

Appendix B

RF Test Data for 5.2G WLAN (Conducted Measurement)

Product Name: WiFi mesh MT1

Trade Mark: KING SIGNAL

Test Model: MT1

Environmental Conditions

Temperature:	25 ° C
Relative Humidity:	50%
ATM Pressure:	100.0 kPa
Test Engineer:	Tom.Liu
Supervised by:	Wang.Chuang

B.1 Duty Cycle

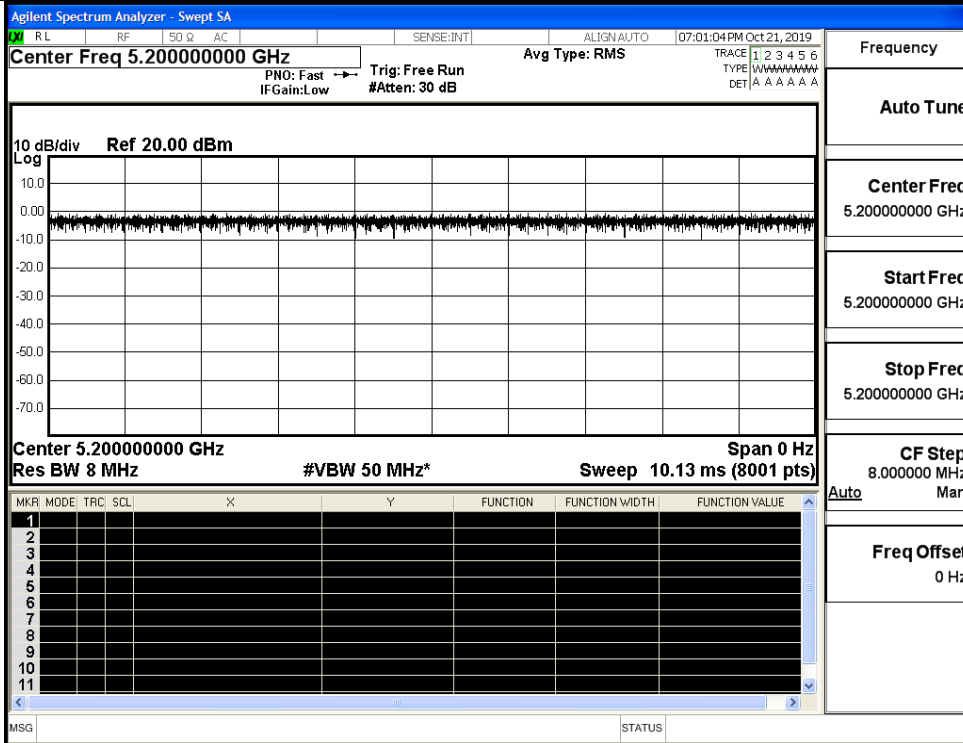
ANT_3

Test Mode	Test Frequency (MHz)	Duty Cycle (%)	10log(1/x) Factor (dB)	1/B Minimum VBW(KHz)
11A	5200	100	0.00	0.01
11N20 SISO	5200	100	0.00	0.01
11N40 SISO	5190	100	0.00	0.01
11AC20 SISO	5200	100	0.00	0.01
11AC40 SISO	5190	100	0.00	0.01
11AC80 SISO	5210	100	0.00	0.01

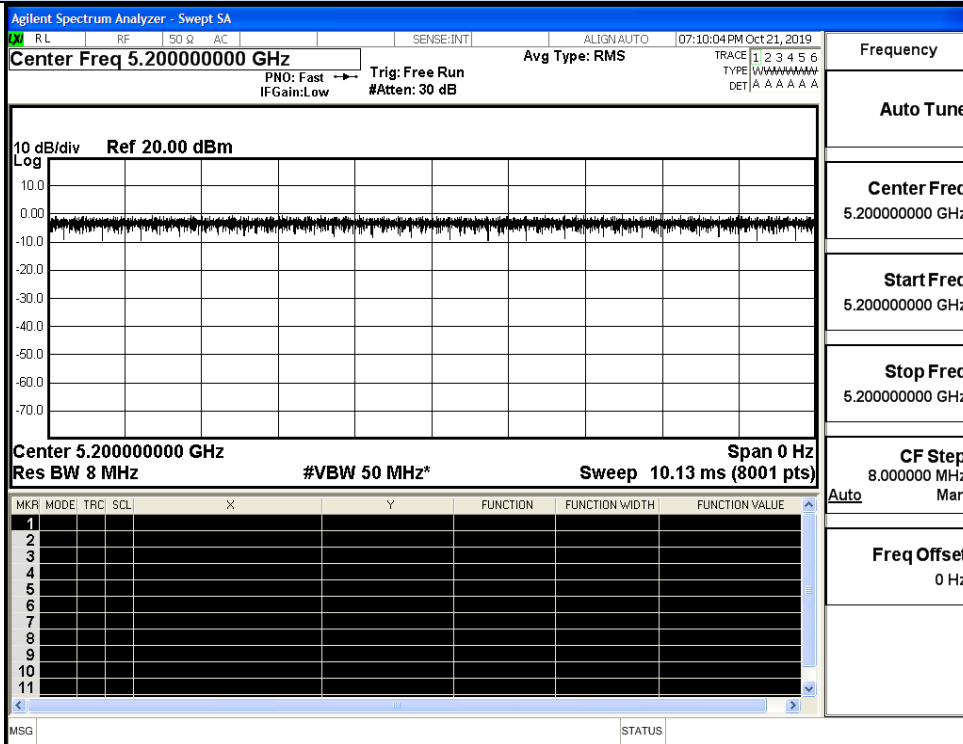
ANT_4

Test Mode	Test Frequency (MHz)	Duty Cycle (%)	10log(1/x) Factor (dB)	1/B Minimum VBW(KHz)
11A	5200	100	0.00	0.01
11N20 SISO	5200	100	0.00	0.01
11N40 SISO	5190	100	0.00	0.01
11AC20 SISO	5200	100	0.00	0.01
11AC40 SISO	5190	100	0.00	0.01
11AC80 SISO	5210	100	0.00	0.01

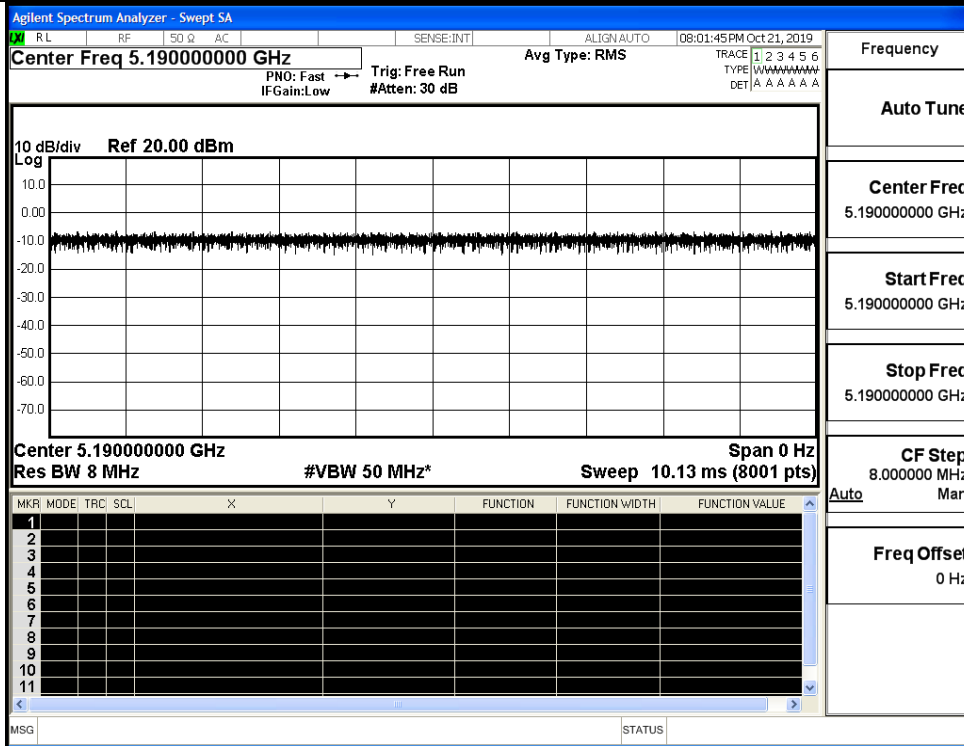
On Time and Duty Cycle_ANT_3



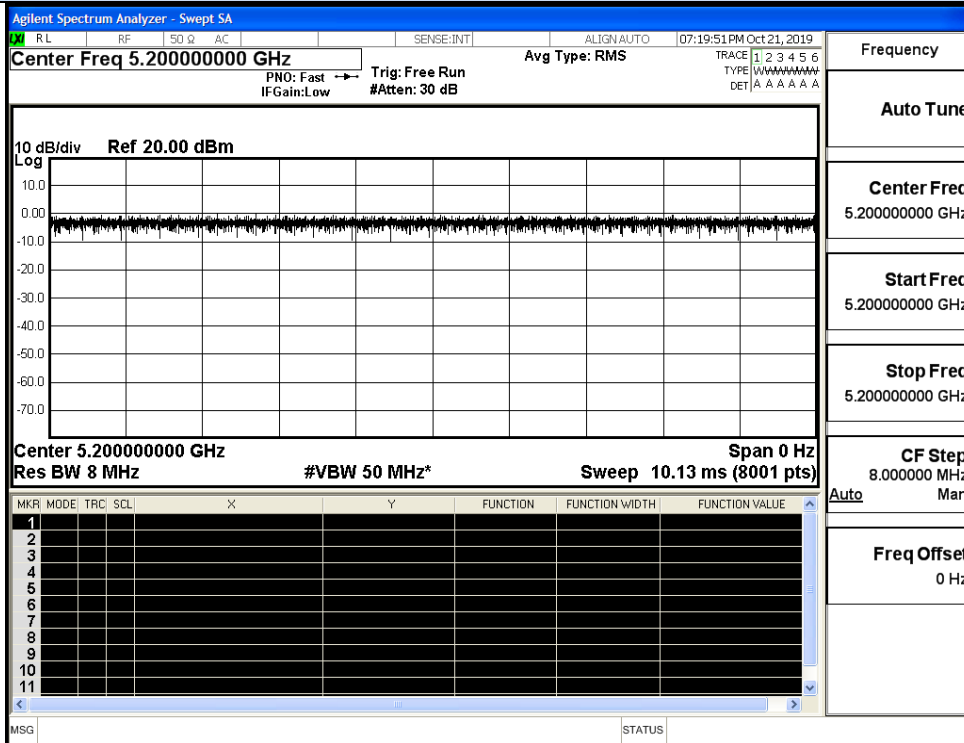
IEEE 802.11a



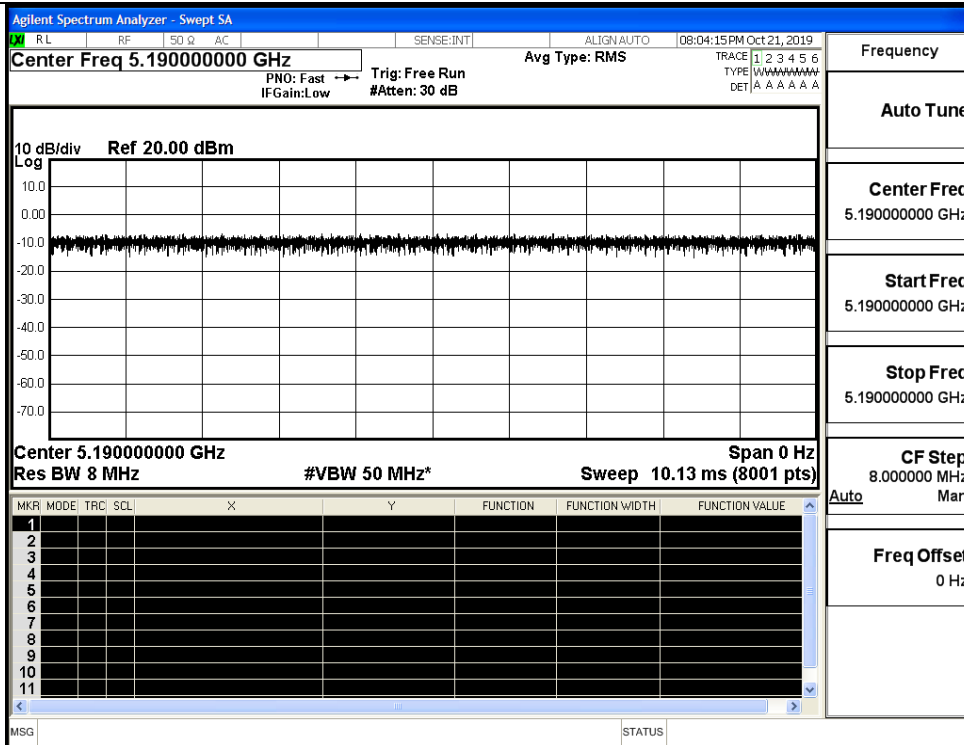
IEEE 802.11n HT20



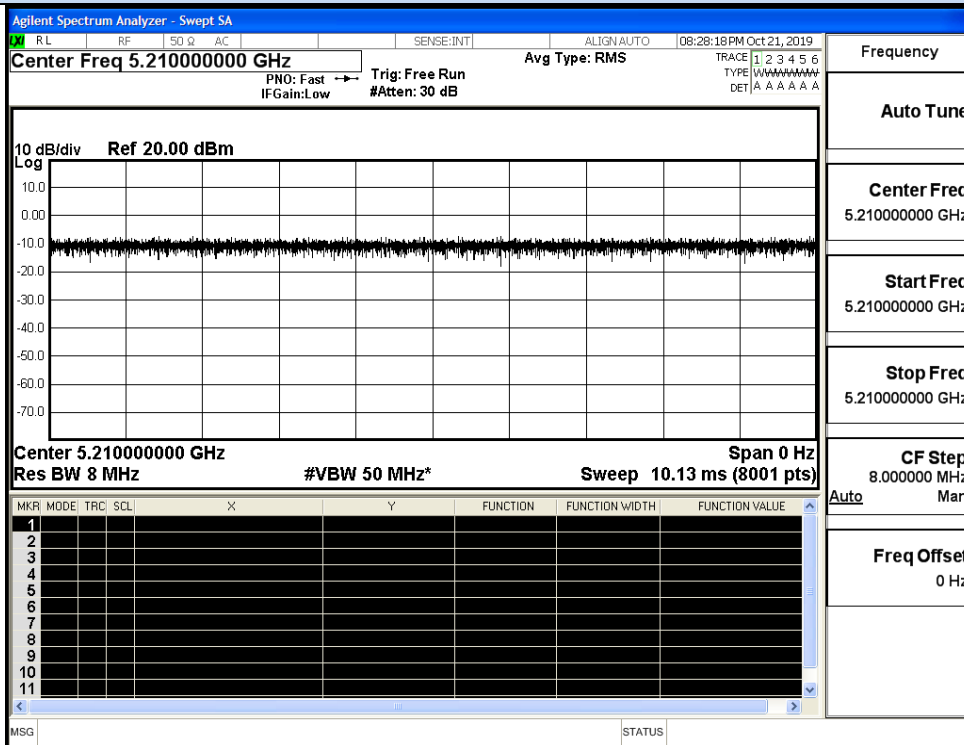
IEEE 802.11n HT40



IEEE 802.11AC20

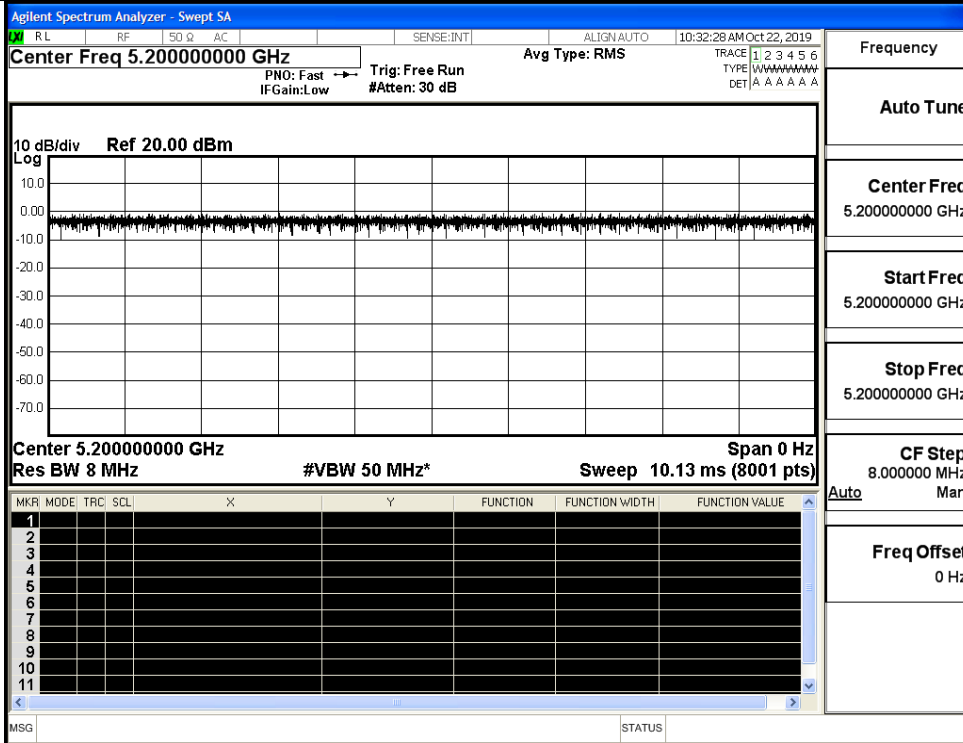


IEEE 802.11 AC40

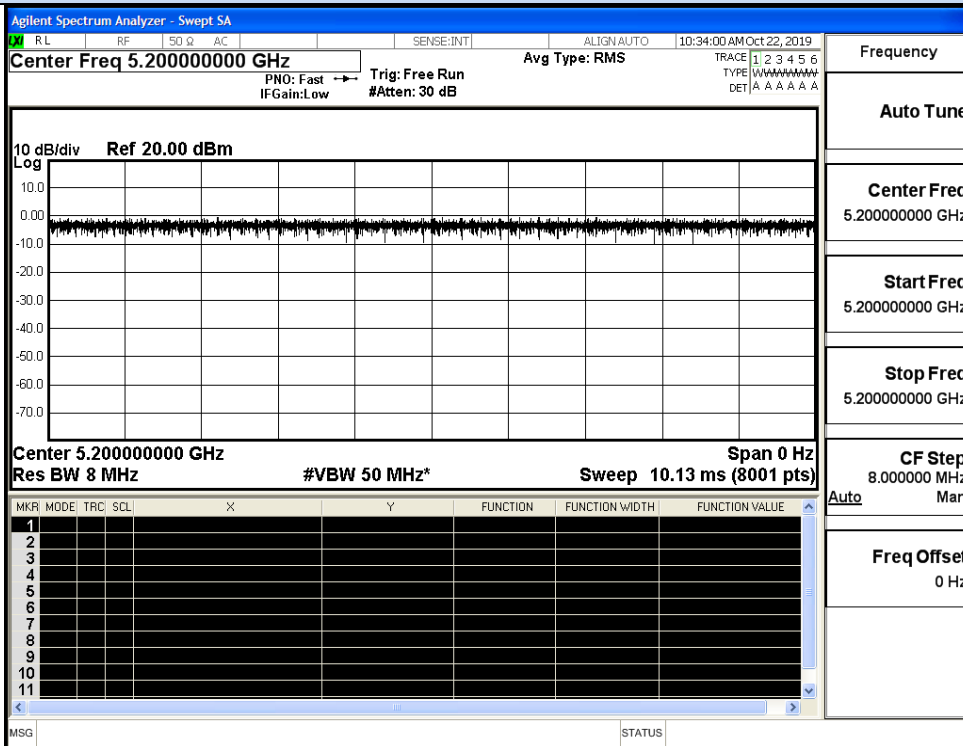


IEEE 802.11AC80

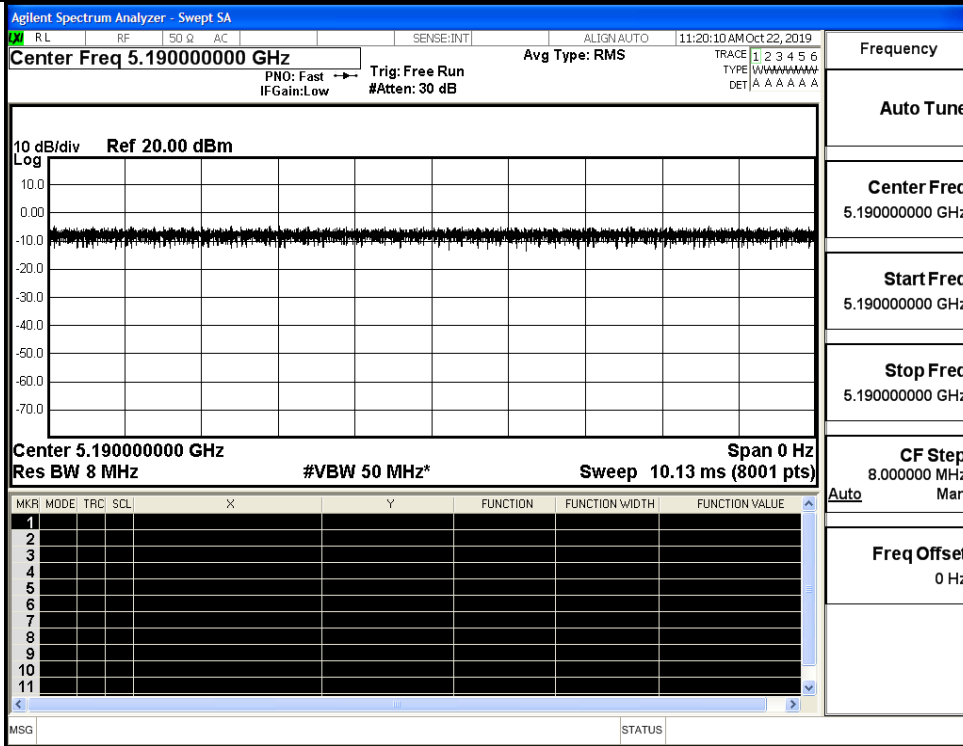
On Time and Duty Cycle_ANT_4



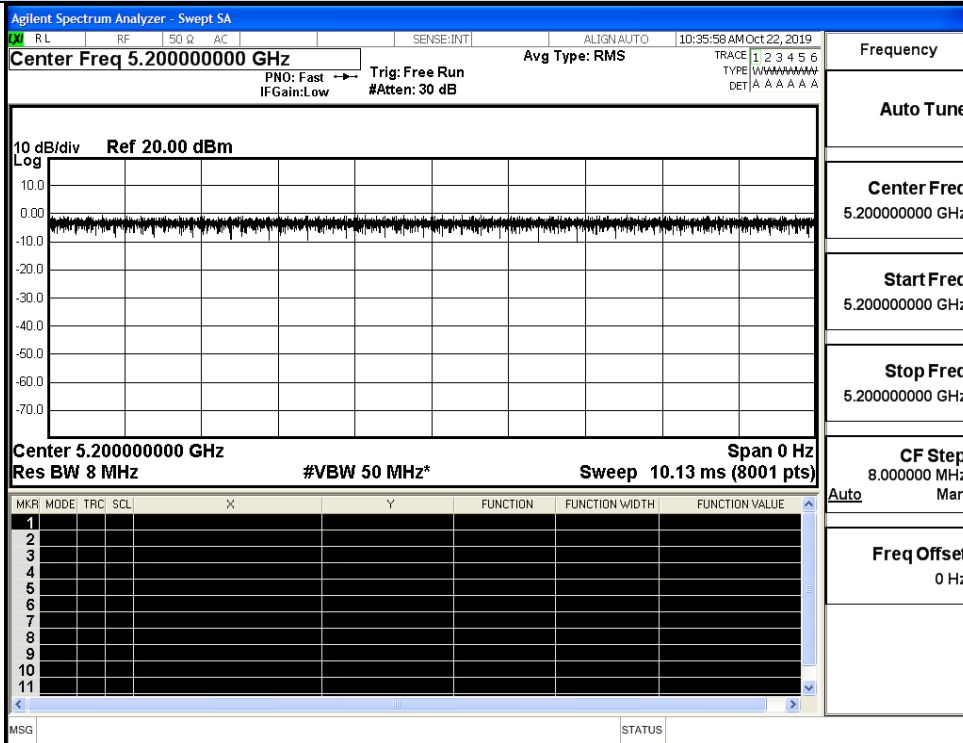
IEEE 802.11a



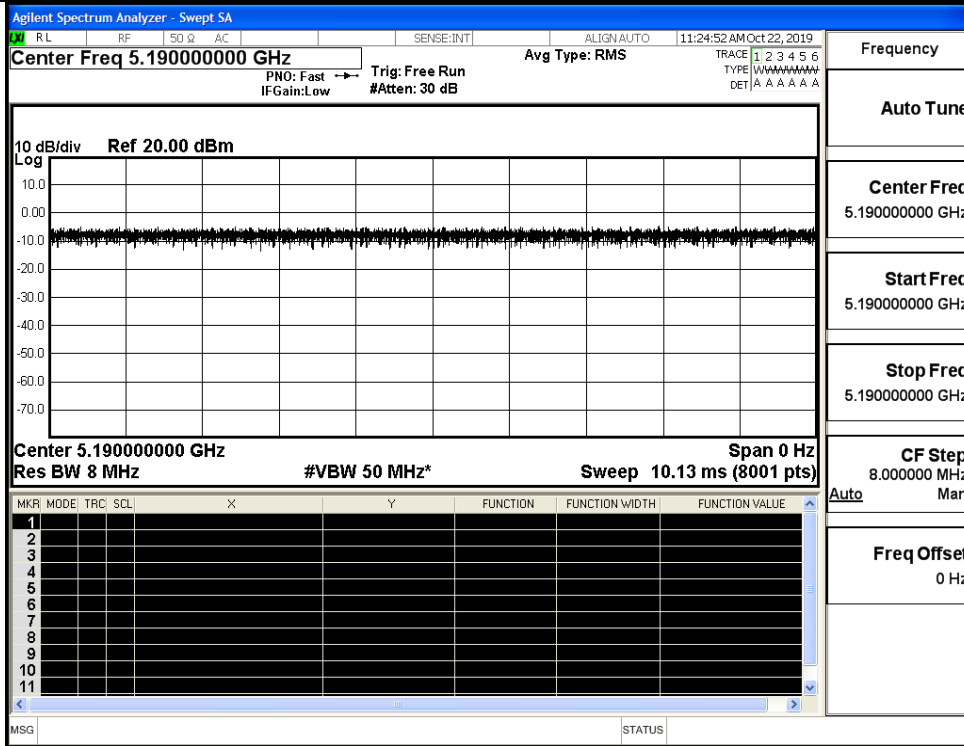
IEEE 802.11n HT20



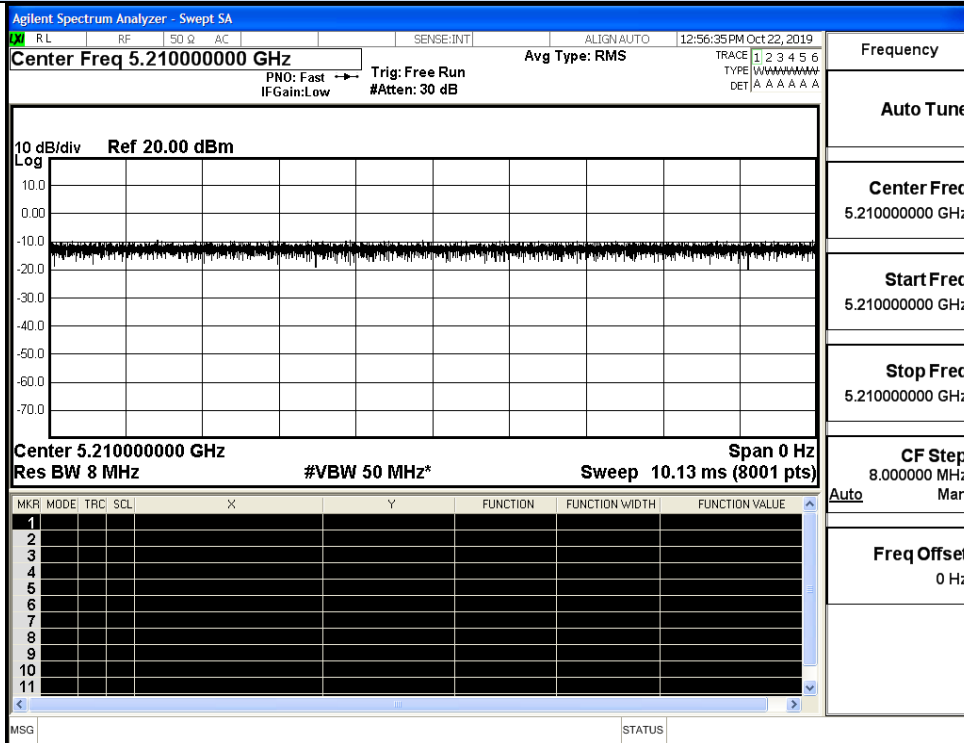
IEEE 802.11n HT40



IEEE 802.11AC20



IEEE 802.11 AC40



IEEE 802.11 AC80

B.2 Maximum Conduct Output Power**ANT_3**

Test Mode	Channel	Frequency (MHz)	AVG Conducted Power (dBm)	Duty Cycle Factor(dB)	Report Conducted Power(dBm)	Limit (dBm)	Verdict
11A	36	5180	13.15	0	13.15	30	Pass
	40	5200	13.22	0	13.22		Pass
	48	5240	13.57	0	13.57		Pass
11N20 SISO	36	5180	13.15	0	13.15	30	Pass
	40	5200	13.28	0	13.28		Pass
	48	5240	13.59	0	13.59		Pass
11N40 SISO	38	5190	12.51	0	12.51	30	Pass
	46	5230	12.77	0	12.77		Pass
11AC20 SISO	36	5180	13.09	0	13.09	30	Pass
	40	5200	13.29	0	13.29		Pass
	48	5240	13.6	0	13.6		Pass
11AC40 SISO	38	5190	12.4	0	12.4	30	Pass
	46	5230	12.75	0	12.75		Pass
11AC80 SISO	42	5210	11.9	0	11.9	30	Pass

ANT_4

Test Mode	Channel	Frequency (MHz)	AVG Conducted Power (dBm)	Duty Cycle Factor(dB)	Report Conducted Power(dBm)	Limit (dBm)	Verdict
11A	36	5180	13.31	0	13.31	30	Pass
	40	5200	13.09	0	13.09		Pass
	48	5240	13.58	0	13.58		Pass
11N20 SISO	36	5180	13.09	0	13.09	30	Pass
	40	5200	13.09	0	13.09		Pass
	48	5240	13.51	0	13.51		Pass
11N40 SISO	38	5190	12.26	0	12.26	30	Pass
	46	5230	12.49	0	12.49		Pass
11AC20 SISO	36	5180	12.99	0	12.99	30	Pass
	40	5200	13.15	0	13.15		Pass
	48	5240	13.46	0	13.46		Pass
11AC40 SISO	38	5190	12.2	0	12.2	30	Pass
	46	5230	12.6	0	12.6		Pass
11AC80 SISO	42	5210	11.76	0	11.76	30	Pass

Combined Ant_3 and Ant_4

Test Mode	Channel	Frequency (MHz)	AVG Conducted Power (dBm)			Duty Cycle Factor (dB)	Report Conducted Power (dBm)			Limit (dBm)
			Ant_3	Ant_4	Sum		Ant_3	Ant_4	Sum	
11N20	36	5180	13.15	13.09	16.13	0	13.15	13.09	16.13	29.99
	40	5200	13.28	13.09	16.20	0	13.28	13.09	16.20	
	48	5240	13.59	13.51	16.56	0	13.59	13.51	16.56	
11N40	38	5190	12.51	12.26	15.40	0	12.51	12.26	15.40	29.99
	46	5230	12.77	12.49	15.64	0	12.77	12.49	15.64	
11AC20	36	5180	13.09	12.99	16.05	0	13.09	12.99	16.05	29.99
	40	5200	13.29	13.15	16.23	0	13.29	13.15	16.23	
	48	5240	13.6	13.46	16.54	0	13.6	13.46	16.54	
11AC40	38	5190	12.4	12.2	15.31	0	12.4	12.2	15.31	29.99
	46	5230	12.75	12.6	15.69	0	12.75	12.6	15.69	
11AC80	42	5210	11.9	11.76	14.84	0	11.9	11.76	14.84	29.99

B.3 Power Spectral Density

Ant_3

Test Mode	Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Cycle Factor(dB)	Report Power Density (dBm/MHz)	Limit (dBm/MHz)	Verdict
11A	36	5180	2.51	0	2.51	17	Pass
	40	5200	2.65	0	2.65		Pass
	48	5240	2.84	0	2.84		Pass
11N20	36	5180	2.34	0	2.34	17	Pass
	40	5200	2.48	0	2.48		Pass
	48	5240	2.82	0	2.82		Pass
11N40	38	5190	-1.10	0	-1.10	17	Pass
	46	5230	-0.80	0	-0.80		Pass
11AC20	36	5180	2.43	0	2.43	17	Pass
	40	5200	2.55	0	2.55		Pass
	48	5240	2.88	0	2.88		Pass
11AC40	38	5190	-1.24	0	-1.24	17	Pass
	46	5230	-0.96	0	-0.96		Pass
11AC80	42	5210	-4.38	0	-4.38	17	Pass

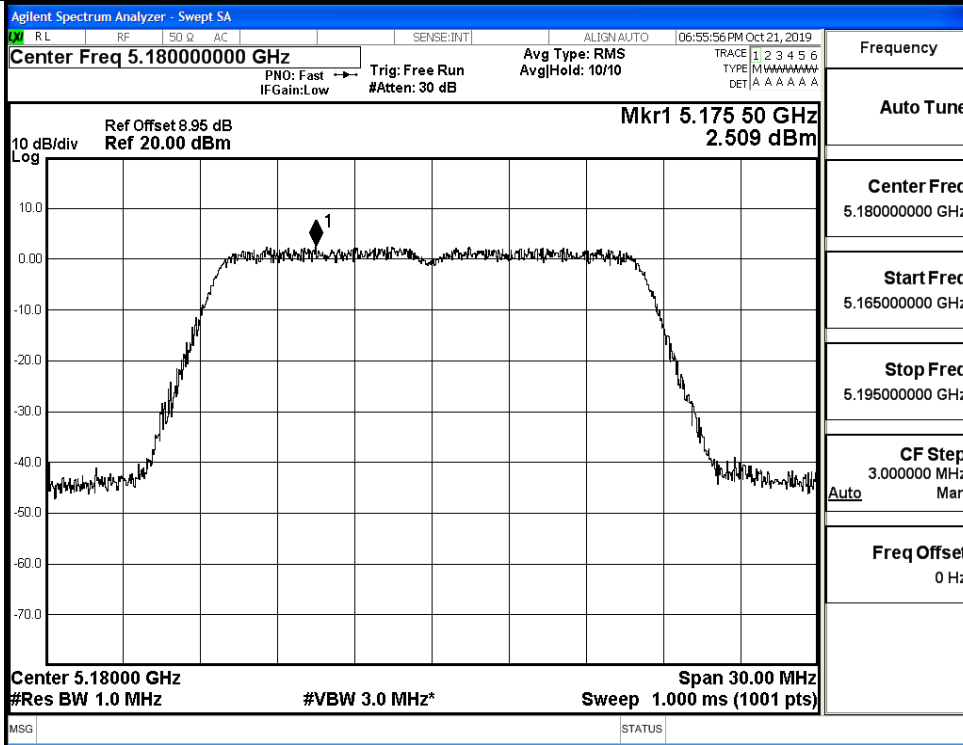
Ant_4

Test Mode	Channel	Frequency (MHz)	Power Density (dBm/MHz)	Duty Cycle Factor(dB)	Report Power Density (dBm/MHz)	Limit (dBm/MHz)	Verdict
11A	36	5180	2.38	0	2.38	17	Pass
	40	5200	2.32	0	2.32		Pass
	48	5240	3.02	0	3.02		Pass
11N20	36	5180	2.24	0	2.24	17	Pass
	40	5200	2.40	0	2.40		Pass
	48	5240	2.94	0	2.94		Pass
11N40	38	5190	-1.54	0	-1.54	17	Pass
	46	5230	-1.00	0	-1.00		Pass
11AC20	36	5180	2.16	0	2.16	17	Pass
	40	5200	2.64	0	2.64		Pass
	48	5240	2.79	0	2.79		Pass
11AC40	38	5190	-1.52	0	-1.52	17	Pass
	46	5230	-0.95	0	-0.95		Pass
11AC80	42	5210	-4.42	0	-4.42	17	Pass

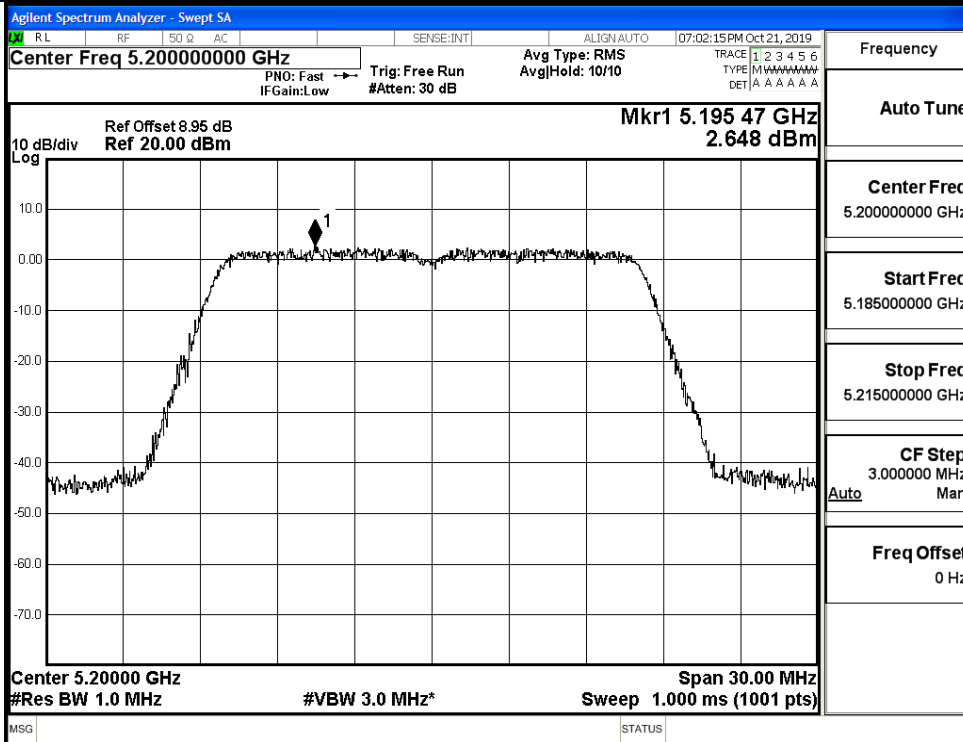
Combined Ant_3 and Ant_4

Test Mode	Channel	Frequency (MHz)	Power Density (dBm/MHz)			Duty Cycle Factor (dB)	Report Power Density (dBm/MHz)			Limit (dBm/MHz)
			Ant_3	Ant_4	Sum		Ant_3	Ant_4	Sum	
11N20	36	5180	2.34	2.38	5.37	0	2.34	2.38	5.37	16.99
	40	5200	2.48	2.32	5.41	0	2.48	2.32	5.41	
	48	5240	2.82	3.02	5.93	0	2.82	3.02	5.93	
11N40	38	5190	-1.10	2.24	3.89	0	-1.10	2.24	3.89	16.99
	46	5230	-0.80	2.40	4.10	0	-0.80	2.40	4.10	
11AC20	36	5180	2.43	2.94	5.70	0	2.43	2.94	5.70	16.99
	40	5200	2.55	-1.54	3.98	0	2.55	-1.54	3.98	
	48	5240	2.88	-1.00	4.37	0	2.88	-1.00	4.37	
11AC40	38	5190	-1.24	2.16	3.79	0	-1.24	2.16	3.79	16.99
	46	5230	-0.96	2.64	4.21	0	-0.96	2.64	4.21	
11AC80	42	5210	-4.38	2.79	3.55	0	-4.38	2.79	3.55	16.99

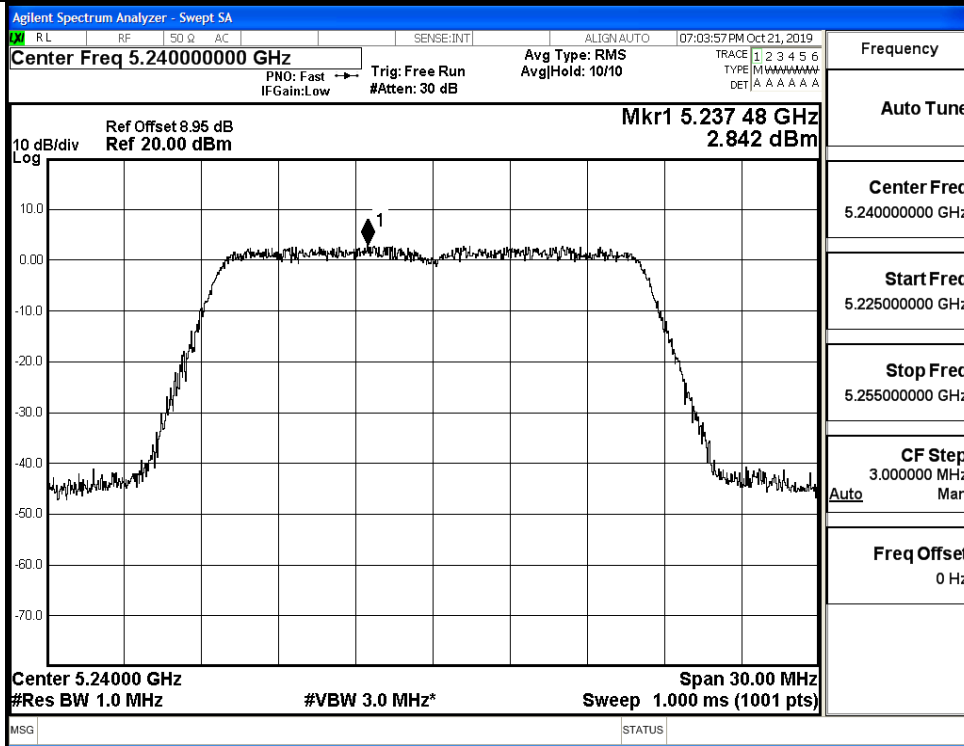
Power Spectral Density_ANT_3



IEEE 802.11a / Channel 36 / 5180MHz

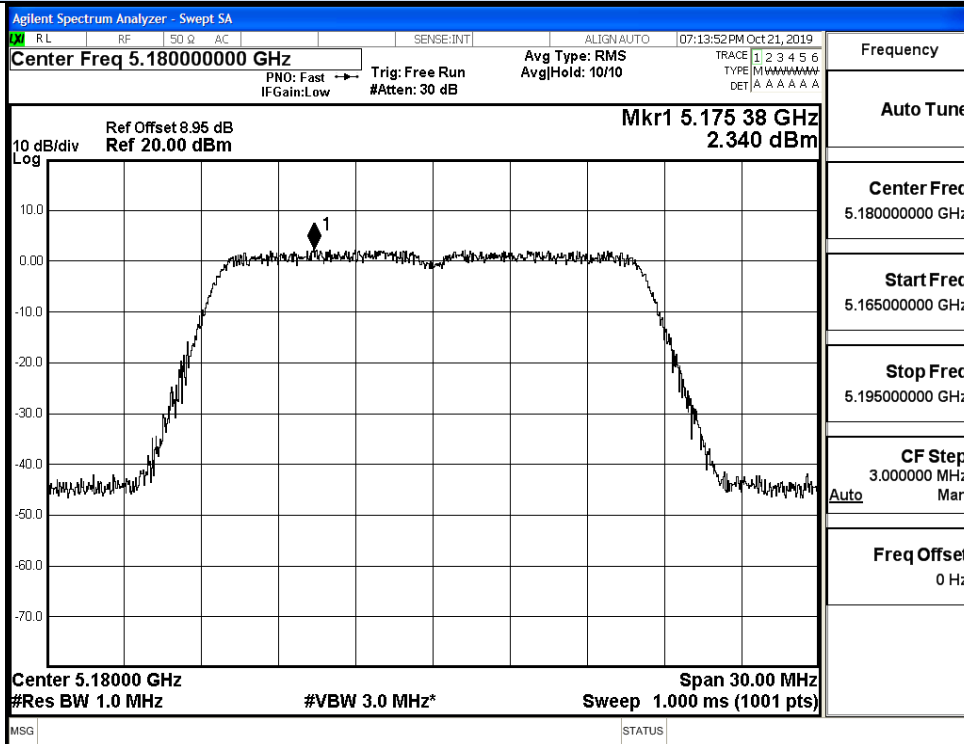


IEEE 802.11na / Channel 40 / 5200MHz

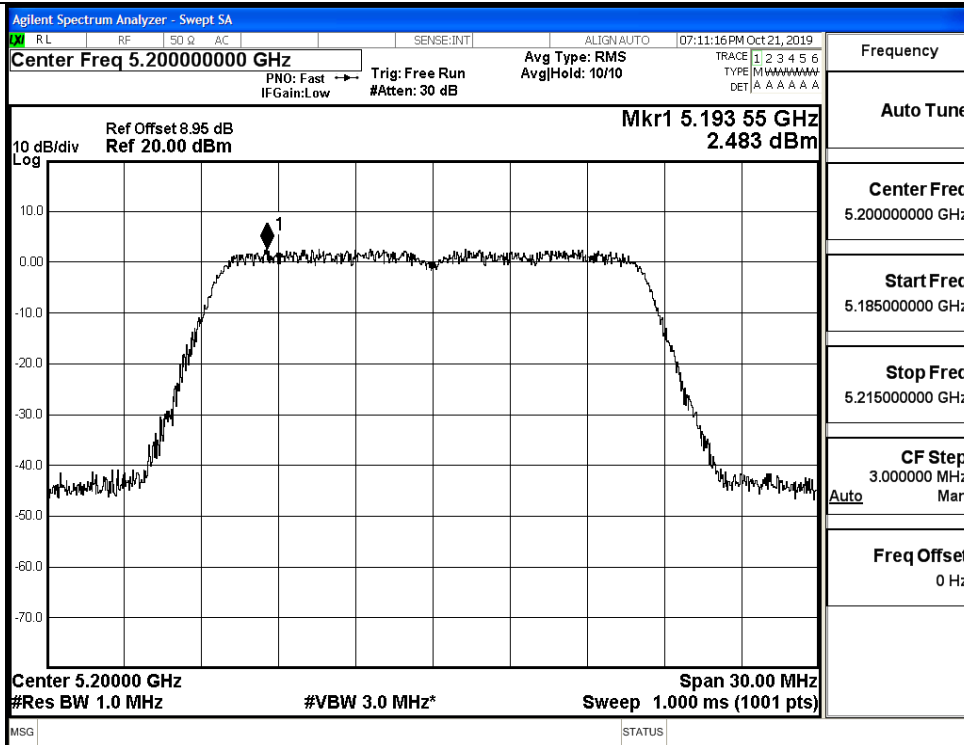


IEEE 802.11na / Channel 48 / 5240MHz

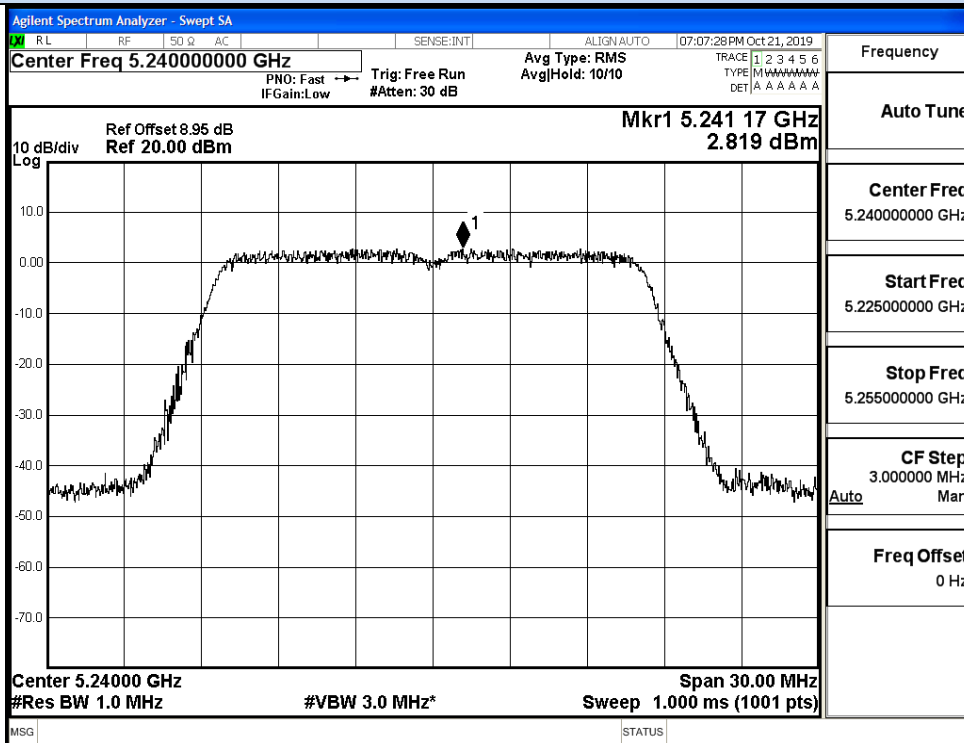
Power Spectral Density



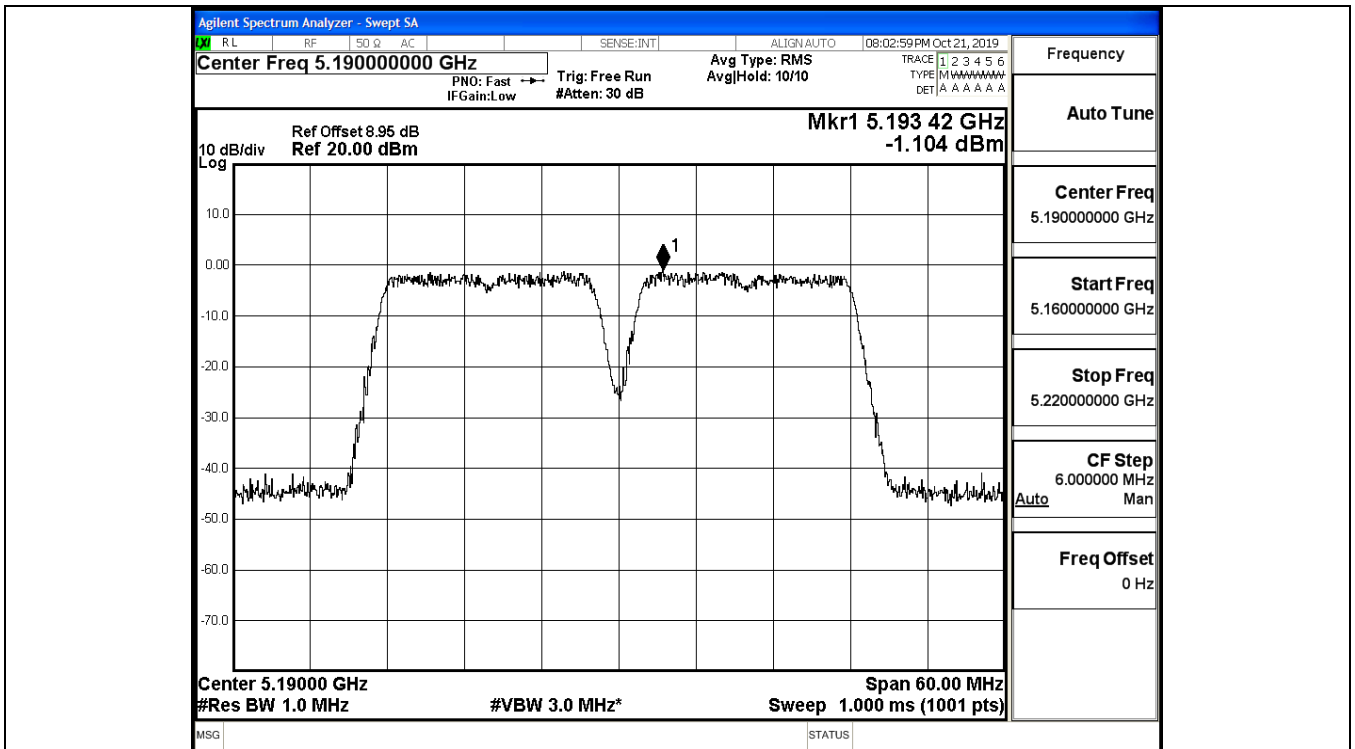
IEEE 802.11n20 / Channel 36 / 5180MHz



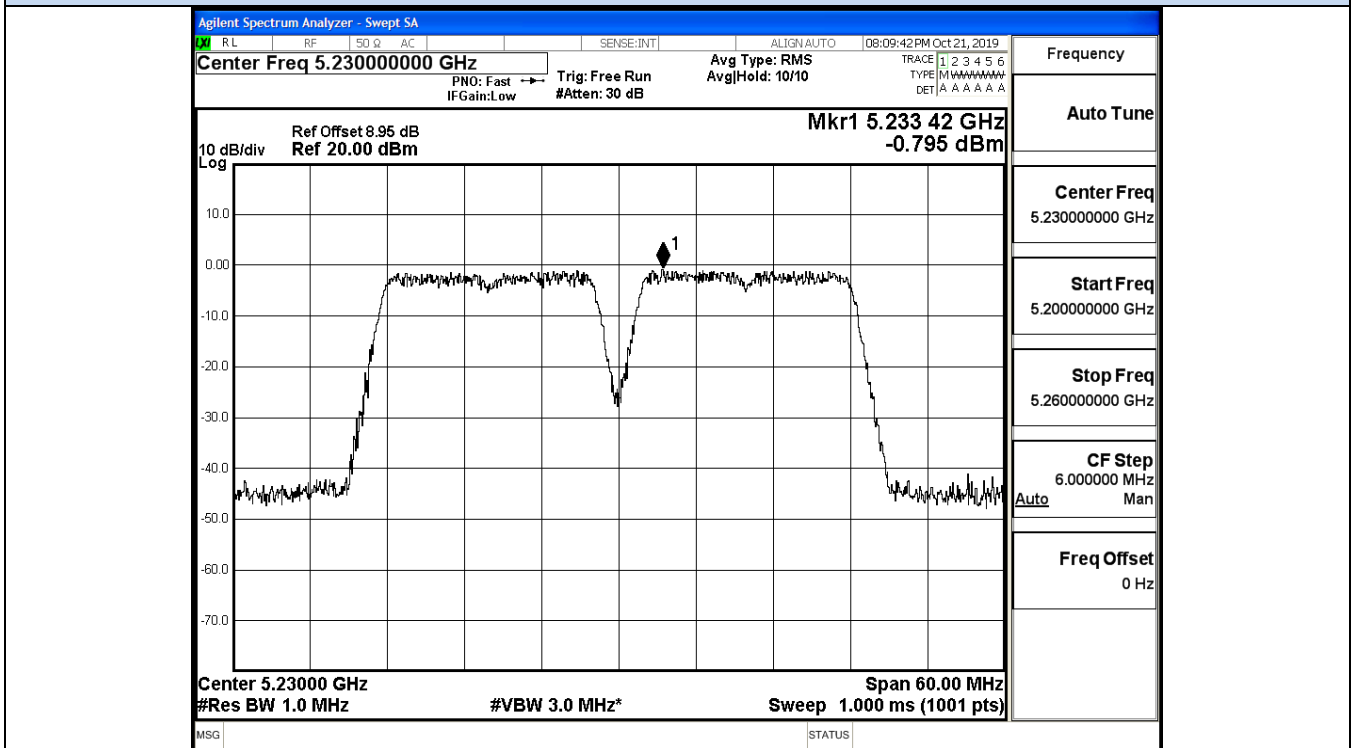
IEEE 802.11n20 / Channel 40 / 5200MHz



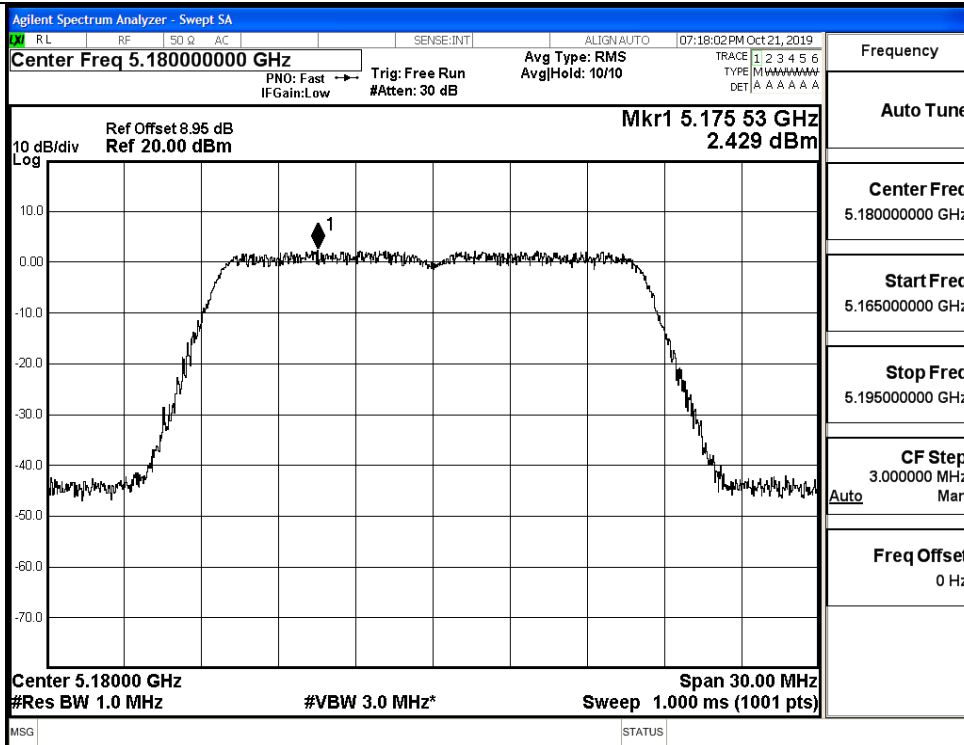
IEEE 802.11n20 / Channel 48 / 5240MHz



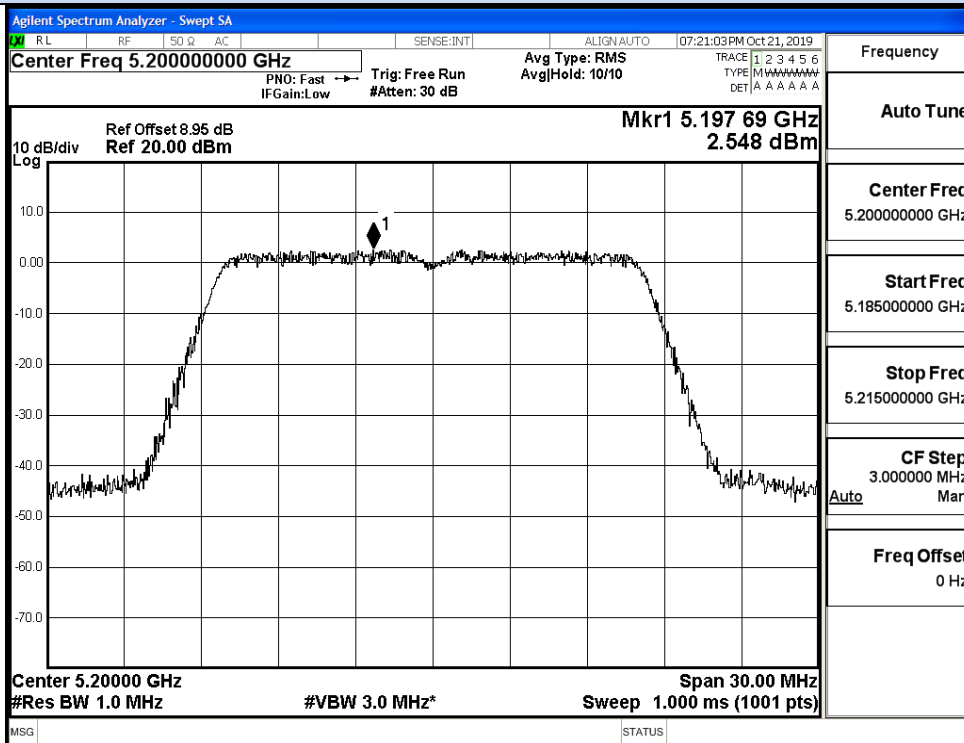
IEEE 802.11n40 / Channel 38 / 5190MHz



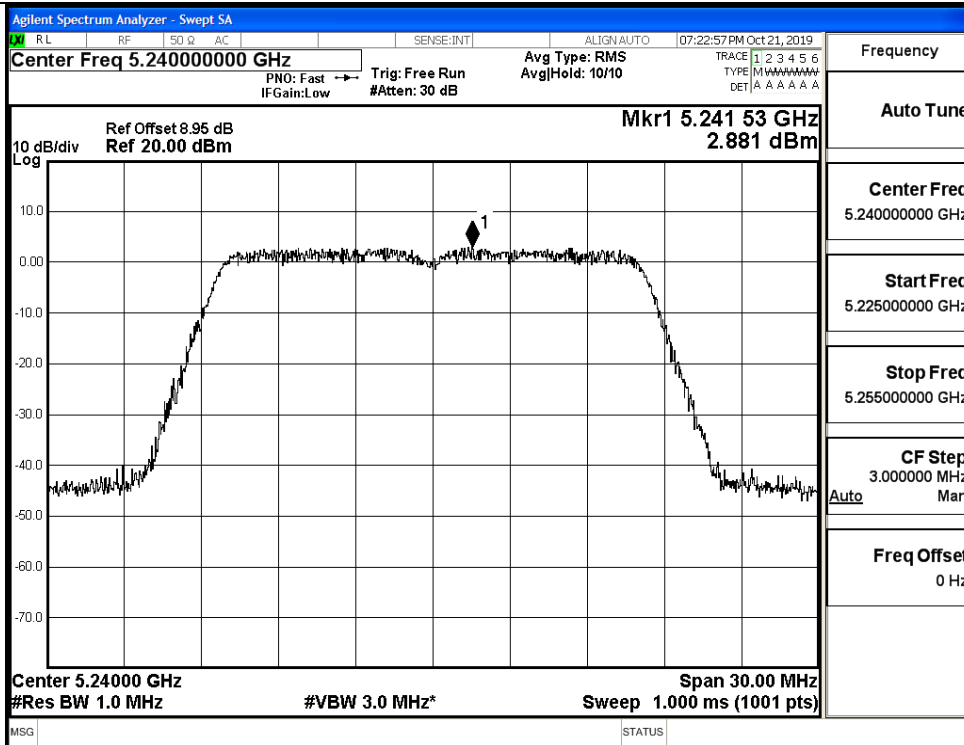
IEEE 802.11n40 / Channel 46 / 5230MHz



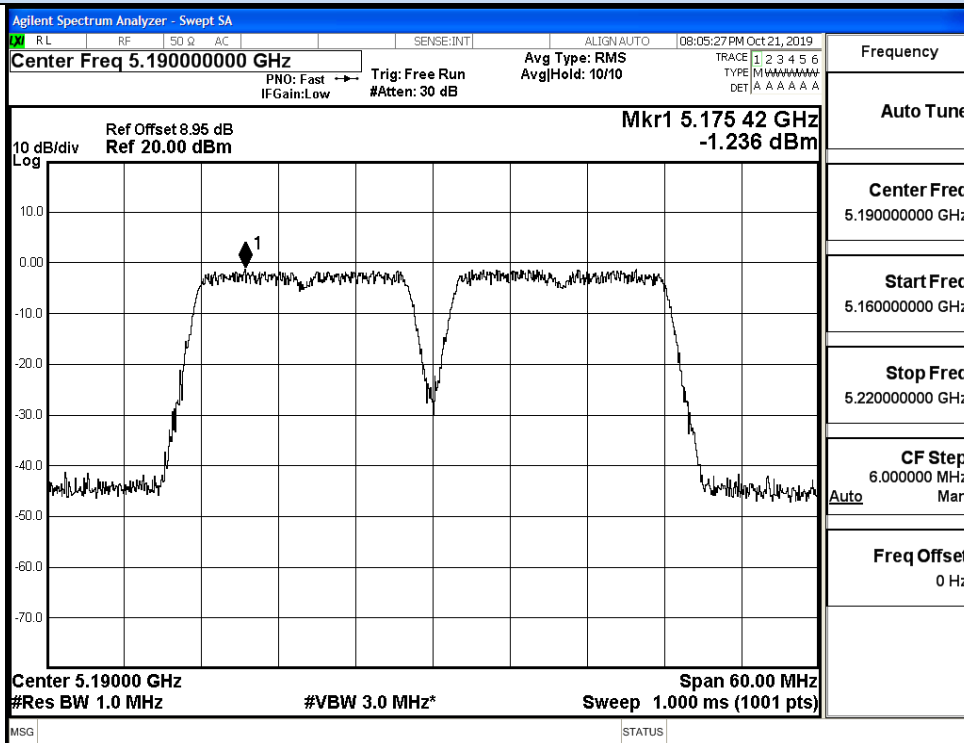
IEEE 802.11ac20 / Channel 36 / 5180MHz



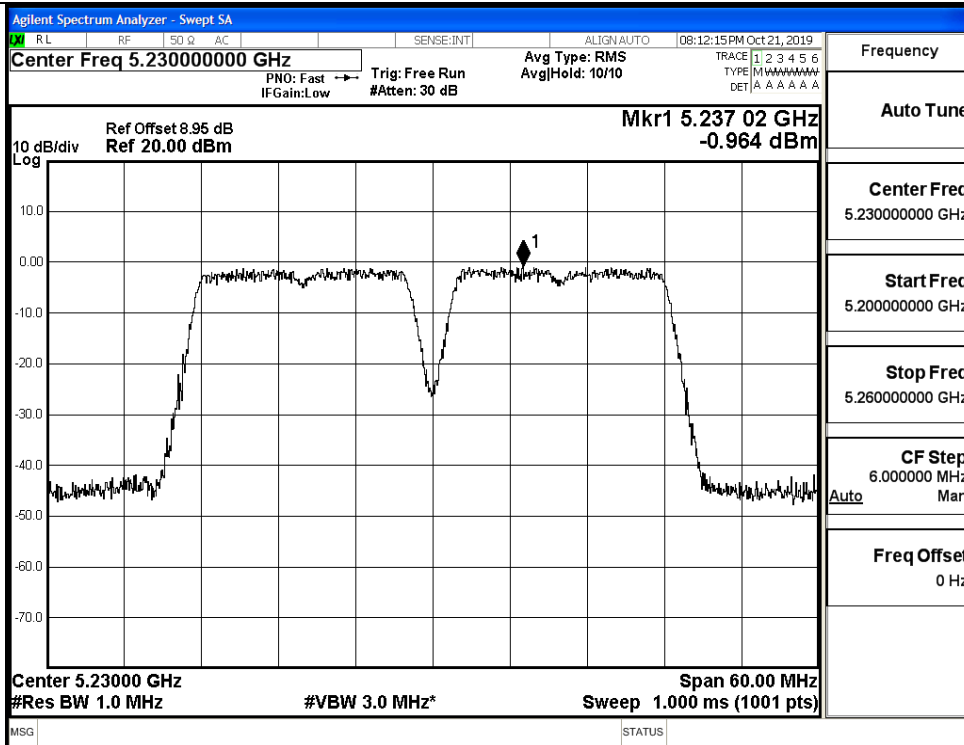
IEEE 802.11ac20 / Channel 40 / 5200MHz



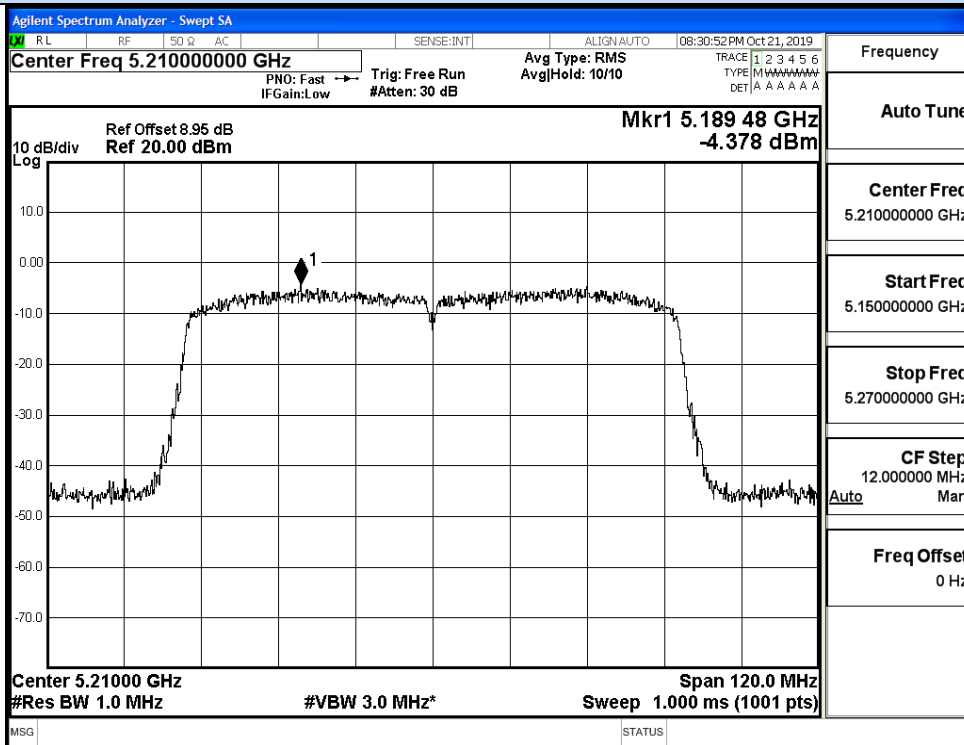
IEEE 802.11ac20 / Channel 48 / 5240MHz



IEEE 802.11ac40 / Channel 38 / 5190MHz

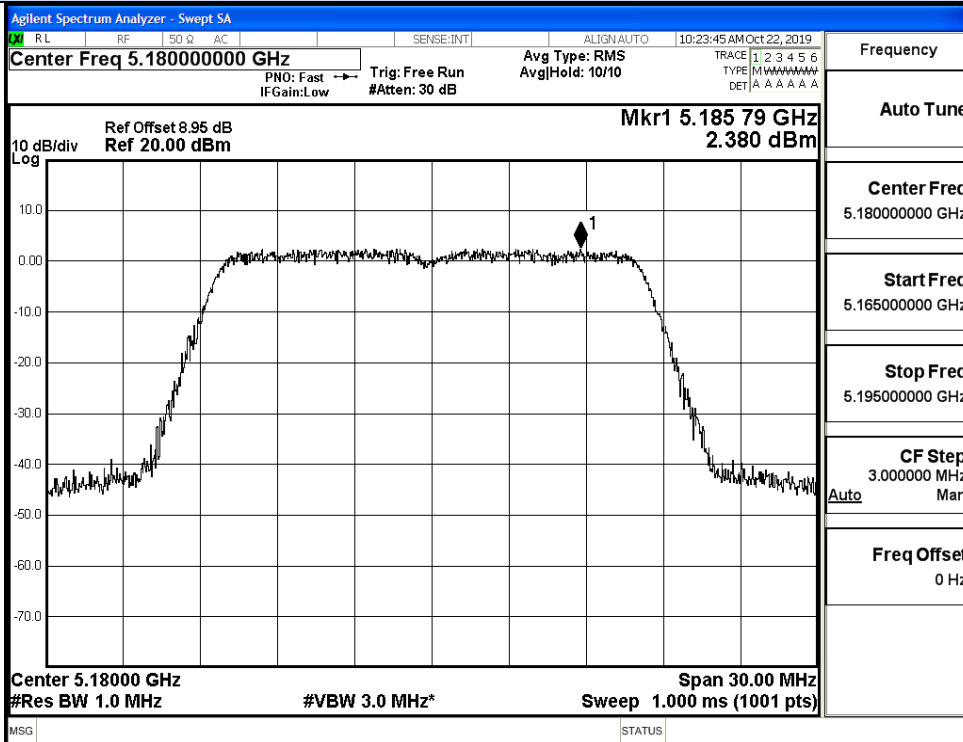


IEEE 802.11ac40 / Channel 46 / 5230MHz

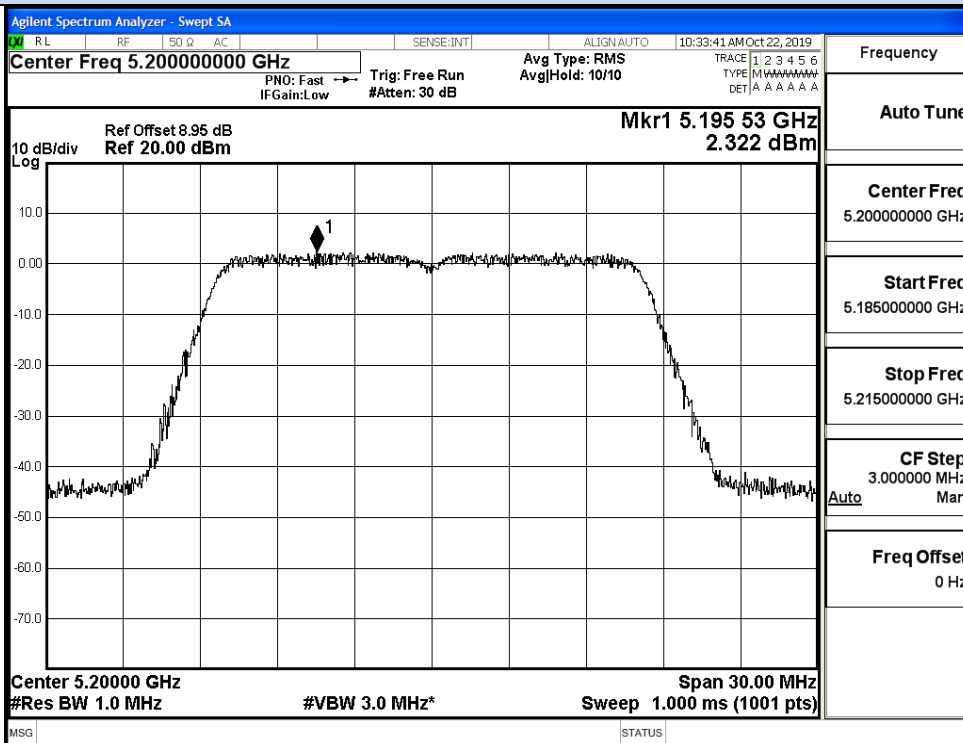


IEEE 802.11ac80 / Channel 42 / 5210MHz

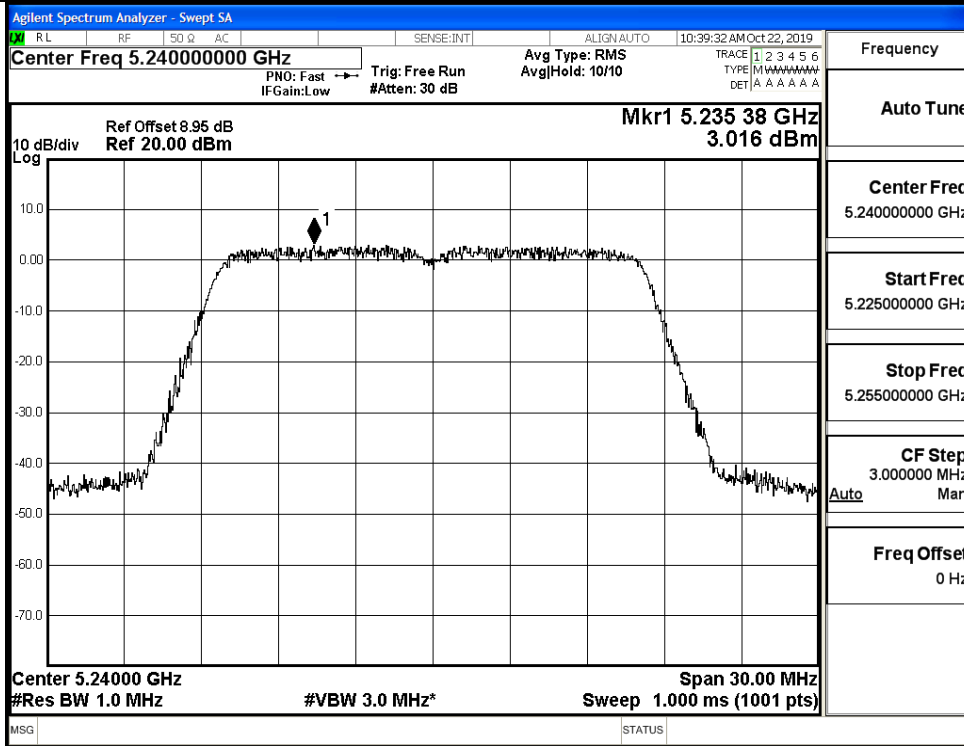
Power Spectral Density_ANT_4



IEEE 802.11a / Channel 36 / 5180MHz

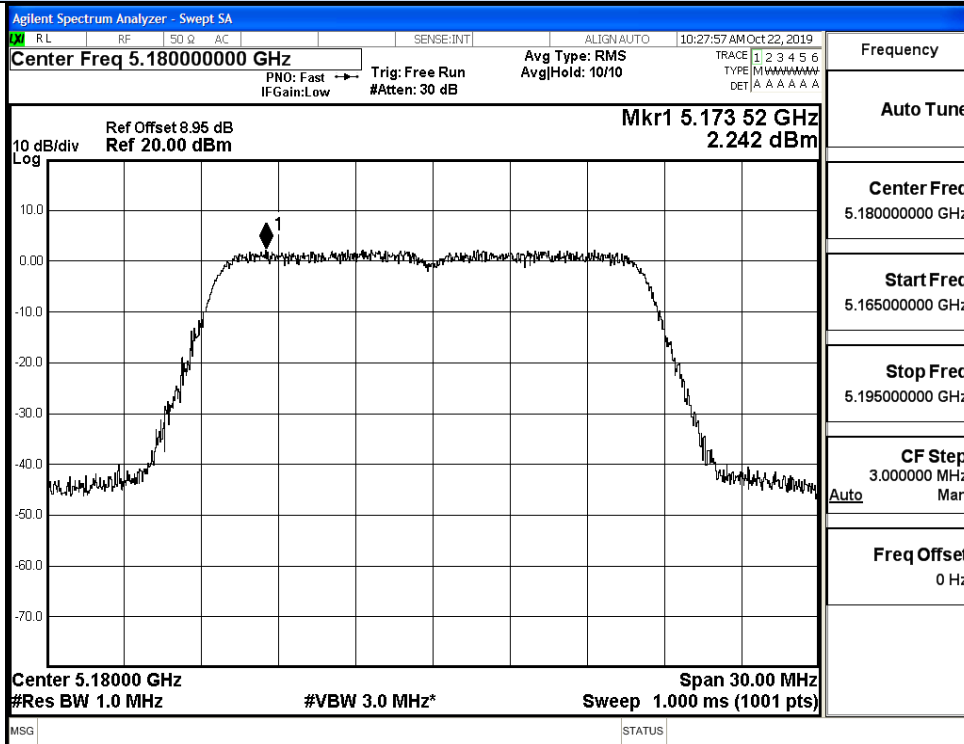


IEEE 802.11na / Channel 40 / 5200MHz

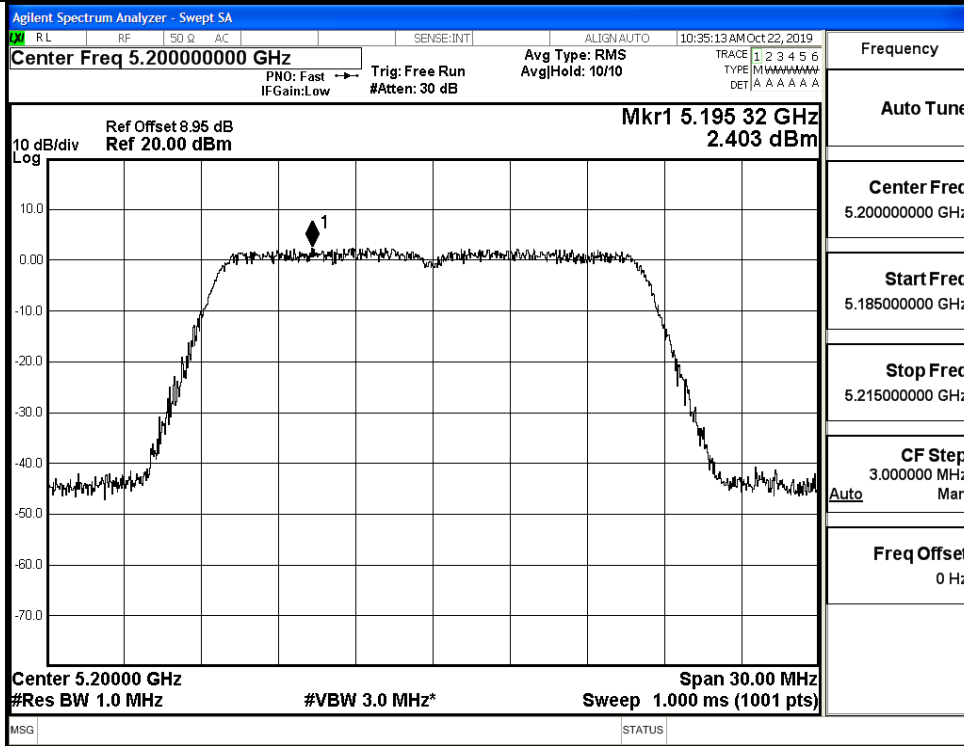


IEEE 802.11na / Channel 48 / 5240MHz

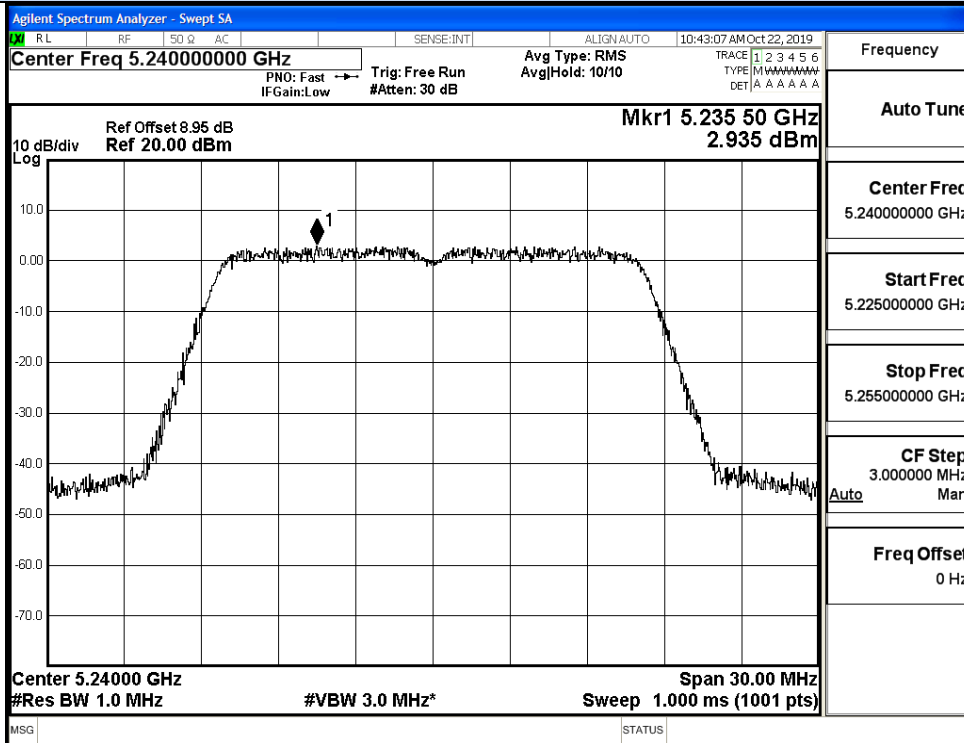
Power Spectral Density



IEEE 802.11n20 / Channel 36 / 5180MHz

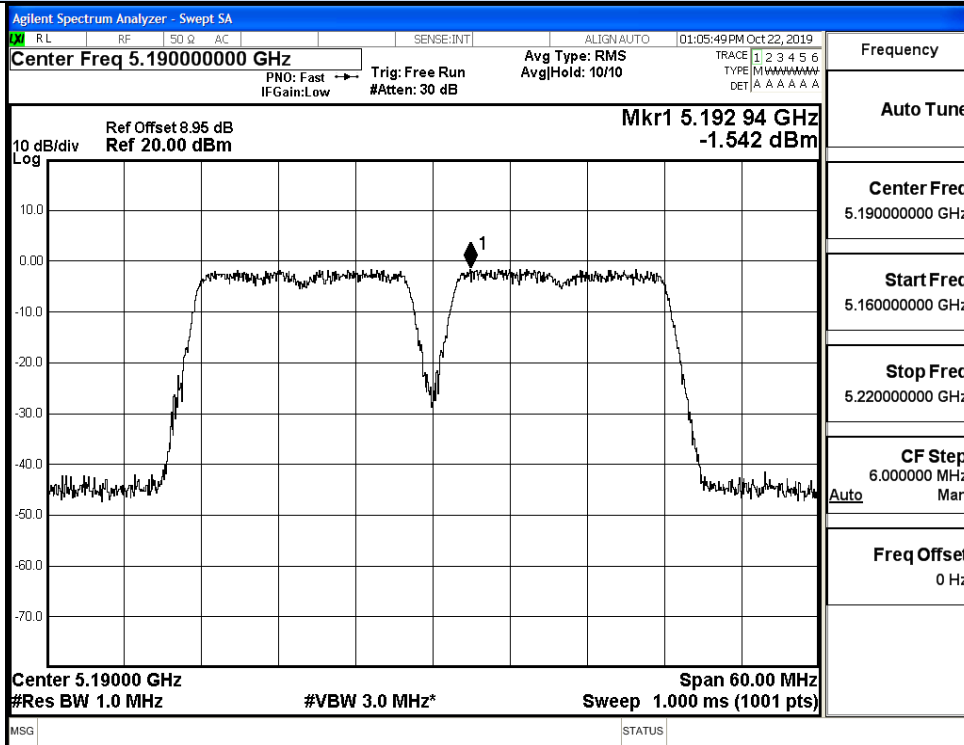


IEEE 802.11n20 / Channel 40 / 5200MHz

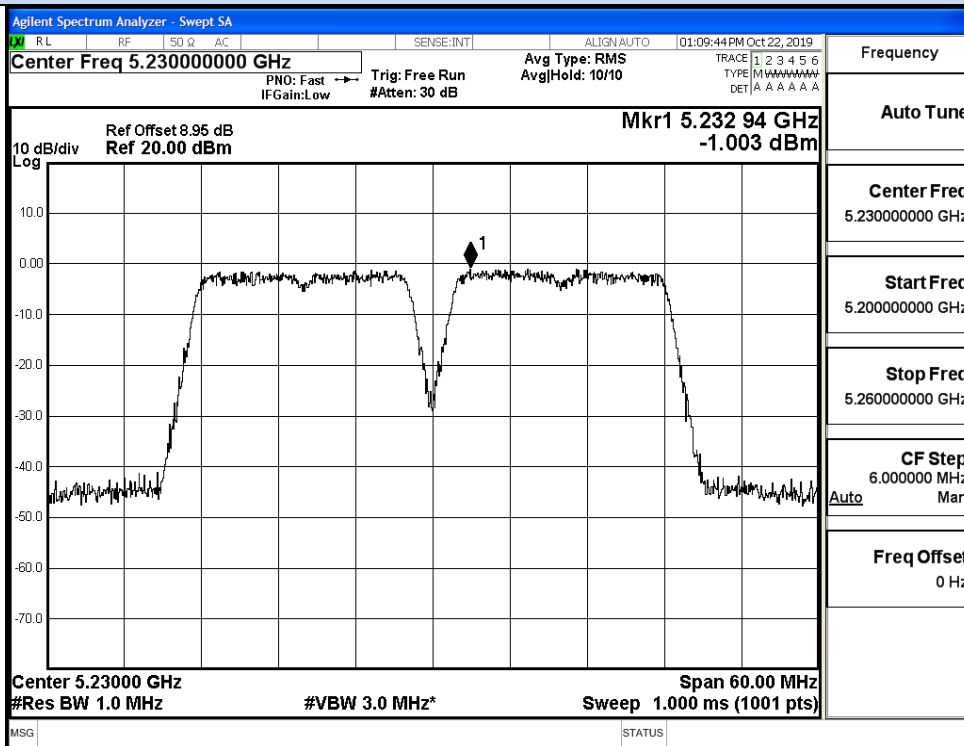


IEEE 802.11n20 / Channel 48 / 5240MHz

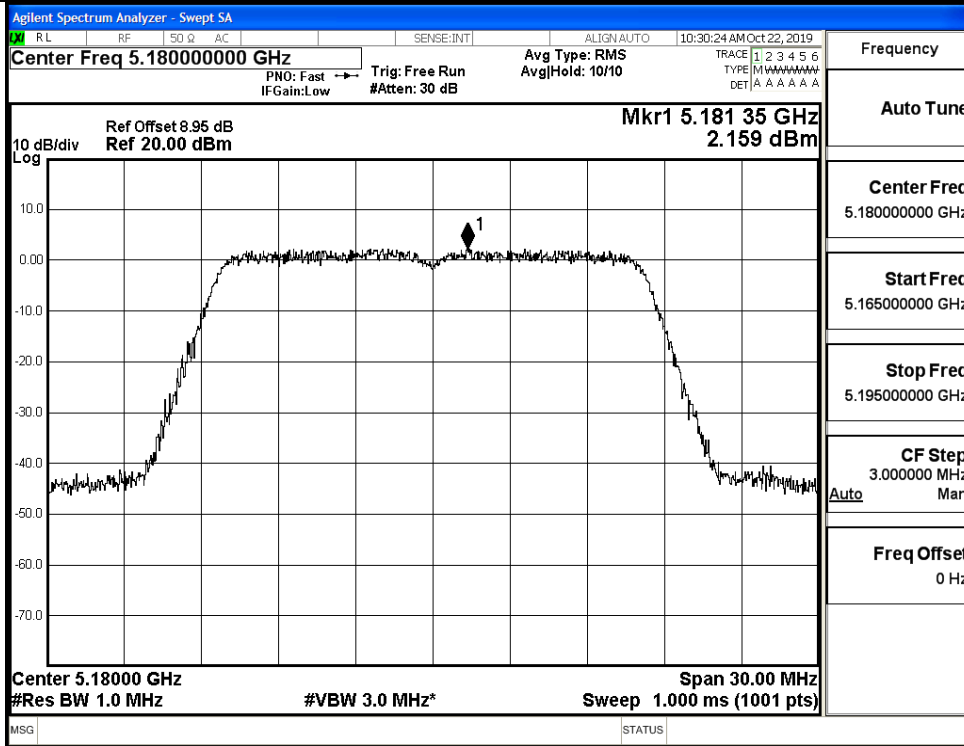
Power Spectral Density



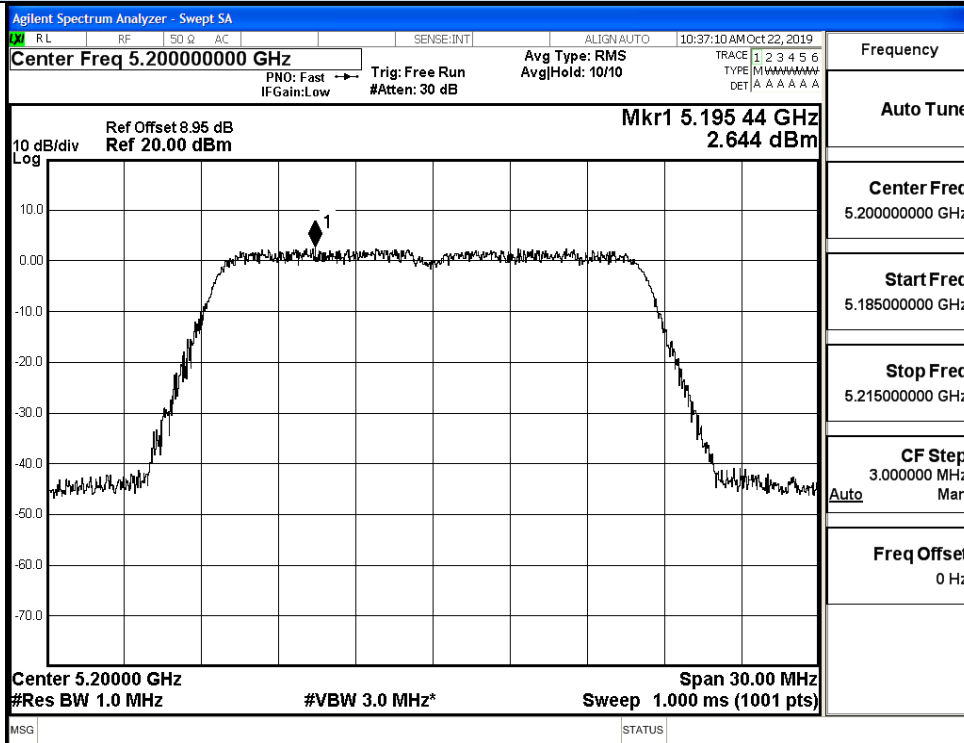
IEEE 802.11n40 / Channel 38 / 5190MHz



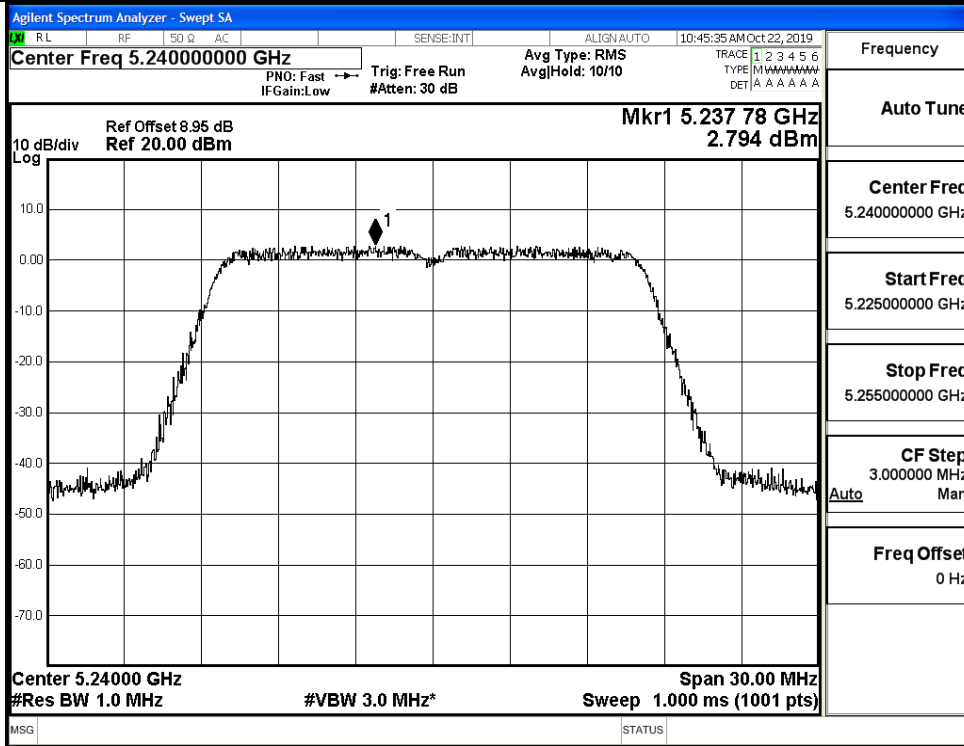
IEEE 802.11n40 / Channel 46 / 5230MHz



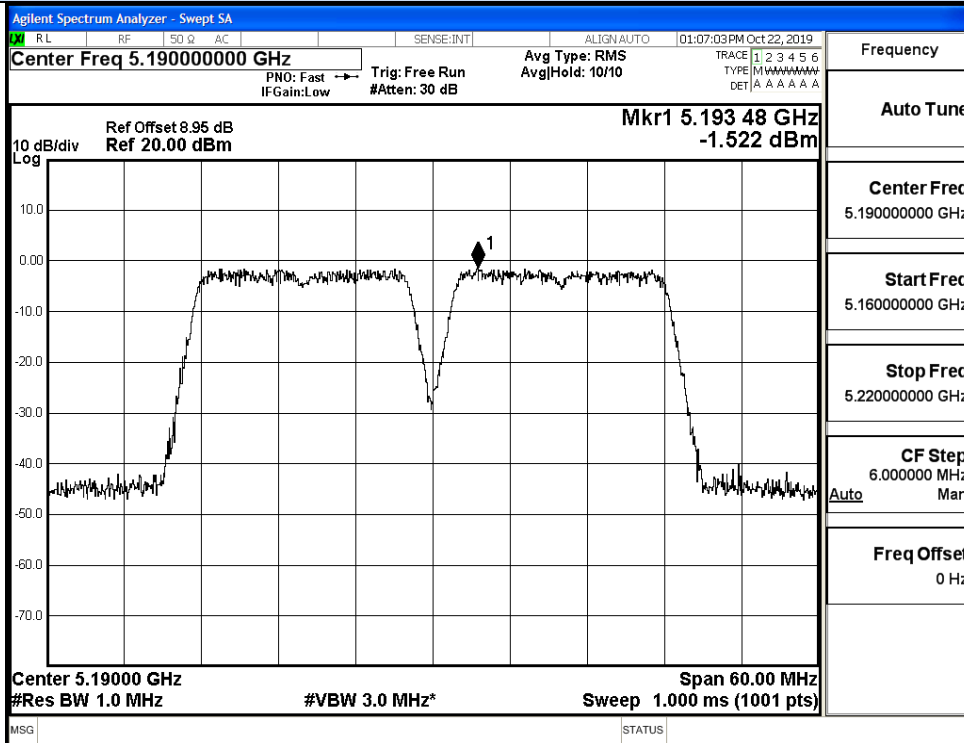
IEEE 802.11ac20 / Channel 36 / 5180MHz



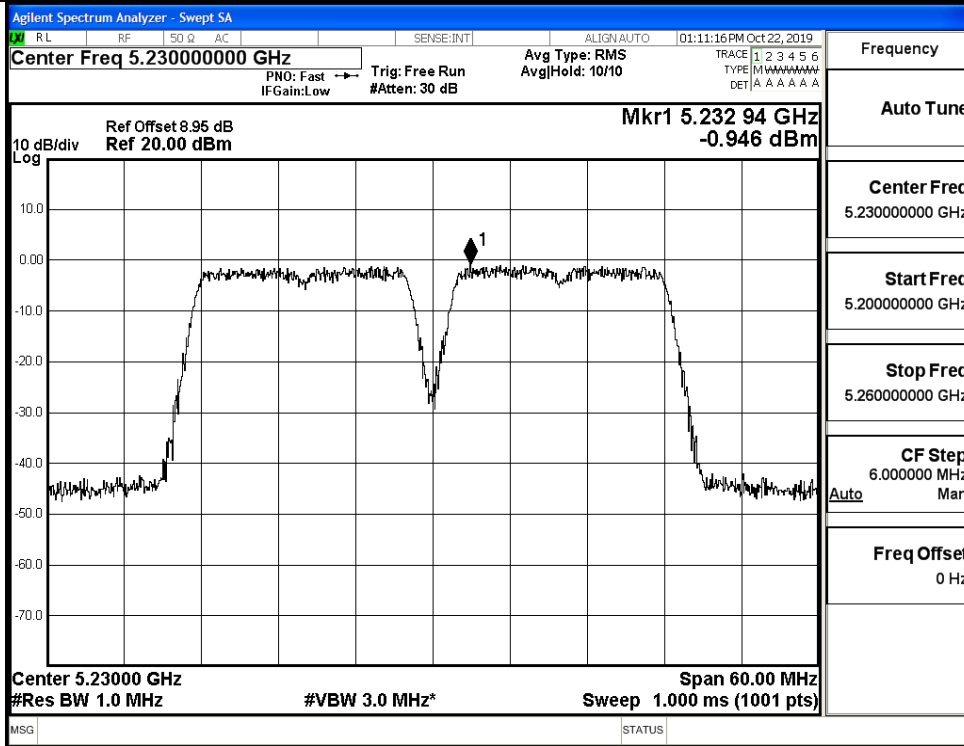
IEEE 802.11ac20 / Channel 40 / 5200MHz



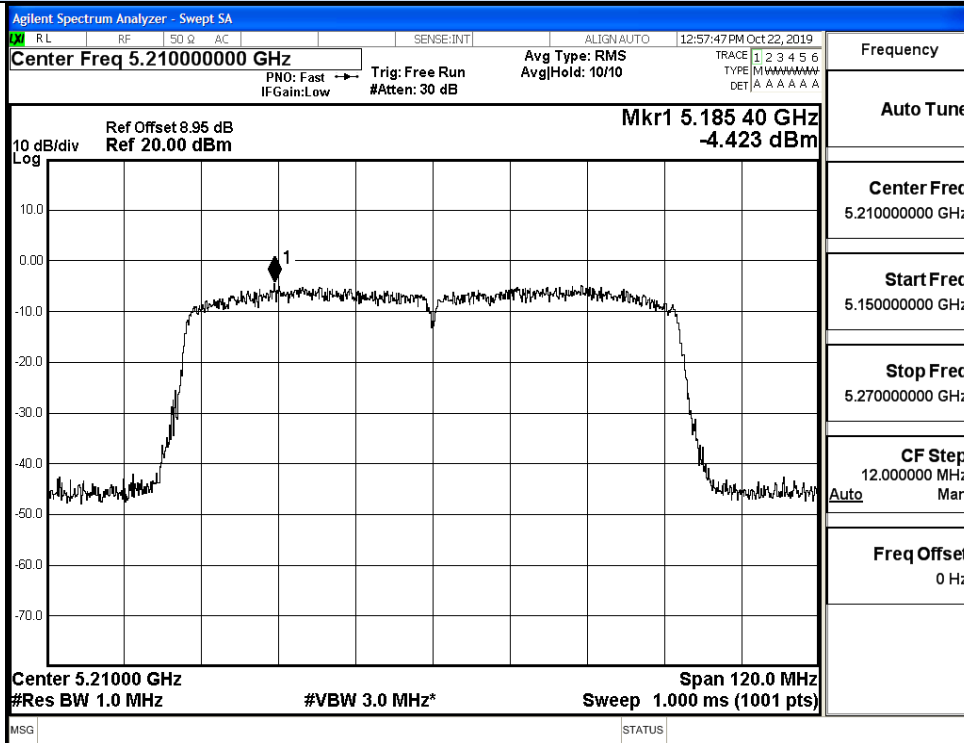
IEEE 802.11ac20 / Channel 48 / 5240MHz



IEEE 802.11ac40 / Channel 38 / 5190MHz



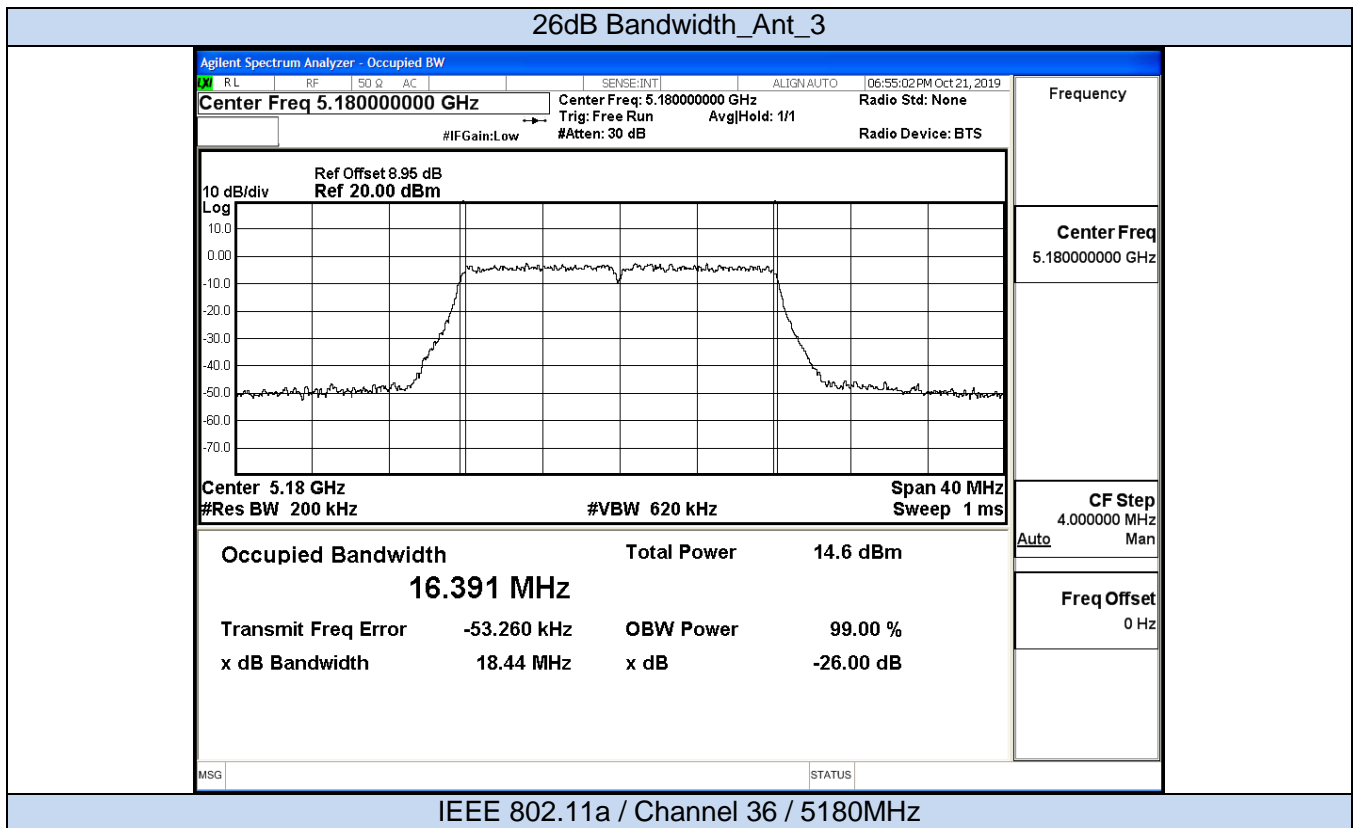
IEEE 802.11ac40 / Channel 46 / 5230MHz

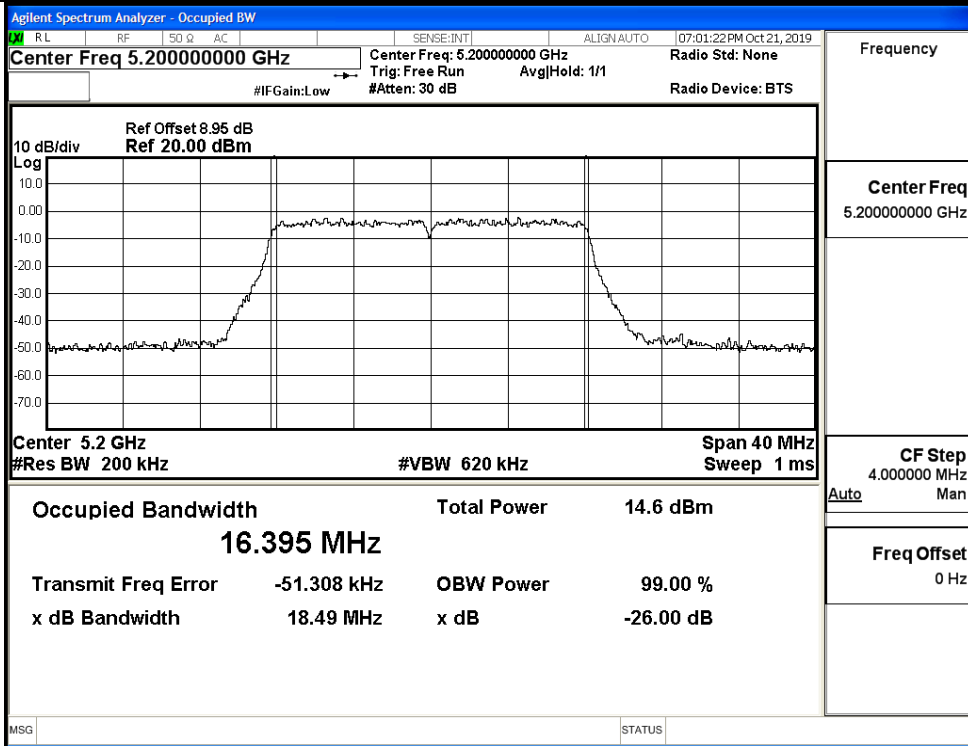


IEEE 802.11ac80 / Channel 42 / 5210MHz

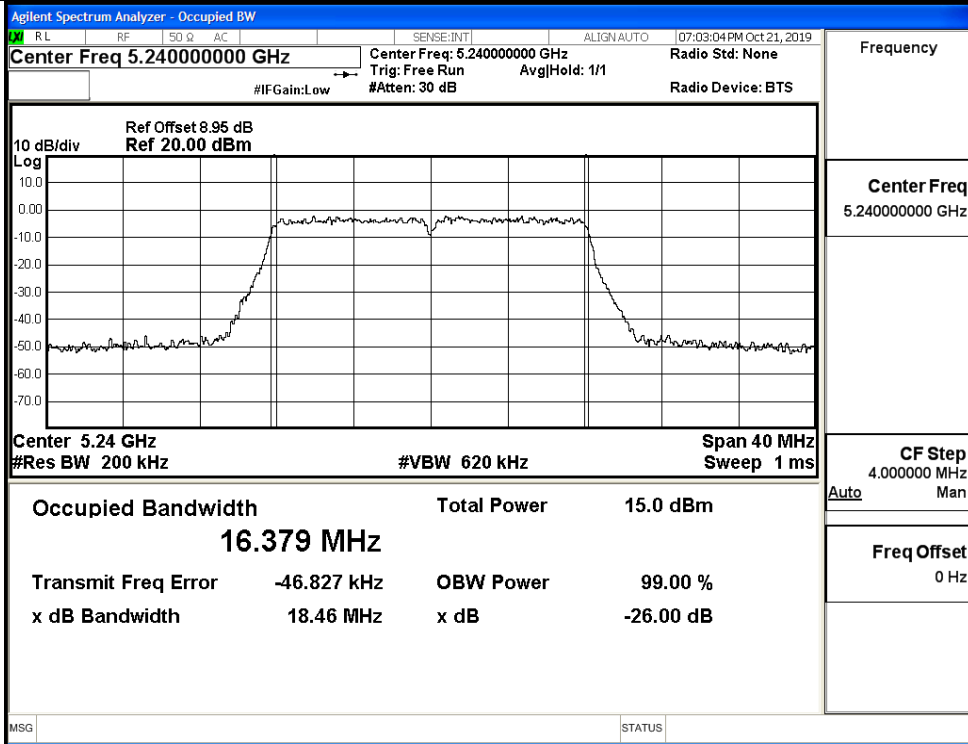
B.4 Emission Bandwidth

Test Mode	Channel	Frequency (MHz)	26dB Bandwidth (MHz)		Limit (MHz)	Verdict
			Ant_3	Ant_4		
11A	36	5180	18.44	18.49	No Limit	Pass
	40	5200	18.49	18.34		Pass
	48	5240	18.46	18.51		Pass
11N20	36	5180	18.40	18.43	No Limit	Pass
	40	5200	18.38	18.52		Pass
	48	5240	18.50	18.34		Pass
11N40	38	5190	38.92	38.88	No Limit	Pass
	46	5230	39.01	38.80		Pass
11AC20	36	5180	18.51	18.42	No Limit	Pass
	40	5200	18.36	18.40		Pass
	48	5240	18.44	18.33		Pass
11AC40	38	5190	38.97	38.92	No Limit	Pass
	46	5230	38.98	38.78		Pass
11AC80	42	5210	81.12	80.70	No Limit	Pass



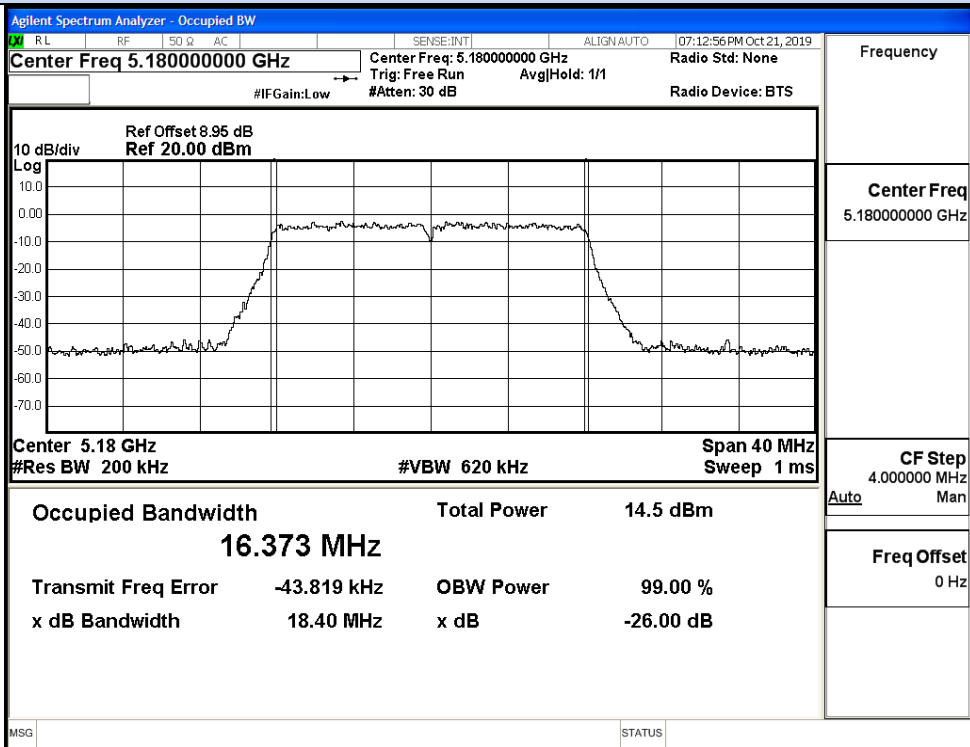


IEEE 802.11a / Channel 40 / 5200MHz

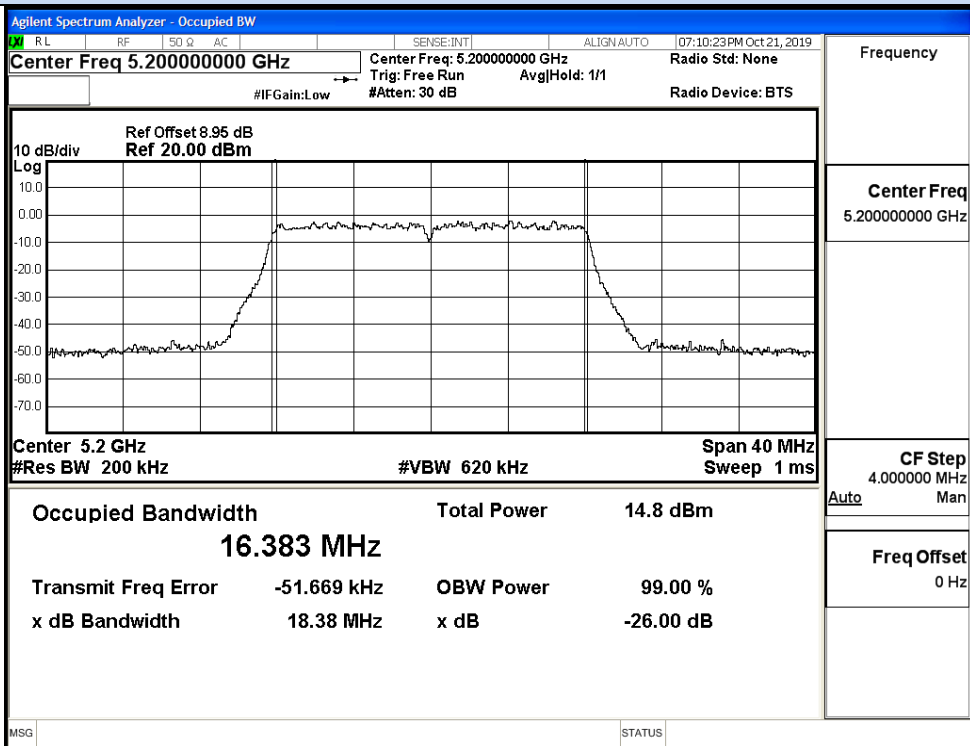


IEEE 802.11a / Channel 48 / 5240MHz

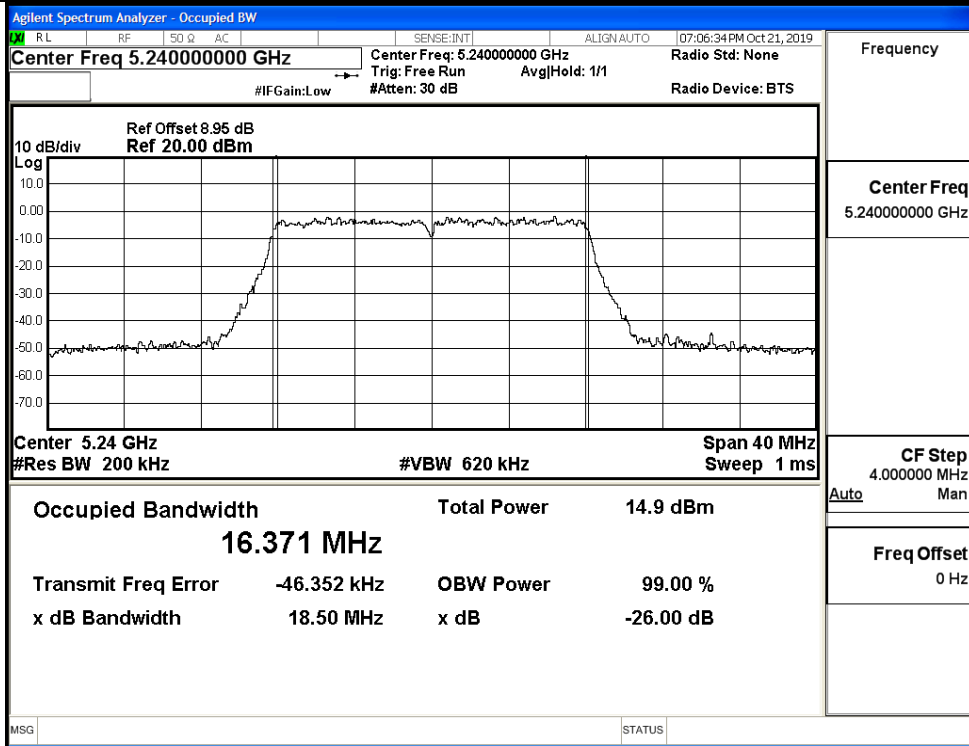
26dB Bandwidth



IEEE 802.11n20 / Channel 36 / 5180MHz

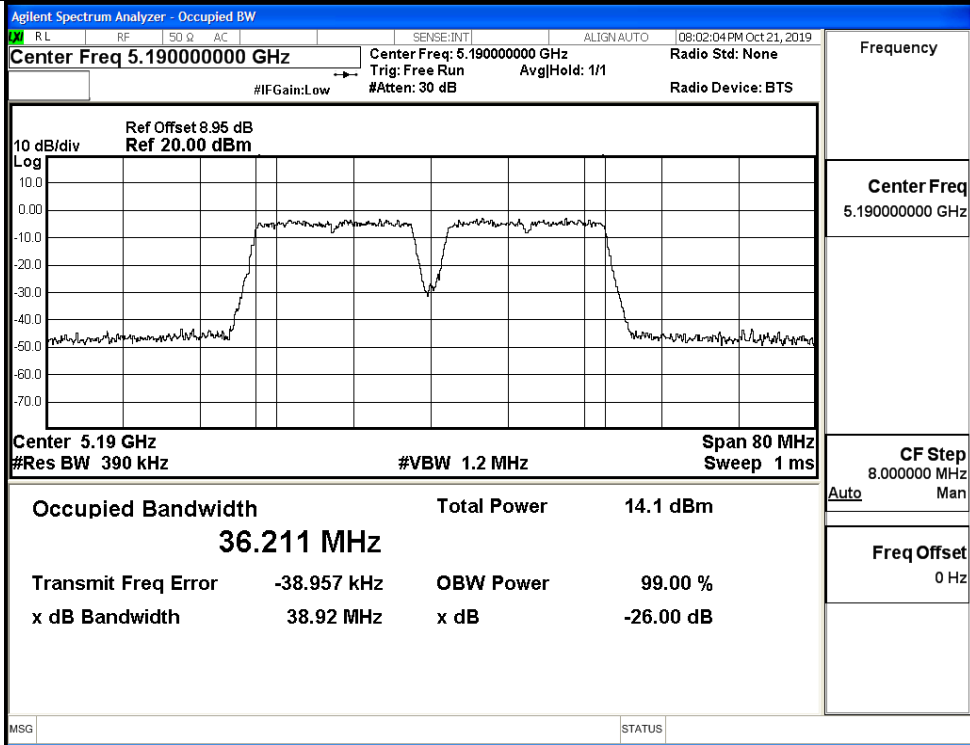


IEEE 802.11n20 / Channel 40 / 5200MHz

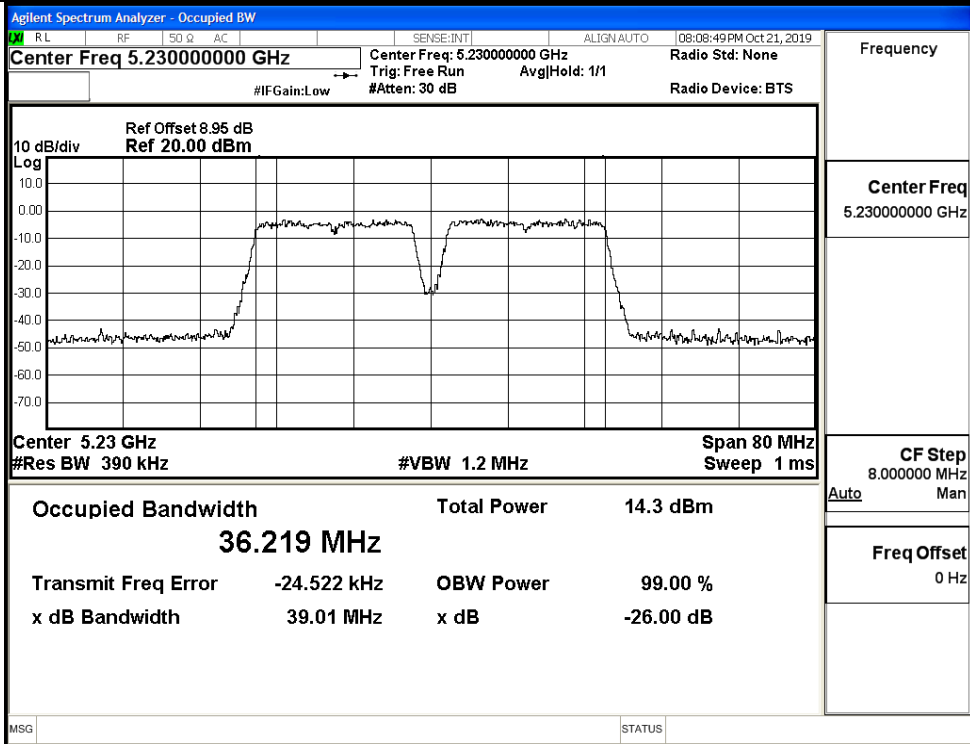


IEEE 802.11n20 / Channel 48 / 5240MHz

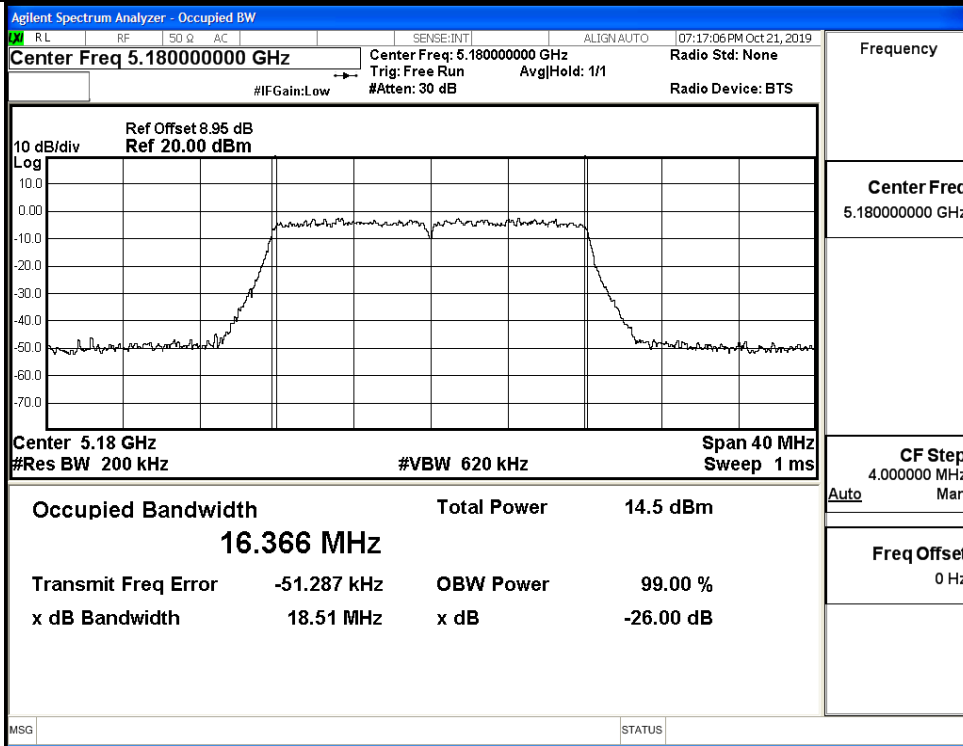
26dB Bandwidth



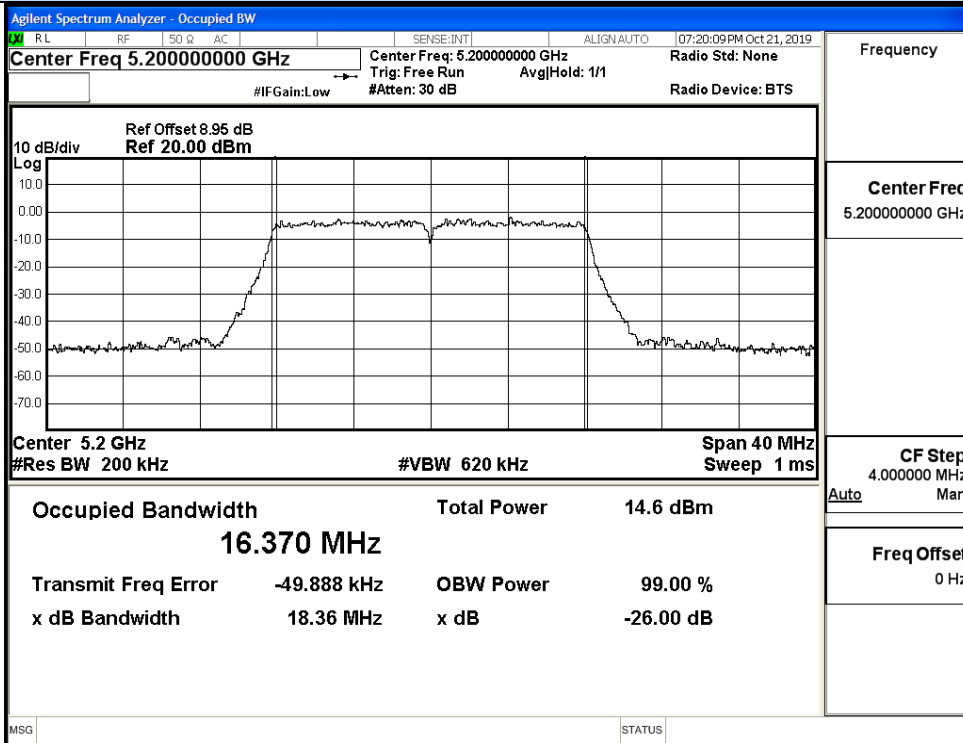
IEEE 802.11n40 / Channel 38 / 5190MHz



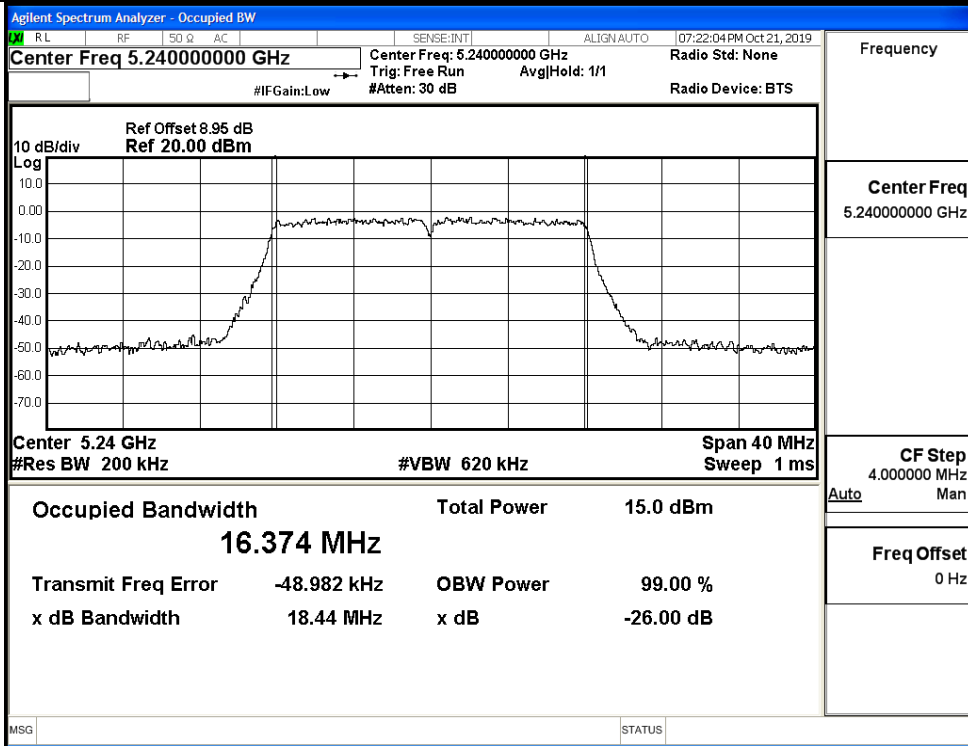
IEEE 802.11n40 / Channel 46 / 5230MHz



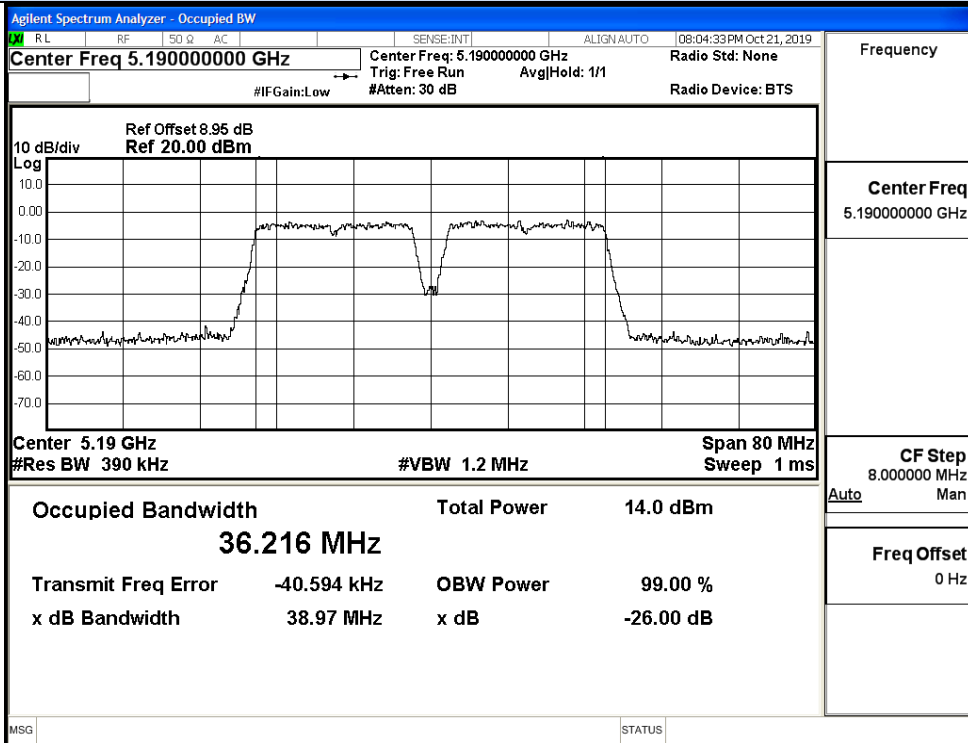
IEEE 802.11ac20 / Channel 36 / 5180MHz



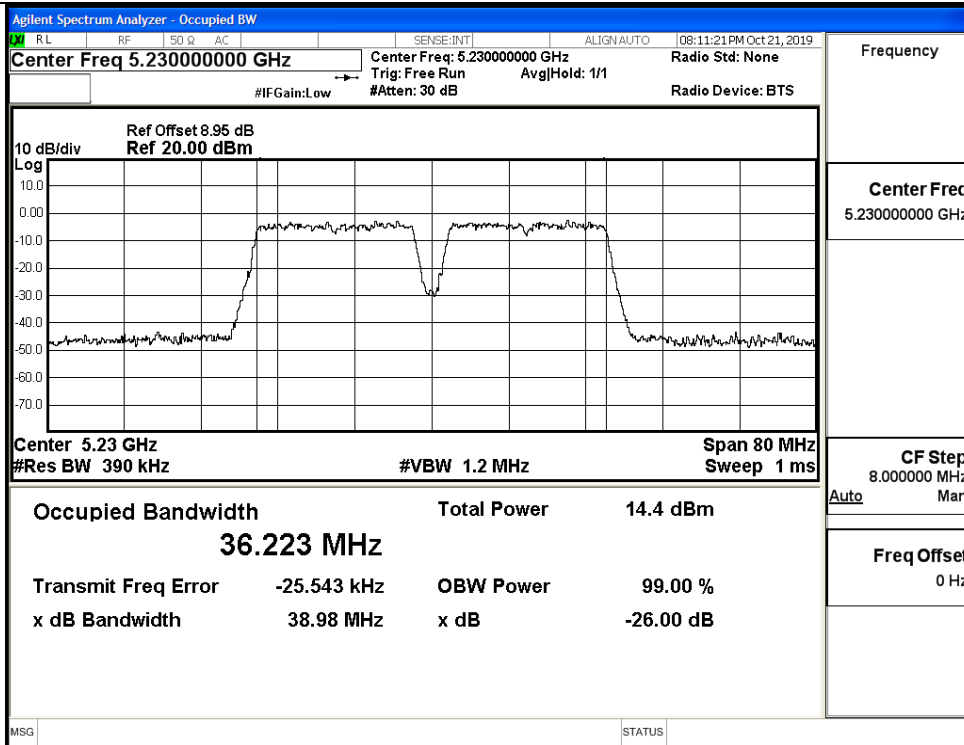
IEEE 802.11ac20 / Channel 40 / 5200MHz



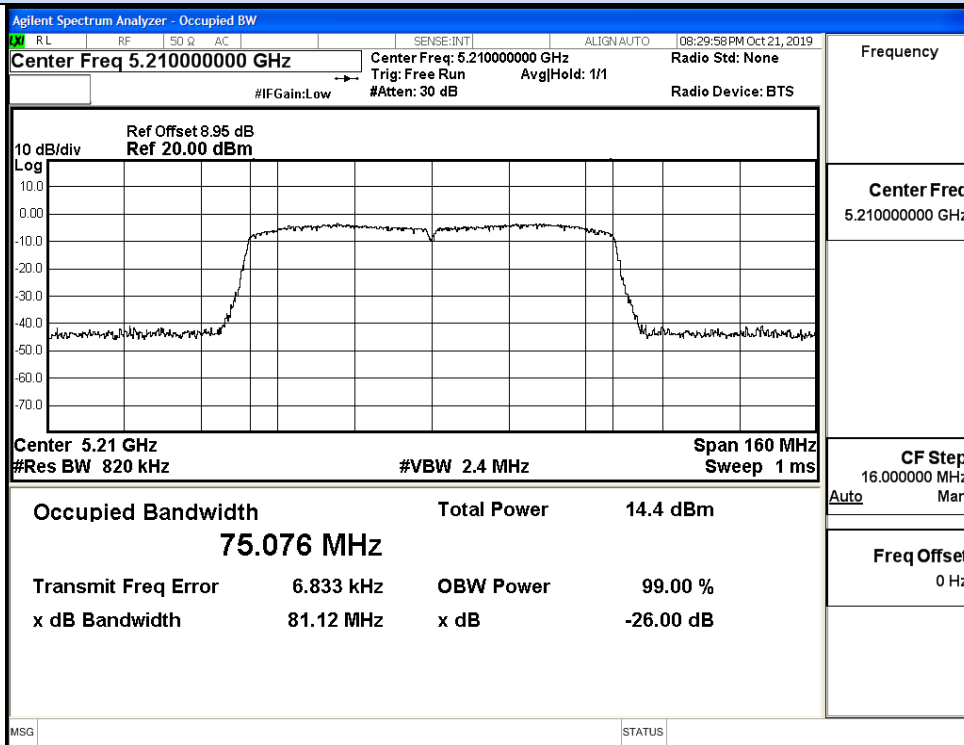
IEEE 802.11ac20 / Channel 48 / 5240MHz



IEEE 802.11ac40 / Channel 38 / 5190MHz

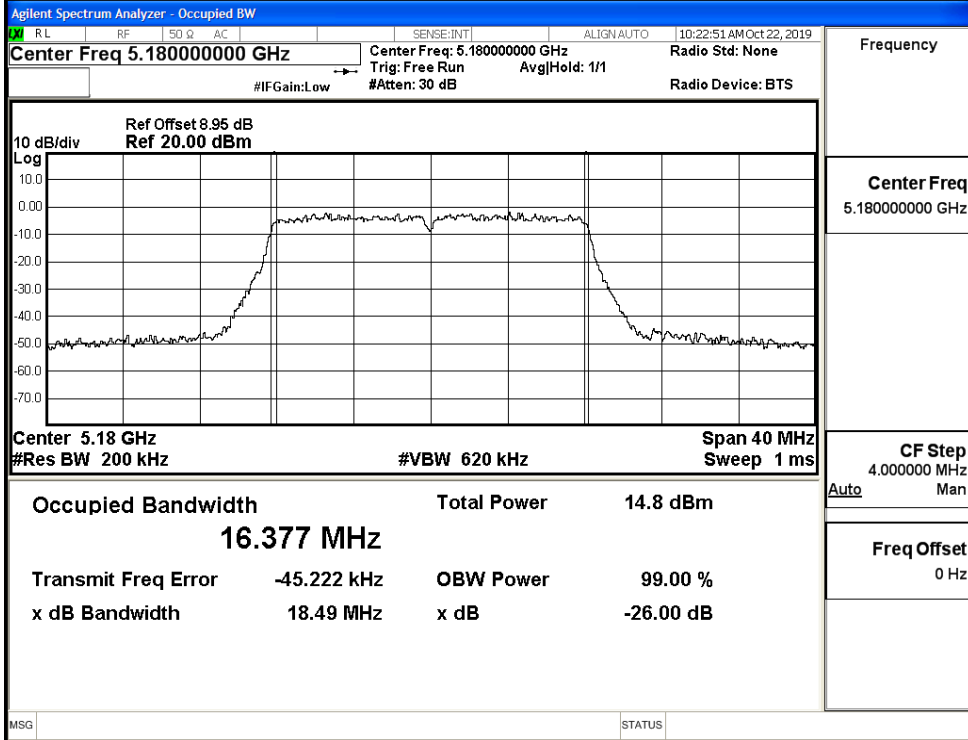


IEEE 802.11ac40 / Channel 46 / 5230MHz

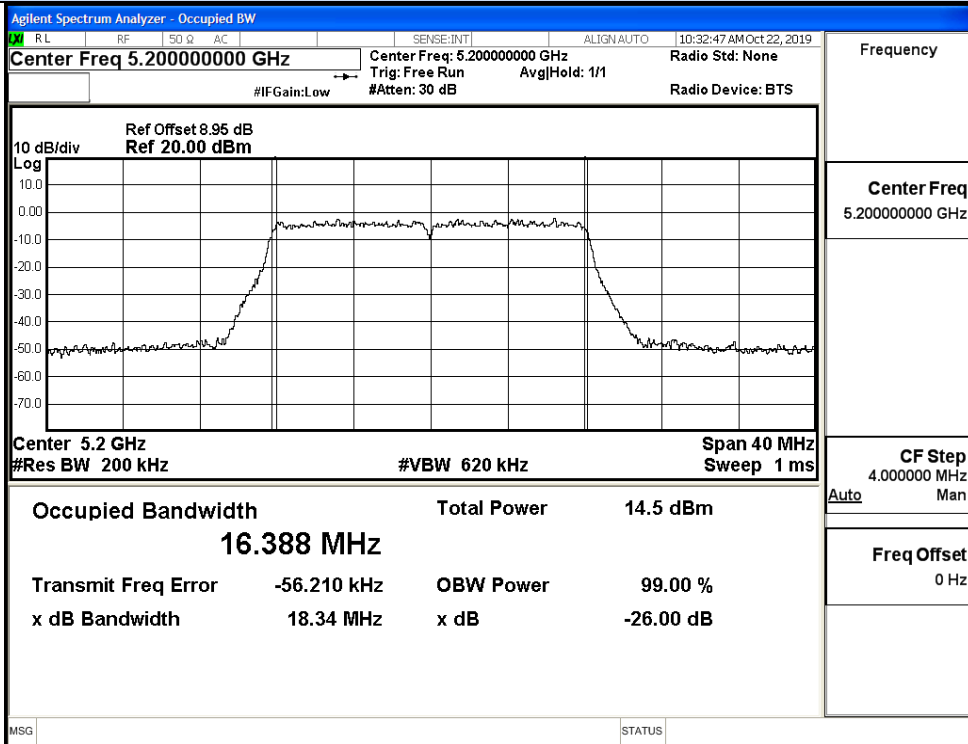


IEEE 802.11ac80 / Channel 42 / 5210MHz

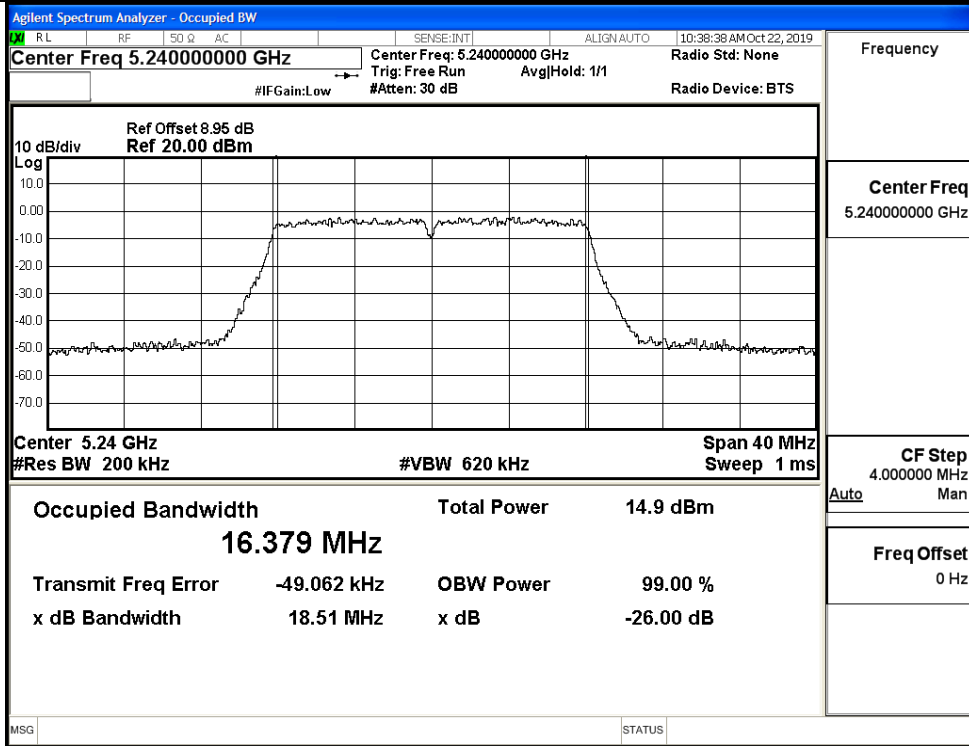
26dB Bandwidth_ANT_4



IEEE 802.11a / Channel 36 / 5180MHz

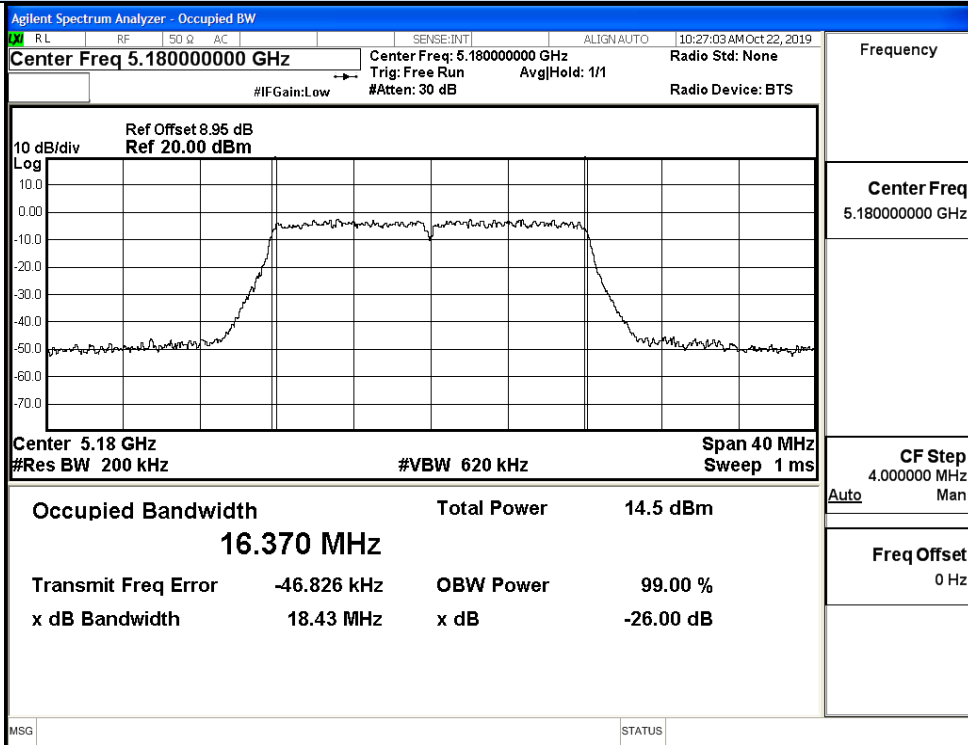


IEEE 802.11a / Channel 40 / 5200MHz

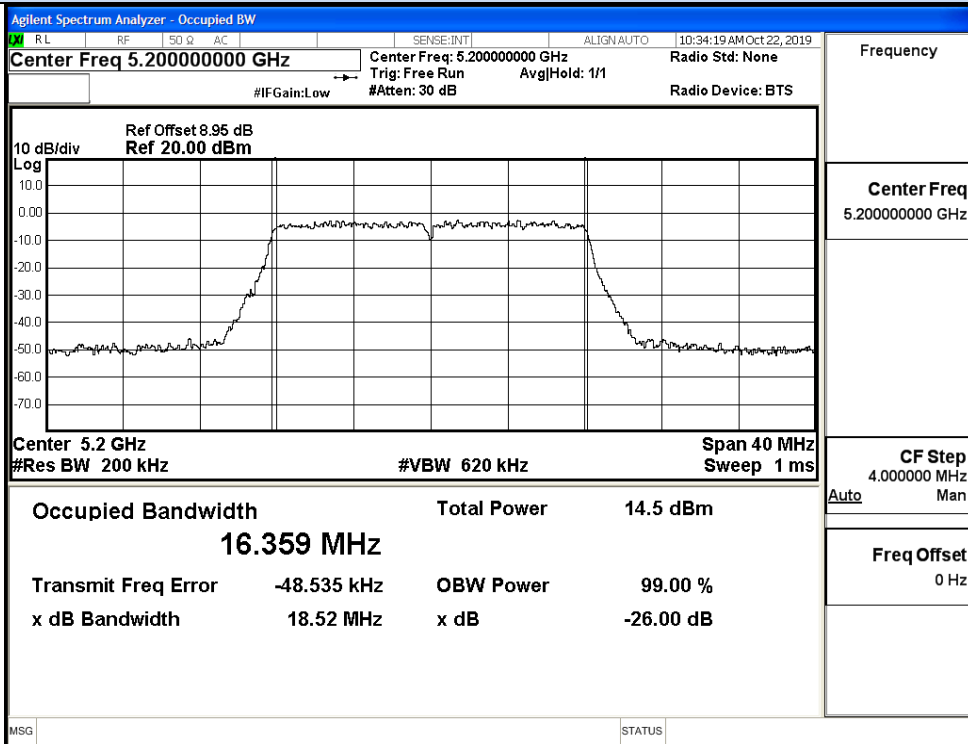


IEEE 802.11a / Channel 48 / 5240MHz

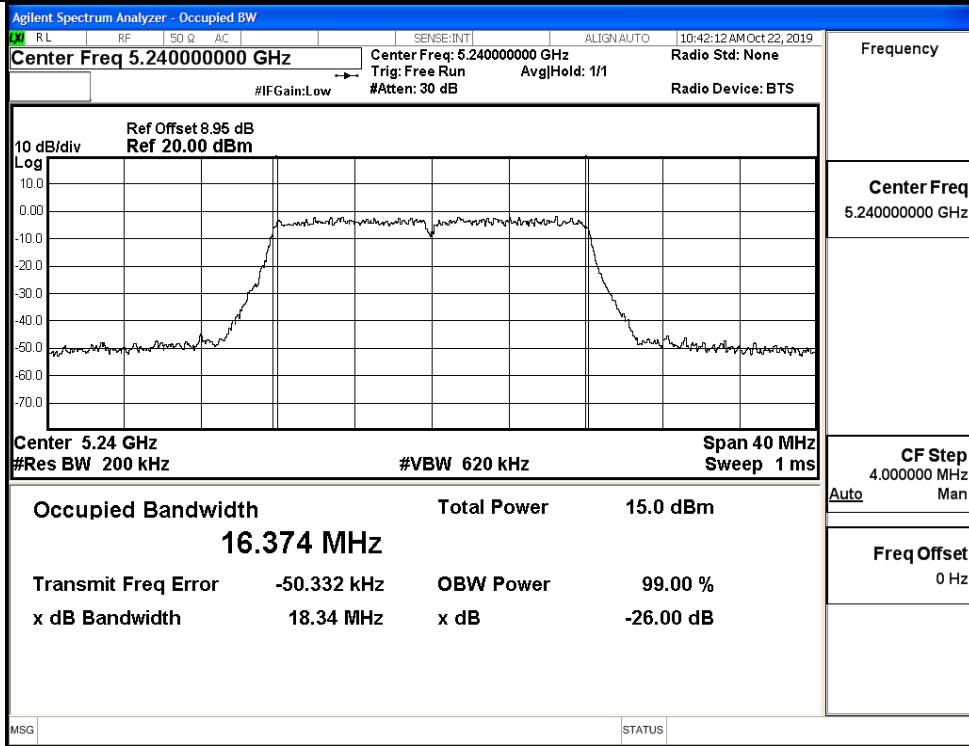
26dB Bandwidth



IEEE 802.11n20 / Channel 36 / 5180MHz

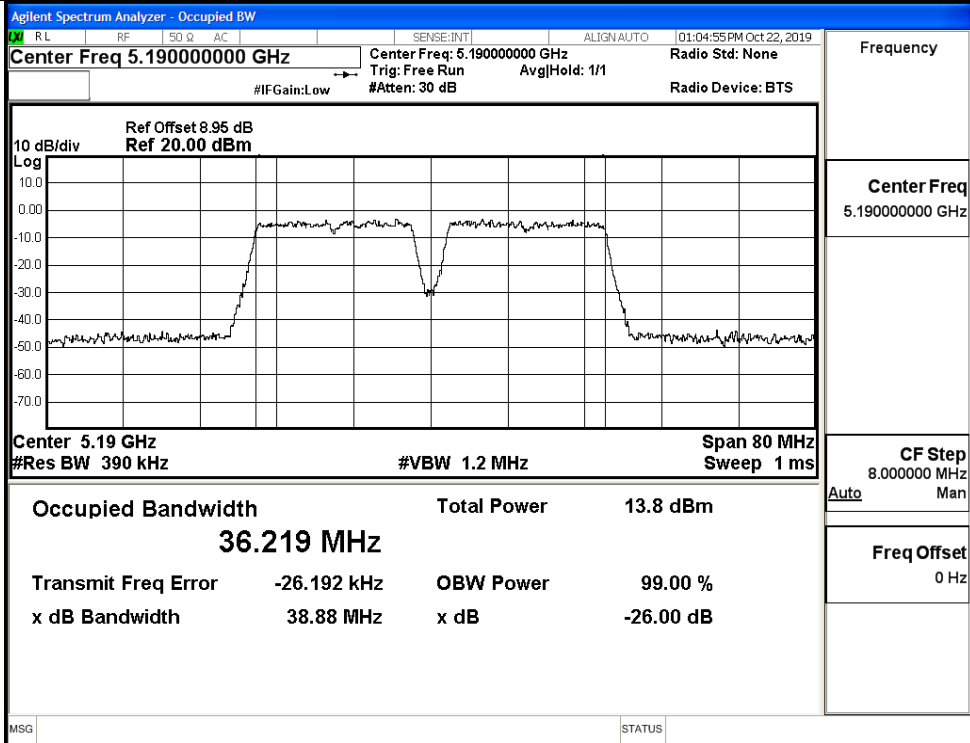


IEEE 802.11n20 / Channel 40 / 5200MHz

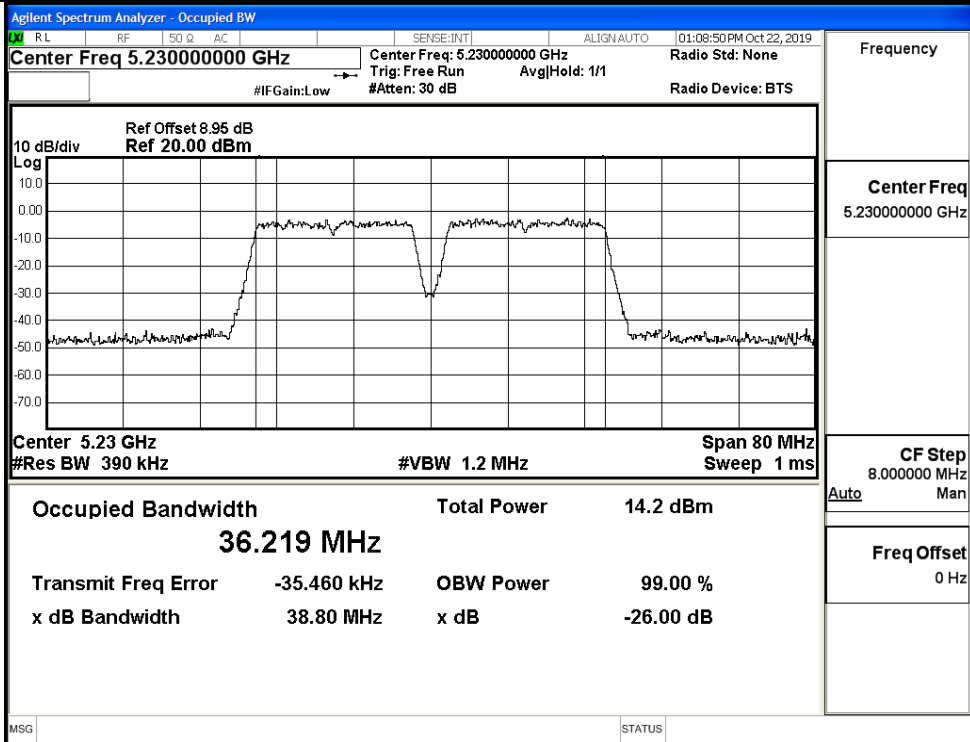


IEEE 802.11n20 / Channel 48 / 5240MHz

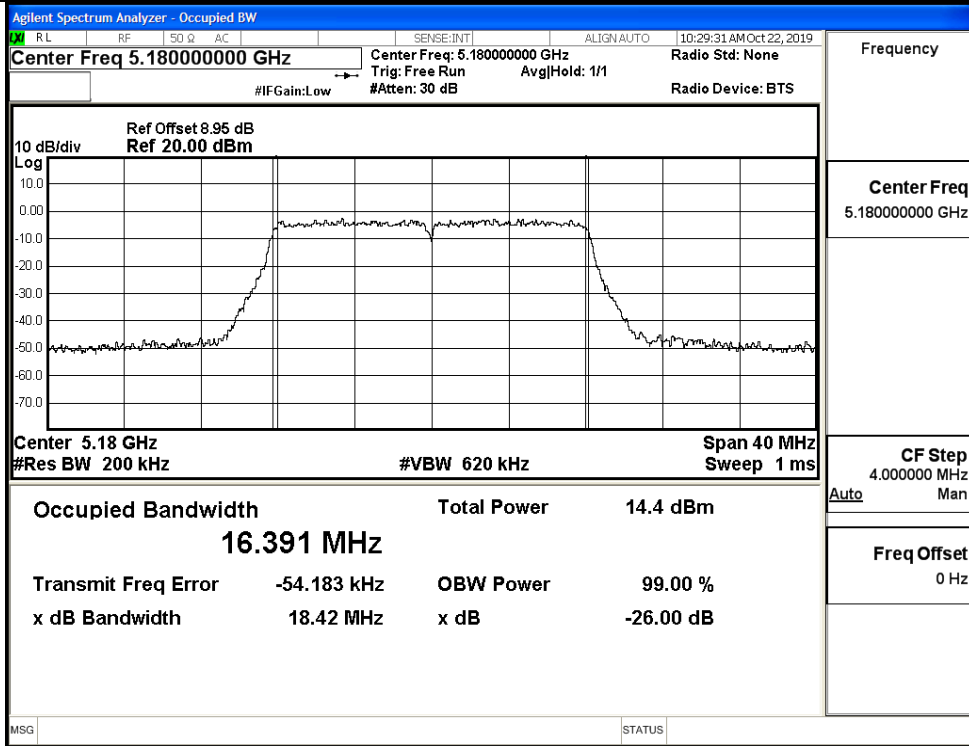
26dB Bandwidth



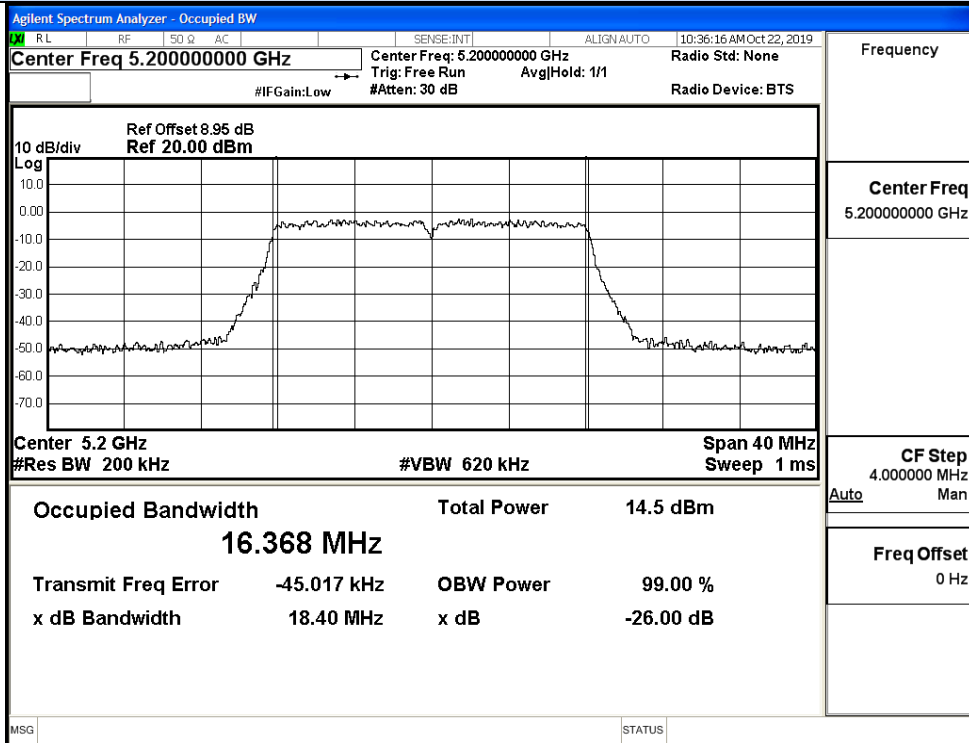
IEEE 802.11n40 / Channel 38 / 5190MHz



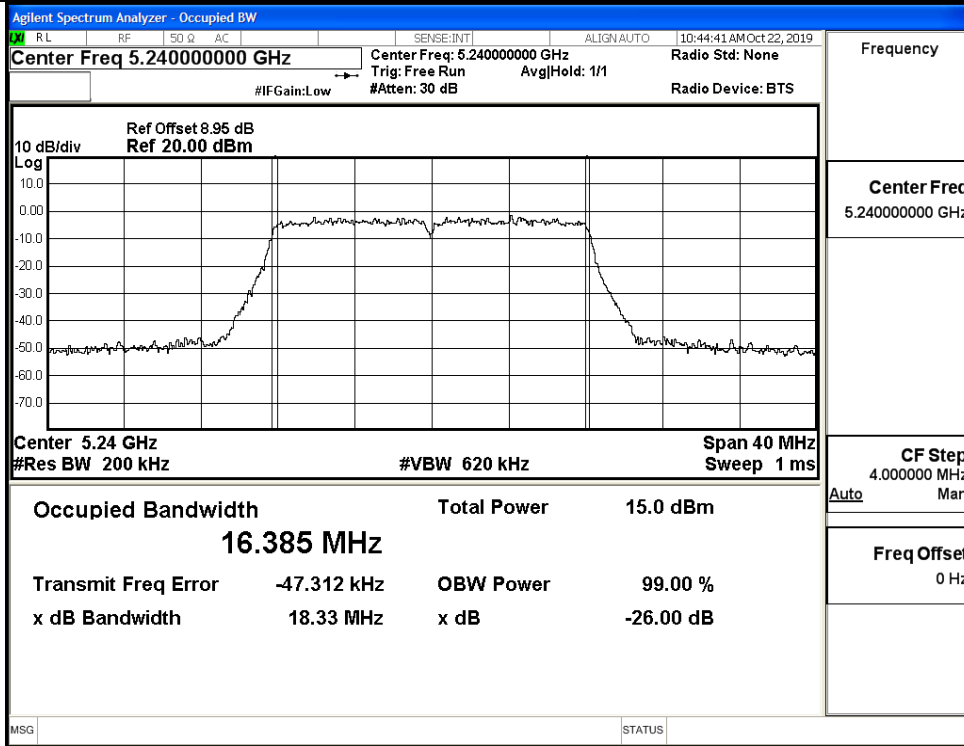
IEEE 802.11n40 / Channel 46 / 5230MHz



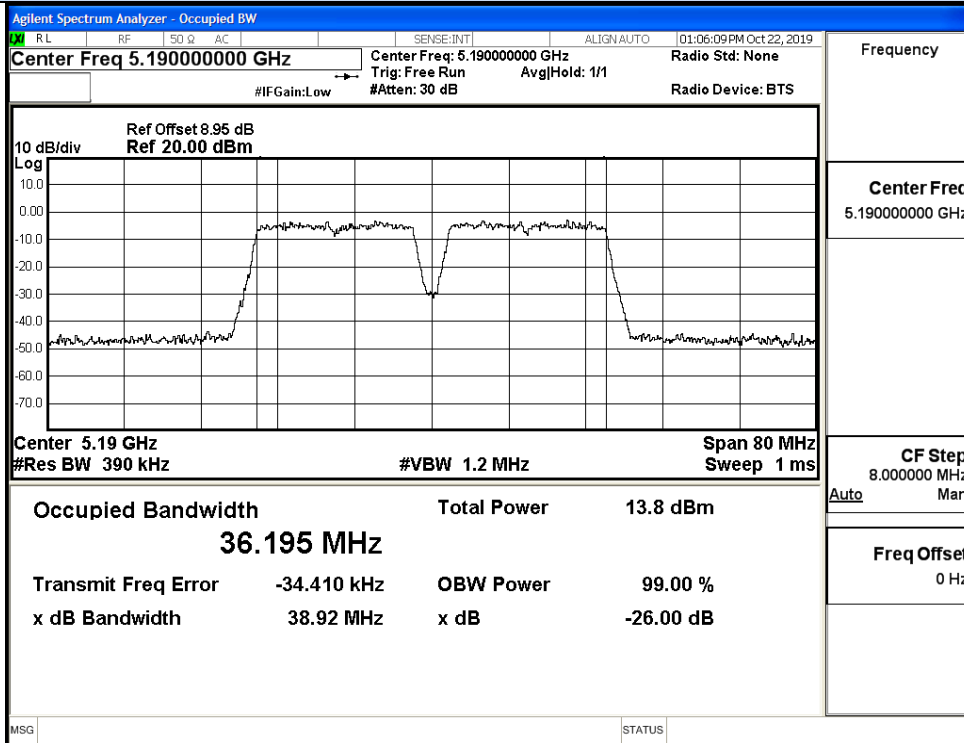
IEEE 802.11ac20 / Channel 36 / 5180MHz



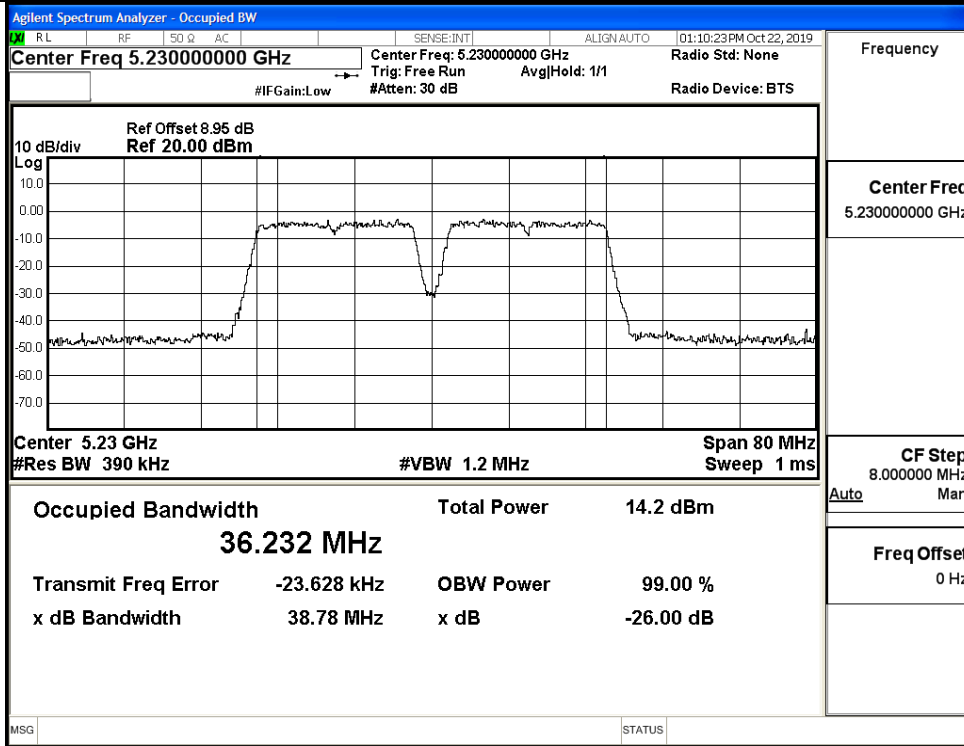
IEEE 802.11ac20 / Channel 40 / 5200MHz



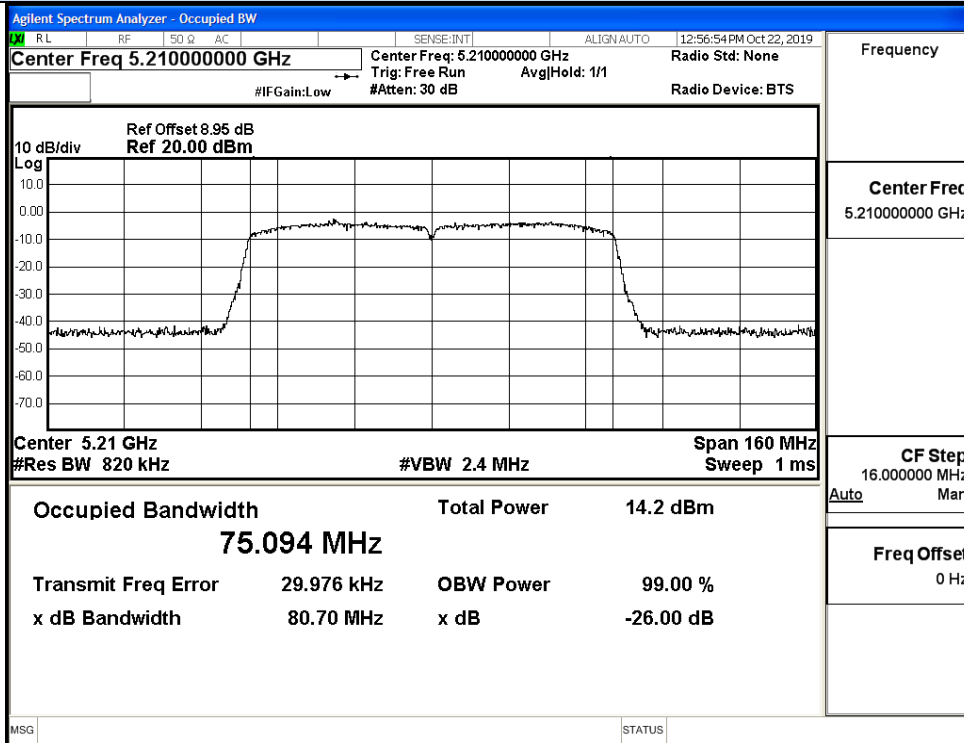
IEEE 802.11ac20 / Channel 48 / 5240MHz



IEEE 802.11ac40 / Channel 38 / 5190MHz



IEEE 802.11ac40 / Channel 46 / 5230MHz



IEEE 802.11ac80 / Channel 42 / 5210MHz

D.5 Undesirable Emissions Measurement

Ant 3

Test Mode	Channel	Frequency (MHz)	Conducted Power (dBm)	Antenna Gain (dBi)	Ground Reflection Factor (dB)	Covert Radiated E Level At 3m (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
11A	36	4500.0	-50.43	3.00	0	47.80	Peak	68.20	Pass
		4500.0	-61.10	3.00	0	37.13	Average	54.00	Pass
		5150.0	-46.35	3.00	0	51.88	Peak	68.20	Pass
		5150.0	-56.88	3.00	0	41.35	Average	54.00	Pass
	48	5350.0	-49.20	3.00	0	49.03	Peak	68.20	Pass
		5350.0	-59.21	3.00	0	39.02	Average	54.00	Pass
		5460.0	-50.18	3.00	0	48.05	Peak	68.20	Pass
		5460.0	-60.93	3.00	0	37.30	Average	54.00	Pass
11N20 SISO	36	4500.0	-51.55	3.00	0	46.68	Peak	68.20	Pass
		4500.0	-61.07	3.00	0	37.16	Average	54.00	Pass
		5150.0	-46.81	3.00	0	51.42	Peak	68.20	Pass
		5150.0	-56.89	3.00	0	41.34	Average	54.00	Pass
	48	5350.0	-48.76	3.00	0	49.47	Peak	68.20	Pass
		5350.0	-59.18	3.00	0	39.05	Average	54.00	Pass
		5460.0	-50.42	3.00	0	47.81	Peak	68.20	Pass
		5460.0	-60.92	3.00	0	37.31	Average	54.00	Pass
11N40 SISO	38	4500.0	-51.38	3.00	0	46.85	Peak	68.20	Pass
		4500.0	-61.11	3.00	0	37.12	Average	54.00	Pass
		5150.0	-44.12	3.00	0	54.11	Peak	68.20	Pass
		5150.0	-56.26	3.00	0	41.97	Average	54.00	Pass
	46	5350.0	-49.34	3.00	0	48.89	Peak	68.20	Pass
		5350.0	-59.36	3.00	0	38.87	Average	54.00	Pass
		5460.0	-49.16	3.00	0	49.07	Peak	68.20	Pass
		5460.0	-59.83	3.00	0	38.40	Average	54.00	Pass
11AC20 SISO	36	4500.0	-51.75	3.00	0	46.48	Peak	68.20	Pass
		4500.0	-61.05	3.00	0	37.18	Average	54.00	Pass
		5150.0	-47.14	3.00	0	51.09	Peak	68.20	Pass
		5150.0	-56.91	3.00	0	41.32	Average	54.00	Pass
	48	4500.0	-51.75	3.00	0	46.48	Peak	68.20	Pass
		4500.0	-61.05	3.00	0	37.18	Average	54.00	Pass
		5150.0	-47.14	3.00	0	51.09	Peak	68.20	Pass
		5150.0	-56.91	3.00	0	41.32	Average	54.00	Pass
11AC40 SISO	38	4500.0	-51.35	3.00	0	46.88	Peak	68.20	Pass
		4500.0	-61.10	3.00	0	37.13	Average	54.00	Pass
		5150.0	-43.81	3.00	0	54.42	Peak	68.20	Pass
		5150.0	-56.23	3.00	0	42.00	Average	54.00	Pass
	46	5350.0	-48.40	3.00	0	49.83	Peak	68.20	Pass
		5350.0	-59.41	3.00	0	38.82	Average	54.00	Pass
		5460.0	-49.82	3.00	0	48.41	Peak	68.20	Pass
		5460.0	-59.84	3.00	0	38.39	Average	54.00	Pass
11AC80 SISO	42	4500.0	-49.01	3.00	0	49.22	Peak	68.20	Pass
		5150.0	-58.28	3.00	0	39.95	Average	54.00	Pass
		4500.0	-48.63	3.00	0	49.60	Peak	68.20	Pass
		5150.0	-59.03	3.00	0	39.20	Average	54.00	Pass
		5350.0	-49.01	3.00	0	49.22	Peak	68.20	Pass
		5460.0	-58.28	3.00	0	39.95	Average	54.00	Pass
		5350.0	-48.63	3.00	0	49.60	Peak	68.20	Pass
		5460.0	-59.03	3.00	0	39.20	Average	54.00	Pass

ANT_4

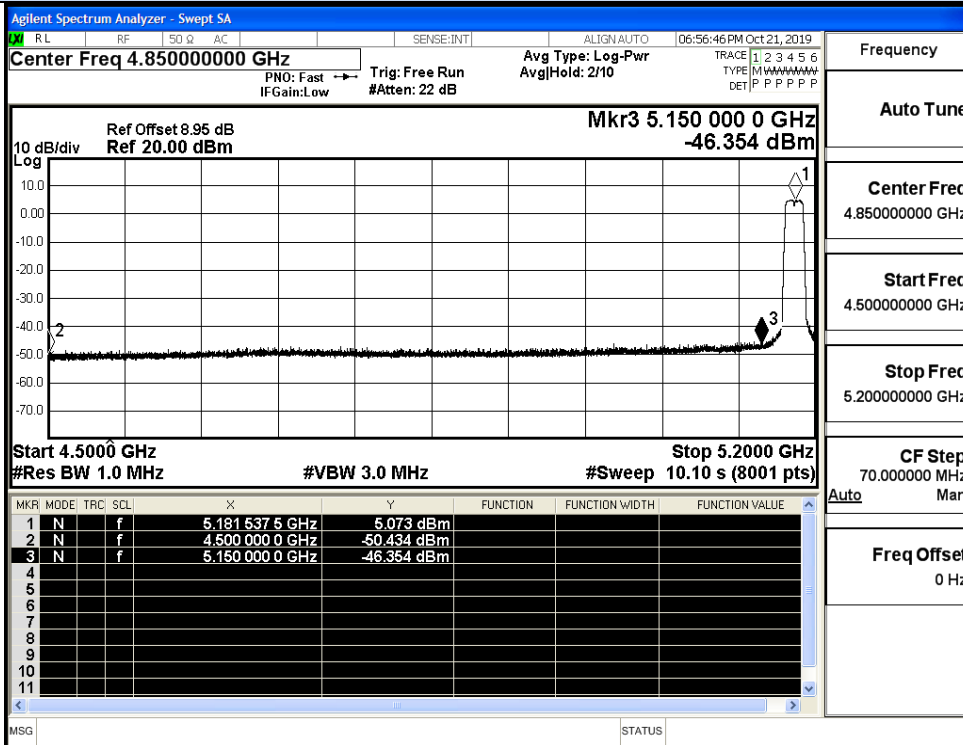
Test Mode	Channel	Frequency (MHz)	Conducted Power (dBm)	Antenna Gain (dBi)	Ground Reflection Factor (dB)	Covert Radiated E Level At 3m (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
11A	36	4500.0	-51.22	3.00	0	47.01	Peak	68.20	Pass
		4500.0	-61.16	3.00	0	37.07	Average	54.00	Pass
		5150.0	-47.66	3.00	0	50.57	Peak	68.20	Pass
		5150.0	-56.95	3.00	0	41.28	Average	54.00	Pass
	48	5350.0	-49.48	3.00	0	48.75	Peak	68.20	Pass
		5350.0	-59.22	3.00	0	39.01	Average	54.00	Pass
		5460.0	-50.36	3.00	0	47.87	Peak	68.20	Pass
		5460.0	-60.99	3.00	0	37.24	Average	54.00	Pass
11N20 SISO	36	4500.0	-50.68	3.00	0	47.55	Peak	68.20	Pass
		4500.0	-61.14	3.00	0	37.09	Average	54.00	Pass
		5150.0	-46.80	3.00	0	51.43	Peak	68.20	Pass
		5150.0	-56.97	3.00	0	41.26	Average	54.00	Pass
	48	5350.0	-48.70	3.00	0	49.53	Peak	68.20	Pass
		5350.0	-59.28	3.00	0	38.95	Average	54.00	Pass
		5460.0	-49.60	3.00	0	48.63	Peak	68.20	Pass
		5460.0	-60.95	3.00	0	37.28	Average	54.00	Pass
11N40 SISO	38	4500.0	-51.32	3.00	0	46.91	Peak	68.20	Pass
		4500.0	-61.10	3.00	0	37.13	Average	54.00	Pass
		5150.0	-35.79	3.00	0	62.44	Peak	68.20	Pass
		5150.0	-55.13	3.00	0	43.10	Average	54.00	Pass
	46	5350.0	-48.27	3.00	0	49.96	Peak	68.20	Pass
		5350.0	-58.74	3.00	0	39.49	Average	54.00	Pass
		5460.0	-48.34	3.00	0	49.89	Peak	68.20	Pass
		5460.0	-59.30	3.00	0	38.93	Average	54.00	Pass
11AC20 SISO	36	4500.0	-50.65	3.00	0	47.58	Peak	68.20	Pass
		4500.0	-61.17	3.00	0	37.06	Average	54.00	Pass
		5150.0	-47.60	3.00	0	50.63	Peak	68.20	Pass
		5150.0	-56.99	3.00	0	41.24	Average	54.00	Pass
	48	4500.0	-50.65	3.00	0	47.58	Peak	68.20	Pass
		4500.0	-61.17	3.00	0	37.06	Average	54.00	Pass
		5150.0	-47.60	3.00	0	50.63	Peak	68.20	Pass
		5150.0	-56.99	3.00	0	41.24	Average	54.00	Pass
11AC40 SISO	38	4500.0	-50.22	3.00	0	48.01	Peak	68.20	Pass
		4500.0	-61.12	3.00	0	37.11	Average	54.00	Pass
		5150.0	-36.68	3.00	0	61.55	Peak	68.20	Pass
		5150.0	-55.17	3.00	0	43.06	Average	54.00	Pass
	46	5350.0	-48.02	3.00	0	50.21	Peak	68.20	Pass
		5350.0	-58.73	3.00	0	39.50	Average	54.00	Pass
		5460.0	-48.93	3.00	0	49.30	Peak	68.20	Pass
		5460.0	-59.29	3.00	0	38.94	Average	54.00	Pass
11AC80 SISO	42	4500.0	-49.25	3.00	0	48.98	Peak	68.20	Pass
		5150.0	-58.27	3.00	0	39.96	Average	54.00	Pass
		4500.0	-49.78	3.00	0	48.45	Peak	68.20	Pass
		5150.0	-59.07	3.00	0	39.16	Average	54.00	Pass
		5350.0	-49.25	3.00	0	48.98	Peak	68.20	Pass
		5460.0	-58.27	3.00	0	39.96	Average	54.00	Pass
		5350.0	-49.78	3.00	0	48.45	Peak	68.20	Pass
		5460.0	-59.07	3.00	0	39.16	Average	54.00	Pass

Combined Ant_3 and Ant_4

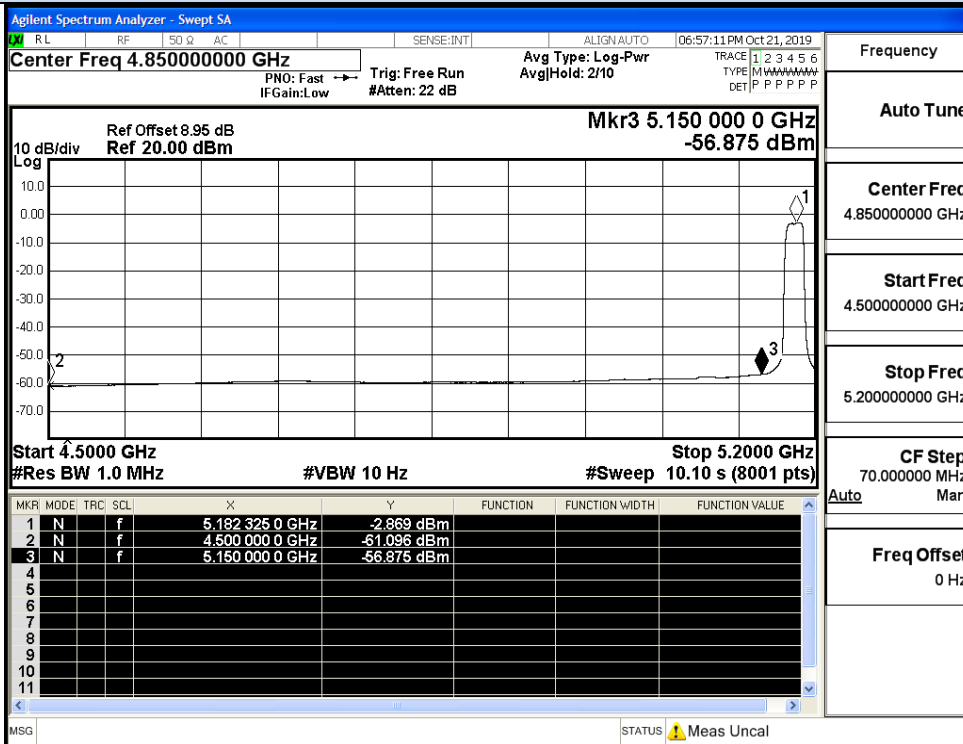
Test Mode	Channel	Frequency (MHz)	Conducted Power (dBm)			Directional Antenna Gain (dBi)	Ground Reflection Factor (dB)	Covert Radiated E Level At 3m (dBuV/m)	Detector	Limit (dBuV/m)
			Ant_3	Ant_4	Sum					
11N20	36	4500.0	-51.55	-50.68	-48.08	6.01	0	53.16	Peak	68.20
		4500.0	-61.07	-61.14	-58.09	6.01	0	43.15	Average	54.00
		5150.0	-46.81	-46.80	-43.79	6.01	0	57.45	Peak	68.20
		5150.0	-56.89	-56.97	-53.92	6.01	0	47.32	Average	54.00
	48	5350.0	-48.76	-48.70	-45.72	6.01	0	55.52	Peak	68.20
		5350.0	-59.18	-59.28	-56.22	6.01	0	45.02	Average	54.00
		5460.0	-50.42	-49.60	-46.98	6.01	0	54.26	Peak	68.20
		5460.0	-60.92	-60.95	-57.92	6.01	0	43.32	Average	54.00
11N40	38	4500.0	-51.38	-51.32	-48.34	6.01	0	52.90	Peak	68.20
		4500.0	-61.11	-61.10	-58.09	6.01	0	43.15	Average	54.00
		5150.0	-44.12	-35.79	-35.19	6.01	0	66.05	Peak	68.20
		5150.0	-56.26	-55.13	-52.65	6.01	0	48.59	Average	54.00
	46	5350.0	-49.34	-48.27	-45.76	6.01	0	55.48	Peak	68.20
		5350.0	-59.36	-58.74	-56.03	6.01	0	45.21	Average	54.00
		5460.0	-49.16	-48.34	-45.72	6.01	0	55.52	Peak	68.20
		5460.0	-59.83	-59.30	-56.55	6.01	0	44.69	Average	54.00
11AC20	36	4500.0	-51.75	-50.65	-48.15	6.01	0	53.09	Peak	68.20
		4500.0	-61.05	-61.17	-58.10	6.01	0	43.14	Average	54.00
		5150.0	-47.14	-47.60	-44.35	6.01	0	56.89	Peak	68.20
		5150.0	-56.91	-56.99	-53.94	6.01	0	47.30	Average	54.00
	48	4500.0	-51.75	-50.65	-48.15	6.01	0	53.09	Peak	68.20
		4500.0	-61.05	-61.17	-58.10	6.01	0	43.14	Average	54.00
		5150.0	-47.14	-47.60	-44.35	6.01	0	56.89	Peak	68.20
		5150.0	-56.91	-56.99	-53.94	6.01	0	47.30	Average	54.00
11AC40	38	4500.0	-51.35	-50.22	-47.74	6.01	0	53.50	Peak	68.20
		4500.0	-61.10	-61.12	-58.10	6.01	0	43.14	Average	54.00
		5150.0	-43.81	-36.68	-35.91	6.01	0	65.33	Peak	68.20
		5150.0	-56.23	-55.17	-52.66	6.01	0	48.58	Average	54.00
	46	5350.0	-48.40	-48.02	-45.20	6.01	0	56.04	Peak	68.20
		5350.0	-59.41	-58.73	-56.05	6.01	0	45.19	Average	54.00
		5460.0	-49.82	-48.93	-46.34	6.01	0	54.90	Peak	68.20
		5460.0	-59.84	-59.29	-56.55	6.01	0	44.69	Average	54.00
11AC80	42	4500.0	-49.01	-49.25	-46.12	6.01	0	55.12	Peak	68.20
		5150.0	-58.28	-58.27	-55.26	6.01	0	45.98	Average	54.00
		4500.0	-48.63	-49.78	-46.16	6.01	0	55.08	Peak	68.20

		5150.0	-59.03	-59.07	-56.04	6.01	0	45.20	Average	54.00
		5350.0	-49.01	-49.25	-46.12	6.01	0	55.12	Peak	68.20
		5460.0	-58.28	-58.27	-55.26	6.01	0	45.98	Average	54.00
		5350.0	-48.63	-49.78	-46.16	6.01	0	55.08	Peak	68.20
		5460.0	-59.03	-59.07	-56.04	6.01	0	45.20	Average	54.00

Undesirable Emissions Measurement_Ant_3

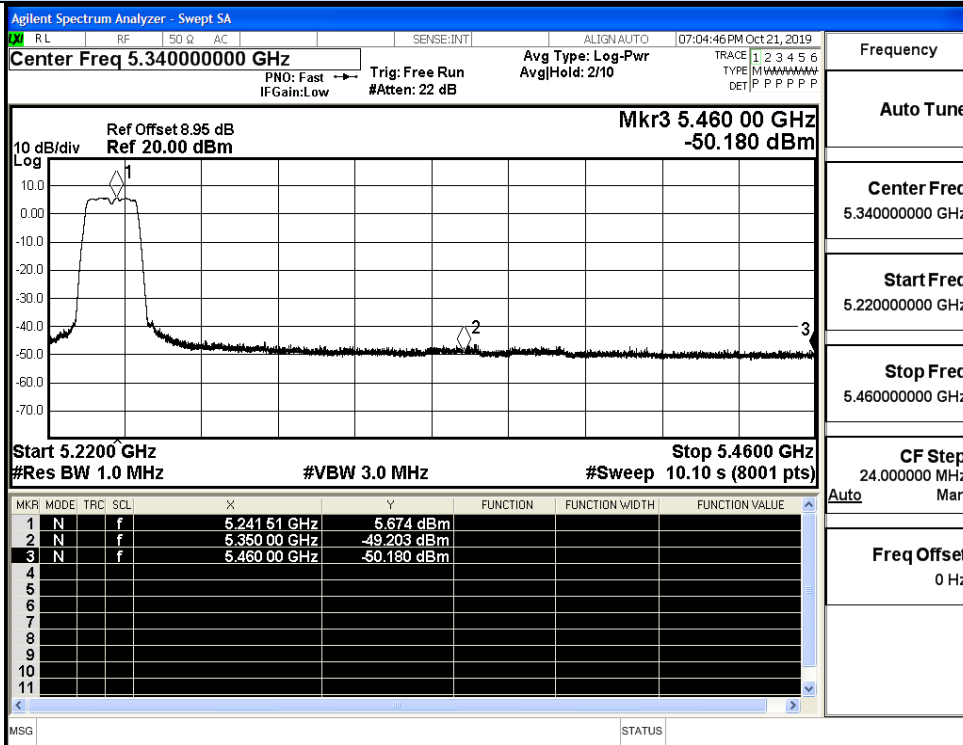


IEEE 802.11a / Channel 36 / 5180MHz / Peak

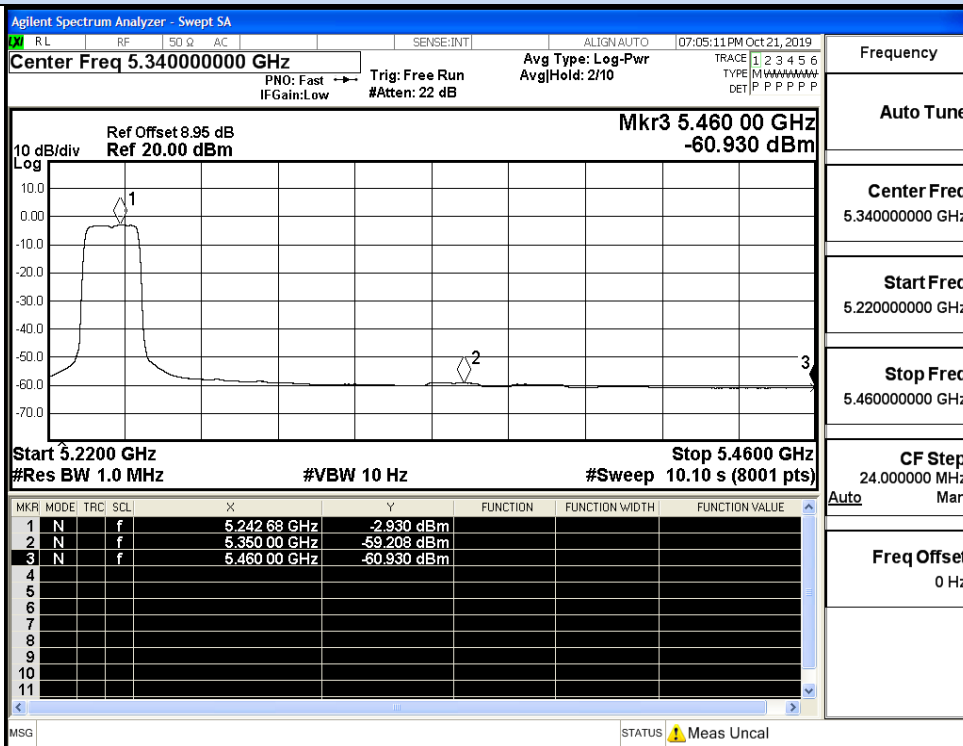


IEEE 802.11a / Channel 36 / 5180MHz / Average

Undesirable Emissions Measurement

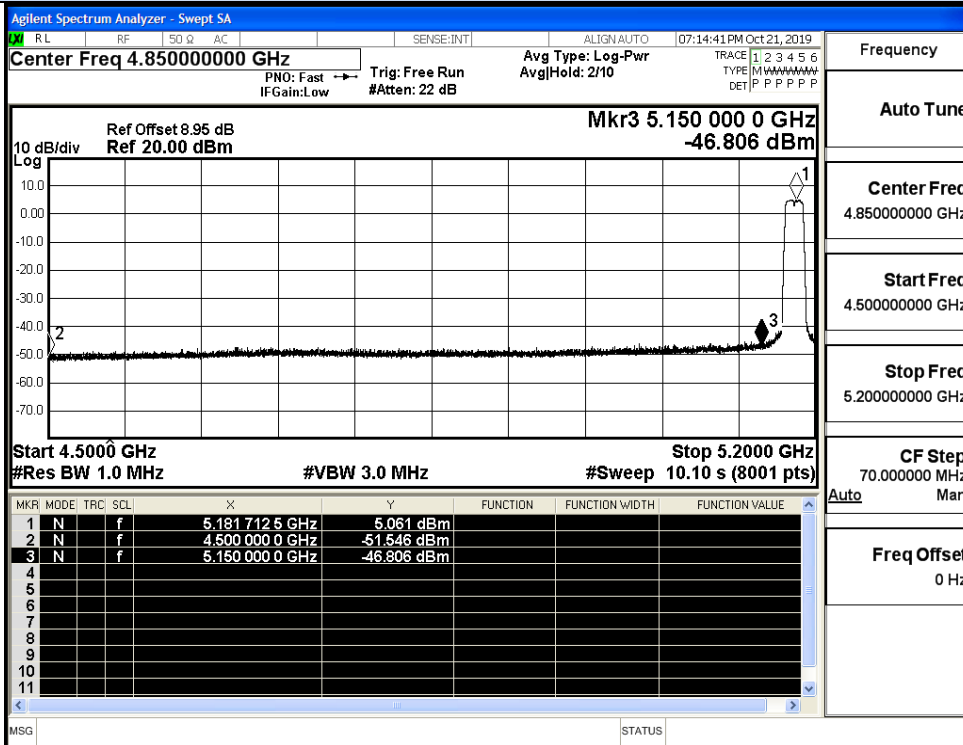


IEEE 802.11a / Channel 48 / 5240MHz / Peak

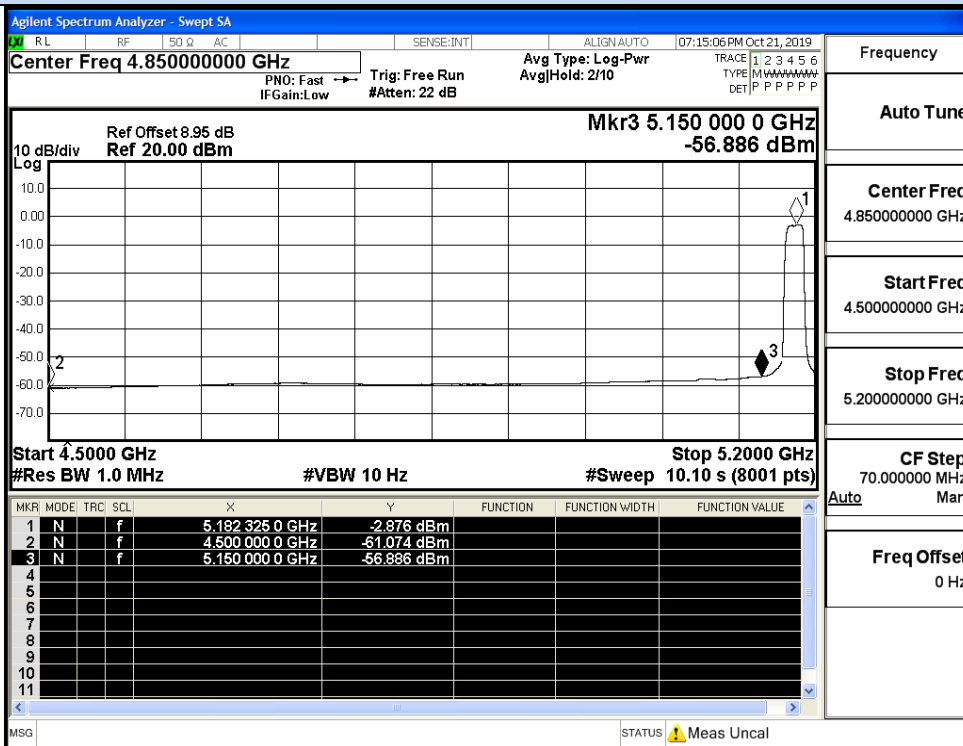


IEEE 802.11a / Channel 48 / 5240MHz / Average

Undesirable Emissions Measurement

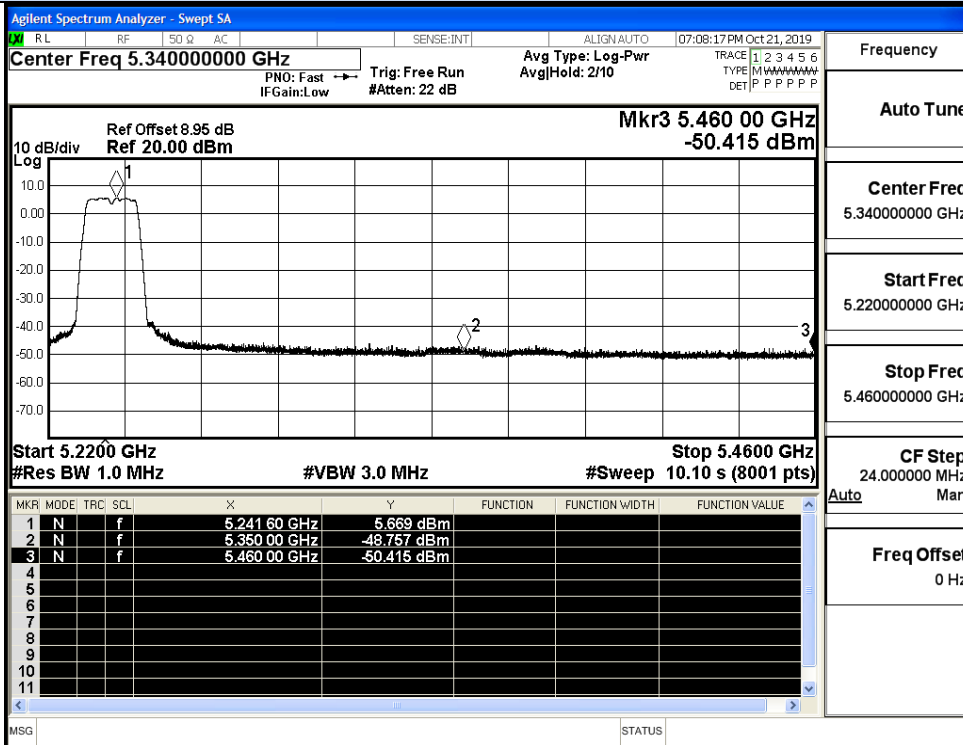


IEEE 802.11n20 / Channel 36 / 5180MHz / Peak

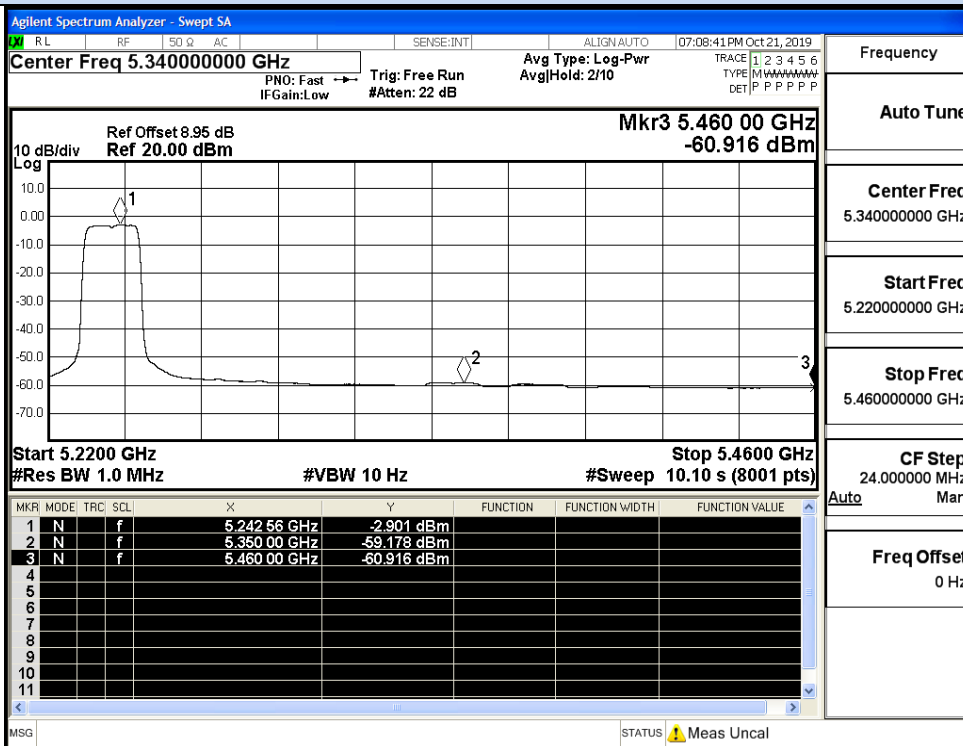


IEEE 802.11n20 / Channel 36 / 5180MHz / Average

Undesirable Emissions Measurement

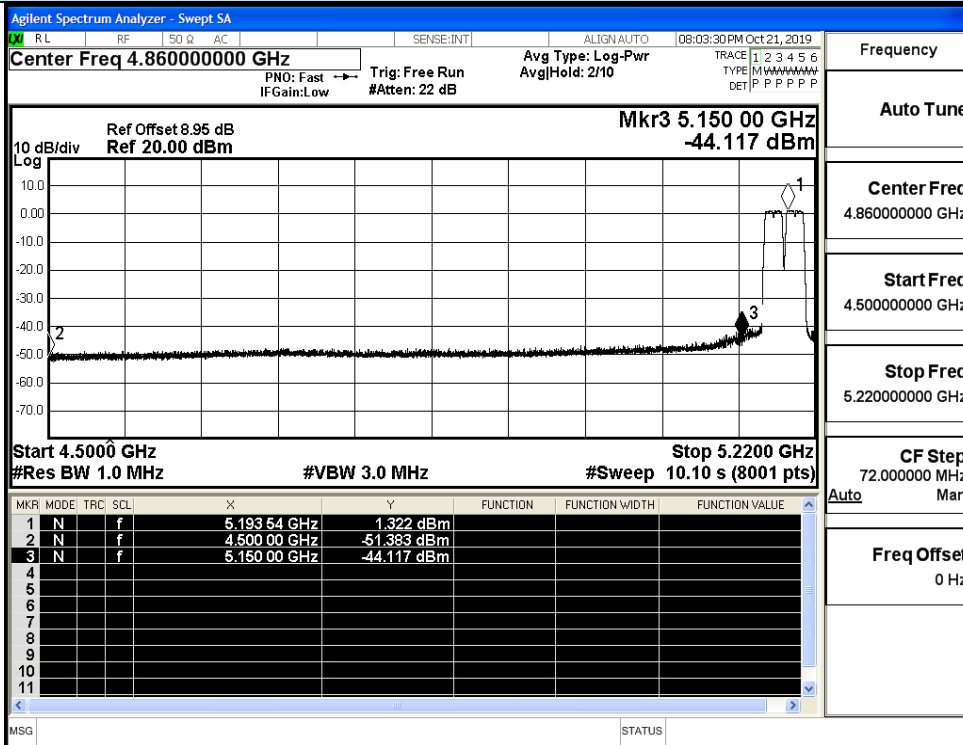


IEEE 802.11n20 / Channel 48 / 5240MHz / Peak

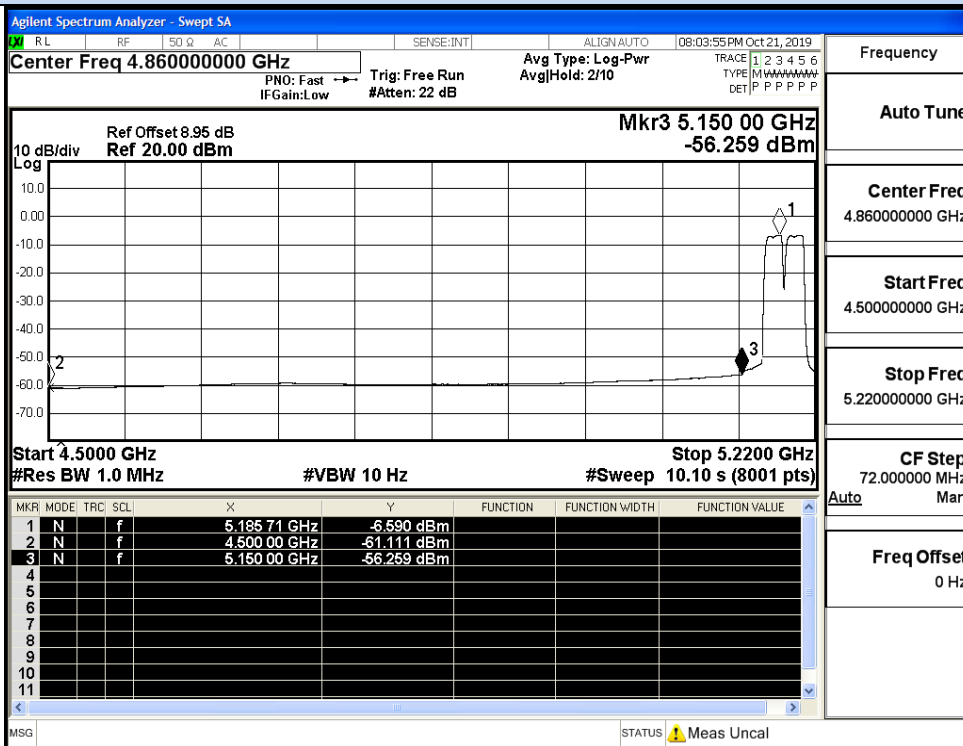


IEEE 802.11n20 / Channel 48 / 5240MHz / Average

Undesirable Emissions Measurement

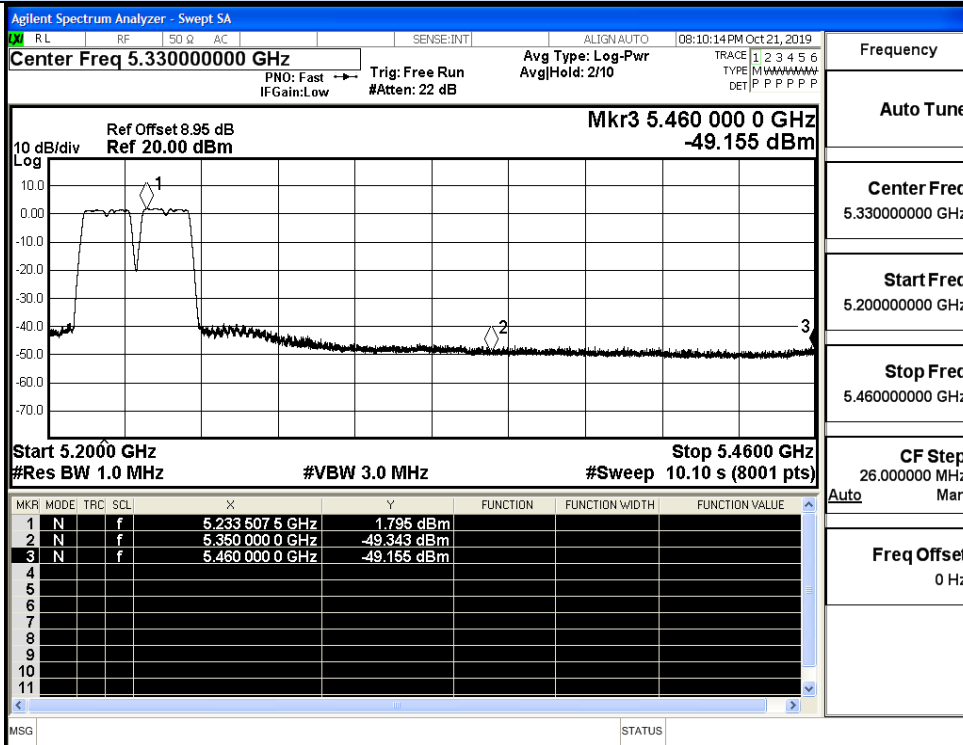


IEEE 802.11n40 / Channel 38 / 5190MHz / Peak

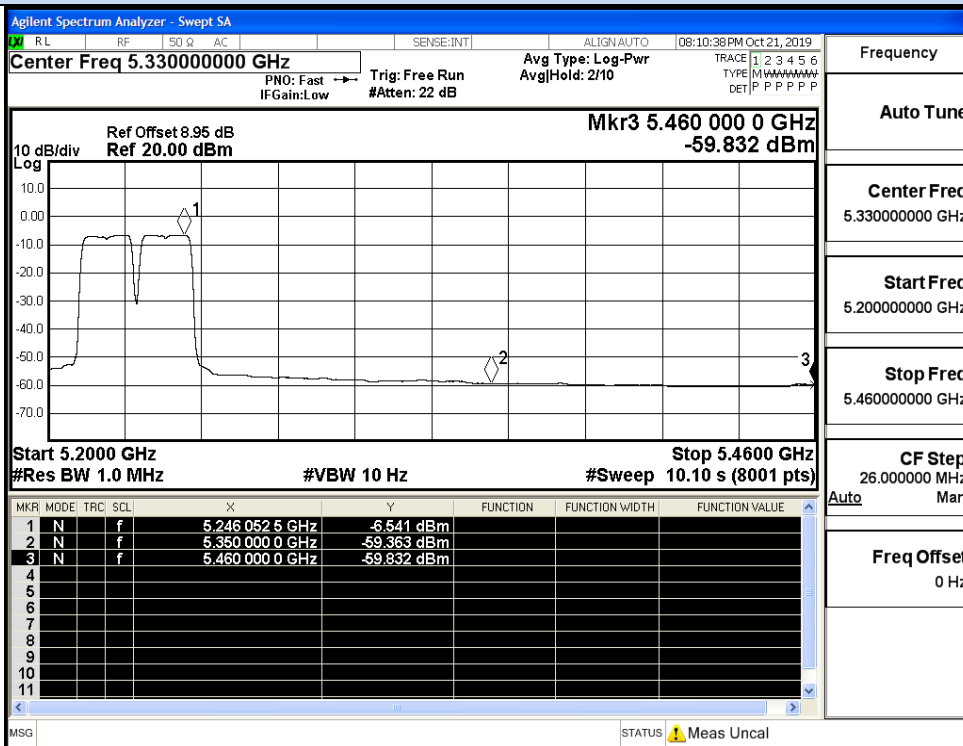


IEEE 802.11n40 / Channel 38 / 5190MHz / Average

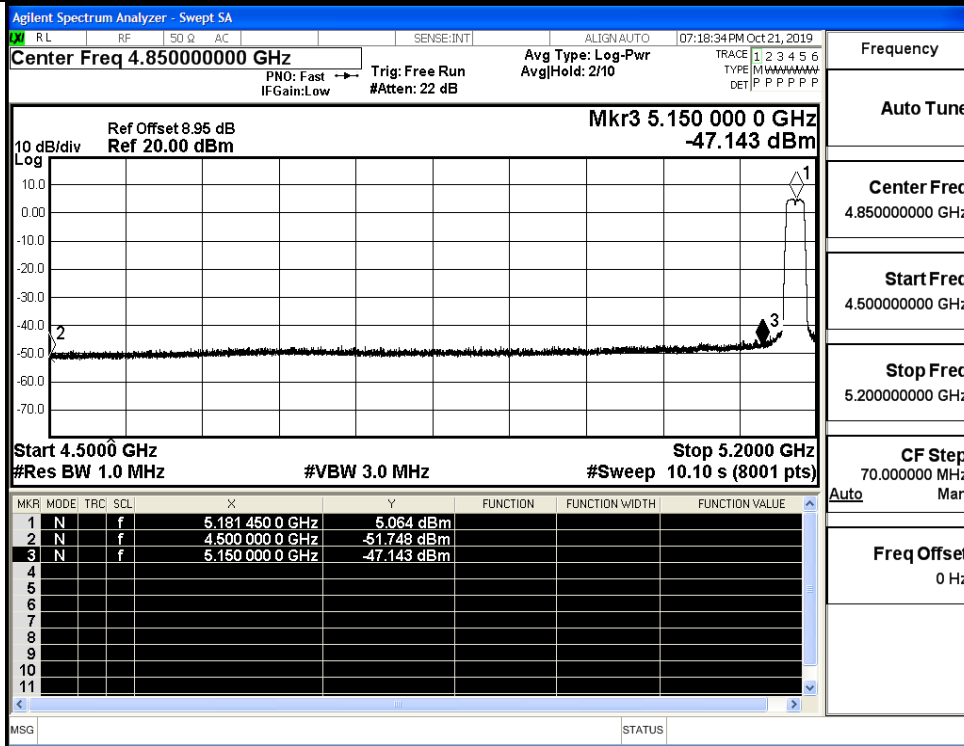
Undesirable Emissions Measurement



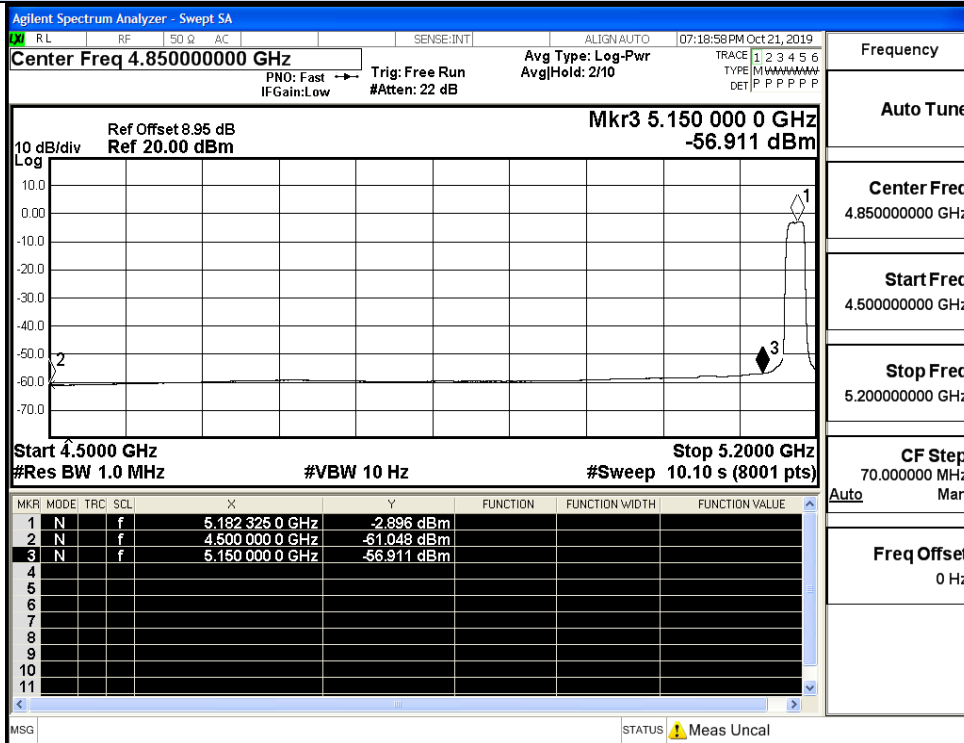
IEEE 802.11n40 / Channel 46 / 5230MHz / Peak



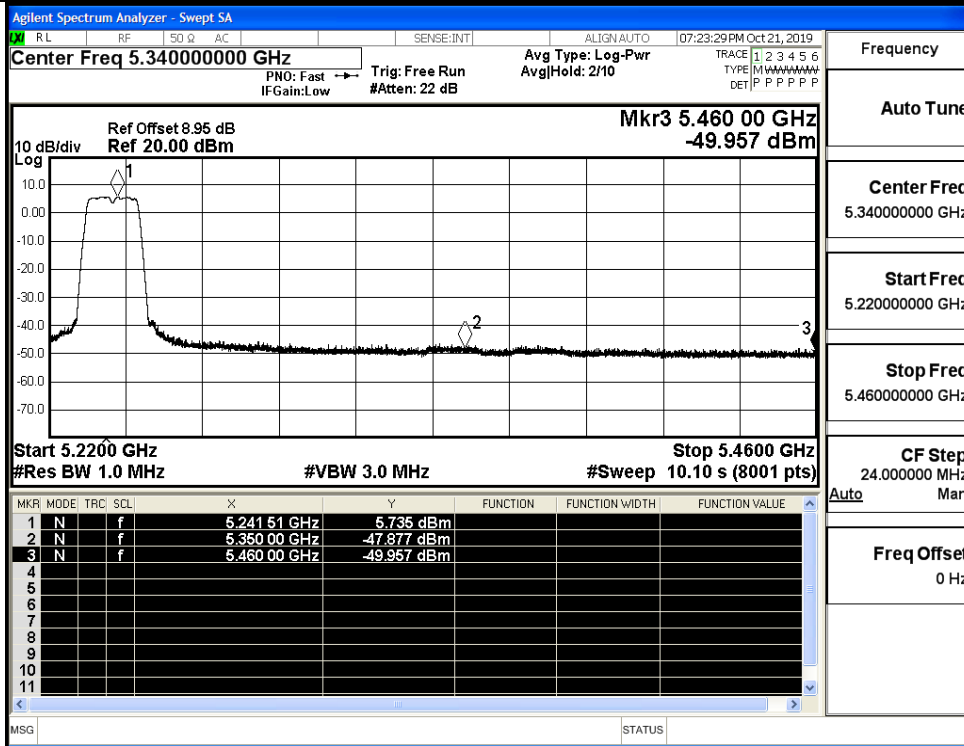
IEEE 802.11n40 / Channel 46 / 5230MHz / Average



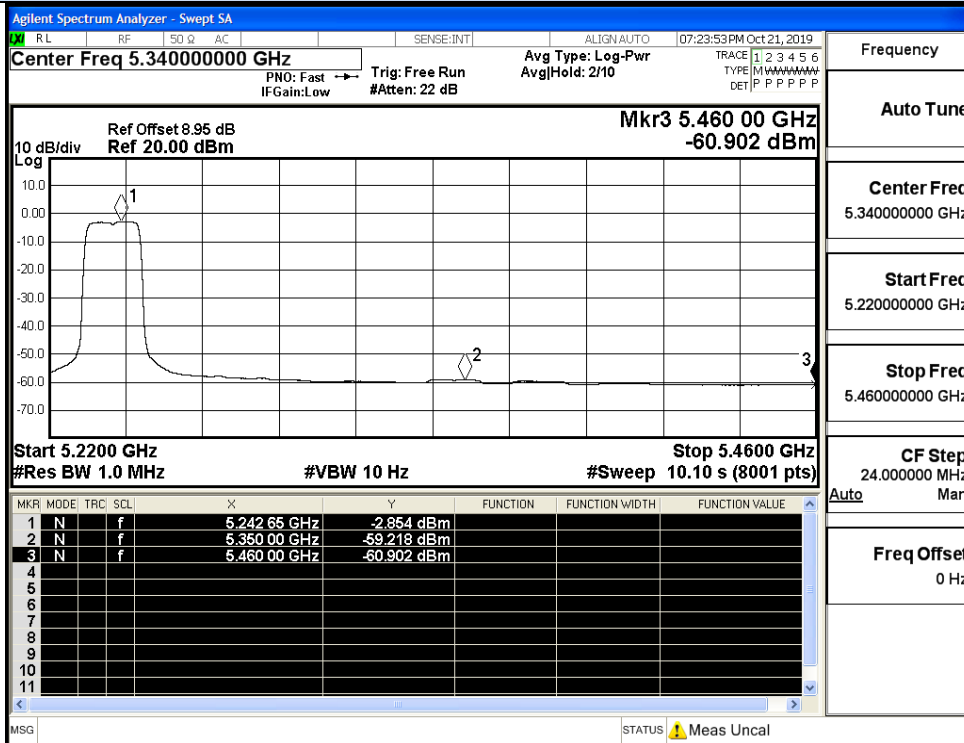
IEEE 802.11ac20 / Channel 36 / 5180MHz / Peak



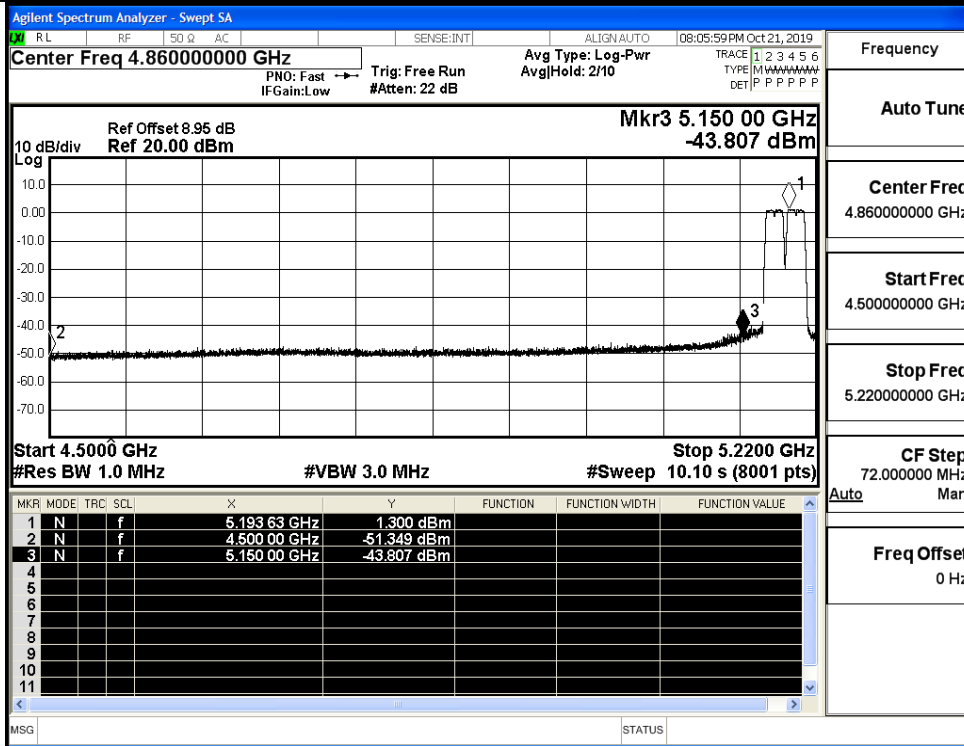
IEEE 802.11ac20 / Channel 36 / 5180MHz / Average



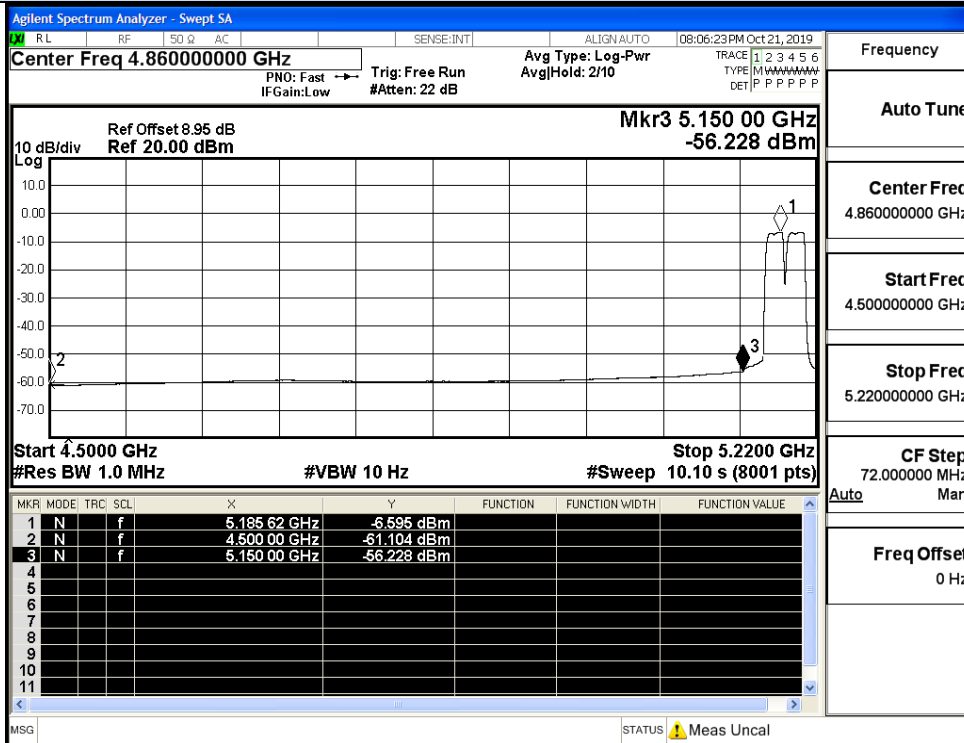
IEEE 802.11ac20 / Channel 48 / 5240MHz / Peak



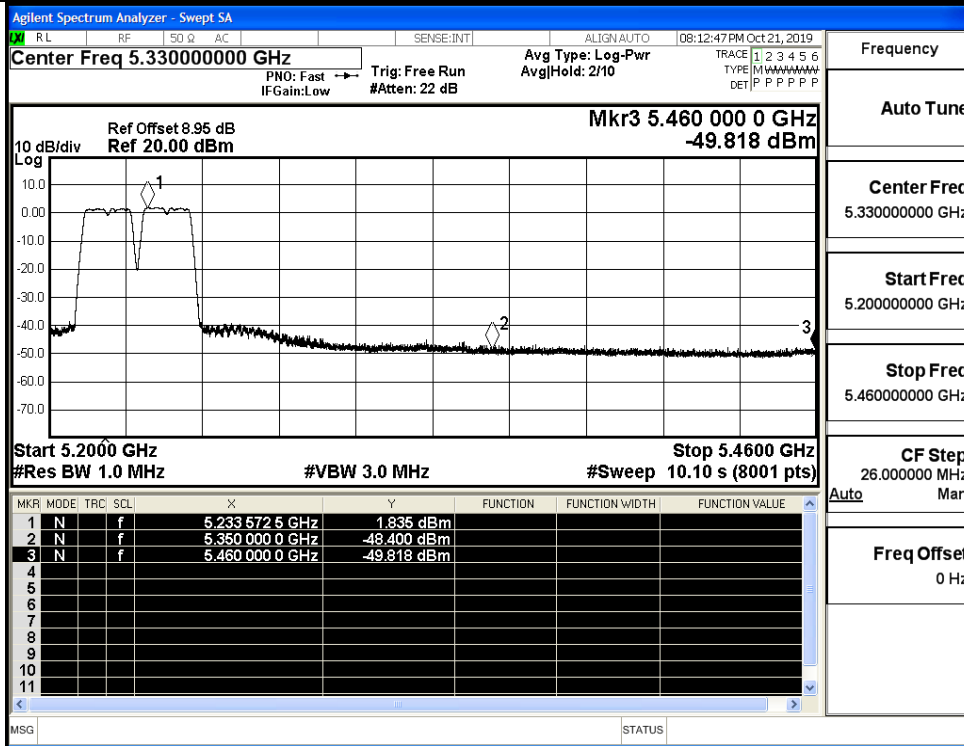
IEEE 802.11ac20 / Channel 48 / 5240MHz / Average



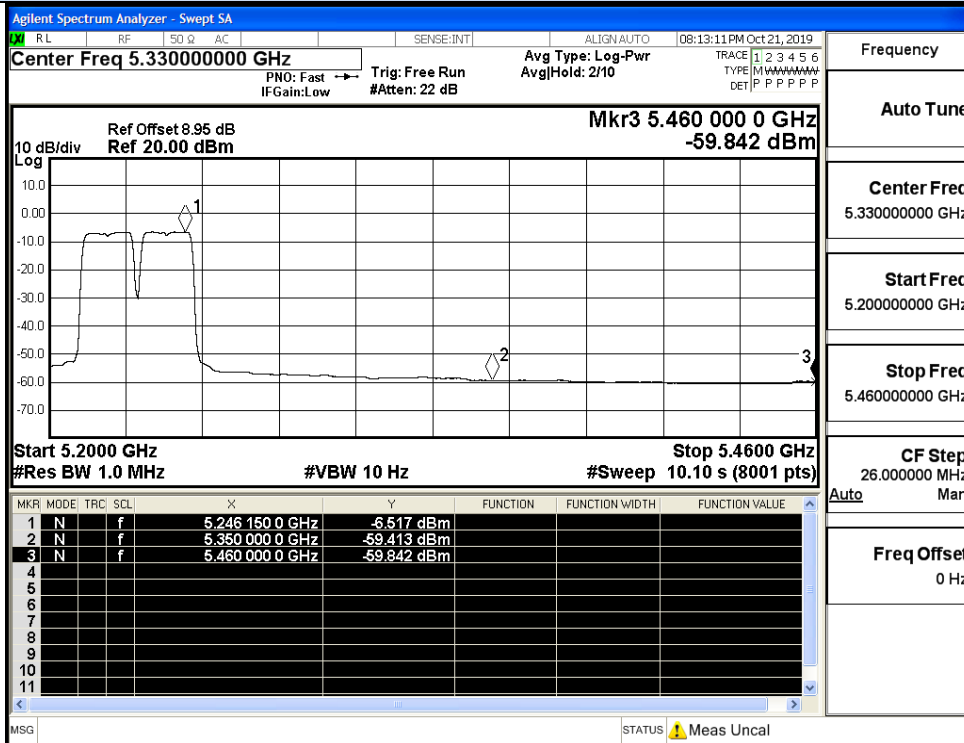
IEEE 802.11ac40 / Channel 38/ 5190MHz / Peak



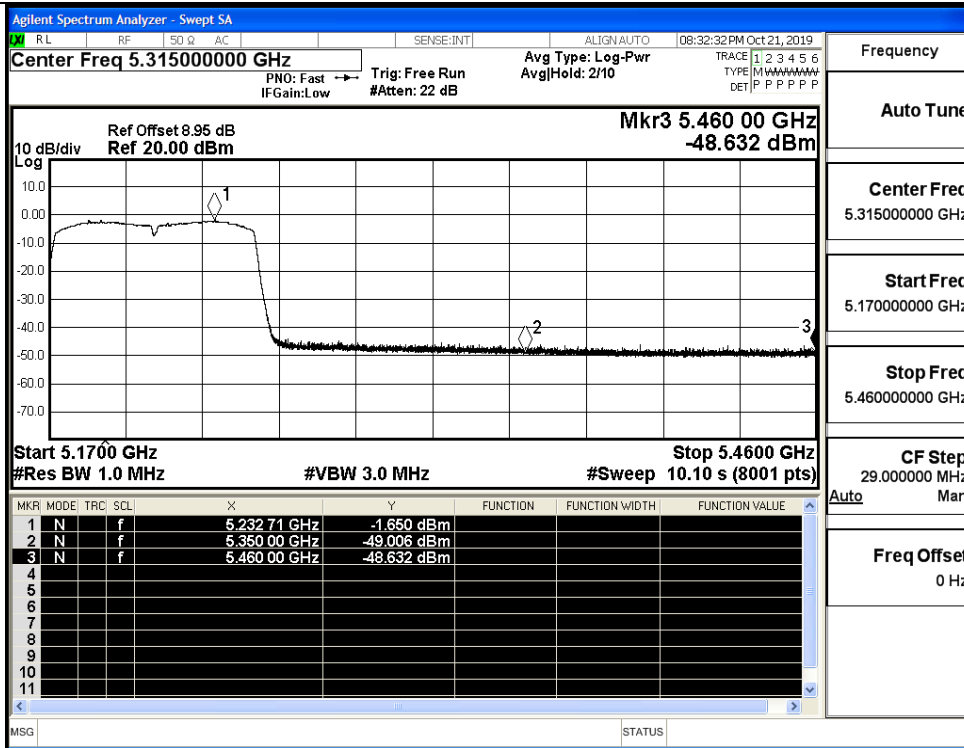
IEEE 802.11ac40 / Channel 38 / 5190MHz / Average



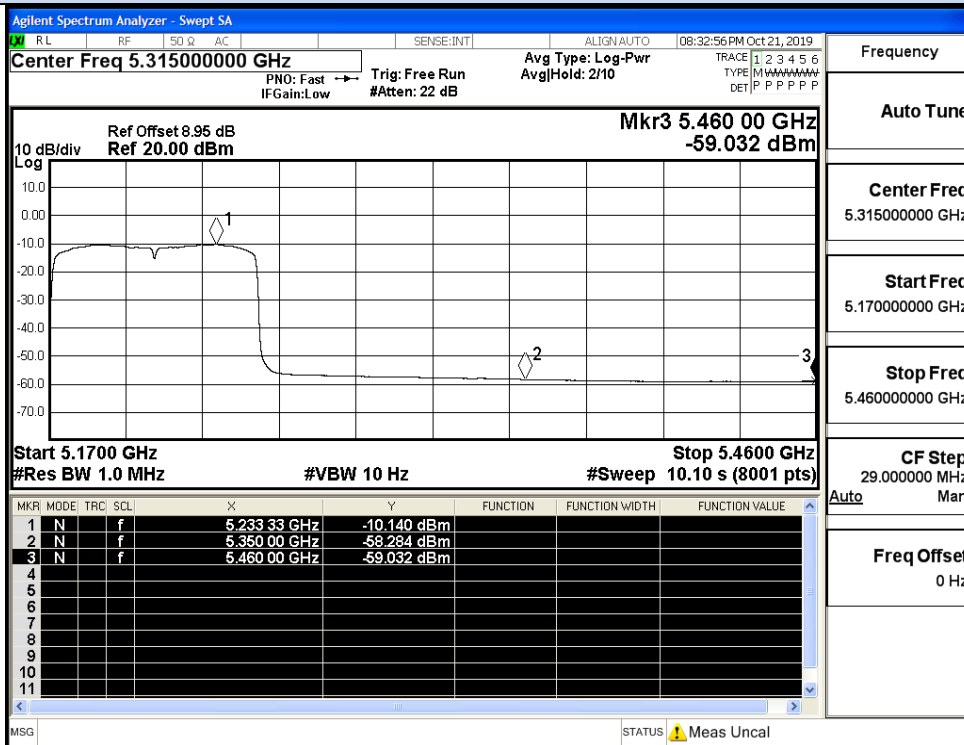
IEEE 802.11ac40 / Channel 46/ 5230MHz / Peak



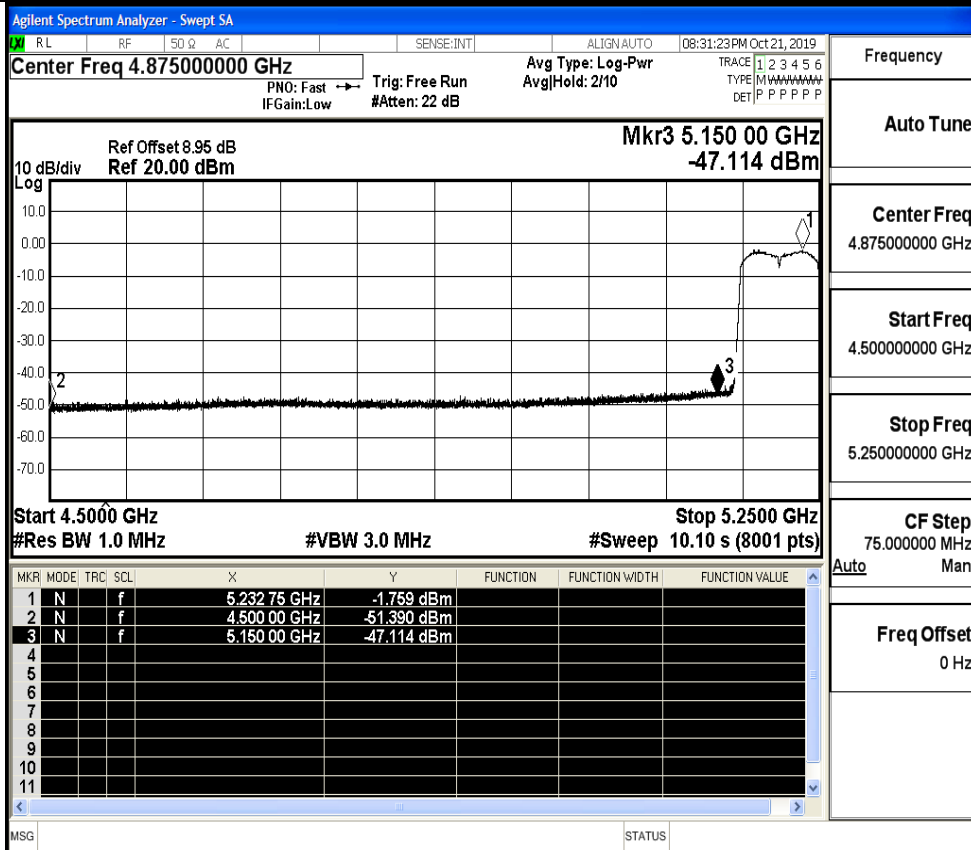
IEEE 802.11ac40 / Channel 46 / 5230MHz / Average



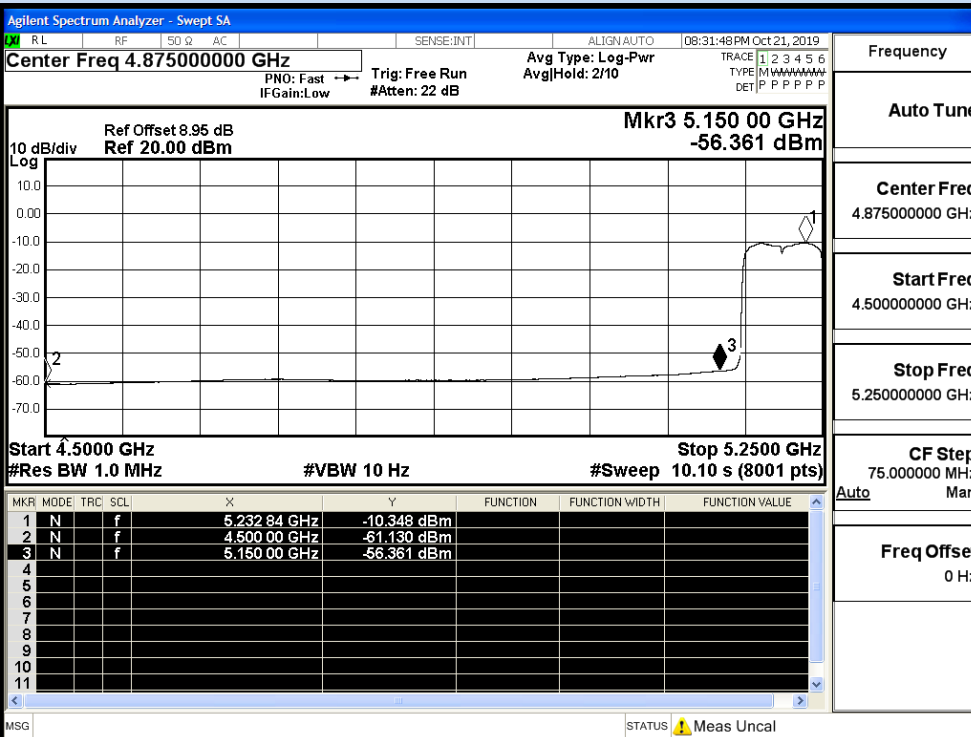
IEEE 802.11ac80 / Channel 42 / 5210MHz / Peak



IEEE 802.11ac80 / Channel 42 / 5210MHz / Average

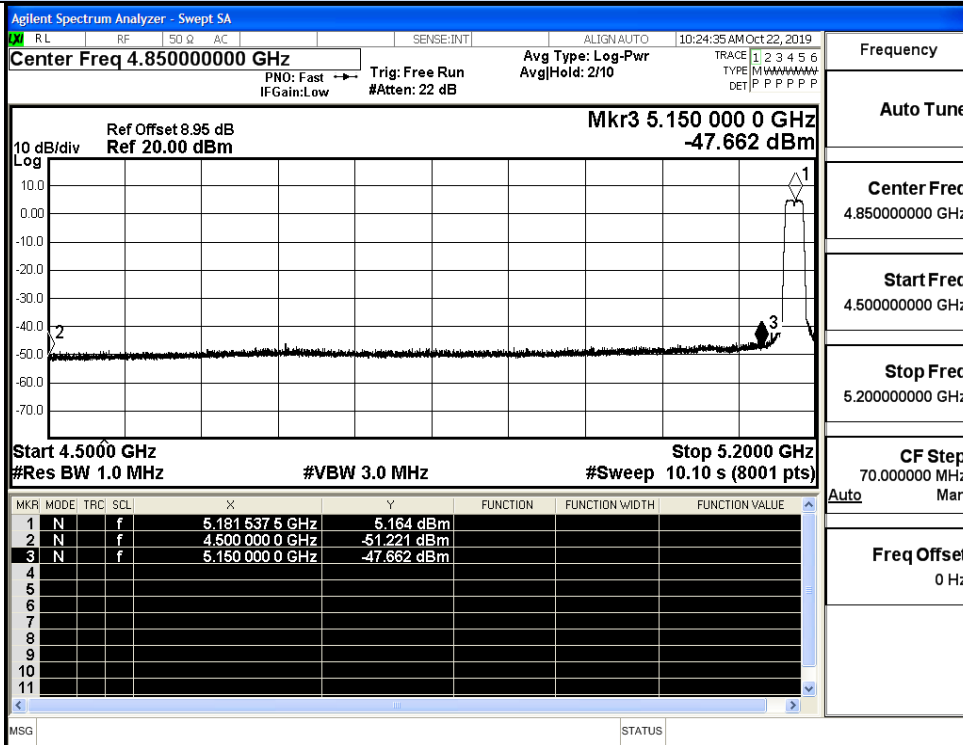


IEEE 802.11ac80 / Channel 42/ 5210MHz / Peak

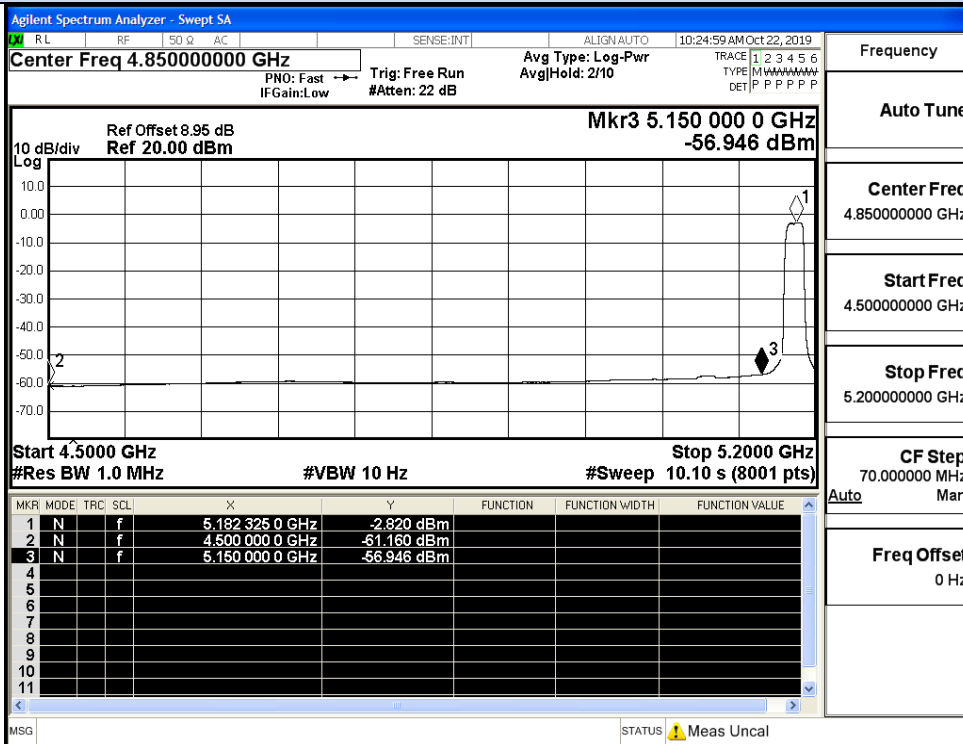


IEEE 802.11ac80 / Channel 42 / 5210MHz / Average

Undesirable Emissions Measurement_ANT_4

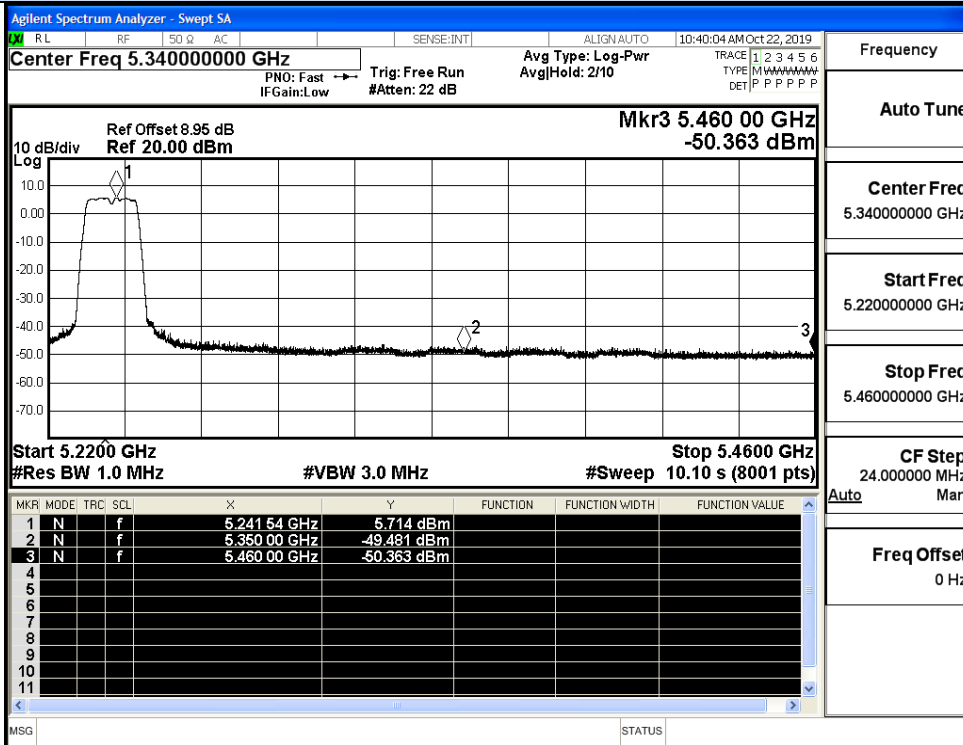


IEEE 802.11a / Channel 36 / 5180MHz / Peak

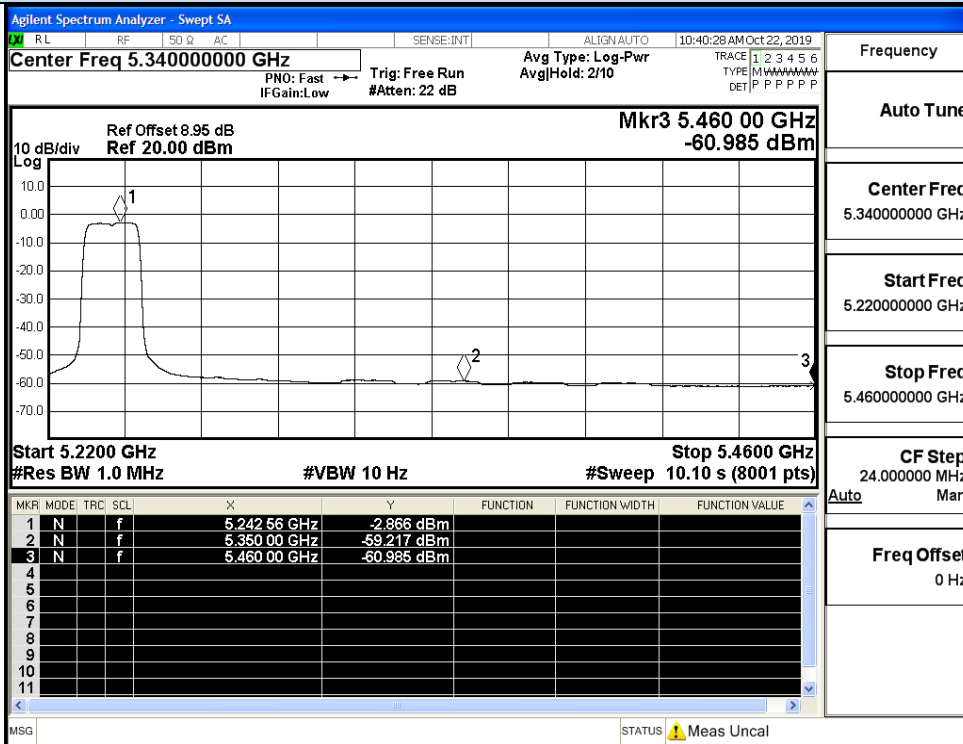


IEEE 802.11a / Channel 36 / 5180MHz / Average

Undesirable Emissions Measurement

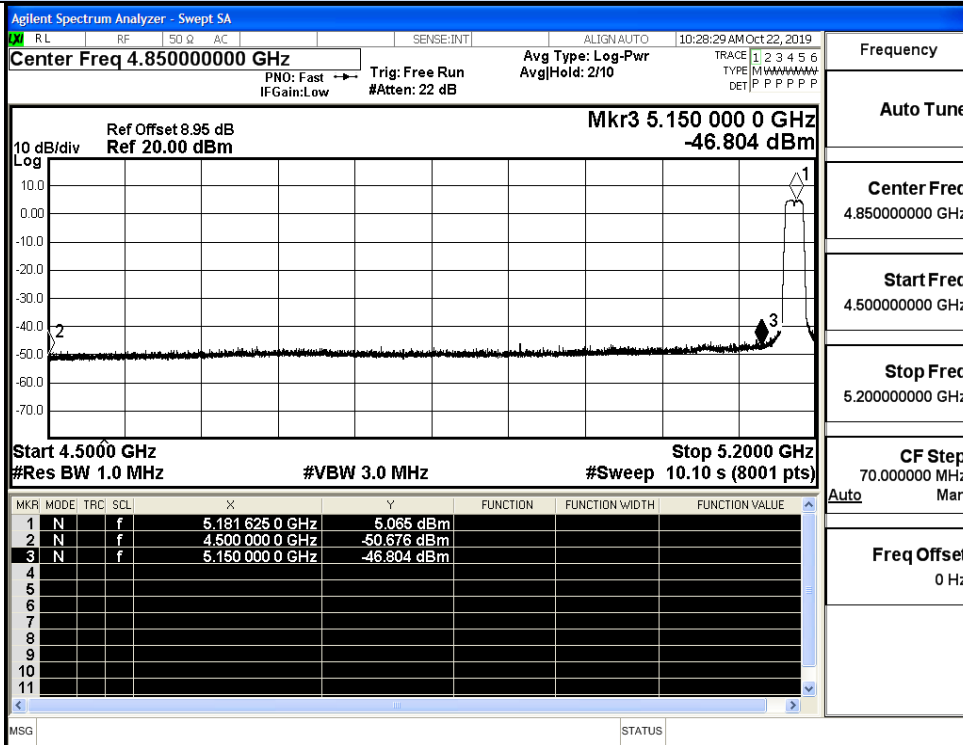


IEEE 802.11a / Channel 48 / 5240MHz / Peak

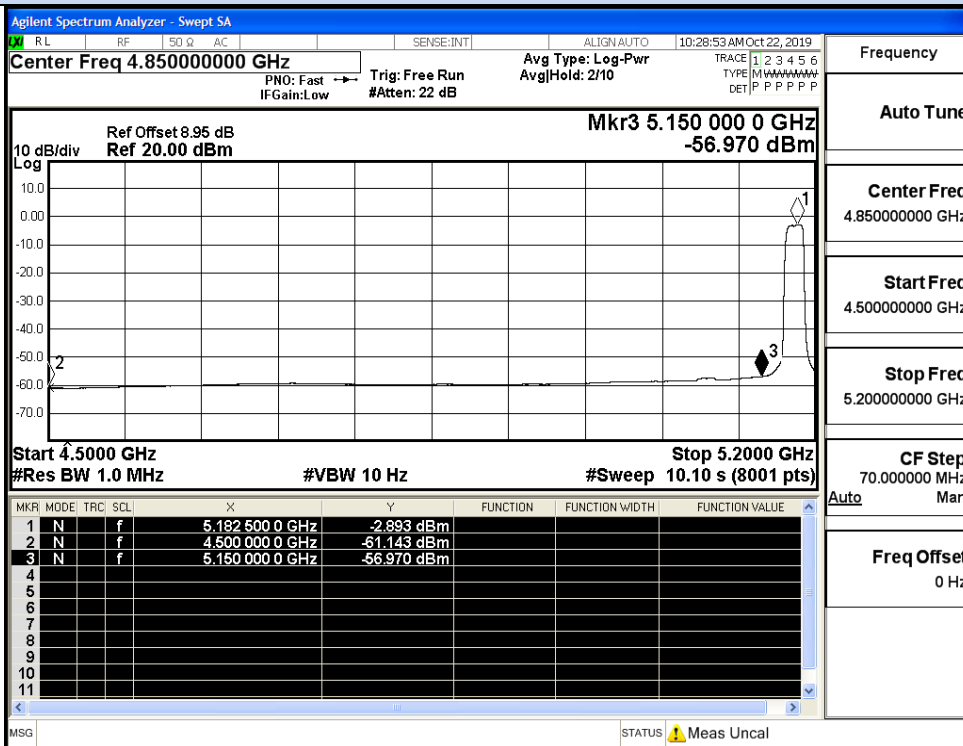


IEEE 802.11a / Channel 48 / 5240MHz / Average

Undesirable Emissions Measurement

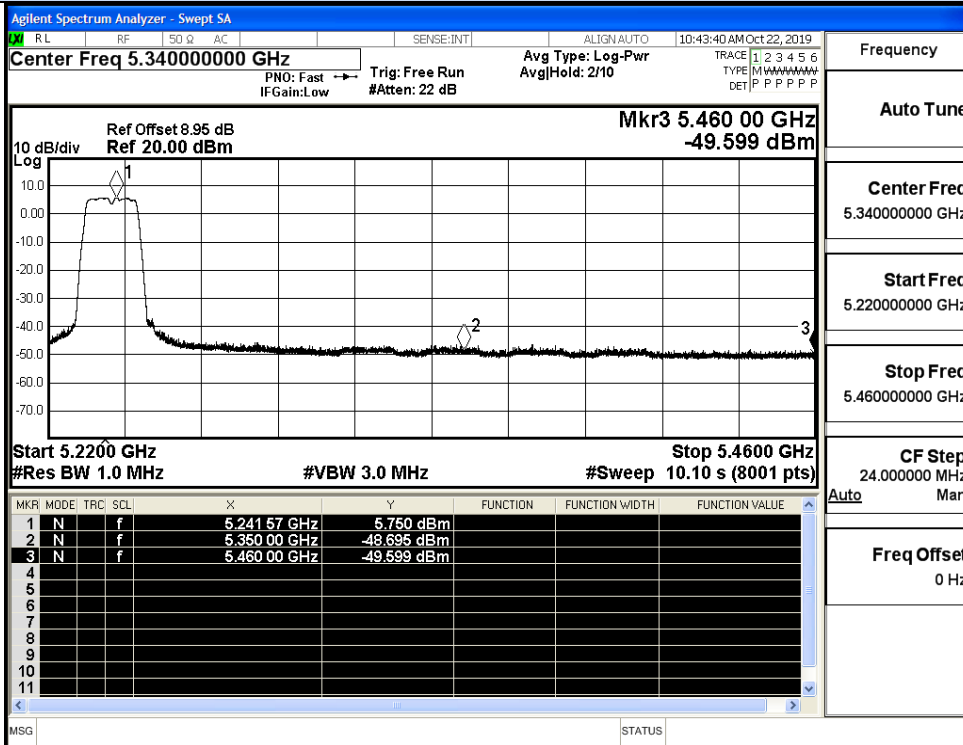


IEEE 802.11n20 / Channel 36 / 5180MHz / Peak

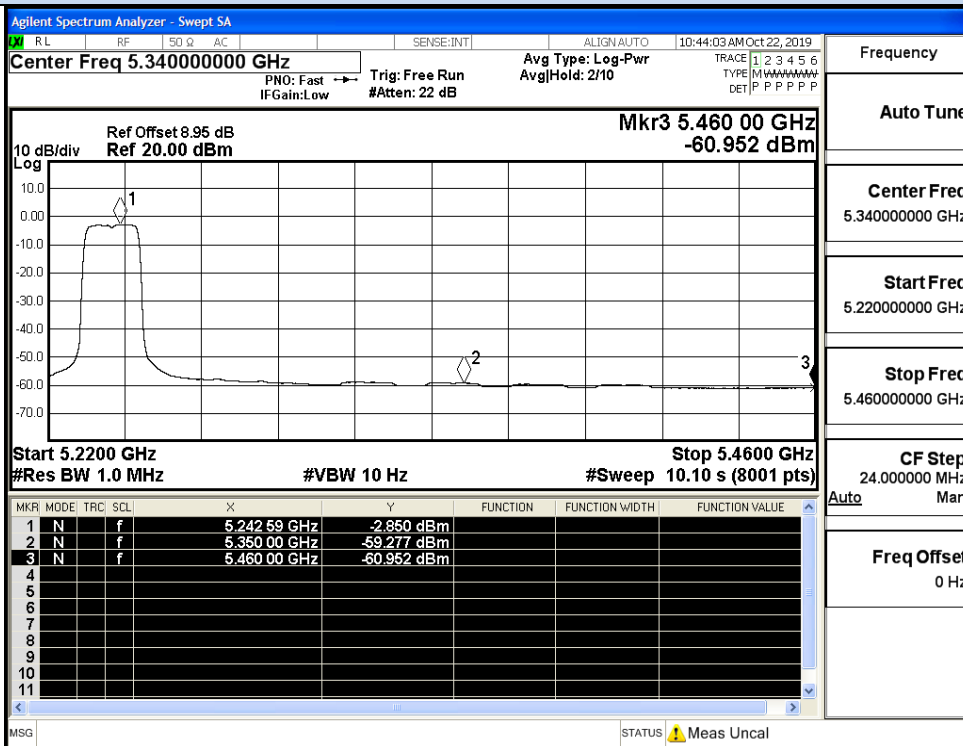


IEEE 802.11n20 / Channel 36 / 5180MHz / Average

Undesirable Emissions Measurement

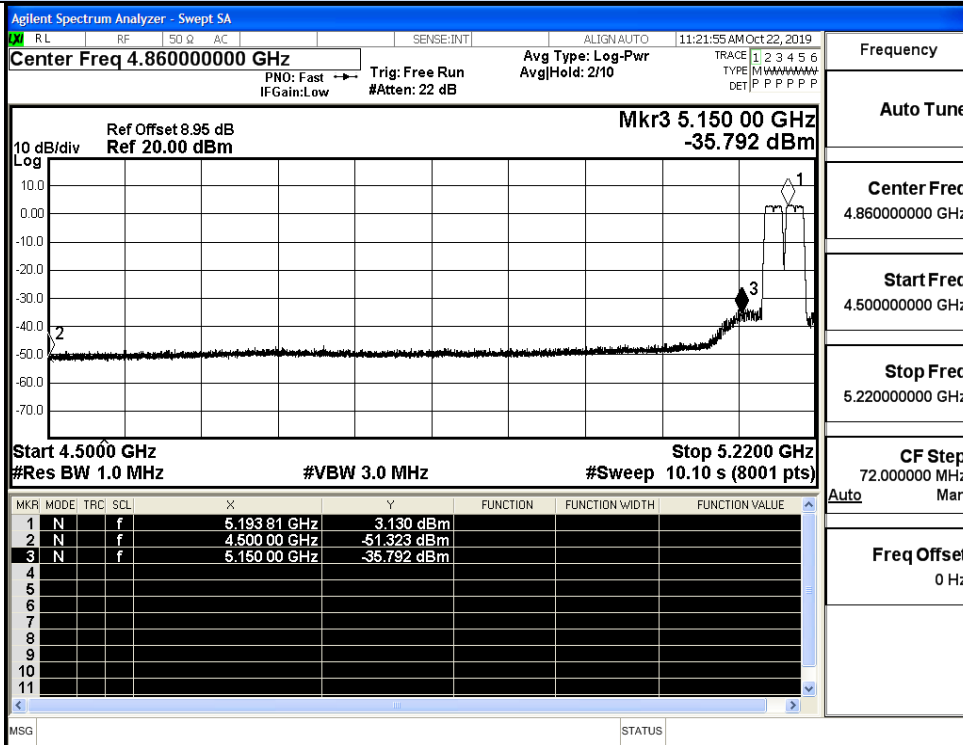


IEEE 802.11n20 / Channel 48 / 5240MHz / Peak

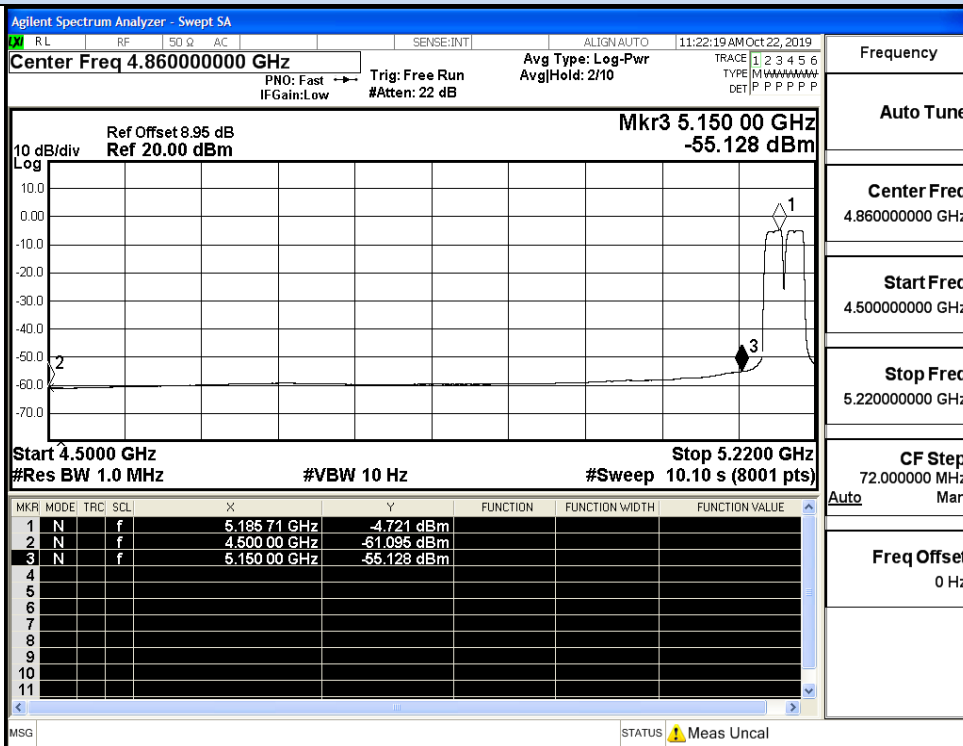


IEEE 802.11n20 / Channel 48 / 5240MHz / Average

Undesirable Emissions Measurement

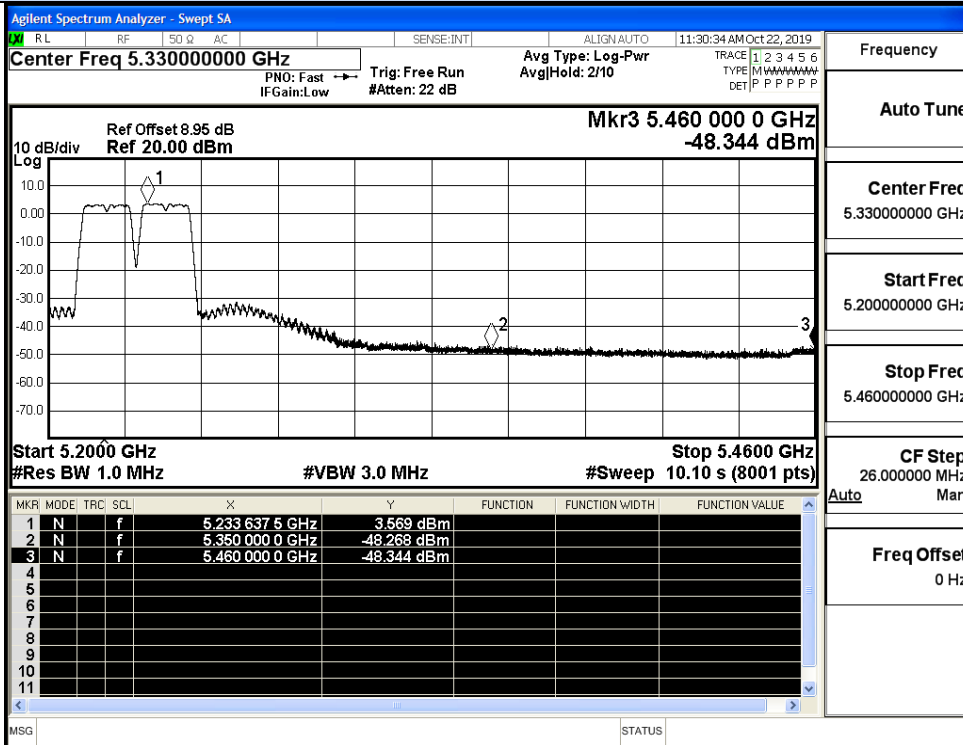


IEEE 802.11n40 / Channel 38 / 5190MHz / Peak

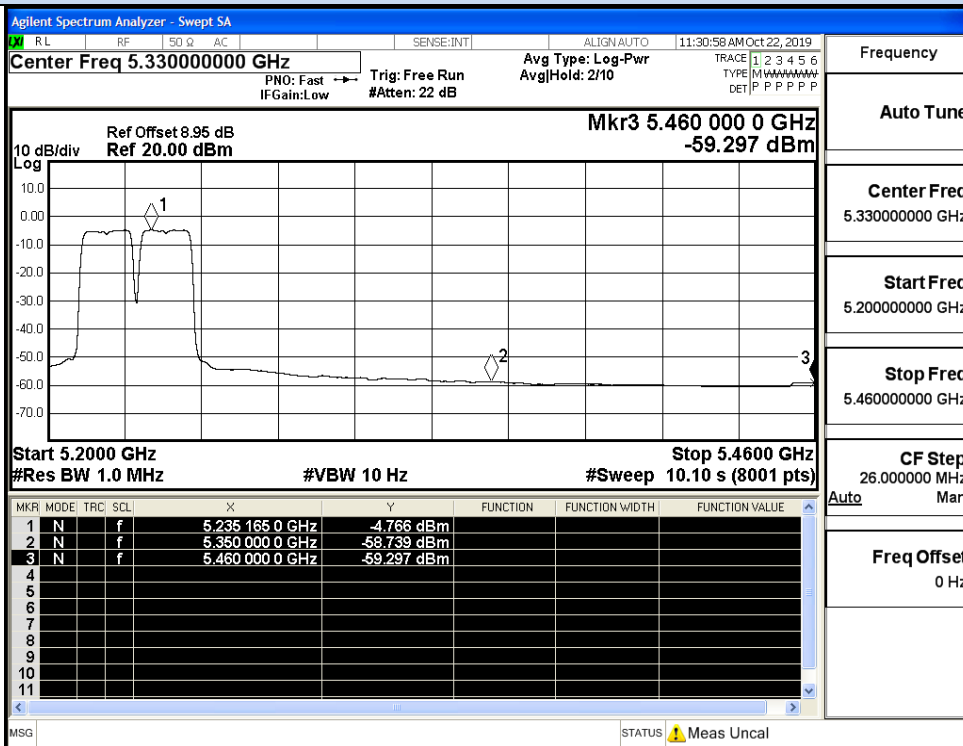


IEEE 802.11n40 / Channel 38 / 5190MHz / Average

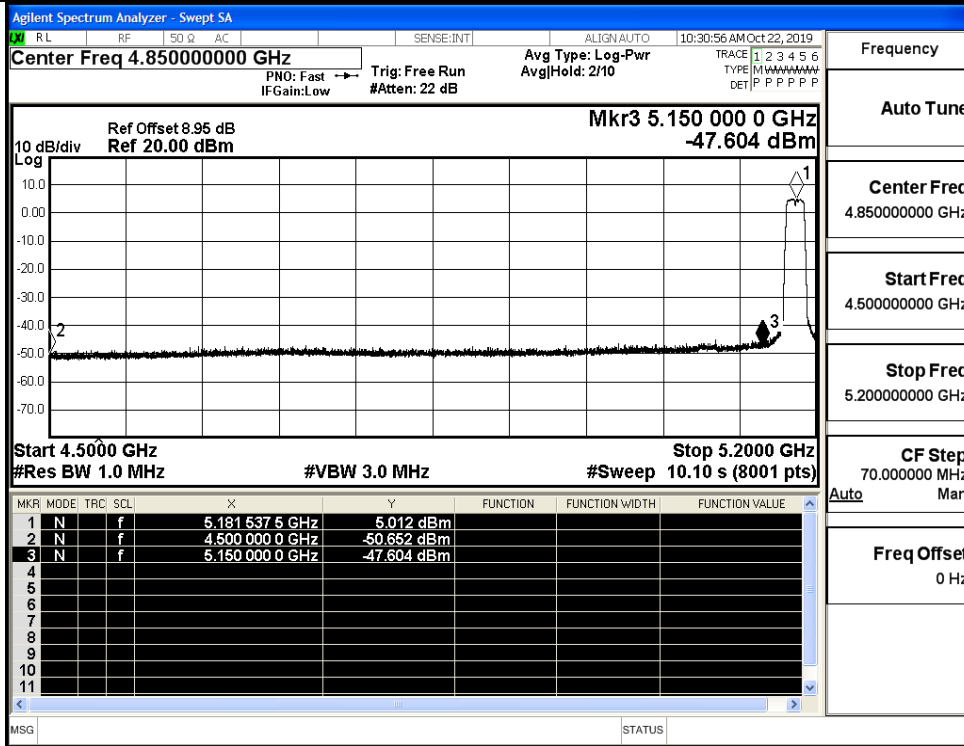
Undesirable Emissions Measurement



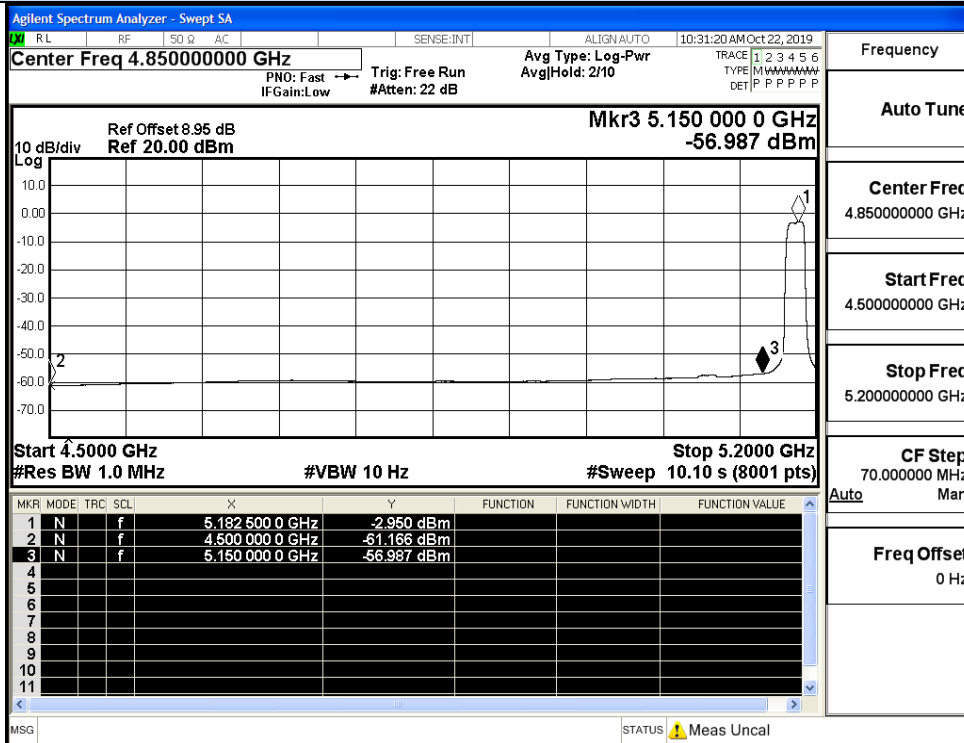
IEEE 802.11n40 / Channel 46 / 5230MHz / Peak



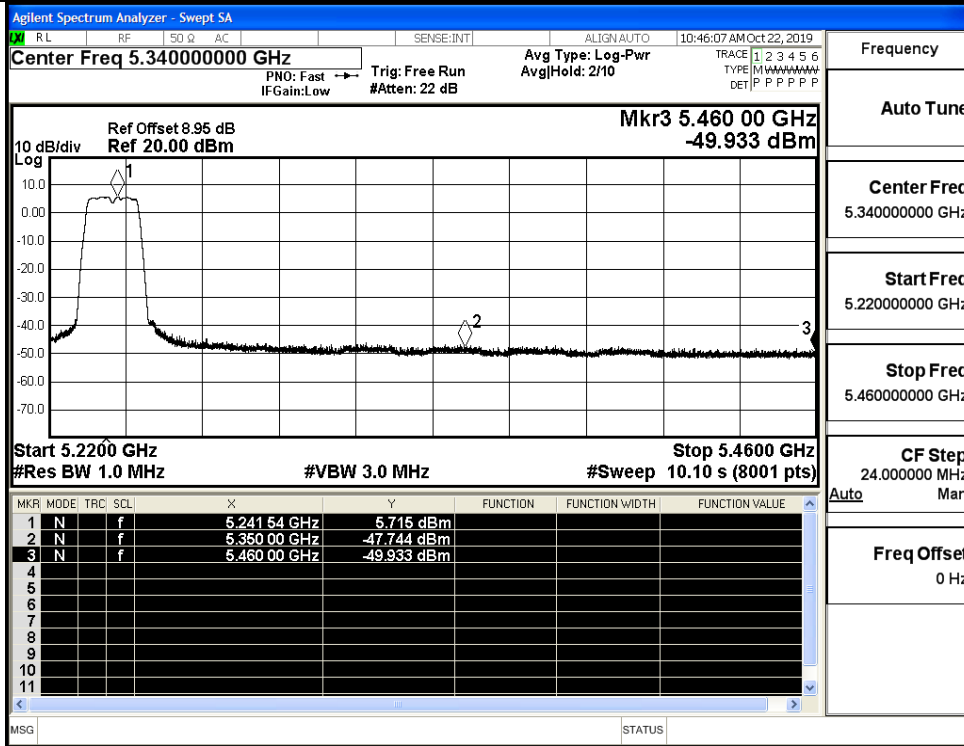
IEEE 802.11n40 / Channel 46 / 5230MHz / Average



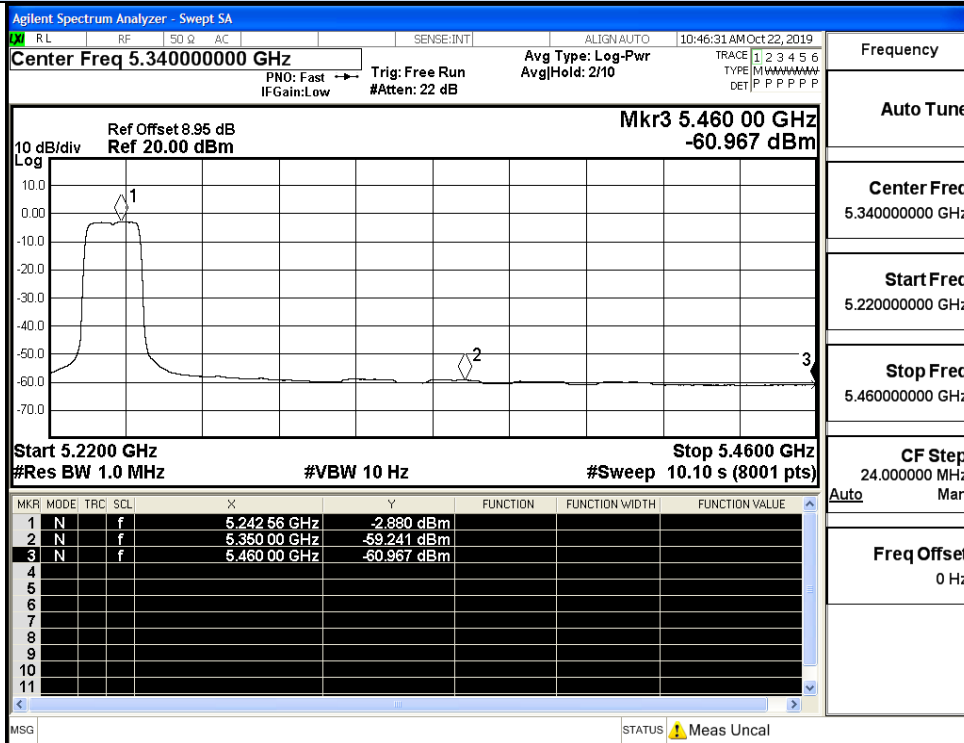
IEEE 802.11ac20 / Channel 36 / 5180MHz / Peak



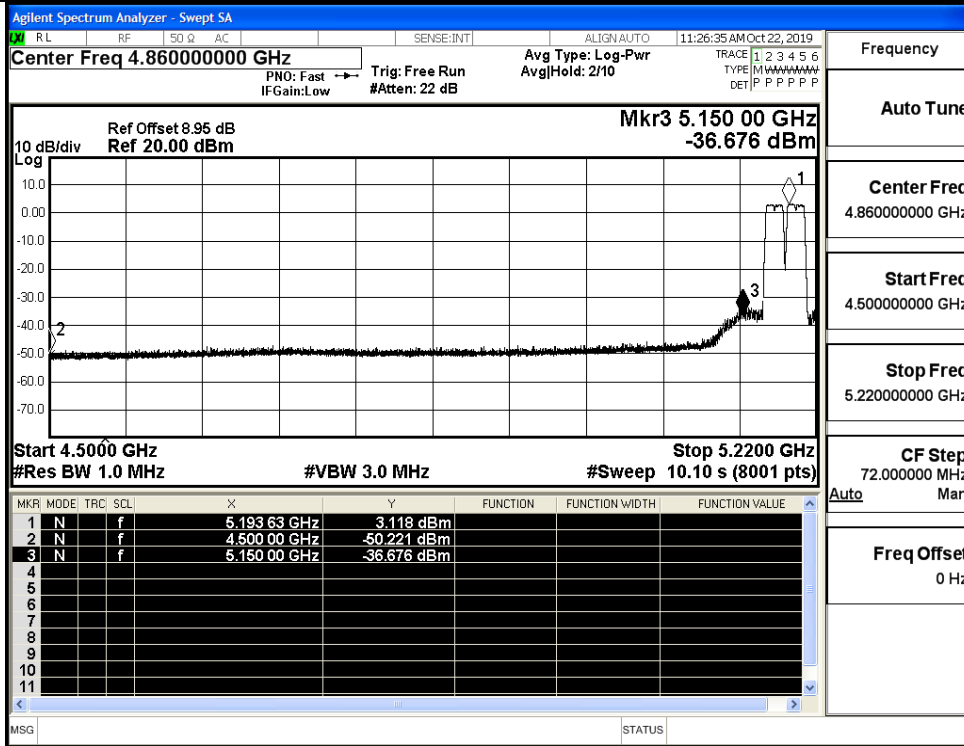
IEEE 802.11ac20 / Channel 36 / 5180MHz / Average



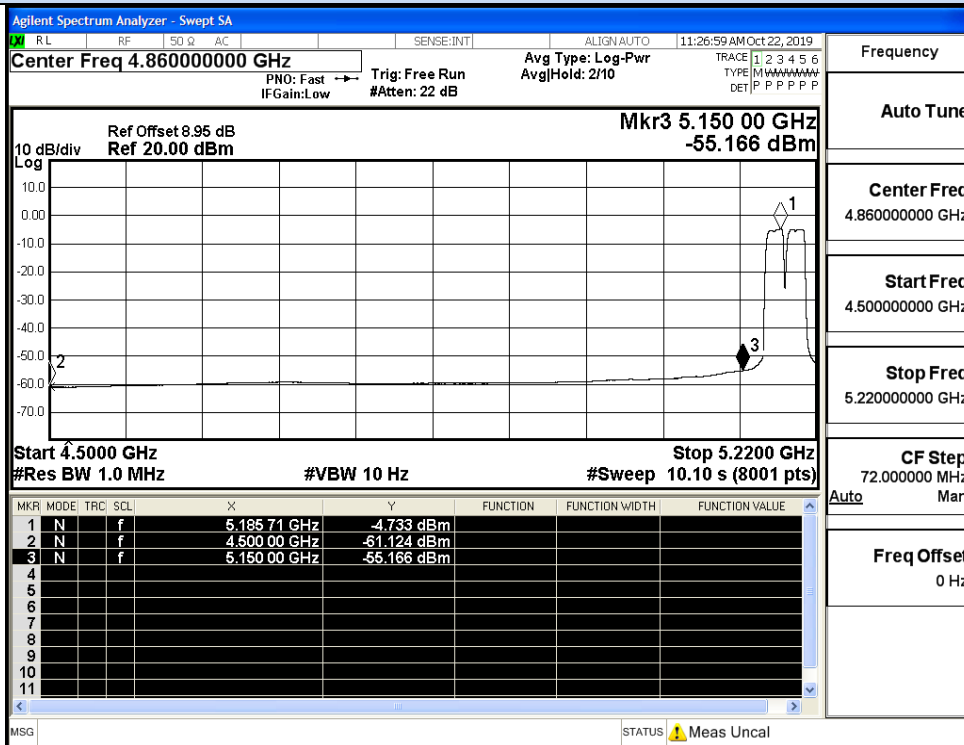
IEEE 802.11ac20 / Channel 48 / 5240MHz / Peak



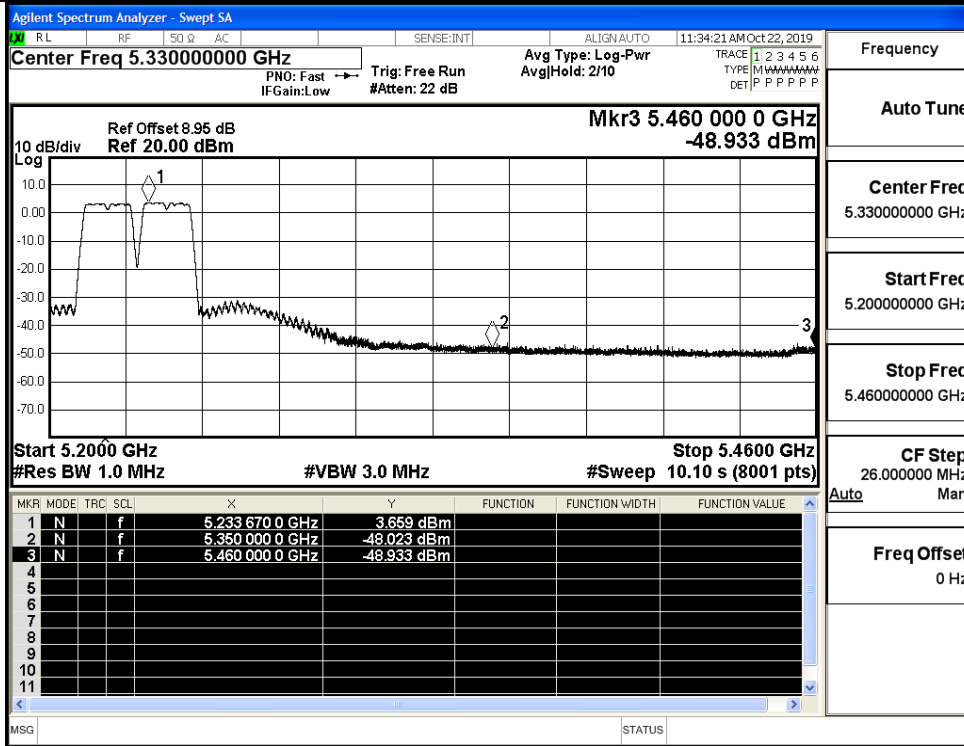
IEEE 802.11ac20 / Channel 48 / 5240MHz / Average



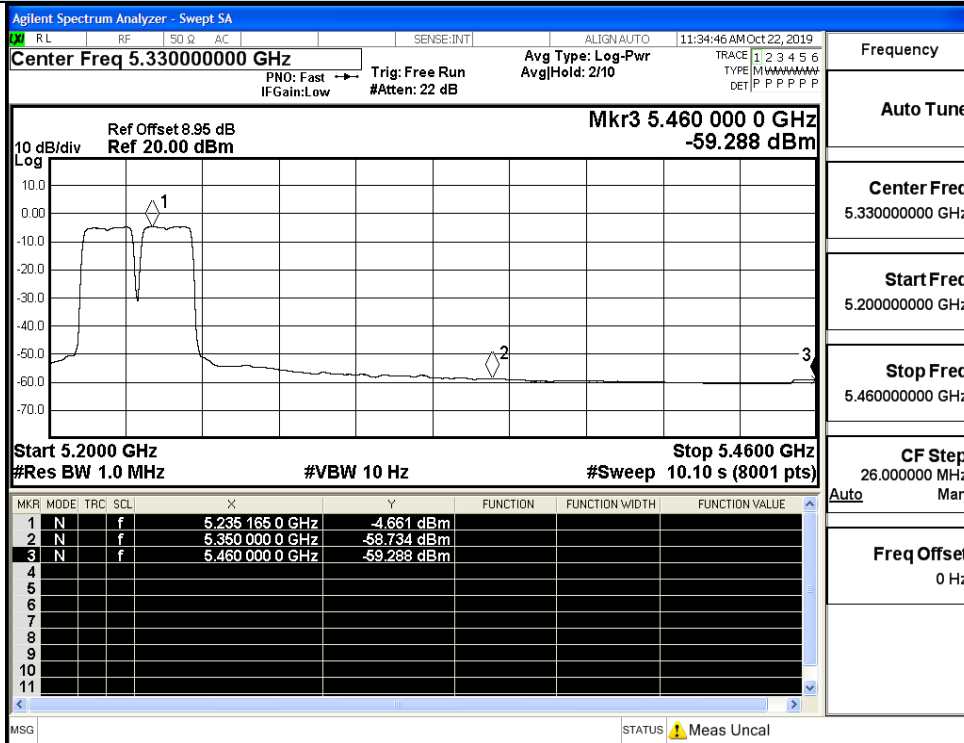
IEEE 802.11ac40 / Channel 38/ 5190MHz / Peak



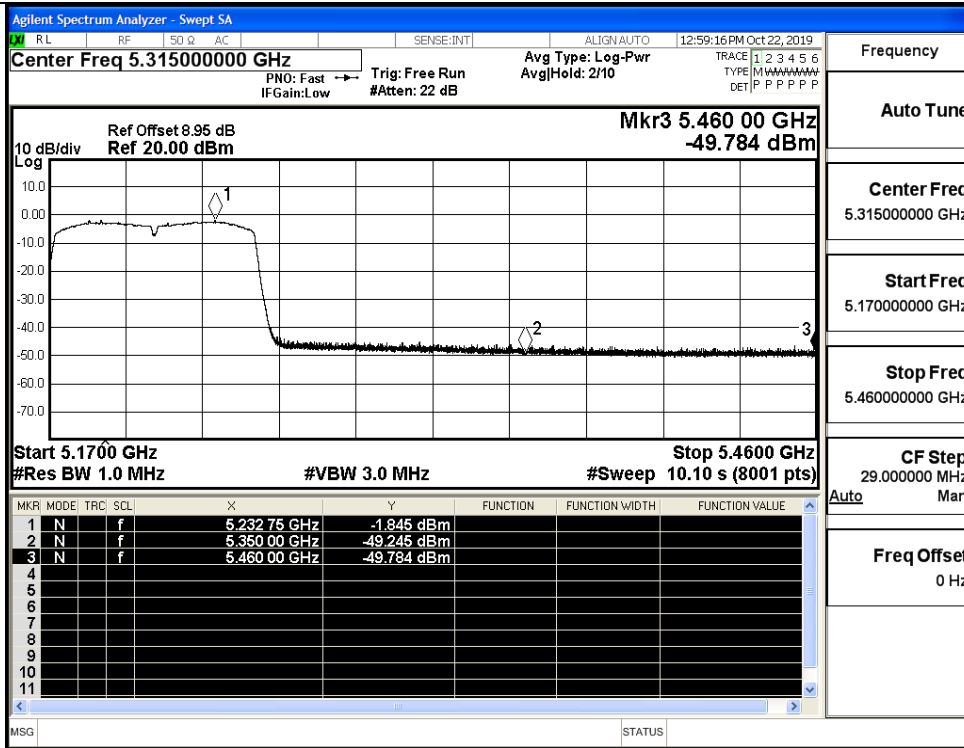
IEEE 802.11ac40 / Channel 38 / 5190MHz / Average



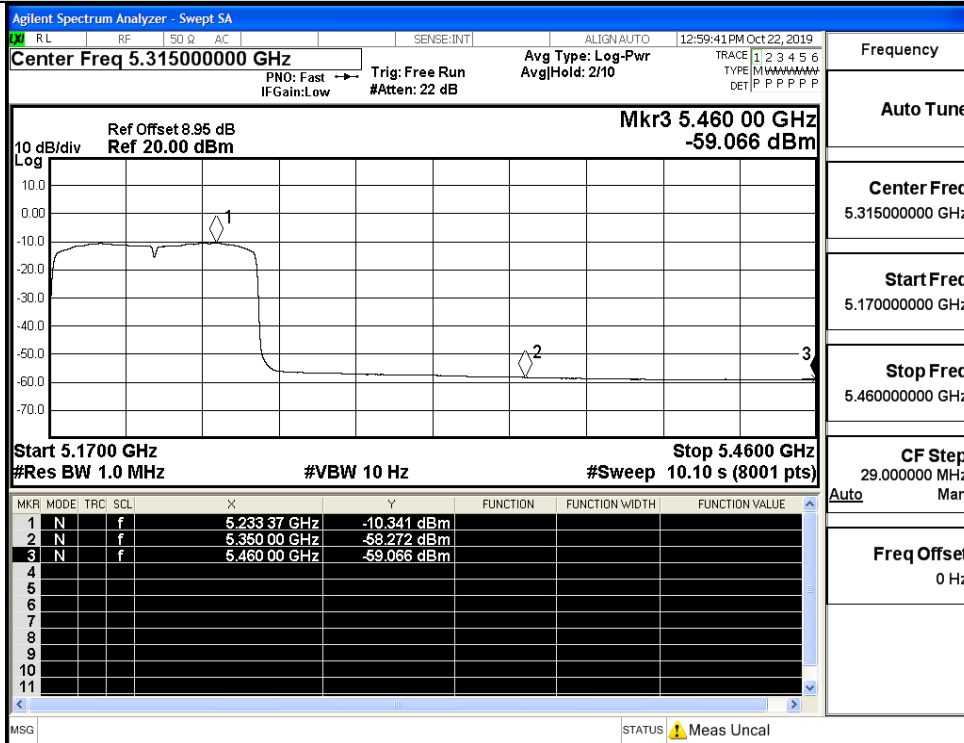
IEEE 802.11ac40 / Channel 46/ 5230MHz / Peak



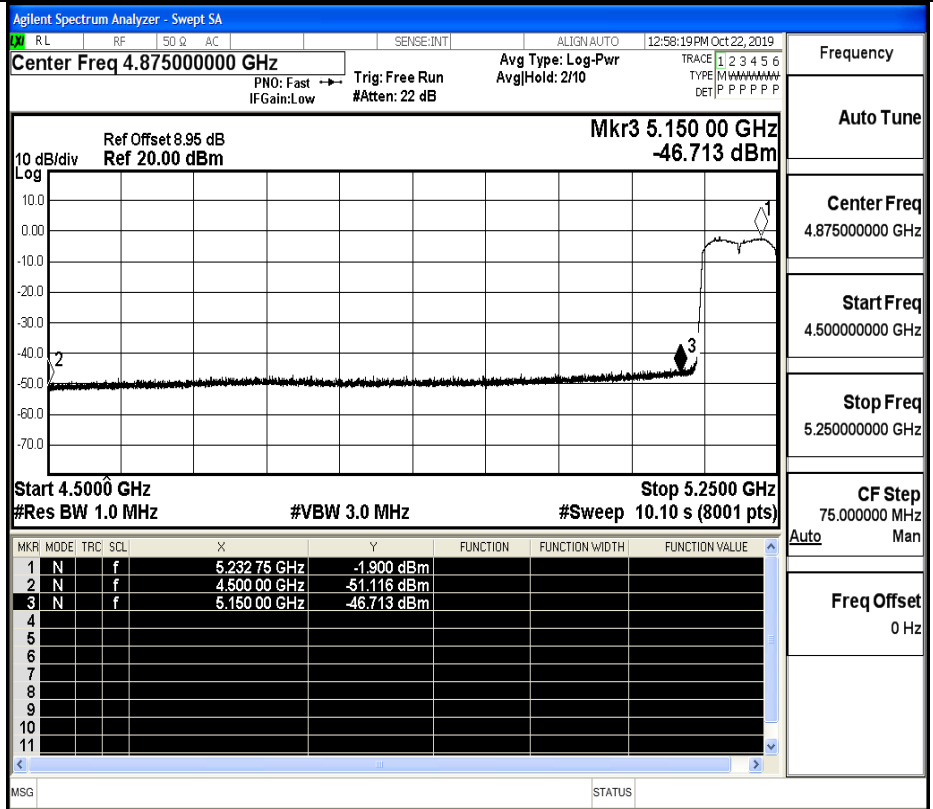
IEEE 802.11ac40 / Channel 46 / 5230MHz / Average



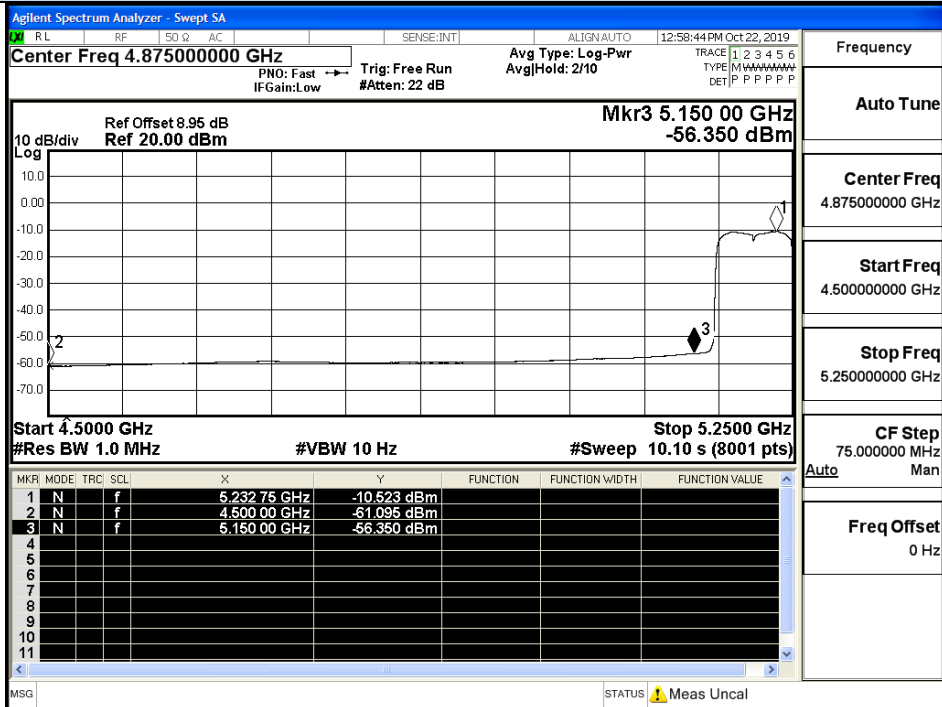
IEEE 802.11ac80 / Channel 42 / 5210MHz / Peak



IEEE 802.11ac80 / Channel 42 / 5210MHz / Average



IEEE 802.11ac80 / Channel 42/ 5210MHz / Peak



IEEE 802.11ac80 / Channel 42 / 5210MHz / Average