

Appendix E

RF Test Data for 5.8G WLAN (Conducted Measurement)

Product Name: Laptop
Trade Mark: Wings Mobile
Test Model: Wings Book

Environmental Conditions

| | |
|--------------------|-----------|
| Temperature: | 24.6° C |
| Relative Humidity: | 54.1% |
| ATM Pressure: | 100.0 kPa |
| Test Engineer: | Jay Li |
| Supervised by: | Tom.Liu |

E.1 Duty Cycle

ANT1

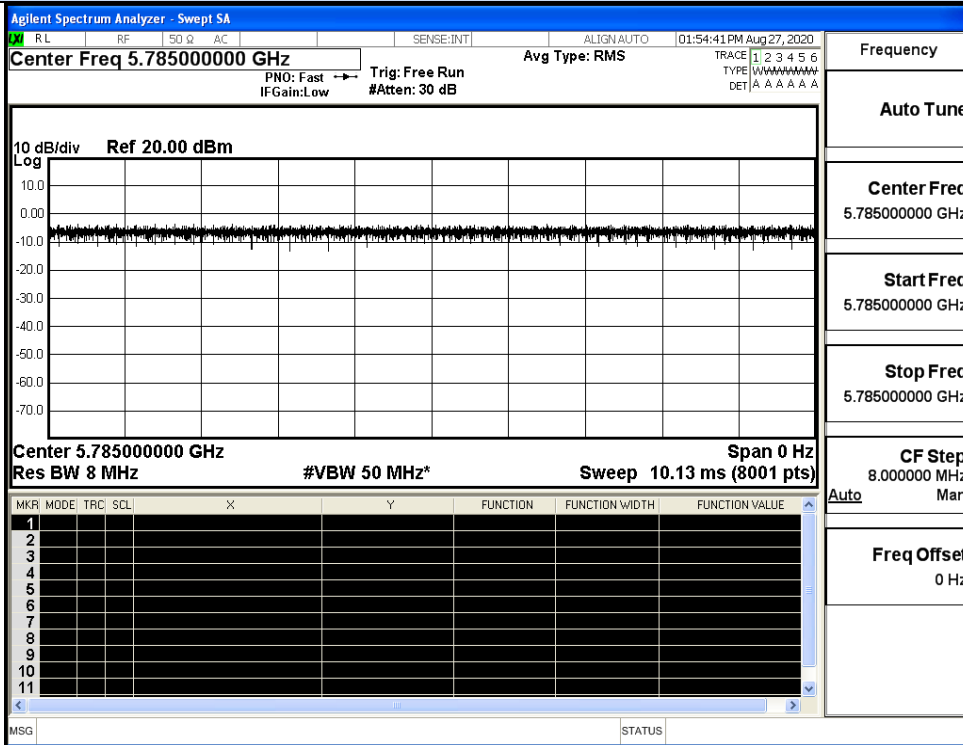
| Test Mode | Test Frequency (MHz) | Duty Cycle (%) | 10log(1/x) Factor (dB) | 1/B Minimum VBW(KHz) |
|-------------|----------------------|----------------|------------------------|----------------------|
| 11A | 5785 | 100 | 0.00 | 0.01 |
| 11N20 SISO | 5785 | 100 | 0.00 | 0.01 |
| 11N40 SISO | 5755 | 100 | 0.00 | 0.01 |
| 11AC20 SISO | 5785 | 100 | 0.00 | 0.01 |
| 11AC40 SISO | 5755 | 100 | 0.00 | 0.01 |
| 11AC80 SISO | 5775 | 100 | 0.00 | 0.01 |

ANT2

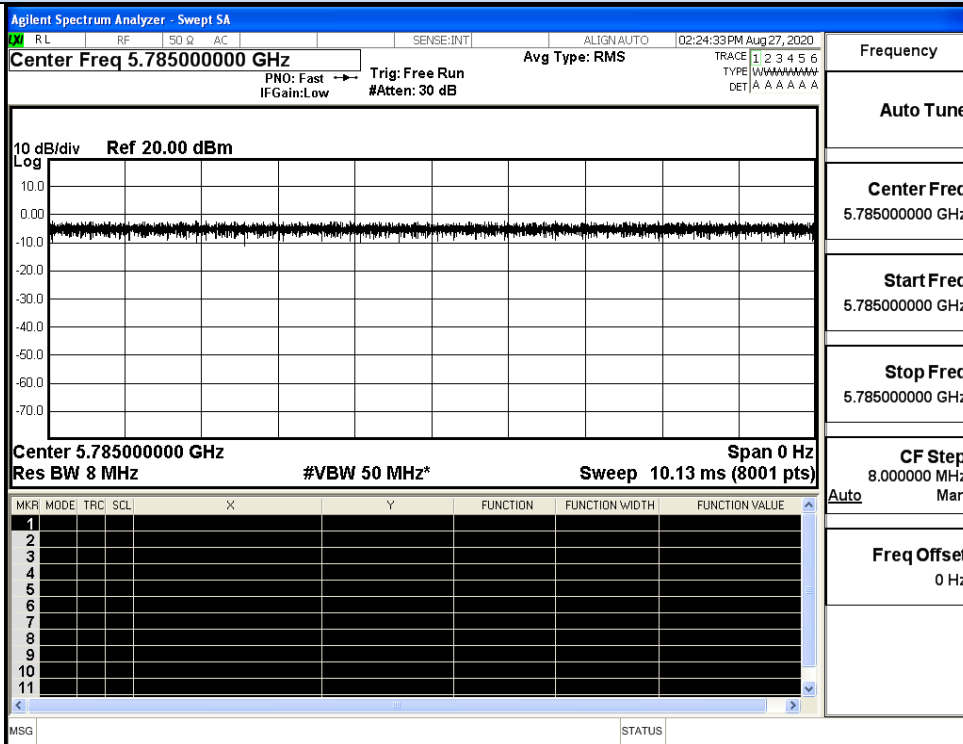
| Test Mode | Test Frequency (MHz) | Duty Cycle (%) | 10log(1/x) Factor (dB) | 1/B Minimum VBW(KHz) |
|-------------|----------------------|----------------|------------------------|----------------------|
| 11A | 5785 | 100 | 0.00 | 0.01 |
| 11N20 SISO | 5785 | 100 | 0.00 | 0.01 |
| 11N40 SISO | 5755 | 100 | 0.00 | 0.01 |
| 11AC20 SISO | 5785 | 100 | 0.00 | 0.01 |
| 11AC40 SISO | 5755 | 100 | 0.00 | 0.01 |
| 11AC80 SISO | 5775 | 100 | 0.00 | 0.01 |

ANT1

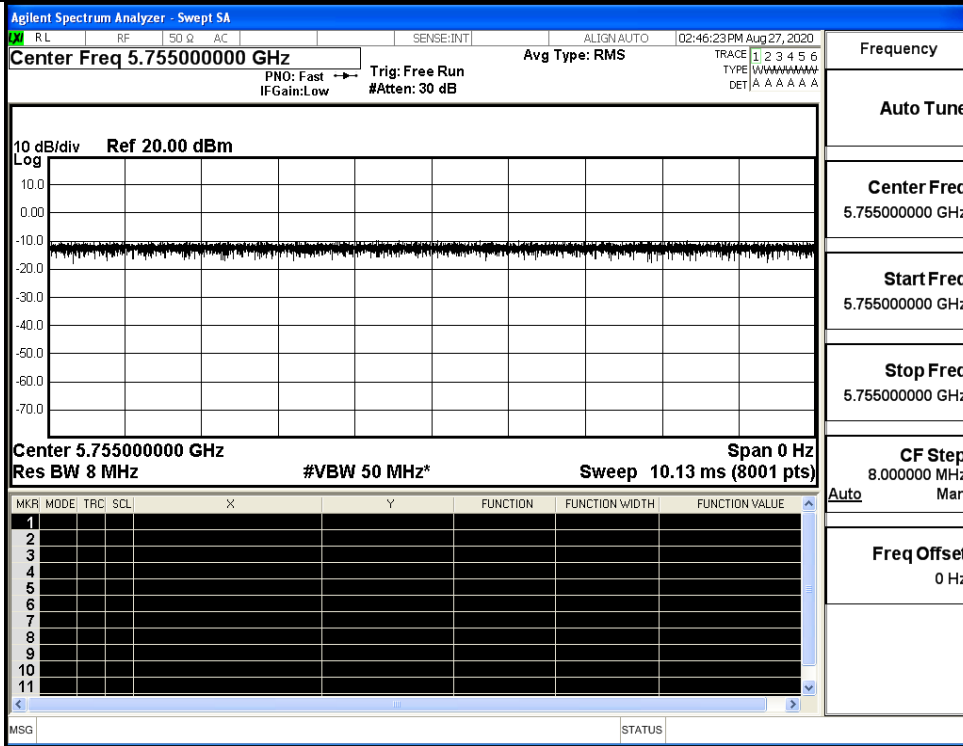
On Time and Duty Cycle



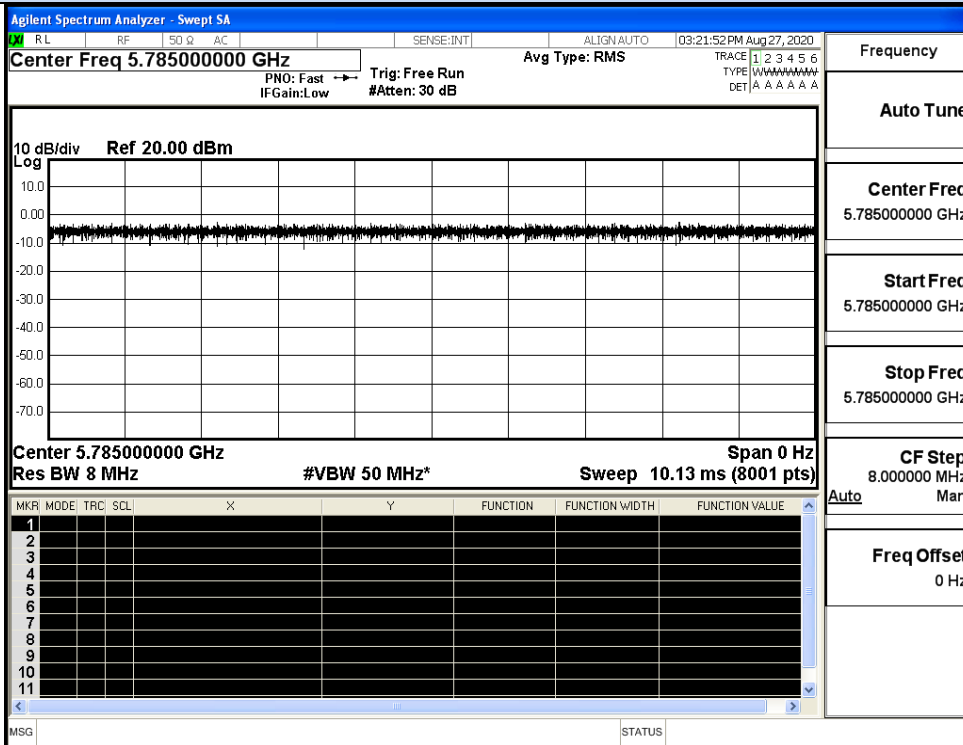
IEEE 802.11a



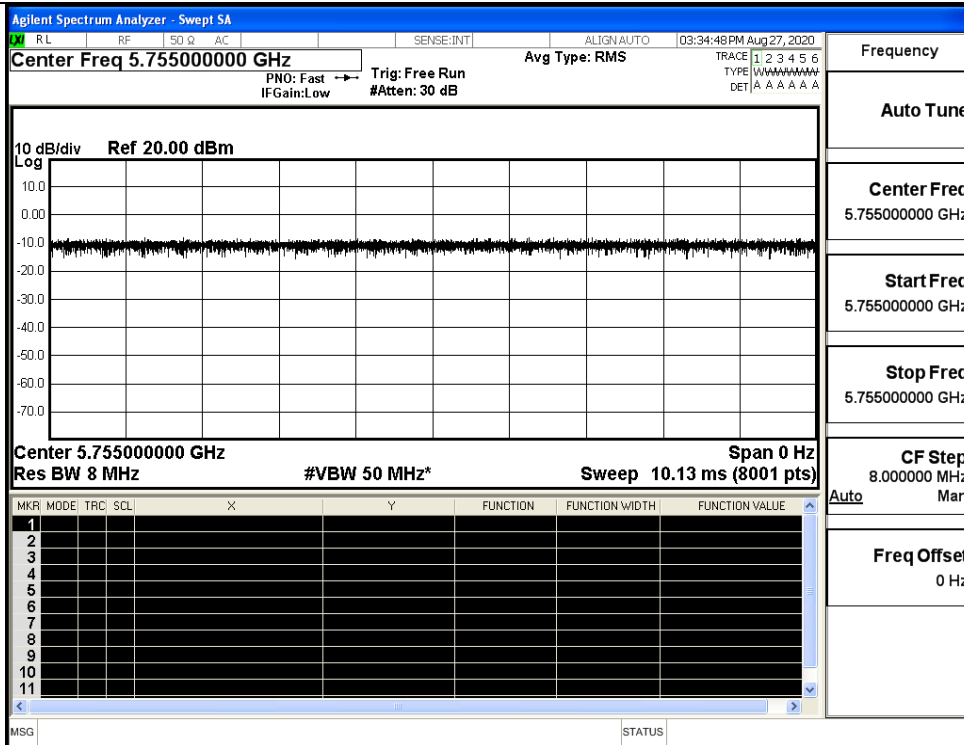
IEEE 802.11n HT20



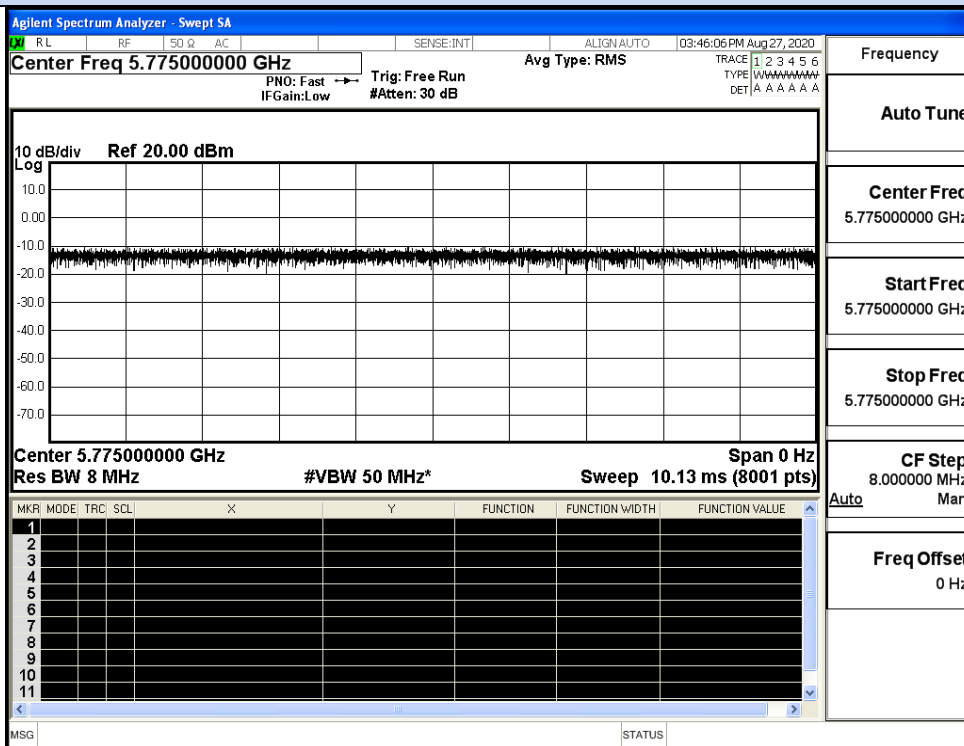
IEEE 802.11n HT40



IEEE 802.11AC20



IEEE 802.11AC40



IEEE 802.11AC80

Notes:the report recorded the worst of ANT1

E.2 Maximum Conduct Output Power

ANT1

| Test Mode | Channel | Frequency (MHz) | AVG Conducted Power (dBm) | Duty Cycle Factor(dB) | Report Conducted Power(dBm) | Limit (dBm) | Verdict |
|-------------|---------|-----------------|---------------------------|-----------------------|-----------------------------|-------------|---------|
| 11A | 149 | 5745 | 3.51 | 0 | 3.51 | 30 | Pass |
| | 157 | 5785 | 3.47 | 0 | 3.47 | | Pass |
| | 165 | 5825 | 3.63 | 0 | 3.63 | | Pass |
| 11N20 SISO | 149 | 5745 | 3.50 | 0 | 3.50 | 30 | Pass |
| | 157 | 5785 | 3.58 | 0 | 3.58 | | Pass |
| | 165 | 5825 | 3.10 | 0 | 3.10 | | Pass |
| 11N40 SISO | 151 | 5755 | 3.77 | 0 | 3.77 | 30 | Pass |
| | 159 | 5795 | 3.65 | 0 | 3.65 | | Pass |
| 11AC20 SISO | 149 | 5745 | 3.96 | 0 | 3.96 | 30 | Pass |
| | 157 | 5785 | 3.79 | 0 | 3.79 | | Pass |
| | 165 | 5825 | 3.02 | 0 | 3.02 | | Pass |
| 11AC40 SISO | 151 | 5755 | 3.03 | 0 | 3.03 | 30 | Pass |
| | 159 | 5795 | 3.91 | 0 | 3.91 | | Pass |
| 11AC80 SISO | 155 | 5775 | 3.08 | 0 | 3.08 | 30 | Pass |

ANT2

| Test Mode | Channel | Frequency (MHz) | AVG Conducted Power (dBm) | Duty Cycle Factor(dB) | Report Conducted Power(dBm) | Limit (dBm) | Verdict |
|-------------|---------|-----------------|---------------------------|-----------------------|-----------------------------|-------------|---------|
| 11A | 149 | 5745 | 3.63 | 0 | 3.51 | 30 | Pass |
| | 157 | 5785 | 3.52 | 0 | 3.47 | | Pass |
| | 165 | 5825 | 3.76 | 0 | 3.63 | | Pass |
| 11N20 SISO | 149 | 5745 | 3.63 | 0 | 3.50 | 30 | Pass |
| | 157 | 5785 | 3.52 | 0 | 3.58 | | Pass |
| | 165 | 5825 | 3.54 | 0 | 3.10 | | Pass |
| 11N40 SISO | 151 | 5755 | 3.54 | 0 | 3.77 | 30 | Pass |
| | 159 | 5795 | 3.45 | 0 | 3.65 | | Pass |
| 11AC20 SISO | 149 | 5745 | 3.65 | 0 | 3.96 | 30 | Pass |
| | 157 | 5785 | 3.45 | 0 | 3.79 | | Pass |
| | 165 | 5825 | 3.23 | 0 | 3.02 | | Pass |
| 11AC40 SISO | 151 | 5755 | 3.53 | 0 | 3.03 | 30 | Pass |
| | 159 | 5795 | 3.54 | 0 | 3.91 | | Pass |
| 11AC80 SISO | 155 | 5775 | 3.63 | 0 | 3.08 | 30 | Pass |

ANT1+ANT2:

| Test Mode | Channel | Frequency (MHz) | Duty Cycle Factor (dB) | Report Power Density (dBm/500KHz) | | | Limit (dBm) | Verdict |
|-------------|---------|-----------------|------------------------|-----------------------------------|------|------|-------------|---------|
| | | | | Ant0 | Ant1 | Sum | | |
| 11N20 MIMO | 149 | 5745 | 0 | 3.50 | 3.63 | 6.58 | 30 | Pass |
| | 157 | 5785 | 0 | 3.58 | 3.52 | 6.56 | | Pass |
| | 165 | 5825 | 0 | 3.10 | 3.54 | 6.34 | | Pass |
| 11N40 MIMO | 151 | 5755 | 0 | 3.77 | 3.54 | 6.67 | 30 | Pass |
| | 159 | 5795 | 0 | 3.65 | 3.45 | 6.56 | | Pass |
| 11AC20 MIMO | 149 | 5745 | 0 | 3.96 | 3.65 | 6.82 | 30 | Pass |
| | 157 | 5785 | 0 | 3.79 | 3.45 | 6.63 | | Pass |
| | 165 | 5825 | 0 | 3.02 | 3.23 | 6.14 | | Pass |
| 11AC40 MIMO | 151 | 5755 | 0 | 3.03 | 3.53 | 6.30 | 30 | Pass |
| | 159 | 5795 | 0 | 3.91 | 3.54 | 6.74 | | Pass |
| 11AC80 MIMO | 155 | 5775 | 0 | 3.08 | 3.63 | 6.37 | 30 | Pass |

E.3 Power Spectral Density

ANT1

| Test Mode | Channel | Frequency (MHz) | Power Density (dBm/300KHz) | Duty Cycle Factor (dB) | RBW Factor (dB) | Report Power Density (dBm/500KHz) | Limit (dBm/500KHz) | Verdict |
|-------------|---------|-----------------|----------------------------|------------------------|-----------------|-----------------------------------|--------------------|---------|
| 11A | 149 | 5745 | -6.99 | 0 | 2.218 | -4.77 | 30 | Pass |
| | 157 | 5785 | -5.81 | 0 | 2.218 | -3.59 | | Pass |
| | 165 | 5825 | -6.62 | 0 | 2.218 | -4.41 | | Pass |
| 11N20 SISO | 149 | 5745 | -6.41 | 0 | 2.218 | -4.19 | 30 | Pass |
| | 157 | 5785 | -6.69 | 0 | 2.218 | -4.47 | | Pass |
| | 165 | 5825 | -7.10 | 0 | 2.218 | -4.88 | | Pass |
| 11N40 SISO | 151 | 5755 | -9.72 | 0 | 2.218 | -7.51 | 30 | Pass |
| | 159 | 5795 | -8.84 | 0 | 2.218 | -6.63 | | Pass |
| 11AC20 SISO | 149 | 5745 | -5.99 | 0 | 2.218 | -3.77 | 30 | Pass |
| | 157 | 5785 | -5.73 | 0 | 2.218 | -3.52 | | Pass |
| | 165 | 5825 | -5.70 | 0 | 2.218 | -3.48 | | Pass |
| 11AC40 SISO | 151 | 5755 | -8.87 | 0 | 2.218 | -6.65 | 30 | Pass |
| | 159 | 5795 | -8.96 | 0 | 2.218 | -6.74 | | Pass |
| 11AC80 SISO | 155 | 5775 | -11.55 | 0 | 2.218 | -9.33 | 30 | Pass |

ANT2

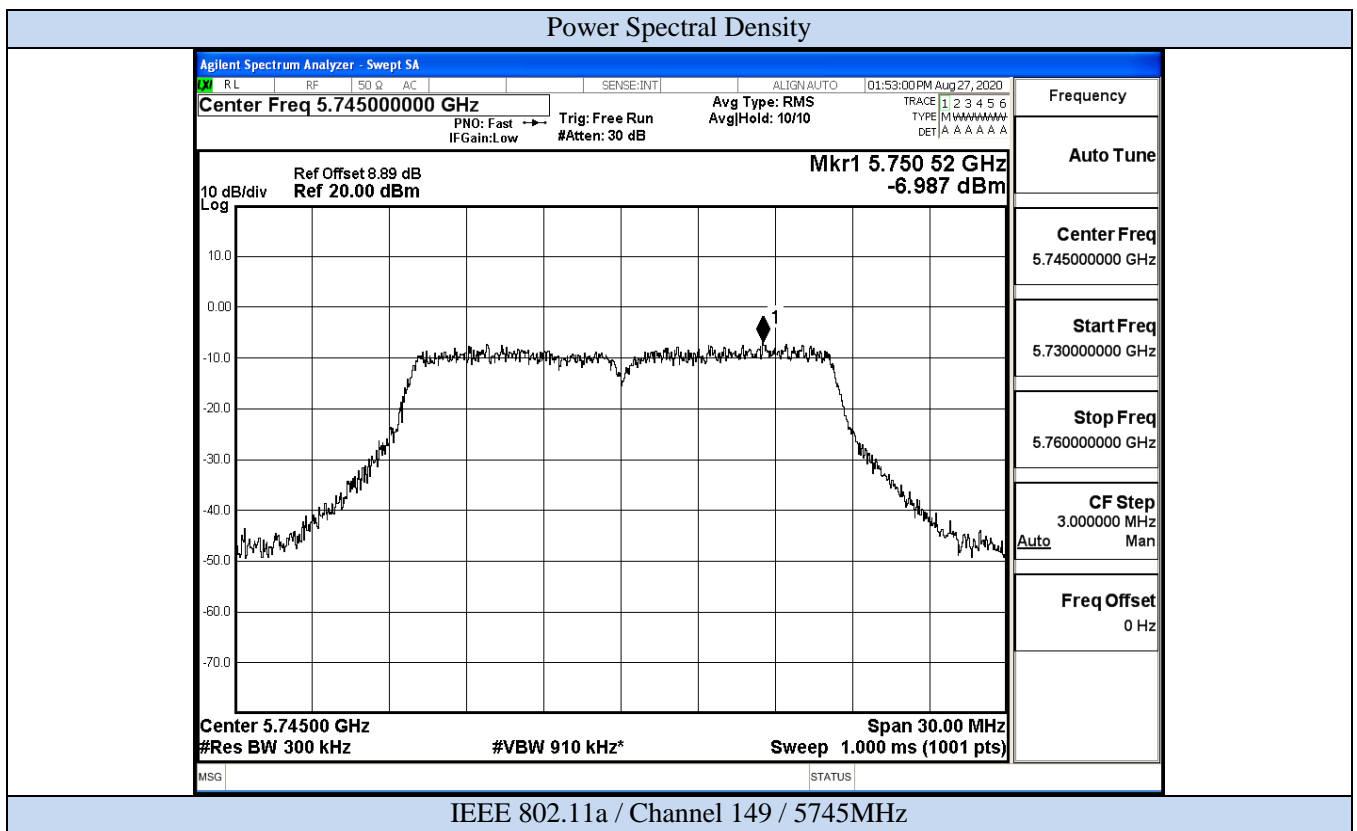
| Test Mode | Channel | Frequency (MHz) | Power Density (dBm/300KHz) | Duty Cycle Factor (dB) | RBW Factor (dB) | Report Power Density (dBm/500KHz) | Limit (dBm/500KHz) | Verdict |
|-------------|---------|-----------------|----------------------------|------------------------|-----------------|-----------------------------------|--------------------|---------|
| 11A | 149 | 5745 | -4.82 | 0 | 2.218 | -4.72 | 30 | Pass |
| | 157 | 5785 | -5.09 | 0 | 2.218 | -4.99 | | Pass |
| | 165 | 5825 | -5.45 | 0 | 2.218 | -5.35 | | Pass |
| 11N20 SISO | 149 | 5745 | -5.84 | 0 | 2.218 | -3.58 | 30 | Pass |
| | 157 | 5785 | -7.02 | 0 | 2.218 | -4.75 | | Pass |
| | 165 | 5825 | -6.77 | 0 | 2.218 | -4.50 | | Pass |
| 11N40 SISO | 151 | 5755 | -9.57 | 0 | 2.218 | -7.30 | 30 | Pass |
| | 159 | 5795 | -9.72 | 0 | 2.218 | -7.45 | | Pass |
| 11AC20 SISO | 149 | 5745 | -7.02 | 0 | 2.218 | -4.76 | 30 | Pass |
| | 157 | 5785 | -7.18 | 0 | 2.218 | -4.91 | | Pass |
| | 165 | 5825 | -6.82 | 0 | 2.218 | -4.56 | | Pass |
| 11AC40 SISO | 151 | 5755 | -10.04 | 0 | 2.218 | -7.77 | 30 | Pass |
| | 159 | 5795 | -10.01 | 0 | 2.218 | -7.74 | | Pass |
| 11AC80 SISO | 155 | 5775 | -12.45 | 0 | 2.218 | -10.18 | 30 | Pass |

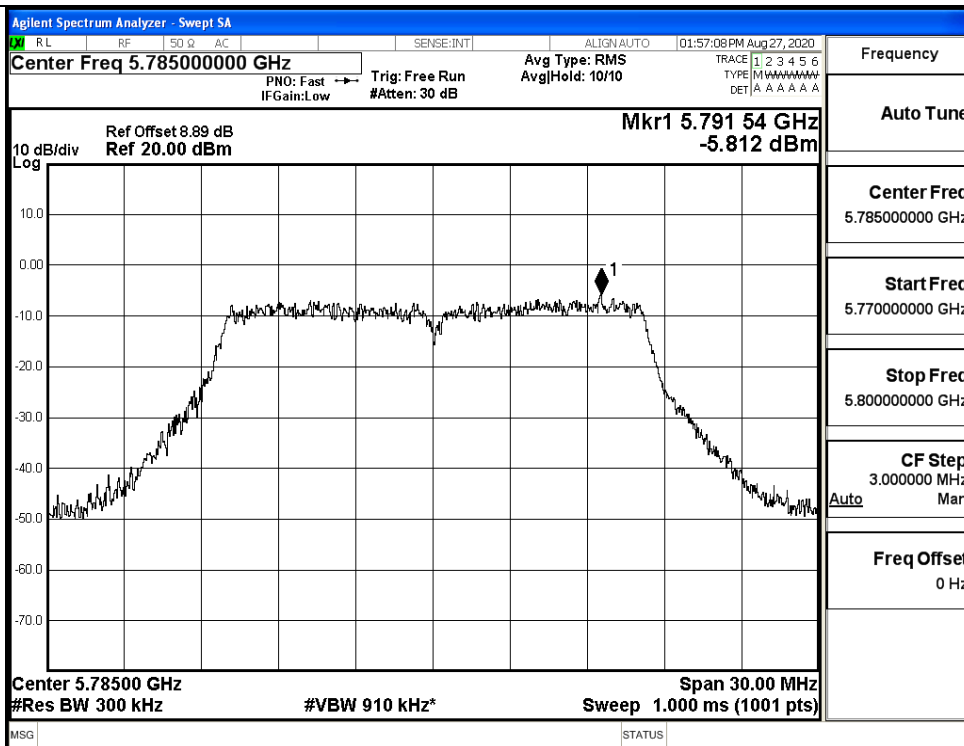
Note: $10\log(500\text{KHz}/300\text{KHz}) = 2.218\text{dB}$

ANT1+ANT2:

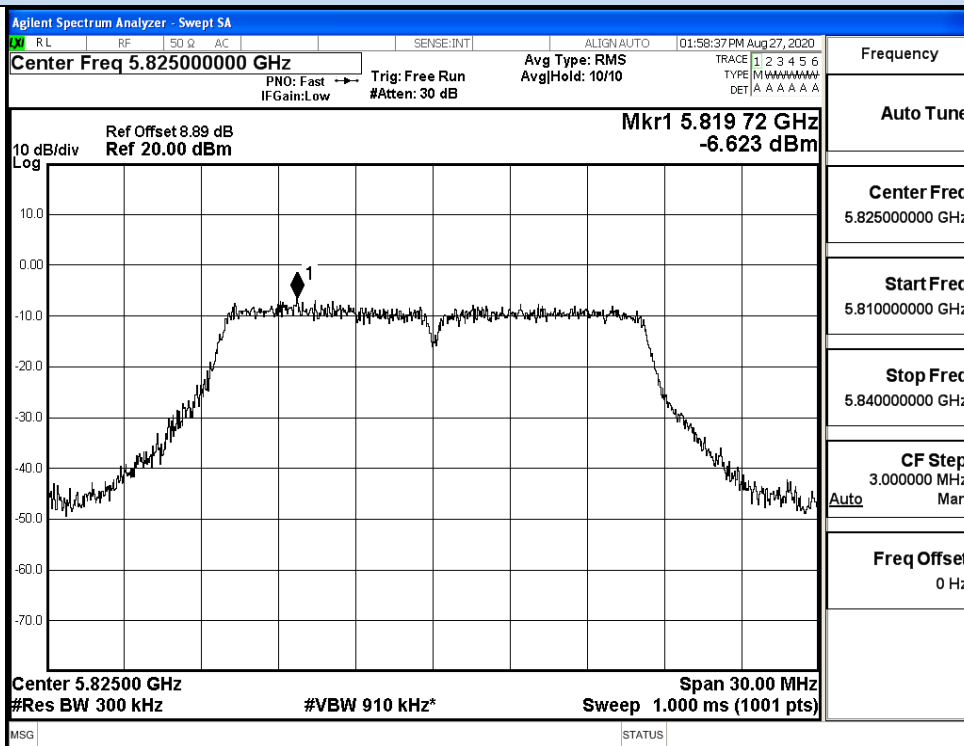
| Test Mode | Channel | Frequency (MHz) | Duty Cycle Factor (dB) | Report Power Density (dBm/500KHz) | | | Limit (dBm) | Verdict |
|-------------|---------|-----------------|------------------------|-----------------------------------|--------|-------|-------------|---------|
| | | | | Ant0 | Ant1 | Sum | | |
| 11N20 MIMO | 149 | 5745 | 0 | -4.19 | -3.58 | -0.86 | 26.99 | Pass |
| | 157 | 5785 | 0 | -4.47 | -4.75 | -1.60 | | Pass |
| | 165 | 5825 | 0 | -4.88 | -4.50 | -1.68 | | Pass |
| 11N40 MIMO | 151 | 5755 | 0 | -7.51 | -7.30 | -4.39 | 26.99 | Pass |
| | 159 | 5795 | 0 | -6.63 | -7.45 | -4.01 | | Pass |
| 11AC20 MIMO | 149 | 5745 | 0 | -3.77 | -4.76 | -1.23 | 26.99 | Pass |
| | 157 | 5785 | 0 | -3.52 | -4.91 | -1.15 | | Pass |
| | 165 | 5825 | 0 | -3.48 | -4.56 | -0.98 | | Pass |
| 11AC40 MIMO | 151 | 5755 | 0 | -6.65 | -7.77 | -4.16 | 26.99 | Pass |
| | 159 | 5795 | 0 | -6.74 | -7.74 | -4.20 | | Pass |
| 11AC80 MIMO | 155 | 5775 | 0 | -9.33 | -10.18 | -6.72 | 26.99 | Pass |

ANT1



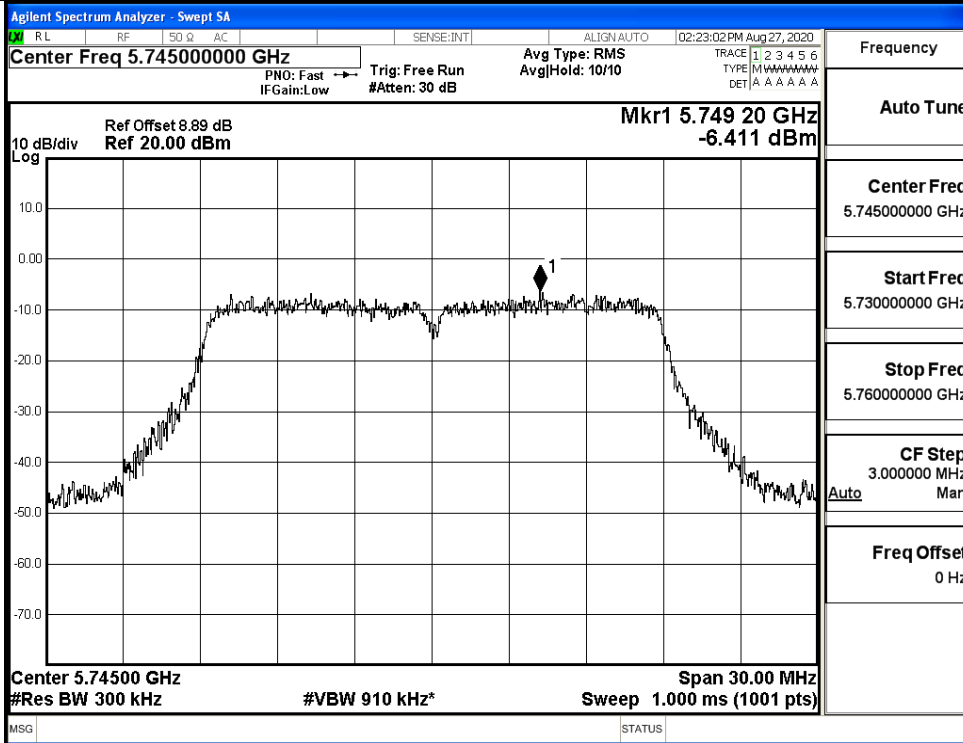


IEEE 802.11na / Channel 157 / 5785MHz

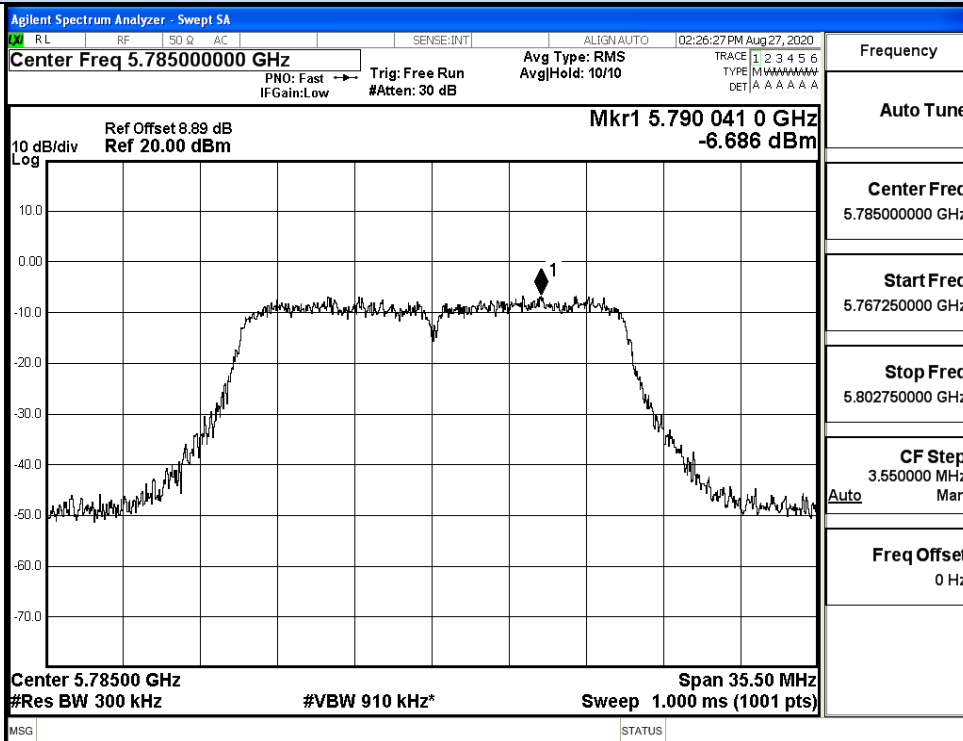


IEEE 802.11na / Channel 165 / 5825MHz

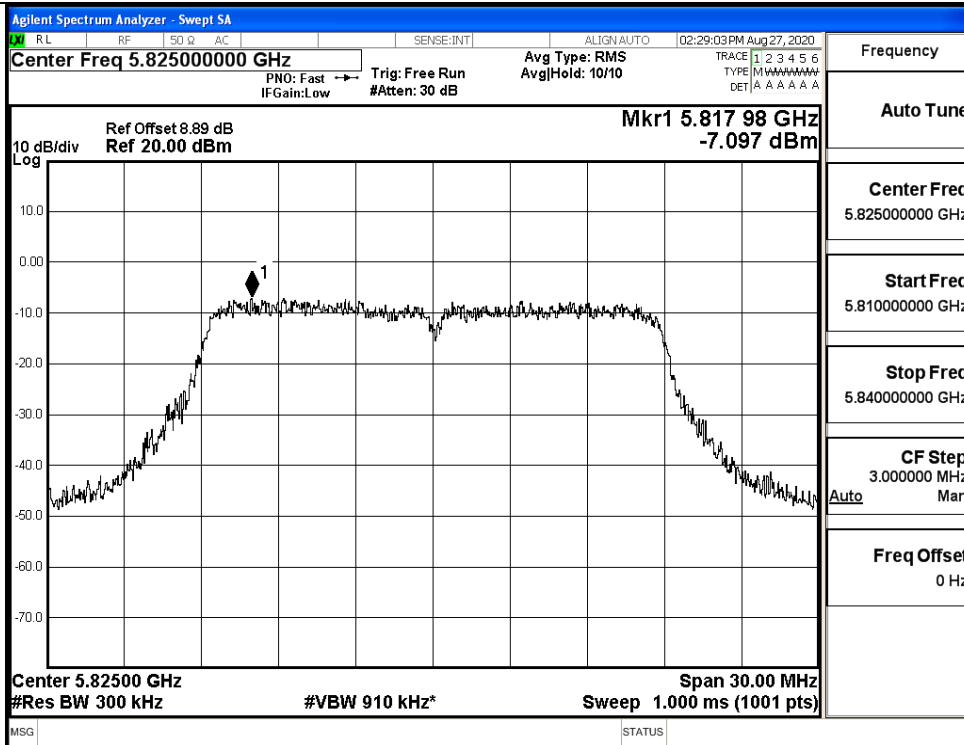
Power Spectral Density



IEEE 802.11n20 / Channel 149 / 5745MHz

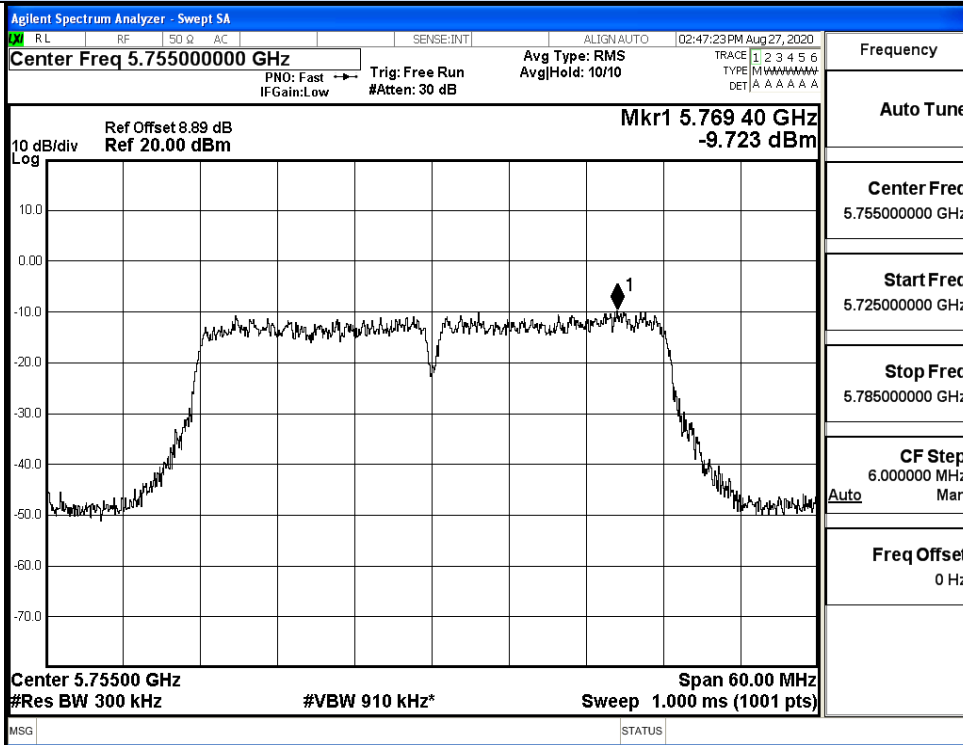


IEEE 802.11n20 / Channel 157 / 5785MHz

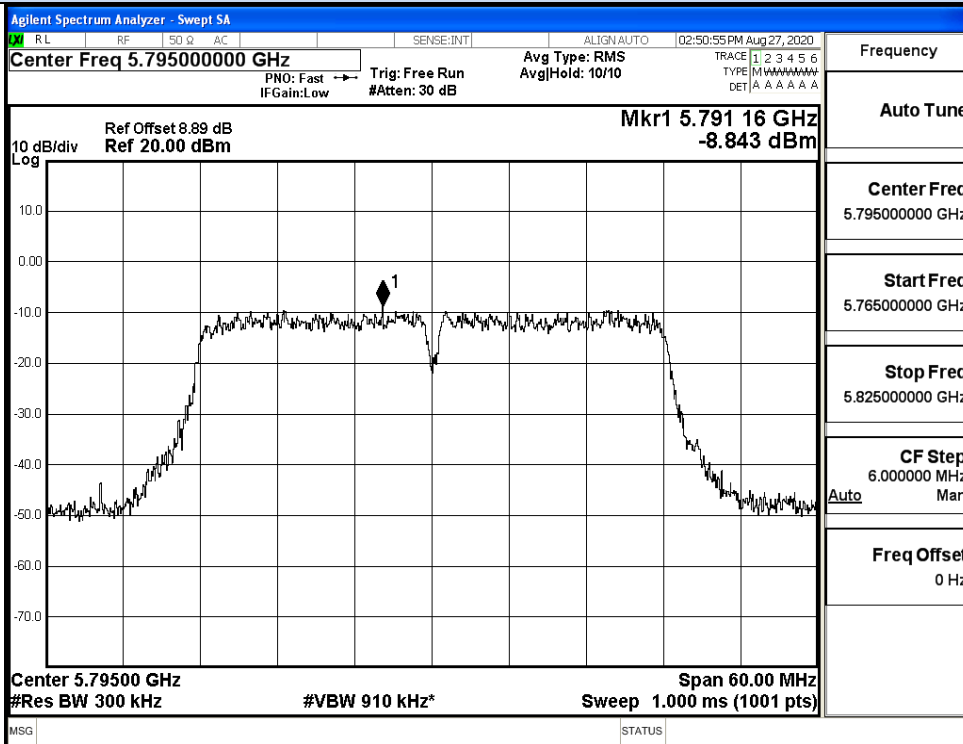


IEEE 802.11n20 / Channel 165 / 5825MHz

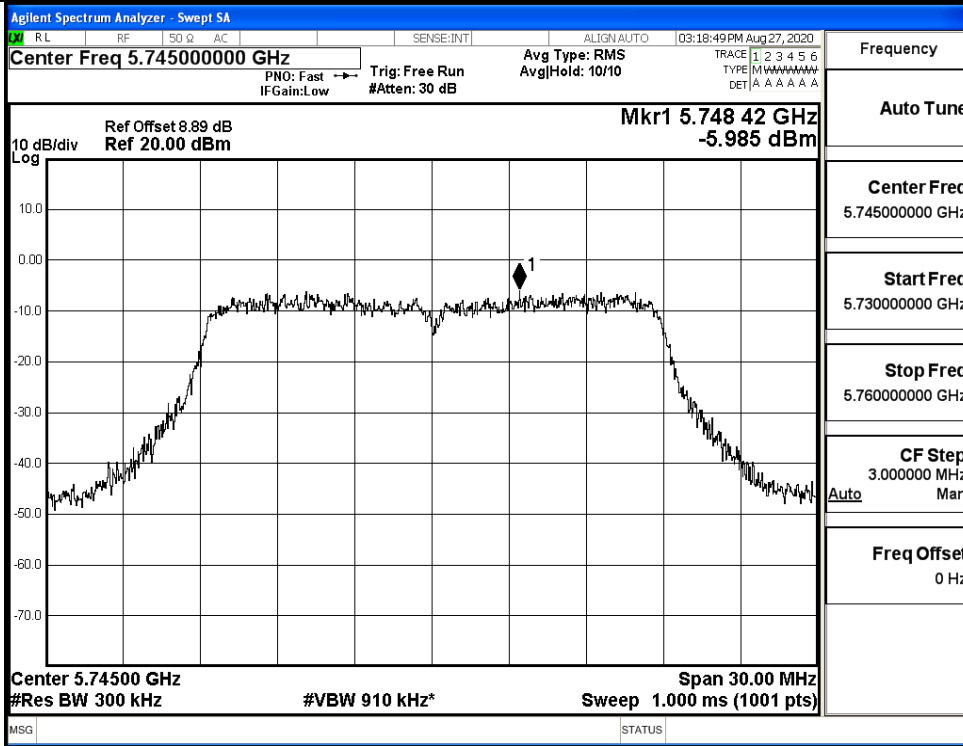
Power Spectral Density



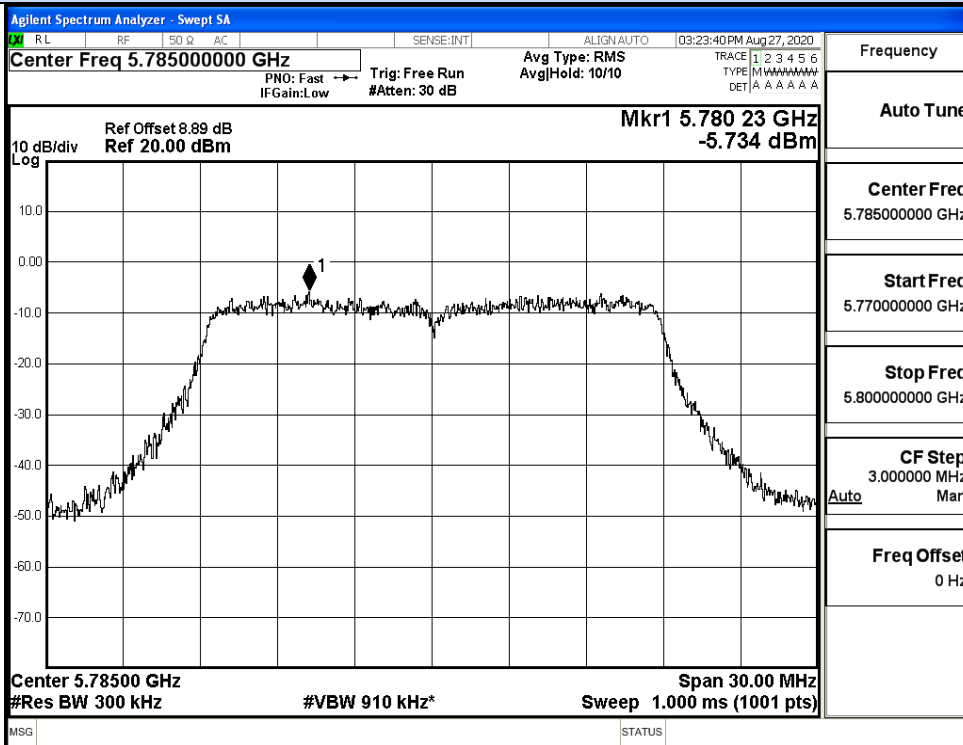
IEEE 802.11n40 / Channel 151 / 5755MHz



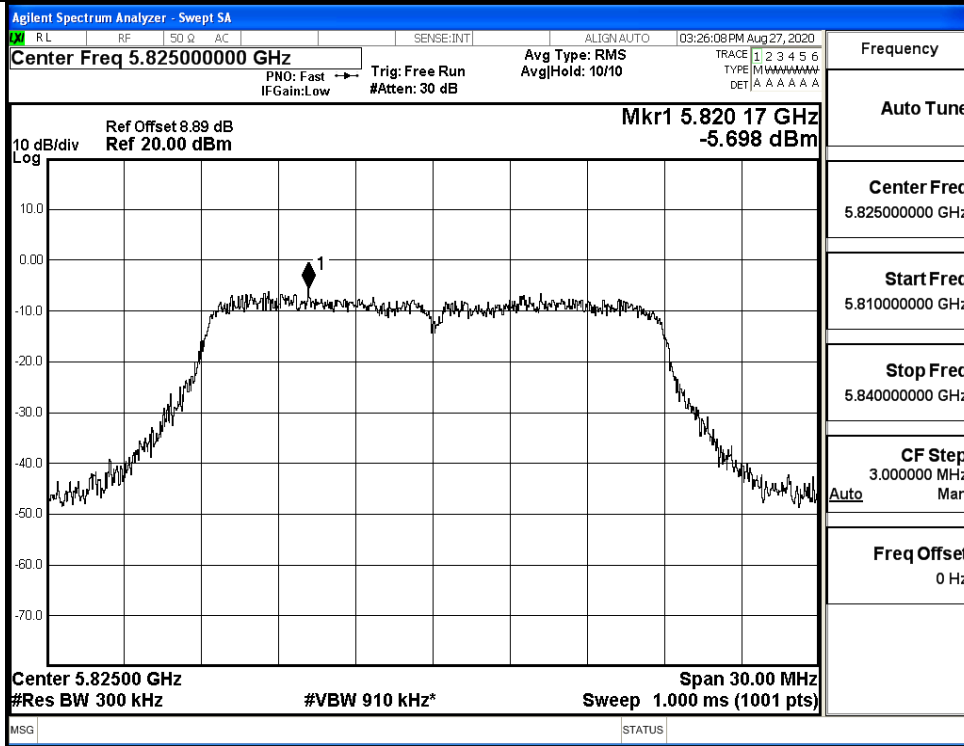
IEEE 802.11n40 / Channel 159 / 5795MHz



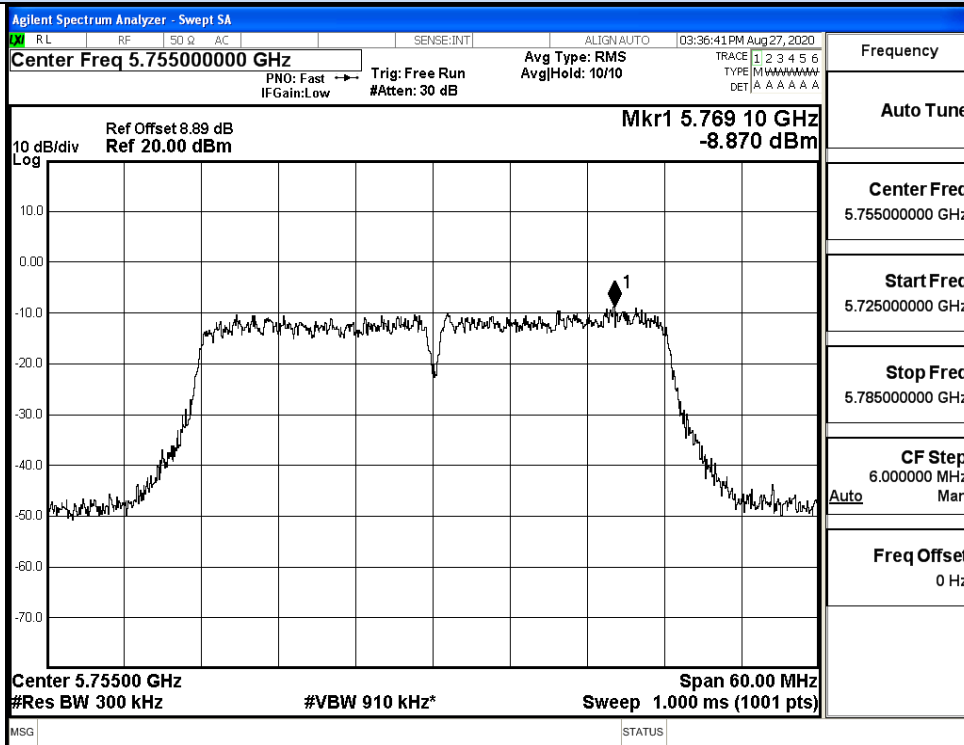
IEEE 802.11ac20 / Channel 149 / 5745MHz



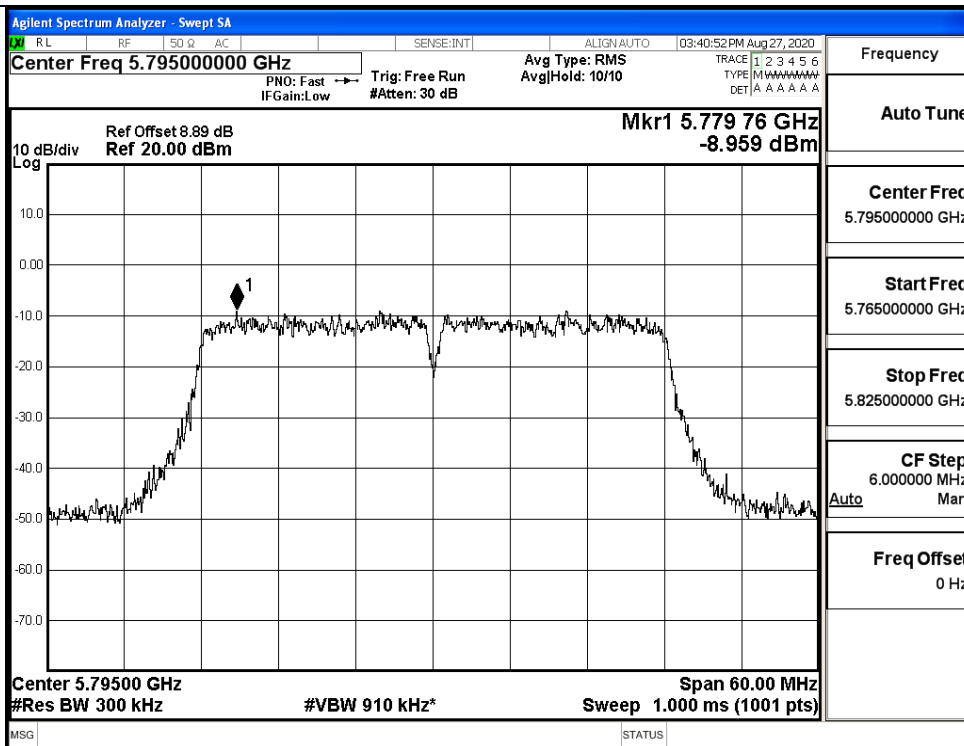
IEEE 802.11ac20 / Channel 157 / 5785MHz



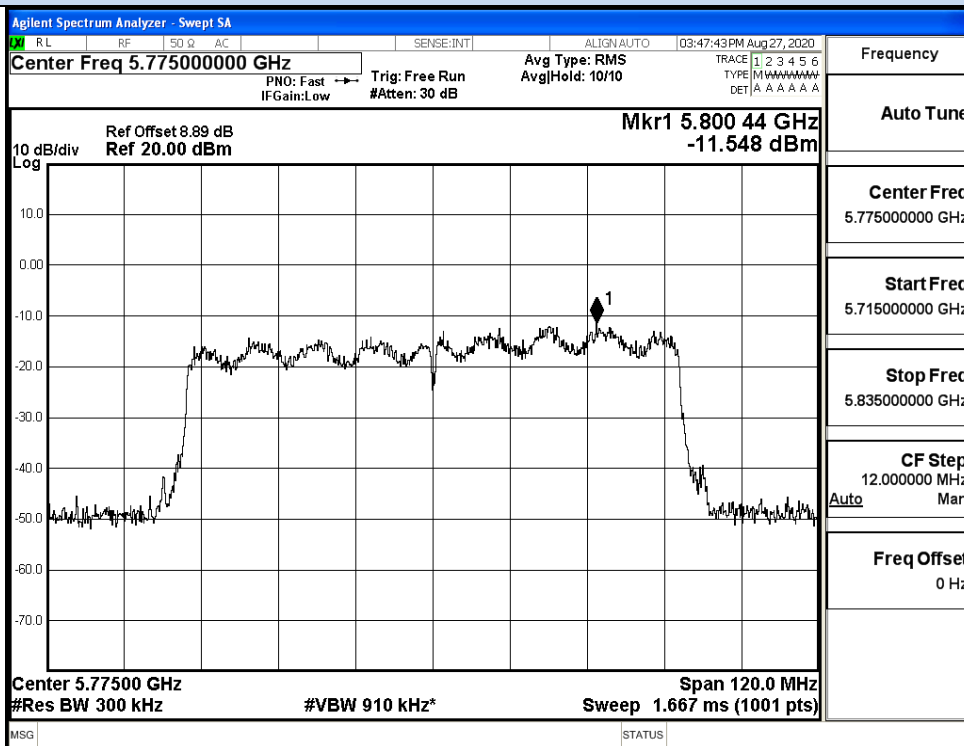
IEEE 802.11ac20 / Channel 165 / 5825MHz



IEEE 802.11ac40 / Channel 151 / 5755MHz

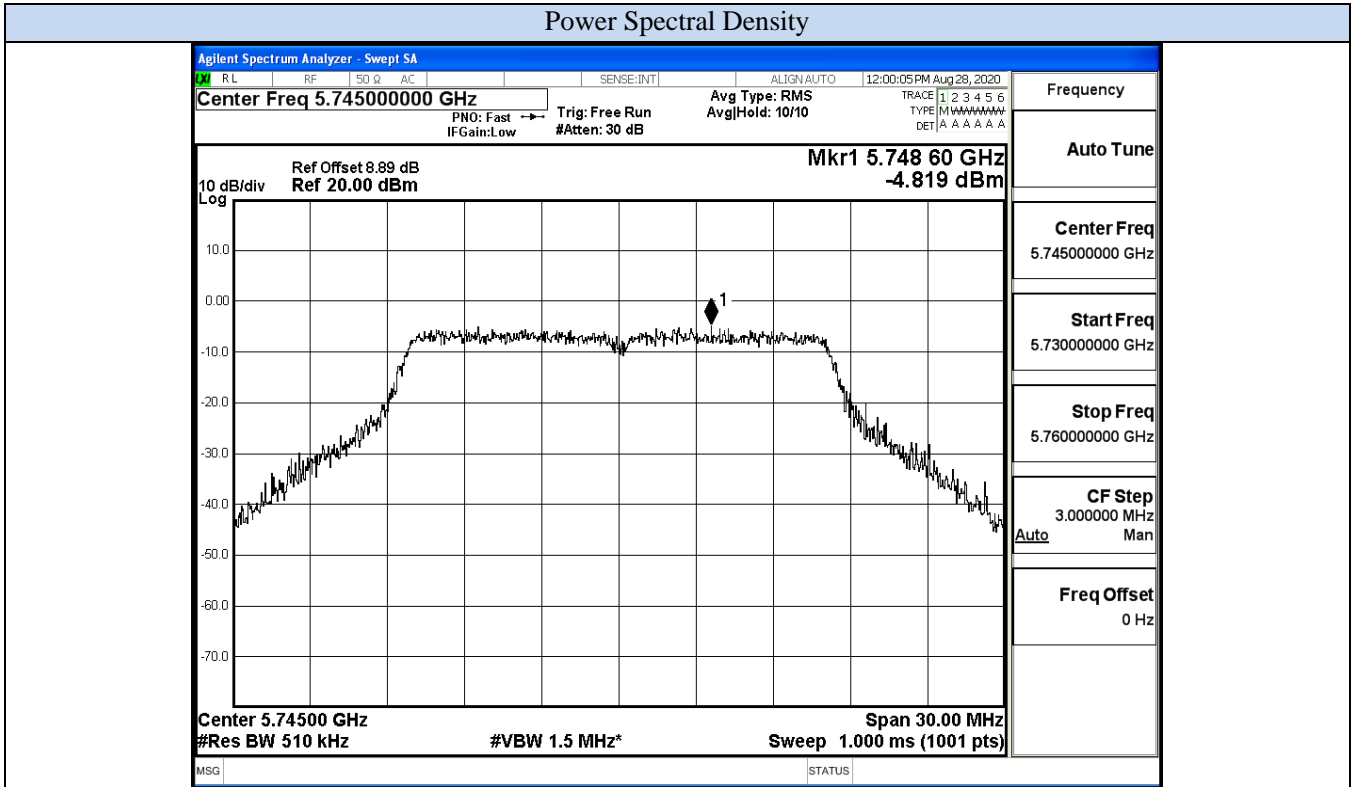


IEEE 802.11ac40 / Channel 159 / 5795MHz

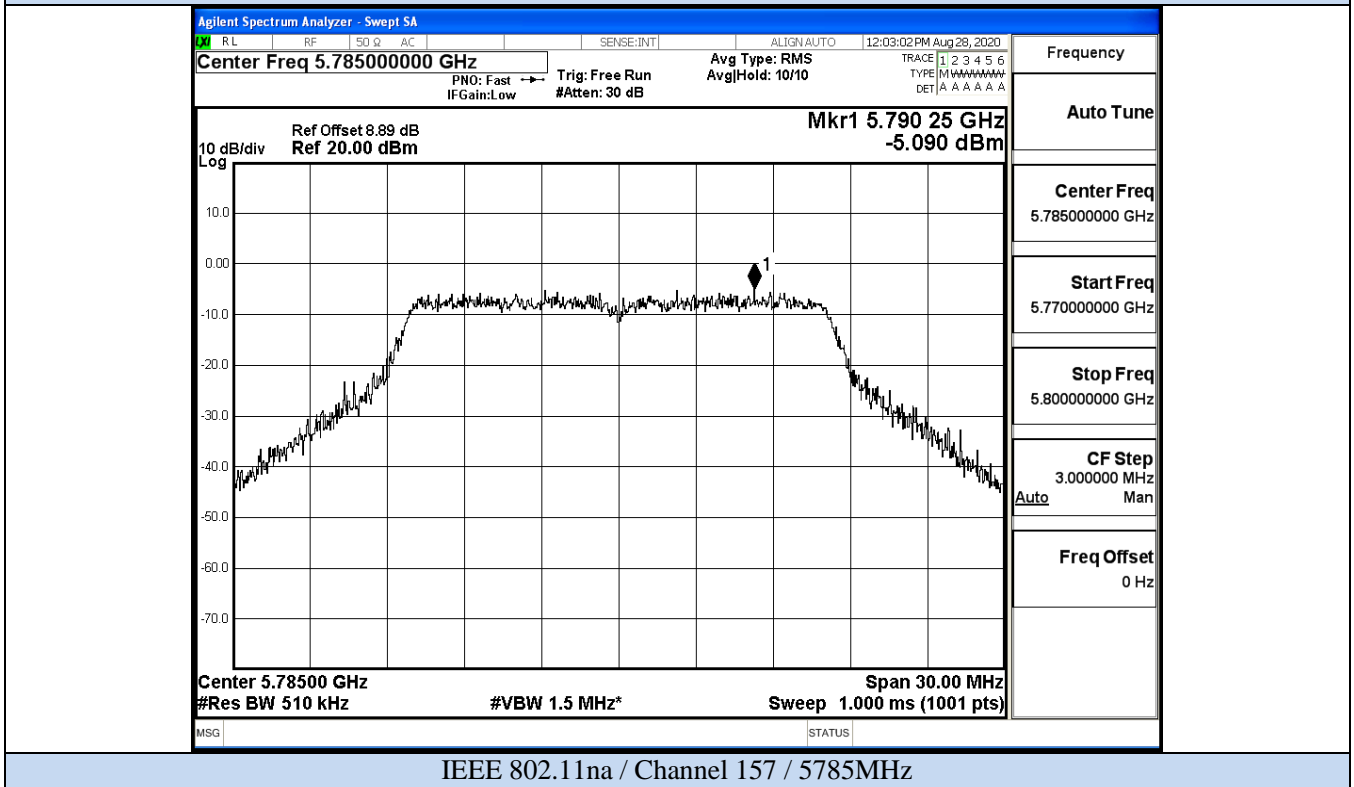


IEEE 802.11ac80 / Channel 155/ 5775MHz

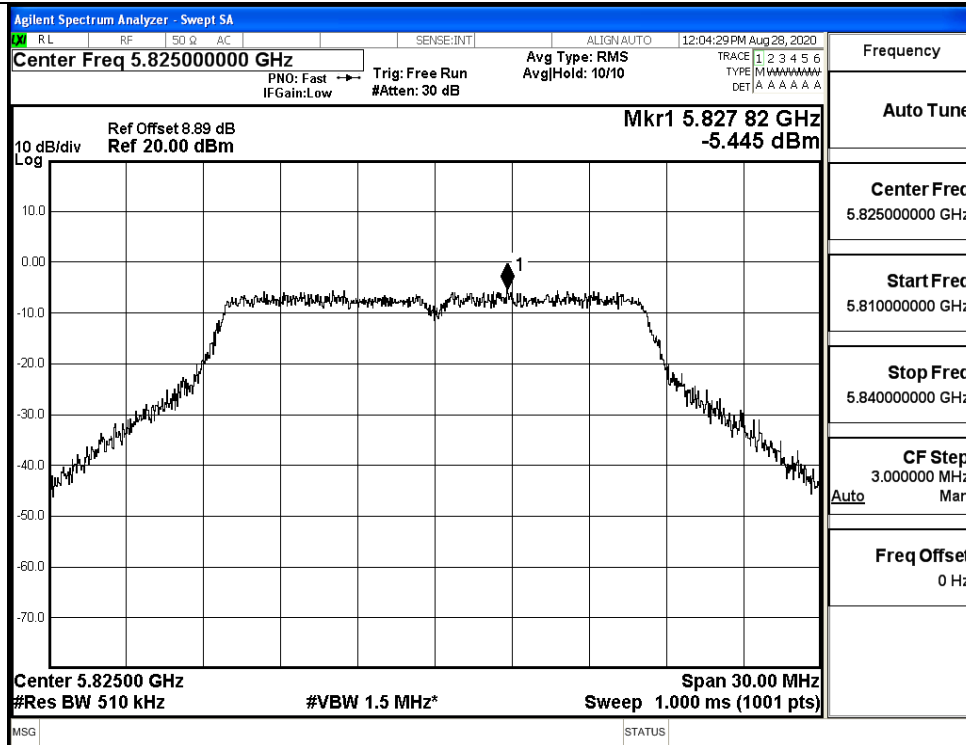
ANT 2



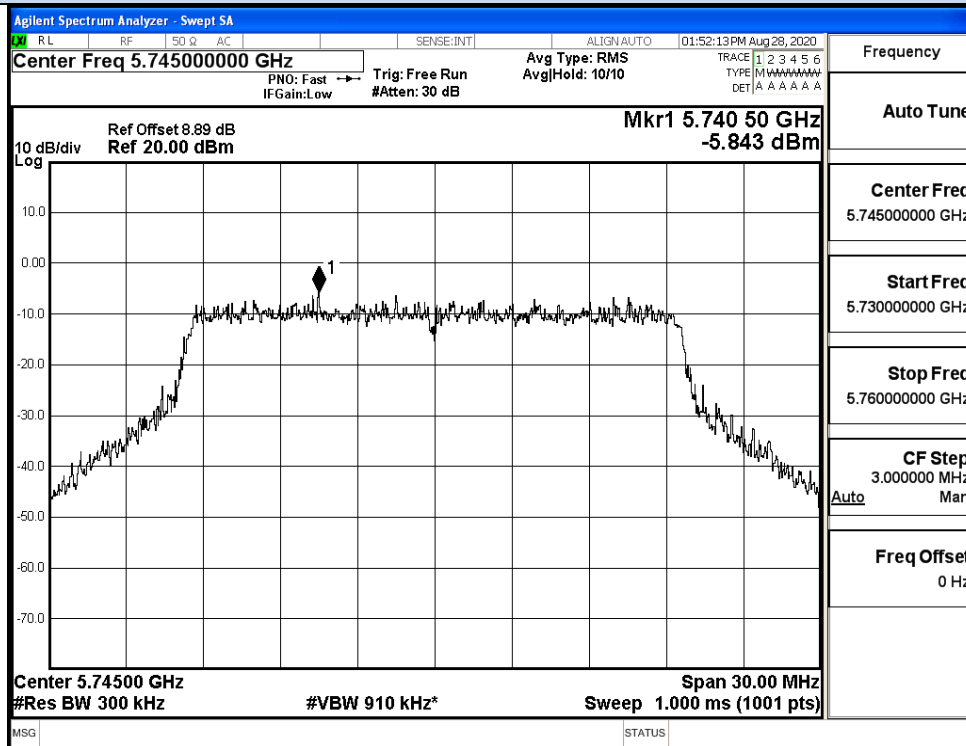
IEEE 802.11a / Channel 149 / 5745MHz

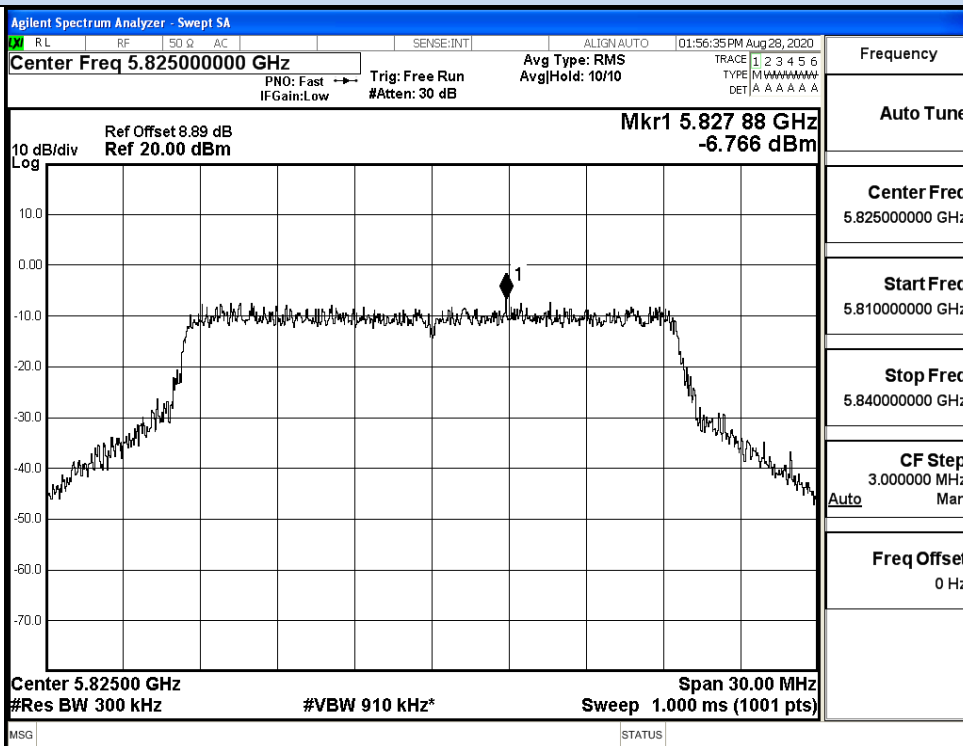
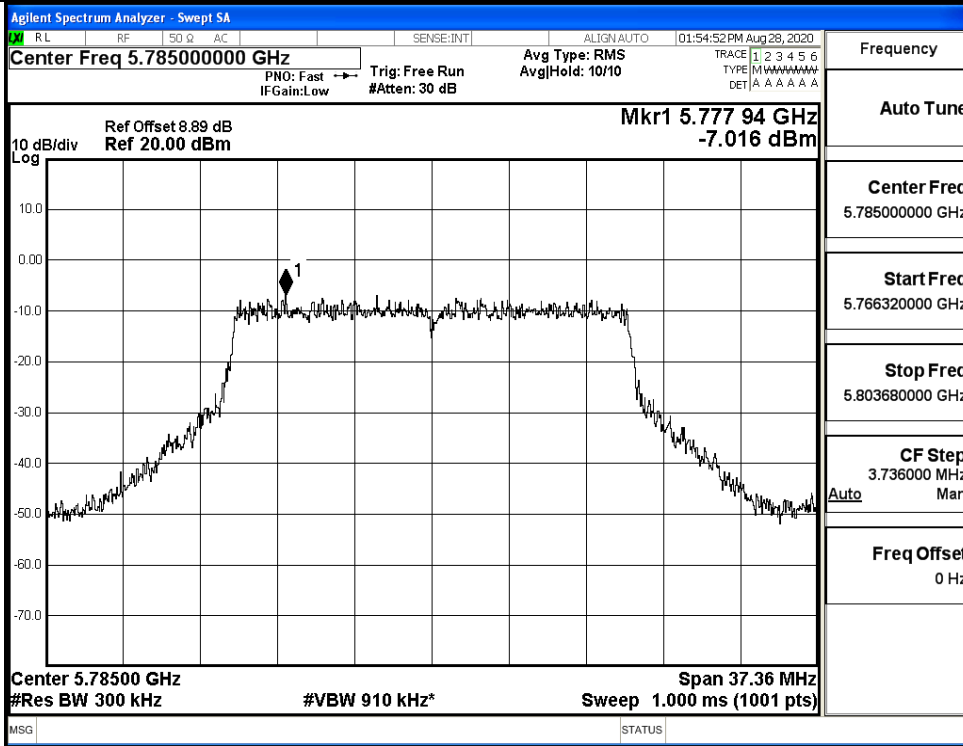


IEEE 802.11na / Channel 157 / 5785MHz

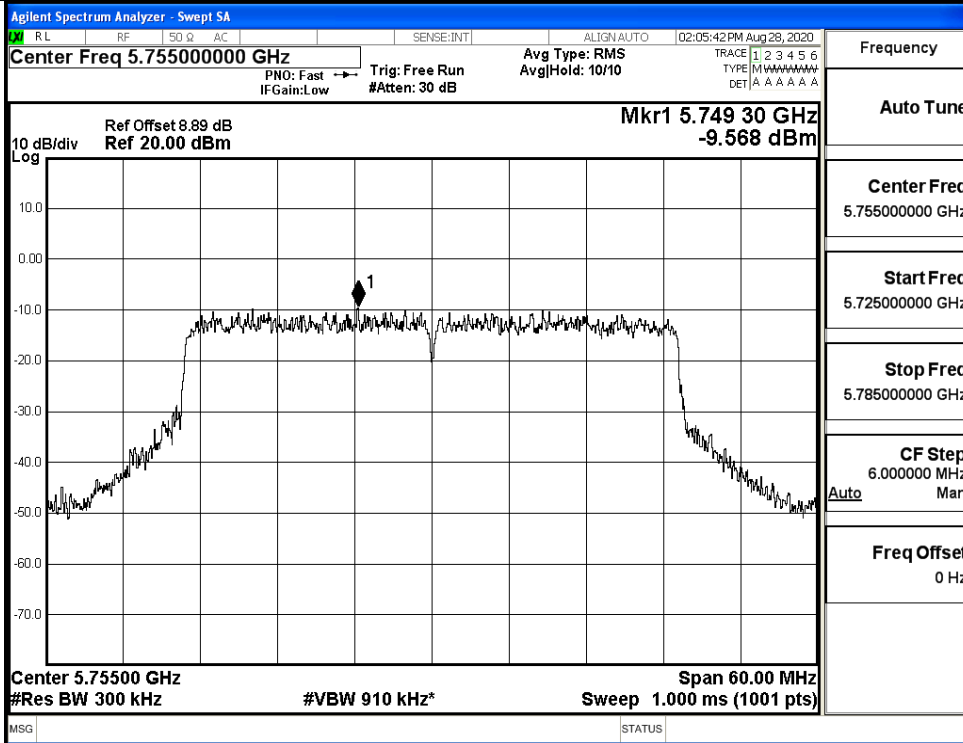


Power Spectral Density

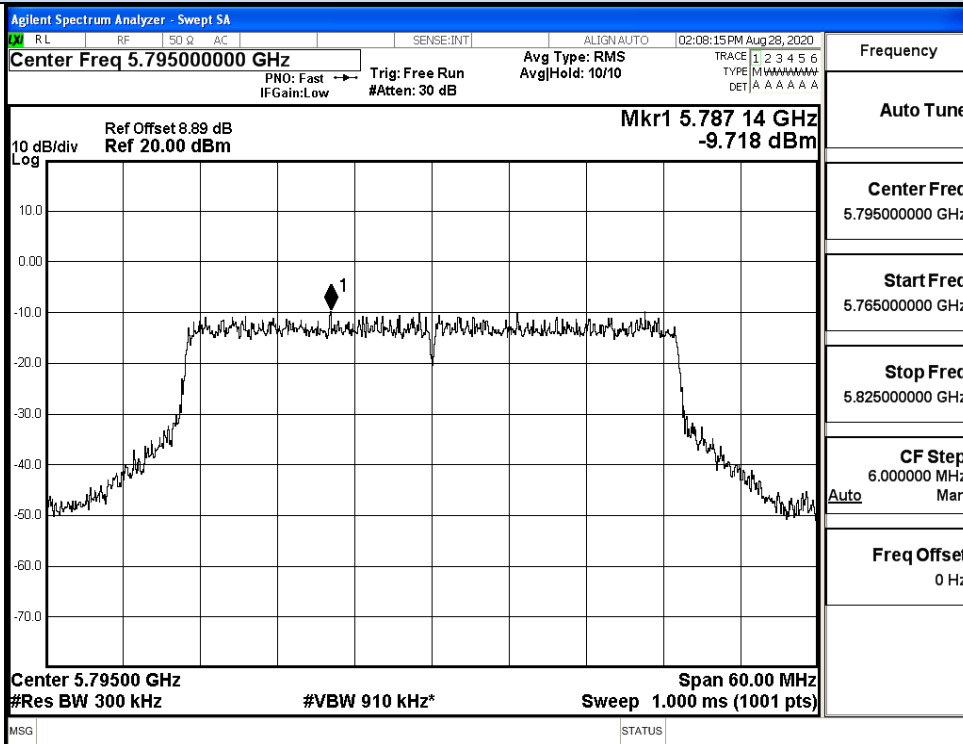




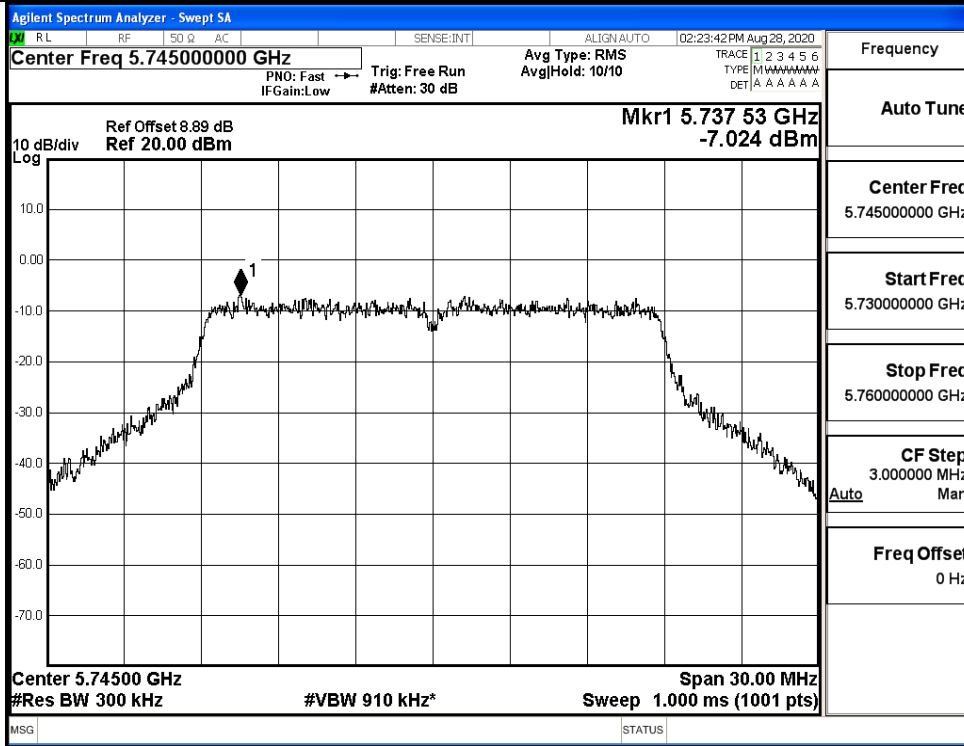
Power Spectral Density



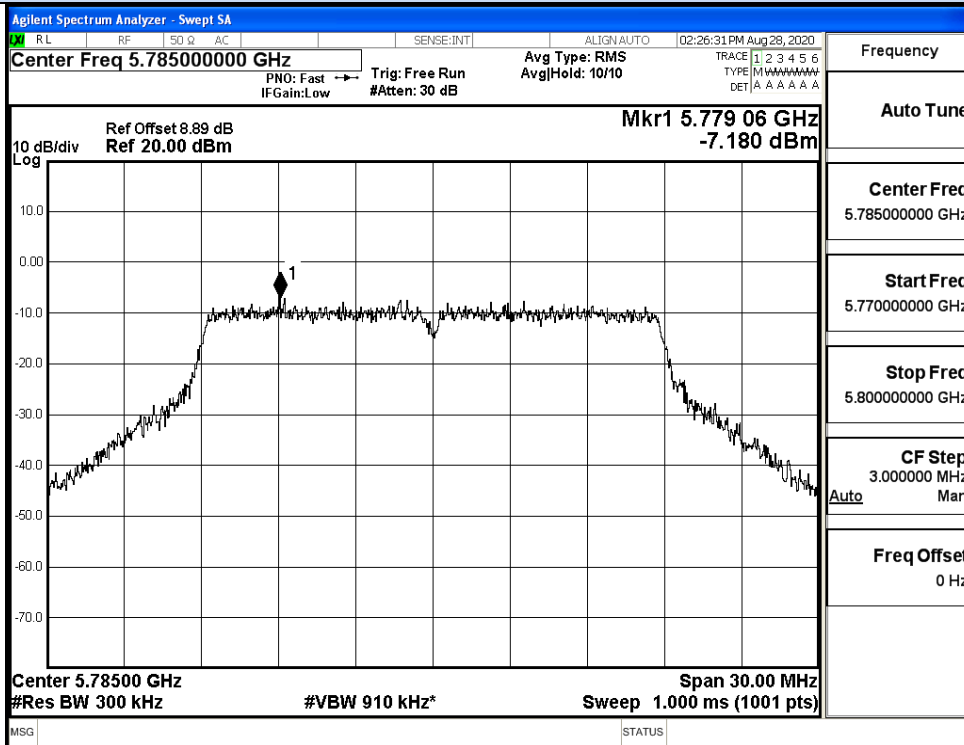
IEEE 802.11n40 / Channel 151 / 5755MHz



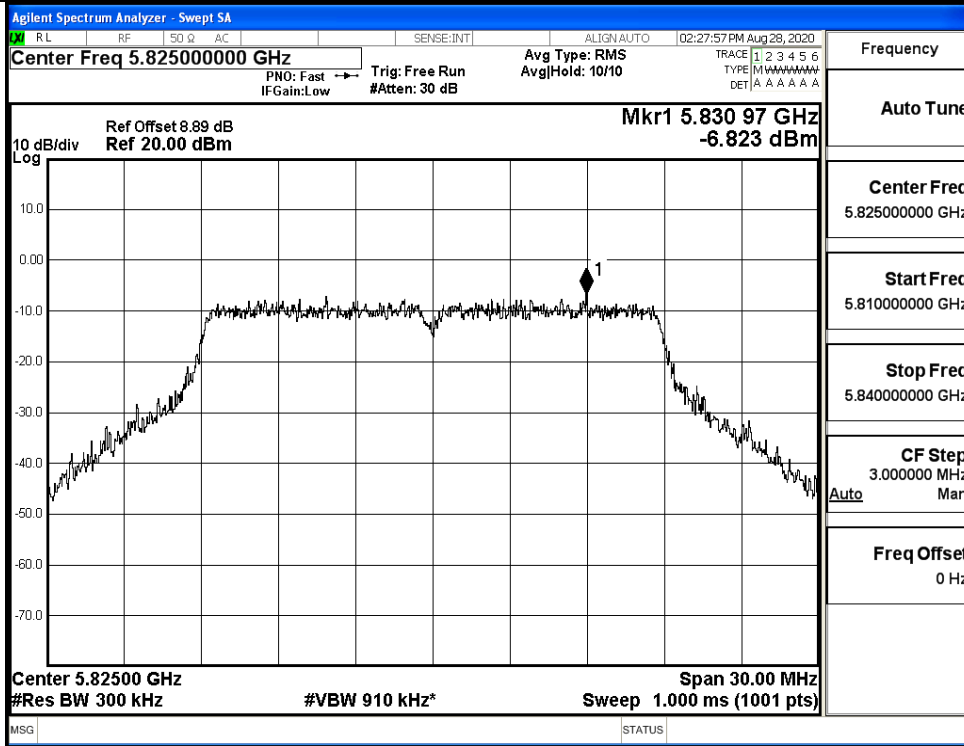
IEEE 802.11n40 / Channel 159 / 5795MHz



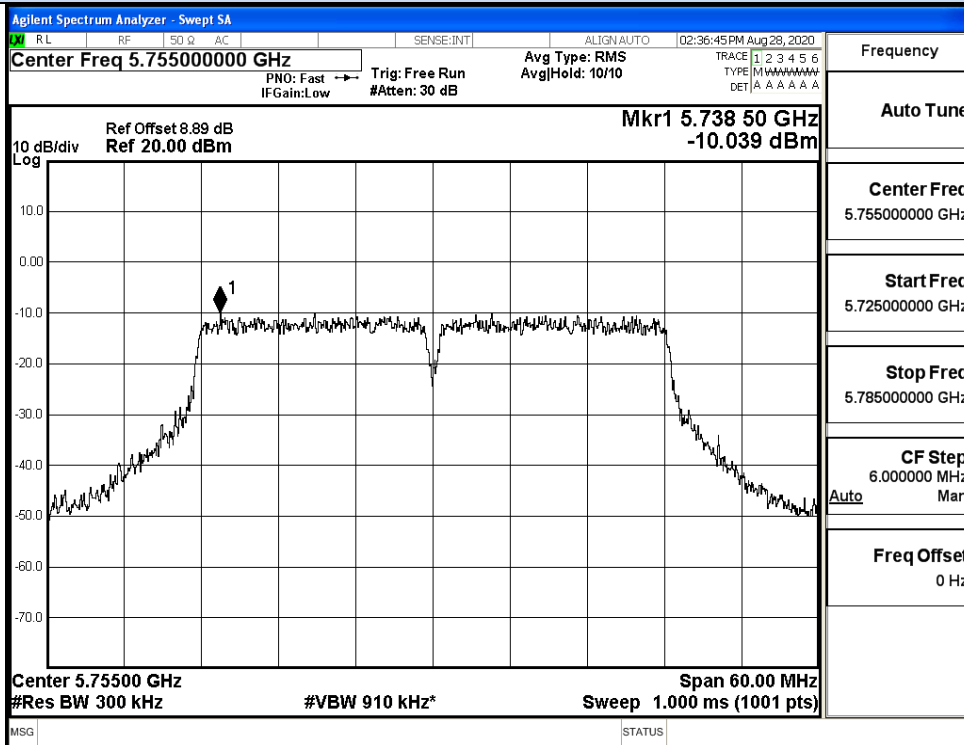
IEEE 802.11ac20 / Channel 149 / 5745MHz



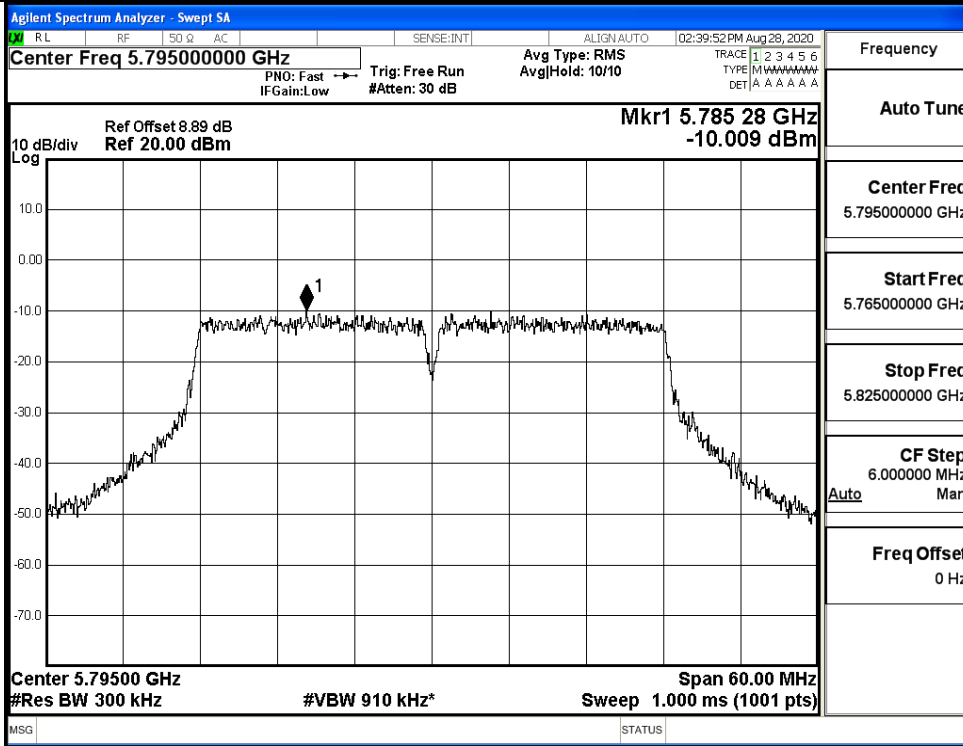
IEEE 802.11ac20 / Channel 157 / 5785MHz



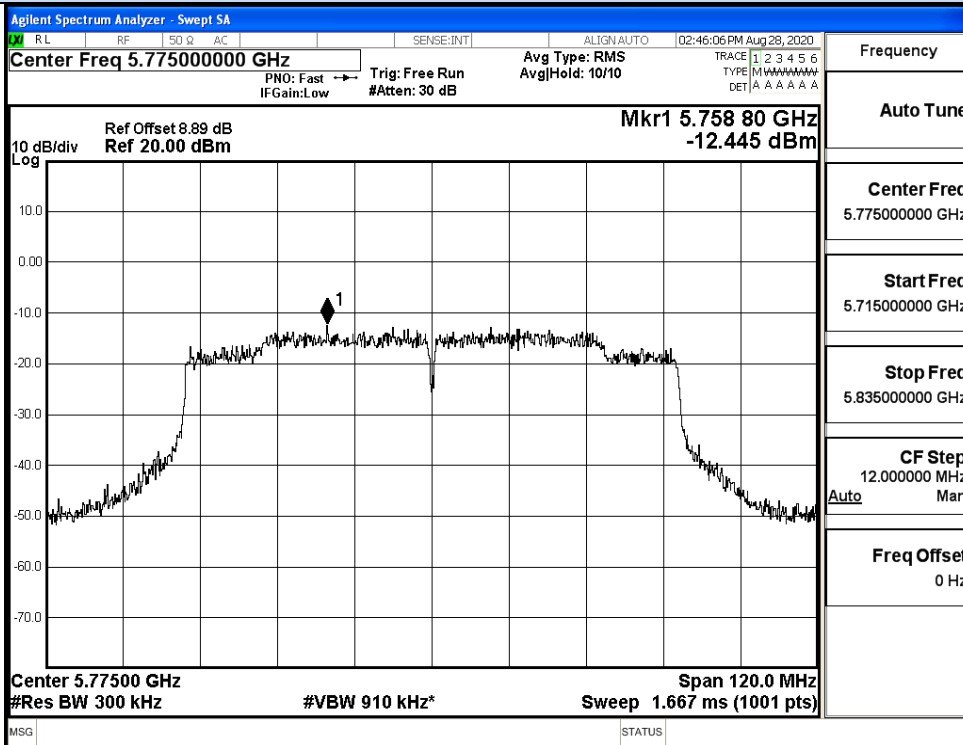
IEEE 802.11ac20 / Channel 165 / 5825MHz



IEEE 802.11ac40 / Channel 151 / 5755MHz



IEEE 802.11ac40 / Channel 159 / 5795MHz



IEEE 802.11ac80 / Channel 155/ 5775MHz

E.4 Emission Bandwidth

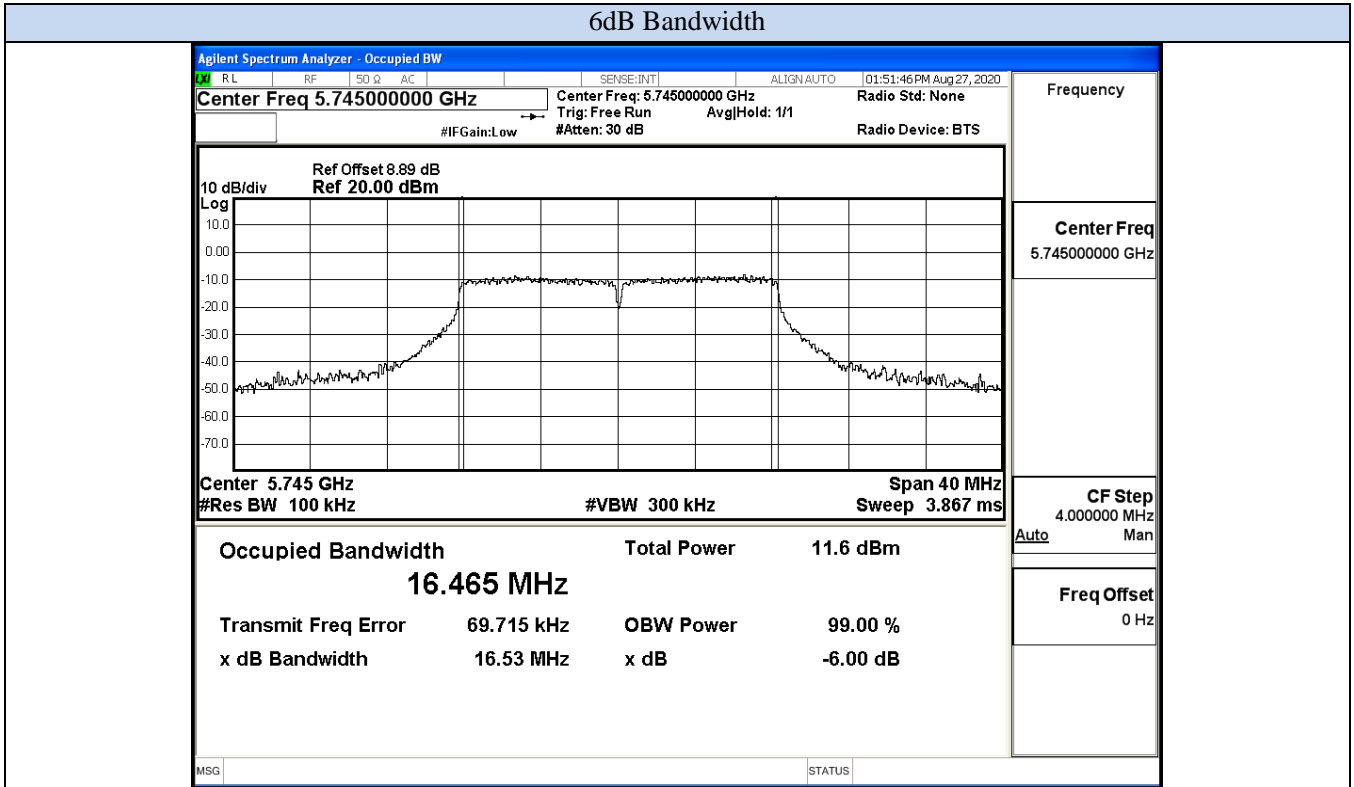
ANT 1

| Test Mode | Channel | Frequency (MHz) | 6dB Bandwidth (MHz) | Limit (MHz) | Verdict |
|-------------|---------|-----------------|---------------------|-------------|---------|
| 11A | 149 | 5745 | 16.53 | >=0.5 | Pass |
| | 157 | 5785 | 16.50 | | Pass |
| | 165 | 5825 | 16.55 | | Pass |
| 11N20 SISO | 149 | 5745 | 17.73 | >=0.5 | Pass |
| | 157 | 5785 | 17.75 | | Pass |
| | 165 | 5825 | 17.68 | | Pass |
| 11N40 SISO | 151 | 5755 | 36.50 | >=0.5 | Pass |
| | 159 | 5795 | 36.46 | | Pass |
| 11AC20SI SO | 149 | 5745 | 17.77 | >=0.5 | Pass |
| | 157 | 5785 | 17.73 | | Pass |
| | 165 | 5825 | 17.67 | | Pass |
| 11AC40SI SO | 151 | 5755 | 36.47 | >=0.5 | Pass |
| | 159 | 5795 | 36.44 | | Pass |
| 11AC80SI SO | 155 | 5775 | 75.18 | >=0.5 | Pass |

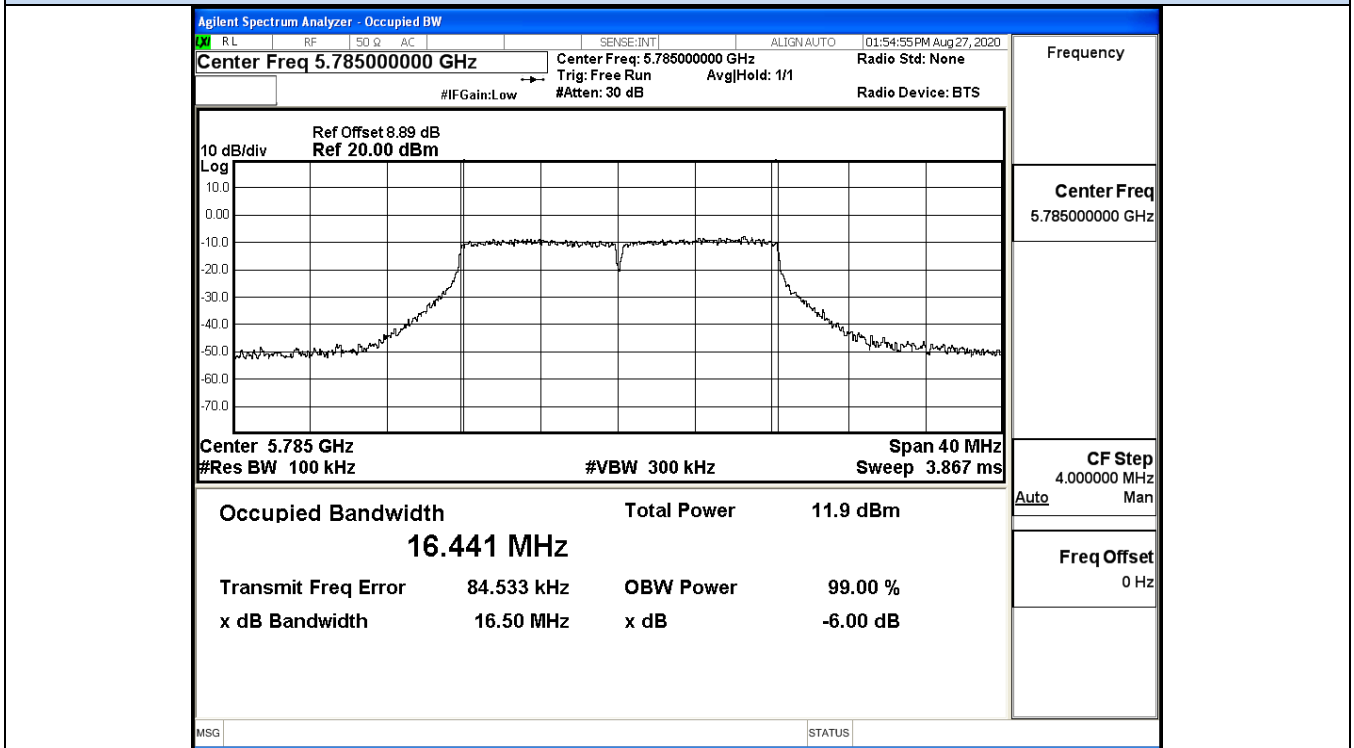
ANT 2

| Test Mode | Channel | Frequency (MHz) | 6dB Bandwidth (MHz) | Limit (MHz) | Verdict |
|-------------|---------|-----------------|---------------------|-------------|---------|
| 11A | 149 | 5745 | 16.36 | >=0.5 | Pass |
| | 157 | 5785 | 16.39 | | Pass |
| | 165 | 5825 | 16.37 | | Pass |
| 11N20 SISO | 149 | 5745 | 18.85 | >=0.5 | Pass |
| | 157 | 5785 | 18.68 | | Pass |
| | 165 | 5825 | 18.54 | | Pass |
| 11N40 SISO | 151 | 5755 | 37.93 | >=0.5 | Pass |
| | 159 | 5795 | 38.02 | | Pass |
| 11AC20SI SO | 149 | 5745 | 17.64 | >=0.5 | Pass |
| | 157 | 5785 | 17.57 | | Pass |
| | 165 | 5825 | 17.66 | | Pass |
| 11AC40SI SO | 151 | 5755 | 36.43 | >=0.5 | Pass |
| | 159 | 5795 | 36.46 | | Pass |
| 11AC80SI SO | 155 | 5775 | 65.27 | >=0.5 | Pass |

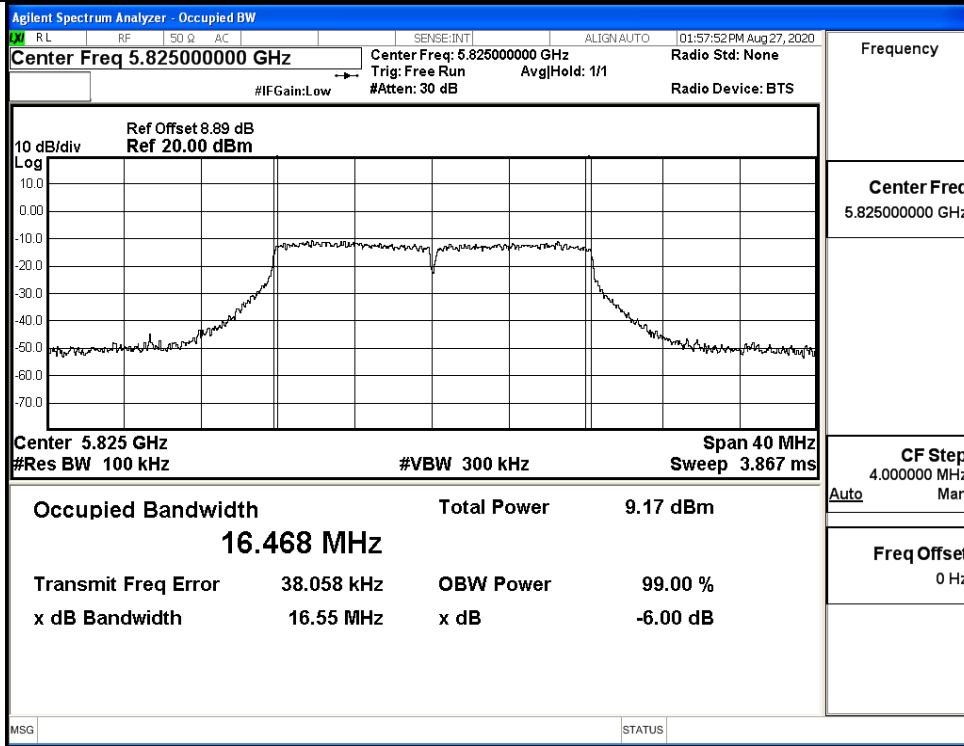
ANT 1



IEEE 802.11a / Channel 149 / 5745MHz

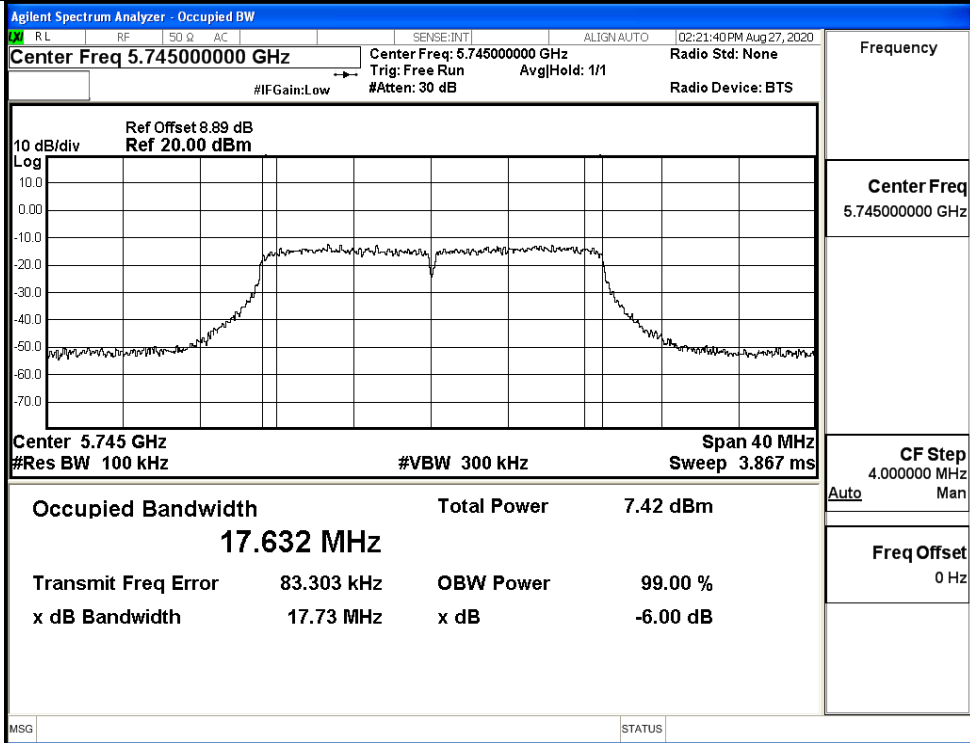


IEEE 802.11a / Channel 157 / 5785MHz

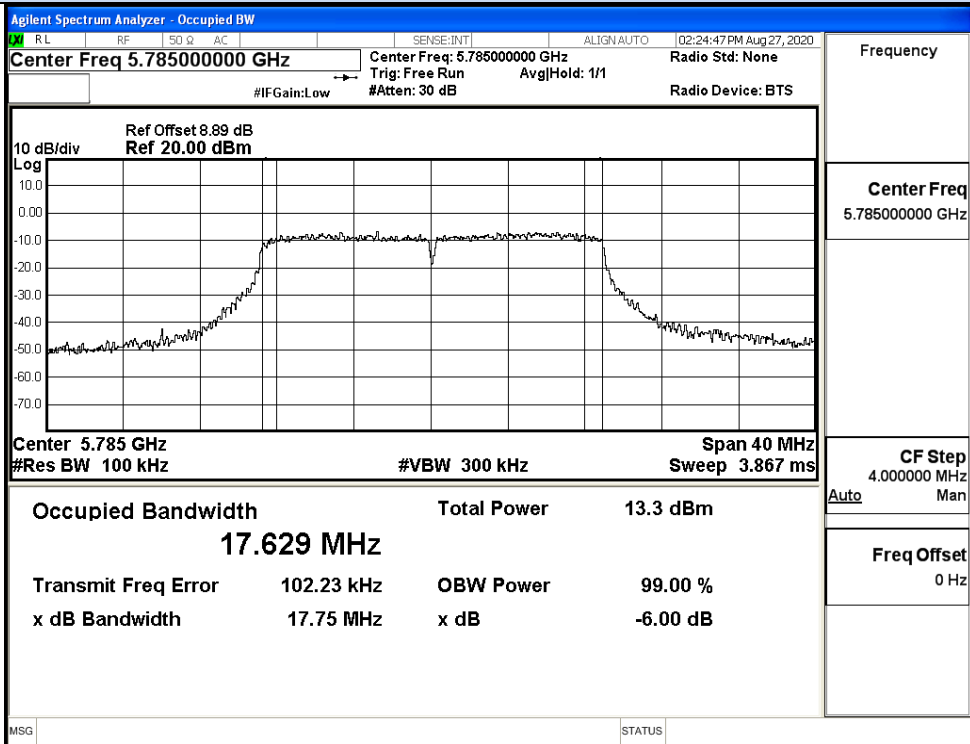


IEEE 802.11a / Channel 165 / 5825MHz

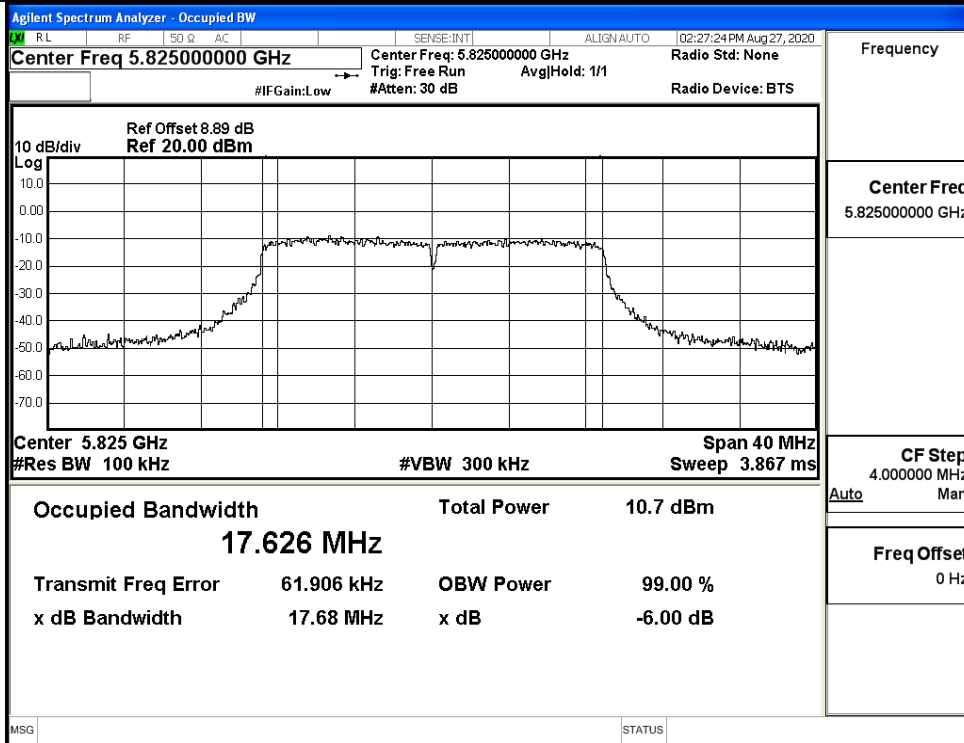
6dB Bandwidth



IEEE 802.11n20 / Channel 149 / 5745MHz

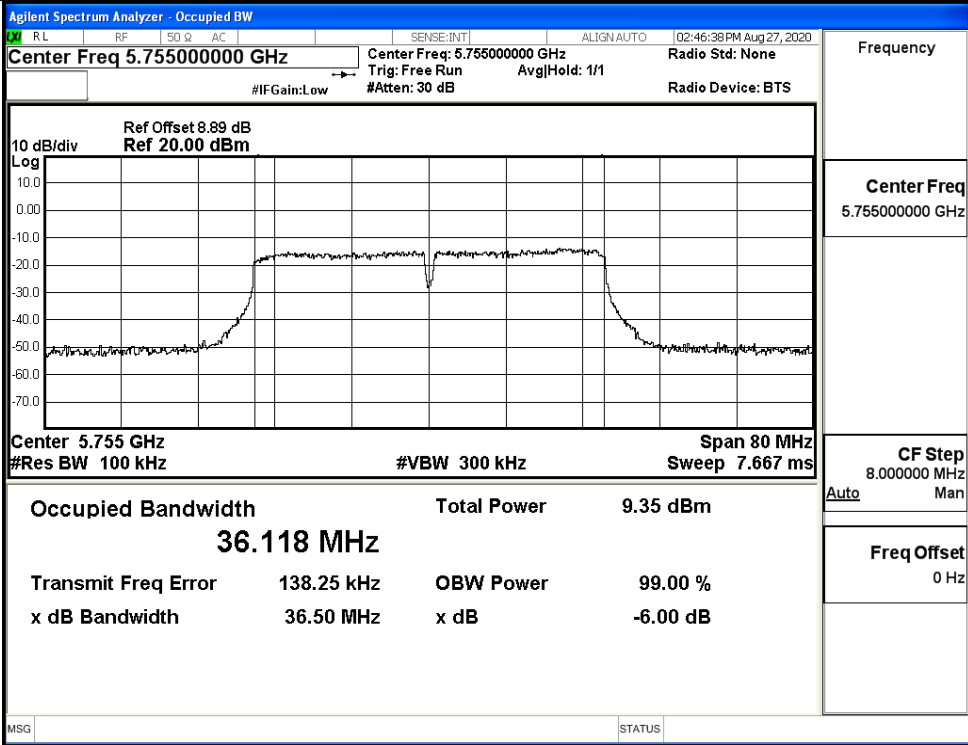


IEEE 802.11n20 / Channel 157 / 5785MHz

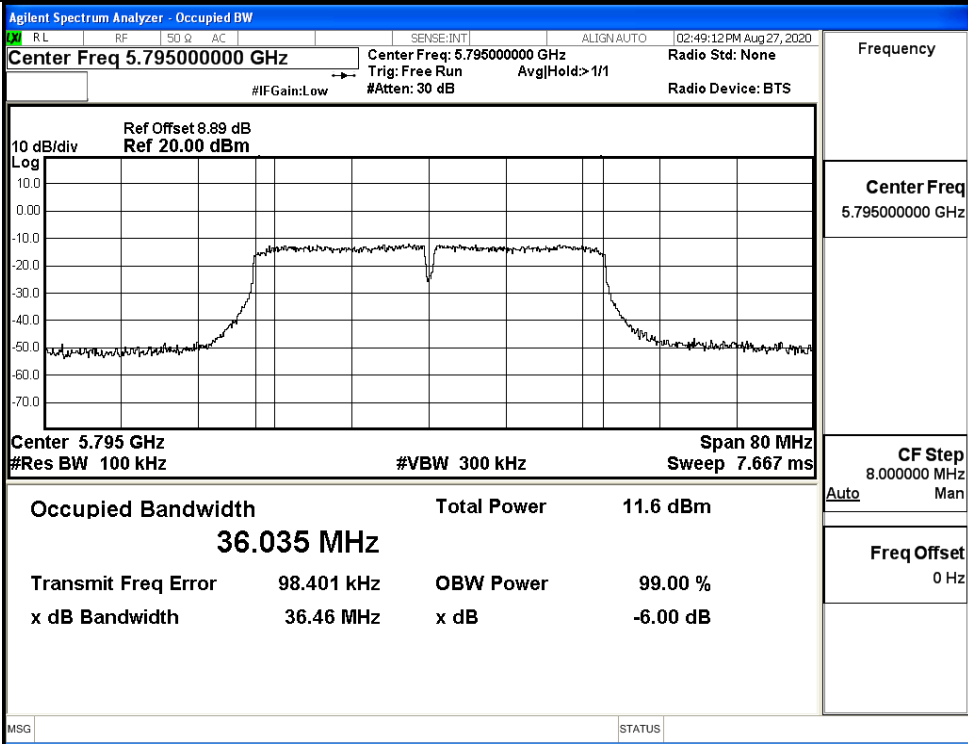


IEEE 802.11n20 / Channel 165 / 5825MHz

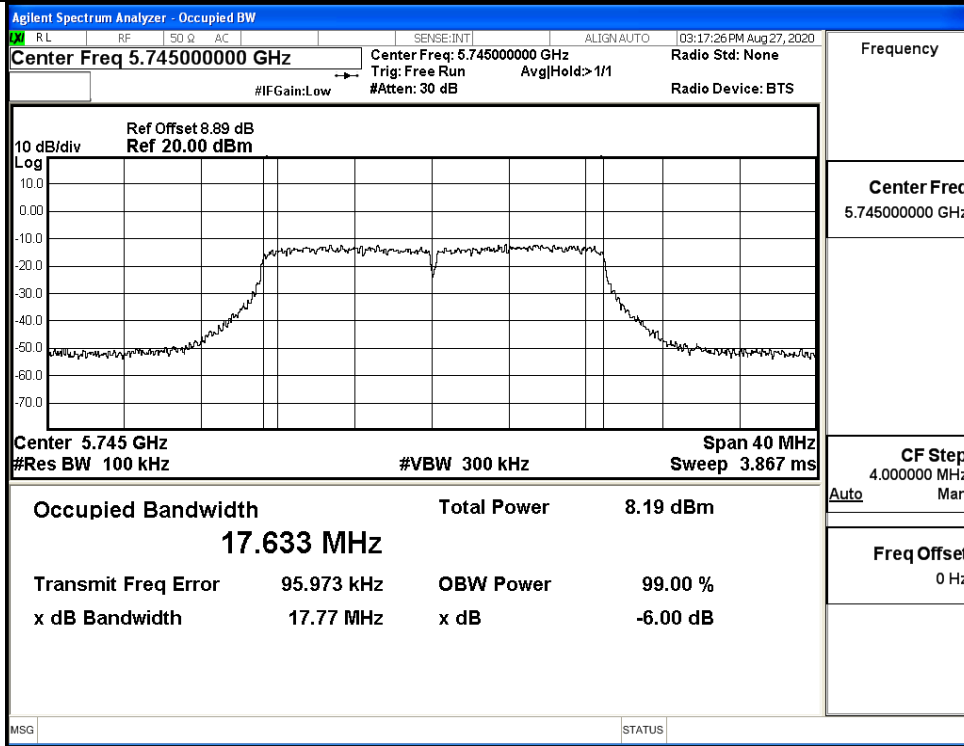
26dB Bandwidth



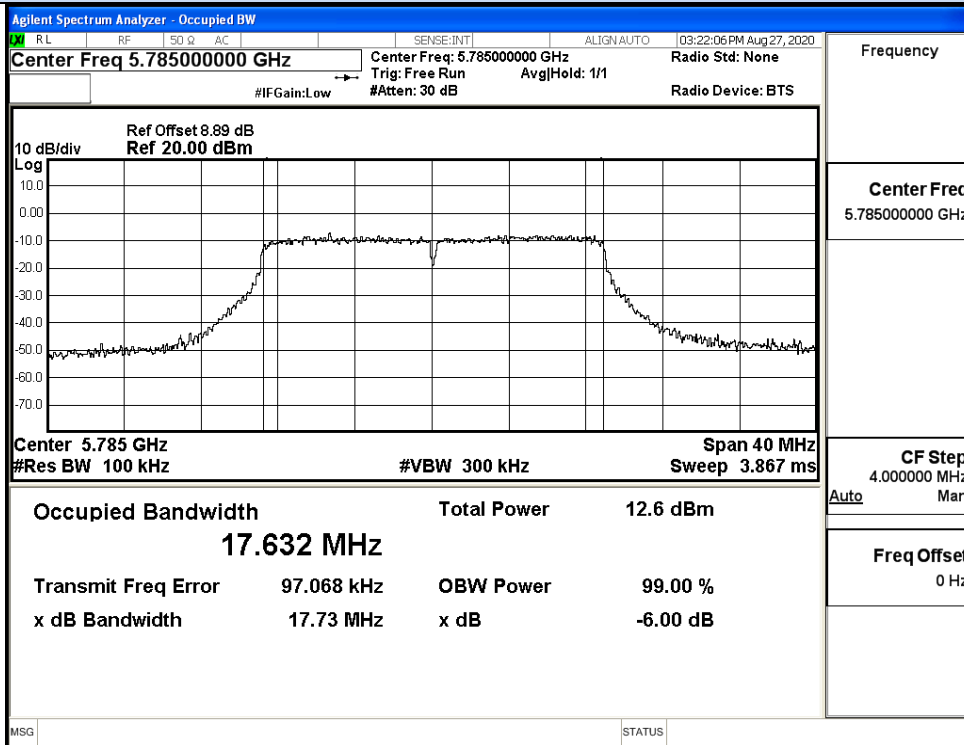
IEEE 802.11n40 / Channel 151 / 5755MHz



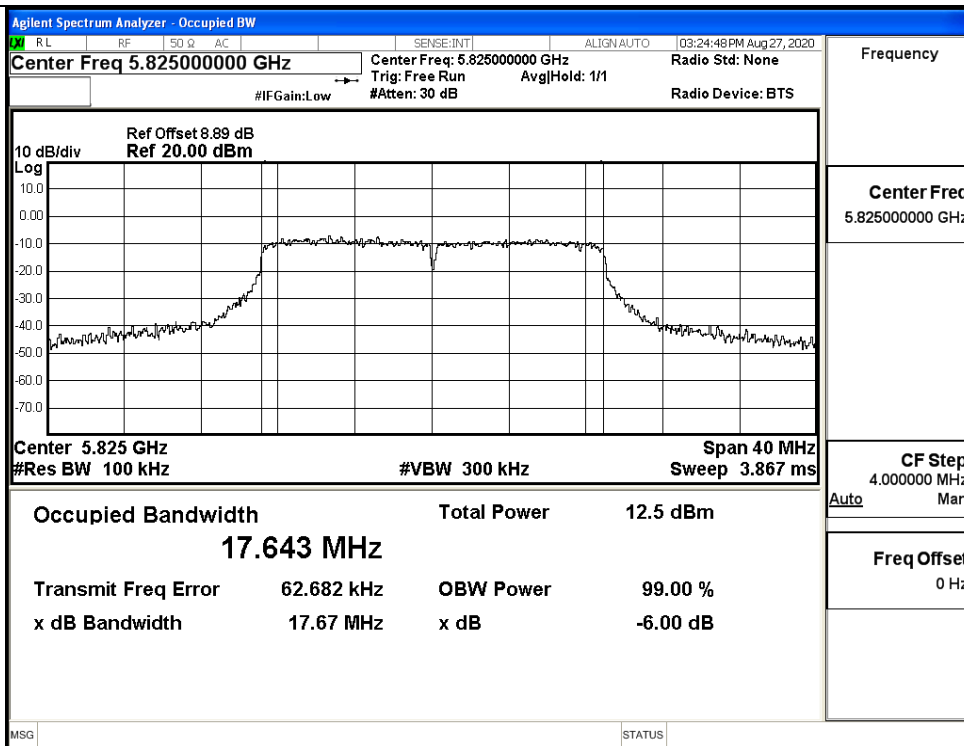
IEEE 802.11n40 / Channel 159 / 5795MHz



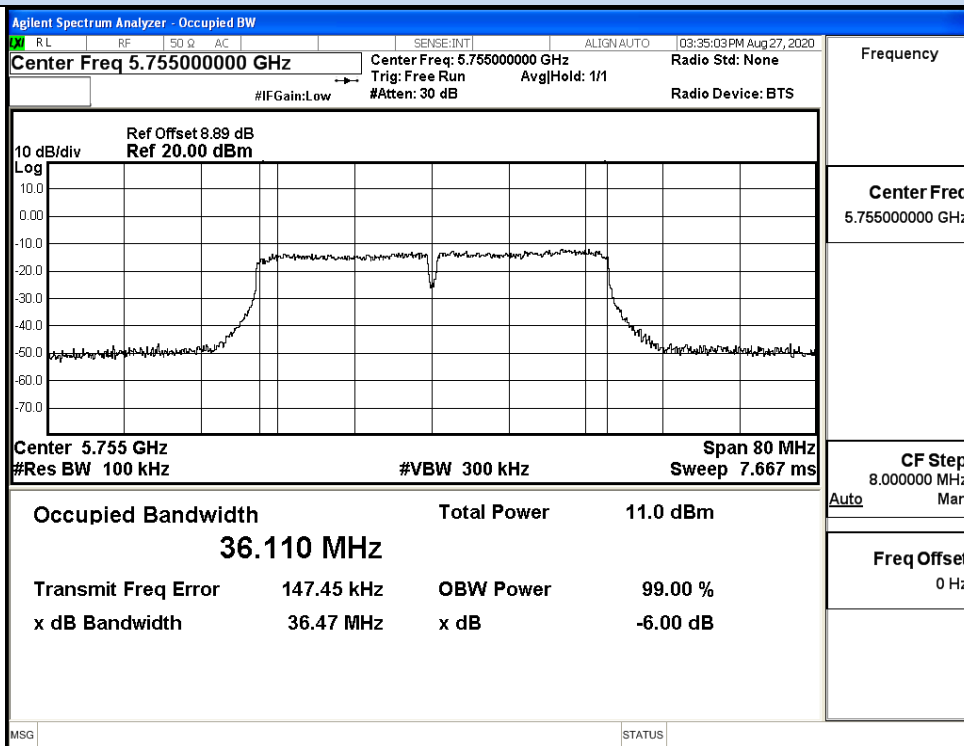
IEEE 802.11ac20 / Channel 149 / 5745MHz



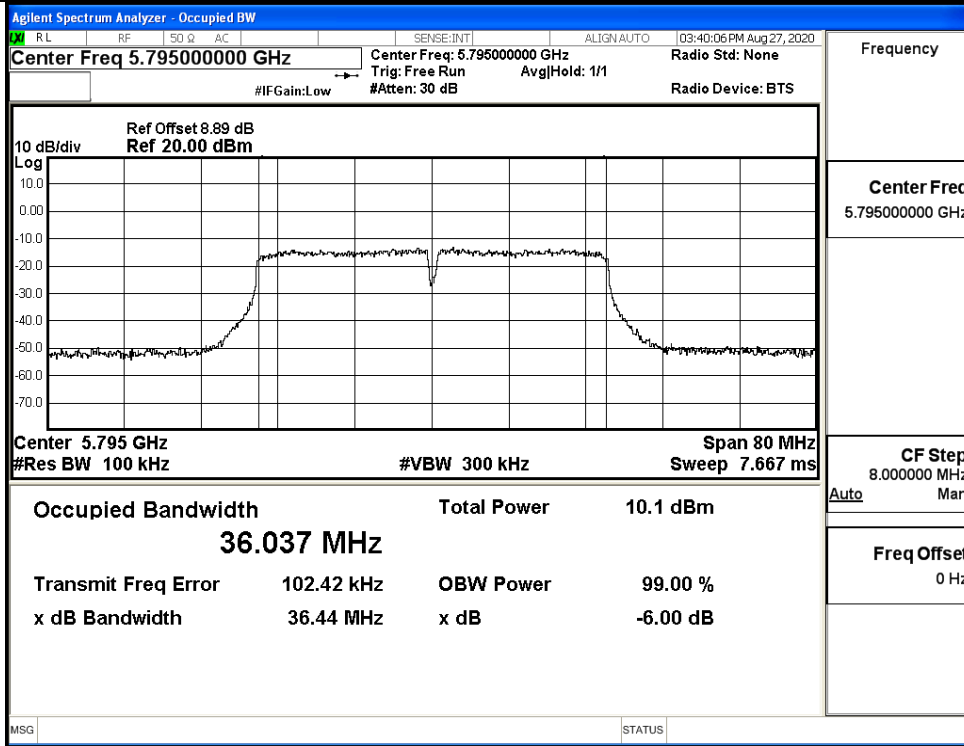
IEEE 802.11ac20 / Channel 157 / 5785MHz



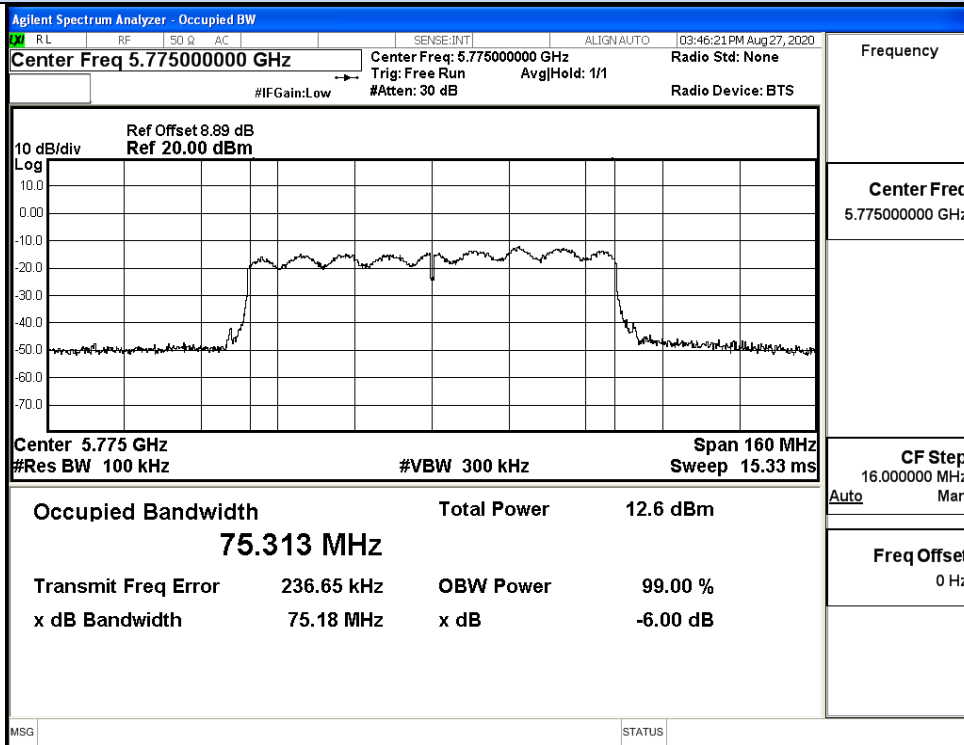
IEEE 802.11ac20 / Channel 165 / 5825MHz



IEEE 802.11ac40 / Channel 151 / 5755MHz



IEEE 802.11ac40 / Channel 159 / 5795MHz



IEEE 802.11ac80 / Channel 155 / 5775MHz

ANT 2

6dB Bandwidth

Agilent Spectrum Analyzer - Occupied BW

| | | | | | | |
|----------------------------|----|------|----|------------------------------|-----------------|--------------------------------|
| RL | RF | 50 Ω | AC | SENSE:INT | ALIGN:AUTO | 11:59:20 AM Aug 28, 2020 |
| Center Freq 5.74500000 GHz | | | | Center Freq: 5.745000000 GHz | Radio Std: None | Frequency |
| #IFGain:Low | | | | Trig: Free Run | Avg/Hold: 1/1 | Center Freq 5.745000000 GHz |
| #Atten: 30 dB | | | | Radio Device: BTS | | CF Step 4.000000 MHz |

Ref Offset 8.89 dB
Ref 20.00 dBm

Center 5.745 GHz Span 40 MHz
#Res BW 100 kHz #VBW 300 kHz Sweep 3.867 ms

| | | |
|---------------------|-------------|-------------------|
| Occupied Bandwidth | Total Power | 9.44 dBm |
| 16.646 MHz | | |
| Transmit Freq Error | -17.390 kHz | OBW Power 99.00 % |
| x dB Bandwidth | 16.36 MHz | x dB -6.00 dB |

Auto Man
Freq Offset 0 Hz

IEEE 802.11a / Channel 149 / 5745MHz

Agilent Spectrum Analyzer - Occupied BW

| | | | | | | |
|----------------------------|----|------|----|------------------------------|-----------------|--------------------------------|
| RL | RF | 50 Ω | AC | SENSE:INT | ALIGN:AUTO | 12:02:17 PM Aug 28, 2020 |
| Center Freq 5.78500000 GHz | | | | Center Freq: 5.785000000 GHz | Radio Std: None | Frequency |
| #IFGain:Low | | | | Trig: Free Run | Avg/Hold: 1/1 | Center Freq 5.785000000 GHz |
| #Atten: 30 dB | | | | Radio Device: BTS | | CF Step 4.000000 MHz |

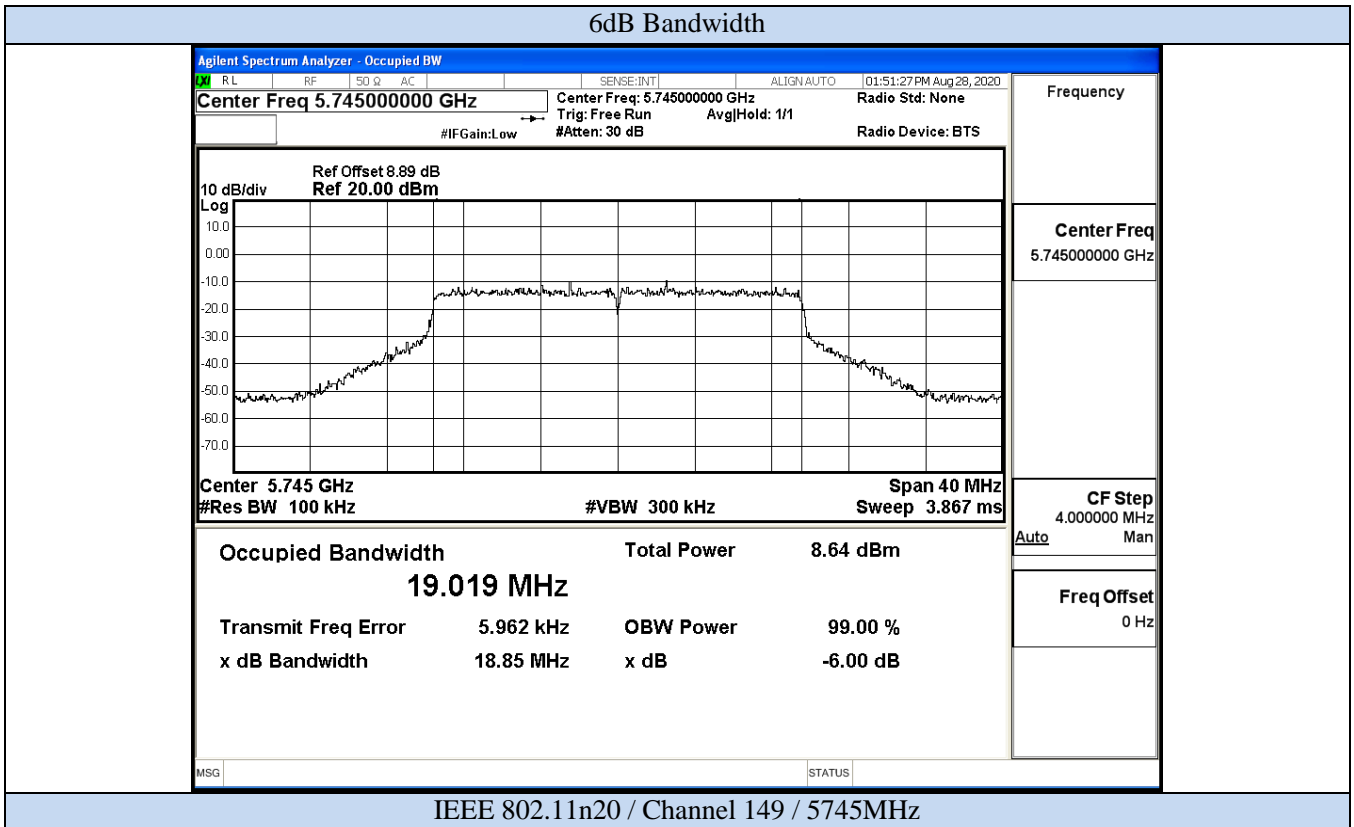
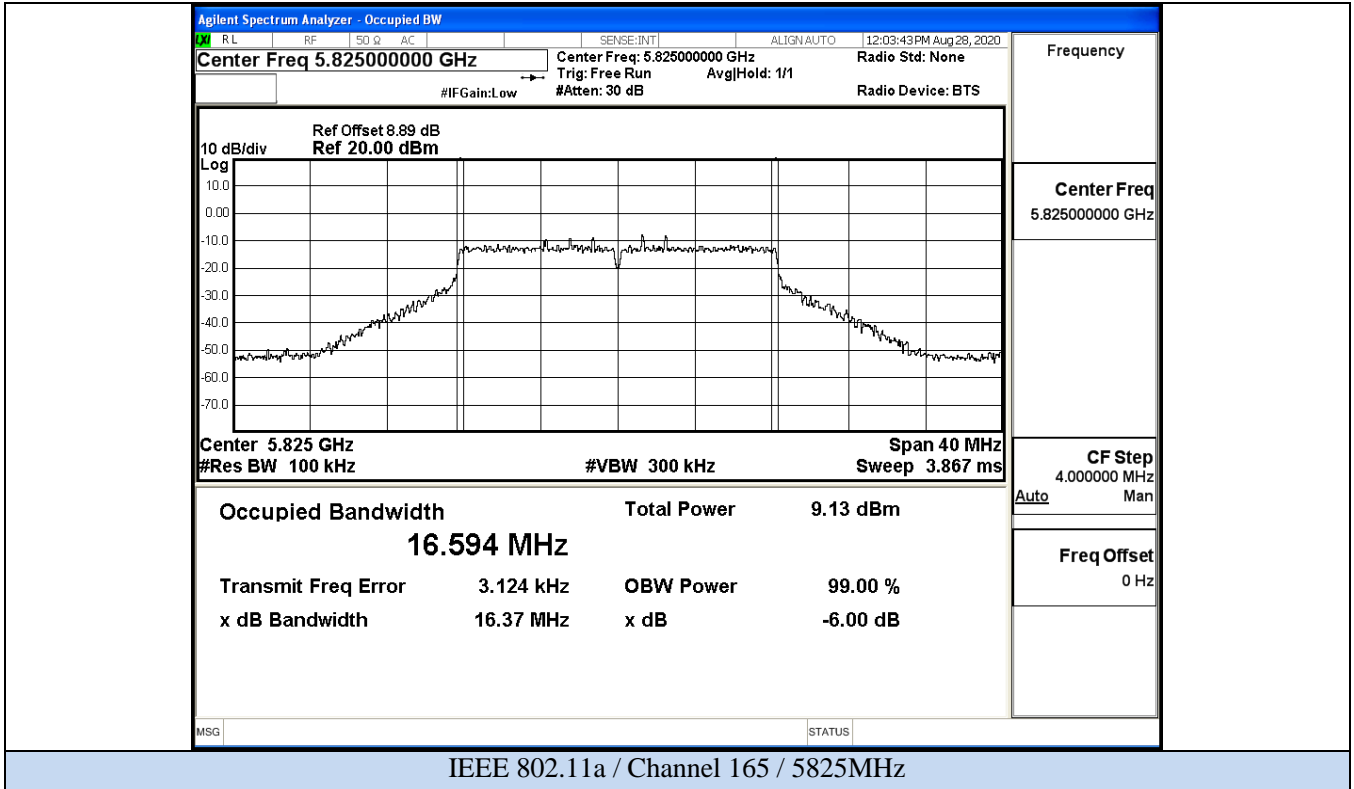
Ref Offset 8.89 dB
Ref 20.00 dBm

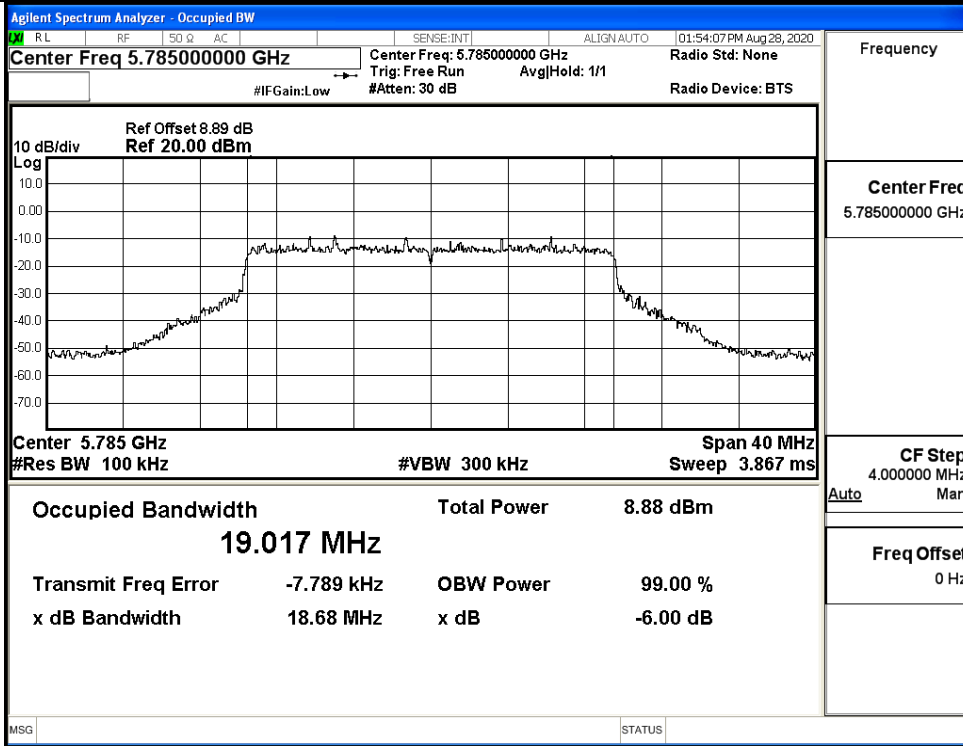
Center 5.785 GHz Span 40 MHz
#Res BW 100 kHz #VBW 300 kHz Sweep 3.867 ms

| | | |
|---------------------|-------------|-------------------|
| Occupied Bandwidth | Total Power | 8.86 dBm |
| 16.603 MHz | | |
| Transmit Freq Error | -4.380 kHz | OBW Power 99.00 % |
| x dB Bandwidth | 16.39 MHz | x dB -6.00 dB |

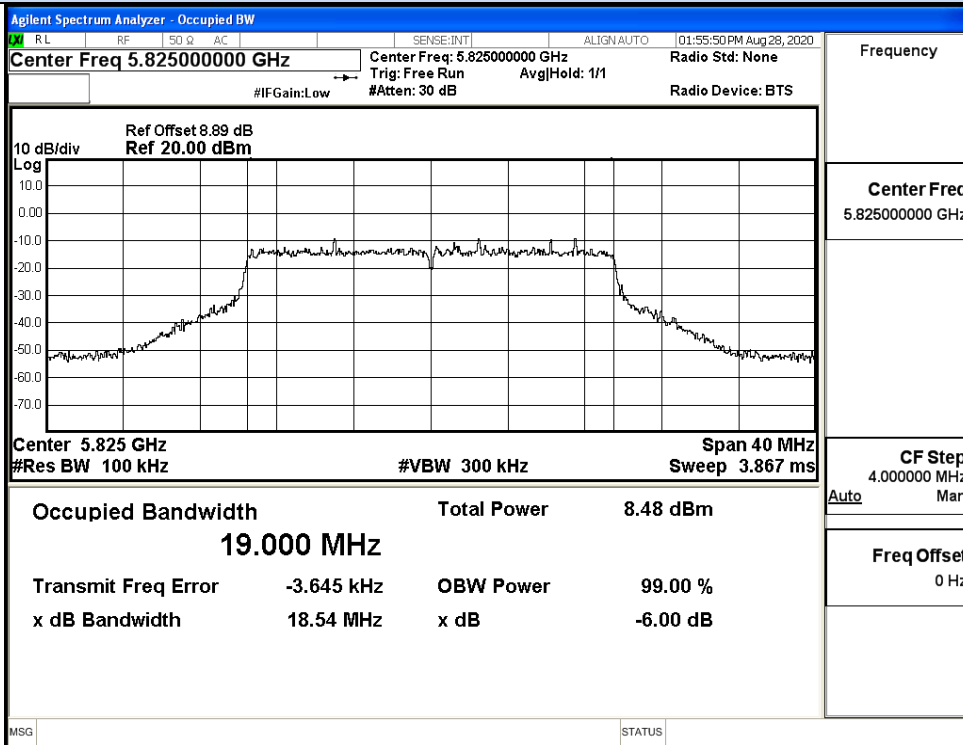
Auto Man
Freq Offset 0 Hz

IEEE 802.11a / Channel 157 / 5785MHz





IEEE 802.11n20 / Channel 157 / 5785MHz



IEEE 802.11n20 / Channel 165 / 5825MHz

26dB Bandwidth

Agilent Spectrum Analyzer - Occupied BW

| | | | | | | |
|-----------------------------|----|------|----|------------------------------|-----------------|--------------------------|
| RL | RF | 50 Ω | AC | SENSE:INT | ALIGN:AUTO | 02:04:56 PM Aug 28, 2020 |
| Center Freq 5.755000000 GHz | | | | Center Freq: 5.755000000 GHz | Trig: Free Run | Avg/Hold: 1/1 |
| #IF Gain: Low | | | | #Atten: 30 dB | Radio Std: None | Radio Device: BTS |

Ref Offset 8.89 dB
Ref 20.00 dBm

Center 5.755 GHz Span 80 MHz
#Res BW 100 kHz #VBW 300 kHz Sweep 7.667 ms

| | | |
|---------------------|-------------|-------------------|
| Occupied Bandwidth | Total Power | 8.95 dBm |
| 37.809 MHz | | |
| Transmit Freq Error | 11.659 kHz | OBW Power 99.00 % |
| x dB Bandwidth | 37.93 MHz | x dB -6.00 dB |

MSG STATUS

IEEE 802.11n40 / Channel 151 / 5755MHz

Agilent Spectrum Analyzer - Occupied BW

| | | | | | | |
|-----------------------------|----|------|----|------------------------------|-----------------|--------------------------|
| RL | RF | 50 Ω | AC | SENSE:INT | ALIGN:AUTO | 02:07:30 PM Aug 28, 2020 |
| Center Freq 5.795000000 GHz | | | | Center Freq: 5.795000000 GHz | Trig: Free Run | Avg/Hold: 1/1 |
| #IF Gain: Low | | | | #Atten: 30 dB | Radio Std: None | Radio Device: BTS |

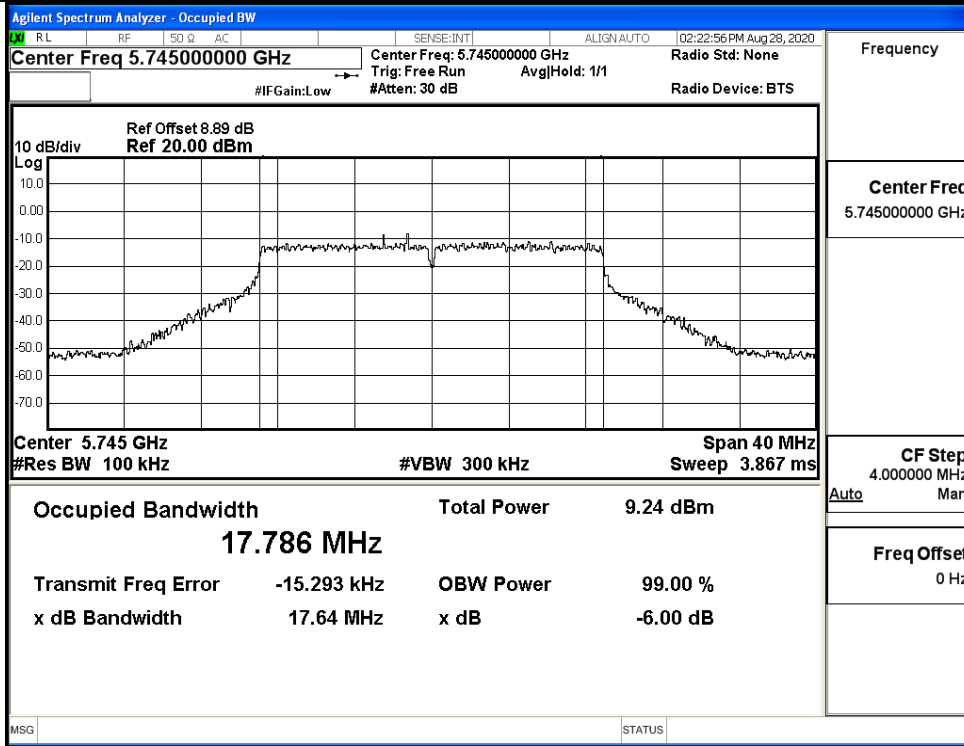
Ref Offset 8.89 dB
Ref 20.00 dBm

Center 5.795 GHz Span 80 MHz
#Res BW 100 kHz #VBW 300 kHz Sweep 7.667 ms

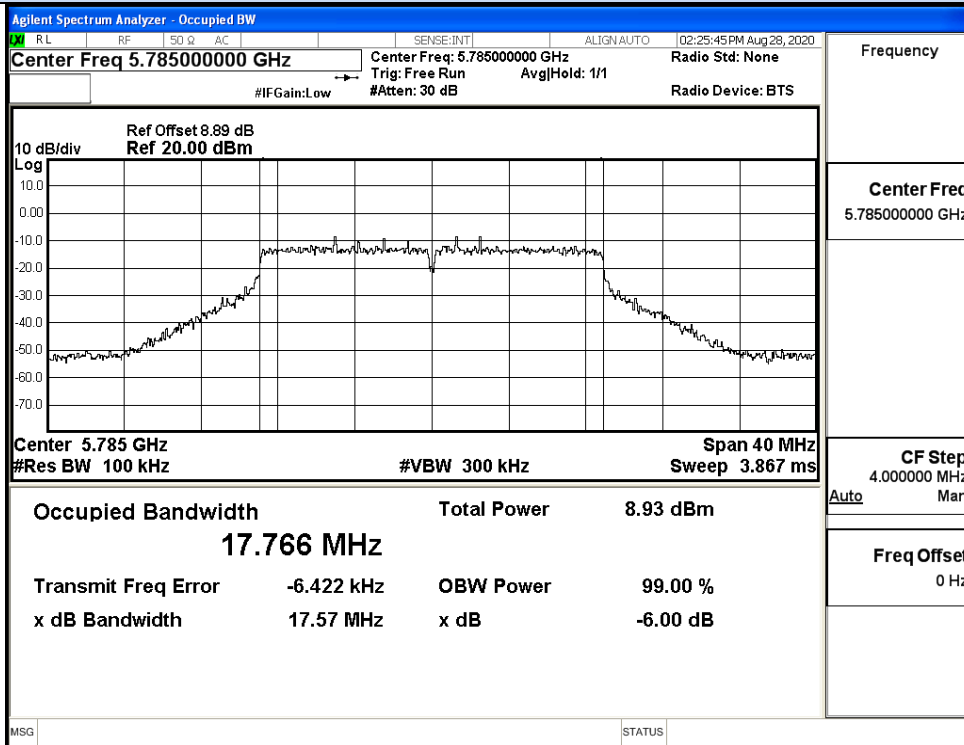
| | | |
|---------------------|-------------|-------------------|
| Occupied Bandwidth | Total Power | 8.70 dBm |
| 37.857 MHz | | |
| Transmit Freq Error | 25.415 kHz | OBW Power 99.00 % |
| x dB Bandwidth | 38.02 MHz | x dB -6.00 dB |

MSG STATUS

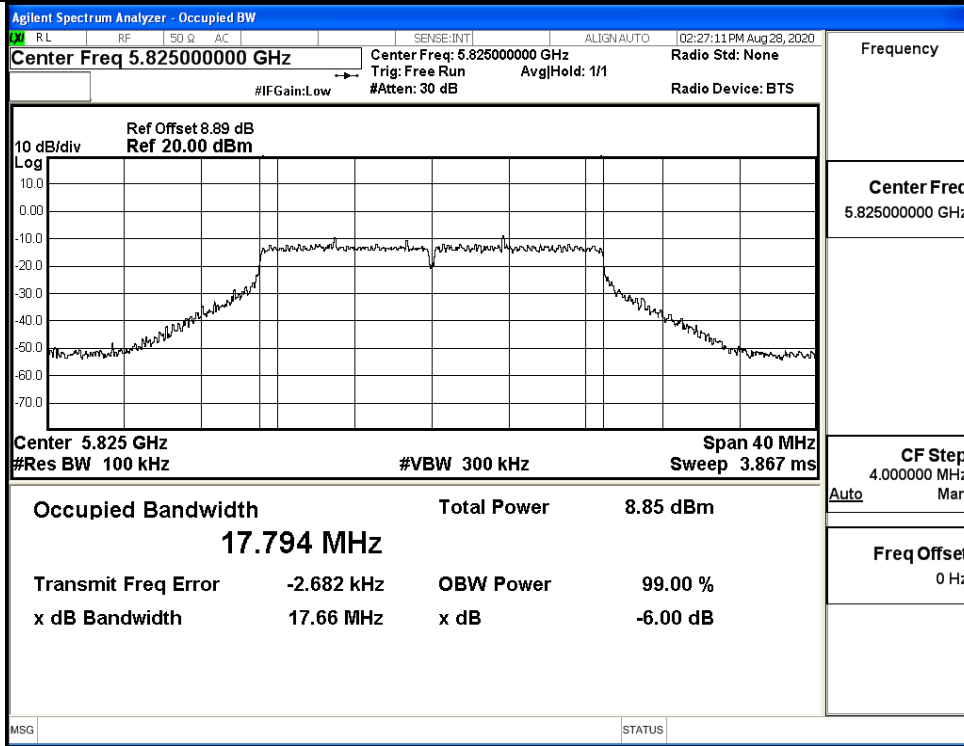
IEEE 802.11n40 / Channel 159 / 5795MHz



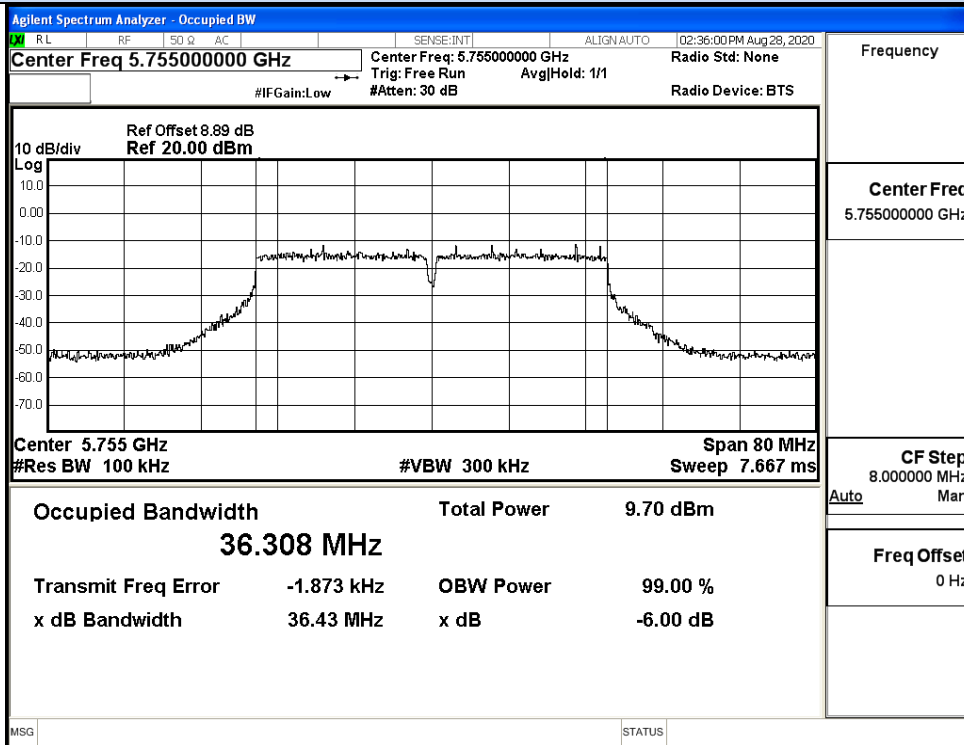
IEEE 802.11ac20 / Channel 149 / 5745MHz



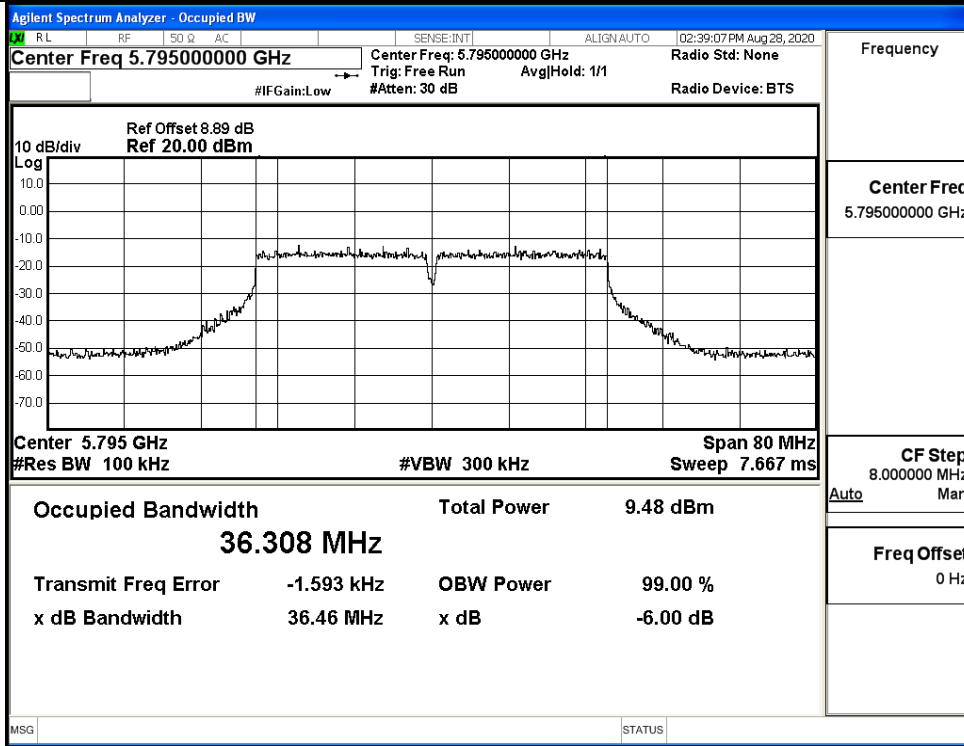
IEEE 802.11ac20 / Channel 157 / 5785MHz



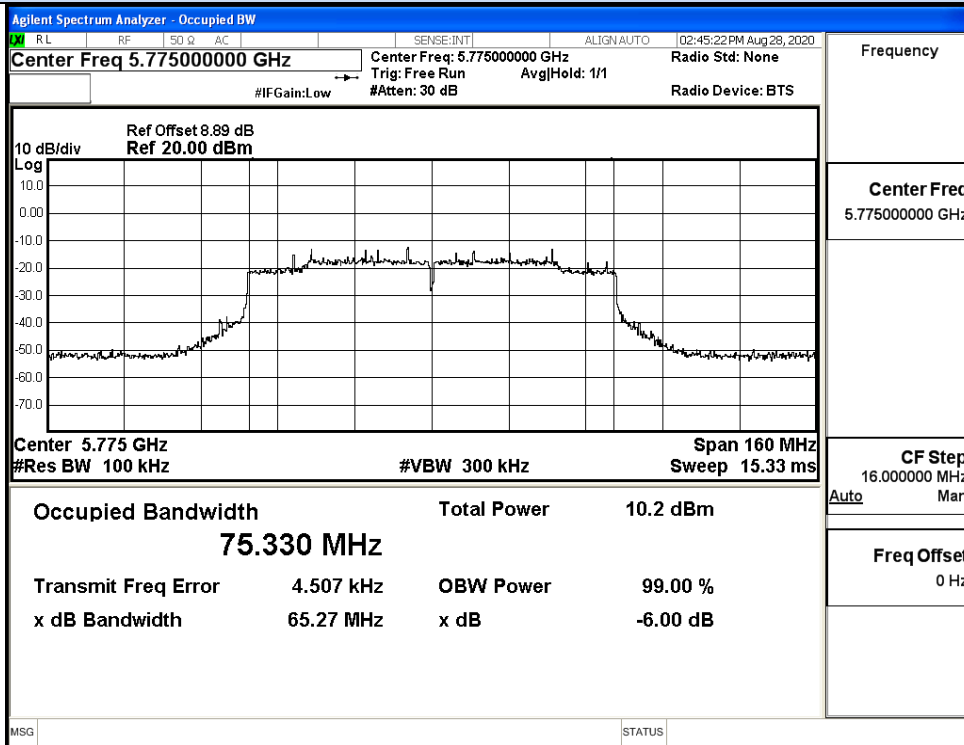
IEEE 802.11ac20 / Channel 165 / 5825MHz



IEEE 802.11ac40 / Channel 151 / 5755MHz



IEEE 802.11ac40 / Channel 159 / 5795MHz



IEEE 802.11ac80 / Channel 155 / 5775MHz

E.5 Undesirable Emissions Measurement

ANT1

| Test Mode | Channel | Frequency (MHz) | Conducted Power (dBm) | Antenna Gain (dBi) | EIRP (dBm/MHz) | Detector | Limit (dBm/MHz) | Verdict |
|-------------|---------|-----------------|-----------------------|--------------------|----------------|----------|-----------------|---------|
| 11A | 149 | 5650.0 | -48.83 | 6.00 | -42.83 | Peak | -27.0 | Pass |
| | | 5650.0 | -60.62 | 6.00 | -54.62 | Average | -27.0 | Pass |
| | | 5700.0 | -48.32 | 6.00 | -42.32 | Peak | 10 | Pass |
| | | 5700.0 | -60.40 | 6.00 | -54.4 | Average | 10 | Pass |
| | | 5720.0 | -47.70 | 6.00 | -41.7 | Peak | 15.6 | Pass |
| | | 5720.0 | -60.22 | 6.00 | -54.22 | Average | 15.6 | Pass |
| | | 5725.0 | -45.36 | 6.00 | -39.36 | Peak | 27.0 | Pass |
| | 5725.0 | -58.86 | 6.00 | -52.86 | Average | 27.0 | Pass | |
| | 165 | 5850.0 | -47.33 | 6.00 | -41.33 | Peak | 27.0 | Pass |
| | | 5850.0 | -59.86 | 6.00 | -53.86 | Average | 27.0 | Pass |
| | | 5855.0 | -47.77 | 6.00 | -41.77 | Peak | 15.6 | Pass |
| | | 5855.0 | -60.00 | 6.00 | -54 | Average | 15.6 | Pass |
| | | 5875.0 | -48.36 | 6.00 | -42.36 | Peak | 10 | Pass |
| | | 5875.0 | -60.24 | 6.00 | -54.24 | Average | 10 | Pass |
| 5925.0 | | -48.00 | 6.00 | -42 | Peak | -27.0 | Pass | |
| 5925.0 | -60.43 | 6.00 | -54.43 | Average | -27.0 | Pass | | |
| 11N20 SISO | 149 | 5650.0 | -49.10 | 6.00 | -43.1 | Peak | -27.0 | Pass |
| | | 5650.0 | -60.72 | 6.00 | -54.72 | Average | -27.0 | Pass |
| | | 5700.0 | -47.74 | 6.00 | -41.74 | Peak | 10 | Pass |
| | | 5700.0 | -60.07 | 6.00 | -54.07 | Average | 10 | Pass |
| | | 5720.0 | -47.52 | 6.00 | -41.52 | Peak | 15.6 | Pass |
| | | 5720.0 | -60.48 | 6.00 | -54.48 | Average | 15.6 | Pass |
| | | 5725.0 | -40.38 | 6.00 | -34.38 | Peak | 27.0 | Pass |
| | 5725.0 | -57.70 | 6.00 | -51.7 | Average | 27.0 | Pass | |
| | 165 | 5850.0 | -47.31 | 6.00 | -41.31 | Peak | 27.0 | Pass |
| | | 5850.0 | -59.72 | 6.00 | -53.72 | Average | 27.0 | Pass |
| | | 5855.0 | -48.08 | 6.00 | -42.08 | Peak | 15.6 | Pass |
| | | 5855.0 | -60.05 | 6.00 | -54.05 | Average | 15.6 | Pass |
| | | 5875.0 | -48.33 | 6.00 | -42.33 | Peak | 10 | Pass |
| | | 5875.0 | -60.29 | 6.00 | -54.29 | Average | 10 | Pass |
| 5925.0 | | -47.79 | 6.00 | -41.79 | Peak | -27.0 | Pass | |
| 5925.0 | -60.47 | 6.00 | -54.47 | Average | -27.0 | Pass | | |
| 11N40 SISO | 151 | 5650.0 | -48.03 | 6.00 | -42.03 | Peak | -27.0 | Pass |
| | | 5650.0 | -60.56 | 6.00 | -54.56 | Average | -27.0 | Pass |
| | | 5700.0 | -48.78 | 6.00 | -42.78 | Peak | 10 | Pass |
| | | 5700.0 | -60.41 | 6.00 | -54.41 | Average | 10 | Pass |
| | | 5720.0 | -46.25 | 6.00 | -40.25 | Peak | 15.6 | Pass |
| | | 5720.0 | -58.21 | 6.00 | -52.21 | Average | 15.6 | Pass |
| | | 5725.0 | -43.27 | 6.00 | -37.27 | Peak | 27.0 | Pass |
| | 5725.0 | -57.40 | 6.00 | -51.4 | Average | 27.0 | Pass | |
| | 159 | 5850.0 | -49.06 | 6.00 | -43.06 | Peak | 27.0 | Pass |
| | | 5850.0 | -59.74 | 6.00 | -53.74 | Average | 27.0 | Pass |
| | | 5855.0 | -48.23 | 6.00 | -42.23 | Peak | 15.6 | Pass |
| | | 5855.0 | -59.84 | 6.00 | -53.84 | Average | 15.6 | Pass |
| | | 5875.0 | -48.77 | 6.00 | -42.77 | Peak | 10 | Pass |
| | | 5875.0 | -60.02 | 6.00 | -54.02 | Average | 10 | Pass |
| 5925.0 | | -49.45 | 6.00 | -43.45 | Peak | -27.0 | Pass | |
| 5925.0 | -60.16 | 6.00 | -54.16 | Average | -27.0 | Pass | | |
| 11AC20 SISO | 149 | 5650.0 | -46.39 | 6.00 | -40.39 | Peak | -27.0 | Pass |
| | | 5650.0 | -60.51 | 6.00 | -54.51 | Average | -27.0 | Pass |
| | | 5700.0 | -48.18 | 6.00 | -42.18 | Peak | 10 | Pass |
| | | 5700.0 | -59.80 | 6.00 | -53.8 | Average | 10 | Pass |
| | | 5720.0 | -46.49 | 6.00 | -40.49 | Peak | 15.6 | Pass |
| | | 5720.0 | -60.30 | 6.00 | -54.3 | Average | 15.6 | Pass |
| | | 5725.0 | -38.47 | 6.00 | -32.47 | Peak | 27.0 | Pass |
| | 5725.0 | -56.85 | 6.00 | -50.85 | Average | 27.0 | Pass | |
| | 165 | 5850.0 | -47.54 | 6.00 | -41.54 | Peak | 27.0 | Pass |
| | | 5850.0 | -59.59 | 6.00 | -53.59 | Average | 27.0 | Pass |
| | | 5855.0 | -49.14 | 6.00 | -43.14 | Peak | 15.6 | Pass |
| | | 5855.0 | -60.08 | 6.00 | -54.08 | Average | 15.6 | Pass |
| | | 5875.0 | -49.42 | 6.00 | -43.42 | Peak | 10 | Pass |
| | | 5875.0 | -60.30 | 6.00 | -54.3 | Average | 10 | Pass |
| 5925.0 | | -47.29 | 6.00 | -41.29 | Peak | -27.0 | Pass | |

| | | | | | | | | |
|--------------------|--------|--------|--------|---------|--------|---------|-------|------|
| 11AC4 0 SISO | 151 | 5925.0 | -60.46 | 6.00 | -54.46 | Average | -27.0 | Pass |
| | | 5650.0 | -49.05 | 6.00 | -43.05 | Peak | -27.0 | Pass |
| | | 5650.0 | -60.57 | 6.00 | -54.57 | Average | -27.0 | Pass |
| | | 5700.0 | -49.26 | 6.00 | -43.26 | Peak | 10 | Pass |
| | | 5700.0 | -60.38 | 6.00 | -54.38 | Average | 10 | Pass |
| | | 5720.0 | -42.41 | 6.00 | -36.41 | Peak | 15.6 | Pass |
| | | 5720.0 | -57.58 | 6.00 | -51.58 | Average | 15.6 | Pass |
| | 159 | 5725.0 | -43.16 | 6.00 | -37.16 | Peak | 27.0 | Pass |
| | | 5725.0 | -56.66 | 6.00 | -50.66 | Average | 27.0 | Pass |
| | | 5850.0 | -48.67 | 6.00 | -42.67 | Peak | 27.0 | Pass |
| | | 5850.0 | -59.75 | 6.00 | -53.75 | Average | 27.0 | Pass |
| | | 5855.0 | -48.51 | 6.00 | -42.51 | Peak | 15.6 | Pass |
| | | 5855.0 | -59.81 | 6.00 | -53.81 | Average | 15.6 | Pass |
| | | 5875.0 | -48.66 | 6.00 | -42.66 | Peak | 10 | Pass |
| 11AC8 0 SISO | 155 | 5875.0 | -59.97 | 6.00 | -53.97 | Average | 10 | Pass |
| | | 5925.0 | -49.09 | 6.00 | -43.09 | Peak | -27.0 | Pass |
| | | 5925.0 | -60.12 | 6.00 | -54.12 | Average | -27.0 | Pass |
| | | 5725.0 | -45.30 | 6.00 | -39.3 | Peak | 27.0 | Pass |
| | | 5720.0 | -46.92 | 6.00 | -40.92 | Peak | 15.6 | Pass |
| | | 5700.0 | -48.80 | 6.00 | -42.8 | Peak | 10 | Pass |
| | | 5650.0 | -47.45 | 6.00 | -41.45 | Peak | -27.0 | Pass |
| | | 5725.0 | -57.92 | 6.00 | -51.92 | Average | 27.0 | Pass |
| | | 5720.0 | -58.24 | 6.00 | -52.24 | Average | 15.6 | Pass |
| | | 5700.0 | -59.35 | 6.00 | -53.35 | Average | 10 | Pass |
| | | 5650.0 | -59.76 | 6.00 | -53.76 | Average | -27.0 | Pass |
| | | 5850.0 | -45.30 | 6.00 | -39.3 | Peak | 27.0 | Pass |
| | | 5855.0 | -46.92 | 6.00 | -40.92 | Peak | 15.6 | Pass |
| | | 5875.0 | -48.80 | 6.00 | -42.8 | Peak | 10 | Pass |
| 5925.0 | -47.45 | 6.00 | -41.45 | Peak | -27.0 | Pass | | |
| 5850.0 | -57.92 | 6.00 | -51.92 | Average | 27.0 | Pass | | |
| 5855.0 | -58.24 | 6.00 | -52.24 | Average | 15.6 | Pass | | |
| 5875.0 | -59.35 | 6.00 | -53.35 | Average | 10 | Pass | | |
| 5925.0 | -59.76 | 6.00 | -53.76 | Average | -27.0 | Pass | | |

ANT 2

| Test Mode | Channel | Frequency (MHz) | Conducted Power (dBm) | Antenna Gain (dBi) | EIRP (dBm/MHz) | Detector | Limit (dBm/MHz) | Verdict |
|---------------|---------|-----------------|-----------------------|--------------------|----------------|----------|-----------------|---------|
| 11A | 149 | 5650.0 | -49.43 | 6.00 | -49.43 | Peak | -27.0 | Pass |
| | | 5650.0 | -61.00 | 6.00 | -61.00 | Average | -27.0 | Pass |
| | | 5700.0 | -48.80 | 6.00 | -48.80 | Peak | 10 | Pass |
| | | 5700.0 | -60.67 | 6.00 | -60.67 | Average | 10 | Pass |
| | | 5720.0 | -48.40 | 6.00 | -48.40 | Peak | 15.6 | Pass |
| | | 5720.0 | -60.37 | 6.00 | -60.37 | Average | 15.6 | Pass |
| | | 5725.0 | -47.03 | 6.00 | -47.03 | Peak | 27.0 | Pass |
| | 165 | 5725.0 | -60.08 | 6.00 | -60.08 | Average | 27.0 | Pass |
| | | 5850.0 | -48.38 | 6.00 | -48.38 | Peak | 27.0 | Pass |
| | | 5850.0 | -60.07 | 6.00 | -60.07 | Average | 27.0 | Pass |
| | | 5855.0 | -47.46 | 6.00 | -47.46 | Peak | 15.6 | Pass |
| | | 5855.0 | -60.20 | 6.00 | -60.20 | Average | 15.6 | Pass |
| | | 5875.0 | -47.66 | 6.00 | -47.66 | Peak | 10 | Pass |
| | | 5875.0 | -60.37 | 6.00 | -60.37 | Average | 10 | Pass |
| 11N20 SISO | 149 | 5925.0 | -48.06 | 6.00 | -48.06 | Peak | -27.0 | Pass |
| | | 5925.0 | -60.65 | 6.00 | -60.65 | Average | -27.0 | Pass |
| | | 5650.0 | -48.60 | 6.00 | -48.60 | Peak | -27.0 | Pass |
| | | 5650.0 | -60.76 | 6.00 | -60.76 | Average | -27.0 | Pass |
| | | 5700.0 | -48.83 | 6.00 | -48.83 | Peak | 10 | Pass |
| | | 5700.0 | -60.16 | 6.00 | -60.16 | Average | 10 | Pass |
| | | 5720.0 | -48.87 | 6.00 | -48.87 | Peak | 15.6 | Pass |
| | | 5720.0 | -60.51 | 6.00 | -60.51 | Average | 15.6 | Pass |
| | 165 | 5725.0 | -47.90 | 6.00 | -47.90 | Peak | 27.0 | Pass |
| | | 5725.0 | -59.82 | 6.00 | -59.82 | Average | 27.0 | Pass |
| | | 5850.0 | -48.31 | 6.00 | -48.31 | Peak | 27.0 | Pass |

| | | | | | | | | |
|--|--|--------|--------|------|--------|---------|-------|------|
| | | 5850.0 | -60.08 | 6.00 | -60.08 | Average | 27.0 | Pass |
| | | 5855.0 | -48.11 | 6.00 | -48.11 | Peak | 15.6 | Pass |
| | | 5855.0 | -60.23 | 6.00 | -60.23 | Average | 15.6 | Pass |
| | | 5875.0 | -48.38 | 6.00 | -48.38 | Peak | 10 | Pass |
| | | 5875.0 | -60.37 | 6.00 | -60.37 | Average | 10 | Pass |
| | | 5925.0 | -48.64 | 6.00 | -48.64 | Peak | -27.0 | Pass |
| | | 5925.0 | -60.65 | 6.00 | -60.65 | 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 | -48.87 | 6.00 | -42.87 | Peak | -27.0 | Pass |
| | | 5650.0 | -60.84 | 6.00 | -54.84 | Average | -27.0 | Pass |
| | | 5700.0 | -47.14 | 6.00 | -41.14 | Peak | 10 | Pass |
| | | 5700.0 | -60.46 | 6.00 | -54.46 | Average | 10 | Pass |
| | | 5720.0 | -47.87 | 6.00 | -41.87 | Peak | 15.6 | Pass |
| | | 5720.0 | -59.73 | 6.00 | -53.73 | Average | 15.6 | Pass |
| | | 5725.0 | -46.41 | 6.00 | -40.41 | Peak | 27.0 | Pass |
| | 159 | 5725.0 | -58.62 | 6.00 | -52.62 | Average | 27.0 | Pass |
| | | 5850.0 | -48.28 | 6.00 | -42.28 | Peak | 27.0 | Pass |
| | | 5850.0 | -59.82 | 6.00 | -53.82 | Average | 27.0 | Pass |
| | | 5855.0 | -48.95 | 6.00 | -42.95 | Peak | 15.6 | Pass |
| | | 5855.0 | -59.86 | 6.00 | -53.86 | Average | 15.6 | Pass |
| | | 5875.0 | -48.50 | 6.00 | -42.5 | Peak | 10 | Pass |
| | | 5875.0 | -60.02 | 6.00 | -54.02 | Average | 10 | Pass |
| 11AC2 0 SISO | 149 | 5925.0 | -49.23 | 6.00 | -43.23 | Peak | -27.0 | Pass |
| | | 5925.0 | -60.31 | 6.00 | -54.31 | Average | -27.0 | Pass |
| | | 5650.0 | -48.67 | 6.00 | -42.67 | Peak | -27.0 | Pass |
| | | 5650.0 | -60.80 | 6.00 | -54.8 | Average | -27.0 | Pass |
| | | 5700.0 | -48.66 | 6.00 | -42.66 | Peak | 10 | Pass |
| | | 5700.0 | -60.17 | 6.00 | -54.17 | Average | 10 | Pass |
| | | 5720.0 | -48.68 | 6.00 | -42.68 | Peak | 15.6 | Pass |
| | 165 | 5720.0 | -60.47 | 6.00 | -54.47 | Average | 15.6 | Pass |
| | | 5725.0 | -47.98 | 6.00 | -41.98 | Peak | 27.0 | Pass |
| | | 5725.0 | -59.81 | 6.00 | -53.81 | Average | 27.0 | Pass |
| | | 5850.0 | -47.67 | 6.00 | -41.67 | Peak | 27.0 | Pass |
| | | 5850.0 | -60.07 | 6.00 | -54.07 | Average | 27.0 | Pass |
| | | 5855.0 | -47.38 | 6.00 | -41.38 | Peak | 15.6 | Pass |
| | | 5855.0 | -60.21 | 6.00 | -54.21 | Average | 15.6 | Pass |
| 11AC4 0 SISO | 151 | 5875.0 | -48.59 | 6.00 | -42.59 | Peak | 10 | Pass |
| | | 5875.0 | -60.38 | 6.00 | -54.38 | Average | 10 | Pass |
| | | 5925.0 | -48.65 | 6.00 | -42.65 | Peak | -27.0 | Pass |
| | | 5925.0 | -60.62 | 6.00 | -54.62 | Average | -27.0 | Pass |
| | | 5650.0 | -48.83 | 6.00 | -42.83 | Peak | -27.0 | Pass |
| | | 5650.0 | -60.65 | 6.00 | -54.65 | Average | -27.0 | Pass |
| | | 5700.0 | -47.99 | 6.00 | -41.99 | Peak | 10 | Pass |
| | 159 | 5700.0 | -60.13 | 6.00 | -54.13 | Average | 10 | Pass |
| | | 5720.0 | -47.39 | 6.00 | -41.39 | Peak | 15.6 | Pass |
| | | 5720.0 | -58.99 | 6.00 | -52.99 | Average | 15.6 | Pass |
| | | 5725.0 | -44.92 | 6.00 | -38.92 | Peak | 27.0 | Pass |
| | | 5725.0 | -57.83 | 6.00 | -51.83 | Average | 27.0 | Pass |
| | | 5850.0 | -49.12 | 6.00 | -43.12 | Peak | 27.0 | Pass |
| | | 5850.0 | -59.85 | 6.00 | -53.85 | Average | 27.0 | Pass |
| 155 | 5855.0 | -48.83 | 6.00 | -42.83 | Peak | 15.6 | Pass | |
| | 5855.0 | -59.88 | 6.00 | -53.88 | Average | 15.6 | Pass | |
| | 5875.0 | -49.13 | 6.00 | -43.13 | Peak | 10 | Pass | |
| | 5875.0 | -60.02 | 6.00 | -54.02 | Average | 10 | Pass | |
| | 5925.0 | -48.34 | 6.00 | -42.34 | Peak | -27.0 | Pass | |
| | 5925.0 | -60.31 | 6.00 | -54.31 | Average | -27.0 | Pass | |
| | 5725.0 | -48.14 | 6.00 | -42.14 | Peak | 27.0 | Pass | |
| 11AC8 0 SISO | 155 | 5720.0 | -48.84 | 6.00 | -42.84 | Peak | 15.6 | Pass |
| | | 5700.0 | -48.49 | 6.00 | -42.49 | Peak | 10 | Pass |
| | | 5650.0 | -48.82 | 6.00 | -42.82 | Peak | -27.0 | Pass |
| | | 5725.0 | -59.32 | 6.00 | -53.32 | Average | 27.0 | Pass |
| | | 5720.0 | -59.40 | 6.00 | -53.4 | Average | 15.6 | Pass |
| | | 5700.0 | -59.69 | 6.00 | -53.69 | Average | 10 | Pass |
| | | 5650.0 | -59.96 | 6.00 | -53.96 | Average | -27.0 | Pass |
| | | 5850.0 | -48.14 | 6.00 | -42.14 | Peak | 27.0 | Pass |
| | | 5855.0 | -48.84 | 6.00 | -42.84 | Peak | 15.6 | Pass |
| | | 5875.0 | -48.49 | 6.00 | -42.49 | Peak | 10 | Pass |

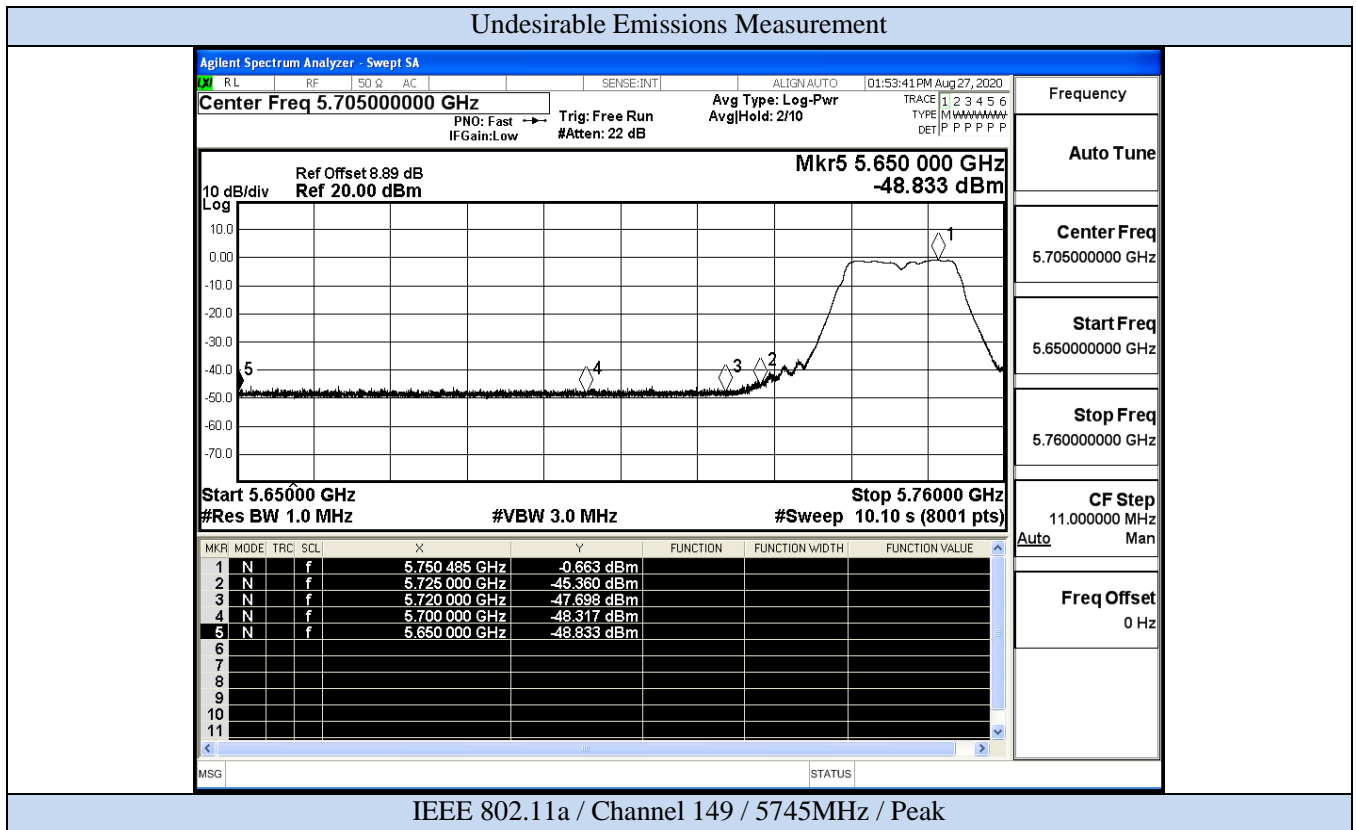
| | | | | | | | | |
|--|--|--------|--------|------|--------|---------|-------|------|
| | | 5925.0 | -48.82 | 6.00 | -42.82 | Peak | -27.0 | Pass |
| | | 5850.0 | -59.32 | 6.00 | -53.32 | Average | 27.0 | Pass |
| | | 5855.0 | -59.40 | 6.00 | -53.4 | Average | 15.6 | Pass |
| | | 5875.0 | -59.69 | 6.00 | -53.69 | Average | 10 | Pass |
| | | 5925.0 | -59.96 | 6.00 | -53.96 | Average | -27.0 | Pass |

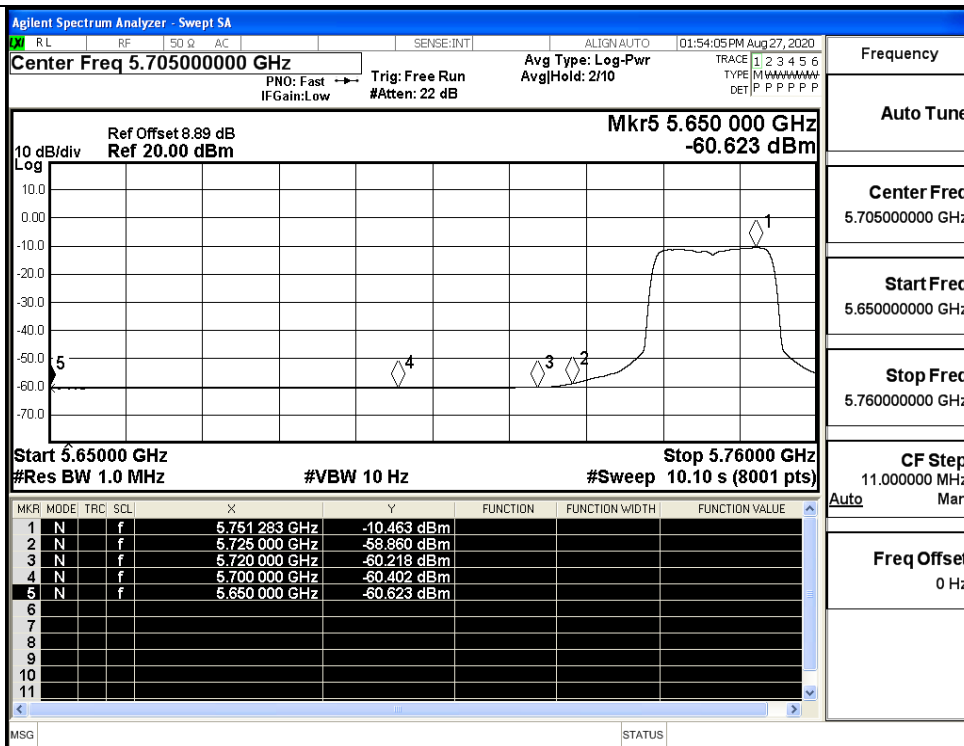
ANT1+ANT2:

| Test Mode | Channel | Frequency (MHz) | Covert Radiated E Level At 3m (dBuV/m) | | | Antenna Gain (dBi) | EIRP (dBm/MHz) | Detector | Limit (dBm/MHz) | Verdict |
|-------------|---------|-----------------|--|--------|--------|--------------------|----------------|----------|-----------------|---------|
| | | | Ant1 | Ant2 | Sum | | | | | |
| 11N20 MIMO | 149 | 5650.0 | -49.10 | -48.60 | -45.83 | 9.01 | -36.82 | Peak | -27.0 | Pass |
| | | 5650.0 | -60.72 | -60.76 | -57.73 | 9.01 | -48.72 | Average | -27.0 | Pass |
| | | 5700.0 | -47.74 | -48.83 | -45.24 | 9.01 | -36.23 | Peak | 10 | Pass |
| | | 5700.0 | -60.07 | -60.16 | -57.10 | 9.01 | -48.09 | Average | 10 | Pass |
| | | 5720.0 | -47.52 | -48.87 | -45.13 | 9.01 | -36.12 | Peak | 15.6 | Pass |
| | | 5720.0 | -60.48 | -60.51 | -57.48 | 9.01 | -48.47 | Average | 15.6 | Pass |
| | | 5725.0 | -40.38 | -47.90 | -39.67 | 9.01 | -30.66 | Peak | 27.0 | Pass |
| | 5725.0 | -57.70 | -59.82 | -55.62 | 9.01 | -46.61 | Average | 27.0 | Pass | |
| | 165 | 5850.0 | -47.31 | -48.31 | -44.77 | 9.01 | -35.76 | Peak | 27.0 | Pass |
| | | 5850.0 | -59.72 | -60.08 | -56.89 | 9.01 | -47.88 | Average | 27.0 | Pass |
| | | 5855.0 | -48.08 | -48.11 | -45.08 | 9.01 | -36.07 | Peak | 15.6 | Pass |
| | | 5855.0 | -60.05 | -60.23 | -57.13 | 9.01 | -48.12 | Average | 15.6 | Pass |
| | | 5875.0 | -48.33 | -48.38 | -45.34 | 9.01 | -36.33 | Peak | 10 | Pass |
| | | 5875.0 | -60.29 | -60.37 | -57.32 | 9.01 | -48.31 | Average | 10 | Pass |
| 5925.0 | | -47.79 | -48.64 | -45.18 | 9.01 | -36.17 | Peak | -27.0 | Pass | |
| 5925.0 | -60.47 | -60.65 | -57.55 | 9.01 | -48.54 | Average | -27.0 | Pass | | |
| 11N40 MIMO | 151 | 5650.0 | -48.03 | -48.87 | -45.42 | 9.01 | -36.41 | Peak | -27.0 | Pass |
| | | 5650.0 | -60.56 | -60.84 | -57.69 | 9.01 | -48.68 | Average | -27.0 | Pass |
| | | 5700.0 | -48.78 | -47.14 | -44.87 | 9.01 | -35.86 | Peak | 10 | Pass |
| | | 5700.0 | -60.41 | -60.46 | -57.42 | 9.01 | -48.41 | Average | 10 | Pass |
| | | 5720.0 | -46.25 | -47.87 | -43.97 | 9.01 | -34.96 | Peak | 15.6 | Pass |
| | | 5720.0 | -58.21 | -59.73 | -55.89 | 9.01 | -46.88 | Average | 15.6 | Pass |
| | | 5725.0 | -43.27 | -46.41 | -41.55 | 9.01 | -32.54 | Peak | 27.0 | Pass |
| | 5725.0 | -57.40 | -58.62 | -54.96 | 9.01 | -45.95 | Average | 27.0 | Pass | |
| | 159 | 5850.0 | -49.06 | -48.28 | -45.64 | 9.01 | -36.63 | Peak | 27.0 | Pass |
| | | 5850.0 | -59.74 | -59.82 | -56.77 | 9.01 | -47.76 | Average | 27.0 | Pass |
| | | 5855.0 | -48.23 | -48.95 | -45.56 | 9.01 | -36.55 | Peak | 15.6 | Pass |
| | | 5855.0 | -59.84 | -59.86 | -56.84 | 9.01 | -47.83 | Average | 15.6 | Pass |
| | | 5875.0 | -48.77 | -48.50 | -45.62 | 9.01 | -36.61 | Peak | 10 | Pass |
| | | 5875.0 | -60.02 | -60.02 | -57.01 | 9.01 | -48 | Average | 10 | Pass |
| 5925.0 | | -49.45 | -49.23 | -46.33 | 9.01 | -37.32 | Peak | -27.0 | Pass | |
| 5925.0 | -60.16 | -60.31 | -57.22 | 9.01 | -48.21 | Average | -27.0 | Pass | | |
| 11AC20 MIMO | 149 | 5650.0 | -46.39 | -48.67 | -44.37 | 9.01 | -35.36 | Peak | -27.0 | Pass |
| | | 5650.0 | -60.51 | -60.80 | -57.64 | 9.01 | -48.63 | Average | -27.0 | Pass |
| | | 5700.0 | -48.18 | -48.66 | -45.40 | 9.01 | -36.39 | Peak | 10 | Pass |
| | | 5700.0 | -59.80 | -60.17 | -56.97 | 9.01 | -47.96 | Average | 10 | Pass |
| | | 5720.0 | -46.49 | -48.68 | -44.44 | 9.01 | -35.43 | Peak | 15.6 | Pass |
| | | 5720.0 | -60.30 | -60.47 | -57.37 | 9.01 | -48.36 | Average | 15.6 | Pass |
| | | 5725.0 | -38.47 | -47.98 | -38.01 | 9.01 | -29 | Peak | 27.0 | Pass |
| | 5725.0 | -56.85 | -59.81 | -55.07 | 9.01 | -46.06 | Average | 27.0 | Pass | |
| | 165 | 5850.0 | -47.54 | -47.67 | -44.59 | 9.01 | -35.58 | Peak | 27.0 | Pass |
| | | 5850.0 | -59.59 | -60.07 | -56.81 | 9.01 | -47.8 | Average | 27.0 | Pass |
| | | 5855.0 | -49.14 | -47.38 | -45.16 | 9.01 | -36.15 | Peak | 15.6 | Pass |
| | | 5855.0 | -60.08 | -60.21 | -57.13 | 9.01 | -48.12 | Average | 15.6 | Pass |
| | | 5875.0 | -49.42 | -48.59 | -45.97 | 9.01 | -36.96 | Peak | 10 | Pass |
| | | 5875.0 | -60.30 | -60.38 | -57.33 | 9.01 | -48.32 | Average | 10 | Pass |
| 5925.0 | | -47.29 | -48.65 | -44.91 | 9.01 | -35.9 | Peak | -27.0 | Pass | |
| 5925.0 | -60.46 | -60.62 | -57.53 | 9.01 | -48.52 | Average | -27.0 | Pass | | |
| 11AC40 MIMO | 151 | 5650.0 | -49.05 | -48.83 | -45.93 | 9.01 | -36.92 | Peak | -27.0 | Pass |
| | | 5650.0 | -60.57 | -60.65 | -57.60 | 9.01 | -48.59 | Average | -27.0 | Pass |
| | | 5700.0 | -49.26 | -47.99 | -45.57 | 9.01 | -36.56 | Peak | 10 | Pass |
| | | 5700.0 | -60.38 | -60.13 | -57.24 | 9.01 | -48.23 | Average | 10 | Pass |
| | | 5720.0 | -42.41 | -47.39 | -41.21 | 9.01 | -32.2 | Peak | 15.6 | Pass |
| | | 5720.0 | -57.58 | -58.99 | -55.22 | 9.01 | -46.21 | Average | 15.6 | Pass |
| | | 5725.0 | -43.16 | -44.92 | -40.94 | 9.01 | -31.93 | Peak | 27.0 | Pass |
| | 5725.0 | -56.66 | -57.83 | -54.20 | 9.01 | -45.19 | Average | 27.0 | Pass | |
| | 159 | 5850.0 | -48.67 | -49.12 | -45.88 | 9.01 | -36.87 | Peak | 27.0 | Pass |
| | | 5850.0 | -59.75 | -59.85 | -56.79 | 9.01 | -47.78 | Average | 27.0 | Pass |
| 5855.0 | | -48.51 | -48.83 | -45.66 | 9.01 | -36.65 | Peak | 15.6 | Pass | |

| | | | | | | | | | | |
|----------------|--------|--------|--------|--------|--------|---------|--------|---------|-------|------|
| 11AC80 MIMO | 155 | 5855.0 | -59.81 | -59.88 | -56.83 | 9.01 | -47.82 | Average | 15.6 | Pass |
| | | 5875.0 | -48.66 | -49.13 | -45.88 | 9.01 | -36.87 | Peak | 10 | Pass |
| | | 5875.0 | -59.97 | -60.02 | -56.98 | 9.01 | -47.97 | Average | 10 | Pass |
| | | 5925.0 | -49.09 | -48.34 | -45.69 | 9.01 | -36.68 | Peak | -27.0 | Pass |
| | | 5925.0 | -60.12 | -60.31 | -57.20 | 9.01 | -48.19 | Average | -27.0 | Pass |
| | | 5725.0 | -45.30 | -48.14 | -43.48 | 9.01 | -34.47 | Peak | 27.0 | Pass |
| | | 5720.0 | -46.92 | -48.84 | -44.76 | 9.01 | -35.75 | Peak | 15.6 | Pass |
| | | 5700.0 | -48.80 | -48.49 | -45.63 | 9.01 | -36.62 | Peak | 10 | Pass |
| | | 5650.0 | -47.45 | -48.82 | -45.07 | 9.01 | -36.06 | Peak | -27.0 | Pass |
| | | 5725.0 | -57.92 | -59.32 | -55.55 | 9.01 | -46.54 | Average | 27.0 | Pass |
| | | 5720.0 | -58.24 | -59.40 | -55.77 | 9.01 | -46.76 | Average | 15.6 | Pass |
| | | 5700.0 | -59.35 | -59.69 | -56.51 | 9.01 | -47.5 | Average | 10 | Pass |
| | | 5650.0 | -59.76 | -59.96 | -56.85 | 9.01 | -47.84 | Average | -27.0 | Pass |
| | | 5850.0 | -45.30 | -48.14 | -43.48 | 9.01 | -34.47 | Peak | 27.0 | Pass |
| | | 5855.0 | -46.92 | -48.84 | -44.76 | 9.01 | -35.75 | Peak | 15.6 | Pass |
| | | 5875.0 | -48.80 | -48.49 | -45.63 | 9.01 | -36.62 | Peak | 10 | Pass |
| | | 5925.0 | -47.45 | -48.82 | -45.07 | 9.01 | -36.06 | Peak | -27.0 | Pass |
| | | 5850.0 | -57.92 | -59.32 | -55.55 | 9.01 | -46.54 | Average | 27.0 | Pass |
| | | 5855.0 | -58.24 | -59.40 | -55.77 | 9.01 | -46.76 | Average | 15.6 | Pass |
| | | 5875.0 | -59.35 | -59.69 | -56.51 | 9.01 | -47.5 | Average | 10 | Pass |
| 5925.0 | -59.76 | -59.96 | -56.85 | 9.01 | -47.84 | Average | -27.0 | Pass | | |

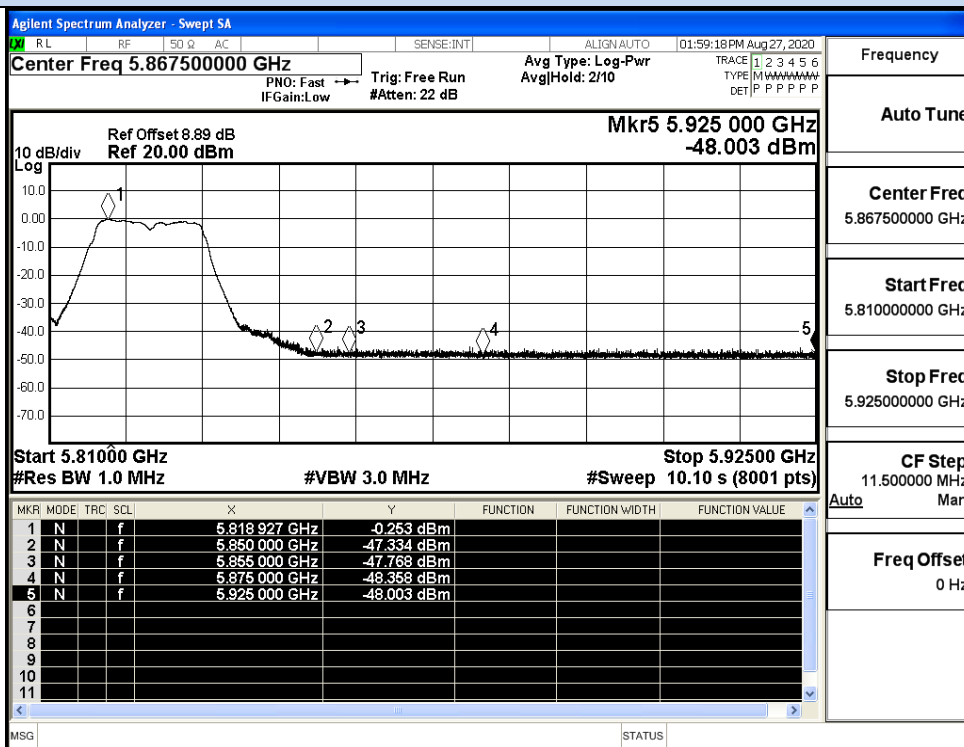
ANT 1



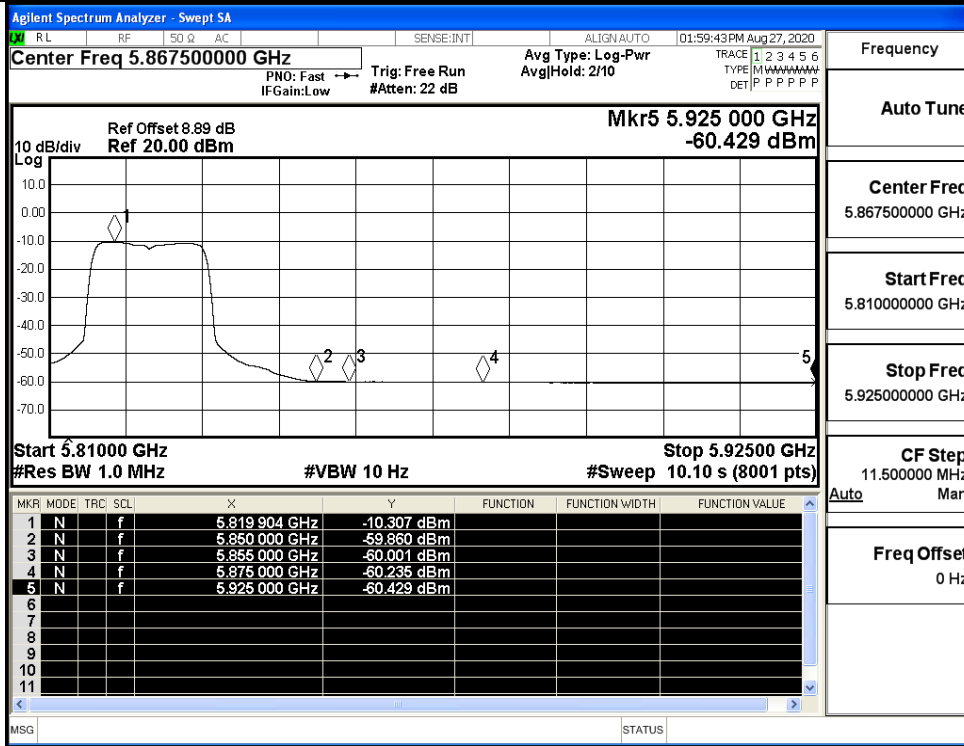


IEEE 802.11a / Channel 148 / 5745MHz / Average

Undesirable Emissions Measurement

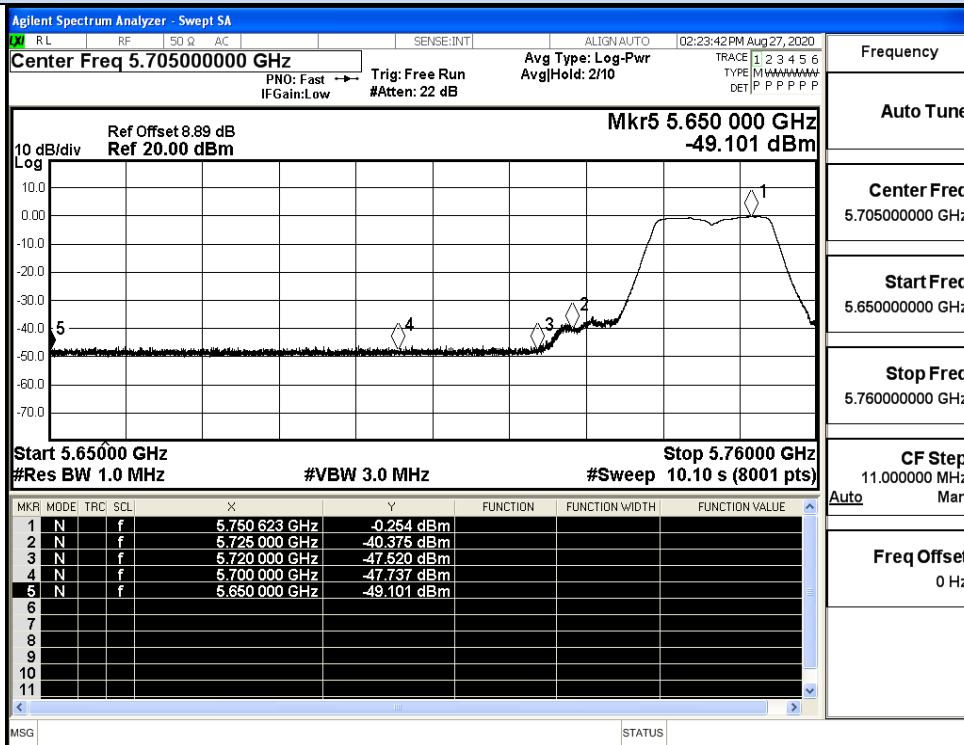


IEEE 802.11a / Channel 165 / 5825MHz / Peak

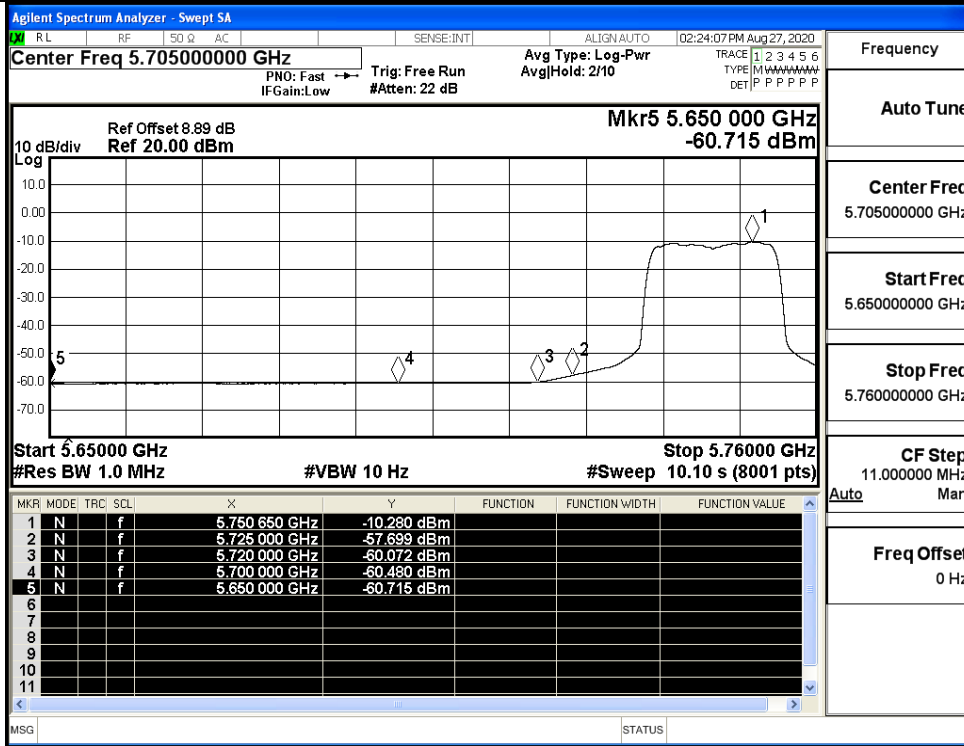


IEEE 802.11a / Channel 165 / 5825MHz / Average

Undesirable Emissions Measurement

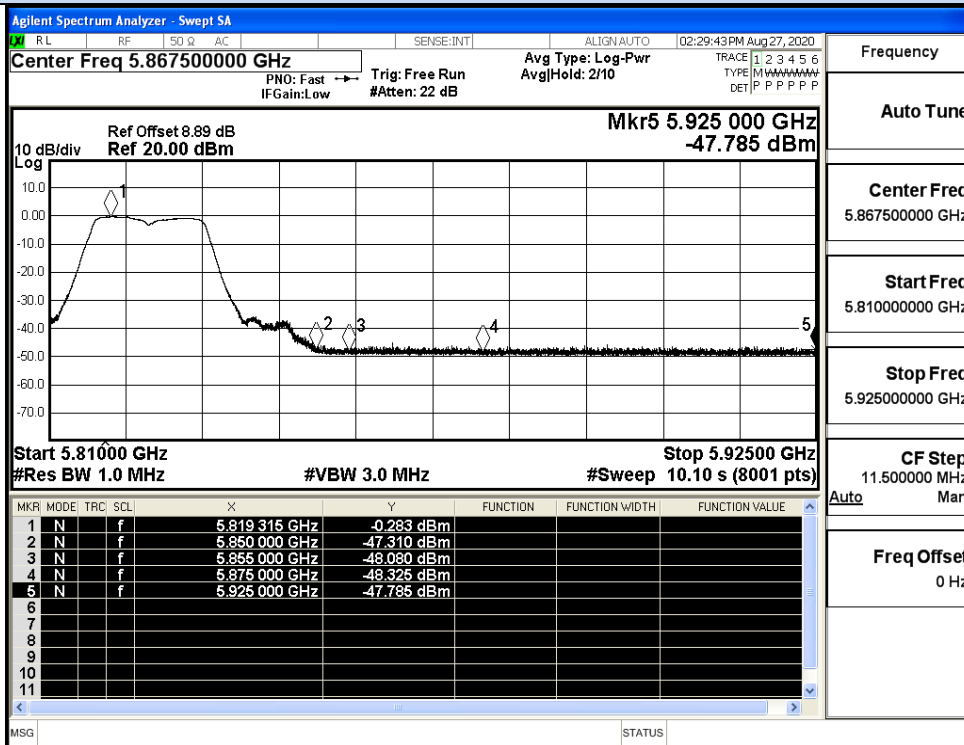


IEEE 802.11n20 / Channel 149 / 5745MHz / Peak

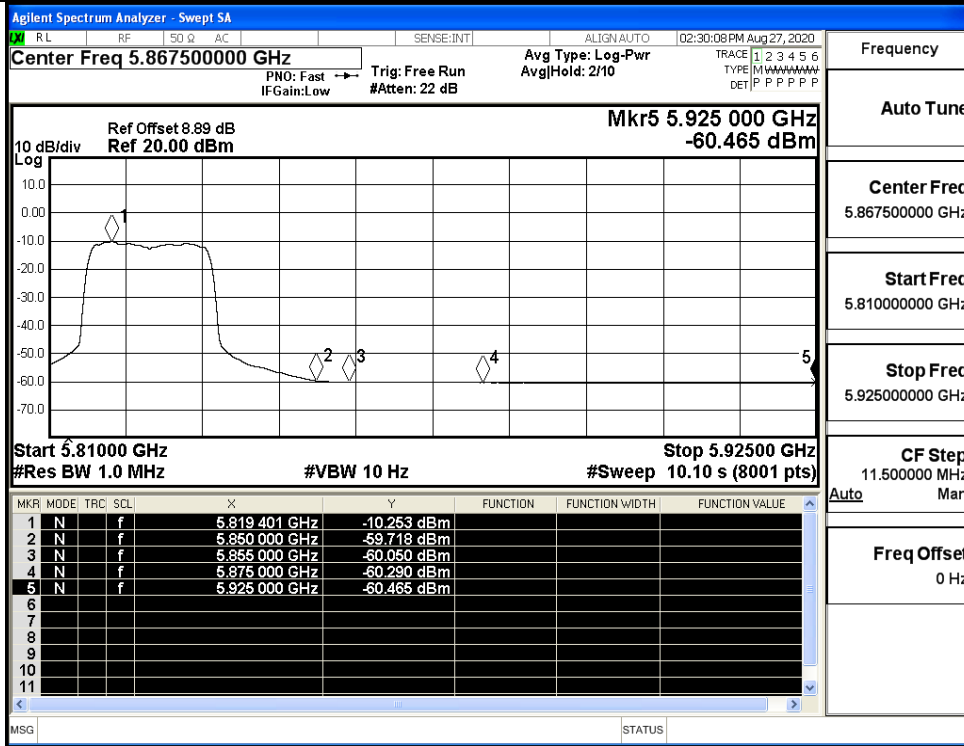


IEEE 802.11n20 / Channel 149 / 5745MHz / Average

Undesirable Emissions Measurement

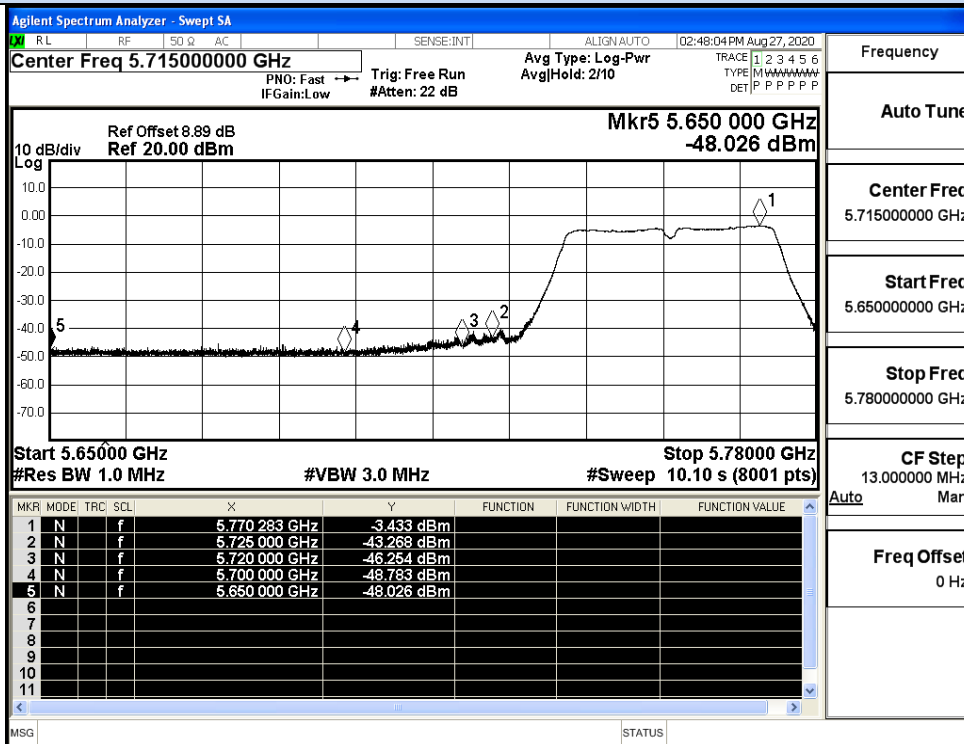


IEEE 802.11n20 / Channel 165 / 5825MHz / Peak

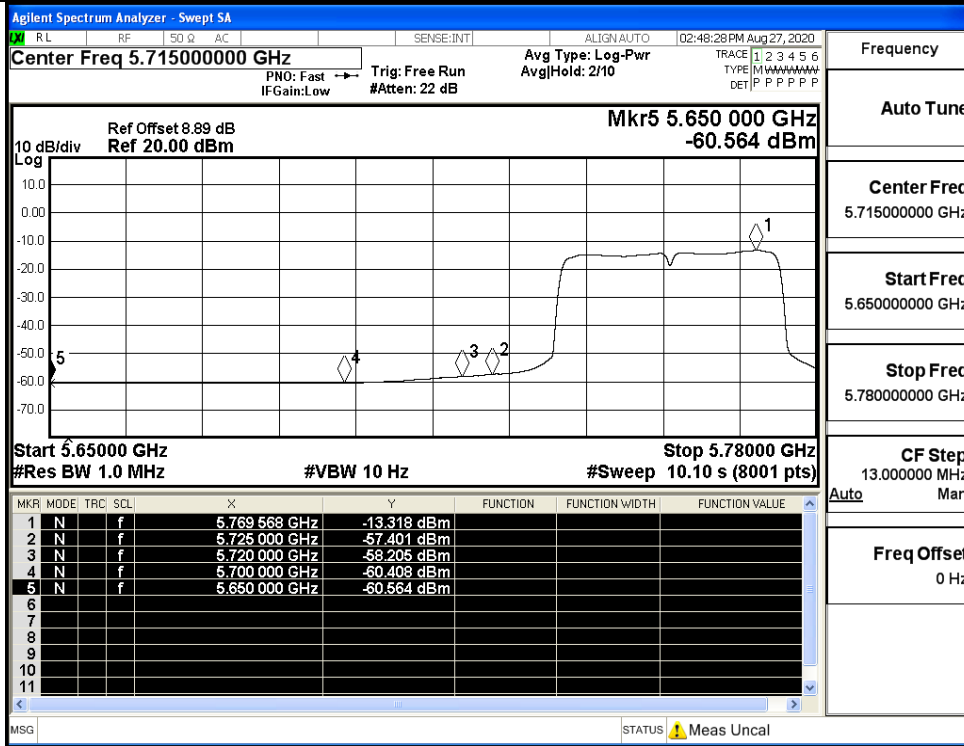


IEEE 802.11n20 / Channel 165 / 5825MHz / Average

Undesirable Emissions Measurement

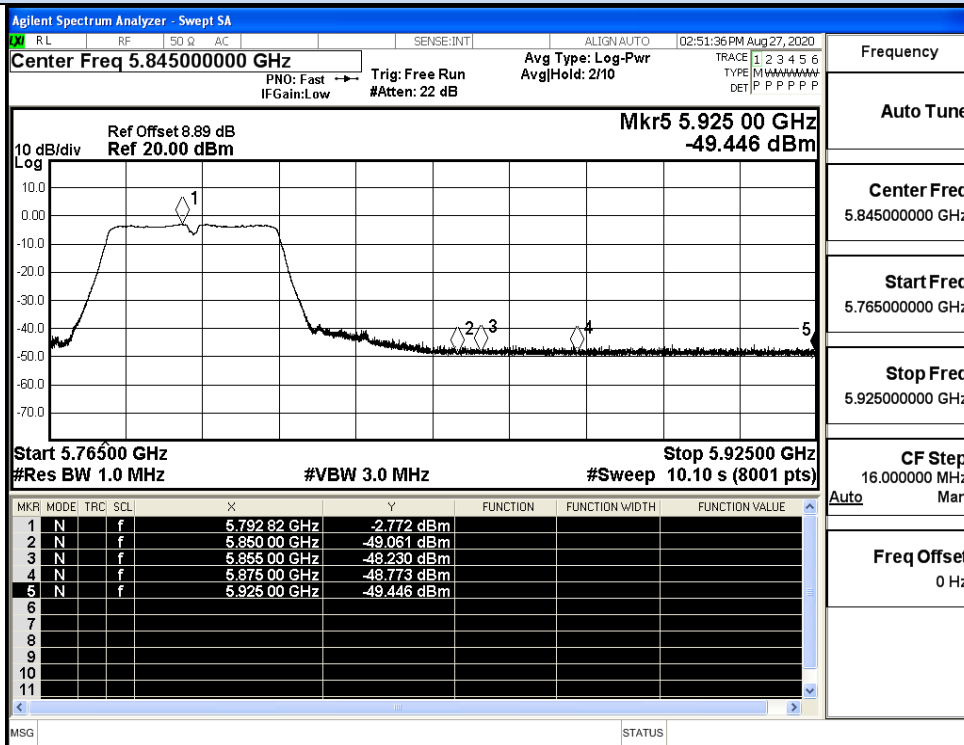


IEEE 802.11n40 / Channel 151 / 5755MHz / Peak

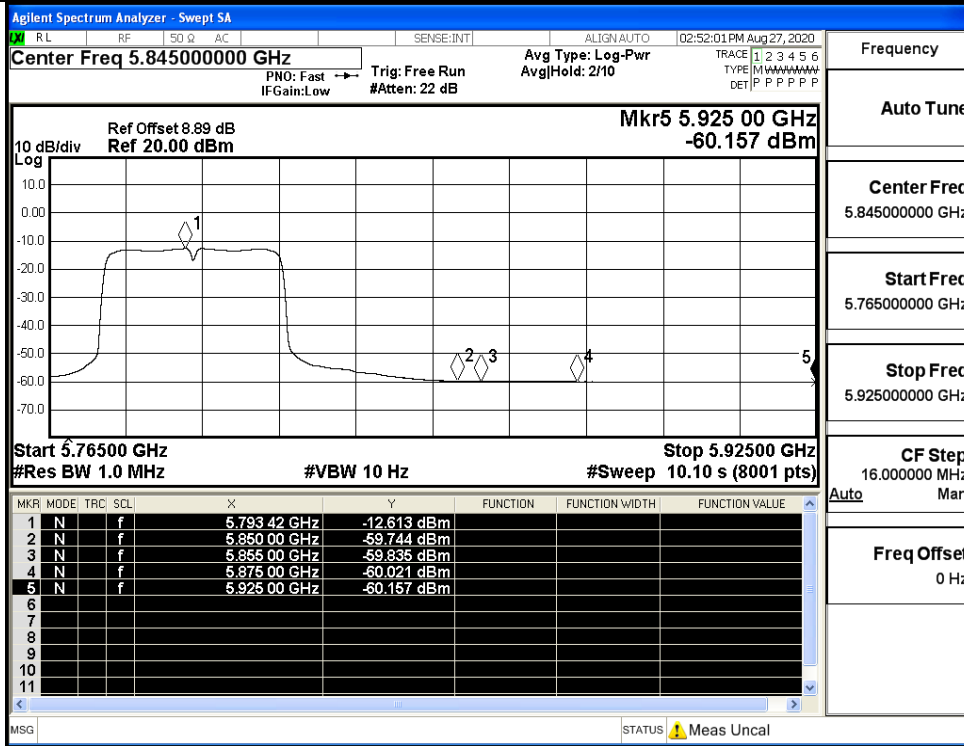


IEEE 802.11n40 / Channel 151 / 5755MHz / Average

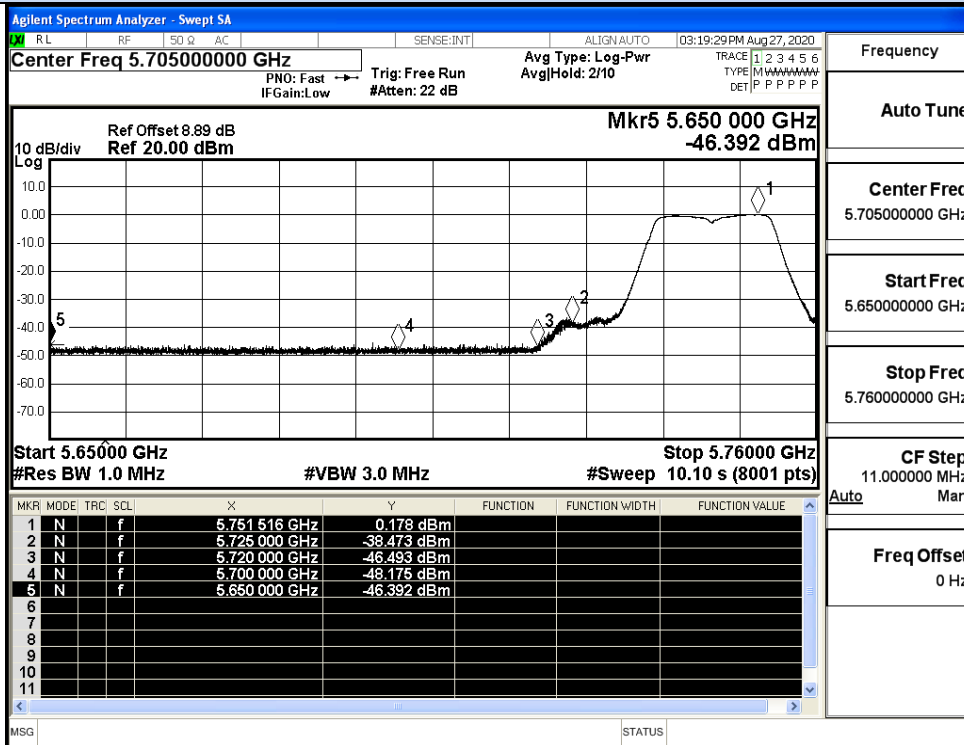
Undesirable Emissions Measurement



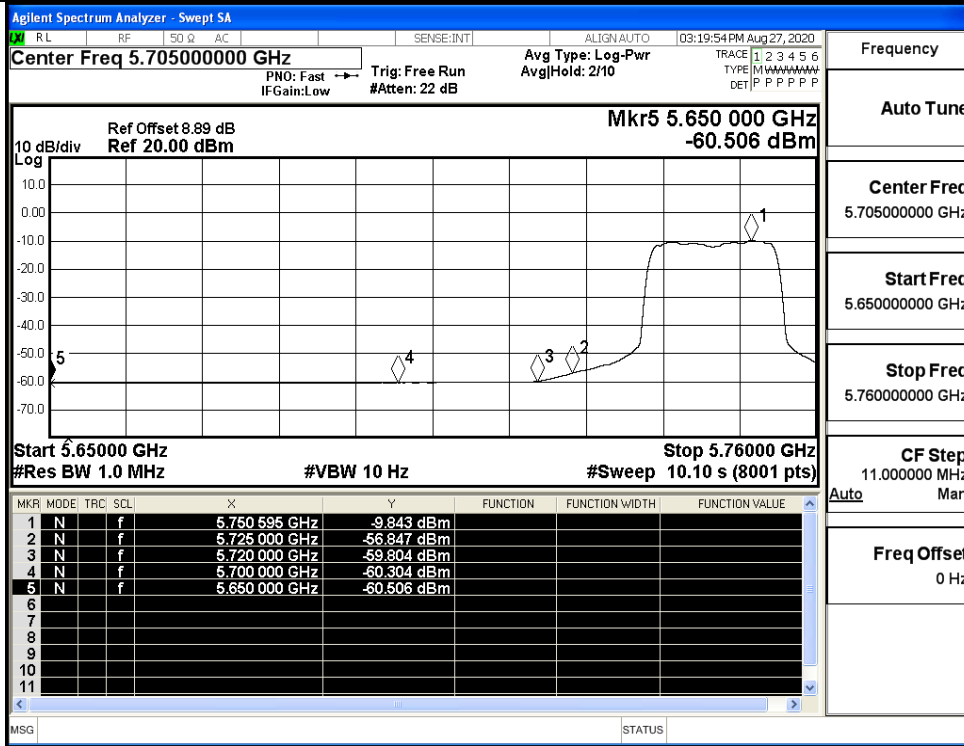
IEEE 802.11n40 / Channel 159 / 5795MHz / Peak



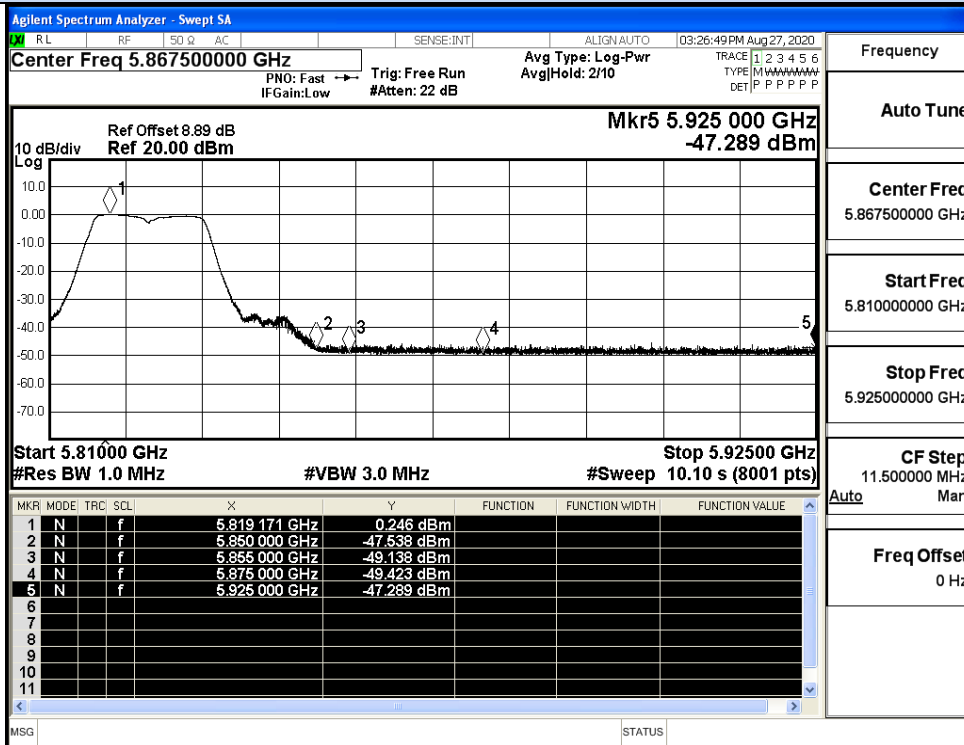
IEEE 802.11n40 / Channel 159 / 5795MHz / Average



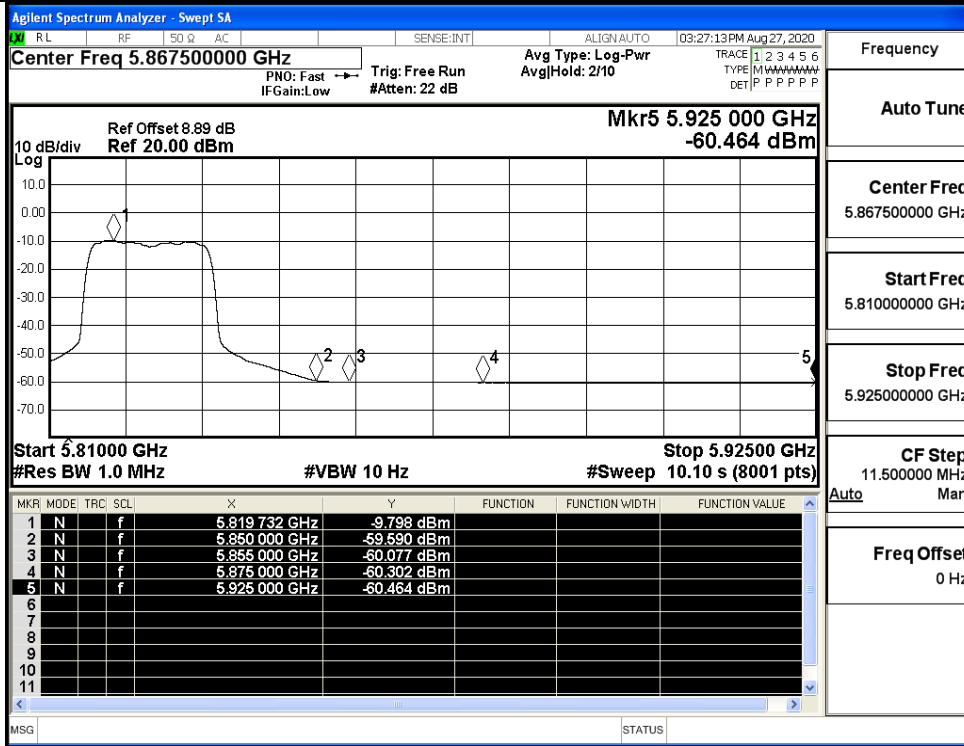
IEEE 802.11ac20 / Channel 149 / 5745MHz / Peak



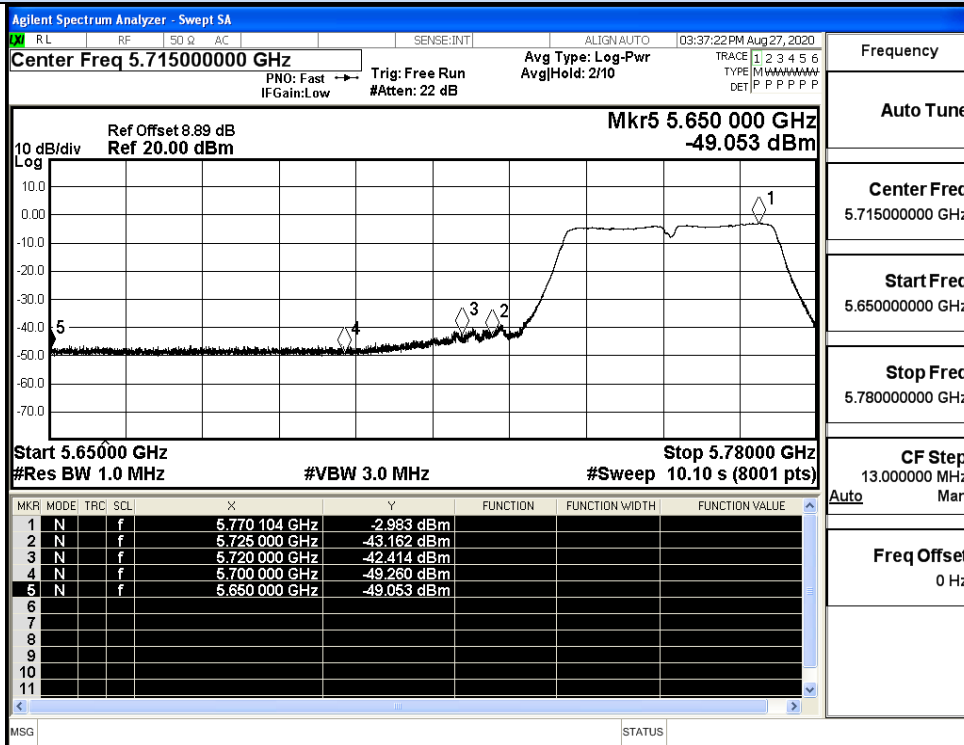
IEEE 802.11ac20 / Channel 149 / 5745MHz / Average



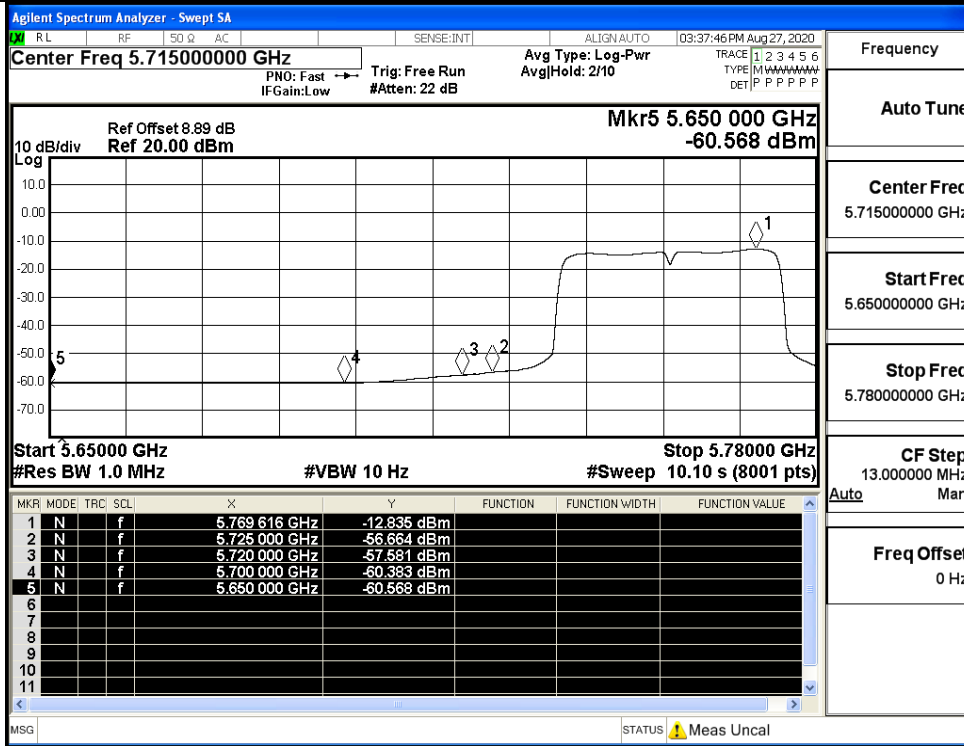
IEEE 802.11ac20 / Channel 165 / 5825MHz / Peak



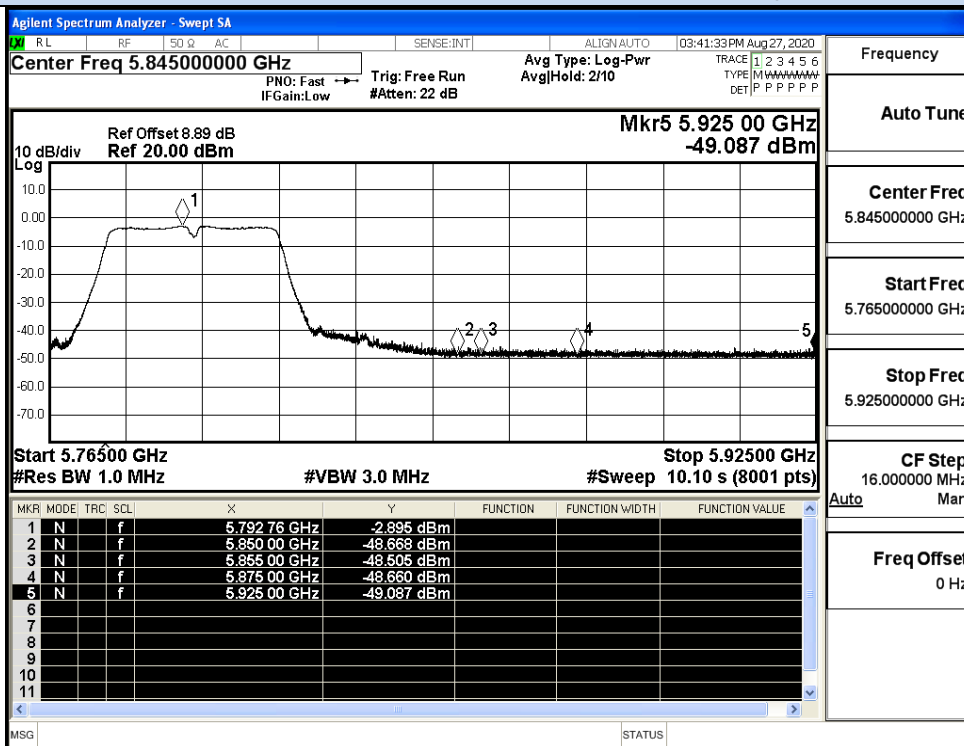
IEEE 802.11ac20 / Channel 165 / 5825MHz / Average



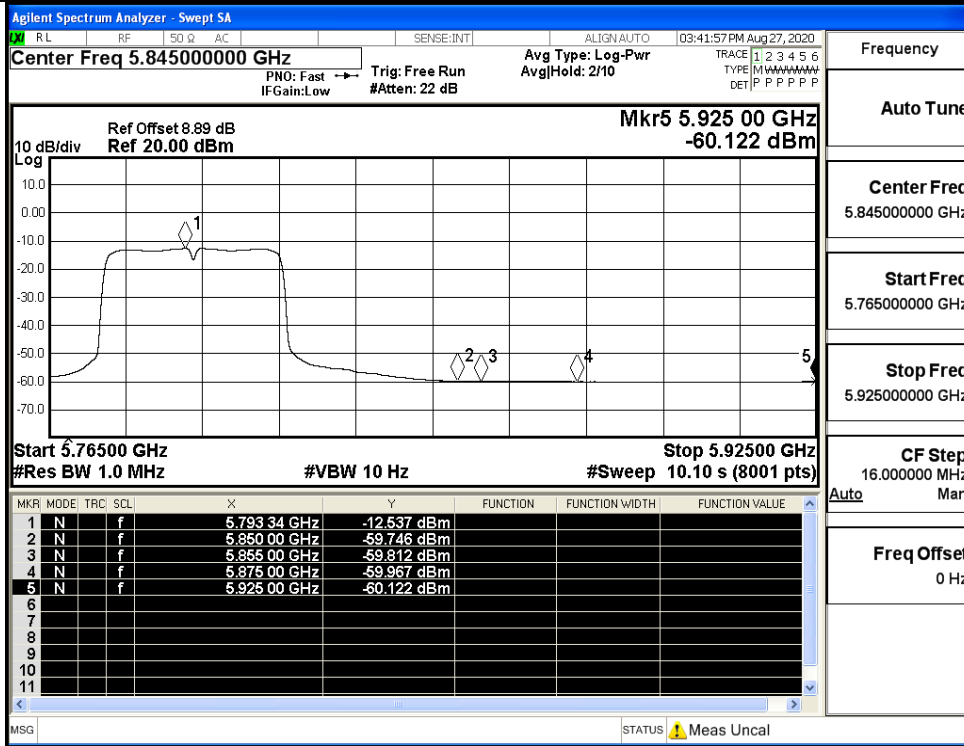
IEEE 802.11ac40 / Channel 151 / 5755MHz / Peak



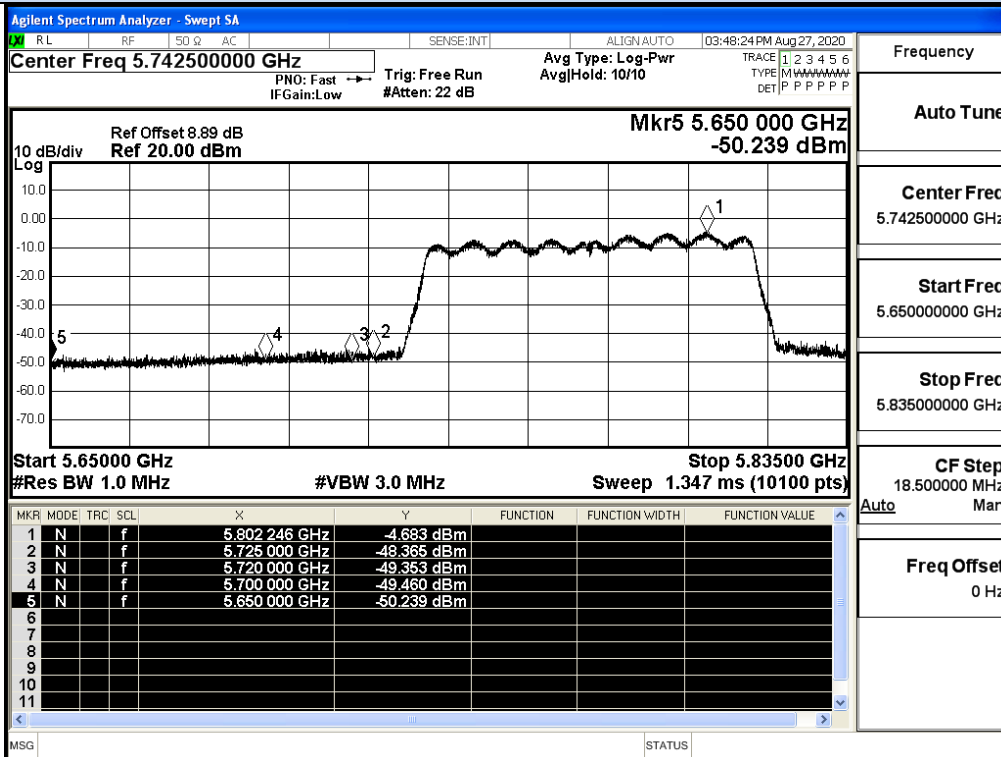
IEEE 802.11ac40 / Channel 151 / 5755MHz / Average



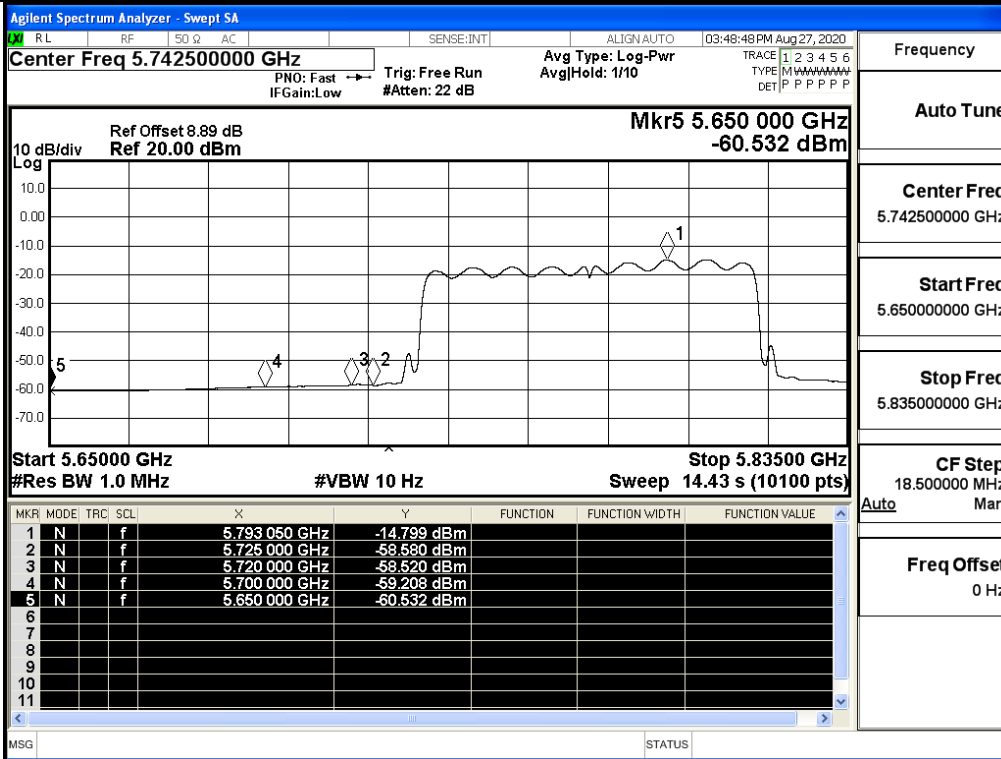
IEEE 802.11ac40 / Channel 159 / 5795MHz / Peak



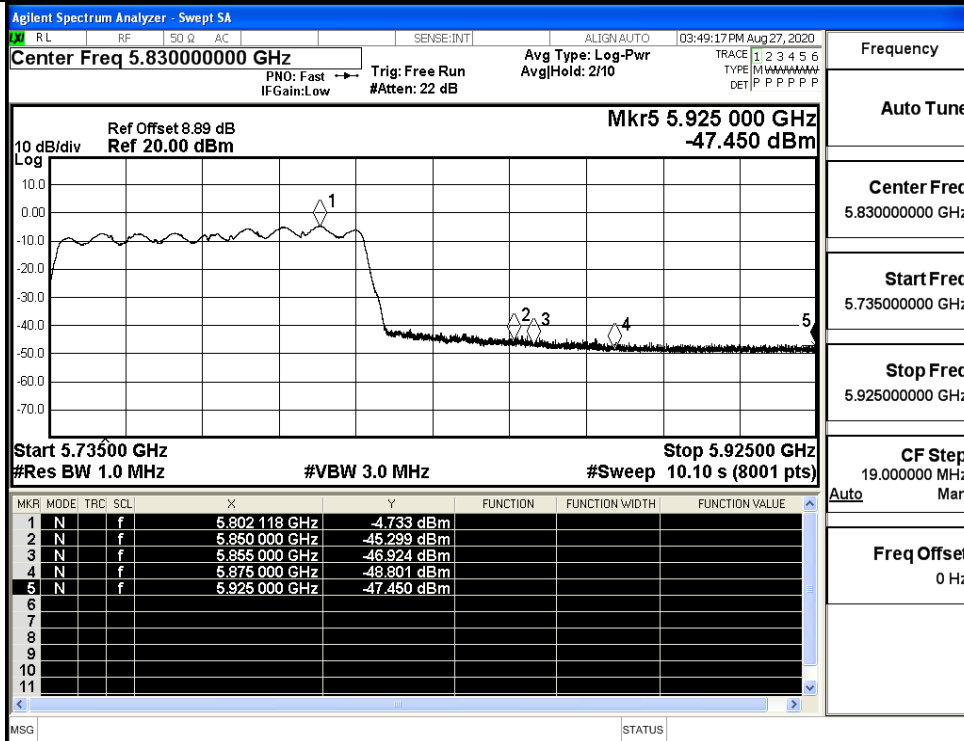
IEEE 802.11ac40 / Channel 159 / 5795MHz / Average



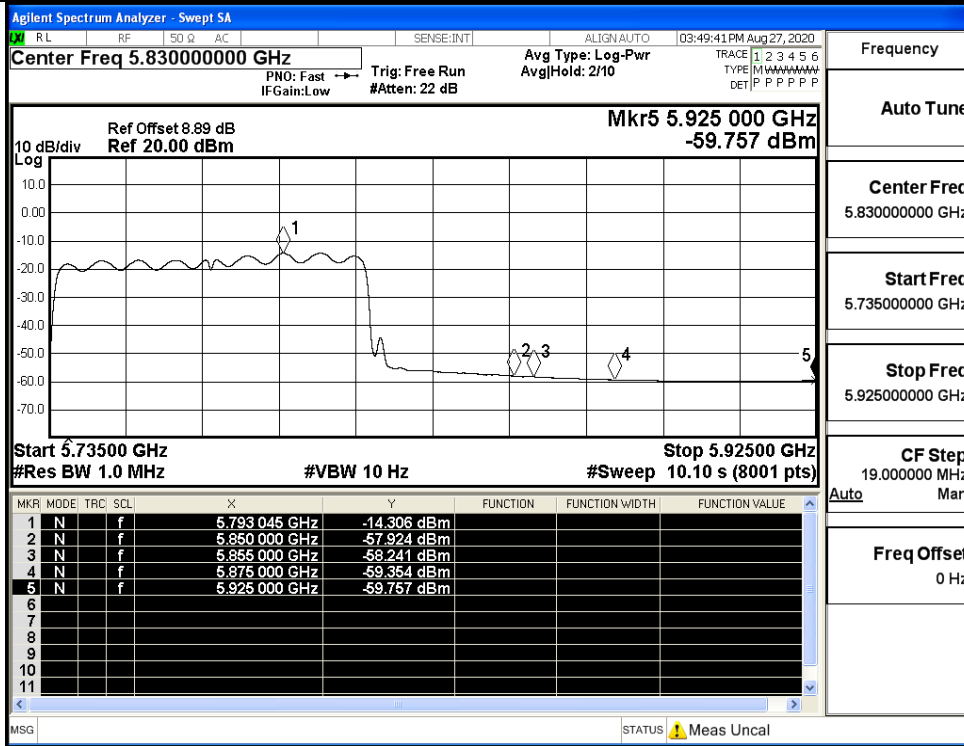
IEEE 802.11ac80 / Channel 155 / 5775MHz / Peak



IEEE 802.11ac80 / Channel 155 / 5775MHz / Average



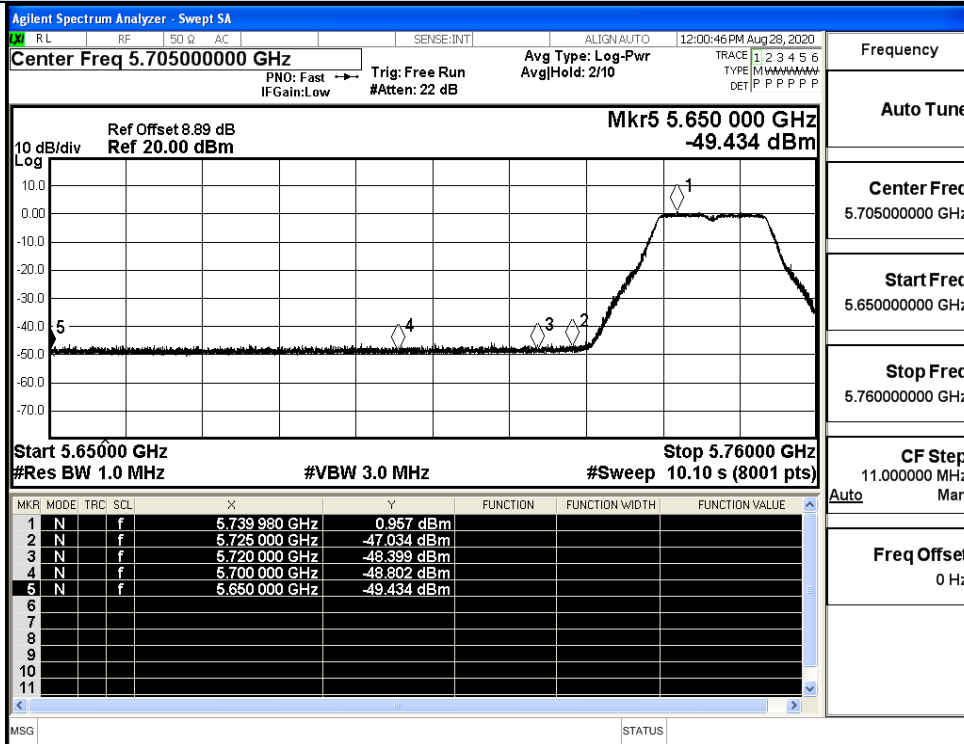
IEEE 802.11ac80 / Channel 155/ 5775MHz / Peak



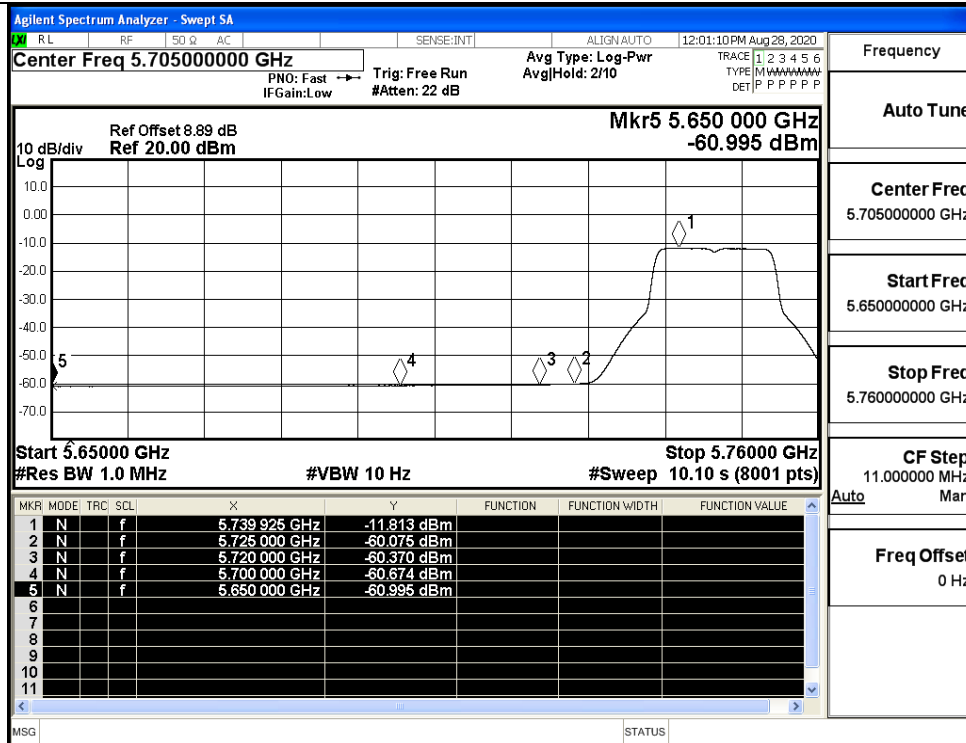
IEEE 802.11ac80 / Channel 155 / 5775MHz / Average

ANT 2

Undesirable Emissions Measurement

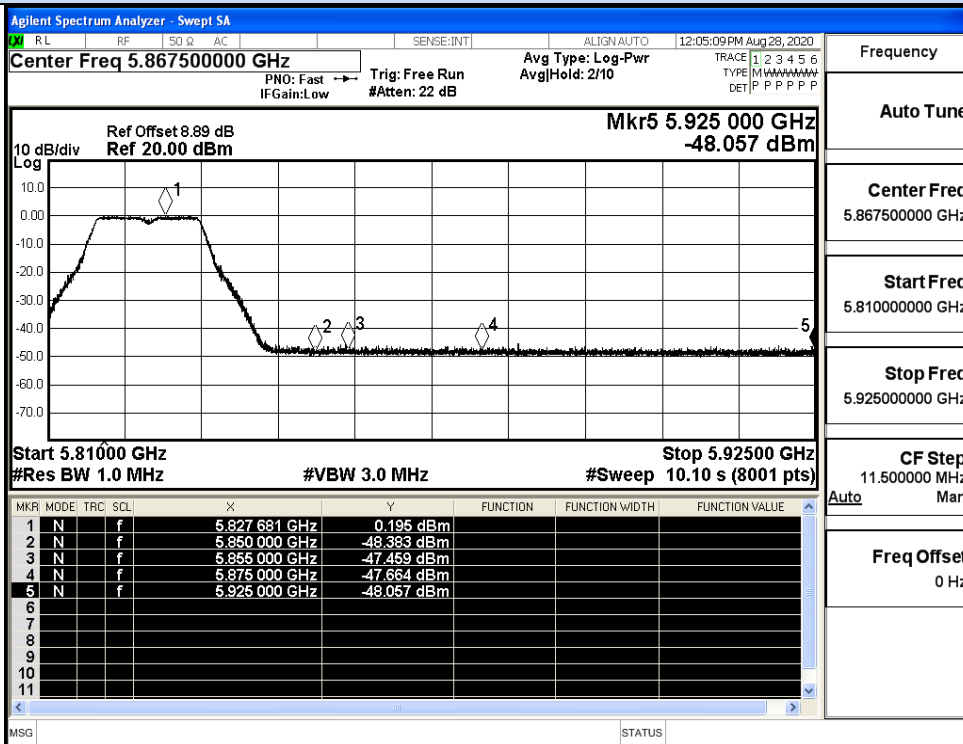


IEEE 802.11a / Channel 149 / 5745MHz / Peak

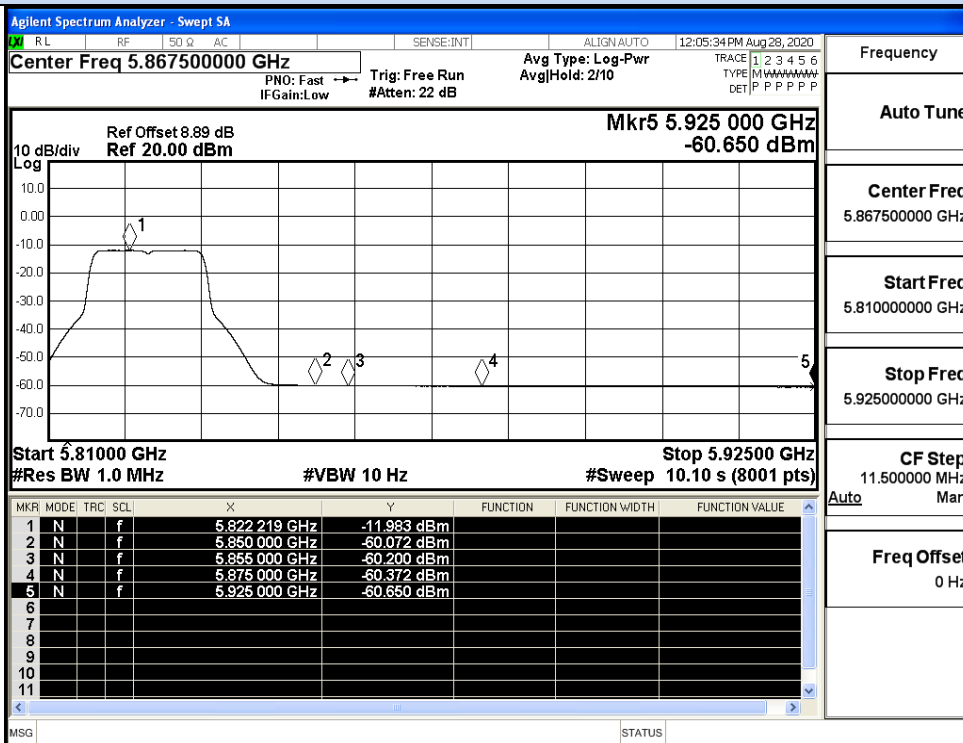


IEEE 802.11a / Channel 148 / 5745MHz / Average

Undesirable Emissions Measurement

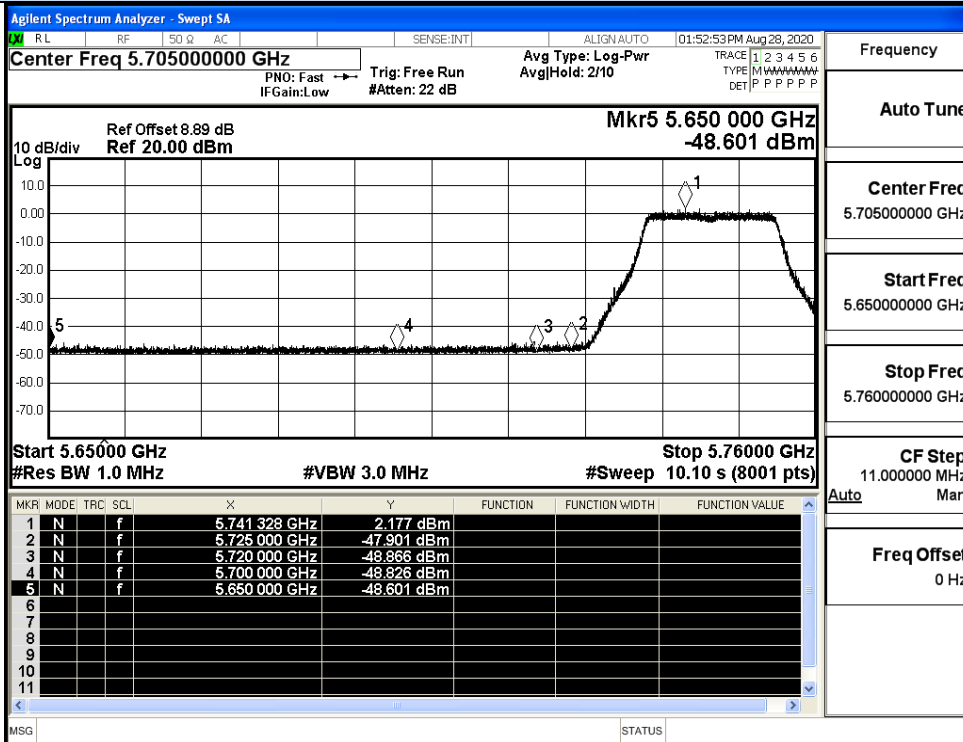


IEEE 802.11a / Channel 165 / 5825MHz / Peak

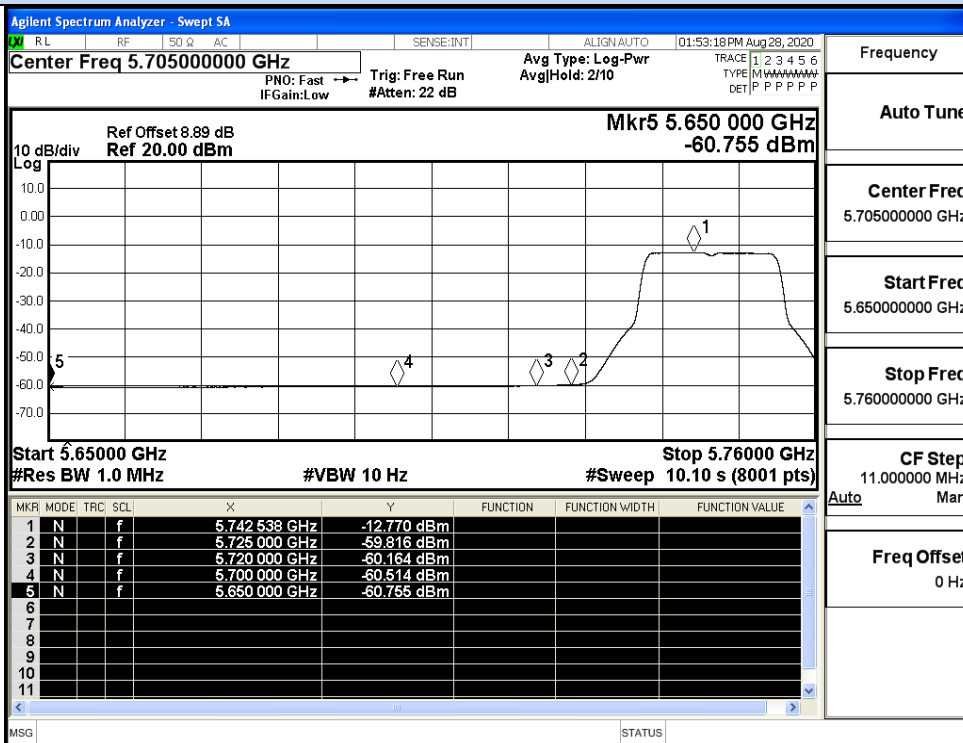


IEEE 802.11a / Channel 165 / 5825MHz / Average

Undesirable Emissions Measurement

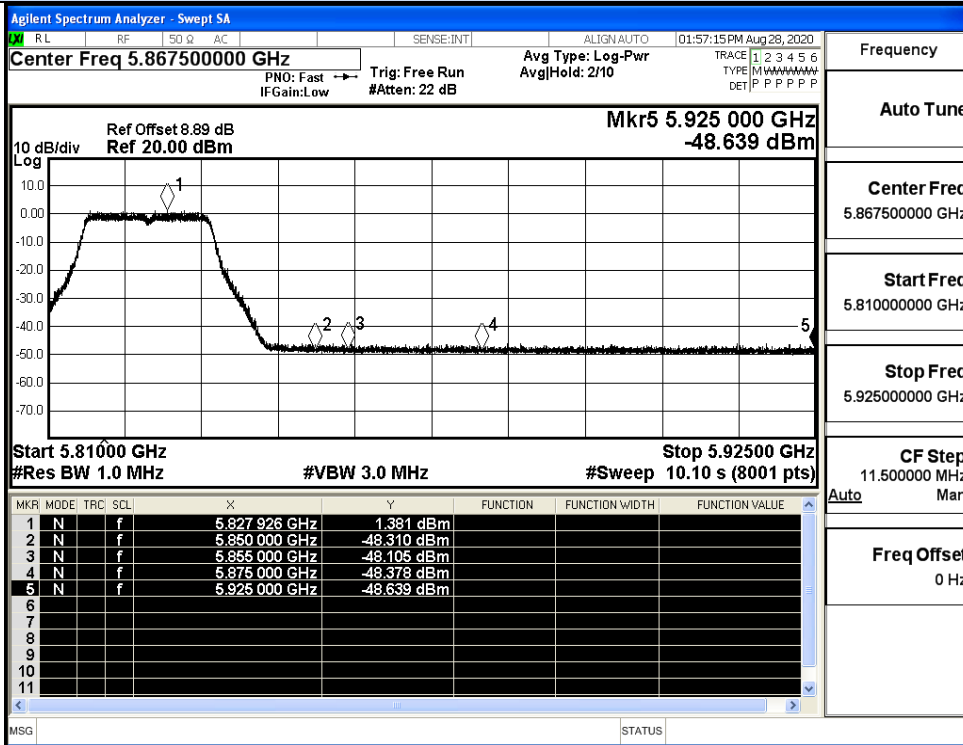


IEEE 802.11n20 / Channel 149 / 5745MHz / Peak

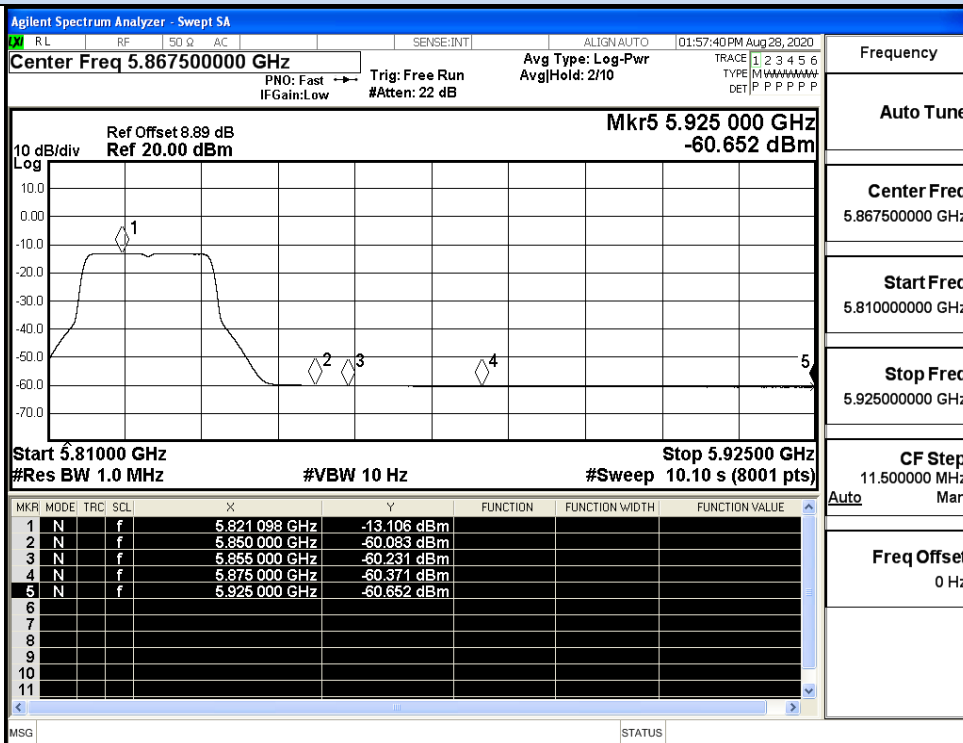


IEEE 802.11n20 / Channel 149 / 5745MHz / Average

Undesirable Emissions Measurement

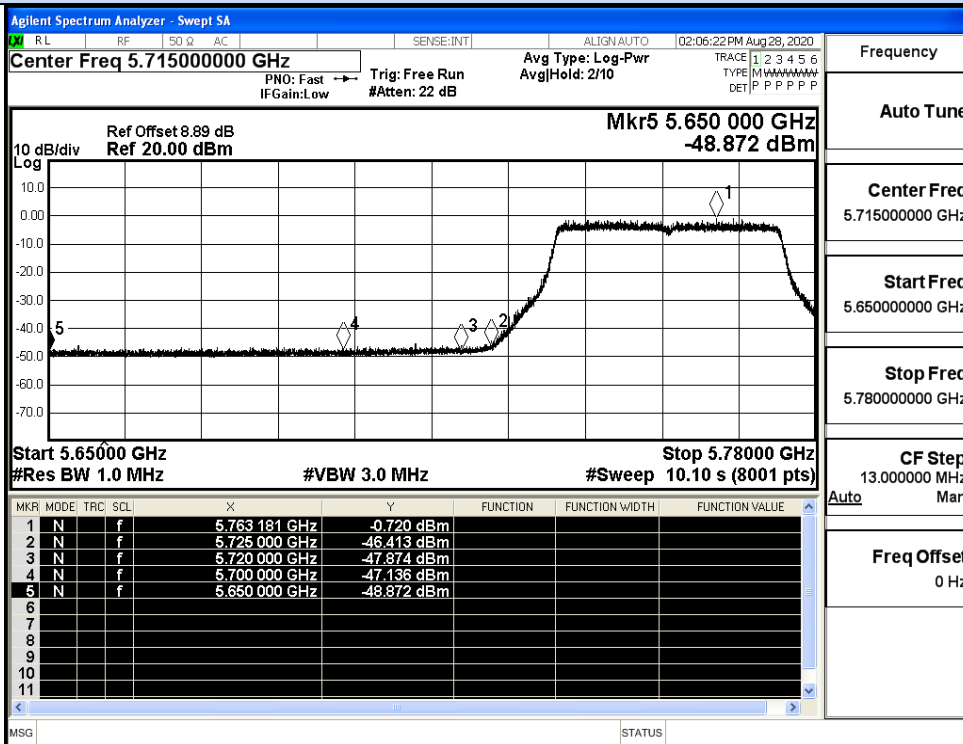


IEEE 802.11n20 / Channel 165 / 5825MHz / Peak

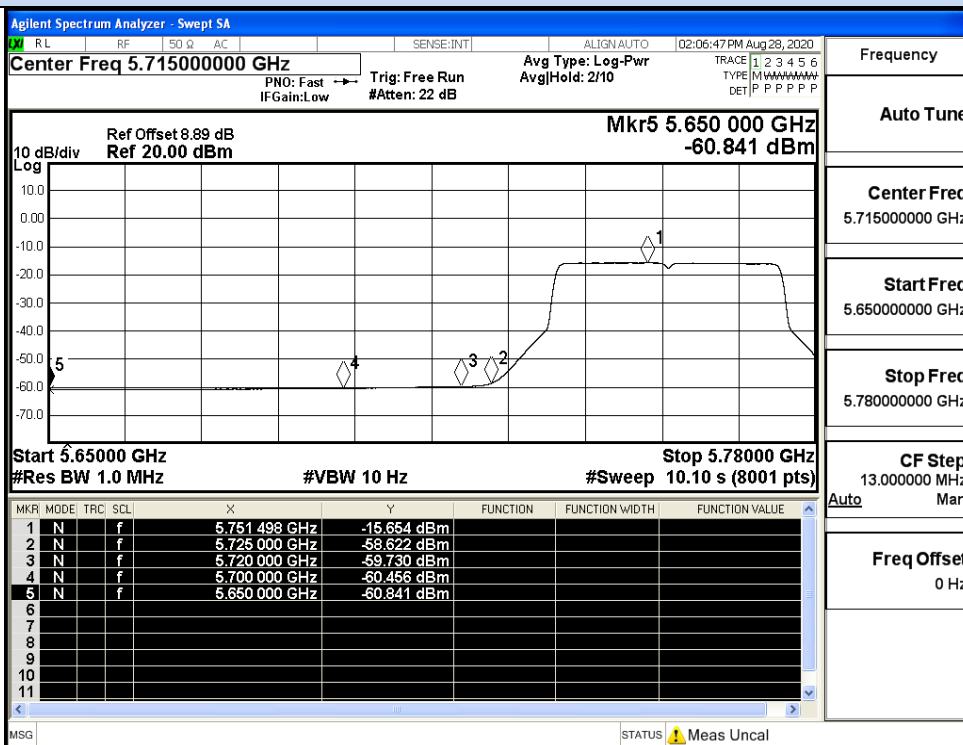


IEEE 802.11n20 / Channel 165 / 5825MHz / Average

Undesirable Emissions Measurement

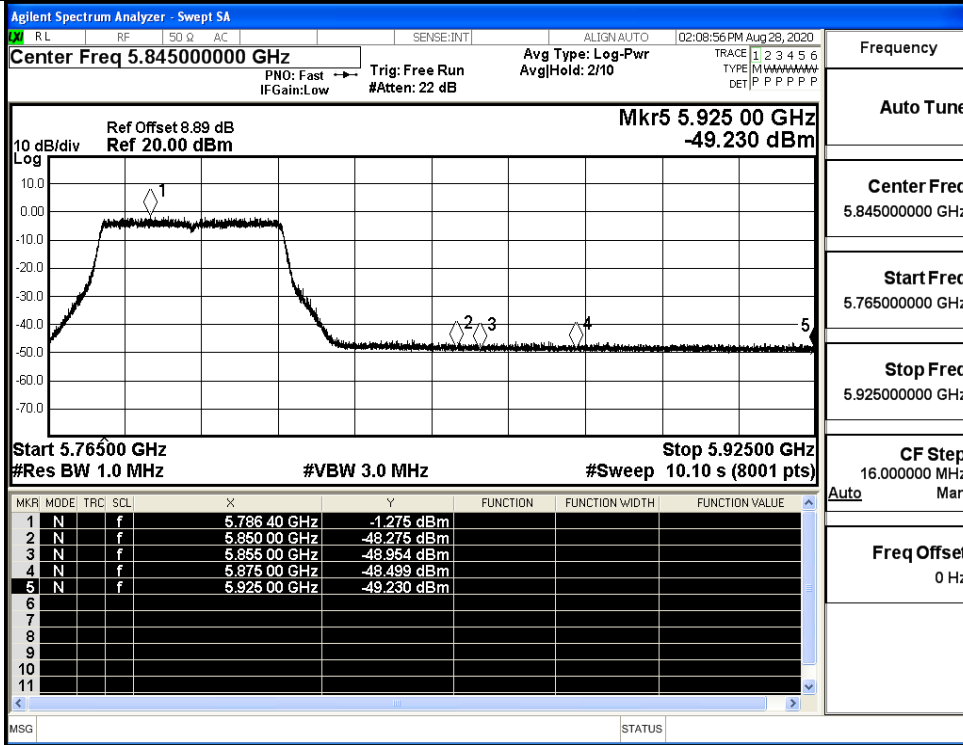


IEEE 802.11n40 / Channel 151 / 5755MHz / Peak

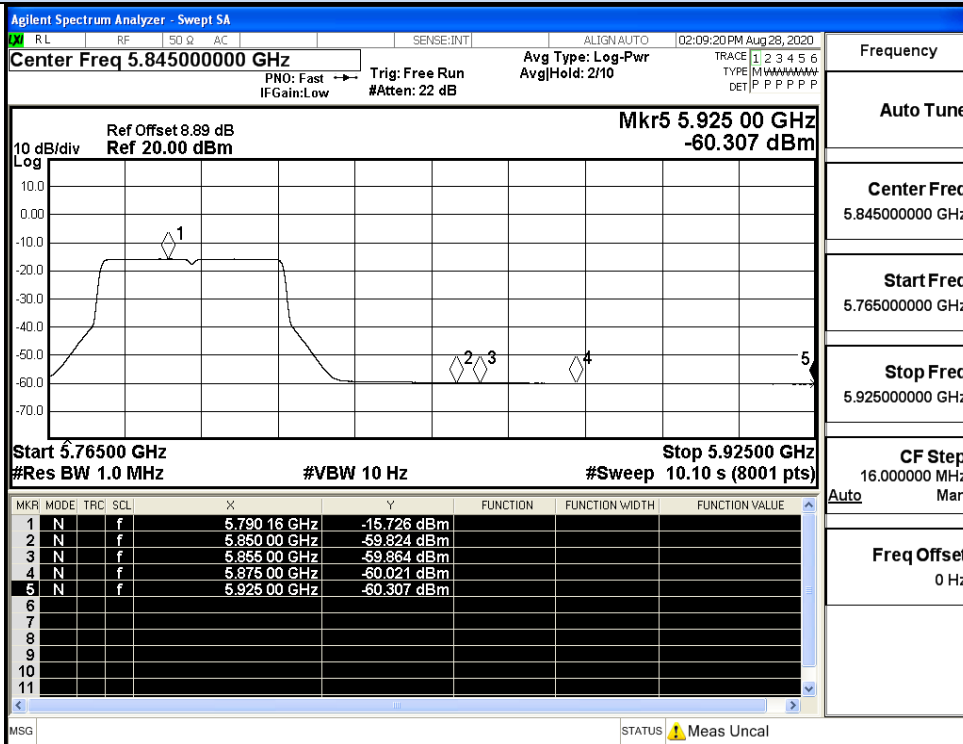


IEEE 802.11n40 / Channel 151 / 5755MHz / Average

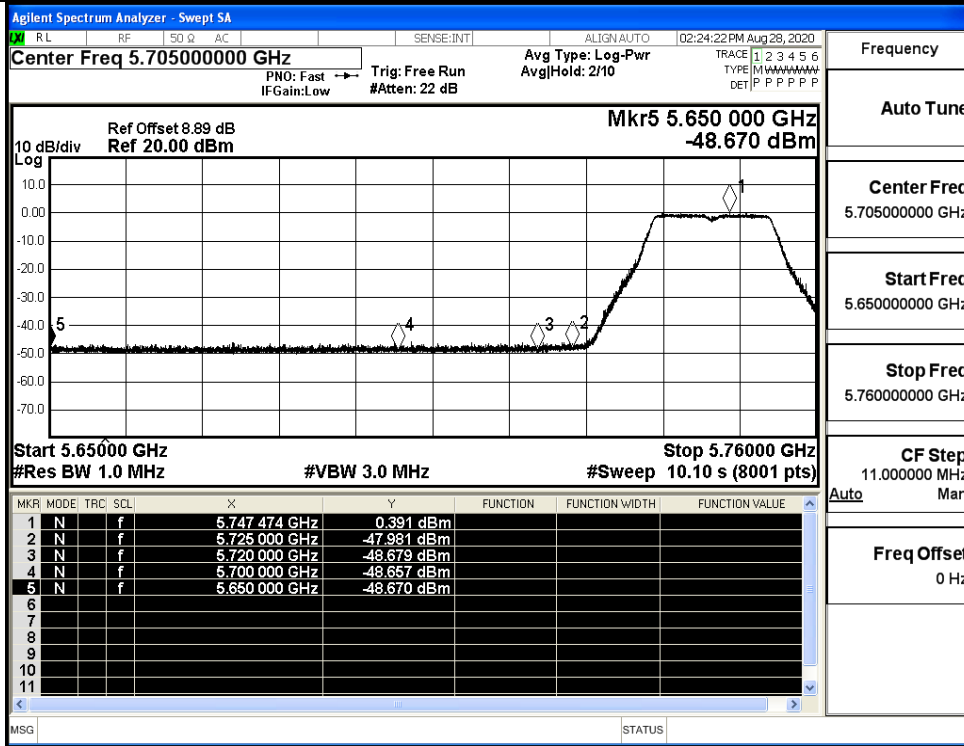
Undesirable Emissions Measurement



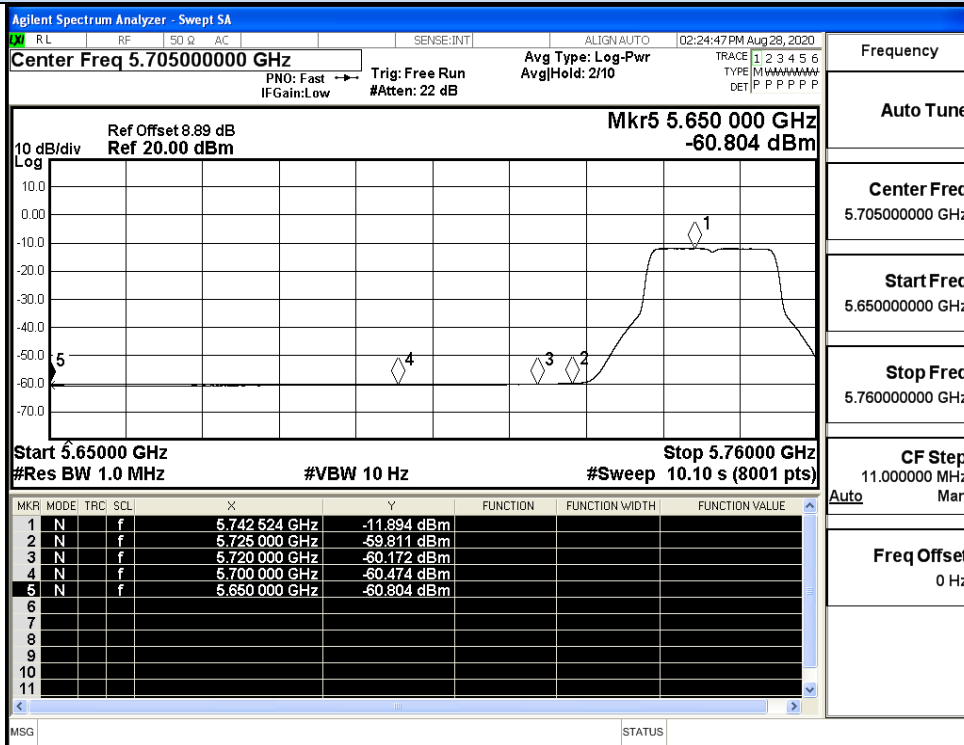
IEEE 802.11n40 / Channel 159 / 5795MHz / Peak



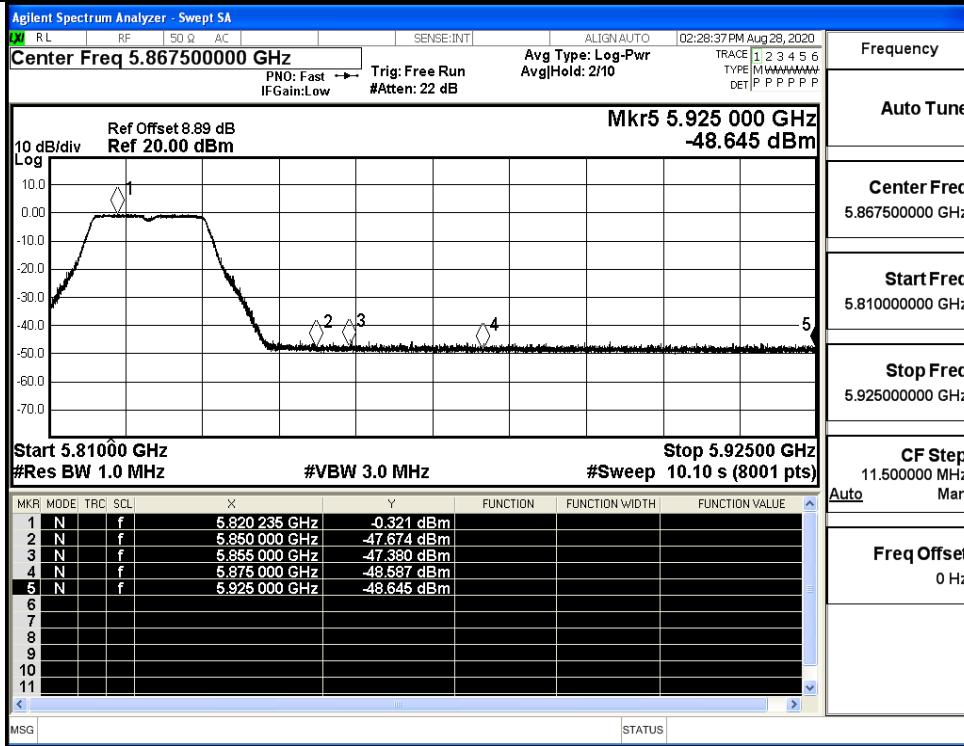
IEEE 802.11n40 / Channel 159 / 5795MHz / Average



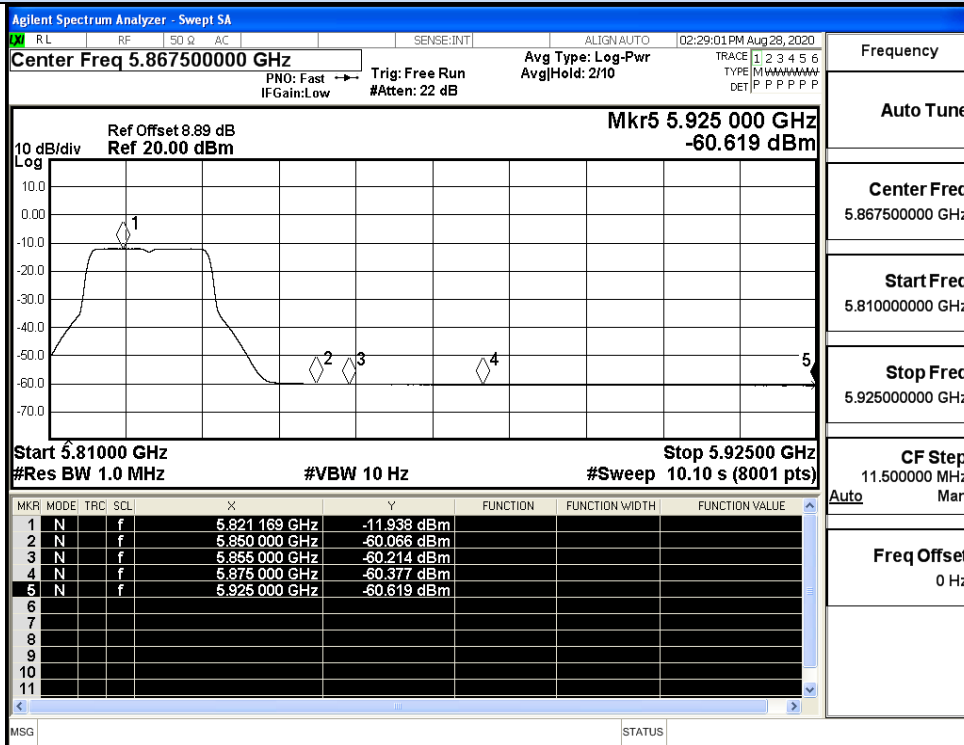
IEEE 802.11ac20 / Channel 149 / 5745MHz / Peak



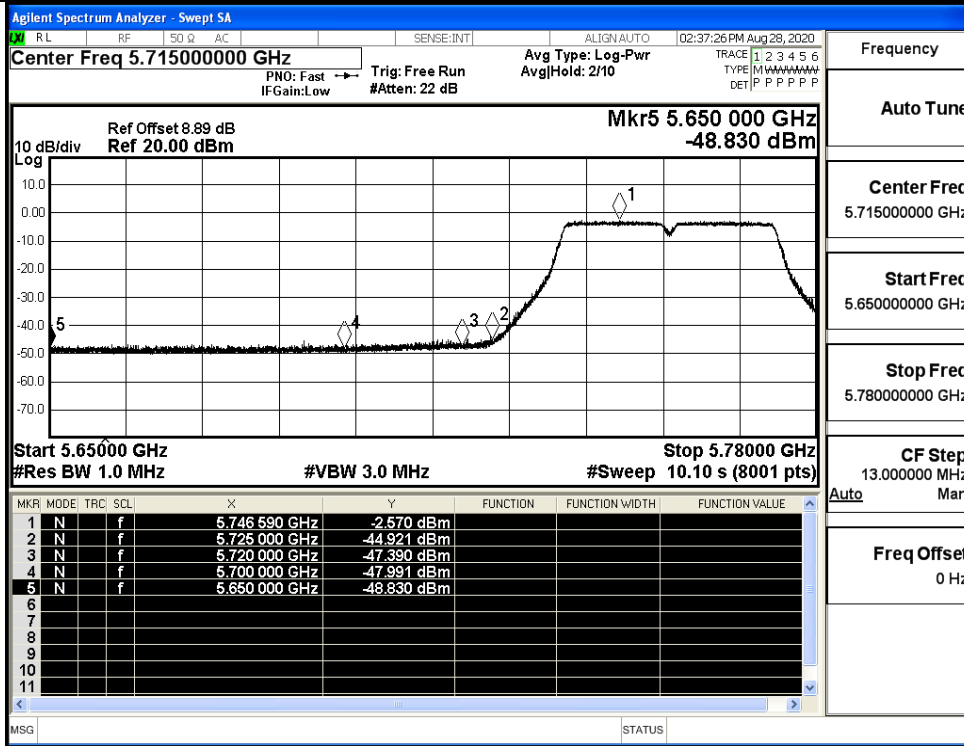
IEEE 802.11ac20 / Channel 149 / 5745MHz / Average



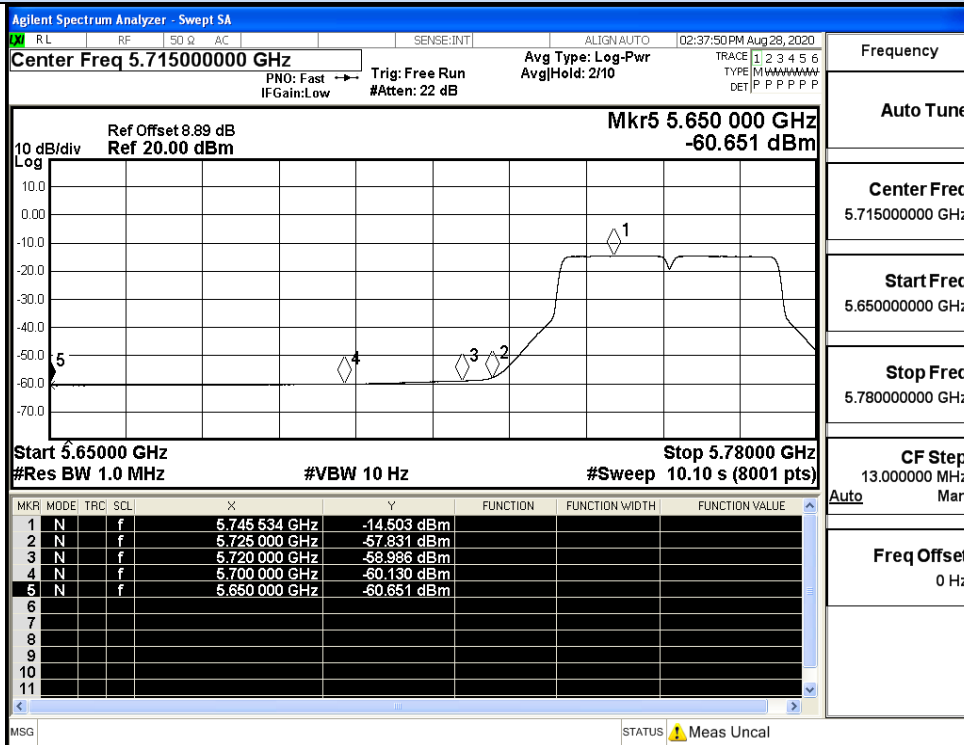
IEEE 802.11ac20 / Channel 165 / 5825MHz / Peak



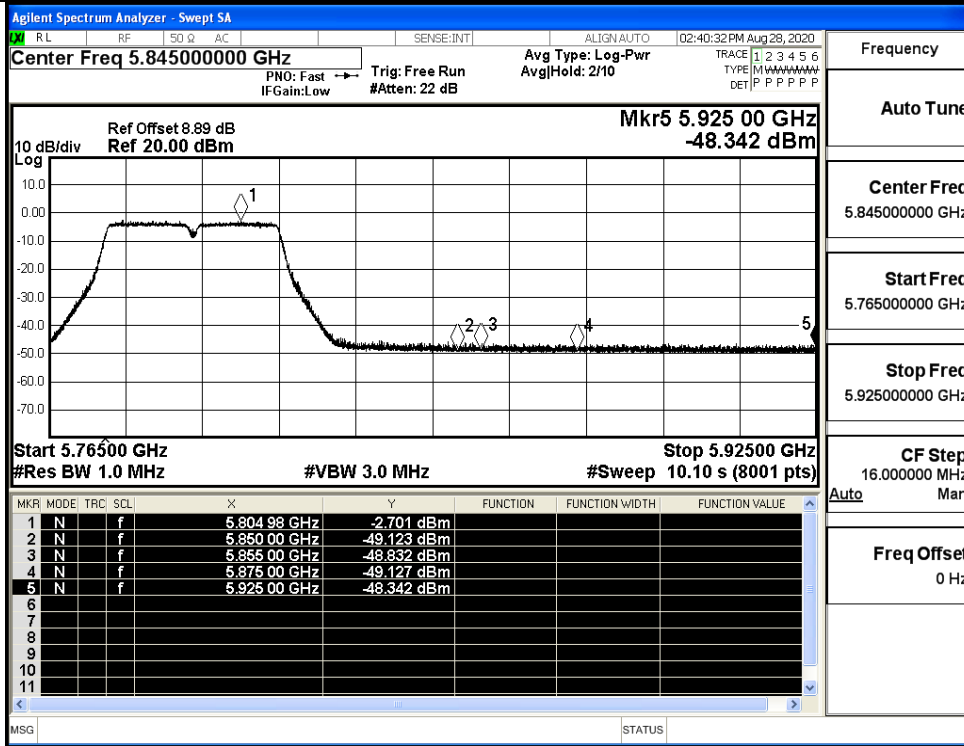
IEEE 802.11ac20 / Channel 165 / 5825MHz / Average



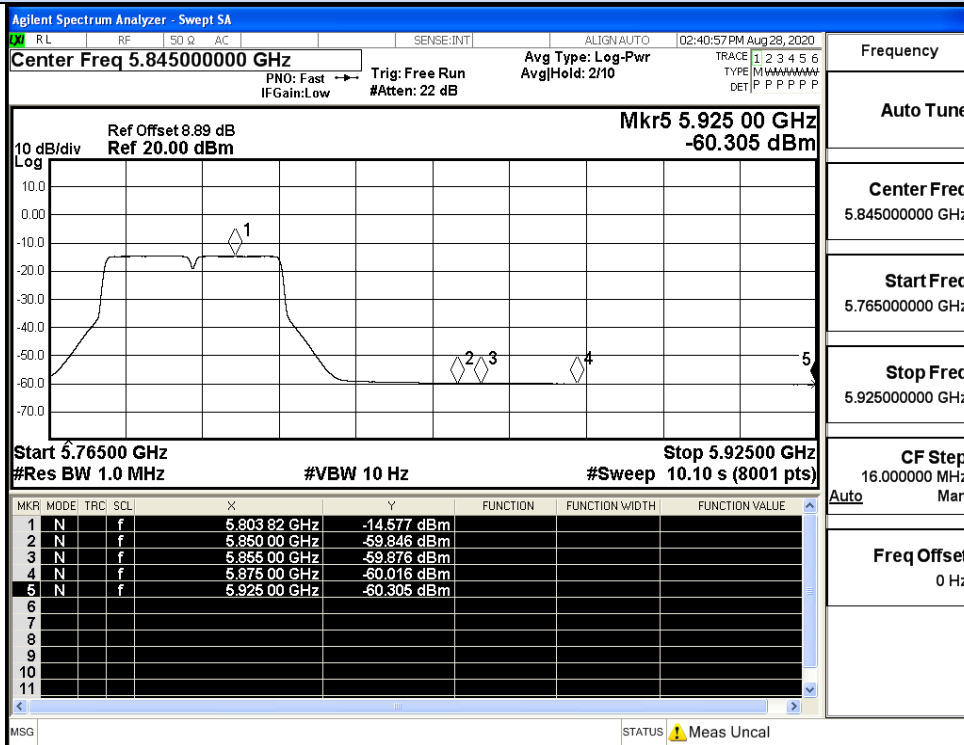
IEEE 802.11ac40 / Channel 151 / 5755MHz / Peak



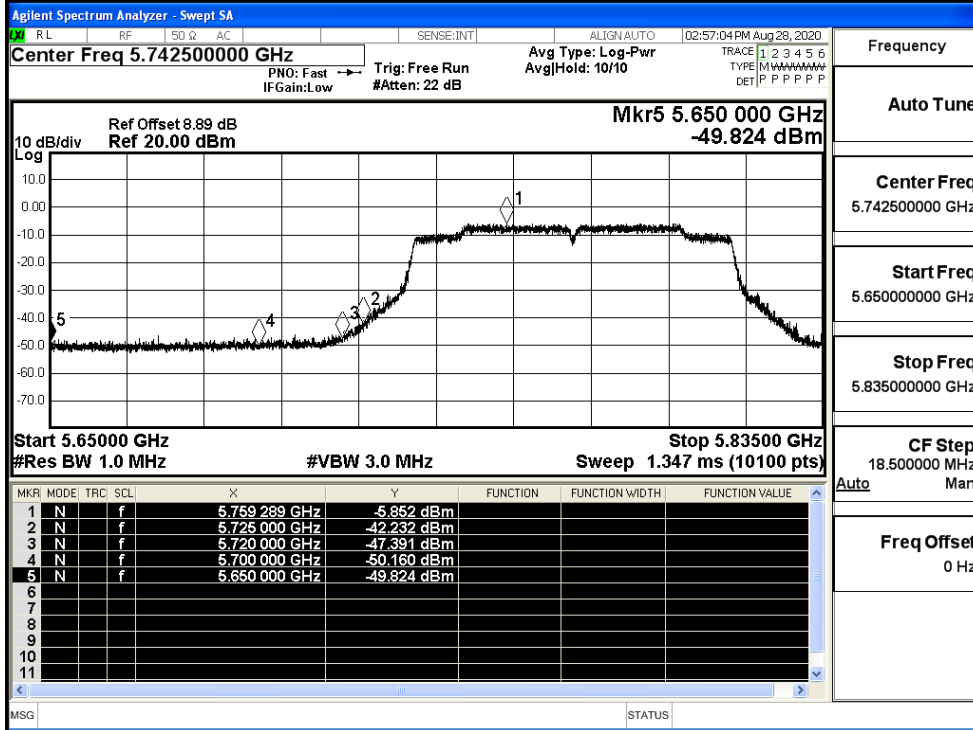
IEEE 802.11ac40 / Channel 151 / 5755MHz / Average



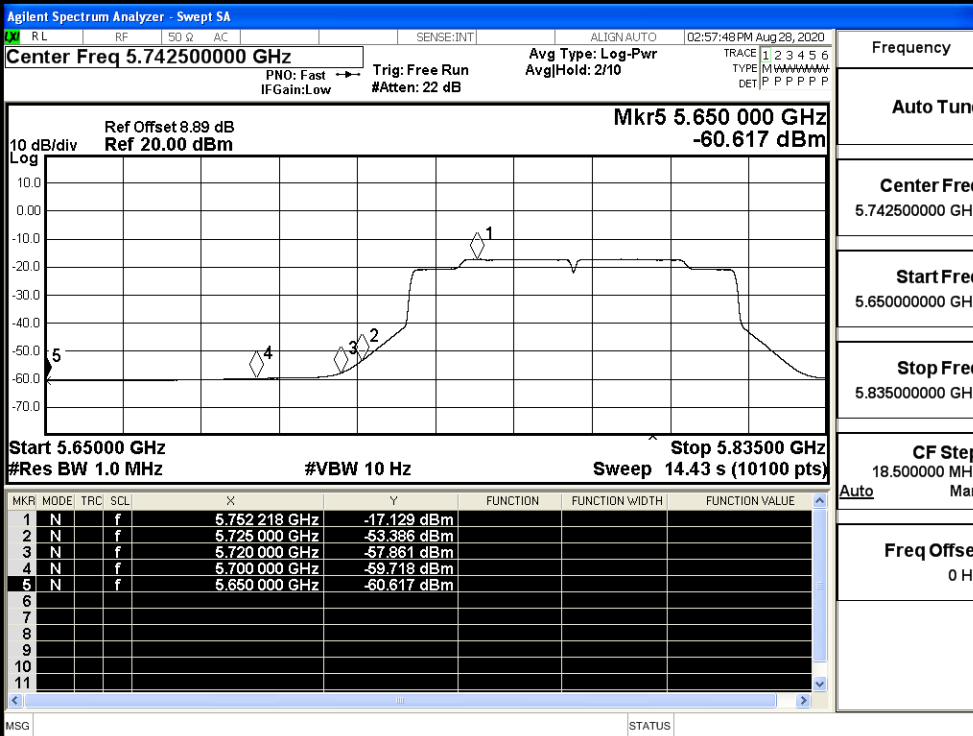
IEEE 802.11ac40 / Channel 159 / 5795MHz / Peak



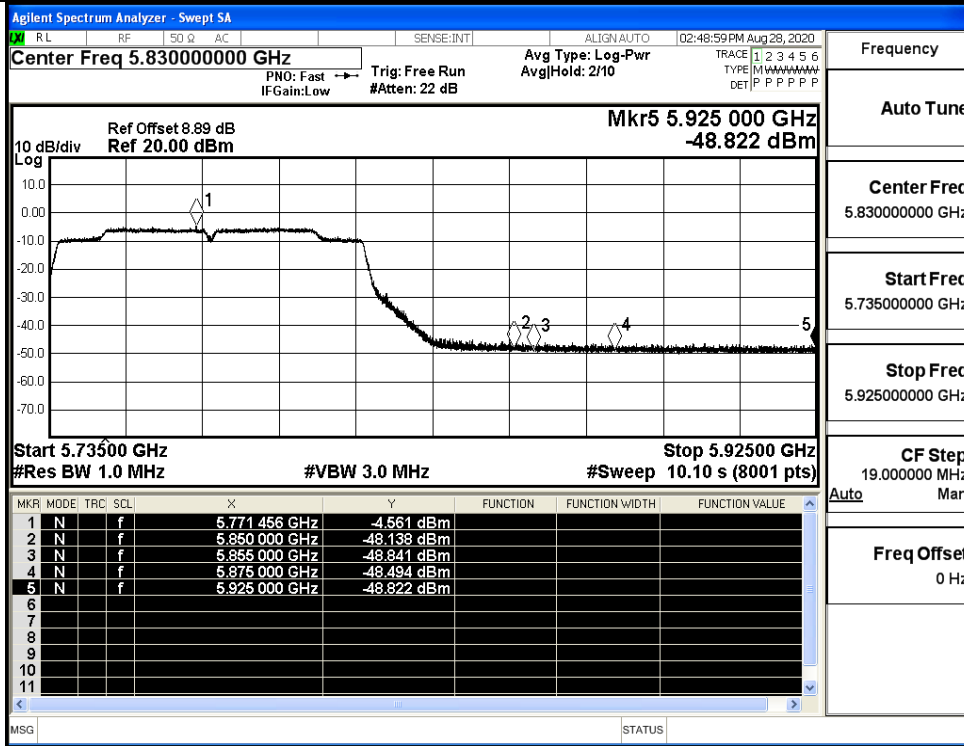
IEEE 802.11ac40 / Channel 159 / 5795MHz / Average



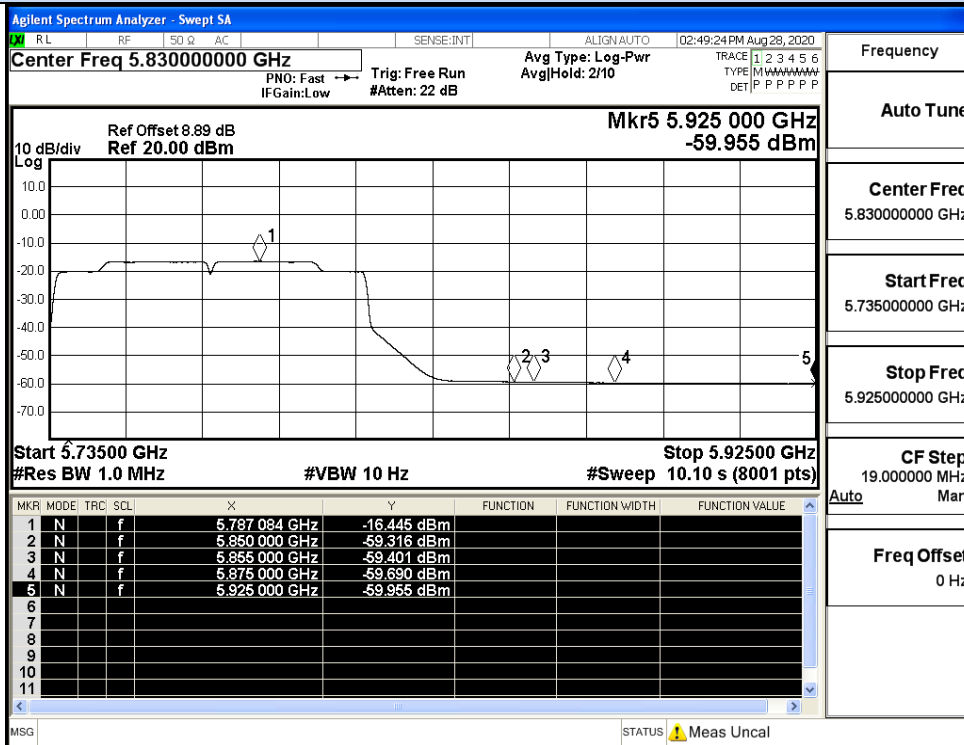
IEEE 802.11ac80 / Channel 155 / 5775MHz / Peak



IEEE 802.11ac80 / Channel 155 / 5775MHz / Average



IEEE 802.11ac80 / Channel 155 / 5775MHz / Peak



IEEE 802.11ac80 / Channel 155 / 5775MHz / Average