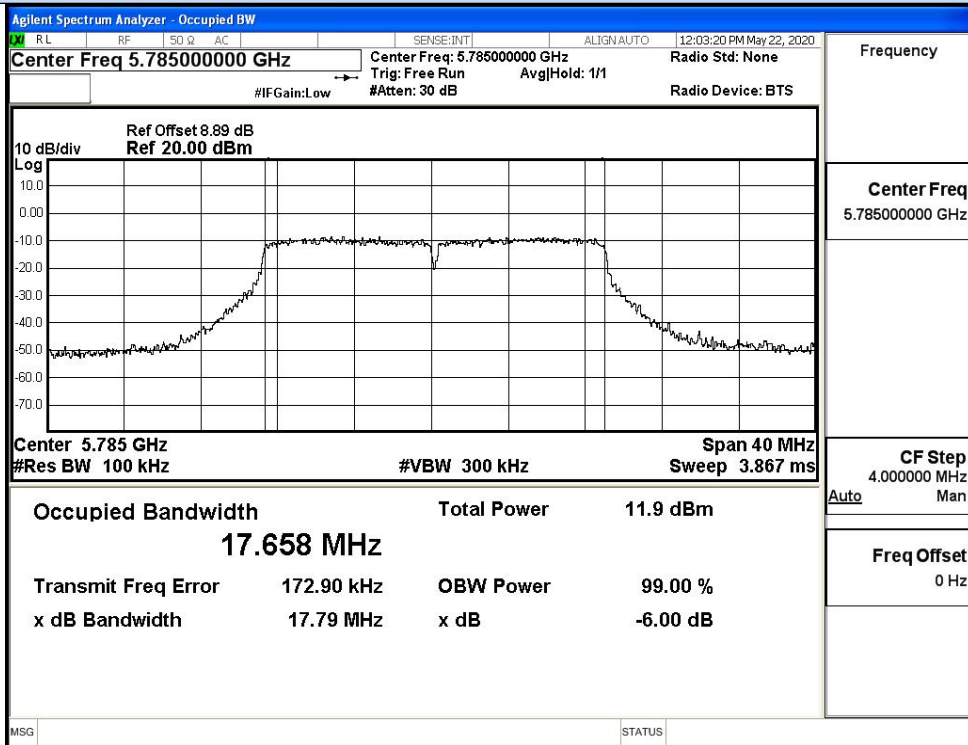
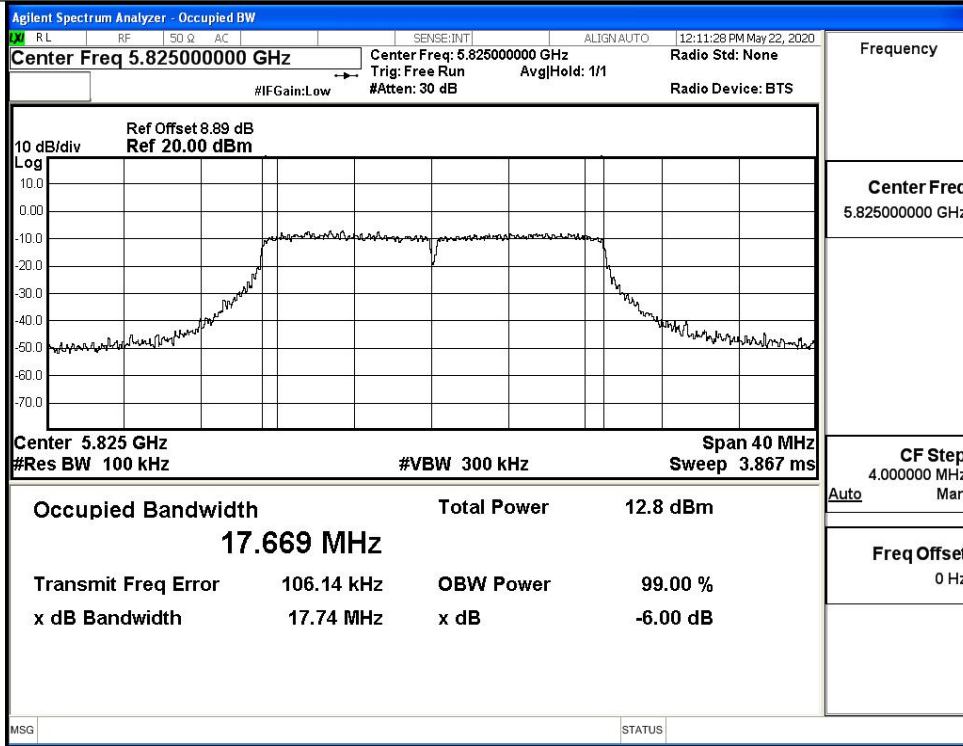


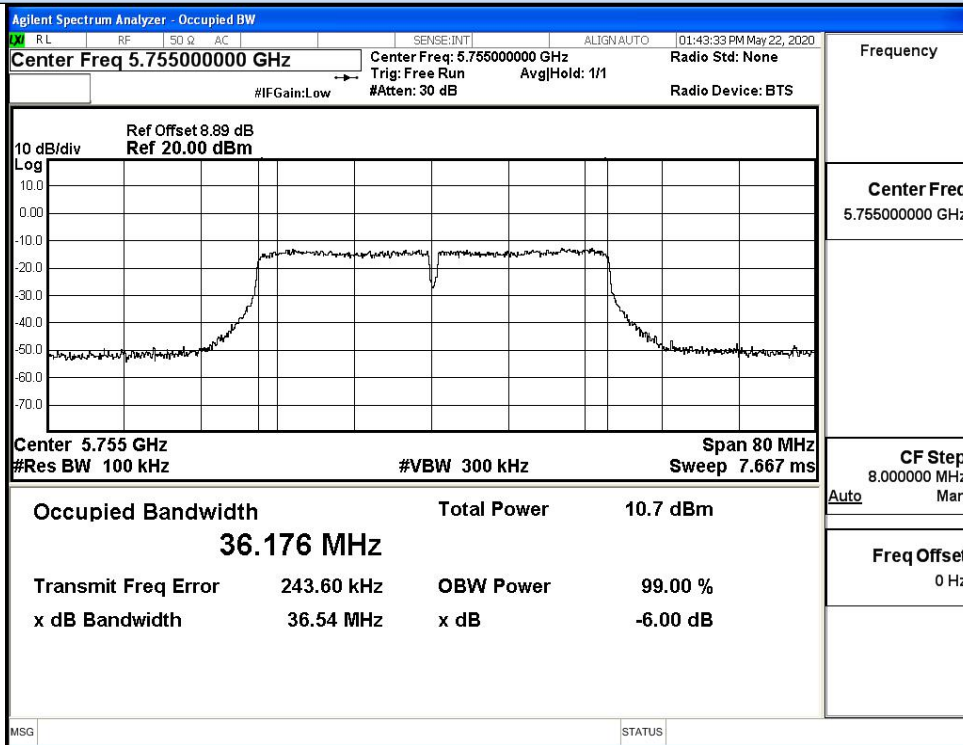
IEEE 802.11ac20 / Channel 149 / 5745MHz



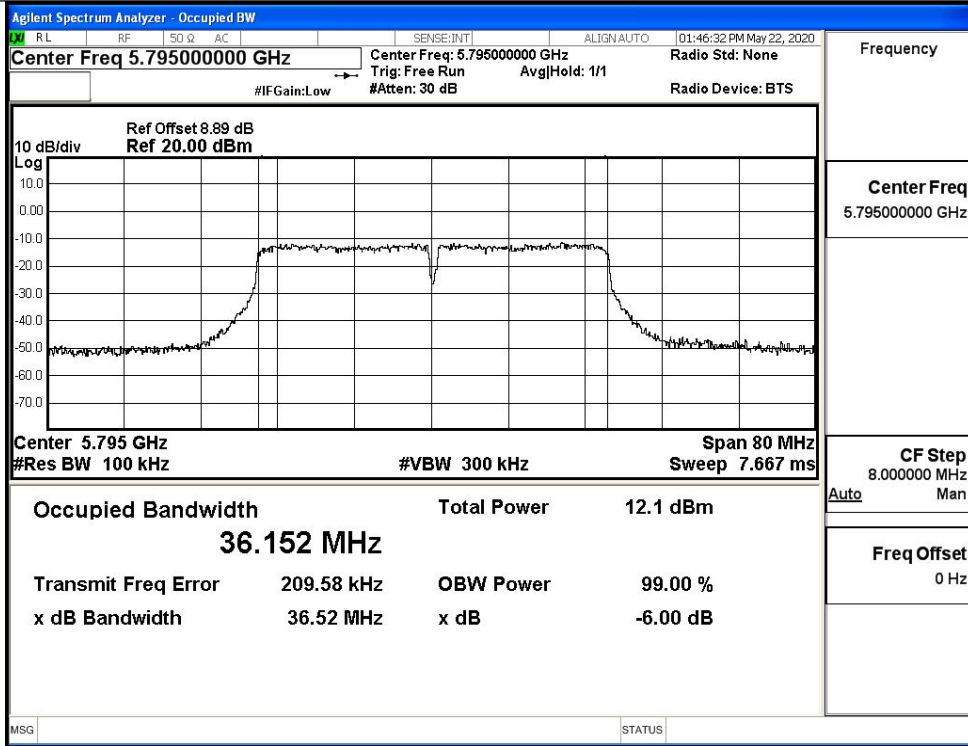
IEEE 802.11ac20 / Channel 157 / 5785MHz



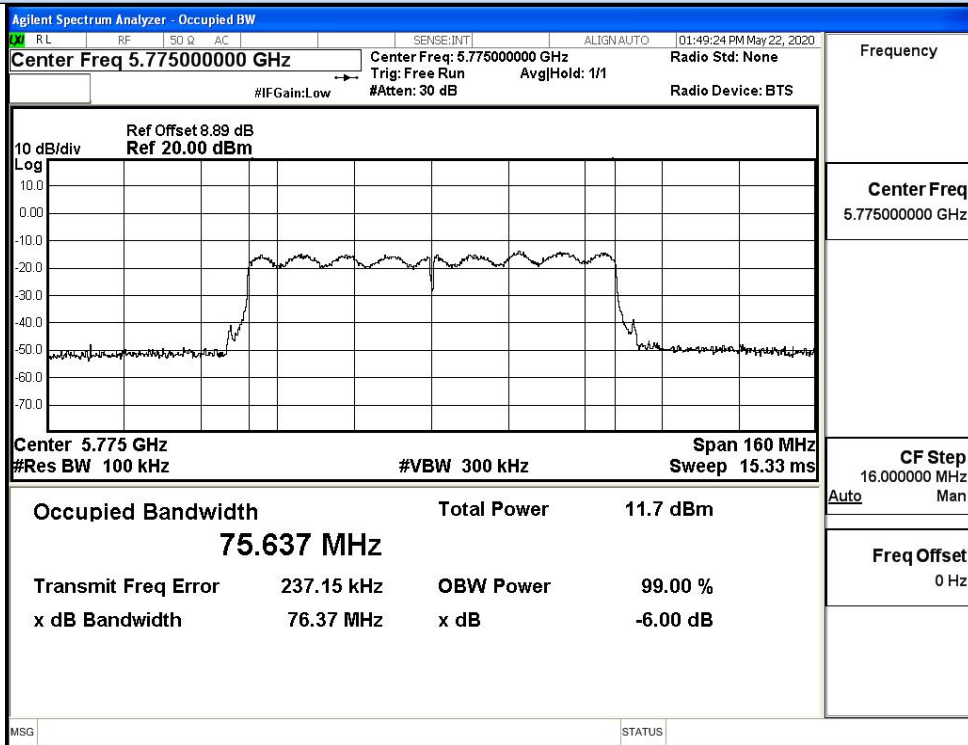
IEEE 802.11ac20 / Channel 165 / 5825MHz



IEEE 802.11ac40 / Channel 151 / 5755MHz



IEEE 802.11ac40 / Channel 159 / 5795MHz



IEEE 802.11ac80 / Channel 155 / 5775MHz

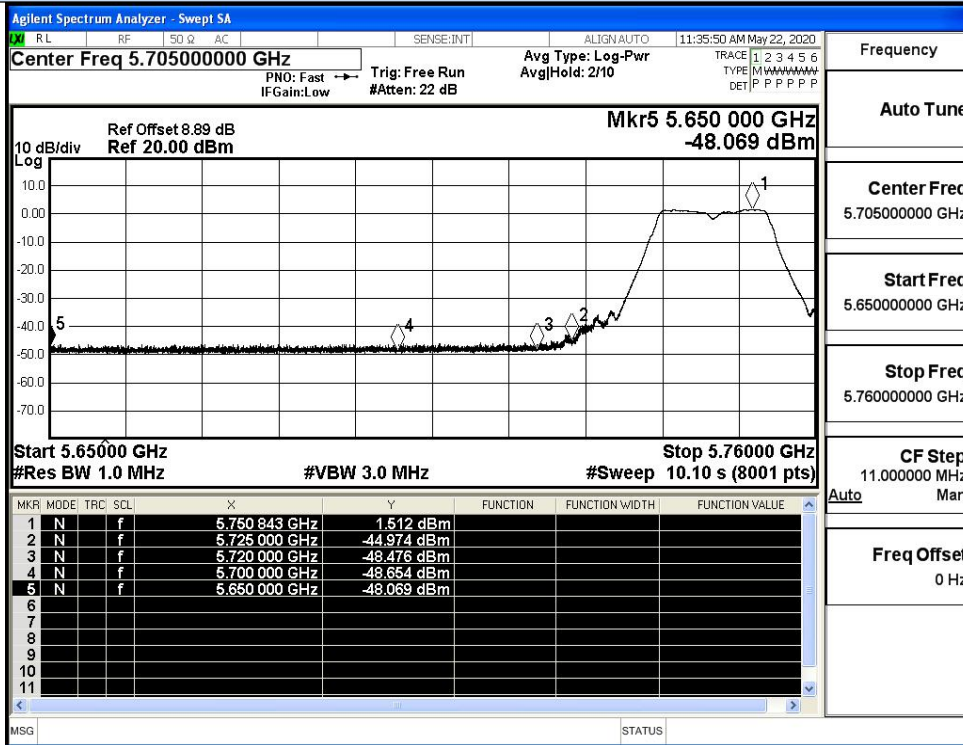
C.5 Undesirable Emissions Measurement

| Test Mode | Channel | Frequency (MHz) | Conducted Power (dBm) | Antenna Gain (dBi) | EIRP (dBm/MHz) | Detector | Limit (dBm/MHz) | Verdict |
|------------|---------|-----------------|-----------------------|--------------------|----------------|----------|-----------------|---------|
| 11A | 149 | 5650.0 | -48.07 | 2.00 | -48.07 | Peak | -27.0 | Pass |
| | | 5650.0 | -60.52 | 2.00 | -60.52 | Average | -27.0 | Pass |
| | | 5700.0 | -48.65 | 2.00 | -48.65 | Peak | 10 | Pass |
| | | 5700.0 | -60.07 | 2.00 | -60.07 | Average | 10 | Pass |
| | | 5720.0 | -48.48 | 2.00 | -48.48 | Peak | 15.6 | Pass |
| | | 5720.0 | -59.70 | 2.00 | -59.70 | Average | 15.6 | Pass |
| | | 5725.0 | -44.97 | 2.00 | -44.97 | Peak | 27.0 | Pass |
| | 5725.0 | -58.82 | 2.00 | -58.82 | Average | 27.0 | Pass | |
| | 165 | 5850.0 | -46.01 | 2.00 | -46.01 | Peak | 27.0 | Pass |
| | | 5850.0 | -59.18 | 2.00 | -59.18 | Average | 27.0 | Pass |
| | | 5855.0 | -47.18 | 2.00 | -47.18 | Peak | 15.6 | Pass |
| | | 5855.0 | -59.56 | 2.00 | -59.56 | Average | 15.6 | Pass |
| | | 5875.0 | -48.85 | 2.00 | -48.85 | Peak | 10 | Pass |
| | | 5875.0 | -59.96 | 2.00 | -59.96 | Average | 10 | Pass |
| 5925.0 | | -48.42 | 2.00 | -48.42 | Peak | -27.0 | Pass | |
| 5925.0 | -60.45 | 2.00 | -60.45 | Average | -27.0 | Pass | | |
| 11N20 SISO | 149 | 5650.0 | -47.83 | 2.00 | -47.83 | Peak | -27.0 | Pass |
| | | 5650.0 | -60.55 | 2.00 | -60.55 | Average | -27.0 | Pass |
| | | 5700.0 | -47.05 | 2.00 | -47.05 | Peak | 10 | Pass |
| | | 5700.0 | -59.76 | 2.00 | -59.76 | Average | 10 | Pass |
| | | 5720.0 | -48.35 | 2.00 | -48.35 | Peak | 15.6 | Pass |
| | | 5720.0 | -60.11 | 2.00 | -60.11 | Average | 15.6 | Pass |
| | | 5725.0 | -46.28 | 2.00 | -46.28 | Peak | 27.0 | Pass |
| | 5725.0 | -59.11 | 2.00 | -59.11 | Average | 27.0 | Pass | |
| | 165 | 5850.0 | -45.65 | 2.00 | -45.65 | Peak | 27.0 | Pass |
| | | 5850.0 | -58.67 | 2.00 | -58.67 | Average | 27.0 | Pass |
| | | 5855.0 | -47.97 | 2.00 | -47.97 | Peak | 15.6 | Pass |
| | | 5855.0 | -59.39 | 2.00 | -59.39 | Average | 15.6 | Pass |
| | | 5875.0 | -48.00 | 2.00 | -48.00 | Peak | 10 | Pass |
| | | 5875.0 | -59.80 | 2.00 | -59.80 | Average | 10 | Pass |
| 5925.0 | | -48.75 | 2.00 | -48.75 | Peak | -27.0 | Pass | |
| 5925.0 | -60.27 | 2.00 | -60.27 | Average | -27.0 | Pass | | |

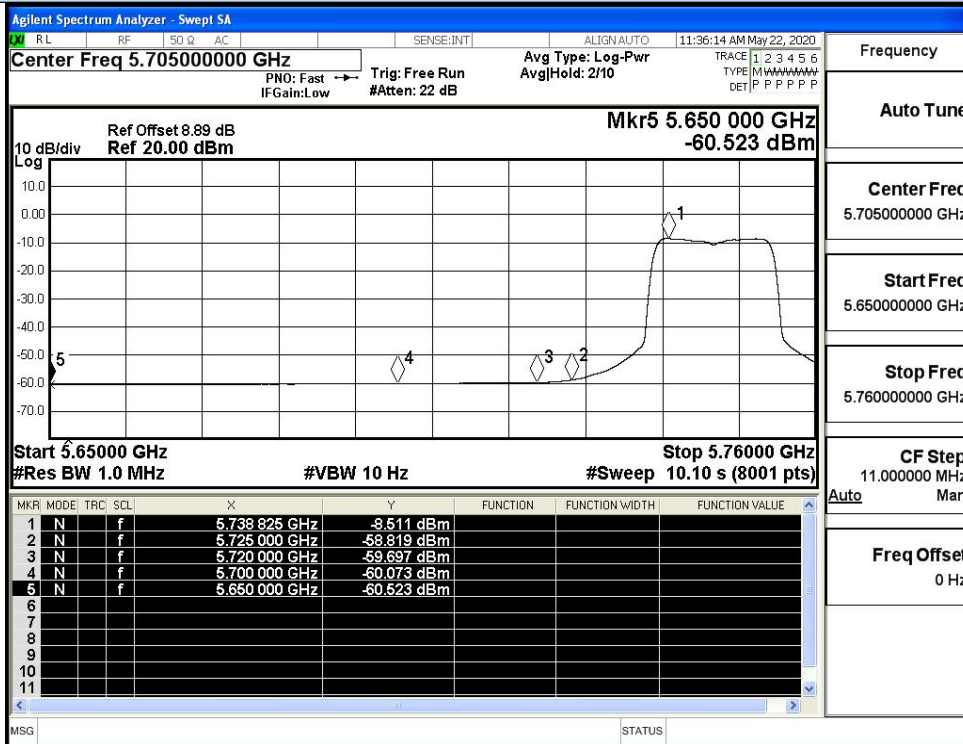
| Test Mode | Channel | Frequency (MHz) | Conducted Power (dBm) | Antenna Gain (dBi) | EIRP (dBm/MHz) | Detector | Limit (dBm/MHz) | Verdict |
|--------------|---------|-----------------|-----------------------|--------------------|----------------|----------|-----------------|---------|
| 11N40 SISO | 151 | 5650.0 | -46.33 | 2.00 | -46.33 | Peak | -27.0 | Pass |
| | | 5650.0 | -60.43 | 2.00 | -60.43 | Average | -27.0 | Pass |
| | | 5700.0 | -48.03 | 2.00 | -48.03 | Peak | 10 | Pass |
| | | 5700.0 | -59.99 | 2.00 | -59.99 | Average | 10 | Pass |
| | | 5720.0 | -45.89 | 2.00 | -45.89 | Peak | 15.6 | Pass |
| | | 5720.0 | -59.08 | 2.00 | -59.08 | Average | 15.6 | Pass |
| | | 5725.0 | -43.50 | 2.00 | -43.50 | Peak | 27.0 | Pass |
| | 159 | 5725.0 | -58.06 | 2.00 | -58.06 | Average | 27.0 | Pass |
| | 5850.0 | -47.02 | 2.00 | -47.02 | Peak | 27.0 | Pass | |
| | 5850.0 | -59.20 | 2.00 | -59.20 | Average | 27.0 | Pass | |
| | 5855.0 | -47.66 | 2.00 | -47.66 | Peak | 15.6 | Pass | |
| | 5855.0 | -59.26 | 2.00 | -59.26 | Average | 15.6 | Pass | |
| | 5875.0 | -48.07 | 2.00 | -48.07 | Peak | 10 | Pass | |
| | 5875.0 | -59.54 | 2.00 | -59.54 | Average | 10 | Pass | |
| 5925.0 | -47.54 | 2.00 | -47.54 | Peak | -27.0 | Pass | | |
| 5925.0 | -59.94 | 2.00 | -59.94 | Average | -27.0 | Pass | | |
| 11AC2 0 SISO | 149 | 5650.0 | -49.22 | 2.00 | -49.22 | Peak | -27.0 | Pass |
| | | 5650.0 | -60.57 | 2.00 | -60.57 | Average | -27.0 | Pass |
| | | 5700.0 | -48.78 | 2.00 | -48.78 | Peak | 10 | Pass |
| | | 5700.0 | -59.74 | 2.00 | -59.74 | Average | 10 | Pass |
| | | 5720.0 | -46.33 | 2.00 | -46.33 | Peak | 15.6 | Pass |
| | | 5720.0 | -60.07 | 2.00 | -60.07 | Average | 15.6 | Pass |
| | | 5725.0 | -45.79 | 2.00 | -45.79 | Peak | 27.0 | Pass |
| | 165 | 5725.0 | -58.88 | 2.00 | -58.88 | Average | 27.0 | Pass |
| | 5850.0 | -46.86 | 2.00 | -46.86 | Peak | 27.0 | Pass | |
| | 5850.0 | -58.95 | 2.00 | -58.95 | Average | 27.0 | Pass | |
| | 5855.0 | -47.17 | 2.00 | -47.17 | Peak | 15.6 | Pass | |
| | 5855.0 | -59.53 | 2.00 | -59.53 | Average | 15.6 | Pass | |
| | 5875.0 | -48.37 | 2.00 | -48.37 | Peak | 10 | Pass | |
| | 5875.0 | -59.91 | 2.00 | -59.91 | Average | 10 | Pass | |
| 5925.0 | -47.97 | 2.00 | -47.97 | Peak | -27.0 | Pass | | |
| 5925.0 | -60.42 | 2.00 | -60.42 | Average | -27.0 | Pass | | |
| 11AC4 0 SISO | 151 | 5650.0 | -47.55 | 2.00 | -47.55 | Peak | -27.0 | Pass |
| | | 5650.0 | -60.32 | 2.00 | -60.32 | Average | -27.0 | Pass |
| | | 5700.0 | -48.58 | 2.00 | -48.58 | Peak | 10 | Pass |
| | | 5700.0 | -59.90 | 2.00 | -59.90 | Average | 10 | Pass |
| | | 5720.0 | -47.84 | 2.00 | -47.84 | Peak | 15.6 | Pass |
| | | 5720.0 | -59.22 | 2.00 | -59.22 | Average | 15.6 | Pass |
| | | 5725.0 | -45.89 | 2.00 | -45.89 | Peak | 27.0 | Pass |
| | 159 | 5725.0 | -58.49 | 2.00 | -58.49 | Average | 27.0 | Pass |
| | 5850.0 | -47.69 | 2.00 | -47.69 | Peak | 27.0 | Pass | |
| | 5850.0 | -59.22 | 2.00 | -59.22 | Average | 27.0 | Pass | |
| | 5855.0 | -48.28 | 2.00 | -48.28 | Peak | 15.6 | Pass | |
| | 5855.0 | -59.36 | 2.00 | -59.36 | Average | 15.6 | Pass | |
| | 5875.0 | -48.05 | 2.00 | -48.05 | Peak | 10 | Pass | |
| | 5875.0 | -59.60 | 2.00 | -59.60 | Average | 10 | Pass | |
| 5925.0 | -48.55 | 2.00 | -48.55 | Peak | -27.0 | Pass | | |
| 5925.0 | -60.02 | 2.00 | -60.02 | Average | -27.0 | Pass | | |
| 11AC8 0 SISO | 155 | 5725.0 | -48.88 | 2.00 | -44.55 | Peak | -27.0 | Pass |
| | | 5725.0 | -58.52 | 2.00 | -56.35 | Average | -27.0 | Pass |
| | | 5720.0 | -49.04 | 2.00 | -43.37 | Peak | 10 | Pass |
| | | 5720.0 | -58.70 | 2.00 | -56.85 | Average | 10 | Pass |
| | | 5700.0 | -49.66 | 2.00 | -47.19 | Peak | 15.6 | Pass |
| | | 5700.0 | -59.71 | 2.00 | -58.79 | Average | 15.6 | Pass |
| | | 5650.0 | -51.59 | 2.00 | -48.97 | Peak | 27.0 | Pass |
| | | 5650.0 | -60.36 | 2.00 | -59.78 | Average | 27.0 | Pass |
| | | 5850.0 | -44.55 | 2.00 | -44.55 | Peak | 27.0 | Pass |
| | | 5850.0 | -56.35 | 2.00 | -56.35 | Average | 27.0 | Pass |
| | | 5855.0 | -43.37 | 2.00 | -43.37 | Peak | 15.6 | Pass |
| | | 5855.0 | -56.85 | 2.00 | -56.85 | Average | 15.6 | Pass |
| | | 5875.0 | -47.19 | 2.00 | -47.19 | Peak | 10 | Pass |

| | | | | | | | | |
|--|--|--------|--------|------|--------|---------|-------|------|
| | | 5875.0 | -58.79 | 2.00 | -58.79 | Average | 10.0 | Pass |
| | | 5925.0 | -48.97 | 2.00 | -48.97 | Peak | -27.0 | Pass |
| | | 5925.0 | -59.78 | 2.00 | -59.78 | Average | -27.0 | Pass |

Undesirable Emissions Measurement

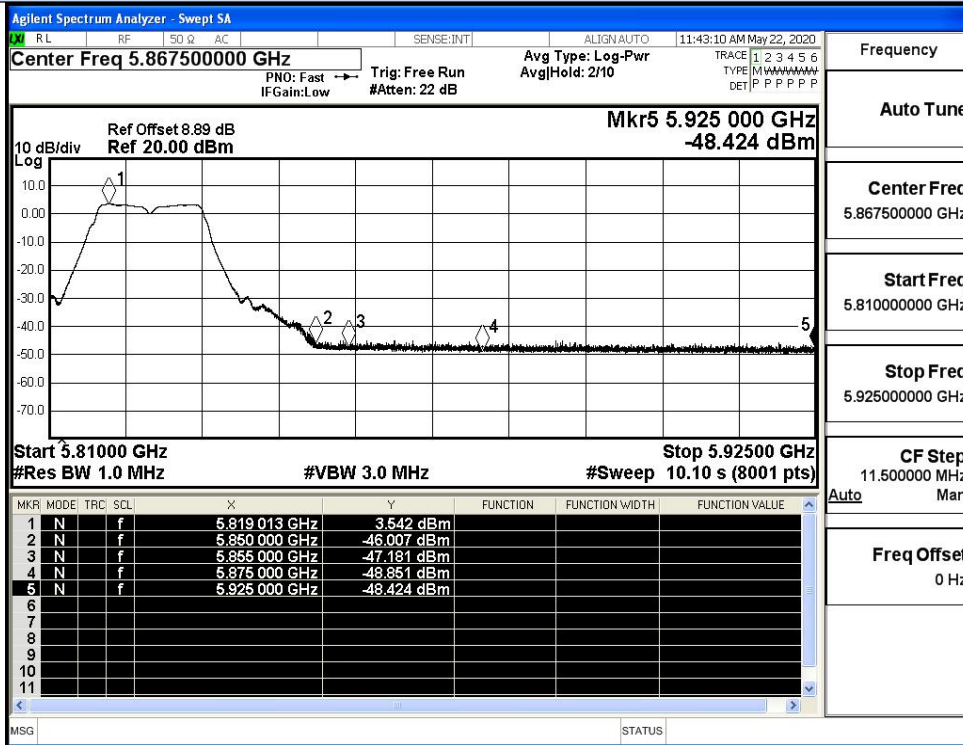


IEEE 802.11a / Channel 149 / 5745MHz / Peak

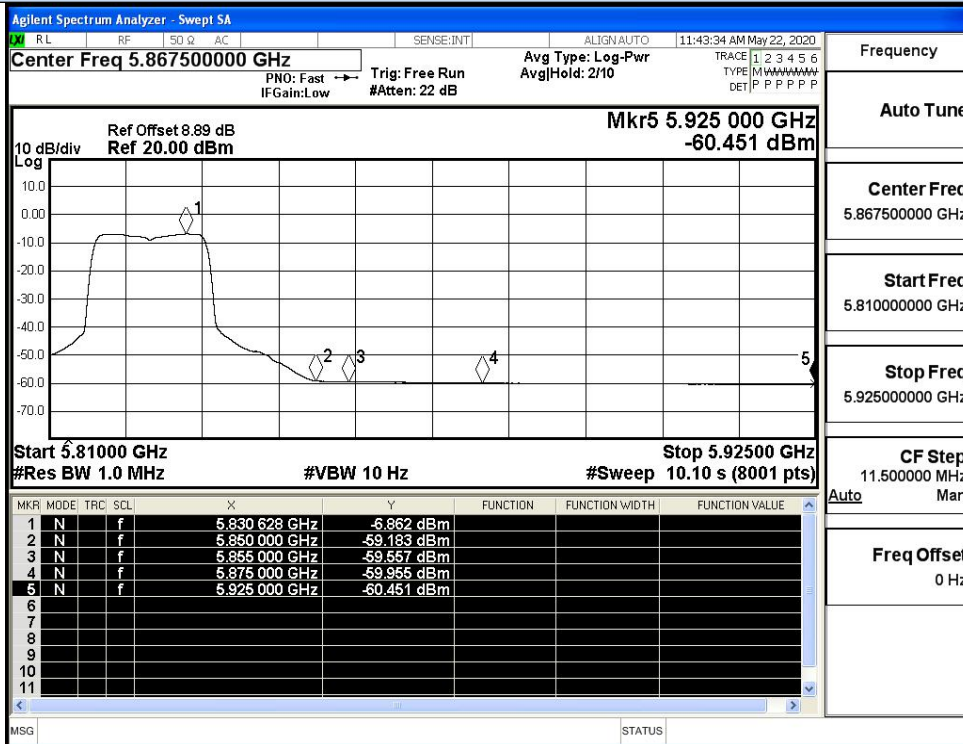


IEEE 802.11a / Channel 148 / 5745MHz / Average

Undesirable Emissions Measurement

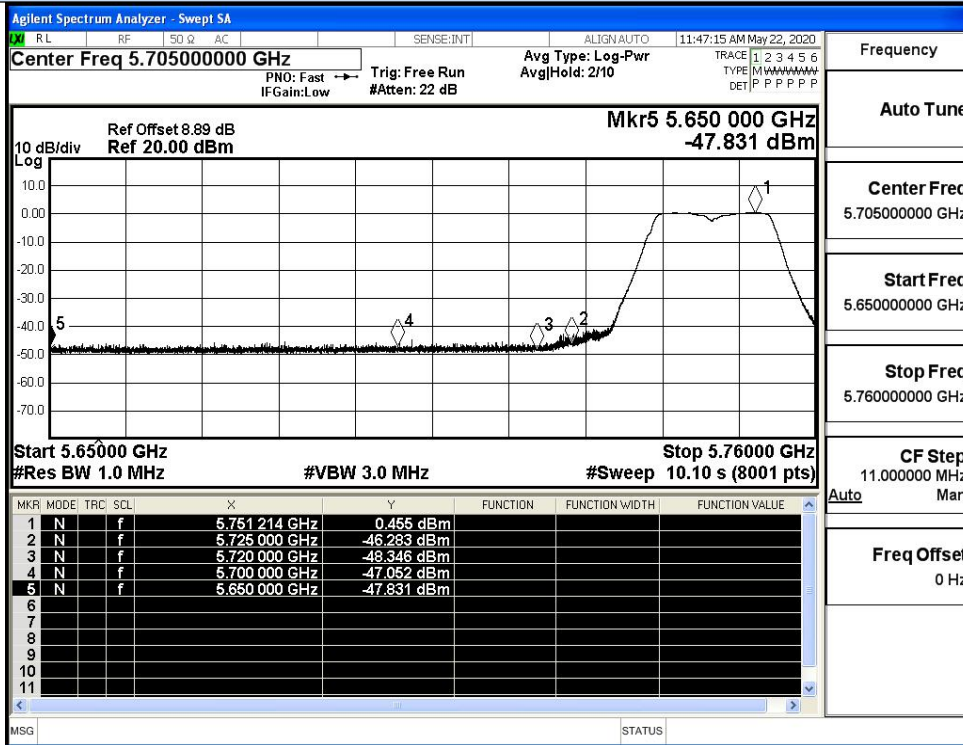


IEEE 802.11a / Channel 165 / 5825MHz / Peak

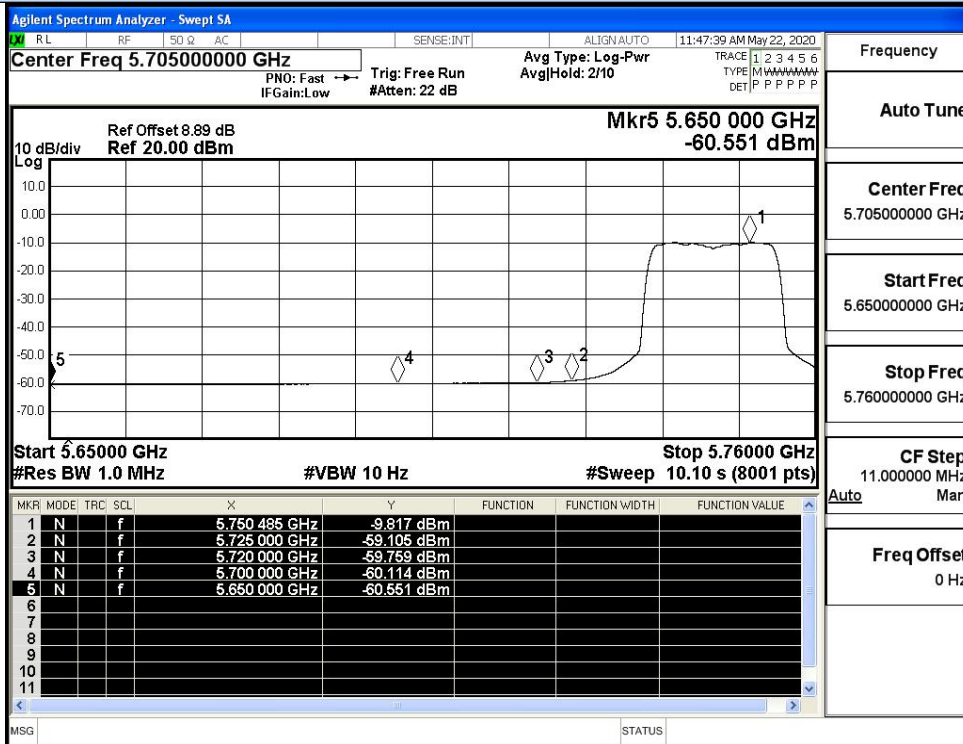


IEEE 802.11a / Channel 165 / 5825MHz / Average

Undesirable Emissions Measurement

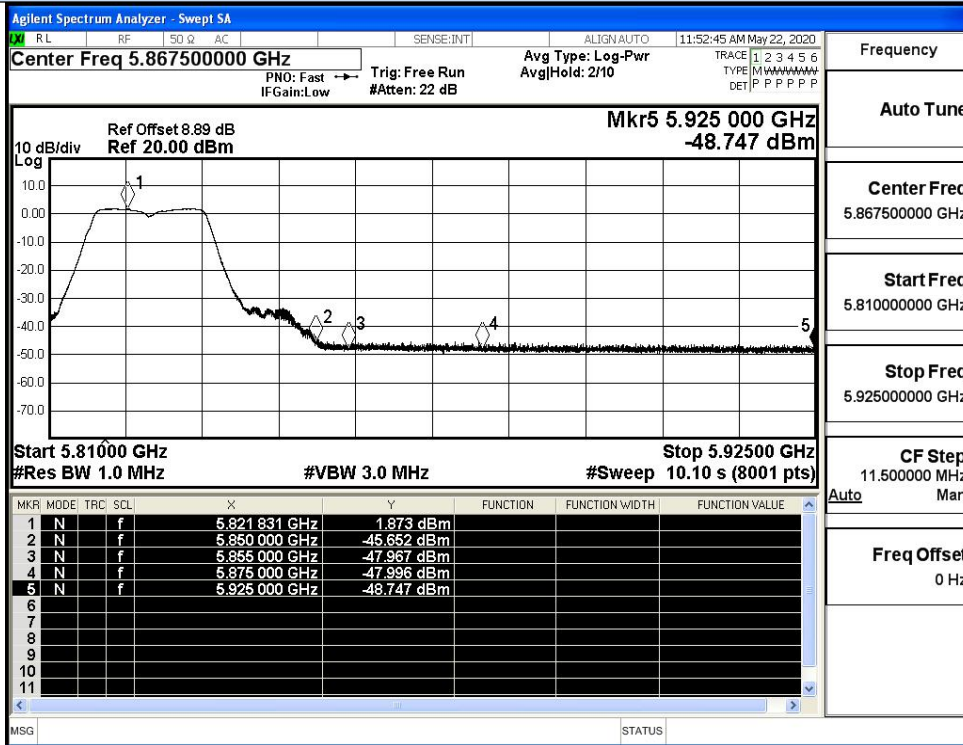


IEEE 802.11n20 / Channel 149 / 5745MHz / Peak

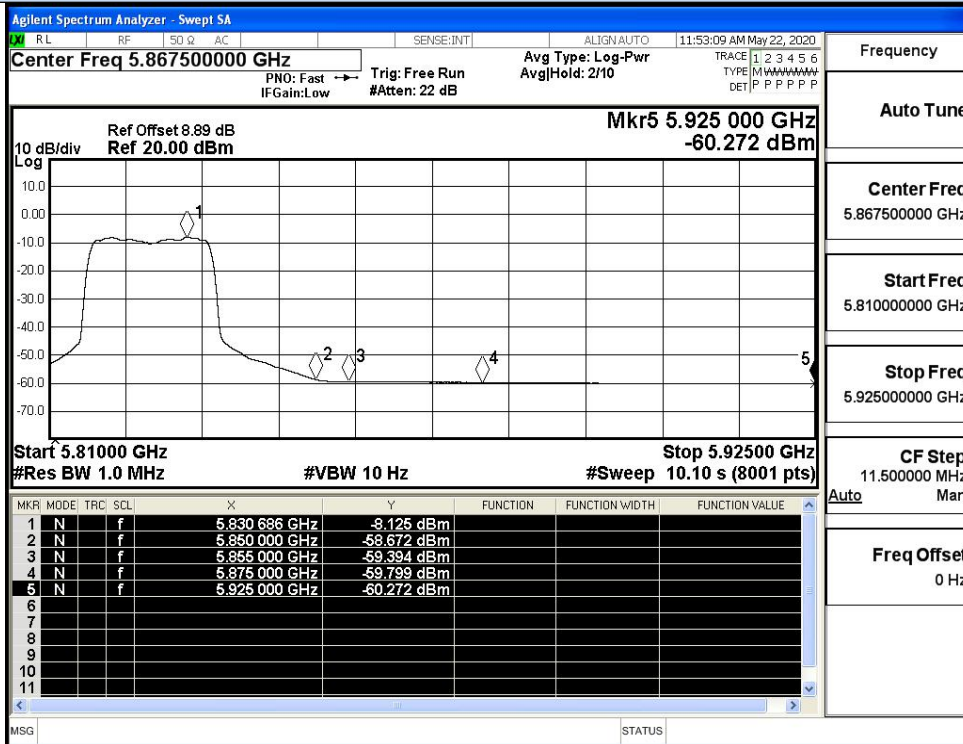


IEEE 802.11n20 / Channel 149 / 5745MHz / Average

Undesirable Emissions Measurement

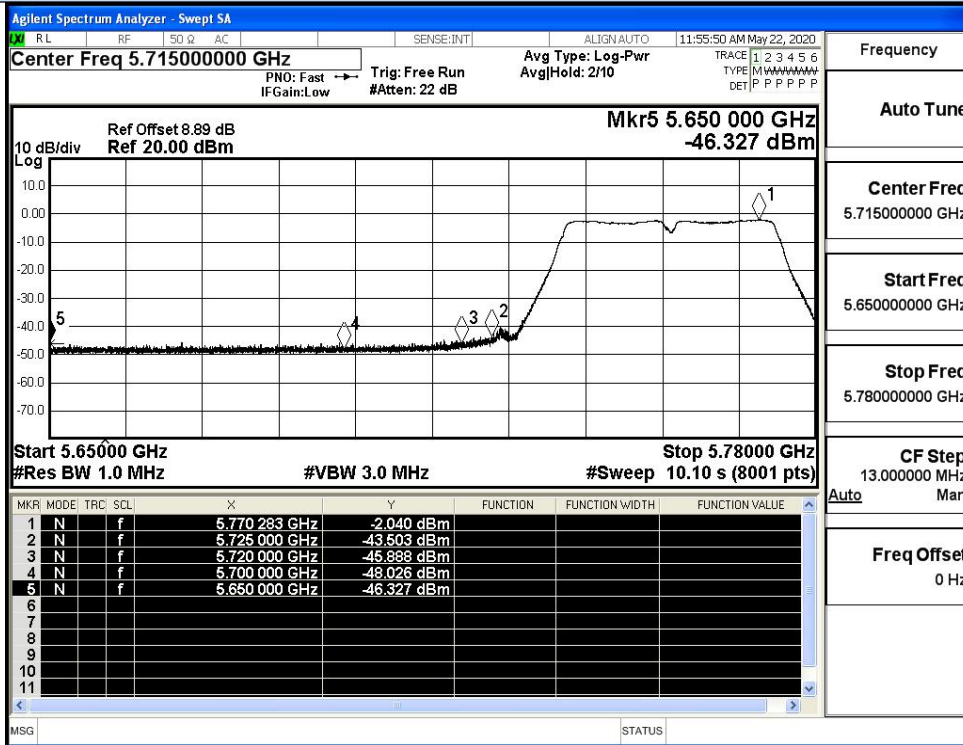


IEEE 802.11n20 / Channel 165 / 5825MHz / Peak

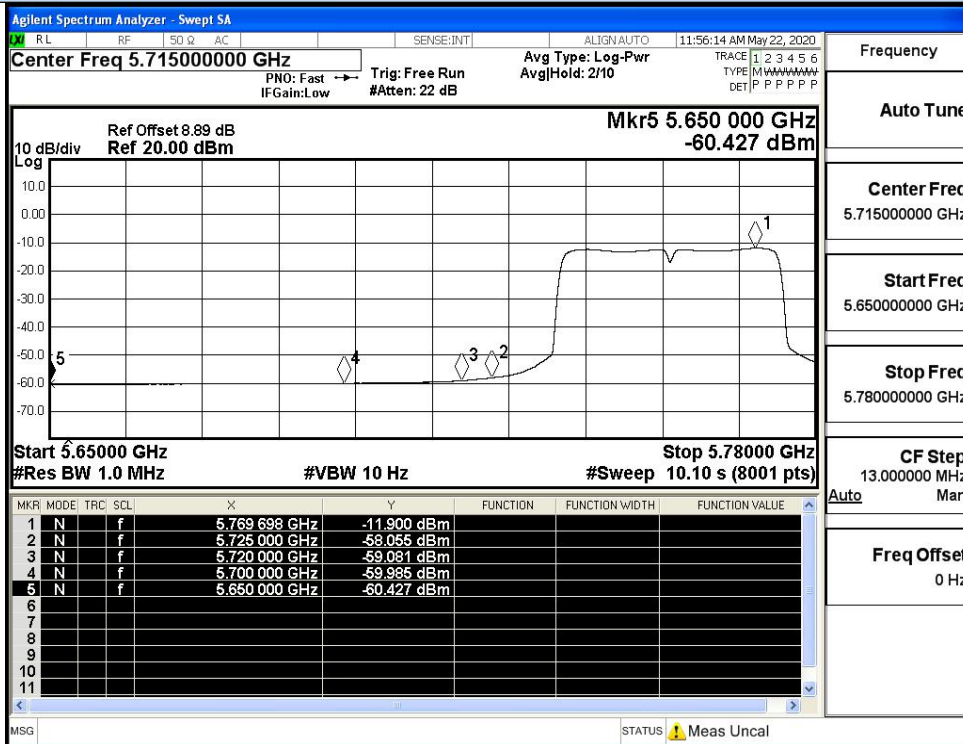


IEEE 802.11n20 / Channel 165 / 5825MHz / Average

Undesirable Emissions Measurement

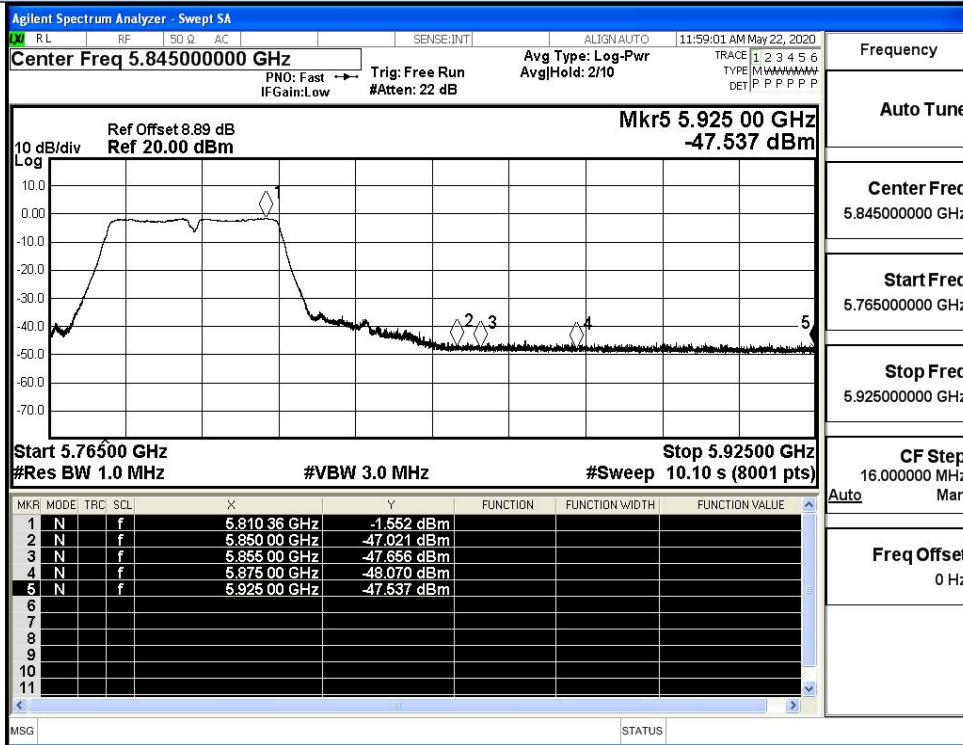


IEEE 802.11n40 / Channel 151 / 5755MHz / Peak

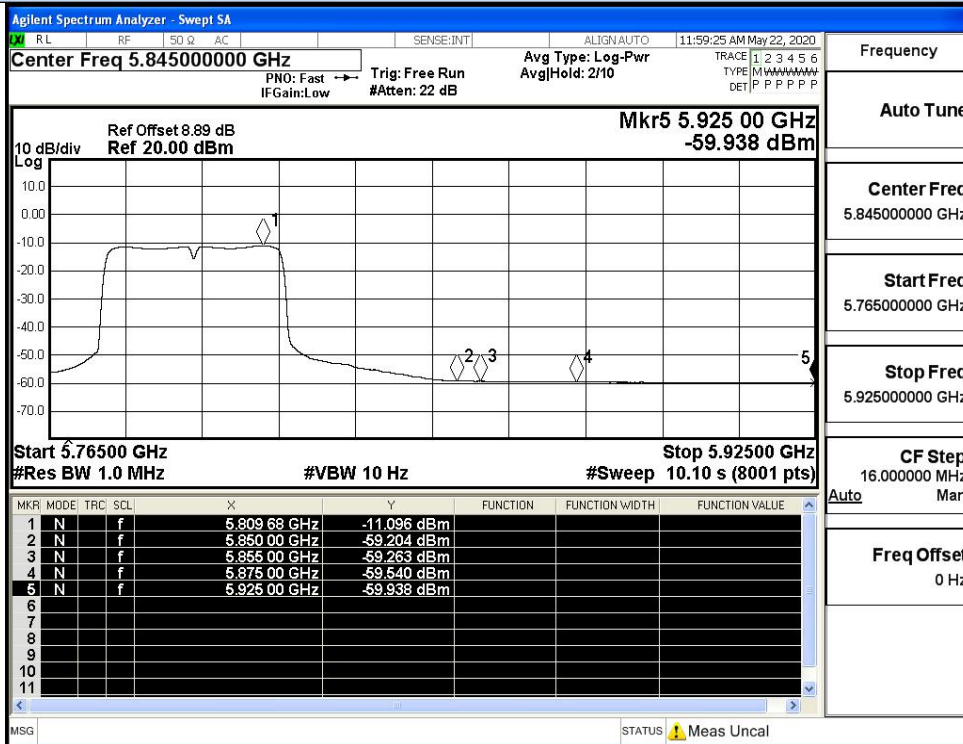


IEEE 802.11n40 / Channel 151 / 5755MHz / Average

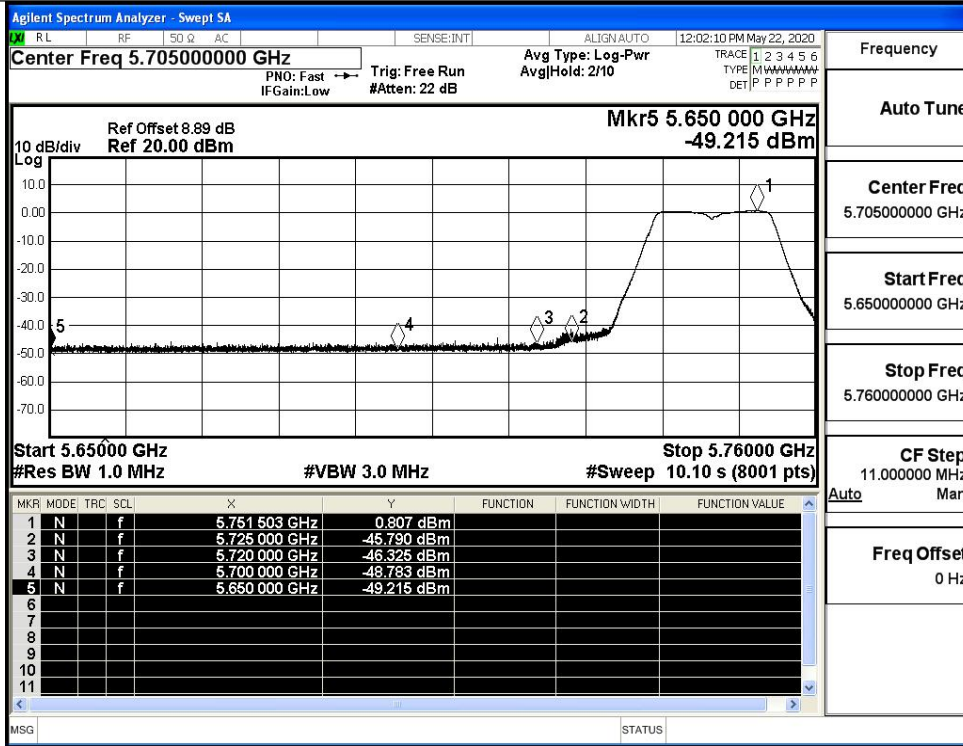
Undesirable Emissions Measurement



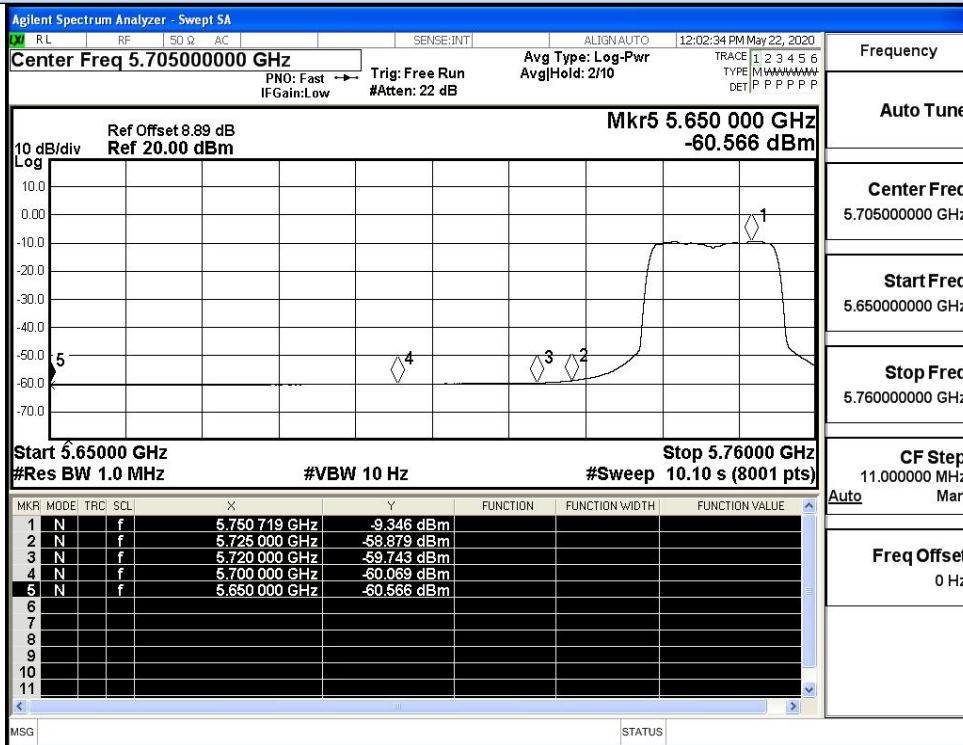
IEEE 802.11n40 / Channel 159 / 5795MHz / Peak



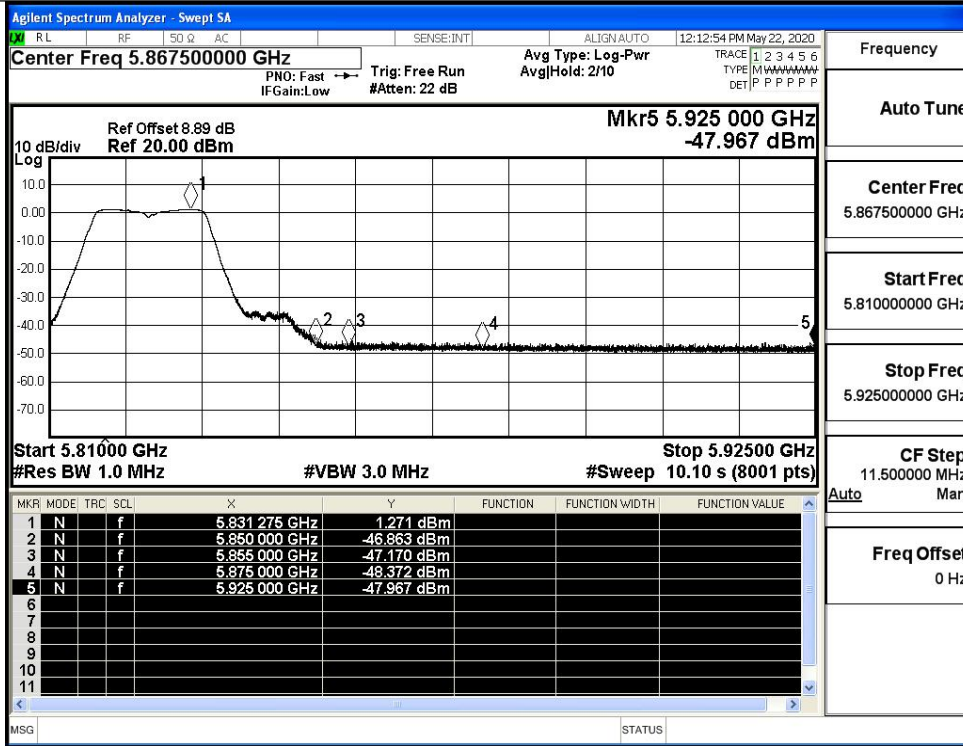
IEEE 802.11n40 / Channel 159 / 5795MHz / Average



IEEE 802.11ac20 / Channel 149 / 5745MHz / Peak



IEEE 802.11ac20 / Channel 149 / 5745MHz / Average



Frequency

Auto Tune

Center Freq
5.867500000 GHz

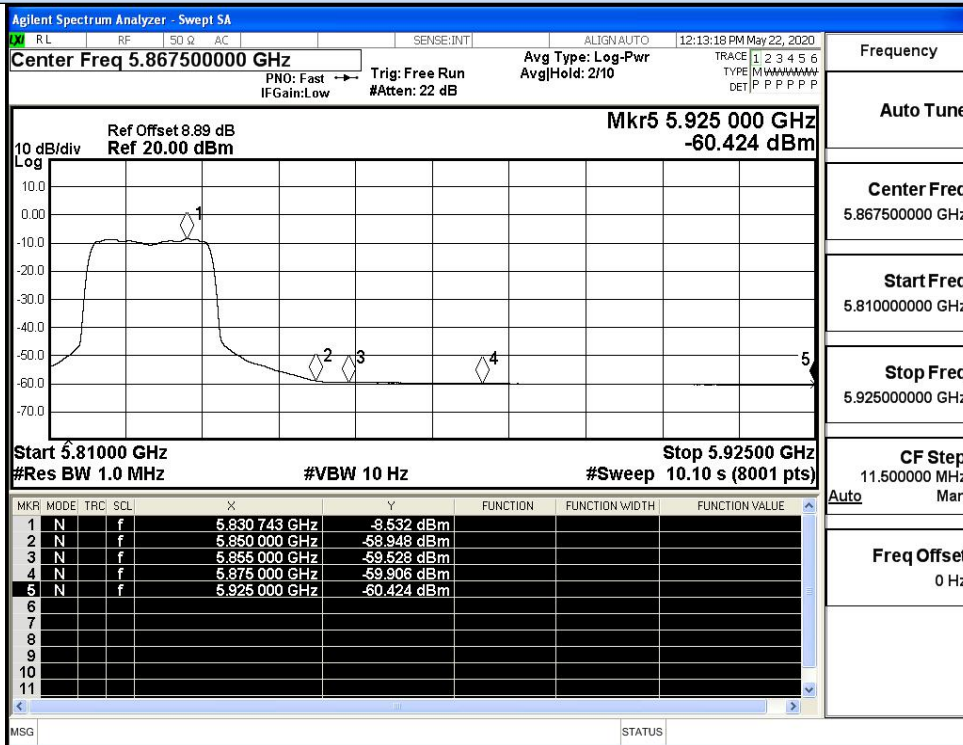
Start Freq
5.810000000 GHz

Stop Freq
5.925000000 GHz

CF Step
11.500000 MHz

Freq Offset
0 Hz

IEEE 802.11ac20 / Channel 165 / 5825MHz / Peak



Frequency

Auto Tune

Center Freq
5.867500000 GHz

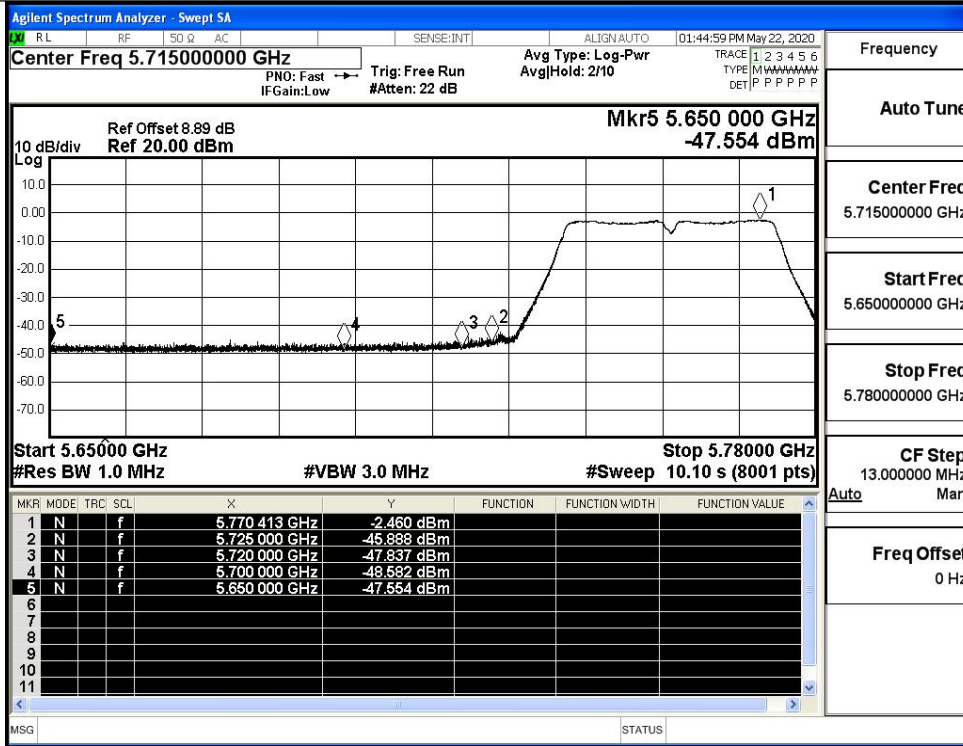
Start Freq
5.810000000 GHz

Stop Freq
5.925000000 GHz

CF Step
11.500000 MHz

Freq Offset
0 Hz

IEEE 802.11ac20 / Channel 165 / 5825MHz / Average



Frequency

Auto Tune

Center Freq
5.715000000 GHz

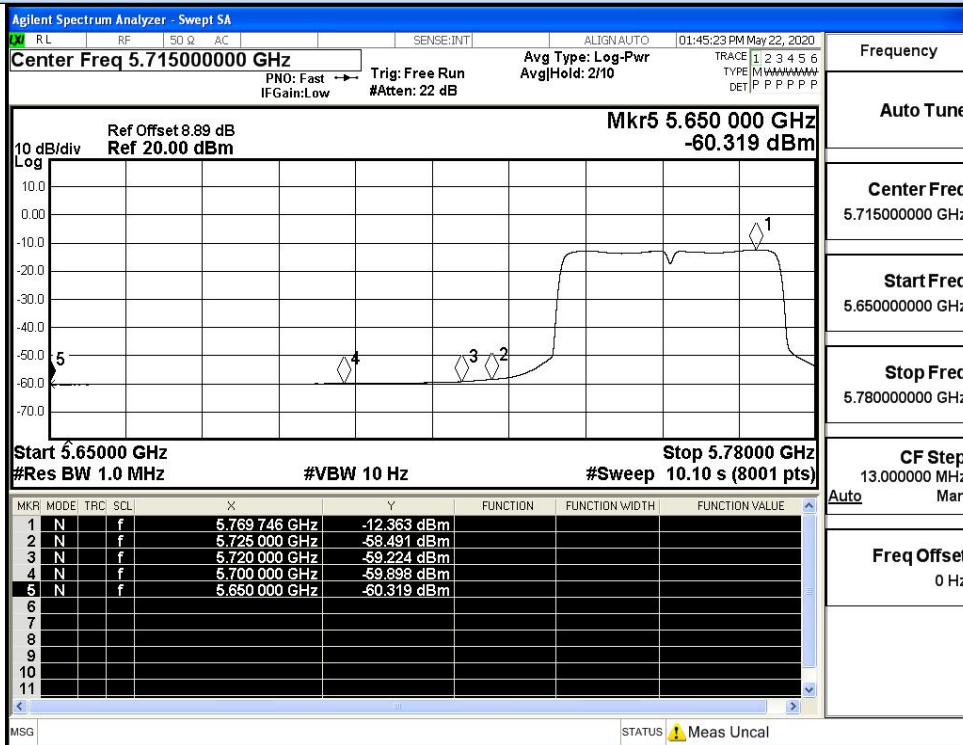
Start Freq
5.650000000 GHz

Stop Freq
5.780000000 GHz

CF Step
13.000000 MHz

Freq Offset
0 Hz

IEEE 802.11ac40 / Channel 151 / 5755MHz / Peak



Frequency

Auto Tune

Center Freq
5.715000000 GHz

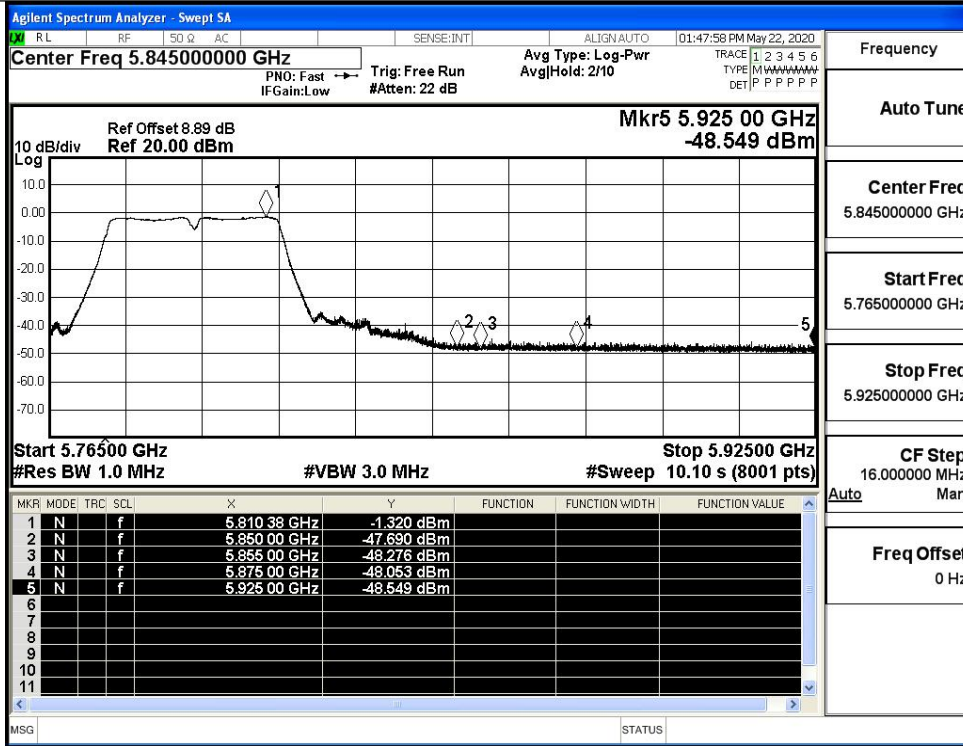
Start Freq
5.650000000 GHz

Stop Freq
5.780000000 GHz

CF Step
13.000000 MHz

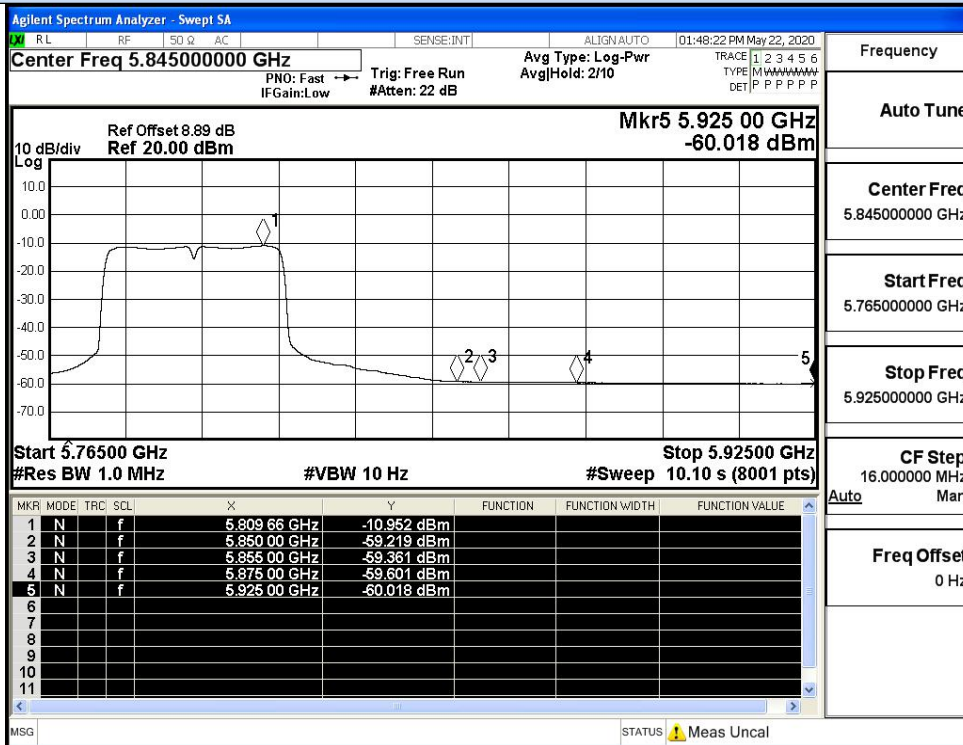
Freq Offset
0 Hz

IEEE 802.11ac40 / Channel 151 / 5755MHz / Average



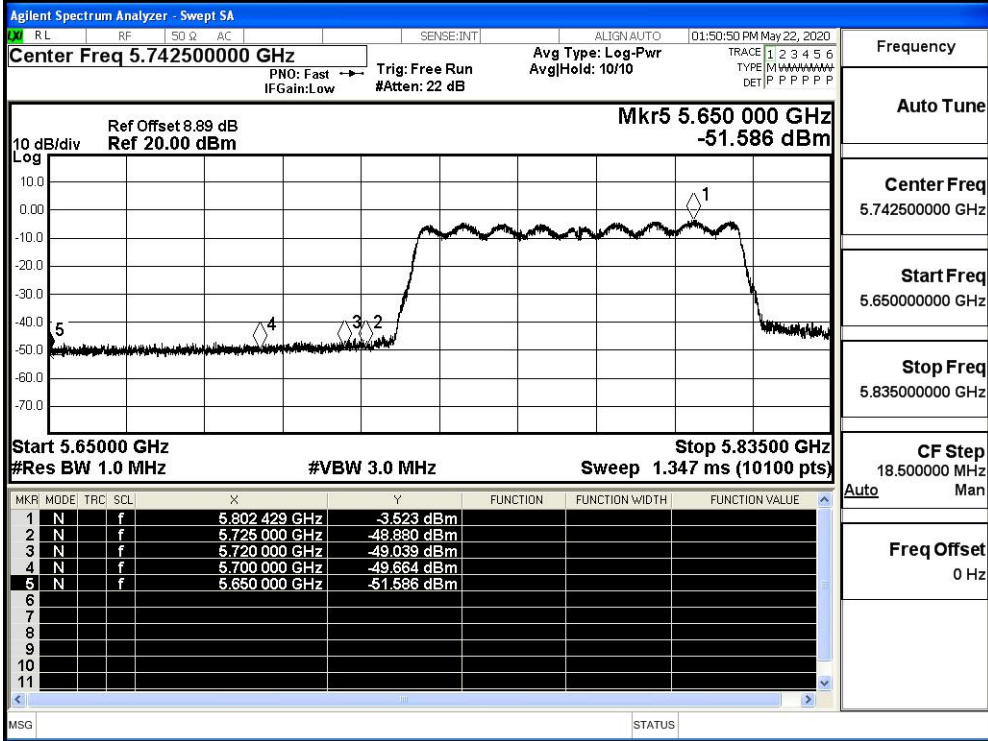
| | |
|-------------|-----------------|
| Frequency | 5.845000000 GHz |
| Auto Tune | |
| Center Freq | 5.845000000 GHz |
| Start Freq | 5.765000000 GHz |
| Stop Freq | 5.925000000 GHz |
| CF Step | 16.000000 MHz |
| Freq Offset | 0 Hz |

IEEE 802.11ac40 / Channel 159 / 5795MHz / Peak

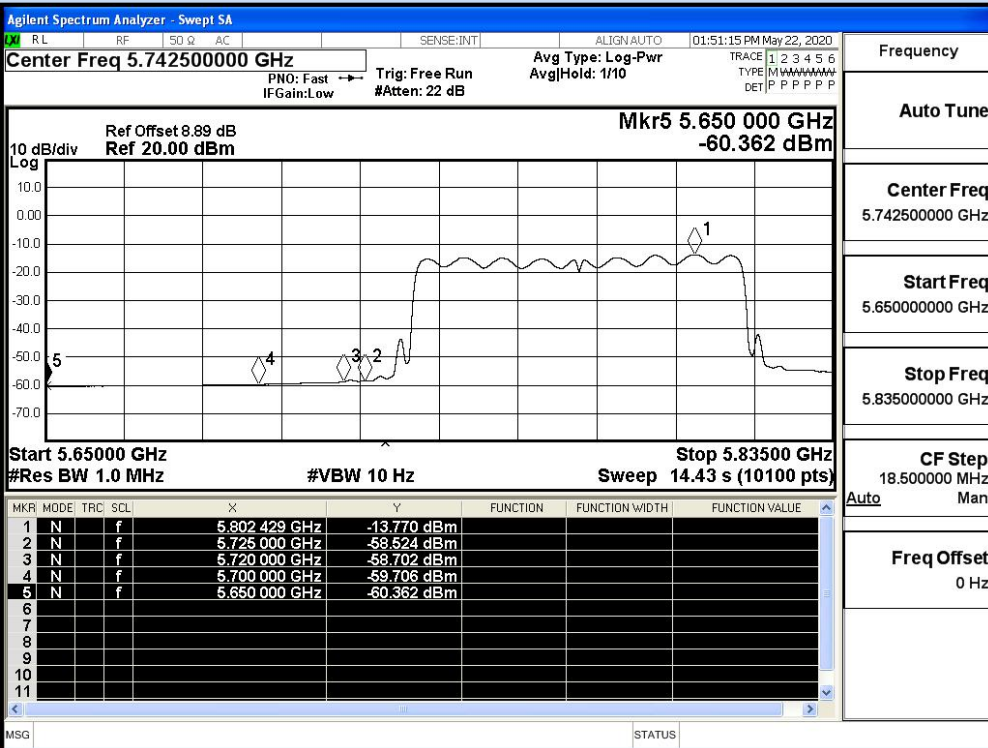


| | |
|-------------|-----------------|
| Frequency | 5.845000000 GHz |
| Auto Tune | |
| Center Freq | 5.845000000 GHz |
| Start Freq | 5.765000000 GHz |
| Stop Freq | 5.925000000 GHz |
| CF Step | 16.000000 MHz |
| Freq Offset | 0 Hz |

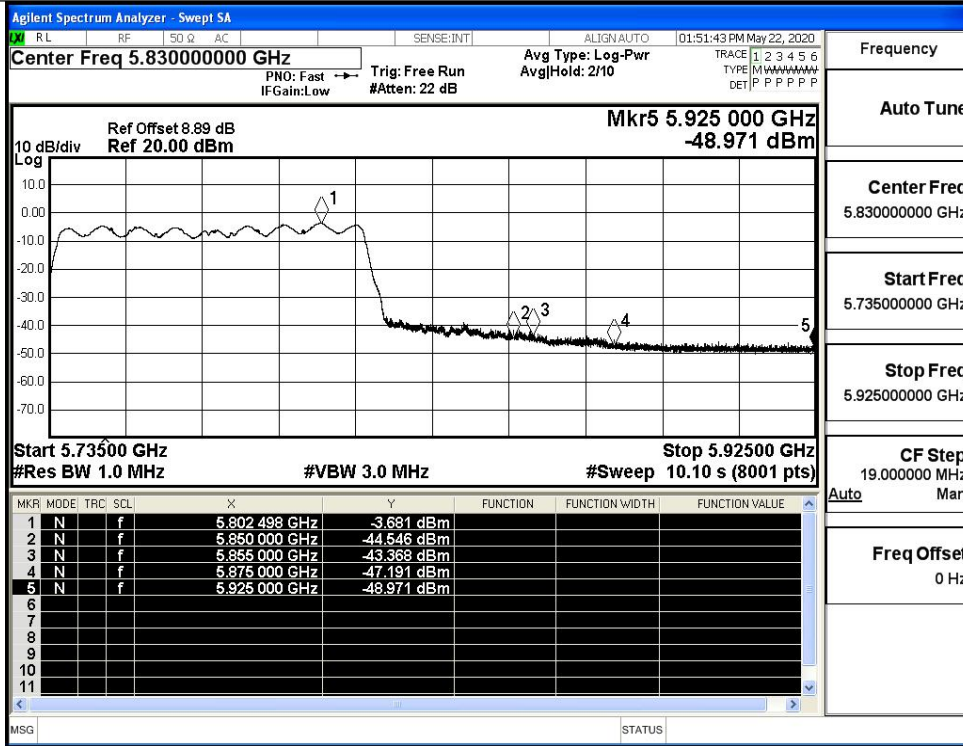
IEEE 802.11ac40 / Channel 159 / 5795MHz / Average



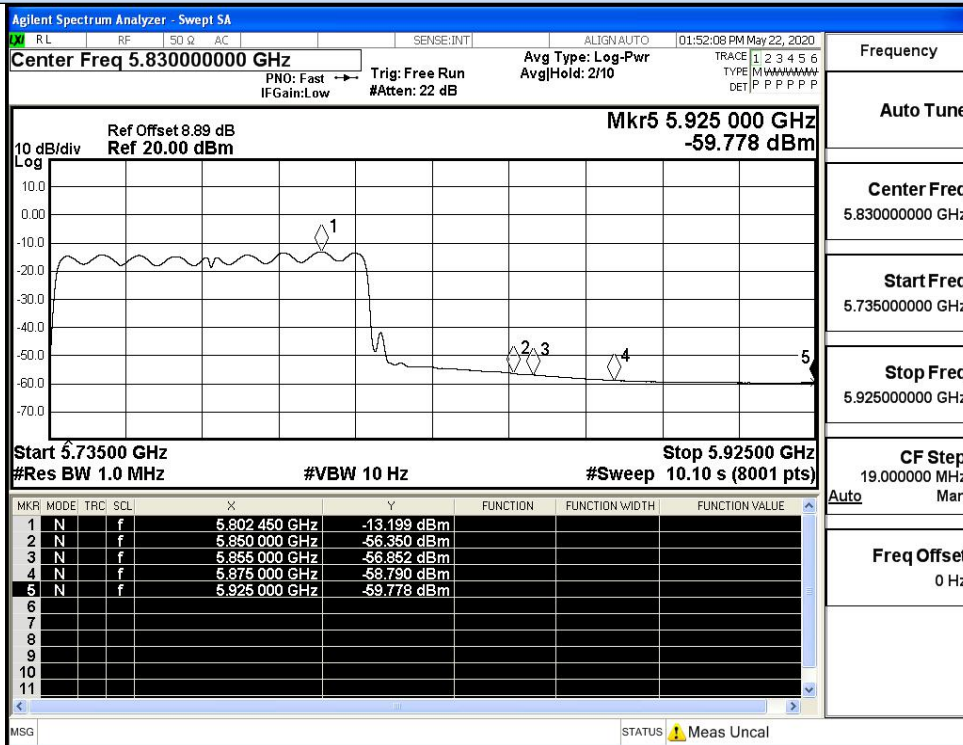
IEEE 802.11ac80 / Channel 155 / 5775MHz / Peak



IEEE 802.11ac80 / Channel 155 / 5775MHz / Average



IEEE 802.11ac80 / Channel 155/ 5775MHz / Peak



IEEE 802.11ac80 / Channel 155 / 5775MHz / Average