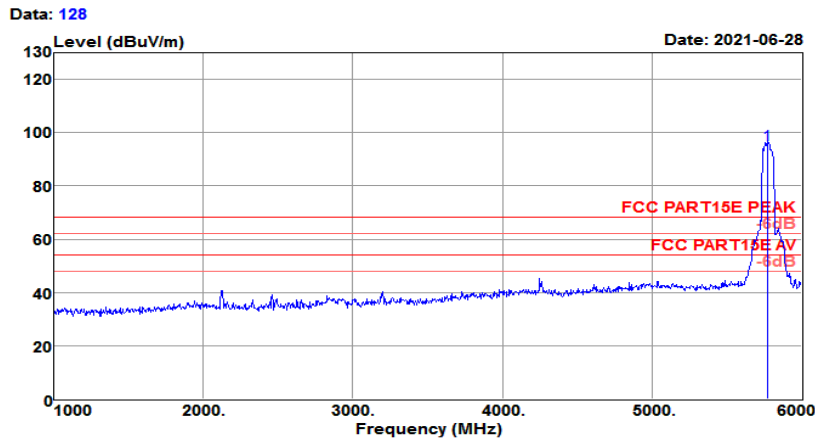




| | | | |
|------------------------|-------------------------------|----------------------------|----------|
| Test Mode : | 802.11 ac VHT80 CH155 5775MHz | Temperature : | 19~23°C |
| Test Engineer : | Jack Liu | Relative Humidity : | 59~62% |
| Frequency Range | 1GHz~6GHz | Polarization : | Vertical |

| | | | |
|-----------|---------------------------------|---------------|------------|
| Test Site | : 3m Chamber | Temp/Humi | : 19°C/60% |
| Tested by | : Jack | Power rating: | DC 3.85V |
| Model No. | : CT45-L0N | Pol/Phase | : VERTICAL |
| EUT | : Mobile Computer | | |
| Test Mode | : 802.11ac VHT80 CH155(5775MHz) | | |

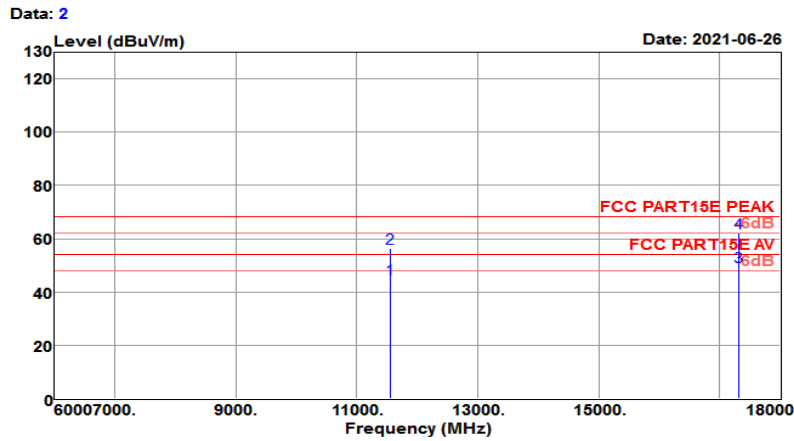


| Freq MHz | Reading level dBuV | Antenna factor dBs/m | Cable loss dB | level dBuA/m | Limit level dBuA/m | Over limit dB | Remark |
|-------------|--------------------------|----------------------------|---------------------|-----------------|--------------------------|---------------------|--------|
| 5775.000 | 91.58 | 32.04 | 6.08 | 95.41 | 68.20 | 27.21 | Peak |



| | | | |
|-----------------|-------------------------------|---------------------|----------|
| Test Mode : | 802.11 ac VHT80 CH155 5775MHz | Temperature : | 19~23°C |
| Test Engineer : | Jack Liu | Relative Humidity : | 59~62% |
| Frequency Range | 6GHz~18GHz | Polarization : | Vertical |

Test Site : 3m Chamber Temp/Humi : 19°C/60%
 Tested by : Jack Pol/Phase : VERTICAL
 Test Mode : 802.11ac VHT80 CH155(5775MHz) Power rating: DC 3.85V



| Freq MHz | Reading level dBuV | Antenna factor dB/m | Cable loss dB | Preamp factor dB | level dBuV/m | Limit level dBuV/m | Over limit dB | Remark |
|-----------|--------------------|---------------------|---------------|------------------|--------------|--------------------|---------------|---------|
| 11550.000 | 24.62 | 39.60 | 13.49 | 32.96 | 44.75 | 54.00 | -9.25 | Average |
| 11550.000 | 36.23 | 39.60 | 13.49 | 32.96 | 56.36 | 68.20 | -11.84 | Peak |
| 17325.000 | 21.36 | 41.20 | 17.18 | 30.08 | 49.66 | 54.00 | -4.34 | Average |
| 17325.000 | 33.82 | 41.20 | 17.18 | 30.08 | 62.12 | 68.20 | -6.08 | Peak |

Note: Emission was scanned up to 40GHz; No emissions were detected above the noise floor which was at least 20dB below the specification limit.



3.4.6 Test Result of Radiated Spurious Emission (30MHz ~ 1GHz)

| | | | |
|------------------------|---------------------------|----------------------------|------------|
| Test Mode : | 802.11n HT20 CH48 5240MHz | Temperature : | 19~23°C |
| Test Engineer : | Jack Liu | Relative Humidity : | 59~62% |
| Frequency Range | 30MHz~1GHz | Polarization : | Horizontal |

Test Site : 3m Chamber

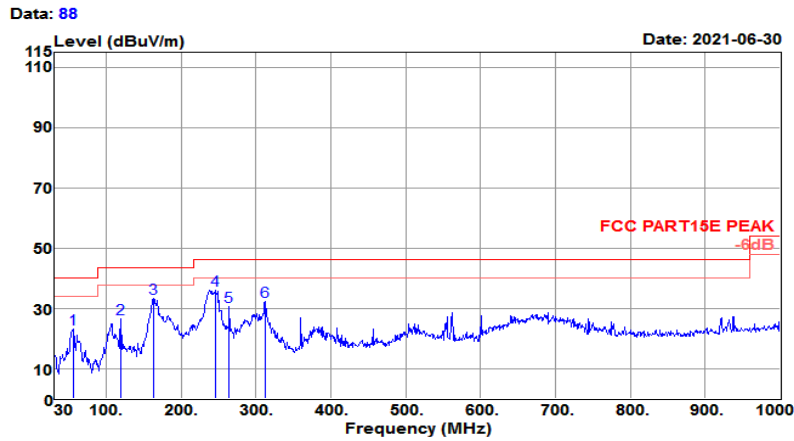
 Tested by : Jack

 Test Mode : 802.11n HT20 CH48 (5240MHz)

 Temp/Humi : 23°C/60%

 Pol/Phase : HORIZONTAL

 Power rating: DC 3.85V

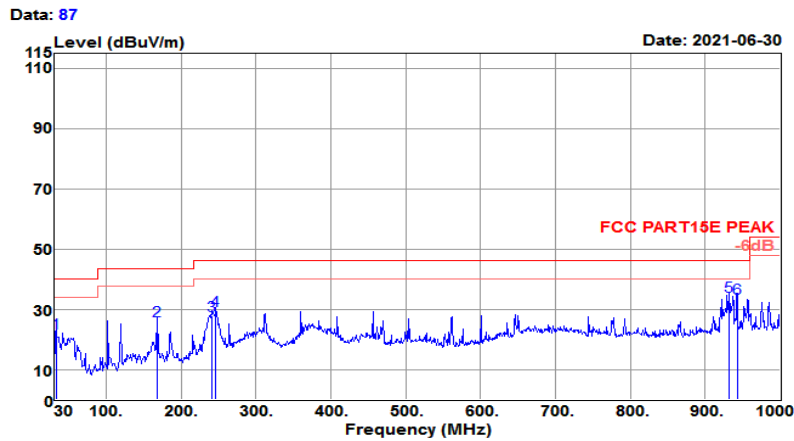


| Freq MHz | Reading level dBuV | Antenna factor dB/m | Cable loss dB | Preamp factor dB | level dBuV/m | Limit level dBuV/m | Over limit dB | Remark |
|-------------|--------------------------|---------------------------|---------------------|------------------------|-----------------|--------------------------|---------------------|--------|
| 55.220 | 39.46 | 14.91 | 1.23 | 32.59 | 23.01 | 40.00 | -16.99 | QP |
| 119.240 | 46.01 | 11.23 | 1.86 | 32.52 | 26.58 | 43.50 | -16.92 | QP |
| 162.890 | 49.70 | 13.79 | 2.19 | 32.56 | 33.12 | 43.50 | -10.38 | QP |
| 246.310 | 54.20 | 11.64 | 2.74 | 32.60 | 35.98 | 46.00 | -10.02 | QP |
| 263.770 | 48.36 | 11.84 | 2.81 | 32.60 | 30.41 | 46.00 | -15.59 | QP |
| 312.270 | 48.38 | 13.30 | 3.10 | 32.61 | 32.17 | 46.00 | -13.83 | QP |



| | | | |
|-----------------|---------------------------|---------------------|----------|
| Test Mode : | 802.11n HT20 CH48 5240MHz | Temperature : | 19~23°C |
| Test Engineer : | Jack Liu | Relative Humidity : | 59~62% |
| Frequency Range | 30MHz~1GHz | Polarization : | Vertical |

Test Site : 3m Chamber
 Temp/Humi : 23°C/60%
 Tested by : Jack
 Pol/Phase : VERTICAL
 Test Mode : 802.11n HT20 CH48 (5240MHz)
 Power rating: DC 3.85V



| Freq MHz | Reading level dBuV | Antenna factor dB/m | Cable loss dB | Preamp factor dB | level dBuV/m | Limit level dBuV/m | Over limit dB | Remark |
|----------|--------------------|---------------------|---------------|------------------|--------------|--------------------|---------------|--------|
| 32.910 | 39.83 | 13.94 | 0.95 | 32.60 | 22.12 | 40.00 | -17.88 | QP |
| 167.740 | 43.20 | 13.45 | 2.22 | 32.57 | 26.30 | 43.50 | -17.20 | QP |
| 241.460 | 45.78 | 11.76 | 2.74 | 32.60 | 27.68 | 46.00 | -18.32 | QP |
| 246.310 | 47.70 | 11.64 | 2.74 | 32.60 | 29.48 | 46.00 | -16.52 | QP |
| 932.100 | 37.58 | 22.39 | 5.75 | 31.51 | 34.21 | 46.00 | -11.79 | QP |
| 942.770 | 36.72 | 22.40 | 5.76 | 31.43 | 33.45 | 46.00 | -12.55 | QP |



3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

FCC §15.207

IC RSS-GEN 8.8

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 (dBµV) | |
|-----------------------------|------------------------|-----------|
| | 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.

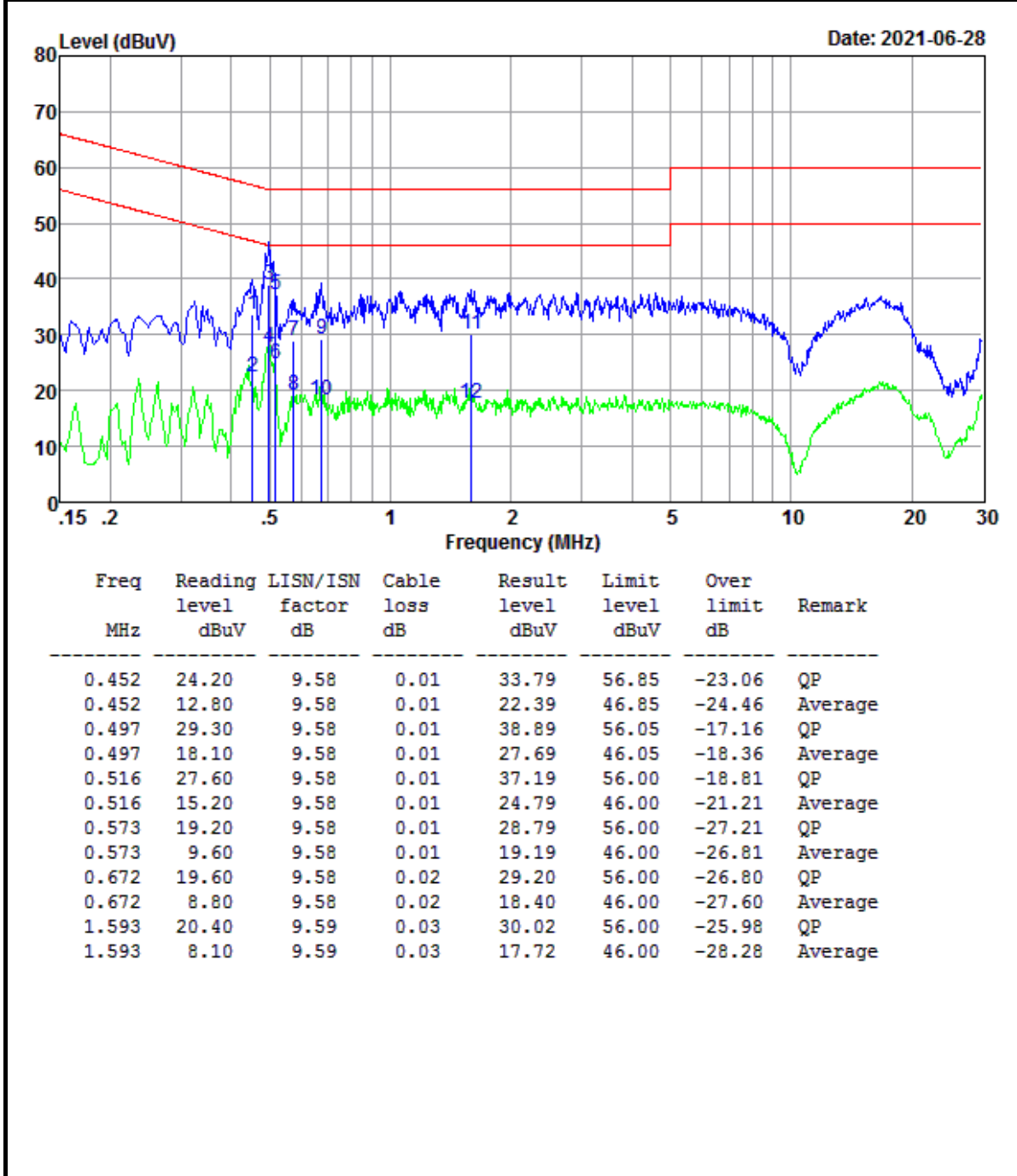
3.5.2 Test Procedures

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.



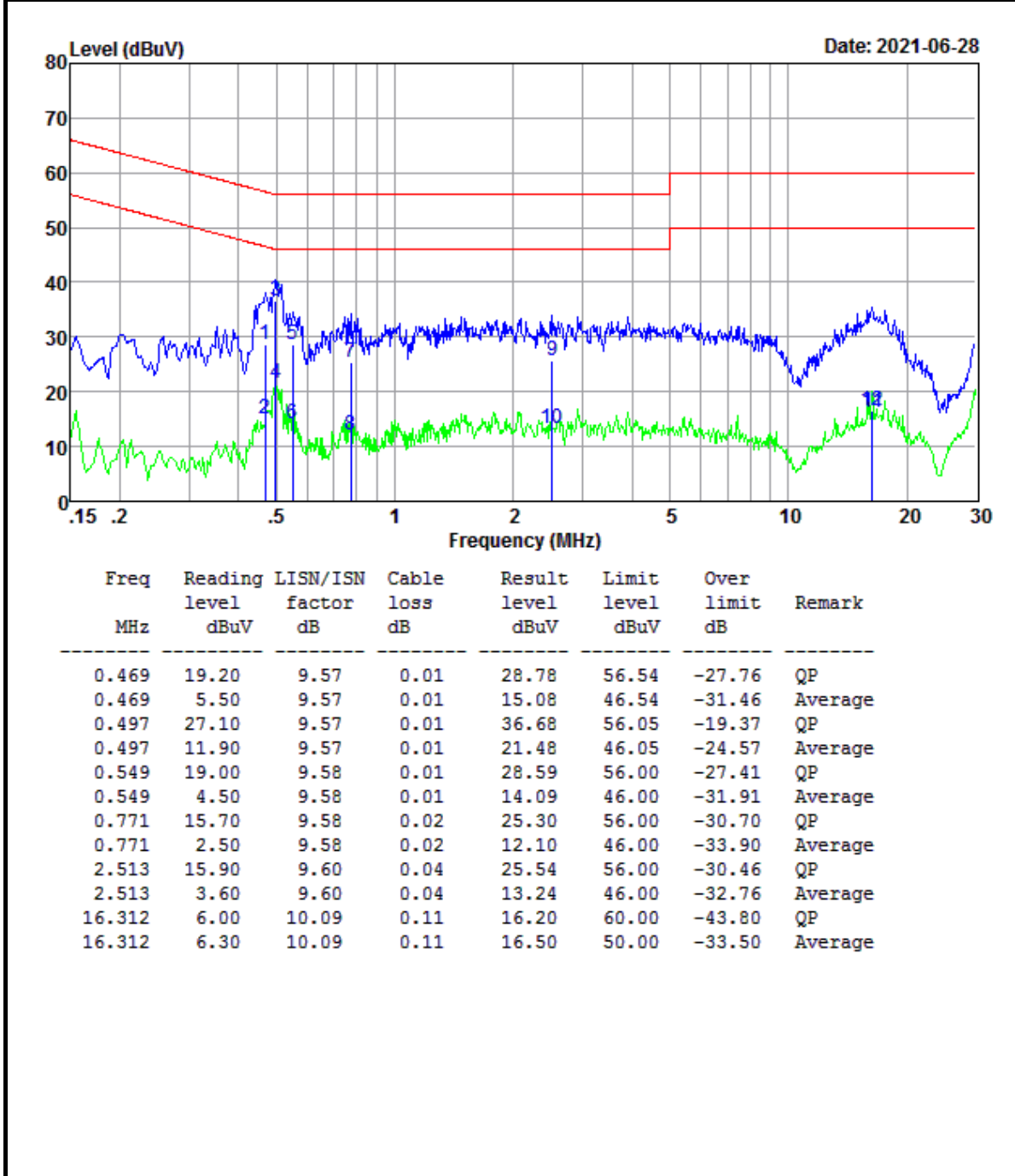
3.5.3 Test Result of AC Conducted Emission

| | | | |
|------------------------|-----------------------------------|----------------------------|------|
| Test Mode : | Mode 1 | Temperature : | 25°C |
| Test Engineer : | Jack Liu | Relative Humidity : | 62% |
| Test Voltage : | 120Vac / 60Hz | Phase : | Line |
| Function Type : | RLAN Linking + Earphone + Adapter | | |





| | | | |
|-----------------|-----------------------------------|---------------------|---------|
| Test Mode : | Mode 1 | Temperature : | 25°C |
| Test Engineer : | Jack Liu | Relative Humidity : | 62% |
| Test Voltage : | 120Vac / 60Hz | Phase : | NEUTRAL |
| Function Type : | RLAN Linking + Earphone + Adapter | | |





3.6 Frequency Stability Measurement

3.6.1 Limit of Frequency Stability

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

3.6.2 Test Procedures

1. To ensure emission at the band edge is maintained within the authorized band, those values shall be measured by radiation emissions at upper and lower frequency points, and finally compensated by frequency deviation as procedures below.
2. The EUT was operated at the maximum output power, and connected to the spectrum analyzer, which is set to maximum hold function and peak detector. The peak value of the power envelope was measured and noted. The upper and lower frequency points were respectively measured relatively 10dB lower than the measured peak value.
3. The frequency deviation was calculated by adding the upper frequency point and the lower frequency point divided by two. Those detailed values of frequency deviation are provided in table below.



3.6.3 Test Result of Frequency Stability

Refer to Appendix D of this test report.

3.7 Automatically Discontinue Transmission

3.7.1 Limit of Automatically Discontinue Transmission

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signaling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization to describe how this requirement is met.

3.7.2 Test Result of Automatically Discontinue Transmission

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving. The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.

3.8 Antenna Requirements

3.8.1 Standard Applicable

If transmitting antenna directional gain is greater than 6 dBi, both the peak transmit power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.8.2 Antenna Connected Construction

An LDS type antenna design is used.

3.8.3 Antenna Gain

The antenna peak gain of EUT is less than 6 dBi. Therefore, it is not necessary to reduce maximum peak output power limit.



4 List of Measuring Equipment

| Instrument | Manufacturer | Model No. | Serial No. | Calibration Date | Due Date | Remark |
|-------------------------------|--------------|-----------|------------|------------------|------------|-----------|
| Spectrum Analyzer | Keysight | N9010A | MY56070788 | 2021-01-05 | 2022-01-04 | Conducted |
| Power Sensor | Keysight | U2021XA | MY56510025 | 2021-01-05 | 2022-01-04 | Conducted |
| Power Sensor | Keysight | U2021XA | MY57030005 | 2021-01-05 | 2022-01-04 | Conducted |
| Power Sensor | Keysight | U2021XA | MY56510018 | 2021-01-05 | 2022-01-04 | Conducted |
| Power Sensor | Keysight | U2021XA | MY56480002 | 2021-01-05 | 2022-01-04 | Conducted |
| Thermal Chamber | Howkin | UHL-34 | 19111801 | 2021-04-21 | 2022-04-20 | Conducted |
| Base Station | R&S | CMW 270 | 101231 | 2021-01-05 | 2022-01-04 | Conducted |
| Signal Generator (Interferer) | Keysight | N5182B | MY56200384 | 2021-01-05 | 2022-01-04 | Conducted |
| Signal Generator (Blocker) | Keysight | N5171B | MY56200661 | 2021-01-05 | 2022-01-04 | Conducted |

| Instrument | Manufacturer | Model No. | Serial No. | Calibration Date | Due Date | Remark |
|-------------------|---------------|---------------|------------|------------------|------------|-----------|
| Spectrum Analyzer | R&S | FSV 40 | 101433 | 2021-01-05 | 2022-01-04 | Radiation |
| Amplifier | Sonoma | 310 | 363917 | 2021-01-06 | 2022-01-05 | Radiation |
| Amplifier | Schwarzbeck | BBV 9718 | 327 | 2021-01-06 | 2022-01-05 | Radiation |
| Amplifier | Narda | TTA1840-35-HG | 2034380 | 2020-11-28 | 2021-11-27 | Radiation |
| Loop Antenna | Schwarzbeck | FMZB 1519B | 1519B-051 | 2020-02-14 | 2023-02-13 | Radiation |
| Broadband Antenna | Schwarzbeck | VULB 9168 | 9168-757 | 2020-09-27 | 2023-09-26 | Radiation |
| Horn Antenna | Schwarzbeck | BBHA 9120 D | 1677 | 2020-02-14 | 2023-02-13 | Radiation |
| Horn Antenna | COM-POWER | AH-1840 | 101117 | 2018-06-19 | 2021-06-18 | Radiation |
| Horn Antenna | COM-POWER | AH-1840 | 101117 | 2021-06-18 | 2024-06-17 | Radiation |
| Test Software | Audix | E3 | 6.111221a | N/A | N/A | Radiation |
| Filter | Micro-Tronics | BRM 50702 | G266 | N/A | N/A | Radiation |



| Instrument | Manufacturer | Model No. | Serial No. | Calibration Date | Due Date | Remark |
|-------------------|--------------|-----------|------------|------------------|------------|-----------|
| LISN | R&S | ENV216 | 102125 | 2021-01-05 | 2022-01-04 | Conducted |
| LISN | R&S | ENV432 | 101327 | 2021-01-06 | 2022-01-05 | Conducted |
| EMI Test Receiver | R&S | ESR3 | 102143 | 2021-01-06 | 2022-01-05 | Conducted |
| EMI Test Software | Audix | E3 | N/A | N/A | N/A | Conducted |

N/A: No Calibration Required

- NOTE:.**
1. The test was performed in 3m Semi-anechoic Chamber and RF Oven Room.
 2. The horn antenna is used only for the measurement of emission frequency above 1GHz if tested.
 3. The FCC Site Registration No. is 525120; The Designation No. is CN1171.



5 Uncertainty of Evaluation

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

| MEASUREMENT | FREQUENCY | UNCERTAINTY |
|---------------------|---------------|-------------|
| Conducted emissions | 9kHz~30MHz | 2.42dB |
| Radiated emissions | 30MHz ~ 1GMHz | 2.50dB |
| | 1GHz ~ 18GHz | 3.51dB |
| | 18GHz ~ 40GHz | 3.96dB |

| MEASUREMENT | UNCERTAINTY |
|----------------------------|-------------|
| Occupied Channel Bandwidth | ±196.4Hz |
| RF output power, conducted | ±2.31dB |
| Power density, conducted | ±2.31dB |

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



Appendix A1: Emission Bandwidth

Test Result

| TestMode | Antenna | Channel | 26db EBW [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|-----------|---------|--------------|----------------|----------|----------|------------|---------|
| 11A | Ant1 | 5180 | 24.040 | 5169.480 | 5193.520 | --- | PASS |
| | | 5200 | 33.240 | 5184.800 | 5218.040 | --- | PASS |
| | | 5240 | 33.520 | 5224.560 | 5258.080 | --- | PASS |
| | | 5260 | 35.760 | 5243.600 | 5279.360 | --- | PASS |
| | | 5280 | 36.160 | 5263.280 | 5299.440 | --- | PASS |
| | | 5320 | 32.040 | 5305.480 | 5337.520 | --- | PASS |
| | | 5500 | 29.520 | 5485.600 | 5515.120 | --- | PASS |
| | | 5580 | 29.800 | 5565.200 | 5595.000 | --- | PASS |
| | | 5700 | 26.160 | 5687.680 | 5713.840 | --- | PASS |
| | | 5720 | 25.880 | 5707.720 | 5733.600 | --- | PASS |
| | | 5720_UNII-2C | 17.28 | 5707.720 | 5725 | --- | PASS |
| | | 5720_UNII-3 | 8.6 | 5725 | 5733.600 | --- | PASS |
| | | 5745 | 32.440 | 5730.040 | 5762.480 | --- | PASS |
| | | 5785 | 26.200 | 5772.600 | 5798.800 | --- | PASS |
| | | 5825 | 26.440 | 5812.480 | 5838.920 | --- | PASS |
| 11N20SISO | Ant1 | 5180 | 23.120 | 5168.840 | 5191.960 | --- | PASS |
| | | 5200 | 30.040 | 5187.200 | 5217.240 | --- | PASS |
| | | 5240 | 28.120 | 5227.480 | 5255.600 | --- | PASS |
| | | 5260 | 32.040 | 5246.160 | 5278.200 | --- | PASS |
| | | 5280 | 33.880 | 5264.320 | 5298.200 | --- | PASS |
| | | 5320 | 27.280 | 5307.720 | 5335.000 | --- | PASS |
| | | 5500 | 24.000 | 5488.400 | 5512.400 | --- | PASS |
| | | 5580 | 27.320 | 5567.040 | 5594.360 | --- | PASS |
| | | 5700 | 26.760 | 5687.680 | 5714.440 | --- | PASS |
| | | 5720 | 27.640 | 5707.120 | 5734.760 | --- | PASS |
| | | 5720_UNII-2C | 17.88 | 5707.120 | 5725 | --- | PASS |
| | | 5720_UNII-3 | 9.76 | 5725 | 5734.760 | --- | PASS |
| | | 5745 | 27.760 | 5732.080 | 5759.840 | --- | PASS |
| | | 5785 | 26.840 | 5772.400 | 5799.240 | --- | PASS |
| | | 5825 | 25.800 | 5812.080 | 5837.880 | --- | PASS |
| 11N40SISO | Ant1 | 5190 | 49.760 | 5168.560 | 5218.320 | --- | PASS |
| | | 5230 | 67.360 | 5201.040 | 5268.400 | --- | PASS |
| | | 5270 | 73.280 | 5236.640 | 5309.920 | --- | PASS |



| | | | | | | | |
|------------|--------|--------------|----------|----------|----------|-----|------|
| | | 5310 | 41.440 | 5289.200 | 5330.640 | --- | PASS |
| | | 5510 | 41.840 | 5488.720 | 5530.560 | --- | PASS |
| | | 5550 | 59.360 | 5528.240 | 5587.600 | --- | PASS |
| | | 5670 | 45.920 | 5648.640 | 5694.560 | --- | PASS |
| | | 5710 | 45.920 | 5688.720 | 5734.640 | --- | PASS |
| | | 5710_UNII-2C | 36.28 | 5688.720 | 5725 | --- | PASS |
| | | 5710_UNII-3 | 9.64 | 5725 | 5734.640 | --- | PASS |
| | | 5755 | 52.400 | 5733.480 | 5785.880 | --- | PASS |
| | | 5795 | 52.080 | 5773.640 | 5825.720 | --- | PASS |
| 11AC20SISO | Ant1 | 5180 | 22.640 | 5169.080 | 5191.720 | --- | PASS |
| | | 5200 | 28.320 | 5187.680 | 5216.000 | --- | PASS |
| | | 5240 | 28.480 | 5227.680 | 5256.160 | --- | PASS |
| | | 5260 | 30.120 | 5247.080 | 5277.200 | --- | PASS |
| | | 5280 | 33.160 | 5265.240 | 5298.400 | --- | PASS |
| | | 5320 | 25.440 | 5308.600 | 5334.040 | --- | PASS |
| | | 5500 | 25.560 | 5487.720 | 5513.280 | --- | PASS |
| | | 5580 | 27.360 | 5566.800 | 5594.160 | --- | PASS |
| | | 5700 | 25.600 | 5686.720 | 5712.320 | --- | PASS |
| | | 5720 | 25.480 | 5706.760 | 5732.240 | --- | PASS |
| | | 5720_UNII-2C | 18.24 | 5706.760 | 5725 | --- | PASS |
| | | 5720_UNII-3 | 7.24 | 5725 | 5732.240 | --- | PASS |
| | | 5745 | 28.200 | 5731.760 | 5759.960 | --- | PASS |
| | | 5785 | 26.480 | 5772.680 | 5799.160 | --- | PASS |
| 5825 | 25.760 | 5812.400 | 5838.160 | --- | PASS | | |
| 11AC40SISO | Ant1 | 5190 | 41.680 | 5168.880 | 5210.560 | --- | PASS |
| | | 5230 | 60.080 | 5207.600 | 5267.680 | --- | PASS |
| | | 5270 | 65.440 | 5243.360 | 5308.800 | --- | PASS |
| | | 5310 | 53.360 | 5288.000 | 5341.360 | --- | PASS |
| | | 5510 | 41.840 | 5488.800 | 5530.640 | --- | PASS |
| | | 5550 | 50.400 | 5528.000 | 5578.400 | --- | PASS |
| | | 5670 | 49.600 | 5648.560 | 5698.160 | --- | PASS |
| | | 5710 | 49.680 | 5688.720 | 5738.400 | --- | PASS |
| | | 5710_UNII-2C | 36.28 | 5688.720 | 5725 | --- | PASS |
| | | 5710_UNII-3 | 13.4 | 5725 | 5738.400 | --- | PASS |
| | | 5755 | 49.680 | 5733.720 | 5783.400 | --- | PASS |
| | | 5795 | 41.760 | 5773.800 | 5815.560 | --- | PASS |
| 11AC80SISO | Ant1 | 5210 | 84.000 | 5168.080 | 5252.080 | --- | PASS |



| | | | | | | | |
|--|--|--------------|--------|----------|----------|-----|------|
| | | 5290 | 84.320 | 5247.920 | 5332.240 | --- | PASS |
| | | 5530 | 84.320 | 5487.440 | 5571.760 | --- | PASS |
| | | 5610 | 84.480 | 5566.640 | 5651.120 | --- | PASS |
| | | 5690 | 83.680 | 5647.920 | 5731.600 | --- | PASS |
| | | 5690_UNII-2C | 77.08 | 5647.920 | 5725 | --- | PASS |
| | | 5690_UNII-3 | 6.6 | 5725 | 5731.600 | --- | PASS |
| | | 5775 | 83.360 | 5733.080 | 5816.440 | --- | PASS |



Test Graphs



11A_Ant1_5180



11A_Ant1_5200



BUREAU VERITAS

Test Report No.: RFBGDJ-W7L-P21060011-6



11A_Ant1_5240

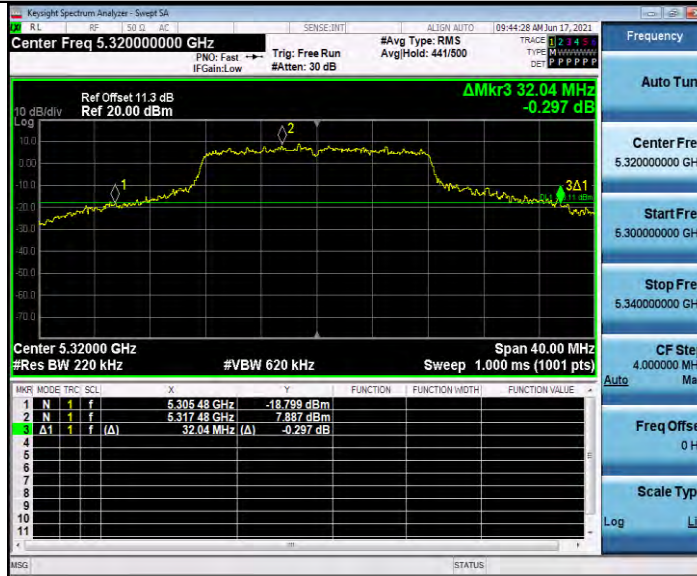


11A_Ant1_5260





11A_Ant1_5280



11A_Ant1_5320



11A_Ant1_5500



11A_Ant1_5580



11A_Ant1_5700





11A_Ant1_5720



11A_Ant1_5745



11A_Ant1_5785



BUREAU VERITAS

Test Report No.: RFBGDJ-W7L-P21060011-6



11A_Ant1_5825



11N20SISO_Ant1_5180





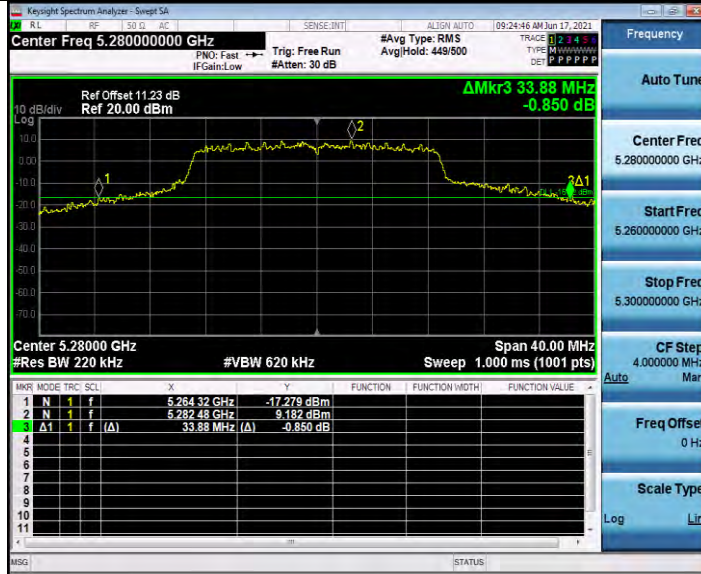
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11N20SISO_Ant1_5240



11N20SISO_Ant1_5260



11N20SISO_Ant1_5280



11N20SISO_Ant1_5320





11N20SISO_Ant1_5500



11N20SISO_Ant1_5580



11N20SISO_Ant1_5700



BUREAU VERITAS

Test Report No.: RFBGDJ-W7L-P21060011-6



11N20SISO_Ant1_5720



11N20SISO_Ant1_5745





11N20SISO_Ant1_5785



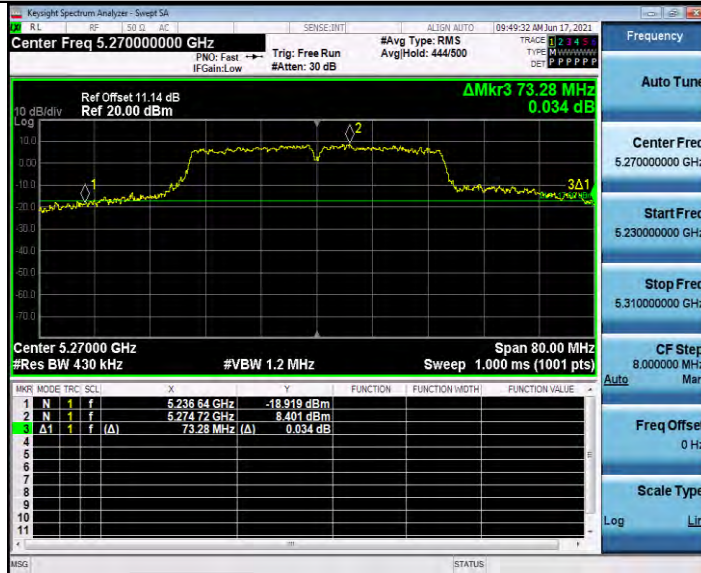
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11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11N40SISO_Ant1_5270

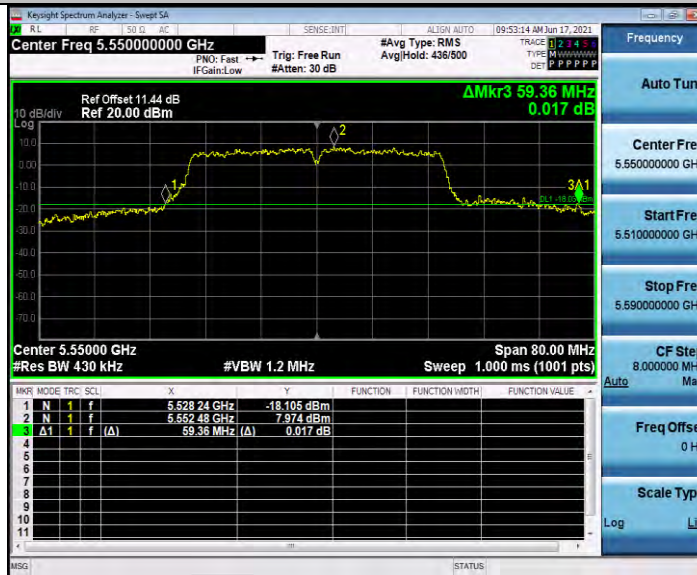




11N40SISO_Ant1_5310



11N40SISO_Ant1_5510

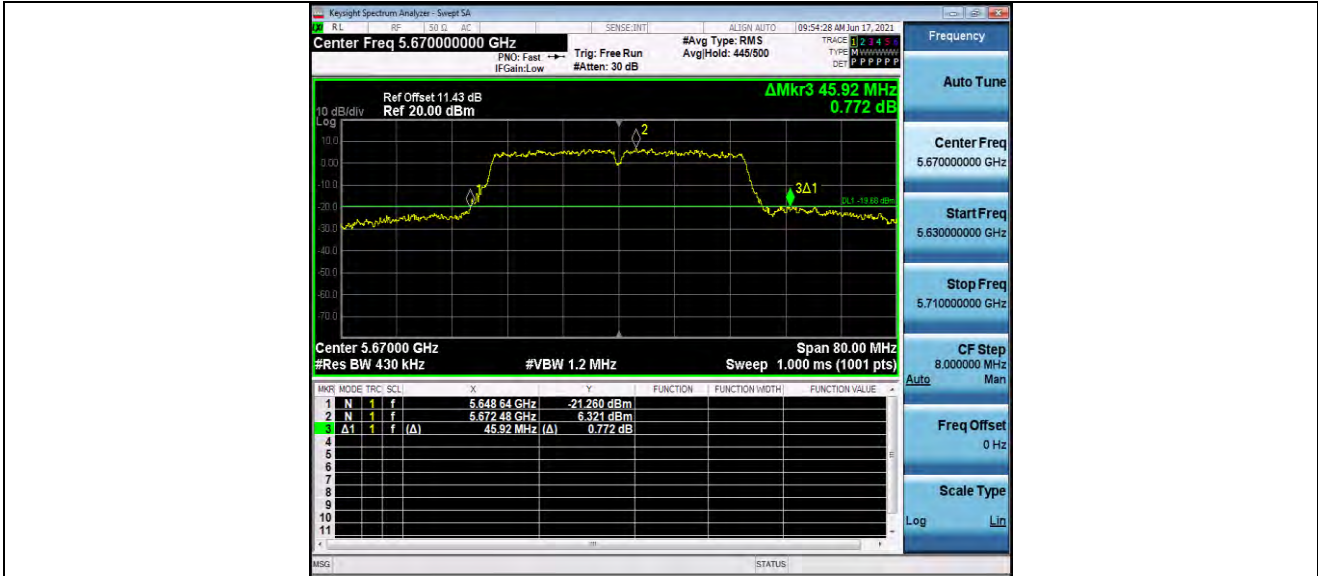


11N40SISO_Ant1_5550



BUREAU VERITAS

Test Report No.: RFBGDJ-W7L-P21060011-6



11N40SISO_Ant1_5670

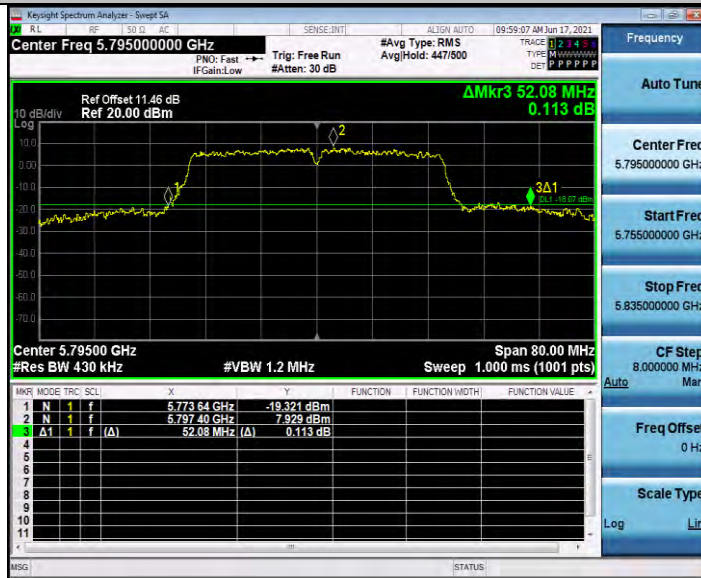


11N40SISO_Ant1_5710





11N40SISO_Ant1_5755



11N40SISO_Ant1_5795

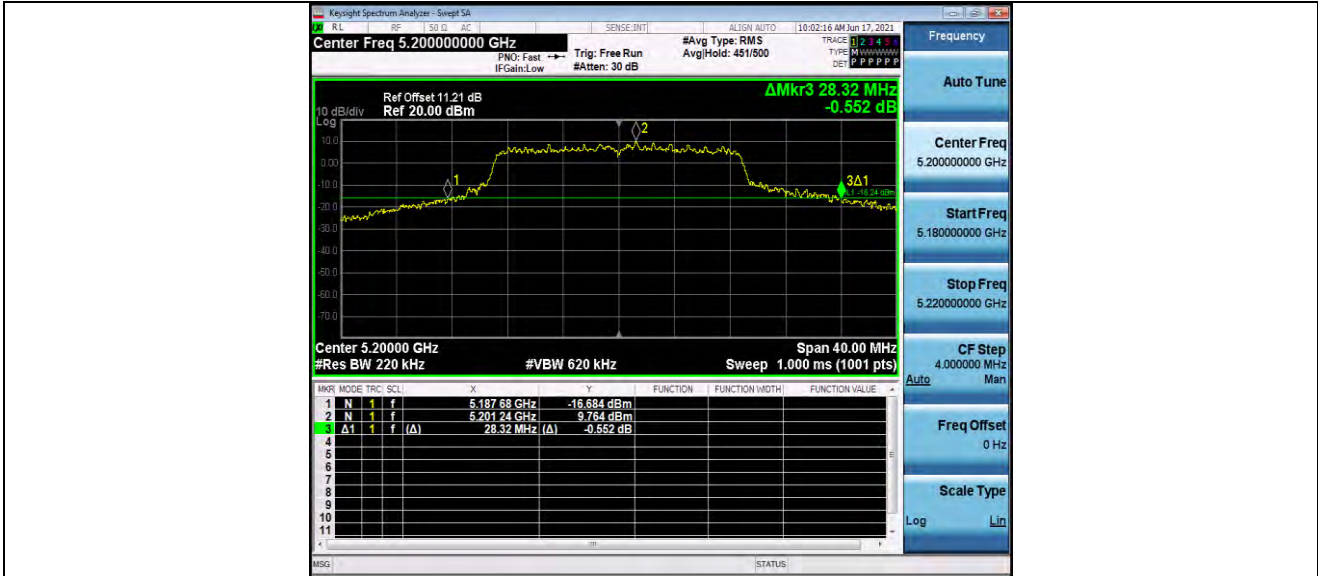


11AC20SISO_Ant1_5180



BUREAU VERITAS

Test Report No.: RFBGDJ-W7L-P21060011-6



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240

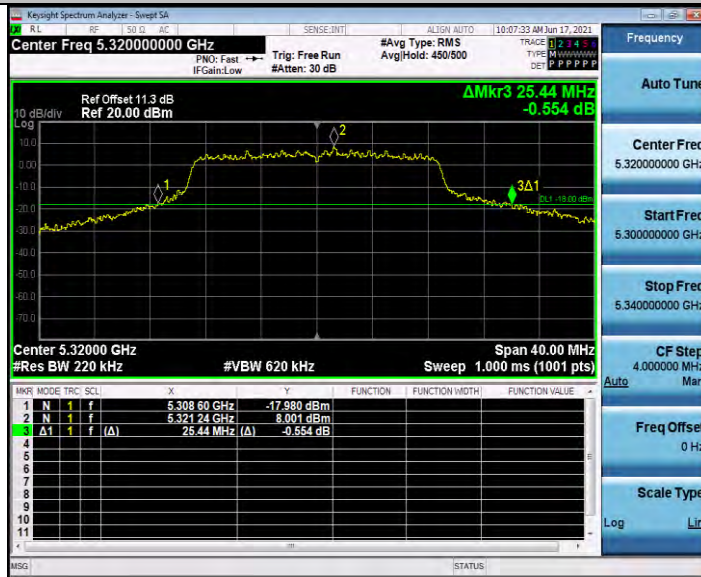




11AC20SISO_Ant1_5260



11AC20SISO_Ant1_5280



11AC20SISO_Ant1_5320



BUREAU VERITAS

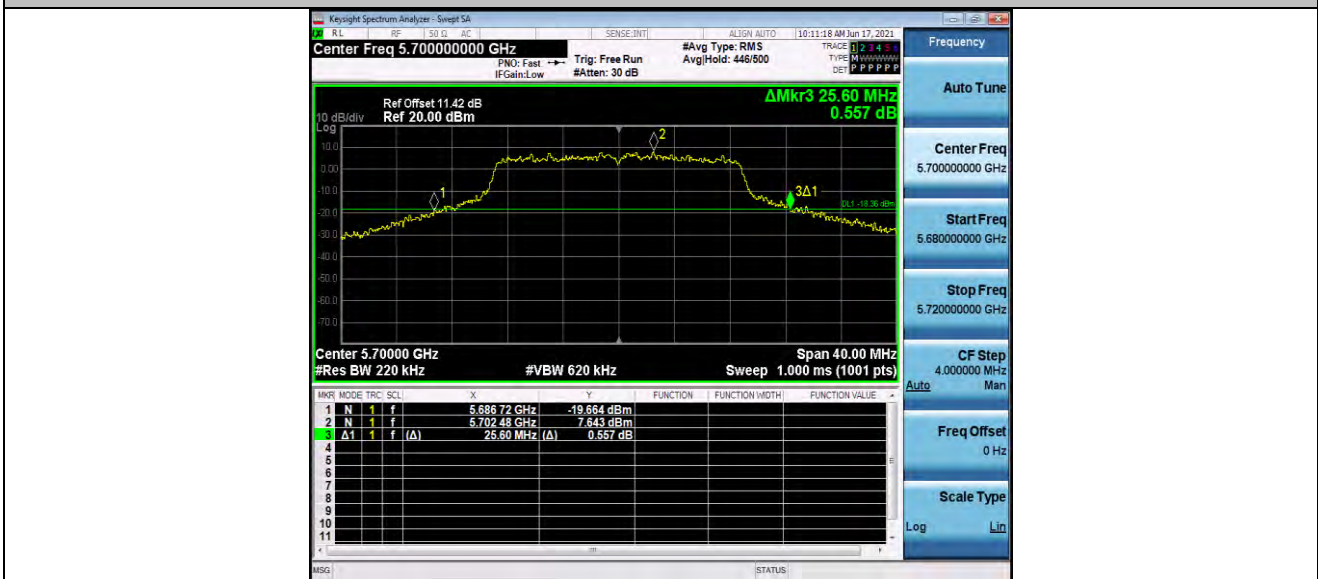
Test Report No.: RFBGDJ-W7L-P21060011-6



11AC20SISO_Ant1_5500



11AC20SISO_Ant1_5580





11AC20SISO_Ant1_5700



11AC20SISO_Ant1_5720



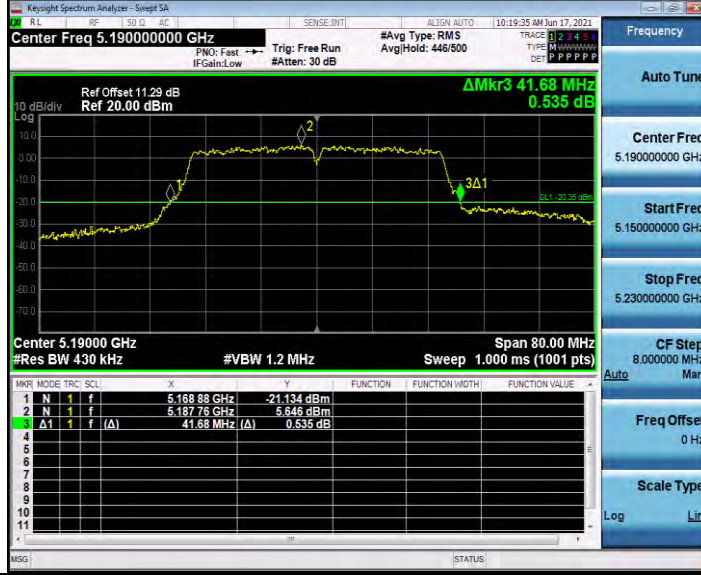
11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825

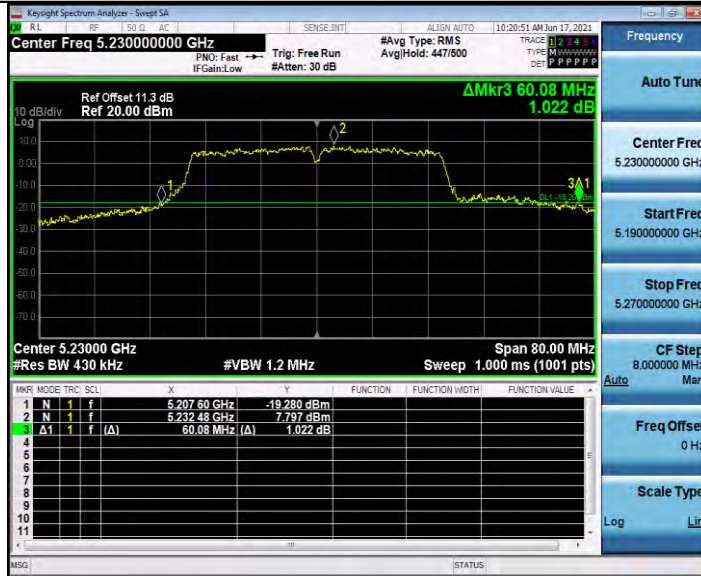




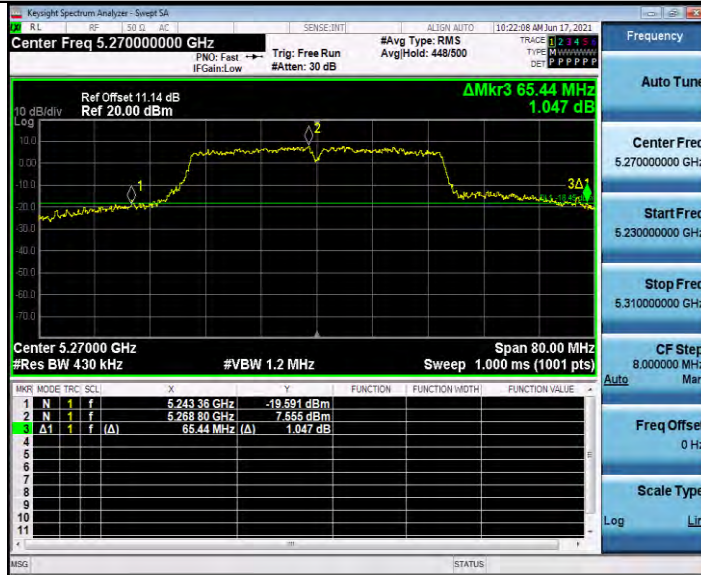
BUREAU VERITAS

Test Report No.: RFBGDJ-W7L-P21060011-6

11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5270



BUREAU VERITAS

Test Report No.: RFBGDJ-W7L-P21060011-6



11AC40SISO_Ant1_5310



11AC40SISO_Ant1_5510

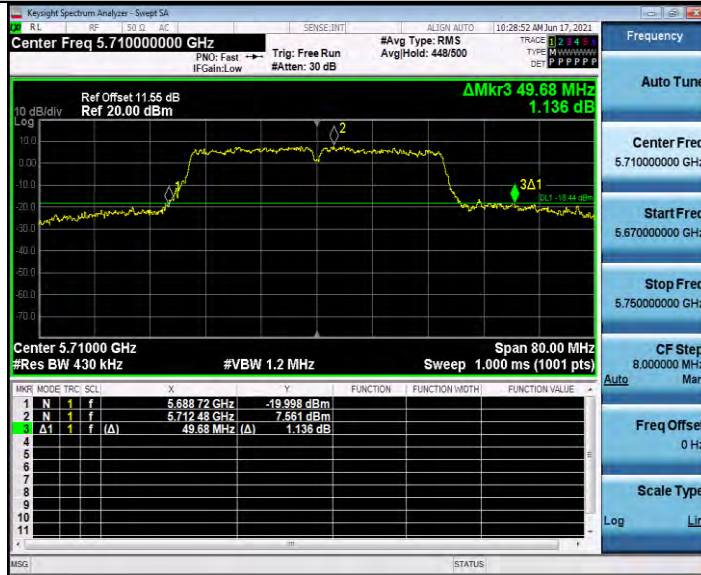




11AC40SISO_Ant1_5550



11AC40SISO_Ant1_5670



11AC40SISO_Ant1_5710



BUREAU VERITAS

Test Report No.: RFBGDJ-W7L-P21060011-6



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795





11AC80SISO_Ant1_5210



11AC80SISO_Ant1_5290



11AC80SISO_Ant1_5530



BUREAU VERITAS

Test Report No.: RFBGDJ-W7L-P21060011-6



11AC80SISO_Ant1_5610



11AC80SISO_Ant1_5690





BUREAU
VERITAS

Test Report No.: RFBGDJ-W7L-P21060011-6

11AC80SISO_Ant1_5775



Appendix A2: Occupied channel bandwidth

Test Result

| TestMode | Antenna | Channel | OCB [MHz] | FL[MHz] | FH[MHz] | Limit[MHz] | Verdict |
|-----------|---------|--------------|-----------|----------|----------|------------|---------|
| 11A | Ant1 | 5180 | 17.174 | 5171.499 | 5188.673 | --- | PASS |
| | | 5200 | 21.240 | 5190.920 | 5212.160 | --- | PASS |
| | | 5240 | 20.907 | 5230.981 | 5251.888 | --- | PASS |
| | | 5260 | 21.877 | 5250.603 | 5272.480 | --- | PASS |
| | | 5280 | 22.453 | 5270.274 | 5292.727 | --- | PASS |
| | | 5320 | 18.544 | 5311.317 | 5329.861 | --- | PASS |
| | | 5500 | 17.488 | 5491.344 | 5508.832 | --- | PASS |
| | | 5580 | 18.153 | 5571.137 | 5589.290 | --- | PASS |
| | | 5700 | 17.326 | 5691.333 | 5708.659 | --- | PASS |
| | | 5720 | 17.288 | 5711.351 | 5728.639 | --- | PASS |
| | | 5720_UNII-2C | 13.649 | 5711.351 | 5725 | --- | PASS |
| | | 5720_UNII-3 | 3.639 | 5725 | 5728.639 | --- | PASS |
| | | 5745 | 18.278 | 5736.204 | 5754.482 | --- | PASS |
| | | 5785 | 17.636 | 5776.305 | 5793.941 | --- | PASS |
| | | 5825 | 17.360 | 5816.386 | 5833.746 | --- | PASS |
| 11N20SISO | Ant1 | 5180 | 18.070 | 5171.007 | 5189.077 | --- | PASS |
| | | 5200 | 19.195 | 5190.833 | 5210.028 | --- | PASS |
| | | 5240 | 19.103 | 5230.865 | 5249.968 | --- | PASS |
| | | 5260 | 19.698 | 5250.833 | 5270.531 | --- | PASS |
| | | 5280 | 20.344 | 5270.712 | 5291.056 | --- | PASS |
| | | 5320 | 18.368 | 5310.919 | 5329.287 | --- | PASS |
| | | 5500 | 18.300 | 5490.900 | 5509.200 | --- | PASS |
| | | 5580 | 18.523 | 5570.814 | 5589.337 | --- | PASS |
| | | 5700 | 18.320 | 5690.862 | 5709.182 | --- | PASS |
| | | 5720 | 18.348 | 5710.855 | 5729.203 | --- | PASS |
| | | 5720_UNII-2C | 14.145 | 5710.855 | 5725 | --- | PASS |
| | | 5720_UNII-3 | 4.203 | 5725 | 5729.203 | --- | PASS |
| | | 5745 | 18.498 | 5735.846 | 5754.344 | --- | PASS |
| | | 5785 | 18.327 | 5775.865 | 5794.192 | --- | PASS |
| | | 5825 | 18.286 | 5815.883 | 5834.169 | --- | PASS |
| 11N40SISO | Ant1 | 5190 | 36.675 | 5171.741 | 5208.416 | --- | PASS |
| | | 5230 | 37.735 | 5211.488 | 5249.223 | --- | PASS |
| | | 5270 | 40.585 | 5251.367 | 5291.952 | --- | PASS |



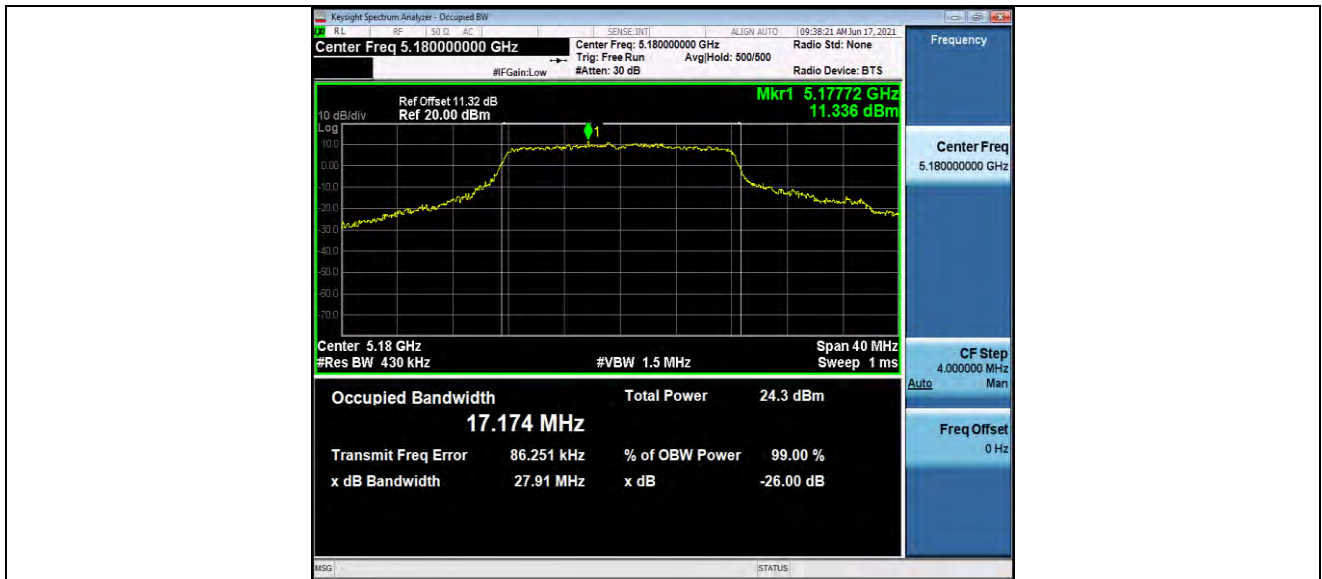
| | | | | | | | |
|------------|------|--------------|--------|----------|----------|-----|------|
| | | 5310 | 36.531 | 5291.830 | 5328.361 | --- | PASS |
| | | 5510 | 36.558 | 5491.765 | 5528.323 | --- | PASS |
| | | 5550 | 36.783 | 5531.702 | 5568.485 | --- | PASS |
| | | 5670 | 36.610 | 5651.738 | 5688.348 | --- | PASS |
| | | 5710 | 36.605 | 5691.716 | 5728.321 | --- | PASS |
| | | 5710_UNII-2C | 33.284 | 5691.716 | 5725 | --- | PASS |
| | | 5710_UNII-3 | 3.321 | 5725 | 5728.321 | --- | PASS |
| | | 5755 | 36.703 | 5736.668 | 5773.371 | --- | PASS |
| | | 5795 | 36.638 | 5776.707 | 5813.345 | --- | PASS |
| 11AC20SISO | Ant1 | 5180 | 18.048 | 5171.016 | 5189.064 | --- | PASS |
| | | 5200 | 19.174 | 5190.842 | 5210.016 | --- | PASS |
| | | 5240 | 19.225 | 5230.840 | 5250.065 | --- | PASS |
| | | 5260 | 19.820 | 5250.802 | 5270.622 | --- | PASS |
| | | 5280 | 20.341 | 5270.715 | 5291.056 | --- | PASS |
| | | 5320 | 18.402 | 5310.913 | 5329.315 | --- | PASS |
| | | 5500 | 18.271 | 5490.899 | 5509.170 | --- | PASS |
| | | 5580 | 18.606 | 5570.772 | 5589.378 | --- | PASS |
| | | 5700 | 18.219 | 5690.898 | 5709.117 | --- | PASS |
| | | 5720 | 18.265 | 5710.876 | 5729.141 | --- | PASS |
| | | 5720_UNII-2C | 14.124 | 5710.876 | 5725 | --- | PASS |
| | | 5720_UNII-3 | 4.141 | 5725 | 5729.141 | --- | PASS |
| | | 5745 | 18.615 | 5735.818 | 5754.433 | --- | PASS |
| | | 5785 | 18.362 | 5775.859 | 5794.221 | --- | PASS |
| | | 5825 | 18.306 | 5815.872 | 5834.178 | --- | PASS |
| 11AC40SISO | Ant1 | 5190 | 36.422 | 5171.853 | 5208.275 | --- | PASS |
| | | 5230 | 36.929 | 5211.670 | 5248.599 | --- | PASS |
| | | 5270 | 37.150 | 5251.654 | 5288.804 | --- | PASS |
| | | 5310 | 36.714 | 5291.748 | 5328.462 | --- | PASS |
| | | 5510 | 36.409 | 5491.829 | 5528.238 | --- | PASS |
| | | 5550 | 36.633 | 5531.735 | 5568.368 | --- | PASS |
| | | 5670 | 36.605 | 5651.711 | 5688.316 | --- | PASS |
| | | 5710 | 36.634 | 5691.668 | 5728.302 | --- | PASS |
| | | 5710_UNII-2C | 33.332 | 5691.668 | 5725 | --- | PASS |
| | | 5710_UNII-3 | 3.302 | 5725 | 5728.302 | --- | PASS |
| | | 5755 | 36.560 | 5736.739 | 5773.299 | --- | PASS |
| | | 5795 | 36.520 | 5776.736 | 5813.256 | --- | PASS |
| 11AC80SISO | Ant1 | 5210 | 75.767 | 5172.248 | 5248.015 | --- | PASS |



| | | | | | | | |
|--|--|--------------|--------|----------|----------|-----|------|
| | | 5290 | 75.826 | 5252.215 | 5328.041 | --- | PASS |
| | | 5530 | 75.815 | 5492.163 | 5567.978 | --- | PASS |
| | | 5610 | 75.957 | 5571.900 | 5647.857 | --- | PASS |
| | | 5690 | 75.900 | 5651.986 | 5727.886 | --- | PASS |
| | | 5690_UNII-2C | 73.014 | 5651.986 | 5725 | --- | PASS |
| | | 5690_UNII-3 | 2.886 | 5725 | 5727.886 | --- | PASS |
| | | 5775 | 75.875 | 5736.956 | 5812.831 | --- | PASS |



Test Graphs



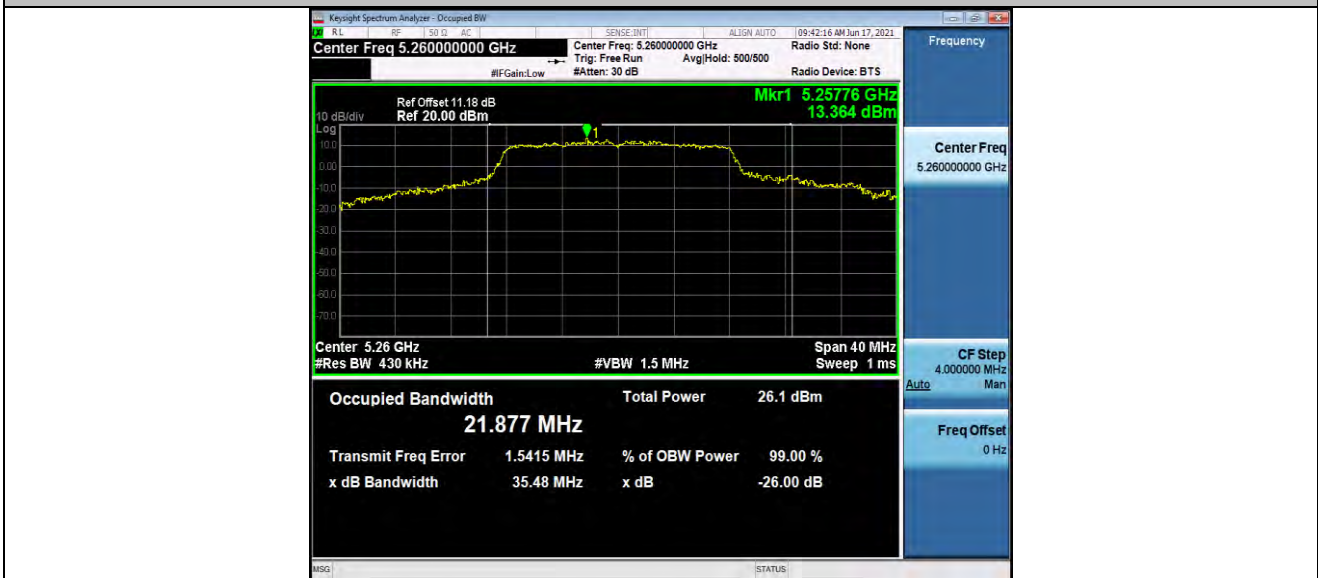
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11A_Ant1_5200



11A_Ant1_5240

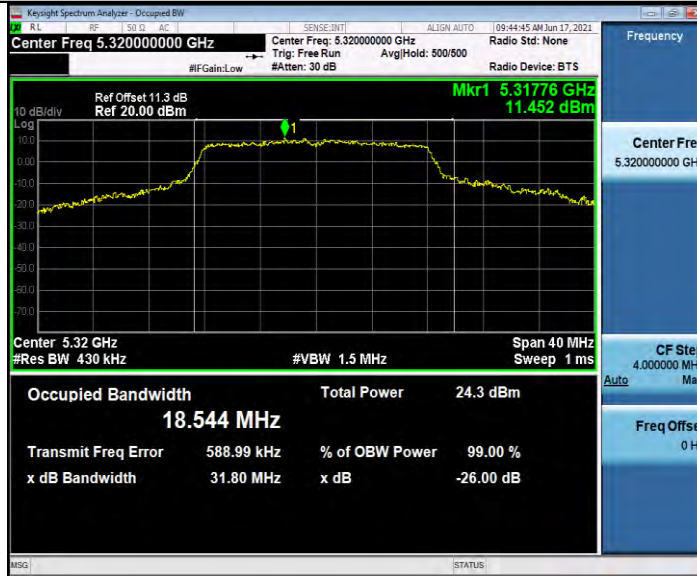


11A_Ant1_5260





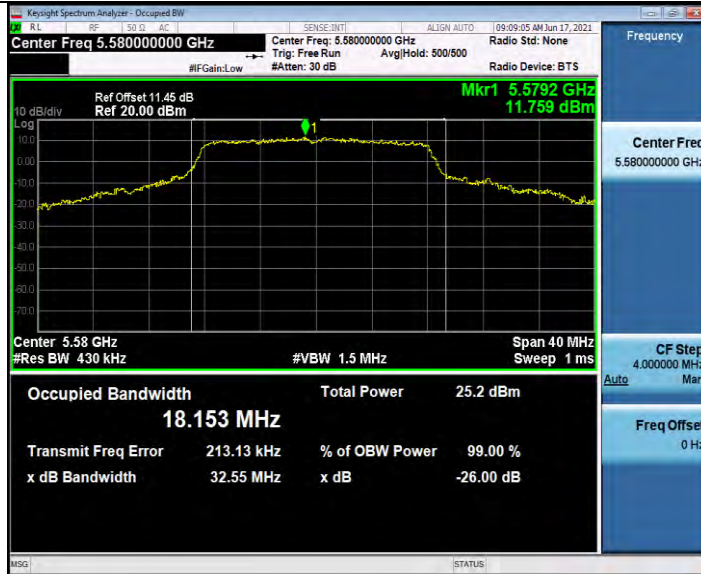
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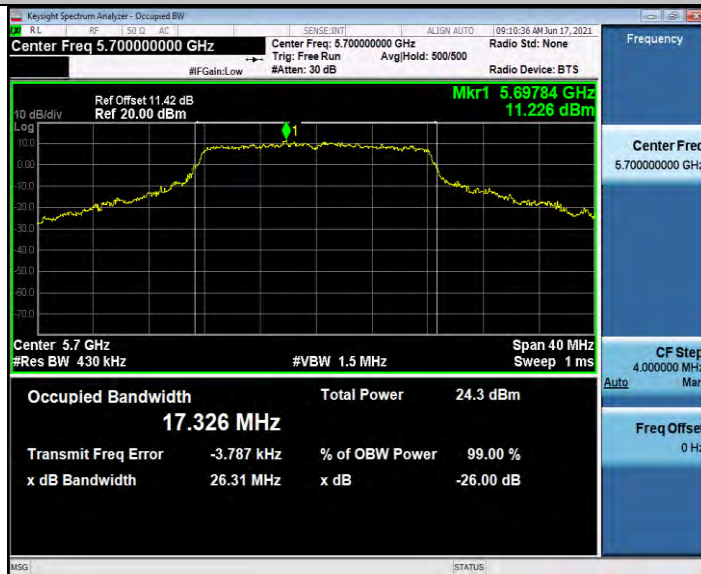
11A_Ant1_5320



11A_Ant1_5500



11A_Ant1_5580



11A_Ant1_5700





11A_Ant1_5720



11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5180

