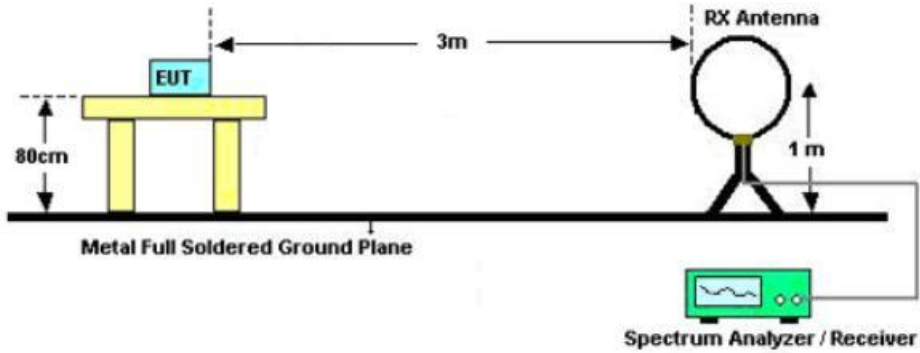


meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.

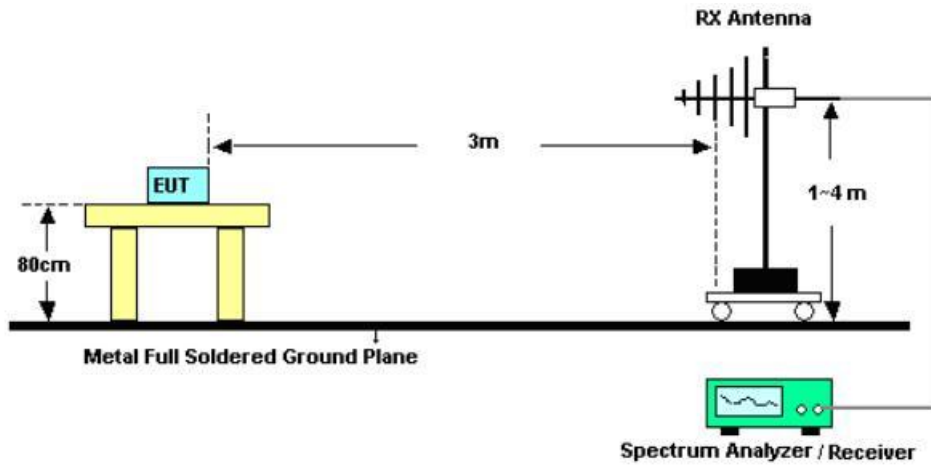
5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than peak limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

4.4.4 Test Setup

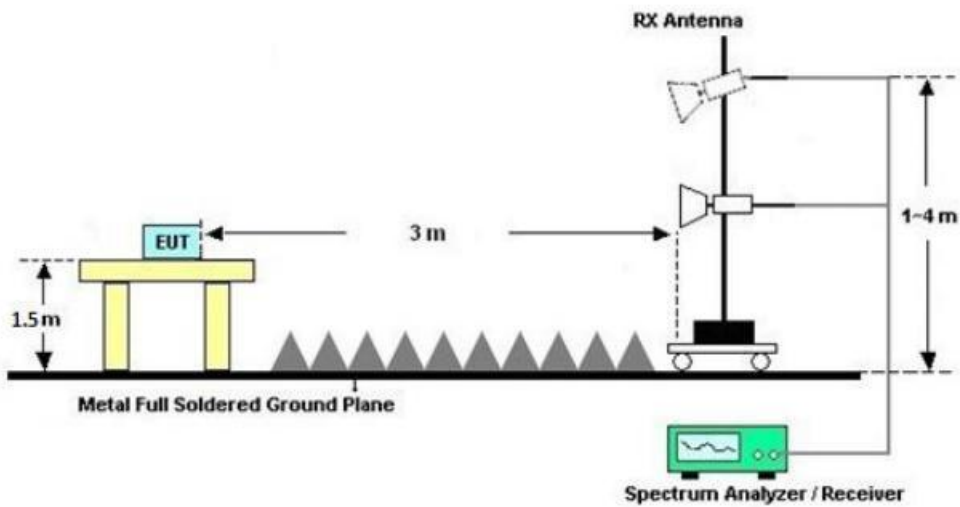
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



4.4.5 Test Results of Radiated Spurious Emissions (9 kHz - 30 MHz)

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

4.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix B.1.

4.4.7 Test Result of Radiated Spurious Emissions (30MHz - 10th Harmonic or 40GHz whichever is lower)

Please refer to Appendix B.1

4.4.8 Duty Cycle

Please refer to Appendix A.4.

4.5 AC Conducted Emission Measurement

4.5.1 Limit of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

| Frequency of emission (MHz) | Conducted limit (dB μ V) | |
|-----------------------------|------------------------------|-----------|
| | Quasi-peak | Average |
| 0.15-0.5 | 66 to 56* | 56 to 46* |
| 0.5-5 | 56 | 46 |
| 5-30 | 60 | 50 |

Decreases with the logarithm of the frequency.

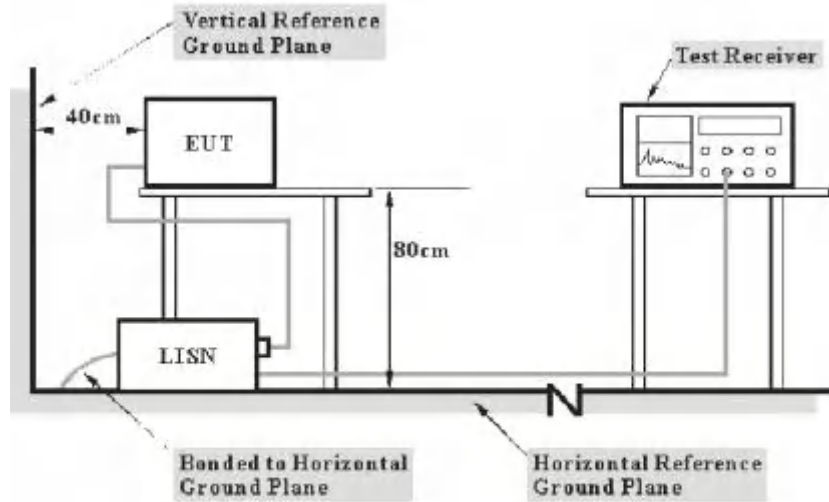
4.5.2 Measuring Instruments

The section 3.3 of List of Measuring Equipment of this test report is used for test.

4.5.3 Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth =9kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.

4.5.4 Test Setup



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

4.5.5 Uncertainty Measurement

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT. The listed uncertainties are the worst case uncertainty for the entire range of measurement. Please note that the uncertainty values are provided for informational purposes only and are not used in determining the PASS/FAIL results.

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

| CASE | Uncertainty |
|-------------------------------|-------------|
| Continuous Emission (AC port) | 2.92 dB |

4.5.6 Test Result

Remark: The product is DC powered, this test item is not applicable.

4.6 Antenna Requirements

4.6.1 Standard Applicable

15.203 requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

15.247(b) (4) requirement: The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and(b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6dBi.

4.6.2 Antenna Anti-Replacement Construction

The antenna is External on the main PCB and no consideration of replacement. The best case gain of the antenna is 1.28dBi.

Appendix A – Test Results of Conducted Test

A.1 6dB and 26dB and 99% Occupied Bandwidth Measurement

Test Result_26dB Bandwidth

| Test Mode | Antenna | Frequency[MHz] | 26db EBW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|-----------|---------|----------------|----------------|----------|----------|------------|---------|
| 11A | Ant1 | 5180 | 21.400 | 5169.360 | 5190.760 | --- | --- |
| 11A | Ant1 | 5220 | 22.280 | 5208.680 | 5230.960 | --- | --- |
| 11A | Ant1 | 5240 | 21.640 | 5229.360 | 5251.000 | --- | --- |
| 11A | Ant1 | 5260 | 21.560 | 5249.560 | 5271.120 | --- | --- |
| 11A | Ant1 | 5300 | 22.360 | 5288.680 | 5311.040 | --- | --- |
| 11A | Ant1 | 5320 | 22.600 | 5308.640 | 5331.240 | --- | --- |
| 11A | Ant1 | 5500 | 22.360 | 5488.960 | 5511.320 | --- | --- |
| 11A | Ant1 | 5580 | 20.840 | 5569.920 | 5590.760 | --- | --- |
| 11A | Ant1 | 5700 | 22.240 | 5688.800 | 5711.040 | --- | --- |
| 11A | Ant1 | 5720 | 21.000 | 5709.440 | 5730.440 | --- | --- |
| 11A | Ant1 | 5720_UNII-2C | 15.56 | 5709.440 | 5725 | --- | --- |
| 11A | Ant1 | 5720_UNII-3 | 5.44 | 5725 | 5730.440 | --- | --- |
| 11A | Ant1 | 5745 | 21.040 | 5734.640 | 5755.680 | --- | --- |
| 11A | Ant1 | 5785 | 21.200 | 5774.520 | 5795.720 | --- | --- |
| 11A | Ant1 | 5825 | 20.520 | 5814.720 | 5835.240 | --- | --- |
| 11N20SISO | Ant1 | 5180 | 22.200 | 5169.120 | 5191.320 | --- | --- |
| 11N20SISO | Ant1 | 5220 | 22.440 | 5208.320 | 5230.760 | --- | --- |
| 11N20SISO | Ant1 | 5240 | 23.000 | 5228.560 | 5251.560 | --- | --- |
| 11N20SISO | Ant1 | 5260 | 22.080 | 5249.080 | 5271.160 | --- | --- |
| 11N20SISO | Ant1 | 5300 | 22.960 | 5288.880 | 5311.840 | --- | --- |
| 11N20SISO | Ant1 | 5320 | 22.360 | 5309.000 | 5331.360 | --- | --- |
| 11N20SISO | Ant1 | 5500 | 23.920 | 5488.320 | 5512.240 | --- | --- |
| 11N20SISO | Ant1 | 5580 | 22.200 | 5569.520 | 5591.720 | --- | --- |
| 11N20SISO | Ant1 | 5700 | 21.600 | 5689.040 | 5710.640 | --- | --- |
| 11N20SISO | Ant1 | 5720 | 23.320 | 5708.400 | 5731.720 | --- | --- |
| 11N20SISO | Ant1 | 5720_UNII-2C | 16.6 | 5708.400 | 5725 | --- | --- |
| 11N20SISO | Ant1 | 5720_UNII-3 | 6.72 | 5725 | 5731.720 | --- | --- |
| 11N20SISO | Ant1 | 5745 | 22.640 | 5733.480 | 5756.120 | --- | --- |
| 11N20SISO | Ant1 | 5785 | 22.920 | 5773.640 | 5796.560 | --- | --- |
| 11N20SISO | Ant1 | 5825 | 20.840 | 5814.800 | 5835.640 | --- | --- |
| 11N40SISO | Ant1 | 5190 | 40.400 | 5169.920 | 5210.320 | --- | --- |
| 11N40SISO | Ant1 | 5230 | 40.720 | 5209.760 | 5250.480 | --- | --- |
| 11N40SISO | Ant1 | 5270 | 40.400 | 5249.920 | 5290.320 | --- | --- |

| | | | | | | | |
|------------|------|--------------|--------|----------|----------|-----|-----|
| 11N40SISO | Ant1 | 5310 | 40.480 | 5290.000 | 5330.480 | --- | --- |
| 11N40SISO | Ant1 | 5510 | 40.320 | 5490.080 | 5530.400 | --- | --- |
| 11N40SISO | Ant1 | 5550 | 40.560 | 5529.840 | 5570.400 | --- | --- |
| 11N40SISO | Ant1 | 5670 | 40.480 | 5650.000 | 5690.480 | --- | --- |
| 11N40SISO | Ant1 | 5710 | 40.480 | 5689.840 | 5730.320 | --- | --- |
| 11N40SISO | Ant1 | 5710_UNII-2C | 35.16 | 5689.840 | 5725 | --- | --- |
| 11N40SISO | Ant1 | 5710_UNII-3 | 5.32 | 5725 | 5730.320 | --- | --- |
| 11N40SISO | Ant1 | 5755 | 40.160 | 5735.240 | 5775.400 | --- | --- |
| 11N40SISO | Ant1 | 5795 | 40.720 | 5774.600 | 5815.320 | --- | --- |
| 11AC20SISO | Ant1 | 5180 | 22.640 | 5169.080 | 5191.720 | --- | --- |
| 11AC20SISO | Ant1 | 5220 | 21.360 | 5209.480 | 5230.840 | --- | --- |
| 11AC20SISO | Ant1 | 5240 | 21.880 | 5228.720 | 5250.600 | --- | --- |
| 11AC20SISO | Ant1 | 5260 | 23.600 | 5249.240 | 5272.840 | --- | --- |
| 11AC20SISO | Ant1 | 5300 | 22.800 | 5288.840 | 5311.640 | --- | --- |
| 11AC20SISO | Ant1 | 5320 | 23.440 | 5308.760 | 5332.200 | --- | --- |
| 11AC20SISO | Ant1 | 5500 | 22.080 | 5489.080 | 5511.160 | --- | --- |
| 11AC20SISO | Ant1 | 5580 | 22.280 | 5569.040 | 5591.320 | --- | --- |
| 11AC20SISO | Ant1 | 5700 | 22.240 | 5689.200 | 5711.440 | --- | --- |
| 11AC20SISO | Ant1 | 5720 | 21.960 | 5708.520 | 5730.480 | --- | --- |
| 11AC20SISO | Ant1 | 5720_UNII-2C | 16.48 | 5708.520 | 5725 | --- | --- |
| 11AC20SISO | Ant1 | 5720_UNII-3 | 5.48 | 5725 | 5730.480 | --- | --- |
| 11AC20SISO | Ant1 | 5745 | 22.800 | 5733.680 | 5756.480 | --- | --- |
| 11AC20SISO | Ant1 | 5785 | 23.560 | 5773.600 | 5797.160 | --- | --- |
| 11AC20SISO | Ant1 | 5825 | 21.400 | 5814.040 | 5835.440 | --- | --- |
| 11AC40SISO | Ant1 | 5190 | 40.400 | 5169.840 | 5210.240 | --- | --- |
| 11AC40SISO | Ant1 | 5230 | 40.480 | 5209.920 | 5250.400 | --- | --- |
| 11AC40SISO | Ant1 | 5270 | 40.240 | 5250.080 | 5290.320 | --- | --- |
| 11AC40SISO | Ant1 | 5310 | 40.240 | 5290.080 | 5330.320 | --- | --- |
| 11AC40SISO | Ant1 | 5510 | 40.160 | 5490.080 | 5530.240 | --- | --- |
| 11AC40SISO | Ant1 | 5550 | 40.640 | 5529.920 | 5570.560 | --- | --- |
| 11AC40SISO | Ant1 | 5670 | 40.720 | 5649.520 | 5690.240 | --- | --- |
| 11AC40SISO | Ant1 | 5710 | 41.280 | 5689.840 | 5731.120 | --- | --- |
| 11AC40SISO | Ant1 | 5710_UNII-2C | 35.16 | 5689.840 | 5725 | --- | --- |
| 11AC40SISO | Ant1 | 5710_UNII-3 | 6.12 | 5725 | 5731.120 | --- | --- |
| 11AC40SISO | Ant1 | 5755 | 40.880 | 5734.680 | 5775.560 | --- | --- |
| 11AC40SISO | Ant1 | 5795 | 40.320 | 5775.080 | 5815.400 | --- | --- |
| 11AC80SISO | Ant1 | 5210 | 92.480 | 5159.760 | 5252.240 | --- | --- |
| 11AC80SISO | Ant1 | 5290 | 87.840 | 5250.000 | 5337.840 | --- | --- |
| 11AC80SISO | Ant1 | 5530 | 92.320 | 5486.160 | 5578.480 | --- | --- |

| | | | | | | | |
|------------|------|--------------|--------|----------|----------|-----|-----|
| 11AC80SISO | Ant1 | 5610 | 86.080 | 5569.360 | 5655.440 | --- | --- |
| 11AC80SISO | Ant1 | 5690 | 99.840 | 5638.800 | 5738.640 | --- | --- |
| 11AC80SISO | Ant1 | 5690_UNII-2C | 86.2 | 5638.800 | 5725 | --- | --- |
| 11AC80SISO | Ant1 | 5690_UNII-3 | 13.64 | 5725 | 5738.640 | --- | --- |
| 11AC80SISO | Ant1 | 5775 | 95.520 | 5722.680 | 5818.200 | --- | --- |

Test Result_6dB Bandwidth

U-NII-3

| Test Mode | Antenna | Frequency[MHz] | 6db EBW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|------------|---------|----------------|---------------|----------|----------|------------|---------|
| 11A | Ant1 | 5745 | 16.360 | 5736.800 | 5753.160 | 0.5 | PASS |
| 11A | Ant1 | 5785 | 16.240 | 5776.840 | 5793.080 | 0.5 | PASS |
| 11A | Ant1 | 5825 | 16.360 | 5816.800 | 5833.160 | 0.5 | PASS |
| 11N20SISO | Ant1 | 5745 | 16.920 | 5736.480 | 5753.400 | 0.5 | PASS |
| 11N20SISO | Ant1 | 5785 | 17.560 | 5776.200 | 5793.760 | 0.5 | PASS |
| 11N20SISO | Ant1 | 5825 | 17.040 | 5816.480 | 5833.520 | 0.5 | PASS |
| 11N40SISO | Ant1 | 5755 | 36.320 | 5736.840 | 5773.160 | 0.5 | PASS |
| 11N40SISO | Ant1 | 5795 | 36.080 | 5777.080 | 5813.160 | 0.5 | PASS |
| 11AC20SISO | Ant1 | 5745 | 17.560 | 5736.200 | 5753.760 | 0.5 | PASS |
| 11AC20SISO | Ant1 | 5785 | 16.800 | 5776.600 | 5793.400 | 0.5 | PASS |
| 11AC20SISO | Ant1 | 5825 | 15.040 | 5817.480 | 5832.520 | 0.5 | PASS |
| 11AC40SISO | Ant1 | 5755 | 34.800 | 5738.360 | 5773.160 | 0.5 | PASS |
| 11AC40SISO | Ant1 | 5795 | 35.920 | 5776.840 | 5812.760 | 0.5 | PASS |
| 11AC80SISO | Ant1 | 5775 | 75.360 | 5737.080 | 5812.440 | 0.5 | PASS |

Test Result_99% Bandwidth

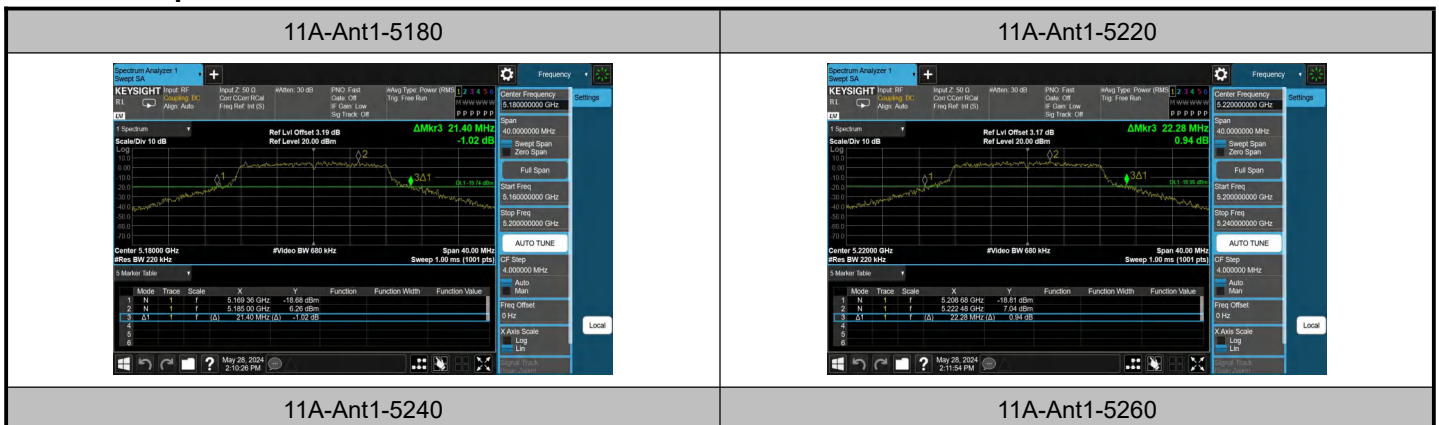
| Test Mode | Antenna | Frequency[MHz] | OCB [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|-----------|---------|----------------|-----------|-----------|-----------|------------|---------|
| 11A | Ant1 | 5180 | 16.659 | 5171.7024 | 5188.3614 | --- | --- |
| 11A | Ant1 | 5220 | 16.721 | 5211.6788 | 5228.3998 | --- | --- |
| 11A | Ant1 | 5240 | 16.652 | 5231.6645 | 5248.3165 | --- | --- |
| 11A | Ant1 | 5260 | 16.678 | 5251.6666 | 5268.3446 | --- | --- |
| 11A | Ant1 | 5300 | 16.695 | 5291.6702 | 5308.3652 | --- | --- |
| 11A | Ant1 | 5320 | 16.653 | 5311.6759 | 5328.3289 | --- | --- |
| 11A | Ant1 | 5500 | 16.680 | 5491.7046 | 5508.3846 | --- | --- |
| 11A | Ant1 | 5580 | 16.644 | 5571.6909 | 5588.3349 | --- | --- |
| 11A | Ant1 | 5700 | 16.643 | 5691.6641 | 5708.3071 | --- | --- |
| 11A | Ant1 | 5720 | 16.726 | 5711.6332 | 5728.3592 | --- | --- |
| 11A | Ant1 | 5720_UNII-2C | 13.367 | 5711.6332 | 5725 | --- | --- |
| 11A | Ant1 | 5720_UNII-3 | 3.359 | 5725 | 5728.3592 | --- | --- |
| 11A | Ant1 | 5745 | 16.694 | 5736.6907 | 5753.3847 | --- | --- |

| | | | | | | | |
|------------|------|--------------|--------|-----------|-----------|-----|-----|
| 11A | Ant1 | 5785 | 16.657 | 5776.6975 | 5793.3545 | --- | --- |
| 11A | Ant1 | 5825 | 16.683 | 5816.6440 | 5833.3270 | --- | --- |
| 11N20SISO | Ant1 | 5180 | 17.828 | 5171.1030 | 5188.9310 | --- | --- |
| 11N20SISO | Ant1 | 5220 | 17.833 | 5211.0762 | 5228.9092 | --- | --- |
| 11N20SISO | Ant1 | 5240 | 17.874 | 5231.0630 | 5248.9370 | --- | --- |
| 11N20SISO | Ant1 | 5260 | 17.888 | 5251.0721 | 5268.9601 | --- | --- |
| 11N20SISO | Ant1 | 5300 | 17.901 | 5291.0468 | 5308.9478 | --- | --- |
| 11N20SISO | Ant1 | 5320 | 17.858 | 5311.1138 | 5328.9718 | --- | --- |
| 11N20SISO | Ant1 | 5500 | 17.852 | 5491.0921 | 5508.9441 | --- | --- |
| 11N20SISO | Ant1 | 5580 | 17.840 | 5571.0839 | 5588.9239 | --- | --- |
| 11N20SISO | Ant1 | 5700 | 17.822 | 5691.1029 | 5708.9249 | --- | --- |
| 11N20SISO | Ant1 | 5720 | 17.882 | 5711.0453 | 5728.9273 | --- | --- |
| 11N20SISO | Ant1 | 5720_UNII-2C | 13.955 | 5711.0453 | 5725 | --- | --- |
| 11N20SISO | Ant1 | 5720_UNII-3 | 3.927 | 5725 | 5728.9273 | --- | --- |
| 11N20SISO | Ant1 | 5745 | 17.863 | 5736.0703 | 5753.9333 | --- | --- |
| 11N20SISO | Ant1 | 5785 | 17.876 | 5776.0629 | 5793.9389 | --- | --- |
| 11N20SISO | Ant1 | 5825 | 17.861 | 5816.0692 | 5833.9302 | --- | --- |
| 11N40SISO | Ant1 | 5190 | 36.267 | 5171.9112 | 5208.1782 | --- | --- |
| 11N40SISO | Ant1 | 5230 | 36.325 | 5211.8567 | 5248.1817 | --- | --- |
| 11N40SISO | Ant1 | 5270 | 36.286 | 5251.9209 | 5288.2069 | --- | --- |
| 11N40SISO | Ant1 | 5310 | 36.365 | 5291.8236 | 5328.1886 | --- | --- |
| 11N40SISO | Ant1 | 5510 | 36.322 | 5491.8894 | 5528.2114 | --- | --- |
| 11N40SISO | Ant1 | 5550 | 36.264 | 5531.8840 | 5568.1480 | --- | --- |
| 11N40SISO | Ant1 | 5670 | 36.323 | 5651.8234 | 5688.1464 | --- | --- |
| 11N40SISO | Ant1 | 5710 | 36.337 | 5691.8514 | 5728.1884 | --- | --- |
| 11N40SISO | Ant1 | 5710_UNII-2C | 33.149 | 5691.8514 | 5725 | --- | --- |
| 11N40SISO | Ant1 | 5710_UNII-3 | 3.188 | 5725 | 5728.1884 | --- | --- |
| 11N40SISO | Ant1 | 5755 | 36.262 | 5736.8852 | 5773.1472 | --- | --- |
| 11N40SISO | Ant1 | 5795 | 36.342 | 5776.8770 | 5813.2190 | --- | --- |
| 11AC20SISO | Ant1 | 5180 | 17.902 | 5171.0844 | 5188.9864 | --- | --- |
| 11AC20SISO | Ant1 | 5220 | 17.874 | 5211.0470 | 5228.9210 | --- | --- |
| 11AC20SISO | Ant1 | 5240 | 17.841 | 5231.0630 | 5248.9040 | --- | --- |
| 11AC20SISO | Ant1 | 5260 | 17.891 | 5251.0622 | 5268.9532 | --- | --- |
| 11AC20SISO | Ant1 | 5300 | 17.895 | 5291.0428 | 5308.9378 | --- | --- |
| 11AC20SISO | Ant1 | 5320 | 17.865 | 5311.0730 | 5328.9380 | --- | --- |
| 11AC20SISO | Ant1 | 5500 | 17.882 | 5491.0460 | 5508.9280 | --- | --- |
| 11AC20SISO | Ant1 | 5580 | 17.859 | 5571.0604 | 5588.9194 | --- | --- |
| 11AC20SISO | Ant1 | 5700 | 17.906 | 5691.0429 | 5708.9489 | --- | --- |
| 11AC20SISO | Ant1 | 5720 | 17.915 | 5711.0137 | 5728.9287 | --- | --- |

| | | | | | | | |
|------------|------|--------------|--------|-----------|-----------|-----|-----|
| 11AC20SISO | Ant1 | 5720_UNII-2C | 13.986 | 5711.0137 | 5725 | --- | --- |
| 11AC20SISO | Ant1 | 5720_UNII-3 | 3.929 | 5725 | 5728.9287 | --- | --- |
| 11AC20SISO | Ant1 | 5745 | 17.840 | 5736.0642 | 5753.9042 | --- | --- |
| 11AC20SISO | Ant1 | 5785 | 17.835 | 5776.0675 | 5793.9025 | --- | --- |
| 11AC20SISO | Ant1 | 5825 | 17.791 | 5816.1091 | 5833.9001 | --- | --- |
| 11AC40SISO | Ant1 | 5190 | 36.316 | 5171.8401 | 5208.1561 | --- | --- |
| 11AC40SISO | Ant1 | 5230 | 36.384 | 5211.8644 | 5248.2484 | --- | --- |
| 11AC40SISO | Ant1 | 5270 | 36.339 | 5251.9025 | 5288.2415 | --- | --- |
| 11AC40SISO | Ant1 | 5310 | 36.289 | 5291.9548 | 5328.2438 | --- | --- |
| 11AC40SISO | Ant1 | 5510 | 36.267 | 5491.8860 | 5528.1530 | --- | --- |
| 11AC40SISO | Ant1 | 5550 | 36.255 | 5531.9008 | 5568.1558 | --- | --- |
| 11AC40SISO | Ant1 | 5670 | 36.368 | 5651.8194 | 5688.1874 | --- | --- |
| 11AC40SISO | Ant1 | 5710 | 36.339 | 5691.8417 | 5728.1807 | --- | --- |
| 11AC40SISO | Ant1 | 5710_UNII-2C | 33.158 | 5691.8417 | 5725 | --- | --- |
| 11AC40SISO | Ant1 | 5710_UNII-3 | 3.181 | 5725 | 5728.1807 | --- | --- |
| 11AC40SISO | Ant1 | 5755 | 36.339 | 5736.8261 | 5773.1651 | --- | --- |
| 11AC40SISO | Ant1 | 5795 | 36.298 | 5776.8502 | 5813.1482 | --- | --- |
| 11AC80SISO | Ant1 | 5210 | 75.849 | 5172.1469 | 5247.9959 | --- | --- |
| 11AC80SISO | Ant1 | 5290 | 75.808 | 5252.3343 | 5328.1423 | --- | --- |
| 11AC80SISO | Ant1 | 5530 | 75.966 | 5492.1055 | 5568.0715 | --- | --- |
| 11AC80SISO | Ant1 | 5610 | 75.743 | 5572.2176 | 5647.9606 | --- | --- |
| 11AC80SISO | Ant1 | 5690 | 75.878 | 5652.1213 | 5727.9993 | --- | --- |
| 11AC80SISO | Ant1 | 5690_UNII-2C | 72.879 | 5652.1213 | 5725 | --- | --- |
| 11AC80SISO | Ant1 | 5690_UNII-3 | 2.999 | 5725 | 5727.9993 | --- | --- |
| 11AC80SISO | Ant1 | 5775 | 75.878 | 5737.0064 | 5812.8844 | --- | --- |

Test Graphs

26dB Occupied Bandwidth





11A-Ant1-5300



11A-Ant1-5320



11A-Ant1-5500



11A-Ant1-5580



11A-Ant1-5700



11A-Ant1-5780



11A-Ant1-5745



11A-Ant1-5785



11A-Ant1-5825



11N20SISO-Ant1-5180



11N20SISO-Ant1-5220



11N20SISO-Ant1-5240



11N20SISO-Ant1-5260



11N20SISO-Ant1-5300



11N20SISO-Ant1-5320



11N20SISO-Ant1-5500



11N20SISO-Ant1-5580



11N20SISO-Ant1-5700



11N20SISO-Ant1-5720



11N20SISO-Ant1-5745



11N20SISO-Ant1-5785



11N20SISO-Ant1-5825



11N40SISO-Ant1-5190



11N40SISO-Ant1-5230



11N40SISO-Ant1-5270



11N40SISO-Ant1-5310



11N40SISO-Ant1-5510



11N40SISO-Ant1-5550



11N40SISO-Ant1-5670



11N40SISO-Ant1-5710



11N40SISO-Ant1-5755



11N40SISO-Ant1-5795



11AC20SISO-Ant1-5180



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11AC20SISO-Ant1-5240



11AC20SISO-Ant1-5260



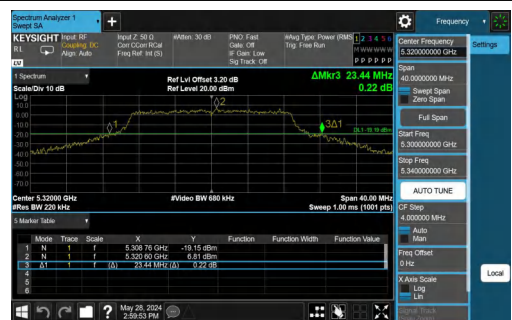
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11AC20SISO-Ant1-5320



11AC20SISO-Ant1-5500



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11AC20SISO-Ant1-5720



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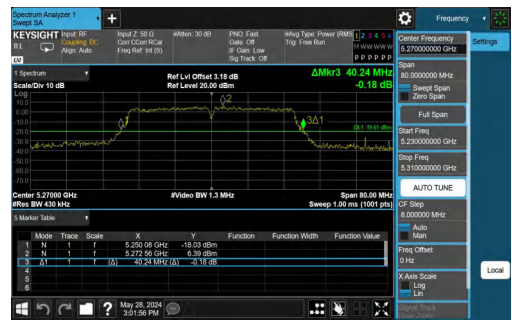
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11AC40SISO-Ant1-5270



11AC40SISO-Ant1-5310



11AC40SISO-Ant1-5510



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11AC40SISO-Ant1-5755



11AC40SISO-Ant1-5795



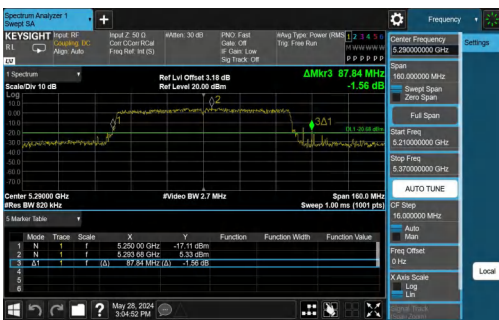
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11AC80SISO-Ant1-5290



11AC80SISO-Ant1-5530



11AC80SISO-Ant1-5610



11AC80SISO-Ant1-5690



11AC80SISO-Ant1-5775



6dB Bandwidth U-NII-3

| | |
|---|---|
| <p style="text-align: center;">11A-Ant1-5745-PASS</p> | <p style="text-align: center;">11A-Ant1-5785-PASS</p> |
| <p style="text-align: center;">11A-Ant1-5825-PASS</p> | <p style="text-align: center;">11N20SISO-Ant1-5745-PASS</p> |
| <p style="text-align: center;">11N20SISO-Ant1-5785-PASS</p> | <p style="text-align: center;">11N20SISO-Ant1-5825-PASS</p> |
| <p style="text-align: center;">11N40SISO-Ant1-5755-PASS</p> | <p style="text-align: center;">11N40SISO-Ant1-5795-PASS</p> |
| <p style="text-align: center;">11AC20SISO-Ant1-5745-PASS</p> | <p style="text-align: center;">11AC20SISO-Ant1-5785-PASS</p> |