

## Appendix E

### RF Test Data for 5.8G WLAN (Conducted Measurement)

Product Name: Vivi Wireless Presentation

Trade Mark: Vivi

Test Model: VWP-205-16

#### Environmental Conditions

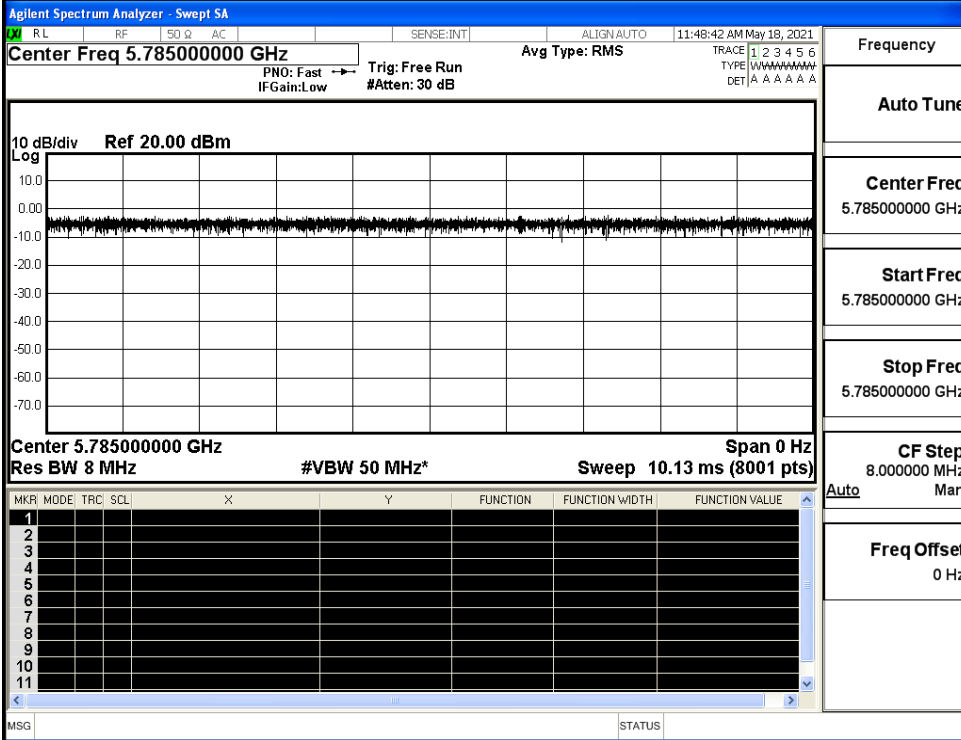
Temperature:	20.1°C
Relative Humidity:	51.6%
ATM Pressure:	100.0 kPa
Test Engineer:	Carl Fu
Supervised by:	Li Huan

#### E.1 Duty Cycle

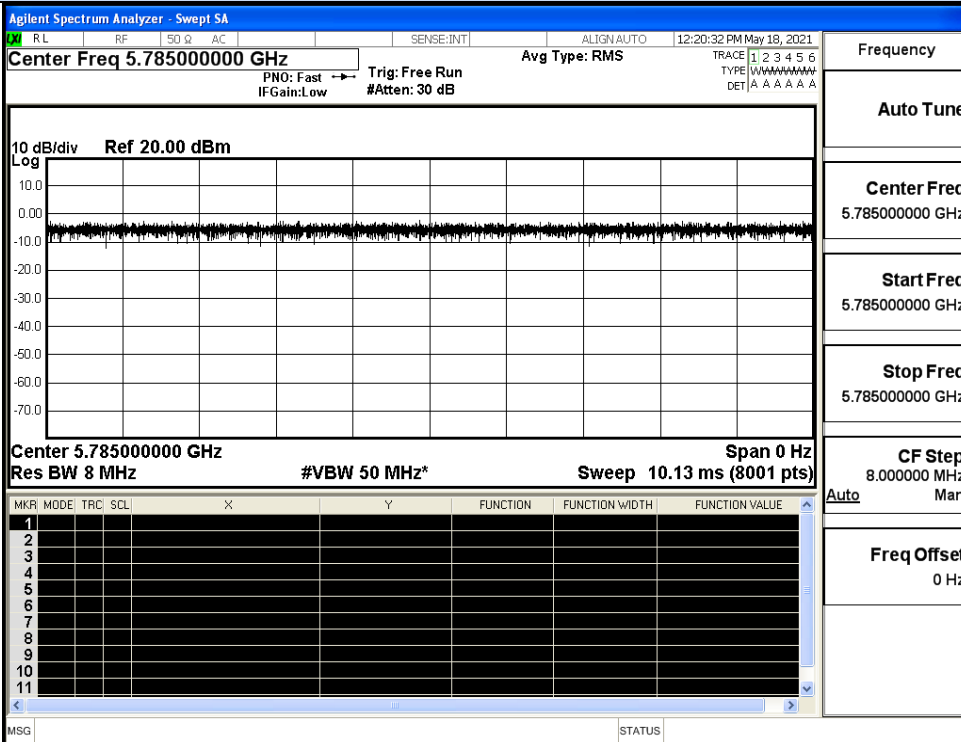
ANT0

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

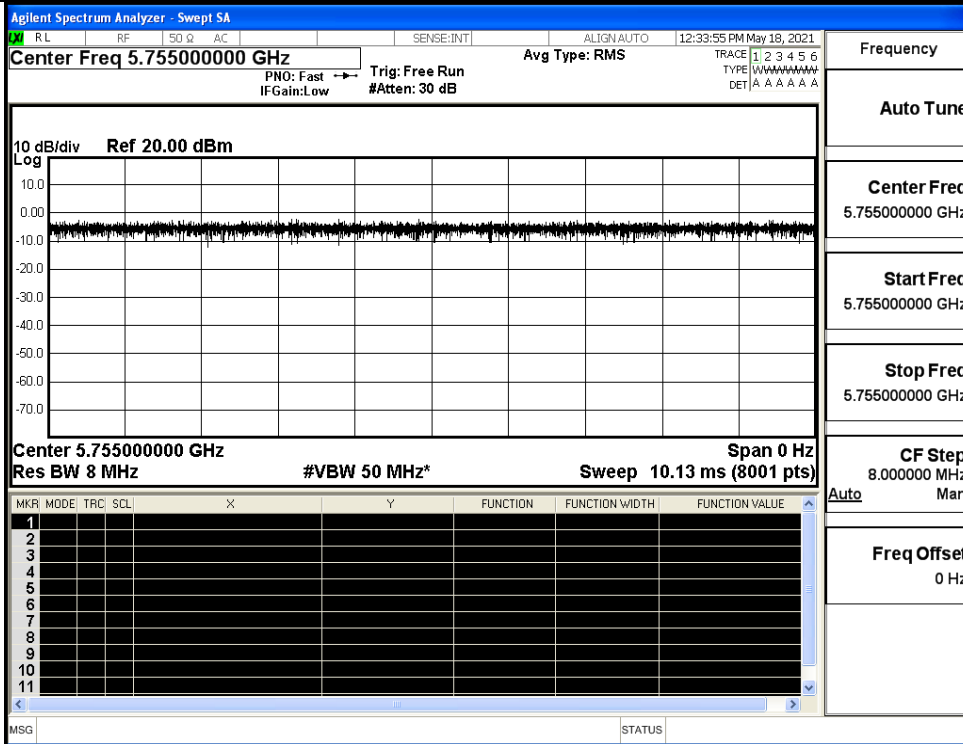
On Time and Duty Cycle



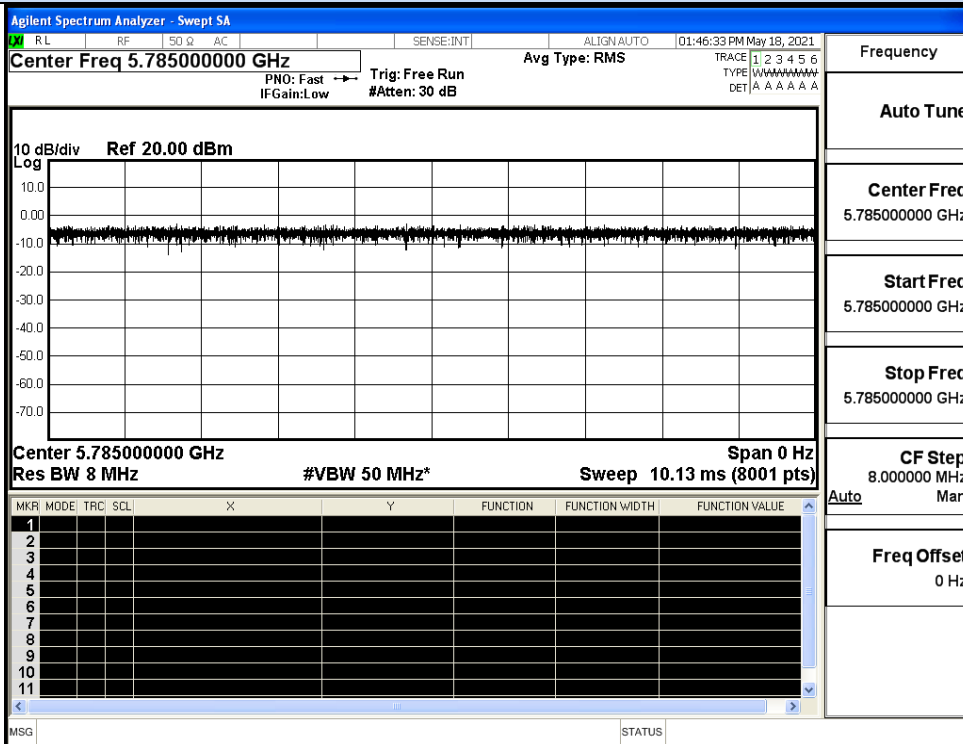
IEEE 802.11a



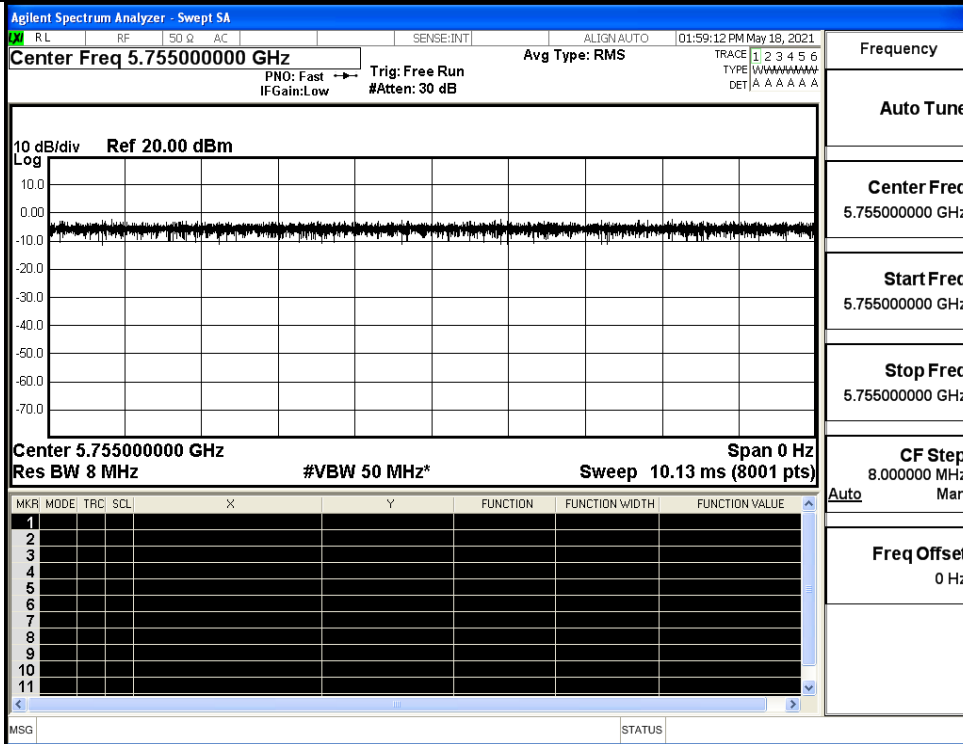
IEEE 802.11n HT20



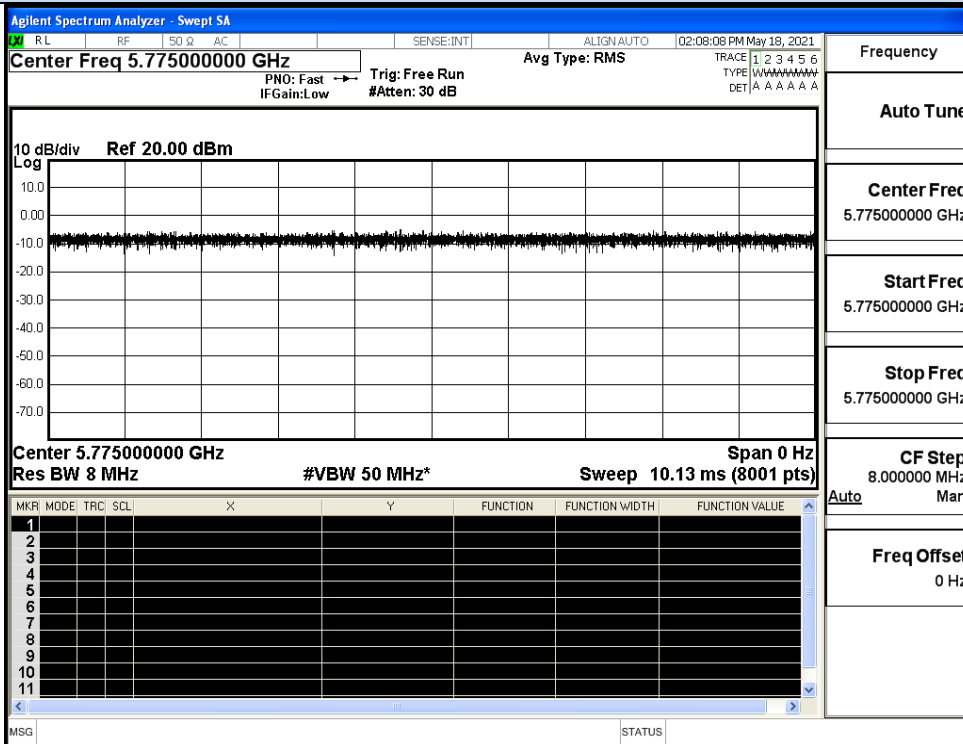
IEEE 802.11n HT40



IEEE 802.11AC20



IEEE 802.11AC40

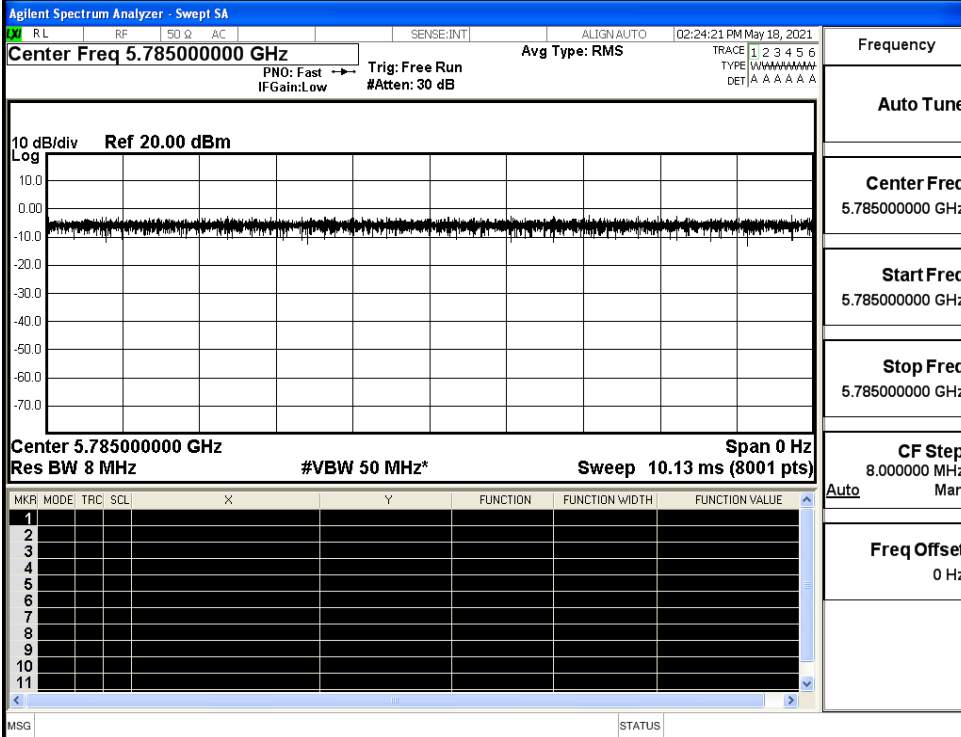


IEEE 802.11AC80

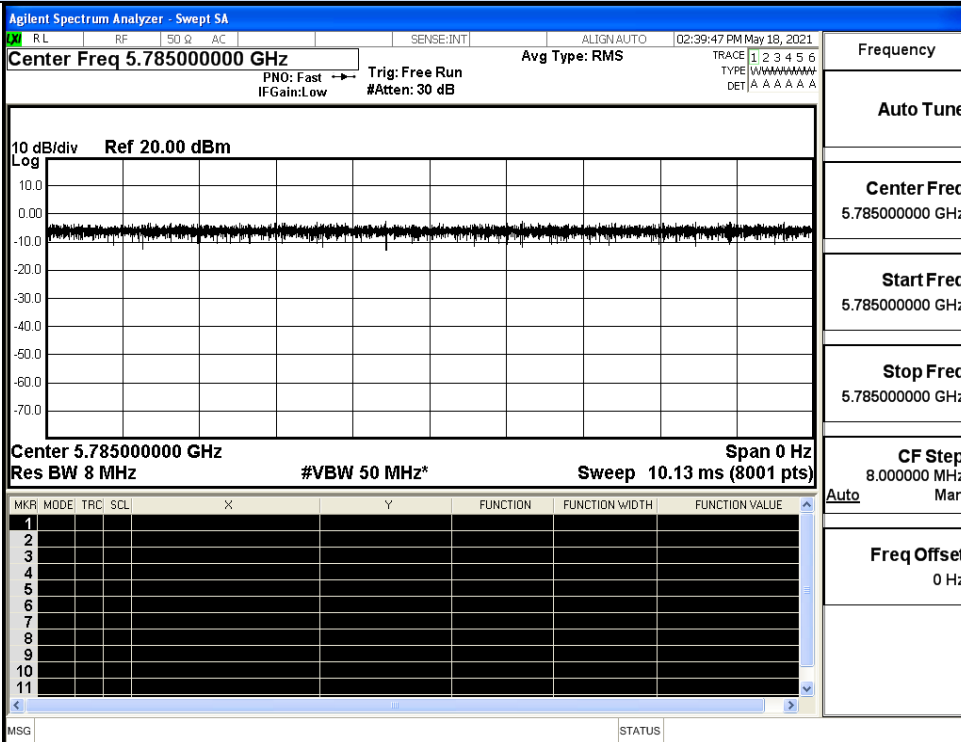
## ANT1

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

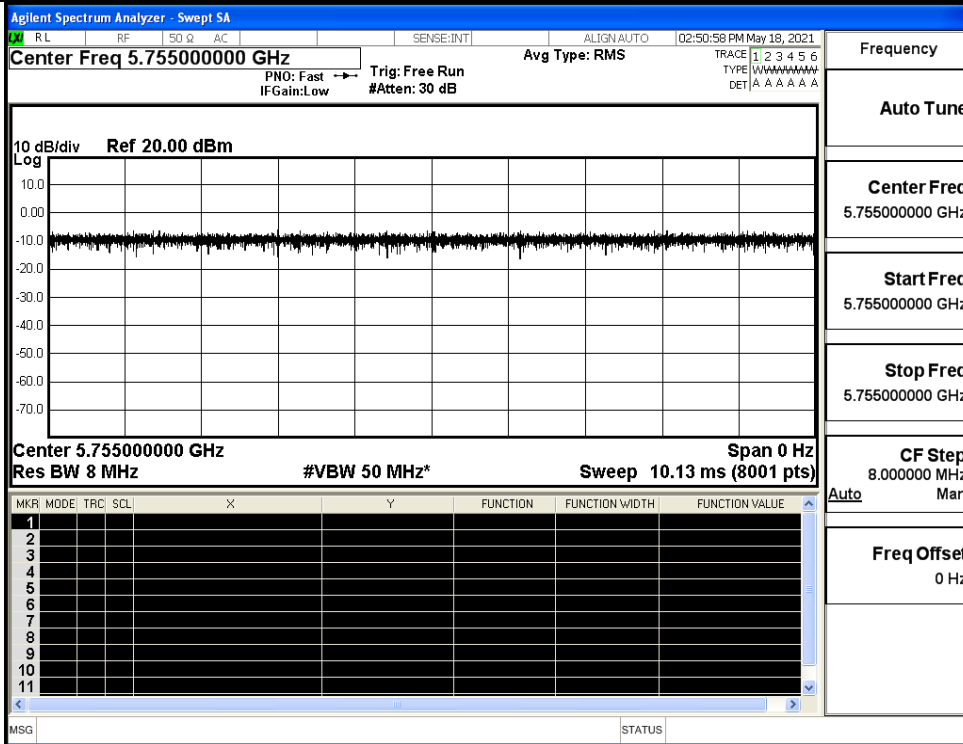
On Time and Duty Cycle



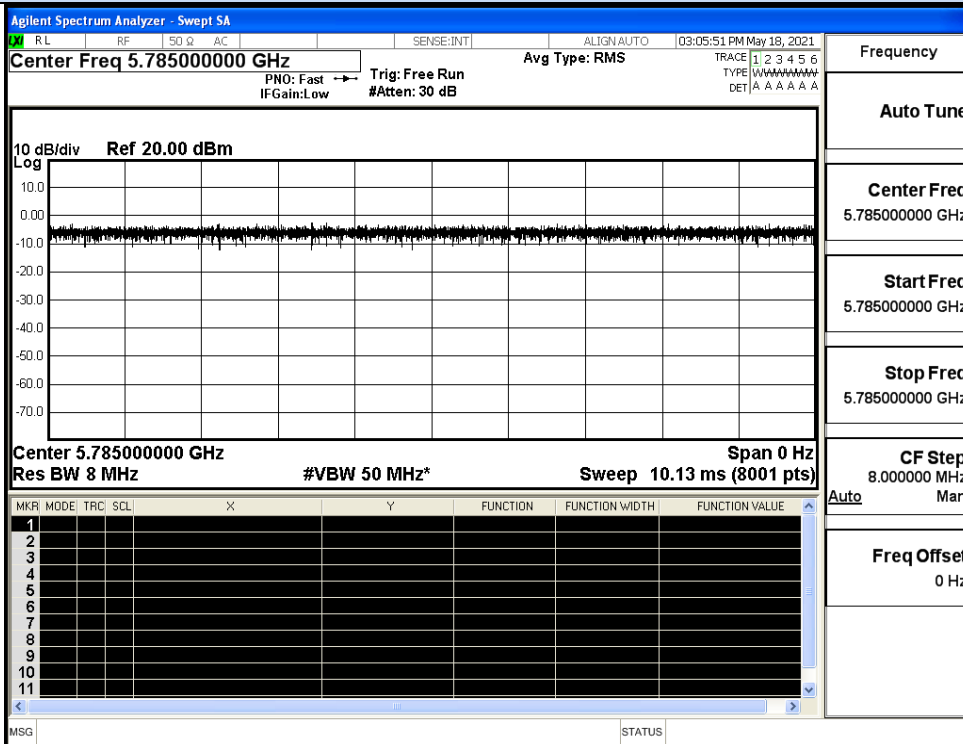
IEEE 802.11a



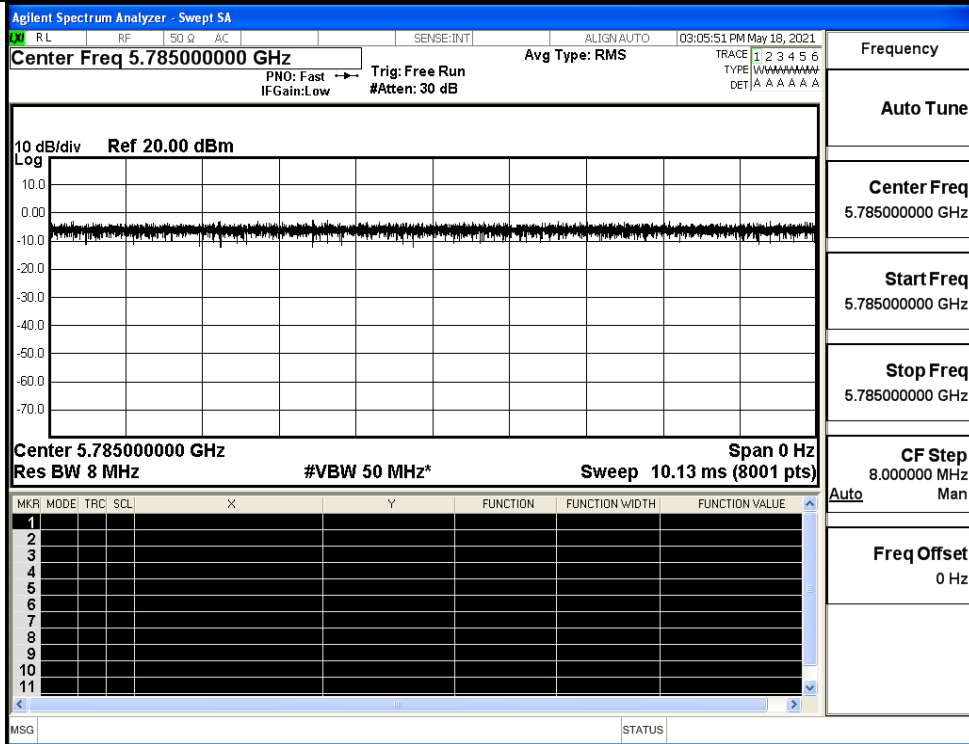
IEEE 802.11n HT20



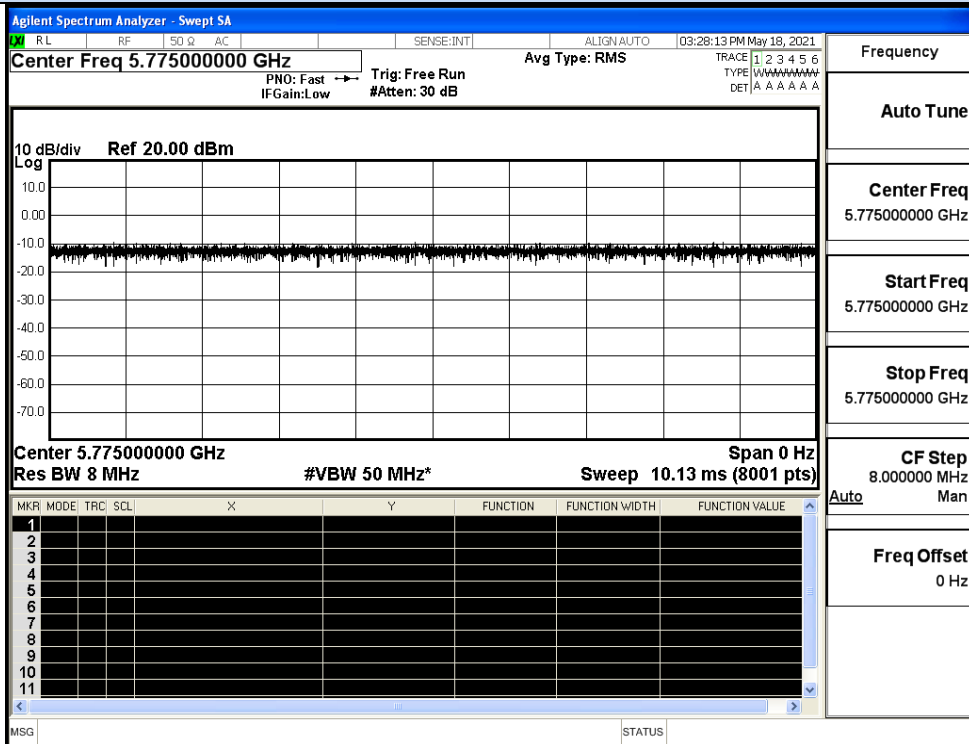
IEEE 802.11n HT40



IEEE 802.11AC20



IEEE 802.11AC40



IEEE 802.11AC80



**E.2 Maximum Conduct Output Power****ANT0**

Test Mode	Channel	Frequency (MHz)	AVG Conducted Power (dBm)	Duty Cycle Factor(dB)	Report Conducted Power(dBm)	Limit (dBm)	Verdict
11A	149	5745	9.44	0	9.44	30	Pass
	157	5785	10.54	0	10.54		Pass
	165	5825	10.7	0	10.7		Pass
11N20 SISO	149	5745	9.88	0	9.88	30	Pass
	157	5785	10.49	0	10.49		Pass
	165	5825	10.82	0	10.82		Pass
11N40 SISO	151	5755	9.9	0	9.9	30	Pass
	159	5795	10.17	0	10.17		Pass
11AC20 SISO	149	5745	11.23	0	11.23	30	Pass
	157	5785	11.24	0	11.24		Pass
	165	5825	10.43	0	10.43		Pass
11AC40 SISO	151	5755	10.81	0	10.81	30	Pass
	159	5795	10.75	0	10.75		Pass
11AC80 SISO	155	5775	10.15	0	10.15	30	Pass

**ANT1**

Test Mode	Channel	Frequency (MHz)	AVG Conducted Power (dBm)	Duty Cycle Factor(dB)	Report Conducted Power(dBm)	Limit (dBm)	Verdict
11A	149	5745	9.5	0	9.5	30	Pass
	157	5785	10.22	0	10.22		Pass
	165	5825	10.82	0	10.82		Pass
11N20 SISO	149	5745	9.44	0	9.44	30	Pass
	157	5785	10.23	0	10.23		Pass
	165	5825	14.75	0	14.75		Pass
11N40 SISO	151	5755	9.87	0	9.87	30	Pass
	159	5795	10.49	0	10.49		Pass
11AC20 SISO	149	5745	10.88	0	10.88	30	Pass
	157	5785	10.91	0	10.91		Pass
	165	5825	10.61	0	10.61		Pass
11AC40 SISO	151	5755	11.02	0	11.02	30	Pass
	159	5795	10.81	0	10.81		Pass
11AC80 SISO	155	5775	10.01	0	10.01	30	Pass

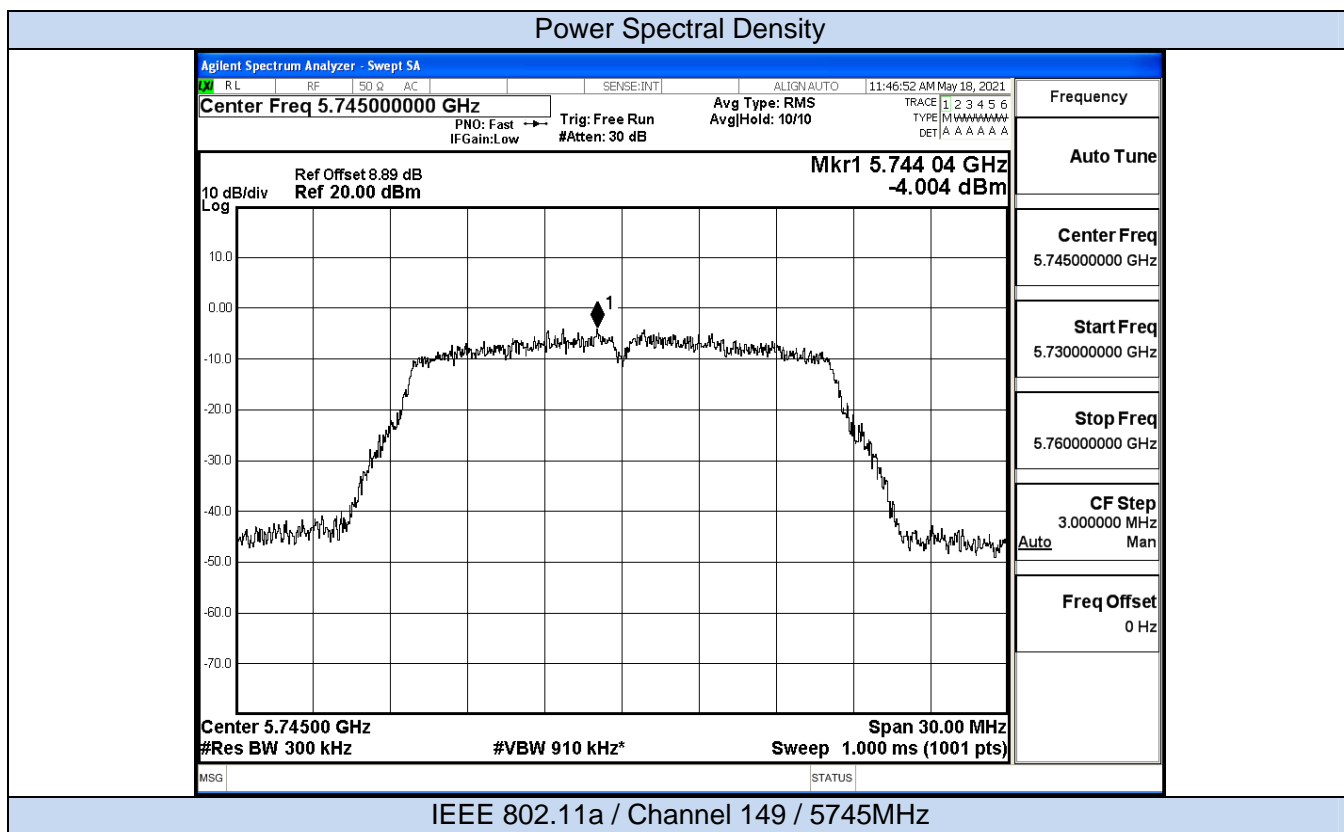
**MIMO**

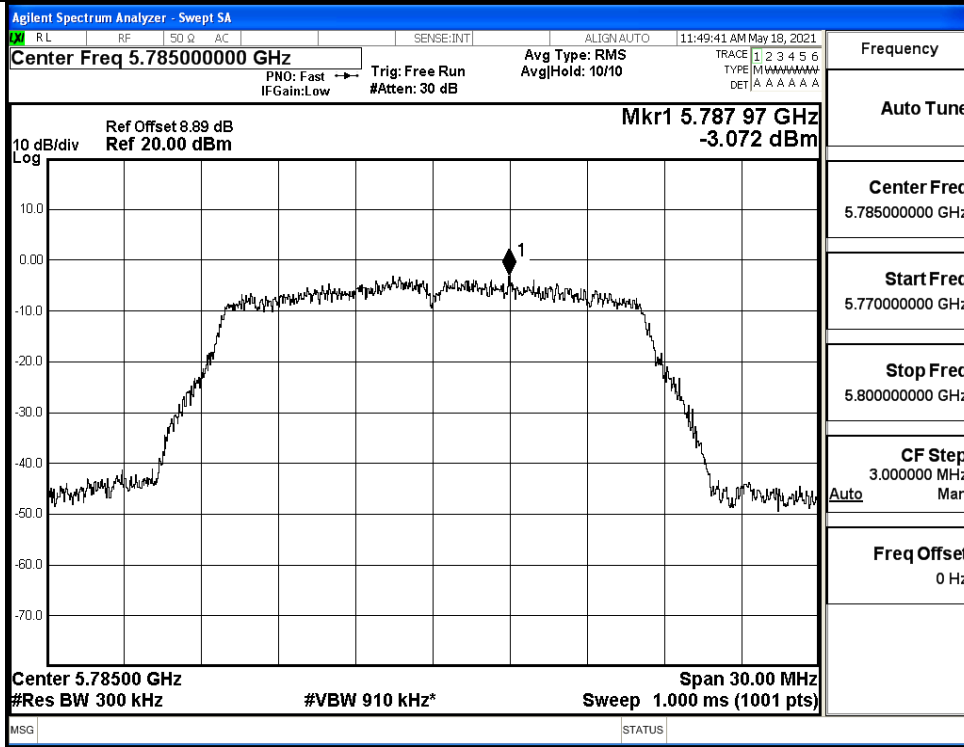
Test Mode	Channel	Frequency (MHz)	ANT 0 AVG Conducted Power (dBm)	ANT 1 AVG Conducted Power (dBm)	MIMO AVG Conducted Power (dBm)	Duty Cycle Factor(dB)	Report Conducted Power(dBm)	Limit (dBm)	Verdict
11N20	149	5745	9.88	9.44	12.68	0	12.68	29.99	Pass
	157	5785	10.49	10.23	13.37	0	13.37		Pass
	165	5825	10.82	14.75	16.23	0	16.23		Pass
11N40	151	5755	9.9	9.87	12.90	0	12.90	29.99	Pass
	159	5795	10.17	10.49	13.34	0	13.34		Pass
11AC20	149	5745	11.23	10.88	14.07	0	14.07	29.99	Pass
	157	5785	11.24	10.91	14.09	0	14.09		Pass
	165	5825	10.43	10.61	13.53	0	13.53		Pass
11AC40	151	5755	10.81	11.02	13.93	0	13.93	29.99	Pass
	159	5795	10.75	10.81	13.79	0	13.79		Pass
11AC80	155	5775	10.15	10.01	13.09	0	13.09	29.99	Pass

### E.3 Power Spectral Density

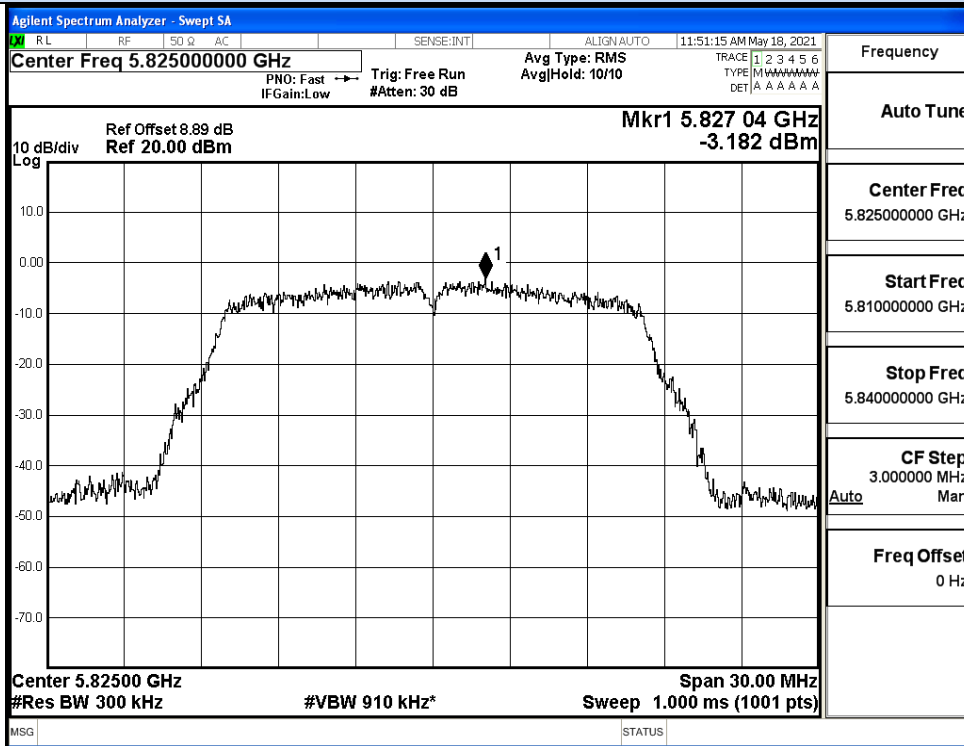
ANT0

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	-4.00	0	2.218	-1.79	30	Pass
	157	5785	-3.07	0	2.218	-0.85		Pass
	165	5825	-3.18	0	2.218	-0.96		Pass
11N20 SISO	149	5745	-4.42	0	2.218	-2.20	30	Pass
	157	5785	-3.77	0	2.218	-1.55		Pass
	165	5825	-3.35	0	2.218	-1.13		Pass
11N40 SISO	151	5755	-7.07	0	2.218	-4.85	30	Pass
	159	5795	-5.91	0	2.218	-3.69		Pass
11AC20 SISO	149	5745	-4.42	0	2.218	-2.20	30	Pass
	157	5785	-3.70	0	2.218	-1.48		Pass
	165	5825	-3.01	0	2.218	-0.79		Pass
11AC40 SISO	151	5755	-7.31	0	2.218	-5.09	30	Pass
	159	5795	-6.89	0	2.218	-4.67		Pass
11AC80 SISO	155	5775	-10.07	0	2.218	-7.85	30	Pass



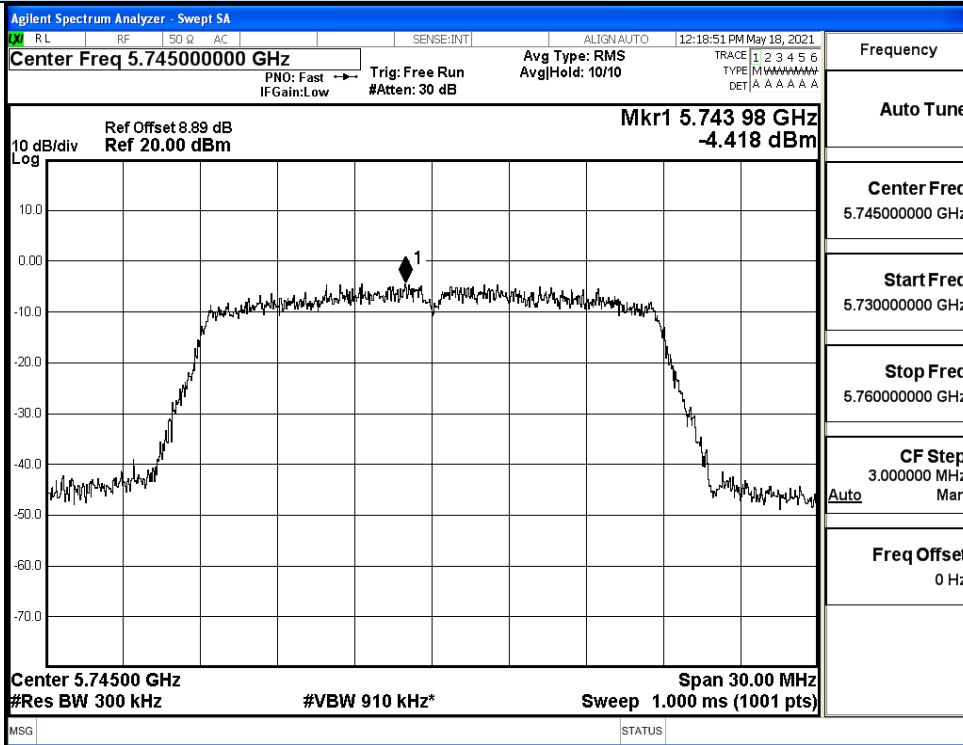


IEEE 802.11na / Channel 157 / 5785MHz

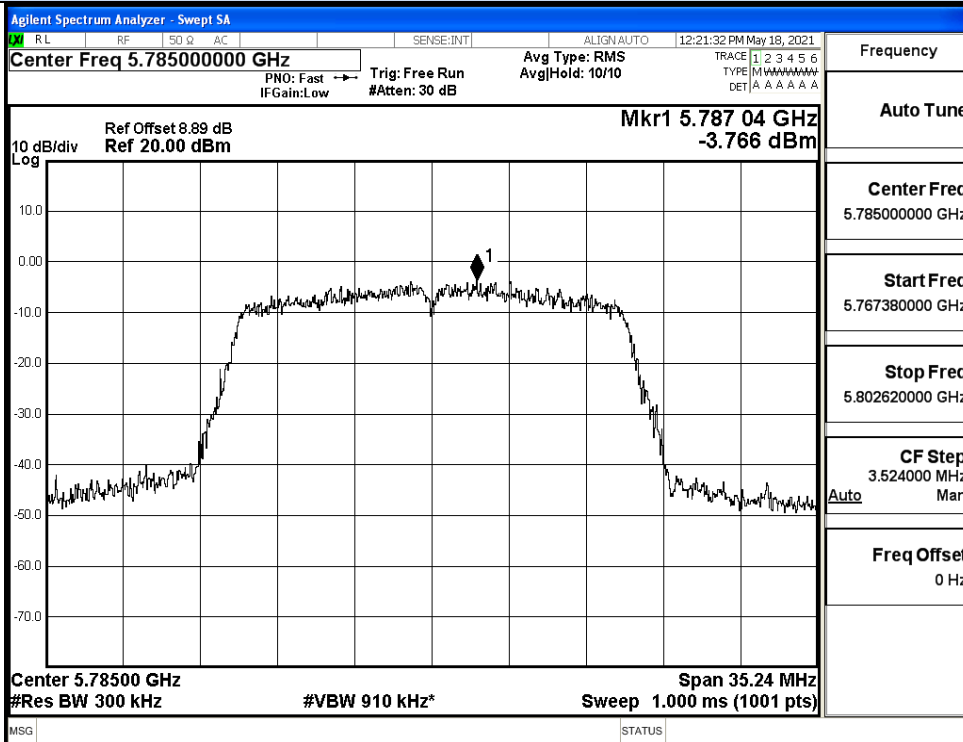


IEEE 802.11na / Channel 165 / 5825MHz

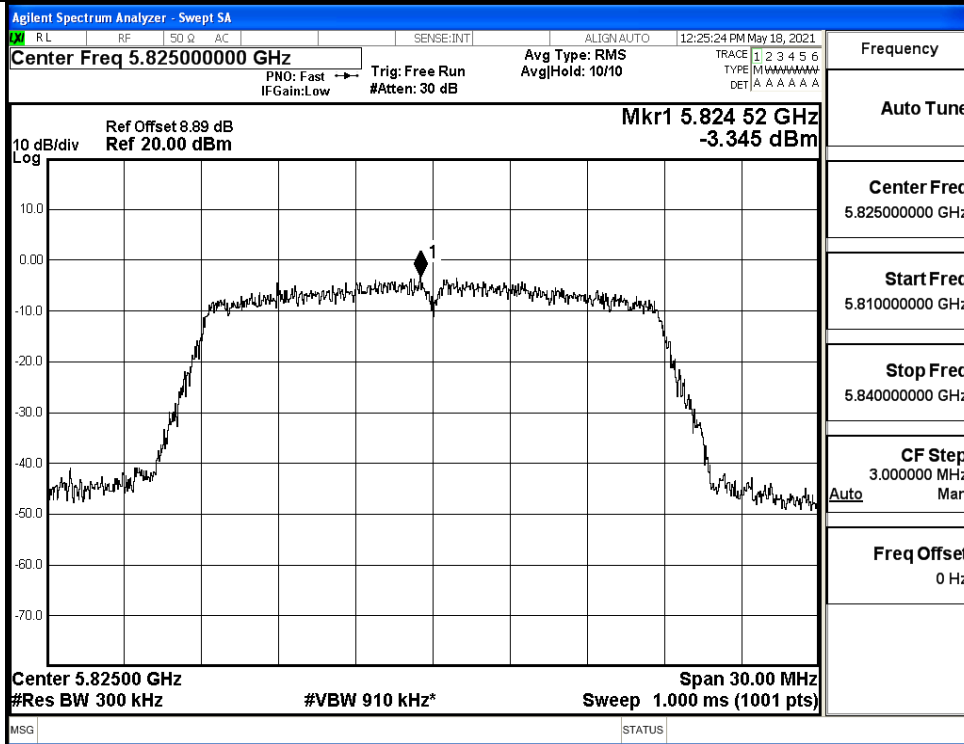
Power Spectral Density



IEEE 802.11n20 / Channel 149 / 5745MHz

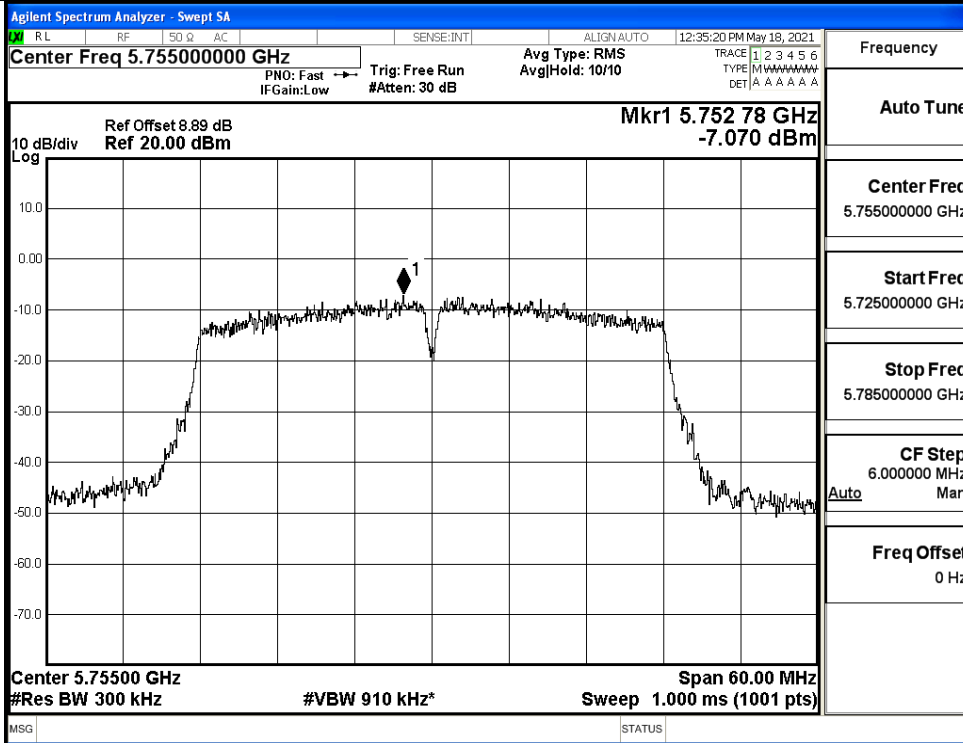


IEEE 802.11n20 / Channel 157 / 5785MHz

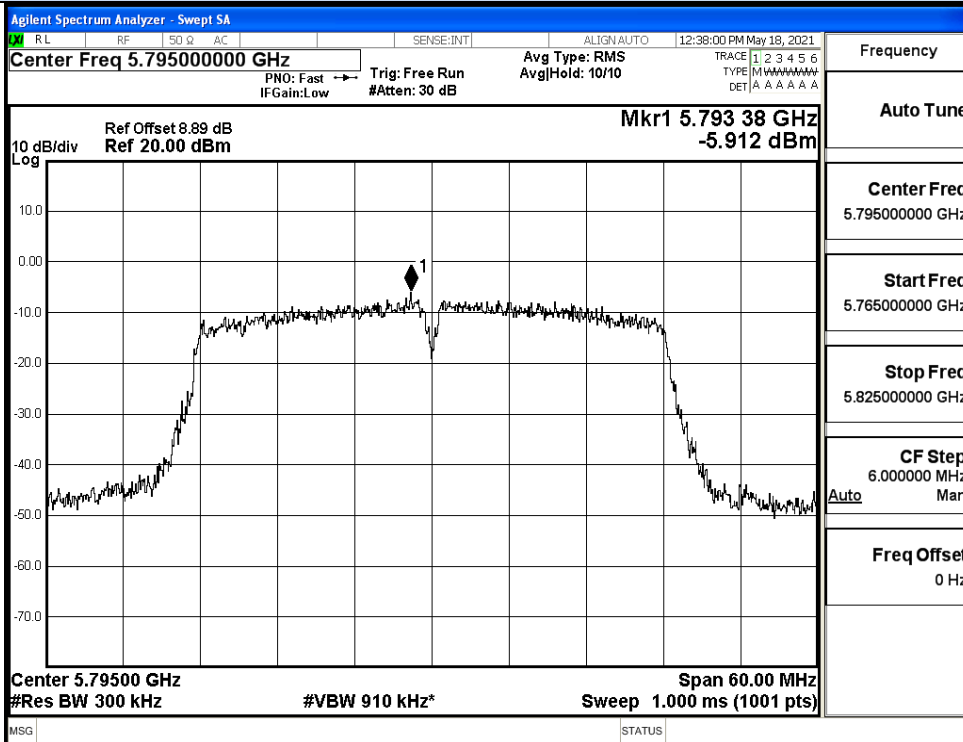


IEEE 802.11n20 / Channel 165 / 5825MHz

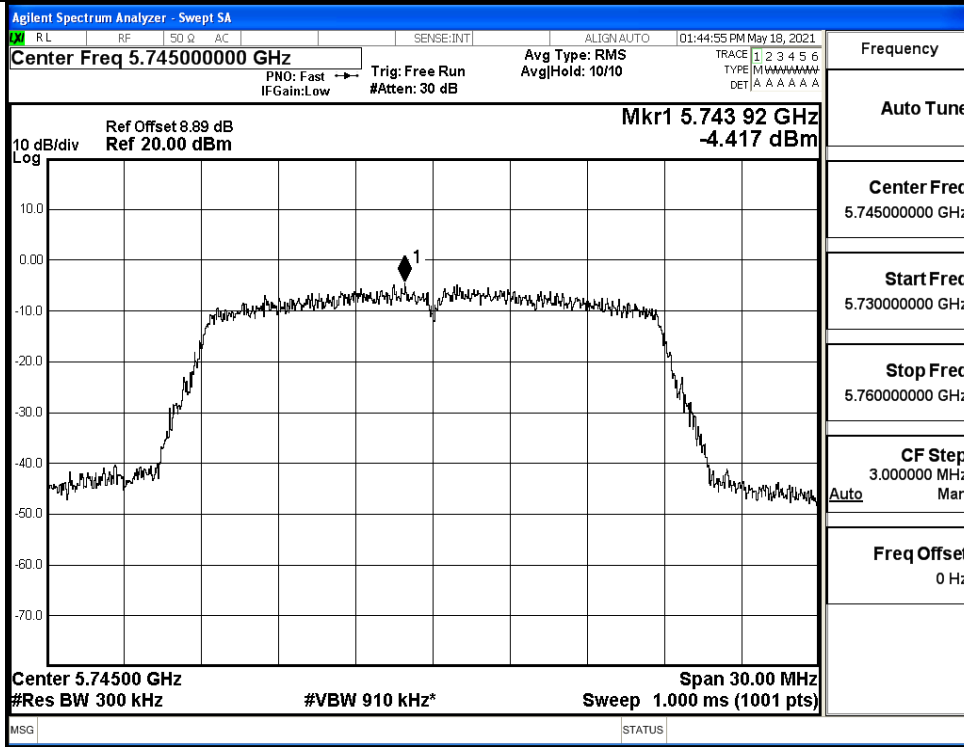
Power Spectral Density



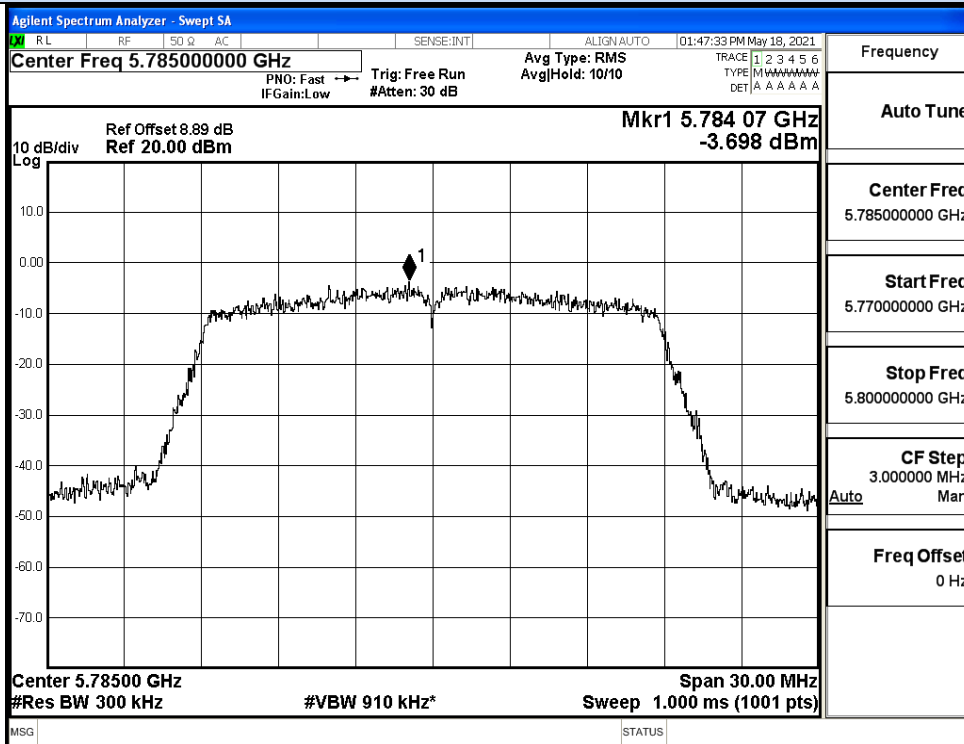
IEEE 802.11n40 / Channel 151 / 5755MHz



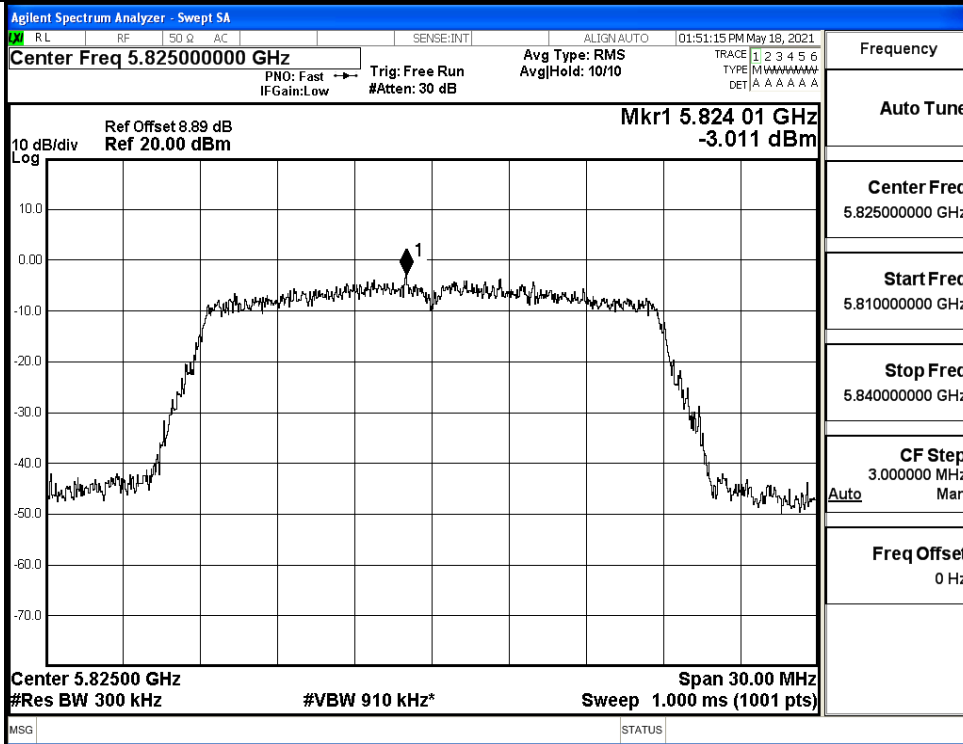
IEEE 802.11n40 / Channel 159 / 5795MHz



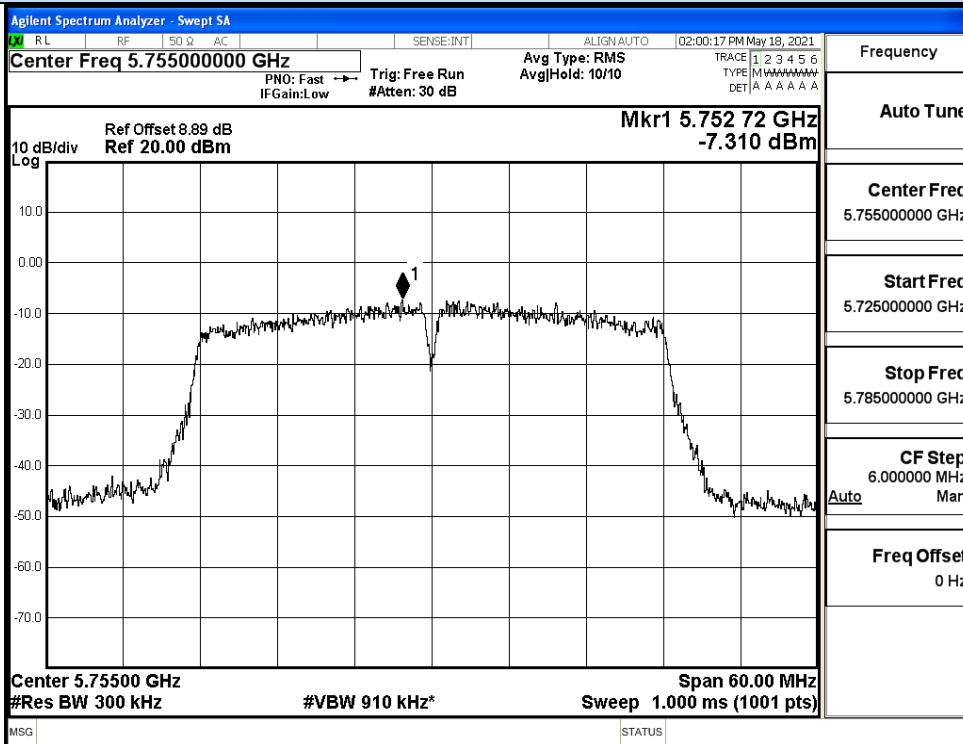
IEEE 802.11ac20 / Channel 149 / 5745MHz



IEEE 802.11ac20 / Channel 157 / 5785MHz

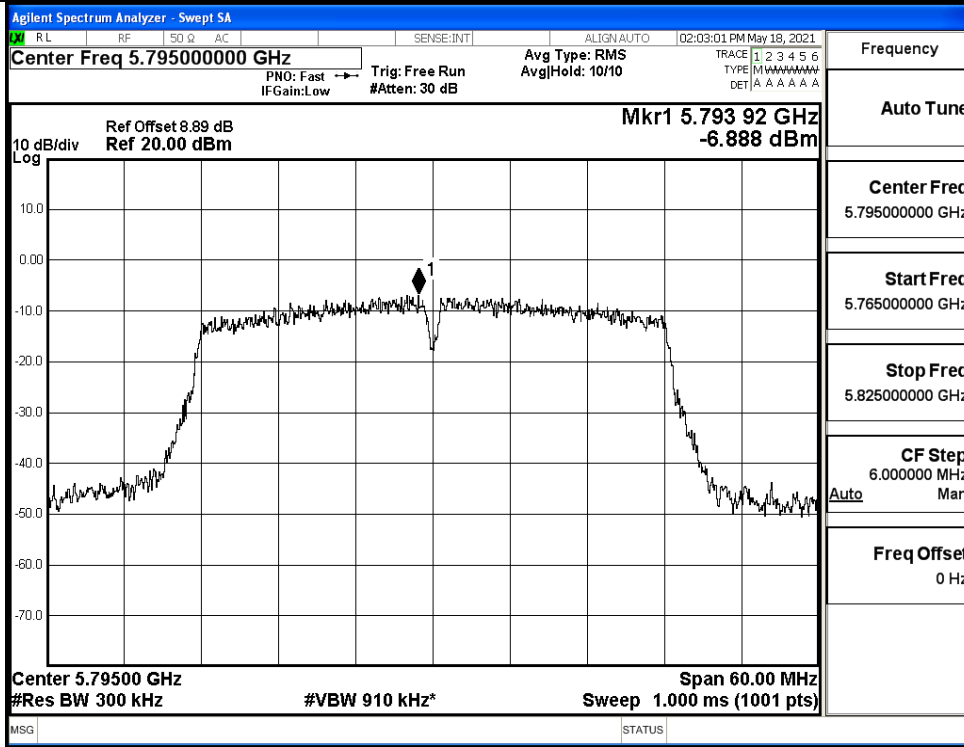


IEEE 802.11ac20 / Channel 165 / 5825MHz

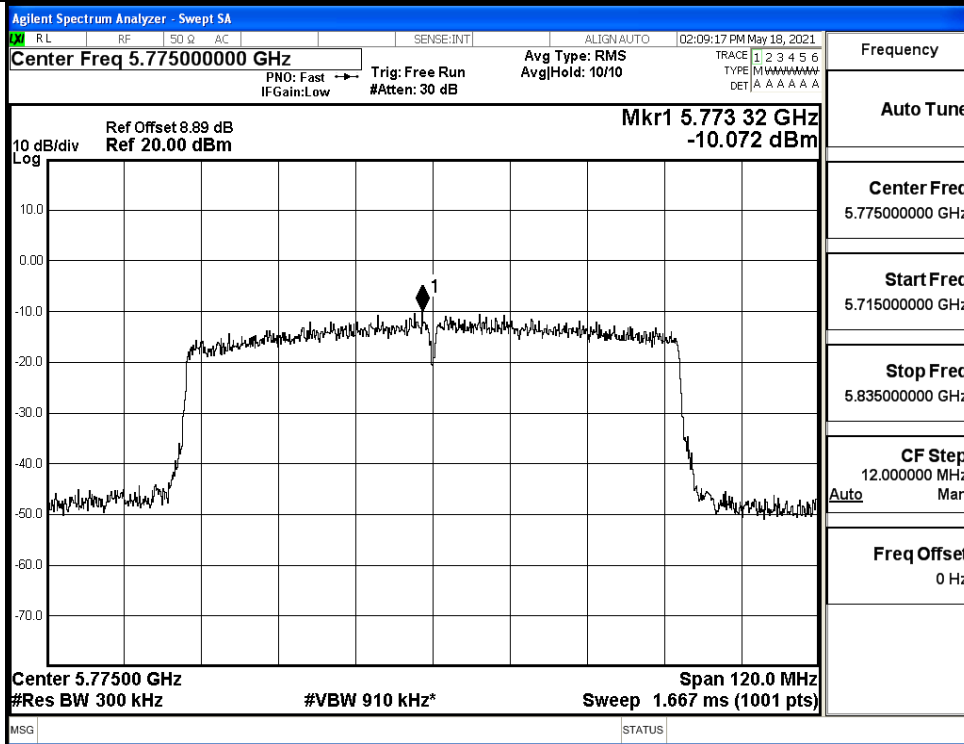


IEEE 802.11ac40 / Channel 151 / 5755MHz





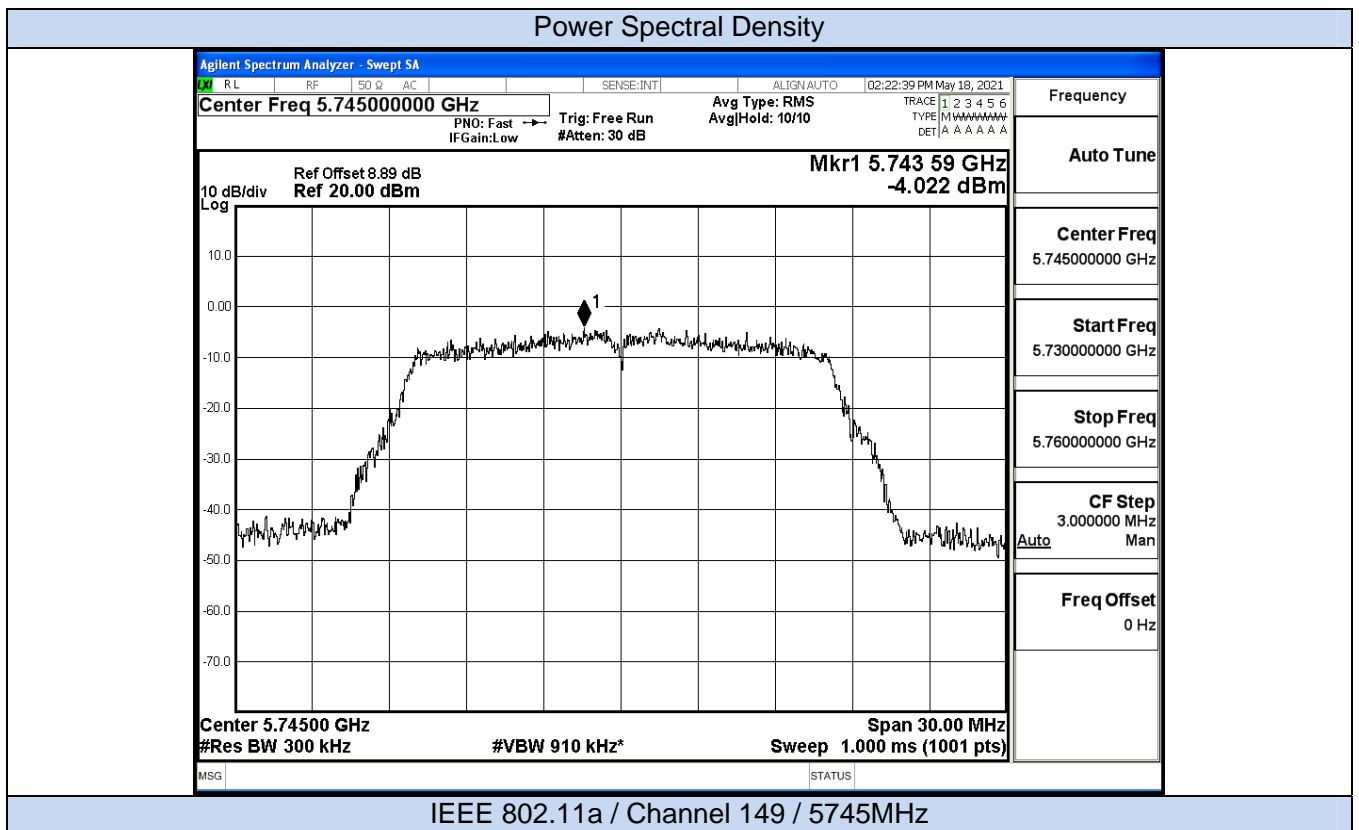
IEEE 802.11ac40 / Channel 159 / 5795MHz

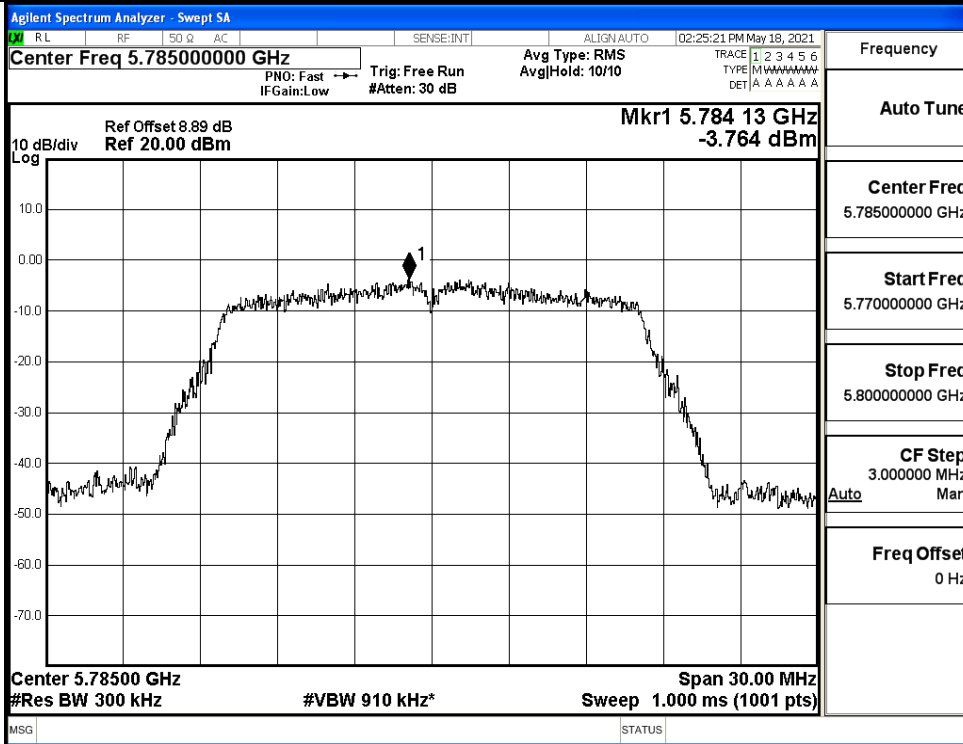


IEEE 802.11ac80 / Channel 155/ 5775MHz

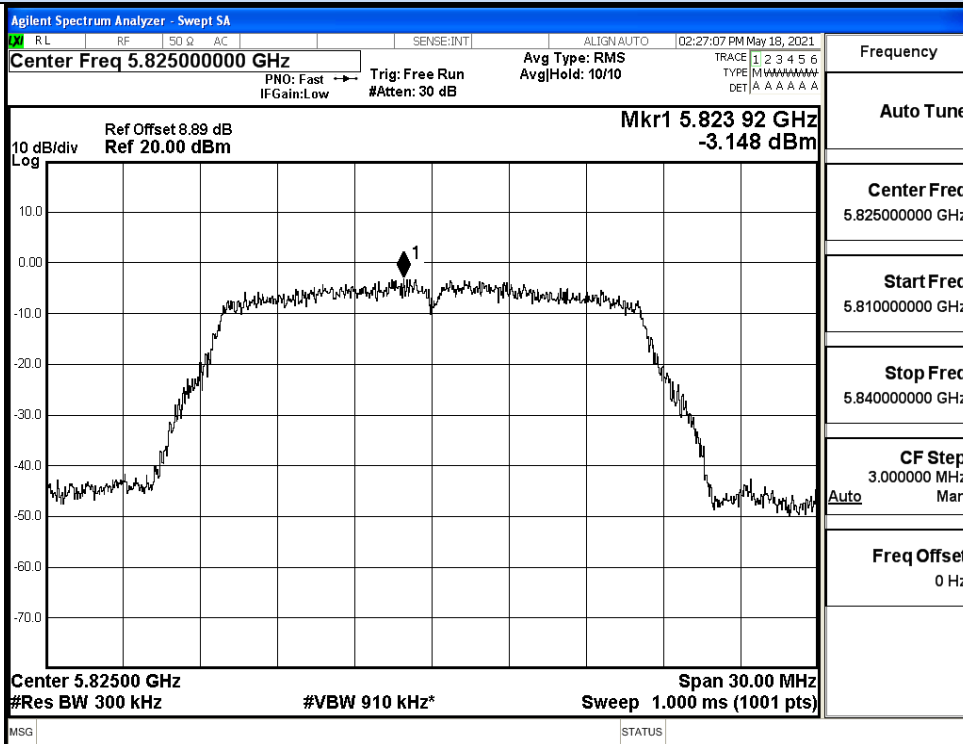
ANT1

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	-4.02	0	2.218	-1.80	30	Pass
	157	5785	-3.76	0	2.218	-1.55		Pass
	165	5825	-3.15	0	2.218	-0.93		Pass
11N20 SISO	149	5745	-4.84	0	2.218	-2.62	30	Pass
	157	5785	-3.48	0	2.218	-1.27		Pass
	165	5825	-2.90	0	2.218	-0.68		Pass
11N40 SISO	151	5755	-7.15	0	2.218	-4.93	30	Pass
	159	5795	-6.14	0	2.218	-3.92		Pass
11AC20 SISO	149	5745	-3.50	0	2.218	-1.29	30	Pass
	157	5785	-3.45	0	2.218	-1.24		Pass
	165	5825	-2.95	0	2.218	-0.73		Pass
11AC40 SISO	151	5755	-7.01	0	2.218	-4.79	30	Pass
	159	5795	-5.89	0	2.218	-3.67		Pass
11AC80 SISO	155	5775	-10.23	0	2.218	-8.01	30	Pass



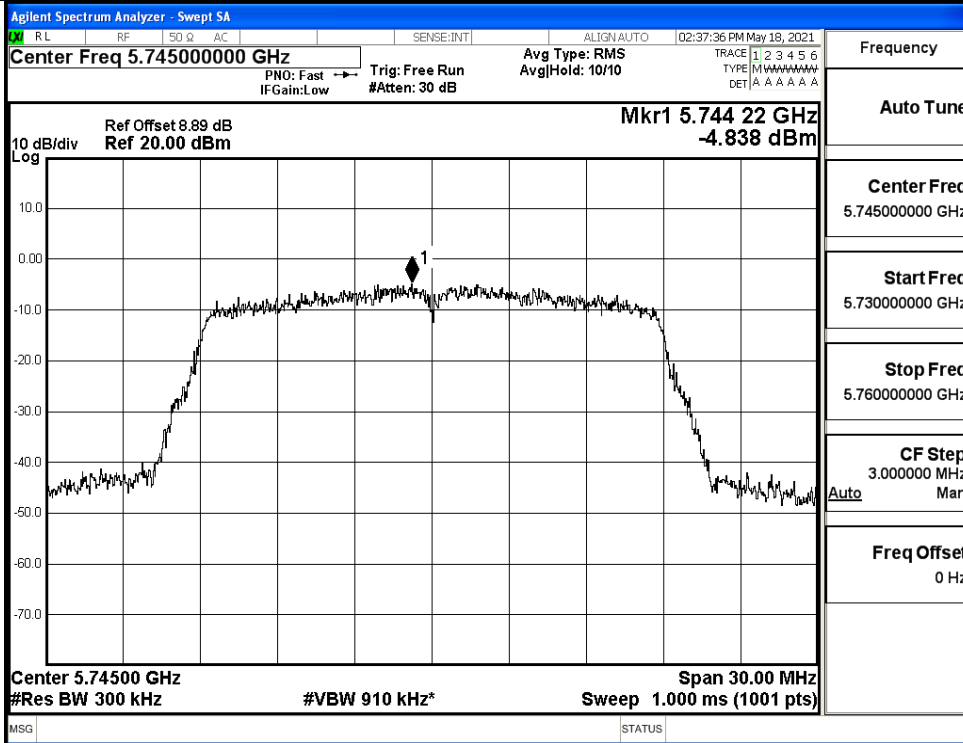


IEEE 802.11na / Channel 157 / 5785MHz

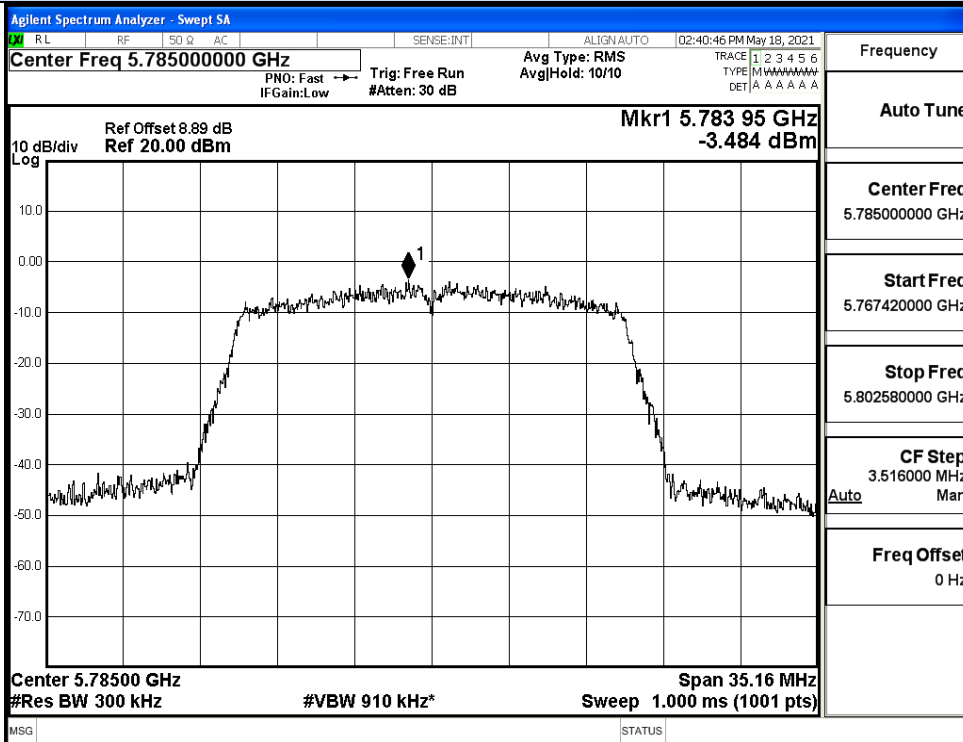


IEEE 802.11na / Channel 165 / 5825MHz

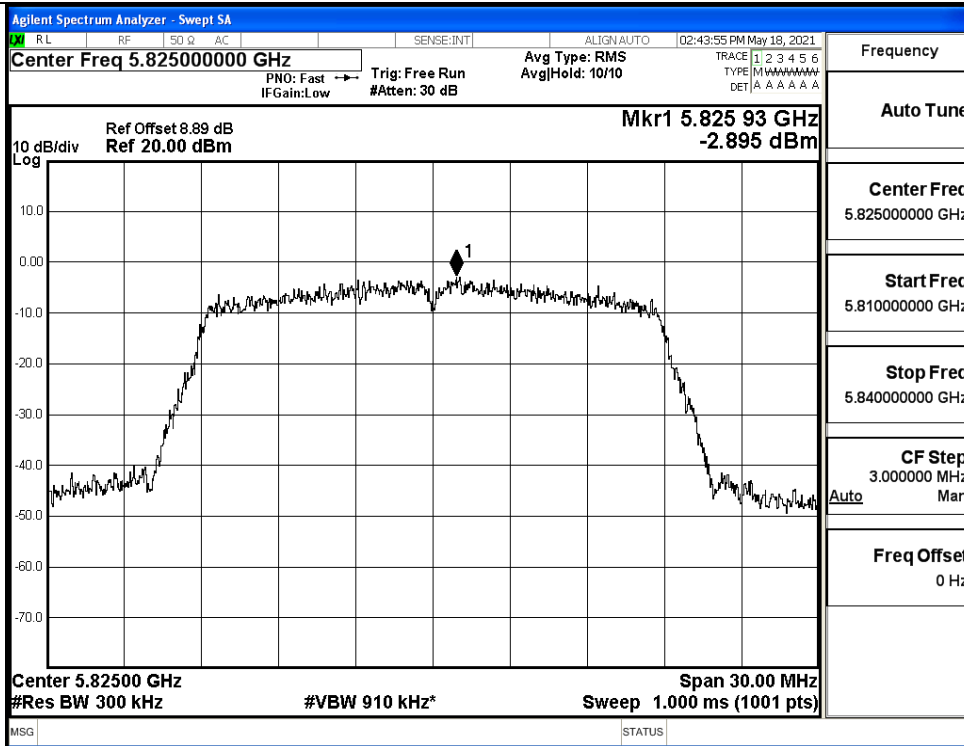
Power Spectral Density



IEEE 802.11n20 / Channel 149 / 5745MHz

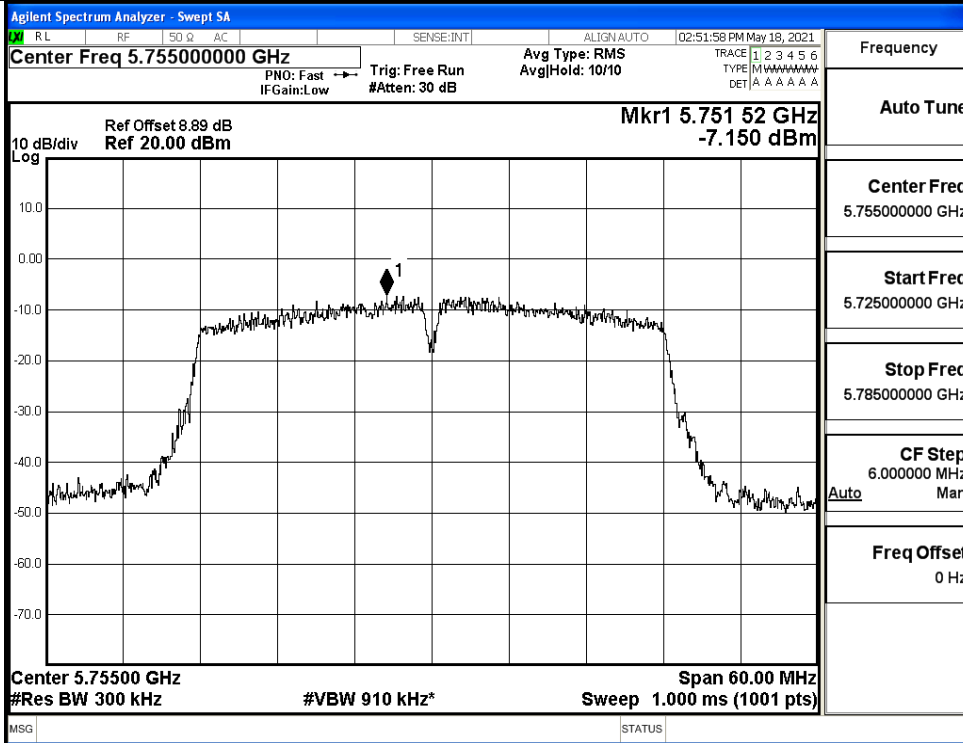


IEEE 802.11n20 / Channel 157 / 5785MHz

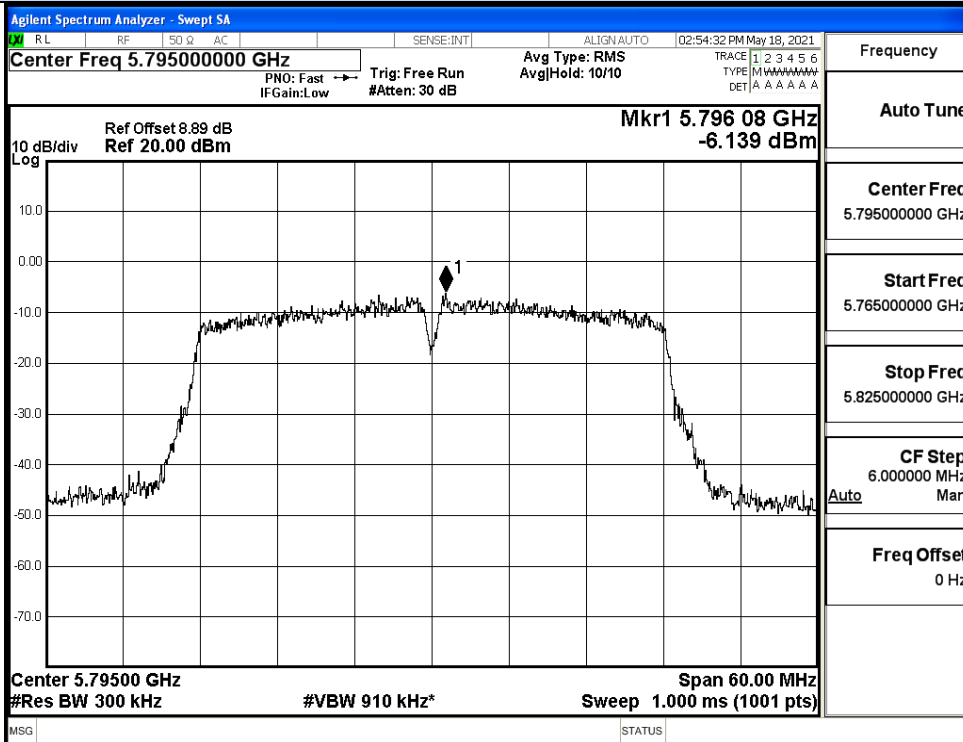


IEEE 802.11n20 / Channel 165 / 5825MHz

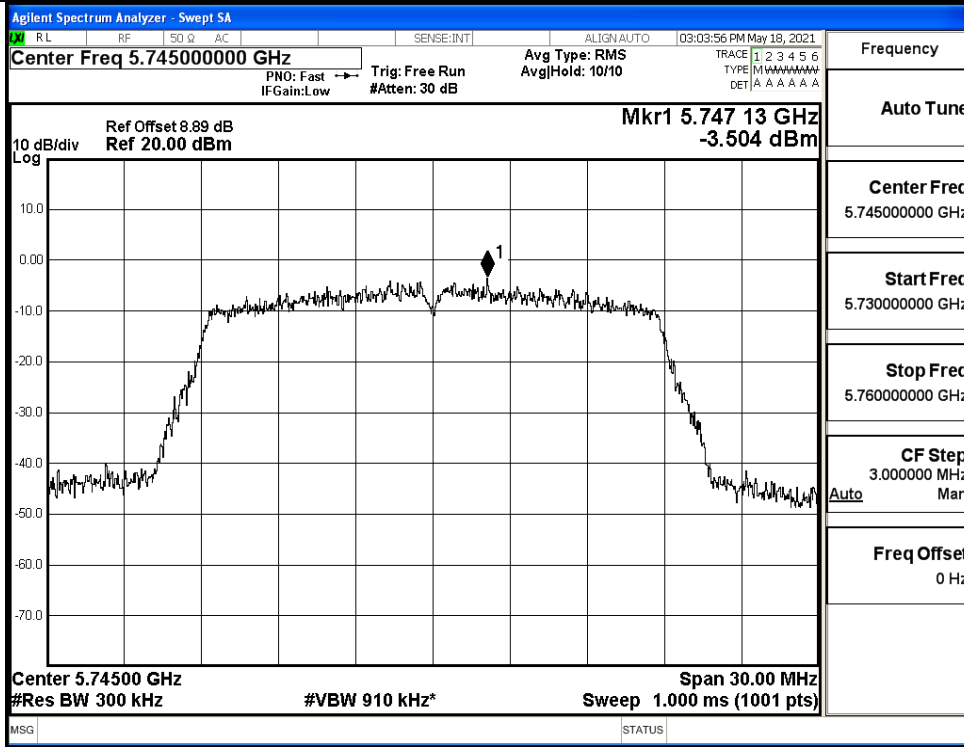
Power Spectral Density



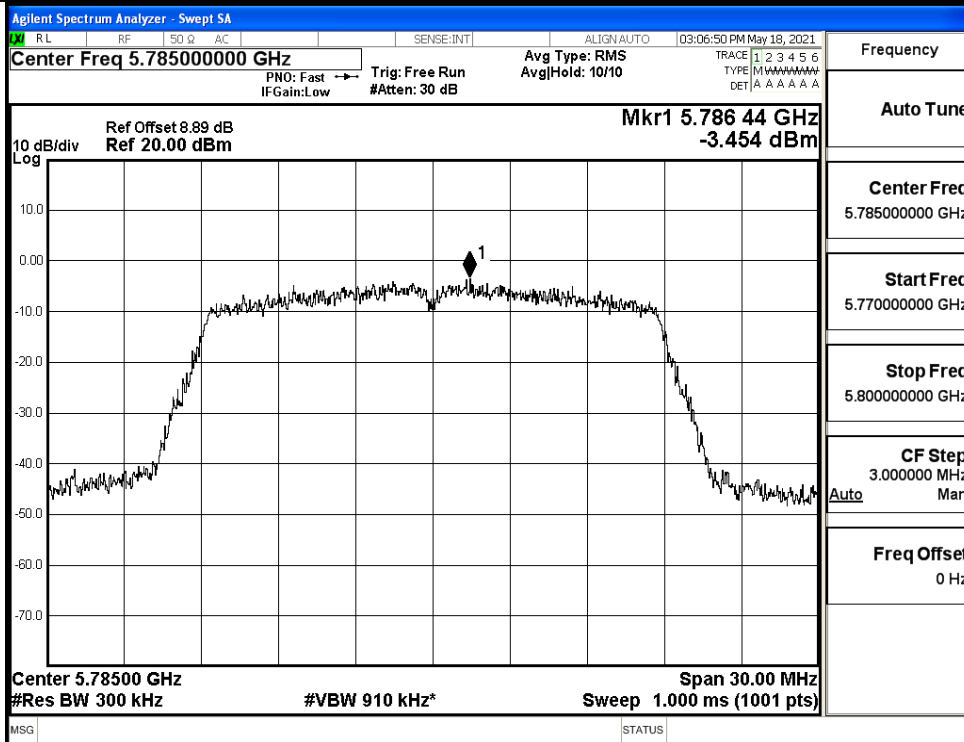
IEEE 802.11n40 / Channel 151 / 5755MHz



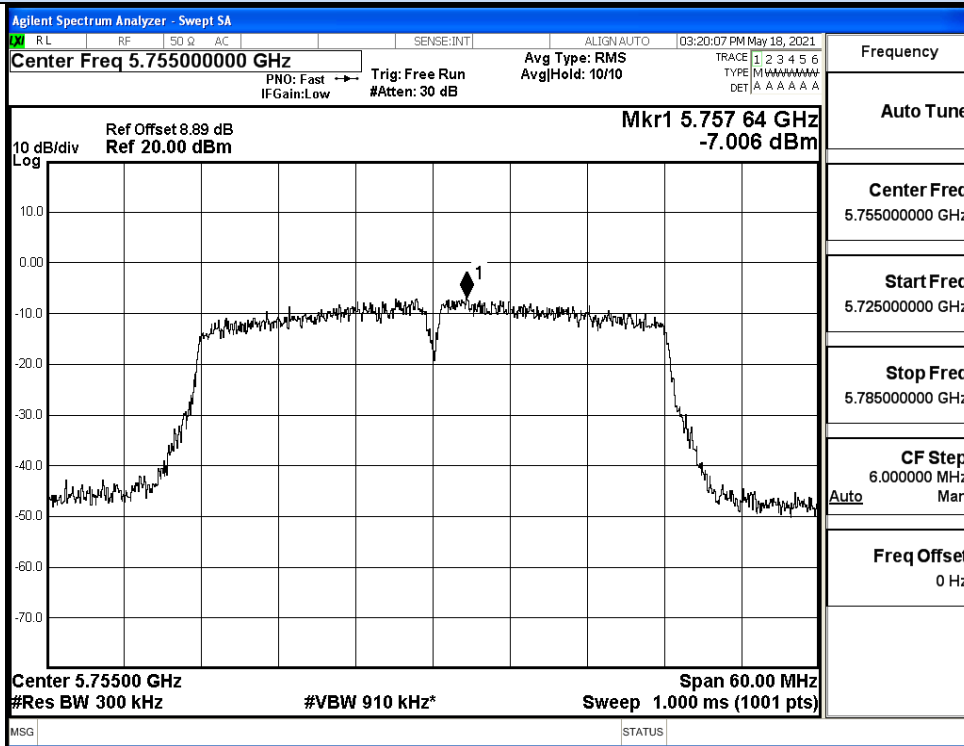
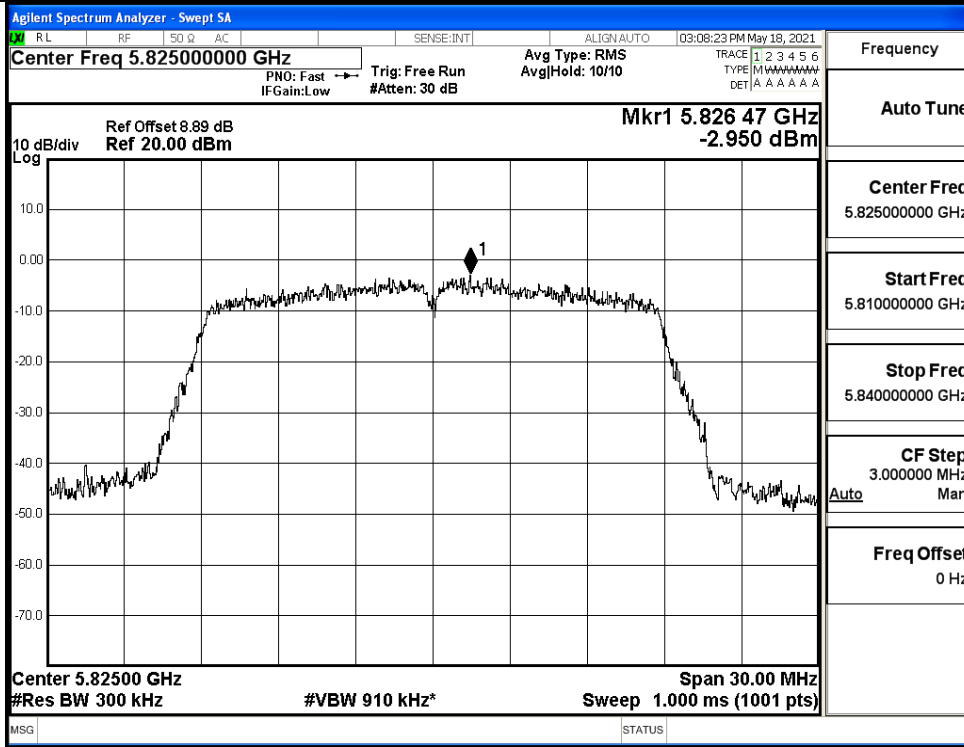
IEEE 802.11n40 / Channel 159 / 5795MHz



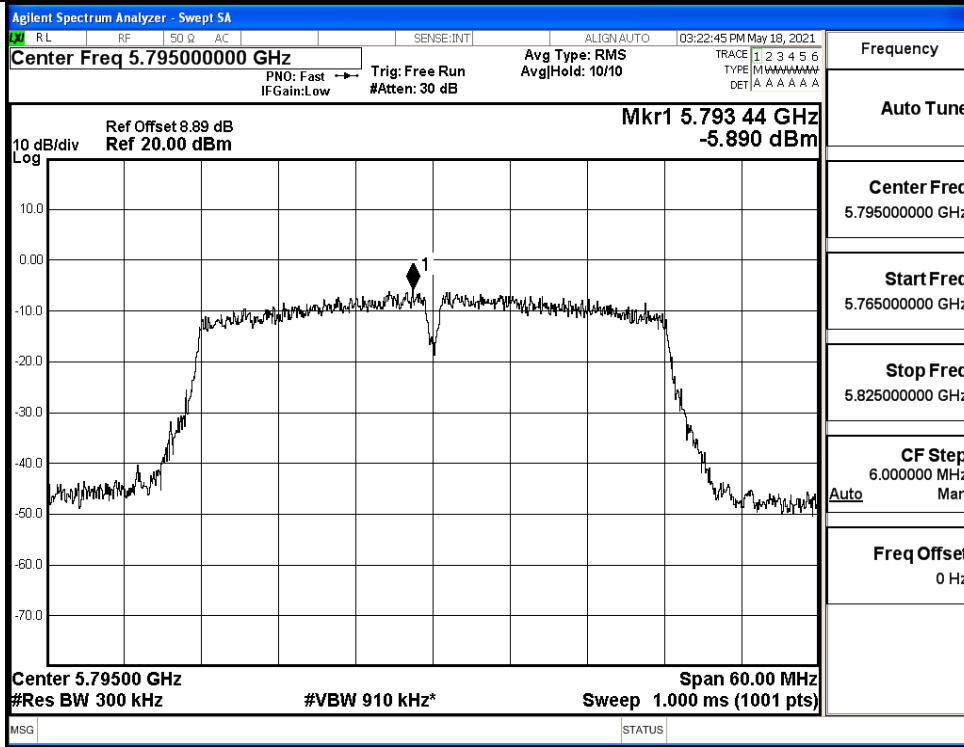
IEEE 802.11ac20 / Channel 149 / 5745MHz



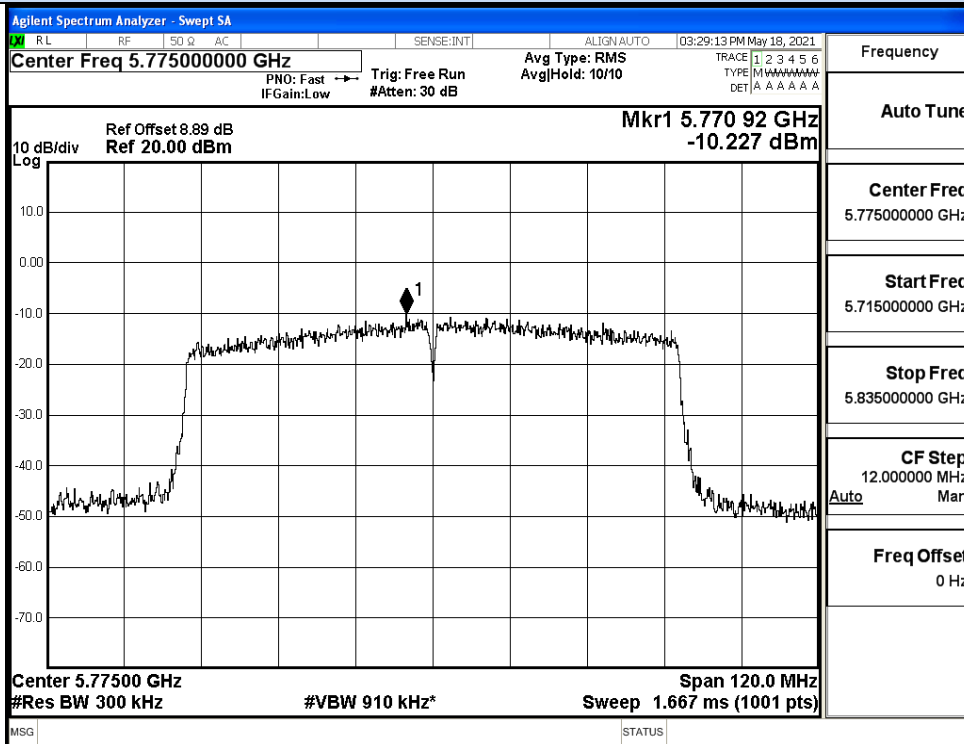
IEEE 802.11ac20 / Channel 157 / 5785MHz







IEEE 802.11ac40 / Channel 159 / 5795MHz



IEEE 802.11ac80 / Channel 155/ 5775MHz

## MIMO

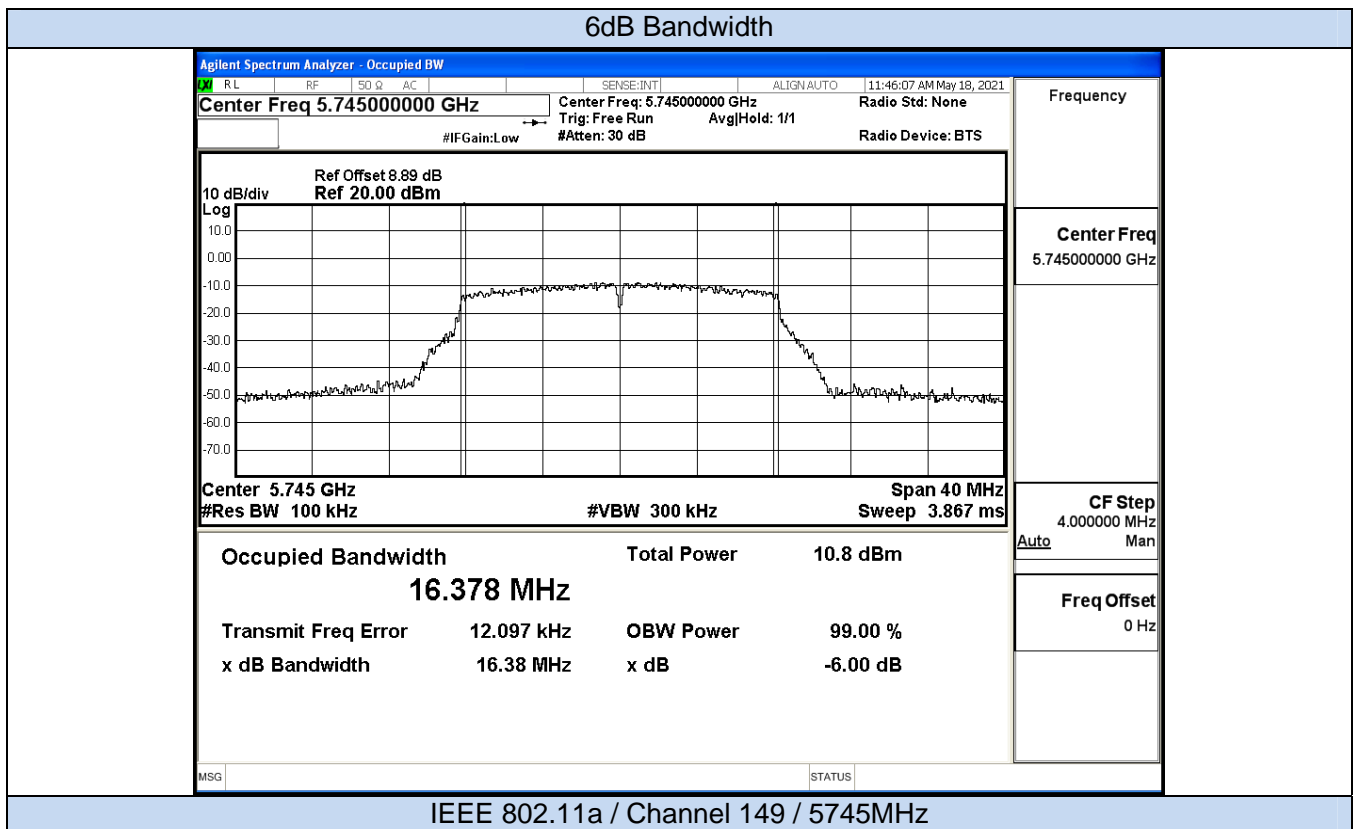
Test Mode	Channel	Frequency (MHz)	ANT 0 Power Density (dBm/300K Hz)	ANT 1 Power Density (dBm/300K Hz)	MIMO Power Density (dBm/300K Hz)	Duty Cycle Factor (dB)	RBW Factor (dB)	Report Power Density (dBm/500K Hz)	Report Power Density (dBm/500K Hz)	Verdict
11N20	149	5745	-4.42	-4.84	-1.61	0	2.218	0.61	29.99	Pass
	157	5785	-3.77	-3.48	-0.61	0	2.218	1.60		Pass
	165	5825	-3.35	-2.90	-0.11	0	2.218	2.11		Pass
11N40	151	5755	-7.07	-7.15	-4.10	0	2.218	-1.88	29.99	Pass
	159	5795	-5.91	-6.14	-3.01	0	2.218	-0.79		Pass
11AC20	149	5745	-4.42	-3.50	-0.93	0	2.218	1.29	29.99	Pass
	157	5785	-3.70	-3.45	-0.56	0	2.218	1.65		Pass
	165	5825	-3.01	-2.95	0.03	0	2.218	2.25		Pass
11AC40	151	5755	-7.31	-7.01	-4.15	0	2.218	-1.93	29.99	Pass
	159	5795	-6.89	-5.89	-3.35	0	2.218	-1.13		Pass
11AC80	155	5775	-10.07	-10.23	-7.14	0	2.218	-4.92	29.99	Pass

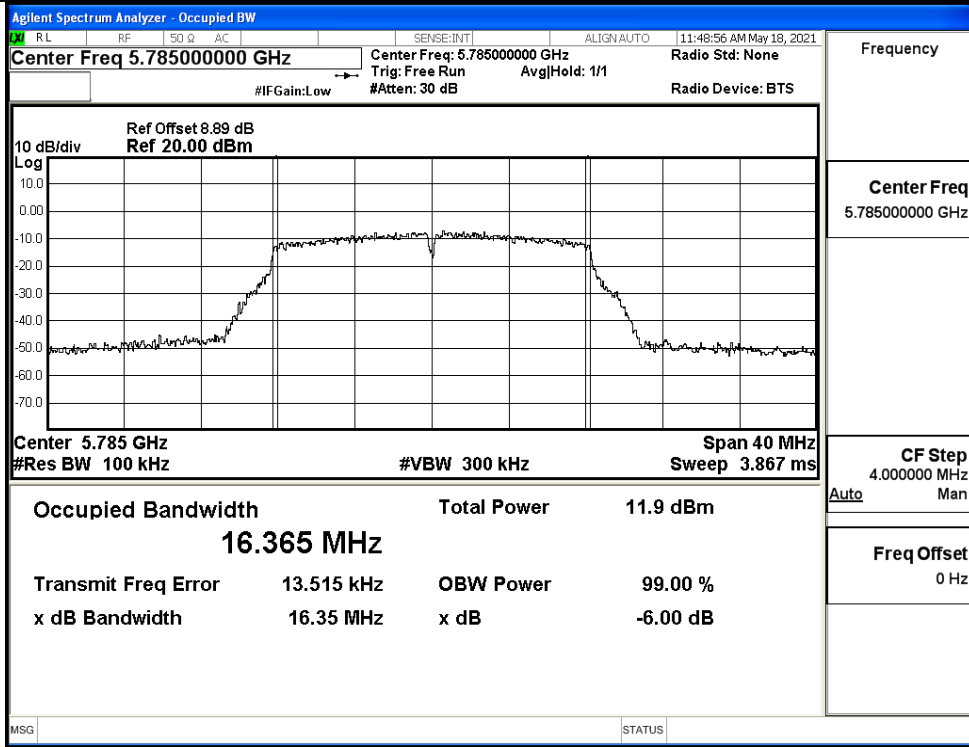
Directional gain=3dBi+10 log (2) = 6.01dBi > 6dBi, So the power density limit shall be reduced to 30-(6.01-6) = 29.99

### E.4 Emission Bandwidth

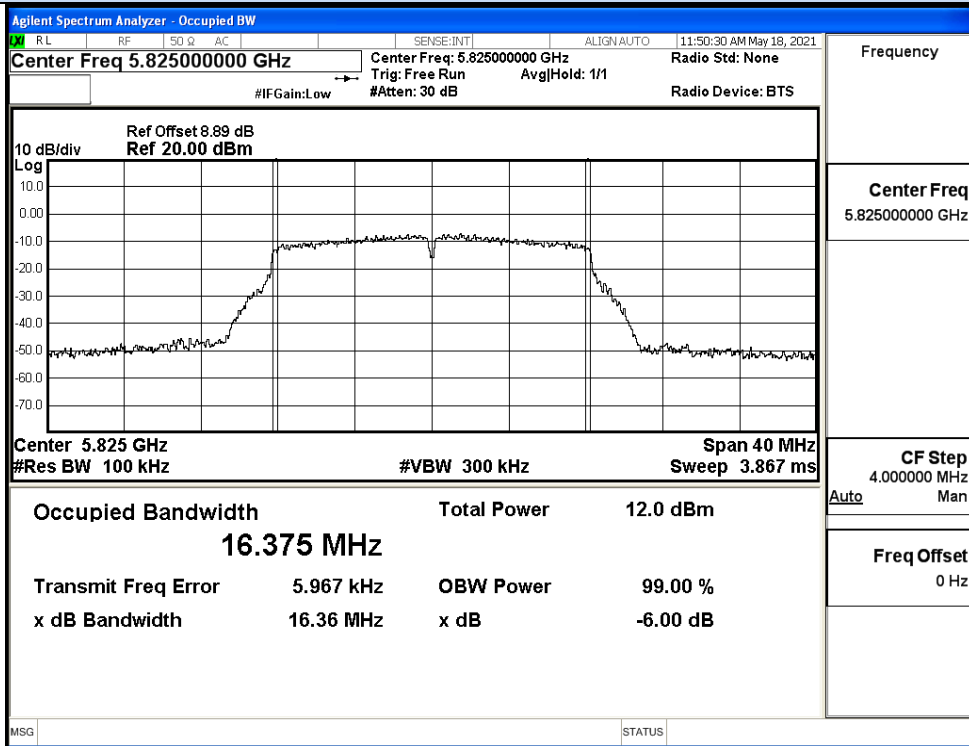
ANT0

Test Mode	Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	Verdict
11A	149	5745	16.38	>=0.5	Pass
	157	5785	16.35		Pass
	165	5825	16.36		Pass
11N20 SISO	149	5745	17.59	>=0.5	Pass
	157	5785	17.62		Pass
	165	5825	17.63		Pass
11N40 SISO	151	5755	35.71	>=0.5	Pass
	159	5795	35.68		Pass
11AC20S ISO	149	5745	17.38	>=0.5	Pass
	157	5785	17.61		Pass
	165	5825	17.59		Pass
11AC40S ISO	151	5755	36.13	>=0.5	Pass
	159	5795	36.12		Pass
11AC80S ISO	155	5775	76.23	>=0.5	Pass





IEEE 802.11a / Channel 157 / 5785MHz



IEEE 802.11a / Channel 165 / 5825MHz

6dB Bandwidth

Agilent Spectrum Analyzer - Occupied BW

RL	RF	50 Ω	AC	SENSE:INT	ALIGN:AUTO	12:18:06 PM May 18, 2021
Center Freq 5.745000000 GHz				Center Freq: 5.745000000 GHz	Trig: Free Run	Avg/Hold: 1/1
#IFGain:Low				#Atten: 30 dB	Radio Device: BTS	

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	11.3 dBm
<b>17.549 MHz</b>		
Transmit Freq Error	16.115 kHz	OBW Power 99.00 %
x dB Bandwidth	17.59 MHz	x dB -6.00 dB

Frequency: 5.745000000 GHz  
CF Step: 4.000000 MHz (Auto)  
Freq Offset: 0 Hz

IEEE 802.11n20 / Channel 149 / 5745MHz

Agilent Spectrum Analyzer - Occupied BW

RL	RF	50 Ω	AC	SENSE:INT	ALIGN:AUTO	12:20:46 PM May 18, 2021
Center Freq 5.785000000 GHz				Center Freq: 5.785000000 GHz	Trig: Free Run	Avg/Hold: 1/1
#IFGain:Low				#Atten: 30 dB	Radio Device: BTS	

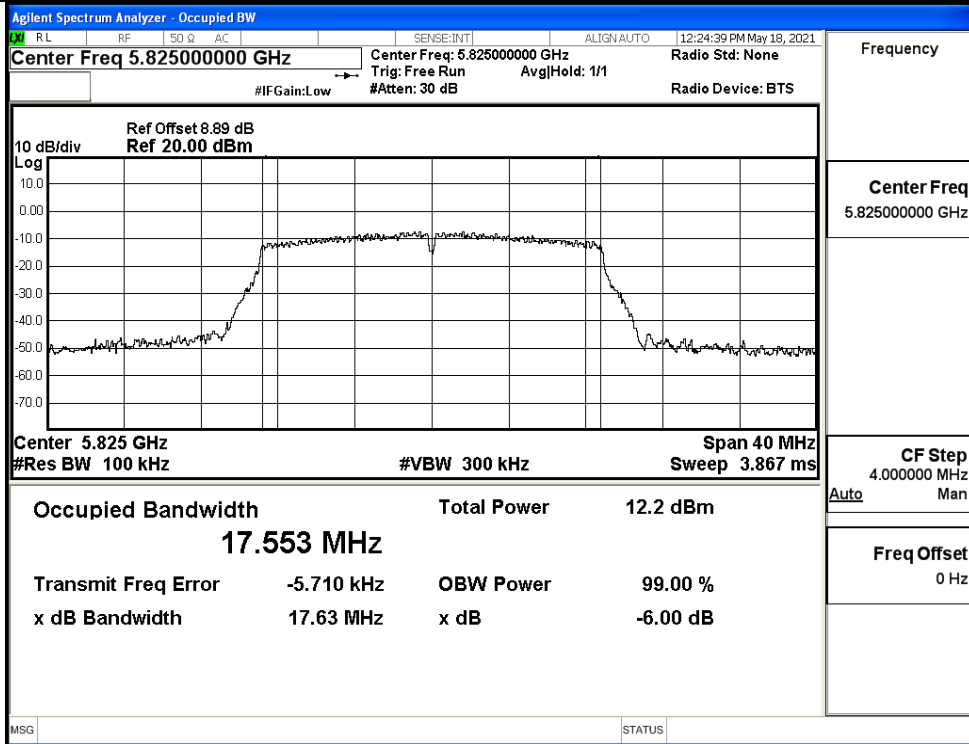
Ref Offset 8.89 dB  
Ref 20.00 dBm

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

Occupied Bandwidth	Total Power	11.8 dBm
<b>17.573 MHz</b>		
Transmit Freq Error	13.340 kHz	OBW Power 99.00 %
x dB Bandwidth	17.62 MHz	x dB -6.00 dB

Frequency: 5.785000000 GHz  
CF Step: 4.000000 MHz (Auto)  
Freq Offset: 0 Hz

IEEE 802.11n20 / Channel 157 / 5785MHz



IEEE 802.11n20 / Channel 165 / 5825MHz

26dB Bandwidth

Agilent Spectrum Analyzer - Occupied BW

RL	RF	50 Q	AC	SENSE:INTI	ALIGN:AUTO	12:34:10 PM May 18, 2021
Center Freq 5.755000000 GHz				Center Freq: 5.755000000 GHz	Trig: Free Run	AvglHold: 1/1
#IFGain:Low				#Atten: 30 dB	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	15.1 dBm
<b>35.907 MHz</b>		
Transmit Freq Error	54.973 kHz	OBW Power
		99.00 %
x dB Bandwidth	35.71 MHz	x dB
		-6.00 dB

MSG      STATUS

IEEE 802.11n40 / Channel 151 / 5755MHz

Agilent Spectrum Analyzer - Occupied BW

RL	RF	50 Q	AC	SENSE:INTI	ALIGN:AUTO	12:37:14 PM May 18, 2021
Center Freq 5.795000000 GHz				Center Freq: 5.795000000 GHz	Trig: Free Run	AvglHold: 1/1
#IFGain:Low				#Atten: 30 dB	Radio Device: BTS	

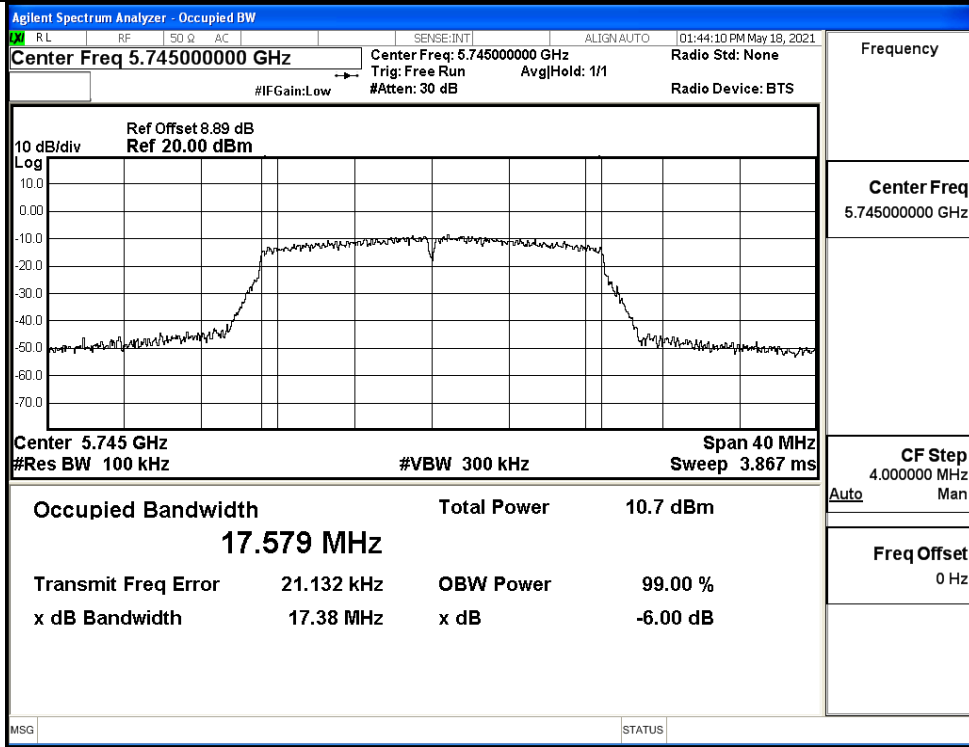
Ref Offset 8.89 dB  
Ref 20.00 dBm

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

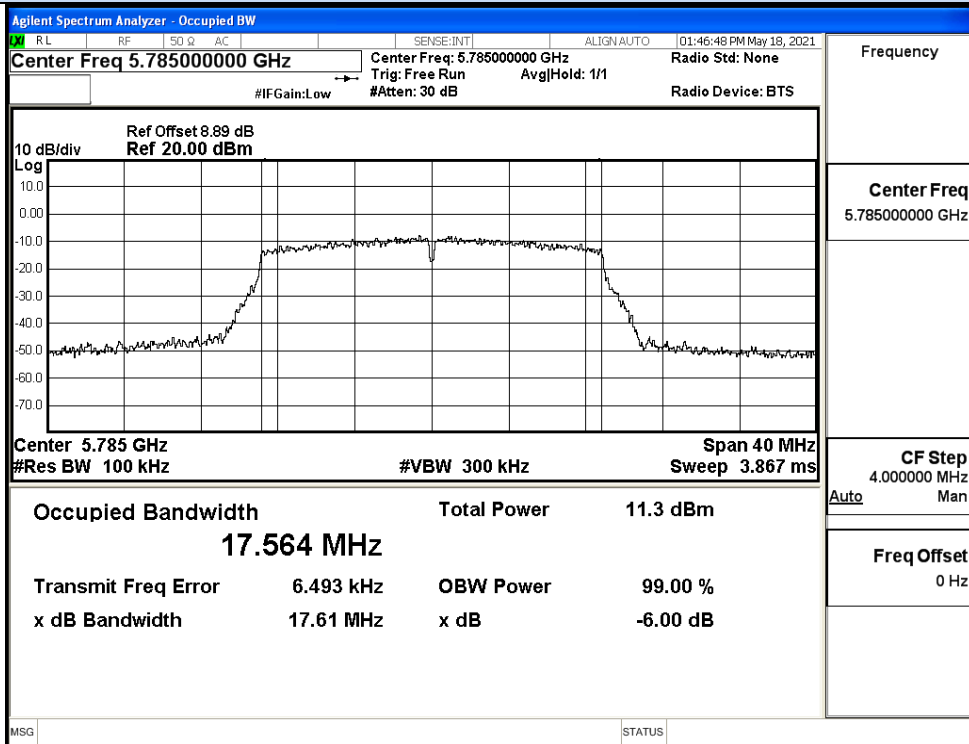
Occupied Bandwidth	Total Power	11.5 dBm
<b>35.923 MHz</b>		
Transmit Freq Error	19.940 kHz	OBW Power
		99.00 %
x dB Bandwidth	35.68 MHz	x dB
		-6.00 dB

MSG      STATUS

IEEE 802.11n40 / Channel 159 / 5795MHz

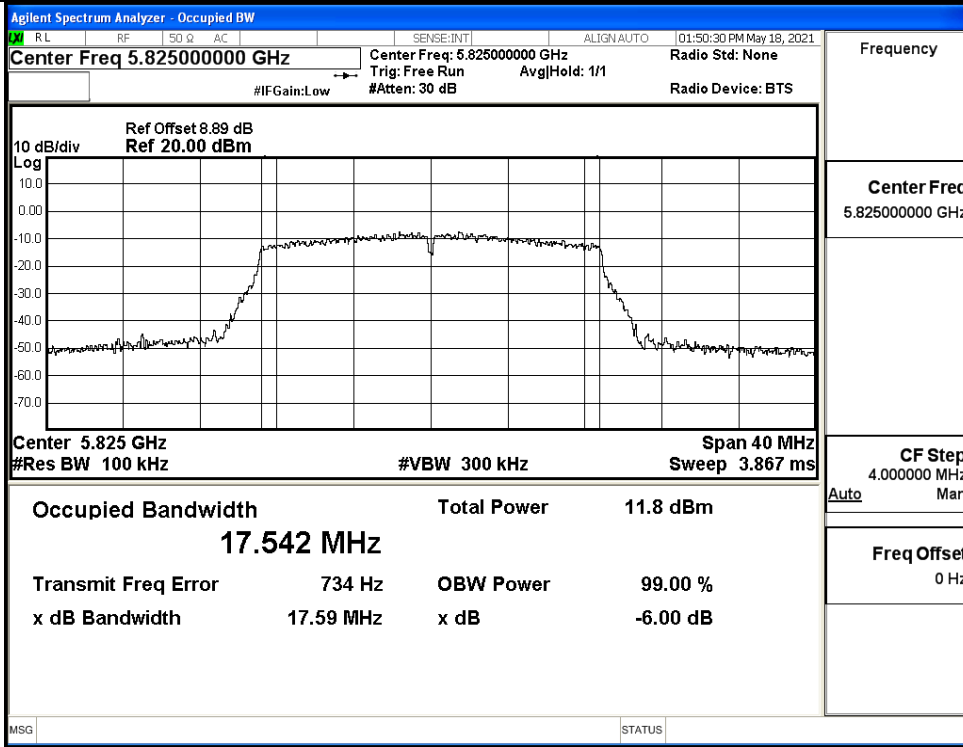


IEEE 802.11ac20 / Channel 149 / 5745MHz

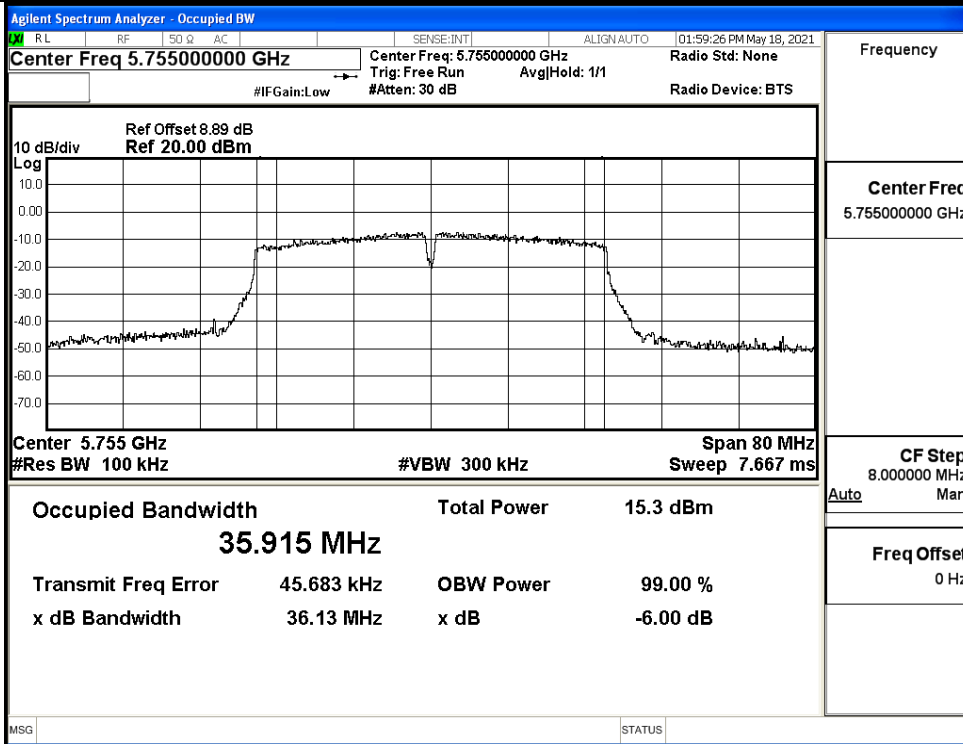


IEEE 802.11ac20 / Channel 157 / 5785MHz

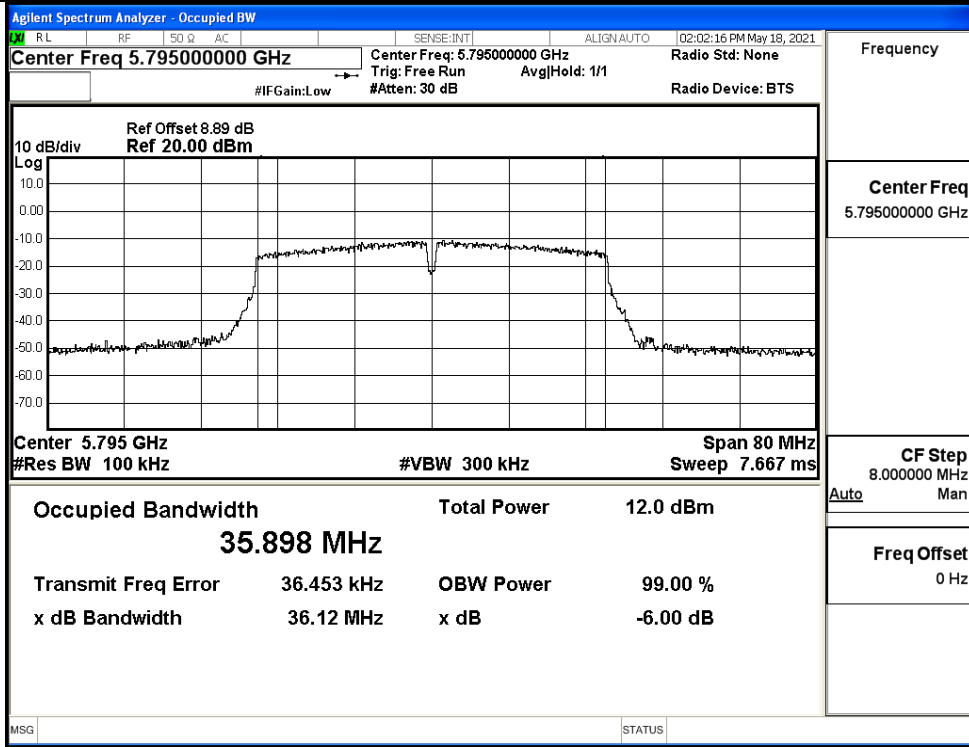




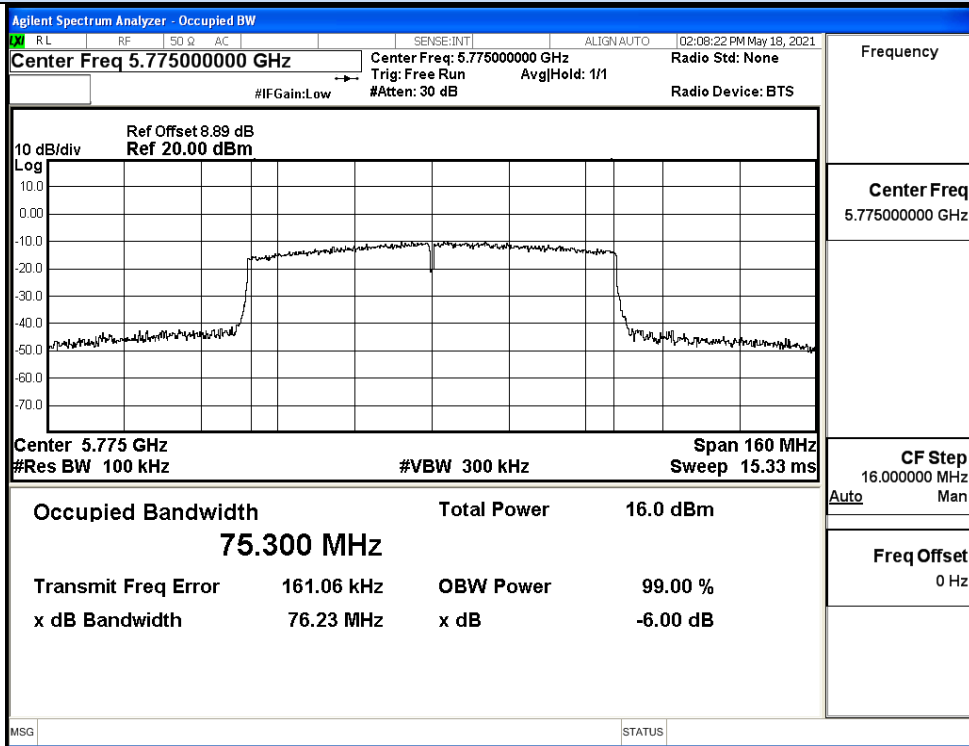
IEEE 802.11ac20 / Channel 165 / 5825MHz



IEEE 802.11ac40 / Channel 151 / 5755MHz



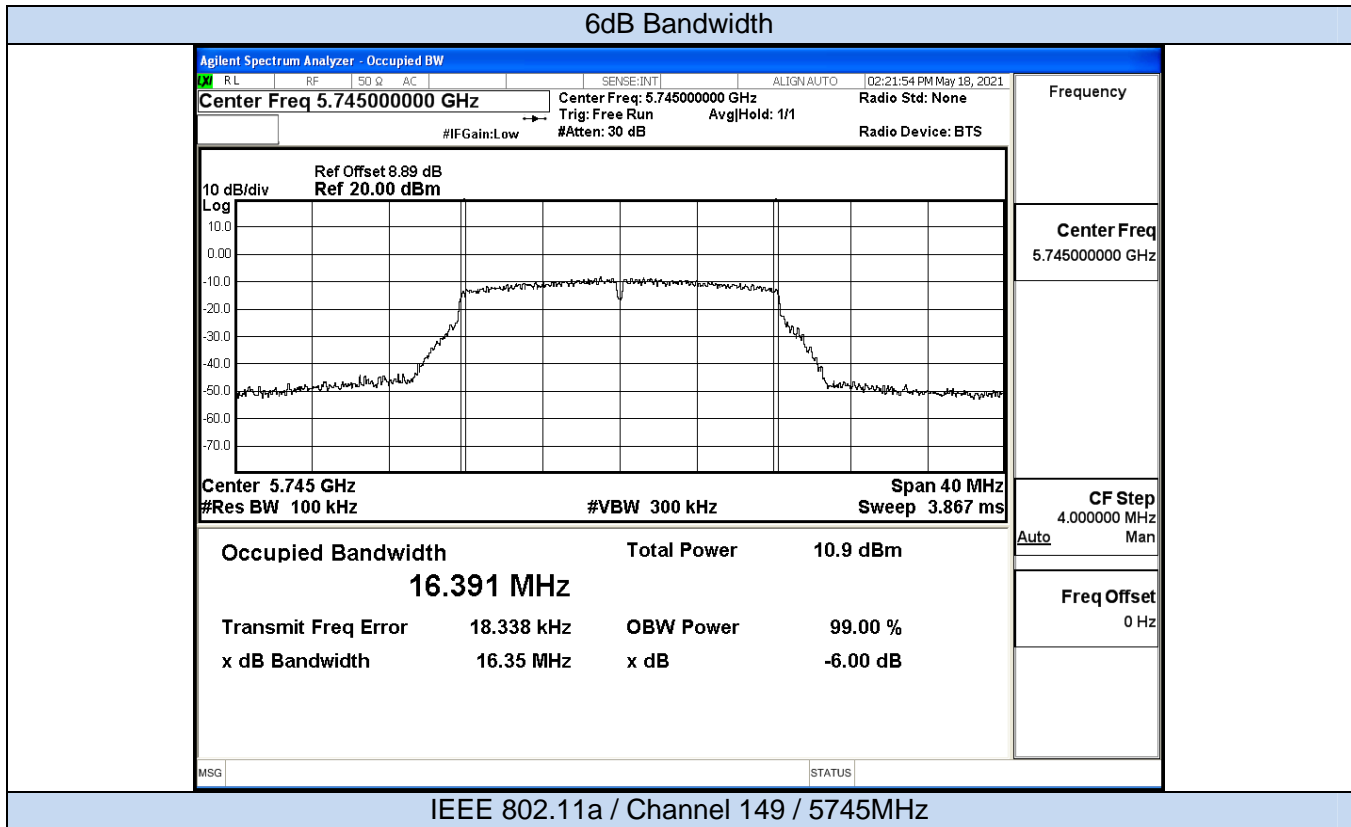
IEEE 802.11ac40 / Channel 159 / 5795MHz

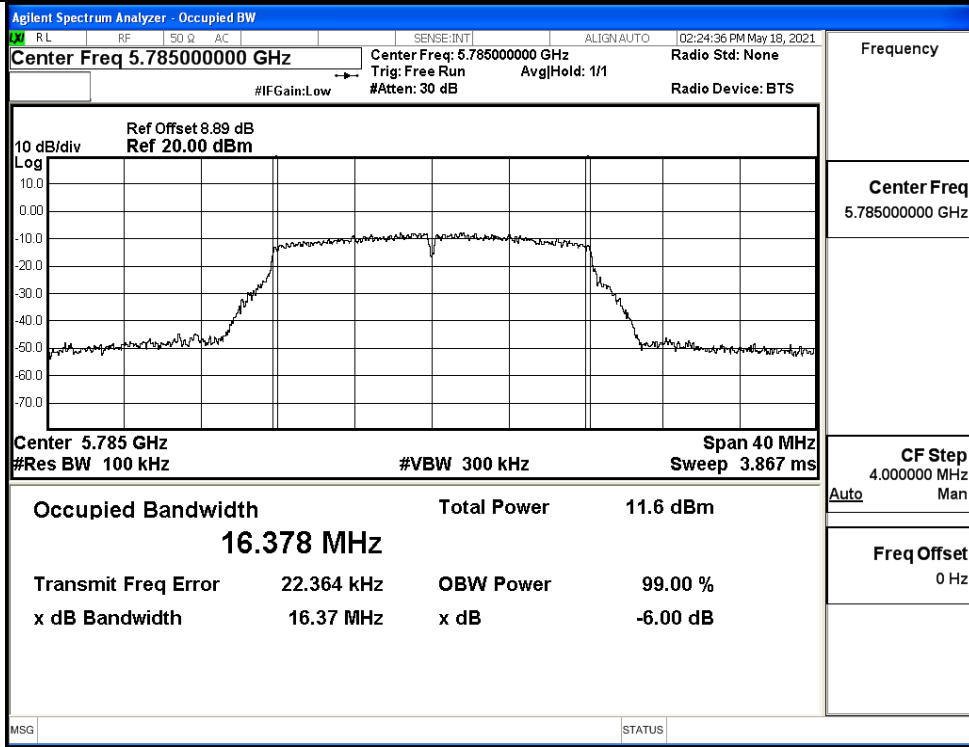


IEEE 802.11ac80 / Channel 155 / 5775MHz

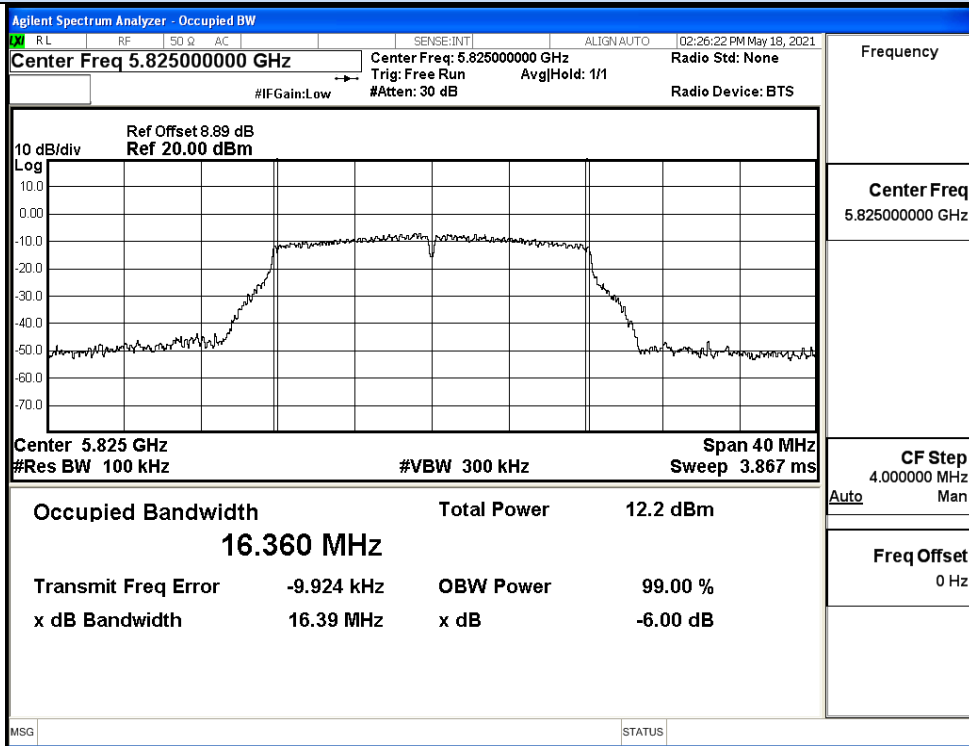
ANT1

Test Mode	Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	Verdict
11A	149	5745	16.35	>=0.5	Pass
	157	5785	16.37		Pass
	165	5825	16.39		Pass
11N20 SISO	149	5745	17.64	>=0.5	Pass
	157	5785	17.58		Pass
	165	5825	17.62		Pass
11N40 SISO	151	5755	36.07	>=0.5	Pass
	159	5795	36.02		Pass
11AC20S ISO	149	5745	17.63	>=0.5	Pass
	157	5785	17.62		Pass
	165	5825	17.60		Pass
11AC40S ISO	151	5755	35.75	>=0.5	Pass
	159	5795	36.14		Pass
11AC80S ISO	155	5775	76.00	>=0.5	Pass





IEEE 802.11a / Channel 157 / 5785MHz



IEEE 802.11a / Channel 165 / 5825MHz

6dB Bandwidth

Agilent Spectrum Analyzer - Occupied BW

RL	RF	50 Ω	AC	SENSE:INT	ALIGN:AUTO	02:36:50 PM May 18, 2021
Center Freq 5.74500000 GHz				Center Freq: 5.745000000 GHz	Radio Std: None	Frequency
#IFGain:Low				Trig: Free Run	AvglHold: 1/1	Radio Device: BTS
#Atten: 30 dB						

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	10.8 dBm
<b>17.558 MHz</b>		
Transmit Freq Error	15.867 kHz	OBW Power 99.00 %
x dB Bandwidth	17.64 MHz	x dB -6.00 dB

CF Step 4.000000 MHz  
Auto Man  
Freq Offset 0 Hz

MSG STATUS

IEEE 802.11n20 / Channel 149 / 5745MHz

Agilent Spectrum Analyzer - Occupied BW

RL	RF	50 Ω	AC	SENSE:INT	ALIGN:AUTO	02:40:01 PM May 18, 2021
Center Freq 5.78500000 GHz				Center Freq: 5.785000000 GHz	Radio Std: None	Frequency
#IFGain:Low				Trig: Free Run	AvglHold: 1/1	Radio Device: BTS
#Atten: 30 dB						

Ref Offset 8.89 dB  
Ref 20.00 dBm

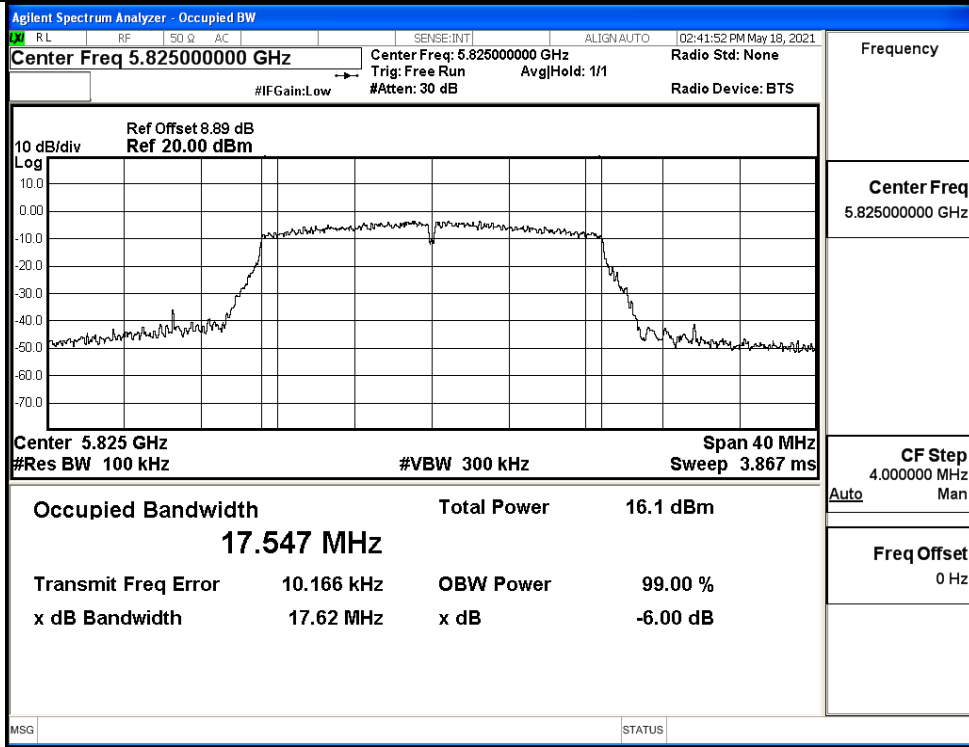
Center 5.785 GHz Span 40 MHz  
#Res BW 100 kHz #VBW 300 kHz Sweep 3.867 ms

Occupied Bandwidth	Total Power	11.5 dBm
<b>17.552 MHz</b>		
Transmit Freq Error	3.279 kHz	OBW Power 99.00 %
x dB Bandwidth	17.58 MHz	x dB -6.00 dB

CF Step 4.000000 MHz  
Auto Man  
Freq Offset 0 Hz

MSG STATUS

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	02:51:13 PM May 18, 2021
Center Freq 5.75500000 GHz				Center Freq: 5.755000000 GHz	Trig: Free Run	Avg/Hold: 1/1
#IFGain:Low				#Atten: 30 dB	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	11.4 dBm
<b>35.938 MHz</b>		
Transmit Freq Error	44.255 kHz	OBW Power 99.00 %
x dB Bandwidth	36.07 MHz	x dB -6.00 dB

Frequency: 5.755000000 GHz  
CF Step: 8.000000 MHz  
Freq Offset: 0 Hz

IEEE 802.11n40 / Channel 151 / 5755MHz

Agilent Spectrum Analyzer - Occupied BW

RL	RF	50 Ω	AC	SENSE:INT	ALIGN:AUTO	02:53:47 PM May 18, 2021
Center Freq 5.79500000 GHz				Center Freq: 5.795000000 GHz	Trig: Free Run	Avg/Hold: 1/1
#IFGain:Low				#Atten: 30 dB	Radio Device: BTS	

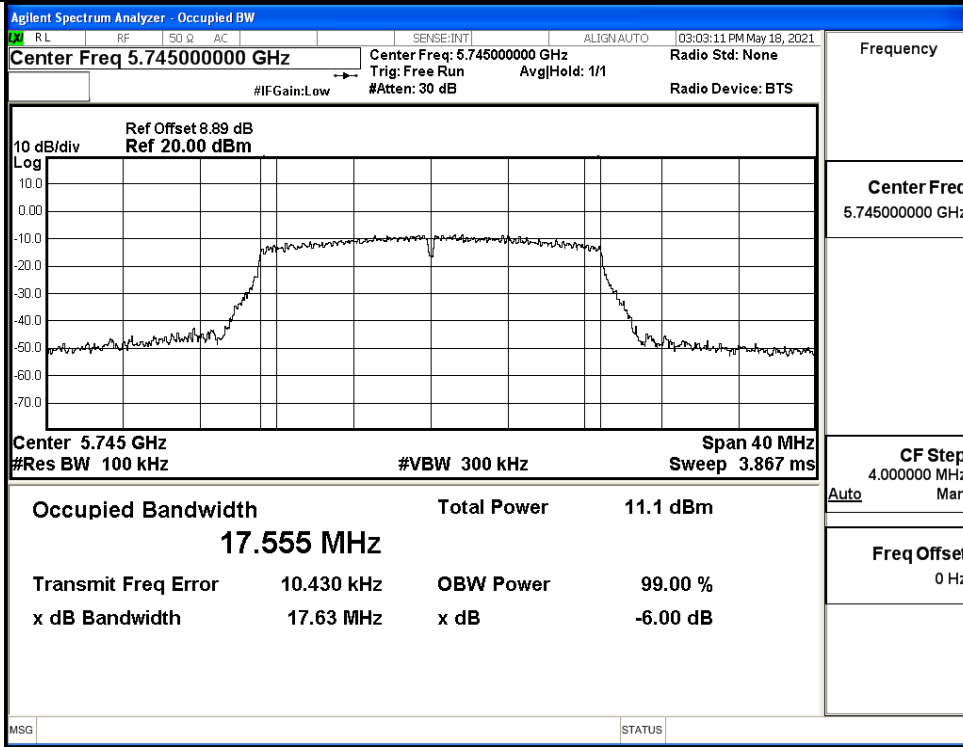
Ref Offset 8.89 dB  
Ref 20.00 dBm

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

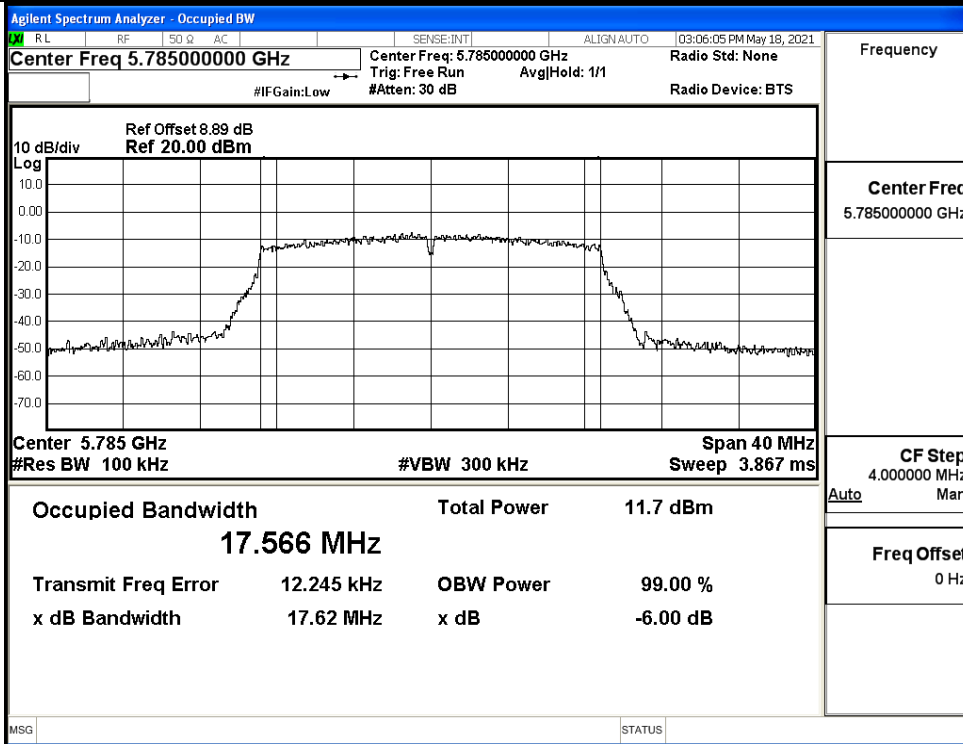
Occupied Bandwidth	Total Power	12.0 dBm
<b>35.918 MHz</b>		
Transmit Freq Error	48.529 kHz	OBW Power 99.00 %
x dB Bandwidth	36.02 MHz	x dB -6.00 dB

Frequency: 5.795000000 GHz  
CF Step: 8.000000 MHz  
Freq Offset: 0 Hz

IEEE 802.11n40 / Channel 159 / 5795MHz

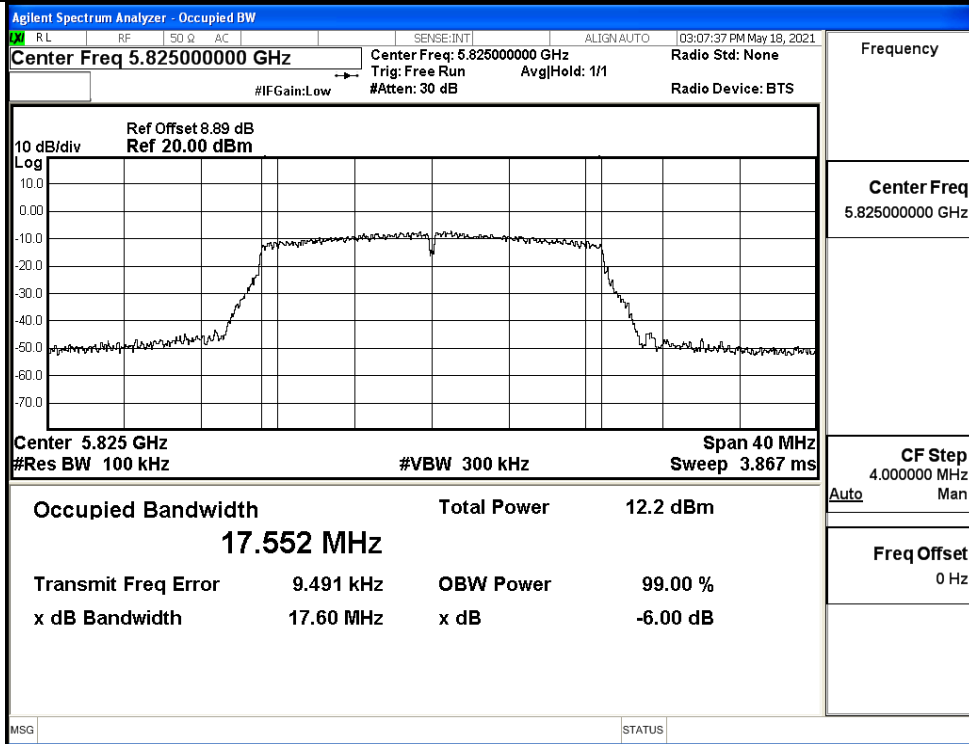


IEEE 802.11ac20 / Channel 149 / 5745MHz

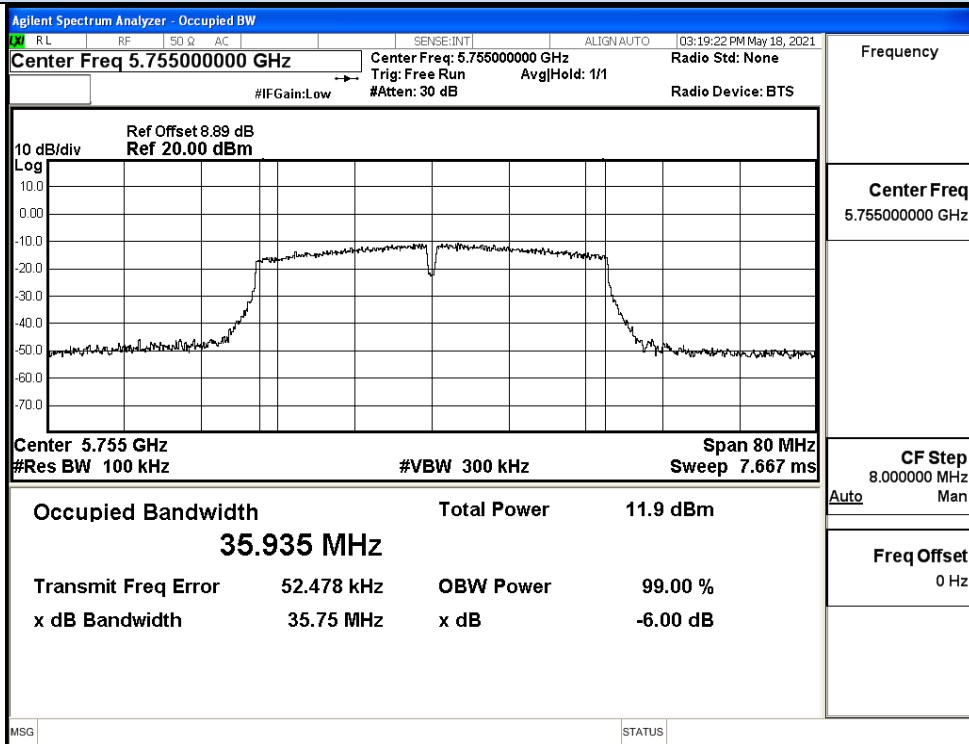


IEEE 802.11ac20 / Channel 157 / 5785MHz

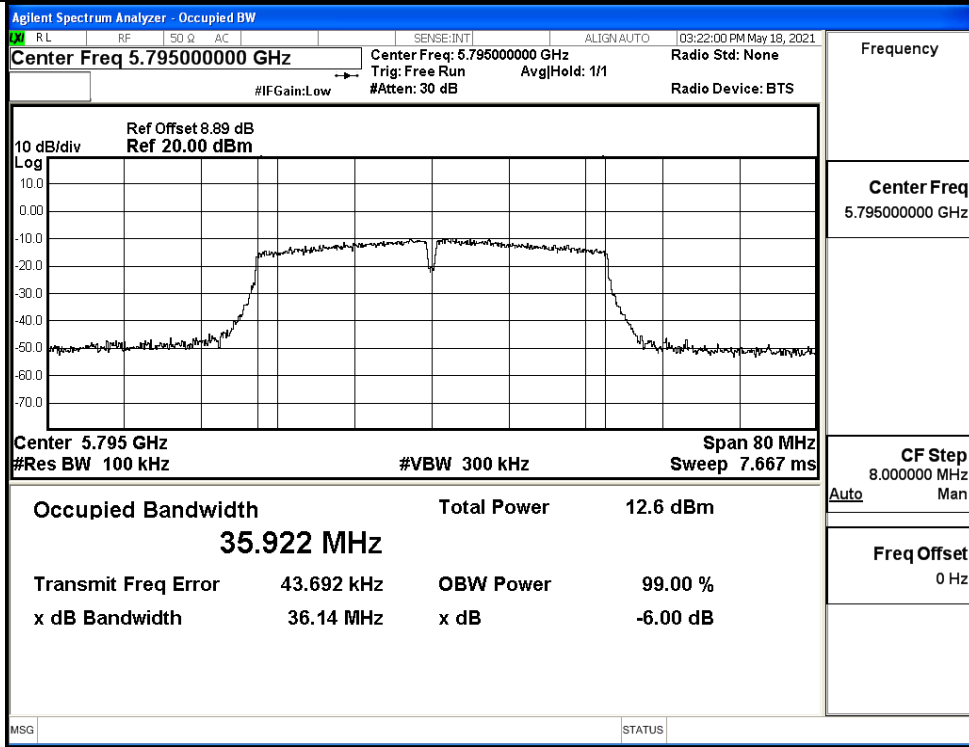




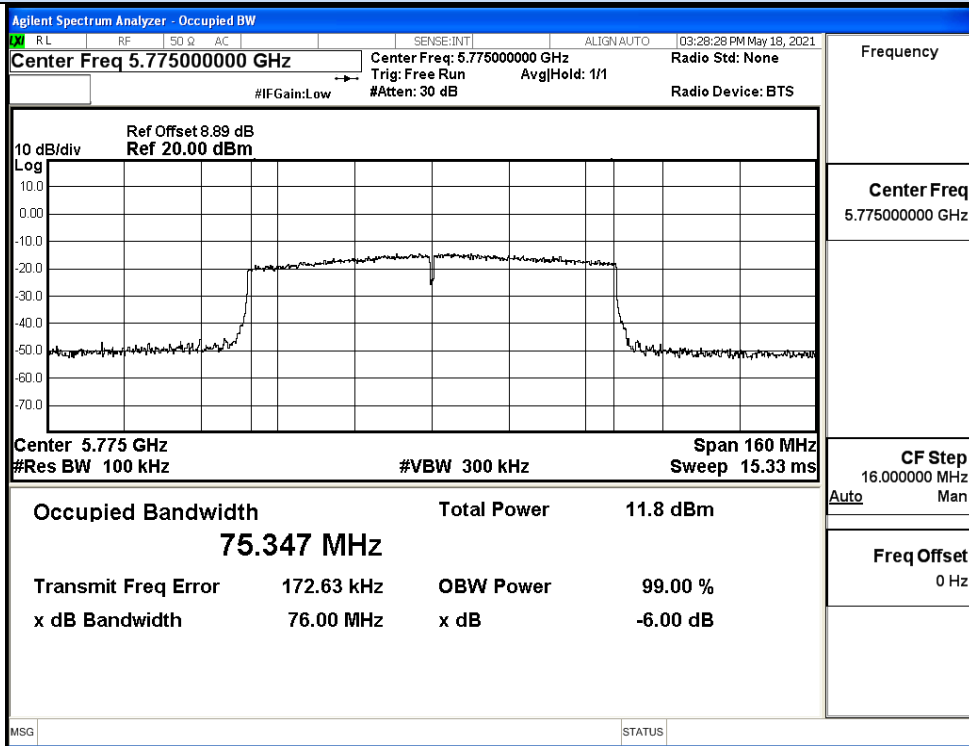
IEEE 802.11ac20 / Channel 165 / 5825MHz



IEEE 802.11ac40 / Channel 151 / 5755MHz



IEEE 802.11ac40 / Channel 159 / 5795MHz



IEEE 802.11ac80 / Channel 155 / 5775MHz

### E.5 Undesirable Emissions Measurement

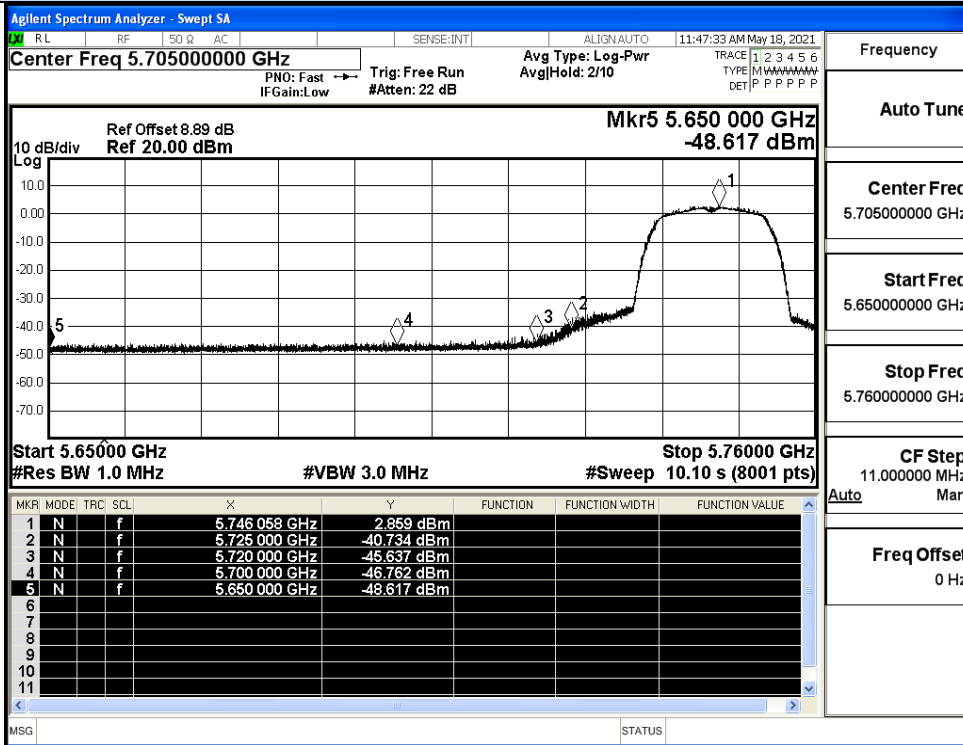
ANTO

Test Mode	Channel	Frequency (MHz)	Conducted Power (dBm)	Antenna Gain (dBi)	EIRP (dBm/MHz)	Detector	Limit (dBm/MHz)	Verdict
11A	149	5650.0	-48.62	3.0	-45.62	Peak	-27.0	Pass
		5650.0	-60.34	3.0	-57.34	Average	-27.0	Pass
		5700.0	-46.76	3.0	-43.76	Peak	10	Pass
		5700.0	-59.57	3.0	-56.57	Average	10	Pass
		5720.0	-45.64	3.0	-42.64	Peak	15.6	Pass
		5720.0	-58.76	3.0	-55.76	Average	15.6	Pass
		5725.0	-40.73	3.0	-37.73	Peak	27.0	Pass
	5725.0	-56.05	3.0	-53.05	Average	27.0	Pass	
	165	5850.0	-45.39	3.0	-42.39	Peak	27.0	Pass
		5850.0	-57.76	3.0	-54.76	Average	27.0	Pass
		5855.0	-45.65	3.0	-42.65	Peak	15.6	Pass
		5855.0	-58.16	3.0	-55.16	Average	15.6	Pass
		5875.0	-47.03	3.0	-44.03	Peak	10	Pass
		5875.0	-58.69	3.0	-55.69	Average	10	Pass
5925.0		-46.47	3.0	-43.47	Peak	-27.0	Pass	
5925.0	-59.77	3.0	-56.77	Average	-27.0	Pass		
11N20 SISO	149	5650.0	-48.30	3.0	-45.30	Peak	-27.0	Pass
		5650.0	-60.27	3.0	-57.27	Average	-27.0	Pass
		5700.0	-47.85	3.0	-44.85	Peak	10	Pass
		5700.0	-58.08	3.0	-55.08	Average	10	Pass
		5720.0	-46.07	3.0	-43.07	Peak	15.6	Pass
		5720.0	-59.52	3.0	-56.52	Average	15.6	Pass
		5725.0	-39.29	3.0	-36.29	Peak	27.0	Pass
	5725.0	-54.94	3.0	-51.94	Average	27.0	Pass	
	165	5850.0	-45.66	3.0	-42.66	Peak	27.0	Pass
		5850.0	-57.83	3.0	-54.83	Average	27.0	Pass
		5855.0	-46.92	3.0	-43.92	Peak	15.6	Pass
		5855.0	-58.29	3.0	-55.29	Average	15.6	Pass
		5875.0	-46.70	3.0	-43.70	Peak	10	Pass
		5875.0	-58.79	3.0	-55.79	Average	10	Pass
5925.0		-47.06	3.0	-44.06	Peak	-27.0	Pass	
5925.0	-59.88	3.0	-56.88	Average	-27.0	Pass		

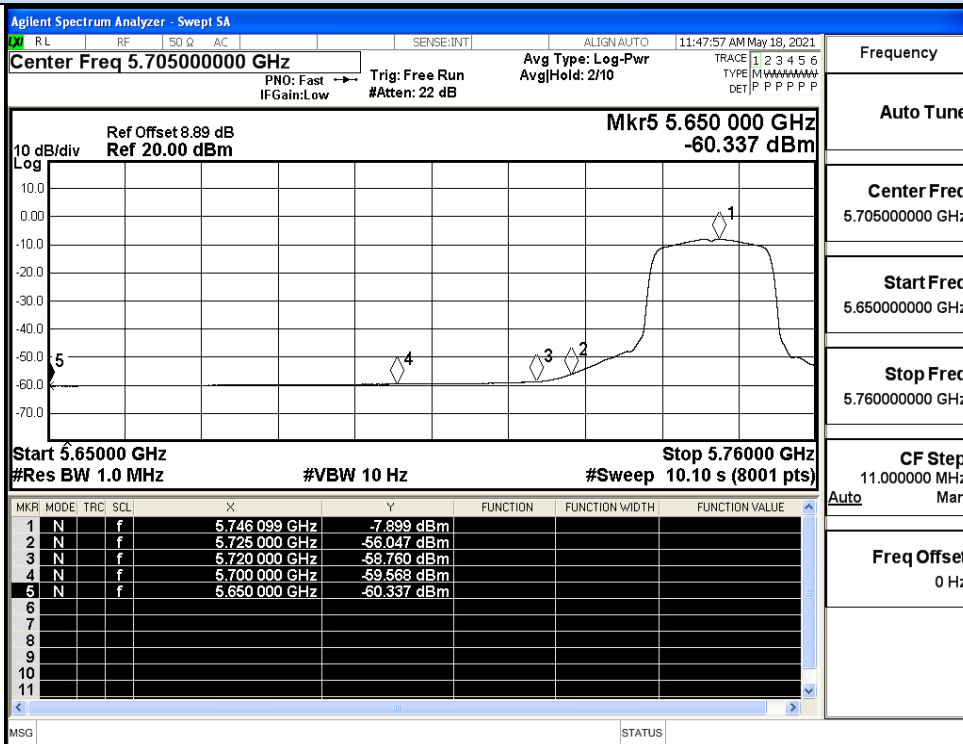
Test Mode	Channel	Frequency (MHz)	Conducted Power (dBm)	Antenna Gain (dBi)	EIRP (dBm/MHz)	Detector	Limit (dBm/MHz)	Verdict
11N40 SISO	151	5650.0	-48.31	3.0	-45.31	Peak	-27.0	Pass
		5650.0	-60.23	3.0	-57.23	Average	-27.0	Pass
		5700.0	-47.60	3.0	-44.60	Peak	10	Pass
		5700.0	-59.36	3.0	-56.36	Average	10	Pass
		5720.0	-40.96	3.0	-37.96	Peak	15.6	Pass
		5720.0	-54.51	3.0	-51.51	Average	15.6	Pass
		5725.0	-39.44	3.0	-36.44	Peak	27.0	Pass
	5725.0	-52.47	3.0	-49.47	Average	27.0	Pass	
	159	5850.0	-47.66	3.0	-44.66	Peak	27.0	Pass
		5850.0	-58.25	3.0	-55.25	Average	27.0	Pass
		5855.0	-45.95	3.0	-42.95	Peak	15.6	Pass
		5855.0	-58.42	3.0	-55.42	Average	15.6	Pass
		5875.0	-47.93	3.0	-44.93	Peak	10	Pass
		5875.0	-58.89	3.0	-55.89	Average	10	Pass
5925.0		-47.16	3.0	-44.16	Peak	-27.0	Pass	
5925.0	-59.77	3.0	-56.77	Average	-27.0	Pass		
11AC20 SISO	149	5650.0	-47.81	3.0	-44.81	Peak	-27.0	Pass
		5650.0	-60.30	3.0	-57.30	Average	-27.0	Pass
		5700.0	-48.47	3.0	-45.47	Peak	10	Pass
		5700.0	-58.40	3.0	-55.40	Average	10	Pass
		5720.0	-45.21	3.0	-42.21	Peak	15.6	Pass
		5720.0	-59.55	3.0	-56.55	Average	15.6	Pass
		5725.0	-37.24	3.0	-34.24	Peak	27.0	Pass
	5725.0	-55.16	3.0	-52.16	Average	27.0	Pass	
	165	5850.0	-46.04	3.0	-43.04	Peak	27.0	Pass
		5850.0	-57.89	3.0	-54.89	Average	27.0	Pass
5855.0		-46.87	3.0	-43.87	Peak	15.6	Pass	

		5855.0	-58.29	3.0	-55.29	Average	15.6	Pass
		5875.0	-47.93	3.0	-44.93	Peak	10	Pass
		5875.0	-58.77	3.0	-55.77	Average	10	Pass
		5925.0	-47.78	3.0	-44.78	Peak	-27.0	Pass
		5925.0	-59.83	3.0	-56.83	Average	-27.0	Pass
11AC4 0 SISO	151	5650.0	-48.33	3.0	-45.33	Peak	-27.0	Pass
		5650.0	-60.16	3.0	-57.16	Average	-27.0	Pass
		5700.0	-45.79	3.0	-42.79	Peak	10	Pass
		5700.0	-59.31	3.0	-56.31	Average	10	Pass
		5720.0	-41.29	3.0	-38.29	Peak	15.6	Pass
		5720.0	-54.53	3.0	-51.53	Average	15.6	Pass
		5725.0	-40.42	3.0	-37.42	Peak	27.0	Pass
	5725.0	-52.53	3.0	-49.53	Average	27.0	Pass	
	159	5850.0	-46.43	3.0	-43.43	Peak	27.0	Pass
		5850.0	-58.12	3.0	-55.12	Average	27.0	Pass
		5855.0	-47.14	3.0	-44.14	Peak	15.6	Pass
		5855.0	-58.29	3.0	-55.29	Average	15.6	Pass
		5875.0	-48.01	3.0	-45.01	Peak	10	Pass
		5875.0	-58.78	3.0	-55.78	Average	10	Pass
		5925.0	-47.79	3.0	-44.79	Peak	-27.0	Pass
	5925.0	-59.70	3.0	-56.70	Average	-27.0	Pass	
	11AC8 0 SISO	155	5725.0	-45.91	3.0	-42.91	Peak	27.0
5720.0			-45.79	3.0	-42.79	Peak	15.6	Pass
5700.0			-46.85	3.0	-43.85	Peak	10	Pass
5650.0			-47.39	3.0	-44.39	Peak	-27.0	Pass
5725.0			-57.23	3.0	-54.23	Average	27.0	Pass
5720.0			-57.51	3.0	-54.51	Average	15.6	Pass
5700.0			-58.48	3.0	-55.48	Average	10	Pass
5650.0			-59.42	3.0	-56.42	Average	-27.0	Pass
5850.0			-45.91	3.0	-42.91	Peak	27.0	Pass
5855.0			-45.79	3.0	-42.79	Peak	15.6	Pass
5875.0			-46.85	3.0	-43.85	Peak	10	Pass
5925.0			-47.39	3.0	-44.39	Peak	-27.0	Pass
5850.0			-57.23	3.0	-54.23	Average	27.0	Pass
5855.0			-57.51	3.0	-54.51	Average	15.6	Pass
5875.0			-58.48	3.0	-55.48	Average	10	Pass
5925.0			-59.42	3.0	-56.42	Average	-27.0	Pass

Undesirable Emissions Measurement

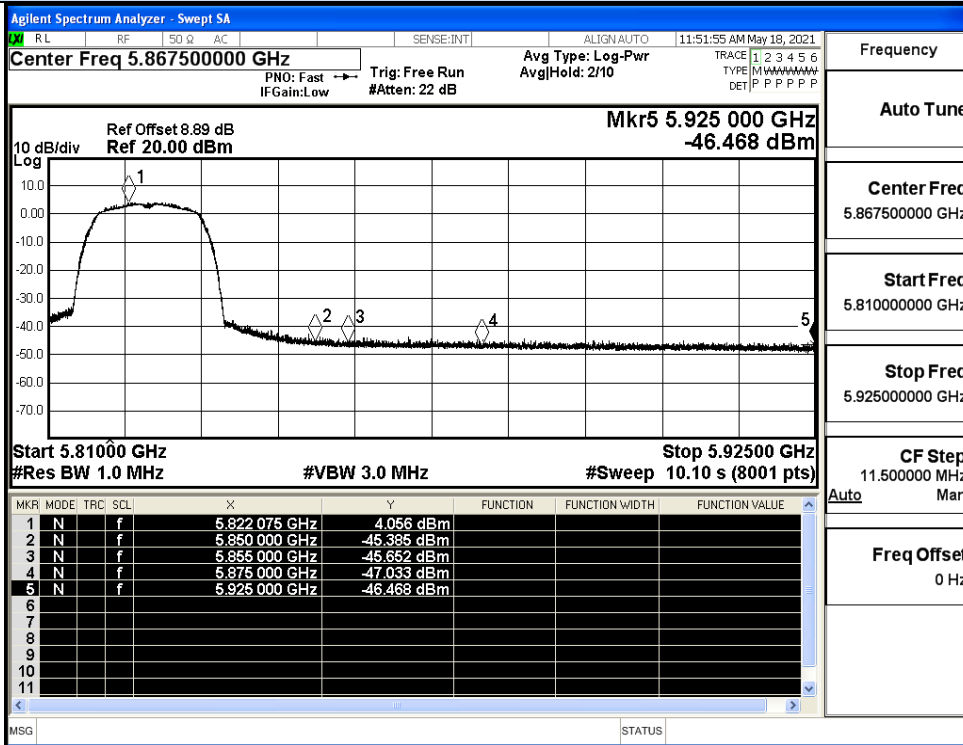


IEEE 802.11a / Channel 149 / 5745MHz / Peak

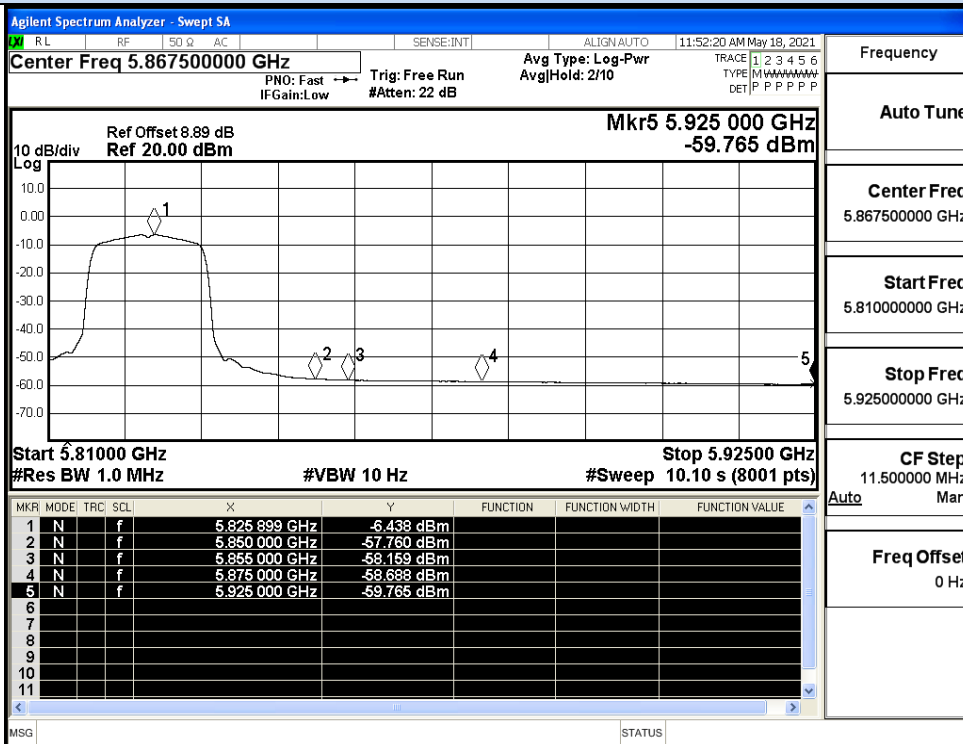


IEEE 802.11a / Channel 148 / 5745MHz / Average

Undesirable Emissions Measurement

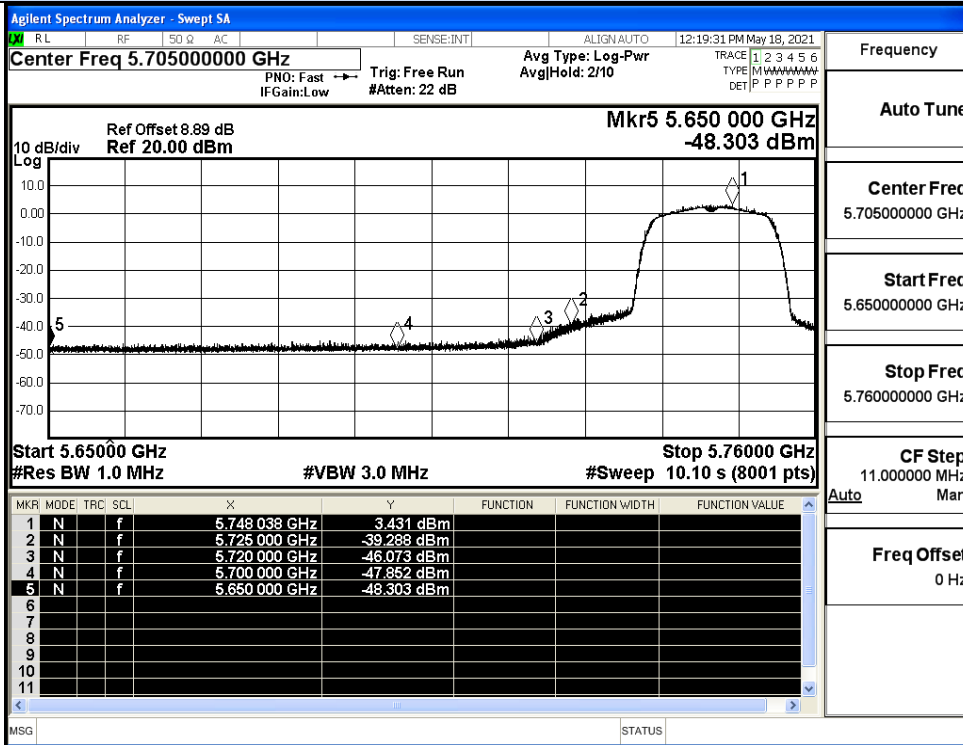


IEEE 802.11a / Channel 165 / 5825MHz / Peak

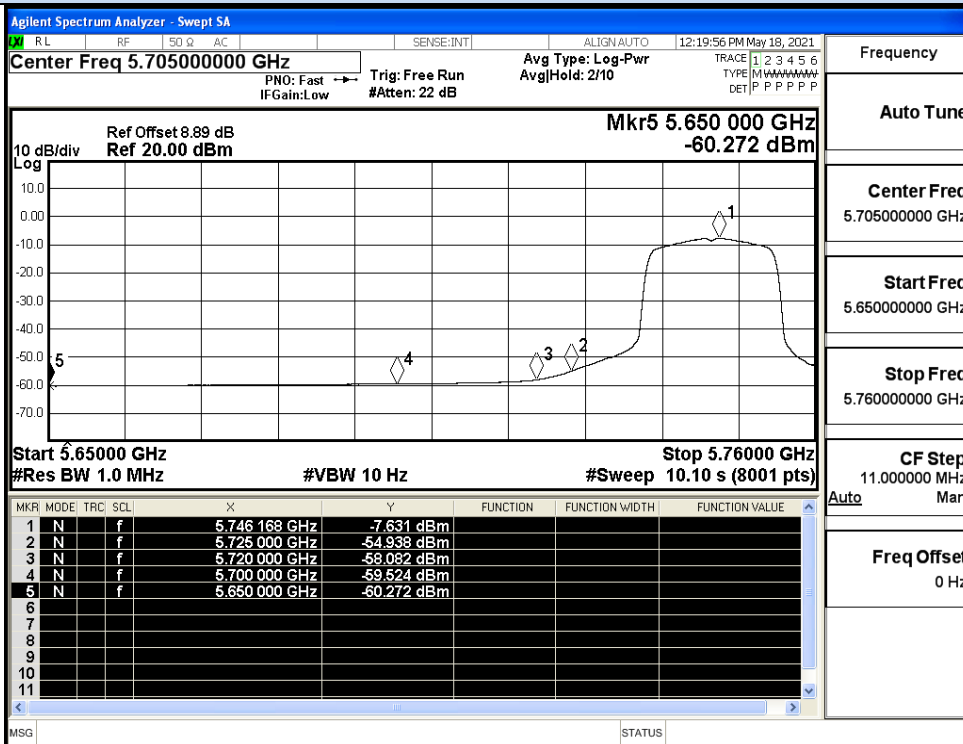


IEEE 802.11a / Channel 165 / 5825MHz / Average

Undesirable Emissions Measurement

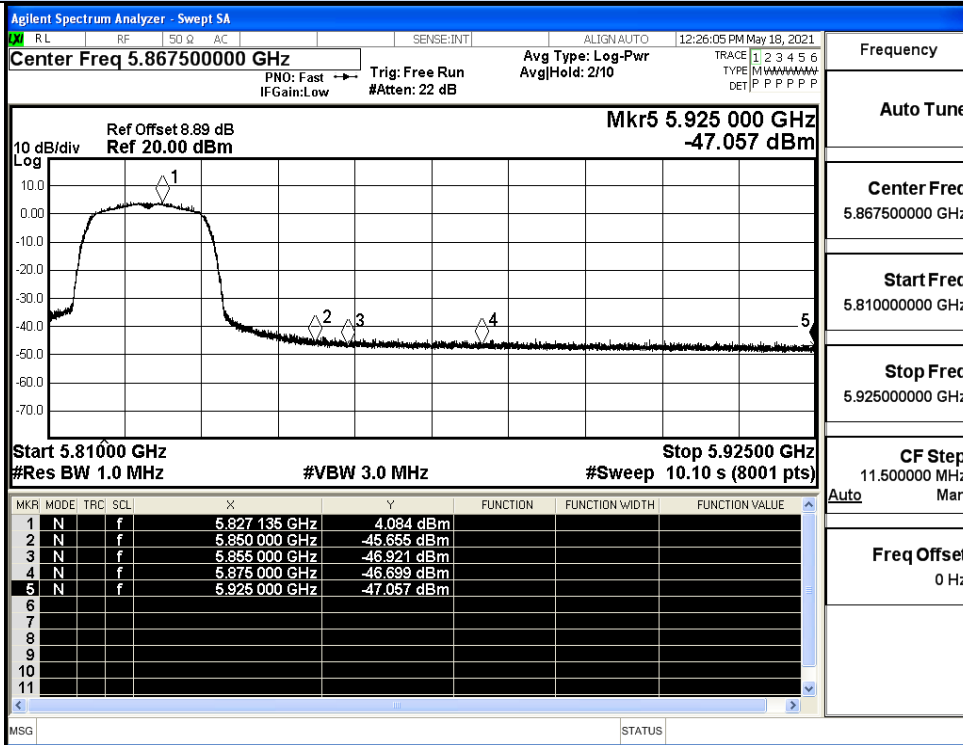


IEEE 802.11n20 / Channel 149 / 5745MHz / Peak

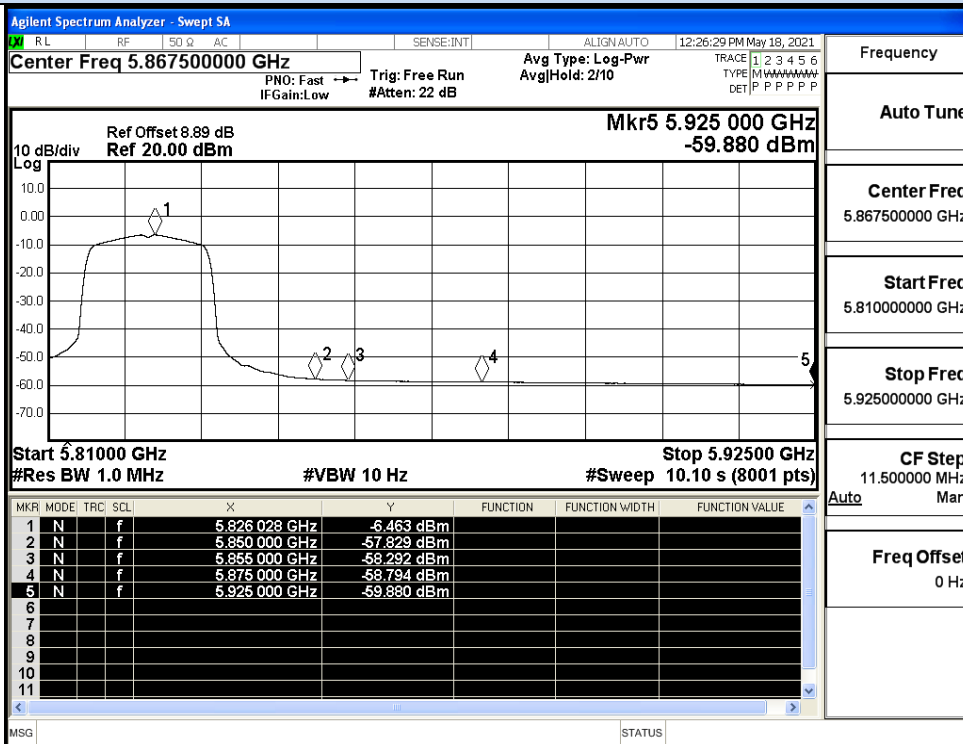


IEEE 802.11n20 / Channel 149 / 5745MHz / Average

Undesirable Emissions Measurement



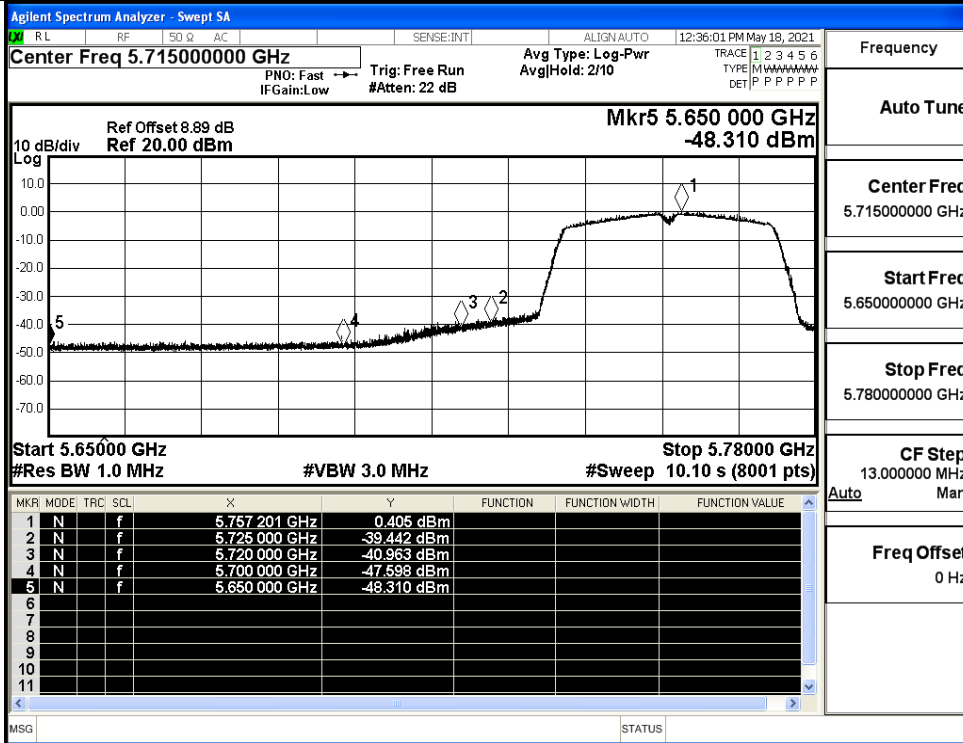
IEEE 802.11n20 / Channel 165 / 5825MHz / Peak



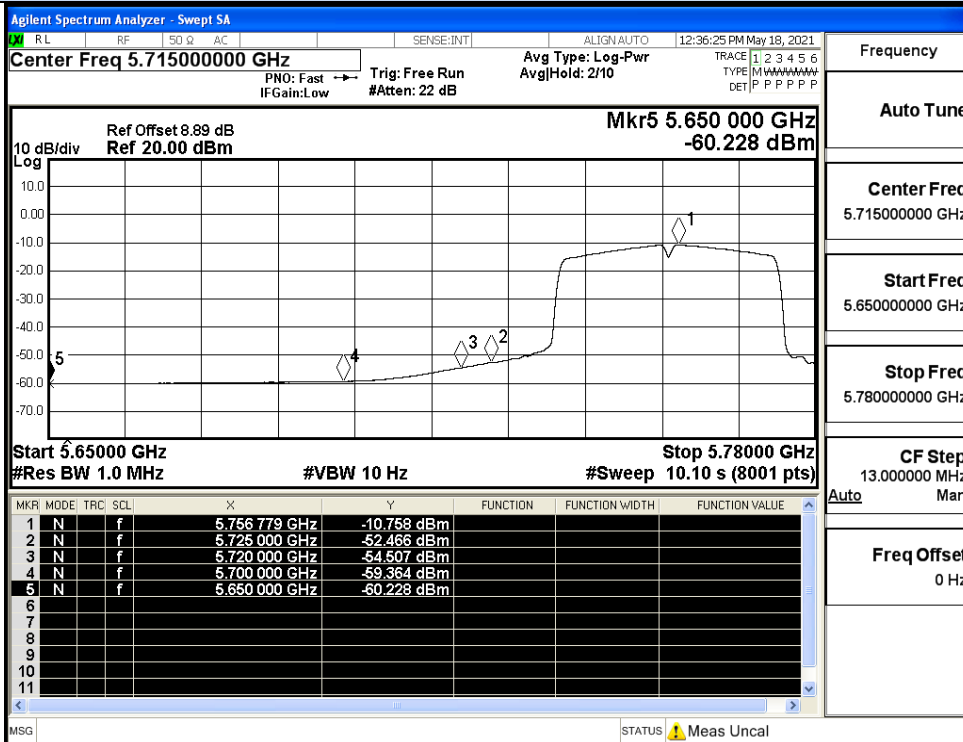
IEEE 802.11n20 / Channel 165 / 5825MHz / Average



Undesirable Emissions Measurement

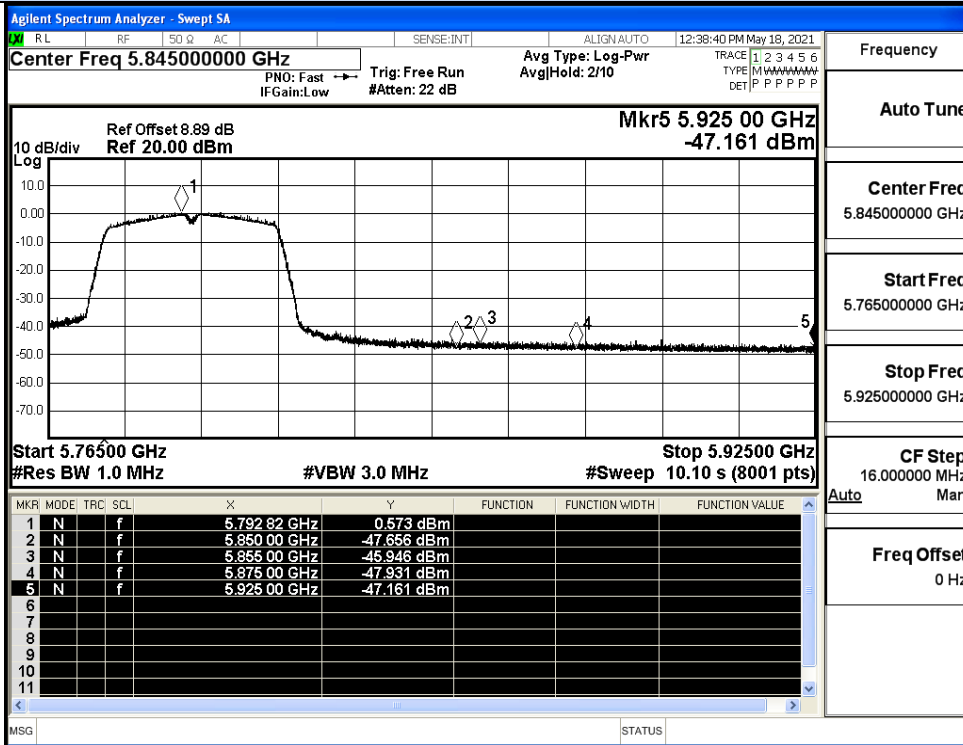


IEEE 802.11n40 / Channel 151 / 5755MHz / Peak

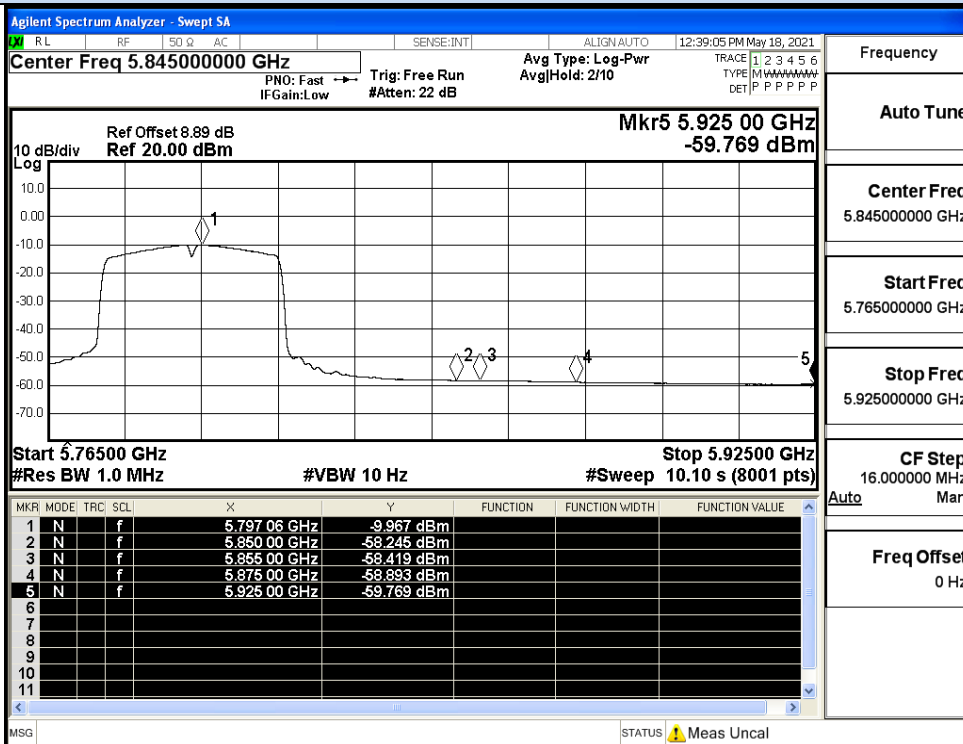


IEEE 802.11n40 / Channel 151 / 5755MHz / Average

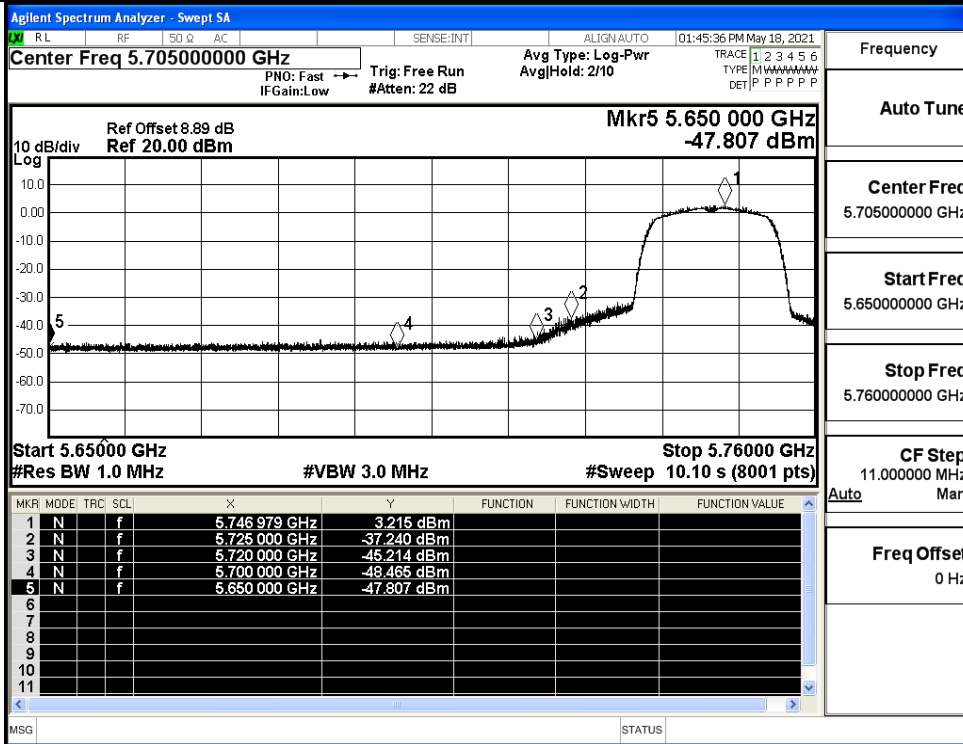
Undesirable Emissions Measurement



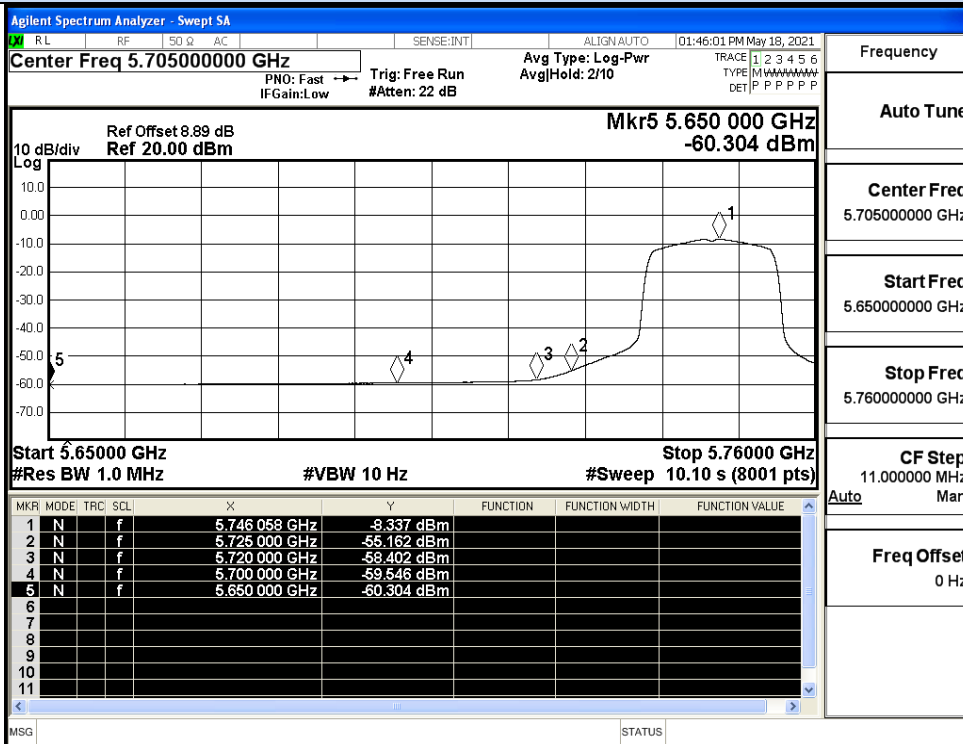
IEEE 802.11n40 / Channel 159 / 5795MHz / Peak



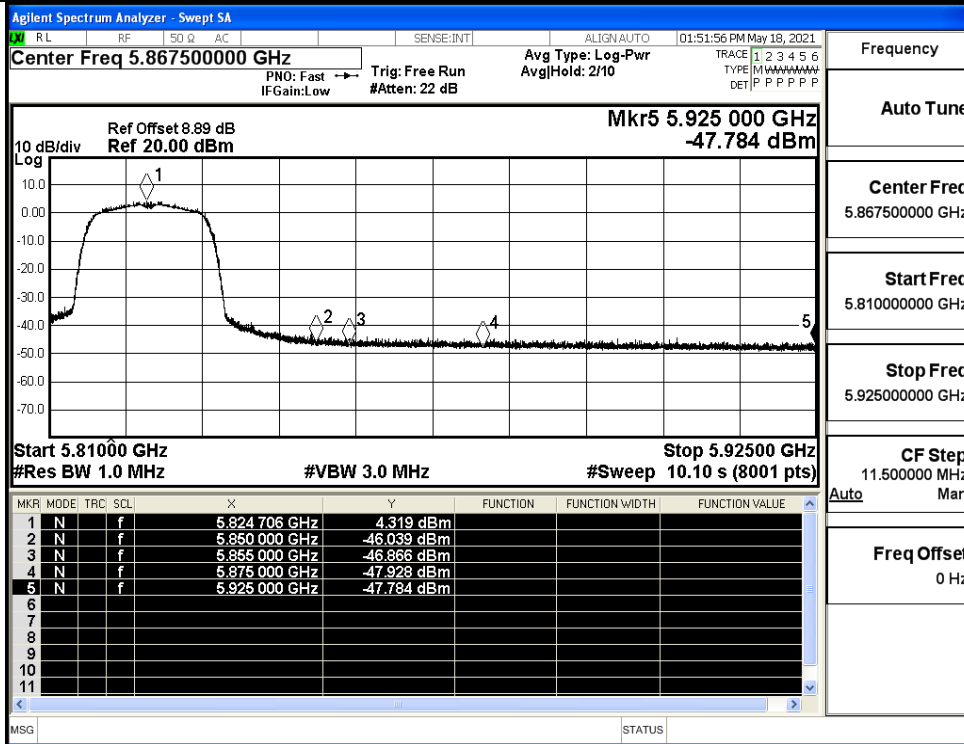
IEEE 802.11n40 / Channel 159 / 5795MHz / Average



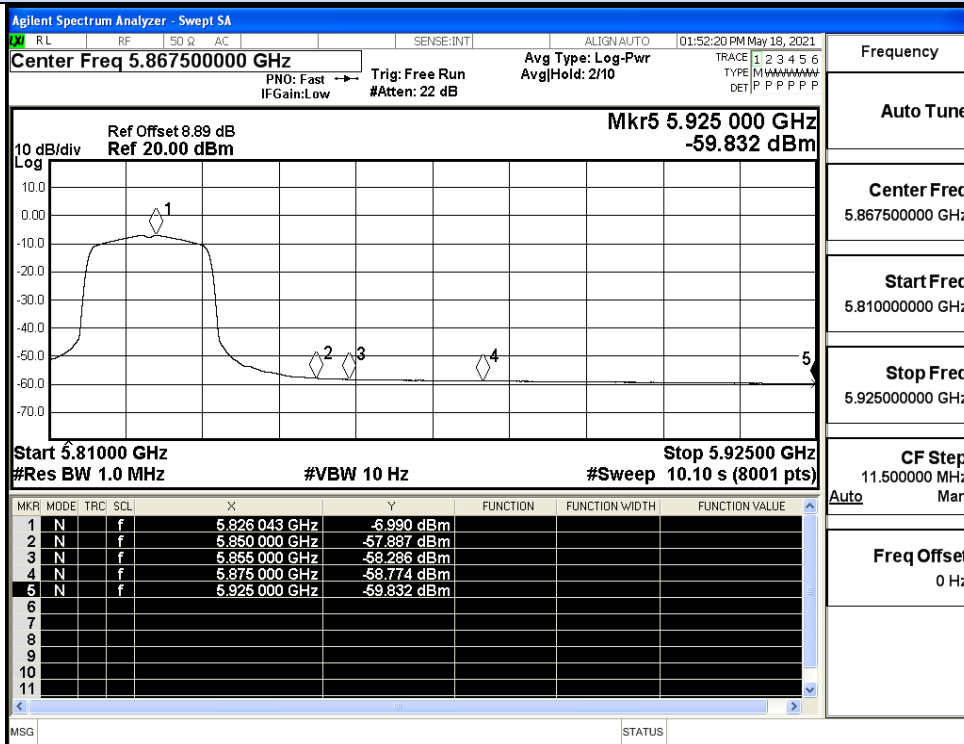
IEEE 802.11ac20 / Channel 149 / 5745MHz / Peak



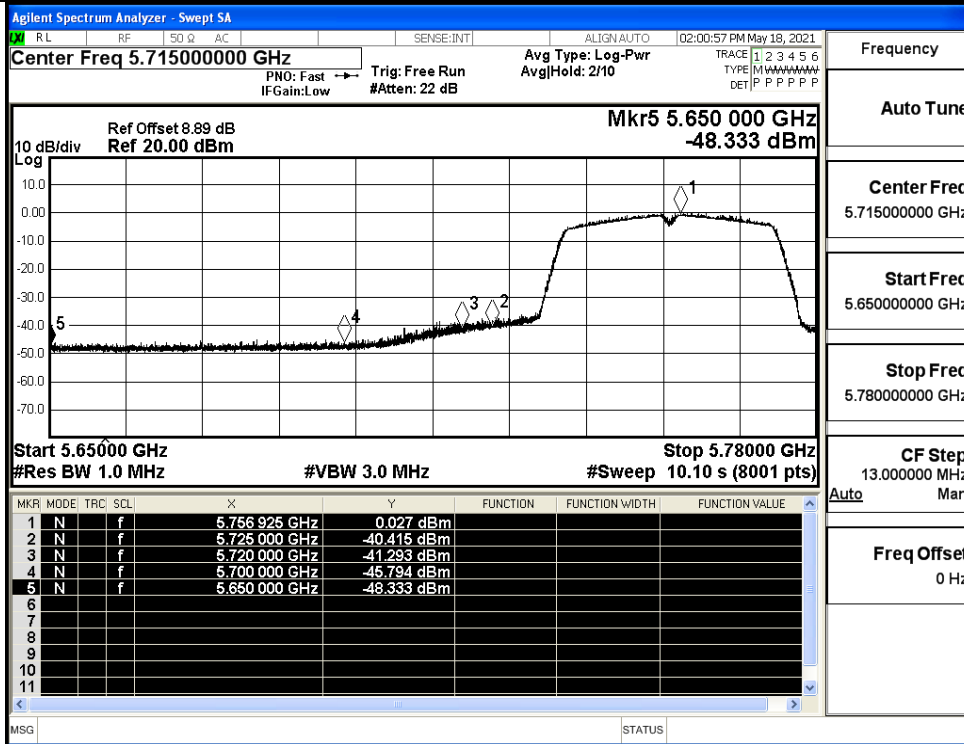
IEEE 802.11ac20 / Channel 149 / 5745MHz / Average



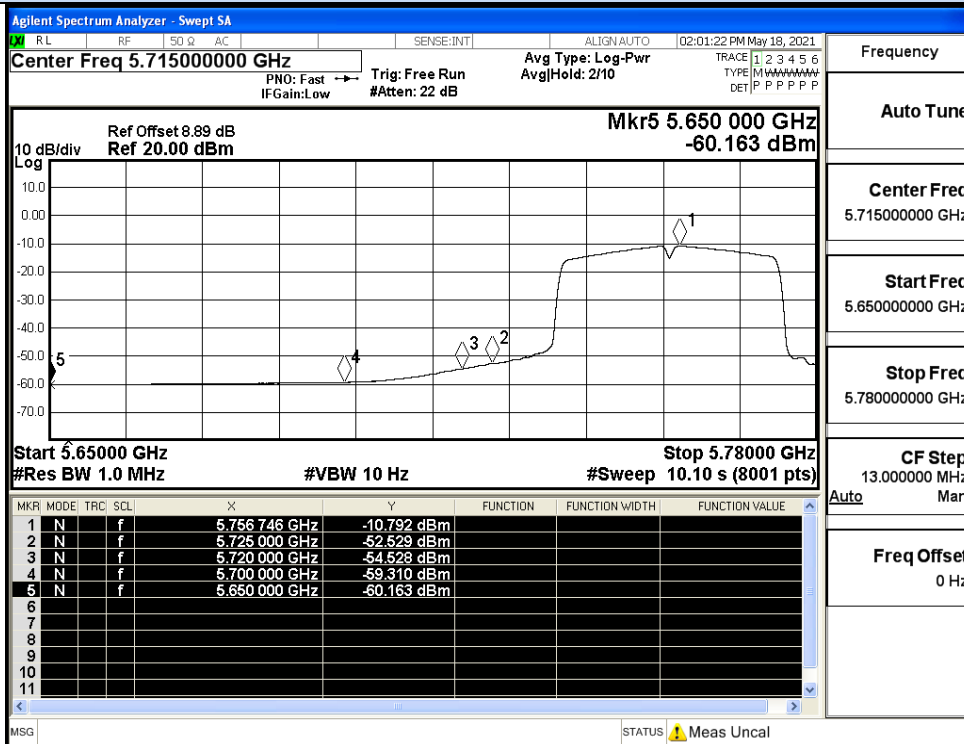
IEEE 802.11ac20 / Channel 165 / 5825MHz / Peak



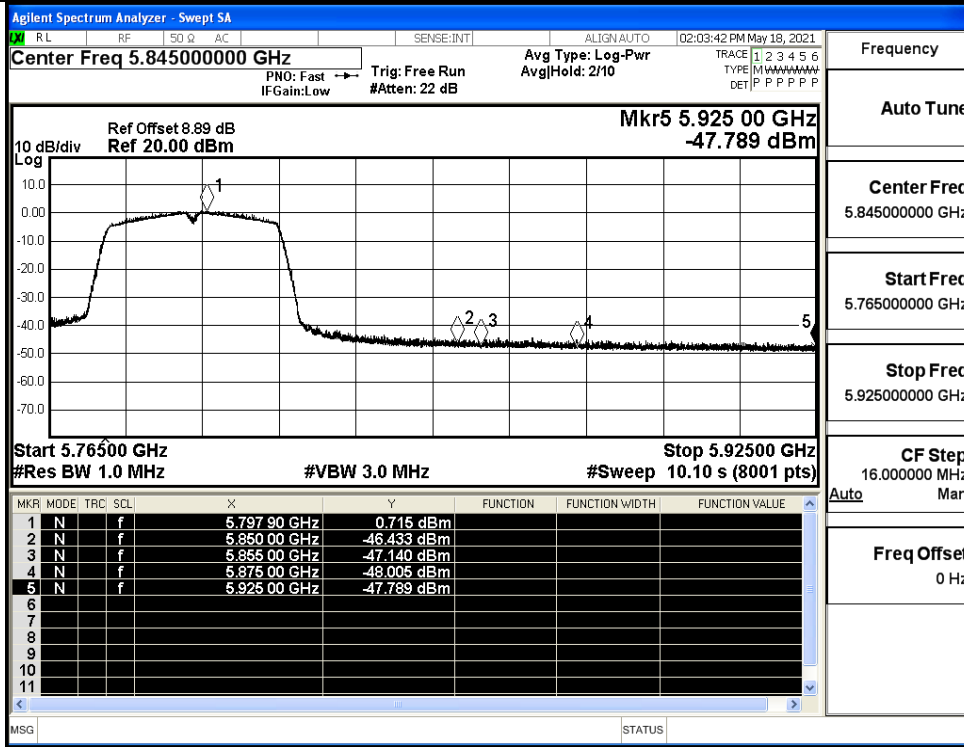
IEEE 802.11ac20 / Channel 165 / 5825MHz / Average



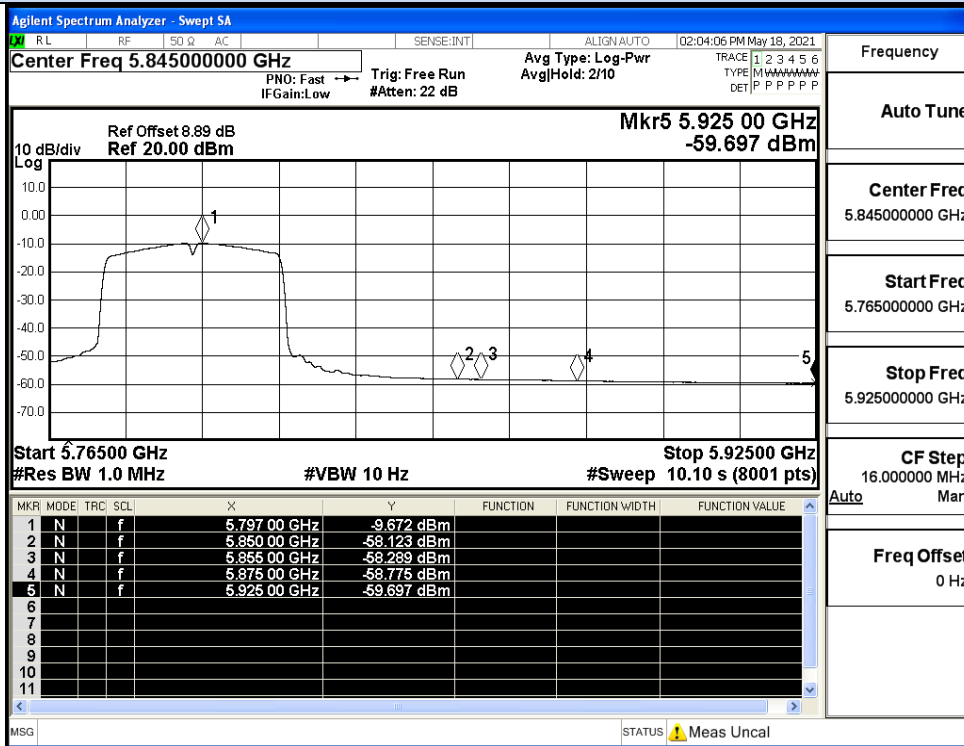
IEEE 802.11ac40 / Channel 151 / 5755MHz / Peak



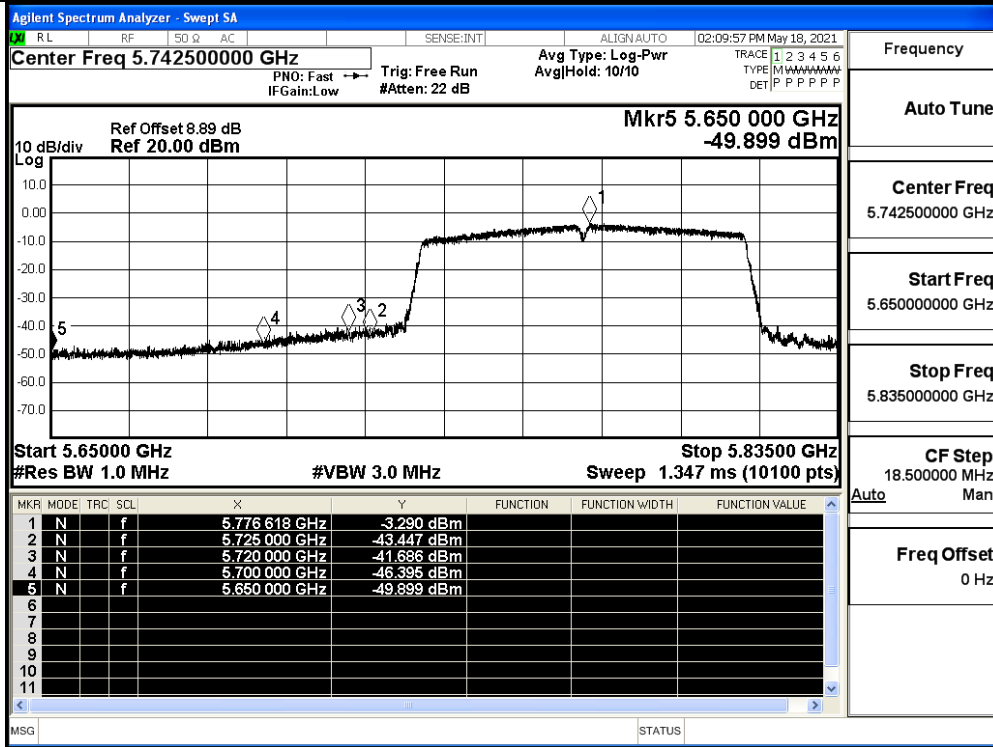
IEEE 802.11ac40 / Channel 151 / 5755MHz / Average



IEEE 802.11ac40 / Channel 159 / 5795MHz / Peak

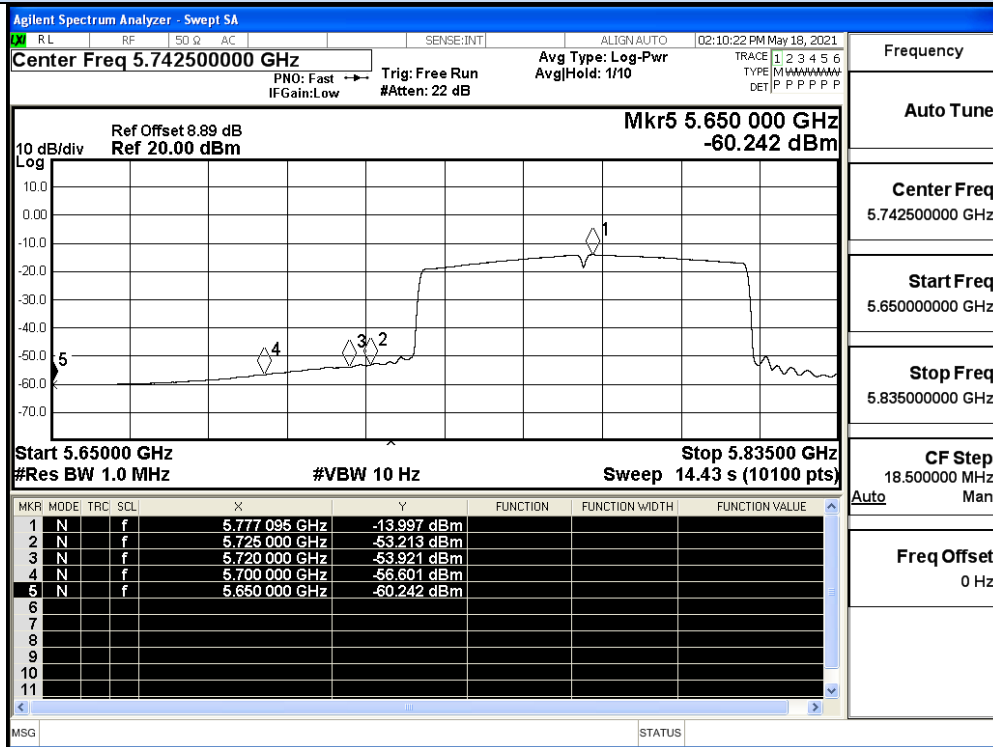


IEEE 802.11ac40 / Channel 159 / 5795MHz / Average



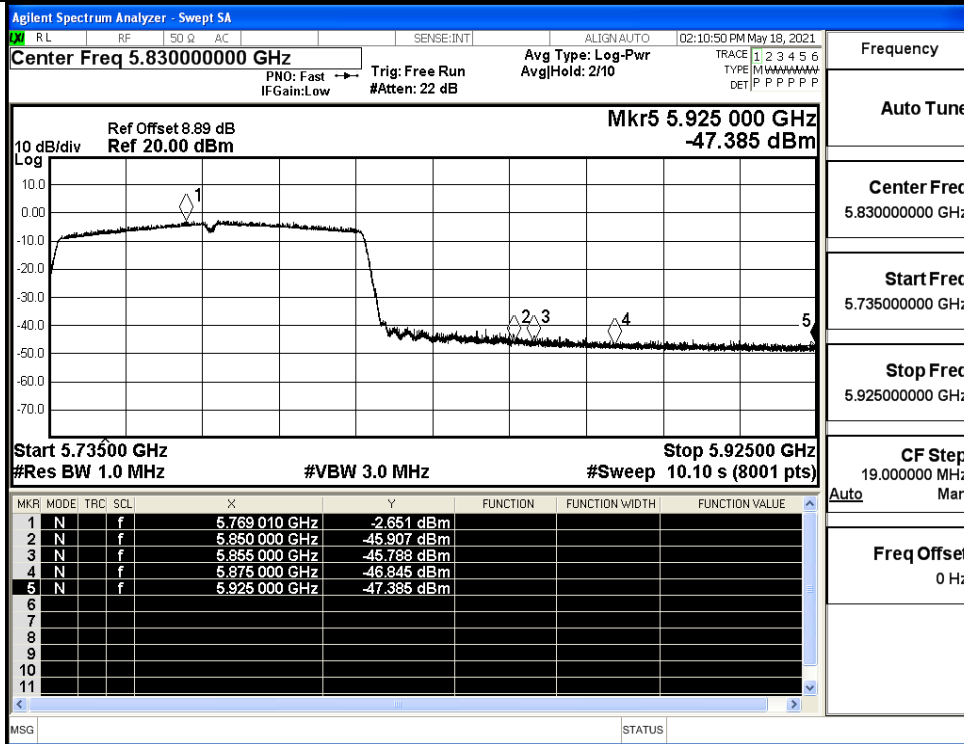
Frequency  
Auto Tune  
Center Freq  
5.742500000 GHz  
Start Freq  
5.650000000 GHz  
Stop Freq  
5.835000000 GHz  
CF Step  
18.500000 MHz  
Auto Man  
Freq Offset  
0 Hz

IEEE 802.11ac80 / Channel 155 / 5775MHz / Peak

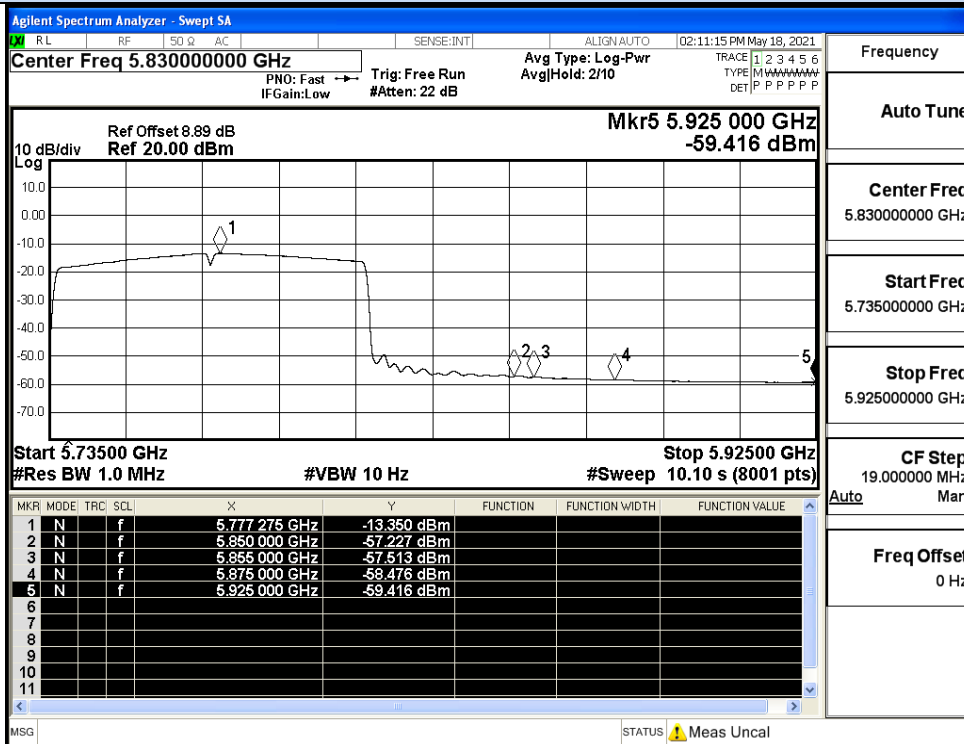


Frequency  
Auto Tune  
Center Freq  
5.742500000 GHz  
Start Freq  
5.650000000 GHz  
Stop Freq  
5.835000000 GHz  
CF Step  
18.500000 MHz  
Auto Man  
Freq Offset  
0 Hz

IEEE 802.11ac80 / Channel 155 / 5775MHz / Average



IEEE 802.11ac80 / Channel 155/ 5775MHz / Peak



IEEE 802.11ac80 / Channel 155 / 5775MHz / Average



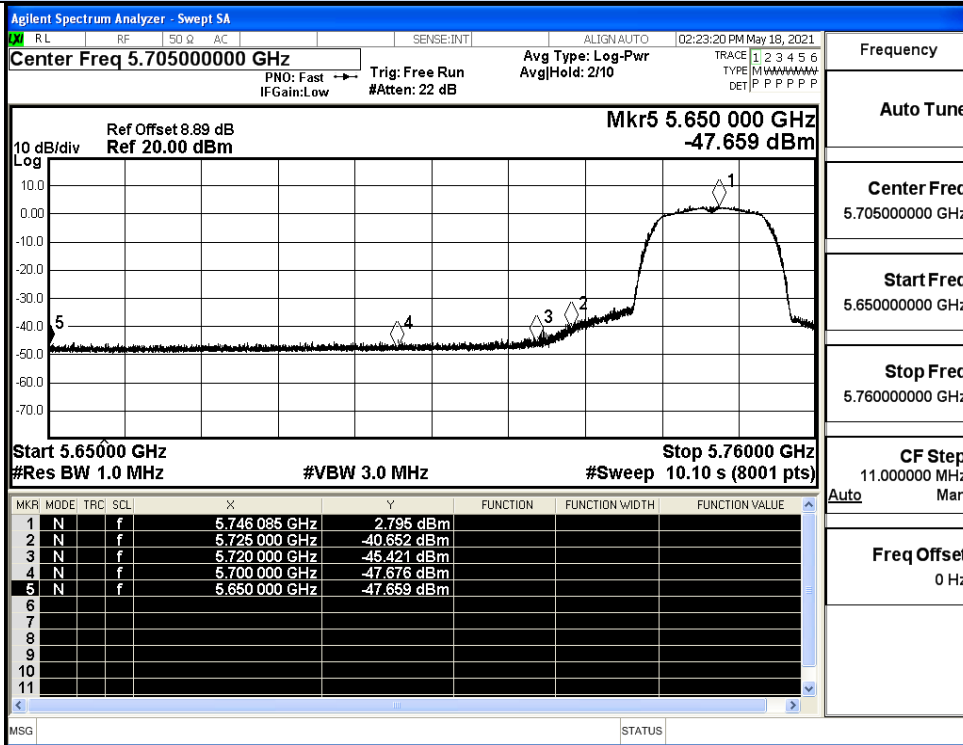
ANT1

Test Mode	Channel	Frequency (MHz)	Conducted Power (dBm)	Antenna Gain (dBi)	EIRP (dBm/MHz)	Detector	Limit (dBm/MHz)	Verdict
11A	149	5650.0	-47.66	3.0	-44.66	Peak	-27.0	Pass
		5650.0	-60.27	3.0	-57.27	Average	-27.0	Pass
		5700.0	-47.68	3.0	-44.68	Peak	10	Pass
		5700.0	-59.53	3.0	-56.53	Average	10	Pass
		5720.0	-45.42	3.0	-42.42	Peak	15.6	Pass
		5720.0	-58.75	3.0	-55.75	Average	15.6	Pass
		5725.0	-40.65	3.0	-37.65	Peak	27.0	Pass
	5725.0	-56.03	3.0	-53.03	Average	27.0	Pass	
	165	5850.0	-44.71	3.0	-41.71	Peak	27.0	Pass
		5850.0	-57.81	3.0	-54.81	Average	27.0	Pass
		5855.0	-46.17	3.0	-43.17	Peak	15.6	Pass
		5855.0	-58.14	3.0	-55.14	Average	15.6	Pass
		5875.0	-46.66	3.0	-43.66	Peak	10	Pass
		5875.0	-58.68	3.0	-55.68	Average	10	Pass
5925.0		-47.16	3.0	-44.16	Peak	-27.0	Pass	
5925.0	-59.81	3.0	-56.81	Average	-27.0	Pass		
11N20 SISO	149	5650.0	-47.49	3.0	-44.49	Peak	-27.0	Pass
		5650.0	-60.30	3.0	-57.30	Average	-27.0	Pass
		5700.0	-48.00	3.0	-45.00	Peak	10	Pass
		5700.0	-58.42	3.0	-55.42	Average	10	Pass
		5720.0	-46.55	3.0	-43.55	Peak	15.6	Pass
		5720.0	-59.51	3.0	-56.51	Average	15.6	Pass
		5725.0	-40.81	3.0	-37.81	Peak	27.0	Pass
	5725.0	-55.33	3.0	-52.33	Average	27.0	Pass	
	165	5850.0	-44.18	3.0	-41.18	Peak	27.0	Pass
		5850.0	-57.75	3.0	-54.75	Average	27.0	Pass
		5855.0	-46.47	3.0	-43.47	Peak	15.6	Pass
		5855.0	-58.19	3.0	-55.19	Average	15.6	Pass
		5875.0	-46.00	3.0	-43.00	Peak	10	Pass
		5875.0	-58.69	3.0	-55.69	Average	10	Pass
5925.0		-46.40	3.0	-43.40	Peak	-27.0	Pass	
5925.0	-59.79	3.0	-56.79	Average	-27.0	Pass		

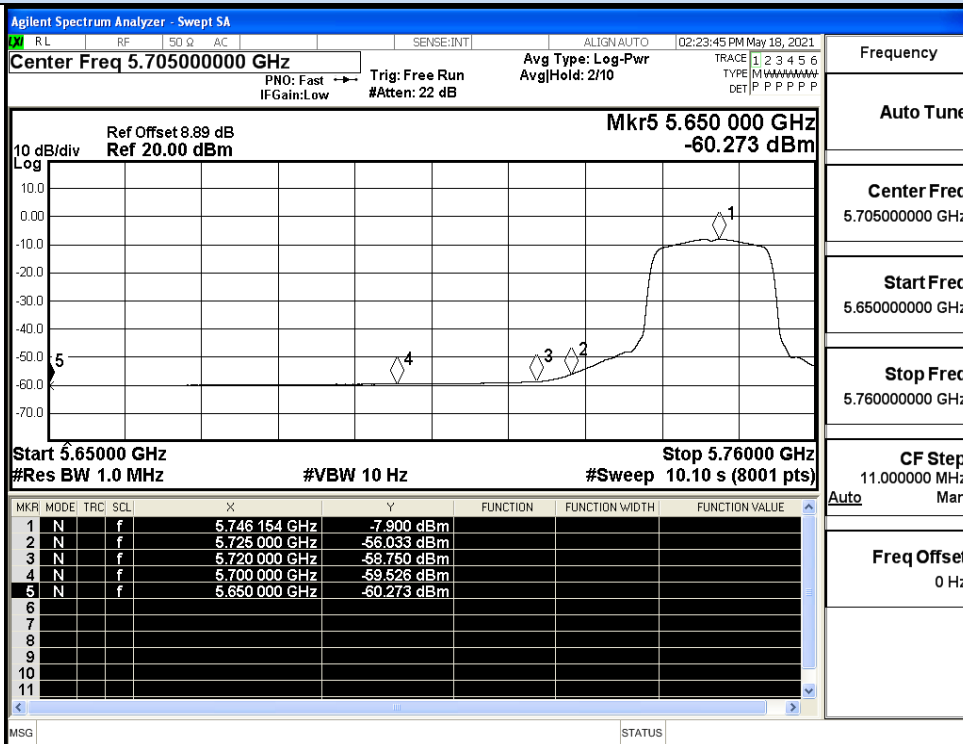
Test Mode	Channel	Frequency (MHz)	Conducted Power (dBm)	Antenna Gain (dBi)	EIRP (dBm/MHz)	Detector	Limit (dBm/MHz)	Verdict
11N40 SISO	151	5650.0	-48.42	3.0	-45.42	Peak	-27.0	Pass
		5650.0	-60.15	3.0	-57.15	Average	-27.0	Pass
		5700.0	-47.60	3.0	-44.60	Peak	10	Pass
		5700.0	-59.24	3.0	-56.24	Average	10	Pass
		5720.0	-40.83	3.0	-37.83	Peak	15.6	Pass
		5720.0	-54.19	3.0	-51.19	Average	15.6	Pass
		5725.0	-39.49	3.0	-36.49	Peak	27.0	Pass
	5725.0	-52.08	3.0	-49.08	Average	27.0	Pass	
	159	5850.0	-46.81	3.0	-43.81	Peak	27.0	Pass
		5850.0	-57.99	3.0	-54.99	Average	27.0	Pass
		5855.0	-46.27	3.0	-43.27	Peak	15.6	Pass
		5855.0	-58.13	3.0	-55.13	Average	15.6	Pass
		5875.0	-46.66	3.0	-43.66	Peak	10	Pass
		5875.0	-58.68	3.0	-55.68	Average	10	Pass
5925.0		-48.54	3.0	-45.54	Peak	-27.0	Pass	
5925.0	-59.58	3.0	-56.58	Average	-27.0	Pass		
11AC20 SISO	149	5650.0	-47.42	3.0	-44.42	Peak	-27.0	Pass
		5650.0	-60.25	3.0	-57.25	Average	-27.0	Pass
		5700.0	-47.57	3.0	-44.57	Peak	10	Pass
		5700.0	-58.16	3.0	-55.16	Average	10	Pass
		5720.0	-46.19	3.0	-43.19	Peak	15.6	Pass
		5720.0	-59.49	3.0	-56.49	Average	15.6	Pass
		5725.0	-40.63	3.0	-37.63	Peak	27.0	Pass
	5725.0	-54.98	3.0	-51.98	Average	27.0	Pass	
	165	5850.0	-45.78	3.0	-42.78	Peak	27.0	Pass
		5850.0	-57.54	3.0	-54.54	Average	27.0	Pass
		5855.0	-45.00	3.0	-42.00	Peak	15.6	Pass
		5855.0	-58.02	3.0	-55.02	Average	15.6	Pass
		5875.0	-46.61	3.0	-43.61	Peak	10	Pass

11AC4 0 SISO	151	5875.0	-58.57	3.0	-55.57	Average	10	Pass
		5925.0	-46.91	3.0	-43.91	Peak	-27.0	Pass
		5925.0	-59.64	3.0	-56.64	Average	-27.0	Pass
		5650.0	-48.20	3.0	-45.20	Peak	-27.0	Pass
		5650.0	-60.22	3.0	-57.22	Average	-27.0	Pass
		5700.0	-46.38	3.0	-43.38	Peak	10	Pass
		5700.0	-59.20	3.0	-56.20	Average	10	Pass
		5720.0	-40.68	3.0	-37.68	Peak	15.6	Pass
		5720.0	-53.74	3.0	-50.74	Average	15.6	Pass
	159	5725.0	-38.53	3.0	-35.53	Peak	27.0	Pass
		5725.0	-51.65	3.0	-48.65	Average	27.0	Pass
		5850.0	-46.92	3.0	-43.92	Peak	27.0	Pass
		5850.0	-58.03	3.0	-55.03	Average	27.0	Pass
		5855.0	-46.65	3.0	-43.65	Peak	15.6	Pass
		5855.0	-58.17	3.0	-55.17	Average	15.6	Pass
		5875.0	-48.01	3.0	-45.01	Peak	10	Pass
		5875.0	-58.69	3.0	-55.69	Average	10	Pass
		5925.0	-46.66	3.0	-43.66	Peak	-27.0	Pass
		5925.0	-59.69	3.0	-56.69	Average	-27.0	Pass
11AC8 0 SISO	155	5725.0	-43.73	3.0	-40.73	Peak	27.0	Pass
		5720.0	-46.69	3.0	-43.69	Peak	15.6	Pass
		5700.0	-46.94	3.0	-43.94	Peak	10	Pass
		5650.0	-48.68	3.0	-45.68	Peak	-27.0	Pass
		5725.0	-57.05	3.0	-54.05	Average	27.0	Pass
		5720.0	-57.36	3.0	-54.36	Average	15.6	Pass
		5700.0	-58.42	3.0	-55.42	Average	10	Pass
		5650.0	-59.38	3.0	-56.38	Average	-27.0	Pass
		5850.0	-43.73	3.0	-40.73	Peak	27.0	Pass
		5855.0	-46.69	3.0	-43.69	Peak	15.6	Pass
		5875.0	-46.94	3.0	-43.94	Peak	10	Pass
		5925.0	-48.68	3.0	-45.68	Peak	-27.0	Pass
		5850.0	-57.05	3.0	-54.05	Average	27.0	Pass
		5855.0	-57.36	3.0	-54.36	Average	15.6	Pass
		5875.0	-58.42	3.0	-55.42	Average	10	Pass
		5925.0	-59.38	3.0	-56.38	Average	-27.0	Pass

Undesirable Emissions Measurement

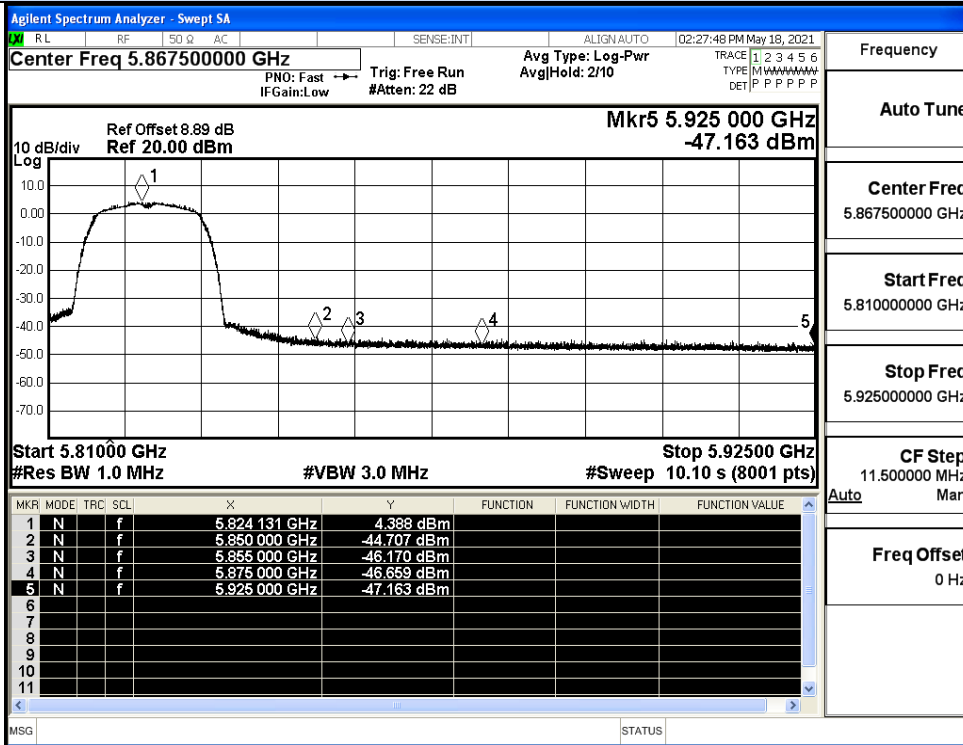


IEEE 802.11a / Channel 149 / 5745MHz / Peak

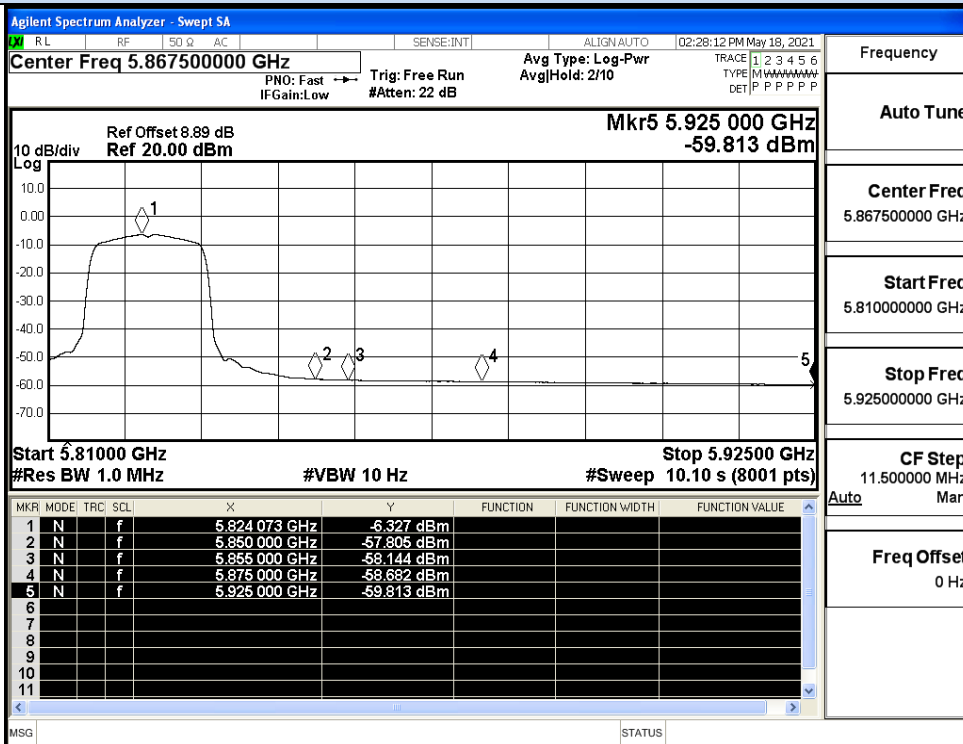


IEEE 802.11a / Channel 148 / 5745MHz / Average

Undesirable Emissions Measurement

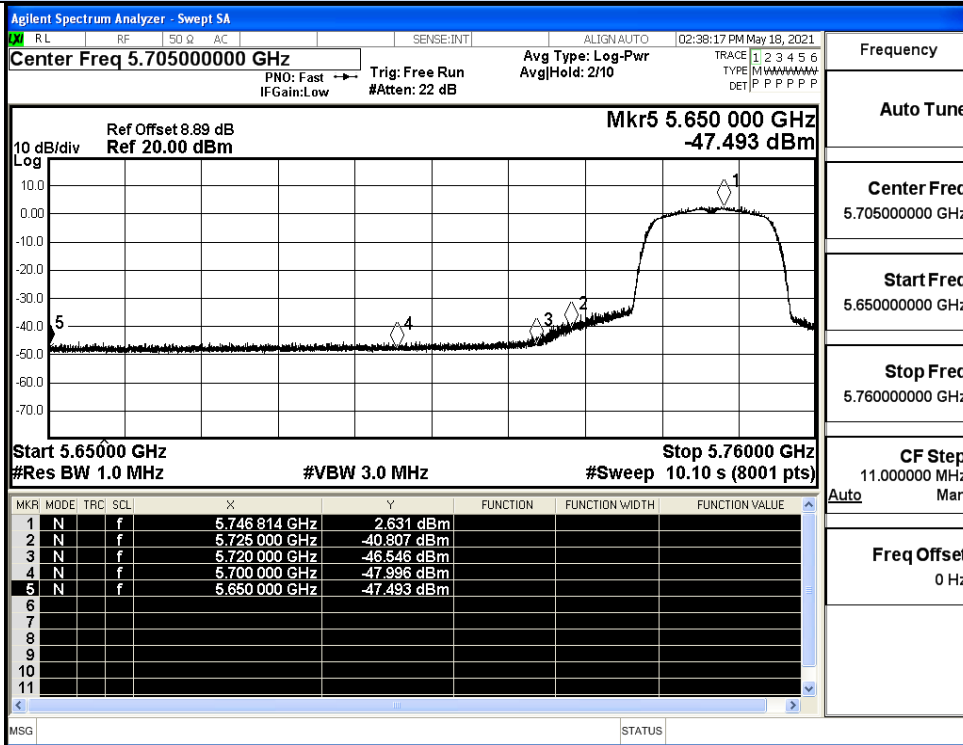


IEEE 802.11a / Channel 165 / 5825MHz / Peak

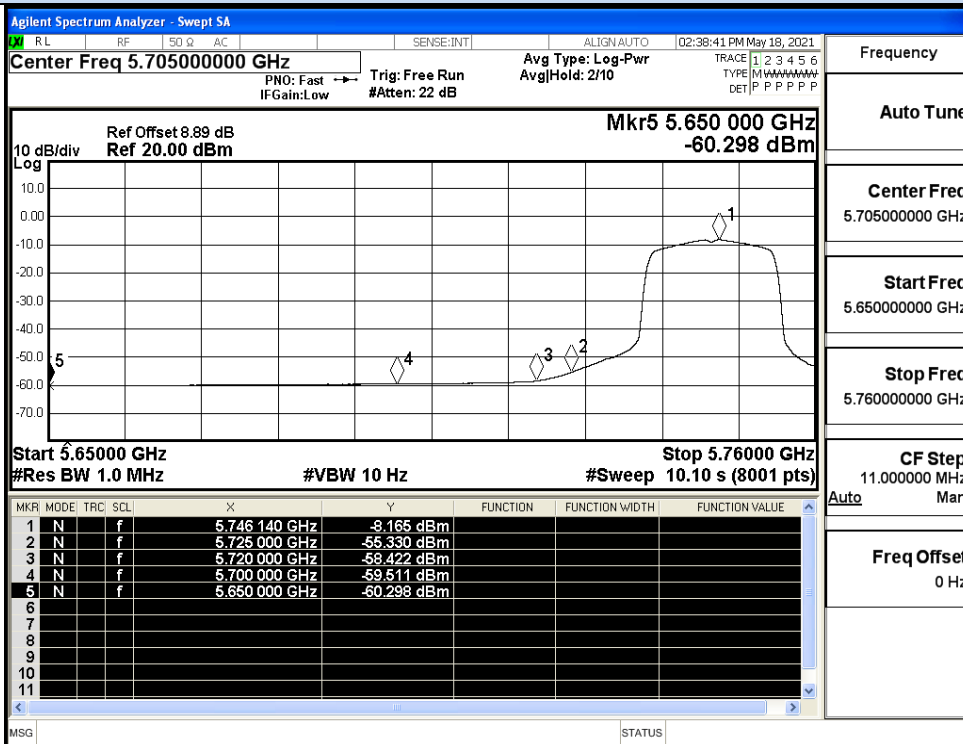


IEEE 802.11a / Channel 165 / 5825MHz / Average

Undesirable Emissions Measurement

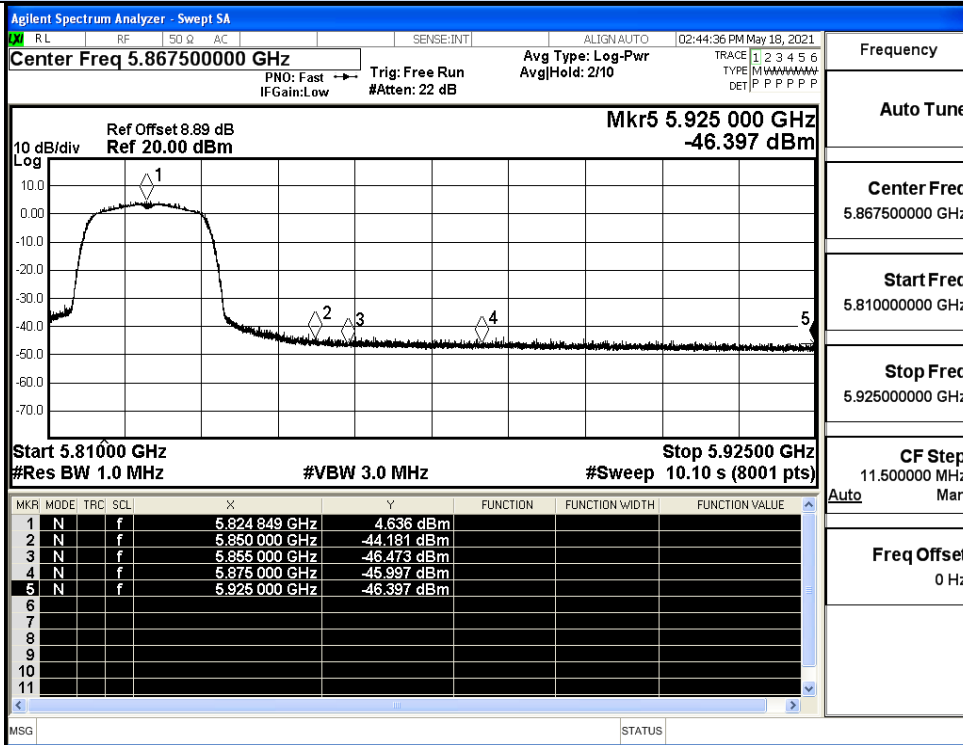


IEEE 802.11n20 / Channel 149 / 5745MHz / Peak

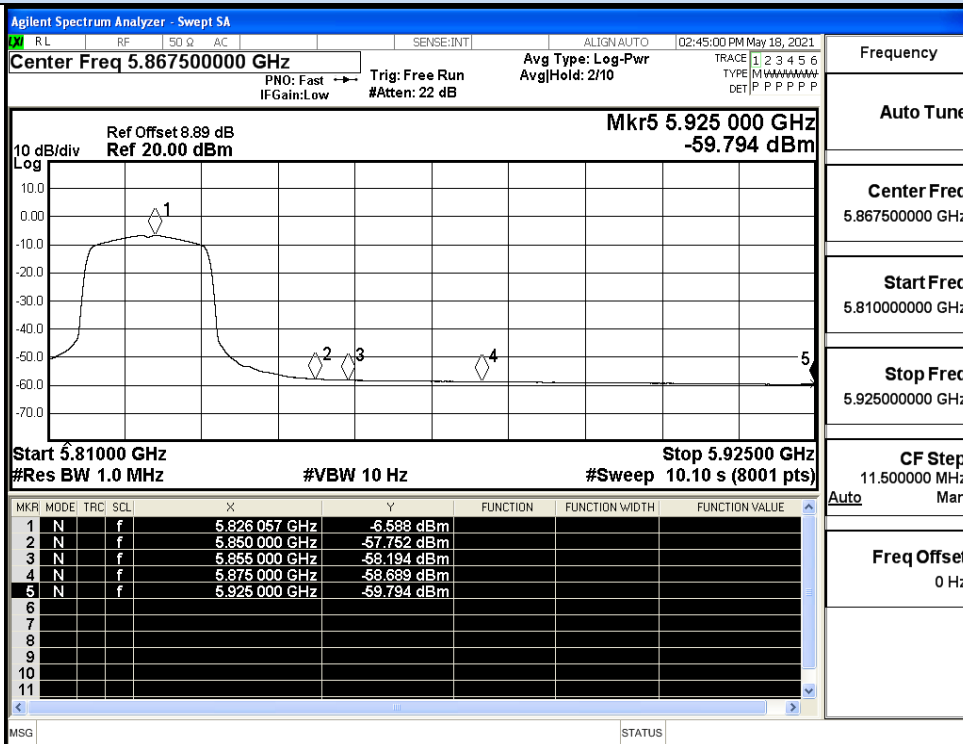


IEEE 802.11n20 / Channel 149 / 5745MHz / Average

Undesirable Emissions Measurement

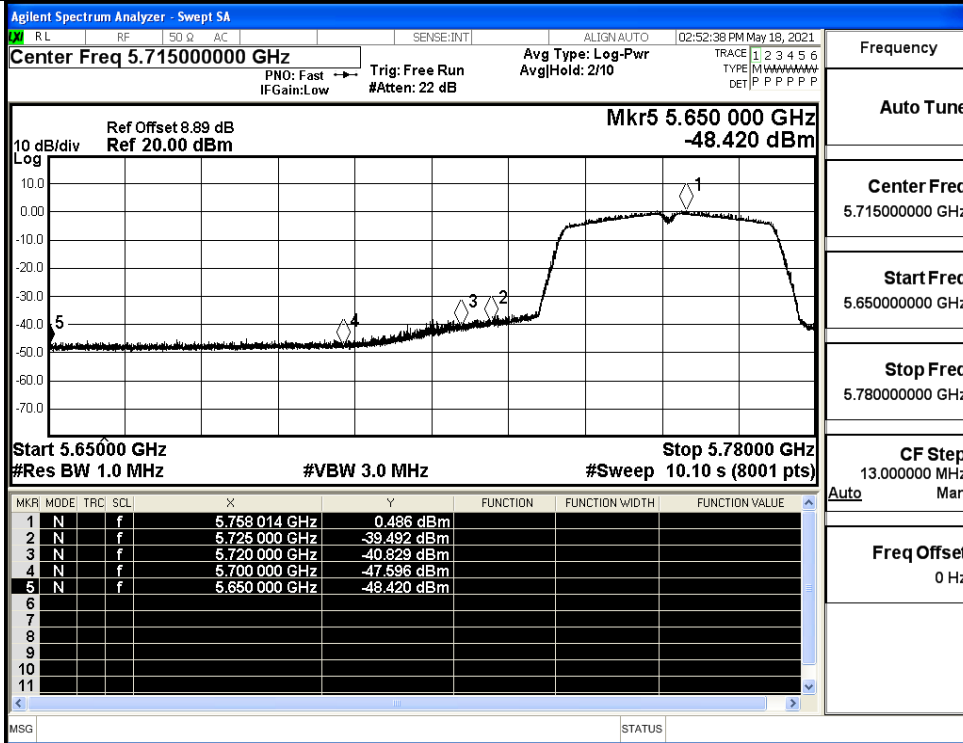


IEEE 802.11n20 / Channel 165 / 5825MHz / Peak

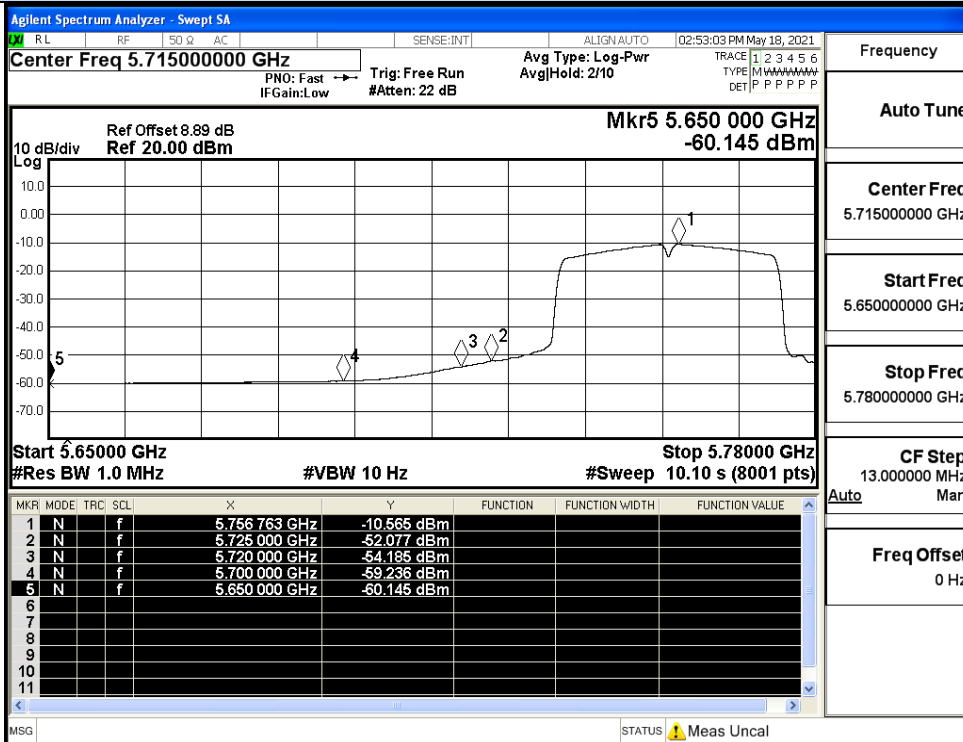


IEEE 802.11n20 / Channel 165 / 5825MHz / Average

Undesirable Emissions Measurement

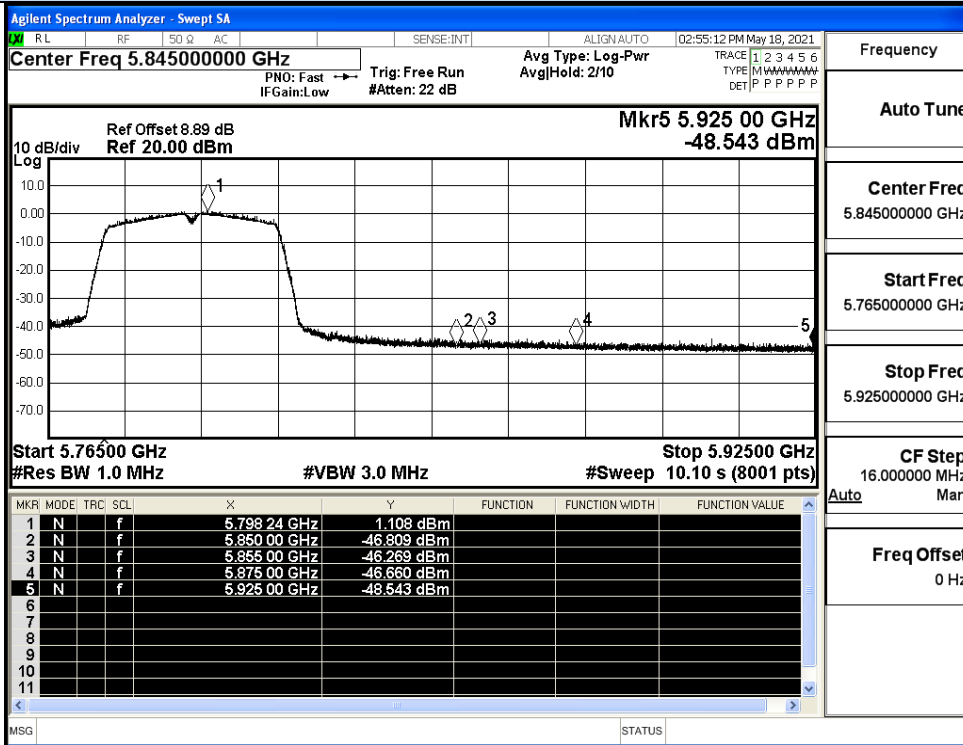


IEEE 802.11n40 / Channel 151 / 5755MHz / Peak

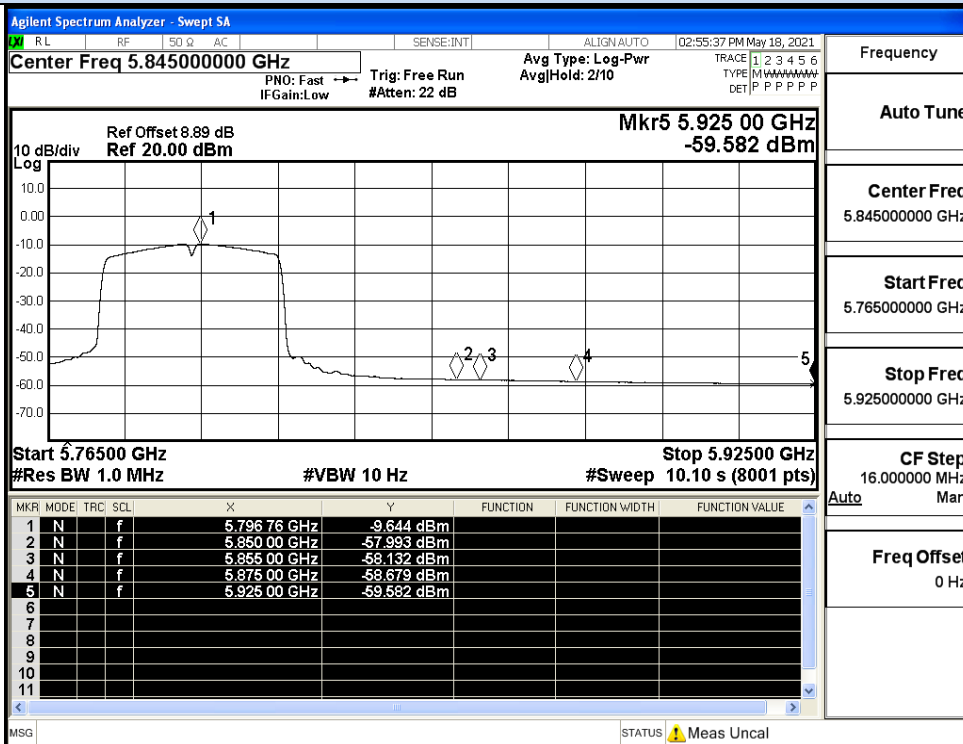


IEEE 802.11n40 / Channel 151 / 5755MHz / Average

Undesirable Emissions Measurement

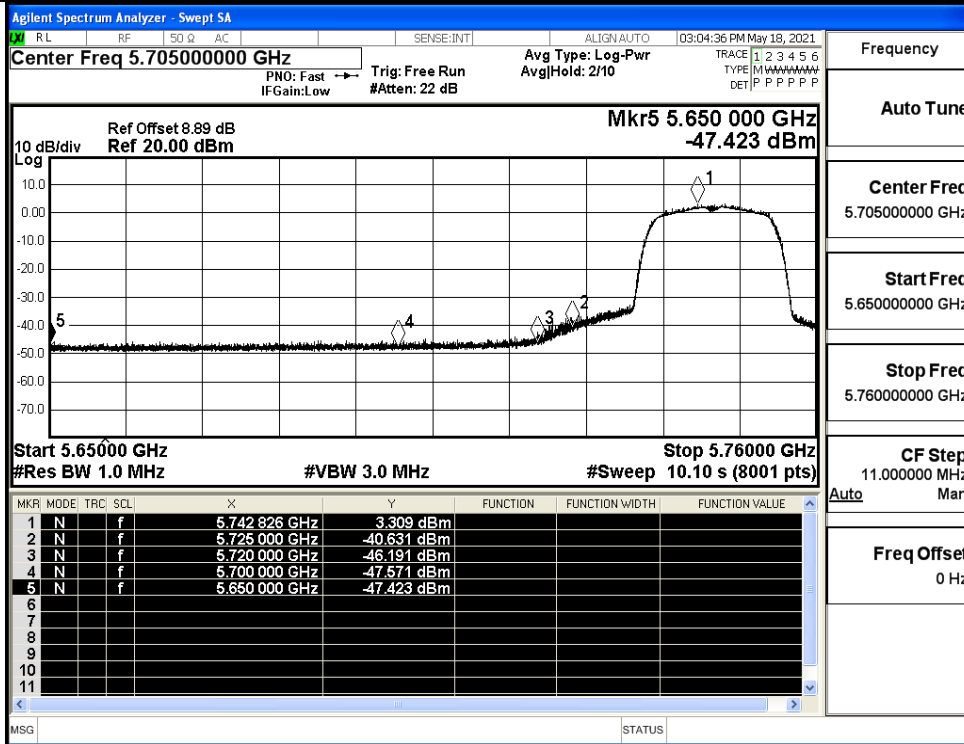


IEEE 802.11n40 / Channel 159 / 5795MHz / Peak



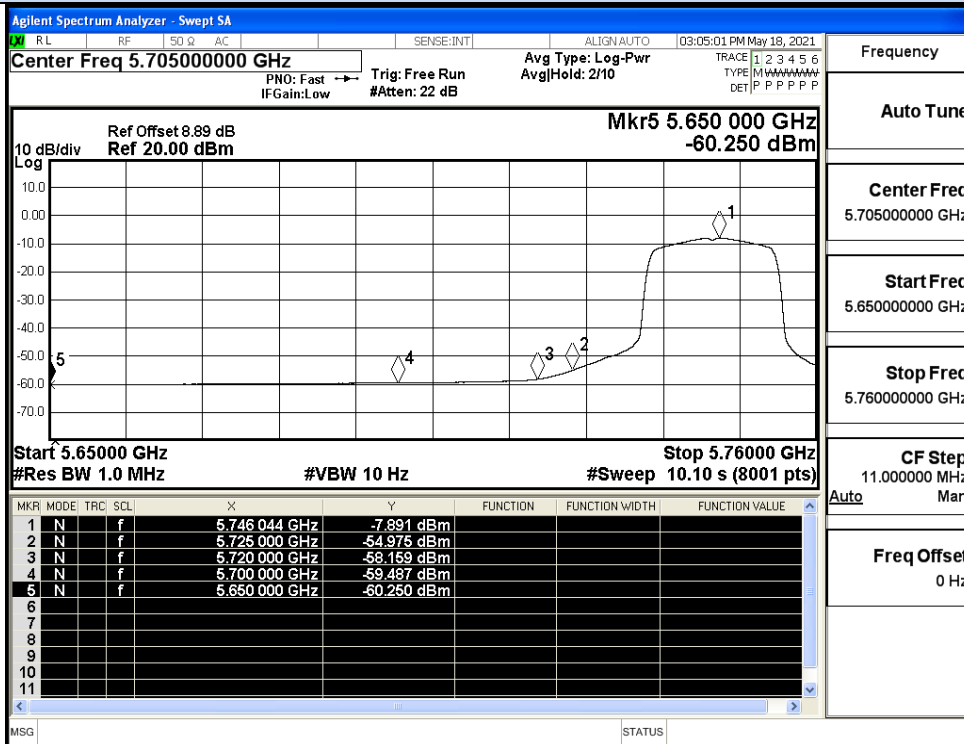
IEEE 802.11n40 / Channel 159 / 5795MHz / Average





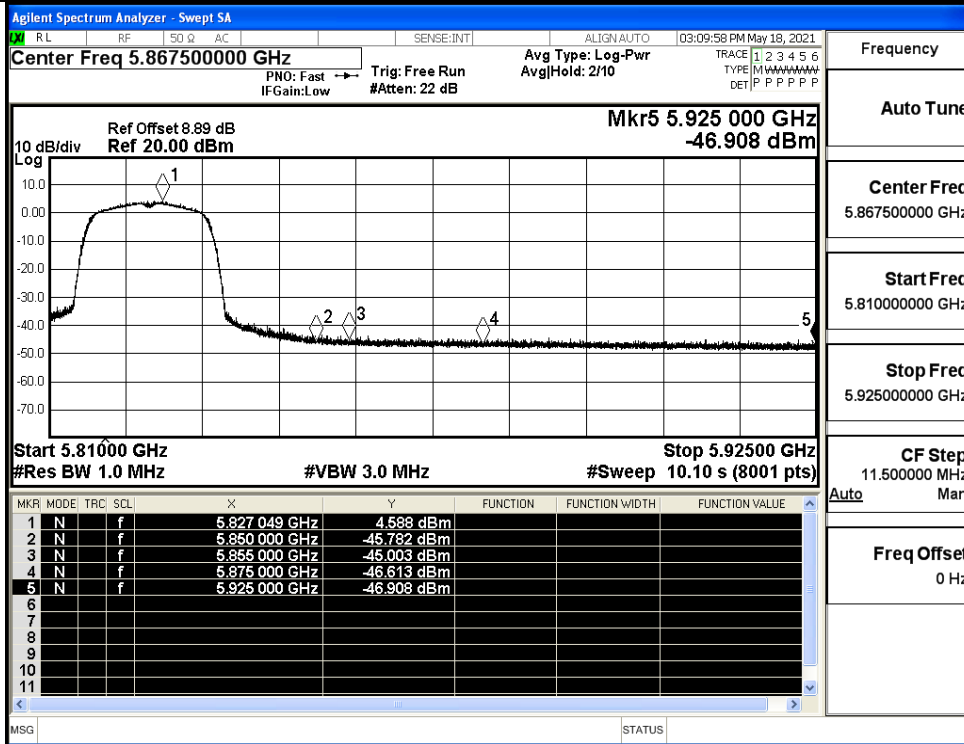
Frequency	
Auto Tune	
Center Freq	5.705000000 GHz
Start Freq	5.650000000 GHz
Stop Freq	5.760000000 GHz
CF Step	11.000000 MHz
Auto	Man
Freq Offset	0 Hz

IEEE 802.11ac20 / Channel 149 / 5745MHz / Peak

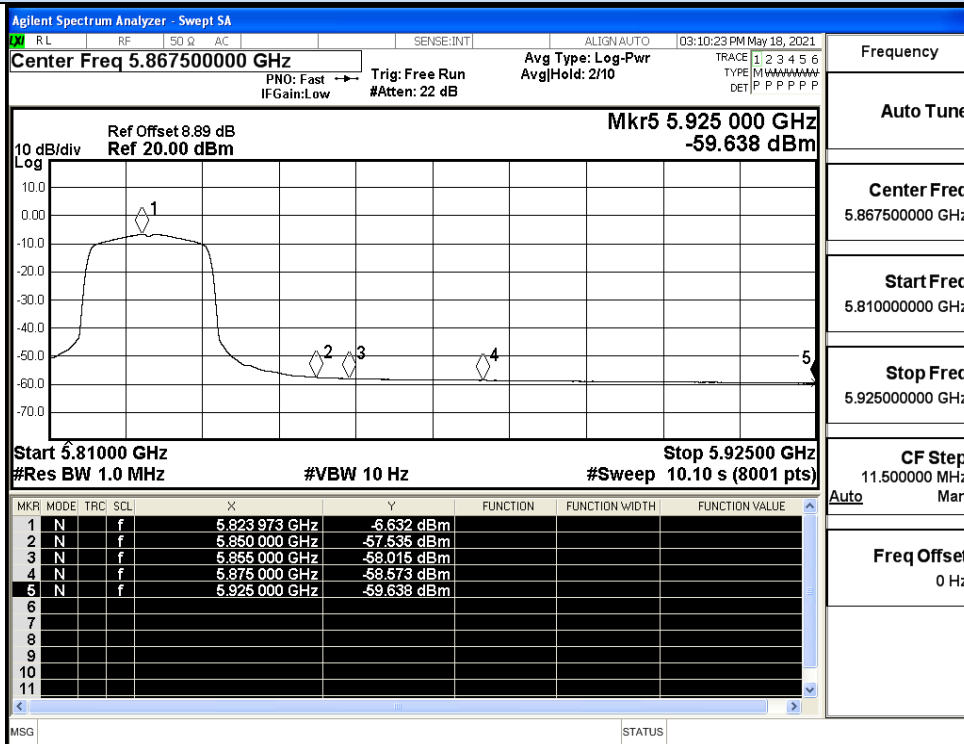


Frequency	
Auto Tune	
Center Freq	5.705000000 GHz
Start Freq	5.650000000 GHz
Stop Freq	5.760000000 GHz
CF Step	11.000000 MHz
Auto	Man
Freq Offset	0 Hz

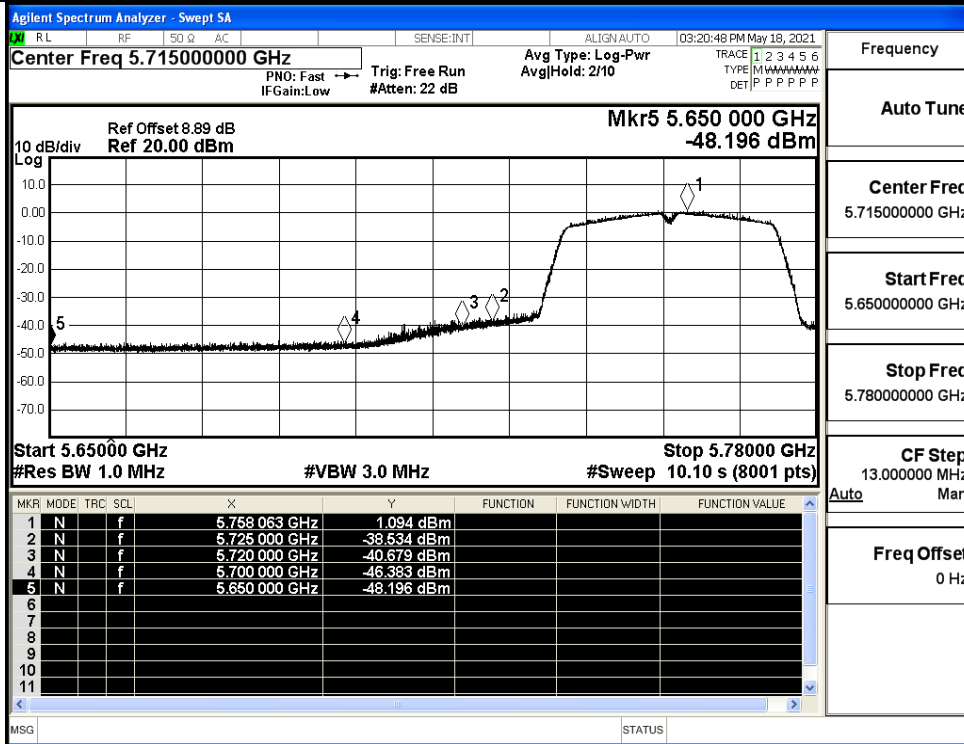
IEEE 802.11ac20 / Channel 149 / 5745MHz / Average



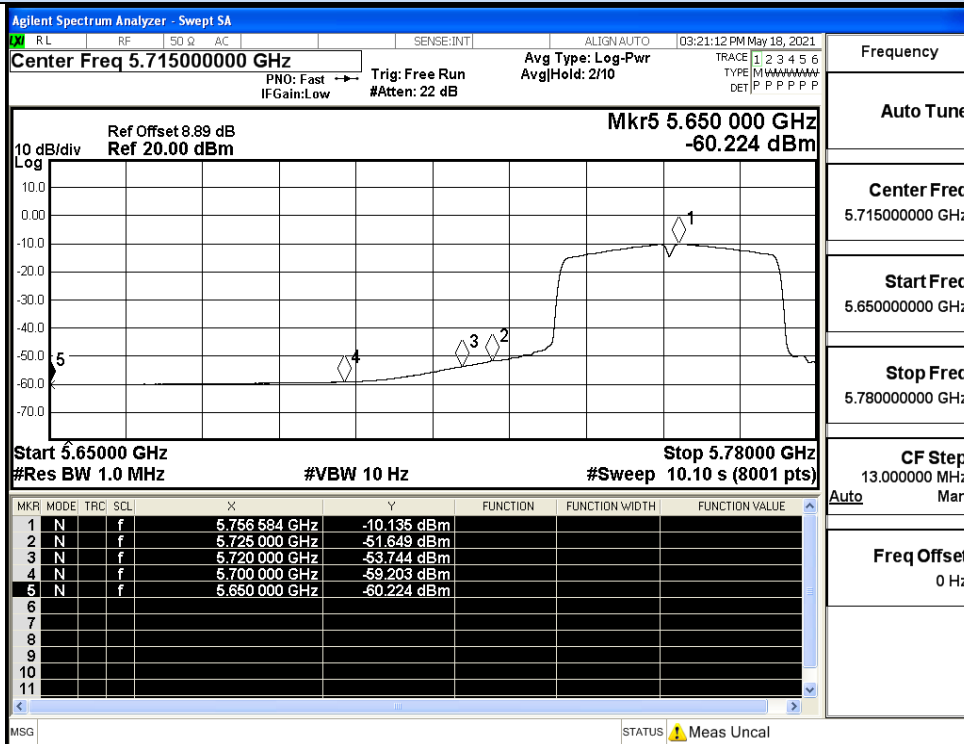
IEEE 802.11ac20 / Channel 165 / 5825MHz / Peak



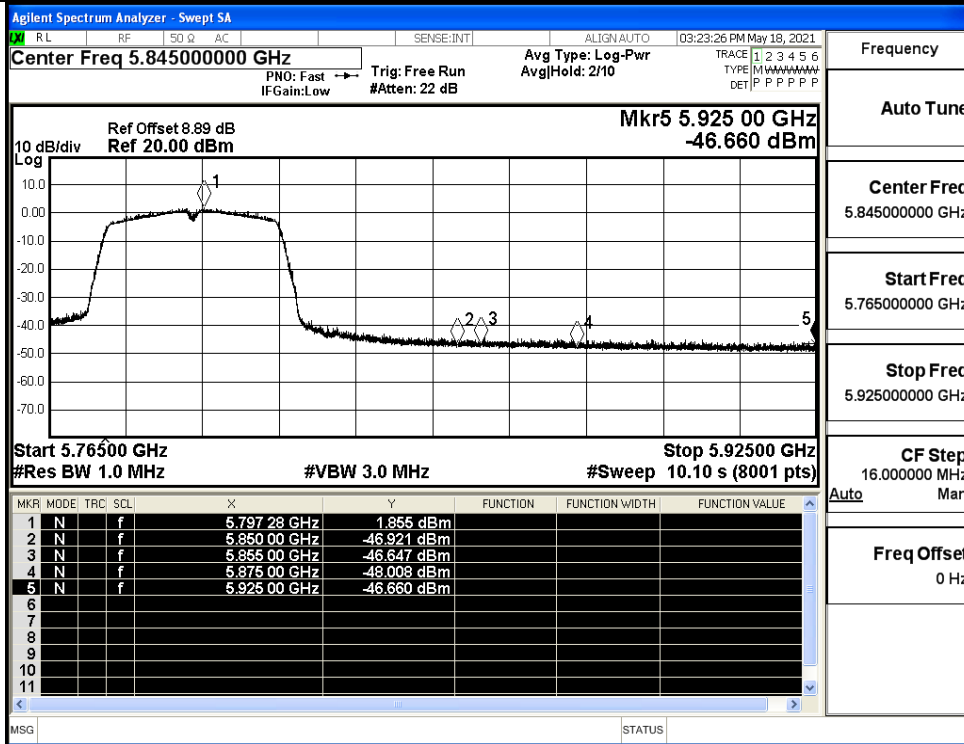
IEEE 802.11ac20 / Channel 165 / 5825MHz / Average



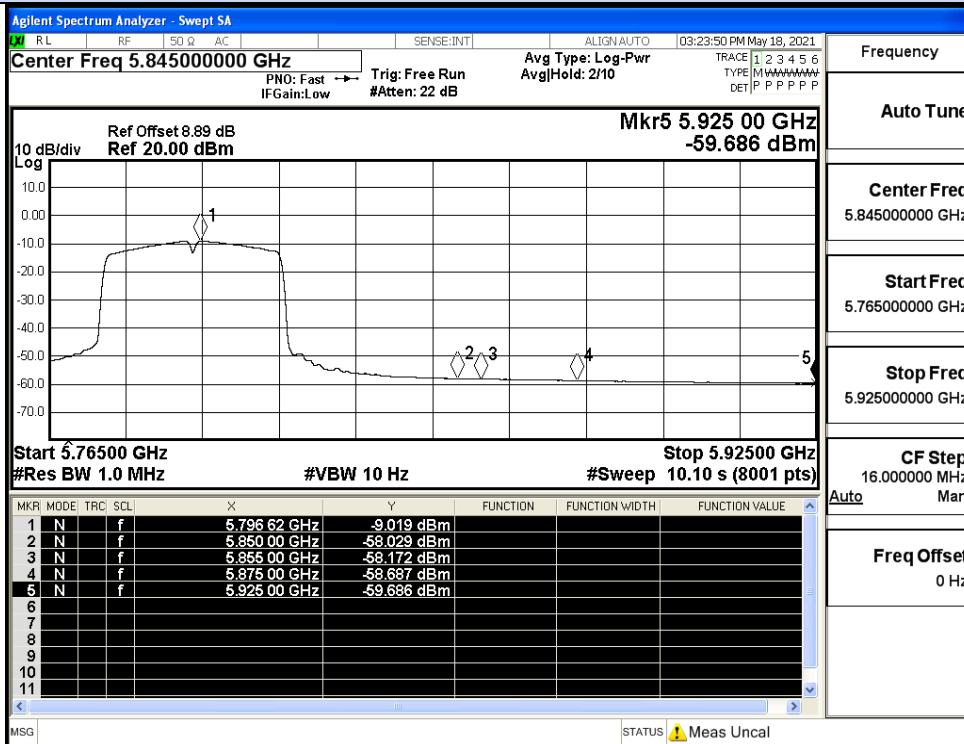
IEEE 802.11ac40 / Channel 151 / 5755MHz / Peak



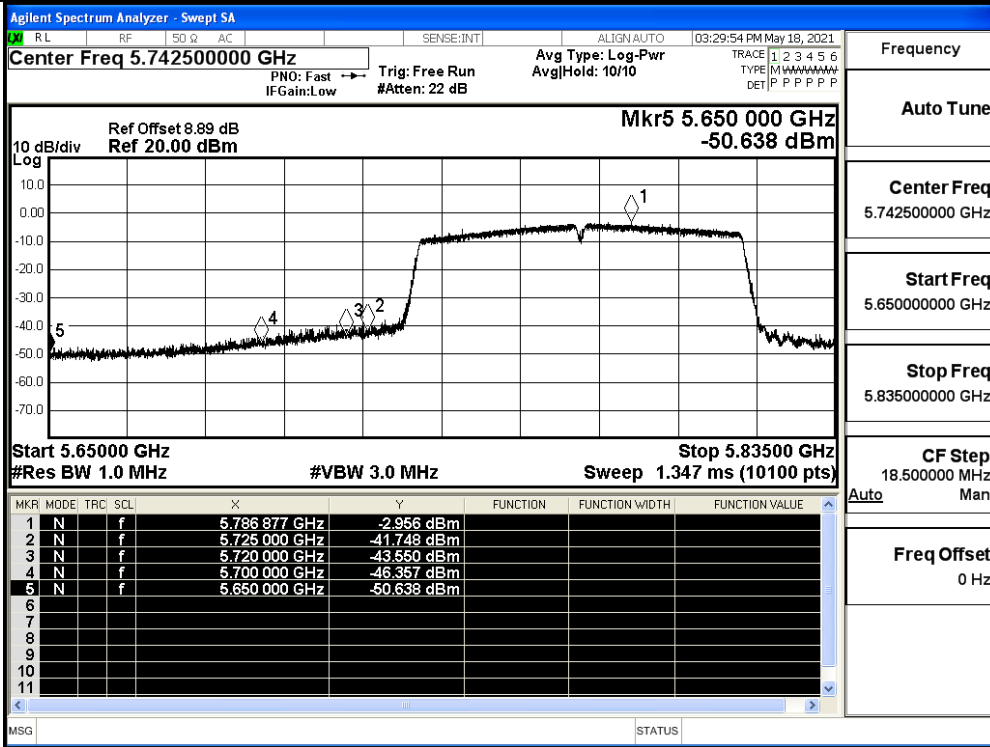
IEEE 802.11ac40 / Channel 151 / 5755MHz / Average



IEEE 802.11ac40 / Channel 159 / 5795MHz / Peak

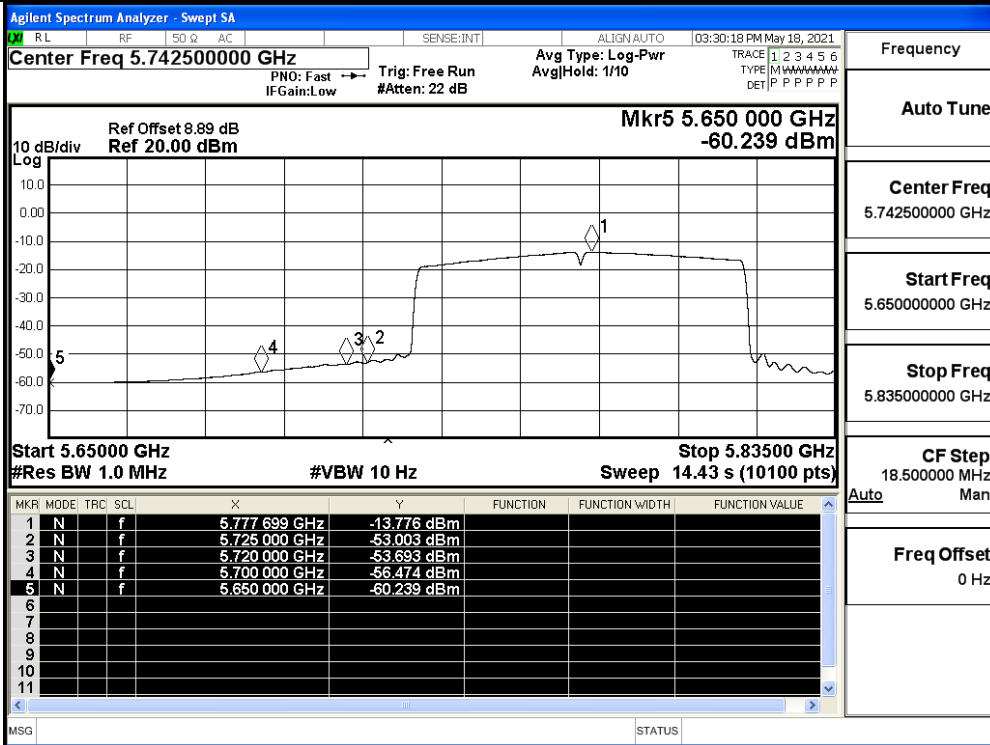


IEEE 802.11ac40 / Channel 159 / 5795MHz / Average



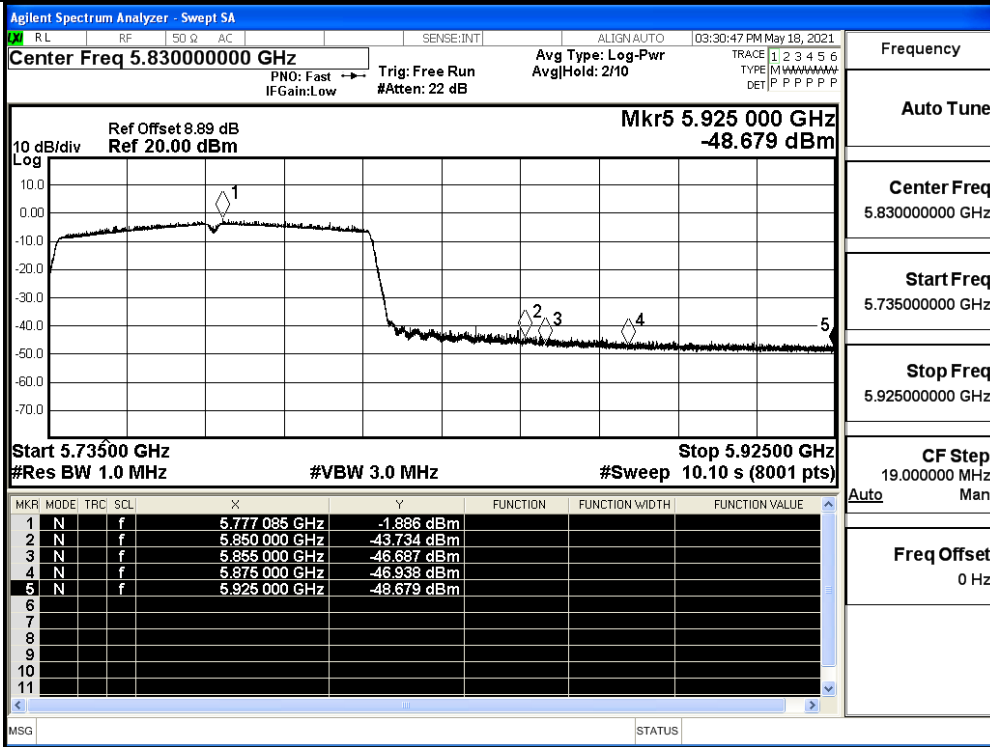
Frequency	
Auto Tune	
Center Freq	5.742500000 GHz
Start Freq	5.650000000 GHz
Stop Freq	5.835000000 GHz
CF Step	18.500000 MHz
Auto	Man
Freq Offset	0 Hz

IEEE 802.11ac80 / Channel 155 / 5775MHz / Peak

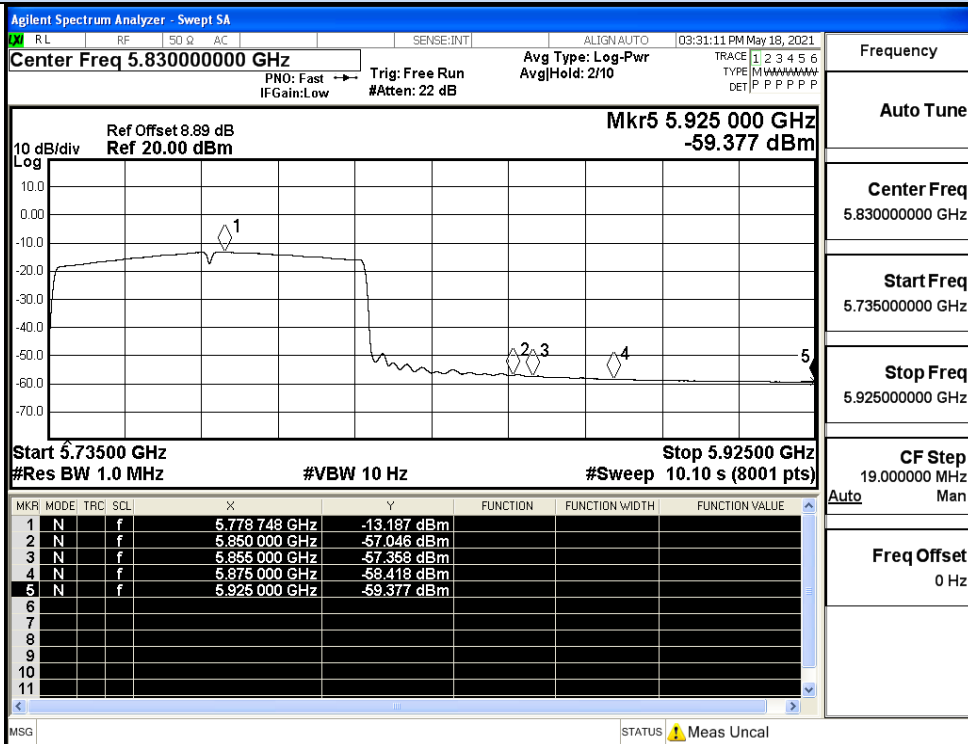


Frequency	
Auto Tune	
Center Freq	5.742500000 GHz
Start Freq	5.650000000 GHz
Stop Freq	5.835000000 GHz
CF Step	18.500000 MHz
Auto	Man
Freq Offset	0 Hz

IEEE 802.11ac80 / Channel 155 / 5775MHz / Average



IEEE 802.11ac80 / Channel 155/ 5775MHz / Peak



IEEE 802.11ac80 / Channel 155 / 5775MHz / Average

MIMO

Test Mode	Channel	Frequency (MHz)	ANT 0 Conducted Power (dBm)	ANT 1 Conducted Power (dBm)	MIMO Conducted Power (dBm)	Antenna Gain (dBi)	EIRP (dBm/MHz)	Detector	Limit (dBm/MHz)	Verdict
11N20	149	5650.0	-48.30	-47.49	-44.87	6.01	-38.86	Peak	-27.0	Pass
		5650.0	-60.27	-60.30	-57.27	6.01	-51.26	Average	-27.0	Pass
		5700.0	-47.85	-48.00	-44.91	6.01	-38.90	Peak	10	Pass
		5700.0	-58.08	-58.42	-55.24	6.01	-49.23	Average	10	Pass
		5720.0	-46.07	-46.55	-43.29	6.01	-37.28	Peak	15.6	Pass
		5720.0	-59.52	-59.51	-56.50	6.01	-50.49	Average	15.6	Pass
	165	5725.0	-39.29	-40.81	-36.97	6.01	-30.96	Peak	27.0	Pass
		5725.0	-54.94	-55.33	-52.12	6.01	-46.11	Average	27.0	Pass
		5850.0	-45.66	-44.18	-41.85	6.01	-35.84	Peak	27.0	Pass
		5850.0	-57.83	-57.75	-54.78	6.01	-48.77	Average	27.0	Pass
		5855.0	-46.92	-46.47	-43.68	6.01	-37.67	Peak	15.6	Pass
		5855.0	-58.29	-58.19	-55.23	6.01	-49.22	Average	15.6	Pass
		5875.0	-46.70	-46.00	-43.33	6.01	-37.32	Peak	10	Pass
		5875.0	-58.79	-58.69	-55.73	6.01	-49.72	Average	10	Pass
		5925.0	-47.06	-46.40	-43.71	6.01	-37.70	Peak	-27.0	Pass
		5925.0	-59.88	-59.79	-56.82	6.01	-50.81	Average	-27.0	Pass

Test Mode	Channel	Frequency (MHz)	ANT 0 Conducted Power (dBm)	ANT 1 Conducted Power (dBm)	MIMO Conducted Power (dBm)	Antenna Gain (dBi)	EIRP (dBm/MHz)	Detector	Limit (dBm/MHz)	Verdict
11N40	151	5650.0	-48.31	-48.42	-45.35	6.01	-39.34	Peak	-27.0	Pass
		5650.0	-60.23	-60.15	-57.18	6.01	-51.17	Average	-27.0	Pass
		5700.0	-47.60	-47.60	-44.59	6.01	-38.58	Peak	10	Pass
		5700.0	-59.36	-59.24	-56.29	6.01	-50.28	Average	10	Pass
		5720.0	-40.96	-40.83	-37.88	6.01	-31.87	Peak	15.6	Pass
		5720.0	-54.51	-54.19	-51.34	6.01	-45.33	Average	15.6	Pass
	159	5725.0	-39.44	-39.49	-36.45	6.01	-30.44	Peak	27.0	Pass
		5725.0	-52.47	-52.08	-49.26	6.01	-43.25	Average	27.0	Pass
		5850.0	-47.66	-46.81	-44.20	6.01	-38.19	Peak	27.0	Pass
		5850.0	-58.25	-57.99	-55.11	6.01	-49.10	Average	27.0	Pass
		5855.0	-45.95	-46.27	-43.10	6.01	-37.09	Peak	15.6	Pass
		5855.0	-58.42	-58.13	-55.26	6.01	-49.25	Average	15.6	Pass
		5875.0	-47.93	-46.66	-44.24	6.01	-38.23	Peak	10	Pass
		5875.0	-58.89	-58.68	-55.77	6.01	-49.76	Average	10	Pass
		5925.0	-47.16	-48.54	-44.79	6.01	-38.78	Peak	-27.0	Pass
		5925.0	-59.77	-59.58	-56.66	6.01	-50.65	Average	-27.0	Pass
11AC20	149	5650.0	-47.81	-47.42	-44.60	6.01	-38.59	Peak	-27.0	Pass
		5650.0	-60.30	-60.25	-57.26	6.01	-51.25	Average	-27.0	Pass
		5700.0	-48.47	-47.57	-44.99	6.01	-38.98	Peak	10	Pass
		5700.0	-58.40	-58.16	-55.27	6.01	-49.26	Average	10	Pass
		5720.0	-45.21	-46.19	-42.66	6.01	-36.65	Peak	15.6	Pass
		5720.0	-59.55	-59.49	-56.51	6.01	-50.50	Average	15.6	Pass
	165	5725.0	-37.24	-40.63	-35.60	6.01	-29.59	Peak	27.0	Pass
		5725.0	-55.16	-54.98	-52.06	6.01	-46.05	Average	27.0	Pass
		5850.0	-46.04	-45.78	-42.90	6.01	-36.89	Peak	27.0	Pass
		5850.0	-57.89	-57.54	-54.70	6.01	-48.69	Average	27.0	Pass
		5855.0	-46.87	-45.00	-42.82	6.01	-36.81	Peak	15.6	Pass
		5855.0	-58.29	-58.02	-55.14	6.01	-49.13	Average	15.6	Pass
		5875.0	-47.93	-46.61	-44.21	6.01	-38.20	Peak	10	Pass
		5875.0	-58.77	-58.57	-55.66	6.01	-49.65	Average	10	Pass
		5925.0	-47.78	-46.91	-44.31	6.01	-38.30	Peak	-27.0	Pass
		5925.0	-59.83	-59.64	-56.72	6.01	-50.71	Average	-27.0	Pass
11AC40	151	5650.0	-48.33	-48.20	-45.25	6.01	-39.24	Peak	-27.0	Pass
		5650.0	-60.16	-60.22	-57.18	6.01	-51.17	Average	-27.0	Pass
		5700.0	-45.79	-46.38	-43.06	6.01	-37.05	Peak	10	Pass
		5700.0	-59.31	-59.20	-56.24	6.01	-50.23	Average	10	Pass
		5720.0	-41.29	-40.68	-37.96	6.01	-31.95	Peak	15.6	Pass
		5720.0	-54.53	-53.74	-51.11	6.01	-45.10	Average	15.6	Pass
	159	5725.0	-40.42	-38.53	-36.36	6.01	-30.35	Peak	27.0	Pass
		5725.0	-52.53	-51.65	-49.06	6.01	-43.05	Average	27.0	Pass
		5850.0	-46.43	-46.92	-43.66	6.01	-37.65	Peak	27.0	Pass
		5850.0	-58.12	-58.03	-55.06	6.01	-49.05	Average	27.0	Pass
		5855.0	-47.14	-46.65	-43.88	6.01	-37.87	Peak	15.6	Pass

		5855.0	-58.29	-58.17	-55.22	6.01	-49.21	Average	15.6	Pass
		5875.0	-48.01	-48.01	-45.00	6.01	-38.99	Peak	10	Pass
		5875.0	-58.78	-58.69	-55.72	6.01	-49.71	Average	10	Pass
		5925.0	-47.79	-46.66	-44.18	6.01	-38.17	Peak	-27.0	Pass
		5925.0	-59.70	-59.69	-56.68	6.01	-50.67	Average	-27.0	Pass
11AC80	155	5725.0	-45.91	-43.73	-41.67	6.01	-35.66	Peak	27.0	Pass
		5720.0	-45.79	-46.69	-43.21	6.01	-37.20	Peak	15.6	Pass
		5700.0	-46.85	-46.94	-43.88	6.01	-37.87	Peak	10	Pass
		5650.0	-47.39	-48.68	-44.98	6.01	-38.97	Peak	-27.0	Pass
		5725.0	-57.23	-57.05	-54.13	6.01	-48.12	Average	27.0	Pass
		5720.0	-57.51	-57.36	-54.42	6.01	-48.41	Average	15.6	Pass
		5700.0	-58.48	-58.42	-55.44	6.01	-49.43	Average	10	Pass
		5650.0	-59.42	-59.38	-56.39	6.01	-50.38	Average	-27.0	Pass
		5850.0	-45.91	-43.73	-41.67	6.01	-35.66	Peak	27.0	Pass
		5855.0	-45.79	-46.69	-43.21	6.01	-37.20	Peak	15.6	Pass
		5875.0	-46.85	-46.94	-43.88	6.01	-37.87	Peak	10	Pass
		5925.0	-47.39	-48.68	-44.98	6.01	-38.97	Peak	-27.0	Pass
		5850.0	-57.23	-57.05	-54.13	6.01	-48.12	Average	27.0	Pass
		5855.0	-57.51	-57.36	-54.42	6.01	-48.41	Average	15.6	Pass
		5875.0	-58.48	-58.42	-55.44	6.01	-49.43	Average	10	Pass
		5925.0	-59.42	-59.38	-56.39	6.01	-50.38	Average	-27.0	Pass

EIRP(dBm/MHz)= Conducted Power (dBm) + Antenna Gain (dBi)

The upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands or 2 dBi, whichever is greater

Directional gain=3dBi+10 log (2) = 6.01dBi