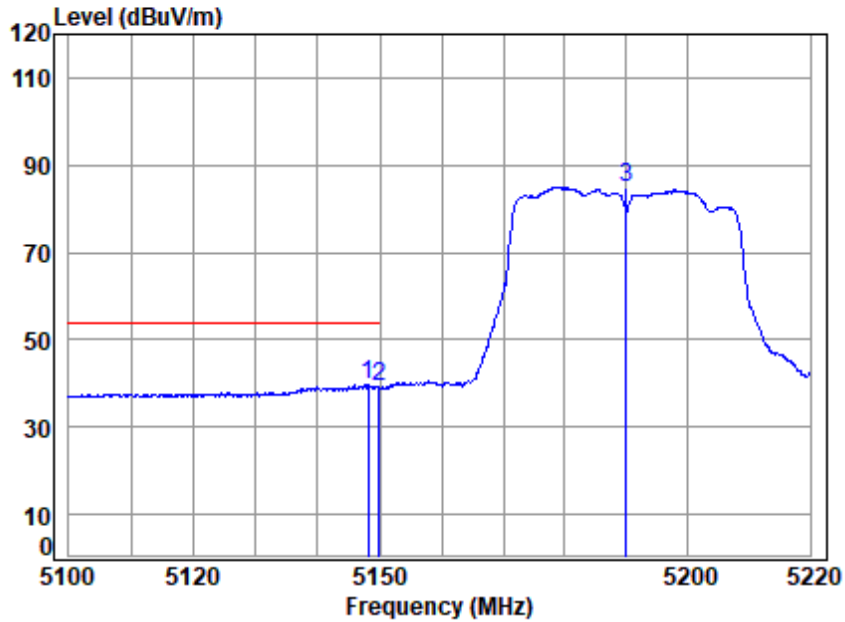
| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5140.009 | 8.29 | 31.75 | 31.80 | 38.98 | 47.22 | 74.00 | -26.78 | Peak |
| 2 | 5149.980 | 8.29 | 31.77 | 31.82 | 38.33 | 46.57 | 74.00 | -27.43 | Peak |
| 3 | 5190.000 | 8.29 | 31.87 | 31.87 | 83.10 | 91.39 | 68.20 | 23.19 | Peak |



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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5190 Band edge
 Note : 5G WIFI 11AC40

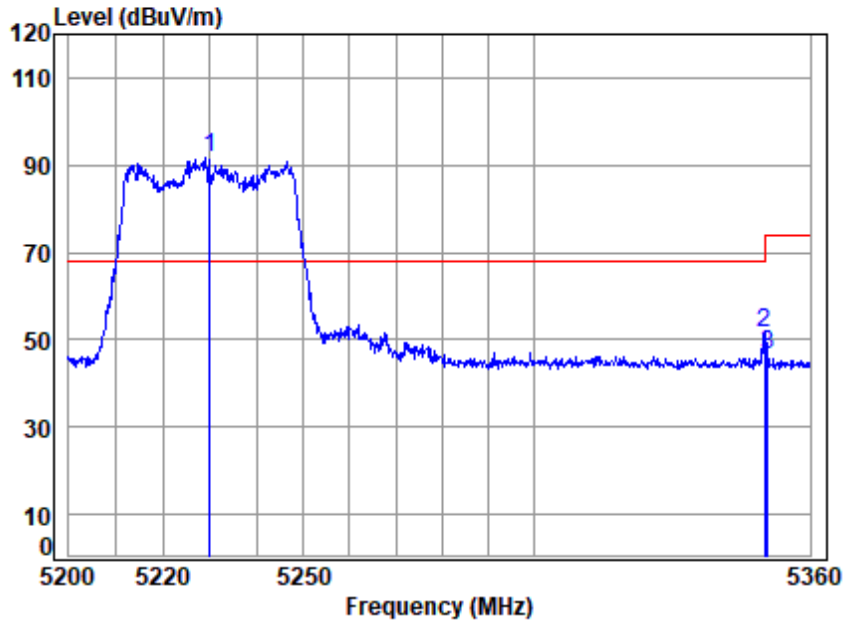
| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5148.144 | 8.29 | 31.77 | 31.81 | 31.45 | 39.70 | 54.00 | -14.30 | Average |
| 2 | 5149.980 | 8.29 | 31.77 | 31.82 | 31.04 | 39.28 | 54.00 | -14.72 | Average |
| 3 | 5190.000 | 8.29 | 31.87 | 31.87 | 76.69 | 84.98 | ----- | ----- | Average |



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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5230 Band edge
 Note : 5G WIFI 11AC40

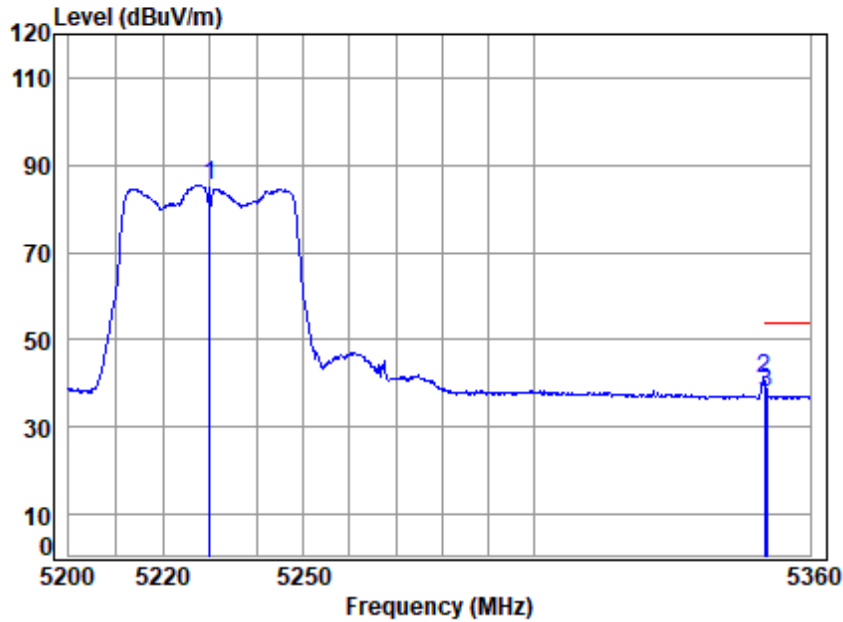
| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5230.000 | 8.29 | 31.97 | 31.93 | 83.37 | 91.70 | 68.20 | 23.50 peak |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 42.97 | 51.40 | 74.00 | -22.60 peak |
| 3 | 5350.749 | 8.28 | 32.25 | 32.10 | 38.11 | 46.54 | 74.00 | -27.46 peak |



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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5230 Band edge
 Note : 5G WIFI 11AC40

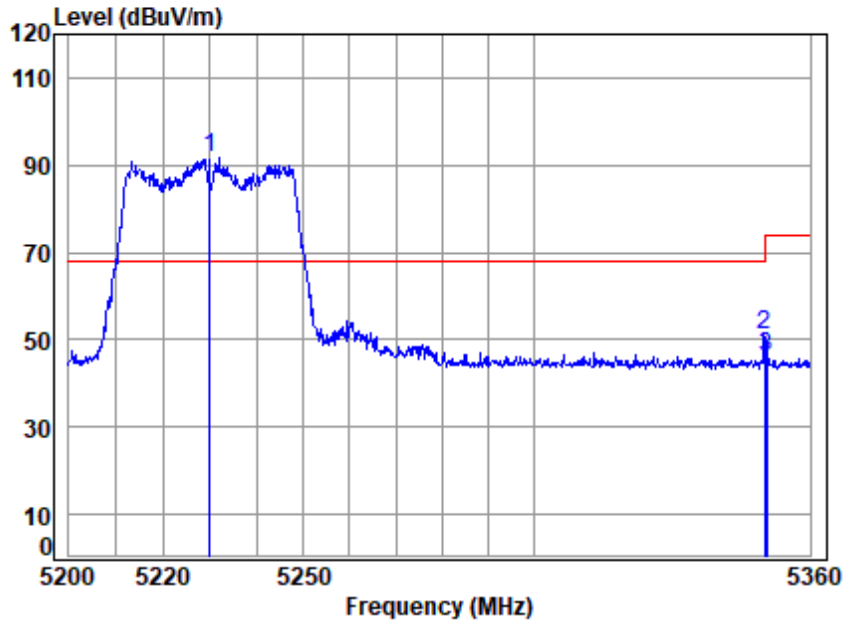
| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5230.000 | 8.29 | 31.97 | 31.93 | 77.17 | 85.50 | ----- | ----- | Average |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 32.52 | 40.95 | 54.00 | -13.05 | Average |
| 3 | 5350.587 | 8.28 | 32.25 | 32.10 | 29.63 | 38.06 | 54.00 | -15.94 | Average |



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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5230 Band edge
 Note : 5G WIFI 11AC40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5230.000 | 8.29 | 31.97 | 31.93 | 83.25 | 91.58 | 68.20 | 23.38 | Peak |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 42.77 | 51.20 | 74.00 | -22.80 | Peak |
| 3 | 5350.587 | 8.28 | 32.25 | 32.10 | 37.56 | 45.99 | 74.00 | -28.01 | Peak |



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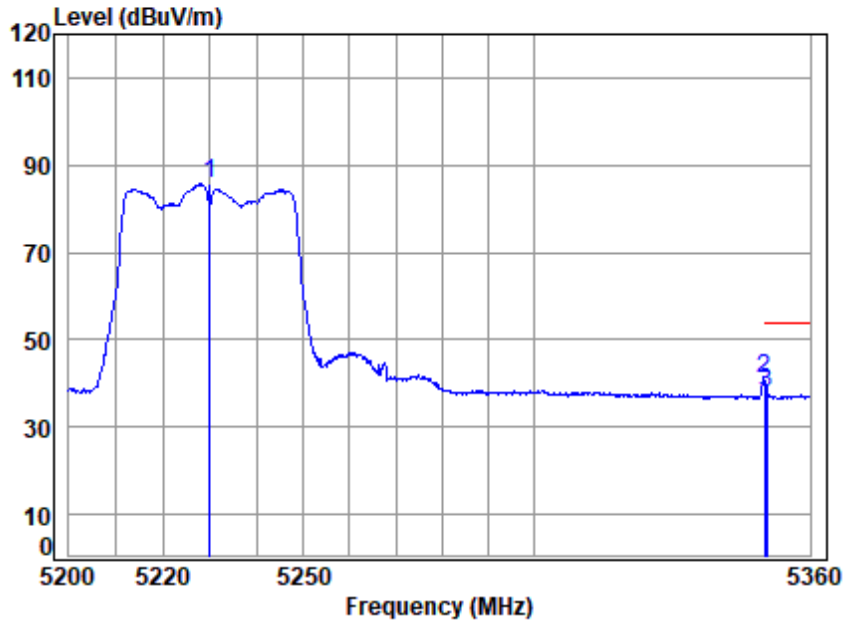
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5230 Band edge
 Note : 5G WIFI 11AC40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Limit Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5230.000 | 8.29 | 31.97 | 31.93 | 77.28 | 85.61 | ----- | ----- | Average |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 32.54 | 40.97 | 54.00 | -13.03 | Average |
| 3 | 5350.587 | 8.28 | 32.25 | 32.10 | 29.51 | 37.94 | 54.00 | -16.06 | Average |



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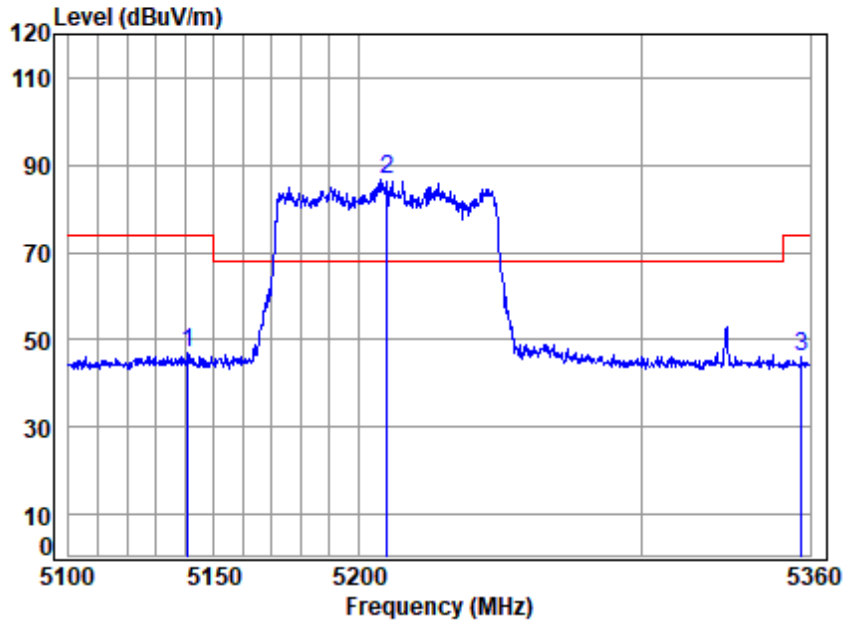
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5210 Band edge
 Note : 5G WIFI 11AC80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5140.992 | 8.29 | 31.75 | 31.80 | 38.57 | 46.81 | 74.00 | -27.19 | peak |
| 2 | 5210.000 | 8.29 | 31.92 | 31.90 | 78.22 | 86.53 | 68.20 | 18.33 | peak |
| 3 | 5356.803 | 8.28 | 32.27 | 32.11 | 37.62 | 46.06 | 74.00 | -27.94 | peak |



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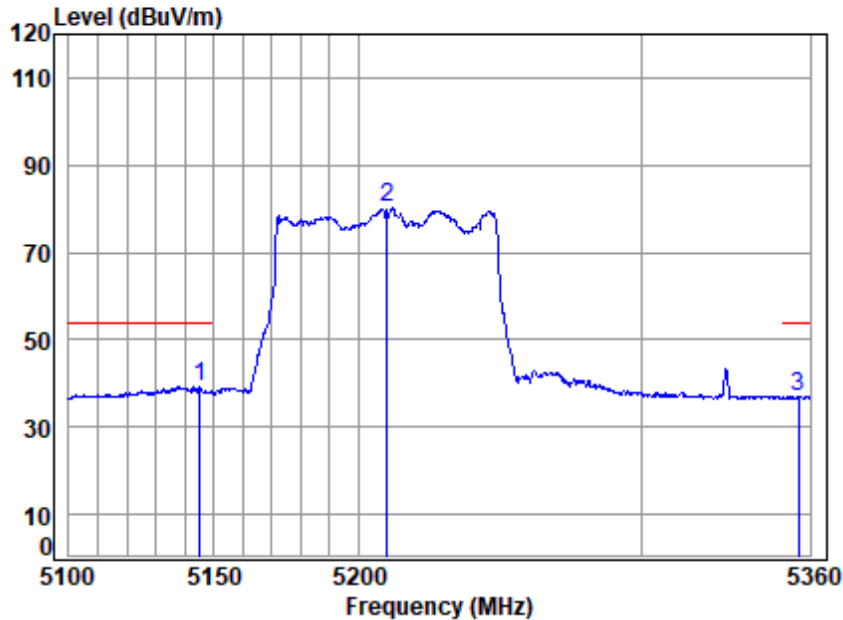
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5210 Band edge
 Note : 5G WIFI 11AC80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5145.083 | 8.29 | 31.76 | 31.81 | 31.15 | 39.39 | 54.00 | -14.61 | Average |
| 2 | 5210.000 | 8.29 | 31.92 | 31.90 | 71.78 | 80.09 | ----- | ----- | Average |
| 3 | 5356.004 | 8.28 | 32.27 | 32.11 | 28.63 | 37.07 | 54.00 | -16.93 | Average |



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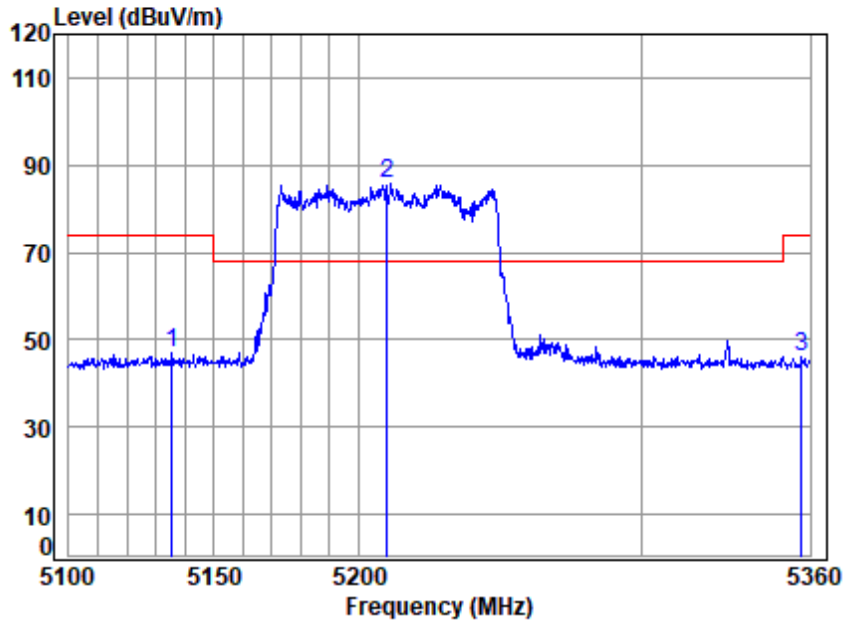
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5210 Band edge
 Note : 5G WIFI 11AC80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5135.371 | 8.29 | 31.74 | 31.80 | 38.91 | 47.14 | 74.00 | -26.86 | Peak |
| 2 | 5210.000 | 8.29 | 31.92 | 31.90 | 77.35 | 85.66 | 68.20 | 17.46 | Peak |
| 3 | 5356.803 | 8.28 | 32.27 | 32.11 | 37.53 | 45.97 | 74.00 | -28.03 | Peak |



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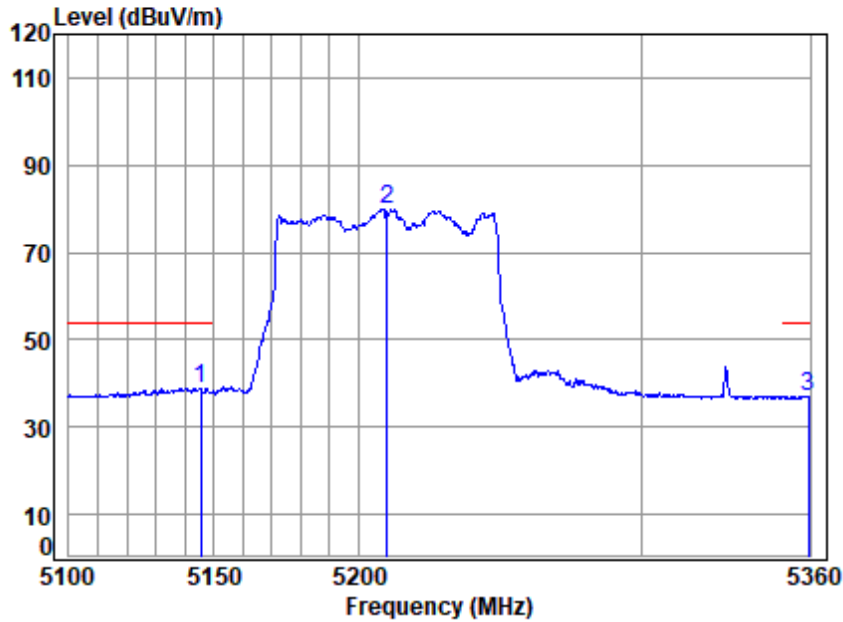
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5210 Band edge
 Note : 5G WIFI 11AC80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5145.339 | 8.29 | 31.76 | 31.81 | 30.75 | 38.99 | 54.00 | -15.01 | Average |
| 2 | 5210.000 | 8.29 | 31.92 | 31.90 | 71.50 | 79.81 | ----- | ----- | Average |
| 3 | 5359.467 | 8.28 | 32.27 | 32.11 | 28.57 | 37.01 | 54.00 | -16.99 | Average |



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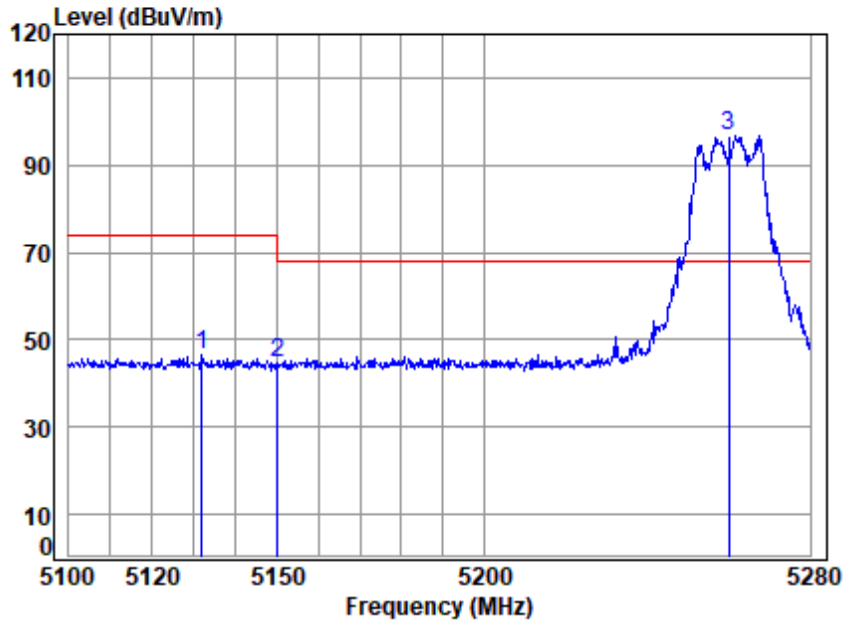
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5260 Band edge
 Note : 5G WIFI 11A

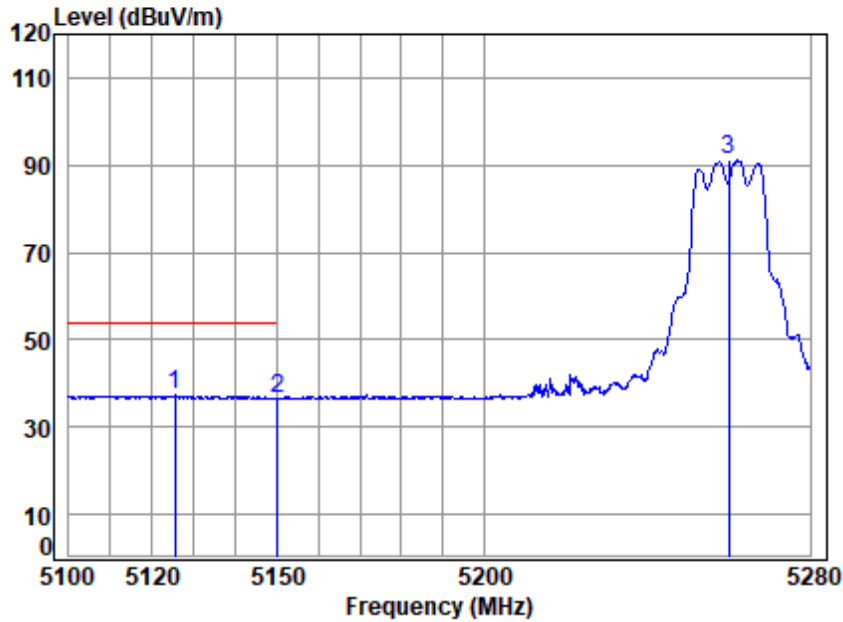
| | Cable | Ant | Preamp | Read | Limit | Over | | |
|------|-------|--------|--------|-------|--------|--------|--------|--------|
| Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 8.29 | 31.73 | 31.79 | 38.21 | 46.44 | 74.00 | -27.56 | peak |
| 2 | 8.29 | 31.77 | 31.82 | 36.28 | 44.52 | 74.00 | -29.48 | peak |
| 3 | 8.28 | 32.04 | 31.97 | 88.59 | 96.94 | 68.20 | 28.74 | peak |



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Test Mode: 05; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5260 Band edge
 Note : 5G WIFI 11A

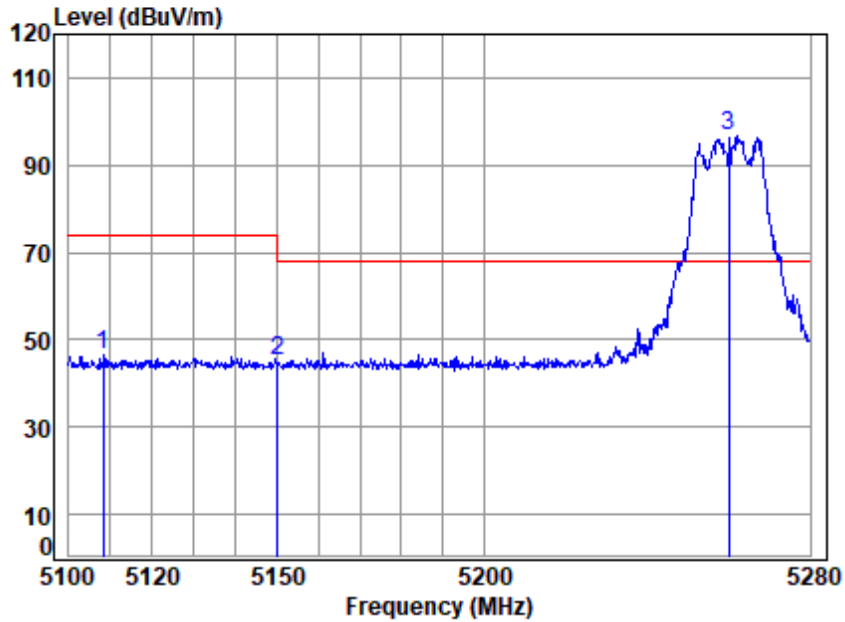
| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5125.359 | 8.29 | 31.71 | 31.78 | 29.01 | 37.23 | 54.00 | -16.77 | Average |
| 2 | 5149.980 | 8.29 | 31.77 | 31.82 | 28.39 | 36.63 | 54.00 | -17.37 | Average |
| 3 | 5260.000 | 8.28 | 32.04 | 31.97 | 82.74 | 91.09 | ----- | ----- | Average |



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Test Mode: 05; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5260 Band edge
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5108.321 | 8.29 | 31.67 | 31.76 | 38.14 | 46.34 | 74.00 | -27.66 Peak |
| 2 | 5149.980 | 8.29 | 31.77 | 31.82 | 36.82 | 45.06 | 74.00 | -28.94 Peak |
| 3 | 5260.000 | 8.28 | 32.04 | 31.97 | 88.41 | 96.76 | 68.20 | 28.56 Peak |



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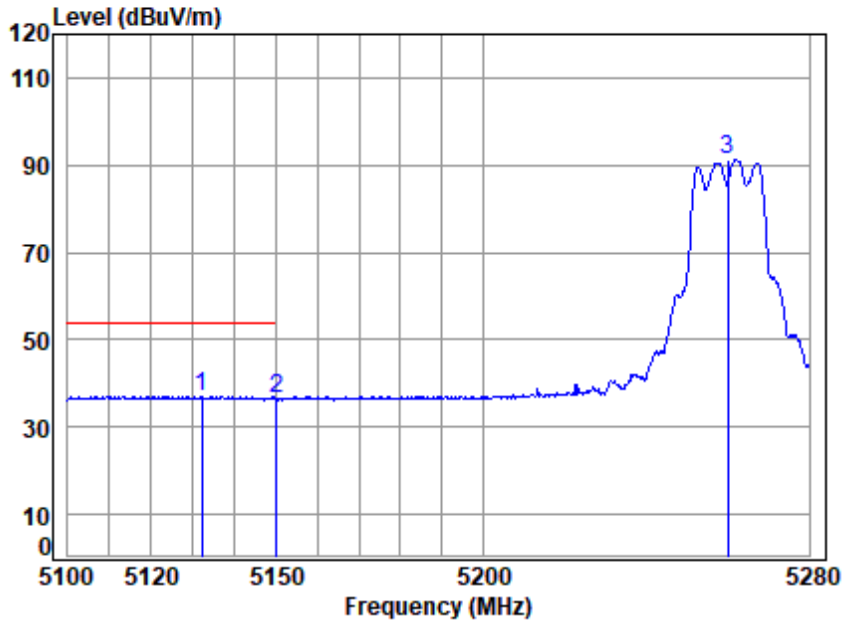
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Test Mode: 05; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5260 Band edge
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|--------|------------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5132.119 | 8.29 | 31.73 | 31.79 | 28.89 | 37.12 | 54.00 | -16.88 | Average |
| 2 | 5149.980 | 8.29 | 31.77 | 31.82 | 28.41 | 36.65 | 54.00 | -17.35 | Average |
| 3 | 5260.000 | 8.28 | 32.04 | 31.97 | 82.82 | 91.17 | ----- | ----- | Average |



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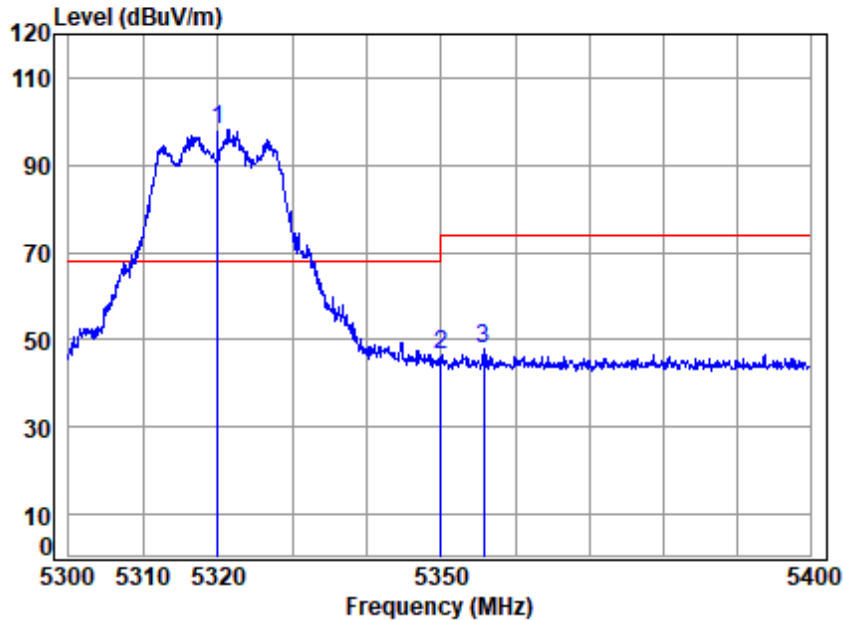
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5320 Band edge
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5320.000 | 8.28 | 32.18 | 32.06 | 89.74 | 98.14 | 68.20 | 29.94 peak |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 38.06 | 46.49 | 74.00 | -27.51 peak |
| 3 | 5355.770 | 8.28 | 32.27 | 32.10 | 39.59 | 48.04 | 74.00 | -25.96 peak |



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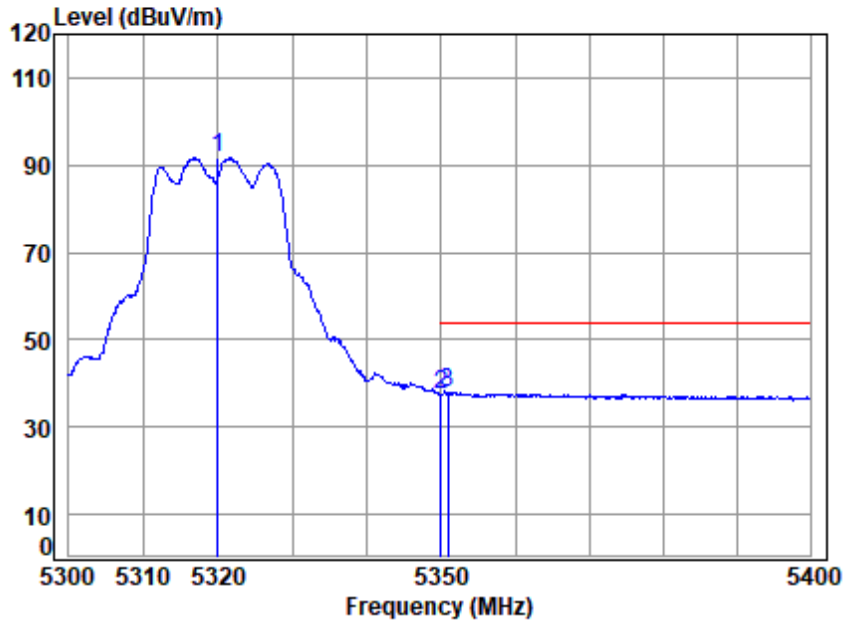
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 05; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5320 Band edge
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Limit Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5320.000 | 8.28 | 32.18 | 32.06 | 83.21 | 91.61 | ----- | ----- | Average |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 29.17 | 37.60 | 54.00 | -16.40 | Average |
| 3 | 5350.866 | 8.28 | 32.25 | 32.10 | 29.57 | 38.00 | 54.00 | -16.00 | Average |



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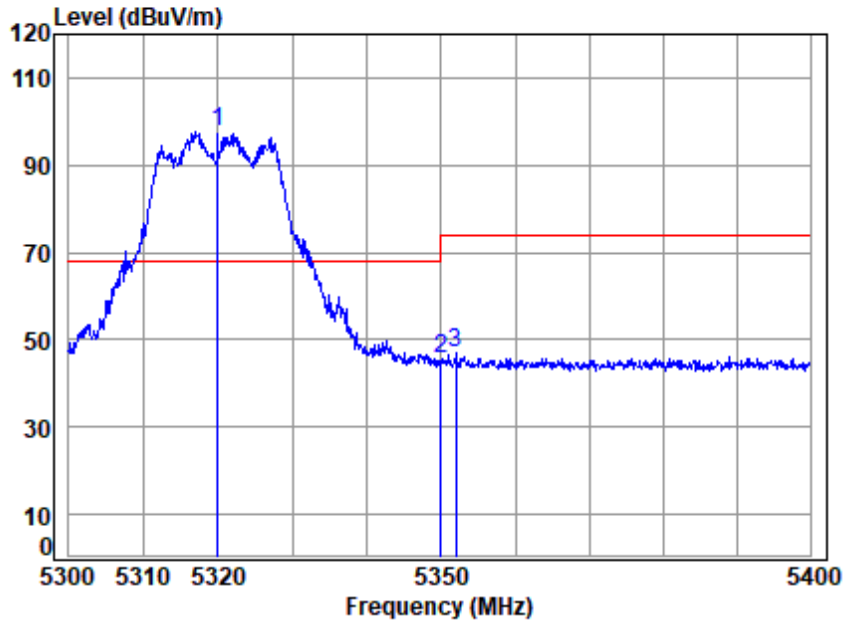
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

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Test Mode: 05; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5320 Band edge
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5320.000 | 8.28 | 32.18 | 32.06 | 89.18 | 97.58 | 68.20 | 29.38 | Peak |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 37.08 | 45.51 | 74.00 | -28.49 | Peak |
| 3 | 5351.967 | 8.28 | 32.26 | 32.10 | 38.72 | 47.16 | 74.00 | -26.84 | Peak |



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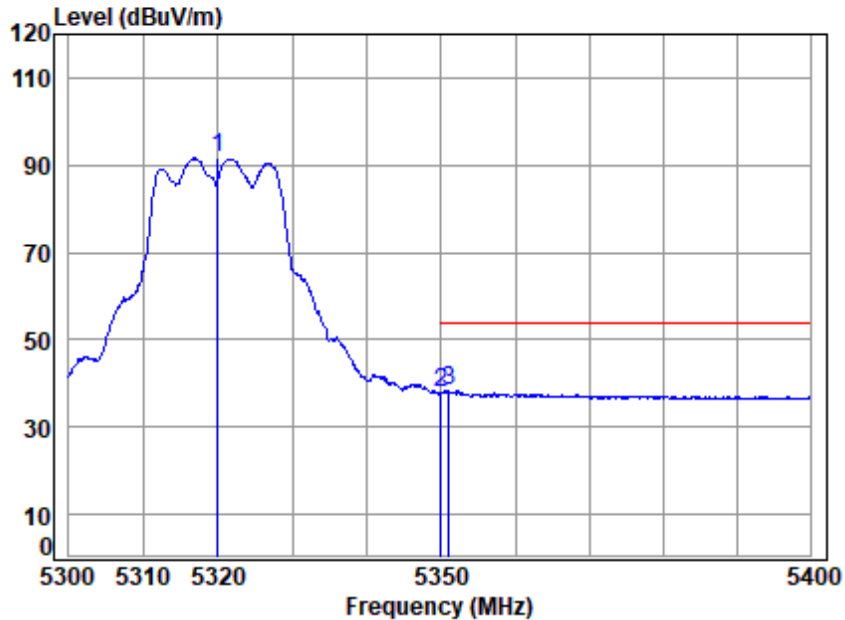
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Test Mode: 05; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5320 Band edge
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Limit Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5320.000 | 8.28 | 32.18 | 32.06 | 83.10 | 91.50 | ----- | ----- | Average |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 29.63 | 38.06 | 54.00 | -15.94 | Average |
| 3 | 5351.066 | 8.28 | 32.25 | 32.10 | 29.78 | 38.21 | 54.00 | -15.79 | Average |



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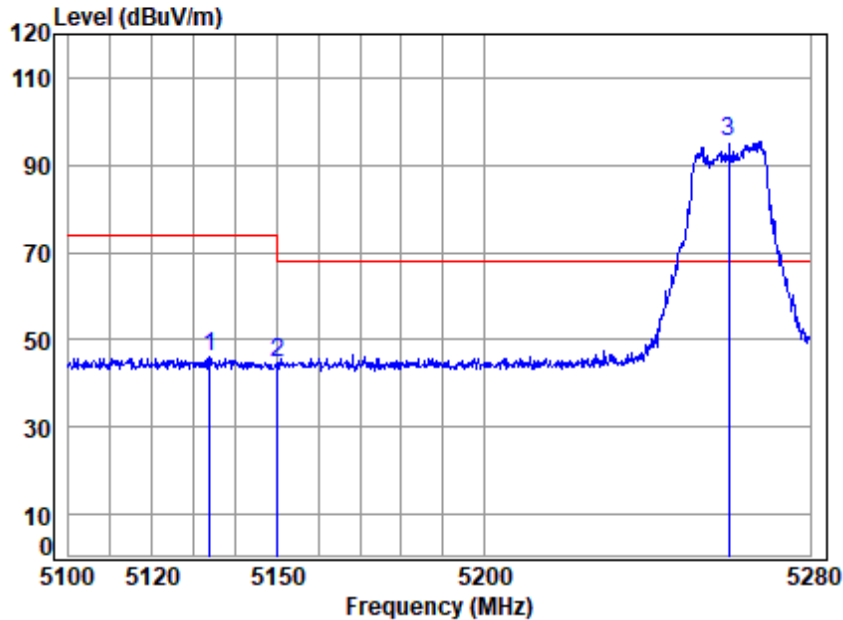
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5260 Band edge
 Note : 5G WIFI 11N20

| | Cable | Ant | Preamp | Read | Limit | Over | | |
|------|-------|--------|--------|-------|--------|--------|--------|--------|
| Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 8.29 | 31.73 | 31.79 | 37.69 | 45.92 | 74.00 | -28.08 | peak |
| 2 | 8.29 | 31.77 | 31.82 | 36.68 | 44.92 | 74.00 | -29.08 | peak |
| 3 | 8.28 | 32.04 | 31.97 | 86.98 | 95.33 | 68.20 | 27.13 | peak |



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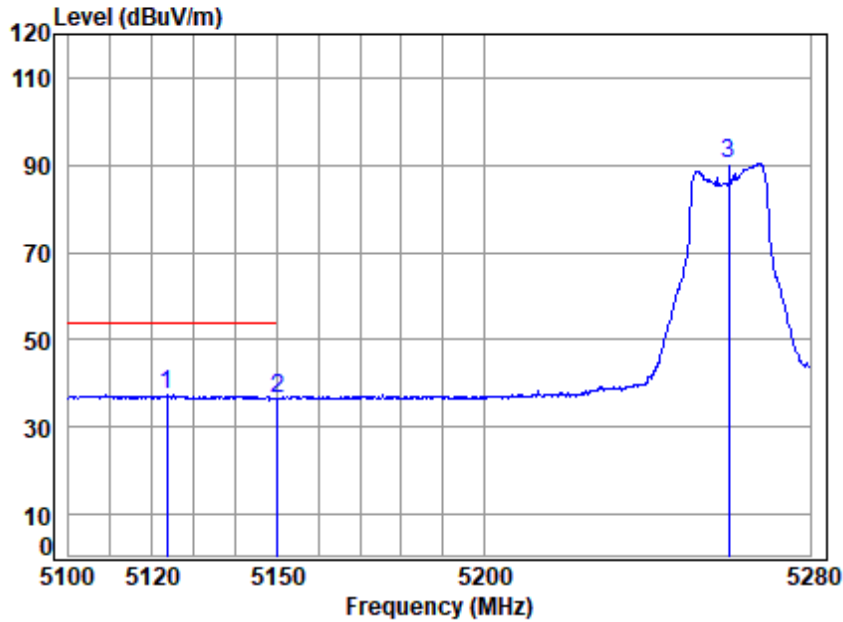
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5260 Band edge
 Note : 5G WIFI 11N20

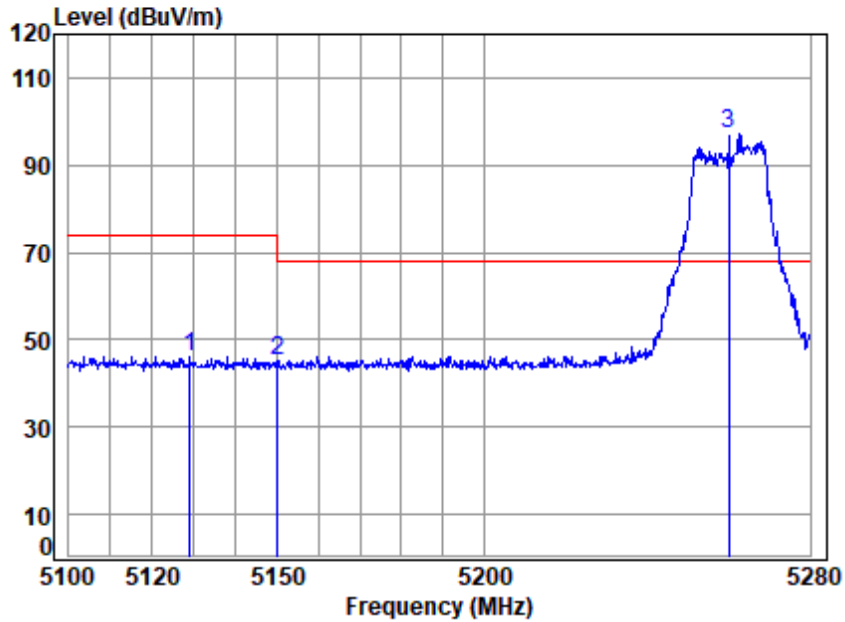
| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5123.582 | 8.29 | 31.71 | 31.78 | 29.13 | 37.35 | 54.00 | -16.65 | Average |
| 2 | 5149.980 | 8.29 | 31.77 | 31.82 | 28.39 | 36.63 | 54.00 | -17.37 | Average |
| 3 | 5260.000 | 8.28 | 32.04 | 31.97 | 82.03 | 90.38 | ----- | ----- | Average |



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Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5260 Band edge
 Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5129.094 | 8.29 | 31.72 | 31.79 | 38.06 | 46.28 | 74.00 | -27.72 | Peak |
| 2 | 5149.980 | 8.29 | 31.77 | 31.82 | 36.88 | 45.12 | 74.00 | -28.88 | Peak |
| 3 | 5260.000 | 8.28 | 32.04 | 31.97 | 88.68 | 97.03 | 68.20 | 28.83 | Peak |



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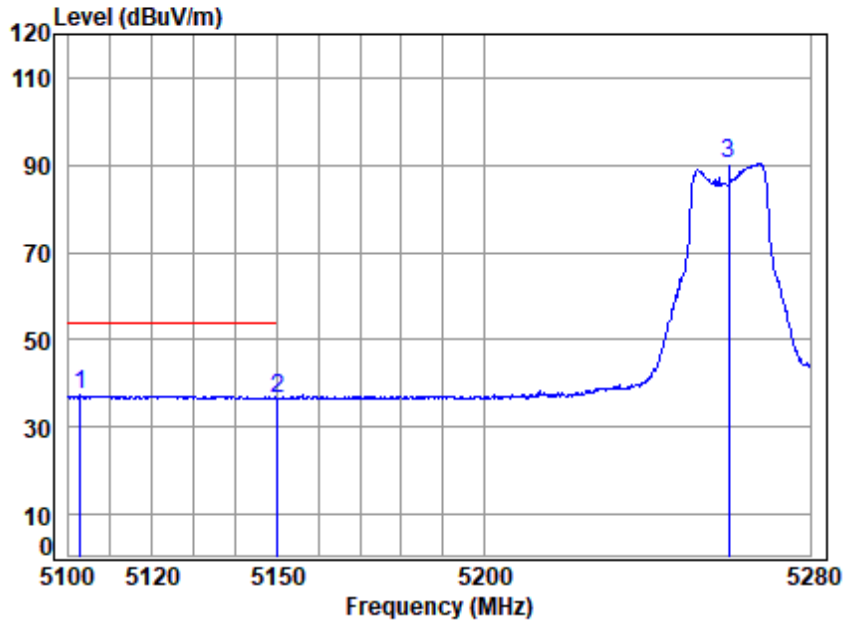
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Report No.: FYCR221100047404

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Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5260 Band edge
 Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5102.831 | 8.29 | 31.66 | 31.75 | 29.05 | 37.25 | 54.00 | -16.75 | Average |
| 2 | 5149.980 | 8.29 | 31.77 | 31.82 | 28.42 | 36.66 | 54.00 | -17.34 | Average |
| 3 | 5260.000 | 8.28 | 32.04 | 31.97 | 81.99 | 90.34 | ----- | ----- | Average |



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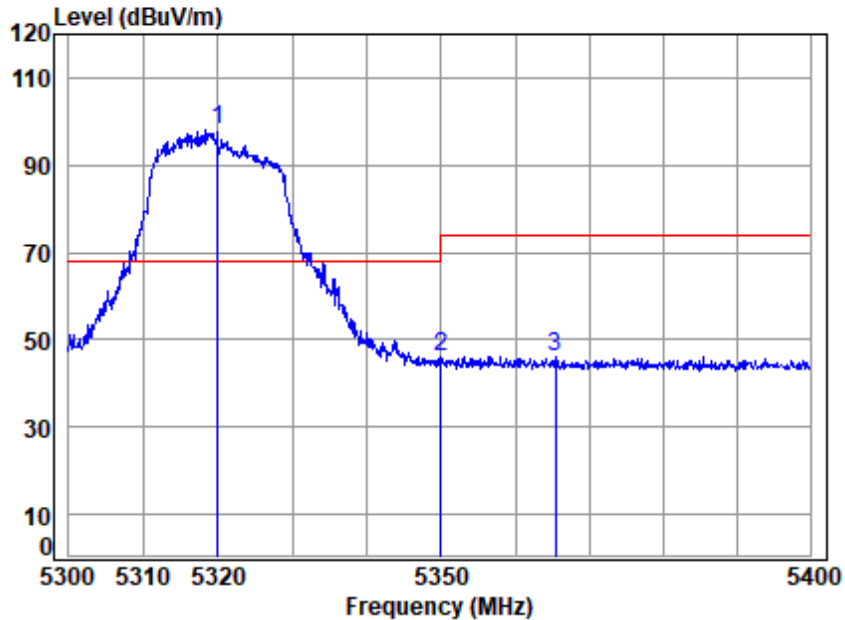
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5320 Band edge
 Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5320.000 | 8.28 | 32.18 | 32.06 | 89.79 | 98.19 | 68.20 | 29.99 peak |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 37.64 | 46.07 | 74.00 | -27.93 peak |
| 3 | 5365.389 | 8.28 | 32.29 | 32.12 | 37.85 | 46.30 | 74.00 | -27.70 peak |



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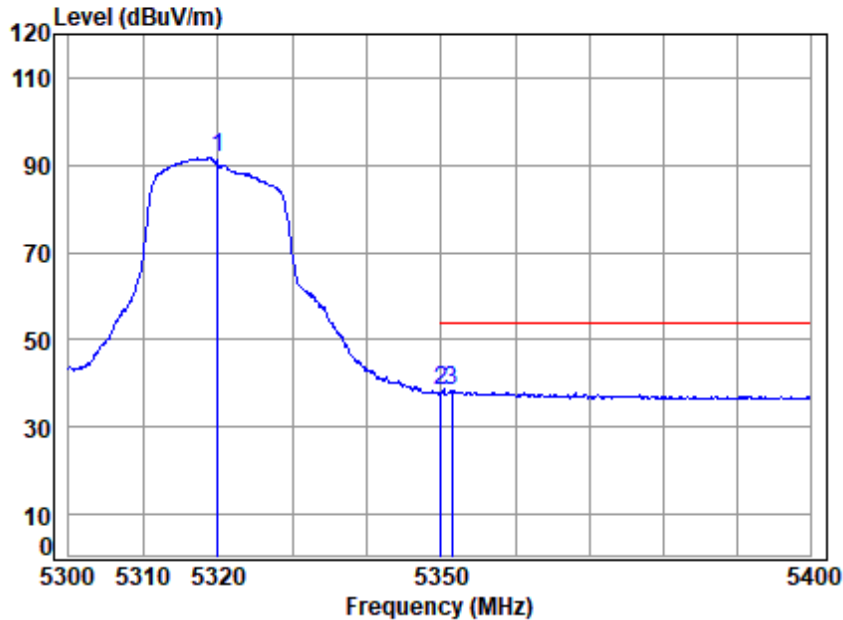
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5320 Band edge
 Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Limit Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5320.000 | 8.28 | 32.18 | 32.06 | 83.33 | 91.73 | ----- | ----- | Average |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 29.88 | 38.31 | 54.00 | -15.69 | Average |
| 3 | 5351.467 | 8.28 | 32.26 | 32.10 | 30.07 | 38.51 | 54.00 | -15.49 | Average |



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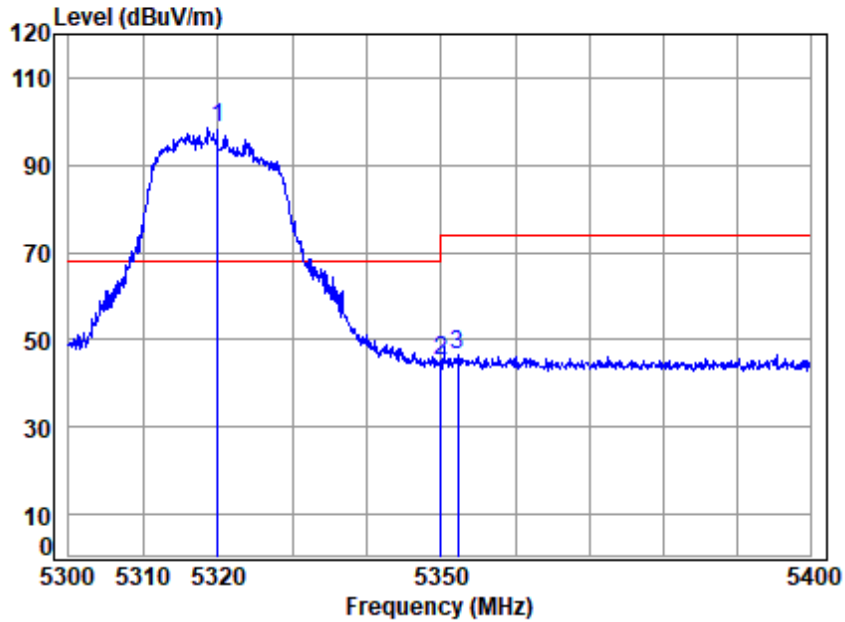
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Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5320 Band edge
 Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5320.000 | 8.28 | 32.18 | 32.06 | 90.04 | 98.44 | 68.20 | 30.24 | Peak |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 36.93 | 45.36 | 74.00 | -28.64 | Peak |
| 3 | 5352.267 | 8.28 | 32.26 | 32.10 | 38.04 | 46.48 | 74.00 | -27.52 | Peak |



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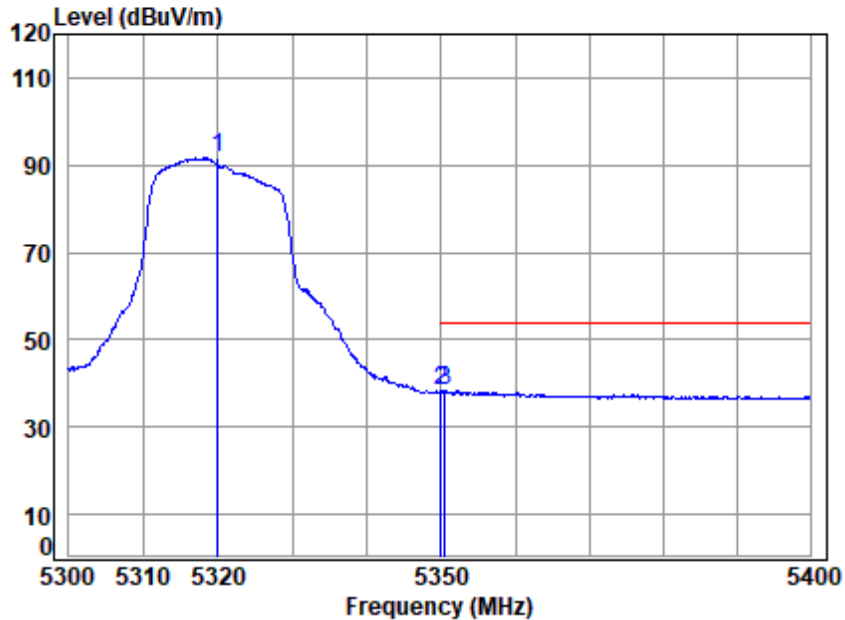
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

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Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5320 Band edge
 Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|--------|------------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5320.000 | 8.28 | 32.18 | 32.06 | 83.21 | 91.61 | ----- | ----- | Average |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 30.00 | 38.43 | 54.00 | -15.57 | Average |
| 3 | 5350.566 | 8.28 | 32.25 | 32.10 | 29.89 | 38.32 | 54.00 | -15.68 | Average |



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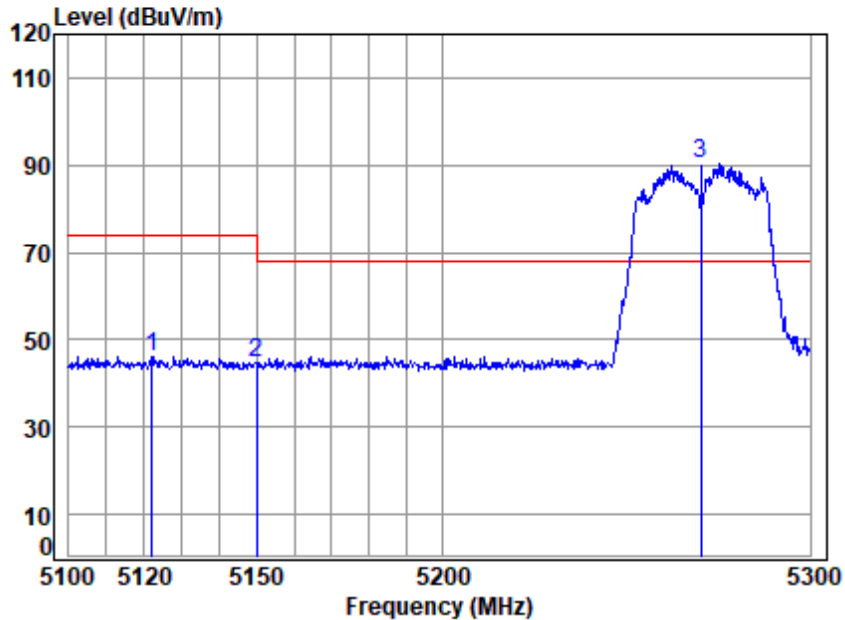
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5270 Band edge
 Note : 5G WIFI 11N40

| | Cable | Ant | Preamp | Read | Limit | Over | | |
|------|-------|--------|--------|-------|--------|--------|--------|--------|
| Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 8.29 | 31.70 | 31.78 | 38.09 | 46.30 | 74.00 | -27.70 | peak |
| 2 | 8.29 | 31.77 | 31.82 | 36.43 | 44.67 | 74.00 | -29.33 | peak |
| 3 | 8.28 | 32.06 | 31.99 | 81.89 | 90.24 | 68.20 | 22.04 | peak |



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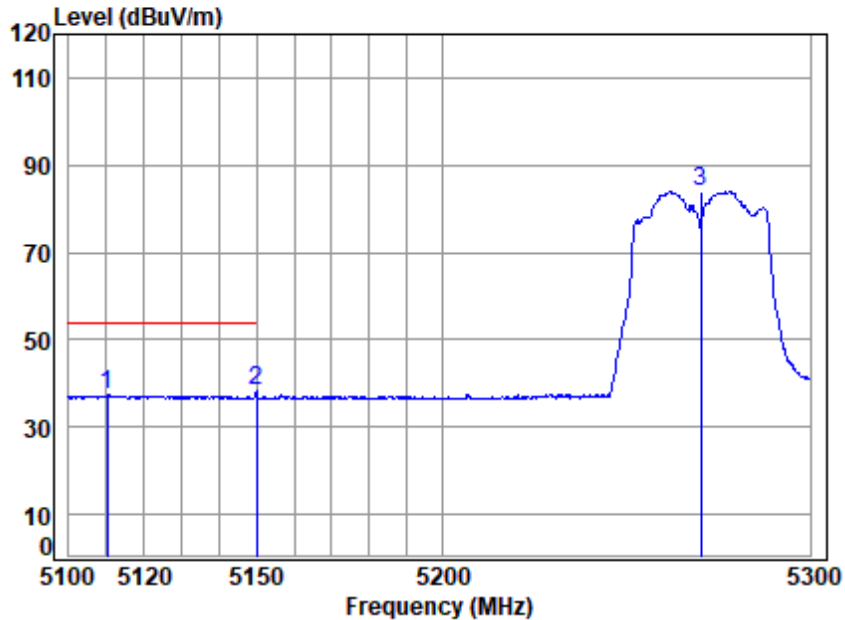
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5270 Band edge
 Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|----------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5110.211 | 8.29 | 31.67 | 31.76 | 29.10 | 37.30 | 54.00 | -16.70 Average |
| 2 | 5149.980 | 8.29 | 31.77 | 31.82 | 29.98 | 38.22 | 54.00 | -15.78 Average |
| 3 | 5270.000 | 8.28 | 32.06 | 31.99 | 75.56 | 83.91 | ----- | ----- Average |



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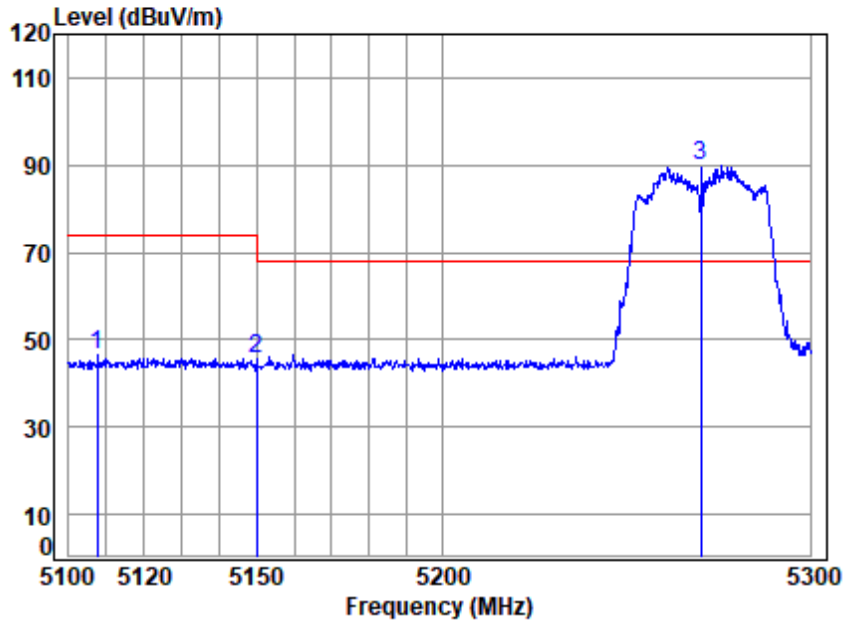
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Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5270 Band edge
 Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5107.657 | 8.29 | 31.67 | 31.76 | 38.35 | 46.55 | 74.00 | -27.45 Peak |
| 2 | 5149.980 | 8.29 | 31.77 | 31.82 | 37.25 | 45.49 | 74.00 | -28.51 Peak |
| 3 | 5270.000 | 8.28 | 32.06 | 31.99 | 81.58 | 89.93 | 68.20 | 21.73 Peak |



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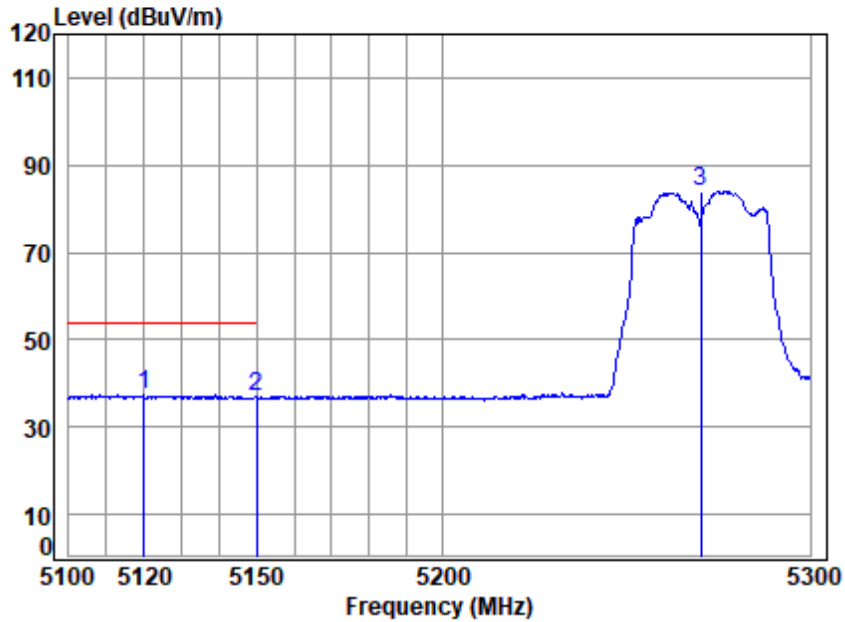
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Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5270 Band edge
 Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5120.049 | 8.29 | 31.70 | 31.77 | 29.02 | 37.24 | 54.00 | -16.76 | Average |
| 2 | 5149.980 | 8.29 | 31.77 | 31.82 | 28.95 | 37.19 | 54.00 | -16.81 | Average |
| 3 | 5270.000 | 8.28 | 32.06 | 31.99 | 75.49 | 83.84 | ----- | ----- | Average |



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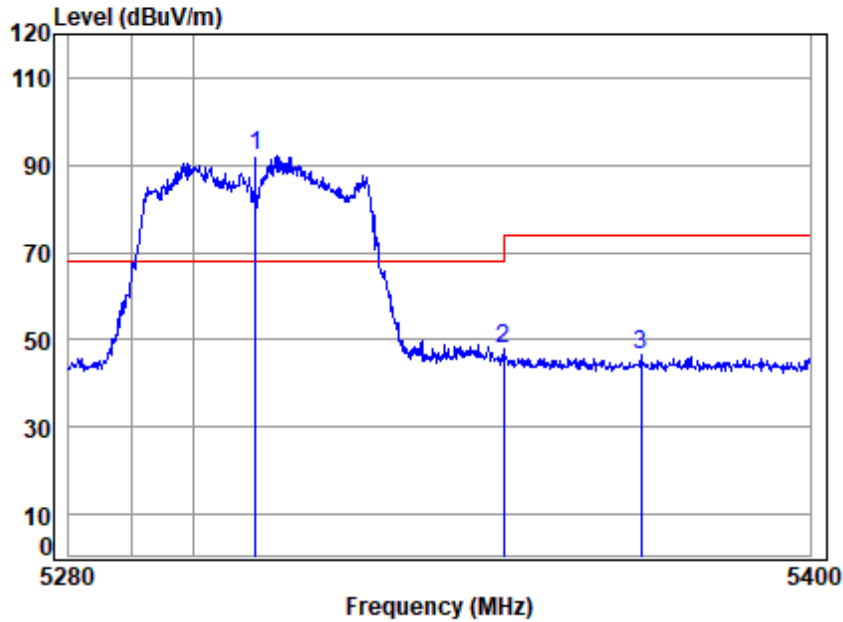
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5310 Band edge
 Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5310.000 | 8.28 | 32.16 | 32.04 | 83.57 | 91.97 | 68.20 | 23.77 peak |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 39.56 | 47.99 | 74.00 | -26.01 peak |
| 3 | 5372.402 | 8.28 | 32.30 | 32.13 | 38.02 | 46.47 | 74.00 | -27.53 peak |



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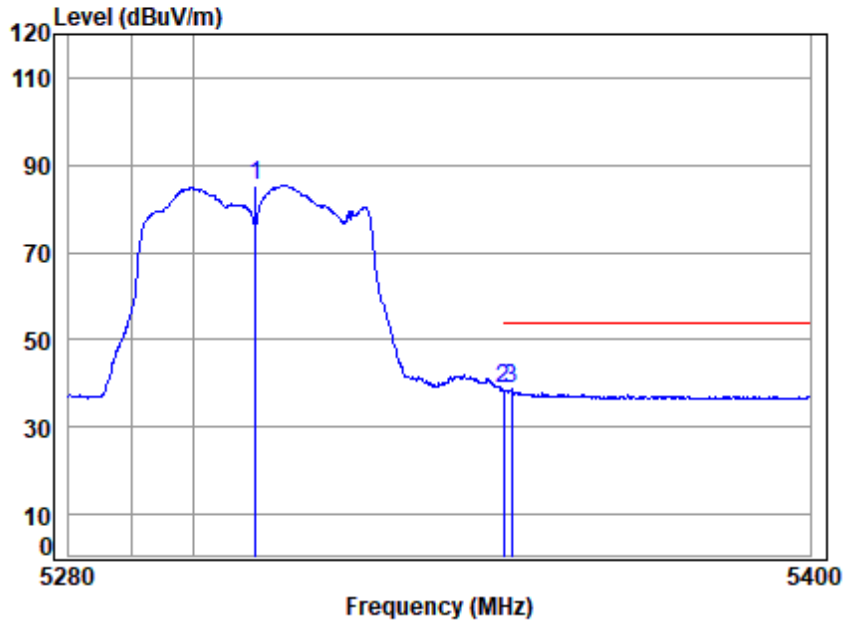
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5310 Band edge
 Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Limit Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5310.000 | 8.28 | 32.16 | 32.04 | 77.00 | 85.40 | ----- | ----- | Average |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 30.14 | 38.57 | 54.00 | -15.43 | Average |
| 3 | 5351.315 | 8.28 | 32.25 | 32.10 | 30.28 | 38.71 | 54.00 | -15.29 | Average |



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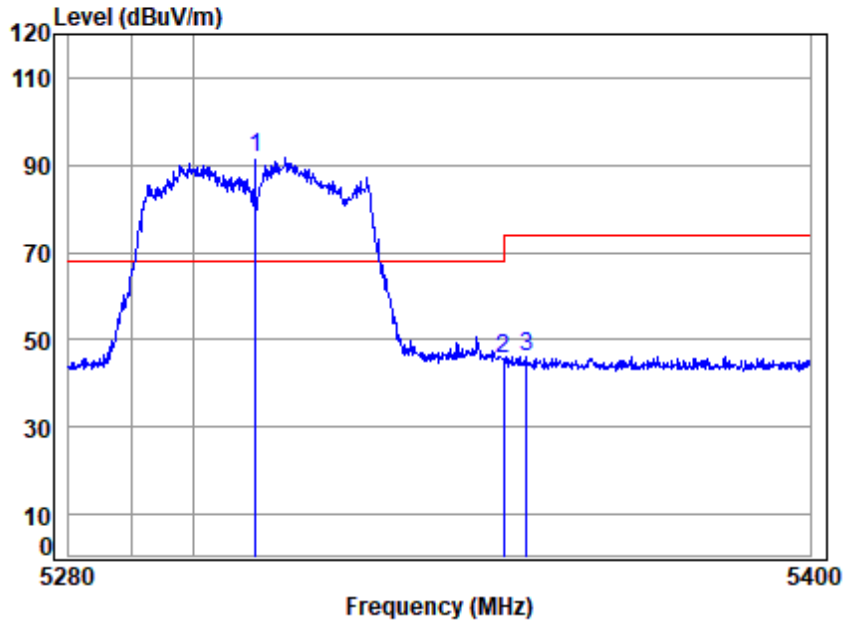
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Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5310 Band edge
 Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5310.000 | 8.28 | 32.16 | 32.04 | 83.26 | 91.66 | 68.20 | 23.46 Peak |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 37.30 | 45.73 | 74.00 | -28.27 Peak |
| 3 | 5353.841 | 8.28 | 32.26 | 32.10 | 37.58 | 46.02 | 74.00 | -27.98 Peak |



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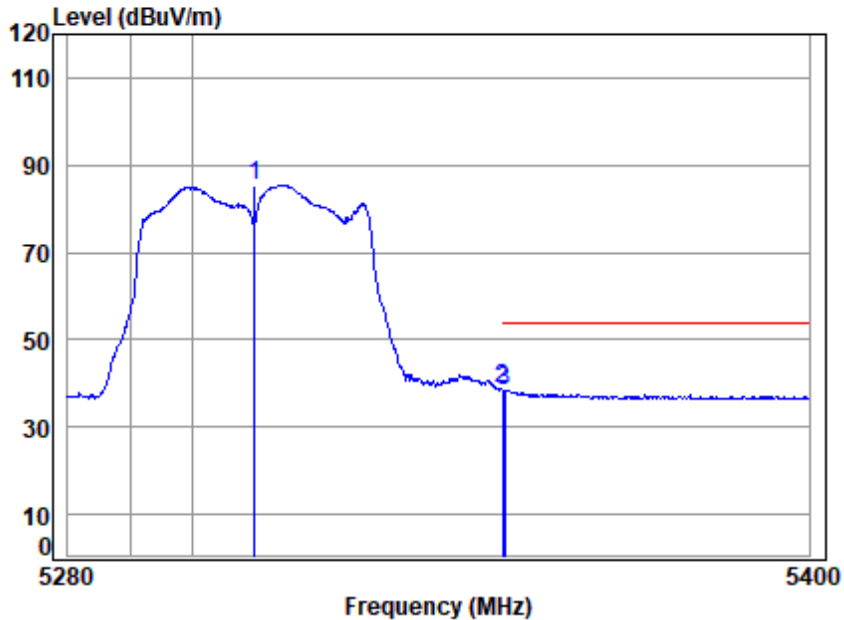
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Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5310 Band edge
 Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5310.000 | 8.28 | 32.16 | 32.04 | 77.03 | 85.43 | ----- | ----- | Average |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 30.18 | 38.61 | 54.00 | -15.39 | Average |
| 3 | 5350.474 | 8.28 | 32.25 | 32.10 | 30.08 | 38.51 | 54.00 | -15.49 | Average |



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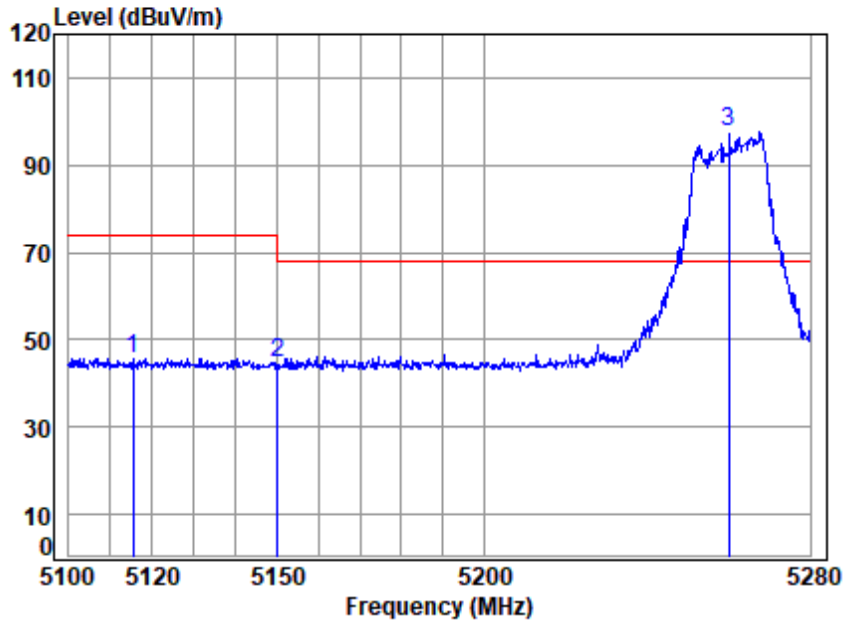
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5260 Band edge
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5115.413 | 8.29 | 31.69 | 31.77 | 37.56 | 45.77 | 74.00 | -28.23 | peak |
| 2 | 5149.980 | 8.29 | 31.77 | 31.82 | 36.29 | 44.53 | 74.00 | -29.47 | peak |
| 3 | 5260.000 | 8.28 | 32.04 | 31.97 | 89.46 | 97.81 | 68.20 | 29.61 | peak |



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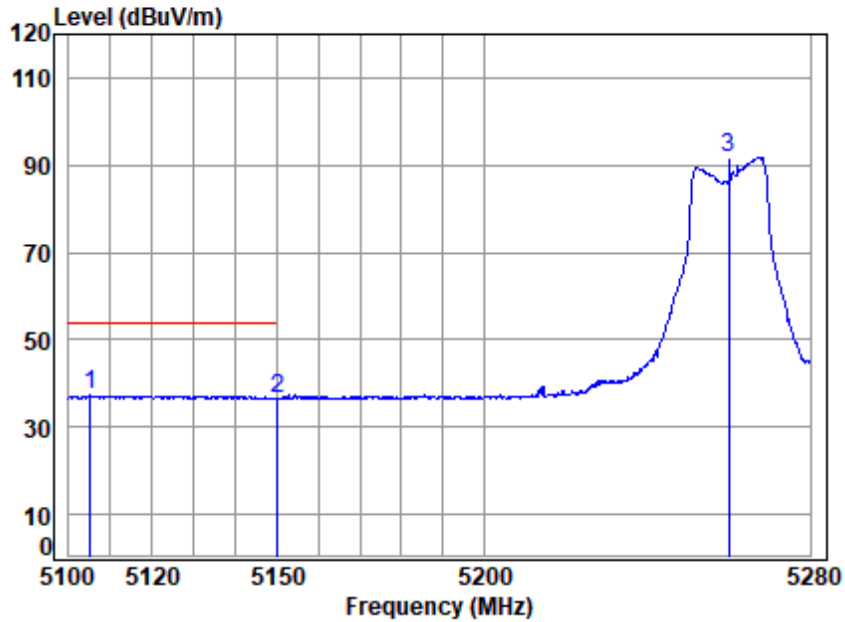
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5260 Band edge
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5105.133 | 8.29 | 31.66 | 31.75 | 29.30 | 37.50 | 54.00 | -16.50 | Average |
| 2 | 5149.980 | 8.29 | 31.77 | 31.82 | 28.39 | 36.63 | 54.00 | -17.37 | Average |
| 3 | 5260.000 | 8.28 | 32.04 | 31.97 | 83.52 | 91.87 | ----- | ----- | Average |



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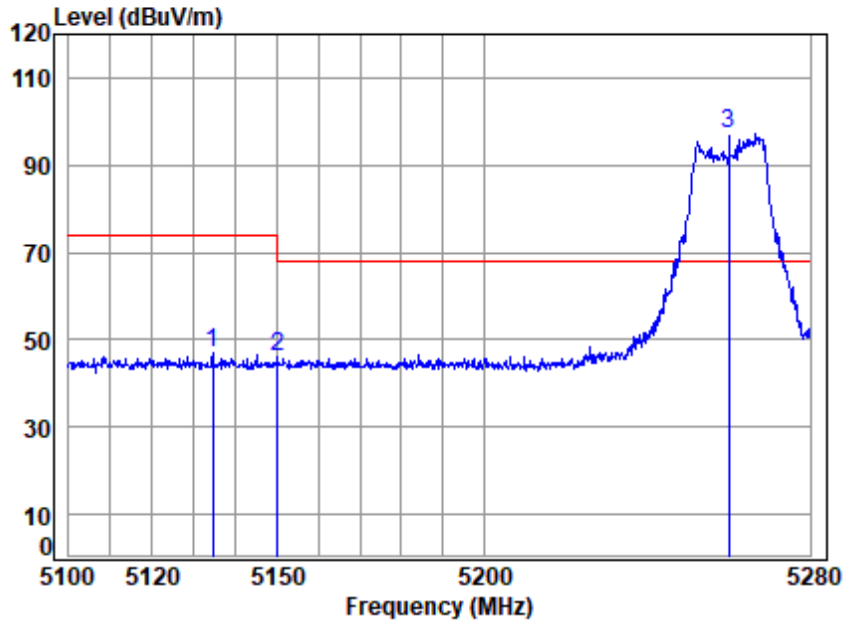
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Test Mode: 05; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5260 Band edge
 Note : 5G WIFI 11AC20

| | Cable | Ant | Preamp | Read | Limit | Over | | |
|------|-------|--------|--------|-------|--------|--------|--------|--------|
| Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 8.29 | 31.73 | 31.79 | 38.93 | 47.16 | 74.00 | -26.84 | Peak |
| 2 | 8.29 | 31.77 | 31.82 | 37.82 | 46.06 | 74.00 | -27.94 | Peak |
| 3 | 8.28 | 32.04 | 31.97 | 89.04 | 97.39 | 68.20 | 29.19 | Peak |



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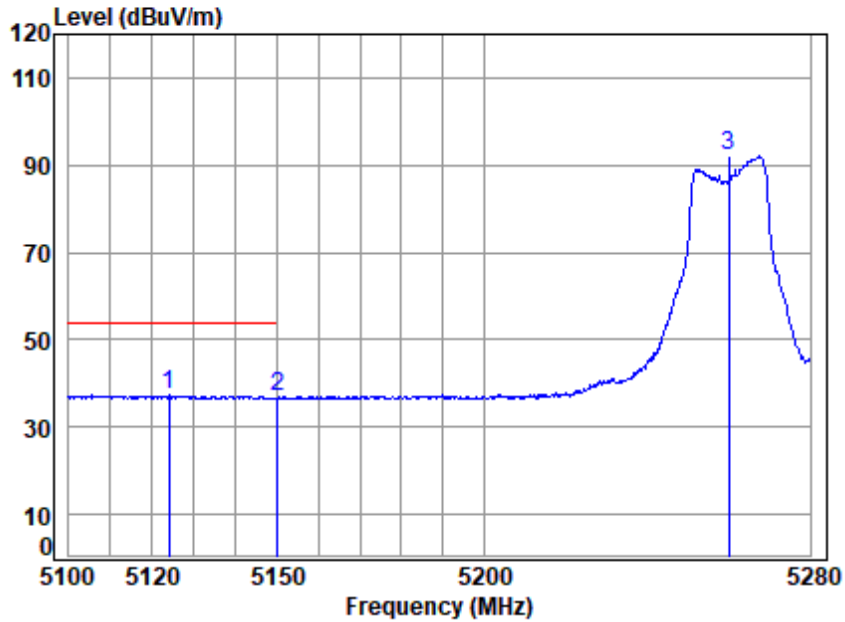
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Test Mode: 05; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5260 Band edge
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5123.937 | 8.29 | 31.71 | 31.78 | 28.97 | 37.19 | 54.00 | -16.81 | Average |
| 2 | 5149.980 | 8.29 | 31.77 | 31.82 | 28.53 | 36.77 | 54.00 | -17.23 | Average |
| 3 | 5260.000 | 8.28 | 32.04 | 31.97 | 83.60 | 91.95 | ----- | ----- | Average |



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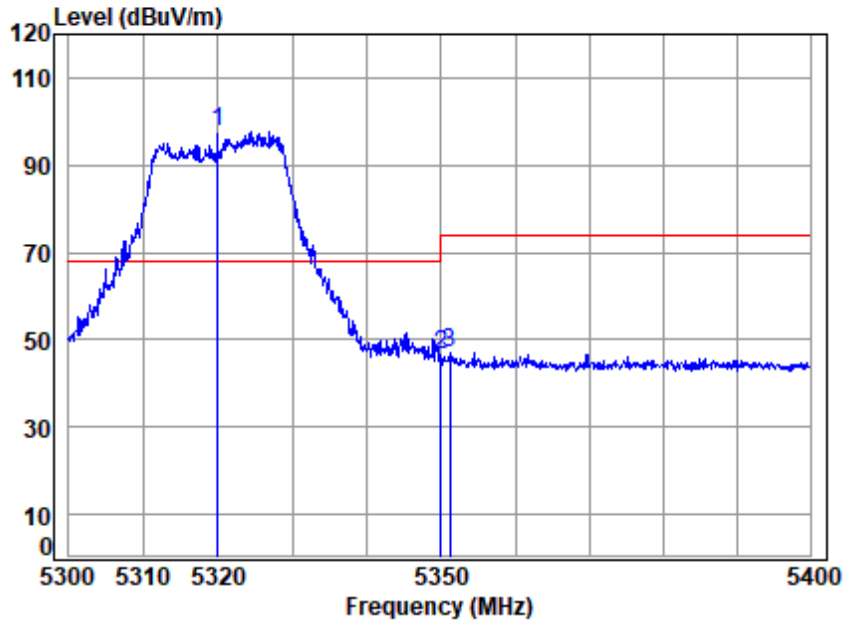
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5320 Band edge
 Note : 5G WIFI 11AC20

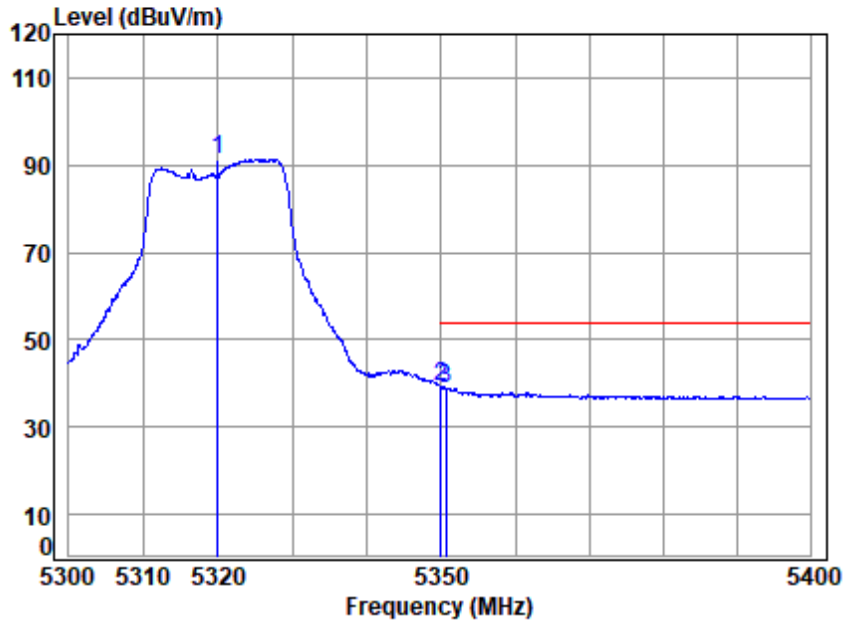
| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5320.000 | 8.28 | 32.18 | 32.06 | 89.22 | 97.62 | 68.20 | 29.42 peak |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 38.20 | 46.63 | 74.00 | -27.37 peak |
| 3 | 5351.167 | 8.28 | 32.25 | 32.10 | 38.49 | 46.92 | 74.00 | -27.08 peak |



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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5320 Band edge
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|--------|------------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5320.000 | 8.28 | 32.18 | 32.06 | 82.87 | 91.27 | ----- | ----- | Average |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 30.98 | 39.41 | 54.00 | -14.59 | Average |
| 3 | 5350.667 | 8.28 | 32.25 | 32.10 | 30.55 | 38.98 | 54.00 | -15.02 | Average |



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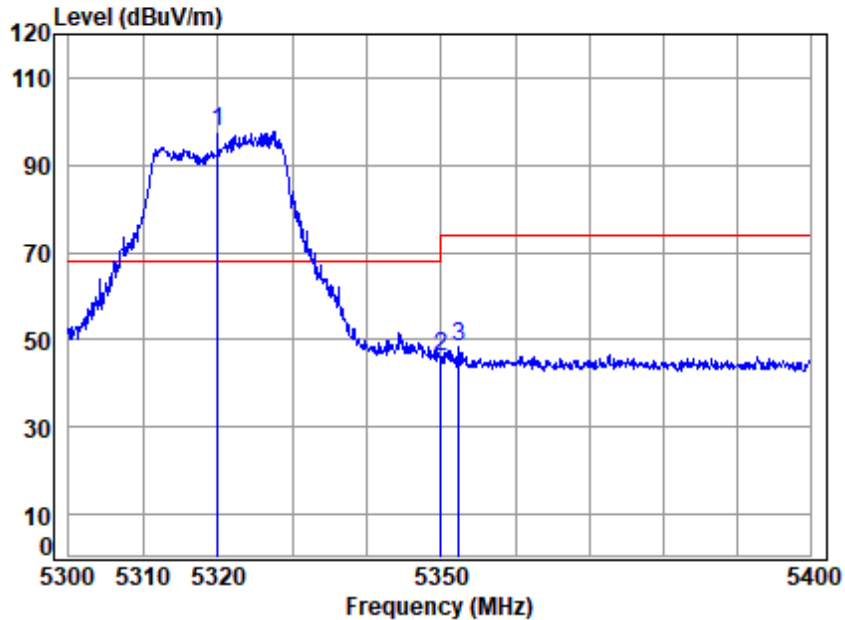
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Test Mode: 05; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5320 Band edge
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5320.000 | 8.28 | 32.18 | 32.06 | 89.26 | 97.66 | 68.20 | 29.46 | Peak |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 37.49 | 45.92 | 74.00 | -28.08 | Peak |
| 3 | 5352.367 | 8.28 | 32.26 | 32.10 | 39.71 | 48.15 | 74.00 | -25.85 | Peak |



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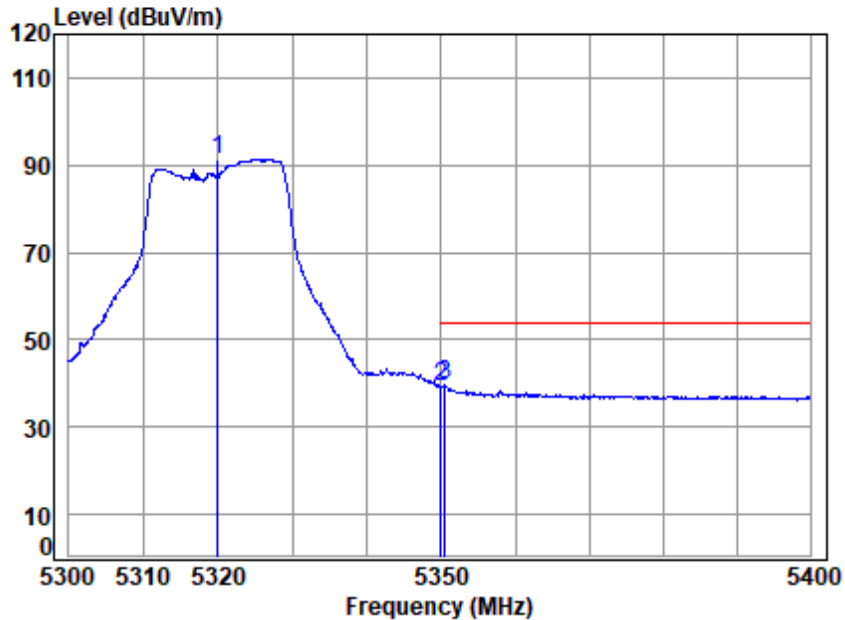
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Test Mode: 05; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5320 Band edge
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Limit Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5320.000 | 8.28 | 32.18 | 32.06 | 82.88 | 91.28 | ----- | ----- | Average |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 30.94 | 39.37 | 54.00 | -14.63 | Average |
| 3 | 5350.566 | 8.28 | 32.25 | 32.10 | 31.11 | 39.54 | 54.00 | -14.46 | Average |



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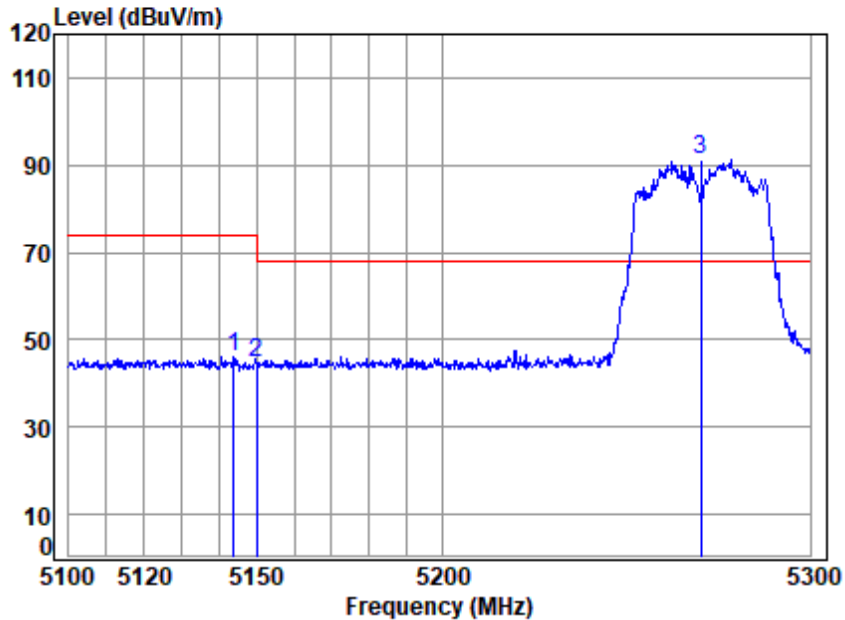
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5270 Band edge
 Note : 5G WIFI 11AC40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dB | |
| 1 | 5143.738 | 8.29 | 31.76 | 31.81 | 37.97 | 74.00 | -27.79 | peak |
| 2 | 5149.980 | 8.29 | 31.77 | 31.82 | 36.46 | 74.00 | -29.30 | peak |
| 3 | 5270.000 | 8.28 | 32.06 | 31.99 | 82.80 | 68.20 | 22.95 | peak |



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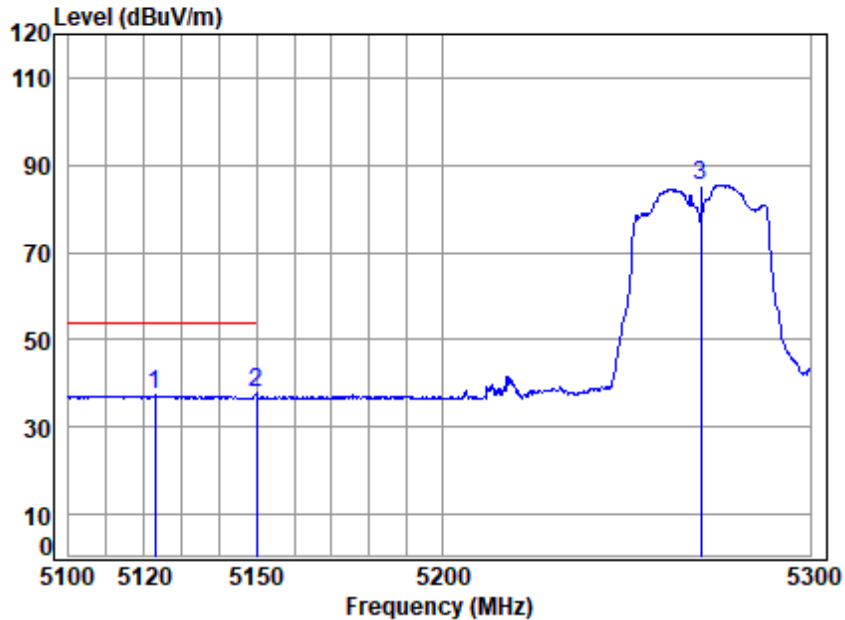
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5270 Band edge
 Note : 5G WIFI 11AC40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|----------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5122.808 | 8.29 | 31.71 | 31.78 | 29.12 | 37.34 | 54.00 | -16.66 Average |
| 2 | 5149.980 | 8.29 | 31.77 | 31.82 | 29.53 | 37.77 | 54.00 | -16.23 Average |
| 3 | 5270.000 | 8.28 | 32.06 | 31.99 | 77.14 | 85.49 | ----- | ----- Average |



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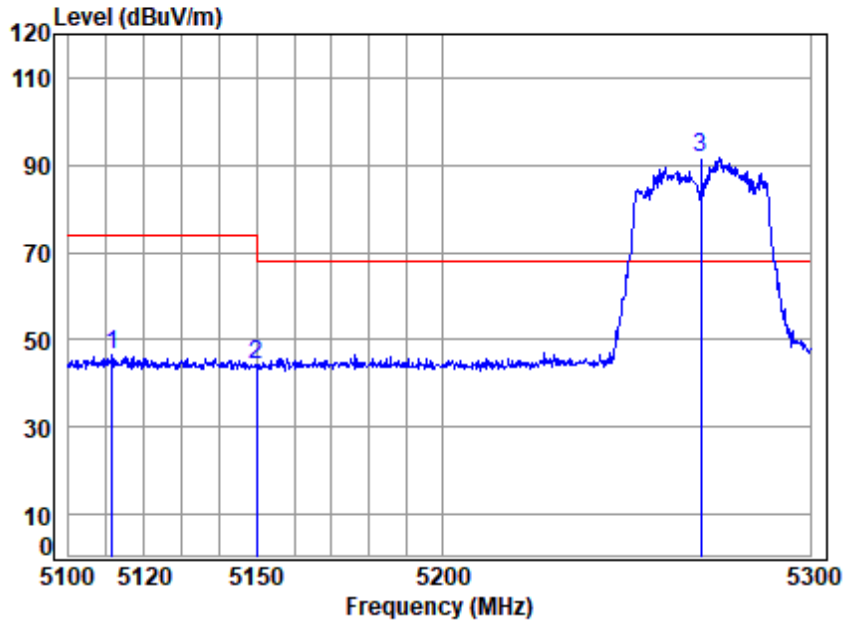
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Report No.: FYCR221100047404

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Test Mode: 05; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5270 Band edge
 Note : 5G WIFI 11AC40

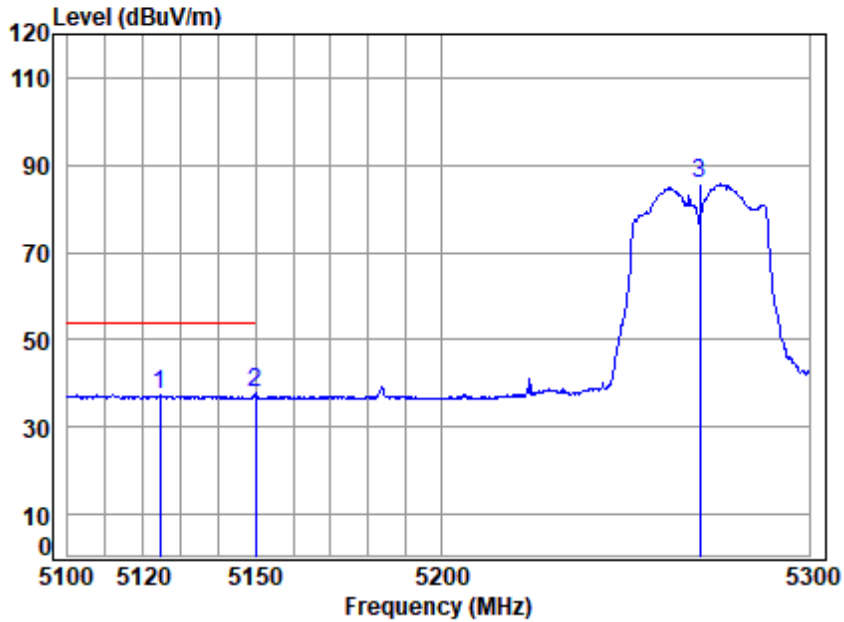
| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5111.588 | 8.29 | 31.68 | 31.76 | 38.40 | 46.61 | 74.00 | -27.39 Peak |
| 2 | 5149.980 | 8.29 | 31.77 | 31.82 | 36.13 | 44.37 | 74.00 | -29.63 Peak |
| 3 | 5270.000 | 8.28 | 32.06 | 31.99 | 83.40 | 91.75 | 68.20 | 23.55 Peak |



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Test Mode: 05; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5270 Band edge
 Note : 5G WIFI 11AC40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|----------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5124.384 | 8.29 | 31.71 | 31.78 | 29.01 | 37.23 | 54.00 | -16.77 Average |
| 2 | 5149.980 | 8.29 | 31.77 | 31.82 | 29.49 | 37.73 | 54.00 | -16.27 Average |
| 3 | 5270.000 | 8.28 | 32.06 | 31.99 | 77.22 | 85.57 | ----- | ----- Average |



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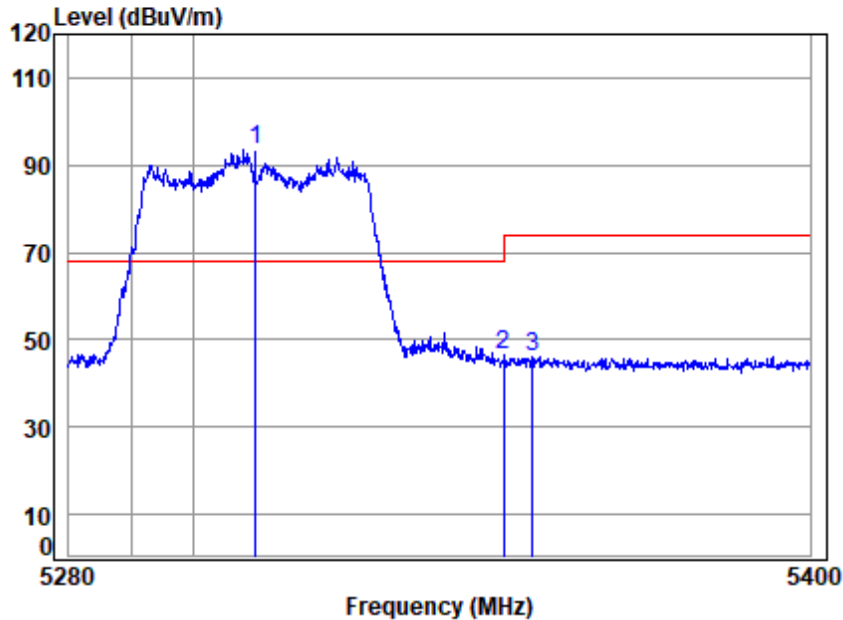
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5310 Band edge
 Note : 5G WIFI 11AC40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dB | |
| 1 | 5310.000 | 8.28 | 32.16 | 32.04 | 84.92 | 68.20 | 25.12 | peak |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 38.15 | 74.00 | -27.42 | peak |
| 3 | 5354.684 | 8.28 | 32.26 | 32.10 | 37.85 | 74.00 | -27.71 | peak |



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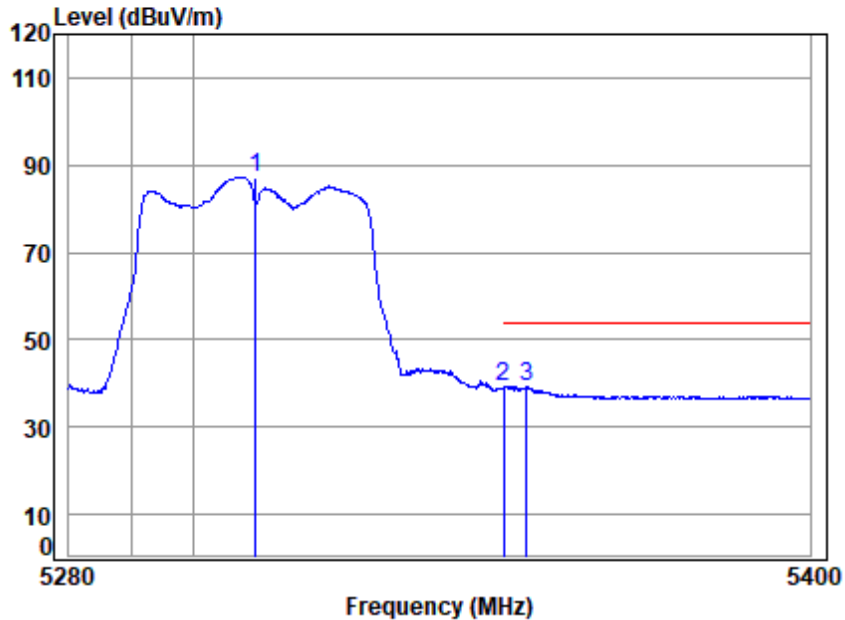
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5310 Band edge
 Note : 5G WIFI 11AC40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|--------|------------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5310.000 | 8.28 | 32.16 | 32.04 | 78.85 | 87.25 | ----- | ----- | Average |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 30.70 | 39.13 | 54.00 | -14.87 | Average |
| 3 | 5353.721 | 8.28 | 32.26 | 32.10 | 30.89 | 39.33 | 54.00 | -14.67 | Average |



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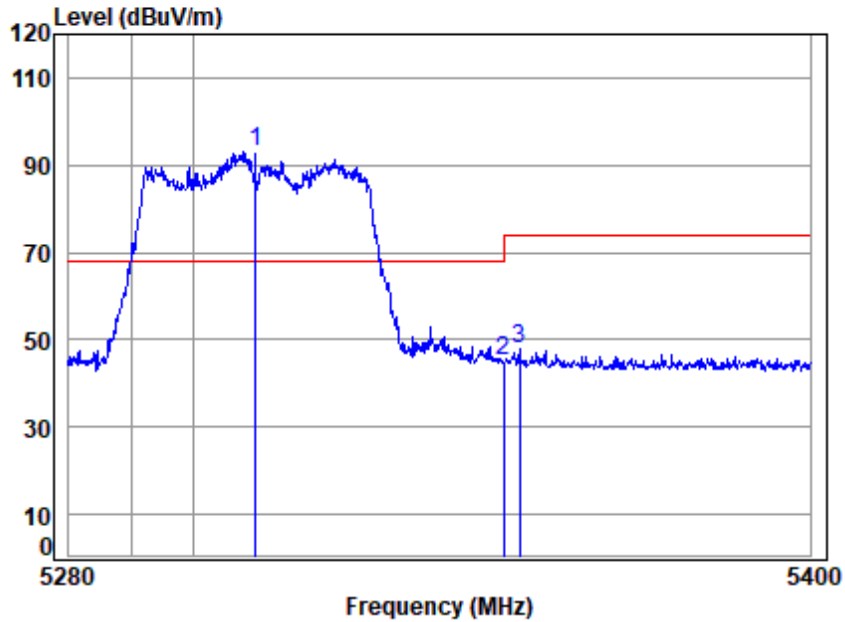
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Test Mode: 05; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5310 Band edge
 Note : 5G WIFI 11AC40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Limit Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5310.000 | 8.28 | 32.16 | 32.04 | 84.55 | 92.95 | 68.20 | 24.75 | Peak |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 36.77 | 45.20 | 74.00 | -28.80 | Peak |
| 3 | 5352.638 | 8.28 | 32.26 | 32.10 | 39.46 | 47.90 | 74.00 | -26.10 | Peak |



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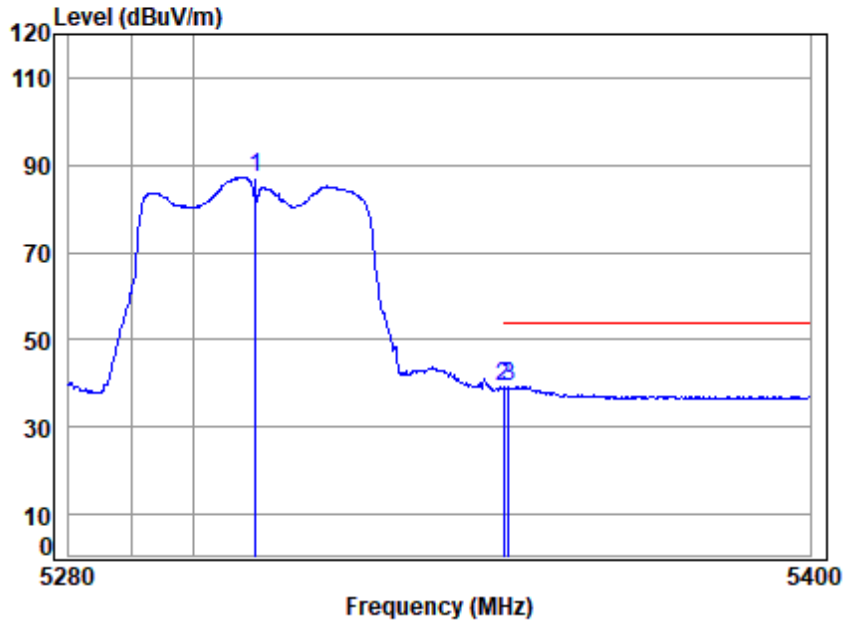
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Test Mode: 05; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5310 Band edge
 Note : 5G WIFI 11AC40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5310.000 | 8.28 | 32.16 | 32.04 | 78.83 | 87.23 | ----- | ----- | Average |
| 2 | 5350.020 | 8.28 | 32.25 | 32.10 | 30.78 | 39.21 | 54.00 | -14.79 | Average |
| 3 | 5350.834 | 8.28 | 32.25 | 32.10 | 30.98 | 39.41 | 54.00 | -14.59 | Average |



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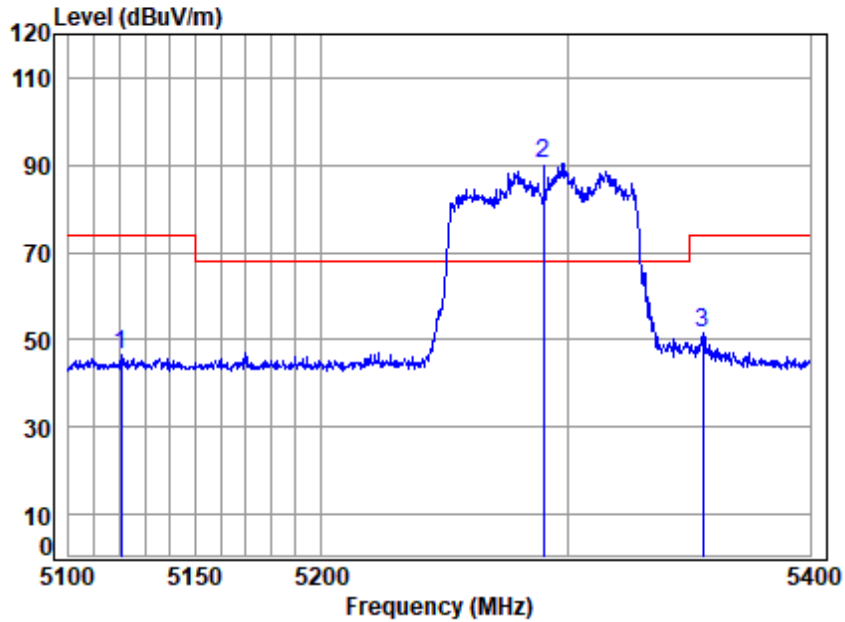
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5290 Band edge
 Note : 5G WIFI 11AC80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5120.739 | 8.29 | 31.70 | 31.78 | 38.17 | 46.38 | 74.00 | -27.62 peak |
| 2 | 5290.000 | 8.28 | 32.11 | 32.01 | 82.11 | 90.49 | 68.20 | 22.29 peak |
| 3 | 5355.430 | 8.28 | 32.26 | 32.10 | 42.94 | 51.38 | 74.00 | -22.62 peak |



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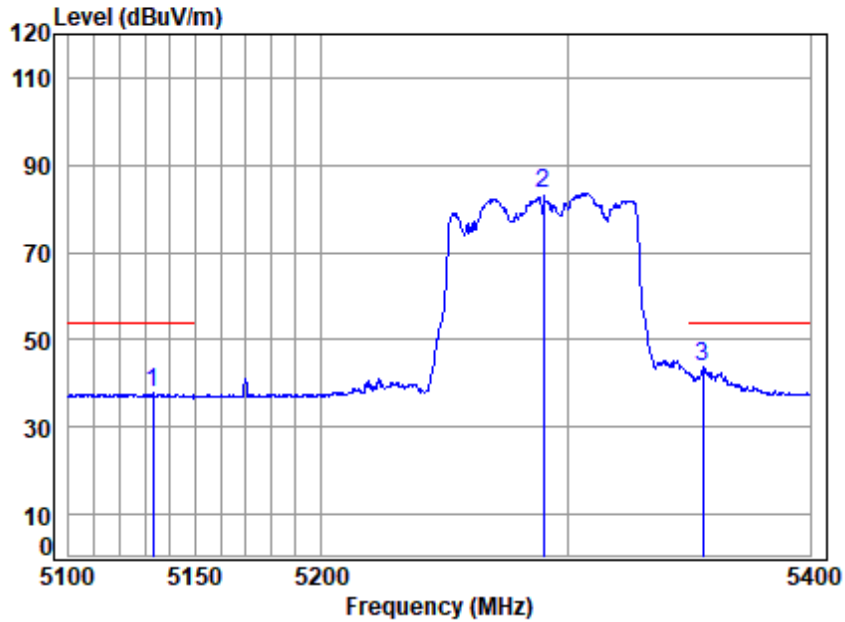
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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5290 Band edge
 Note : 5G WIFI 11AC80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|----------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5133.340 | 8.29 | 31.73 | 31.79 | 29.43 | 37.66 | 54.00 | -16.34 Average |
| 2 | 5290.000 | 8.28 | 32.11 | 32.01 | 75.25 | 83.63 | ----- | ----- Average |
| 3 | 5355.430 | 8.28 | 32.26 | 32.10 | 35.53 | 43.97 | 54.00 | -10.03 Average |



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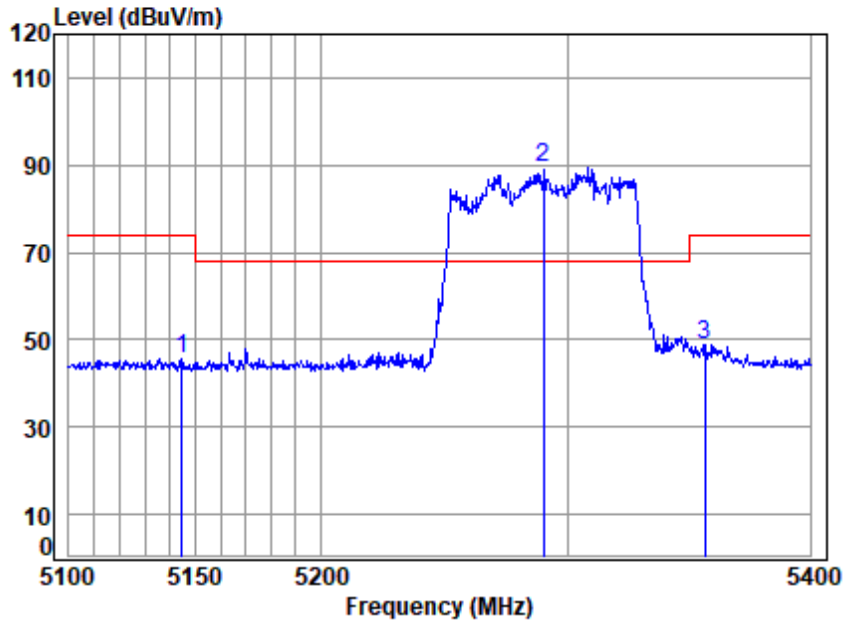
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

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Test Mode: 05; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5290 Band edge
 Note : 5G WIFI 11AC80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5144.502 | 8.29 | 31.76 | 31.81 | 37.38 | 45.62 | 74.00 | -28.38 Peak |
| 2 | 5290.000 | 8.28 | 32.11 | 32.01 | 81.25 | 89.63 | 68.20 | 21.43 Peak |
| 3 | 5356.348 | 8.28 | 32.27 | 32.11 | 40.56 | 49.00 | 74.00 | -25.00 Peak |



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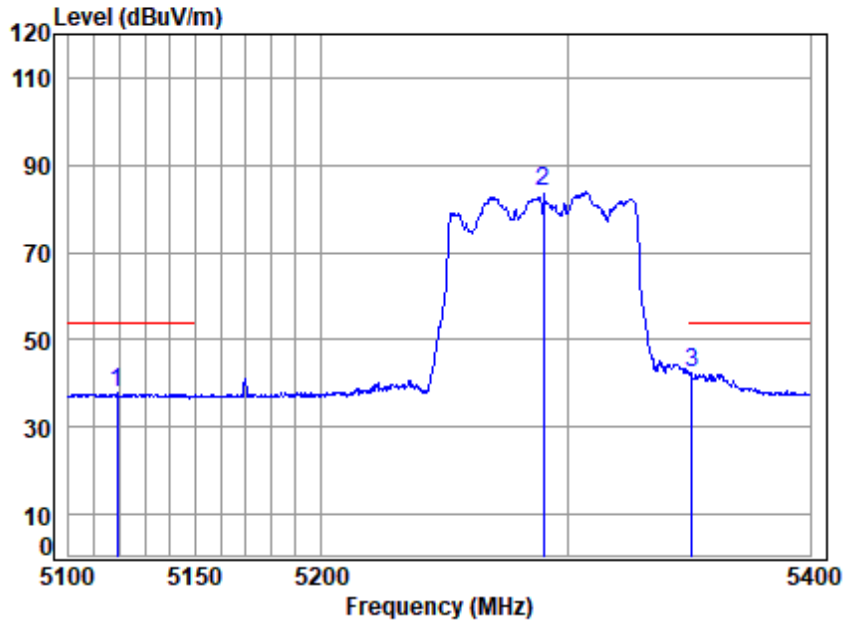
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Test Mode: 05; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5290 Band edge
 Note : 5G WIFI 11AC80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5118.983 | 8.29 | 31.70 | 31.77 | 29.53 | 37.75 | 54.00 | -16.25 | Average |
| 2 | 5290.000 | 8.28 | 32.11 | 32.01 | 75.38 | 83.76 | ----- | ----- | Average |
| 3 | 5350.840 | 8.28 | 32.25 | 32.10 | 33.99 | 42.42 | 54.00 | -11.58 | Average |



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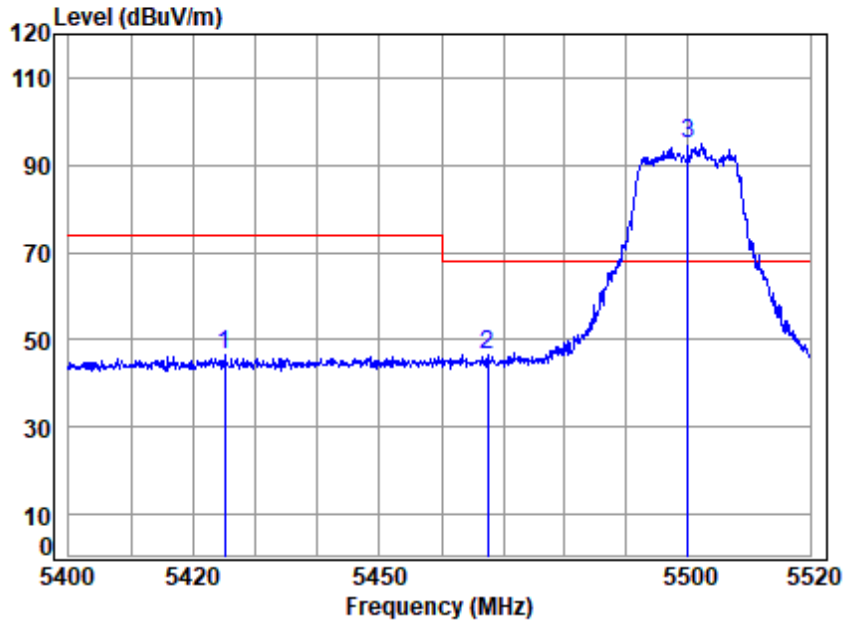
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Test Mode: 06; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5500 Band edge
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5424.981 | 8.27 | 32.43 | 32.20 | 37.93 | 46.43 | 74.00 | -27.57 peak |
| 2 | 5467.476 | 8.27 | 32.53 | 32.26 | 37.88 | 46.42 | 68.20 | -21.78 peak |
| 3 | 5500.000 | 8.27 | 32.60 | 32.30 | 86.13 | 94.70 | 68.20 | 26.50 peak |



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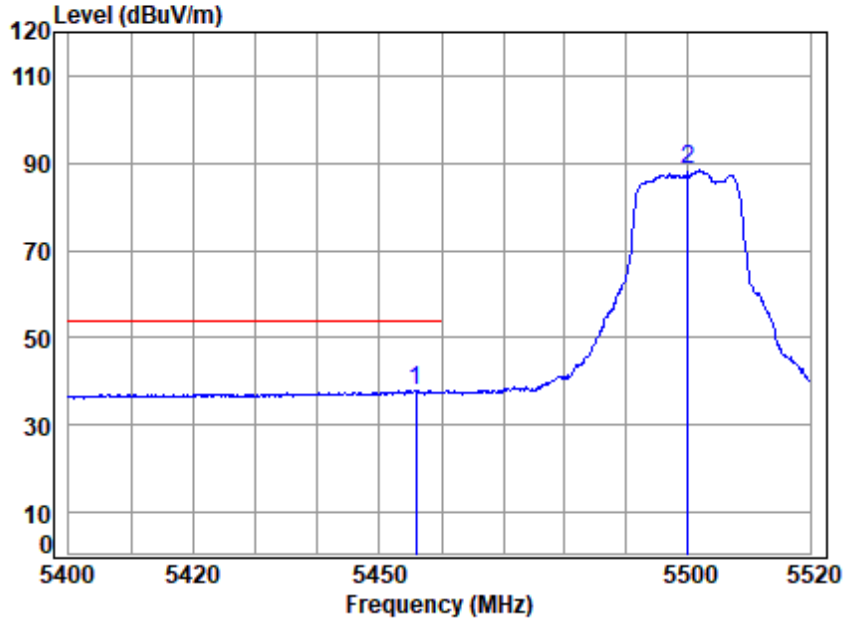
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Test Mode: 06; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5500 Band edge
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|----------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5455.832 | 8.27 | 32.50 | 32.24 | 29.47 | 38.00 | 54.00 | -16.00 Average |
| 2 | 5500.000 | 8.27 | 32.60 | 32.30 | 79.75 | 88.32 | ----- | ----- Average |



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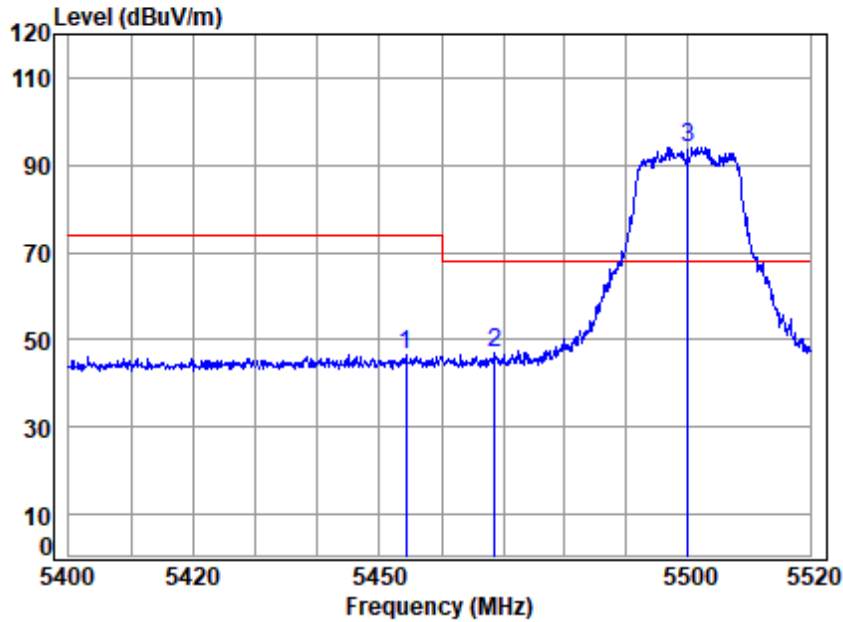
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Test Mode: 06; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5500 Band edge
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5454.273 | 8.27 | 32.49 | 32.24 | 38.02 | 46.54 | 74.00 | -27.46 | Peak |
| 2 | 5468.678 | 8.27 | 32.53 | 32.26 | 38.46 | 47.00 | 68.20 | -21.20 | peak |
| 3 | 5500.000 | 8.27 | 32.60 | 32.30 | 85.63 | 94.20 | 68.20 | 26.00 | Peak |



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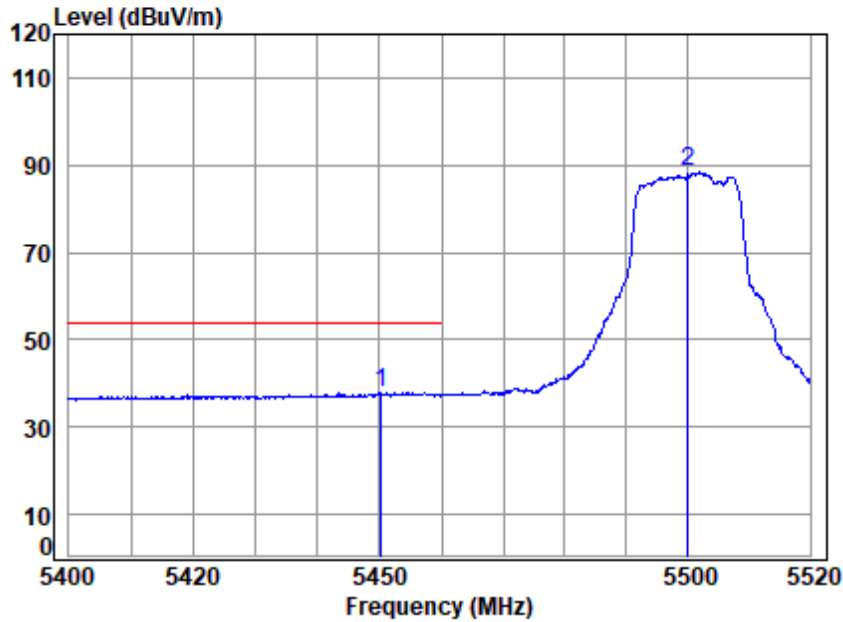
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Test Mode: 06; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5500 Band edge
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5450.199 | 8.27 | 32.49 | 32.23 | 29.40 | 37.93 | 54.00 | -16.07 | Average |
| 2 | 5500.000 | 8.27 | 32.60 | 32.30 | 79.78 | 88.35 | ----- | ----- | Average |



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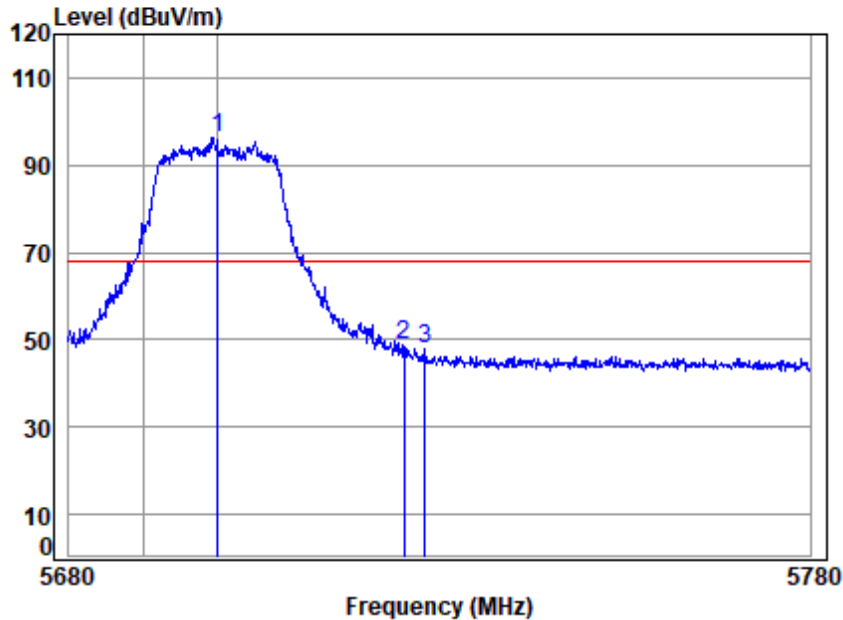
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Test Mode: 06; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5700 Band edge
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dB | |
| 1 | 5700.000 | 8.01 | 32.52 | 32.22 | 88.14 | 68.20 | 28.25 | peak |
| 2 | 5725.000 | 7.98 | 32.51 | 32.21 | 40.67 | 68.20 | -19.25 | peak |
| 3 | 5727.882 | 7.98 | 32.51 | 32.21 | 39.51 | 68.20 | -20.41 | peak |



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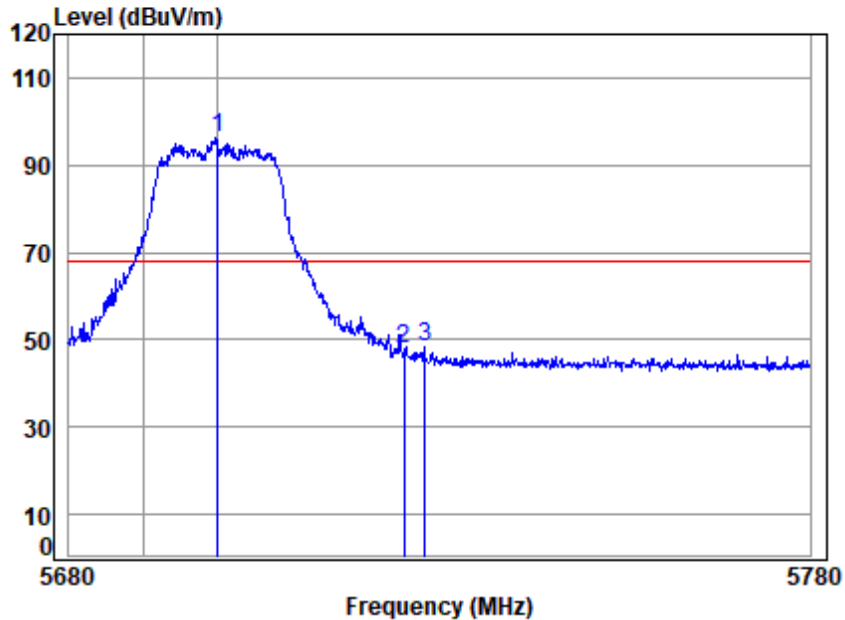
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Test Mode: 06; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5700 Band edge
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5700.000 | 8.01 | 32.52 | 32.22 | 87.96 | 96.27 | 68.20 | 28.07 | Peak |
| 2 | 5725.000 | 7.98 | 32.51 | 32.21 | 39.48 | 47.76 | 68.20 | -20.44 | Peak |
| 3 | 5727.782 | 7.98 | 32.51 | 32.21 | 39.89 | 48.17 | 68.20 | -20.03 | Peak |



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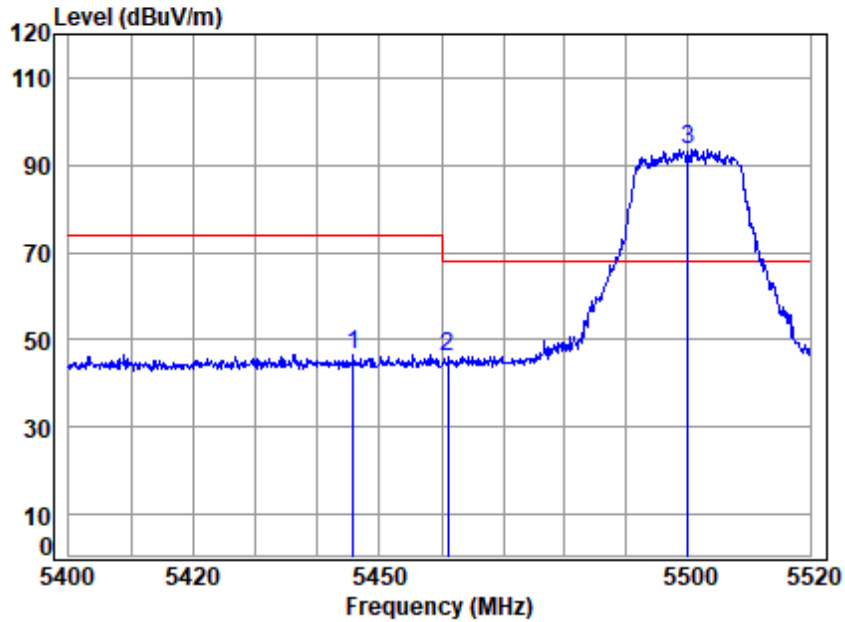
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Test Mode: 06; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5500 Band edge
 Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5445.769 | 8.27 | 32.48 | 32.23 | 38.24 | 46.76 | 74.00 | -27.24 peak |
| 2 | 5461.110 | 8.27 | 32.51 | 32.25 | 37.77 | 46.30 | 68.20 | -21.90 peak |
| 3 | 5500.000 | 8.27 | 32.60 | 32.30 | 85.11 | 93.68 | 68.20 | 25.48 peak |



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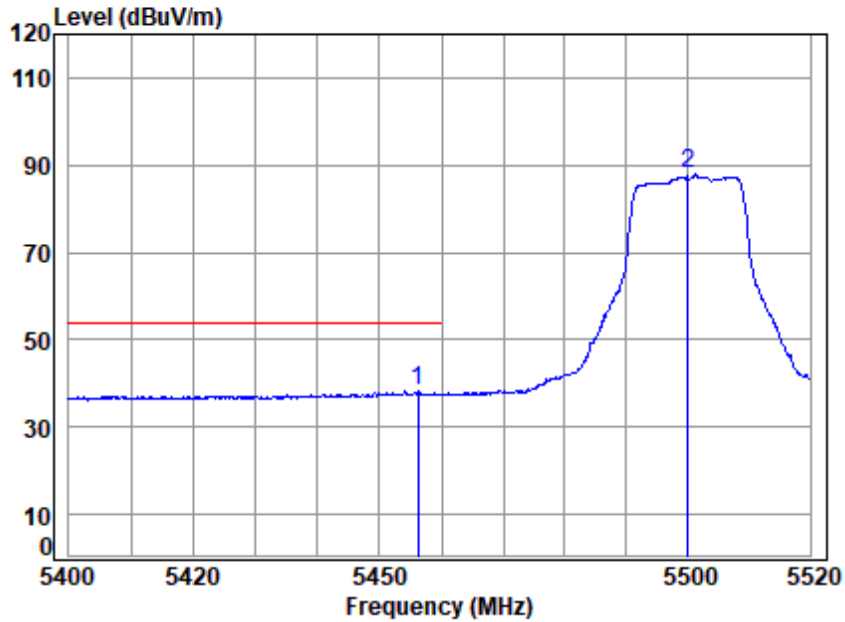
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 06; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5500 Band edge
 Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5456.191 | 8.27 | 32.50 | 32.24 | 29.65 | 38.18 | 54.00 | -15.82 | Average |
| 2 | 5500.000 | 8.27 | 32.60 | 32.30 | 79.29 | 87.86 | ----- | ----- | Average |



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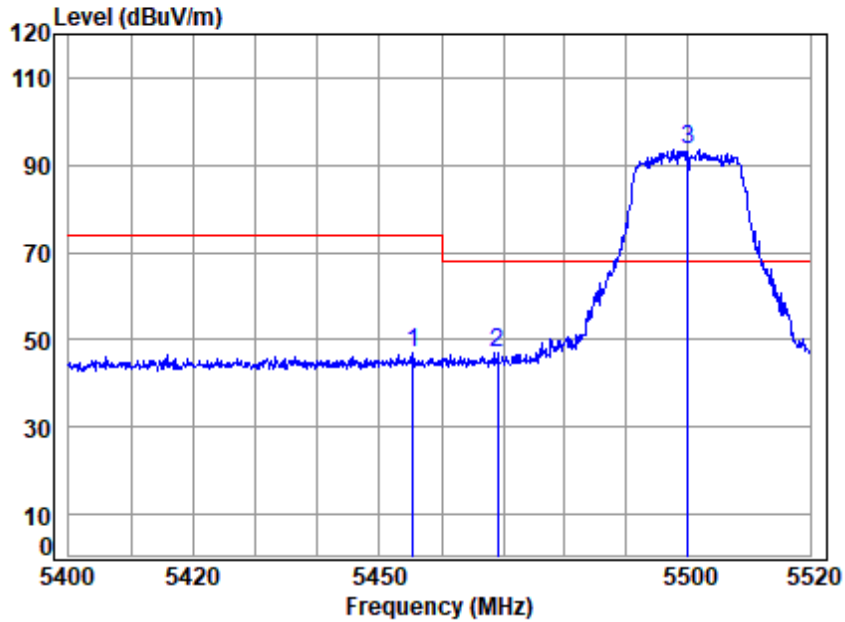
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

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Test Mode: 06; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5500 Band edge
 Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5455.472 | 8.27 | 32.50 | 32.24 | 38.69 | 47.22 | 74.00 | -26.78 | Peak |
| 2 | 5469.158 | 8.27 | 32.53 | 32.26 | 38.46 | 47.00 | 68.20 | -21.20 | peak |
| 3 | 5500.000 | 8.27 | 32.60 | 32.30 | 84.92 | 93.49 | 68.20 | 25.29 | Peak |



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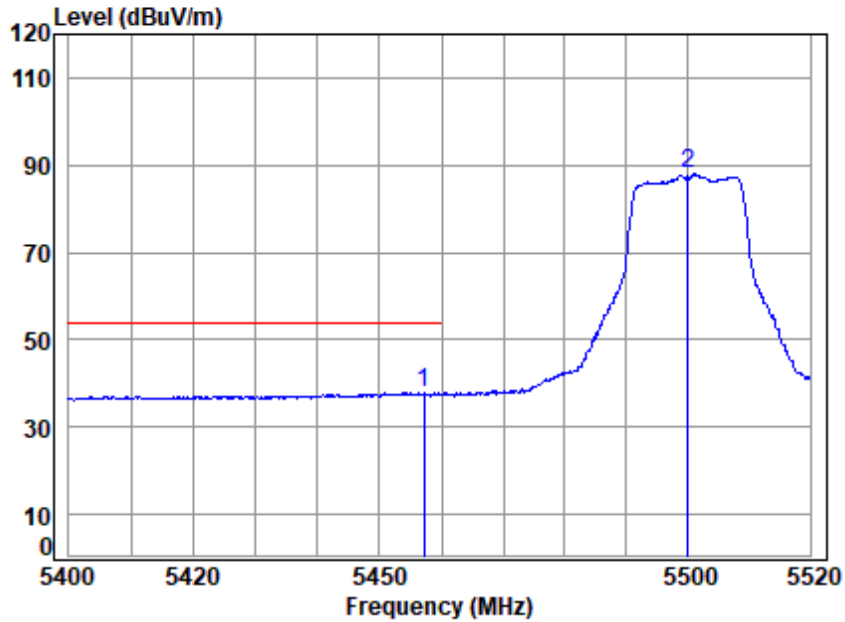
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Test Mode: 06; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5500 Band edge
 Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|----------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5457.151 | 8.27 | 32.50 | 32.24 | 29.27 | 37.80 | 54.00 | -16.20 Average |
| 2 | 5500.000 | 8.27 | 32.60 | 32.30 | 79.48 | 88.05 | ----- | ----- Average |



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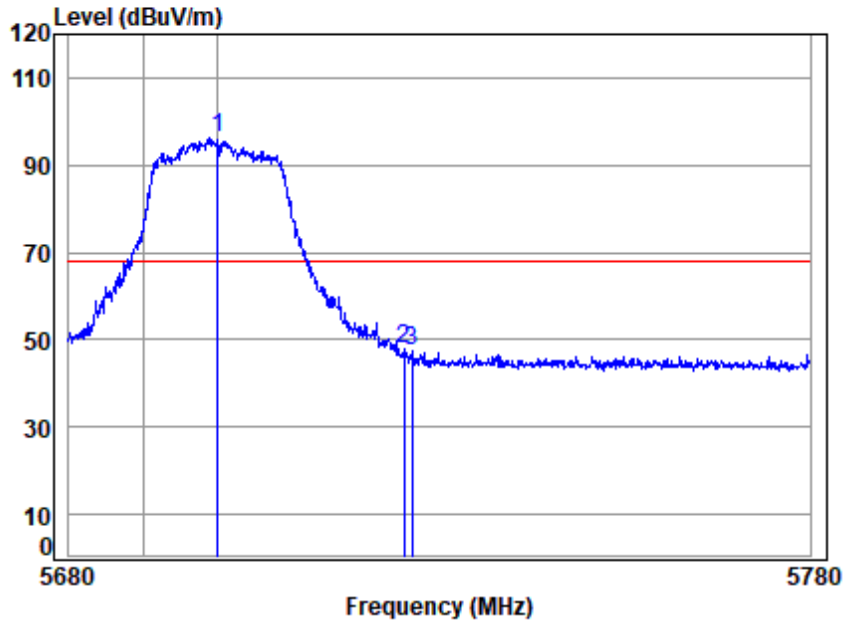
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Test Mode: 06; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5700 Band edge
 Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|--------|------------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5700.000 | 8.01 | 32.52 | 32.22 | 87.85 | 96.16 | 68.20 | 27.96 | peak |
| 2 | 5725.000 | 7.98 | 32.51 | 32.21 | 39.40 | 47.68 | 68.20 | -20.52 | peak |
| 3 | 5726.083 | 7.98 | 32.51 | 32.21 | 38.97 | 47.25 | 68.20 | -20.95 | peak |



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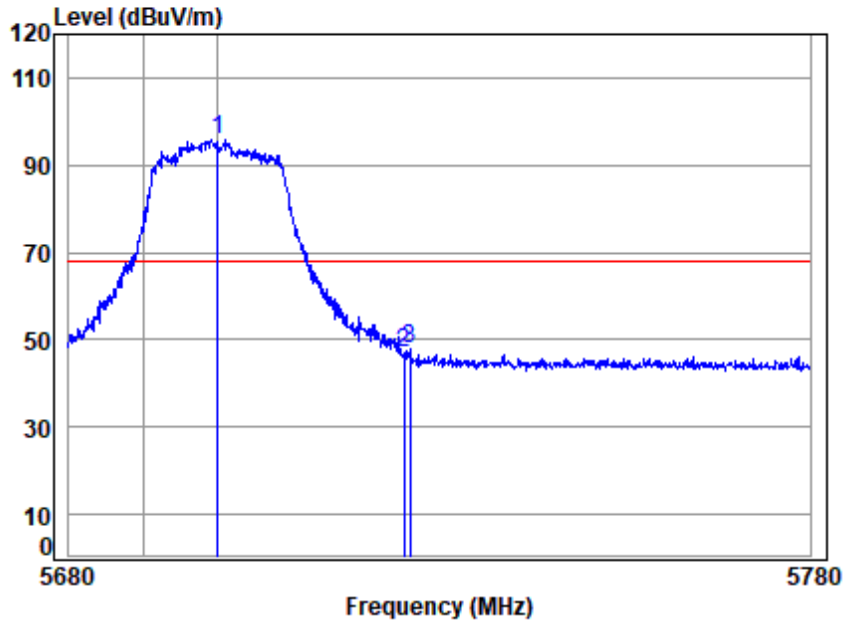
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Test Mode: 06; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5700 Band edge
 Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5700.000 | 8.01 | 32.52 | 32.22 | 87.58 | 95.89 | 68.20 | 27.69 Peak |
| 2 | 5725.000 | 7.98 | 32.51 | 32.21 | 38.72 | 47.00 | 68.20 | -21.20 Peak |
| 3 | 5725.783 | 7.98 | 32.51 | 32.21 | 39.59 | 47.87 | 68.20 | -20.33 Peak |



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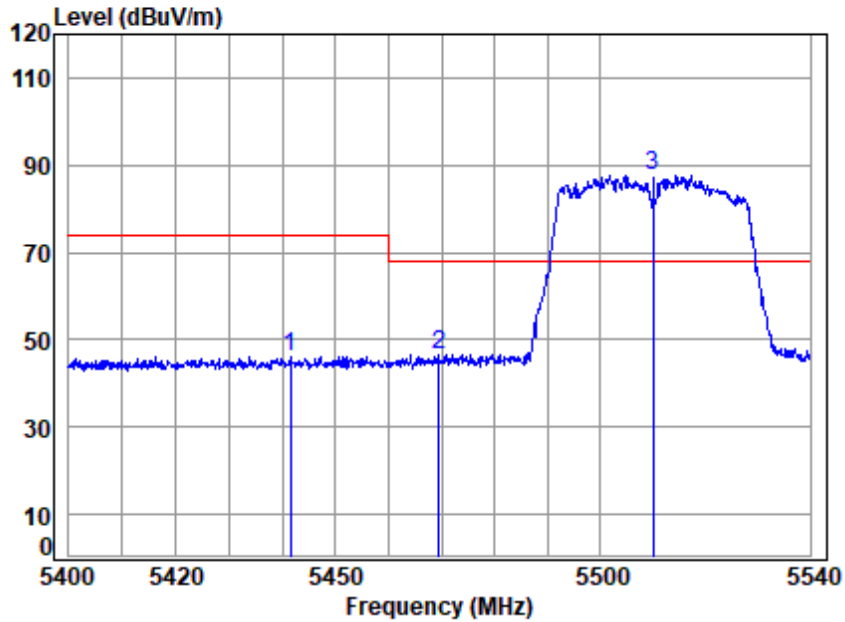
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Test Mode: 06; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5510 Band edge
 Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5441.485 | 8.27 | 32.47 | 32.22 | 37.79 | 46.31 | 74.00 | -27.69 peak |
| 2 | 5469.552 | 8.27 | 32.53 | 32.26 | 38.15 | 46.69 | 68.20 | -21.51 peak |
| 3 | 5510.000 | 8.26 | 32.60 | 32.30 | 79.22 | 87.78 | 68.20 | 19.58 peak |



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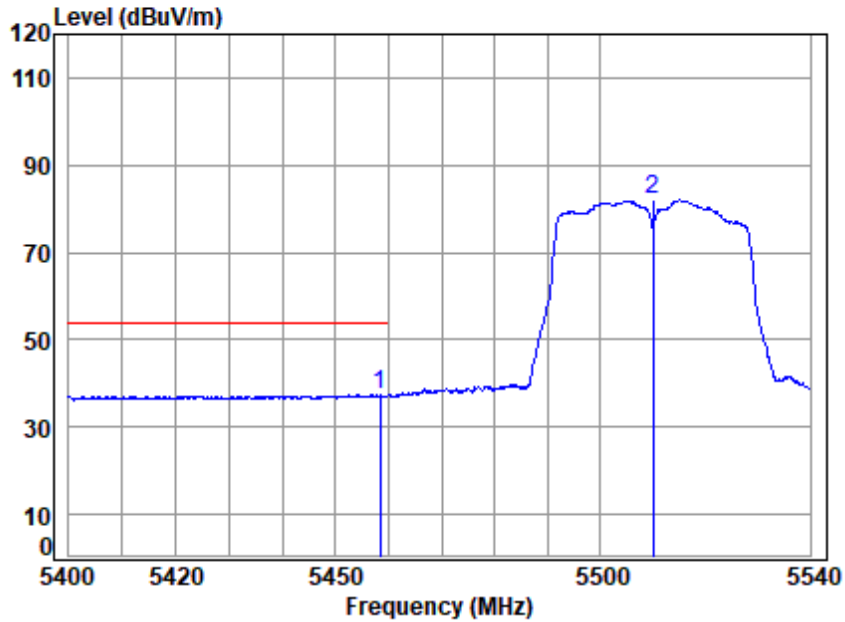
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Test Mode: 06; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5510 Band edge
 Note : 5G WIFI 11N40

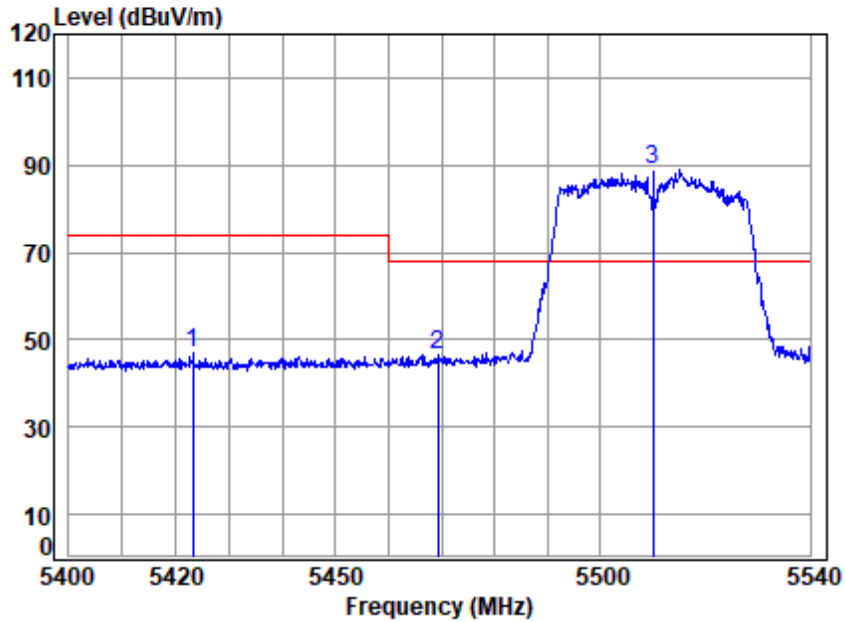
| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|----------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5458.364 | 8.27 | 32.50 | 32.24 | 28.78 | 37.31 | 54.00 | -16.69 Average |
| 2 | 5510.000 | 8.26 | 32.60 | 32.30 | 73.44 | 82.00 | ----- | ----- Average |



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Test Mode: 06; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5510 Band edge
 Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5423.271 | 8.27 | 32.42 | 32.20 | 38.36 | 46.85 | 74.00 | -27.15 | Peak |
| 2 | 5469.272 | 8.27 | 32.53 | 32.26 | 38.00 | 46.54 | 68.20 | -21.66 | peak |
| 3 | 5510.000 | 8.26 | 32.60 | 32.30 | 80.26 | 88.82 | 68.20 | 20.62 | Peak |



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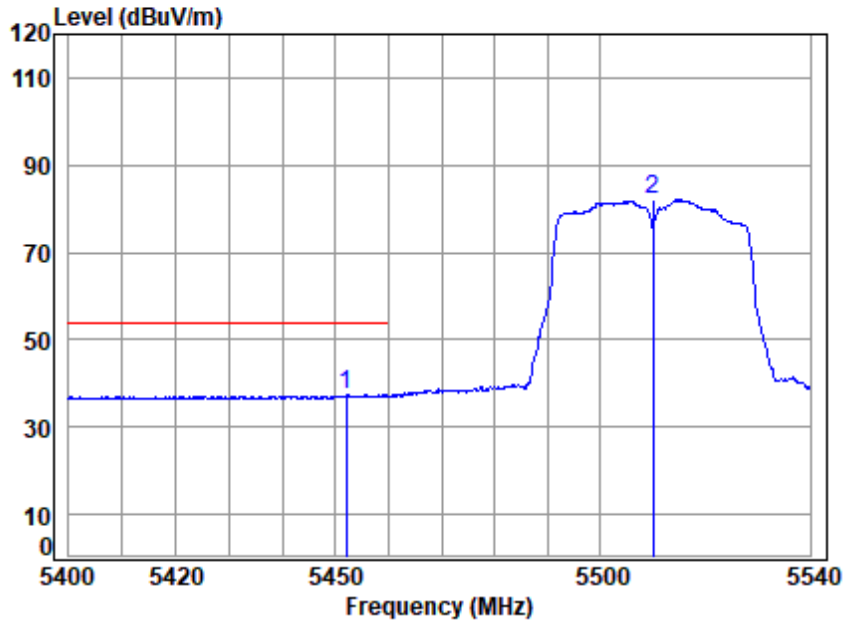
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Test Mode: 06; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5510 Band edge
 Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|----------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5452.081 | 8.27 | 32.49 | 32.24 | 28.92 | 37.44 | 54.00 | -16.56 Average |
| 2 | 5510.000 | 8.26 | 32.60 | 32.30 | 73.54 | 82.10 | ----- | ----- Average |



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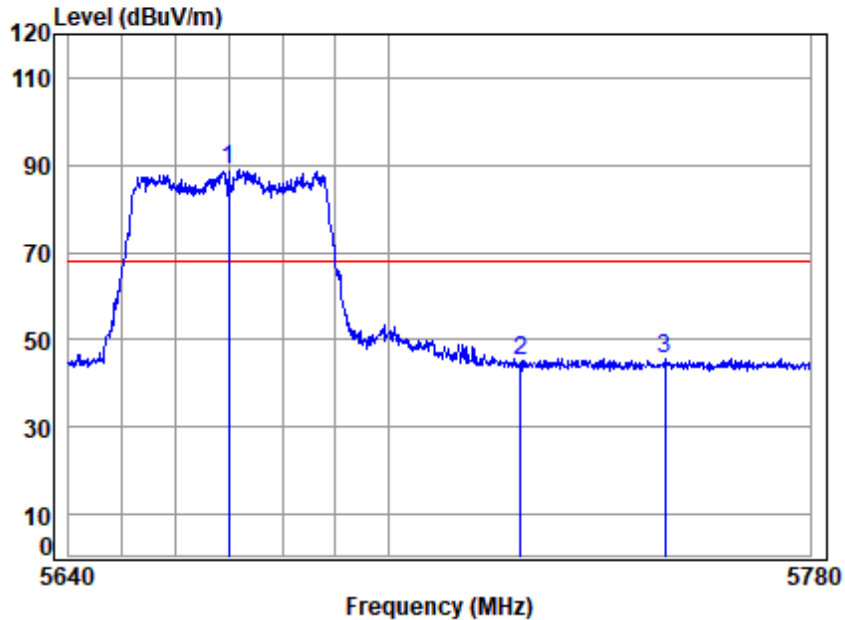
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

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Report No.: FYCR221100047404

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Test Mode: 06; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5670 Band edge
 Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5670.000 | 8.05 | 32.53 | 32.23 | 80.71 | 89.06 | 68.20 | 20.86 peak |
| 2 | 5725.000 | 7.98 | 32.51 | 32.21 | 36.85 | 45.13 | 68.20 | -23.07 peak |
| 3 | 5752.289 | 7.95 | 32.50 | 32.20 | 37.56 | 45.81 | 68.20 | -22.39 peak |



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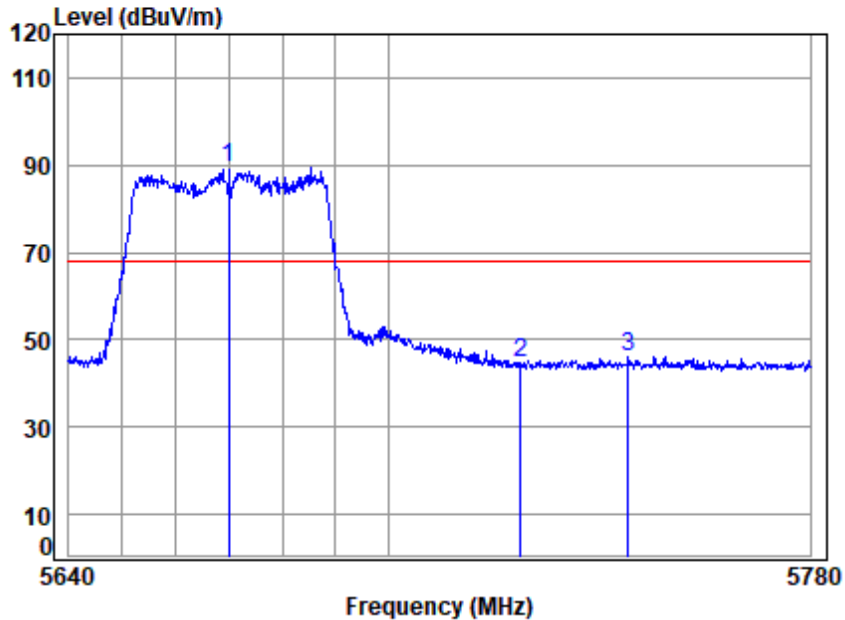
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Test Mode: 06; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5670 Band edge
 Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|--------|------------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5670.000 | 8.05 | 32.53 | 32.23 | 80.86 | 89.21 | 68.20 | 21.01 | Peak |
| 2 | 5725.000 | 7.98 | 32.51 | 32.21 | 36.66 | 44.94 | 68.20 | -23.26 | Peak |
| 3 | 5745.241 | 7.95 | 32.50 | 32.20 | 37.97 | 46.22 | 68.20 | -21.98 | Peak |



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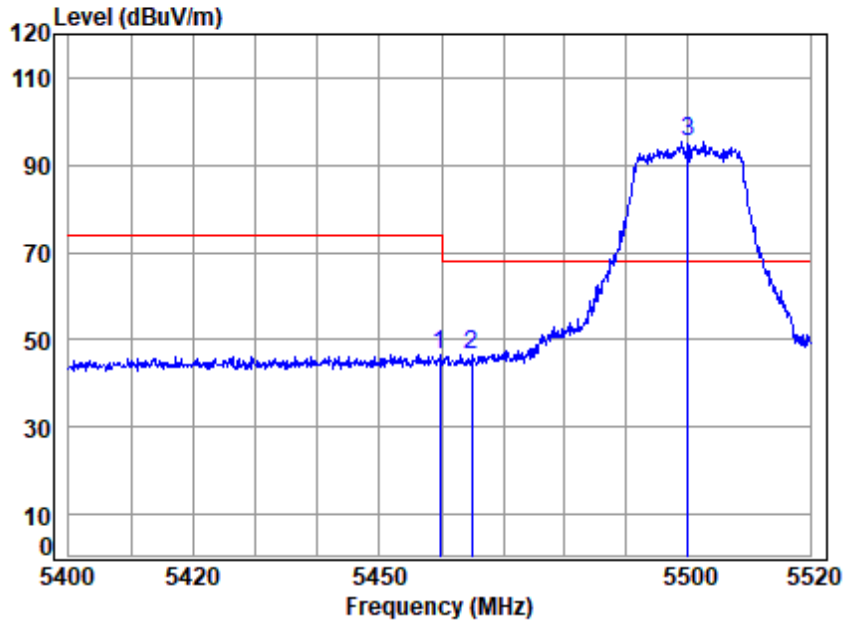
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Test Mode: 06; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5500 Band edge
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|--------|------------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5459.791 | 8.27 | 32.51 | 32.25 | 38.20 | 46.73 | 74.00 | -27.27 | peak |
| 2 | 5464.953 | 8.27 | 32.52 | 32.25 | 38.11 | 46.65 | 68.20 | -21.55 | peak |
| 3 | 5500.000 | 8.27 | 32.60 | 32.30 | 86.97 | 95.54 | 68.20 | 27.34 | peak |



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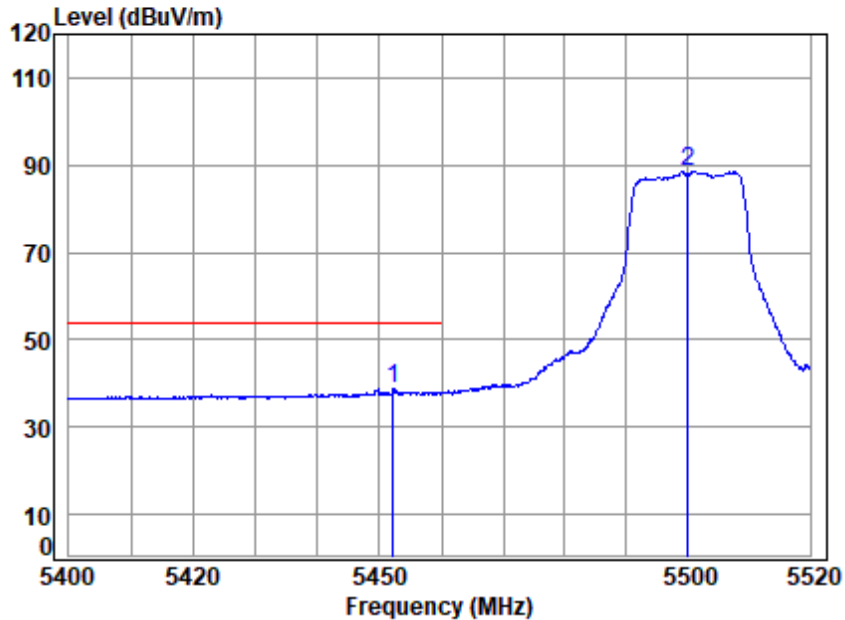
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Test Mode: 06; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5500 Band edge
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|----------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5452.235 | 8.27 | 32.49 | 32.24 | 30.25 | 38.77 | 54.00 | -15.23 Average |
| 2 | 5500.000 | 8.27 | 32.60 | 32.30 | 80.11 | 88.68 | ----- | ----- Average |



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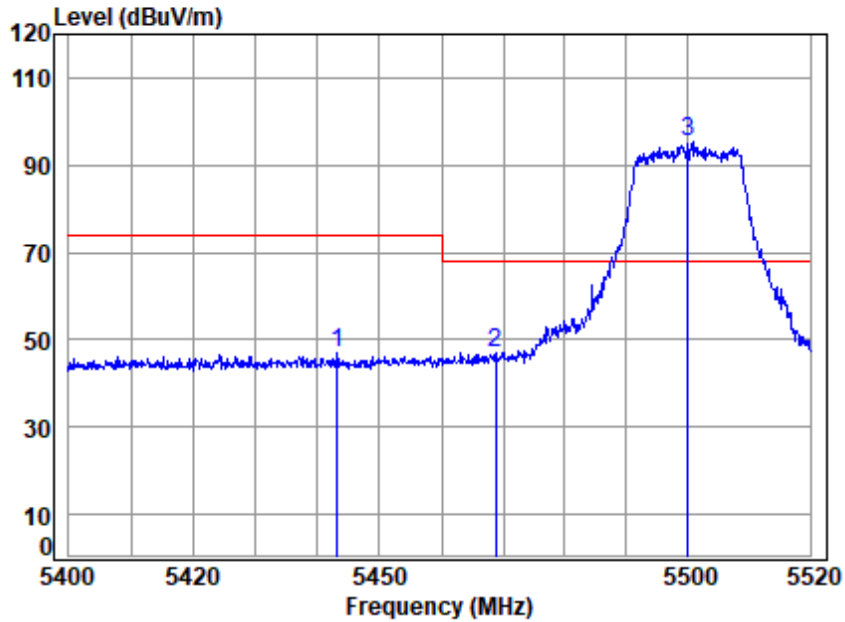
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Test Mode: 06; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5500 Band edge
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5443.136 | 8.27 | 32.47 | 32.22 | 38.39 | 46.91 | 74.00 | -27.09 Peak |
| 2 | 5468.798 | 8.27 | 32.53 | 32.26 | 38.52 | 47.06 | 68.20 | -21.14 peak |
| 3 | 5500.000 | 8.27 | 32.60 | 32.30 | 86.61 | 95.18 | 68.20 | 26.98 Peak |



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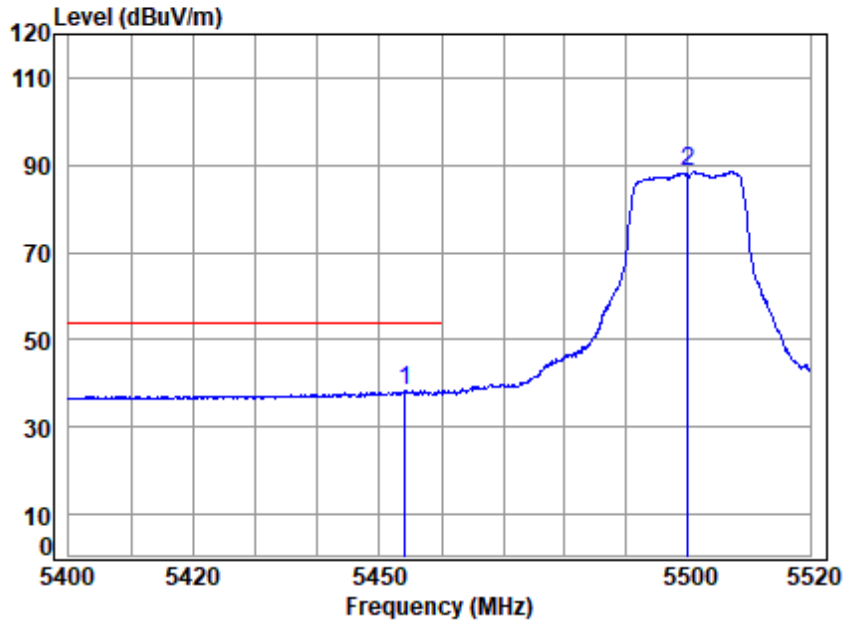
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Test Mode: 06; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5500 Band edge
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|----------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5454.153 | 8.27 | 32.49 | 32.24 | 30.03 | 38.55 | 54.00 | -15.45 Average |
| 2 | 5500.000 | 8.27 | 32.60 | 32.30 | 79.82 | 88.39 | ----- | ----- Average |



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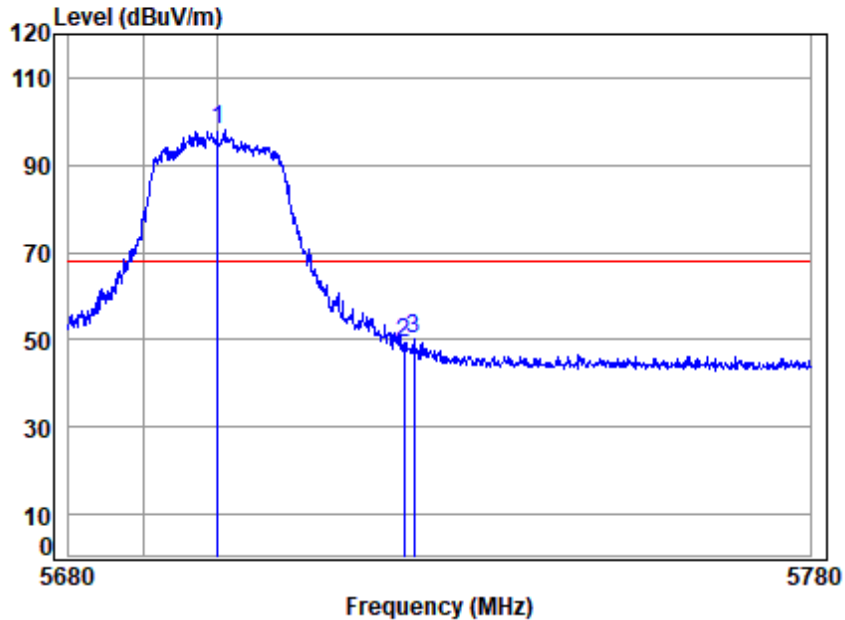
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Test Mode: 06; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5700 Band edge
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dB | |
| 1 | 5700.000 | 8.01 | 32.52 | 32.22 | 89.79 | 68.20 | 29.90 | peak |
| 2 | 5725.000 | 7.98 | 32.51 | 32.21 | 41.21 | 68.20 | -18.71 | peak |
| 3 | 5726.383 | 7.98 | 32.51 | 32.21 | 41.80 | 68.20 | -18.12 | peak |



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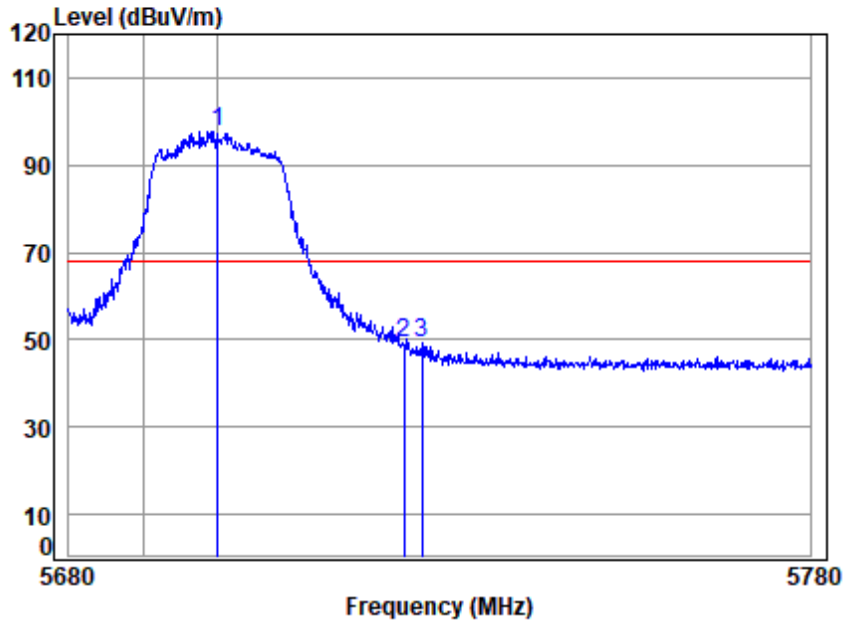
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Test Mode: 06; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5700 Band edge
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5700.000 | 8.01 | 32.52 | 32.22 | 89.37 | 97.68 | 68.20 | 29.48 Peak |
| 2 | 5725.000 | 7.98 | 32.51 | 32.21 | 41.08 | 49.36 | 68.20 | -18.84 Peak |
| 3 | 5727.382 | 7.98 | 32.51 | 32.21 | 41.05 | 49.33 | 68.20 | -18.87 Peak |



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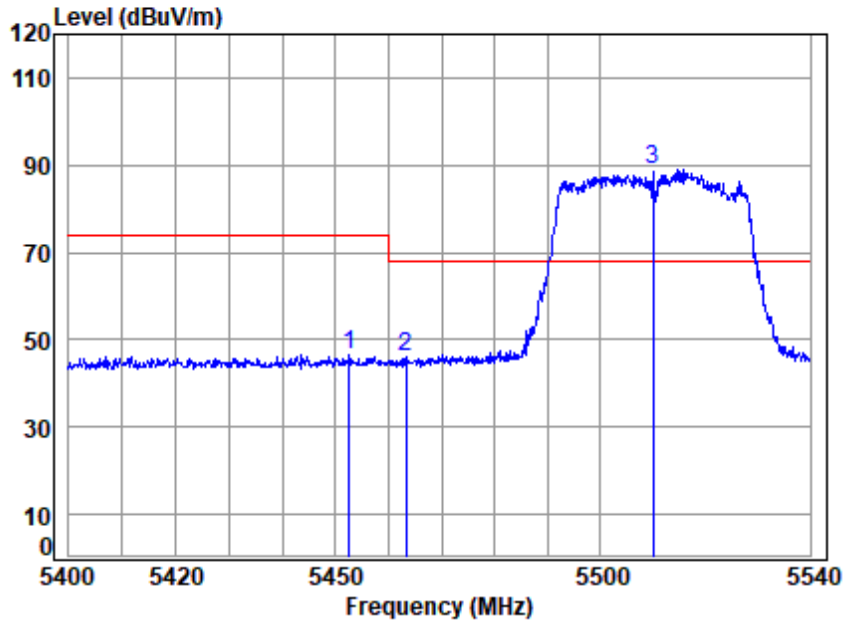
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Test Mode: 06; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5510 Band edge
 Note : 5G WIFI 11AC40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5452.639 | 8.27 | 32.49 | 32.24 | 38.08 | 46.60 | 74.00 | -27.40 peak |
| 2 | 5463.256 | 8.27 | 32.52 | 32.25 | 37.61 | 46.15 | 68.20 | -22.05 peak |
| 3 | 5510.000 | 8.26 | 32.60 | 32.30 | 80.51 | 89.07 | 68.20 | 20.87 peak |



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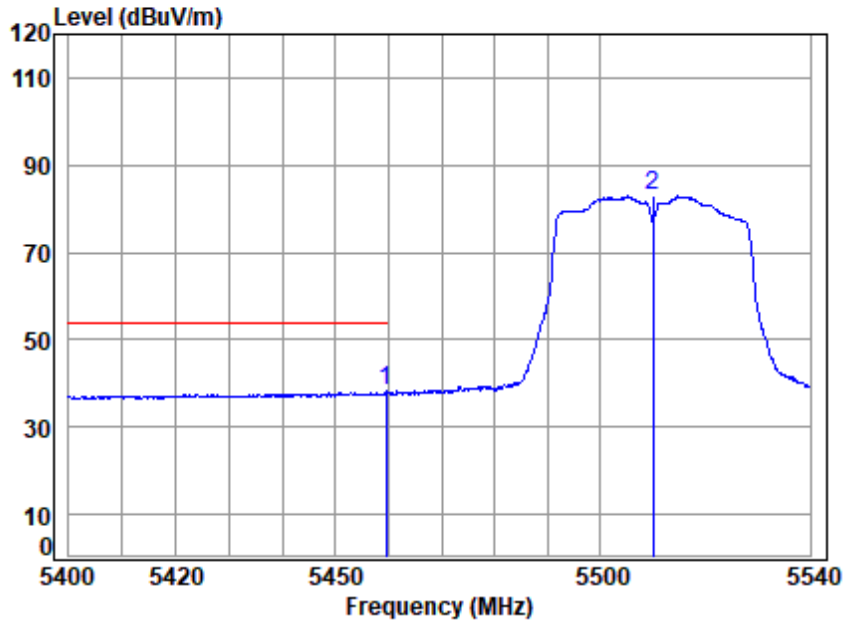
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

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Report No.: FYCR221100047404

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Test Mode: 06; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5510 Band edge
 Note : 5G WIFI 11AC40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|----------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5459.481 | 8.27 | 32.51 | 32.25 | 29.57 | 38.10 | 54.00 | -15.90 Average |
| 2 | 5510.000 | 8.26 | 32.60 | 32.30 | 74.33 | 82.89 | ----- | ----- Average |



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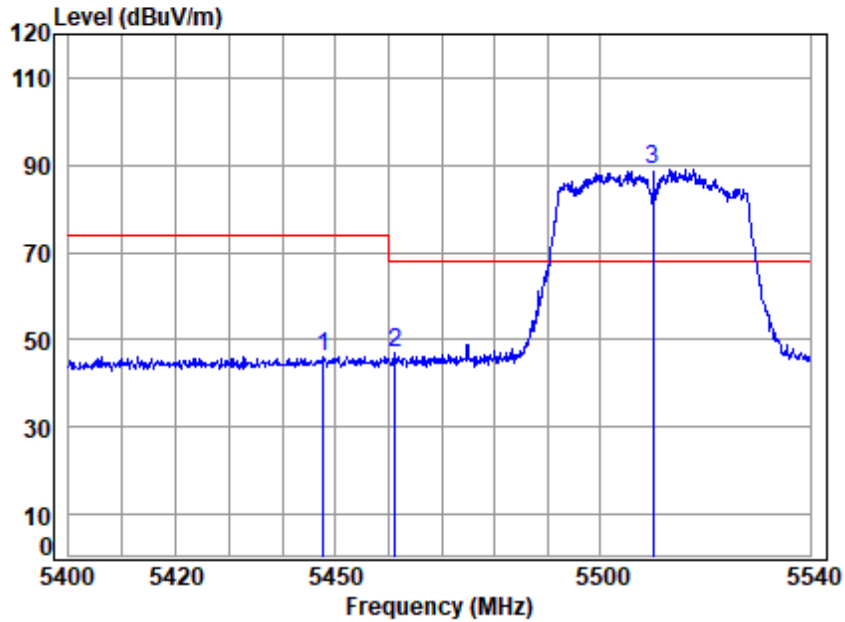
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

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Report No.: FYCR221100047404

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Test Mode: 06; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5510 Band edge
 Note : 5G WIFI 11AC40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5447.756 | 8.27 | 32.48 | 32.23 | 37.77 | 46.29 | 74.00 | -27.71 Peak |
| 2 | 5461.159 | 8.27 | 32.51 | 32.25 | 38.51 | 47.04 | 68.20 | -21.16 peak |
| 3 | 5510.000 | 8.26 | 32.60 | 32.30 | 80.34 | 88.90 | 68.20 | 20.70 Peak |



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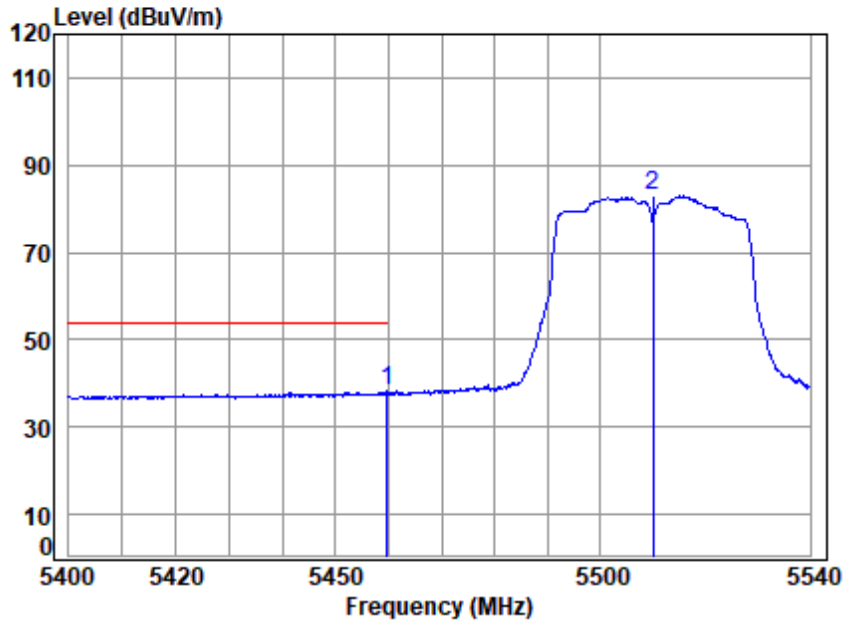
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Test Mode: 06; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5510 Band edge
 Note : 5G WIFI 11AC40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|----------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5459.622 | 8.27 | 32.51 | 32.25 | 29.66 | 38.19 | 54.00 | -15.81 Average |
| 2 | 5510.000 | 8.26 | 32.60 | 32.30 | 74.33 | 82.89 | ----- | ----- Average |



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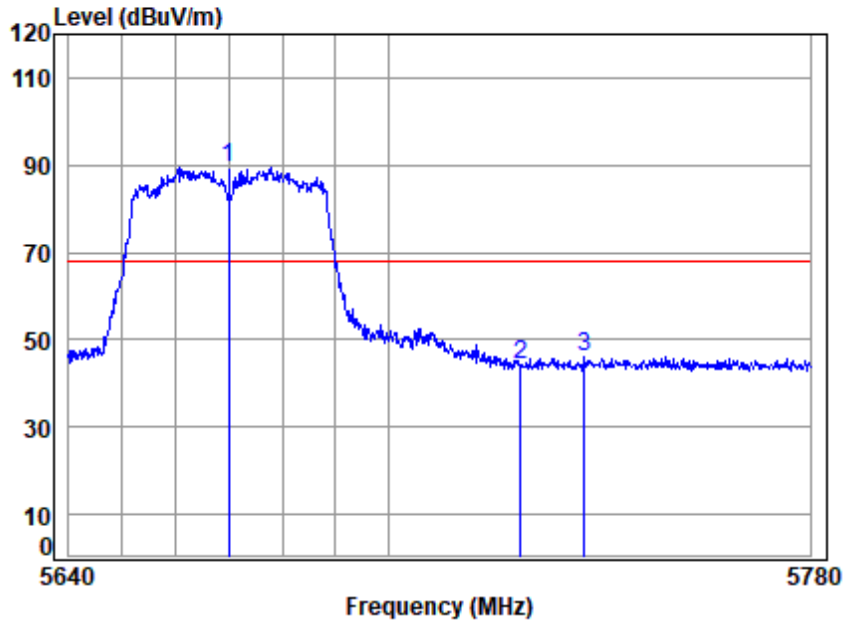
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Test Mode: 06; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5670 Band edge
 Note : 5G WIFI 11AC40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5670.000 | 8.05 | 32.53 | 32.23 | 81.29 | 89.64 | 68.20 | 21.44 peak |
| 2 | 5725.000 | 7.98 | 32.51 | 32.21 | 36.07 | 44.35 | 68.20 | -23.85 peak |
| 3 | 5737.076 | 7.96 | 32.50 | 32.20 | 37.89 | 46.15 | 68.20 | -22.05 peak |



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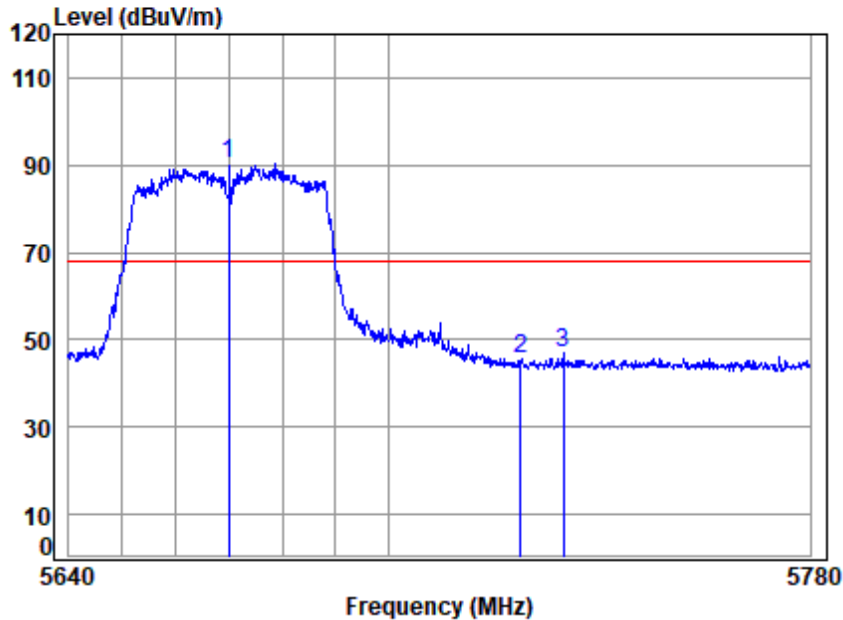
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Test Mode: 06; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5670 Band edge
 Note : 5G WIFI 11AC40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5670.000 | 8.05 | 32.53 | 32.23 | 82.17 | 90.52 | 68.20 | 22.32 Peak |
| 2 | 5725.000 | 7.98 | 32.51 | 32.21 | 37.20 | 45.48 | 68.20 | -22.72 Peak |
| 3 | 5732.998 | 7.97 | 32.50 | 32.20 | 38.52 | 46.79 | 68.20 | -21.41 Peak |



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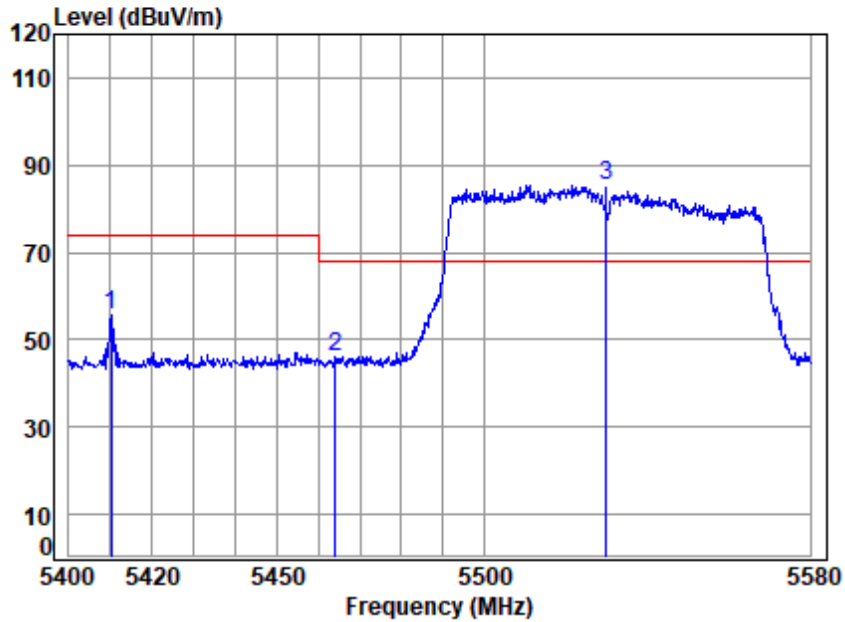
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Test Mode: 06; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5530 Band edge
 Note : 5G WIFI 11AC80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5410.102 | 8.28 | 32.39 | 32.18 | 47.08 | 55.57 | 74.00 | -18.43 | peak |
| 2 | 5463.942 | 8.27 | 32.52 | 32.25 | 37.42 | 45.96 | 68.20 | -22.24 | peak |
| 3 | 5530.000 | 8.23 | 32.59 | 32.29 | 76.95 | 85.48 | 68.20 | 17.28 | peak |



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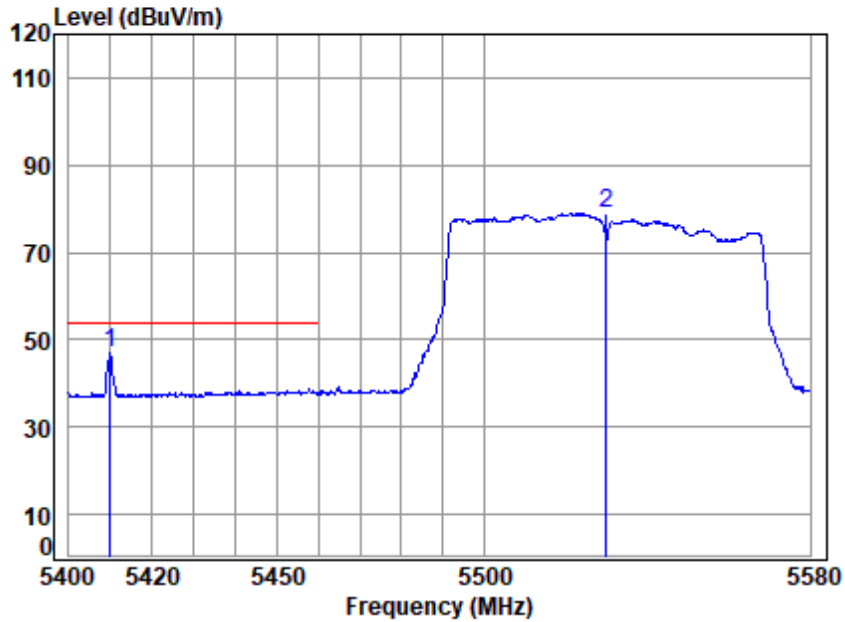
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Test Mode: 06; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5530 Band edge
 Note : 5G WIFI 11AC80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5409.925 | 8.28 | 32.39 | 32.18 | 38.54 | 47.03 | 54.00 | -6.97 | Average |
| 2 | 5530.000 | 8.23 | 32.59 | 32.29 | 70.43 | 78.96 | ----- | ----- | Average |



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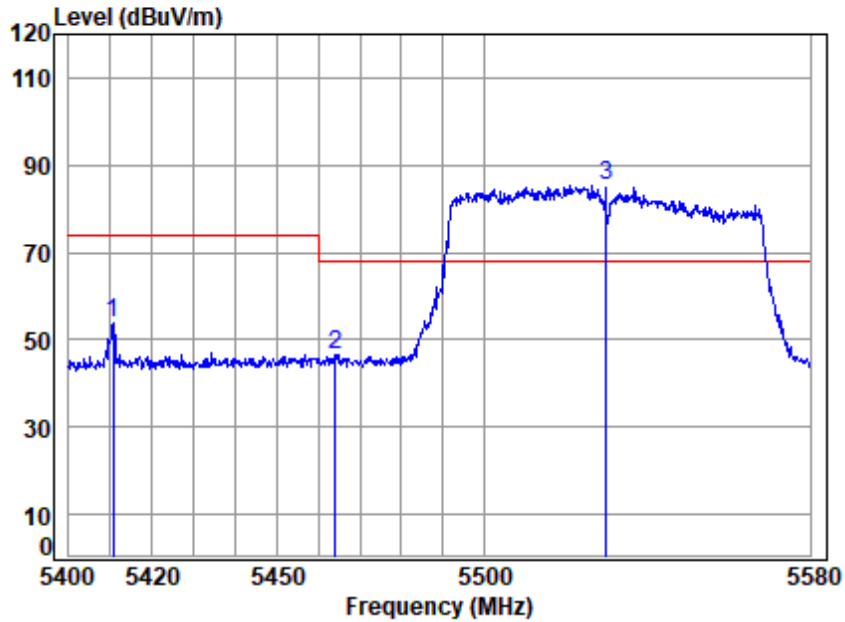
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Test Mode: 06; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5530 Band edge
 Note : 5G WIFI 11AC80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5410.634 | 8.28 | 32.39 | 32.18 | 45.32 | 53.81 | 74.00 | -20.19 | Peak |
| 2 | 5464.121 | 8.27 | 32.52 | 32.25 | 38.19 | 46.73 | 68.20 | -21.47 | peak |
| 3 | 5530.000 | 8.23 | 32.59 | 32.29 | 76.93 | 85.46 | 68.20 | 17.26 | Peak |



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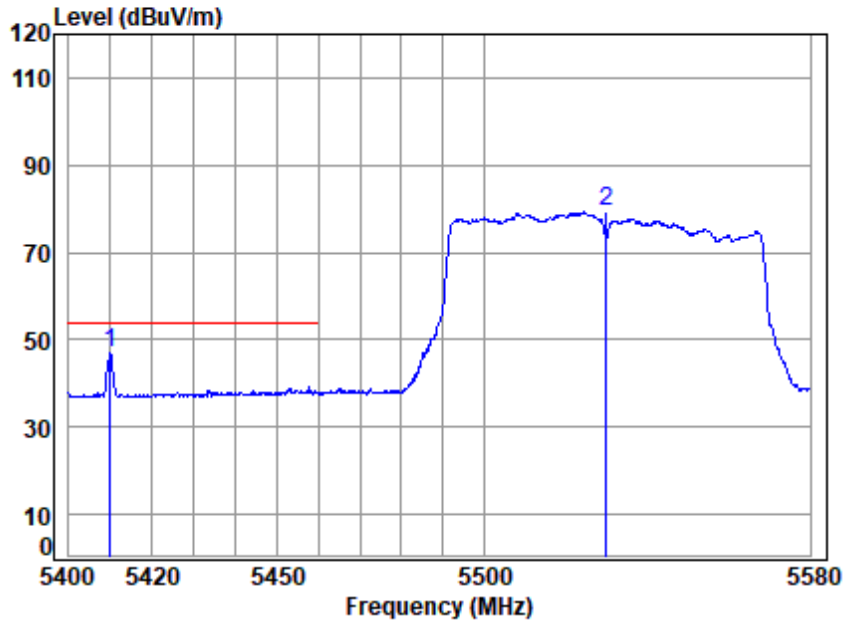
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Test Mode: 06; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5530 Band edge
 Note : 5G WIFI 11AC80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Limit Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|------------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5409.925 | 8.28 | 32.39 | 32.18 | 38.68 | 47.17 | 54.00 | -6.83 | Average |
| 2 | 5530.000 | 8.23 | 32.59 | 32.29 | 70.68 | 79.21 | ----- | ----- | Average |



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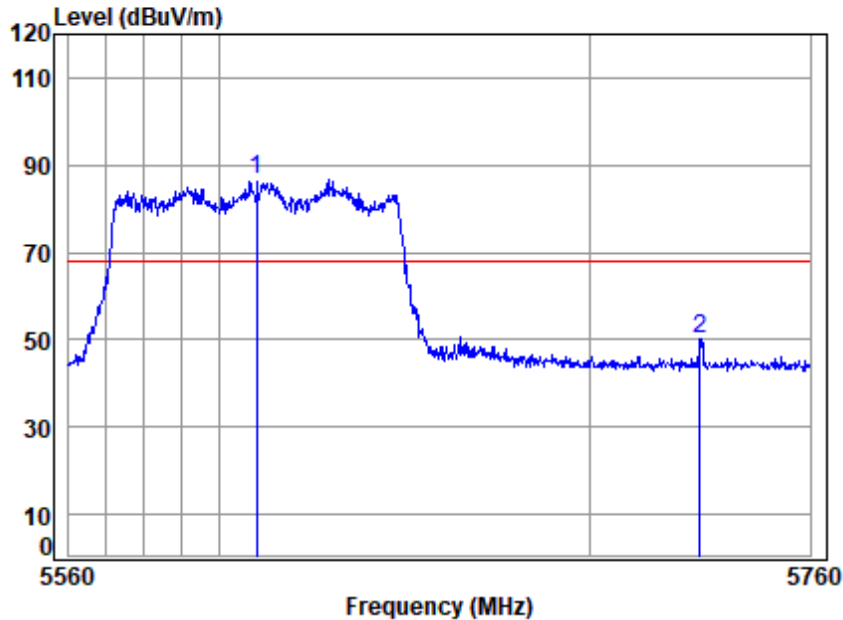
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 06; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5610 Band edge
 Note : 5G WIFI 11AC80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5610.000 | 8.13 | 32.55 | 32.25 | 78.04 | 86.47 | 68.20 | 18.27 peak |
| 2 | 5729.953 | 7.97 | 32.51 | 32.21 | 42.10 | 50.37 | 68.20 | -17.83 peak |



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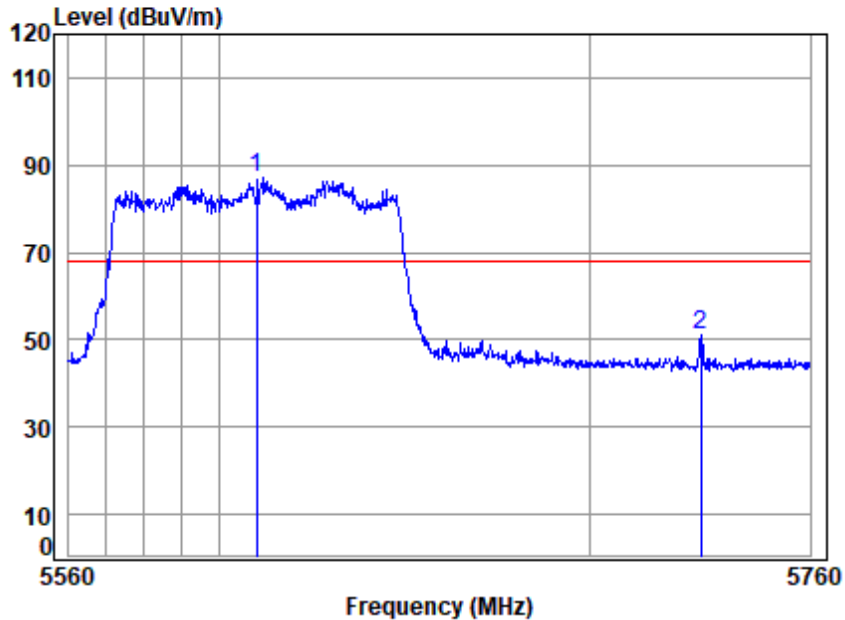
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

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Test Mode: 06; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5610 Band edge
 Note : 5G WIFI 11AC80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5610.000 | 8.13 | 32.55 | 32.25 | 78.53 | 86.96 | 68.20 | 18.76 Peak |
| 2 | 5730.155 | 7.97 | 32.51 | 32.21 | 42.63 | 50.90 | 68.20 | -17.30 Peak |



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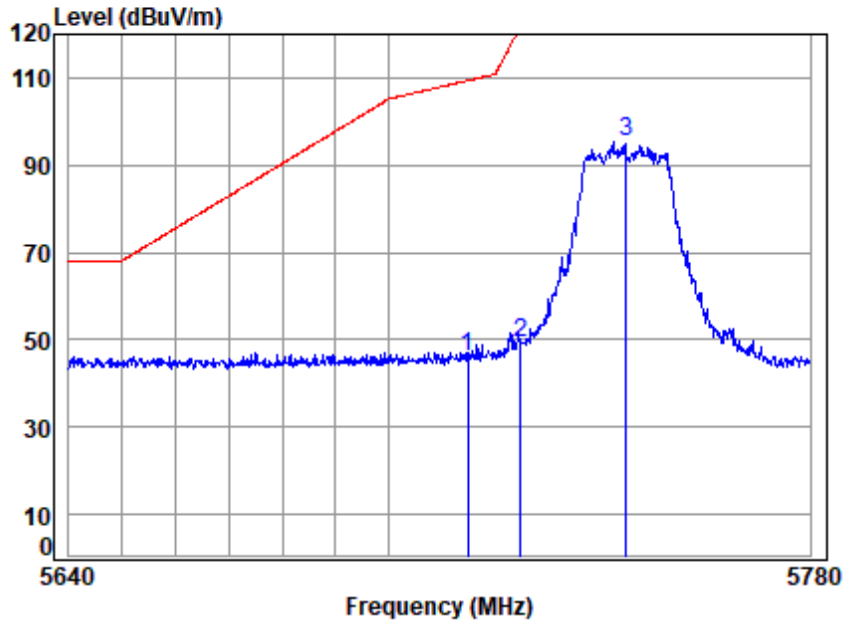
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Test Mode: 07; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5745 Band edge
 Note : 5G WIFI 11A

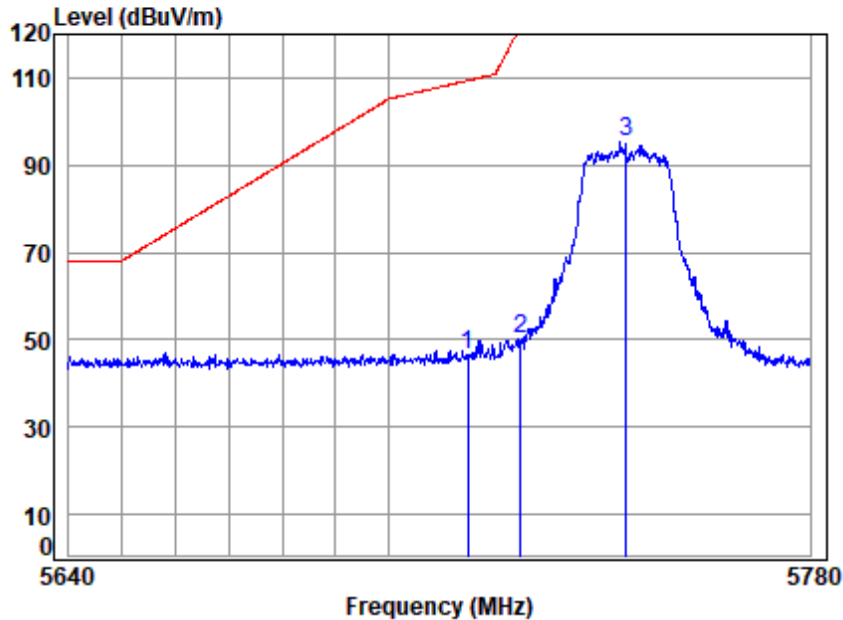
| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5715.000 | 7.99 | 32.51 | 32.21 | 37.77 | 46.06 | 109.40 | -63.34 | peak |
| 2 | 5725.000 | 7.98 | 32.51 | 32.21 | 41.18 | 49.46 | 122.20 | -72.74 | peak |
| 3 | 5745.000 | 7.95 | 32.50 | 32.20 | 87.22 | 95.47 | ----- | ----- | peak |



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Test Mode: 07; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5745 Band edge
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Limit Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5715.000 | 7.99 | 32.51 | 32.21 | 38.28 | 46.57 | 109.40 | -62.83 | peak |
| 2 | 5725.000 | 7.98 | 32.51 | 32.21 | 42.10 | 50.38 | 122.20 | -71.82 | peak |
| 3 | 5745.000 | 7.95 | 32.50 | 32.20 | 87.17 | 95.42 | ----- | ----- | peak |



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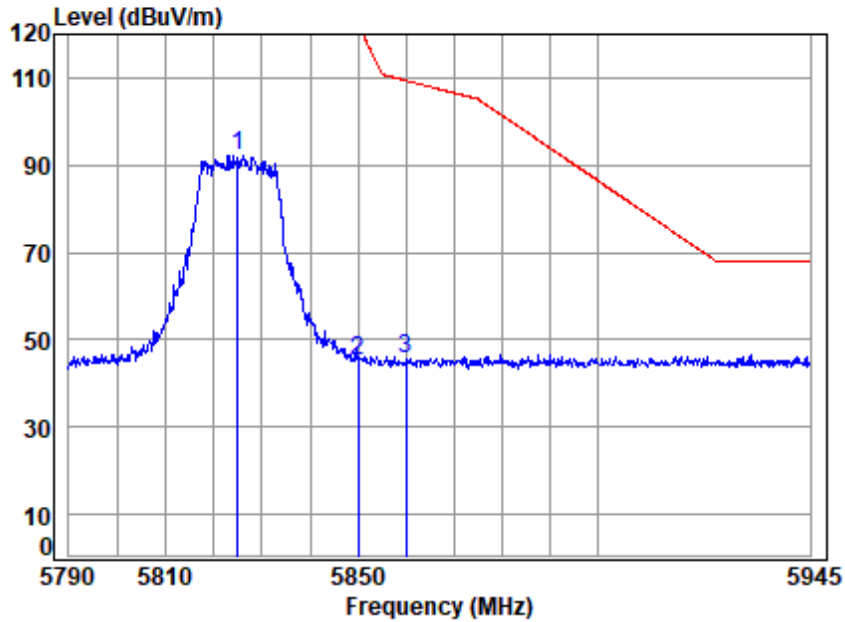
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Test Mode: 07; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5825 Band edge
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Limit Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5825.000 | 7.85 | 32.47 | 32.17 | 84.11 | 92.26 | ----- | ----- | peak |
| 2 | 5850.000 | 7.82 | 32.46 | 32.16 | 37.27 | 45.39 | 122.20 | -76.81 | peak |
| 3 | 5860.000 | 7.81 | 32.45 | 32.15 | 37.35 | 45.46 | 109.40 | -63.94 | peak |



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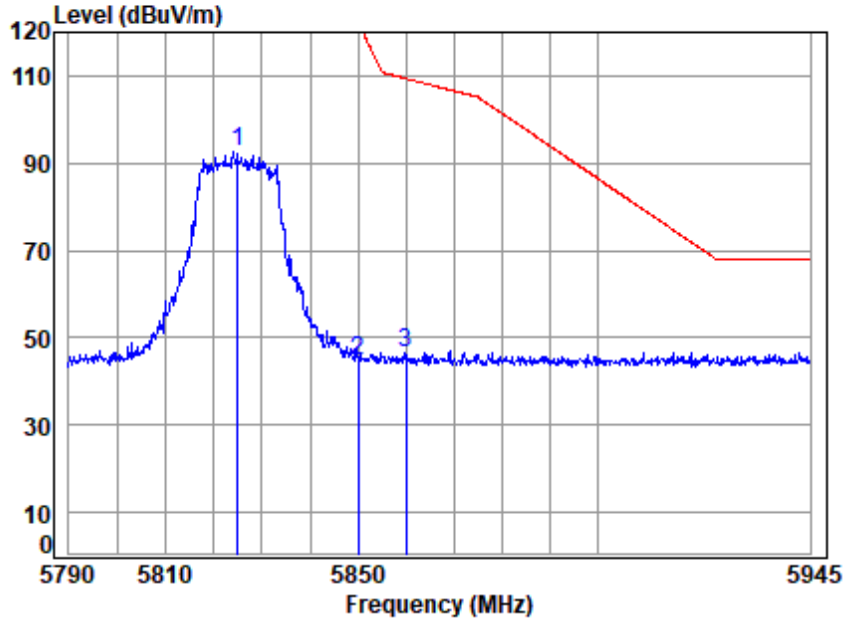
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Test Mode: 07; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5825 Band edge
 Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Limit Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5825.000 | 7.85 | 32.47 | 32.17 | 84.48 | 92.63 | ----- | ----- | peak |
| 2 | 5850.000 | 7.82 | 32.46 | 32.16 | 36.71 | 44.83 | 122.20 | -77.37 | peak |
| 3 | 5860.000 | 7.81 | 32.45 | 32.15 | 38.46 | 46.57 | 109.40 | -62.83 | peak |



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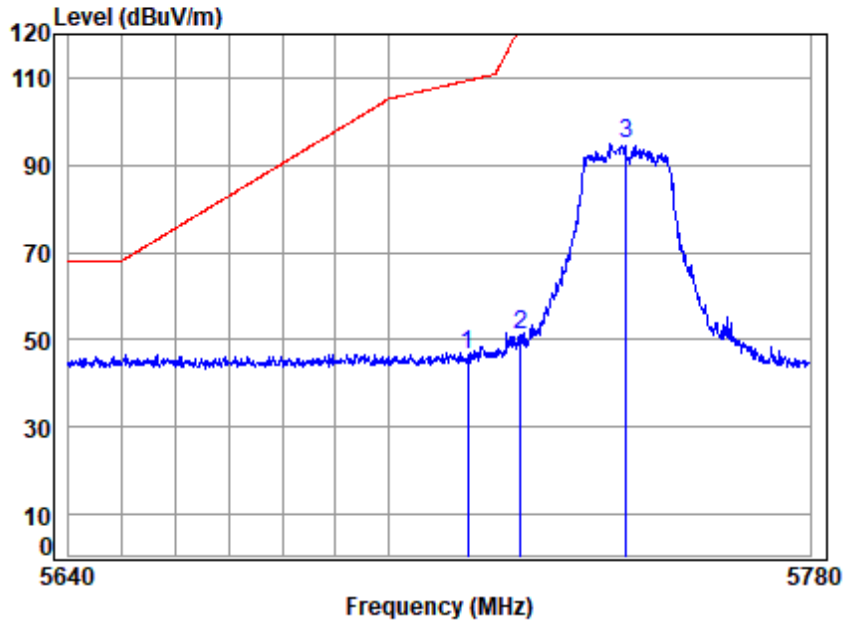
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Test Mode: 07; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5745 Band edge
 Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5715.000 | 7.99 | 32.51 | 32.21 | 38.17 | 46.46 | 109.40 | -62.94 | peak |
| 2 | 5725.000 | 7.98 | 32.51 | 32.21 | 42.85 | 51.13 | 122.20 | -71.07 | peak |
| 3 | 5745.000 | 7.95 | 32.50 | 32.20 | 86.63 | 94.88 | ----- | ----- | peak |



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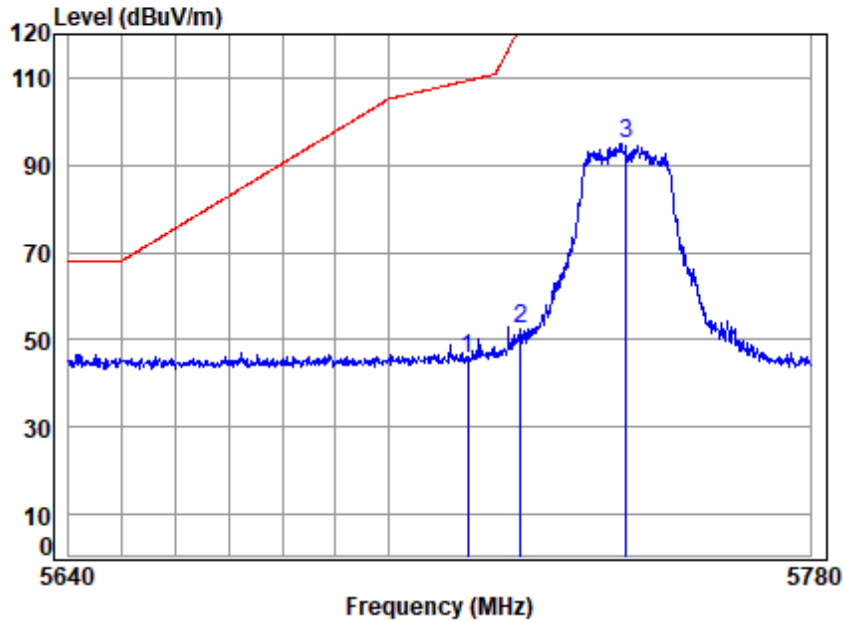
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Test Mode: 07; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5745 Band edge
 Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5715.000 | 7.99 | 32.51 | 32.21 | 37.42 | 45.71 | 109.40 | -63.69 | peak |
| 2 | 5725.000 | 7.98 | 32.51 | 32.21 | 44.03 | 52.31 | 122.20 | -69.89 | peak |
| 3 | 5745.000 | 7.95 | 32.50 | 32.20 | 86.79 | 95.04 | ----- | ----- | peak |



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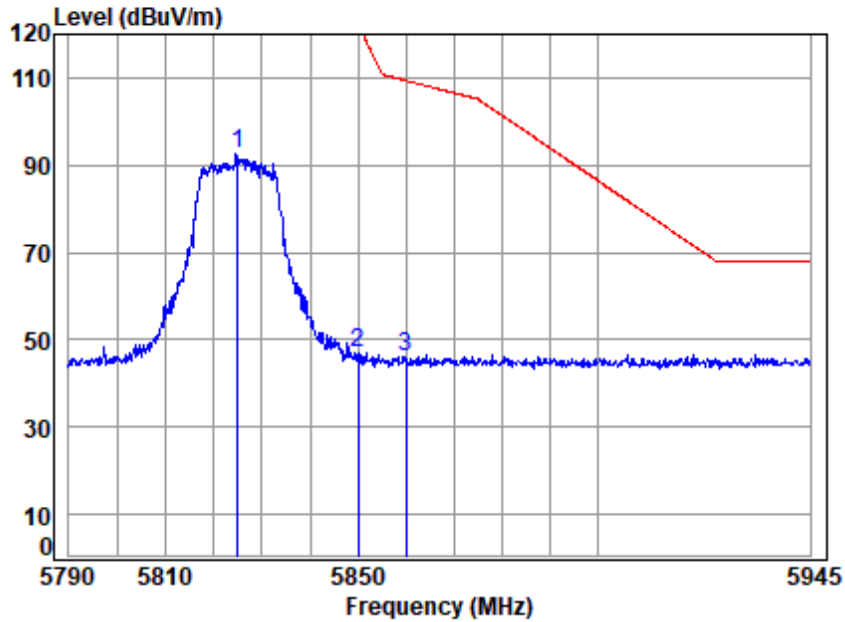
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Test Mode: 07; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5825 Band edge
 Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Limit Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5825.000 | 7.85 | 32.47 | 32.17 | 84.34 | 92.49 | ----- | ----- | peak |
| 2 | 5850.000 | 7.82 | 32.46 | 32.16 | 38.74 | 46.86 | 122.20 | -75.34 | peak |
| 3 | 5860.000 | 7.81 | 32.45 | 32.15 | 38.14 | 46.25 | 109.40 | -63.15 | peak |



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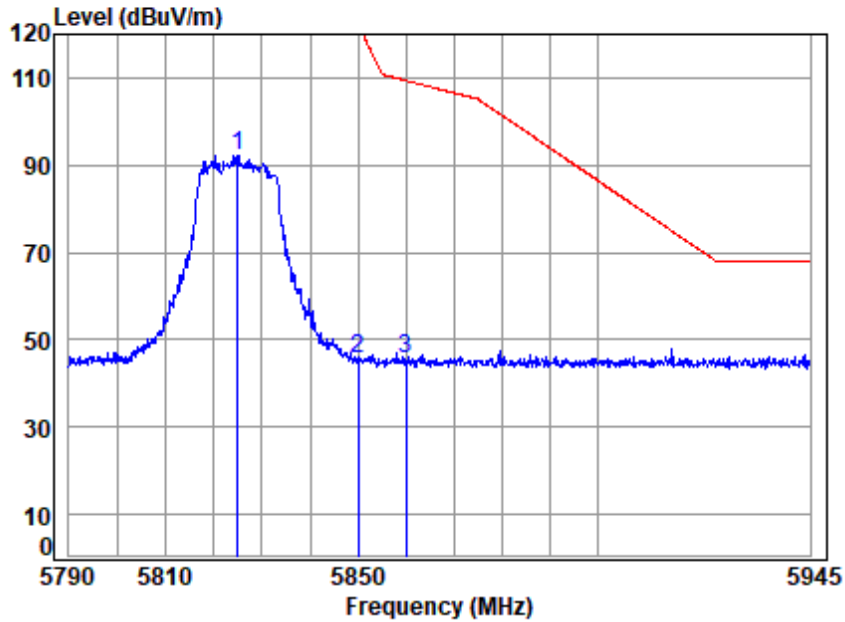
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

Report No.: FYCR221100047404

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Test Mode: 07; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5825 Band edge
 Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Limit Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5825.000 | 7.85 | 32.47 | 32.17 | 83.92 | 92.07 | ----- | ----- | peak |
| 2 | 5850.000 | 7.82 | 32.46 | 32.16 | 37.29 | 45.41 | 122.20 | -76.79 | peak |
| 3 | 5860.000 | 7.81 | 32.45 | 32.15 | 37.31 | 45.42 | 109.40 | -63.98 | peak |



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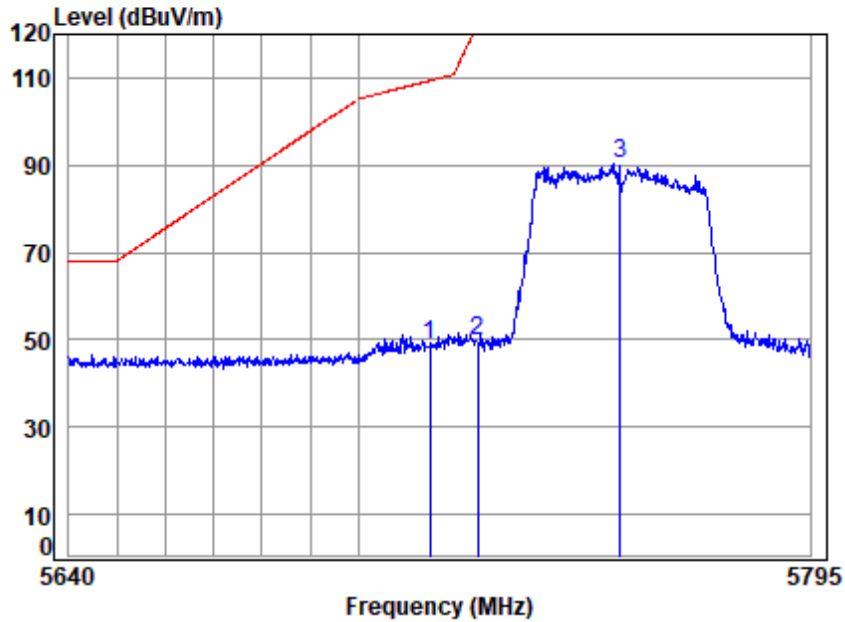
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

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Test Mode: 07; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5755 Band edge
 Note : 5G WIFI 11N40

| | Cable | Ant | Preamp | Read | Limit | Over | | |
|------|----------|--------|--------|-------|--------|--------|--------|-------------|
| Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5715.000 | 7.99 | 32.51 | 32.21 | 40.54 | 48.83 | 109.40 | -60.57 peak |
| 2 | 5725.000 | 7.98 | 32.51 | 32.21 | 41.27 | 49.55 | 122.20 | -72.65 peak |
| 3 | 5755.000 | 7.94 | 32.50 | 32.20 | 82.29 | 90.53 | ----- | ----- peak |



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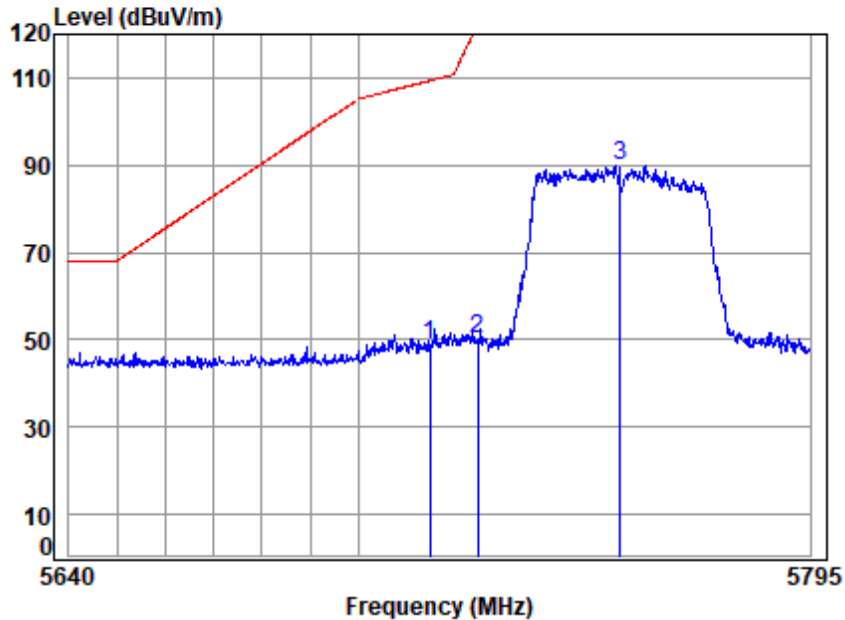
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

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Report No.: FYCR221100047404

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Test Mode: 07; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5755 Band edge
 Note : 5G WIFI 11N40

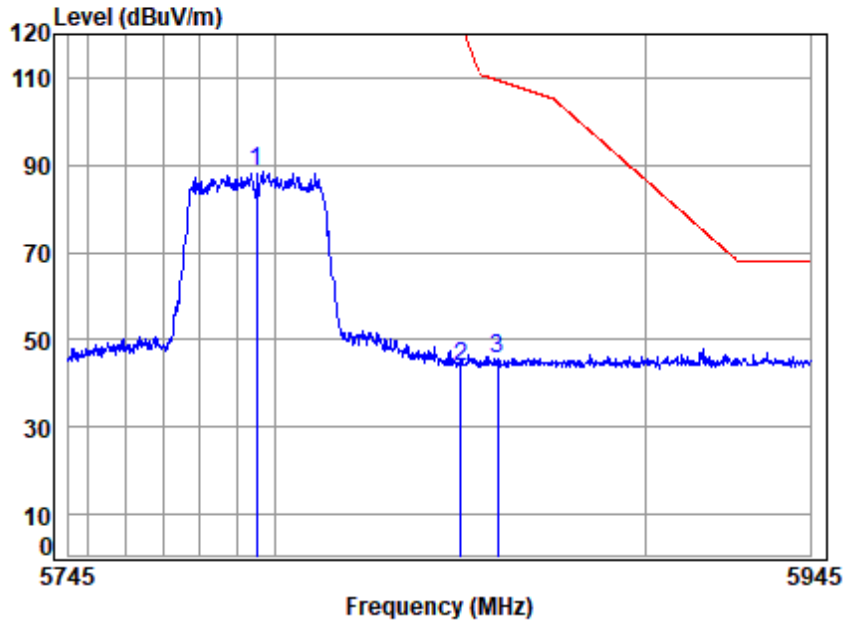
| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5715.000 | 7.99 | 32.51 | 32.21 | 40.46 | 48.75 | 109.40 | -60.65 | peak |
| 2 | 5725.000 | 7.98 | 32.51 | 32.21 | 41.94 | 50.22 | 122.20 | -71.98 | peak |
| 3 | 5755.000 | 7.94 | 32.50 | 32.20 | 81.48 | 89.72 | ----- | ----- | peak |



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Test Mode: 07; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5795 Band edge
 Note : 5G WIFI 11N40

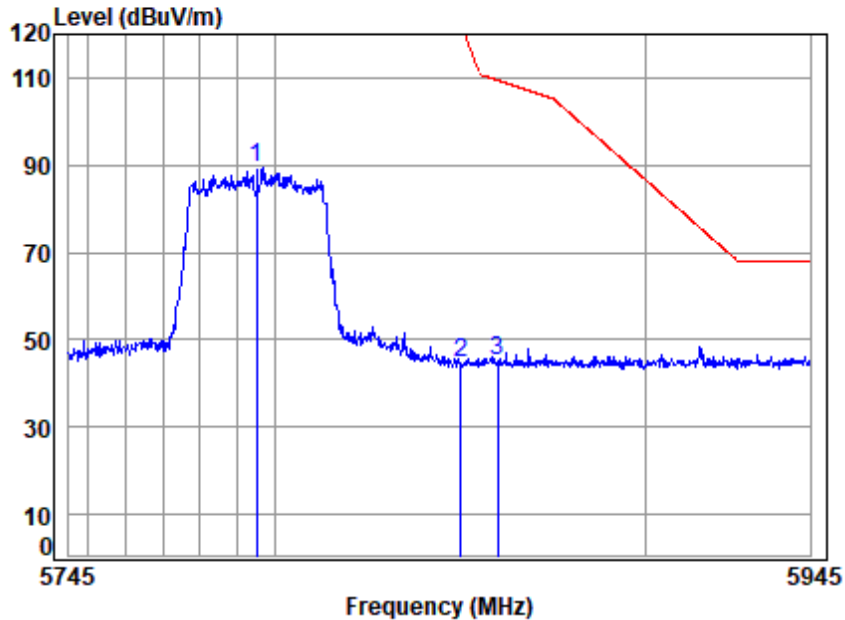
| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Limit Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5795.000 | 7.89 | 32.48 | 32.18 | 80.32 | 88.51 | ----- | ----- | peak |
| 2 | 5850.000 | 7.82 | 32.46 | 32.16 | 35.74 | 43.86 | 122.20 | -78.34 | peak |
| 3 | 5860.000 | 7.81 | 32.45 | 32.15 | 37.53 | 45.64 | 109.40 | -63.76 | peak |



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Test Mode: 07; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5795 Band edge
 Note : 5G WIFI 11N40

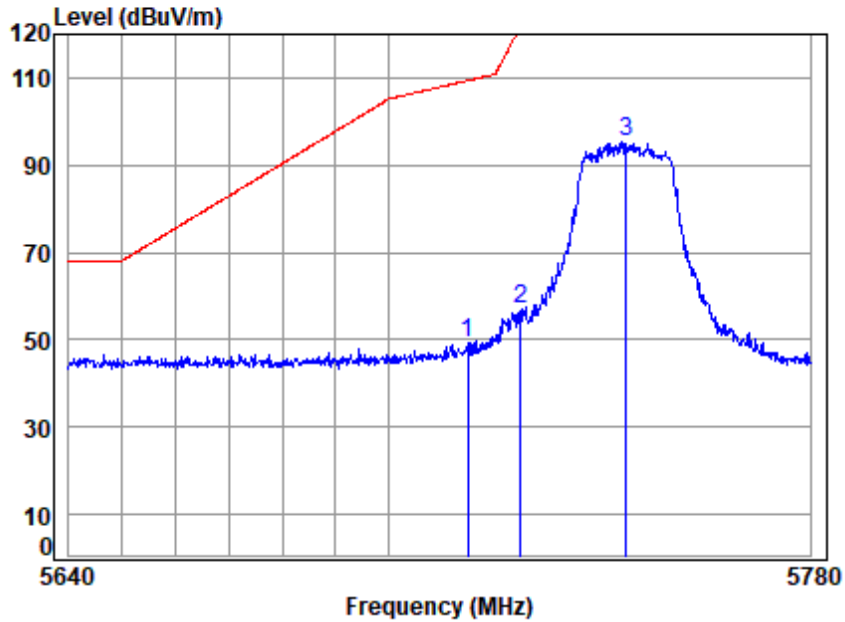
| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Limit Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5795.000 | 7.89 | 32.48 | 32.18 | 81.09 | 89.28 | ----- | ----- | peak |
| 2 | 5850.000 | 7.82 | 32.46 | 32.16 | 36.48 | 44.60 | 122.20 | -77.60 | peak |
| 3 | 5860.000 | 7.81 | 32.45 | 32.15 | 36.92 | 45.03 | 109.40 | -64.37 | peak |



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Test Mode: 07; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5745 Band edge
 Note : 5G WIFI 11AC20

| | Cable | Ant | Preamp | Read | Limit | Over | | |
|------|----------|--------|--------|-------|--------|--------|--------|-------------|
| Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5715.000 | 7.99 | 32.51 | 32.21 | 40.85 | 49.14 | 109.40 | -60.26 peak |
| 2 | 5725.000 | 7.98 | 32.51 | 32.21 | 48.90 | 57.18 | 122.20 | -65.02 peak |
| 3 | 5745.000 | 7.95 | 32.50 | 32.20 | 87.12 | 95.37 | ----- | ----- peak |



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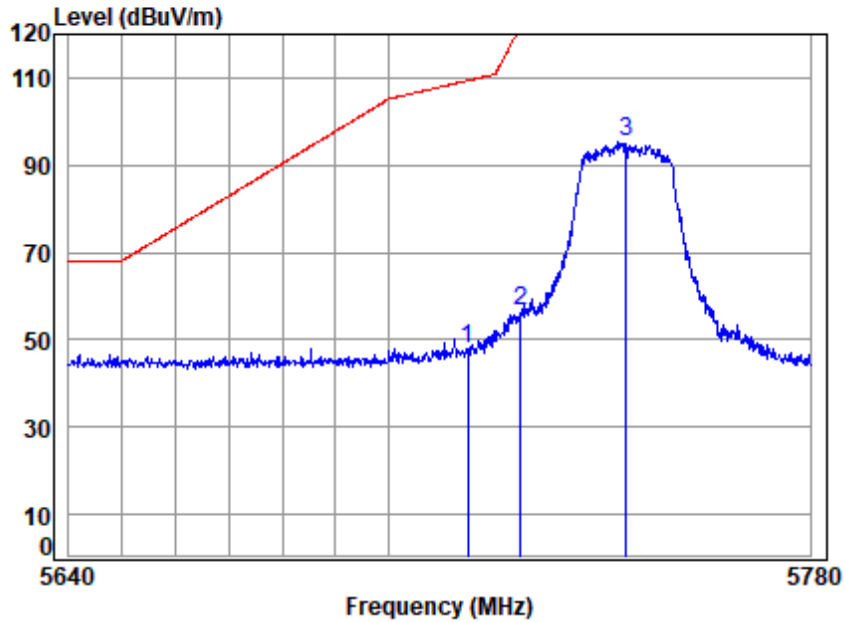
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SZCCS-TRF-01 Rev. A/0 Aug01,2022

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Test Mode: 07; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5745 Band edge
 Note : 5G WIFI 11AC20

| | Cable | Ant | Preamp | Read | Limit | Over | | |
|------|-------|--------|--------|-------|--------|--------|--------|--------|
| Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 7.99 | 32.51 | 32.21 | 39.46 | 47.75 | 109.40 | -61.65 | peak |
| 2 | 7.98 | 32.51 | 32.21 | 48.44 | 56.72 | 122.20 | -65.48 | peak |
| 3 | 7.95 | 32.50 | 32.20 | 87.18 | 95.43 | ----- | ----- | peak |



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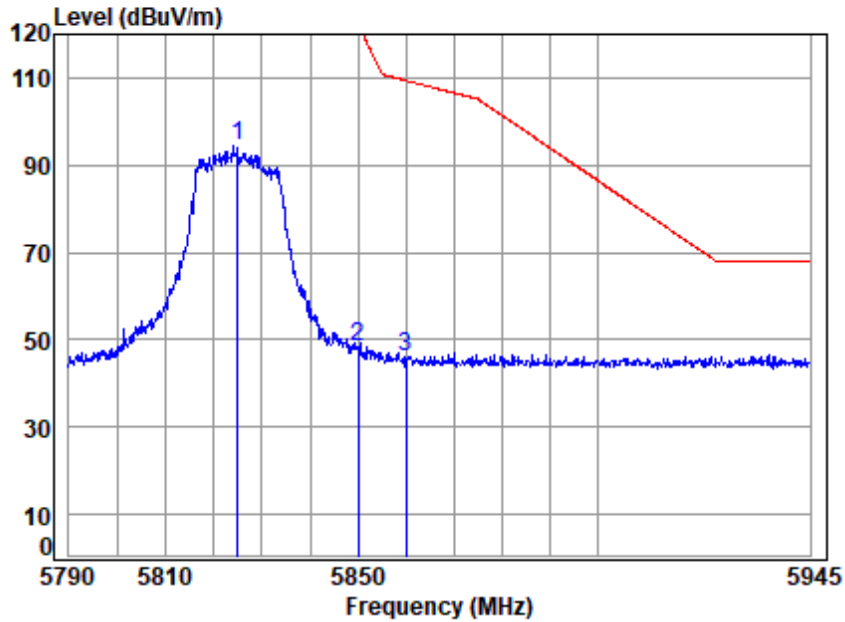
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Test Mode: 07; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5825 Band edge
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Limit Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5825.000 | 7.85 | 32.47 | 32.17 | 86.14 | 94.29 | ----- | ----- | peak |
| 2 | 5850.000 | 7.82 | 32.46 | 32.16 | 40.24 | 48.36 | 122.20 | -73.84 | peak |
| 3 | 5860.000 | 7.81 | 32.45 | 32.15 | 37.96 | 46.07 | 109.40 | -63.33 | peak |



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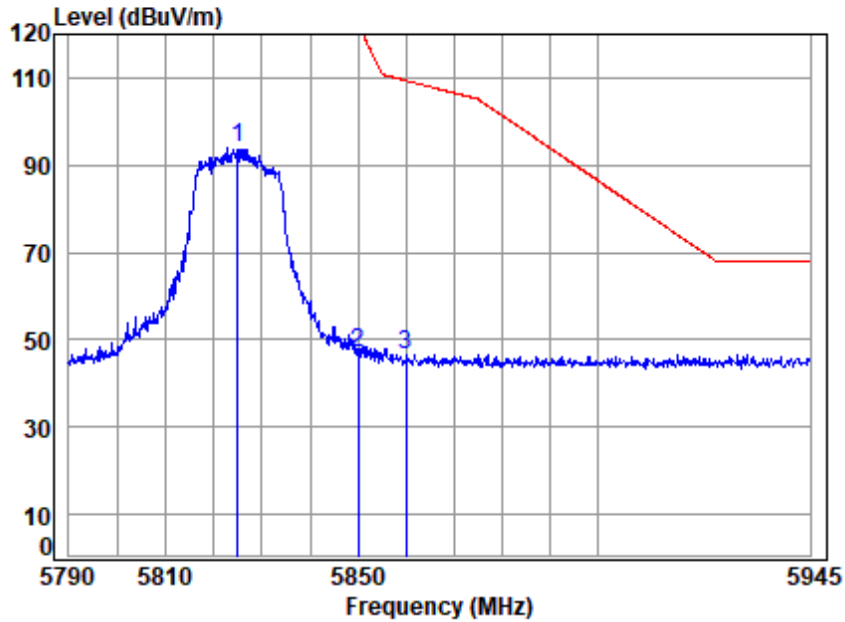
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Test Mode: 07; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5825 Band edge
 Note : 5G WIFI 11AC20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Limit Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5825.000 | 7.85 | 32.47 | 32.17 | 85.70 | 93.85 | ----- | ----- | peak |
| 2 | 5850.000 | 7.82 | 32.46 | 32.16 | 38.69 | 46.81 | 122.20 | -75.39 | peak |
| 3 | 5860.000 | 7.81 | 32.45 | 32.15 | 38.36 | 46.47 | 109.40 | -62.93 | peak |



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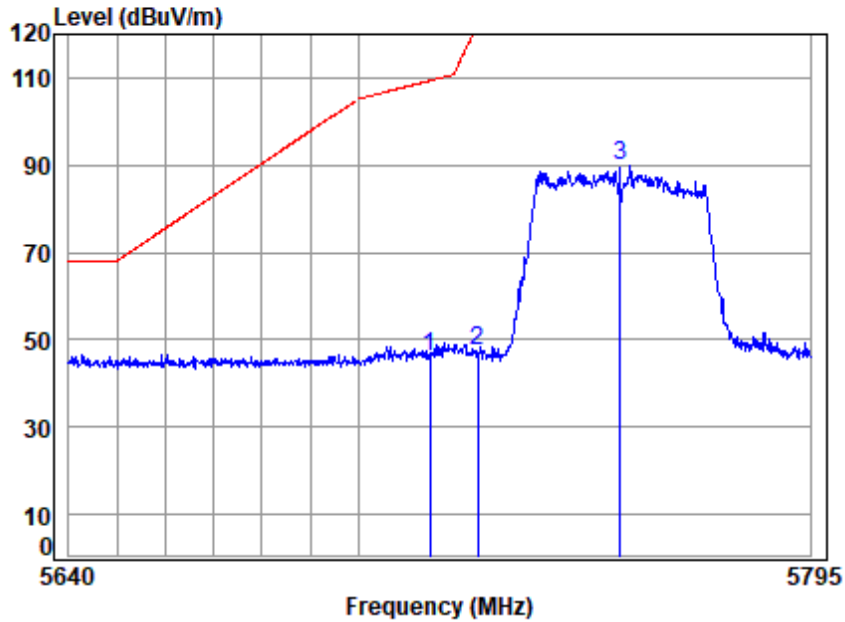
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Test Mode: 07; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5755 Band edge
 Note : 5G WIFI 11AC40

| | Cable | Ant | Preamp | Read | Limit | Over | | |
|------|-------|--------|--------|-------|--------|--------|--------|--------|
| Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 7.99 | 32.51 | 32.21 | 37.87 | 46.16 | 109.40 | -63.24 | peak |
| 2 | 7.98 | 32.51 | 32.21 | 39.19 | 47.47 | 122.20 | -74.73 | peak |
| 3 | 7.94 | 32.50 | 32.20 | 81.86 | 90.10 | ----- | ----- | peak |



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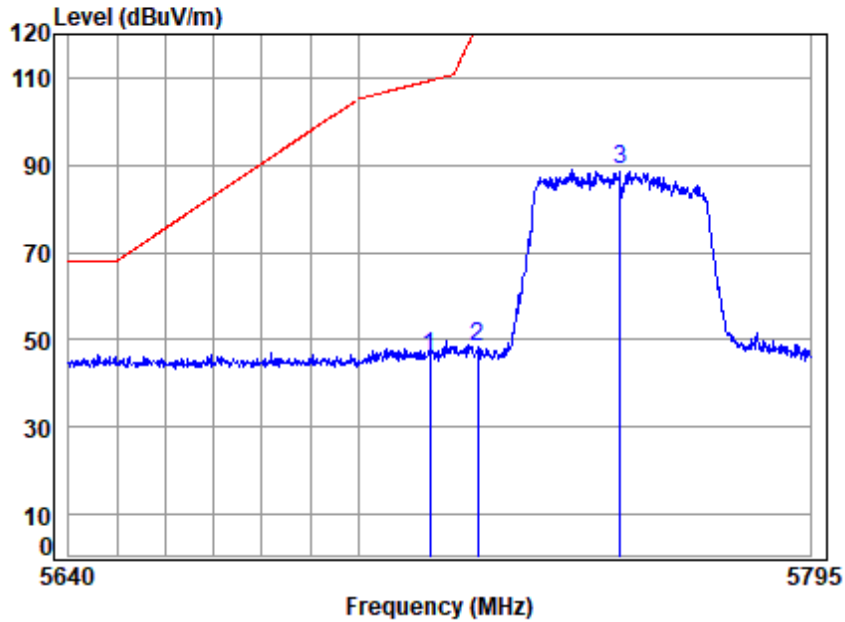
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Test Mode: 07; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5755 Band edge
 Note : 5G WIFI 11AC40

| | Cable | Ant | Preamp | Read | Limit | Over | | |
|------|-------|--------|--------|-------|--------|--------|--------|--------|
| Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 7.99 | 32.51 | 32.21 | 37.58 | 45.87 | 109.40 | -63.53 | peak |
| 2 | 7.98 | 32.51 | 32.21 | 39.94 | 48.22 | 122.20 | -73.98 | peak |
| 3 | 7.94 | 32.50 | 32.20 | 80.82 | 89.06 | ----- | ----- | peak |



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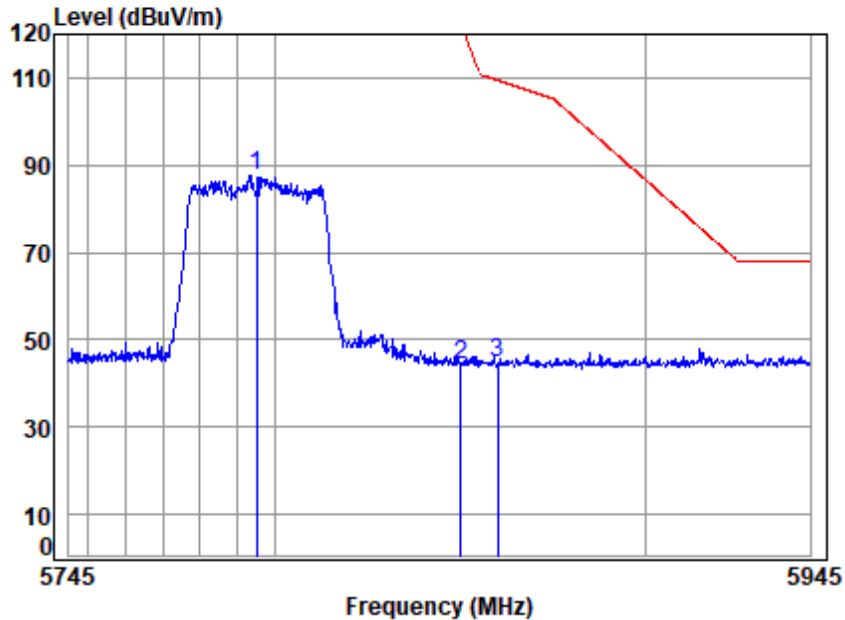
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Test Mode: 07; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5795 Band edge
 Note : 5G WIFI 11AC40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|-----------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5795.000 | 7.89 | 32.48 | 32.18 | 79.45 | 87.64 | ----- | ----- | peak |
| 2 | 5850.000 | 7.82 | 32.46 | 32.16 | 35.95 | 44.07 | 122.20 | -78.13 | peak |
| 3 | 5860.000 | 7.81 | 32.45 | 32.15 | 36.80 | 44.91 | 109.40 | -64.49 | peak |



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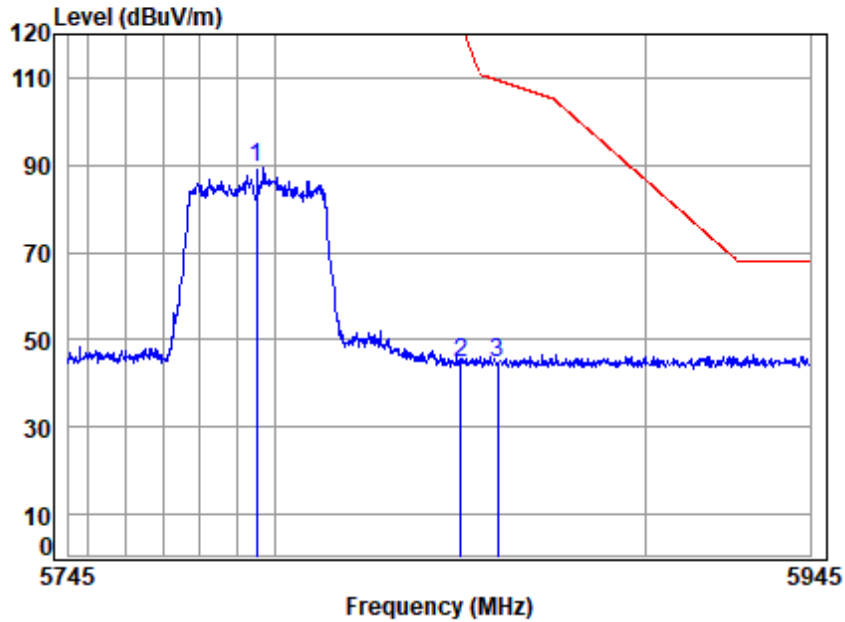
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Test Mode: 07; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5795 Band edge
 Note : 5G WIFI 11AC40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Limit Line | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5795.000 | 7.89 | 32.48 | 32.18 | 81.32 | 89.51 | ----- | ----- | peak |
| 2 | 5850.000 | 7.82 | 32.46 | 32.16 | 36.42 | 44.54 | 122.20 | -77.66 | peak |
| 3 | 5860.000 | 7.81 | 32.45 | 32.15 | 36.76 | 44.87 | 109.40 | -64.53 | peak |



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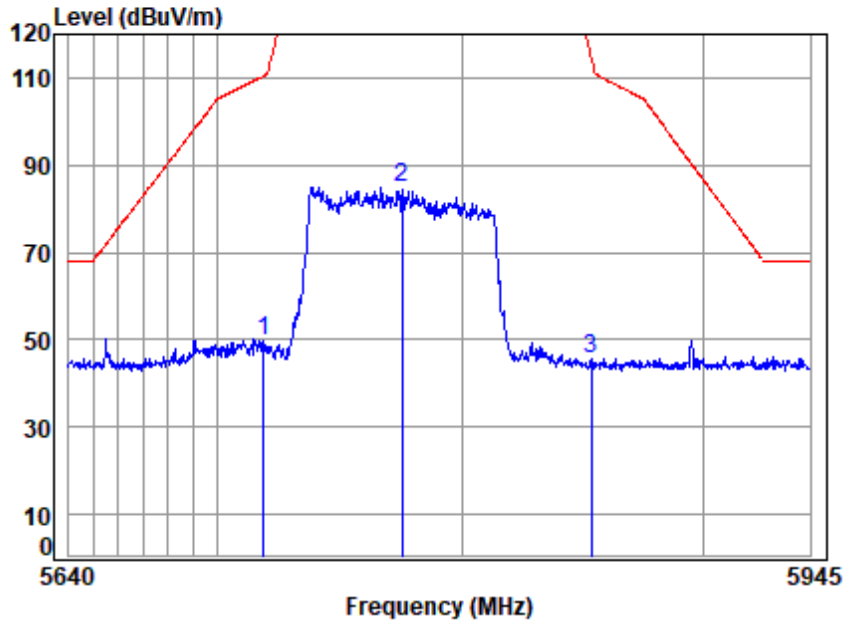
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Test Mode: 07; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT/00475AT
 Mode : 5775 Band edge
 Note : 5G WIFI 11AC80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5718.665 | 7.99 | 32.51 | 32.21 | 41.65 | 49.94 | 110.43 | -60.49 peak |
| 2 | 5775.000 | 7.92 | 32.49 | 32.19 | 76.75 | 84.97 | ----- | ----- peak |
| 3 | 5853.349 | 7.82 | 32.46 | 32.16 | 37.68 | 45.80 | 114.56 | -68.76 peak |



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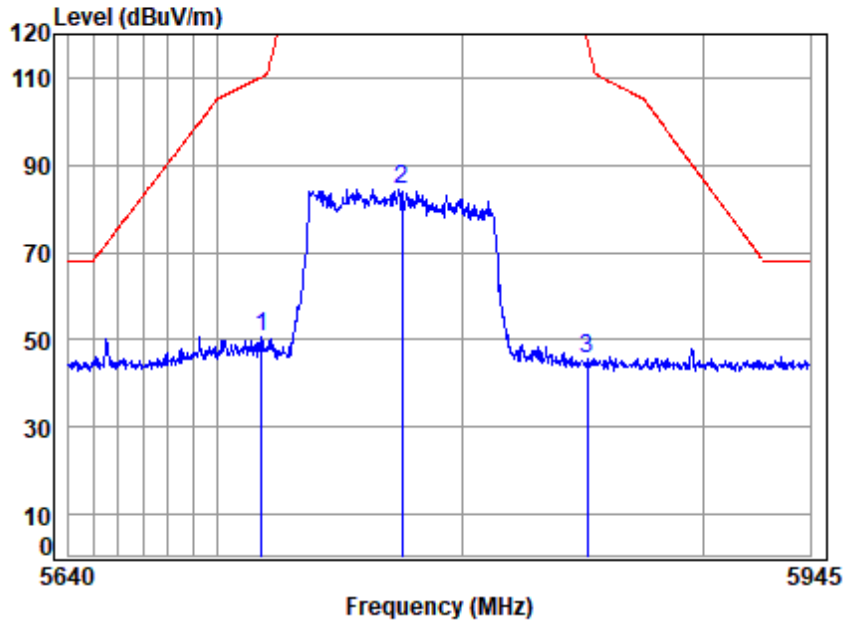
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Test Mode: 07; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT/00475AT
 Mode : 5775 Band edge
 Note : 5G WIFI 11AC80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|----------|------------|------------|---------------|------------|-------------|------------|-------------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 5717.761 | 7.99 | 32.51 | 32.21 | 42.34 | 50.63 | 110.17 | -59.54 peak |
| 2 | 5775.000 | 7.92 | 32.49 | 32.19 | 76.30 | 84.52 | ----- | ----- peak |
| 3 | 5851.500 | 7.82 | 32.46 | 32.16 | 37.43 | 45.55 | 118.78 | -73.23 peak |



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7.9 Frequency Stability

Test Requirement 47 CFR Part 15, Subpart E 15.407 (g)

Test Method: ANSI C63.10 (2013) Section 6.8

7.9.1 E.U.T. Operation

Operating Environment:

Temperature: 23.7 °C Humidity: 45.5 % RH Atmospheric Pressure: 1020 mbar

7.9.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|-----------------------|-----------|---|
| Final test | 04 | TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report. |
| Final test | 05 | TX mode (U-NII-2A)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report. |
| Final test | 06 | TX mode (U-NII-2C)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80); final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report. |
| Final test | 07 | TX mode (U-NII-3)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80); final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report. |

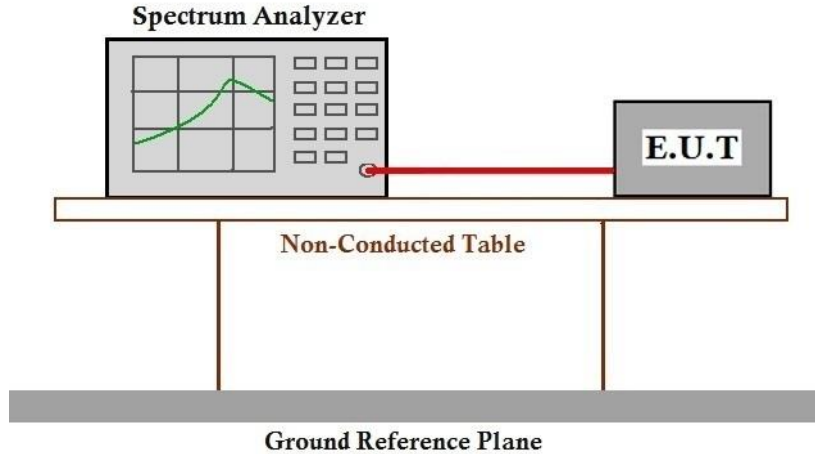


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| | | |
|--|--|-------------------------|
| | | recorded in the report. |
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7.9.3 Test Setup Diagram



7.9.4 Measurement Procedure and Data

Please Refer to Appendix for Details



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7.10 Channel Move Time

Test Requirement KDB 905462 D02 Section 5.1
 Test Method: KDB 905462 D02 Section 7.8.3

Limit:

| Test item | Limit | Applicability | |
|-----------------------------------|---|--|--------------------------------|
| | | Master Device or client with Radar Detection | Client without Radar Detection |
| Non-occupancy period | Minimum 30 minutes | Yes | Not required |
| Channel Availability Check Time | 60 seconds | Yes | Not required |
| Channel Move Time | 10 seconds See Note 1. | Yes | Yes |
| Channel Closing Transmission Time | 200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2. | Yes | Yes |
| U-NII Detection Bandwidth | Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3. | Yes | Not required |

Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

7.10.1 E.U.T. Operation

Operating Environment:

Temperature: 23.7 °C Humidity: 45.5 % RH Atmospheric Pressure: 1020 mbar



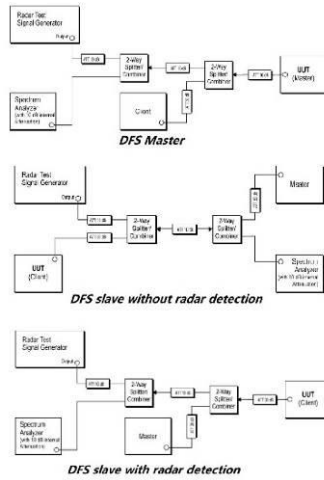
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7.10.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|-----------------------|-----------|--|
| Final test | 08 | Normal operating_Keep the EUT communication with the companion device. |

7.10.3 Test Setup Diagram



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7.10.4 Measurement Procedure and Data

- 1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
- 2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.
- 3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
- 4) EUT will associate with the master at channel. The file "iperf.exe" specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.
- 5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.
- 6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.
- 7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: $Dwell (0.3ms) = S (12000ms) / B (4000)$; where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: $C (ms) = N \times Dwell (0.3ms)$; where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.
- 8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

Please Refer to Appendix for Details



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7.11 Channel Closing Transmission Time

Test Requirement KDB 905462 D02 Section 5.1
 Test Method: KDB 905462 D02 Section 7.8.3

Limit:

| Test item | Limit | Applicability | |
|-----------------------------------|---|--|--------------------------------|
| | | Master Device or client with Radar Detection | Client without Radar Detection |
| Non-occupancy period | Minimum 30 minutes | Yes | Not required |
| Channel Availability Check Time | 60 seconds | Yes | Not required |
| Channel Move Time | 10 seconds See Note 1. | Yes | Yes |
| Channel Closing Transmission Time | 200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2. | Yes | Yes |
| U-NII Detection Bandwidth | Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3. | Yes | Not required |

Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

7.11.1 E.U.T. Operation

Operating Environment:

Temperature: 23.7 °C Humidity: 45.5 % RH Atmospheric Pressure: 1020 mbar



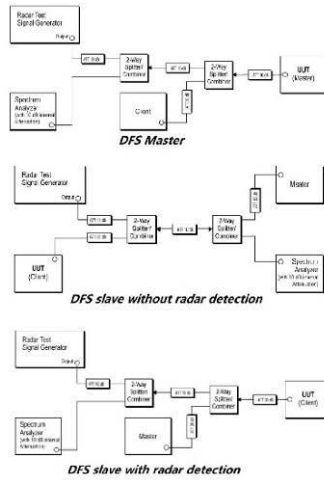
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7.11.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|-----------------------|-----------|--|
| Final test | 08 | Normal operating_Keep the EUT communication with the companion device. |

7.11.3 Test Setup Diagram



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7.11.4 Measurement Procedure and Data

- 1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
- 2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.
- 3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
- 4) EUT will associate with the master at channel. The file "iperf.exe" specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.
- 5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.
- 6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.
- 7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: $Dwell (0.3ms) = S (12000ms) / B (4000)$; where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: $C (ms) = N \times Dwell (0.3ms)$; where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.
- 8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

Please Refer to Appendix for Details



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SZCCS-TRF-01 Rev. A/0 Aug01,2022

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7.12 Radiated Emissions (Below 1GHz)

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)

Test Method: KDB 789033 D02 II G

Measurement Distance: 3m

Limit:

| Frequency(MHz) | Field strength(microvolts/meter) | Measurement distance(meters) |
|----------------|----------------------------------|------------------------------|
| 0.009-0.490 | 2400/F(kHz) | 300 |
| 0.490-1.705 | 24000/F(kHz) | 30 |
| 1.705-30.0 | 30 | 30 |
| 30-88 | 100 | 3 |
| 88-216 | 150 | 3 |
| 216-960 | 200 | 3 |
| 960-1000 | 500 | 3 |

7.12.1 E.U.T. Operation

Operating Environment:

Temperature: 23.2 °C Humidity: 52.6 % RH Atmospheric Pressure: 1020 mbar

7.12.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|-----------------------|-----------|---|
| Final test | 04 | TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report. |
| Pre-scan | 05 | TX mode (U-NII-2A)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80), final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report. |

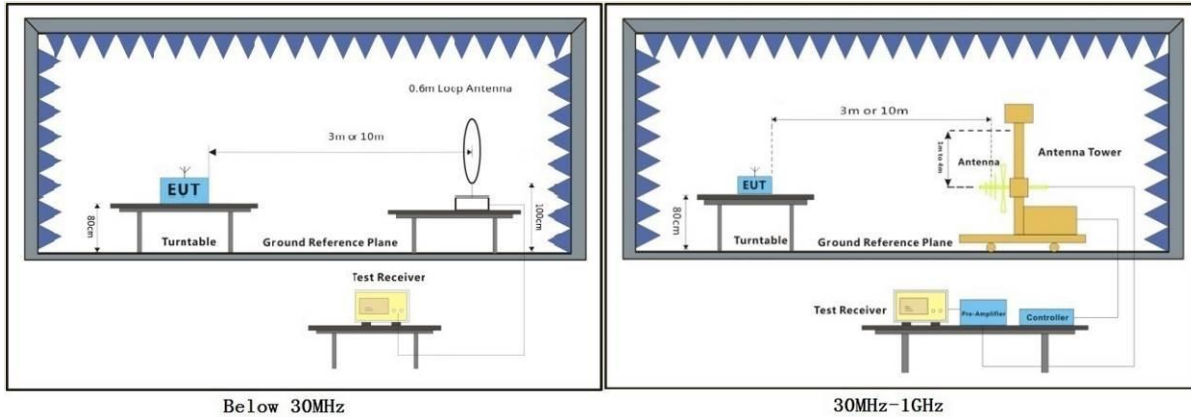


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| | | |
|----------|----|---|
| Pre-scan | 06 | TX mode (U-NII-2C)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80); final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report. |
| Pre-scan | 07 | TX mode (U-NII-3)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80); final test modes are considering the modulation and worse data rates. Only the data of worst case is recorded in the report. |

7.12.3 Test Setup Diagram



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7.12.4 Measurement Procedure and Data

- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using quasi-peak method as specified and then reported in a data sheet.
- g. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- i. Repeat above procedures until all frequencies measured was complete.

Remark:

- 1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
- 2. For emission below 1GHz, through the pre-scan found the worst case is the lowest channel of 802.11a. Only the worst case is recorded in the report.
- 3. Scan from 9kHz to 30MHz, the disturbance below 30MHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.
- 4. The disturbance below 1GHz was very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.



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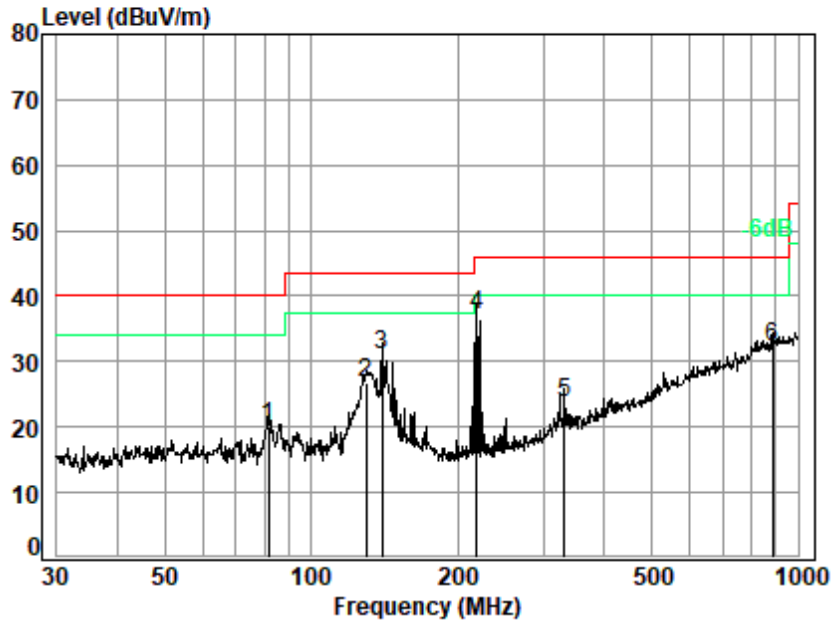
SZCCS-TRF-01 Rev. A/0 Aug01,2022

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17.3 inch

Test Mode: 04; Polarity: Horizontal



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT
 Mode : 04

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|---------|------------|------------|---------------|------------|-------------|------------|-----------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 81.783 | 0.51 | 14.26 | 25.78 | 31.06 | 20.05 | 40.00 | -19.95 QP |
| 2 | 129.923 | 0.97 | 16.61 | 25.55 | 34.60 | 26.63 | 43.50 | -16.87 QP |
| 3 | 139.851 | 0.97 | 17.43 | 25.54 | 38.04 | 30.90 | 43.50 | -12.60 QP |
| 4 | 218.309 | 0.75 | 15.79 | 25.46 | 45.89 | 36.97 | 46.00 | -9.03 QP |
| 5 | 331.355 | 1.34 | 19.54 | 25.42 | 28.42 | 23.88 | 46.00 | -22.12 QP |
| 6 | 887.610 | 2.51 | 27.99 | 24.11 | 25.93 | 32.32 | 46.00 | -13.68 QP |



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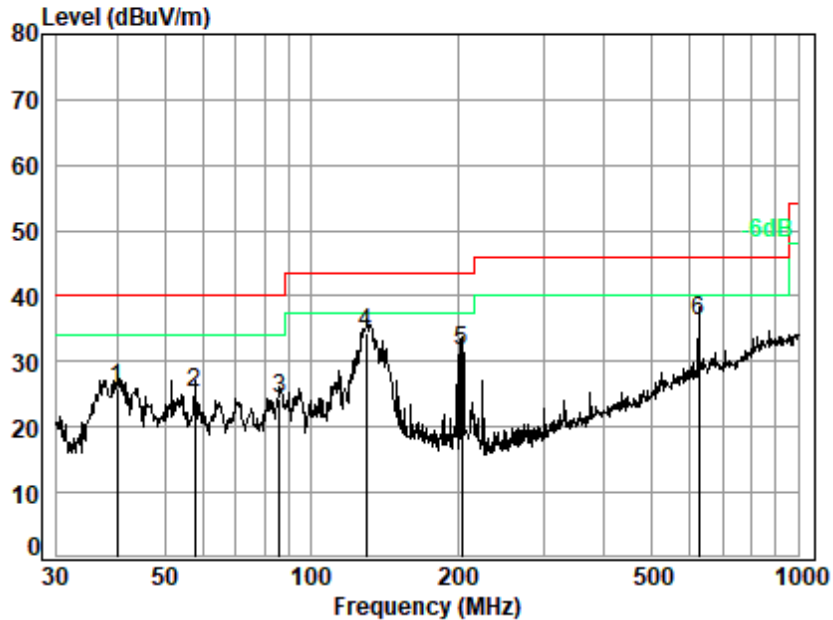
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-01 Rev. A/0 Aug01,2022

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Test Mode: 04; Polarity: Vertical



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT
 Mode : 04

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Limit Line | Over Limit | Remark |
|---|---------|------------|------------|---------------|------------|-------------|------------|------------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 39.994 | 0.20 | 16.73 | 26.01 | 34.94 | 25.86 | 40.00 | -14.14 | QP |
| 2 | 57.594 | 0.26 | 17.05 | 25.94 | 33.76 | 25.13 | 40.00 | -14.87 | QP |
| 3 | 85.898 | 0.60 | 13.76 | 25.74 | 35.62 | 24.24 | 40.00 | -15.76 | QP |
| 4 | 129.923 | 0.97 | 16.61 | 25.55 | 42.39 | 34.42 | 43.50 | -9.08 | QP |
| 5 | 204.238 | 0.71 | 15.28 | 25.47 | 41.19 | 31.71 | 43.50 | -11.79 | QP |
| 6 | 625.078 | 2.18 | 24.78 | 24.88 | 34.22 | 36.30 | 46.00 | -9.70 | QP |



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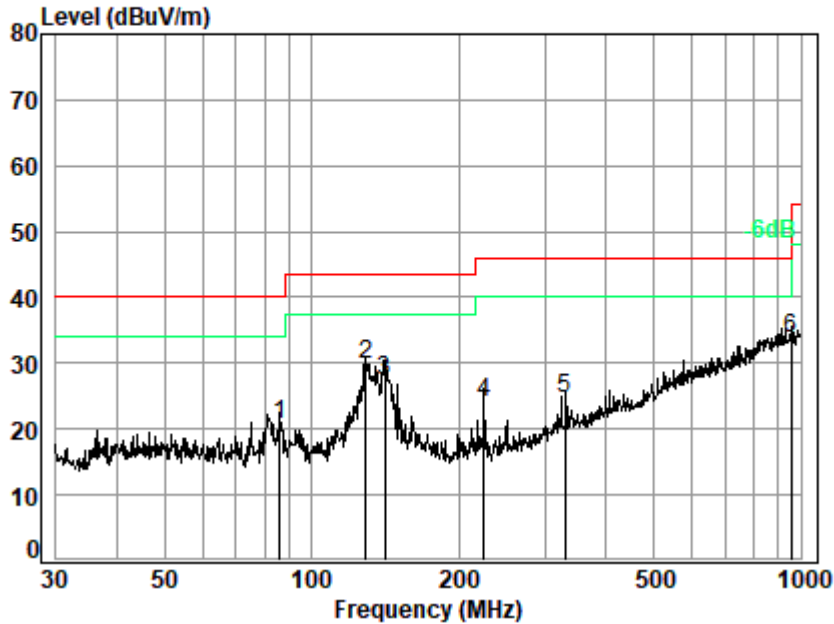
SZCCS-TRF-01 Rev. A/0 Aug01,2022

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15.6 inch

Test Mode: 04; Polarity: Horizontal



Site : chamber
 Condition: 3m HORIZONTAL
 Job No : 00474AT
 Mode :

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|---------|------------|------------|---------------|------------|-------------|------------|-----------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 85.898 | 0.60 | 13.76 | 25.74 | 31.92 | 20.54 | 40.00 | -19.46 QP |
| 2 | 129.015 | 0.98 | 16.53 | 25.55 | 37.86 | 29.82 | 43.50 | -13.68 QP |
| 3 | 141.330 | 0.96 | 17.44 | 25.54 | 34.61 | 27.47 | 43.50 | -16.03 QP |
| 4 | 225.308 | 0.78 | 15.95 | 25.45 | 32.87 | 24.15 | 46.00 | -21.85 QP |
| 5 | 330.195 | 1.33 | 19.51 | 25.42 | 29.27 | 24.69 | 46.00 | -21.31 QP |
| 6 | 955.438 | 2.26 | 29.30 | 24.04 | 26.20 | 33.72 | 46.00 | -12.28 QP |



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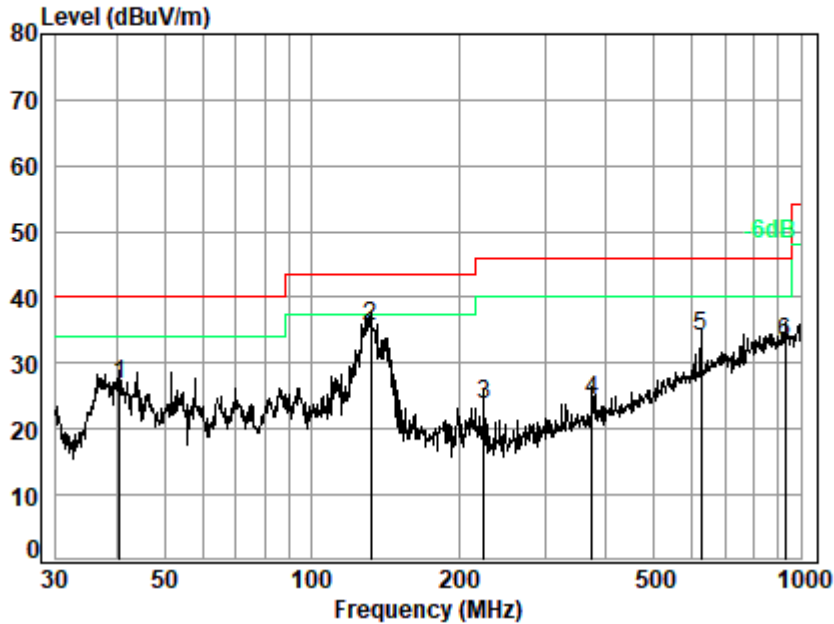
Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

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Test Mode: 04; Polarity: Vertical



Site : chamber
 Condition: 3m VERTICAL
 Job No : 00474AT
 Mode :

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Limit Level | Over Limit | Remark |
|---|---------|------------|------------|---------------|------------|-------------|------------|-----------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 40.417 | 0.20 | 16.82 | 26.01 | 35.75 | 26.76 | 40.00 | -13.24 QP |
| 2 | 132.221 | 0.97 | 16.81 | 25.55 | 43.34 | 35.57 | 43.50 | -7.93 QP |
| 3 | 225.308 | 0.78 | 15.95 | 25.45 | 32.48 | 23.76 | 46.00 | -22.24 QP |
| 4 | 374.623 | 1.60 | 20.04 | 25.44 | 28.28 | 24.48 | 46.00 | -21.52 QP |
| 5 | 625.078 | 2.18 | 24.78 | 24.88 | 31.96 | 34.04 | 46.00 | -11.96 QP |
| 6 | 929.008 | 2.25 | 29.06 | 24.07 | 25.99 | 33.23 | 46.00 | -12.77 QP |



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8 Test Setup Photo

Refer to Appendix - Test Setup Photo for FYCR2211000474AT

9 EUT Constructional Details (EUT Photos)

Refer to Appendix – External and Internal Photos for FYCR2211000474AT.



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