

SZEMC-TRF-01 Rev. A/1 Report No.: SZCR250500206204

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TEST REPORT

Application No.: SZCR2505002062TL
Applicant: KE2 Therm Solutions, Inc.

Address of Applicant: 12 Chamber Drive, Washington, MO, 63090, United States

Manufacturer: KE2 Therm Solutions, Inc.

Address of Manufacturer: 12 Chamber Drive, Washington, MO, 63090, United States

Equipment Under Test (EUT):

EUT Name: KE2 Edge Manager Plus 2

Model No.: KE2-EM Plus 2

Trade Mark: CONTROLS

KE2 Therm

FCC ID: 2AOPR-22243

Standard(s): 47 CFR Part 15, Subpart E 15.407

Date of Receipt: 2025-05-21

Date of Test: 2025-05-31 to 2025-06-13

Date of Issue: 2025-06-20

Test Result: Pass*

Keny Xu EMC Laboratory Manager

Ceny. Ku



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



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| | Revision Record | | | | | | |
|---------|-----------------|------------|----------|----------|--|--|--|
| Version | Chapter | Date | Modifier | Remark | | | |
| 01 | | 2025-06-20 | | Original | | | |
| | | | | | | | |
| | | | | | | | |

| Authorized for issue by: | | |
|--------------------------|-------------------------------|---|
| | Dorjar. I du ang | |
| | Donjon Huang/Project Engineer | · |
| | Exic Fu | |
| | Eric Fu/Reviewer | - |



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2 **Test Summary**

| Radio Spectrum Matter Part | | | | | | |
|---|-------------------------------------|---------------------------------------|--|--------|--|--|
| Item | Standard | Method | Requirement | Result | | |
| Radiated Emissions (Below 1GHz) | | ANSI C63.10 (2020) Section 6.4,6.5 | 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b) | Pass | | |
| Radiated Emissions (Above 1GHz) | 47 CFR Part 15, Subpart E 15.407 | ANSI C63.10 (2020) Section 6.6 | 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b) | Pass | | |
| Radiated Emissions which fall in the restricted bands | | ANSI C63.10 (2020) Section 6.10.5 | 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b) | Pass | | |

Remark:

Model No.: KE2-EM Plus 2

This test report (Ref. No.: SZCR250500206204) is based on original FCC ID: 2AOPR-22243 change application C2PC.

According to the applicant's statement, the samples in this report have been assessed to identify items that may affect the original test report results for comprehensive retesting.

Therefore in this report the section 2 test items were fully retested on model and shown the data in this report, other tests please refer to original report SZCR250400168304.



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General Information

Details of E.U.T. 4.1

| Power supply: | DC 12V From Adapter |
|---|--|
| | Adapter mode: ICP30A-120-2500 |
| Cable(s): | Network cable: 0.8m |
| Operation Frequency/Number of channels (20MHz): | 5180-5240MHz (4 Channels); U-NII-2A: 5260-5320MHz (4 Channels); U-NII-2C: 5500-5700MHz (11 Channels); U-NII-3: 5745-5825MHz (5 Channels) |
| Operation Frequency/Number of channels/(40MHz): | 5190-5230MHz (2 Channels); U-NII-2A: 5270-5310MHz (2 Channels); U-NII-2C: 5510-5670MHz (5 Channels); U-NII-3: 5755-5795MHz (2 Channels) |
| Operation Frequency/Number of channels (80MHz): | 5210MHz (1 Channel); U-NII-2A: 5290MHz (1 Channels); U-NII-2C: 5530-5610MHz (2 Channels); U-NII-3: 5775MHz (1 Channel) |
| Modulation Type: | OFDM (64QAM, 16QAM, QPSK, BPSK); |
| | 802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM); |
| | 802.11ac: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM); |
| | 802.11ax: OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024-QAM) |
| Channel Spacing: | 802.11a/n/ac/ax 20: 20MHz; |
| | 802.11n/ac/ax 40: 40MHz; |
| | 802.11ac/ax 80: 80MHz; |
| | 802.11ac/ax 160: 160MHz |
| DFS Function: | Master |
| TPC Function: | Support TPC function |
| Antenna Type: | For ANT1&ANT2: Dipole Antenna; For ANT3: FPC Antenna |
| Antenna Gain: | ANT1&ANT2: 2.5dBi ANT3:3.65dBi; Directional Gain: 7.67dBi. |
| Antenna Number: | 3 |
| | |

Remark: The information in this section is provided by the applicant or manufacturer, SGS is not liable to the accuracy, suitability, reliability or/and integrity of the information.

4.2 Description of Support Units

| Description | Manufacturer | Model No. | Serial No. | | | |
|---|--------------|-----------|------------|--|--|--|
| | | | - | | | |
| The EUT has been tested as an independent unit. | | | | | | |



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4.3 Measurement Uncertainty

| Test Item | Measurement Uncertainty |
|---|---|
| Radiated Emissions (Below 1GHz) | \pm 6.0dB for 3m; \pm 5.0dB for 10m |
| Radiated Emissions (Above 1GHz) | ± 4.6dB (1-18GHz);± 4.8dB (18- 40GHz) |
| Radiated Emissions which fall in the restricted bands | ± 6.0dB (below 1GHz); ± 4.6dB (above 1GHz); |

Remark:

The Ulab (lab Uncertainty) is less than Ucispr/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:

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen Branch

No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China. 518057.

Tel: +86 755 2601 2053 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. 3816.01)

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 3816.01.

VCCI (Member No. 1937)

The 3m Fully-anechoic chamber for above 1GHz. 10m Semi-anechoic chamber for below 1GHz. Shielded Room for Mains Port Conducted Interference Measurement and Telecommunication Port Conducted Interference Measurement of SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen EMC laboratory have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: G-20026, R-14188, C-12383 and T-11153 respectively.

• FCC -Designation Number: CN1336

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized as an accredited testing laboratory.

Designation Number: CN1336. Test Firm Registration Number: 787754.

Innovation, Science and Economic Development Canada

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized by ISED as an accredited testing laboratory.

CAB identifier: CN0006.

IC#: 4620C.

4.6 Deviation from Standards

None

4.7 Abnormalities from Standard Conditions

None



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5 **Equipment List**

| Radiated Emissions (Below 1GHz) | | | | | |
|---------------------------------|----------------------|---------------------|---------------|------------|--------------|
| Equipment | Manufacturer | Model No. | Inventory No. | Cal Date | Cal Due Date |
| Loop Antenna | ETS-Lindgren | 6502 | SEM003-08 | 2023-11-20 | 2025-11-19 |
| 3m Semi-Anechoic Chamber | ETS-LINDGREN | N/A | SEM001-01 | 2023-06-19 | 2026-06-18 |
| MXE EMI Receiver | Agilent Technologies | N9038A | SEM004-15 | 2024-08-14 | 2025-08-13 |
| BiConiLog Antenna | ETS-LINDGREN | 3142C | SEM003-01 | 2023-09-16 | 2025-09-15 |
| Pre-Amplifier | Agilent Technologies | 8447D | SEM005-01 | 2025-03-04 | 2026-03-03 |
| Measurement Software | AUDIX | e3 V8.2014-6- 27 | N/A | N/A | N/A |
| Coaxial Cable | SGS | N/A | SEM025-01 | 2024-07-06 | 2025-07-05 |

| Radiated Emissions (Above 1GHz) | | | | | |
|---|-----------------|---------------------|------------------|------------|--------------|
| Equipment | Manufacturer | Model No. | Inventory No. | Cal Date | Cal Due Date |
| Signal & Spectrum Analyzer | Rohde & Schwarz | FSV | SZ-WRG-M- 048 | 2025-01-07 | 2026-01-06 |
| Low Noise Amplifier 1G- 18GHz | Tonscend | TAP01018050 | SZ-WRG-M- 051 | 2025-01-07 | 2026-01-06 |
| Low Noise Amplifier 18G-40GHz | Tonscend | TAP18040048 | SZ-WRG-M- 052 | 2025-01-08 | 2026-01-07 |
| Double Ridge Horn Antenna 1GHz-18GHz | SCHWARZBECK | BBHA 9120 D | SZ-WRG-M- 055 | 2023-12-21 | 2025-12-20 |
| SHF-EHF Horn 15GHz- 40GHz | SCHWARZBECK | BBHA 9170 | SZ-WRG-M- 056 | 2023-12-25 | 2025-12-24 |
| RSE Test Software | AUDIX | e3 V8.2014-6- 27 | N/A | N/A | N/A |
| Chamber | CRTSGSSAC966 | N/A | SZ-WRG-C- 063 | 2025-01-06 | 2028-01-05 |
| Humidity and Temperature Indicator | deli | 8838 | SEM002-46 | 2024-07-24 | 2025-07-23 |



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| Radiated Emissions which fall in the restricted bands | | | | | |
|---|-----------------|---------------------|------------------|------------|--------------|
| Equipment | Manufacturer | Model No. | Inventory No. | Cal Date | Cal Due Date |
| Signal & Spectrum Analyzer | Rohde & Schwarz | FSV | SZ-WRG-M- 048 | 2025-01-07 | 2026-01-06 |
| Low Noise Amplifier 30M-8GHz | Tonscend | TAP30M8G30 | SZ-WRG-M- 050 | 2025-01-07 | 2026-01-06 |
| Double Ridge Horn Antenna 1GHz-18GHz | SCHWARZBECK | BBHA 9120 D | SZ-WRG-M- 055 | 2023-12-21 | 2025-12-20 |
| SHF-EHF Horn 15GHz- 40GHz | SCHWARZBECK | BBHA 9170 | SZ-WRG-M- 056 | 2023-12-25 | 2025-12-24 |
| RSE Test Software | AUDIX | e3 V8.2014-6- 27 | N/A | N/A | N/A |
| Chamber | CRTSGSSAC966 | N/A | SZ-WRG-C- 063 | 2025-01-06 | 2028-01-05 |
| Humidity and Temperature Indicator | deli | 8838 | SEM002-46 | 2024-07-24 | 2025-07-23 |

| General used equipmen | t | | | | |
|---------------------------------|---|-----------|---------------|------------|--------------|
| Equipment | Manufacturer | Model No. | Inventory No. | Cal Date | Cal Due Date |
| Humidity/ Temperature Indicator | deli | 8838 | SEM002-32 | 2024-07-24 | 2025-07-23 |
| Humidity/ Temperature Indicator | deli | 8838 | SEM002-33 | 2024-07-24 | 2025-07-23 |
| Barometer | Changchun Meteorological Industry Factory | DYM3 | SEM002-01 | 2025-03-03 | 2026-03-02 |



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Radio Spectrum Matter Test Results 6

6.1 Radiated Emissions (Below 1GHz)

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)

ANSI C63.10 (2020) Section 6.4,6.5 Test Method:

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 |

6.1.1 E.U.T. Operation

Operating Environment:

Temperature: 23.4 °C Humidity: 42.5 % RH Atmospheric Pressure: 1020 mbar

6.1.2 Test Mode Description

| onia rod mode becompact | | | | | | | |
|--------------------------|--------------|--|--|--|--|--|--|
| Pre-scan / Final test | Mode Code | Description | | | | | |
| Final test | 03 | Charge + TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. 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/ac/ax 20/40/80, Only the data of worst case is recorded in the report. | | | | | |
| Pre-scan | 04 | Charge + TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. 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/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report. | | | | | |
| Pre-scan | 05 | Charge + TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. 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/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report. | | | | | |



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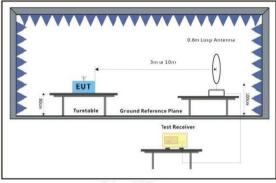
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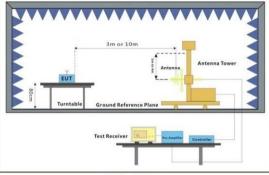
Pre-scan

06

Charge + TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. 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/ac/ax 20/40/80, Only the data of worst case is recorded in the report.

6.1.3 Test Setup Diagram





Below 30MHz

30MHz-1GHz



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6.1.4 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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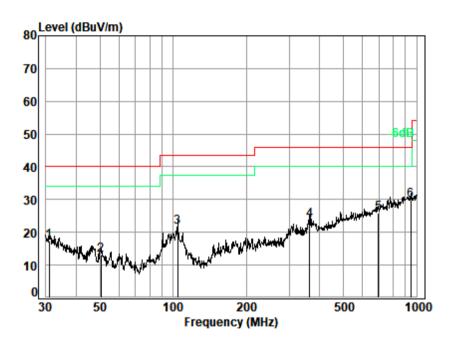


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Test Mode: 03; Polarity: Horizontal



Site : chamber

Condition: 3m HORIZONTAL Job No. : 02062TL/02063TL

Test Mode: 03

| | | Ant | Cable | Preamp | Read | | Limit | 0ver | |
|-----|---------|--------|-------|--------|-------|--------|--------|--------|--------|
| | Freq | Factor | Loss | Factor | Level | Level | Line | Limit | Remark |
| - | MHz | dB/m | dB | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 30.962 | 20.76 | 0.68 | 27.79 | 23.74 | 17.39 | 40.00 | -22.61 | QP |
| 2 | 50.586 | 12.67 | 0.87 | 27.73 | 27.37 | 13.18 | 40.00 | -26.82 | QP |
| 3 | 104.170 | 12.22 | 1.25 | 27.57 | 35.81 | 21.71 | 43.50 | -21.79 | QP |
| 4 | 364.260 | 20.29 | 2.46 | 27.01 | 27.92 | 23.66 | 46.00 | -22.34 | QP |
| 5 | 696.857 | 25.88 | 3.53 | 27.73 | 24.28 | 25.96 | 46.00 | -20.04 | QP |
| 6 a | 945.440 | 28.26 | 4.24 | 26.44 | 23.74 | 29.80 | 46.00 | -16.20 | OP . |



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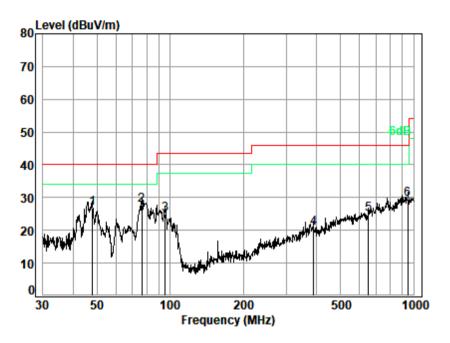


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Test Mode: 03; Polarity: Vertical



Site : chamber

Condition: 3m VERTICAL Job No. : 02062TL/02063TL

Test Mode: 03

| | | Ant | Cable | Preamp | Read | | Limit | 0ver | |
|-----|---------|--------|-------|--------|-------|--------|--------|--------|--------|
| | Freq | Factor | Loss | Factor | Level | Level | Line | Limit | Remark |
| - | MHz | dB/m | dB | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 47.994 | 13.30 | 0.85 | 27.74 | 40.46 | 26.87 | 40.00 | -13.13 | QP |
| 2 q | 76.512 | 10.39 | 1.07 | 27.66 | 43.88 | 27.68 | 40.00 | -12.32 | QP |
| 3 | 95.427 | 12.15 | 1.19 | 27.60 | 39.25 | 24.99 | 43.50 | -18.51 | QP |
| 4 | 387.992 | 20.82 | 2.54 | 27.11 | 24.50 | 20.75 | 46.00 | -25.25 | QP |
| 5 | 651.942 | 24.86 | 3.40 | 27.84 | 24.49 | 24.91 | 46.00 | -21.09 | QP |
| 6 | 948.761 | 28.23 | 4.25 | 26.42 | 23.47 | 29.53 | 46.00 | -16.47 | OP . |



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6.2 Radiated Emissions (Above 1GHz)

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)

Test Method: ANSI C63.10 (2020) Section 6.6

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.



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6.2.1 E.U.T. Operation

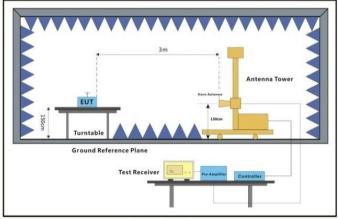
Operating Environment:

Temperature: 23.5 °C Humidity: 56.3 % RH Atmospheric Pressure: 1020 mbar

6.2.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|--------------------------|--------------|--|
| Final test | 03 | Charge + TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. 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/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Final test | 04 | Charge + TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. 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/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report. |
| Final test | 05 | Charge + TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. 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/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report. |
| Final test | 06 | Charge + TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. 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/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |

6.2.3 Test Setup Diagram



Above 1GHz



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6.2.4 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. 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.
- 3. 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.
- 4. 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.
- 5. 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.
- 6.The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for Peak detection (PK) and Average detection (AV) at frequency above 1GHz.
- 7. For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is ≥1/T (Duty cycle<98%) or 10Hz (Duty cycle≥98%) for Average detection (AV) at frequency above 1GHz.



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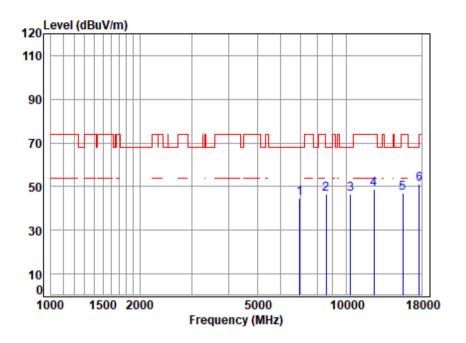


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Test Mode: 03; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5180 TX RSE

: 5G Wi-Fi 11a

| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
|---|------------|-------|--------|--------|-------|--------|--------|--------|--------|
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 6954.852 | 11.37 | 36.11 | 56.71 | 53.81 | 44.58 | 68.20 | -23.62 | Peak |
| 2 | 8539.102 | 12.17 | 38.30 | 55.41 | 51.32 | 46.38 | 68.20 | -21.82 | Peak |
| 3 | 10360.000 | 13.60 | 39.00 | 53.88 | 47.91 | 46.63 | 68.20 | -21.57 | peak |
| 4 | 12397.740 | 15.32 | 39.90 | 54.08 | 47.75 | 48.89 | 74.00 | -25.11 | Peak |
| 5 | 15540.000 | 17.00 | 38.56 | 54.14 | 45.64 | 47.06 | 74.00 | -26.94 | peak |
| 6 | p17690.530 | 19.16 | 41.66 | 54.44 | 44.76 | 51.14 | 68.20 | -17.06 | Peak |



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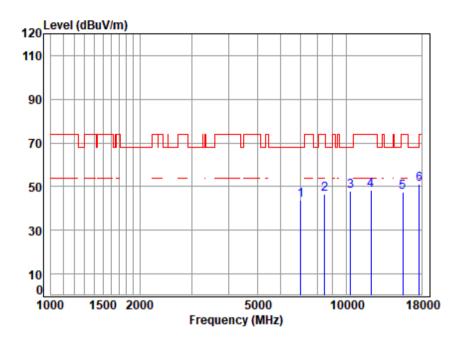


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Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL

Mode : 5180 TX RSE

: 5G Wi-Fi 11a

| | | *** | 110 | | | | | | |
|---|------------|-------|--------|--------|-------|--------|--------|--------|--------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 7015.420 | 11.47 | 36.23 | 56.69 | 52.92 | 43.93 | 68.20 | -24.27 | Peak |
| 2 | 8465.379 | 12.07 | 38.37 | 55.48 | 51.71 | 46.67 | 74.00 | -27.33 | Peak |
| 3 | 10360.000 | 13.60 | 39.00 | 53.88 | 49.33 | 48.05 | 68.20 | -20.15 | peak |
| 4 | 12149.420 | 14.62 | 39.80 | 53.90 | 47.62 | 48.14 | 74.00 | -25.86 | Peak |
| 5 | 15540.000 | 17.00 | 38.56 | 54.14 | 45.97 | 47.39 | 74.00 | -26.61 | peak |
| 6 | p17690.530 | 19.16 | 41.66 | 54.44 | 44.57 | 50.95 | 68.20 | -17.25 | Peak |



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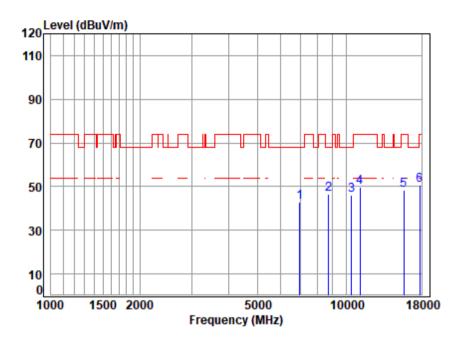


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Test Mode: 03; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5220 TX RSE

: 5G Wi-Fi 11a

| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
|---|------------|-------|--------|--------|-------|--------|--------|--------|--------|
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 6954.852 | 11.37 | 36.11 | 56.71 | 52.06 | 42.83 | 68.20 | -25.37 | peak |
| 2 | p 8713.630 | 12.11 | 38.57 | 55.26 | 51.32 | 46.74 | 68.20 | -21.46 | Peak |
| 3 | 10440.000 | 13.63 | 39.04 | 53.84 | 47.15 | 45.98 | 68.20 | -22.22 | peak |
| 4 | 11140.310 | 14.70 | 39.54 | 53.54 | 48.97 | 49.67 | 74.00 | -24.33 | peak |
| | 15660.000 | | | | | | | | - |
| 6 | 17741.740 | 18.87 | 42.09 | 54.45 | 44.28 | 50.79 | 74.00 | -23.21 | peak |



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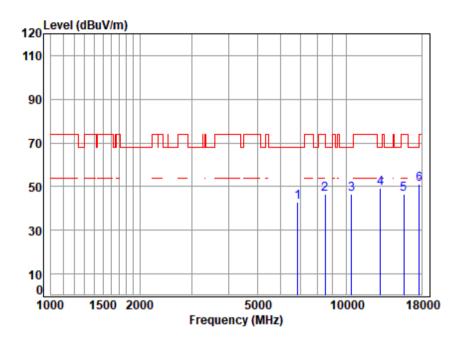


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 21 of 207

Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL

Mode : 5220 TX RSE

: 5G Wi-Fi 11a

| | | *** | | | | | | | |
|---|------------|-------|--------|--------|-------|--------|--------|--------|--------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 6855.063 | 11.37 | 36.02 | 56.73 | 52.15 | 42.81 | 68.20 | -25.39 | peak |
| 2 | 8489.882 | 12.24 | 38.32 | 55.46 | 51.48 | 46.58 | 74.00 | -27.42 | Peak |
| 3 | 10440.000 | 13.63 | 39.04 | 53.84 | 47.77 | 46.60 | 68.20 | -21.60 | peak |
| | 13059.820 | | | | | | | | - |
| 5 | 15660.000 | 17.23 | 38.56 | 54.10 | 44.93 | 46.62 | 74.00 | -27.38 | peak |
| | p17690.530 | | | | | | | | |



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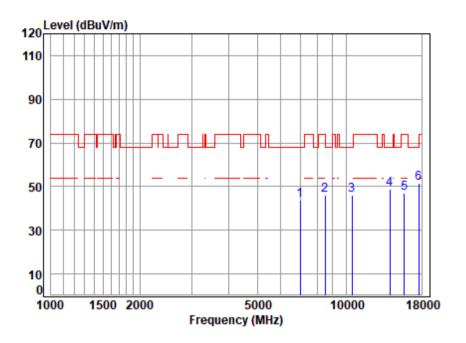


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 03; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5240 TX RSE

: 5G Wi-Fi 11a

| | . 50 | *** | | | | | | | |
|---|------------|-------|--------|--------|-------|--------|--------|--------|--------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 6995.172 | 11.37 | 36.19 | 56.70 | 52.88 | 43.74 | 68.20 | -24.46 | peak |
| 2 | 8489.882 | 12.24 | 38.32 | 55.46 | 51.03 | 46.13 | 74.00 | -27.87 | Peak |
| 3 | 10480.000 | 13.64 | 39.08 | 53.81 | 46.98 | 45.89 | 68.20 | -22.31 | peak |
| 4 | 14079.080 | 16.56 | 39.90 | 54.39 | 46.79 | 48.86 | 68.20 | -19.34 | Peak |
| 5 | 15720.000 | 17.22 | 38.58 | 54.08 | 45.19 | 46.91 | 74.00 | -27.09 | peak |
| | p17639.470 | | | | | | | | • |



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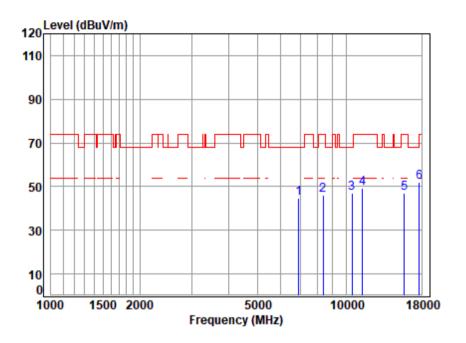


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL

Mode : 5240 TX RSE

: 5G Wi-Fi 11a

| | | *** | 114 | | | | | | |
|---|------------|-------|--------|--------|-------|--------|--------|--------|--------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 6914.763 | 11.37 | 36.17 | 56.72 | 53.75 | 44.57 | 68.20 | -23.63 | peak |
| 2 | 8343.918 | 11.70 | 38.60 | 55.59 | 51.60 | 46.31 | 74.00 | -27.69 | Peak |
| 3 | 10480.000 | 13.64 | 39.08 | 53.81 | 48.27 | 47.18 | 68.20 | -21.02 | peak |
| 4 | 11368.000 | 14.35 | 39.70 | 53.61 | 48.66 | 49.10 | 74.00 | -24.90 | peak |
| | 15720.000 | | | | | | | | - |
| 6 | p17690.530 | 19.16 | 41.66 | 54.44 | 45.82 | 52.20 | 68.20 | -16.00 | peak |



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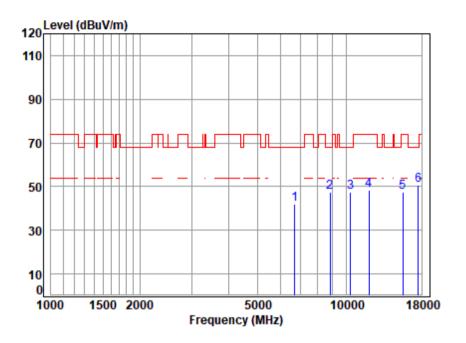


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5180 TX RSE

: 5G Wi-Fi 11ax20

| | | | | _ | | | | | |
|---|------------|-------|--------|--------|-------|--------|--------|--------|--------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 6698.373 | 11.41 | 35.40 | 56.76 | 52.01 | 42.06 | 68.20 | -26.14 | Peak |
| 2 | 8814.957 | 12.25 | 38.50 | 55.17 | 52.08 | 47.66 | 68.20 | -20.54 | Peak |
| 3 | 10360.000 | 13.60 | 39.00 | 53.88 | 48.76 | 47.48 | 68.20 | -20.72 | peak |
| 4 | 11940.540 | 14.77 | 39.74 | 53.78 | 47.83 | 48.56 | 74.00 | -25.44 | Peak |
| 5 | 15540.000 | 17.00 | 38.56 | 54.14 | 45.85 | 47.27 | 74.00 | -26.73 | peak |
| 6 | p17537.800 | 18.94 | 40.67 | 54.41 | 45.54 | 50.74 | 68.20 | -17.46 | Peak |



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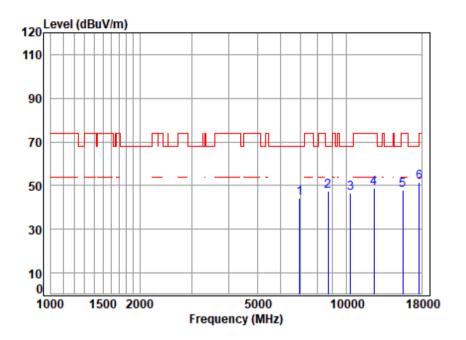


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL

Mode : 5180 TX RSE

: 5G Wi-Fi 11ax20

| | | | | _ | | | | | |
|---|------------|-------|--------|--------|-------|--------|--------|--------|--------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 6954.852 | 11.37 | 36.11 | 56.71 | 53.26 | 44.03 | 68.20 | -24.17 | Peak |
| 2 | 8688.480 | 12.08 | 38.55 | 55.28 | 52.00 | 47.35 | 68.20 | -20.85 | Peak |
| 3 | 10360.000 | 13.60 | 39.00 | 53.88 | 47.84 | 46.56 | 68.20 | -21.64 | peak |
| 4 | 12433.620 | 15.38 | 39.90 | 54.10 | 47.58 | 48.76 | 74.00 | -25.24 | Peak |
| 5 | 15540.000 | 17.00 | 38.56 | 54.14 | 46.41 | 47.83 | 74.00 | -26.17 | peak |
| 6 | p17690.530 | 19.16 | 41.66 | 54.44 | 45.31 | 51.69 | 68.20 | -16.51 | Peak |



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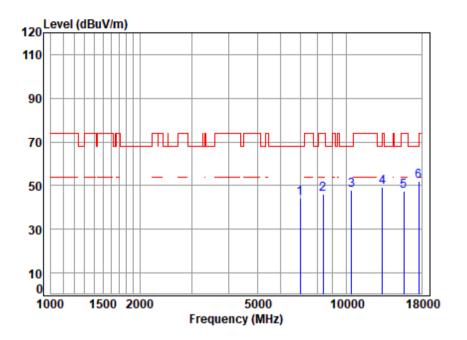


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL : 5220 TX RSE Mode

: 5G Wi-Fi 11ax20

Cable Ant Preamp Read Limit 0ver Freq Loss Factor Factor Limit Remark Level Level Line dBuV dBuV/m dBuV/m MHz dB dB/m 6995.172 11.37 53.54 44.40 68.20 -23.80 peak 1 36.19 56.70 8368.069 11.67 51.55 46.31 74.00 -27.69 Peak 38.66 55.57 3 10440.000 13.63 39.04 53.84 48.93 47.76 68.20 -20.44 peak 13288,280 16.44 40.29 54.47 46.89 49.15 74.00 -24.85 peak 17.23 38.56 54.10 45.90 47.59 74.00 -26.41 peak 15660.000 46.36 51.95 68.20 -16.25 peak 6 p17588.560 19.64 40.37 54.42



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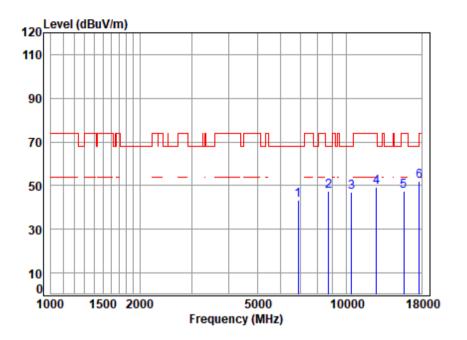


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL

Mode : 5220 TX RSE

· 5G Wi-Fi 11av20

| | : 50 | MI-FI | TTaxz | 0 | | | | | |
|---|------------|-------|--------|--------|-------|--------|--------|--------|--------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 6874.906 | 11.37 | 36.10 | 56.73 | 52.41 | 43.15 | 68.20 | -25.05 | peak |
| 2 | 8713.630 | 12.11 | 38.57 | 55.26 | 52.16 | 47.58 | 68.20 | -20.62 | Peak |
| 3 | 10440.000 | 13.63 | 39.04 | 53.84 | 47.97 | 46.80 | 68.20 | -21.40 | peak |
| 4 | 12651.130 | 15.23 | 40.15 | 54.26 | 48.08 | 49.20 | 74.00 | -24.80 | peak |
| 5 | 15660.000 | 17.23 | 38.56 | 54.10 | 45.79 | 47.48 | 74.00 | -26.52 | peak |
| 6 | n17690.530 | 19.16 | 41.66 | 54.44 | 45.70 | 52.08 | 68.20 | -16.12 | neak |



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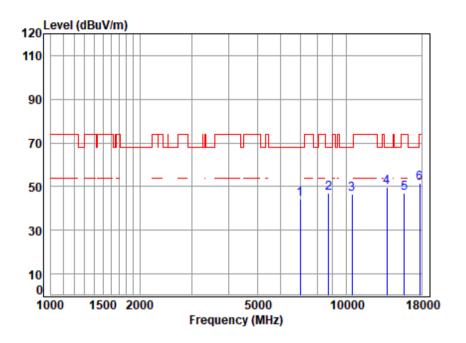


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Report No.: SZCR250500206204

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Test Mode: 03: Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL : 5240 TX RSE Mode

: 5G Wi-Fi 11ax20

Cable Ant Preamp Read Limit 0ver Freq Loss Factor Factor Limit Remark Level Level Line dBuV dBuV/m dBuV/m MHz dB dB/m 6995.172 11.37 53.55 44.41 68.20 -23.79 peak 1 36.19 56.70 8713.630 12.11 55.26 51.48 46.90 68.20 -21.30 Peak 38.57 10480.000 13.64 39.08 53.81 47.64 46.55 68.20 -21.65 peak 4 p13717.560 16.33 39.98 54.43 47.95 49.83 68.20 -18.37 peak 17.22 45.15 46.87 74.00 -27.13 peak 15720.000 38.58 54.08 17741.740 18.87 45.03 51.54 74.00 -22.46 peak 42.09 54.45



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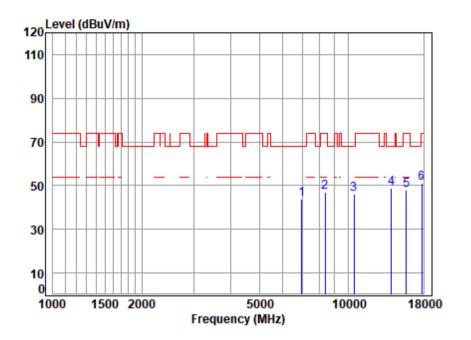


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL

Mode : 5240 TX RSE

· 5G Wi-Fi 11av20

| | : 56 | MI-FI | TTaxz | 0 | | | | | | |
|---|------------|-------|--------|--------|-------|--------|--------|--------|--------|--|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark | |
| | | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | | |
| | | | | | | | | | | |
| 1 | 6954.852 | 11.37 | 36.11 | 56.71 | 53.25 | 44.02 | 68.20 | -24.18 | peak | |
| 2 | 8368.069 | 11.67 | 38.66 | 55.57 | 52.25 | 47.01 | 74.00 | -26.99 | Peak | |
| 3 | 10480.000 | 13.64 | 39.08 | 53.81 | 47.18 | 46.09 | 68.20 | -22.11 | peak | |
| 4 | p13997.930 | 16.46 | 39.90 | 54.40 | 47.04 | 49.00 | 68.20 | -19.20 | peak | |
| 5 | 15720.000 | 17.22 | 38.58 | 54.08 | 46.32 | 48.04 | 74.00 | -25.96 | peak | |
| 6 | 17741.740 | 18.87 | 42.09 | 54.45 | 44.74 | 51.25 | 74.00 | -22.75 | neak | |



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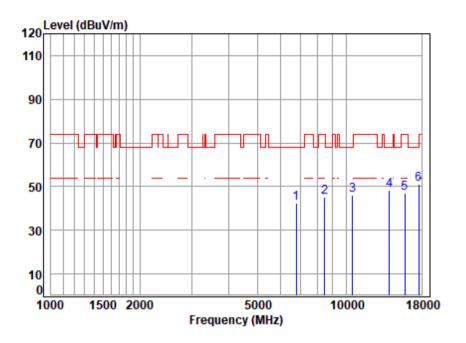


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 30 of 207

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



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5260 TX RSE

: 5G Wi-Fi 11a

| | | *** | 110 | | | | | | |
|---|------------|-------|--------|--------|-------|--------|--------|--------|--------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 6776.265 | 11.38 | 35.81 | 56.74 | 52.13 | 42.58 | 68.20 | -25.62 | peak |
| 2 | 8440.945 | 11.91 | 38.44 | 55.50 | 50.33 | 45.18 | 74.00 | -28.82 | Peak |
| 3 | 10520.000 | 13.63 | 39.14 | 53.79 | 47.17 | 46.15 | 68.20 | -22.05 | peak |
| 4 | 13997.930 | 16.46 | 39.90 | 54.40 | 46.62 | 48.58 | 68.20 | -19.62 | peak |
| 5 | 15780.000 | 17.08 | 38.52 | 54.07 | 45.59 | 47.12 | 74.00 | -26.88 | peak |
| | p17639.470 | | | | | | | | |



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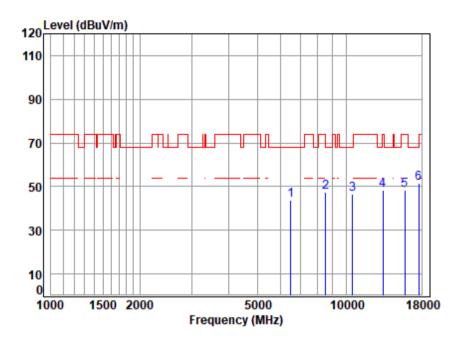


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 31 of 207

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



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL

Mode : 5260 TX RSE

: 5G Wi-Fi 11a

| | | *** | | | | | | | |
|---|------------|-------|--------|--------|-------|--------|--------|--------|--------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 6488.754 | 11.86 | 34.88 | 56.80 | 53.85 | 43.79 | 68.20 | -24.41 | peak |
| 2 | 8514.456 | 12.26 | 38.30 | 55.44 | 52.23 | 47.35 | 68.20 | -20.85 | Peak |
| 3 | 10520.000 | 13.63 | 39.14 | 53.79 | 47.64 | 46.62 | 68.20 | -21.58 | peak |
| 4 | 13326.750 | 16.37 | 40.30 | 54.47 | 46.28 | 48.48 | 74.00 | -25.52 | Peak |
| 5 | 15780.000 | 17.08 | 38.52 | 54.07 | 46.94 | 48.47 | 74.00 | -25.53 | peak |
| | p17639.470 | | | | | | | | • |



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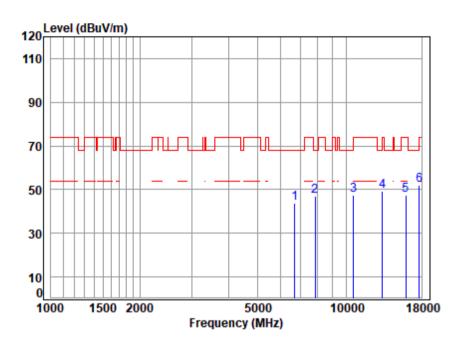


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 32 of 207

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



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5300 TX RSE

: 5G Wi-Fi 11a

| | . 50 | *** 1 T | 110 | | | | | | |
|---|------------|---------|--------|--------|-------|--------|--------|--------|--------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 6698.373 | 11.41 | 35.40 | 56.76 | 53.75 | 43.80 | 68.20 | -24.40 | peak |
| 2 | 7852.524 | 11.43 | 37.41 | 56.02 | 53.96 | 46.78 | 68.20 | -21.42 | Peak |
| 3 | 10600.000 | 13.59 | 39.30 | 53.74 | 48.08 | 47.23 | 68.20 | -20.97 | peak |
| 4 | 13288.280 | 16.44 | 40.29 | 54.47 | 47.01 | 49.27 | 74.00 | -24.73 | peak |
| | 15900.000 | | | | | | | | |
| | p17690.530 | | | | | | | | • |



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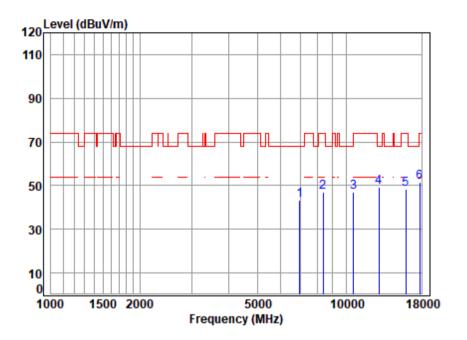


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 33 of 207

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



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL

Mode : 5300 TX RSE

· 56 Wi-Fi 11a

| | : 56 | MT-LT | 119 | | | | | | |
|---|------------|-------|--------|--------|-------|--------|--------|--------|--------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 6954.852 | 11.37 | 36.11 | 56.71 | 52.49 | 43.26 | 68.20 | -24.94 | peak |
| 2 | 8343.918 | 11.70 | 38.60 | 55.59 | 52.35 | 47.06 | 74.00 | -26.94 | Peak |
| 3 | 10600.000 | 13.59 | 39.30 | 53.74 | 47.99 | 47.14 | 68.20 | -21.06 | peak |
| 4 | p12909.700 | 15.81 | 40.39 | 54.44 | 47.32 | 49.08 | 68.20 | -19.12 | Peak |
| 5 | 15900.000 | 17.28 | 38.70 | 54.03 | 46.39 | 48.34 | 74.00 | -25.66 | peak |
| 6 | 17741 749 | 18.87 | 42 09 | 54 45 | 44 91 | 51.42 | 74 00 | -22.58 | neak |



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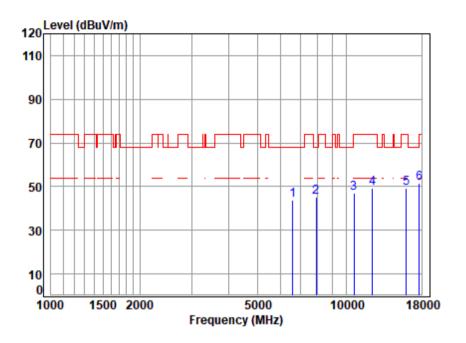


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5320 TX RSE

: 5G Wi-Fi 11a

| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
|---|------------|-------|--------|--------|-------|--------|--------|--------|--------|
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 6602.265 | 11.60 | 35.21 | 56.78 | 53.72 | 43.75 | 68.20 | -24.45 | peak |
| 2 | 7920.911 | 11.54 | 37.64 | 55.96 | 51.97 | 45.19 | 68.20 | -23.01 | Peak |
| 3 | 10640.000 | 13.77 | 39.34 | 53.72 | 47.52 | 46.91 | 74.00 | -27.09 | peak |
| 4 | 12255.220 | 14.69 | 39.84 | 53.98 | 48.93 | 49.48 | 74.00 | -24.52 | peak |
| 5 | 15960.000 | 17.20 | 38.64 | 54.01 | 47.28 | 49.11 | 74.00 | -24.89 | peak |
| 6 | p17690.530 | 19.16 | 41.66 | 54.44 | 45.19 | 51.57 | 68.20 | -16.63 | peak |



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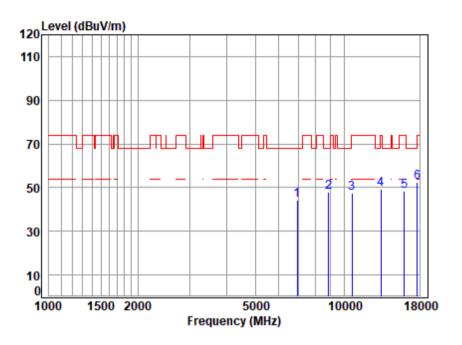


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 35 of 207

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



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL

Mode : 5320 TX RSE

· 56 Wi-Fi 11a

| | : 56 | MI-FI | IIa | | | | | | |
|---|------------|-------|--------|--------|-------|--------|--------|--------|--------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 6934.778 | 11.37 | 36.13 | 56.71 | 53.63 | 44.42 | 68.20 | -23.78 | peak |
| 2 | 8866.062 | 12.23 | 38.53 | 55.12 | 52.25 | 47.89 | 68.20 | -20.31 | Peak |
| 3 | 10640.000 | 13.77 | 39.34 | 53.72 | 48.28 | 47.67 | 74.00 | -26.33 | peak |
| 4 | 13326.750 | 16.37 | 40.30 | 54.47 | 46.90 | 49.10 | 74.00 | -24.90 | Peak |
| 5 | 15960.000 | 17.20 | 38.64 | 54.01 | 46.67 | 48.50 | 74.00 | -25.50 | peak |
| 6 | n17690.530 | 19.16 | 41.66 | 54.44 | 45.91 | 52.29 | 68.20 | -15.91 | neak |



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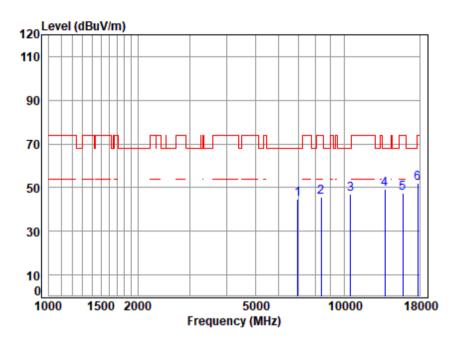


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 36 of 207

Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL : 5260 TX RSE Mode

: 5G Wi-Fi 11ax20

Cable Ant Preamp Read Limit 0ver Freq Loss Factor Factor Limit Remark Level Level Line dBuV dBuV/m dBuV/m MHz dB dB/m 6954.852 11.37 54.08 44.85 68.20 -23.35 peak 1 36.11 56.71 8368.069 11.67 55.57 50.82 45.58 74.00 -28.42 Peak 38.66 10520.000 13.63 39.14 53.79 48.12 47.10 68.20 -21.10 peak 4 p13717.560 16.33 39.98 54.43 47.37 49.25 68.20 -18.95 peak 17.08 46.04 47.57 74.00 -26.43 peak 15780.000 38.52 54.07 17741.740 45.53 52.04 74.00 -21.96 peak 18.87 42.09 54.45



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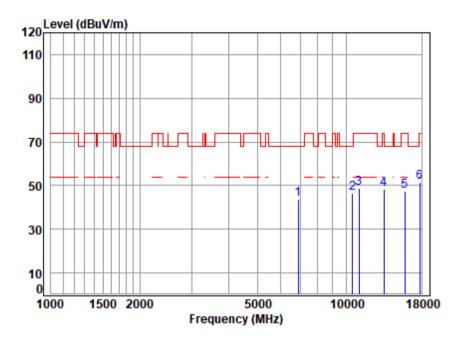


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 37 of 207

Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL

: 5260 TX RSE Mode

: 5G Wi-Fi 11ax20

| | | *** | TTUNZ | | | | | | |
|---|------------|-------|--------|--------|-------|--------|--------|--------|--------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 6874.906 | 11.37 | 36.10 | 56.73 | 53.05 | 43.79 | 68.20 | -24.41 | peak |
| 2 | 10520.000 | 13.63 | 39.14 | 53.79 | 47.37 | 46.35 | 68.20 | -21.85 | peak |
| 3 | 11044.130 | 14.39 | 39.44 | 53.51 | 48.65 | 48.97 | 74.00 | -25.03 | peak |
| 4 | p13404.010 | 15.91 | 40.29 | 54.46 | 46.56 | 48.30 | 68.20 | -19.90 | Peak |
| 5 | 15780.000 | 17.08 | 38.52 | 54.07 | 45.86 | 47.39 | 74.00 | -26.61 | peak |
| 6 | 17741.740 | 18.87 | 42.09 | 54.45 | 45.19 | 51.70 | 74.00 | -22.30 | peak |



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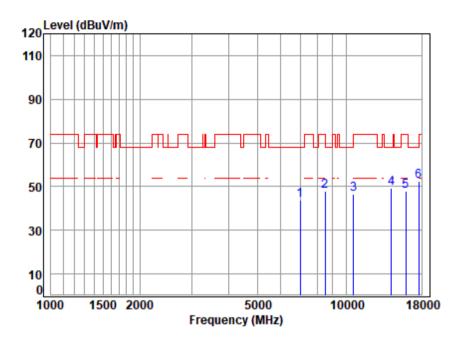


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 38 of 207

Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL : 5300 TX RSE Mode

: 5G Wi-Fi 11ax20

Cable Ant Preamp Read Limit 0ver Freq Loss Factor Factor Limit Remark Level Level Line MHz dB dB/m dBuV dBuV/m dBuV/m 6974.982 53.00 43.81 68.20 -24.39 peak 1 11.37 36.15 56.71 8489.882 12.24 38.32 55.46 52.85 47.95 74.00 -26.05 Peak 13.59 47.54 46.69 68.20 -21.51 peak 3 10600.000 39.30 53.74 14242.800 16.12 39.80 54.38 47.53 49.07 68.20 -19.13 Peak 17.28 45.82 47.77 74.00 -26.23 peak 15900.000 38.70 54.03 46.27 6 p17639.470 19.52 40.89 54.43 52.25 68.20 -15.95 peak



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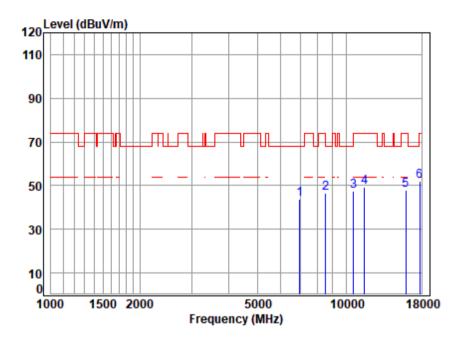


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL

Mode : 5300 TX RSE

· 56 Wi-Fi 11av20

18.87

42.09

54.45

| | . 50 | MT-LT | TTAXZ | 0 | | | | | |
|-----|-----------|-------|--------|--------|-------|--------|--------|--------|--------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 6954.852 | 11.37 | 36.11 | 56.71 | 53.25 | 44.02 | 68.20 | -24.18 | peak |
| 2 | 8514.456 | 12.26 | 38.30 | 55.44 | 51.46 | 46.58 | 68.20 | -21.62 | Peak |
| 3 p | 10600.000 | 13.59 | 39.30 | 53.74 | 48.48 | 47.63 | 68.20 | -20.57 | peak |
| 4 | 11533.480 | 14.92 | 39.60 | 53.66 | 48.20 | 49.06 | 74.00 | -24.94 | peak |
| 5 | 15900.000 | 17.28 | 38.70 | 54.03 | 45 96 | 47 91 | 74 00 | -26 09 | neak |

45.37



17741.740

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51.88

74.00 -22.12 peak

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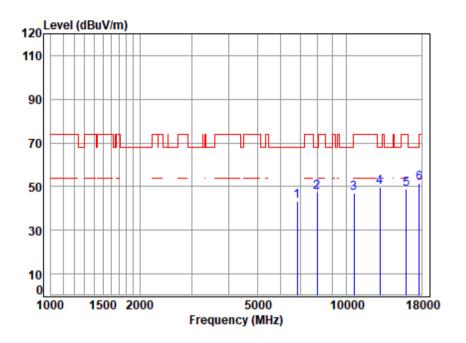


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 40 of 207

Test Mode: 04: Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL : 5320 TX RSE Mode

: 5G Wi-Fi 11ax20

Cable Ant Preamp Read Limit 0ver Freq Loss Factor Factor Limit Remark Level Level Line dBuV dBuV/m dBuV/m MHz dB dB/m 6815.551 11.37 35.93 56.74 52.67 43.23 68.20 -24.97 peak 1 7989.893 11.56 37.78 55.91 54.18 47.61 68.20 -20.59 Peak 10640.000 13.77 39.34 53.72 47.74 47.13 74.00 -26.87 peak 12984.540 15.88 40.32 54.49 48.09 49.80 68.20 -18.40 peak 17.20 38.64 54.01 46.90 48.73 74.00 -25.27 peak 15960.000 6 p17690.530 19.16 41.66 54.44 45.05 51.43 68.20 -16.77 peak



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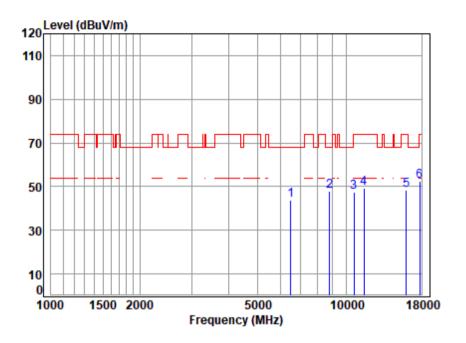


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 41 of 207

Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL

Mode : 5320 TX RSE

· 56 Wi-Fi 11av20

| | : 56 | MT-LT | TTaxz | 0 | | | | | |
|---|------------|-------|--------|--------|-------|----------|--------|--------|--------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | d Bu V/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 6488.754 | 11.86 | 34.88 | 56.80 | 53.76 | 43.70 | 68.20 | -24.50 | peak |
| 2 | p 8789.516 | 12.23 | 38.50 | 55.19 | 52.42 | 47.96 | 68.20 | -20.24 | Peak |
| 3 | 10640.000 | 13.77 | 39.34 | 53.72 | 48.18 | 47.57 | 74.00 | -26.43 | peak |
| 4 | 11500.200 | 15.05 | 39.60 | 53.65 | 48.40 | 49.40 | 74.00 | -24.60 | peak |
| 5 | 15960.000 | 17.20 | 38.64 | 54.01 | 46.68 | 48.51 | 74.00 | -25.49 | peak |
| 6 | 17741 749 | 18.87 | 42 09 | 54 45 | 45 88 | 52.39 | 74 00 | -21.61 | neak |



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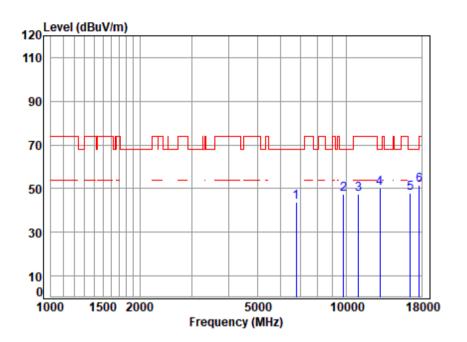


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 42 of 207

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



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5500 TX RSE

: 5G Wi-Fi 11a

| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
|---|------------|-------|--------|--------|-------|--------|--------|--------|--------|
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 6776.265 | 11.38 | 35.81 | 56.74 | 53.18 | 43.63 | 68.20 | -24.57 | peak |
| 2 | 9781.603 | 13.02 | 38.60 | 54.30 | 50.32 | 47.64 | 68.20 | -20.56 | Peak |
| 3 | 11000.000 | 14.17 | 39.40 | 53.50 | 47.51 | 47.58 | 74.00 | -26.42 | peak |
| 4 | 13022.130 | 15.82 | 40.30 | 54.50 | 48.38 | 50.00 | 68.20 | -18.20 | peak |
| 5 | 16500.000 | 17.74 | 38.90 | 54.15 | 45.64 | 48.13 | 68.20 | -20.07 | peak |
| 6 | p17690.530 | 19.16 | 41.66 | 54.44 | 45.34 | 51.72 | 68.20 | -16.48 | peak |



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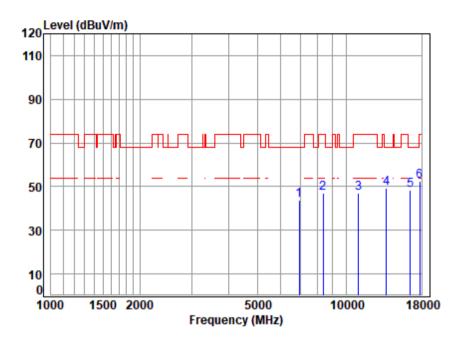


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 43 of 207

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



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL

Mode : 5500 TX RSE

· 56 Wi-Fi 11a

| | . 50 | MT-LT | IIa | | | | | | |
|---|------------|-------|--------|--------|-------|--------|--------|--------|--------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 6934.778 | 11.37 | 36.13 | 56.71 | 53.14 | 43.93 | 68.20 | -24.27 | peak |
| 2 | 8343.918 | 11.70 | 38.60 | 55.59 | 52.35 | 47.06 | 74.00 | -26.94 | Peak |
| 3 | 11000.000 | 14.17 | 39.40 | 53.50 | 47.09 | 47.16 | 74.00 | -26.84 | peak |
| 4 | p13677.970 | 16.27 | 40.00 | 54.43 | 47.43 | 49.27 | 68.20 | -18.93 | peak |
| 5 | 16500.000 | 17.74 | 38.90 | 54.15 | 45.99 | 48.48 | 68.20 | -19.72 | peak |
| 6 | 17741 740 | 18 87 | 42 09 | 54 45 | 45 75 | 52 26 | 74 99 | -21 74 | neak |



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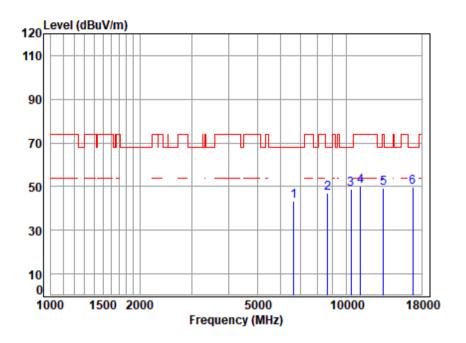


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5600 TX RSE

: 5G Wi-Fi 11a

| | | *** | | | | | | | |
|---|------------|-------|--------|--------|-------|--------|--------|--------|--------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 6640.542 | 11.52 | 35.44 | 56.77 | 53.16 | 43.35 | 68.20 | -24.85 | Peak |
| 2 | 8663.404 | 12.04 | 38.45 | 55.30 | 52.00 | 47.19 | 68.20 | -21.01 | peak |
| 3 | 10393.710 | 13.62 | 39.00 | 53.86 | 50.24 | 49.00 | 68.20 | -19.20 | Peak |
| 4 | 11200.000 | 14.76 | 39.60 | 53.56 | 49.24 | 50.04 | 74.00 | -23.96 | peak |
| 5 | 13365.320 | 16.13 | 40.30 | 54.46 | 47.46 | 49.43 | 74.00 | -24.57 | Peak |
| 6 | p16800.000 | 17.46 | 39.60 | 54.24 | 46.76 | 49.58 | 68.20 | -18.62 | peak |



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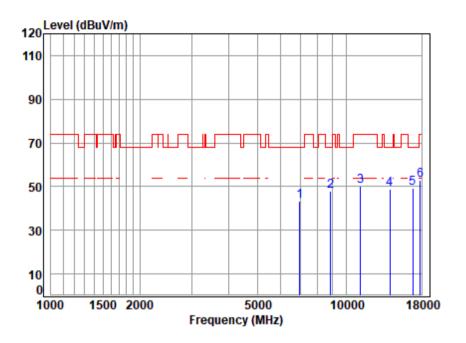


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 45 of 207

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



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL

Mode : 5600 TX RSE

: 5G Wi-Fi 11a

| | | *** . + | | | | | | | |
|---|------------|---------|--------|--------|-------|--------|--------|--------|--------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 6954.852 | 11.37 | 36.11 | 56.71 | 52.78 | 43.55 | 68.20 | -24.65 | Peak |
| 2 | 8866.062 | 12.23 | 38.53 | 55.12 | 52.05 | 47.69 | 68.20 | -20.51 | peak |
| 3 | 11200.000 | 14.76 | 39.60 | 53.56 | 49.45 | 50.25 | 74.00 | -23.75 | peak |
| 4 | 14038.450 | 16.51 | 39.90 | 54.40 | 47.03 | 49.04 | 68.20 | -19.16 | Peak |
| 5 | p16800.000 | 17.46 | 39.60 | 54.24 | 46.68 | 49.50 | 68.20 | -18.70 | peak |
| 6 | 17844.590 | 18.62 | 42.77 | 54.47 | 46.20 | 53.12 | 74.00 | -20.88 | Peak |



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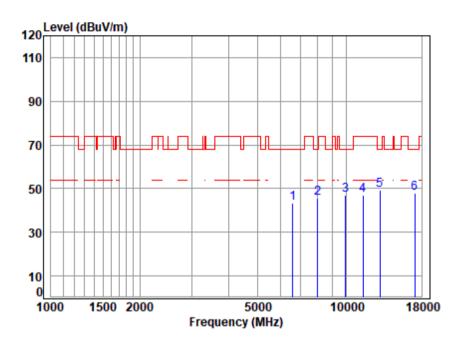


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 46 of 207

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



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5700 TX RSE

: 5G Wi-Fi 11a

| | . 50 | *** | | | | | | | |
|---|------------|-------|--------|--------|-------|--------|--------|--------|--------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 6602.265 | 11.60 | 35.21 | 56.78 | 53.33 | 43.36 | 68.20 | -24.84 | peak |
| 2 | 8013.020 | 11.55 | 37.80 | 55.89 | 52.14 | 45.60 | 68.20 | -22.60 | Peak |
| 3 | 9952.717 | 12.91 | 38.90 | 54.14 | 49.21 | 46.88 | 68.20 | -21.32 | Peak |
| 4 | 11400.000 | 14.21 | 39.70 | 53.62 | 46.92 | 47.21 | 74.00 | -26.79 | peak |
| 5 | p13022.130 | 15.82 | 40.30 | 54.50 | 47.58 | 49.20 | 68.20 | -19.00 | peak |
| 6 | 17100.000 | 18.47 | 39.80 | 54.32 | 44.18 | 48.13 | 68.20 | -20.07 | peak |



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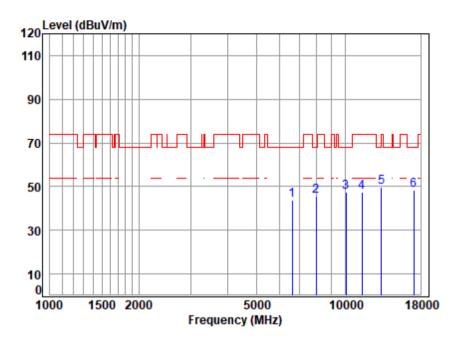


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 47 of 207

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



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL

Mode : 5700 TX RSE

: 5G Wi-Fi 11a

| | Freq | | | Preamp Factor | | | | | Remark |
|---|------------|-------|-------|------------------|-------|--------|--------|--------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 6621.375 | 11.56 | 35.33 | 56.78 | 53.69 | 43.80 | 68.20 | -24.40 | peak |
| 2 | 7989.893 | 11.56 | 37.78 | 55.91 | 52.10 | 45.53 | 68.20 | -22.67 | Peak |
| 3 | 10068.450 | 13.19 | 39.04 | 54.06 | 49.46 | 47.63 | 68.20 | -20.57 | Peak |
| 4 | 11400.000 | 14.21 | 39.70 | 53.62 | 47.11 | 47.40 | 74.00 | -26.60 | peak |
| 5 | p13249.930 | 16.10 | 40.25 | 54.48 | 47.98 | 49.85 | 68.20 | -18.35 | peak |
| 6 | 17100.000 | 18.47 | 39.80 | 54.32 | 44.42 | 48.37 | 68.20 | -19.83 | peak |



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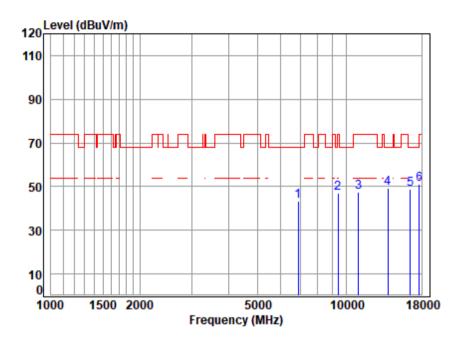


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 48 of 207

Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5500 TX RSE

: 5G Wi-Fi 11ax20

Cable Ant Preamp Read Limit 0ver Freq Loss Factor Factor Limit Remark Level Level Line dBuV dBuV/m dBuV/m MHz dB dB/m 6874.906 11.37 52.75 43.49 68.20 -24.71 peak 1 36.10 56.73 9393.689 12.29 38.80 54.65 50.59 47.03 74.00 -26.97 Peak 39.40 53.50 47.26 47.33 3 11000.000 14.17 74.00 -26.67 peak 13837.020 15.95 39.90 54.42 47.74 49.17 68.20 -19.03 Peak 17.74 38.90 54.15 46.39 48.88 68.20 -19.32 peak 16500.000 19.16 41.66 54.44 44.88 51.26 68.20 -16.94 peak 6 p17690.530



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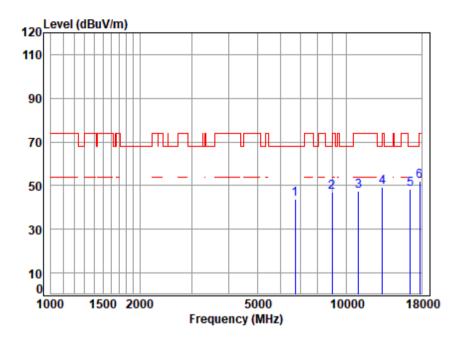


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 49 of 207

Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL

Mode : 5500 TX RSE

: 5G Wi-Fi 11ax20

| . 50 | AAT IT | TTGAZ | | | | | | |
|------------|--------|--------|--------|-------|--------|--------|--------|--------|
| | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | |
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | |
| 6717.762 | 11.40 | 35.51 | 56.76 | 53.52 | 43.67 | 68.20 | -24.53 | peak |
| 8943.274 | 12.19 | 38.51 | 55.05 | 51.16 | 46.81 | 68.20 | -21.39 | Peak |
| 11000.000 | 14.17 | 39.40 | 53.50 | 47.20 | 47.27 | 74.00 | -26.73 | peak |
| 13288.280 | 16.44 | 40.29 | 54.47 | 47.17 | 49.43 | 74.00 | -24.57 | peak |
| p16500.000 | 17.74 | 38.90 | 54.15 | 45.71 | 48.20 | 68.20 | -20.00 | peak |
| | | | | | | | | |

17741.740 18.87 42.09 54.45 45.29 51.80 74.00 -22.20 peak



1

2

3

4

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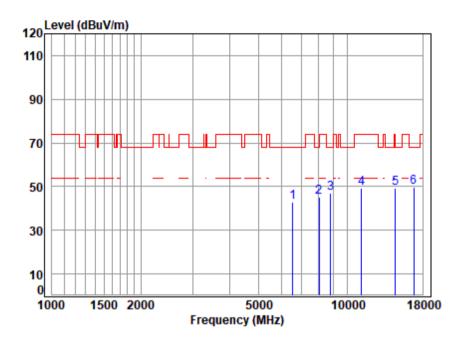


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 50 of 207

Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL : 5600 TX RSE Mode

: 5G Wi-Fi 11ax20

Cable Ant Preamp Read Limit 0ver Freq Loss Factor Factor Limit Remark Level Level Line dBuV dBuV/m dBuV/m MHz dB dB/m 6545.263 52.97 42.81 68.20 -25.39 Peak 1 11.64 34.99 56.79 8036.214 11.52 37.80 55.87 51.94 45.39 74.00 -28.61 Peak 2 8789.516 12.23 38.50 55.19 51.26 46.80 68.20 -21.40 peak 11200.000 14.76 39.60 53.56 48.33 49.13 74.00 -24.87 peak 14533.910 16.79 47.54 49.41 68.20 -18.79 Peak 39.43 54.35 39.60 54.24 46.88 49.70 68.20 -18.50 peak 6 p16800.000 17.46



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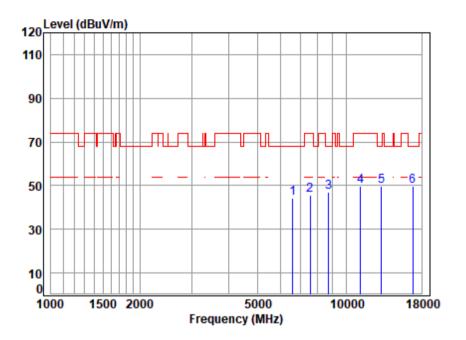


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 51 of 207

Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL

Mode : 5600 TX RSE

· 5G Wi-Fi 11av20

| | : 56 | W1-F1 | TTax2 | 0 | | | | | |
|---|------------|-------|--------|--------|-------|--------|--------|--------|--------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 6583.209 | 11.61 | 35.13 | 56.78 | 54.12 | 44.08 | 68.20 | -24.12 | Peak |
| 2 | 7541.114 | 11.17 | 36.80 | 56.27 | 53.82 | 45.52 | 74.00 | -28.48 | Peak |
| 3 | 8713.630 | 12.11 | 38.57 | 55.26 | 51.50 | 46.92 | 68.20 | -21.28 | peak |
| 4 | 11200.000 | 14.76 | 39.60 | 53.56 | 48.79 | 49.59 | 74.00 | -24.41 | peak |
| 5 | 13173.560 | 15.64 | 40.23 | 54.48 | 48.25 | 49.64 | 68.20 | -18.56 | Peak |
| 6 | p16800.000 | 17.46 | 39.60 | 54.24 | 47.12 | 49.94 | 68.20 | -18.26 | neak |



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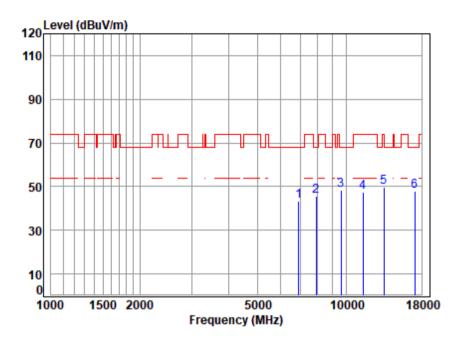


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 52 of 207

Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL : 5700 TX RSE Mode

: 5G Wi-Fi 11ax20

| | Freq | | | Preamp Factor | | | | | Remark |
|---|------------|-------|-------|------------------|-------|--------|--------|--------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 6914.763 | 11.37 | 36.17 | 56.72 | 52.53 | 43.35 | 68.20 | -24.85 | peak |
| | 7920.911 | | | | | | | | - |
| 3 | 9613.430 | 12.47 | 38.77 | 54.45 | 51.61 | 48.40 | 68.20 | -19.80 | Peak |
| 4 | 11400.000 | 14.21 | 39.70 | 53.62 | 47.03 | 47.32 | 74.00 | -26.68 | peak |
| 5 | p13404.010 | 15.91 | 40.29 | 54.46 | 47.78 | 49.52 | 68.20 | -18.68 | peak |
| 6 | 17100.000 | 18.47 | 39.80 | 54.32 | 43.93 | 47.88 | 68.20 | -20.32 | peak |



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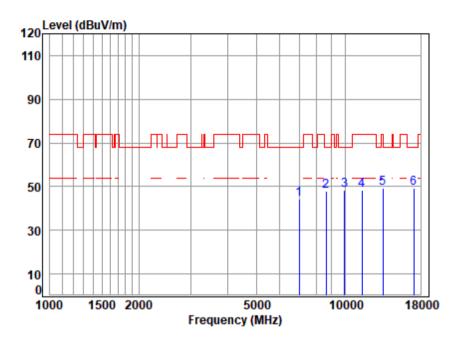


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 53 of 207

Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL

: 5700 TX RSE Mode

: 5G Wi-Fi 11ax20

| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
|---|------------|-------|--------|--------|-------|--------|--------|--------|--------|
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 6995.172 | 11.37 | 36.19 | 56.70 | 53.44 | 44.30 | 68.20 | -23.90 | peak |
| 2 | 8613.468 | 11.98 | 38.47 | 55.35 | 52.59 | 47.69 | 68.20 | -20.51 | Peak |
| 3 | 9952.717 | 12.91 | 38.90 | 54.14 | 50.87 | 48.54 | 68.20 | -19.66 | Peak |
| 4 | 11400.000 | 14.21 | 39.70 | 53.62 | 48.16 | 48.45 | 74.00 | -25.55 | peak |
| 5 | p13404.010 | 15.91 | 40.29 | 54.46 | 47.74 | 49.48 | 68.20 | -18.72 | peak |
| 6 | 17100.000 | 18.47 | 39.80 | 54.32 | 45.43 | 49.38 | 68.20 | -18.82 | peak |



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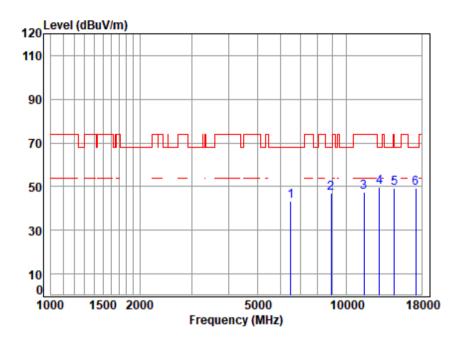


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 54 of 207

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



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5745 TX RSE

: 5G Wi-Fi 11a

| | Freq | | | Preamp Factor | | | | | Remark |
|---|------------|-------|-------|------------------|-------|--------|--------|--------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 6488.754 | 11.86 | 34.88 | 56.80 | 53.22 | 43.16 | 68.20 | -25.04 | Peak |
| 2 | 8891.725 | 12.22 | 38.58 | 55.10 | 51.43 | 47.13 | 68.20 | -21.07 | Peak |
| 3 | 11490.000 | 14.97 | 39.61 | 53.65 | 46.66 | 47.59 | 74.00 | -26.41 | peak |
| 4 | p12947.070 | 15.84 | 40.35 | 54.46 | 47.83 | 49.56 | 68.20 | -18.64 | Peak |
| 5 | 14533.910 | 16.79 | 39.43 | 54.35 | 47.55 | 49.42 | 68.20 | -18.78 | Peak |
| 6 | 17235.000 | 17.83 | 40.01 | 54.35 | 45.76 | 49.25 | 68.20 | -18.95 | peak |



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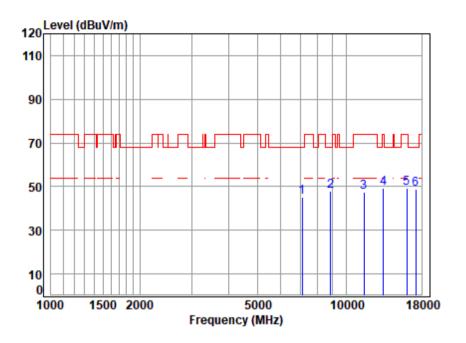


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 55 of 207

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



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL

Mode : 5745 TX RSE

: 5G Wi-Fi 11a

| | . 50 | *** | | | | | | | |
|---|------------|-------|--------|--------|-------|--------|--------|--------|--------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 7096.999 | 11.97 | 36.39 | 56.62 | 53.30 | 45.04 | 68.20 | -23.16 | Peak |
| 2 | 8866.062 | 12.23 | 38.53 | 55.12 | 52.16 | 47.80 | 68.20 | -20.40 | Peak |
| 3 | 11490.000 | 14.97 | 39.61 | 53.65 | 46.39 | 47.32 | 74.00 | -26.68 | peak |
| 4 | 13365.320 | 16.13 | 40.30 | 54.46 | 47.52 | 49.49 | 74.00 | -24.51 | Peak |
| 5 | 16034.730 | 17.12 | 38.57 | 54.01 | 47.45 | 49.13 | 74.00 | -24.87 | Peak |
| 6 | p17235.000 | 17.83 | 40.01 | 54.35 | 45.24 | 48.73 | 68.20 | -19.47 | peak |



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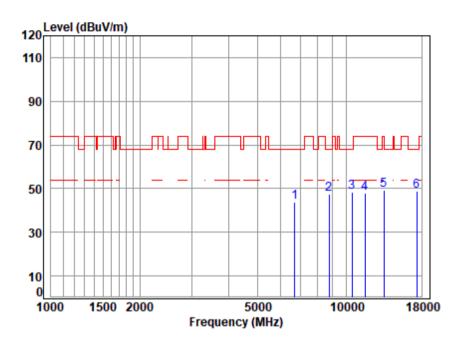


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5785 TX RSE

: 5G Wi-Fi 11a

| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
|---|------------|-------|--------|--------|-------|--------|--------|--------|--------|
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 6698.373 | 11.41 | 35.40 | 56.76 | 53.77 | 43.82 | 68.20 | -24.38 | Peak |
| 2 | 8738.852 | 12.15 | 38.52 | 55.24 | 51.82 | 47.25 | 68.20 | -20.95 | Peak |
| 3 | 10484.230 | 13.64 | 39.08 | 53.81 | 49.26 | 48.17 | 68.20 | -20.03 | Peak |
| 4 | 11570.000 | 14.78 | 39.60 | 53.67 | 47.10 | 47.81 | 74.00 | -26.19 | peak |
| 5 | p13442.810 | 15.87 | 40.21 | 54.46 | 47.82 | 49.44 | 68.20 | -18.76 | Peak |
| | 17355.000 | | | | | | | | |



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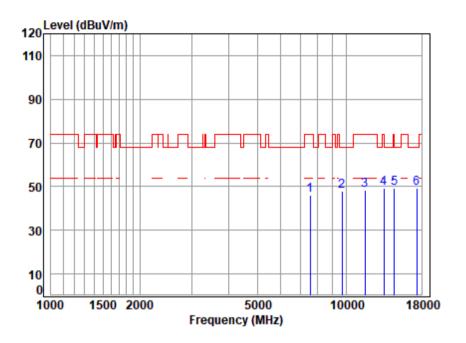


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 57 of 207

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



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL

Mode : 5785 TX RSE

: 5G Wi-Fi 11a

| . 50 111 11 110 | | | | | | | | | |
|-----------------|------------|-------|--------|--------|-------|--------|--------|--------|--------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 7541.114 | 11.17 | 36.80 | 56.27 | 54.58 | 46.28 | 74.00 | -27.72 | Peak |
| 2 | 9697.151 | 12.69 | 38.70 | 54.37 | 51.03 | 48.05 | 68.20 | -20.15 | Peak |
| 3 | 11570.000 | 14.78 | 39.60 | 53.67 | 47.80 | 48.51 | 74.00 | -25.49 | peak |
| 4 | p13442.810 | 15.87 | 40.21 | 54.46 | 47.82 | 49.44 | 68.20 | -18.76 | Peak |
| 5 | 14533.910 | 16.79 | 39.43 | 54.35 | 47.33 | 49.20 | 68.20 | -19.00 | Peak |
| 6 | 17355.000 | 18.00 | 40.31 | 54.37 | 45.49 | 49.43 | 68.20 | -18.77 | peak |



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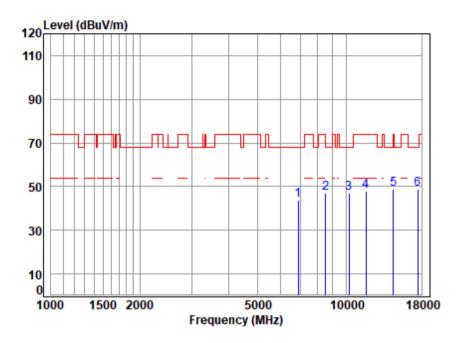


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5825 TX RSE

: 5G Wi-Fi 11a

| | . 50 | *** | 110 | | | | | | |
|---|------------|-------|--------|--------|-------|--------|--------|--------|--------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 6874.906 | 11.37 | 36.10 | 56.73 | 53.02 | 43.76 | 68.20 | -24.44 | Peak |
| 2 | 8514.456 | 12.26 | 38.30 | 55.44 | 52.03 | 47.15 | 68.20 | -21.05 | Peak |
| 3 | 10244.580 | 13.31 | 39.06 | 53.95 | 48.71 | 47.13 | 68.20 | -21.07 | Peak |
| 4 | 11650.000 | 14.69 | 39.55 | 53.69 | 47.24 | 47.79 | 74.00 | -26.21 | peak |
| | p14450.130 | | | | | | | | - |
| 6 | 17475.000 | 18.35 | 40.78 | 54.40 | 43.96 | 48.69 | 68.20 | -19.51 | peak |



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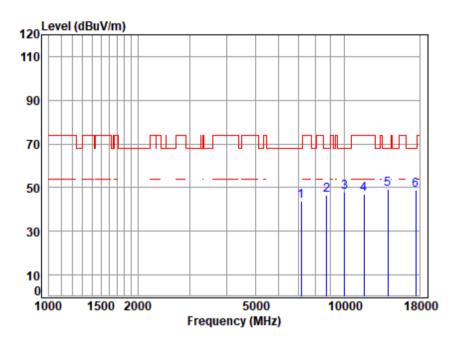


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Report No.: SZCR250500206204

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



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL

Mode : 5825 TX RSE

: 5G Wi-Fi 11a

| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
|---|------------|-------|--------|--------|-------|--------|--------|--------|--------|
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 7158.806 | 11.71 | 36.52 | 56.57 | 52.15 | 43.81 | 68.20 | -24.39 | Peak |
| 2 | 8713.630 | 12.11 | 38.57 | 55.26 | 51.14 | 46.56 | 68.20 | -21.64 | Peak |
| 3 | 10039.390 | 13.11 | 38.98 | 54.08 | 49.73 | 47.74 | 68.20 | -20.46 | Peak |
| 4 | 11650.000 | 14.69 | 39.55 | 53.69 | 46.39 | 46.94 | 74.00 | -27.06 | peak |
| 5 | p14038.450 | 16.51 | 39.90 | 54.40 | 47.43 | 49.44 | 68.20 | -18.76 | Peak |
| 6 | 17475.000 | 18.35 | 40.78 | 54.40 | 44.28 | 49.01 | 68.20 | -19.19 | peak |



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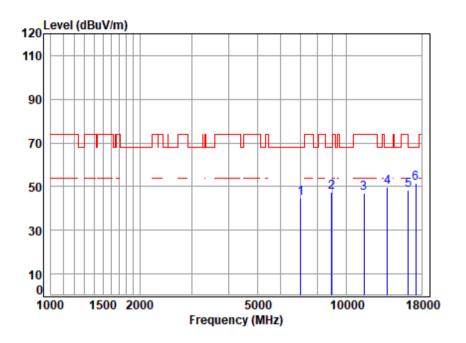


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Report No.: SZCR250500206204

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Test Mode: 06; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL : 5745 TX RSE Mode

: 5G Wi-Fi 11ax20

| | Freq | | | Preamp Factor | | | | | Remark |
|---|------------|-------|-------|------------------|-------|--------|--------|--------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 7015.420 | 11.47 | 36.23 | 56.69 | 53.76 | 44.77 | 68.20 | -23.43 | Peak |
| 2 | 8917.462 | 12.21 | 38.57 | 55.07 | 51.87 | 47.58 | 68.20 | -20.62 | Peak |
| 3 | 11490.000 | 14.97 | 39.61 | 53.65 | 46.25 | 47.18 | 74.00 | -26.82 | peak |
| 4 | 13797.090 | 15.97 | 39.90 | 54.42 | 48.32 | 49.77 | 68.20 | -18.43 | Peak |
| 5 | 16221.190 | 17.20 | 38.52 | 54.07 | 46.85 | 48.50 | 68.20 | -19.70 | Peak |
| 6 | p17235.000 | 17.83 | 40.01 | 54.35 | 48.26 | 51.75 | 68.20 | -16.45 | peak |



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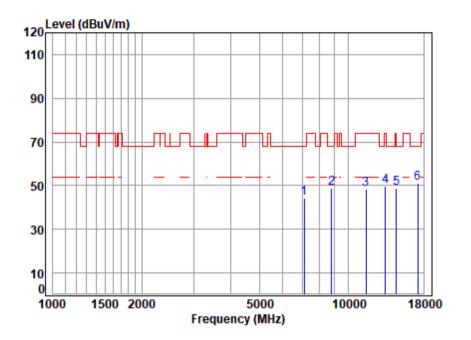


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Report No.: SZCR250500206204

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Test Mode: 06; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL

Mode : 5745 TX RSE

: 5G Wi-Fi 11ax20

| . 3d M1 11 110X20 | | | | | | | | | |
|-------------------|------------|-------|--------|--------|-------|--------|--------|--------|--------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 7096.999 | 11.97 | 36.39 | 56.62 | 52.54 | 44.28 | 68.20 | -23.92 | Peak |
| 2 | 8789.516 | 12.23 | 38.50 | 55.19 | 53.24 | 48.78 | 68.20 | -19.42 | Peak |
| 3 | 11490.000 | 14.97 | 39.61 | 53.65 | 47.40 | 48.33 | 74.00 | -25.67 | peak |
| 4 | 13365.320 | 16.13 | 40.30 | 54.46 | 47.72 | 49.69 | 74.00 | -24.31 | Peak |
| 5 | 14533.910 | 16.79 | 39.43 | 54.35 | 47.01 | 48.88 | 68.20 | -19.32 | Peak |
| 6 | p17235.000 | 17.83 | 40.01 | 54.35 | 47.75 | 51.24 | 68.20 | -16.96 | peak |



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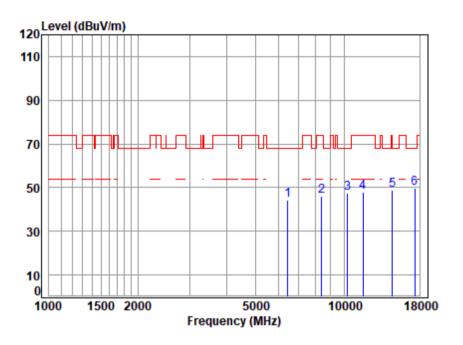


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Report No.: SZCR250500206204

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Test Mode: 06; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5785 TX RSE

: 5G Wi-Fi 11ax20

| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
|---|------------|-------|--------|--------|-------|--------|--------|--------|--------|
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 6451.353 | 12.48 | 34.80 | 56.81 | 53.70 | 44.17 | 68.20 | -24.03 | Peak |
| 2 | 8392.292 | 11.64 | 38.62 | 55.55 | 51.43 | 46.14 | 74.00 | -27.86 | Peak |
| 3 | 10274.240 | 13.45 | 39.03 | 53.94 | 48.80 | 47.34 | 68.20 | -20.86 | Peak |
| 4 | 11570.000 | 14.78 | 39.60 | 53.67 | 47.27 | 47.98 | 74.00 | -26.02 | peak |
| 5 | 14575.970 | 16.41 | 39.35 | 54.34 | 47.40 | 48.82 | 68.20 | -19.38 | Peak |
| 6 | p17355.000 | 18.00 | 40.31 | 54.37 | 45.64 | 49.58 | 68.20 | -18.62 | peak |



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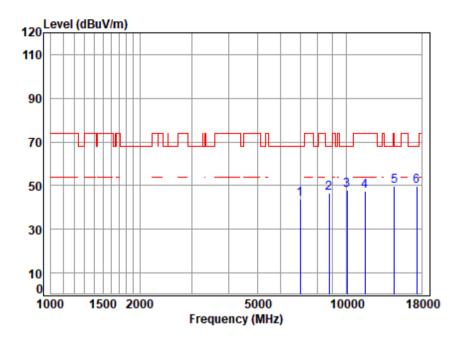


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Report No.: SZCR250500206204

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Test Mode: 06; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL

Mode : 5785 TX RSE

: 5G Wi-Fi 11ax20

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Line Limit Remark Level Level dBuV dBuV/m dBuV/m MHz dB dB/m dB dB

| 1 | 6974.982 | 11.37 | 36.15 | 56.71 | 53.06 | 43.87 | 68.20 -24.33 Peak |
|---|------------|-------|-------|-------|-------|-------|-------------------|
| 2 | 8738.852 | 12.15 | 38.52 | 55.24 | 51.17 | 46.60 | 68.20 -21.60 Peak |
| 3 | 10068.450 | 13.19 | 39.04 | 54.06 | 49.78 | 47.95 | 68.20 -20.25 Peak |
| 4 | 11570.000 | 14.78 | 39.60 | 53.67 | 46.56 | 47.27 | 74.00 -26.73 peak |
| 5 | 14533.910 | 16.79 | 39.43 | 54.35 | 47.79 | 49.66 | 68.20 -18.54 Peak |
| 6 | p17355.000 | 18.00 | 40.31 | 54.37 | 45.98 | 49.92 | 68.20 -18.28 peak |



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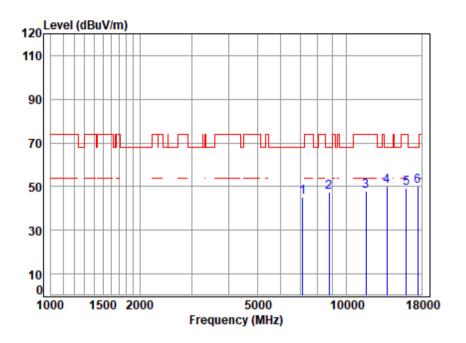


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Report No.: SZCR250500206204

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Test Mode: 06; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL : 5825 TX RSE Mode

: 5G Wi-Fi 11ax20

Cable Ant Preamp Read Limit 0ver Freq Loss Factor Factor Limit Remark Level Level Line dBuV dBuV/m dBuV/m MHz dB dB/m 7138.144 56.59 53.33 45.03 68.20 -23.17 Peak 1 11.81 36.48 8764.146 12.19 55.21 51.92 47.40 68.20 -20.80 Peak 38.50 3 11650.000 14.69 39.55 53.69 47.33 47.88 74.00 -26.12 peak 13717.560 16.33 39.98 54.43 48.16 50.04 68.20 -18.16 Peak 17.17 47.45 49.23 74.00 -24.77 Peak 15988.450 38.61 54.00 40.78 54.40 45.58 50.31 68.20 -17.89 peak 6 p17475.000 18.35



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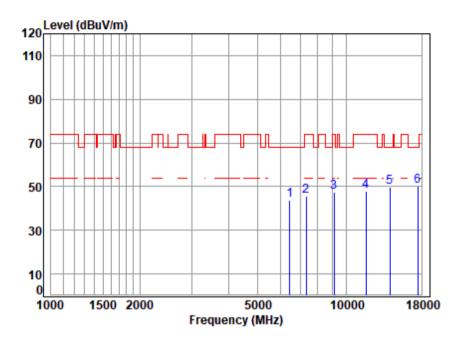


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Test Mode: 06; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL

Mode : 5825 TX RSE

· 56 Wi-Fi 11av20

| | . 30 | MILI | TIANZ | 0 | | | | | |
|---|------------|-------|--------|--------|-------|--------|--------|--------|--------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 6451.353 | 12.48 | 34.80 | 56.81 | 53.20 | 43.67 | 68.20 | -24.53 | Peak |
| 2 | 7326.267 | 11.51 | 36.75 | 56.44 | 53.85 | 45.67 | 74.00 | -28.33 | Peak |
| 3 | 9099.724 | 12.12 | 38.60 | 54.91 | 51.70 | 47.51 | 74.00 | -26.49 | Peak |
| 4 | 11650.000 | 14.69 | 39.55 | 53.69 | 47.31 | 47.86 | 74.00 | -26.14 | peak |
| 5 | 14038.450 | 16.51 | 39.90 | 54.40 | 47.84 | 49.85 | 68.20 | -18.35 | Peak |
| 6 | p17475.000 | 18.35 | 40.78 | 54.40 | 45.34 | 50.07 | 68.20 | -18.13 | peak |



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6.3 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: ANSI C63.10 (2020) Section 6.10.5

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.



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6.3.1 E.U.T. Operation

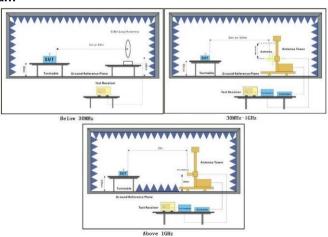
Operating Environment:

Temperature: 23.5 °C Humidity: 56.3 % RH Atmospheric Pressure: 1020 mbar

6.3.2 Test Mode Description

| C.O.Z. TOST MODE DESCRIPTION | | | | | | | |
|------------------------------|--------------|--|--|--|--|--|--|
| Pre-scan / Final test | Mode Code | Description | | | | | |
| Final test | 03 | Charge + TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. 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/ac/ax 20/40/80, Only the data of worst case is recorded in the report. | | | | | |
| Final test | 04 | Charge + TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. 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/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report. | | | | | |
| Final test | 05 | Charge + TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. 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/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report. | | | | | |
| Final test | 06 | Charge + TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. 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/ac/ax 20/40/80, Only the data of worst case is recorded in the report. | | | | | |

6.3.3 Test Setup Diagram





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6.3.4 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 1: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

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- Remark 2.The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for Peak detection (PK) and Average detection (AV) at frequency above 1GHz.
- Remark 3. For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is ≥1/T (Duty cycle<98%) or 10Hz (Duty cycle ≥ 98%) for Average detection (AV) at frequency above 1GHz.



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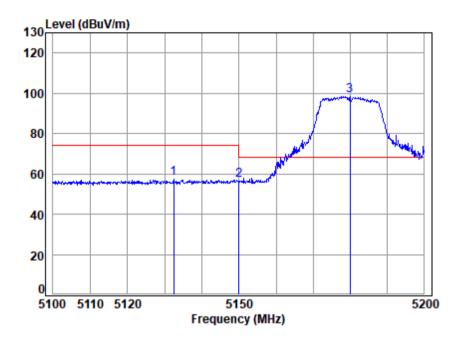


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Test Mode: 03; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5180 Band edge

· 56 Wi-Fi 11a

| | | | Ant | Preamp | | | | | |
|-----|----------|-------|--------|--------|-------|--------|--------|--------|--------|
| | Freq | Loss | Factor | Factor | | | Line | Limit | Kemark |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5132.387 | 10.07 | 32.36 | 30.85 | 46.04 | 57.62 | 74.00 | -16.38 | peak |
| 2 | 5149.980 | 10.14 | 32.40 | 30.84 | 45.06 | 56.76 | 74.00 | -17.24 | peak |
| 3 n | 5180,000 | 10 25 | 32 46 | 30 83 | 86 78 | 98 66 | 68 20 | 30 46 | neak |



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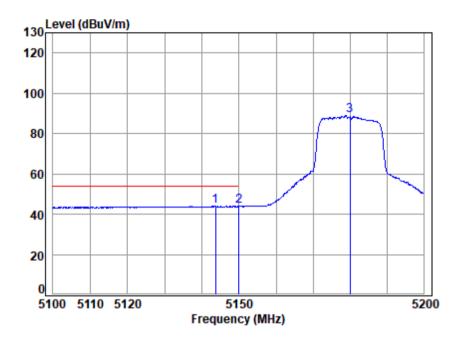


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Test Mode: 03: Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL : 5180 Band edge Mode

: 5G Wi-Fi 11a

| | Freq | | | Preamp Factor | | | | | Remark | |
|-----|----------|-------|-------|------------------|-------|--------|--------|--------|---------|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | | - |
| 1 q | 5143.661 | 10.12 | 32.39 | 30.84 | 32.29 | 43.96 | 54.00 | -10.04 | Average | |
| 2 | 5149.980 | 10.14 | 32.40 | 30.84 | 32.24 | 43.94 | 54.00 | -10.06 | Average | |
| 3 | 5180.000 | 10.25 | 32.46 | 30.83 | 76.99 | 88.87 | | | Average | |



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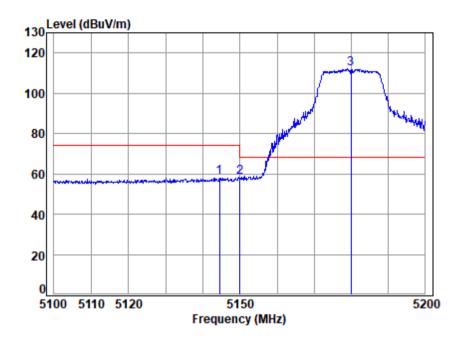


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Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5180 Band edge

· 56 Wi-Fi 11a

| | | | Ant | | | Level | | | Remark | |
|--|------------------------|----|------|----|------|--------|--------|------|--------|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | ——dB | | _ |
| | 5144.460 | | | | | | | | | |
| | 5149.980 n 5180.000 | | | | | | | | | |



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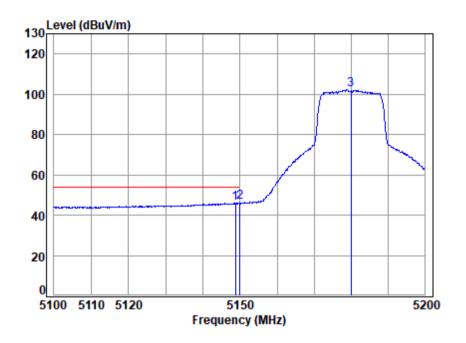


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Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5180 Band edge

: 5G Wi-Fi 11a

| | Freq | | | Preamp Factor | | | | | Remark |
|-----|----------|-------|-------|------------------|-------|--------|--------|-------|---------|
| - | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5148.757 | 10.14 | 32.40 | 30.84 | 34.37 | 46.07 | 54.00 | -7.93 | Average |
| 2 q | 5149.980 | 10.14 | 32.40 | 30.84 | 34.61 | 46.31 | 54.00 | -7.69 | Average |
| 3 | 5180.000 | 10.25 | 32.46 | 30.83 | 90.49 | 102.37 | | | Average |



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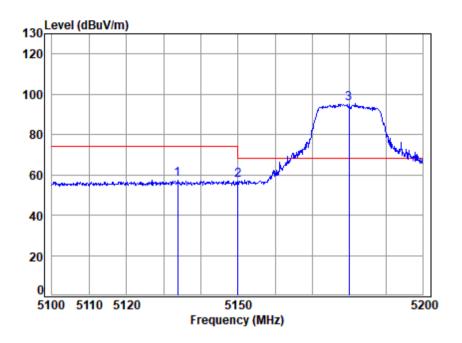


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Test Mode: 03; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5180 Band edge

: 5G Wi-Fi 11n20

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Line Limit Remark Level Level dBuV dBuV/m dBuV/m MHz dB dB/m 5133.782 10.08 32.37 46.23 74.00 -16.17 peak 30.85 57.83 5149.980 10.14 32.40 30.84 45.49 57.19 74.00 -16.81 peak 3 p 5180.000 10.25 32.46 30.83 83.75 95.63 68.20 27.43 peak



1

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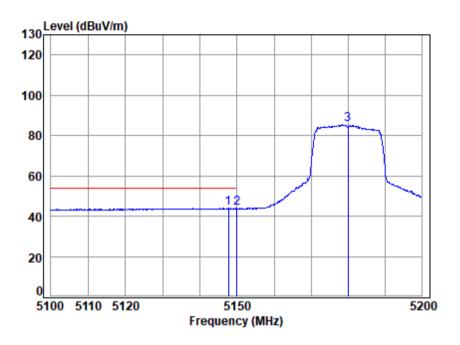


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Test Mode: 03; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

5180.000

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5180 Band edge

: 5G Wi-Fi 11n20

10.25

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Line Limit Remark Freq Level Level dBuV dBuV/m dBuV/m MHz dB dB/m 1 q 5147.658 32.40 44.09 54.00 -9.91 Average 10.13 32.40 30.84 5149.980 10.14 32.40 30.84 32.30 44.00 54.00 -10.00 Average



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32.46 30.83 73.71 85.59 ----- Average

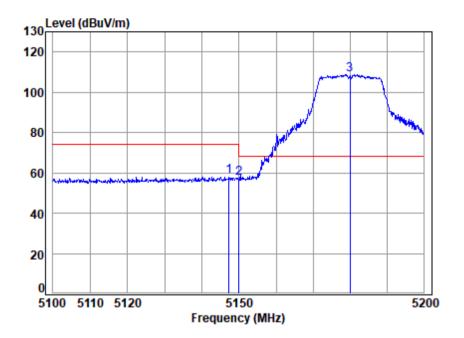


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Test Mode: 03; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5180 Band edge

: 5G Wi-Fi 11n20

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Line Limit Remark Freq Level Level dBuV dBuV/m dBuV/m MHz dB dB/m

5147.258 10.13 32.39 46.50 74.00 -15.82 Peak 1 30.84 58.18 5149.980 10.14 32.40 30.84 45.88 57.58 74.00 -16.42 Peak 3 p 5180.000 10.25 32.46 30.83 97.07 108.95 68.20 40.75 Peak



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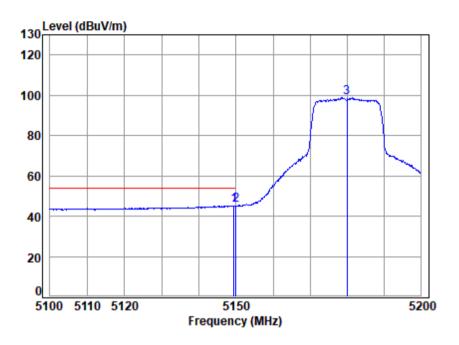


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Test Mode: 03; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5180 Band edge

: 5G Wi-Fi 11n20

| Freq | | | | | | Limit Line | | |
|----------------------------|----|------|----|------|--------|---------------|----|---|
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 q 5149.458 2 5149.980 | | | | | | | | _ |

5180.000 10.25 32.46 30.83 87.06 98.94 ----- Average



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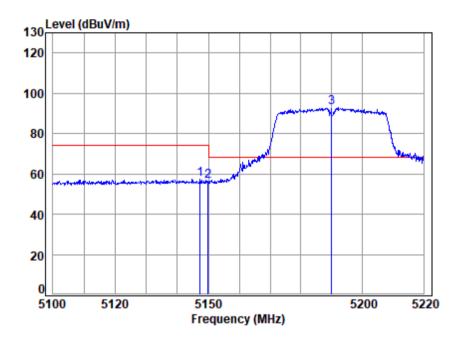


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Test Mode: 03; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode

: 5190 Band edge : 5G Wi-Fi 11n40

| | Freq | | | Preamp Factor | | | | | Remark |
|-----|----------|-------|-------|------------------|-------|--------|--------|--------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5147.306 | 10.13 | 32.39 | 30.84 | 45.85 | 57.53 | 74.00 | -16.47 | peak |
| 2 | 5149.980 | 10.14 | 32.40 | 30.84 | 44.87 | 56.57 | 74.00 | -17.43 | peak |
| 3 p | 5190.000 | 10.29 | 32.48 | 30.82 | 81.17 | 93.12 | 68.20 | 24.92 | peak |



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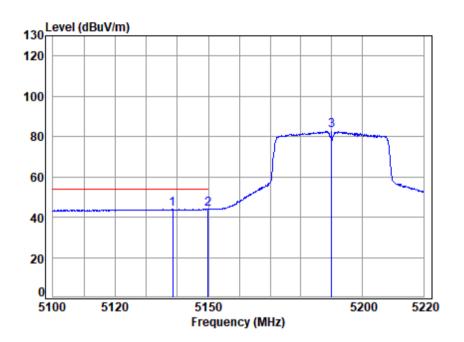


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Test Mode: 03; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

5190.000

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5190 Band edge

: 5G Wi-Fi 11n40

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Line Limit Remark Freq Level Level dBuV dBuV/m dBuV/m MHz dB dB/m 1 q 5138.455 32.44 44.08 54.00 -9.92 Average 10.10 32.38 30.84 5149.980 10.14 32.40 30.84 32.36 44.06 54.00 -9.94 Average

10.29 32.48 30.82 70.94 82.89 ----- Average



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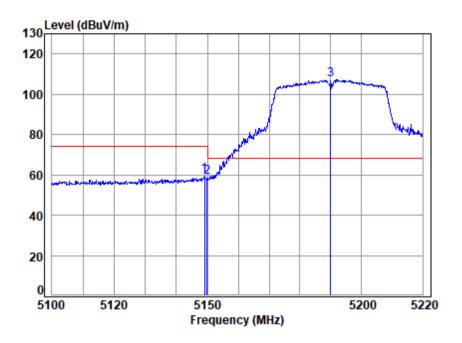


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Report No.: SZCR250500206204

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Test Mode: 03; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5190 Band edge

: 5G Wi-Fi 11n40

Cable Ant Preamp Read Limit 0ver

Loss Factor Factor Line Limit Remark Level Level

dBuV dBuV/m dBuV/m MHz dB dB/m

5149.102 10.14 32.40 48.02 59.72 74.00 -14.28 Peak 1 30.84 5149.980 10.14 32.40 30.84 47.12 58.82 74.00 -15.18 Peak 3 p 5190.000 10.29 32.48 30.82 95.52 107.47 68.20 39.27 Peak



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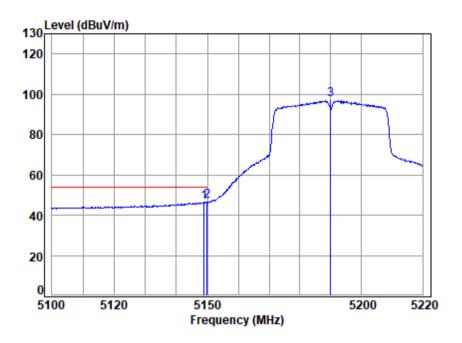


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 80 of 207

Test Mode: 03; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5190 Band edge

: 5G Wi-Fi 11n40

| | | Freq | | | Preamp Factor | | | | | Remark |
|---|---|----------|-------|-------|------------------|-------|--------|--------|-------|---------|
| | - | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | | 5148.863 | 10.14 | 32.40 | 30.84 | 35.00 | 46.70 | 54.00 | -7.30 | Average |
| 2 | q | 5149.980 | 10.14 | 32.40 | 30.84 | 35.02 | 46.72 | 54.00 | -7.28 | Average |
| 3 | | 5190.000 | 10.29 | 32.48 | 30.82 | 85.19 | 97.14 | | | Average |



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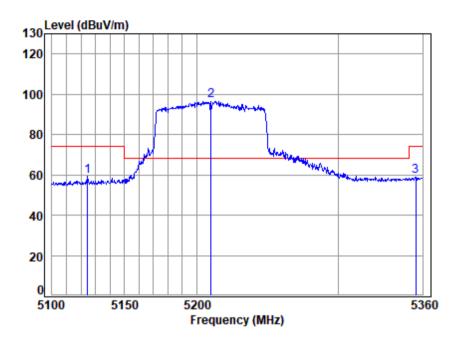


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 81 of 207

Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5210 Band edge

: 5G Wi-Fi 11ac80

| Freq | | | Preamp Factor | | | | | Remark |
|----------------------|----|------|------------------|------|--------|--------|----|--------|
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 5124.403 5210.000 | | | | | | | | - |
| 5355.205 | | | | | | | | • |



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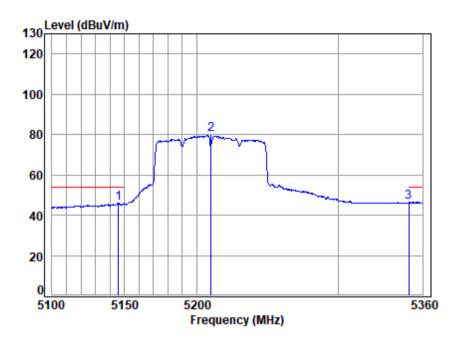


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5210 Band edge

: 5G Wi-Fi 11ac80

| | | | | _ | | | | | |
|---|------------|-------|--------|--------|-------|--------|--------|-------|---------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 5145.851 | 10.12 | 32.39 | 30.84 | 34.48 | 46.15 | 54.00 | -7.85 | Average |
| 2 | 5210.000 | 10.32 | 32.52 | 30.82 | 67.87 | 79.89 | | | Average |
| | q 5350.148 | | | | | | | | _ |



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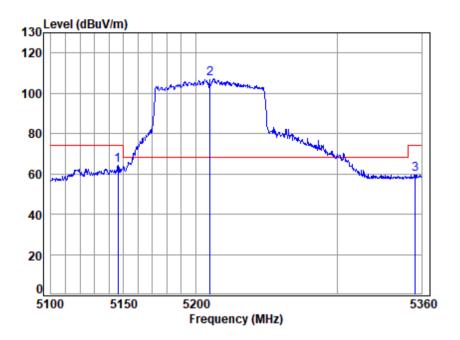


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 83 of 207

Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5210 Band edge

: 5G Wi-Fi 11ac80

| | . 50 | AAT IT | TTACO | | | | | | |
|-----|-----------|--------|--------|--------|-------|--------|--------|-------|--------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| | 5146.107 | 10.13 | 32.39 | 30.84 | 52.67 | 64.35 | 74.00 | -9.65 | Peak |
| 2 p | 5210.000 | 10.32 | 32.52 | 30.82 | 95.39 | 107.41 | 68.20 | 39.21 | Peak |
| | 5355 //71 | | | | | | | | |



1 2

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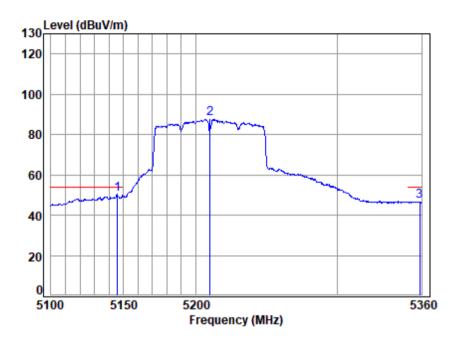


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5210 Band edge

· 56 Wi-Fi 11ac80

| | : 50 | MT-LT | TIACO | 0 | | | | | | |
|---|----------|-------|--------|--------|-------|--------|--------|-------|---------|--|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark | |
| | | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | | |
| | | | | | | | | | | |
| q | 5145.851 | 10.12 | 32.39 | 30.84 | 38.91 | 50.58 | 54.00 | -3.42 | Average | |
| | 5210.000 | 10.32 | 32.52 | 30.82 | 75.87 | 87.89 | | | Average | |
| | 5358.667 | | | | | | | | _ | |



1 2

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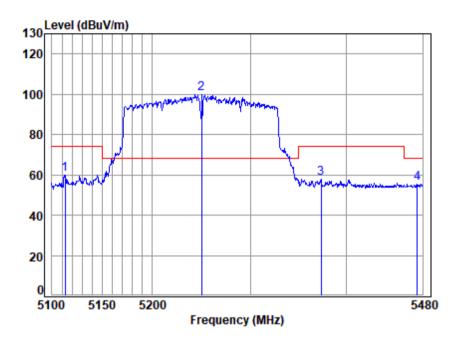


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 85 of 207

Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:160MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5250 Band edge

: 5G Wi-Fi 11ac160

| | | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
|---|---|----------|-------|--------|--------|-------|--------|--------|--------|--------|
| | | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | | |
| | | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | | |
| 1 | | 5113.211 | 10.00 | 32.33 | 30.85 | 48.68 | 60.16 | 74.00 | -13.84 | peak |
| 2 | р | 5250.000 | 10.31 | 32.60 | 30.80 | 88.19 | 100.30 | 68.20 | 32.10 | peak |
| 3 | | 5373.149 | 10.53 | 32.80 | 30.75 | 45.67 | 58.25 | 74.00 | -15.75 | peak |
| 4 | | 5474.489 | 10.59 | 32.90 | 30.71 | 43.01 | 55.79 | 68.20 | -12.41 | peak |



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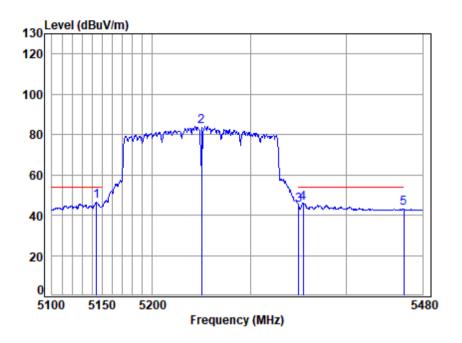


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 86 of 207

Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:160MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5250 Band edge

: 5G Wi-Fi 11ac160

| | Freq | | | Preamp Factor | | | | | Remark | |
|---|----------------------|-------|-------|------------------|-------|--------|--------|--------|---------|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | | - |
| | 5144.171 5250.000 | | | | | | | | _ | |
| | 5350.118 | | | | | | | | _ | |
| 4 | 5354.646 | 10.47 | 32.80 | 30.76 | 33.69 | 46.20 | 54.00 | -7.80 | Average | |
| 5 | 5459.929 | 10.60 | 32.90 | 30.72 | 30.48 | 43.26 | 54.00 | -10.74 | Average | |



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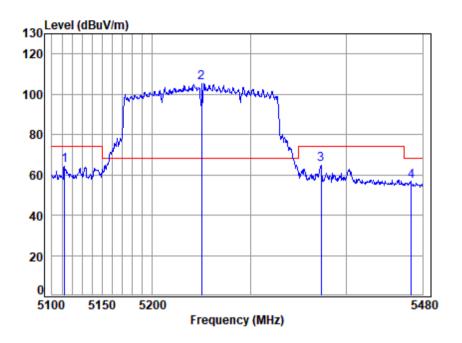


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 87 of 207

Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:160MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5250 Band edge

: 5G Wi-Fi 11ac160

| | Fred | | | Preamp Factor | | | | | Remark |
|-----|----------|-------|-------|------------------|-------|--------|--------|--------|-----------|
| | | | | | | | | | Kellidi K |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | 40.00 | | 20.05 | | | 7 | | |
| 1 | 5112.844 | 10.00 | 32.33 | 30.85 | 53.20 | 64.68 | /4.00 | -9.32 | peak |
| 2 p | 5250.000 | 10.31 | 32.60 | 30.80 | 93.64 | 105.75 | 68.20 | 37.55 | peak |
| 3 | 5373.149 | 10.53 | 32.80 | 30.75 | 52.47 | 65.05 | 74.00 | -8.95 | peak |
| 4 | 5467.805 | 10.59 | 32.90 | 30.71 | 44.19 | 56.97 | 68.20 | -11.23 | peak |



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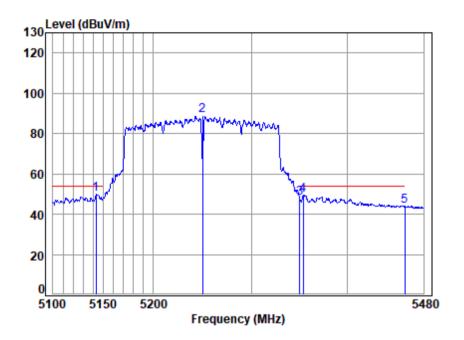


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:160MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5250 Band edge

: 5G Wi-Fi 11ac160

| | Freq | | | Preamp Factor | | | | | Remark |
|---|----------------------|-------|-------|------------------|-------|--------|--------|-------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | 5143.063 5250.000 | | | | | | | | _ |
| | 5350.118 | | | | | | | | _ |
| | 5353.492 | | | | | | | | _ |
| 5 | 5459.929 | 10.60 | 32.90 | 30.72 | 31.36 | 44.14 | 54.00 | -9.86 | Average |



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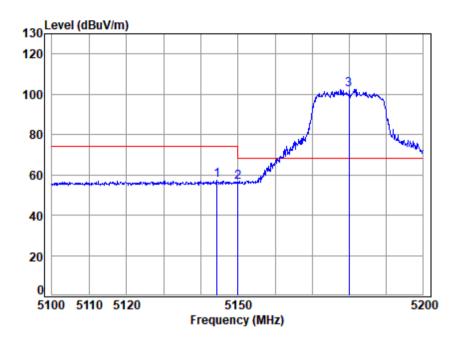


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5180 Band edge

· 56 Wi-Fi 11av20

| | : 50 | | Ant | Preamp | Read | | Limit | 0ver | | |
|---|------------|-------|-------|--------|-------|--------|--------|--------|--------|---|
| | Freq | | | Factor | | | | | Remark | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | | _ |
| 1 | 5144.260 | 10.12 | 32.39 | 30.84 | 45.62 | 57.29 | 74.00 | -16.71 | peak | |
| 2 | 5149.980 | 10.14 | 32.40 | 30.84 | 44.62 | 56.32 | 74.00 | -17.68 | peak | |
| 3 | p 5180,000 | 10.25 | 32.46 | 30.83 | 90.68 | 102.56 | 68.20 | 34.36 | peak | |



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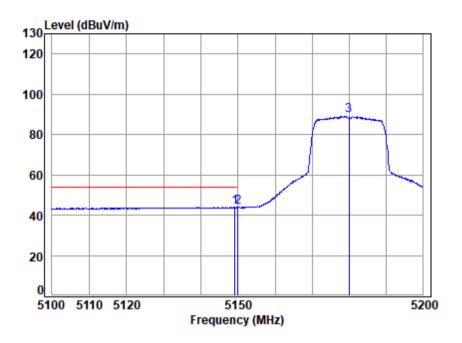


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL : 5180 Band edge Mode

: 5G Wi-Fi 11ax20

| | | | | | _ | | | | | |
|---|---|----------|-------|--------|--------|-------|--------|--------|-------|---------|
| | | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | _ | | | | | | | | | |
| | | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | | |
| 1 | q | 5149.157 | 10.14 | 32.40 | 30.84 | 32.36 | 44.06 | 54.00 | -9.94 | Average |
| 2 | | 5149.980 | 10.14 | 32.40 | 30.84 | 32.32 | 44.02 | 54.00 | -9.98 | Average |
| 3 | | 5180.000 | 10.25 | 32.46 | 30.83 | 77.52 | 89.40 | | | Average |



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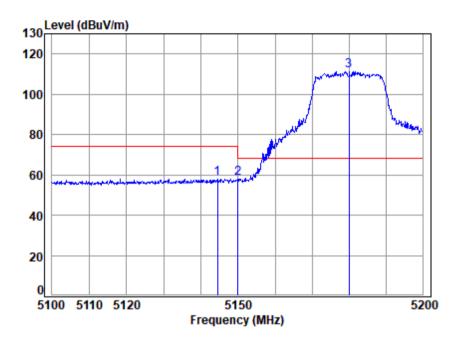


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5180 Band edge

· 56 Wi-Fi 11av20

| | : 50 | | Ant | <i>P</i> reamp | Read | | Limit | 0ver | | |
|---|------------|-------|-------|----------------|-------|--------|--------|--------|--------|--|
| | Freq | | | Factor | | | | | Remark | |
| | | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | | |
| 1 | 5144.460 | 10.12 | 32.39 | 30.84 | 46.53 | 58.20 | 74.00 | -15.80 | Peak | |
| 2 | 5149.980 | 10.14 | 32.40 | 30.84 | 46.38 | 58.08 | 74.00 | -15.92 | Peak | |
| 3 | p 5180,000 | 10.25 | 32.46 | 30.83 | 99.74 | 111.62 | 68.20 | 43.42 | Peak | |



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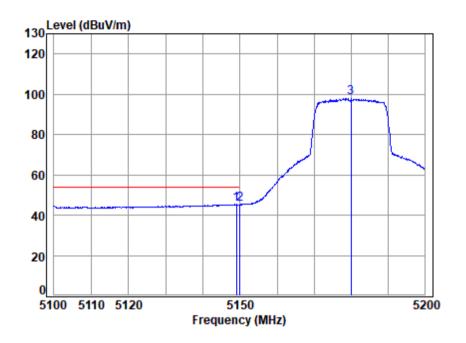


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5180 Band edge

: 5G Wi-Fi 11ax20

| | Freq | | | Preamp Factor | | | | | Remark |
|-----|----------|-------|-------|------------------|-------|--------|--------|-------|---------|
| - | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5148.958 | 10.14 | 32.40 | 30.84 | 33.82 | 45.52 | 54.00 | -8.48 | Average |
| 2 q | 5149.980 | 10.14 | 32.40 | 30.84 | 33.86 | 45.56 | 54.00 | -8.44 | Average |
| 3 | 5180.000 | 10.25 | 32.46 | 30.83 | 86.32 | 98.20 | | | Average |



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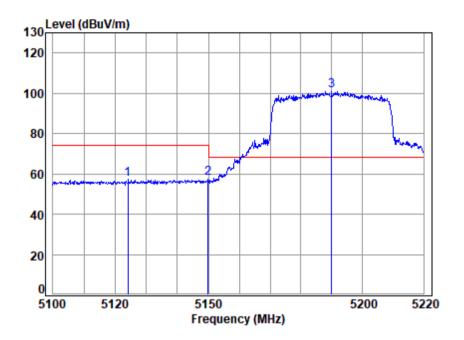


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5190 Band edge

: 5G Wi-Fi 11ax40

| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
|-----|----------|-------|--------|--------|-------|--------|--------|--------|--------|
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5124.135 | 10.04 | 32.35 | 30.85 | 45.95 | 57.49 | 74.00 | -16.51 | peak |
| 2 | 5149.980 | 10.14 | 32.40 | 30.84 | 46.12 | 57.82 | 74.00 | -16.18 | peak |
| 3 p | 5190.000 | 10.29 | 32.48 | 30.82 | 89.22 | 101.17 | 68.20 | 32.97 | peak |



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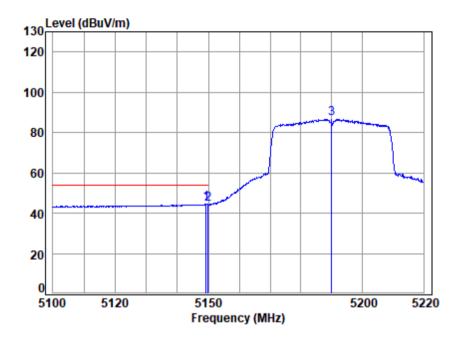


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5190 Band edge

: 5G Wi-Fi 11ax40

| | | Freq | | | Preamp Factor | | | | | Remark | |
|---|---|----------|-------|-------|------------------|-------|--------|--------|-------|---------|---|
| | - | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | | - |
| 1 | q | 5149.222 | 10.14 | 32.40 | 30.84 | 33.06 | 44.76 | 54.00 | -9.24 | Average | |
| 2 | | 5149.980 | 10.14 | 32.40 | 30.84 | 32.93 | 44.63 | 54.00 | -9.37 | Average | |
| 3 | | 5190.000 | 10.29 | 32.48 | 30.82 | 74.97 | 86.92 | | | Average | |



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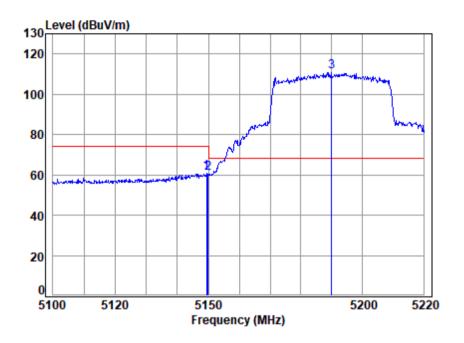


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL : 5190 Band edge Mode

: 5G Wi-Fi 11ax40

| | | *** | TTUN | | | | | | | |
|---|----------|-------|--------|--------|-------|--------|--------|--------|--------|--|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark | |
| | | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | | |
| | | | | | | | | | | |
| | 5149.461 | 10.14 | 32.40 | 30.84 | 49.45 | 61.15 | 74.00 | -12.85 | Peak | |
| | 5149.980 | 10.14 | 32.40 | 30.84 | 48.86 | 60.56 | 74.00 | -13.44 | Peak | |
| р | 5190.000 | 10.29 | 32.48 | 30.82 | 99.18 | 111.13 | 68.20 | 42.93 | Peak | |



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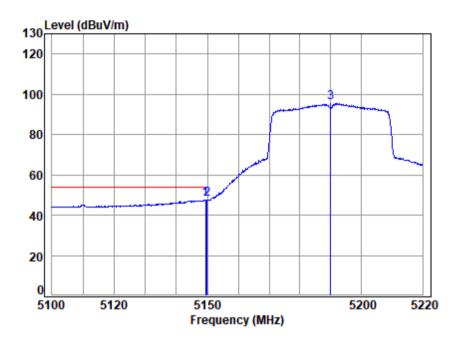


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5190 Band edge

: 5G Wi-Fi 11ax40

| | Freq | | | Preamp Factor | | | | | |
|---|----------|-------|-------|------------------|-------|--------|--------|-------|---------|
| - | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | 5149.461 | | | | | | | | _ |
| 2 | 5149.980 | 10.14 | 32.40 | 30.84 | 36.20 | 47.90 | 54.00 | -6.10 | Average |
| 3 | 5190.000 | 10.29 | 32.48 | 30.82 | 83.84 | 95.79 | | | Average |



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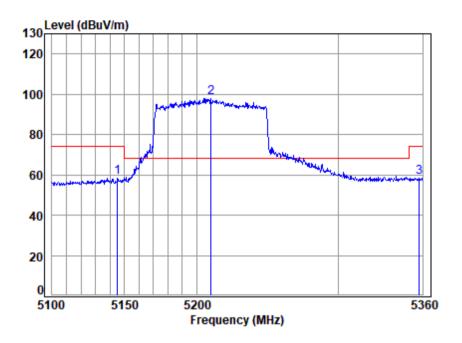


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5210 Band edge

: 5G Wi-Fi 11ax80

| | | | | | _ | | | | | |
|---|---|----------|-------|-------|------------------|-------|--------|--------|--------|--------|
| | | Frea | | | Preamp Factor | | | | | Remark |
| | _ | | | | | | | | | |
| | | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | | 5145.083 | 10.12 | 32.39 | 30.84 | 47.10 | 58.77 | 74.00 | -15.23 | peak |
| 2 | p | 5210.000 | 10.32 | 32.52 | 30.82 | 86.15 | 98.17 | 68.20 | 29.97 | peak |
| 3 | | 5357.602 | 10.48 | 32.80 | 30.76 | 46.35 | 58.87 | 74.00 | -15.13 | peak |



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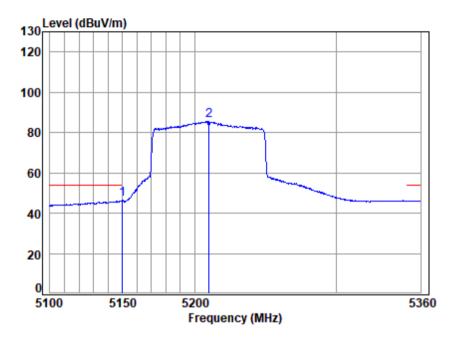


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL : 5210 Band edge Mode

: 5G Wi-Fi 11ax80

| Limit Over |
|-----------------------|
| l Line Limit Remark |
| |
| m dBuV/m dB |
| • |
| 2 54.00 -7.18 Average |
| _ |
| 4 Average |
| 0 54.00 -7.50 Average |
| |



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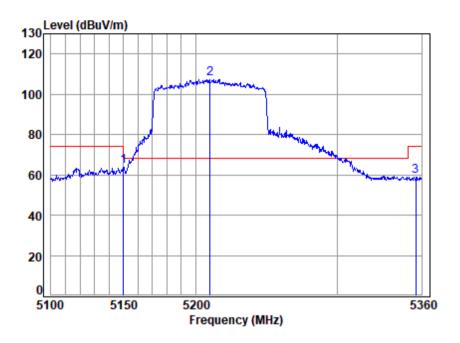


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5210 Band edge

· 56 Wi-Fi 11av80

| | | Cable | | Preamp Factor | | | | | Remark |
|-----|----------|-------|-------|------------------|-------|--------|--------|--------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5149.690 | 10.14 | 32.40 | 30.84 | 52.41 | 64.11 | 74.00 | -9.89 | Peak |
| 2 p | 5210.000 | 10.32 | 32.52 | 30.82 | 95.81 | 107.83 | 68.20 | 39.63 | Peak |
| 3 | 5356,004 | 10.47 | 32.80 | 30.76 | 46.89 | 59.40 | 74.00 | -14.60 | Peak |



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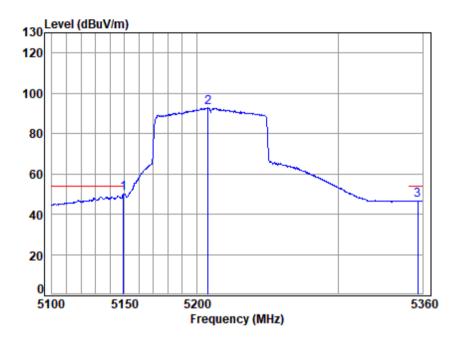


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 100 of 207

Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5210 Band edge

· 56 Wi-Fi 11av80

| | . 30 | MT-LT | TTaxo | 0 | | | | | |
|-----|----------|-------|--------|--------|-------|--------|--------|-------|---------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| . (| 5149.178 | 10.14 | 32.40 | 30.84 | 38.59 | 50.29 | 54.00 | -3.71 | Average |
| | 5208.146 | 10.33 | 32.52 | 30.82 | 81.03 | 93.06 | | | Average |
| | 5356.537 | 10.47 | 32.80 | 30.76 | 34.44 | 46.95 | 54.00 | -7.05 | Average |



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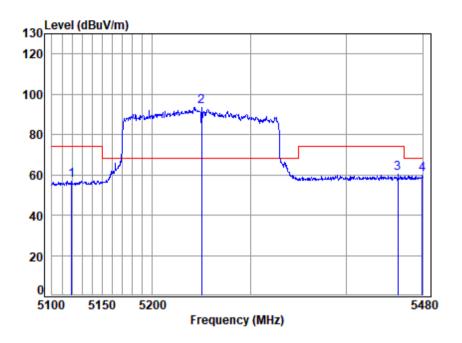


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL : 5250 Band edge Mode

: 5G Wi-Fi 11ax160

| | Freq | | | Preamp Factor | | | | | Remark |
|-----|----------|-------|-------|------------------|-------|--------|--------|--------|--------|
| - | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | ——dB | |
| | 5119.462 | | | | | | | | - |
| 2 p | 5250.000 | 10.31 | 32.60 | 30.80 | 81.95 | 94.06 | 68.20 | 25.86 | peak |
| 3 | 5454.069 | 10.60 | 32.90 | 30.72 | 48.02 | 60.80 | 74.00 | -13.20 | peak |
| 4 | 5479.606 | 10.59 | 32.90 | 30.71 | 47.31 | 60.09 | 68.20 | -8.11 | peak |



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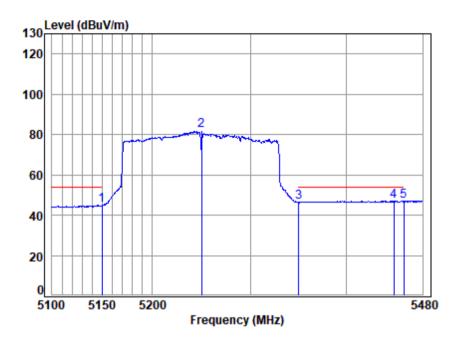


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL : 5250 Band edge Mode

: 5G Wi-Fi 11ax160

| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
|-----|----------|-------|--------|--------|-------|--------|--------|-------|---------|
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 5149.720 | 10.14 | 32.40 | 30.84 | 33.37 | 45.07 | 54.00 | -8.93 | Average |
| 2 | 5250.000 | 10.31 | 32.60 | 30.80 | 69.77 | 81.88 | | | Average |
| 3 | 5350.118 | 10.45 | 32.80 | 30.76 | 33.97 | 46.46 | 54.00 | -7.54 | Average |
| 4 q | 5449.760 | 10.60 | 32.90 | 30.72 | 34.42 | 47.20 | 54.00 | -6.80 | Average |
| 5 | 5459.929 | 10.60 | 32.90 | 30.72 | 34.16 | 46.94 | 54.00 | -7.06 | Average |



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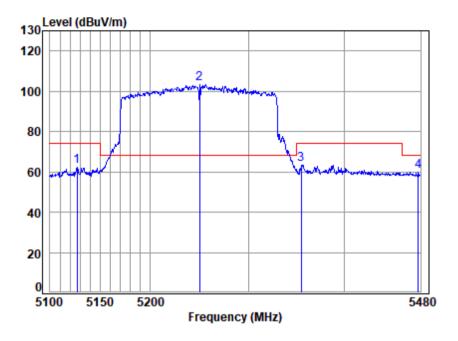


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL : 5250 Band edge Mode

: 5G Wi-Fi 11ax160

| | _ | | | Preamp | | | | | |
|---|----------|-------|--------|--------|-------|----------------------------|----------------------------|----------------|--------|
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | MHz | dB | dB/m | dB | dBuV | $\overline{\text{dBuV/m}}$ | $\overline{\text{dBuV/m}}$ | dB | |
| 1 | 5127.194 | 10 05 | 32 35 | 30 85 | 51 02 | 62 57 | 74 00 | -11 <i>4</i> 3 | neak |
| | 5250.000 | | | | | | | | - |
| 3 | 5354.646 | 10.47 | 32.80 | 30.76 | 51.36 | 63.87 | 74.00 | -10.13 | peak |
| 4 | 5477.638 | 10.59 | 32.90 | 30.71 | 47.44 | 60.22 | 68.20 | -7.98 | peak |



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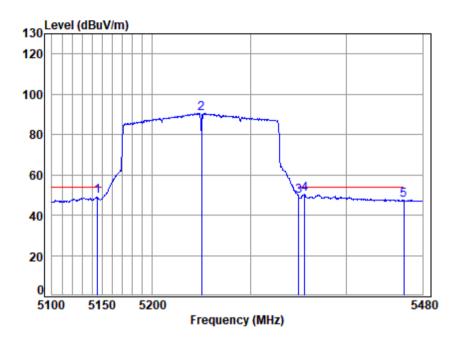


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Report No.: SZCR250500206204

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Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL : 5250 Band edge Mode

: 5G Wi-Fi 11ax160

| | | Cable | Ant | Preamp | Read | | Limit | 0ver | | |
|-----|----------|-------|--------|--------|-------|--------|--------|-------|---------|--|
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark | |
| | | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | | |
| | | | | | | | | | | |
| 1 | 5145.280 | 10.12 | 32.39 | 30.84 | 37.55 | 49.22 | 54.00 | -4.78 | Average | |
| 2 | 5250.000 | 10.31 | 32.60 | 30.80 | 78.57 | 90.68 | | | Average | |
| 3 | 5350.118 | 10.45 | 32.80 | 30.76 | 36.80 | 49.29 | 54.00 | -4.71 | Average | |
| 4 0 | 5356.186 | 10.47 | 32.80 | 30.76 | 37.87 | 50.38 | 54.00 | -3.62 | Average | |
| 5 | 5459.929 | 10.60 | 32.90 | 30.72 | 34.75 | 47.53 | 54.00 | -6.47 | Average | |



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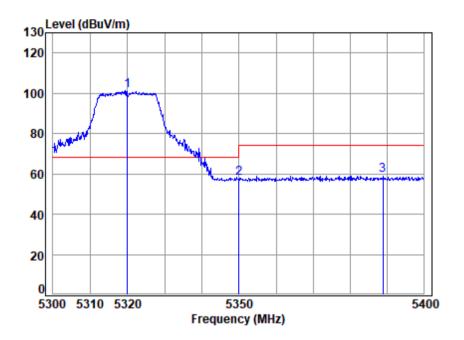


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5320 Band edge

: 5G Wi-Fi 11a

| | | Ant | Preamp Factor | | | | | Remark |
|----------|----|------|------------------|------|--------|--------|------|--------|
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | ——dB | |
| 5320.000 | | | | | | | | • |
| 5350.020 | | | | | | | | • |



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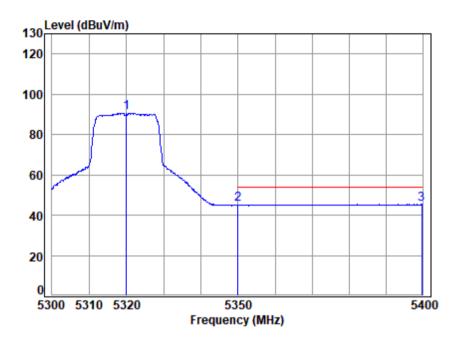


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Report No.: SZCR250500206204

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



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5320 Band edge

: 5G Wi-Fi 11a

| | Freq | | | Preamp Factor | | | | | Remark |
|-----|----------|-------|-------|------------------|-------|--------|--------|-------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5320.000 | 10.35 | 32.74 | 30.77 | 78.65 | 90.97 | | | Average |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 32.85 | 45.34 | 54.00 | -8.66 | Average |
| 3 q | 5399.798 | 10.62 | 32.80 | 30.74 | 32.97 | 45.65 | 54.00 | -8.35 | Average |



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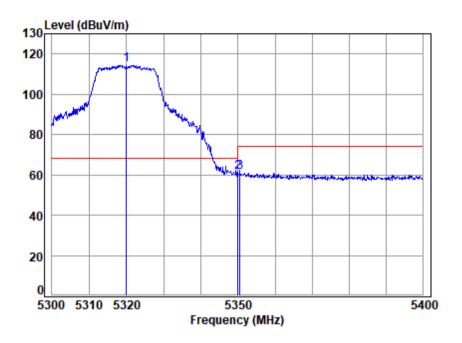


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 107 of 207

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



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5320 Band edge

· 56 Wi-Fi 11a

| | . 50 | MILI | IIa | | | | | | |
|---|----------|-------|--------|--------|--------|--------|--------|--------|--------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| р | 5320.000 | 10.35 | 32.74 | 30.77 | 102.26 | 114.58 | 68.20 | 46.38 | Peak |
| | 5350.020 | 10.45 | 32.80 | 30.76 | 48.88 | 61.37 | 74.00 | -12.63 | Peak |
| | 5350 566 | 10 45 | 32 80 | 30 76 | 48 78 | 61 27 | 74 00 | -12 73 | Peak |



1 2

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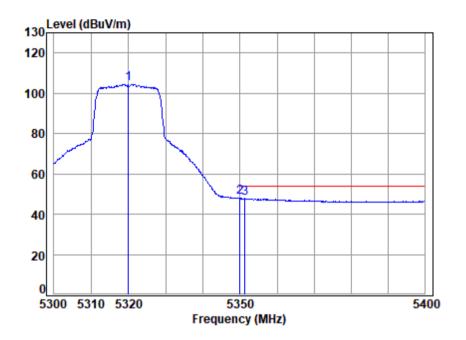


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Report No.: SZCR250500206204

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



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5320 Band edge

· 56 Wi-Fi 11a

| | . 30 | Cable | | Preamp | Read | | Limit | 0ver | |
|-----|-----------|-------|--------|--------|-------|--------|--------|-------|---------|
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5320.000 | 10.35 | 32.74 | 30.77 | 92.45 | 104.77 | | | Average |
| 2 q | 5350.020 | 10.45 | 32.80 | 30.76 | 35.81 | 48.30 | 54.00 | -5.70 | Average |
| 3 | 5351, 267 | 10.45 | 32.80 | 30.76 | 35.69 | 48.18 | 54.00 | -5.82 | Average |



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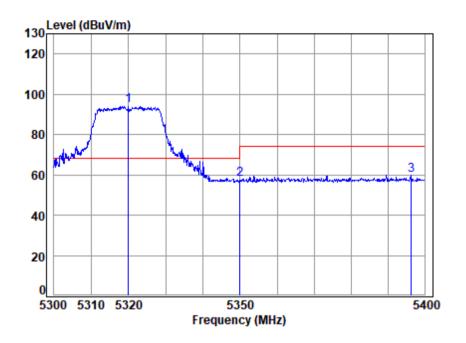


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Report No.: SZCR250500206204

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



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5320 Band edge

: 5G Wi-Fi 11n20

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Line Limit Remark Freq Level Level

dBuV dBuV/m dBuV/m MHz dB dB/m dB

1 p 5320.000 94.26 68.20 26.06 peak 10.35 32.74 30.77 81.94 5350.020 10.45 32.80 30.76 45.36 57.85 74.00 -16.15 peak 5396.368 10.61 32.80 30.74 47.22 59.89 74.00 -14.11 peak



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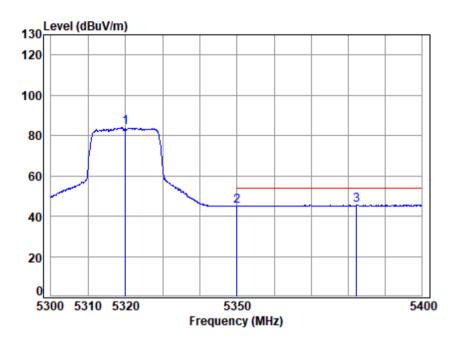


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Report No.: SZCR250500206204

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



: chamber Site

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5320 Band edge

: 5G Wi-Fi 11n20

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m dB 1 5320.000 10.35 32.74 30.77 71.73 84.05 ----- Average 5350.020 10.45 32.80 30.76 32.71 45.20 54.00 -8.80 Average 3 q 5382.264 10.56 32.80 30.75 32.99 45.60 54.00 -8.40 Average



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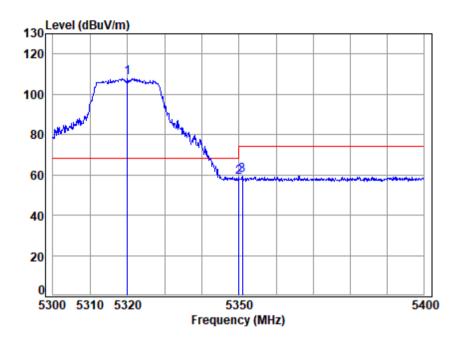


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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



Site : chamber

Condition: 3m VERTICAL

MHz

: 02062TL\02063TL Mode : 5320 Band edge

: 5G Wi-Fi 11n20

dB

dB/m

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Line Limit Remark Freq Level Level dBuV dBuV/m dBuV/m

1 p 5320.000 30.77 10.35 32.74 95.73 108.05 68.20 39.85 Peak 2 5350.020 10.45 32.80 30.76 46.32 58.81 74.00 -15.19 Peak 5350.866 10.45 32.80 30.76 47.14 59.63 74.00 -14.37 Peak



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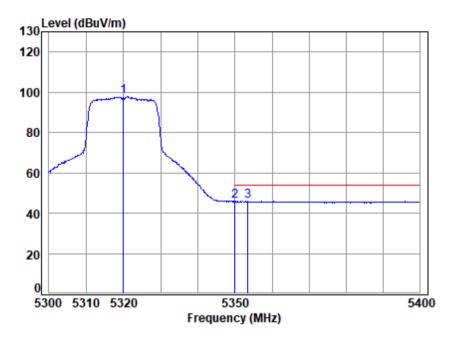


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Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



: chamber Site

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5320 Band edge

: 5G Wi-Fi 11n20

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Level Level Line Limit Remark Freq dBuV dBuV/m dBuV/m MHz dB dB/m dB 5320.000 10.35 32.74 30.77 85.68 98.00 ----- Average 5350.020 10.45 32.80 30.76 33.50 45.99 -8.01 Average 54.00

3 q 5353.468 10.46 32.80 30.76 33.66 46.16 54.00 -7.84 Average



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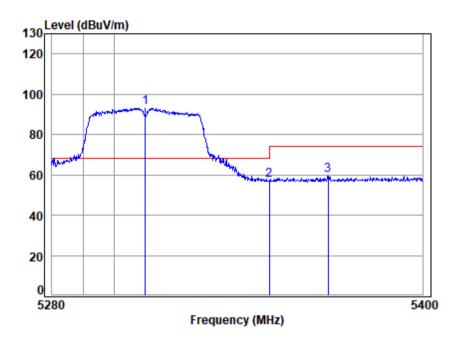


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 113 of 207

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



Site : chamber

5369.144

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5310 Band edge

: 5G Wi-Fi 11n40

10.52

32.80

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Line Limit Remark Freq Level Level dBuV dBuV/m dBuV/m MHz dB dB/m dB 1 p 5310.000 10.31 93.22 68.20 25.02 peak 32.72 30.78 80.97 30.76 5350.020 10.45 32.80 44.81 57.30 74.00 -16.70 peak



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30.75 47.01 59.58 74.00 -14.42 peak

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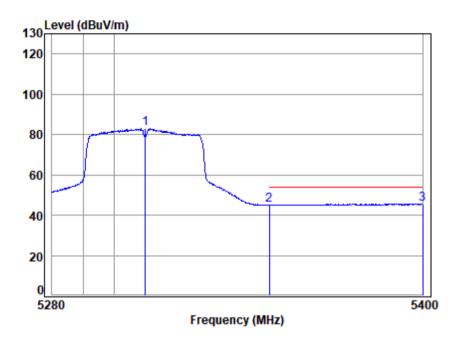


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 114 of 207

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



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5310 Band edge

· 56 Wi-Fi 11n40

| | . 30 | MT-LT | 111140 | | | | | | |
|---|------------|-------|--------|--------|-------|--------|--------|-------|---------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| | 5310.000 | 10.31 | 32.72 | 30.78 | 70.94 | 83.19 | | | Average |
|) | 5350.020 | 10.45 | 32.80 | 30.76 | 32.72 | 45.21 | 54.00 | -8.79 | Average |
| | a 5400.000 | 10.62 | 32.80 | 30.74 | 32.97 | 45.65 | 54.00 | -8.35 | Average |



1 2

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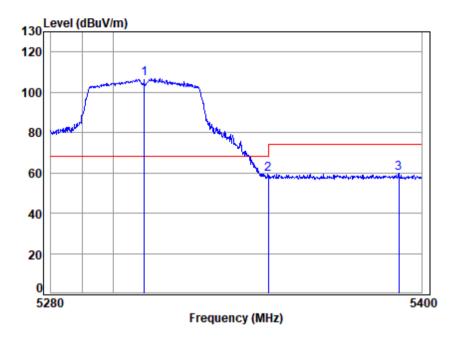


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 115 of 207

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



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5310 Band edge

: 5G Wi-Fi 11n40

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Line Limit Remark Freq Level Level dBuV dBuV/m dBuV/m MHz dB dB/m

1 p 5310.000 10.31 32.72 30.78 94.60 106.85 68.20 38.65 Peak 2 5350.020 10.45 32.80 30.76 47.01 59.50 74.00 -14.50 Peak 5392,603 10.59 32.80 30.74 47.23 59.88 74.00 -14.12 Peak



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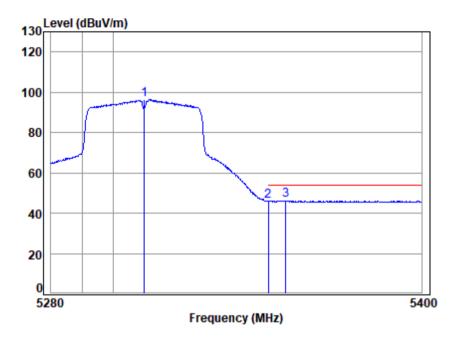


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 116 of 207

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



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5310 Band edge

· 56 Wi-Fi 11n40

| | Over | limit | | Read | Preamp | Ant | | . 30 |
|---------|-------|--------|--------|-------|--------|-------|-------|------------|
| Remark | | | | | | | | Freq |
| | | | | | | | | |
| | dB | dBuV/m | dBuV/m | dBuV | dB | dB/m | dB | MHz |
| A | | | 06.37 | 04 42 | 20.70 | 22 72 | 10 31 | F340 000 |
| Average | | | 90.37 | 04.12 | 30.76 | 32.72 | 10.31 | 5310.000 |
| Average | -7.92 | 54.00 | 46.08 | 33.59 | 30.76 | 32.80 | 10.45 | 5350.020 |
| Average | -7 76 | 54 00 | 46 24 | 33 73 | 30 76 | 32 80 | 10 47 | 1 5355 767 |



1 2

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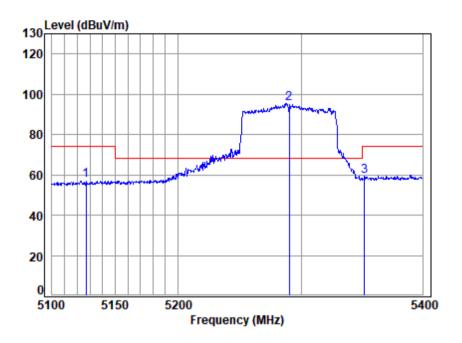


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 117 of 207

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



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5290 Band edge

: 5G Wi-Fi 11ac80

| | | | | | _ | | | | | |
|---|---|----------|-------|-------|------------------|-------|--------|--------|--------|--------|
| | | Freq | | | Preamp Factor | | | | | Remark |
| | - | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | ——dB | |
| 1 | | 5126.889 | 10.05 | 32.35 | 30.85 | 45.61 | 57.16 | 74.00 | -16.84 | peak |
| 2 | p | 5290.000 | 10.28 | 32.68 | 30.78 | 83.29 | 95.47 | 68.20 | 27.27 | peak |
| 3 | | 5351.758 | 10.46 | 32.80 | 30.76 | 46.95 | 59.45 | 74.00 | -14.55 | peak |



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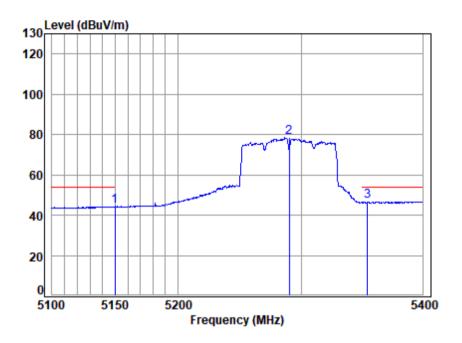


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 118 of 207

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



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5290 Band edge

: 5G Wi-Fi 11ac80

| | Freq | | | Preamp Factor | | | | | Remark |
|-----|----------|-------|-------|------------------|-------|--------|--------|-------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5149.798 | 10.14 | 32.40 | 30.84 | 32.86 | 44.56 | 54.00 | -9.44 | Average |
| 2 | 5290.000 | 10.28 | 32.68 | 30.78 | 66.51 | 78.69 | | | Average |
| 3 q | 5354.512 | 10.47 | 32.80 | 30.76 | 34.40 | 46.91 | 54.00 | -7.09 | Average |



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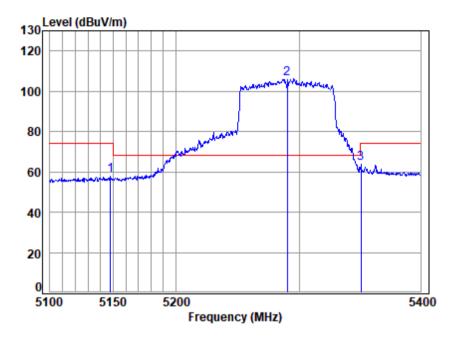


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 119 of 207

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



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5290 Band edge

· 56 Wi-Fi 11ac80

| | | : 56 | MT-LT | TIACO | 0 | | | | | |
|---|---|----------|-------|--------|--------|-------|--------|--------|--------|--------|
| | | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | _ | | | | | | | | | |
| | | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | | |
| 1 | | 5147.738 | 10.13 | 32.40 | 30.84 | 46.42 | 58.11 | 74.00 | -15.89 | Peak |
| 2 | p | 5290.000 | 10.28 | 32.68 | 30.78 | 94.16 | 106.34 | 68.20 | 38.14 | Peak |
| 3 | | 5350.535 | 10.45 | 32.80 | 30.76 | 51.66 | 64.15 | 74.00 | -9.85 | Peak |



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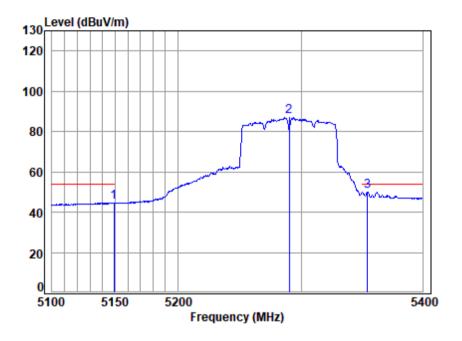


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 120 of 207

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



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5290 Band edge

: 5G Wi-Fi 11ac80

| | Freq | | | Preamp Factor | | | | | Remark |
|-----|----------|-------|-------|------------------|-------|--------|--------|-------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | ——dB | |
| 1 | 5149.209 | 10.14 | 32.40 | 30.84 | 33.32 | 45.02 | 54.00 | -8.98 | Average |
| 2 | 5290.000 | 10.28 | 32.68 | 30.78 | 75.15 | 87.33 | | | Average |
| 3 q | 5354.512 | 10.47 | 32.80 | 30.76 | 37.93 | 50.44 | 54.00 | -3.56 | Average |



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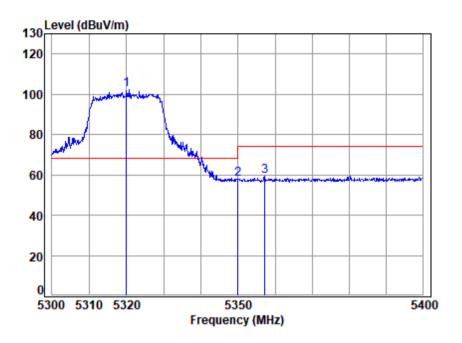


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 121 of 207

Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber

5357.271

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5320 Band edge

: 5G Wi-Fi 11ax20

10.47

32.80

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Limit Remark Freq Level Level Line dBuV dBuV/m dBuV/m MHz dB dB/m 1 p 5320.000 10.35 32.74 30.77 90.01 102.33 68.20 34.13 peak 5350.020 10.45 32.80 30.76 45.53 58.02 74.00 -15.98 peak

30.76 46.90 59.41



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74.00 -14.59 peak

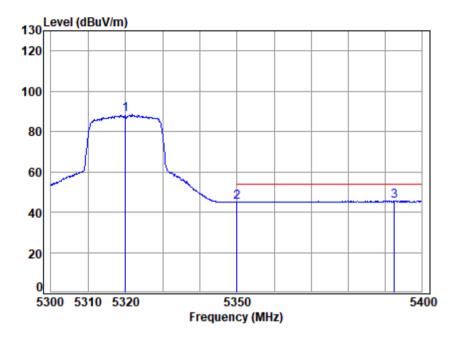


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL : 5320 Band edge Mode

: 5G Wi-Fi 11ax20

| | Freq | | | Preamp Factor | | | | | |
|-----|----------|-------|-------|------------------|-------|--------|--------|-------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5320.000 | 10.35 | 32.74 | 30.77 | 76.26 | 88.58 | | | Average |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 32.70 | 45.19 | 54.00 | -8.81 | Average |
| 3 q | 5392.536 | 10.59 | 32.80 | 30.74 | 33.03 | 45.68 | 54.00 | -8.32 | Average |



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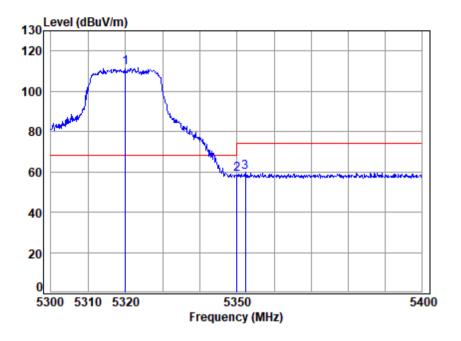


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL : 5320 Band edge Mode

: 5G Wi-Fi 11ax20

| Freq | | | Preamp Factor | | | | | |
|----------|-------|-------|------------------|-------|--------|--------|--------|------|
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 5320.000 | 10.35 | 32.74 | 30.77 | 99.59 | 111.91 | 68.20 | 43.71 | Peak |
| 5350.020 | 10.45 | 32.80 | 30.76 | 46.32 | 58.81 | 74.00 | -15.19 | Peak |

10.46 32.80 30.76 47.50 60.00 74.00 -14.00 Peak



1 p 2

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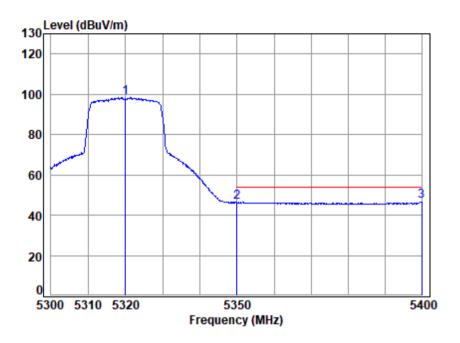


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5320 Band edge

: 5G Wi-Fi 11ax20

| | Freq | | | Preamp Factor | | | | | Remark |
|-----|----------|-------|-------|------------------|-------|--------|--------|-------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5320.000 | 10.35 | 32.74 | 30.77 | 86.27 | 98.59 | | | Average |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 33.94 | 46.43 | 54.00 | -7.57 | Average |
| 3 q | 5400.000 | 10.62 | 32.80 | 30.74 | 34.15 | 46.83 | 54.00 | -7.17 | Average |



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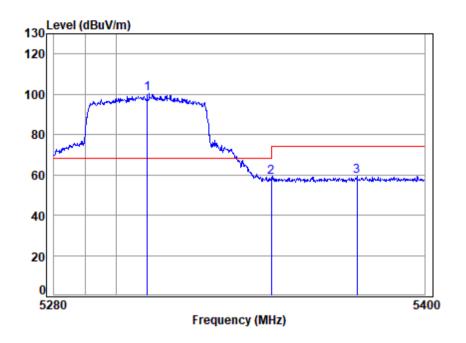


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5310 Band edge

· 56 Wi-Fi 11av40

| | . 50 | AAT IT | TTGV+ | 0 | | | | | |
|---|----------|--------|--------|--------|-------|--------|--------|--------|--------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| р | 5310.000 | 10.31 | 32.72 | 30.78 | 88.26 | 100.51 | 68.20 | 32.31 | peak |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 46.33 | 58.82 | 74.00 | -15.18 | peak |
| | 5377 959 | 10 55 | 32 80 | 30 75 | 46 95 | 59 55 | 74 99 | -14 45 | neak |



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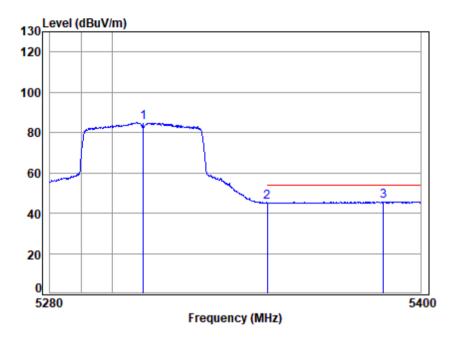


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 126 of 207

Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5310 Band edge

: 5G Wi-Fi 11ax40

| | Freq | | | Preamp Factor | | | | | Remark |
|---|------------|-------|-------|------------------|-------|--------|--------|-------|---------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5310.000 | 10.31 | 32.72 | 30.78 | 72.84 | 85.09 | | | Average |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 32.94 | 45.43 | 54.00 | -8.57 | Average |
| 3 | q 5387.878 | 10.58 | 32.80 | 30.74 | 33.09 | 45.73 | 54.00 | -8.27 | Average |



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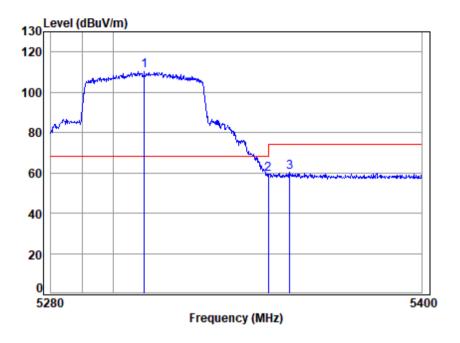


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5310 Band edge

· 56 Wi-Fi 11av40

| | Cable | | Preamp Factor | | | | | Remark |
|----------------------|-------|------|------------------|------|--------|--------|------|--------|
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | ——dB | |
| 5310.000 | | | | | | | | |
| 5350.020 5357.091 | | | | | | | | |



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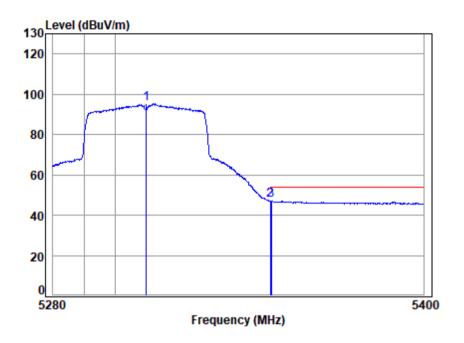


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Report No.: SZCR250500206204

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Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5310 Band edge

· 56 Wi-Fi 11av40

| | | | | Ant Preamp Read | | | | |
|----------------------|--|--|------|-----------------|--|--|------|--|
| | | | ——dB | | | | | |
| 5310.000 5350.020 | | | | | | | _ | |
| 5350.474 | | | | | | | _ | |



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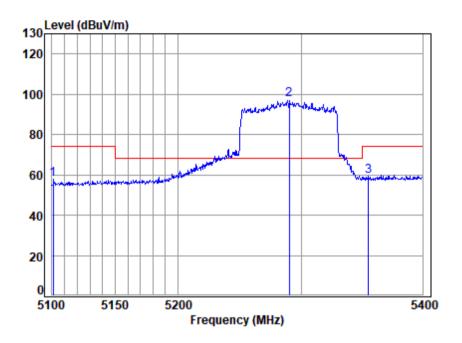


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5290 Band edge

: 5G Wi-Fi 11ax80

| | | | Cable | Ant | Preamp | Read | | Limit | 0ver | | |
|---|---|----------|-------|--------|--------|-------|--------|--------|--------|--------|---|
| | | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark | |
| | | | | | | | | | | | |
| | | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | | - |
| | | | | | | | | | | | |
| 1 | | 5101.166 | 9.95 | 32.30 | 30.86 | 46.63 | 58.02 | 74.00 | -15.98 | peak | |
| 2 | р | 5290.000 | 10.28 | 32.68 | 30.78 | 85.04 | 97.22 | 68.20 | 29.02 | peak | |
| 3 | | 5355.124 | 10.47 | 32.80 | 30.76 | 46.96 | 59.47 | 74.00 | -14.53 | peak | |
| | | | | | | | | | | | |



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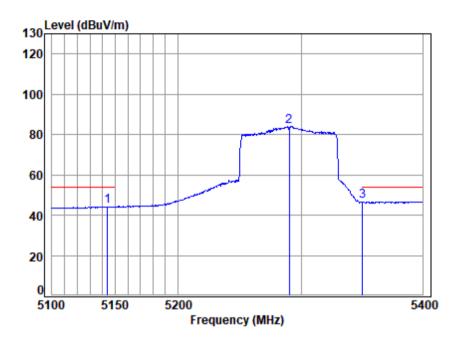


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5290 Band edge

: 5G Wi-Fi 11ax80

| | | | | _ | | | | | | |
|---|------------|-------|-------|------------------|-------|--------|--------|-------|---------|---|
| | Freq | | | Preamp Factor | | | | | Remark | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | ——dB | | - |
| | 5143.914 | | | | | | | | _ | |
| 2 | 5290.000 | 10.28 | 32.68 | 30.78 | 72.04 | 84.22 | | | Average | |
| 3 | q 5350.229 | 10.45 | 32.80 | 30.76 | 34.46 | 46.95 | 54.00 | -7.05 | Average | |



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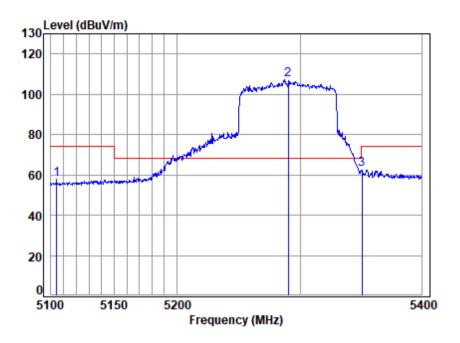


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5290 Band edge

· 56 Wi-Fi 11av80

| | Cable Ant Preamp Read Limit Ove | | | | | | | | |
|-----|---------------------------------|-------|--------|--------|-------|--------|--------|--------|--------|
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| - | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5104.375 | 9.97 | 32.31 | 30.86 | 46.38 | 57.80 | 74.00 | -16.20 | Peak |
| 2 p | 5290.000 | 10.28 | 32.68 | 30.78 | 95.31 | 107.49 | 68.20 | 39.29 | Peak |
| 3 | 5350.535 | 10.45 | 32.80 | 30.76 | 50.33 | 62.82 | 74.00 | -11.18 | Peak |



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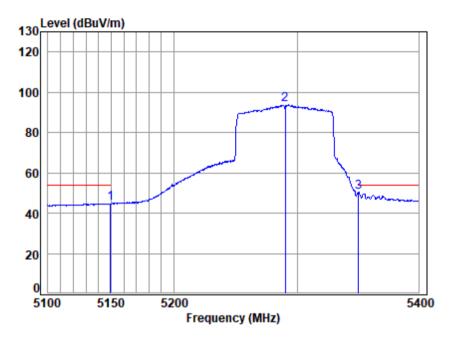


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Report No.: SZCR250500206204

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Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5290 Band edge

· 56 Wi-Fi 11av80

| | | Cable | | Preamp | Read Limit Level Level Line | | | | | |
|-----|------------|-------|-------|--------|--------------------------------|--------|--------|-------|---------|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | | _ |
| | 5149.503 | | | | | | | | _ | |
| 2 | 5290.000 | 10.28 | 32.68 | 30.78 | 81.81 | 93.99 | | | Average | |
| 3 (| 1 5350.229 | 10.45 | 32.80 | 30.76 | 38.13 | 50.62 | 54.00 | -3.38 | Average | |



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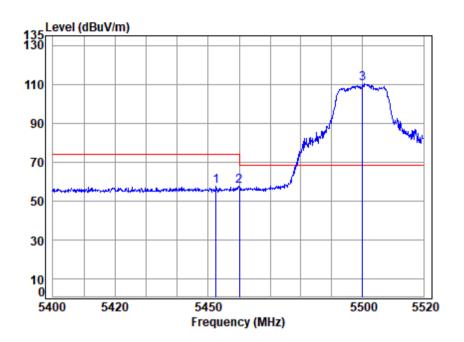


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5500 Band edge

· 56 Wi-Fi 11a

| | | AAT IT | 110 | | | | | | |
|---|------------|--------|--------|--------|-------|--------|--------|--------|--------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| | 5452.475 | 10.60 | 32.90 | 30.72 | 44.96 | 57.74 | 74.00 | -16.26 | peak |
|) | 5460.030 | 10.60 | 32.90 | 30.72 | 44.62 | 57.40 | 68.20 | -10.80 | peak |
| | n 5500 000 | 10 58 | 32 90 | 30 70 | 97 54 | 110 32 | 68 20 | 42 12 | neak |



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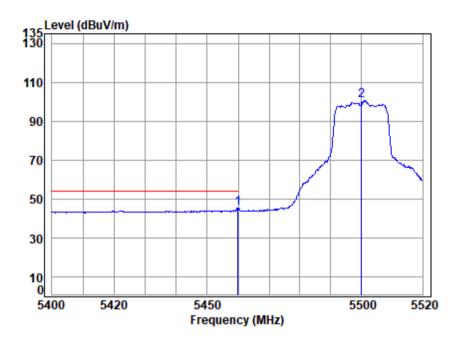


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Report No.: SZCR250500206204

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



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5500 Band edge

: 5G Wi-Fi 11a

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m 1 q 5459.910 10.60 32.90 30.72 32.64 45.42 54.00 -8.58 Average 5500.000 10.58 32.90 30.70 87.93 100.71 ----- Average



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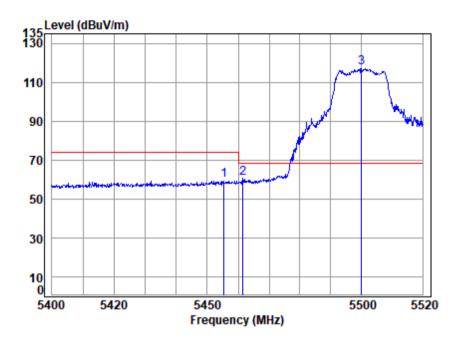


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Test Mode: 05; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5500 Band edge

· 56 Wi-Fi 11a

| | | AAT IT | 110 | | | | | | |
|---|------------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| | 5455.352 | 10.60 | 32.90 | 30.72 | 46.52 | 59.30 | 74.00 | -14.70 | Peak |
|) | 5461.591 | 10.60 | 32.90 | 30.72 | 47.90 | 60.68 | 68.20 | -7.52 | peak |
| | n 5500 000 | 10 58 | 32 90 | 30 70 | 104 63 | 117 41 | 68 20 | 49 21 | Peak |



1 2

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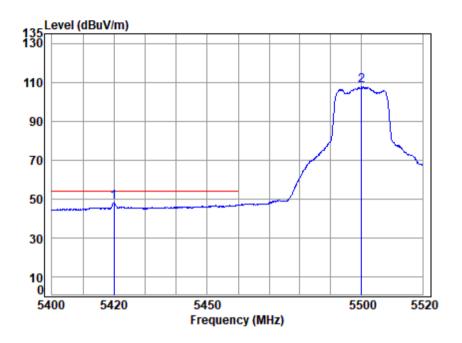


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Test Mode: 05; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL : 5500 Band edge Mode

: 5G Wi-Fi 11a

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Line Limit Remark Level Level dBuV dBuV/m dBuV/m MHz dB dB/m

1 q 5419.857 30.73 35.58 48.30 54.00 -5.70 Average 10.61 32.84 5500.000 10.58 32.90 30.70 95.38 108.16 ----- Average



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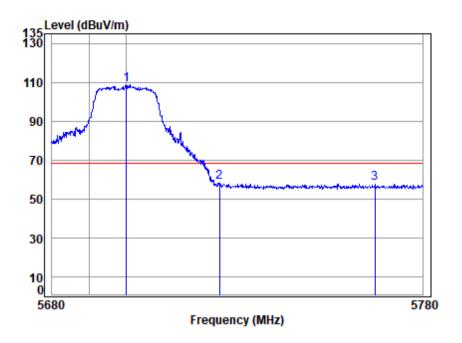


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Test Mode: 05; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5700 Band edge

: 5G Wi-Fi 11a

| | Freq | | | Preamp Factor | | | | | Remark |
|---|----------|-------|-------|------------------|-------|--------|--------|--------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| р | 5700.000 | 10.56 | 33.20 | 30.62 | 95.74 | 108.88 | 68.20 | 40.68 | peak |
| | 5725.000 | 10.68 | 33.25 | 30.61 | 45.15 | 58.47 | 68.20 | -9.73 | peak |
| | 5767.002 | 10.87 | 33.33 | 30.59 | 44.40 | 58.01 | 68.20 | -10.19 | peak |



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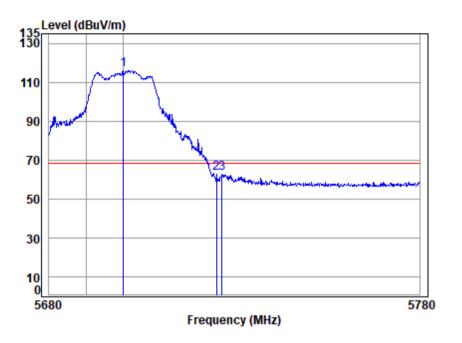


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Test Mode: 05; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5700 Band edge

· 56 Wi-Fi 11a

| | | MAT I T | 110 | | | | | | |
|---|----------|---------|--------|--------|--------|--------|--------|-------|--------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| р | 5700.000 | 10.56 | 33.20 | 30.62 | 103.24 | 116.38 | 68.20 | 48.18 | Peak |
| | 5725.000 | 10.68 | 33.25 | 30.61 | 49.68 | 63.00 | 68.20 | -5.20 | Peak |
| | 5726 483 | 10 68 | 33 25 | 30 61 | 49 68 | 63 00 | 68 20 | -5 20 | Peak |



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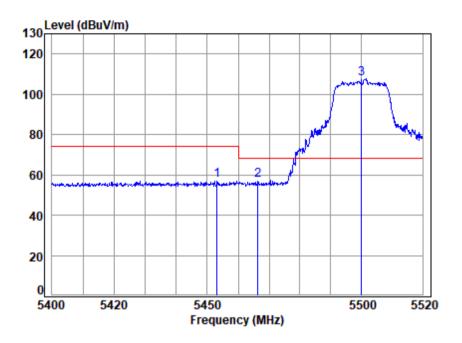


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Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5500 Band edge

: 5G Wi-Fi 11n20

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Line Limit Remark Level Level

dBuV dBuV/m dBuV/m MHz dB dB/m

5453.194 10.60 32.90 30.72 44.33 57.11 74.00 -16.89 peak 1 5466.395 10.59 32.90 30.71 44.52 57.30 68.20 -10.90 peak 3 p 5500.000 10.58 32.90 30.70 95.22 108.00 68.20 39.80 peak



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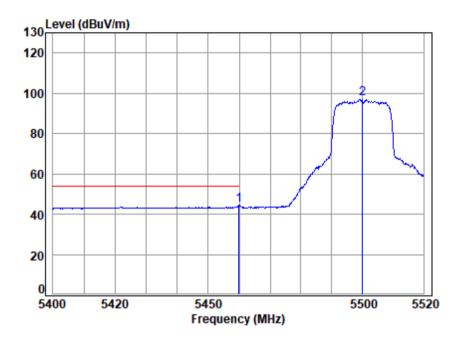


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Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5500 Band edge

: 5G Wi-Fi 11n20

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m

1 q 5459.910 10.60 32.90 30.72 31.58 44.36 54.00 -9.64 Average 5500.000 10.58 32.90 30.70 84.48 97.26 ----- Average



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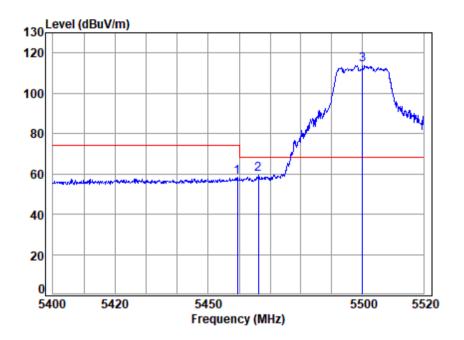


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Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5500 Band edge

: 5G Wi-Fi 11n20

10.58

| Freq | | | Preamp Factor | | | | | Remark |
|----------------------|----|------|------------------|------|--------|--------|----|--------|
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 5459.430 5466.154 | | | | | | | | |

32.90 30.70 101.23 114.01

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1

3 p 5500.000

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68.20

45.81 Peak

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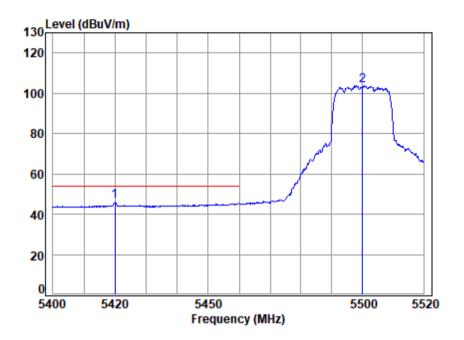


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Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5500 Band edge

: 5G Wi-Fi 11n20

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Level Level Line Limit Remark

dBuV dBuV/m dBuV/m MHz dB dB/m

1 q 5419.976 10.61 32.84 30.73 33.71 46.43 54.00 -7.57 Average 5500.000 10.58 32.90 30.70 91.18 103.96 ----- Average



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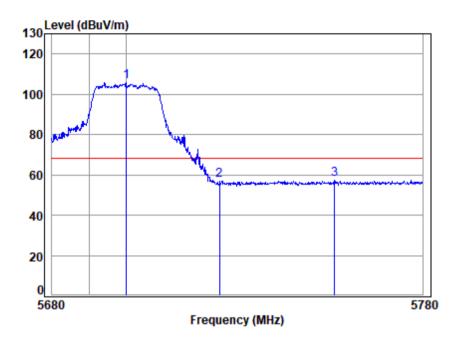


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Report No.: SZCR250500206204

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



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5700 Band edge

: 5G Wi-Fi 11n20

Cable Ant Preamp Read Limit 0ver

Loss Factor Factor Line Limit Remark Freq Level Level dBuV dBuV/m dBuV/m MHz dB dB/m

1 p 5700.000 10.56 92.99 106.13 68.20 37.93 peak 33.20 30.62 5725.000 10.68 33.25 30.61 43.94 57.26 68.20 -10.94 peak 5756.142 10.82 33.31 30.60 44.31 57.84 68.20 -10.36 peak



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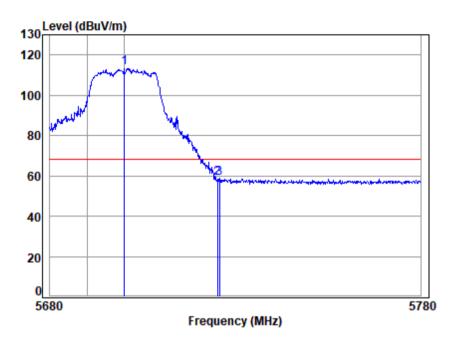


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Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



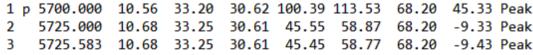
Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5700 Band edge

: 5G Wi-Fi 11n20

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Line Limit Remark Level Level dBuV dBuV/m dBuV/m MHz dB dB/m dB 10.56 33.20 30.62 100.39 113.53 68.20 45.33 Peak





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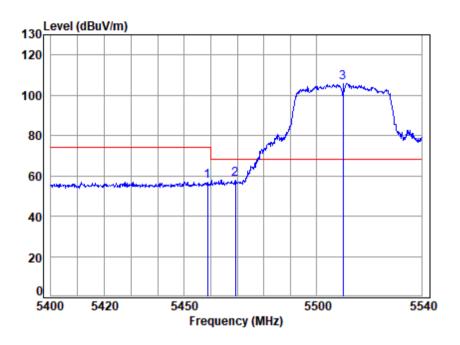


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Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5510 Band edge

: 5G Wi-Fi 11n40

| | Freq | | | Preamp Factor | | | | | Remark |
|-----|----------|-------|-------|------------------|-------|--------|--------|--------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5458.783 | 10.60 | 32.90 | 30.72 | 44.58 | 57.36 | 74.00 | -16.64 | peak |
| 2 | 5469.272 | 10.59 | 32.90 | 30.71 | 45.46 | 58.24 | 68.20 | -9.96 | peak |
| 3 p | 5510.000 | 10.56 | 32.90 | 30.70 | 93.28 | 106.04 | 68.20 | 37.84 | peak |



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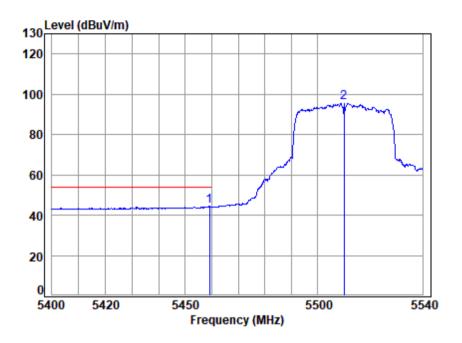


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Report No.: SZCR250500206204

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



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5510 Band edge

: 5G Wi-Fi 11n40

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m

1 q 5459.202 10.60 32.90 30.72 31.62 44.40 54.00 -9.60 Average 5510.000 10.56 32.90 30.70 82.94 95.70 ----- Average



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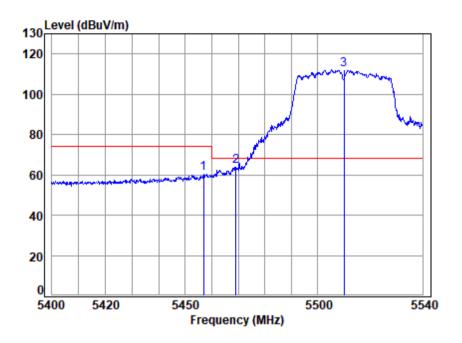


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Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5510 Band edge

: 5G Wi-Fi 11n40

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Line Limit Remark Level Level dBuV dBuV/m dBuV/m MHz dB dB/m

5456.827 10.60 32.90 30.72 47.96 60.74 74.00 -13.26 Peak 1 5468.992 10.59 32.90 30.71 51.24 64.02 68.20 -4.18 peak 3 p 5510.000 10.56 32.90 30.70 99.69 112.45 68.20 44.25 Peak



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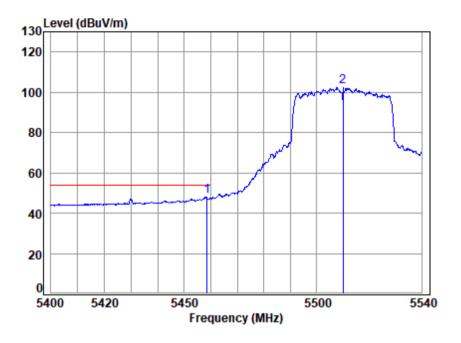


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Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5510 Band edge

: 5G Wi-Fi 11n40

Cable Ant Preamp Read Limit 0ver

Loss Factor Factor Level Level Line Limit Remark

dBuV dBuV/m dBuV/m MHz dB dB/m

1 q 5458.503 10.60 32.90 30.72 35.43 48.21 54.00 -5.79 Average 5510.000 10.56 32.90 30.70 89.84 102.60 ----- Average



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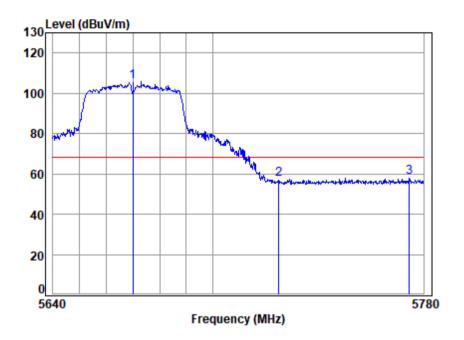


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Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5670 Band edge

: 5G Wi-Fi 11n40

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Line Limit Remark Freq Level Level dBuV dBuV/m dBuV/m MHz dB dB/m dB 92.94 105.97 68.20 37.77 peak 10.52 33.14 30.63



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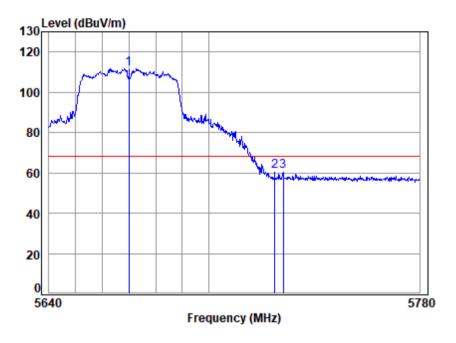


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Report No.: SZCR250500206204

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



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5670 Band edge

: 5G Wi-Fi 11n40

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Line Limit Remark Freq Level Level

dBuV dBuV/m dBuV/m MHz dB dB/m

1 p 5670.000 10.52 33.14 68.20 43.70 Peak 30.63 98.87 111.90 2 5725.000 10.68 33.25 30.61 47.24 60.56 68.20 -7.64 Peak 5728,221 10.69 33.26 30.61 47.22 60.56 68.20 -7.64 Peak



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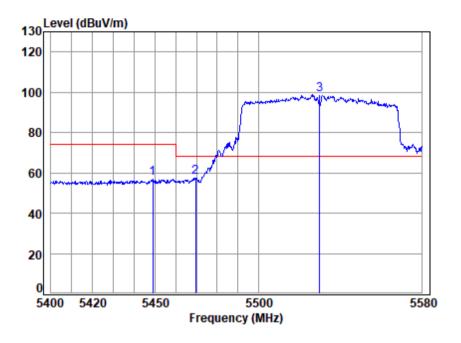


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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5530 Band edge

: 5G Wi-Fi 11ac80

| | Freq | | | Preamp Factor | | | | | Remark |
|---|------------|-------|-------|------------------|-------|--------|--------|--------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5448.913 | 10.60 | 32.90 | 30.72 | 44.46 | 57.24 | 74.00 | -16.76 | peak |
| 2 | 5469.499 | 10.59 | 32.90 | 30.71 | 44.97 | 57.75 | 68.20 | -10.45 | peak |
| 3 | p 5530.000 | 10.53 | 32.90 | 30.69 | 86.20 | 98.94 | 68.20 | 30.74 | peak |



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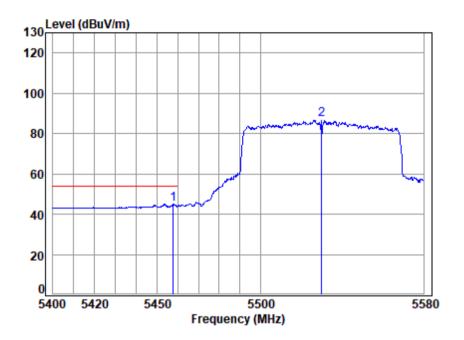


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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



: chamber Site

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5530 Band edge

: 5G Wi-Fi 11ac80

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m 1 q 5457.854 10.60 32.90 30.72 32.42 45.20 54.00 -8.80 Average

5530.000 10.53 32.90 30.69 74.02 86.76 ----- Average



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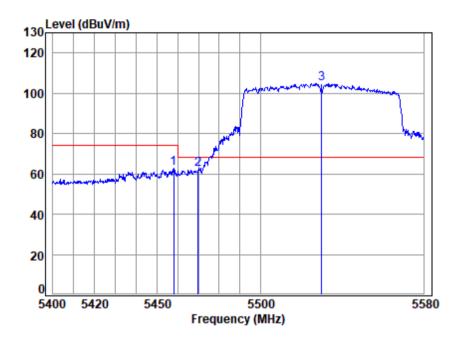


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Test Mode: 05; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5530 Band edge

· 56 Wi-Fi 11ac80

| | | : 56 | | TTaco | _ | | | | | |
|---|-------|---|-------|--------|--------|-------|---------|---------|--------|--------|
| | | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | | Frea | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | | |
| | | MII- | | | | | JD. 377 | JD. 377 | | |
| | | MHZ | ав | aB/m | dB | abuv | aBuv/m | aBuv/m | dB | |
| | | | | | | | | | | |
| 1 | 545 | 58.033 | 10.60 | 32.90 | 30.72 | 50.23 | 63.01 | 74.00 | -10.99 | Peak |
| 2 | 546 | 59 857 | 10 59 | 32 90 | 30.71 | 49 35 | 62 13 | 68 20 | -6 07 | neak |
| _ | 340 | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 10.55 | 32.30 | 30.71 | 40.00 | 02.13 | 00.20 | 0.07 | Peak |
| 3 | p 553 | 30.000 | 10.53 | 32.90 | 30.69 | 92.21 | 104.95 | 68.20 | 36.75 | Peak |



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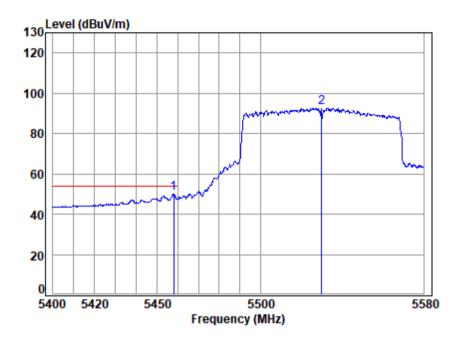


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Test Mode: 05; Polarity: Vertical: Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



: chamber Site

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5530 Band edge

: 5G Wi-Fi 11ac80

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m

1 q 5458.033 10.60 32.90 30.72 37.46 50.24 54.00 -3.76 Average 5530.000 10.53 32.90 30.69 80.17 92.91 ----- Average



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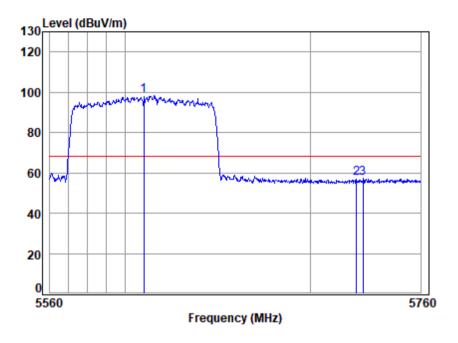


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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5610 Band edge

: 5G Wi-Fi 11ac80

| | Freq | | | Preamp Factor | | | | | Remark |
|-----|----------|-------|-------|------------------|-------|--------|--------|--------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 p | 5610.000 | 10.43 | 33.02 | 30.66 | 85.72 | 98.51 | 68.20 | 30.31 | peak |
| 2 | 5725.000 | 10.68 | 33.25 | 30.61 | 44.21 | 57.53 | 68.20 | -10.67 | peak |
| 3 | 5728.535 | 10.69 | 33.26 | 30.61 | 44.19 | 57.53 | 68.20 | -10.67 | peak |



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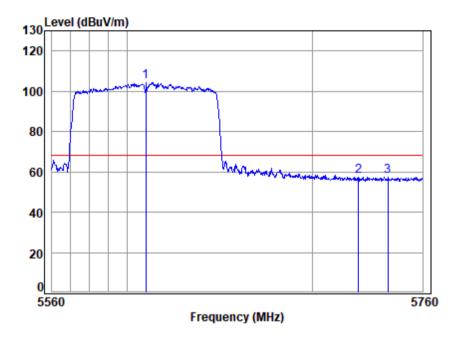


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Test Mode: 05; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5610 Band edge

· 56 Wi-Fi 11ac80

| : 50 | | Ant | o Preamp | Read | | Limit | 0ver | |
|--------------|--------|-------|-------------|-------|--------|--------|-------|--------|
| Freq | | | Factor | | | | | Remark |
| | | | | | | | | |
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 p 5610.000 | 10 /13 | 33 02 | 30 66 | 92 04 | 10/ 83 | 68 20 | 36 63 | Poak |
| 2 5725.000 | | | | | | | | |
| 3 5741.101 | | | | | | | | • |



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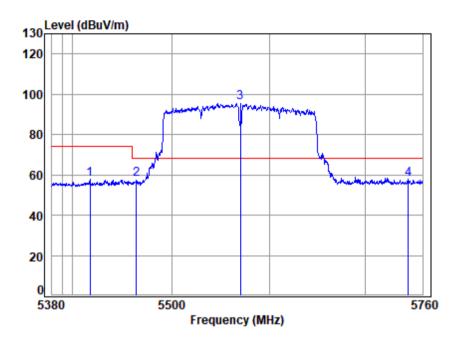


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Report No.: SZCR250500206204

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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:160MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5570 Band edge

: 5G Wi-Fi 11ac160

| | Freq | | | Preamp Factor | | | | | Remark |
|-----|----------------------|-------|-------|------------------|-------|--------|--------|--------|--------|
| - | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | 5417.953 | | | | | | | | • |
| 3 p | 5464.372 5570.000 | 10.46 | 32.94 | 30.67 | 82.92 | 95.65 | 68.20 | 27.45 | peak |
| 4 | 5744.689 | 10.77 | 33.29 | 30.60 | 44.46 | 57.92 | 68.20 | -10.28 | peak |



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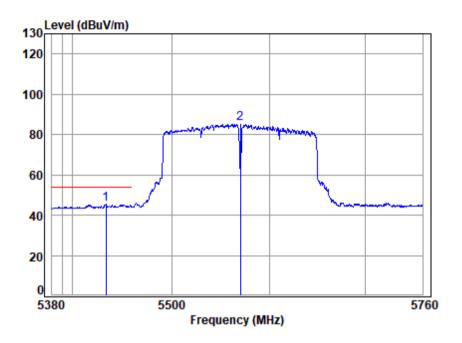


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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:160MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5570 Band edge

: 5G Wi-Fi 11ac160

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m

1 q 5433.876 10.61 32.87 45.53 54.00 -8.47 Average 30.73 32.78 5570.000 10.46 32.94 30.67 72.77 85.50 ----- Average



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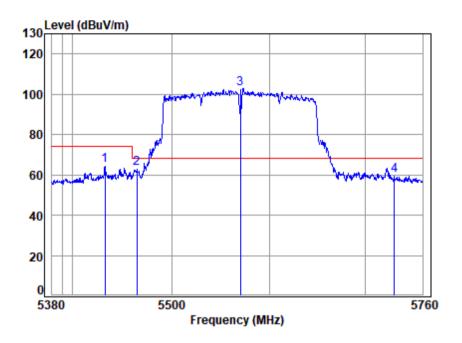


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Report No.: SZCR250500206204

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Test Mode: 05; Polarity: Vertical; Modulation:802.11ac; Bandwidth:160MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5570 Band edge

: 5G Wi-Fi 11ac160

| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
|-----|----------|-------|--------|--------|-------|--------|--------|-------|--------|
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| _ | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 5432.764 | 10.61 | 32.87 | 30.73 | 52.14 | 64.89 | 74.00 | -9.11 | peak |
| 2 | 5464.745 | 10.59 | 32.90 | 30.71 | 50.32 | 63.10 | 68.20 | -5.10 | peak |
| 3 p | 5570.000 | 10.46 | 32.94 | 30.67 | 90.30 | 103.03 | 68.20 | 34.83 | peak |
| 4 | 5730.201 | 10.70 | 33.26 | 30.61 | 46.43 | 59.78 | 68.20 | -8.42 | peak |



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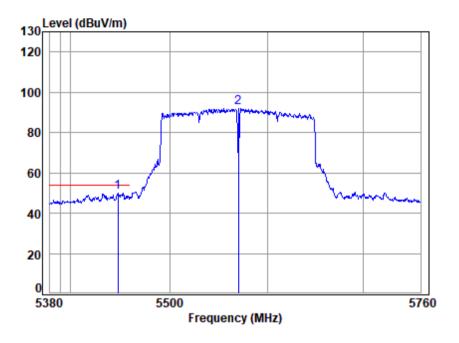


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 160 of 207

Test Mode: 05; Polarity: Vertical; Modulation:802.11ac; Bandwidth:160MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5570 Band edge

: 5G Wi-Fi 11ac160

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m

1 q 5447.987 30.72 37.48 50.26 54.00 -3.74 Average 10.60 32.90 5570.000 10.46 32.94 30.67 79.66 92.39 ----- Average

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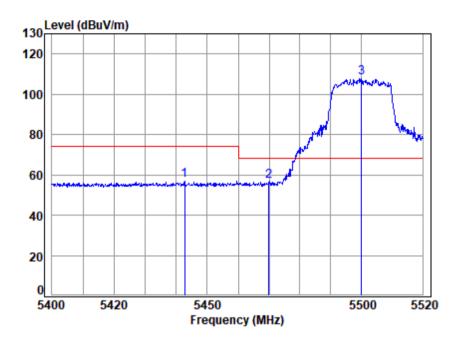


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 161 of 207

Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5500 Band edge

: 5G Wi-Fi 11ax20

| | | | | _ | | | | | |
|---|------------|-------|--------|--------|-------|--------|--------|--------|---------|
| | Гила | | | Preamp | | | | | Domanic |
| | Freq | LOSS | ractor | Factor | rever | rever | Line | LIMIC | Kemark |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 5442.657 | 10.60 | 32.89 | 30.72 | 44.57 | 57.34 | 74.00 | -16.66 | peak |
| 2 | 5469.880 | 10.59 | 32.90 | 30.71 | 43.86 | 56.64 | 68.20 | -11.56 | peak |
| 3 | p 5500.000 | 10.58 | 32.90 | 30.70 | 95.31 | 108.09 | 68.20 | 39.89 | peak |



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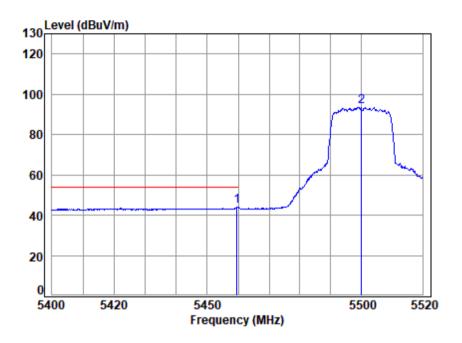


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 162 of 207

Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



: chamber Site

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5500 Band edge

: 5G Wi-Fi 11ax20

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m 1 q 5459.670 10.60 32.90 30.72 31.62 44.40 54.00 -9.60 Average

5500.000 10.58 32.90 30.70 81.12 93.90 ----- Average



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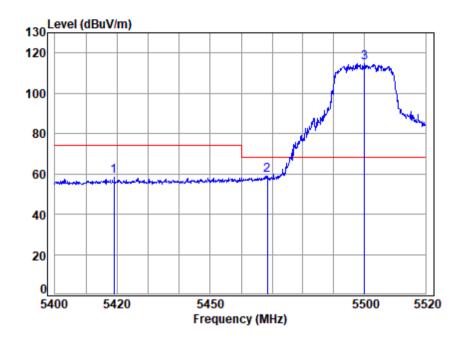


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 163 of 207

Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL : 5500 Band edge Mode

: 5G Wi-Fi 11ax20

| Freq | | | Preamp Factor | | | | | |
|----------------------|----|------|------------------|------|--------|--------|------|--|
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | ——dB | |
| 5419.023 5468.437 | | | | | | | | |

3 p 5500.000 10.58 32.90 30.70 102.19 114.97 68.20 46.77 Peak

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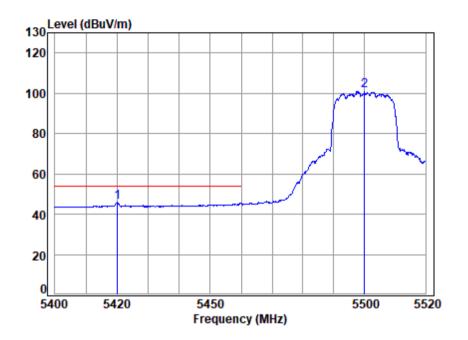


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 164 of 207

Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



: chamber Site

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5500 Band edge

: 5G Wi-Fi 11ax20

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Level Level Line Limit Remark

dBuV dBuV/m dBuV/m MHz dB dB/m

1 q 5420.095 10.61 32.84 30.73 33.33 46.05 54.00 -7.95 Average 5500.000 10.58 32.90 30.70 88.43 101.21 ----- Average



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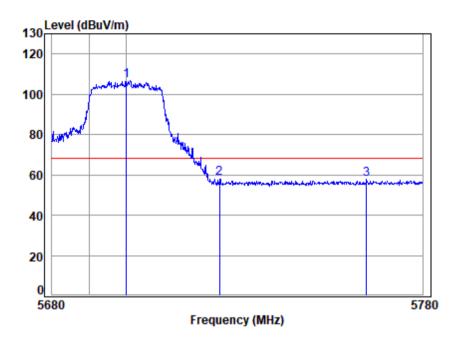


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5700 Band edge

: 5G Wi-Fi 11ax20

| | Freq | | | Preamp Factor | | | | | Remark |
|-----|----------|-------|-------|------------------|-------|--------|--------|--------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 p | 5700.000 | 10.56 | 33.20 | 30.62 | 93.80 | 106.94 | 68.20 | 38.74 | peak |
| 2 | 5725.000 | 10.68 | 33.25 | 30.61 | 44.80 | 58.12 | 68.20 | -10.08 | peak |
| 3 | 5764.788 | 10.86 | 33.33 | 30.59 | 44.40 | 58.00 | 68.20 | -10.20 | peak |



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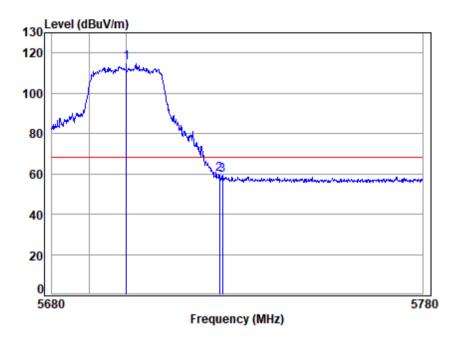


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5700 Band edge

· 56 Wi-Fi 11av20

| | . 50 | MTLIT | TTAXZ | | | | | | |
|---|------------|-------|--------|--------|--------|--------|--------|-------|--------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | р 5700.000 | 10.56 | 33.20 | 30.62 | 102.00 | 115.14 | 68.20 | 46.94 | Peak |
| 2 | 5725.000 | 10.68 | 33.25 | 30.61 | 46.57 | 59.89 | 68.20 | -8.31 | Peak |
| 3 | 5725 783 | 10 68 | 33 25 | 30 61 | 46 20 | 59 52 | 68 20 | -8 68 | Peak |



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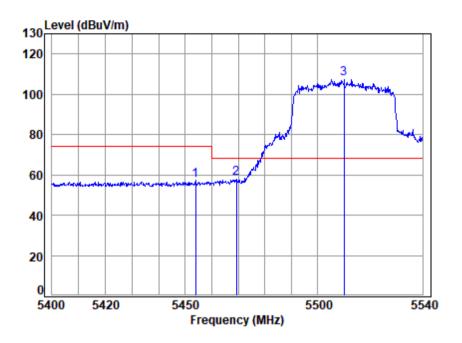


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5510 Band edge

: 5G Wi-Fi 11ax40

| | . 50 | Cable | Δnt | Preamp | Read | | limit | Over | |
|---|----------|-------|-------|--------|-------|--------|--------|--------|--------|
| | Freq | | | Factor | | | | | Remark |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5453.895 | 10.60 | 32.90 | 30.72 | 44.67 | 57.45 | 74.00 | -16.55 | peak |
| 2 | 5469.272 | 10.59 | 32.90 | 30.71 | 45.39 | 58.17 | 68.20 | -10.03 | peak |
| 3 | 5510.000 | 10.56 | 32.90 | 30.70 | 94.98 | 107.74 | 68.20 | 39.54 | peak |



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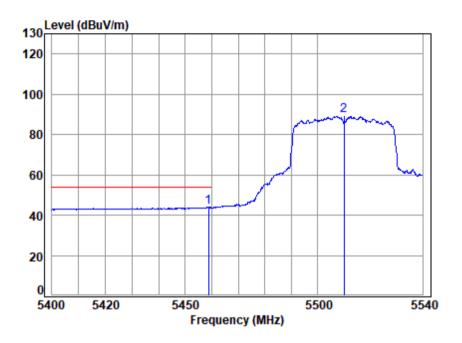


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 168 of 207

Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



: chamber Site

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5510 Band edge

: 5G Wi-Fi 11ax40

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m

1 q 5458.783 10.60 32.90 30.72 31.34 44.12 54.00 -9.88 Average 5510.000 10.56 32.90 30.70 76.56 89.32 ----- Average



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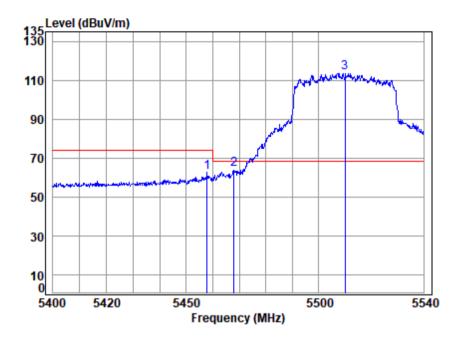


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL : 5510 Band edge Mode

| | | : 5G | | 11ax4 | _ | | | | | | |
|---|---|----------|-------|--------|--------|--------|--------|--------|--------|--------|--|
| | | | Cable | Ant | Preamp | Read | | Limit | 0ver | | |
| | | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark | |
| | | • | | | | | | | | | |
| | - | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | | |
| | | | 45 | u2/ | 45 | ubu. | abar, | ubur, | 45 | | |
| 4 | | F4F7 00F | 10 00 | 22.00 | 20.72 | FA 43 | C2 01 | 74.00 | 11 10 | DI- | |
| 1 | | 5457.805 | 10.00 | 32.90 | 30.72 | 50.03 | 62.81 | 74.00 | -11.19 | reak | |
| 2 | | 5467.873 | 10.59 | 32.90 | 30.71 | 51.25 | 64.03 | 68.20 | -4.17 | peak | |
| 3 | р | 5510.000 | 10.56 | 32.90 | 30.70 | 101.22 | 113.98 | 68.20 | 45.78 | Peak | |



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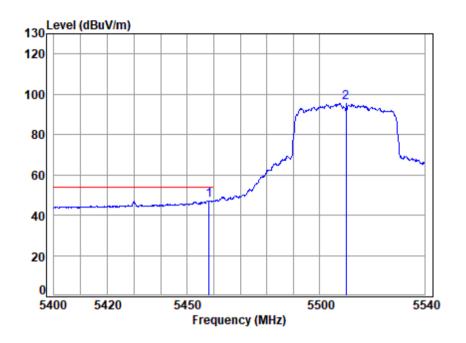


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5510 Band edge

: 5G Wi-Fi 11ax40

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m

1 q 5458.224 10.60 32.90 47.48 54.00 -6.52 Average 30.72 34.70 5510.000 10.56 32.90 30.70 83.14 95.90 ----- Average



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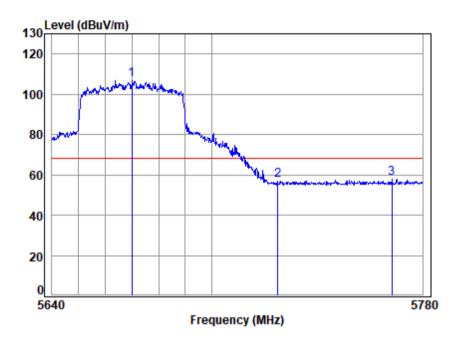


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5670 Band edge

: 5G Wi-Fi 11ax40

| | Freq | | | Preamp Factor | | | | | Remark |
|-----|----------|-------|-------|------------------|-------|--------|--------|--------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 p | 5670.000 | 10.52 | 33.14 | 30.63 | 93.99 | 107.02 | 68.20 | 38.82 | peak |
| 2 | 5725.000 | 10.68 | 33.25 | 30.61 | 43.82 | 57.14 | 68.20 | -11.06 | peak |
| 3 | 5768.249 | 10.87 | 33.34 | 30.59 | 44.58 | 58.20 | 68.20 | -10.00 | peak |



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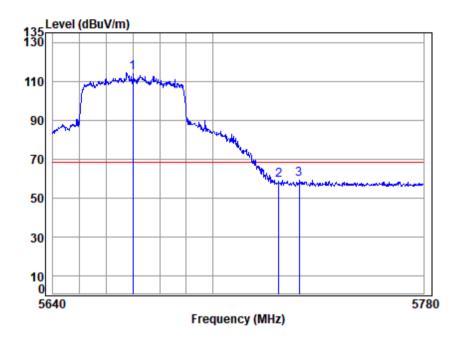


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Report No.: SZCR250500206204

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Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber

5732.717

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5670 Band edge

: 5G Wi-Fi 11ax40

10.71

33.27

| Fred | Cable Loss | | | | | Limit Line | | |
|----------------------------|---------------|------|----|------|--------|---------------|----|--|
| MH | z dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 p 5670.000 2 5725.000 | | | | | | | | |

30.61 45.94



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59.31

68.20

-8.89 Peak

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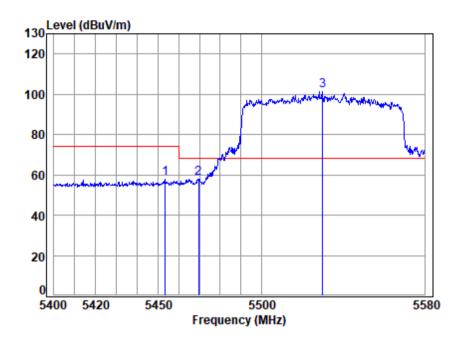


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5530 Band edge

· 56 Wi-Fi 11av80

| | | Cable | | Preamp Factor | | | | | Remark |
|-----|----------|-------|-------|------------------|-------|--------|--------|--------|--------|
| - | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5453.382 | 10.60 | 32.90 | 30.72 | 45.58 | 58.36 | 74.00 | -15.64 | peak |
| 2 | 5469.678 | 10.59 | 32.90 | 30.71 | 45.41 | 58.19 | 68.20 | -10.01 | peak |
| 3 n | 5530,000 | 10.53 | 32.90 | 30.69 | 89.04 | 101.78 | 68.20 | 33.58 | neak |



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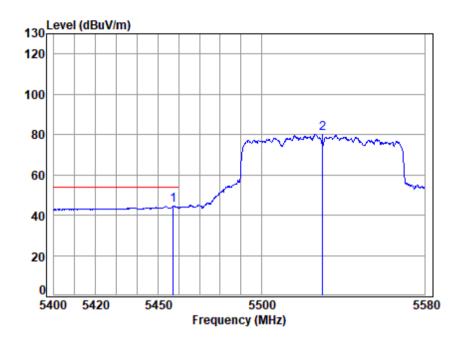


SZEMC-TRF-01 Rev. A/1

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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



: chamber Site

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5530 Band edge

: 5G Wi-Fi 11ax80

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m

1 q 5457.317 30.72 31.99 44.77 54.00 -9.23 Average 10.60 32.90 5530.000 10.53 32.90 30.69 67.77 80.51 ----- Average



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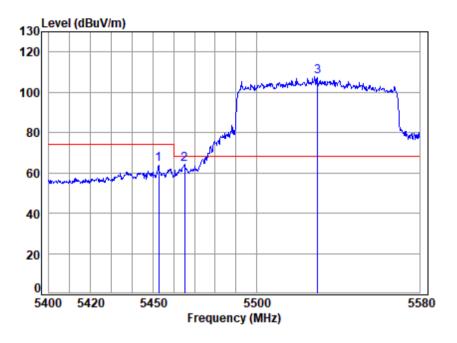


SZEMC-TRF-01 Rev. A/1

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Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL : 5530 Band edge Mode

: 5G Wi-Fi 11ax80

| | | *** | TTUNO | | | | | | |
|-----|------------|-------|--------|--------|-------|--------|--------|-------|--------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | / | | | , | | | |
| 1 | 5452.845 | 10 60 | 32 90 | 30 72 | 51 /0 | 6/ 18 | 7/ 00 | _9 82 | Poak |
| _ | 3432.043 | 10.00 | 32.30 | 30.72 | 31.40 | 04.10 | 74.00 | -5.02 | I Cak |
| 2 | 5465.196 | 10.59 | 32.90 | 30.71 | 51.66 | 64.44 | 68.20 | -3.76 | peak |
| 3 1 | p 5530.000 | 10.53 | 32.90 | 30.69 | 95.19 | 107.93 | 68.20 | 39.73 | Peak |
| _ | | | | | | | | | |



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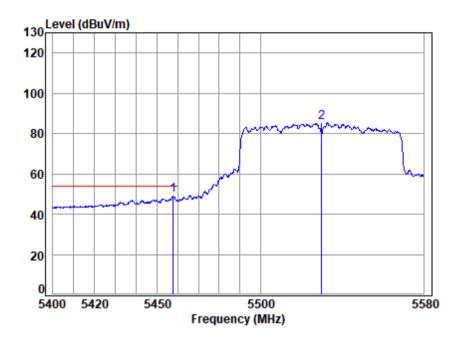


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Report No.: SZCR250500206204

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Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



: chamber Site

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5530 Band edge

: 5G Wi-Fi 11ax80

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB dB/m

1 q 5457.675 10.60 32.90 30.72 36.56 49.34 54.00 -4.66 Average 5530.000 10.53 32.90 30.69 72.99 85.73 ----- Average



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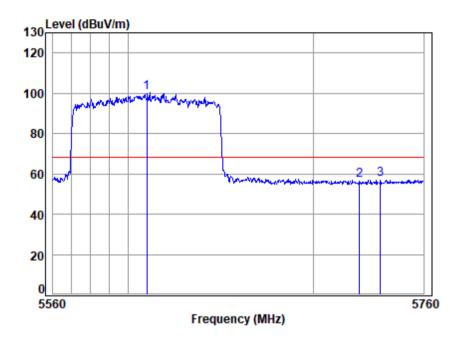


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Report No.: SZCR250500206204

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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High



Site : chamber

5736.436

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5610 Band edge

: 5G Wi-Fi 11ax80

10.73

33.27

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Line Limit Remark Freq Level Level dBuV dBuV/m dBuV/m MHz dB dB/m dB 1 p 5610.000 68.20 32.37 peak 10.43 33.02 30.66 87.78 100.57 5725.000 10.68 33.25 30.61 43.64 56.96 68.20 -11.24 peak



2

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30.61 43.75 57.14 68.20 -11.06 peak

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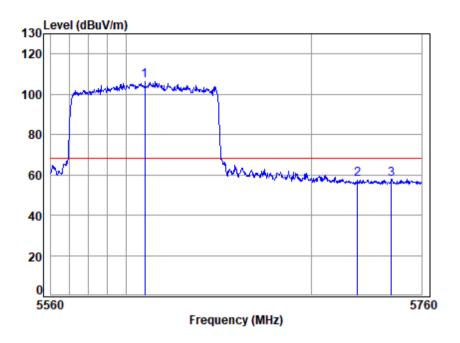


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5610 Band edge

: 5G Wi-Fi 11ax80

| | . 50 | *** | TTUNO | | | | | | |
|---|-----------|-------|--------|--------|-------|--------|--------|-------|--------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| р | 5610.000 | 10.43 | 33.02 | 30.66 | 93.89 | 106.68 | 68.20 | 38.48 | Peak |
| • | 5725.000 | | | | | | | | |
| | 57/13 333 | | | | | | | | • |



1 2

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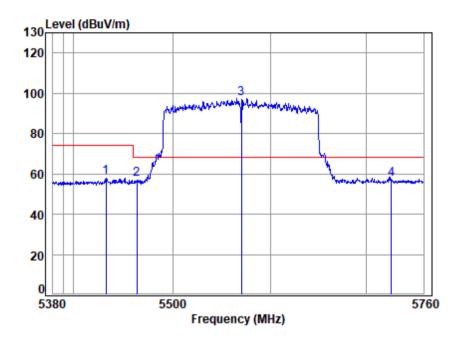


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Report No.: SZCR250500206204

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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5570 Band edge

: 5G Wi-Fi 11ax160

| | Freq | | | Preamp Factor | | | | | Remark |
|-----|----------|-------|-------|------------------|-------|--------|--------|--------|--------|
| - | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | 5432.764 | | | | | | | | • |
| 2 | 5463.626 | 10.59 | 32.90 | 30.71 | 44.50 | 57.28 | 68.20 | -10.92 | peak |
| 3 p | 5570.000 | 10.46 | 32.94 | 30.67 | 84.78 | 97.51 | 68.20 | 29.31 | peak |
| 4 | 5725.900 | 10.68 | 33.25 | 30.61 | 44.11 | 57.43 | 68.20 | -10.77 | peak |



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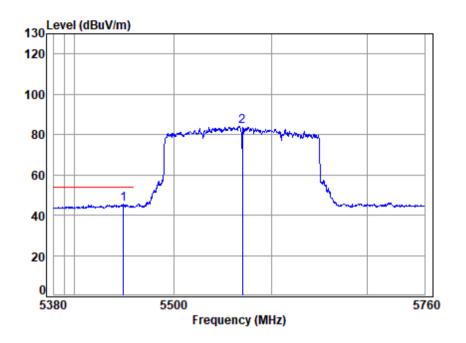


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:Low



: chamber Site

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5570 Band edge

: 5G Wi-Fi 11ax160

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Line Limit Remark Level Level dBuV dBuV/m dBuV/m MHz dB dB/m

1 q 5449.103 30.72 32.91 45.69 54.00 -8.31 Average 10.60 32.90 5570.000 10.46 32.94 30.67 71.39 84.12 ----- Average



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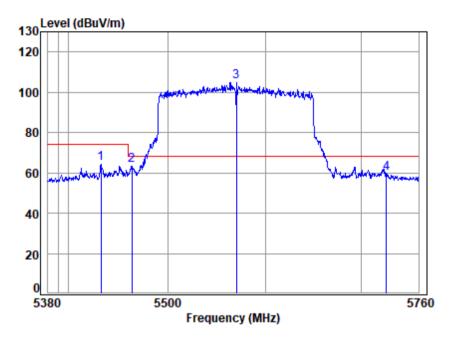


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Report No.: SZCR250500206204

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Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5570 Band edge

: 5G Wi-Fi 11ax160

| | Freq | | | Preamp Factor | | | | | Remark |
|-----|----------------------|-------|-------|------------------|-------|--------|--------|-------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | 5432.764 5463.626 | | | | | | | | • |
| 3 p | 5570.000 5725.900 | 10.46 | 32.94 | 30.67 | 92.31 | 105.04 | 68.20 | 36.84 | peak |



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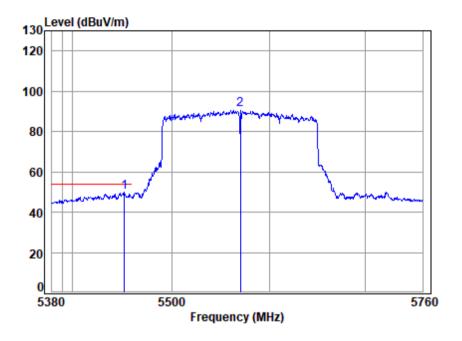


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Report No.: SZCR250500206204

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Test Mode: 05; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5570 Band edge

: 5G Wi-Fi 11ax160

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Line Limit Remark Level Level dBuV dBuV/m dBuV/m MHz dB dB/m

1 q 5452.451 10.60 32.90 50.12 54.00 -3.88 Average 30.72 37.34 5570.000 10.46 32.94 30.67 78.11 90.84 ----- Average

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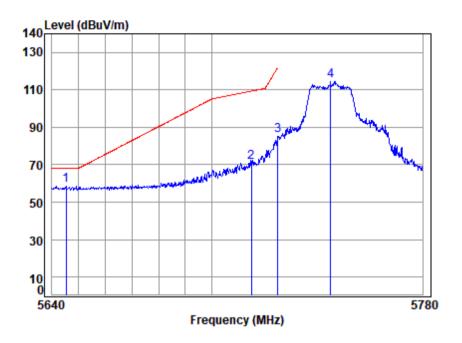


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 183 of 207

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

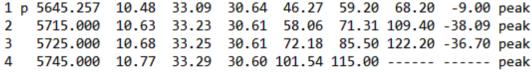


Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5745 Band edge

: 5.8G Wi-Fi 11a

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Line Limit Remark Level Level dBuV dBuV/m dBuV/m MHz dB dB/m 10.48 33.09 30.64 46.27 59.20 68.20 -9.00 peak





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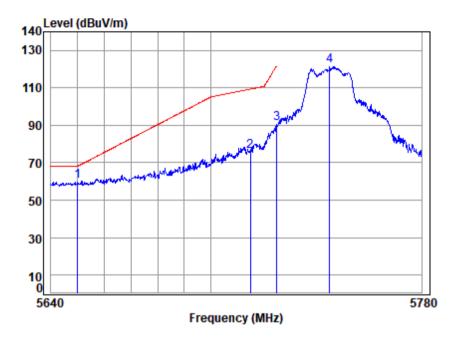


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5745 Band edge

: 5.8G Wi-Fi 11a

| | Cable | | Preamp Factor | | | | | |
|----------------------------------|-------|-------|------------------|-------|--------|--------|--------|------|
| MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 5649.966 5715.000 5725.000 | 10.63 | 33.23 | 30.61 | 62.84 | 76.09 | 109.40 | -33.31 | peak |

5745.000 10.77 33.29 30.60 108.37 121.83 ----- peak



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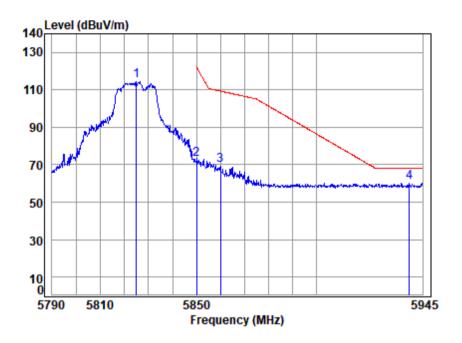


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5825 Band edge

: 5.8G Wi-Fi 11a

| | | Cable | Ant | Preamp | Read | | Limit | 0ver | | |
|-----|----------|-------|--------|--------|--------|--------|--------|--------|--------|--|
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | | |
| 1 | 5825.000 | 10.99 | 33.50 | 30.57 | 100.82 | 114.74 | | | peak | |
| 2 | 5850.000 | 10.95 | 33.60 | 30.56 | 58.93 | 72.92 | 122.20 | -49.28 | peak | |
| 3 | 5860.000 | 10.94 | 33.58 | 30.56 | 55.68 | 69.64 | 109.40 | -39.76 | peak | |
| 4 r | 5939.349 | 10.86 | 33.58 | 30.52 | 46.63 | 60.55 | 68.20 | -7.65 | peak | |



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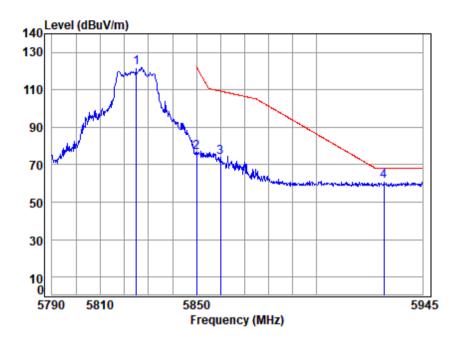


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5825 Band edge

· 5 8G Wi-Fi 11a

| | | DG WI | 1 1 1 1 1 0 | | | | | | |
|-----|----------|-------|-------------|--------|--------|--------|--------|--------|--------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| _ | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 5825.000 | 10.99 | 33.50 | 30.57 | 108.15 | 122.07 | | | peak |
| 2 | 5850.000 | 10.95 | 33.60 | 30.56 | 62.51 | 76.50 | 122.20 | -45.70 | peak |
| 3 | 5860.000 | 10.94 | 33.58 | 30.56 | 60.25 | 74.21 | 109.40 | -35.19 | peak |
| 4 n | 5928 688 | 10 87 | 33 56 | 30 53 | 47 16 | 61 06 | 68 20 | -7 1/ | neak |



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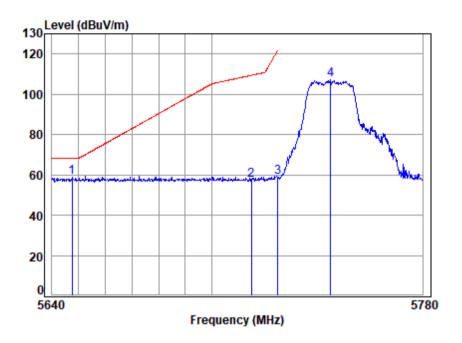


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5745 Band edge

: 5.8G Wi-Fi 11n20

| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
|-----|----------|-------|--------|--------|-------|--------|--------|--------|--------|
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 p | 5647.473 | 10.48 | 33.09 | 30.64 | 45.93 | 58.86 | 68.20 | -9.34 | peak |
| 2 | 5715.000 | 10.63 | 33.23 | 30.61 | 44.21 | 57.46 | 109.40 | -51.94 | peak |
| 3 | 5725.000 | 10.68 | 33.25 | 30.61 | 45.64 | 58.96 | 122.20 | -63.24 | peak |
| 4 | 5745.000 | 10.77 | 33.29 | 30.60 | 93.81 | 107.27 | | | peak |



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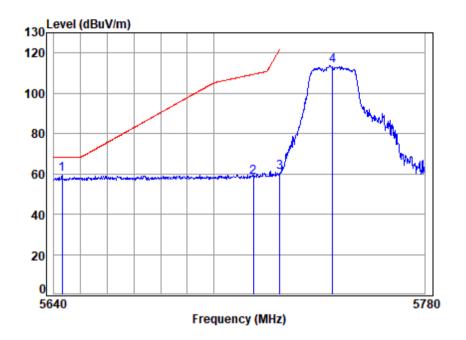


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5745 Band edge

· 5 8G Wi-Fi 11n20

| | . 5.0 | PG MT- | LT TIU | 20 | | | | | |
|-----|----------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 p | 5643.043 | 10.47 | 33.09 | 30.64 | 46.78 | 59.70 | 68.20 | -8.50 | peak |
| 2 | 5715.000 | 10.63 | 33.23 | 30.61 | 45.26 | 58.51 | 109.40 | -50.89 | peak |
| 3 | 5725.000 | 10.68 | 33.25 | 30.61 | 47.47 | 60.79 | 122.20 | -61.41 | peak |
| 4 | 5745.000 | 10.77 | 33.29 | 30.60 | 100.47 | 113.93 | | | peak |



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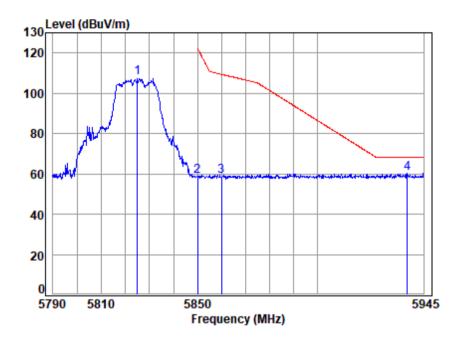


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5825 Band edge

: 5.8G Wi-Fi 11n20

| | Freq | | | Preamp Factor | | | | | Remark |
|-----|----------|-------|-------|------------------|-------|--------|--------|--------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5825.000 | 10.99 | 33.50 | 30.57 | 93.65 | 107.57 | | | peak |
| 2 | 5850.000 | 10.95 | 33.60 | 30.56 | 45.08 | 59.07 | 122.20 | -63.13 | peak |
| 3 | 5860.000 | 10.94 | 33.58 | 30.56 | 44.89 | 58.85 | 109.40 | -50.55 | peak |
| 4 r | 5938.094 | 10.86 | 33.58 | 30.52 | 46.61 | 60.53 | 68.20 | -7.67 | peak |



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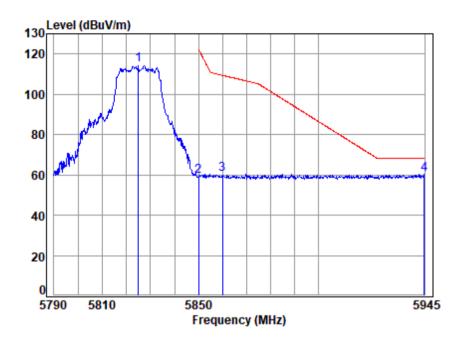


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5825 Band edge

· 5 8G Wi-Fi 11n20

| | |).0G MT- | LT TIU | 20 | | | | | |
|---|-----------|----------|--------|--------|--------|--------|--------|--------|--------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Fre | q Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MH | z dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | • | | |
| 1 | 5825.00 | 0 10.99 | 33.50 | 30.57 | 100.62 | 114.54 | | | peak |
| 2 | 5850.00 | 0 10.95 | 33.60 | 30.56 | 45.47 | 59.46 | 122.20 | -62.74 | peak |
| 3 | 5860.00 | 0 10.94 | 33.58 | 30.56 | 46.40 | 60.36 | 109.40 | -49.04 | peak |
| 4 | n 5944.84 | 3 10.85 | 33.59 | 30.52 | 46.48 | 60.40 | 68.20 | -7.80 | neak |



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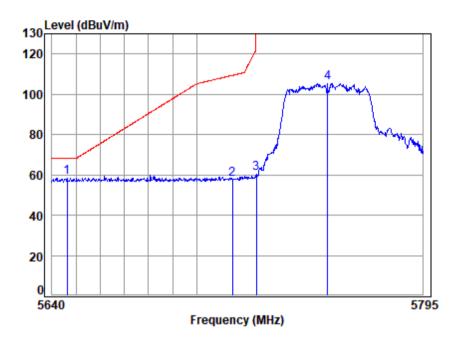


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL : 5755 Band edge Mode

: 5.8G Wi-Fi 11n40

| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
|-----|----------|-------|--------|--------|-------|--------|--------|--------|--------|
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 p | 5646.273 | 10.48 | 33.09 | 30.64 | 45.73 | 58.66 | 68.20 | -9.54 | peak |
| 2 | 5715.000 | 10.63 | 33.23 | 30.61 | 44.67 | 57.92 | 109.40 | -51.48 | peak |
| 3 | 5725.000 | 10.68 | 33.25 | 30.61 | 47.25 | 60.57 | 122.20 | -61.63 | peak |
| 4 | 5755.000 | 10.81 | 33.31 | 30.60 | 92.17 | 105.69 | | | neak |



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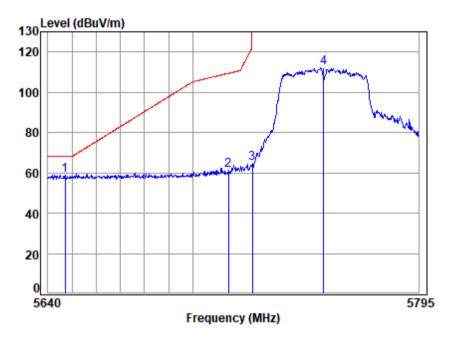


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5755 Band edge

: 5.8G Wi-Fi 11n40

| | Erea | | | Preamp Factor | | | | | Romank |
|-----|----------|-------|-------|------------------|-------|--------|--------|--------|-----------|
| | | | | | | | | | Kelliai K |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 p | 5647.038 | 10.48 | 33.09 | 30.64 | 46.05 | 58.98 | 68.20 | -9.22 | peak |
| | 5715.000 | | | | | | | | • |
| 3 | 5725.000 | 10.68 | 33.25 | 30.61 | 51.62 | 64.94 | 122.20 | -57.26 | peak |
| 4 | 5755.000 | 10.81 | 33.31 | 30.60 | 98.64 | 112.16 | | | peak |



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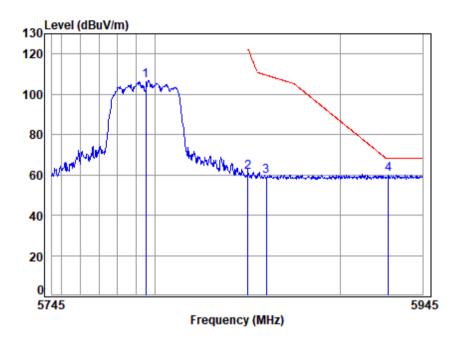


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 193 of 207

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



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5795 Band edge

: 5.8G Wi-Fi 11n40

| | | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
|---|---|----------|-------|--------|--------|-------|--------|--------|--------|--------|
| | | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | | |
| | | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | | |
| 1 | | 5795.000 | 11.00 | 33.39 | 30.58 | 93.02 | 106.83 | | | peak |
| 2 | | 5850.000 | 10.95 | 33.60 | 30.56 | 47.07 | 61.06 | 122.20 | -61.14 | peak |
| 3 | | 5860.000 | 10.94 | 33.58 | 30.56 | 45.16 | 59.12 | 109.40 | -50.28 | peak |
| 4 | p | 5926.313 | 10.87 | 33.55 | 30.53 | 46.25 | 60.14 | 68.20 | -8.06 | peak |



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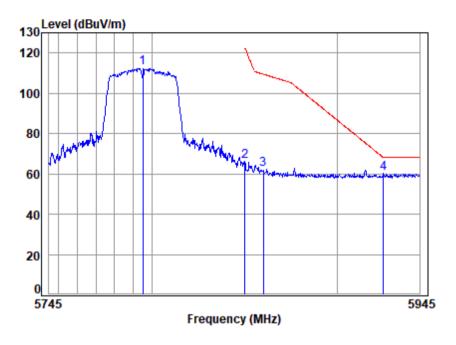


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 194 of 207

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



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5795 Band edge

: 5.8G Wi-Fi 11n40

| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
|---|------------|-------|--------|--------|-------|--------|--------|--------|--------|
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 5795.000 | 11.00 | 33.39 | 30.58 | 98.82 | 112.63 | | | peak |
| 2 | 5850.000 | 10.95 | 33.60 | 30.56 | 52.42 | 66.41 | 122.20 | -55.79 | peak |
| 3 | 5860.000 | 10.94 | 33.58 | 30.56 | 48.31 | 62.27 | 109.40 | -47.13 | peak |
| 4 | p 5925.299 | 10.87 | 33.55 | 30.53 | 46.66 | 60.55 | 68.20 | -7.65 | peak |



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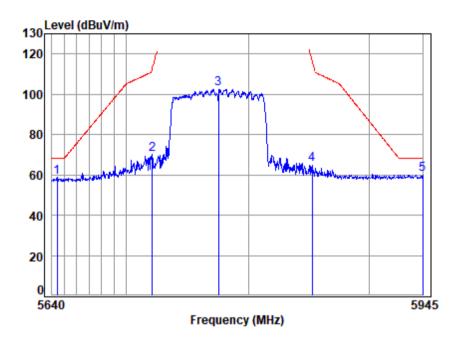


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5775 Band edge

: 5.8G Wi-Fi 11ac80

| | Freq | | | Preamp Factor | | | | | Remark |
|-----|----------|-------|-------|------------------|-------|--------|--------|--------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5644.160 | 10.48 | 33.09 | 30.64 | 45.85 | 58.78 | 68.20 | -9.42 | Peak |
| 2 | 5721.075 | 10.66 | 33.24 | 30.61 | 56.93 | 70.22 | 113.25 | -43.03 | peak |
| 3 | 5775.000 | 10.91 | 33.35 | 30.59 | 89.05 | 102.72 | | | peak |
| 4 | 5852.424 | 10.95 | 33.60 | 30.56 | 51.17 | 65.16 | 116.67 | -51.51 | peak |
| 5 p | 5945.000 | 10.85 | 33.59 | 30.52 | 46.15 | 60.07 | 68.20 | -8.13 | peak |



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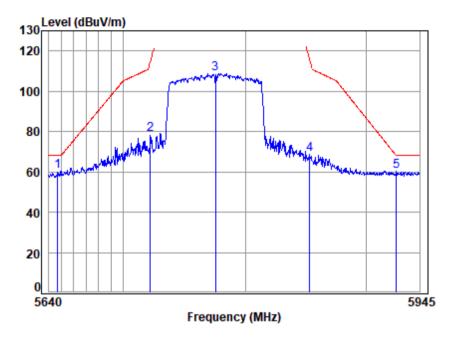


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Report No.: SZCR250500206204

Page: 196 of 207

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



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5775 Band edge

: 5.8G Wi-Fi 11ac80

| | Freq | | | Preamp Factor | | | | | Remark |
|-----|----------|-------|-------|------------------|-------|--------|--------|--------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5646.836 | 10.48 | 33.09 | 30.64 | 47.48 | 60.41 | 68.20 | -7.79 | Peak |
| 2 | 5721.677 | 10.66 | 33.24 | 30.61 | 65.24 | 78.53 | 114.62 | -36.09 | peak |
| 3 | 5775.000 | 10.91 | 33.35 | 30.59 | 95.30 | 108.97 | | | peak |
| 4 | 5853.041 | 10.95 | 33.59 | 30.56 | 54.81 | 68.79 | 115.27 | -46.48 | peak |
| 5 p | 5925.307 | 10.87 | 33.55 | 30.53 | 46.64 | 60.53 | 68.20 | -7.67 | peak |



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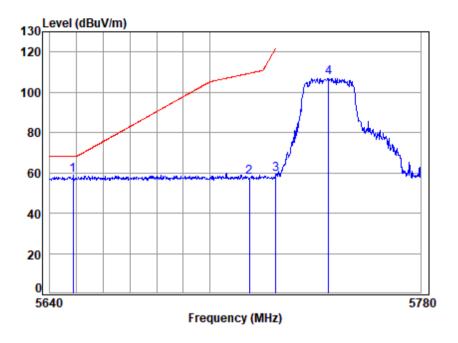


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 06; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5745 Band edge

: 5.8G Wi-Fi 11ax20

| | | 0G WI | 1 114/ | 120 | | | | | |
|-----|----------|-------|--------|--------|-------|--------|--------|--------|--------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 p | 5648.719 | 10.48 | 33.10 | 30.64 | 46.07 | 59.01 | 68.20 | -9.19 | peak |
| 2 | 5715.000 | 10.63 | 33.23 | 30.61 | 44.63 | 57.88 | 109.40 | -51.52 | peak |
| 3 | 5725.000 | 10.68 | 33.25 | 30.61 | 46.17 | 59.49 | 122.20 | -62.71 | peak |
| 4 | 5745.000 | 10.77 | 33.29 | 30.60 | 93.89 | 107.35 | | | peak |



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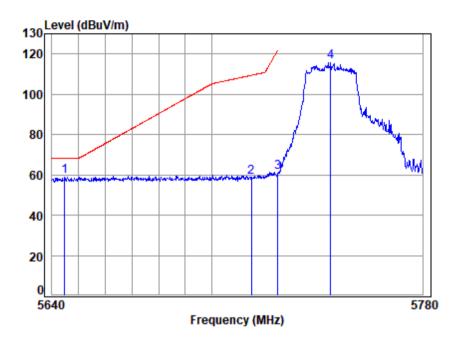


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 198 of 207

Test Mode: 06; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5745 Band edge

: 5.8G Wi-Fi 11ax20

| | Freq | | Ant Factor | | | | | | Remark |
|-----|----------|-------|---------------|-------|--------|--------|--------|--------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 p | 5644.842 | 10.48 | 33.09 | 30.64 | 46.27 | 59.20 | 68.20 | -9.00 | peak |
| 2 | 5715.000 | 10.63 | 33.23 | 30.61 | 45.77 | 59.02 | 109.40 | -50.38 | peak |
| 3 | 5725.000 | 10.68 | 33.25 | 30.61 | 48.21 | 61.53 | 122.20 | -60.67 | peak |
| 4 | 5745.000 | 10.77 | 33.29 | 30.60 | 102.65 | 116.11 | | | peak |



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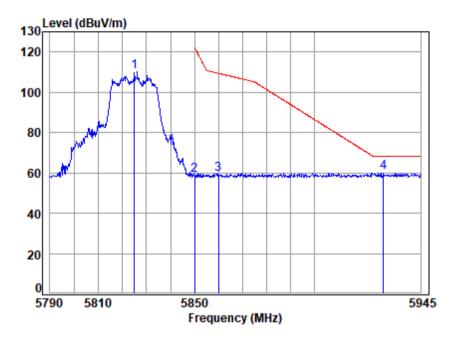


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Report No.: SZCR250500206204

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Test Mode: 06; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL : 5825 Band edge Mode

: 5.8G Wi-Fi 11ax20

| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
|-----|----------|-------|--------|--------|-------|--------|--------|--------|--------|
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 5825.000 | 10.99 | 33.50 | 30.57 | 96.51 | 110.43 | | | peak |
| 2 | 5850.000 | 10.95 | 33.60 | 30.56 | 44.69 | 58.68 | 122.20 | -63.52 | peak |
| 3 | 5860.000 | 10.94 | 33.58 | 30.56 | 45.27 | 59.23 | 109.40 | -50.17 | peak |
| 4 r | 5929.315 | 10.87 | 33.56 | 30.53 | 46.33 | 60.23 | 68.20 | -7.97 | peak |



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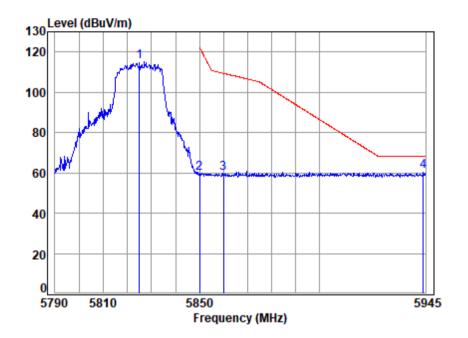


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 06; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5825 Band edge

· 5 8G Wi-Fi 11av20

| | : 5.0 | og MT- | LI IIa | XZO | | | | | | |
|---|------------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark | |
| | | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | | |
| | | | | | | | | | | |
| 1 | 5825.000 | 10.99 | 33.50 | 30.57 | 101.32 | 115.24 | | | peak | |
| 2 | 5850.000 | 10.95 | 33.60 | 30.56 | 45.97 | 59.96 | 122.20 | -62.24 | peak | |
| 3 | 5860.000 | 10.94 | 33.58 | 30.56 | 45.75 | 59.71 | 109.40 | -49.69 | peak | |
| 4 | n 5944.058 | 10.85 | 33.59 | 30.52 | 46.80 | 60.72 | 68.20 | -7.48 | neak | |



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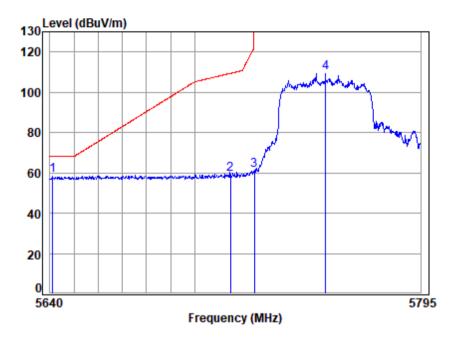


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

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Test Mode: 06; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5755 Band edge

: 5.8G Wi-Fi 11ax40

Cable Ant Preamp Read Limit 0ver Loss Factor Factor Limit Remark Level Level Line dBuV dBuV/m dBuV/m MHz dB dB/m 1 p 5641.224 10.47 33.08 30.64 45.70 58.61 68.20 -9.59 peak 5715.000 10.63 33.23 30.61 46.05 59.30 109.40 -50.10 peak 3 5725.000 10.68 33.25 30.61 48.01 61.33 122.20 -60.87 peak 5755.000 10.81 33.31 30.60 96.08 109.60 ----- peak



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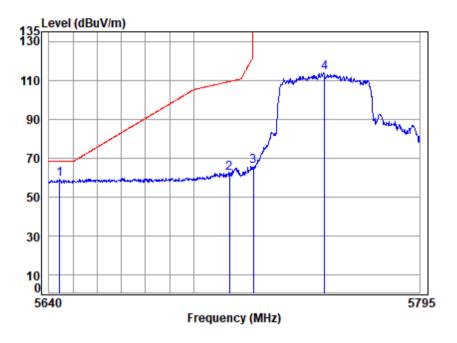


SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250500206204

Page: 202 of 207

Test Mode: 06; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5755 Band edge

· 5 8G Wi-Fi 11av40

| | | OG WI | 1 1 110 | A+0 | | | | | |
|---|----------|-------|---------|--------|-------|--------|--------|--------|--------|
| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| р | 5644.436 | 10.48 | 33.09 | 30.64 | 46.10 | 59.03 | 68.20 | -9.17 | peak |
| | 5715.000 | 10.63 | 33.23 | 30.61 | 48.90 | 62.15 | 109.40 | -47.25 | peak |
| | 5725.000 | 10.68 | 33.25 | 30.61 | 52.16 | 65.48 | 122.20 | -56.72 | peak |
| | 5755 000 | | | | | | | | • |



1 2 3

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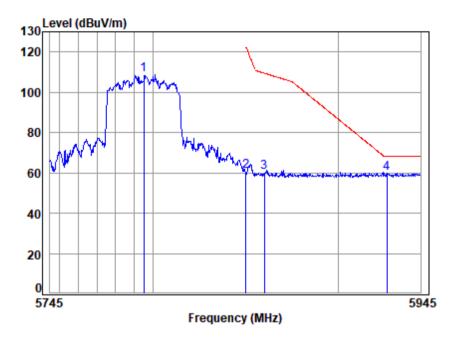


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Report No.: SZCR250500206204

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Test Mode: 06; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5795 Band edge

: 5.8G Wi-Fi 11ax40

| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
|-----|----------|-------|--------|--------|-------|--------|--------|--------|--------|
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 5795.000 | 11.00 | 33.39 | 30.58 | 94.97 | 108.78 | | | peak |
| 2 | 5850.000 | 10.95 | 33.60 | 30.56 | 46.72 | 60.71 | 122.20 | -61.49 | peak |
| 3 | 5860.000 | 10.94 | 33.58 | 30.56 | 46.19 | 60.15 | 109.40 | -49.25 | peak |
| 4 n | 5926.516 | 10.87 | 33.55 | 30.53 | 46.02 | 59.91 | 68.20 | -8.29 | peak |



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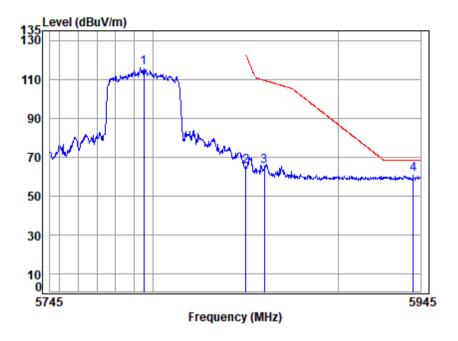


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Report No.: SZCR250500206204

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Test Mode: 06; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5795 Band edge

: 5.8G Wi-Fi 11ax40

| | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
|-----|----------|-------|--------|--------|--------|--------|--------|--------|--------|
| | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | |
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| | | | | | | | | | |
| 1 | 5795.000 | 11.00 | 33.39 | 30.58 | 102.37 | 116.18 | | | peak |
| 2 | 5850.000 | 10.95 | 33.60 | 30.56 | 51.18 | 65.17 | 122.20 | -57.03 | peak |
| 3 | 5860.000 | 10.94 | 33.58 | 30.56 | 51.39 | 65.35 | 109.40 | -44.05 | peak |
| 4 p | 5940.933 | 10.86 | 33.58 | 30.52 | 47.19 | 61.11 | 68.20 | -7.09 | peak |



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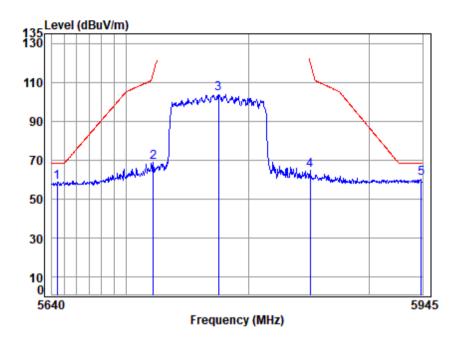


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Report No.: SZCR250500206204

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Test Mode: 06; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Site : chamber

Condition: 3m HORIZONTAL : 02062TL\02063TL Mode : 5775 Band edge

: 5.8G Wi-Fi 11ax80

| | Freq | | | Preamp Factor | | | | | Remark |
|-----|----------|-------|-------|------------------|-------|--------|--------|--------|--------|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5644.160 | 10.48 | 33.09 | 30.64 | 45.83 | 58.76 | 68.20 | -9.44 | Peak |
| 2 | 5721.979 | 10.66 | 33.24 | 30.61 | 55.50 | 68.79 | 115.31 | -46.52 | peak |
| 3 | 5775.000 | 10.91 | 33.35 | 30.59 | 90.32 | 103.99 | | | peak |
| 4 | 5850.883 | 10.95 | 33.60 | 30.56 | 50.66 | 64.65 | 120.19 | -55.54 | peak |
| 5 1 | 5943.748 | 10.86 | 33.59 | 30.52 | 46.54 | 60.47 | 68.20 | -7.73 | peak |



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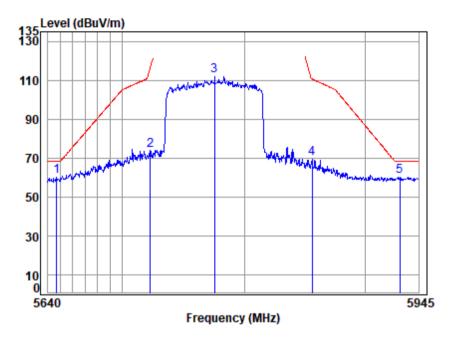


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Report No.: SZCR250500206204

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Test Mode: 06; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Site : chamber

Condition: 3m VERTICAL

: 02062TL\02063TL Mode : 5775 Band edge

: 5.8G Wi-Fi 11ax80

| | | | | . – – – | | | | | | |
|---|---|----------|-------|---------|--------|-------|----------|--------|--------|--------|
| | | | Cable | Ant | Preamp | Read | | Limit | 0ver | |
| | | Freq | Loss | Factor | Factor | Level | Level | Line | Limit | Remark |
| | | | | | | | | | | |
| | | MHz | dB | dB/m | dB | dBuV | d Bu V/m | dBuV/m | dB | |
| | | | | | | | | | | |
| 1 | p | 5646.836 | 10.48 | 33.09 | 30.64 | 47.75 | 60.68 | 68.20 | -7.52 | Peak |
| 2 | | 5722.582 | 10.66 | 33.25 | 30.61 | 60.79 | 74.09 | 116.69 | -42.60 | peak |
| 3 | | 5775.000 | 10.91 | 33.35 | 30.59 | 98.65 | 112.32 | | | peak |
| 4 | | 5855.815 | 10.95 | 33.59 | 30.56 | 55.62 | 69.60 | 110.57 | -40.97 | peak |
| 5 | | 5929.366 | 10.87 | 33.56 | 30.53 | 46.62 | 60.52 | 68.20 | -7.68 | peak |



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7 **Test Setup Photo**

Refer to Appendix - Test Setup Photo for SZCR2505002062TL

EUT Constructional Details (EUT Photos) 8

Refer to External and Internal Photos for SZCR2505002062TL

- End of the Report -



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