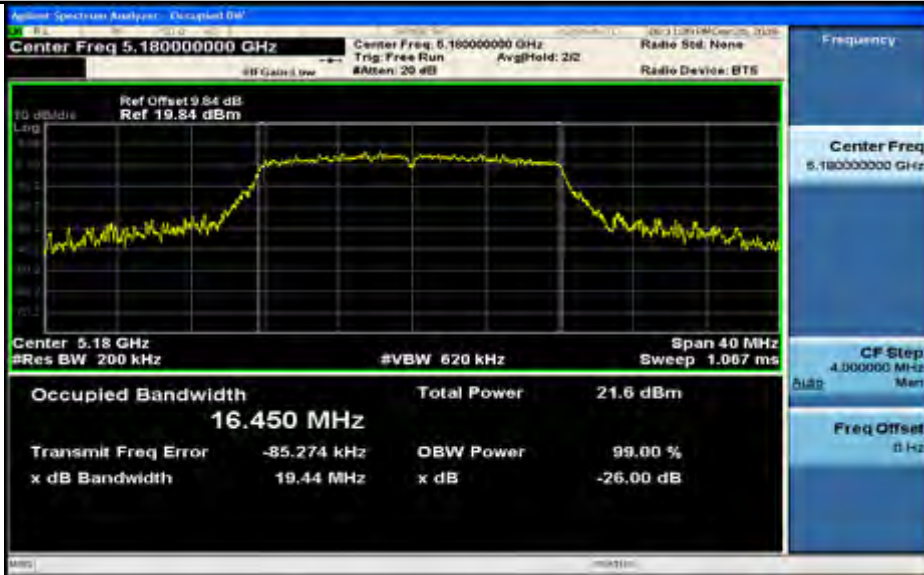


Appendix B for SHEM181200012402

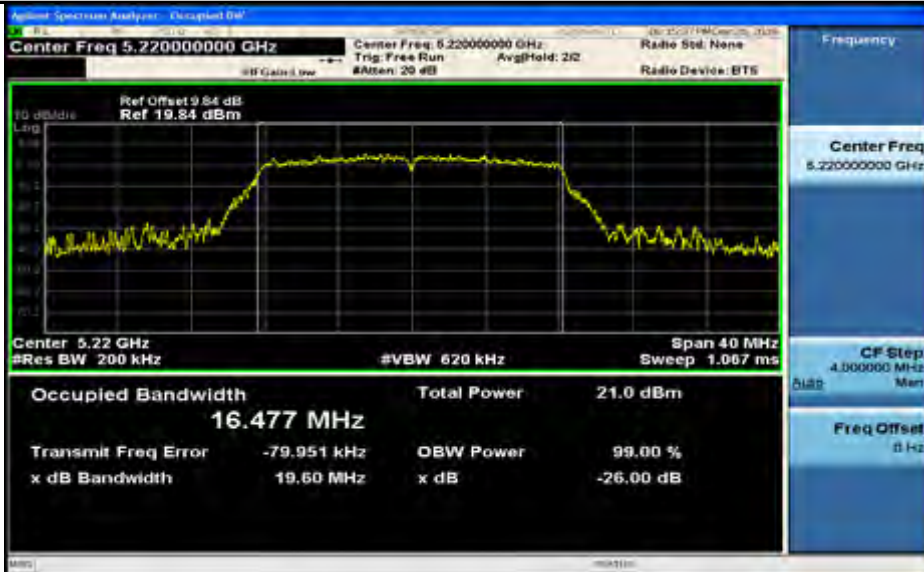
1.Emission Bandwidth Measurement

Test Mode	Test Channel	EBW[MHz]		Limit[MHz]	Verdict
		Ant1	Ant2		
11A	5180	19.44	19.44	---	PASS
11A	5220	19.60	19.53	---	PASS
11A	5240	19.61	19.41	---	PASS
11A	5745	19.53	20.19	---	PASS
11A	5785	19.47	19.93	---	PASS
11A	5825	19.54	20.27	---	PASS
11N20	5180	19.88	19.76	---	PASS
11N20	5220	19.96	19.77	---	PASS
11N20	5240	19.88	19.74	---	PASS
11N20	5745	19.92	19.92	---	PASS
11N20	5785	19.97	20.87	---	PASS
11N20	5825	20.07	20.44	---	PASS
11N40	5190	39.97	39.47	---	PASS
11N40	5230	39.85	39.64	---	PASS
11N40	5755	40.20	40.06	---	PASS
11N40	5795	39.90	39.95	---	PASS
11AC20	5180	19.94	19.58	---	PASS
11AC20	5220	19.87	19.87	---	PASS
11AC20	5240	19.98	19.96	---	PASS
11AC20	5745	19.97	19.65	---	PASS
11AC20	5785	19.95	19.78	---	PASS
11AC20	5825	20.02	19.81	---	PASS
11AC40	5190	40.25	39.47	---	PASS
11AC40	5230	40.05	39.41	---	PASS
11AC40	5755	39.80	39.95	---	PASS
11AC40	5795	39.97	39.34	---	PASS
11AC80	5210	80.99	79.99	---	PASS
11AC80	5775	79.32	79.65	---	PASS

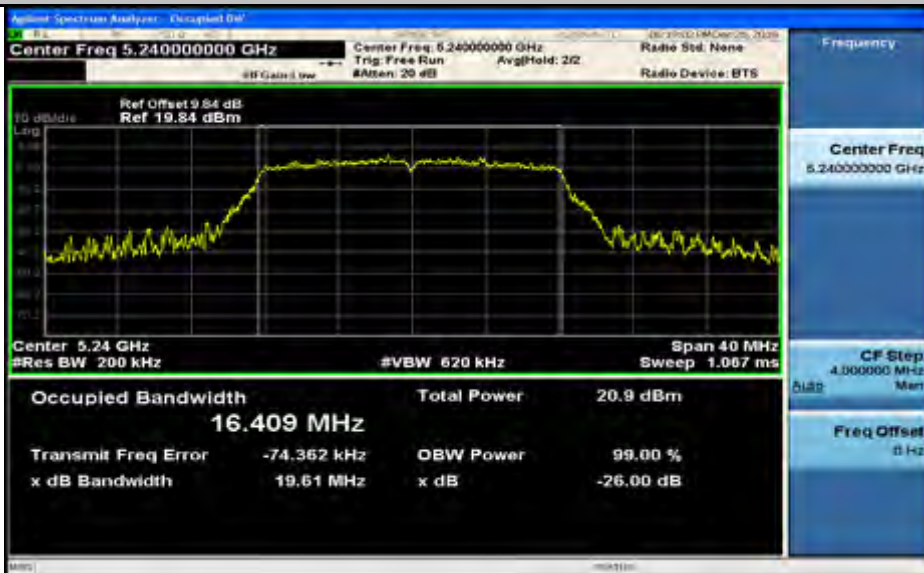
Emission Bandwidth Measurement_11A_5180_Ant1



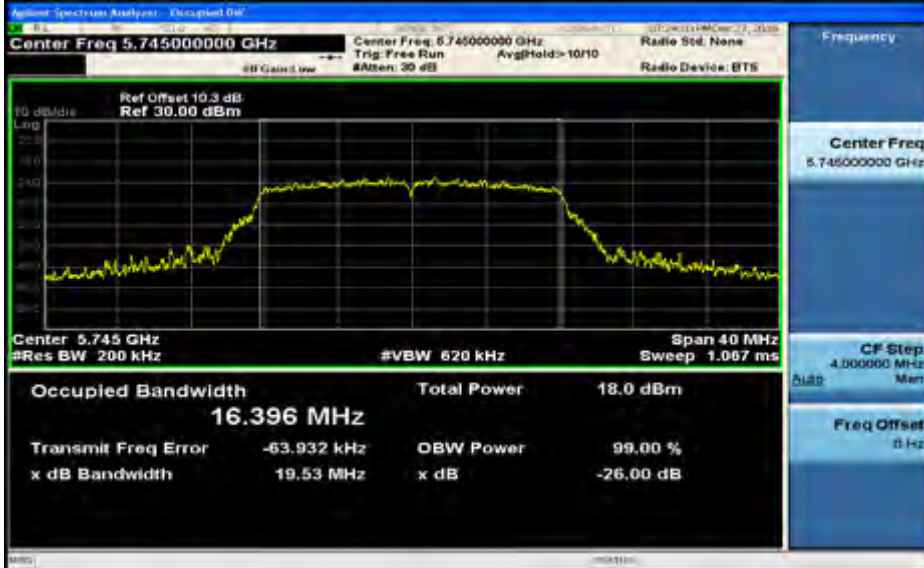
Emission Bandwidth Measurement_11A_5220_Ant1



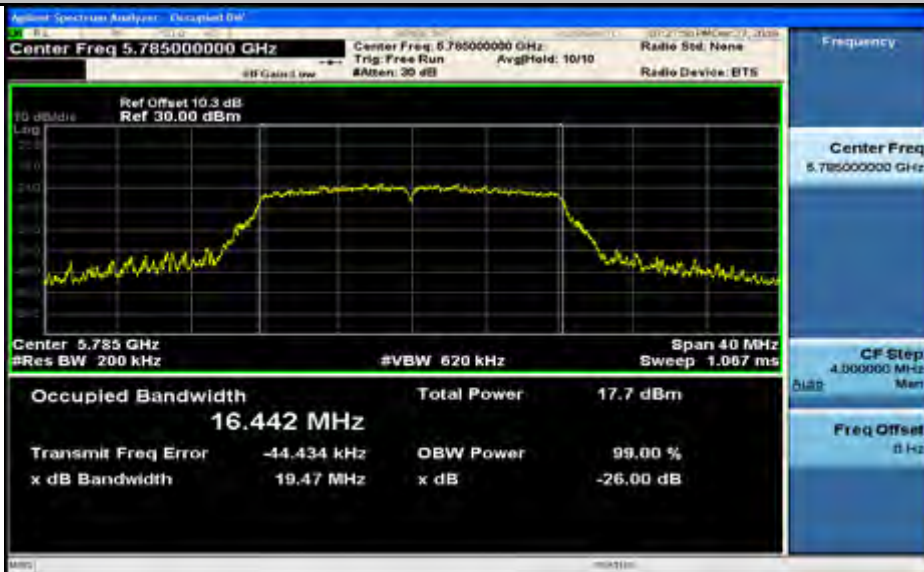
Emission Bandwidth Measurement_11A_5240_Ant1



Emission Bandwidth Measurement_11A_5745_Ant1



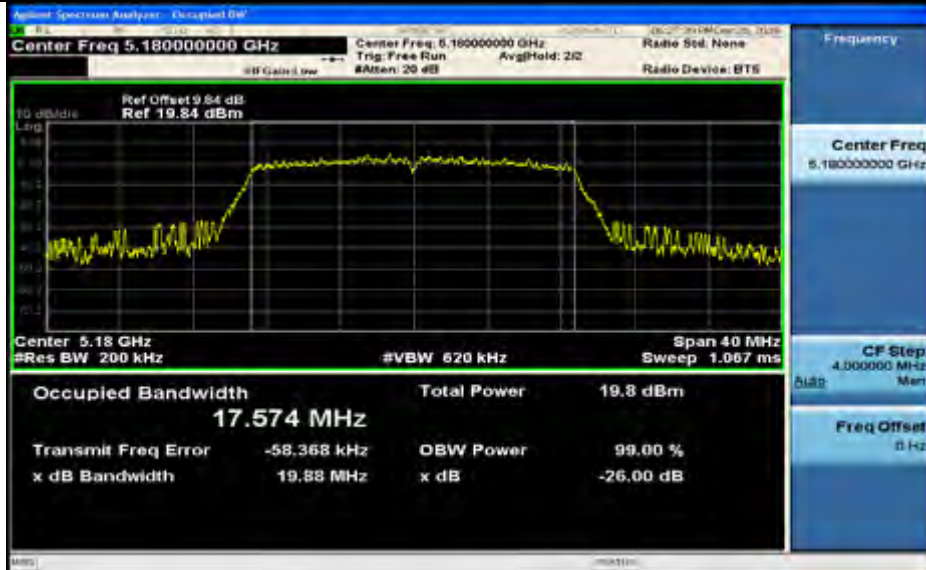
Emission Bandwidth Measurement_11A_5785_Ant1



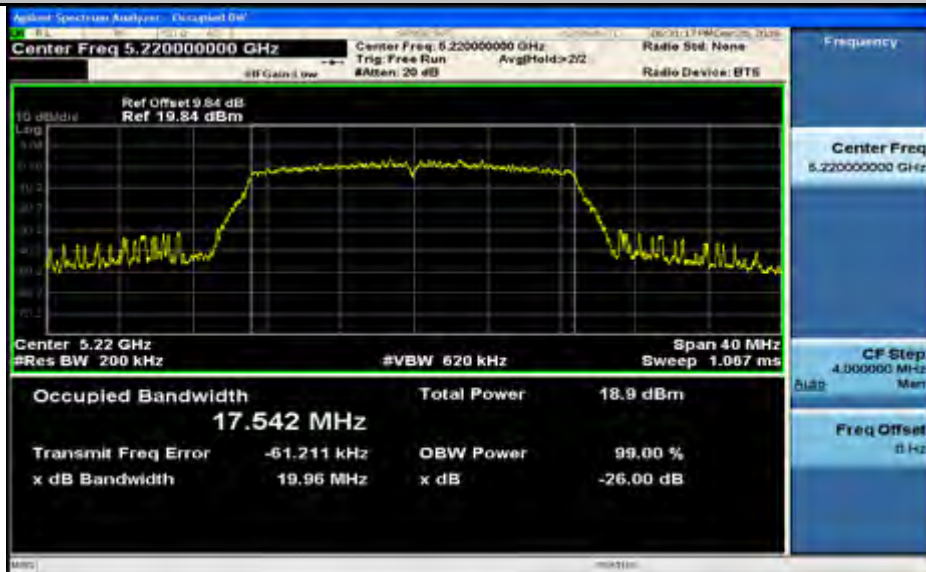
Emission Bandwidth Measurement_11A_5825_Ant1



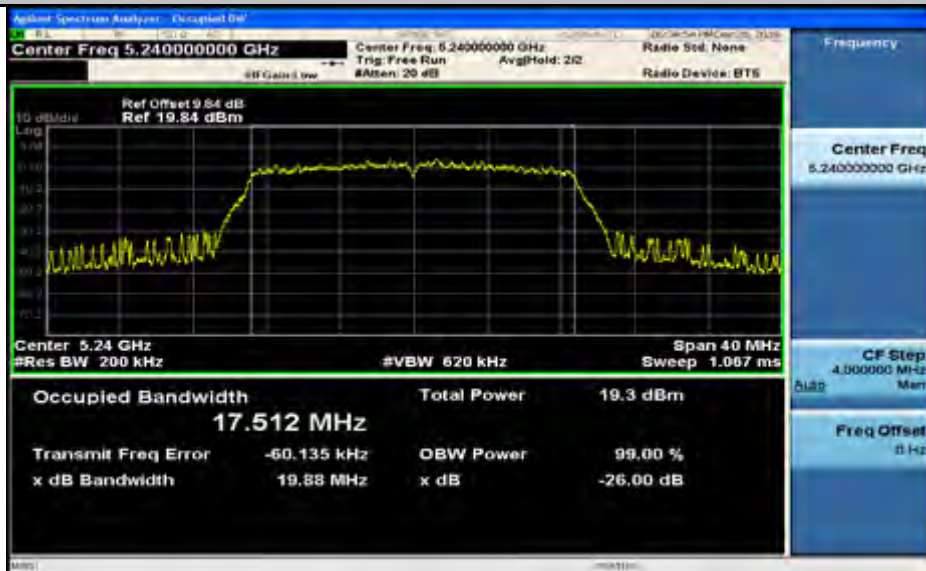
Emission Bandwidth Measurement_11N20_5180_Ant1



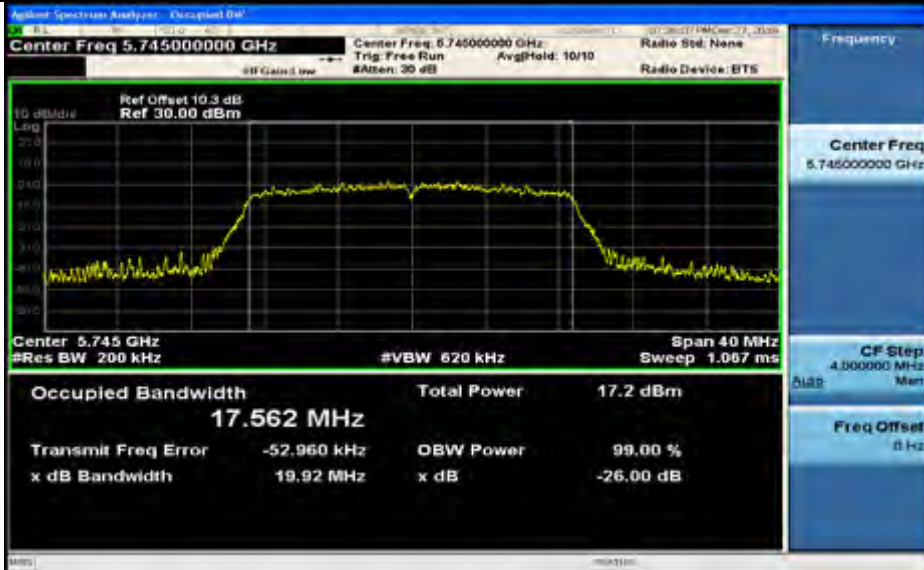
Emission Bandwidth Measurement_11N20_5220_Ant1



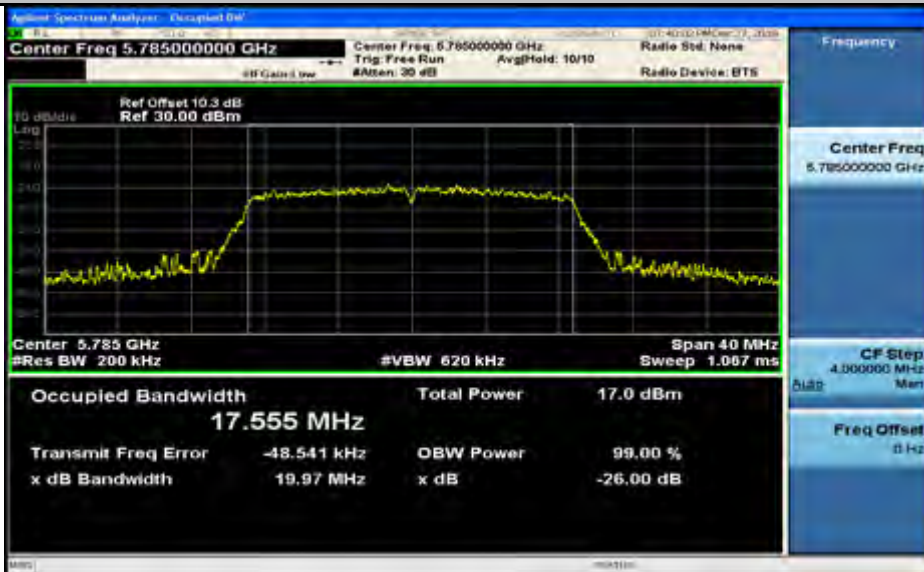
Emission Bandwidth Measurement_11N20_5240_Ant1



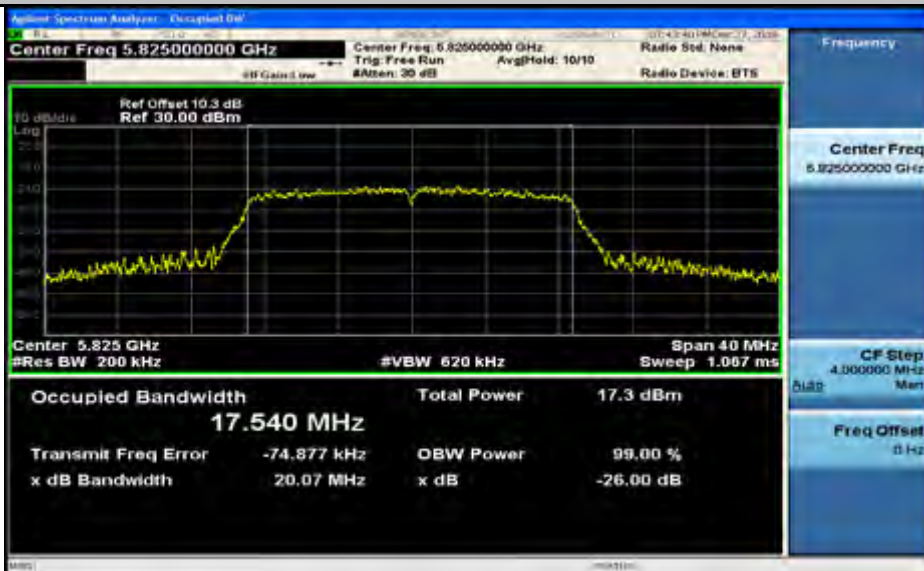
Emission Bandwidth Measurement_11N20_5745_Ant1



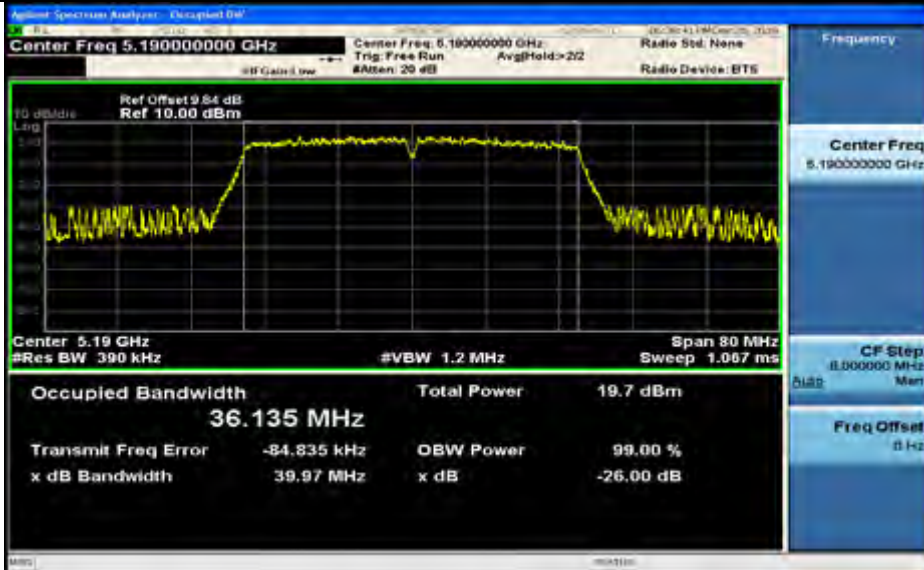
Emission Bandwidth Measurement_11N20_5785_Ant1



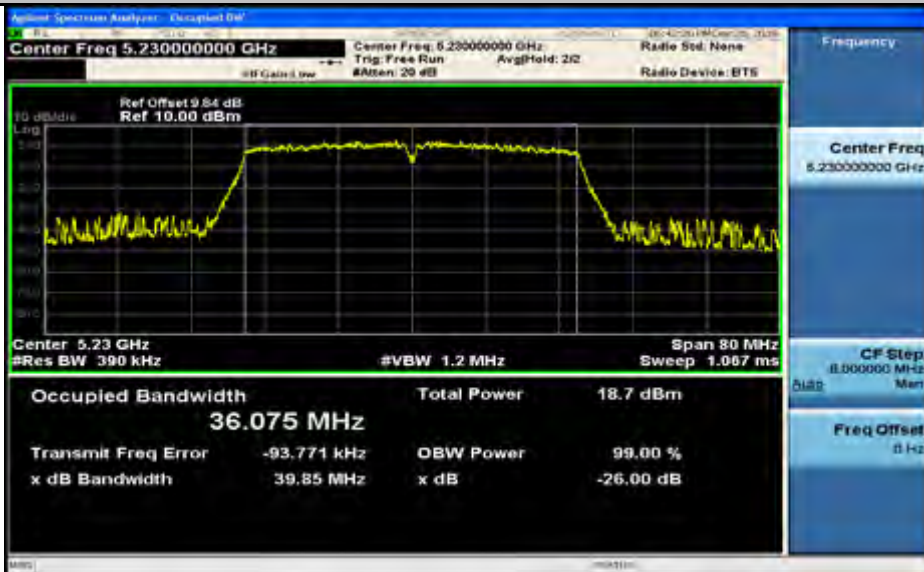
Emission Bandwidth Measurement_11N20_5825_Ant1



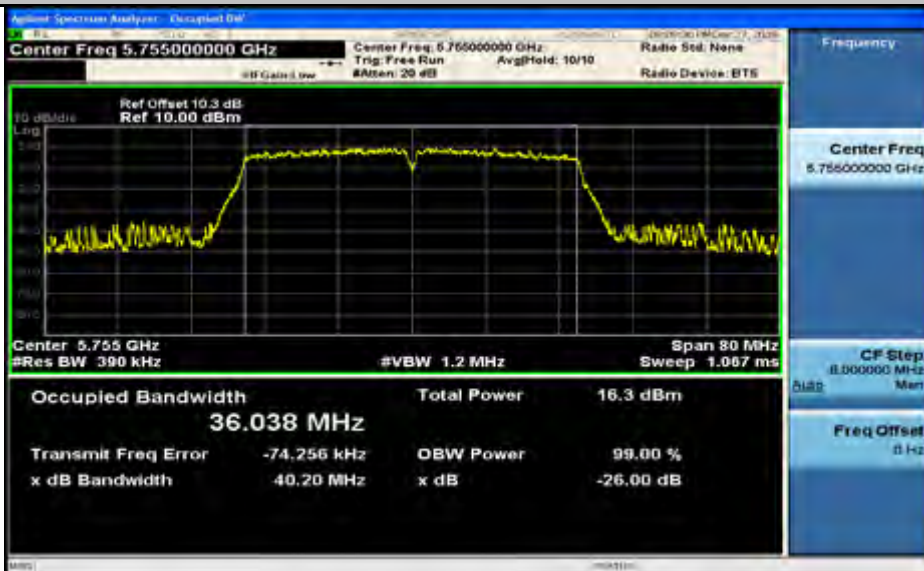
Emission Bandwidth Measurement_11N40_5190_Ant1



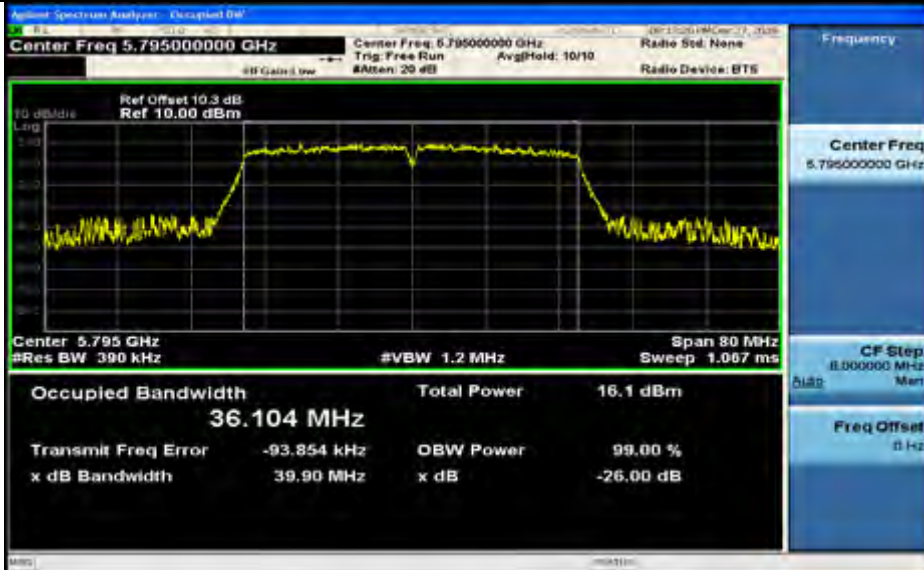
Emission Bandwidth Measurement_11N40_5230_Ant1



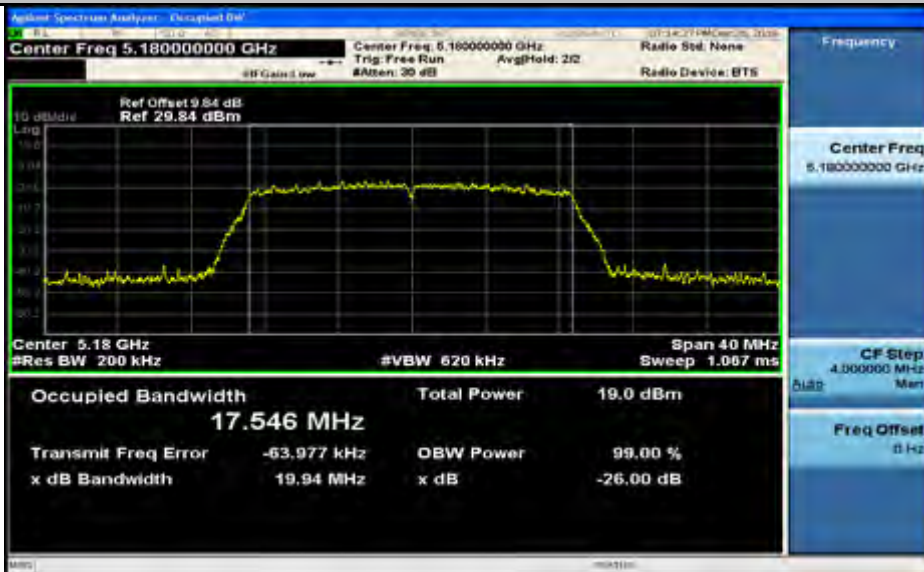
Emission Bandwidth Measurement_11N40_5755_Ant1



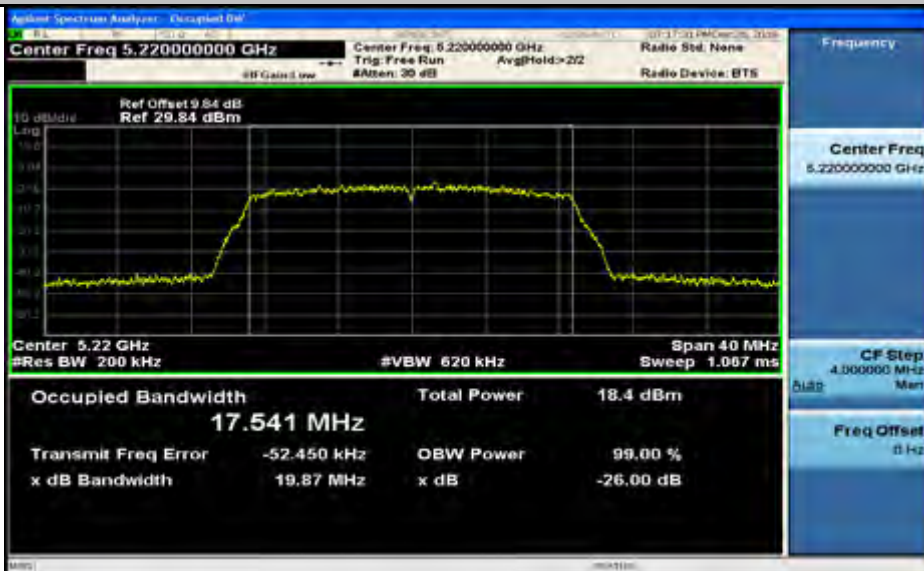
Emission Bandwidth Measurement_11N40_5795_Ant1



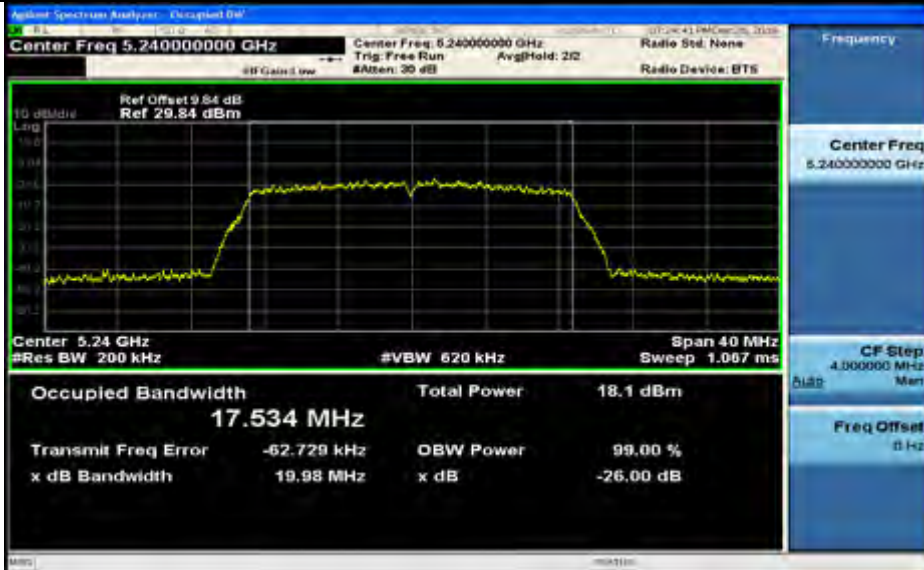
Emission Bandwidth Measurement_11AC20_5180_Ant1



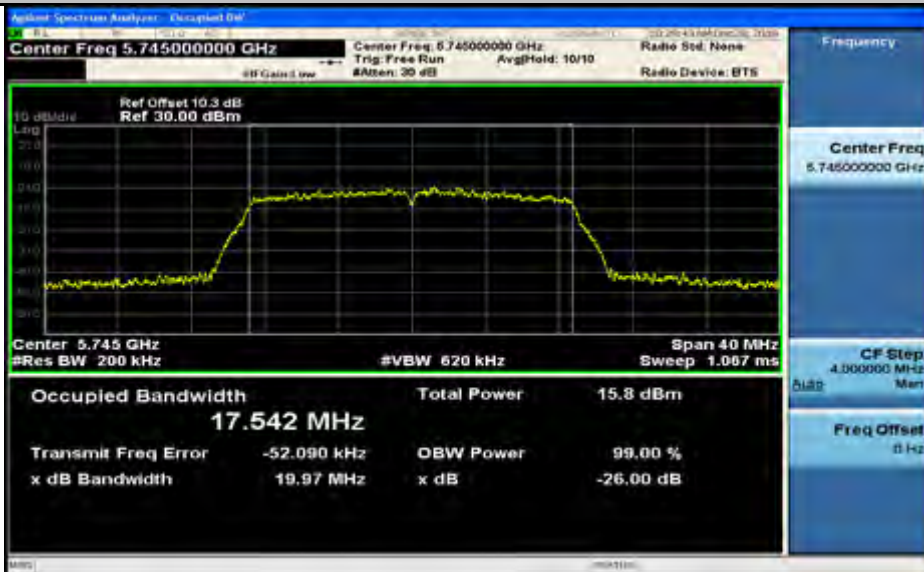
Emission Bandwidth Measurement_11AC20_5220_Ant1



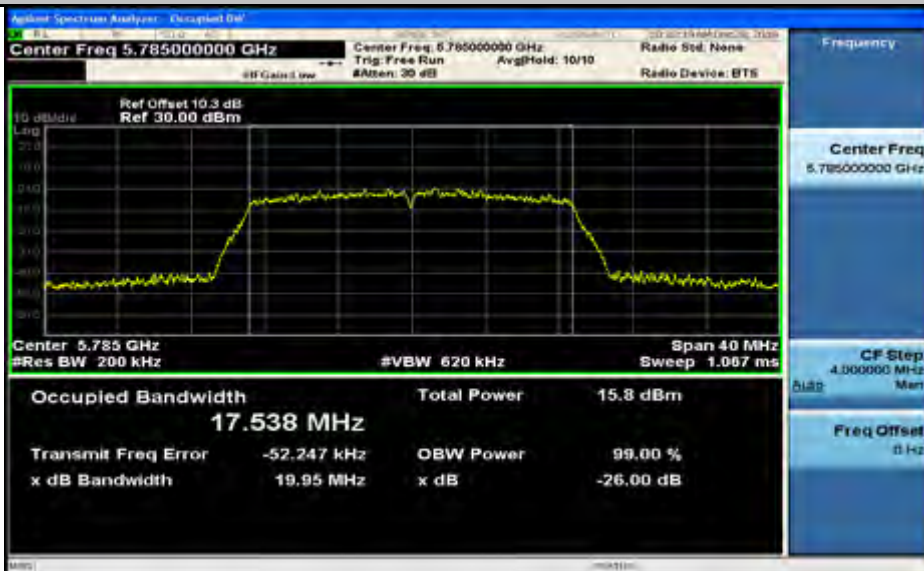
Emission Bandwidth Measurement_11AC20_5240_Ant1



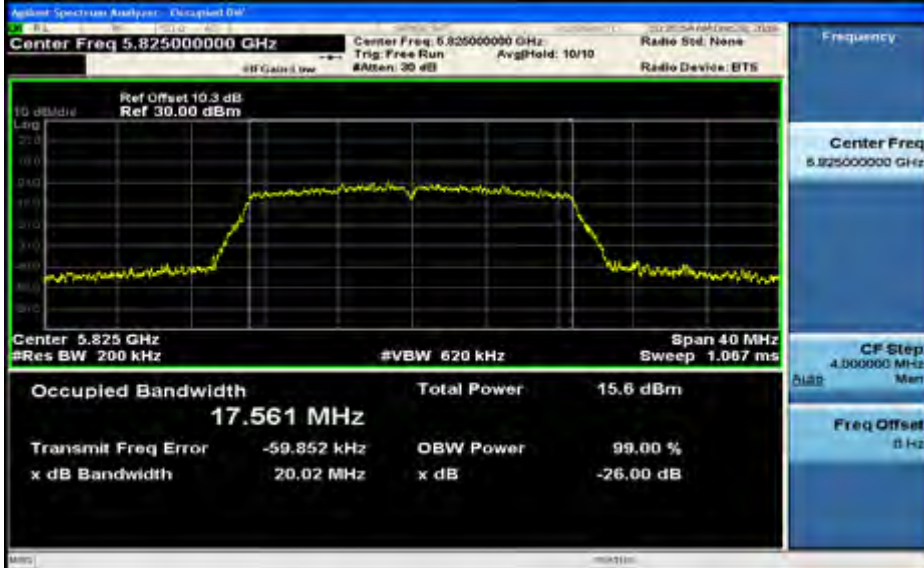
Emission Bandwidth Measurement_11AC20_5745_Ant1



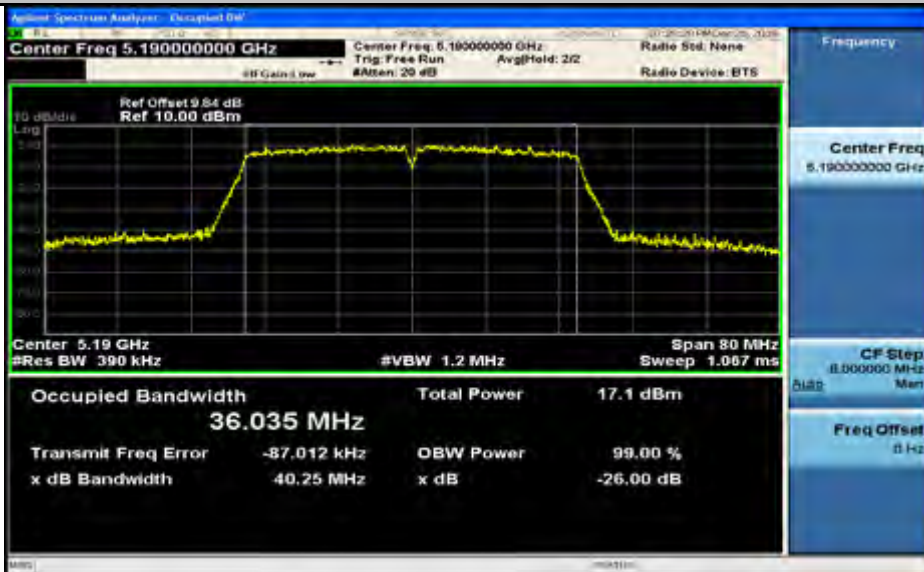
Emission Bandwidth Measurement_11AC20_5785_Ant1



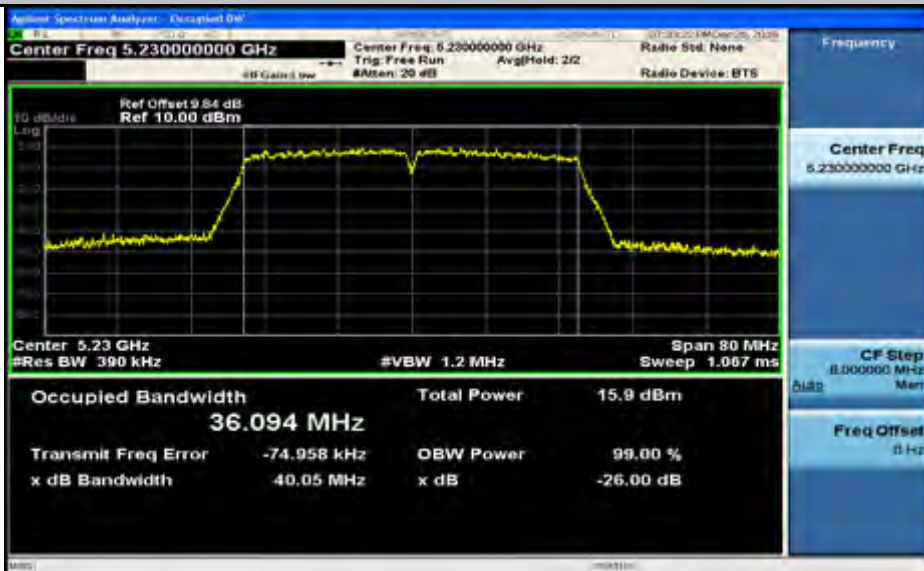
Emission Bandwidth Measurement_11AC20_5825_Ant1



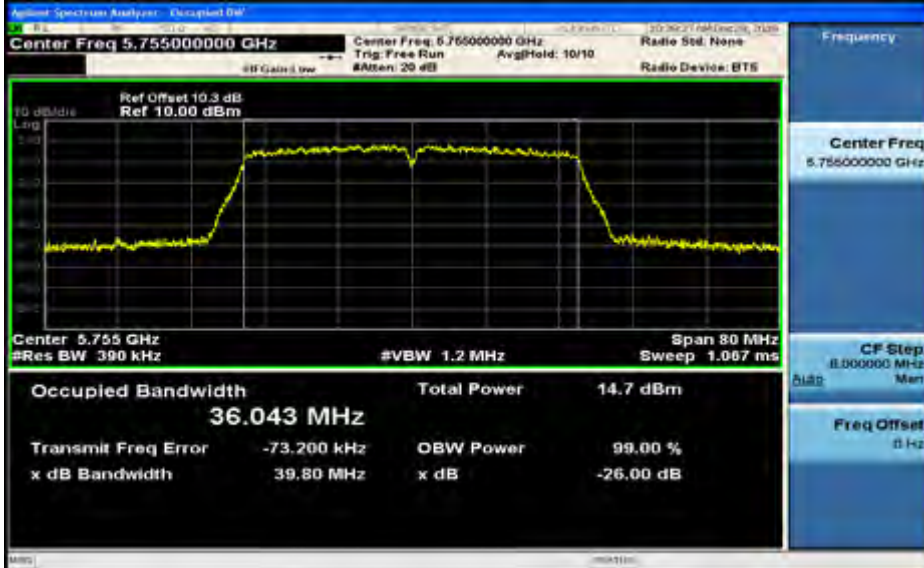
Emission Bandwidth Measurement_11AC40_5190_Ant1



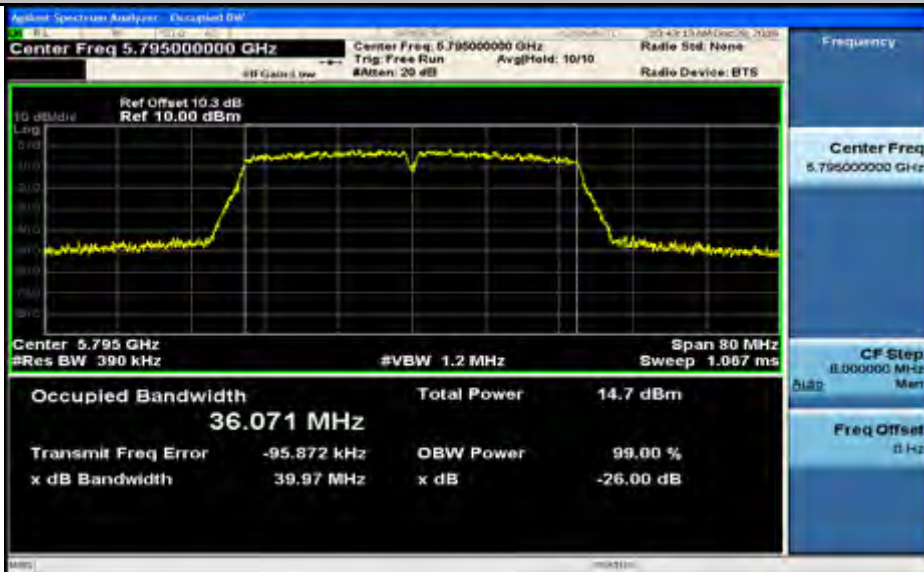
Emission Bandwidth Measurement_11AC40_5230_Ant1



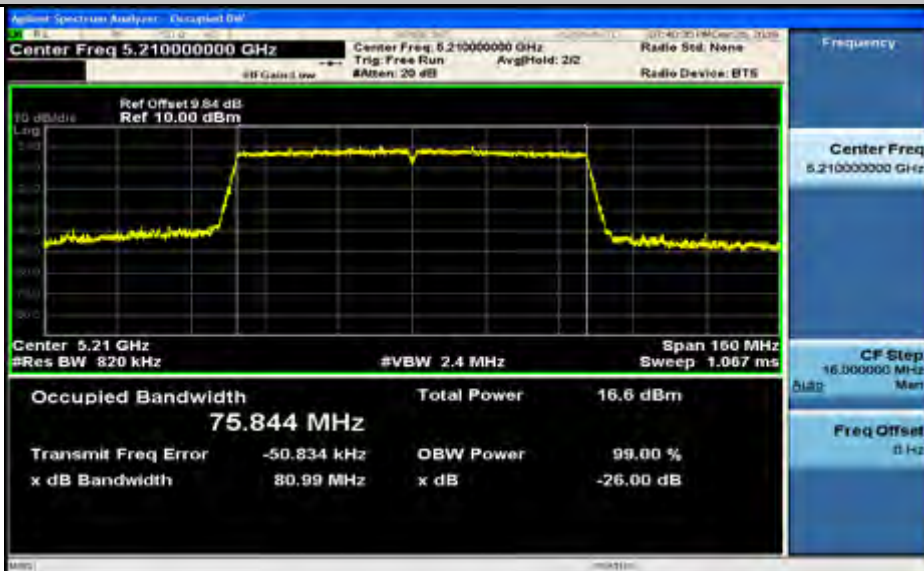
Emission Bandwidth Measurement_11AC40_5755_Ant1



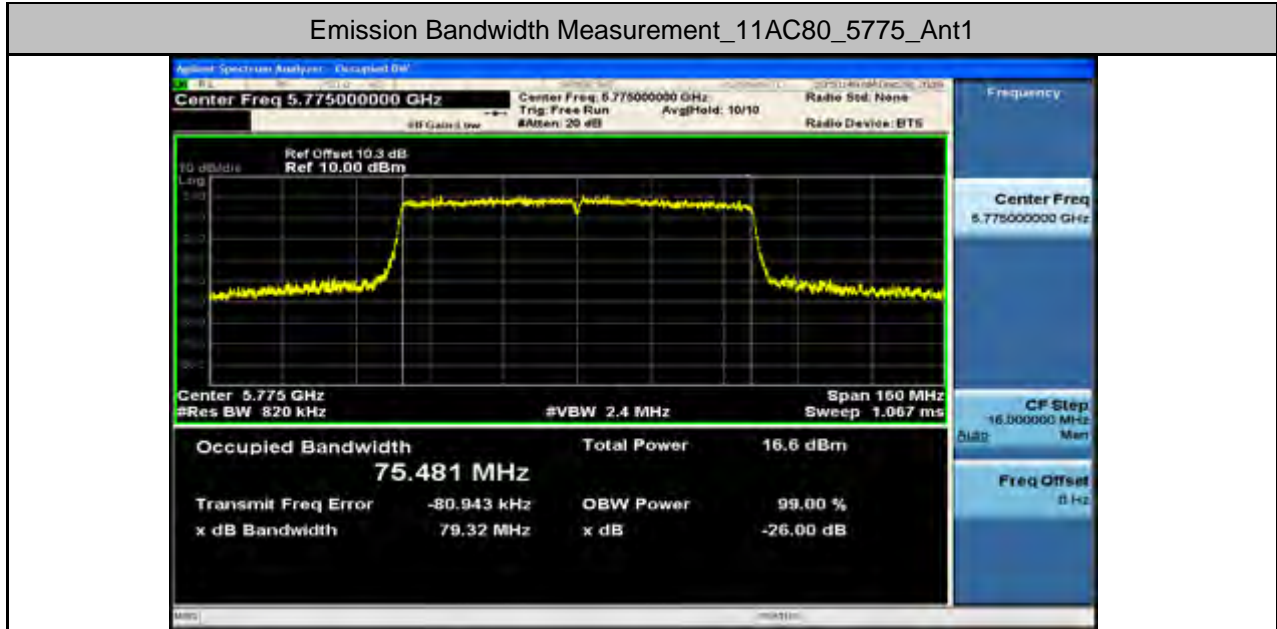
Emission Bandwidth Measurement_11AC40_5795_Ant1



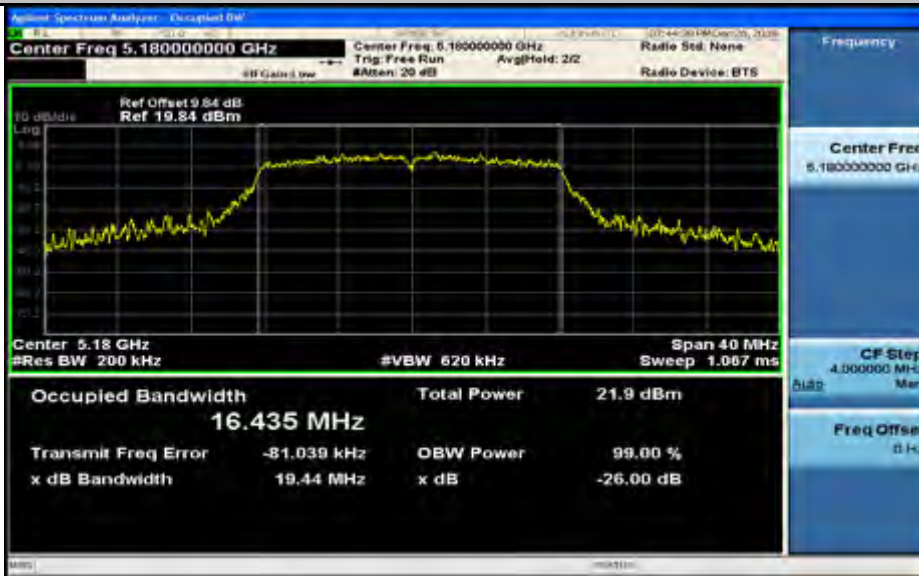
Emission Bandwidth Measurement_11AC80_5210_Ant1



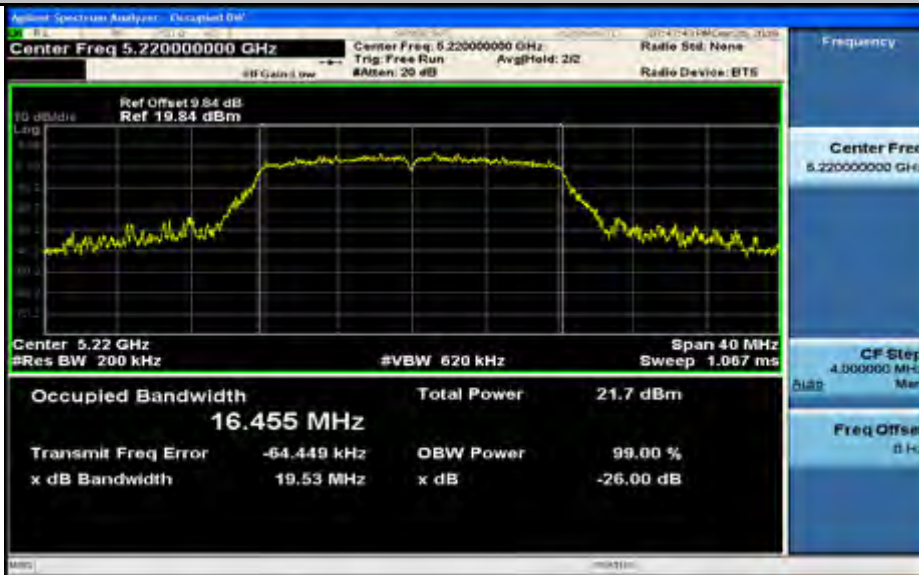
Emission Bandwidth Measurement_11AC80_5775_Ant1



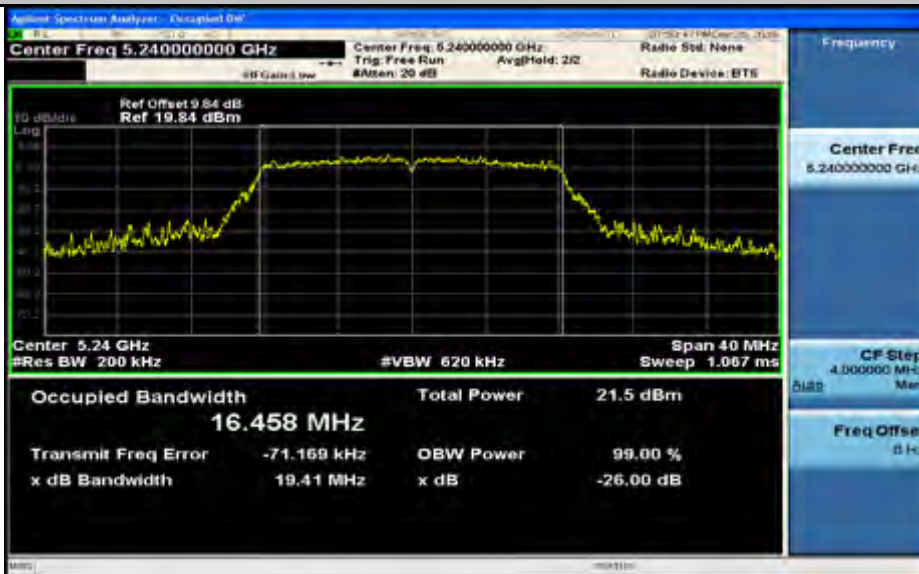
Emission Bandwidth Measurement_11A_5180_Ant2



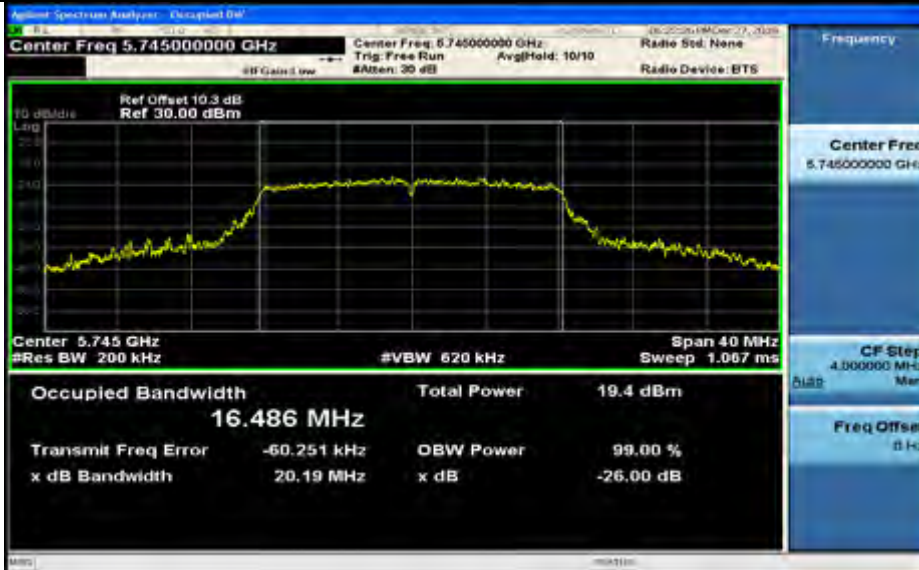
Emission Bandwidth Measurement_11A_5220_Ant2



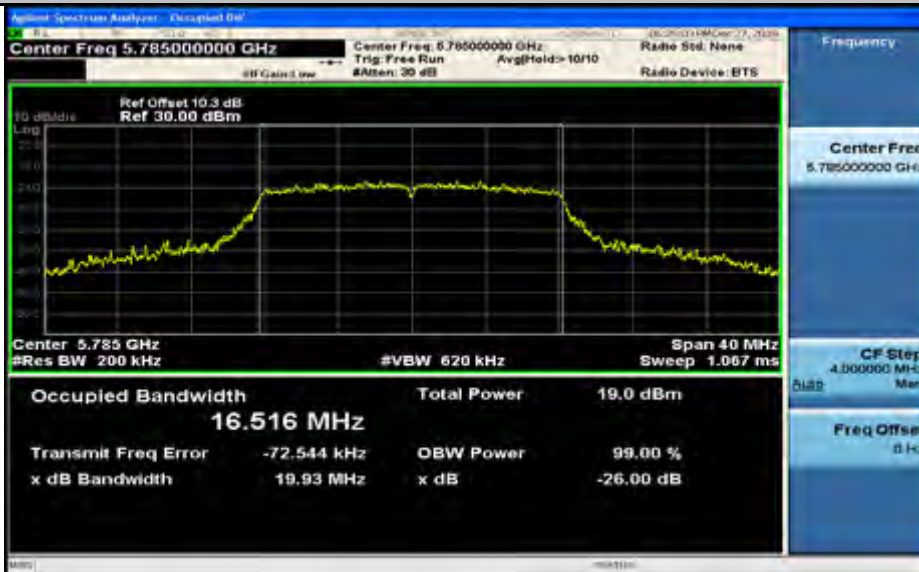
Emission Bandwidth Measurement_11A_5240_Ant2



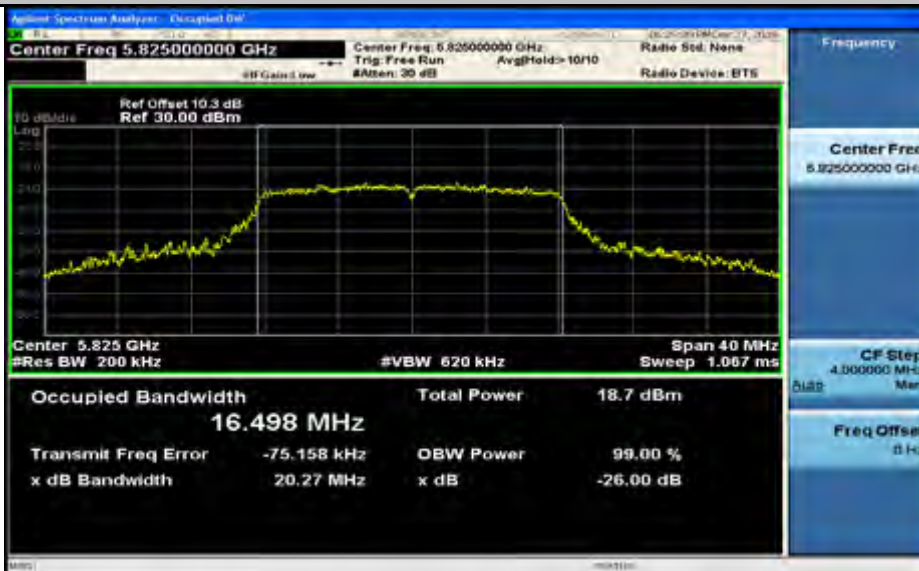
Emission Bandwidth Measurement_11A_5745_Ant2



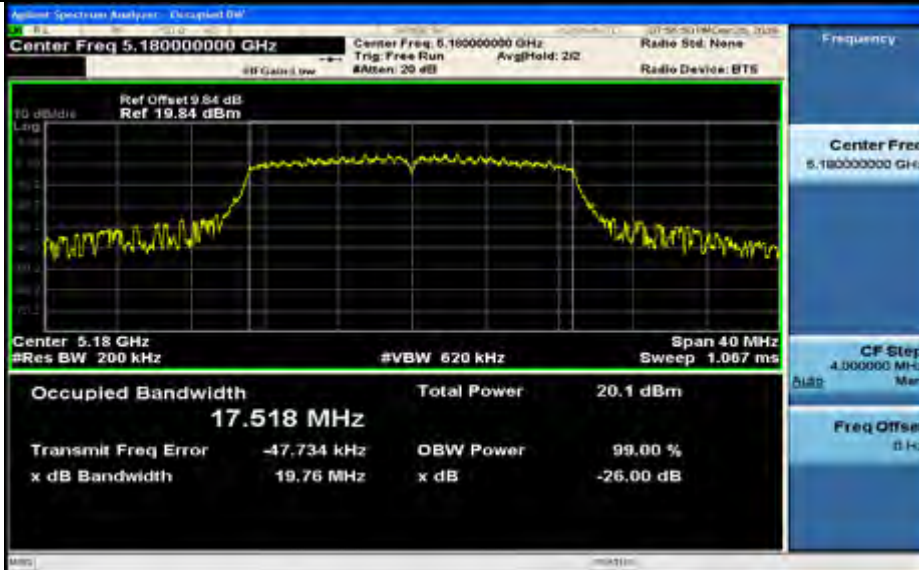
Emission Bandwidth Measurement_11A_5785_Ant2



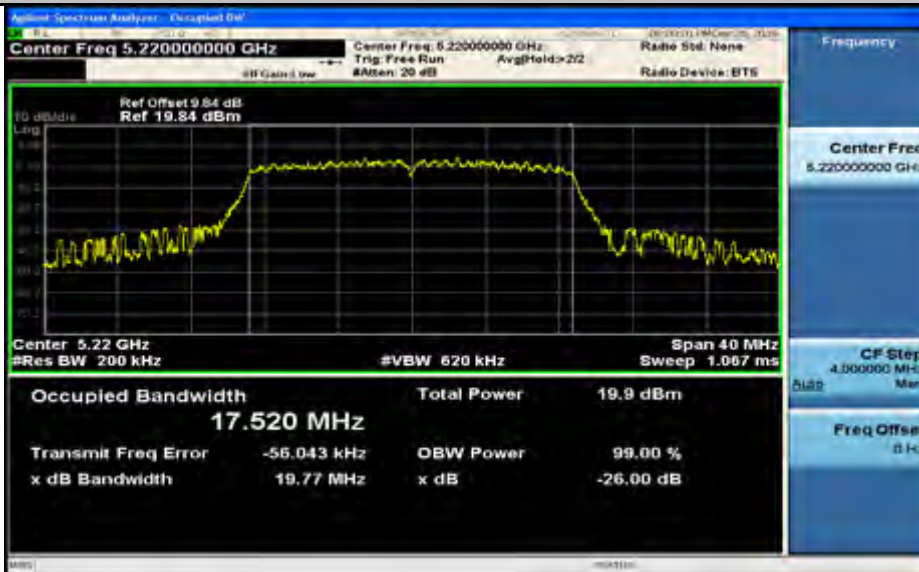
Emission Bandwidth Measurement_11A_5825_Ant2



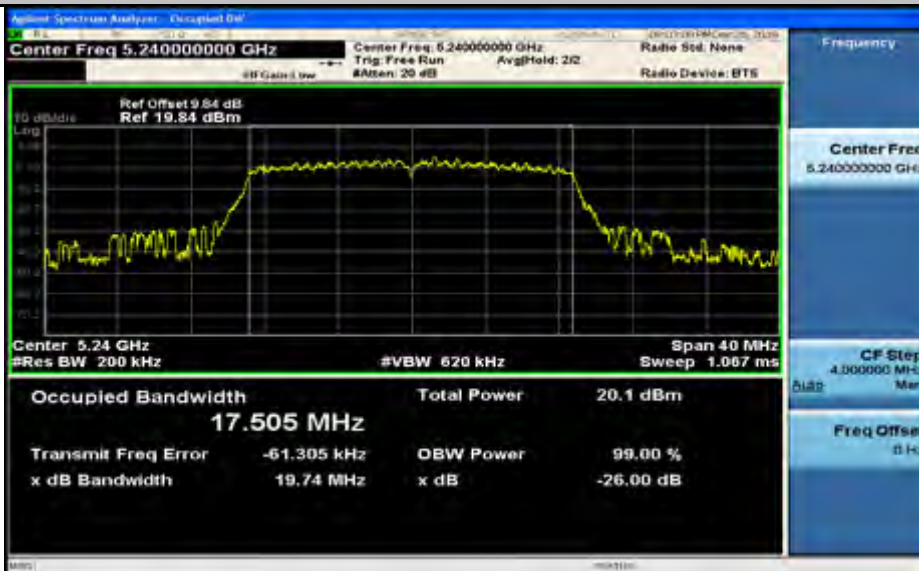
Emission Bandwidth Measurement_11N20_5180_Ant2



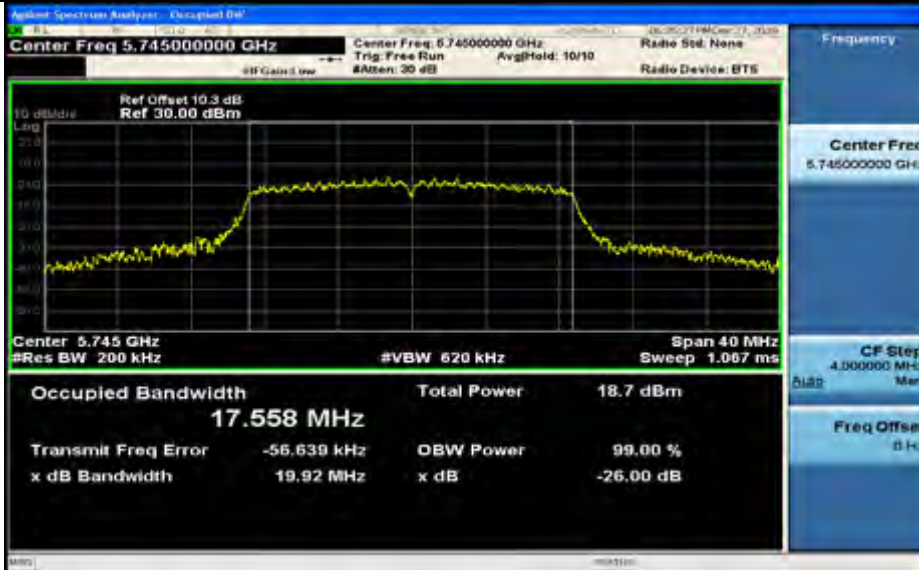
Emission Bandwidth Measurement_11N20_5220_Ant2



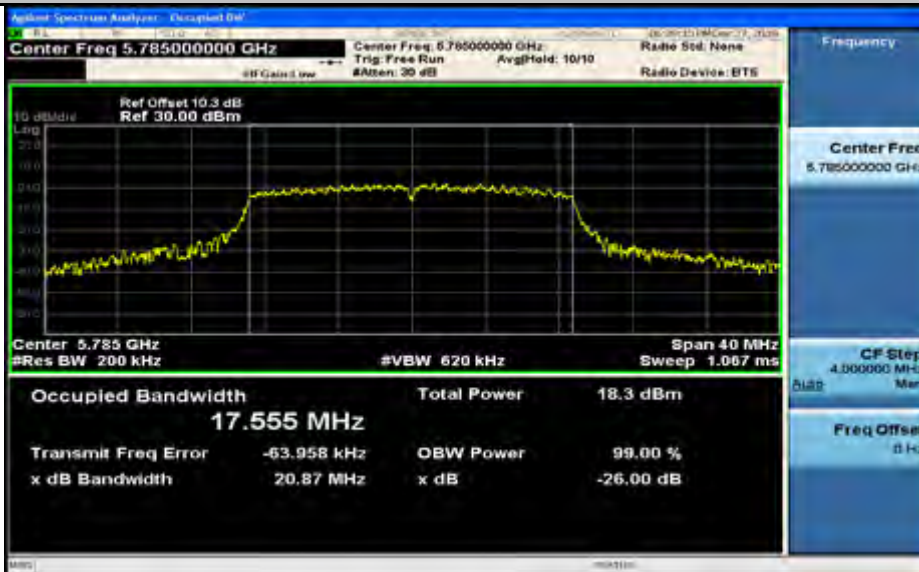
Emission Bandwidth Measurement_11N20_5240_Ant2



Emission Bandwidth Measurement_11N20_5745_Ant2



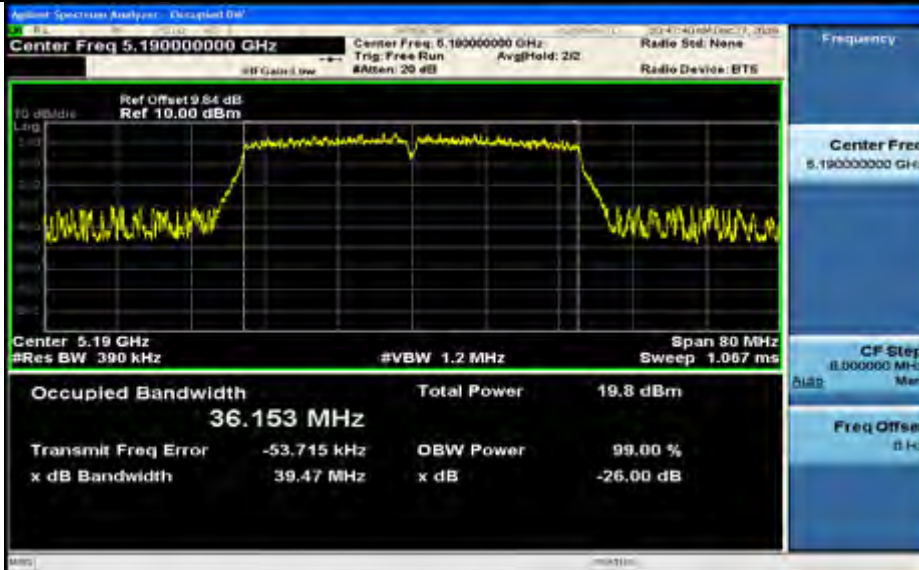
Emission Bandwidth Measurement_11N20_5785_Ant2



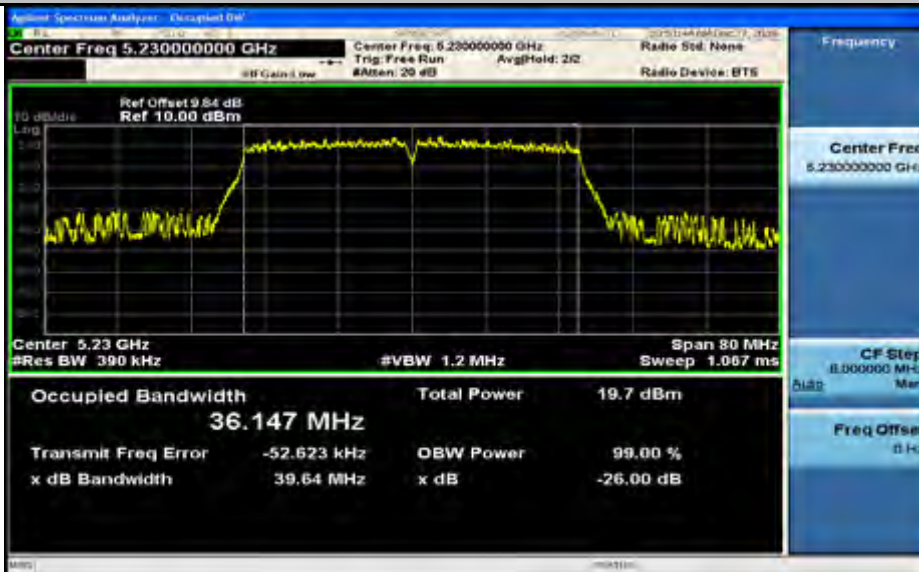
Emission Bandwidth Measurement_11N20_5825_Ant2



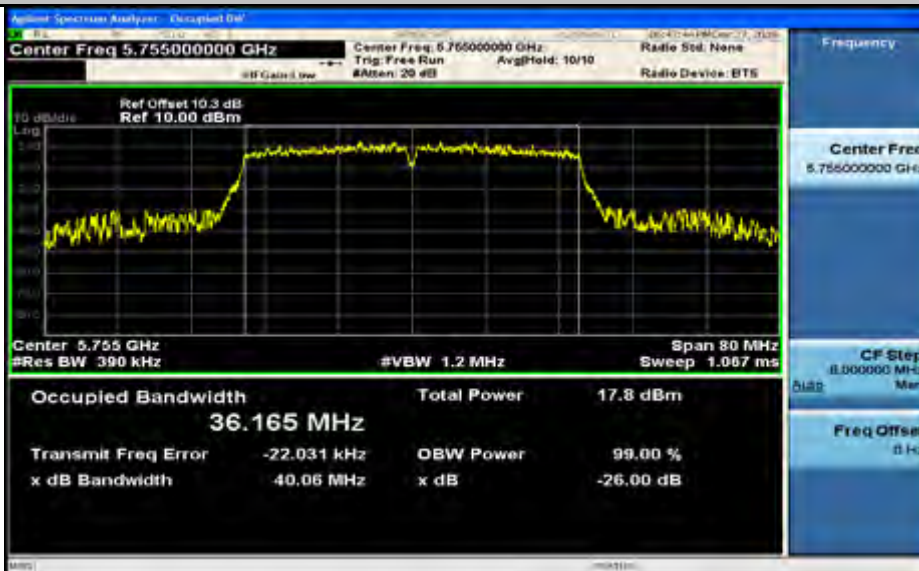
Emission Bandwidth Measurement_11N40_5190_Ant2



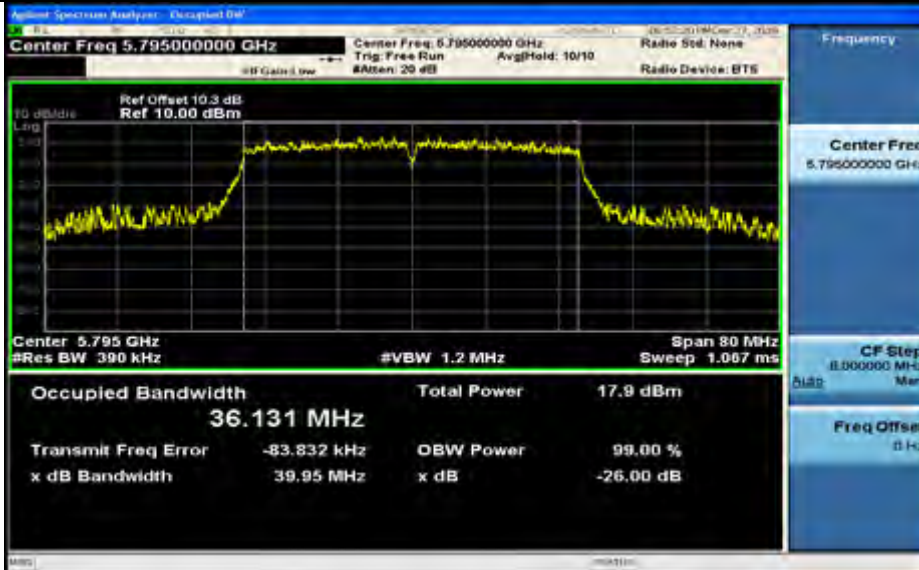
Emission Bandwidth Measurement_11N40_5230_Ant2



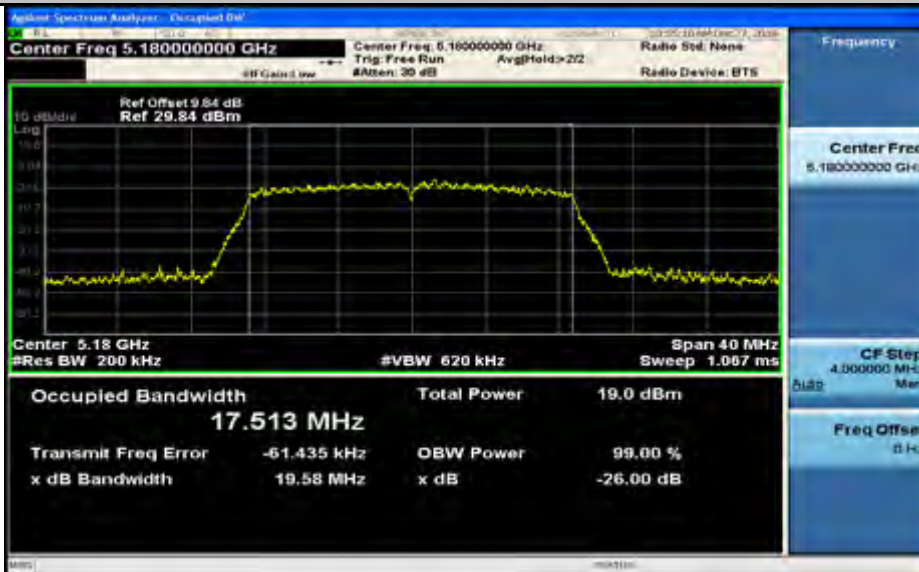
Emission Bandwidth Measurement_11N40_5755_Ant2



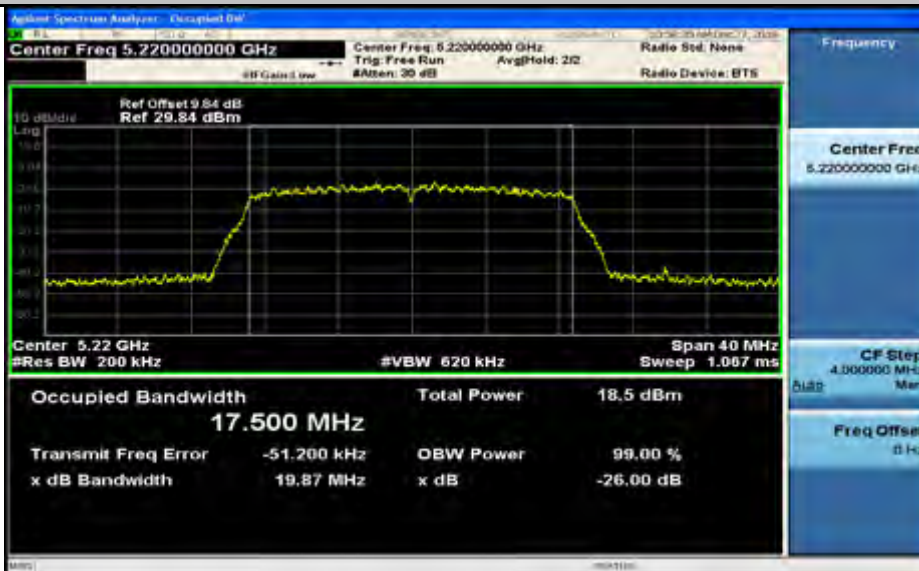
Emission Bandwidth Measurement_11N40_5795_Ant2



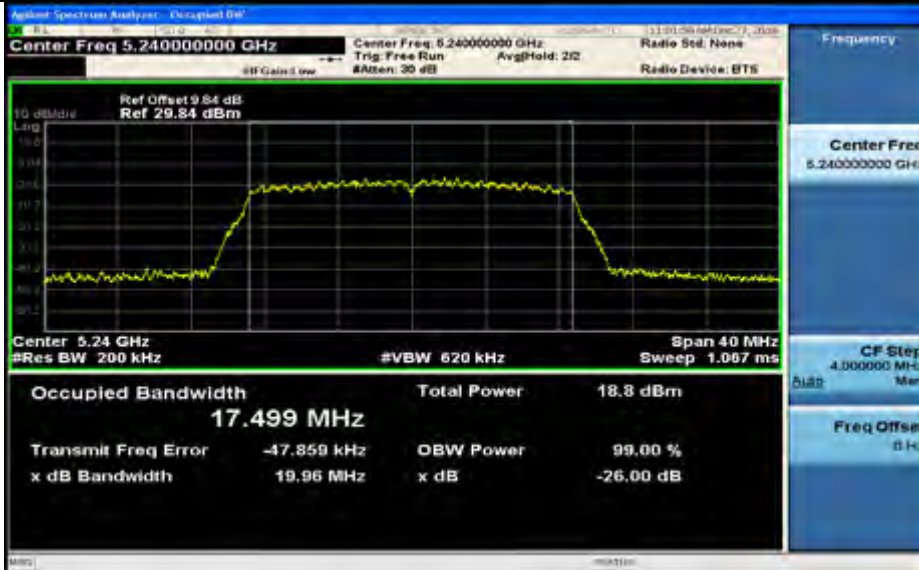
Emission Bandwidth Measurement_11AC20_5180_Ant2



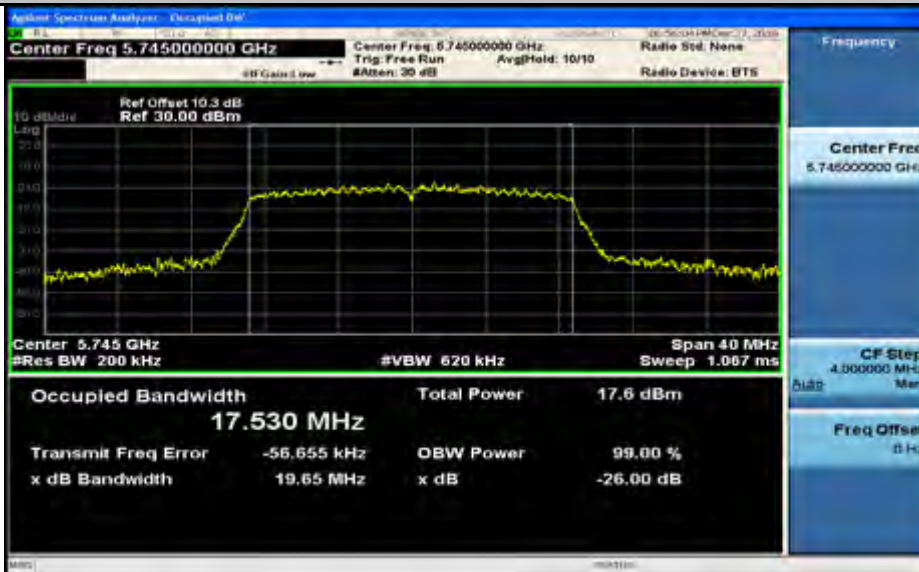
Emission Bandwidth Measurement_11AC20_5220_Ant2



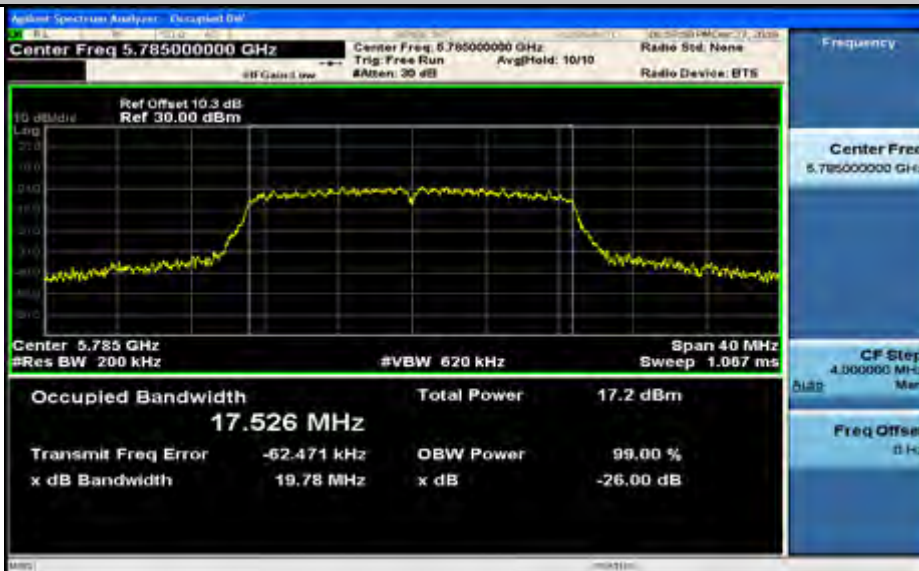
Emission Bandwidth Measurement_11AC20_5240_Ant2



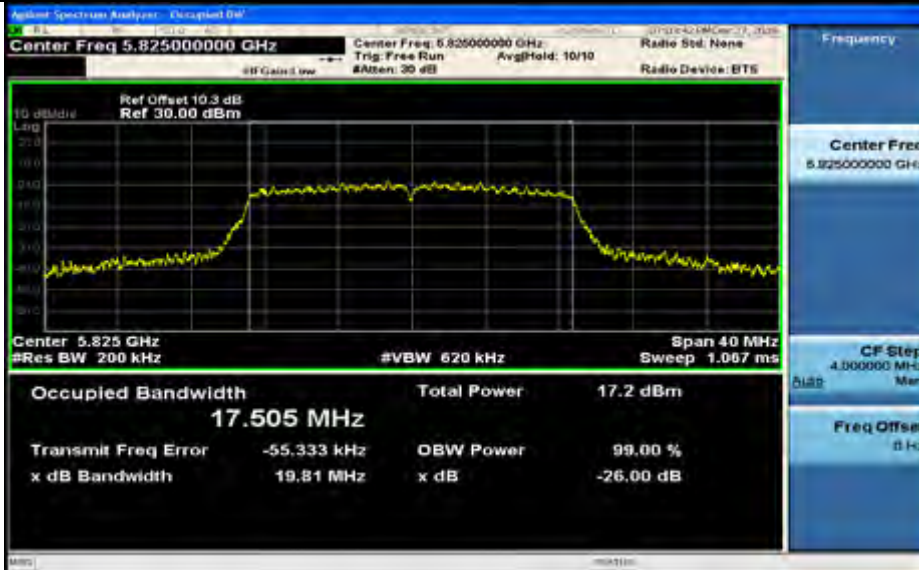
Emission Bandwidth Measurement_11AC20_5745_Ant2



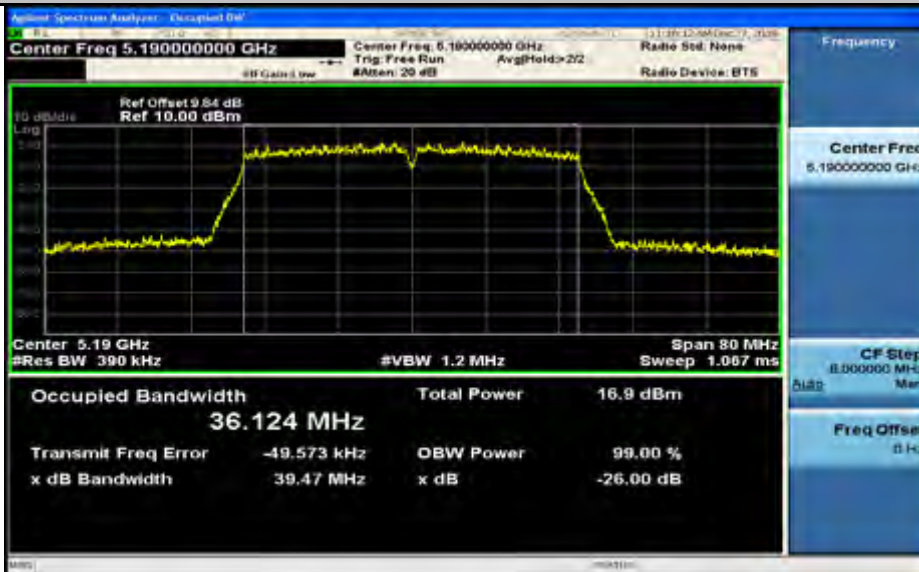
Emission Bandwidth Measurement_11AC20_5785_Ant2



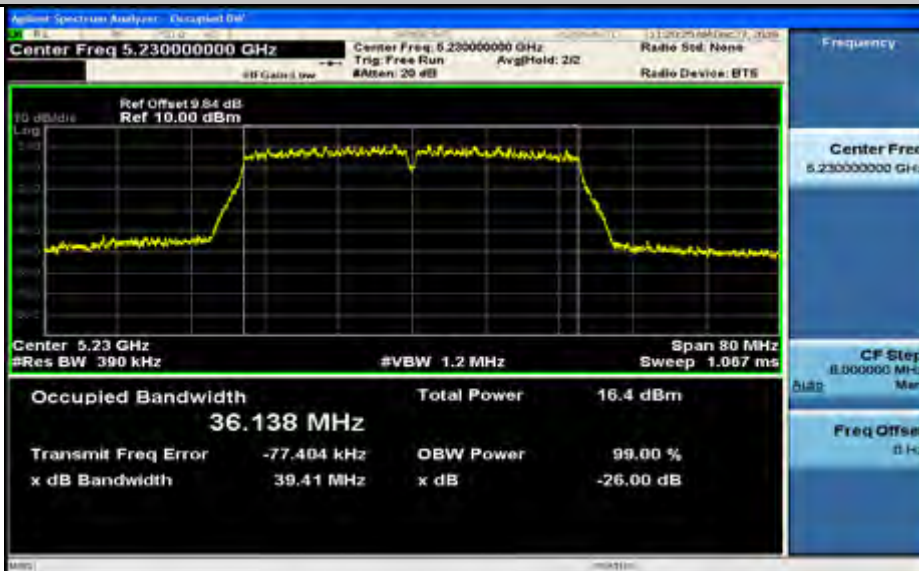
Emission Bandwidth Measurement_11AC20_5825_Ant2



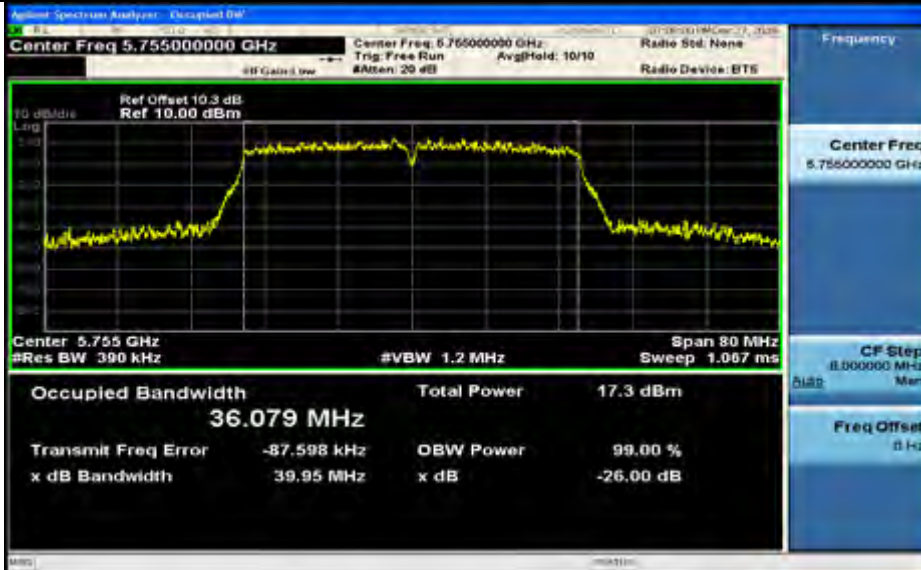
Emission Bandwidth Measurement_11AC40_5190_Ant2



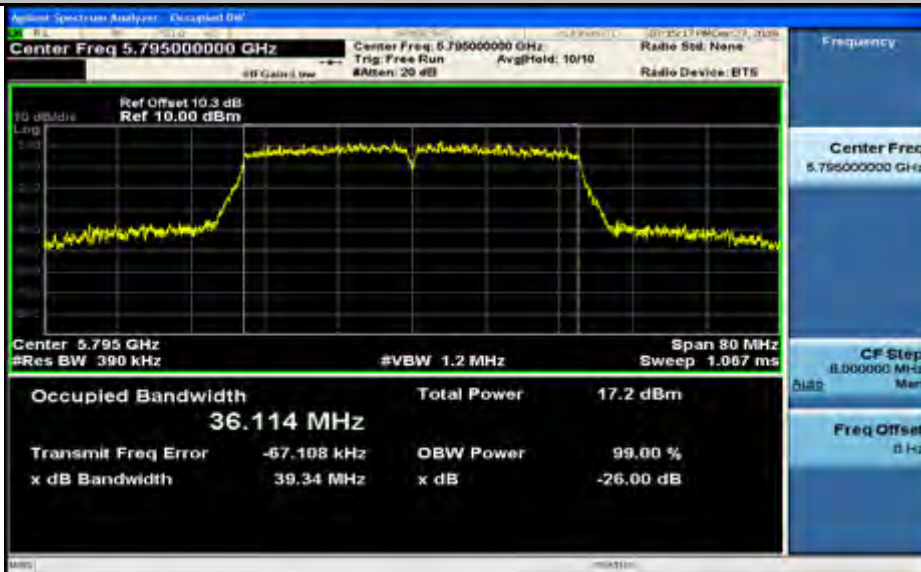
Emission Bandwidth Measurement_11AC40_5230_Ant2



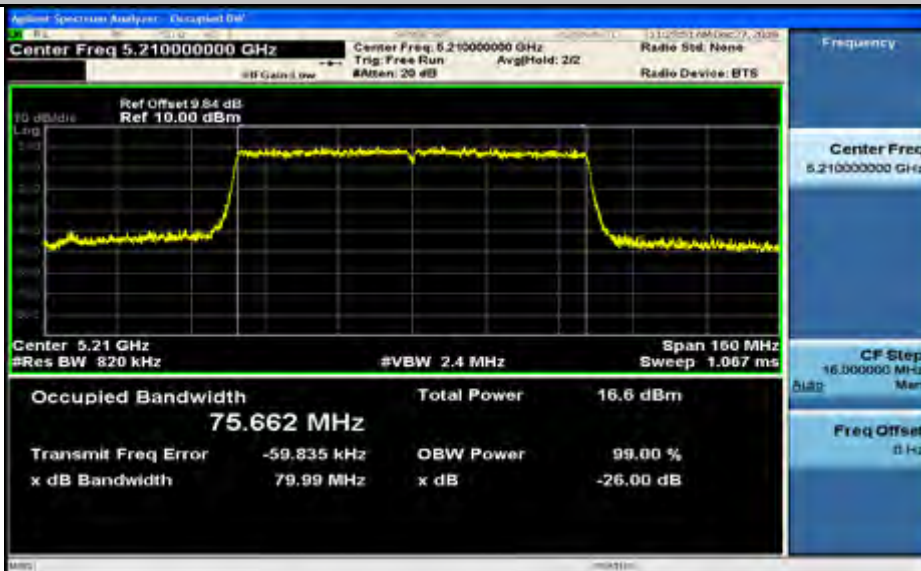
Emission Bandwidth Measurement_11AC40_5755_Ant2



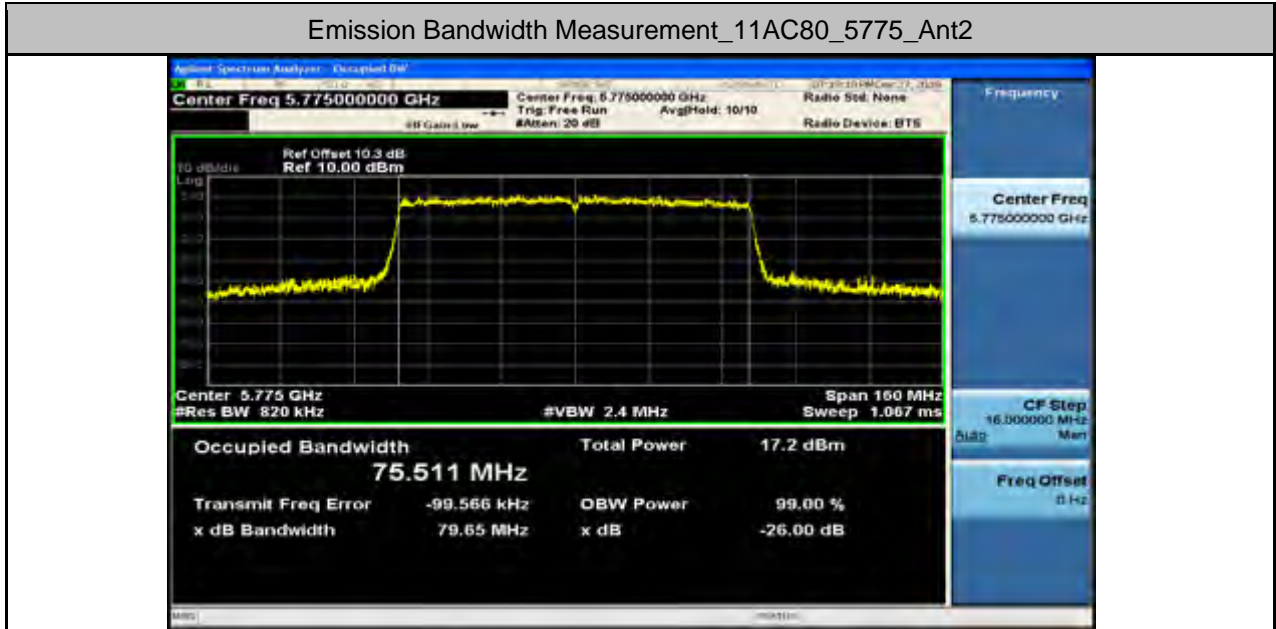
Emission Bandwidth Measurement_11AC40_5795_Ant2



Emission Bandwidth Measurement_11AC80_5210_Ant2



Emission Bandwidth Measurement_11AC80_5775_Ant2

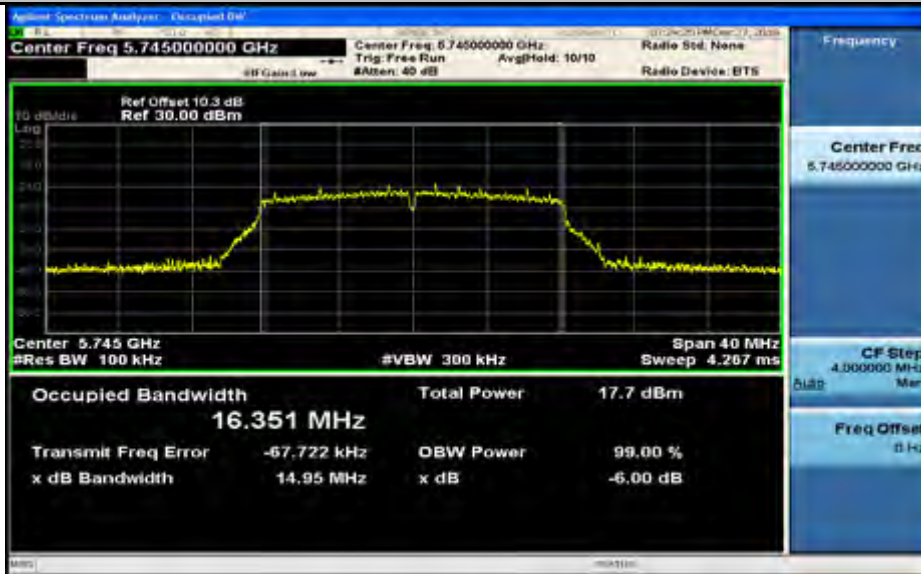




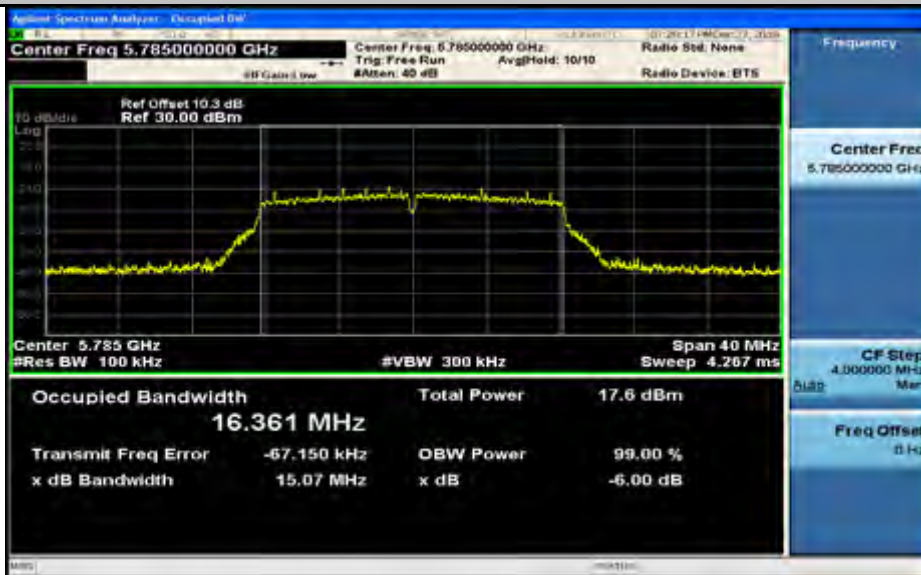
2. Minimum Emission Bandwidth Measurement

Test Mode	Test Channel	EBW[MHz]		Limit[MHz]	Verdict
		Ant1	Ant2		
11A	5745	14.95	15.11	0.5	PASS
11A	5785	15.07	14.66	0.5	PASS
11A	5825	15.10	15.00	0.5	PASS
11N20	5745	15.07	15.67	0.5	PASS
11N20	5785	15.04	15.70	0.5	PASS
11N20	5825	13.76	15.69	0.5	PASS
11N40	5755	35.14	35.10	0.5	PASS
11N40	5795	35.07	35.06	0.5	PASS
11AC20	5745	15.43	16.30	0.5	PASS
11AC20	5785	15.04	15.08	0.5	PASS
11AC20	5825	15.13	15.04	0.5	PASS
11AC40	5755	35.11	35.33	0.5	PASS
11AC40	5795	35.12	35.68	0.5	PASS
11AC80	5775	75.72	75.16	0.5	PASS

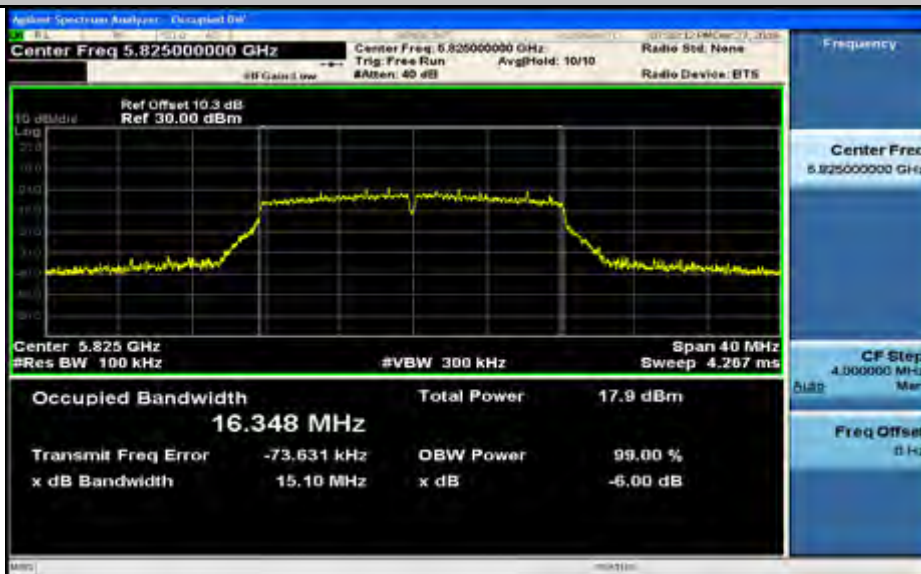
Minimum Emission Bandwidth Measurement_11A_5745_Ant1



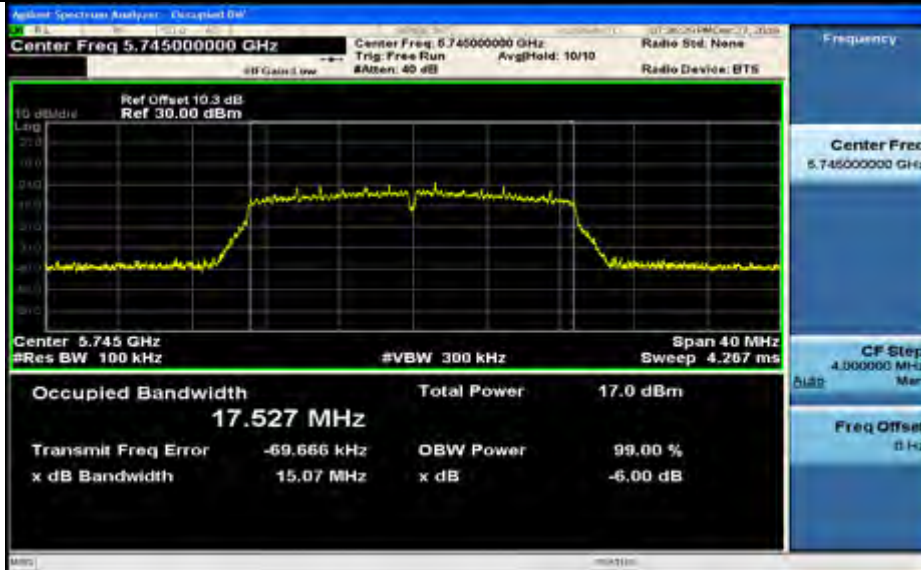
Minimum Emission Bandwidth Measurement_11A_5785_Ant1



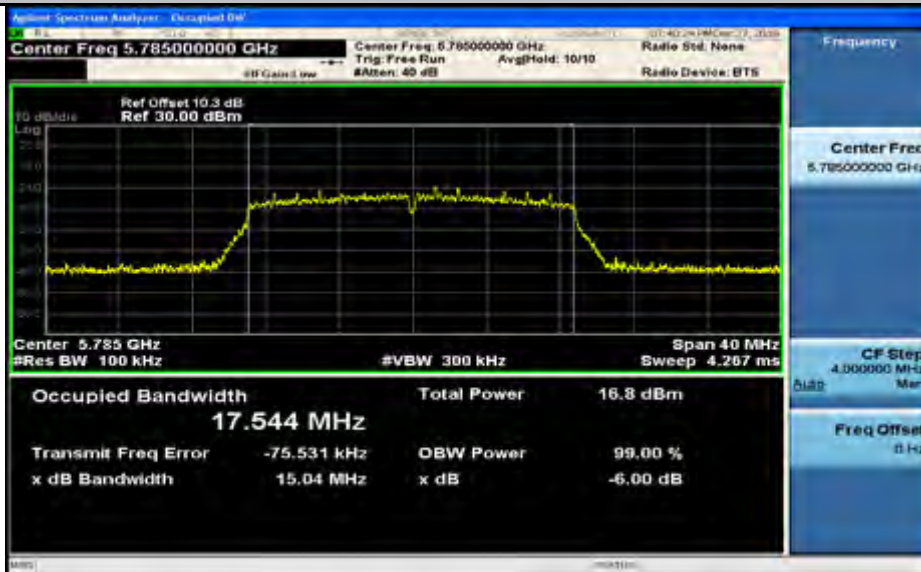
Minimum Emission Bandwidth Measurement_11A_5825_Ant1



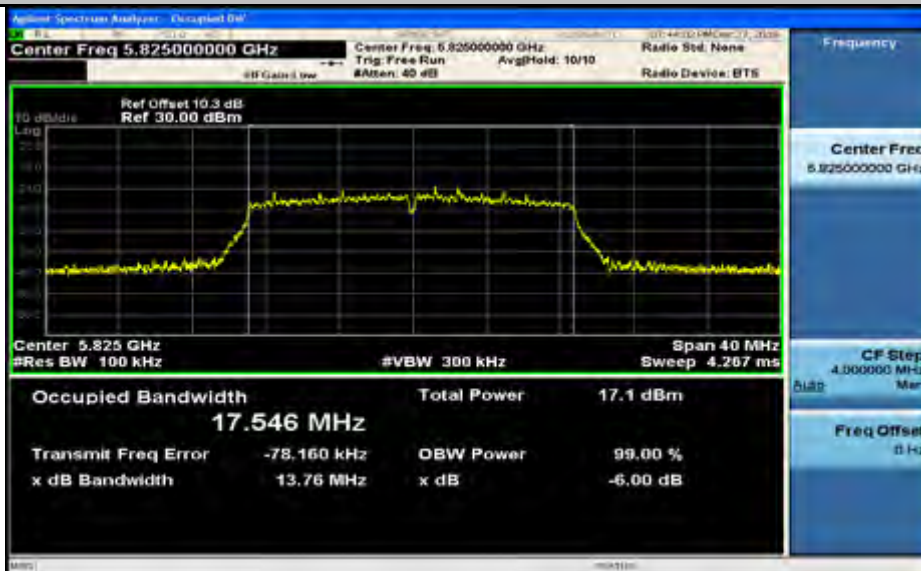
Minimum Emission Bandwidth Measurement_11N20_5745_Ant1



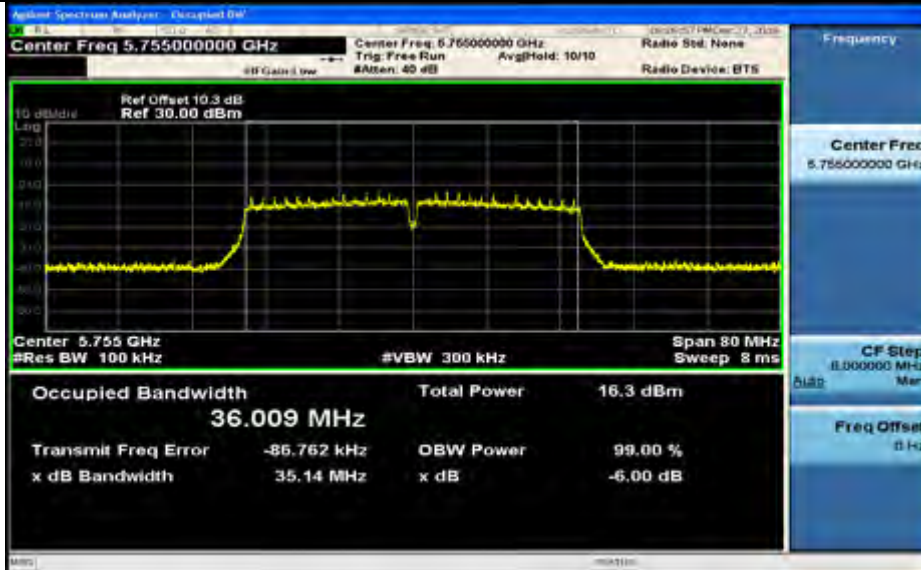
Minimum Emission Bandwidth Measurement_11N20_5785_Ant1



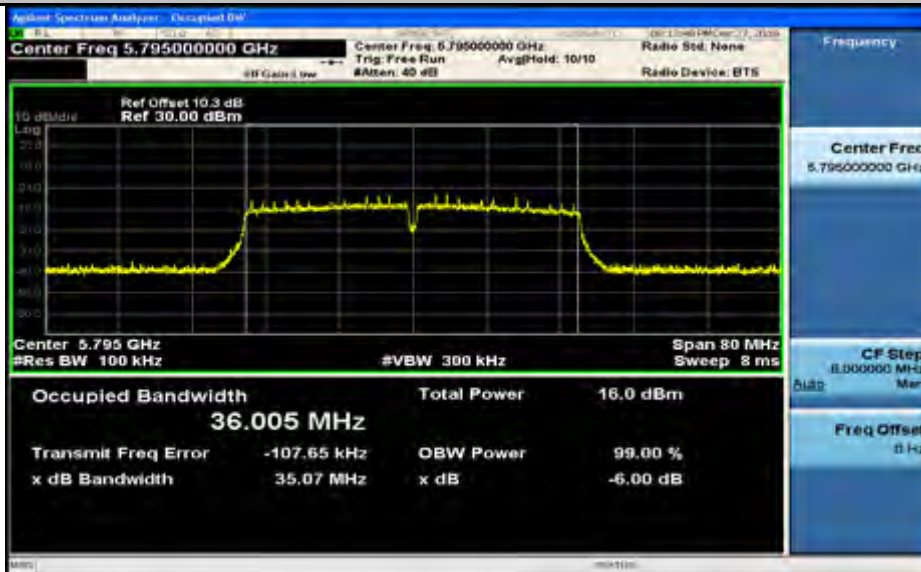
Minimum Emission Bandwidth Measurement_11N20_5825_Ant1



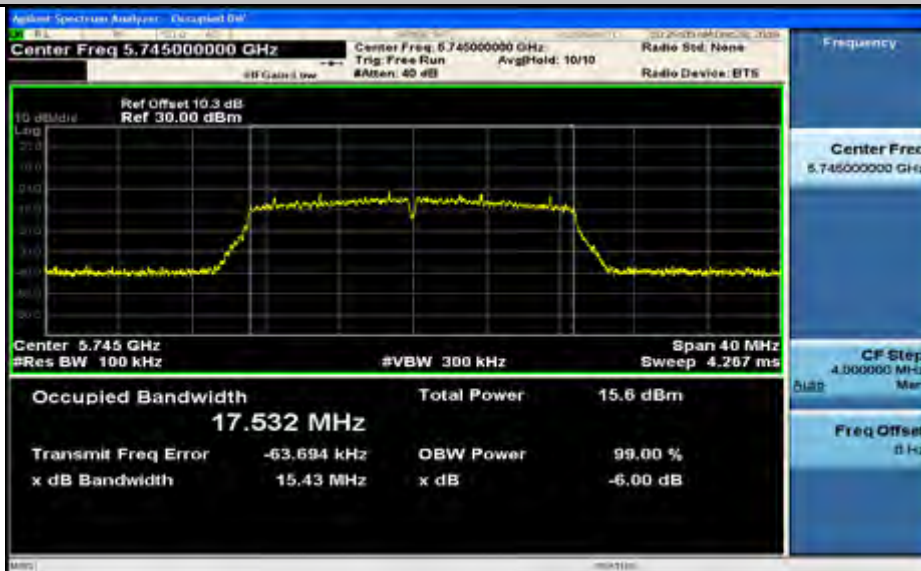
Minimum Emission Bandwidth Measurement_11N40_5755_Ant1



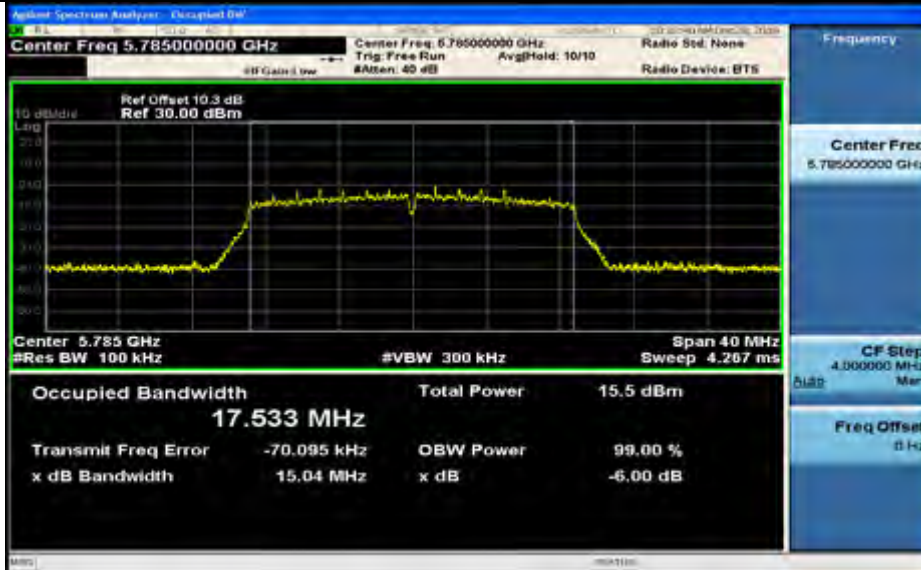
Minimum Emission Bandwidth Measurement_11N40_5795_Ant1



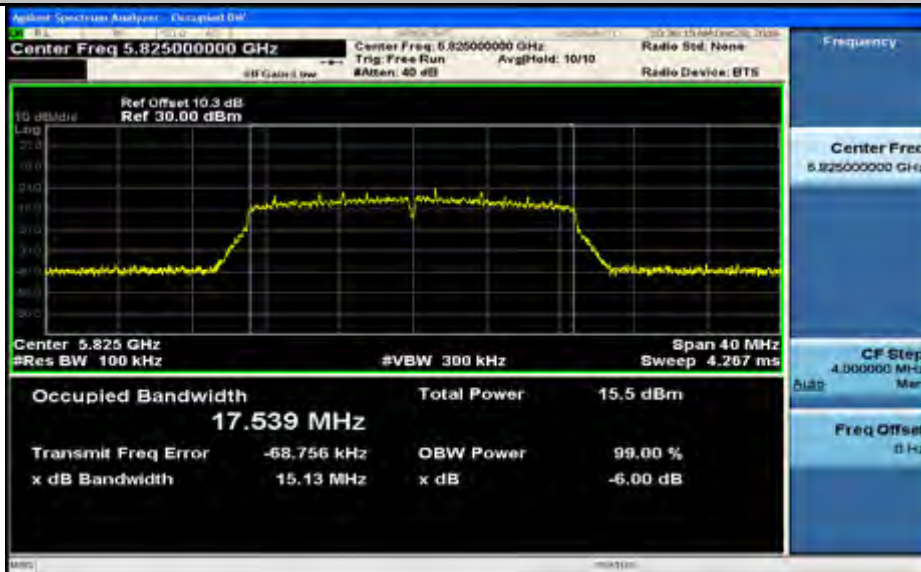
Minimum Emission Bandwidth Measurement_11AC20_5745_Ant1



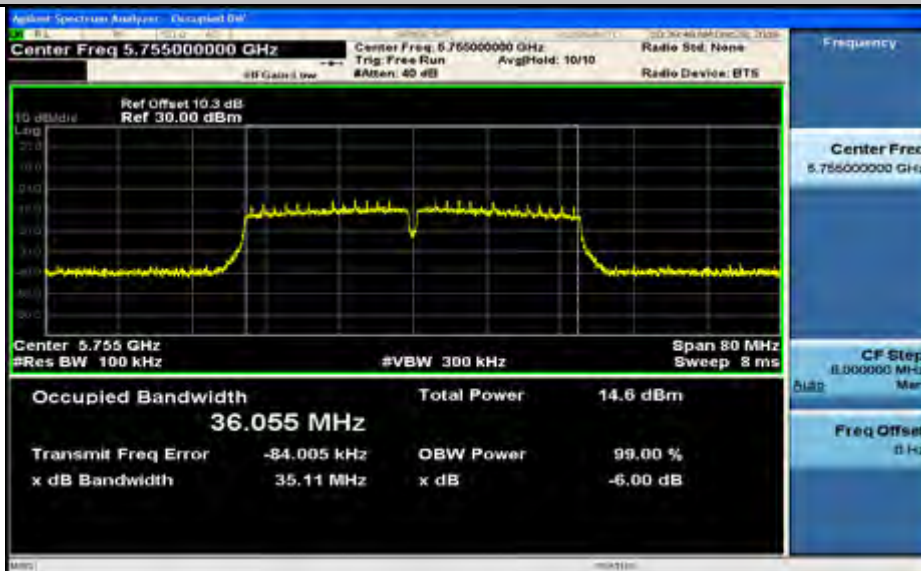
Minimum Emission Bandwidth Measurement_11AC20_5785_Ant1



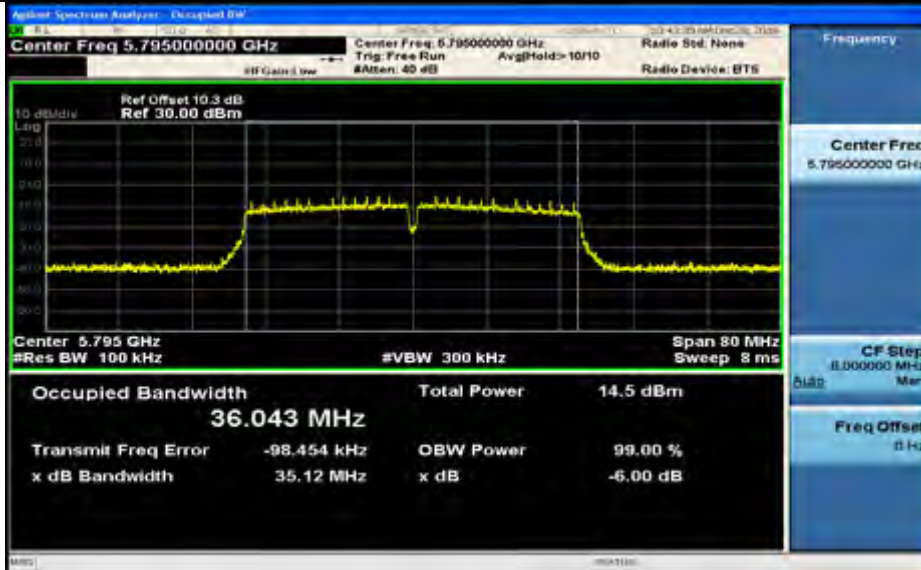
Minimum Emission Bandwidth Measurement_11AC20_5825_Ant1



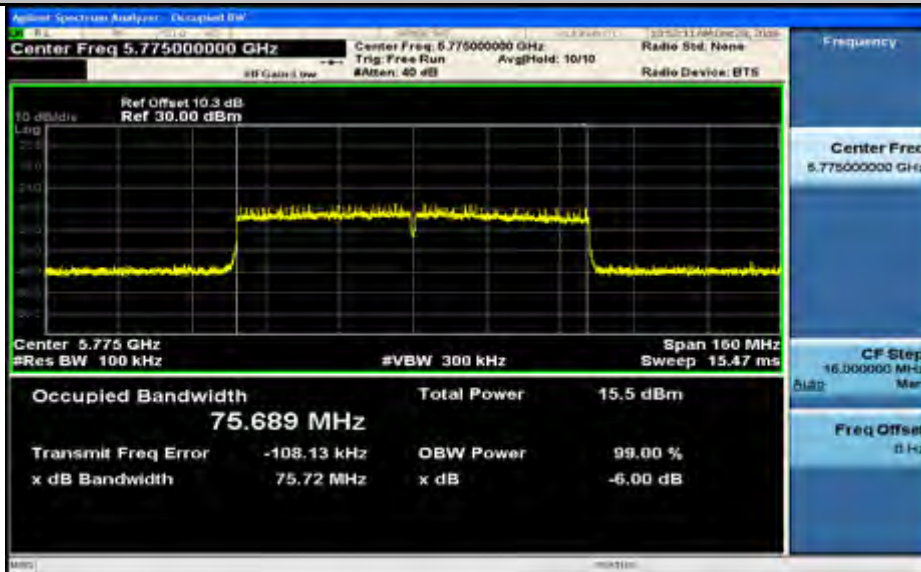
Minimum Emission Bandwidth Measurement_11AC40_5755_Ant1



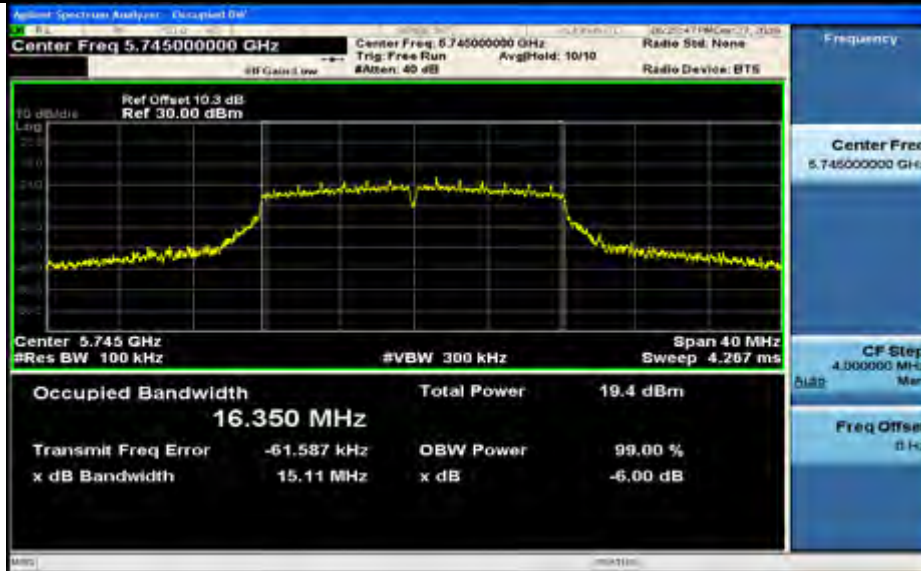
Minimum Emission Bandwidth Measurement_11AC40_5795_Ant1



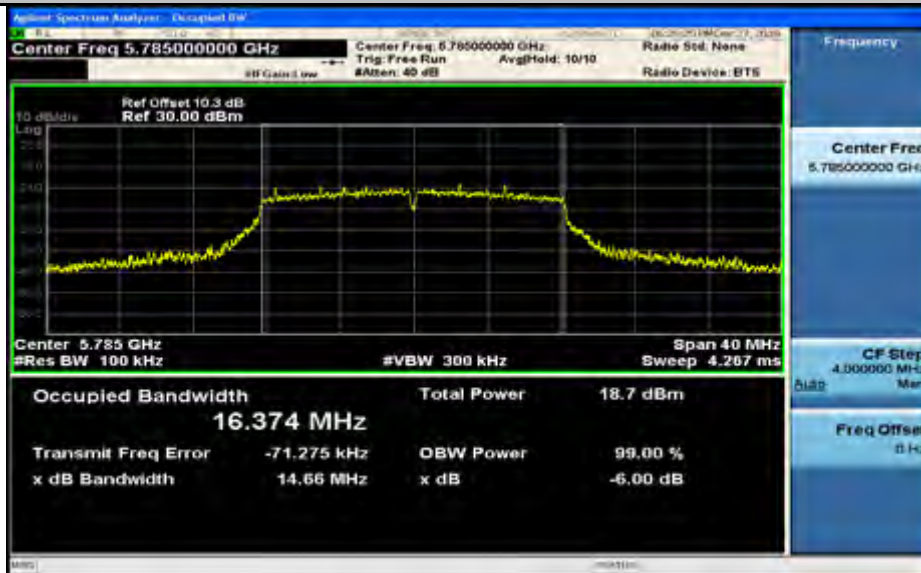
Minimum Emission Bandwidth Measurement_11AC80_5775_Ant1



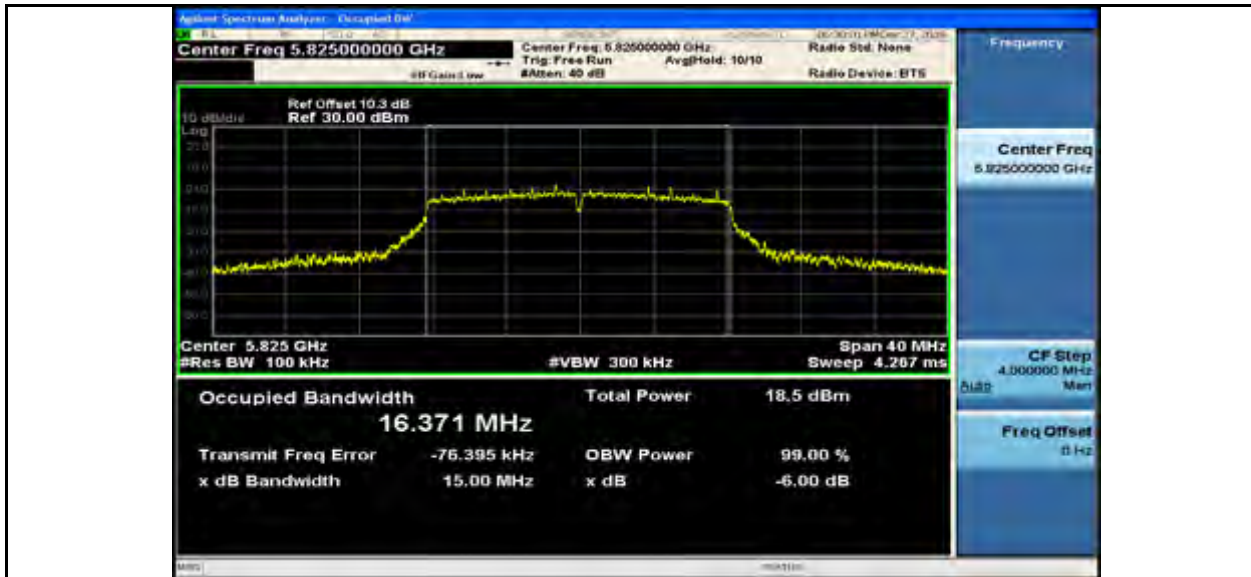
Minimum Emission Bandwidth Measurement_11A_5745_Ant2



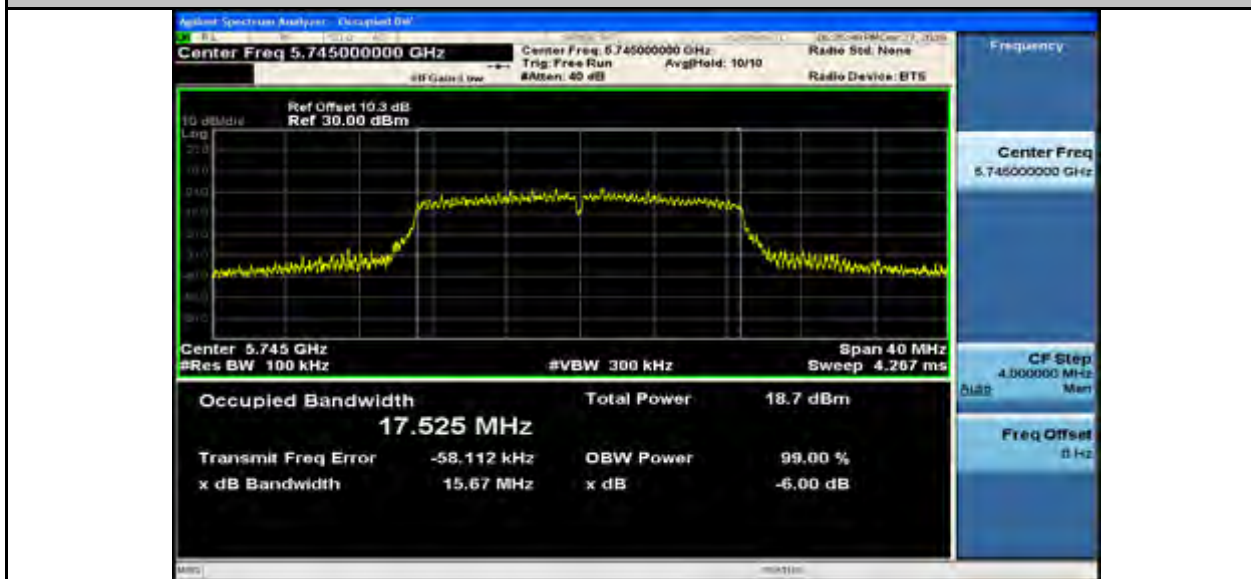
Minimum Emission Bandwidth Measurement_11A_5785_Ant2



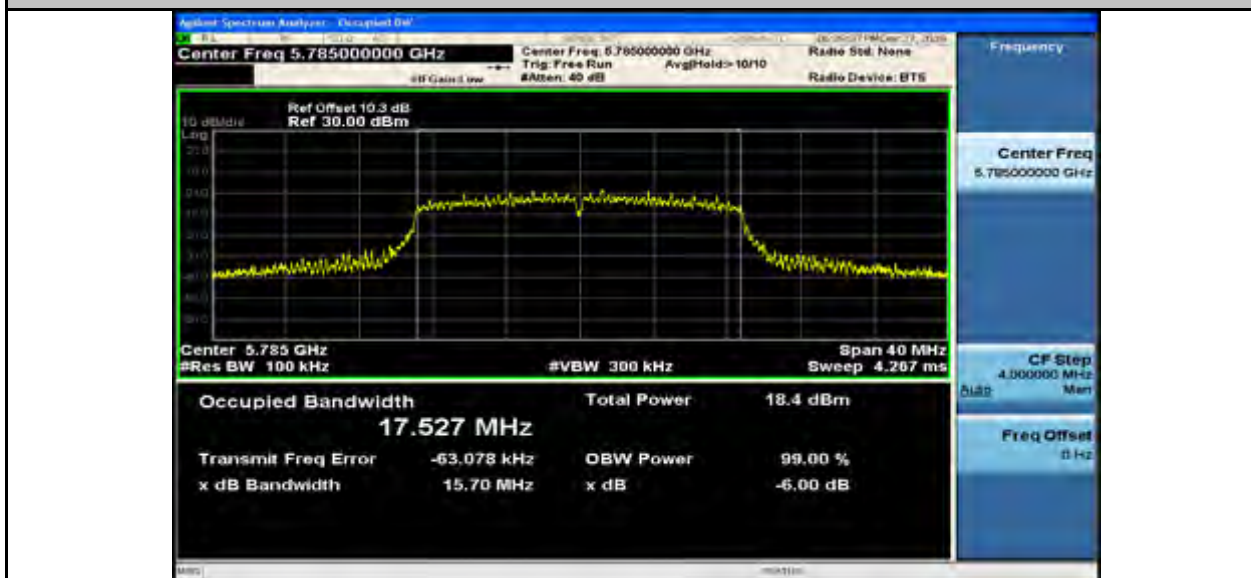
Minimum Emission Bandwidth Measurement_11A_5825_Ant2



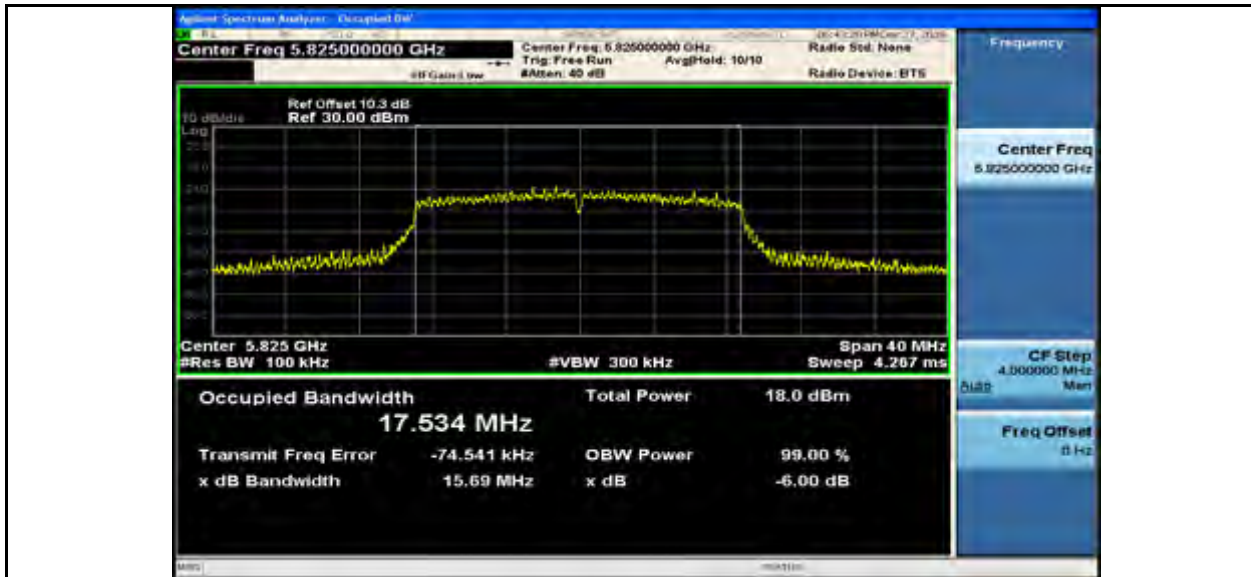
Minimum Emission Bandwidth Measurement_11N20_5745_Ant2



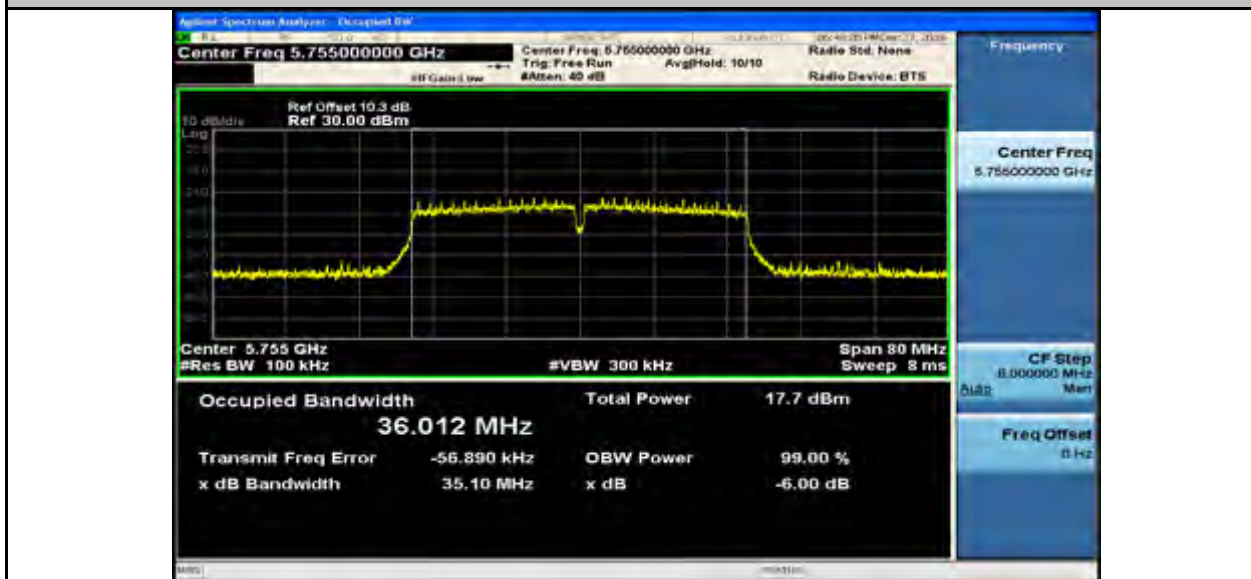
Minimum Emission Bandwidth Measurement_11N20_5785_Ant2



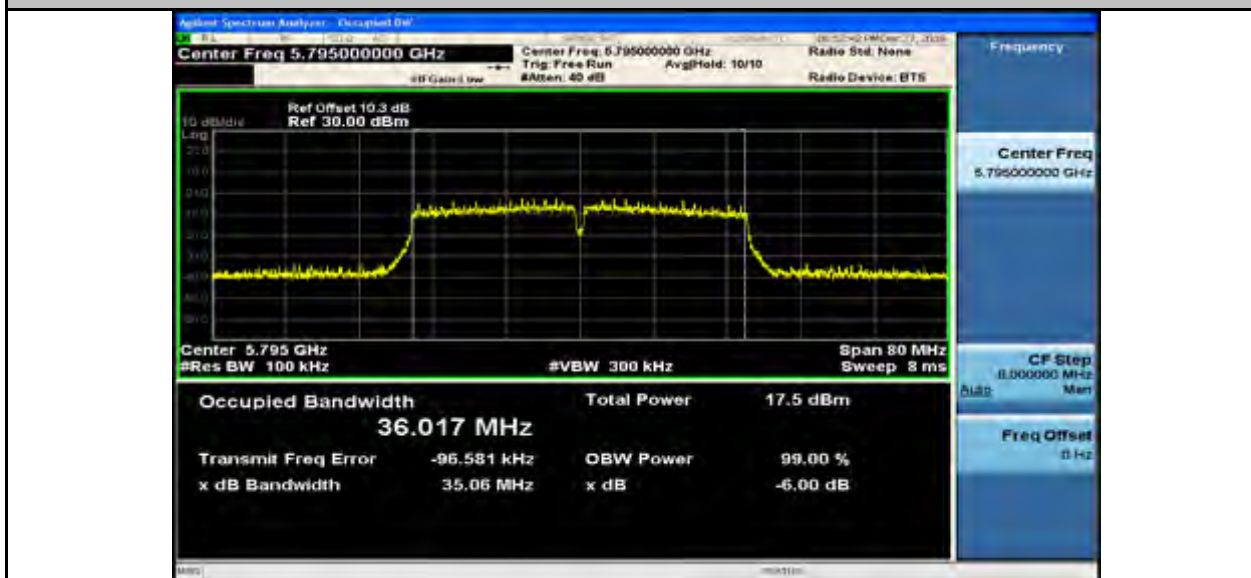
Minimum Emission Bandwidth Measurement_11N20_5825_Ant2



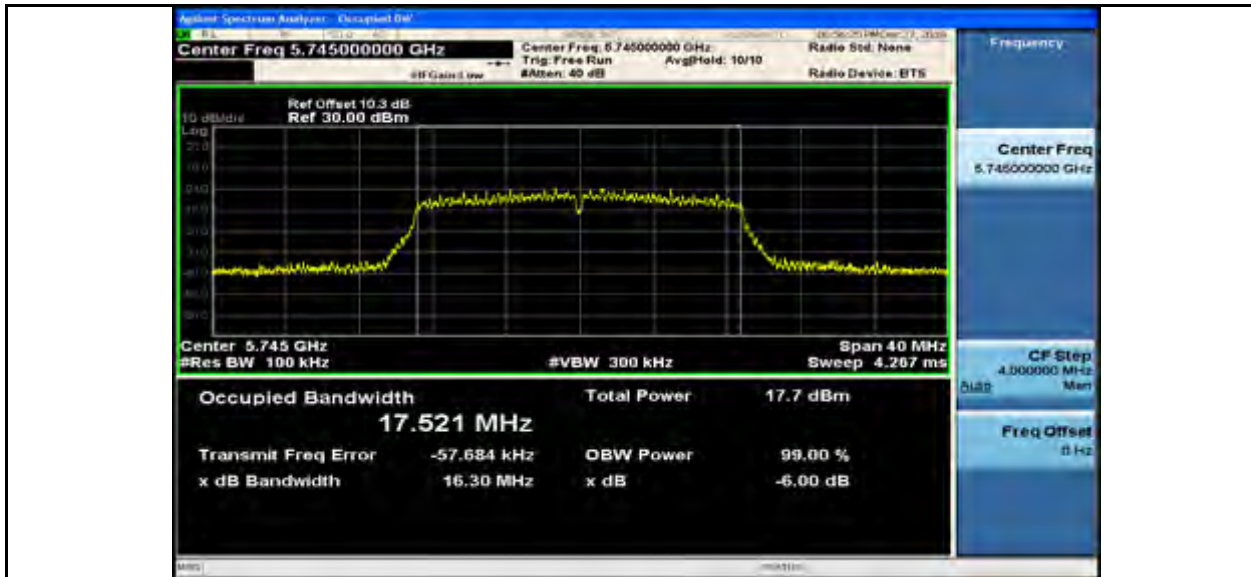
Minimum Emission Bandwidth Measurement_11N40_5755_Ant2



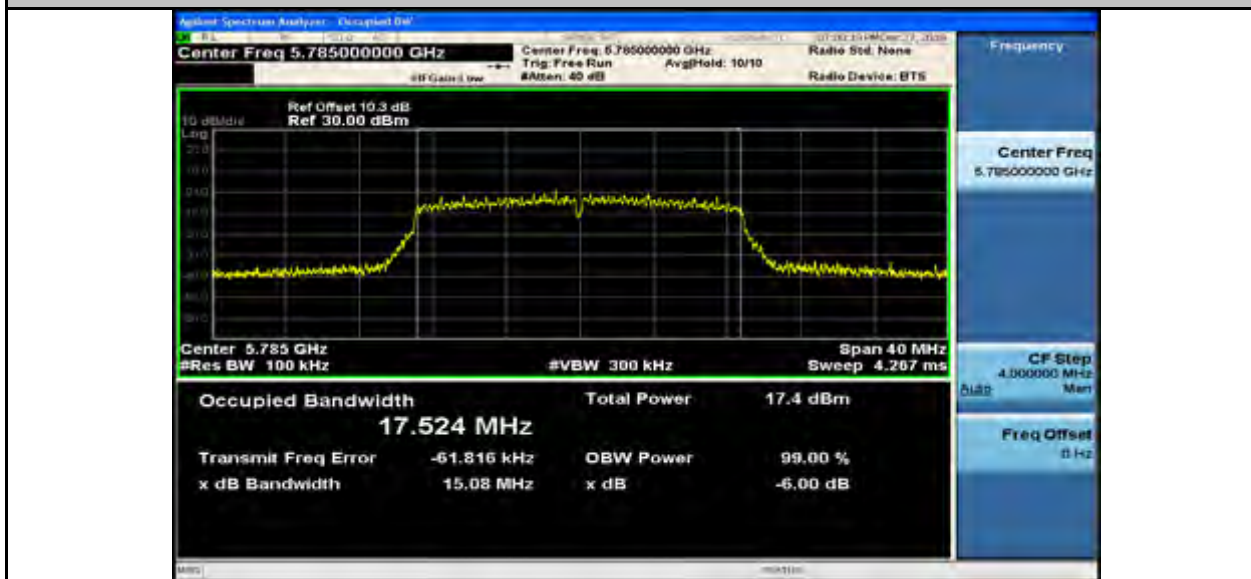
Minimum Emission Bandwidth Measurement_11N40_5795_Ant2



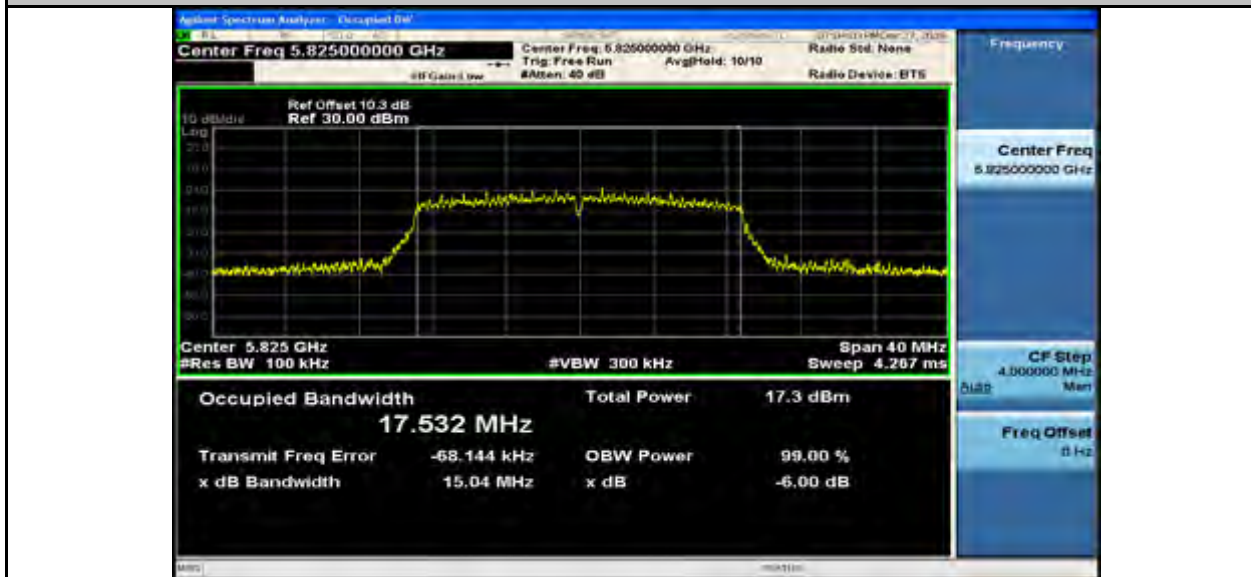
Minimum Emission Bandwidth Measurement_11AC20_5745_Ant2



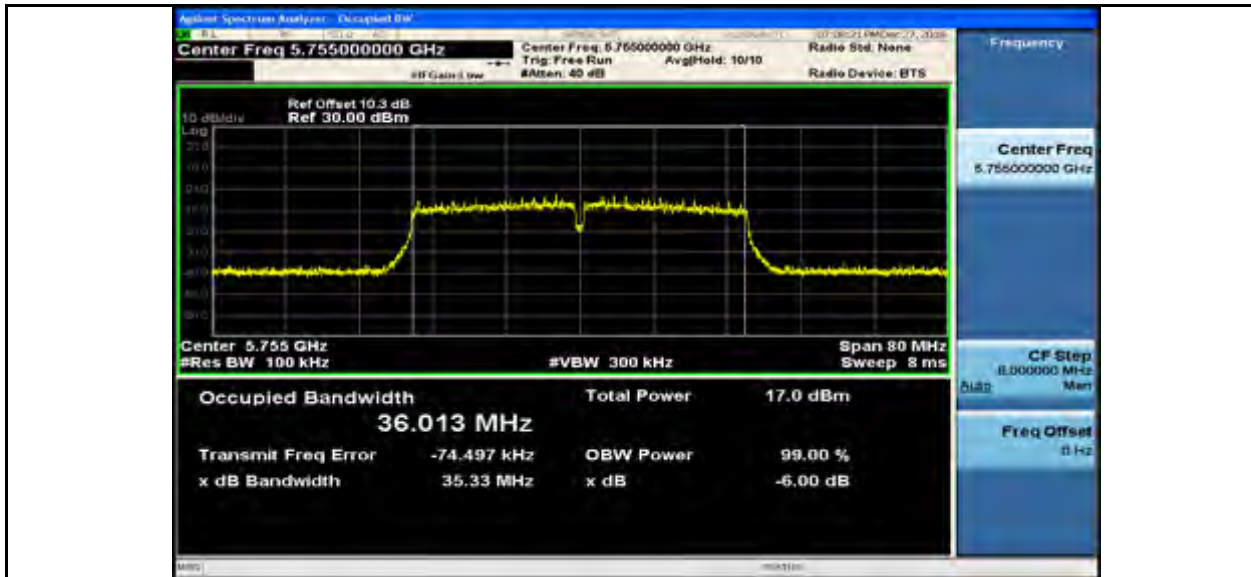
Minimum Emission Bandwidth Measurement_11AC20_5785_Ant2



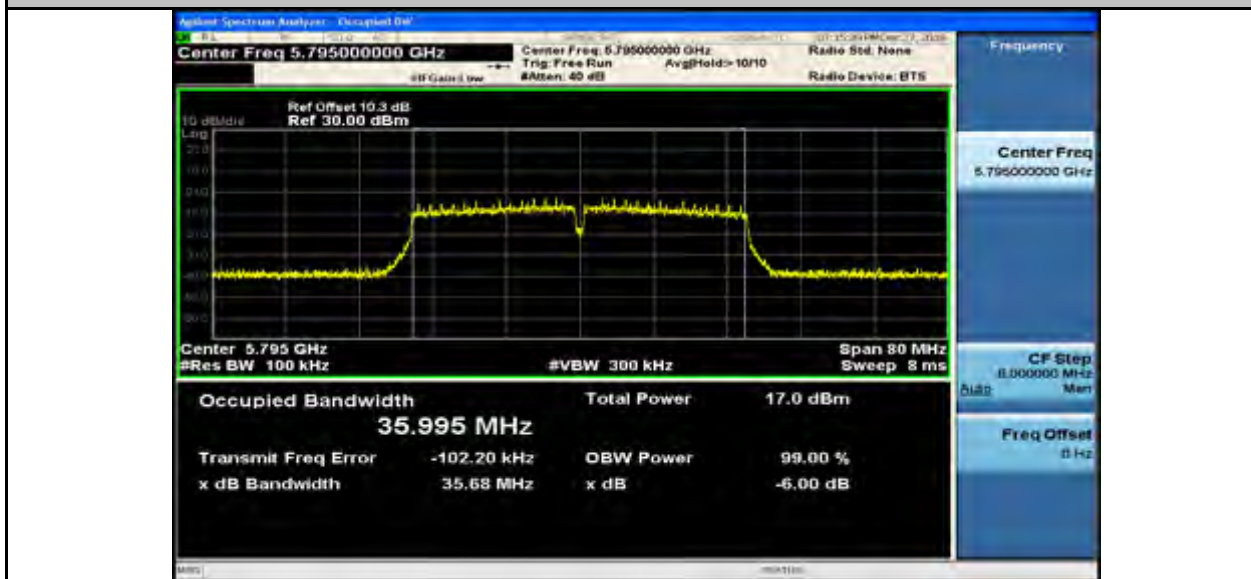
Minimum Emission Bandwidth Measurement_11AC20_5825_Ant2



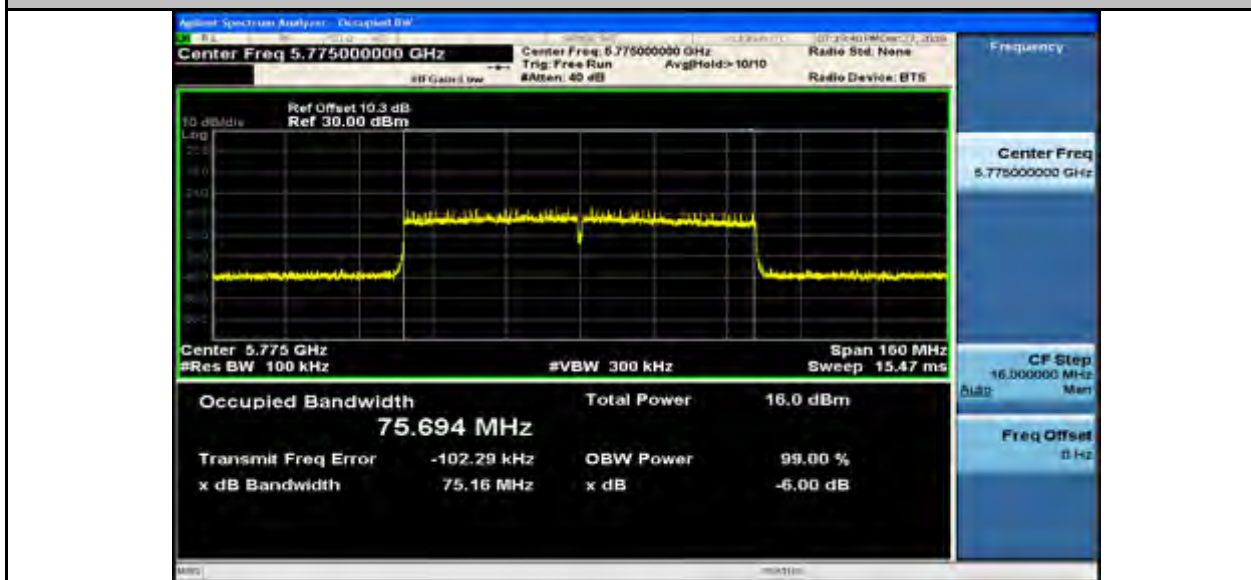
Minimum Emission Bandwidth Measurement_11AC40_5755_Ant2



Minimum Emission Bandwidth Measurement_11AC40_5795_Ant2



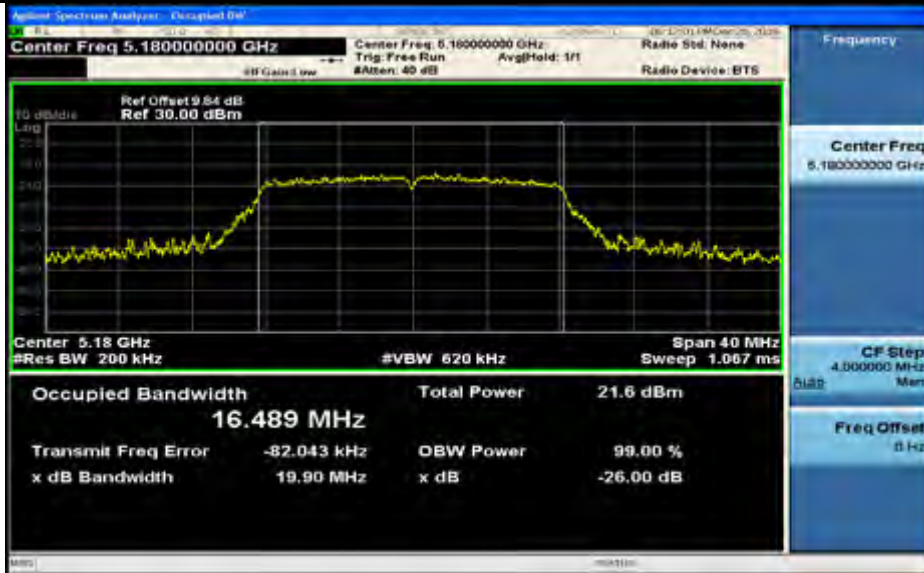
Minimum Emission Bandwidth Measurement_11AC80_5775_Ant2



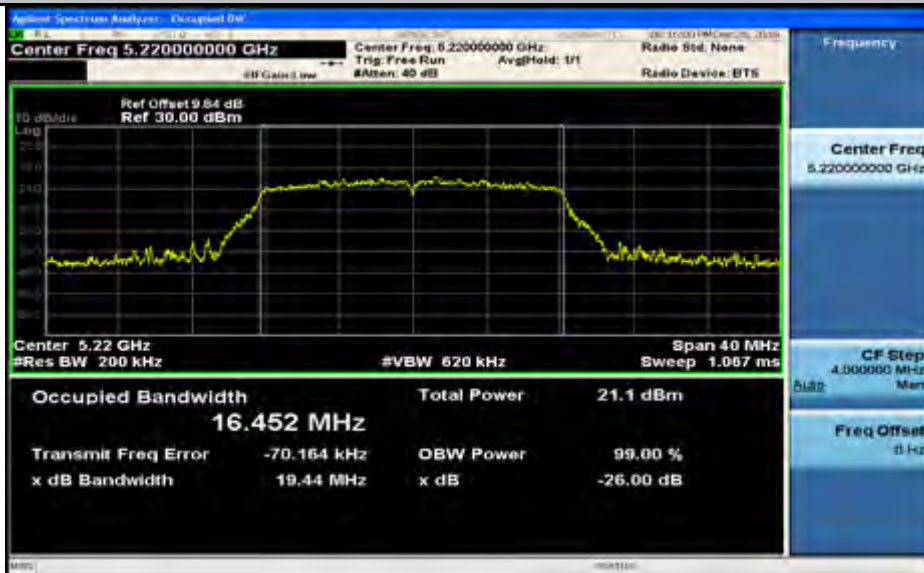
3.Occupied Bandwidth Measurement

Test Mode	Test Channel	OBW[MHz]		Limit[MHz]	Verdict
		Ant1	Ant2		
11A	5180	16.49	16.49	---	PASS
11A	5220	16.45	16.45	---	PASS
11A	5240	16.46	16.45	---	PASS
11A	5745	16.61	16.67	---	PASS
11A	5785	16.66	16.68	---	PASS
11A	5825	16.62	16.72	---	PASS
11N20	5180	17.57	17.55	---	PASS
11N20	5220	17.57	17.53	---	PASS
11N20	5240	17.57	17.52	---	PASS
11N20	5745	17.68	17.59	---	PASS
11N20	5785	17.67	17.58	---	PASS
11N20	5825	17.68	17.57	---	PASS
11N40	5190	36.15	36.19	---	PASS
11N40	5230	36.17	36.19	---	PASS
11N40	5755	36.33	36.42	---	PASS
11N40	5795	36.35	36.53	---	PASS
11AC20	5180	17.57	17.52	---	PASS
11AC20	5220	17.56	17.52	---	PASS
11AC20	5240	17.59	17.52	---	PASS
11AC20	5745	17.66	17.54	---	PASS
11AC20	5785	17.66	17.55	---	PASS
11AC20	5825	17.66	17.56	---	PASS
11AC40	5190	36.12	36.16	---	PASS
11AC40	5230	36.16	36.19	---	PASS
11AC40	5755	36.31	36.44	---	PASS
11AC40	5795	36.34	36.41	---	PASS
11AC80	5210	76.05	75.90	---	PASS
11AC80	5775	75.73	75.74	---	PASS

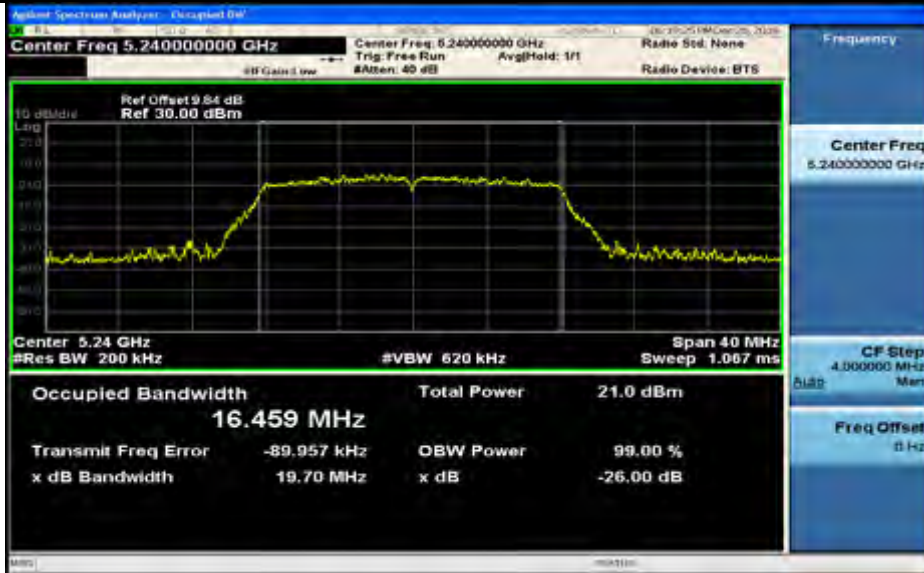
Occupied Bandwidth Measurement_11A_5180_Ant1



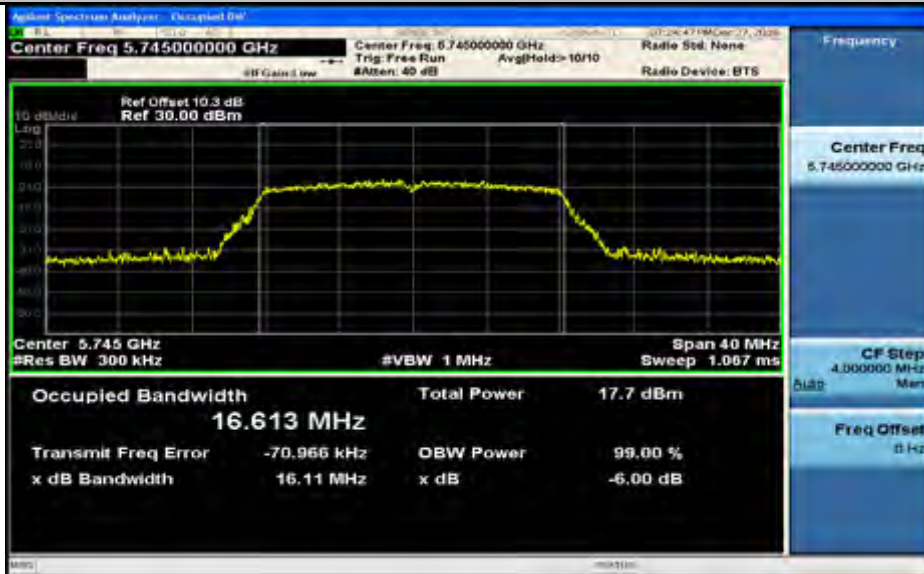
Occupied Bandwidth Measurement_11A_5220_Ant1



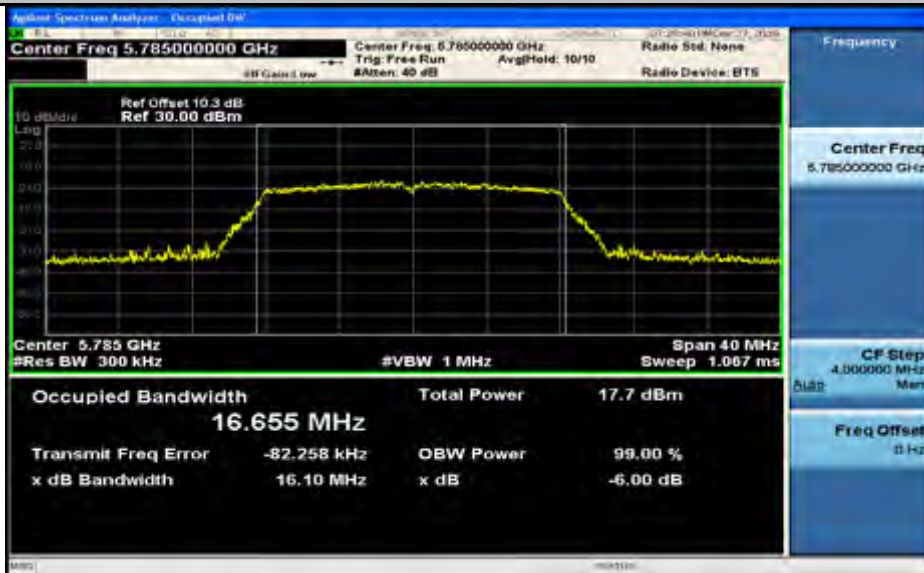
Occupied Bandwidth Measurement_11A_5240_Ant1



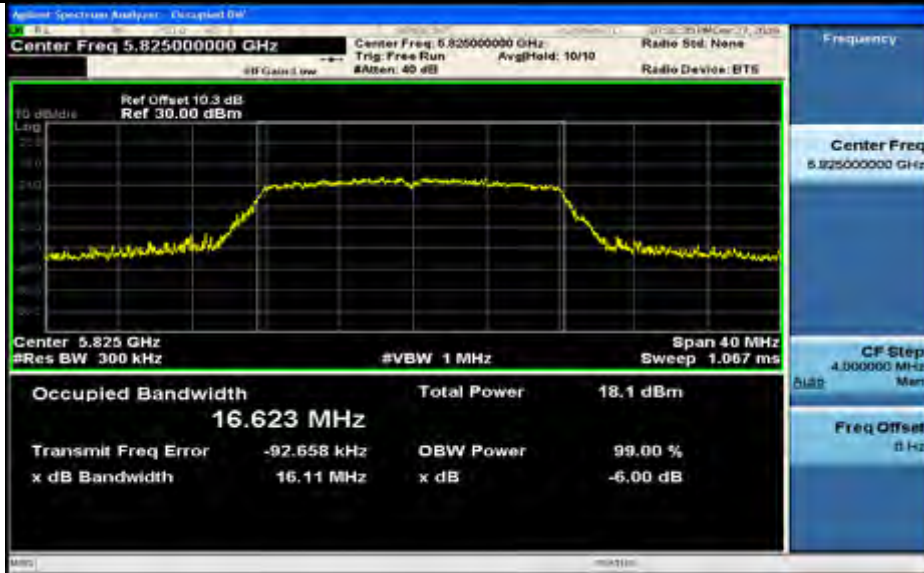
Occupied Bandwidth Measurement_11A_5745_Ant1



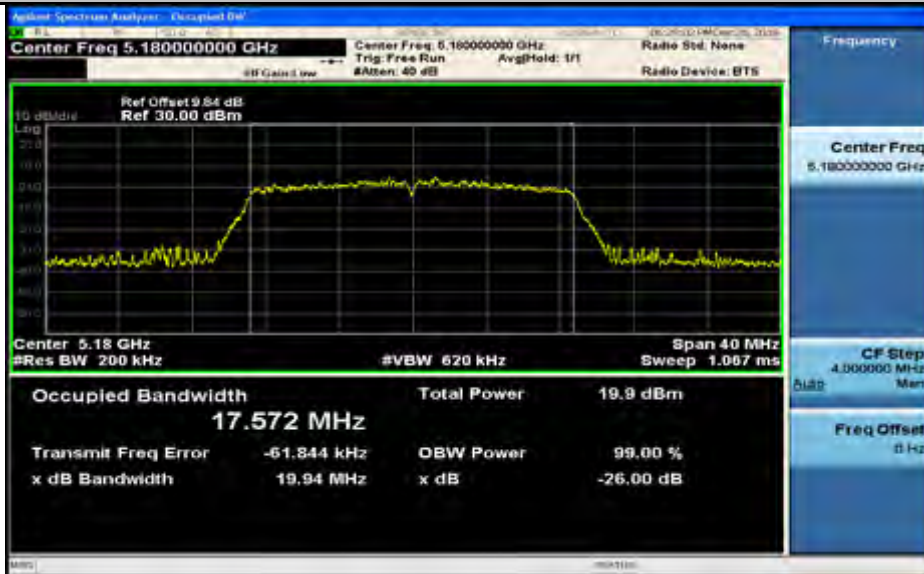
Occupied Bandwidth Measurement_11A_5785_Ant1



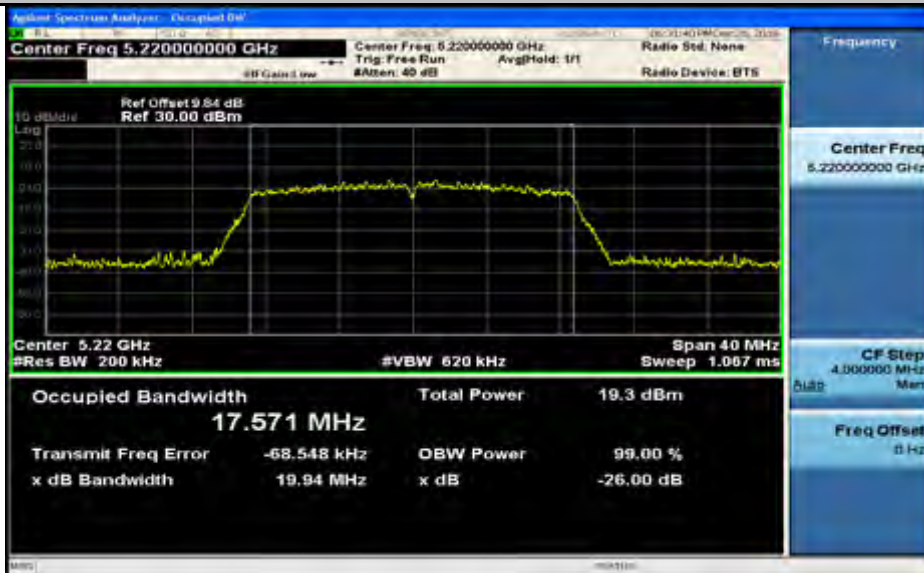
Occupied Bandwidth Measurement_11A_5825_Ant1



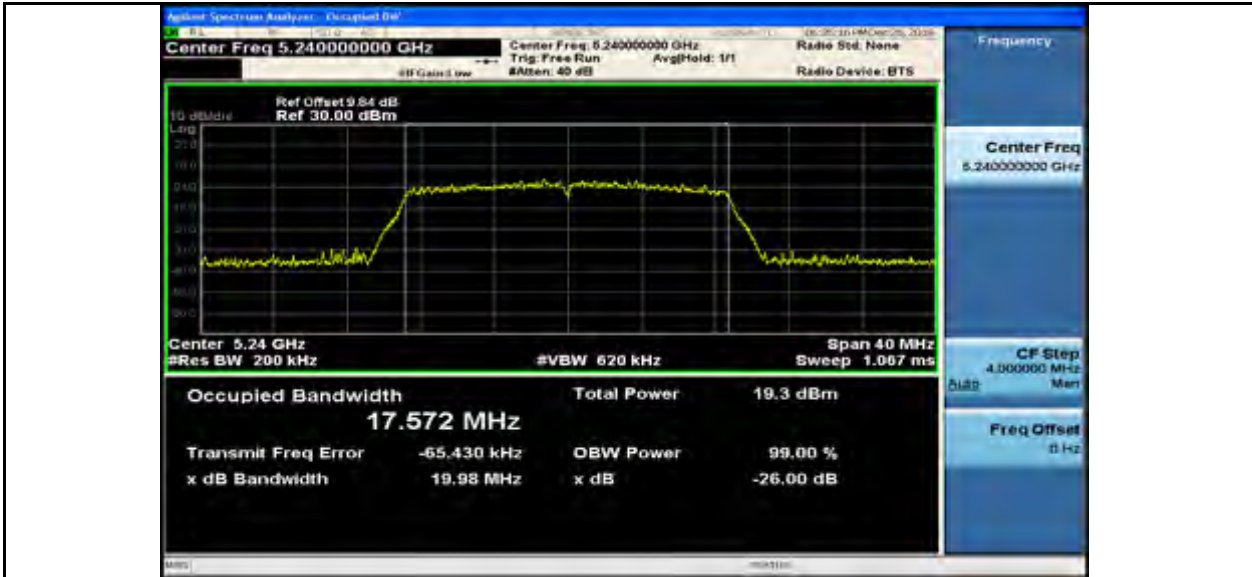
Occupied Bandwidth Measurement_11N20_5180_Ant1



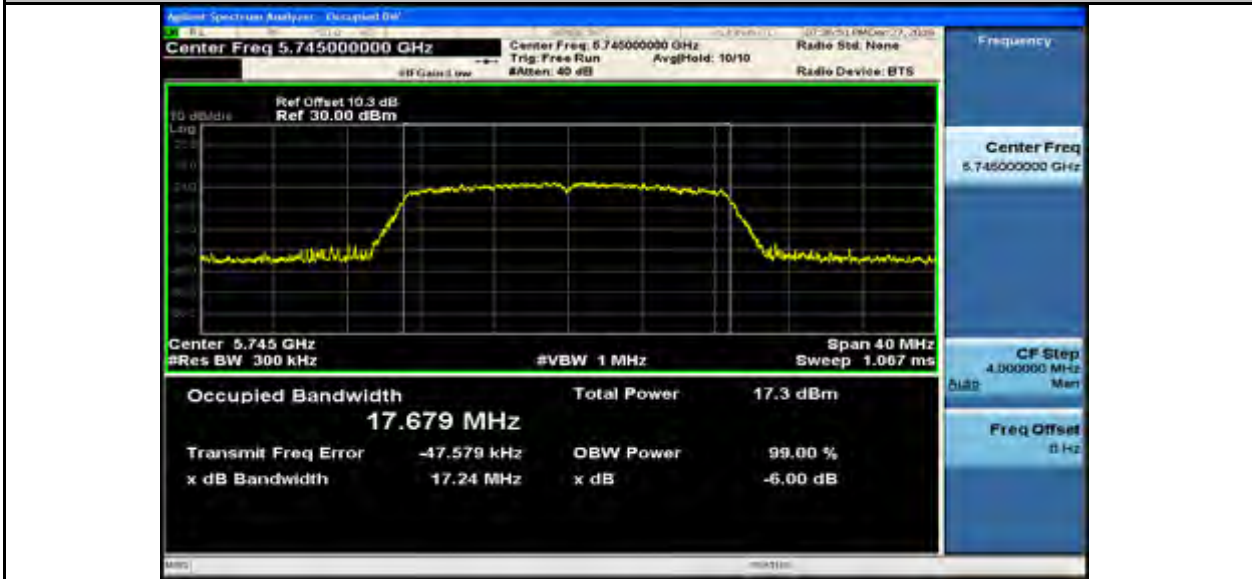
Occupied Bandwidth Measurement_11N20_5220_Ant1



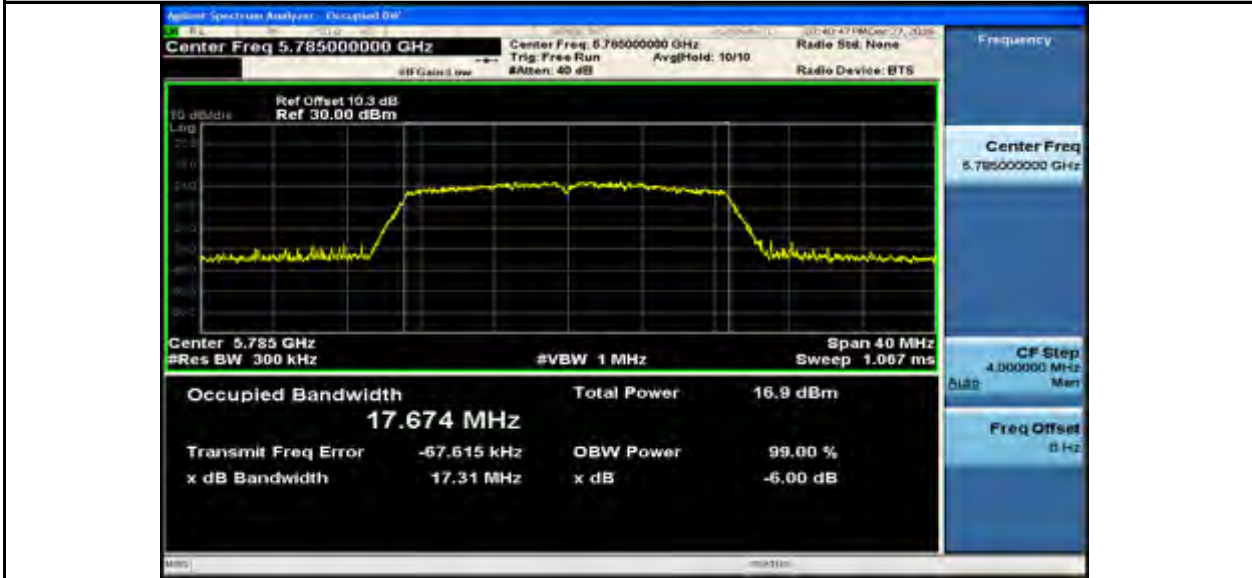
Occupied Bandwidth Measurement_11N20_5240_Ant1



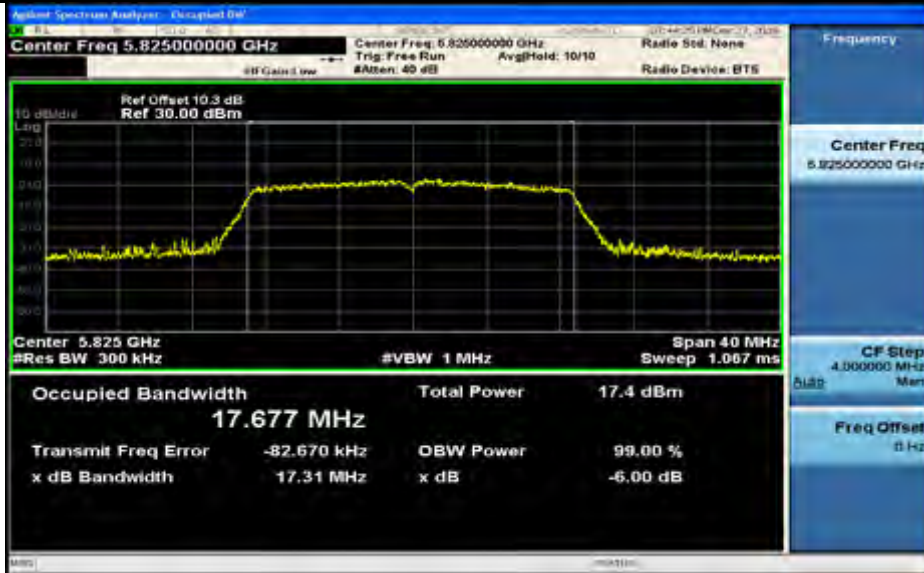
Occupied Bandwidth Measurement_11N20_5745_Ant1



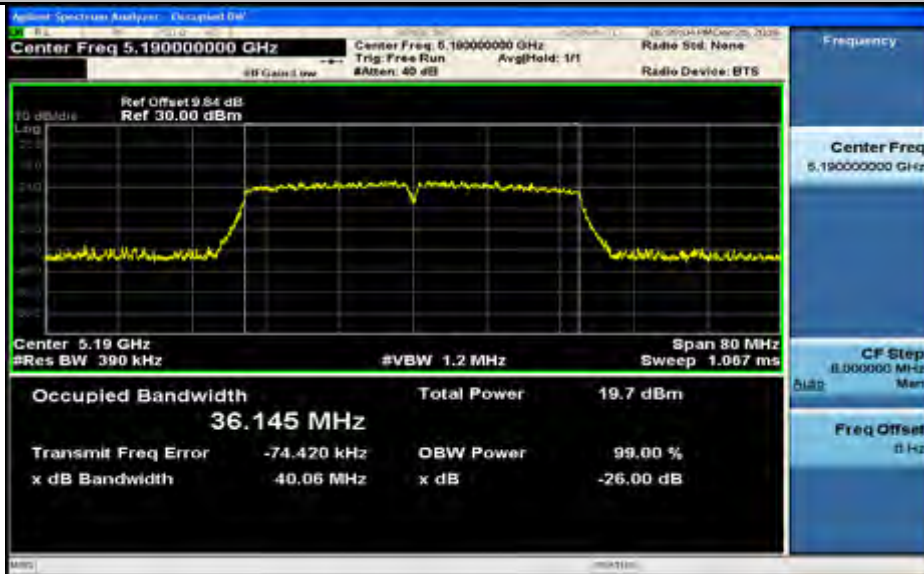
Occupied Bandwidth Measurement_11N20_5785_Ant1



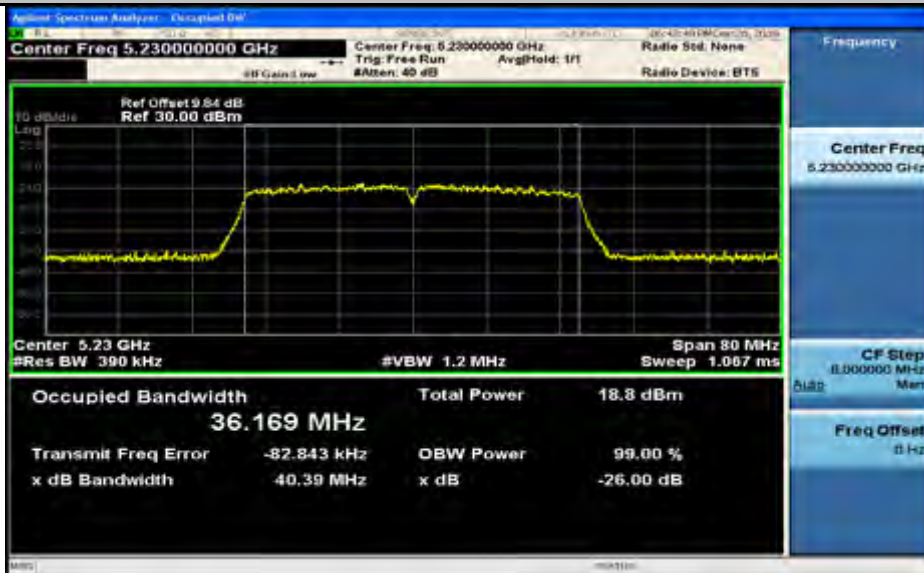
Occupied Bandwidth Measurement_11N20_5825_Ant1



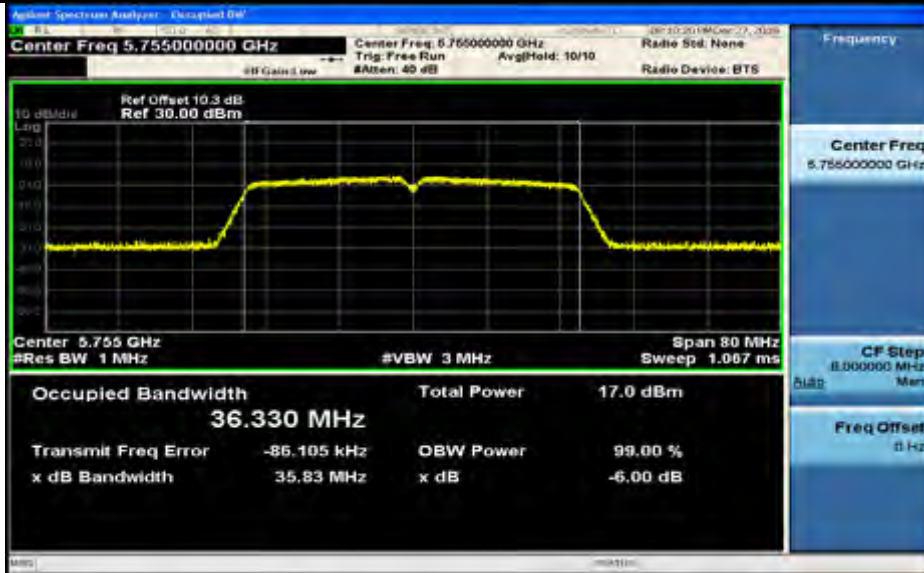
Occupied Bandwidth Measurement_11N40_5190_Ant1



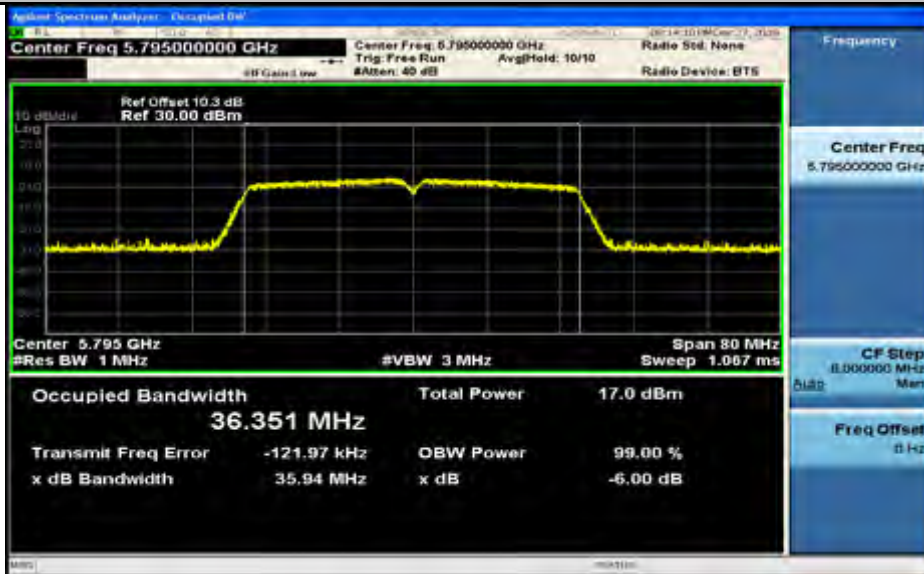
Occupied Bandwidth Measurement_11N40_5230_Ant1



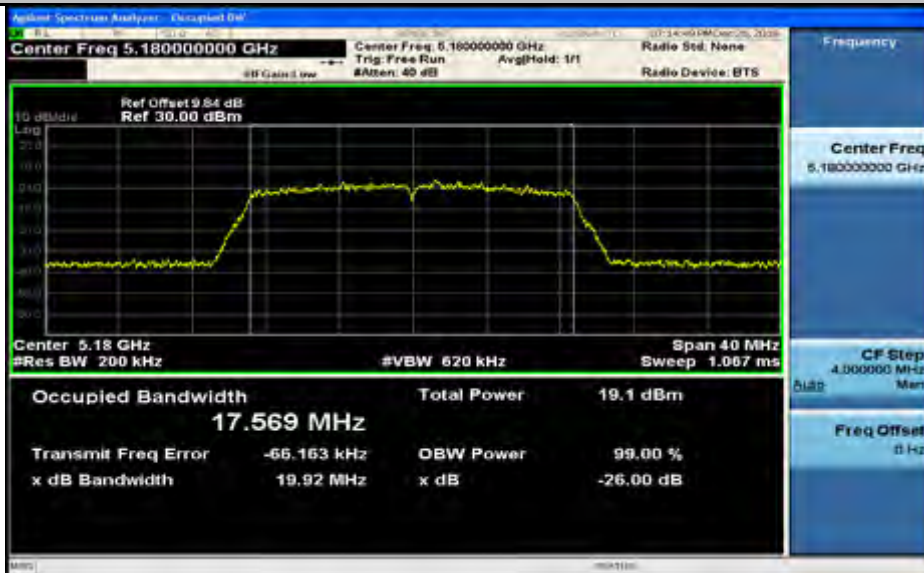
Occupied Bandwidth Measurement_11N40_5755_Ant1



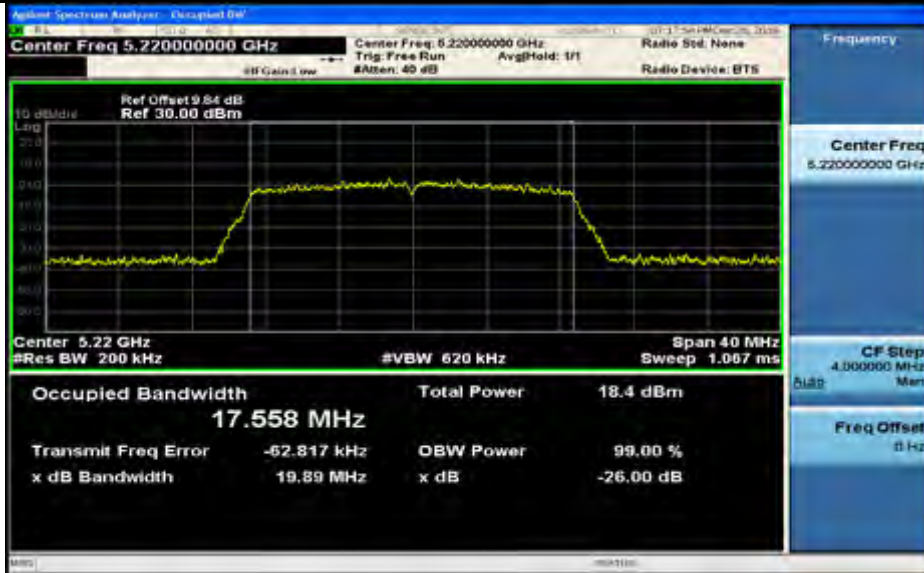
Occupied Bandwidth Measurement_11N40_5795_Ant1



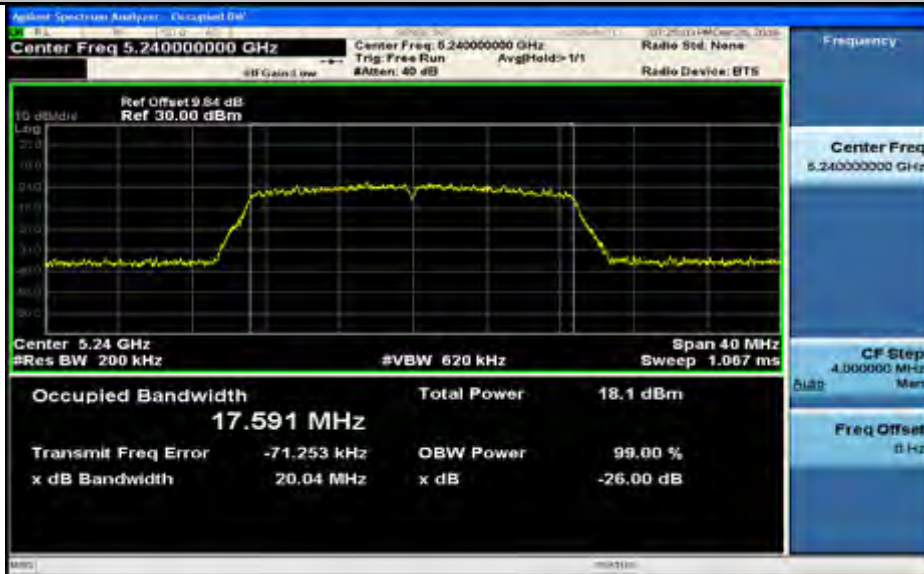
Occupied Bandwidth Measurement_11AC20_5180_Ant1



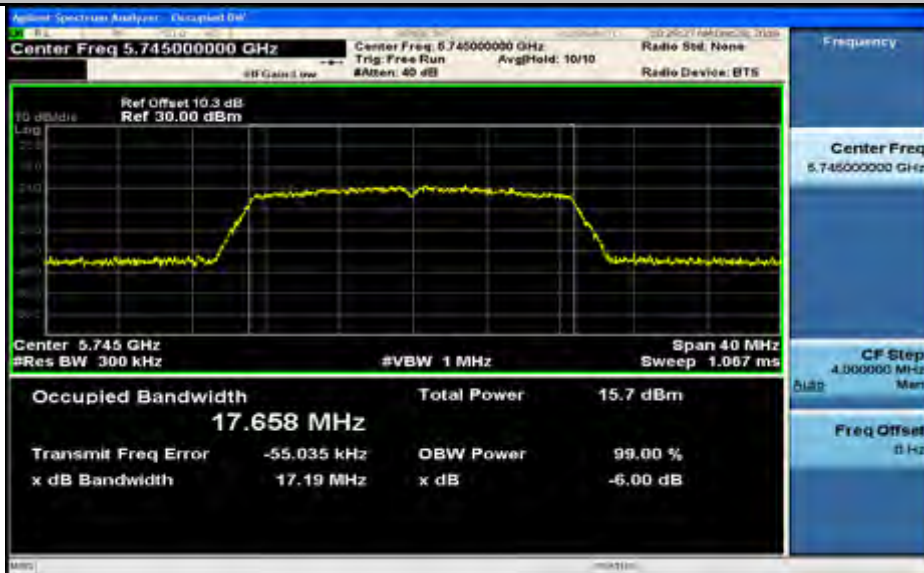
Occupied Bandwidth Measurement_11AC20_5220_Ant1



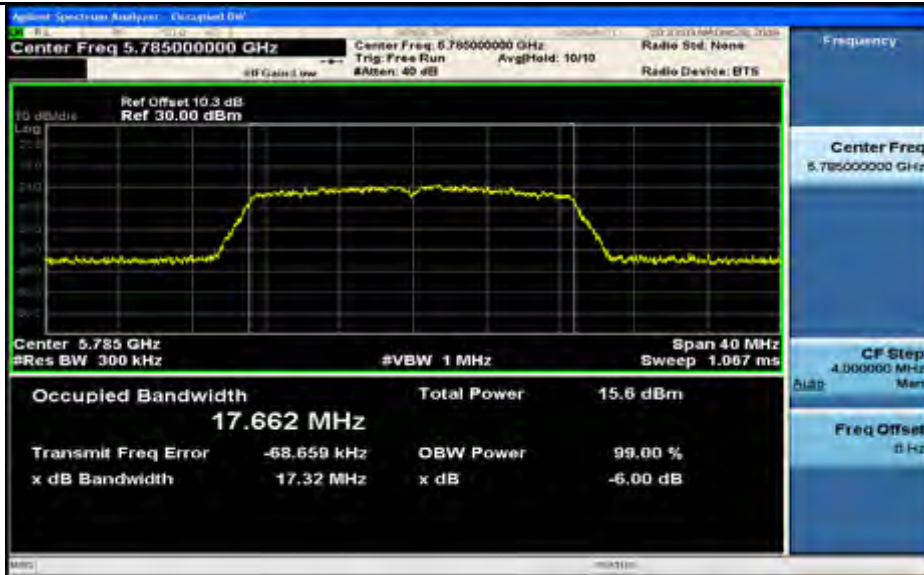
Occupied Bandwidth Measurement_11AC20_5240_Ant1



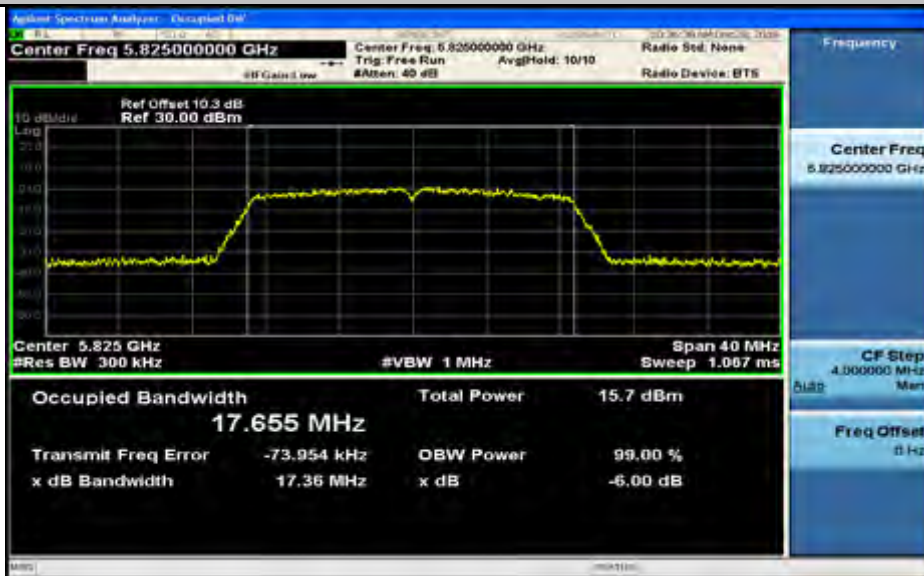
Occupied Bandwidth Measurement_11AC20_5745_Ant1



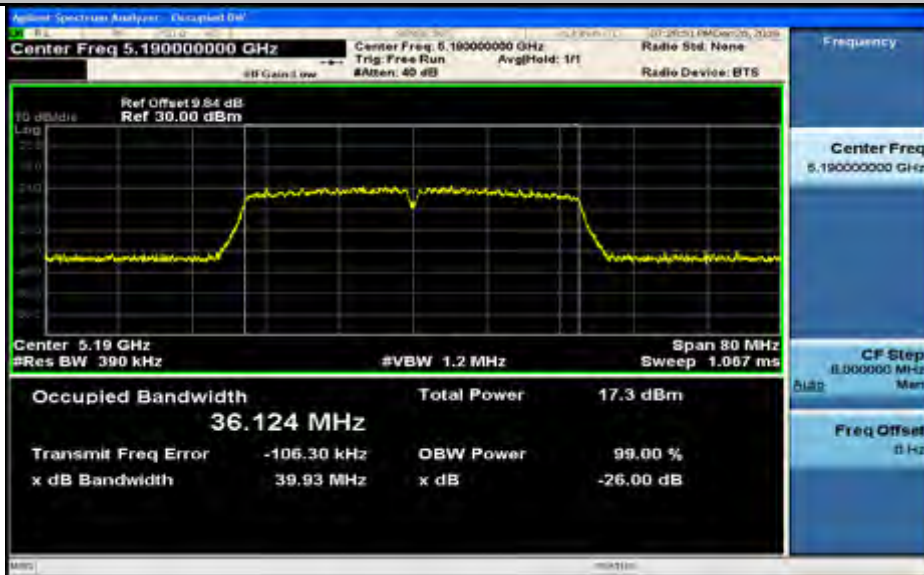
Occupied Bandwidth Measurement_11AC20_5785_Ant1



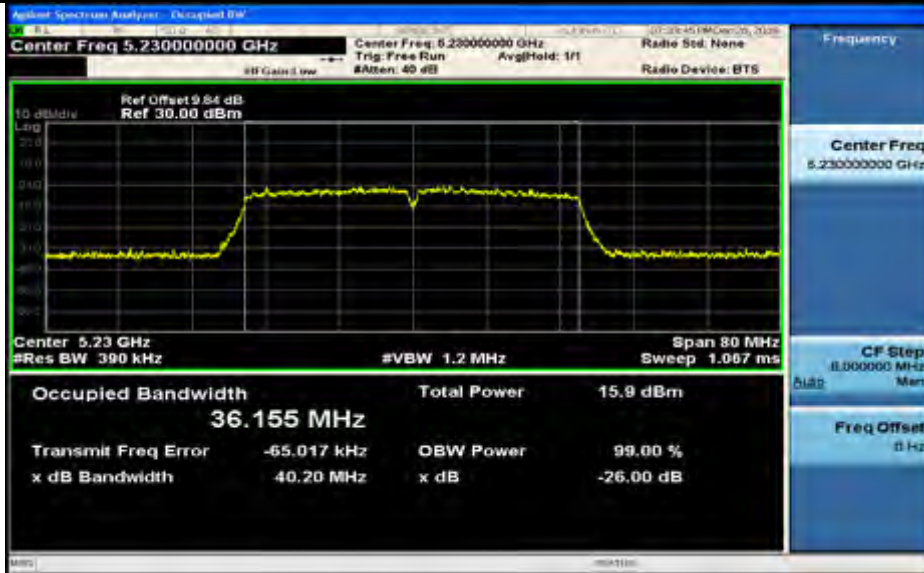
Occupied Bandwidth Measurement_11AC20_5825_Ant1



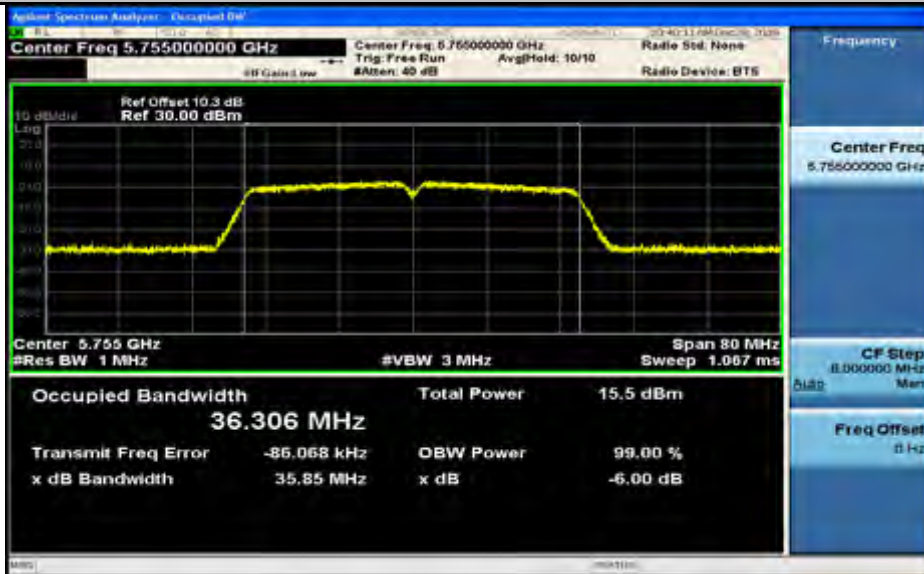
Occupied Bandwidth Measurement_11AC40_5190_Ant1



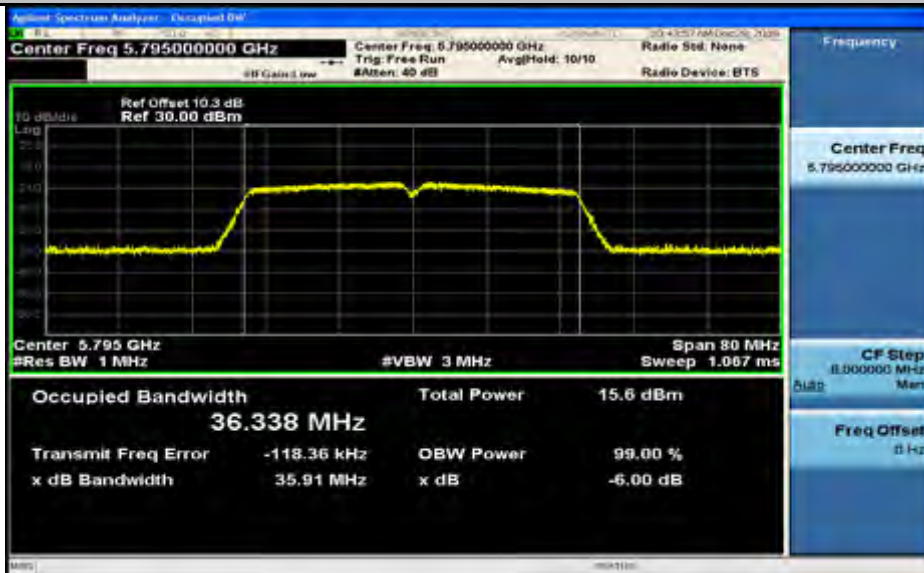
Occupied Bandwidth Measurement_11AC40_5230_Ant1



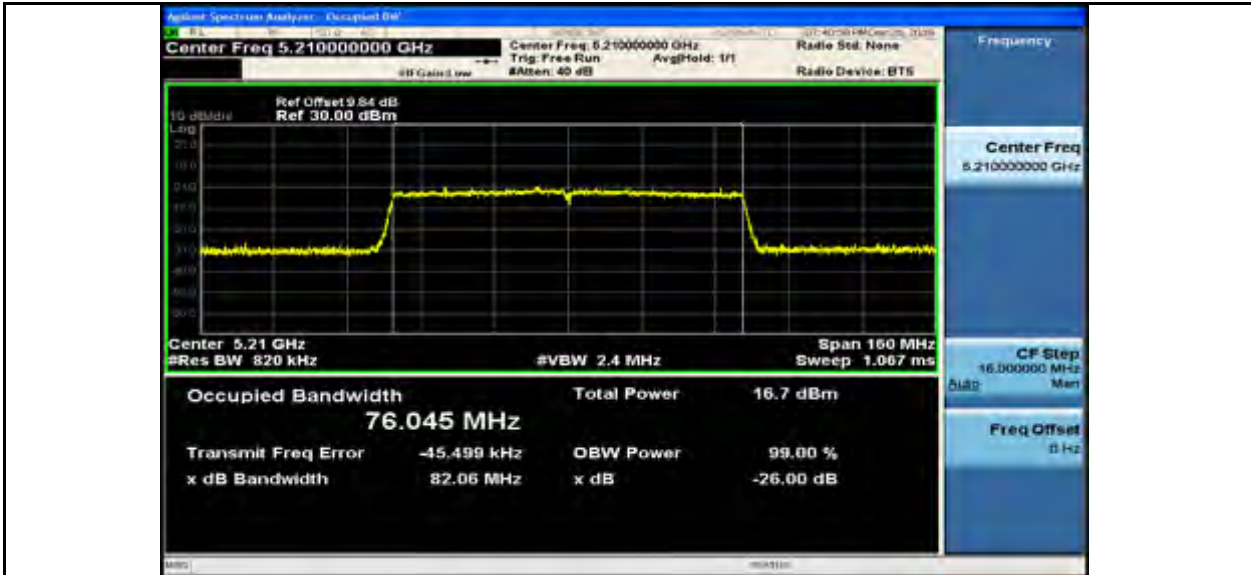
Occupied Bandwidth Measurement_11AC40_5755_Ant1



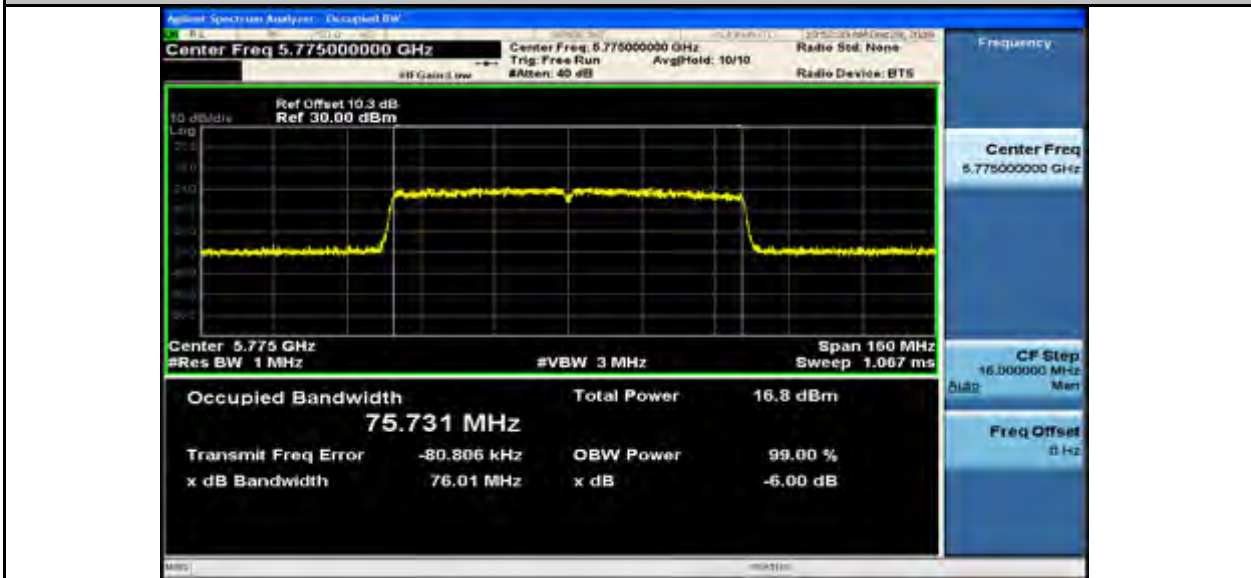
Occupied Bandwidth Measurement_11AC40_5795_Ant1



Occupied Bandwidth Measurement_11AC80_5210_Ant1



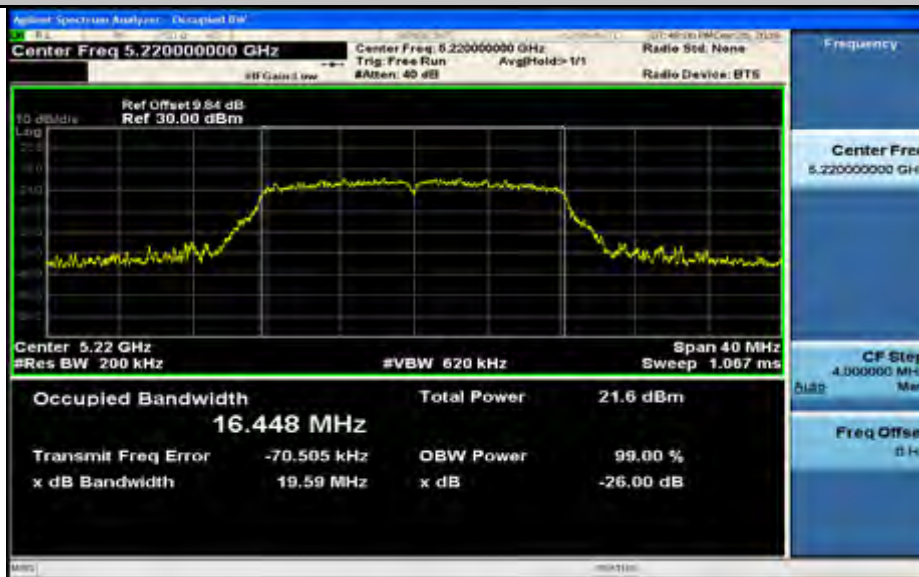
Occupied Bandwidth Measurement_11AC80_5775_Ant1



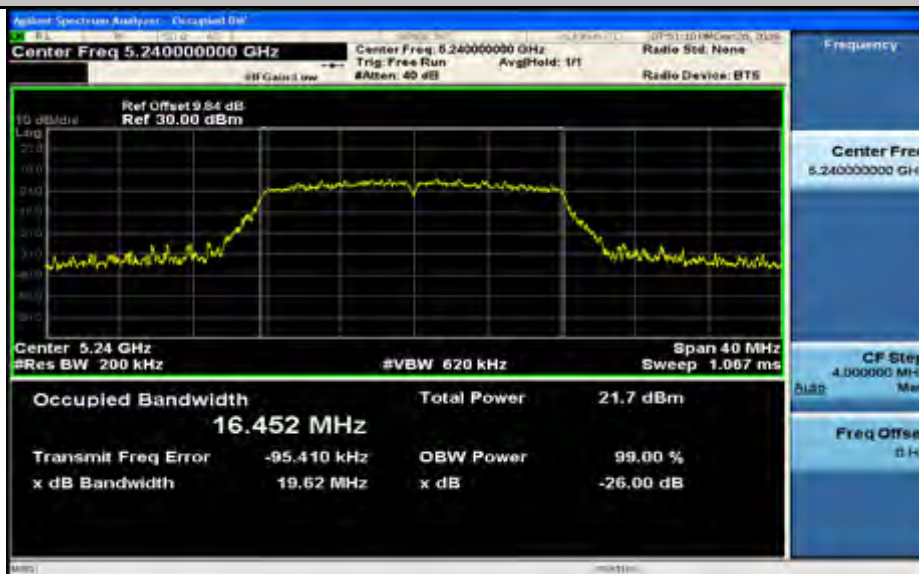
Occupied Bandwidth Measurement_11A_5180_Ant2



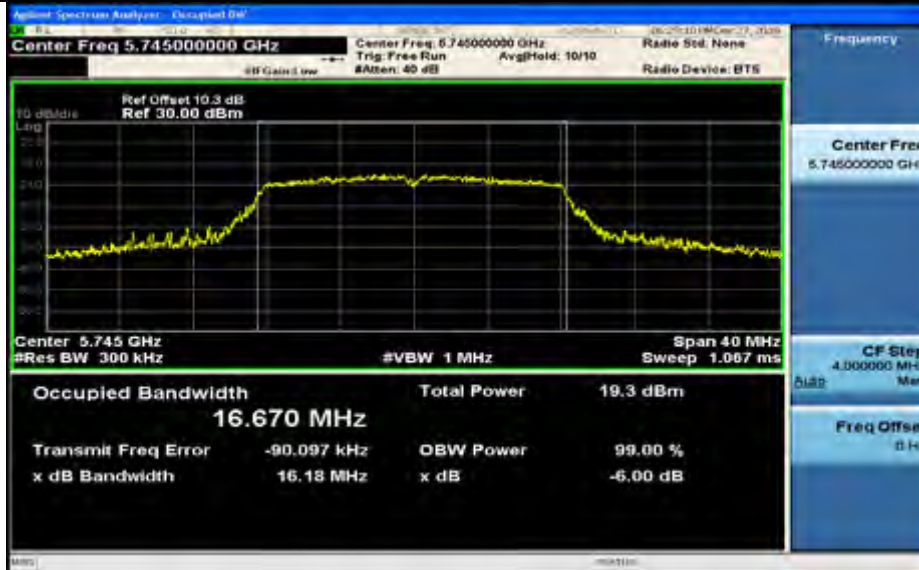
Occupied Bandwidth Measurement_11A_5220_Ant2



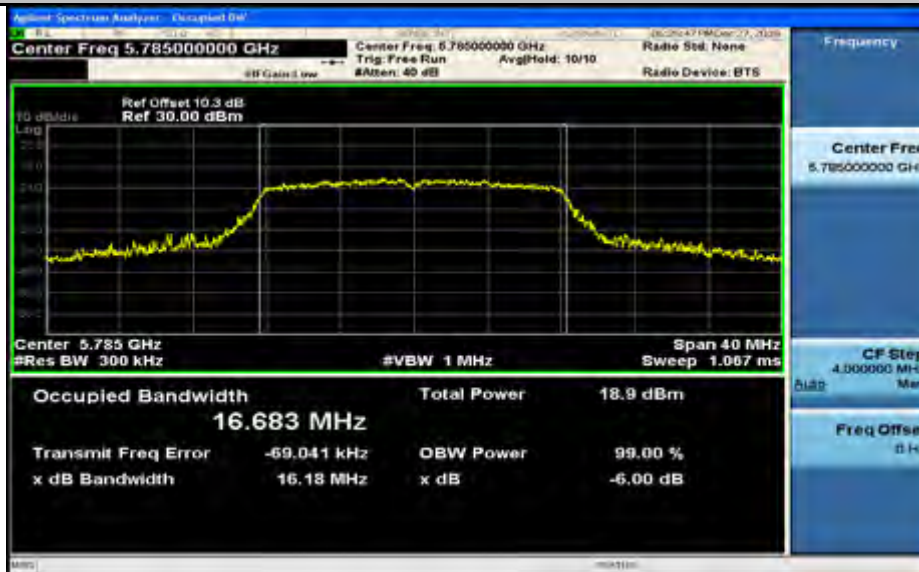
Occupied Bandwidth Measurement_11A_5240_Ant2



Occupied Bandwidth Measurement_11A_5745_Ant2



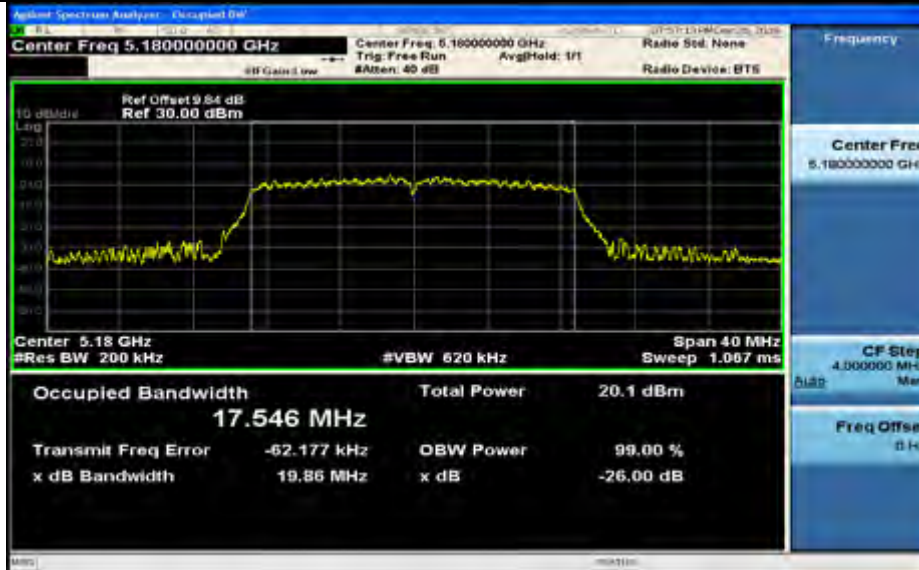
Occupied Bandwidth Measurement_11A_5785_Ant2



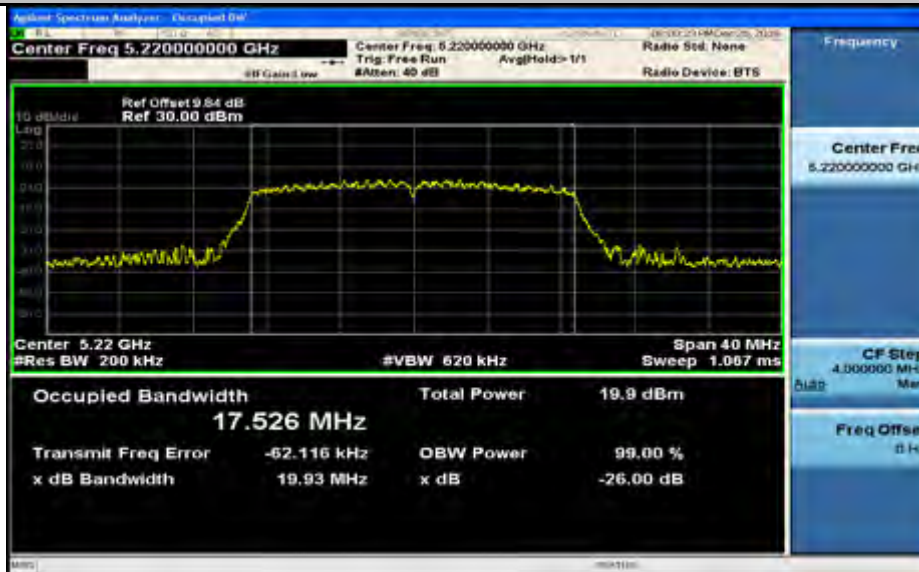
Occupied Bandwidth Measurement_11A_5825_Ant2



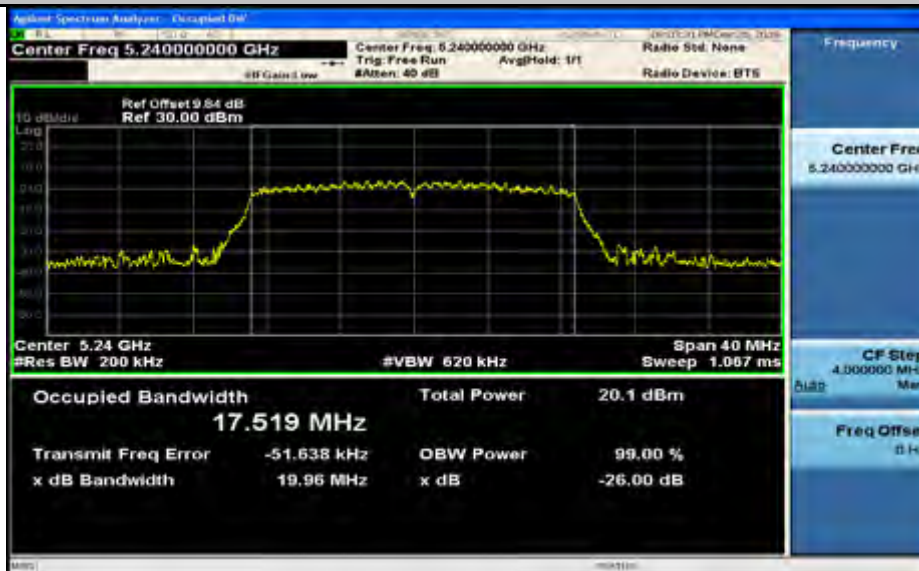
Occupied Bandwidth Measurement_11N20_5180_Ant2



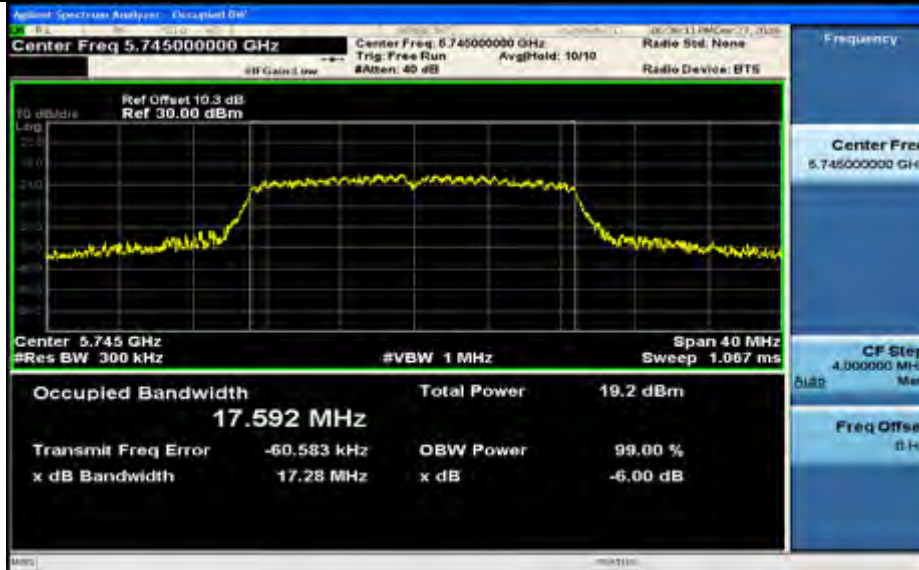
Occupied Bandwidth Measurement_11N20_5220_Ant2



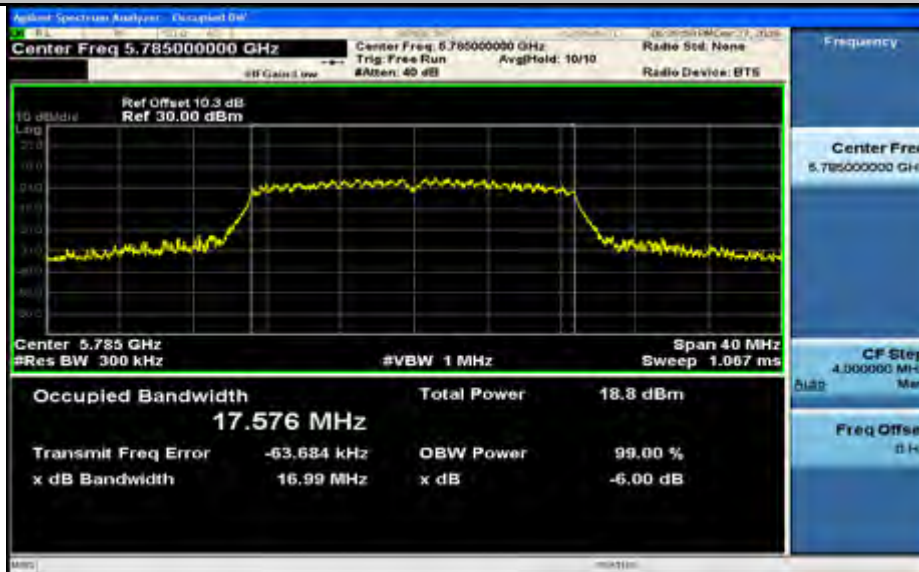
Occupied Bandwidth Measurement_11N20_5240_Ant2



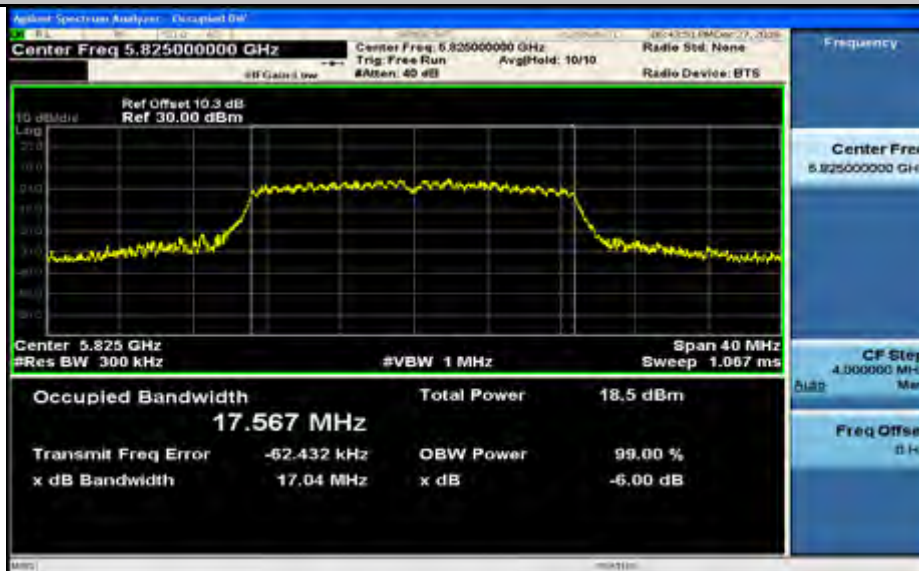
Occupied Bandwidth Measurement_11N20_5745_Ant2



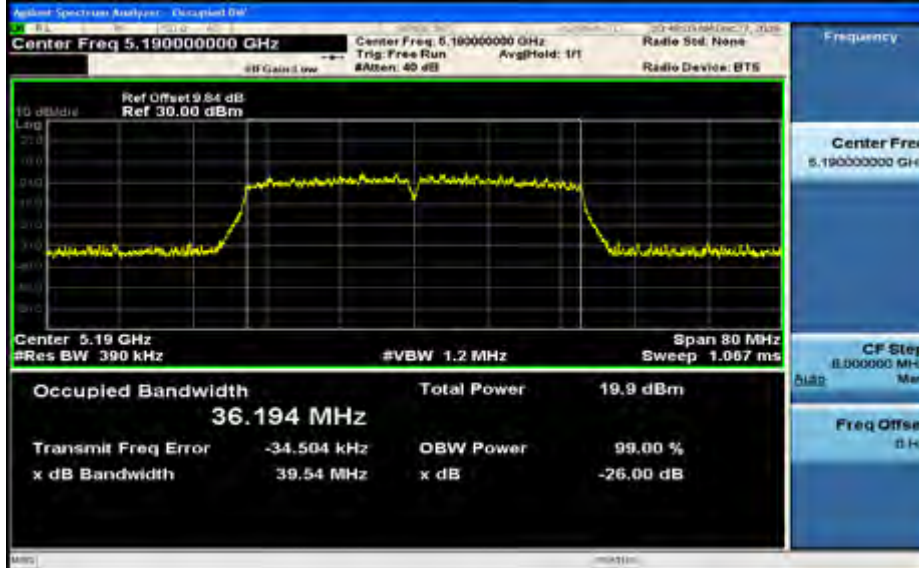
Occupied Bandwidth Measurement_11N20_5785_Ant2



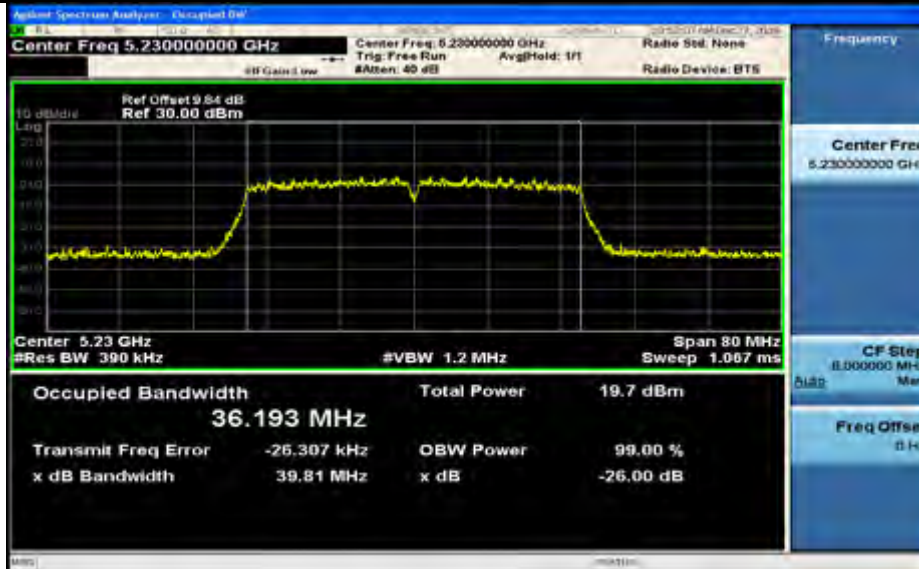
Occupied Bandwidth Measurement_11N20_5825_Ant2



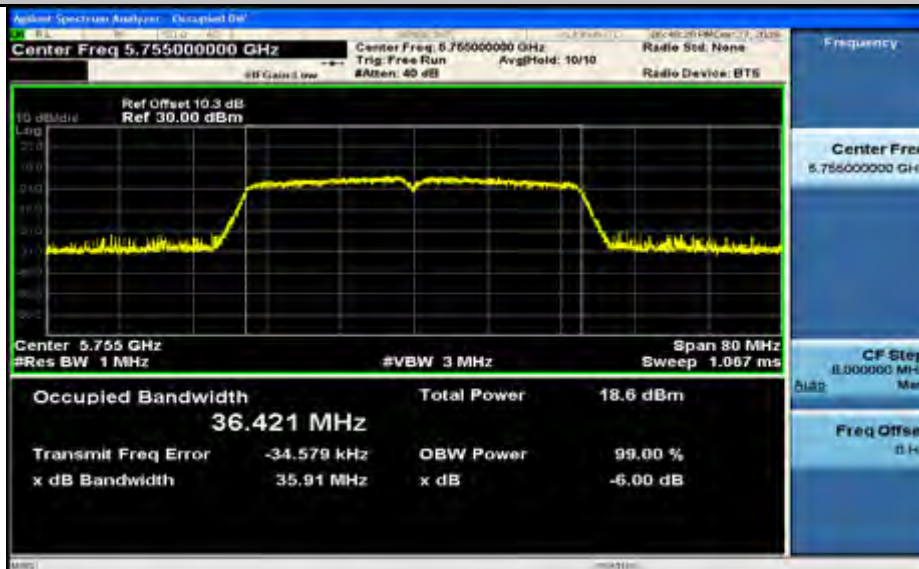
Occupied Bandwidth Measurement_11N40_5190_Ant2



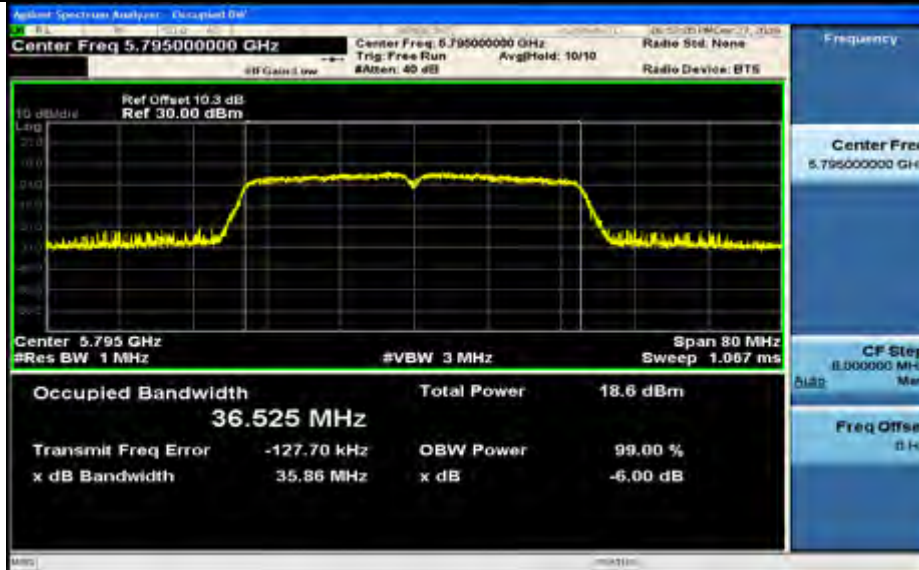
Occupied Bandwidth Measurement_11N40_5230_Ant2



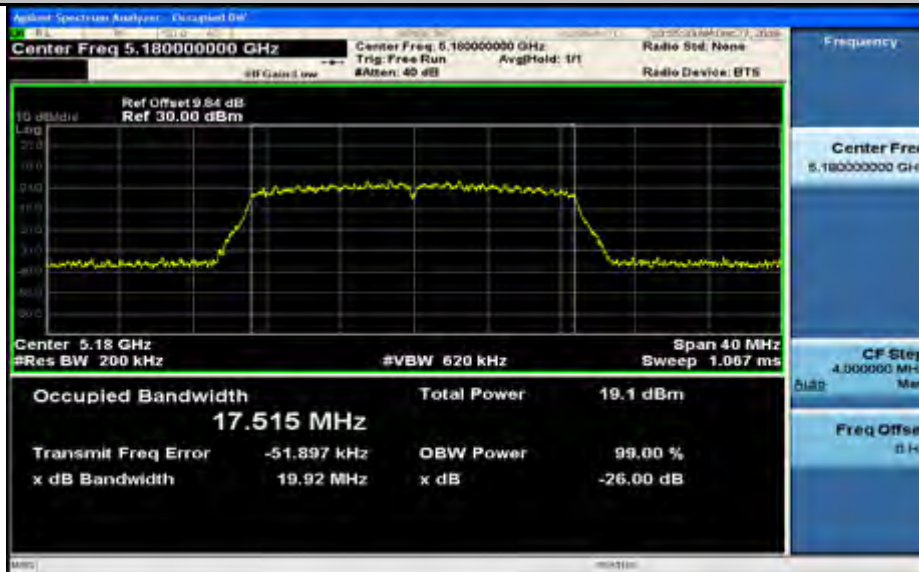
Occupied Bandwidth Measurement_11N40_5755_Ant2



Occupied Bandwidth Measurement_11N40_5795_Ant2



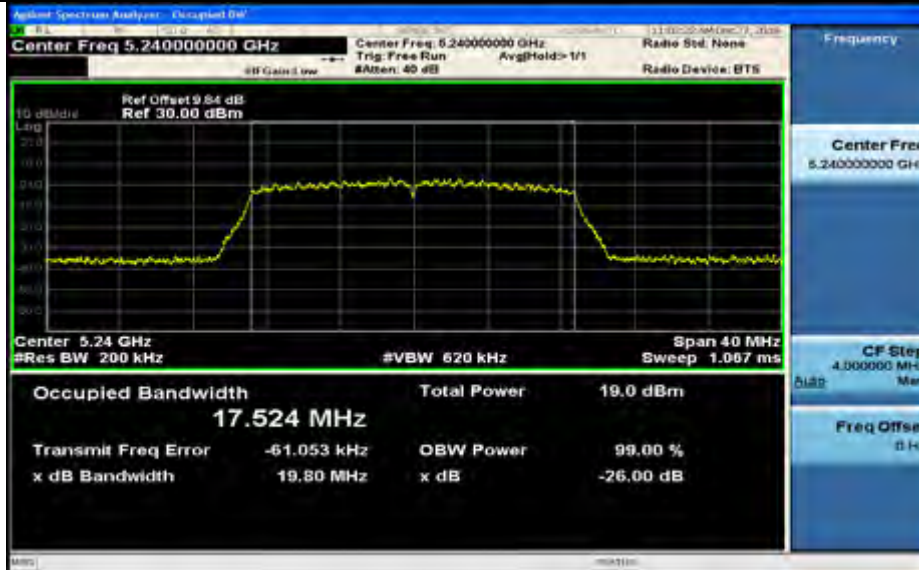
Occupied Bandwidth Measurement_11AC20_5180_Ant2



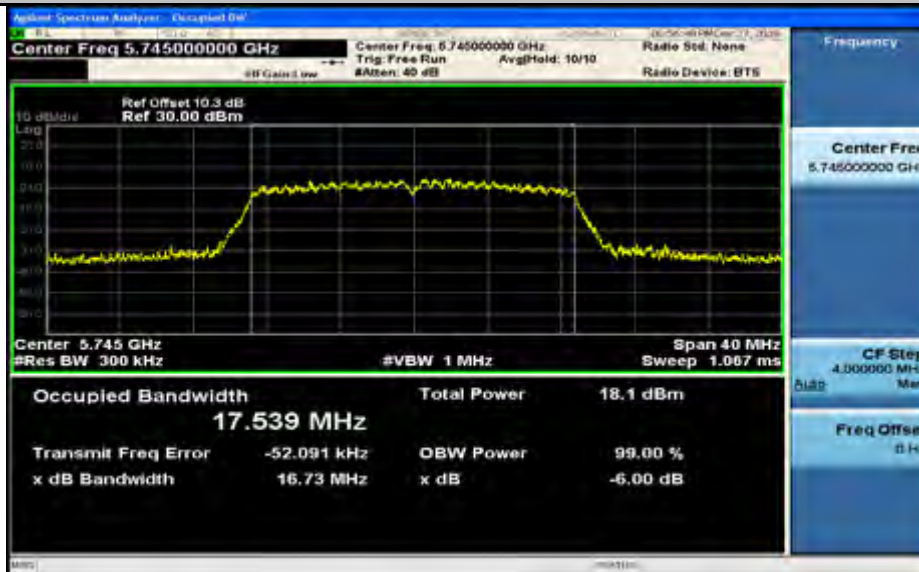
Occupied Bandwidth Measurement_11AC20_5220_Ant2



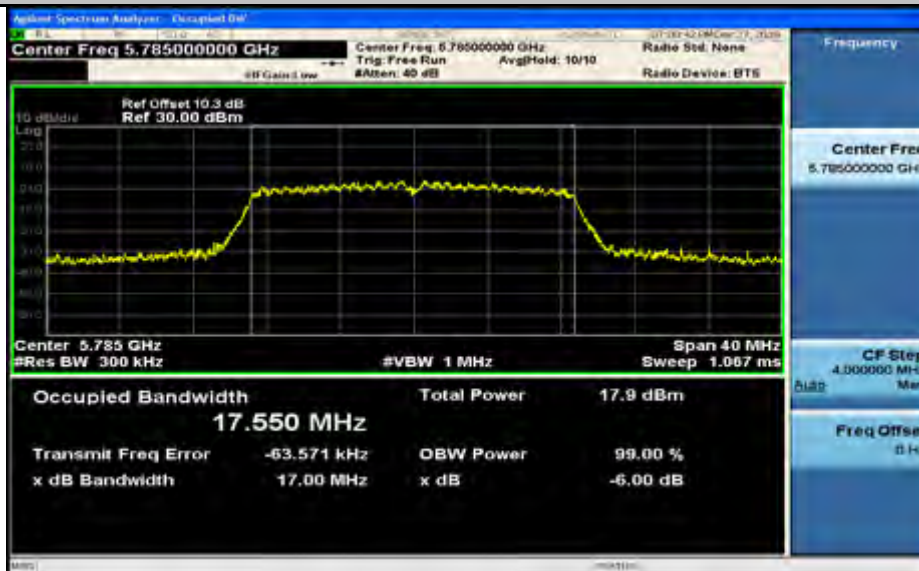
Occupied Bandwidth Measurement_11AC20_5240_Ant2



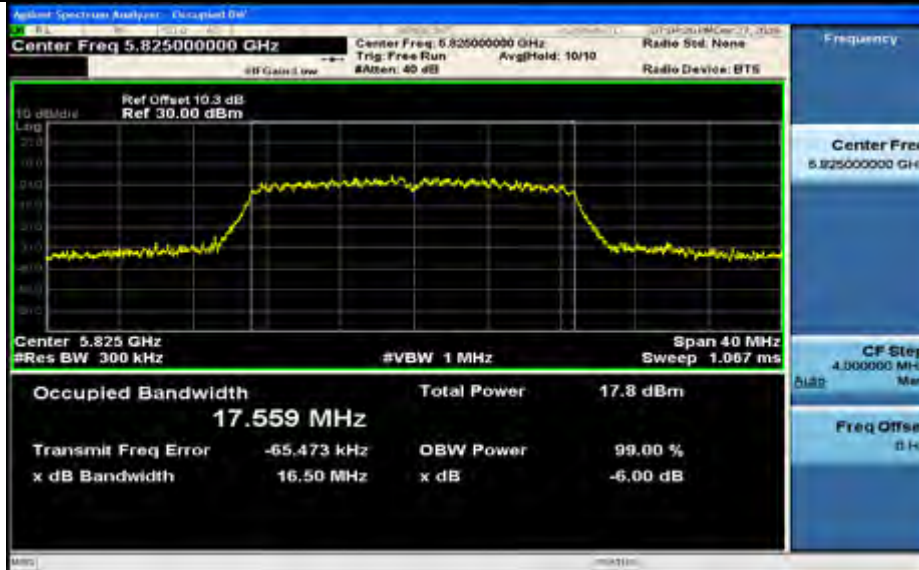
Occupied Bandwidth Measurement_11AC20_5745_Ant2



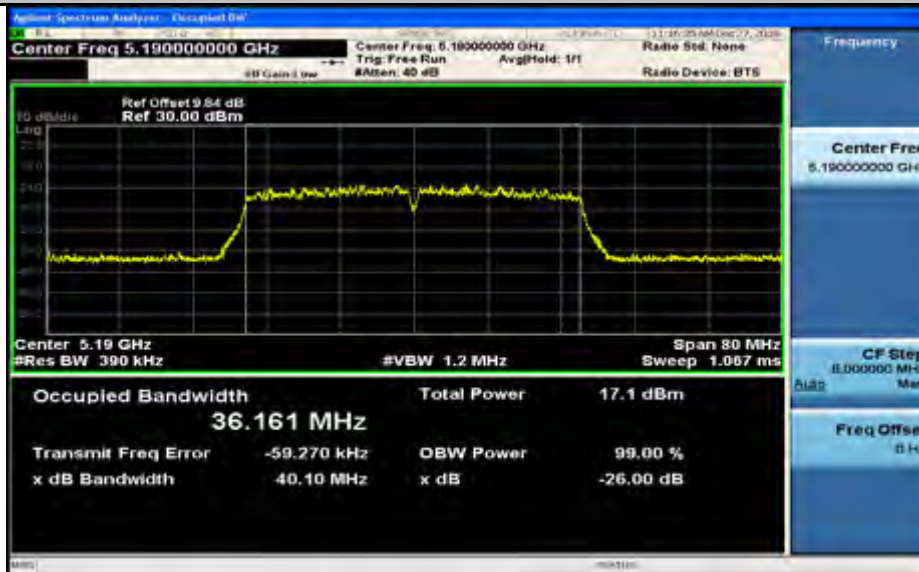
Occupied Bandwidth Measurement_11AC20_5785_Ant2



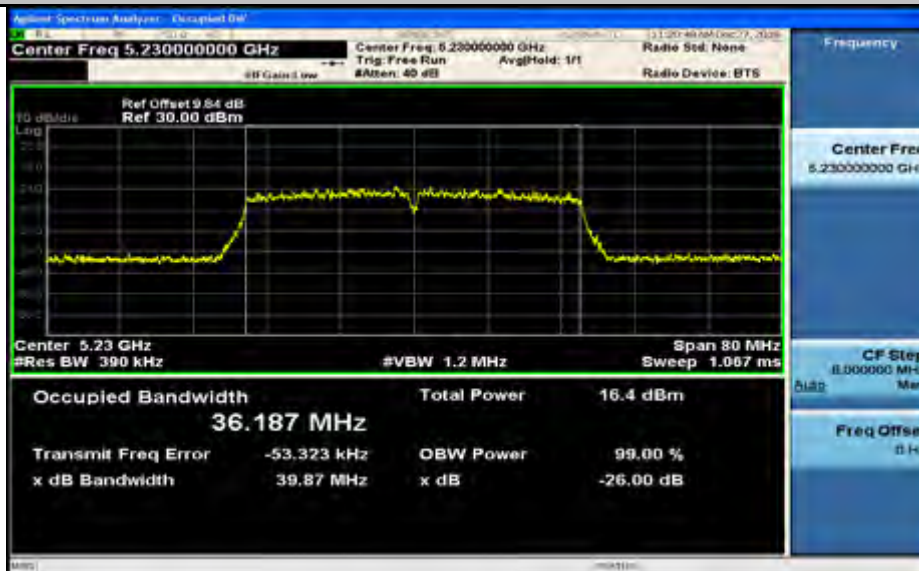
Occupied Bandwidth Measurement_11AC20_5825_Ant2



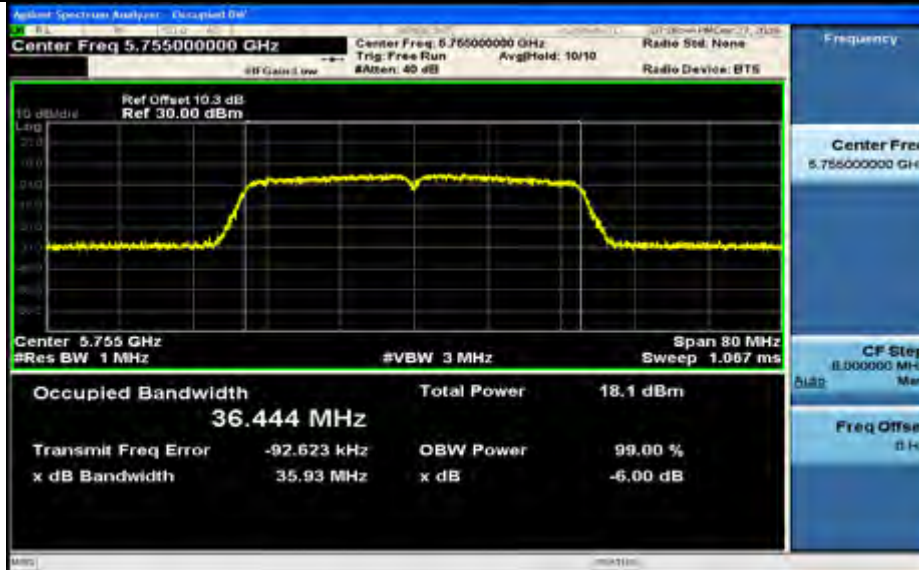
Occupied Bandwidth Measurement_11AC40_5190_Ant2



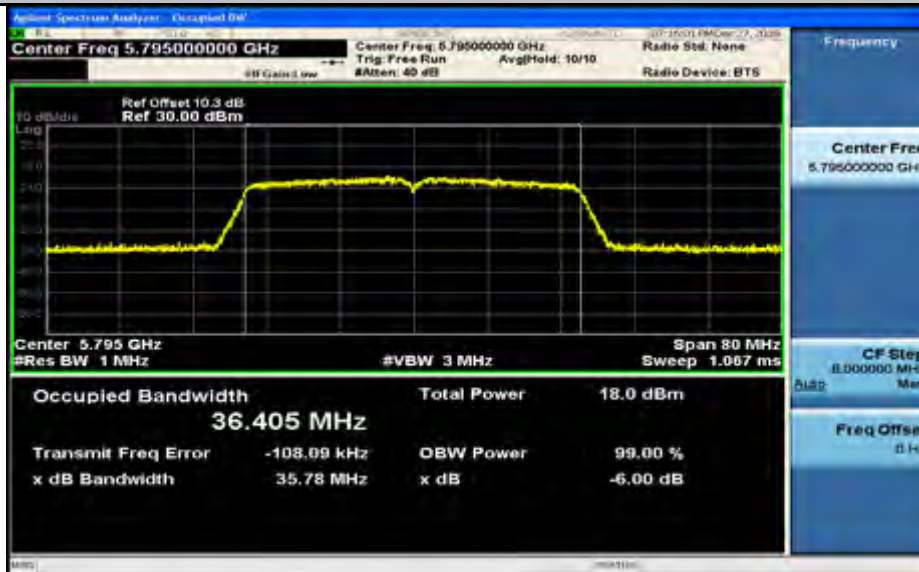
Occupied Bandwidth Measurement_11AC40_5230_Ant2



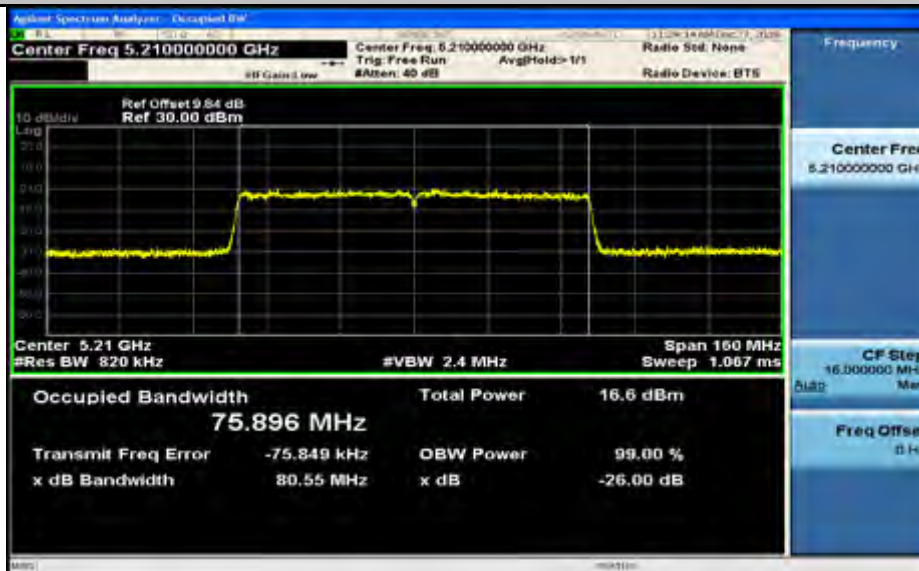
Occupied Bandwidth Measurement_11AC40_5755_Ant2



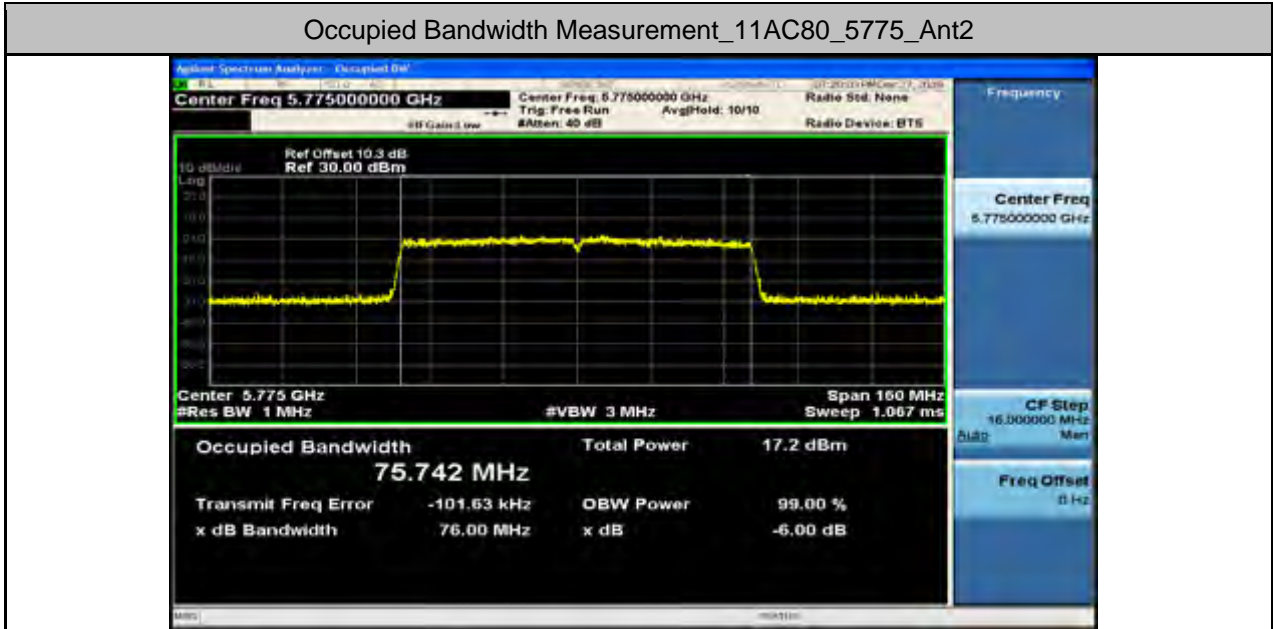
Occupied Bandwidth Measurement_11AC40_5795_Ant2



Occupied Bandwidth Measurement_11AC80_5210_Ant2



Occupied Bandwidth Measurement_11AC80_5775_Ant2



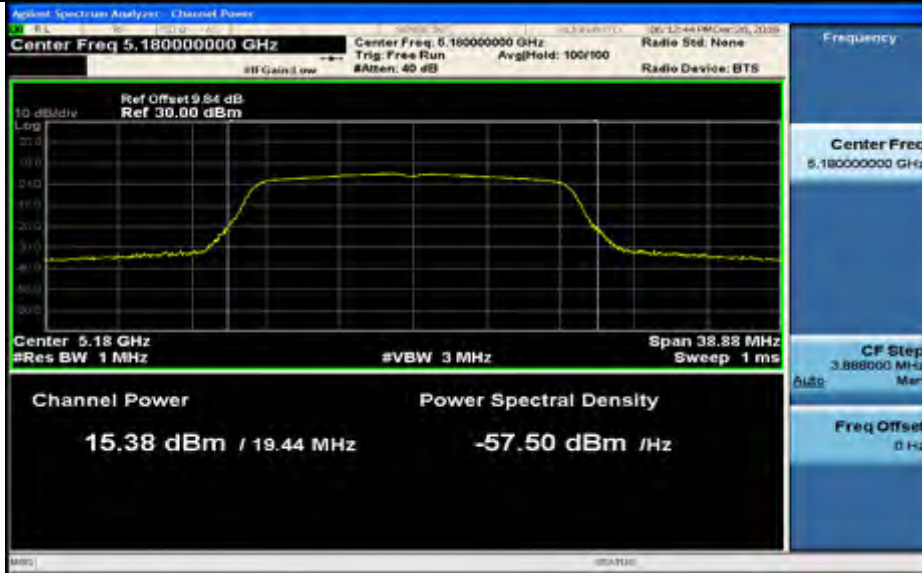
4. Maximum Conduct Output Power

Test Mode	Test Channel	Level [dBm]		10log(1/x) Factor [dB]		Power [dBm]			Limit [dBm]	Verdict
		Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	MIMO		
11A	5180	15.38	15.72	0.31	0.31	15.69	16.03	NA	30.00	PASS
11A	5220	14.72	15.32	0.31	0.31	15.03	15.63	NA	30.00	PASS
11A	5240	14.66	15.42	0.31	0.31	14.97	15.73	NA	30.00	PASS
11A	5745	11.72	13.31	0.31	0.31	12.03	13.62	NA	30.00	PASS
11A	5785	11.51	12.74	0.31	0.31	11.82	13.05	NA	30.00	PASS
11A	5825	11.87	12.61	0.31	0.31	12.18	12.92	NA	30.00	PASS
11N20	5180	13.75	13.81	0.34	0.34	14.09	14.15	17.13	28.00	PASS
11N20	5220	12.7	13.61	0.34	0.34	13.04	13.95	16.53	28.00	PASS
11N20	5240	12.9	13.77	0.34	0.34	13.24	14.11	16.71	28.00	PASS
11N20	5745	10.98	12.32	0.34	0.33	11.32	12.65	15.05	28.00	PASS
11N20	5785	10.61	12.1	0.34	0.34	10.95	12.44	14.77	28.00	PASS
11N20	5825	10.99	11.86	0.34	0.34	11.33	12.20	14.80	28.00	PASS
11N40	5190	13.33	13.02	0.65	0.64	13.98	13.66	16.83	28.00	PASS
11N40	5230	12.34	12.81	0.64	0.65	12.98	13.46	16.24	28.00	PASS
11N40	5755	9.67	10.96	0.65	0.65	10.32	11.61	14.02	28.00	PASS
11N40	5795	9.69	10.9	0.65	0.65	10.34	11.55	14.00	28.00	PASS
11AC20	5180	12.71	12.77	0.33	0.33	13.04	13.10	16.08	28.00	PASS
11AC20	5220	11.99	12.32	0.33	0.33	12.32	12.65	15.50	28.00	PASS
11AC20	5240	11.88	12.53	0.33	0.33	12.21	12.86	15.56	28.00	PASS
11AC20	5745	9.49	11.29	0.33	0.33	9.82	11.62	13.82	28.00	PASS
11AC20	5785	9.25	11.06	0.32	0.33	9.57	11.39	13.58	28.00	PASS
11AC20	5825	9.48	10.9	0.33	0.33	9.81	11.23	13.59	28.00	PASS
11AC40	5190	10.78	9.97	0.63	0.63	11.41	10.6	14.03	28.00	PASS
11AC40	5230	9.52	9.51	0.65	0.65	10.17	10.16	13.18	28.00	PASS
11AC40	5755	8.2	10.33	0.63	0.65	8.83	10.98	13.05	28.00	PASS
11AC40	5795	8.26	10.31	0.63	0.65	8.89	10.96	13.06	28.00	PASS
11AC80	5210	9.19	8.68	1.18	1.19	10.37	9.87	13.14	28.00	PASS
11AC80	5775	8.72	9.01	1.22	1.20	9.94	10.21	13.09	28.00	PASS

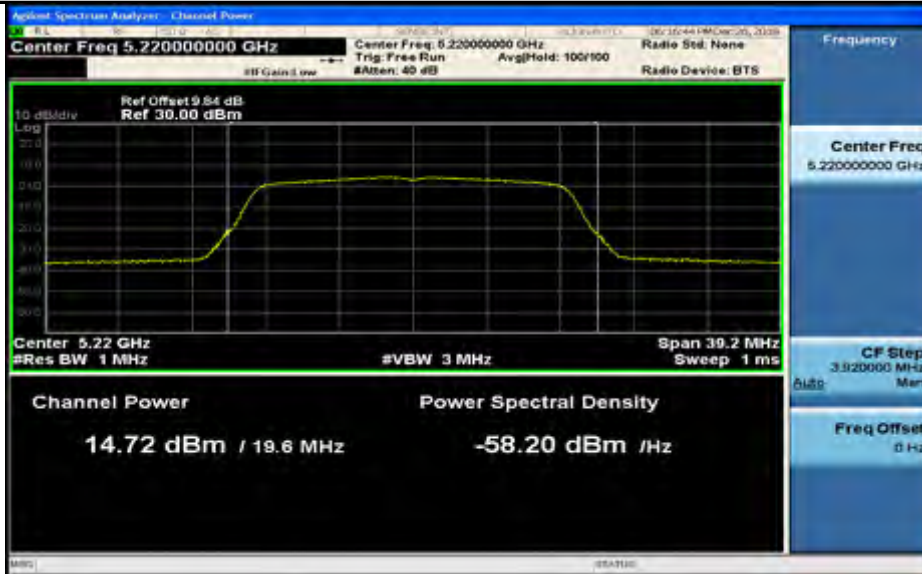
Remark:

- 1) Output Average Power = Reading Power + Duty Cycle Correction Factor
- 2) Per KDB 662911, the conducted powers at Antenna A and Antenna B were first measured separately during MIMO transmission as shown in section above. The measured values were then summed in linear power units then converted back to dBm.

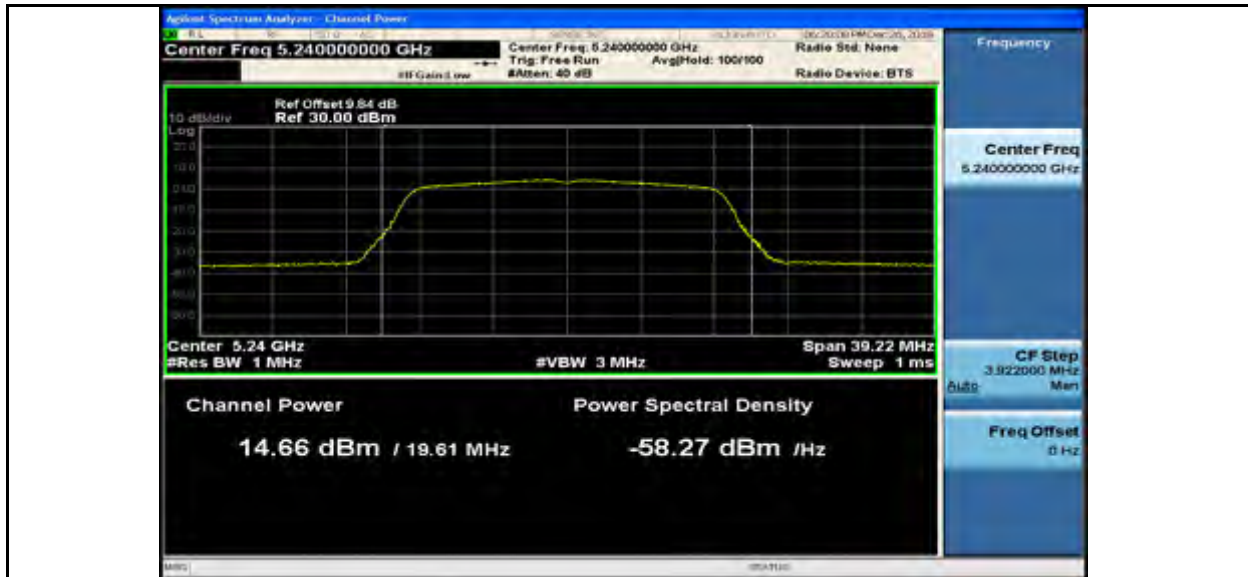
Maximum Conduct Output Power_11A_5180_Ant1



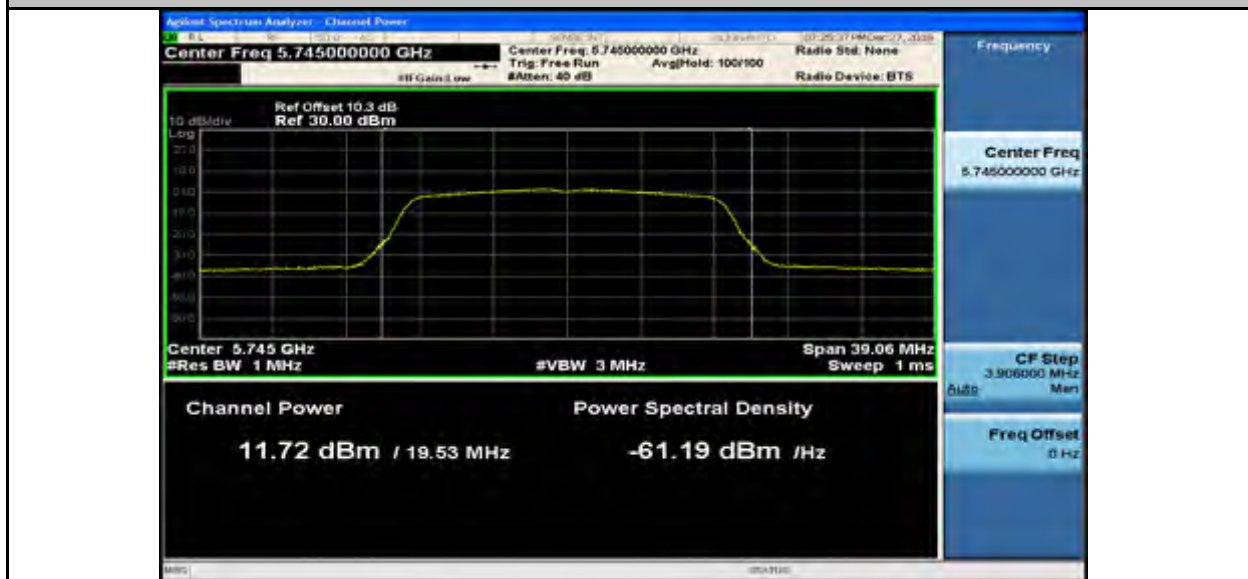
Maximum Conduct Output Power_11A_5220_Ant1



Maximum Conduct Output Power_11A_5240_Ant1



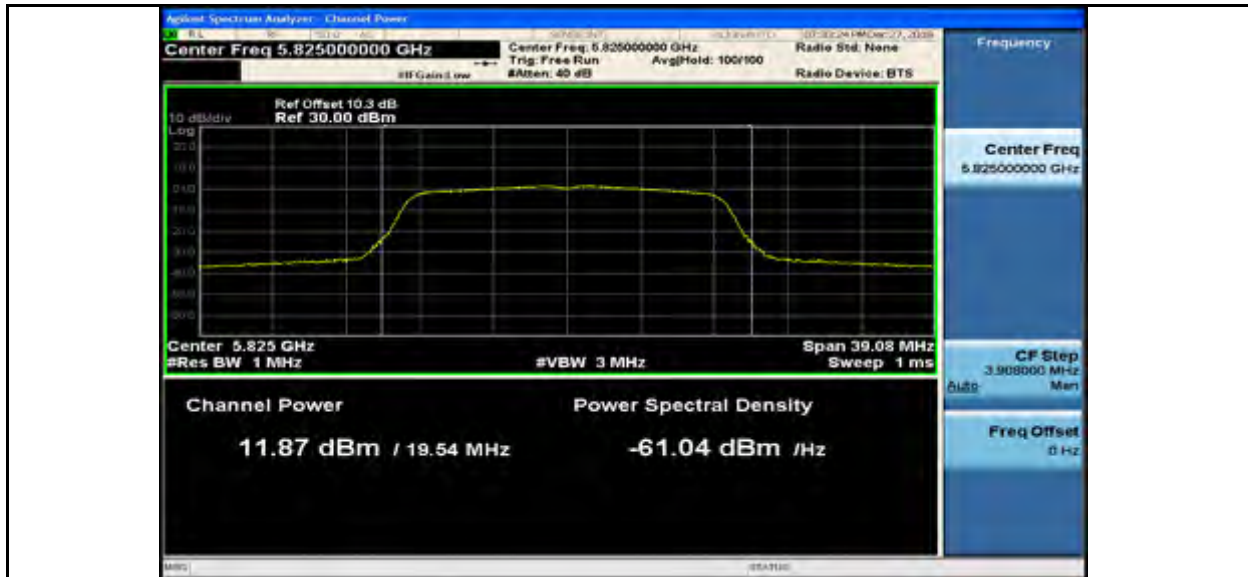
Maximum Conduct Output Power_11A_5745_Ant1



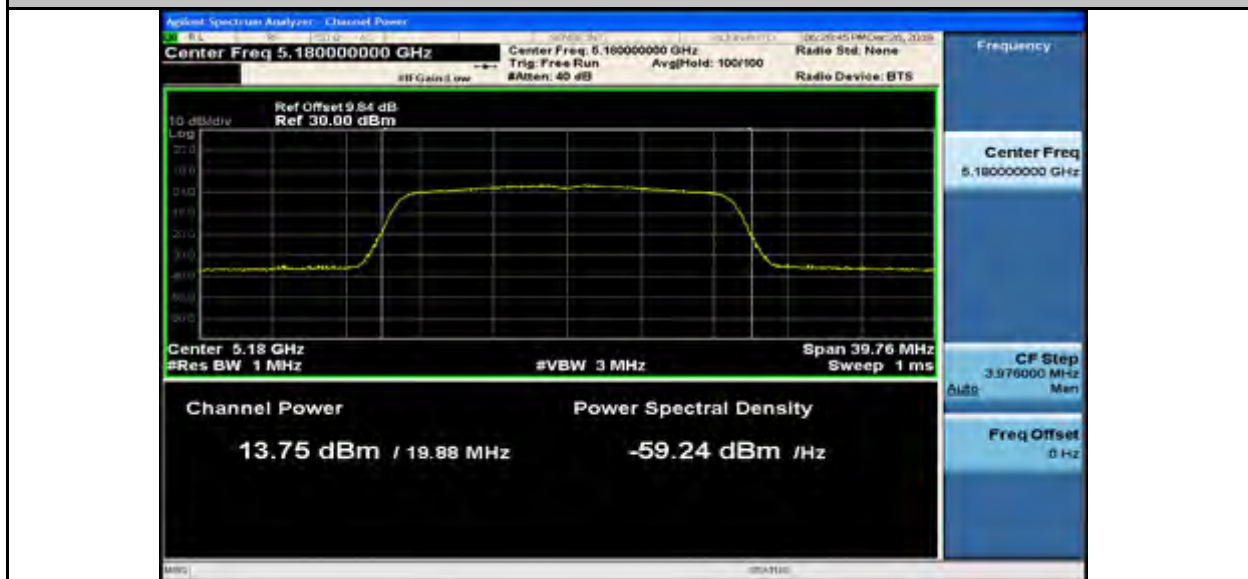
Maximum Conduct Output Power_11A_5785_Ant1



Maximum Conduct Output Power_11A_5825_Ant1



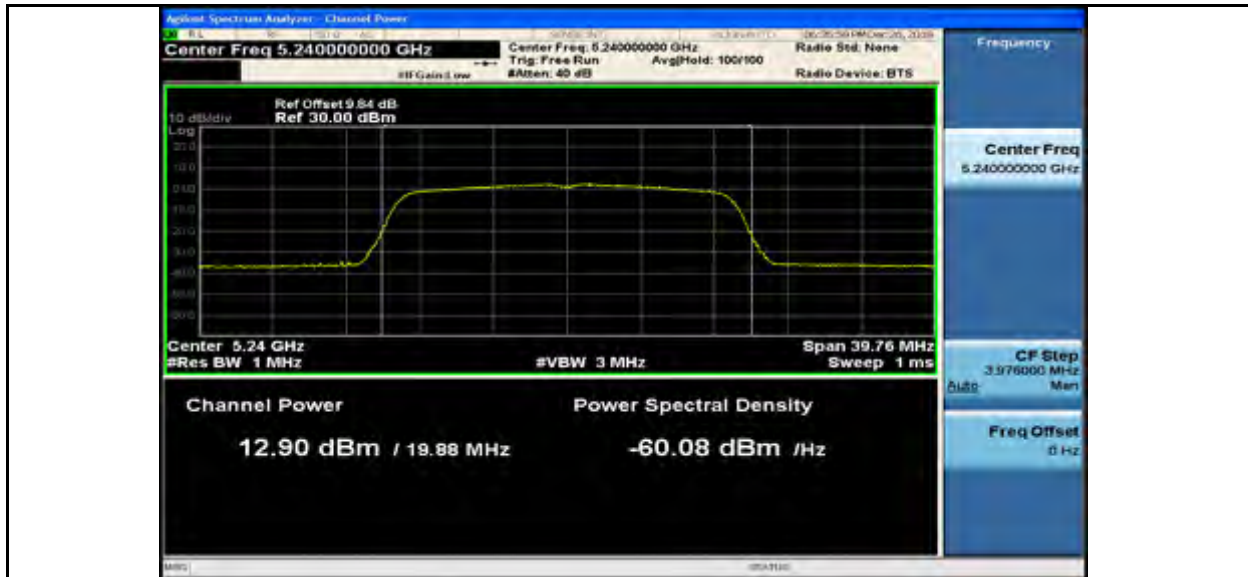
Maximum Conduct Output Power_11N20_5180_Ant1



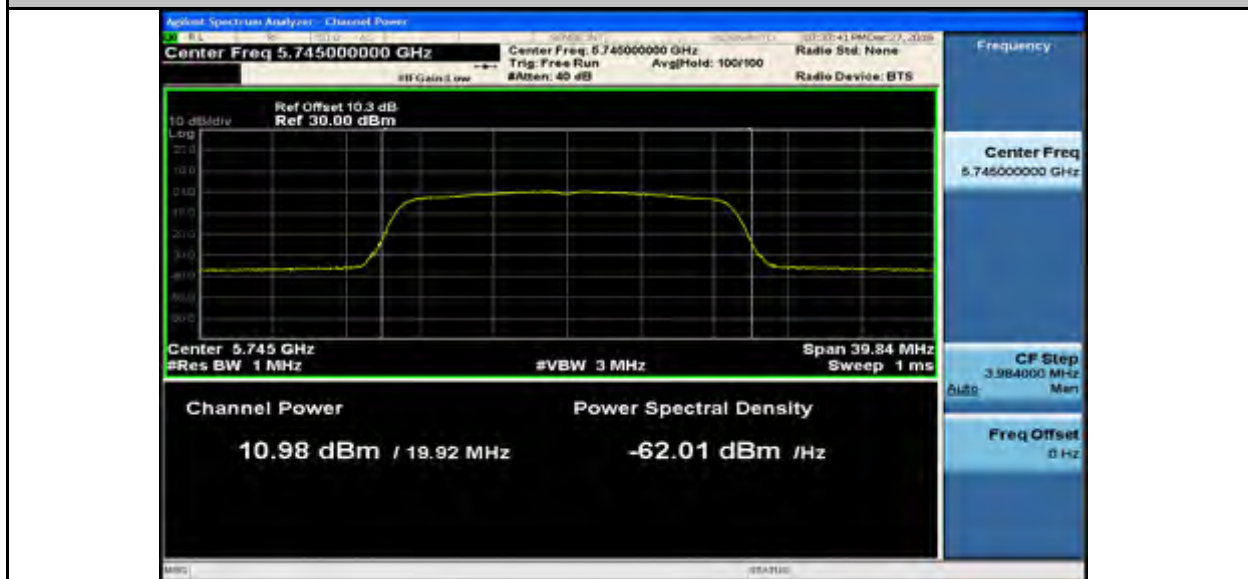
Maximum Conduct Output Power_11N20_5220_Ant1



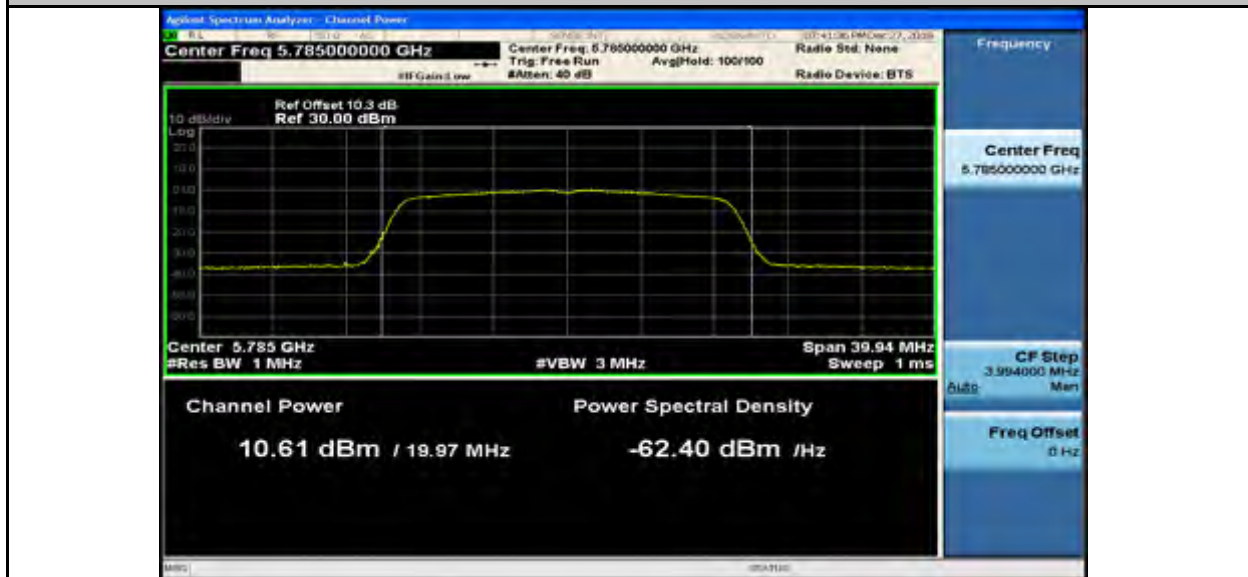
Maximum Conduct Output Power_11N20_5240_Ant1



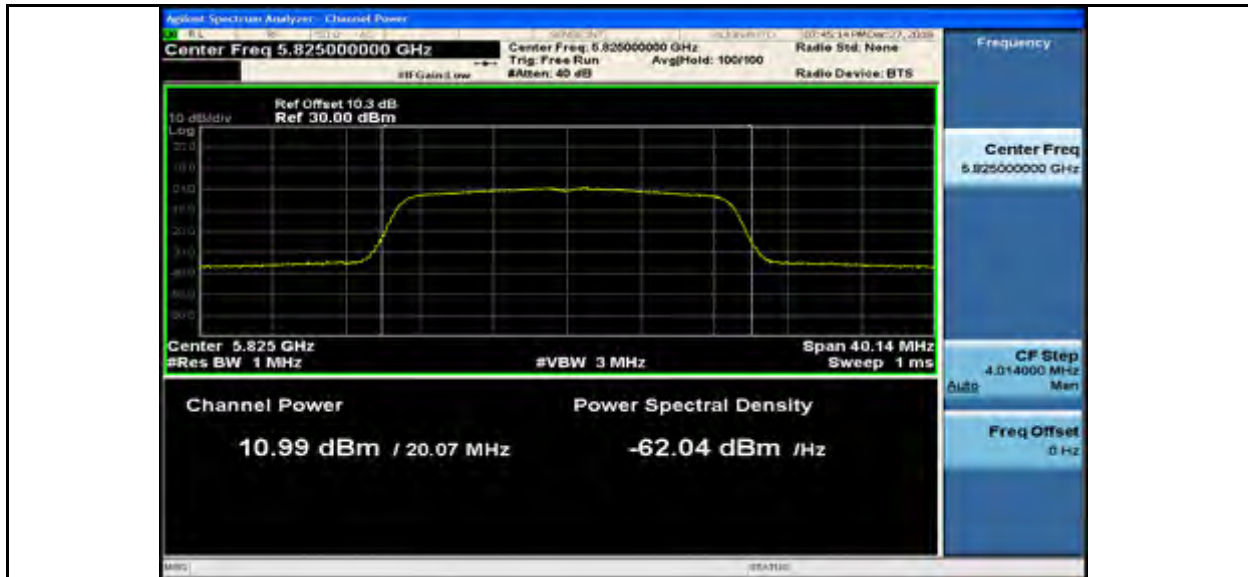
Maximum Conduct Output Power_11N20_5745_Ant1



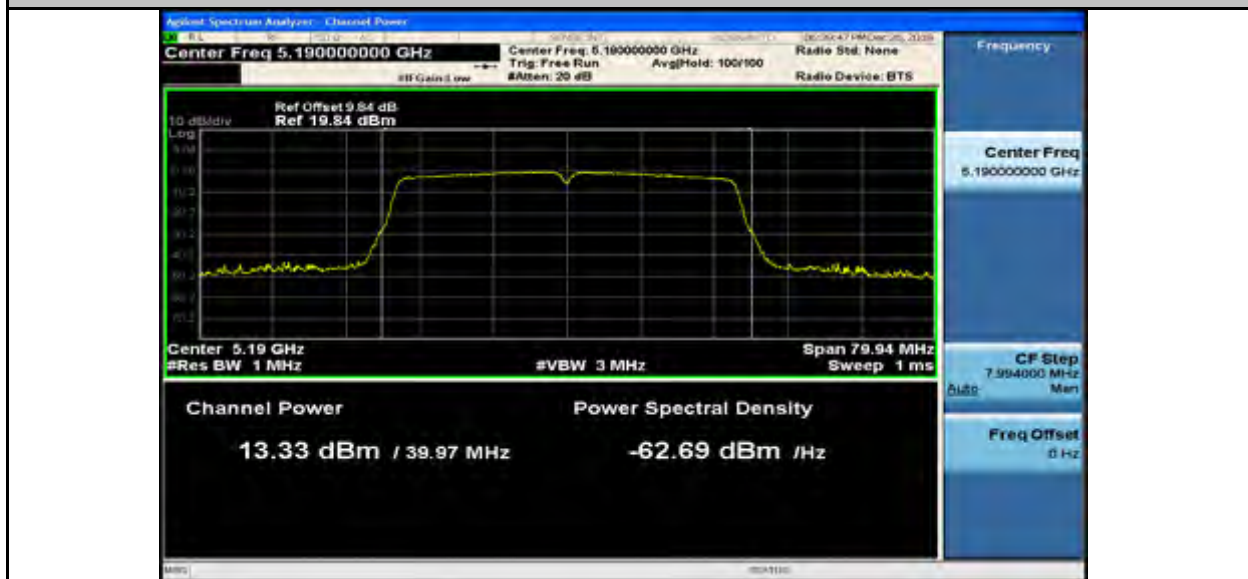
Maximum Conduct Output Power_11N20_5785_Ant1



Maximum Conduct Output Power_11N20_5825_Ant1



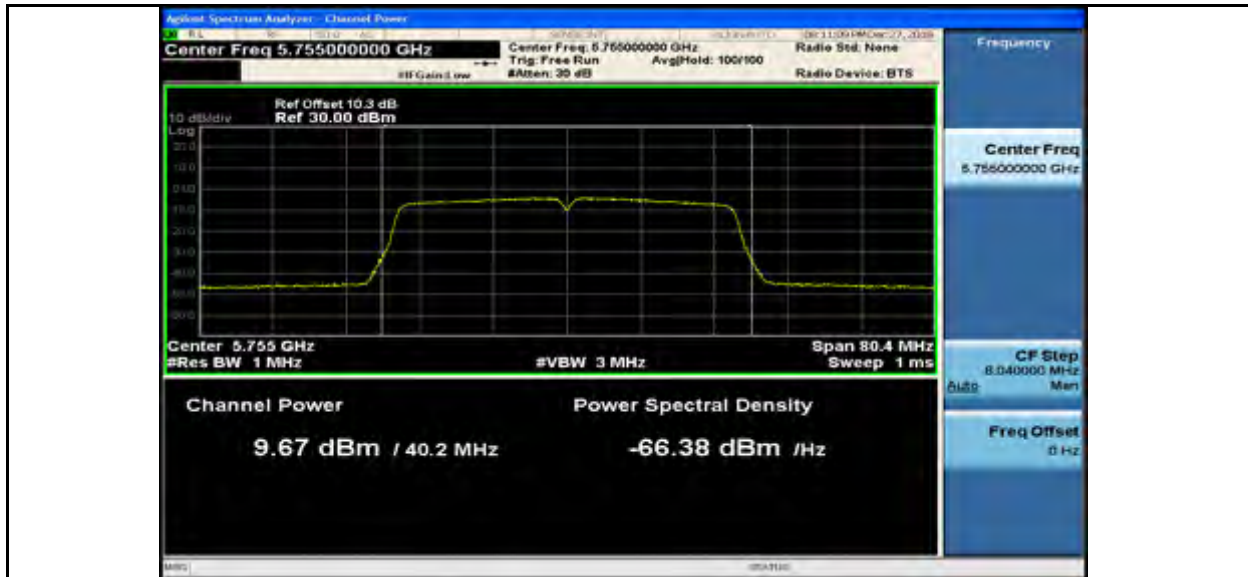
Maximum Conduct Output Power_11N40_5190_Ant1



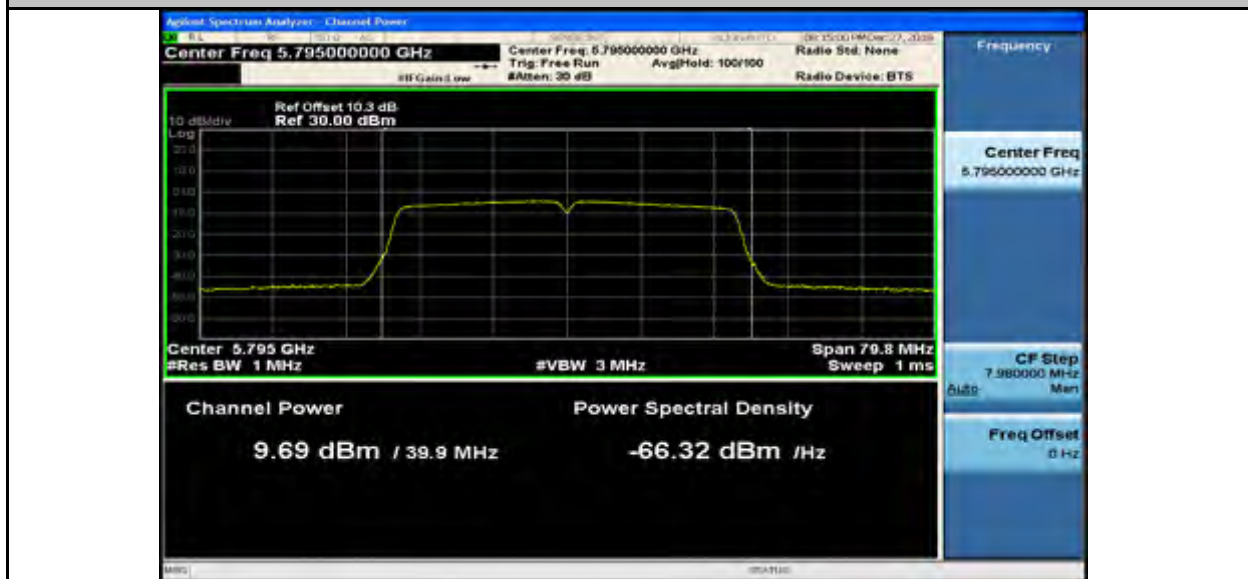
Maximum Conduct Output Power_11N40_5230_Ant1



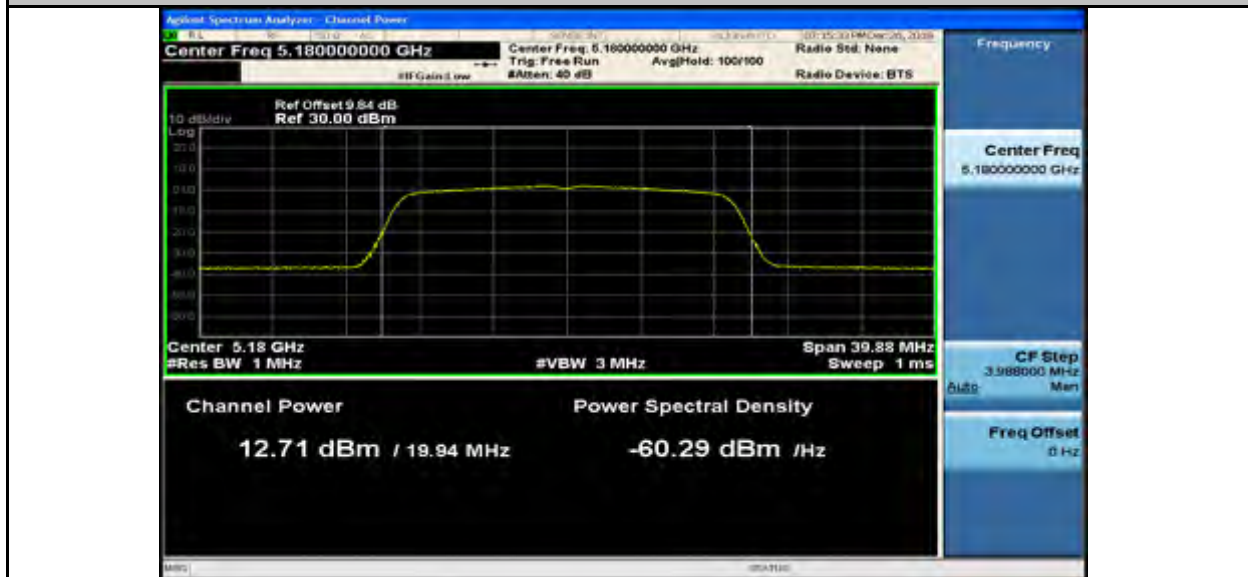
Maximum Conduct Output Power_11N40_5755_Ant1



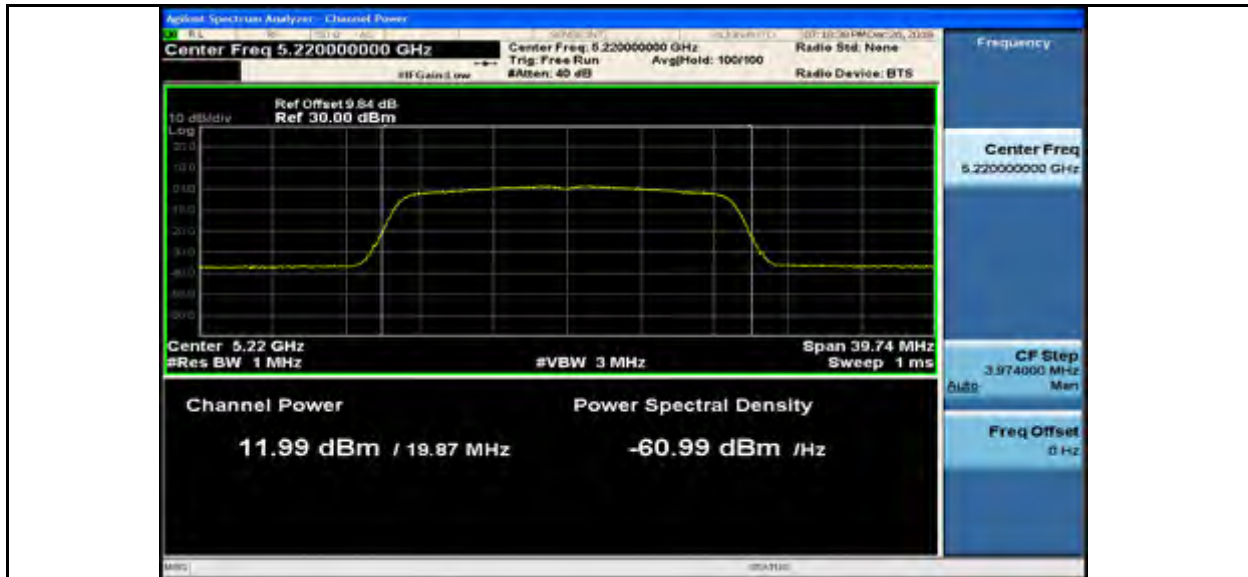
Maximum Conduct Output Power_11N40_5795_Ant1



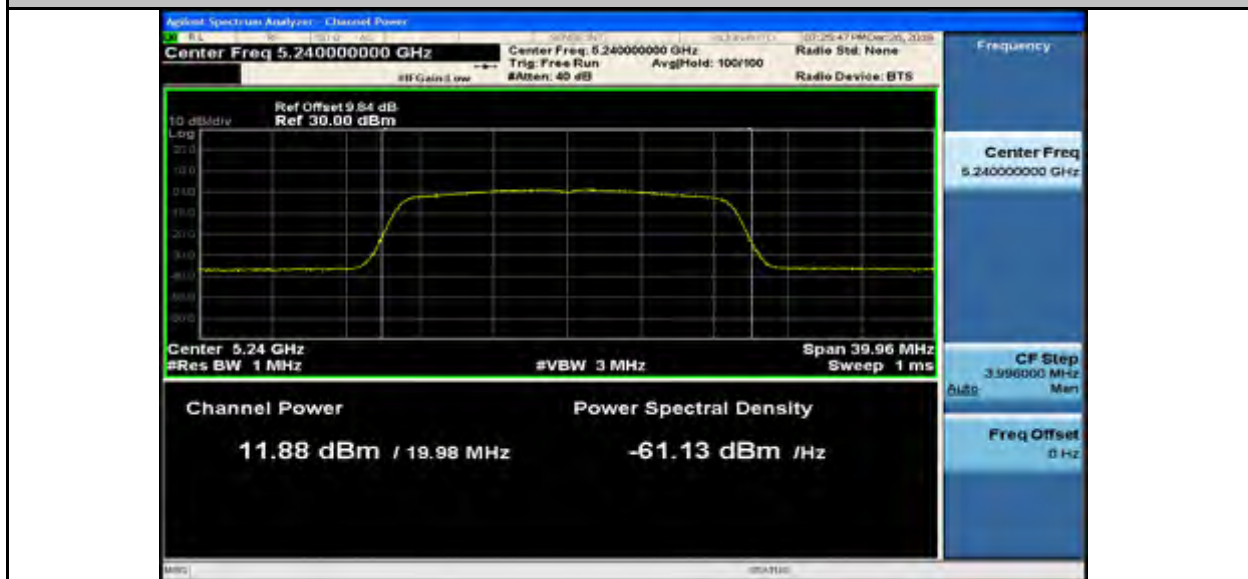
Maximum Conduct Output Power_11AC20_5180_Ant1



Maximum Conduct Output Power_11AC20_5220_Ant1



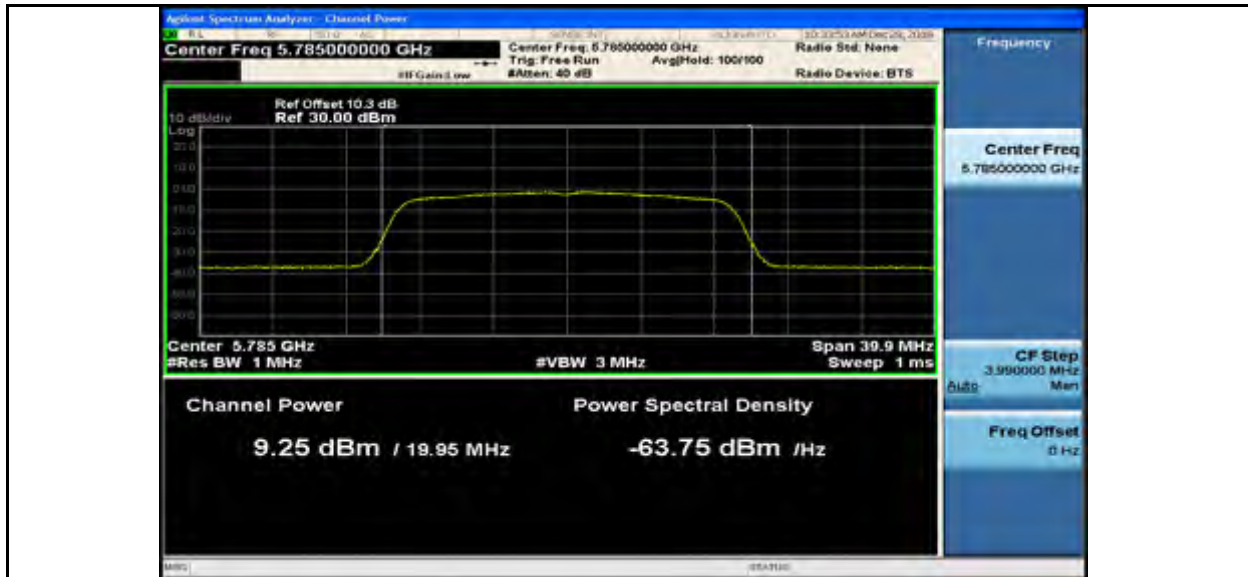
Maximum Conduct Output Power_11AC20_5240_Ant1



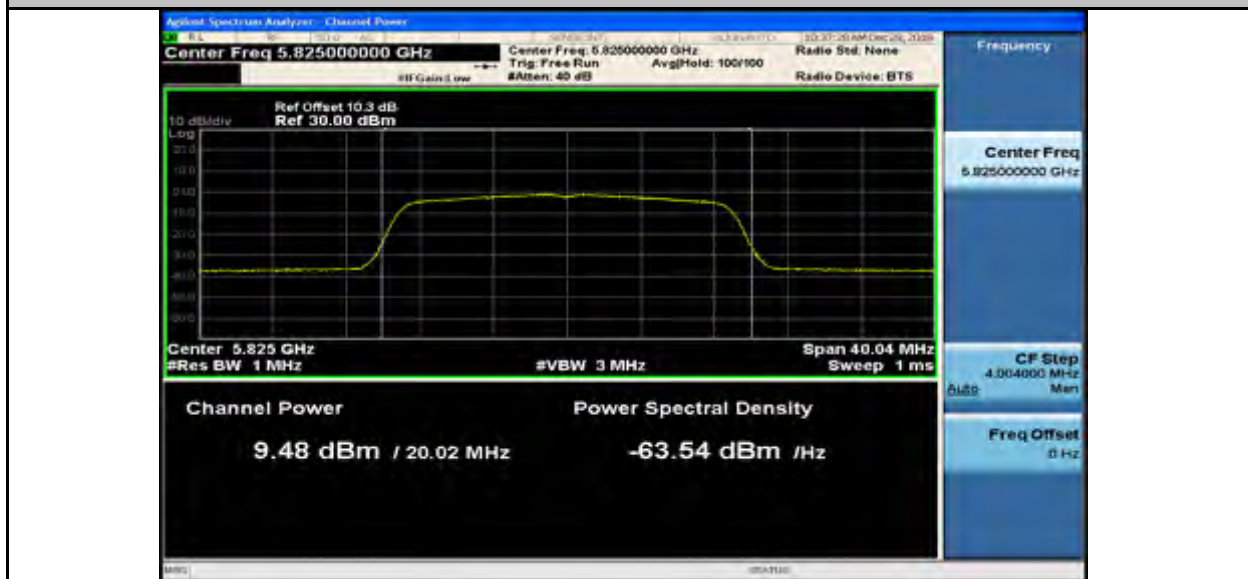
Maximum Conduct Output Power_11AC20_5745_Ant1



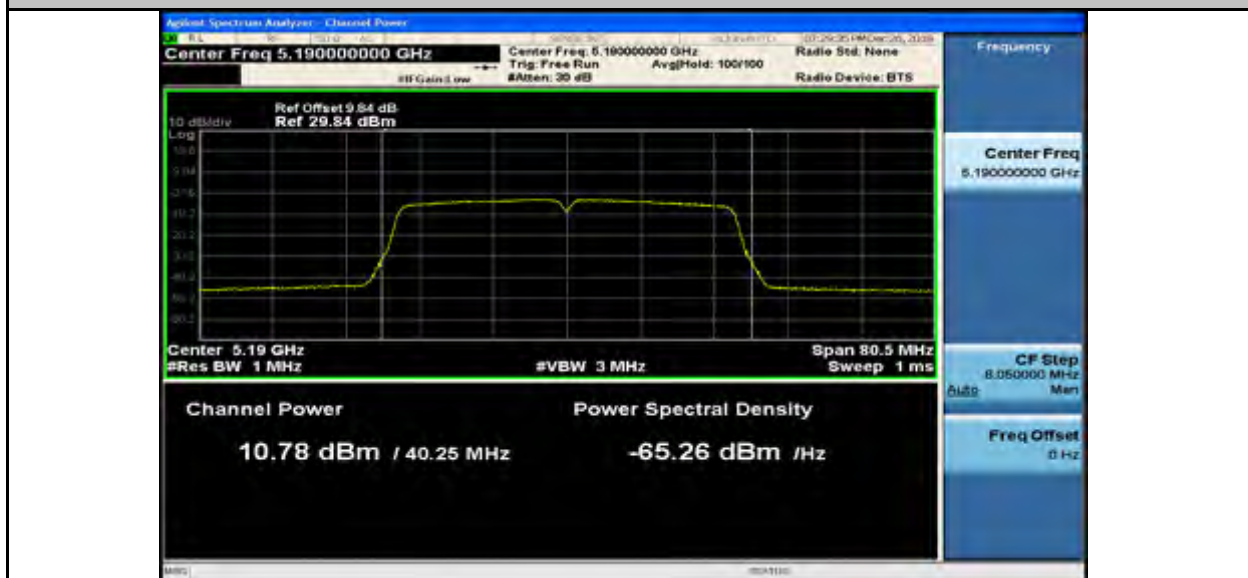
Maximum Conduct Output Power_11AC20_5785_Ant1



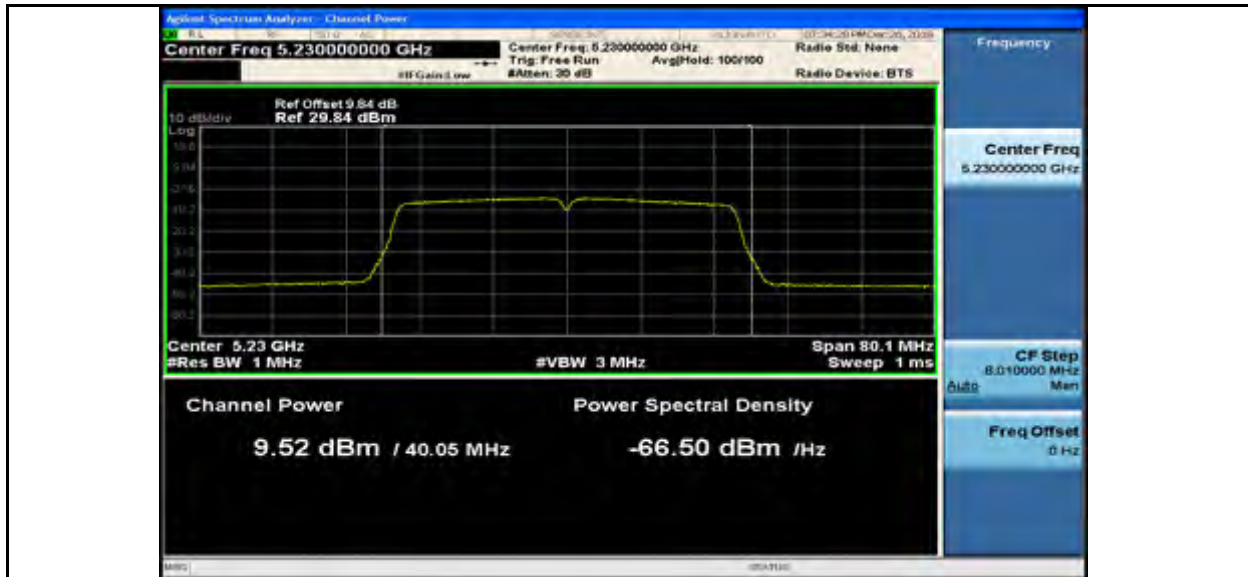
Maximum Conduct Output Power_11AC20_5825_Ant1



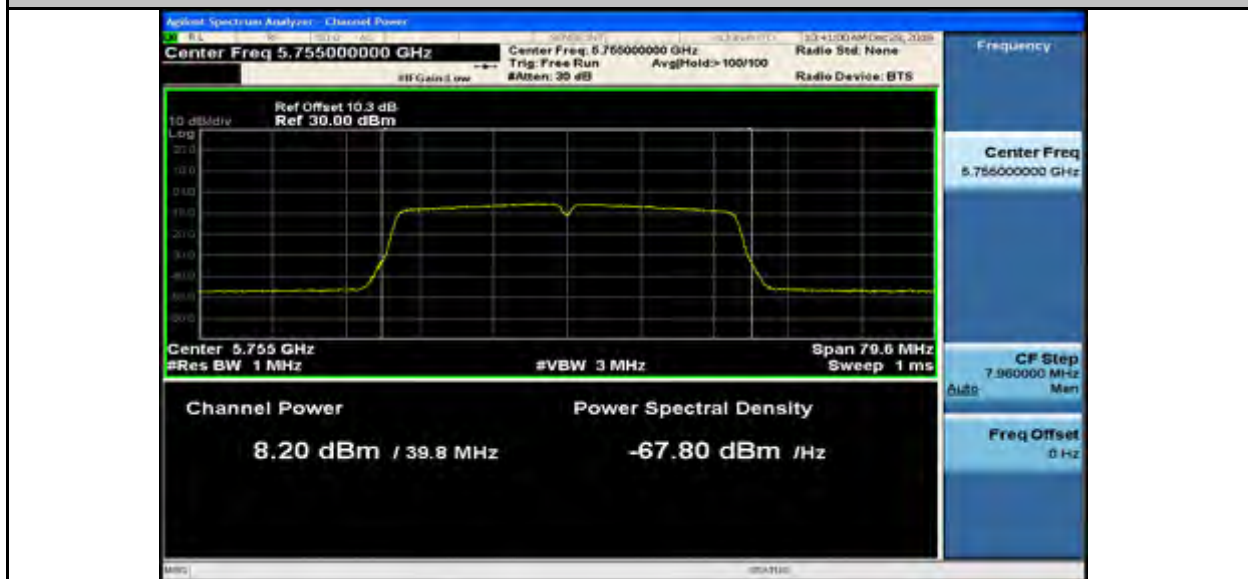
Maximum Conduct Output Power_11AC40_5190_Ant1



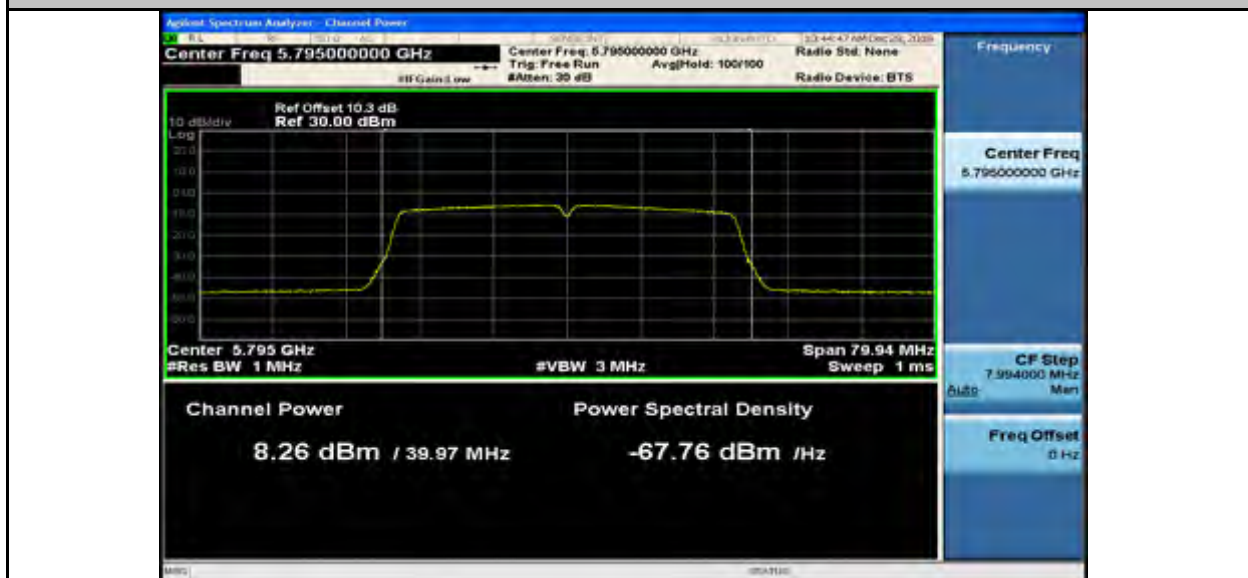
Maximum Conduct Output Power_11AC40_5230_Ant1



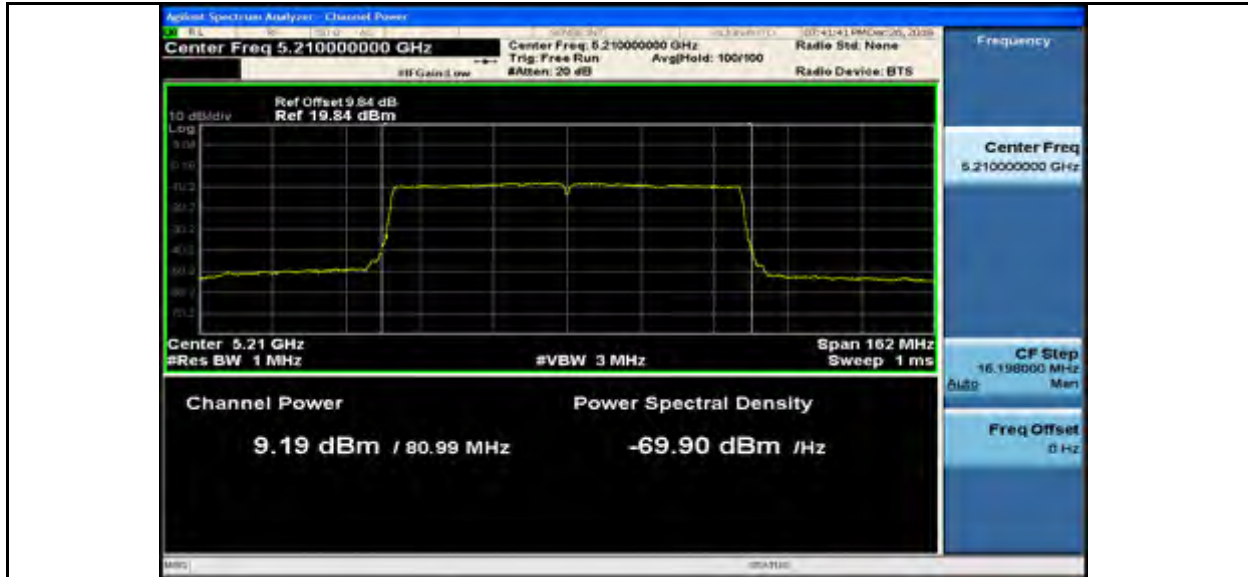
Maximum Conduct Output Power_11AC40_5755_Ant1



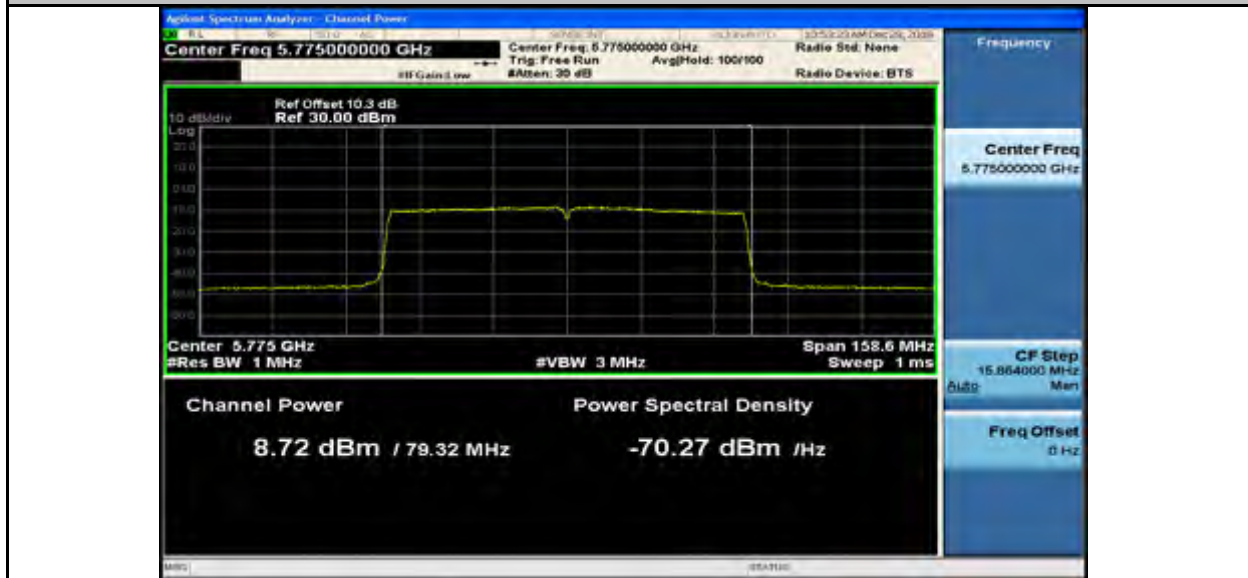
Maximum Conduct Output Power_11AC40_5795_Ant1



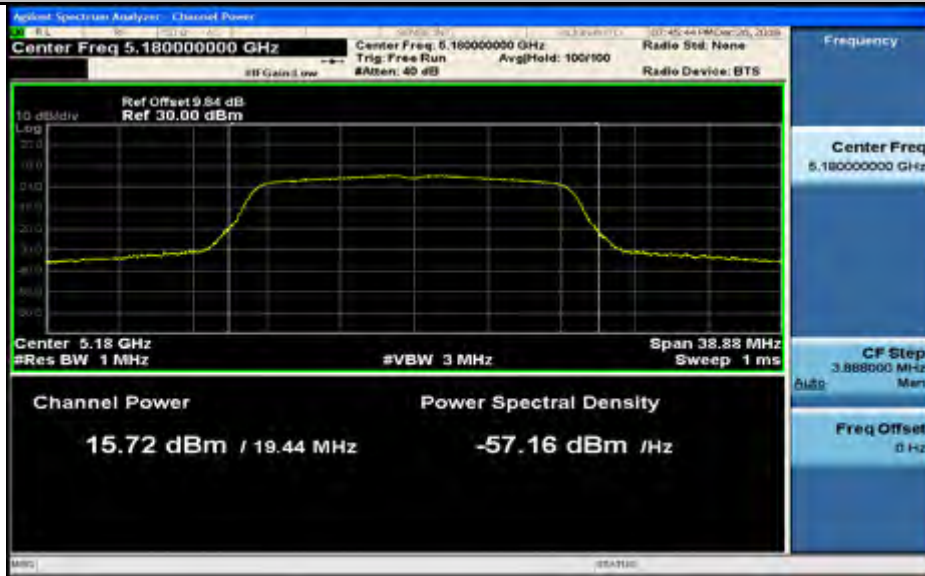
Maximum Conduct Output Power_11AC80_5210_Ant1



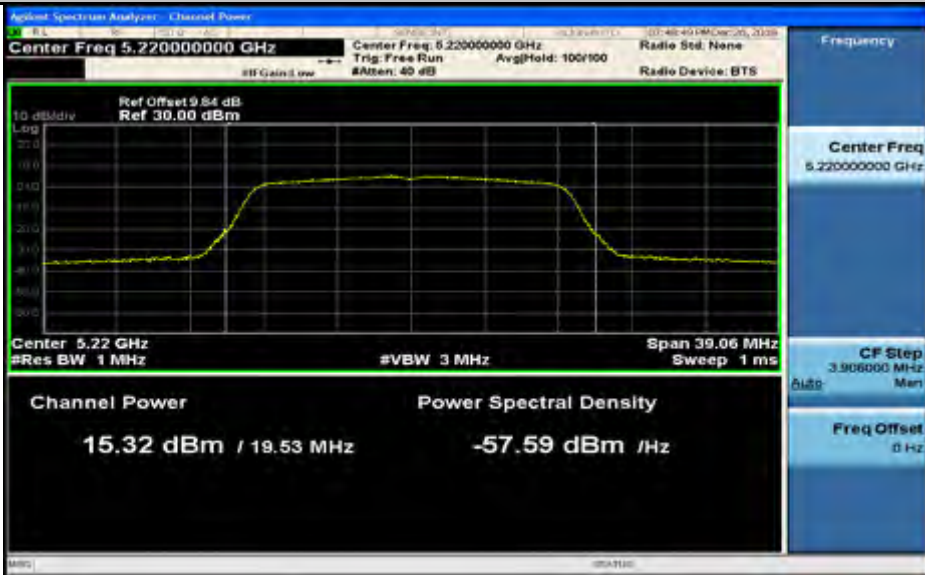
Maximum Conduct Output Power_11AC80_5775_Ant1



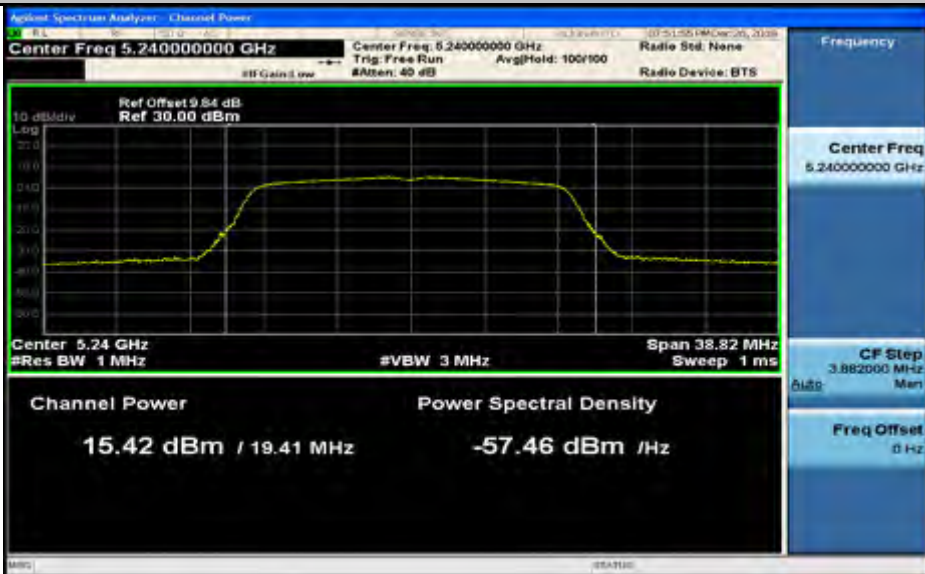
Maximum Conduct Output Power_11A_5180_Ant2



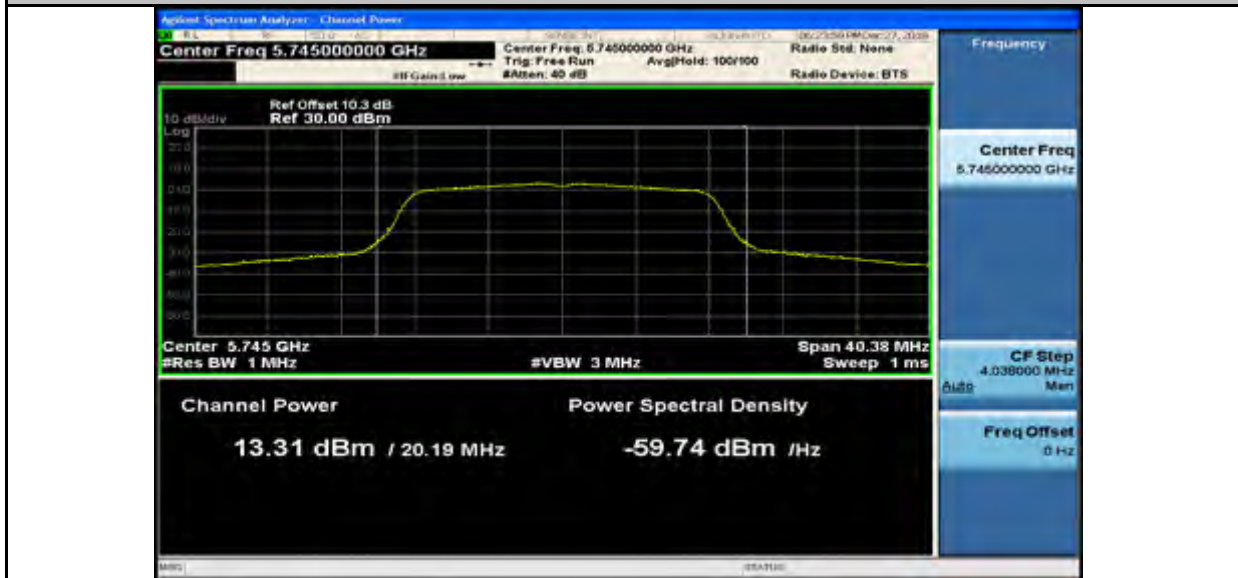
Maximum Conduct Output Power_11A_5220_Ant2



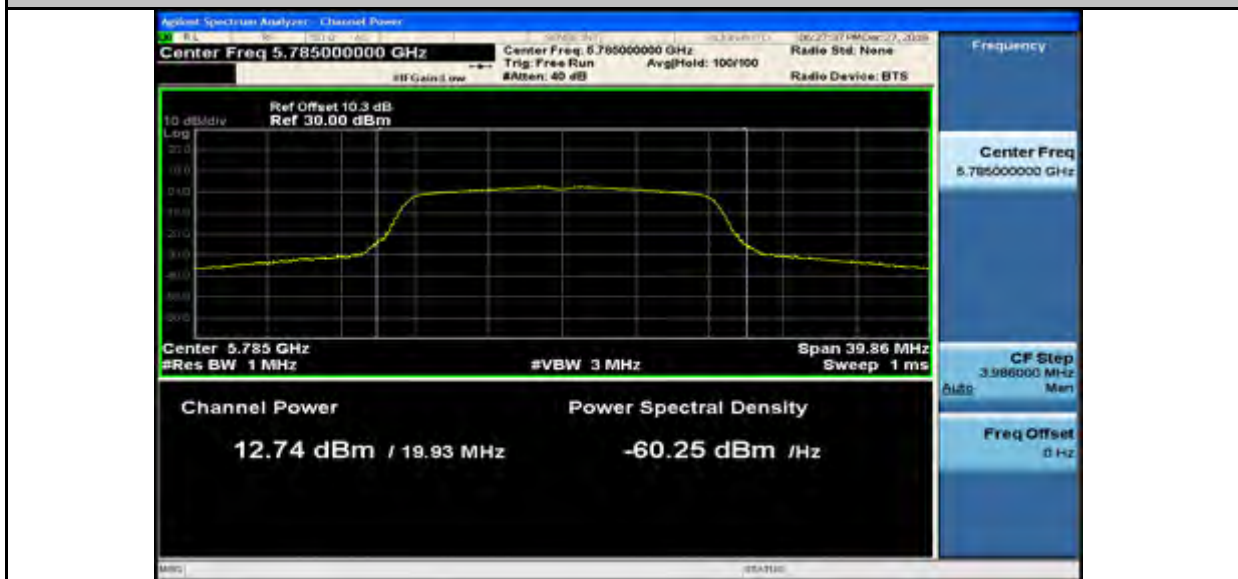
Maximum Conduct Output Power_11A_5240_Ant2



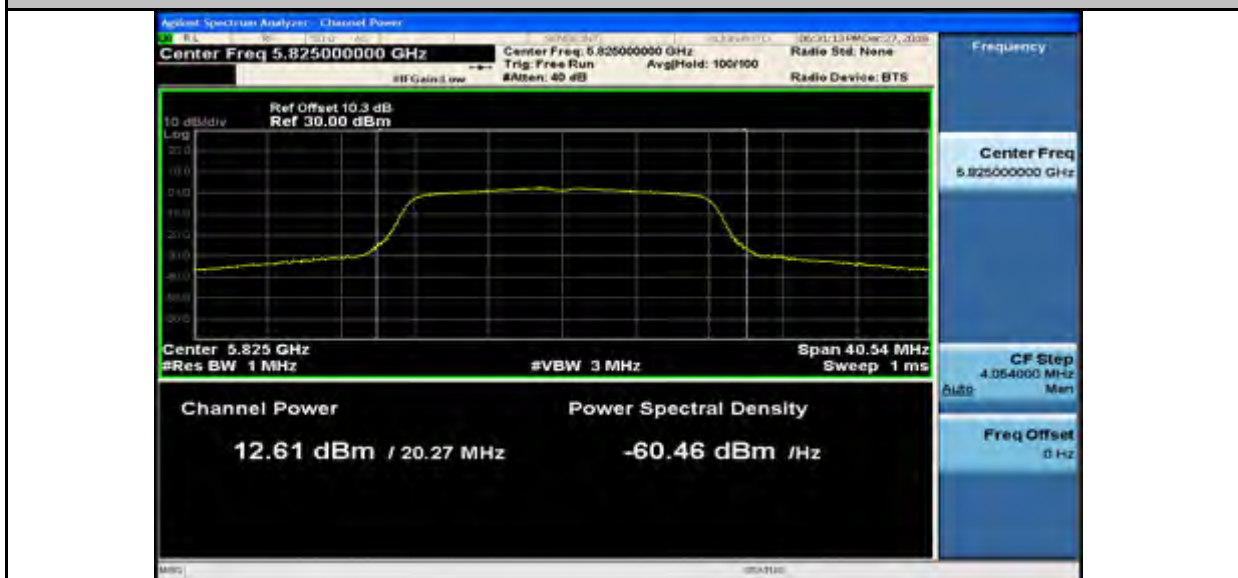
Maximum Conduct Output Power_11A_5745_Ant2



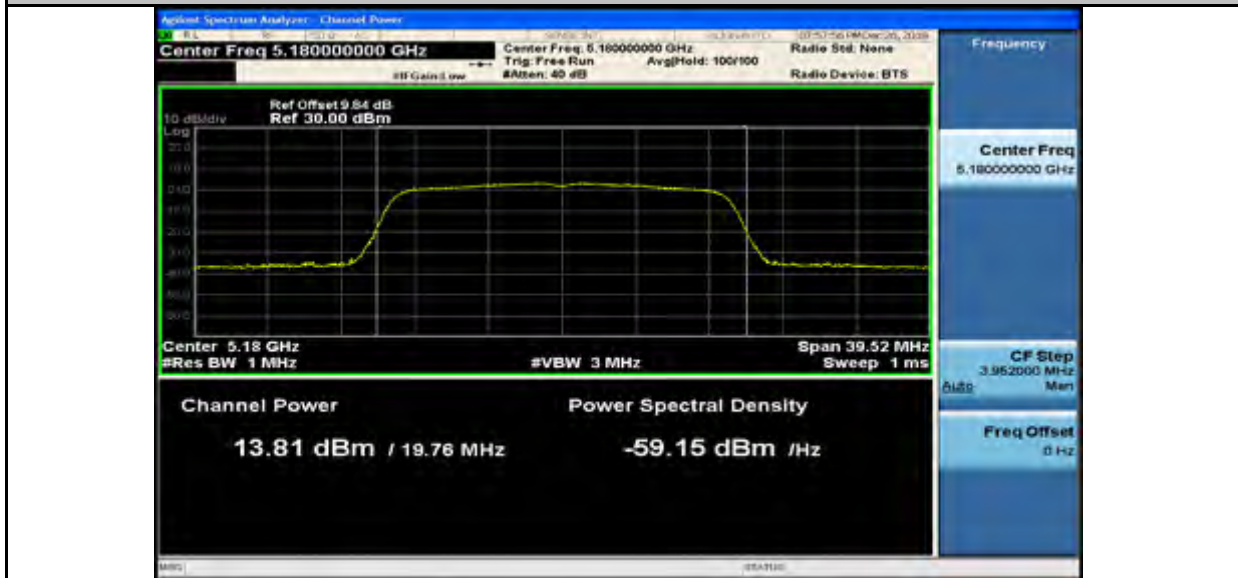
Maximum Conduct Output Power_11A_5785_Ant2



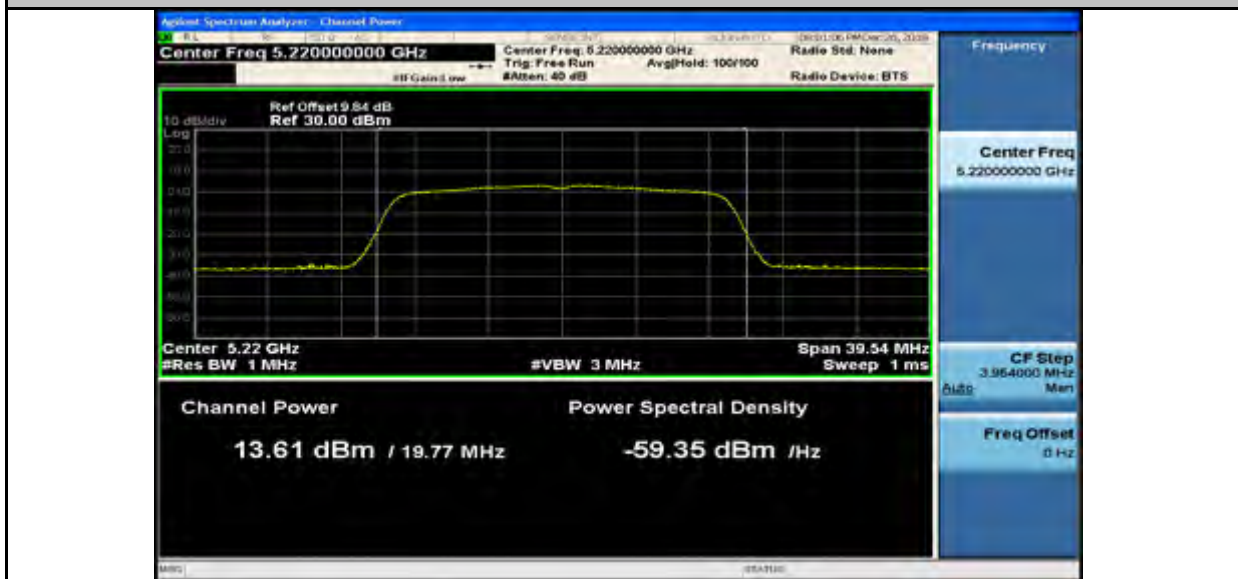
Maximum Conduct Output Power_11A_5825_Ant2



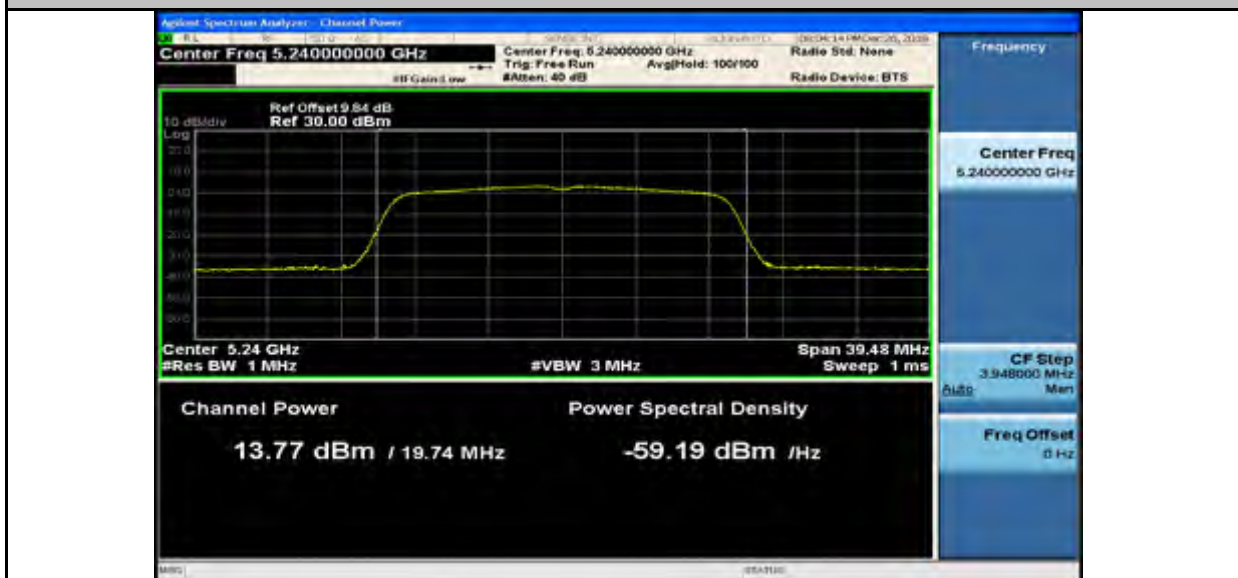
Maximum Conduct Output Power_11N20_5180_Ant2



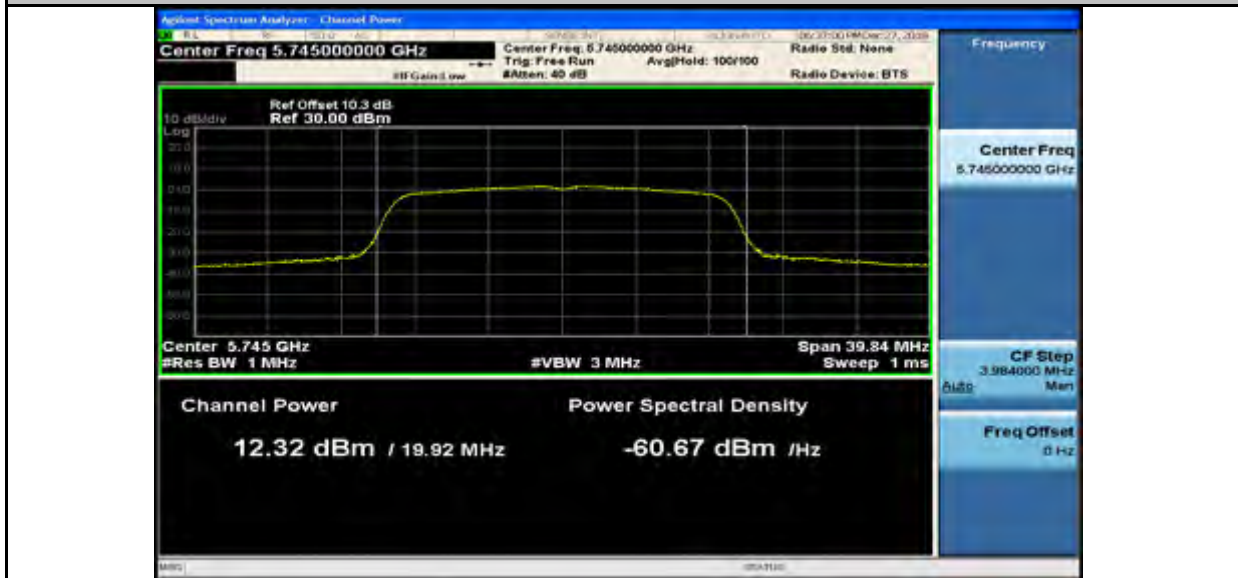
Maximum Conduct Output Power_11N20_5220_Ant2



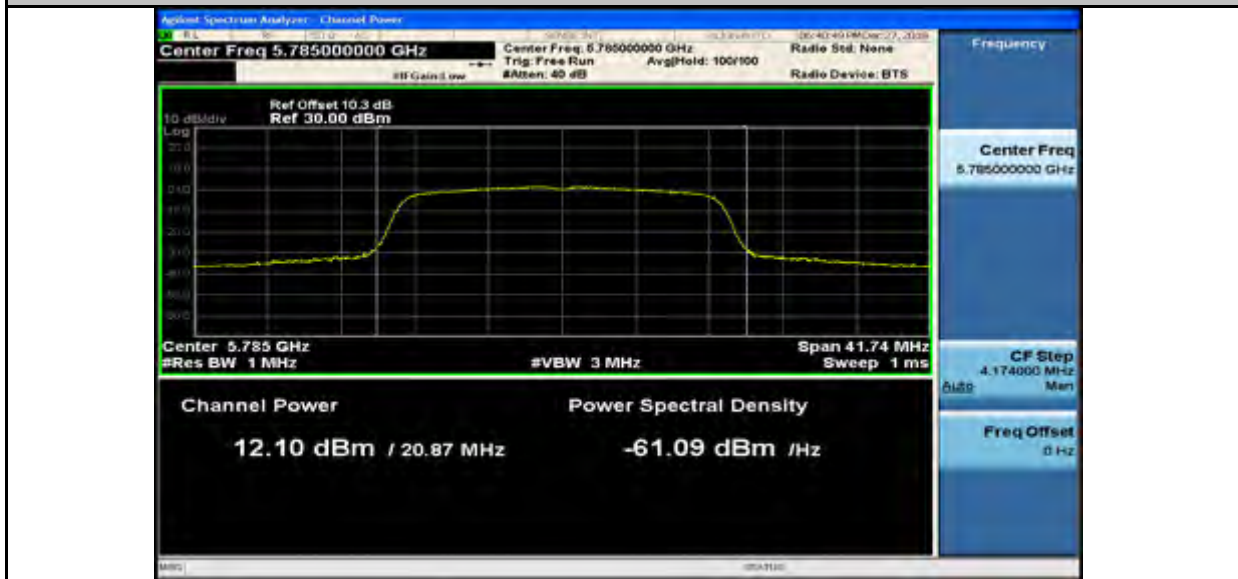
Maximum Conduct Output Power_11N20_5240_Ant2



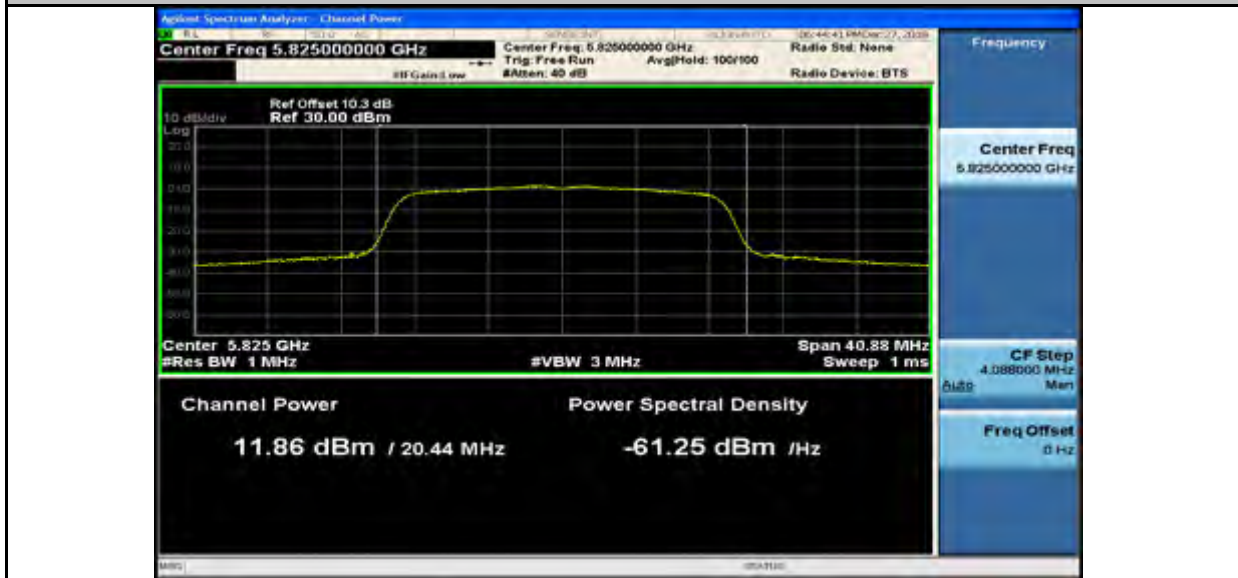
Maximum Conduct Output Power_11N20_5745_Ant2



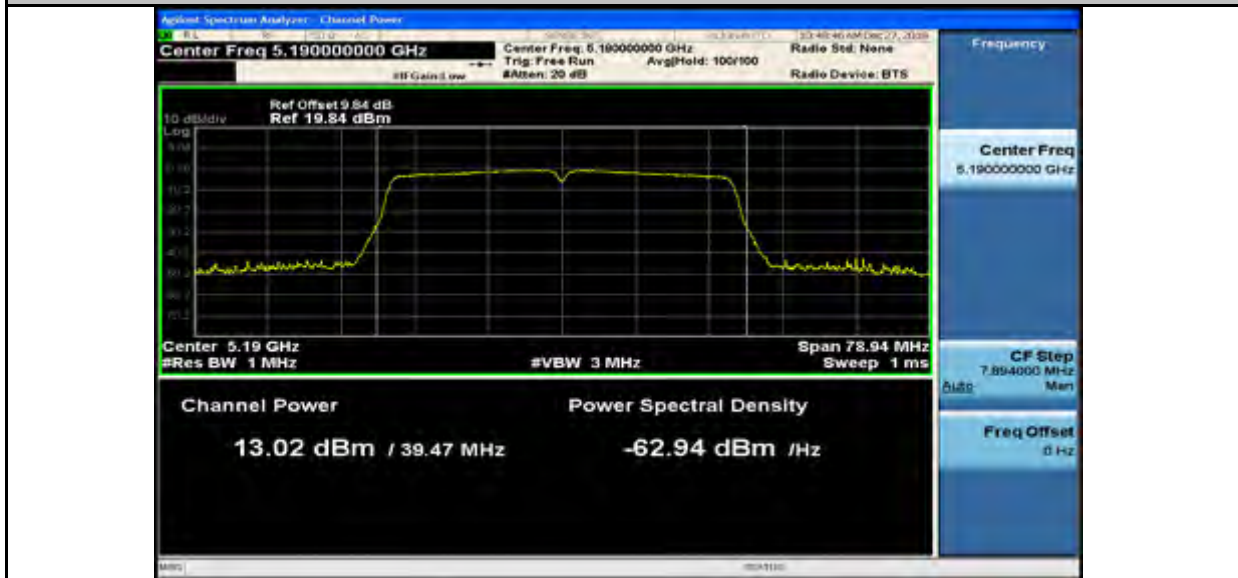
Maximum Conduct Output Power_11N20_5785_Ant2



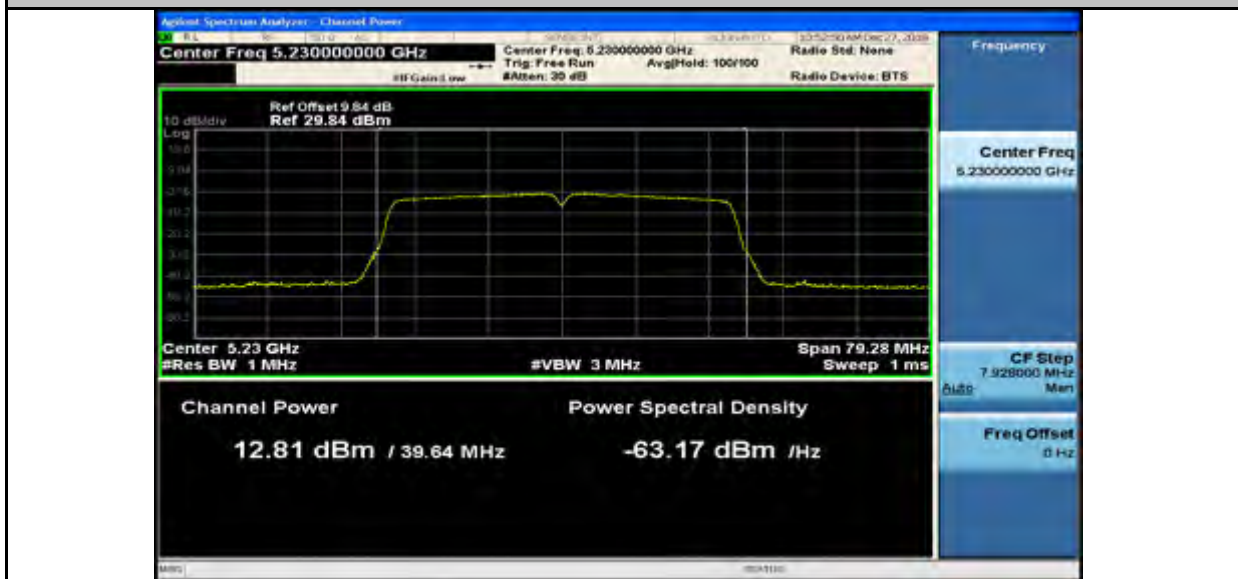
Maximum Conduct Output Power_11N20_5825_Ant2



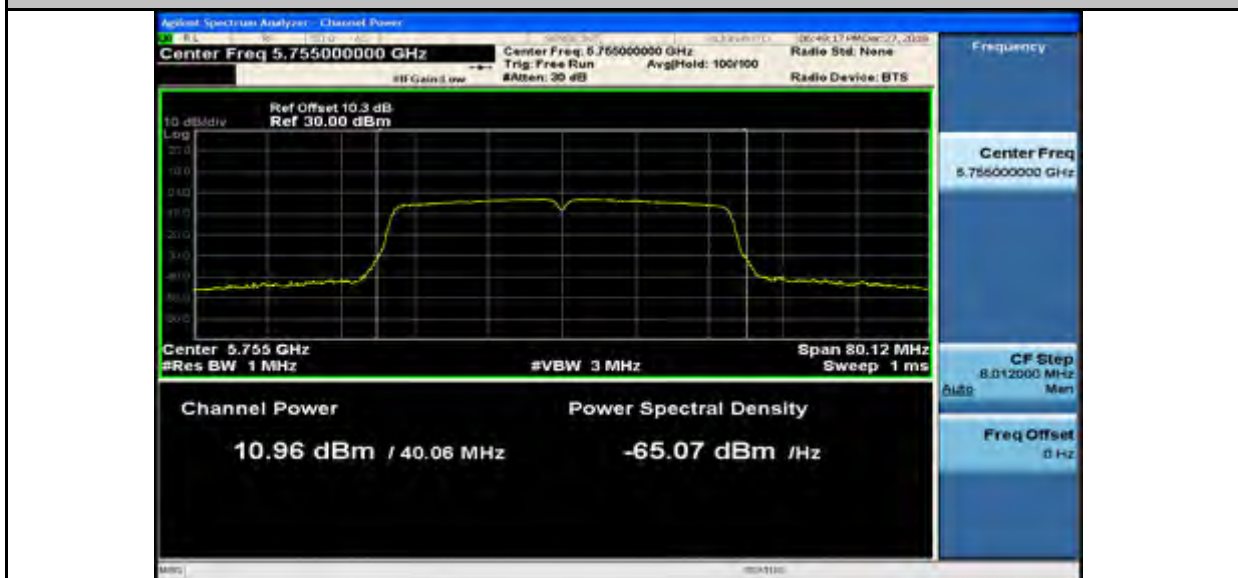
Maximum Conduct Output Power_11N40_5190_Ant2



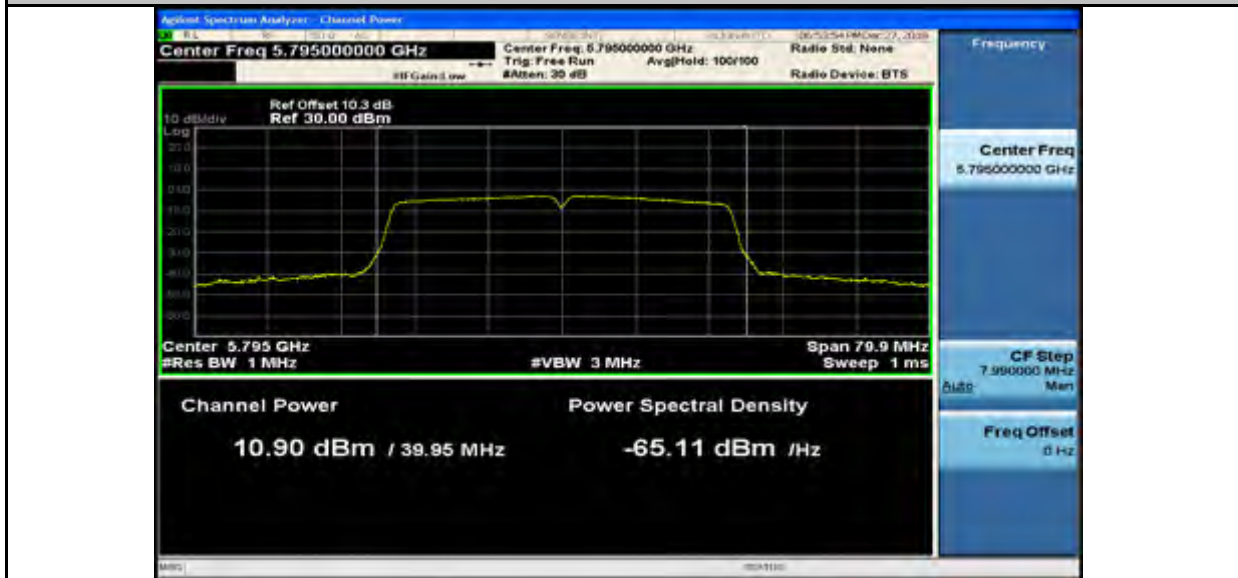
Maximum Conduct Output Power_11N40_5230_Ant2



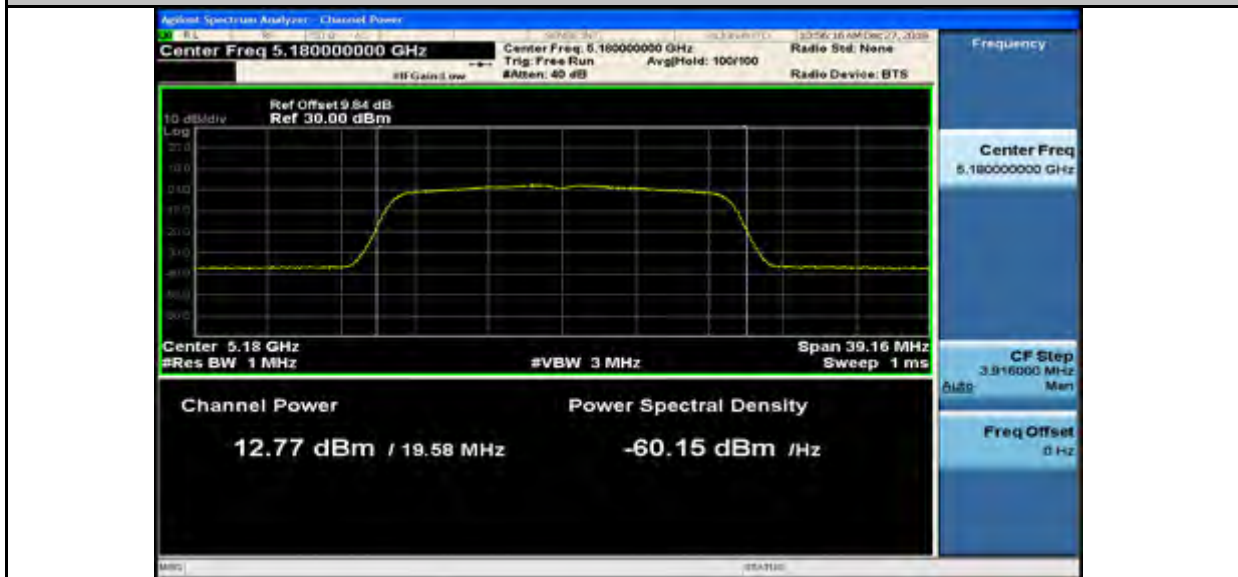
Maximum Conduct Output Power_11N40_5755_Ant2



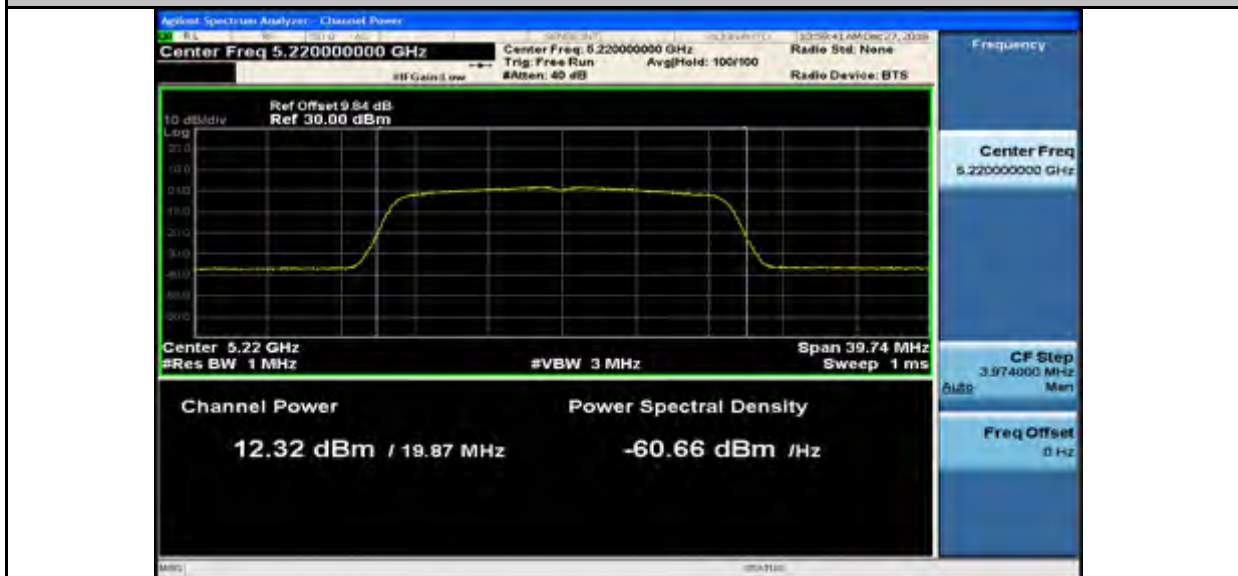
Maximum Conduct Output Power_11N40_5795_Ant2



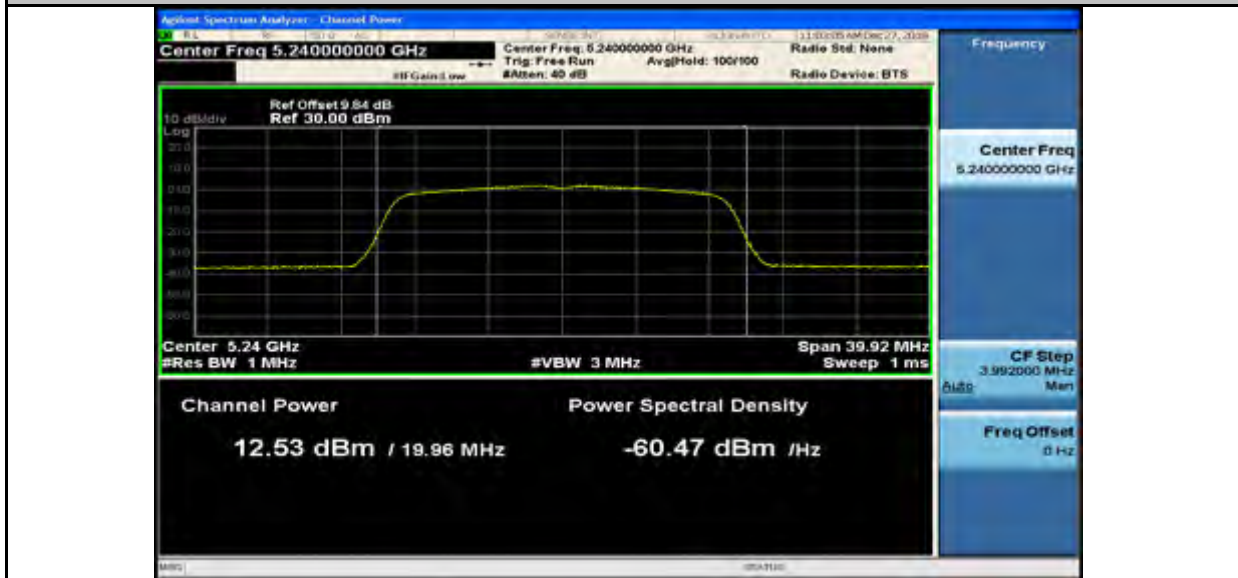
Maximum Conduct Output Power_11AC20_5180_Ant2



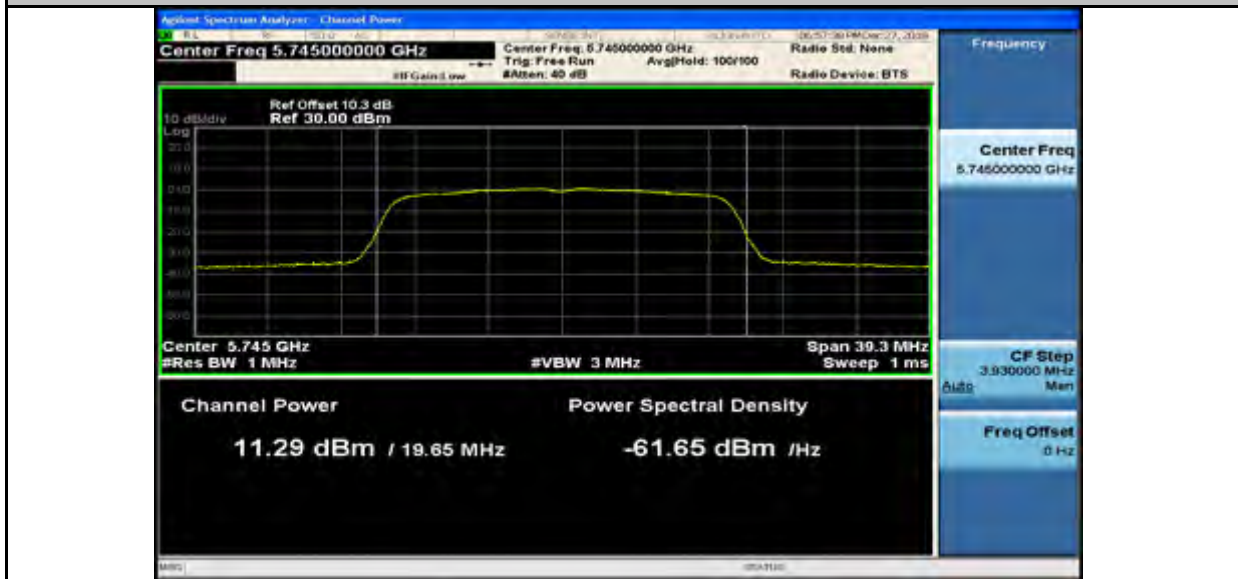
Maximum Conduct Output Power_11AC20_5220_Ant2



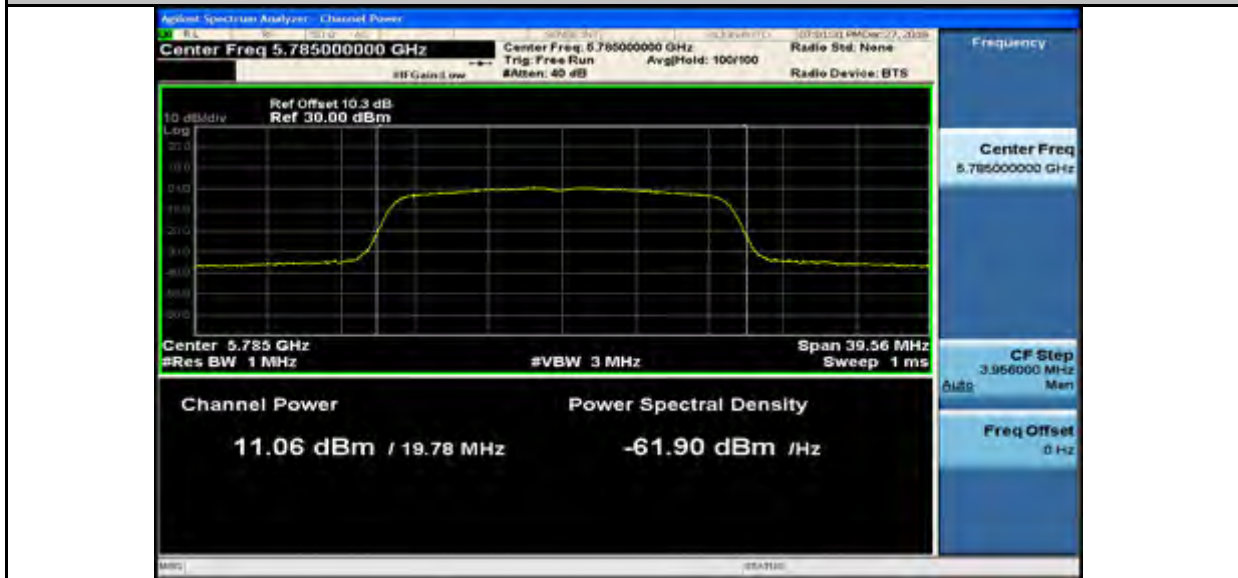
Maximum Conduct Output Power_11AC20_5240_Ant2



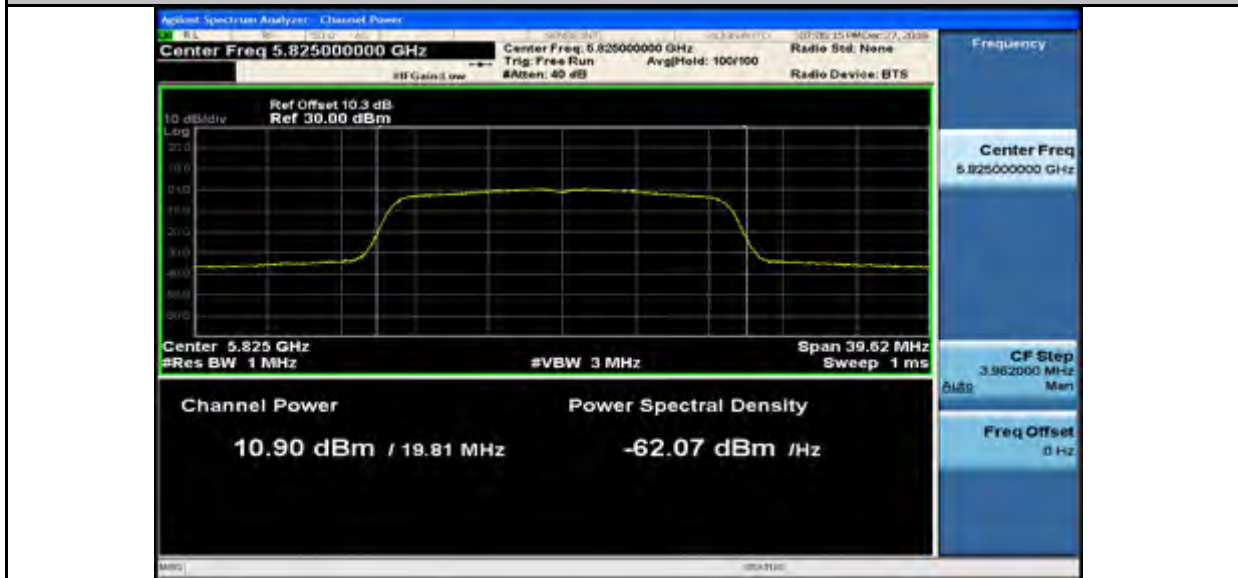
Maximum Conduct Output Power_11AC20_5745_Ant2



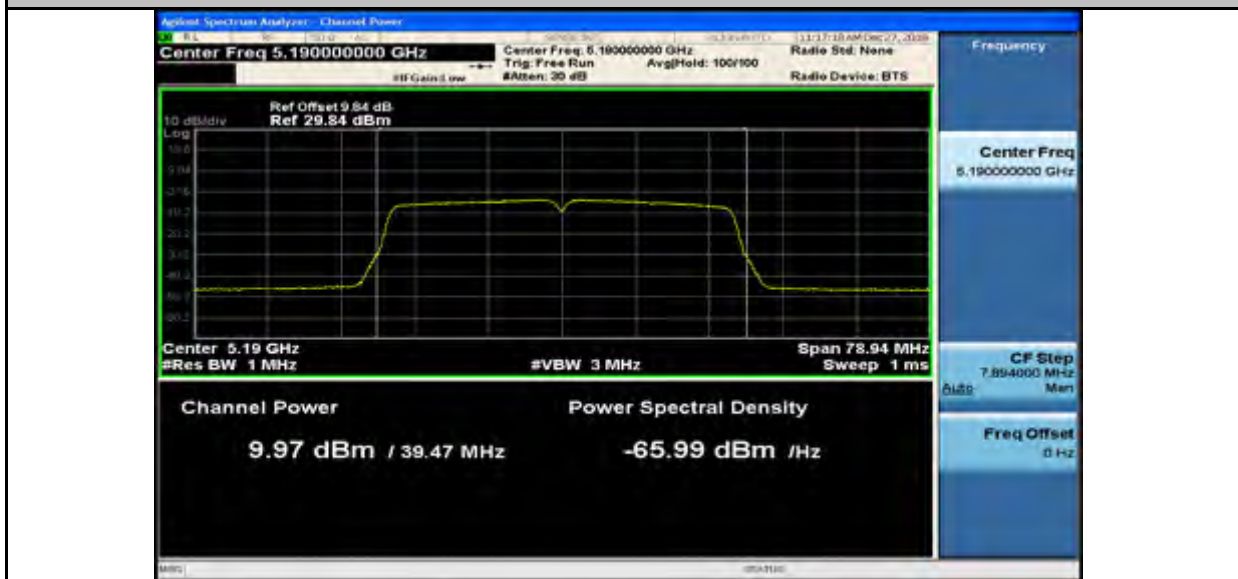
Maximum Conduct Output Power_11AC20_5785_Ant2



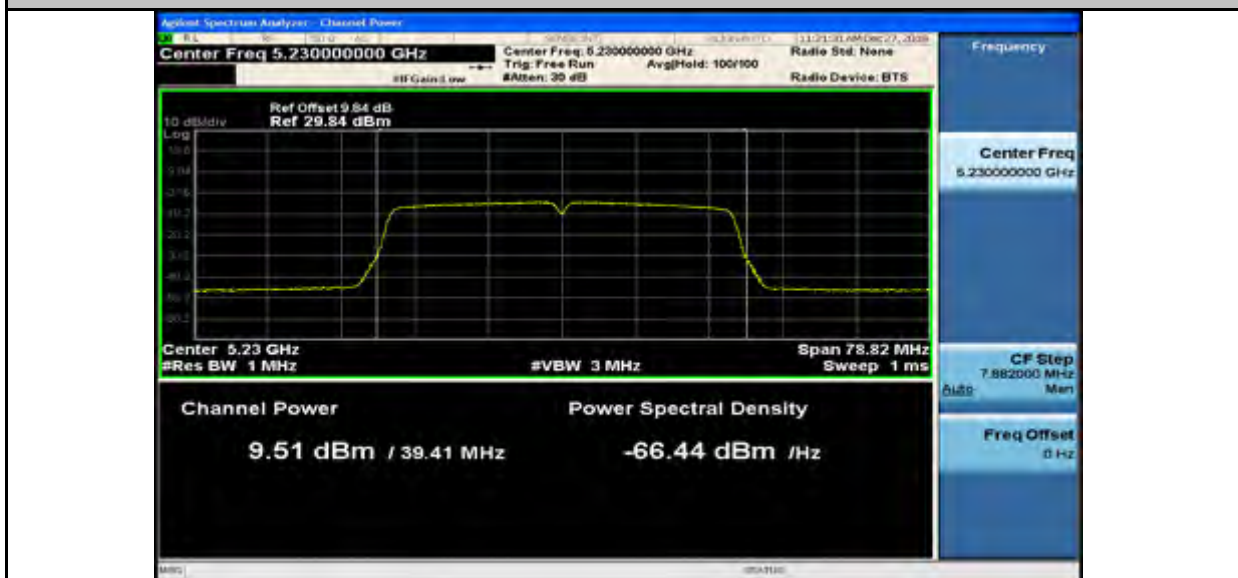
Maximum Conduct Output Power_11AC20_5825_Ant2



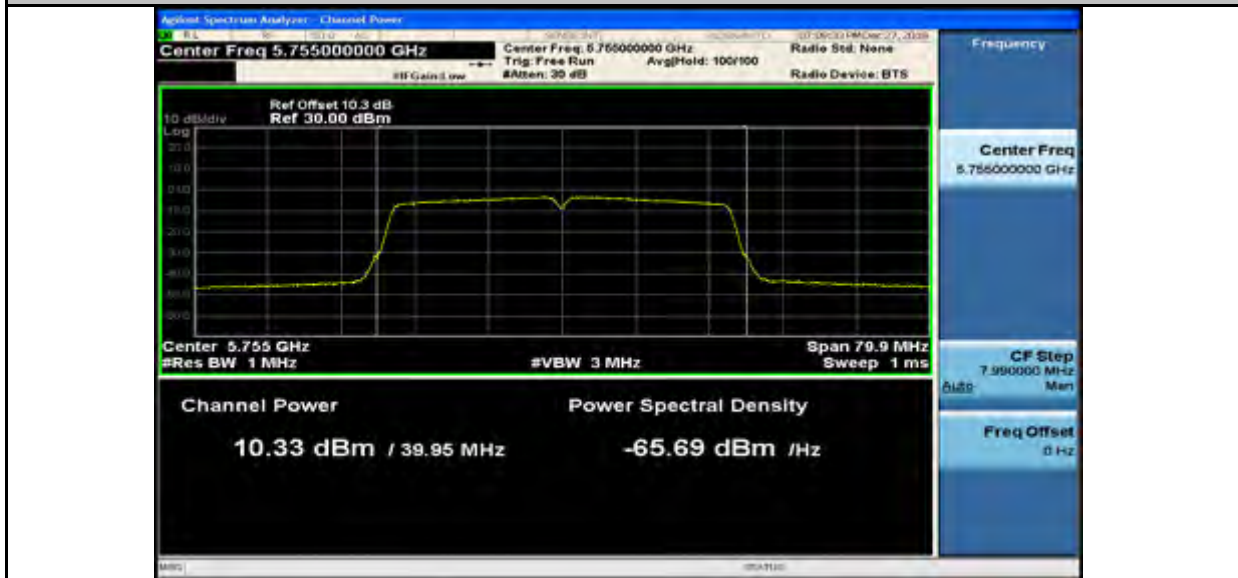
Maximum Conduct Output Power_11AC40_5190_Ant2



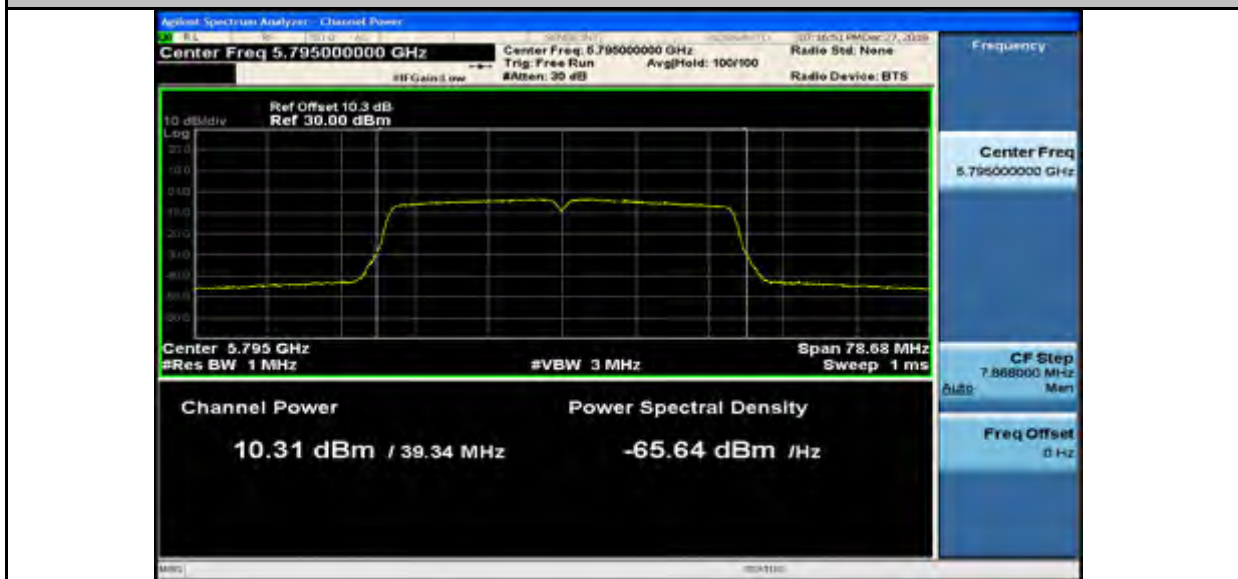
Maximum Conduct Output Power_11AC40_5230_Ant2



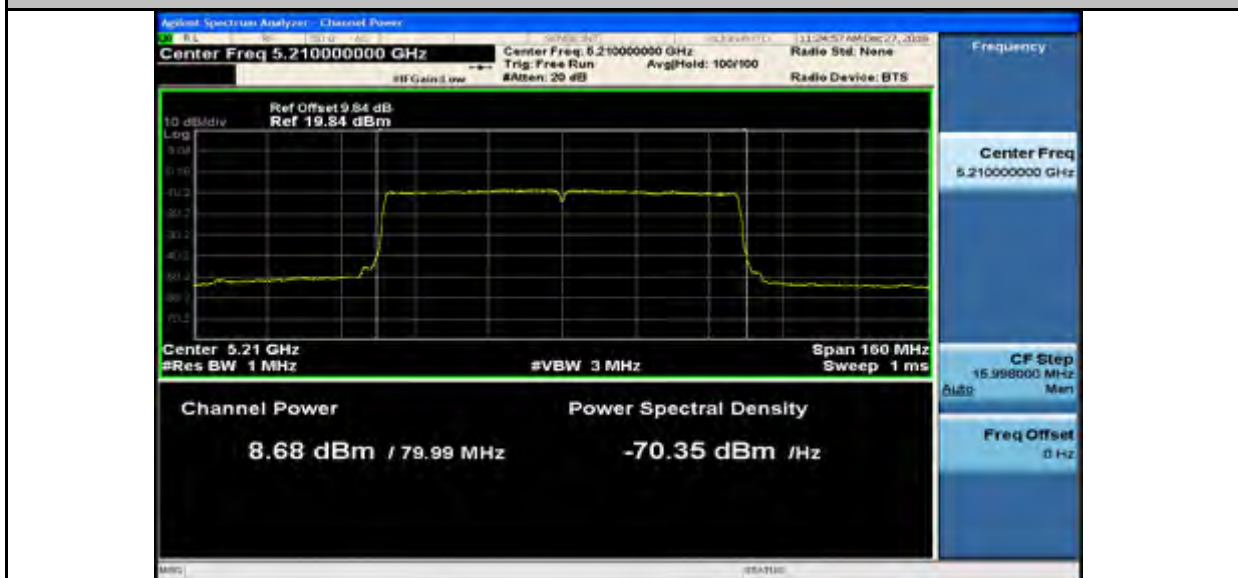
Maximum Conduct Output Power_11AC40_5755_Ant2



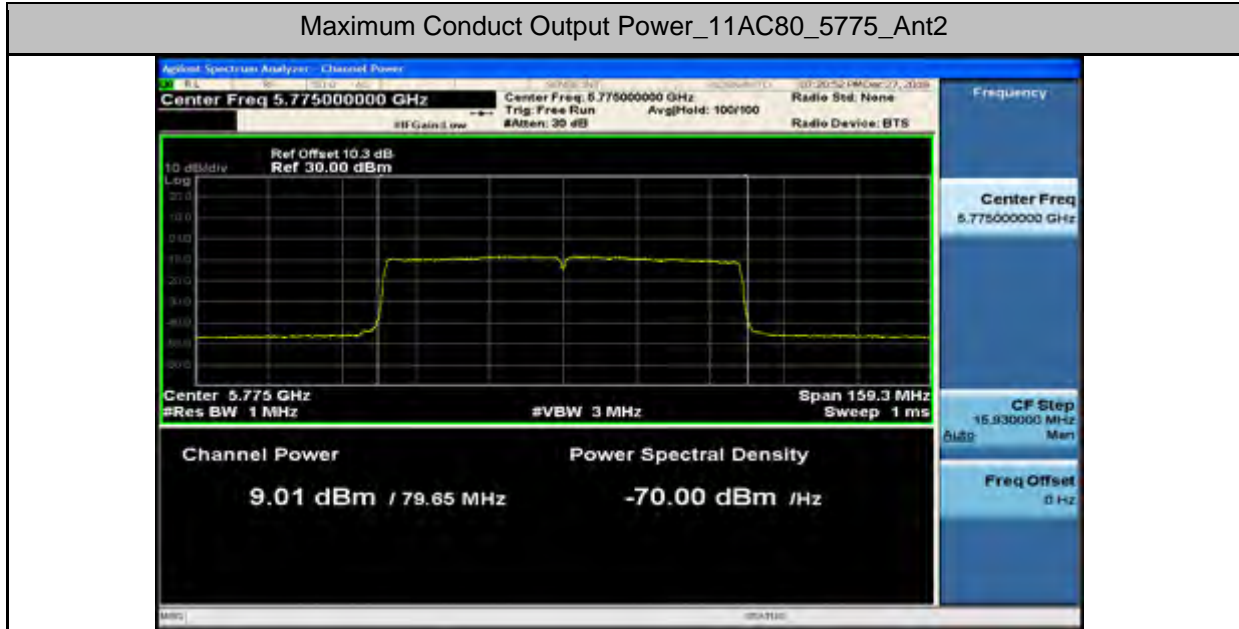
Maximum Conduct Output Power_11AC40_5795_Ant2



Maximum Conduct Output Power_11AC80_5210_Ant2



Maximum Conduct Output Power_11AC80_5775_Ant2



5. Maximum Power Spectral Density

Test Mode	Test Channel	Level [dBm/MHz]		10log(1/x) Factor [dB]		PSD [dBm/MHz]			Limit [dBm/MHz]	Verdict
		Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	MIMO		
11A	5180	5.67	5.67	0.31	0.31	5.98	5.98	NA	17.00	PASS
11A	5220	4.77	5.21	0.31	0.31	5.08	5.52	NA	17.00	PASS
11A	5240	4.65	5.37	0.31	0.31	4.96	5.68	NA	17.00	PASS
11N20	5180	3.51	3.91	0.34	0.34	3.85	4.25	7.06	15.00	PASS
11N20	5220	2.71	3.46	0.34	0.34	3.05	3.8	6.45	15.00	PASS
11N20	5240	2.85	3.53	0.34	0.34	3.19	3.87	6.55	15.00	PASS
11N40	5190	-0.24	-0.35	0.65	0.64	0.41	0.29	3.36	15.00	PASS
11N40	5230	-0.92	-0.89	0.64	0.65	-0.28	-0.24	2.75	15.00	PASS
11AC20	5180	2.57	2.98	0.33	0.33	2.90	3.31	6.12	15.00	PASS
11AC20	5220	1.71	2.33	0.33	0.33	2.04	2.66	5.37	15.00	PASS
11AC20	5240	1.51	2.54	0.33	0.33	1.84	2.87	5.40	15.00	PASS
11AC40	5190	-2.72	-4.02	0.63	0.63	-2.09	-3.39	0.32	15.00	PASS
11AC40	5230	-4.05	-4.19	0.65	0.65	-3.40	-3.54	-0.46	15.00	PASS
11AC80	5210	-7.50	-8.45	1.18	1.19	-6.32	-7.26	-3.75	15.00	PASS

Test Mode	Test Channel	Level [dBm/500kHz]		10log(1/x) Factor [dB]		10log(500kHz/RBW) Factor [dB]		PSD [dBm/500kHz]			Limit [dBm/500kHz]	Verdict
		Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	MIMO		
11A	5745	-3.35	-1.84	0.31	0.31	2.22	2.22	-0.82	0.69	NA	30	PASS
11A	5785	-3.53	-2.23	0.31	0.31	2.22	2.22	-1	0.3	NA	30	PASS
11A	5825	-3.32	-2.78	0.31	0.31	2.22	2.22	-0.79	-0.25	NA	30	PASS
11N20	5745	-4.35	-2.92	0.34	0.33	2.22	2.22	-1.79	-0.37	1.99	28	PASS
11N20	5785	-4.57	-2.97	0.34	0.34	2.22	2.22	-2.01	-0.41	1.87	28	PASS
11N20	5825	-4.22	-3.46	0.34	0.34	2.22	2.22	-1.66	-0.9	1.75	28	PASS
11N40	5755	-9.11	-8.01	0.65	0.65	2.22	2.22	-6.24	-5.14	-2.64	28	PASS
11N40	5795	-9.7	-8.09	0.65	0.65	2.22	2.22	-6.83	-5.22	-2.94	28	PASS
11AC20	5745	-5.94	-3.69	0.33	0.33	2.22	2.22	-3.39	-1.14	0.89	28	PASS
11AC20	5785	-5.79	-4.14	0.32	0.33	2.22	2.22	-3.25	-1.59	0.67	28	PASS
11AC20	5825	-5.64	-3.89	0.33	0.33	2.22	2.22	-3.09	-1.34	0.88	28	PASS
11AC40	5755	-10.67	-8.36	0.63	0.65	2.22	2.22	-7.82	-5.49	-3.49	28	PASS
11AC40	5795	-10.69	-8.56	0.63	0.65	2.22	2.22	-7.84	-5.69	-3.62	28	PASS
11AC80	5775	-13.68	-12.92	1.22	1.2	2.22	2.22	-10.24	-9.5	-6.84	28	PASS

Maximum Power Spectral Density_TNVN_11A_5180_Ant1



Maximum Power Spectral Density_TNVN_11A_5220_Ant1



Maximum Power Spectral Density_TNVN_11A_5240_Ant1



Maximum Power Spectral Density_TNVN_11A_5745_Ant1



Maximum Power Spectral Density_TNVN_11A_5785_Ant1



Maximum Power Spectral Density_TNVN_11A_5825_Ant1



Maximum Power Spectral Density_TNVN_11N20_5180_Ant1



Maximum Power Spectral Density_TNVN_11N20_5220_Ant1



Maximum Power Spectral Density_TNVN_11N20_5240_Ant1



Maximum Power Spectral Density_TNVN_11N20_5745_Ant1



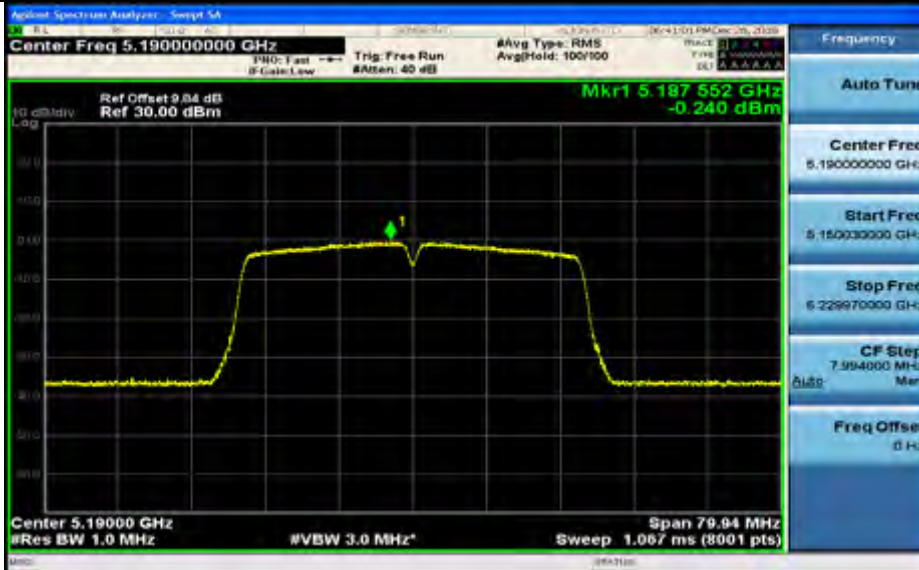
Maximum Power Spectral Density_TNVN_11N20_5785_Ant1



Maximum Power Spectral Density_TNVN_11N20_5825_Ant1



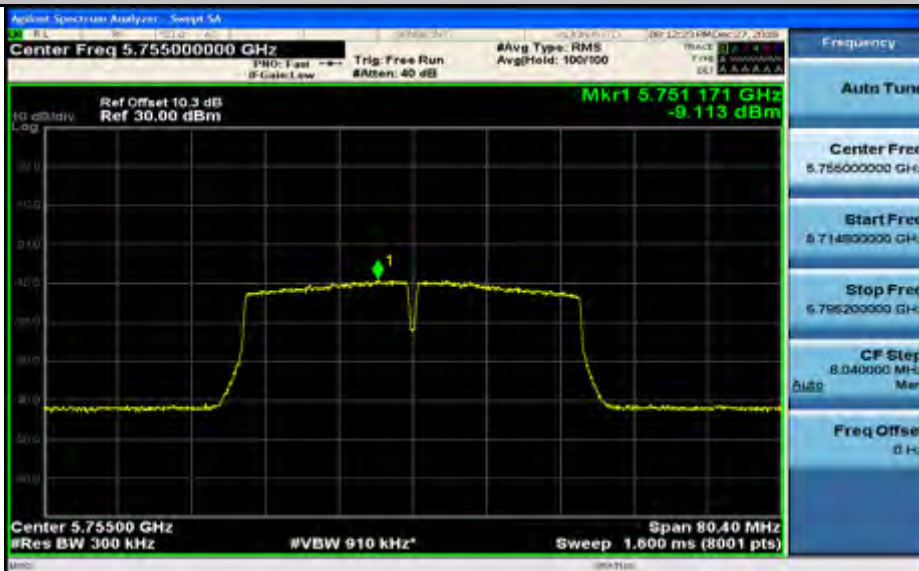
Maximum Power Spectral Density_TNVN_11N40_5190_Ant1



Maximum Power Spectral Density_TNVN_11N40_5230_Ant1



Maximum Power Spectral Density_TNVN_11N40_5755_Ant1



Maximum Power Spectral Density_TNVN_11N40_5795_Ant1



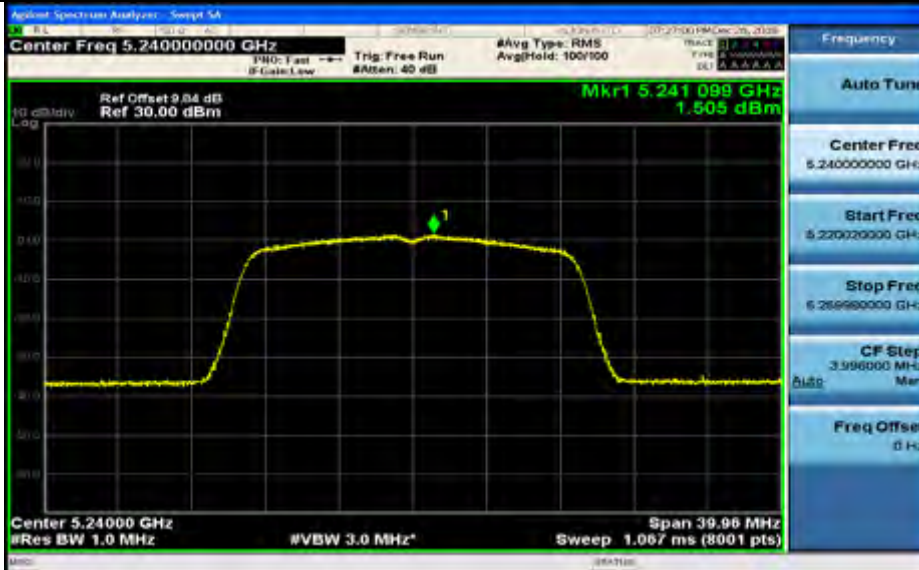
Maximum Power Spectral Density_TNVN_11AC20_5180_Ant1



Maximum Power Spectral Density_TNVN_11AC20_5220_Ant1



Maximum Power Spectral Density_TNVN_11AC20_5240_Ant1



Maximum Power Spectral Density_TNVN_11AC20_5745_Ant1



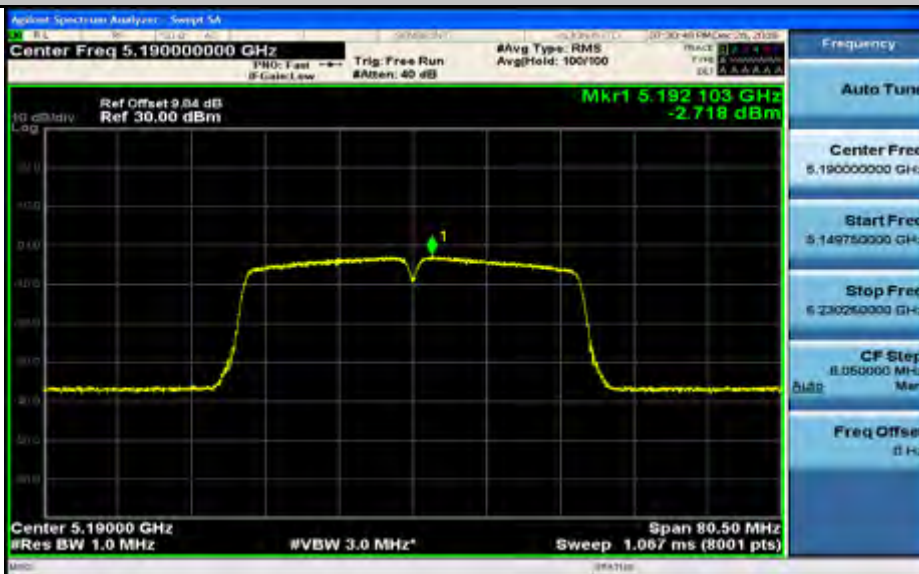
Maximum Power Spectral Density_TNVN_11AC20_5785_Ant1



Maximum Power Spectral Density_TNVN_11AC20_5825_Ant1



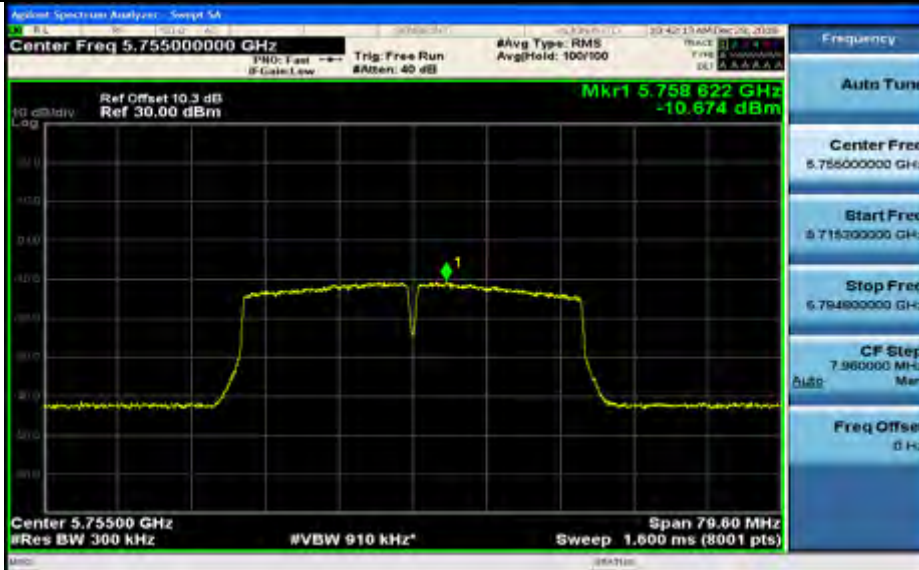
Maximum Power Spectral Density_TNVN_11AC40_5190_Ant1



Maximum Power Spectral Density_TNVN_11AC40_5230_Ant1



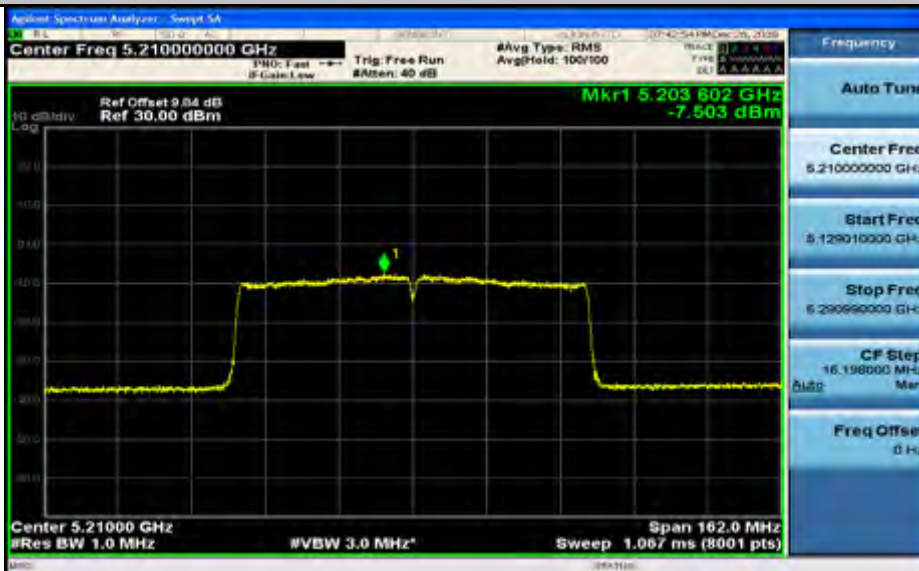
Maximum Power Spectral Density_TNVN_11AC40_5755_Ant1



Maximum Power Spectral Density_TNVN_11AC40_5795_Ant1



Maximum Power Spectral Density_TNVN_11AC80_5210_Ant1



Maximum Power Spectral Density_TNVN_11AC80_5775_Ant1



Maximum Power Spectral Density_TNVN_11A_5180_Ant2



Maximum Power Spectral Density_TNVN_11A_5220_Ant2



Maximum Power Spectral Density_TNVN_11A_5240_Ant2



Maximum Power Spectral Density_TNVN_11A_5745_Ant2



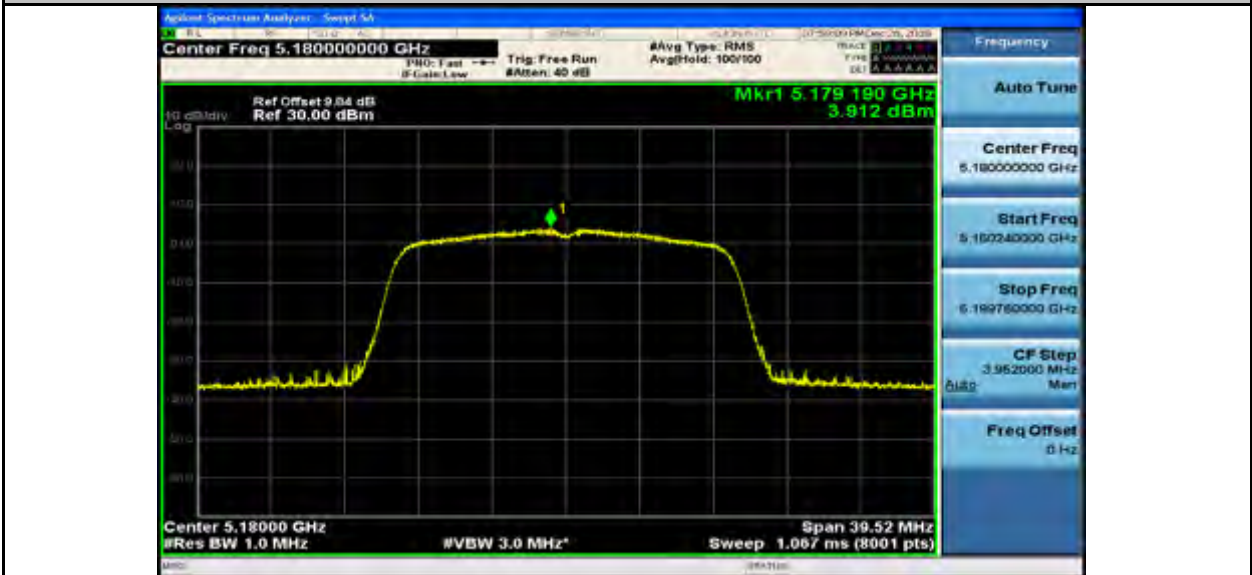
Maximum Power Spectral Density_TNVN_11A_5785_Ant2



Maximum Power Spectral Density_TNVN_11A_5825_Ant2



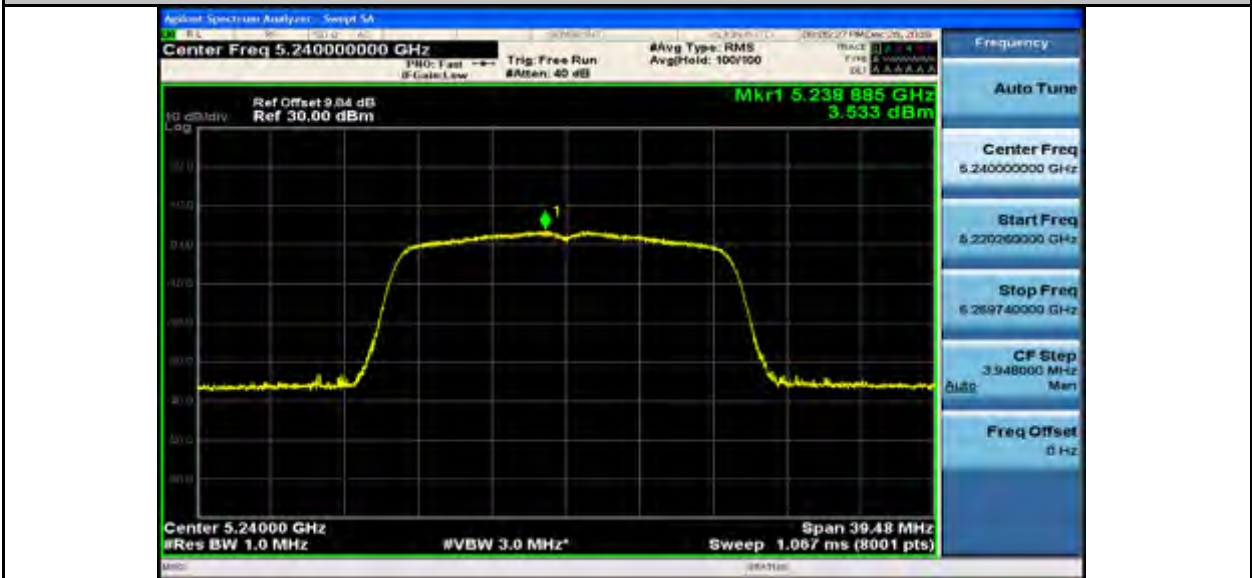
Maximum Power Spectral Density_TNVN_11N20_5180_Ant2



Maximum Power Spectral Density_TNVN_11N20_5220_Ant2



Maximum Power Spectral Density_TNVN_11N20_5240_Ant2



Maximum Power Spectral Density_TNVN_11N20_5745_Ant2



Maximum Power Spectral Density_TNVN_11N20_5785_Ant2



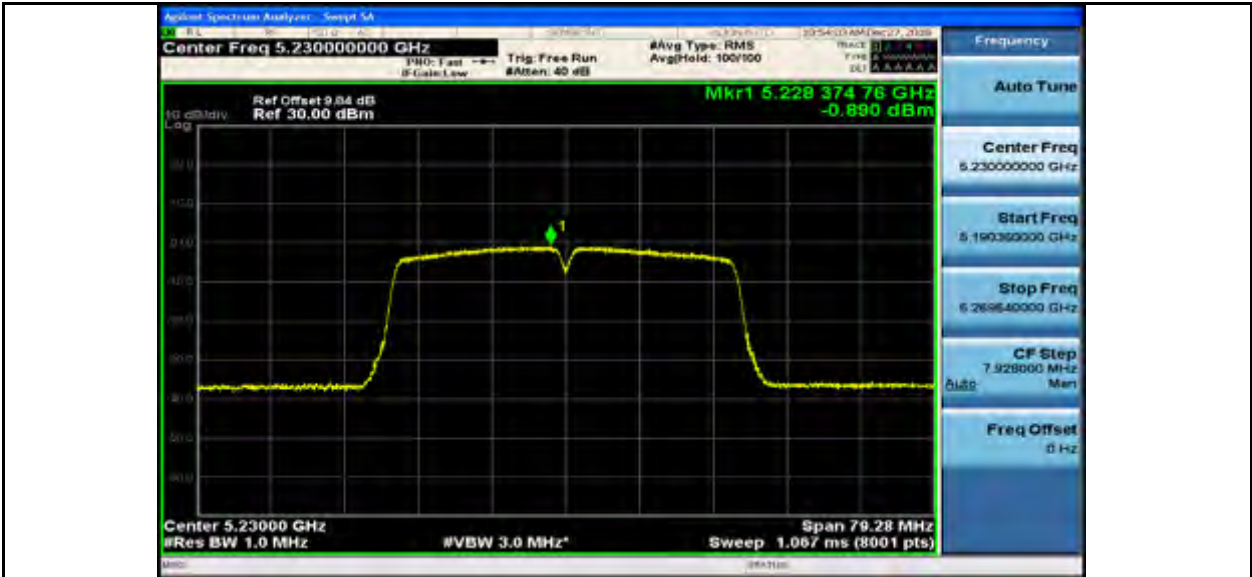
Maximum Power Spectral Density_TNVN_11N20_5825_Ant2



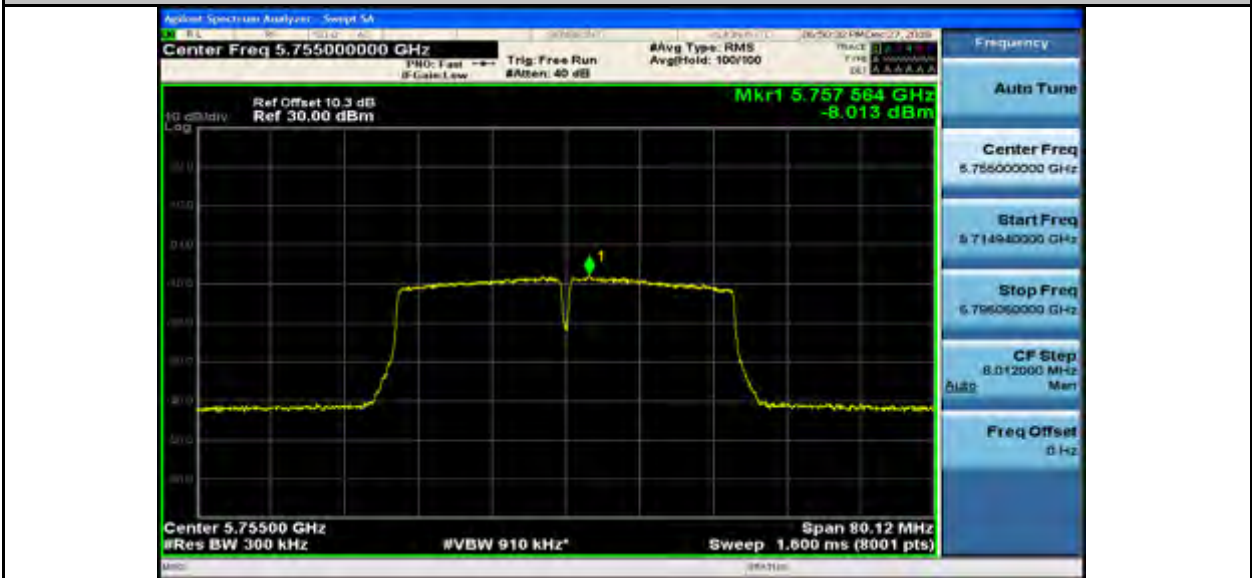
Maximum Power Spectral Density_TNVN_11N40_5190_Ant2



Maximum Power Spectral Density_TNVN_11N40_5230_Ant2



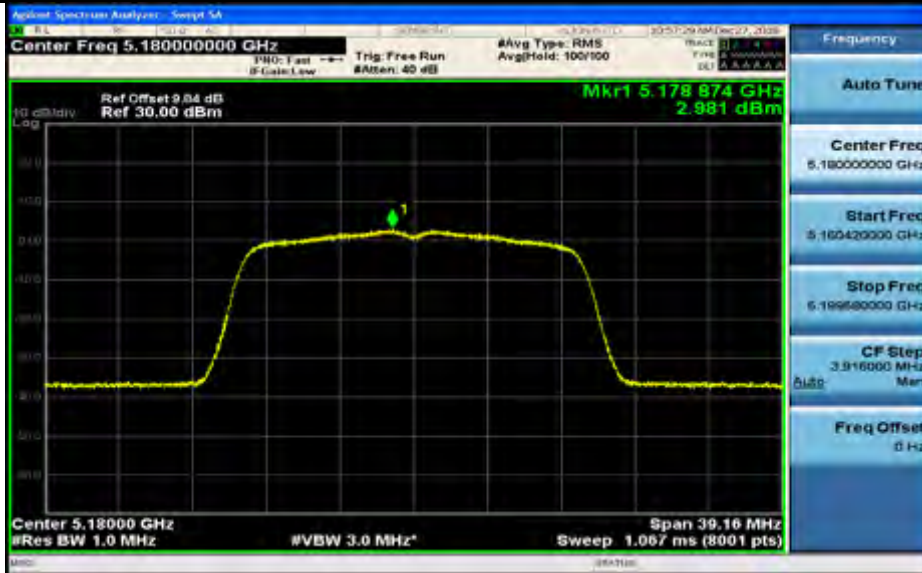
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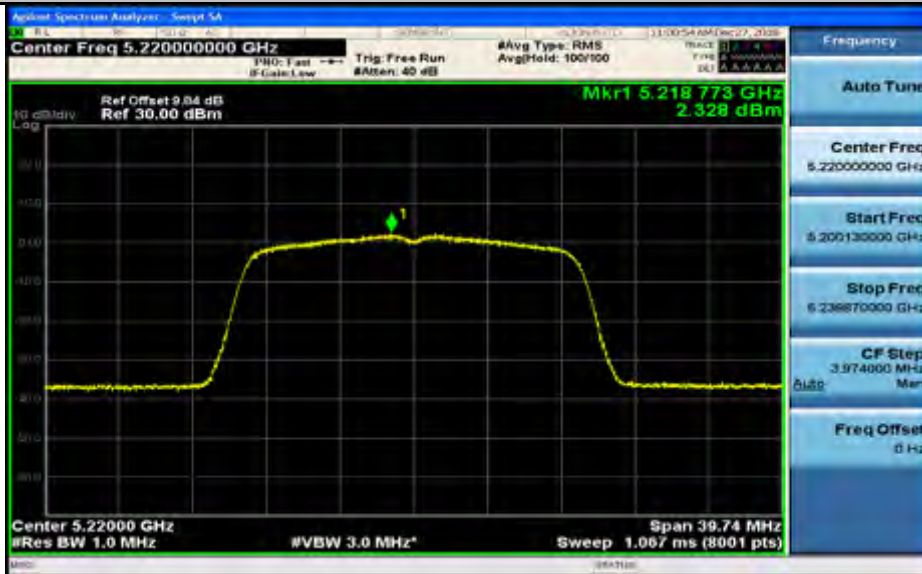
Maximum Power Spectral Density_TNVN_11N40_5795_Ant2



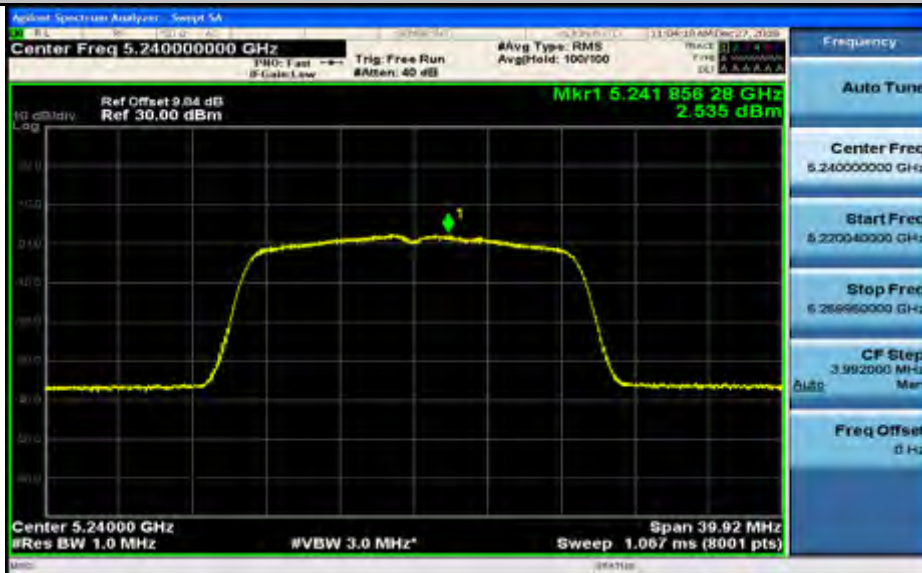
Maximum Power Spectral Density_TNVN_11AC20_5180_Ant2



Maximum Power Spectral Density_TNVN_11AC20_5220_Ant2



Maximum Power Spectral Density_TNVN_11AC20_5240_Ant2



Maximum Power Spectral Density_TNVN_11AC20_5745_Ant2



Maximum Power Spectral Density_TNVN_11AC20_5785_Ant2



Maximum Power Spectral Density_TNVN_11AC20_5825_Ant2



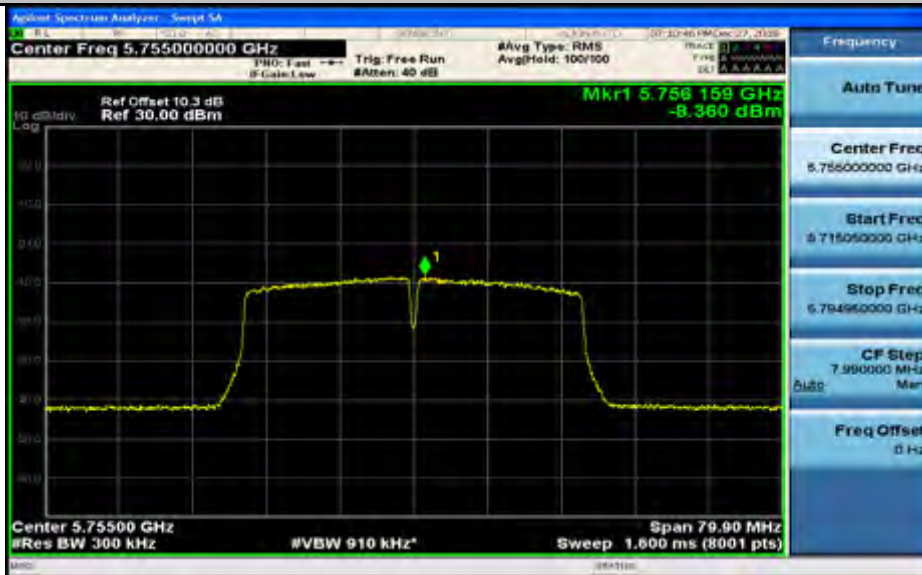
Maximum Power Spectral Density_TNVN_11AC40_5190_Ant2



Maximum Power Spectral Density_TNVN_11AC40_5230_Ant2



Maximum Power Spectral Density_TNVN_11AC40_5755_Ant2



Maximum Power Spectral Density_TNVN_11AC40_5795_Ant2



Maximum Power Spectral Density_TNVN_11AC80_5210_Ant2



Maximum Power Spectral Density_TNVN_11AC80_5775_Ant2



6. Frequency Stability

Band	Test Conditions		Operation Frequency (MHz)	Test Frequency (MHz)		Freq. Dev. (MHz)		Limit (GHz)	Result	
	Volt (V DC)	Temp (°C)		ANT0	ANT1	ANT0	ANT1			
Band U-NII 1	Normal(12)	Extreme(-20)	5180	5180.0258	5180.0275	0.0258	0.0275	5.15-5.25	Pass	
		Extreme(-10)		5180.0299	5180.0302	0.0299	0.0302		Pass	
		Extreme(0)		5180.0313	5180.0252	0.0313	0.0252		Pass	
		Extreme(+10)		5180.0337	5180.0246	0.0337	0.0246		Pass	
		Extreme(+20)		5180.0332	5180.0259	0.0332	0.0259		Pass	
		Extreme(+30)		5180.0334	5180.0199	0.0334	0.0199		Pass	
		Extreme(+40)		5180.0251	5180.0265	0.0251	0.0265		Pass	
		Extreme(+55)		5180.0425	5180.0208	0.0425	0.0208		Pass	
	Extreme(10.2)	Normal(+20)	5240	5180.0128	5180.0443	0.0128	0.0443		Pass	
	Extreme(13.8)			5180.0363	5180.0152	0.0363	0.0152		Pass	
	Normal(12)	Extreme(-20)		5240.0273	5240.0401	0.0273	0.0401		Pass	
		Extreme(-10)		5240.0255	5240.0259	0.0255	0.0259		Pass	
		Extreme(0)		5240.0338	5240.0349	0.0338	0.0349		Pass	
		Extreme(+10)		5240.0375	5240.0385	0.0375	0.0385		Pass	
		Extreme(+20)		5240.0424	5240.0449	0.0424	0.0449		Pass	
		Extreme(+30)		5240.0239	5240.0257	0.0239	0.0257		Pass	
		Extreme(+40)		5240.0247	5240.0268	0.0247	0.0268		Pass	
		Extreme(+55)		5240.0375	5240.0399	0.0375	0.0399		Pass	
	Extreme(10.2)	Normal(20)		5240.0413	5240.0428	0.0413	0.0428		Pass	
	Extreme(13.8)			5240.0356	5240.0388	0.0356	0.0388		Pass	
Band U-NII 3	Test Conditions			Operation Frequency (MHz)	Test Frequency (MHz)		Freq. Dev. (MHz)		Limit (GHz)	Result
	Volt (V DC)	Temp (°C)			ANT0	ANT1	ANT0	ANT1		
Band U-NII 3	Normal(12)	Extreme(-20)		5745	5745.0415	5745.0432	0.0415	0.0432	5.725-5.85	Pass
		Extreme(-10)			5745.0405	5745.0441	0.0405	0.0441		Pass
		Extreme(0)			5745.0326	5745.0358	0.0326	0.0358		Pass
		Extreme(+10)			5745.0312	5745.0346	0.0312	0.0346		Pass
		Extreme(+20)			5745.0385	5745.0399	0.0385	0.0399		Pass
		Extreme(+30)			5745.0421	5745.0455	0.0421	0.0455		Pass
		Extreme(+40)	5745.0358		5745.0398	0.0358	0.0398	Pass		
		Extreme(+55)	5745.0322		5745.0374	0.0322	0.0374	Pass		
	Extreme(10.2)	Normal(+20)	5825	5745.0402	5745.0425	0.0402	0.0425	Pass		
	Extreme(13.8)			5745.0434	5745.0485	0.0434	0.0485	Pass		
	Normal(12)	Extreme(-20)		5825.0401	5825.0436	0.0401	0.0436	Pass		
		Extreme(-10)		5825.0431	5825.0486	0.0431	0.0486	Pass		
		Extreme(0)		5825.0365	5825.0388	0.0365	0.0388	Pass		
		Extreme(+10)		5825.0302	5825.0345	0.0302	0.0345	Pass		
		Extreme(+20)		5825.0299	5825.0306	0.0299	0.0306	Pass		
		Extreme(+30)		5825.0341	5825.0384	0.0341	0.0384	Pass		
		Extreme(+40)		5825.0314	5825.0365	0.0314	0.0365	Pass		
		Extreme(+55)		5825.0328	5825.0376	0.0328	0.0376	Pass		
	Extreme(10.2)	Normal(20)		5825.0415	5825.0435	0.0415	0.0435	Pass		
	Extreme(13.8)			5825.0356	5825.0385	0.0356	0.0385	Pass		

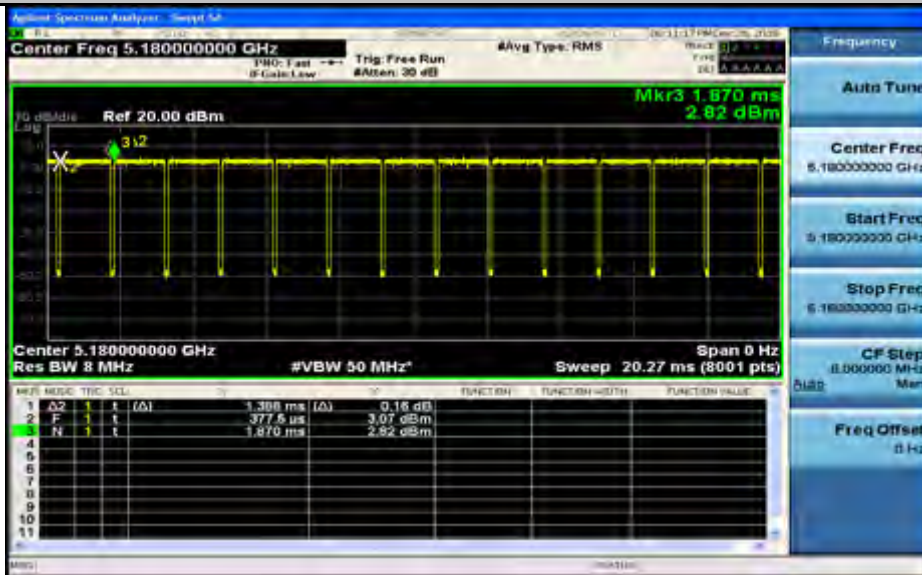
Remark: Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency deviation noted during the frequency stability tests is applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.



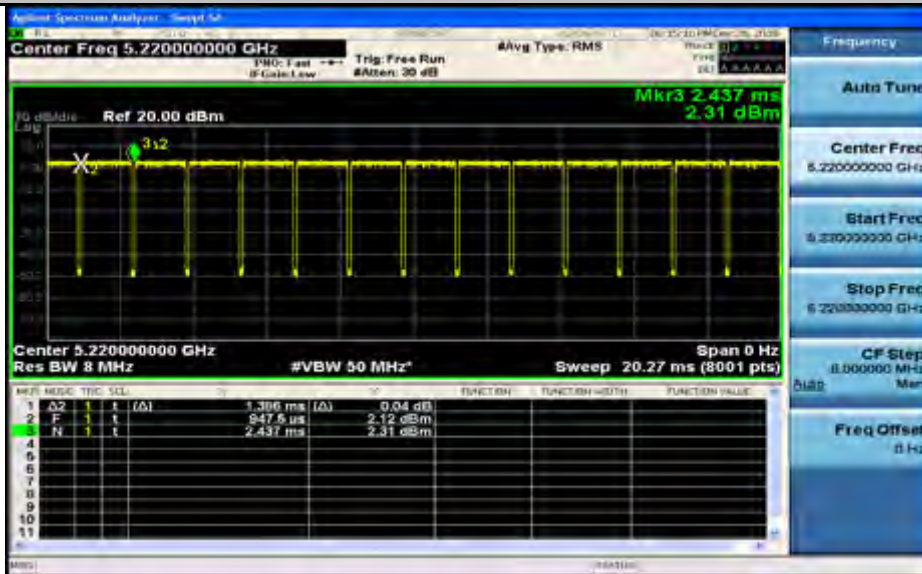
7.Duty Cycle

Test Mode	Test Channel	Duty Cycle[%]		10log(1/x) Factor[dB]	
		Ant1	Ant2	Ant1	Ant2
11A	5180	93.04	93.04	0.31	0.31
11A	5220	93.03	93.03	0.31	0.31
11A	5240	93.04	93.03	0.31	0.31
11A	5745	93.04	93.03	0.31	0.31
11A	5785	93.03	93.03	0.31	0.31
11A	5825	93.03	93.04	0.31	0.31
11N20	5180	92.57	92.57	0.34	0.34
11N20	5220	92.57	92.57	0.34	0.34
11N20	5240	92.57	92.57	0.34	0.34
11N20	5745	92.57	92.75	0.34	0.33
11N20	5785	92.57	92.57	0.34	0.34
11N20	5825	92.57	92.57	0.34	0.34
11N40	5190	86.10	86.39	0.65	0.64
11N40	5230	86.39	86.10	0.64	0.65
11N40	5755	86.10	86.05	0.65	0.65
11N40	5795	86.10	86.05	0.65	0.65
11AC20	5180	92.64	92.64	0.33	0.33
11AC20	5220	92.63	92.64	0.33	0.33
11AC20	5240	92.64	92.64	0.33	0.33
11AC20	5745	92.64	92.64	0.33	0.33
11AC20	5785	92.81	92.64	0.32	0.33
11AC20	5825	92.63	92.64	0.33	0.33
11AC40	5190	86.49	86.49	0.63	0.63
11AC40	5230	86.15	86.15	0.65	0.65
11AC40	5755	86.49	86.15	0.63	0.65
11AC40	5795	86.49	86.15	0.63	0.65
11AC80	5210	76.28	76.05	1.18	1.19
11AC80	5775	75.45	75.90	1.22	1.20

Duty Cycle_11A_5180_Ant1



Duty Cycle_11A_5220_Ant1



Duty Cycle_11A_5240_Ant1



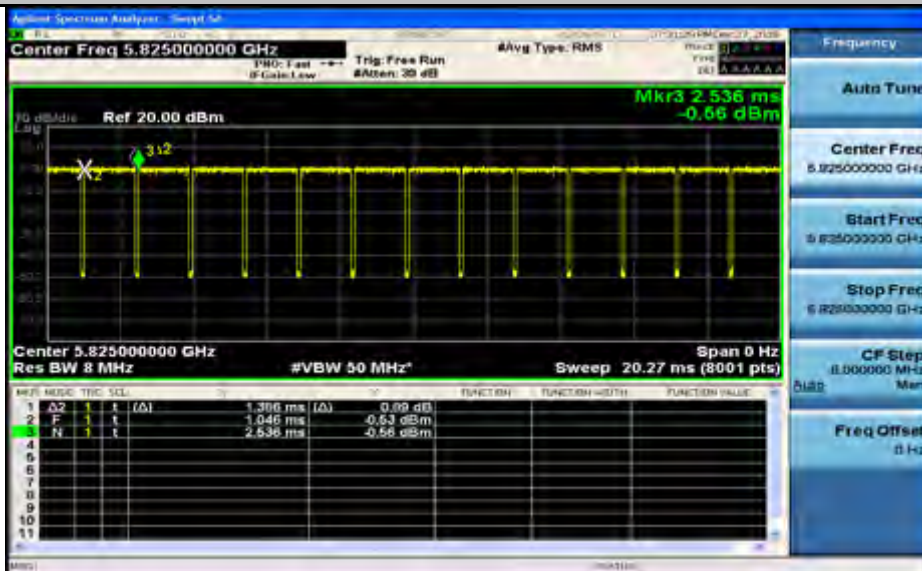
Duty Cycle_11A_5745_Ant1



Duty Cycle_11A_5785_Ant1



Duty Cycle_11A_5825_Ant1



Duty Cycle_11N20_5180_Ant1



Duty Cycle_11N20_5220_Ant1



Duty Cycle_11N20_5240_Ant1



Duty Cycle_11N20_5745_Ant1



Duty Cycle_11N20_5785_Ant1



Duty Cycle_11N20_5825_Ant1



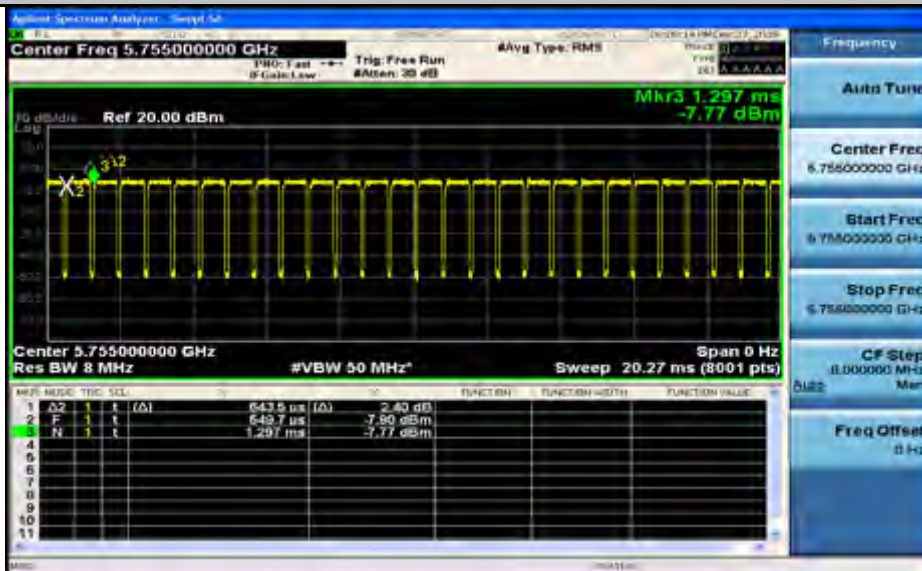
Duty Cycle_11N40_5190_Ant1



Duty Cycle_11N40_5230_Ant1



Duty Cycle_11N40_5755_Ant1



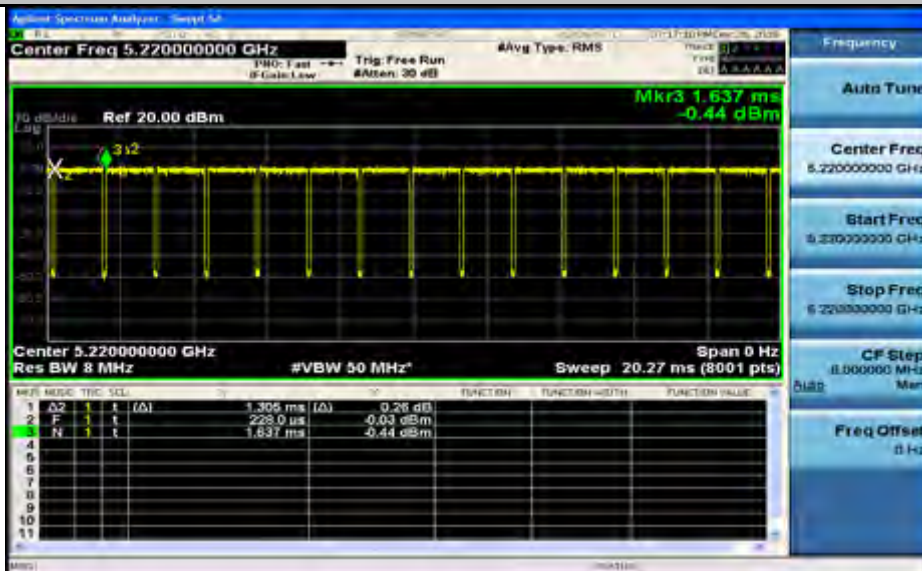
Duty Cycle_11N40_5795_Ant1



Duty Cycle_11AC20_5180_Ant1



Duty Cycle_11AC20_5220_Ant1



Duty Cycle_11AC20_5240_Ant1



Duty Cycle_11AC20_5745_Ant1



Duty Cycle_11AC20_5785_Ant1



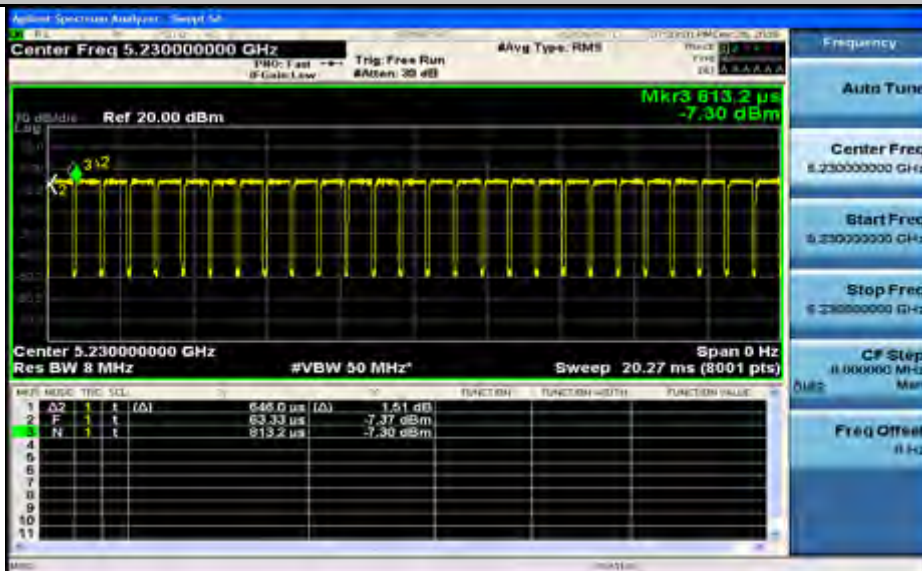
Duty Cycle_11AC20_5825_Ant1



Duty Cycle_11AC40_5190_Ant1



Duty Cycle_11AC40_5230_Ant1



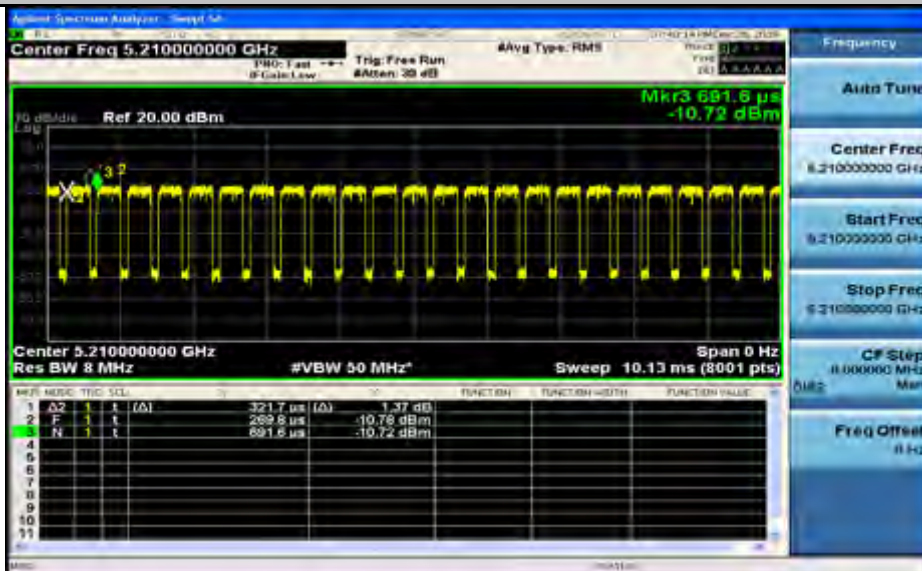
Duty Cycle_11AC40_5755_Ant1



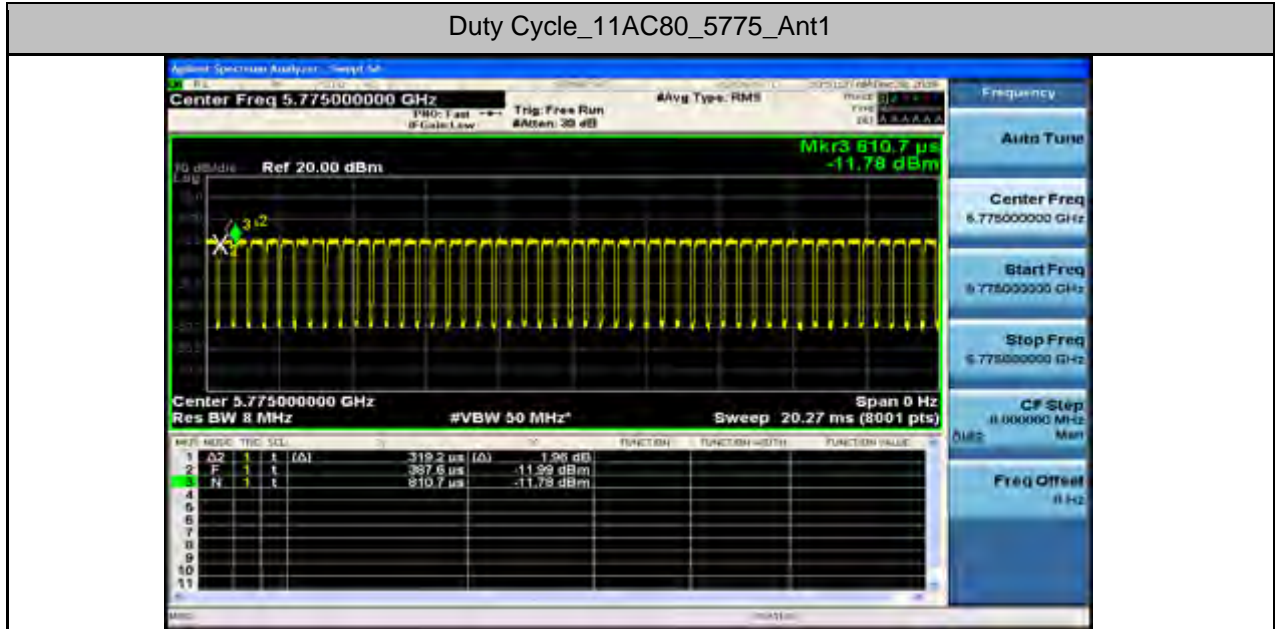
Duty Cycle_11AC40_5795_Ant1



Duty Cycle_11AC80_5210_Ant1



Duty Cycle_11AC80_5775_Ant1



Duty Cycle_11A_5180_Ant2



Duty Cycle_11A_5220_Ant2



Duty Cycle_11A_5240_Ant2



Duty Cycle_11A_5745_Ant2



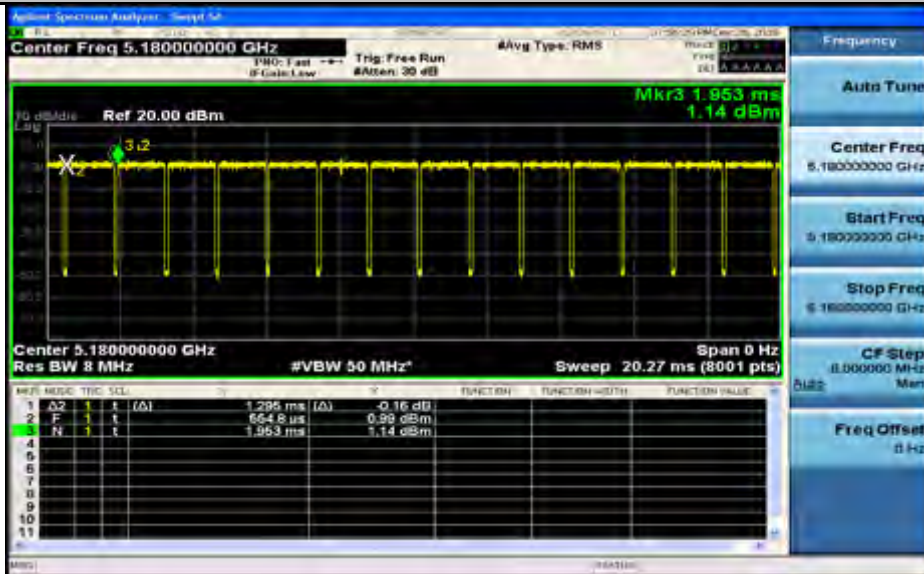
Duty Cycle_11A_5785_Ant2



Duty Cycle_11A_5825_Ant2



Duty Cycle_11N20_5180_Ant2



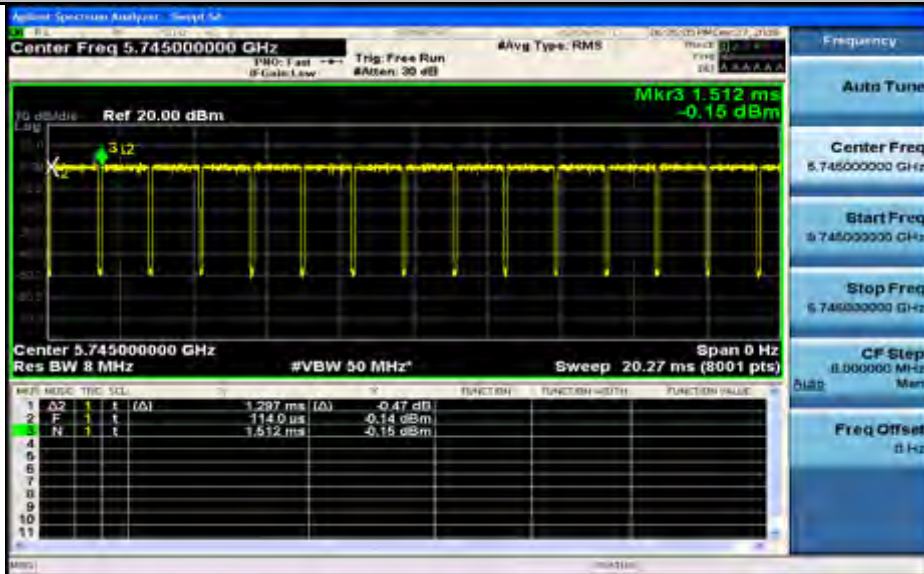
Duty Cycle_11N20_5220_Ant2



Duty Cycle_11N20_5240_Ant2



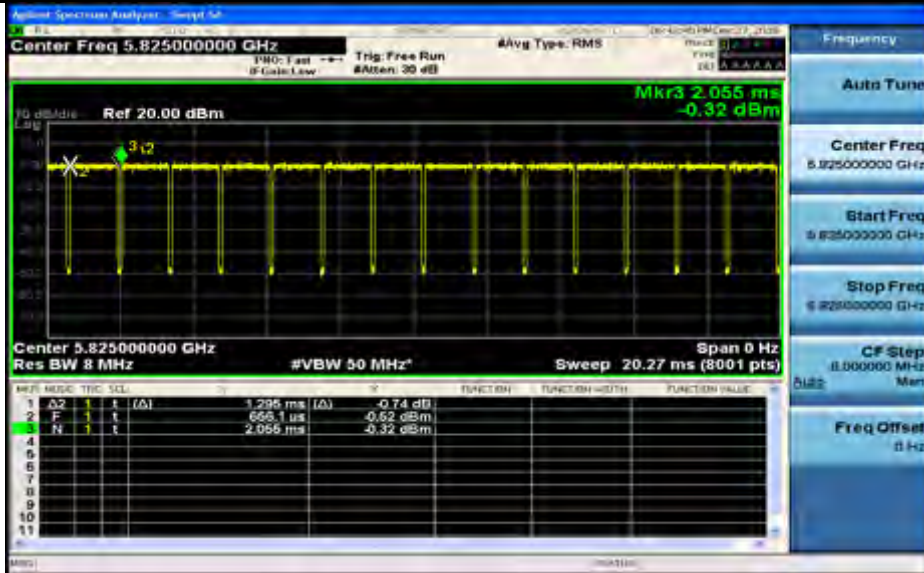
Duty Cycle_11N20_5745_Ant2



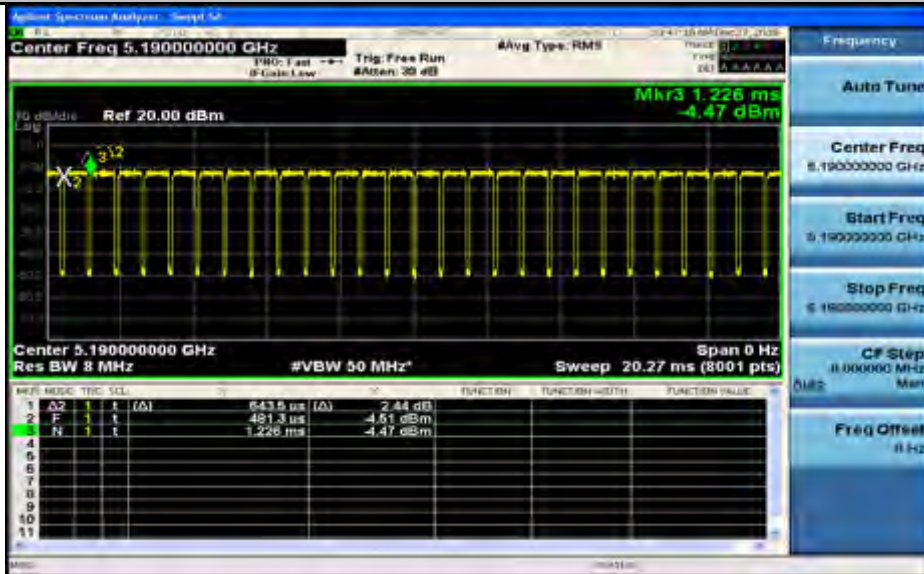
Duty Cycle_11N20_5785_Ant2



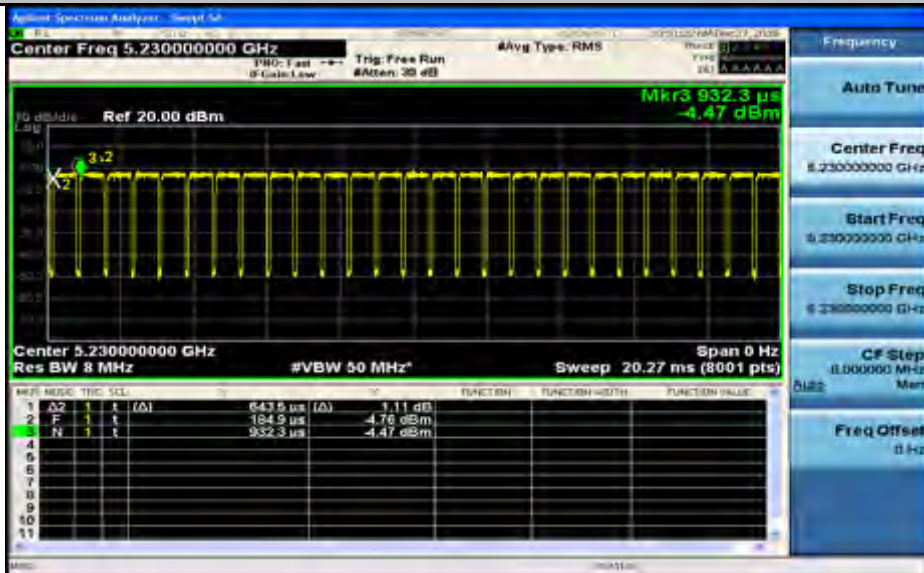
Duty Cycle_11N20_5825_Ant2



Duty Cycle_11N40_5190_Ant2



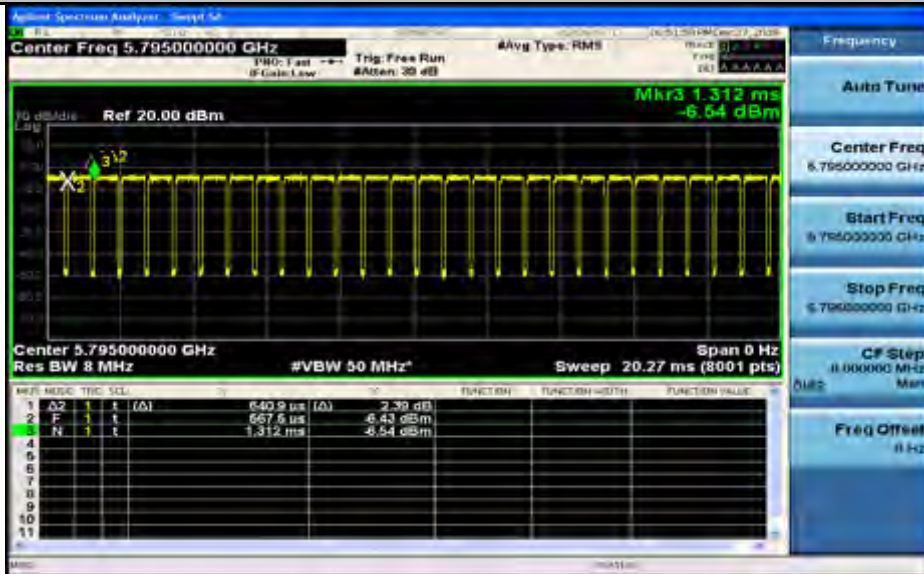
Duty Cycle_11N40_5230_Ant2



Duty Cycle_11N40_5755_Ant2



Duty Cycle_11N40_5795_Ant2



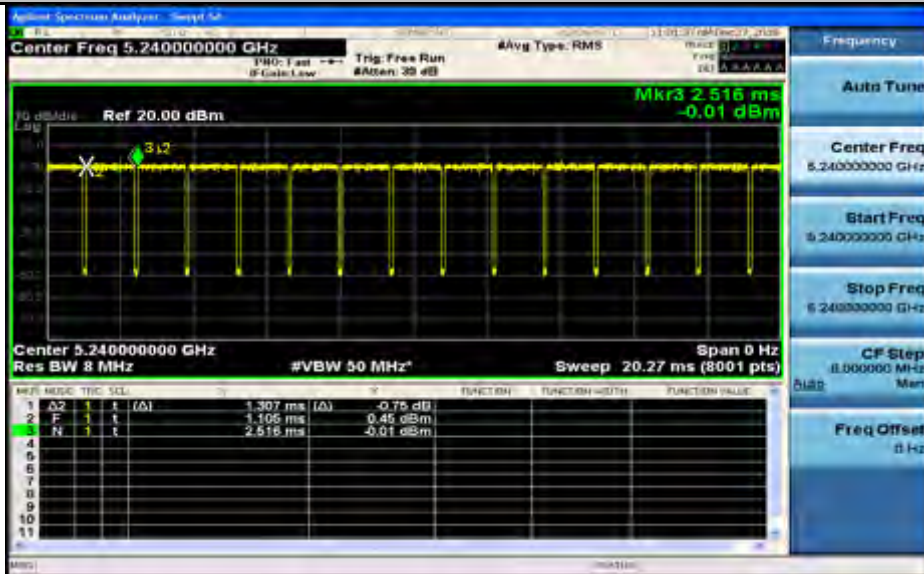
Duty Cycle_11AC20_5180_Ant2



Duty Cycle_11AC20_5220_Ant2



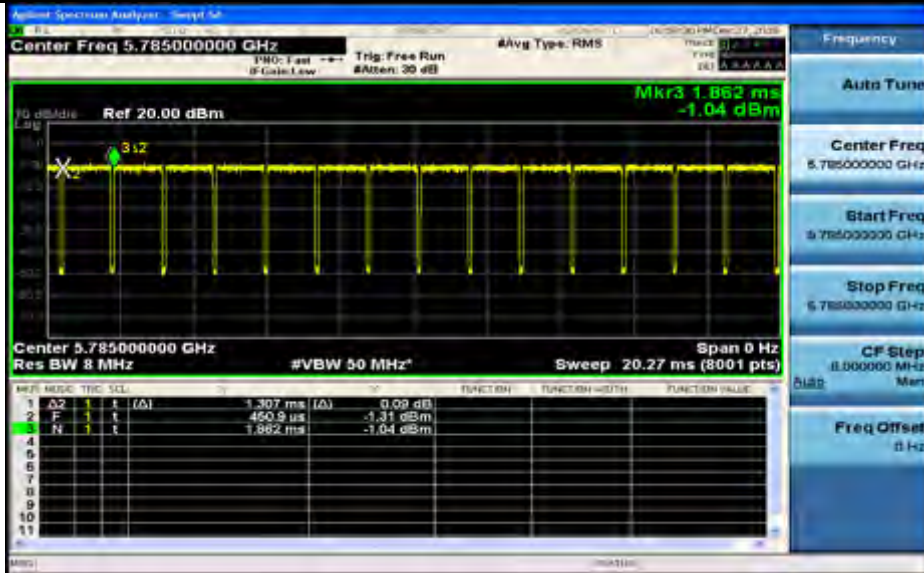
Duty Cycle_11AC20_5240_Ant2



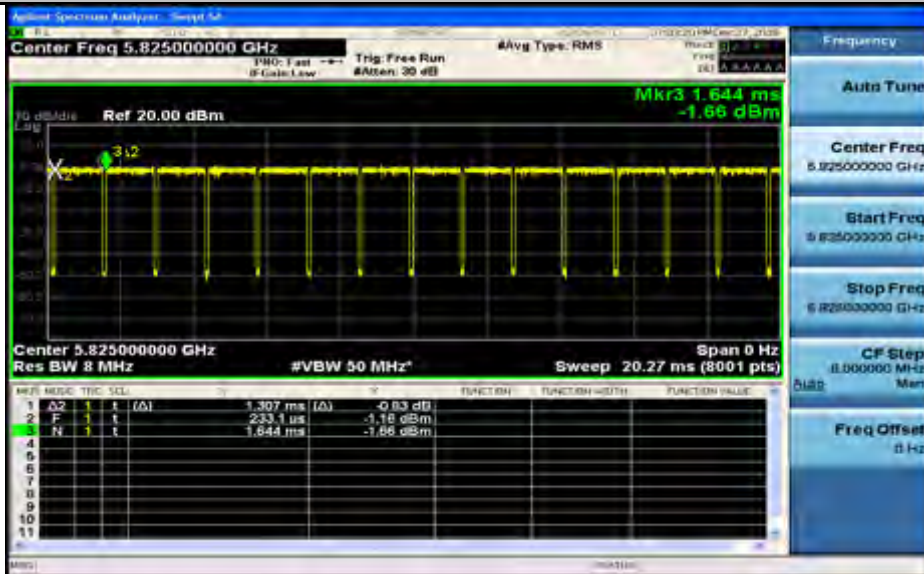
Duty Cycle_11AC20_5745_Ant2



Duty Cycle_11AC20_5785_Ant2



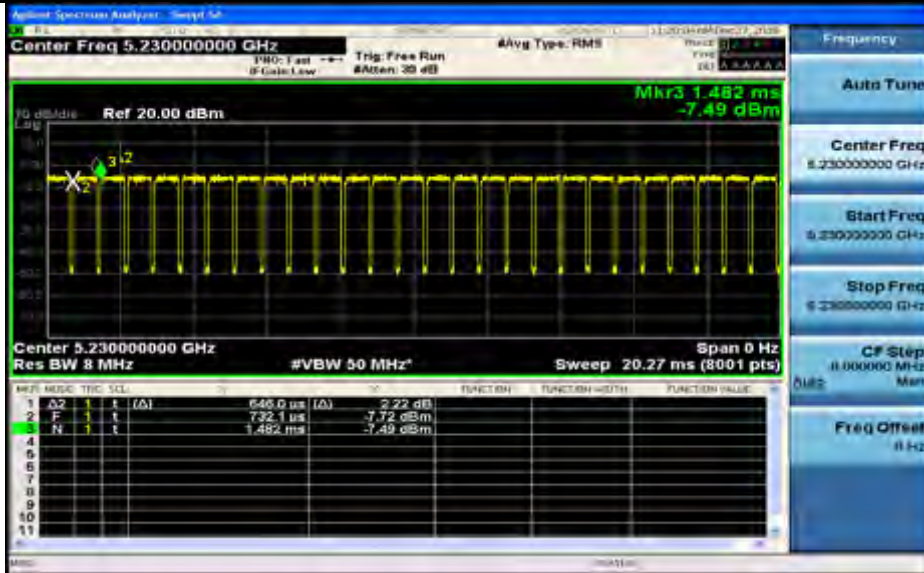
Duty Cycle_11AC20_5825_Ant2



Duty Cycle_11AC40_5190_Ant2



Duty Cycle_11AC40_5230_Ant2



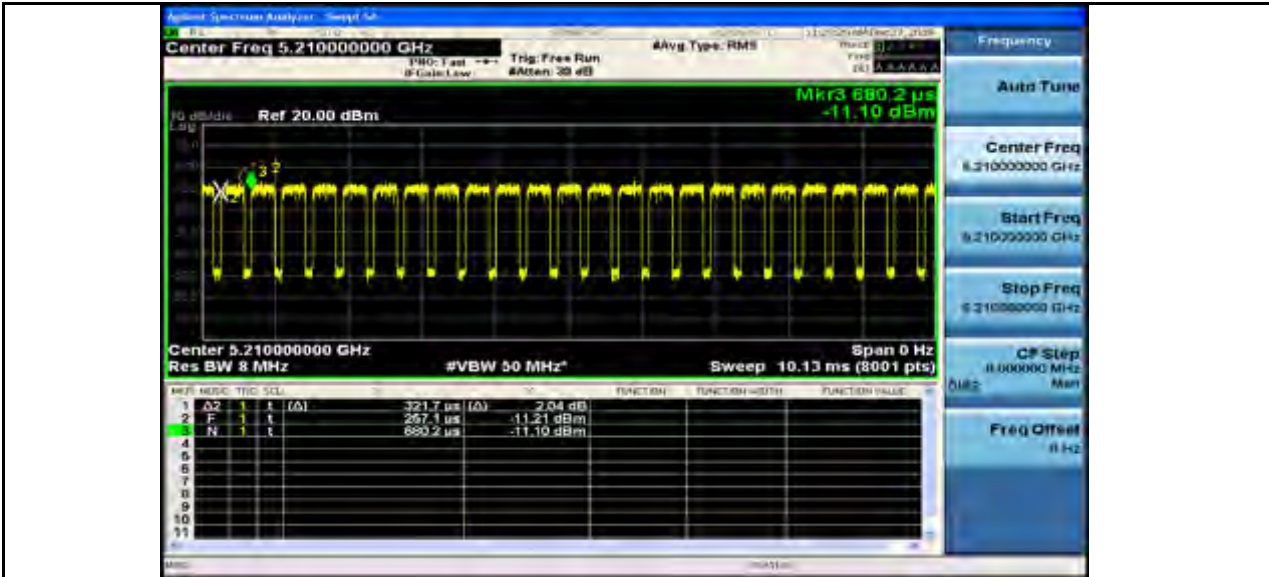
Duty Cycle_11AC40_5755_Ant2



Duty Cycle_11AC40_5795_Ant2



Duty Cycle_11AC80_5210_Ant2



Duty Cycle_11AC80_5775_Ant2

