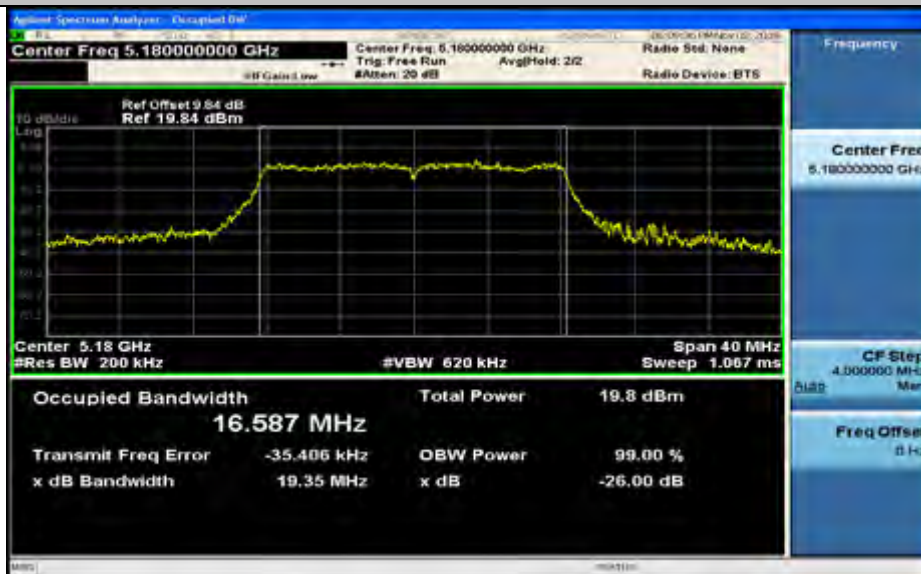


Appendix D for SHEM18000704104

1.(26dB) Emission Bandwidth Measurement

Test Mode	Test Channel	Ant	(26dB)EBW[MHz]	Limit[MHz]	Verdict
11A	5180	Ant1	19.35	---	PASS
11A	5220	Ant1	19.40	---	PASS
11A	5240	Ant1	19.43	---	PASS
11A	5745	Ant1	19.40	---	PASS
11A	5785	Ant1	19.41	---	PASS
11A	5825	Ant1	19.26	---	PASS
11N20	5180	Ant1	20.08	---	PASS
11N20	5220	Ant1	19.88	---	PASS
11N20	5240	Ant1	20.08	---	PASS
11N20	5745	Ant1	19.91	---	PASS
11N20	5785	Ant1	19.87	---	PASS
11N20	5825	Ant1	19.91	---	PASS
11N40	5190	Ant1	40.11	---	PASS
11N40	5230	Ant1	40.01	---	PASS
11N40	5755	Ant1	40.18	---	PASS
11N40	5795	Ant1	40.23	---	PASS
11AC20	5180	Ant1	19.93	---	PASS
11AC20	5220	Ant1	19.81	---	PASS
11AC20	5240	Ant1	19.80	---	PASS
11AC20	5745	Ant1	19.78	---	PASS
11AC20	5785	Ant1	19.97	---	PASS
11AC20	5825	Ant1	19.84	---	PASS
11AC40	5190	Ant1	39.78	---	PASS
11AC40	5230	Ant1	39.97	---	PASS
11AC40	5755	Ant1	40.29	---	PASS
11AC40	5795	Ant1	39.80	---	PASS
11AC80	5210	Ant1	80.47	---	PASS
11AC80	5775	Ant1	80.01	---	PASS

(26dB)Emission Bandwidth Measurement_11A_5180_Ant1



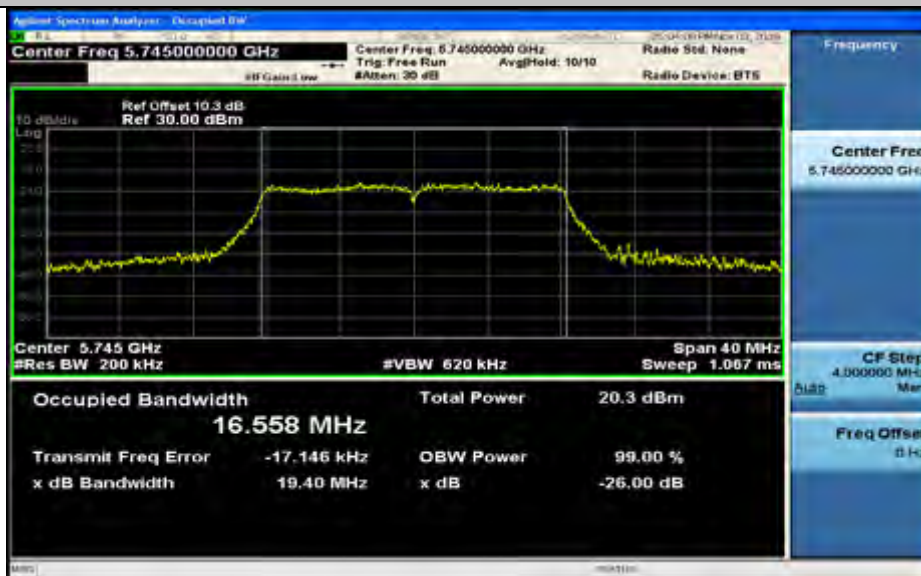
(26dB)Emission Bandwidth Measurement_11A_5220_Ant1



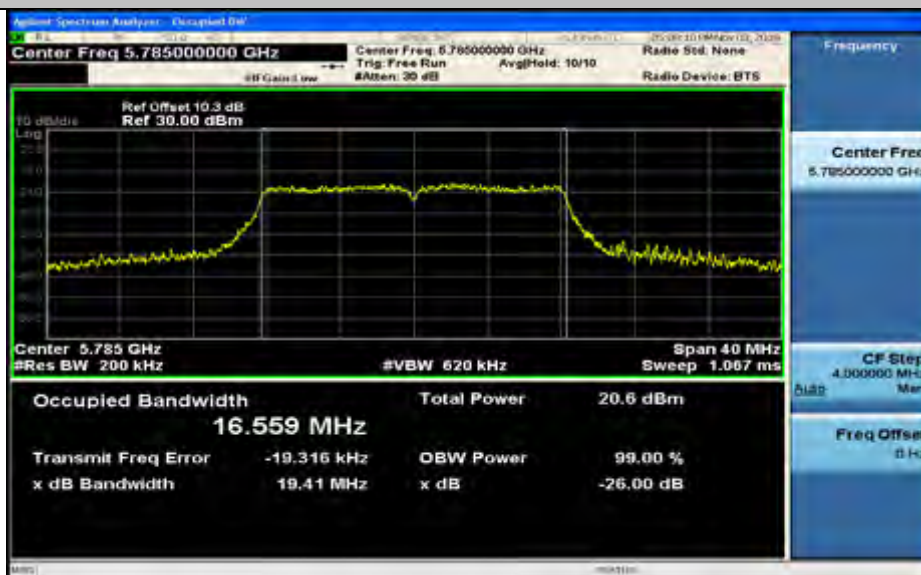
(26dB)Emission Bandwidth Measurement_11A_5240_Ant1



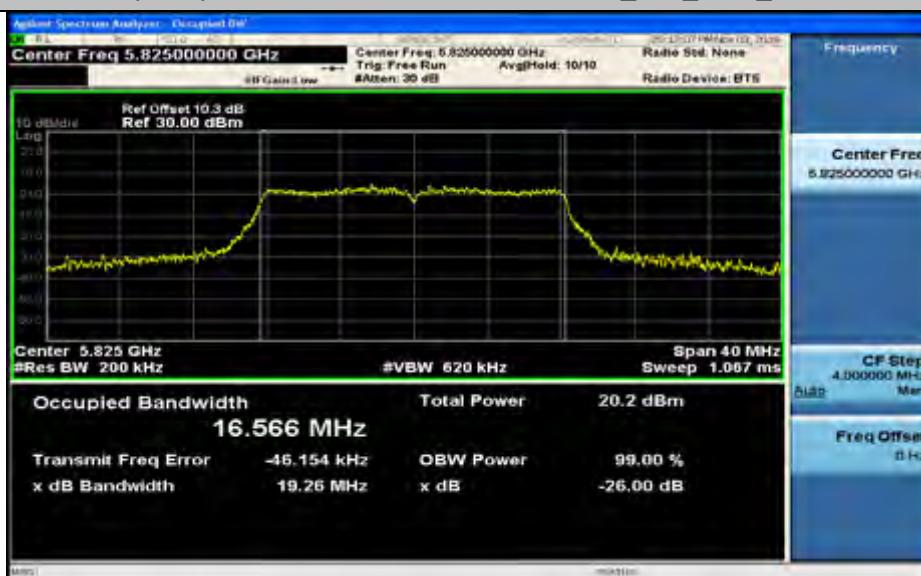
(26dB)Emission Bandwidth Measurement_11A_5745_Ant1



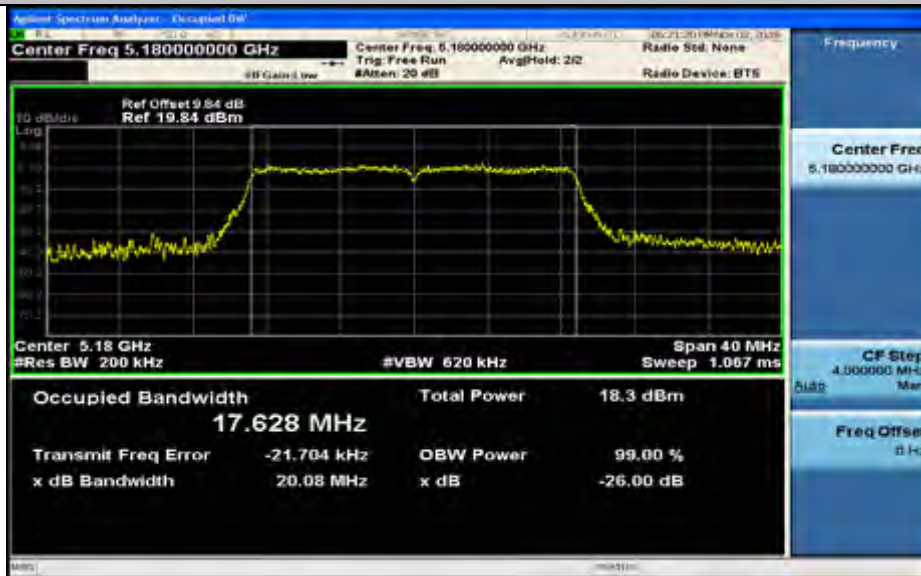
(26dB)Emission Bandwidth Measurement_11A_5785_Ant1



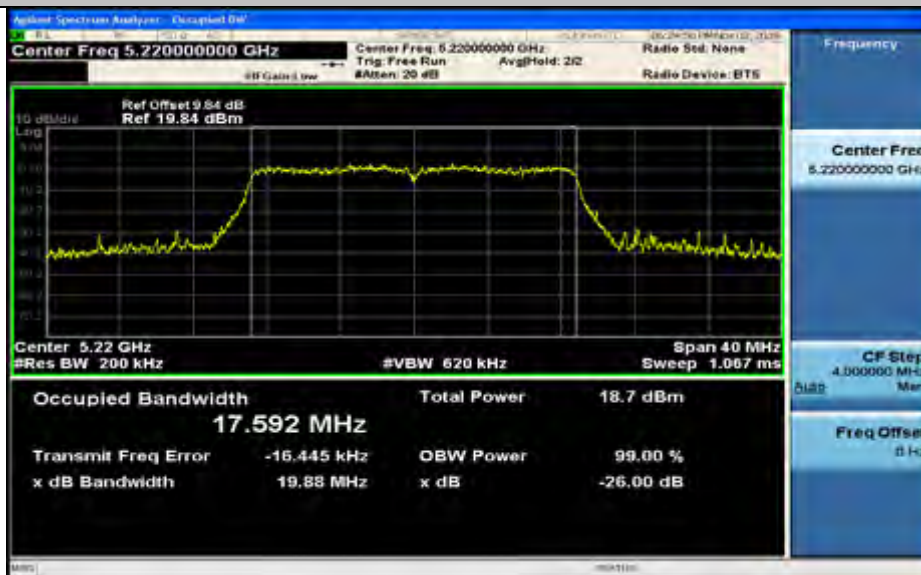
(26dB)Emission Bandwidth Measurement_11A_5825_Ant1



(26dB)Emission Bandwidth Measurement_11N20_5180_Ant1



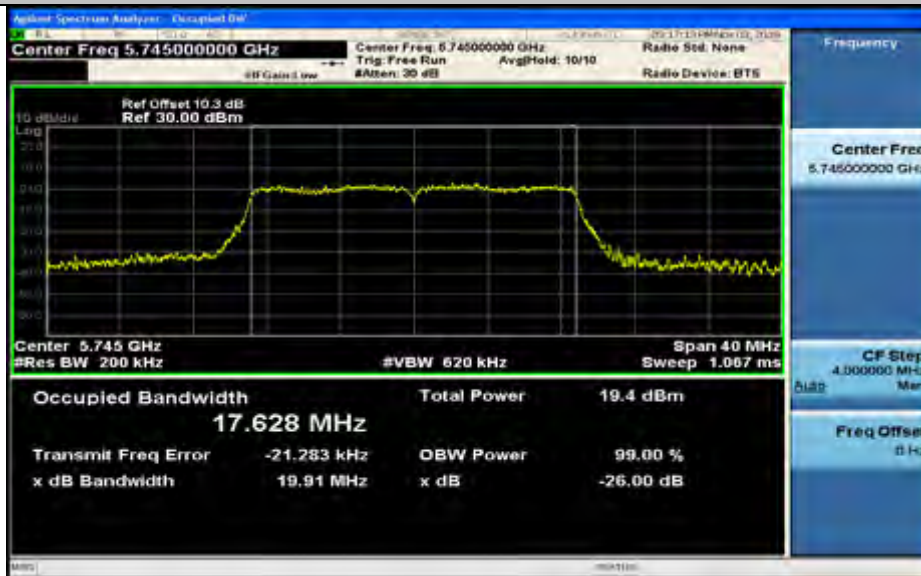
(26dB)Emission Bandwidth Measurement_11N20_5220_Ant1



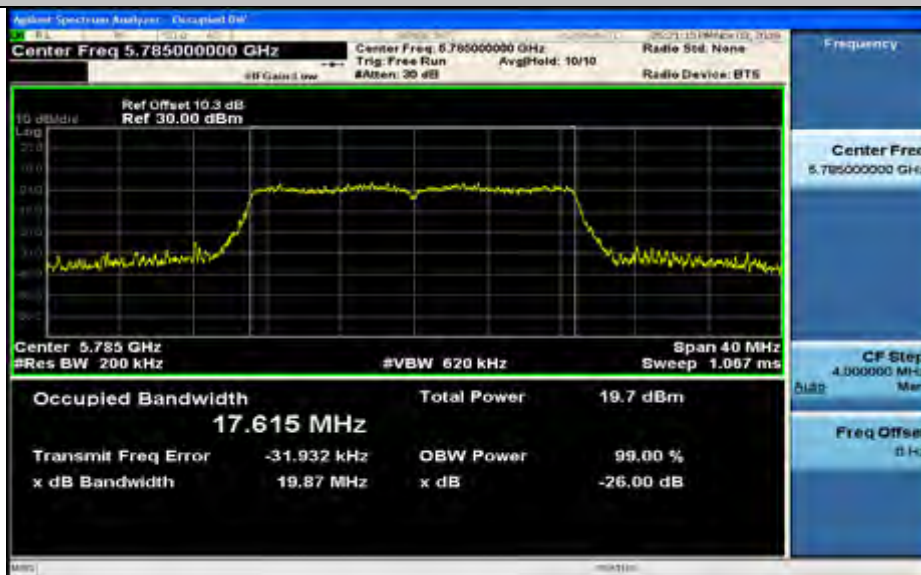
(26dB)Emission Bandwidth Measurement_11N20_5240_Ant1



(26dB)Emission Bandwidth Measurement_11N20_5745_Ant1



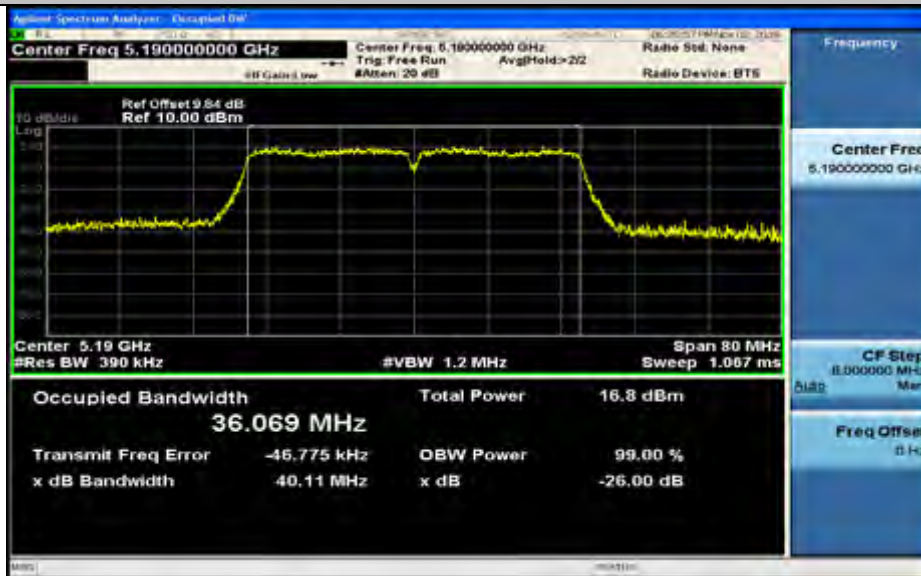
(26dB)Emission Bandwidth Measurement_11N20_5785_Ant1



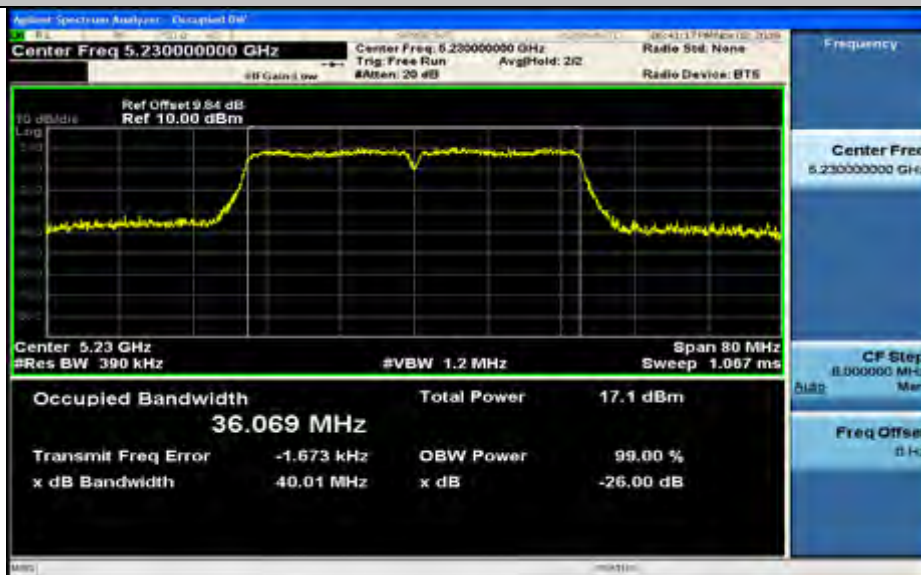
(26dB)Emission Bandwidth Measurement_11N20_5825_Ant1



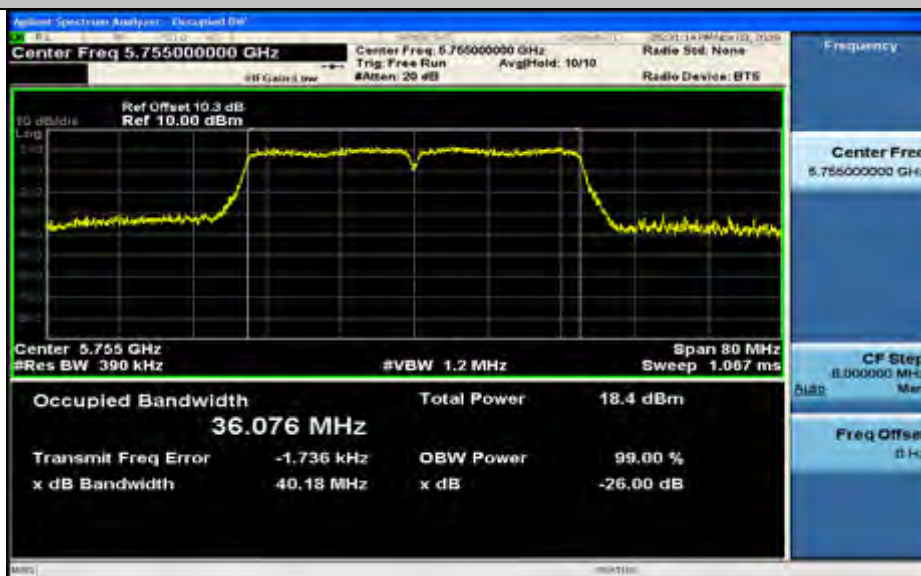
(26dB)Emission Bandwidth Measurement_11N40_5190_Ant1



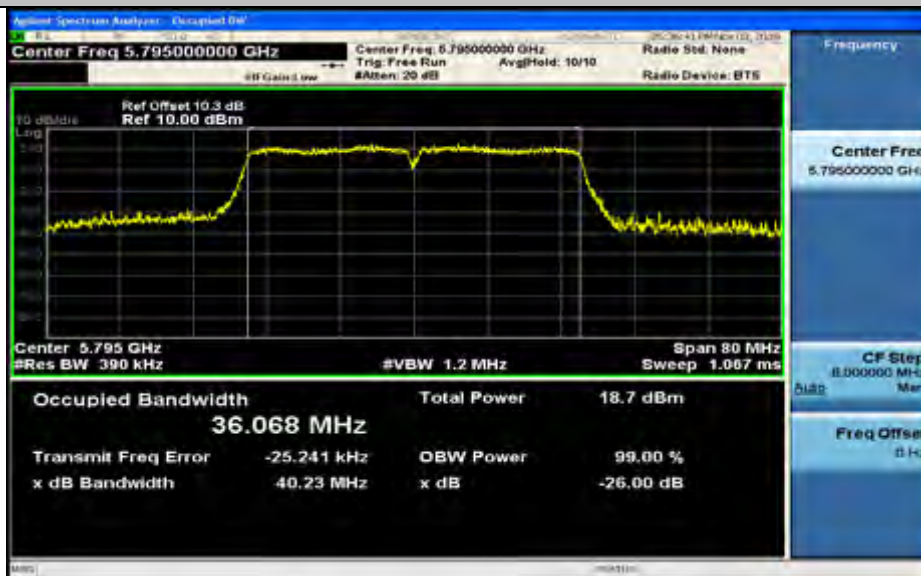
(26dB)Emission Bandwidth Measurement_11N40_5230_Ant1



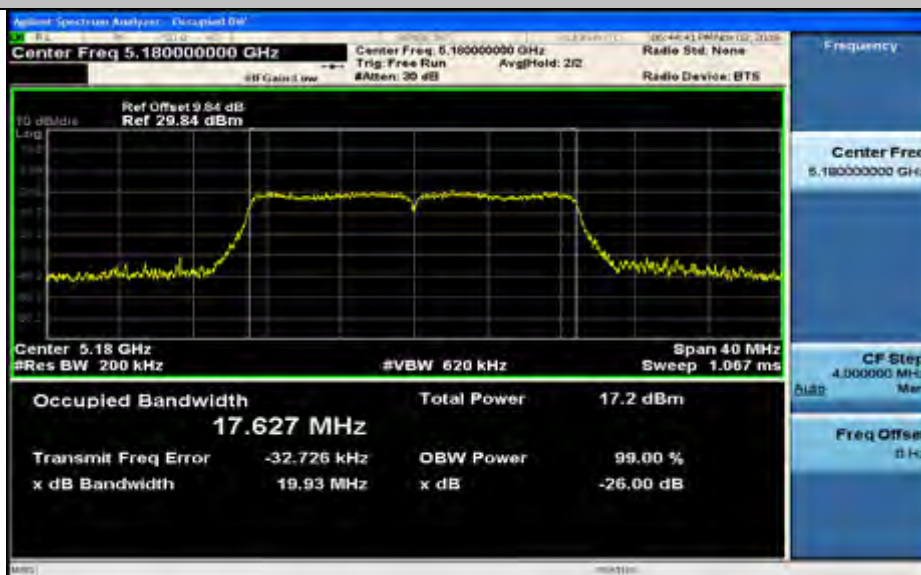
(26dB)Emission Bandwidth Measurement_11N40_5755_Ant1



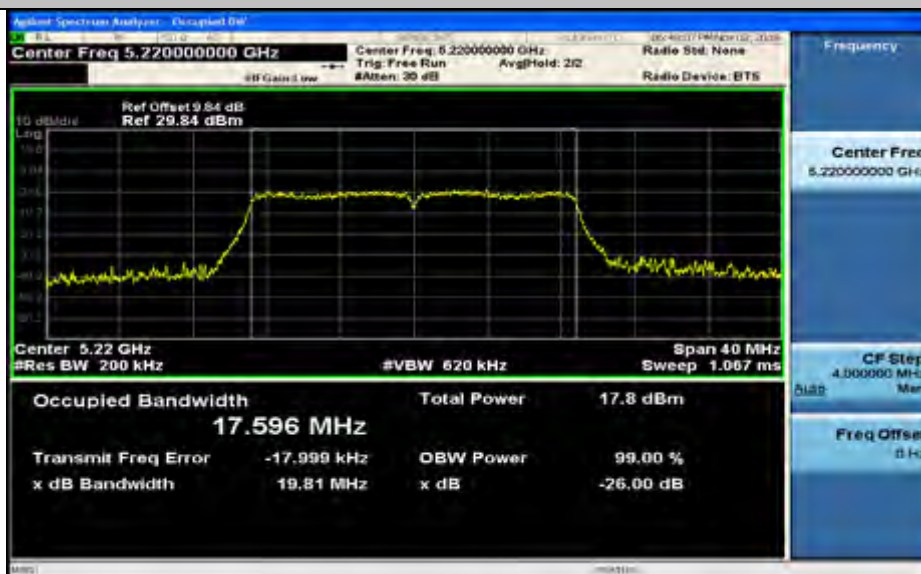
(26dB)Emission Bandwidth Measurement_11N40_5795_Ant1



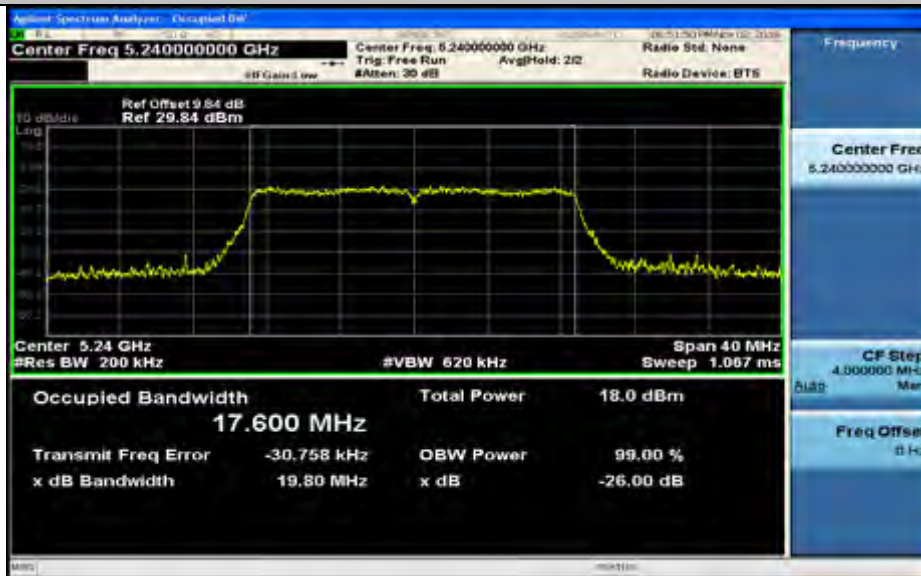
(26dB)Emission Bandwidth Measurement_11AC20_5180_Ant1



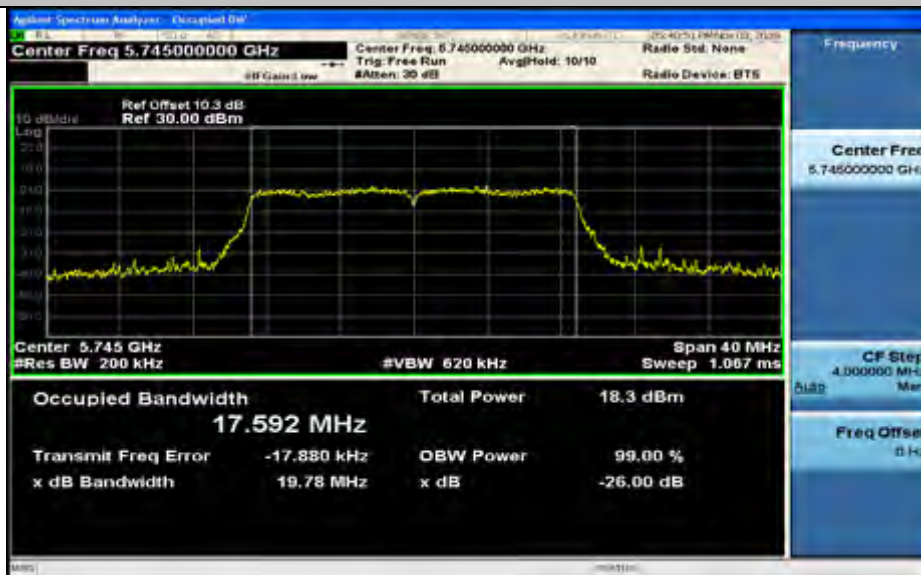
(26dB)Emission Bandwidth Measurement_11AC20_5220_Ant1



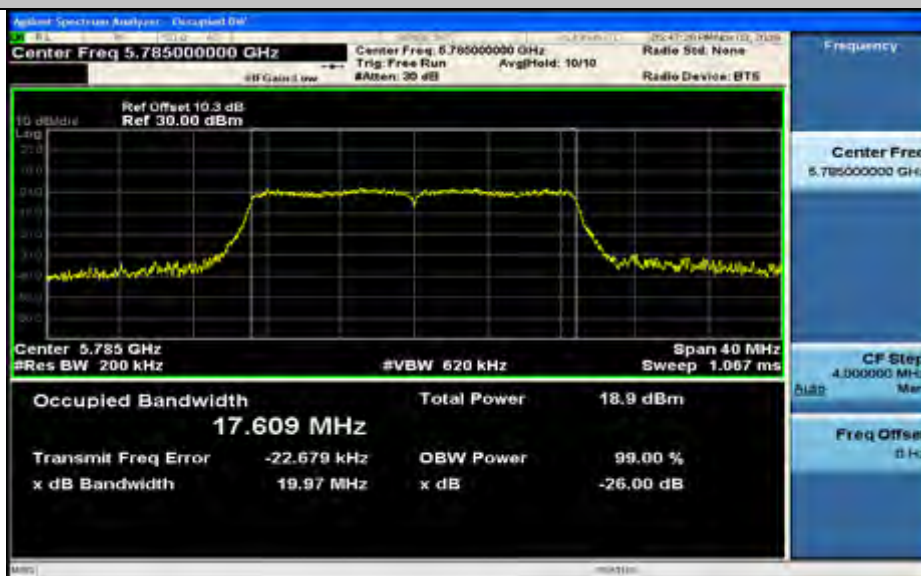
(26dB)Emission Bandwidth Measurement_11AC20_5240_Ant1



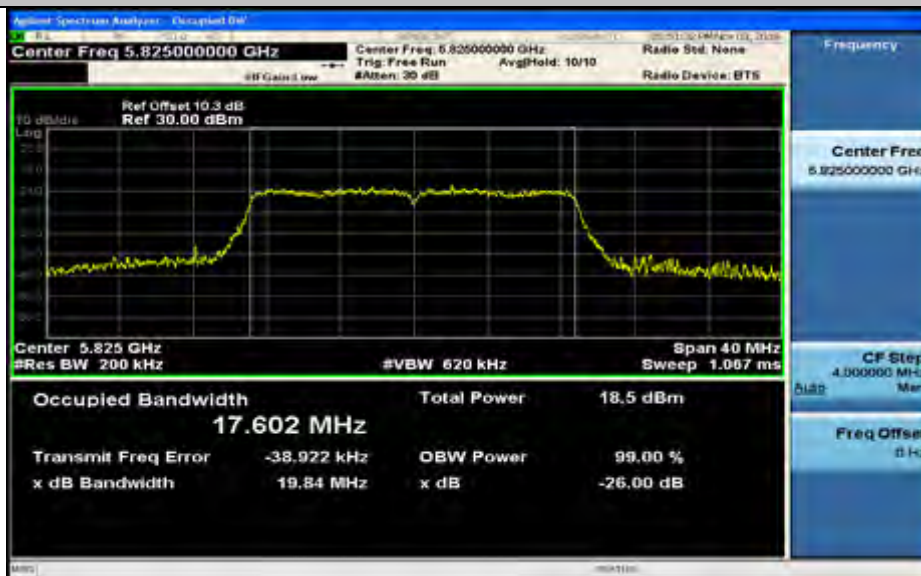
(26dB)Emission Bandwidth Measurement_11AC20_5745_Ant1



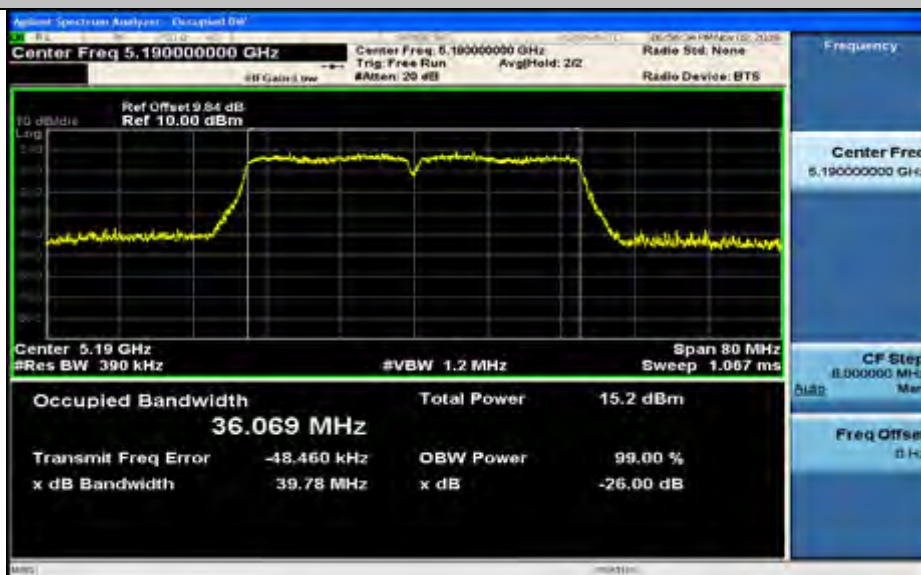
(26dB)Emission Bandwidth Measurement_11AC20_5785_Ant1



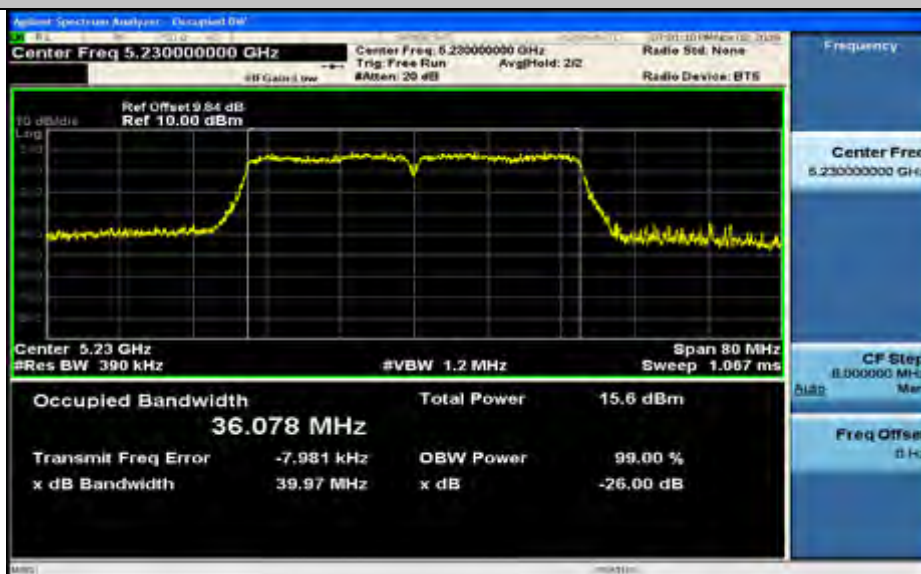
(26dB)Emission Bandwidth Measurement_11AC20_5825_Ant1



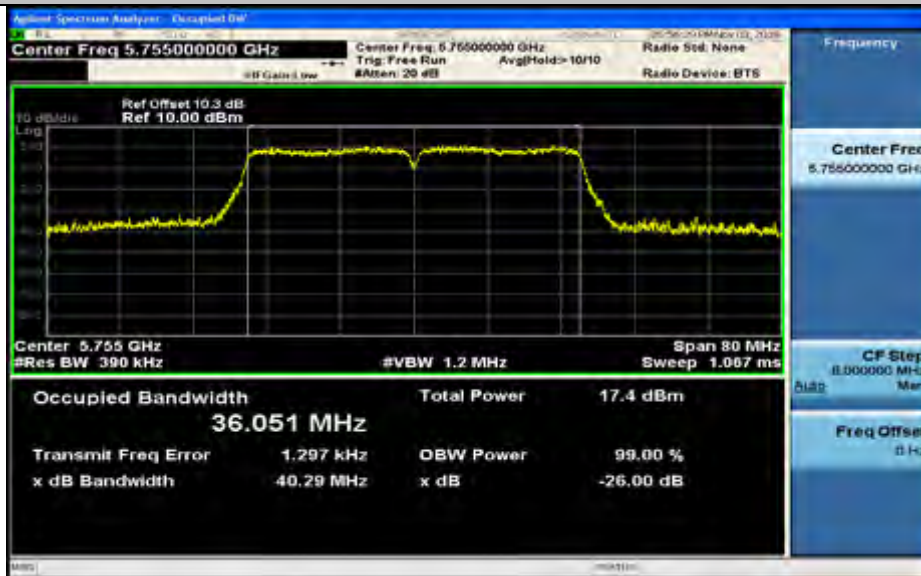
(26dB)Emission Bandwidth Measurement_11AC40_5190_Ant1



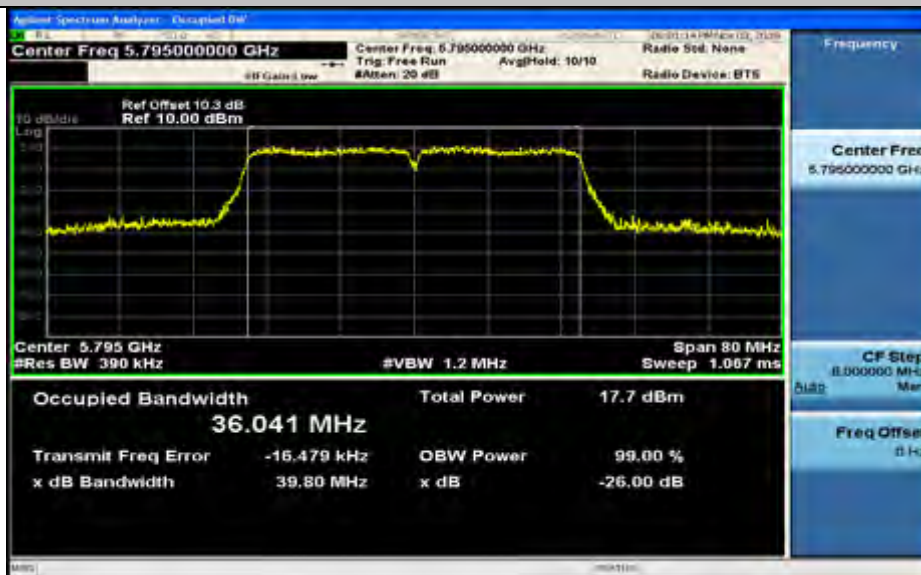
(26dB)Emission Bandwidth Measurement_11AC40_5230_Ant1



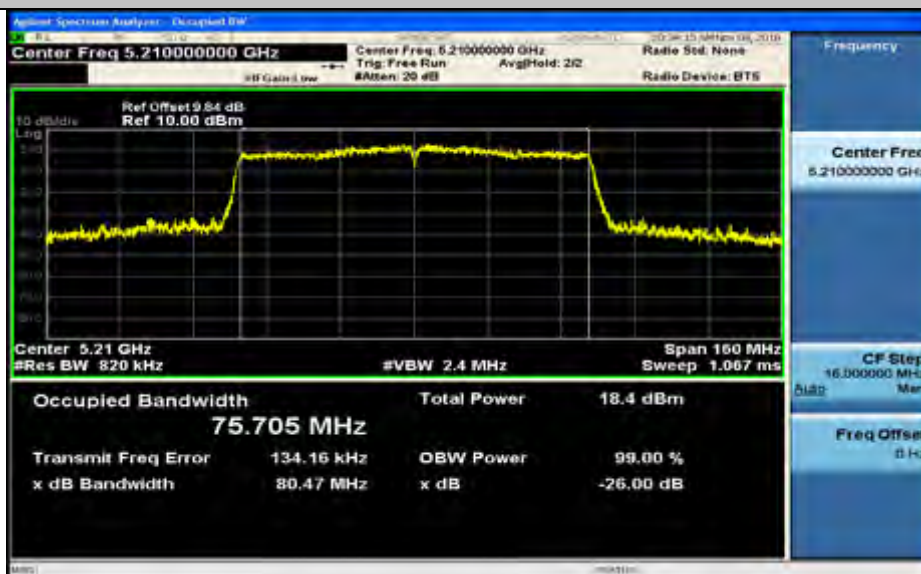
(26dB)Emission Bandwidth Measurement_11AC40_5755_Ant1



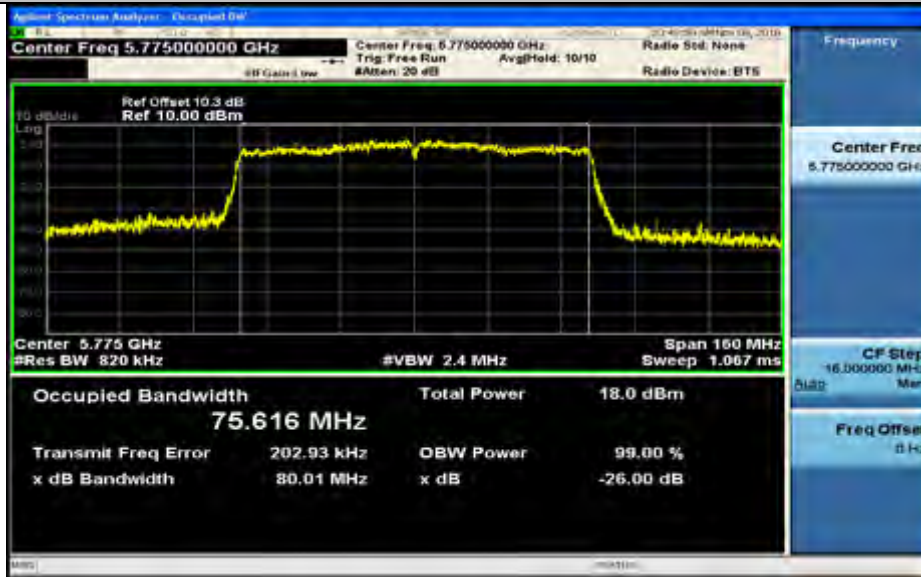
(26dB)Emission Bandwidth Measurement_11AC40_5795_Ant1



(26dB)Emission Bandwidth Measurement_11AC80_5210_Ant1



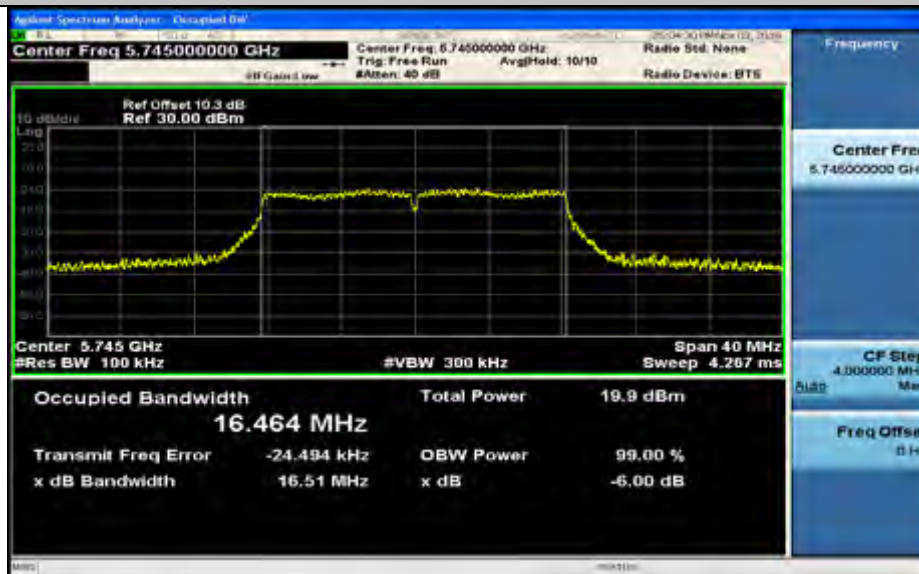
(26dB)Emission Bandwidth Measurement_11AC80_5775_Ant1



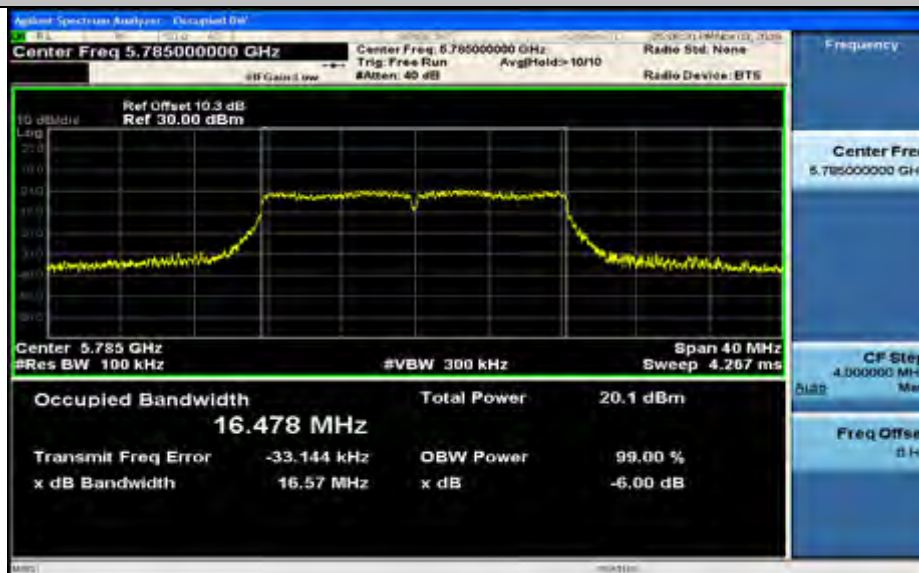
2.(6dB)Minimum Emission Bandwidth Measurement

Test Mode	Test Channel	Ant	(6dB)EBW[MHz]	Limit[MHz]	Verdict
11A	5745	Ant1	16.51	0.5	PASS
11A	5785	Ant1	16.57	0.5	PASS
11A	5825	Ant1	16.50	0.5	PASS
11N20	5745	Ant1	17.63	0.5	PASS
11N20	5785	Ant1	17.65	0.5	PASS
11N20	5825	Ant1	17.65	0.5	PASS
11N40	5755	Ant1	36.39	0.5	PASS
11N40	5795	Ant1	36.36	0.5	PASS
11AC20	5745	Ant1	17.69	0.5	PASS
11AC20	5785	Ant1	17.70	0.5	PASS
11AC20	5825	Ant1	17.67	0.5	PASS
11AC40	5755	Ant1	36.03	0.5	PASS
11AC40	5795	Ant1	36.39	0.5	PASS
11AC80	5775	Ant1	75.19	0.5	PASS

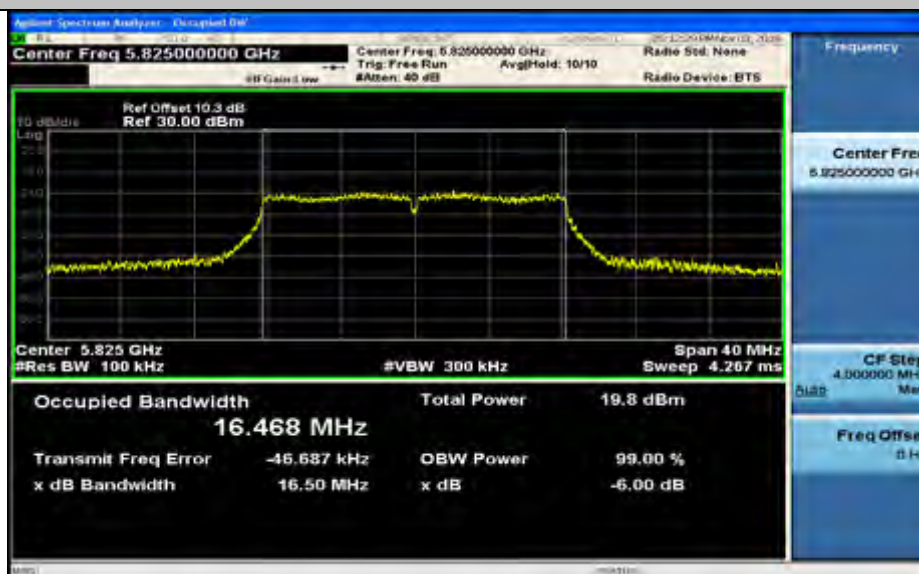
(6dB)Minimum Emission Bandwidth Measurement_11A_5745_Ant1



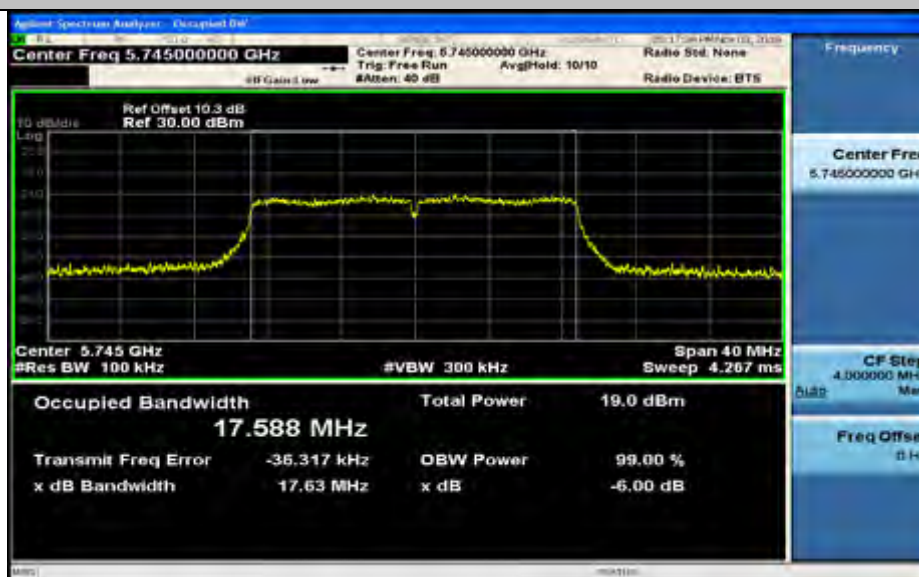
(6dB)Minimum Emission Bandwidth Measurement_11A_5785_Ant1



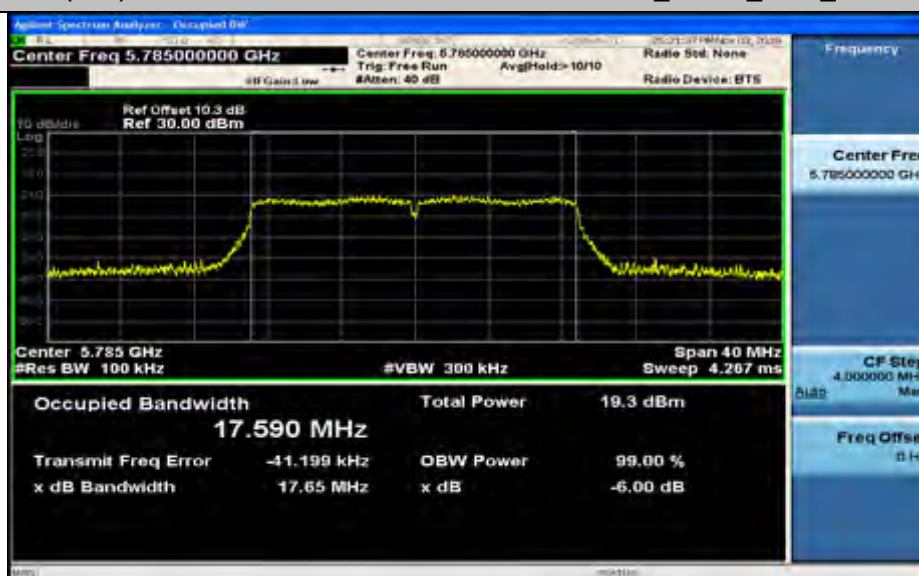
(6dB)Minimum Emission Bandwidth Measurement_11A_5825_Ant1



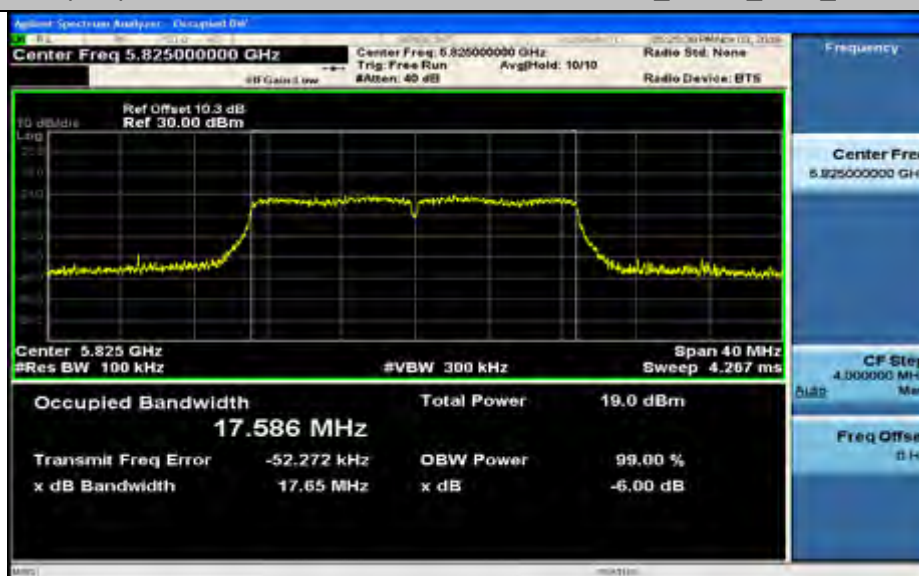
(6dB)Minimum Emission Bandwidth Measurement_11N20_5745_Ant1



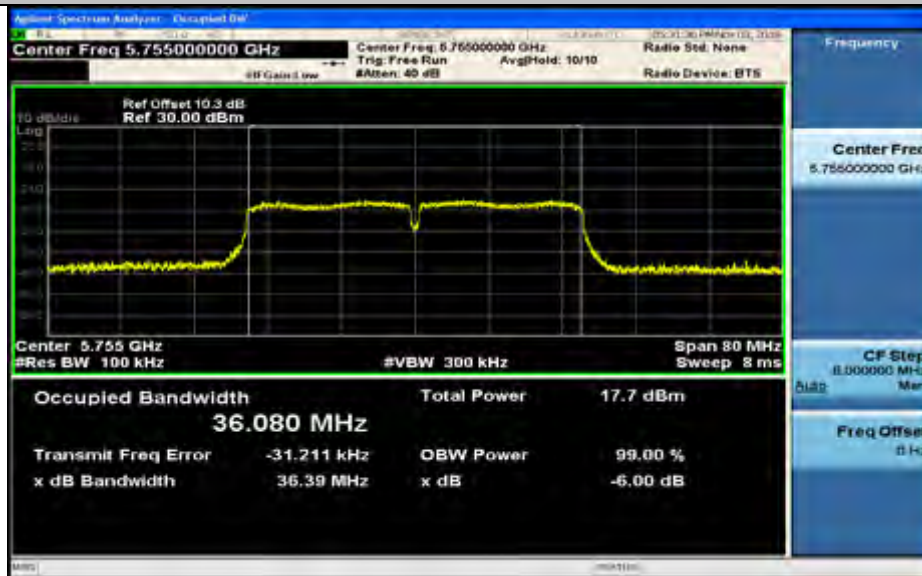
(6dB)Minimum Emission Bandwidth Measurement_11N20_5785_Ant1



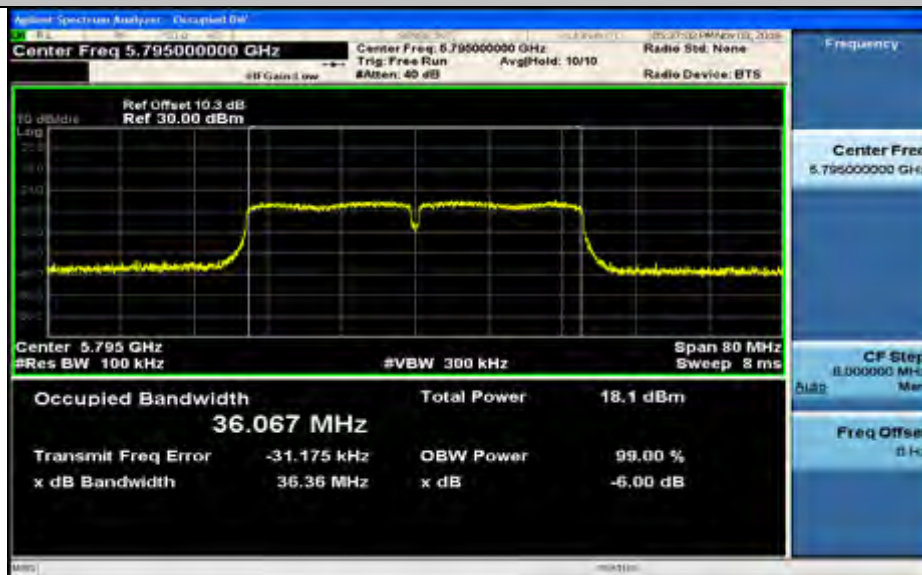
(6dB)Minimum Emission Bandwidth Measurement_11N20_5825_Ant1



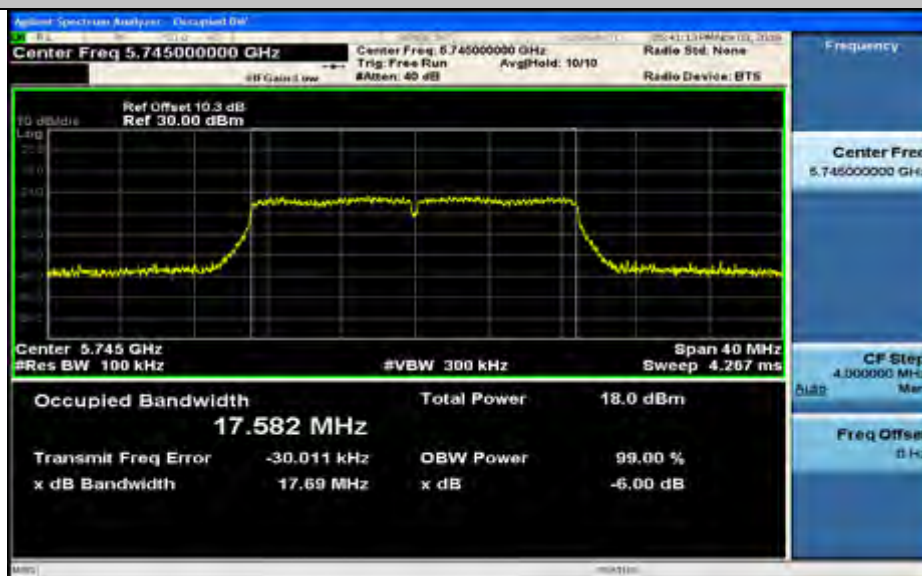
(6dB)Minimum Emission Bandwidth Measurement_11N40_5755_Ant1



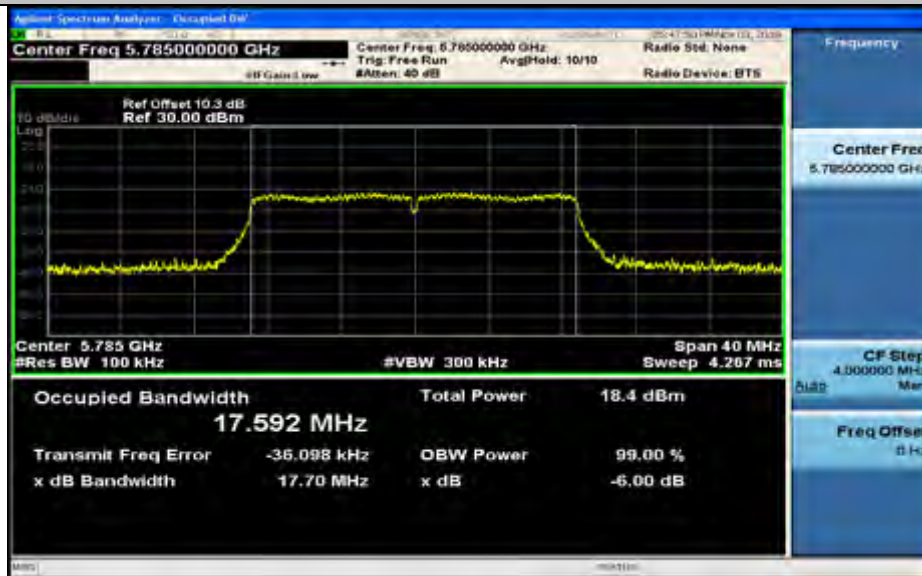
(6dB)Minimum Emission Bandwidth Measurement_11N40_5795_Ant1



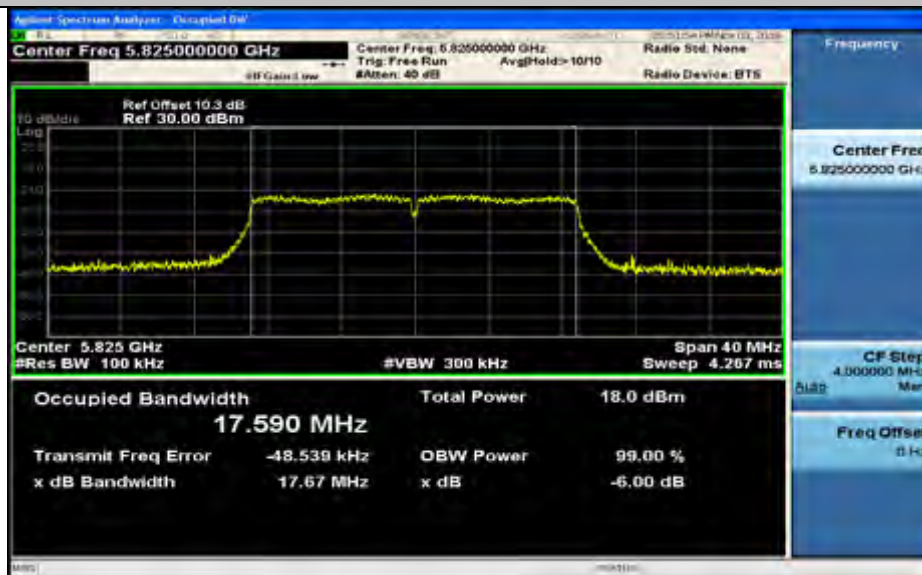
(6dB)Minimum Emission Bandwidth Measurement_11AC20_5745_Ant1



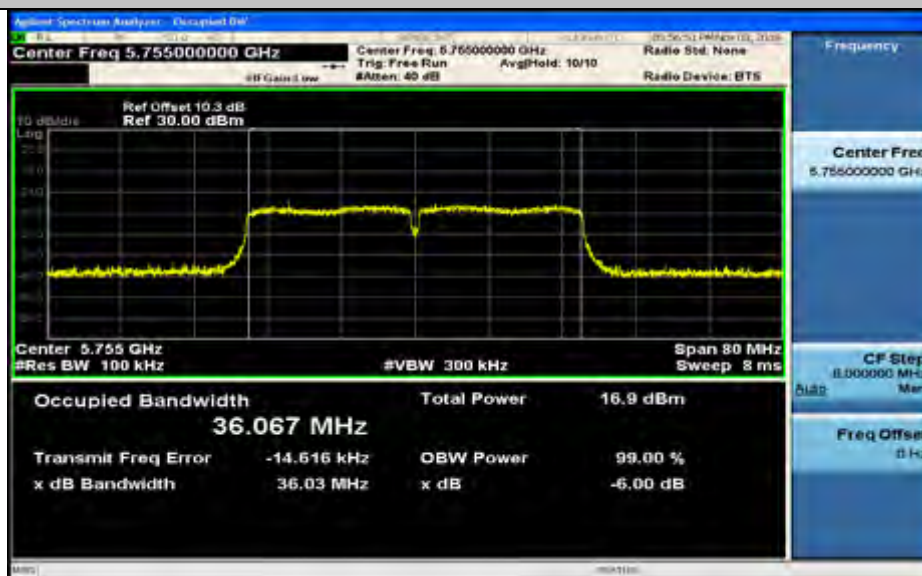
(6dB)Minimum Emission Bandwidth Measurement_11AC20_5785_Ant1



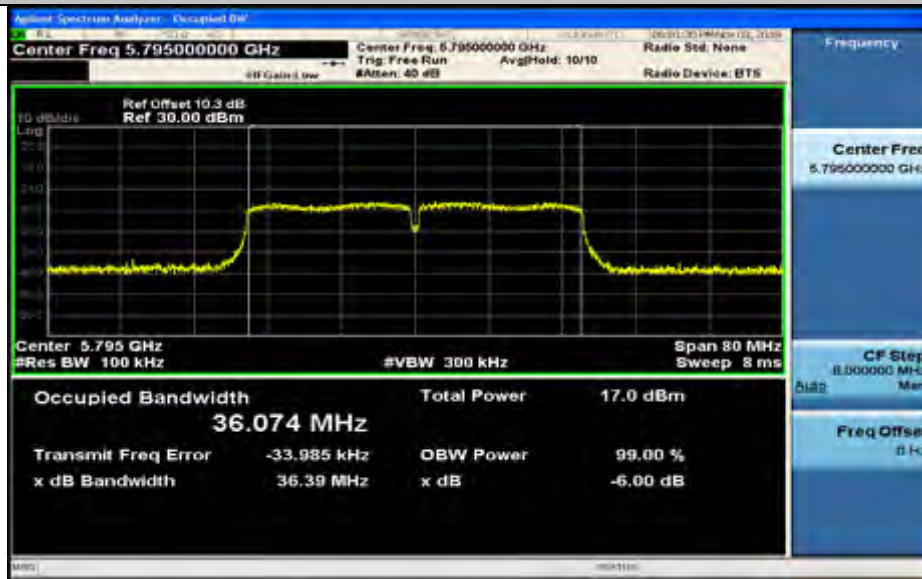
(6dB)Minimum Emission Bandwidth Measurement_11AC20_5825_Ant1



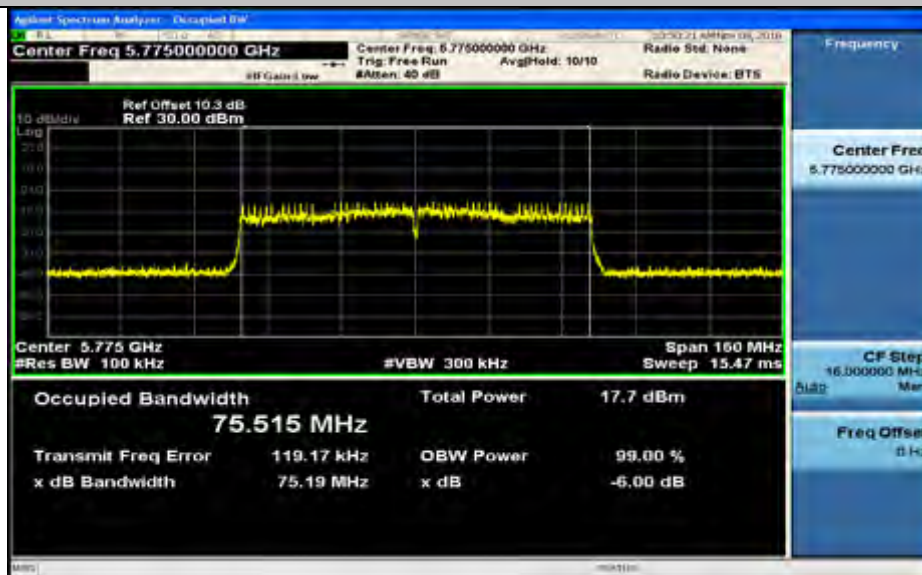
(6dB)Minimum Emission Bandwidth Measurement_11AC40_5755_Ant1



(6dB)Minimum Emission Bandwidth Measurement_11AC40_5795_Ant1



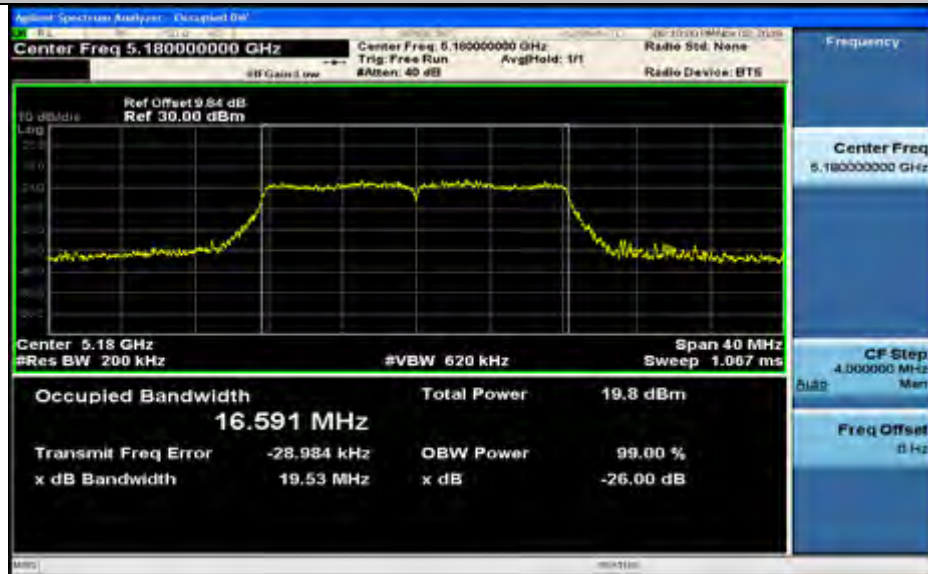
(6dB)Minimum Emission Bandwidth Measurement_11AC80_5775_Ant1



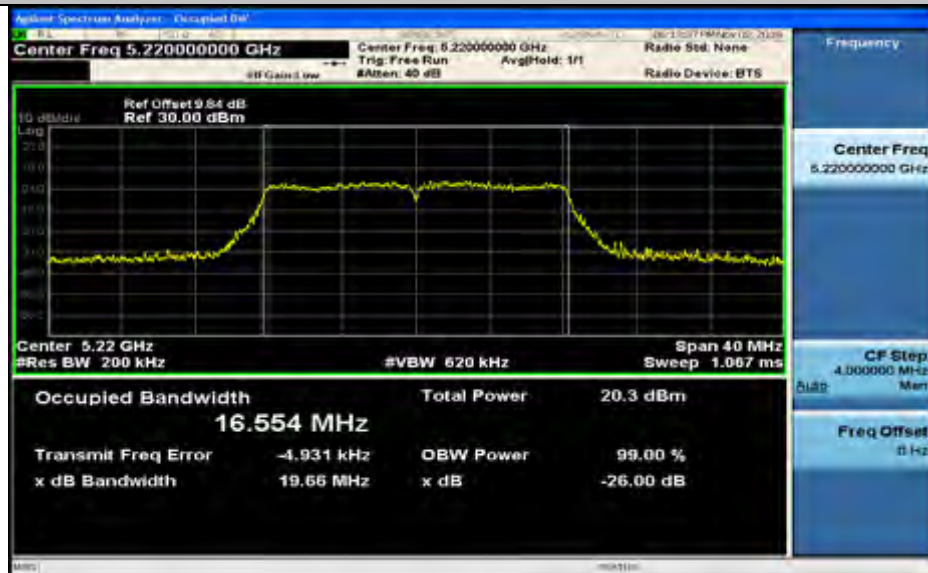
3.Occupied Bandwidth Measurement

Test Mode	Test Channel	Ant	OBW[MHz]	Limit[MHz]	Verdict
11A	5180	Ant1	16.59	---	PASS
11A	5220	Ant1	16.55	---	PASS
11A	5240	Ant1	16.58	---	PASS
11A	5745	Ant1	16.72	---	PASS
11A	5785	Ant1	16.69	---	PASS
11A	5825	Ant1	16.72	---	PASS
11N20	5180	Ant1	17.64	---	PASS
11N20	5220	Ant1	17.62	---	PASS
11N20	5240	Ant1	17.62	---	PASS
11N20	5745	Ant1	17.69	---	PASS
11N20	5785	Ant1	17.68	---	PASS
11N20	5825	Ant1	17.71	---	PASS
11N40	5190	Ant1	36.16	---	PASS
11N40	5230	Ant1	36.15	---	PASS
11N40	5755	Ant1	36.31	---	PASS
11N40	5795	Ant1	36.30	---	PASS
11AC20	5180	Ant1	17.62	---	PASS
11AC20	5220	Ant1	17.63	---	PASS
11AC20	5240	Ant1	17.61	---	PASS
11AC20	5745	Ant1	17.68	---	PASS
11AC20	5785	Ant1	17.66	---	PASS
11AC20	5825	Ant1	17.69	---	PASS
11AC40	5190	Ant1	36.17	---	PASS
11AC40	5230	Ant1	36.15	---	PASS
11AC40	5755	Ant1	36.28	---	PASS
11AC40	5795	Ant1	36.35	---	PASS
11AC80	5210	Ant1	75.81	---	PASS
11AC80	5775	Ant1	75.86	---	PASS

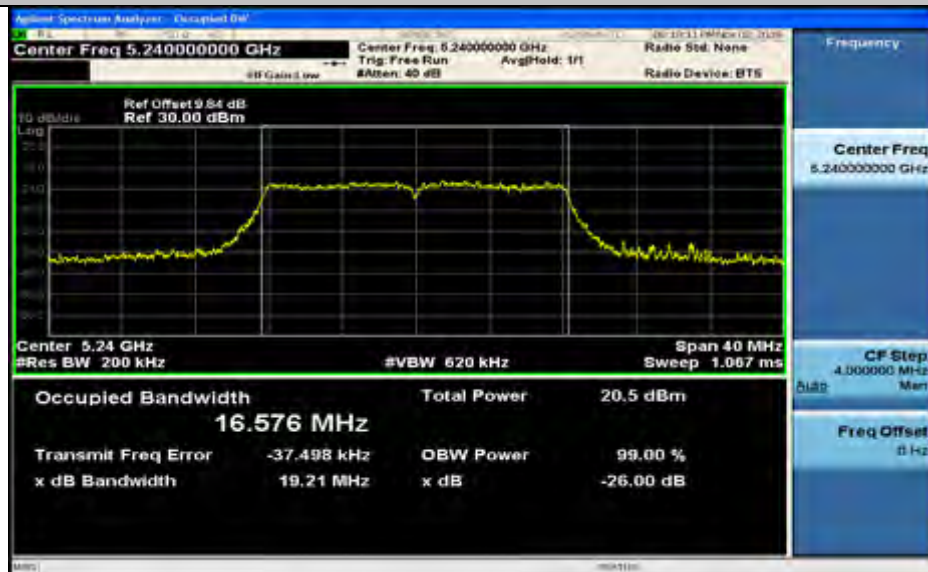
Occupied Bandwidth Measurement_11A_5180_Ant1



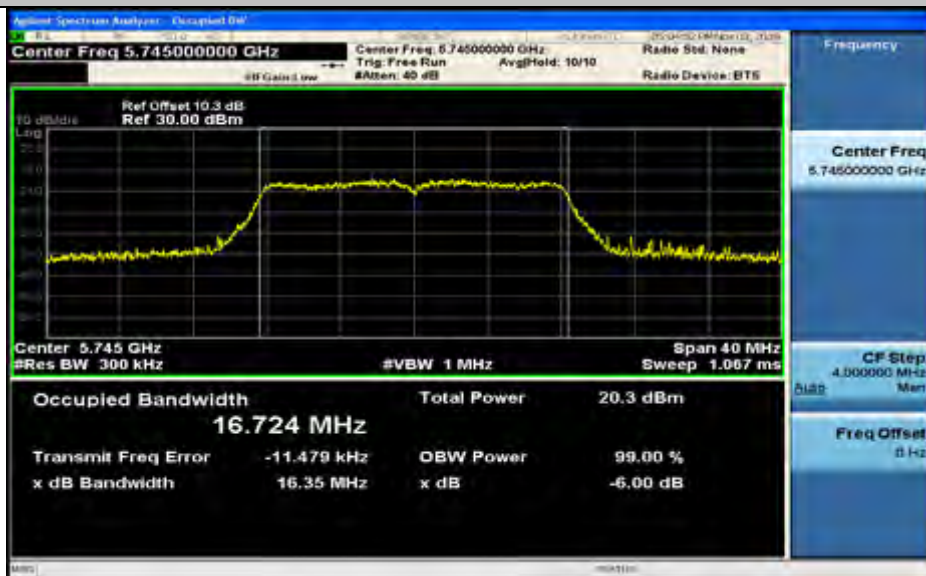
Occupied Bandwidth Measurement_11A_5220_Ant1



Occupied Bandwidth Measurement_11A_5240_Ant1



Occupied Bandwidth Measurement_11A_5745_Ant1



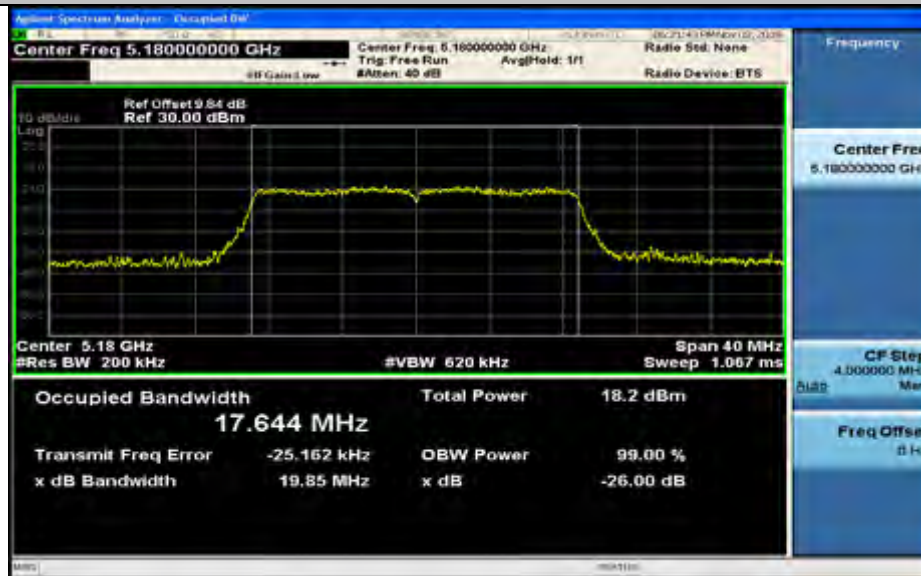
Occupied Bandwidth Measurement_11A_5785_Ant1



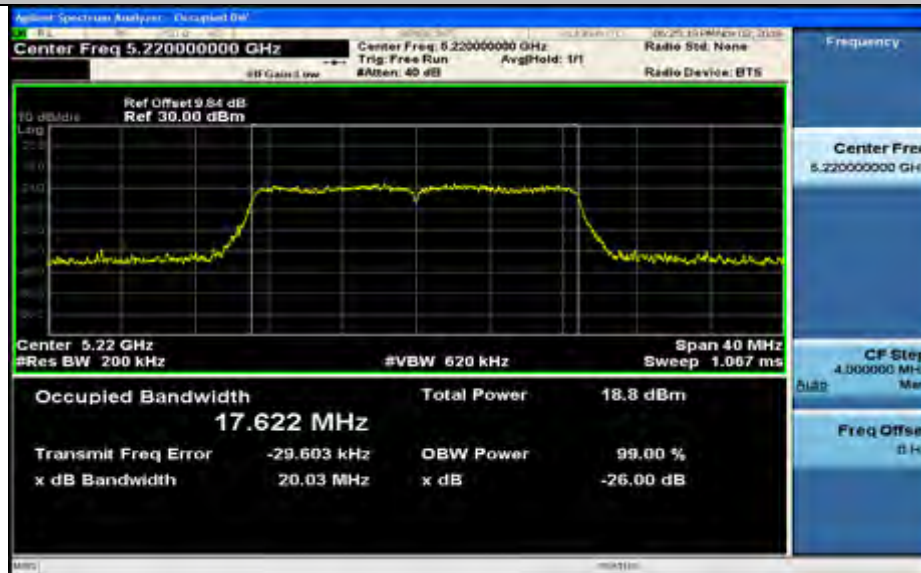
Occupied Bandwidth Measurement_11A_5825_Ant1



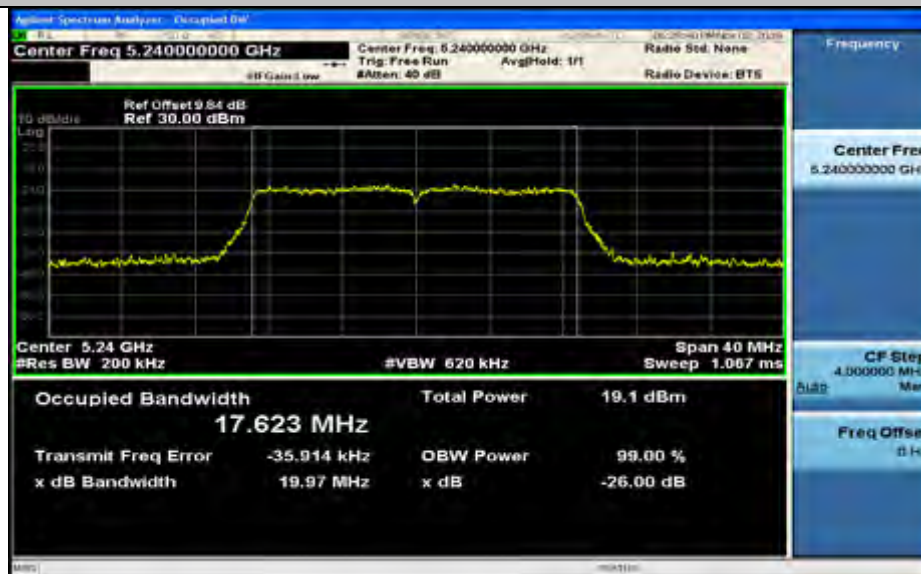
Occupied Bandwidth Measurement_11N20_5180_Ant1



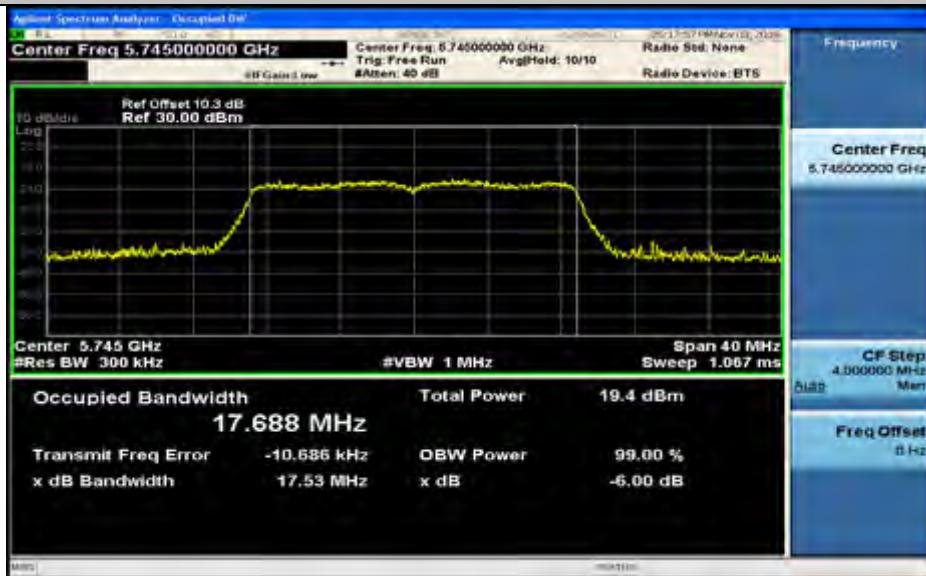
Occupied Bandwidth Measurement_11N20_5220_Ant1



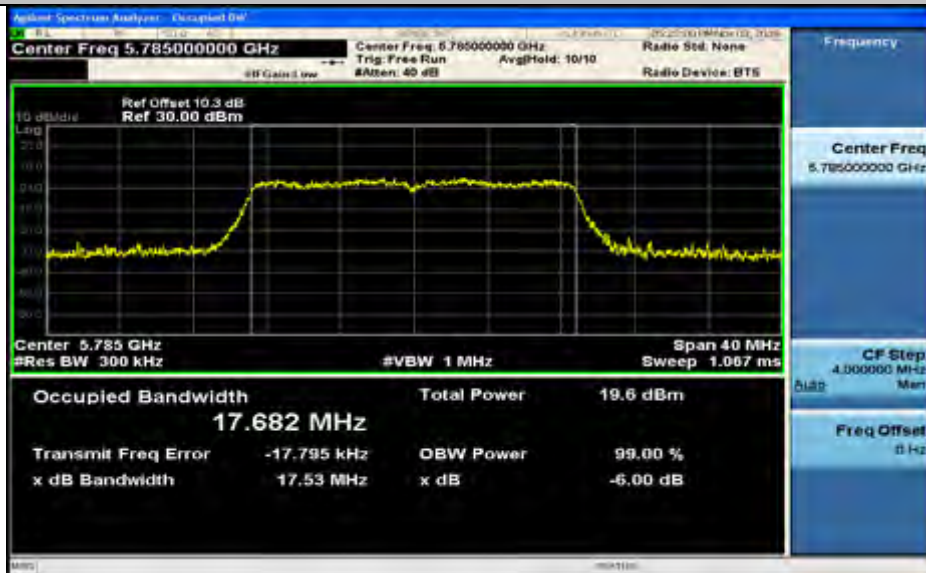
Occupied Bandwidth Measurement_11N20_5240_Ant1



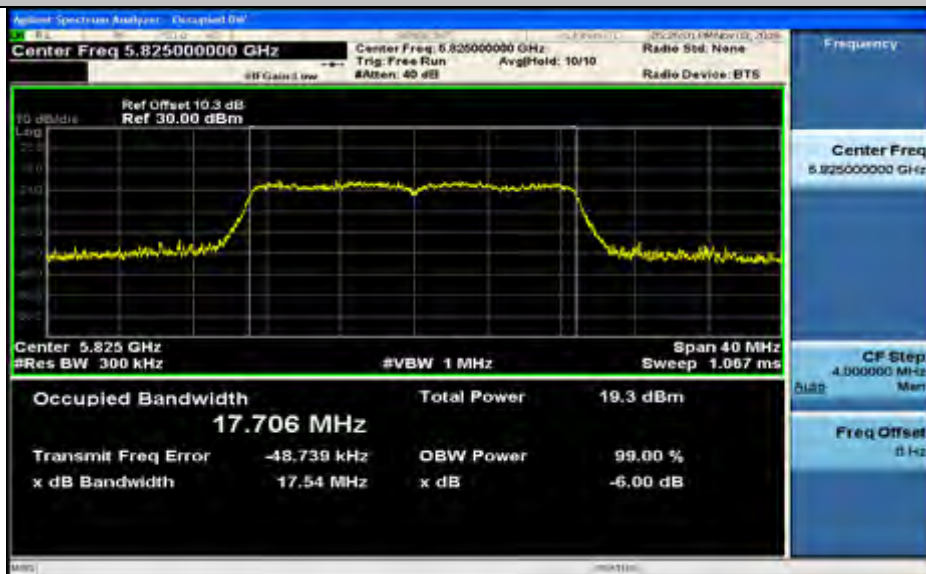
Occupied Bandwidth Measurement_11N20_5745_Ant1



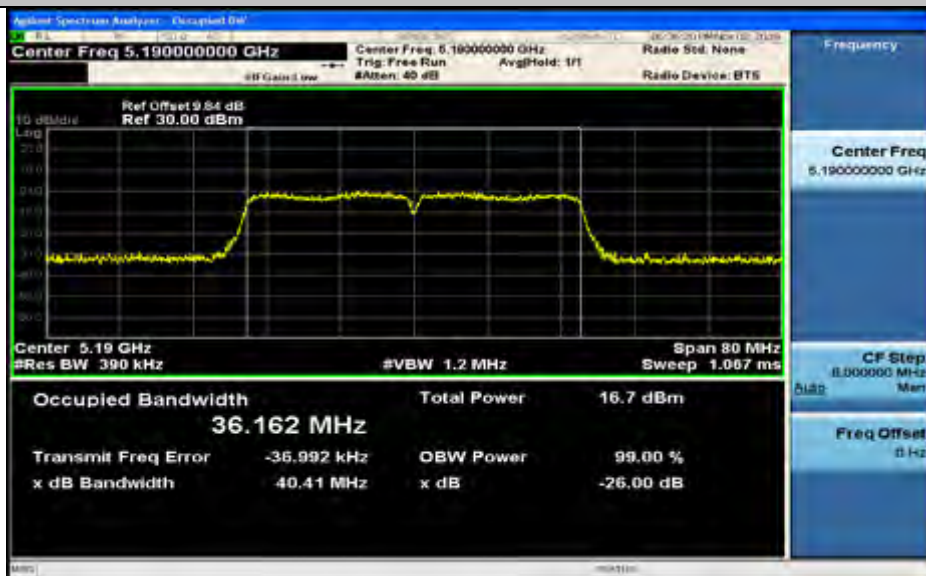
Occupied Bandwidth Measurement_11N20_5785_Ant1



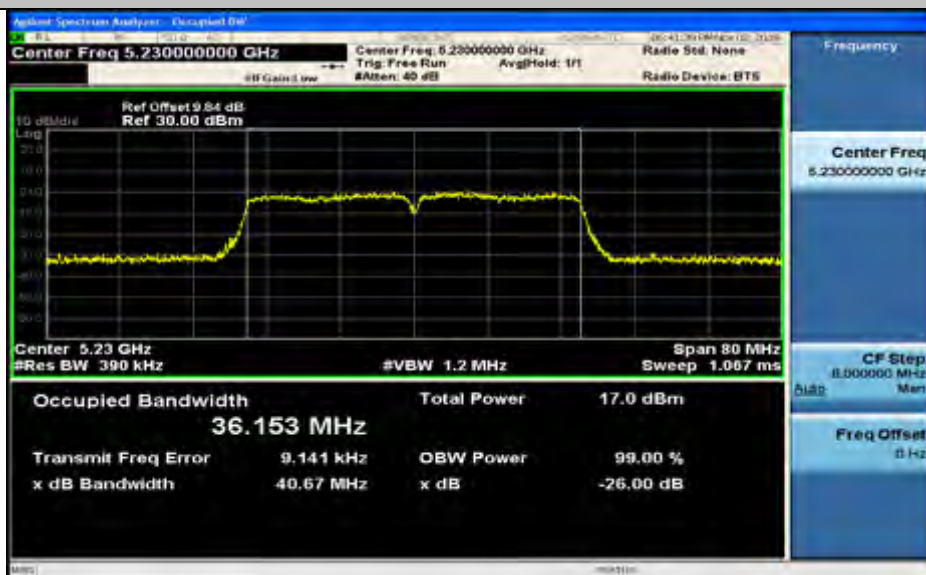
Occupied Bandwidth Measurement_11N20_5825_Ant1



Occupied Bandwidth Measurement_11N40_5190_Ant1



Occupied Bandwidth Measurement_11N40_5230_Ant1



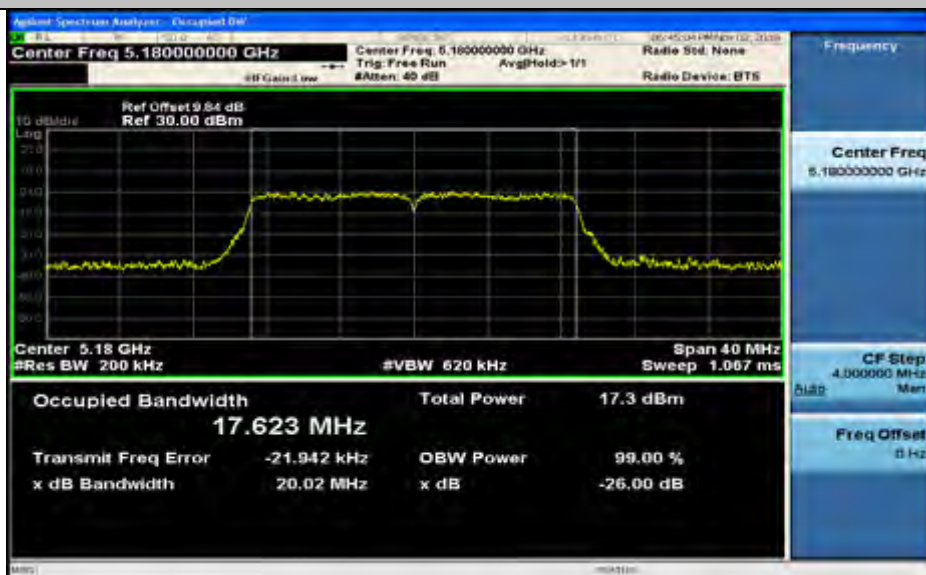
Occupied Bandwidth Measurement_11N40_5755_Ant1



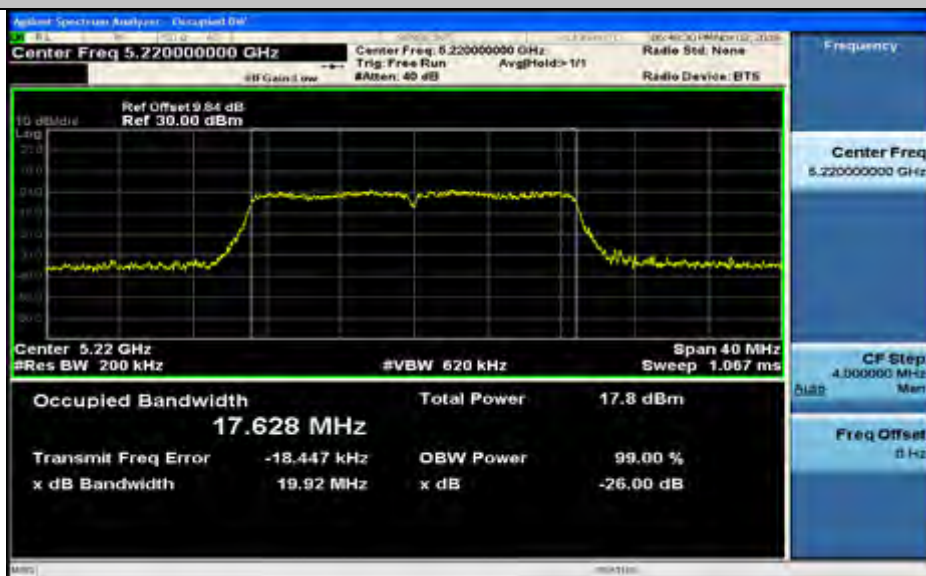
Occupied Bandwidth Measurement_11N40_5795_Ant1



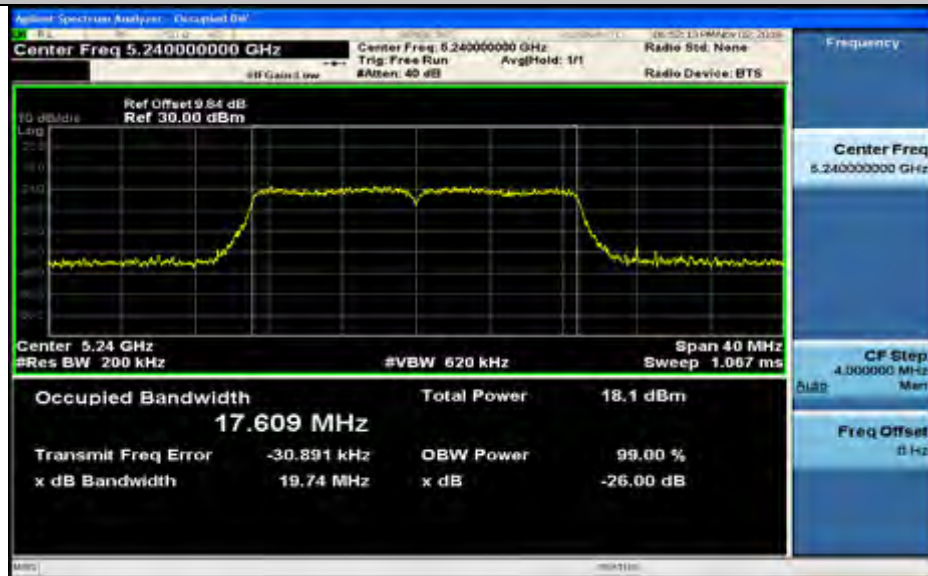
Occupied Bandwidth Measurement_11AC20_5180_Ant1



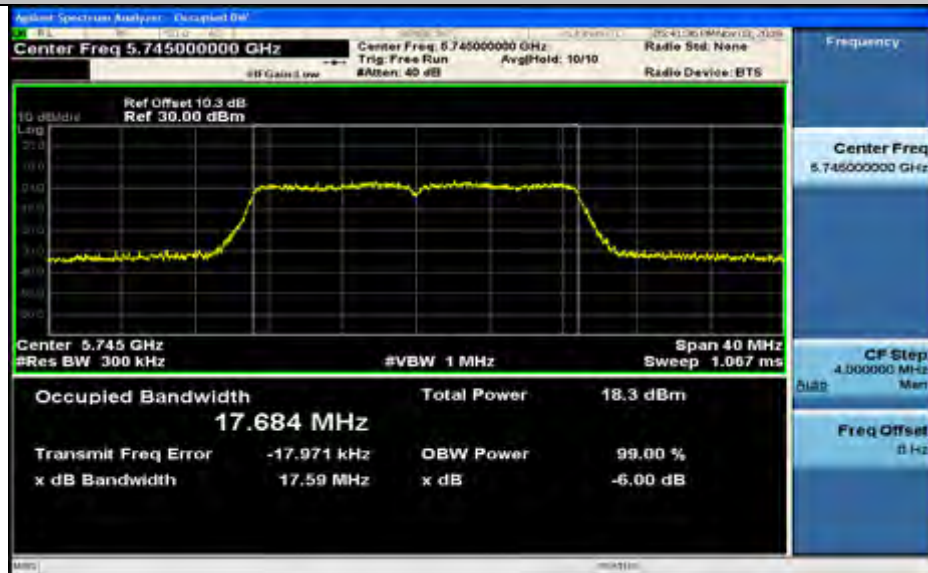
Occupied Bandwidth Measurement_11AC20_5220_Ant1



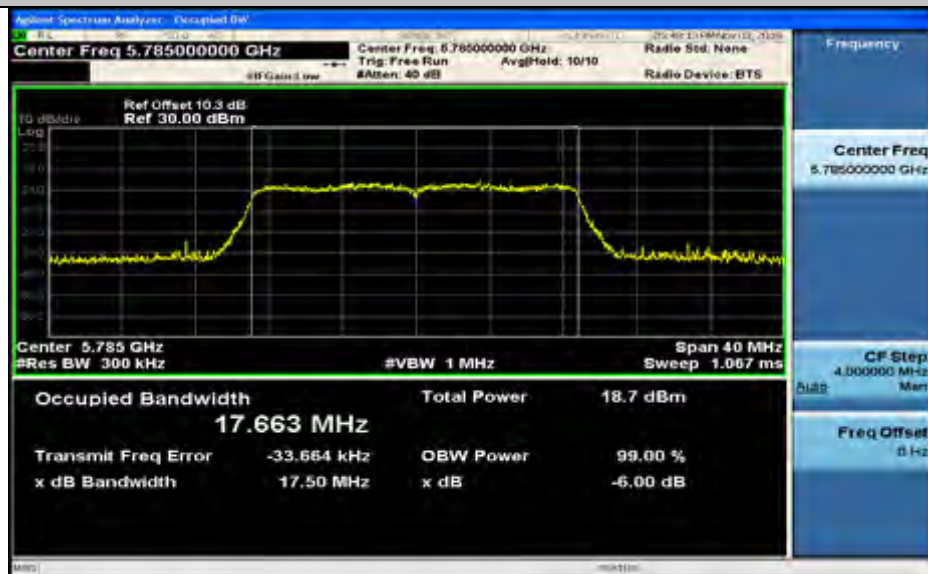
Occupied Bandwidth Measurement_11AC20_5240_Ant1



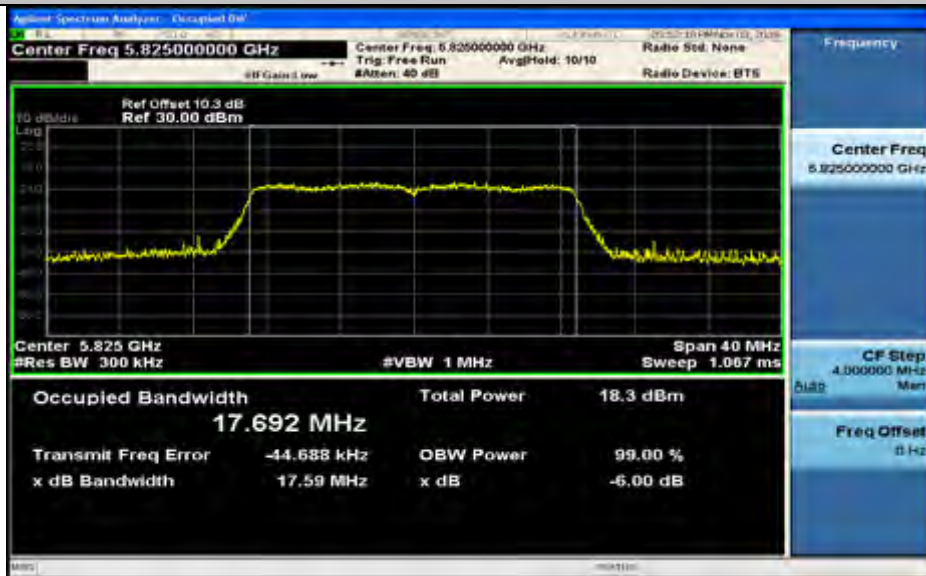
Occupied Bandwidth Measurement_11AC20_5745_Ant1



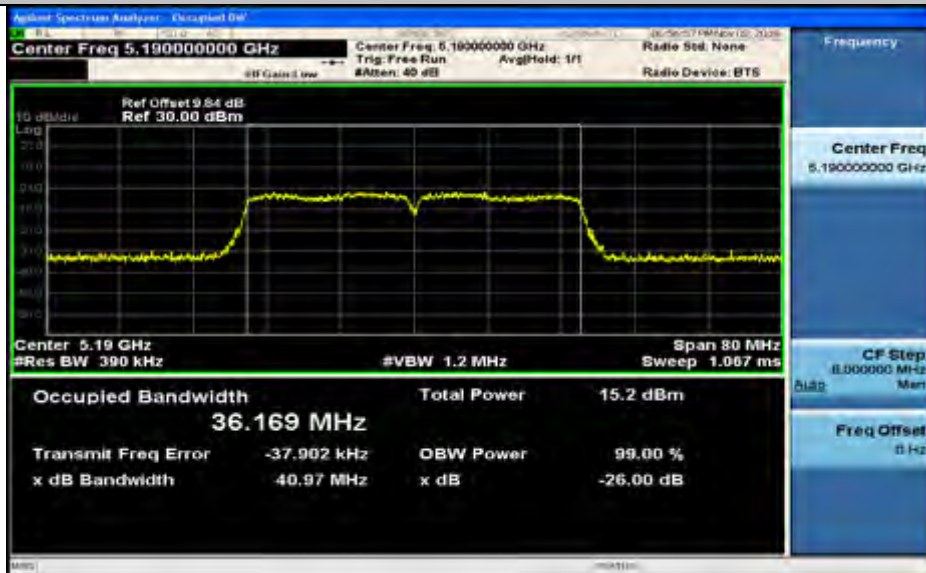
Occupied Bandwidth Measurement_11AC20_5785_Ant1



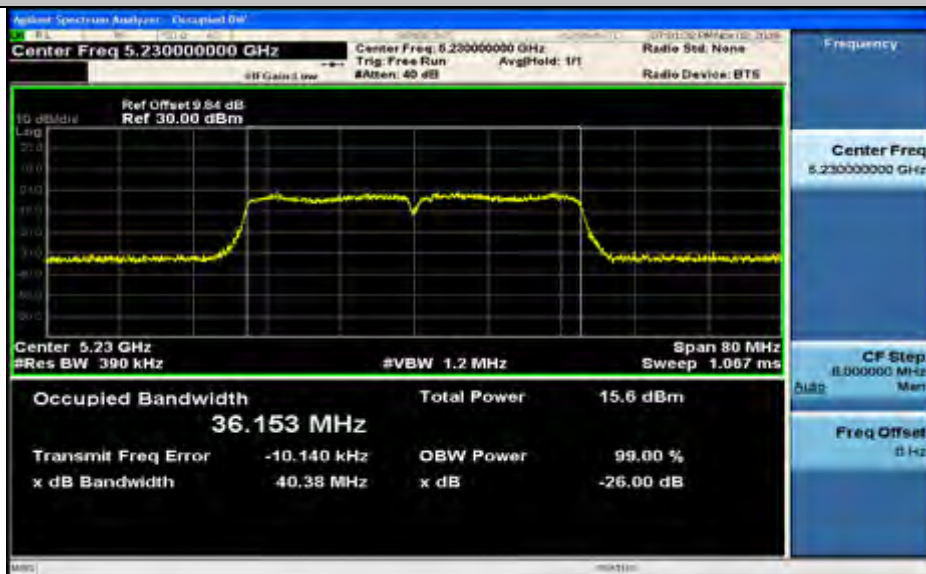
Occupied Bandwidth Measurement_11AC20_5825_Ant1



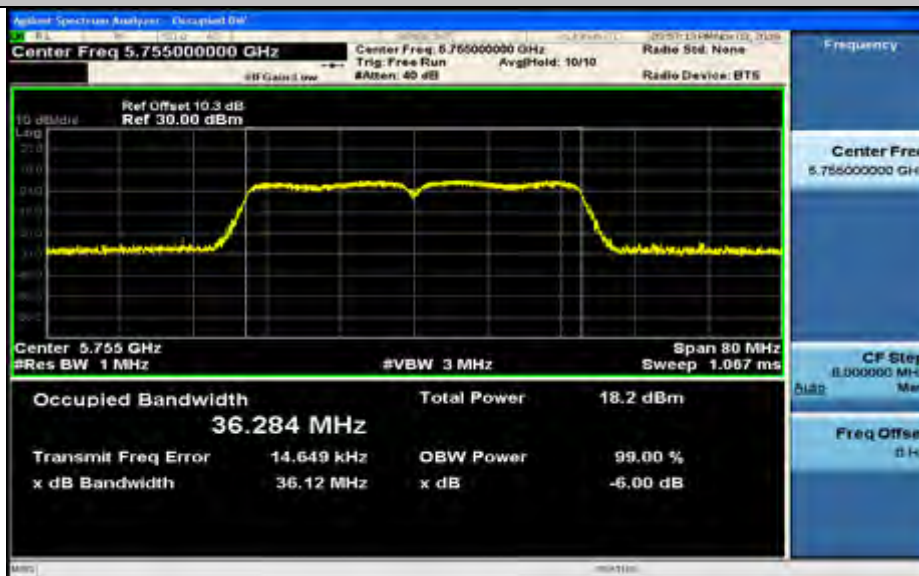
Occupied Bandwidth Measurement_11AC40_5190_Ant1



Occupied Bandwidth Measurement_11AC40_5230_Ant1



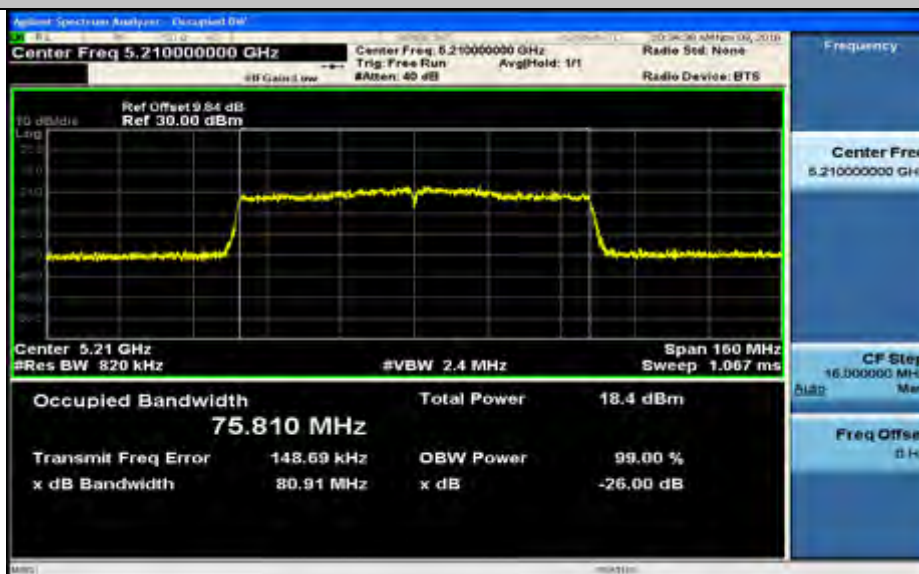
Occupied Bandwidth Measurement_11AC40_5755_Ant1



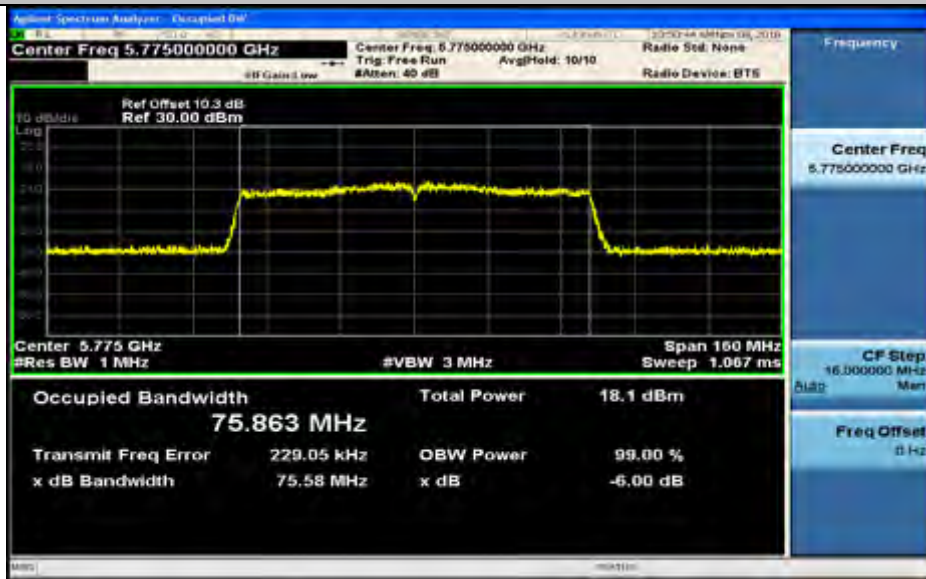
Occupied Bandwidth Measurement_11AC40_5795_Ant1



Occupied Bandwidth Measurement_11AC80_5210_Ant1



Occupied Bandwidth Measurement_11AC80_5775_Ant1



4.Maximum Conduct Output Power For FCC

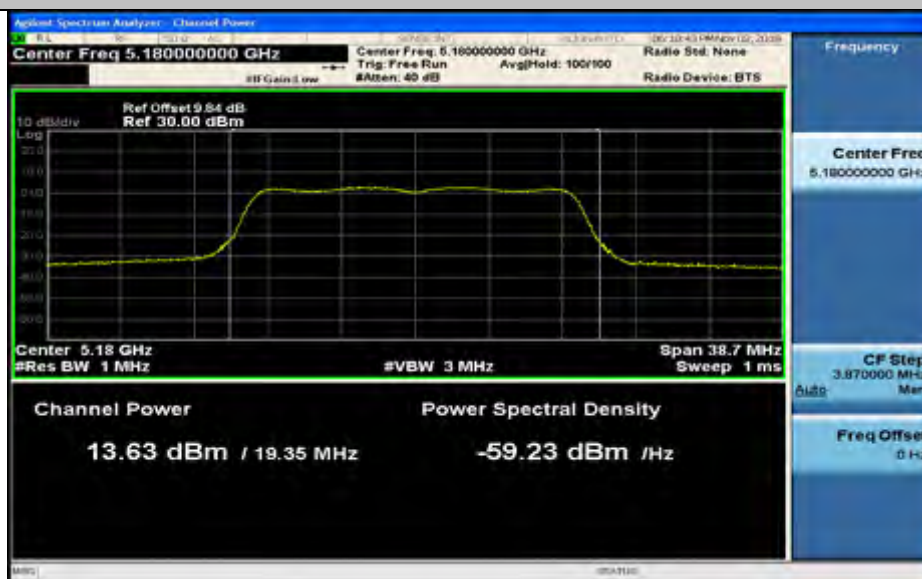
Test Mode	Test Channel	Ant	Level [dBm]	10log(1/x) Factor [dB]	Power [dBm]	Limit [dBm]	Verdict
11A	5180	Ant1	13.63	0.00	13.63	23.98	PASS
11A	5220	Ant1	14.14	0.00	14.14	23.98	PASS
11A	5240	Ant1	14.35	0.00	14.35	23.98	PASS
11A	5745	Ant1	13.98	0.00	13.98	30.00	PASS
11A	5785	Ant1	14.17	0.00	14.17	30.00	PASS
11A	5825	Ant1	13.79	0.00	13.79	30.00	PASS
11N20	5180	Ant1	11.91	0.00	11.91	23.98	PASS
11N20	5220	Ant1	12.69	0.00	12.69	23.98	PASS
11N20	5240	Ant1	13.05	0.00	13.05	23.98	PASS
11N20	5745	Ant1	13.1	0.00	13.1	30.00	PASS
11N20	5785	Ant1	13.41	0.00	13.41	30.00	PASS
11N20	5825	Ant1	13.11	0.00	13.11	30.00	PASS
11N40	5190	Ant1	10.66	0.00	10.66	23.98	PASS
11N40	5230	Ant1	10.81	0.00	10.81	23.98	PASS
11N40	5755	Ant1	12.03	0.00	12.03	30.00	PASS
11N40	5795	Ant1	12.35	0.00	12.35	30.00	PASS
11AC20	5180	Ant1	11.06	0.00	11.06	23.98	PASS
11AC20	5220	Ant1	11.65	0.00	11.65	23.98	PASS
11AC20	5240	Ant1	12.02	0.00	12.02	23.98	PASS
11AC20	5745	Ant1	12.09	0.00	12.09	30.00	PASS
11AC20	5785	Ant1	12.51	0.00	12.51	30.00	PASS
11AC20	5825	Ant1	12.14	0.00	12.14	30.00	PASS
11AC40	5190	Ant1	8.91	0.00	8.91	23.98	PASS
11AC40	5230	Ant1	9.43	0.00	9.43	23.98	PASS
11AC40	5755	Ant1	11.25	0.00	11.25	30.00	PASS
11AC40	5795	Ant1	11.36	0.00	11.36	30.00	PASS
11AC80	5210	Ant1	8.59	0.00	8.59	23.98	PASS
11AC80	5775	Ant1	8.04	0.00	8.04	30.00	PASS



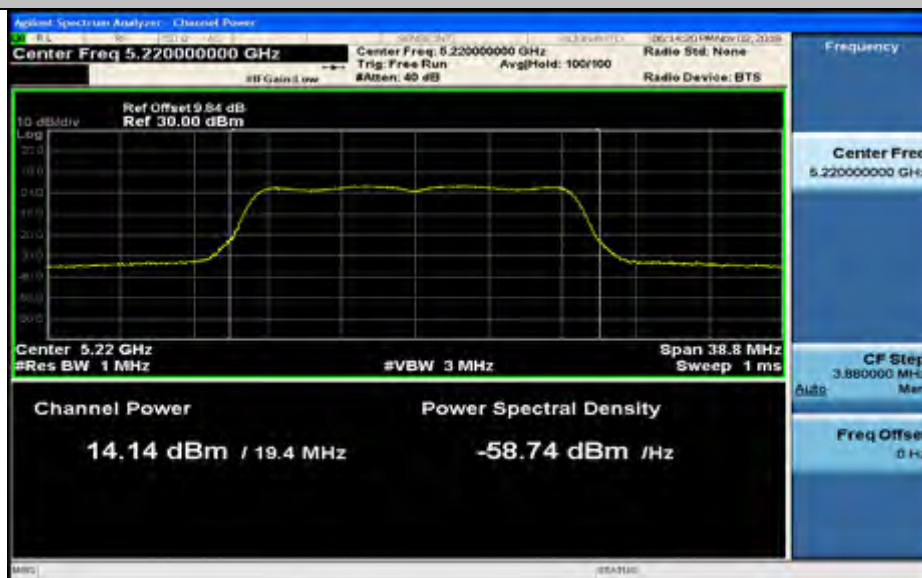
5.Maximum Output Power For ISED

Test Mode	Test Channel	Ant	Level [dBm]	10log(1/x) Factor [dB]	Power [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
11A	5180	Ant1	13.63	0.00	13.63	16.16	22.20	PASS
11A	5220	Ant1	14.14	0.00	14.14	16.67	22.19	PASS
11A	5240	Ant1	14.35	0.00	14.35	16.88	22.20	PASS
11A	5745	Ant1	13.98	0.00	13.98	N/A	30.00	PASS
11A	5785	Ant1	14.17	0.00	14.17	N/A	30.00	PASS
11A	5825	Ant1	13.79	0.00	13.79	N/A	30.00	PASS
11N20	5180	Ant1	11.91	0.00	11.91	14.44	22.46	PASS
11N20	5220	Ant1	12.69	0.00	12.69	15.22	22.46	PASS
11N20	5240	Ant1	13.05	0.00	13.05	15.58	22.46	PASS
11N20	5745	Ant1	13.1	0.00	13.1	N/A	30.00	PASS
11N20	5785	Ant1	13.41	0.00	13.41	N/A	30.00	PASS
11N20	5825	Ant1	13.11	0.00	13.11	N/A	30.00	PASS
11N40	5190	Ant1	10.66	0.00	10.66	13.19	23.98	PASS
11N40	5230	Ant1	10.81	0.00	10.81	13.34	23.98	PASS
11N40	5755	Ant1	12.03	0.00	12.03	N/A	30.00	PASS
11N40	5795	Ant1	12.35	0.00	12.35	N/A	30.00	PASS
11AC20	5180	Ant1	11.06	0.00	11.06	13.59	22.46	PASS
11AC20	5220	Ant1	11.65	0.00	11.65	14.18	22.46	PASS
11AC20	5240	Ant1	12.02	0.00	12.02	14.55	22.46	PASS
11AC20	5745	Ant1	12.09	0.00	12.09	N/A	30.00	PASS
11AC20	5785	Ant1	12.51	0.00	12.51	N/A	30.00	PASS
11AC20	5825	Ant1	12.14	0.00	12.14	N/A	30.00	PASS
11AC40	5190	Ant1	8.91	0.00	8.91	11.44	23.98	PASS
11AC40	5230	Ant1	9.43	0.00	9.43	11.96	23.98	PASS
11AC40	5755	Ant1	11.25	0.00	11.25	N/A	30.00	PASS
11AC40	5795	Ant1	11.36	0.00	11.36	N/A	30.00	PASS
11AC80	5210	Ant1	8.59	0.00	8.59	11.12	23.98	PASS
11AC80	5775	Ant1	8.04	0.00	8.04	N/A	30.00	PASS

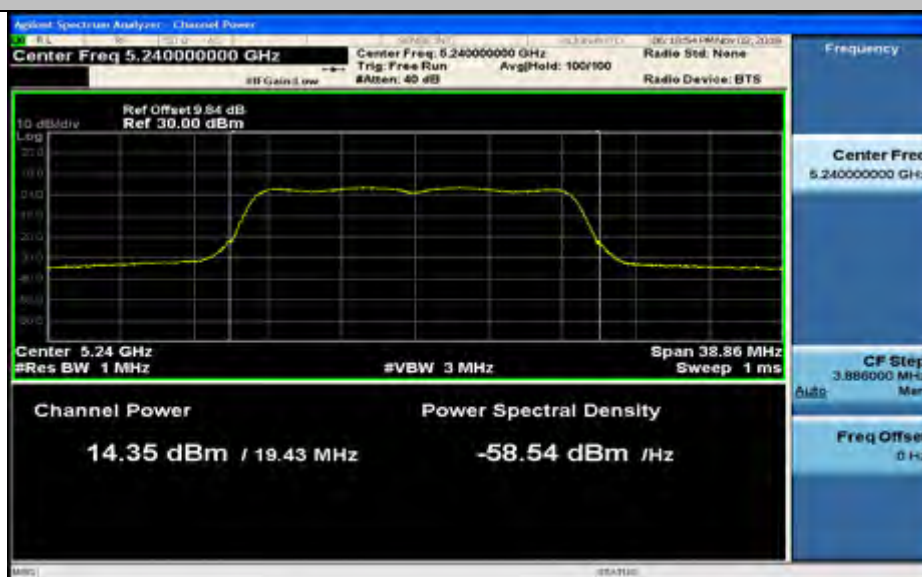
Maximum Conduct Output Power_11A_5180_Ant1



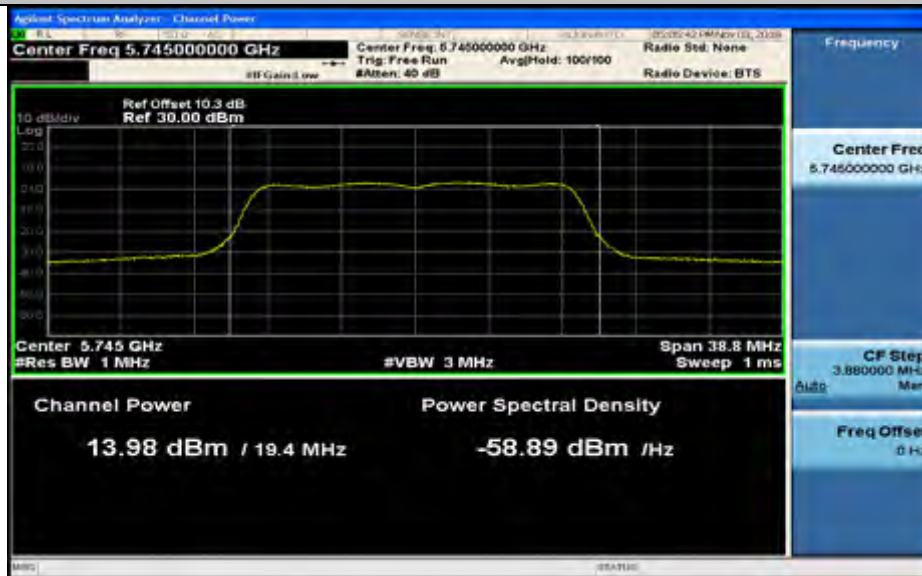
Maximum Conduct Output Power_11A_5220_Ant1



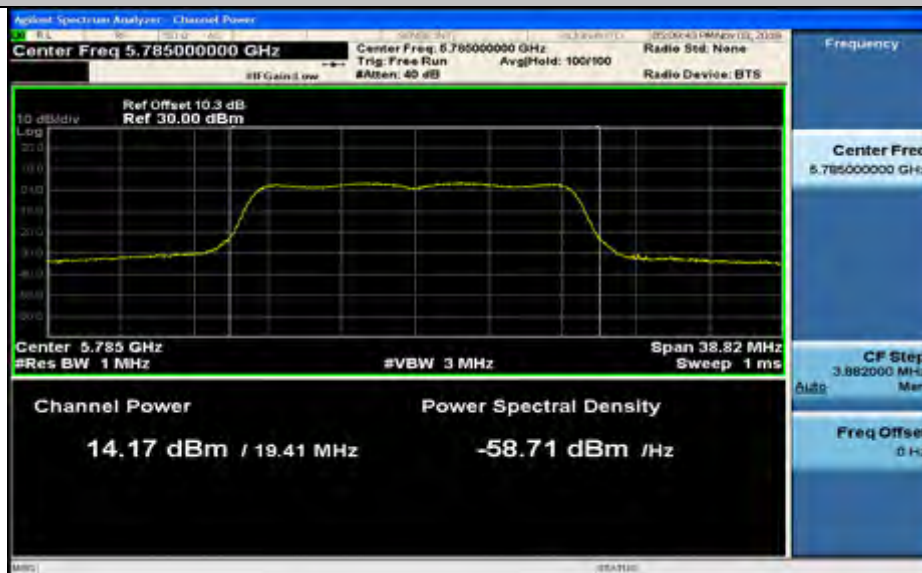
Maximum Conduct Output Power_11A_5240_Ant1



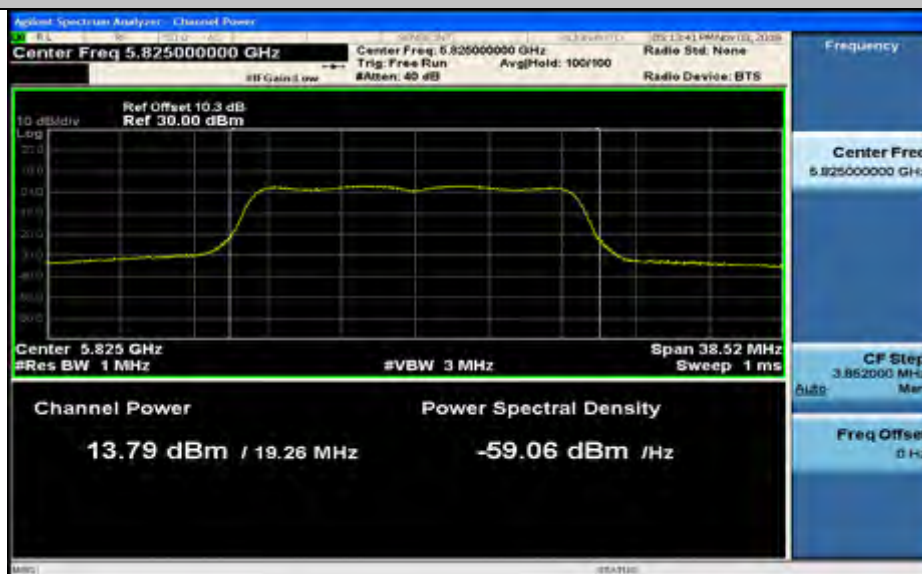
Maximum Conduct Output Power_11A_5745_Ant1



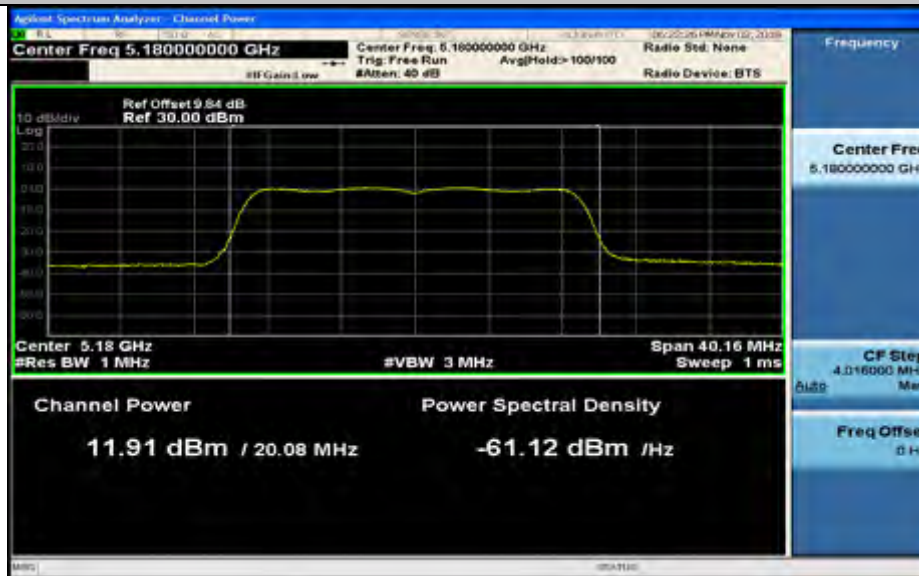
Maximum Conduct Output Power_11A_5785_Ant1



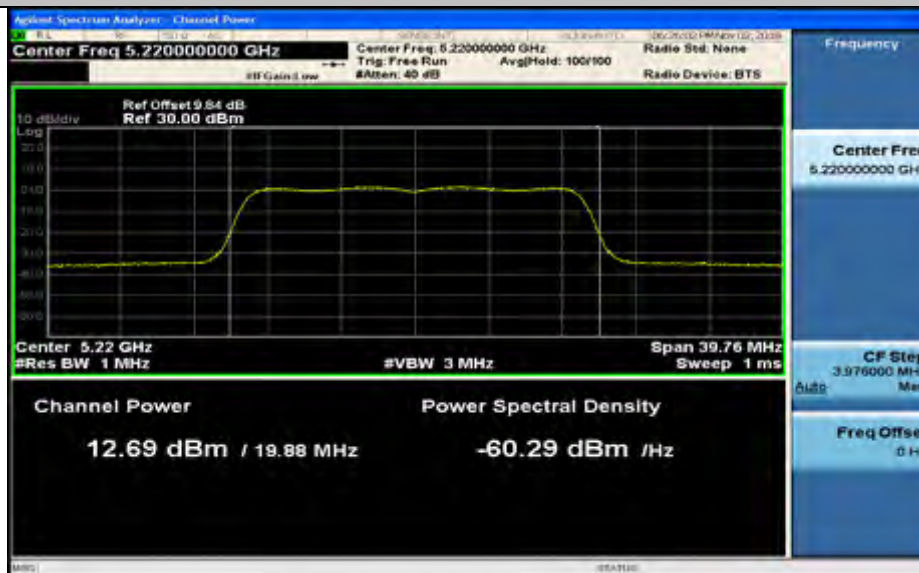
Maximum Conduct Output Power_11A_5825_Ant1



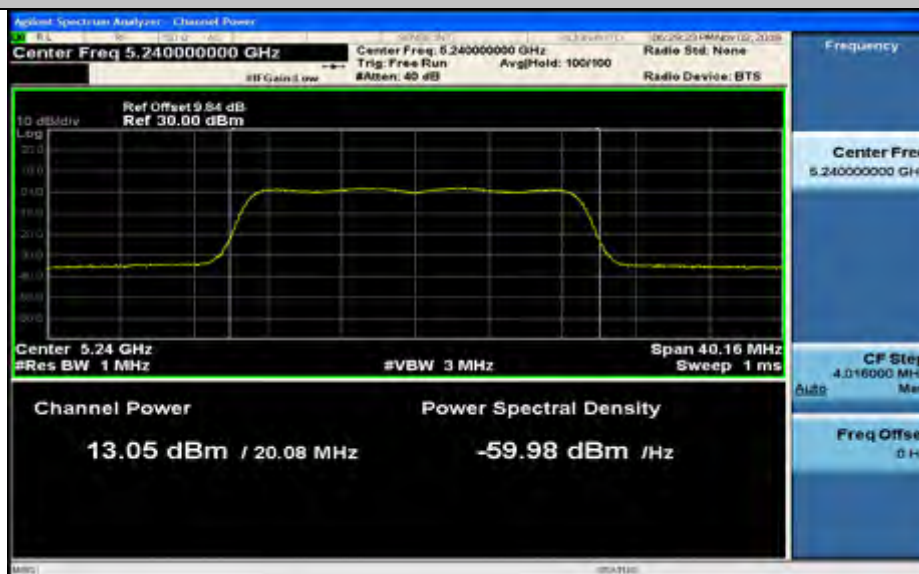
Maximum Conduct Output Power_11N20_5180_Ant1



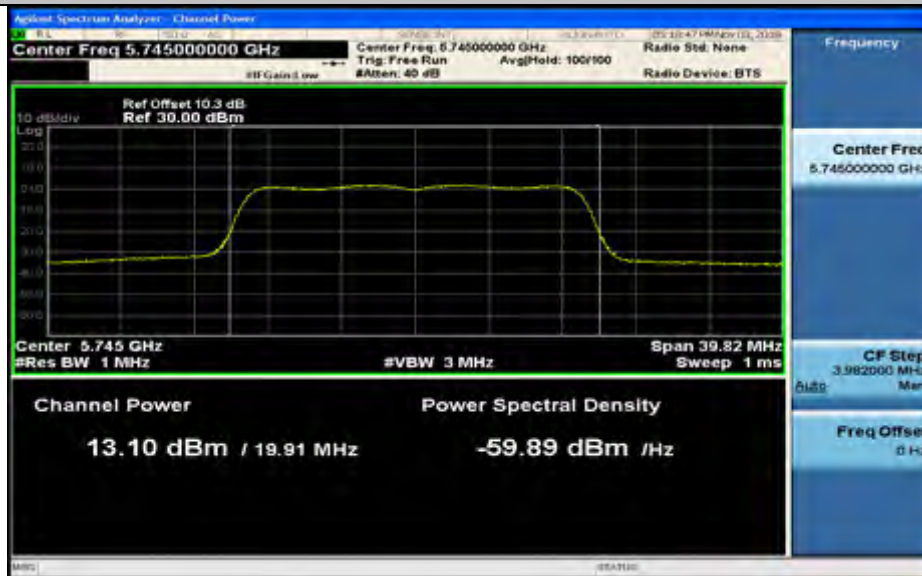
Maximum Conduct Output Power_11N20_5220_Ant1



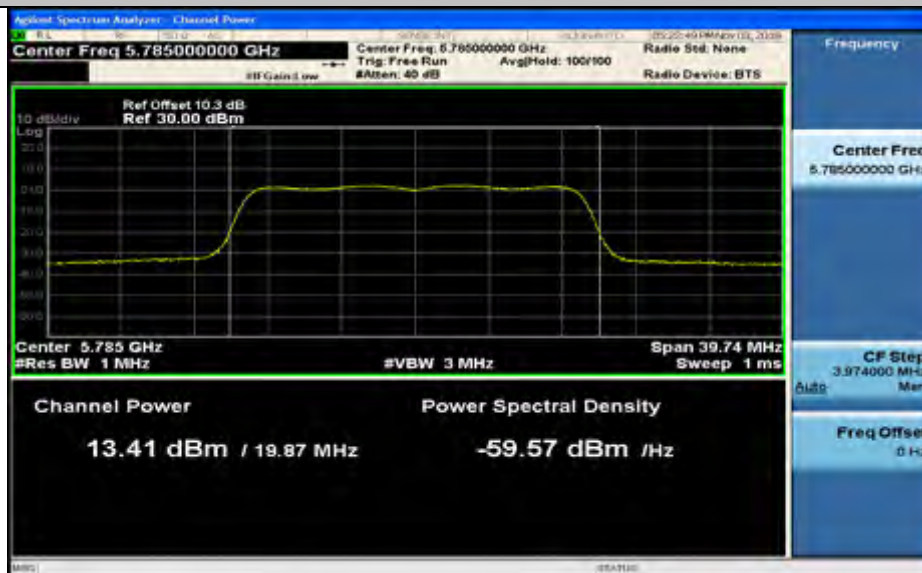
Maximum Conduct Output Power_11N20_5240_Ant1



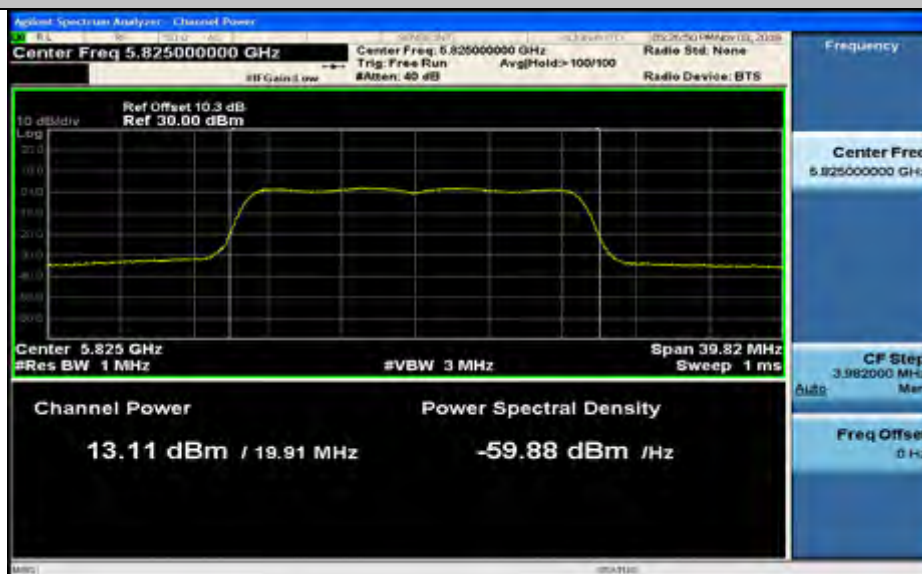
Maximum Conduct Output Power_11N20_5745_Ant1



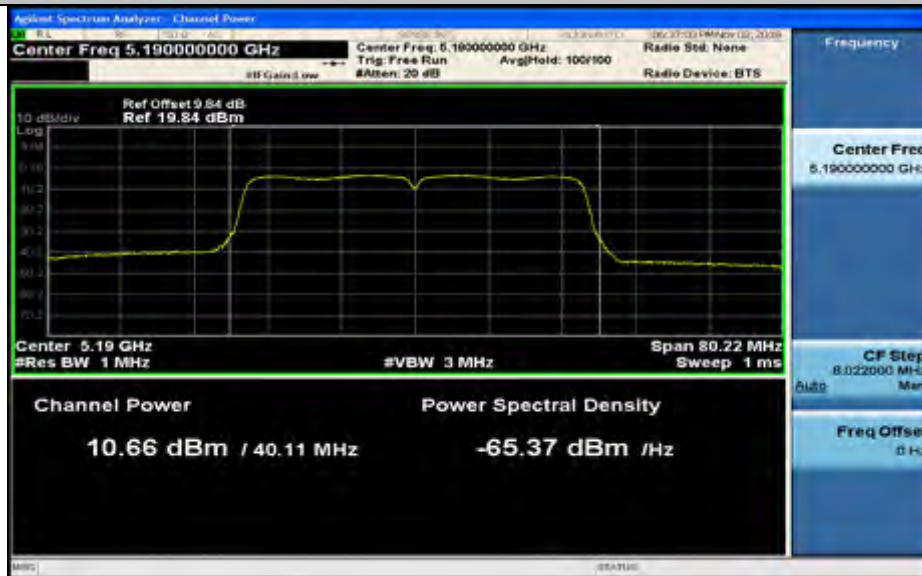
Maximum Conduct Output Power_11N20_5785_Ant1



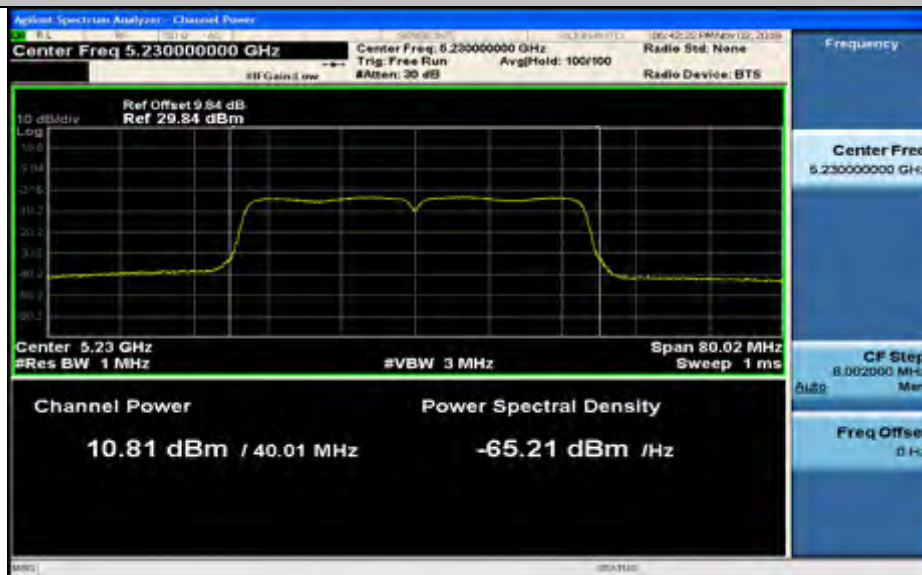
Maximum Conduct Output Power_11N20_5825_Ant1



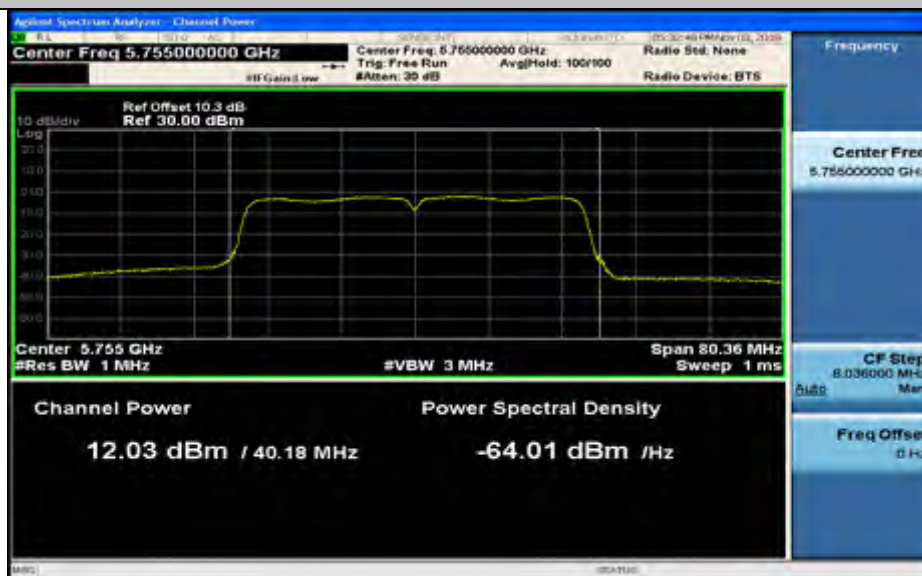
Maximum Conduct Output Power_11N40_5190_Ant1



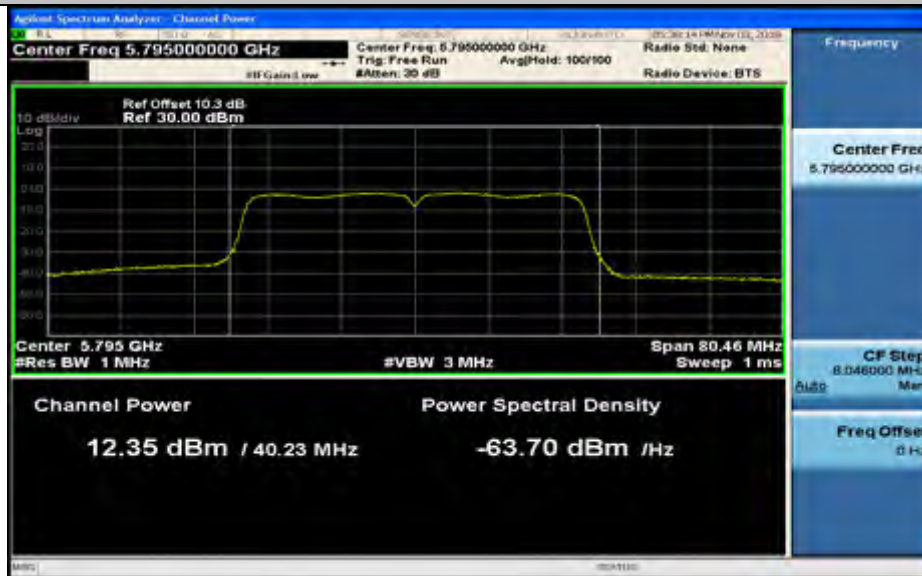
Maximum Conduct Output Power_11N40_5230_Ant1



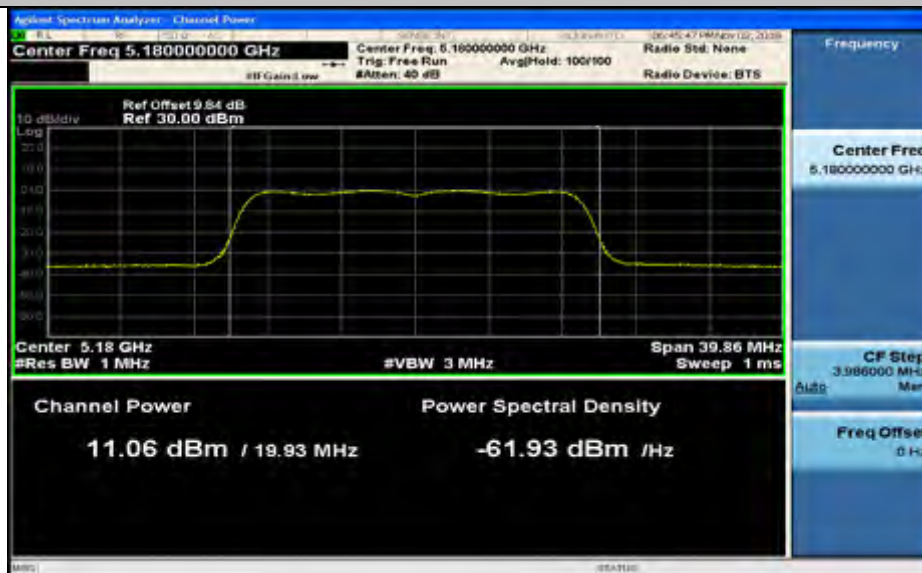
Maximum Conduct Output Power_11N40_5755_Ant1



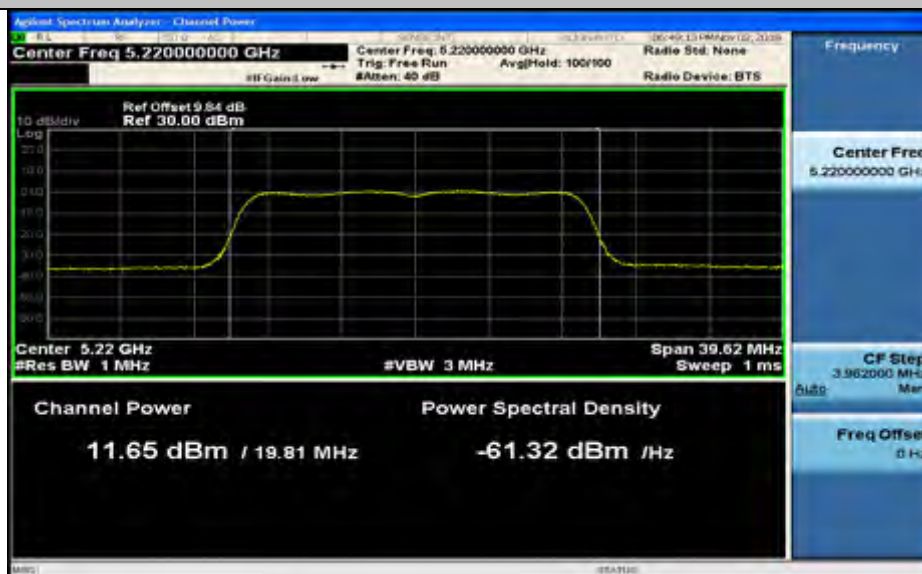
Maximum Conduct Output Power_11N40_5795_Ant1



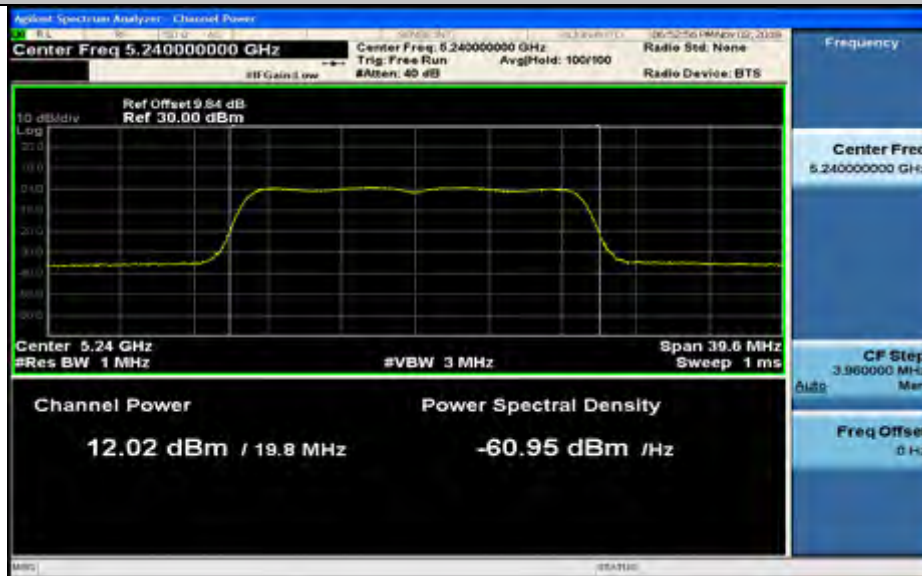
Maximum Conduct Output Power_11AC20_5180_Ant1



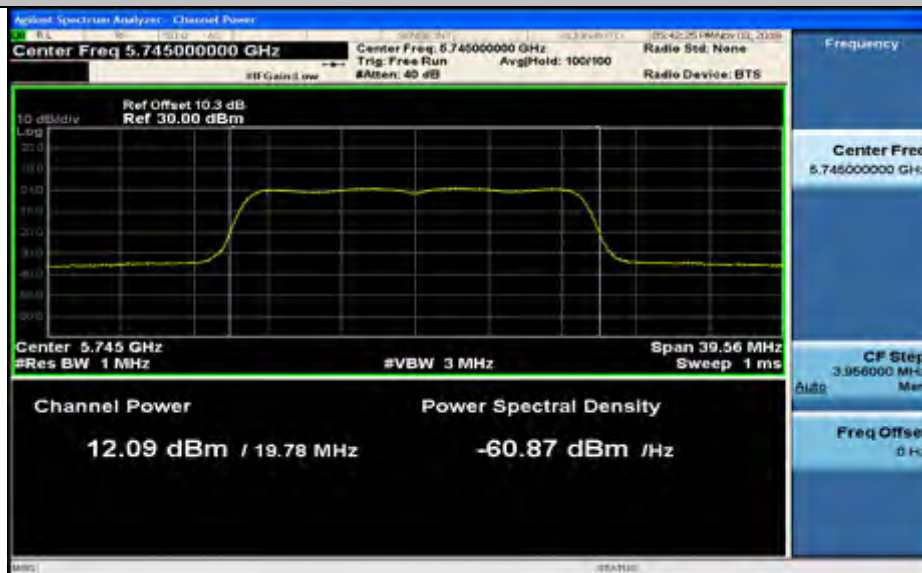
Maximum Conduct Output Power_11AC20_5220_Ant1



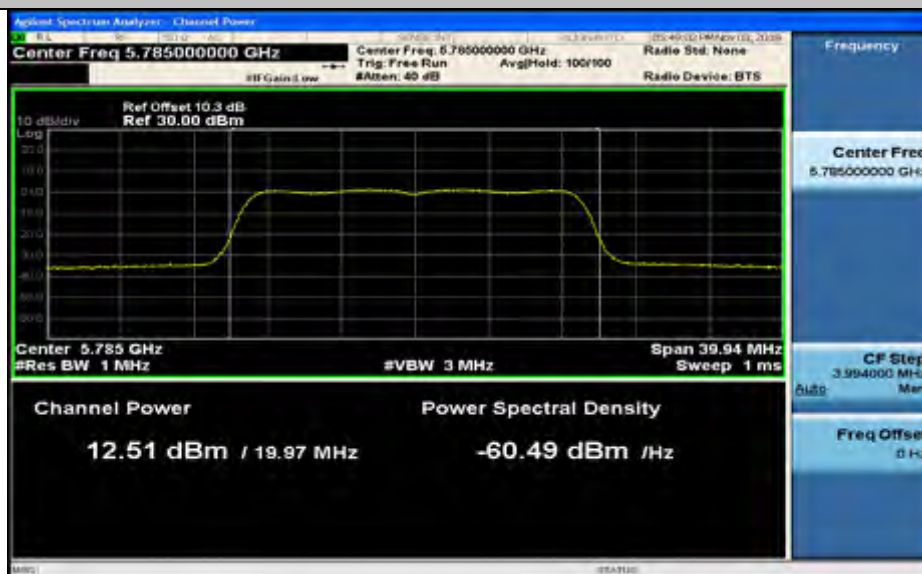
Maximum Conduct Output Power_11AC20_5240_Ant1



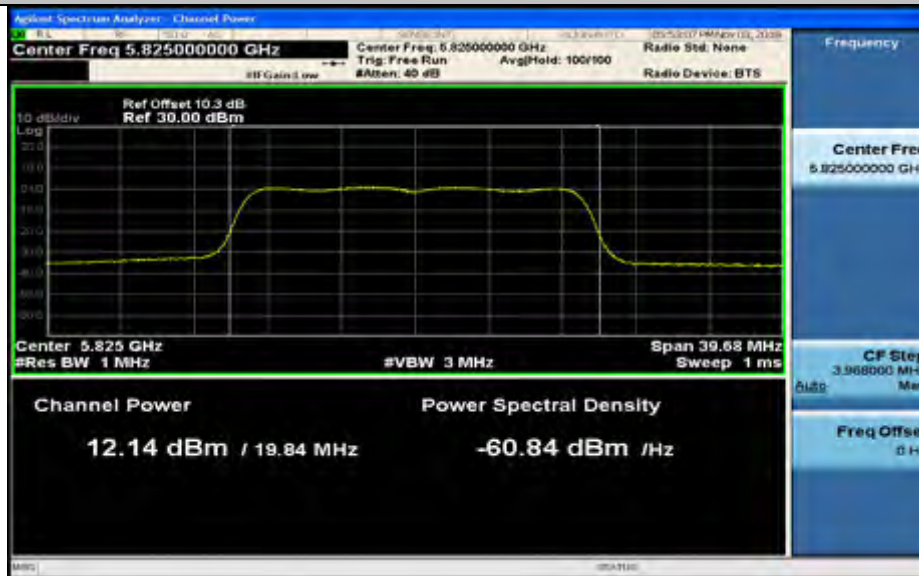
Maximum Conduct Output Power_11AC20_5745_Ant1



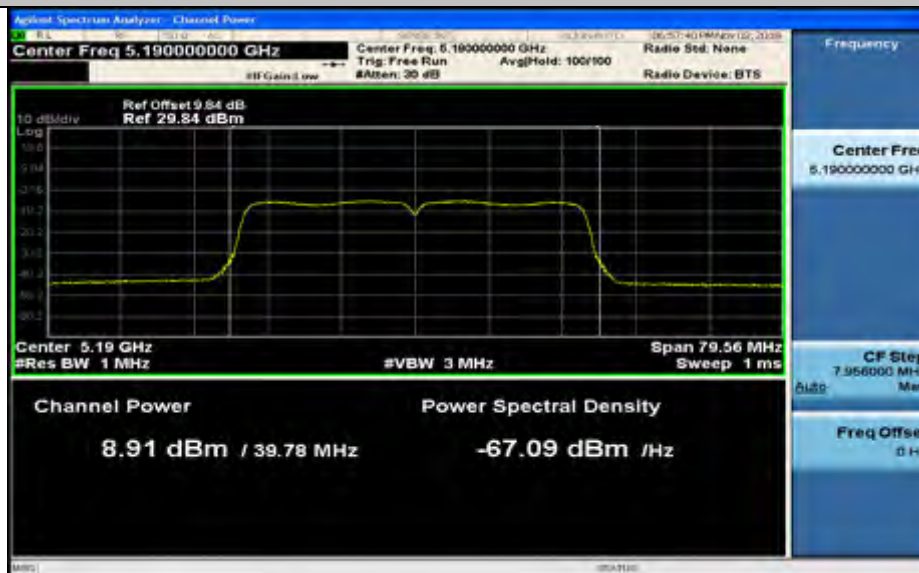
Maximum Conduct Output Power_11AC20_5785_Ant1



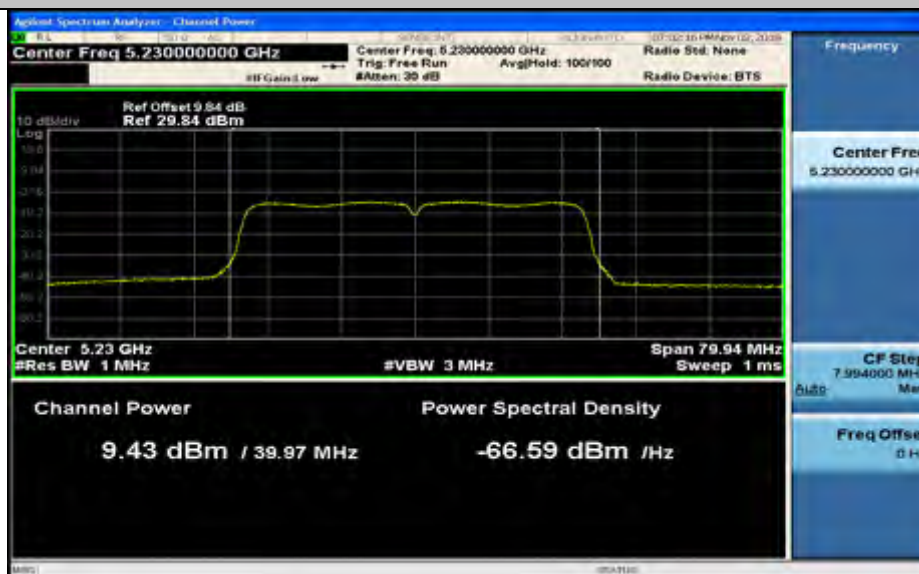
Maximum Conduct Output Power_11AC20_5825_Ant1



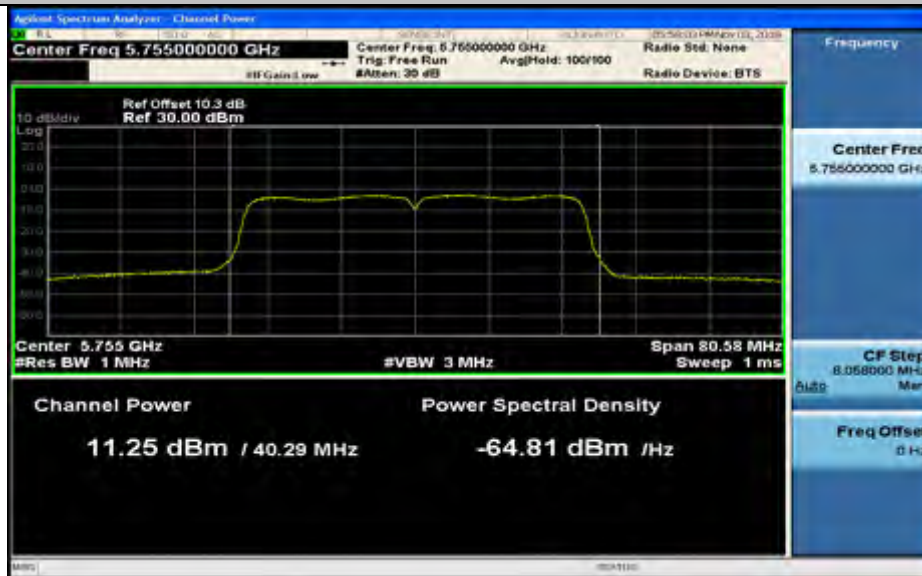
Maximum Conduct Output Power_11AC40_5190_Ant1



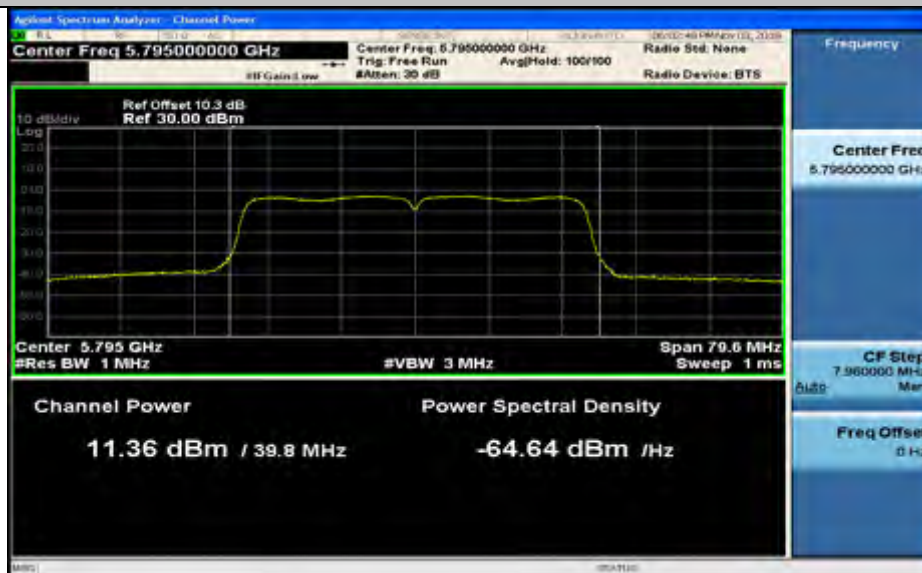
Maximum Conduct Output Power_11AC40_5230_Ant1



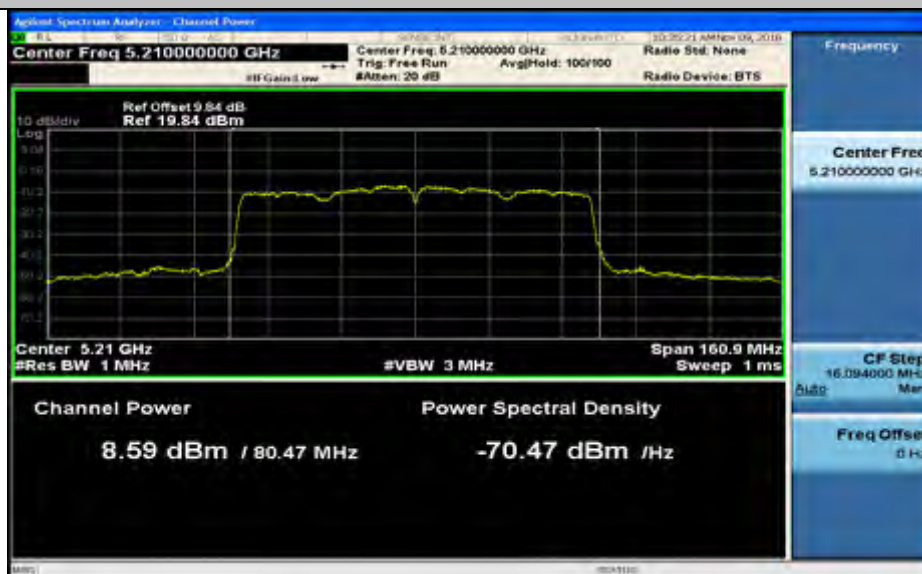
Maximum Conduct Output Power_11AC40_5755_Ant1



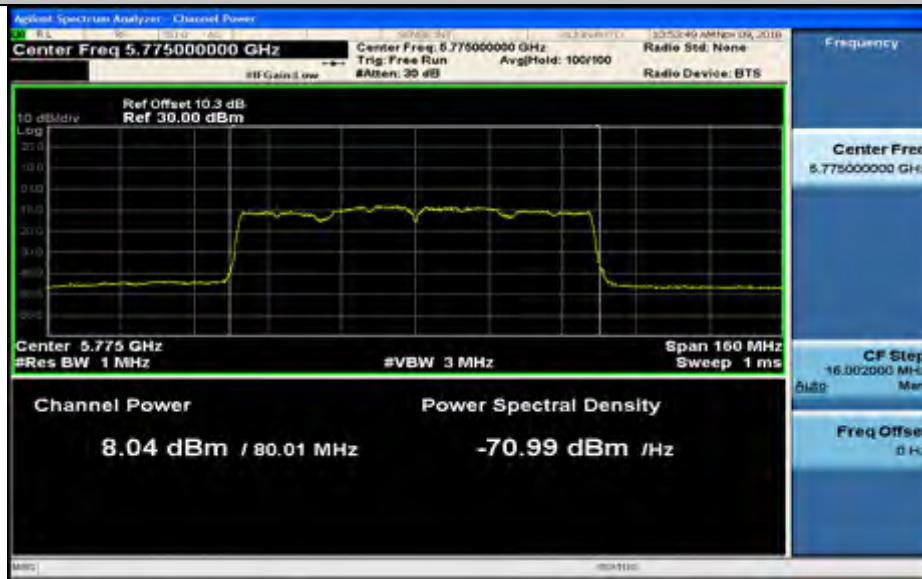
Maximum Conduct Output Power_11AC40_5795_Ant1



Maximum Conduct Output Power_11AC80_5210_Ant1



Maximum Conduct Output Power_11AC80_5775_Ant1



6.Maximum Power Spectral Density For FCC

Test Mode	Test Channel	Ant	Level [dBm/MHz]	10log(1/x) Factor [dB]	PSD [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	5180	Ant1	3.18	0	3.18	11.00	PASS
11A	5220	Ant1	3.6	0	3.6	11.00	PASS
11A	5240	Ant1	3.67	0	3.67	11.00	PASS
11N20	5180	Ant1	1.25	0	1.25	11.00	PASS
11N20	5220	Ant1	1.91	0	1.91	11.00	PASS
11N20	5240	Ant1	2.14	0	2.14	11.00	PASS
11N40	5190	Ant1	-3.27	0	-3.27	11.00	PASS
11N40	5230	Ant1	-2.84	0	-2.84	11.00	PASS
11AC20	5180	Ant1	0.32	0	0.32	11.00	PASS
11AC20	5220	Ant1	0.95	0	0.95	11.00	PASS
11AC20	5240	Ant1	1.26	0	1.26	11.00	PASS
11AC40	5190	Ant1	-4.9	0	-4.9	11.00	PASS
11AC40	5230	Ant1	-4.38	0	-4.38	11.00	PASS
11AC80	5210	Ant1	-7.22	0	-7.22	11.00	PASS

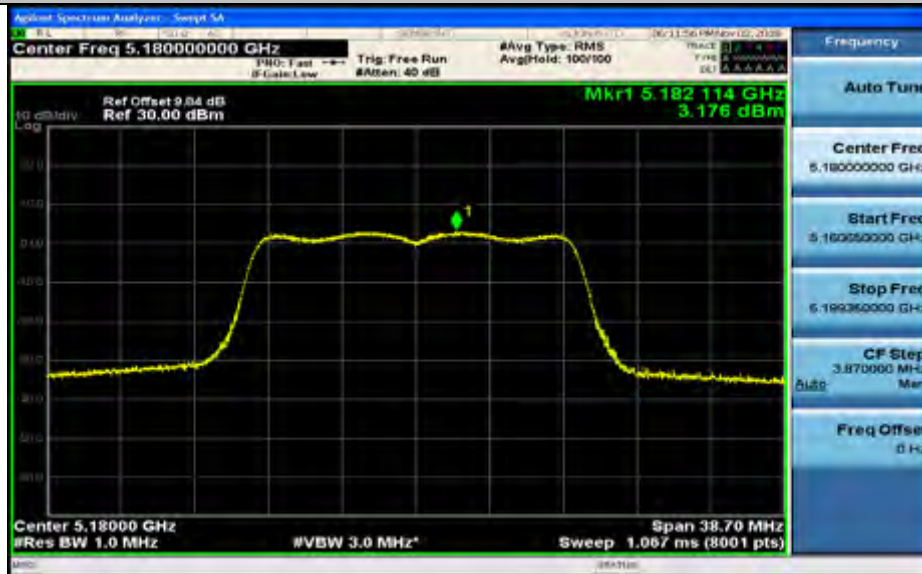
Test Mode	Test Channel	Ant	Level [dBm/300kHz]	10log(1/x) Factor[dB]	10log(500kHz/RBW) Factor [dB]	PSD [dBm/500kHz]	Limit [dBm/500kHz]	Verdict
11A	5745	Ant1	-1.68	0	2.22	0.54	17.00	PASS
11A	5785	Ant1	-1.44	0	2.22	0.78	17.00	PASS
11A	5825	Ant1	-2.1	0	2.22	0.12	17.00	PASS
11N20	5745	Ant1	-2.92	0	2.22	-0.7	17.00	PASS
11N20	5785	Ant1	-2.43	0	2.22	-0.21	17.00	PASS
11N20	5825	Ant1	-2.94	0	2.22	-0.72	17.00	PASS
11N40	5755	Ant1	-7.25	0	2.22	-5.03	17.00	PASS
11N40	5795	Ant1	-7	0	2.22	-4.78	17.00	PASS
11AC20	5745	Ant1	-3.95	0	2.22	-1.73	17.00	PASS
11AC20	5785	Ant1	-3.45	0	2.22	-1.23	17.00	PASS
11AC20	5825	Ant1	-3.85	0	2.22	-1.63	17.00	PASS
11AC40	5755	Ant1	-8.13	0	2.22	-5.91	17.00	PASS
11AC40	5795	Ant1	-7.97	0	2.22	-5.75	17.00	PASS
11AC80	5775	Ant1	-12.33	0	2.22	-10.11	17.00	PASS

7.Maximum Power Spectral Density For ISED

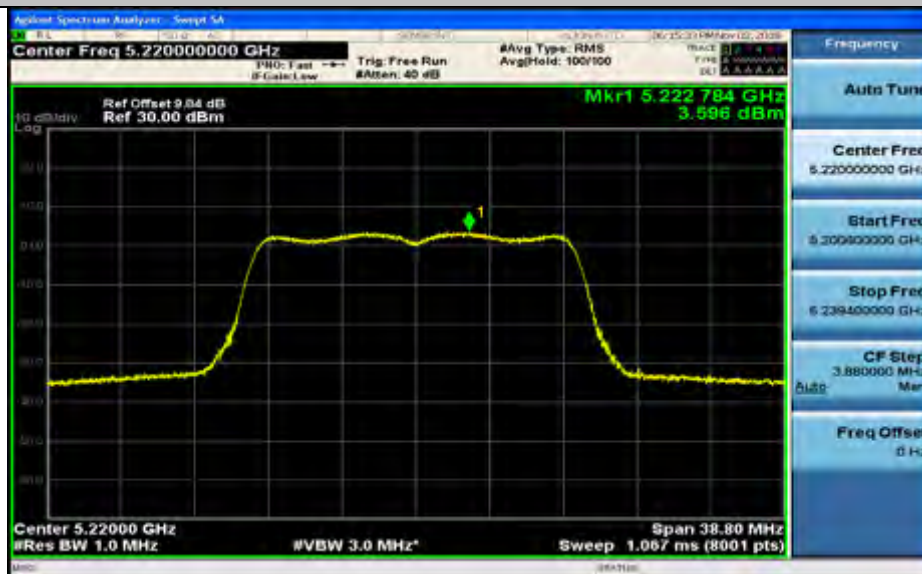
Test Mode	Test Channel	Ant	Level [dBm/MHz]	10log(1/x) Factor [dB]	PSD [dBm/MHz]	EIRP PSD [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	5180	Ant1	3.18	0	3.18	5.71	10.00	PASS
11A	5220	Ant1	3.6	0	3.6	6.13	10.00	PASS
11A	5240	Ant1	3.67	0	3.67	6.2	10.00	PASS
11N20	5180	Ant1	1.25	0	1.25	3.78	10.00	PASS
11N20	5220	Ant1	1.91	0	1.91	4.44	10.00	PASS
11N20	5240	Ant1	2.14	0	2.14	4.67	10.00	PASS
11N40	5190	Ant1	-3.27	0	-3.27	-0.74	10.00	PASS
11N40	5230	Ant1	-2.84	0	-2.84	-0.31	10.00	PASS
11AC20	5180	Ant1	0.32	0	0.32	2.85	10.00	PASS
11AC20	5220	Ant1	0.95	0	0.95	3.48	10.00	PASS
11AC20	5240	Ant1	1.26	0	1.26	3.79	10.00	PASS
11AC40	5190	Ant1	-4.9	0	-4.9	-2.37	10.00	PASS
11AC40	5230	Ant1	-4.38	0	-4.38	-1.85	10.00	PASS
11AC80	5210	Ant1	-7.22	0	-7.22	-4.69	10.00	PASS

Test Mode	Test Channel	Ant	Level [dBm/300kHz]	10log(1/x) Factor [dB]	10log(500kHz/RBW) Factor [dB]	PSD [dBm/500kHz]	Limit [dBm/500kHz]	Verdict
11A	5745	Ant1	-1.68	0	2.22	0.54	17.00	PASS
11A	5785	Ant1	-1.44	0	2.22	0.78	17.00	PASS
11A	5825	Ant1	-2.1	0	2.22	0.12	17.00	PASS
11N20	5745	Ant1	-2.92	0	2.22	-0.7	17.00	PASS
11N20	5785	Ant1	-2.43	0	2.22	-0.21	17.00	PASS
11N20	5825	Ant1	-2.94	0	2.22	-0.72	17.00	PASS
11N40	5755	Ant1	-7.25	0	2.22	-5.03	17.00	PASS
11N40	5795	Ant1	-7	0	2.22	-4.78	17.00	PASS
11AC20	5745	Ant1	-3.95	0	2.22	-1.73	17.00	PASS
11AC20	5785	Ant1	-3.45	0	2.22	-1.23	17.00	PASS
11AC20	5825	Ant1	-3.85	0	2.22	-1.63	17.00	PASS
11AC40	5755	Ant1	-8.13	0	2.22	-5.91	17.00	PASS
11AC40	5795	Ant1	-7.97	0	2.22	-5.75	17.00	PASS
11AC80	5775	Ant1	-12.33	0	2.22	-10.11	17.00	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



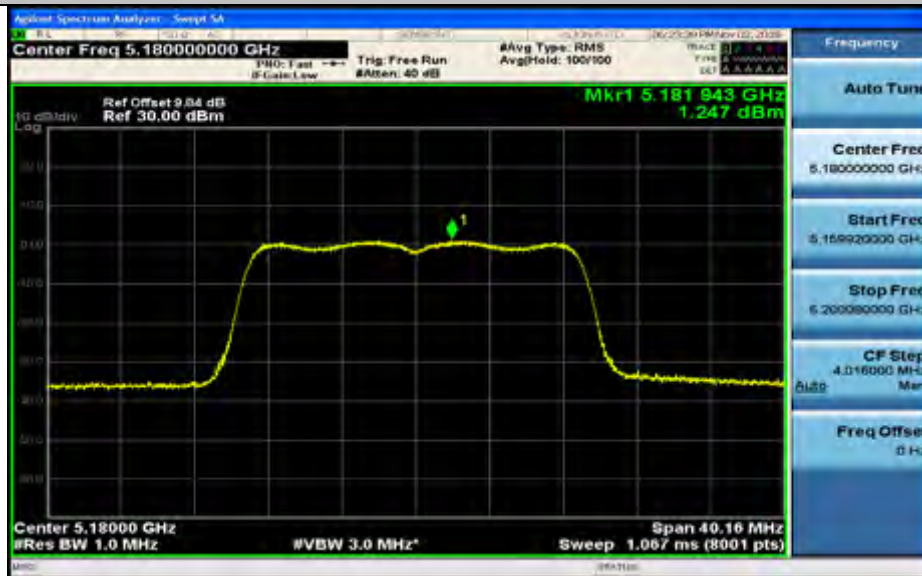
Maximum Power Spectral Density_TNVN_11A_5785_Ant1



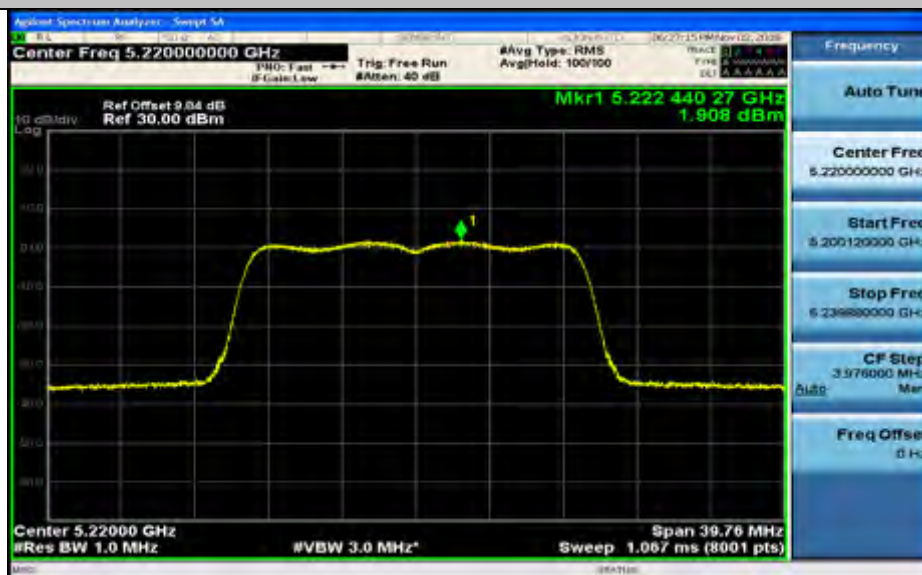
Maximum Power Spectral Density_TNVN_11A_5825_Ant1



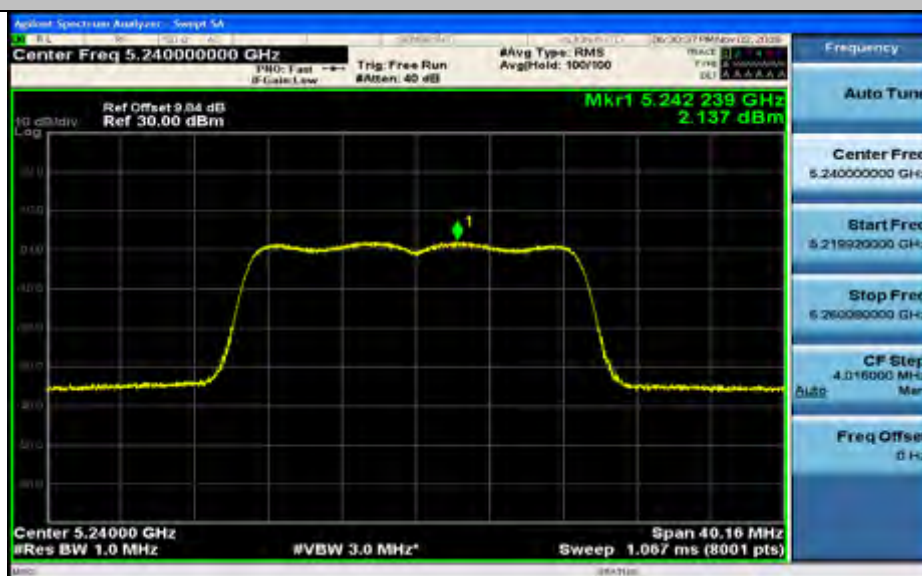
Maximum Power Spectral Density_TNVN_11N20_5180_Ant1



Maximum Power Spectral Density_TNVN_11N20_5220_Ant1



Maximum Power Spectral Density_TNVN_11N20_5240_Ant1



Maximum Power Spectral Density_TNVN_11N20_5745_Ant1



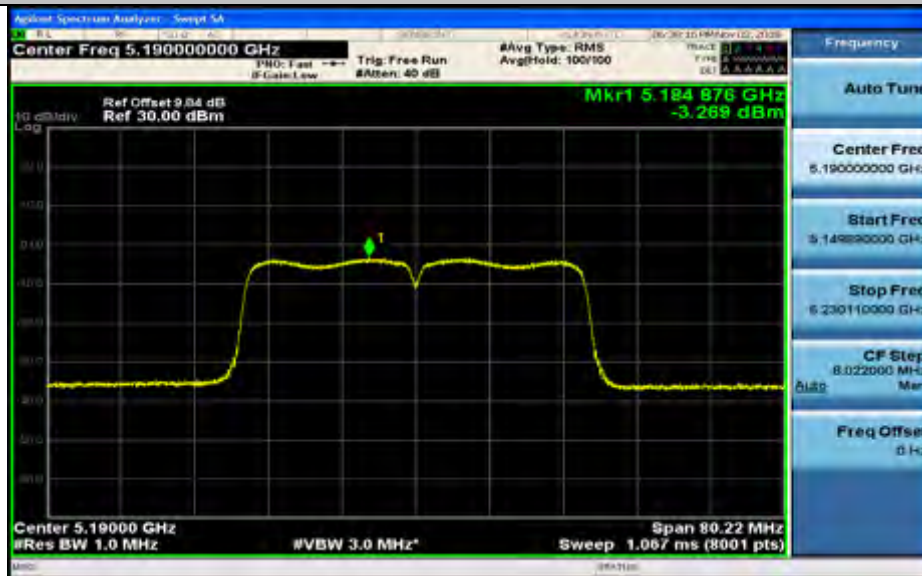
Maximum Power Spectral Density_TNVN_11N20_5785_Ant1



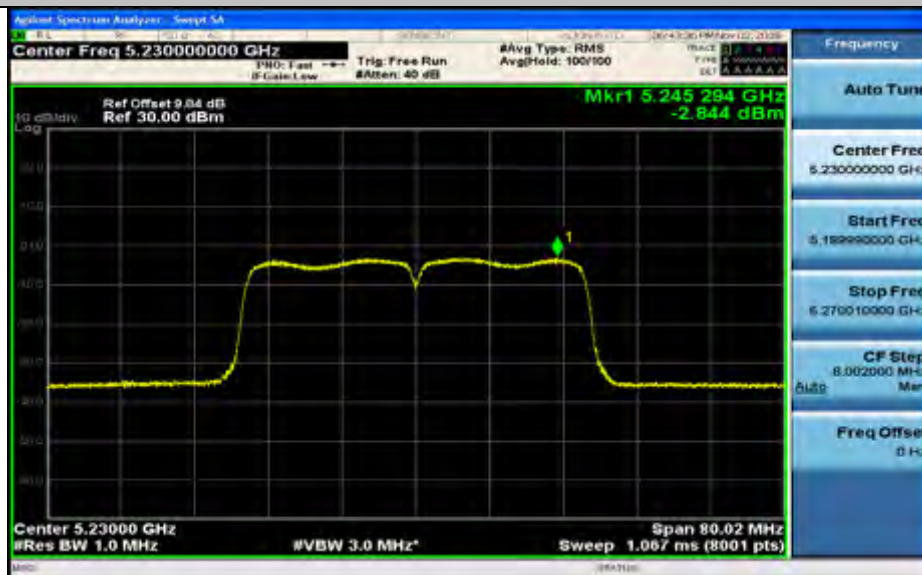
Maximum Power Spectral Density_TNVN_11N20_5825_Ant1



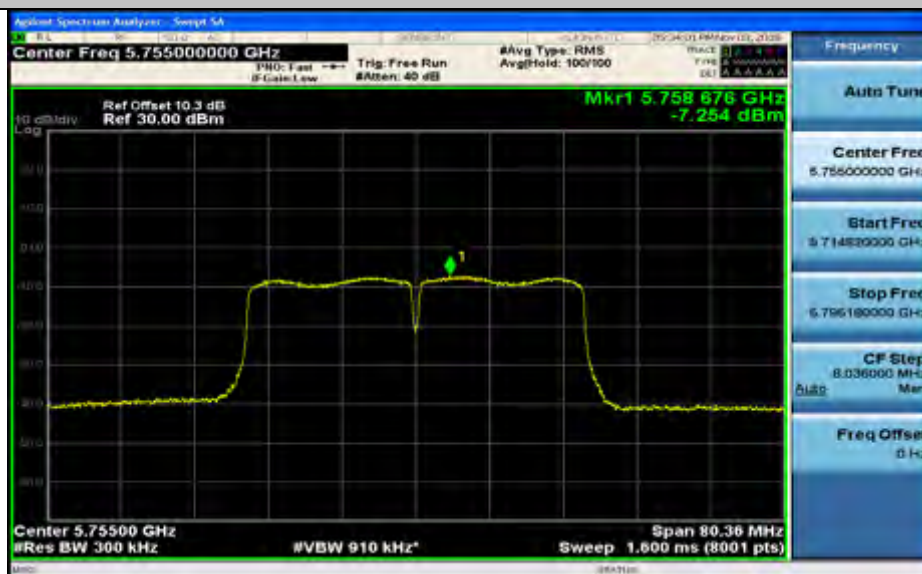
Maximum Power Spectral Density_TNVN_11N40_5190_Ant1



Maximum Power Spectral Density_TNVN_11N40_5230_Ant1



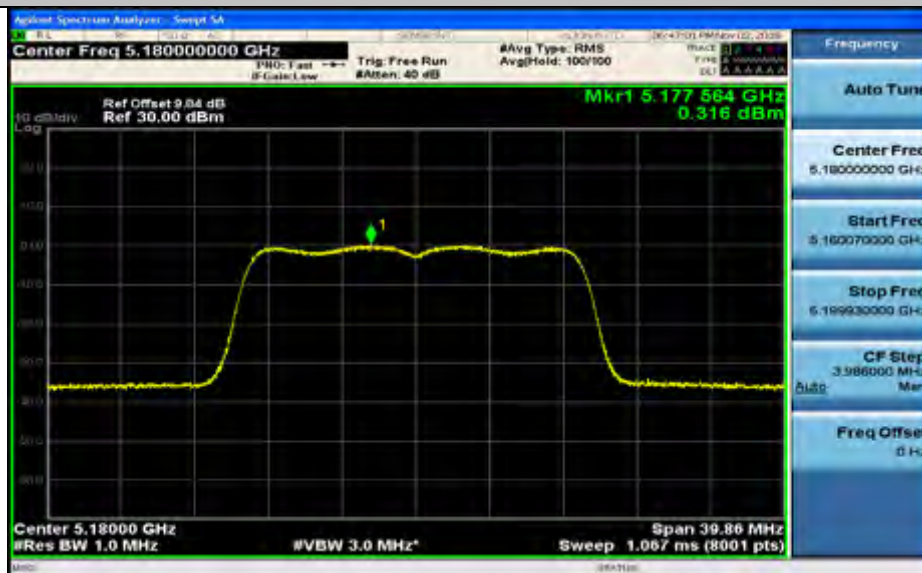
Maximum Power Spectral Density_TNVN_11N40_5755_Ant1



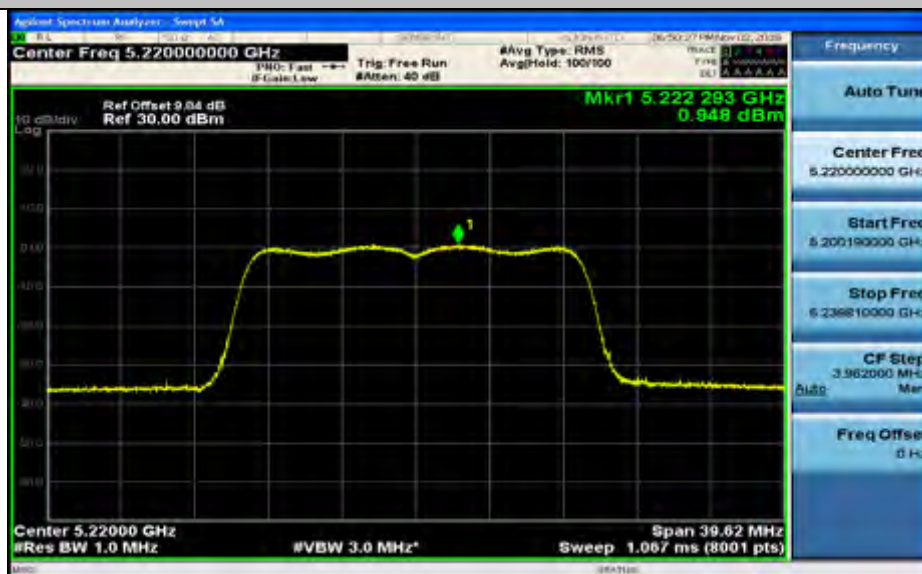
Maximum Power Spectral Density_TNVN_11N40_5795_Ant1



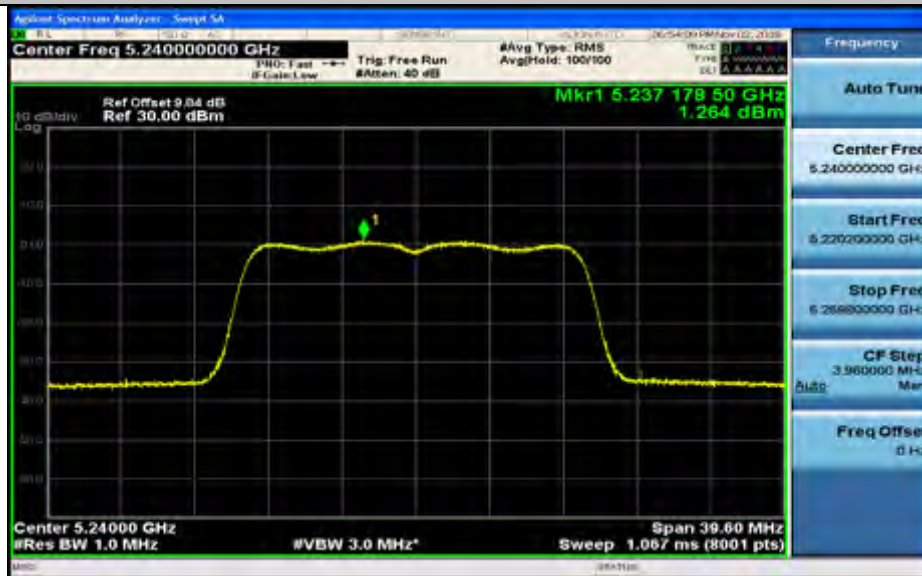
Maximum Power Spectral Density_TNVN_11AC20_5180_Ant1



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



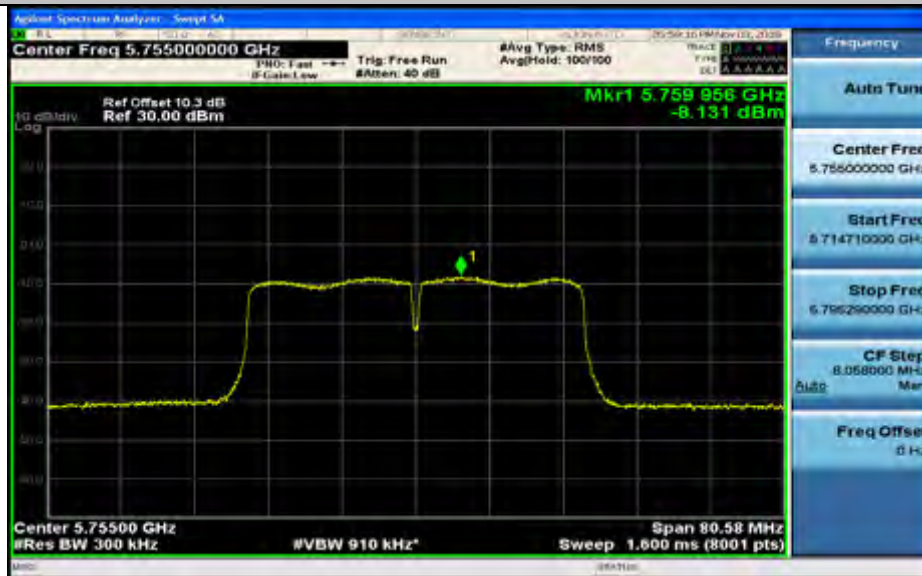
Maximum Power Spectral Density_TNVN_11AC40_5190_Ant1



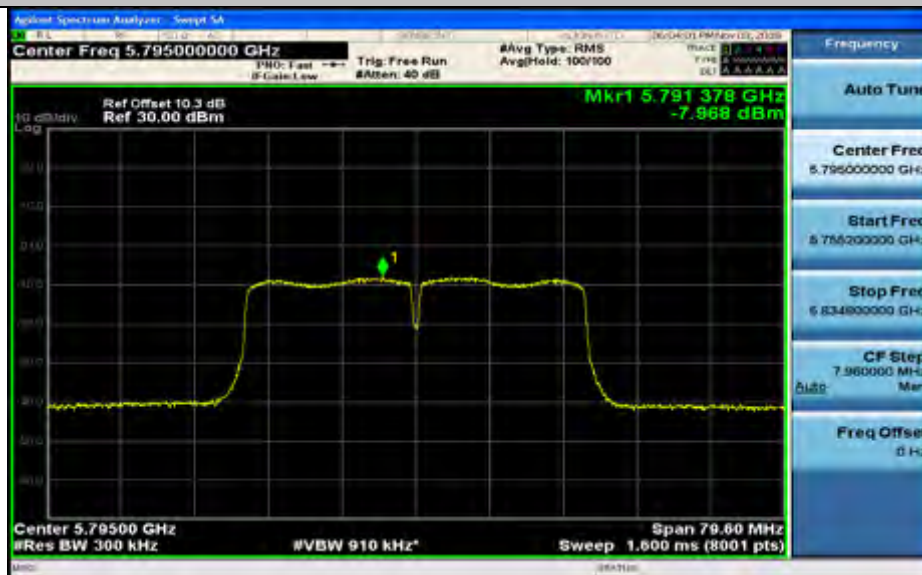
Maximum Power Spectral Density_TNVN_11AC40_5230_Ant1



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





8.Frequency Stability

Band	Test Conditions		Operation Frequency (MHz)	Test Frequency (MHz)	Freq. Dev. (MHz)	Limit (GHz)	Result
	Volt (V AC)	Temp (C°)		ANT1	ANT1		
Band U-NII 1	Normal(120)	Extreme(-20)	5180	5180.0241	0.0241	5.15-5.25	Pass
		Extreme(-10)		5180.0283	0.0283		Pass
		Extreme(0)		5180.0353	0.0353		Pass
		Extreme(+10)		5180.0327	0.0327		Pass
		Extreme(+20)		5180.0225	0.0225		Pass
		Extreme(+30)		5180.0341	0.0341		Pass
		Extreme(+40)		5180.0282	0.0282		Pass
		Extreme(+55)		5180.0471	0.0471		Pass
	Extreme(85)	Norma(+20)	5240	5180.0075	0.0075		Pass
	Extreme(276)			5180.0268	0.0268		Pass
	Normal(120)	Extreme(-20)		5240.0252	0.0252		Pass
		Extreme(-10)		5240.0243	0.0243		Pass
		Extreme(0)		5240.0351	0.0351		Pass
		Extreme(+10)		5240.0363	0.0363		Pass
		Extreme(+20)		5240.0442	0.0442		Pass
		Extreme(+30)		5240.0235	0.0235		Pass
		Extreme(+40)		5240.0142	0.0142		Pass
		Extreme(+55)		5240.0487	0.0487		Pass
	Extreme(85)	Norma(20)		5240.0447	0.0447		Pass
	Extreme(276)			5240.0373	0.0373		Pass

Band	Test Conditions		Operation Frequency (MHz)	Test Frequency (MHz)	Freq. Dev. (MHz)	Limit (GHz)	Result
	Volt (V DC)	Temp (C°)		ANT1	ANT1		
Band U-NII 3	Normal(120)	Extreme(-20)	5745	5745.0521	0.0521	5.725-5.85	Pass
		Extreme(-10)		5745.0379	0.0379		Pass
		Extreme(0)		5745.0246	0.0246		Pass
		Extreme(+10)		5745.0137	0.0137		Pass
		Extreme(+20)		5745.0313	0.0313		Pass
		Extreme(+30)		5745.0433	0.0433		Pass
		Extreme(+40)		5745.0311	0.0311		Pass
		Extreme(+55)		5745.0261	0.0261		Pass
	Extreme(85)	Norma(+20)	5745.0422	0.0422	Pass		
	Extreme(276)		5745.0485	0.0485	Pass		
	Normal(120)	5825	Extreme(-20)	5825.0412	0.0412		Pass
			Extreme(-10)	5825.0413	0.0413		Pass
			Extreme(0)	5825.0245	0.0245		Pass
			Extreme(+10)	5825.0234	0.0234		Pass
			Extreme(+20)	5825.0193	0.0193		Pass
			Extreme(+30)	5825.0328	0.0328		Pass
			Extreme(+40)	5825.0172	0.0172		Pass
			Extreme(+55)	5825.0265	0.0265		Pass
	Extreme(85)	Norma(20)	5825.0427	0.0427	Pass		
	Extreme(276)		5825.0216	0.0216	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.

9.Duty Cycle

Test Mode	Test Channel	Ant	Duty Cycle[%]	10log(1/x) Factor[dB]
11A	5180	Ant1	100.00	0.00
11A	5220	Ant1	100.00	0.00
11A	5240	Ant1	100.00	0.00
11A	5745	Ant1	100.00	0.00
11A	5785	Ant1	100.00	0.00
11A	5825	Ant1	100.00	0.00
11N20	5180	Ant1	100.00	0.00
11N20	5220	Ant1	100.00	0.00
11N20	5240	Ant1	100.00	0.00
11N20	5745	Ant1	100.00	0.00
11N20	5785	Ant1	100.00	0.00
11N20	5825	Ant1	100.00	0.00
11N40	5190	Ant1	100.00	0.00
11N40	5230	Ant1	100.00	0.00
11N40	5755	Ant1	100.00	0.00
11N40	5795	Ant1	100.00	0.00
11AC20	5180	Ant1	100.00	0.00
11AC20	5220	Ant1	100.00	0.00
11AC20	5240	Ant1	100.00	0.00
11AC20	5745	Ant1	100.00	0.00
11AC20	5785	Ant1	100.00	0.00
11AC20	5825	Ant1	100.00	0.00
11AC40	5190	Ant1	100.00	0.00
11AC40	5230	Ant1	100.00	0.00
11AC40	5755	Ant1	100.00	0.00
11AC40	5795	Ant1	100.00	0.00
11AC80	5210	Ant1	100.00	0.00
11AC80	5775	Ant1	100.00	0.00

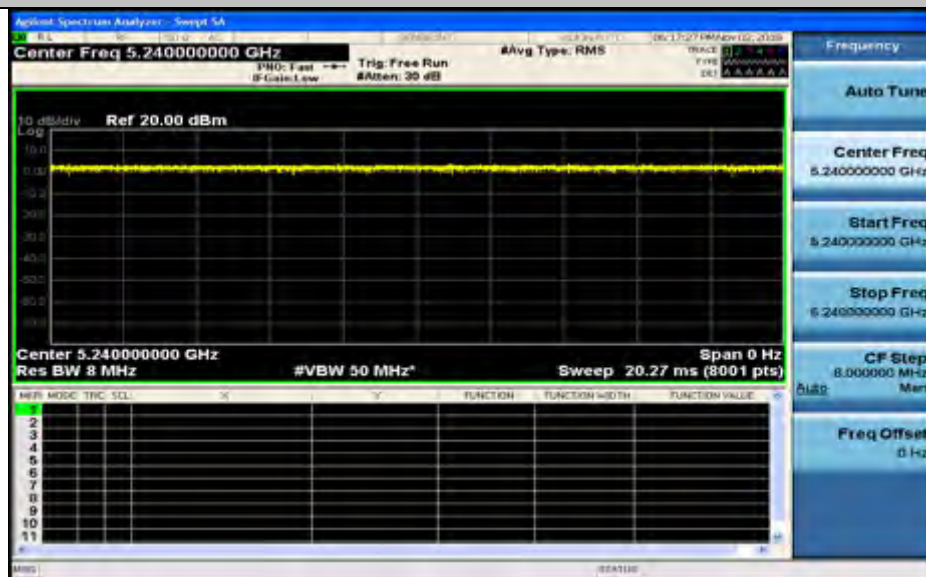
Duty Cycle_11A_5180_Ant1



Duty Cycle_11A_5220_Ant1



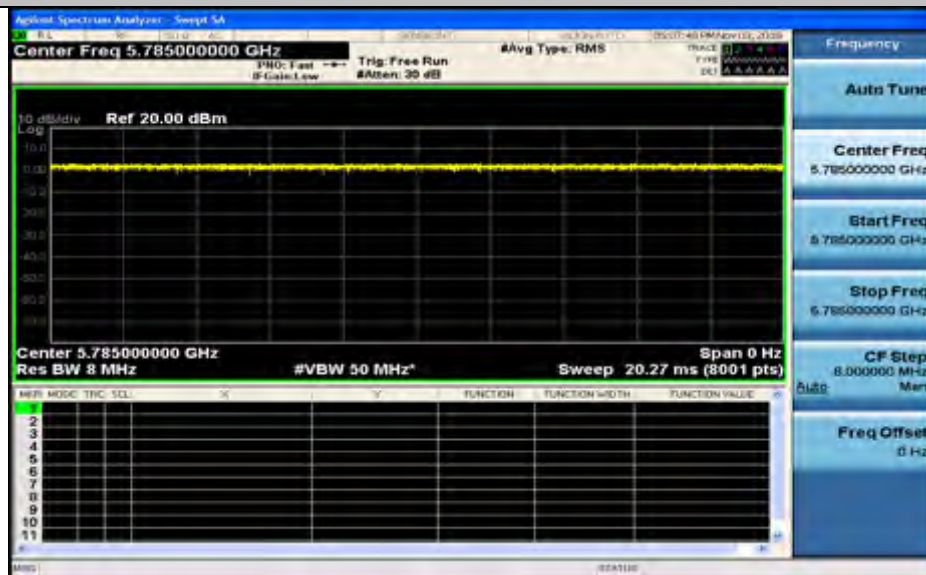
Duty Cycle_11A_5240_Ant1



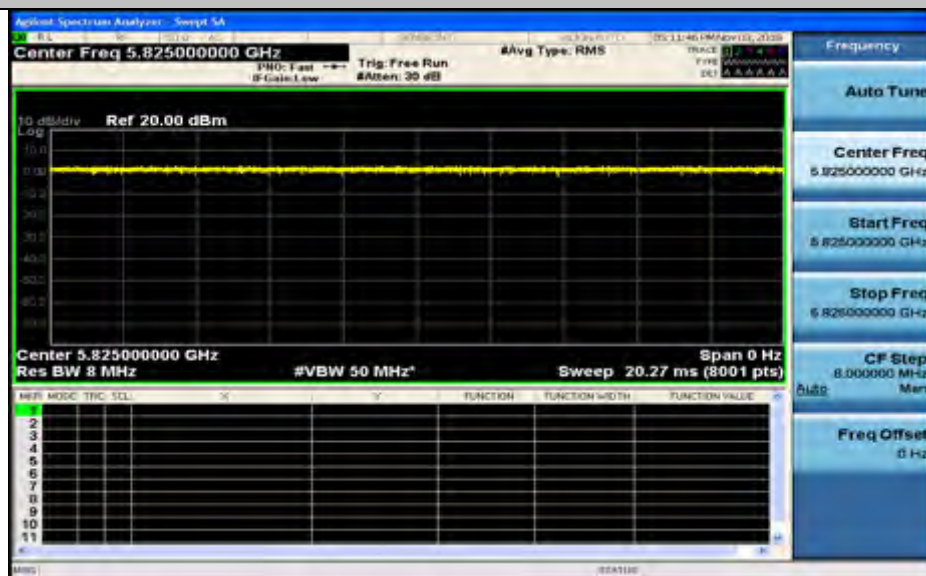
Duty Cycle_11A_5745_Ant1



Duty Cycle_11A_5785_Ant1



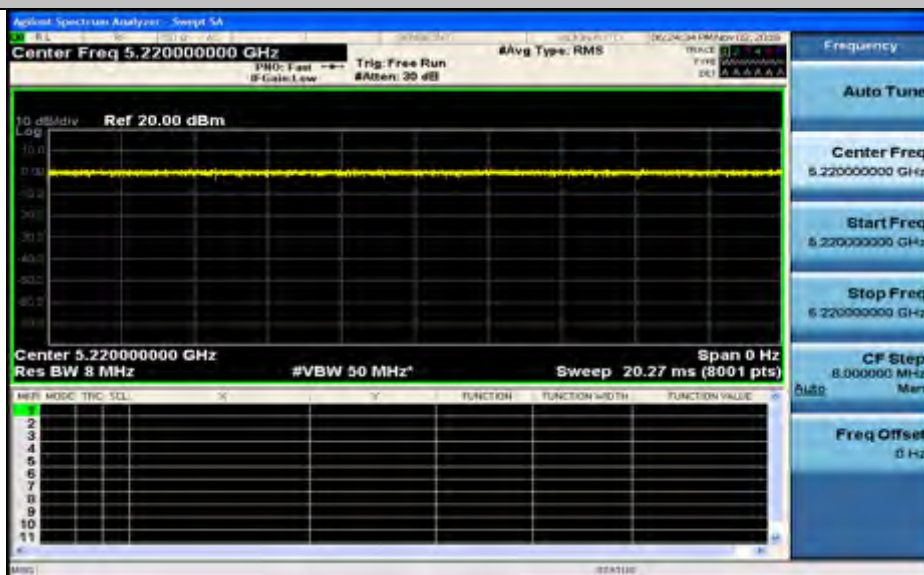
Duty Cycle_11A_5825_Ant1



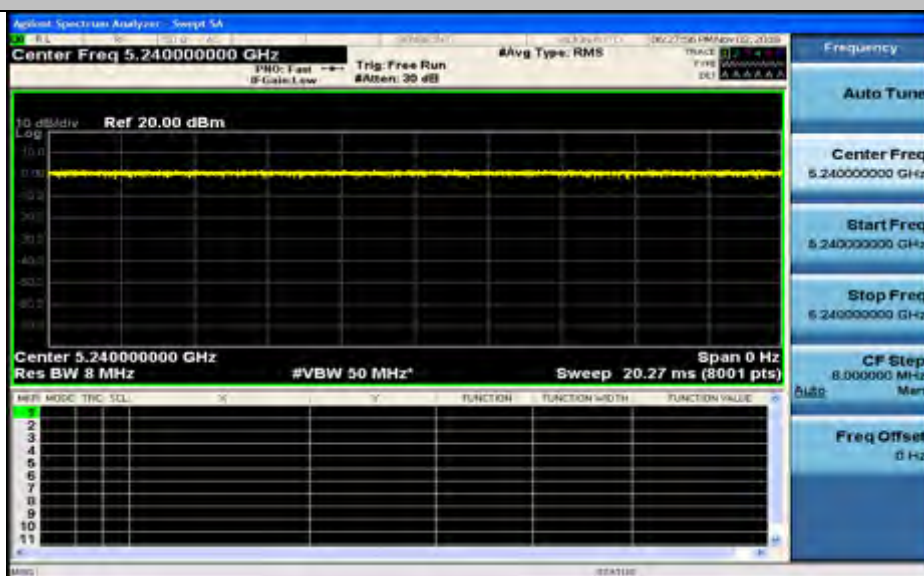
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Duty Cycle_11N20_5220_Ant1



Duty Cycle_11N20_5240_Ant1



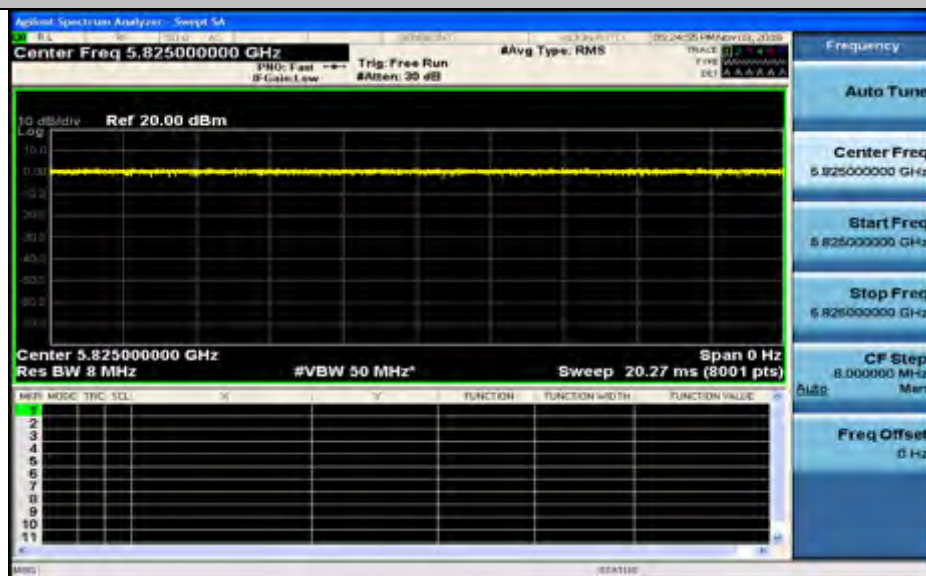
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Duty Cycle_11N20_5785_Ant1



Duty Cycle_11N20_5825_Ant1



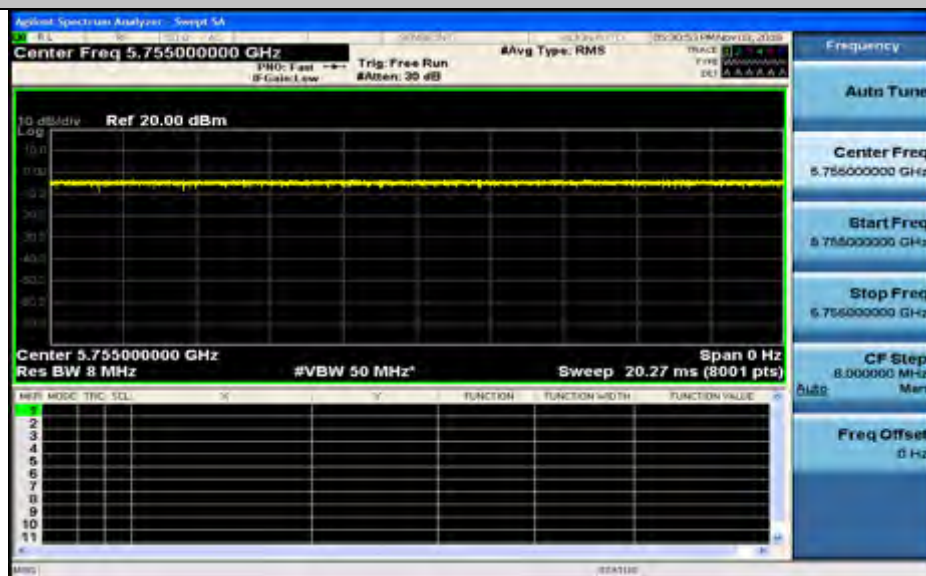
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Duty Cycle_11N40_5230_Ant1



Duty Cycle_11N40_5755_Ant1



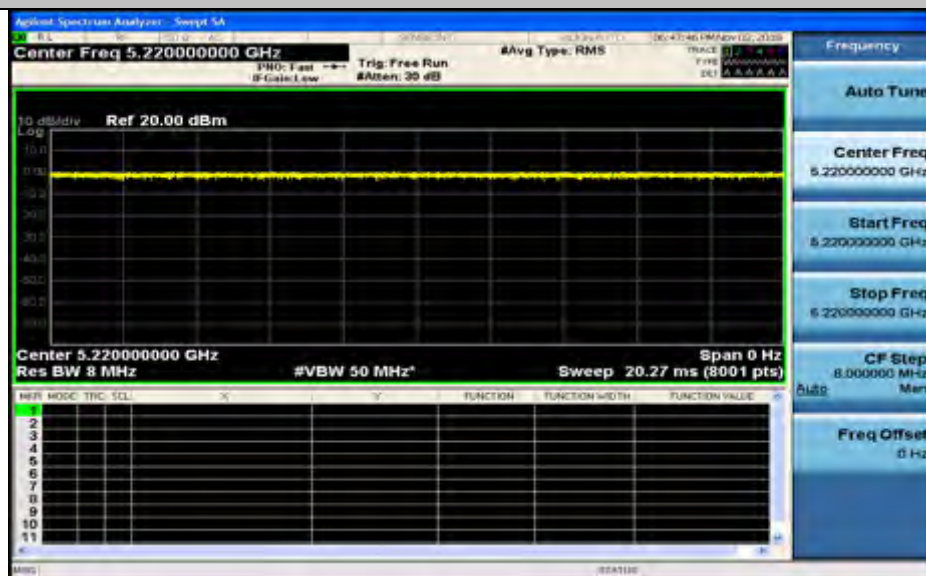
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Duty Cycle_11AC20_5180_Ant1



Duty Cycle_11AC20_5220_Ant1



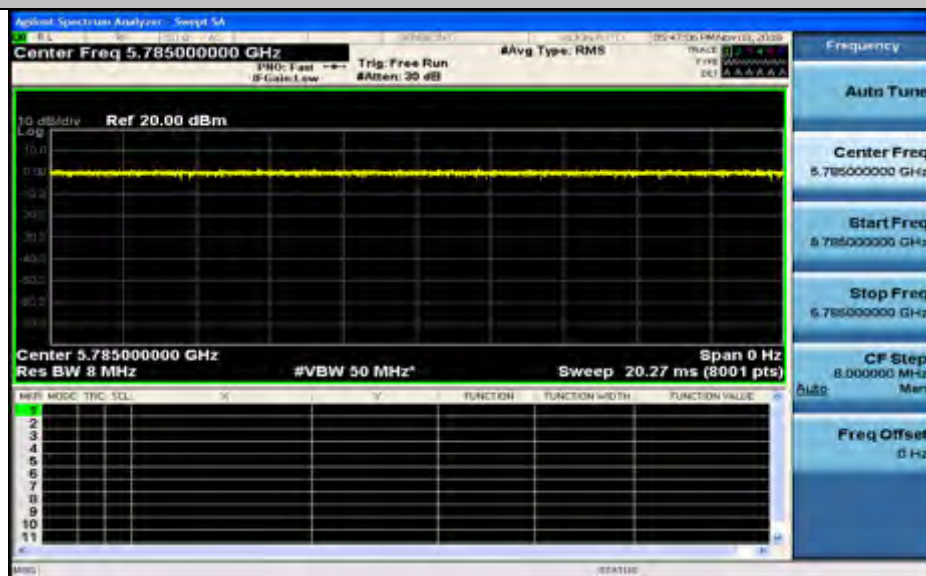
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Duty Cycle_11AC20_5745_Ant1



Duty Cycle_11AC20_5785_Ant1



Duty Cycle_11AC20_5825_Ant1



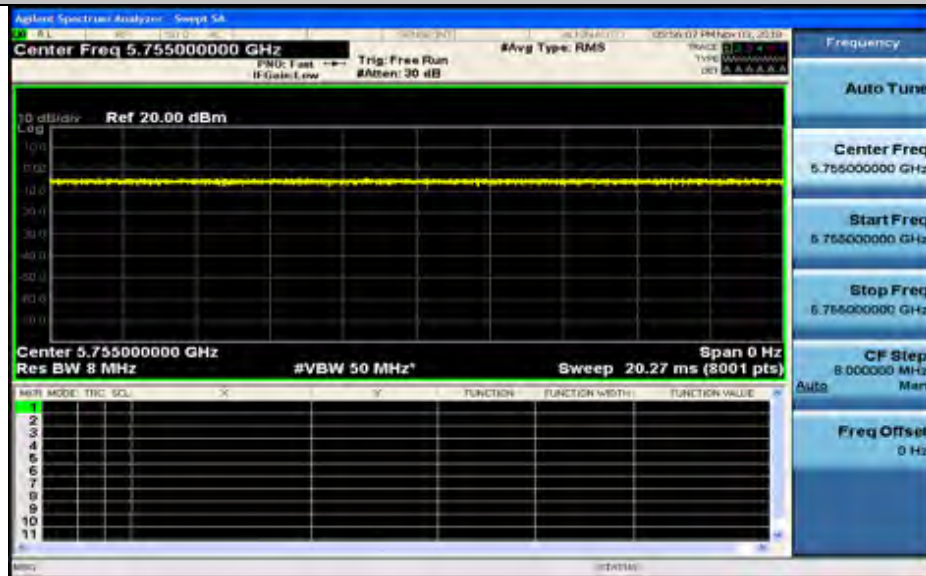
Duty Cycle_11AC40_5190_Ant1



Duty Cycle_11AC40_5230_Ant1



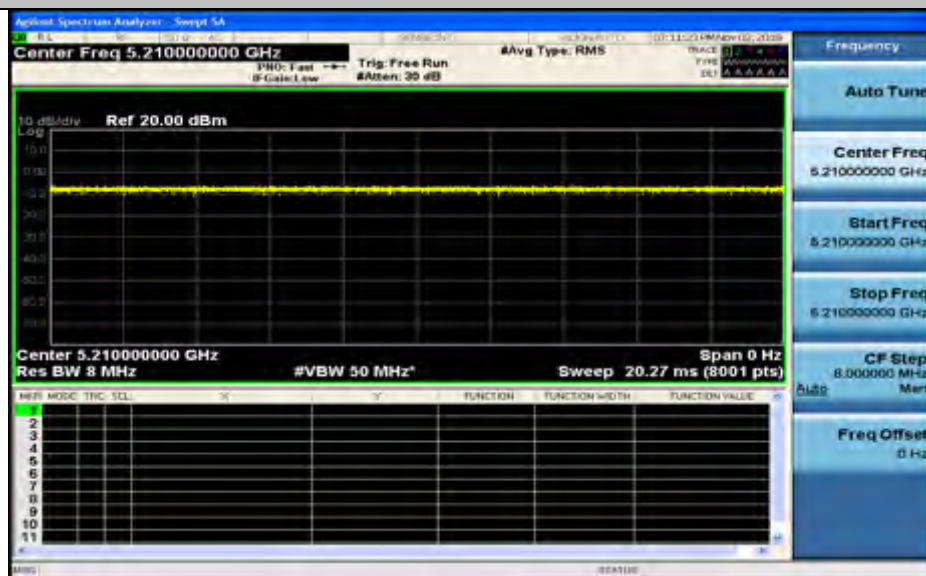
Duty Cycle_11AC40_5755_Ant1



Duty Cycle_11AC40_5795_Ant1



Duty Cycle_11AC80_5210_Ant1



Duty Cycle_11AC80_5775_Ant1

