

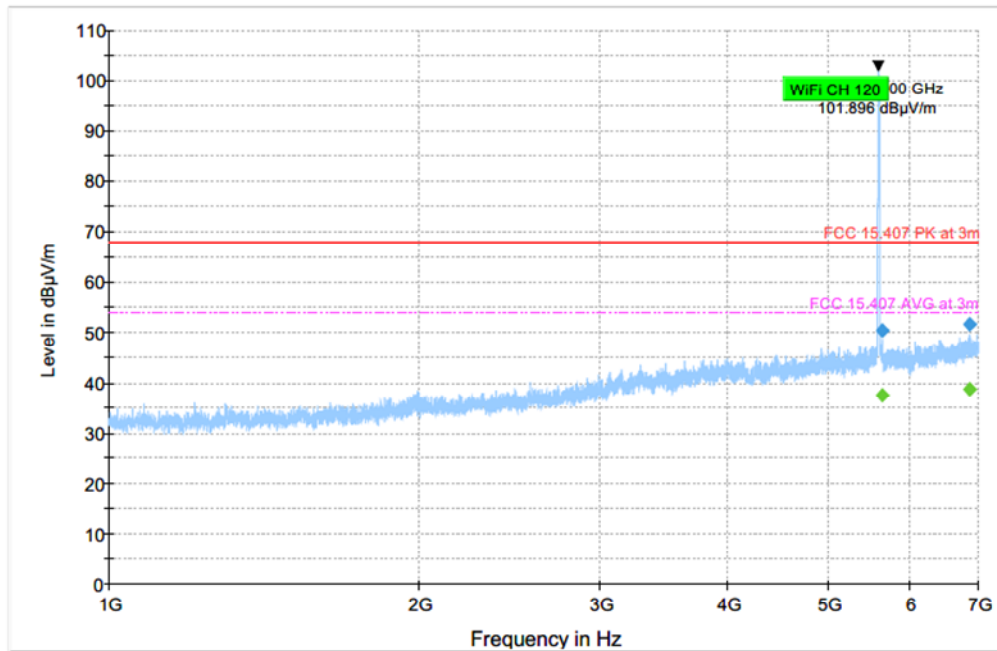
Plot # 28 Radiated Emissions: 1-7 GHz

Modulation: 802.11n20

Channel: 120

Final Result

| Frequency (MHz) | MaxPeak (dBuV/m) | CAverage (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|-------------------|----------------|-------------|-----------------|-----------------|-------------|-----|---------------|--------------|
| 5636.75 | --- | 37.47 | 53.98 | 16.51 | 500.0 | 1000.0 | 100.0 | V | -45.0 | 16.9 |
| 5636.75 | 50.45 | --- | 68.00 | 17.55 | 500.0 | 1000.0 | 100.0 | V | -45.0 | 16.9 |
| 6861.25 | --- | 38.69 | 53.98 | 15.28 | 500.0 | 1000.0 | 198.0 | V | 300.0 | 19.0 |
| 6861.25 | 51.50 | --- | 68.00 | 16.50 | 500.0 | 1000.0 | 198.0 | V | 300.0 | 19.0 |



◆ Preview Result 1-PK+ Final_Result PK+
 — FCC 15.407 PK at 3m
 - - - FCC 15.407 AVG at 3m
 ◆ Final_Result CAV

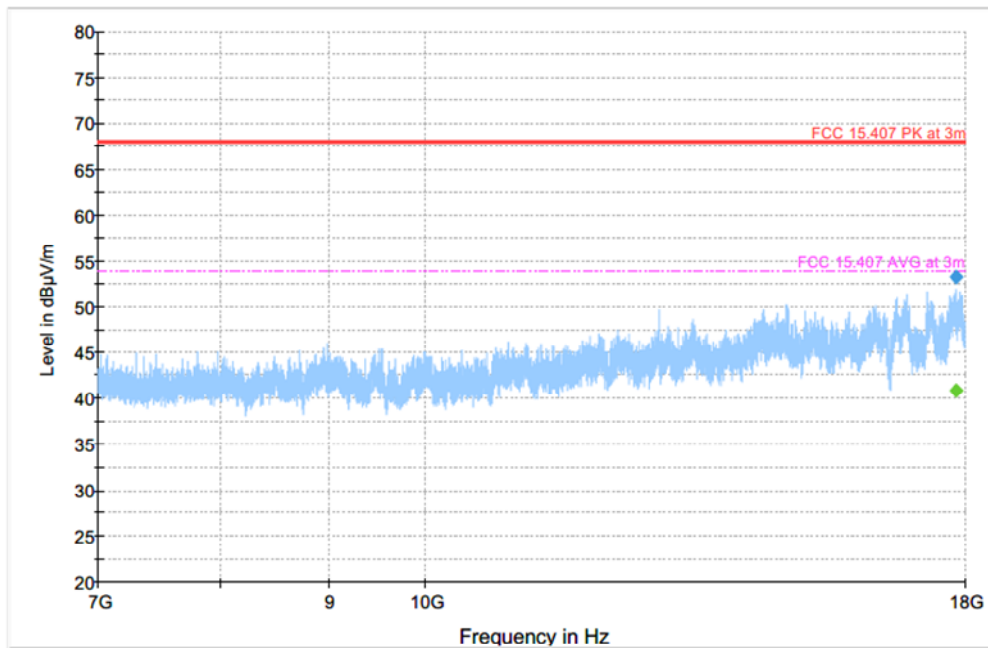
Plot # 29 Radiated Emissions: 7-18 GHz

Modulation: 802.11n20

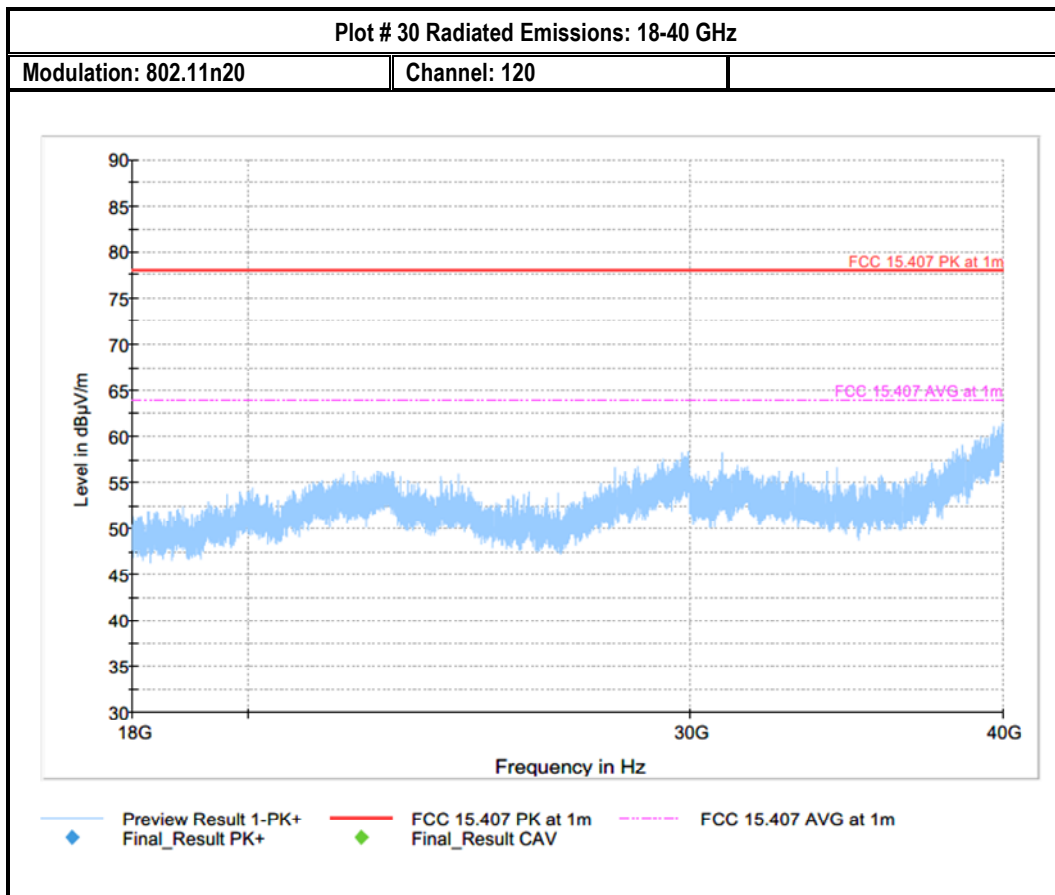
Channel: 120

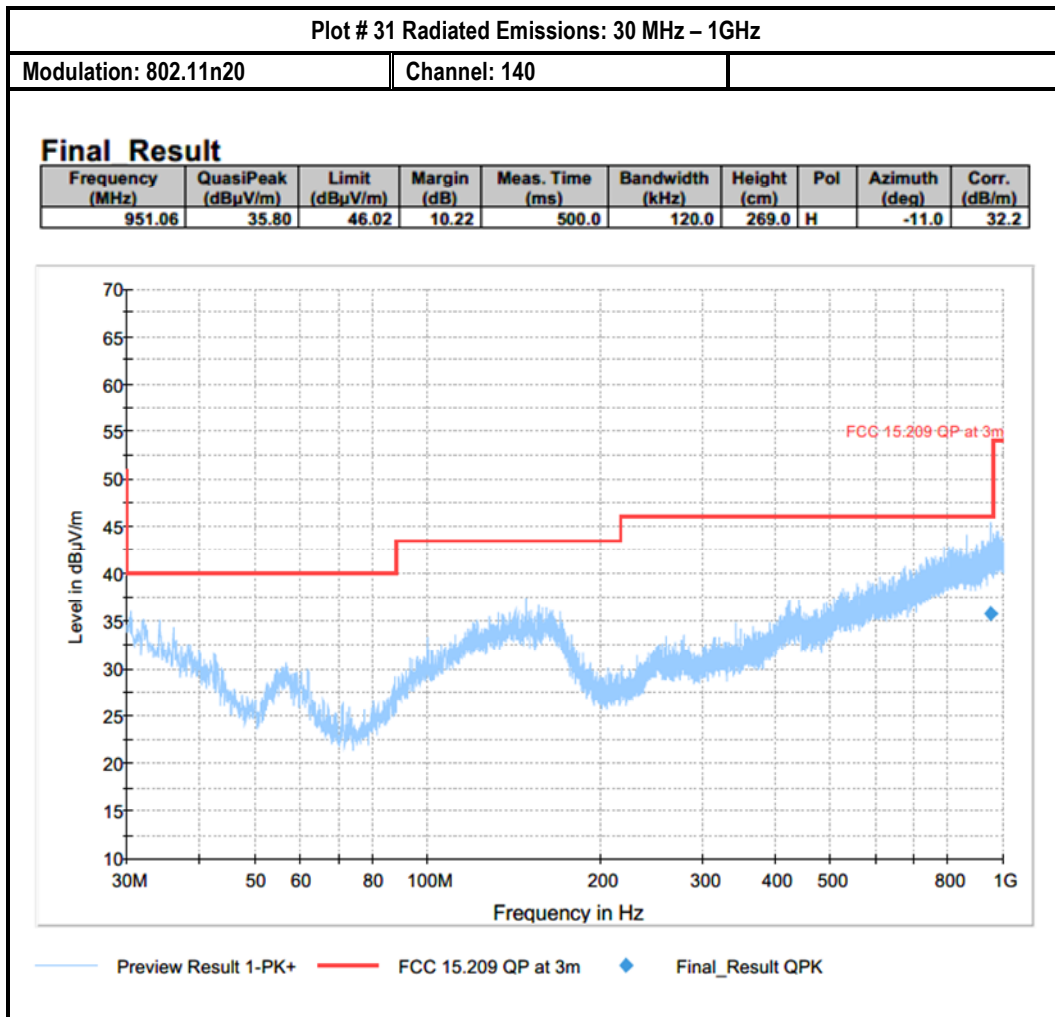
Final Result

| Frequency (MHz) | MaxPeak (dBµV/m) | CAverage (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|-------------------|----------------|-------------|-----------------|-----------------|-------------|-----|---------------|--------------|
| 17826.69 | --- | 40.90 | 53.98 | 13.08 | 500.0 | 1000.0 | 184.0 | V | 125.0 | 17.9 |
| 17826.69 | 53.29 | --- | 68.00 | 14.71 | 500.0 | 1000.0 | 184.0 | V | 125.0 | 17.9 |



◆ Preview Result 1-PK+ Final_Result PK+
 — FCC 15.407 PK at 3m
 - - - FCC 15.407 AVG at 3m
 ◆ Final_Result CAV





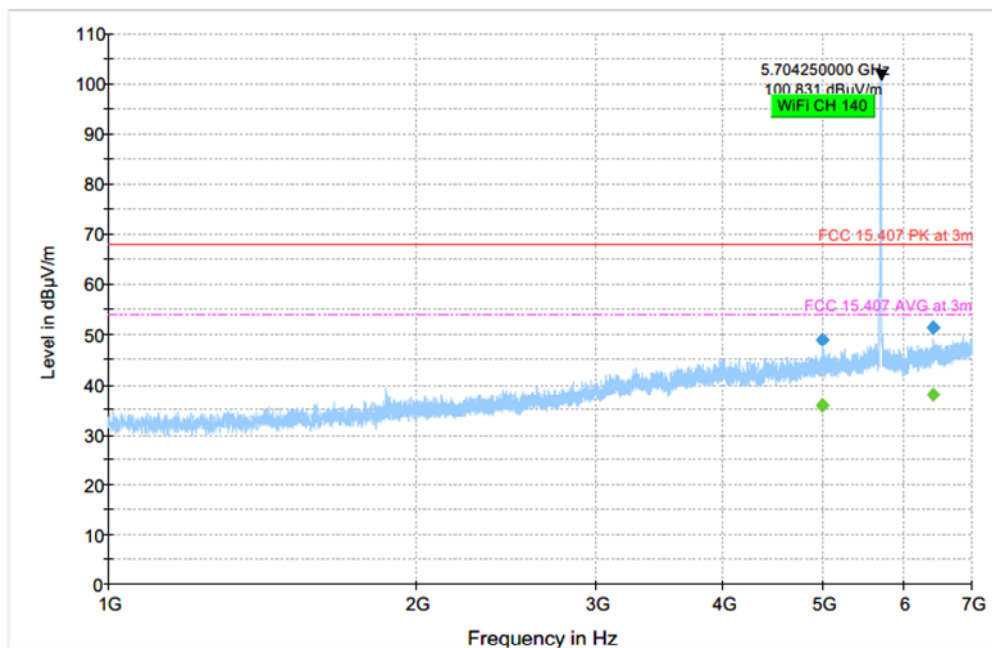
Plot # 32 Radiated Emissions: 1-7 GHz

Modulation: 802.11n20

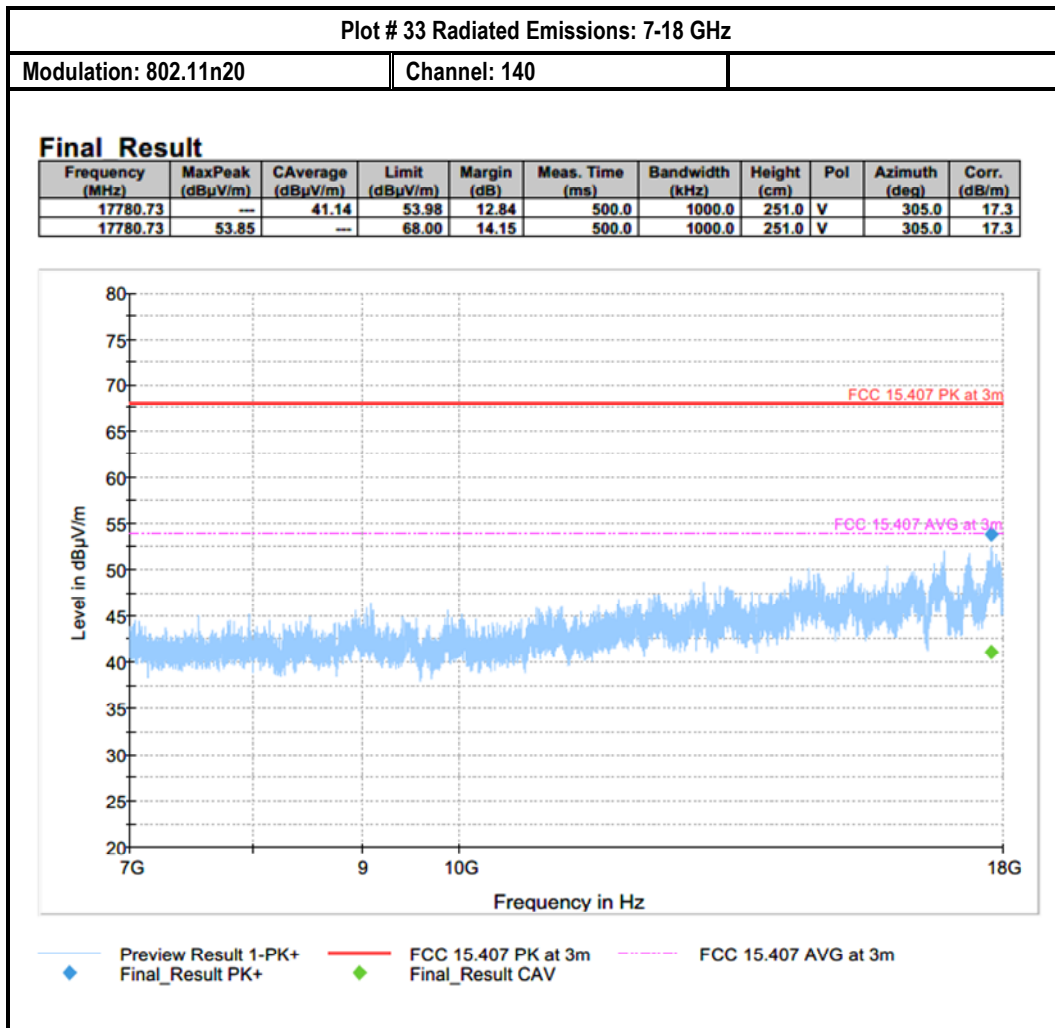
Channel: 140

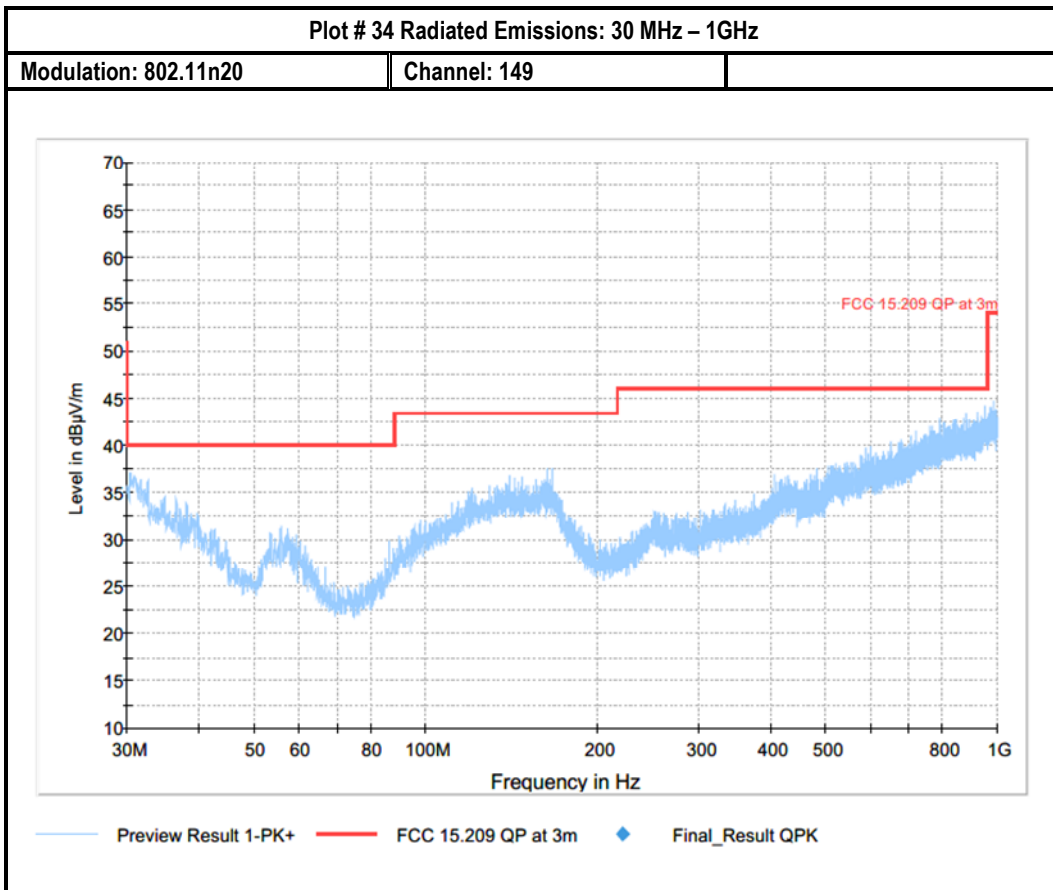
Final Result

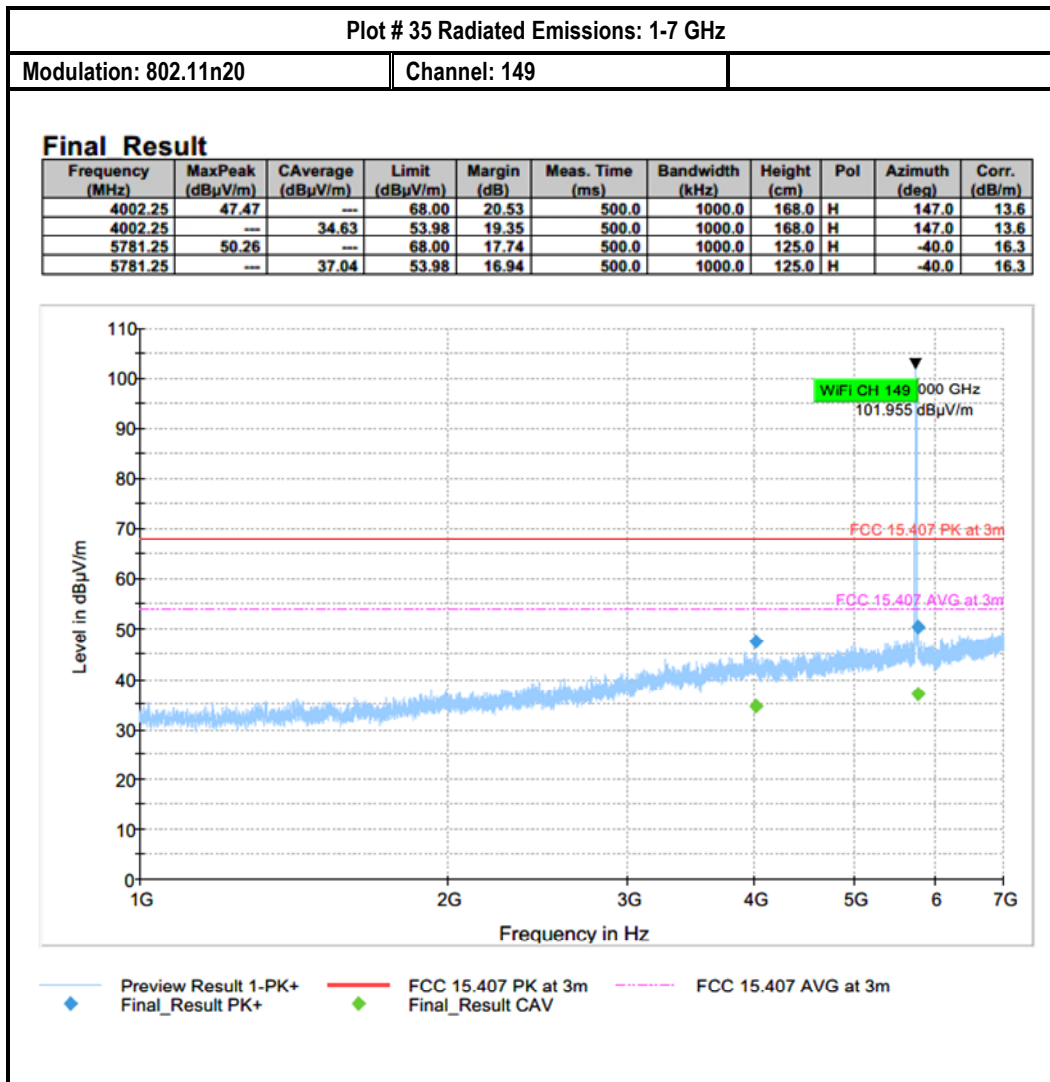
| Frequency (MHz) | MaxPeak (dBµV/m) | CAverage (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Poi | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|-------------------|----------------|-------------|-----------------|-----------------|-------------|-----|---------------|--------------|
| 4991.50 | --- | 35.83 | 53.98 | 18.15 | 500.0 | 1000.0 | 275.0 | V | 309.0 | 14.8 |
| 4991.50 | 48.84 | --- | 68.00 | 19.16 | 500.0 | 1000.0 | 275.0 | V | 309.0 | 14.8 |
| 6420.50 | --- | 37.95 | 53.98 | 16.03 | 500.0 | 1000.0 | 261.0 | V | 322.0 | 18.3 |
| 6420.50 | 51.41 | --- | 68.00 | 16.59 | 500.0 | 1000.0 | 261.0 | V | 322.0 | 18.3 |

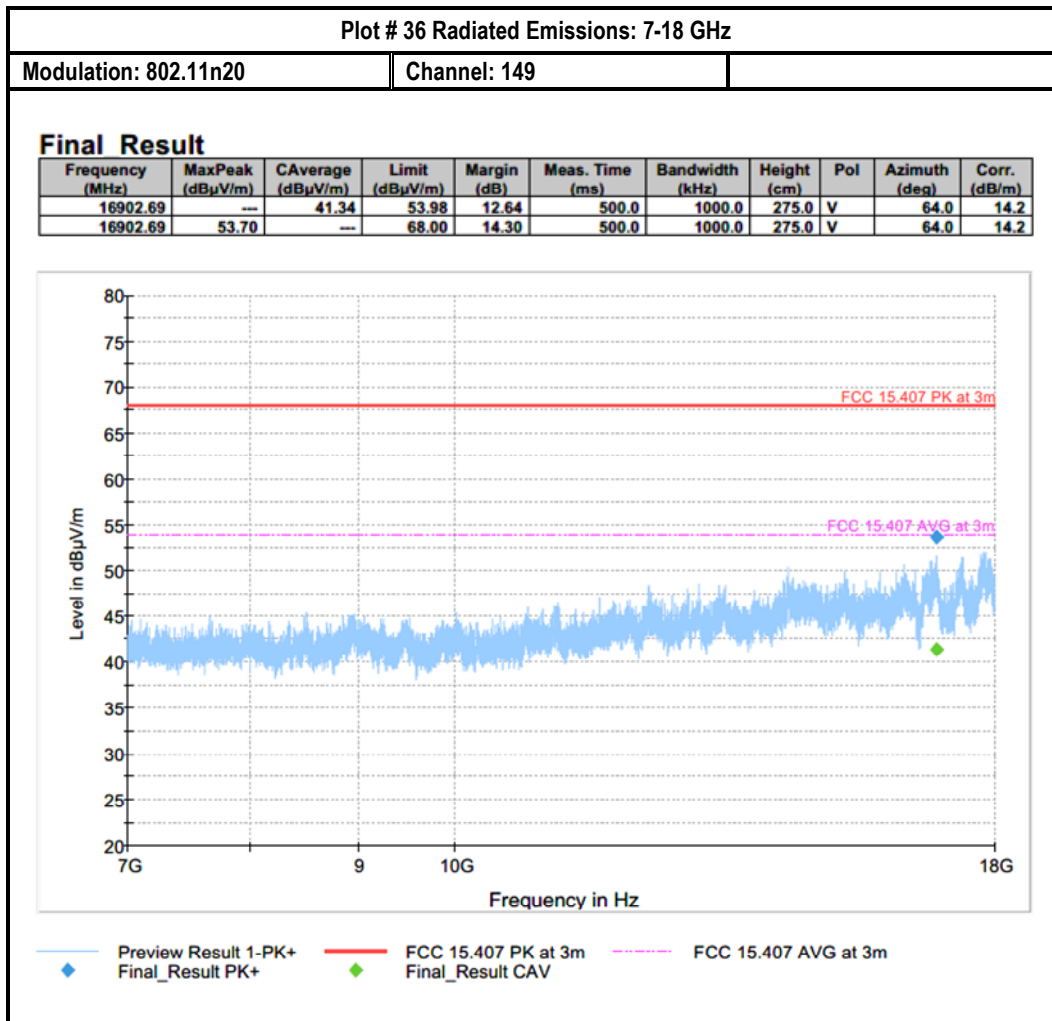


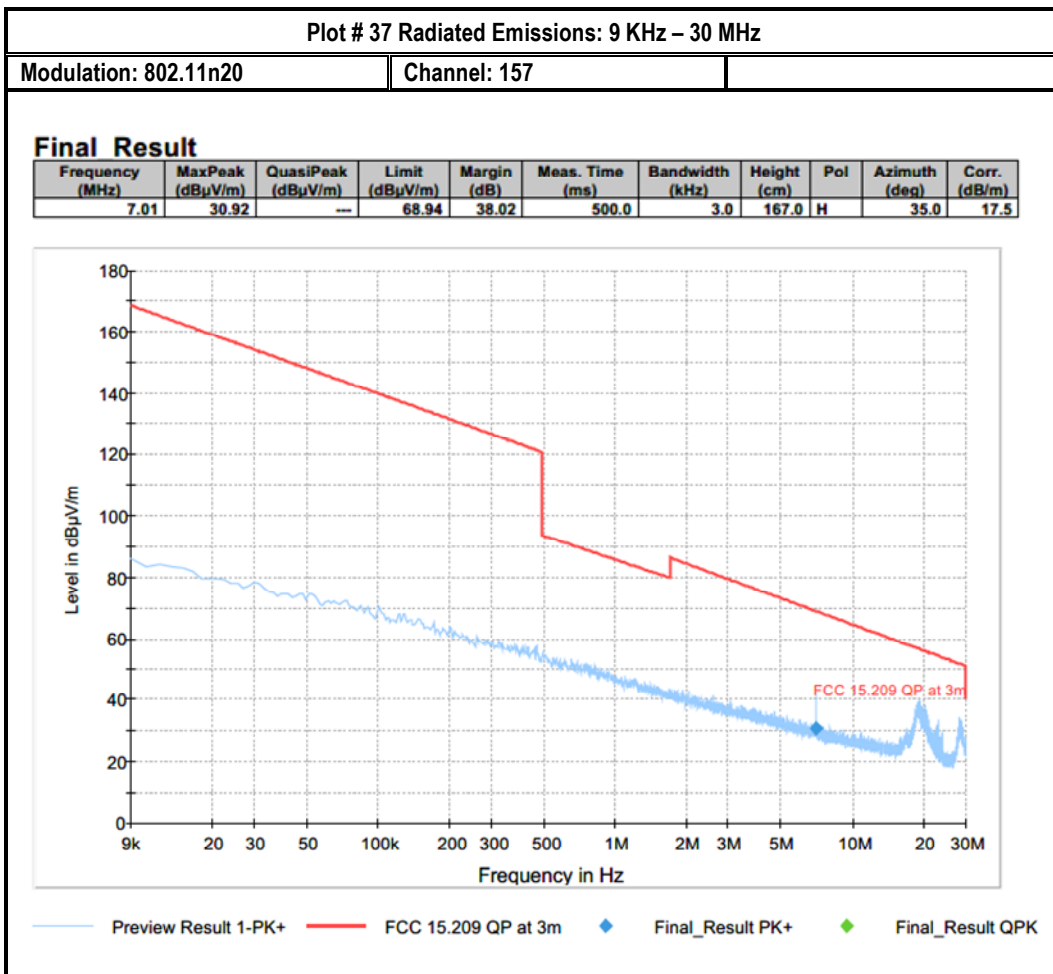
- ◆ Preview Result 1-PK+ Final_Result PK+
- ◆ FCC 15.407 PK at 3m Final_Result CAV
- FCC 15.407 AVG at 3m

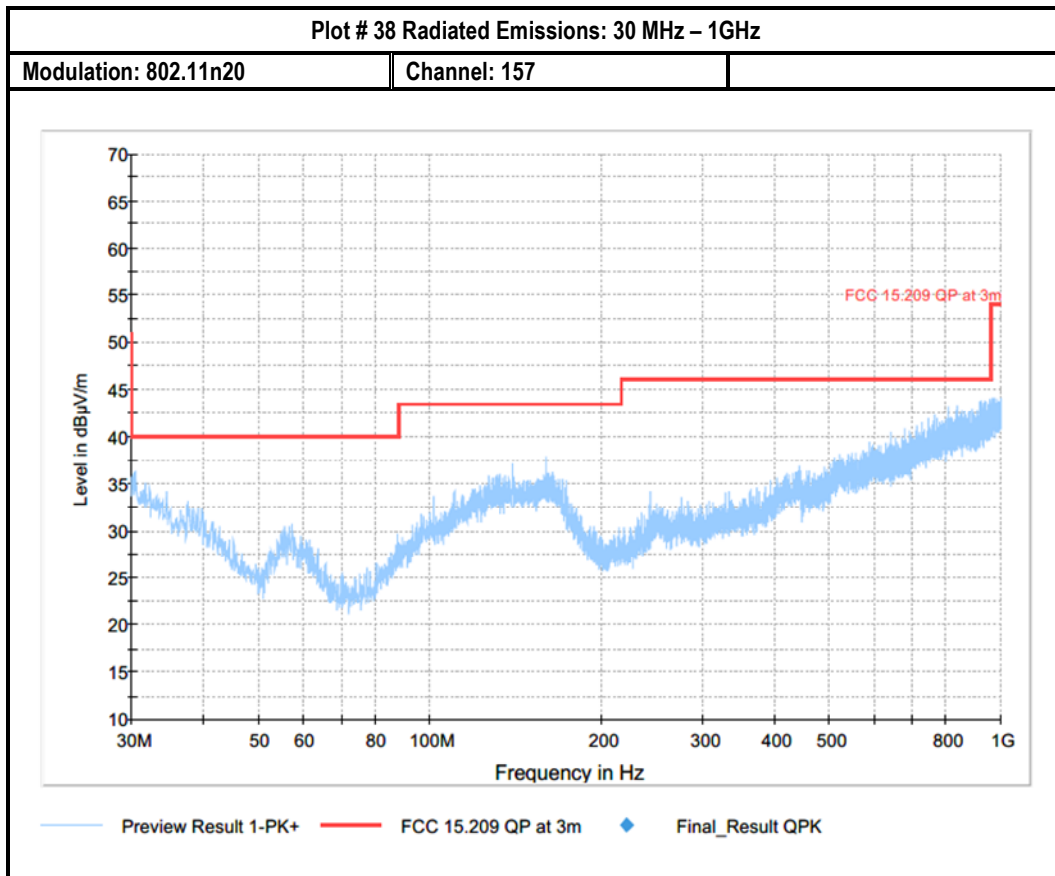












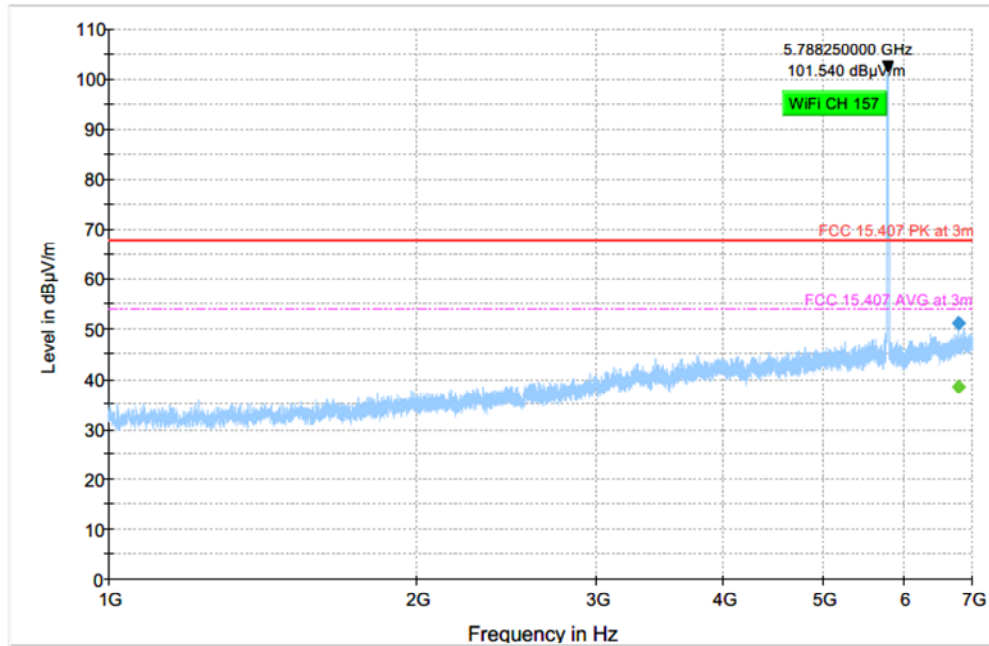
Plot # 39 Radiated Emissions: 1-7 GHz

Modulation: 802.11n20

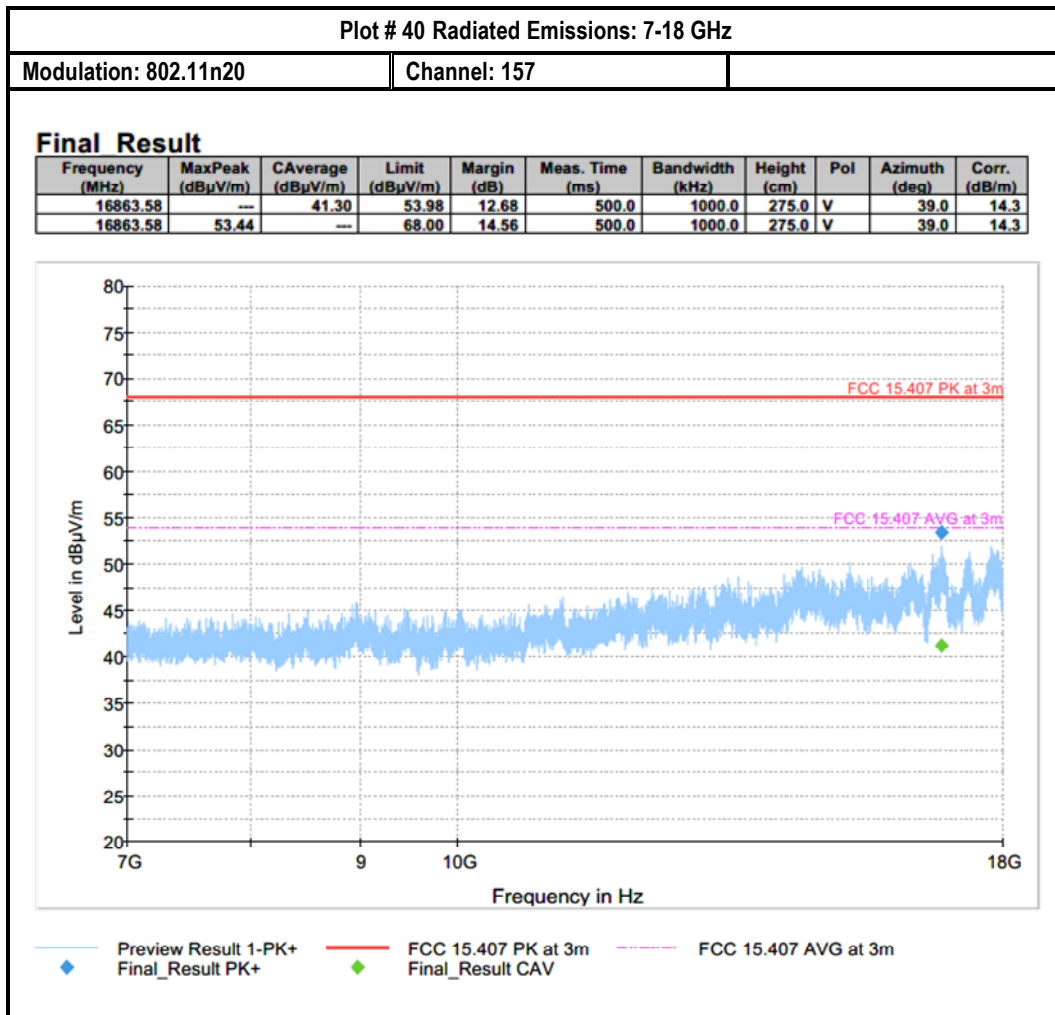
Channel: 157

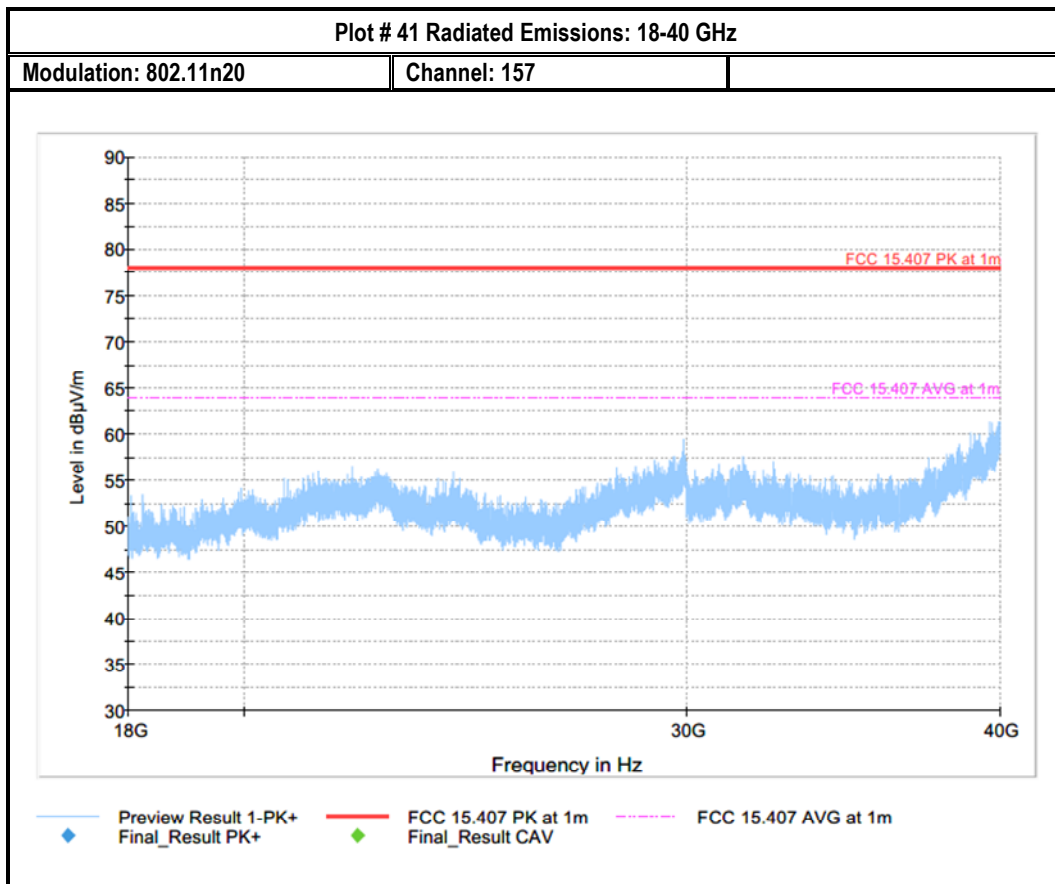
Final Result

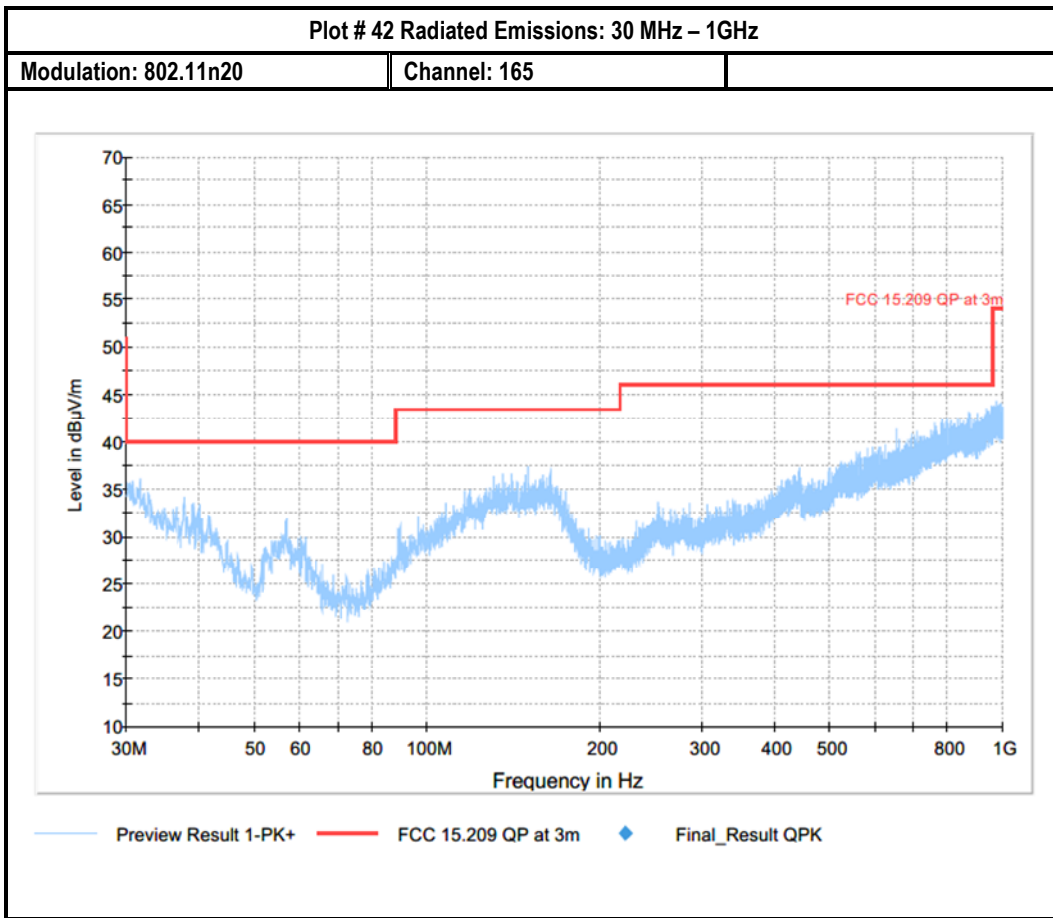
| Frequency (MHz) | MaxPeak (dBµV/m) | CAverage (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|-------------------|----------------|-------------|-----------------|-----------------|-------------|-----|---------------|--------------|
| 6793.75 | --- | 38.39 | 53.98 | 15.59 | 500.0 | 1000.0 | 172.0 | H | 99.0 | 18.3 |
| 6793.75 | 51.01 | --- | 68.00 | 16.99 | 500.0 | 1000.0 | 172.0 | H | 99.0 | 18.3 |



- ◆ Preview Result 1-PK+ Final_Result PK+
- ◆ FCC 15.407 PK at 3m Final_Result CAV
- ◆ FCC 15.407 AVG at 3m







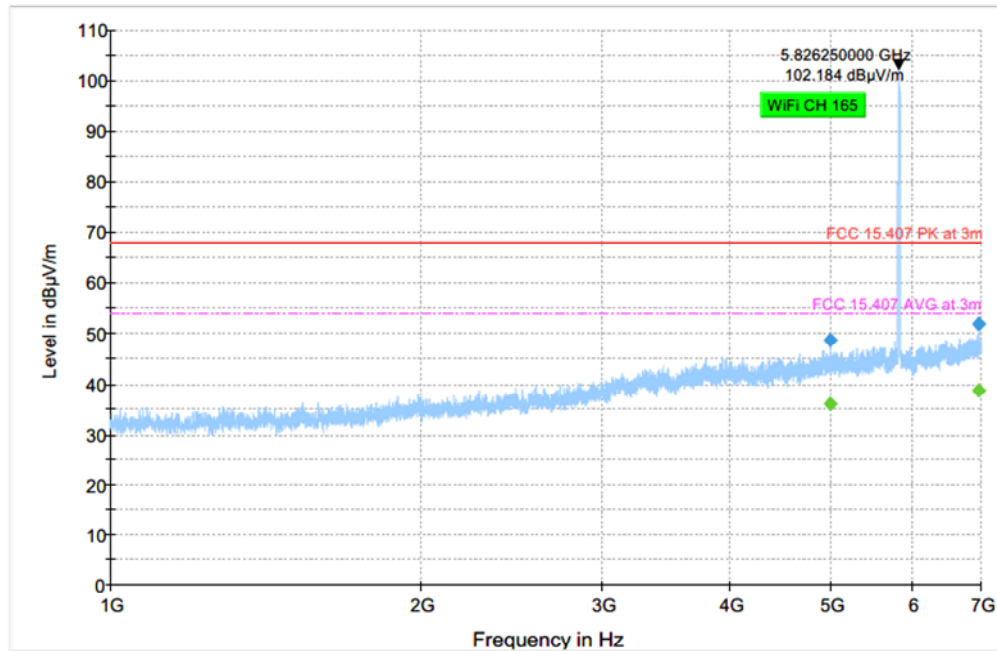
Plot # 43 Radiated Emissions: 1-7 GHz

Modulation: 802.11n20

Channel: 165

Final Result

| Frequency (MHz) | MaxPeak (dBµV/m) | CAverage (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|-------------------|----------------|-------------|-----------------|-----------------|-------------|-----|---------------|--------------|
| 4999.25 | --- | 35.94 | 53.98 | 18.04 | 500.0 | 1000.0 | 100.0 | H | 100.0 | 14.9 |
| 4999.25 | 48.61 | --- | 68.00 | 19.39 | 500.0 | 1000.0 | 100.0 | H | 100.0 | 14.9 |
| 6961.25 | --- | 38.75 | 53.98 | 15.23 | 500.0 | 1000.0 | 151.0 | H | 359.0 | 19.4 |
| 6961.25 | 51.81 | --- | 68.00 | 16.19 | 500.0 | 1000.0 | 151.0 | H | 359.0 | 19.4 |



◆ Preview Result 1-PK+ Final_Result PK+ ◆ FCC 15.407 PK at 3m Final_Result CAV - - - - - FCC 15.407 AVG at 3m

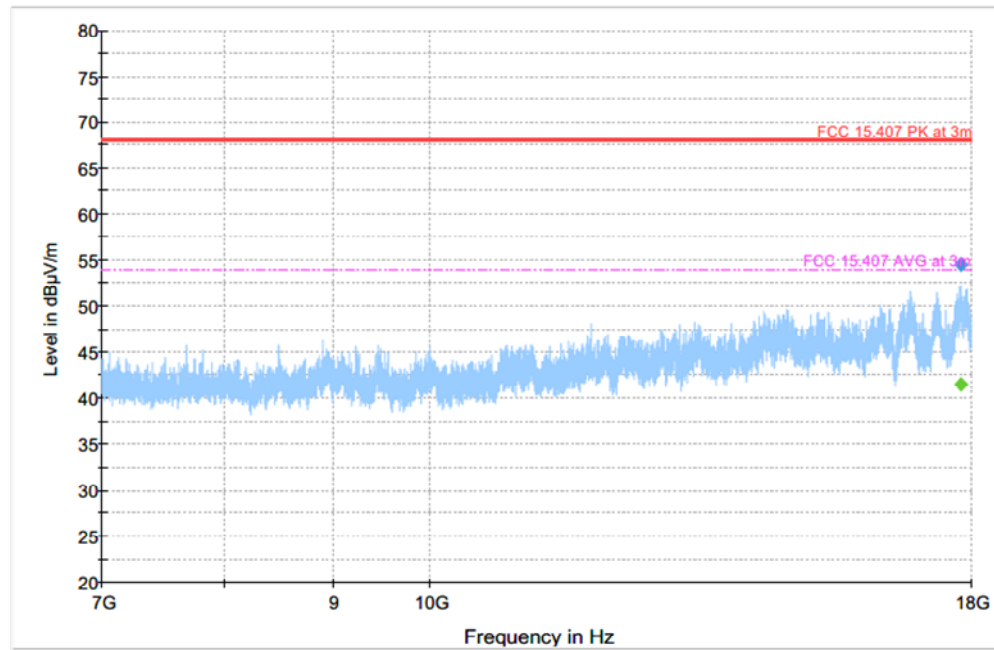
Plot # 44 Radiated Emissions: 7-18 GHz

Modulation: 802.11n20

Channel: 165

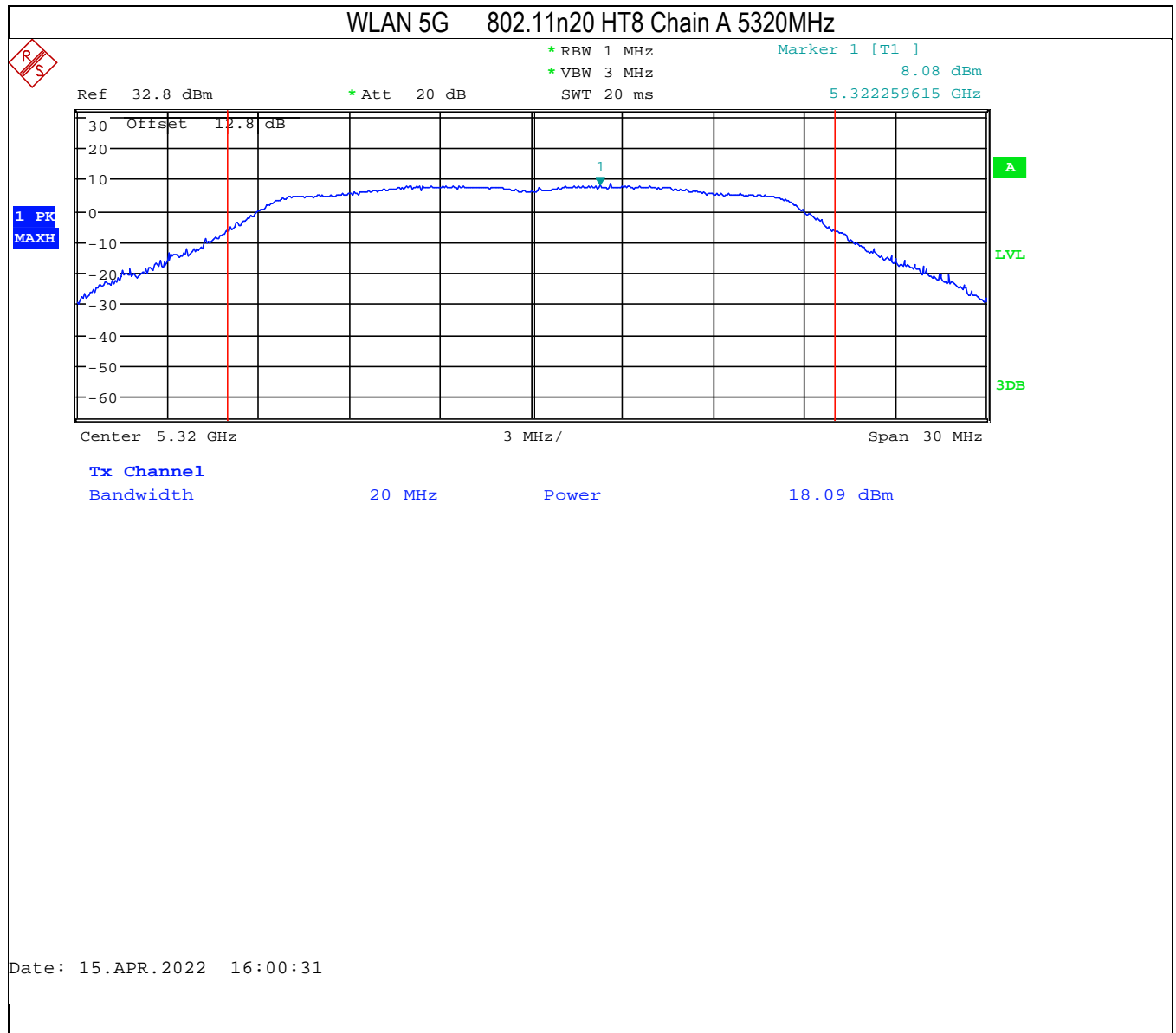
Final Result

| Frequency (MHz) | MaxPeak (dBµV/m) | CAverage (dBµV/m) | Limit (dBµV/m) | Margin (dB) | Meas. Time (ms) | Bandwidth (kHz) | Height (cm) | Pol | Azimuth (deg) | Corr. (dB/m) |
|-----------------|------------------|-------------------|----------------|-------------|-----------------|-----------------|-------------|-----|---------------|--------------|
| 17792.71 | --- | 41.46 | 53.98 | 12.52 | 500.0 | 1000.0 | 235.0 | V | 136.0 | 17.6 |
| 17792.71 | 54.49 | --- | 68.00 | 13.51 | 500.0 | 1000.0 | 235.0 | V | 136.0 | 17.6 |



◆ Preview Result 1-PK+ Final_Result PK+
 — FCC 15.407 PK at 3m
 - - - FCC 15.407 AVG at 3m
 ◆ Final_Result CAV

8.2 Power Verification



WLAN 5G 802.11n20 HT8 Chain B 5320MHz

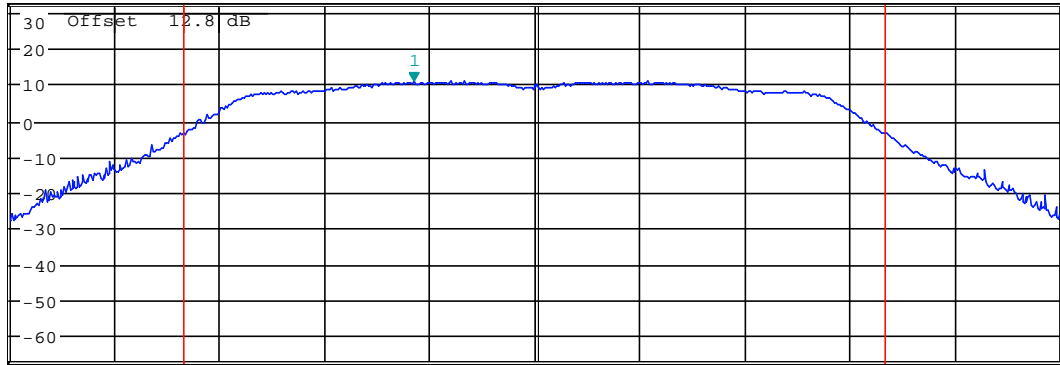


* RBW 1 MHz
* VBW 3 MHz
SWT 20 ms
Marker 1 [T1]
11.03 dBm
5.316538462 GHz

Ref 32.8 dBm

* Att 20 dB

1 PK
MAXH



Center 5.32 GHz

3 MHz/

Span 30 MHz

Tx Channel

Bandwidth

20 MHz

Power

21.15 dBm

Date: 15.APR.2022 15:59:20

9 Test setup photos

Setup photos are included in supporting file name: "EMC_JUNIP-042-22001_FCC_Setup_Photos"

10 Test Equipment And Ancillaries Used For Testing

| Equipment Type | Manufacturer | Model | Serial # | Calibration Cycle | Last Calibration Date |
|---------------------|-----------------|-----------|-----------|-------------------|-----------------------|
| ACTIVE LOOP ANTENNA | ETS LINDGREN | 6507 | 00161344 | 2 YEARS | 10/30/2020 |
| BILOG ANTENNA | ETS.LINDGREN | 3142E | 00166067 | 2 YEARS | 10/21/2021 |
| HORN ANTENNA | EMCO | 3115 | 00035114 | 2 YEARS | 08/10/2020 |
| HORN ANTENNA | ETS.LINDGREN | 3117 | 00215984 | 2 YEARS | 01/31/2021 |
| HORN ANTENNA | ETS.LINDGREN | 3116 | 00070497 | 2 YEARS | 11/23/2020 |
| TEST RECEIVER | R&S | ESU40 | 100251 | 2 YEARS | 09/13/2021 |
| DIGITAL THRMOMETER | CONTROL COMPANY | 36934-164 | 181230565 | 3 YEARS | 10/20/2021 |

Note: Equipment used meets the measurement uncertainty requirements as required per applicable standards for 95% confidence levels. Calibration due dates, unless defined specifically, falls on the last day of the month. Items indicated "N/A" for cal status either do not specifically require calibration or is internally characterized before use.

11 History

| Date | Report Name | Changes to report | Prepared by |
|------------|-------------------------------------|-------------------|-------------|
| 2022-05-31 | EMC_JUNIP-042-22001_FCC_15.407_UNII | Initial Version | Cheng Song |

<<< The End >>>