

Appendix G

RF Test Data for 5.5G WLAN (Conducted Measurement)

Product Name: AR-BOX

Trade Mark: Firepack

Test Model: EM_B556

Environmental Conditions

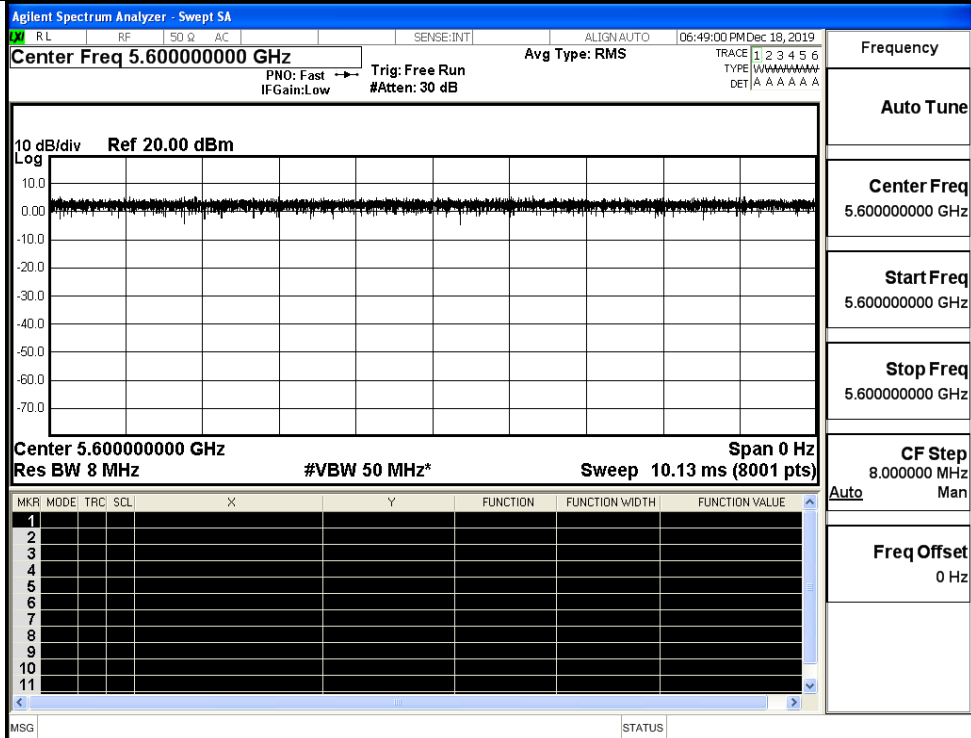
Temperature:	22.6 ° C
Relative Humidity:	52.8%
ATM Pressure:	100.0 kPa
Test Engineer:	Qu Xin
Supervised by:	Tom.Liu

G.1 Duty Cycle

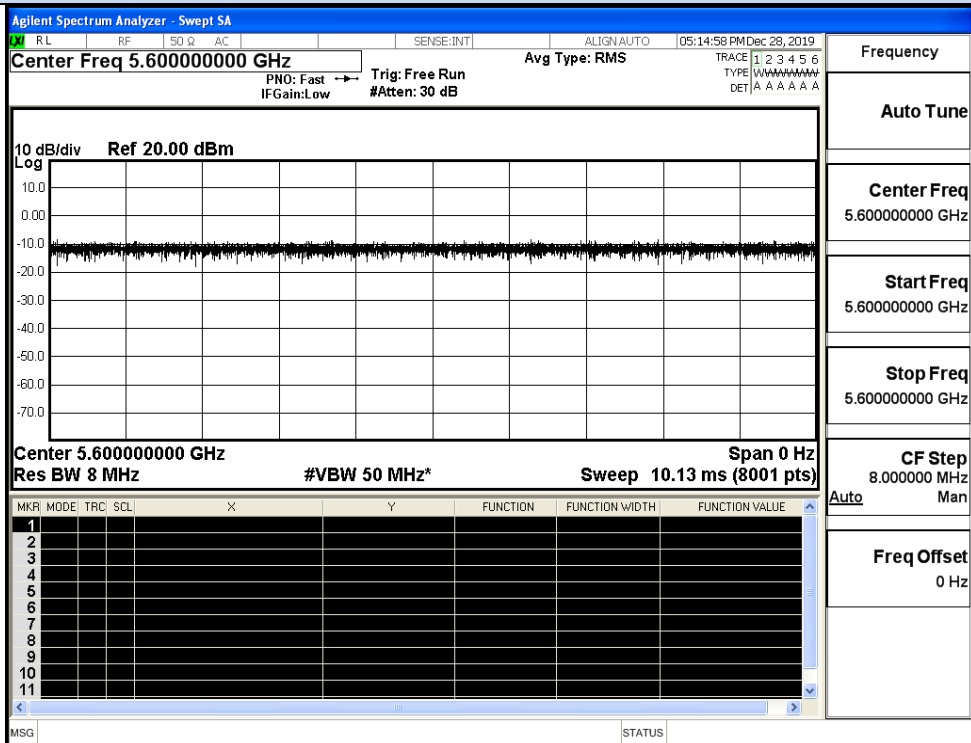
Test Mode	Test Frequency (MHz)	Ant	Duty Cycle (%)	10log(1/x) Factor (dB)	1/B Minimum VBW(KHz)
11A	5600	Ant0	100	0.00	0.01
11N20 SISO	5600	Ant0	100	0.00	0.01
11N40 SISO	5590	Ant0	100	0.00	0.01
11AC20 SISO	5600	Ant0	100	0.00	0.01
11AC40 SISO	5590	Ant0	100	0.00	0.01
11AC80 SISO	5610	Ant0	100	0.00	0.01

Test Mode	Test Frequency (MHz)	Ant	Duty Cycle (%)	10log(1/x) Factor (dB)	1/B Minimum VBW(KHz)
11A	5600	Ant1	100	0.00	0.01
11N20 SISO	5600	Ant1	100	0.00	0.01
11N40 SISO	5590	Ant1	100	0.00	0.01
11AC20 SISO	5600	Ant1	100	0.00	0.01
11AC40 SISO	5590	Ant1	100	0.00	0.01
11AC80 SISO	5610	Ant1	100	0.00	0.01

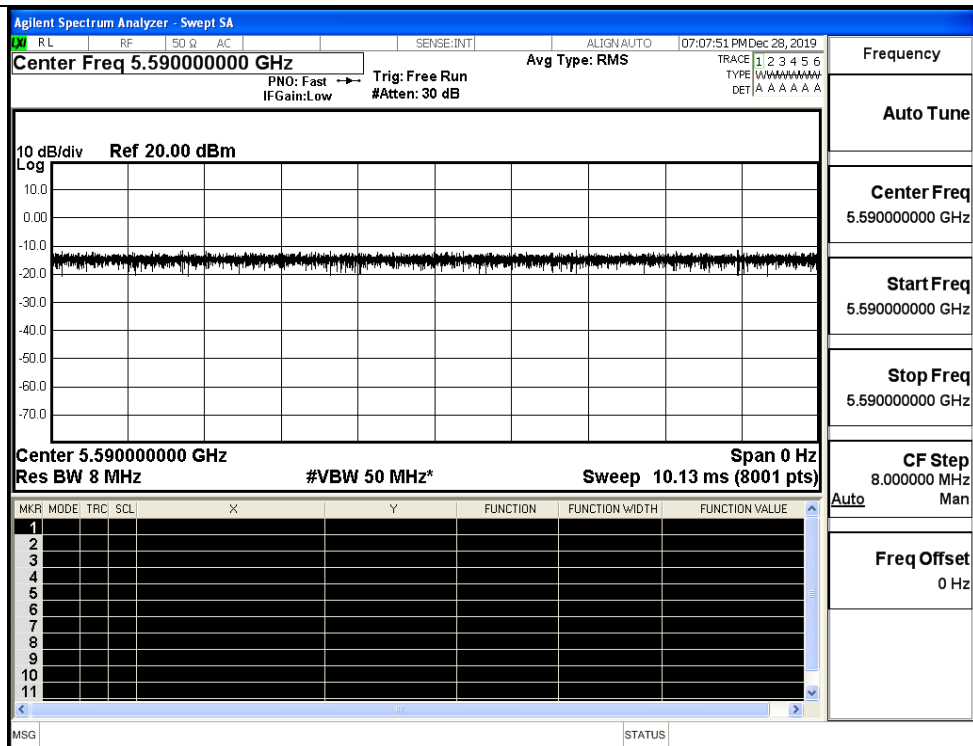
On Time and Duty Cycle_Ant0



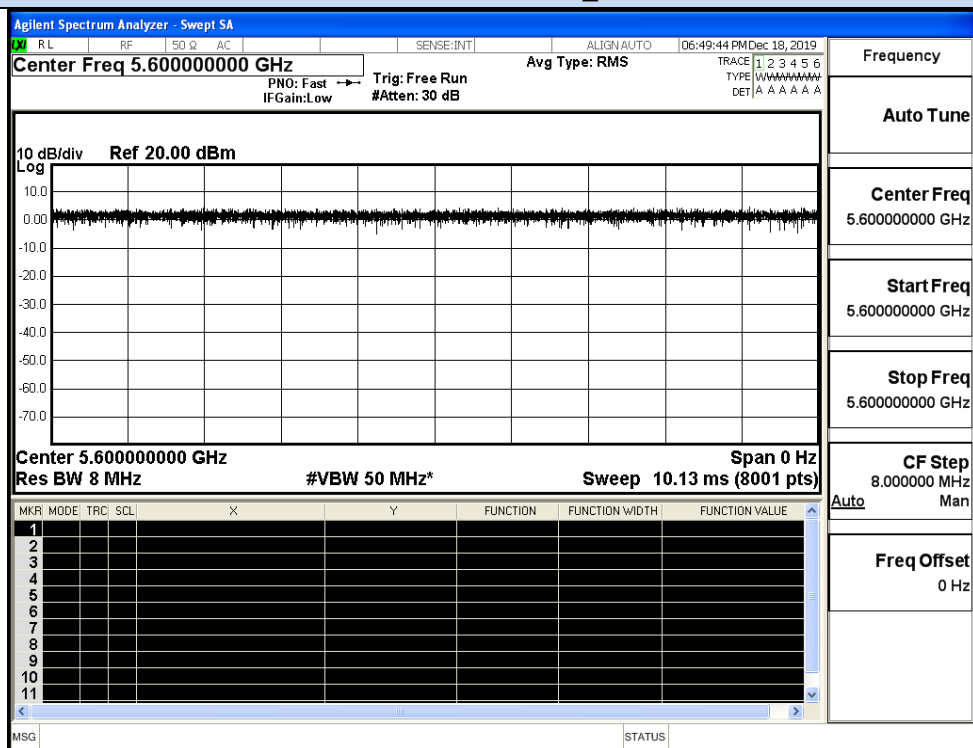
IEEE 802.11a_Ant0



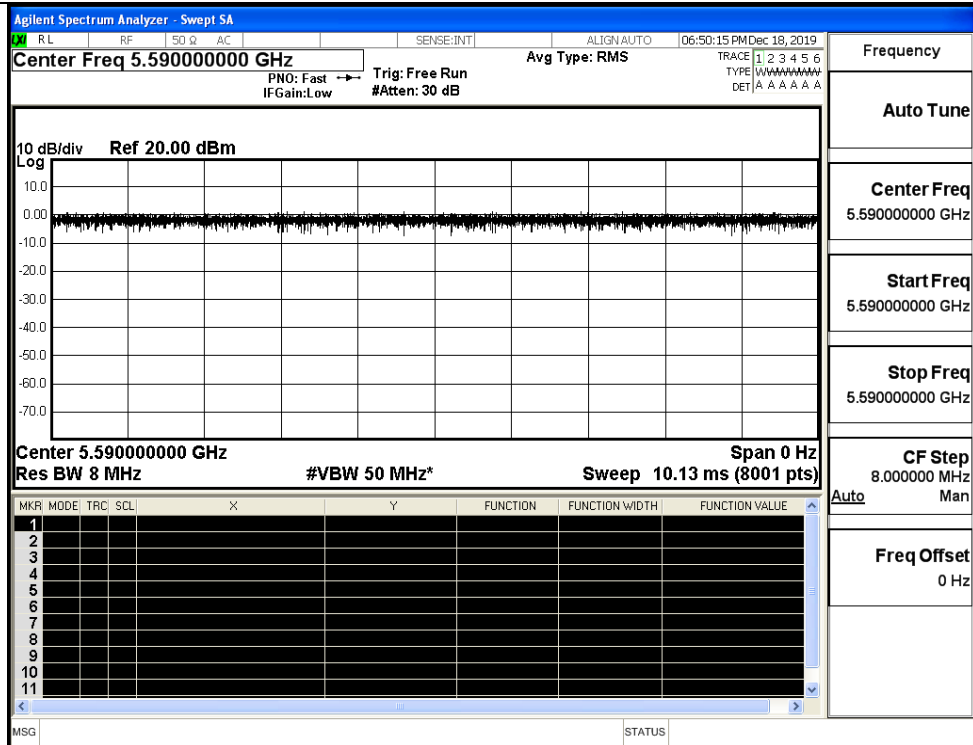
IEEE 802.11n HT20_Ant0



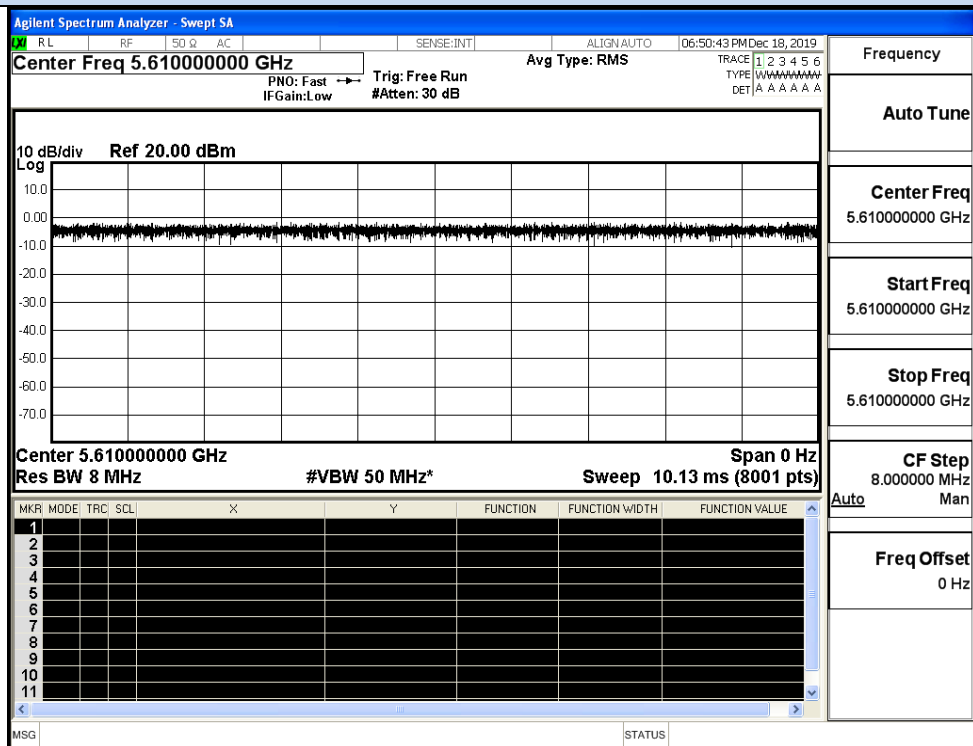
IEEE 802.11n HT40_Ant0



IEEE 802.11AC20_Ant0

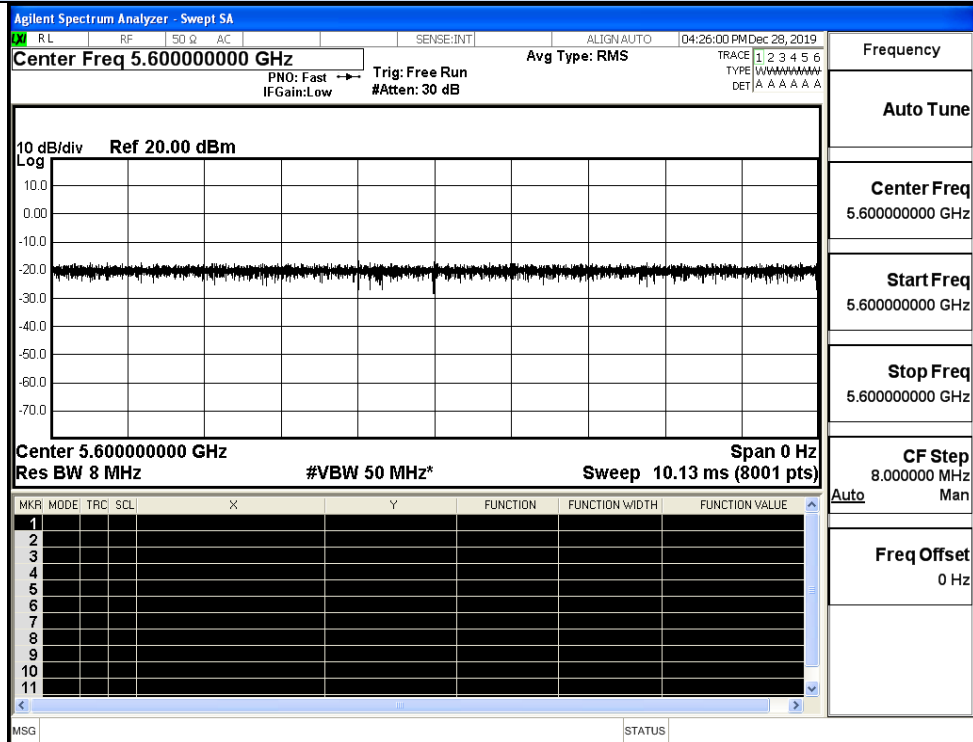


IEEE 802.11AC40_Ant0

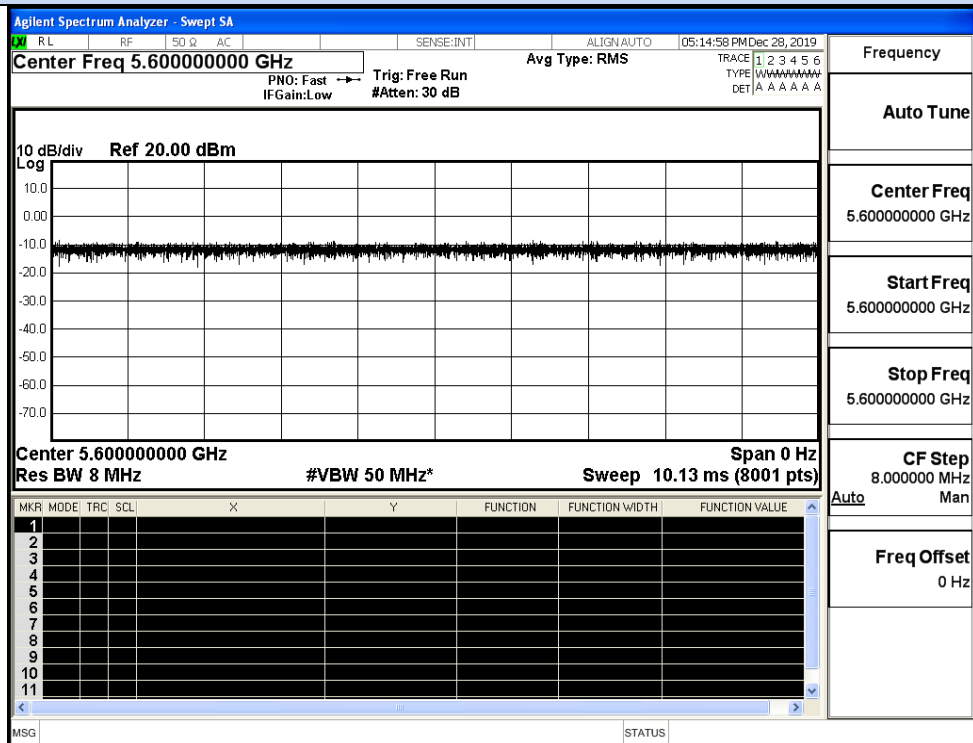


IEEE 802.11AC80_Ant0

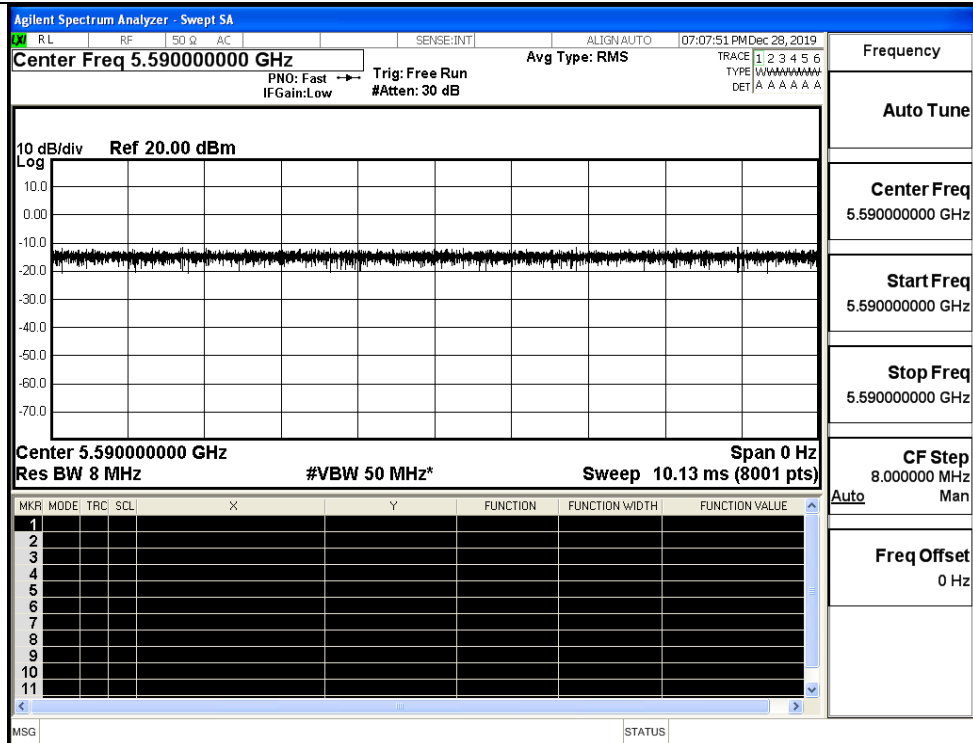
On Time and Duty Cycle_Ant1



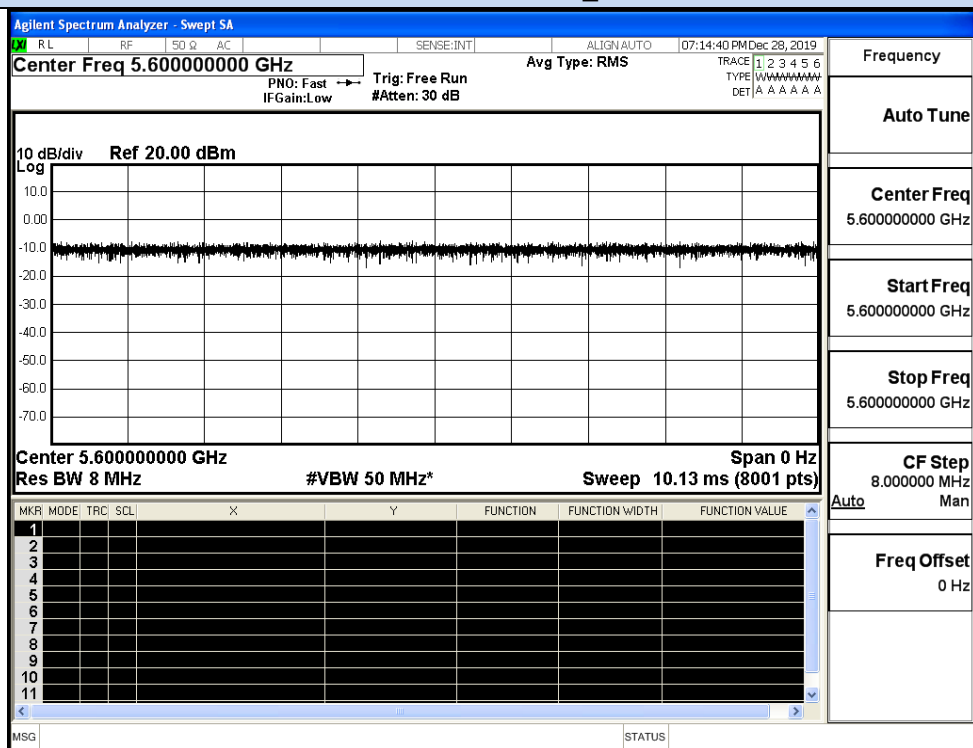
IEEE 802.11a_Ant1



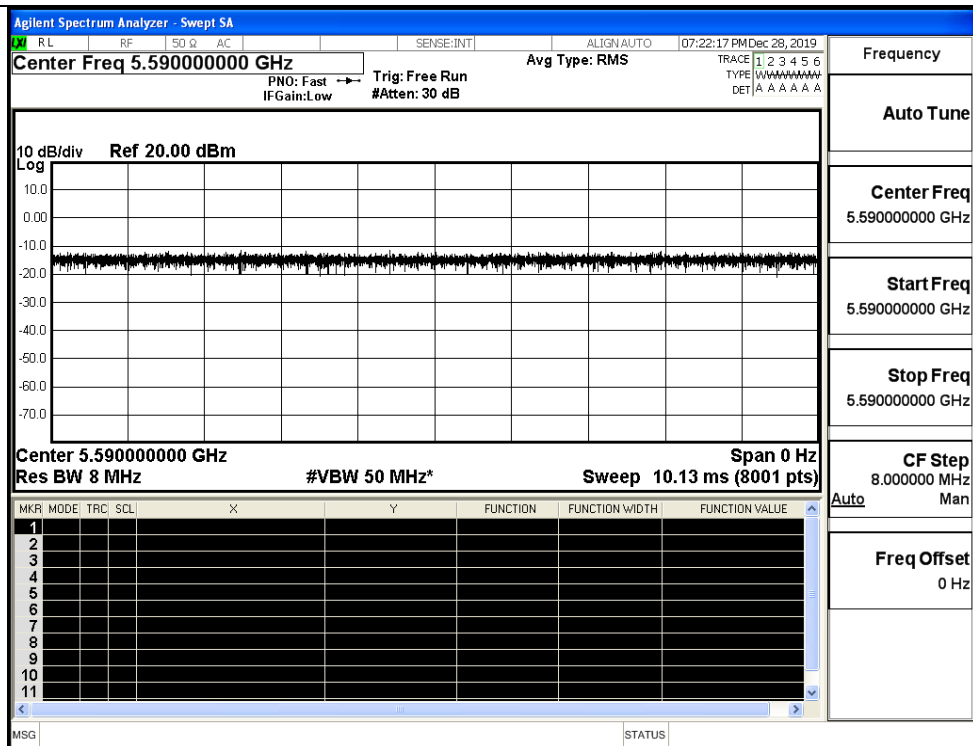
IEEE 802.11n HT20_Ant1



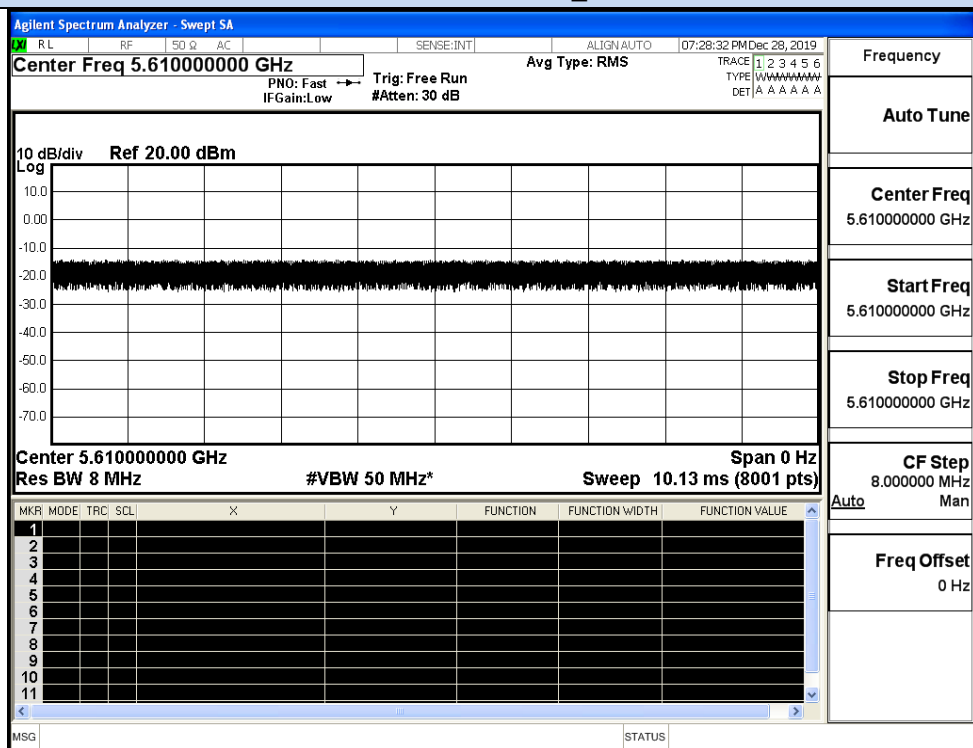
IEEE 802.11n HT40_Ant1



IEEE 802.11AC20_Ant1



IEEE 802.11AC40_Ant1



IEEE 802.11AC80_Ant1

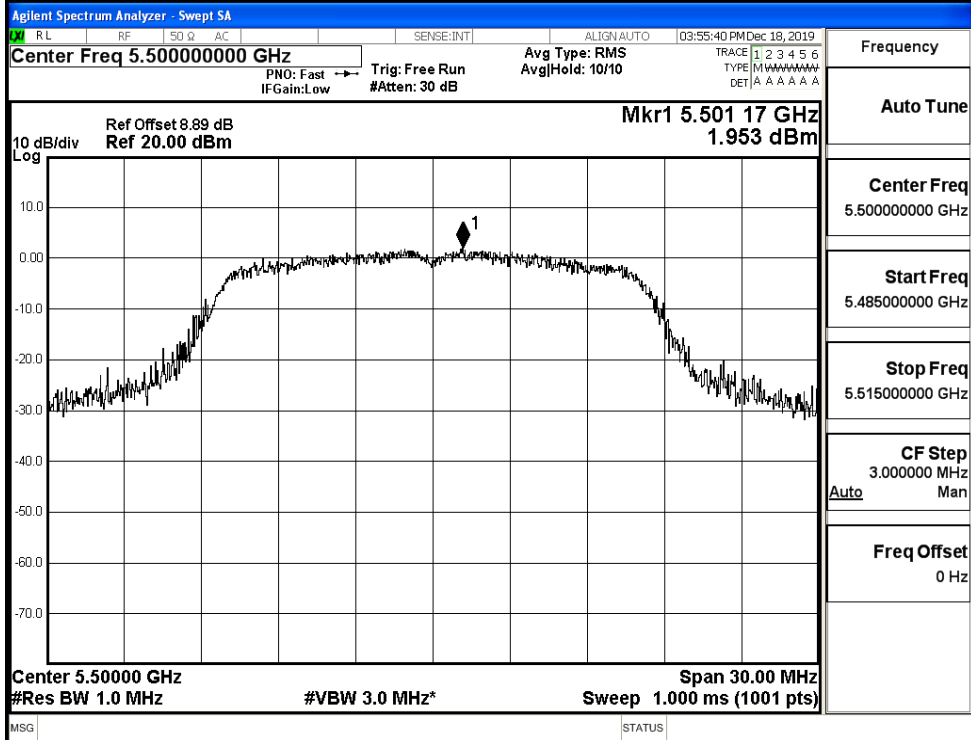
G.2 Maximum Conduct Output Power

Test Mode	Channel	Frequency (MHz)	AVG Conducted Power (dBm)			Duty Cycle Factor(dB)	Report Conducted Power(dBm)			Limit (dBm)	Verdict
			Ant0	Ant1	Sum		Ant0	Ant1	Sum		
11A	100	5500	5.97	5.82	/	0	5.97	5.82	/	24	Pass
	120	5600	6.13	6.10	/	0	6.13	6.10	/		Pass
	140	5700	5.90	6.02	/	0	5.90	6.02	/		Pass
11N20 SISO	100	5500	4.04	4.00	7.03	0	4.04	4.00	7.03	24	Pass
	120	5600	4.15	4.34	7.26	0	4.15	4.34	7.26		Pass
	140	5700	4.01	4.21	7.12	0	4.01	4.21	7.12		Pass
11N40 SISO	149	5510	4.20	4.17	7.20	0	4.20	4.17	7.20	24	Pass
	157	5590	4.32	4.41	7.38	0	4.32	4.41	7.38		Pass
	165	5670	4.03	3.92	6.99	0	4.03	3.92	6.99		Pass
11AC20 SISO	100	5500	4.23	4.20	7.23	0	4.23	4.20	7.23	24	Pass
	120	5600	4.33	4.24	7.30	0	4.33	4.24	7.30		Pass
	140	5700	4.12	4.15	7.15	0	4.12	4.15	7.15		Pass
11AC40 SISO	149	5510	3.86	3.83	6.86	0	3.86	3.83	6.86	24	Pass
	157	5590	4.30	4.37	7.35	0	4.30	4.37	7.35		Pass
	165	5670	3.62	3.55	6.60	0	3.62	3.55	6.60		Pass
11AC80 SISO	106	5530	4.35	4.41	7.39	0	4.35	4.41	7.39	24	Pass
	122	5610	3.82	3.60	6.72	0	3.82	3.60	6.72		Pass
	138	5690	4.41	4.35	7.39	0	4.41	4.35	7.39		Pass

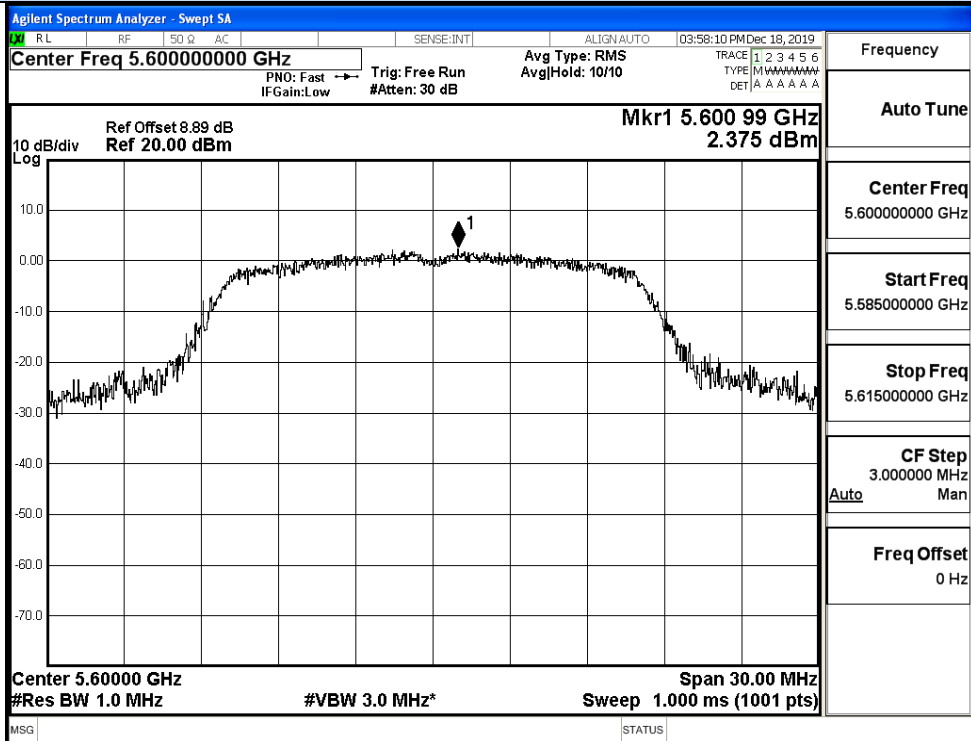
G.3 Power Spectral Density

Test Mode	Channel	Frequency (MHz)	Power Density (dBm/MHz)			Duty Cycle Factor (dB)	Report Power Density (dBm/MHz)			Limit (dBm/MHz)	Verdict
			Ant0	Ant1	Sum		Ant0	Ant1	Sum		
11A	100	5500	1.95	-4.18	/	0	1.95	-4.18	/	11	Pass
	120	5600	2.38	-13.15	/	0	2.38	-13.15	/		Pass
	140	5700	1.84	-13.95	/	0	1.84	-13.95	/		Pass
11N20 SISO	100	5500	-1.84	-5.75	-0.36	0	-1.84	-5.75	-0.36	11	Pass
	120	5600	0.12	-4.98	1.29	0	0.12	-4.98	1.29		Pass
	140	5700	3.08	-4.88	3.72	0	3.08	-4.88	3.72		Pass
11N40 SISO	149	5510	-4.55	-8.62	-3.11	0	-4.55	-8.62	-3.11	11	Pass
	157	5590	-3.37	-8.68	-2.25	0	-3.37	-8.68	-2.25		Pass
	165	5670	-0.95	-7.80	-0.13	0	-0.95	-7.80	-0.13		Pass
11AC20 SISO	100	5500	1.15	-4.25	2.25	0	1.15	-4.25	2.25	11	Pass
	120	5600	0.71	-4.31	1.90	0	0.71	-4.31	1.90		Pass
	140	5700	0.95	-3.05	2.41	0	0.95	-3.05	2.41		Pass
11AC40 SISO	149	5510	-1.24	-8.26	-0.45	0	-1.24	-8.26	-0.45	11	Pass
	157	5590	-2.07	-8.50	-1.18	0	-2.07	-8.50	-1.18		Pass
	165	5670	-1.75	-8.15	-0.85	0	-1.75	-8.15	-0.85		Pass
11AC80 SISO	106	5530	-3.97	-11.36	-3.24	0	-3.97	-11.36	-3.24	11	Pass
	122	5610	-3.78	-11.65	-3.12	0	-3.78	-11.65	-3.12		Pass
	138	5690	-4.45	-10.81	-3.55	0	-4.45	-10.81	-3.55		Pass

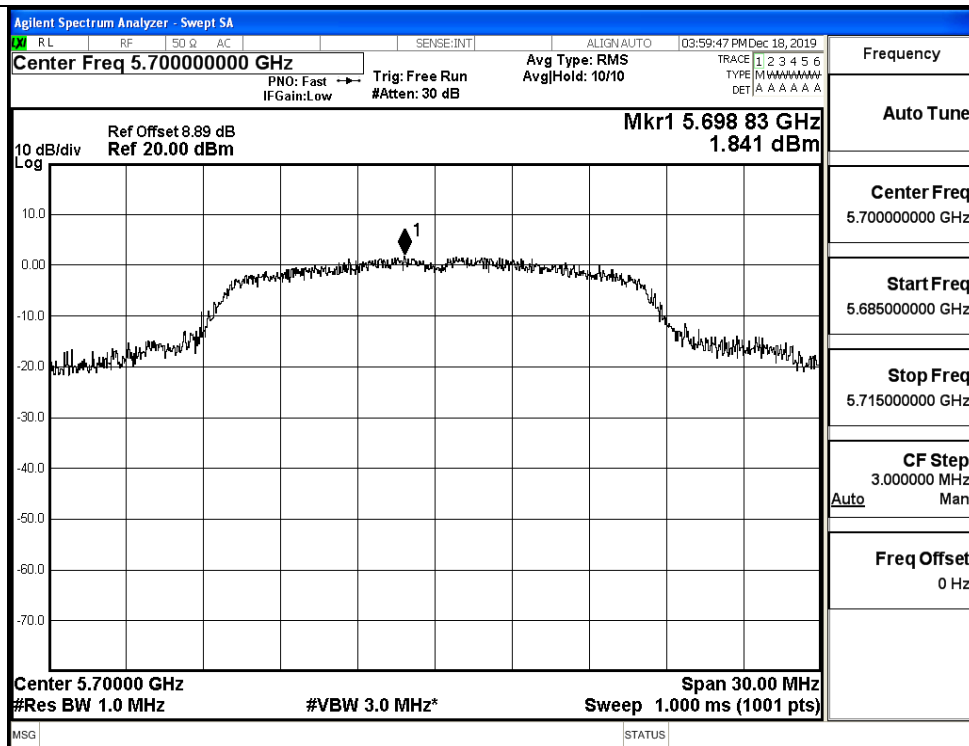
Power Spectral Density_Ant0



IEEE 802.11a / Channel 100 / 5500MHz_Ant0

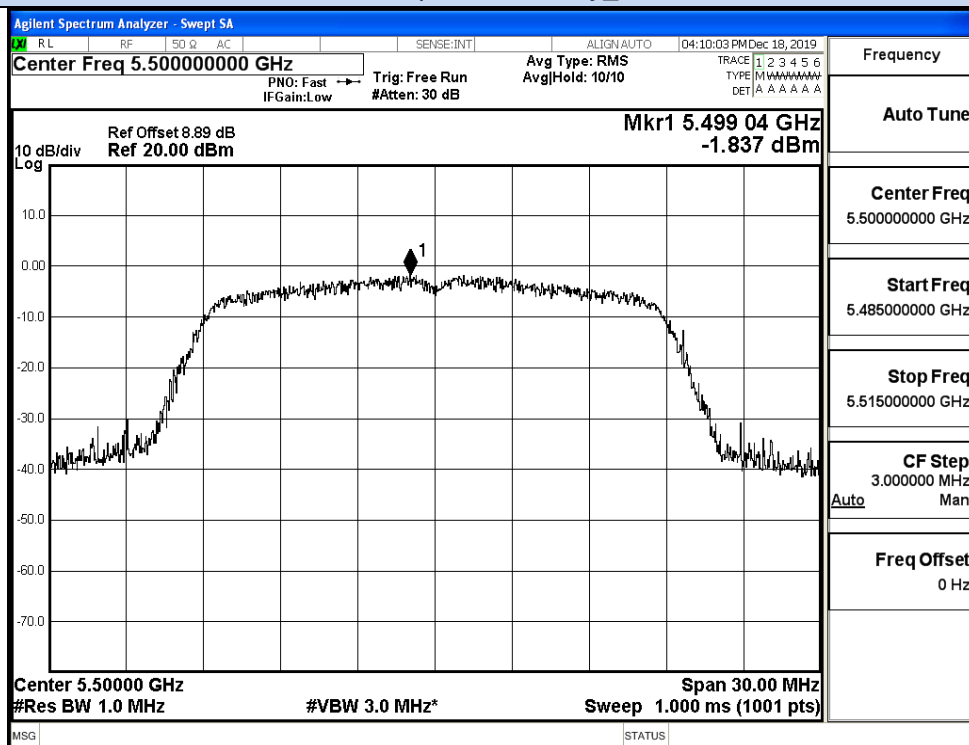


IEEE 802.11a / Channel 120 / 5600MHz_Ant0

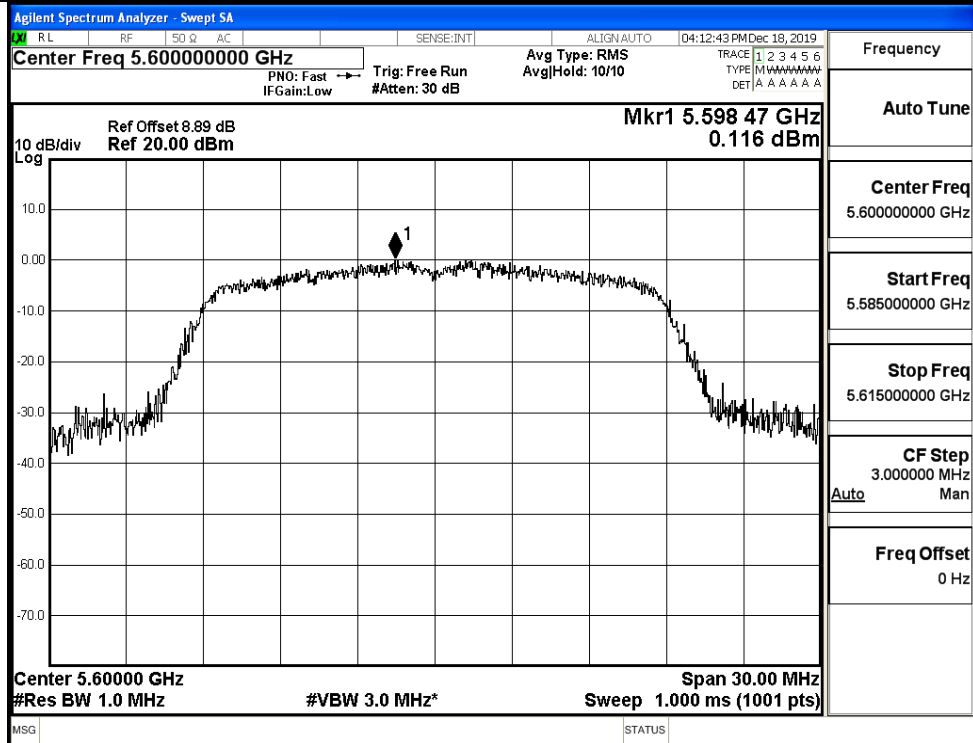


IEEE 802.11a / Channel 140 / 5700MHz_Ant0

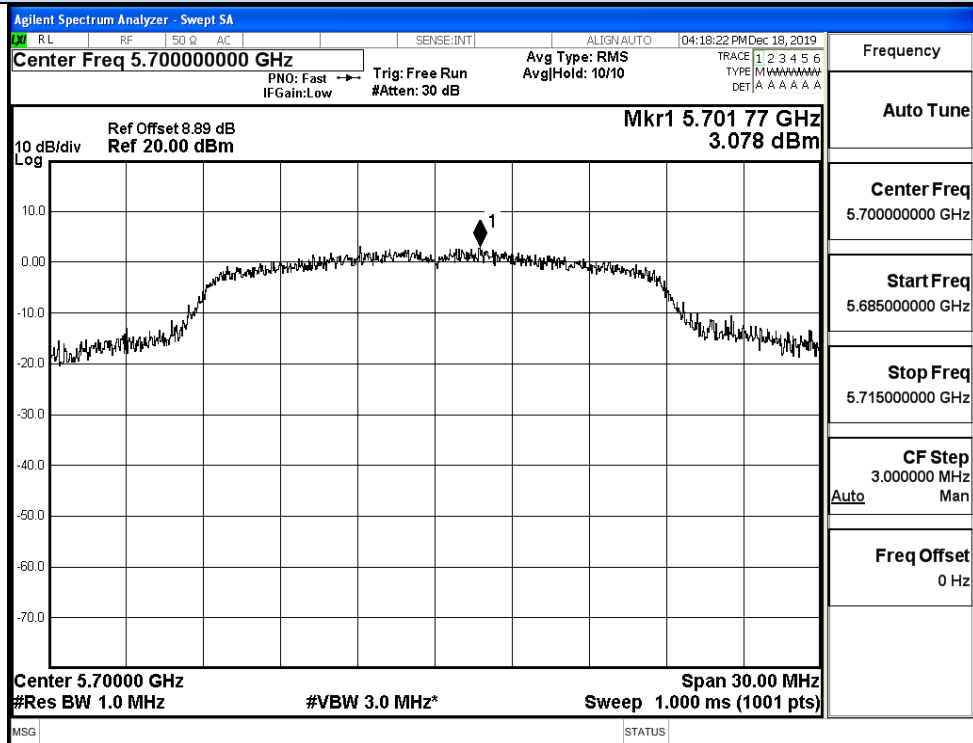
Power Spectral Density_Ant0



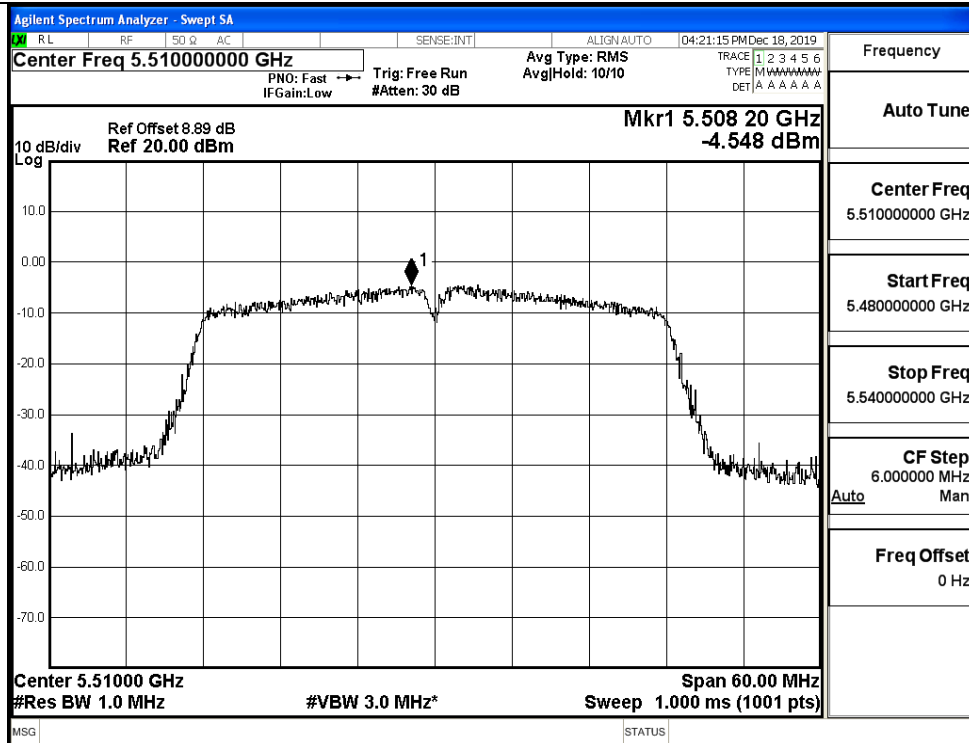
IEEE 802.11n20 / Channel 100 / 5500MHz_Ant0



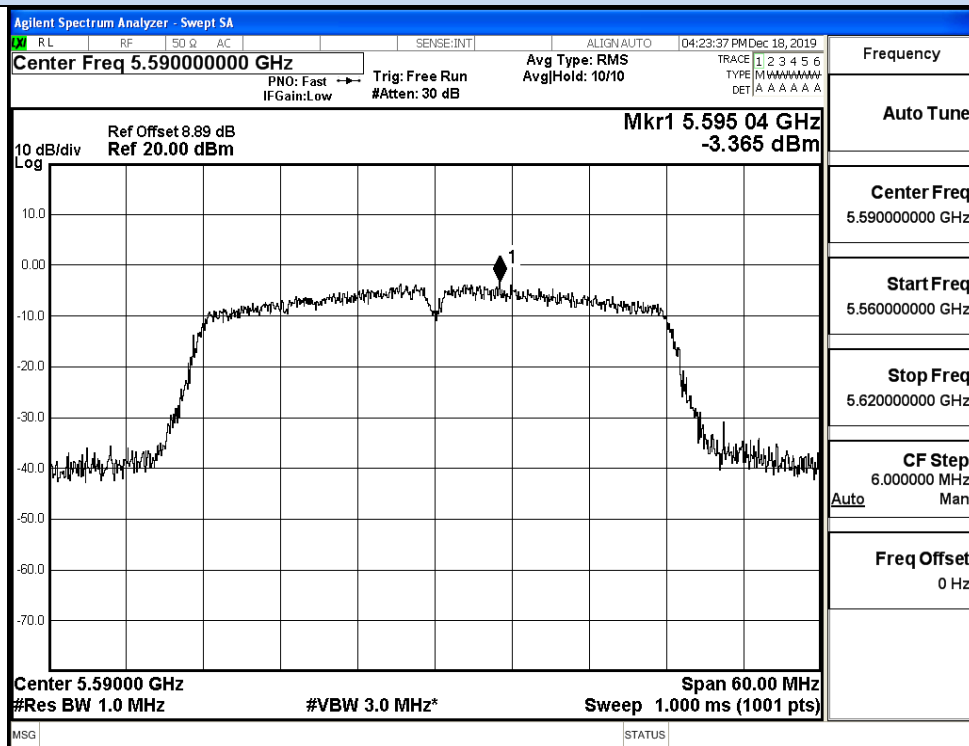
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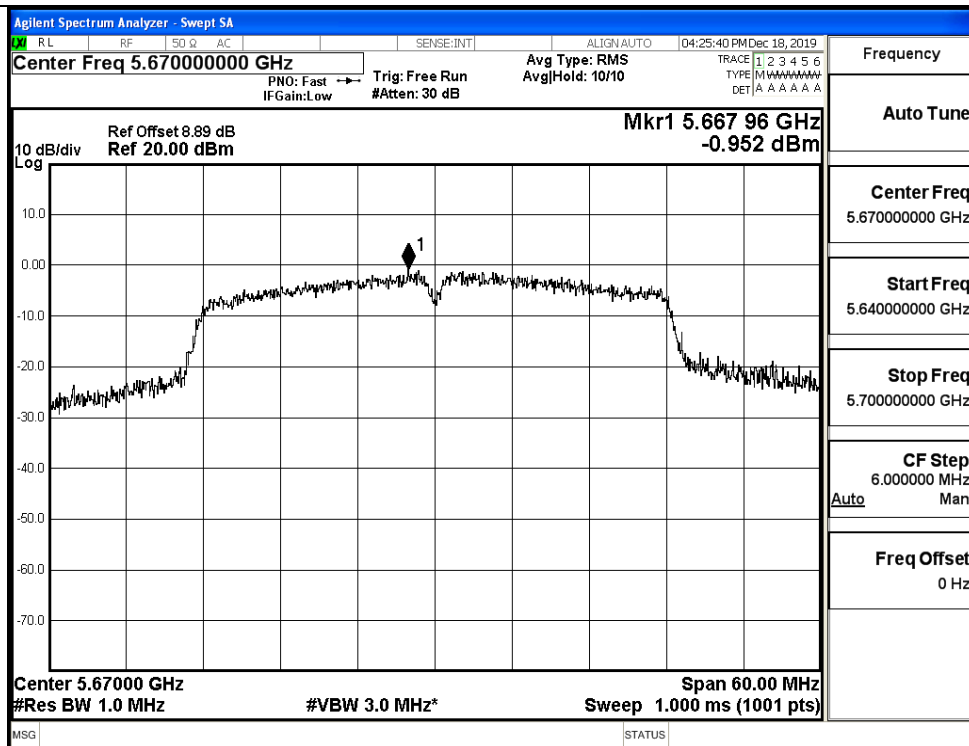
IEEE 802.11n20 / Channel 140 / 5700MHz_Ant0



IEEE 802.11n40 / Channel 102 / 5510MHz_Ant0

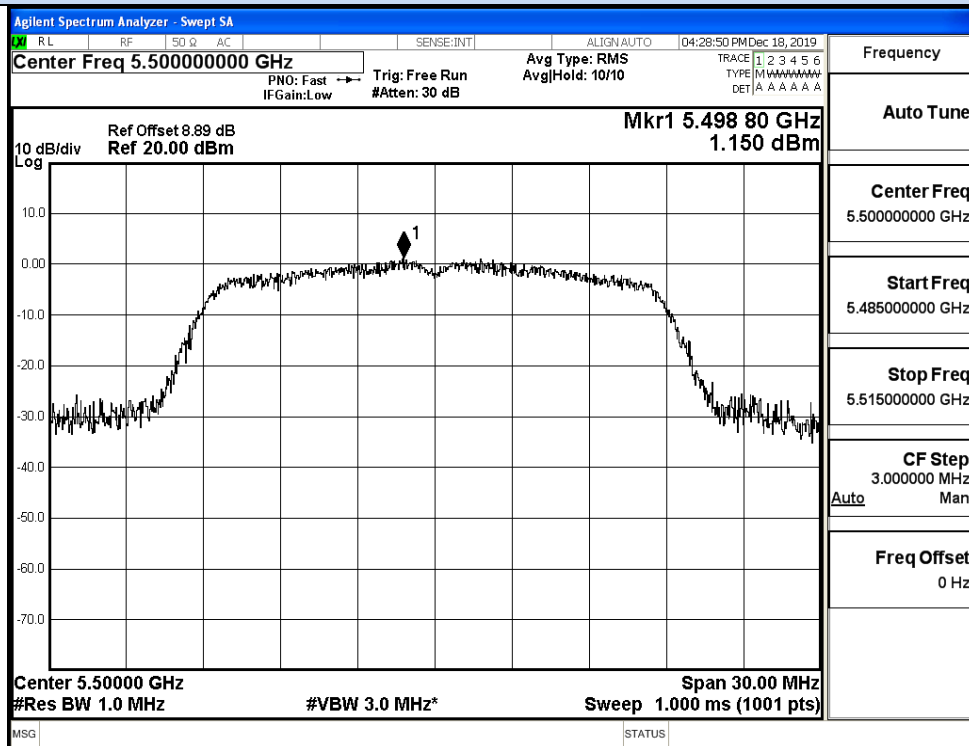


IEEE 802.11n40 / Channel 118 / 5590MHz_Ant0

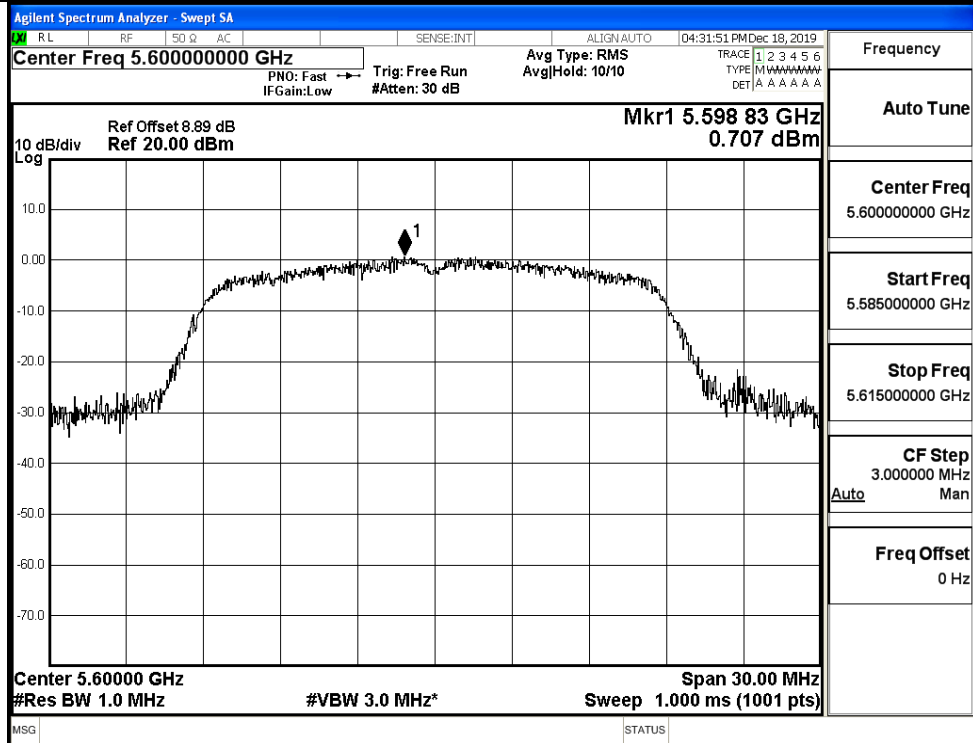


IEEE 802.11n40 / Channel 134 / 5670MHz_Ant0

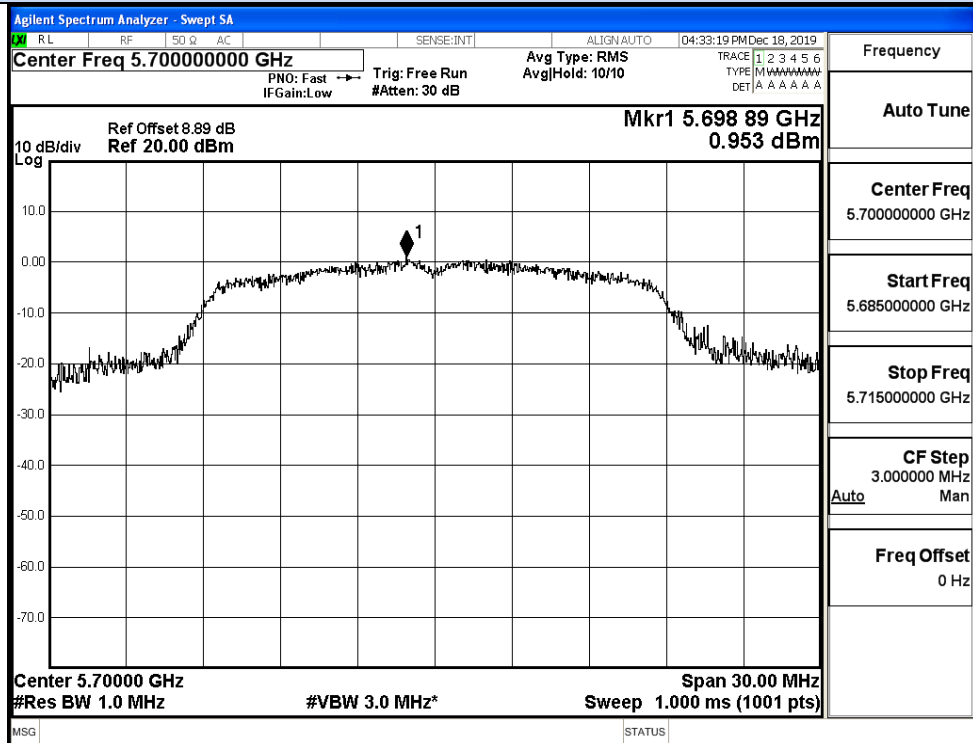
Power Spectral Density_Ant0



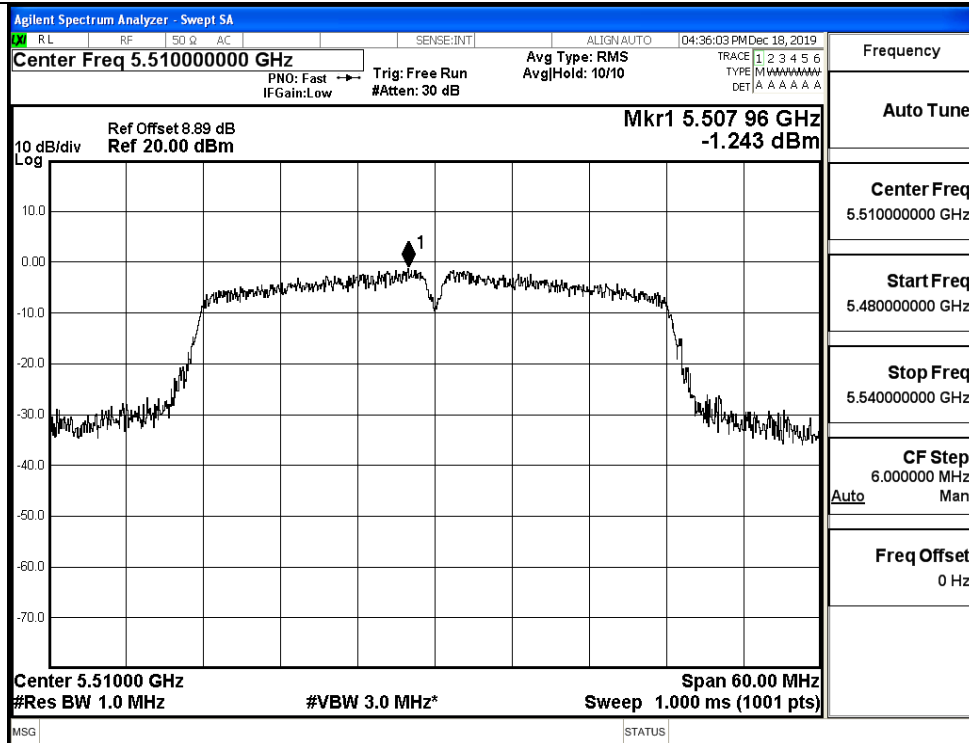
IEEE 802.11ac20 / Channel 100 / 5500MHz_Ant0



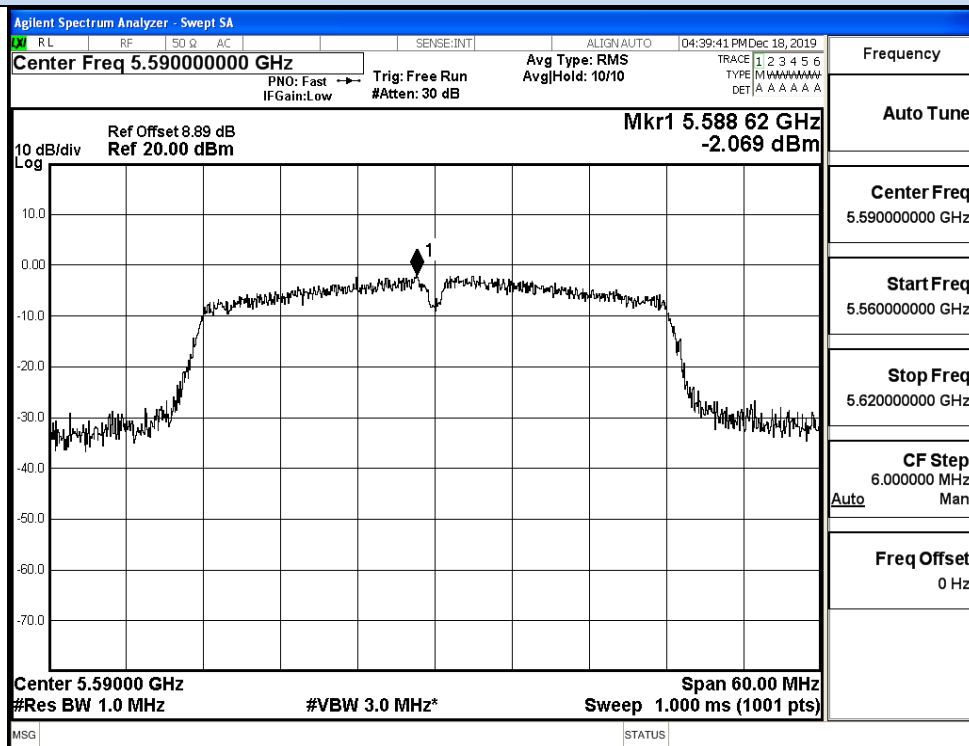
IEEE 802.11ac20 / Channel 120 / 5600MHz_Ant0



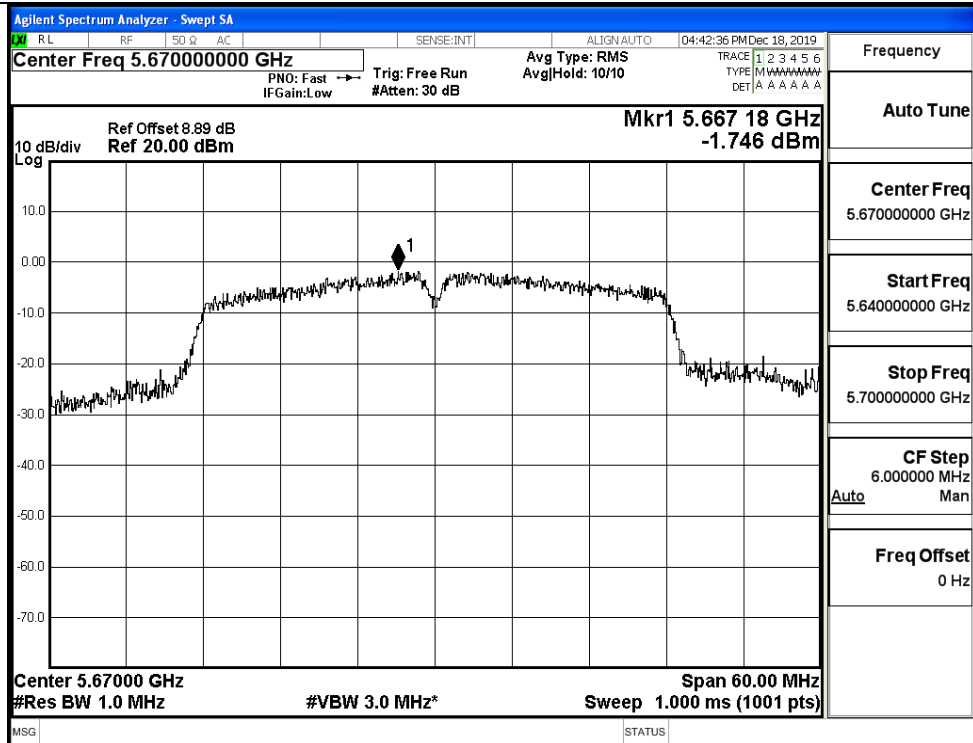
IEEE 802.11ac20 / Channel 140 / 5700MHz_Ant0



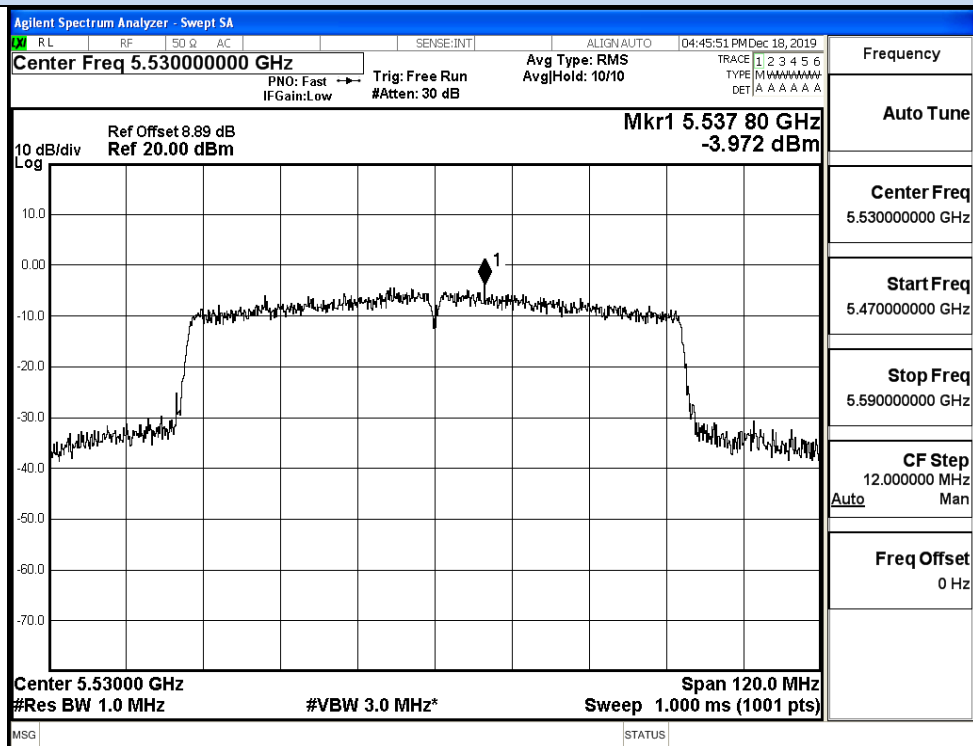
IEEE 802.11ac40 / Channel 102 / 5510MHz_Ant0



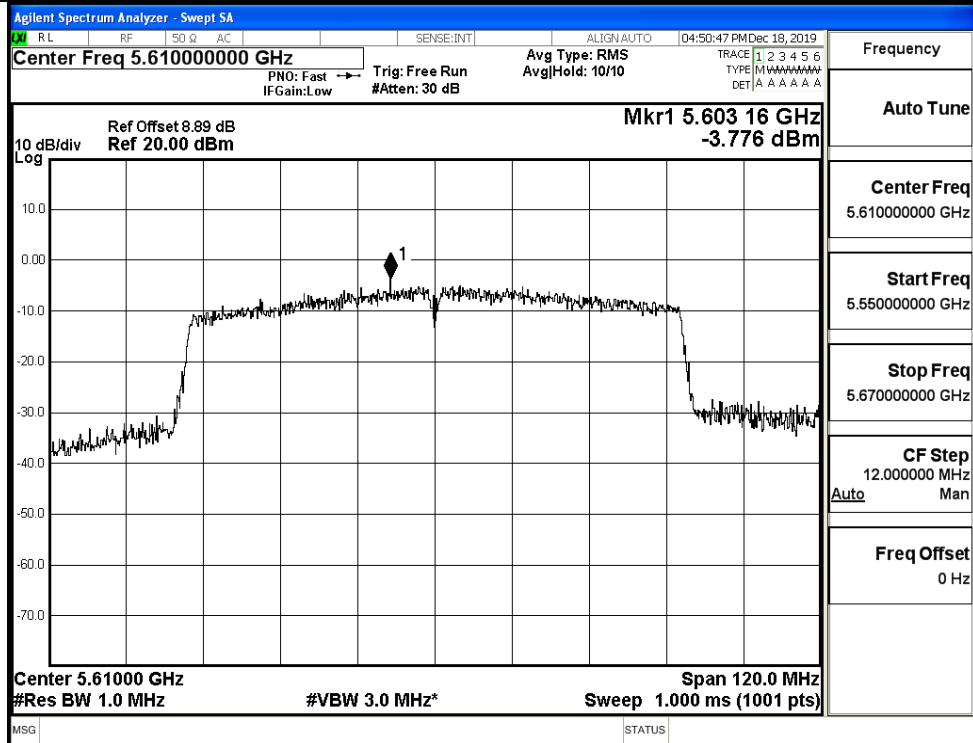
IEEE 802.11ac40 / Channel 118 / 5590MHz_Ant0



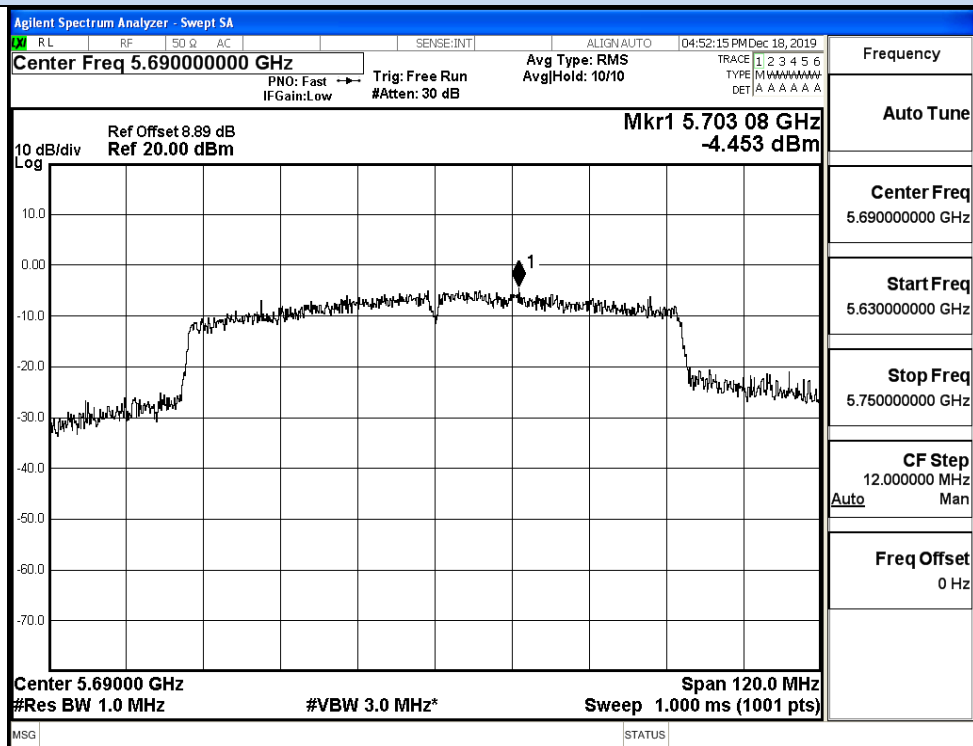
IEEE 802.11ac40 / Channel 134 / 5670MHz_Ant0



IEEE 802.11ac80 / Channel 106 / 5530MHz_Ant0

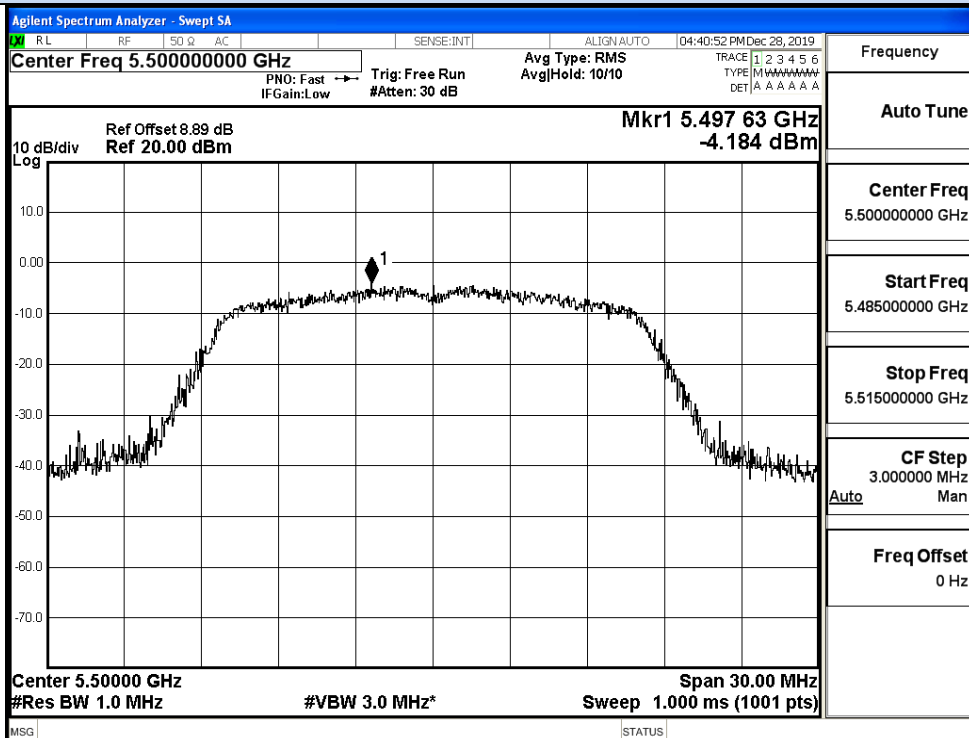


IEEE 802.11ac80 / Channel 122 / 5610MHz_Ant0

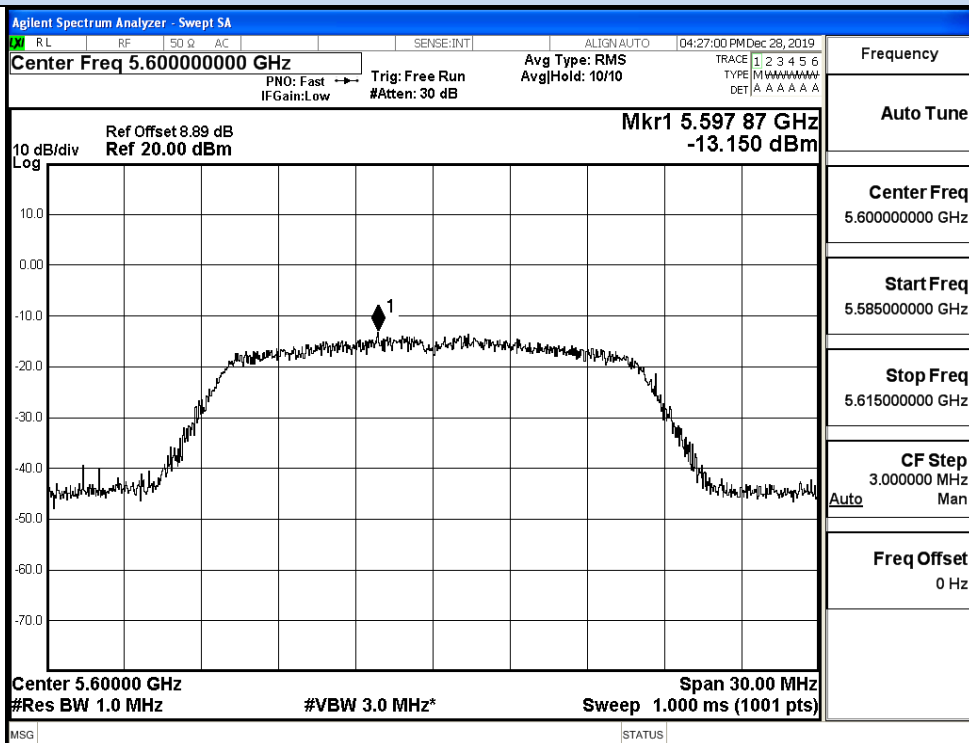


IEEE 802.11ac80 / Channel 138 / 5690MHz_Ant0

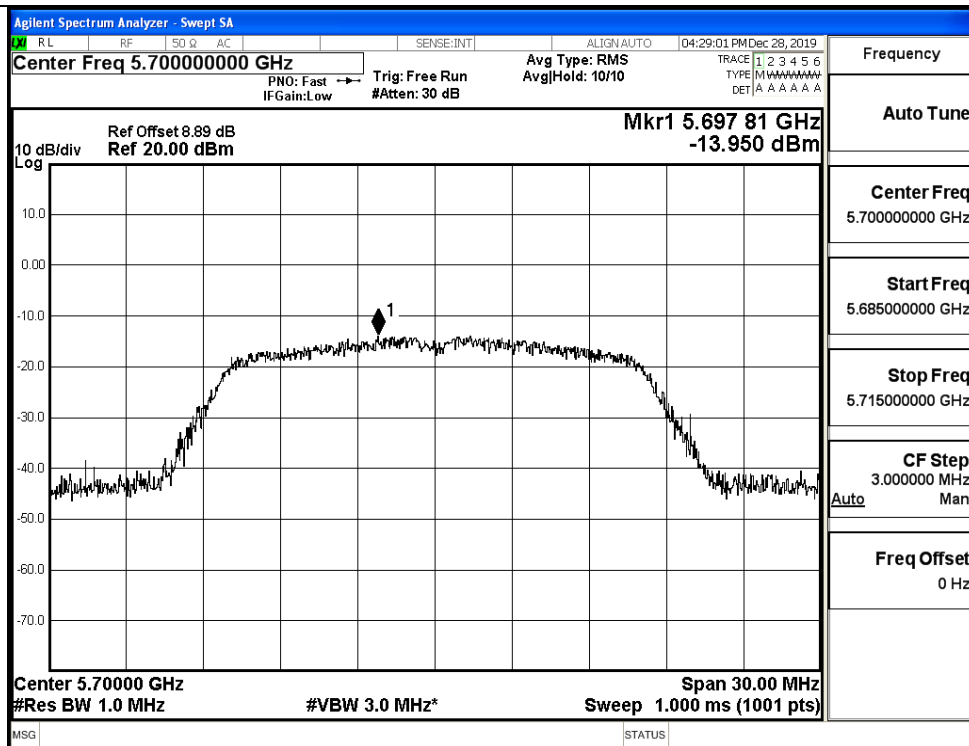
Power Spectral Density_Ant1



IEEE 802.11a / Channel 100 / 5500MHz_Ant1

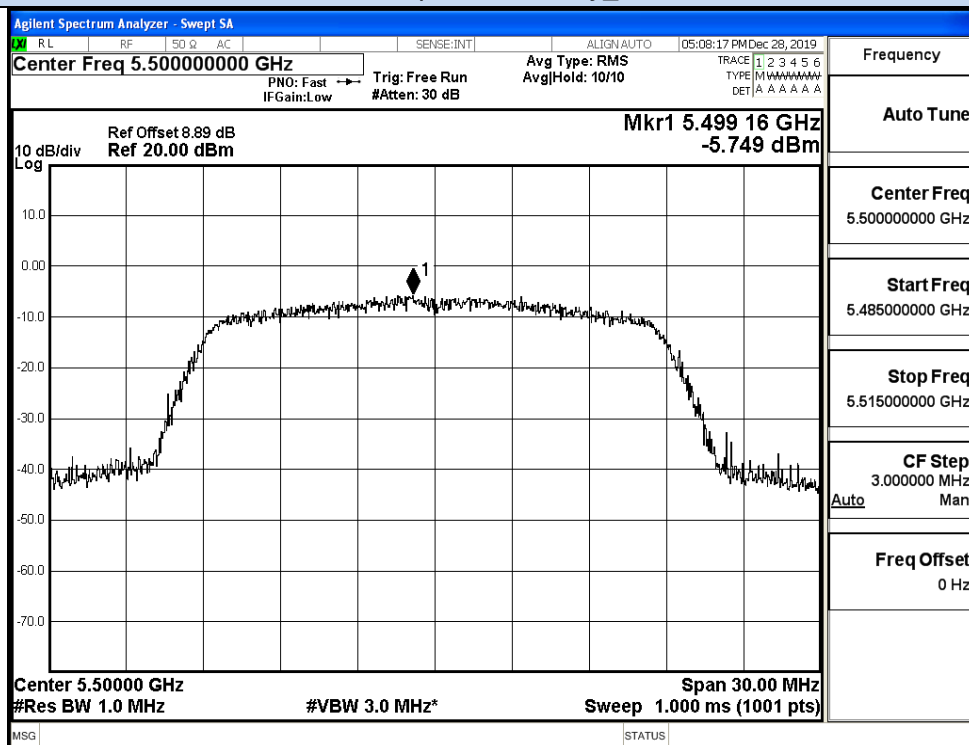


IEEE 802.11a / Channel 120 / 5600MHz_Ant1

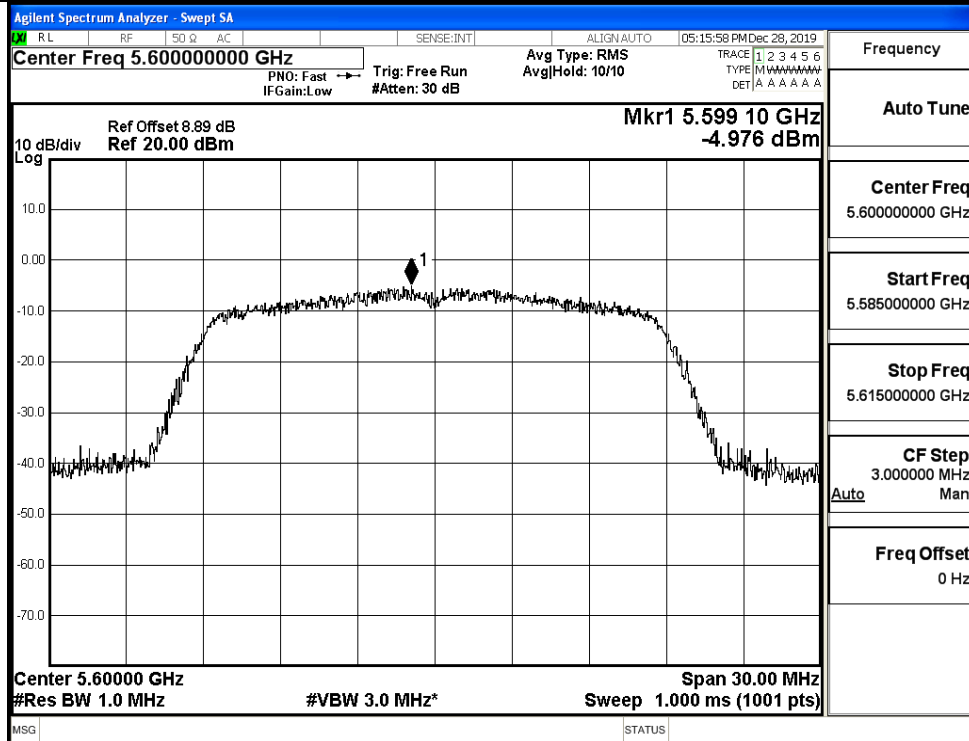


IEEE 802.11a / Channel 140 / 5700MHz_Ant1

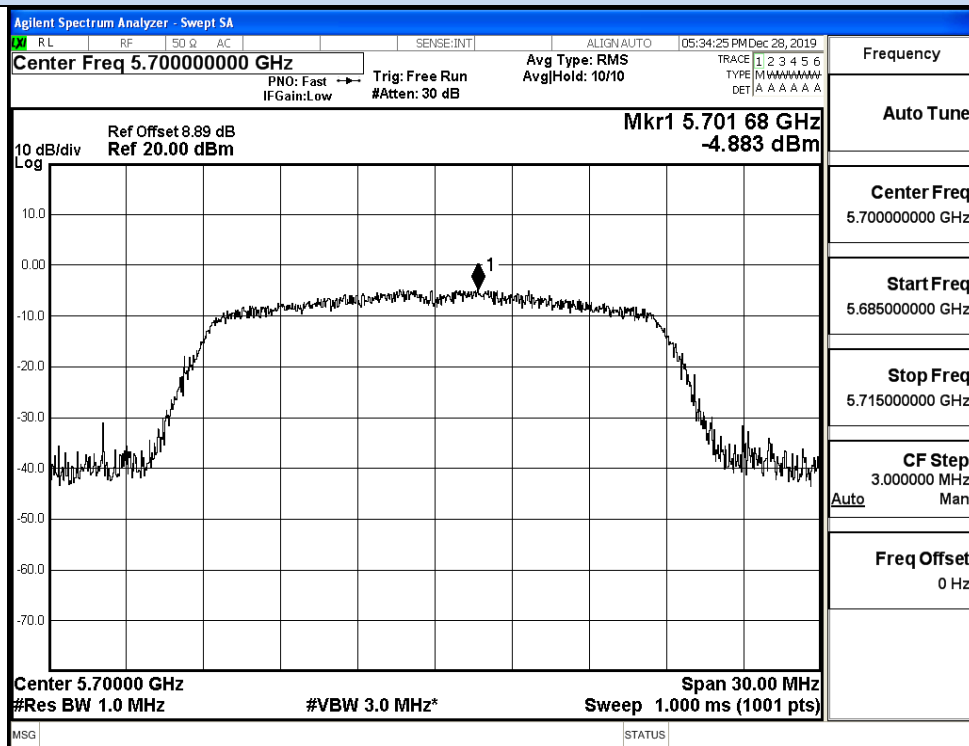
Power Spectral Density_Ant1



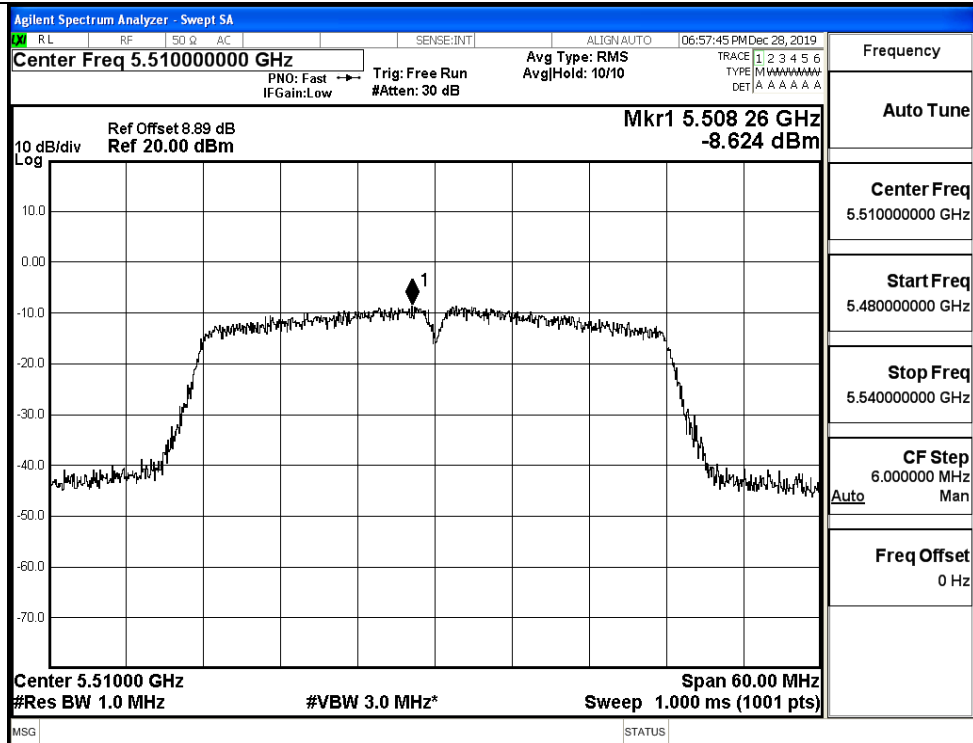
IEEE 802.11n20 / Channel 100 / 5500MHz_Ant1



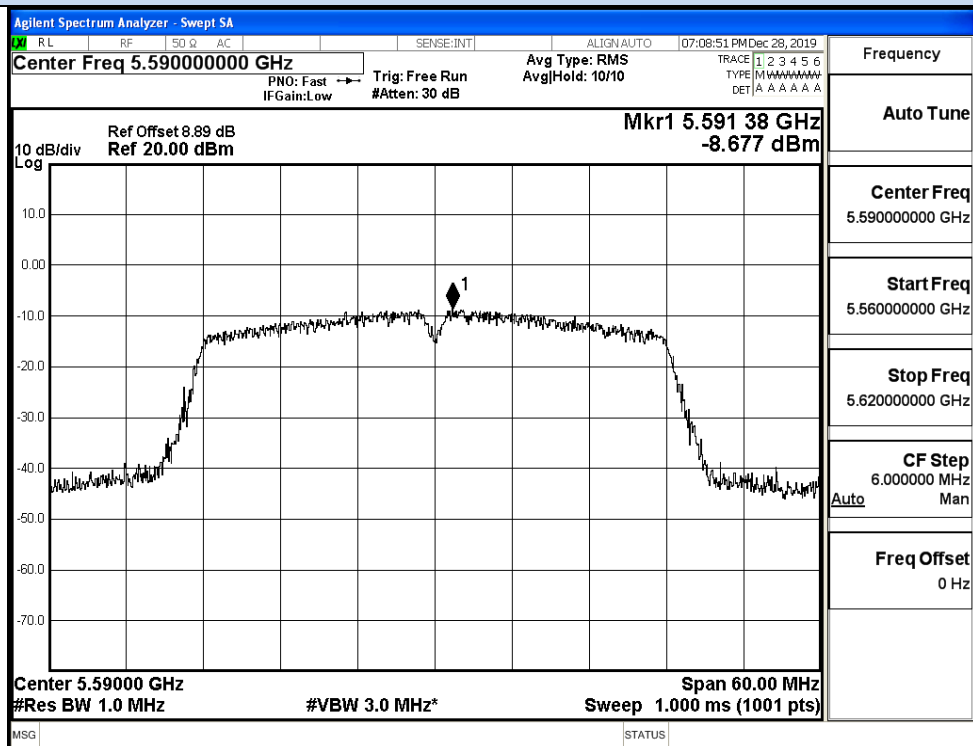
IEEE 802.11n20 / Channel 120 / 5600MHz_Ant1



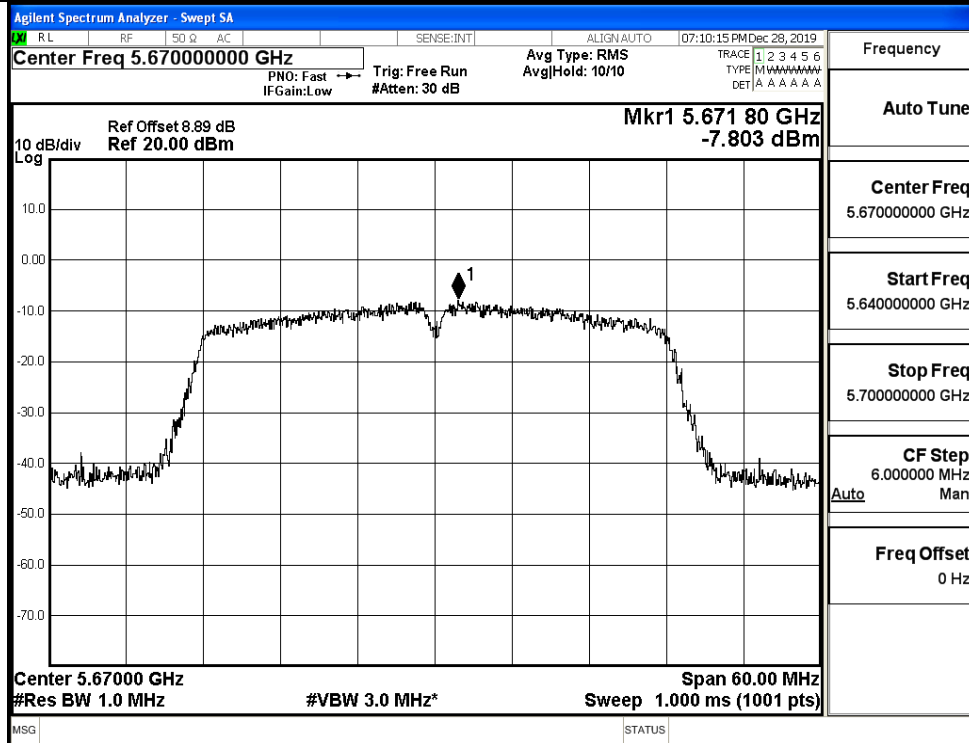
IEEE 802.11n20 / Channel 140 / 5700MHz_Ant1



IEEE 802.11n40 / Channel 102 / 5510MHz_Ant1

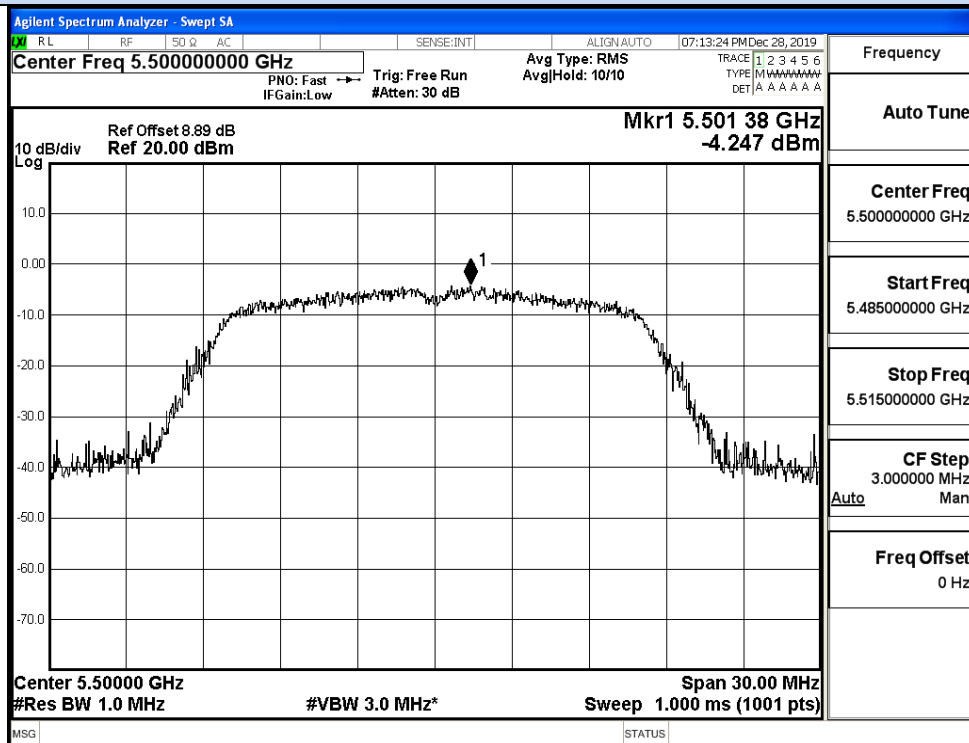


IEEE 802.11n40 / Channel 118 / 5590MHz_Ant1

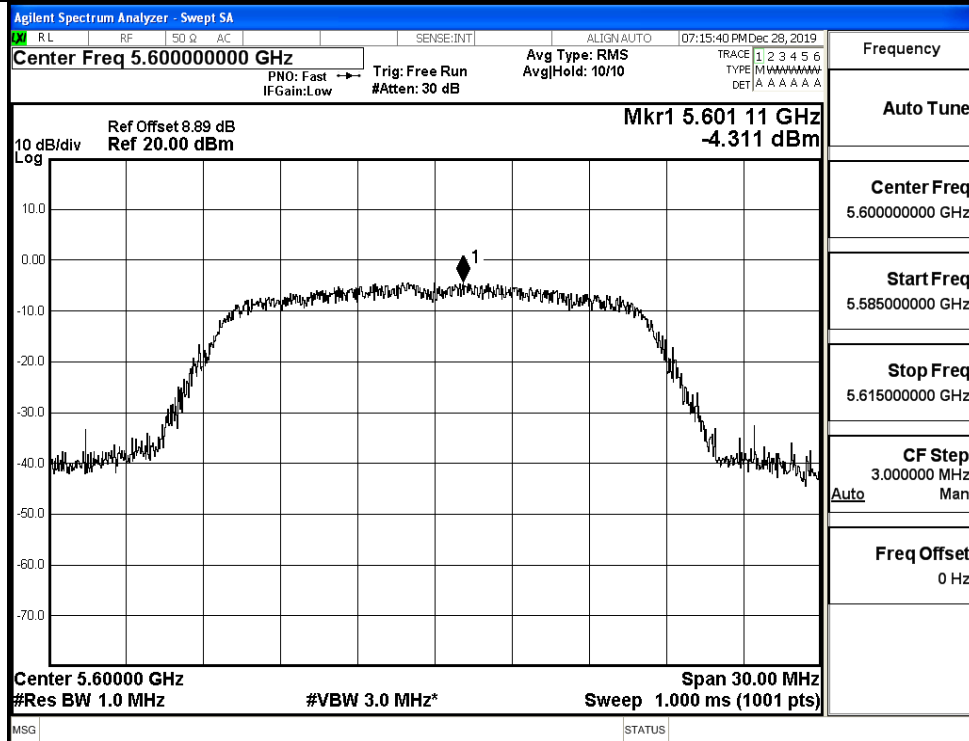


IEEE 802.11n40 / Channel 134 / 5670MHz_Ant1

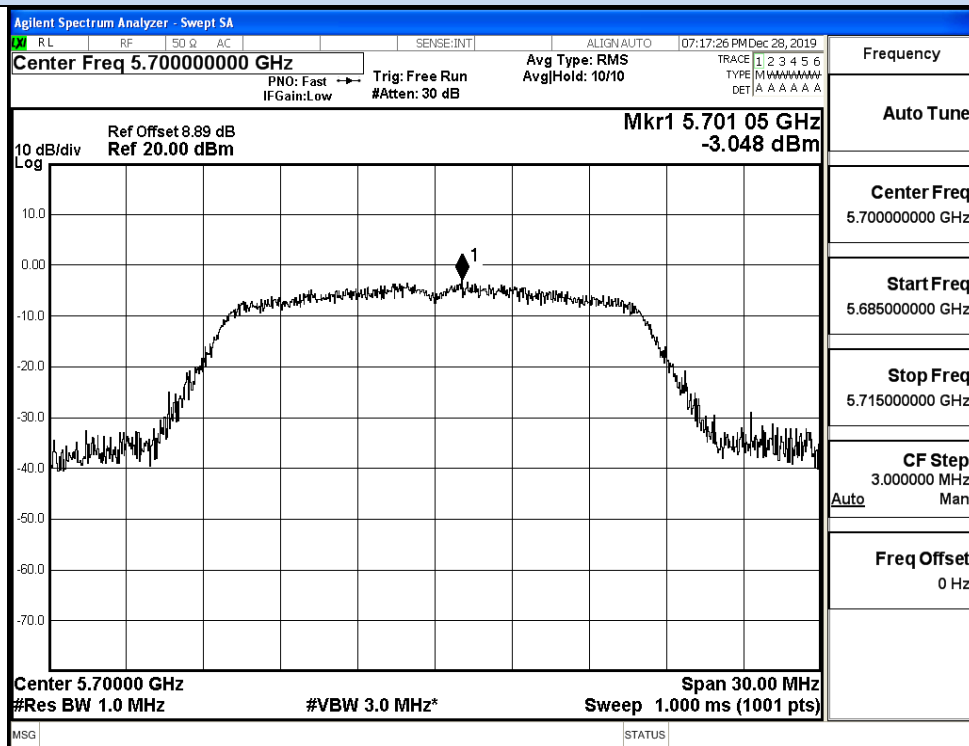
Power Spectral Density_Ant1



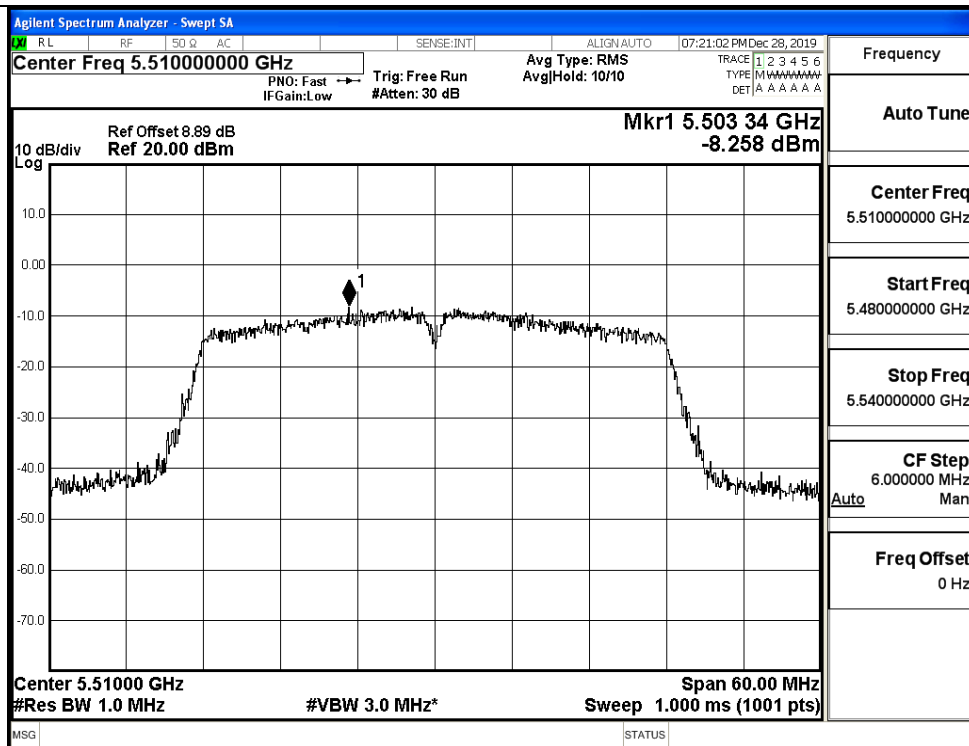
IEEE 802.11ac20 / Channel 100 / 5500MHz_Ant1



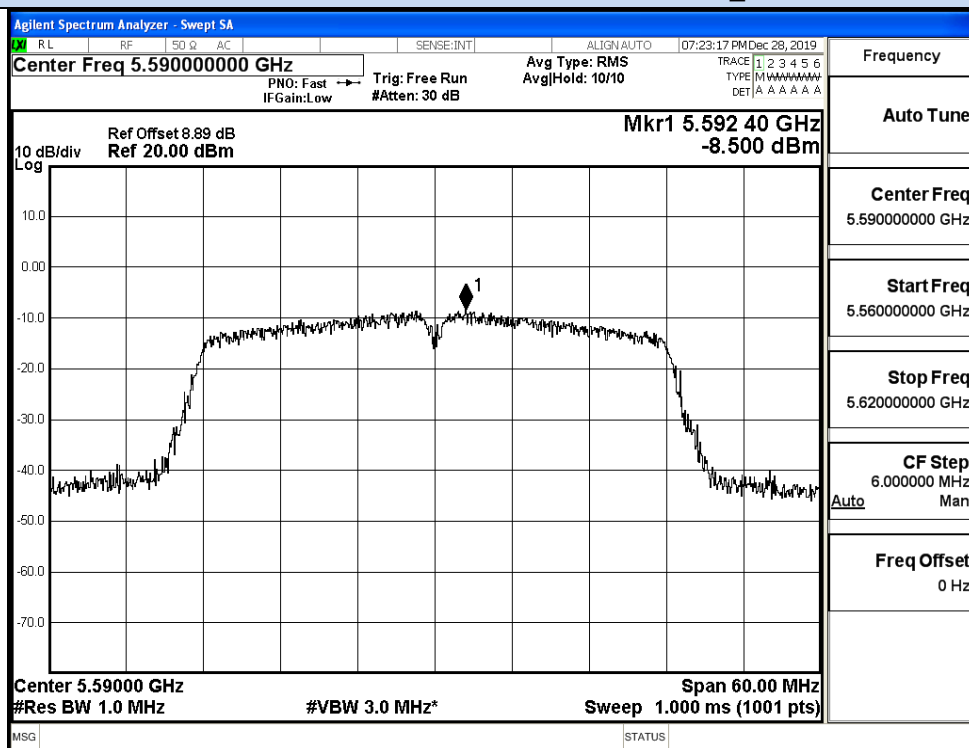
IEEE 802.11ac20 / Channel 120 / 5600MHz_Ant1



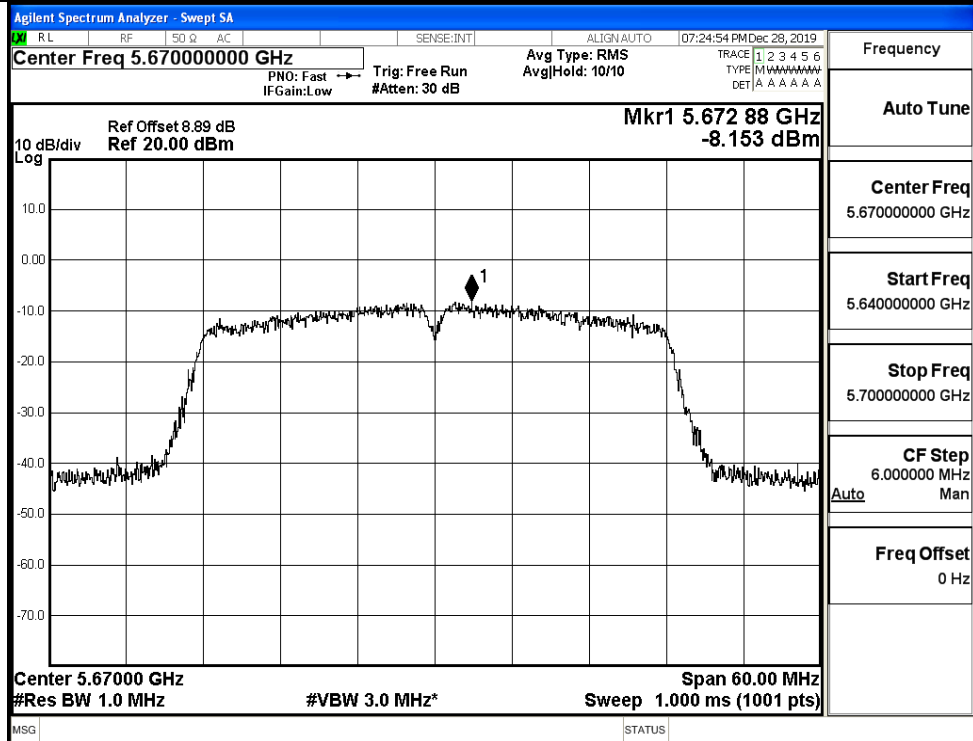
IEEE 802.11ac20 / Channel 140 / 5700MHz_Ant1



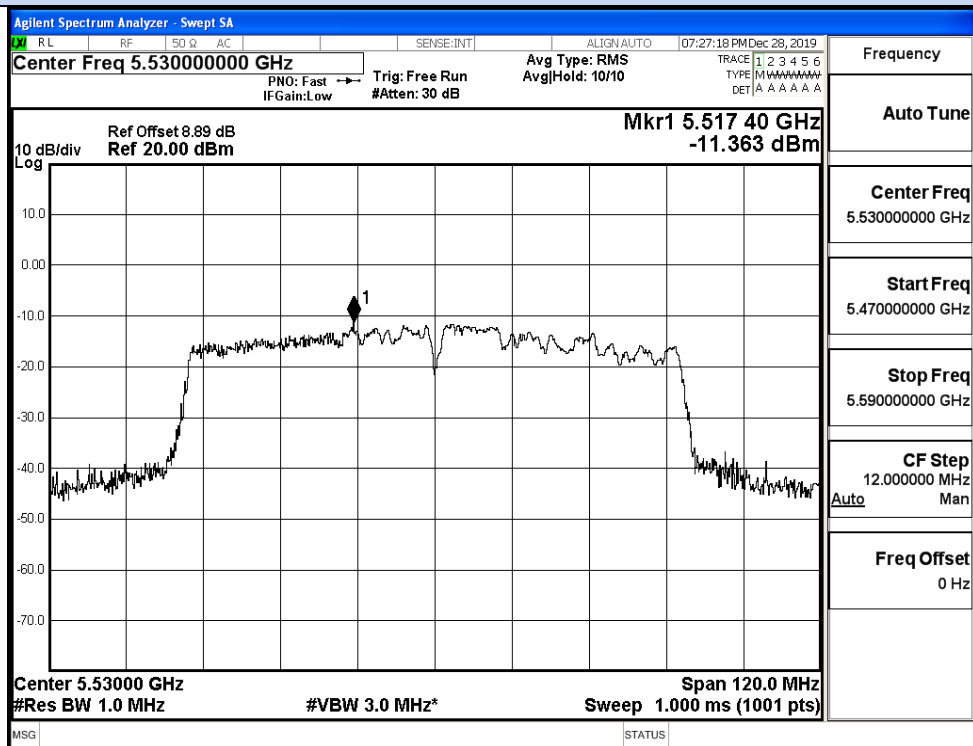
IEEE 802.11ac40 / Channel 102 / 5510MHz_Ant1



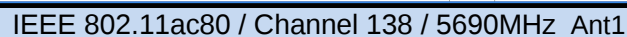
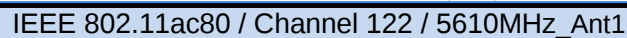
IEEE 802.11ac40 / Channel 118 / 5590MHz_Ant1



IEEE 802.11ac40 / Channel 134 / 5670MHz_Ant1



IEEE 802.11ac80 / Channel 106 / 5530MHz_Ant1



G.4 Emission Bandwidth

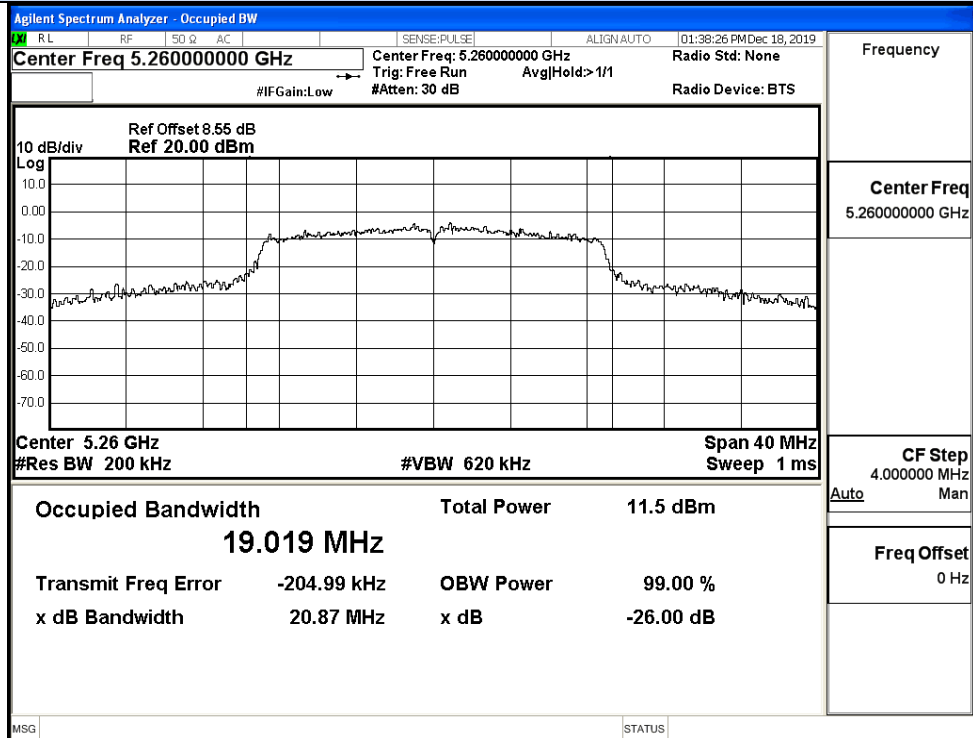
Ant0

Test Mode	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
11A	100	5500	20.87	No Limit	Pass
	120	5600	23.10		Pass
	140	5700	38.26		Pass
11N20 SISO	100	5500	20.34	No Limit	Pass
	120	5600	20.09		Pass
	140	5700	39.66		Pass
11N40 SISO	102	5510	40.12	No Limit	Pass
	118	5590	40.29		Pass
	134	5670	72.46		Pass
11AC20 SISO	100	5500	20.10	No Limit	Pass
	120	5600	19.72		Pass
	140	5700	37.78		Pass
11AC40 SISO	102	5510	41.97	No Limit	Pass
	118	5590	46.73		Pass
	134	5670	68.82		Pass
11AC80 SISO	106	5530	91.42	No Limit	Pass
	122	5610	103.6		Pass
	138	5690	138.8		Pass

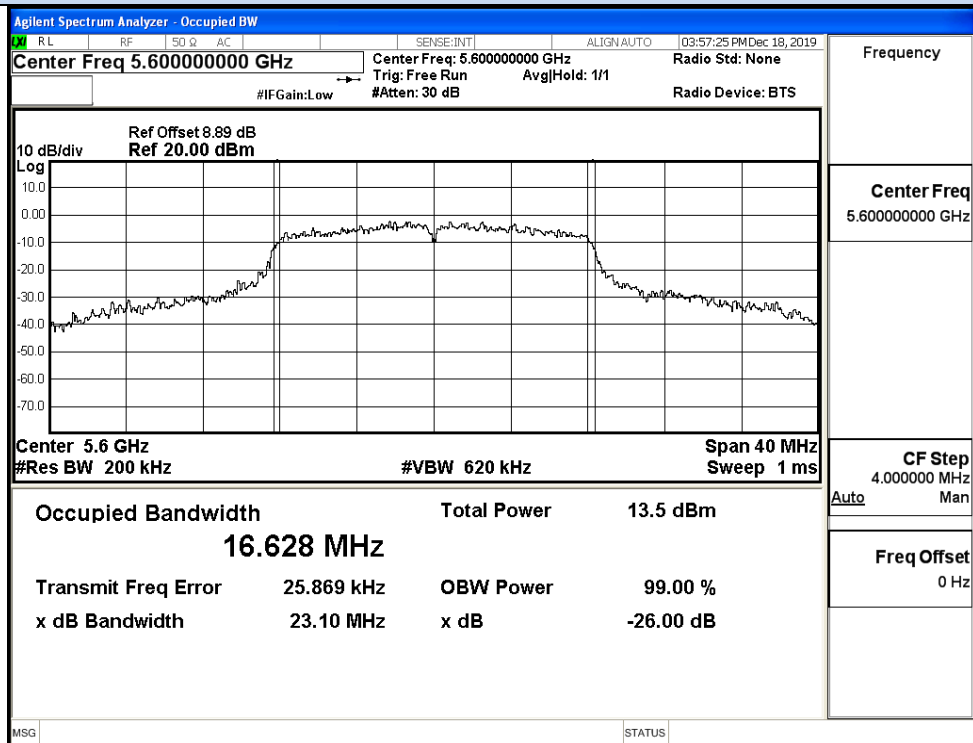
Ant0

Test Mode	Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
11A	100	5500	21.00	No Limit	Pass
	120	5600	20.18		Pass
	140	5700	21.68		Pass
11N20 SISO	100	5500	20.19	No Limit	Pass
	120	5600	20.22		Pass
	140	5700	20.06		Pass
11N40 SISO	102	5510	40.19	No Limit	Pass
	118	5590	40.05		Pass
	134	5670	40.36		Pass
11AC20 SISO	100	5500	19.88	No Limit	Pass
	120	5600	19.91		Pass
	140	5700	20.20		Pass
11AC40 SISO	102	5510	39.97	No Limit	Pass
	118	5590	39.93		Pass
	134	5670	40.16		Pass
11AC80 SISO	106	5530	84.56	No Limit	Pass
	122	5610	103.1		Pass
	138	5690	110.7		Pass

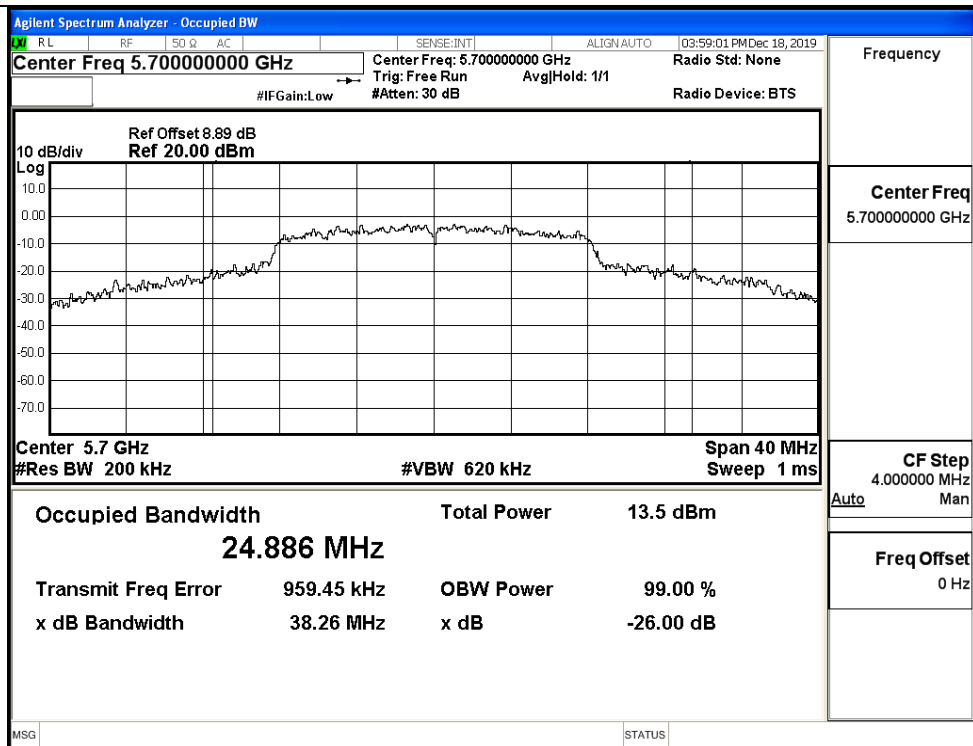
26dB Bandwidth_Ant0



IEEE 802.11a / Channel 100 / 5500MHz_Ant0

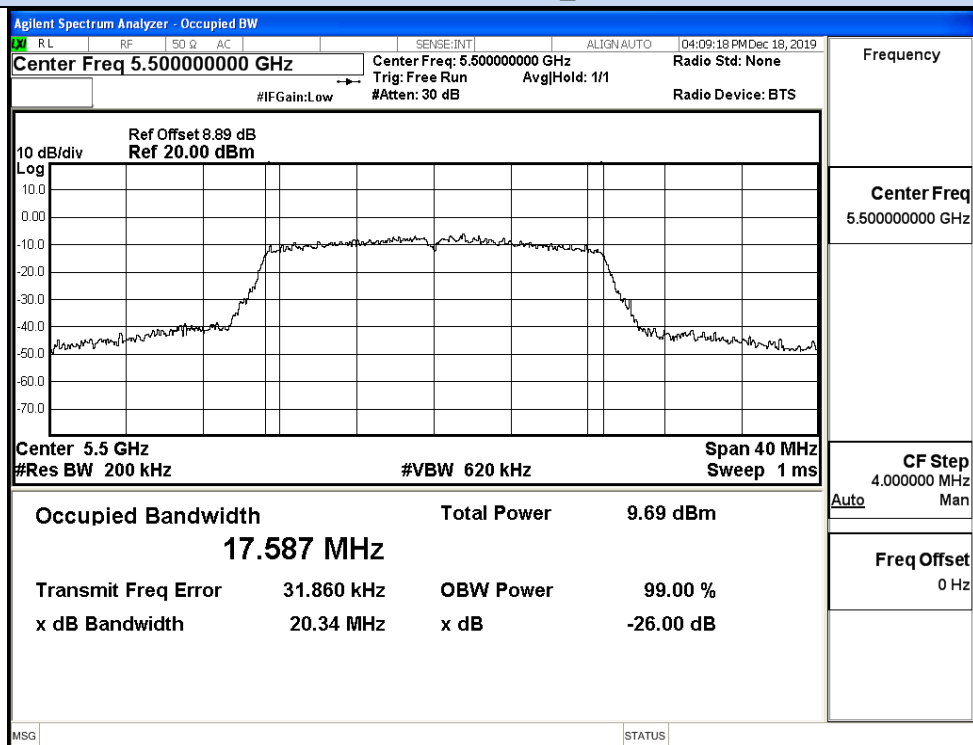


IEEE 802.11a / Channel 120 / 5600MHz_Ant0

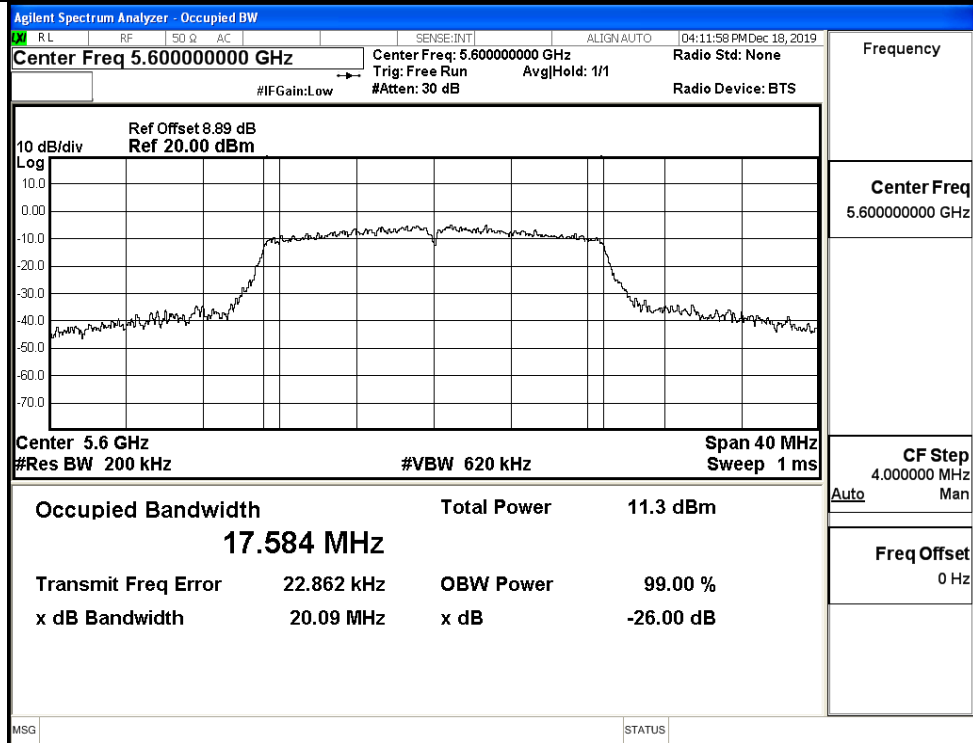


IEEE 802.11a / Channel 140 / 5700MHz_Ant0

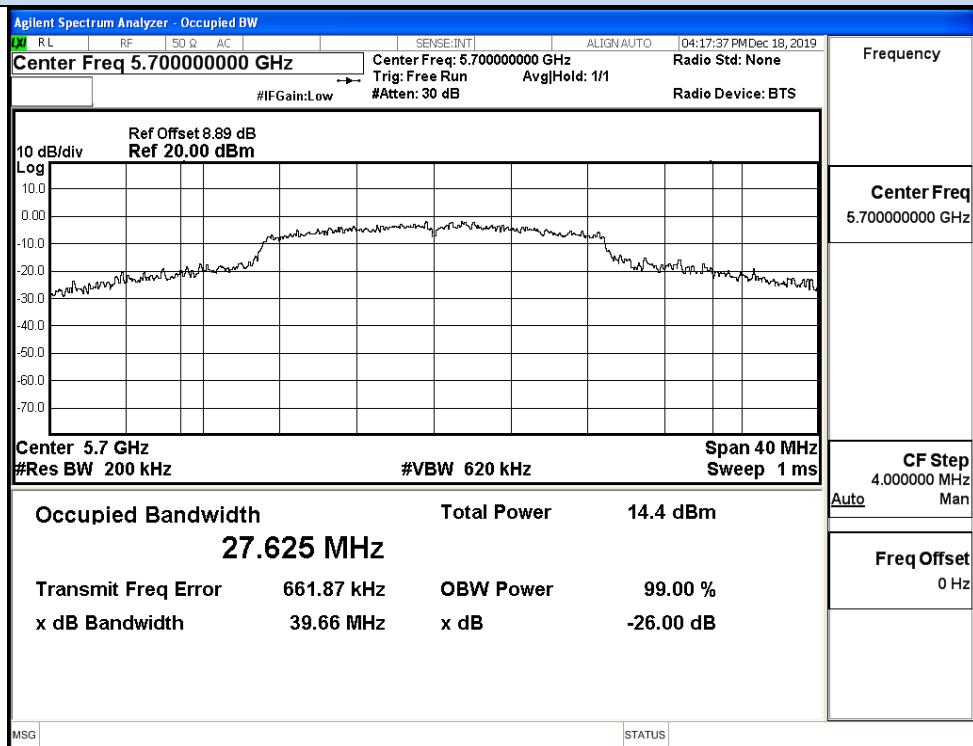
26dB Bandwidth_Ant0



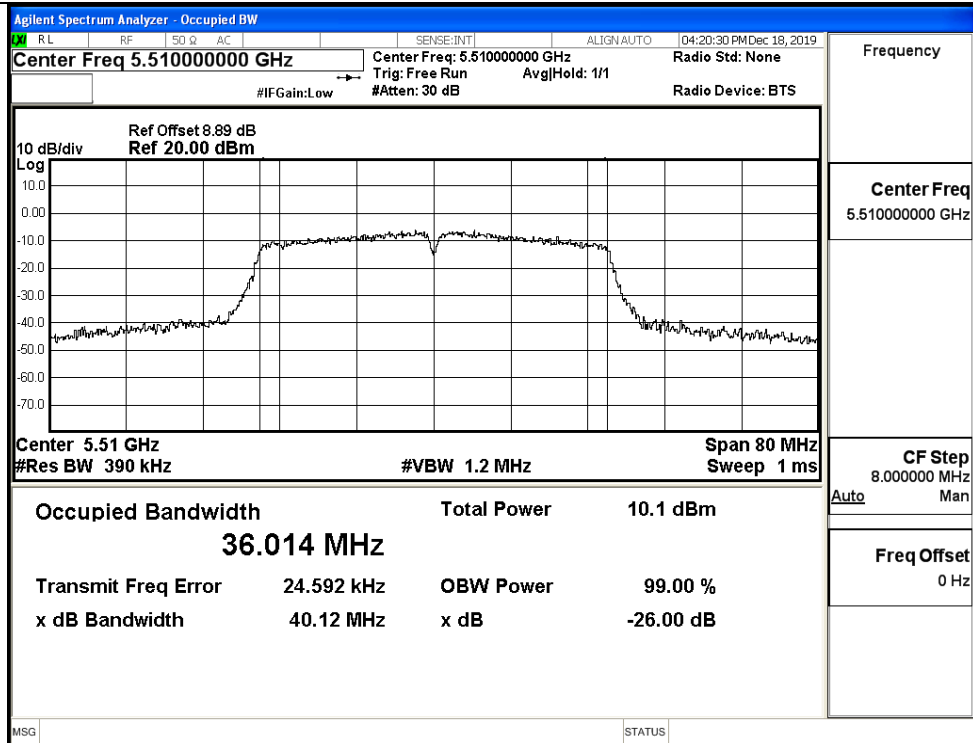
IEEE 802.11n20 / Channel 100 / 5500MHz_Ant0



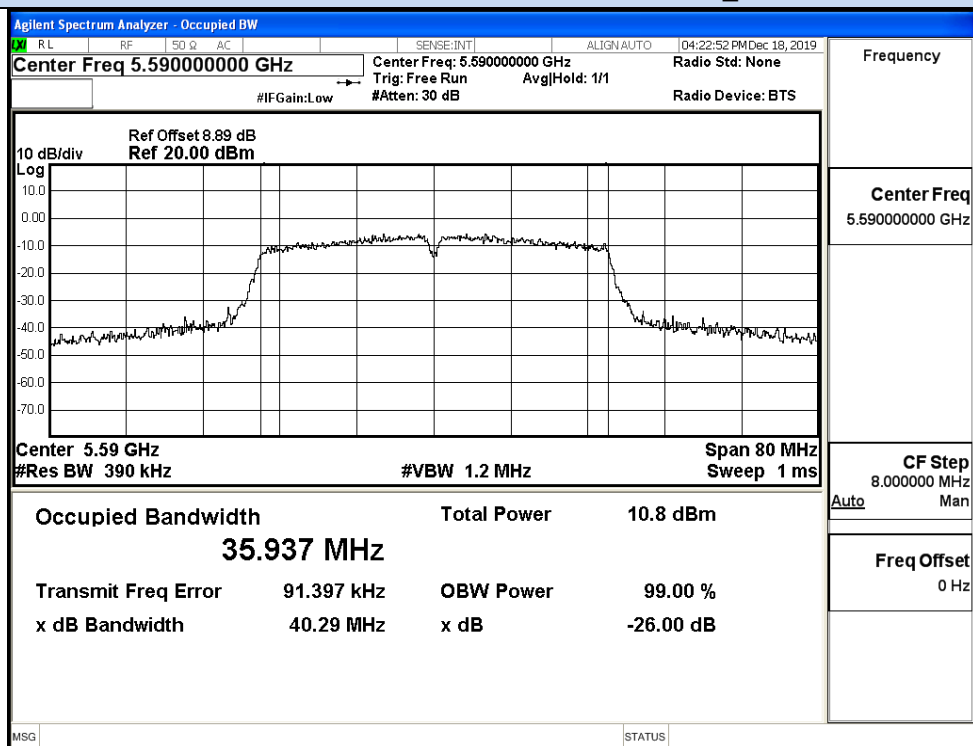
IEEE 802.11n20 / Channel 120 / 5600MHz_Ant0



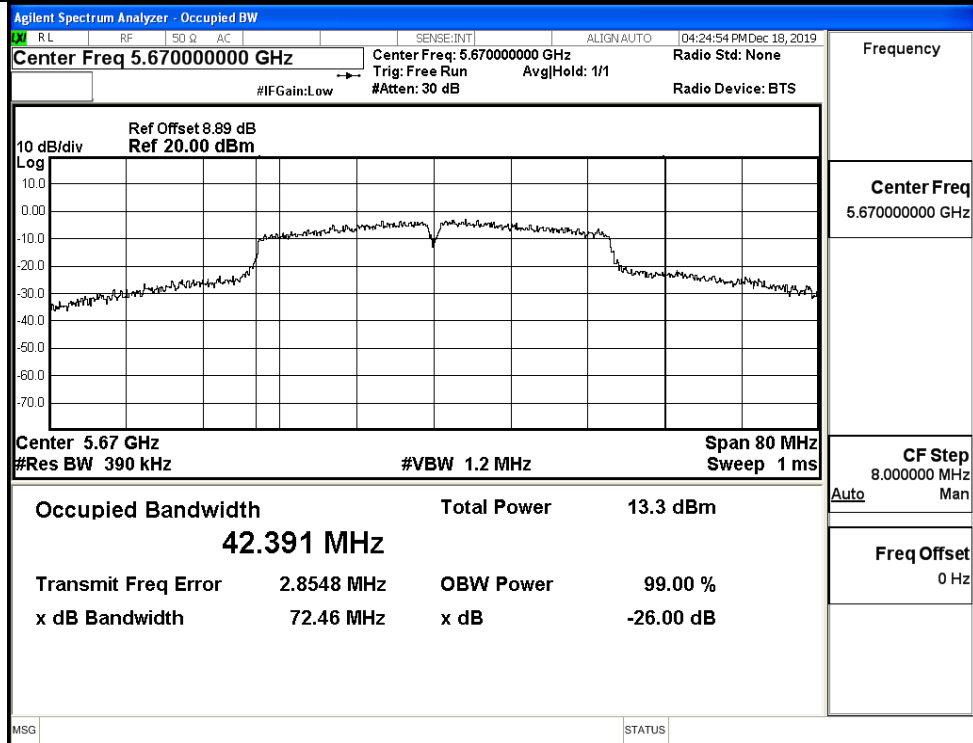
IEEE 802.11n20 / Channel 140 / 5700MHz_Ant0



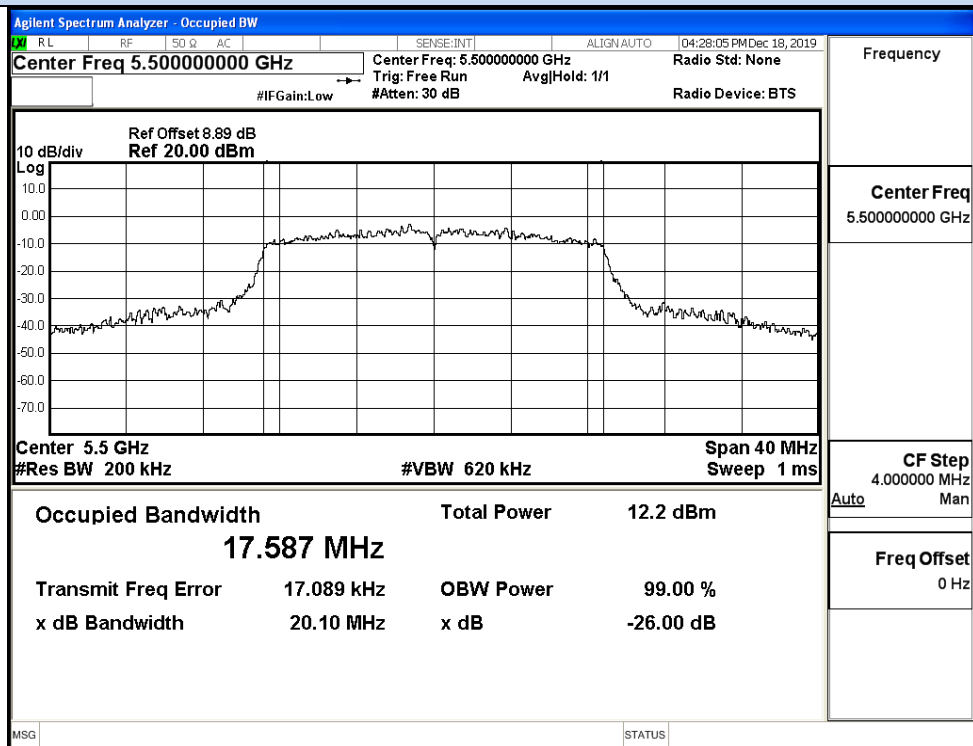
IEEE 802.11n40 / Channel 102 / 5510MHz_Ant0



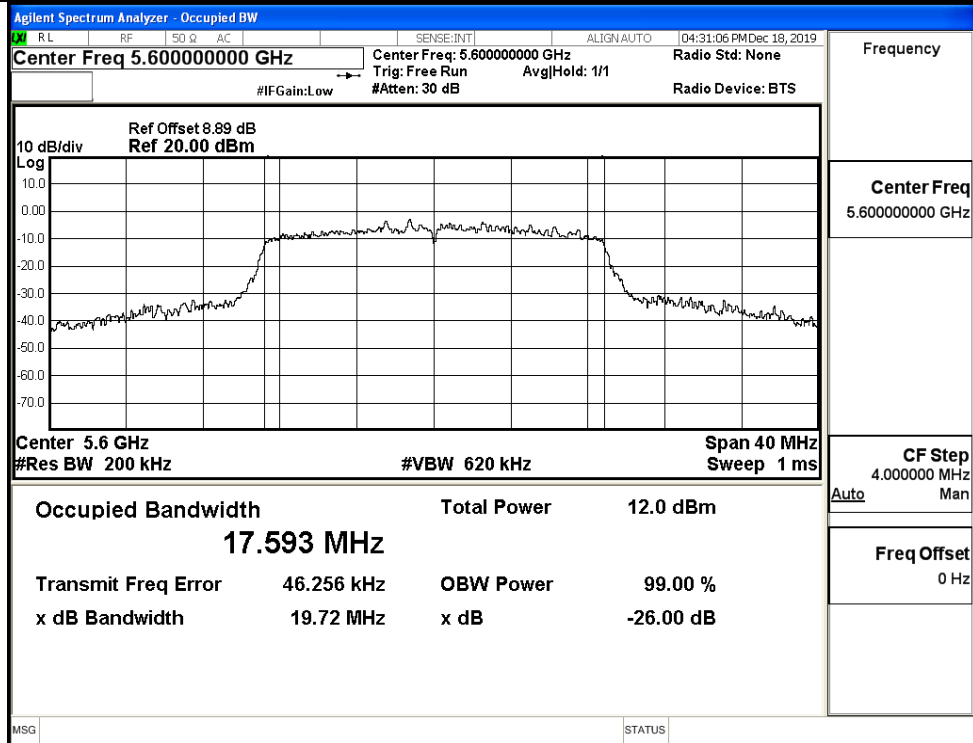
IEEE 802.11n40 / Channel 118 / 5590MHz_Ant0



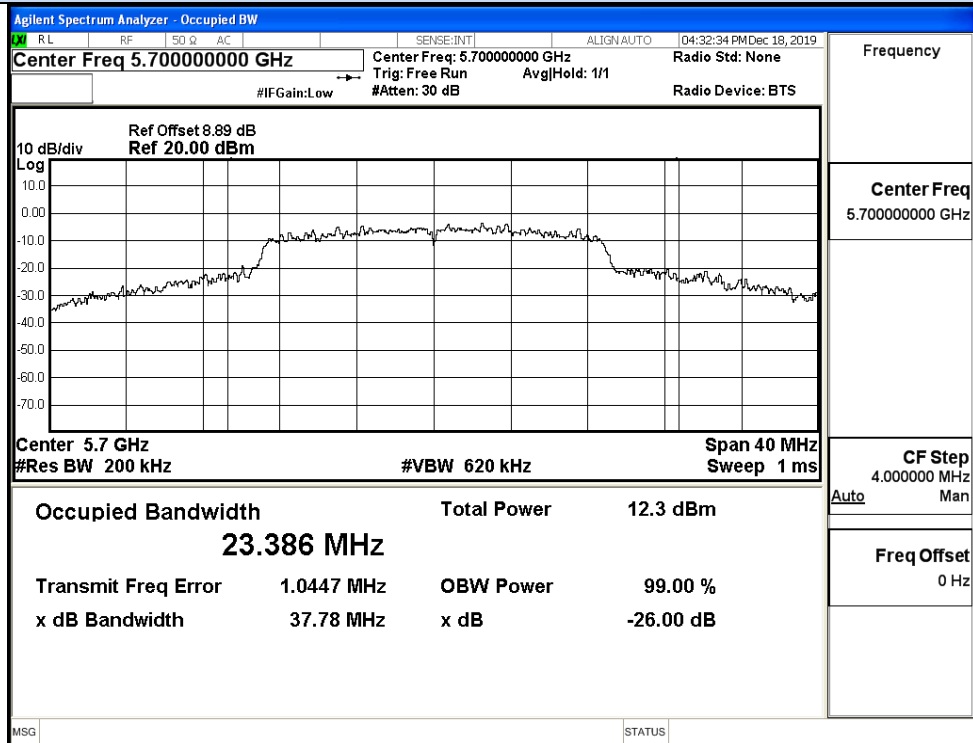
IEEE 802.11n40 / Channel 134 / 5670MHz_Ant0



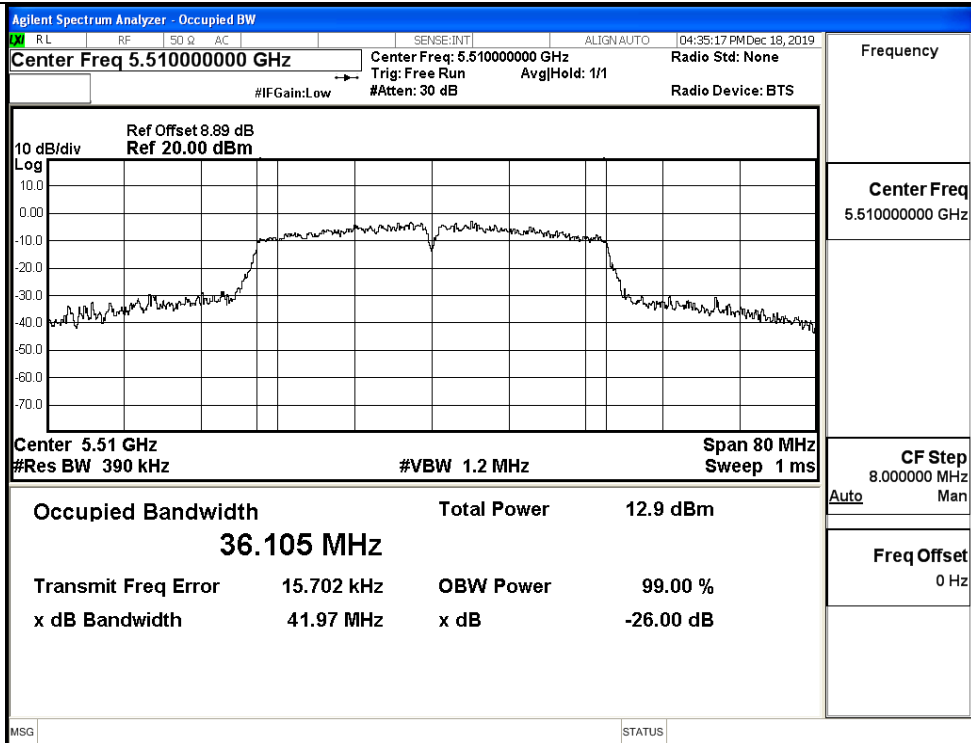
IEEE 802.11ac20 / Channel 100 / 5500MHz_Ant0



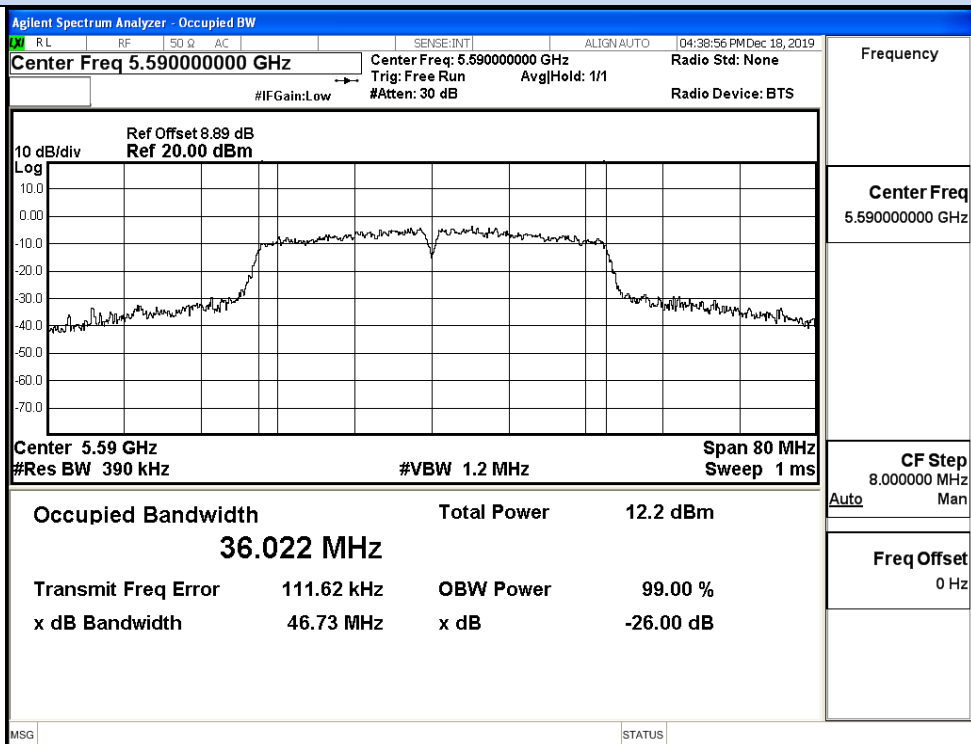
IEEE 802.11ac20 / Channel 120 / 5600MHz_Ant0



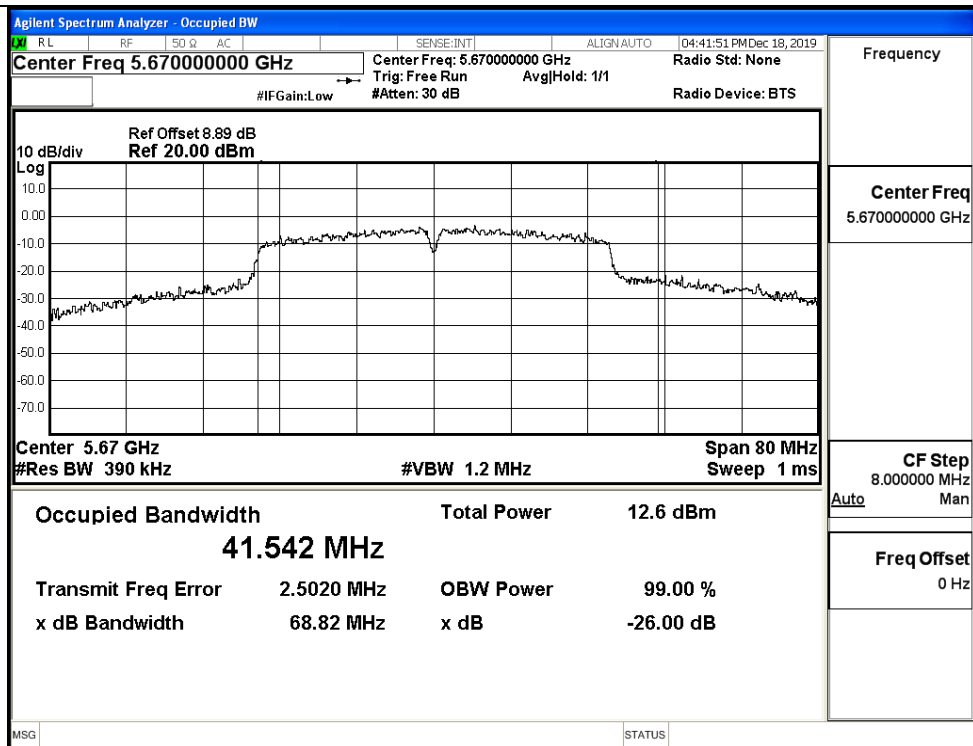
IEEE 802.11ac20 / Channel 140 / 5700MHz_Ant0



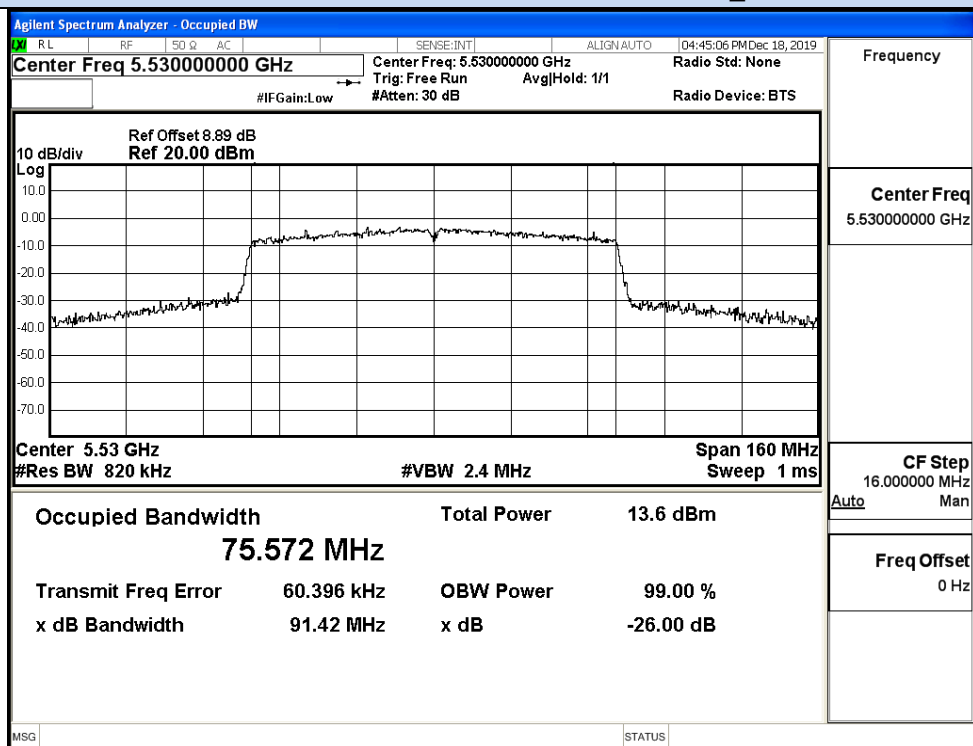
IEEE 802.11ac40 / Channel 102 / 5510MHz_Ant0



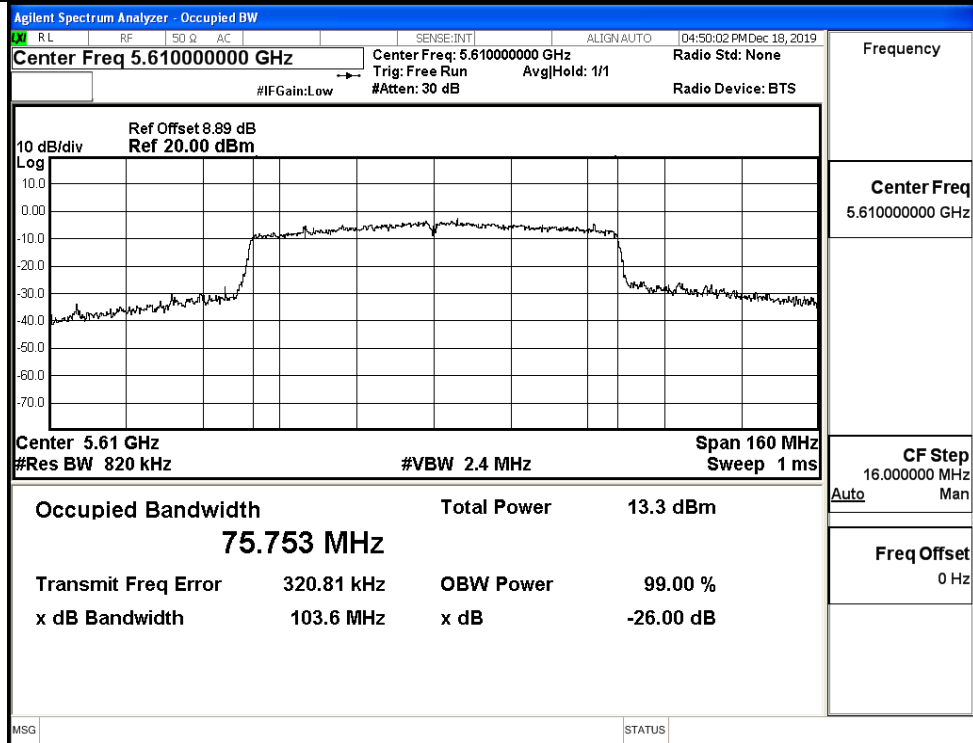
IEEE 802.11ac40 / Channel 118 / 5590MHz_Ant0



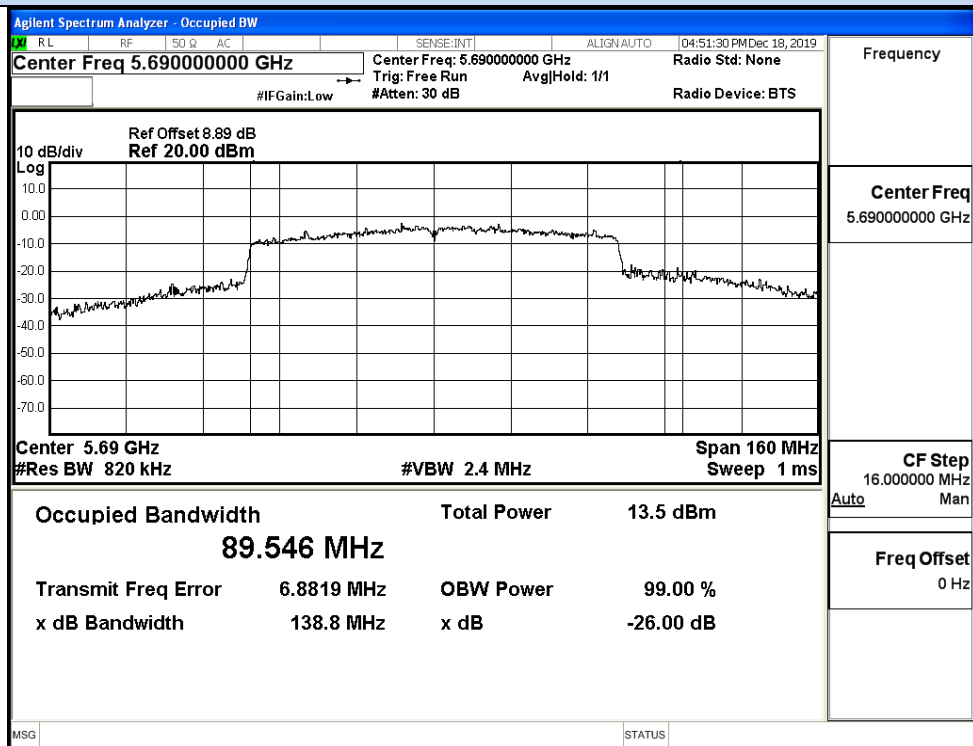
IEEE 802.11ac40 / Channel 134 / 5670MHz_Ant0



IEEE 802.11ac80 / Channel 106 / 5530MHz_Ant0

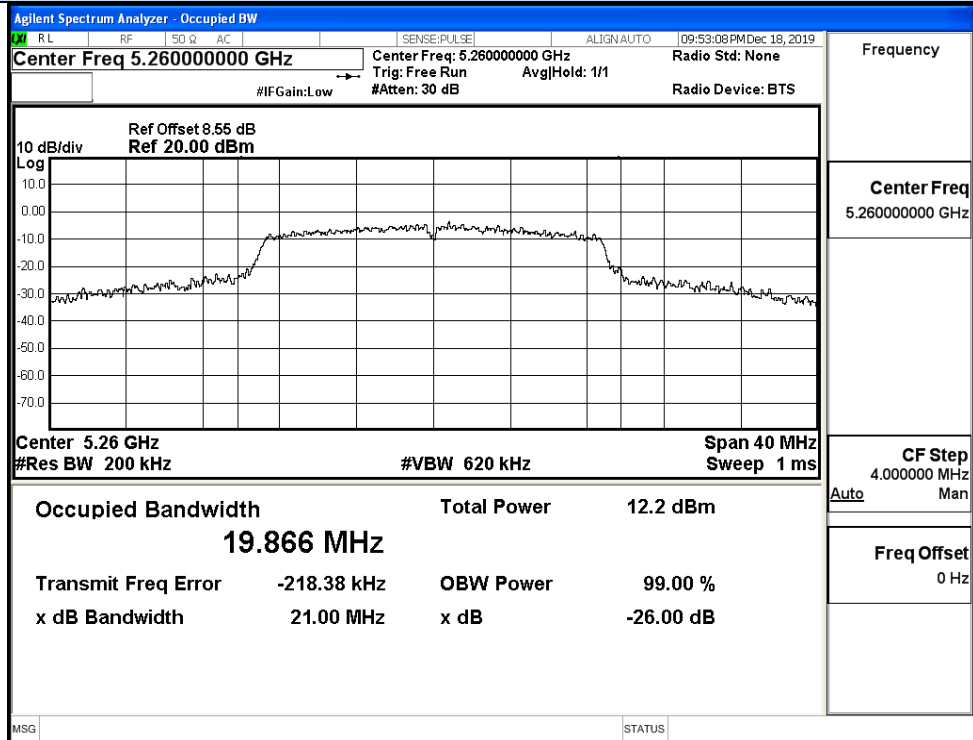


IEEE 802.11ac80 / Channel 122 / 5610MHz_Ant0

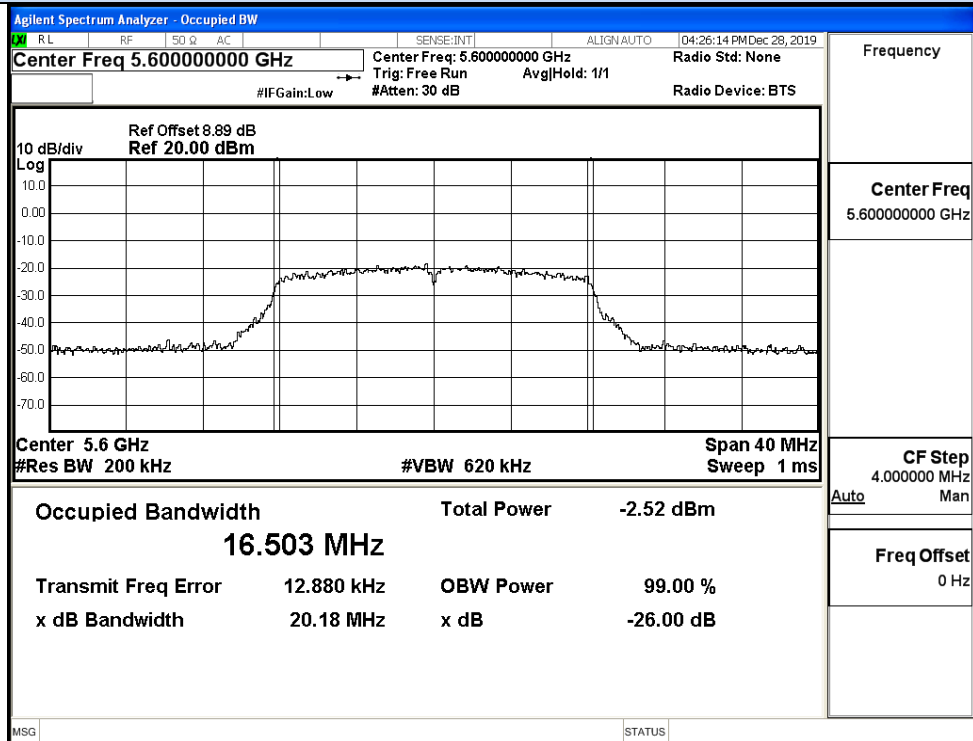


IEEE 802.11ac80 / Channel 138 / 5690MHz_Ant0

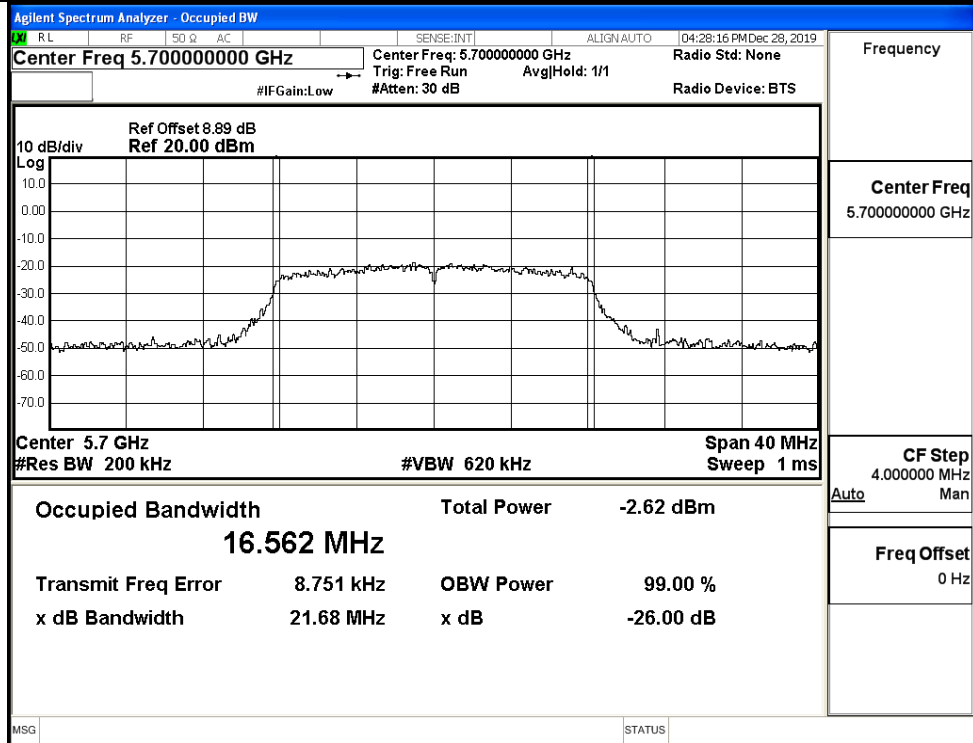
26dB Bandwidth_Ant1



IEEE 802.11a / Channel 100 / 5500MHz_Ant1

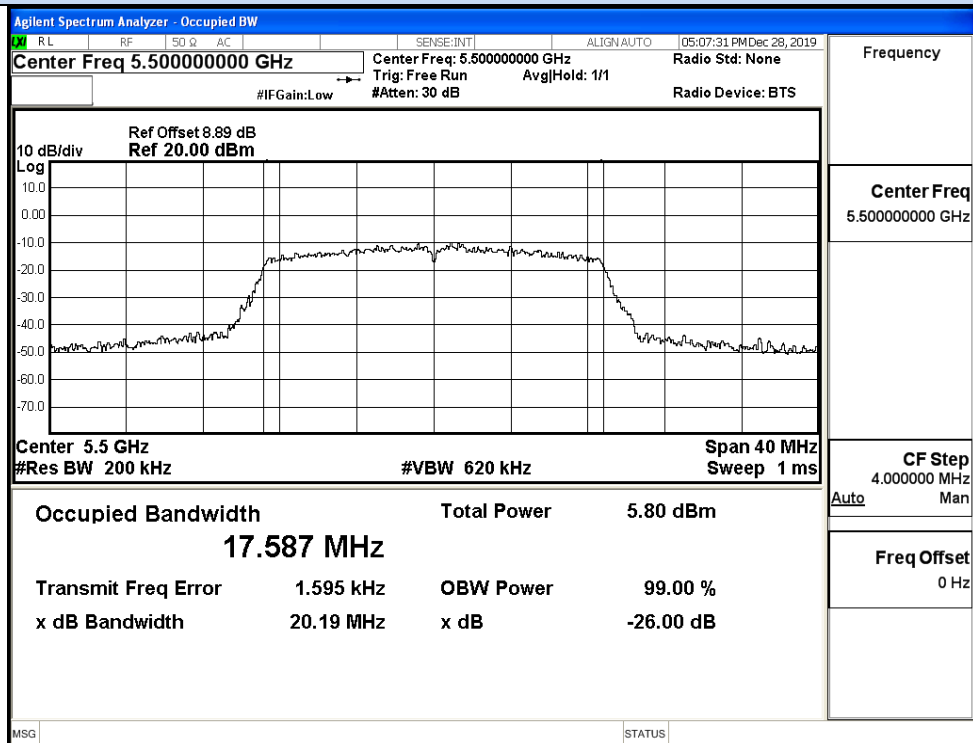


IEEE 802.11a / Channel 120 / 5600MHz_Ant1

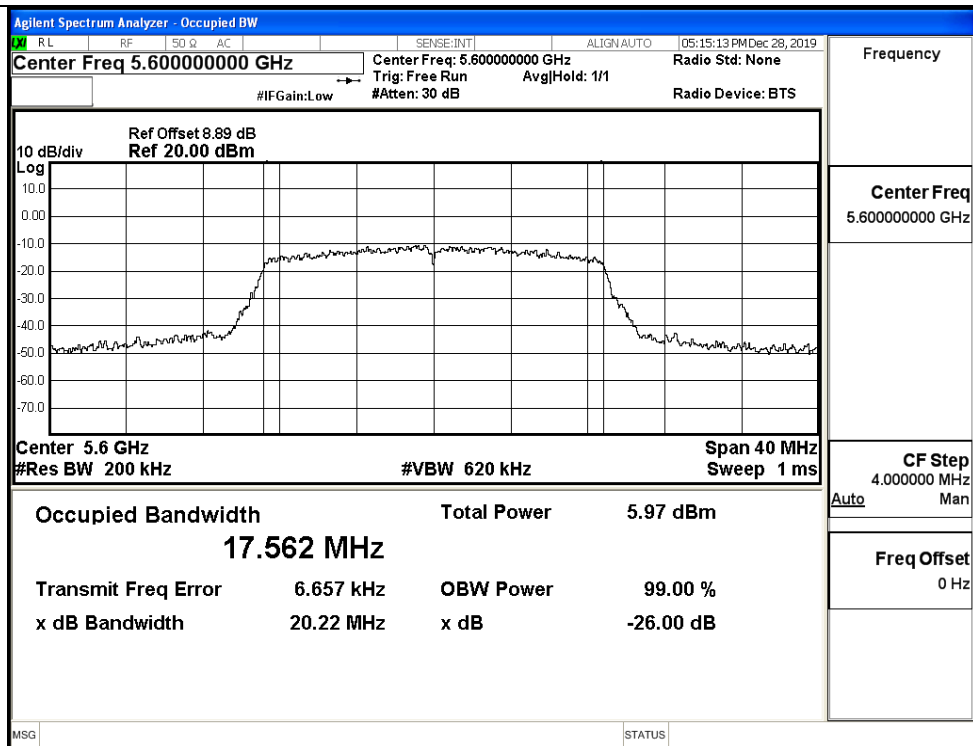


IEEE 802.11a / Channel 140 / 5700MHz_Ant1

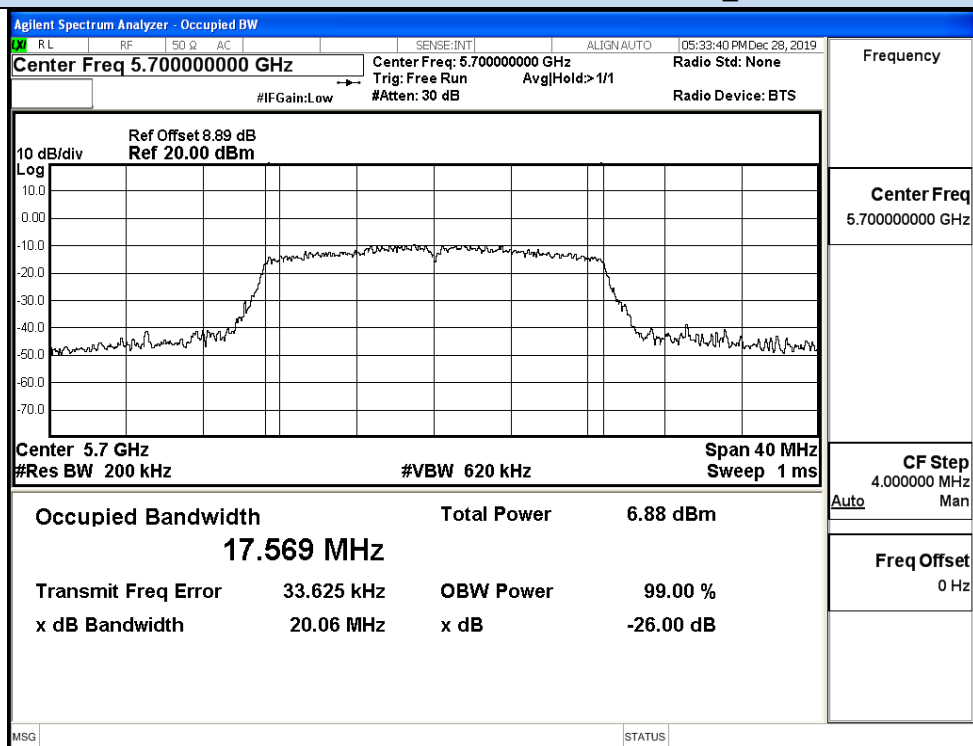
26dB Bandwidth_Ant1



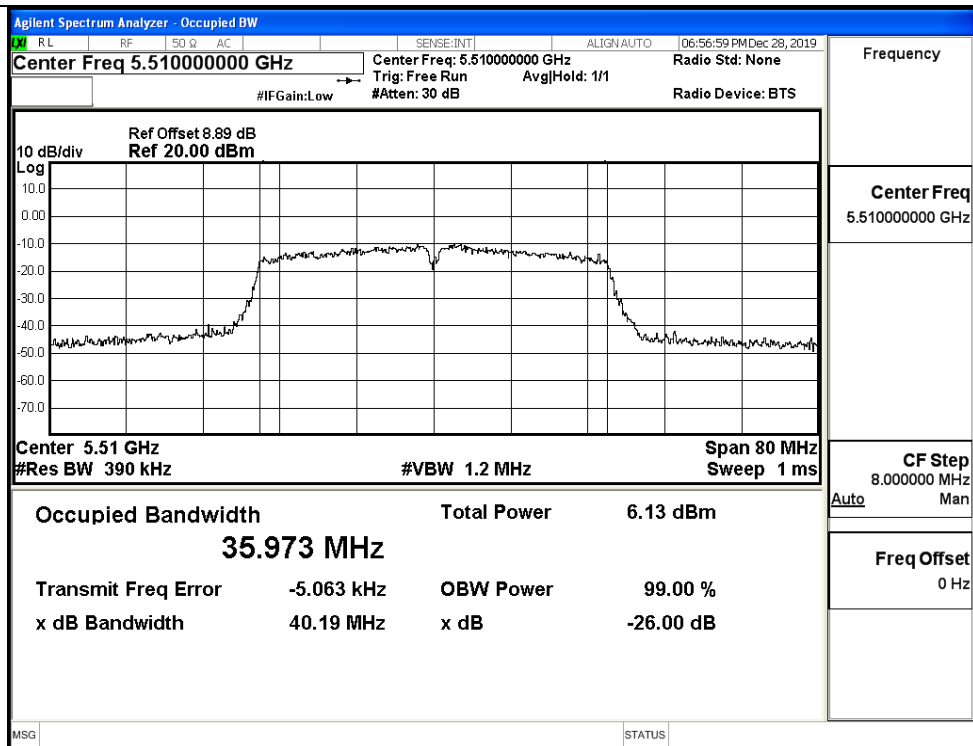
IEEE 802.11n20 / Channel 100 / 5500MHz_Ant1



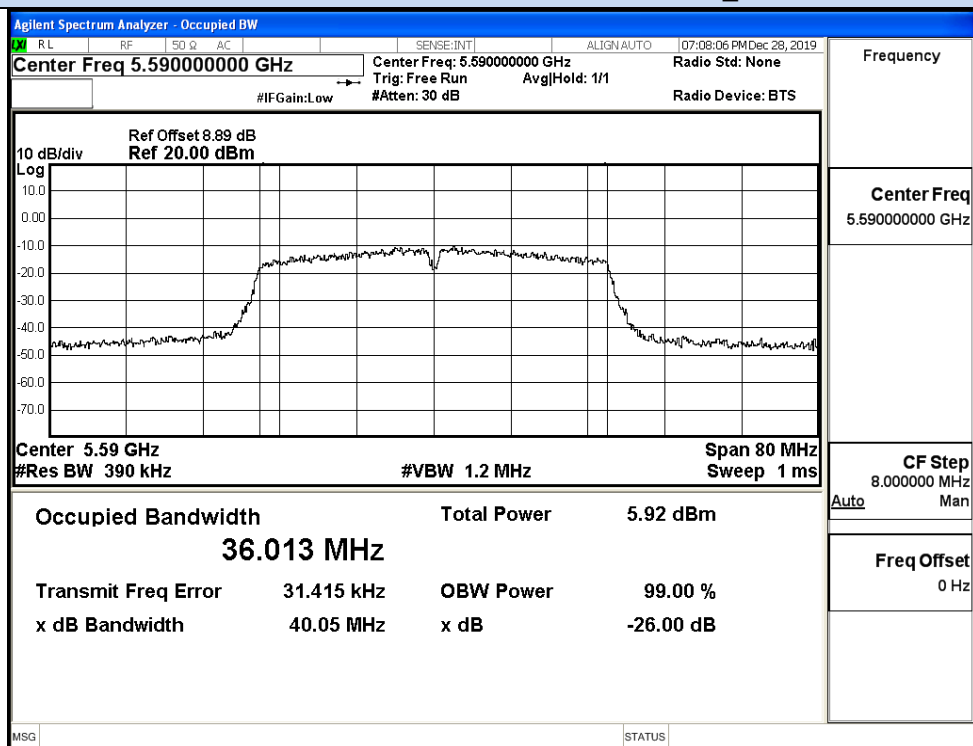
IEEE 802.11n20 / Channel 120 / 5600MHz_Ant1



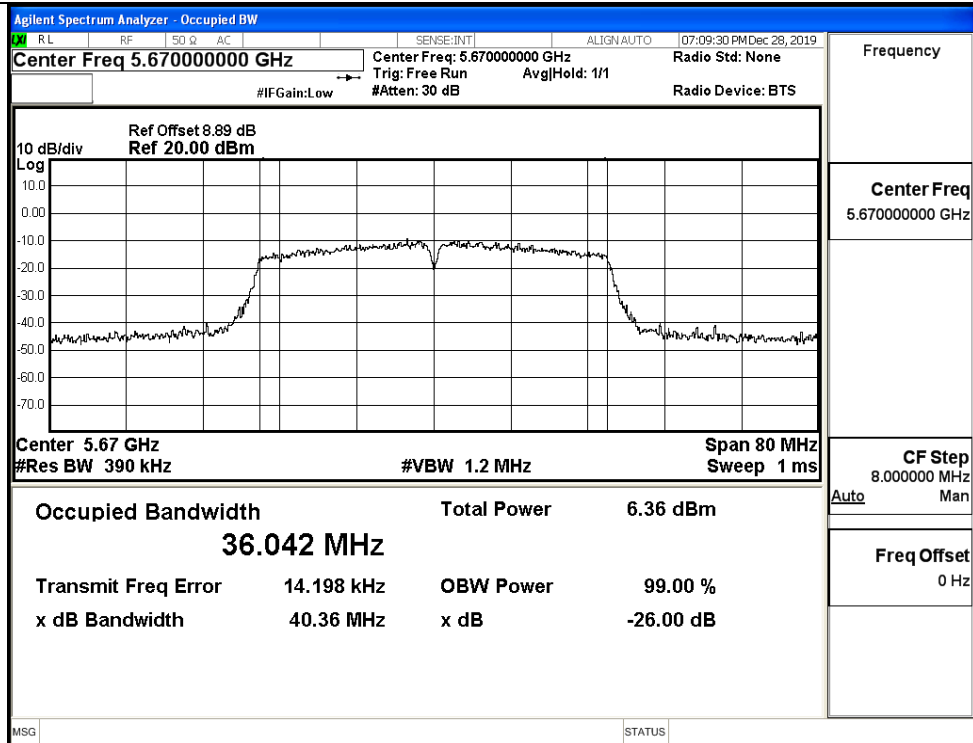
IEEE 802.11n20 / Channel 140 / 5700MHz_Ant1



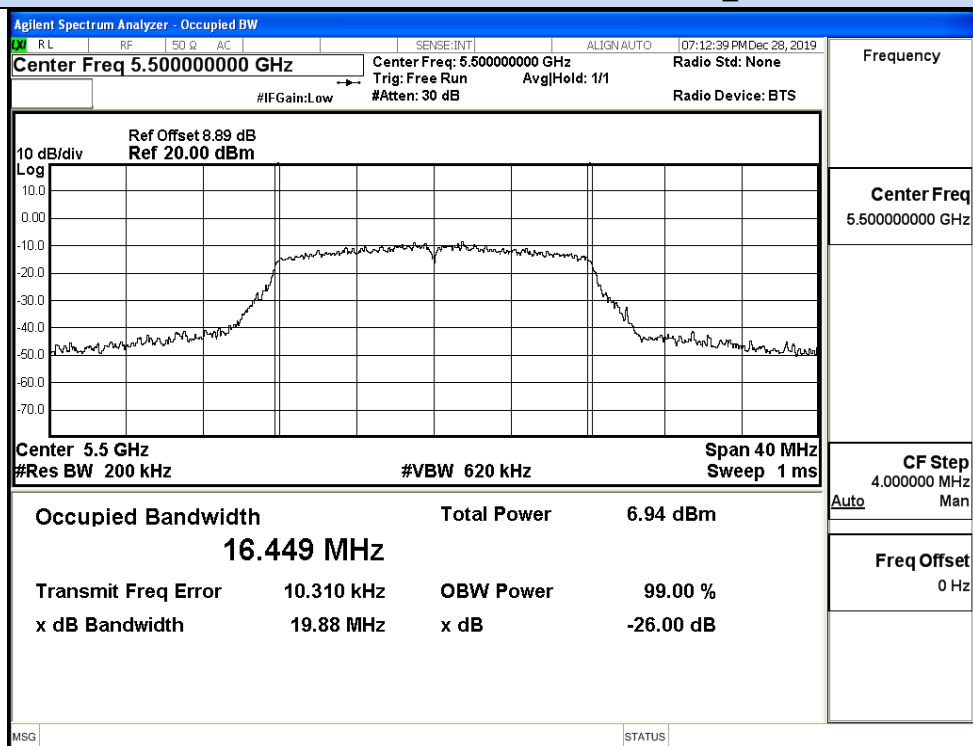
IEEE 802.11n40 / Channel 102 / 5510MHz_Ant1



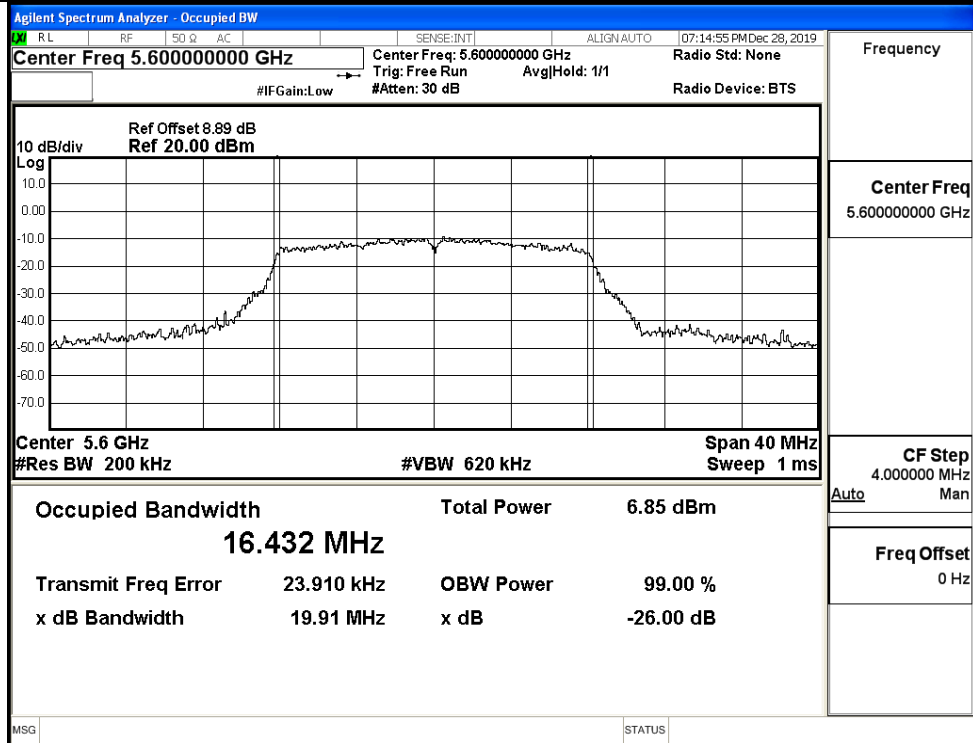
IEEE 802.11n40 / Channel 118 / 5590MHz_Ant1



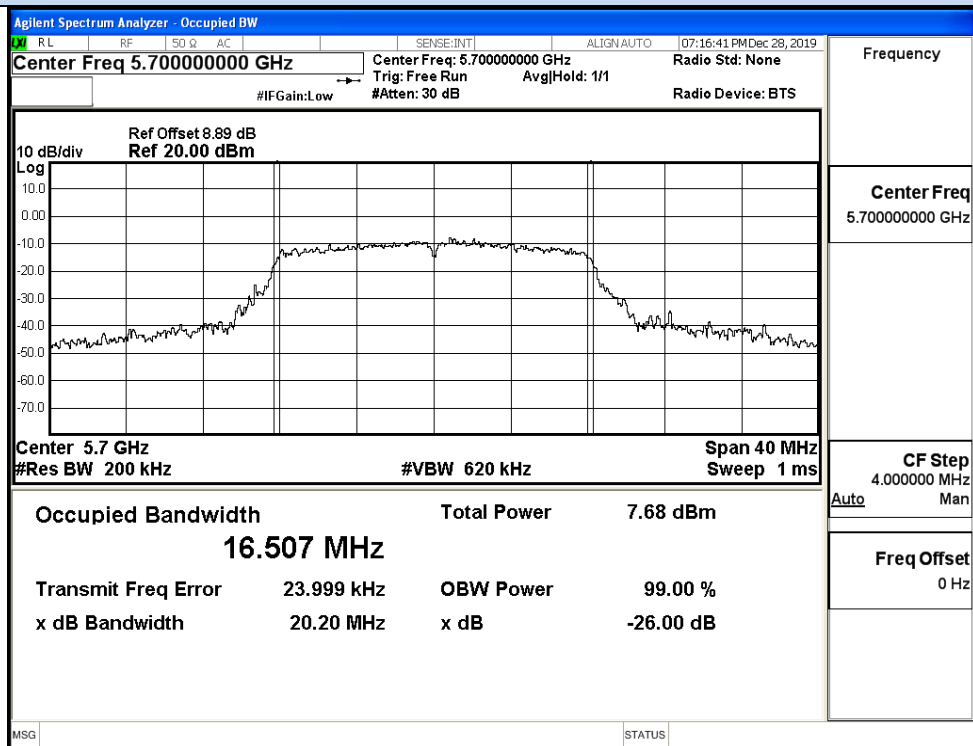
IEEE 802.11n40 / Channel 134 / 5670MHz_Ant1



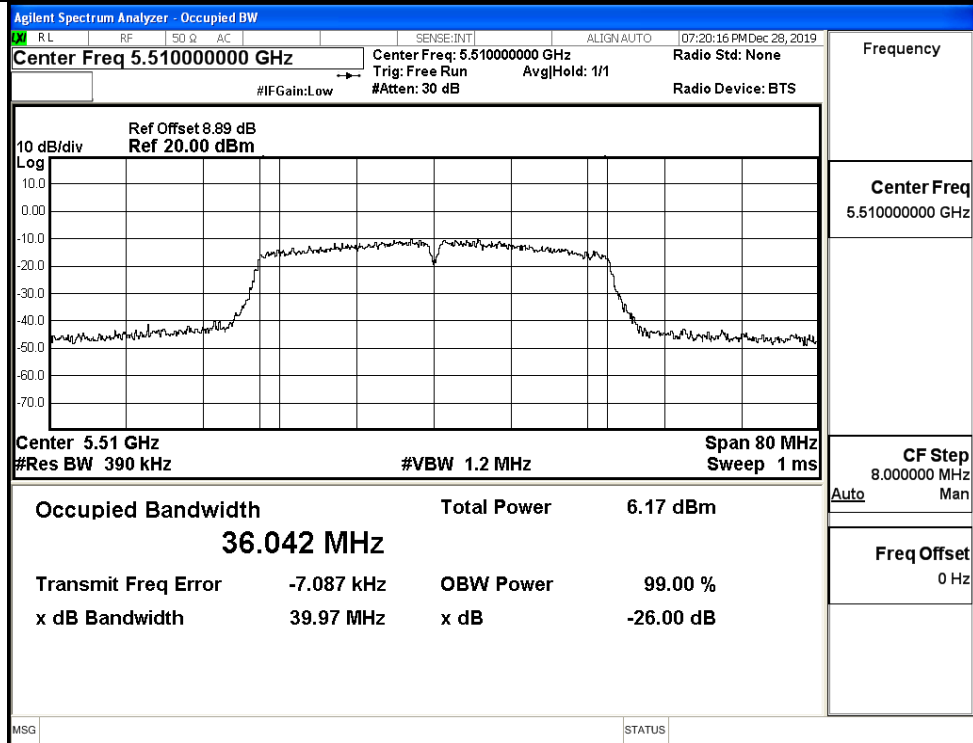
IEEE 802.11ac20 / Channel 100 / 5500MHz_Ant1



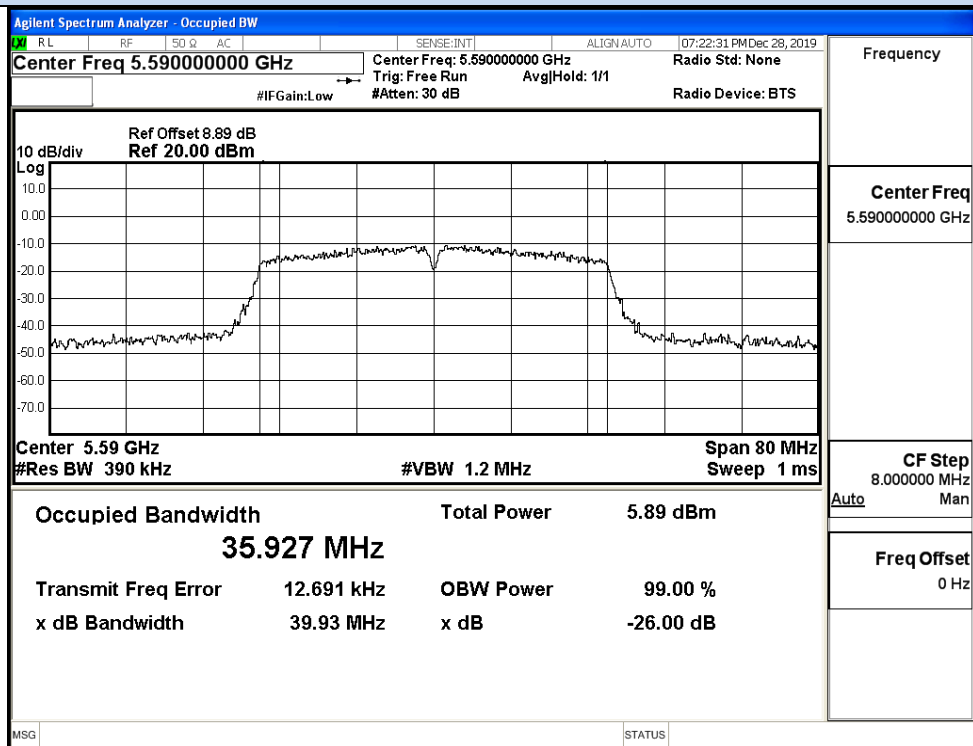
IEEE 802.11ac20 / Channel 120 / 5600MHz_Ant1



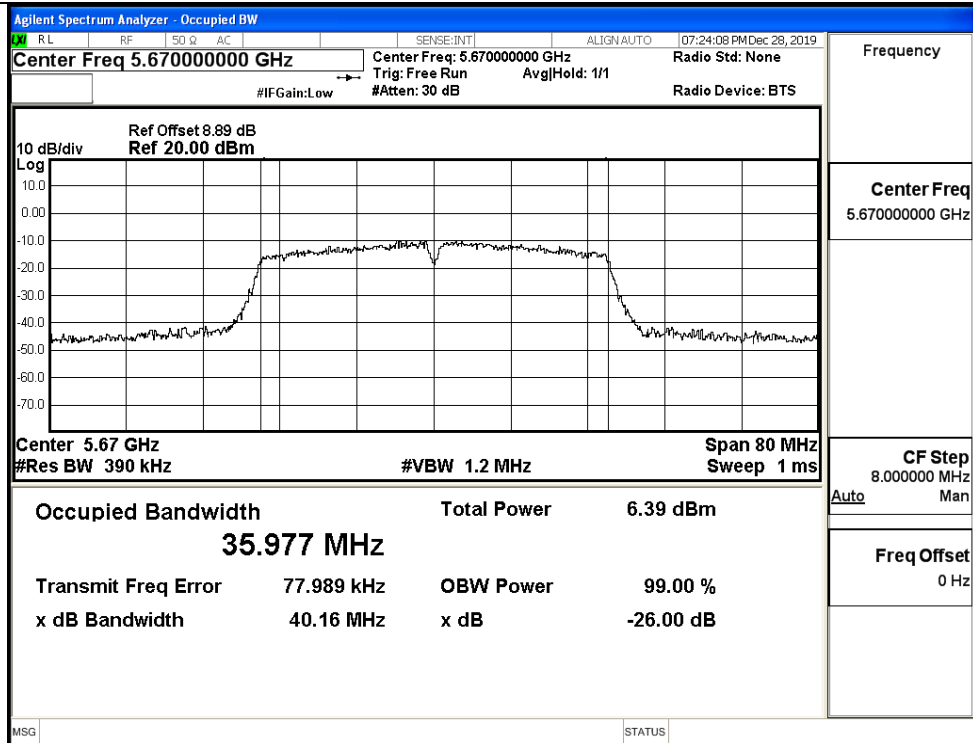
IEEE 802.11ac20 / Channel 140 / 5700MHz_Ant1



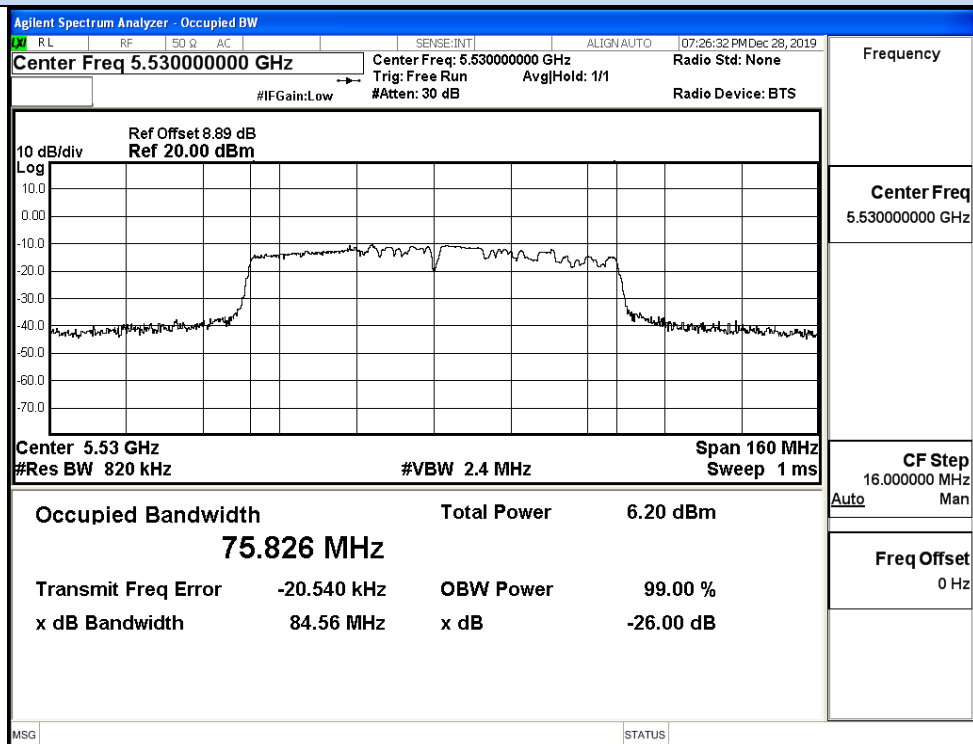
IEEE 802.11ac40 / Channel 102 / 5510MHz_Ant1



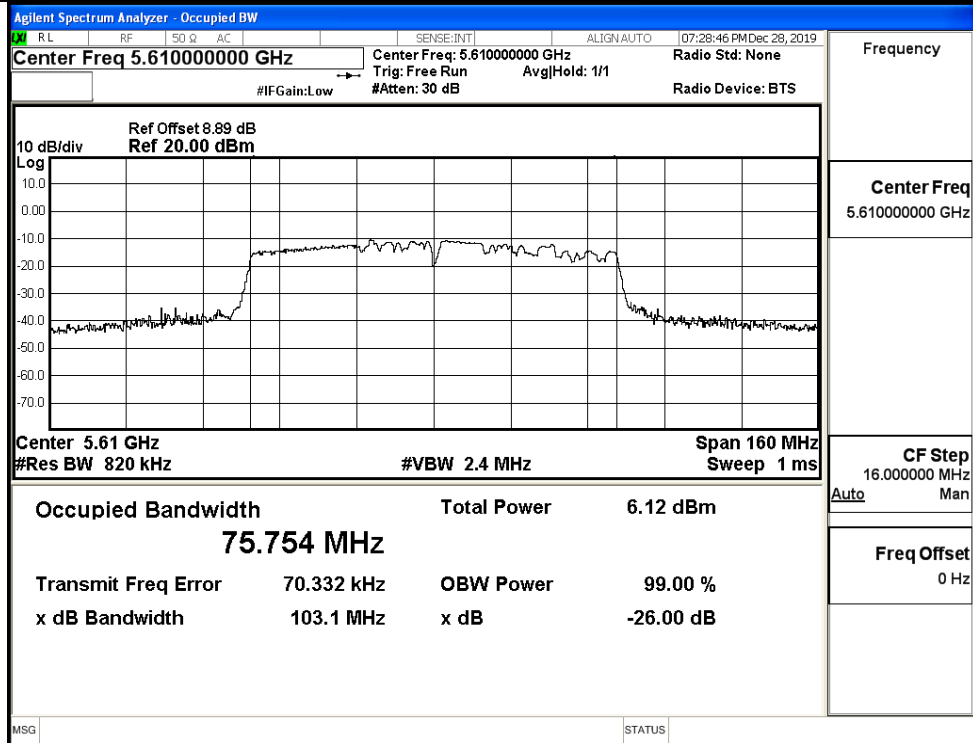
IEEE 802.11ac40 / Channel 118 / 5590MHz_Ant1



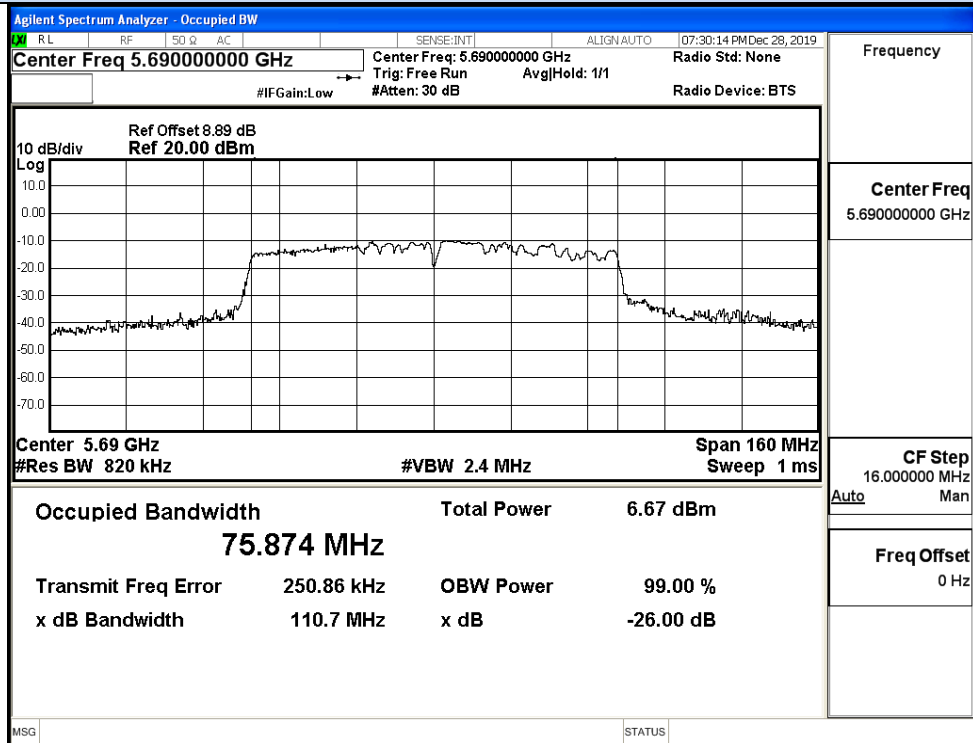
IEEE 802.11ac40 / Channel 134 / 5670MHz_Ant1



IEEE 802.11ac80 / Channel 106 / 5530MHz_Ant1



IEEE 802.11ac80 / Channel 122 / 5610MHz_Ant1



IEEE 802.11ac80 / Channel 138 / 5690MHz_Ant1

G.5 Undesirable Emissions Measurement

Ant0

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	100	5460.0	-46.59	2.00	0	50.67	Peak	68.20	Pass
		5460.0	-59.38	2.00	0	37.88	Average	54.00	Pass
		5470.0	-42.06	2.00	0	55.2	Peak	68.20	Pass
		5470.0	-55.72	2.00	0	41.54	Average	54.00	Pass
	140	5725.0	-39.50	2.00	0	57.76	Peak	68.20	Pass
		5725.0	-51.90	2.00	0	45.36	Average	54.00	Pass
		5735.0	-41.53	2.00	0	55.73	Peak	68.20	Pass
		5735.0	-53.34	2.00	0	43.92	Average	54.00	Pass
11N2 O SISO	100	5460.0	-48.95	2.00	0	48.31	Peak	68.20	Pass
		5460.0	-60.08	2.00	0	37.18	Average	54.00	Pass
		5470.0	-47.84	2.00	0	49.42	Peak	68.20	Pass
		5470.0	-59.56	2.00	0	37.7	Average	54.00	Pass
	140	5725.0	-40.16	2.00	0	57.1	Peak	68.20	Pass
		5725.0	-52.04	2.00	0	45.22	Average	54.00	Pass
		5735.0	-41.59	2.00	0	55.67	Peak	68.20	Pass
		5735.0	-53.39	2.00	0	43.87	Average	54.00	Pass
11N4 O SISO	102	5460.0	-45.83	2.00	0	51.43	Peak	68.20	Pass
		5460.0	-58.36	2.00	0	38.9	Average	54.00	Pass
		5470.0	-41.54	2.00	0	55.72	Peak	68.20	Pass
		5470.0	-54.56	2.00	0	42.7	Average	54.00	Pass
	134	5725.0	-32.39	2.00	0	64.87	Peak	68.20	Pass
		5725.0	-45.58	2.00	0	51.68	Average	54.00	Pass
		5735.0	-36.25	2.00	0	61.01	Peak	68.20	Pass
		5735.0	-49.20	2.00	0	48.06	Average	54.00	Pass
11A C20 SIS O	100	5460.0	-47.01	2.00	0	50.25	Peak	68.20	Pass
		5460.0	-59.81	2.00	0	37.45	Average	54.00	Pass
		5470.0	-40.70	2.00	0	56.56	Peak	68.20	Pass
		5470.0	-57.06	2.00	0	40.2	Average	54.00	Pass
	140	5725.0	-39.66	2.00	0	57.6	Peak	68.20	Pass
		5725.0	-52.10	2.00	0	45.16	Average	54.00	Pass
		5735.0	-42.11	2.00	0	55.15	Peak	68.20	Pass
		5735.0	-53.48	2.00	0	43.78	Average	54.00	Pass
11A C40 SIS O	102	5460.0	-41.53	2.00	0	55.73	Peak	68.20	Pass
		5460.0	-53.92	2.00	0	43.34	Average	54.00	Pass
		5470.0	-33.55	2.00	0	63.71	Peak	68.20	Pass
		5470.0	-48.35	2.00	0	48.91	Average	54.00	Pass
	134	5725.0	-33.01	2.00	0	64.25	Peak	68.20	Pass
		5725.0	-47.38	2.00	0	49.88	Average	54.00	Pass
		5735.0	-38.33	2.00	0	58.93	Peak	68.20	Pass
		5735.0	-50.50	2.00	0	46.76	Average	54.00	Pass
11A C80 SIS O	106	5460.0	-34.42	2.00	0	62.84	Peak	68.20	Pass
		5460.0	-62.71	2.00	0	34.55	Average	54.00	Pass
		5470.0	-30.86	2.00	0	66.40	Peak	68.20	Pass
		5470.0	-60.26	2.00	0	37.00	Average	54.00	Pass
	138	5725.0	-57.87	2.00	0	39.39	Peak	68.20	Pass
		5725.0	-69.11	2.00	0	28.15	Average	54.00	Pass
		5735.0	-57.53	2.00	0	39.73	Peak	68.20	Pass
		5735.0	-69.14	2.00	0	28.12	Average	54.00	Pass

Ant1

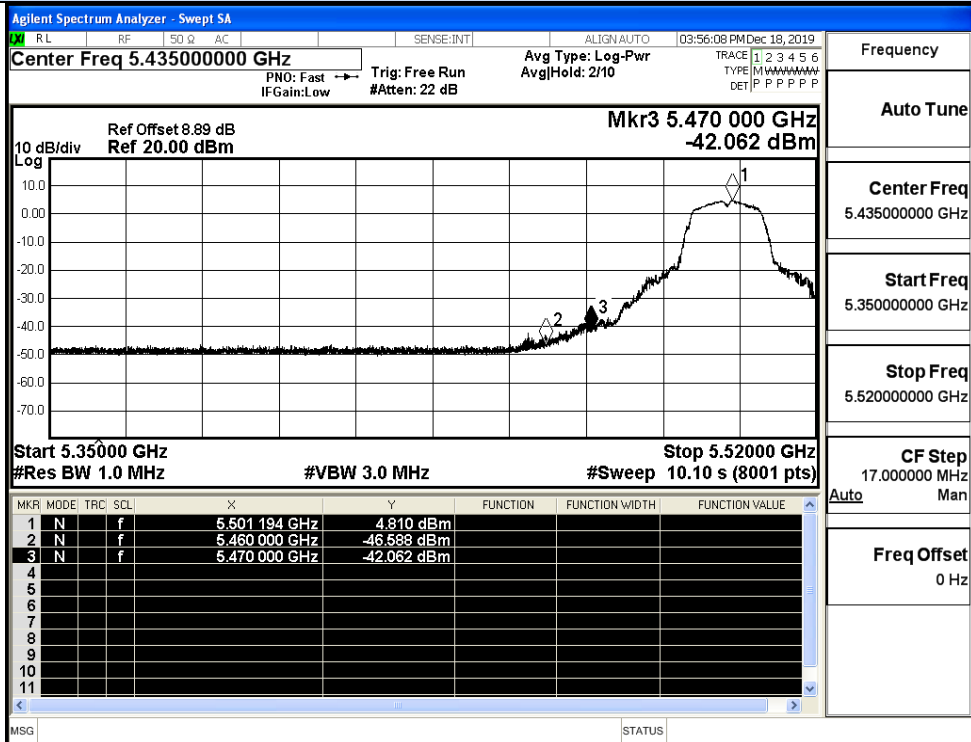
Test Mode	Channel	Frequency (MHz)	Conducted Power (dBm)	Antenna Gain (dBi)	Ground Reflection Factor (dB)	Covert Radiated E Level At 3m (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
11A	100	5460.0	-48.72	2.00	0	48.54	Peak	68.20	Pass
		5460.0	-60.17	2.00	0	37.09	Average	54.00	Pass
		5470.0	-47.42	2.00	0	49.84	Peak	68.20	Pass
		5470.0	-59.92	2.00	0	37.34	Average	54.00	Pass
	140	5725.0	-48.91	2.00	0	48.35	Peak	68.20	Pass
		5725.0	-58.72	2.00	0	38.54	Average	54.00	Pass
		5735.0	-48.90	2.00	0	48.36	Peak	68.20	Pass
		5735.0	-59.08	2.00	0	38.18	Average	54.00	Pass
11N2 O SISO	100	5460.0	-49.27	2.00	0	47.99	Peak	68.20	Pass
		5460.0	-60.16	2.00	0	37.1	Average	54.00	Pass
		5470.0	-47.75	2.00	0	49.51	Peak	68.20	Pass
		5470.0	-59.96	2.00	0	37.3	Average	54.00	Pass
	140	5725.0	-42.78	2.00	0	54.48	Peak	68.20	Pass
		5725.0	-56.74	2.00	0	40.52	Average	54.00	Pass
		5735.0	-46.89	2.00	0	50.37	Peak	68.20	Pass
		5735.0	-58.55	2.00	0	38.71	Average	54.00	Pass
11N4 O SISO	102	5460.0	-48.41	2.00	0	48.85	Peak	68.20	Pass
		5460.0	-59.40	2.00	0	37.86	Average	54.00	Pass
		5470.0	-43.75	2.00	0	53.51	Peak	68.20	Pass
		5470.0	-57.07	2.00	0	40.19	Average	54.00	Pass
	134	5725.0	-45.56	2.00	0	51.7	Peak	68.20	Pass
		5725.0	-57.80	2.00	0	39.46	Average	54.00	Pass
		5735.0	-48.90	2.00	0	48.36	Peak	68.20	Pass
		5735.0	-58.05	2.00	0	39.21	Average	54.00	Pass
11A C20 SIS O	100	5460.0	-49.16	2.00	0	48.1	Peak	68.20	Pass
		5460.0	-60.14	2.00	0	37.12	Average	54.00	Pass
		5470.0	-48.27	2.00	0	48.99	Peak	68.20	Pass
		5470.0	-59.89	2.00	0	37.37	Average	54.00	Pass
	140	5725.0	-41.31	2.00	0	55.95	Peak	68.20	Pass
		5725.0	-55.84	2.00	0	41.42	Average	54.00	Pass
		5735.0	-45.01	2.00	0	52.25	Peak	68.20	Pass
		5735.0	-58.37	2.00	0	38.89	Average	54.00	Pass
11A C40 SIS O	102	5460.0	-47.94	2.00	0	49.32	Peak	68.20	Pass
		5460.0	-59.38	2.00	0	37.88	Average	54.00	Pass
		5470.0	-44.58	2.00	0	52.68	Peak	68.20	Pass
		5470.0	-57.20	2.00	0	40.06	Average	54.00	Pass
	134	5725.0	-47.69	2.00	0	49.57	Peak	68.20	Pass
		5725.0	-57.82	2.00	0	39.44	Average	54.00	Pass
		5735.0	-46.85	2.00	0	50.41	Peak	68.20	Pass
		5735.0	-58.10	2.00	0	39.16	Average	54.00	Pass
11A C80 SIS O	106	5460.0	-43.35	2.00	0	53.91	Peak	68.20	Pass
		5460.0	-62.70	2.00	0	34.56	Average	54.00	Pass
		5470.0	-39.01	2.00	0	58.25	Peak	68.20	Pass
		5470.0	-60.32	2.00	0	36.94	Average	54.00	Pass
	138	5725.0	-51.78	2.00	0	45.48	Peak	68.20	Pass
		5725.0	-62.61	2.00	0	34.65	Average	54.00	Pass
		5735.0	-52.01	2.00	0	45.25	Peak	68.20	Pass
		5735.0	-62.96	2.00	0	34.30	Average	54.00	Pass

Ant0+Ant1

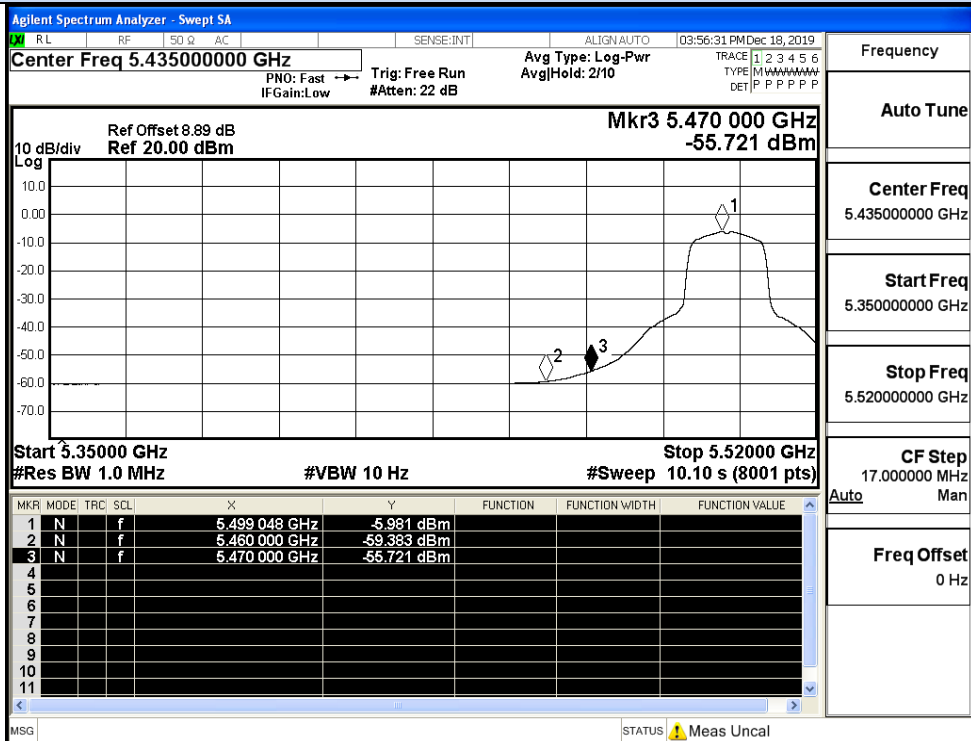
Test Mode	Test Channel	Freq.	Power [dBm]			Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
			Ant0	Ant1	Sum						
11N20 SISO	52	5460.0	-48.95	-49.27	-46.10	4.04	0	53.20	Peak	68.20	Pass
		5460.0	-60.08	-60.16	-57.11	4.04	0	42.19	Average	54.00	Pass
		5470.0	-47.84	-47.75	-44.78	4.04	0	54.52	Peak	68.20	Pass
		5470.0	-59.56	-59.96	-56.75	4.04	0	42.55	Average	54.00	Pass
	64	5725.0	-40.16	-42.78	-38.27	4.04	0	61.03	Peak	68.20	Pass
		5725.0	-52.04	-56.74	-50.77	4.04	0	48.53	Average	54.00	Pass
		5735.0	-41.59	-46.89	-40.47	4.04	0	58.83	Peak	68.20	Pass
		5735.0	-53.39	-58.55	-52.23	4.04	0	47.07	Average	54.00	Pass
11N40 SISO	54	5460.0	-45.83	-48.41	-43.92	4.04	0	55.38	Peak	68.20	Pass
		5460.0	-58.36	-59.40	-55.84	4.04	0	43.46	Average	54.00	Pass
		5470.0	-41.54	-43.75	-39.50	4.04	0	59.8	Peak	68.20	Pass
		5470.0	-54.56	-57.07	-52.63	4.04	0	46.67	Average	54.00	Pass
	62	5725.0	-32.39	-45.56	-32.19	4.04	0	67.11	Peak	68.20	Pass
		5725.0	-45.58	-57.80	-45.33	4.04	0	53.97	Average	54.00	Pass
		5735.0	-36.25	-48.90	-36.02	4.04	0	63.28	Peak	68.20	Pass
		5735.0	-49.20	-58.05	-48.67	4.04	0	50.63	Average	54.00	Pass
	52	5460.0	-47.01	-49.16	-44.94	4.04	0	54.36	Peak	68.20	Pass
		5460.0	-59.81	-60.14	-56.96	4.04	0	42.34	Average	54.00	Pass
		5470.0	-40.70	-48.27	-40.00	4.04	0	59.3	Peak	68.20	Pass
		5470.0	-57.06	-59.89	-55.24	4.04	0	44.06	Average	54.00	Pass
	64	5725.0	-39.66	-41.31	-37.40	4.04	0	61.9	Peak	68.20	Pass
		5725.0	-52.10	-55.84	-50.57	4.04	0	48.73	Average	54.00	Pass
		5735.0	-42.11	-45.01	-40.31	4.04	0	58.99	Peak	68.20	Pass
		5735.0	-53.48	-58.37	-52.26	4.04	0	47.04	Average	54.00	Pass
	54	5460.0	-41.53	-47.94	-40.64	4.04	0	58.66	Peak	68.20	Pass
		5460.0	-53.92	-59.38	-52.83	4.04	0	46.47	Average	54.00	Pass
		5470.0	-33.55	-44.58	-33.22	4.04	0	66.08	Peak	68.20	Pass
		5470.0	-48.35	-57.20	-47.82	4.04	0	51.48	Average	54.00	Pass
	62	5725.0	-33.01	-47.69	-32.86	4.04	0	66.44	Peak	68.20	Pass
		5725.0	-47.38	-57.82	-47.00	4.04	0	52.3	Average	54.00	Pass
		5735.0	-38.33	-46.85	-37.76	4.04	0	61.54	Peak	68.20	Pass
		5735.0	-50.50	-58.10	-49.80	4.04	0	49.5	Average	54.00	Pass
	58	5460.0	-34.42	-43.35	-33.90	4.04	0	65.4	Peak	68.20	Pass
		5460.0	-62.71	-62.70	-59.69	4.04	0	39.61	Average	54.00	Pass
		5470.0	-30.86	-39.01	-30.24	4.04	0	69.06	Peak	68.20	Pass

		5470.0	-60.26	-60.32	-57.28	4.04	0	42.02	Average	54.00	Pass
		5725.0	-57.87	-51.78	-50.82	4.04	0	48.48	Peak	68.20	Pass
		5725.0	-69.11	-62.61	-61.73	4.04	0	37.57	Average	54.00	Pass
		5735.0	-57.53	-52.01	-50.94	4.04	0	48.36	Peak	68.20	Pass
		5735.0	-69.14	-62.96	-62.02	4.04	0	37.28	Average	54.00	Pass

Undesirable Emissions Measurement

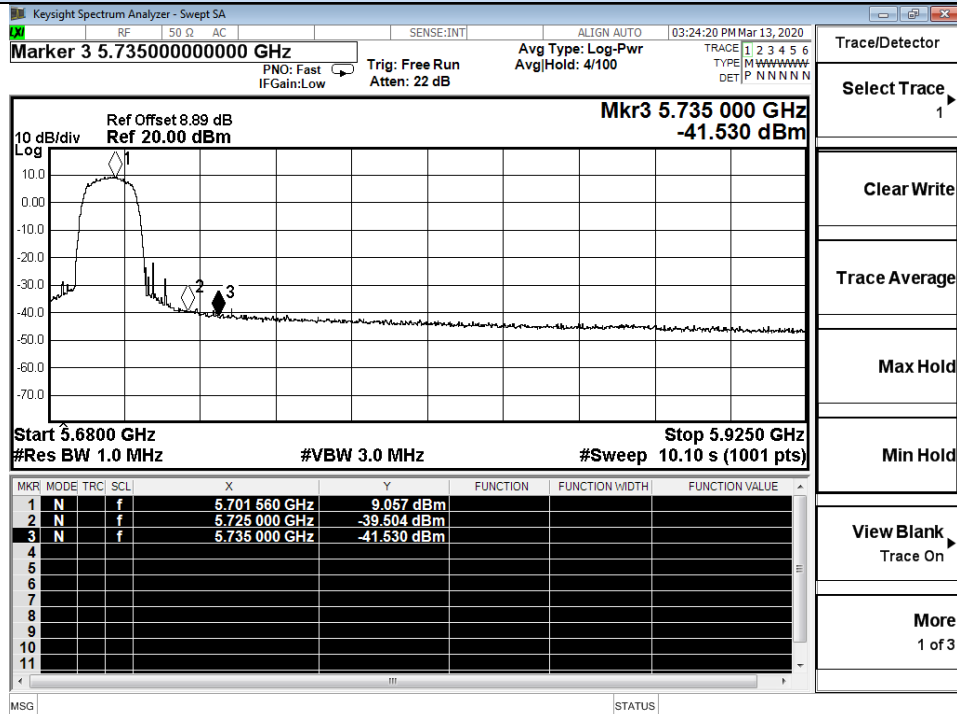


IEEE 802.11a / Channel 100 / 5500MHz / Peak_Ant0

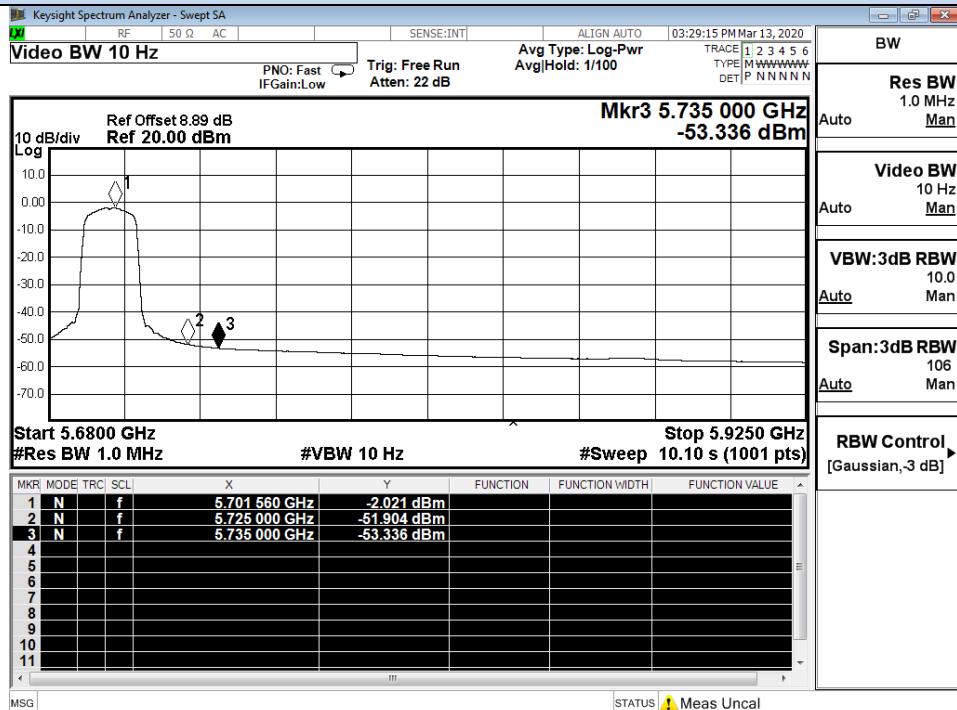


IEEE 802.11a / Channel 100 / 5500MHz / Average_Ant0

Undesirable Emissions Measurement

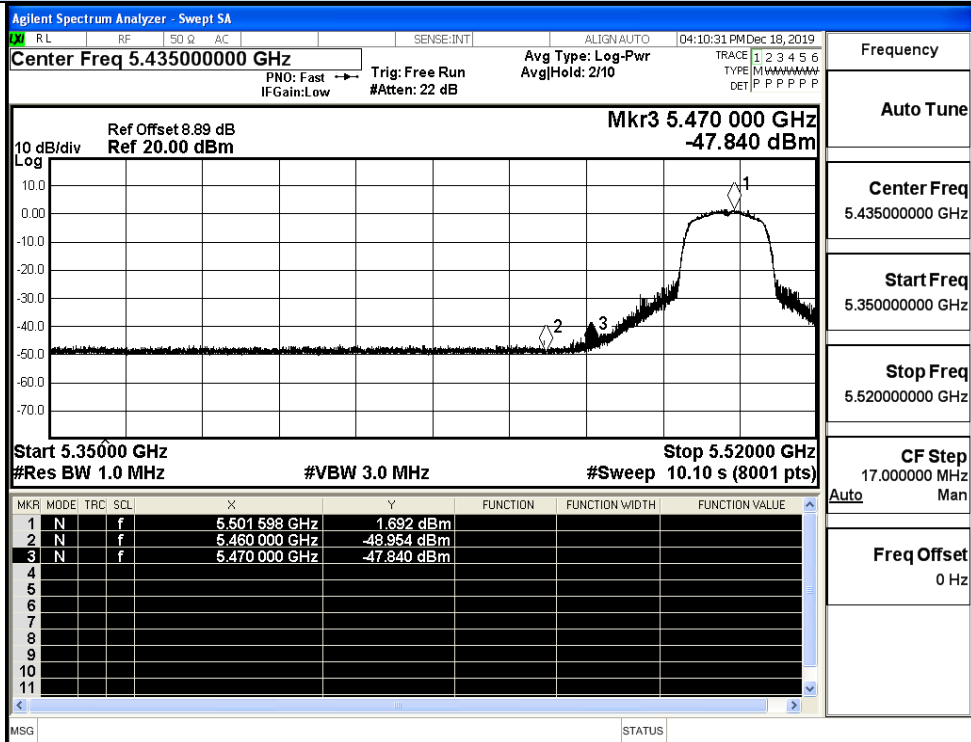


IEEE 802.11a / Channel 140 / 5700MHz / Peak_Ant0

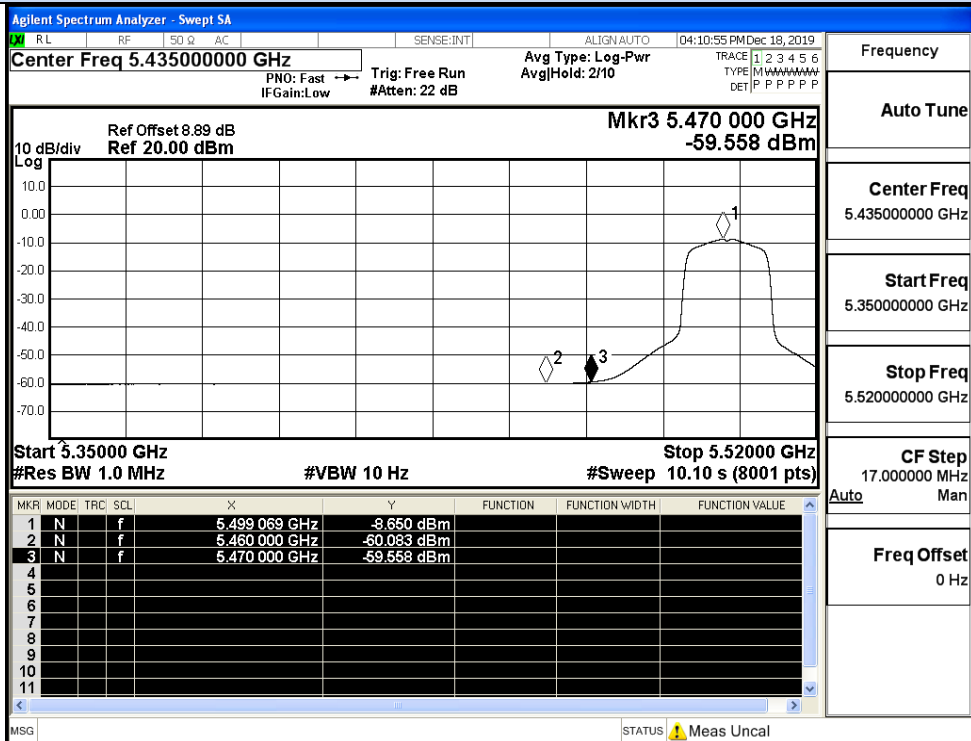


IEEE 802.11a / Channel 140 / 5700MHz / Average_Ant0

Undesirable Emissions Measurement

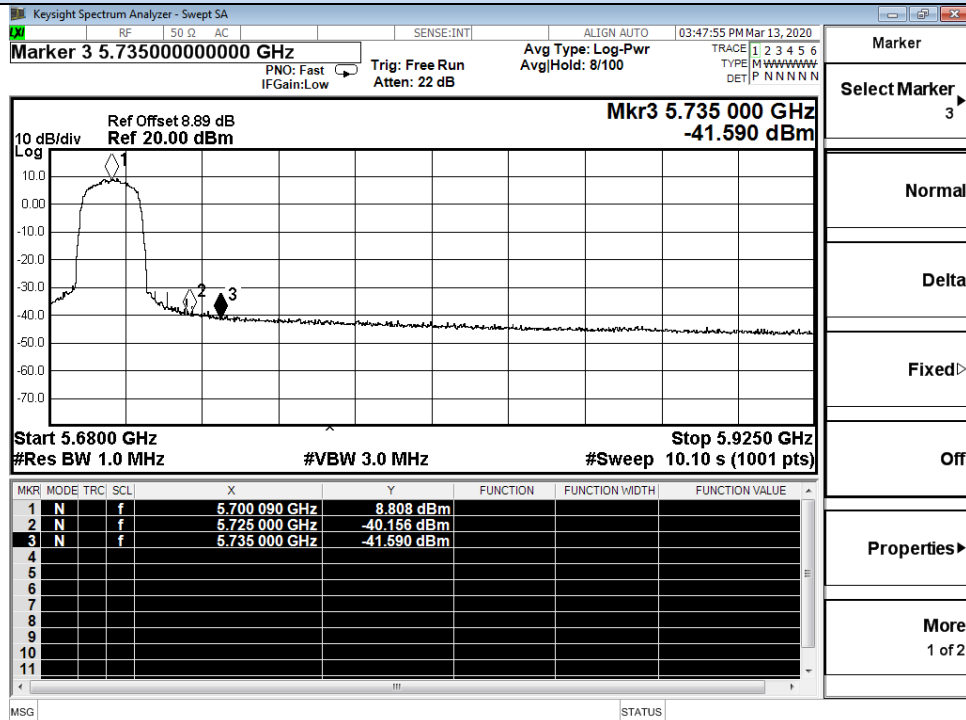


IEEE 802.11n20 / Channel 100 / 5500MHz / Peak_Ant0

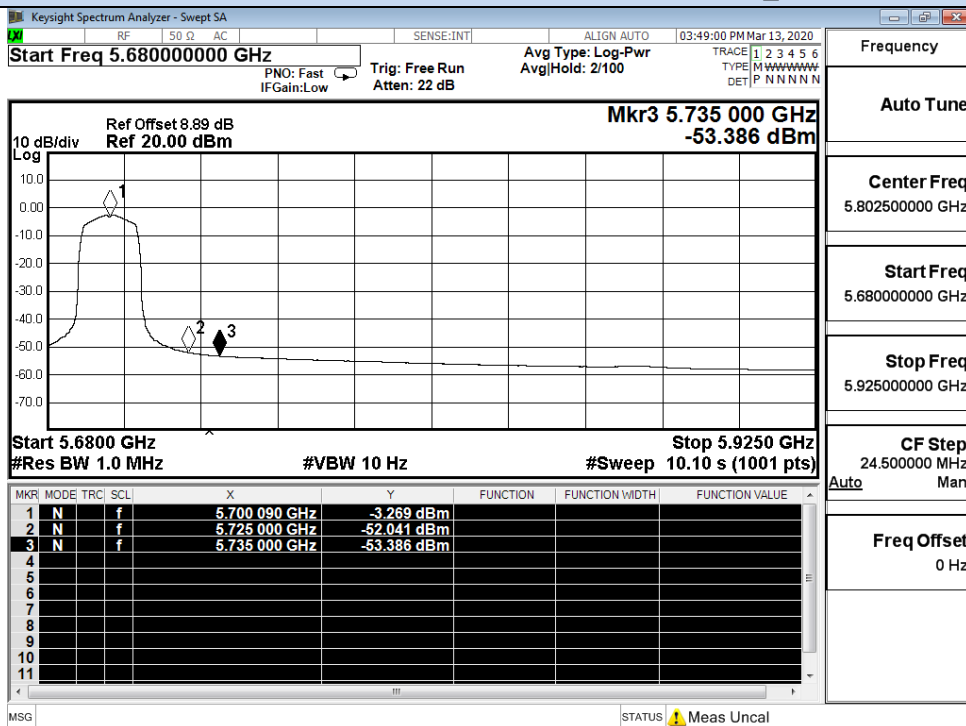


IEEE 802.11n20 / Channel 100 / 5500MHz / Average_Ant0

Undesirable Emissions Measurement

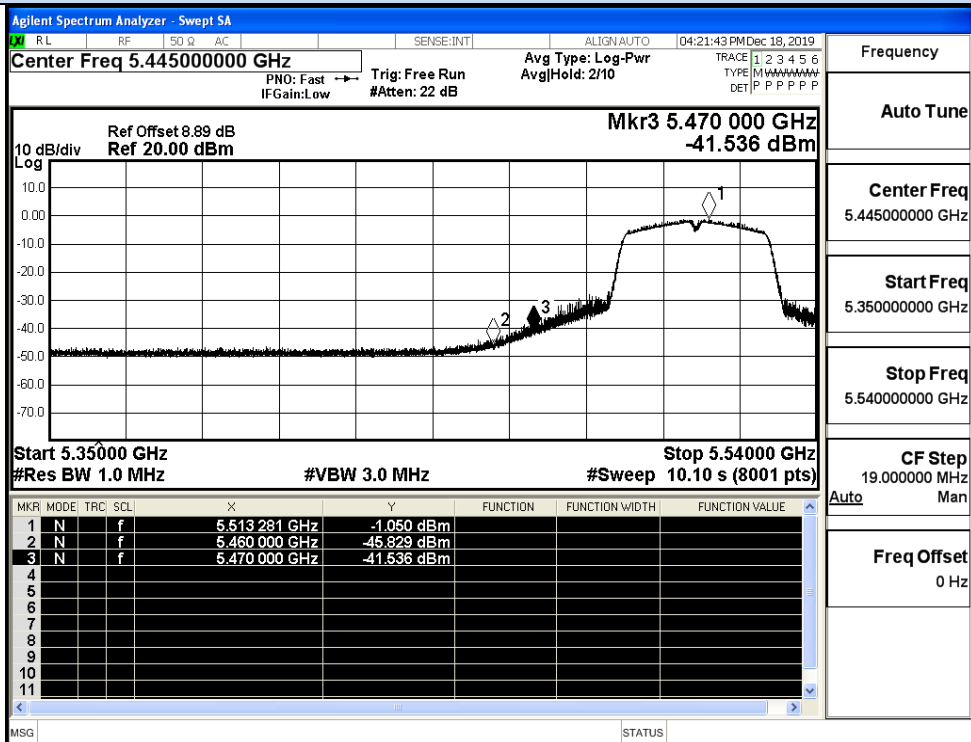


IEEE 802.11n20 / Channel 140 / 5700MHz / Peak_Ant0

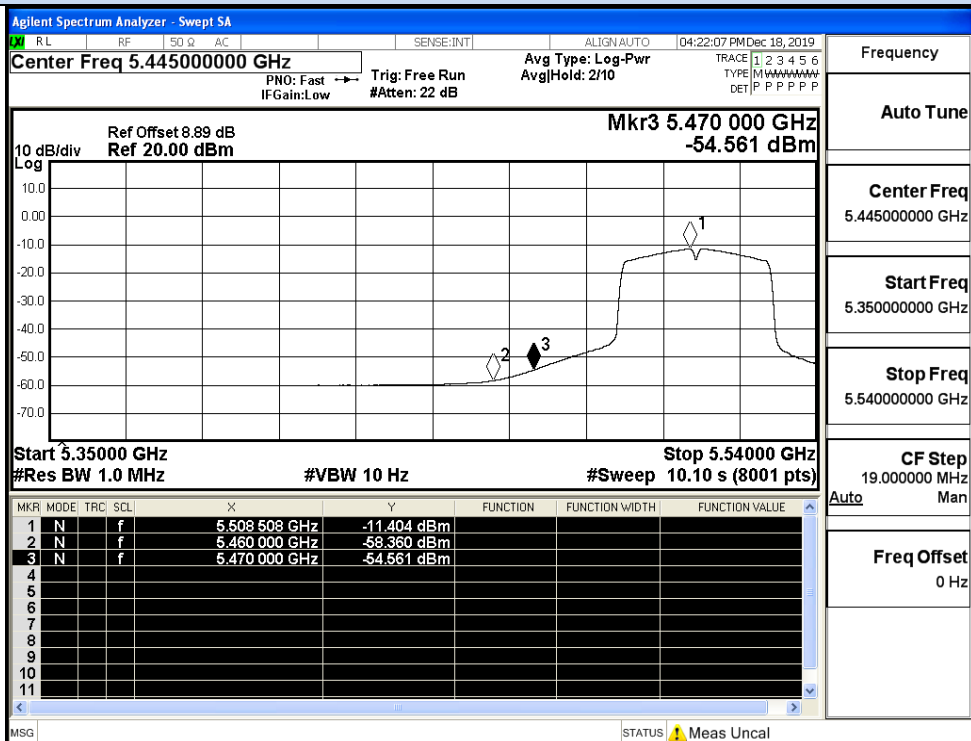


IEEE 802.11n20 / Channel 140 / 5700MHz / Average_Ant0

Undesirable Emissions Measurement

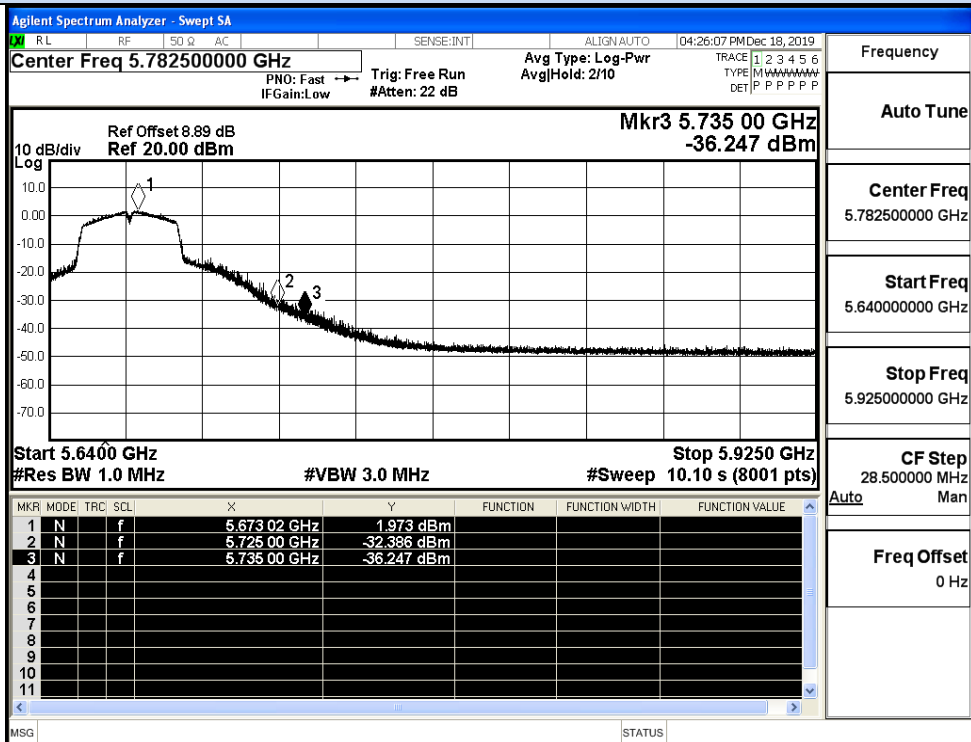


IEEE 802.11n40 / Channel 102 / 5510MHz / Peak_Ant0

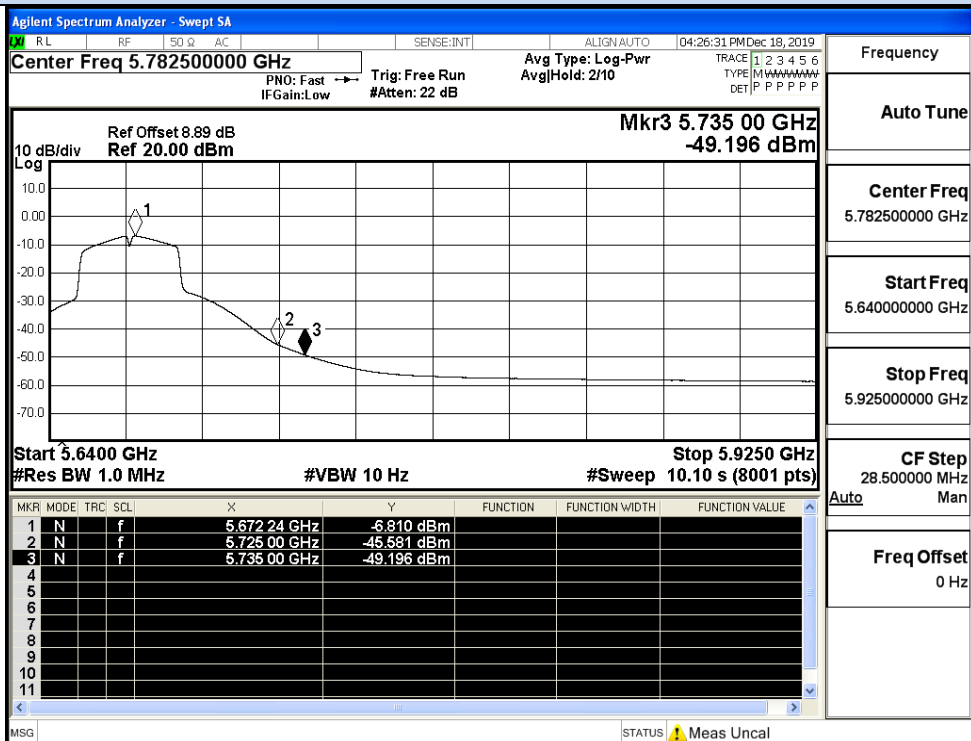


IEEE 802.11n40 / Channel 102 / 5510MHz / Average_Ant0

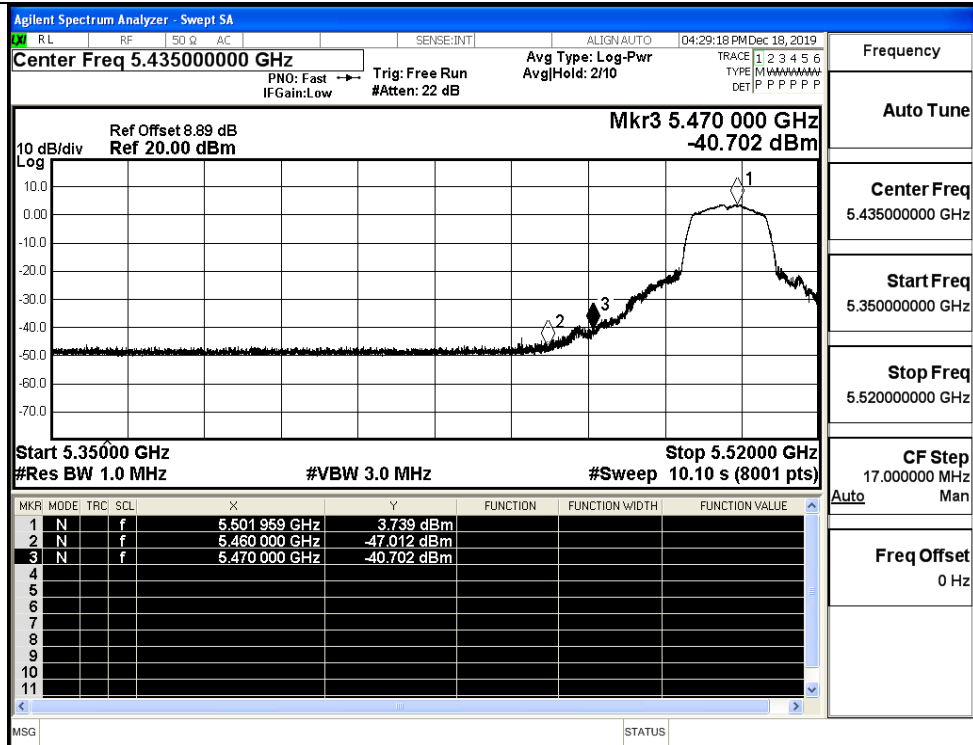
Undesirable Emissions Measurement



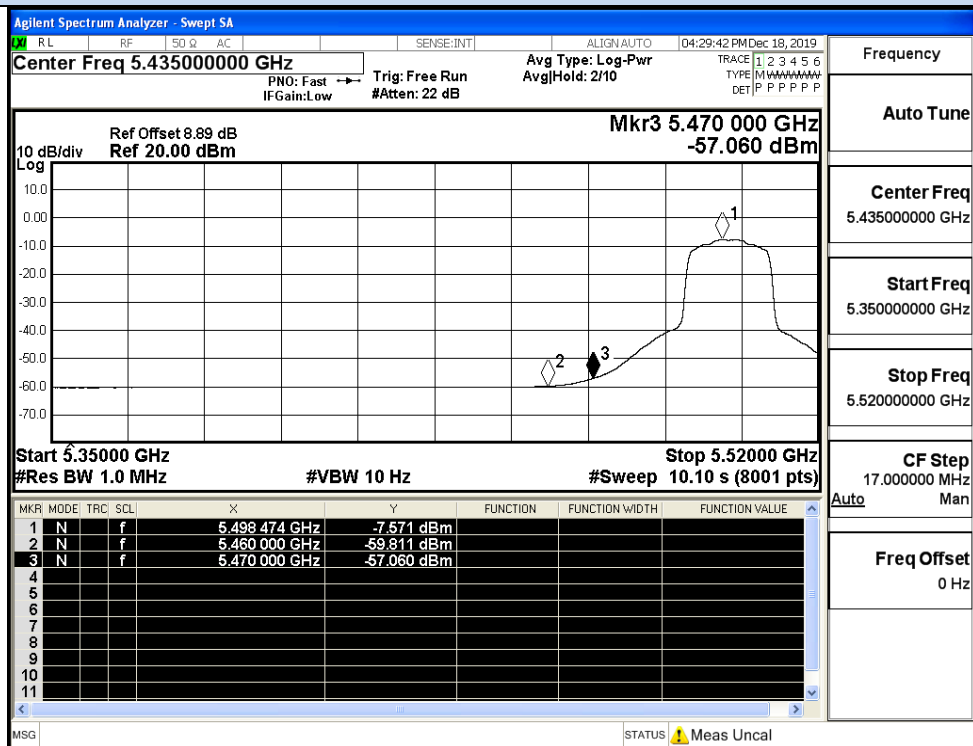
IEEE 802.11n40 / Channel 134 / 5670MHz / Peak_Ant0



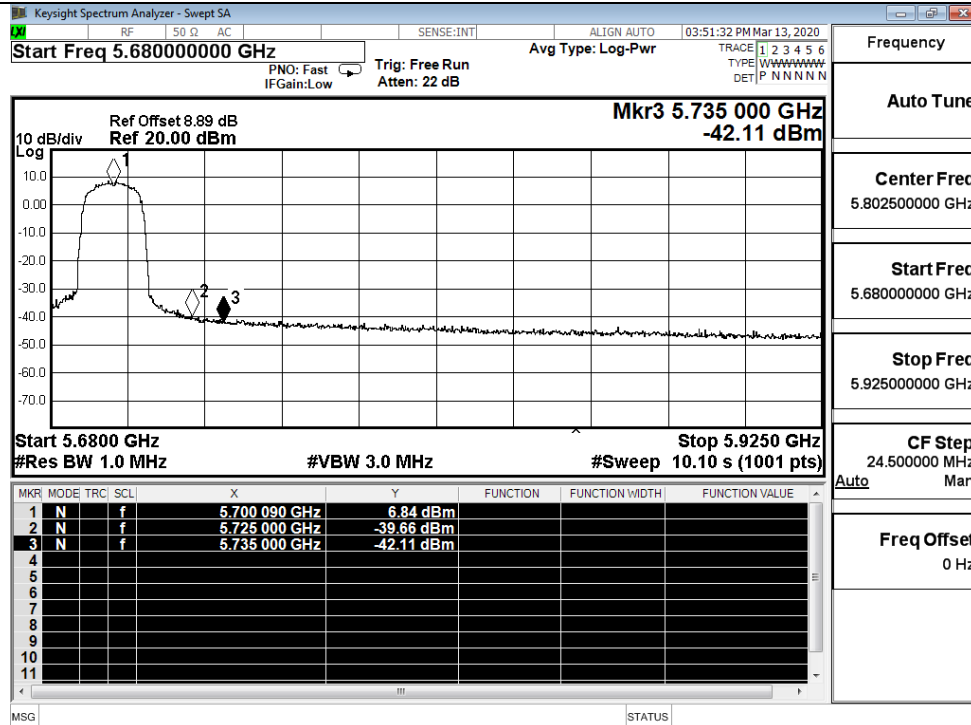
IEEE 802.11n40 / Channel 134 / 5670MHz / Average_Ant0



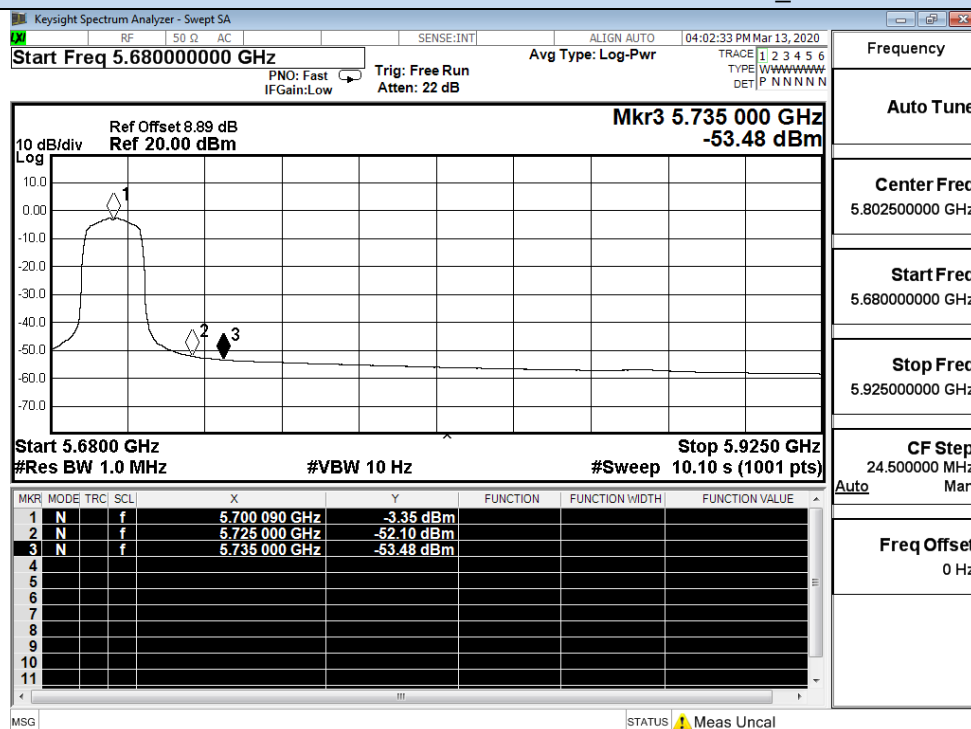
IEEE 802.11ac20 / Channel 100 / 5500MHz / Peak_Ant0



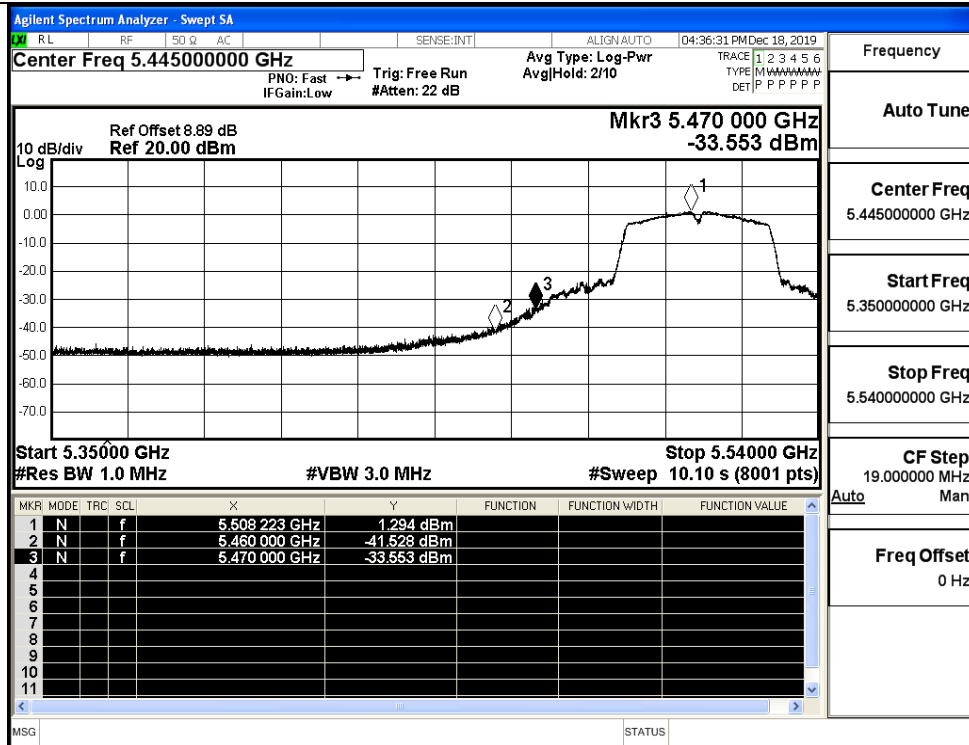
IEEE 802.11ac20 / Channel 100 / 5500MHz / Average_Ant0



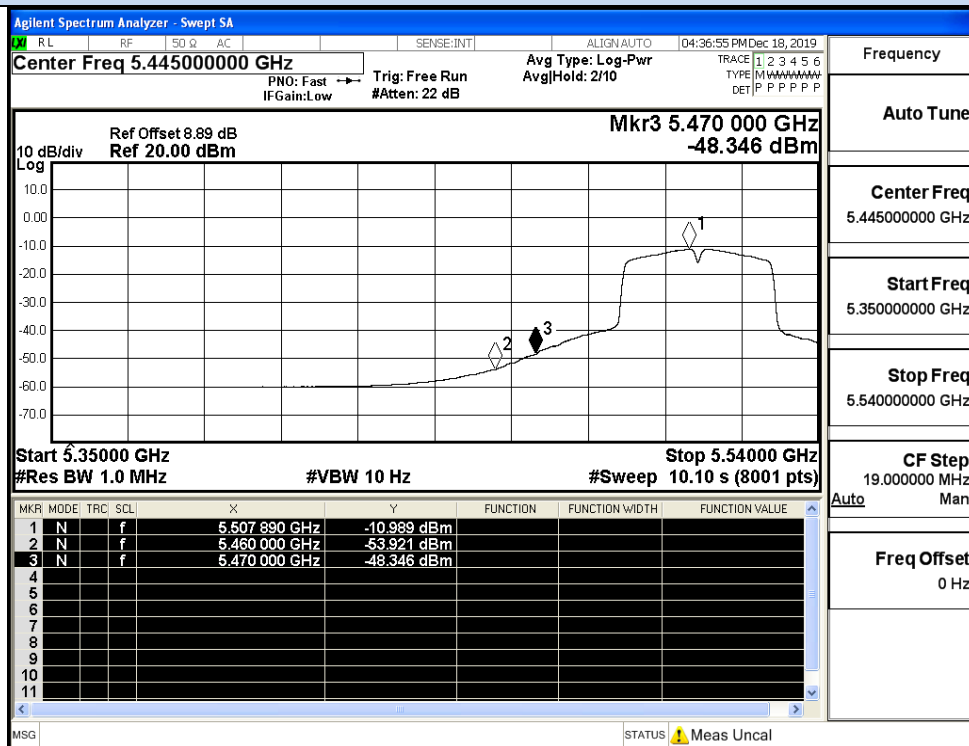
IEEE 802.11ac20 / Channel 140 / 5700MHz / Peak_Ant0



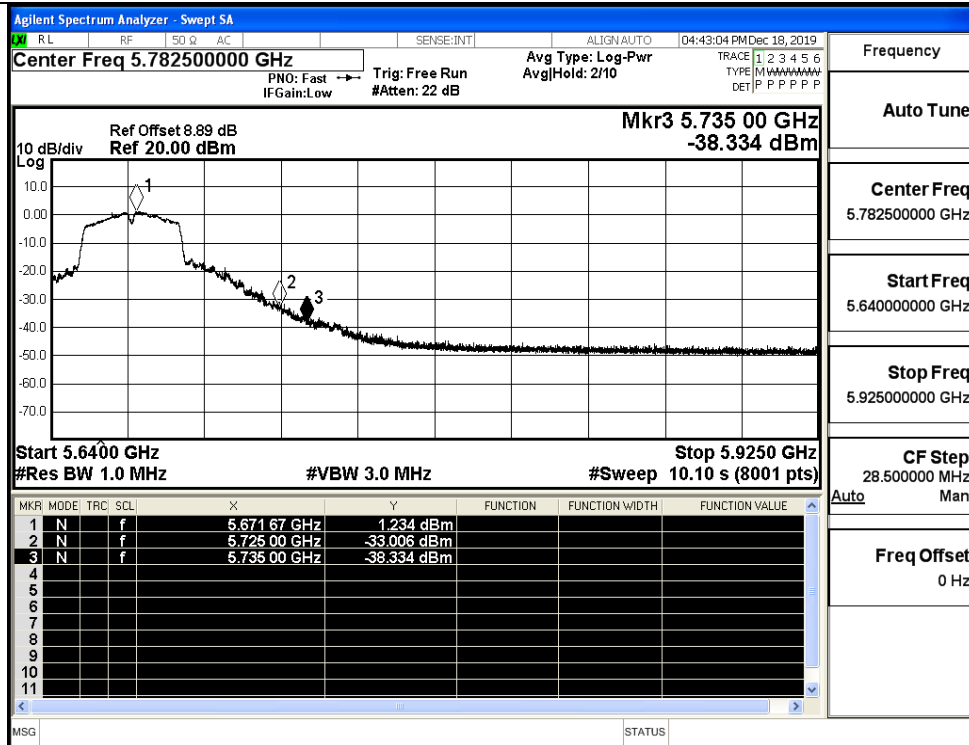
IEEE 802.11ac20 / Channel 140 / 5700MHz / Average_Ant0



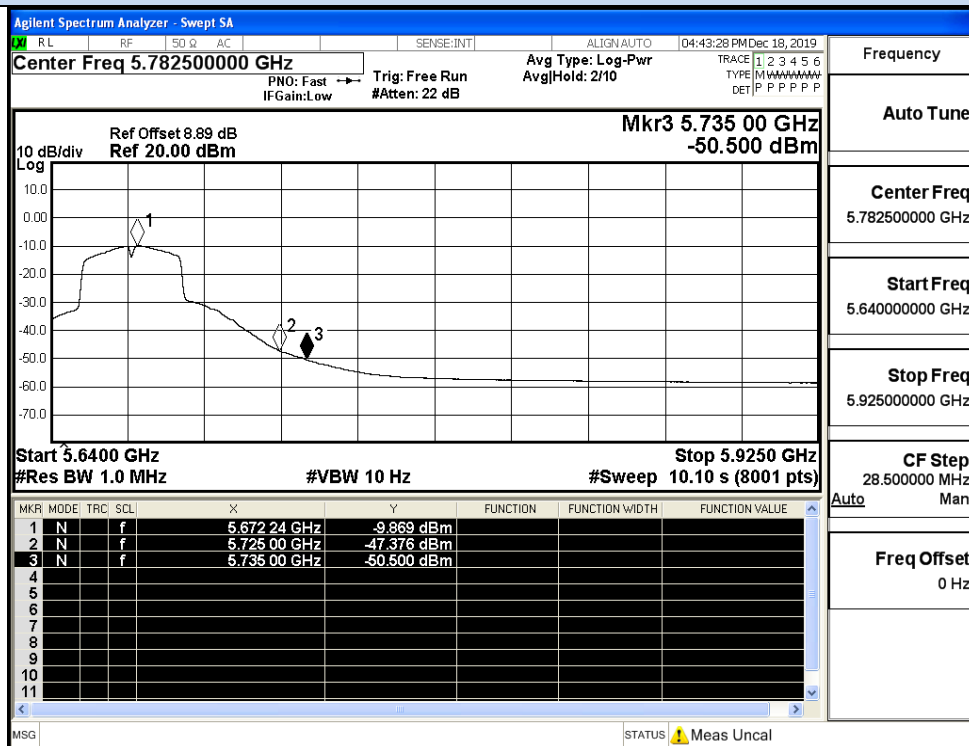
IEEE 802.11ac40 / Channel 102/ 5510MHz / Peak_Ant0



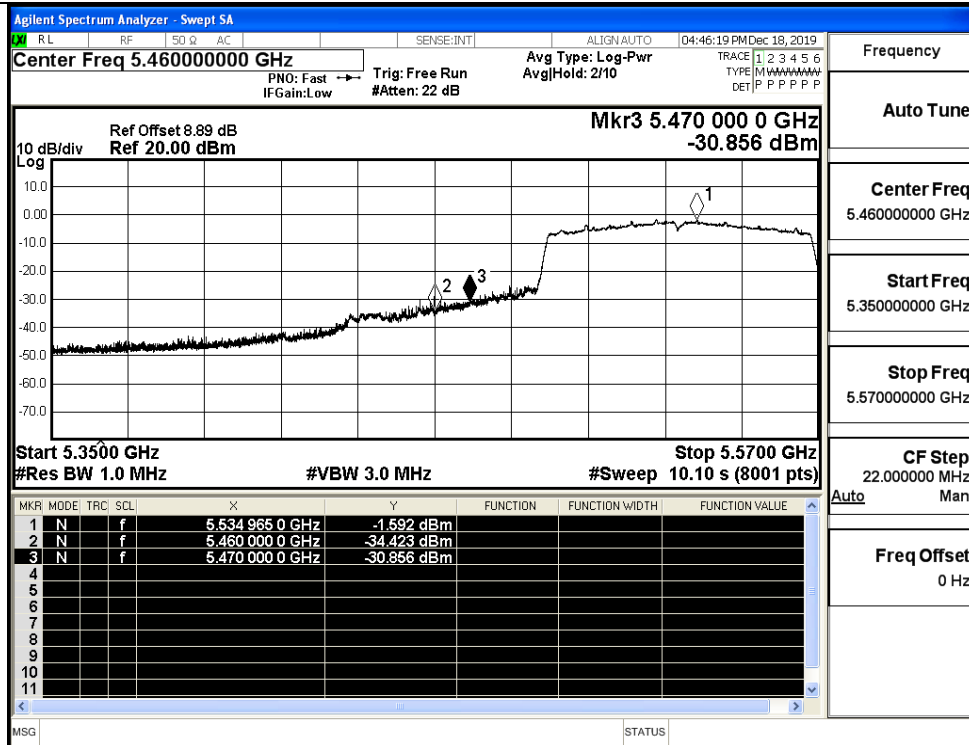
IEEE 802.11ac40 / Channel 102 / 5510MHz / Average_Ant0



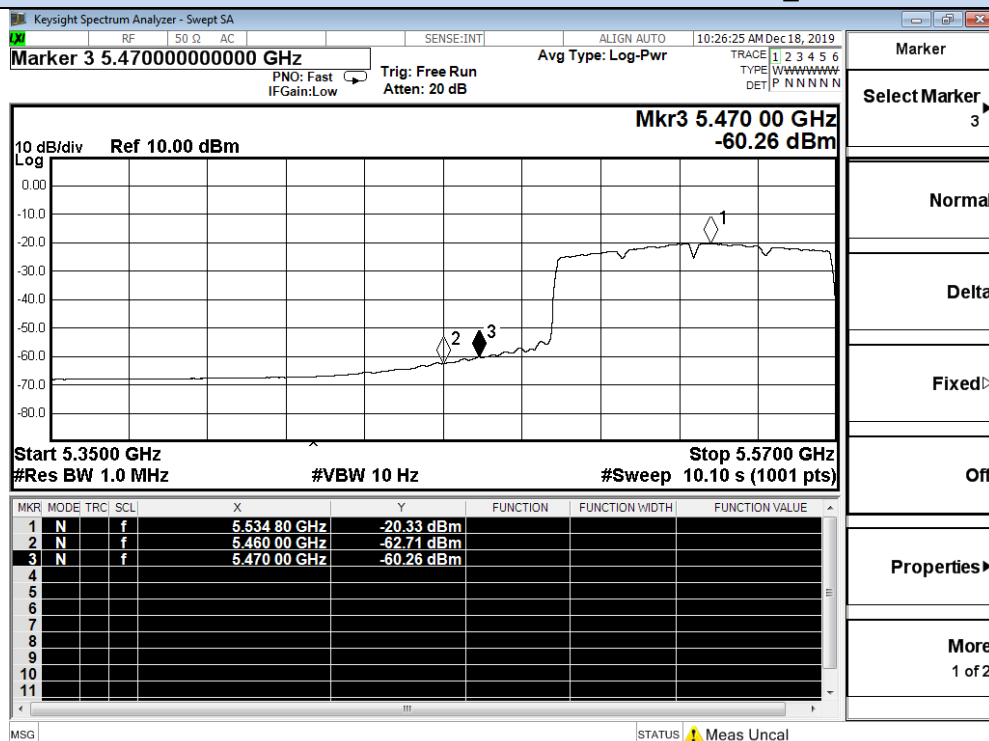
IEEE 802.11ac40 / Channel 134/ 5670MHz / Peak_Ant0



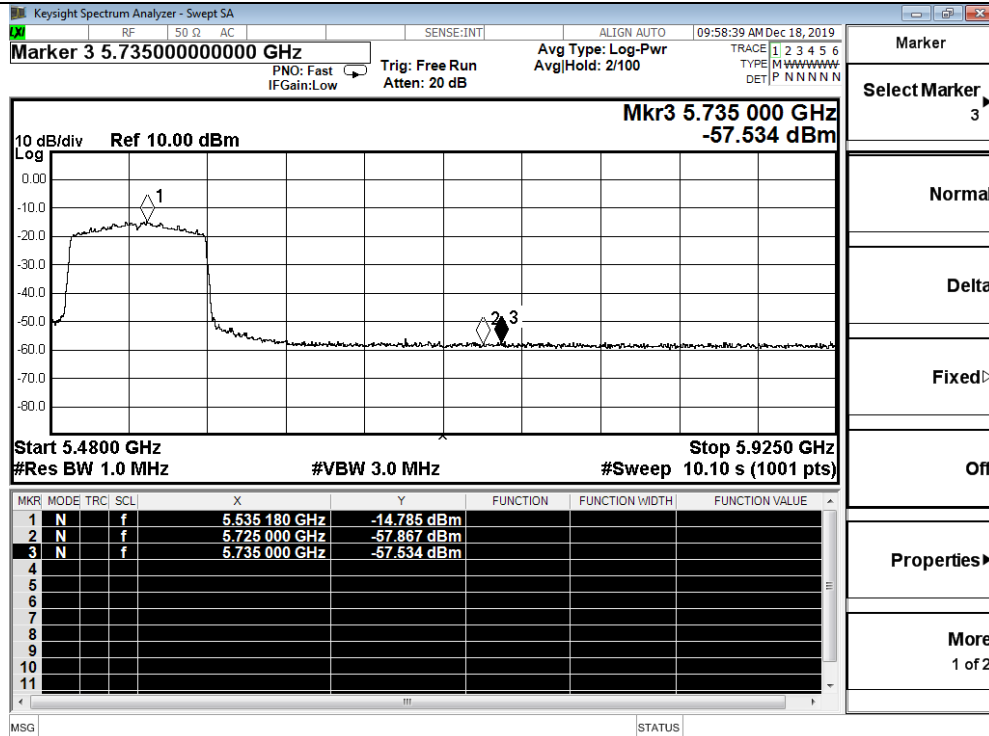
IEEE 802.11ac40 / Channel 134 / 5670MHz / Average_Ant0



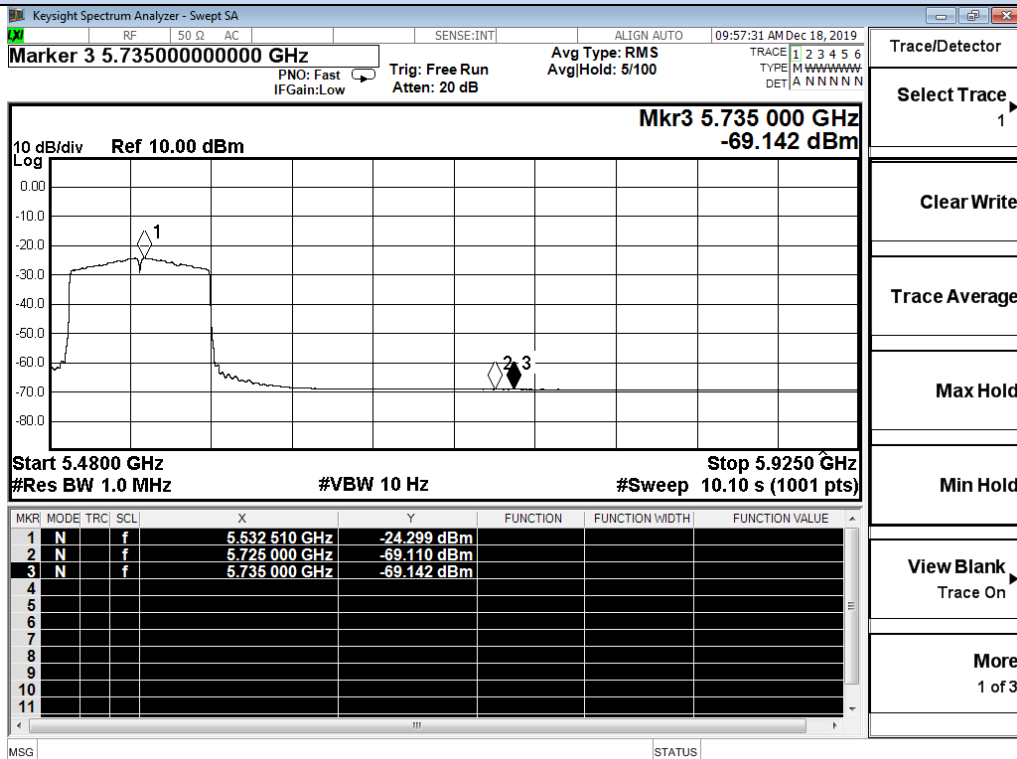
IEEE 802.11ac80 / Channel 106 / 5530MHz / Peak_Ant0



IEEE 802.11ac80 / Channel 106 / 5530MHz / Average_Ant0

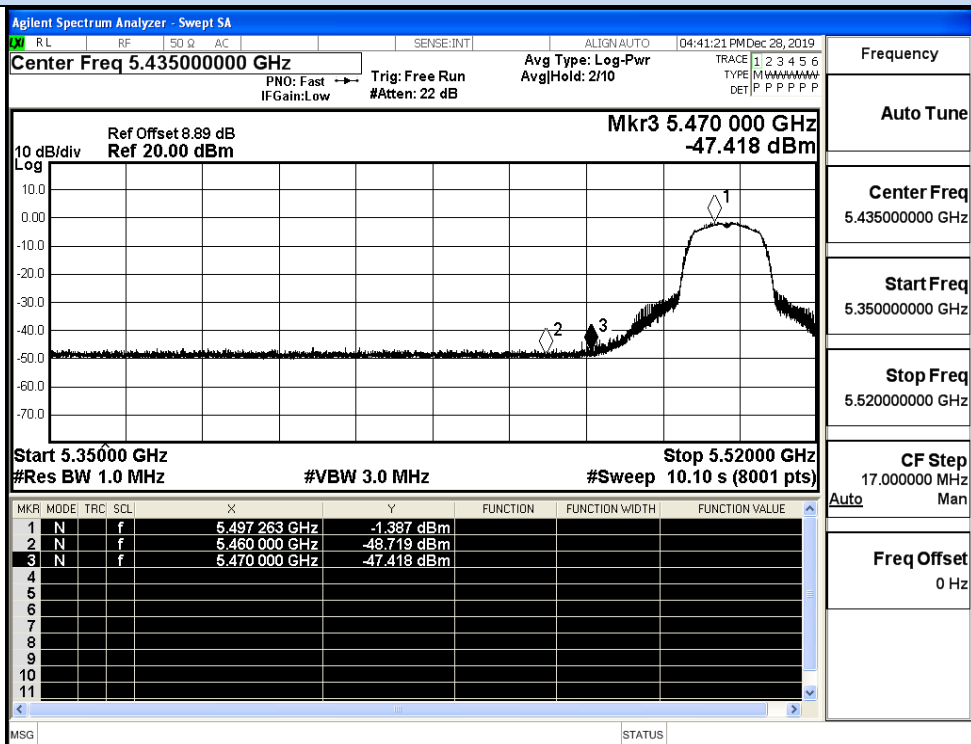


IEEE 802.11ac80 / Channel 138/ 5690MHz / Peak_Ant0

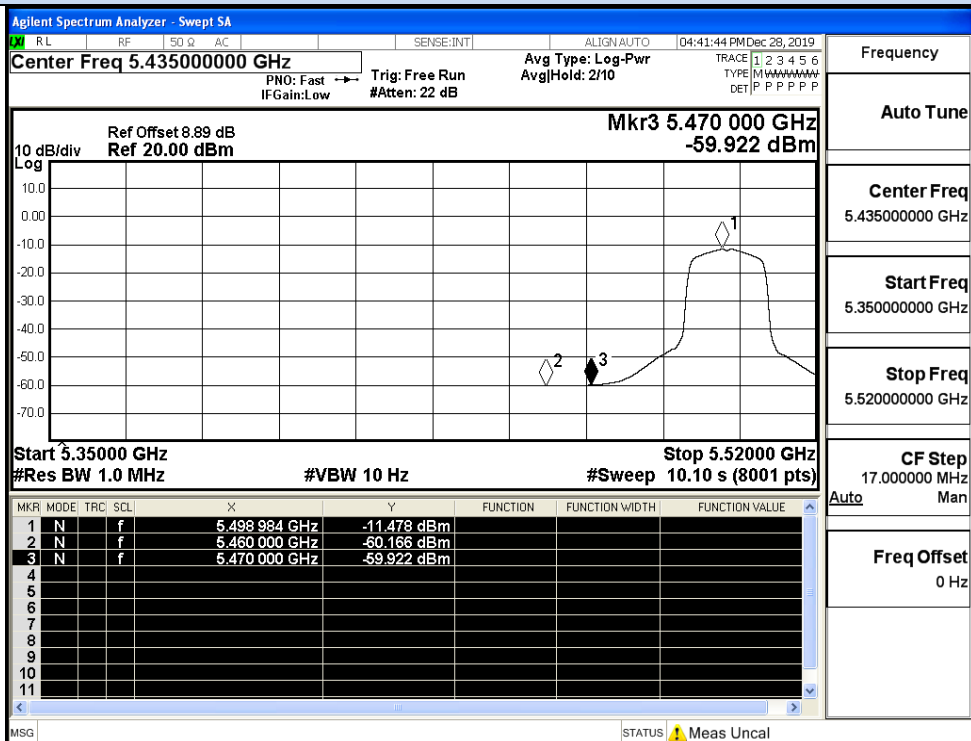


IEEE 802.11ac80 / Channel 138 / 5690MHz / Average_Ant0

Undesirable Emissions Measurement

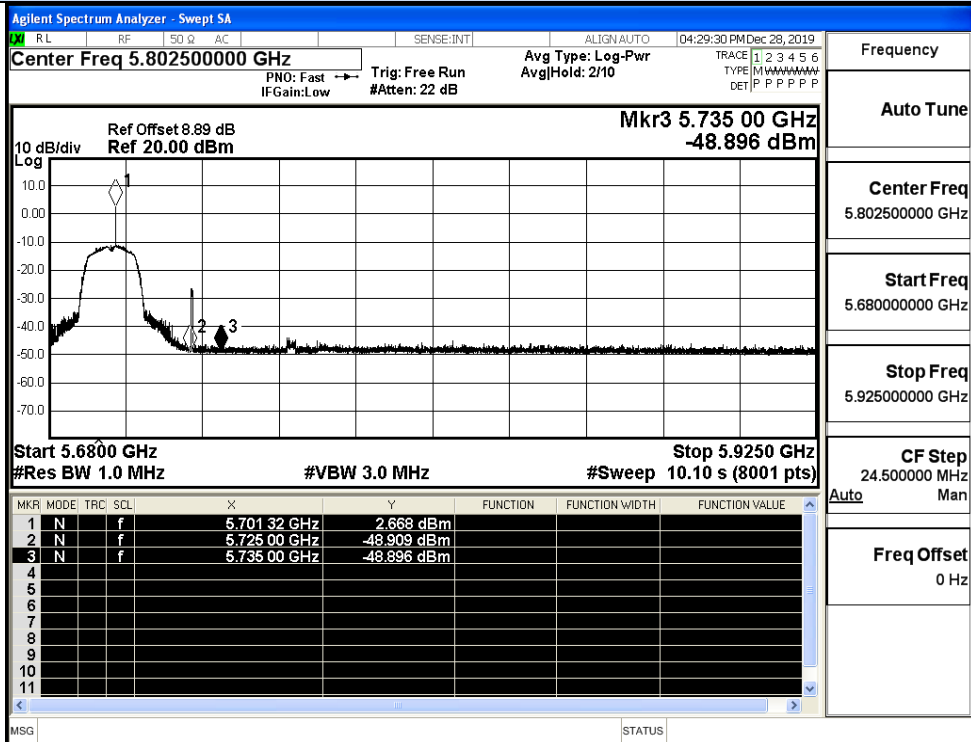


IEEE 802.11a / Channel 100 / 5500MHz / Peak_Ant1

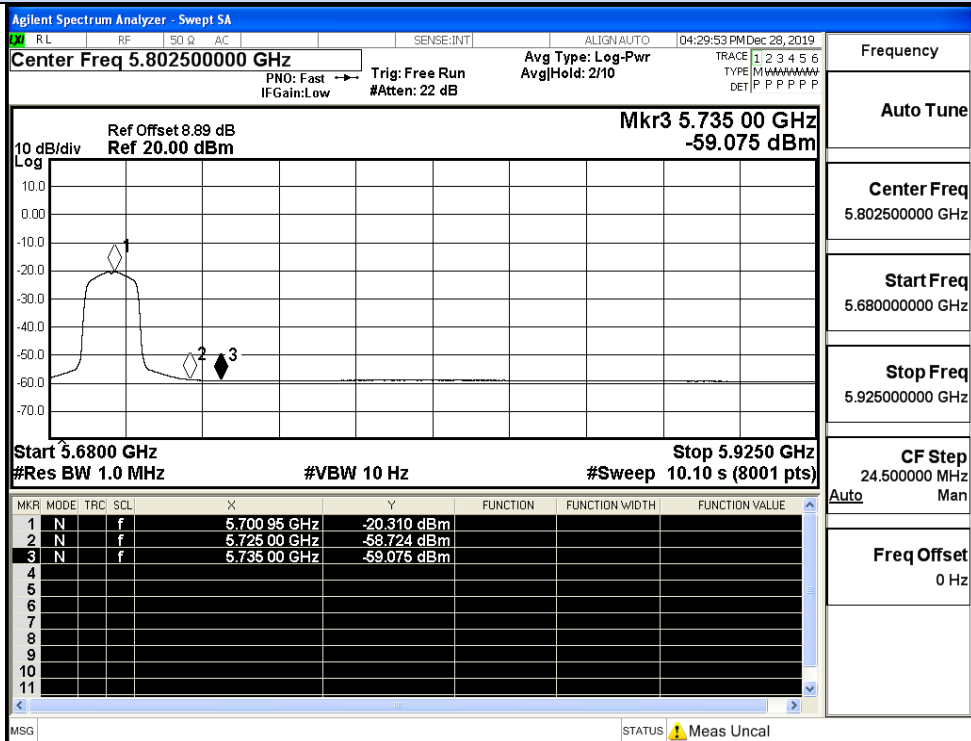


IEEE 802.11a / Channel 100 / 5500MHz / Average_Ant1

Undesirable Emissions Measurement

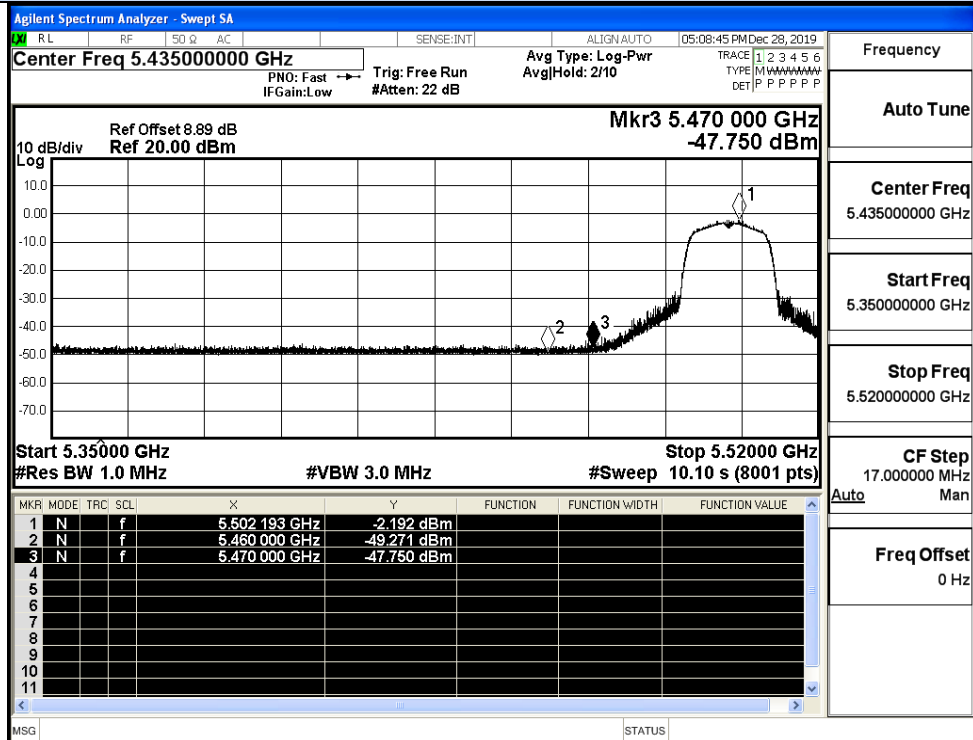


IEEE 802.11a / Channel 140 / 5700MHz / Peak_Ant1

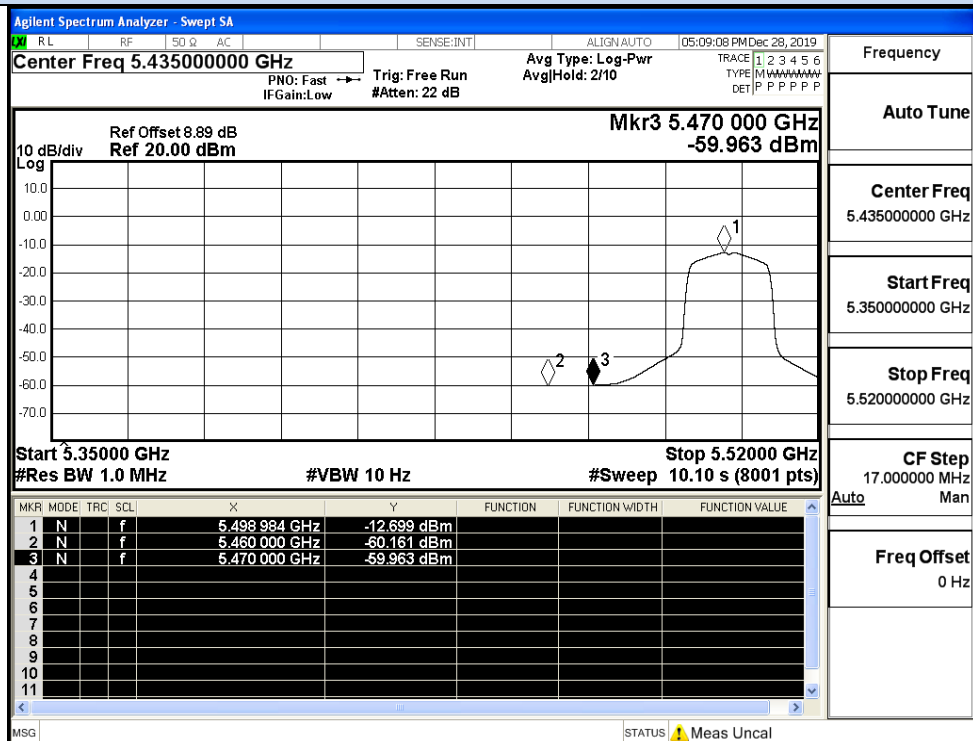


IEEE 802.11a / Channel 140 / 5700MHz / Average_Ant1

Undesirable Emissions Measurement

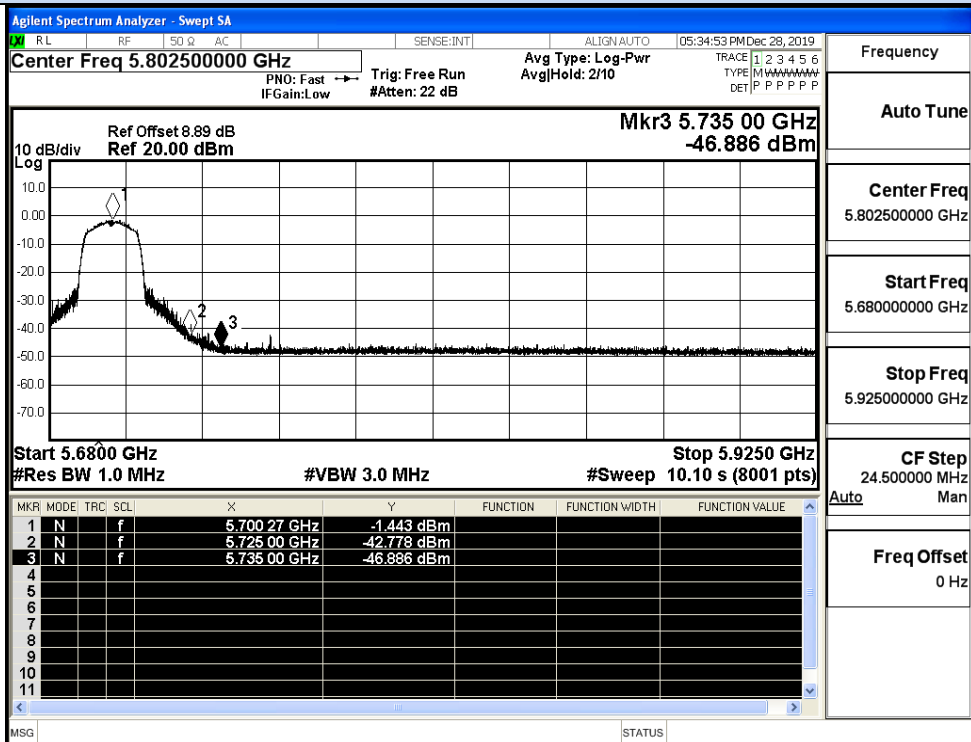


IEEE 802.11n20 / Channel 100 / 5500MHz / Peak_Ant1

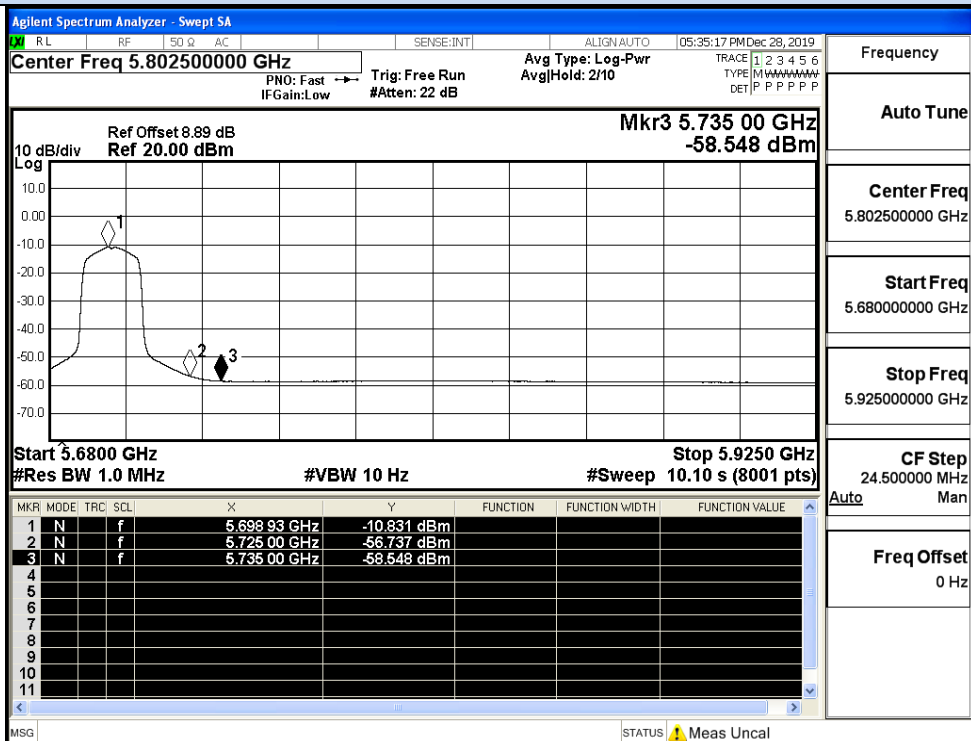


IEEE 802.11n20 / Channel 100 / 5500MHz / Average_Ant1

Undesirable Emissions Measurement

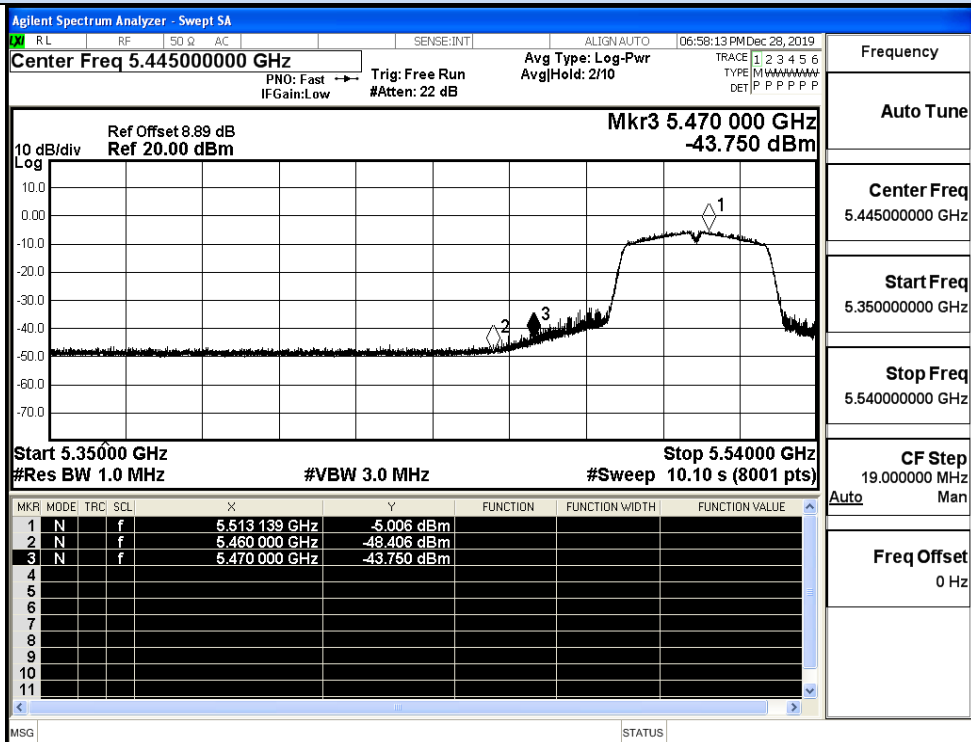


IEEE 802.11n20 / Channel 140 / 5700MHz / Peak_Ant1

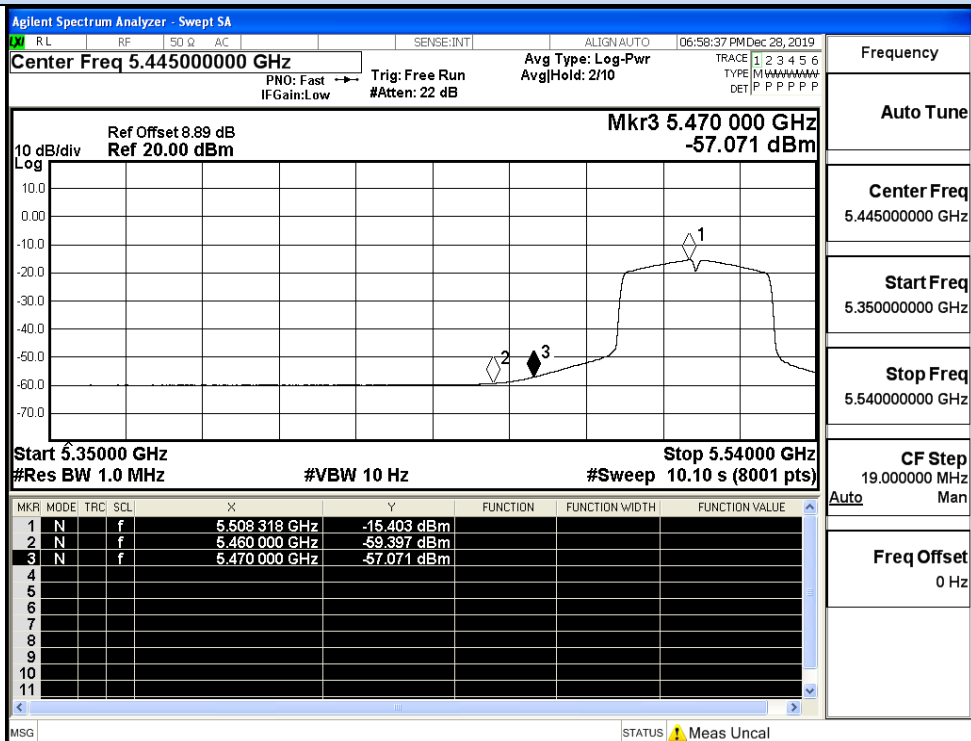


IEEE 802.11n20 / Channel 140 / 5700MHz / Average_Ant1

Undesirable Emissions Measurement

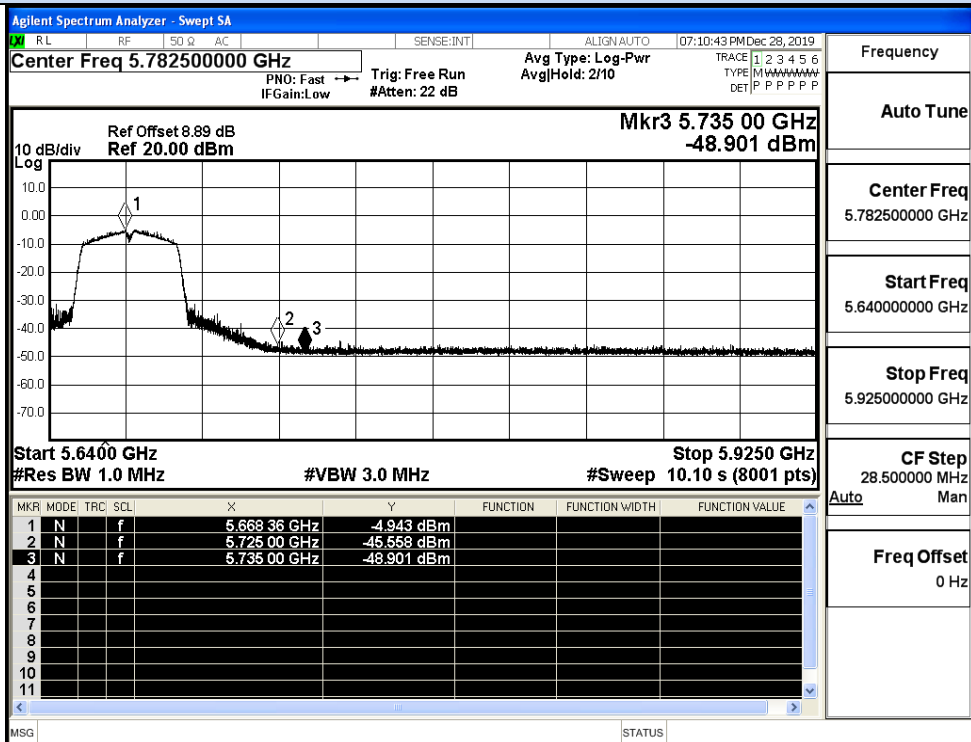


IEEE 802.11n40 / Channel 102 / 5510MHz / Peak_Ant1

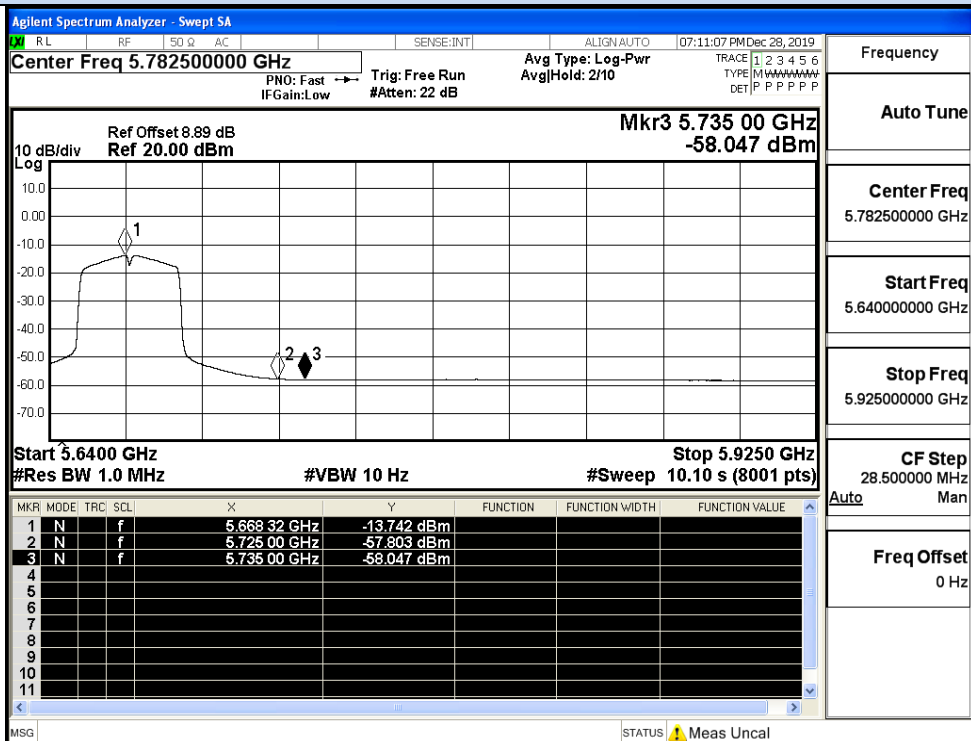


IEEE 802.11n40 / Channel 102 / 5510MHz / Average_Ant1

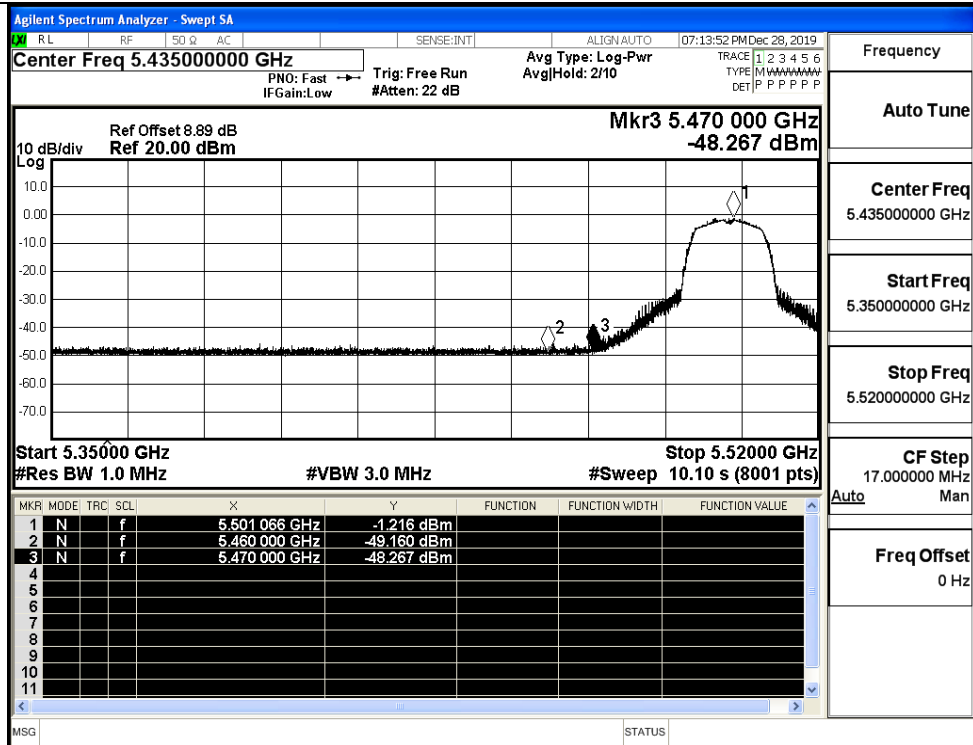
Undesirable Emissions Measurement



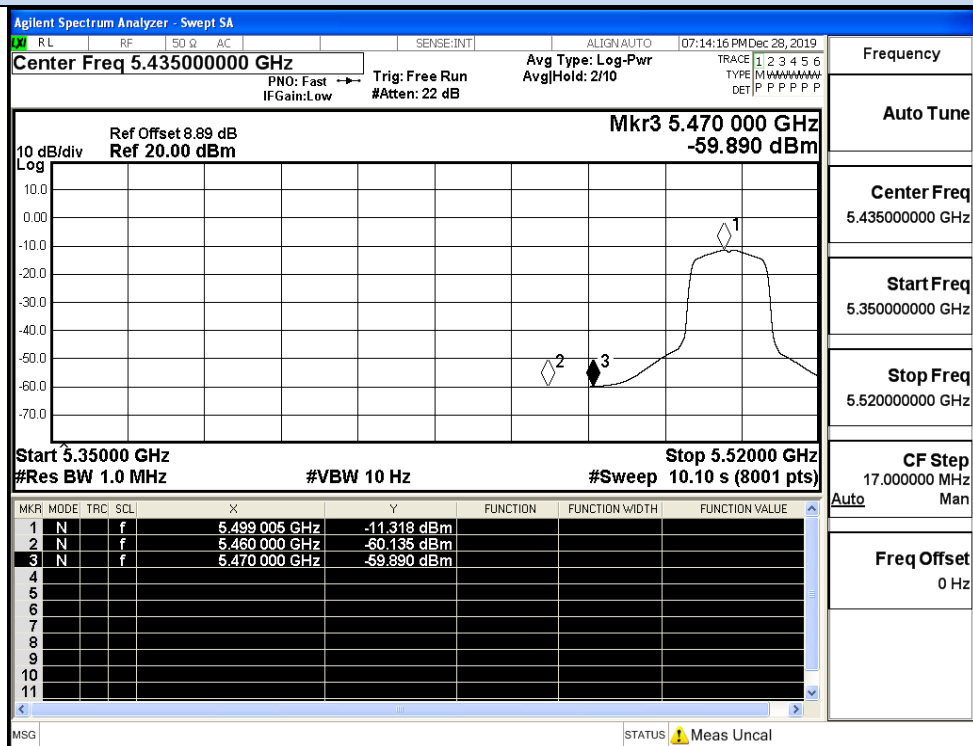
IEEE 802.11n40 / Channel 134 / 5670MHz / Peak_Ant1



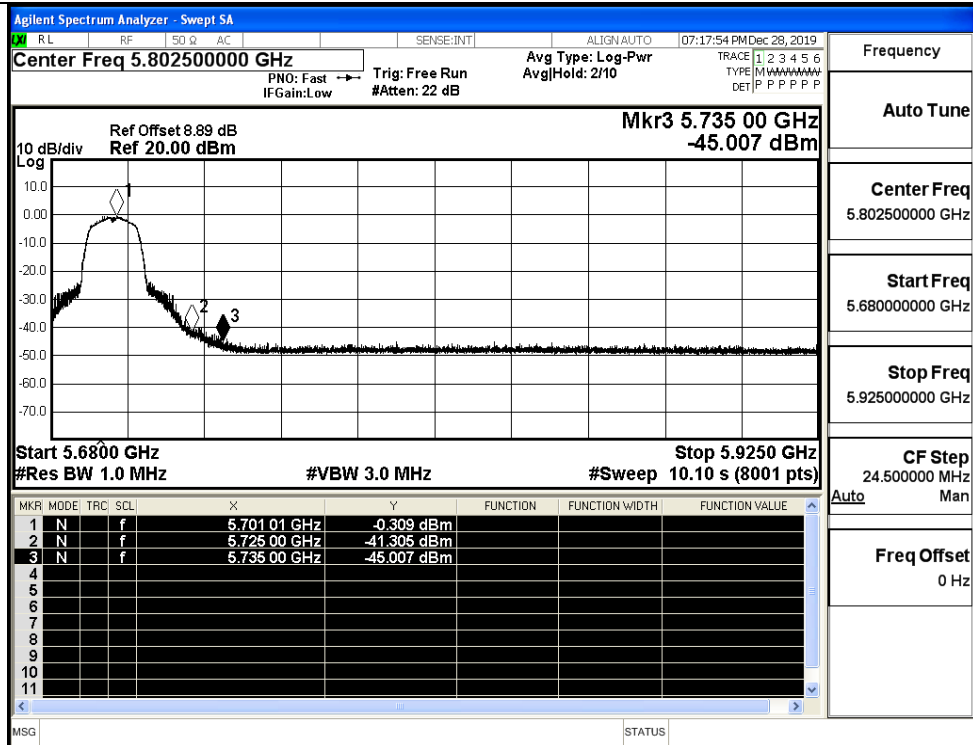
IEEE 802.11n40 / Channel 134 / 5670MHz / Average_Ant1



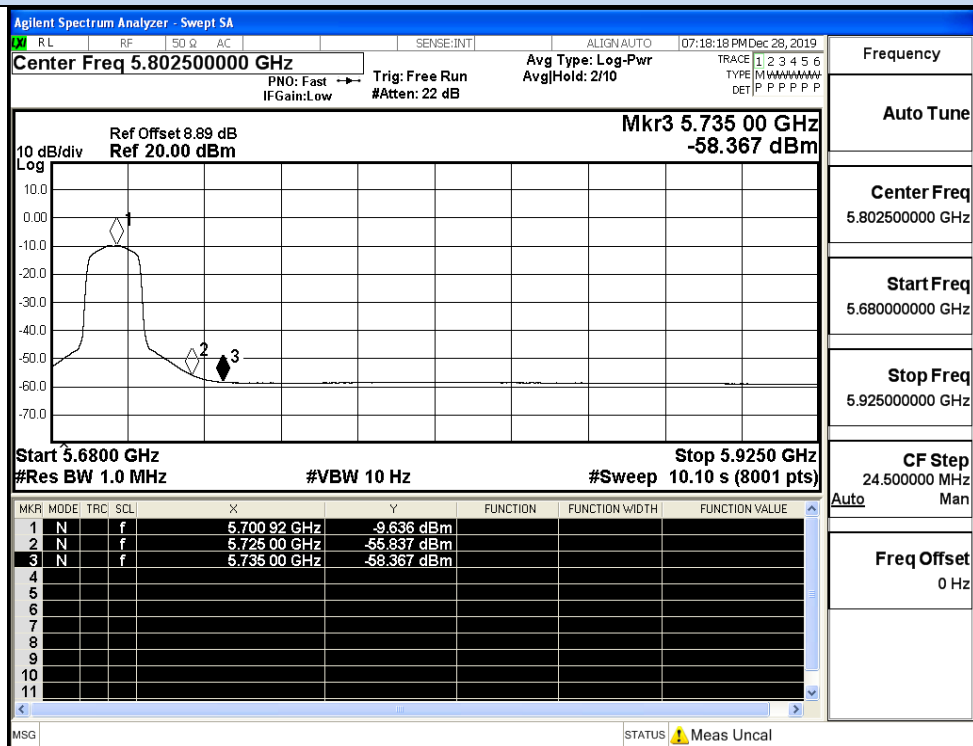
IEEE 802.11ac20 / Channel 100 / 5500MHz / Peak_Ant1



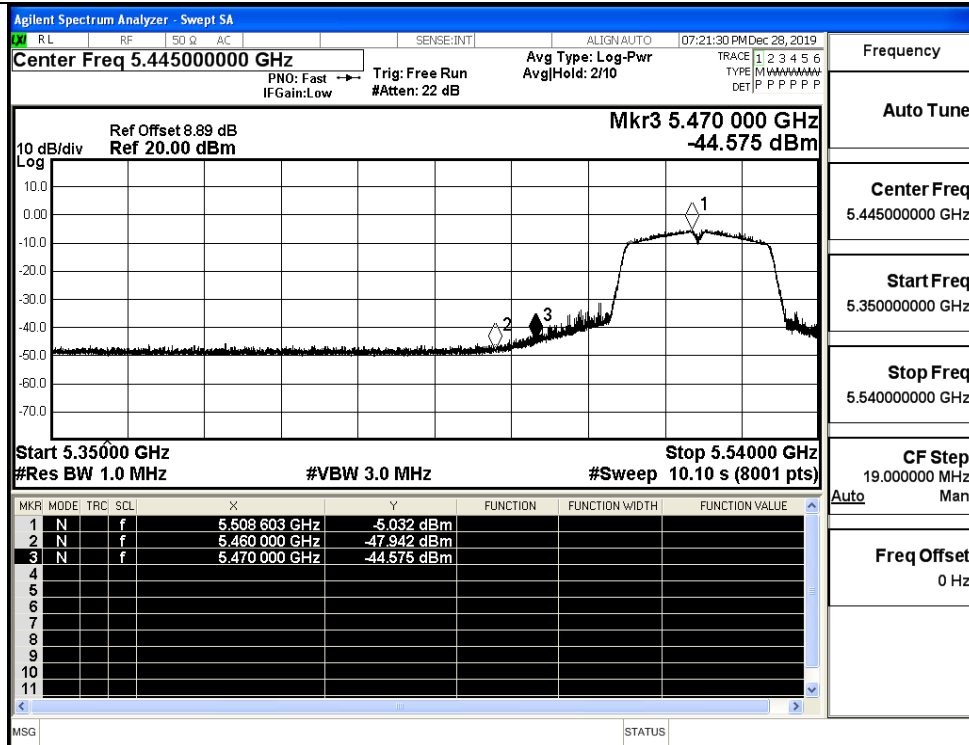
IEEE 802.11ac20 / Channel 100 / 5500MHz / Average_Ant1



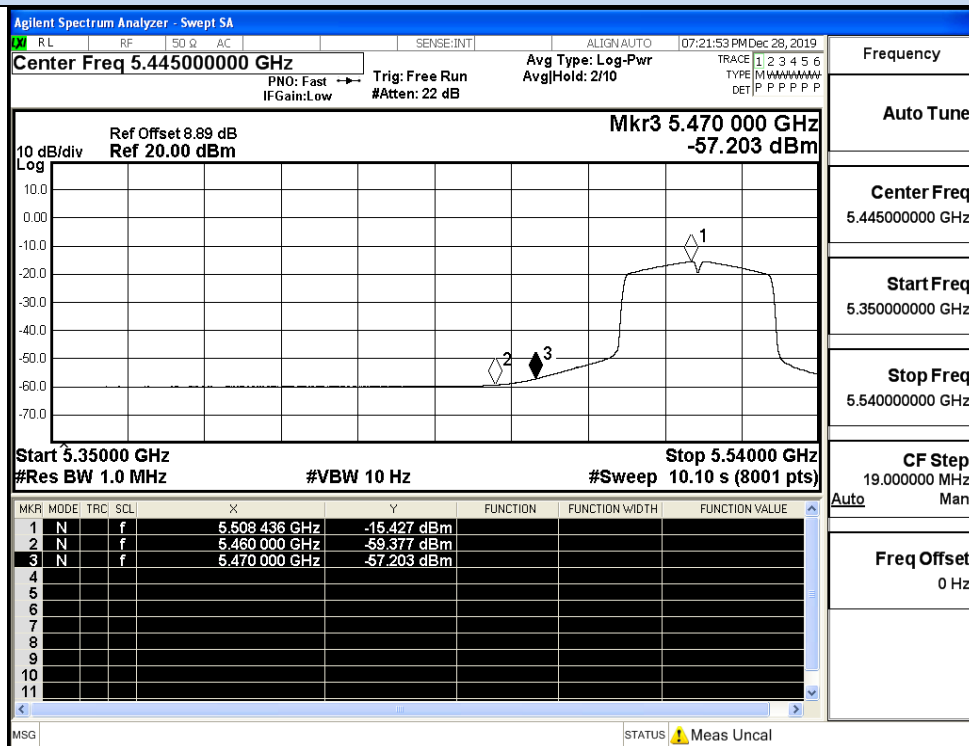
IEEE 802.11ac20 / Channel 140 / 5700MHz / Peak_Ant1



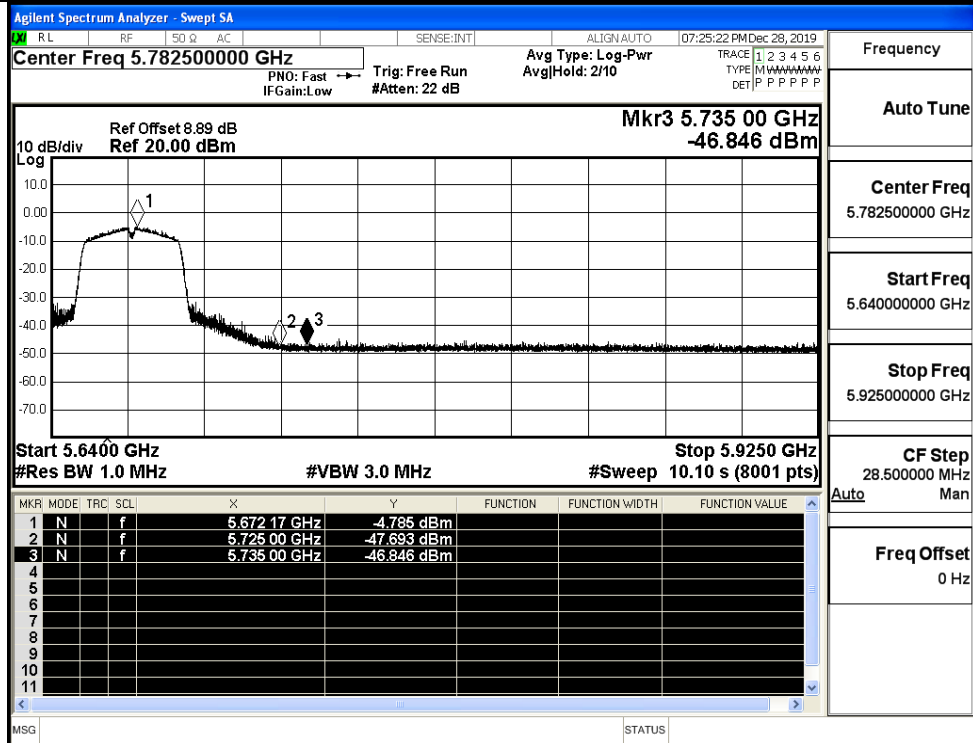
IEEE 802.11ac20 / Channel 140 / 5700MHz / Average_Ant1



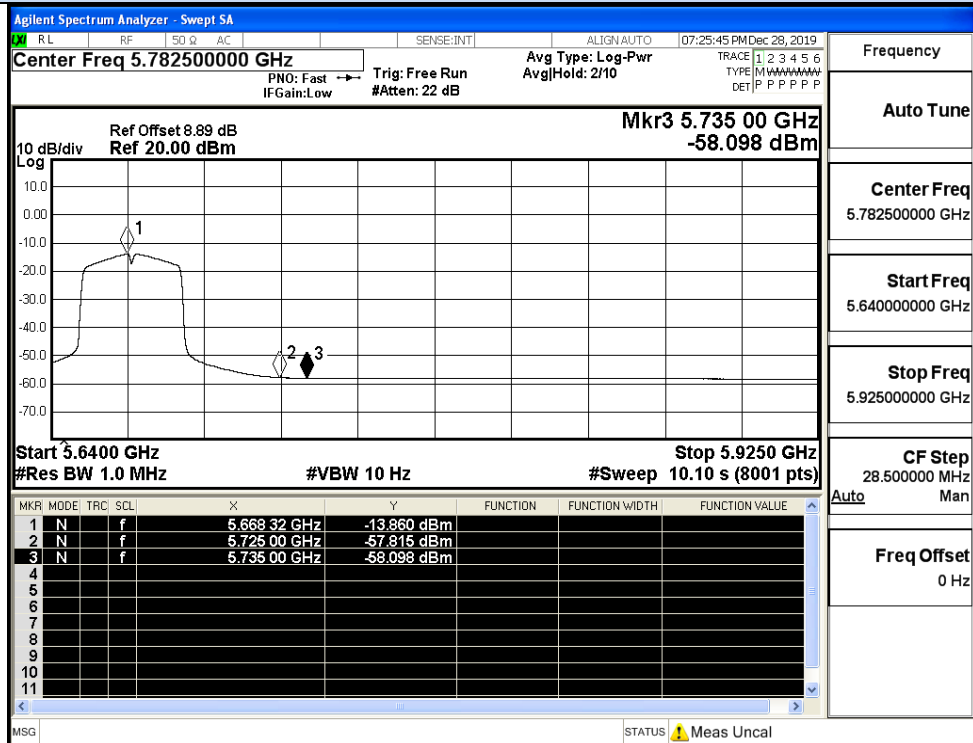
IEEE 802.11ac40 / Channel 102/ 5510MHz / Peak_Ant1



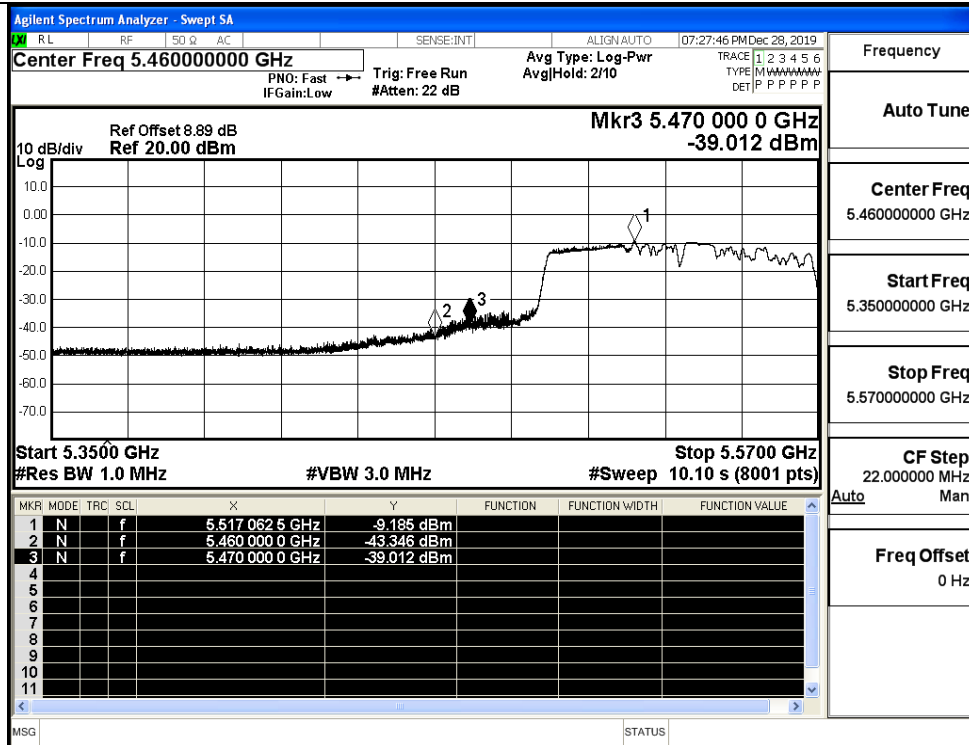
IEEE 802.11ac40 / Channel 102 / 5510MHz / Average_Ant1



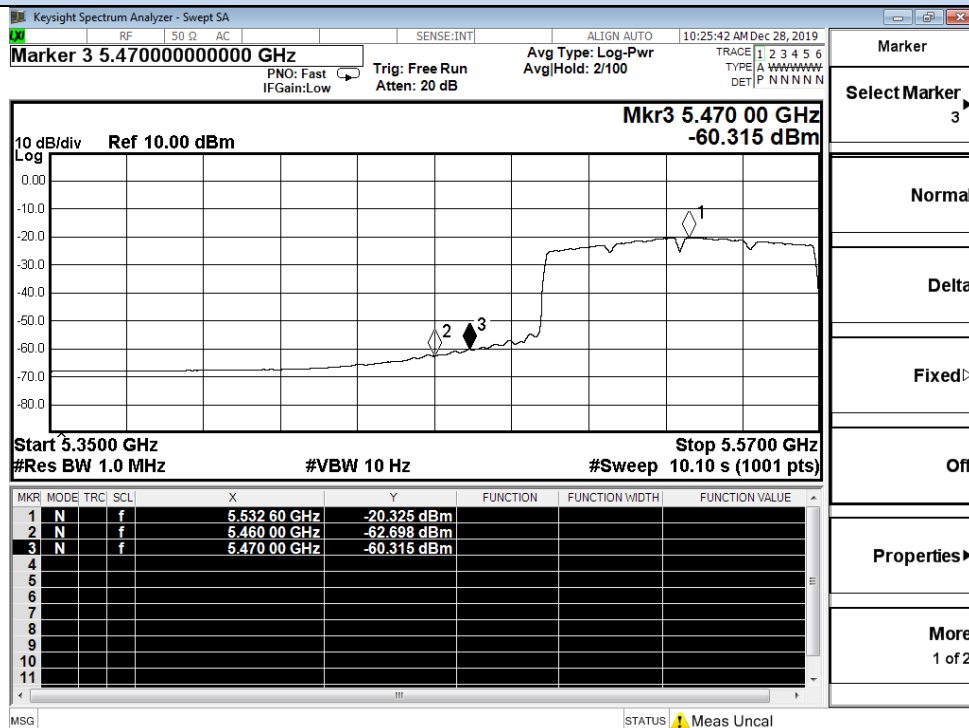
IEEE 802.11ac40 / Channel 134/ 5670MHz / Peak_Ant1



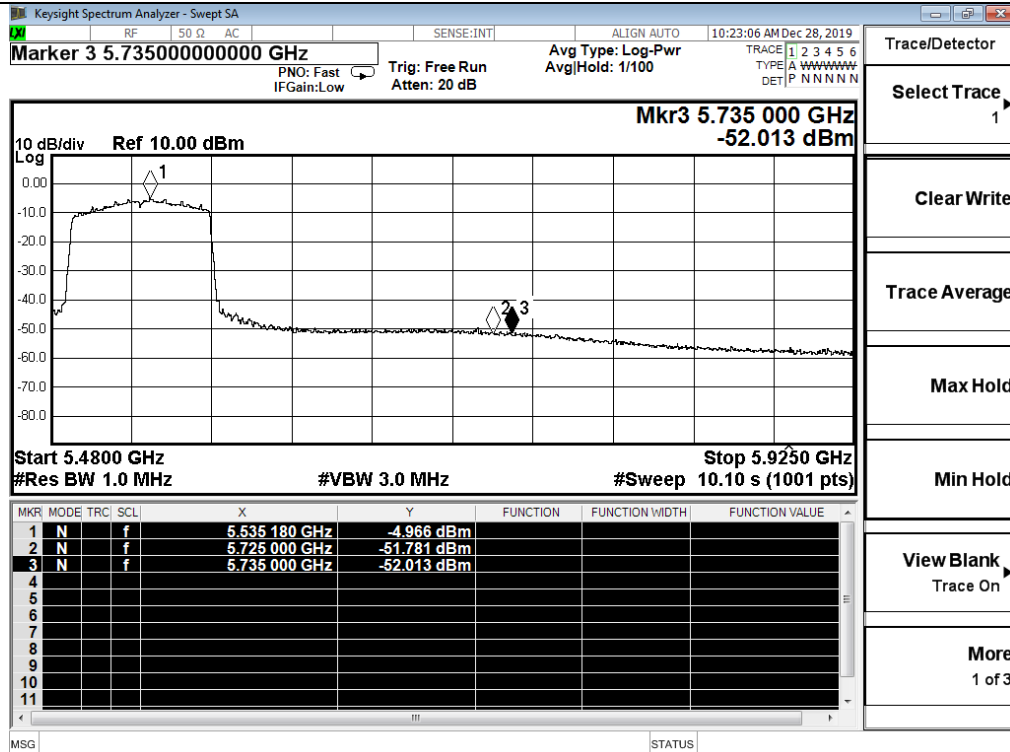
IEEE 802.11ac40 / Channel 134 / 5670MHz / Average_Ant1



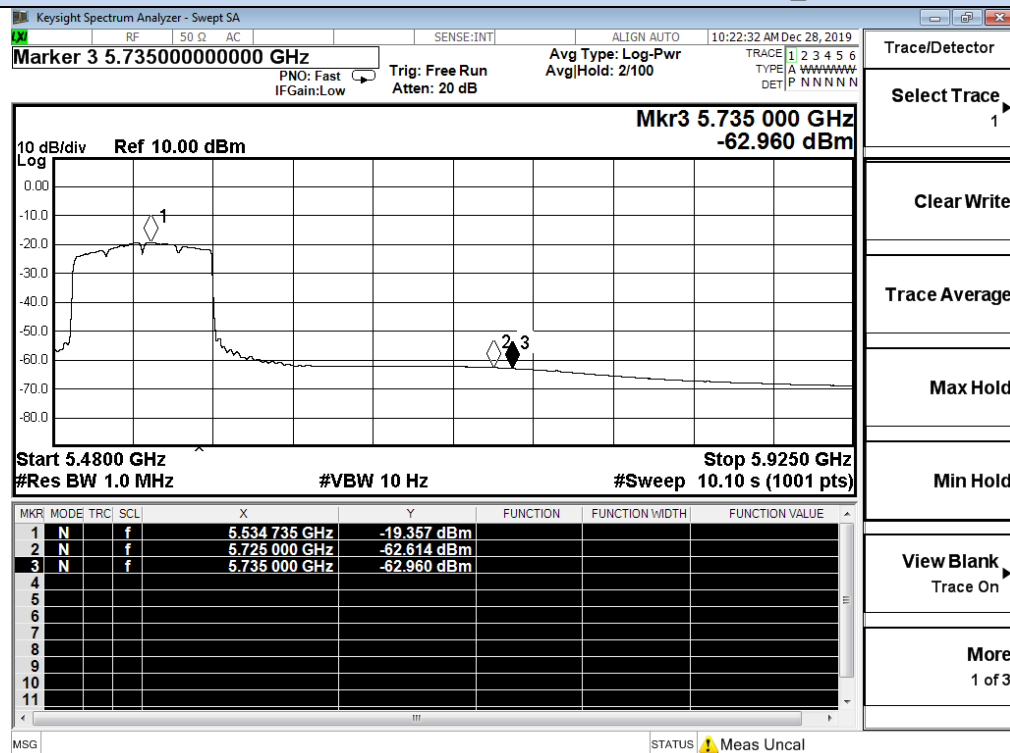
IEEE 802.11ac80 / Channel 106 / 5530MHz / Peak_Ant1



IEEE 802.11ac80 / Channel 106 / 5530MHz / Average_Ant1



IEEE 802.11ac80 / Channel 138 / 5690MHz / Peak_Ant1



IEEE 802.11ac80 / Channel 138 / 5690MHz / Average_Ant1