

Appendix D

RF Test Data for 5.8G WLAN (Conducted Measurement)

Product Name: LAPTOP

Trade Mark: FUSION5

Test Model: A90B+ Pro

Environmental Conditions

Temperature:	25.5 °C
Relative Humidity:	51.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Ken He
Supervised by:	Li Huan

D.1 Duty Cycle

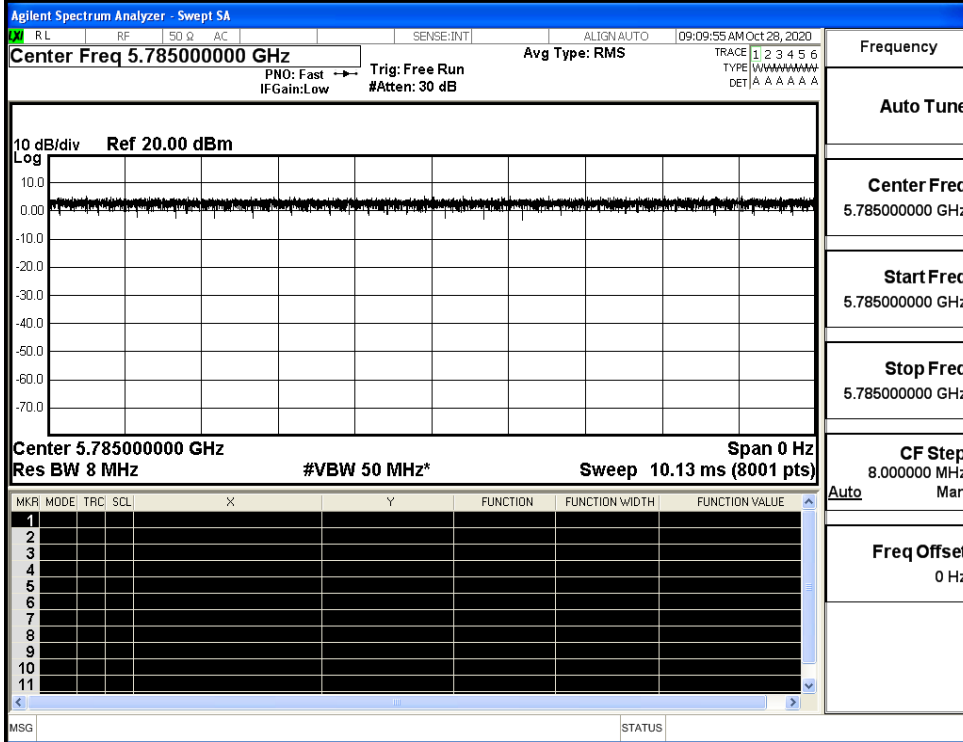
Ant0

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

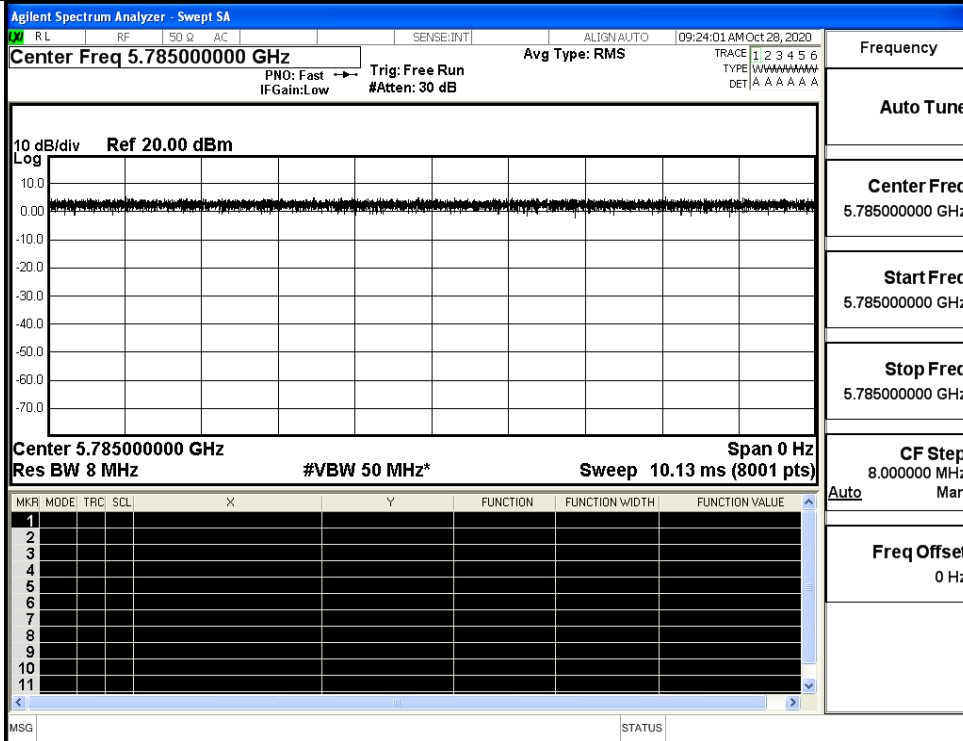
Ant1

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

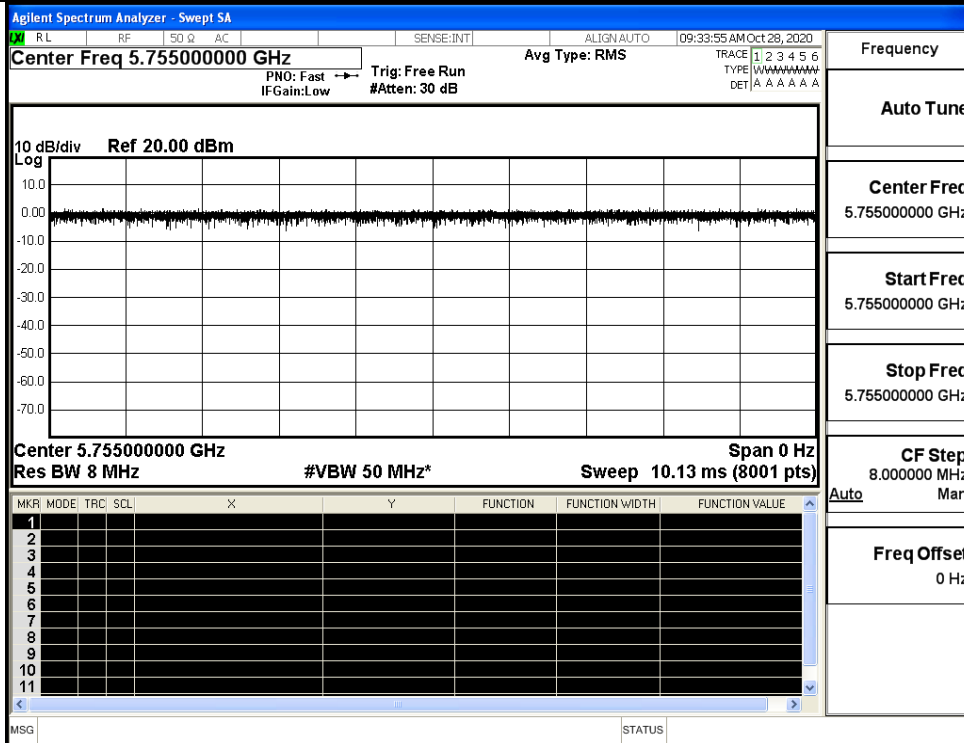
On Time and Duty Cycle_Ant0



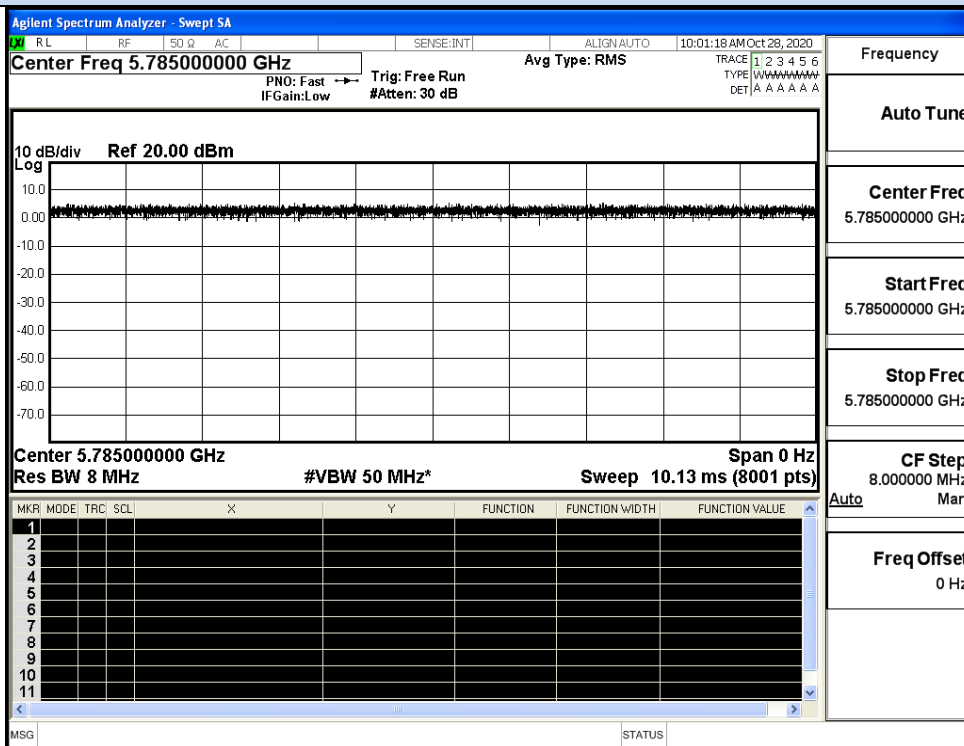
IEEE 802.11a



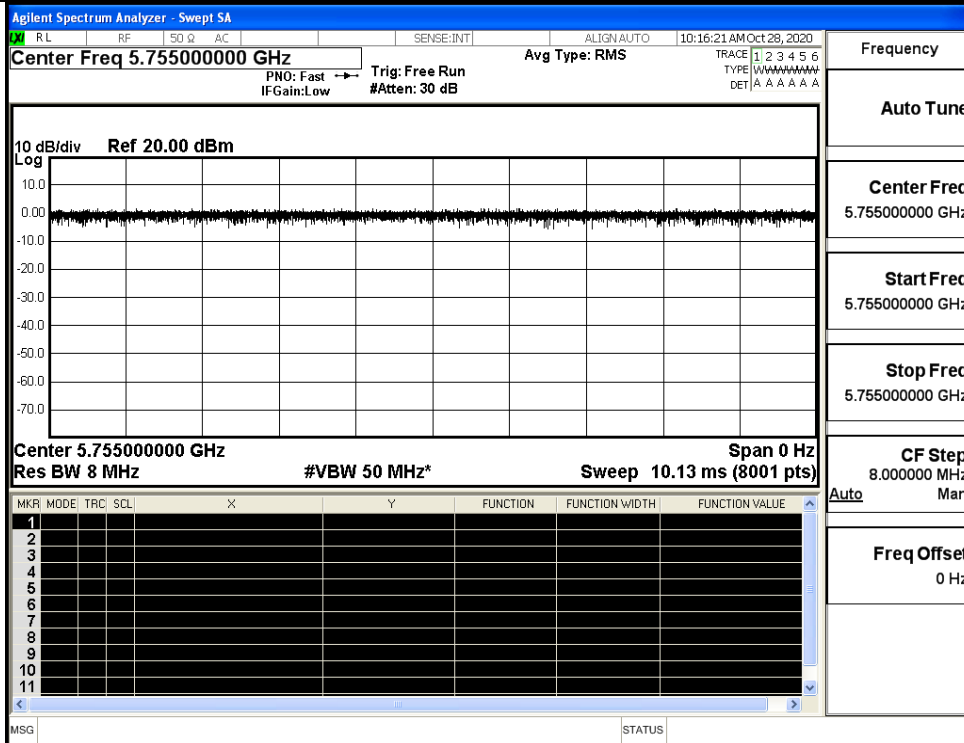
IEEE 802.11n HT20



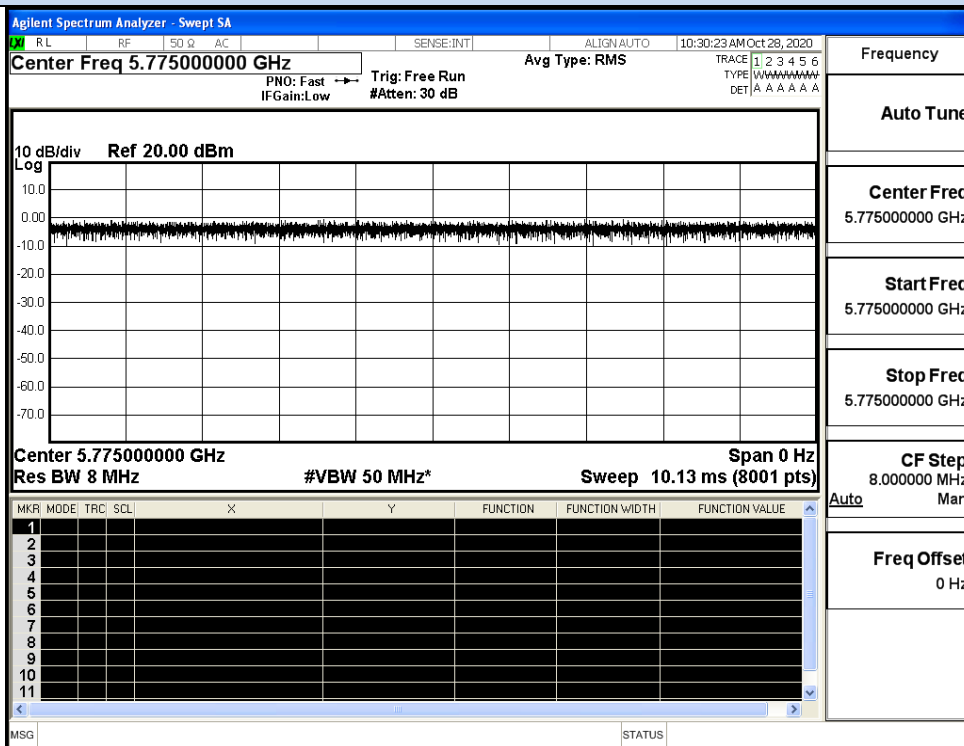
IEEE 802.11n HT40



IEEE 802.11AC20

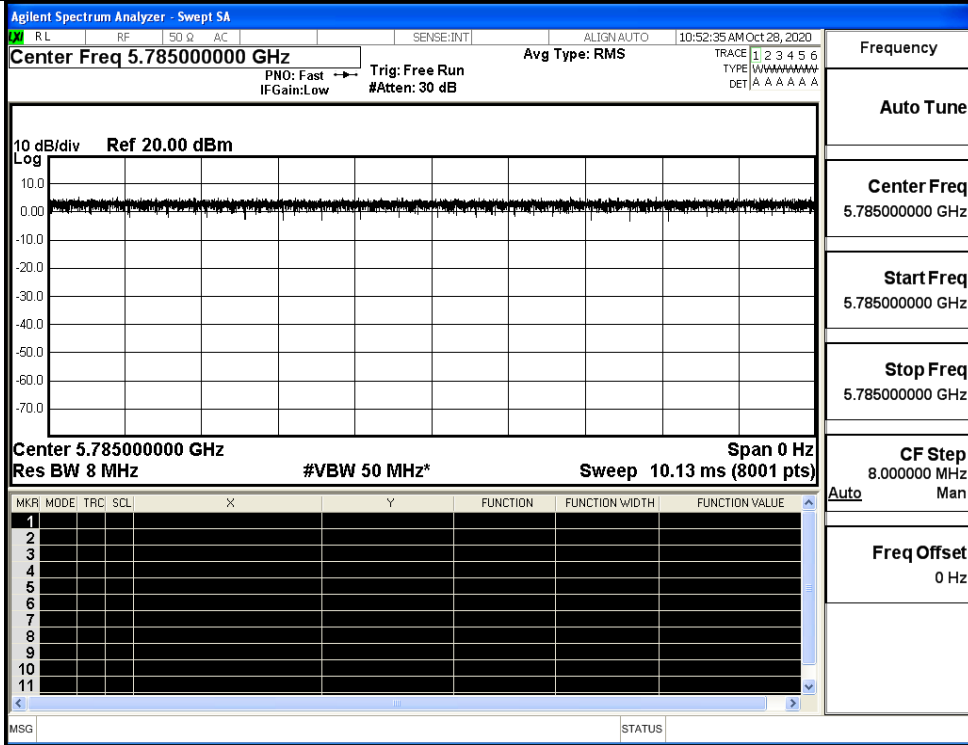


IEEE 802.11AC40

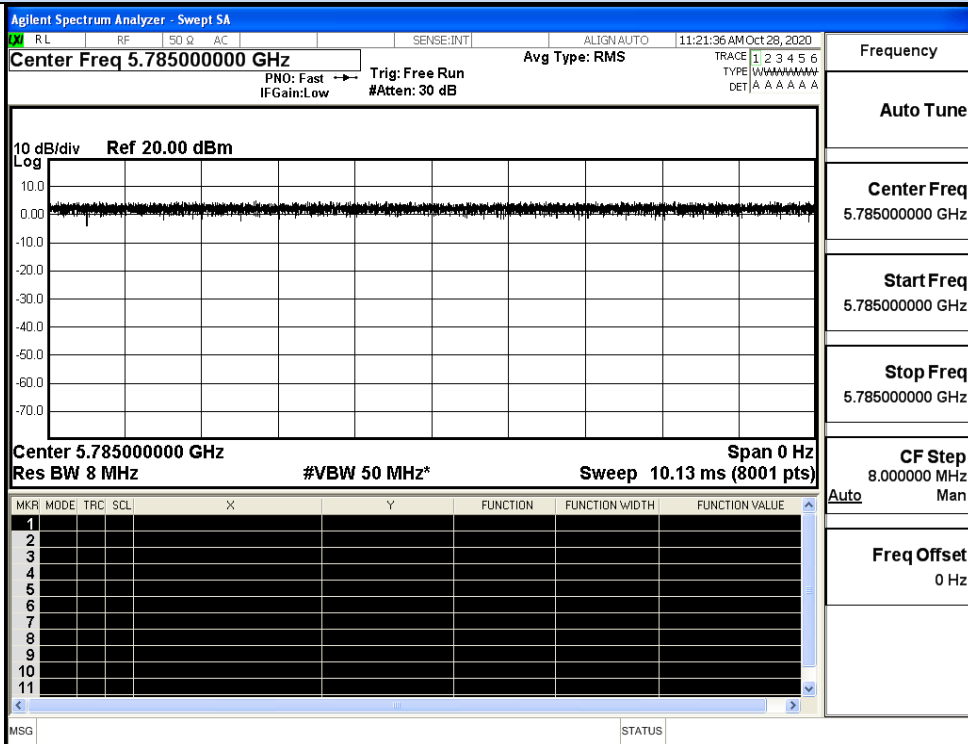


IEEE 802.11AC80

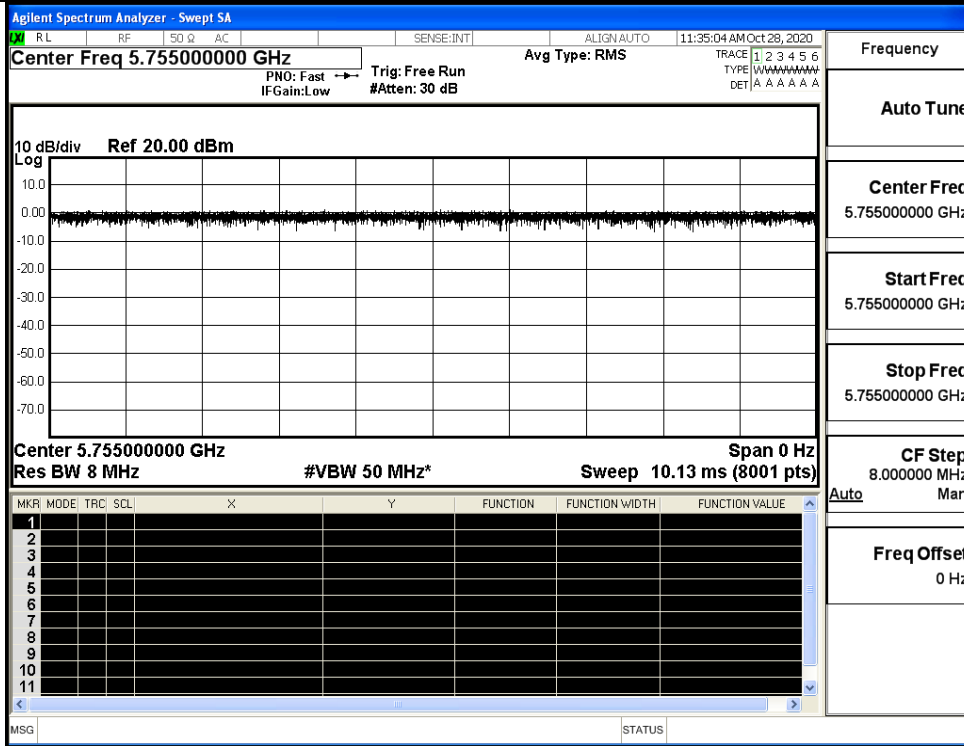
On Time and Duty Cycle_Ant1



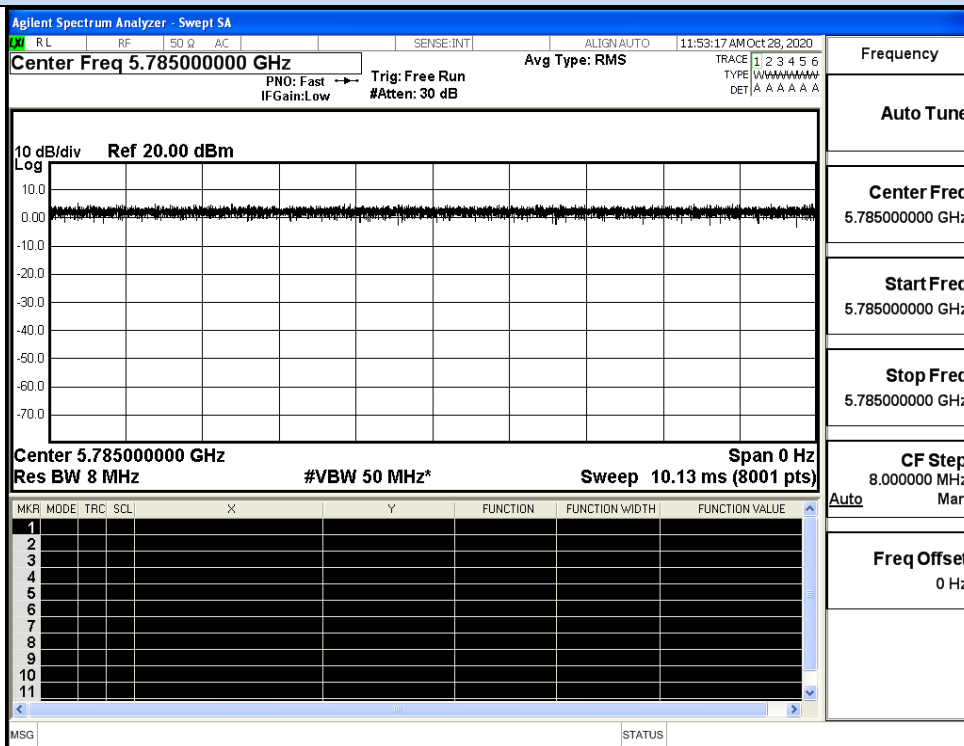
IEEE 802.11a



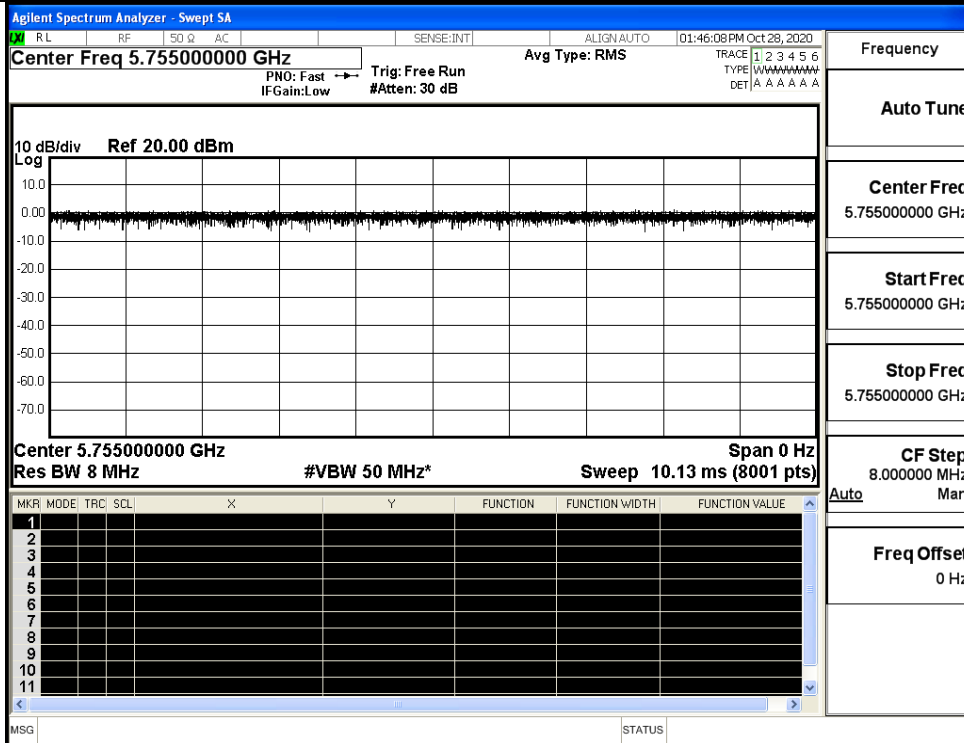
IEEE 802.11n HT20



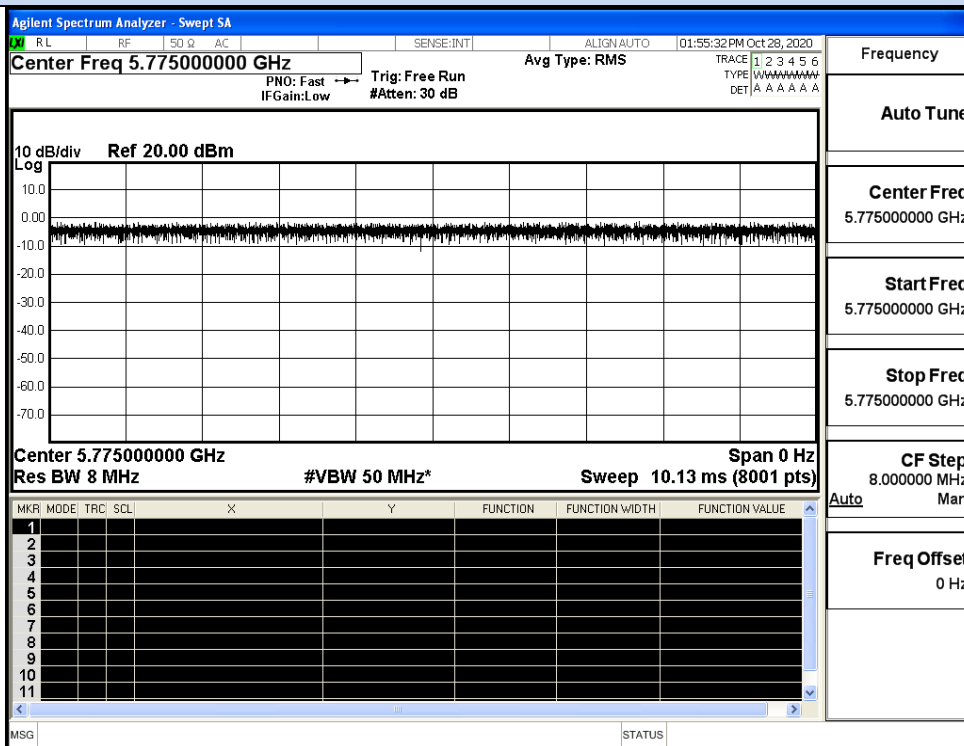
IEEE 802.11n HT40



IEEE 802.11AC20



IEEE 802.11AC40



IEEE 802.11AC80

D.2 Maximum Conducted Output Power**Ant0**

Test Mode	Channel	Frequency (MHz)	Peak Conducted Power (dBm)	Duty Cycle Factor(dB)	Report Conducted Power(dBm)	Limit (dBm)	Verdict
11A	149	5745	4.39	0	4.39	30	Pass
	157	5785	4.38	0	4.38		Pass
	165	5825	4.15	0	4.15		Pass
11N20 SISO	149	5745	4.39	0	4.39	30	Pass
	157	5785	4.09	0	4.09		Pass
	165	5825	4.17	0	4.17		Pass
11N40 SISO	151	5755	4.34	0	4.34	30	Pass
	159	5795	4.19	0	4.19		Pass
11AC20 SISO	149	5745	4.33	0	4.33	30	Pass
	157	5785	4.23	0	4.23		Pass
	165	5825	4.38	0	4.38		Pass
11AC40 SISO	151	5755	4.10	0	4.10	30	Pass
	159	5795	4.12	0	4.12		Pass
11AC80 SISO	155	5775	4.03	0	4.03	30	Pass

Ant1

Test Mode	Channel	Frequency (MHz)	Peak Conducted Power (dBm)	Duty Cycle Factor(dB)	Report Conducted Power(dBm)	Limit (dBm)	Verdict
11A	149	5745	4.35	0	4.35	30	Pass
	157	5785	4.33	0	4.33		Pass
	165	5825	4.40	0	4.40		Pass
11N20 SISO	149	5745	4.06	0	4.06	30	Pass
	157	5785	4.12	0	4.12		Pass
	165	5825	4.36	0	4.36		Pass
11N40 SISO	151	5755	4.34	0	4.34	30	Pass
	159	5795	4.24	0	4.24		Pass
11AC20 SISO	149	5745	4.28	0	4.28	30	Pass
	157	5785	4.36	0	4.36		Pass
	165	5825	4.29	0	4.29		Pass
11AC40 SISO	151	5755	4.16	0	4.16	30	Pass
	159	5795	4.09	0	4.09		Pass
11AC80 SISO	155	5775	4.06	0	4.06	30	Pass

ANT0+ANT1

Test Mode	Channel	Frequency (MHz)	Peak Conducted Power (dBm)			Limit (dBm)
			Ant0	Ant1	Sum	
11N20	149	5745	4.39	4.06	7.24	30
	157	5785	4.09	4.12	7.12	
	165	5825	4.17	4.36	7.28	
11N40	151	5755	4.34	4.30	7.33	30
	159	5795	4.19	4.24	7.23	
11AC20	149	5745	4.33	4.28	7.32	30
	157	5785	4.23	4.36	7.31	
	165	5825	4.38	4.29	7.35	
11AC40	151	5755	4.10	4.16	7.14	30
	159	5795	4.12	4.09	7.12	
11AC80	155	5775	4.03	4.06	7.06	30

D.3 Power Spectral Density**Ant0**

Test Mode	Channel	Frequency (MHz)	Power Density (dBm/510KHz)	Duty Cycle Factor (dB)	RBW Factor (dB)	Report Power Density (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
11A	149	5745	-4.70	0	-0.086	-4.79	30	Pass
	157	5785	-5.50	0	-0.086	-5.59		Pass
	165	5825	-4.64	0	-0.086	-4.73		Pass
11N20 SISO	149	5745	-4.73	0	-0.086	-4.82	30	Pass
	157	5785	-5.16	0	-0.086	-5.25		Pass
	165	5825	-4.07	0	-0.086	-4.16		Pass
11N40 SISO	151	5755	-6.84	0	-0.086	-6.93	30	Pass
	159	5795	-6.99	0	-0.086	-7.08		Pass
11AC20 SISO	149	5745	-6.17	0	-0.086	-6.26	30	Pass
	157	5785	-5.06	0	-0.086	-5.15		Pass
	165	5825	-4.58	0	-0.086	-4.67		Pass
11AC40 SISO	151	5755	-7.64	0	-0.086	-7.73	30	Pass
	159	5795	-7.11	0	-0.086	-7.20		Pass
11AC80 SISO	155	5775	-8.68	0	-0.086	-8.77	30	Pass

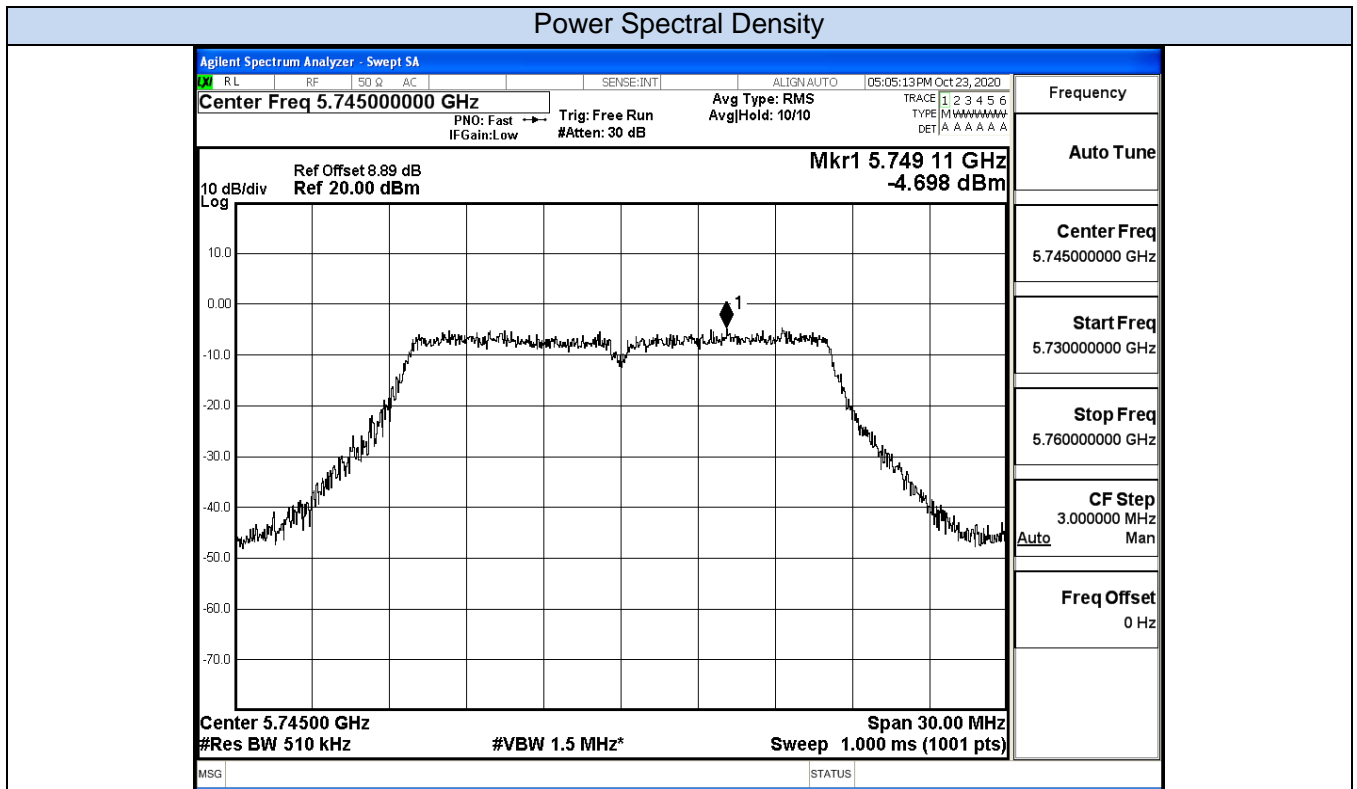
Ant1

Test Mode	Channel	Frequency (MHz)	Power Density (dBm/510KHz)	Duty Cycle Factor (dB)	RBW Factor (dB)	Report Power Density (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
11A	149	5745	-2.48	0	-0.086	-2.57	30	Pass
	157	5785	-4.72	0	-0.086	-4.81		Pass
	165	5825	-3.67	0	-0.086	-3.76		Pass
11N20 SISO	149	5745	-5.16	0	-0.086	-5.25	30	Pass
	157	5785	-4.91	0	-0.086	-5.00		Pass
	165	5825	-3.99	0	-0.086	-4.08		Pass
11N40 SISO	151	5755	-8.02	0	-0.086	-8.11	30	Pass
	159	5795	-7.39	0	-0.086	-7.48		Pass
11AC20 SISO	149	5745	-4.24	0	-0.086	-4.33	30	Pass
	157	5785	-4.82	0	-0.086	-4.91		Pass
	165	5825	-3.84	0	-0.086	-3.93		Pass
11AC40 SISO	151	5755	-8.49	0	-0.086	-8.58	30	Pass
	159	5795	-8.21	0	-0.086	-8.30		Pass
11AC80 SISO	155	5775	-10.24	0	-0.086	-10.33	30	Pass

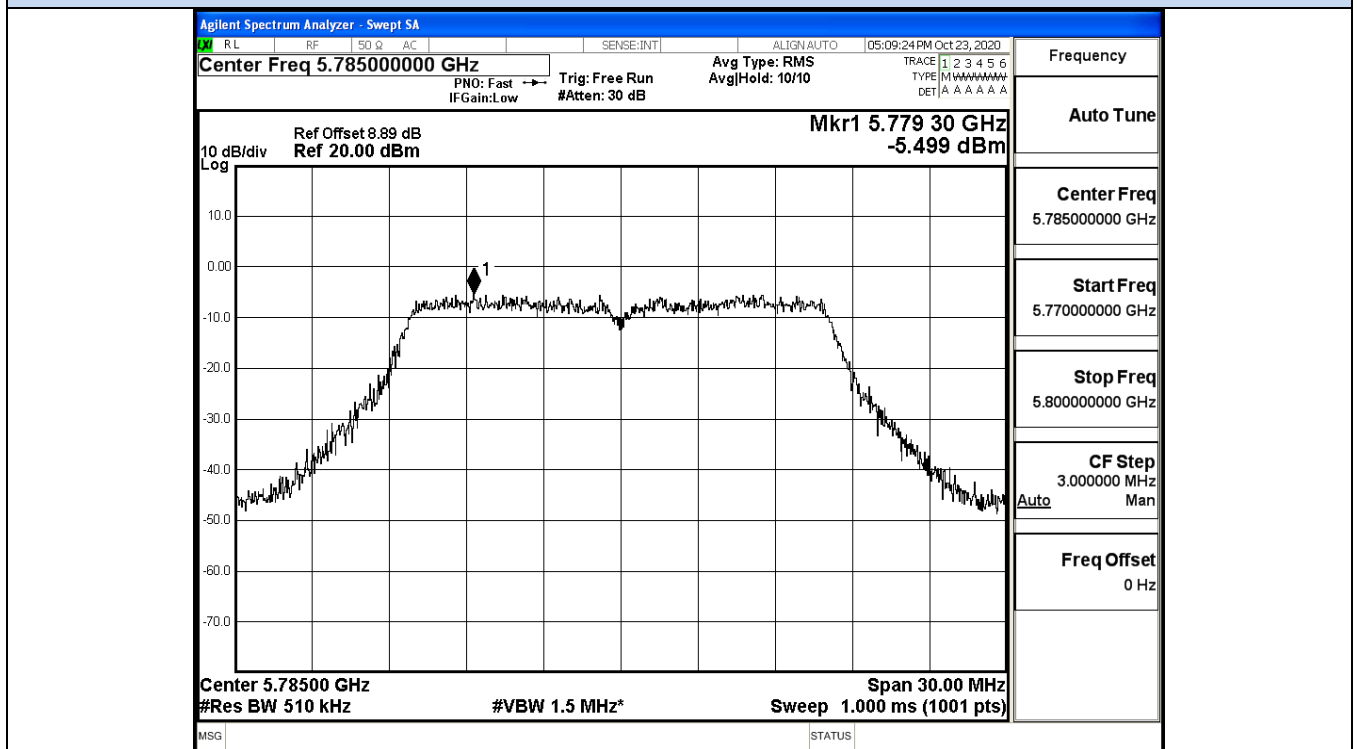
ANT0+ANT1

Test Mode	Channel	Frequency (MHz)	Report Power Density (dBm/500KHz)			Limit (dBm)
			Ant0	Ant1	Sum	
11N20	149	5745	-4.82	-5.25	-2.02	30
	157	5785	-5.25	-5.00	-2.11	
	165	5825	-4.16	-4.08	-1.11	
11N40	151	5755	-6.93	-8.11	-4.47	30
	159	5795	-7.08	-7.48	-4.27	
11AC20	149	5745	-6.26	-4.33	-2.18	30
	157	5785	-5.15	-4.91	-2.02	
	165	5825	-4.67	-3.93	-1.27	
11AC40	151	5755	-7.73	-8.58	-5.12	30
	159	5795	-7.20	-8.30	-4.70	
11AC80	155	5775	-8.77	-10.33	-6.47	30

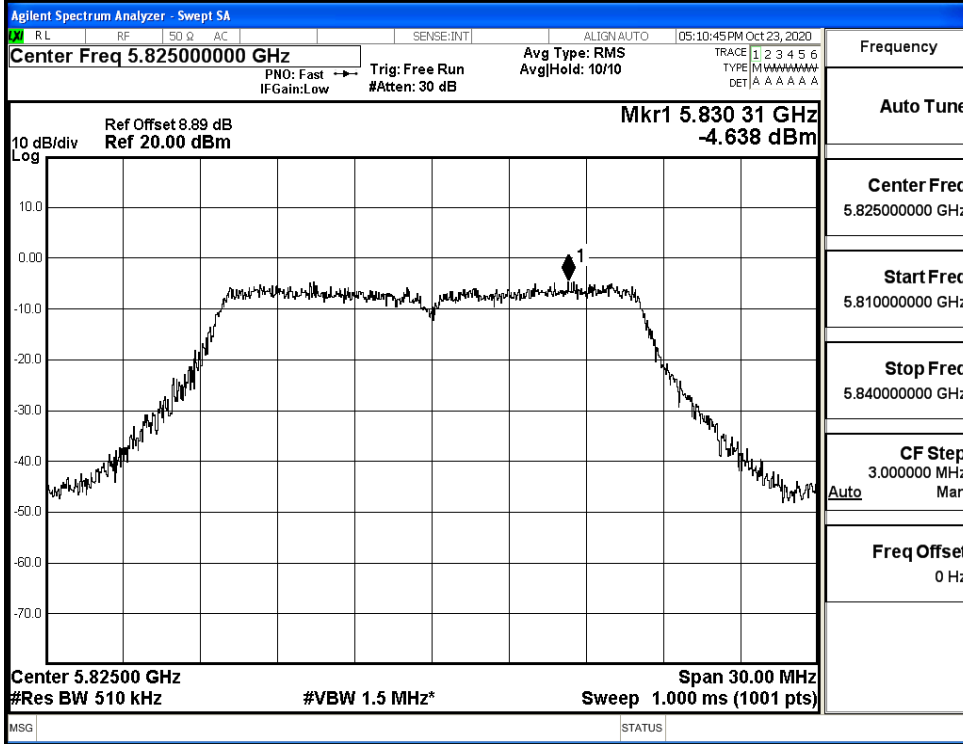
Ant0



IEEE 802.11a / Channel 149 / 5745MHz

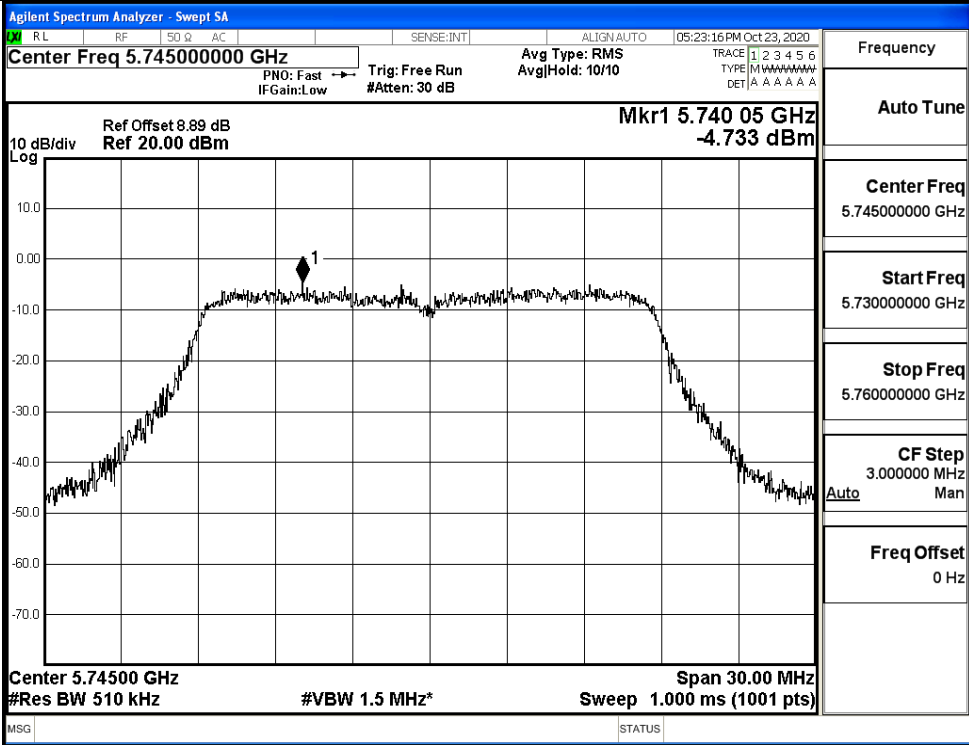


IEEE 802.11na / Channel 157 / 5785MHz

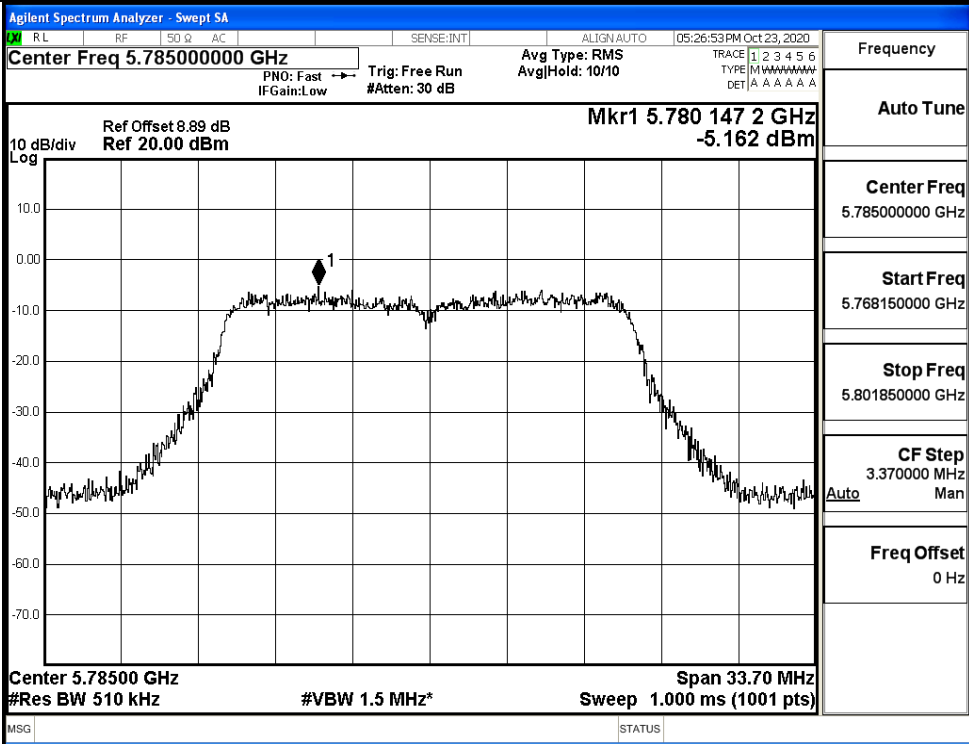


IEEE 802.11na / Channel 165 / 5825MHz

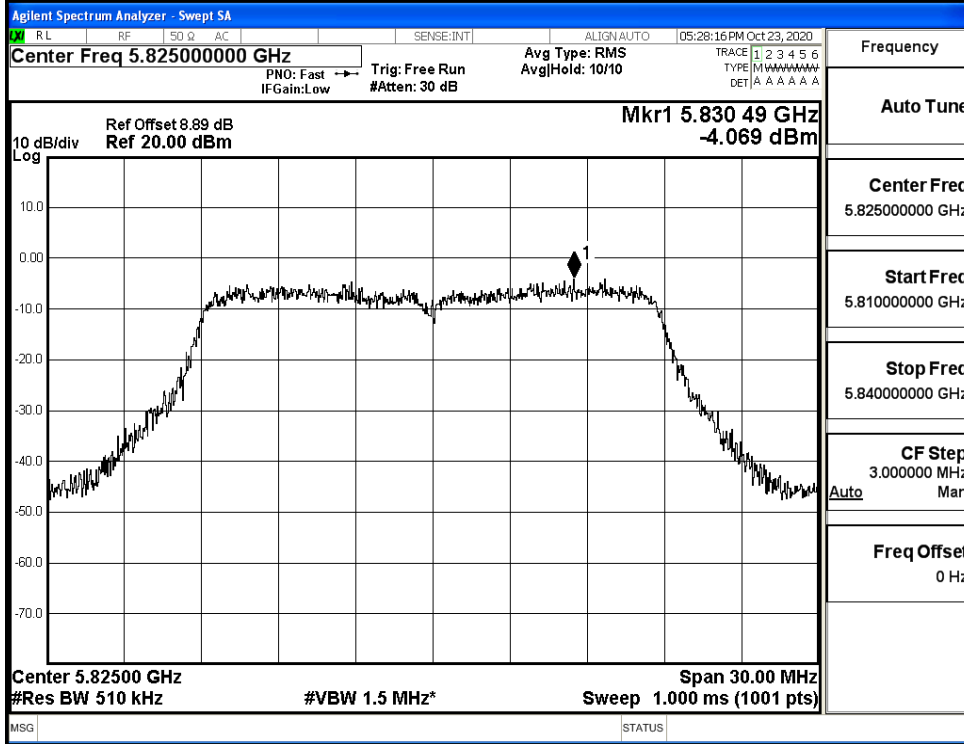
Power Spectral Density



IEEE 802.11n20 / Channel 149 / 5745MHz

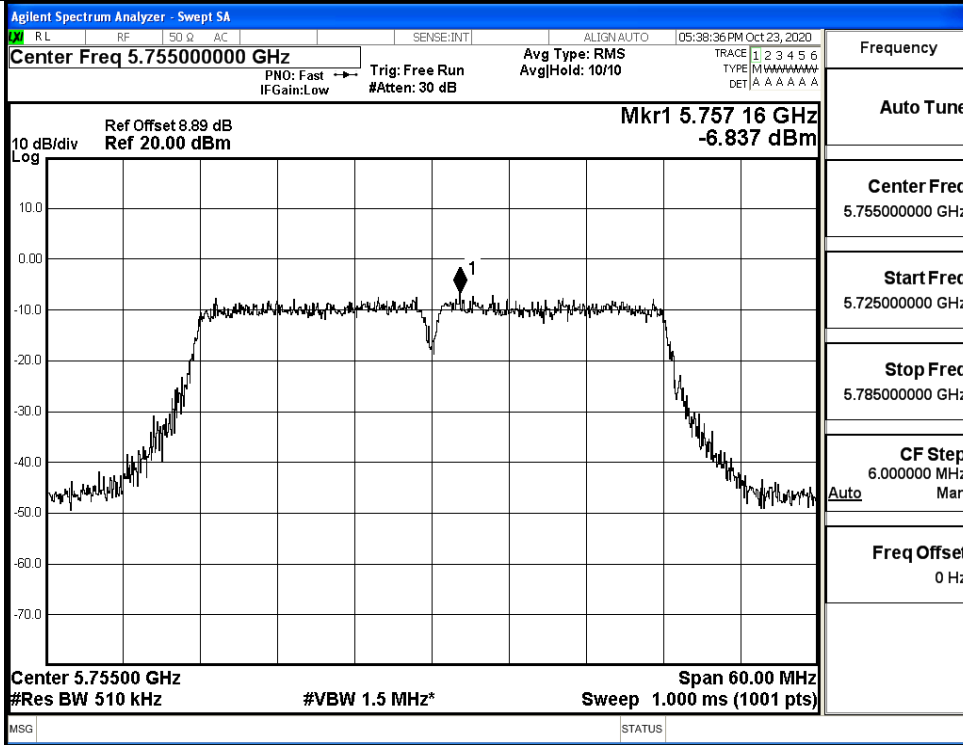


IEEE 802.11n20 / Channel 157 / 5785MHz

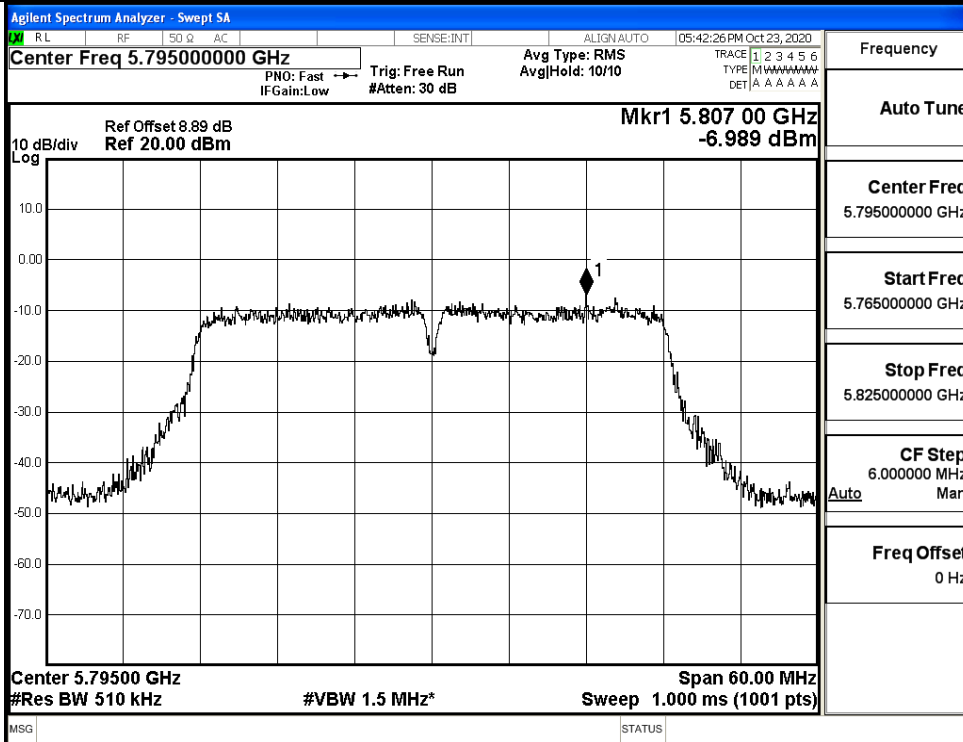


IEEE 802.11n20 / Channel 165 / 5825MHz

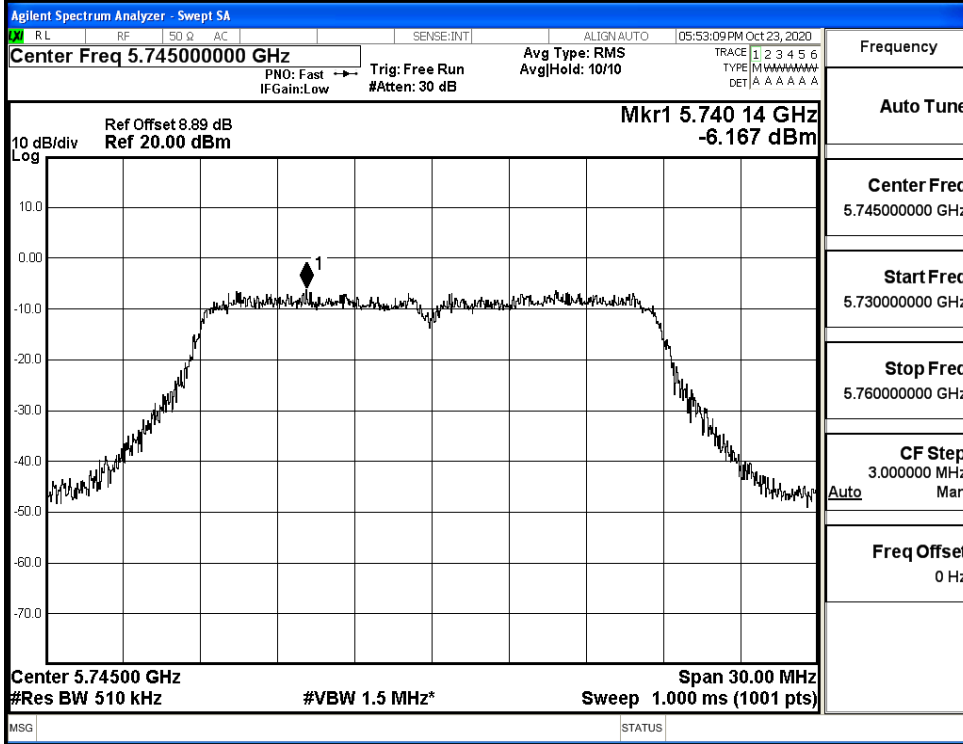
Power Spectral Density



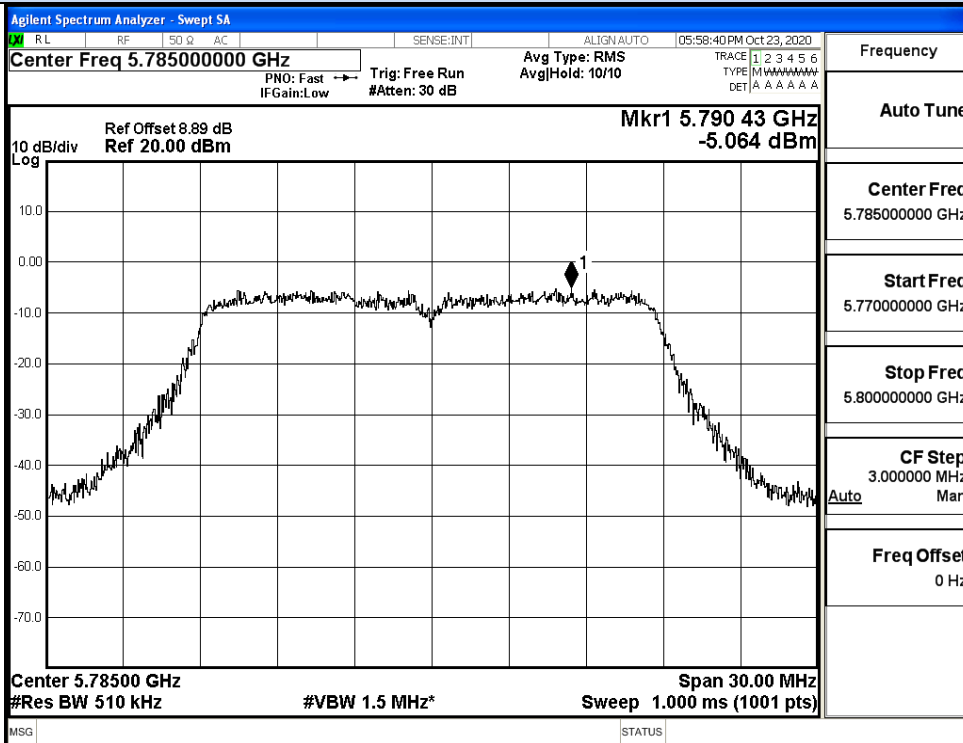
IEEE 802.11n40 / Channel 151 / 5755MHz



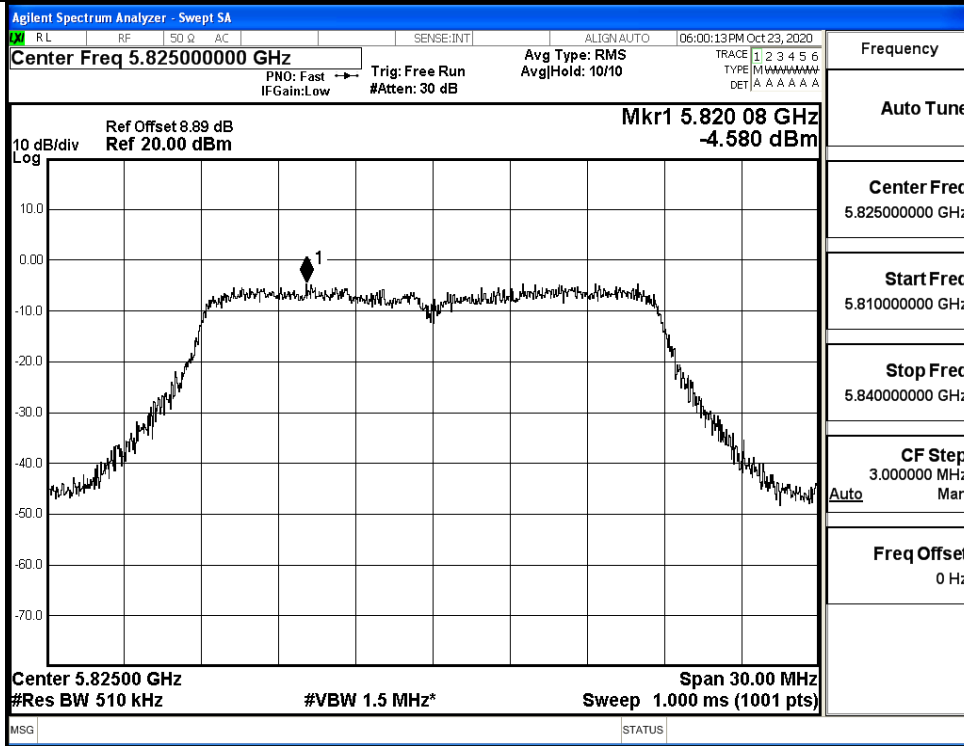
IEEE 802.11n40 / Channel 159 / 5795MHz



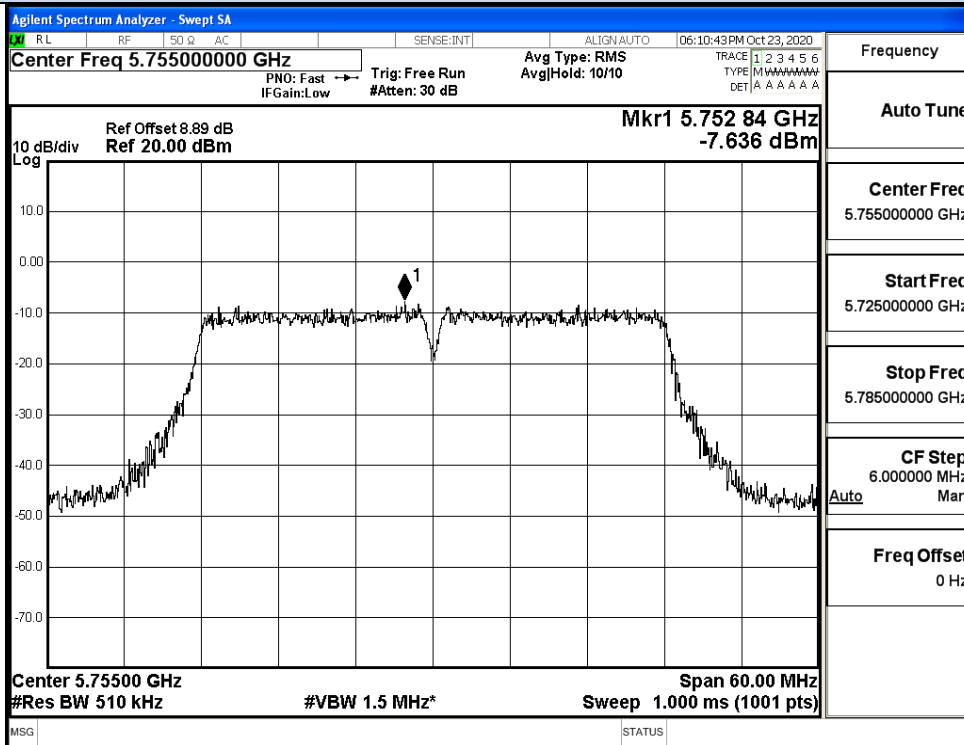
IEEE 802.11ac20 / Channel 149 / 5745MHz



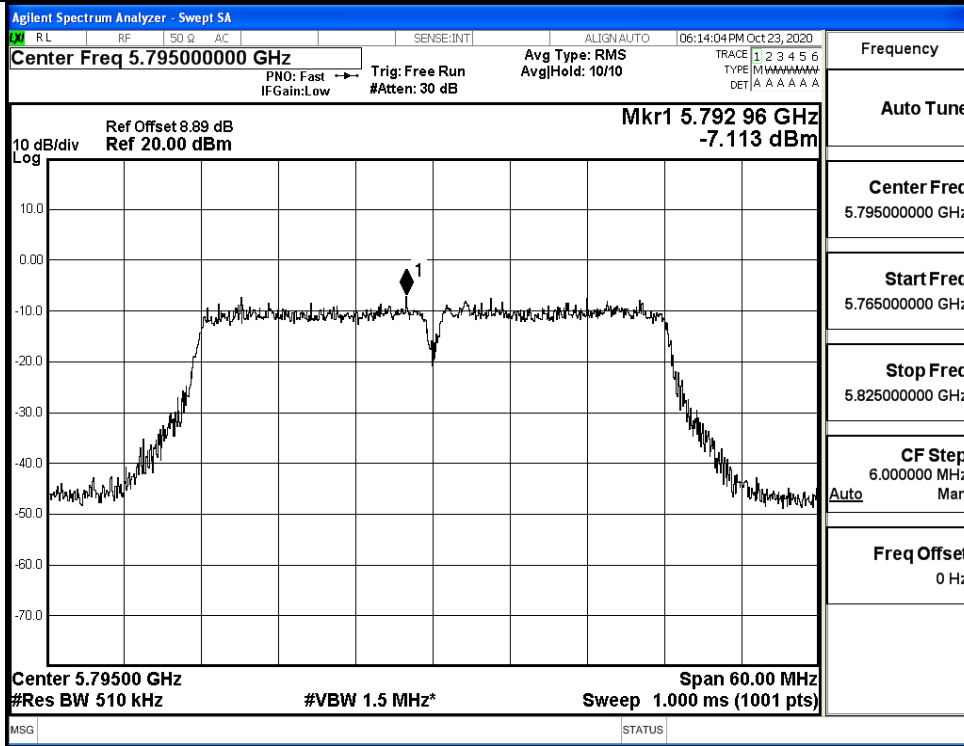
IEEE 802.11ac20 / Channel 157 / 5785MHz



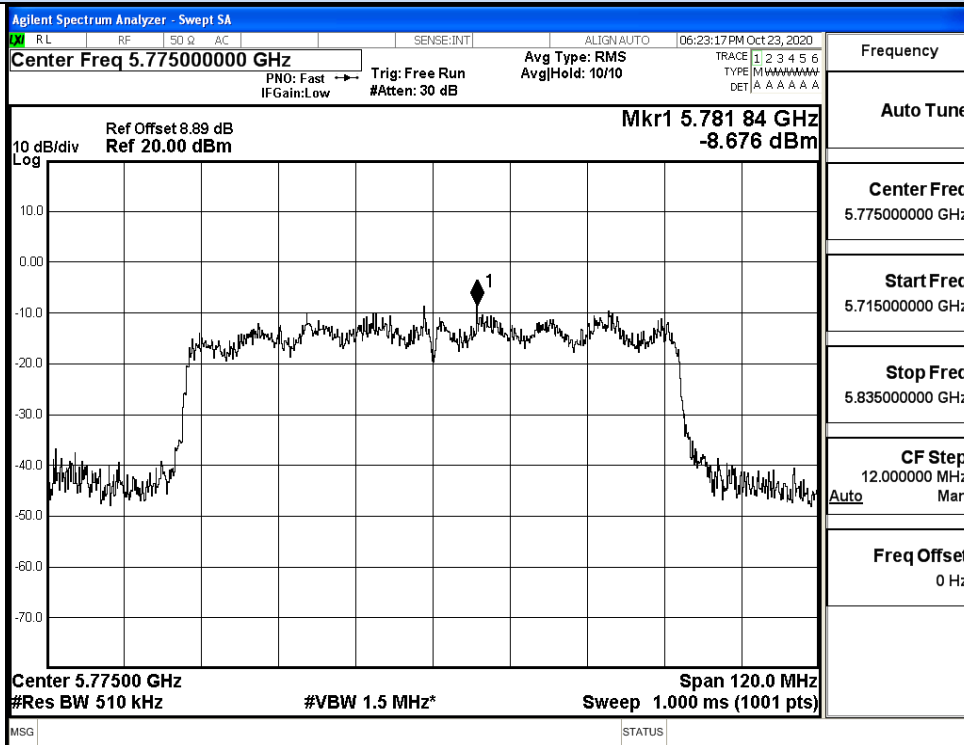
IEEE 802.11ac20 / Channel 165 / 5825MHz



IEEE 802.11ac40 / Channel 151 / 5755MHz

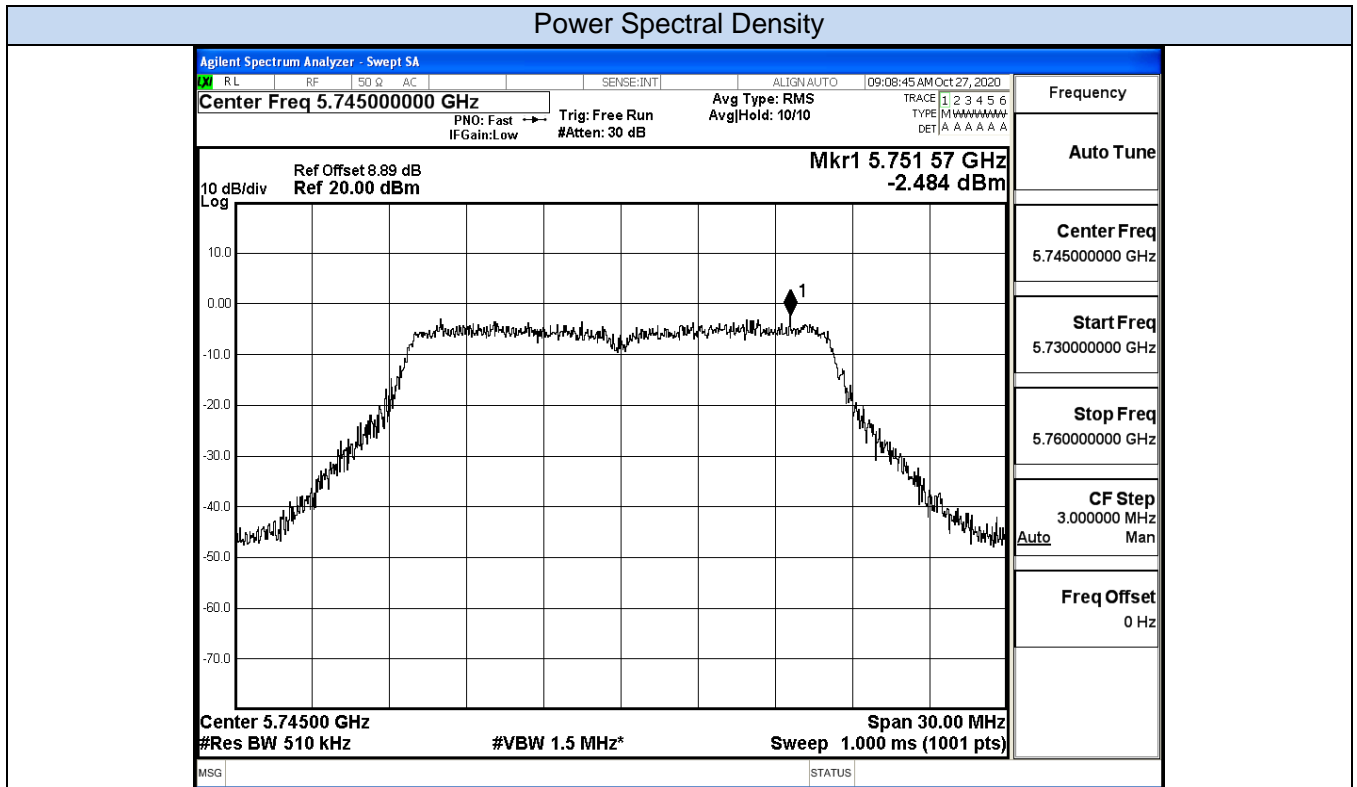


IEEE 802.11ac40 / Channel 159 / 5795MHz

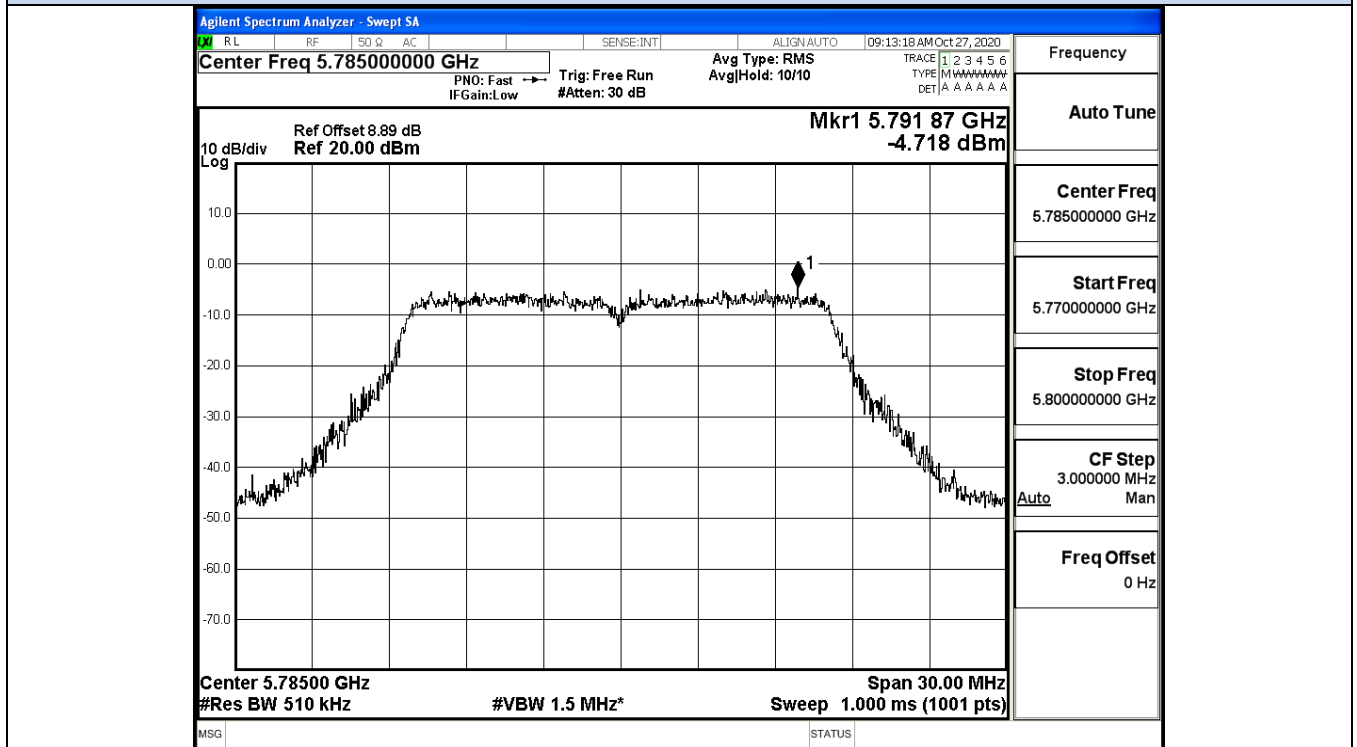


IEEE 802.11ac80 / Channel 155/ 5775MHz

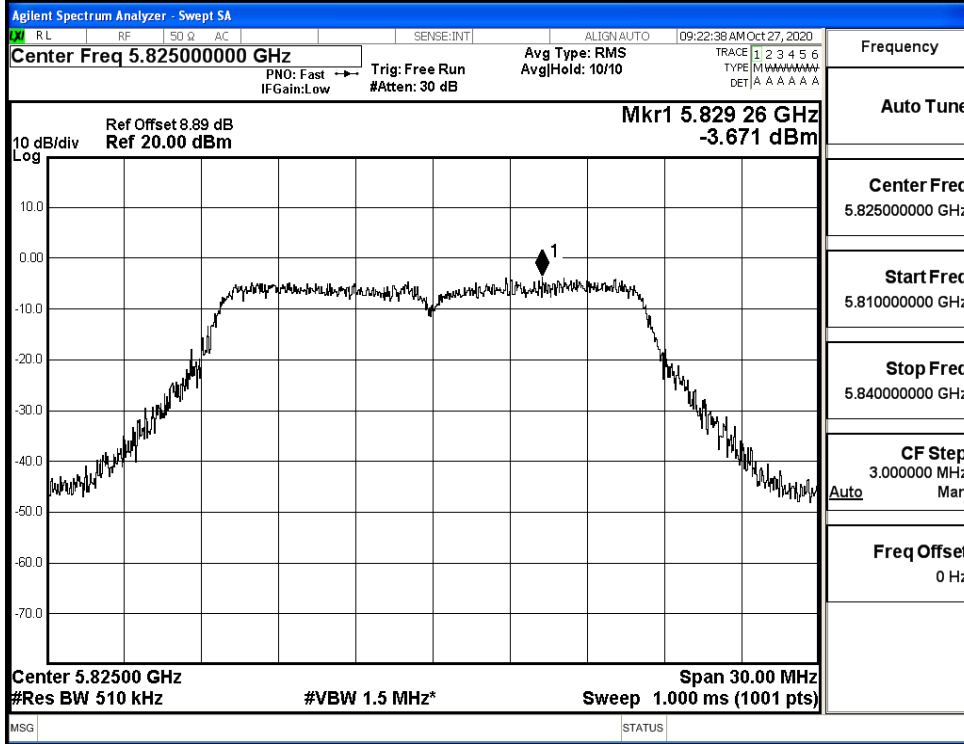
Ant1



IEEE 802.11a / Channel 149 / 5745MHz

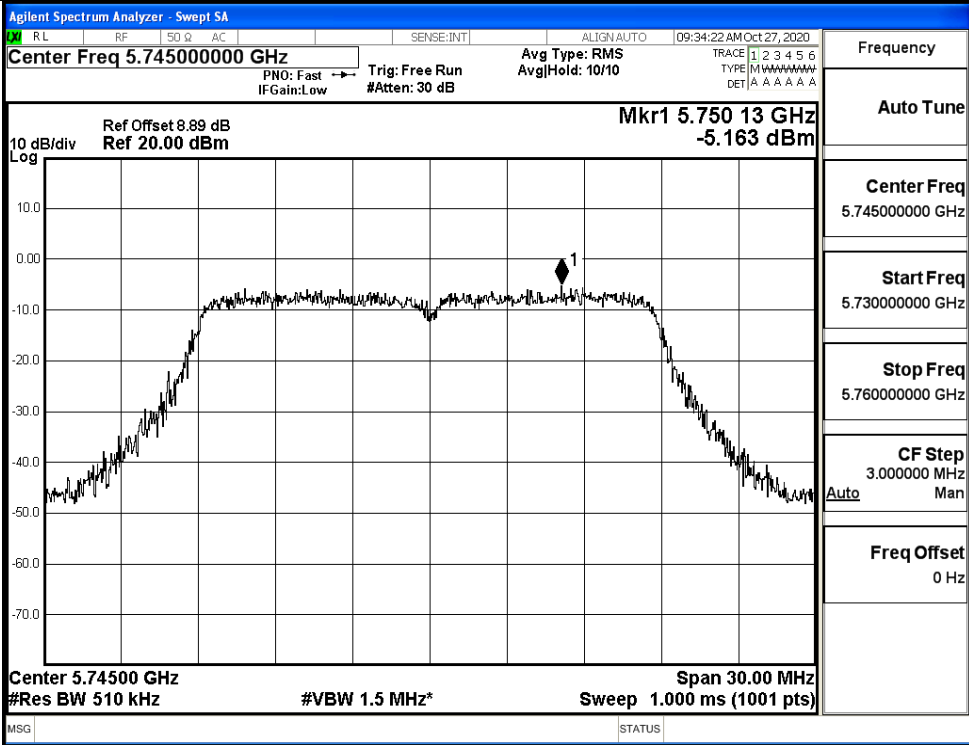


IEEE 802.11na / Channel 157 / 5785MHz

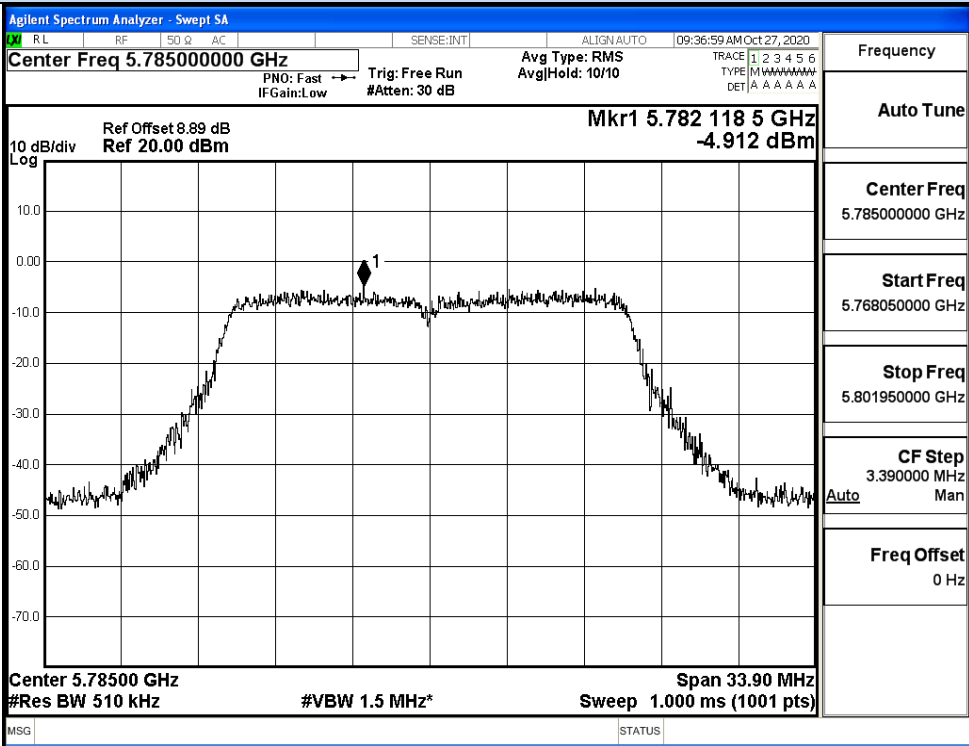


IEEE 802.11na / Channel 165 / 5825MHz

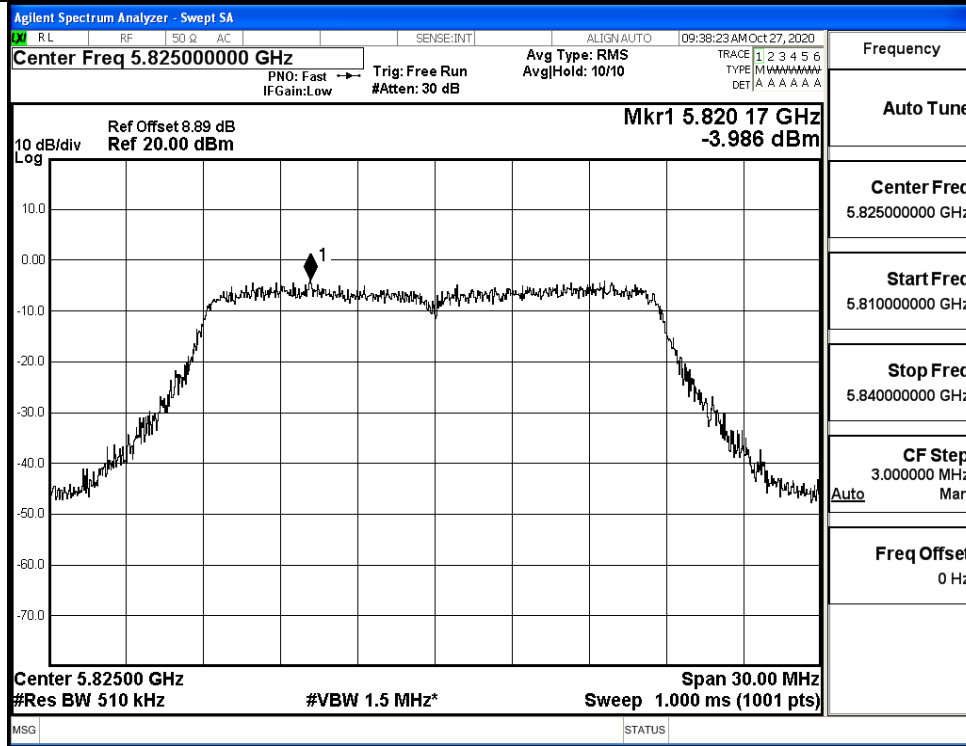
Power Spectral Density



IEEE 802.11n20 / Channel 149 / 5745MHz

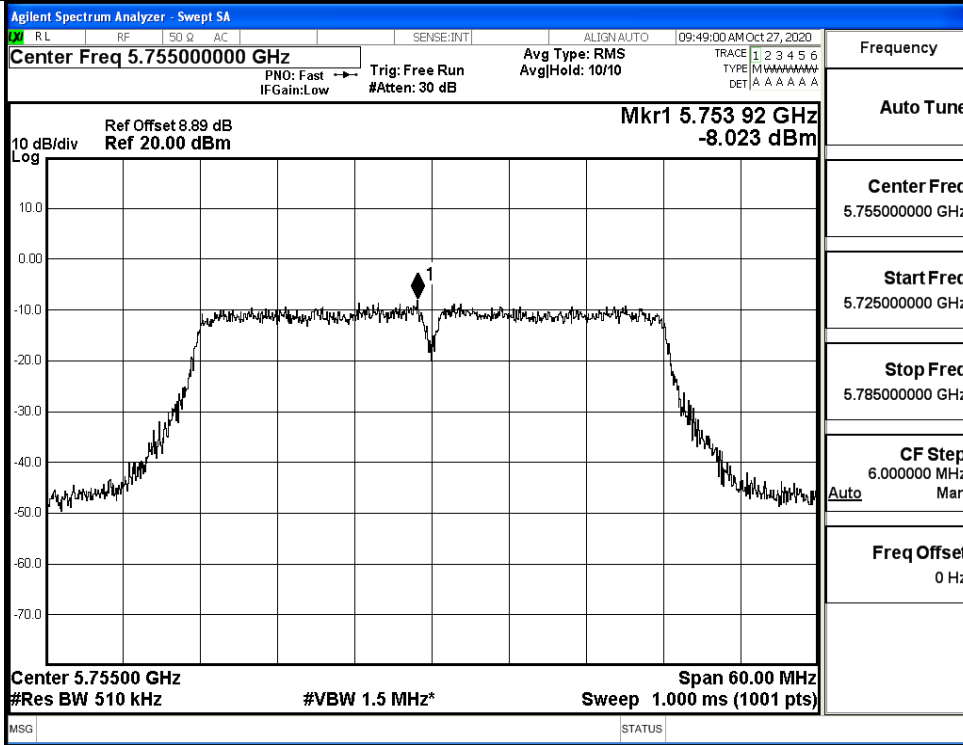


IEEE 802.11n20 / Channel 157 / 5785MHz

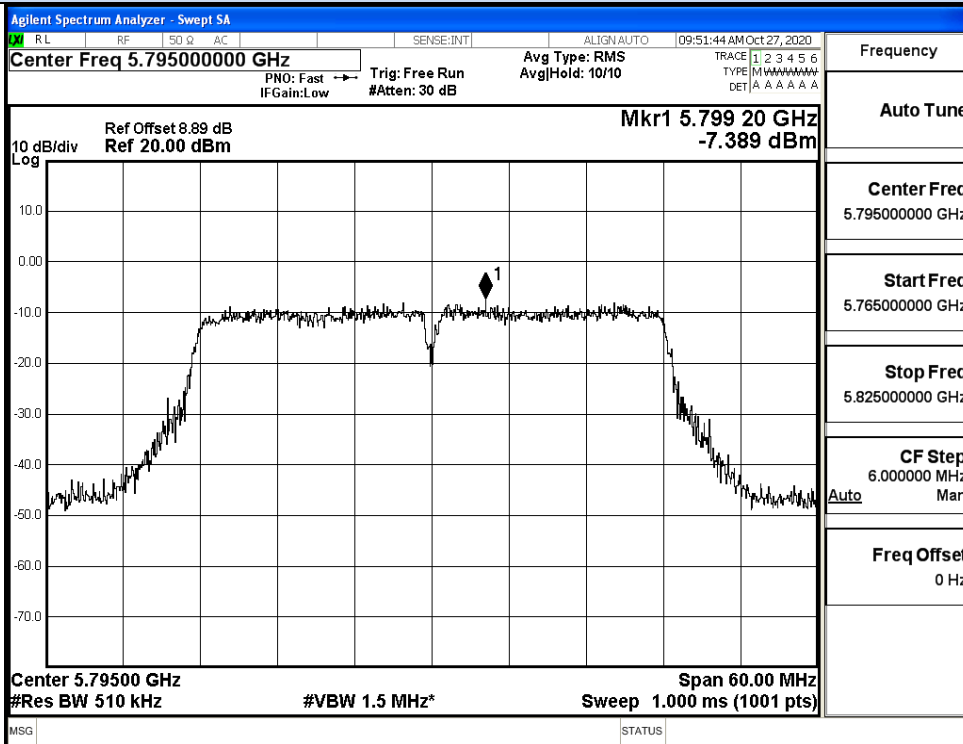


IEEE 802.11n20 / Channel 165 / 5825MHz

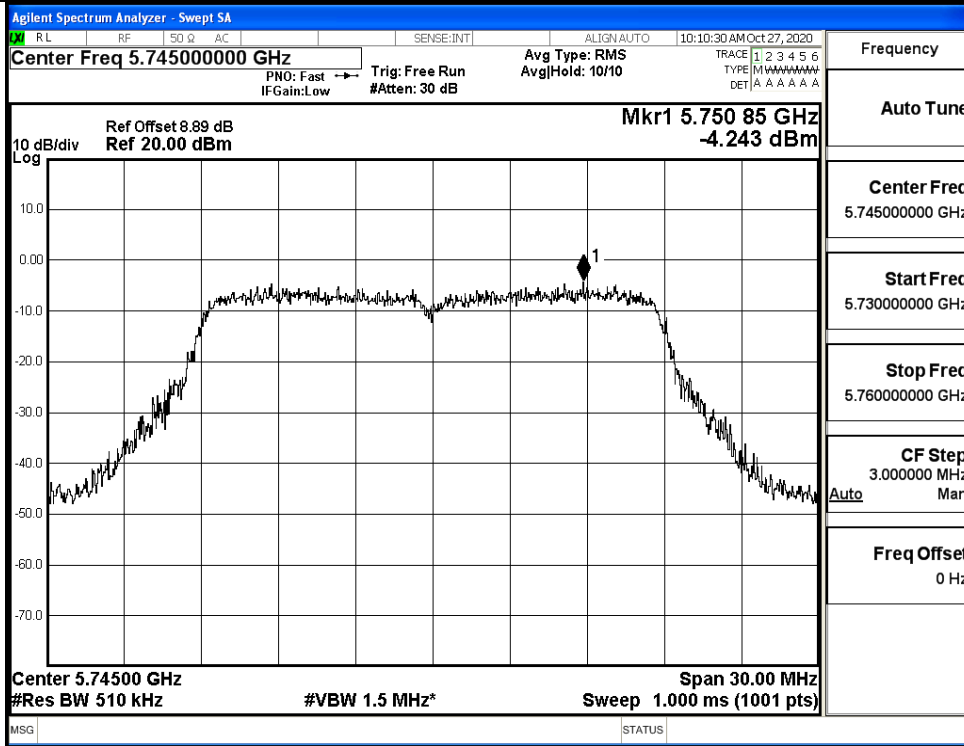
Power Spectral Density



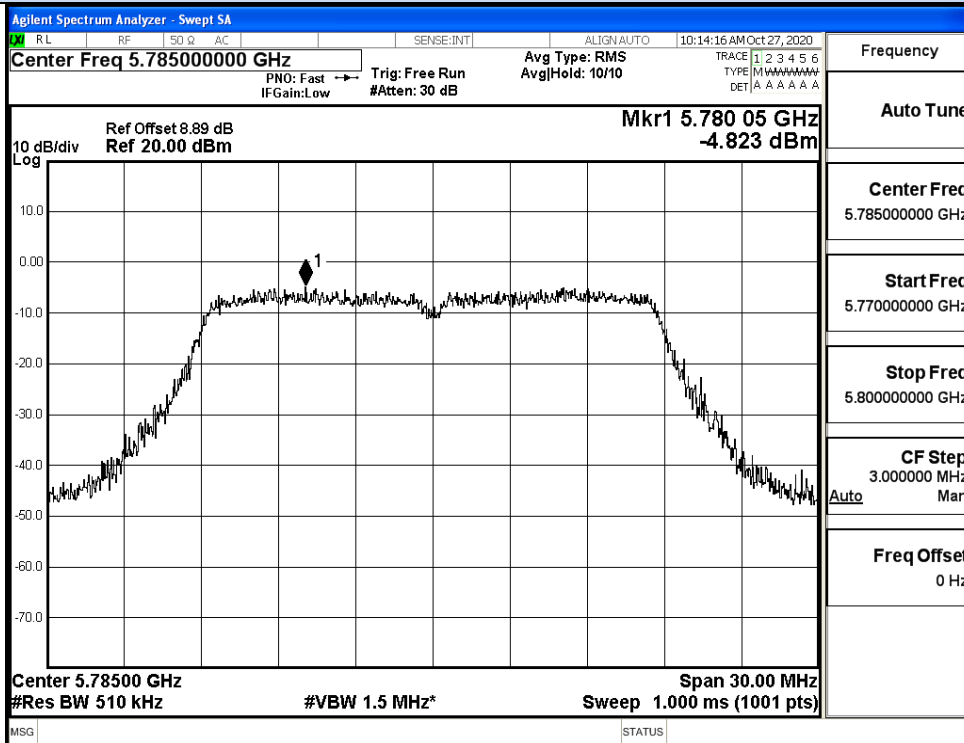
IEEE 802.11n40 / Channel 151 / 5755MHz



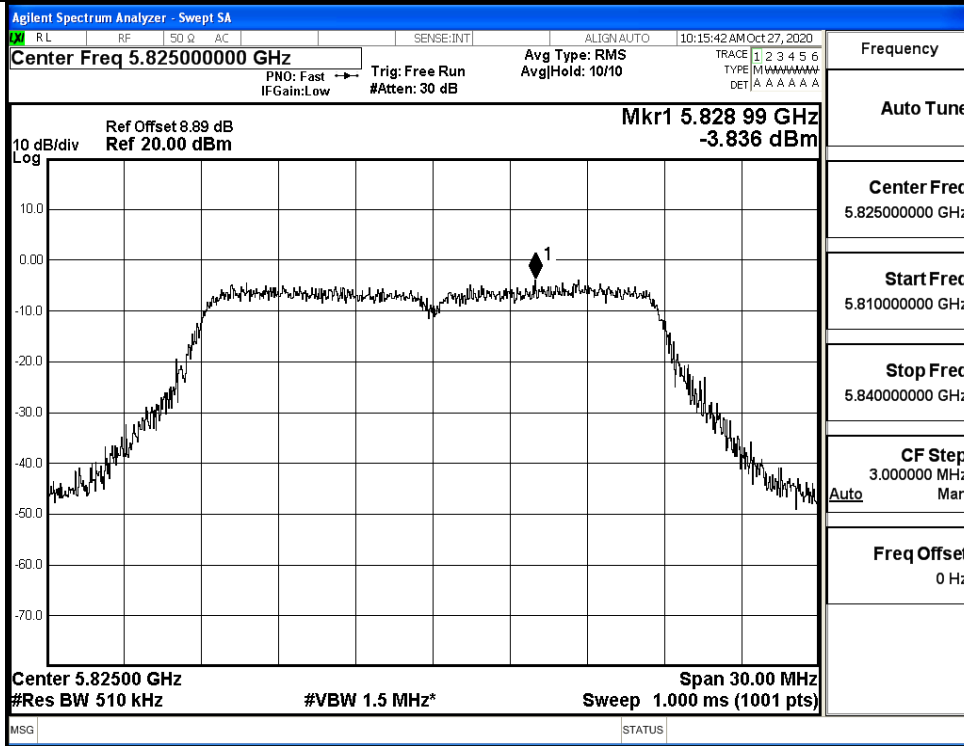
IEEE 802.11n40 / Channel 159 / 5795MHz



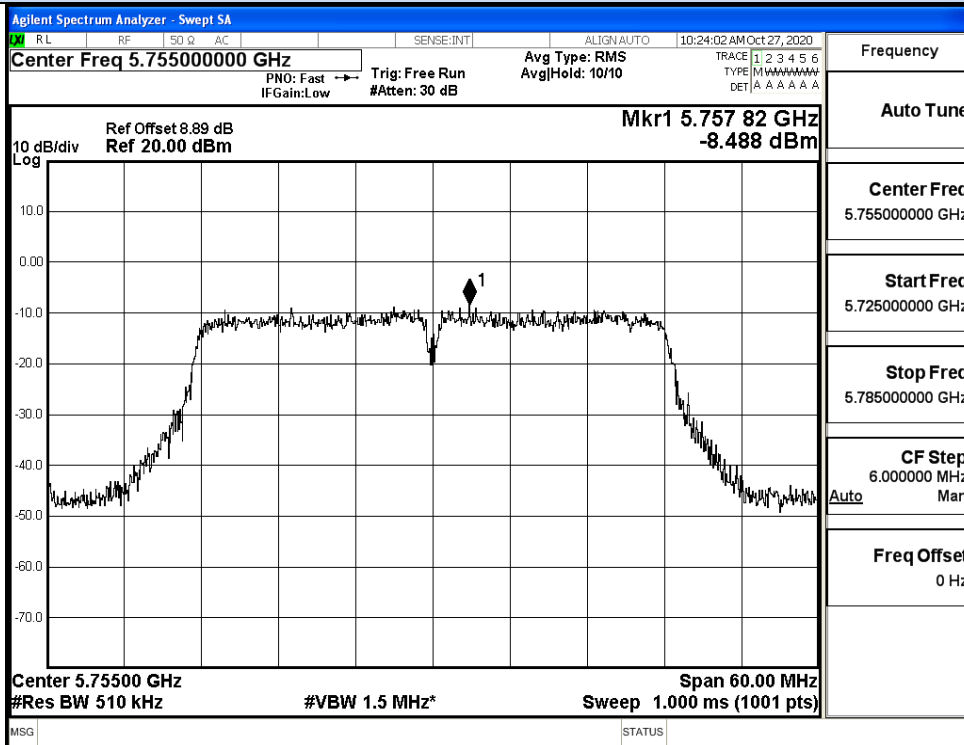
IEEE 802.11ac20 / Channel 149 / 5745MHz



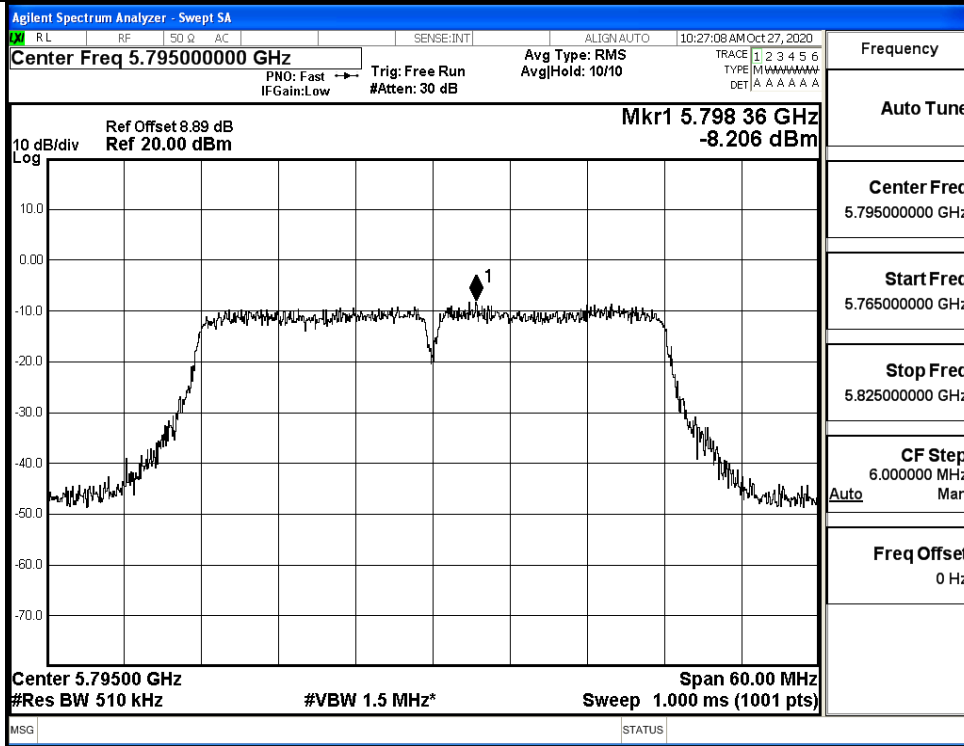
IEEE 802.11ac20 / Channel 157 / 5785MHz



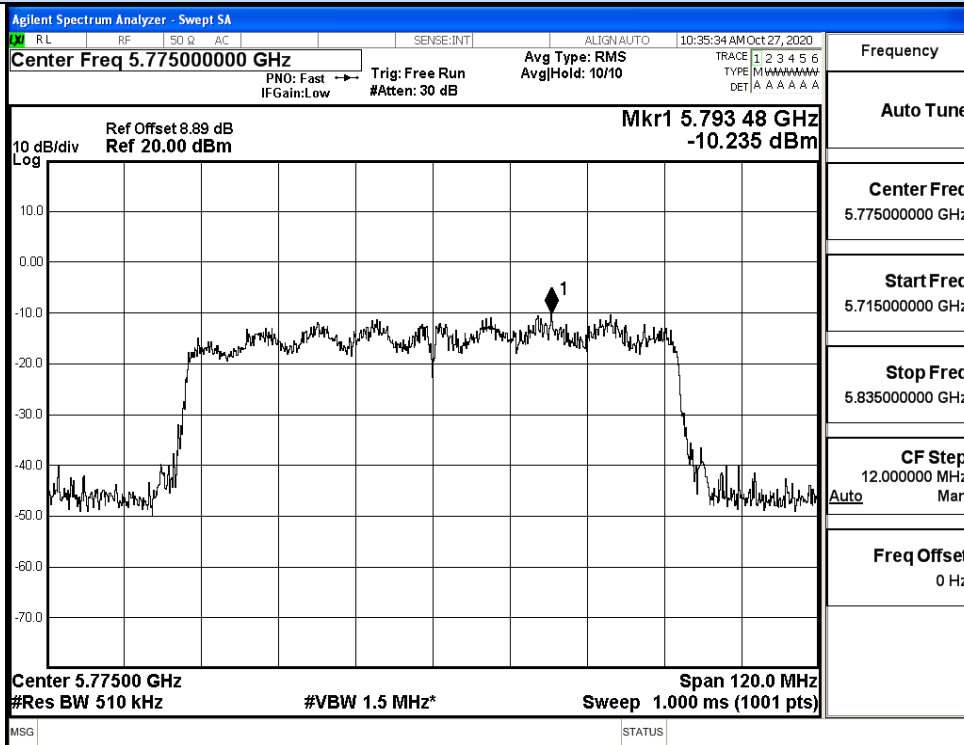
IEEE 802.11ac20 / Channel 165 / 5825MHz



IEEE 802.11ac40 / Channel 151 / 5755MHz



IEEE 802.11ac40 / Channel 159 / 5795MHz



IEEE 802.11ac80 / Channel 155/ 5775MHz

D.4 Emission Bandwidth

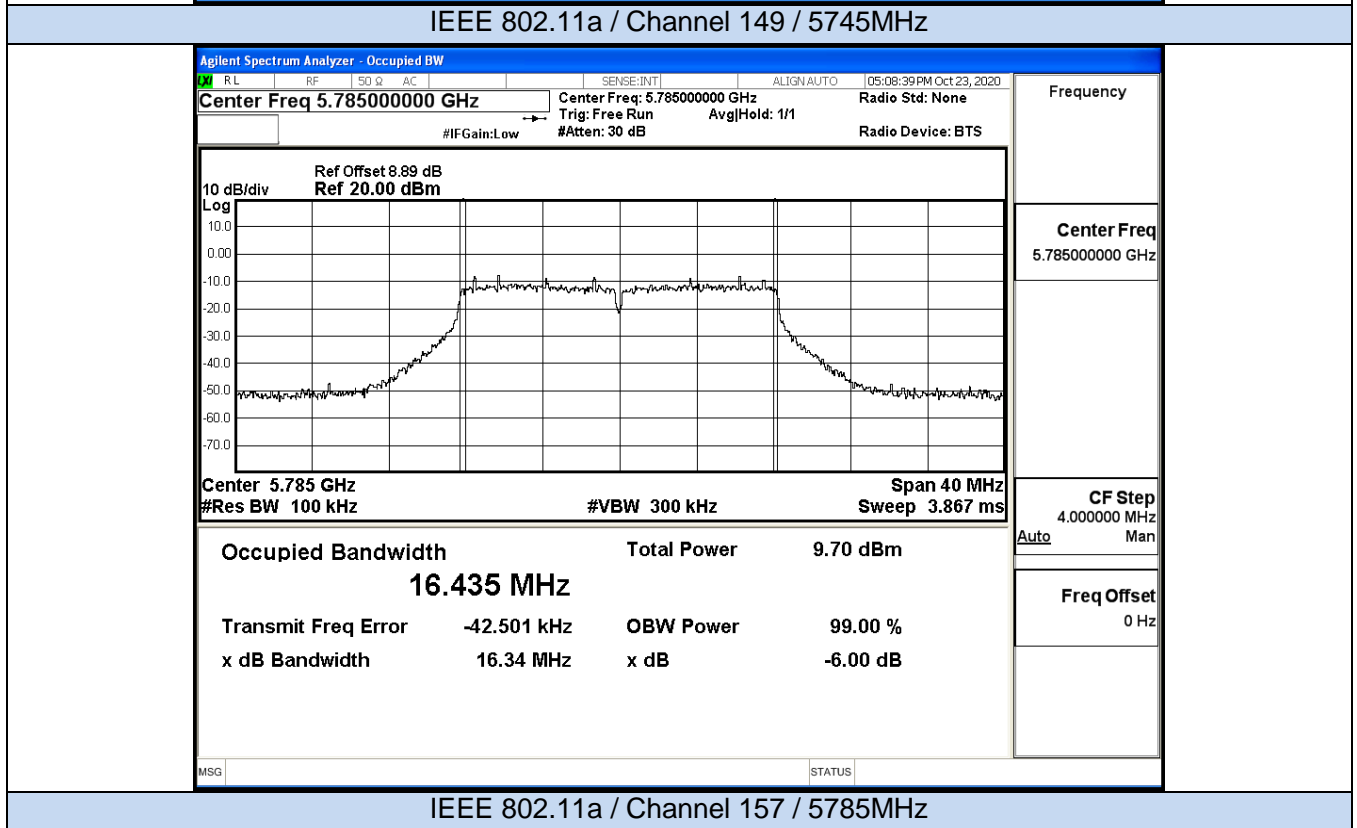
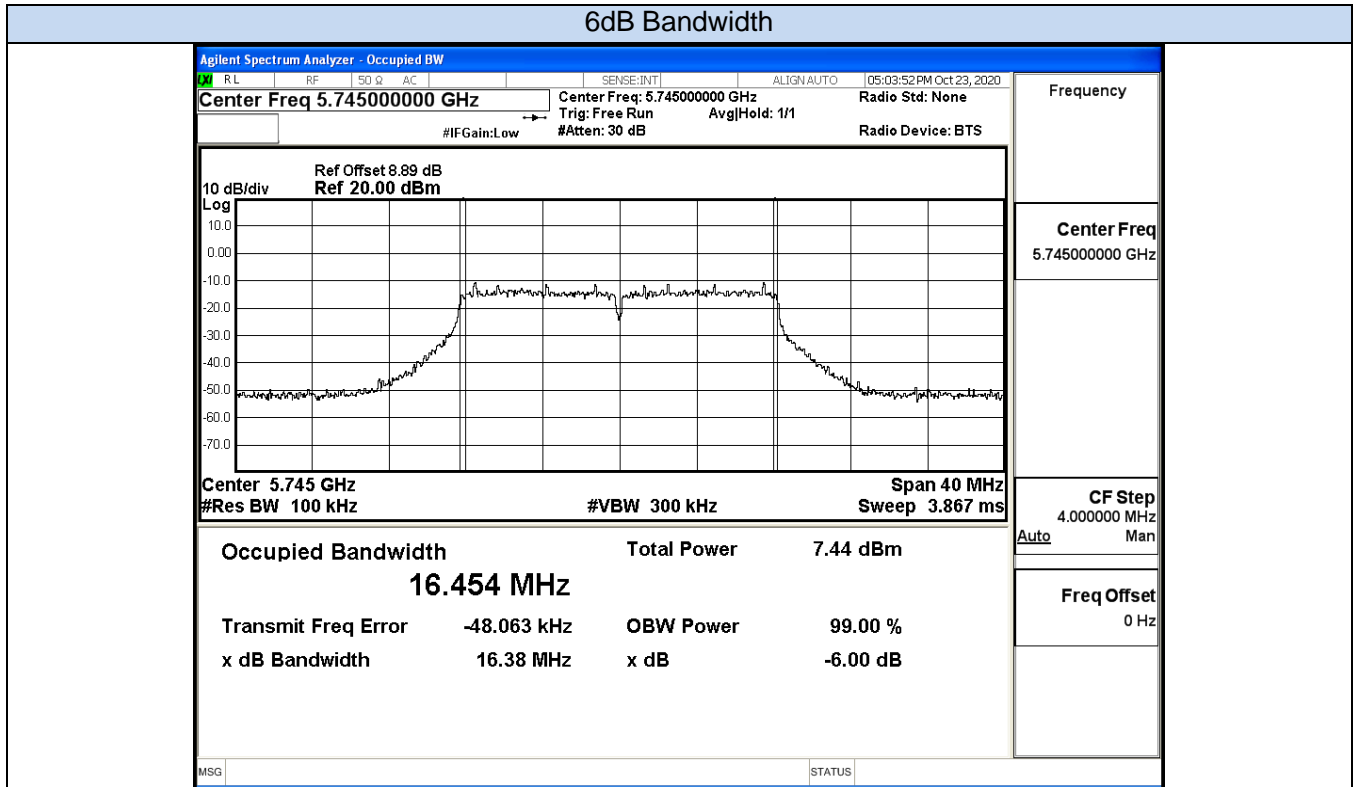
Ant0

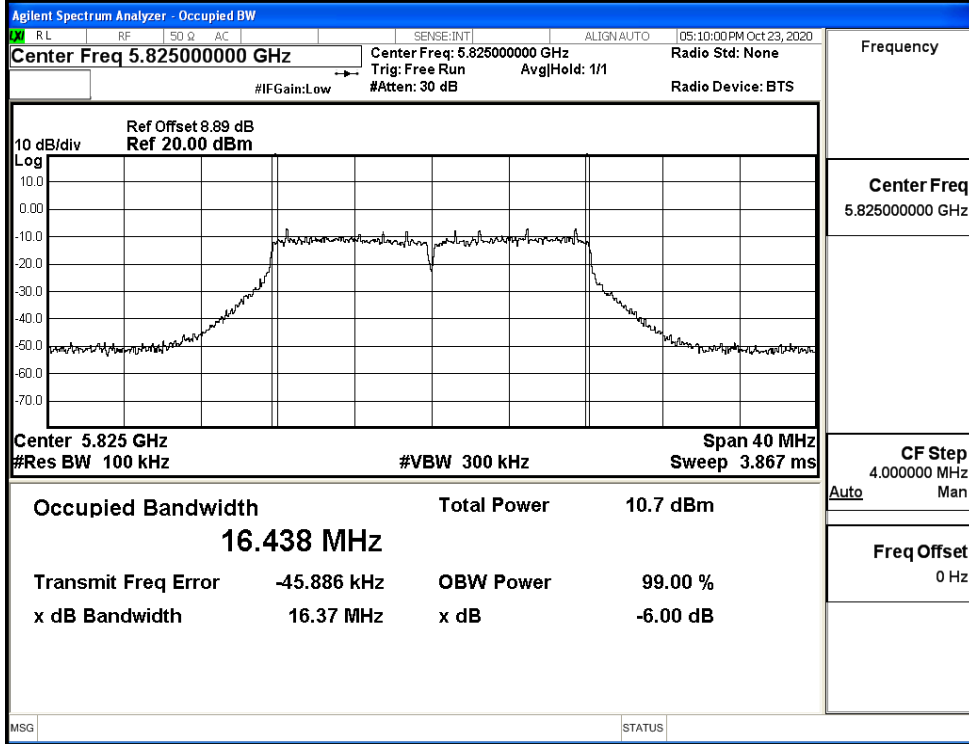
Test Mode	Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	Verdict
11A	149	5745	16.38	>=0.5	Pass
	157	5785	16.34		Pass
	165	5825	16.37		Pass
11N20 SISO	149	5745	16.97	>=0.5	Pass
	157	5785	16.85		Pass
	165	5825	17.29		Pass
11N40 SISO	151	5755	35.21	>=0.5	Pass
	159	5795	35.25		Pass
11AC20SISO	149	5745	17.34	>=0.5	Pass
	157	5785	17.07		Pass
	165	5825	17.03		Pass
11AC40SISO	151	5755	35.19	>=0.5	Pass
	159	5795	35.51		Pass
11AC80SISO	155	5775	74.00	>=0.5	Pass

Ant1

Test Mode	Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	Verdict
11A	149	5745	16.39	>=0.5	Pass
	157	5785	16.38		Pass
	165	5825	16.35		Pass
11N20 SISO	149	5745	17.55	>=0.5	Pass
	157	5785	16.95		Pass
	165	5825	17.01		Pass
11N40 SISO	151	5755	35.47	>=0.5	Pass
	159	5795	35.55		Pass
11AC20SISO	149	5745	17.09	>=0.5	Pass
	157	5785	17.31		Pass
	165	5825	17.33		Pass
11AC40SISO	151	5755	35.56	>=0.5	Pass
	159	5795	36.07		Pass
11AC80SISO	155	5775	75.25	>=0.5	Pass

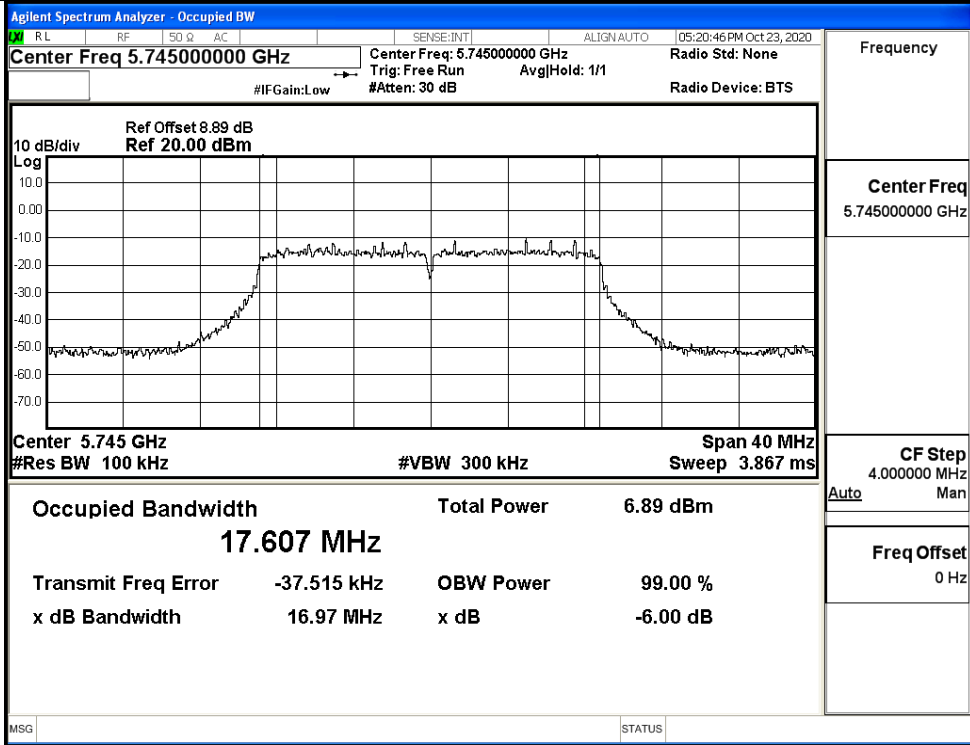
Ant0



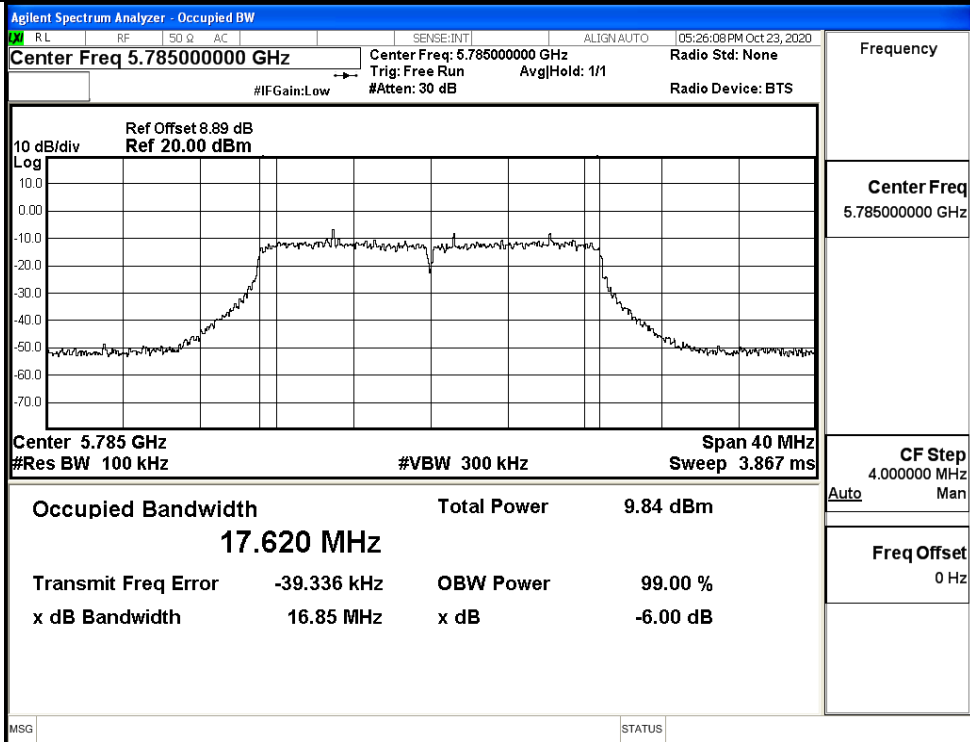


IEEE 802.11a / Channel 165 / 5825MHz

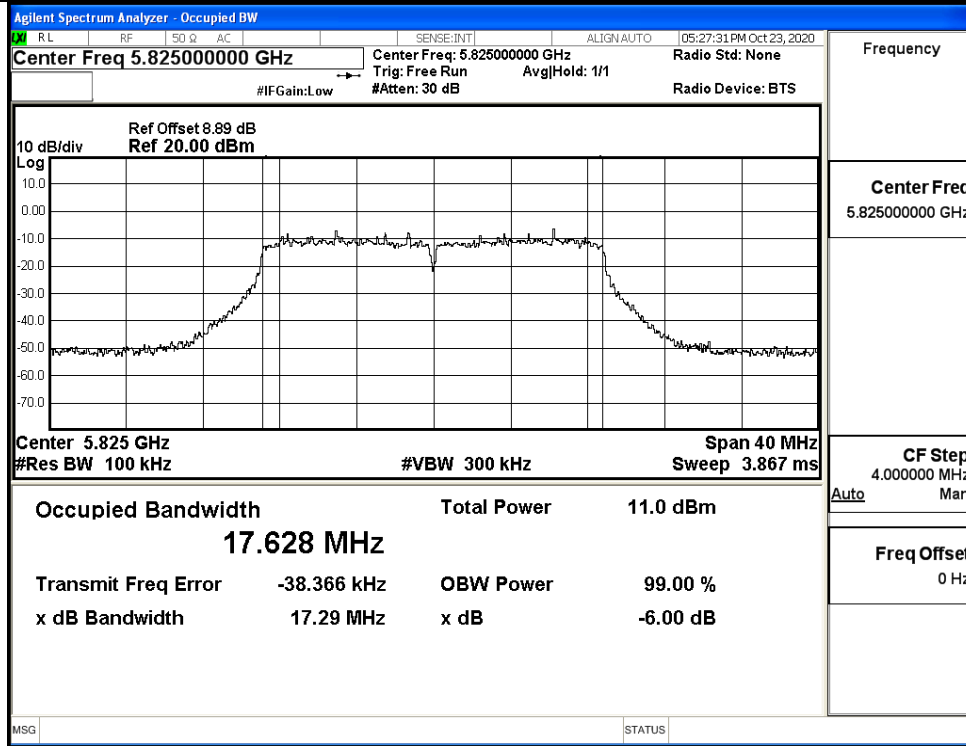
6dB Bandwidth



IEEE 802.11n20 / Channel 149 / 5745MHz

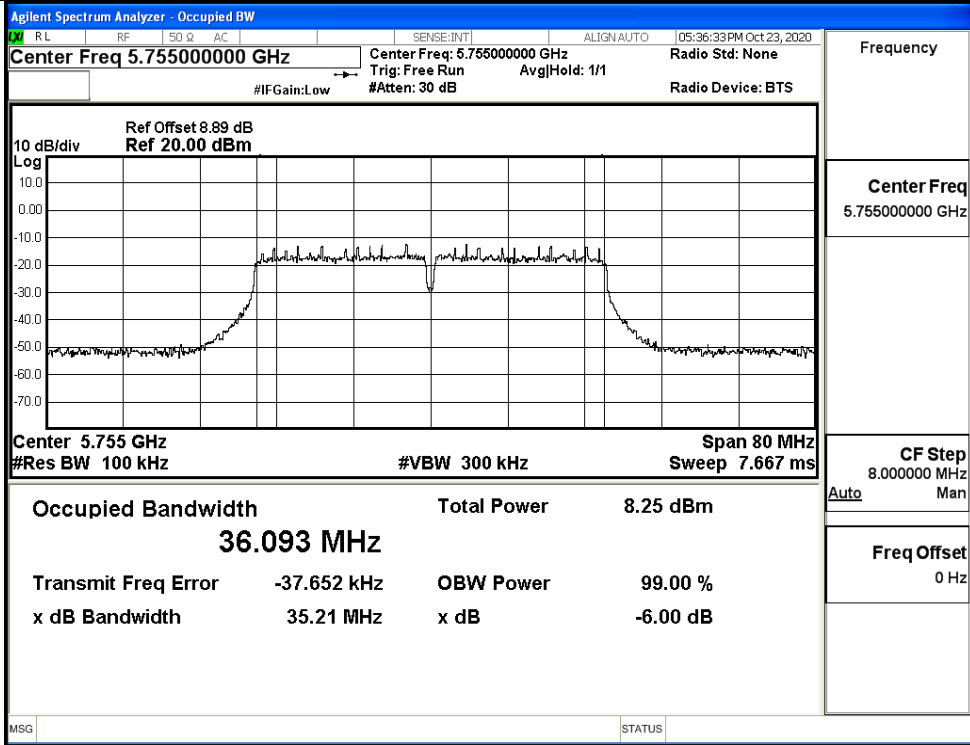


IEEE 802.11n20 / Channel 157 / 5785MHz

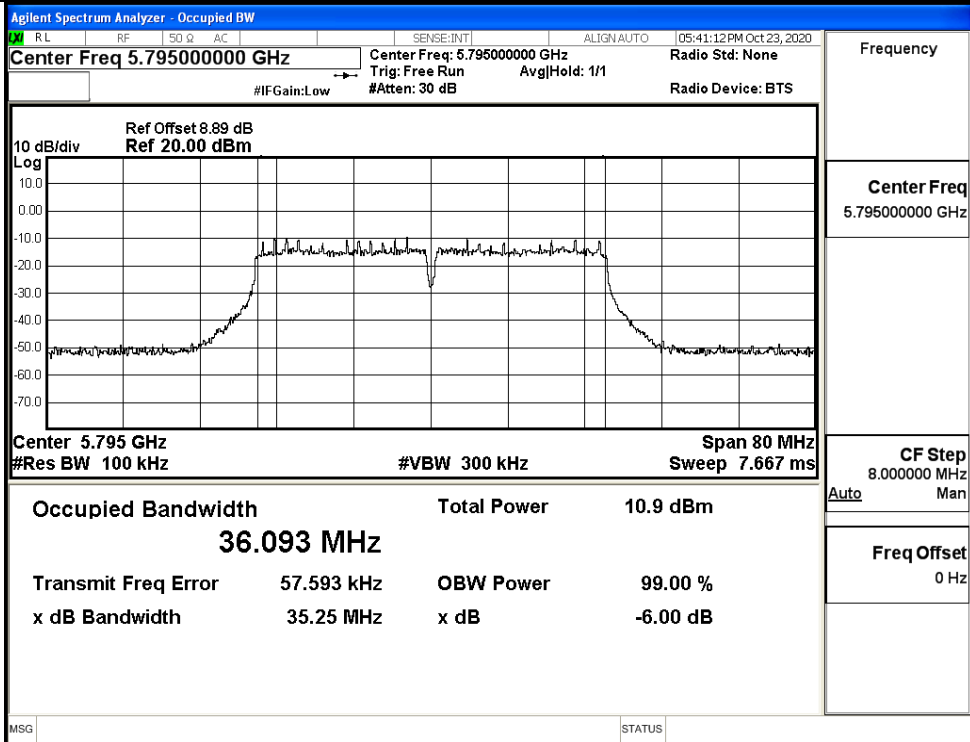


IEEE 802.11n20 / Channel 165 / 5825MHz

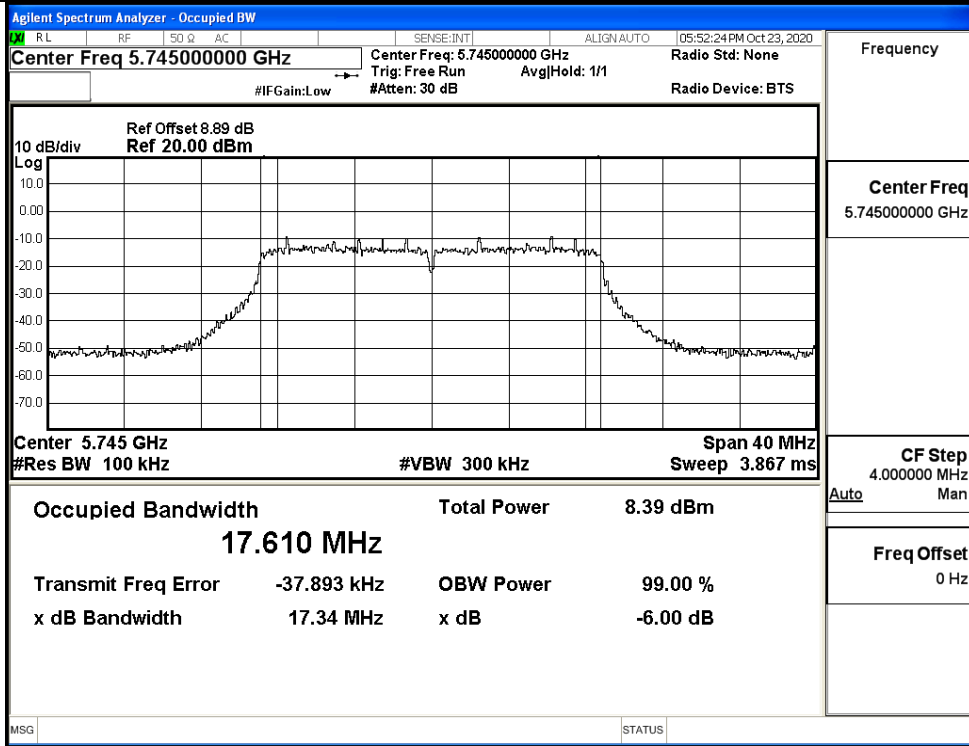
26dB Bandwidth



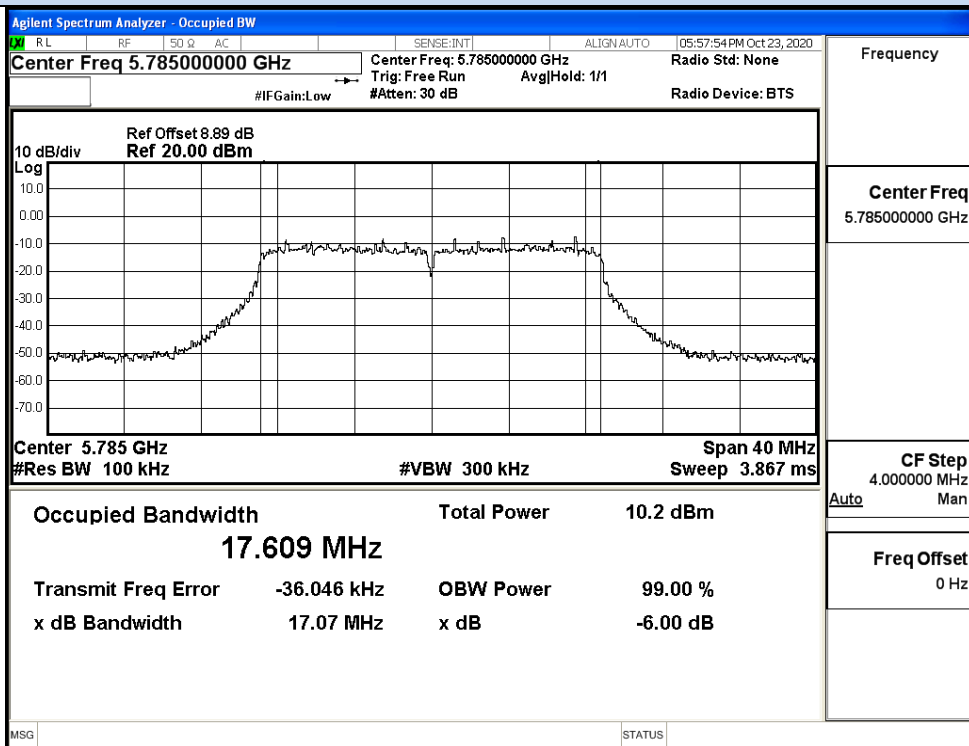
IEEE 802.11n40 / Channel 151 / 5755MHz



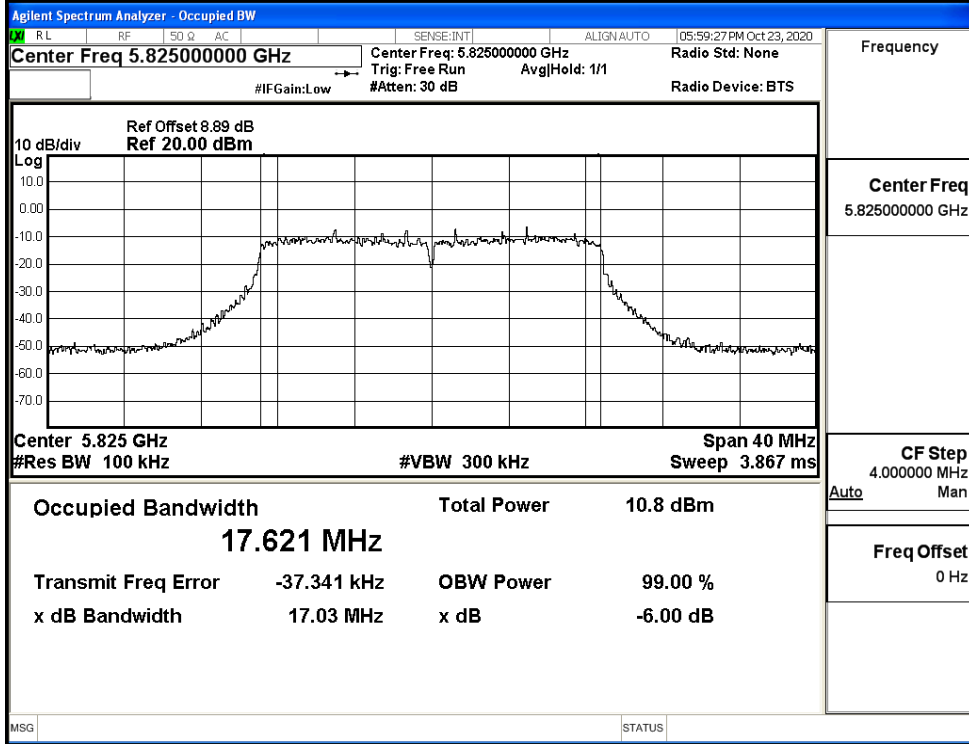
IEEE 802.11n40 / Channel 159 / 5795MHz



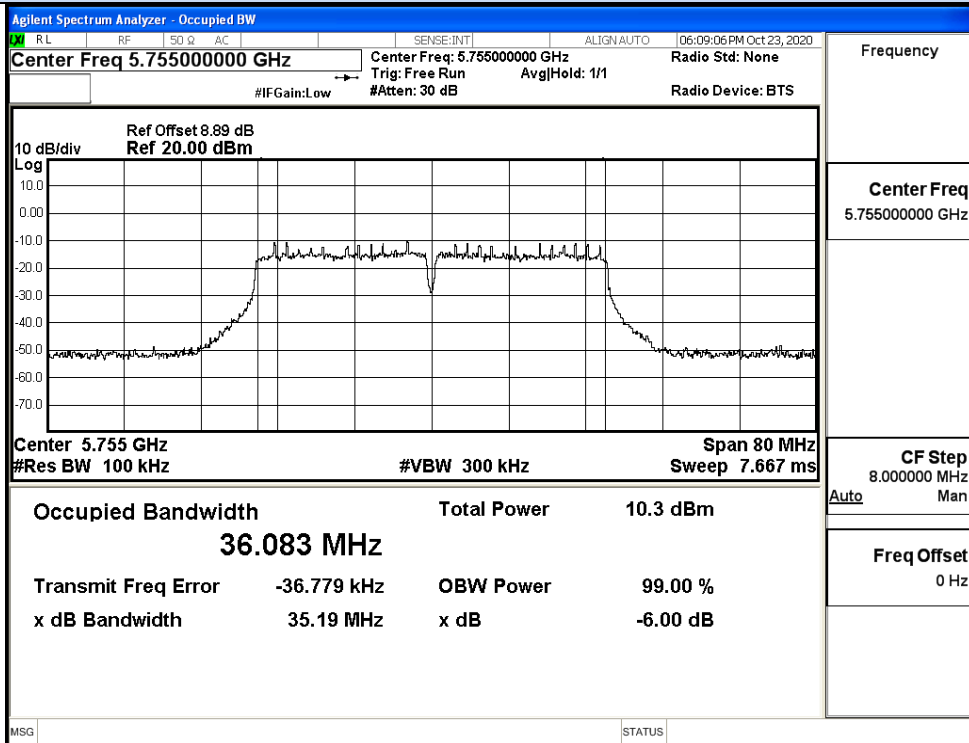
IEEE 802.11ac20 / Channel 149 / 5745MHz



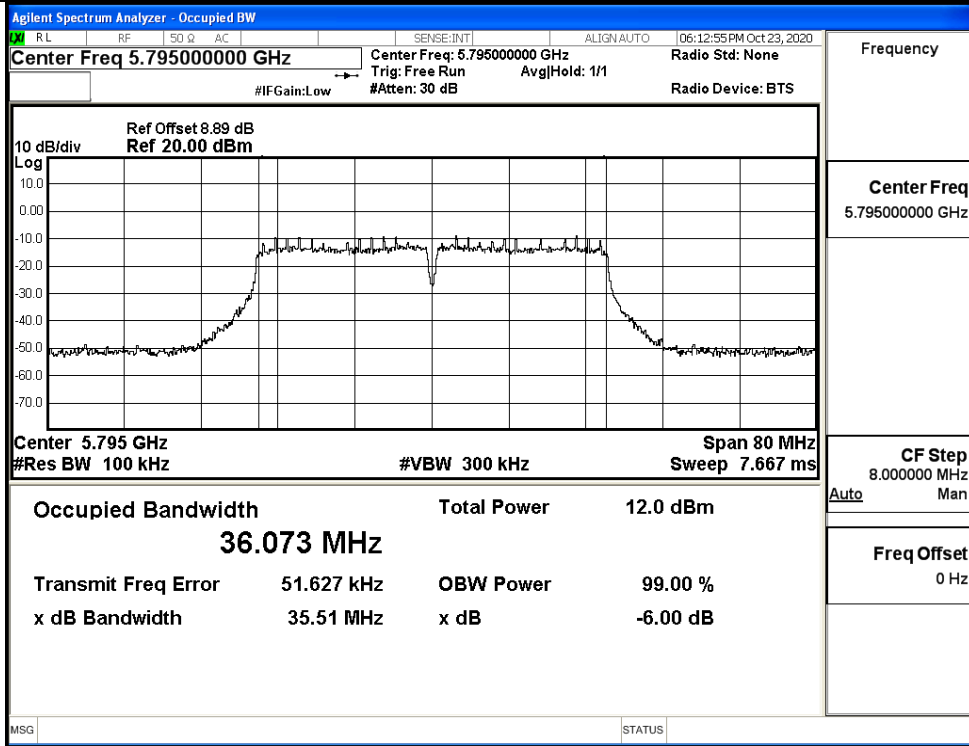
IEEE 802.11ac20 / Channel 157 / 5785MHz



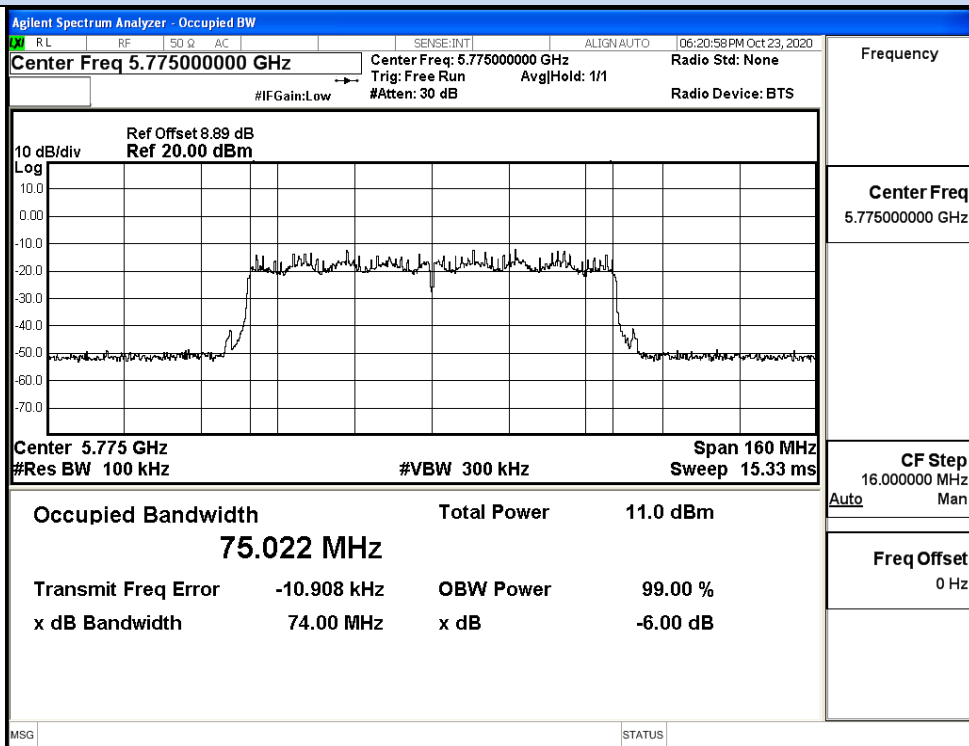
IEEE 802.11ac20 / Channel 165 / 5825MHz



IEEE 802.11ac40 / Channel 151 / 5755MHz

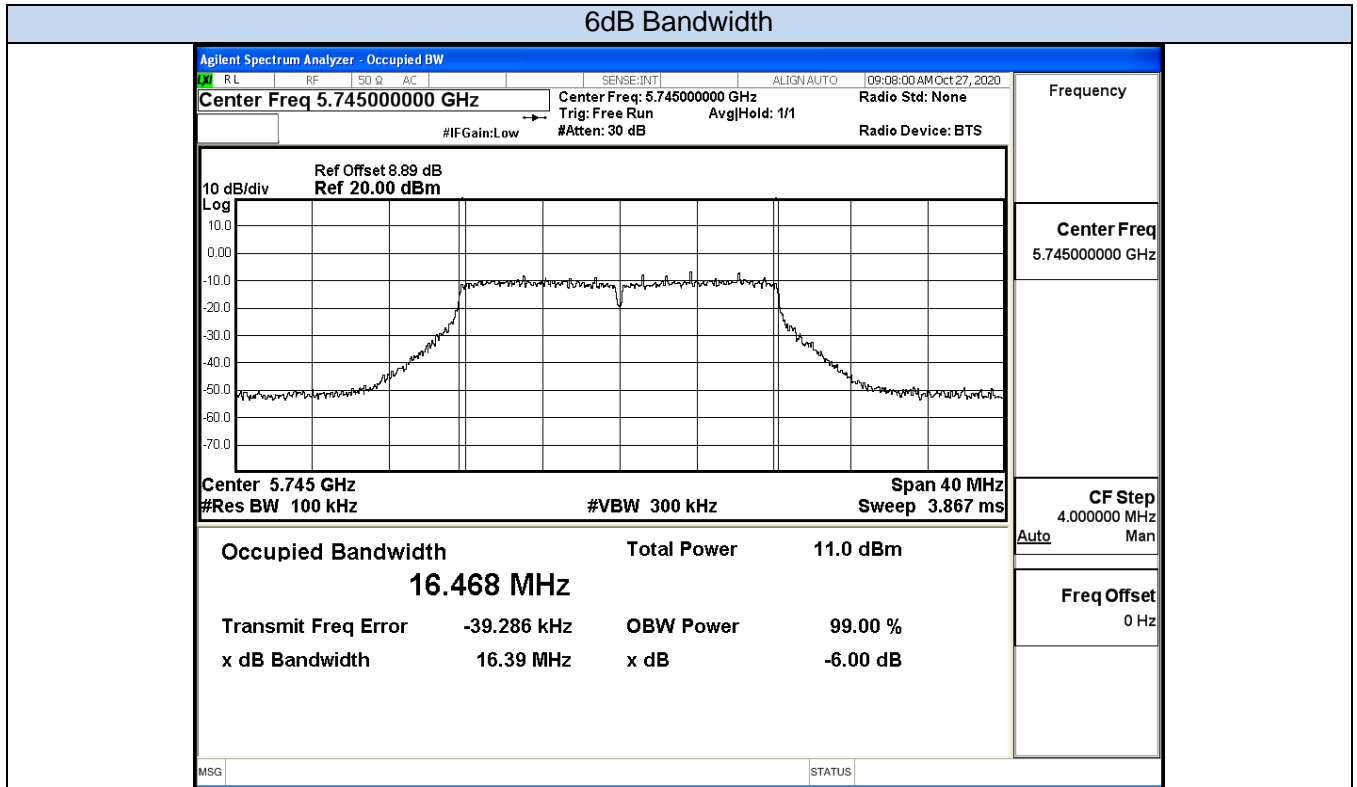


IEEE 802.11ac40 / Channel 159 / 5795MHz

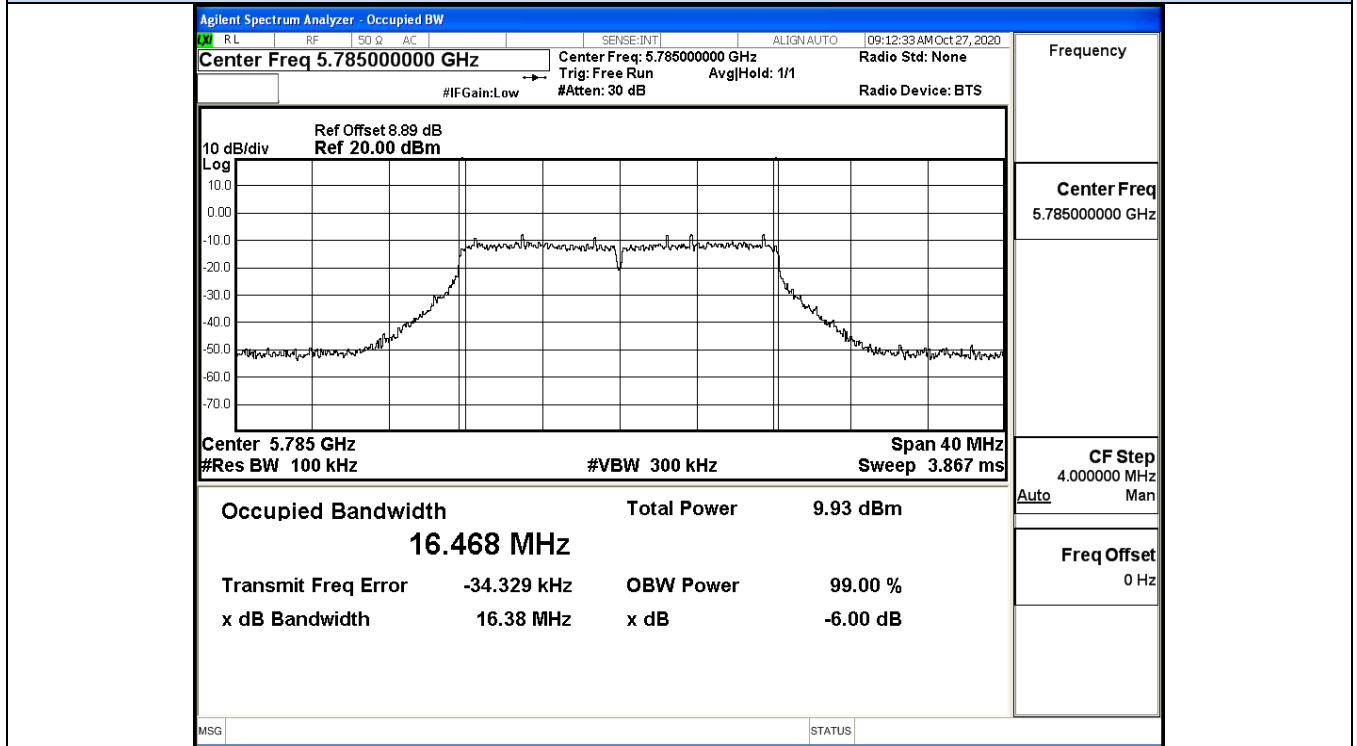


IEEE 802.11ac80 / Channel 155 / 5775MHz

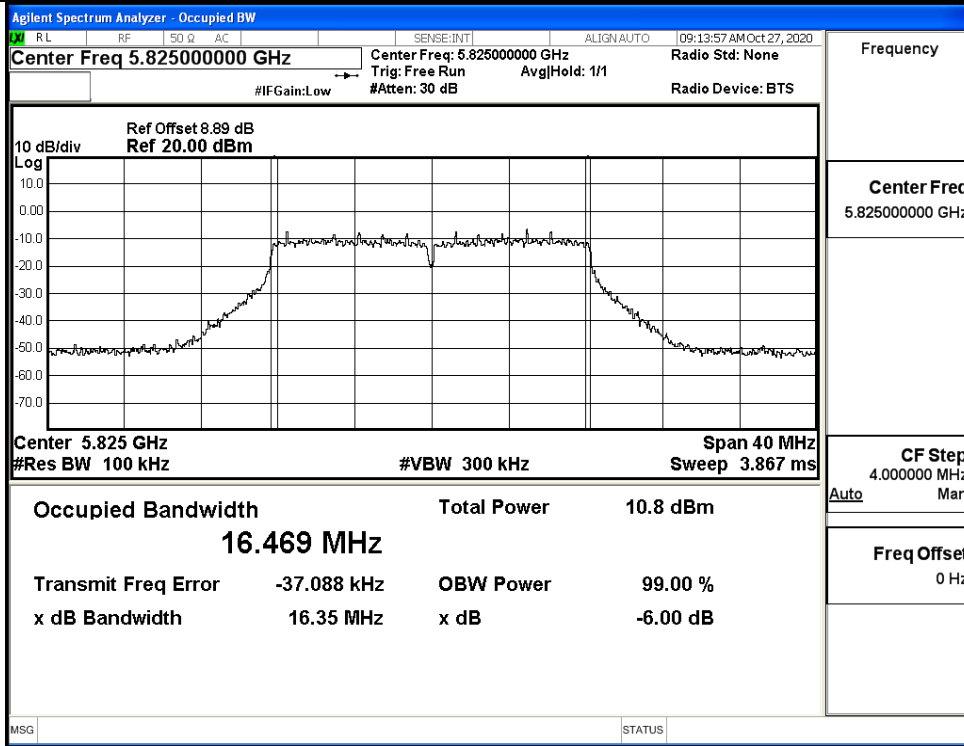
Ant1



IEEE 802.11a / Channel 149 / 5745MHz

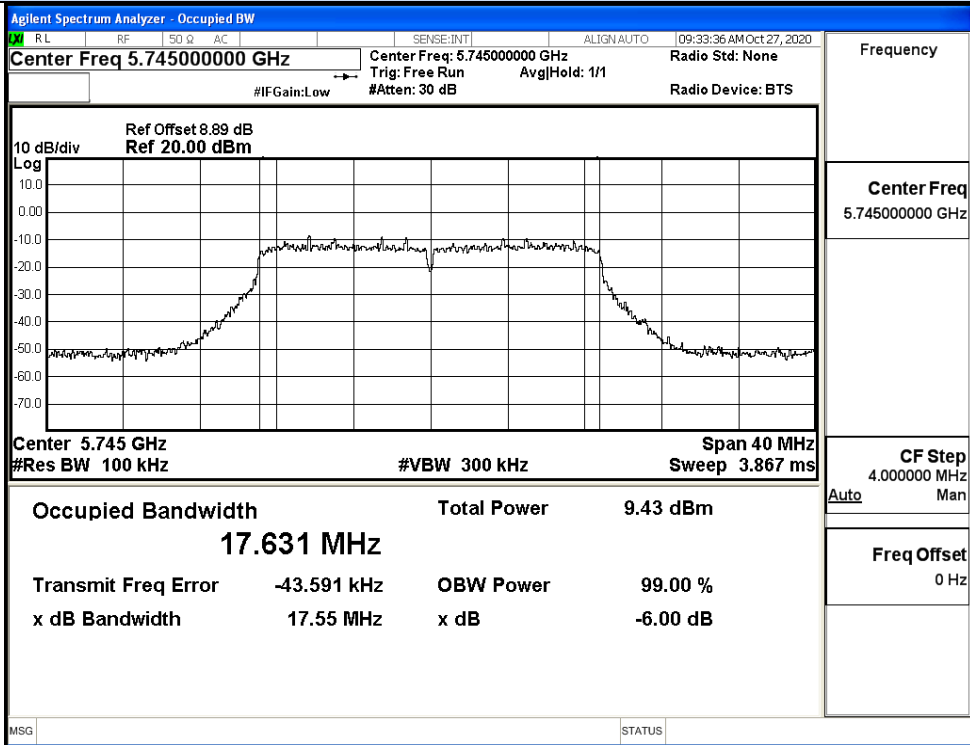


IEEE 802.11a / Channel 157 / 5785MHz

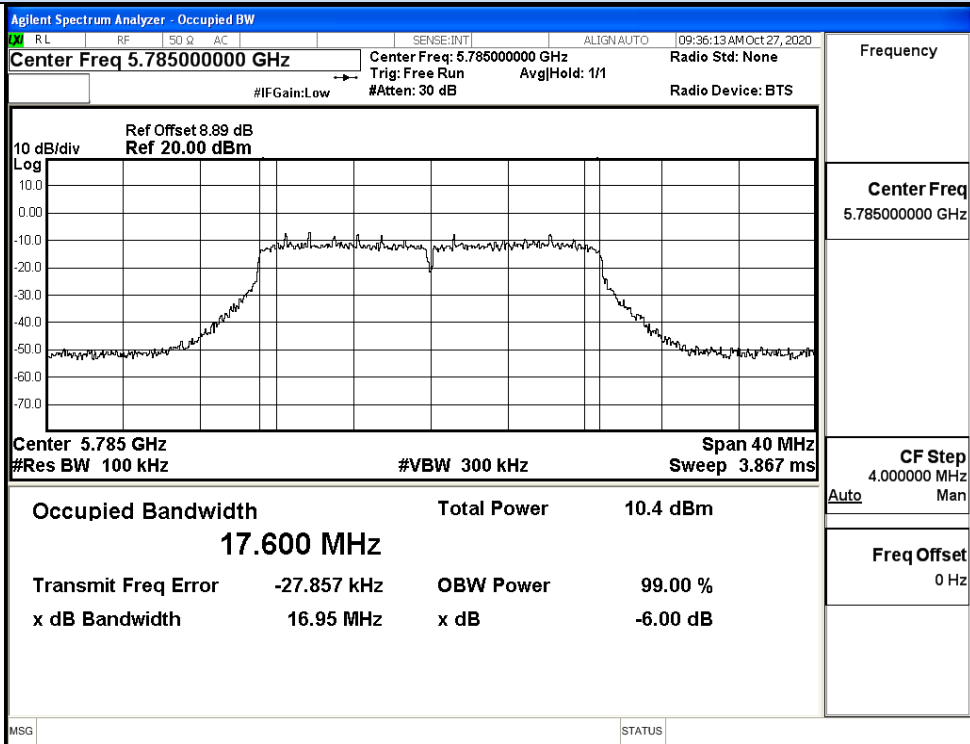


IEEE 802.11a / Channel 165 / 5825MHz

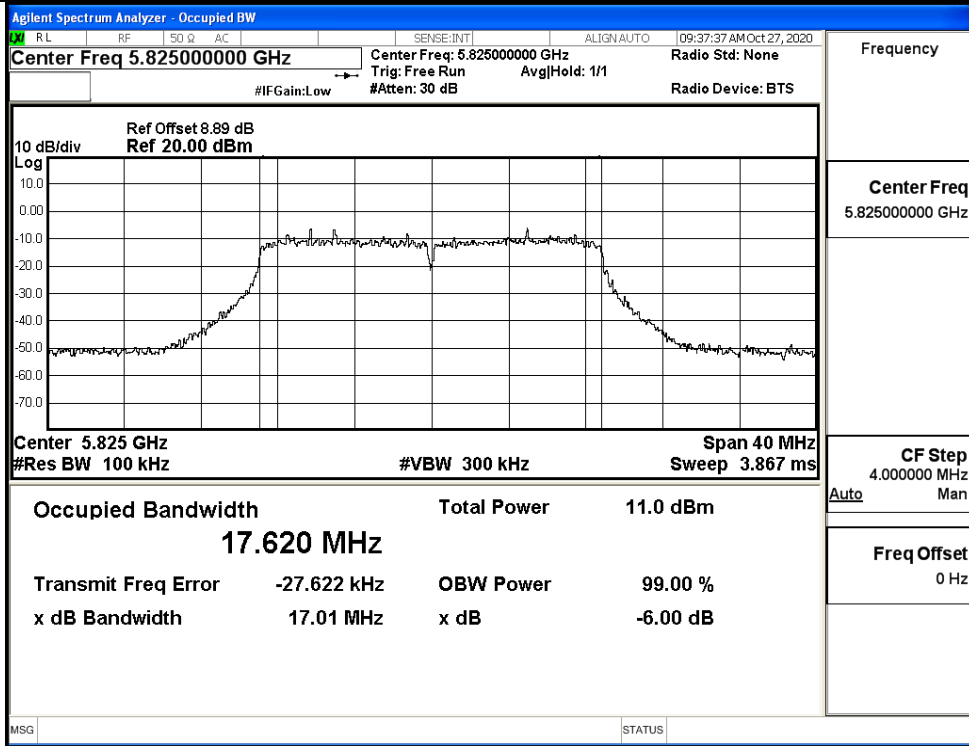
6dB Bandwidth



IEEE 802.11n20 / Channel 149 / 5745MHz

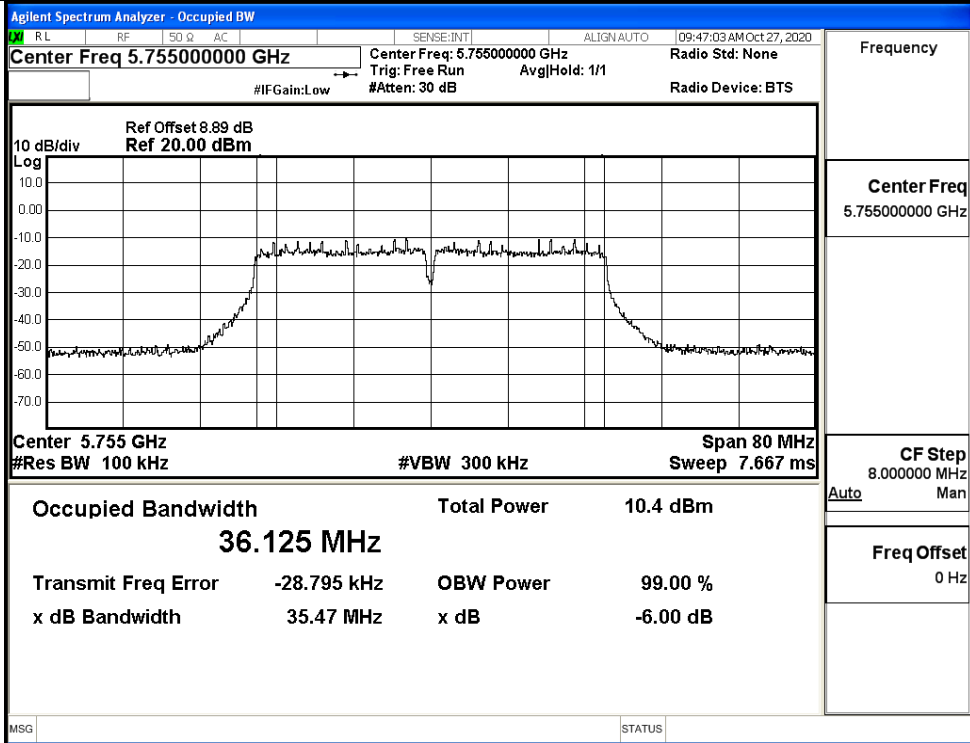


IEEE 802.11n20 / Channel 157 / 5785MHz

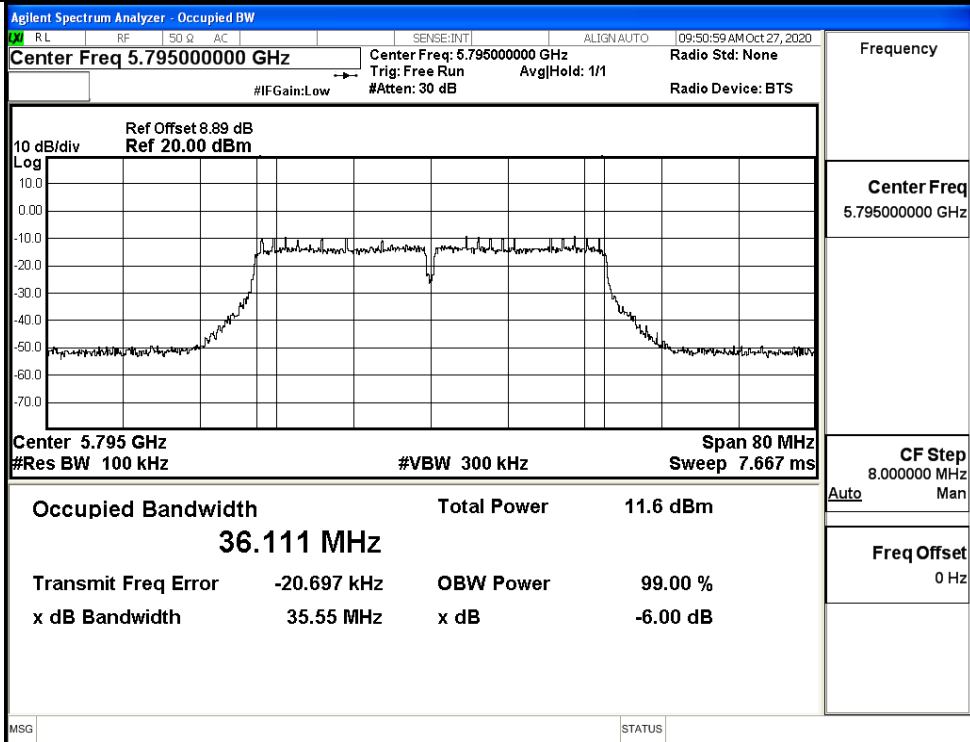


IEEE 802.11n20 / Channel 165 / 5825MHz

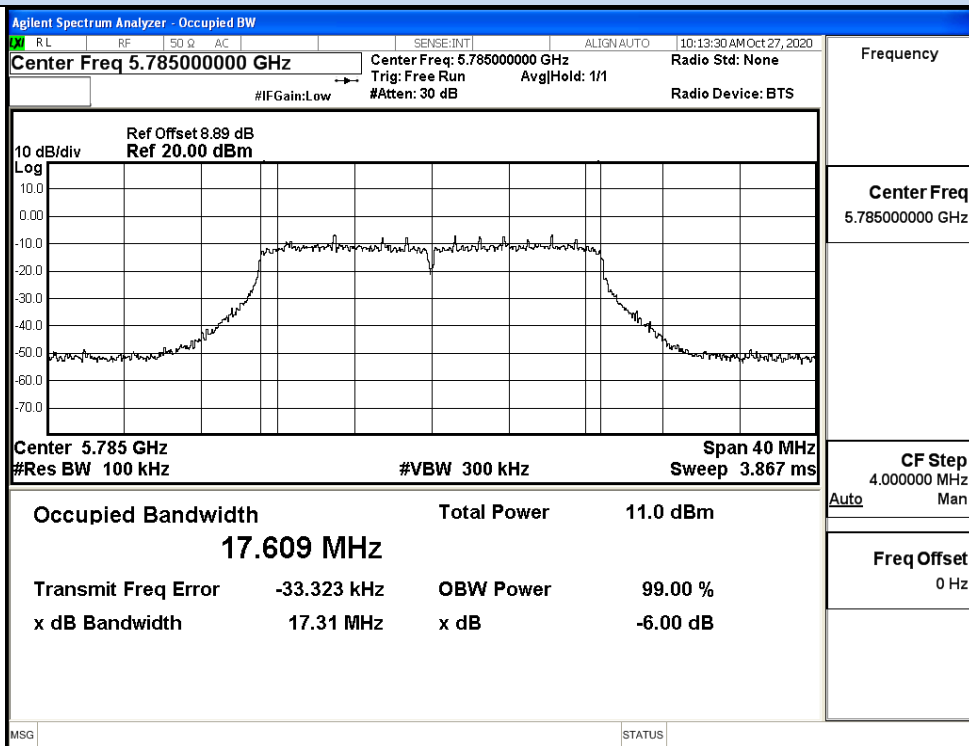
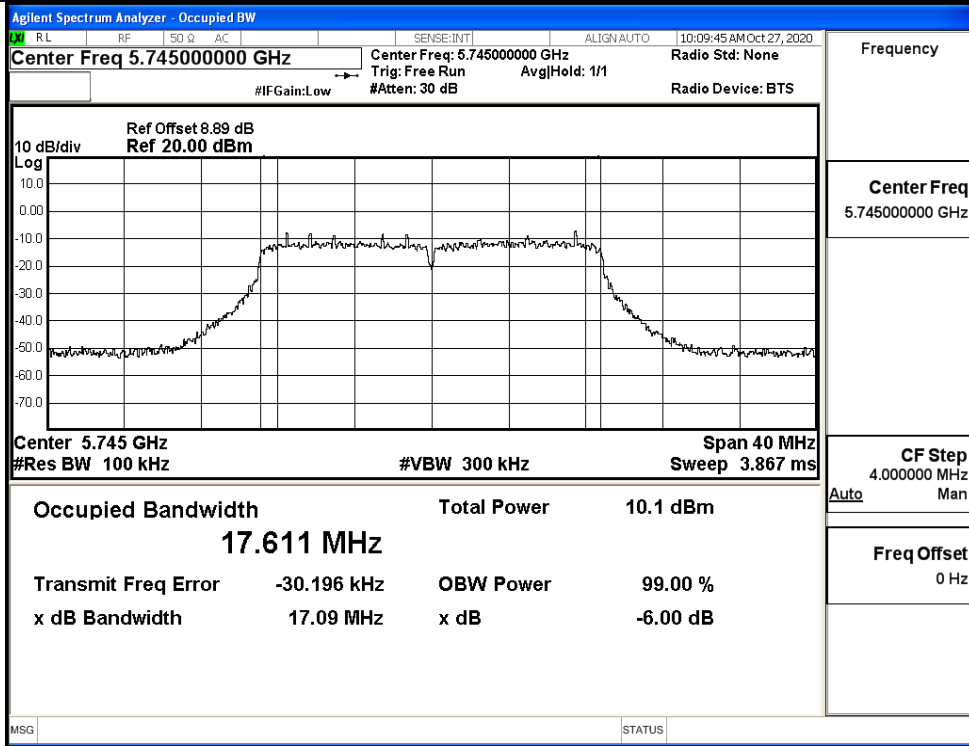
26dB Bandwidth

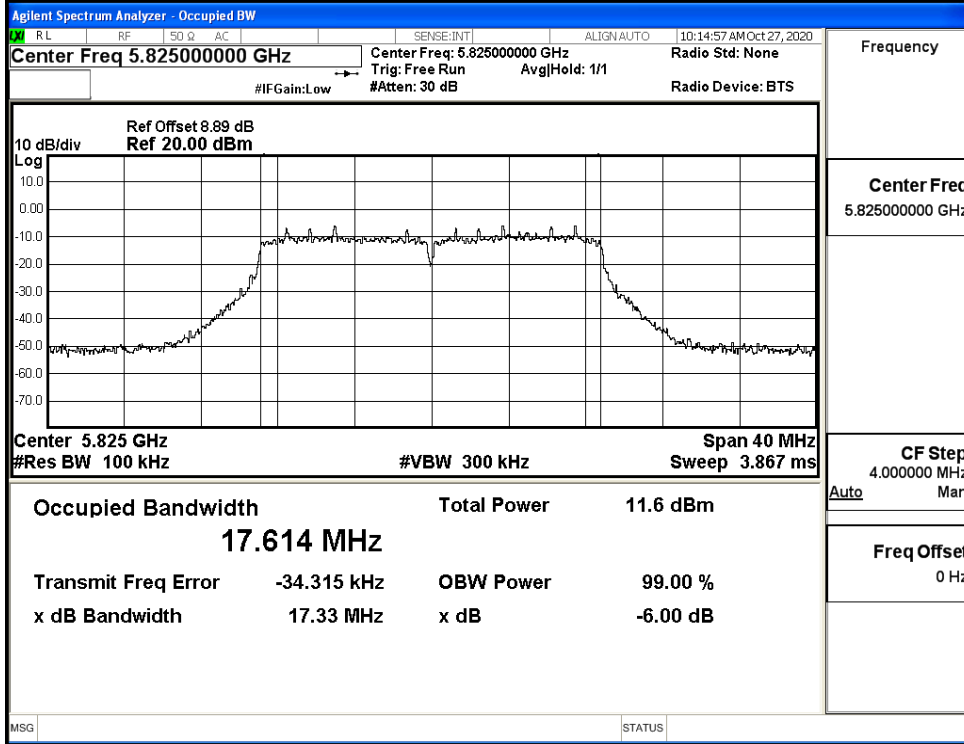


IEEE 802.11n40 / Channel 151 / 5755MHz

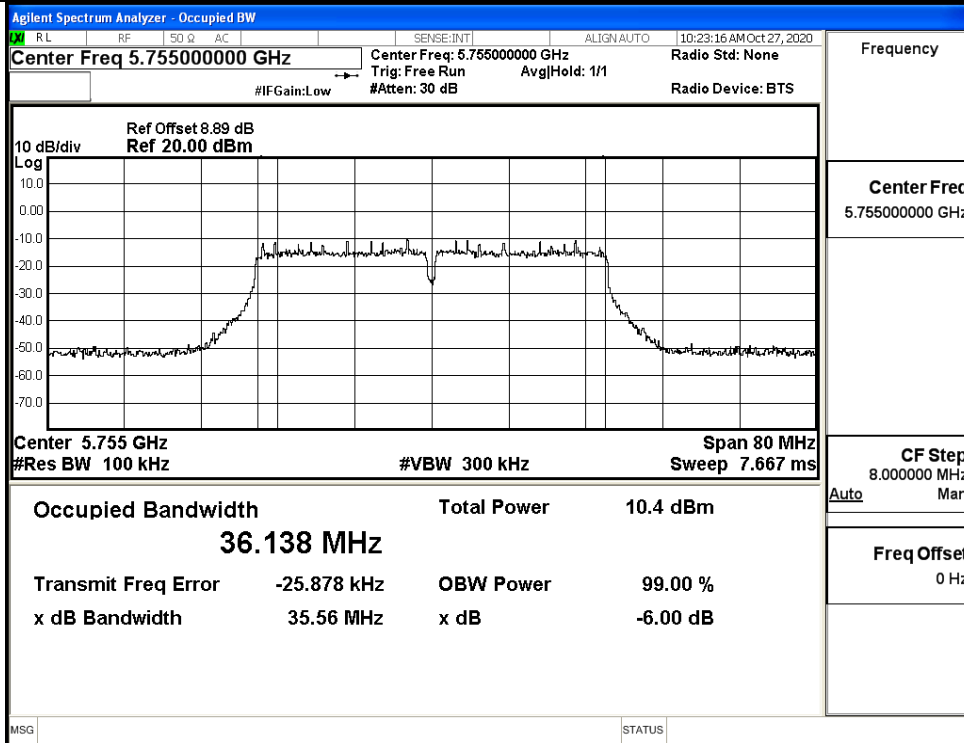


IEEE 802.11n40 / Channel 159 / 5795MHz

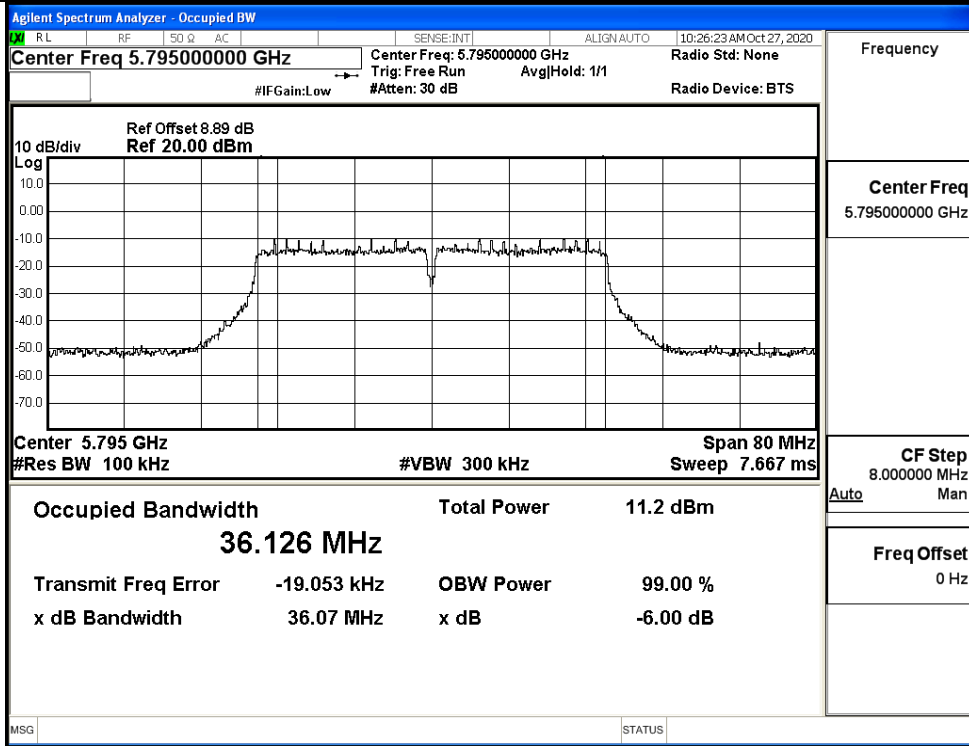




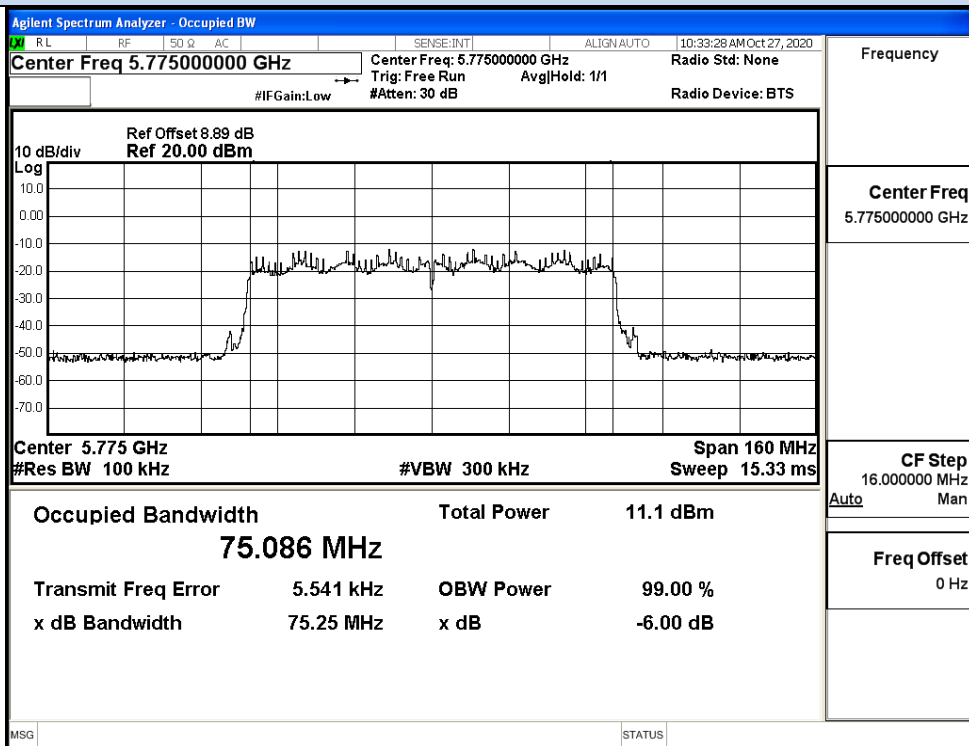
IEEE 802.11ac20 / Channel 165 / 5825MHz



IEEE 802.11ac40 / Channel 151 / 5755MHz



IEEE 802.11ac40 / Channel 159 / 5795MHz



IEEE 802.11ac80 / Channel 155 / 5775MHz

D.5 Undesirable Emissions Measurement

Ant0

Test Mode	Channel	Frequency (MHz)	Conducted Power (dBm)	Antenna Gain (dBi)	EIRP (dBm/MHz)	Detector	Limit (dBm/MHz)	Verdict
11A	149	5650.0	-46.62	0	-46.62	Peak	-27.0	Pass
		5650.0	-60.44	0	-60.44	Average	-27.0	Pass
		5700.0	-47.86	0	-47.86	Peak	10	Pass
		5700.0	-60.07	0	-60.07	Average	10	Pass
		5720.0	-47.80	0	-47.80	Peak	15.6	Pass
		5720.0	-59.76	0	-59.76	Average	15.6	Pass
		5725.0	-46.67	0	-46.67	Peak	27.0	Pass
	5725.0	-59.55	0	-59.55	Average	27.0	Pass	
	165	5850.0	-47.11	0	-47.11	Peak	27.0	Pass
		5850.0	-59.59	0	-59.59	Average	27.0	Pass
		5855.0	-47.35	0	-47.35	Peak	15.6	Pass
		5855.0	-59.77	0	-59.77	Average	15.6	Pass
		5875.0	-48.25	0	-48.25	Peak	10	Pass
		5875.0	-60.17	0	-60.17	Average	10	Pass
5925.0		-48.07	0	-48.07	Peak	-27.0	Pass	
5925.0	-60.56	0	-60.56	Average	-27.0	Pass		
11N20 SISO	149	5650.0	-48.03	0	-48.03	Peak	-27.0	Pass
		5650.0	-60.38	0	-60.38	Average	-27.0	Pass
		5700.0	-48.33	0	-48.33	Peak	10	Pass
		5700.0	-59.76	0	-59.76	Average	10	Pass
		5720.0	-47.48	0	-47.48	Peak	15.6	Pass
		5720.0	-60.09	0	-60.09	Average	15.6	Pass
		5725.0	-47.41	0	-47.41	Peak	27.0	Pass
	5725.0	-59.38	0	-59.38	Average	27.0	Pass	
	165	5850.0	-46.71	0	-46.71	Peak	27.0	Pass
		5850.0	-59.53	0	-59.53	Average	27.0	Pass
		5855.0	-47.84	0	-47.84	Peak	15.6	Pass
		5855.0	-59.77	0	-59.77	Average	15.6	Pass
		5875.0	-48.25	0	-48.25	Peak	10	Pass
		5875.0	-60.15	0	-60.15	Average	10	Pass
5925.0		-47.81	0	-47.81	Peak	-27.0	Pass	
5925.0	-60.61	0	-60.61	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	-47.29	0	-47.29	Peak	-27.0	Pass
		5650.0	-60.27	0	-60.27	Average	-27.0	Pass
		5700.0	-47.59	0	-47.59	Peak	10	Pass
		5700.0	-59.61	0	-59.61	Average	10	Pass
		5720.0	-46.16	0	-46.16	Peak	15.6	Pass
		5720.0	-58.88	0	-58.88	Average	15.6	Pass
		5725.0	-44.19	0	-44.19	Peak	27.0	Pass
	5725.0	-58.80	0	-58.80	Average	27.0	Pass	
	159	5850.0	-47.77	0	-47.77	Peak	27.0	Pass
		5850.0	-59.31	0	-59.31	Average	27.0	Pass
		5855.0	-48.00	0	-48.00	Peak	15.6	Pass
		5855.0	-59.49	0	-59.49	Average	15.6	Pass
		5875.0	-47.37	0	-47.37	Peak	10	Pass
		5875.0	-59.78	0	-59.78	Average	10	Pass
5925.0		-47.72	0	-47.72	Peak	-27.0	Pass	
5925.0	-60.21	0	-60.21	Average	-27.0	Pass		
11AC20 SISO	149	5650.0	-47.96	0	-47.96	Peak	-27.0	Pass
		5650.0	-60.40	0	-60.40	Average	-27.0	Pass
		5700.0	-47.60	0	-47.60	Peak	10	Pass
		5700.0	-59.79	0	-59.79	Average	10	Pass
		5720.0	-47.84	0	-47.84	Peak	15.6	Pass
		5720.0	-60.07	0	-60.07	Average	15.6	Pass
		5725.0	-47.38	0	-47.38	Peak	27.0	Pass
5725.0	-59.67	0	-59.67	Average	27.0	Pass		

	165	5850.0	-46.91	0	-46.91	Peak	27.0	Pass
		5850.0	-59.50	0	-59.50	Average	27.0	Pass
		5855.0	-46.93	0	-46.93	Peak	15.6	Pass
		5855.0	-59.72	0	-59.72	Average	15.6	Pass
		5875.0	-47.56	0	-47.56	Peak	10	Pass
		5875.0	-60.08	0	-60.08	Average	10	Pass
		5925.0	-47.20	0	-47.20	Peak	-27.0	Pass
11AC40 SISO	151	5650.0	-47.33	0	-47.33	Peak	-27.0	Pass
		5650.0	-60.27	0	-60.27	Average	-27.0	Pass
		5700.0	-47.29	0	-47.29	Peak	10	Pass
		5700.0	-59.68	0	-59.68	Average	10	Pass
		5720.0	-46.36	0	-46.36	Peak	15.6	Pass
		5720.0	-59.08	0	-59.08	Average	15.6	Pass
		5725.0	-46.11	0	-46.11	Peak	27.0	Pass
	159	5725.0	-58.90	0	-58.90	Average	27.0	Pass
		5850.0	-46.22	0	-46.22	Peak	27.0	Pass
		5850.0	-59.32	0	-59.32	Average	27.0	Pass
		5855.0	-47.93	0	-47.93	Peak	15.6	Pass
		5855.0	-59.43	0	-59.43	Average	15.6	Pass
		5875.0	-48.18	0	-48.18	Peak	10	Pass
		5875.0	-59.70	0	-59.70	Average	10	Pass
11AC80 SISO	155	5925.0	-48.64	0	-48.64	Peak	-27.0	Pass
		5925.0	-60.24	0	-60.24	Average	-27.0	Pass
		5725.0	-36.37	0	-36.37	Peak	27.0	Pass
		5720.0	-41.77	0	-41.77	Peak	15.6	Pass
		5700.0	-45.16	0	-45.16	Peak	10	Pass
		5650.0	-48.41	0	-48.41	Peak	-27.0	Pass
		5725.0	-55.71	0	-55.71	Average	27.0	Pass
		5720.0	-56.09	0	-56.09	Average	15.6	Pass
		5700.0	-58.30	0	-58.30	Average	10	Pass
		5650.0	-59.76	0	-59.76	Average	-27.0	Pass
		5850.0	-36.37	0	-36.37	Peak	27.0	Pass
		5855.0	-41.77	0	-41.77	Peak	15.6	Pass
		5875.0	-45.16	0	-45.16	Peak	10	Pass
		5925.0	-48.41	0	-48.41	Peak	-27.0	Pass
5850.0	-55.71	0	-55.71	Average	27.0	Pass		
5855.0	-56.09	0	-56.09	Average	15.6	Pass		
5875.0	-58.30	0	-58.30	Average	10	Pass		
5925.0	-59.76	0	-59.76	Average	-27.0	Pass		

Ant1

Test Mode	Channel	Frequency (MHz)	Conducted Power (dBm)	Antenna Gain (dBi)	EIRP (dBm/MHz)	Detector	Limit (dBm/MHz)	Verdict
11A	149	5650.0	-47.32	0	-47.32	Peak	-27.0	Pass
		5650.0	-59.86	0	-59.86	Average	-27.0	Pass
		5700.0	-46.95	0	-46.95	Peak	10	Pass
		5700.0	-59.41	0	-59.41	Average	10	Pass
		5720.0	-45.95	0	-45.95	Peak	15.6	Pass
		5720.0	-58.93	0	-58.93	Average	15.6	Pass
		5725.0	-45.80	0	-45.80	Peak	27.0	Pass
	5725.0	-58.12	0	-58.12	Average	27.0	Pass	
	165	5850.0	-45.76	0	-45.76	Peak	27.0	Pass
		5850.0	-59.35	0	-59.35	Average	27.0	Pass
		5855.0	-47.21	0	-47.21	Peak	15.6	Pass
		5855.0	-59.68	0	-59.68	Average	15.6	Pass
		5875.0	-47.29	0	-47.29	Peak	10	Pass
		5875.0	-60.16	0	-60.16	Average	10	Pass
5925.0		-48.77	0	-48.77	Peak	-27.0	Pass	
5925.0	-60.61	0	-60.61	Average	-27.0	Pass		
11N20 SISO	149	5650.0	-47.77	0	-47.77	Peak	-27.0	Pass
		5650.0	-60.24	0	-60.24	Average	-27.0	Pass
		5700.0	-48.09	0	-48.09	Peak	10	Pass
		5700.0	-59.72	0	-59.72	Average	10	Pass
		5720.0	-48.63	0	-48.63	Peak	15.6	Pass
		5720.0	-59.94	0	-59.94	Average	15.6	Pass
		5725.0	-47.04	0	-47.04	Peak	27.0	Pass
	5725.0	-59.32	0	-59.32	Average	27.0	Pass	
	165	5850.0	-46.10	0	-46.10	Peak	27.0	Pass
		5850.0	-59.34	0	-59.34	Average	27.0	Pass
		5855.0	-47.29	0	-47.29	Peak	15.6	Pass
		5855.0	-59.74	0	-59.74	Average	15.6	Pass
		5875.0	-48.08	0	-48.08	Peak	10	Pass
		5875.0	-60.16	0	-60.16	Average	10	Pass
5925.0		-48.35	0	-48.35	Peak	-27.0	Pass	
5925.0	-60.62	0	-60.62	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	-47.55	0	-47.55	Peak	-27.0	Pass
		5650.0	-60.14	0	-60.14	Average	-27.0	Pass
		5700.0	-47.02	0	-47.02	Peak	10	Pass
		5700.0	-59.70	0	-59.70	Average	10	Pass
		5720.0	-46.59	0	-46.59	Peak	15.6	Pass
		5720.0	-59.14	0	-59.14	Average	15.6	Pass
		5725.0	-46.74	0	-46.74	Peak	27.0	Pass
	5725.0	-58.89	0	-58.89	Average	27.0	Pass	
	159	5850.0	-47.36	0	-47.36	Peak	27.0	Pass
		5850.0	-59.45	0	-59.45	Average	27.0	Pass
		5855.0	-47.88	0	-47.88	Peak	15.6	Pass
		5855.0	-59.53	0	-59.53	Average	15.6	Pass
		5875.0	-48.42	0	-48.42	Peak	10	Pass
		5875.0	-59.73	0	-59.73	Average	10	Pass
5925.0		-48.79	0	-48.79	Peak	-27.0	Pass	
5925.0	-60.24	0	-60.24	Average	-27.0	Pass		
11AC20 SISO	149	5650.0	-47.76	0	-47.76	Peak	-27.0	Pass
		5650.0	-60.23	0	-60.23	Average	-27.0	Pass
		5700.0	-46.90	0	-46.90	Peak	10	Pass
		5700.0	-59.71	0	-59.71	Average	10	Pass
		5720.0	-47.36	0	-47.36	Peak	15.6	Pass
		5720.0	-59.91	0	-59.91	Average	15.6	Pass
		5725.0	-47.09	0	-47.09	Peak	27.0	Pass
	5725.0	-59.38	0	-59.38	Average	27.0	Pass	
	165	5850.0	-46.74	0	-46.74	Peak	27.0	Pass
		5850.0	-59.32	0	-59.32	Average	27.0	Pass
		5855.0	-47.69	0	-47.69	Peak	15.6	Pass

11AC40 SISO	151	5855.0	-59.64	0	-59.64	Average	15.6	Pass
		5875.0	-47.32	0	-47.32	Peak	10	Pass
		5875.0	-60.13	0	-60.13	Average	10	Pass
		5925.0	-48.51	0	-48.51	Peak	-27.0	Pass
		5925.0	-60.62	0	-60.62	Average	-27.0	Pass
		5650.0	-47.22	0	-47.22	Peak	-27.0	Pass
		5650.0	-60.12	0	-60.12	Average	-27.0	Pass
		5700.0	-47.82	0	-47.82	Peak	10	Pass
		5700.0	-59.76	0	-59.76	Average	10	Pass
		5720.0	-46.36	0	-46.36	Peak	15.6	Pass
11AC80 SISO	155	5725.0	-42.59	0	-42.59	Peak	27.0	Pass
		5720.0	-41.27	0	-41.27	Peak	15.6	Pass
		5700.0	-46.78	0	-46.78	Peak	10	Pass
		5650.0	-48.51	0	-48.51	Peak	-27.0	Pass
		5725.0	-57.79	0	-57.79	Average	27.0	Pass
		5720.0	-58.25	0	-58.25	Average	15.6	Pass
		5700.0	-59.22	0	-59.22	Average	10	Pass
		5650.0	-59.95	0	-59.95	Average	-27.0	Pass
		5850.0	-42.59	0	-42.59	Peak	27.0	Pass
		5855.0	-41.27	0	-41.27	Peak	15.6	Pass

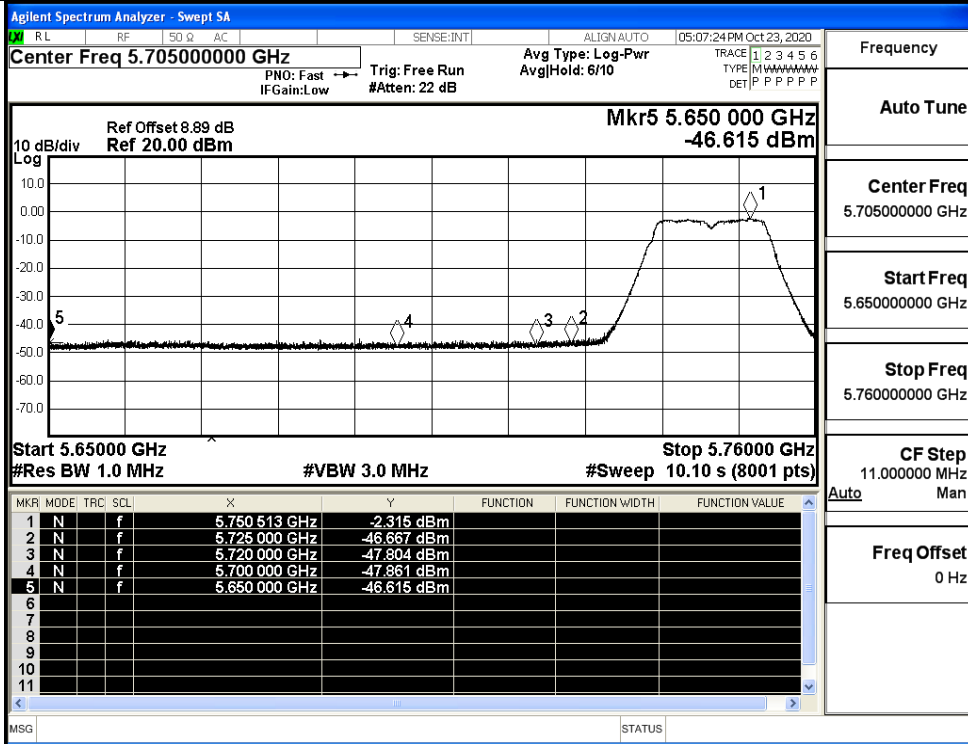
Combined Ant_0 and Ant_1

Test Mode	Channel	Frequency (MHz)	Conducted Power (dBm)			Antenna Gain (dBi)	EIRP (dBm/MHz)	Detector	Limit (dBm/MHz)	Verdict
			ANT0	ANT1	SUM					
11N20	149	5650.0	-48.03	-47.77	-44.89	3.01	-41.88	Peak	-27.0	Pass
		5650.0	-60.38	-60.24	-57.30	3.01	-54.29	Average	-27.0	Pass
		5700.0	-48.33	-48.09	-45.20	3.01	-42.19	Peak	10	Pass
		5700.0	-59.76	-59.72	-56.73	3.01	-53.72	Average	10	Pass
		5720.0	-47.48	-48.63	-45.01	3.01	-42.00	Peak	15.6	Pass
		5720.0	-60.09	-59.94	-57.00	3.01	-53.99	Average	15.6	Pass
		5725.0	-47.41	-47.04	-44.21	3.01	-41.20	Peak	27.0	Pass
	165	5725.0	-59.38	-59.32	-56.34	3.01	-53.33	Average	27.0	Pass
		5850.0	-46.71	-46.10	-43.38	3.01	-40.37	Peak	27.0	Pass
		5850.0	-59.53	-59.34	-56.42	3.01	-53.41	Average	27.0	Pass
		5855.0	-47.84	-47.29	-44.55	3.01	-41.54	Peak	15.6	Pass
		5855.0	-59.77	-59.74	-56.74	3.01	-53.73	Average	15.6	Pass
		5875.0	-48.25	-48.08	-45.15	3.01	-42.14	Peak	10	Pass
		5875.0	-60.15	-60.16	-57.14	3.01	-54.13	Average	10	Pass
11N40	151	5925.0	-47.81	-48.35	-45.06	3.01	-42.05	Peak	-27.0	Pass
		5925.0	-60.61	-60.62	-57.60	3.01	-54.59	Average	-27.0	Pass
		5650.0	-47.29	-47.55	-44.41	3.01	-41.40	Peak	-27.0	Pass
		5650.0	-60.27	-60.14	-57.19	3.01	-54.18	Average	-27.0	Pass
		5700.0	-47.59	-47.02	-44.29	3.01	-41.28	Peak	10	Pass

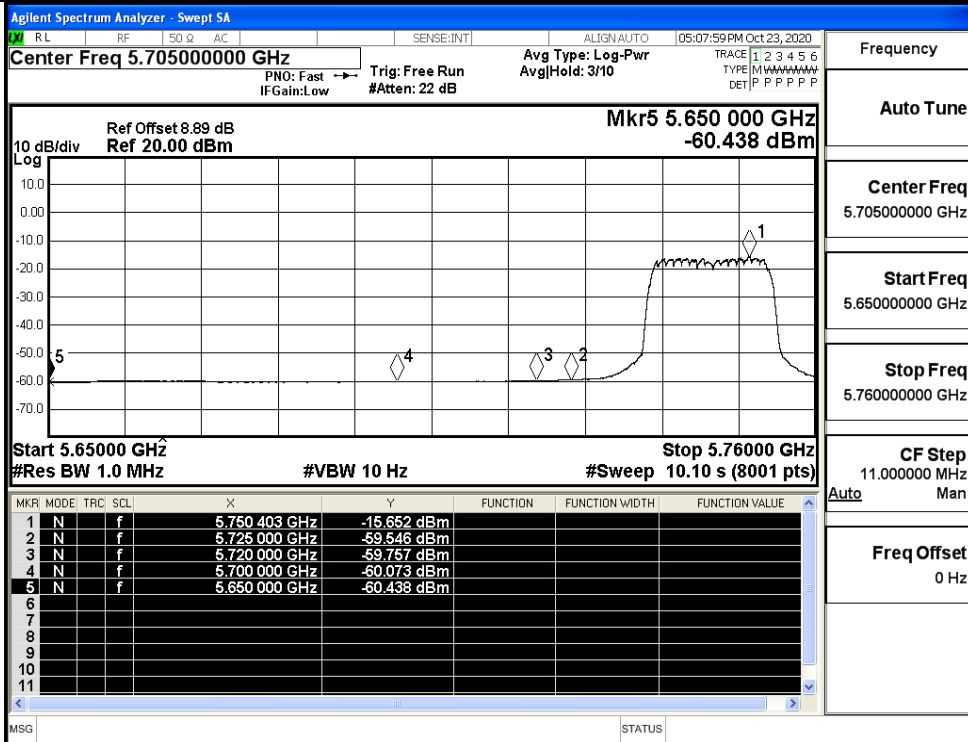
		5720.0	-58.88	-59.14	-56.00	3.01	-52.99	Average	15.6	Pass		
		5725.0	-44.19	-46.74	-42.27	3.01	-39.26	Peak	27.0	Pass		
		5725.0	-58.80	-58.89	-55.83	3.01	-52.82	Average	27.0	Pass		
	159		5850.0	-47.77	-47.36	-44.55	3.01	-41.54	Peak	27.0	Pass	
			5850.0	-59.31	-59.45	-56.37	3.01	-53.36	Average	27.0	Pass	
			5855.0	-48.00	-47.88	-44.93	3.01	-41.92	Peak	15.6	Pass	
		159		5855.0	-59.49	-59.53	-56.50	3.01	-53.49	Average	15.6	Pass
				5875.0	-47.37	-48.42	-44.85	3.01	-41.84	Peak	10	Pass
				5875.0	-59.78	-59.73	-56.74	3.01	-53.73	Average	10	Pass
			159		5925.0	-47.72	-48.79	-45.21	3.01	-42.20	Peak	-27.0
5925.0					-60.21	-60.24	-57.21	3.01	-54.20	Average	-27.0	Pass
11AC20	149	5650.0	-47.96	-47.76	-44.85	3.01	-41.84	Peak	-27.0	Pass		
		5650.0	-60.40	-60.23	-57.30	3.01	-54.29	Average	-27.0	Pass		
		5700.0	-47.60	-46.90	-44.23	3.01	-41.22	Peak	10	Pass		
		5700.0	-59.79	-59.71	-56.74	3.01	-53.73	Average	10	Pass		
		5720.0	-47.84	-47.36	-44.58	3.01	-41.57	Peak	15.6	Pass		
		5720.0	-60.07	-59.91	-56.98	3.01	-53.97	Average	15.6	Pass		
		5725.0	-47.38	-47.09	-44.22	3.01	-41.21	Peak	27.0	Pass		
	165		5725.0	-59.67	-59.38	-56.51	3.01	-53.50	Average	27.0	Pass	
			5850.0	-46.91	-46.74	-43.81	3.01	-40.80	Peak	27.0	Pass	
			5850.0	-59.50	-59.32	-56.40	3.01	-53.39	Average	27.0	Pass	
			5855.0	-46.93	-47.69	-44.28	3.01	-41.27	Peak	15.6	Pass	
			5855.0	-59.72	-59.64	-56.67	3.01	-53.66	Average	15.6	Pass	
			5875.0	-47.56	-47.32	-44.43	3.01	-41.42	Peak	10	Pass	
			5875.0	-60.08	-60.13	-57.09	3.01	-54.08	Average	10	Pass	
11AC40	151	5925.0	-47.20	-48.51	-44.80	3.01	-41.79	Peak	-27.0	Pass		
		5925.0	-60.55	-60.62	-57.57	3.01	-54.56	Average	-27.0	Pass		
		5650.0	-47.33	-47.22	-44.26	3.01	-41.25	Peak	-27.0	Pass		
		5650.0	-60.27	-60.12	-57.18	3.01	-54.17	Average	-27.0	Pass		
		5700.0	-47.29	-47.82	-44.54	3.01	-41.53	Peak	10	Pass		
		5700.0	-59.68	-59.76	-56.71	3.01	-53.70	Average	10	Pass		
		5720.0	-46.36	-46.36	-43.35	3.01	-40.34	Peak	15.6	Pass		
	159		5720.0	-59.08	-59.21	-56.13	3.01	-53.12	Average	15.6	Pass	
			5725.0	-46.11	-45.93	-43.01	3.01	-40.00	Peak	27.0	Pass	
			5725.0	-58.90	-59.12	-56.00	3.01	-52.99	Average	27.0	Pass	
			5850.0	-46.22	-46.40	-43.30	3.01	-40.29	Peak	27.0	Pass	
			5850.0	-59.32	-59.42	-56.36	3.01	-53.35	Average	27.0	Pass	
			5855.0	-47.93	-47.02	-44.44	3.01	-41.43	Peak	15.6	Pass	
			5855.0	-59.43	-59.55	-56.48	3.01	-53.47	Average	15.6	Pass	
159		5875.0	-48.18	-47.92	-45.04	3.01	-42.03	Peak	10	Pass		
		5875.0	-59.70	-59.71	-56.69	3.01	-53.68	Average	10	Pass		
		5925.0	-48.64	-48.74	-45.68	3.01	-42.67	Peak	-27.0	Pass		
		5925.0	-60.24	-60.31	-57.26	3.01	-54.25	Average	-27.0	Pass		
11AC80	155	5725.0	-36.37	-42.59	-35.44	3.01	-32.43	Peak	27.0	Pass		
		5720.0	-41.77	-41.27	-38.50	3.01	-35.49	Peak	15.6	Pass		
		5700.0	-45.16	-46.78	-42.88	3.01	-39.87	Peak	10	Pass		
		5650.0	-48.41	-48.51	-45.45	3.01	-42.44	Peak	-27.0	Pass		
		5725.0	-55.71	-57.79	-53.62	3.01	-50.61	Average	27.0	Pass		
		5720.0	-56.09	-58.25	-54.03	3.01	-51.02	Average	15.6	Pass		
		5700.0	-58.30	-59.22	-55.73	3.01	-52.72	Average	10	Pass		
		5650.0	-59.76	-59.95	-56.84	3.01	-53.83	Average	-27.0	Pass		
		5850.0	-36.37	-42.59	-35.44	3.01	-32.43	Peak	27.0	Pass		
		5855.0	-41.77	-41.27	-38.50	3.01	-35.49	Peak	15.6	Pass		
		5875.0	-45.16	-46.78	-42.88	3.01	-39.87	Peak	10	Pass		
		5925.0	-48.41	-48.51	-45.45	3.01	-42.44	Peak	-27.0	Pass		
		5850.0	-55.71	-57.79	-53.62	3.01	-50.61	Average	27.0	Pass		
		5855.0	-56.09	-58.25	-54.03	3.01	-51.02	Average	15.6	Pass		
5875.0	-58.30	-59.22	-55.73	3.01	-52.72	Average	10	Pass				
5925.0	-59.76	-59.95	-56.84	3.01	-53.83	Average	-27.0	Pass				

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Undesirable Emissions Measurement

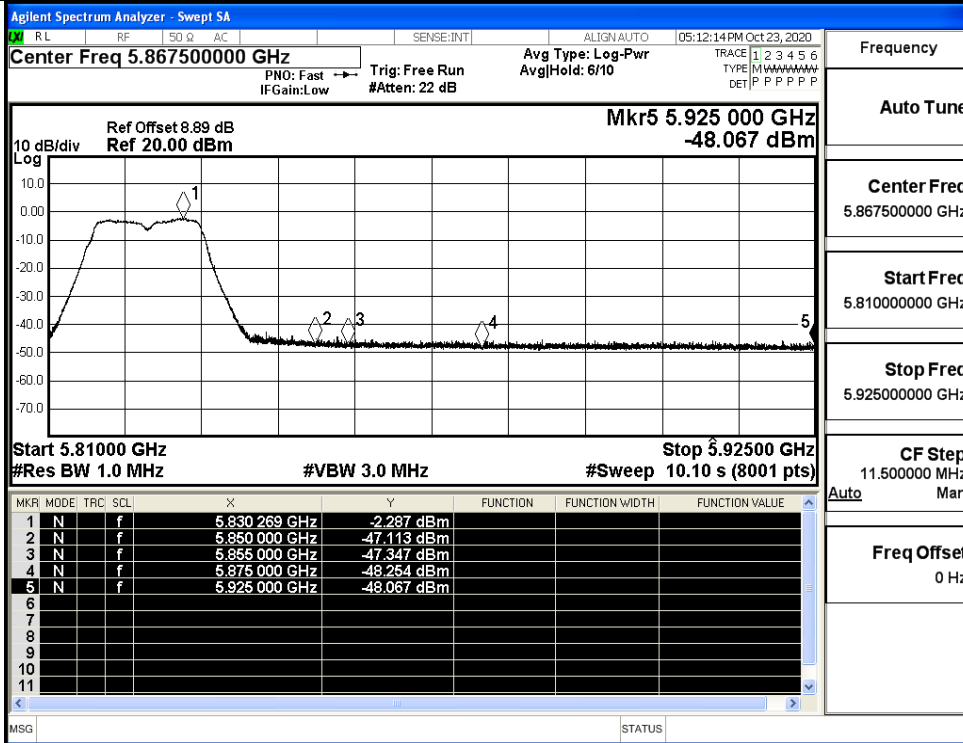


IEEE 802.11a / Channel 149 / 5745MHz / Peak

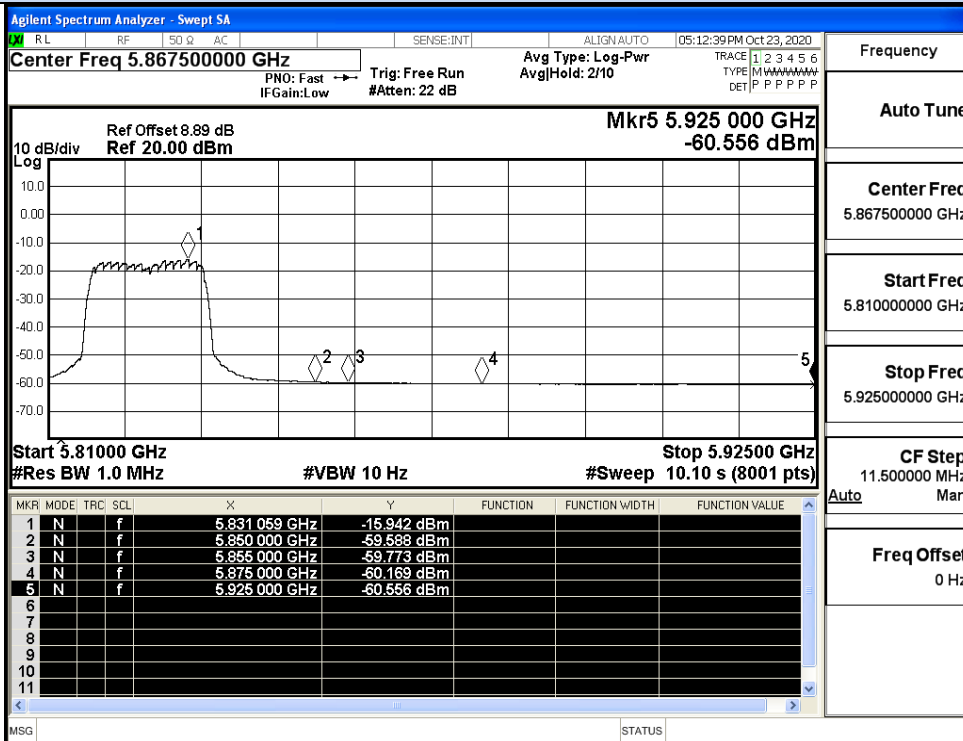


IEEE 802.11a / Channel 148 / 5745MHz / Average

Undesirable Emissions Measurement

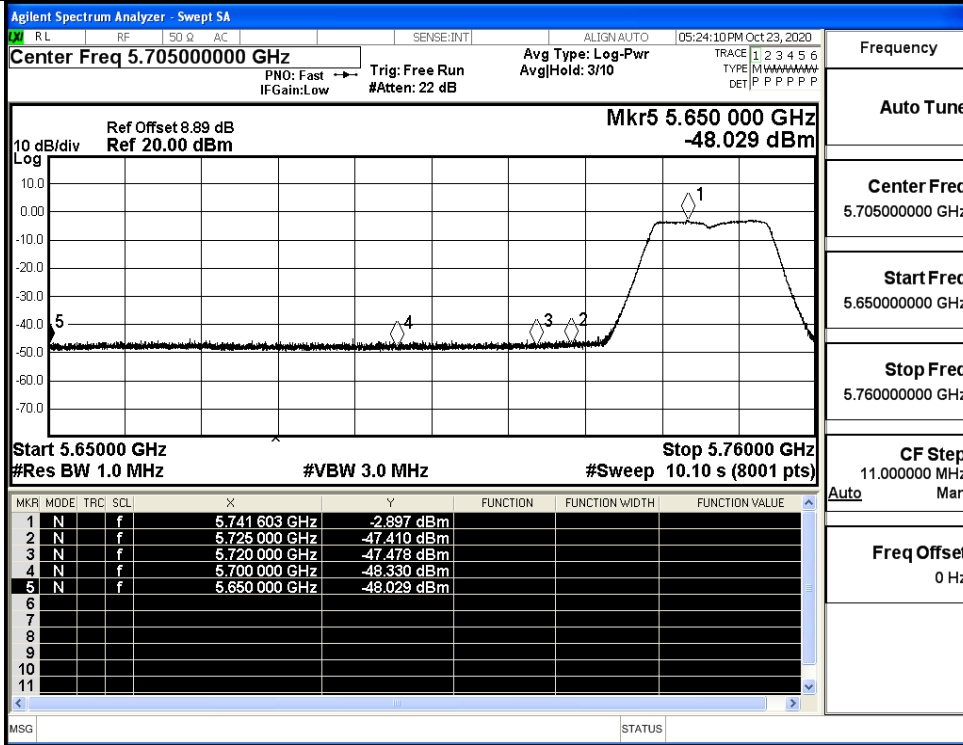


IEEE 802.11a / Channel 165 / 5825MHz / Peak

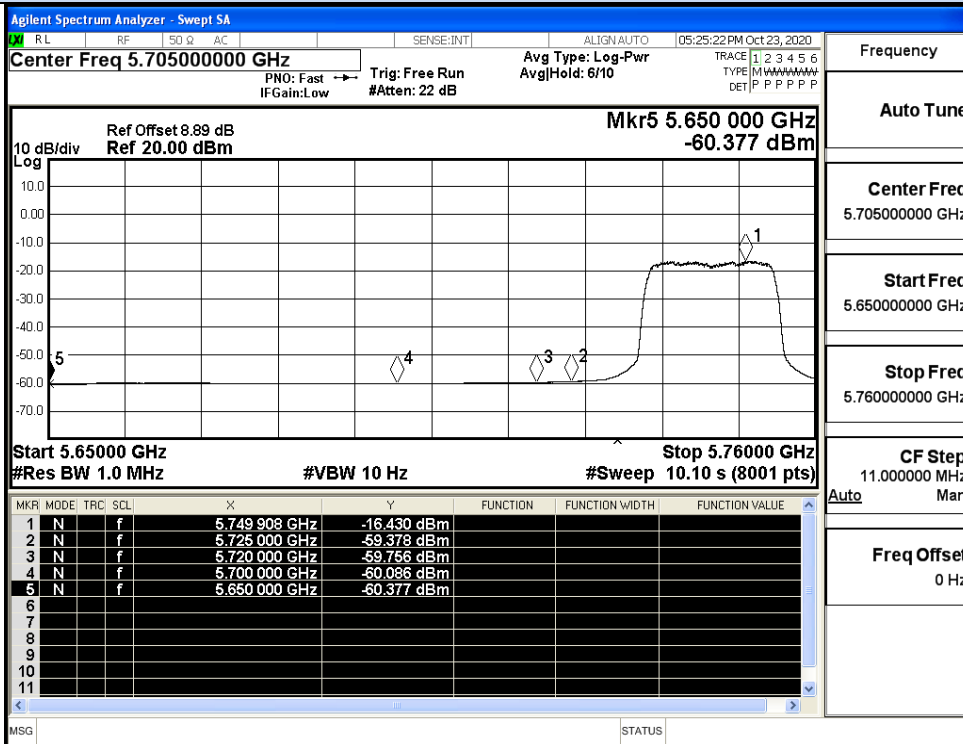


IEEE 802.11a / Channel 165 / 5825MHz / Average

Undesirable Emissions Measurement

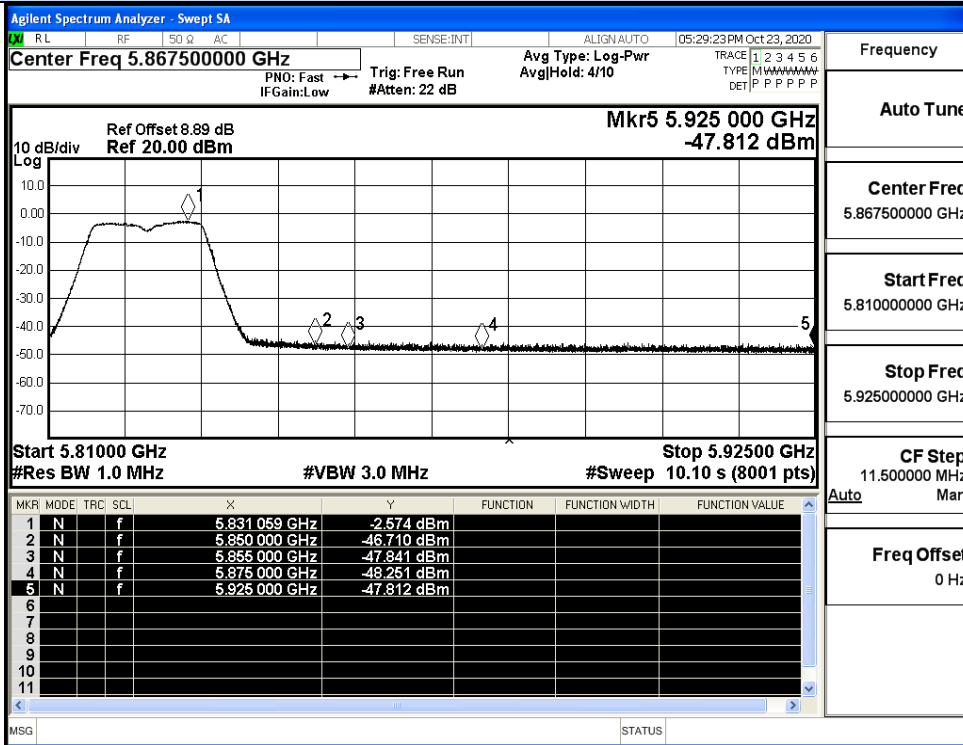


IEEE 802.11n20 / Channel 149 / 5745MHz / Peak

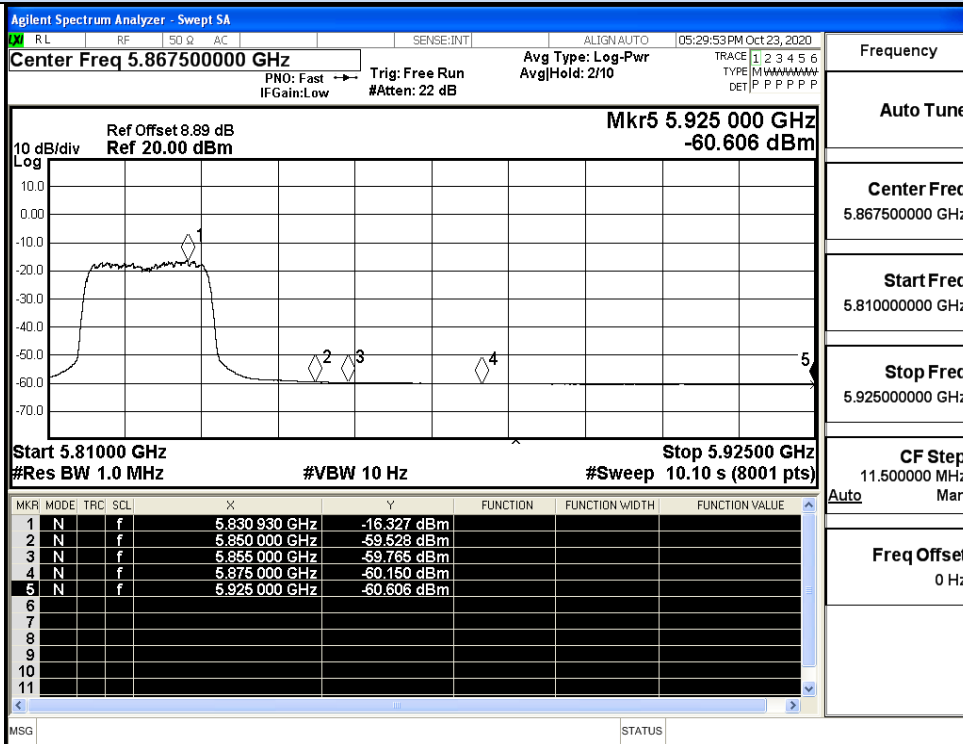


IEEE 802.11n20 / Channel 149 / 5745MHz / Average

Undesirable Emissions Measurement

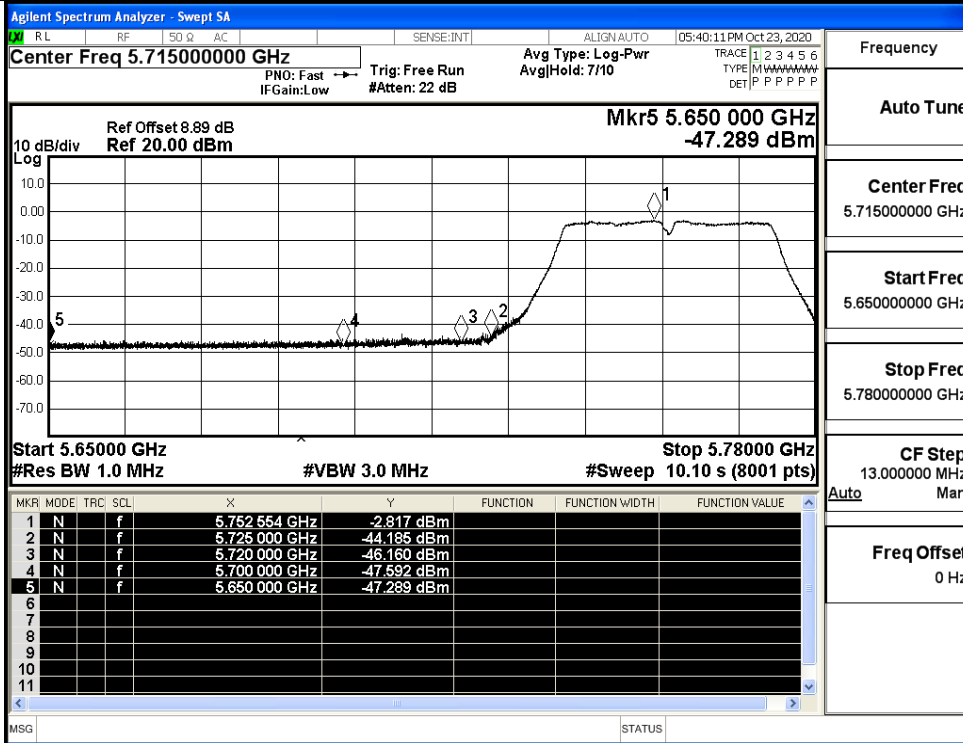


IEEE 802.11n20 / Channel 165 / 5825MHz / Peak

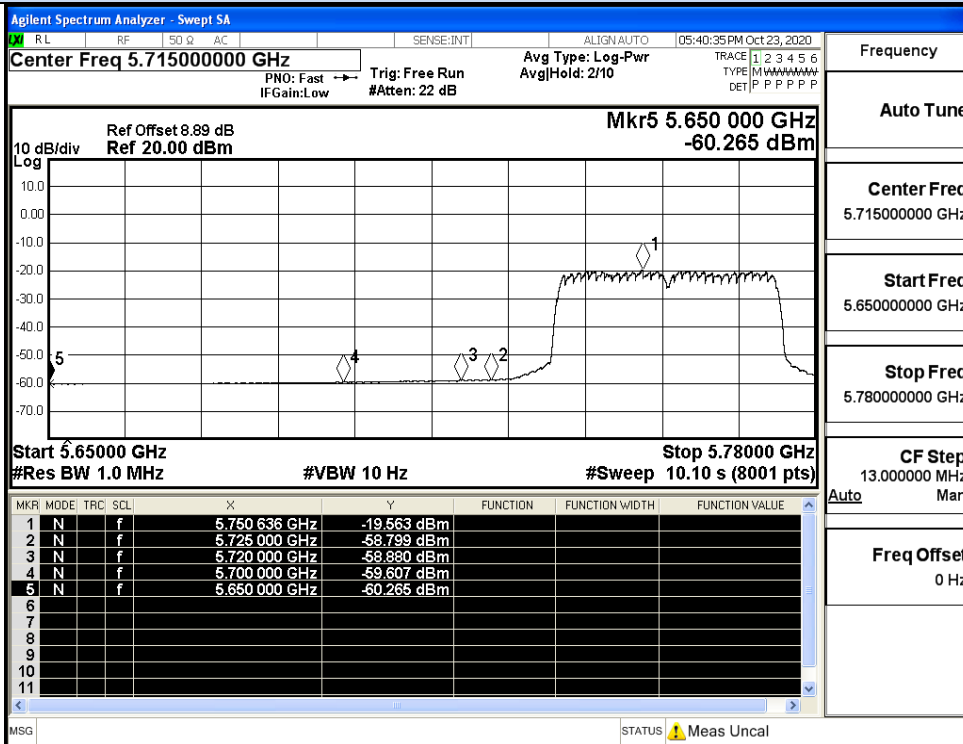


IEEE 802.11n20 / Channel 165 / 5825MHz / Average

Undesirable Emissions Measurement

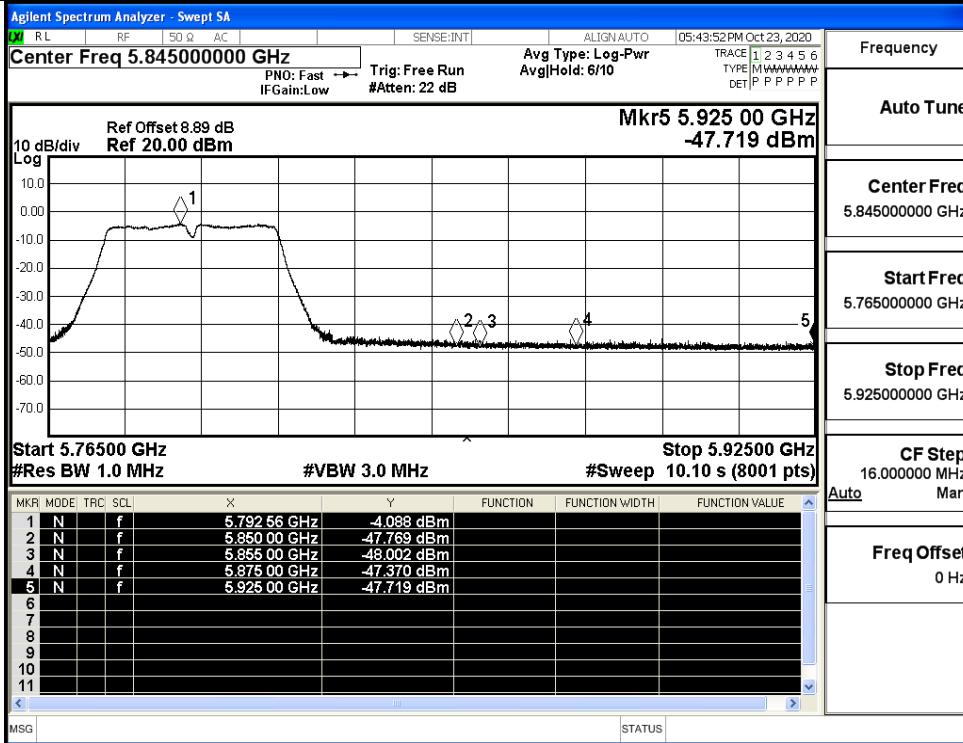


IEEE 802.11n40 / Channel 151 / 5755MHz / Peak

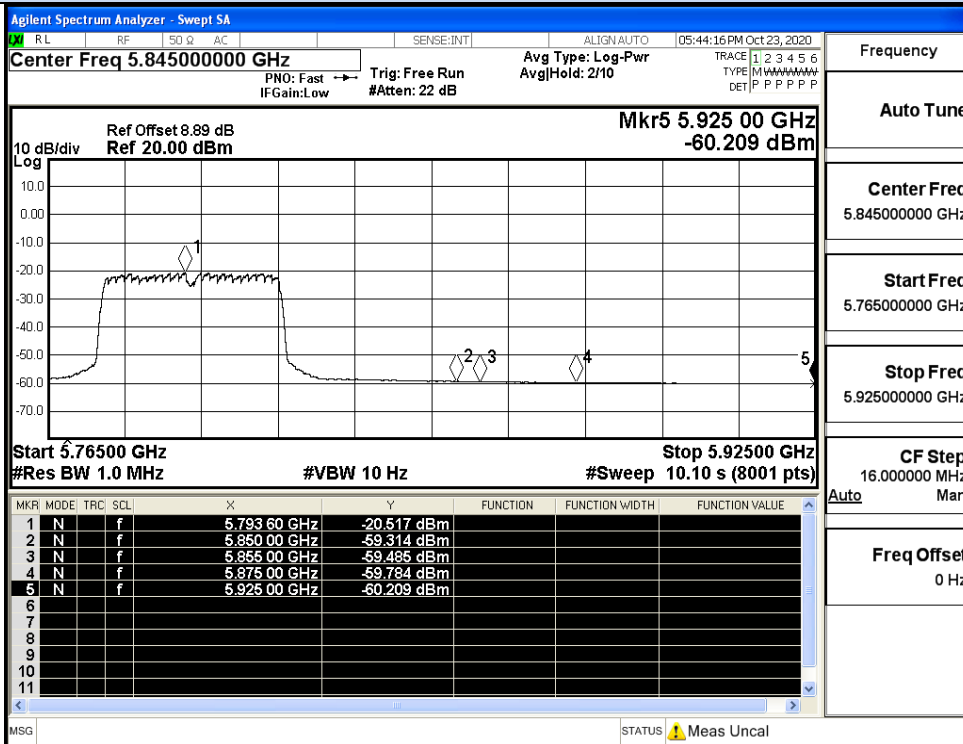


IEEE 802.11n40 / Channel 151 / 5755MHz / Average

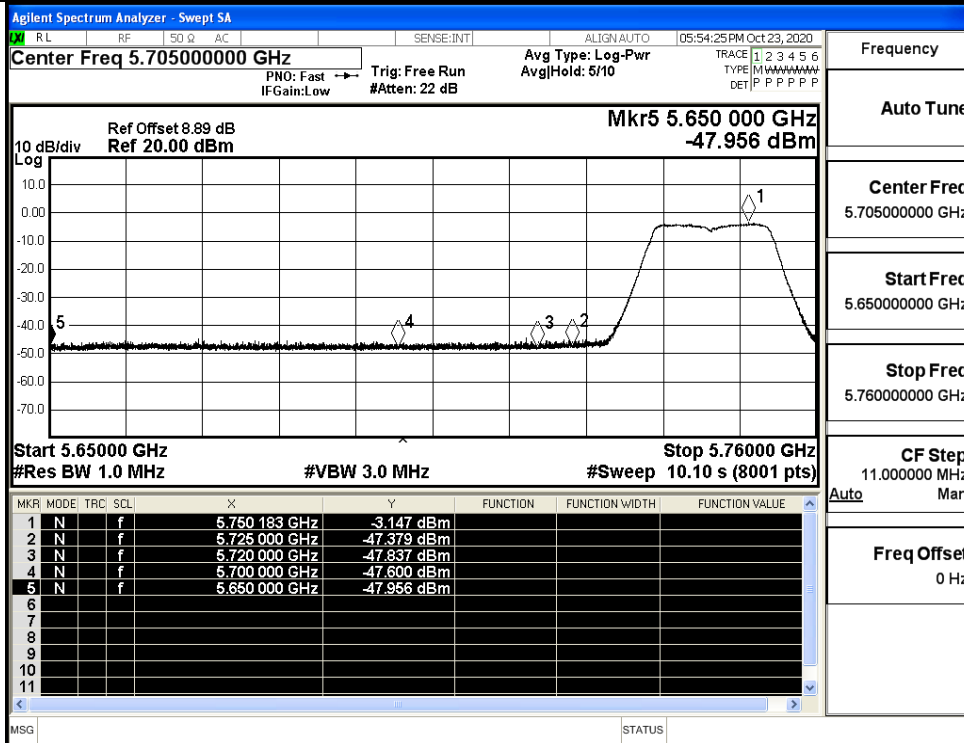
Undesirable Emissions Measurement



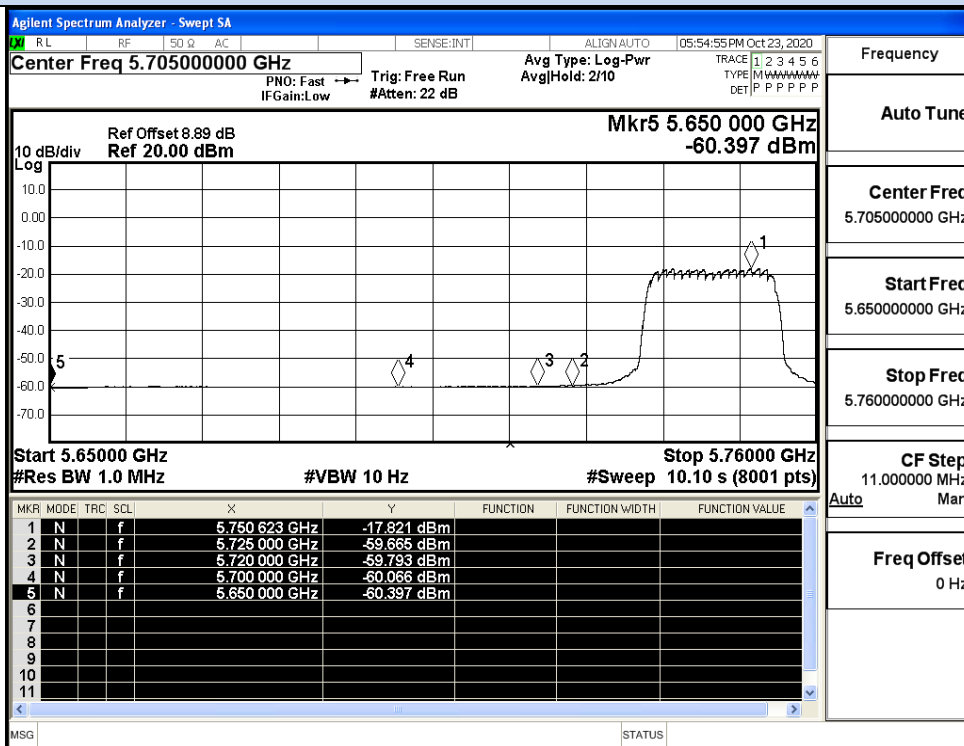
IEEE 802.11n40 / Channel 159 / 5795MHz / Peak



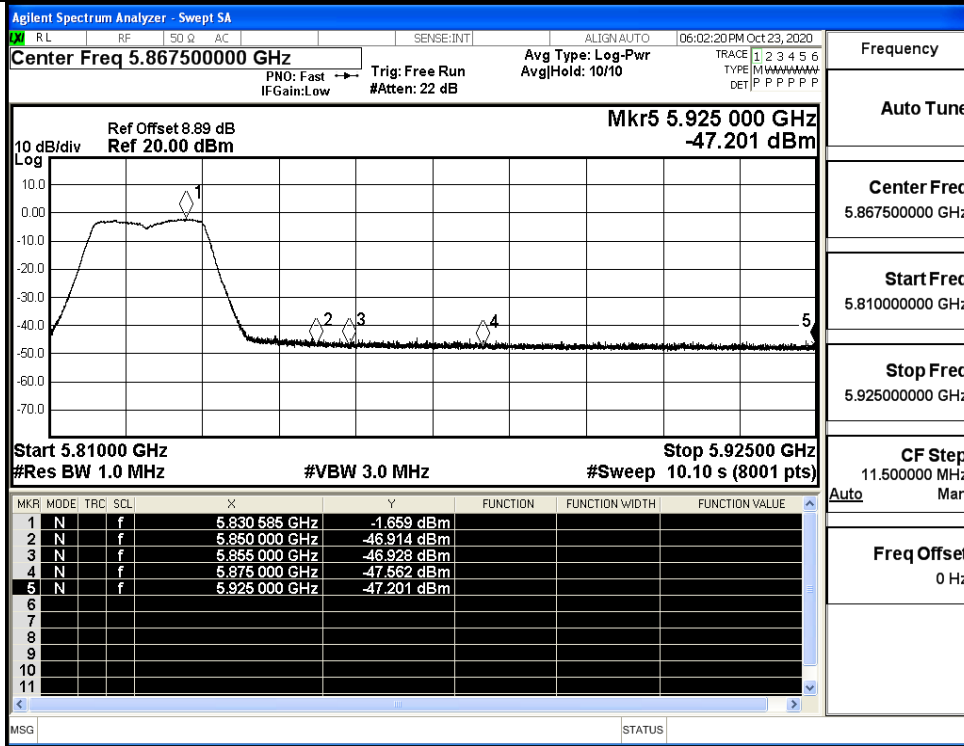
IEEE 802.11n40 / Channel 159 / 5795MHz / Average



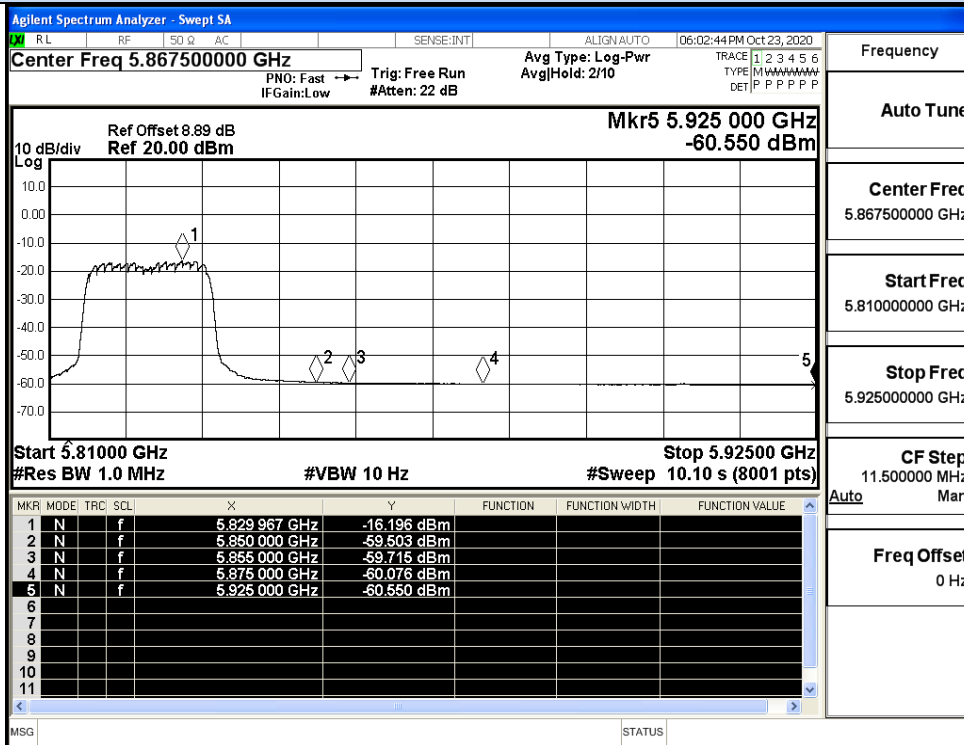
IEEE 802.11ac20 / Channel 149 / 5745MHz / Peak



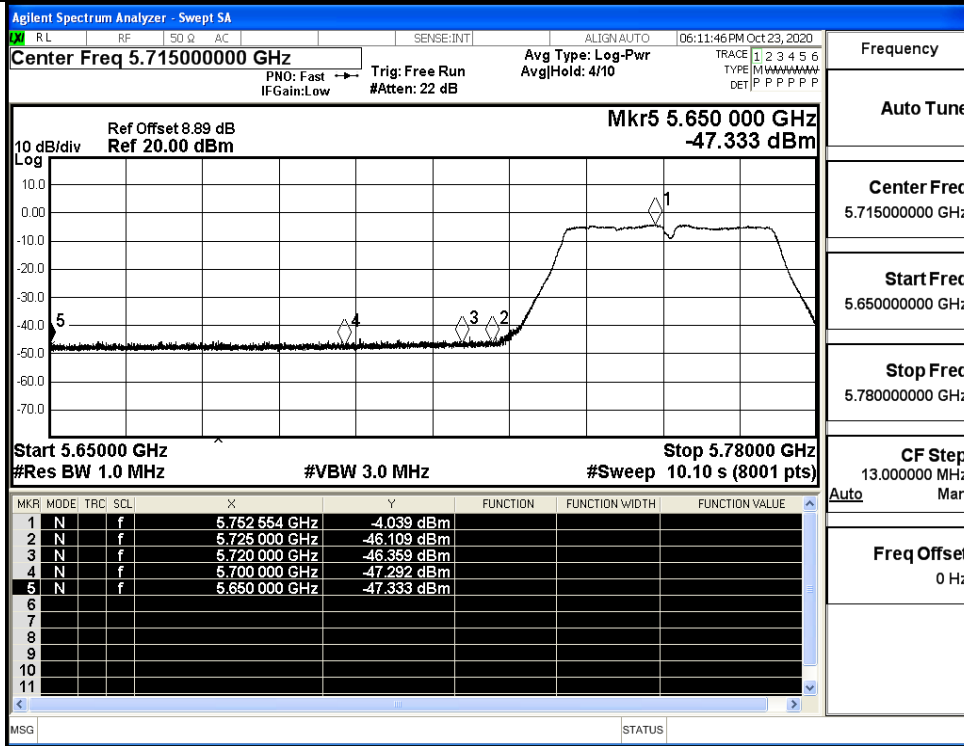
IEEE 802.11ac20 / Channel 149 / 5745MHz / Average



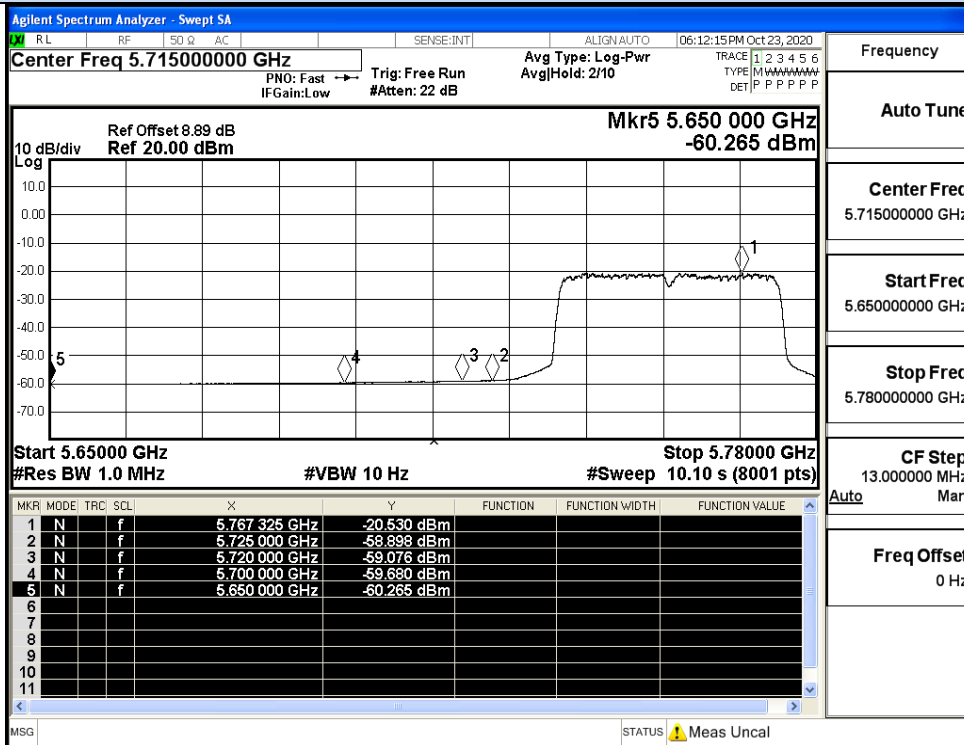
IEEE 802.11ac20 / Channel 165 / 5825MHz / Peak



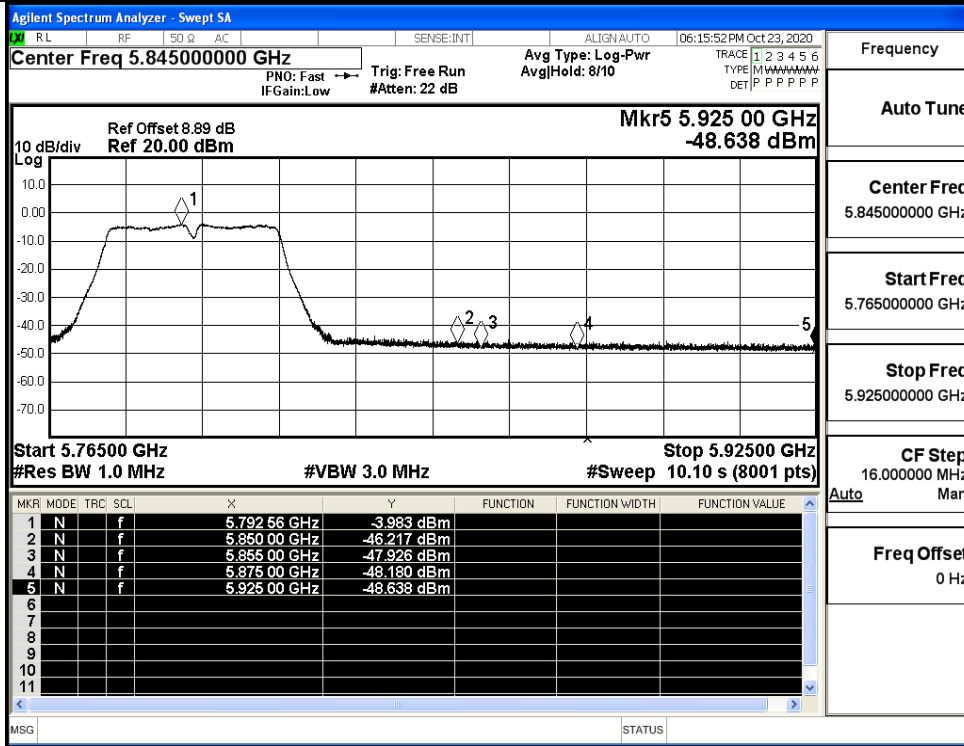
IEEE 802.11ac20 / Channel 165 / 5825MHz / Average



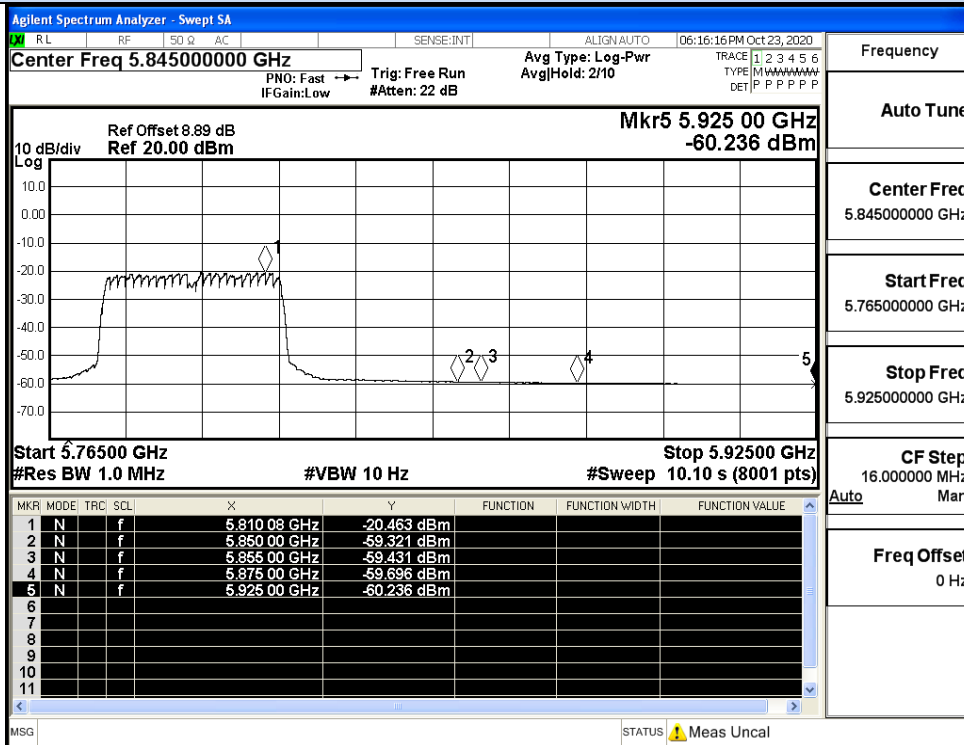
IEEE 802.11ac40 / Channel 151 / 5755MHz / Peak



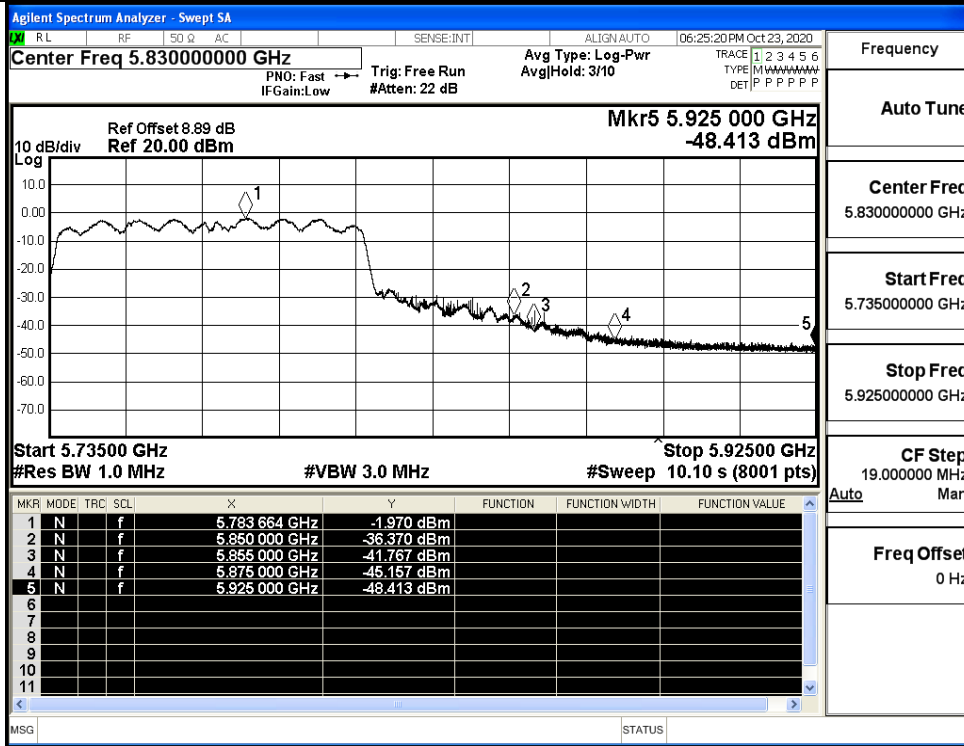
IEEE 802.11ac40 / Channel 151 / 5755MHz / Average



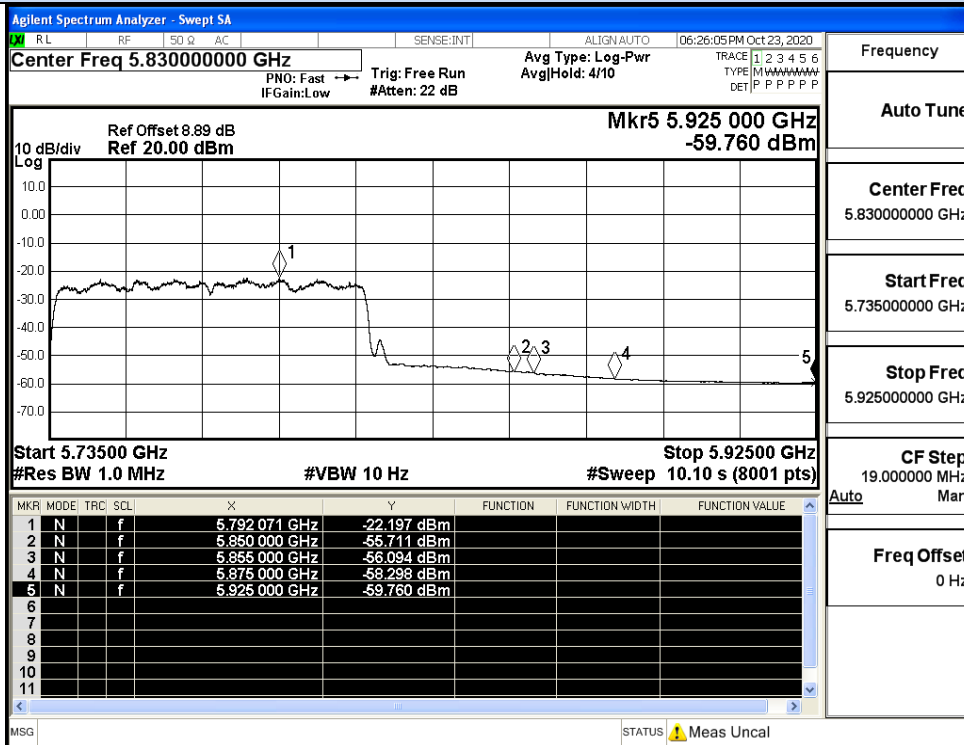
IEEE 802.11ac40 / Channel 159 / 5795MHz / Peak



IEEE 802.11ac40 / Channel 159 / 5795MHz / Average

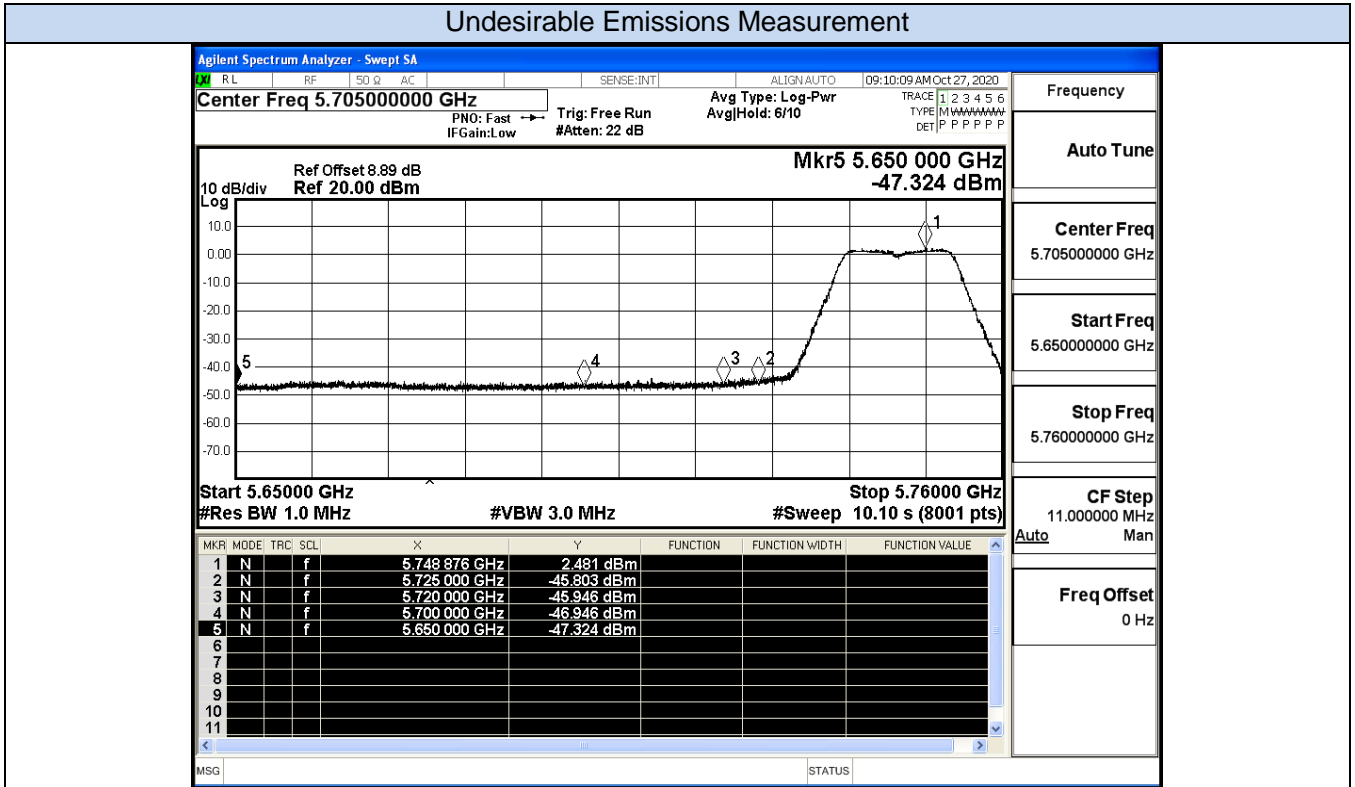


IEEE 802.11ac80 / Channel 155 / 5775MHz / Peak

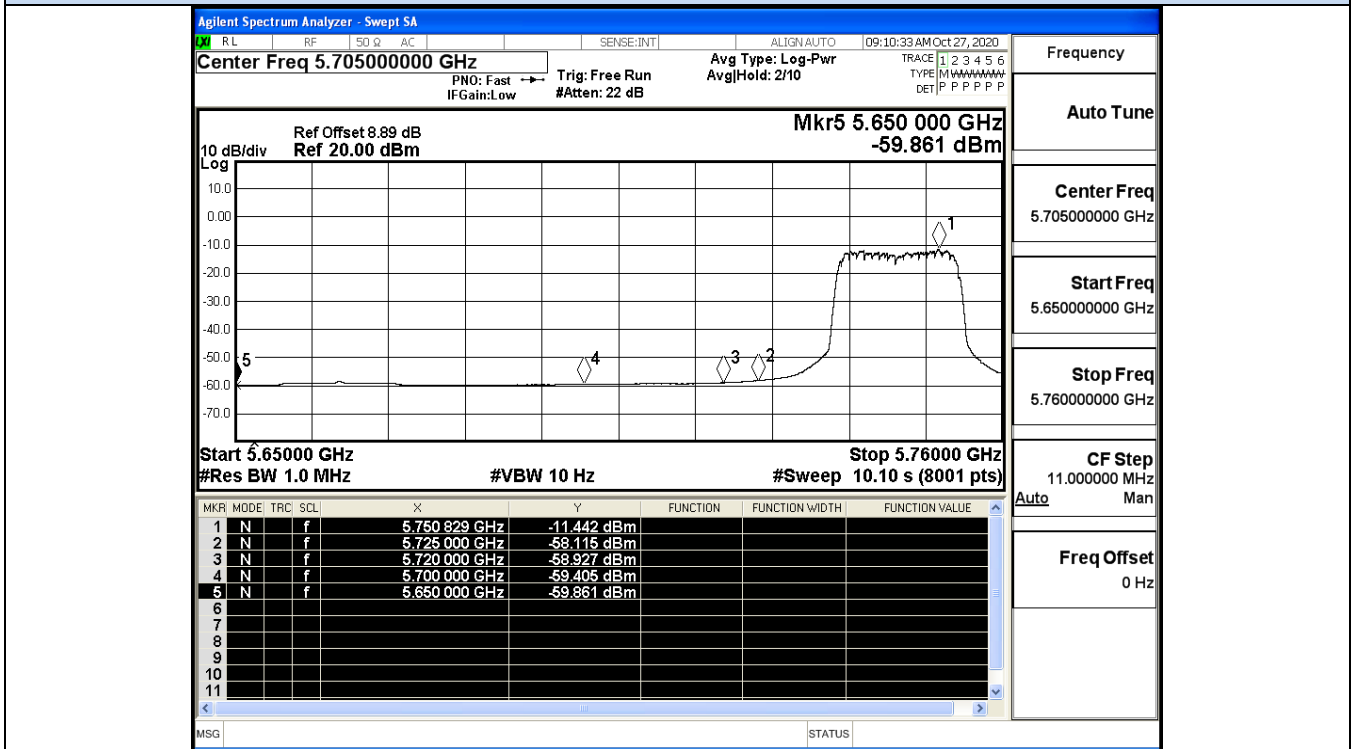


IEEE 802.11ac80 / Channel 155 / 5775MHz / Average

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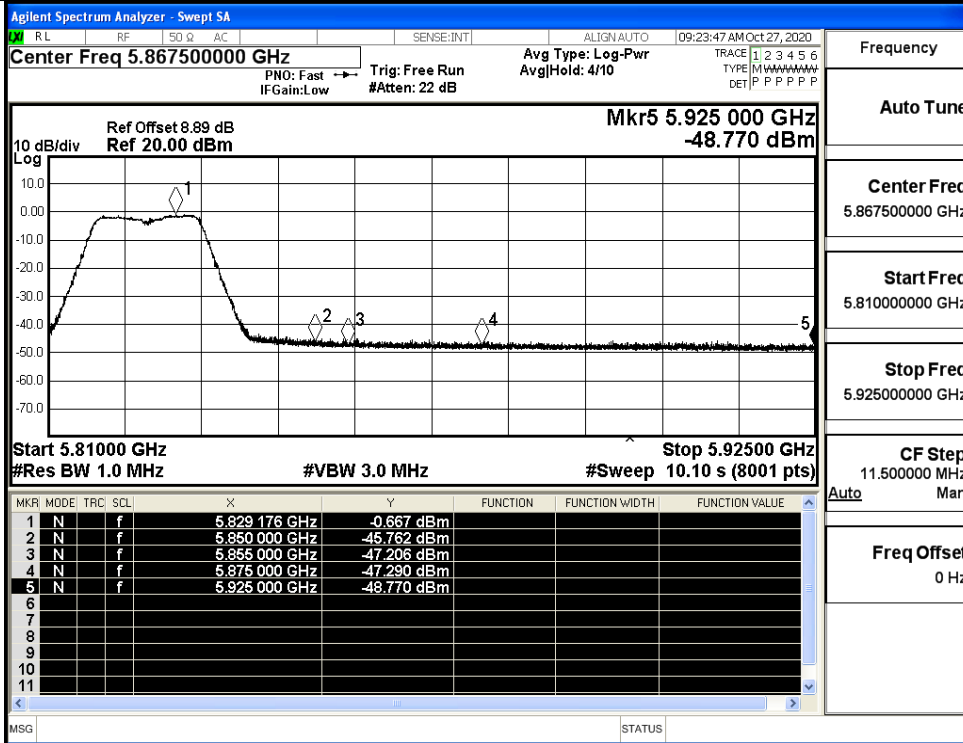


IEEE 802.11a / Channel 149 / 5745MHz / Peak

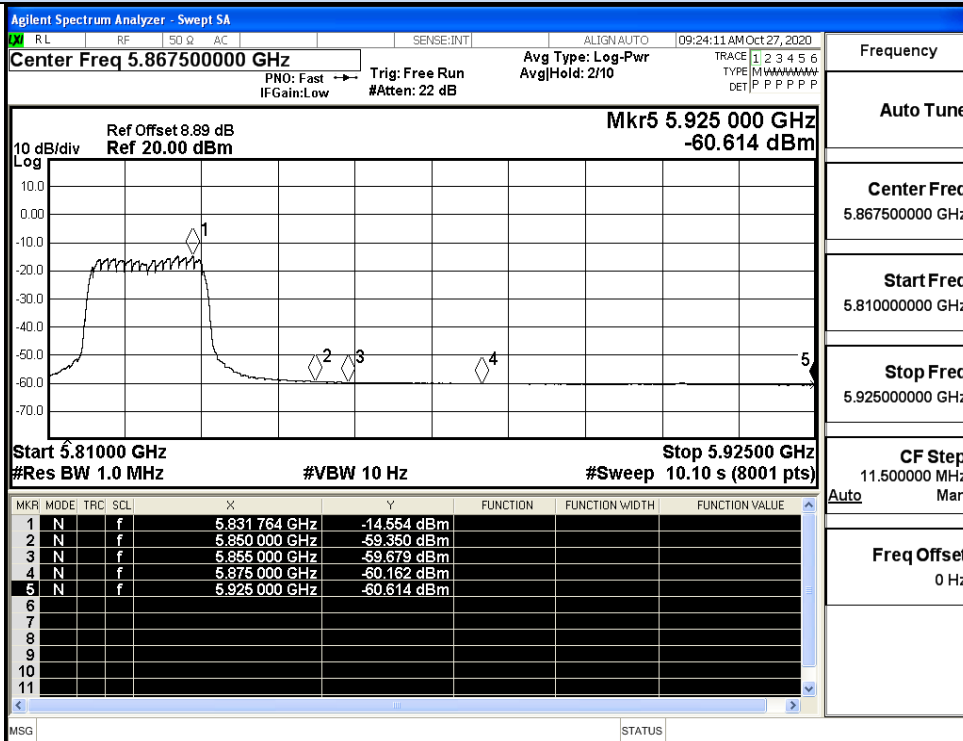


IEEE 802.11a / Channel 148 / 5745MHz / Average

Undesirable Emissions Measurement

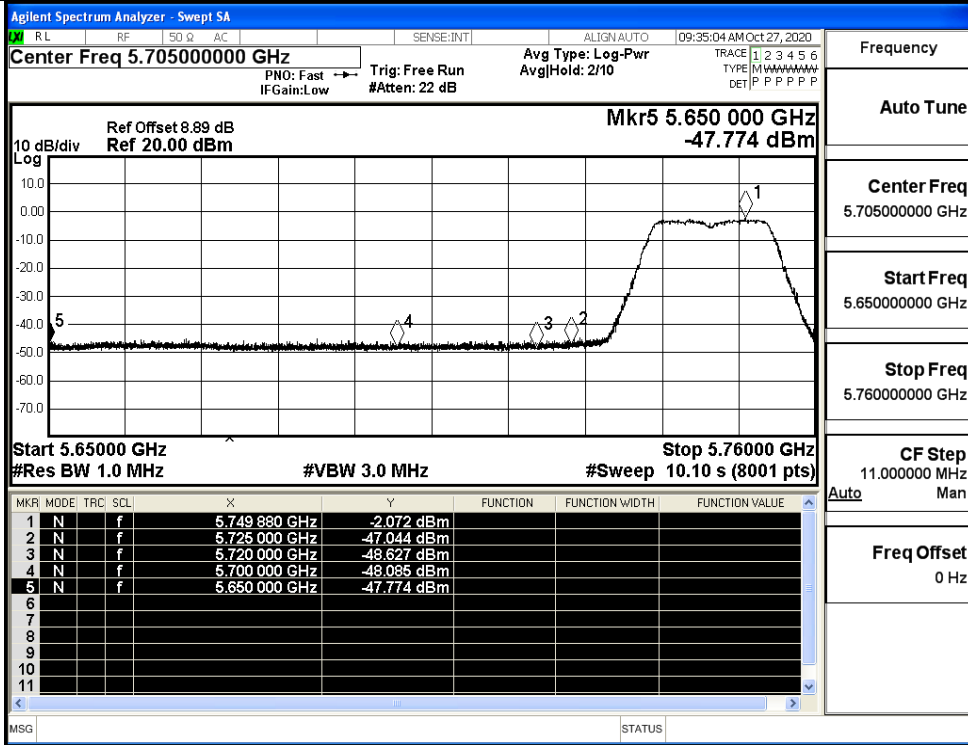


IEEE 802.11a / Channel 165 / 5825MHz / Peak

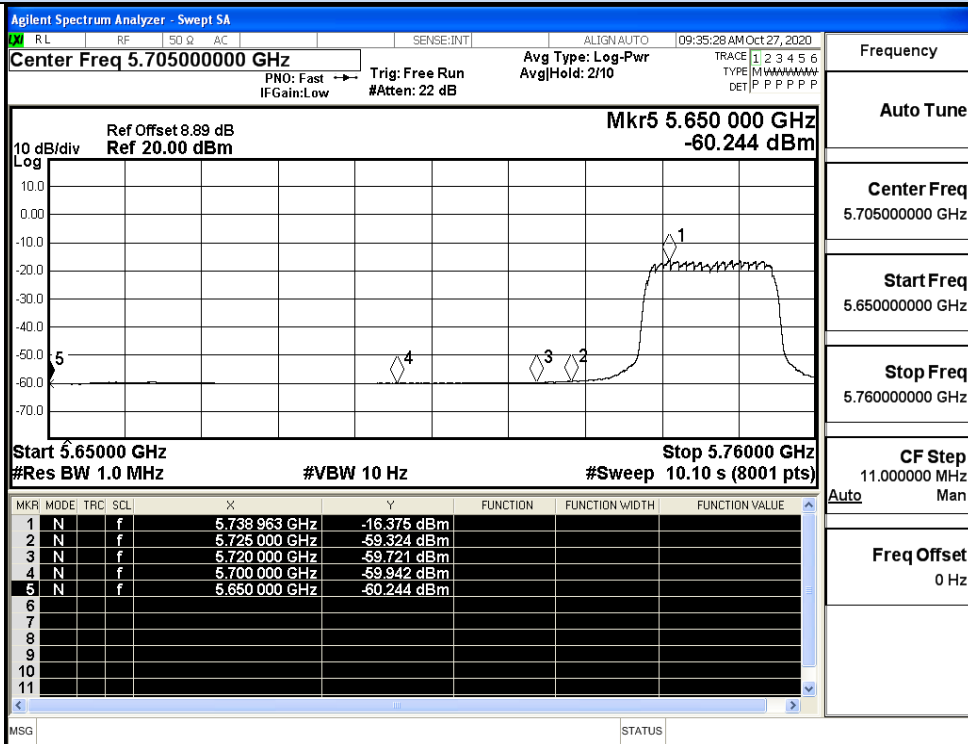


IEEE 802.11a / Channel 165 / 5825MHz / Average

Undesirable Emissions Measurement

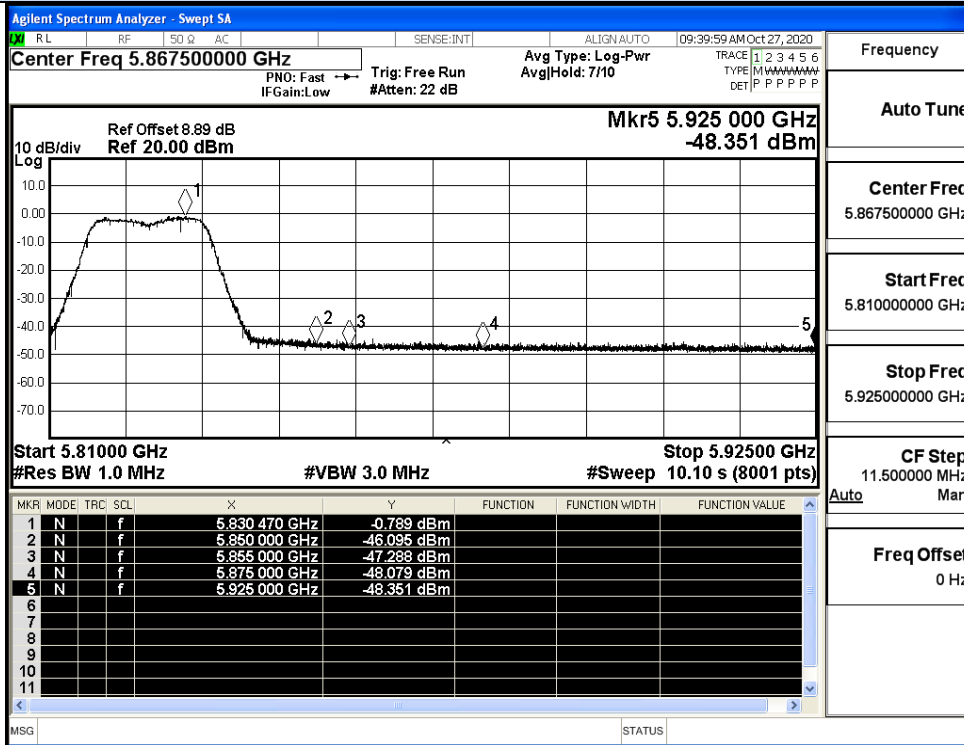


IEEE 802.11n20 / Channel 149 / 5745MHz / Peak

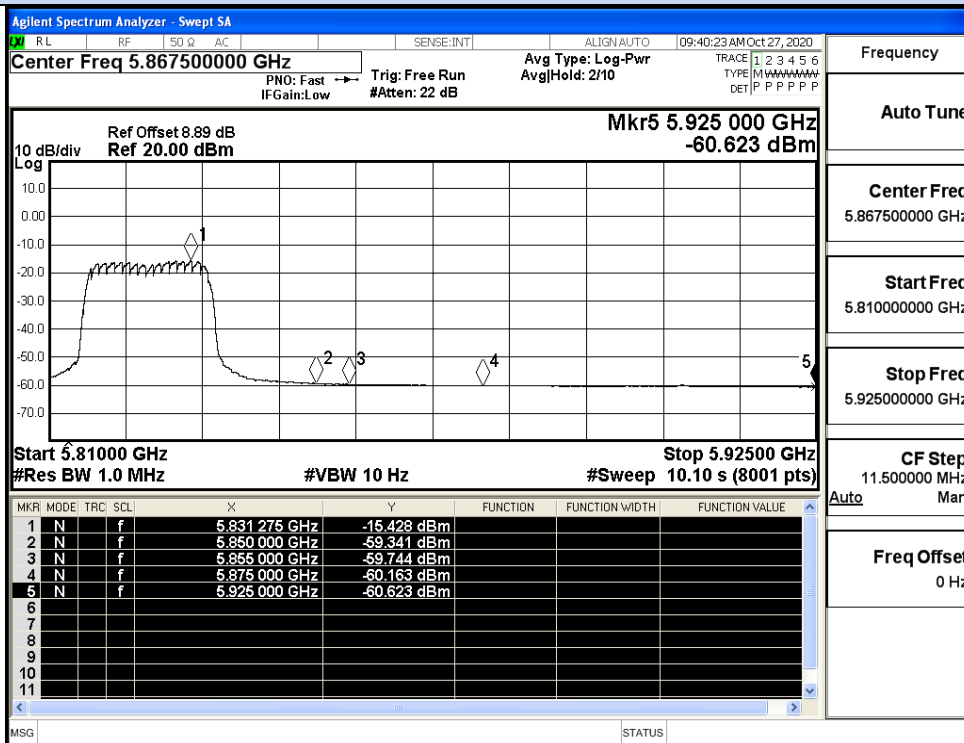


IEEE 802.11n20 / Channel 149 / 5745MHz / Average

Undesirable Emissions Measurement

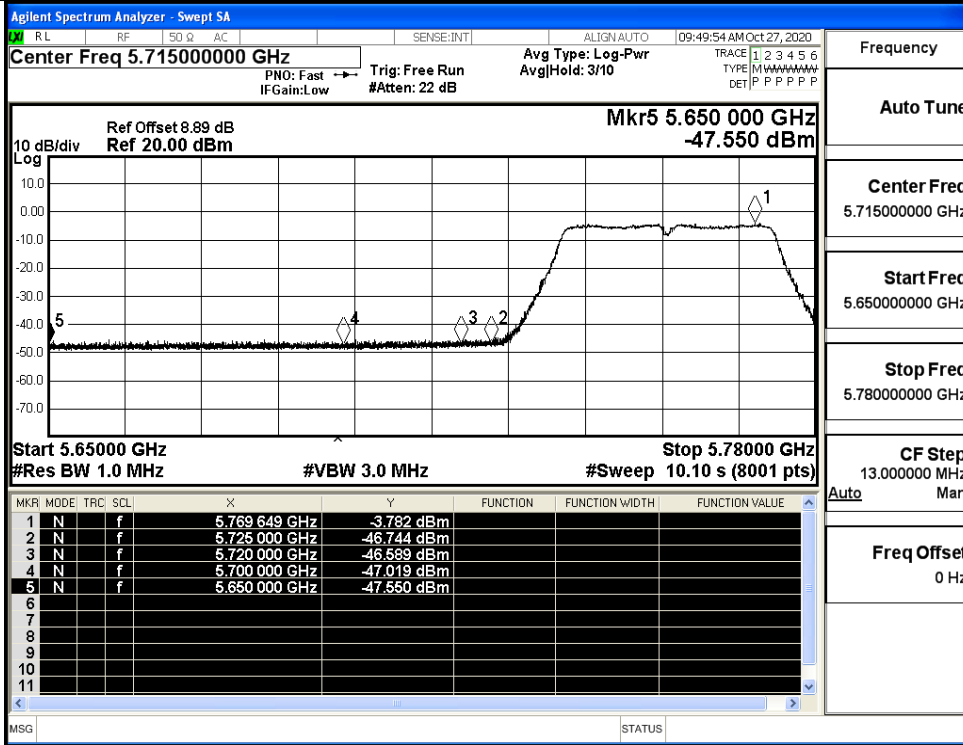


IEEE 802.11n20 / Channel 165 / 5825MHz / Peak

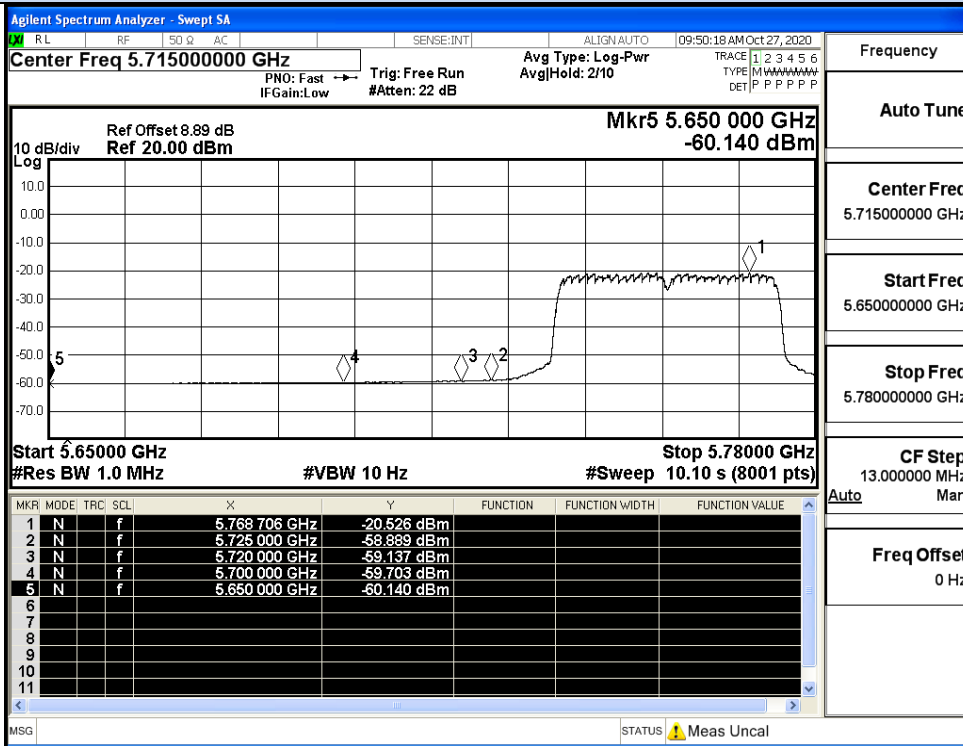


IEEE 802.11n20 / Channel 165 / 5825MHz / Average

Undesirable Emissions Measurement

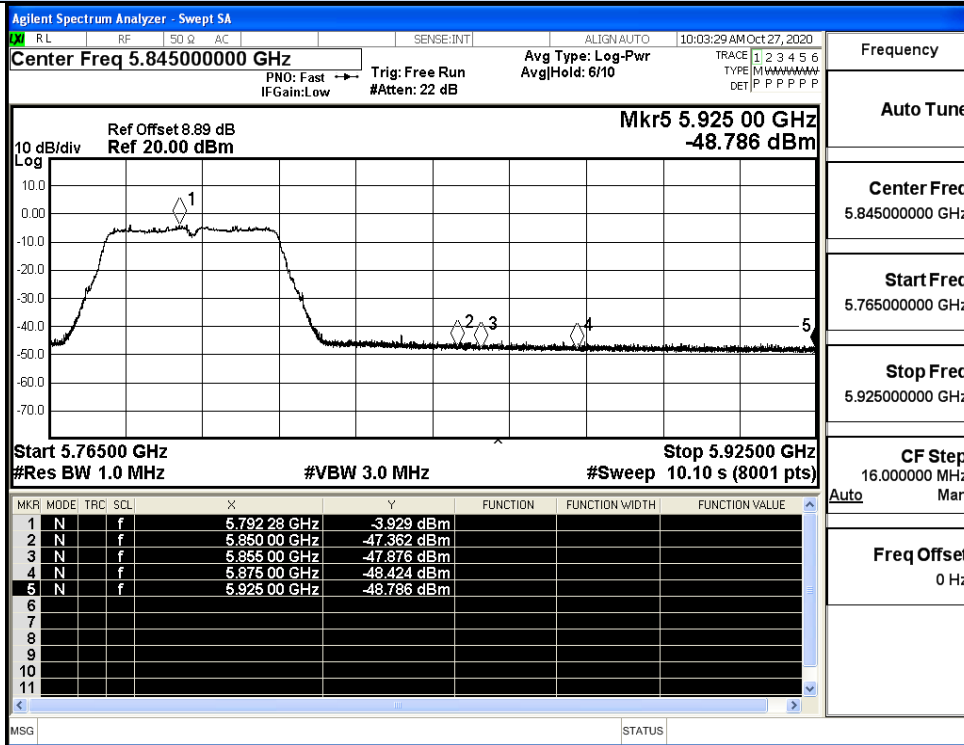


IEEE 802.11n40 / Channel 151 / 5755MHz / Peak

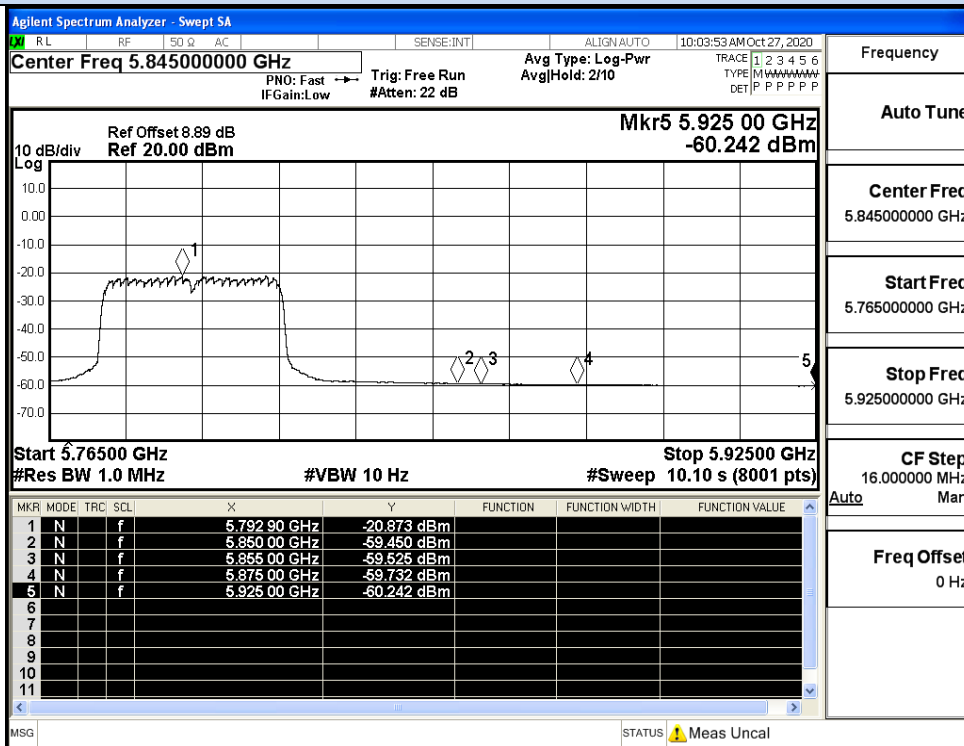


IEEE 802.11n40 / Channel 151 / 5755MHz / Average

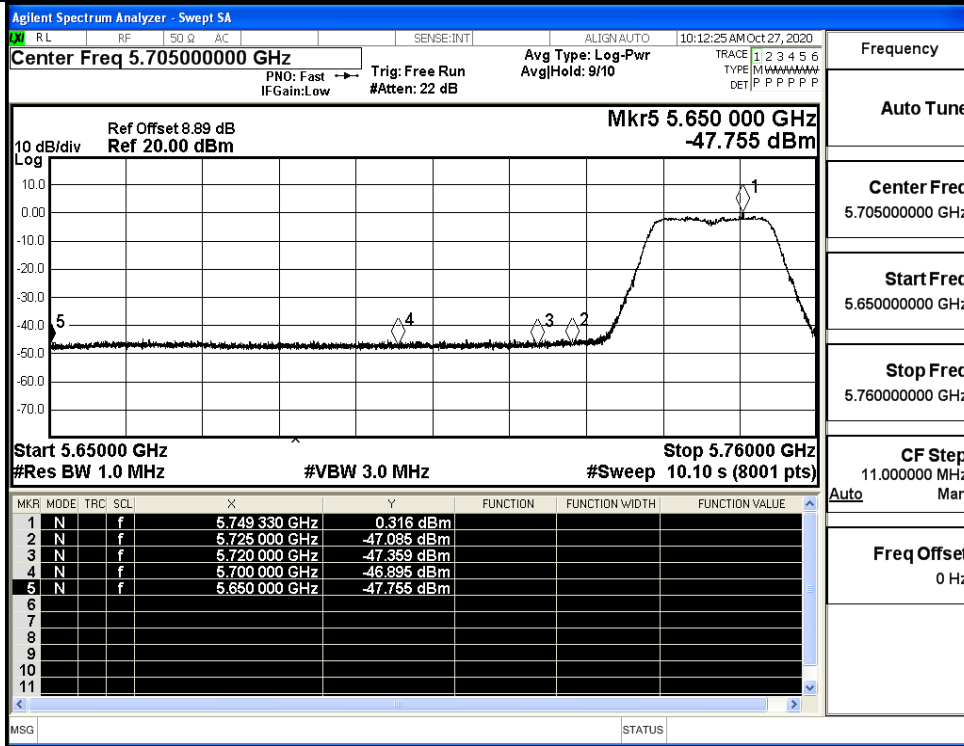
Undesirable Emissions Measurement



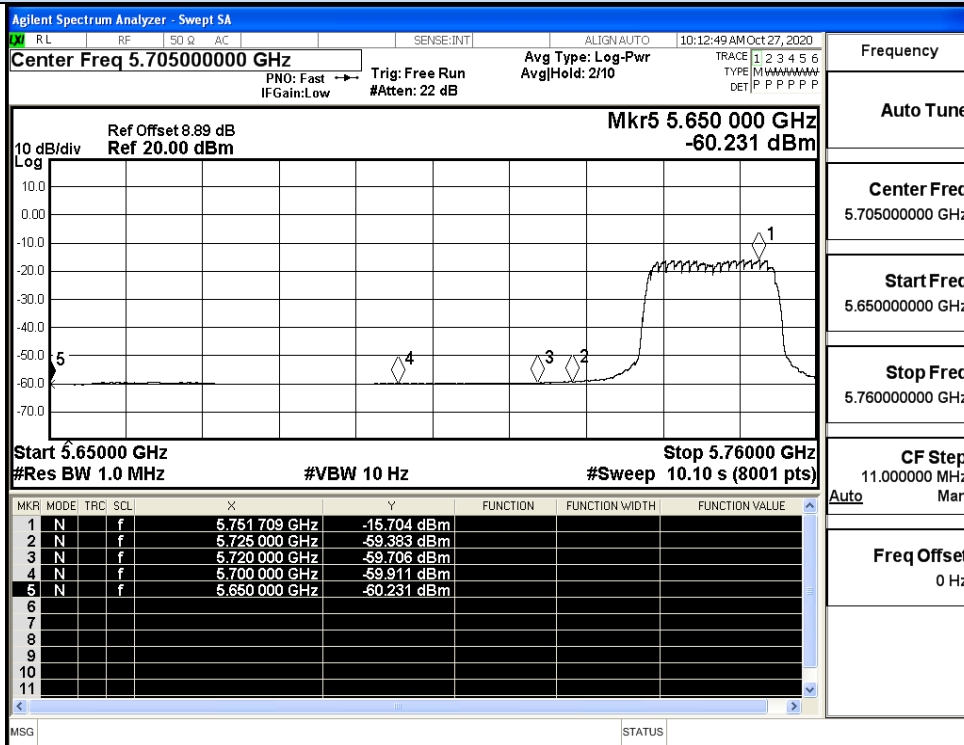
IEEE 802.11n40 / Channel 159 / 5795MHz / Peak



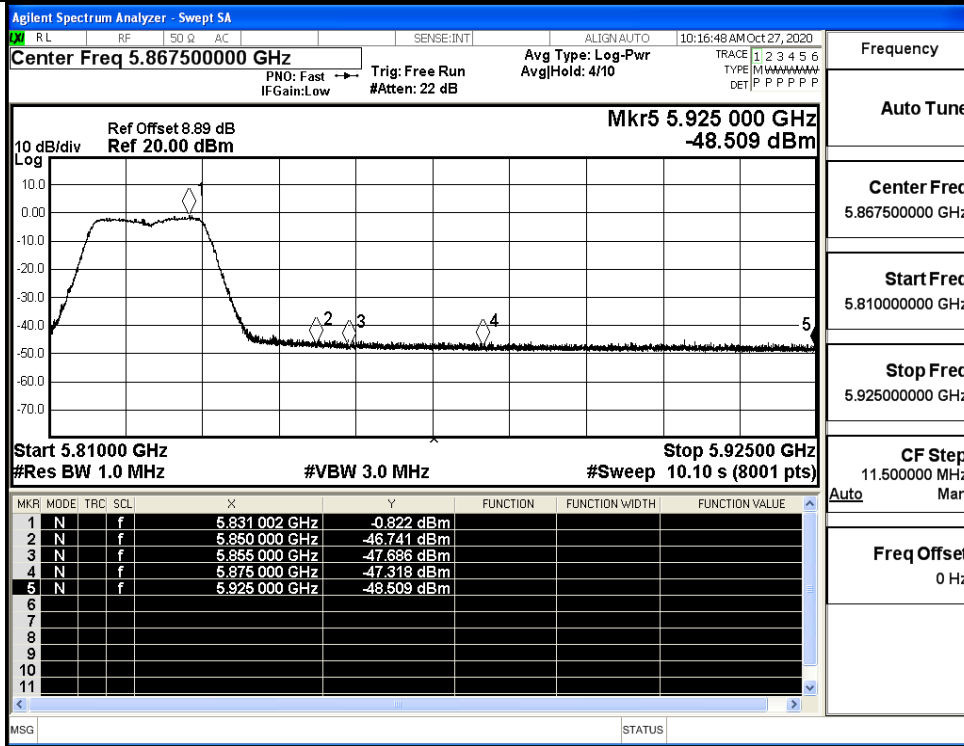
IEEE 802.11n40 / Channel 159 / 5795MHz / Average



IEEE 802.11ac20 / Channel 149 / 5745MHz / Peak

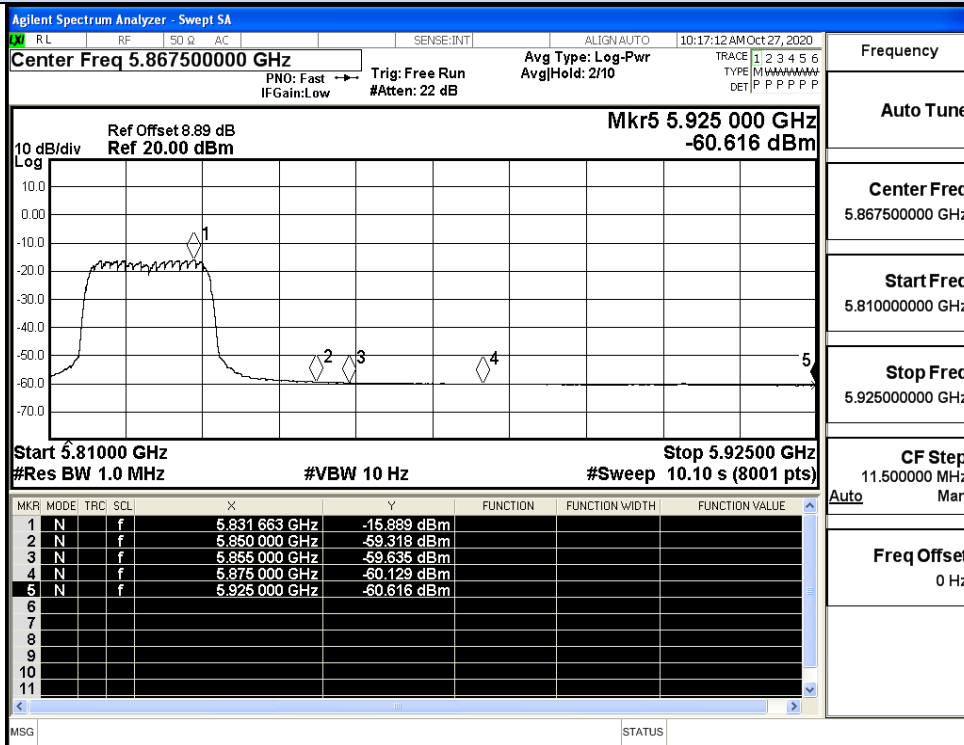


IEEE 802.11ac20 / Channel 149 / 5745MHz / Average



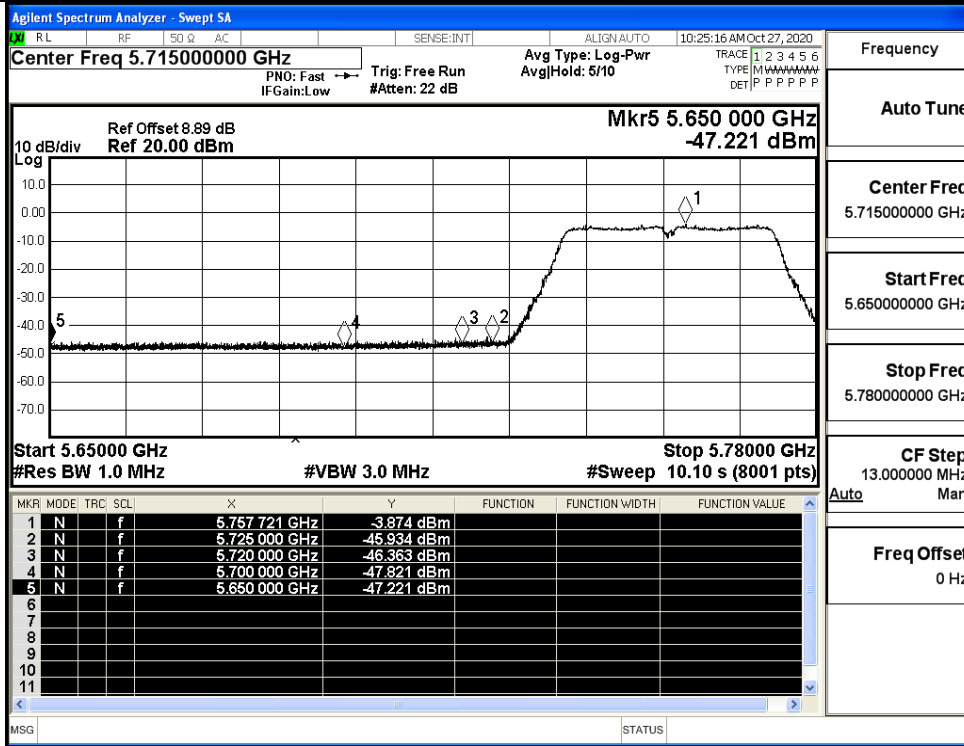
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Auto Tune	
Center Freq	5.867500000 GHz
Start Freq	5.810000000 GHz
Stop Freq	5.925000000 GHz
CF Step	11.500000 MHz
Auto	Man
Freq Offset	0 Hz

IEEE 802.11ac20 / Channel 165 / 5825MHz / Peak



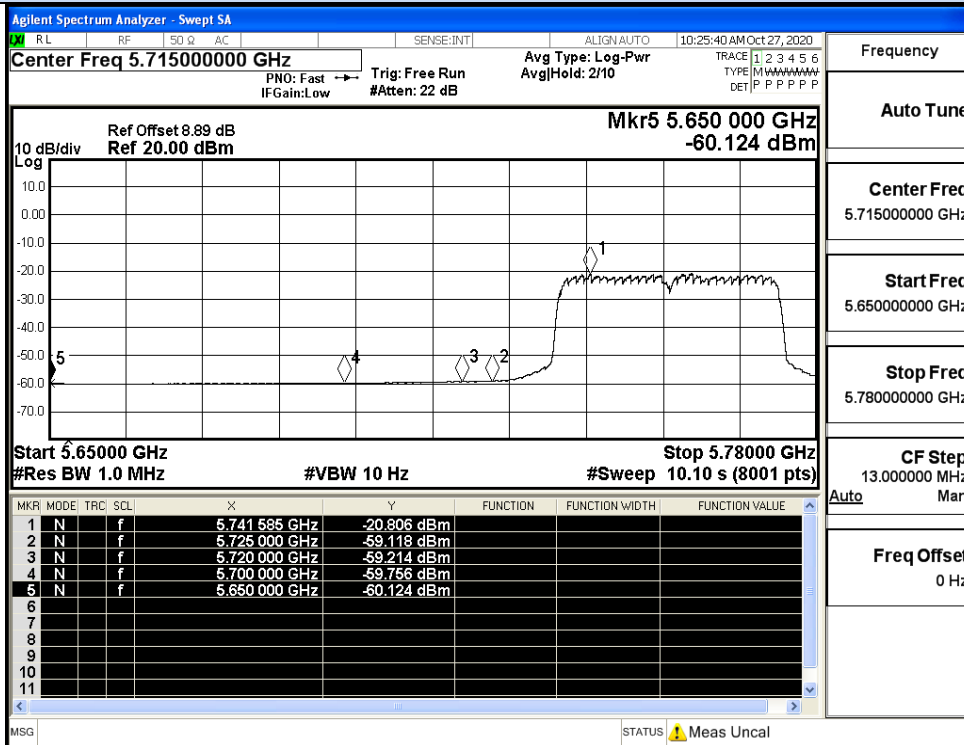
Frequency	5.867500000 GHz
Auto Tune	
Center Freq	5.867500000 GHz
Start Freq	5.810000000 GHz
Stop Freq	5.925000000 GHz
CF Step	11.500000 MHz
Auto	Man
Freq Offset	0 Hz

IEEE 802.11ac20 / Channel 165 / 5825MHz / Average



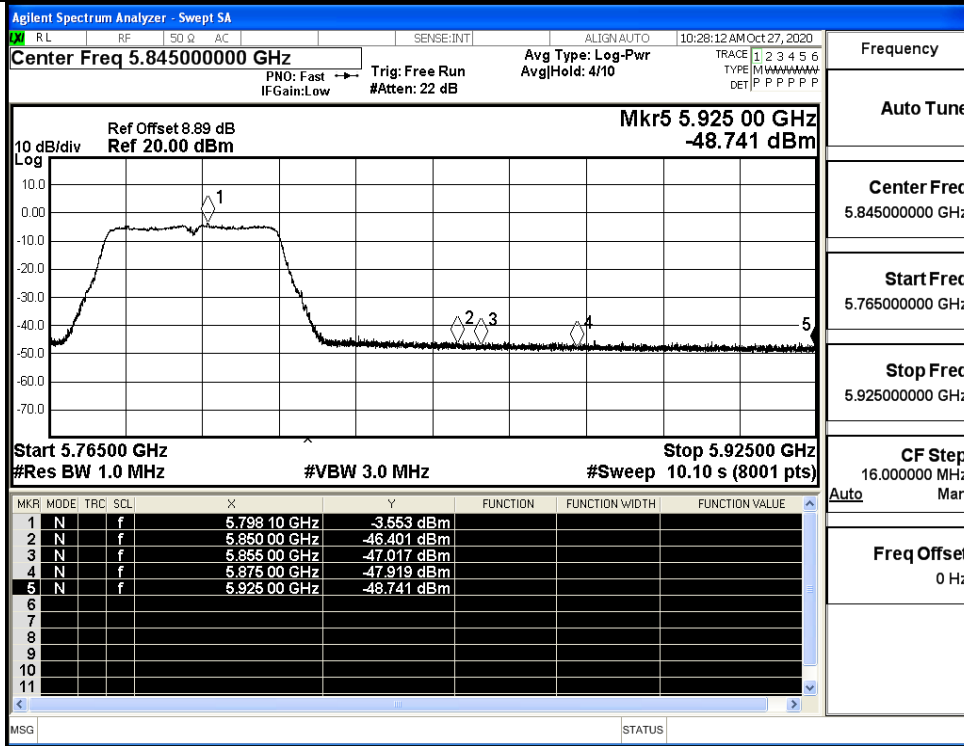
Frequency	5.715000000 GHz
Auto Tune	
Center Freq	5.715000000 GHz
Start Freq	5.650000000 GHz
Stop Freq	5.780000000 GHz
CF Step	13.000000 MHz
Auto	Man
Freq Offset	0 Hz

IEEE 802.11ac40 / Channel 151 / 5755MHz / Peak

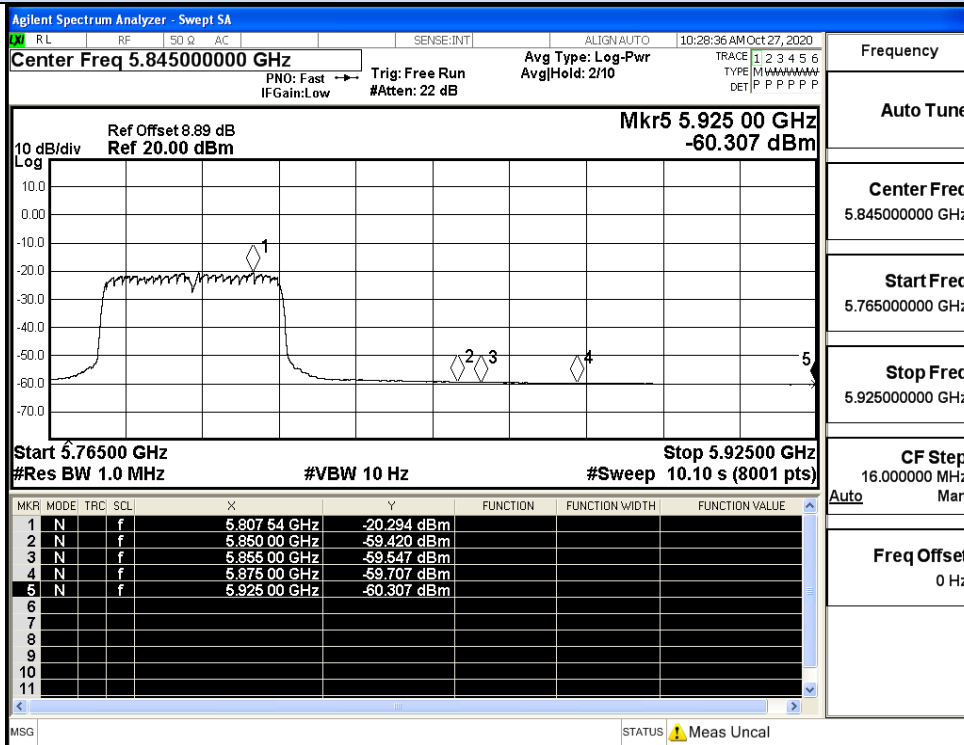


Frequency	5.715000000 GHz
Auto Tune	
Center Freq	5.715000000 GHz
Start Freq	5.650000000 GHz
Stop Freq	5.780000000 GHz
CF Step	13.000000 MHz
Auto	Man
Freq Offset	0 Hz

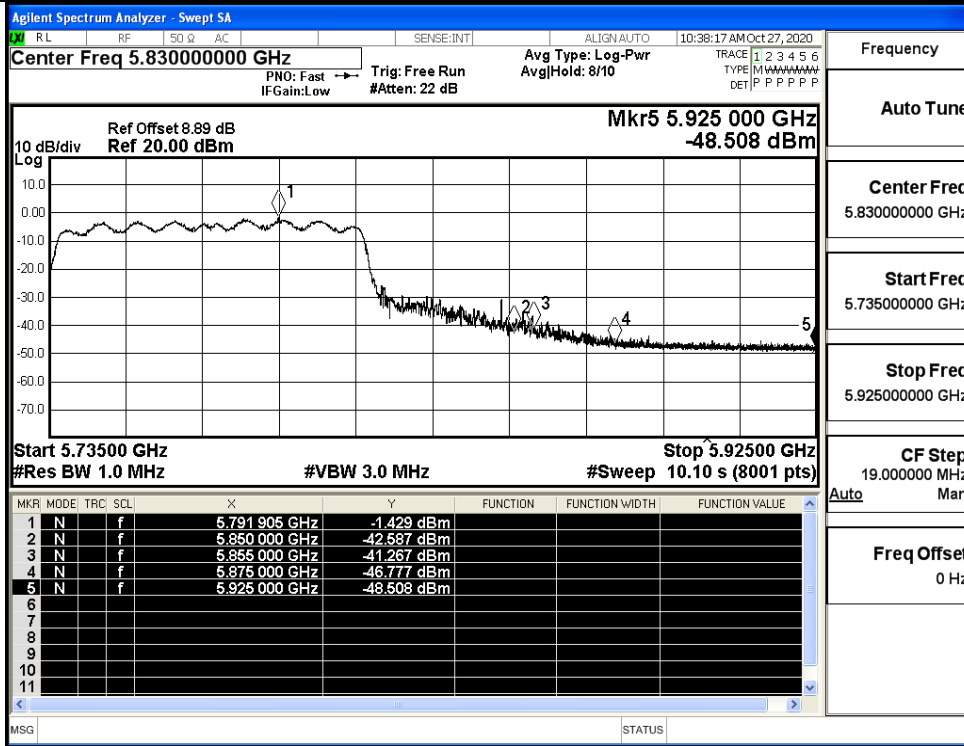
IEEE 802.11ac40 / Channel 151 / 5755MHz / Average



IEEE 802.11ac40 / Channel 159 / 5795MHz / Peak

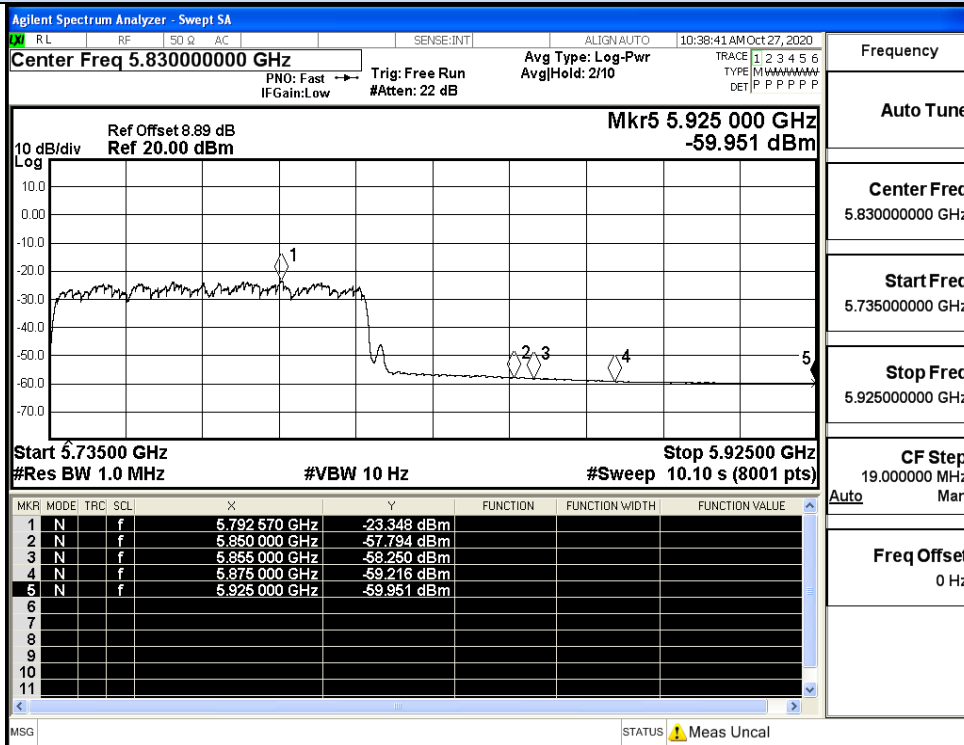


IEEE 802.11ac40 / Channel 159 / 5795MHz / Average



Frequency	5.830000000 GHz
Auto Tune	
Center Freq	5.830000000 GHz
Start Freq	5.735000000 GHz
Stop Freq	5.925000000 GHz
CF Step	19.000000 MHz
Auto	Man
Freq Offset	0 Hz

IEEE 802.11ac80 / Channel 155 / 5775MHz / Peak



Frequency	5.830000000 GHz
Auto Tune	
Center Freq	5.830000000 GHz
Start Freq	5.735000000 GHz
Stop Freq	5.925000000 GHz
CF Step	19.000000 MHz
Auto	Man
Freq Offset	0 Hz

IEEE 802.11ac80 / Channel 155 / 5775MHz / Average