



BUREAU VERITAS

Test Report No.: PSU-NQN2506100110RF03

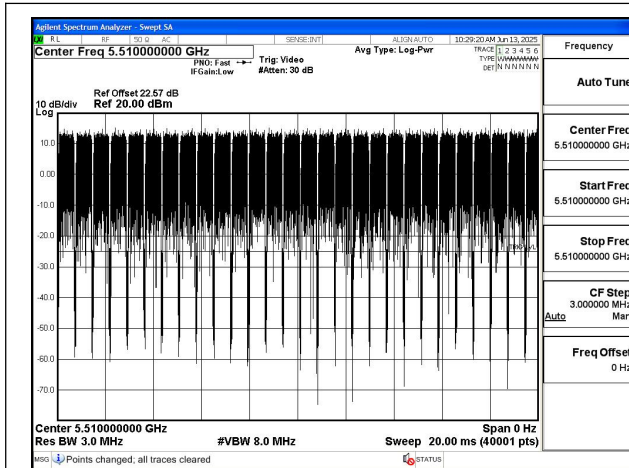


Fig.7

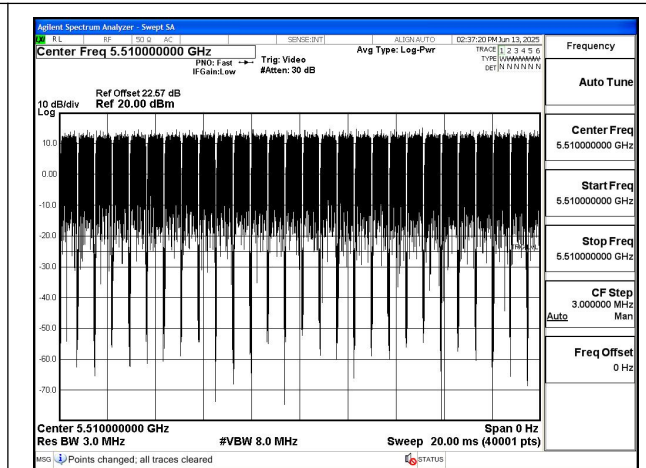


Fig.8

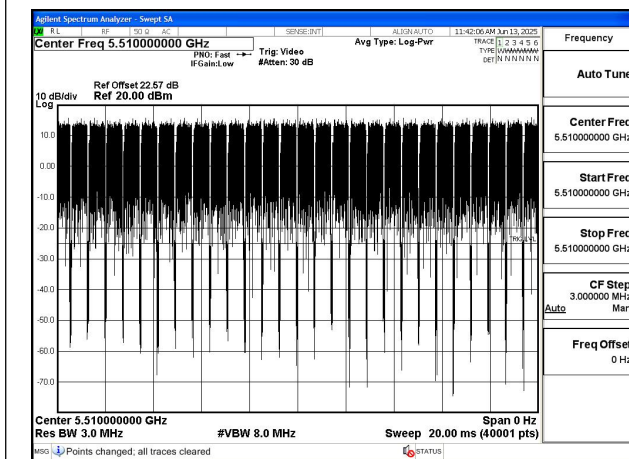


Fig.9

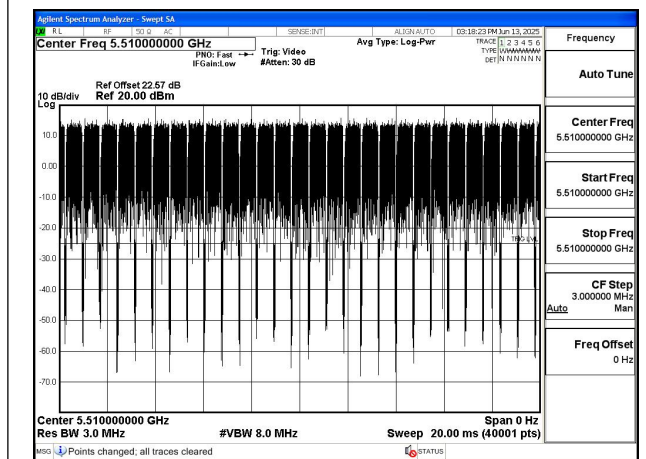


Fig.10

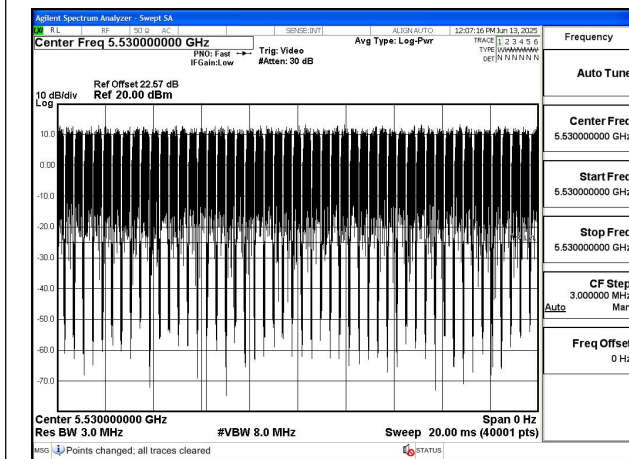


Fig.11

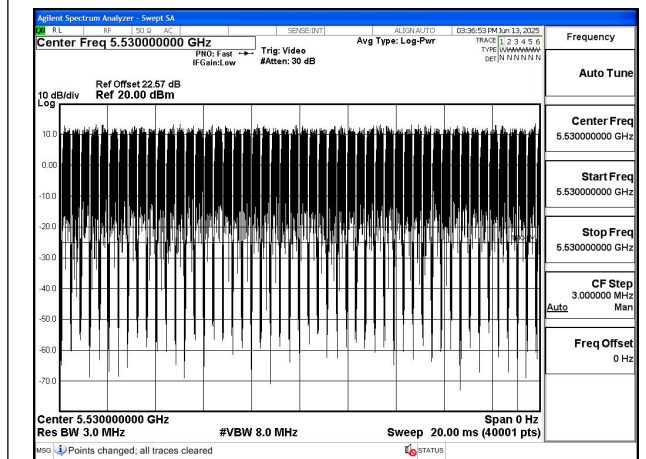


Fig.12



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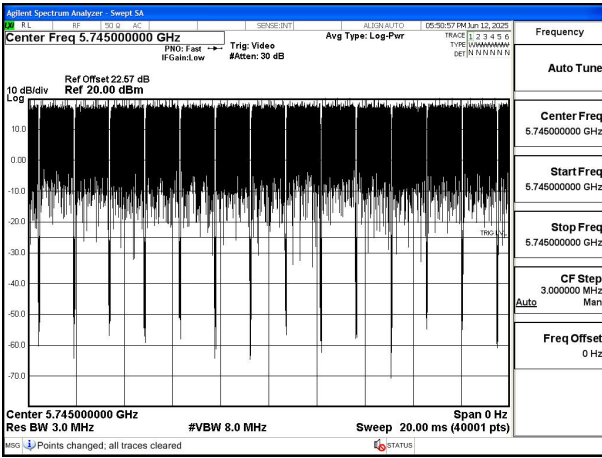


Fig.1

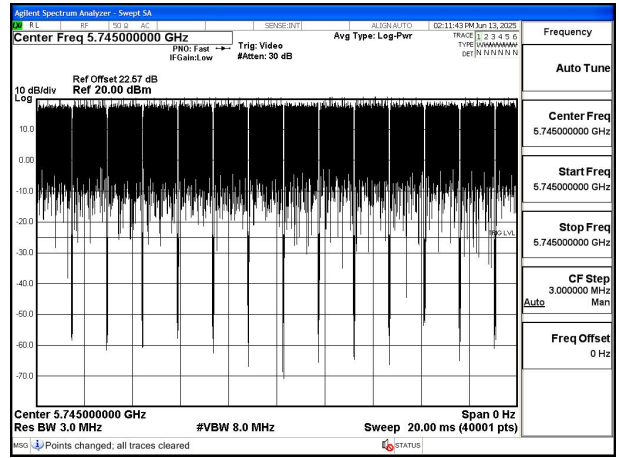


Fig.2

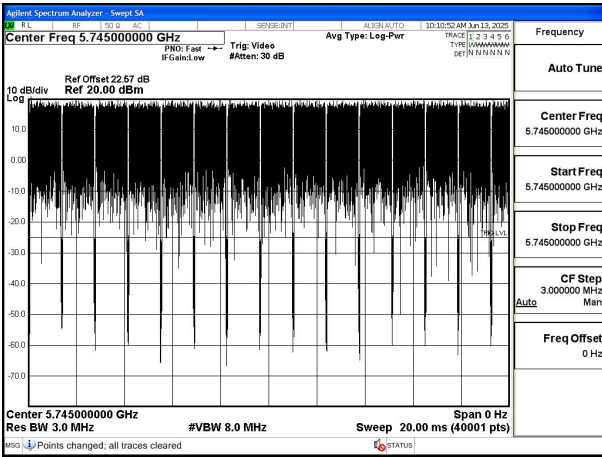


Fig.3

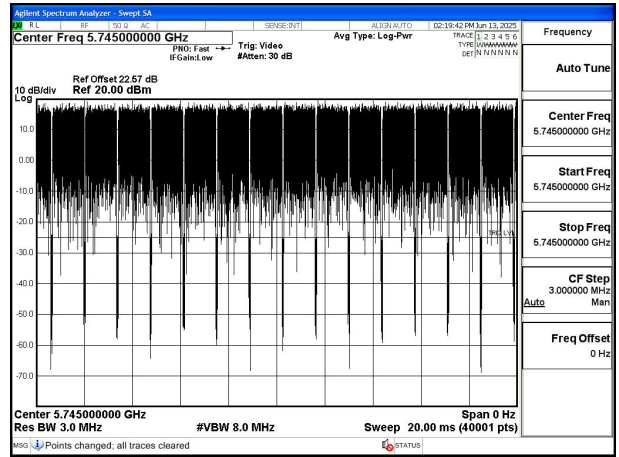


Fig.4

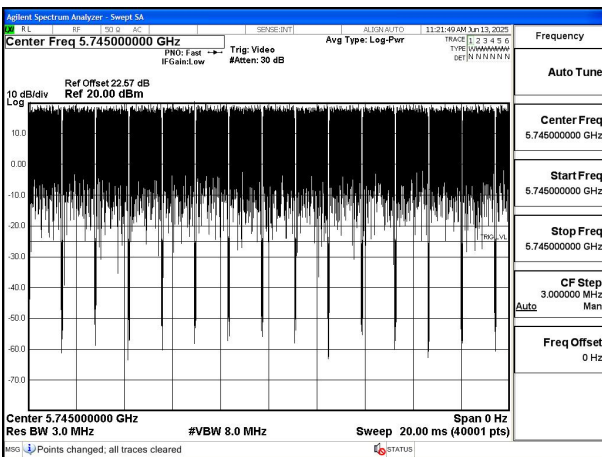


Fig.5

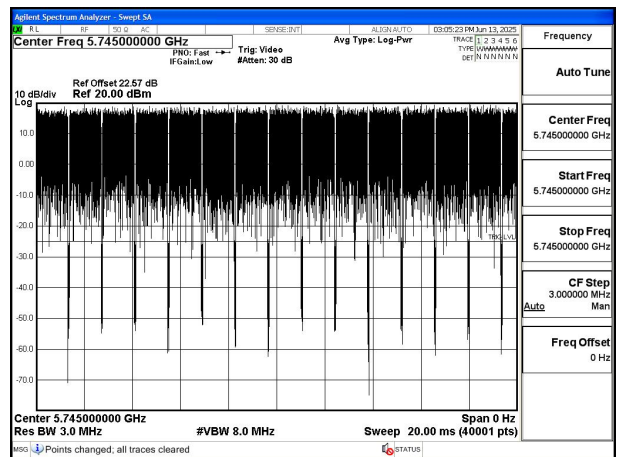


Fig.6

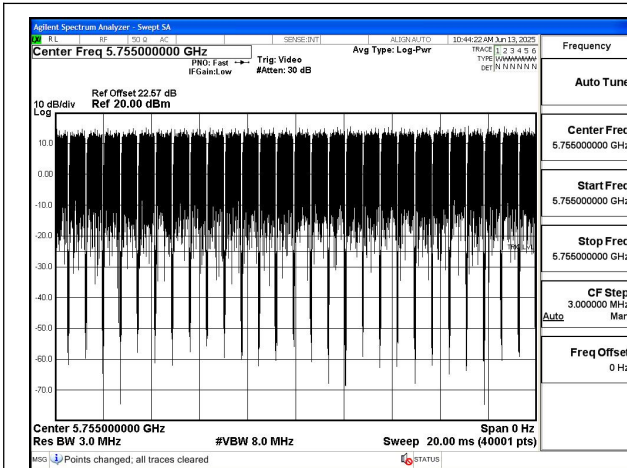


Fig.7

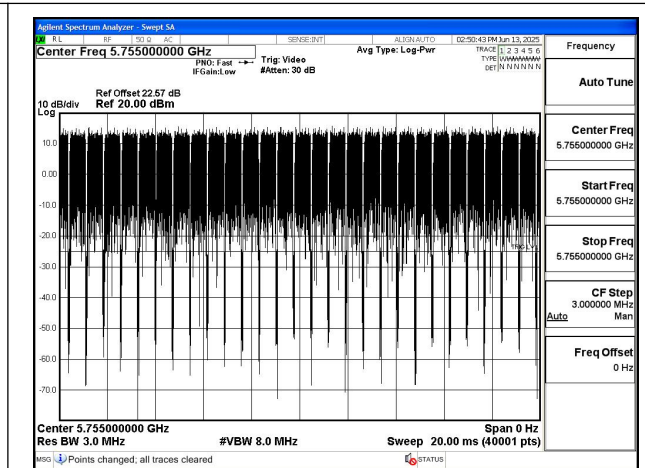


Fig.8

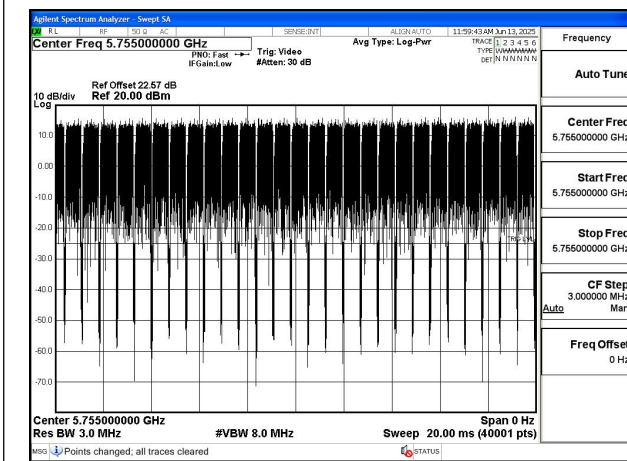


Fig.9

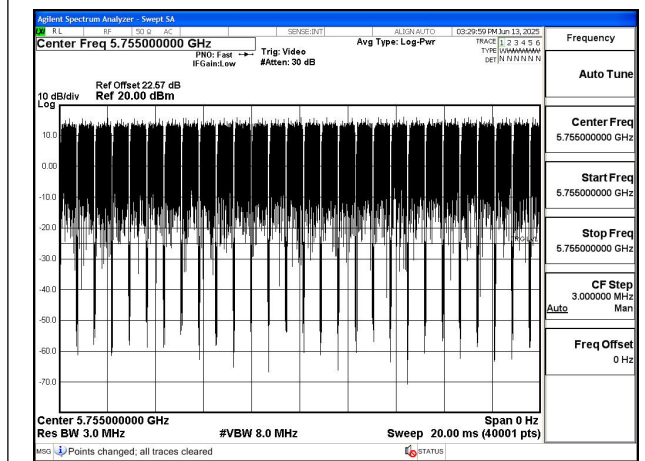


Fig.10

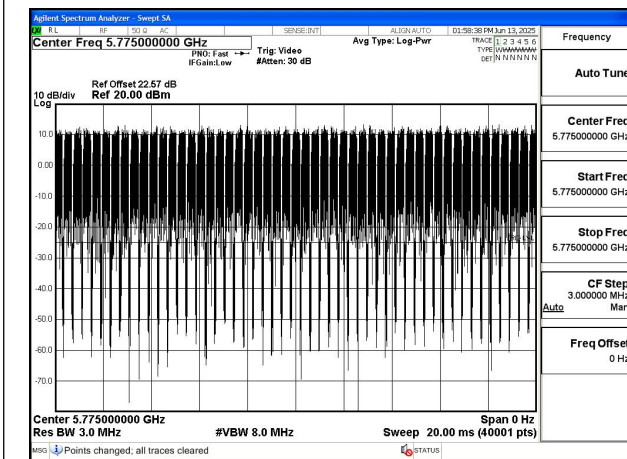


Fig.11

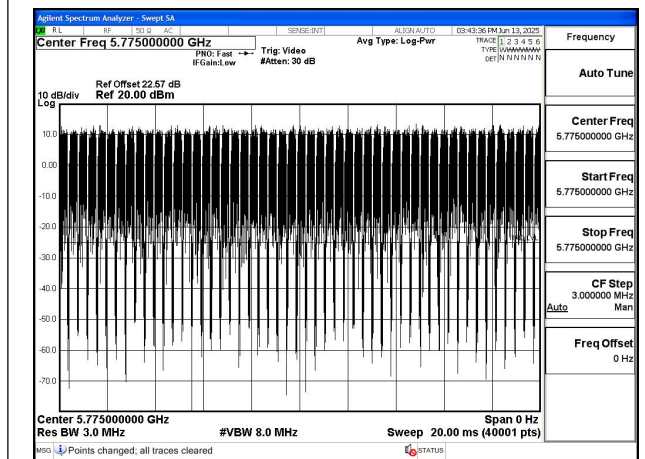


Fig.12



MAXIMUM CONDUCTED OUTPUT POWER

TEST RESULT

- Note: 1. Conducted Power=Measured Power +Duty Cycle Factor
 2. Equivalent Isotropically Radiated Power =Measured Power +Duty Cycle Factor+Gain
 3. Chain0 Gain=3.02dBi, Chain1 Gain=-0.01dBi.

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| Mode | Tones/ RU Index | Frequency (MHz) | Antenna | Conducted average power output(dBm) | EIRP (dBm) |
|----------------|--------------------|--------------------|---------|--|---------------|
| 802.11a | NA | 5180 | Chain0 | 16.96 | 19.98 |
| 802.11a | NA | 5180 | Chain1 | 16.09 | 16.08 |
| 802.11a | NA | 5220 | Chain0 | 16.05 | 19.07 |
| 802.11a | NA | 5220 | Chain1 | 16.27 | 16.26 |
| 802.11a | NA | 5240 | Chain0 | 16.42 | 19.44 |
| 802.11a | NA | 5240 | Chain1 | 16.12 | 16.11 |
| 802.11n HT20 | NA | 5180 | Chain0 | 16.13 | 19.15 |
| 802.11n HT20 | NA | 5180 | Chain1 | 16.14 | 16.13 |
| 802.11n HT20 | NA | 5180 | MIMO | 19.15 | 22.17 |
| 802.11n HT20 | NA | 5220 | Chain0 | 16.42 | 19.44 |
| 802.11n HT20 | NA | 5220 | Chain1 | 16.23 | 16.22 |
| 802.11n HT20 | NA | 5220 | MIMO | 19.34 | 22.36 |
| 802.11n HT20 | NA | 5240 | Chain0 | 16.67 | 19.69 |
| 802.11n HT20 | NA | 5240 | Chain1 | 16.09 | 16.08 |
| 802.11n HT20 | NA | 5240 | MIMO | 19.40 | 22.42 |
| 802.11ac VHT20 | NA | 5180 | Chain0 | 16.49 | 19.51 |
| 802.11ac VHT20 | NA | 5180 | Chain1 | 16.18 | 16.17 |
| 802.11ac VHT20 | NA | 5180 | MIMO | 19.35 | 22.37 |
| 802.11ac VHT20 | NA | 5220 | Chain0 | 16.82 | 19.84 |
| 802.11ac VHT20 | NA | 5220 | Chain1 | 16.13 | 16.12 |
| 802.11ac VHT20 | NA | 5220 | MIMO | 19.50 | 22.52 |
| 802.11ac VHT20 | NA | 5240 | Chain0 | 16.00 | 19.02 |
| 802.11ac VHT20 | NA | 5240 | Chain1 | 16.43 | 16.42 |



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| | | | | | |
|----------------|----|------|--------|-------|-------|
| 802.11ac VHT20 | NA | 5240 | MIMO | 19.23 | 22.25 |
| 802.11n HT40 | NA | 5190 | Chain0 | 15.39 | 18.41 |
| 802.11n HT40 | NA | 5190 | Chain1 | 15.54 | 15.53 |
| 802.11n HT40 | NA | 5190 | MIMO | 18.48 | 21.50 |
| 802.11n HT40 | NA | 5230 | Chain0 | 15.69 | 18.71 |
| 802.11n HT40 | NA | 5230 | Chain1 | 15.27 | 15.26 |
| 802.11n HT40 | NA | 5230 | MIMO | 18.50 | 21.52 |
| 802.11ac VHT40 | NA | 5190 | Chain0 | 16.46 | 19.48 |
| 802.11ac VHT40 | NA | 5190 | Chain1 | 16.14 | 16.13 |
| 802.11ac VHT40 | NA | 5190 | MIMO | 19.31 | 22.33 |
| 802.11ac VHT40 | NA | 5230 | Chain0 | 16.53 | 19.55 |
| 802.11ac VHT40 | NA | 5230 | Chain1 | 16.19 | 16.18 |
| 802.11ac VHT40 | NA | 5230 | MIMO | 19.37 | 22.39 |
| 802.11ac VHT80 | NA | 5210 | Chain0 | 16.39 | 19.41 |
| 802.11ac VHT80 | NA | 5210 | Chain1 | 16.32 | 16.31 |
| 802.11ac VHT80 | NA | 5210 | MIMO | 19.37 | 22.39 |



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| Mode | Tones/ RU Index | Frequency (MHz) | Antenna | Conducted average power output(dBm) | EIRP (dBm) |
|----------------|--------------------|--------------------|---------|--|---------------|
| 802.11a | NA | 5260 | Chain0 | 16.15 | 19.17 |
| 802.11a | NA | 5260 | Chain1 | 16.89 | 16.88 |
| 802.11a | NA | 5280 | Chain0 | 16.26 | 19.28 |
| 802.11a | NA | 5280 | Chain1 | 16.92 | 16.91 |
| 802.11a | NA | 5320 | Chain0 | 16.80 | 19.82 |
| 802.11a | NA | 5320 | Chain1 | 16.32 | 16.31 |
| 802.11n HT20 | NA | 5260 | Chain0 | 16.29 | 19.31 |
| 802.11n HT20 | NA | 5260 | Chain1 | 16.29 | 16.28 |
| 802.11n HT20 | NA | 5260 | MIMO | 19.30 | 22.32 |
| 802.11n HT20 | NA | 5280 | Chain0 | 16.03 | 19.05 |
| 802.11n HT20 | NA | 5280 | Chain1 | 16.08 | 16.07 |
| 802.11n HT20 | NA | 5280 | MIMO | 19.07 | 22.09 |
| 802.11n HT20 | NA | 5320 | Chain0 | 16.69 | 19.71 |
| 802.11n HT20 | NA | 5320 | Chain1 | 16.20 | 16.19 |
| 802.11n HT20 | NA | 5320 | MIMO | 19.46 | 22.48 |
| 802.11ac VHT20 | NA | 5260 | Chain0 | 16.16 | 19.18 |
| 802.11ac VHT20 | NA | 5260 | Chain1 | 16.02 | 16.01 |
| 802.11ac VHT20 | NA | 5260 | MIMO | 19.10 | 22.12 |
| 802.11ac VHT20 | NA | 5280 | Chain0 | 16.27 | 19.29 |
| 802.11ac VHT20 | NA | 5280 | Chain1 | 16.21 | 16.20 |
| 802.11ac VHT20 | NA | 5280 | MIMO | 19.25 | 22.27 |
| 802.11ac VHT20 | NA | 5320 | Chain0 | 16.72 | 19.74 |
| 802.11ac VHT20 | NA | 5320 | Chain1 | 16.23 | 16.22 |
| 802.11ac VHT20 | NA | 5320 | MIMO | 19.49 | 22.51 |
| 802.11n HT40 | NA | 5270 | Chain0 | 15.26 | 18.28 |
| 802.11n HT40 | NA | 5270 | Chain1 | 15.59 | 15.58 |
| 802.11n HT40 | NA | 5270 | MIMO | 18.44 | 21.46 |
| 802.11n HT40 | NA | 5310 | Chain0 | 15.52 | 18.54 |
| 802.11n HT40 | NA | 5310 | Chain1 | 15.13 | 15.12 |
| 802.11n HT40 | NA | 5310 | MIMO | 18.34 | 21.36 |



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|----------------|----|------|--------|-------|-------|
| 802.11ac VHT40 | NA | 5270 | Chain0 | 16.51 | 19.53 |
| 802.11ac VHT40 | NA | 5270 | Chain1 | 16.65 | 16.64 |
| 802.11ac VHT40 | NA | 5270 | MIMO | 19.59 | 22.61 |
| 802.11ac VHT40 | NA | 5310 | Chain0 | 16.59 | 19.61 |
| 802.11ac VHT40 | NA | 5310 | Chain1 | 16.63 | 16.62 |
| 802.11ac VHT40 | NA | 5310 | MIMO | 19.62 | 22.64 |
| 802.11ac VHT80 | NA | 5290 | Chain0 | 16.22 | 19.24 |
| 802.11ac VHT80 | NA | 5290 | Chain1 | 16.14 | 16.13 |
| 802.11ac VHT80 | NA | 5290 | MIMO | 19.19 | 22.21 |



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| Mode | Tones/ RU Index | Frequency (MHz) | Antenna | Conducted average power output(dBm) | EIRP (dBm) |
|----------------|--------------------|--------------------|---------|--|---------------|
| 802.11a | NA | 5500 | Chain0 | 16.45 | 19.47 |
| 802.11a | NA | 5500 | Chain1 | 16.06 | 16.05 |
| 802.11a | NA | 5580 | Chain0 | 16.69 | 19.71 |
| 802.11a | NA | 5580 | Chain1 | 16.65 | 16.64 |
| 802.11a | NA | 5700 | Chain0 | 16.51 | 19.53 |
| 802.11a | NA | 5700 | Chain1 | 16.75 | 16.74 |
| 802.11n HT20 | NA | 5500 | Chain0 | 16.63 | 19.65 |
| 802.11n HT20 | NA | 5500 | Chain1 | 16.45 | 16.44 |
| 802.11n HT20 | NA | 5500 | MIMO | 19.55 | 22.57 |
| 802.11n HT20 | NA | 5580 | Chain0 | 16.57 | 19.59 |
| 802.11n HT20 | NA | 5580 | Chain1 | 16.51 | 16.50 |
| 802.11n HT20 | NA | 5580 | MIMO | 19.55 | 22.57 |
| 802.11n HT20 | NA | 5700 | Chain0 | 16.25 | 19.27 |
| 802.11n HT20 | NA | 5700 | Chain1 | 16.59 | 16.58 |
| 802.11n HT20 | NA | 5700 | MIMO | 19.43 | 22.45 |
| 802.11ac VHT20 | NA | 5500 | Chain0 | 16.04 | 19.06 |
| 802.11ac VHT20 | NA | 5500 | Chain1 | 16.07 | 16.06 |
| 802.11ac VHT20 | NA | 5500 | MIMO | 19.07 | 22.09 |
| 802.11ac VHT20 | NA | 5580 | Chain0 | 16.48 | 19.50 |
| 802.11ac VHT20 | NA | 5580 | Chain1 | 16.37 | 16.36 |
| 802.11ac VHT20 | NA | 5580 | MIMO | 19.44 | 22.46 |
| 802.11ac VHT20 | NA | 5700 | Chain0 | 16.82 | 19.84 |
| 802.11ac VHT20 | NA | 5700 | Chain1 | 16.62 | 16.61 |
| 802.11ac VHT20 | NA | 5700 | MIMO | 19.73 | 22.75 |
| 802.11n HT40 | NA | 5510 | Chain0 | 15.64 | 18.66 |
| 802.11n HT40 | NA | 5510 | Chain1 | 15.18 | 15.17 |
| 802.11n HT40 | NA | 5510 | MIMO | 18.43 | 21.45 |
| 802.11n HT40 | NA | 5590 | Chain0 | 15.86 | 18.88 |
| 802.11n HT40 | NA | 5590 | Chain1 | 15.52 | 15.51 |



| | | | | | |
|----------------|----|------|--------|-------|-------|
| 802.11n HT40 | NA | 5590 | MIMO | 18.70 | 21.72 |
| 802.11n HT40 | NA | 5670 | Chain0 | 15.94 | 18.96 |
| 802.11n HT40 | NA | 5670 | Chain1 | 15.95 | 15.94 |
| 802.11n HT40 | NA | 5670 | MIMO | 18.96 | 21.98 |
| 802.11ac VHT40 | NA | 5510 | Chain0 | 16.31 | 19.33 |
| 802.11ac VHT40 | NA | 5510 | Chain1 | 16.23 | 16.22 |
| 802.11ac VHT40 | NA | 5510 | MIMO | 19.28 | 22.30 |
| 802.11ac VHT40 | NA | 5590 | Chain0 | 16.21 | 19.23 |
| 802.11ac VHT40 | NA | 5590 | Chain1 | 16.53 | 16.52 |
| 802.11ac VHT40 | NA | 5590 | MIMO | 19.38 | 22.40 |
| 802.11ac VHT40 | NA | 5670 | Chain0 | 16.88 | 19.90 |
| 802.11ac VHT40 | NA | 5670 | Chain1 | 16.90 | 16.89 |
| 802.11ac VHT40 | NA | 5670 | MIMO | 19.90 | 22.92 |
| 802.11ac VHT80 | NA | 5530 | Chain0 | 16.03 | 19.05 |
| 802.11ac VHT80 | NA | 5530 | Chain1 | 16.33 | 16.32 |
| 802.11ac VHT80 | NA | 5530 | MIMO | 19.19 | 22.21 |
| 802.11ac VHT80 | NA | 5610 | Chain0 | 16.01 | 19.03 |
| 802.11ac VHT80 | NA | 5610 | Chain1 | 16.26 | 16.25 |
| 802.11ac VHT80 | NA | 5610 | MIMO | 19.15 | 22.17 |



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| Mode | Tones/ RU Index | Frequency (MHz) | Antenna | Conducted average power output(dBm) | EIRP (dBm) |
|----------------|--------------------|--------------------|---------|--|---------------|
| 802.11a | NA | 5745 | Chain0 | 16.58 | 19.60 |
| 802.11a | NA | 5745 | Chain1 | 16.87 | 16.86 |
| 802.11a | NA | 5785 | Chain0 | 16.01 | 19.03 |
| 802.11a | NA | 5785 | Chain1 | 16.62 | 16.61 |
| 802.11a | NA | 5825 | Chain0 | 16.00 | 19.02 |
| 802.11a | NA | 5825 | Chain1 | 16.34 | 16.33 |
| 802.11n HT20 | NA | 5745 | Chain0 | 16.76 | 19.78 |
| 802.11n HT20 | NA | 5745 | Chain1 | 16.22 | 16.21 |
| 802.11n HT20 | NA | 5745 | MIMO | 19.51 | 22.53 |
| 802.11n HT20 | NA | 5785 | Chain0 | 16.18 | 19.20 |
| 802.11n HT20 | NA | 5785 | Chain1 | 16.39 | 16.38 |
| 802.11n HT20 | NA | 5785 | MIMO | 19.30 | 22.32 |
| 802.11n HT20 | NA | 5825 | Chain0 | 16.15 | 19.17 |
| 802.11n HT20 | NA | 5825 | Chain1 | 16.55 | 16.54 |
| 802.11n HT20 | NA | 5825 | MIMO | 19.36 | 22.38 |
| 802.11ac VHT20 | NA | 5745 | Chain0 | 16.66 | 19.68 |
| 802.11ac VHT20 | NA | 5745 | Chain1 | 16.24 | 16.23 |
| 802.11ac VHT20 | NA | 5745 | MIMO | 19.47 | 22.49 |
| 802.11ac VHT20 | NA | 5785 | Chain0 | 16.32 | 19.34 |
| 802.11ac VHT20 | NA | 5785 | Chain1 | 16.55 | 16.54 |
| 802.11ac VHT20 | NA | 5785 | MIMO | 19.45 | 22.47 |
| 802.11ac VHT20 | NA | 5825 | Chain0 | 16.06 | 19.08 |
| 802.11ac VHT20 | NA | 5825 | Chain1 | 16.63 | 16.62 |
| 802.11ac VHT20 | NA | 5825 | MIMO | 19.36 | 22.38 |
| 802.11n HT40 | NA | 5755 | Chain0 | 15.52 | 18.54 |
| 802.11n HT40 | NA | 5755 | Chain1 | 15.71 | 15.70 |
| 802.11n HT40 | NA | 5755 | MIMO | 18.63 | 21.65 |
| 802.11n HT40 | NA | 5795 | Chain0 | 15.35 | 18.37 |
| 802.11n HT40 | NA | 5795 | Chain1 | 15.26 | 15.25 |



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|----------------|----|------|--------|-------|-------|
| 802.11n HT40 | NA | 5795 | MIMO | 18.32 | 21.34 |
| 802.11ac VHT40 | NA | 5755 | Chain0 | 16.32 | 19.34 |
| 802.11ac VHT40 | NA | 5755 | Chain1 | 16.41 | 16.40 |
| 802.11ac VHT40 | NA | 5755 | MIMO | 19.38 | 22.40 |
| 802.11ac VHT40 | NA | 5795 | Chain0 | 16.14 | 19.16 |
| 802.11ac VHT40 | NA | 5795 | Chain1 | 16.05 | 16.04 |
| 802.11ac VHT40 | NA | 5795 | MIMO | 19.11 | 22.13 |
| 802.11ac VHT80 | NA | 5775 | Chain0 | 16.47 | 19.49 |
| 802.11ac VHT80 | NA | 5775 | Chain1 | 16.36 | 16.35 |
| 802.11ac VHT80 | NA | 5775 | MIMO | 19.43 | 22.45 |



MAXIMUM POWER SPECTRAL DENSITY

TEST RESULT

- Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725~5.85 GHz.
- 2.The Duty Cycle Factor and RBW Factor is compensated in the graph.
- 3.The EIRP PSD = Directional Gain(4.65dBi) + Result.
- 4. Offset 22.57dB = Attenuator + Temporary antenna connector loss + Cable loss +

Gain

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| EIRP Power Spectral Density | | | | | | | | |
|-----------------------------|---------|-------|-----------|-------------------------|-----------|-------------------------|-----------|-------------------------|
| Test Mode | Antenna | Tones | 5180MHz | | 5220MHz | | 5240MHz | |
| | | | Gain(dBi) | Power Density (dBm/MHz) | Gain(dBi) | Power Density (dBm/MHz) | Gain(dBi) | Power Density (dBm/MHz) |
| 802.11a | Chain0 | NA | 3.02 | 6.441 | 3.02 | 5.737 | 3.02 | 5.944 |
| 802.11a | Chain1 | NA | -0.01 | 5.961 | -0.01 | 5.833 | -0.01 | 5.601 |
| 802.11n HT20 | Chain0 | NA | 3.02 | 5.940 | 3.02 | 5.826 | 3.02 | 6.026 |
| 802.11n HT20 | Chain1 | NA | -0.01 | 5.390 | -0.01 | 5.581 | -0.01 | 5.671 |
| 802.11n HT20 | MIMO | NA | 4.65 | 8.684 | 4.65 | 8.716 | 4.65 | 8.862 |
| 802.11ac VHT20 | Chain0 | NA | 3.02 | 5.498 | 3.02 | 6.272 | 3.02 | 5.511 |
| 802.11ac VHT20 | Chain1 | NA | -0.01 | 5.534 | -0.01 | 5.175 | -0.01 | 5.577 |
| 802.11ac VHT20 | MIMO | NA | 4.65 | 8.526 | 4.65 | 8.768 | 4.65 | 8.554 |



| EIRP Power Spectral Density | | | | | | | | |
|-----------------------------|---------|-------|-----------|-------------------------|-----------|-------------------------|-----------|-------------------------|
| Test Mode | Antenna | Tones | 5190MHz | | --- | | 5230MHz | |
| | | | Gain(dBi) | Power Density (dBm/MHz) | Gain(dBi) | Power Density (dBm/MHz) | Gain(dBi) | Power Density (dBm/MHz) |
| 802.11n HT40 | Chain0 | NA | 3.02 | 1.738 | --- | --- | 3.02 | 2.038 |
| 802.11n HT40 | Chain1 | NA | -0.01 | 2.011 | --- | --- | -0.01 | 1.679 |
| 802.11n HT40 | MIMO | NA | 4.65 | 4.887 | --- | --- | 4.65 | 4.873 |
| 802.11ac VHT40 | Chain0 | NA | 3.02 | 2.834 | --- | --- | 3.02 | 2.826 |
| 802.11ac VHT40 | Chain1 | NA | -0.01 | 2.475 | --- | --- | -0.01 | 2.640 |
| 802.11ac VHT40 | MIMO | NA | 4.65 | 5.669 | --- | --- | 4.65 | 5.744 |

| EIRP Power Spectral Density | | | | | | | | |
|-----------------------------|---------|-------|-----------|-------------------------|-----------|-------------------------|-----------|-------------------------|
| Test Mode | Antenna | Tones | 5210MHz | | --- | | --- | |
| | | | Gain(dBi) | Power Density (dBm/MHz) | Gain(dBi) | Power Density (dBm/MHz) | Gain(dBi) | Power Density (dBm/MHz) |
| 802.11ac VHT80 | Chain0 | NA | 3.02 | -0.126 | --- | --- | --- | --- |
| 802.11ac VHT80 | Chain1 | NA | -0.01 | 0.078 | --- | --- | --- | --- |
| 802.11ac VHT80 | MIMO | NA | 4.65 | 2.987 | --- | --- | --- | --- |



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| Test Mode | Antenna | Tones | 5260MHz | | 5280MHz | | 5320MHz | |
|-----------------|---------|-------|-----------------------|-------------------------|-----------------------|-------------------------|-----------------------|-------------------------|
| | | | Correction Factor(dB) | Power Density (dBm/MHz) | Correction Factor(dB) | Power Density (dBm/MHz) | Correction Factor(dB) | Power Density (dBm/MHz) |
| 802.11a | Chain0 | NA | 0 | 5.715 | 0 | 5.622 | 0 | 6.225 |
| 802.11a | Chain1 | NA | 0 | 6.549 | 0 | 6.456 | 0 | 5.756 |
| 802.11n HT20 | Chain0 | NA | 0 | 5.756 | 0 | 5.467 | 0 | 5.915 |
| 802.11n HT20 | Chain1 | NA | 0 | 5.667 | 0 | 5.376 | 0 | 5.514 |
| 802.11n HT20 | MIMO | NA | 0 | 8.722 | 0 | 8.432 | 0 | 8.729 |
| 802.11a c VHT20 | Chain0 | NA | 0 | 5.711 | 0 | 5.370 | 0 | 5.974 |
| 802.11a c VHT20 | Chain1 | NA | 0 | 5.272 | 0 | 5.306 | 0 | 5.521 |
| 802.11a c VHT20 | MIMO | NA | 0 | 8.507 | 0 | 8.348 | 0 | 8.764 |

| Test Mode | Antenna | Tones | 5270MHz | | --- | | 5310MHz | |
|-----------------|---------|-------|-----------------------|-------------------------|-----------------------|-------------------------|-----------------------|-------------------------|
| | | | Correction Factor(dB) | Power Density (dBm/MHz) | Correction Factor(dB) | Power Density (dBm/MHz) | Correction Factor(dB) | Power Density (dBm/MHz) |
| 802.11n HT40 | Chain0 | NA | 0 | 1.746 | --- | --- | 0 | 1.970 |
| 802.11n HT40 | Chain1 | NA | 0 | 1.977 | --- | --- | 0 | 1.657 |
| 802.11n HT40 | MIMO | NA | 0 | 4.873 | --- | --- | 0 | 4.827 |
| 802.11a c VHT40 | Chain0 | NA | 0 | 2.868 | --- | --- | 0 | 3.069 |
| 802.11a | Chain1 | NA | 0 | 3.000 | --- | --- | 0 | 3.090 |



| | | | | | | | | |
|--------------------|------|----|---|-------|-----|-----|---|-------|
| c VHT40 | | | | | | | | |
| 802.11a c VHT40 | MIMO | NA | 0 | 5.945 | --- | --- | 0 | 6.090 |

| Test Mode | Antenna | Tones | 5290MHz | | --- | | --- | |
|--------------------|---------|-------|-----------------------|-------------------------|-----------------------|-------------------------|-----------------------|-------------------------|
| | | | Correction Factor(dB) | Power Density (dBm/MHz) | Correction Factor(dB) | Power Density (dBm/MHz) | Correction Factor(dB) | Power Density (dBm/MHz) |
| 802.11a c VHT80 | Chain0 | NA | 0 | -0.089 | --- | --- | --- | --- |
| 802.11a c VHT80 | Chain1 | NA | 0 | 0.401 | --- | --- | --- | --- |
| 802.11a c VHT80 | MIMO | NA | 0 | 3.173 | --- | --- | --- | --- |



U-NII-2C

| Test Mode | Antenna | Tones | 5500MHz | | 5580MHz | | 5700MHz | |
|-----------------|---------|-------|-----------------------|-------------------------|-----------------------|-------------------------|-----------------------|-------------------------|
| | | | Correction Factor(dB) | Power Density (dBm/MHz) | Correction Factor(dB) | Power Density (dBm/MHz) | Correction Factor(dB) | Power Density (dBm/MHz) |
| 802.11a | Chain0 | NA | 0 | 6.115 | 0 | 6.291 | 0 | 6.101 |
| 802.11a | Chain1 | NA | 0 | 5.898 | 0 | 6.212 | 0 | 6.475 |
| 802.11n HT20 | Chain0 | NA | 0 | 6.044 | 0 | 5.896 | 0 | 5.736 |
| 802.11n HT20 | Chain1 | NA | 0 | 5.933 | 0 | 5.750 | 0 | 6.264 |
| 802.11n HT20 | MIMO | NA | 0 | 8.999 | 0 | 8.834 | 0 | 9.018 |
| 802.11a c VHT20 | Chain0 | NA | 0 | 5.405 | 0 | 5.812 | 0 | 6.383 |
| 802.11a c VHT20 | Chain1 | NA | 0 | 5.446 | 0 | 5.748 | 0 | 6.103 |
| 802.11a c VHT20 | MIMO | NA | 0 | 8.436 | 0 | 8.790 | 0 | 9.256 |

| Test Mode | Antenna | Tones | 5510MHz | | 5590MHz | | 5670MHz | |
|-----------------|---------|-------|-----------------------|-------------------------|-----------------------|-------------------------|-----------------------|-------------------------|
| | | | Correction Factor(dB) | Power Density (dBm/MHz) | Correction Factor(dB) | Power Density (dBm/MHz) | Correction Factor(dB) | Power Density (dBm/MHz) |
| 802.11n HT40 | Chain0 | NA | 0 | 2.148 | 0 | 2.371 | 0 | 2.475 |
| 802.11n HT40 | Chain1 | NA | 0 | 1.710 | 0 | 2.016 | 0 | 2.497 |
| 802.11n HT40 | MIMO | NA | 0 | 4.945 | 0 | 5.207 | 0 | 5.496 |
| 802.11a c VHT40 | Chain0 | NA | 0 | 2.572 | 0 | 2.752 | 0 | 3.395 |
| 802.11a | Chain1 | NA | 0 | 2.671 | 0 | 3.041 | 0 | 3.514 |



| | | | | | | | | |
|--------------------|------|----|---|-------|---|-------|---|-------|
| c VHT40 | | | | | | | | |
| 802.11a c VHT40 | MIMO | NA | 0 | 5.632 | 0 | 5.909 | 0 | 6.465 |

| Test Mode | Antenna | Tones | 5530MHz | | --- | | 5610MHz | |
|--------------------|---------|-------|-----------------------|-------------------------|-----------------------|-------------------------|-----------------------|-------------------------|
| | | | Correction Factor(dB) | Power Density (dBm/MHz) | Correction Factor(dB) | Power Density (dBm/MHz) | Correction Factor(dB) | Power Density (dBm/MHz) |
| 802.11a c VHT80 | Chain0 | NA | 0 | -0.535 | --- | --- | 0 | -0.094 |
| 802.11a c VHT80 | Chain1 | NA | 0 | -0.500 | --- | --- | 0 | 0.096 |
| 802.11a c VHT80 | MIMO | NA | 0 | 2.493 | --- | --- | 0 | 3.012 |



U-NII-3

| Test Mode | Antenna | Tones | 5745MHz | | 5785MHz | | 5825MHz | |
|----------------|---------|-------|------------------------|----------------------------|------------------------|----------------------------|------------------------|----------------------------|
| | | | Correction Factor (dB) | Power Density (dBm/500KHz) | Correction Factor (dB) | Power Density (dBm/500KHz) | Correction Factor (dB) | Power Density (dBm/500KHz) |
| 802.11a | Chain0 | NA | 0 | 4.652 | 0 | 4.219 | 0 | 3.992 |
| 802.11a | Chain1 | NA | 0 | 5.129 | 0 | 4.703 | 0 | 4.095 |
| 802.11n HT20 | Chain0 | NA | 0 | 4.465 | 0 | 3.941 | 0 | 3.735 |
| 802.11n HT20 | Chain1 | NA | 0 | 4.069 | 0 | 4.313 | 0 | 4.157 |
| 802.11n HT20 | MIMO | NA | 0 | 7.282 | 0 | 7.141 | 0 | 6.961 |
| 802.11ac VHT20 | Chain0 | NA | 0 | 4.507 | 0 | 4.091 | 0 | 3.779 |
| 802.11ac VHT20 | Chain1 | NA | 0 | 4.083 | 0 | 4.202 | 0 | 4.184 |
| 802.11ac VHT20 | MIMO | NA | 0 | 7.310 | 0 | 7.157 | 0 | 6.997 |

Note: As measurement bandwidth of Maximum PSD is specified in 500 kHz, add $10\log(500\text{kHz}/\text{RBW})$ to the measured result.

| Test Mode | Antenna | Tones | 5755MHz | | --- | | 5795MHz | |
|--------------|---------|-------|------------------------|----------------------------|------------------------|----------------------------|------------------------|----------------------------|
| | | | Correction Factor (dB) | Power Density (dBm/500KHz) | Correction Factor (dB) | Power Density (dBm/500KHz) | Correction Factor (dB) | Power Density (dBm/500KHz) |
| 802.11n HT40 | Chain0 | NA | 0 | 0.308 | --- | --- | 0 | 0.417 |
| 802.11n HT40 | Chain1 | NA | 0 | 0.762 | --- | --- | 0 | 0.325 |
| 802.11n HT40 | MIMO | NA | 0 | 3.551 | --- | --- | 0 | 3.382 |



| | | | | | | | | |
|-------------------|--------|----|---|-------|-----|-----|---|-------|
| 802.11ac VHT40 | Chain0 | NA | 0 | 0.939 | --- | --- | 0 | 0.431 |
| 802.11ac VHT40 | Chain1 | NA | 0 | 0.902 | --- | --- | 0 | 0.822 |
| 802.11ac VHT40 | MIMO | NA | 0 | 3.931 | --- | --- | 0 | 3.641 |

Note: As measurement bandwidth of Maximum PSD is specified in 500 kHz, add 10log(500kHz/RBW) to the measured result.

| Test Mode | Antenna | Tones | 5775MHz | | --- | | --- | |
|-------------------|---------|-------|------------------------|----------------------------|------------------------|----------------------------|------------------------|----------------------------|
| | | | Correction Factor (dB) | Power Density (dBm/500KHz) | Correction Factor (dB) | Power Density (dBm/500KHz) | Correction Factor (dB) | Power Density (dBm/500KHz) |
| 802.11ac VHT80 | Chain0 | NA | 0 | -1.607 | --- | --- | --- | --- |
| 802.11ac VHT80 | Chain1 | NA | 0 | -1.798 | --- | --- | --- | --- |
| 802.11ac VHT80 | MIMO | NA | 0 | 1.309 | --- | --- | --- | --- |

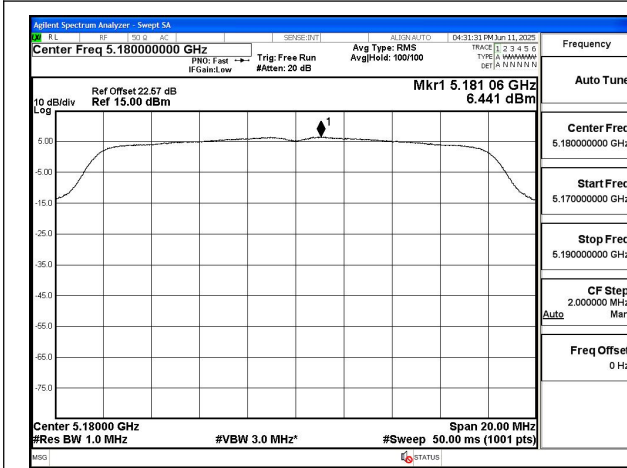
Note: As measurement bandwidth of Maximum PSD is specified in 500 kHz, add 10log(500kHz/RBW) to the measured result.



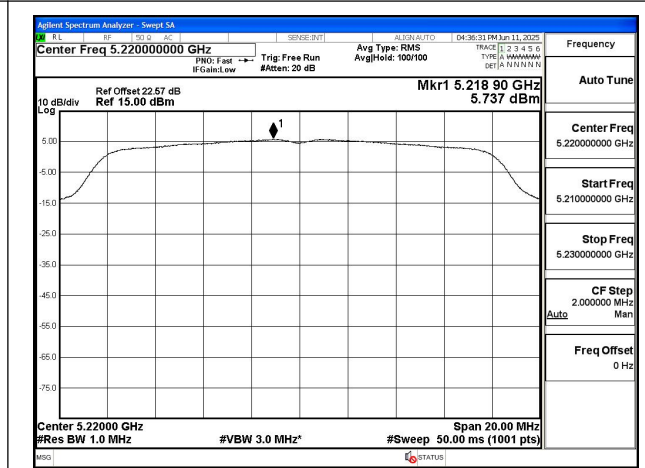
TEST GRAPHS

U-NII-1

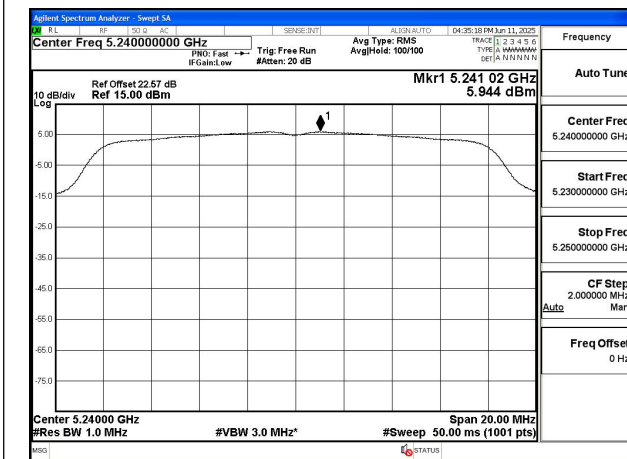
Test Mode: 802.11a



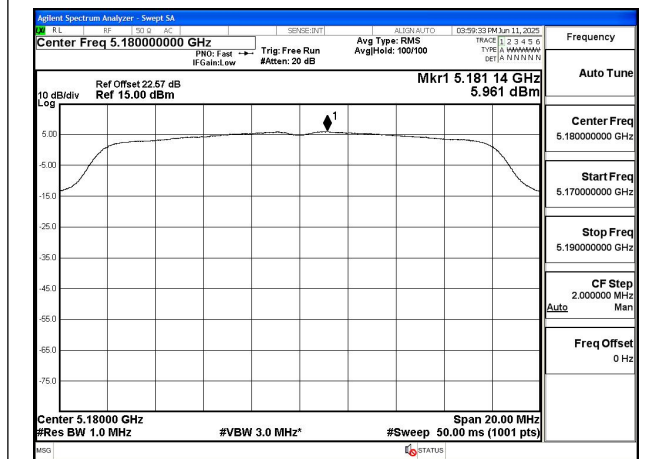
Mode:802.11a Frequency:5180MHz Ant:Chain0



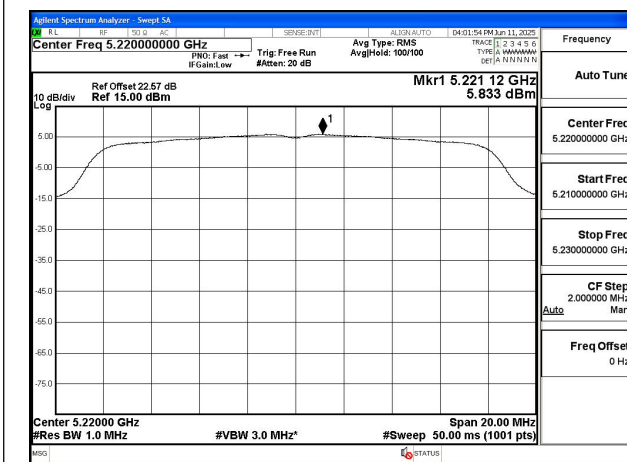
Mode:802.11a Frequency:5220MHz Ant:Chain0



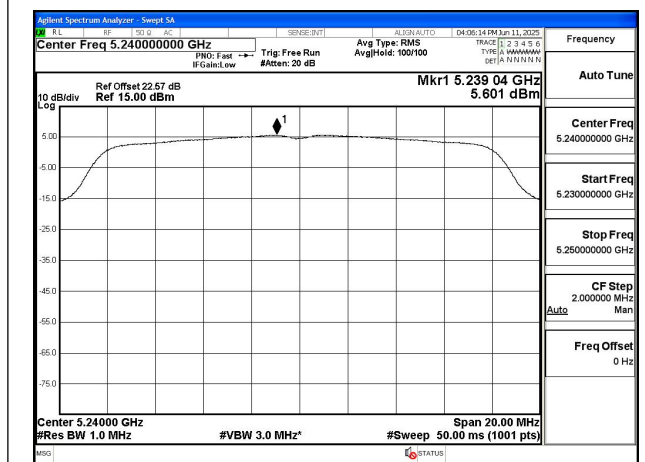
Mode:802.11a Frequency:5240MHz Ant:Chain0



Mode:802.11a Frequency:5180MHz Ant:Chain1



Mode:802.11a Frequency:5220MHz Ant:Chain1



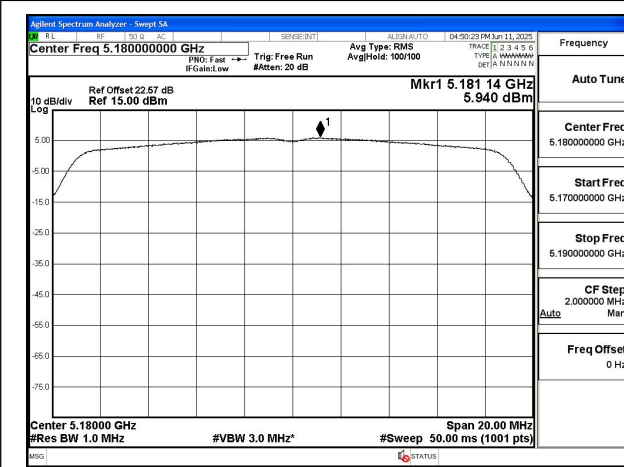
Mode:802.11a Frequency:5240MHz Ant:Chain1



BUREAU VERITAS

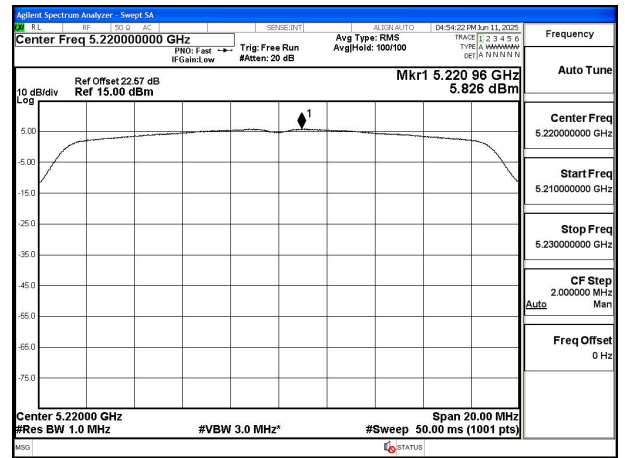
Test Report No.: PSU-NQN2506100110RF03

Test Mode: 802.11n HT20



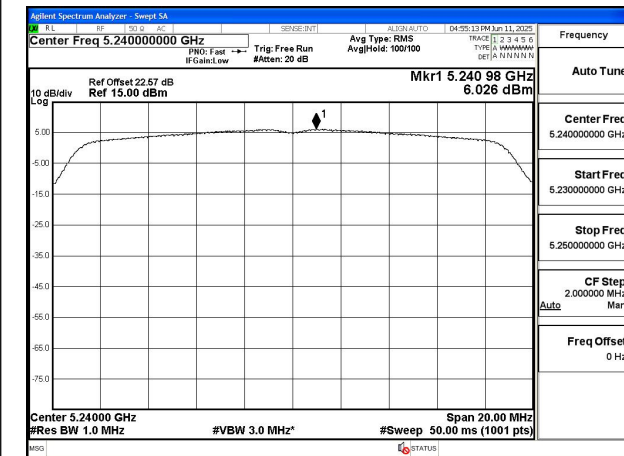
Mode:802.11n HT20 Frequency:5180MHz

Ant:Chain0



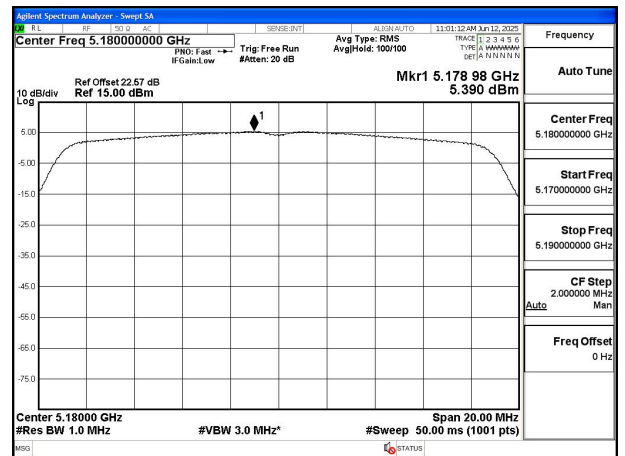
Mode:802.11n HT20 Frequency:5220MHz

Ant:Chain0



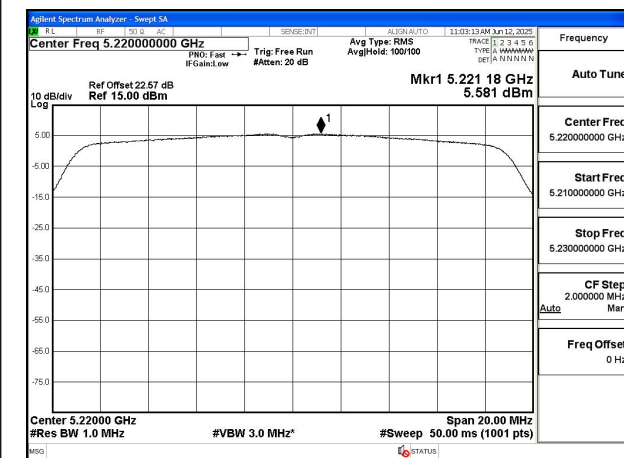
Mode:802.11n HT20 Frequency:5240MHz

Ant:Chain0



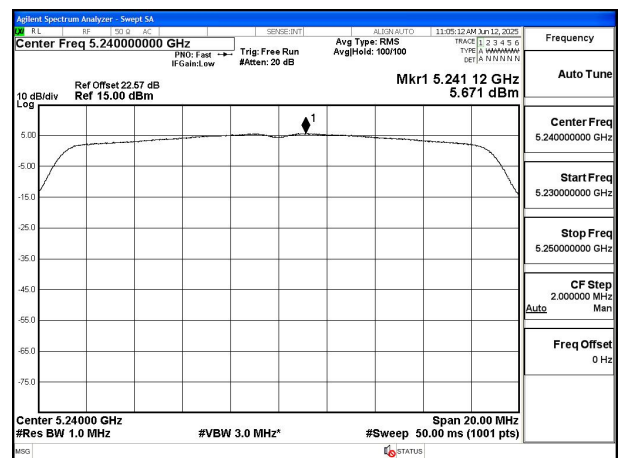
Mode:802.11n HT20 Frequency:5180MHz

Ant:Chain1



Mode:802.11n HT20 Frequency:5220MHz

Ant:Chain1



Mode:802.11n HT20 Frequency:5240MHz

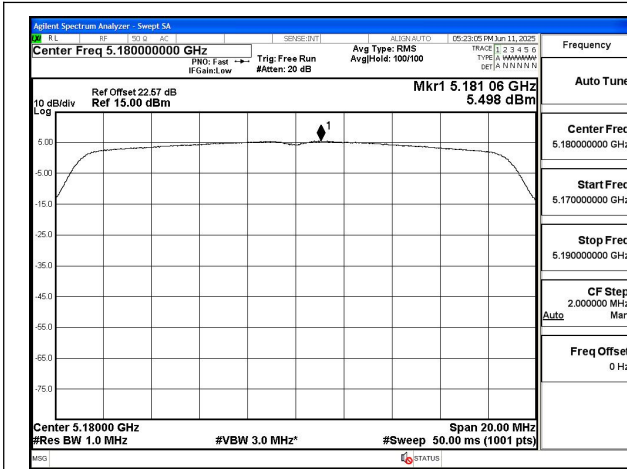
Ant:Chain1



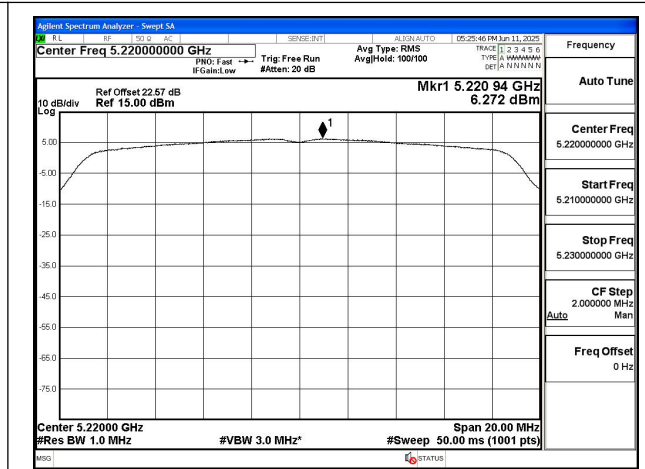
BUREAU VERITAS

Test Report No.: PSU-NQN2506100110RF03

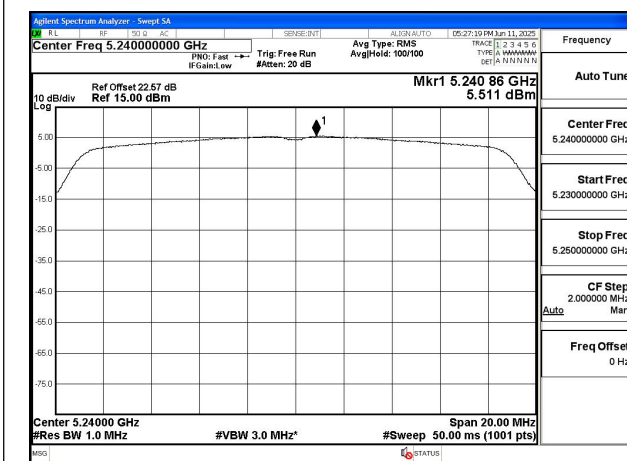
Test Mode: 802.11ac VHT20



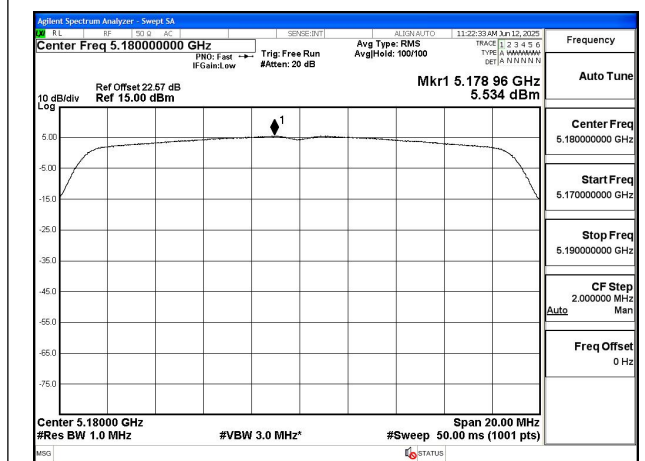
Mode:802.11ac VHT20 Frequency:5180MHz
Ant:Chain0



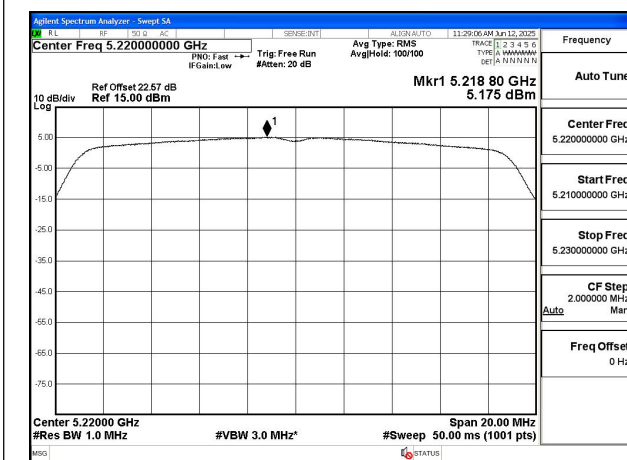
Mode:802.11ac VHT20 Frequency:5220MHz
Ant:Chain0



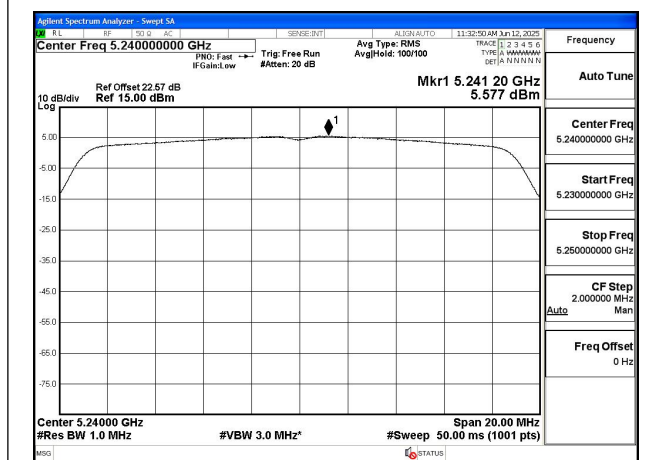
Mode:802.11ac VHT20 Frequency:5240MHz
Ant:Chain0



Mode:802.11ac VHT20 Frequency:5180MHz
Ant:Chain1



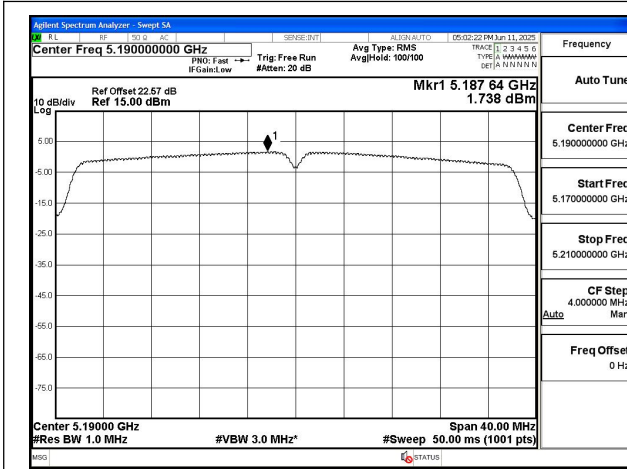
Mode:802.11ac VHT20 Frequency:5220MHz
Ant:Chain1



Mode:802.11ac VHT20 Frequency:5240MHz
Ant:Chain1

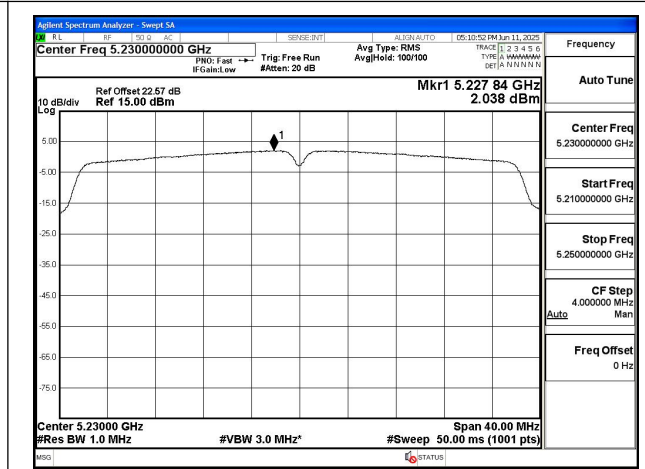


Test Mode: 802.11n HT40



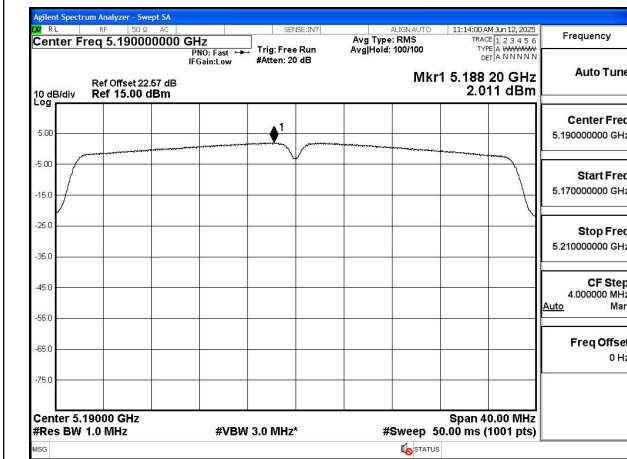
Mode:802.11n HT40 Frequency:5190MHz

Ant:Chain0



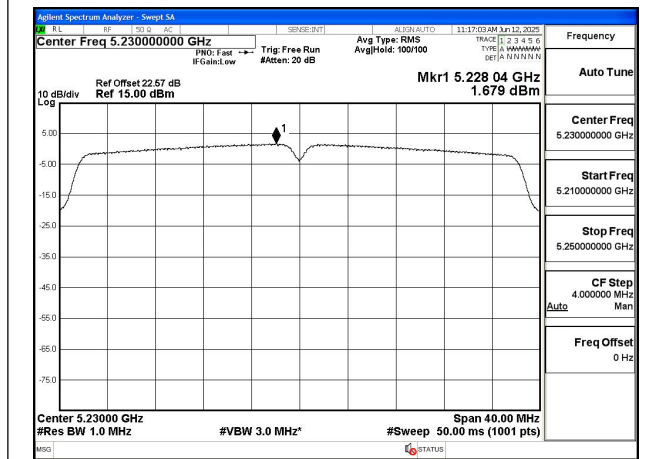
Mode:802.11n HT40 Frequency:5230MHz

Ant:Chain0



Mode:802.11n HT40 Frequency:5190MHz

Ant:Chain1



Mode:802.11n HT40 Frequency:5230MHz

Ant:Chain1