Appendix C

RF Test Data for 5.8G WLAN (Conducted Measurement)

Product Name: Wireless network card
Trade Mark: DIEWU
Test Model: TXA069

Environmental Conditions

Temperature:	23.4°C
Relative Humidity:	53.7%
ATM Pressure:	100.0 kPa
Test Engineer:	DiamonC.Lu
Supervised by:	Li Huan

C.1 Duty Cycle

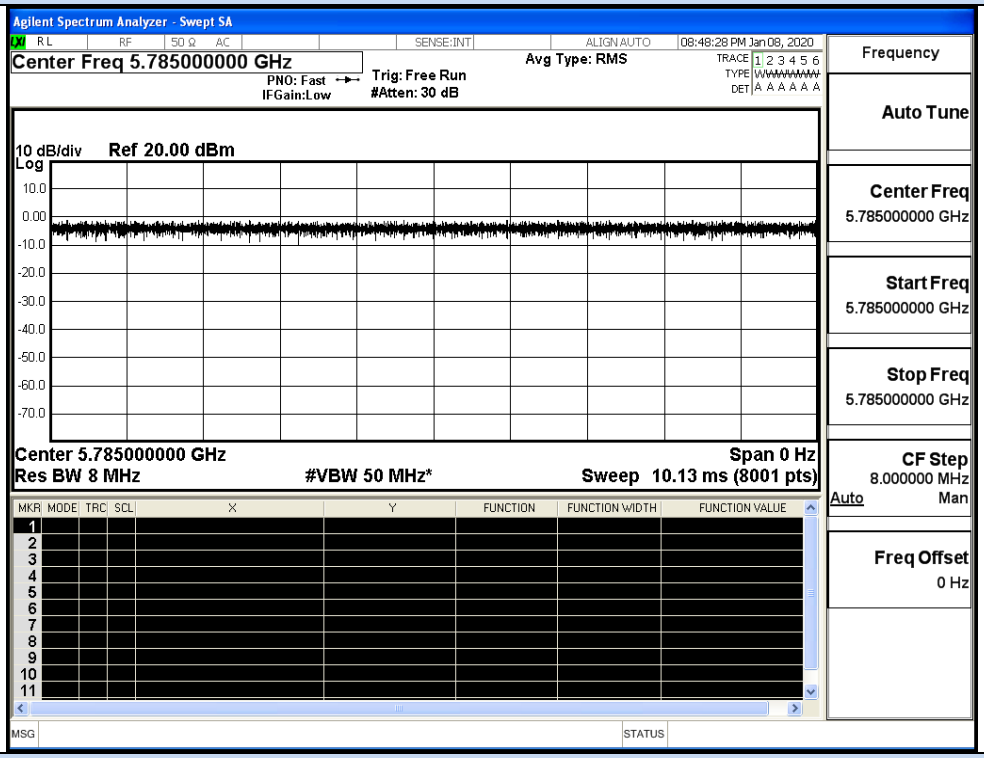
Ant_0

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	5785	100	0.00	0.01
11N40	5755	100	0.00	0.01
11AC20	5785	100	0.00	0.01
11AC40	5755	100	0.00	0.01
11AC80	5775	100	0.00	0.01

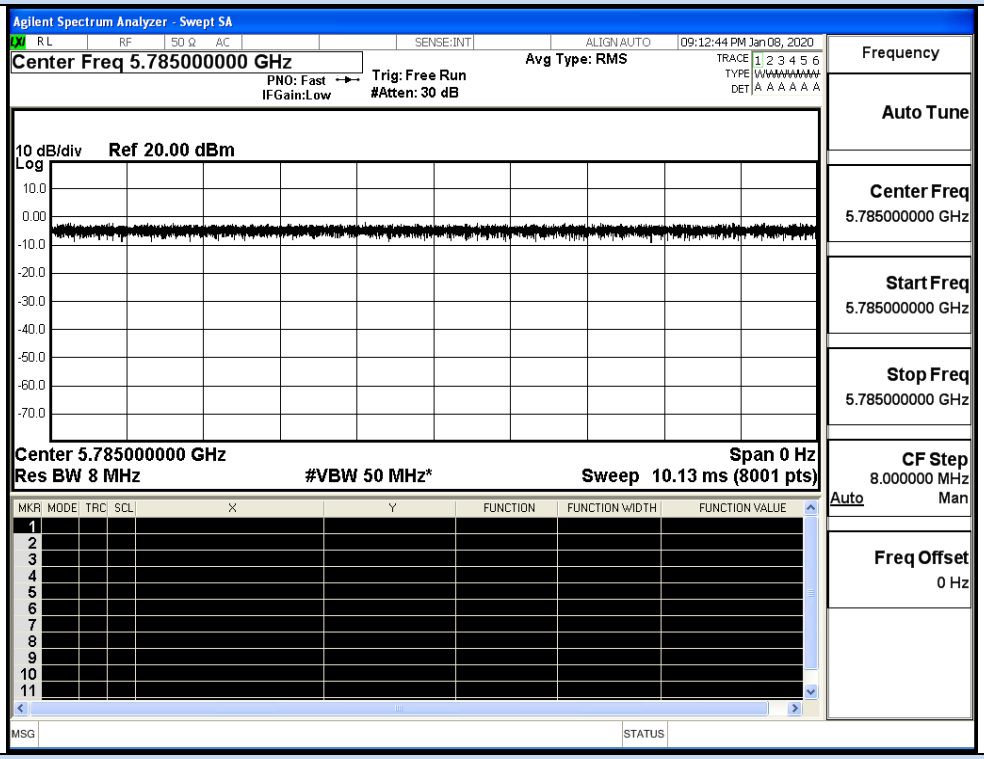
Ant_1

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	5785	100	0.00	0.01
11N40	5755	100	0.00	0.01
11AC20	5785	100	0.00	0.01
11AC40	5755	100	0.00	0.01
11AC80	5775	100	0.00	0.01

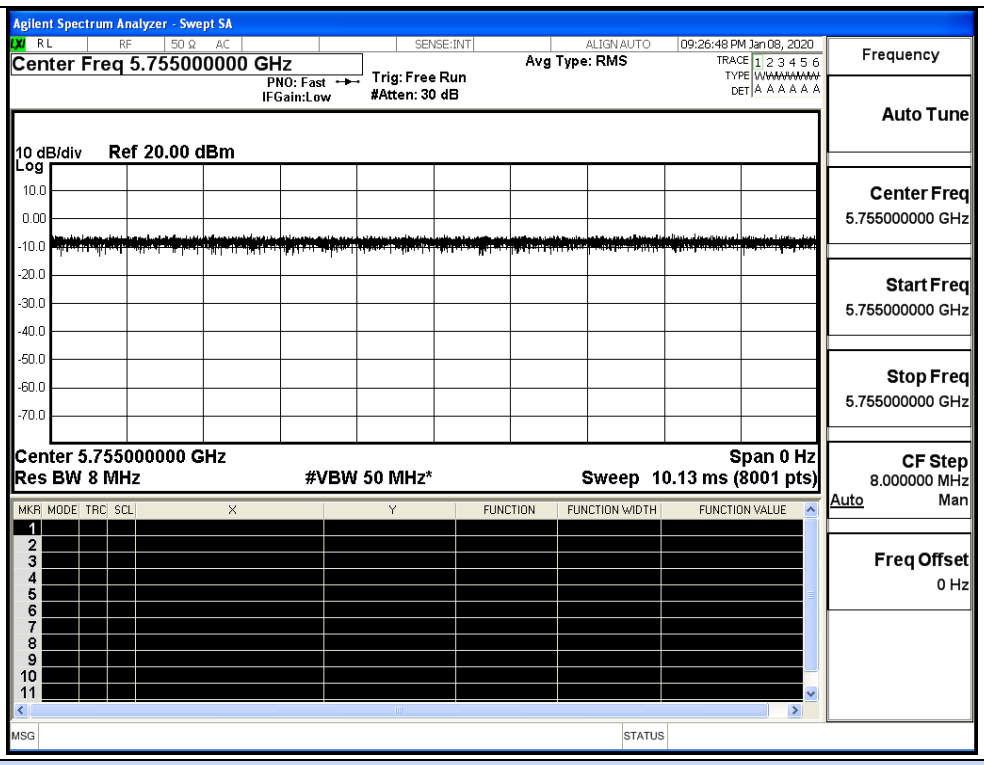
On Time and Duty Cycle_Ant_0



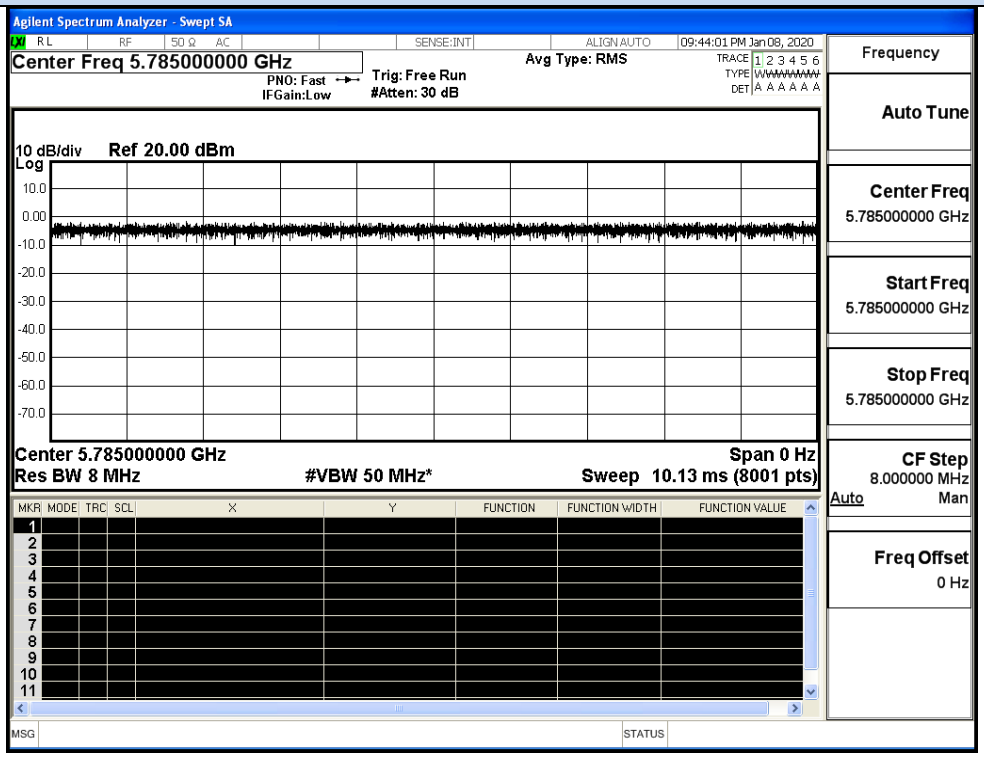
IEEE 802.11a_Ant_0



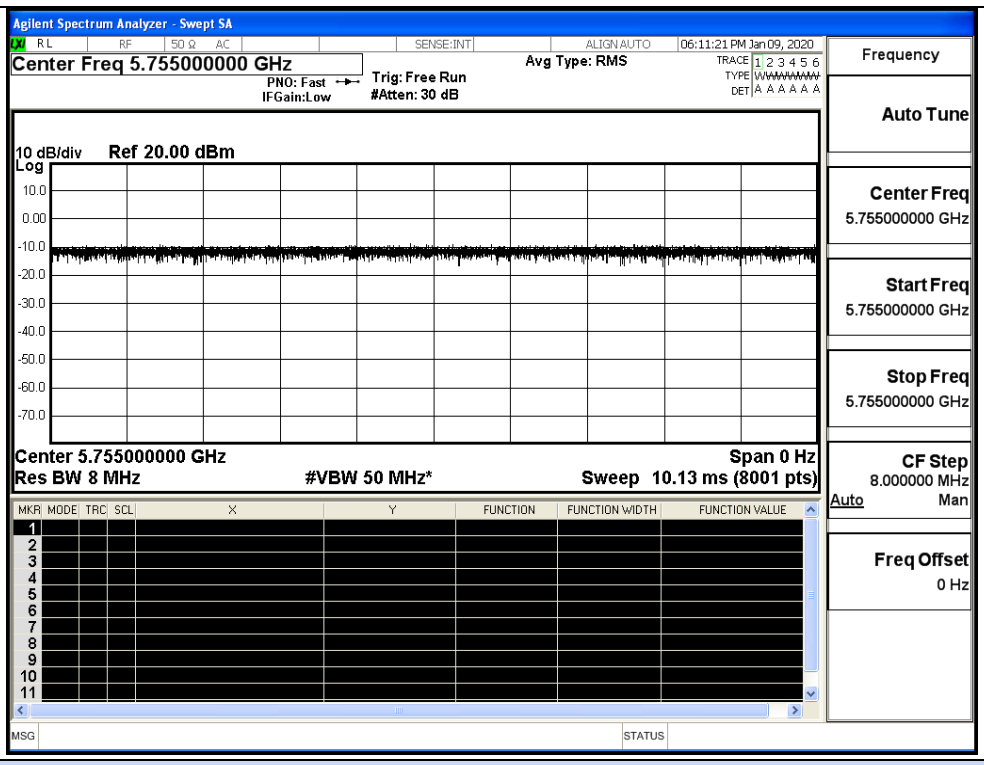
IEEE 802.11n HT20_Ant_0



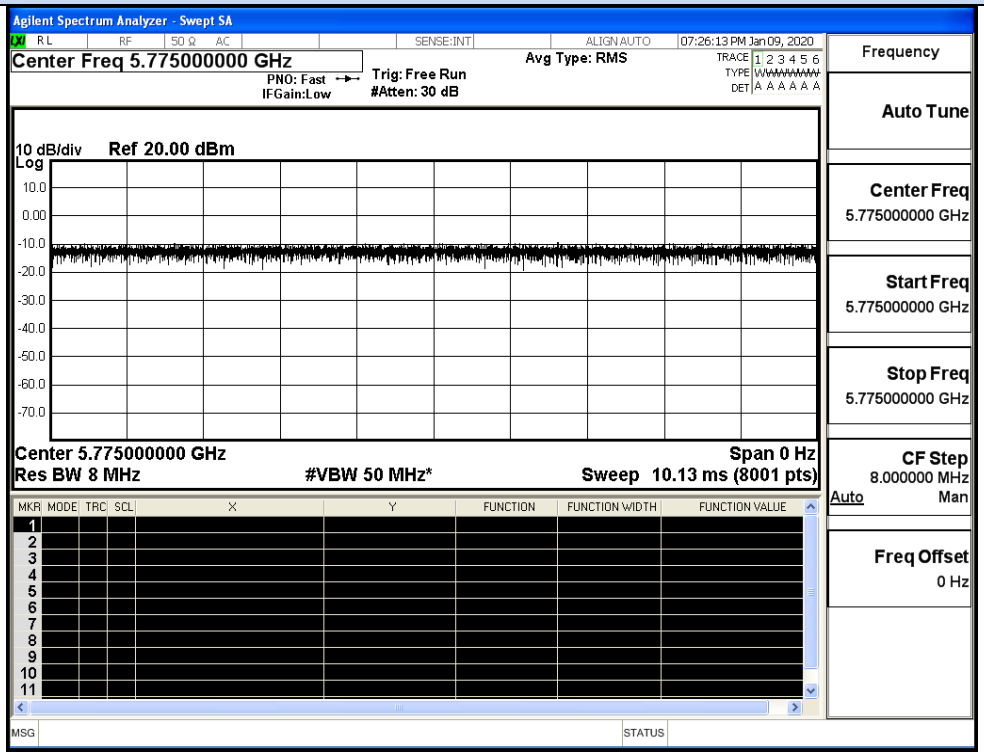
IEEE 802.11n HT40



IEEE 802.11AC20

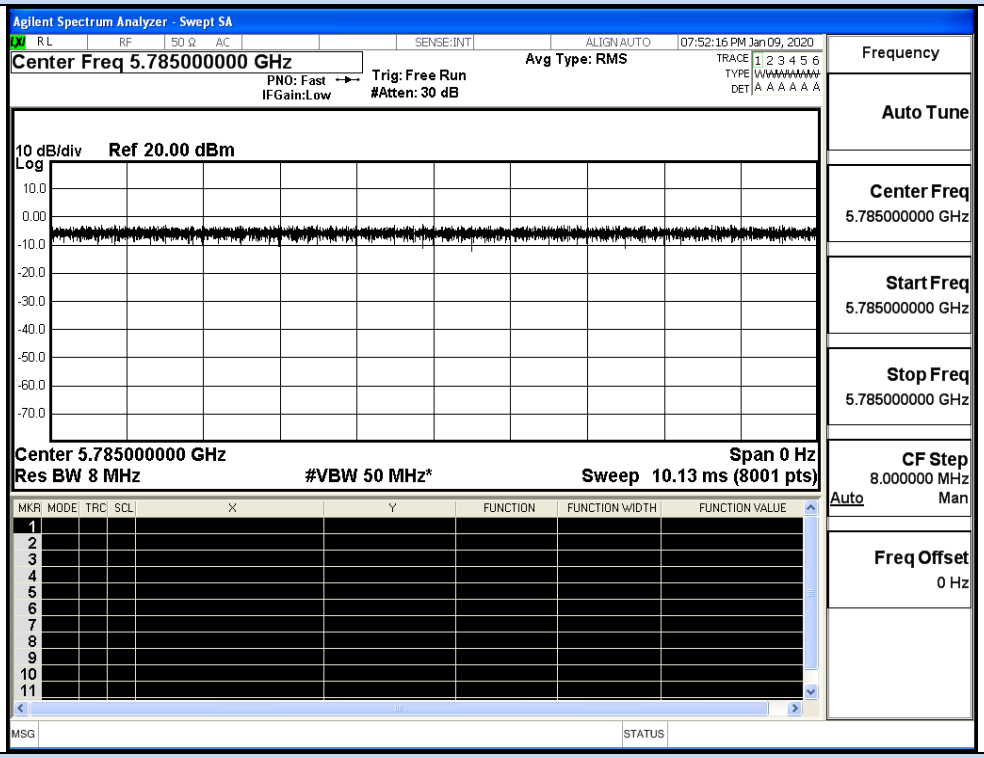


IEEE 802.11AC40

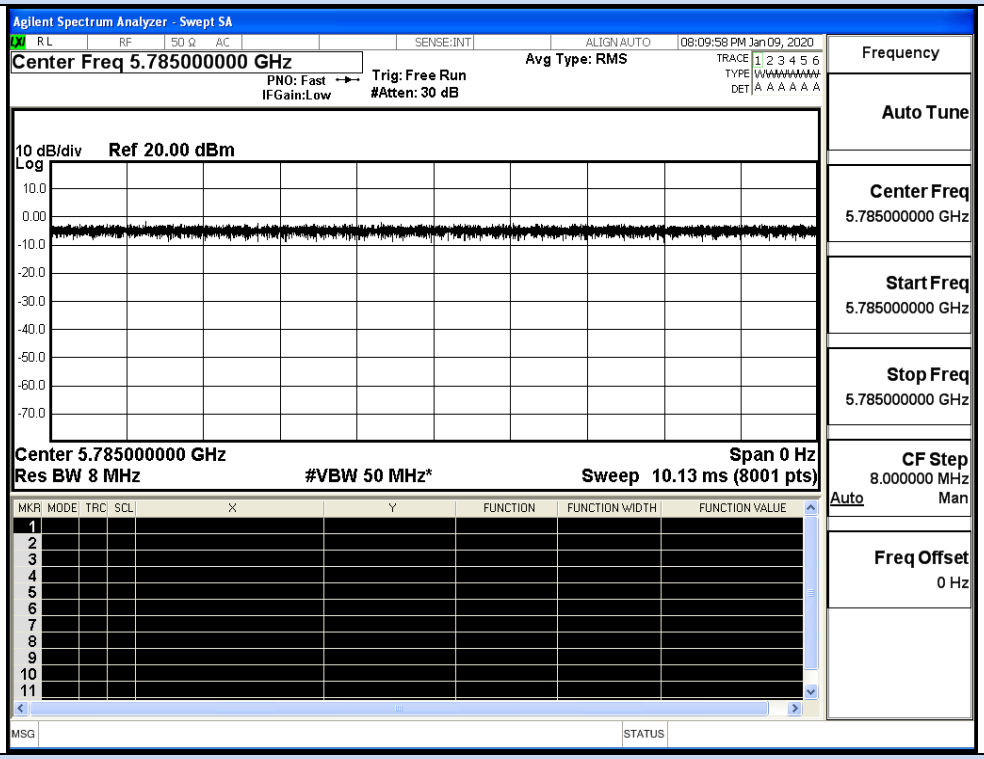


IEEE 802.11AC80

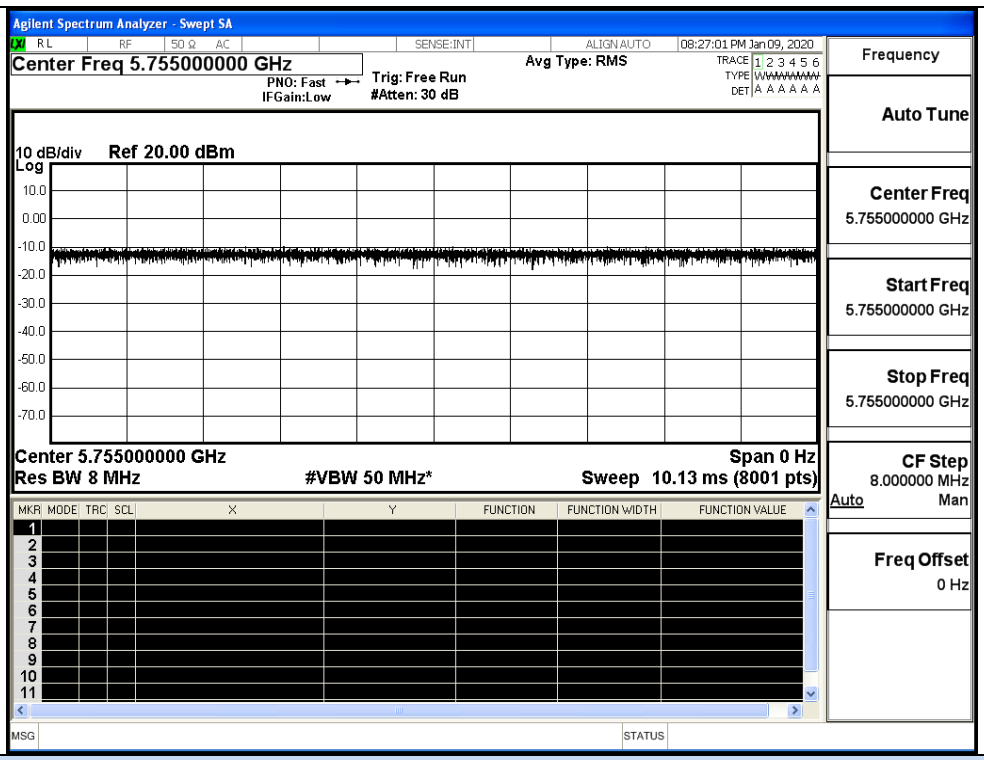
On Time and Duty Cycle_Ant_1



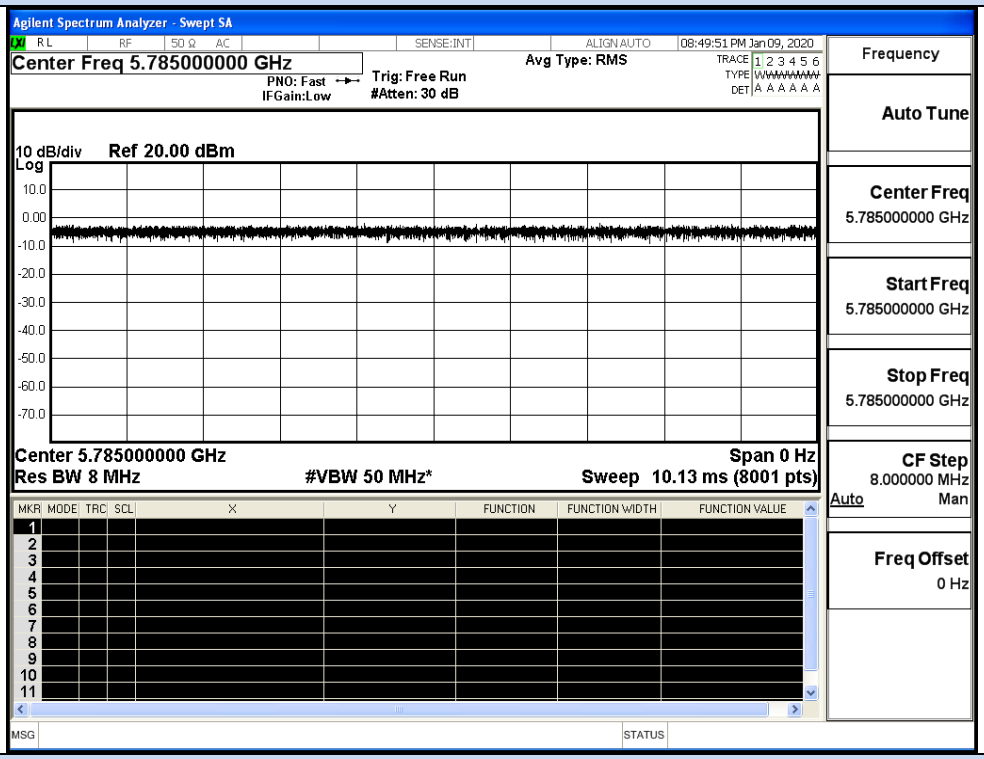
IEEE 802.11a



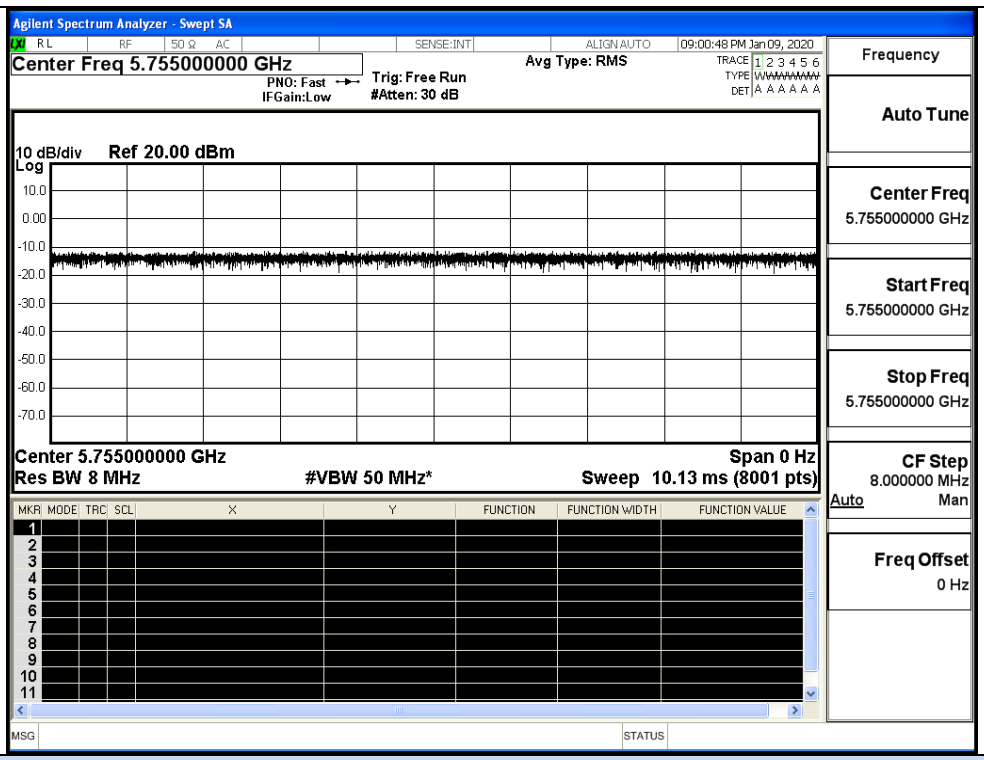
IEEE 802.11n HT20



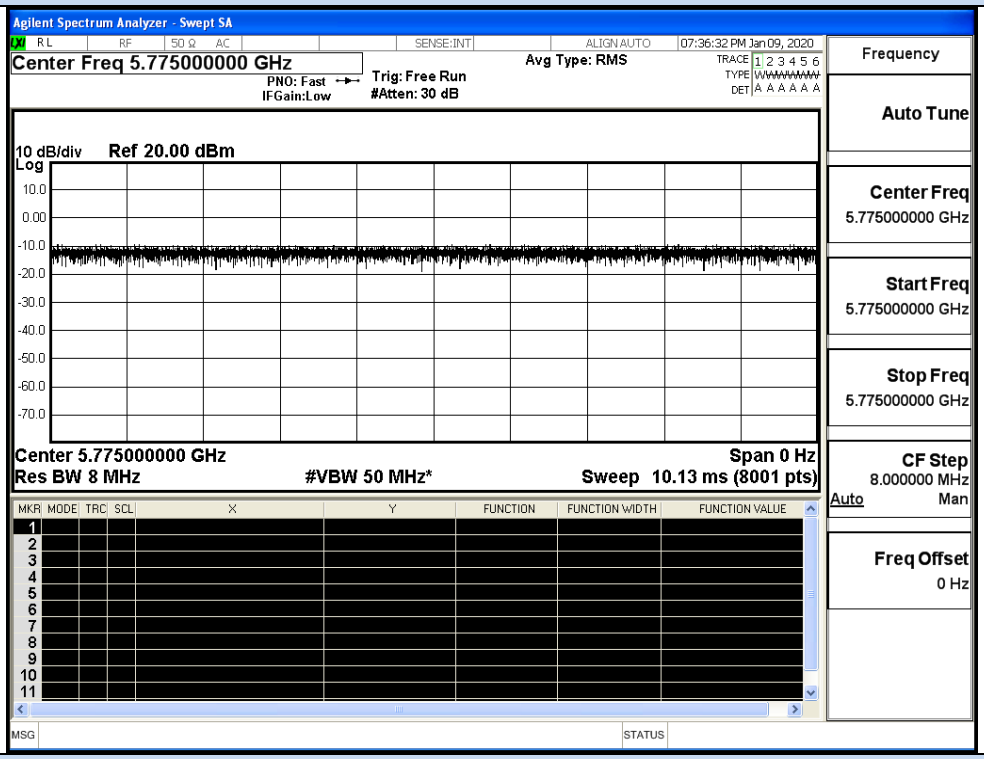
IEEE 802.11n HT40



IEEE 802.11AC20



IEEE 802.11AC40



IEEE 802.11AC80

C.2 Maximum Conduct Output Power

Ant_0

Test Mode	Channel	Frequency (MHz)	AVG Conducted Power (dBm)	Duty Cycle Factor(dB)	Report Conducted Power(dBm)	Limit (dBm)	Verdict
11A	149	5745	13.47	0	13.47	30	Pass
	157	5785	13.41	0	13.41		Pass
	165	5825	13.97	0	13.97		Pass
11N20	149	5745	13.19	0	13.19	30	Pass
	157	5785	12.52	0	12.52		Pass
	165	5825	13.62	0	13.62		Pass
11N40	151	5755	12.13	0	12.13	30	Pass
	159	5795	13.04	0	13.04		Pass
11AC20	149	5745	10.09	0	10.09	30	Pass
	157	5785	10.49	0	10.49		Pass
	165	5825	10.9	0	10.9		Pass
11AC40	151	5755	10.36	0	10.36	30	Pass
	159	5795	10.08	0	10.08		Pass
11AC80	155	5775	11.46	0	11.46	30	Pass

Ant_1

Test Mode	Channel	Frequency (MHz)	AVG Conducted Power (dBm)	Duty Cycle Factor(dB)	Report Conducted Power(dBm)	Limit (dBm)	Verdict
11A	149	5745	10.97	0	10.97	30	Pass
	157	5785	11.55	0	11.55		Pass
	165	5825	11.91	0	11.91		Pass
11N20	149	5745	11.11	0	11.11	30	Pass
	157	5785	12.15	0	12.15		Pass
	165	5825	11.59	0	11.59		Pass
11N40	151	5755	11.16	0	11.16	30	Pass
	159	5795	11.71	0	11.71		Pass
11AC20	149	5745	10.61	0	10.61	30	Pass
	157	5785	10.87	0	10.87		Pass
	165	5825	11.26	0	11.26		Pass
11AC40	151	5755	10.44	0	10.44	30	Pass
	159	5795	10.14	0	10.14		Pass
11AC80	155	5775	11.75	0	11.75	30	Pass

Antenna 0+Antenna 1

Test Mode	Channel	Frequency (MHz)	Report Conducted Power(dBm)			Limit (dBm)	Verdict
			Ant_0	Ant_1	Sum		
11N20	149	5745	13.19	11.11	15.28	27.99	Pass
	157	5785	12.52	12.15	15.35		Pass
	165	5825	13.62	11.59	15.73		Pass
11N40	151	5755	12.13	11.16	14.68	27.99	Pass
	159	5795	13.04	11.71	15.44		Pass
11AC20	149	5745	10.09	10.61	13.37	27.99	Pass
	157	5785	10.49	10.87	13.69		Pass
	165	5825	10.9	11.26	14.09		Pass
11AC40	151	5755	10.36	10.44	13.41	27.99	Pass
	159	5795	10.08	10.14	13.12		Pass
11AC80	155	5775	11.46	11.75	14.62	27.99	Pass

C.3 Power Spectral Density

Ant_0

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	-1.74	0	2.218	0.48	30	Pass
	157	5785	-1.54	0	2.218	0.68		Pass
	165	5825	-1.08	0	2.218	1.14		Pass
11N20	149	5745	-1.82	0	2.218	0.40	30	Pass
	157	5785	-2.22	0	2.218	-0.01		Pass
	165	5825	-1.13	0	2.218	1.09		Pass
11N40	151	5755	-5.59	0	2.218	-3.37	30	Pass
	159	5795	-4.54	0	2.218	-2.32		Pass
11AC20	149	5745	-2.44	0	2.218	-0.22	30	Pass
	157	5785	-2.03	0	2.218	0.19		Pass
	165	5825	-3.41	0	2.218	-1.20		Pass
11AC40	151	5755	-6.86	0	2.218	-4.65	30	Pass
	159	5795	-4.88	0	2.218	-2.66		Pass
11AC80	155	5775	-8.04	0	2.218	-5.82	30	Pass

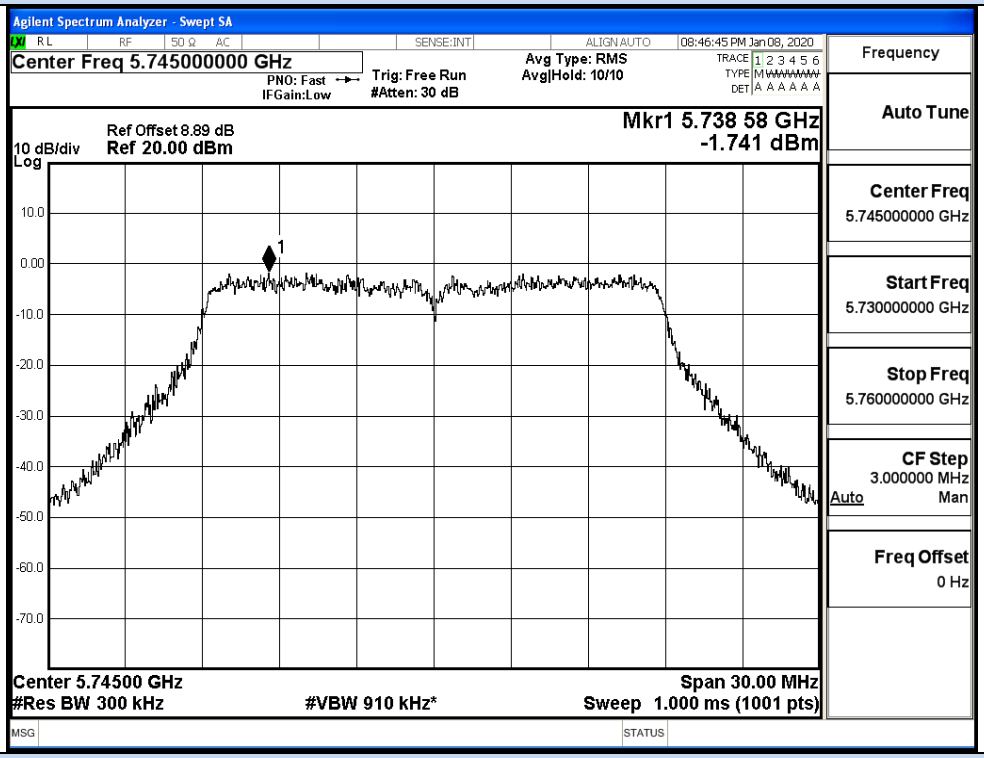
Ant_1

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	-5.73	0	2.218	-3.51	30	Pass
	157	5785	-2.86	0	2.218	-0.64		Pass
	165	5825	-3.05	0	2.218	-0.83		Pass
11N20	149	5745	-3.02	0	2.218	-0.80	30	Pass
	157	5785	-2.18	0	2.218	0.04		Pass
	165	5825	-2.85	0	2.218	-0.63		Pass
11N40	151	5755	-9.60	0	2.218	-7.38	30	Pass
	159	5795	-5.45	0	2.218	-3.23		Pass
11AC20	149	5745	-3.77	0	2.218	-1.55	30	Pass
	157	5785	-1.21	0	2.218	1.01		Pass
	165	5825	-2.81	0	2.218	-0.60		Pass
11AC40	151	5755	-10.63	0	2.218	-8.41	30	Pass
	159	5795	-6.05	0	2.218	-3.83		Pass
11AC80	155	5775	-7.83	0	2.218	-5.61	30	Pass

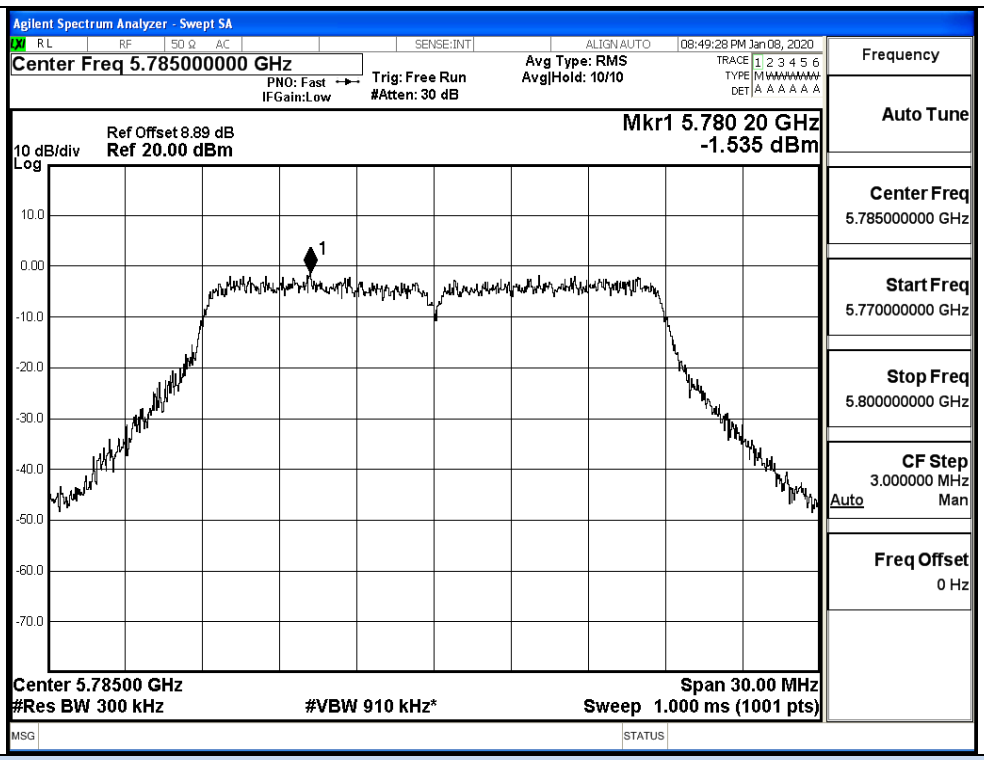
Combined Ant_0 and Ant_1

Test Mode	Channel	Frequency (MHz)	Report Power Density (dBm/500KHz)			Limit (dBm/500KHz)	Verdict
			Ant_0	Ant_1	Sum		
11N20	149	5745	0.40	-0.80	2.85	27.99	Pass
	157	5785	-0.01	0.04	3.03		Pass
	165	5825	1.09	-0.63	3.32		Pass
11N40	151	5755	-3.37	-7.38	-1.92	27.99	Pass
	159	5795	-2.32	-3.23	0.26		Pass
11AC20	149	5745	-0.22	-1.55	2.18	27.99	Pass
	157	5785	0.19	1.01	3.63		Pass
	165	5825	-1.20	-0.60	2.12		Pass
11AC40	151	5755	-4.65	-8.41	-3.12	27.99	Pass
	159	5795	-2.66	-3.83	-0.20		Pass
11AC80	155	5775	-5.82	-5.61	-2.70	27.99	Pass

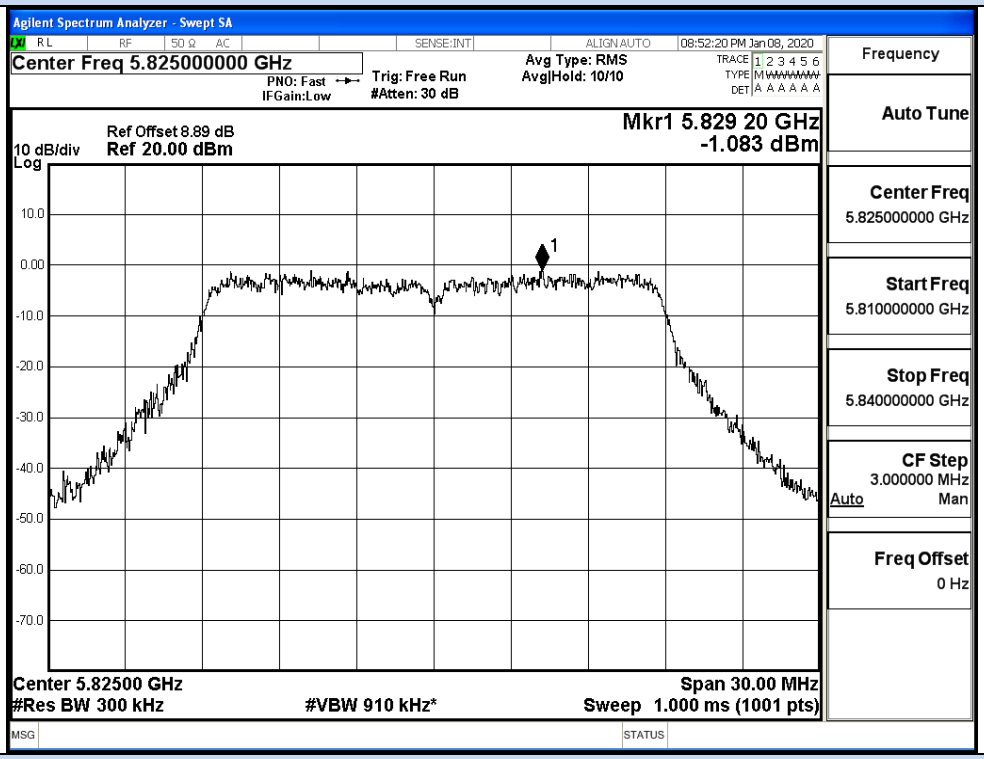
Power Spectral Density_Ant_0



IEEE 802.11a / Channel 149 / 5745MHz_Ant_0

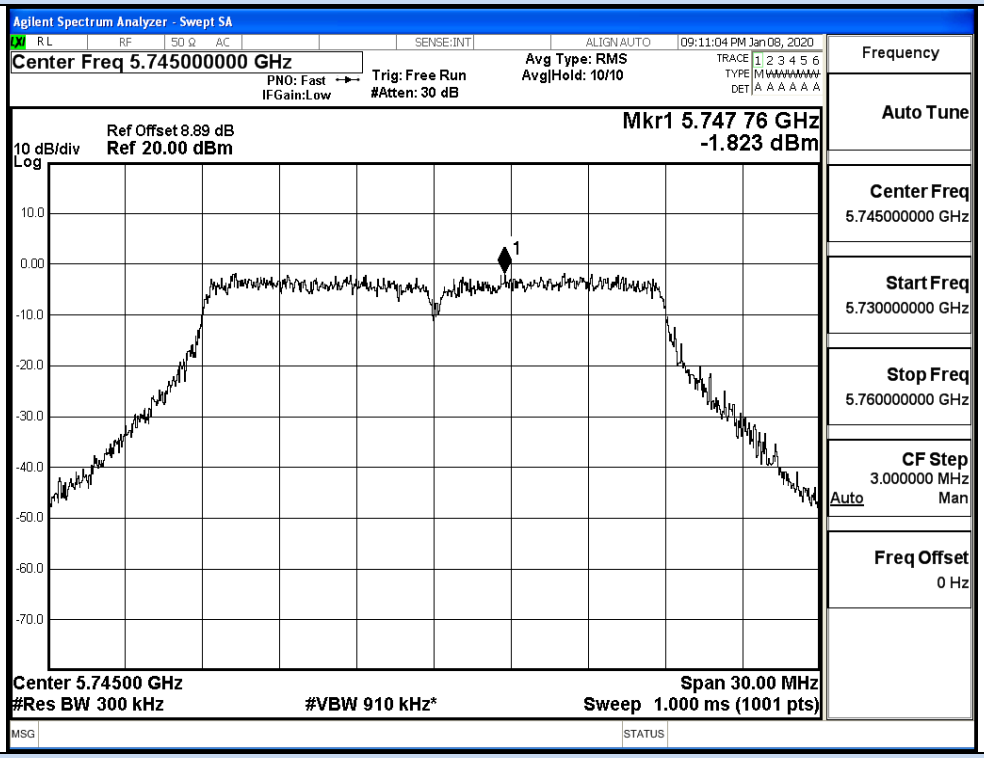


IEEE 802.11a / Channel 157 / 5785MHz_Ant_0

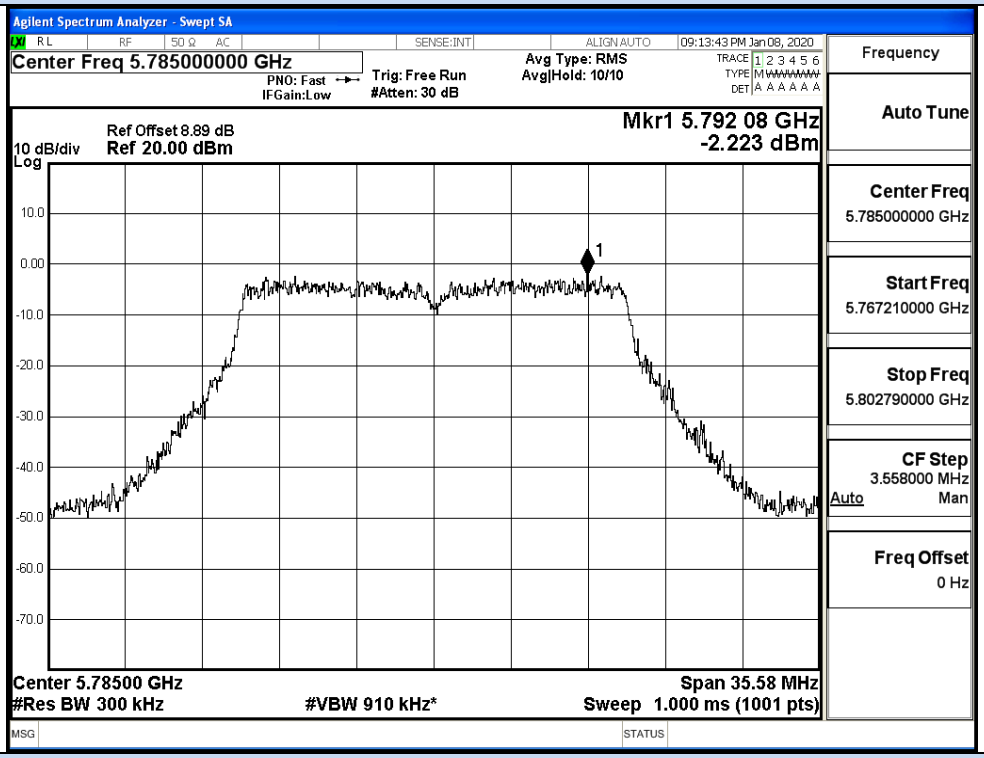


IEEE 802.11a / Channel 165 / 5825MHz_Ant_0

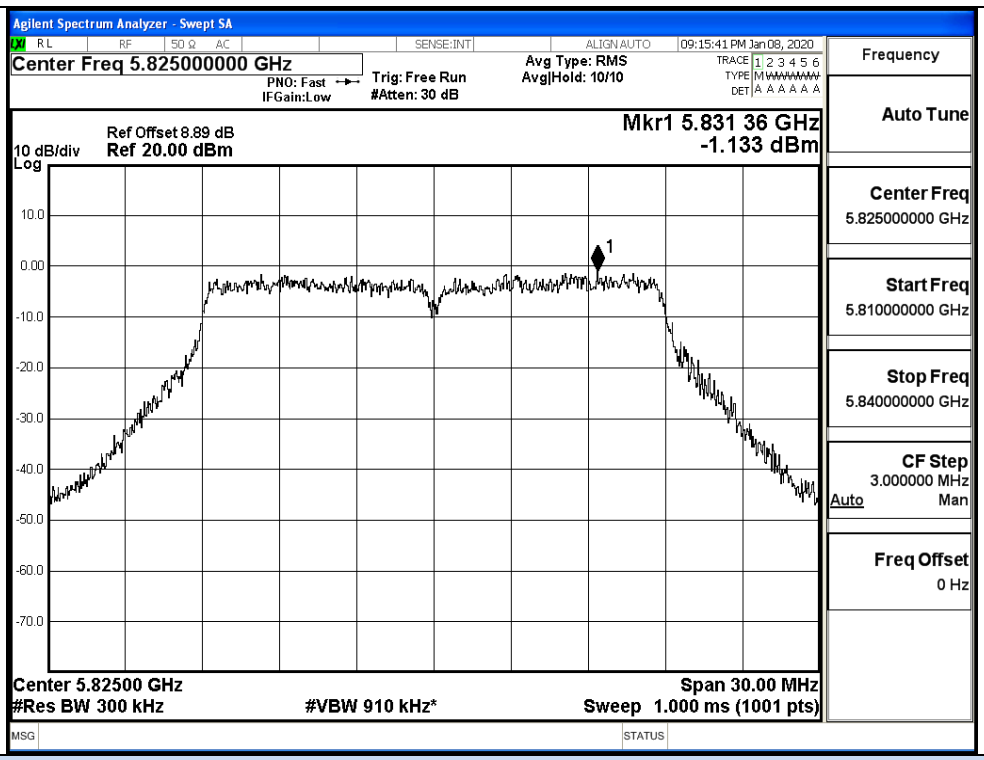
Power Spectral Density_Ant_0



IEEE 802.11n20 / Channel 149 / 5745MHz_Ant_0

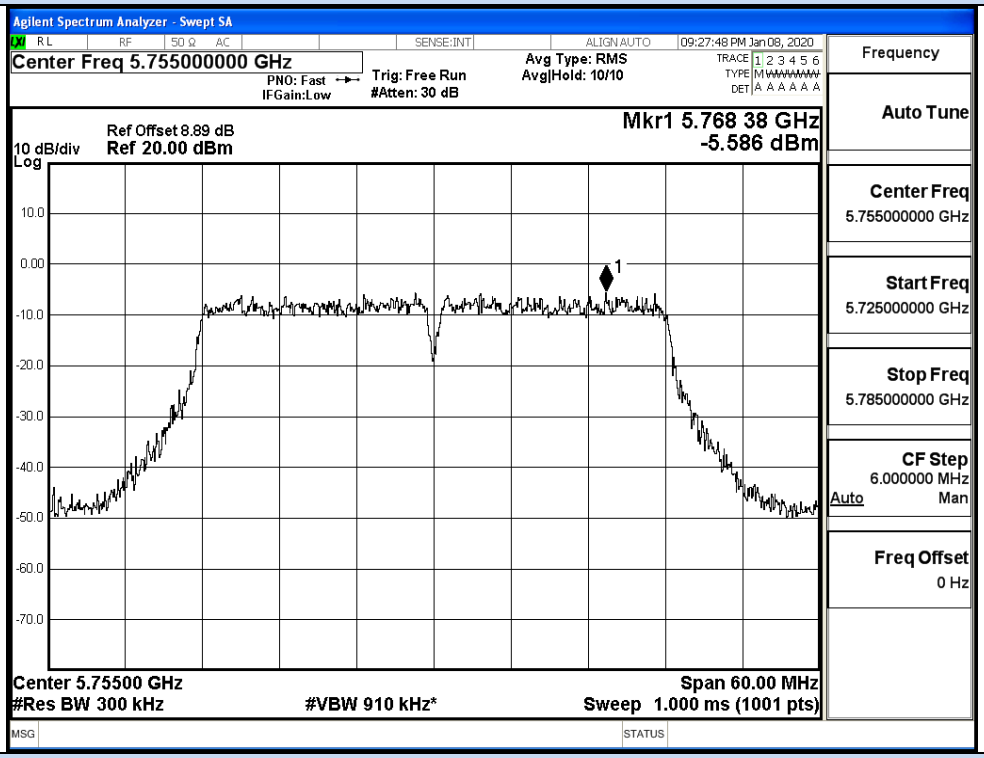


IEEE 802.11n20 / Channel 157 / 5785MHz_Ant_0

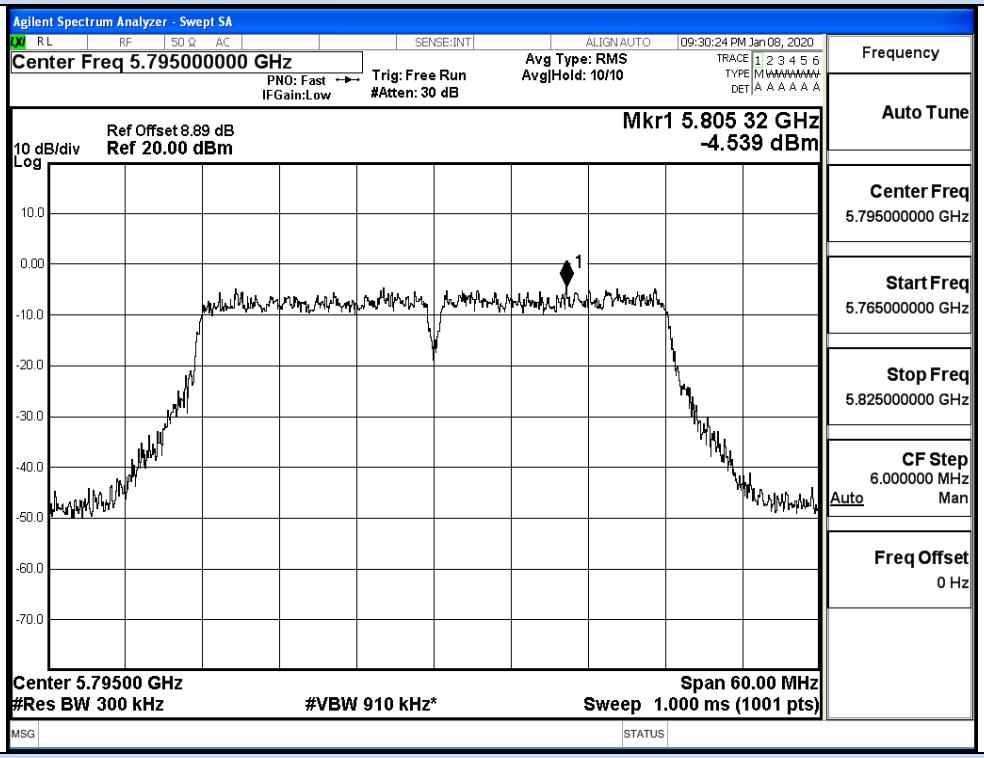


IEEE 802.11n20 / Channel 165 / 5825MHz_Ant_0

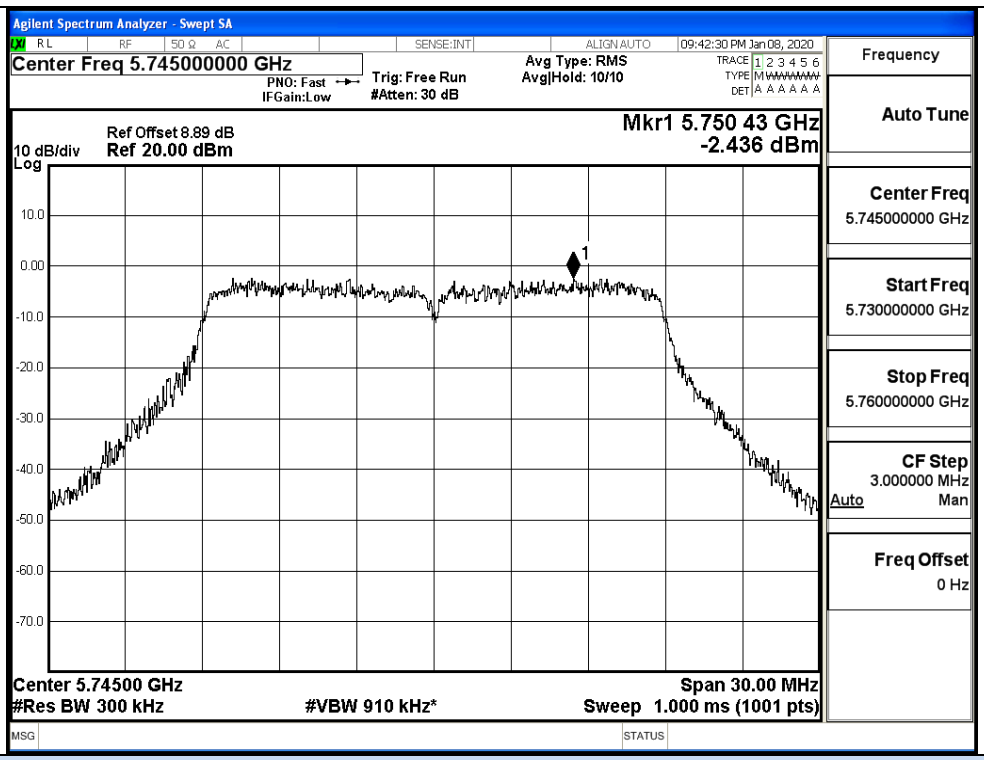
Power Spectral Density_Ant_0



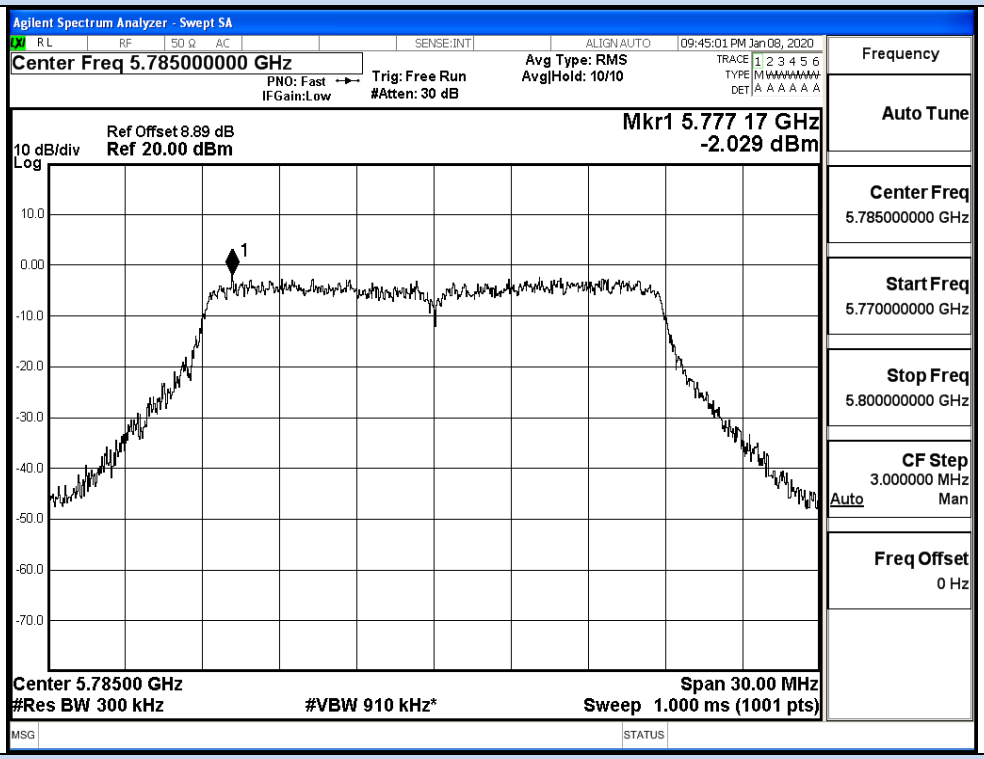
IEEE 802.11n40 / Channel 151 / 5755MHz_Ant_0



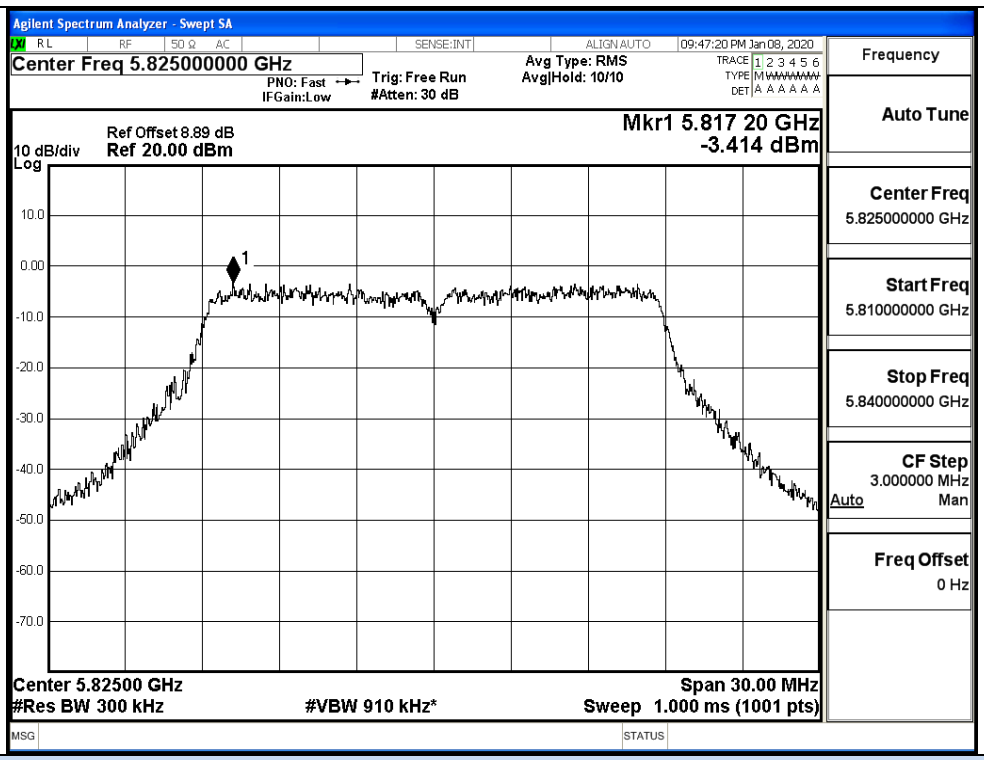
IEEE 802.11n40 / Channel 159 / 5795MHz_Ant_0



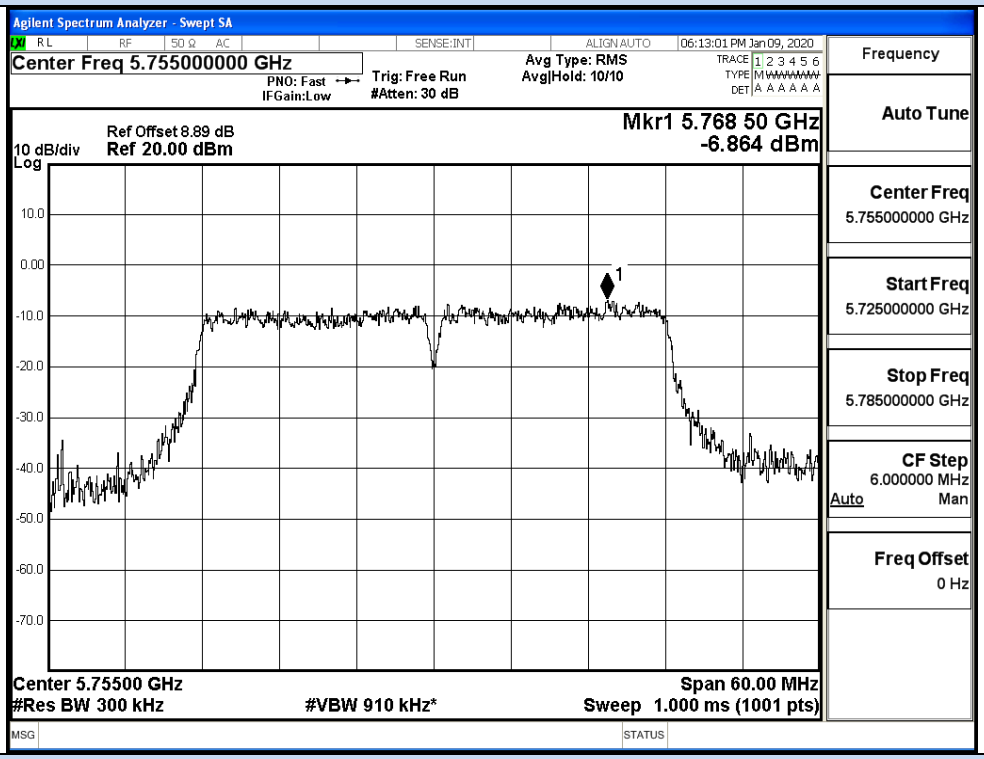
IEEE 802.11ac20 / Channel 149 / 5745MHz_Ant_0



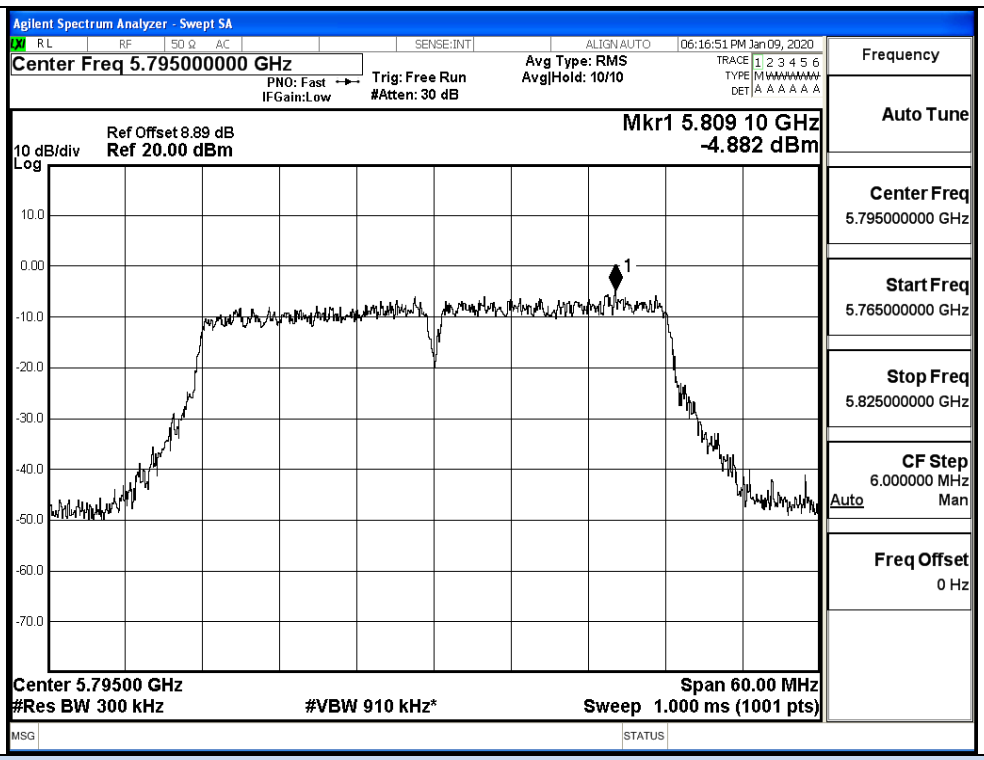
IEEE 802.11ac20 / Channel 157 / 5785MHz_Ant_0



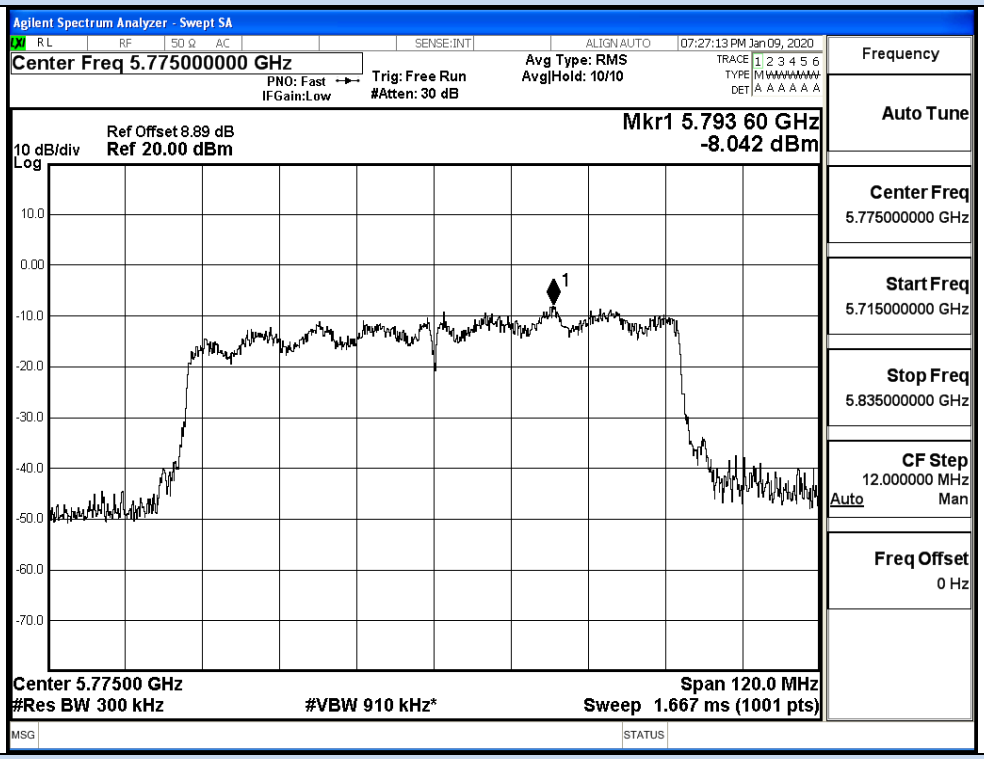
IEEE 802.11ac20 / Channel 165 / 5825MHz_Ant_0



IEEE 802.11ac40 / Channel 151 / 5755MHz_Ant_0

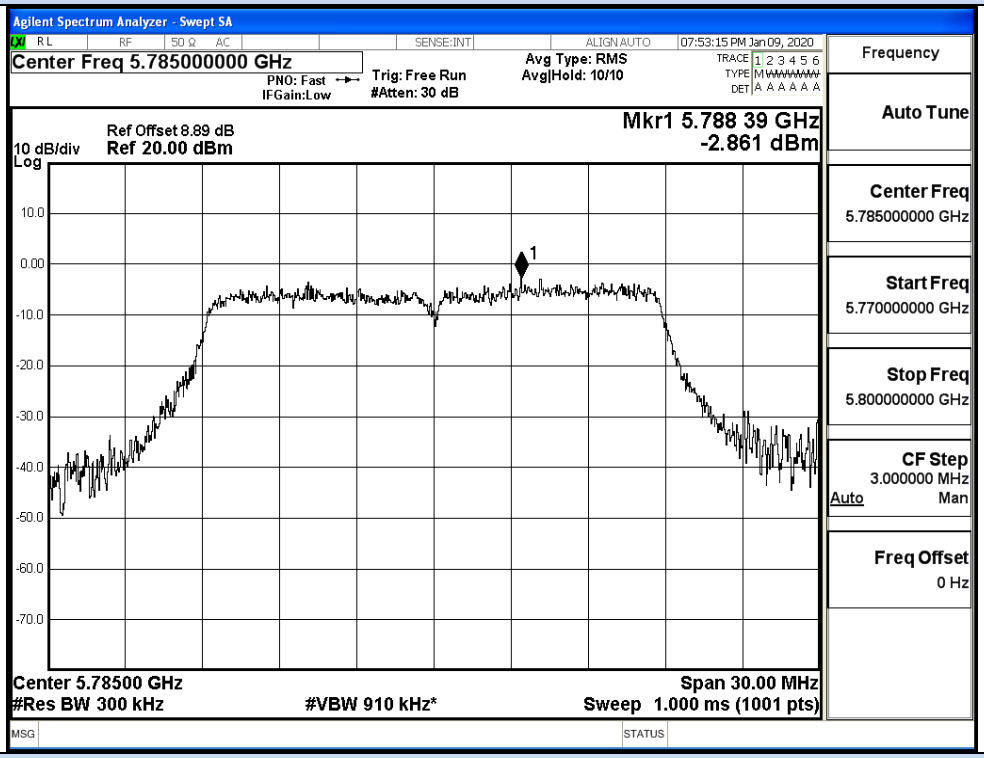


IEEE 802.11ac40 / Channel 159 / 5795MHz_Ant_0

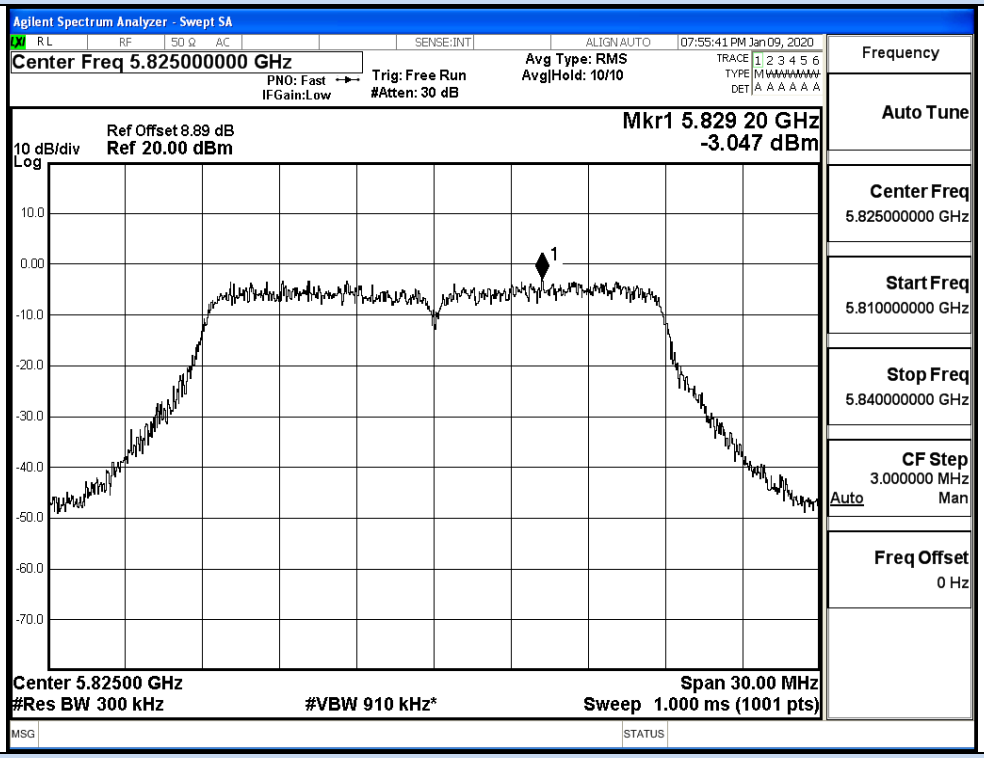


IEEE 802.11ac80 / Channel 155/ 5775MHz_Ant_0

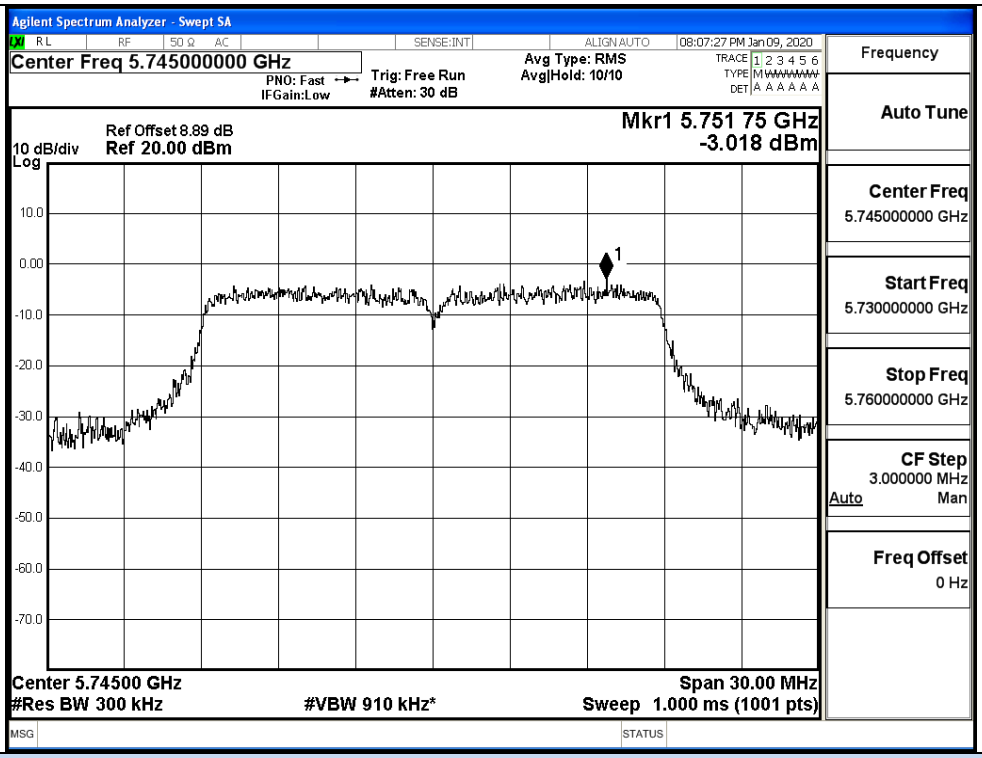
Power Spectral Density_Ant_1



IEEE 802.11a / Channel 149 / 5745MHz_Ant_1

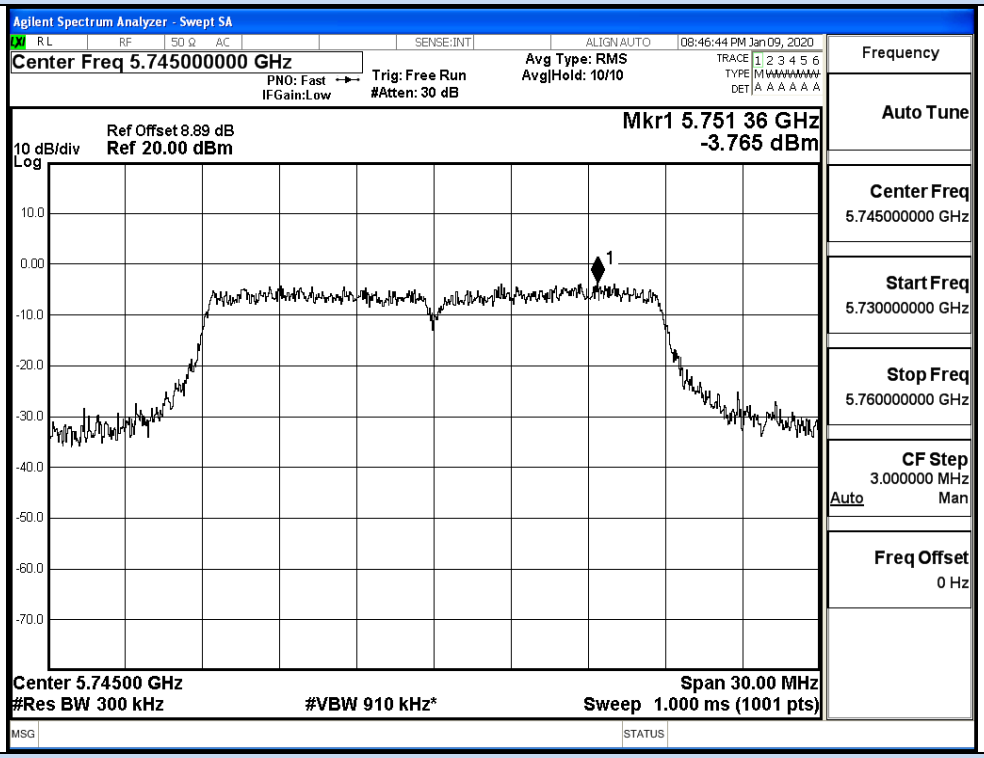


IEEE 802.11a / Channel 157 / 5785MHz_Ant_1

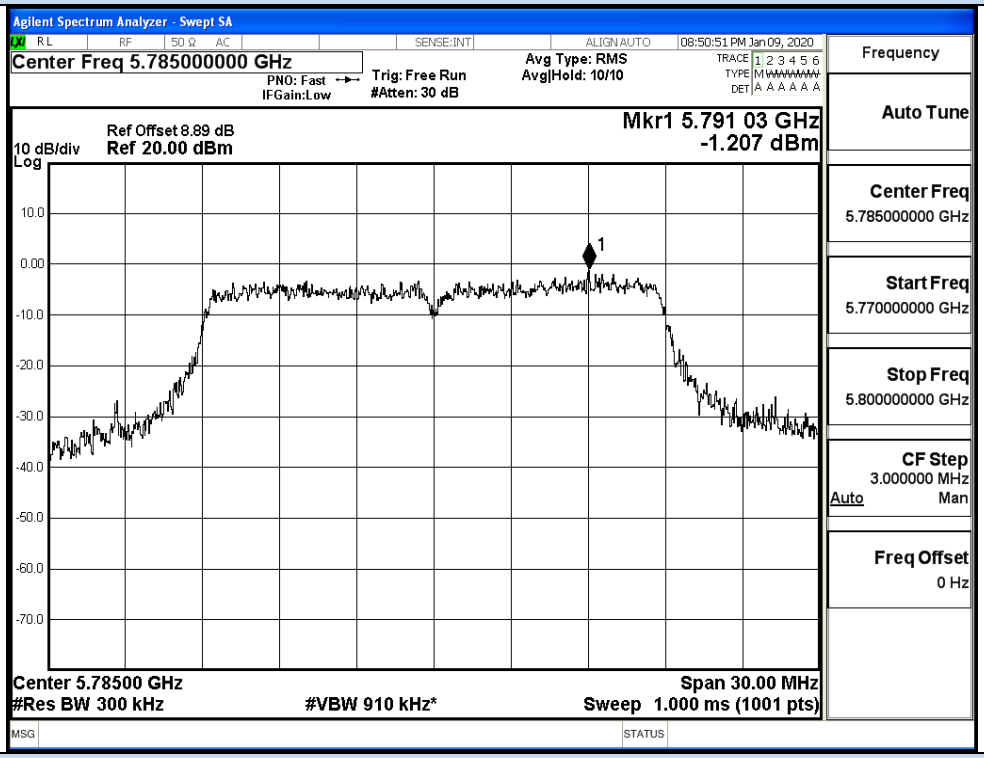


IEEE 802.11a / Channel 165 / 5825MHz_Ant_1

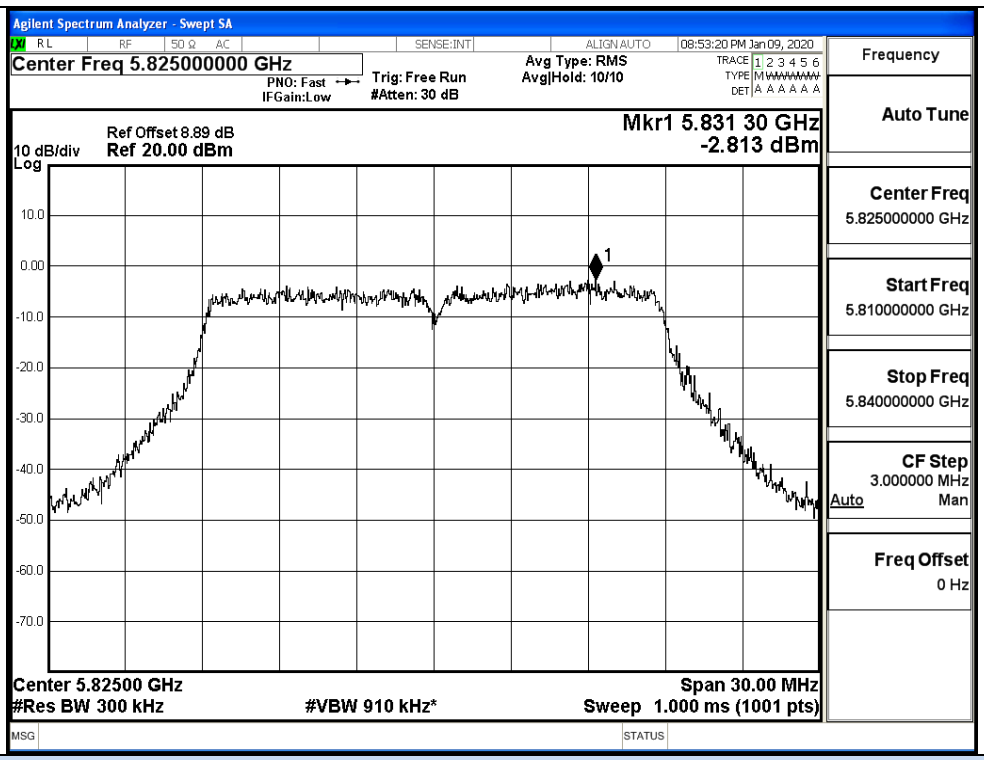
Power Spectral Density_Ant_1



IEEE 802.11n20 / Channel 149 / 5745MHz_Ant_1

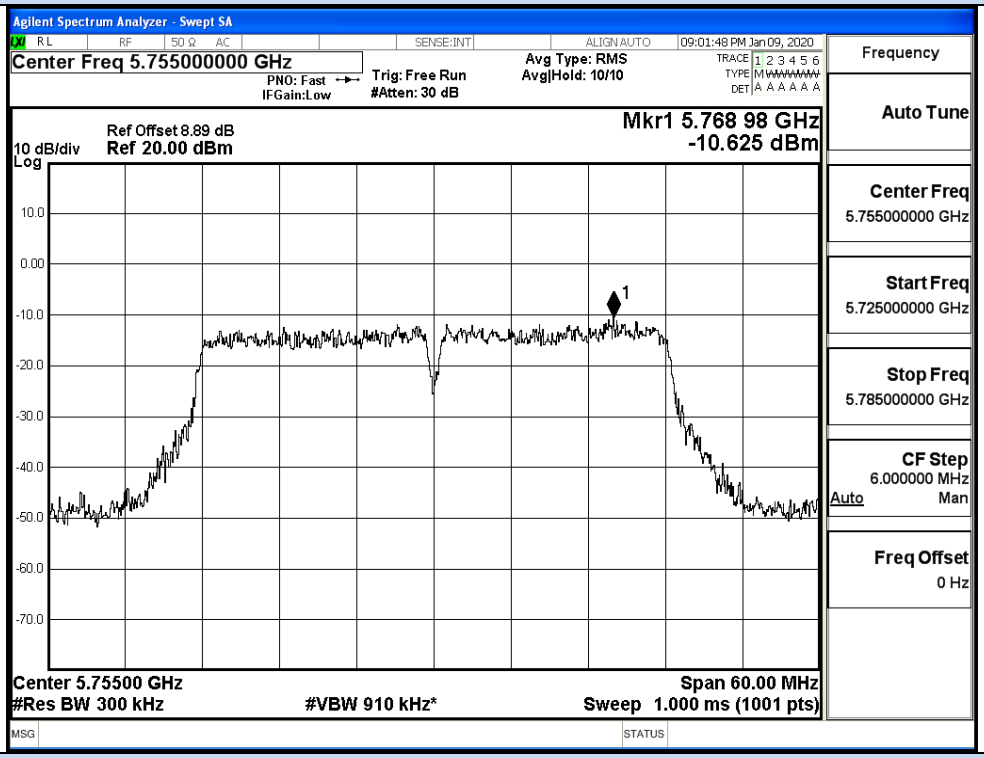


IEEE 802.11n20 / Channel 157 / 5785MHz_Ant_1

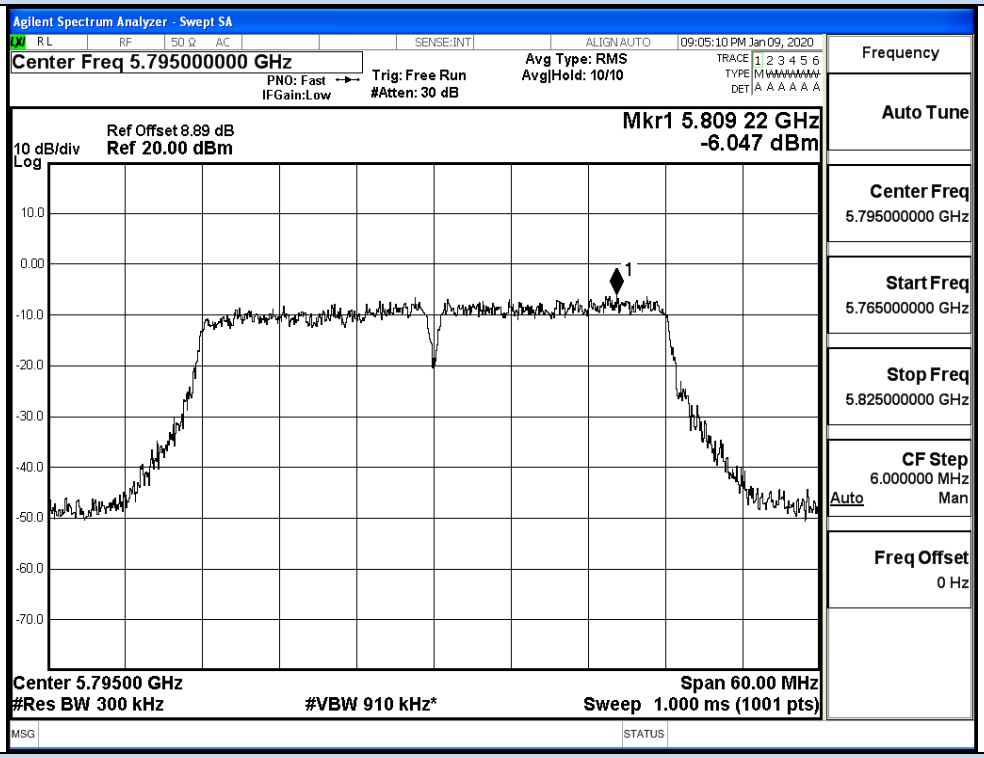


IEEE 802.11n20 / Channel 165 / 5825MHz_Ant_1

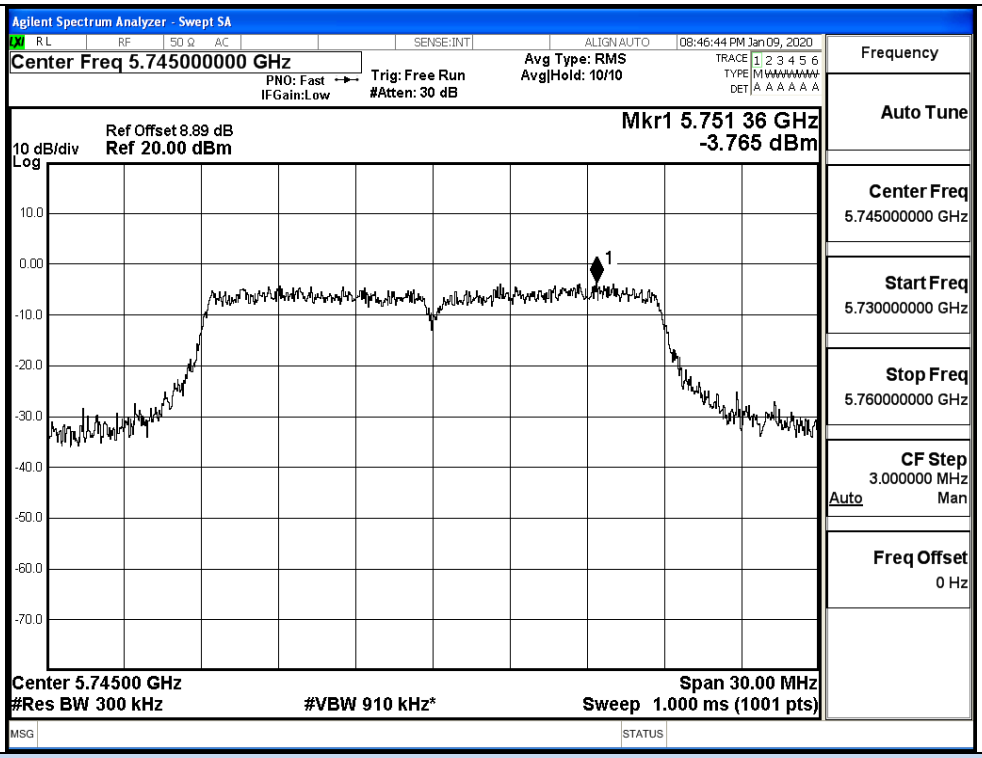
Power Spectral Density_Ant_1



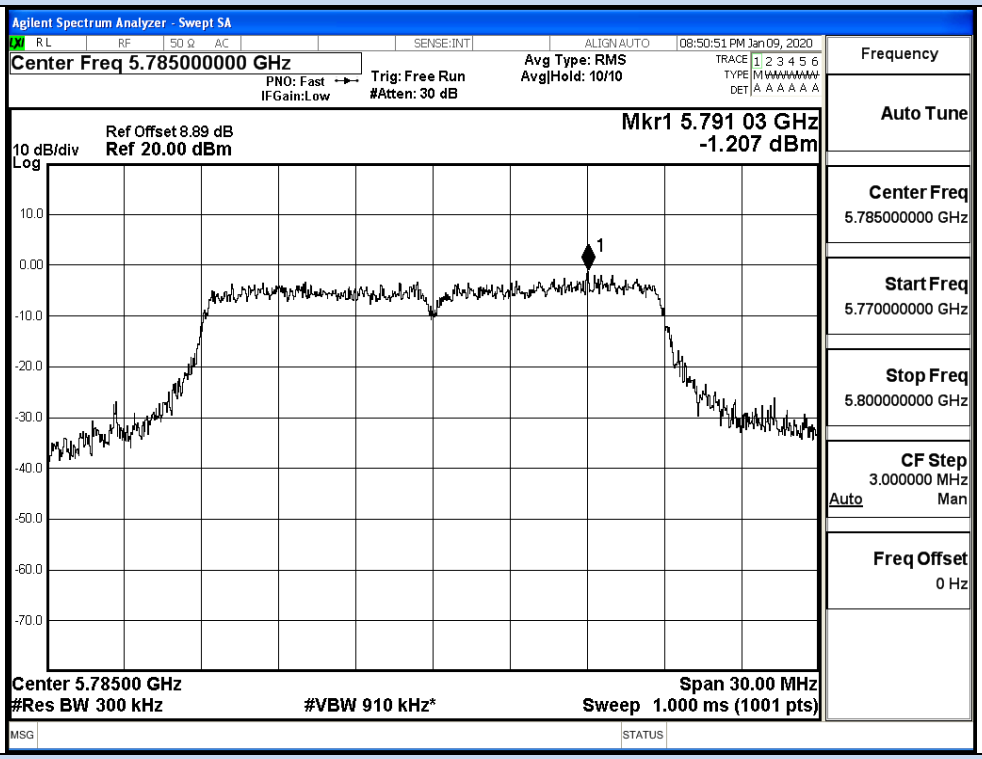
IEEE 802.11n40 / Channel 151 / 5755MHz_Ant_1



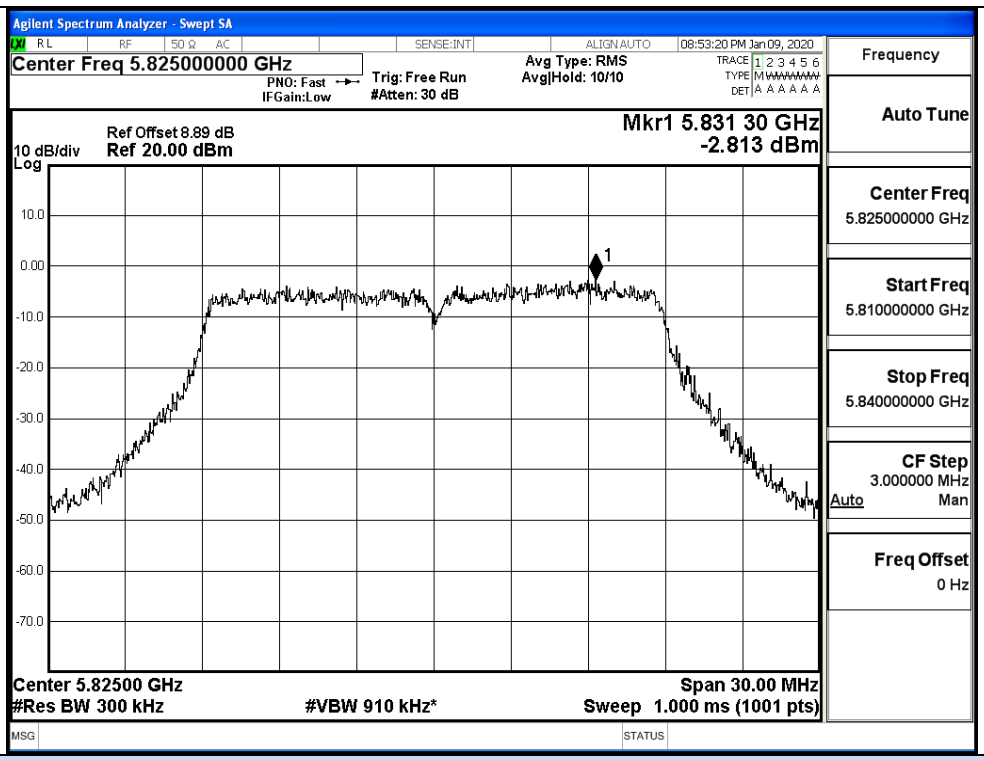
IEEE 802.11n40 / Channel 159 / 5795MHz_Ant_1



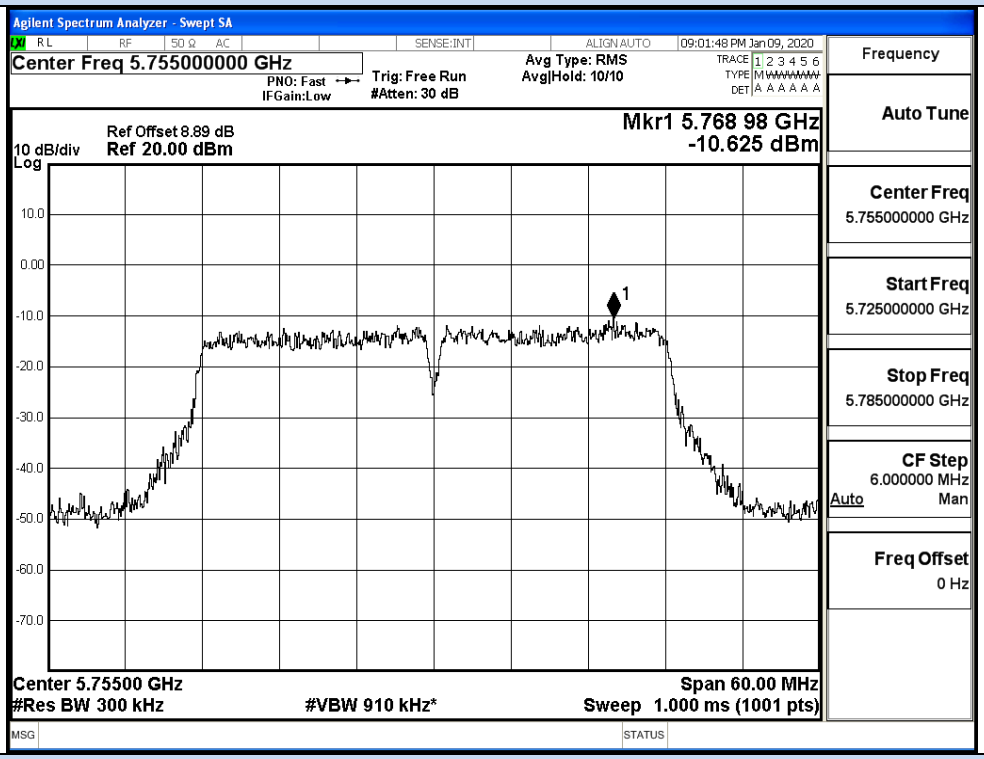
IEEE 802.11ac20 / Channel 149 / 5745MHz_Ant_1



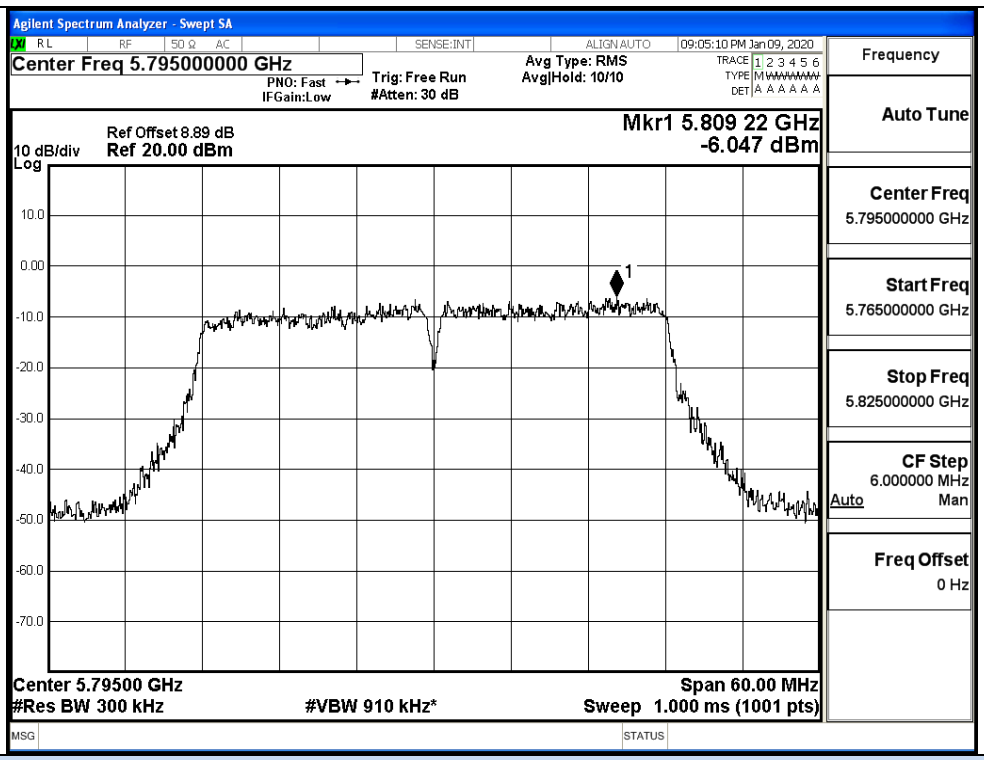
IEEE 802.11ac20 / Channel 157 / 5785MHz_Ant_1



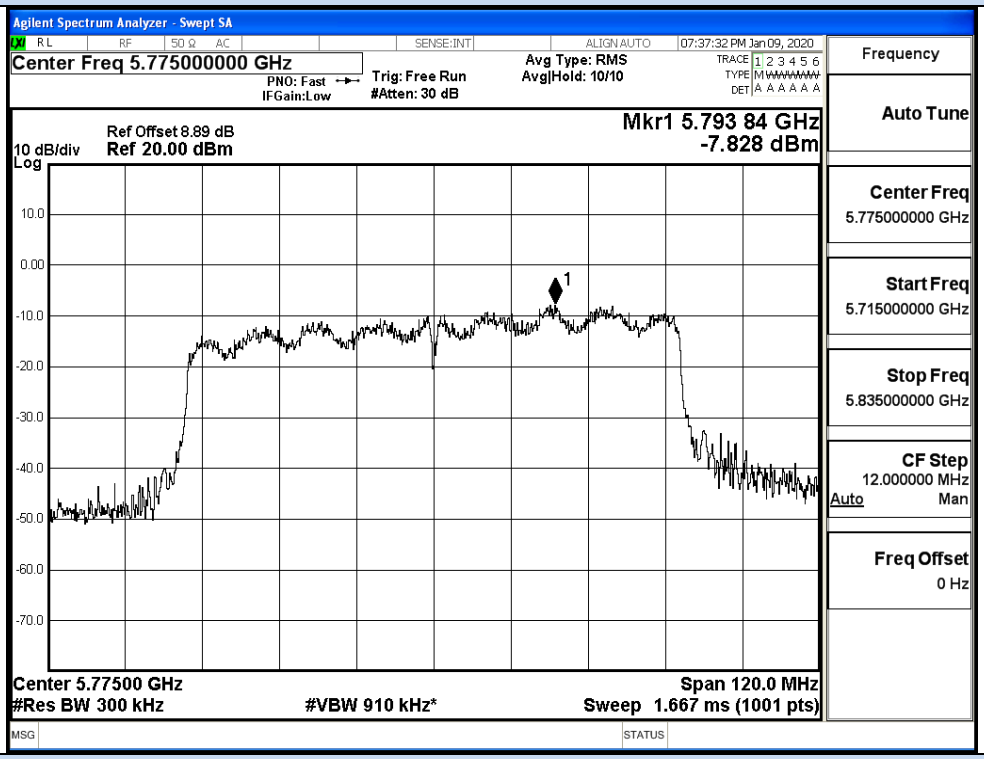
IEEE 802.11ac20 / Channel 165 / 5825MHz_Ant_1



IEEE 802.11ac40 / Channel 151 / 5755MHz_Ant_1



IEEE 802.11ac40 / Channel 159 / 5795MHz_Ant_1

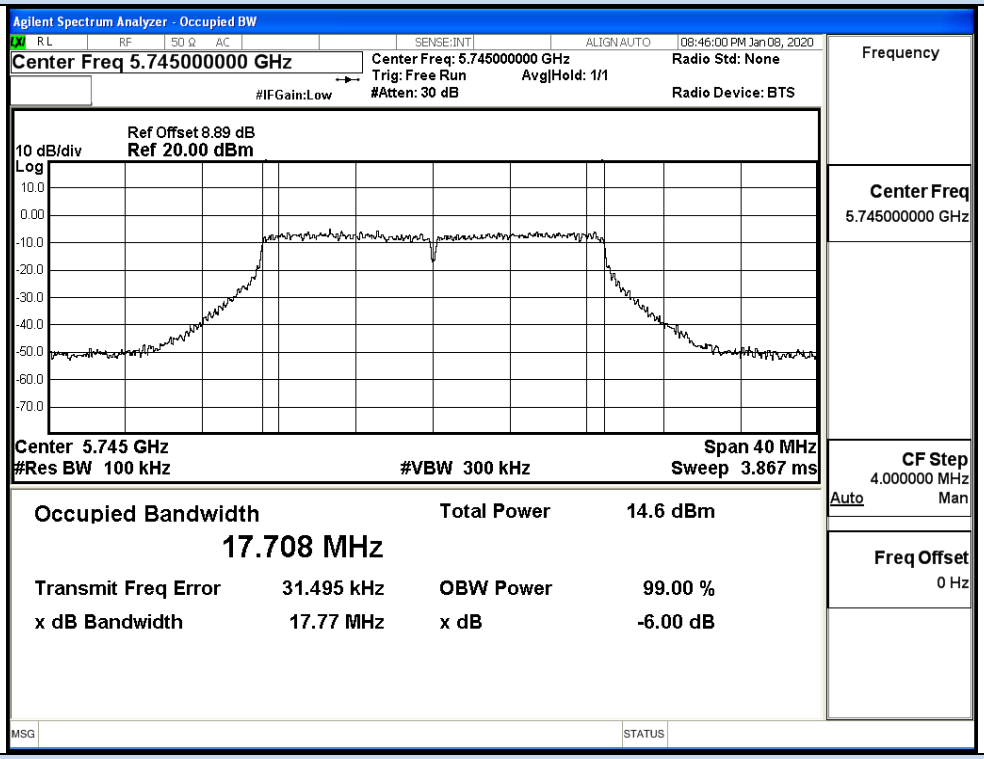


IEEE 802.11ac80 / Channel 155/ 5775MHz_Ant_1

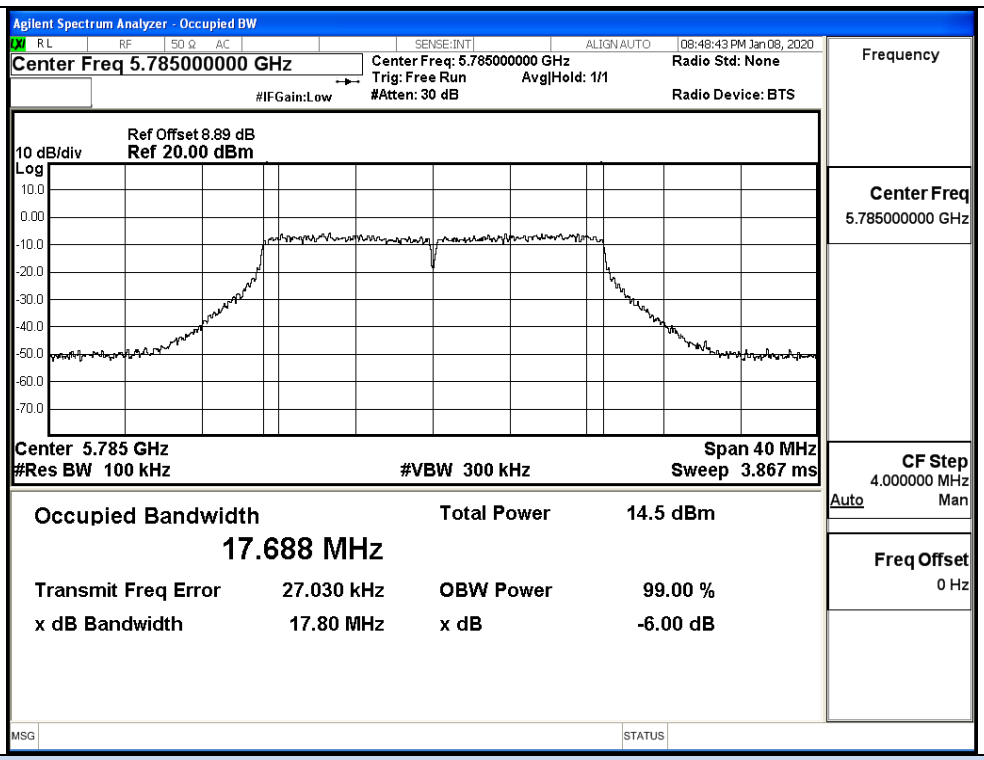
C.4 Emission Bandwidth

Test Mode	Channel	Frequency (MHz)	6dB Bandwidth (MHz)		Limit (MHz)	Verdict
			Ant_0	Ant_1		
11A	149	5745	17.77	17.61	>=0.5	Pass
	157	5785	17.80	17.61		Pass
	165	5825	17.78	17.61		Pass
11N20	149	5745	17.81	17.63	>=0.5	Pass
	157	5785	17.79	17.64		Pass
	165	5825	17.81	17.58		Pass
11N40	151	5755	36.51	32.87	>=0.5	Pass
	159	5795	36.55	35.84		Pass
11AC20	149	5745	17.82	17.66	>=0.5	Pass
	157	5785	17.84	17.63		Pass
	165	5825	17.79	17.65		Pass
11AC40	151	5755	36.55	36.14	>=0.5	Pass
	159	5795	36.50	33.26		Pass
11AC80	155	5775	73.64	62.71	>=0.5	Pass

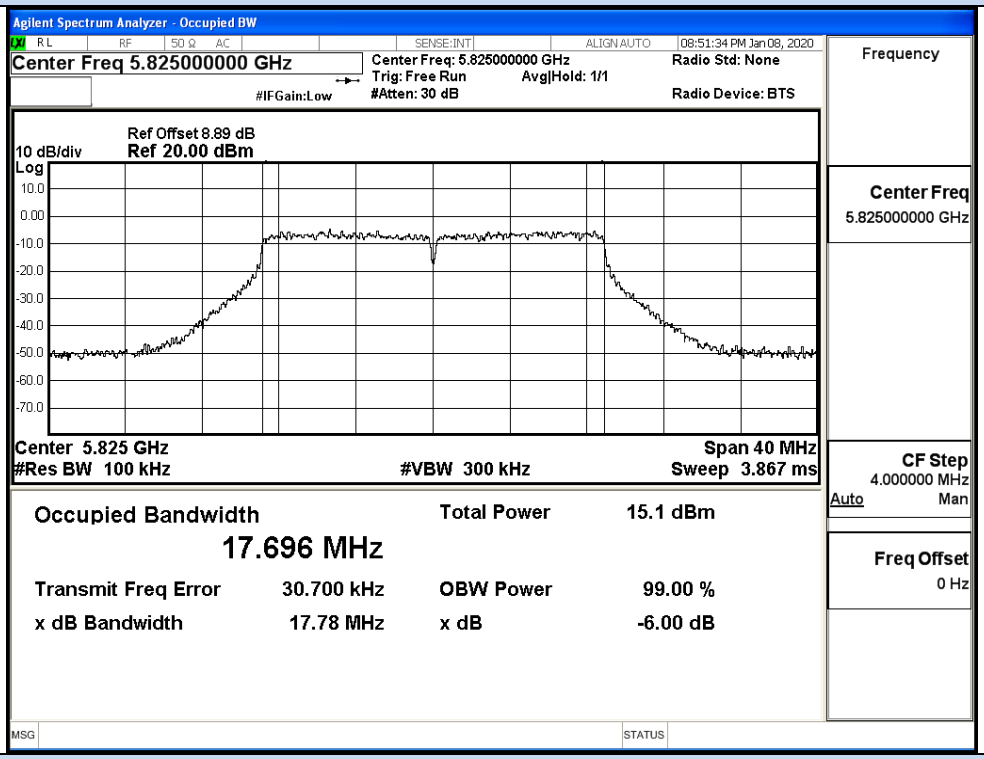
6dB Bandwidth_Ant_0



IEEE 802.11a / Channel 149 / 5745MHz_Ant_0

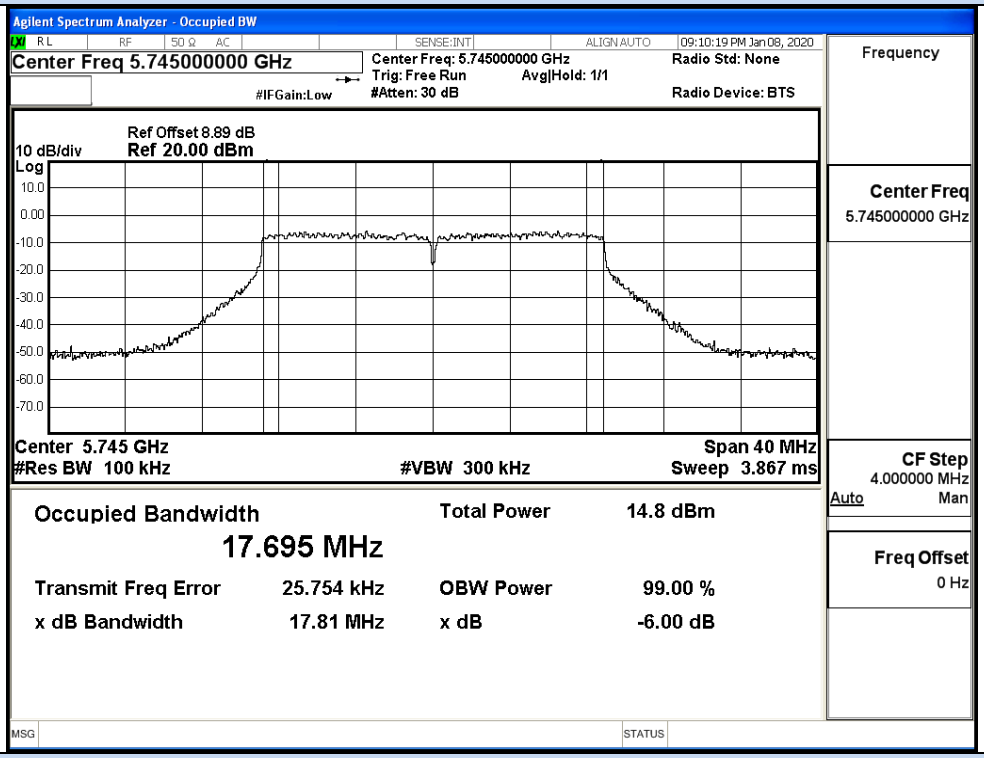


IEEE 802.11a / Channel 157 / 5785MHz_Ant_0

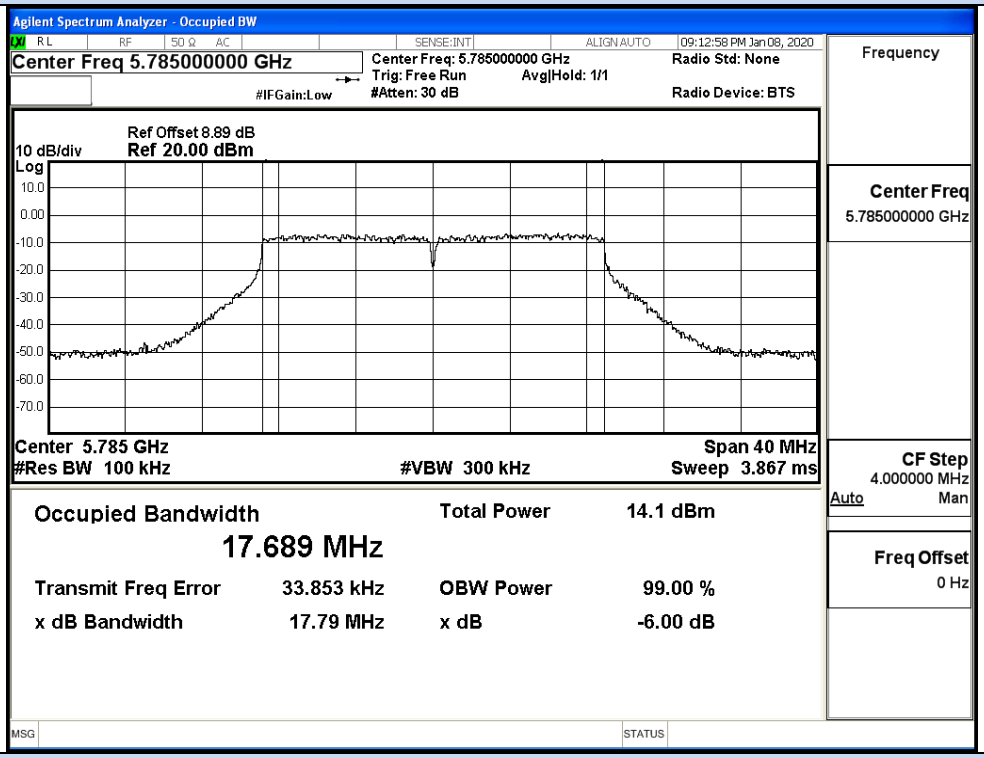


IEEE 802.11a / Channel 165 / 5825MHz_Ant_0

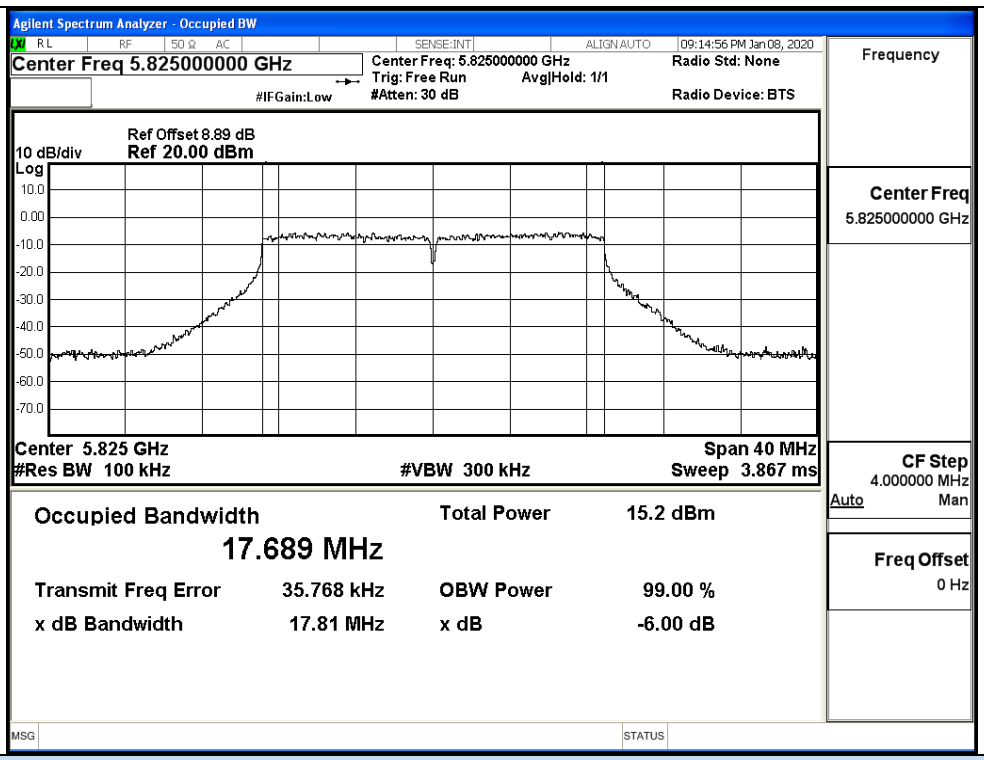
6dB Bandwidth_Ant_0



IEEE 802.11n20 / Channel 149 / 5745MHz_Ant_0

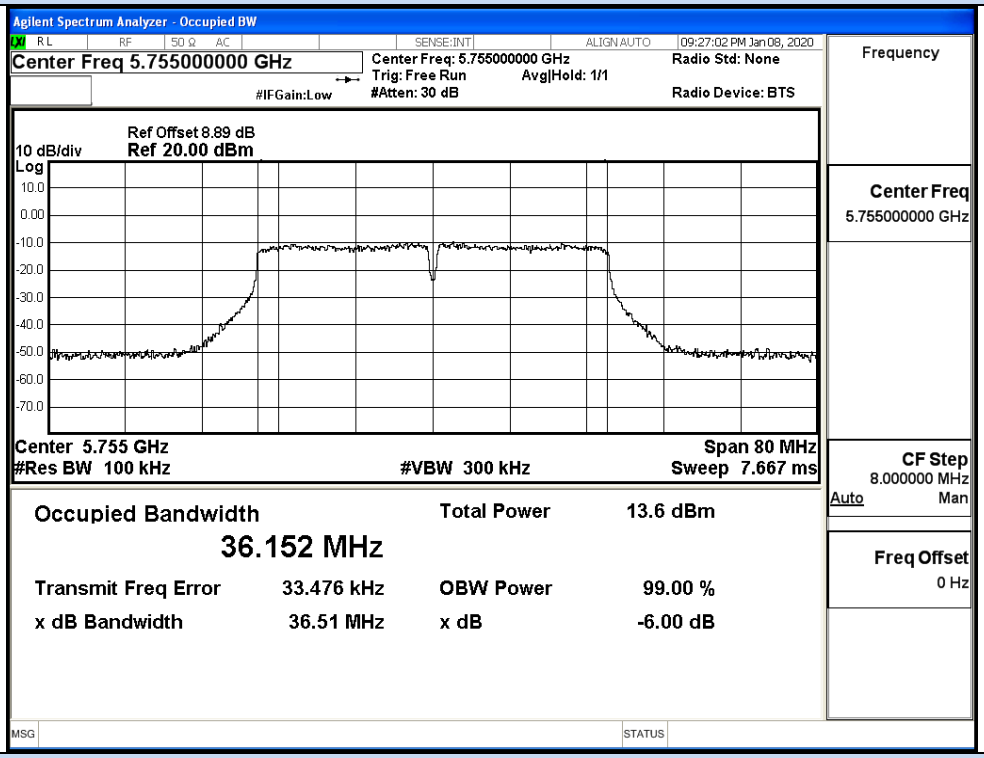


IEEE 802.11n20 / Channel 157 / 5785MHz_Ant_0

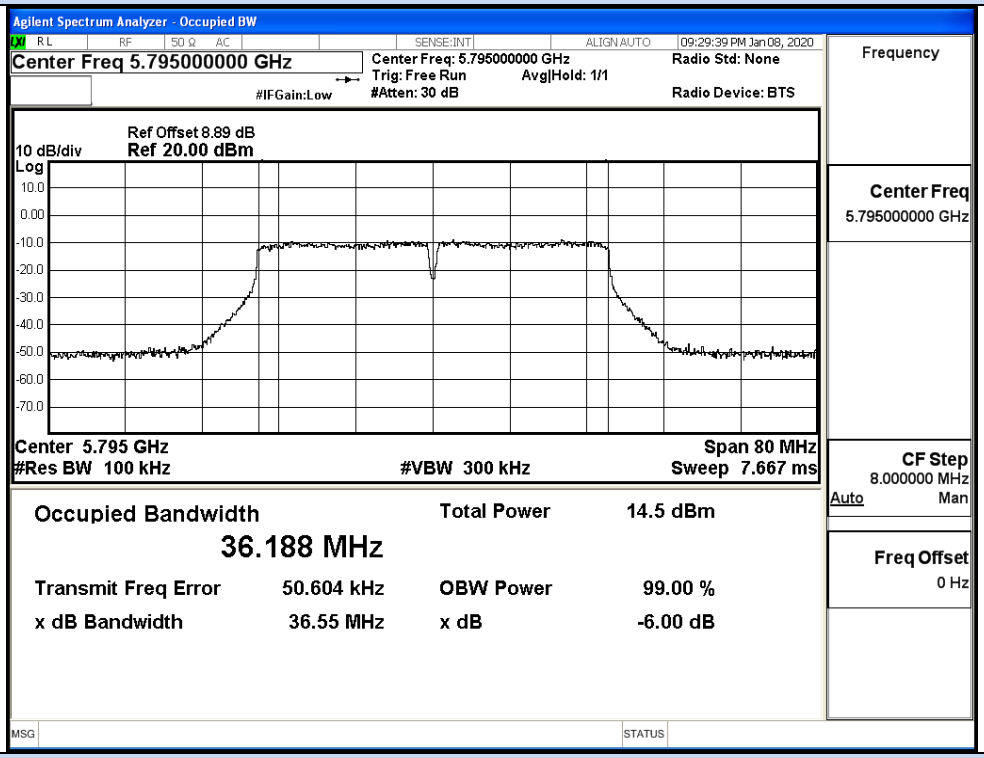


IEEE 802.11n20 / Channel 165 / 5825MHz_Ant_0

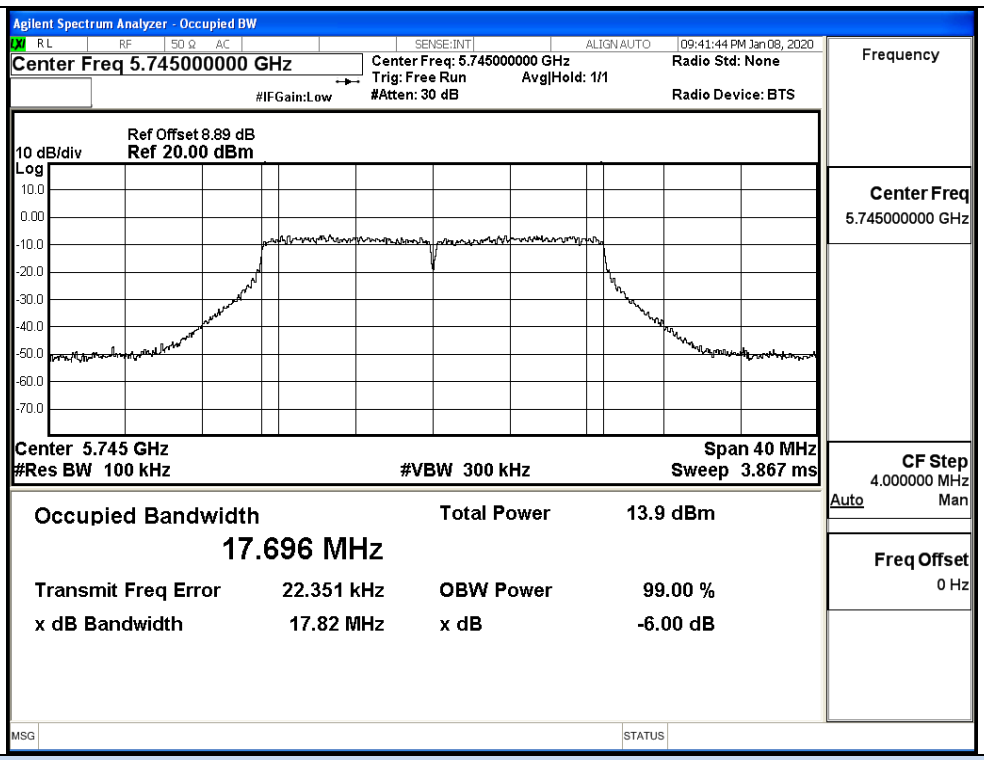
26dB Bandwidth_Ant_0



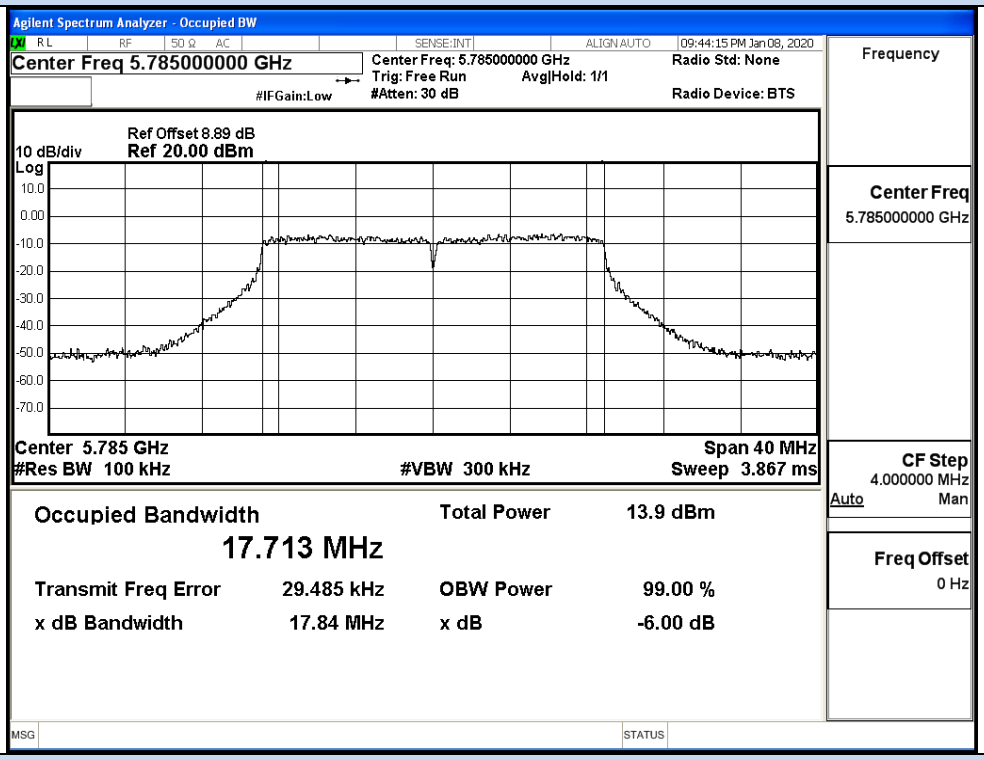
IEEE 802.11n40 / Channel 151 / 5755MHz_Ant_0



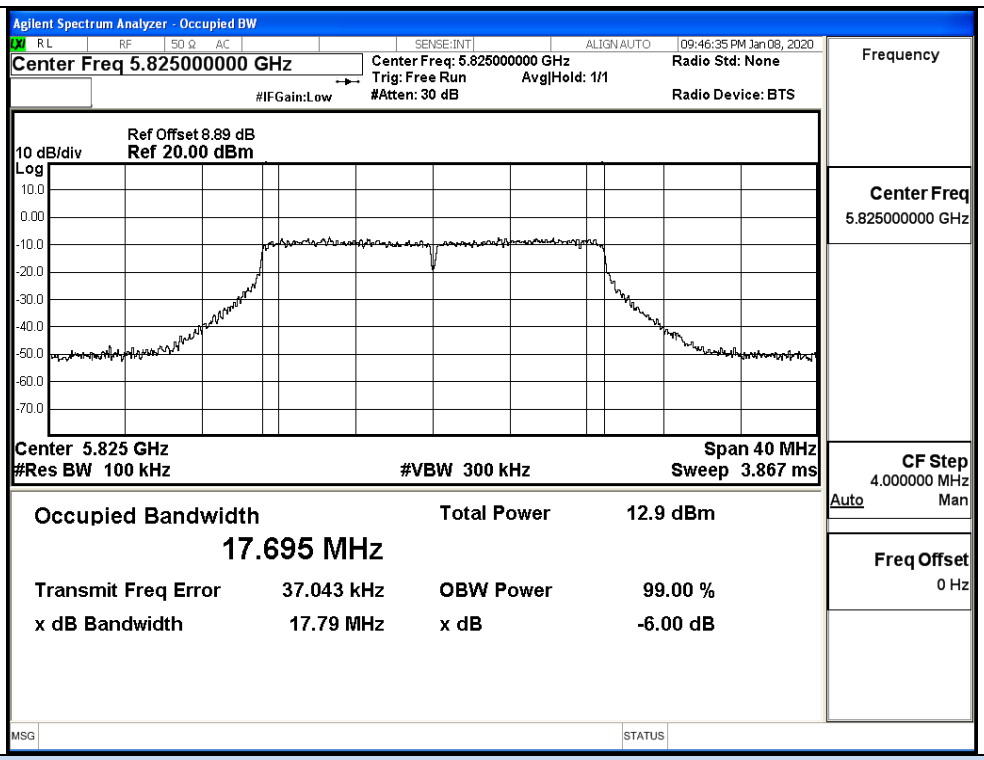
IEEE 802.11n40 / Channel 159 / 5795MHz_Ant_0



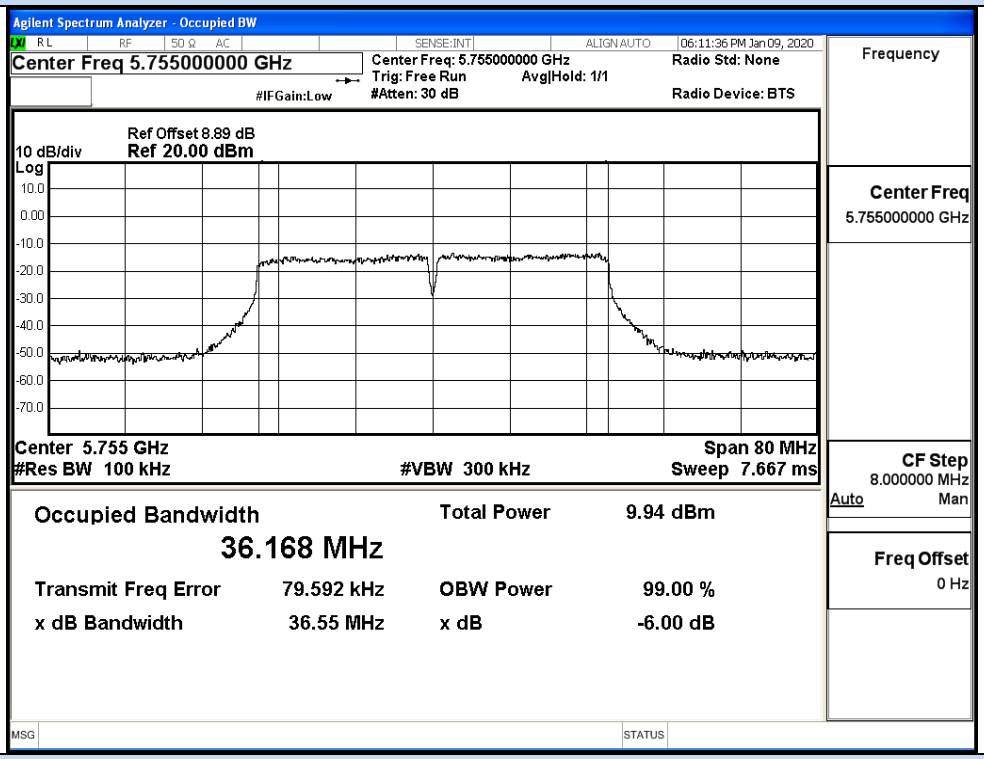
IEEE 802.11ac20 / Channel 149 / 5745MHz_Ant_0



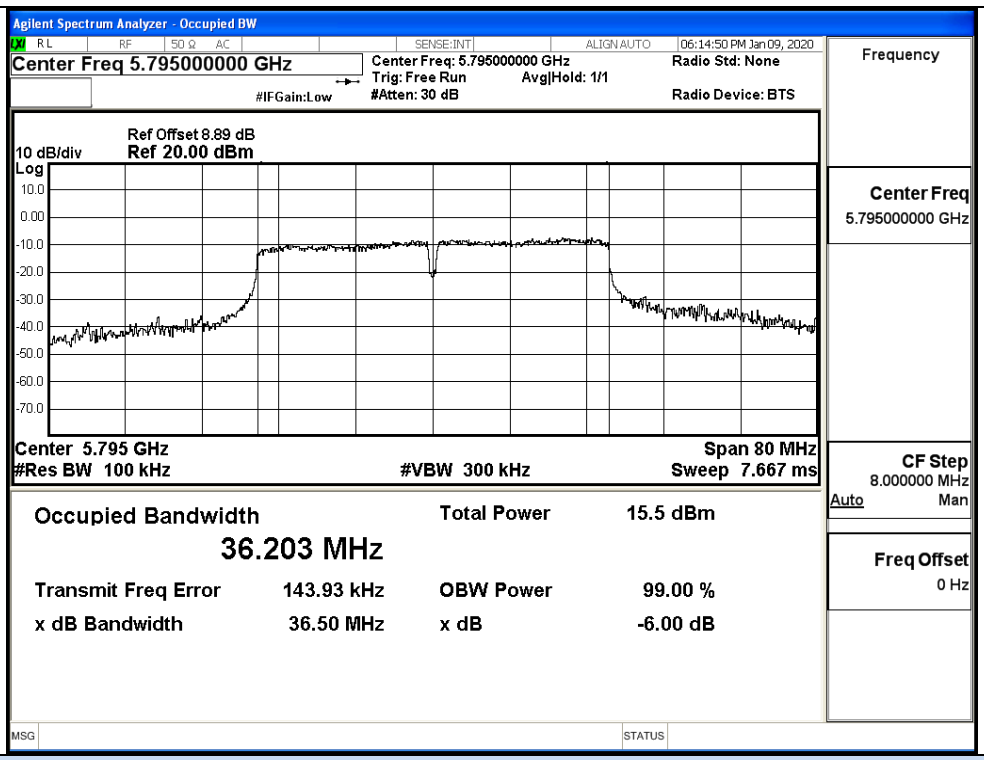
IEEE 802.11ac20 / Channel 157/ 5785MHz_Ant_0



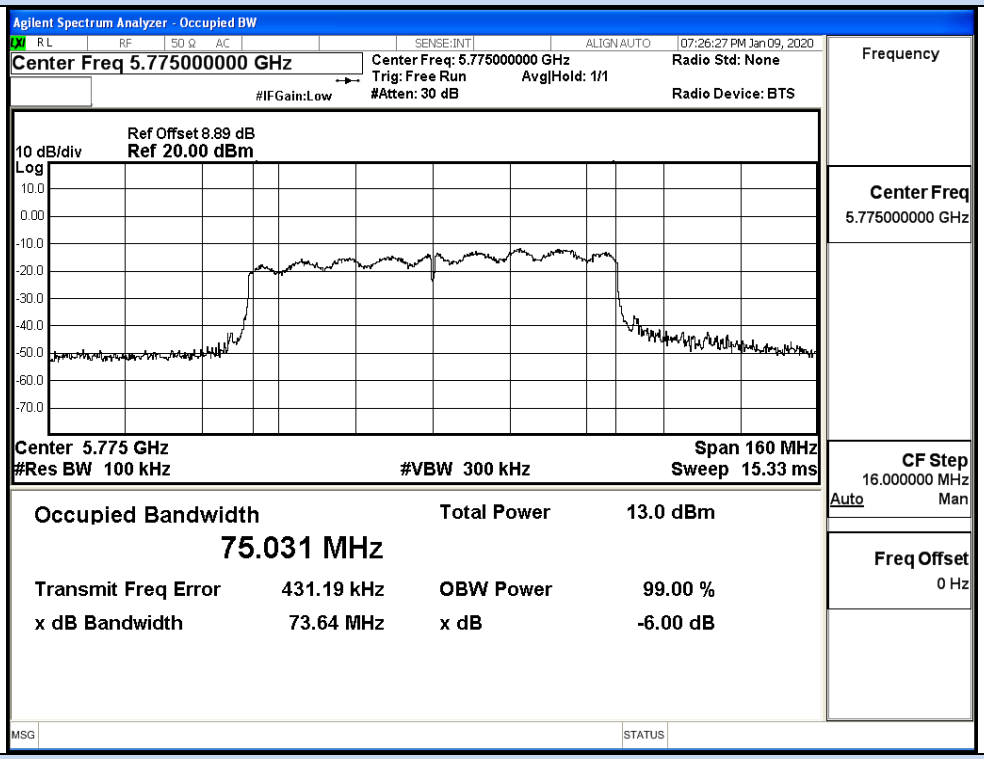
IEEE 802.11ac20 / Channel 165 / 5825MHz_Ant_0



IEEE 802.11ac40 / Channel 151 / 5755MHz_Ant_0

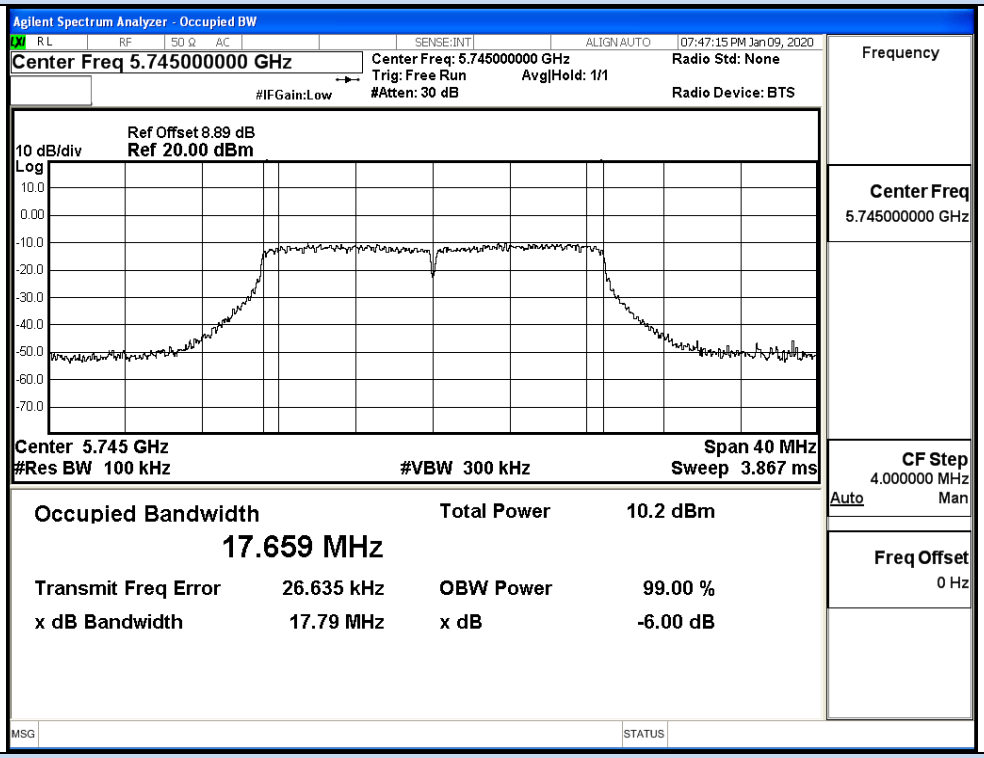


IEEE 802.11ac40 / Channel 159 / 5795MHz_Ant_0

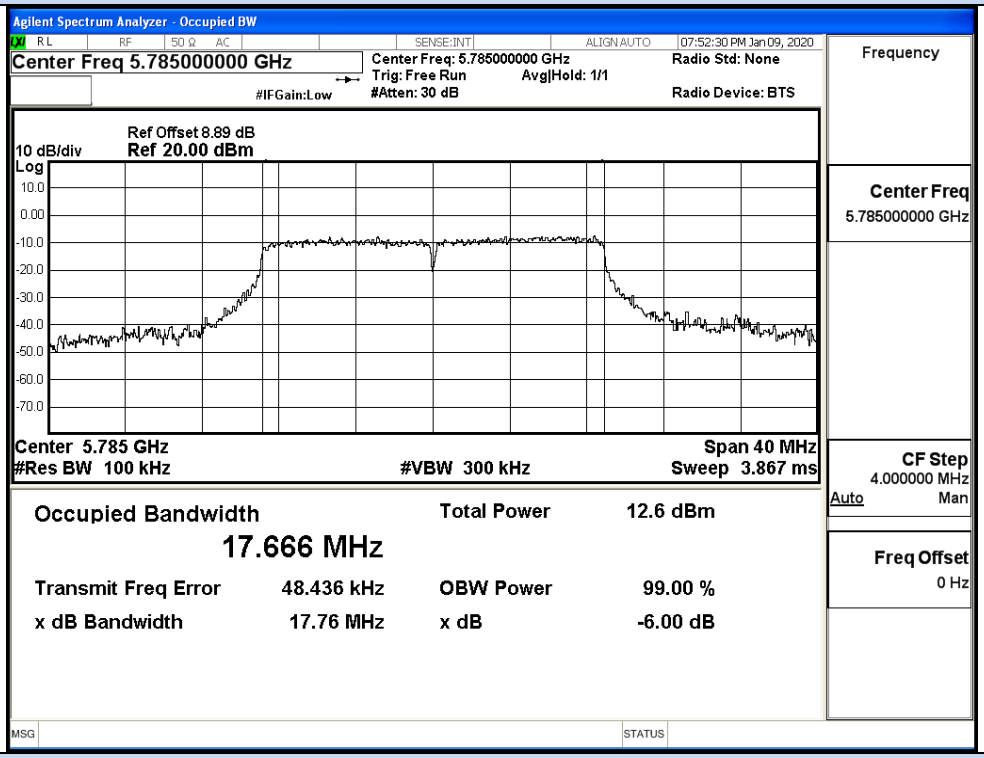


IEEE 802.11ac80 / Channel 155 / 5775MHz_Ant_0

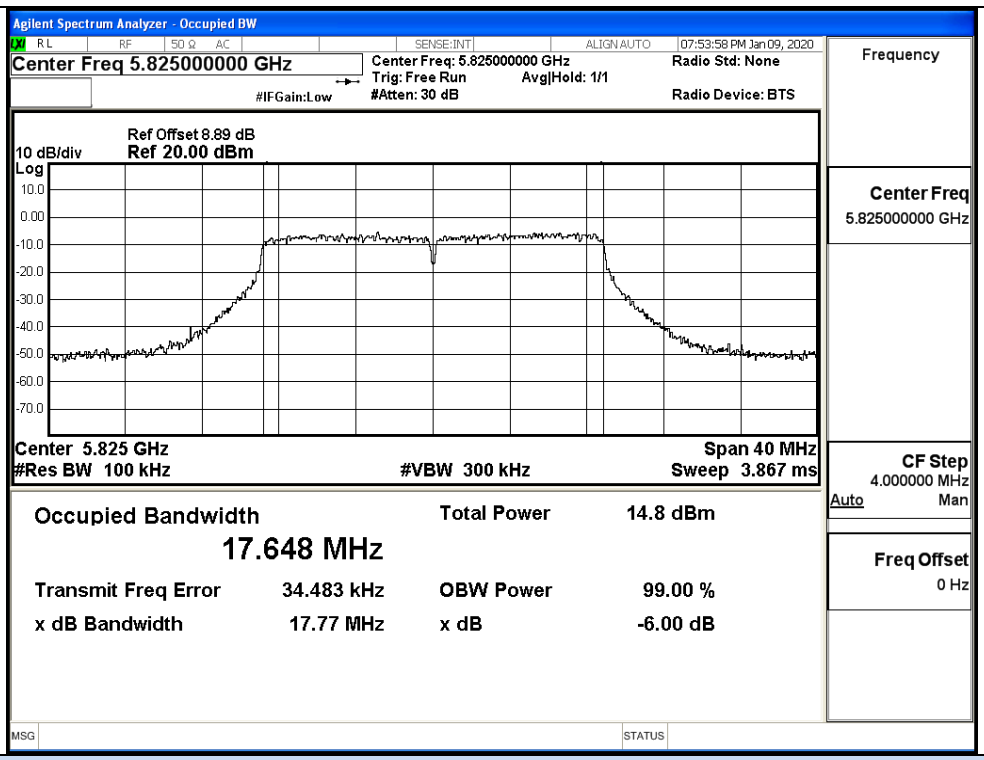
6dB Bandwidth_Ant_1



IEEE 802.11a / Channel 149 / 5745MHz_Ant_1

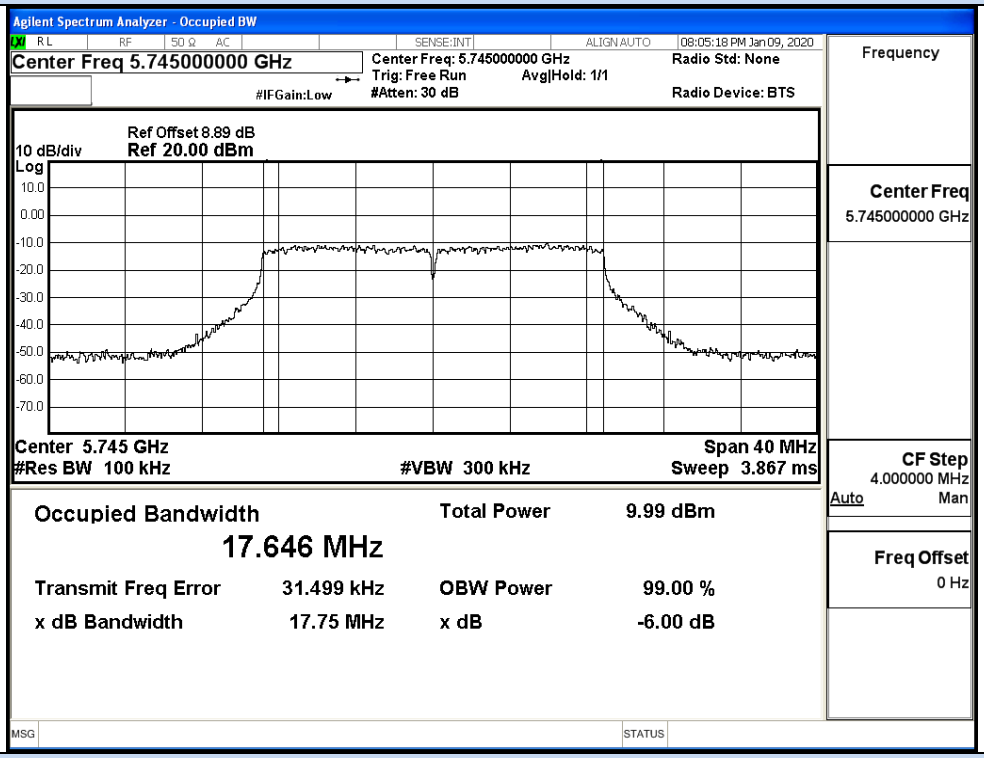


IEEE 802.11a / Channel 157 / 5785MHz_Ant_1

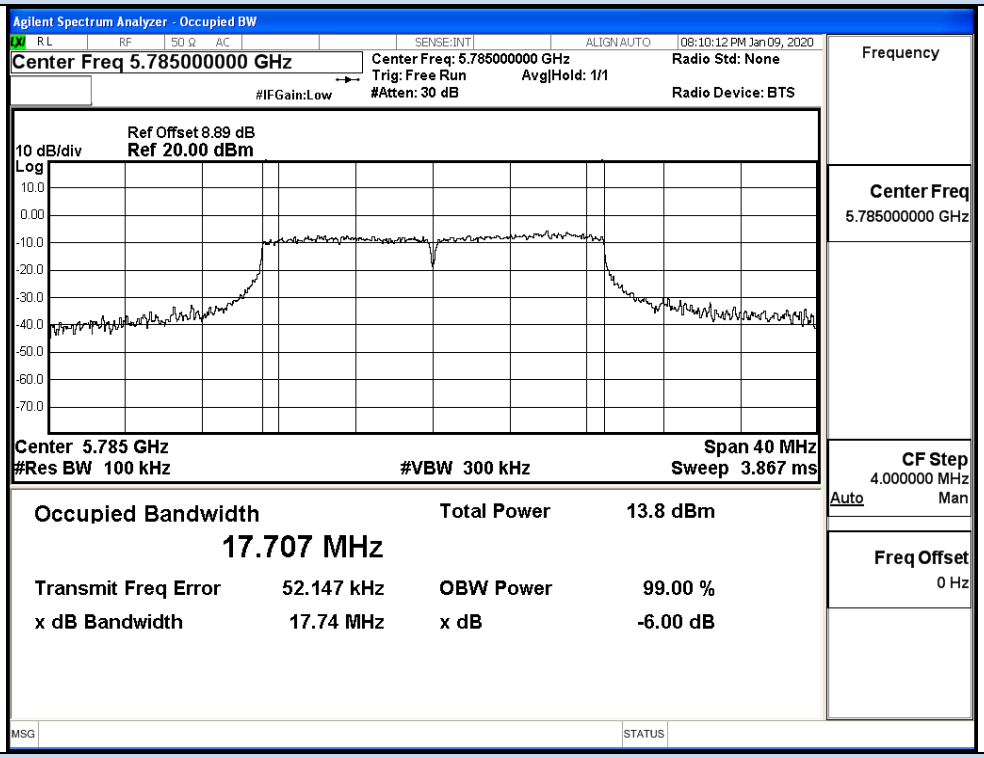


IEEE 802.11a / Channel 165 / 5825MHz_Ant_1

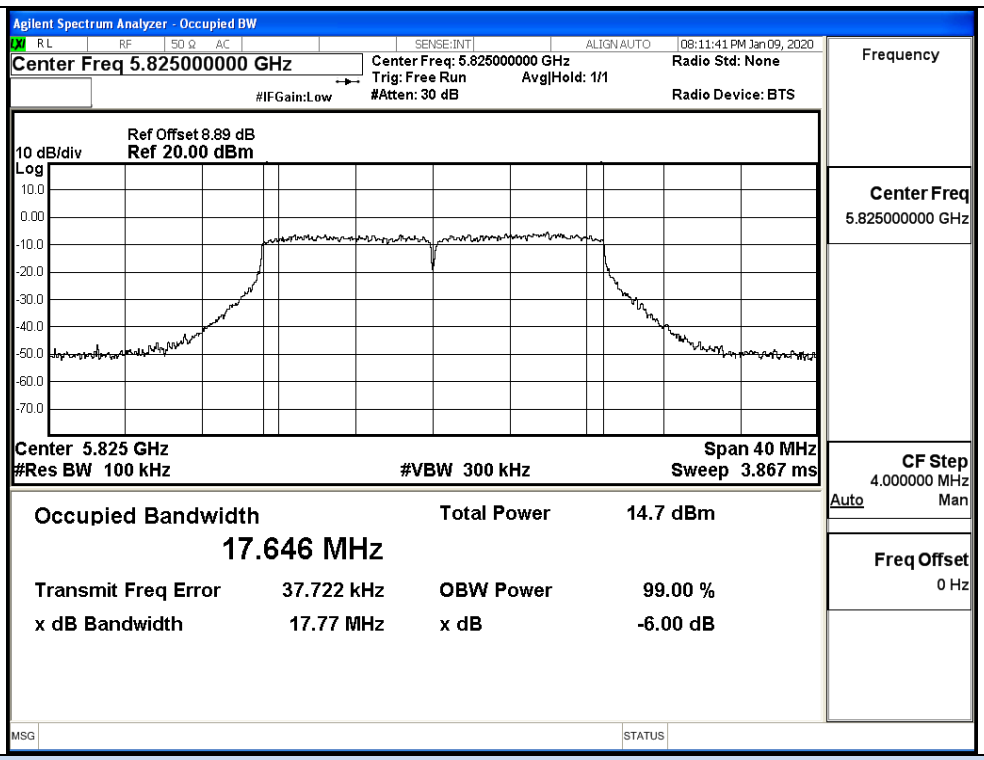
6dB Bandwidth_Ant_1



IEEE 802.11n20 / Channel 149 / 5745MHz_Ant_1

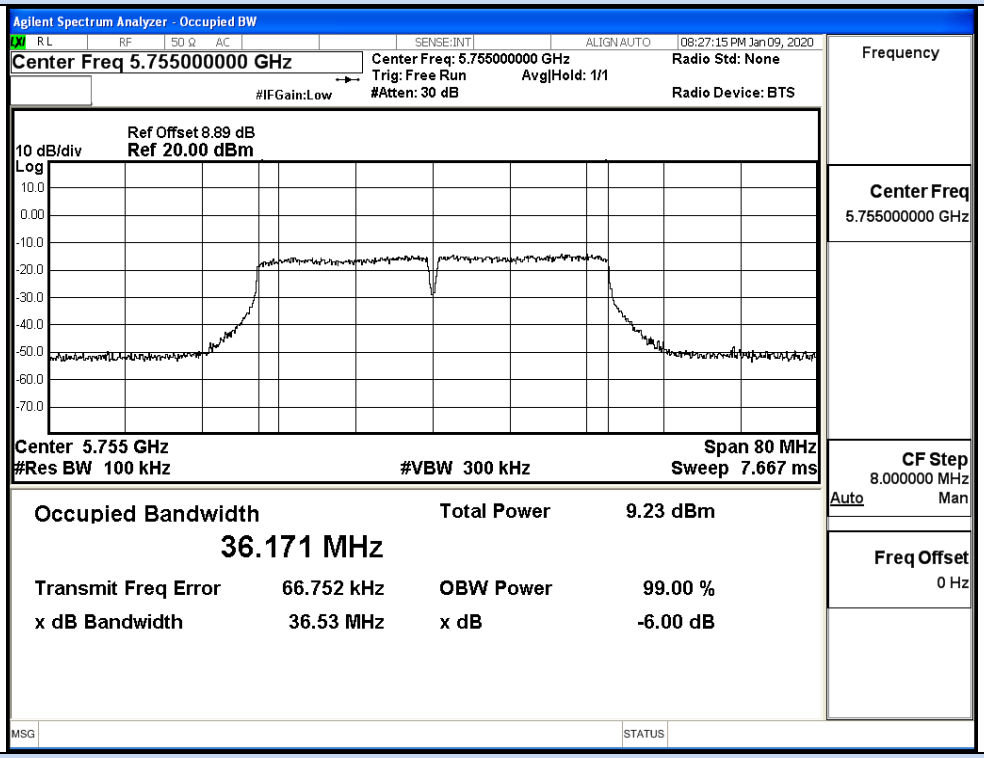


IEEE 802.11n20 / Channel 157 / 5785MHz_Ant_1

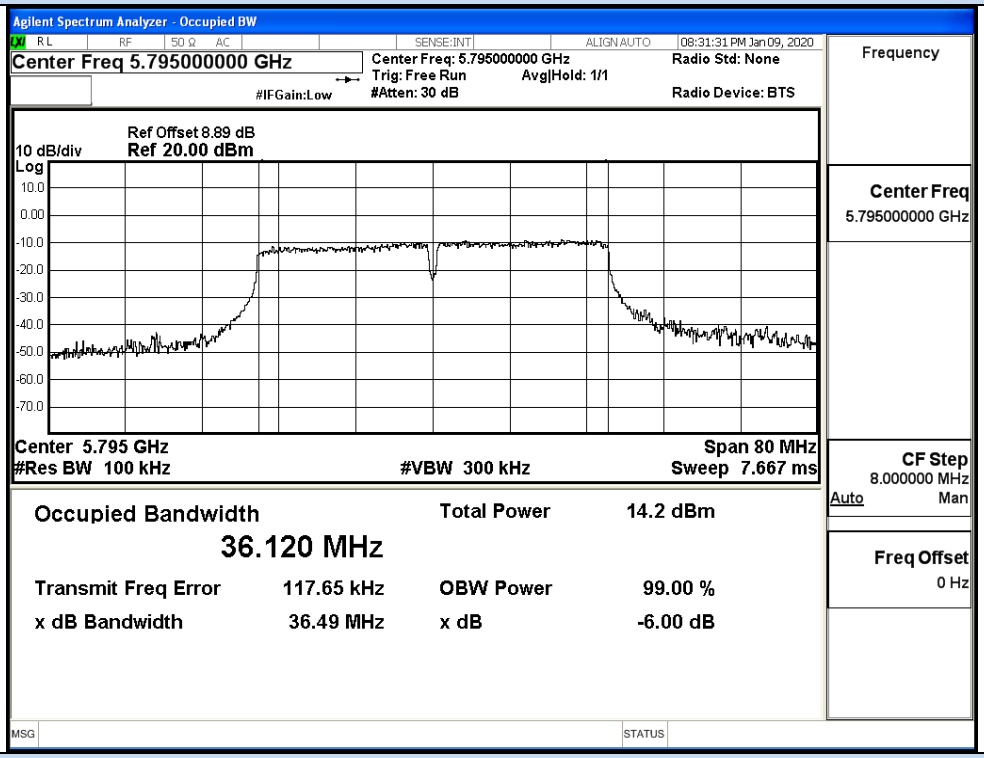


IEEE 802.11n20 / Channel 165 / 5825MHz_Ant_1

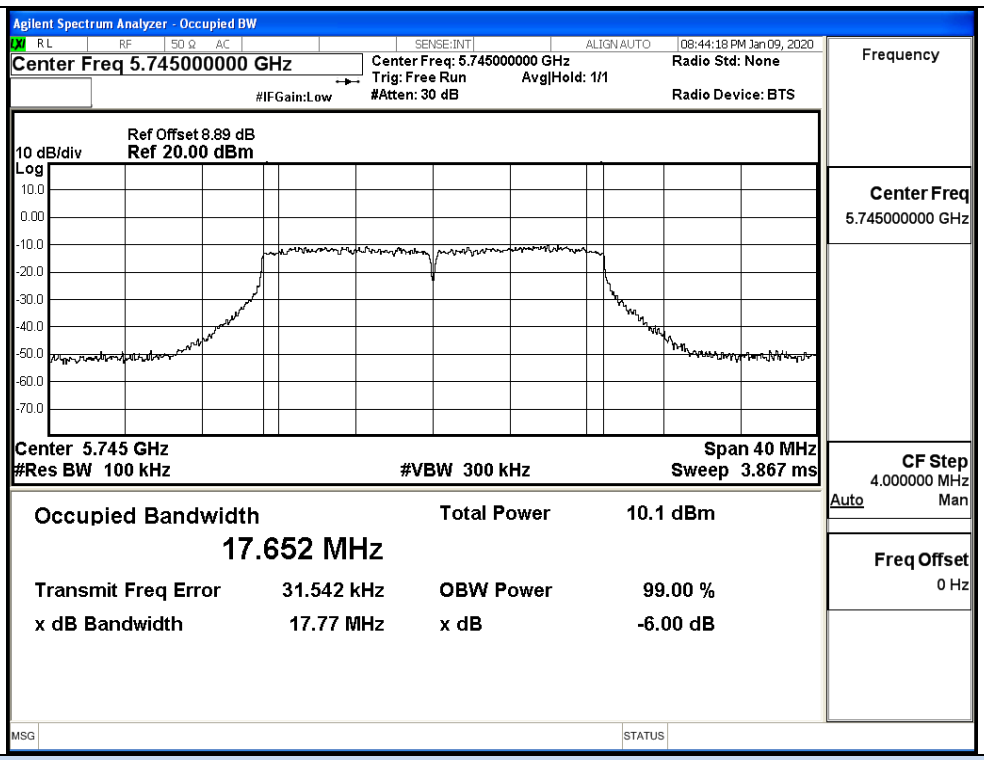
26dB Bandwidth_Ant_1



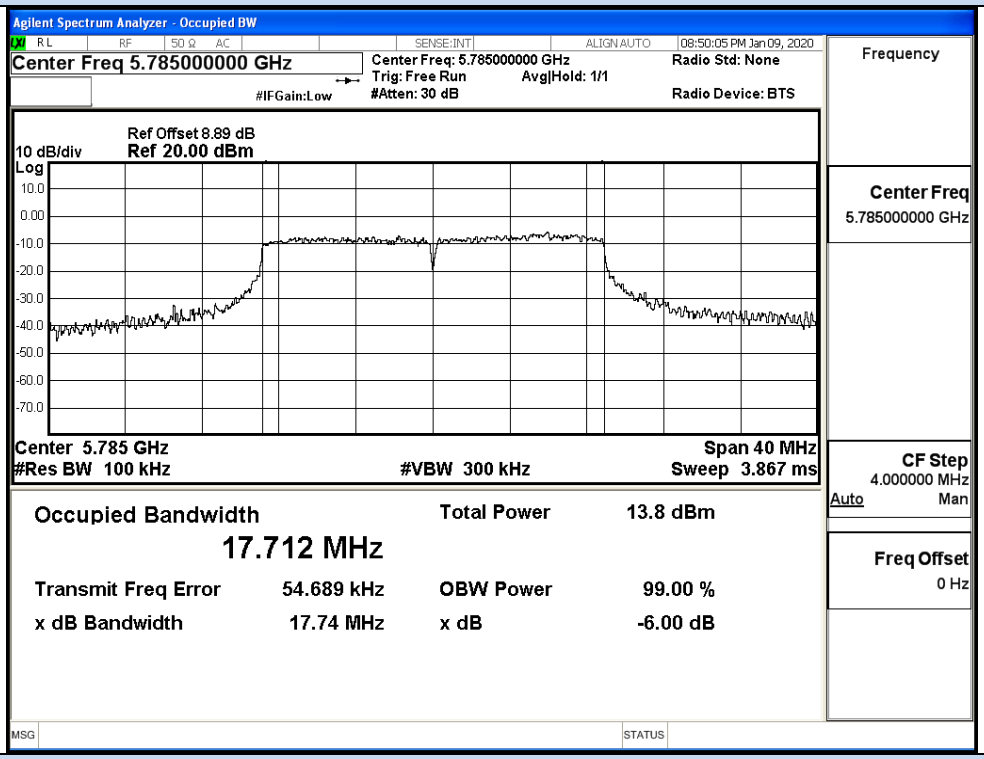
IEEE 802.11n40 / Channel 151 / 5755MHz_Ant_1



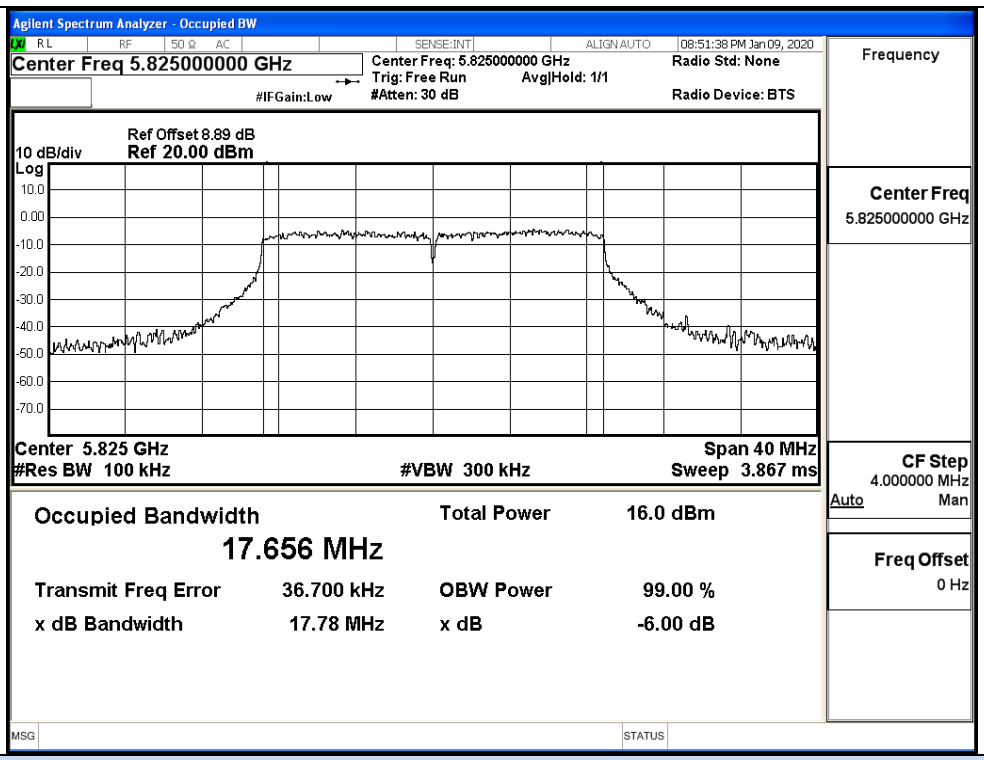
IEEE 802.11n40 / Channel 159 / 5795MHz_Ant_1



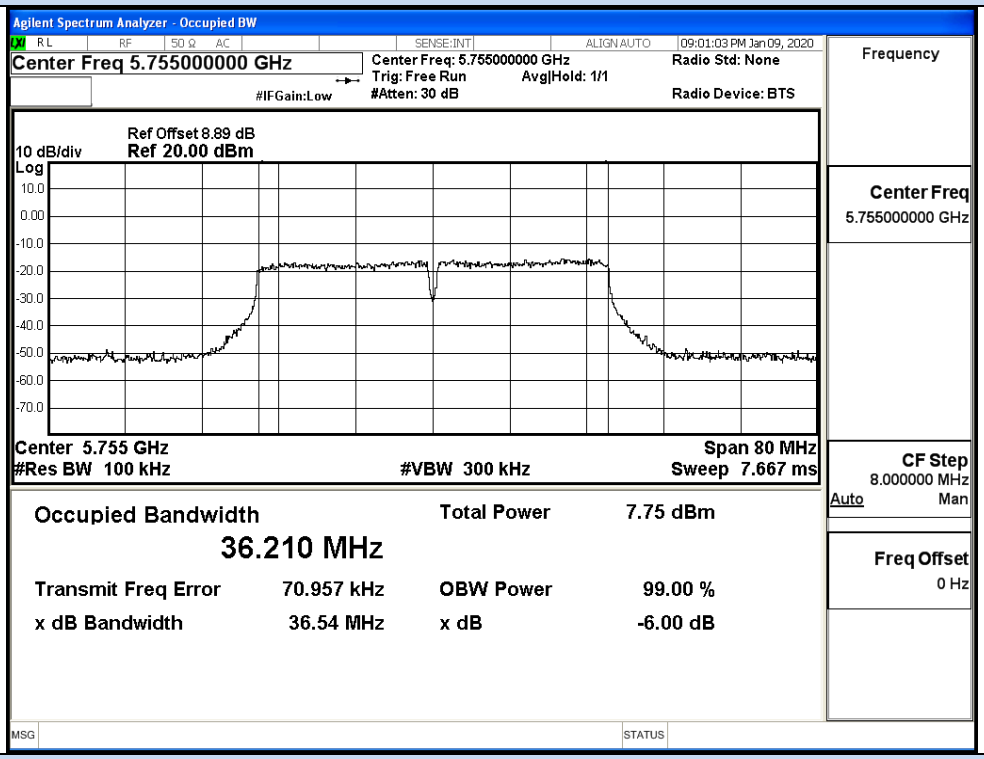
IEEE 802.11ac20 / Channel 149 / 5745MHz_Ant_1



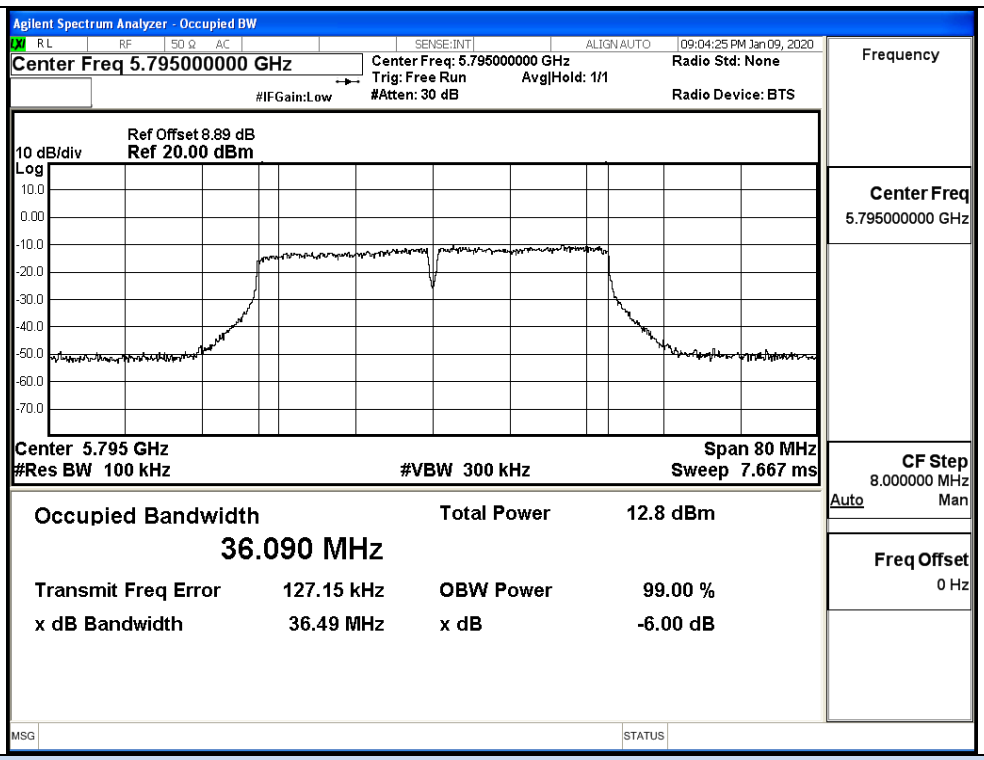
IEEE 802.11ac20 / Channel 157/ 5785MHz_Ant_1



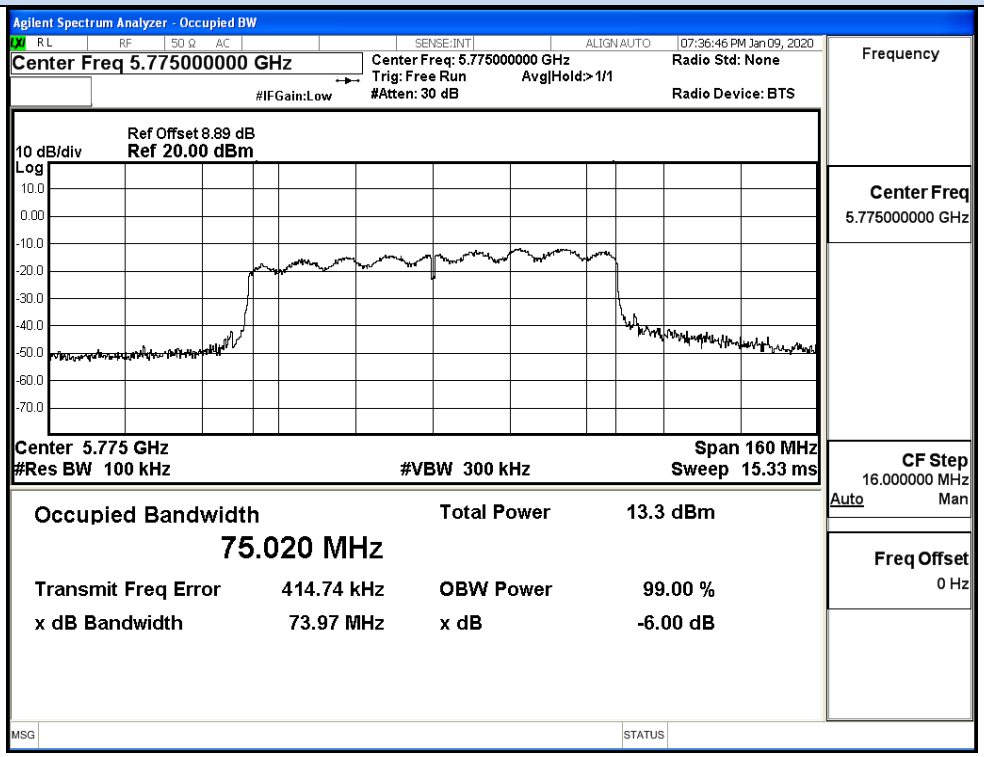
IEEE 802.11ac20 / Channel 165 / 5825MHz_Ant_1



IEEE 802.11ac40 / Channel 151 / 5755MHz_Ant_1



IEEE 802.11ac40 / Channel 159 / 5795MHz_Ant_1



IEEE 802.11ac80 / Channel 155 / 5775MHz_Ant_1

C.5 Undesirable Emissions Measurement

Ant_0

Test Mode	Channel	Frequency (MHz)	Conducted Power (dBm)	Antenna Gain (dBi)	EIRP (dBm/MHz)	Detector	Limit (dBm/MHz)	Verdict
11A	149	5650.0	-47.77	5.00	-42.77	Peak	-27.0	Pass
		5650.0	-59.31	5.00	-54.31	Average	-27.0	Pass
		5700.0	-46.60	5.00	-41.6	Peak	10	Pass
		5700.0	-58.15	5.00	-53.15	Average	10	Pass
		5720.0	-44.33	5.00	-39.33	Peak	15.6	Pass
		5720.0	-57.04	5.00	-52.04	Average	15.6	Pass
		5725.0	-43.92	5.00	-38.92	Peak	27.0	Pass
		5725.0	-55.77	5.00	-50.77	Average	27.0	Pass
	165	5850.0	-43.26	5.00	-38.26	Peak	27.0	Pass
		5850.0	-55.27	5.00	-50.27	Average	27.0	Pass
		5855.0	-43.88	5.00	-38.88	Peak	15.6	Pass
		5855.0	-56.38	5.00	-51.38	Average	15.6	Pass
		5875.0	-46.69	5.00	-41.69	Peak	10	Pass
		5875.0	-58.18	5.00	-53.18	Average	10	Pass
		5925.0	-47.23	5.00	-42.23	Peak	-27.0	Pass
		5925.0	-58.98	5.00	-53.98	Average	-27.0	Pass
11N20	149	5650.0	-47.59	5.00	-42.59	Peak	-27.0	Pass
		5650.0	-59.40	5.00	-54.4	Average	-27.0	Pass
		5700.0	-46.00	5.00	-41	Peak	10	Pass
		5700.0	-57.01	5.00	-52.01	Average	10	Pass
		5720.0	-45.12	5.00	-40.12	Peak	15.6	Pass
		5720.0	-58.18	5.00	-53.18	Average	15.6	Pass
		5725.0	-43.27	5.00	-38.27	Peak	27.0	Pass
		5725.0	-55.85	5.00	-50.85	Average	27.0	Pass
	165	5850.0	-42.31	5.00	-37.31	Peak	27.0	Pass
		5850.0	-55.34	5.00	-50.34	Average	27.0	Pass
		5855.0	-43.85	5.00	-38.85	Peak	15.6	Pass
		5855.0	-56.39	5.00	-51.39	Average	15.6	Pass
		5875.0	-46.58	5.00	-41.58	Peak	10	Pass
		5875.0	-58.20	5.00	-53.2	Average	10	Pass
		5925.0	-47.56	5.00	-42.56	Peak	-27.0	Pass
		5925.0	-59.02	5.00	-54.02	Average	-27.0	Pass
11N40	151	5650.0	-47.02	5.00	-42.02	Peak	-27.0	Pass
		5650.0	-59.30	5.00	-54.3	Average	-27.0	Pass
		5700.0	-46.50	5.00	-41.5	Peak	10	Pass
		5700.0	-57.99	5.00	-52.99	Average	10	Pass
		5720.0	-45.07	5.00	-40.07	Peak	15.6	Pass
		5720.0	-56.52	5.00	-51.52	Average	15.6	Pass
		5725.0	-43.35	5.00	-38.35	Peak	27.0	Pass
		5725.0	-55.75	5.00	-50.75	Average	27.0	Pass
	159	5850.0	-45.36	5.00	-40.36	Peak	27.0	Pass
		5850.0	-56.69	5.00	-51.69	Average	27.0	Pass
		5855.0	-45.71	5.00	-40.71	Peak	15.6	Pass
		5855.0	-57.16	5.00	-52.16	Average	15.6	Pass
		5875.0	-46.84	5.00	-41.84	Peak	10	Pass
		5875.0	-57.58	5.00	-52.58	Average	10	Pass
		5925.0	-47.74	5.00	-42.74	Peak	-27.0	Pass
		5925.0	-58.70	5.00	-53.7	Average	-27.0	Pass
11AC 20	149	5650.0	-46.25	5.00	-41.25	Peak	-27.0	Pass
		5650.0	-59.40	5.00	-54.4	Average	-27.0	Pass
		5700.0	-46.36	5.00	-41.36	Peak	10	Pass
		5700.0	-57.26	5.00	-52.26	Average	10	Pass
		5720.0	-44.60	5.00	-39.6	Peak	15.6	Pass
		5720.0	-58.28	5.00	-53.28	Average	15.6	Pass
		5725.0	-43.82	5.00	-38.82	Peak	27.0	Pass
		5725.0	-55.97	5.00	-50.97	Average	27.0	Pass
	165	5850.0	-44.13	5.00	-39.13	Peak	27.0	Pass
		5850.0	-56.11	5.00	-51.11	Average	27.0	Pass
		5855.0	-45.16	5.00	-40.16	Peak	15.6	Pass
		5855.0	-56.96	5.00	-51.96	Average	15.6	Pass
		5875.0	-46.08	5.00	-41.08	Peak	10	Pass
		5875.0	-58.24	5.00	-53.24	Average	10	Pass

		5925.0	-47.82	5.00	-42.82	Peak	-27.0	Pass
		5925.0	-58.97	5.00	-53.97	Average	-27.0	Pass
11AC 40	151	5650.0	-44.66	5.00	-39.66	Peak	-27.0	Pass
		5650.0	-60.05	5.00	-55.05	Average	-27.0	Pass
		5700.0	-35.20	5.00	-30.2	Peak	10	Pass
		5700.0	-58.33	5.00	-53.33	Average	10	Pass
		5720.0	-32.63	5.00	-27.63	Peak	15.6	Pass
		5720.0	-56.69	5.00	-51.69	Average	15.6	Pass
		5725.0	-28.63	5.00	-23.63	Peak	27.0	Pass
		5725.0	-55.90	5.00	-50.9	Average	27.0	Pass
	159	5850.0	-42.17	5.00	-37.17	Peak	27.0	Pass
		5850.0	-57.06	5.00	-52.06	Average	27.0	Pass
		5855.0	-41.37	5.00	-36.37	Peak	15.6	Pass
		5855.0	-57.65	5.00	-52.65	Average	15.6	Pass
		5875.0	-47.19	5.00	-42.19	Peak	10	Pass
		5875.0	-58.52	5.00	-53.52	Average	10	Pass
		5925.0	-47.91	5.00	-42.91	Peak	-27.0	Pass
		5925.0	-59.64	5.00	-54.64	Average	-27.0	Pass
11AC 80	155	5725.0	-37.08	5.00	-32.08	Peak	27.0	Pass
		5720.0	-36.74	5.00	-31.74	Peak	15.6	Pass
		5700.0	-43.76	5.00	-38.76	Peak	10	Pass
		5650.0	-48.17	5.00	-43.17	Peak	-27.0	Pass
		5725.0	-52.99	5.00	-47.99	Average	27.0	Pass
		5720.0	-53.89	5.00	-48.89	Average	15.6	Pass
		5700.0	-57.11	5.00	-52.11	Average	10	Pass
		5650.0	-59.13	5.00	-54.13	Average	-27.0	Pass
		5850.0	-37.08	5.00	-32.08	Peak	27.0	Pass
		5855.0	-36.74	5.00	-31.74	Peak	15.6	Pass
		5875.0	-43.76	5.00	-38.76	Peak	10	Pass
		5925.0	-48.17	5.00	-43.17	Peak	-27.0	Pass
		5850.0	-52.99	5.00	-47.99	Average	27.0	Pass
		5855.0	-53.89	5.00	-48.89	Average	15.6	Pass
		5875.0	-57.11	5.00	-52.11	Average	10	Pass
		5925.0	-59.13	5.00	-54.13	Average	-27.0	Pass

Ant_1

Test Mode	Channel	Frequency (MHz)	Conducted Power (dBm)	Antenna Gain (dBi)	EIRP (dBm/MHz)	Detector	Limit (dBm/MHz)	Verdict
11A	149	5650.0	-48.36	5.00	-43.36	Peak	-27.0	Pass
		5650.0	-60.59	5.00	-55.59	Average	-27.0	Pass
		5700.0	-47.80	5.00	-42.8	Peak	10	Pass
		5700.0	-59.96	5.00	-54.96	Average	10	Pass
		5720.0	-46.60	5.00	-41.6	Peak	15.6	Pass
		5720.0	-59.35	5.00	-54.35	Average	15.6	Pass
		5725.0	-43.04	5.00	-38.04	Peak	27.0	Pass
		5725.0	-58.47	5.00	-53.47	Average	27.0	Pass
	165	5850.0	-44.75	5.00	-39.75	Peak	27.0	Pass
		5850.0	-57.11	5.00	-52.11	Average	27.0	Pass
		5855.0	-46.10	5.00	-41.1	Peak	15.6	Pass
		5855.0	-58.09	5.00	-53.09	Average	15.6	Pass
		5875.0	-47.96	5.00	-42.96	Peak	10	Pass
		5875.0	-59.40	5.00	-54.4	Average	10	Pass
		5925.0	-47.81	5.00	-42.81	Peak	-27.0	Pass
		5925.0	-60.02	5.00	-55.02	Average	-27.0	Pass
11N20	149	5650.0	-48.13	5.00	-43.13	Peak	-27.0	Pass
		5650.0	-60.58	5.00	-55.58	Average	-27.0	Pass
		5700.0	-45.45	5.00	-40.45	Peak	10	Pass
		5700.0	-59.19	5.00	-54.19	Average	10	Pass
		5720.0	-43.11	5.00	-38.11	Peak	15.6	Pass
		5720.0	-59.90	5.00	-54.9	Average	15.6	Pass
		5725.0	-38.42	5.00	-33.42	Peak	27.0	Pass
		5725.0	-58.18	5.00	-53.18	Average	27.0	Pass
	165	5850.0	-45.34	5.00	-40.34	Peak	27.0	Pass
		5850.0	-57.07	5.00	-52.07	Average	27.0	Pass
		5855.0	-46.00	5.00	-41	Peak	15.6	Pass
		5855.0	-58.02	5.00	-53.02	Average	15.6	Pass
		5875.0	-47.74	5.00	-42.74	Peak	10	Pass
		5875.0	-59.36	5.00	-54.36	Average	10	Pass

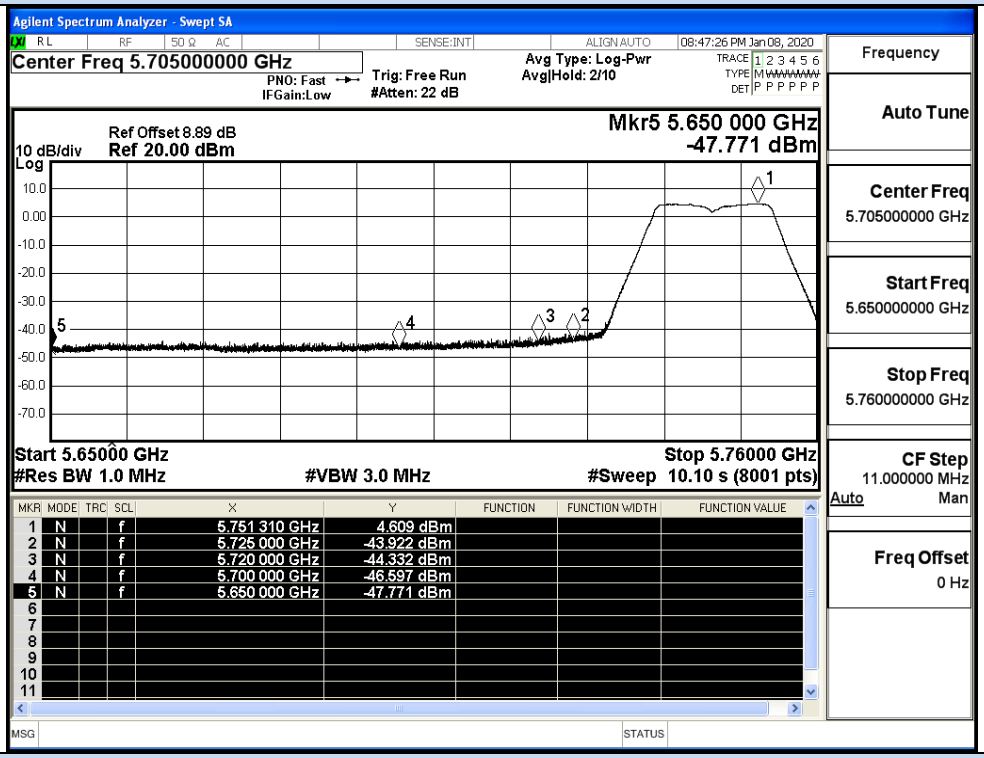
		5925.0	-48.77	5.00	-43.77	Peak	-27.0	Pass
		5925.0	-59.96	5.00	-54.96	Average	-27.0	Pass
11N40	151	5650.0	-43.42	5.00	-38.42	Peak	-27.0	Pass
		5650.0	-59.83	5.00	-54.83	Average	-27.0	Pass
		5700.0	-33.62	5.00	-28.62	Peak	10	Pass
		5700.0	-57.55	5.00	-52.55	Average	10	Pass
		5720.0	-31.62	5.00	-26.62	Peak	15.6	Pass
		5720.0	-55.45	5.00	-50.45	Average	15.6	Pass
		5725.0	-27.47	5.00	-22.47	Peak	27.0	Pass
		5725.0	-54.46	5.00	-49.46	Average	27.0	Pass
	159	5850.0	-39.85	5.00	-34.85	Peak	27.0	Pass
		5850.0	-56.95	5.00	-51.95	Average	27.0	Pass
		5855.0	-41.03	5.00	-36.03	Peak	15.6	Pass
		5855.0	-57.64	5.00	-52.64	Average	15.6	Pass
		5875.0	-47.02	5.00	-42.02	Peak	10	Pass
		5875.0	-58.46	5.00	-53.46	Average	10	Pass
		5925.0	-48.26	5.00	-43.26	Peak	-27.0	Pass
		5925.0	-59.70	5.00	-54.7	Average	-27.0	Pass
11AC 20	149	5650.0	-49.02	5.00	-44.02	Peak	-27.0	Pass
		5650.0	-60.58	5.00	-55.58	Average	-27.0	Pass
		5700.0	-47.94	5.00	-42.94	Peak	10	Pass
		5700.0	-59.43	5.00	-54.43	Average	10	Pass
		5720.0	-46.15	5.00	-41.15	Peak	15.6	Pass
		5720.0	-59.99	5.00	-54.99	Average	15.6	Pass
		5725.0	-44.02	5.00	-39.02	Peak	27.0	Pass
		5725.0	-58.64	5.00	-53.64	Average	27.0	Pass
	165	5850.0	-45.41	5.00	-40.41	Peak	27.0	Pass
		5850.0	-57.10	5.00	-52.1	Average	27.0	Pass
		5855.0	-46.11	5.00	-41.11	Peak	15.6	Pass
		5855.0	-58.01	5.00	-53.01	Average	15.6	Pass
		5875.0	-47.75	5.00	-42.75	Peak	10	Pass
		5875.0	-59.34	5.00	-54.34	Average	10	Pass
		5925.0	-48.52	5.00	-43.52	Peak	-27.0	Pass
		5925.0	-59.95	5.00	-54.95	Average	-27.0	Pass
11AC 40	151	5650.0	-48.61	5.00	-43.61	Peak	-27.0	Pass
		5650.0	-60.44	5.00	-55.44	Average	-27.0	Pass
		5700.0	-49.13	5.00	-44.13	Peak	10	Pass
		5700.0	-59.91	5.00	-54.91	Average	10	Pass
		5720.0	-47.89	5.00	-42.89	Peak	15.6	Pass
		5720.0	-59.29	5.00	-54.29	Average	15.6	Pass
		5725.0	-47.82	5.00	-42.82	Peak	27.0	Pass
		5725.0	-58.92	5.00	-53.92	Average	27.0	Pass
	159	5850.0	-46.30	5.00	-41.3	Peak	27.0	Pass
		5850.0	-57.22	5.00	-52.22	Average	27.0	Pass
		5855.0	-45.36	5.00	-40.36	Peak	15.6	Pass
		5855.0	-57.87	5.00	-52.87	Average	15.6	Pass
		5875.0	-46.46	5.00	-41.46	Peak	10	Pass
		5875.0	-58.52	5.00	-53.52	Average	10	Pass
		5925.0	-48.84	5.00	-43.84	Peak	-27.0	Pass
		5925.0	-59.69	5.00	-54.69	Average	-27.0	Pass
11AC 80	155	5725.0	-35.92	5.00	-30.92	Peak	27.0	Pass
		5720.0	-35.23	5.00	-30.23	Peak	15.6	Pass
		5700.0	-42.09	5.00	-37.09	Peak	10	Pass
		5650.0	-48.33	5.00	-43.33	Peak	-27.0	Pass
		5725.0	-51.90	5.00	-46.9	Average	27.0	Pass
		5720.0	-52.90	5.00	-47.9	Average	15.6	Pass
		5700.0	-56.68	5.00	-51.68	Average	10	Pass
		5650.0	-59.10	5.00	-54.1	Average	-27.0	Pass
		5850.0	-35.92	5.00	-30.92	Peak	27.0	Pass
		5855.0	-35.23	5.00	-30.23	Peak	15.6	Pass
		5875.0	-42.09	5.00	-37.09	Peak	10	Pass
		5925.0	-48.33	5.00	-43.33	Peak	-27.0	Pass
		5850.0	-51.90	5.00	-46.9	Average	27.0	Pass
		5855.0	-52.90	5.00	-47.9	Average	15.6	Pass
		5875.0	-56.68	5.00	-51.68	Average	10	Pass
		5925.0	-59.10	5.00	-54.1	Average	-27.0	Pass

Combined Ant_0 and Ant_1

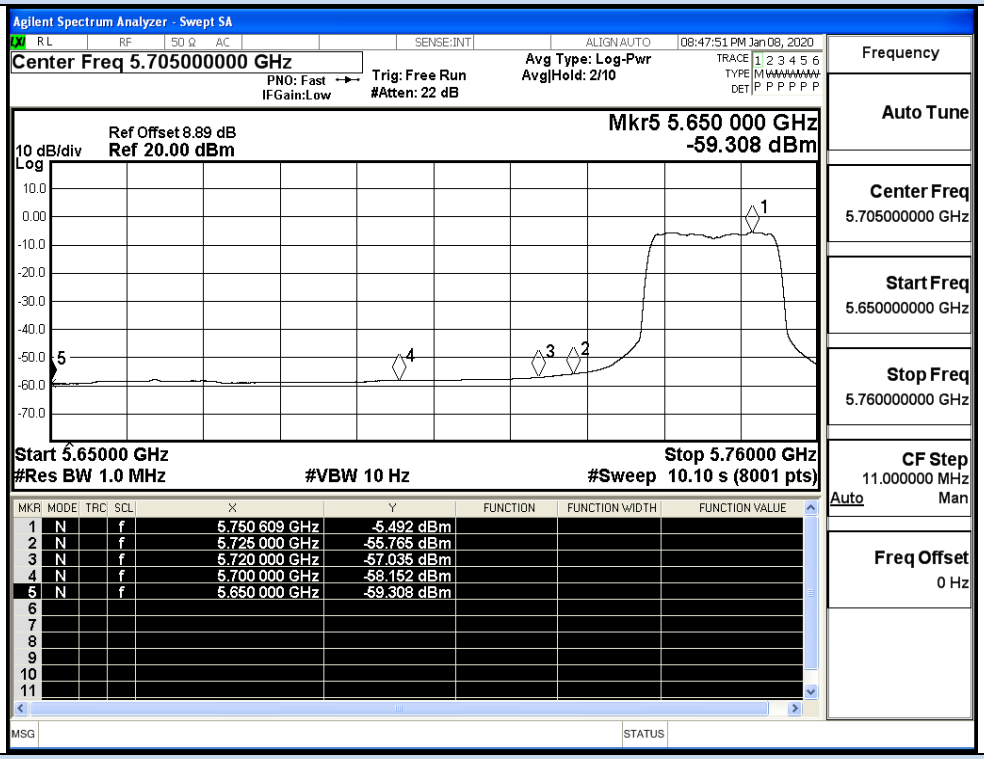
Test Mode	Channel	Frequency (MHz)	Conducted Power (dBm)			Antenna Gain (dBi)	EIRP (dBm/MHz)	Detector	Limit (dBm/MHz)	Verdict
			Ant_0	Ant_1	Sum					
11N20	149	5650.0	-47.59	-48.13	-44.84	8.01	-36.83	Peak	-27.0	Pass
		5650.0	-59.40	-60.58	-56.94	8.01	-48.93	Average	-27.0	Pass
		5700.0	-46.00	-45.45	-42.71	8.01	-34.70	Peak	10	Pass
		5700.0	-57.01	-59.19	-54.95	8.01	-46.94	Average	10	Pass
		5720.0	-45.12	-43.11	-40.99	8.01	-32.98	Peak	15.6	Pass
		5720.0	-58.18	-59.90	-55.95	8.01	-47.94	Average	15.6	Pass
		5725.0	-43.27	-38.42	-37.19	8.01	-29.18	Peak	27.0	Pass
		5725.0	-55.85	-58.18	-53.85	8.01	-45.84	Average	27.0	Pass
	165	5850.0	-42.31	-45.34	-40.56	8.01	-32.55	Peak	27.0	Pass
		5850.0	-55.34	-57.07	-53.11	8.01	-45.10	Average	27.0	Pass
		5855.0	-43.85	-46.00	-41.78	8.01	-33.77	Peak	15.6	Pass
		5855.0	-56.39	-58.02	-54.12	8.01	-46.11	Average	15.6	Pass
		5875.0	-46.58	-47.74	-44.11	8.01	-36.10	Peak	10	Pass
		5875.0	-58.20	-59.36	-55.73	8.01	-47.72	Average	10	Pass
		5925.0	-47.56	-48.77	-45.11	8.01	-37.10	Peak	-27.0	Pass
		5925.0	-59.02	-59.96	-56.45	8.01	-48.44	Average	-27.0	Pass
11N40	151	5650.0	-47.02	-43.42	-41.85	8.01	-33.84	Peak	-27.0	Pass
		5650.0	-59.30	-59.83	-56.55	8.01	-48.54	Average	-27.0	Pass
		5700.0	-46.50	-33.62	-33.40	8.01	-25.39	Peak	10	Pass
		5700.0	-57.99	-57.55	-54.75	8.01	-46.74	Average	10	Pass
		5720.0	-45.07	-31.62	-31.43	8.01	-23.42	Peak	15.6	Pass
		5720.0	-56.52	-55.45	-52.94	8.01	-44.93	Average	15.6	Pass
		5725.0	-43.35	-27.47	-27.36	8.01	-19.35	Peak	27.0	Pass
		5725.0	-55.75	-54.46	-52.05	8.01	-44.04	Average	27.0	Pass
	159	5850.0	-45.36	-39.85	-38.77	8.01	-30.76	Peak	27.0	Pass
		5850.0	-56.69	-56.95	-53.81	8.01	-45.80	Average	27.0	Pass
		5855.0	-45.71	-41.03	-39.76	8.01	-31.75	Peak	15.6	Pass
		5855.0	-57.16	-57.64	-54.38	8.01	-46.37	Average	15.6	Pass
		5875.0	-46.84	-47.02	-43.92	8.01	-35.91	Peak	10	Pass
		5875.0	-57.58	-58.46	-54.99	8.01	-46.98	Average	10	Pass
		5925.0	-47.74	-48.26	-44.98	8.01	-36.97	Peak	-27.0	Pass
		5925.0	-58.70	-59.70	-56.16	8.01	-48.15	Average	-27.0	Pass
11AC 20	149	5650.0	-46.25	-49.02	-44.41	8.01	-36.40	Peak	-27.0	Pass
		5650.0	-59.40	-60.58	-56.94	8.01	-48.93	Average	-27.0	Pass
		5700.0	-46.36	-47.94	-44.07	8.01	-36.06	Peak	10	Pass
		5700.0	-57.26	-59.43	-55.20	8.01	-47.19	Average	10	Pass
		5720.0	-44.60	-46.15	-42.30	8.01	-34.29	Peak	15.6	Pass
		5720.0	-58.28	-59.99	-56.04	8.01	-48.03	Average	15.6	Pass
		5725.0	-43.82	-44.02	-40.91	8.01	-32.90	Peak	27.0	Pass
		5725.0	-55.97	-58.64	-54.09	8.01	-46.08	Average	27.0	Pass
	165	5850.0	-44.13	-45.41	-41.71	8.01	-33.70	Peak	27.0	Pass
		5850.0	-56.11	-57.10	-53.57	8.01	-45.56	Average	27.0	Pass
		5855.0	-45.16	-46.11	-42.60	8.01	-34.59	Peak	15.6	Pass
		5855.0	-56.96	-58.01	-54.44	8.01	-46.43	Average	15.6	Pass
		5875.0	-46.08	-47.75	-43.82	8.01	-35.81	Peak	10	Pass
		5875.0	-58.24	-59.34	-55.74	8.01	-47.73	Average	10	Pass
		5925.0	-47.82	-48.52	-45.15	8.01	-37.14	Peak	-27.0	Pass
		5925.0	-58.97	-59.95	-56.42	8.01	-48.41	Average	-27.0	Pass
11AC 40	151	5650.0	-44.66	-48.61	-43.19	8.01	-35.18	Peak	-27.0	Pass
		5650.0	-60.05	-60.44	-57.23	8.01	-49.22	Average	-27.0	Pass
		5700.0	-35.20	-49.13	-35.03	8.01	-27.02	Peak	10	Pass
		5700.0	-58.33	-59.91	-56.04	8.01	-48.03	Average	10	Pass
		5720.0	-32.63	-47.89	-32.50	8.01	-24.49	Peak	15.6	Pass
		5720.0	-56.69	-59.29	-54.79	8.01	-46.78	Average	15.6	Pass
		5725.0	-28.63	-47.82	-28.58	8.01	-20.57	Peak	27.0	Pass
		5725.0	-55.90	-58.92	-54.14	8.01	-46.13	Average	27.0	Pass
	159	5850.0	-42.17	-46.30	-40.75	8.01	-32.74	Peak	27.0	Pass
		5850.0	-57.06	-57.22	-54.13	8.01	-46.12	Average	27.0	Pass
		5855.0	-41.37	-45.36	-39.91	8.01	-31.90	Peak	15.6	Pass
		5855.0	-57.65	-57.87	-54.75	8.01	-46.74	Average	15.6	Pass
		5875.0	-47.19	-46.46	-43.80	8.01	-35.79	Peak	10	Pass
		5875.0	-58.52	-58.52	-55.51	8.01	-47.50	Average	10	Pass
		5925.0	-47.91	-48.84	-45.34	8.01	-37.33	Peak	-27.0	Pass
		5925.0	-59.64	-59.69	-56.65	8.01	-48.64	Average	-27.0	Pass

11AC 80	155	5725.0	-37.08	-35.92	-33.45	8.01	-25.44	Peak	27.0	Pass
		5720.0	-36.74	-35.23	-32.91	8.01	-24.90	Peak	15.6	Pass
		5700.0	-43.76	-42.09	-39.83	8.01	-31.82	Peak	10	Pass
		5650.0	-48.17	-48.33	-45.24	8.01	-37.23	Peak	-27.0	Pass
		5725.0	-52.99	-51.90	-49.40	8.01	-41.39	Average	27.0	Pass
		5720.0	-53.89	-52.90	-50.36	8.01	-42.35	Average	15.6	Pass
		5700.0	-57.11	-56.68	-53.88	8.01	-45.87	Average	10	Pass
		5650.0	-59.13	-59.10	-56.10	8.01	-48.09	Average	-27.0	Pass
		5850.0	-37.08	-35.92	-33.45	8.01	-25.44	Peak	27.0	Pass
		5855.0	-36.74	-35.23	-32.91	8.01	-24.90	Peak	15.6	Pass
		5875.0	-43.76	-42.09	-39.83	8.01	-31.82	Peak	10	Pass
		5925.0	-48.17	-48.33	-45.24	8.01	-37.23	Peak	-27.0	Pass
		5850.0	-52.99	-51.90	-49.40	8.01	-41.39	Average	27.0	Pass
		5855.0	-53.89	-52.90	-50.36	8.01	-42.35	Average	15.6	Pass
		5875.0	-57.11	-56.68	-53.88	8.01	-45.87	Average	10	Pass
		5925.0	-59.13	-59.10	-56.10	8.01	-48.09	Average	-27.0	Pass

Undesirable Emissions Measurement_Ant_0

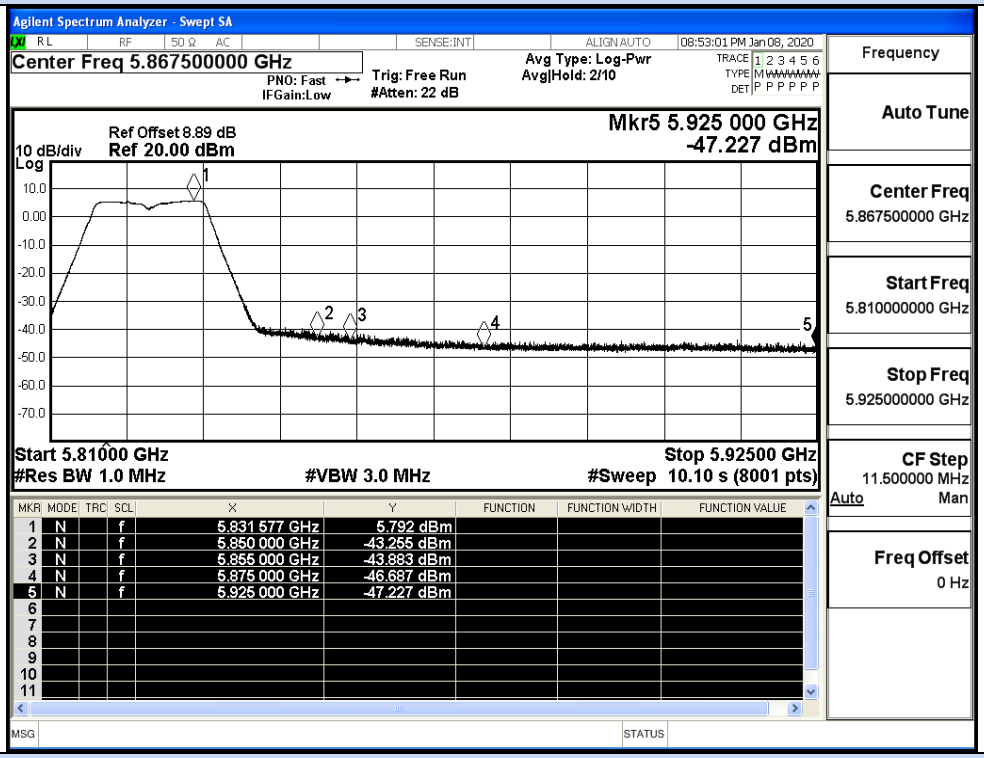


IEEE 802.11a / Channel 149 / 5745MHz / Peak_Ant_0

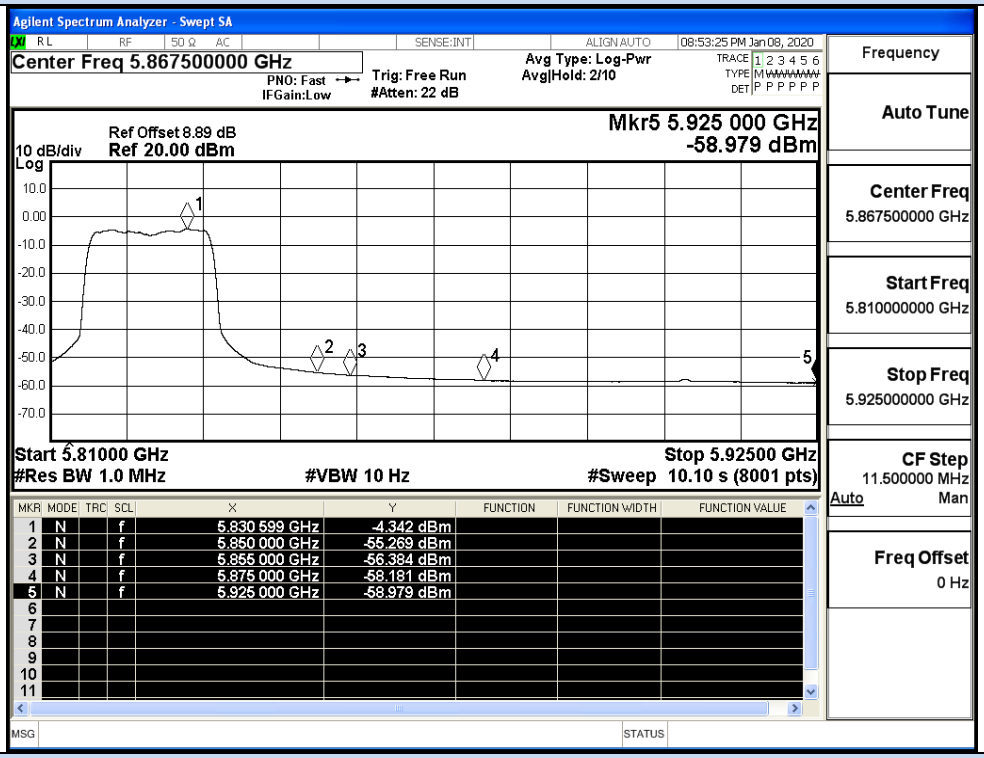


IEEE 802.11a / Channel 148 / 5745MHz / Average_Ant_0

Undesirable Emissions Measurement_Ant_0

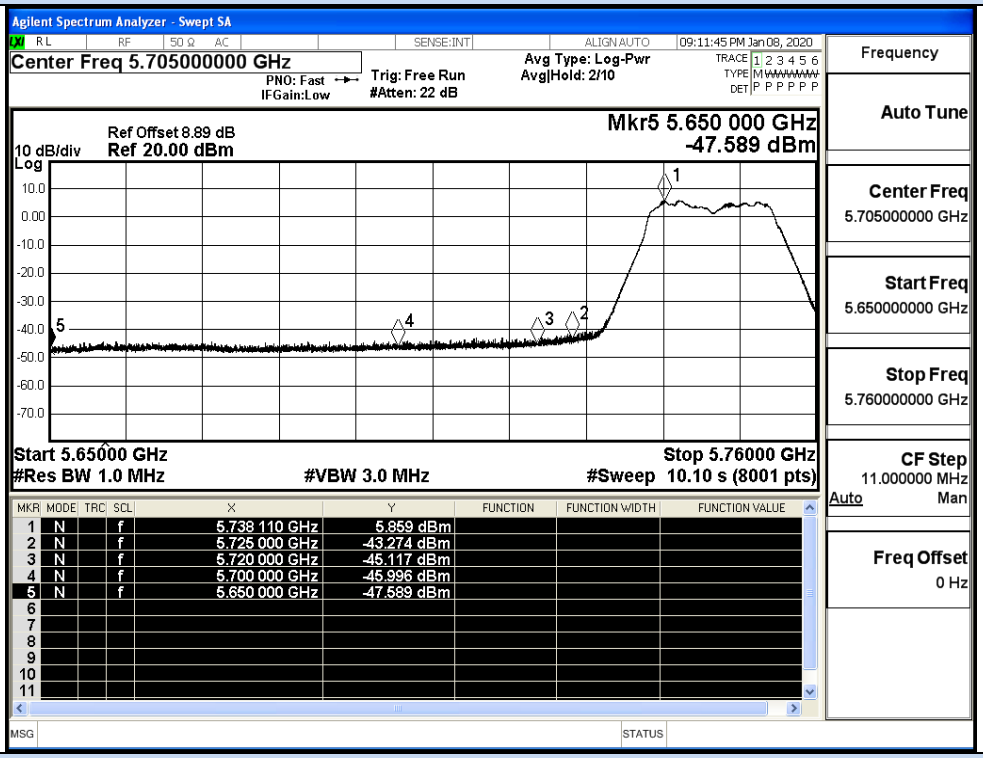


IEEE 802.11a / Channel 165 / 5825MHz / Peak_Ant_0

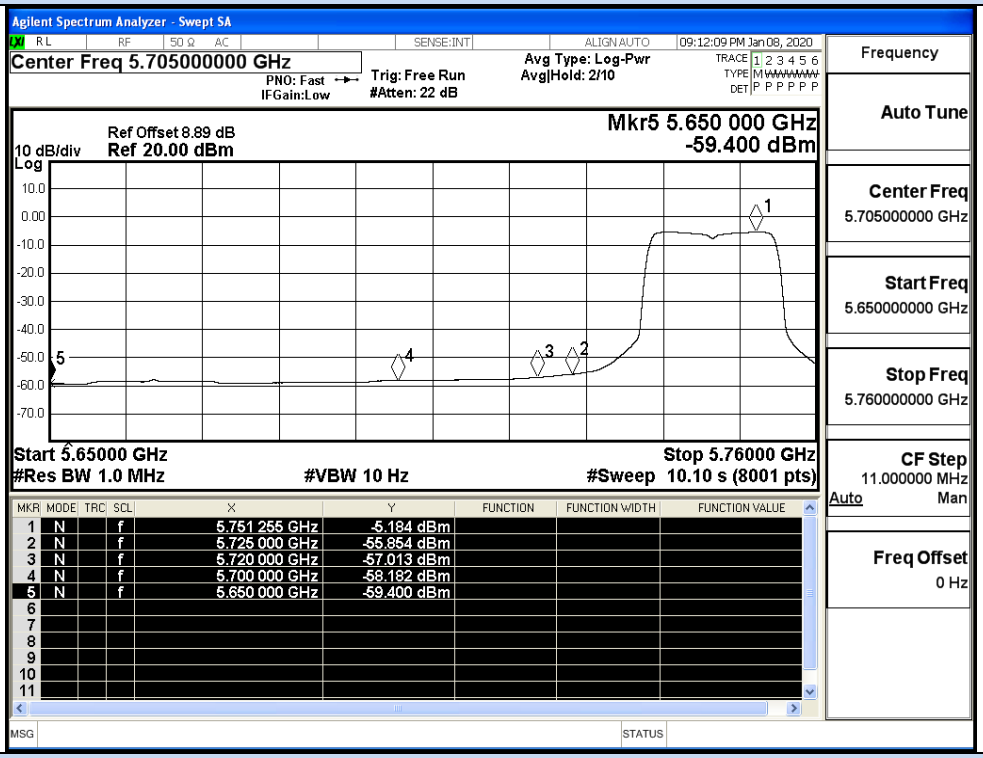


IEEE 802.11a / Channel 165 / 5825MHz / Average_Ant_0

Undesirable Emissions Measurement

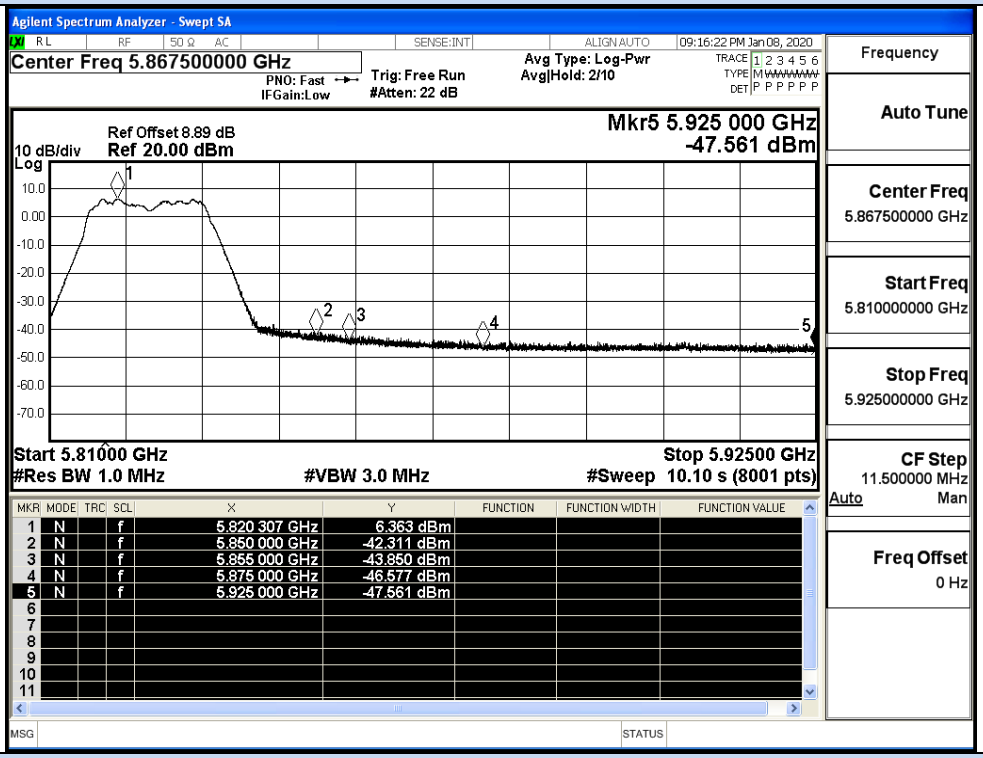


IEEE 802.11n20 / Channel 149 / 5745MHz / Peak_Ant_0

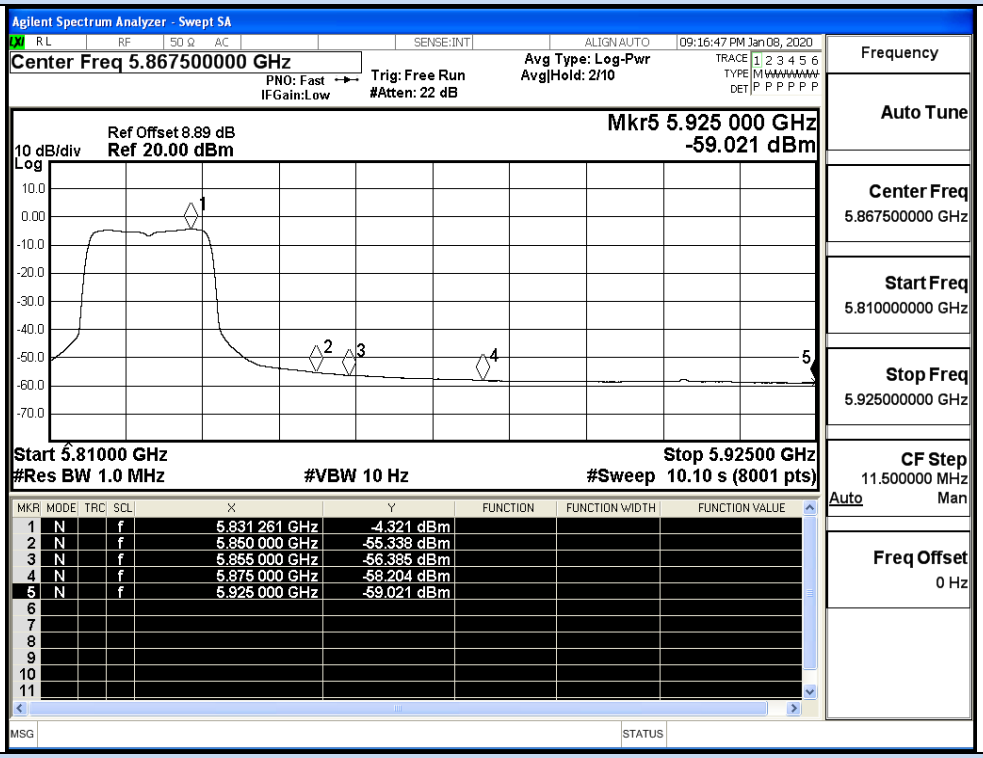


IEEE 802.11n20 / Channel 149 / 5745MHz / Average_Ant_0

Undesirable Emissions Measurement

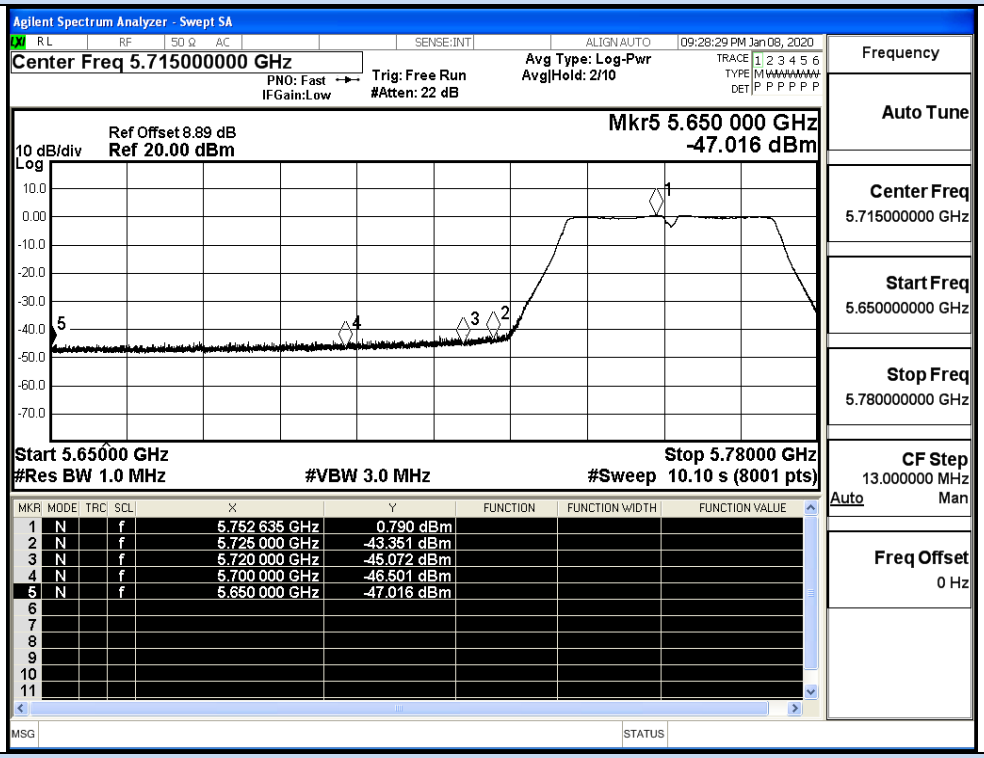


IEEE 802.11n20 / Channel 165 / 5825MHz / Peak_Ant_0

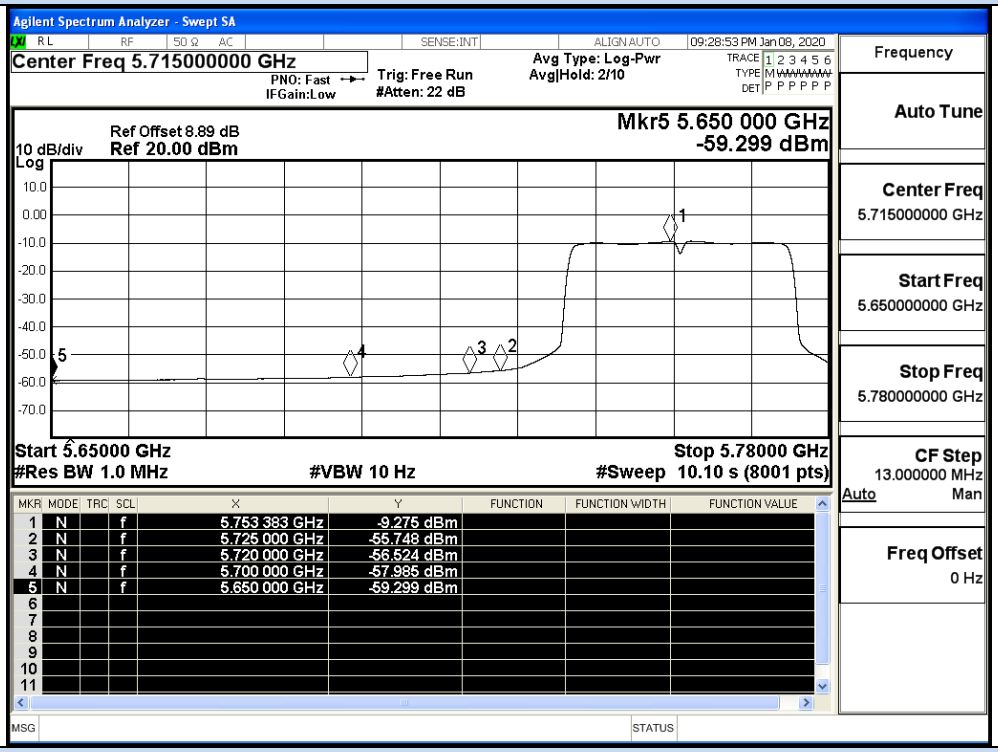


IEEE 802.11n20 / Channel 165 / 5825MHz / Average_Ant_0

Undesirable Emissions Measurement_Ant_0

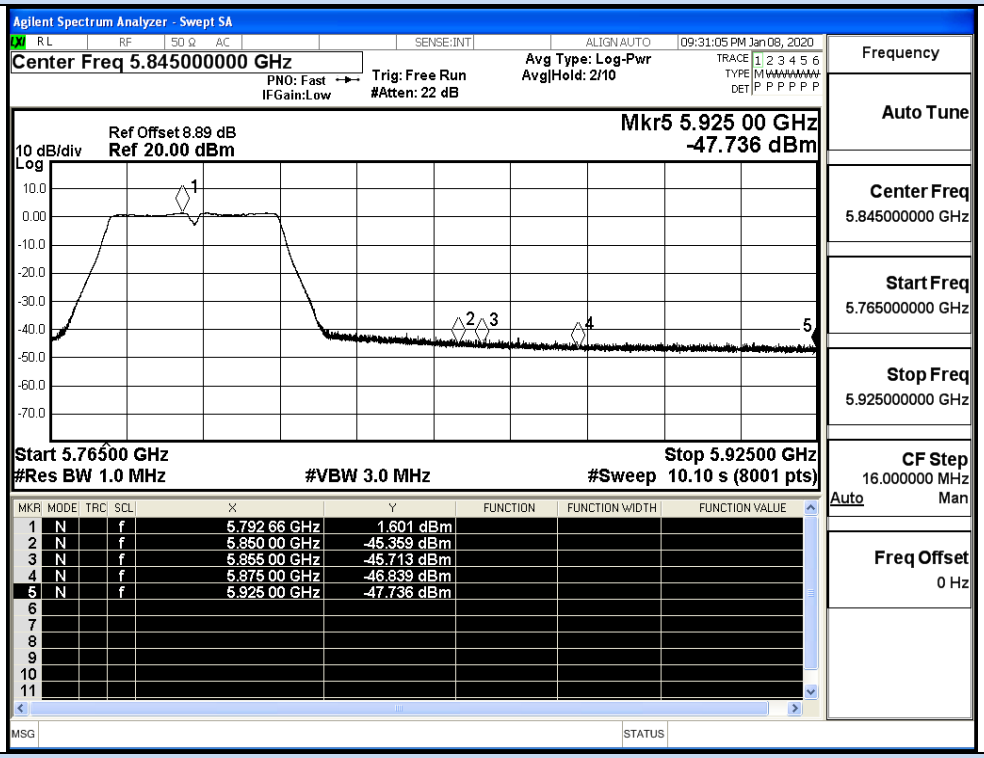


IEEE 802.11n40 / Channel 151 / 5755MHz / Peak_Ant_0

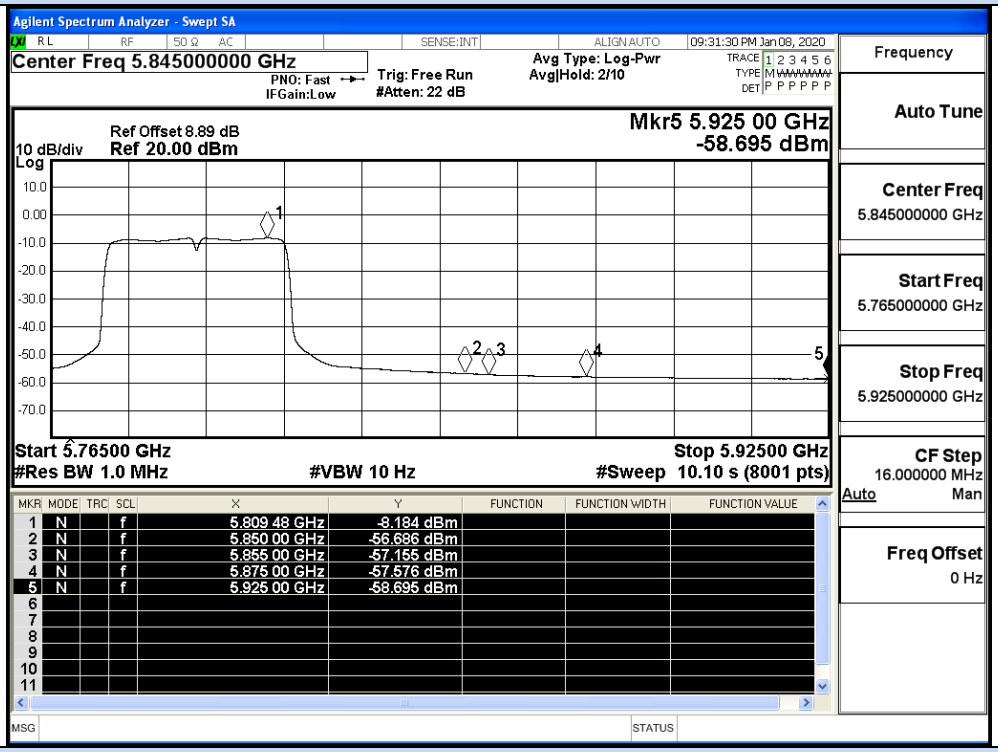


IEEE 802.11n40 / Channel 151 / 5755MHz / Average_Ant_0

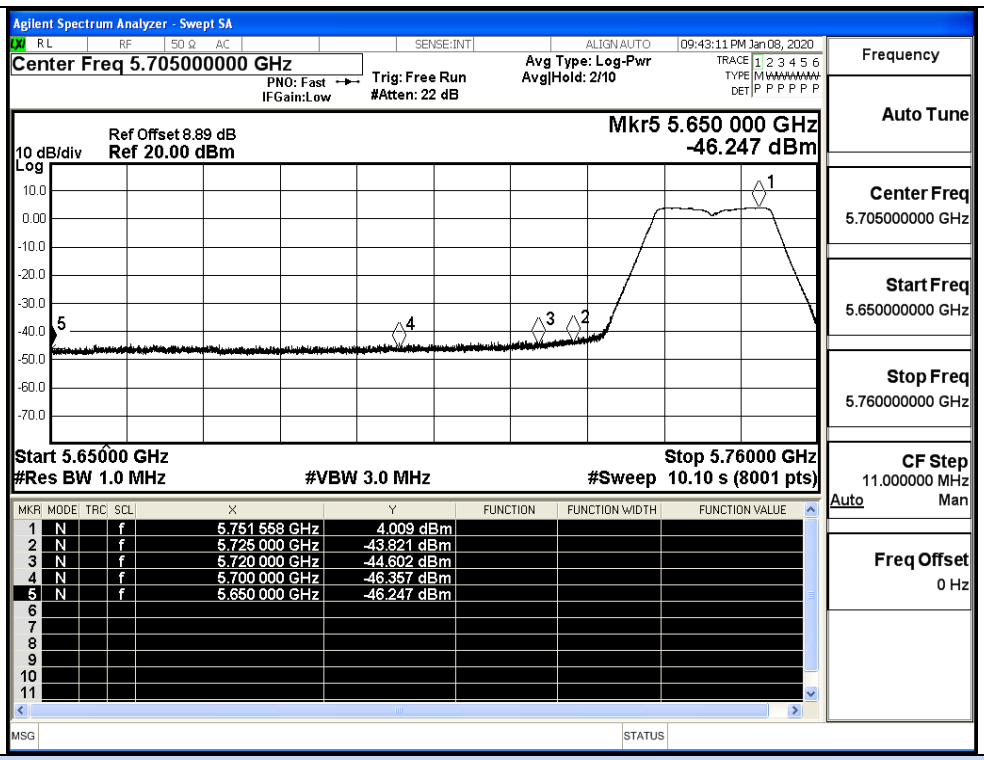
Undesirable Emissions Measurement_Ant_0



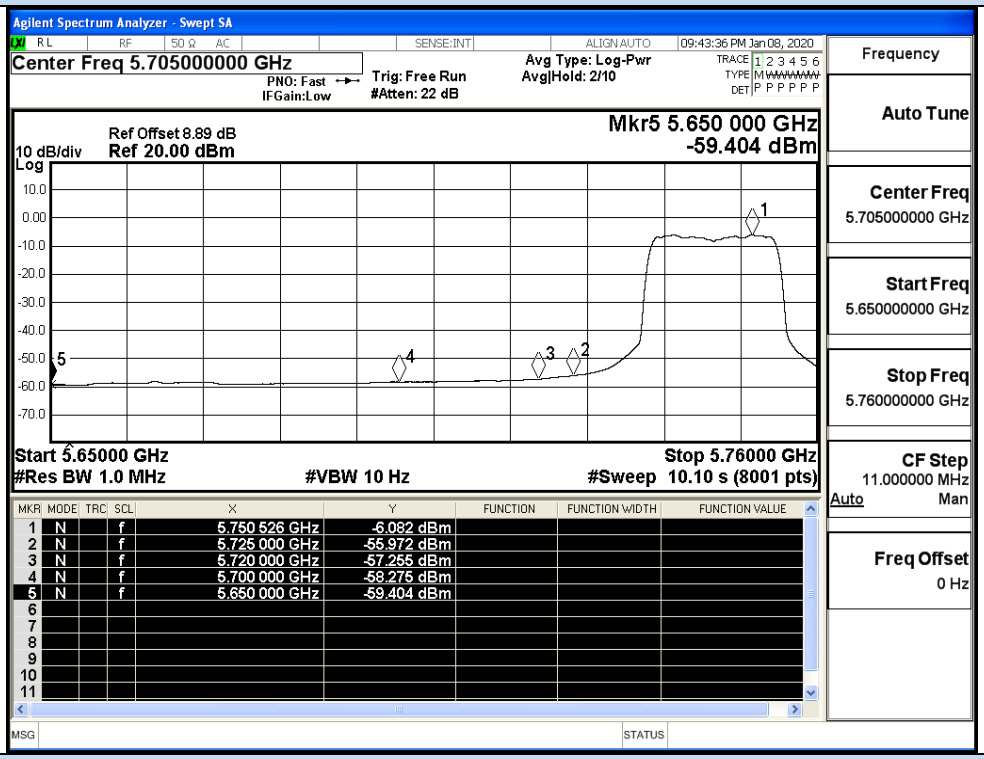
IEEE 802.11n40 / Channel 159 / 5795MHz / Peak_Ant_0



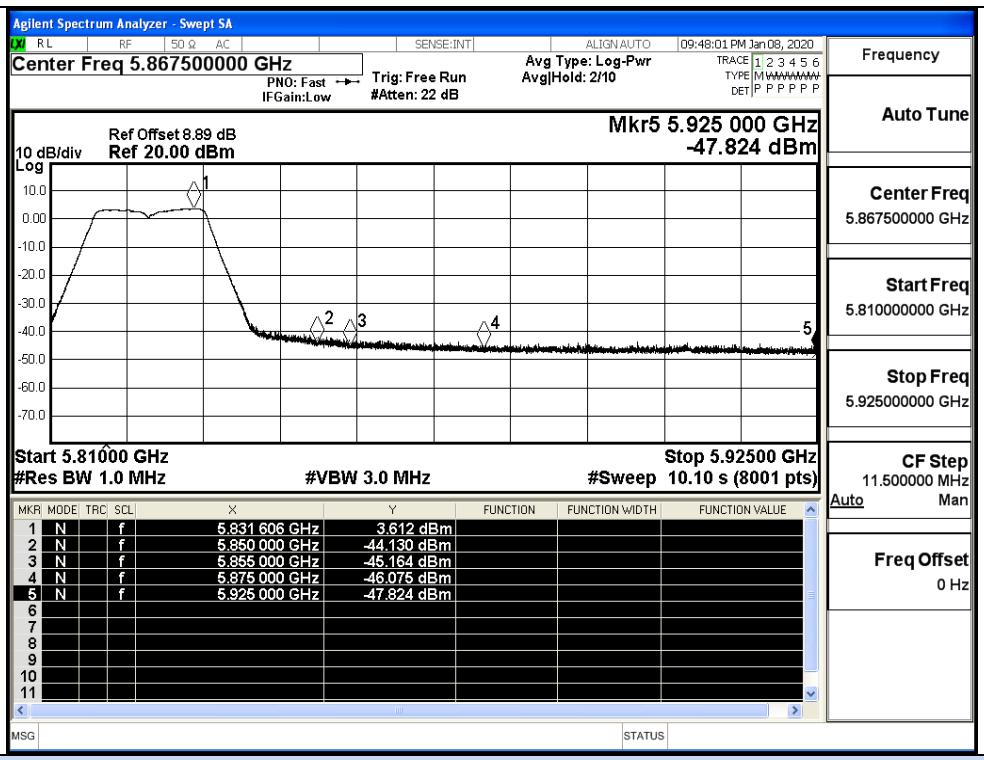
IEEE 802.11n40 / Channel 159 / 5795MHz / Average_Ant_0



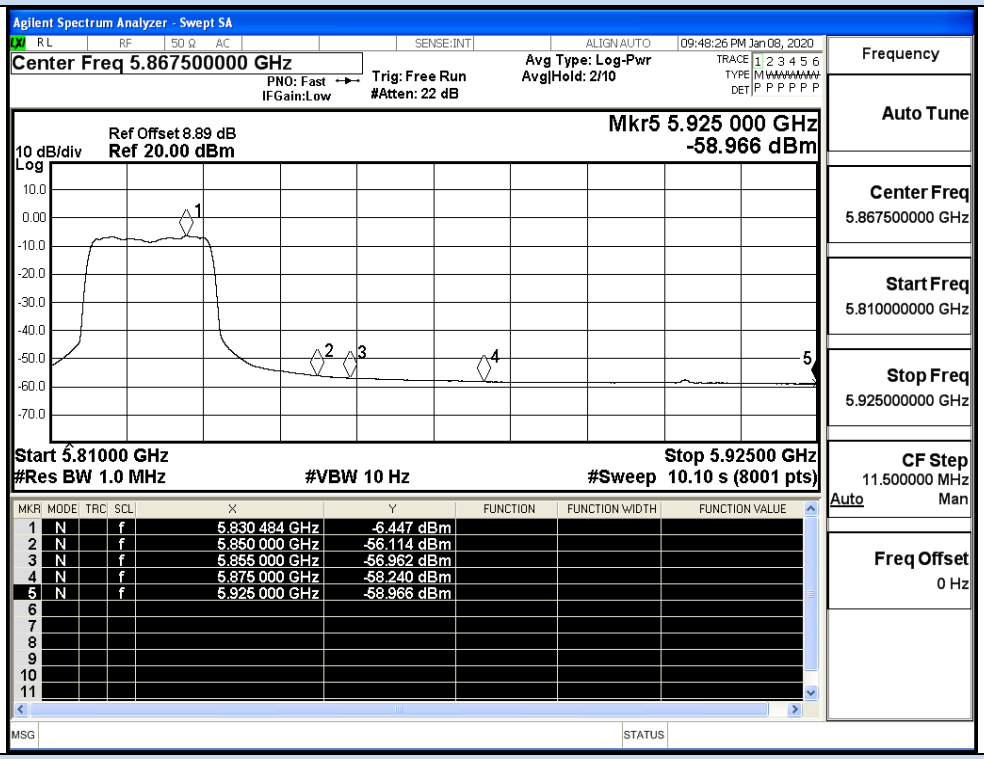
IEEE 802.11ac20 / Channel 149 / 5745MHz / Peak_Ant_0



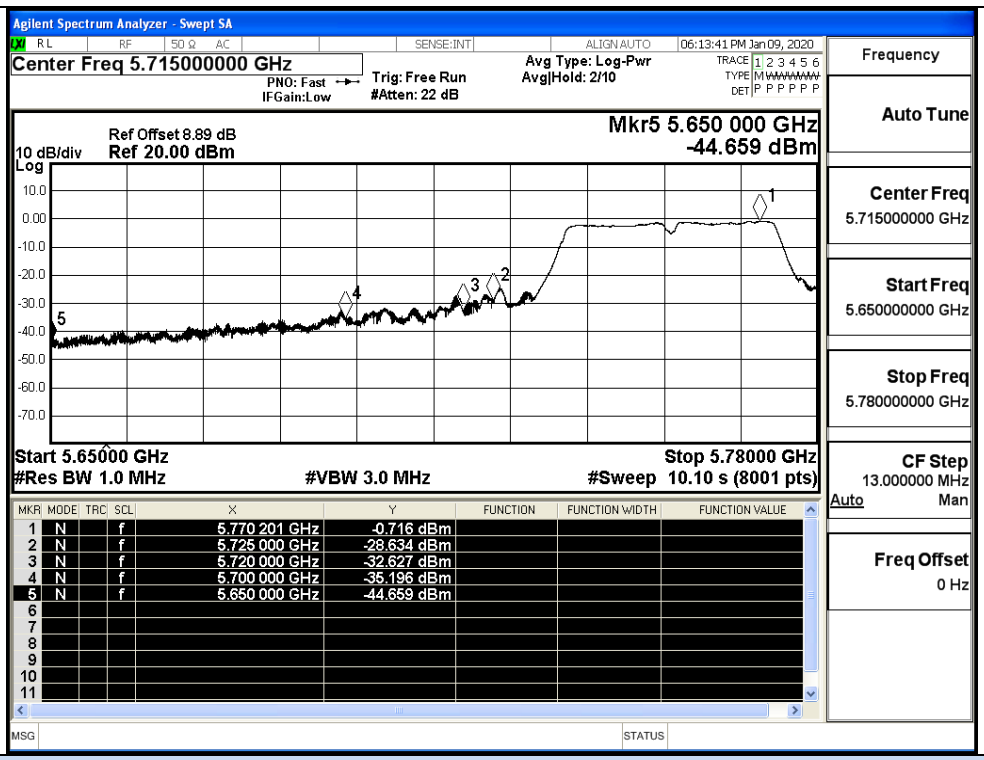
IEEE 802.11ac20 / Channel 149 / 5745MHz / Average_Ant_0



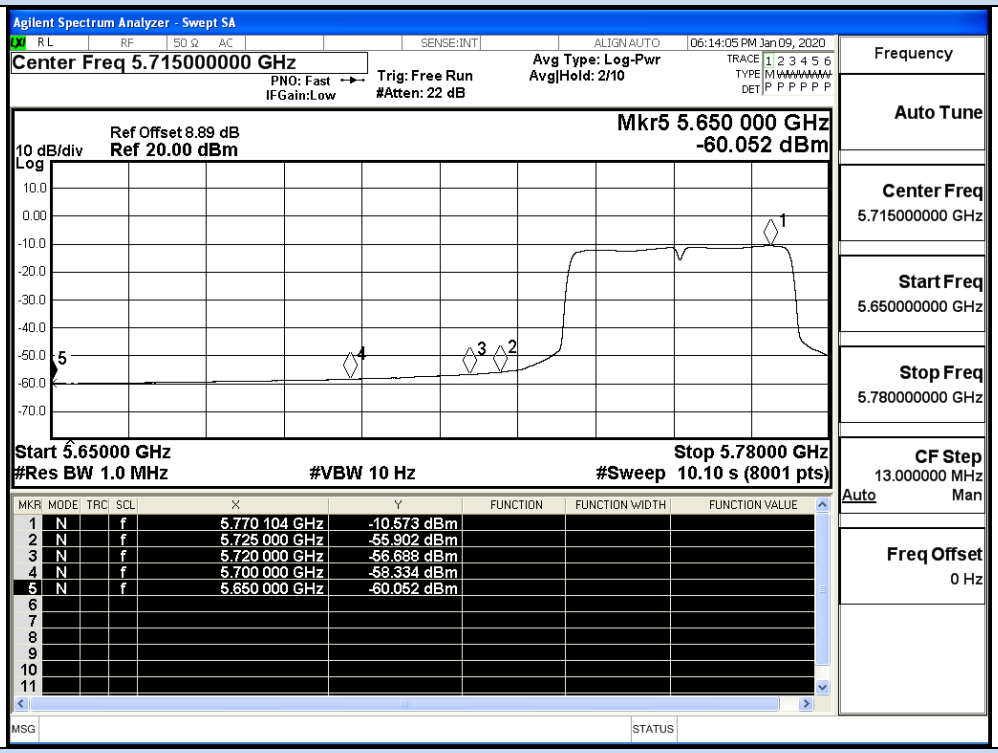
IEEE 802.11ac20 / Channel 165 / 5825MHz / Peak_Ant_0



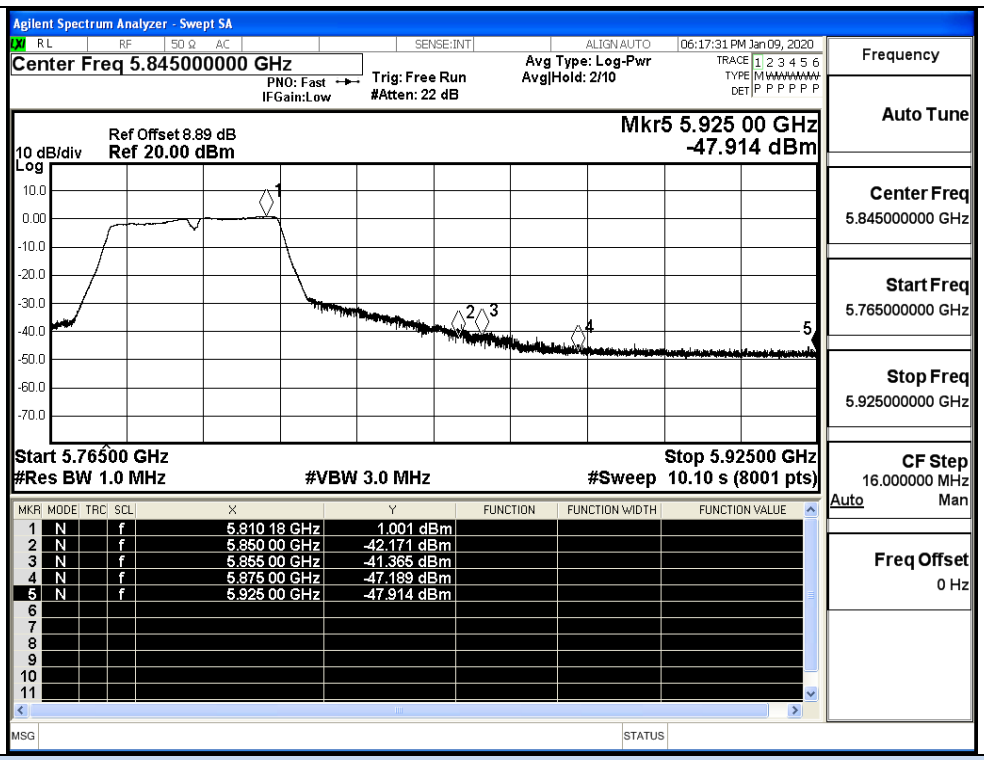
IEEE 802.11ac20 / Channel 165 / 5825MHz / Average_Ant_0



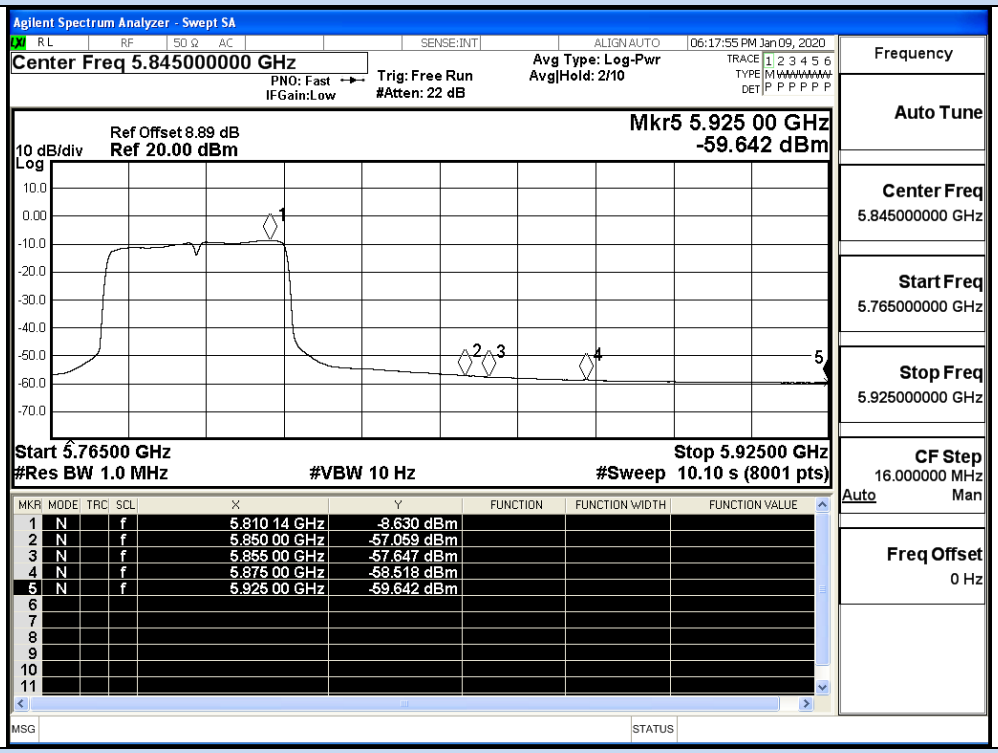
IEEE 802.11ac40 / Channel 151 / 5755MHz / Peak_Ant_0



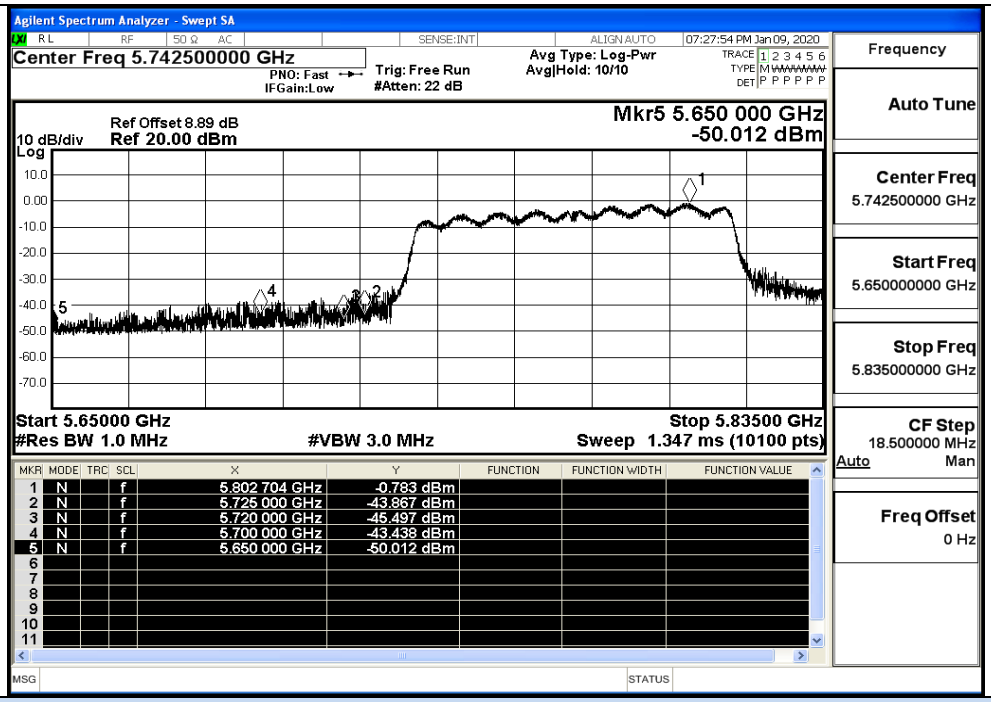
IEEE 802.11ac40 / Channel 151 / 5755MHz / Average_Ant_0



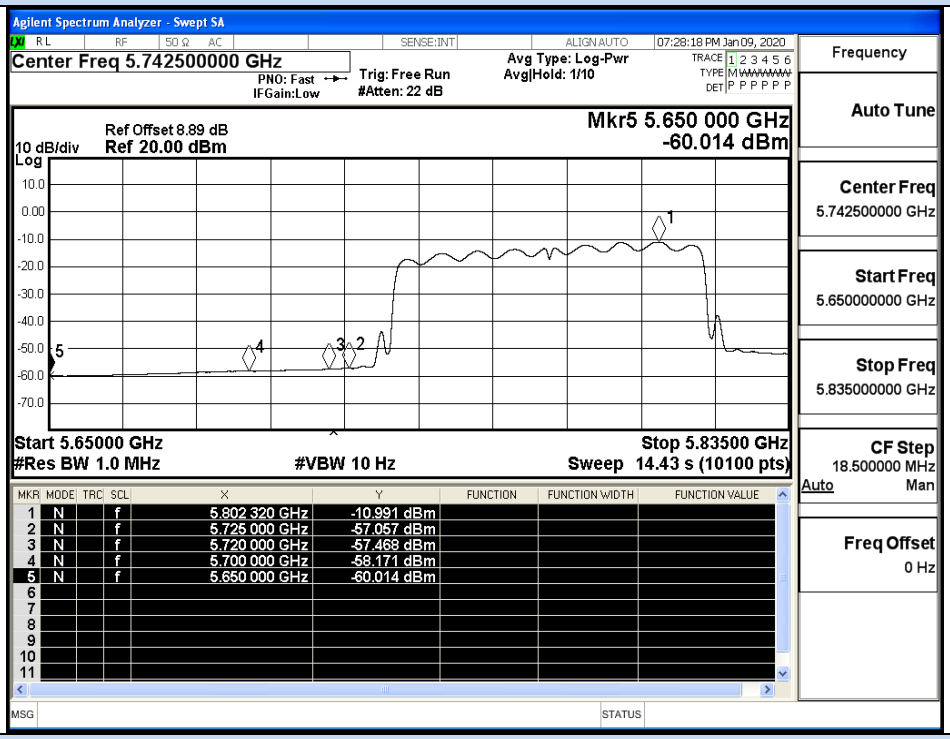
IEEE 802.11ac40 / Channel 159 / 5795MHz / Peak_Ant_0



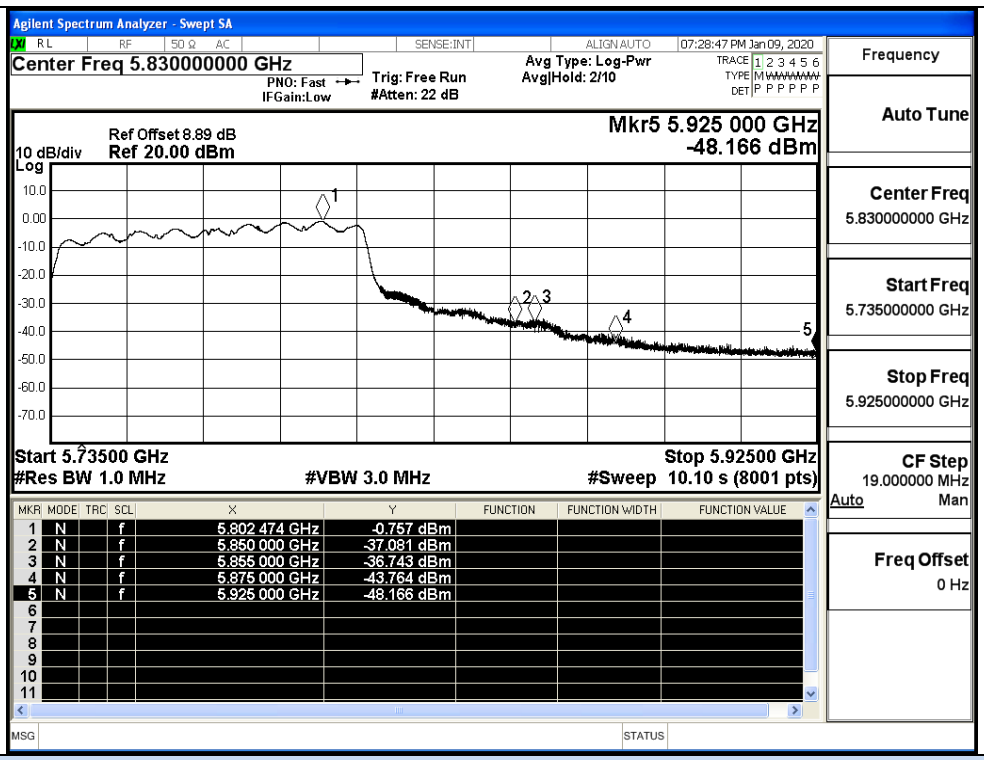
IEEE 802.11ac40 / Channel 159 / 5795MHz / Average_Ant_0



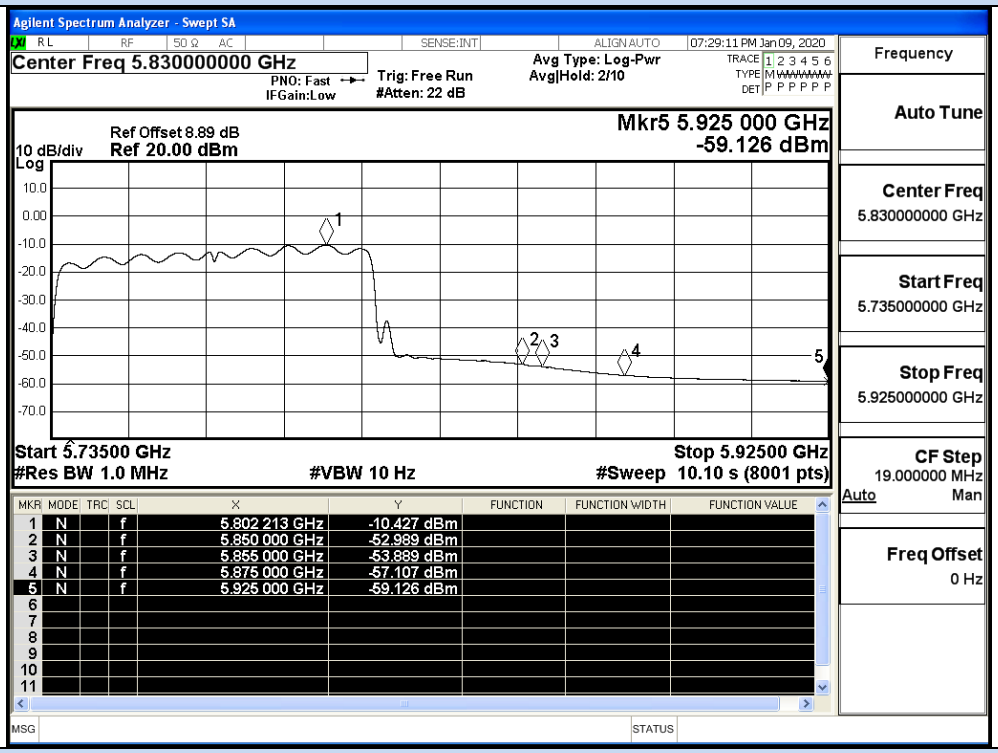
IEEE 802.11ac80 / Channel 155 / 5775MHz / Peak_Ant_0



IEEE 802.11ac80 / Channel 155 / 5775MHz / Average_Ant_0

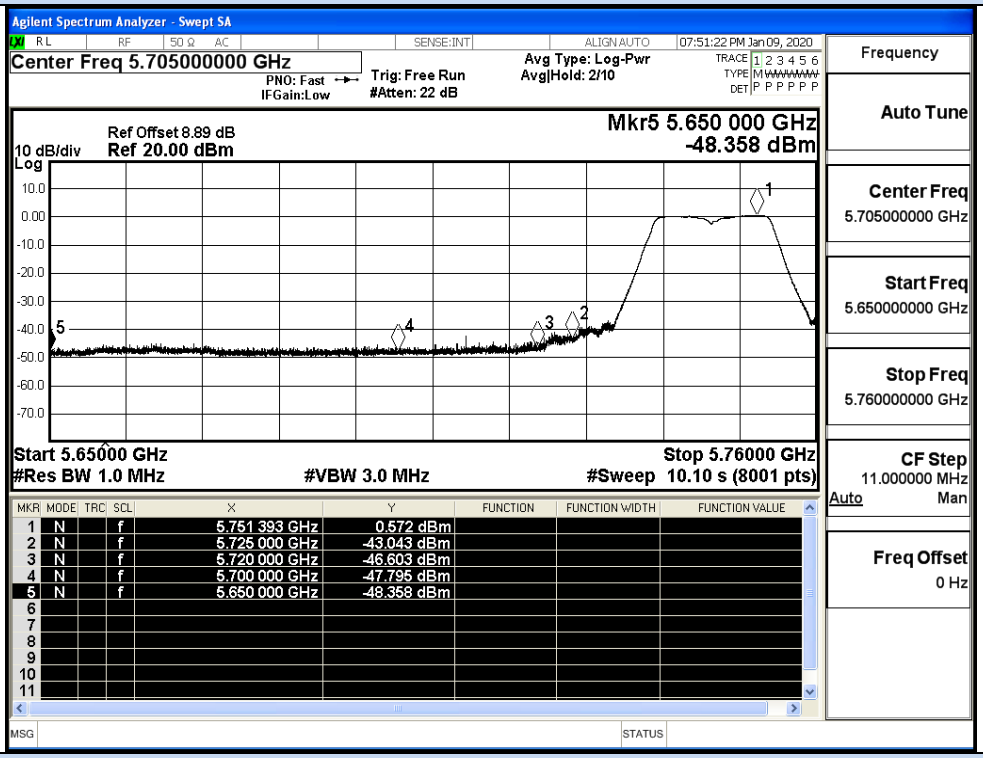


IEEE 802.11ac80 / Channel 155/ 5775MHz / Peak_Ant_0

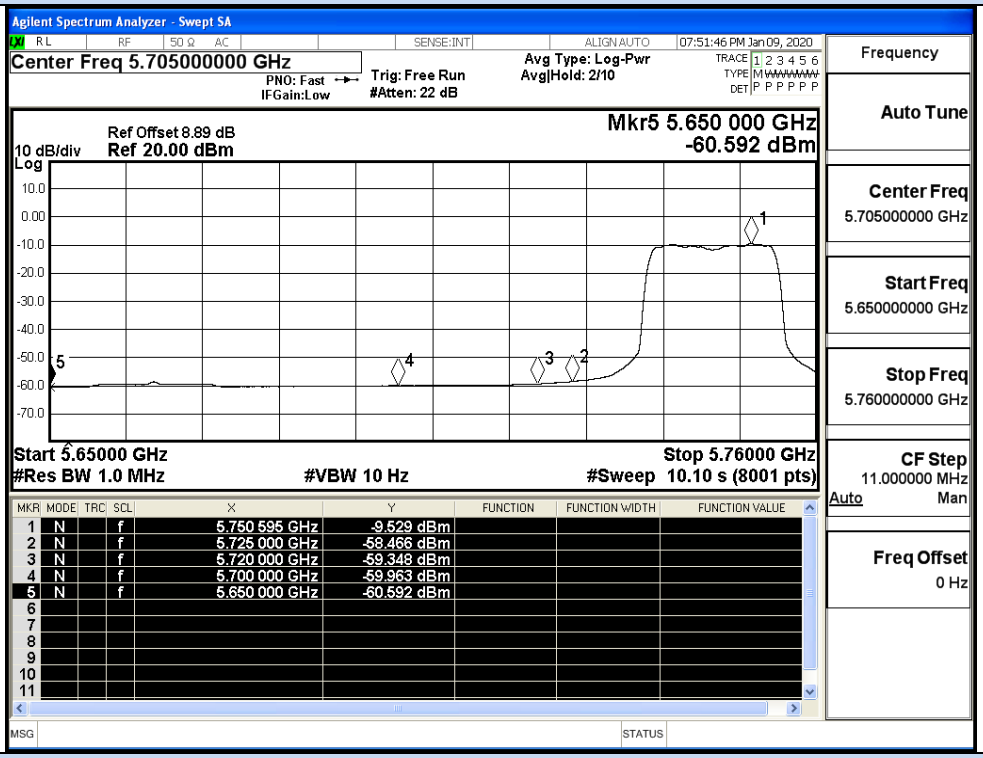


IEEE 802.11ac80 / Channel 155 / 5775MHz / Average_Ant_0

Undesirable Emissions Measurement_Ant_1

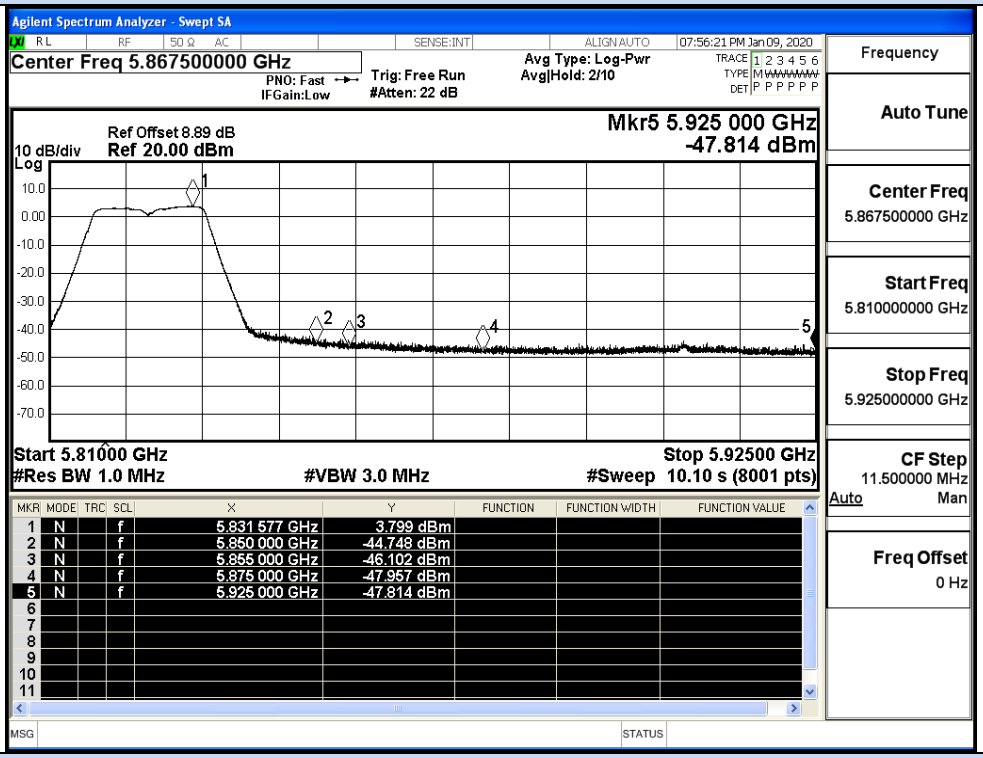


IEEE 802.11a / Channel 149 / 5745MHz / Peak_Ant_1

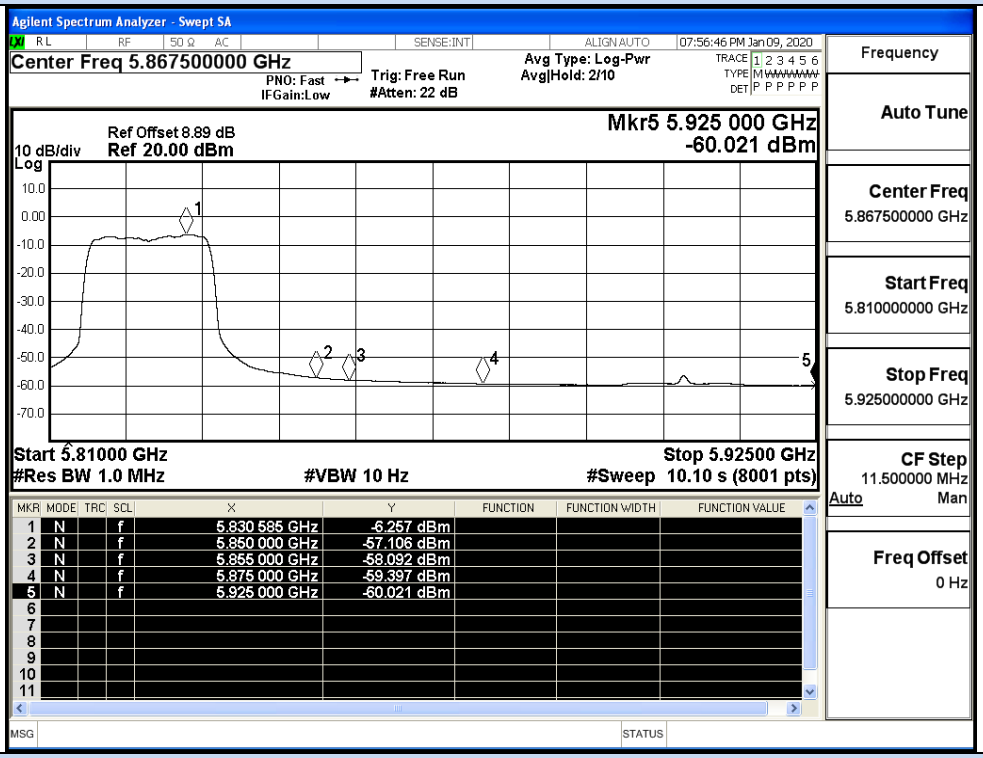


IEEE 802.11a / Channel 148 / 5745MHz / Average_Ant_1

Undesirable Emissions Measurement_Ant_1

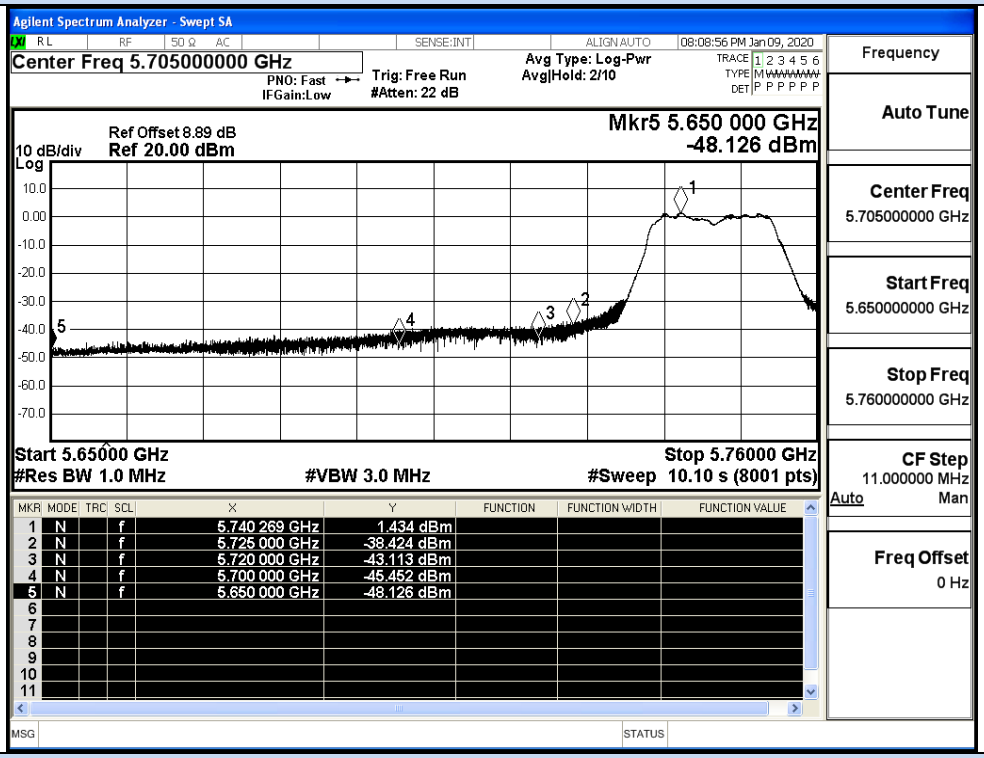


IEEE 802.11a / Channel 165 / 5825MHz / Peak_Ant_1

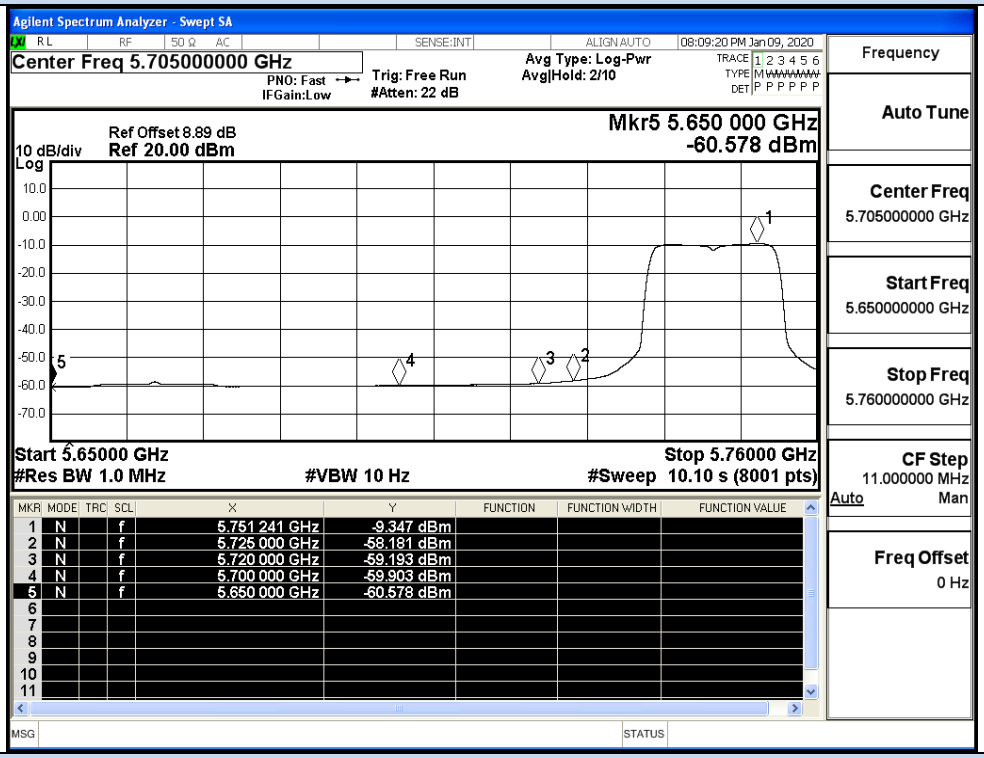


IEEE 802.11a / Channel 165 / 5825MHz / Average_Ant_1

Undesirable Emissions Measurement_Ant_1

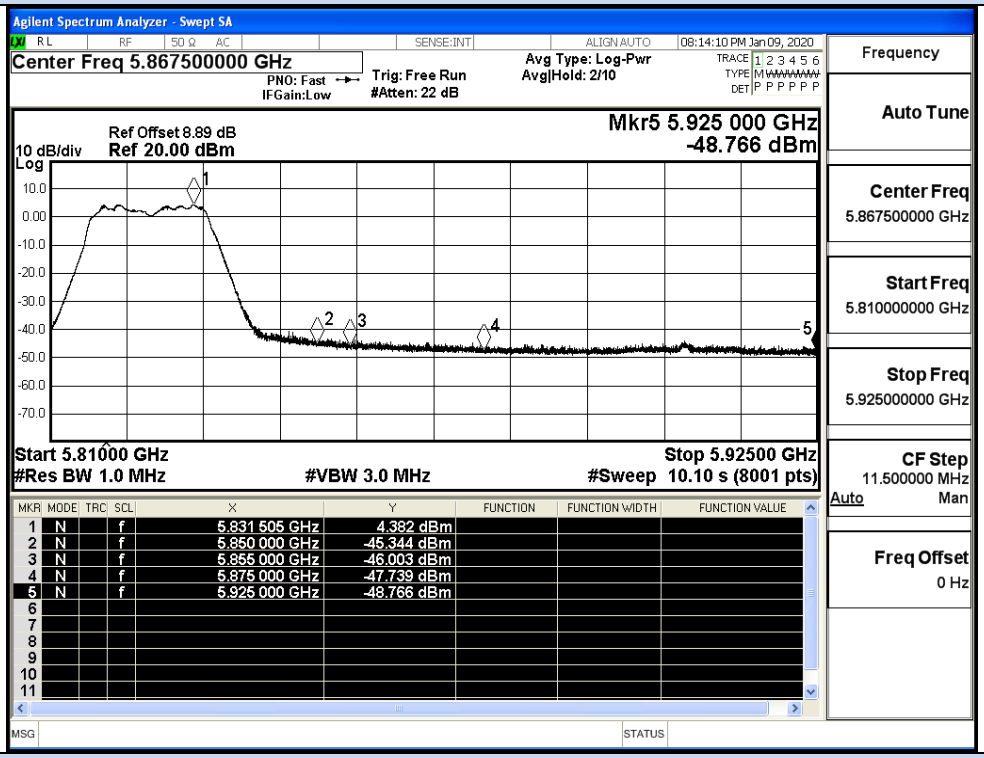


IEEE 802.11n20 / Channel 149 / 5745MHz / Peak_Ant_1

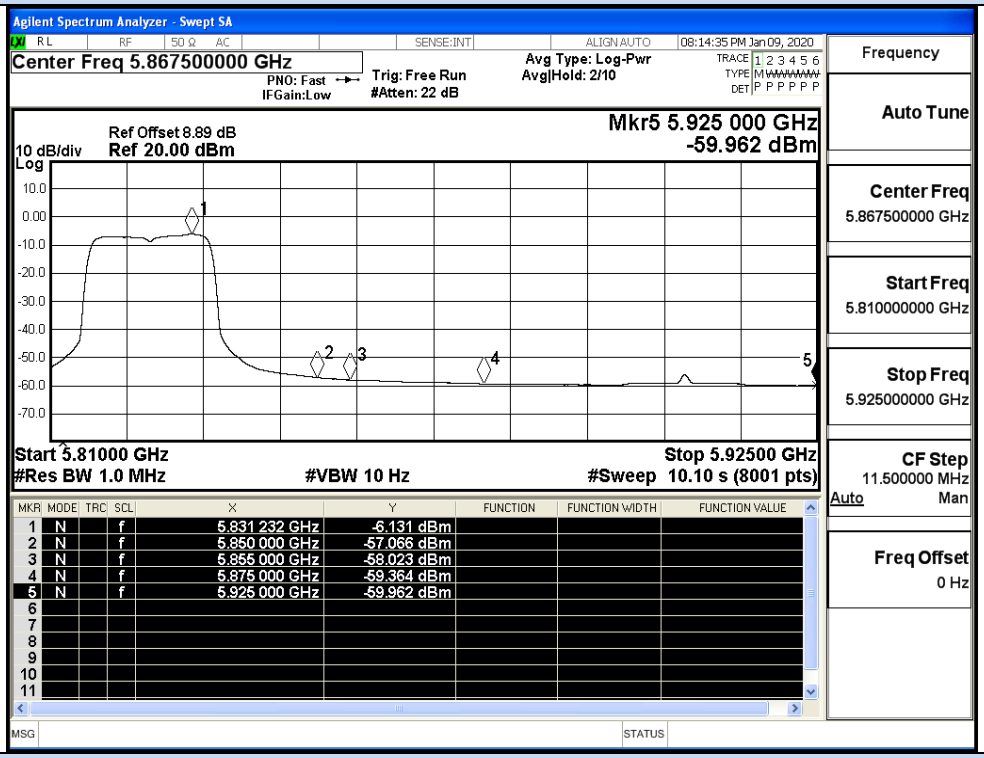


IEEE 802.11n20 / Channel 149 / 5745MHz / Average_Ant_1

Undesirable Emissions Measurement_Ant_1

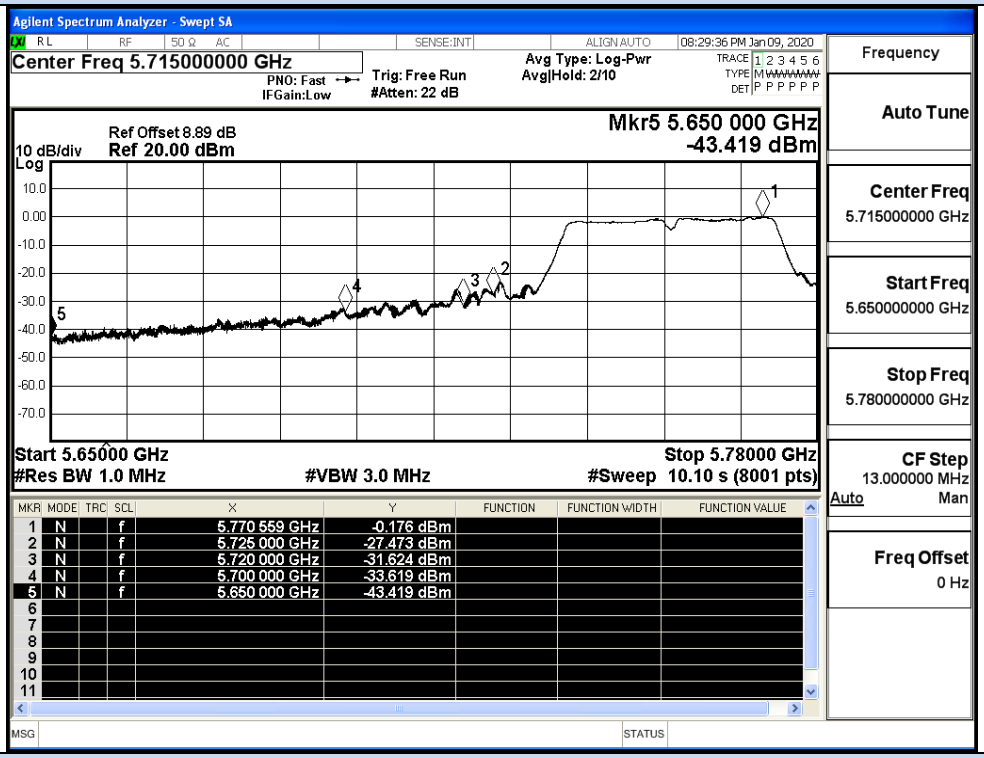


IEEE 802.11n20 / Channel 165 / 5825MHz / Peak_Ant_1

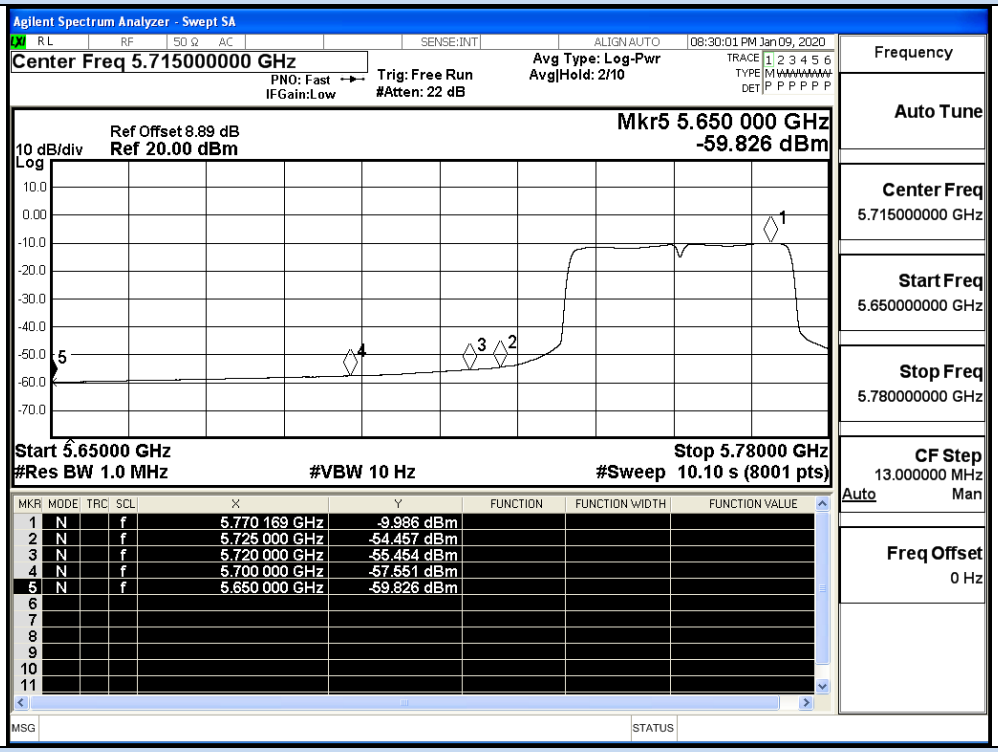


IEEE 802.11n20 / Channel 165 / 5825MHz / Average_Ant_1

Undesirable Emissions Measurement_Ant_1

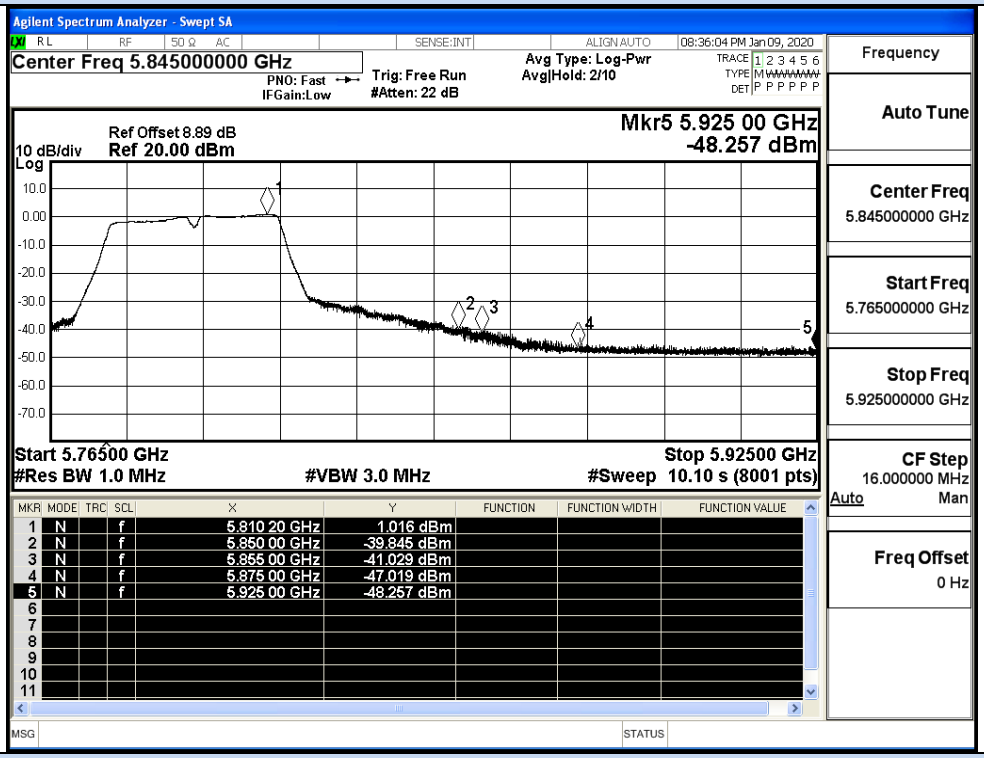


IEEE 802.11n40 / Channel 151 / 5755MHz / Peak_Ant_1

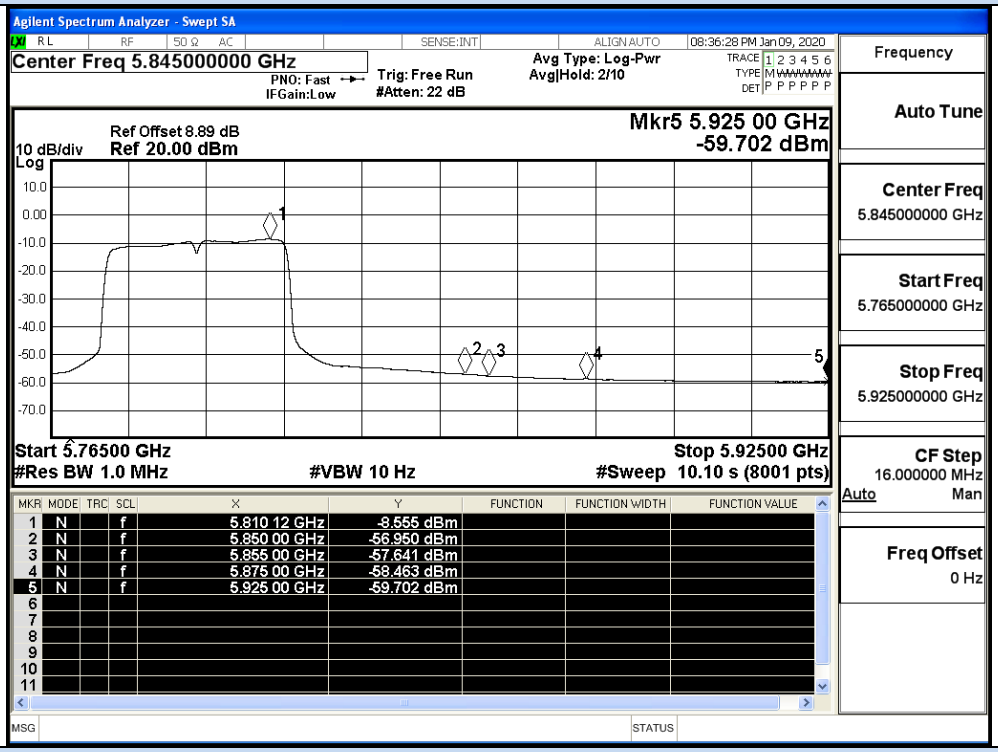


IEEE 802.11n40 / Channel 151 / 5755MHz / Average_Ant_1

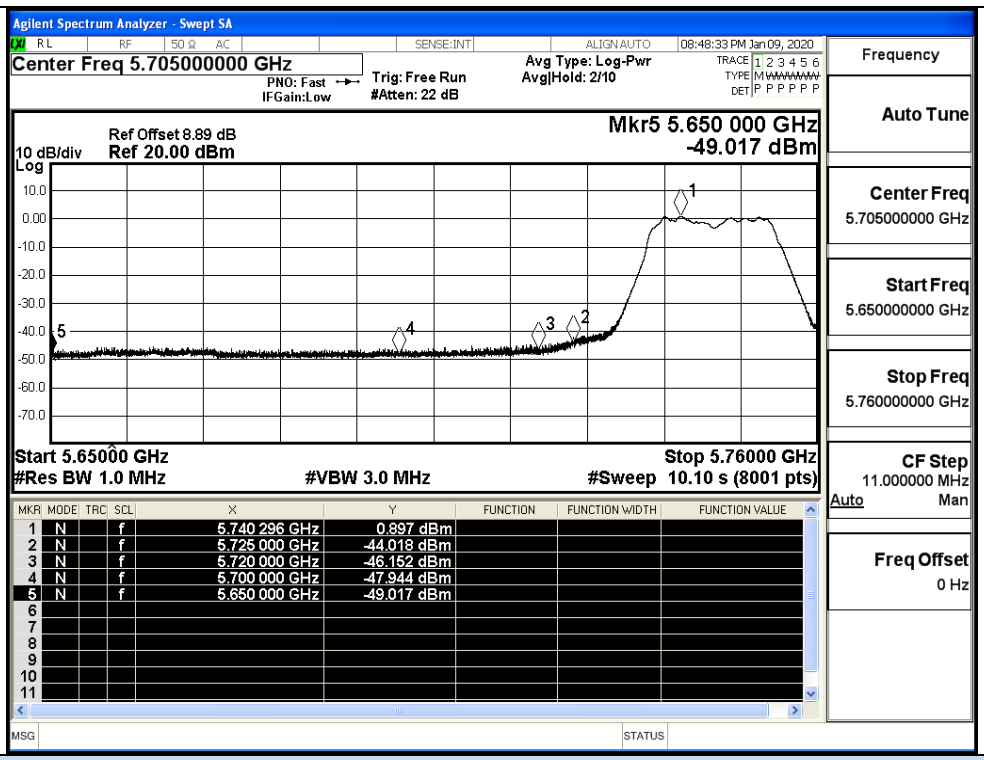
Undesirable Emissions Measurement_Ant_1



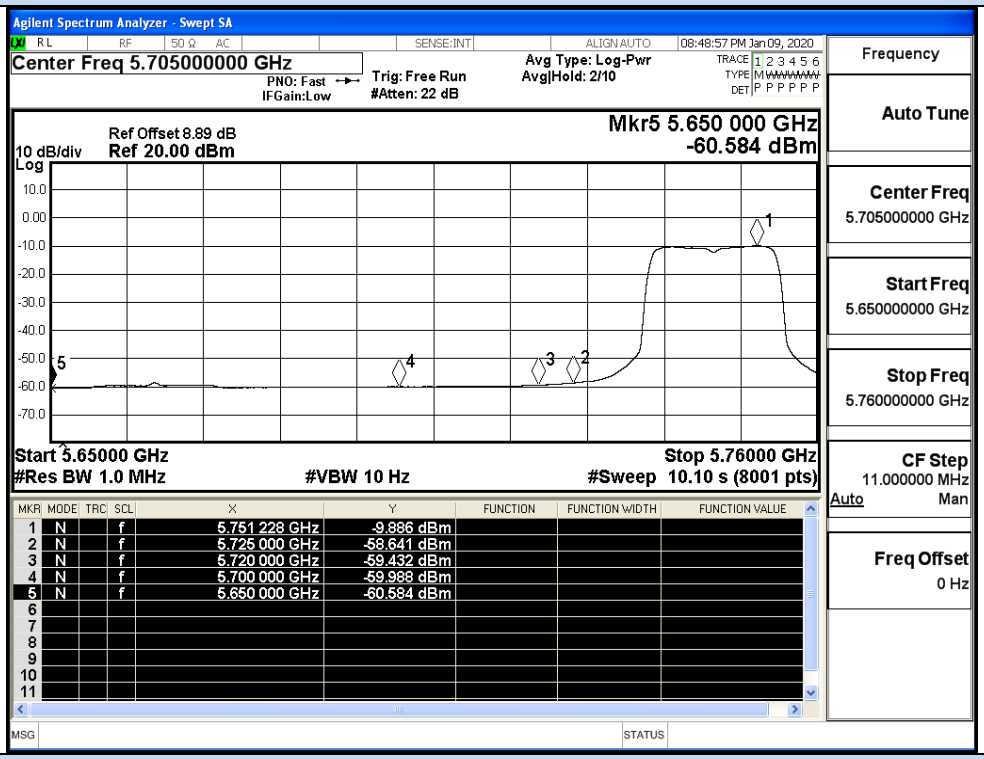
IEEE 802.11n40 / Channel 159 / 5795MHz / Peak_Ant_1



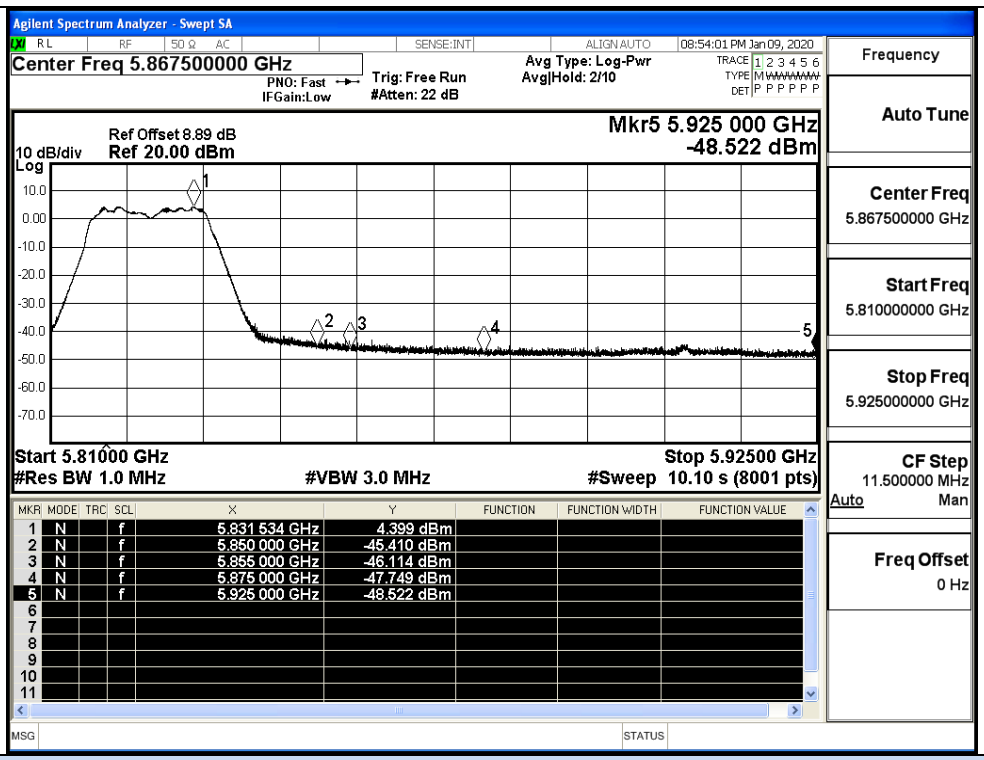
IEEE 802.11n40 / Channel 159 / 5795MHz / Average_Ant_1



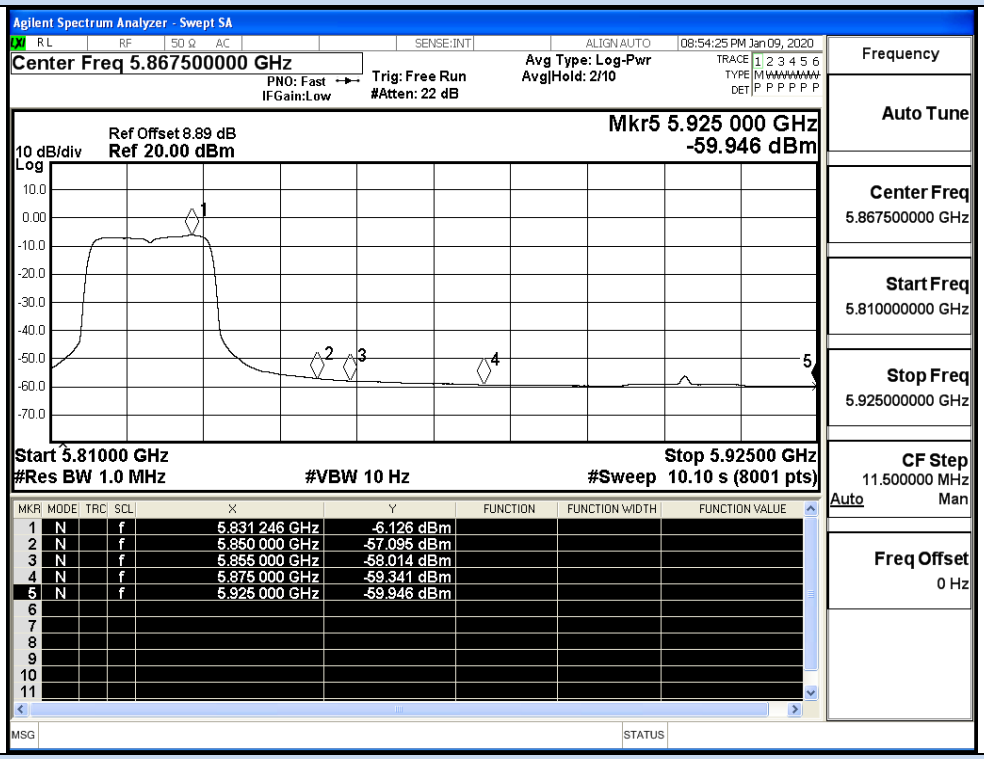
IEEE 802.11ac20 / Channel 149 / 5745MHz / Peak_Ant_1



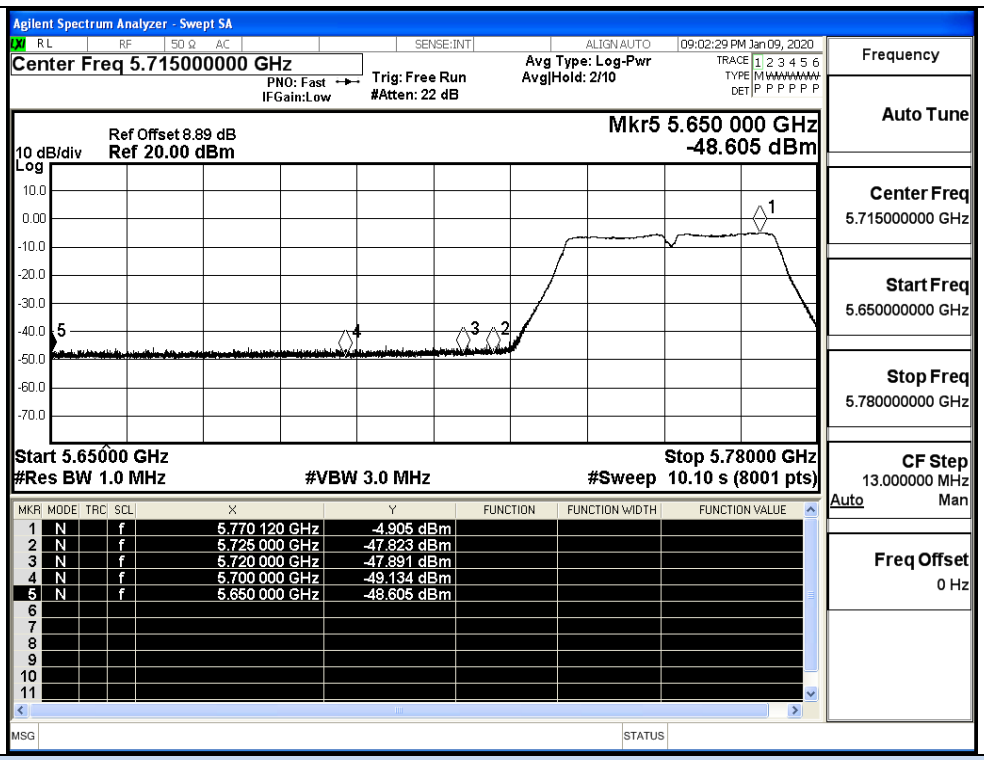
IEEE 802.11ac20 / Channel 149 / 5745MHz / Average_Ant_1



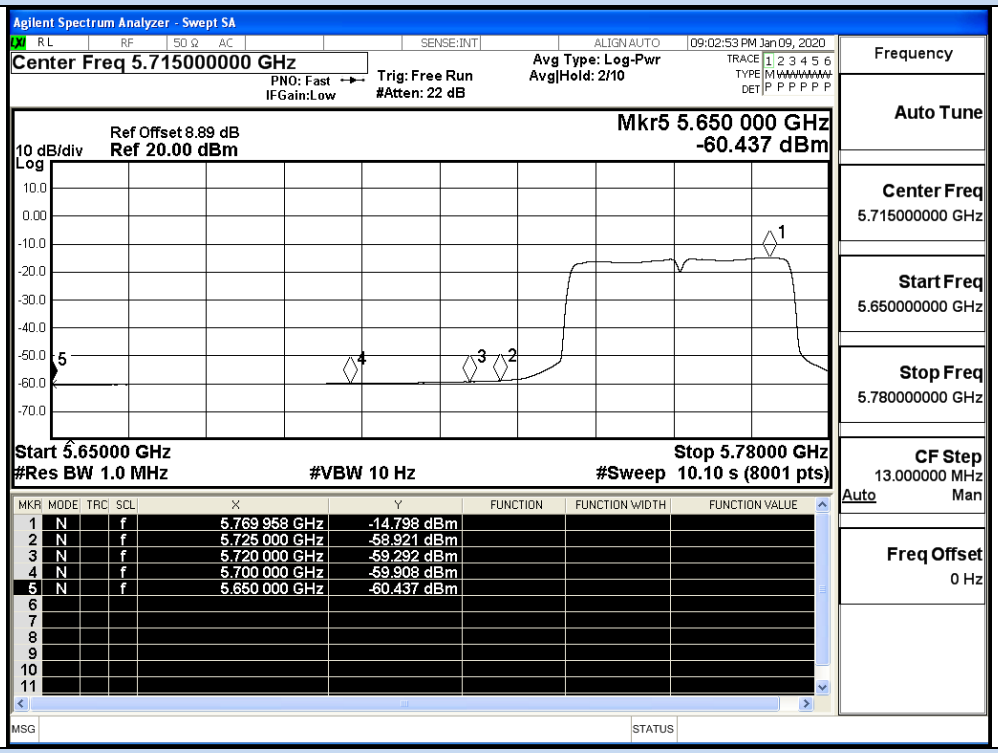
IEEE 802.11ac20 / Channel 165 / 5825MHz / Peak_Ant_1



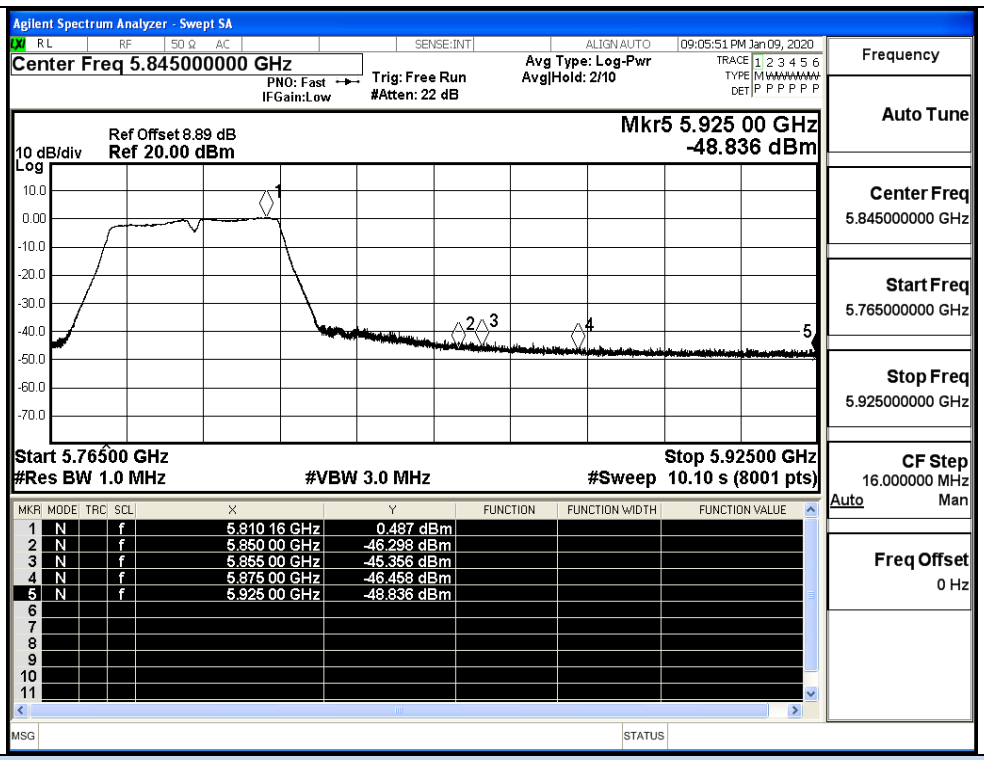
IEEE 802.11ac20 / Channel 165 / 5825MHz / Average_Ant_1



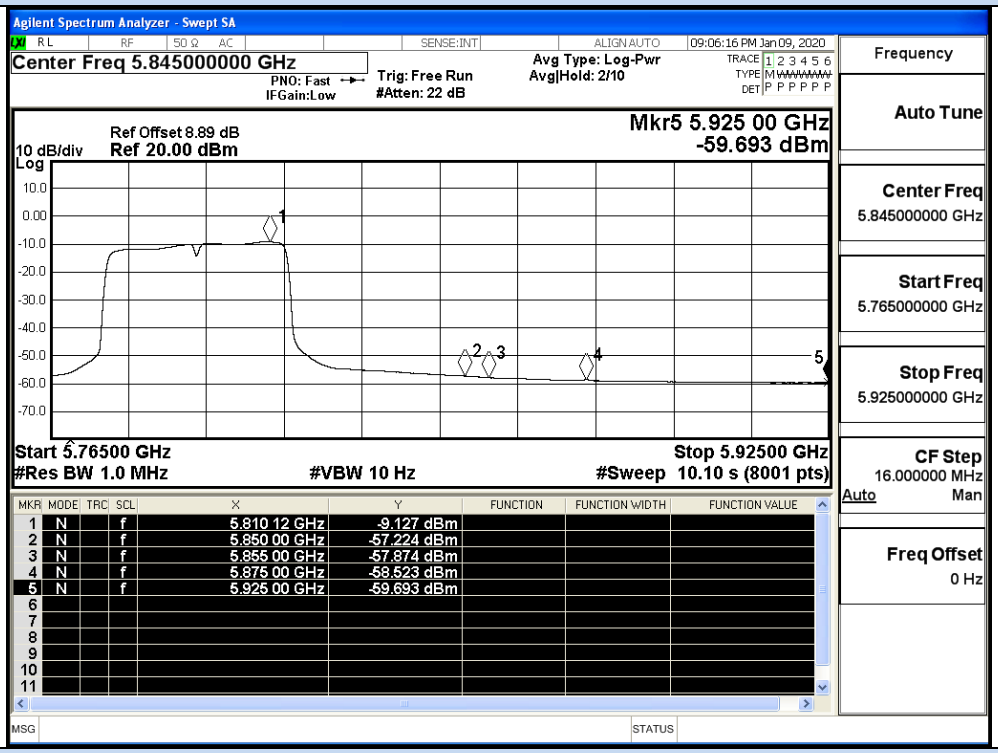
IEEE 802.11ac40 / Channel 151 / 5755MHz / Peak_Ant_1



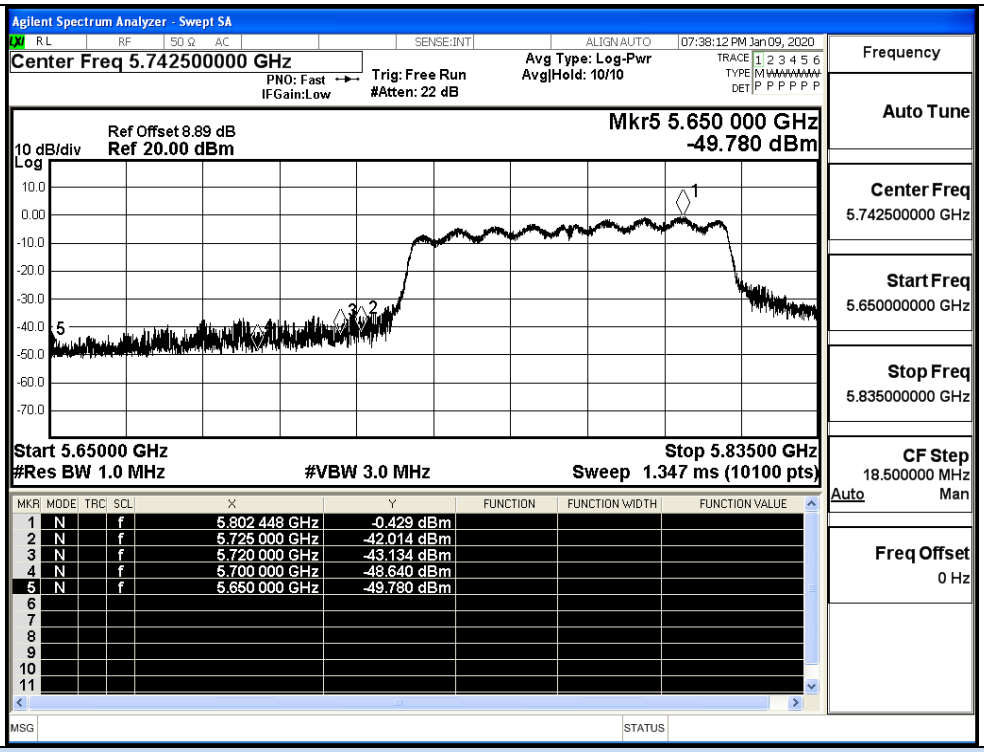
IEEE 802.11ac40 / Channel 151 / 5755MHz / Average_Ant_1



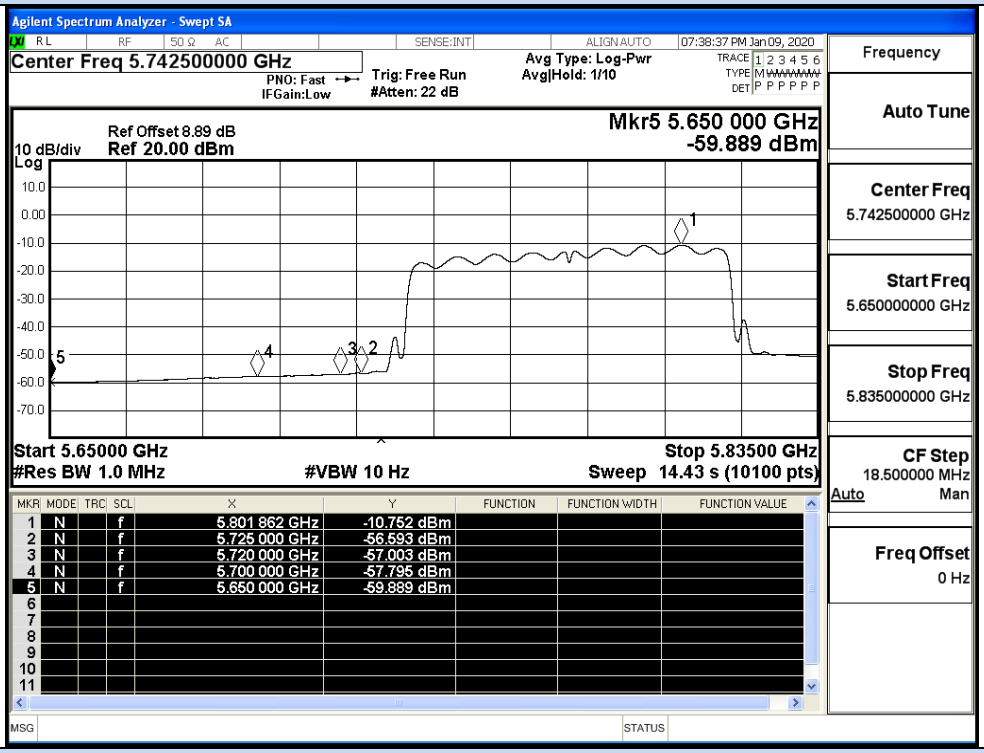
IEEE 802.11ac40 / Channel 159 / 5795MHz / Peak_Ant_1



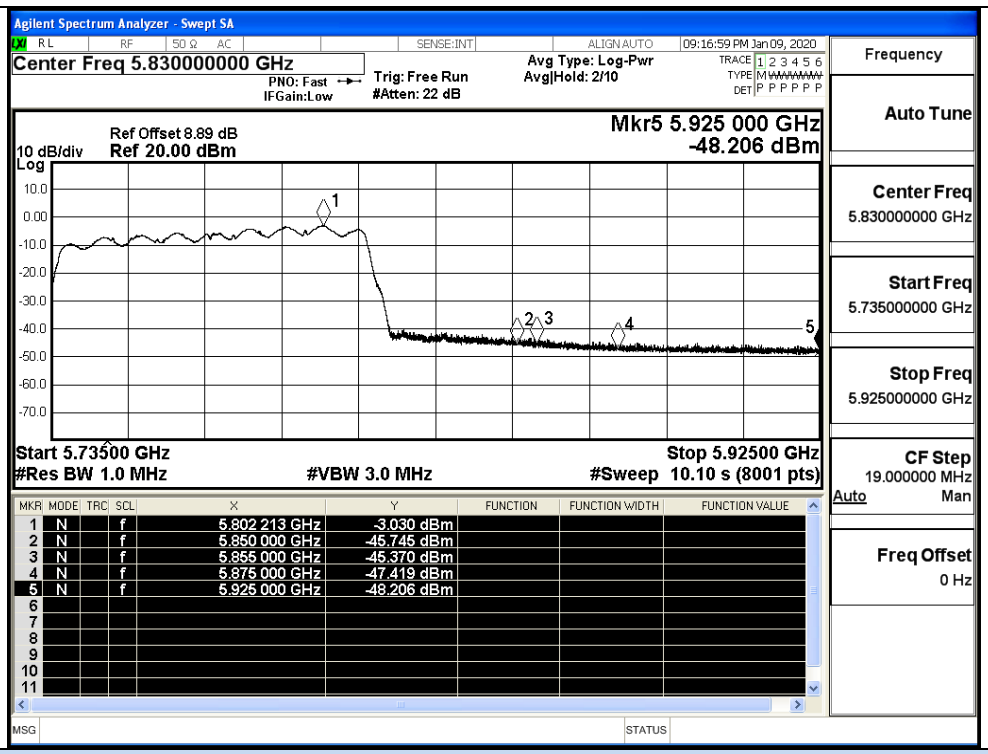
IEEE 802.11ac40 / Channel 159 / 5795MHz / Average_Ant_1



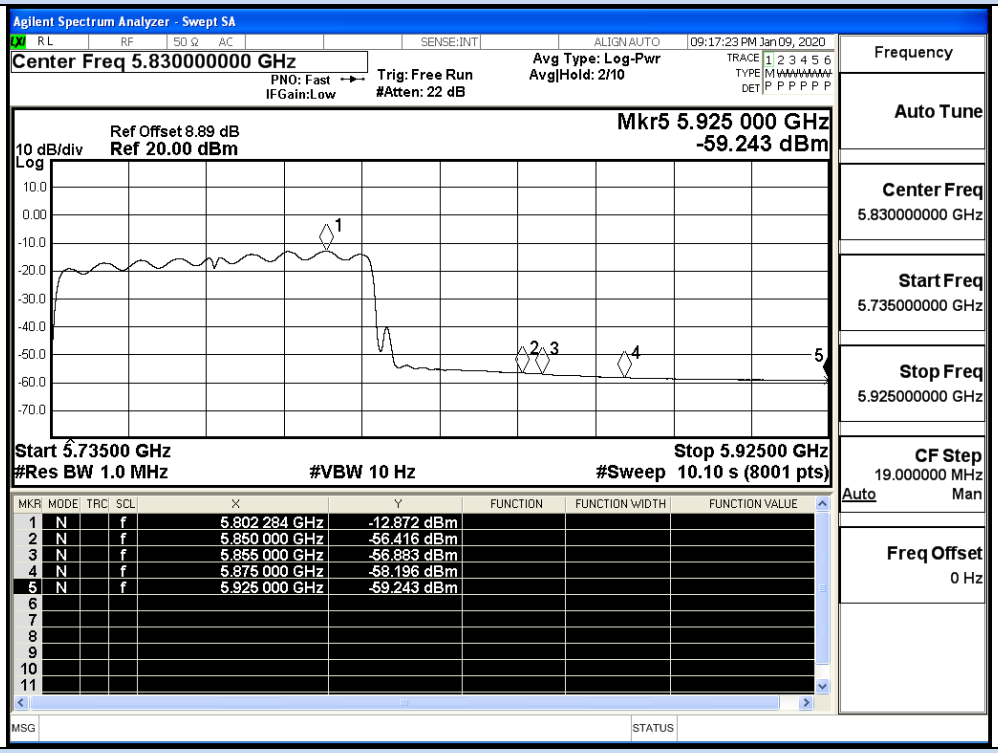
IEEE 802.11ac80 / Channel 155 / 5775MHz / Peak_Ant_1



IEEE 802.11ac80 / Channel 155 / 5775MHz / Average_Ant_1



IEEE 802.11ac80 / Channel 155/ 5775MHz / Peak_Ant_1



IEEE 802.11ac80 / Channel 155 / 5775MHz / Average_Ant_1