

Appendix C for SHEM180500427003

1.(26dB)Emission Bandwidth Measurement

Test Mode	Test Channel	Ant	(26dB)EBW[MHz]	Limit[MHz]	Verdict
11A	5180	Ant1	19.33	---	PASS
11A	5220	Ant1	19.58	---	PASS
11A	5240	Ant1	19.80	---	PASS
11A	5745	Ant1	26.87	---	PASS
11A	5785	Ant1	23.42	---	PASS
11A	5825	Ant1	25.11	---	PASS
11N20	5180	Ant1	19.56	---	PASS
11N20	5220	Ant1	19.97	---	PASS
11N20	5240	Ant1	19.73	---	PASS
11N20	5745	Ant1	20.06	---	PASS
11N20	5785	Ant1	19.31	---	PASS
11N20	5825	Ant1	19.60	---	PASS
11N40	5190	Ant1	39.63	---	PASS
11N40	5230	Ant1	39.17	---	PASS
11N40	5755	Ant1	41.89	---	PASS
11N40	5795	Ant1	40.19	---	PASS
11AC20	5180	Ant1	19.49	---	PASS
11AC20	5220	Ant1	19.65	---	PASS
11AC20	5240	Ant1	19.89	---	PASS
11AC20	5745	Ant1	20.59	---	PASS
11AC20	5785	Ant1	20.04	---	PASS
11AC20	5825	Ant1	20.27	---	PASS
11AC40	5190	Ant1	39.80	---	PASS
11AC40	5230	Ant1	39.94	---	PASS
11AC40	5755	Ant1	40.60	---	PASS
11AC40	5795	Ant1	39.96	---	PASS
11AC80	5210	Ant1	79.80	---	PASS
11AC80	5775	Ant1	81.07	---	PASS

(26dB)Emission Bandwidth Measurement_11A_5180_Ant1



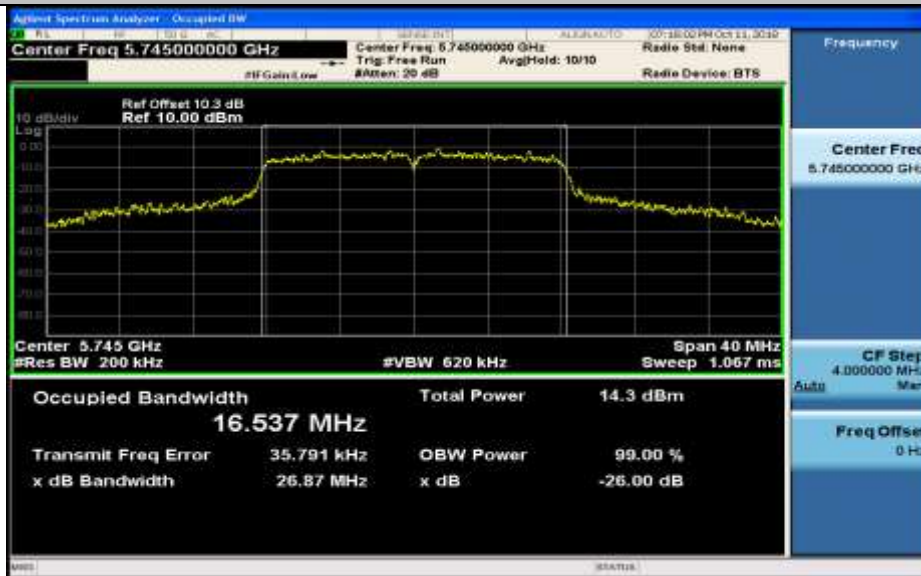
(26dB)Emission Bandwidth Measurement_11A_5220_Ant1



(26dB)Emission Bandwidth Measurement_11A_5240_Ant1



(26dB)Emission Bandwidth Measurement_11A_5745_Ant1



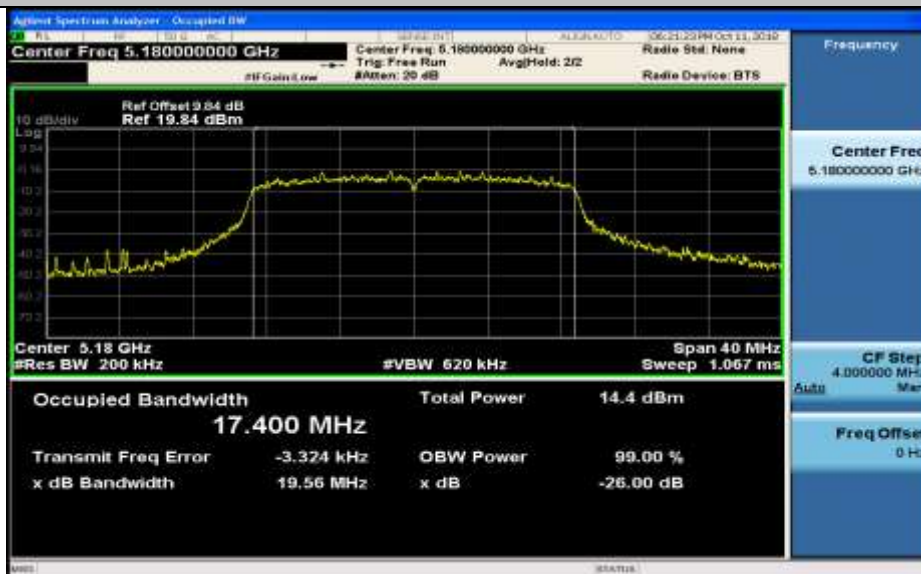
(26dB)Emission Bandwidth Measurement_11A_5785_Ant1



(26dB)Emission Bandwidth Measurement_11A_5825_Ant1



(26dB)Emission Bandwidth Measurement_11N20_5180_Ant1



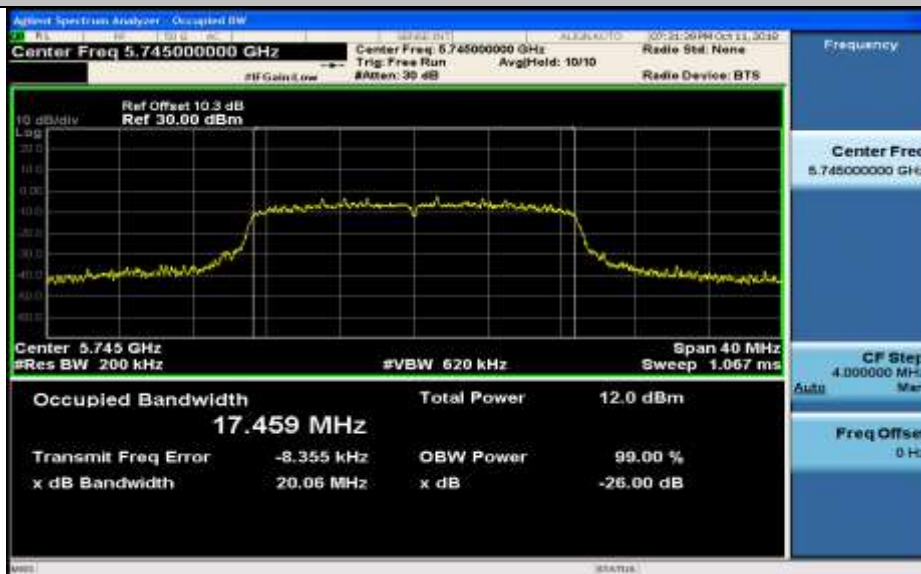
(26dB)Emission Bandwidth Measurement_11N20_5220_Ant1



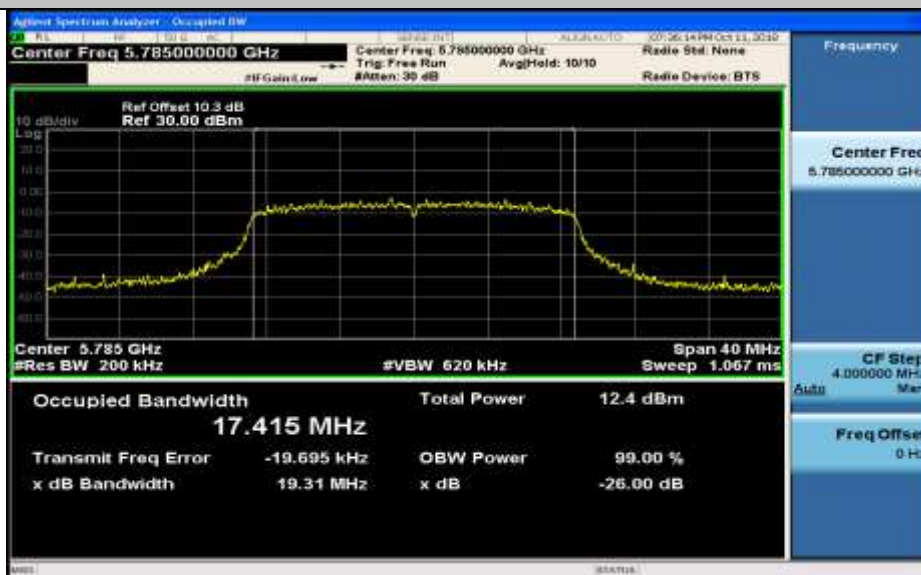
(26dB)Emission Bandwidth Measurement_11N20_5240_Ant1



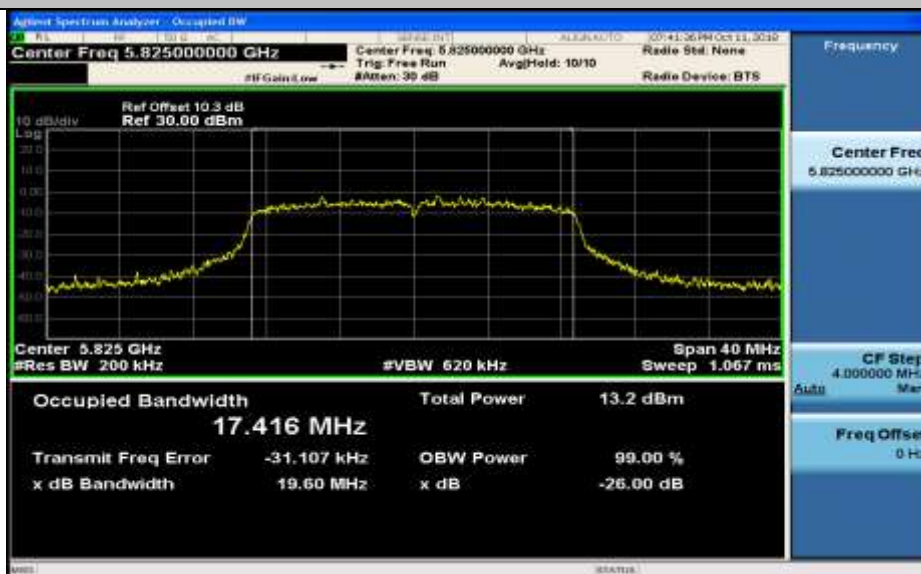
(26dB)Emission Bandwidth Measurement_11N20_5745_Ant1



(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



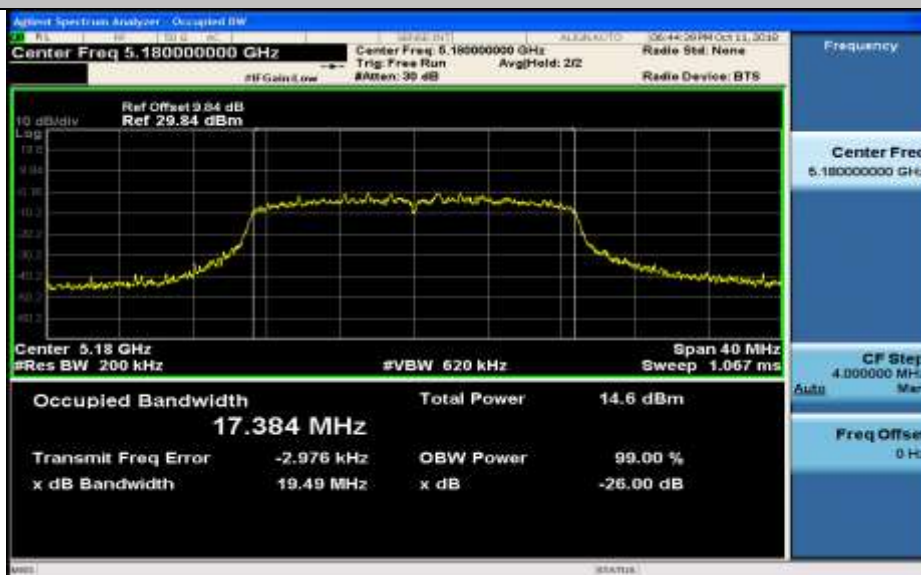
(26dB)Emission Bandwidth Measurement_11N40_5755_Ant1



(26dB)Emission Bandwidth Measurement_11N40_5795_Ant1



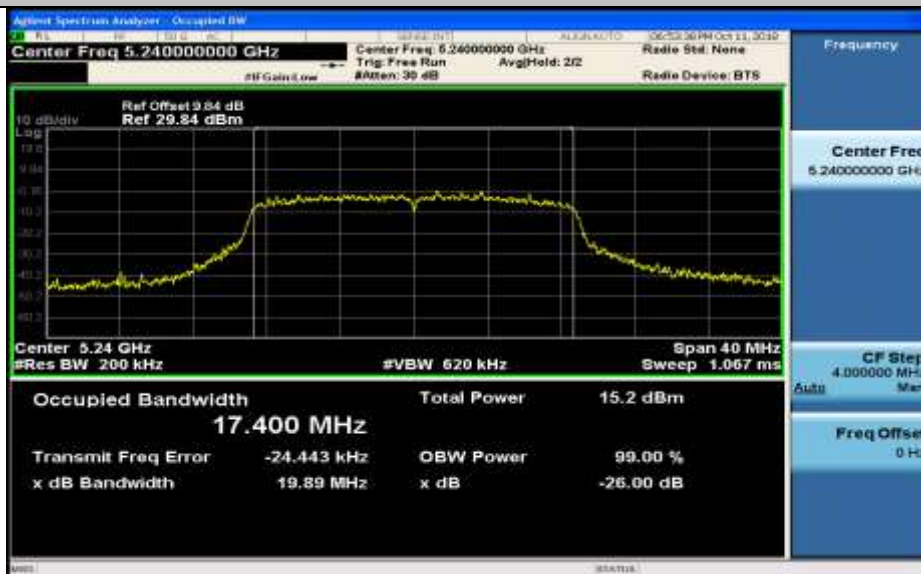
(26dB)Emission Bandwidth Measurement_11AC20_5180_Ant1



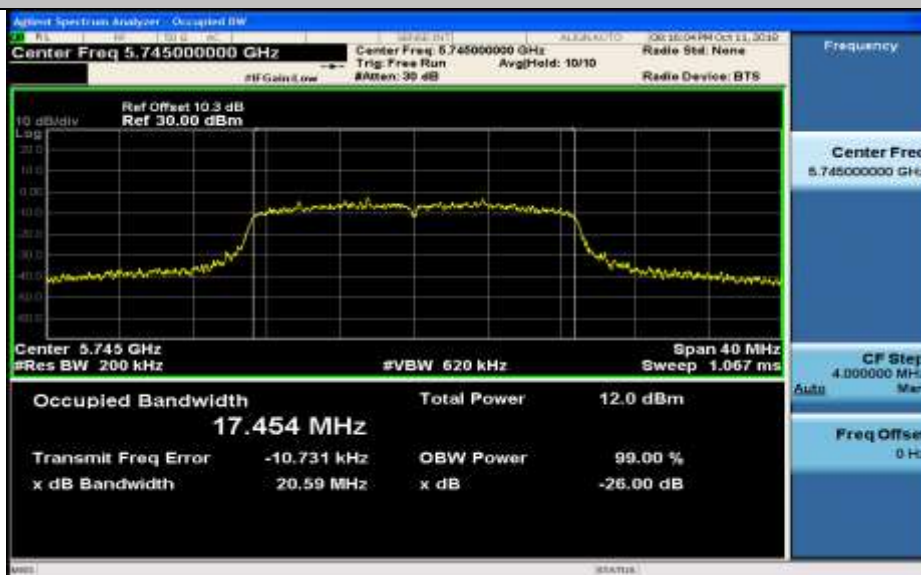
(26dB)Emission Bandwidth Measurement_11AC20_5220_Ant1



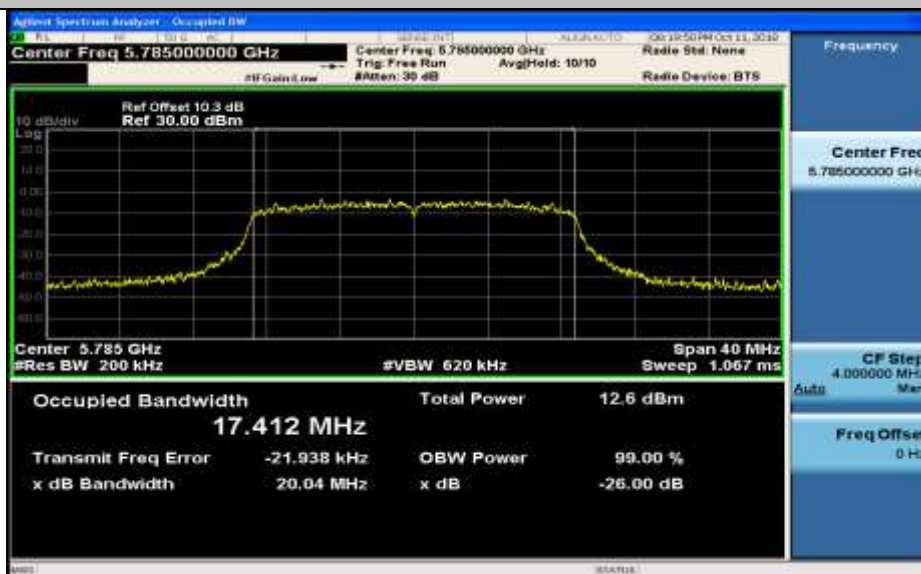
(26dB)Emission Bandwidth Measurement_11AC20_5240_Ant1



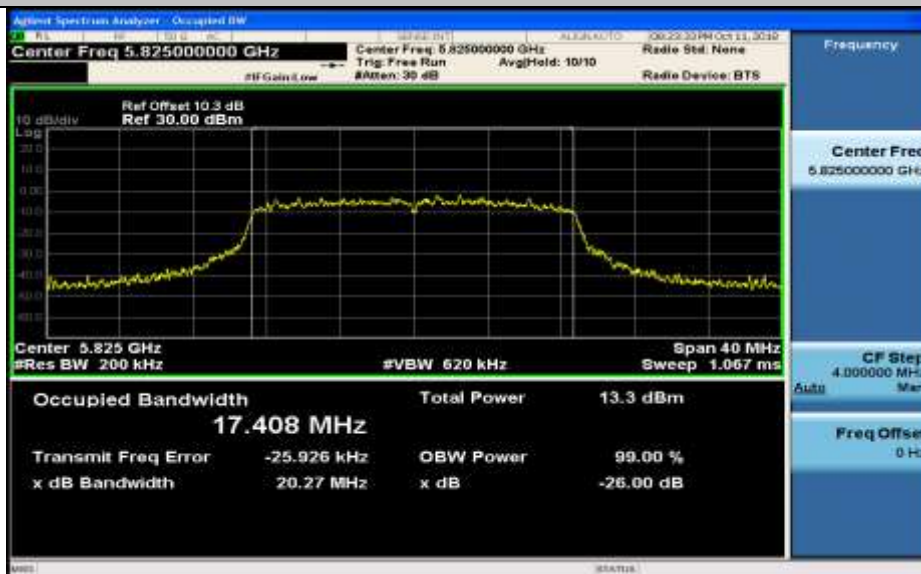
(26dB)Emission Bandwidth Measurement_11AC20_5745_Ant1



(26dB)Emission Bandwidth Measurement_11AC20_5785_Ant1



(26dB)Emission Bandwidth Measurement_11AC20_5825_Ant1



(26dB)Emission Bandwidth Measurement_11AC40_5190_Ant1



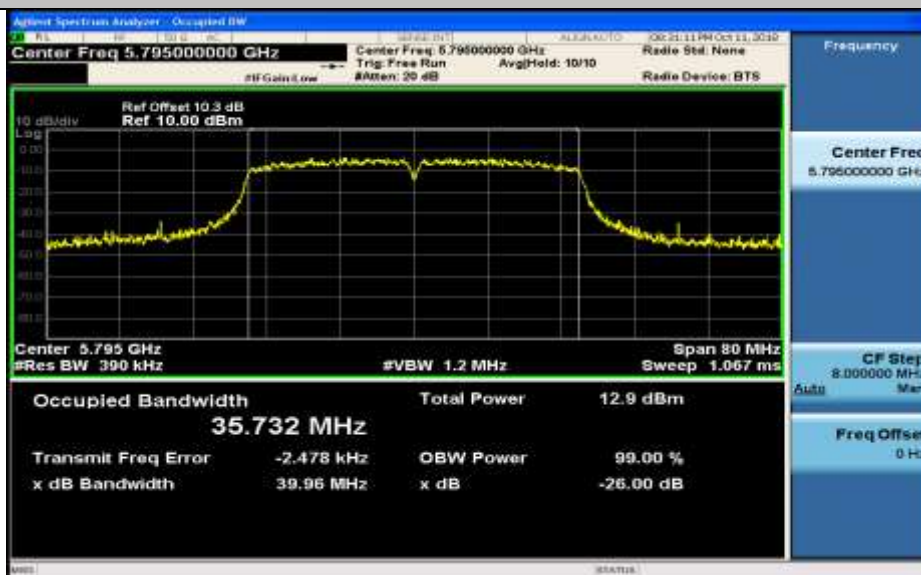
(26dB)Emission Bandwidth Measurement_11AC40_5230_Ant1



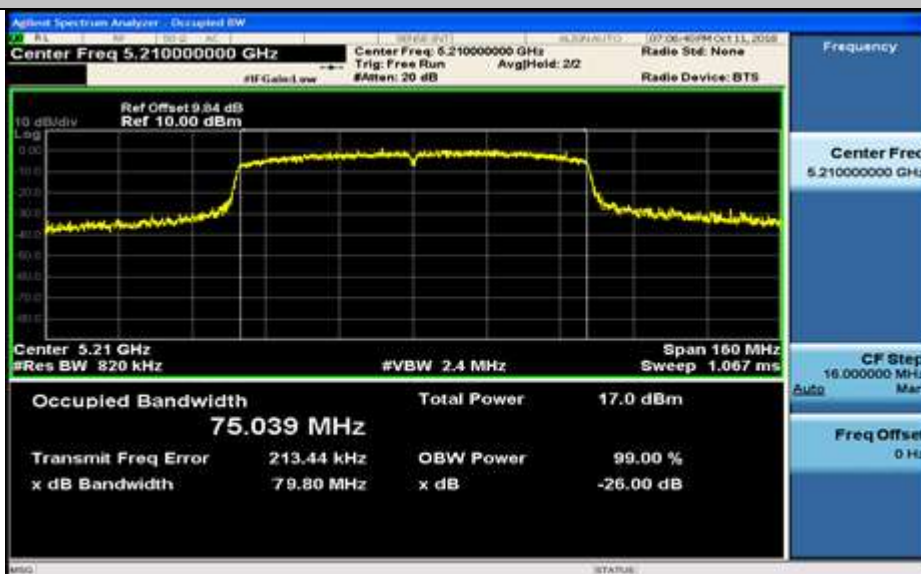
(26dB)Emission Bandwidth Measurement_11AC40_5755_Ant1



(26dB)Emission Bandwidth Measurement_11AC40_5795_Ant1



(26dB)Emission Bandwidth Measurement_11AC80_5210_Ant1



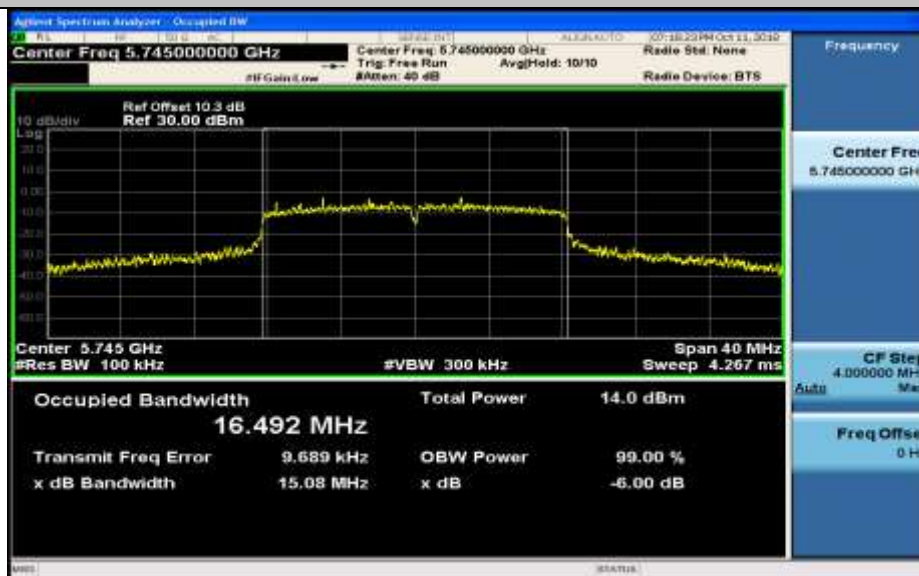
(26dB)Emission Bandwidth Measurement_11AC80_5775_Ant1



2.(6dB)Minimum Emission Bandwidth Measurement

Test Mode	Test Channel	Ant	(6dB)EBW[MHz]	Limit[MHz]	Verdict
11A	5745	Ant1	15.08	0.5	PASS
11A	5785	Ant1	15.07	0.5	PASS
11A	5825	Ant1	13.84	0.5	PASS
11N20	5745	Ant1	15.05	0.5	PASS
11N20	5785	Ant1	14.19	0.5	PASS
11N20	5825	Ant1	14.74	0.5	PASS
11N40	5755	Ant1	35.01	0.5	PASS
11N40	5795	Ant1	35.09	0.5	PASS
11AC20	5745	Ant1	13.94	0.5	PASS
11AC20	5785	Ant1	15.13	0.5	PASS
11AC20	5825	Ant1	15.45	0.5	PASS
11AC40	5755	Ant1	33.85	0.5	PASS
11AC40	5795	Ant1	33.77	0.5	PASS
11AC80	5775	Ant1	70.01	0.5	PASS

(6dB)Minimum Emission Bandwidth Measurement_11A_5745_Ant1



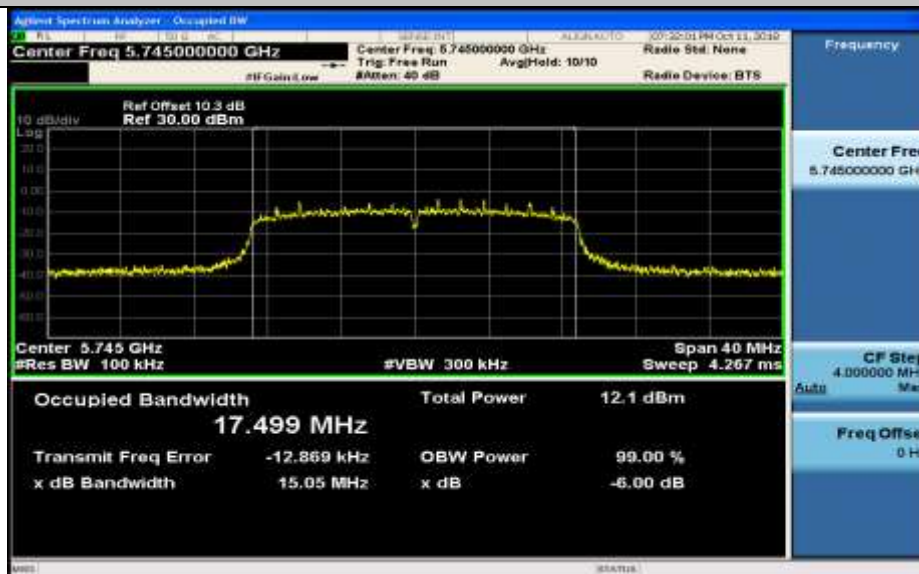
(6dB)Minimum Emission Bandwidth Measurement_11A_5785_Ant1



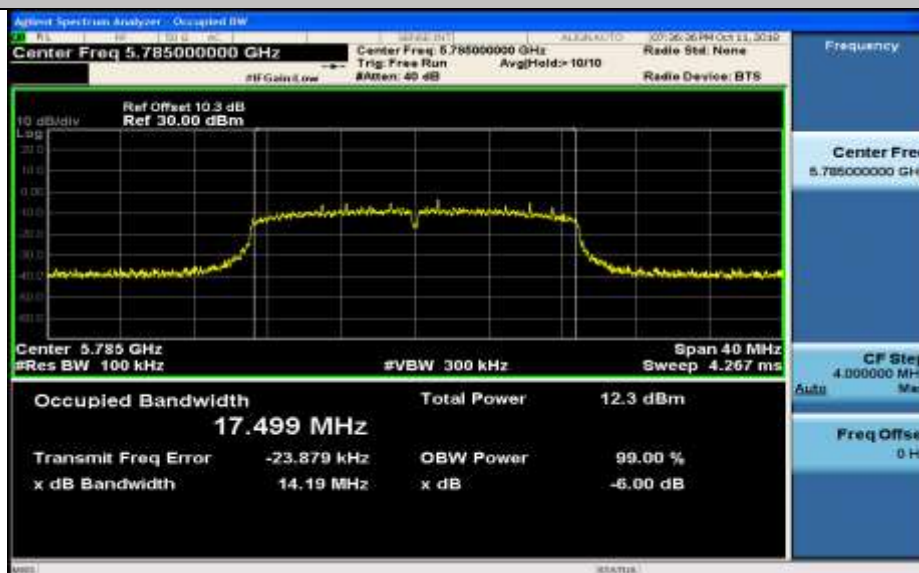
(6dB)Minimum Emission Bandwidth Measurement_11A_5825_Ant1



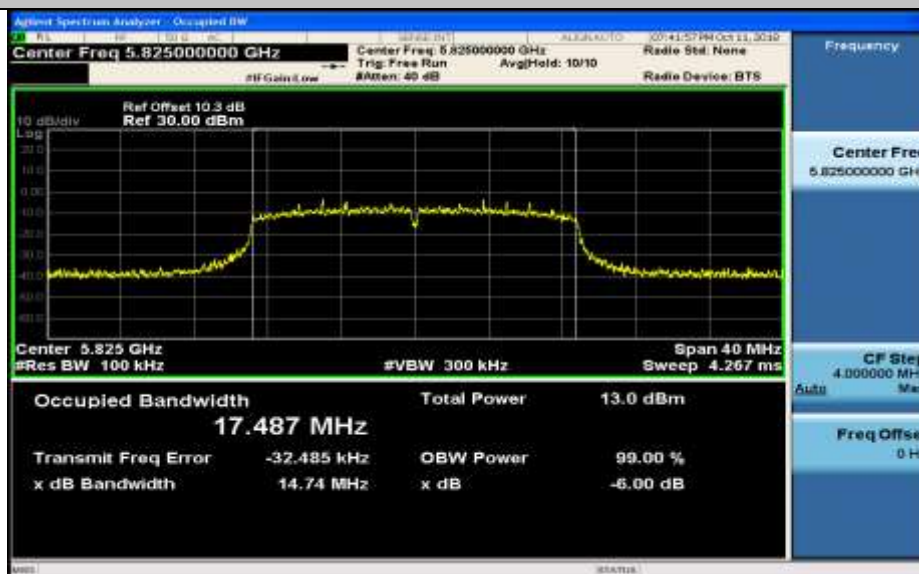
(6dB)Minimum Emission Bandwidth Measurement_11N20_5745_Ant1



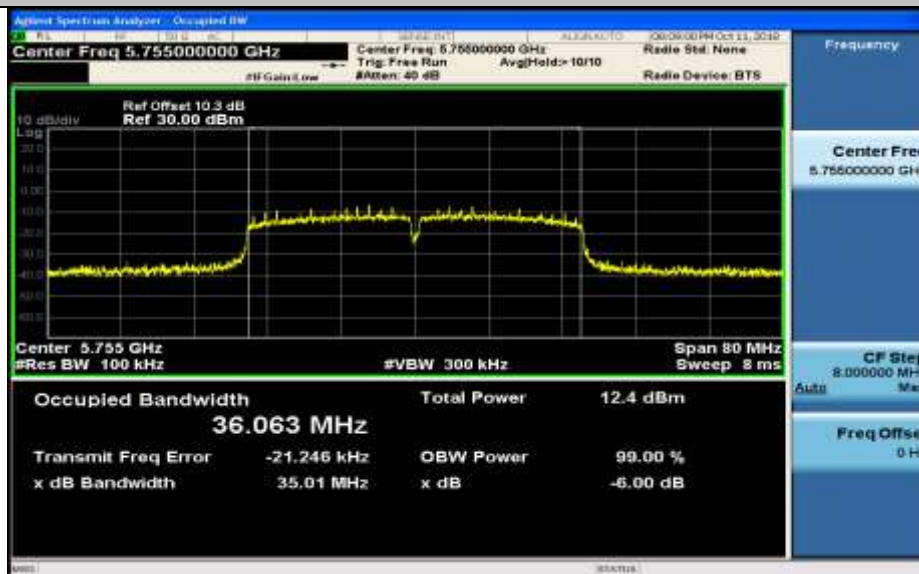
(6dB)Minimum Emission Bandwidth Measurement_11N20_5785_Ant1



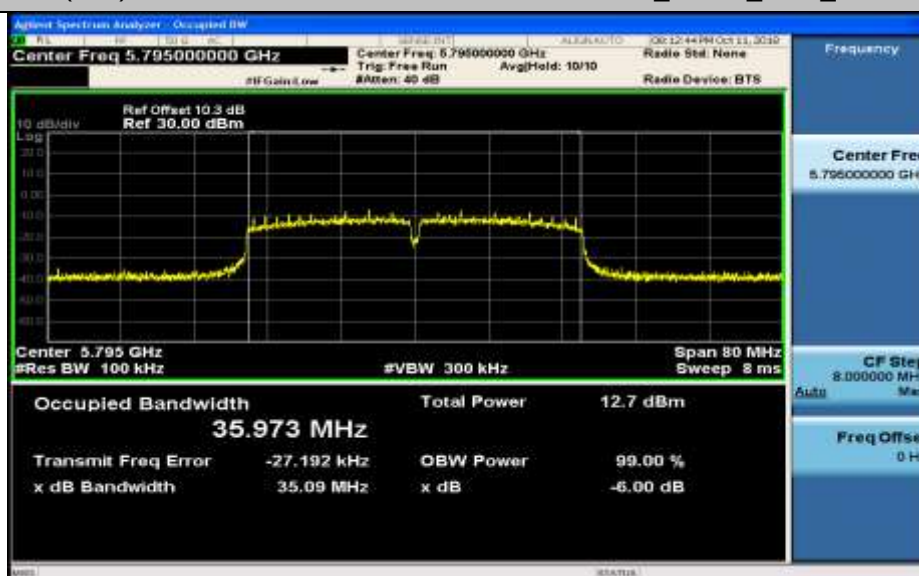
(6dB)Minimum Emission Bandwidth Measurement_11N20_5825_Ant1



(6dB)Minimum Emission Bandwidth Measurement_11N40_5755_Ant1



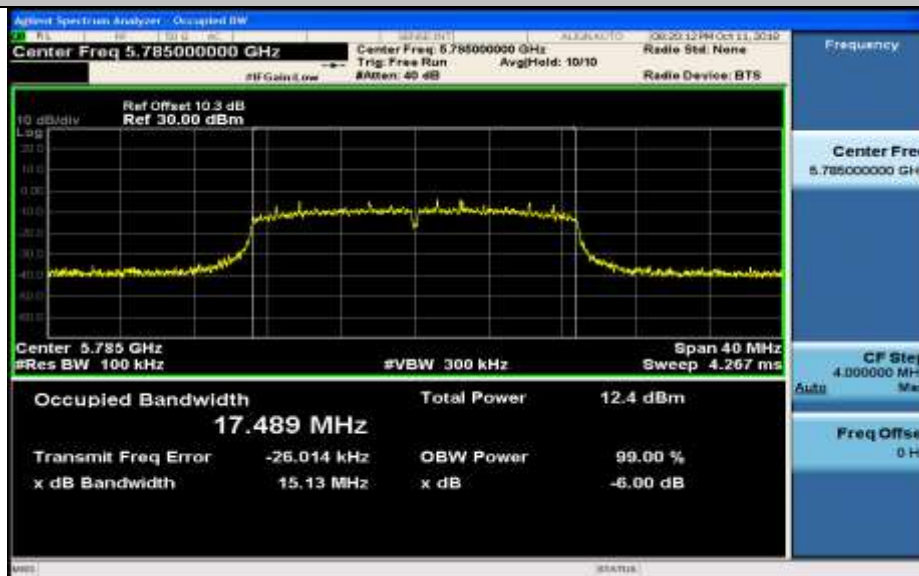
(6dB)Minimum Emission Bandwidth Measurement_11N40_5795_Ant1



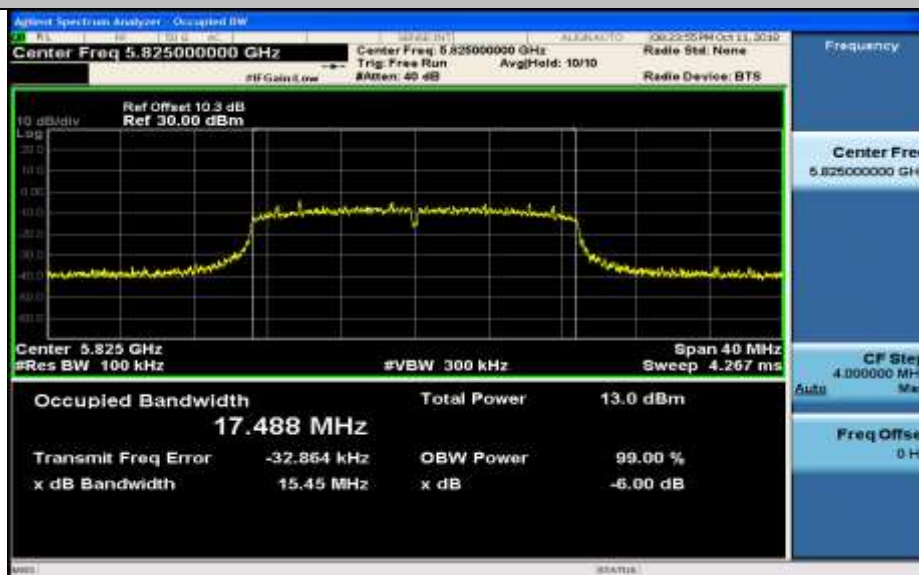
(6dB)Minimum Emission Bandwidth Measurement_11AC20_5745_Ant1



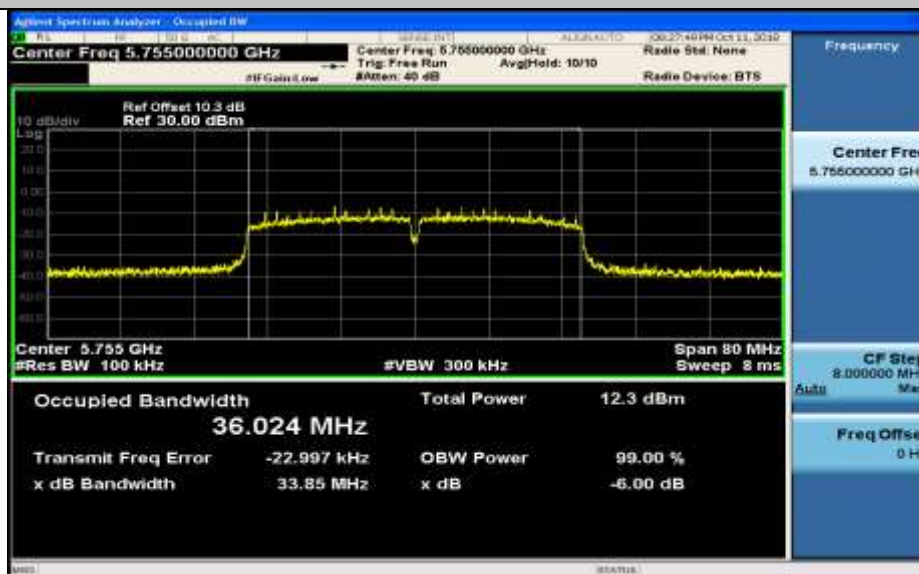
(6dB)Minimum Emission Bandwidth Measurement_11AC20_5785_Ant1



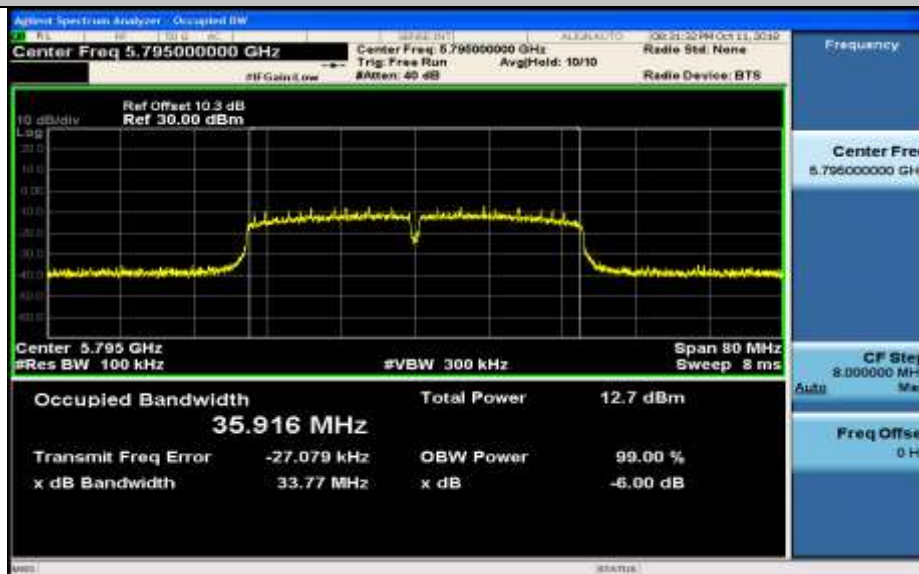
(6dB)Minimum Emission Bandwidth Measurement_11AC20_5825_Ant1



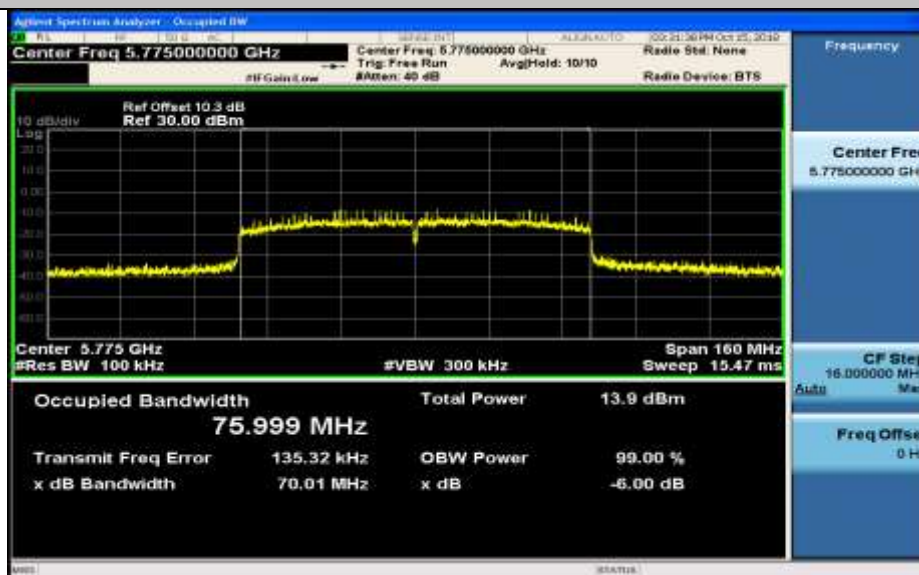
(6dB)Minimum Emission Bandwidth Measurement_11AC40_5755_Ant1



(6dB)Minimum Emission Bandwidth Measurement_11AC40_5795_Ant1



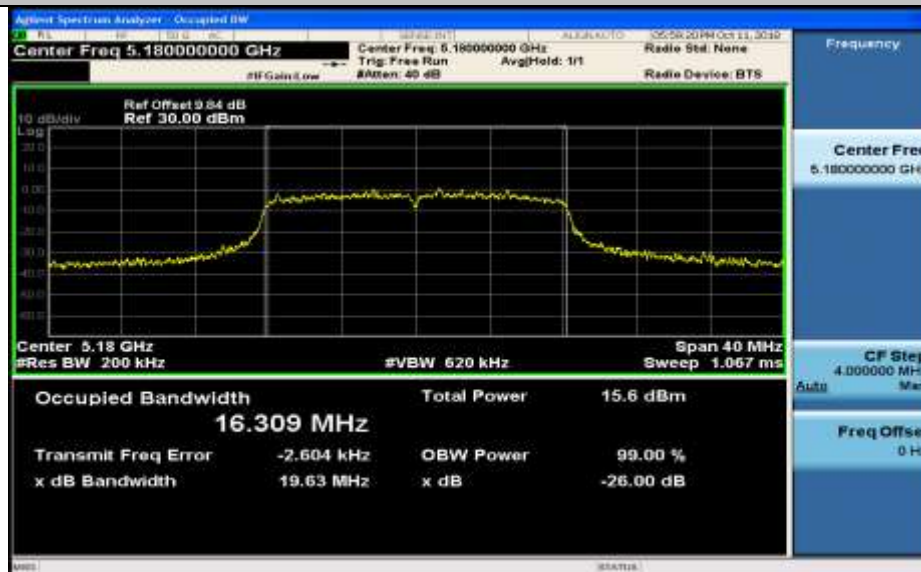
(6dB)Minimum Emission Bandwidth Measurement_11AC80_5775_Ant1



3.Occupied Bandwidth Measurement

Test Mode	Test Channel	Ant	OBW[MHz]	Limit[MHz]	Verdict
11A	5180	Ant1	16.31	---	PASS
11A	5220	Ant1	16.27	---	PASS
11A	5240	Ant1	16.33	---	PASS
11A	5745	Ant1	16.71	---	PASS
11A	5785	Ant1	16.54	---	PASS
11A	5825	Ant1	16.59	---	PASS
11N20	5180	Ant1	17.44	---	PASS
11N20	5220	Ant1	17.42	---	PASS
11N20	5240	Ant1	17.42	---	PASS
11N20	5745	Ant1	17.55	---	PASS
11N20	5785	Ant1	17.49	---	PASS
11N20	5825	Ant1	17.48	---	PASS
11N40	5190	Ant1	35.92	---	PASS
11N40	5230	Ant1	35.94	---	PASS
11N40	5755	Ant1	36.37	---	PASS
11N40	5795	Ant1	36.29	---	PASS
11AC20	5180	Ant1	17.46	---	PASS
11AC20	5220	Ant1	17.41	---	PASS
11AC20	5240	Ant1	17.45	---	PASS
11AC20	5745	Ant1	17.53	---	PASS
11AC20	5785	Ant1	17.51	---	PASS
11AC20	5825	Ant1	17.48	---	PASS
11AC40	5190	Ant1	35.94	---	PASS
11AC40	5230	Ant1	35.92	---	PASS
11AC40	5755	Ant1	36.31	---	PASS
11AC40	5795	Ant1	36.24	---	PASS
11AC80	5210	Ant1	75.32	---	PASS
11AC80	5775	Ant1	76.12	---	PASS

Occupied Bandwidth Measurement_11A_5180_Ant1



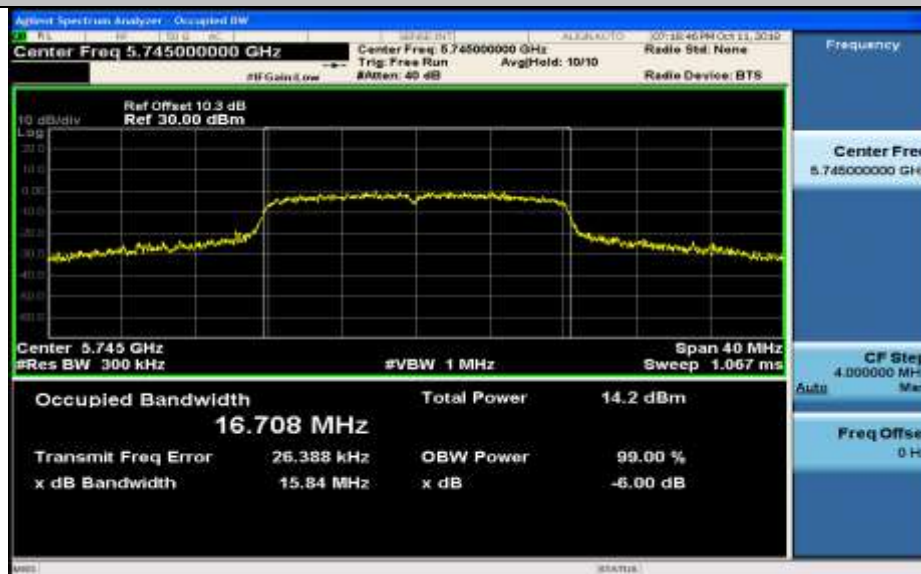
Occupied Bandwidth Measurement_11A_5220_Ant1



Occupied Bandwidth Measurement_11A_5240_Ant1



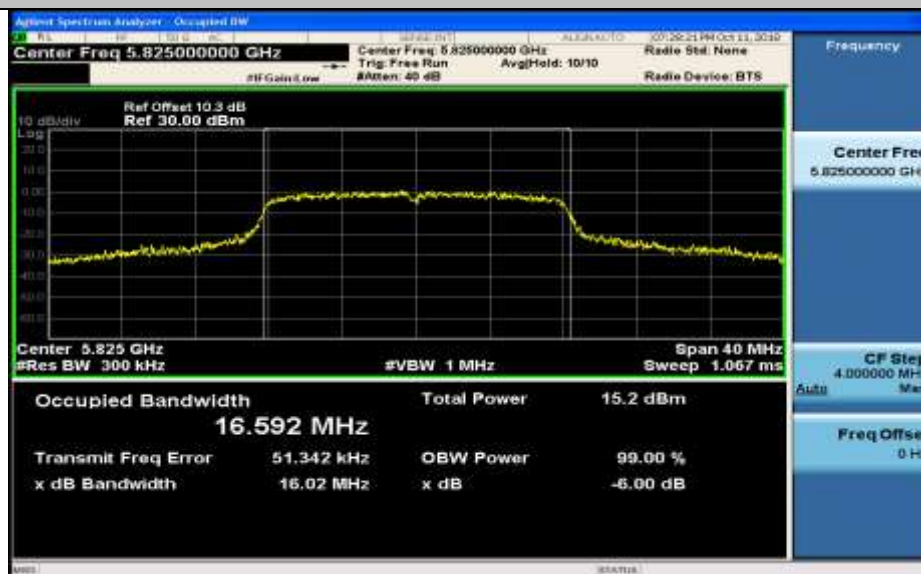
Occupied Bandwidth Measurement_11A_5745_Ant1



Occupied Bandwidth Measurement_11A_5785_Ant1



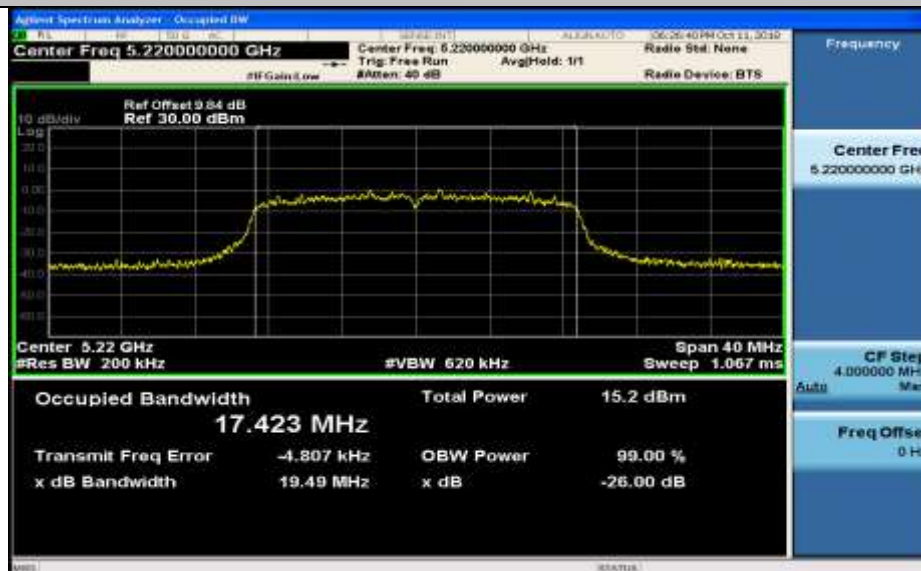
Occupied Bandwidth Measurement_11A_5825_Ant1



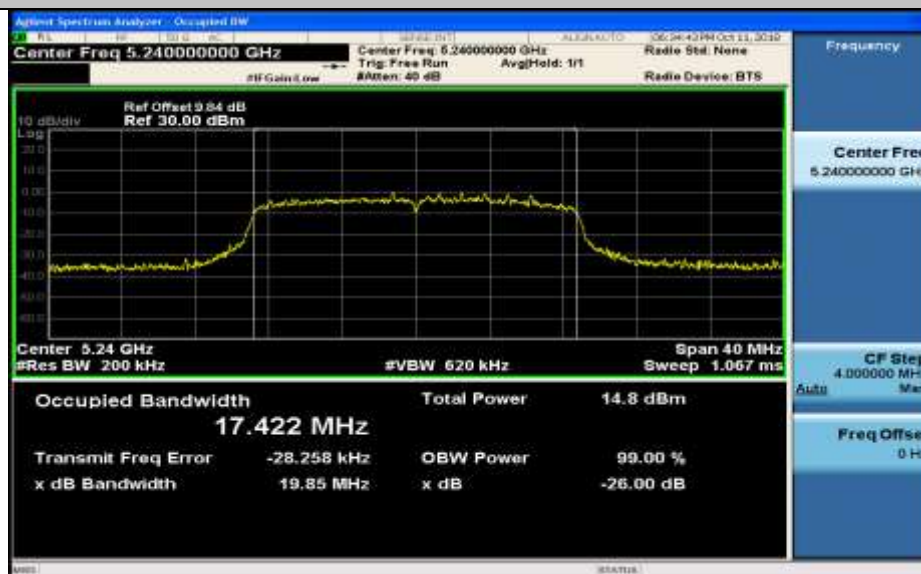
Occupied Bandwidth Measurement_11N20_5180_Ant1



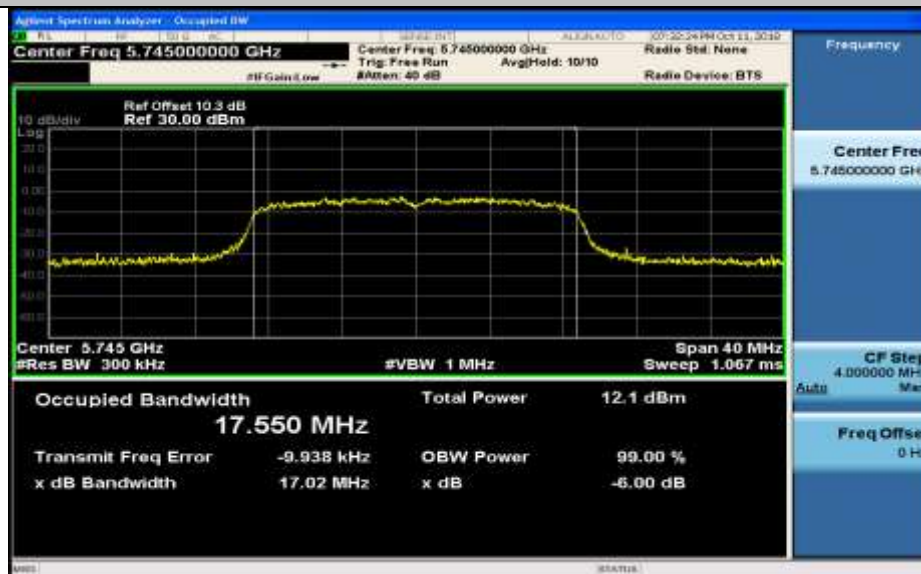
Occupied Bandwidth Measurement_11N20_5220_Ant1



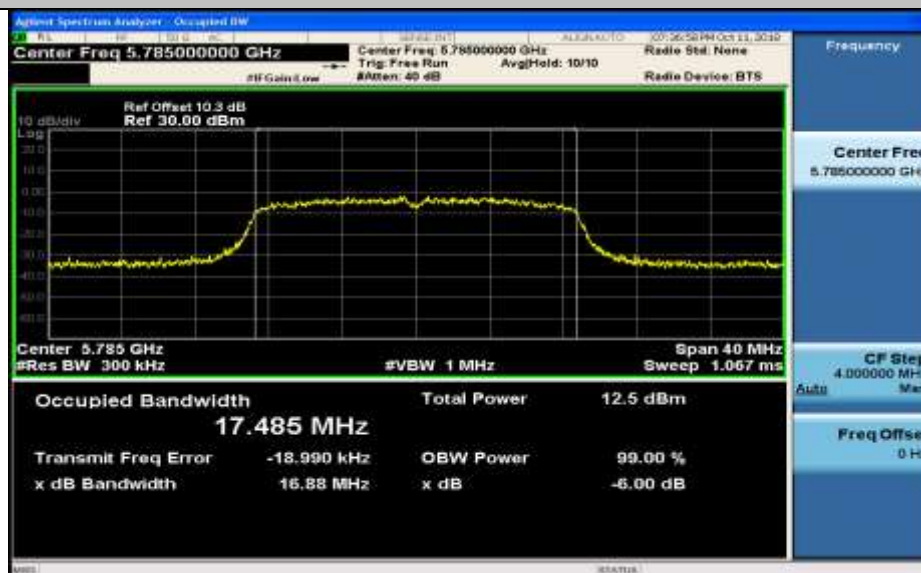
Occupied Bandwidth Measurement_11N20_5240_Ant1



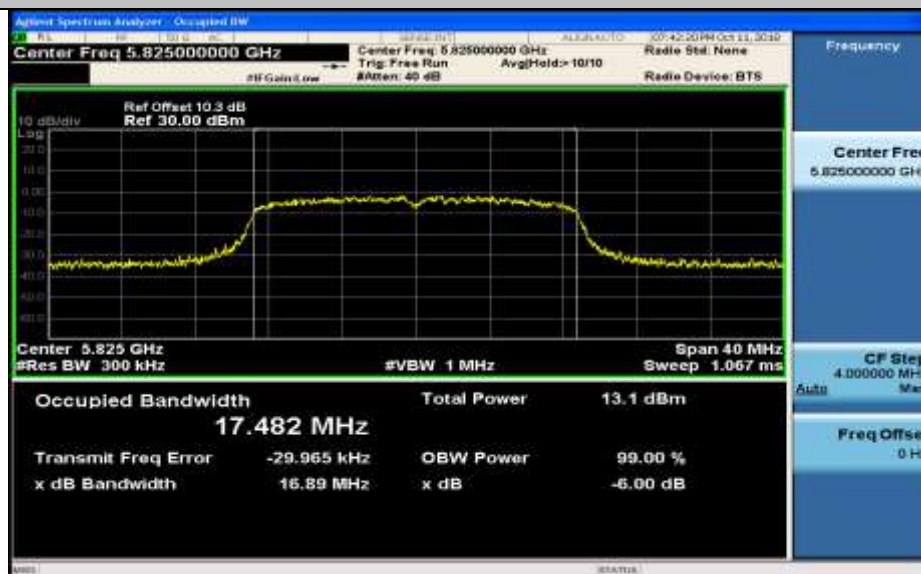
Occupied Bandwidth Measurement_11N20_5745_Ant1



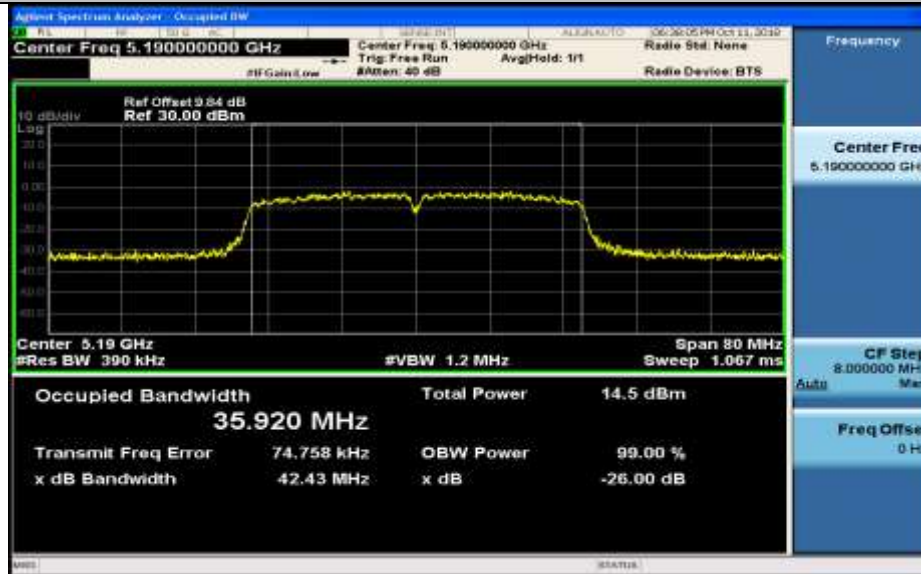
Occupied Bandwidth Measurement_11N20_5785_Ant1



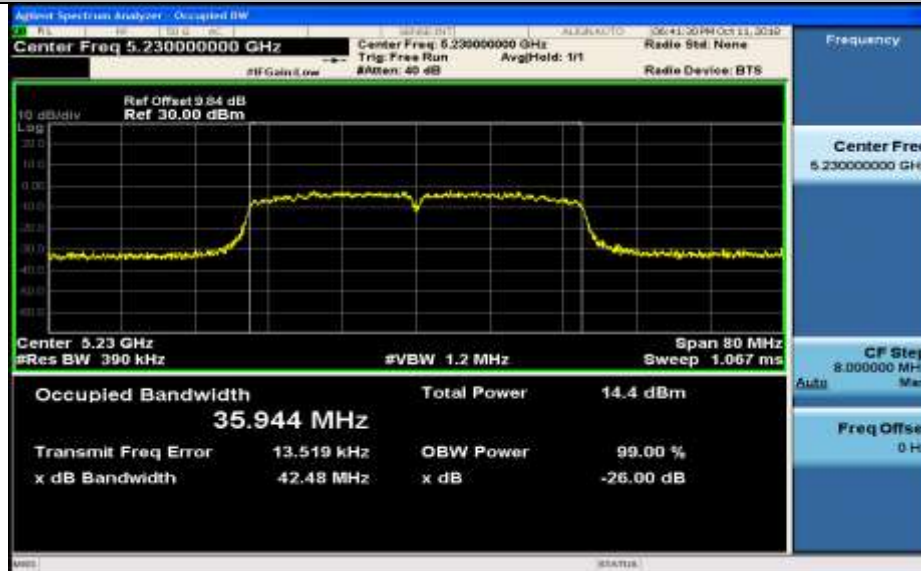
Occupied Bandwidth Measurement_11N20_5825_Ant1



Occupied Bandwidth Measurement_11N40_5190_Ant1



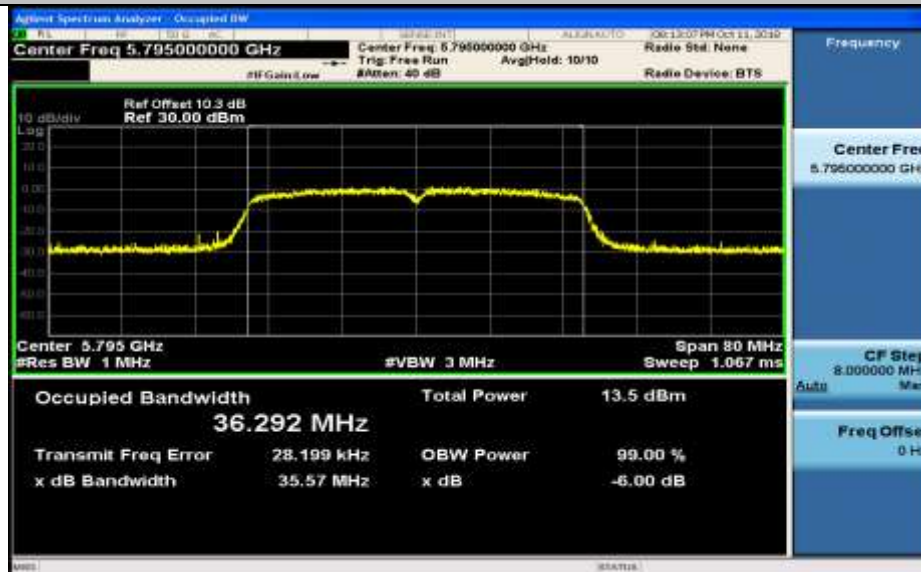
Occupied Bandwidth Measurement_11N40_5230_Ant1



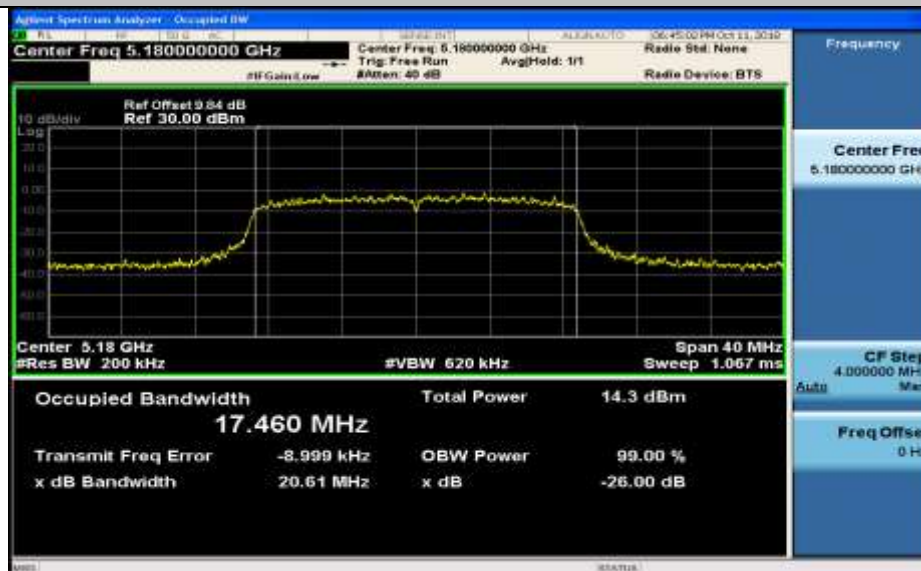
Occupied Bandwidth Measurement_11N40_5755_Ant1



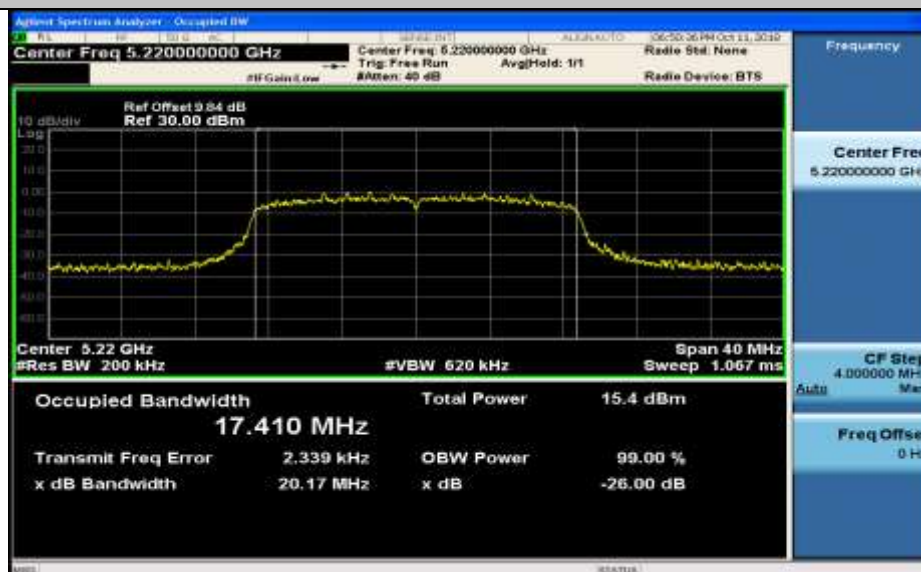
Occupied Bandwidth Measurement_11N40_5795_Ant1



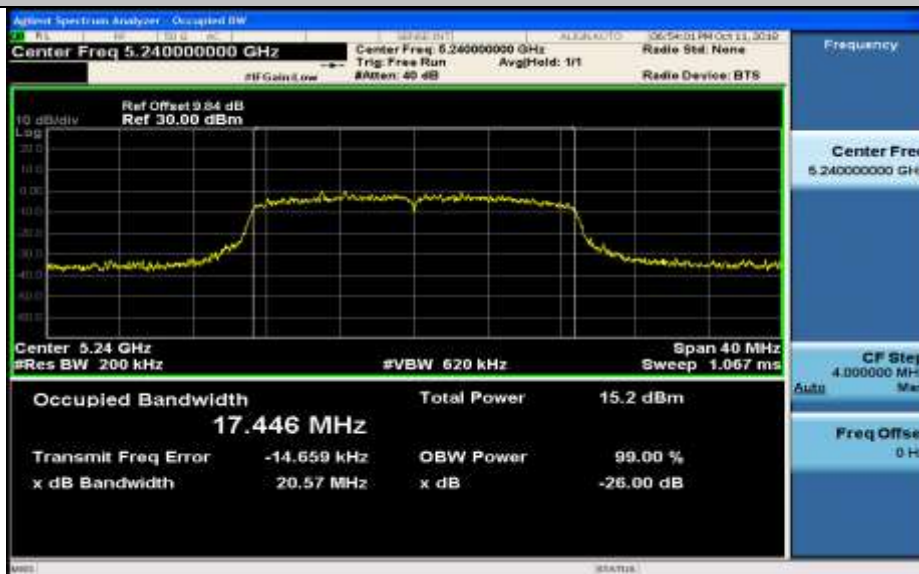
Occupied Bandwidth Measurement_11AC20_5180_Ant1



Occupied Bandwidth Measurement_11AC20_5220_Ant1



Occupied Bandwidth Measurement_11AC20_5240_Ant1



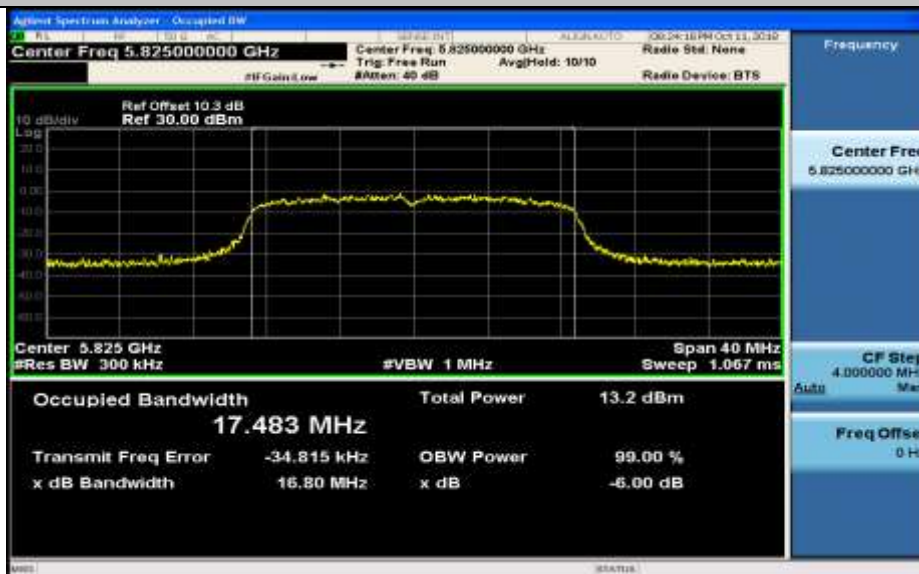
Occupied Bandwidth Measurement_11AC20_5745_Ant1



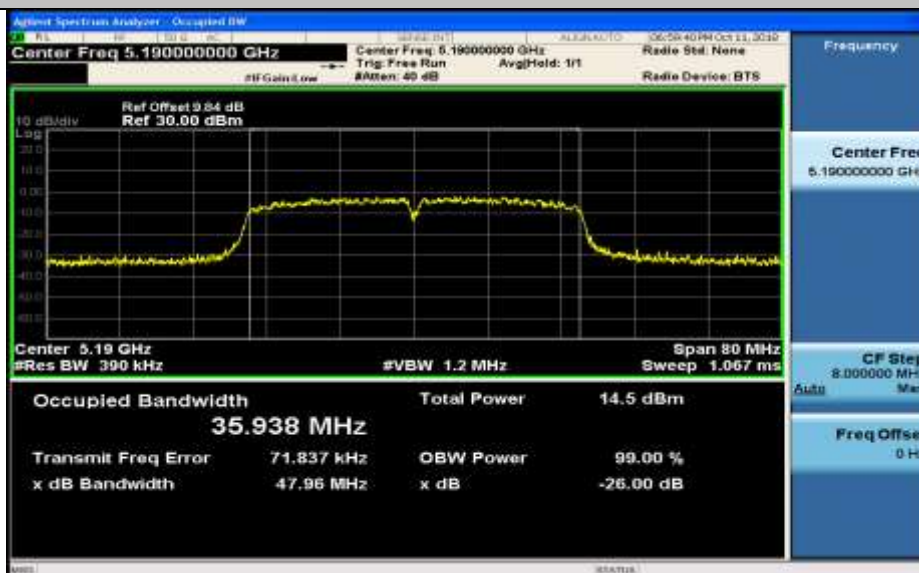
Occupied Bandwidth Measurement_11AC20_5785_Ant1



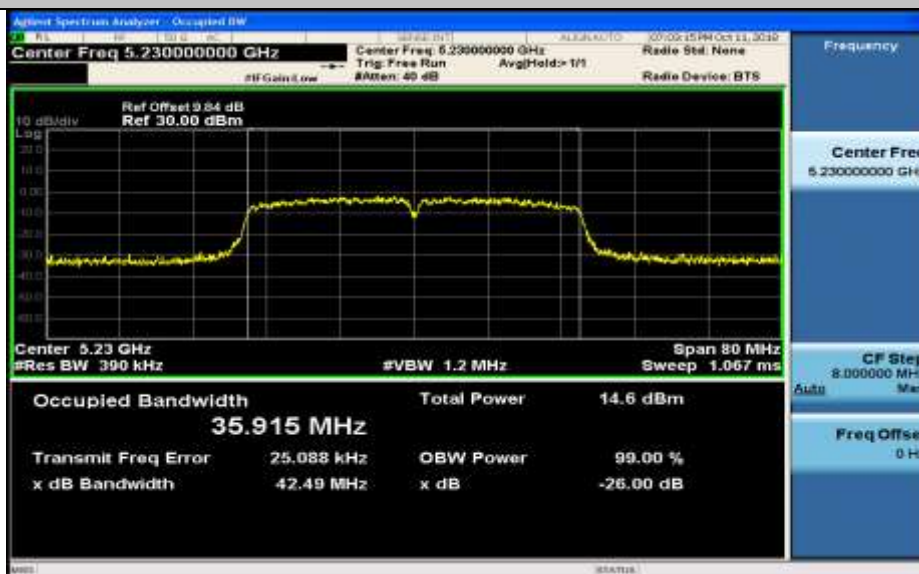
Occupied Bandwidth Measurement_11AC20_5825_Ant1



Occupied Bandwidth Measurement_11AC40_5190_Ant1



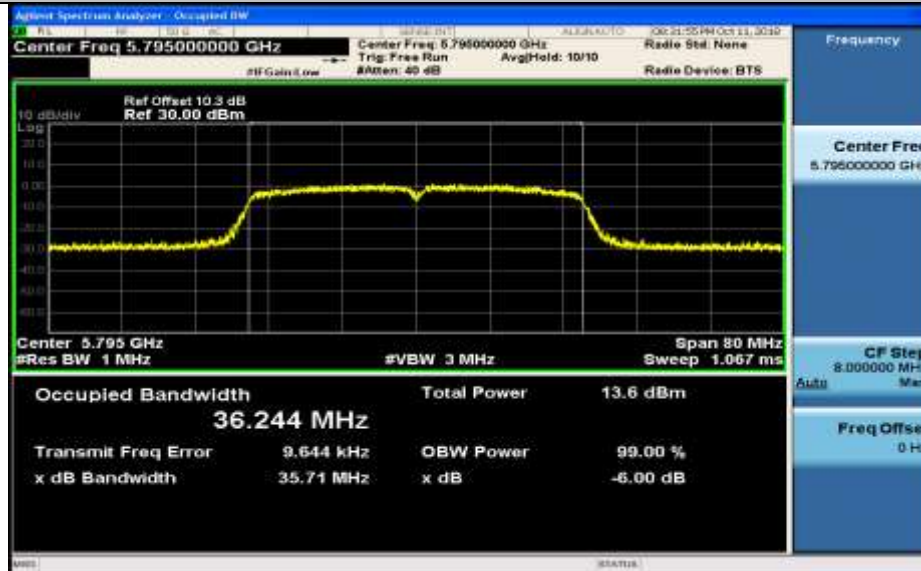
Occupied Bandwidth Measurement_11AC40_5230_Ant1



Occupied Bandwidth Measurement_11AC40_5755_Ant1



Occupied Bandwidth Measurement_11AC40_5795_Ant1



Occupied Bandwidth Measurement_11AC80_5210_Ant1



Occupied Bandwidth Measurement_11AC80_5775_Ant1



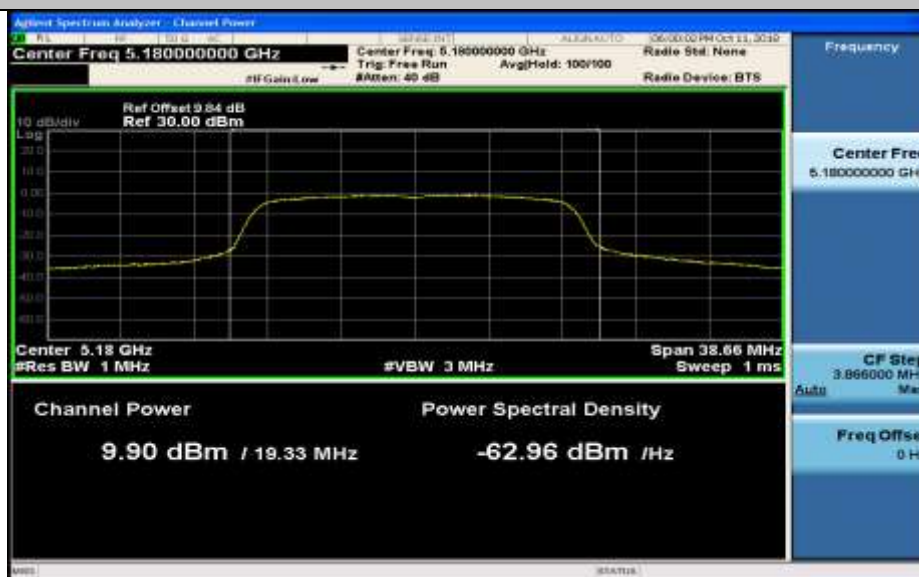
4.Maximum Conduct Output Power for FCC

Test Mode	Test Channel	Ant	Level [dBm]	10log(1/x) Factor [dB]	Power [dBm]	Limit [dBm]	Verdict
11A	5180	Ant1	9.9	0.23	10.13	23.98	PASS
11A	5220	Ant1	10.77	0.23	11	23.98	PASS
11A	5240	Ant1	10.58	0.23	10.81	23.98	PASS
11A	5745	Ant1	7.88	0.23	8.11	30.00	PASS
11A	5785	Ant1	8.29	0.30	8.59	30.00	PASS
11A	5825	Ant1	8.8	0.34	9.14	30.00	PASS
11N20	5180	Ant1	7.93	0.40	8.33	23.98	PASS
11N20	5220	Ant1	8.7	0.25	8.95	23.98	PASS
11N20	5240	Ant1	8.32	0.38	8.7	23.98	PASS
11N20	5745	Ant1	5.6	0.36	5.96	30.00	PASS
11N20	5785	Ant1	6.12	0.25	6.37	30.00	PASS
11N20	5825	Ant1	6.7	0.25	6.95	30.00	PASS
11N40	5190	Ant1	8.11	0.49	8.6	23.98	PASS
11N40	5230	Ant1	8.16	0.45	8.61	23.98	PASS
11N40	5755	Ant1	6.03	0.52	6.55	30.00	PASS
11N40	5795	Ant1	6.33	0.49	6.82	30.00	PASS
11AC20	5180	Ant1	8	0.24	8.24	23.98	PASS
11AC20	5220	Ant1	8.78	0.33	9.11	23.98	PASS
11AC20	5240	Ant1	8.81	0.36	9.17	23.98	PASS
11AC20	5745	Ant1	5.74	0.38	6.12	30.00	PASS
11AC20	5785	Ant1	6.14	0.24	6.38	30.00	PASS
11AC20	5825	Ant1	6.79	0.24	7.03	30.00	PASS
11AC40	5190	Ant1	8.2	0.56	8.76	23.98	PASS
11AC40	5230	Ant1	8.11	0.45	8.56	23.98	PASS
11AC40	5755	Ant1	6.06	0.70	6.76	30.00	PASS
11AC40	5795	Ant1	6.4	0.48	6.88	30.00	PASS
11AC80	5210	Ant1	9.63	0.89	10.52	23.98	PASS
11AC80	5775	Ant1	9.27	0.95	10.22	30.00	PASS

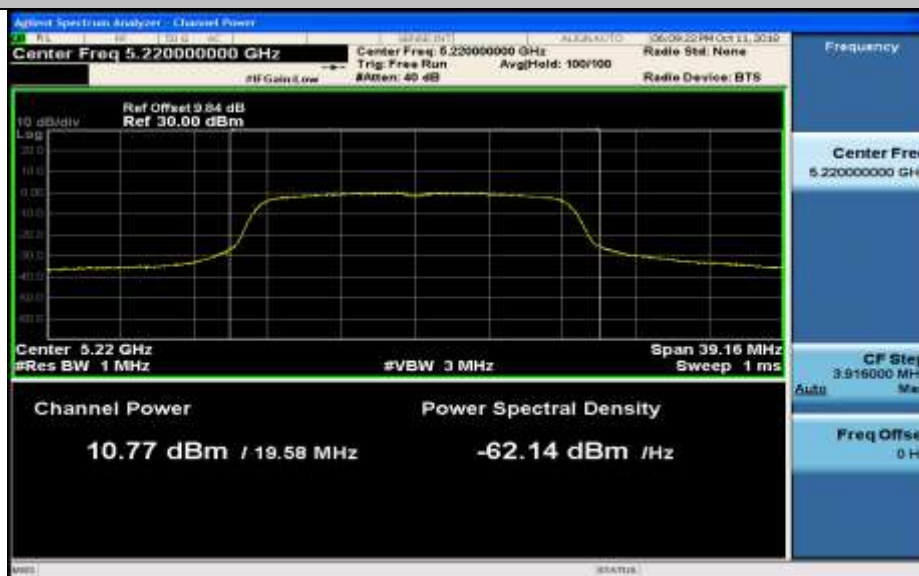
5.Maximum Output Power for ISED

Test Mode	Test Channel	Ant	Level [dBm]	10log(1/x) Factor [dB]	Power [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
11A	5180	Ant1	9.9	0.23	10.13	13.03	22.20	PASS
11A	5220	Ant1	10.77	0.23	11	13.9	22.19	PASS
11A	5240	Ant1	10.58	0.23	10.81	13.71	22.20	PASS
11A	5745	Ant1	7.88	0.23	8.11	N/A	30.00	PASS
11A	5785	Ant1	8.29	0.30	8.59	N/A	30.00	PASS
11A	5825	Ant1	8.8	0.34	9.14	N/A	30.00	PASS
11N20	5180	Ant1	7.93	0.40	8.33	11.23	22.46	PASS
11N20	5220	Ant1	8.7	0.25	8.95	11.85	22.46	PASS
11N20	5240	Ant1	8.32	0.38	8.7	11.6	22.46	PASS
11N20	5745	Ant1	5.6	0.36	5.96	N/A	30.00	PASS
11N20	5785	Ant1	6.12	0.25	6.37	N/A	30.00	PASS
11N20	5825	Ant1	6.7	0.25	6.95	N/A	30.00	PASS
11N40	5190	Ant1	8.11	0.49	8.6	11.5	23.98	PASS
11N40	5230	Ant1	8.16	0.45	8.61	11.51	23.98	PASS
11N40	5755	Ant1	6.03	0.52	6.55	N/A	30.00	PASS
11N40	5795	Ant1	6.33	0.49	6.82	N/A	30.00	PASS
11AC20	5180	Ant1	8	0.24	8.24	11.14	22.46	PASS
11AC20	5220	Ant1	8.78	0.33	9.11	12.01	22.46	PASS
11AC20	5240	Ant1	8.81	0.36	9.17	12.07	22.46	PASS
11AC20	5745	Ant1	5.74	0.38	6.12	N/A	30.00	PASS
11AC20	5785	Ant1	6.14	0.24	6.38	N/A	30.00	PASS
11AC20	5825	Ant1	6.79	0.24	7.03	N/A	30.00	PASS
11AC40	5190	Ant1	8.2	0.56	8.76	11.66	23.98	PASS
11AC40	5230	Ant1	8.11	0.45	8.56	11.46	23.98	PASS
11AC40	5755	Ant1	6.06	0.70	6.76	N/A	30.00	PASS
11AC40	5795	Ant1	6.4	0.48	6.88	N/A	30.00	PASS
11AC80	5210	Ant1	9.63	0.89	10.52	13.42	23.98	PASS
11AC80	5775	Ant1	9.27	0.95	10.22	N/A	30.00	PASS

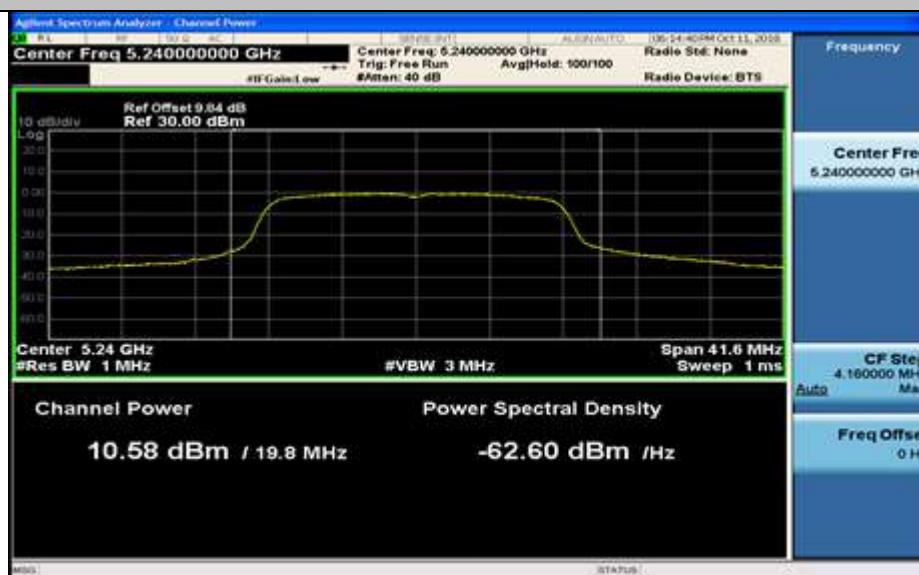
Maximum Conduct Output Power_11A_5180_Ant1



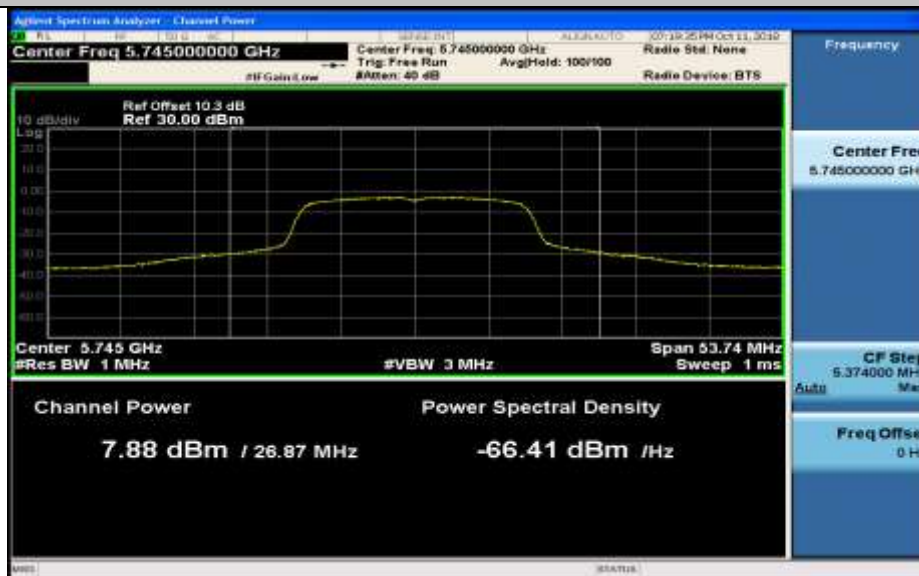
Maximum Conduct Output Power_11A_5220_Ant1



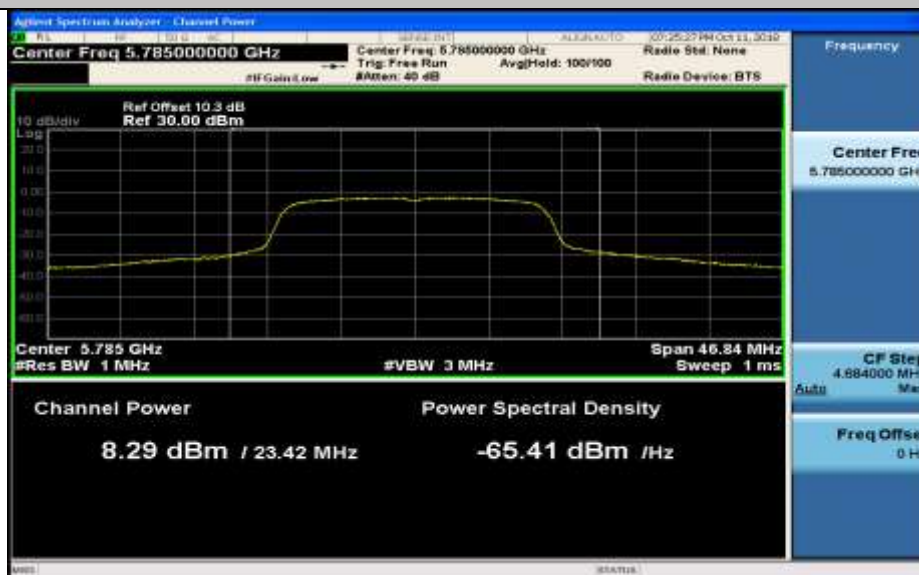
Maximum Conduct Output Power_11A_5240_Ant1



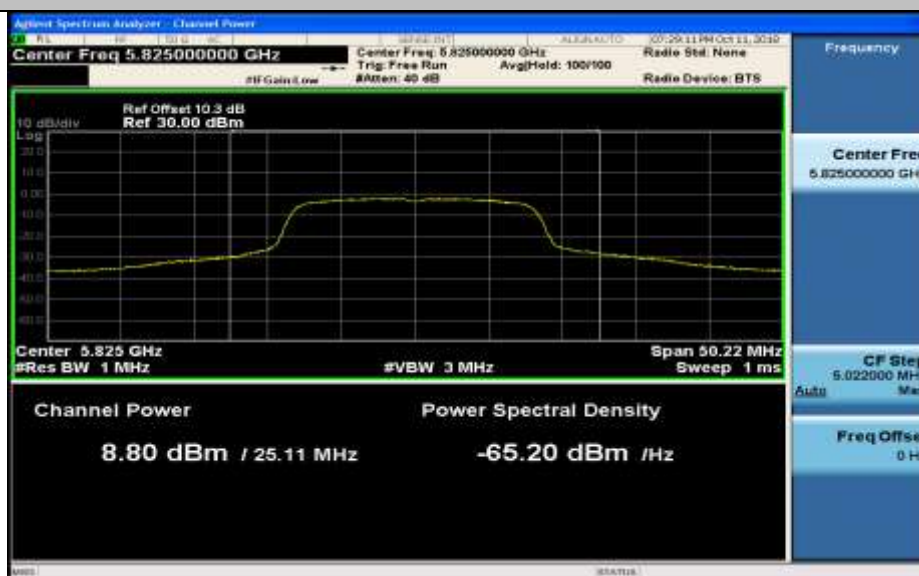
Maximum Conduct Output Power_11A_5745_Ant1



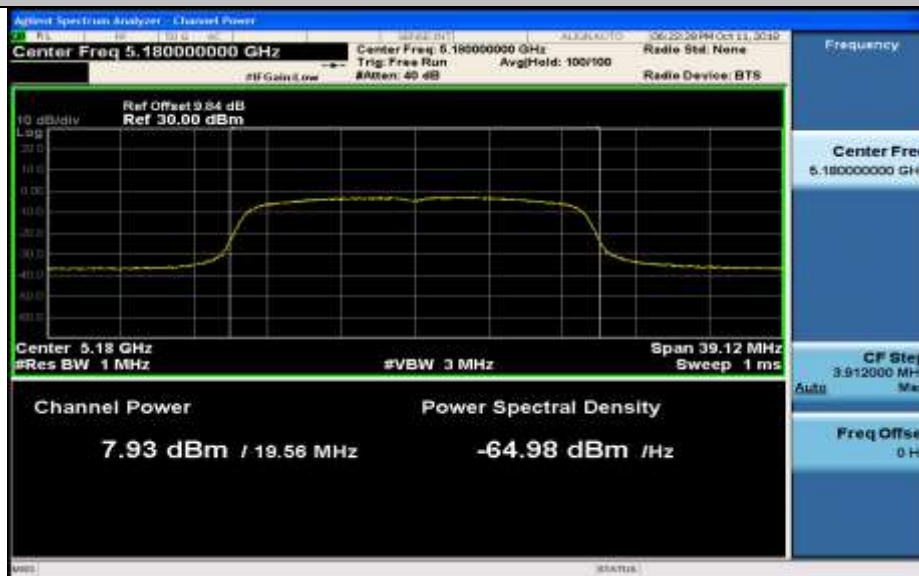
Maximum Conduct Output Power_11A_5785_Ant1



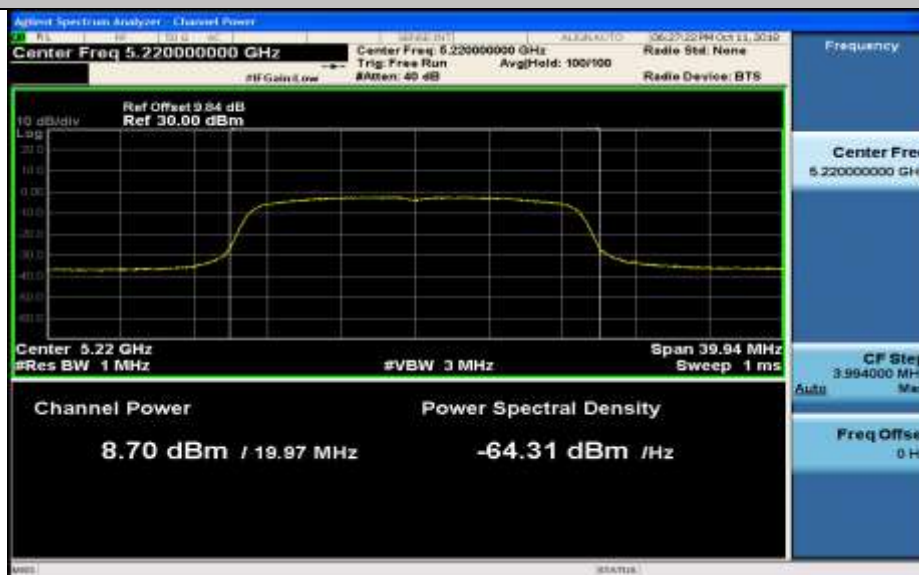
Maximum Conduct Output Power_11A_5825_Ant1



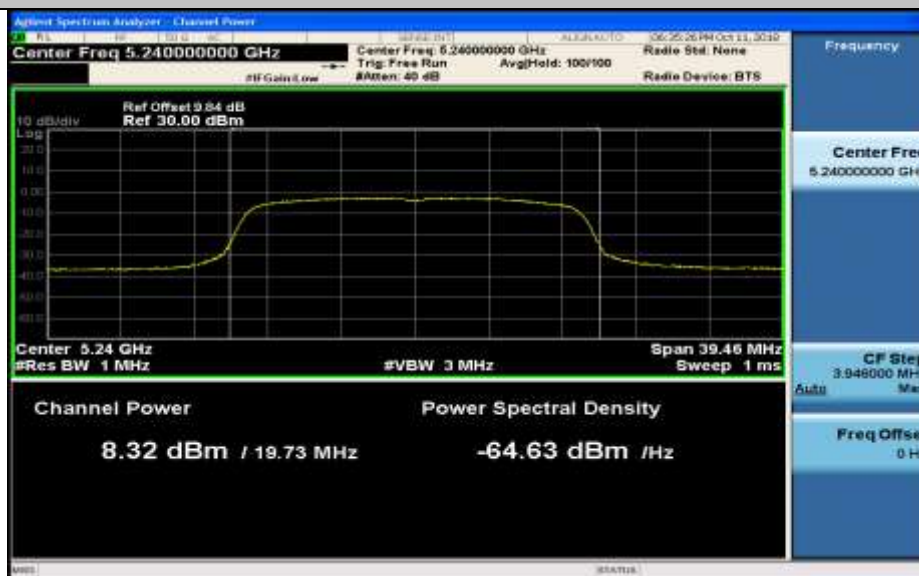
Maximum Conduct Output Power_11N20_5180_Ant1



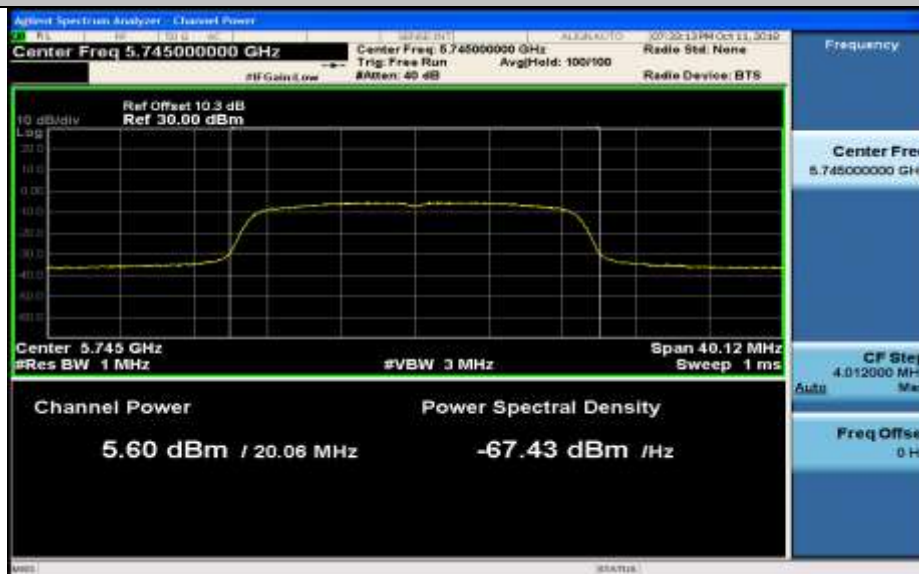
Maximum Conduct Output Power_11N20_5220_Ant1



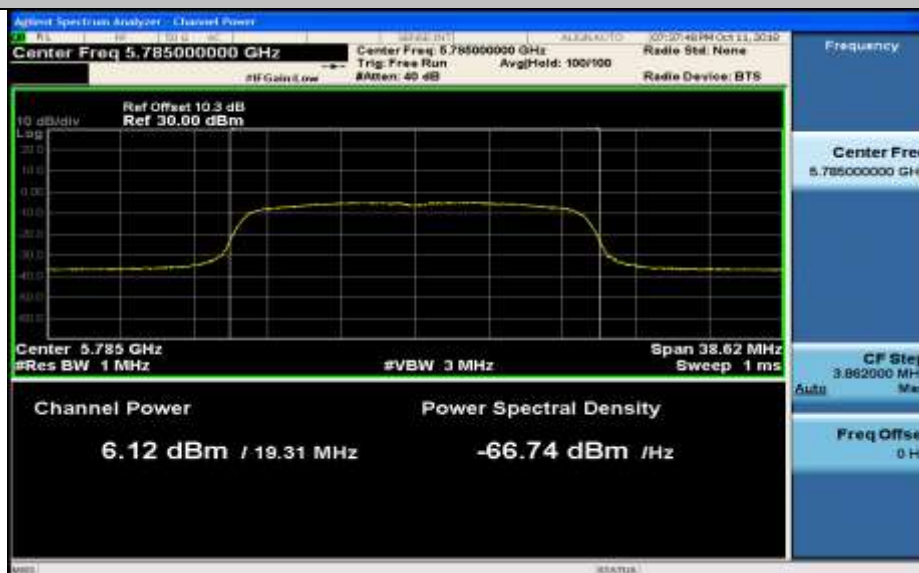
Maximum Conduct Output Power_11N20_5240_Ant1



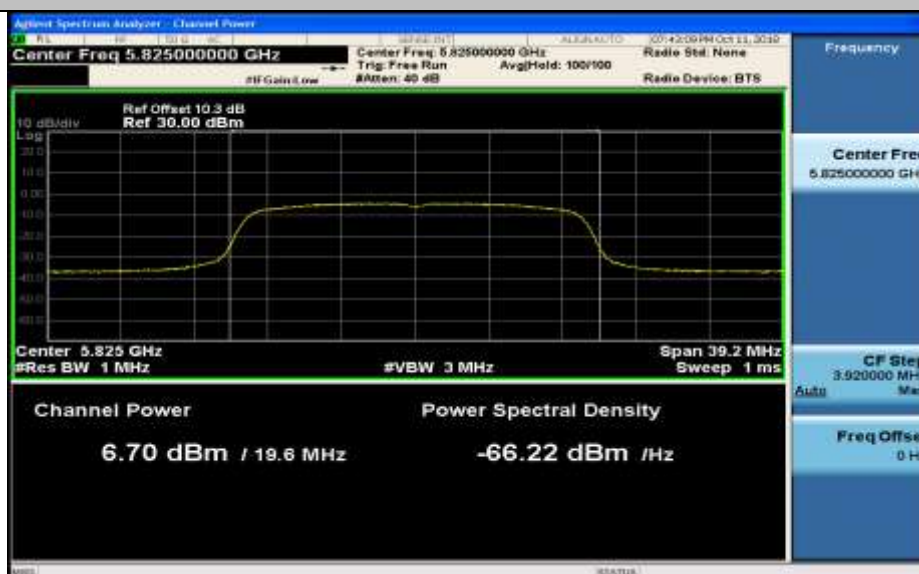
Maximum Conduct Output Power_11N20_5745_Ant1



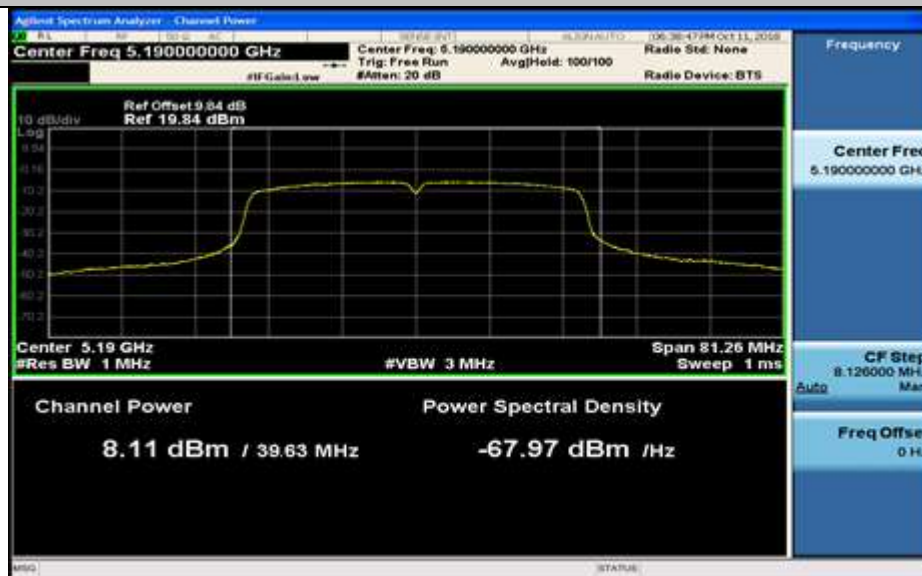
Maximum Conduct Output Power_11N20_5785_Ant1



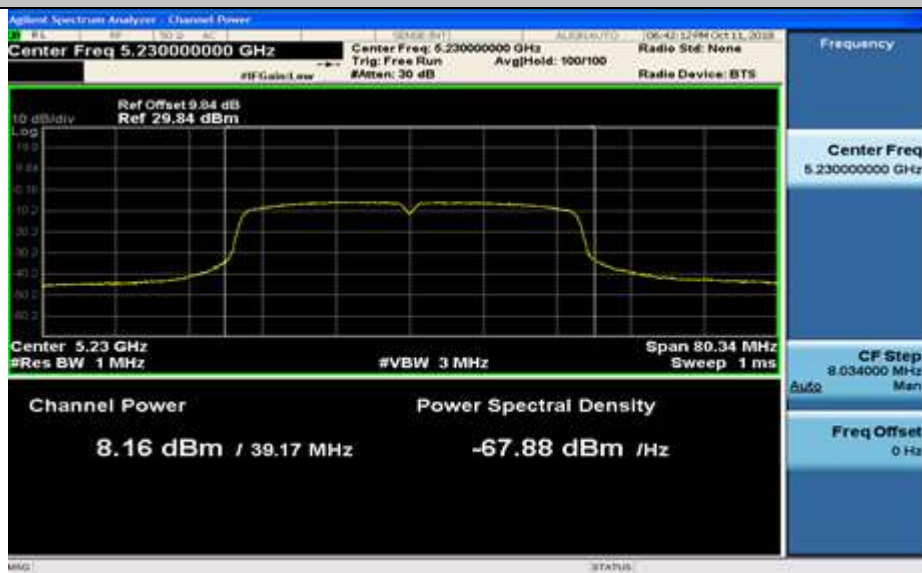
Maximum Conduct Output Power_11N20_5825_Ant1



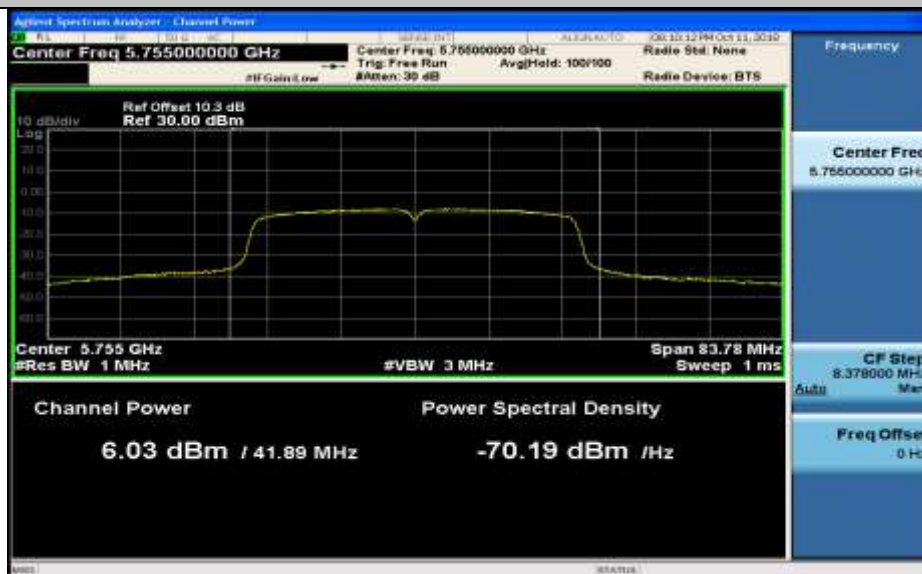
Maximum Conduct Output Power_11N40_5190_Ant1



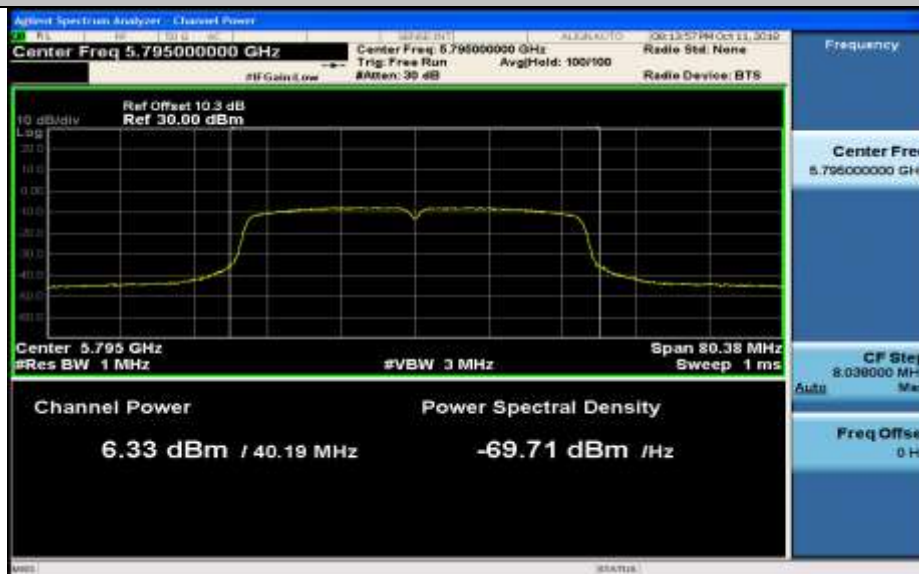
Maximum Conduct Output Power_11N40_5230_Ant1



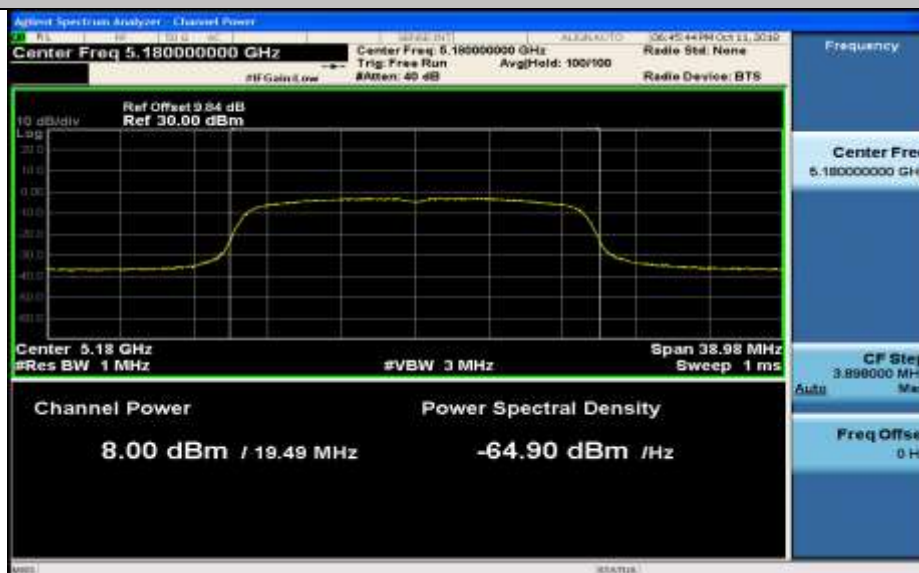
Maximum Conduct Output Power_11N40_5755_Ant1



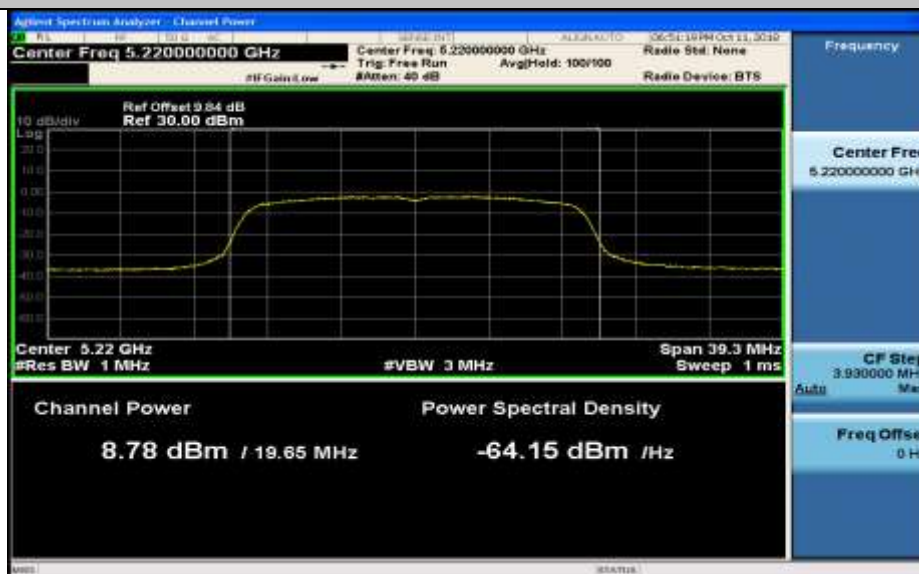
Maximum Conduct Output Power_11N40_5795_Ant1



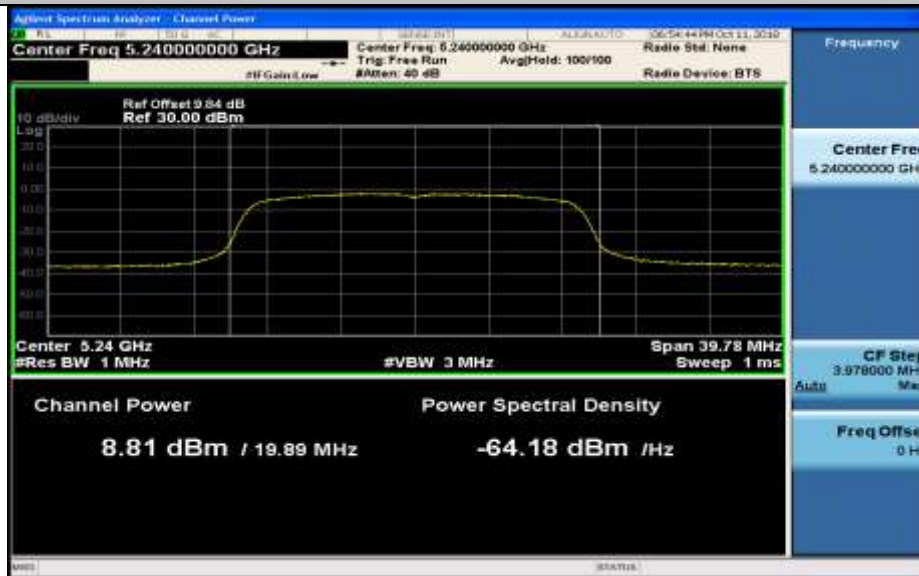
Maximum Conduct Output Power_11AC20_5180_Ant1



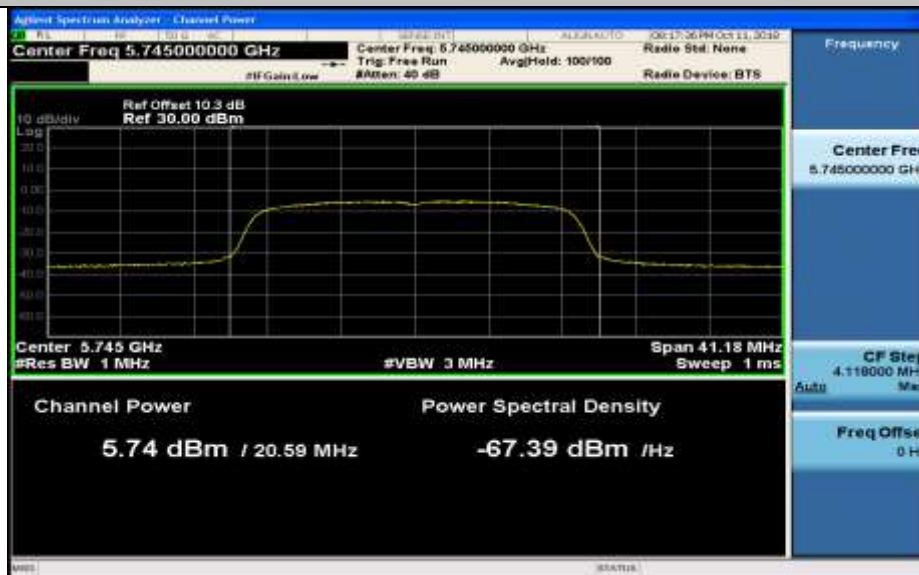
Maximum Conduct Output Power_11AC20_5220_Ant1



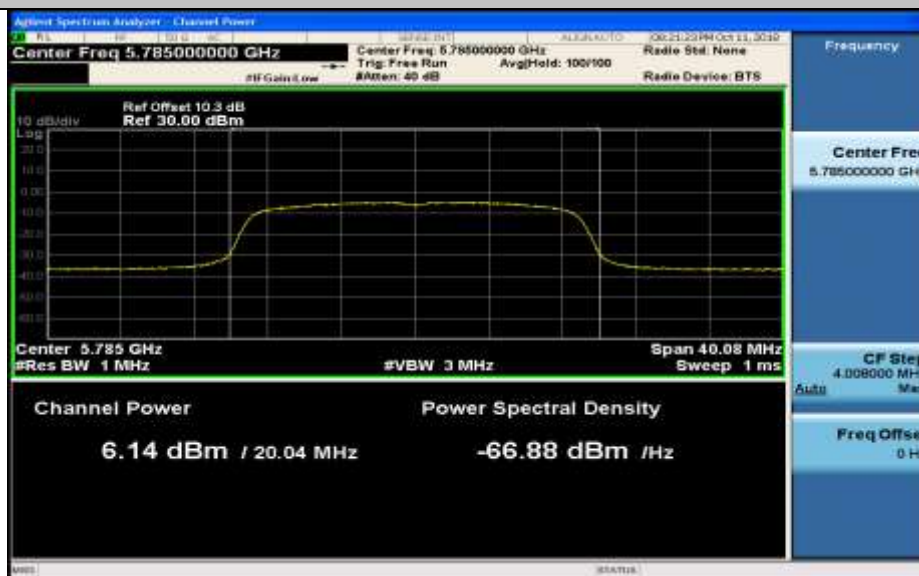
Maximum Conduct Output Power_11AC20_5240_Ant1



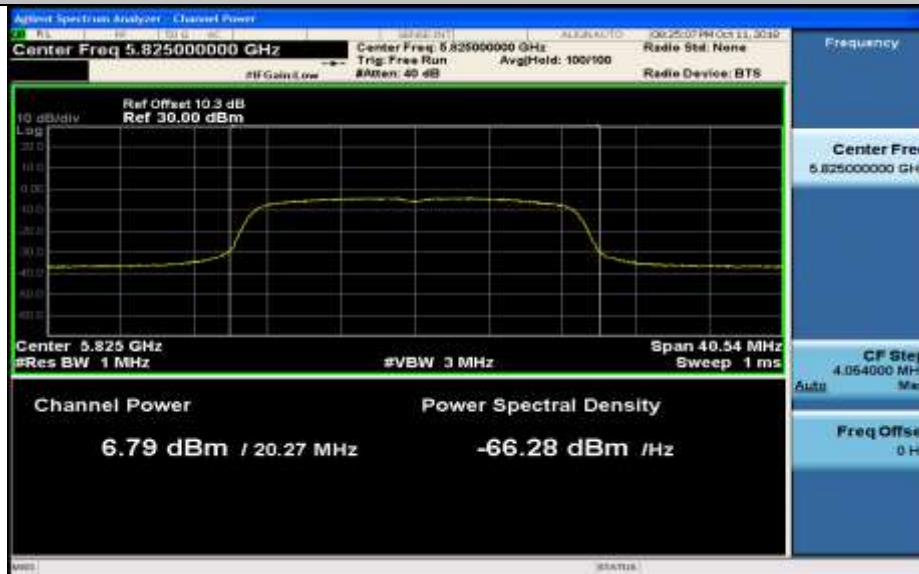
Maximum Conduct Output Power_11AC20_5745_Ant1



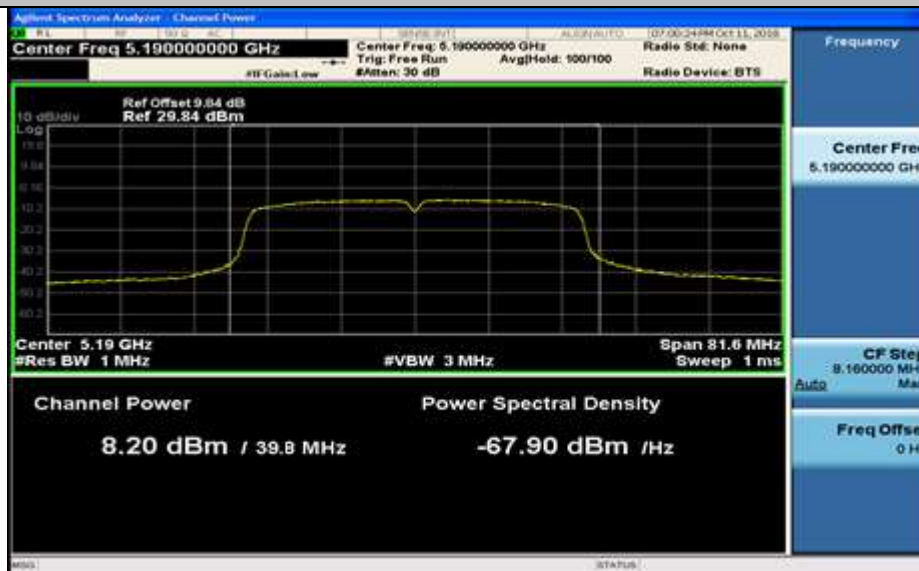
Maximum Conduct Output Power_11AC20_5785_Ant1



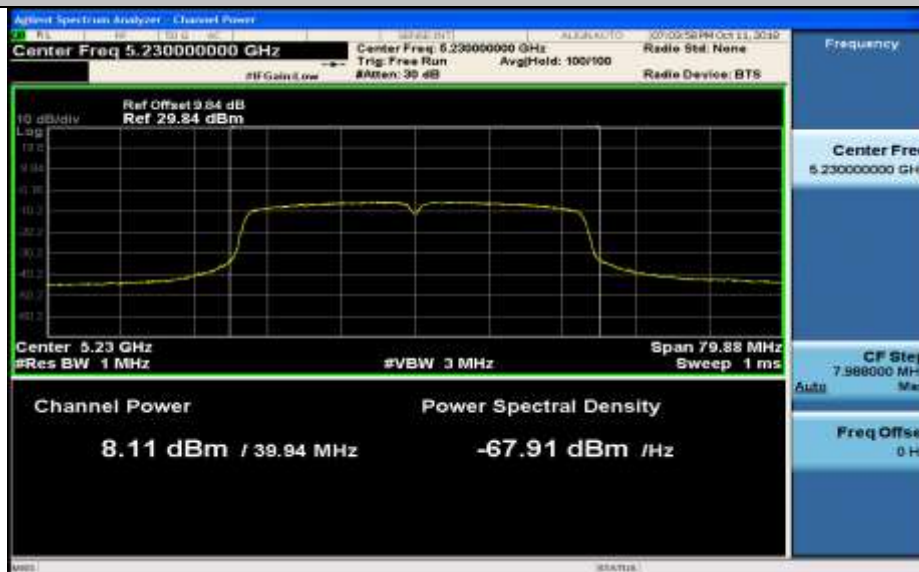
Maximum Conduct Output Power_11AC20_5825_Ant1



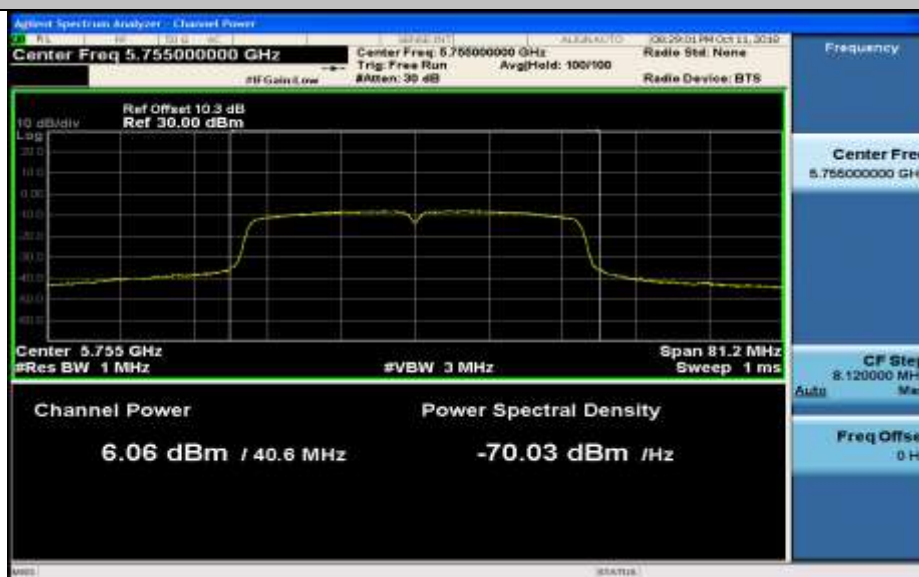
Maximum Conduct Output Power_11AC40_5190_Ant1



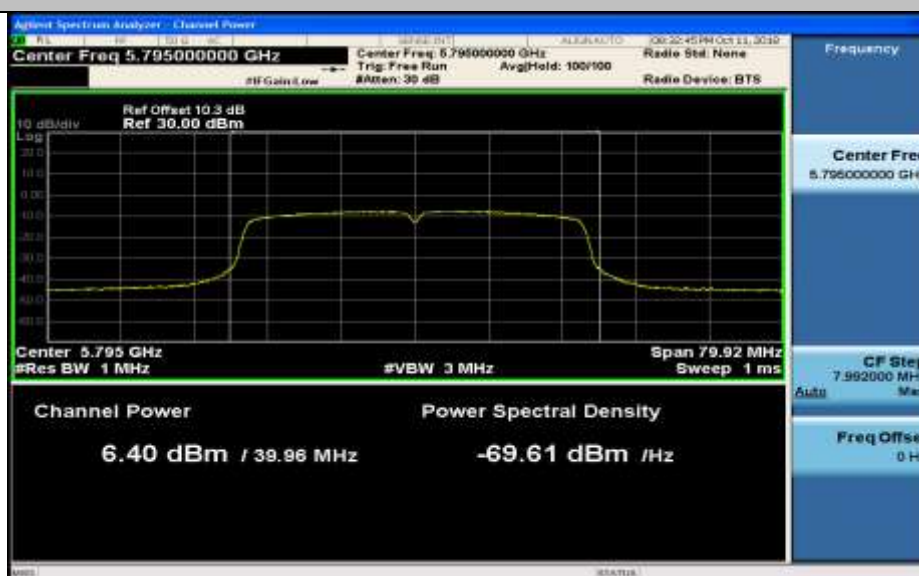
Maximum Conduct Output Power_11AC40_5230_Ant1



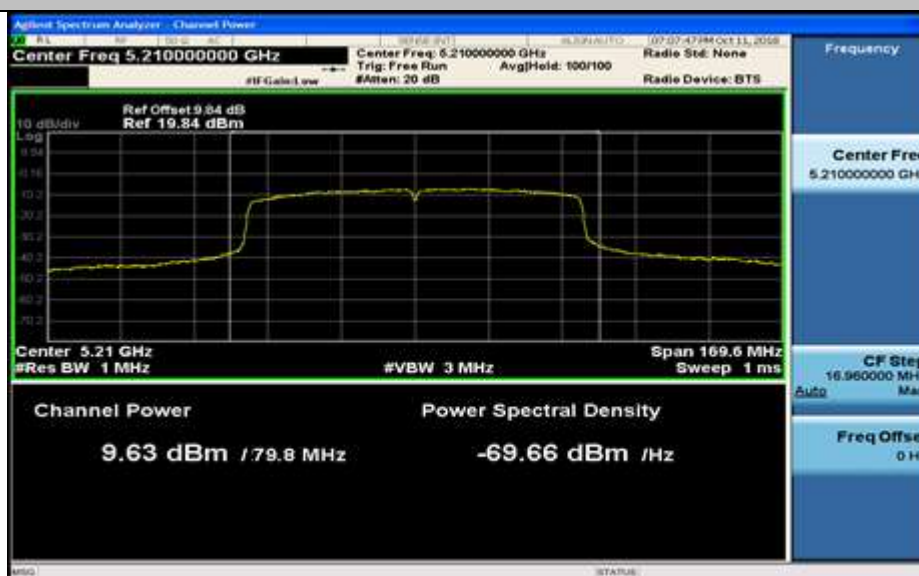
Maximum Conduct Output Power_11AC40_5755_Ant1



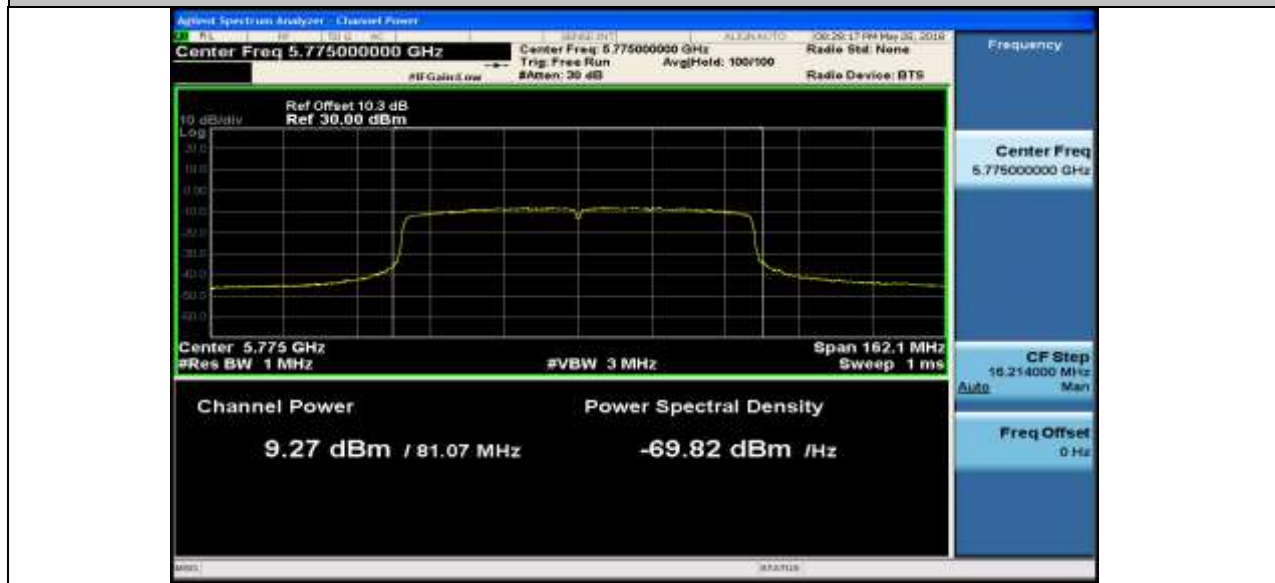
Maximum Conduct Output Power_11AC40_5795_Ant1



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	-0.51	0.23	-0.28	11.00	PASS
11A	5220	Ant1	0.36	0.23	0.59	11.00	PASS
11A	5240	Ant1	0.3	0.23	0.53	11.00	PASS
11N20	5180	Ant1	-2.62	0.4	-2.22	11.00	PASS
11N20	5220	Ant1	-1.72	0.25	-1.47	11.00	PASS
11N20	5240	Ant1	-1.84	0.38	-1.46	11.00	PASS
11N40	5190	Ant1	-5.54	0.49	-5.05	11.00	PASS
11N40	5230	Ant1	-5.83	0.45	-5.38	11.00	PASS
11AC20	5180	Ant1	-2.56	0.24	-2.32	11.00	PASS
11AC20	5220	Ant1	-1.74	0.33	-1.41	11.00	PASS
11AC20	5240	Ant1	-1.79	0.36	-1.43	11.00	PASS
11AC40	5190	Ant1	-5.55	0.56	-4.99	11.00	PASS
11AC40	5230	Ant1	-5.59	0.45	-5.14	11.00	PASS
11AC80	5210	Ant1	-7.17	0.89	-6.28	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	-7.89	0.23	2.22	-5.44	17.00	PASS
11A	5785	Ant1	-7.53	0.3	2.22	-5.01	17.00	PASS
11A	5825	Ant1	-6.59	0.34	2.22	-4.03	17.00	PASS
11N20	5745	Ant1	-10.23	0.36	2.22	-7.65	17.00	PASS
11N20	5785	Ant1	-9.54	0.25	2.22	-7.07	17.00	PASS
11N20	5825	Ant1	-9.16	0.25	2.22	-6.69	17.00	PASS
11N40	5755	Ant1	-12.96	0.52	2.22	-10.22	17.00	PASS
11N40	5795	Ant1	-12.77	0.49	2.22	-10.06	17.00	PASS
11AC20	5745	Ant1	-10.02	0.38	2.22	-7.42	17.00	PASS
11AC20	5785	Ant1	-9.69	0.24	2.22	-7.23	17.00	PASS
11AC20	5825	Ant1	-9.11	0.24	2.22	-6.65	17.00	PASS
11AC40	5755	Ant1	-13.39	0.7	2.22	-10.47	17.00	PASS
11AC40	5795	Ant1	-12.54	0.48	2.22	-9.84	17.00	PASS
11AC80	5775	Ant1	-15.34	0.95	2.22	-12.17	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	-0.51	0.23	-0.28	2.62	11.00	PASS
11A	5220	Ant1	0.36	0.23	0.59	3.49	11.00	PASS
11A	5240	Ant1	0.3	0.23	0.53	3.43	11.00	PASS
11N20	5180	Ant1	-2.62	0.4	-2.22	0.68	11.00	PASS
11N20	5220	Ant1	-1.72	0.25	-1.47	1.43	11.00	PASS
11N20	5240	Ant1	-1.84	0.38	-1.46	1.44	11.00	PASS
11N40	5190	Ant1	-5.54	0.49	-5.05	-2.15	11.00	PASS
11N40	5230	Ant1	-5.83	0.45	-5.38	-2.48	11.00	PASS
11AC20	5180	Ant1	-2.56	0.24	-2.32	0.58	11.00	PASS
11AC20	5220	Ant1	-1.74	0.33	-1.41	1.49	11.00	PASS
11AC20	5240	Ant1	-1.79	0.36	-1.43	1.47	11.00	PASS
11AC40	5190	Ant1	-5.55	0.56	-4.99	-2.09	11.00	PASS
11AC40	5230	Ant1	-5.59	0.45	-5.14	-2.24	11.00	PASS
11AC80	5210	Ant1	-7.17	0.89	-6.28	-3.38	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	-7.89	0.23	2.22	-5.44	17.00	PASS
11A	5785	Ant1	-7.53	0.3	2.22	-5.01	17.00	PASS
11A	5825	Ant1	-6.59	0.34	2.22	-4.03	17.00	PASS
11N20	5745	Ant1	-10.23	0.36	2.22	-7.65	17.00	PASS
11N20	5785	Ant1	-9.54	0.25	2.22	-7.07	17.00	PASS
11N20	5825	Ant1	-9.16	0.25	2.22	-6.69	17.00	PASS
11N40	5755	Ant1	-12.96	0.52	2.22	-10.22	17.00	PASS
11N40	5795	Ant1	-12.77	0.49	2.22	-10.06	17.00	PASS
11AC20	5745	Ant1	-10.02	0.38	2.22	-7.42	17.00	PASS
11AC20	5785	Ant1	-9.69	0.24	2.22	-7.23	17.00	PASS
11AC20	5825	Ant1	-9.11	0.24	2.22	-6.65	17.00	PASS
11AC40	5755	Ant1	-13.39	0.7	2.22	-10.47	17.00	PASS
11AC40	5795	Ant1	-12.54	0.48	2.22	-9.84	17.00	PASS
11AC80	5775	Ant1	-15.34	0.95	2.22	-12.17	17.00	PASS

Maximum Power Spectral Density_TNVN_11A_5180_Ant1



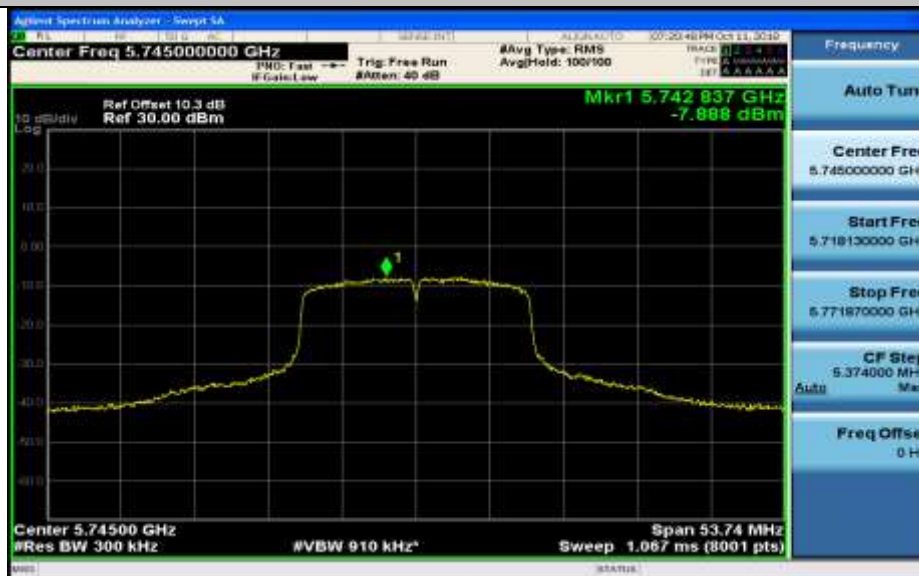
Maximum Power Spectral Density_TNVN_11A_5220_Ant1



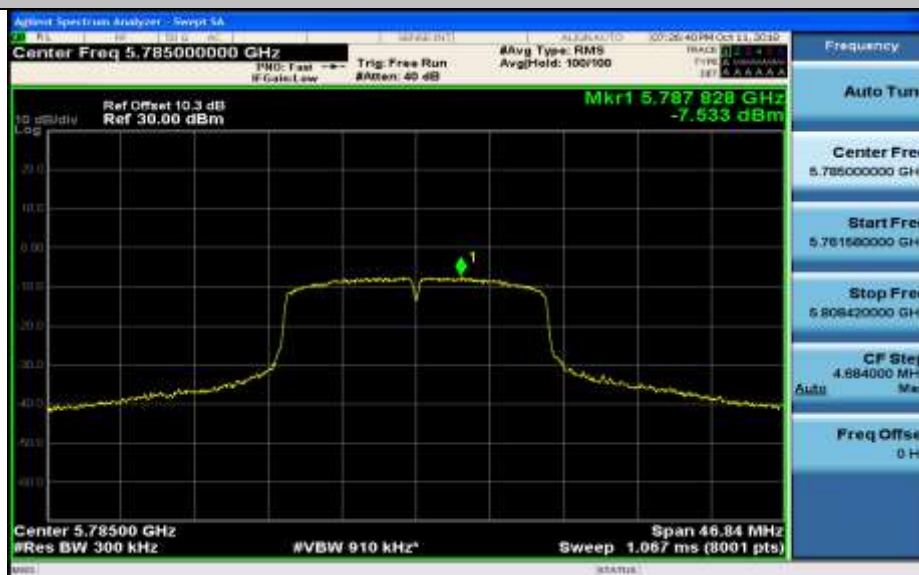
Maximum Power Spectral Density_TNVN_11A_5240_Ant1



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



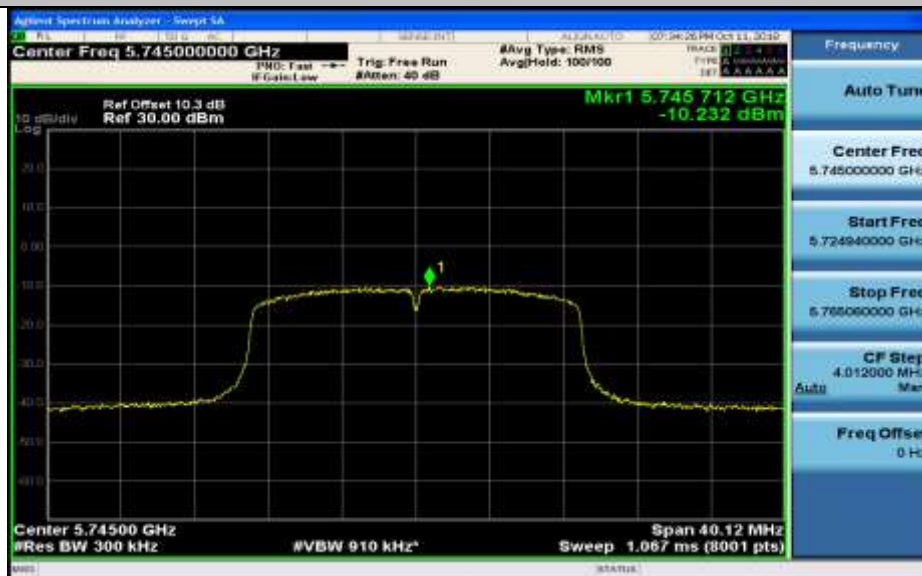
Maximum Power Spectral Density_TNVN_11N20_5220_Ant1



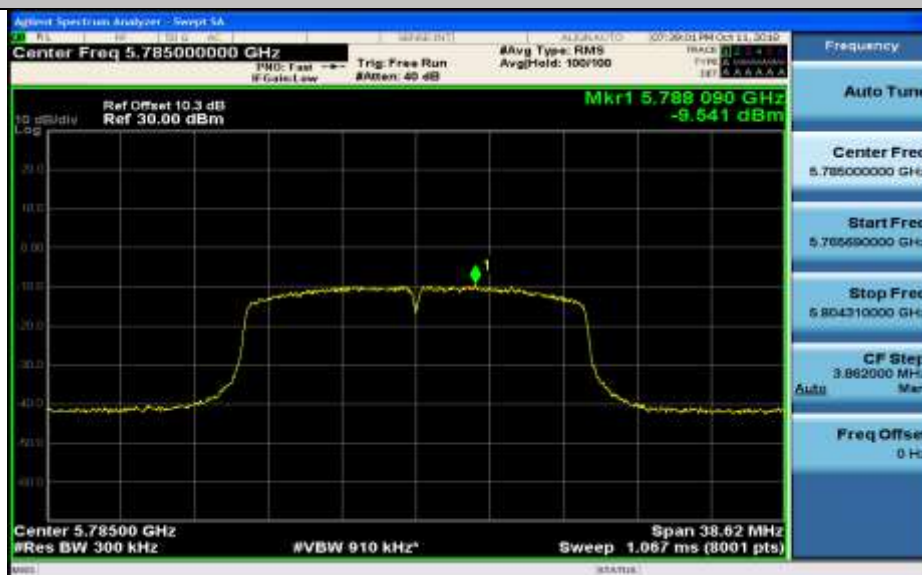
Maximum Power Spectral Density_TNVN_11N20_5240_Ant1



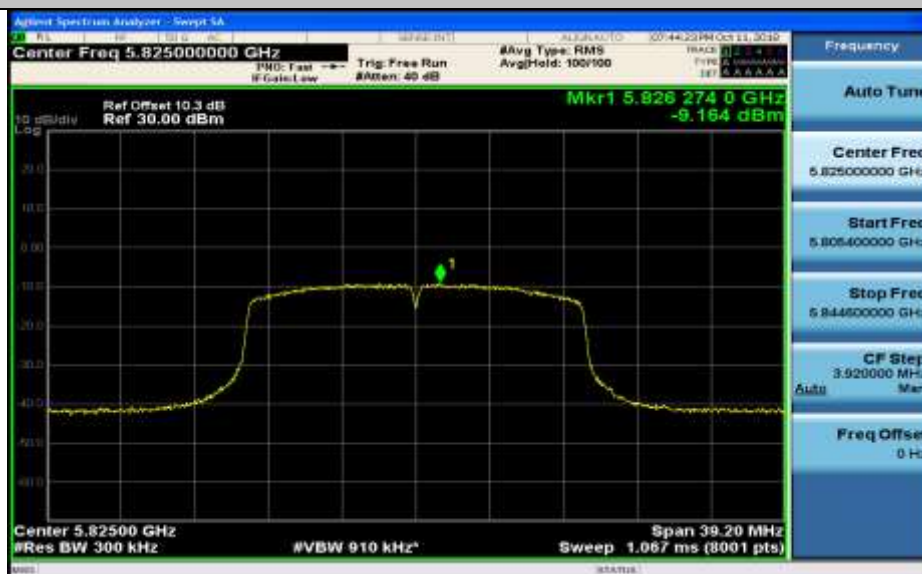
Maximum Power Spectral Density_TNVN_11N20_5745_Ant1



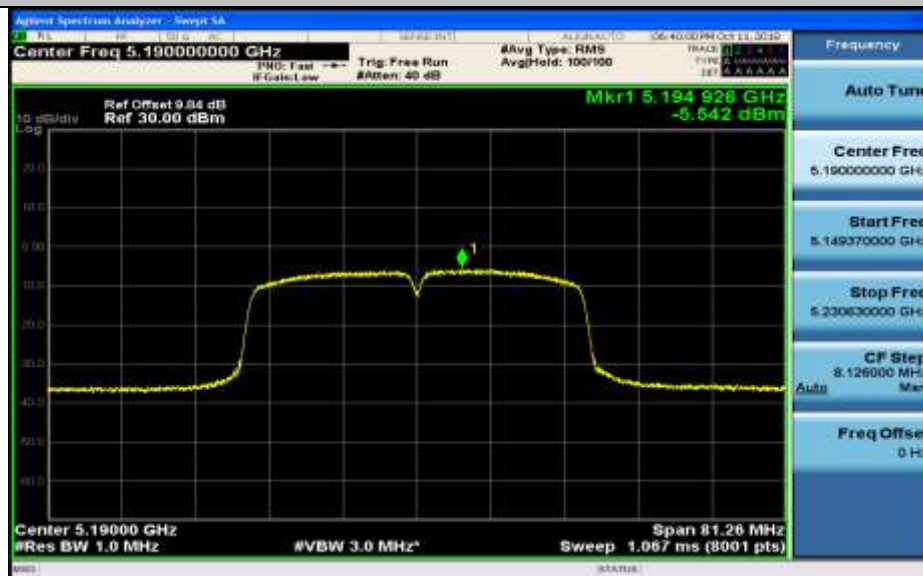
Maximum Power Spectral Density_TNVN_11N20_5785_Ant1



Maximum Power Spectral Density_TNVN_11N20_5825_Ant1



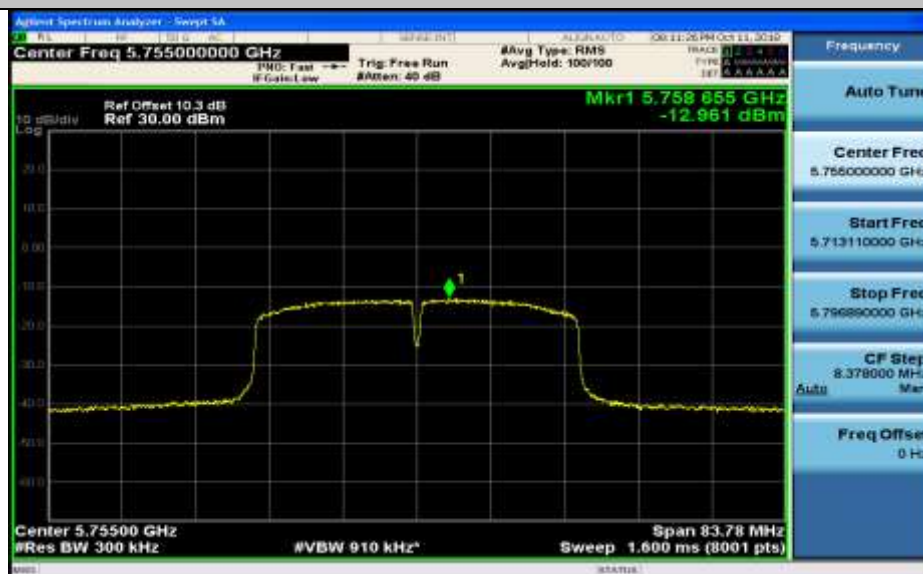
Maximum Power Spectral Density_TNVN_11N40_5190_Ant1



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



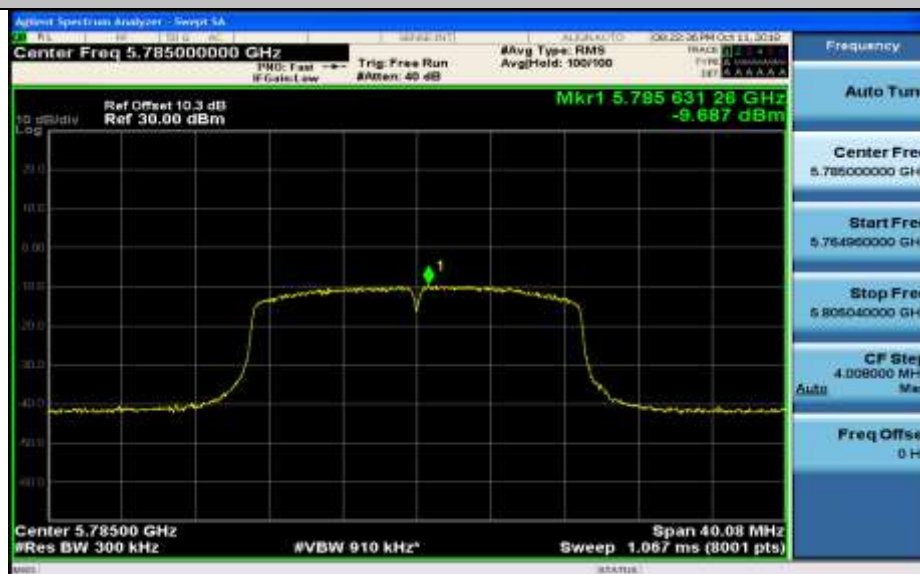
Maximum Power Spectral Density_TNVN_11AC20_5240_Ant1



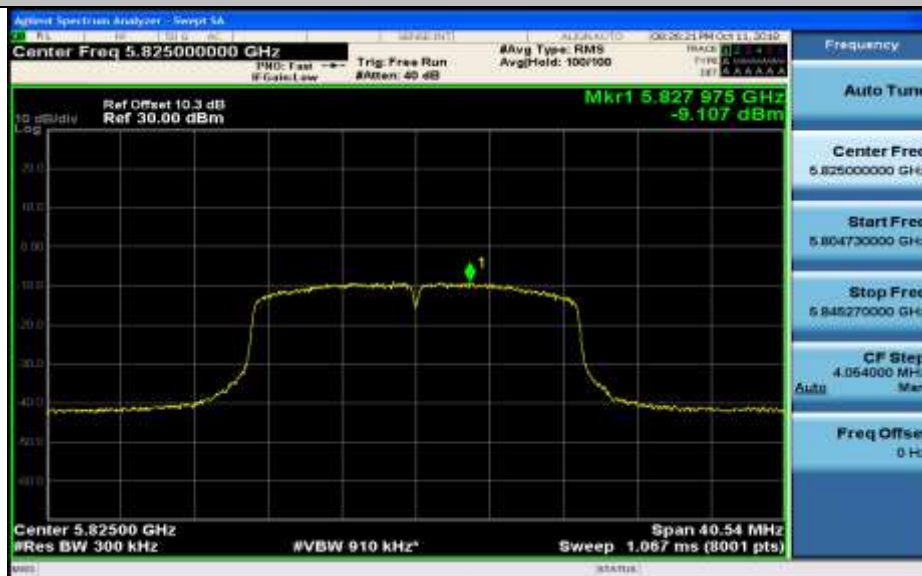
Maximum Power Spectral Density_TNVN_11AC20_5745_Ant1



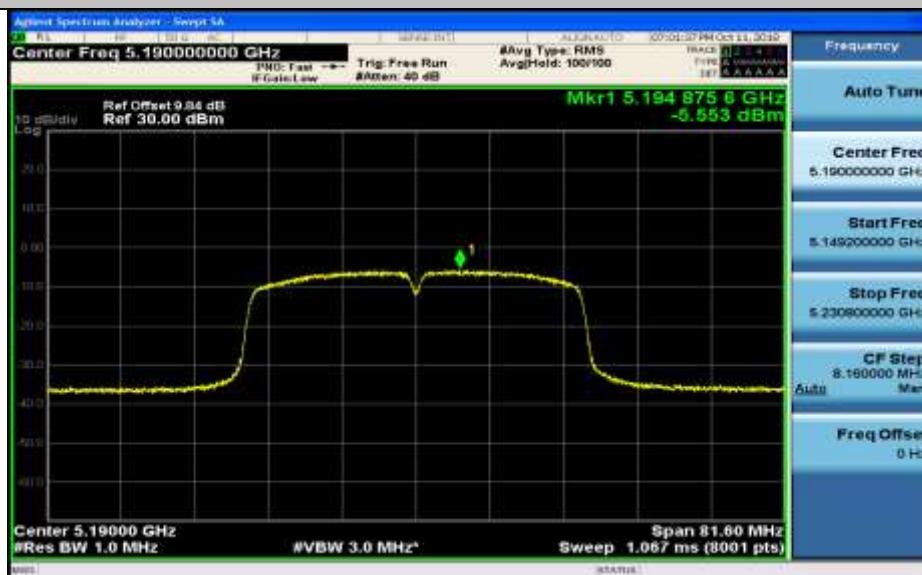
Maximum Power Spectral Density_TNVN_11AC20_5785_Ant1



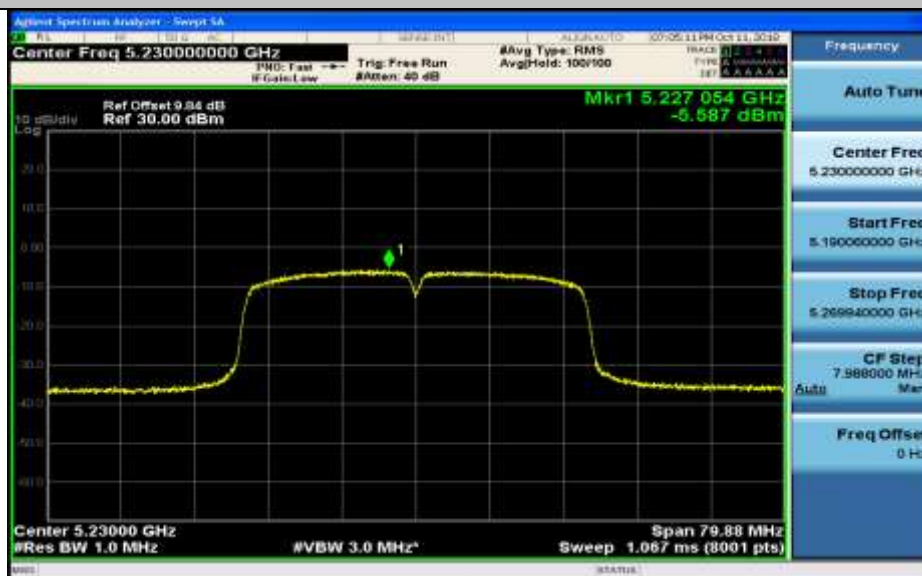
Maximum Power Spectral Density_TNVN_11AC20_5825_Ant1



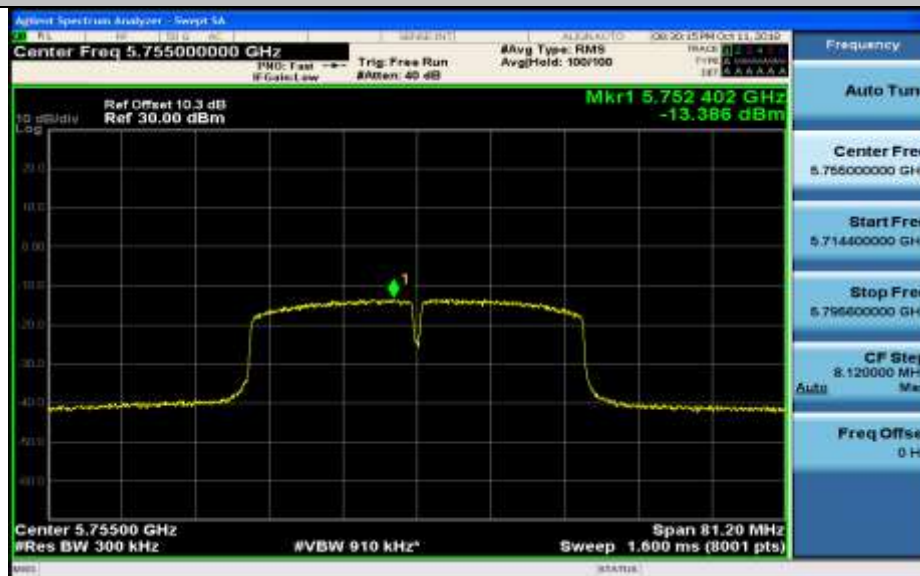
Maximum Power Spectral Density_TNVN_11AC40_5190_Ant1



Maximum Power Spectral Density_TNVN_11AC40_5230_Ant1



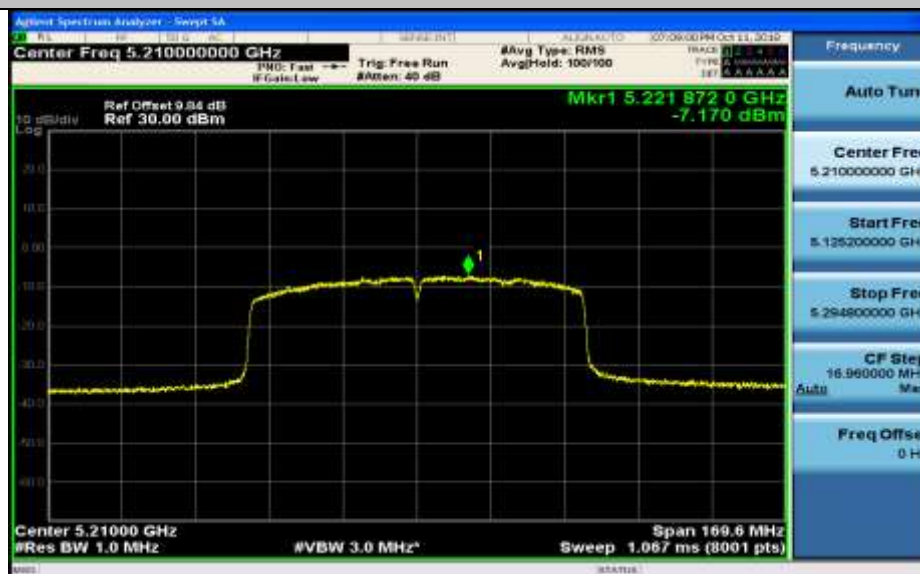
Maximum Power Spectral Density_TNVN_11AC40_5755_Ant1



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 DC)	Temp (°C)		ANT1	ANT1		
Band U-NII 1	Normal(3.8)	Extreme(-20)	5180	5180.0248	0.0248	5.15-5.25	Pass
		Extreme(-10)		5180.0302	0.0302		Pass
		Extreme(0)		5180.0375	0.0375		Pass
		Extreme(+10)		5180.0338	0.0338		Pass
		Extreme(+20)		5180.0214	0.0214		Pass
		Extreme(+30)		5180.0356	0.0356		Pass
		Extreme(+40)		5180.0275	0.0275		Pass
		Extreme(+55)		5180.0489	0.0489		Pass
	Extreme(3.23)	Norma(+20)		5180.0019	0.0019		Pass
	Extreme(4.37)			5180.0298	0.0298		Pass
	Normal(12)	Extreme(-20)	5240	5240.0253	0.0253		Pass
		Extreme(-10)		5240.0228	0.0228		Pass
		Extreme(0)		5240.0374	0.0374		Pass
		Extreme(+10)		5240.0343	0.0343		Pass
		Extreme(+20)		5240.0423	0.0423		Pass
		Extreme(+30)		5240.0213	0.0213		Pass
		Extreme(+40)		5240.0115	0.0115		Pass
		Extreme(+55)		5240.0514	0.0514		Pass
	Extreme(3.23)	Norma(20)		5240.0457	0.0457		Pass
	Extreme(4.37)			5240.0382	0.0382		Pass

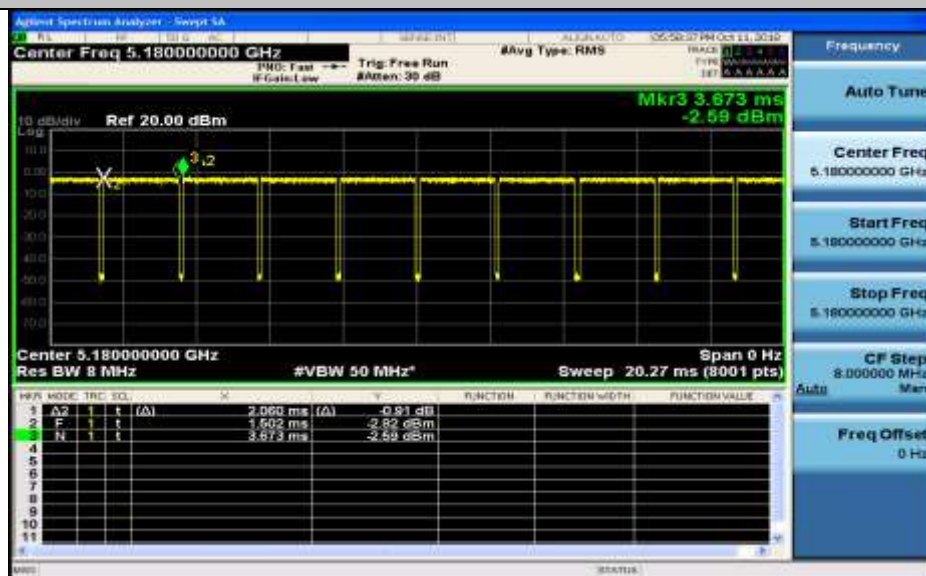
Band	Test Conditions		Operation Frequency (MHz)	Test Frequency (MHz)	Freq. Dev. (MHz)	Limit (GHz)	Result
	Volt (V DC)	Temp (°C)		ANT1	ANT1		
Band U-NII 3	Normal(3.8)	Extreme(-20)	5745	5745.0532	0.0532	5.725-5.85	Pass
		Extreme(-10)		5745.0401	0.0401		Pass
		Extreme(0)		5745.0254	0.0254		Pass
		Extreme(+10)		5745.0128	0.0128		Pass
		Extreme(+20)		5745.0307	0.0307		Pass
		Extreme(+30)		5745.0456	0.0456		Pass
		Extreme(+40)		5745.0312	0.0312		Pass
		Extreme(+55)		5745.0286	0.0286		Pass
	Extreme(3.23)	Norma(+20)		5745.0415	0.0415		Pass
	Extreme(4.37)			5745.0483	0.0483		Pass
	Normal(12)	Extreme(-20)	5825	5825.0412	0.0412		Pass
		Extreme(-10)		5825.0408	0.0408		Pass
		Extreme(0)		5825.0247	0.0247		Pass
		Extreme(+10)		5825.0223	0.0223		Pass
		Extreme(+20)		5825.0182	0.0182		Pass
		Extreme(+30)		5825.0325	0.0325		Pass
		Extreme(+40)		5825.0148	0.0148		Pass
		Extreme(+55)		5825.0236	0.0236		Pass
	Extreme(3.23)	Norma(20)		5825.0425	0.0425		Pass
	Extreme(4.37)			5825.0215	0.0215		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.

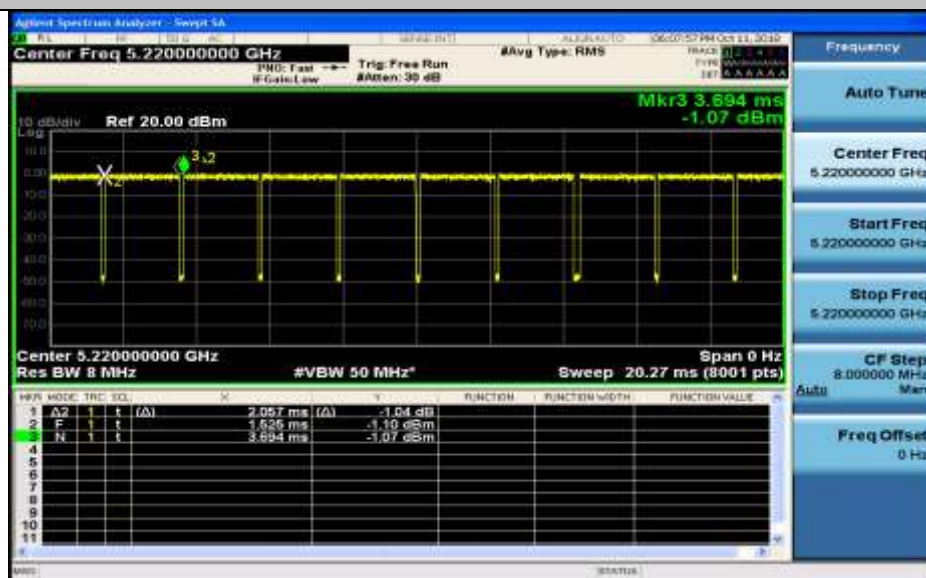
9.Duty Cycle

Test Mode	Test Channel	Ant	Duty Cycle[%]	10log(1/x) Factor[dB]
11A	5180	Ant1	94.87	0.23
11A	5220	Ant1	94.86	0.23
11A	5240	Ant1	94.87	0.23
11A	5745	Ant1	94.86	0.23
11A	5785	Ant1	93.34	0.30
11A	5825	Ant1	92.48	0.34
11N20	5180	Ant1	91.20	0.40
11N20	5220	Ant1	94.51	0.25
11N20	5240	Ant1	91.66	0.38
11N20	5745	Ant1	92.09	0.36
11N20	5785	Ant1	94.51	0.25
11N20	5825	Ant1	94.51	0.25
11N40	5190	Ant1	89.42	0.49
11N40	5230	Ant1	90.07	0.45
11N40	5755	Ant1	88.78	0.52
11N40	5795	Ant1	89.42	0.49
11AC20	5180	Ant1	94.53	0.24
11AC20	5220	Ant1	92.58	0.33
11AC20	5240	Ant1	92.01	0.36
11AC20	5745	Ant1	91.68	0.38
11AC20	5785	Ant1	94.53	0.24
11AC20	5825	Ant1	94.53	0.24
11AC40	5190	Ant1	87.97	0.56
11AC40	5230	Ant1	90.12	0.45
11AC40	5755	Ant1	85.19	0.70
11AC40	5795	Ant1	89.47	0.48
11AC80	5210	Ant1	81.53	0.89
11AC80	5775	Ant1	80.44	0.95

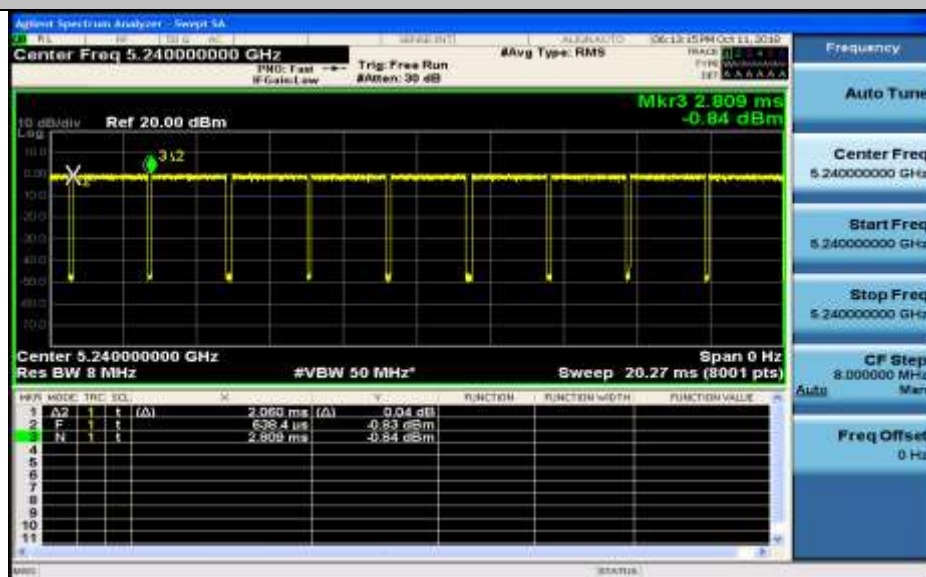
Duty Cycle_11A_5180_Ant1



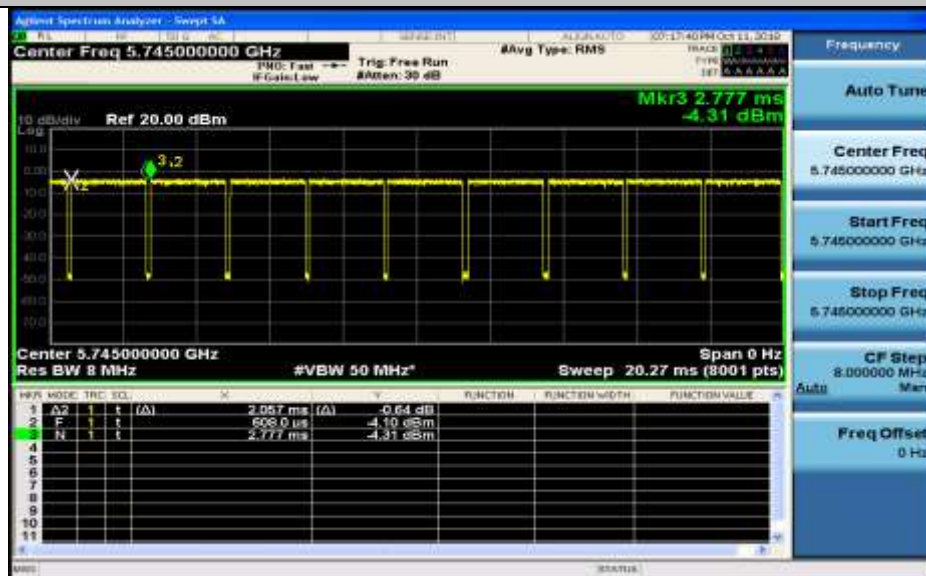
Duty Cycle_11A_5220_Ant1



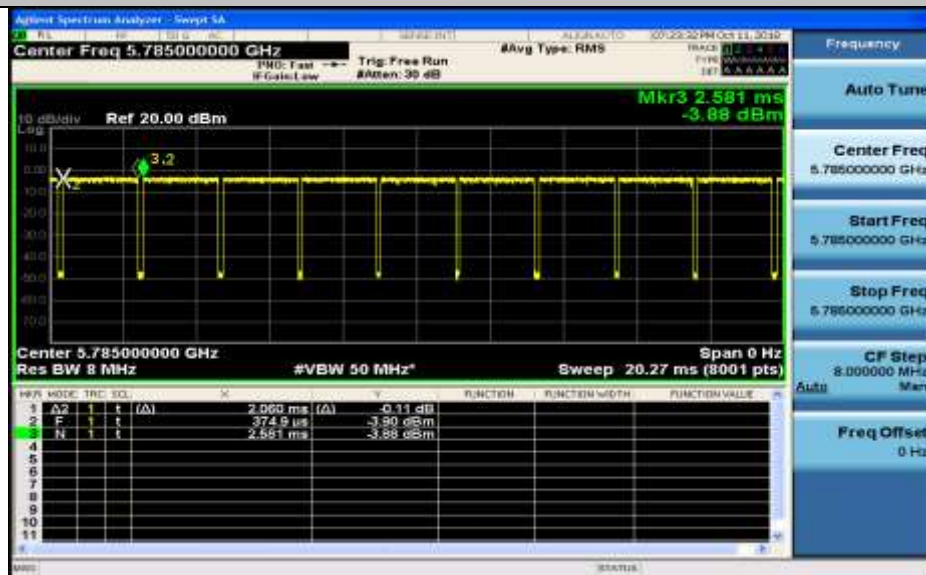
Duty Cycle_11A_5240_Ant1



Duty Cycle_11A_5745_Ant1



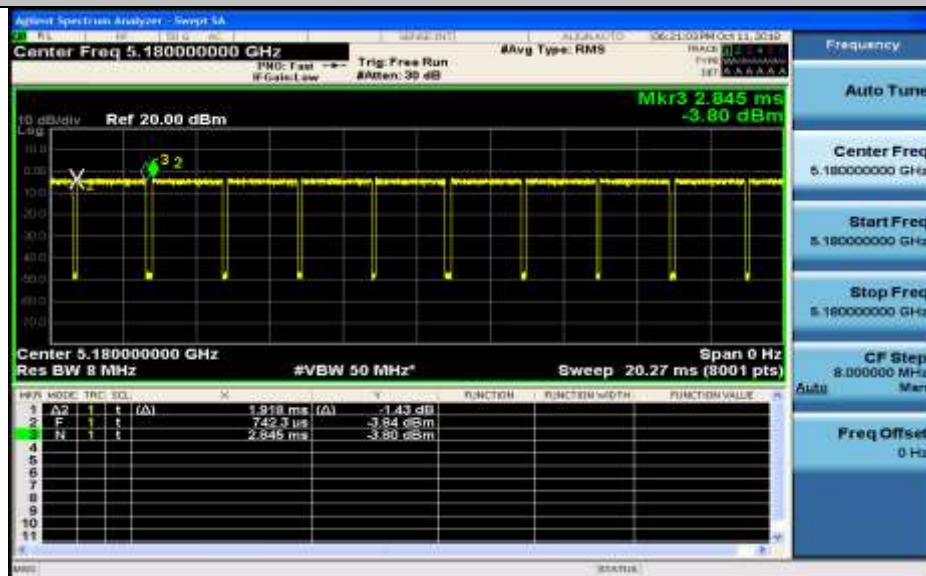
Duty Cycle_11A_5785_Ant1



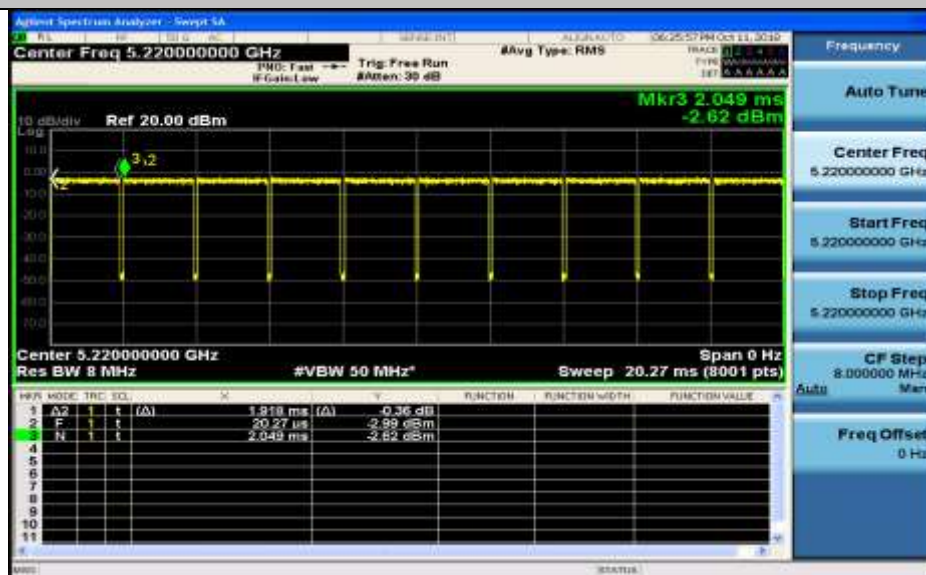
Duty Cycle_11A_5825_Ant1



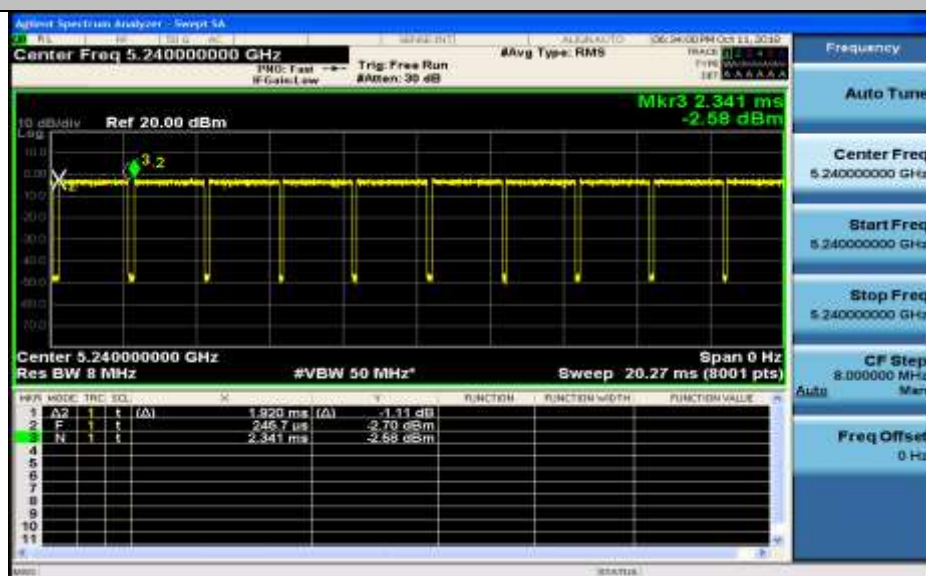
Duty Cycle_11N20_5180_Ant1



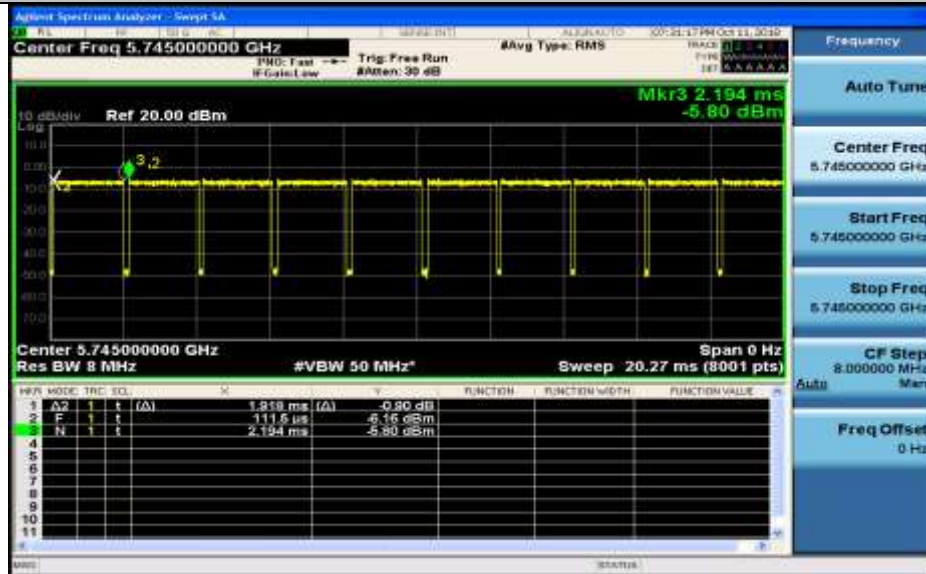
Duty Cycle_11N20_5220_Ant1



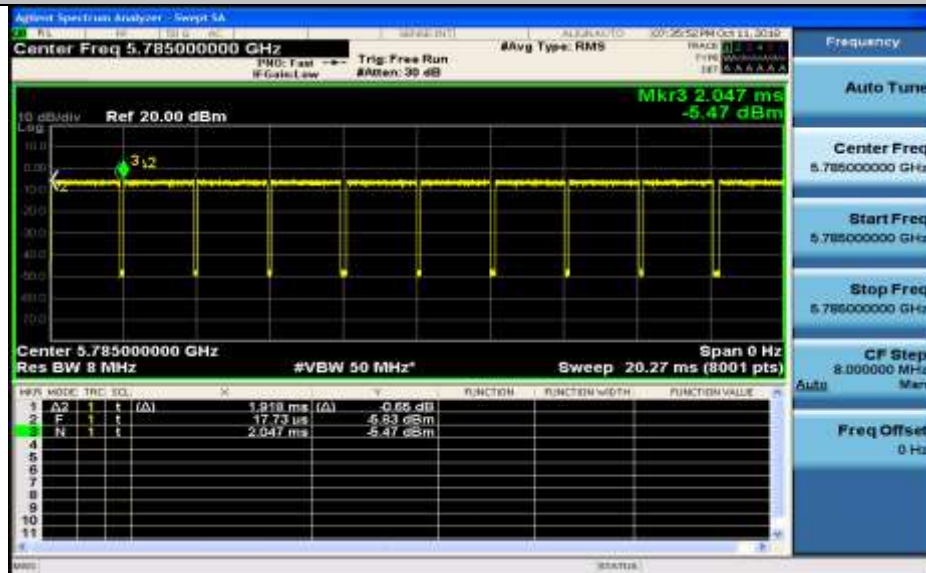
Duty Cycle_11N20_5240_Ant1



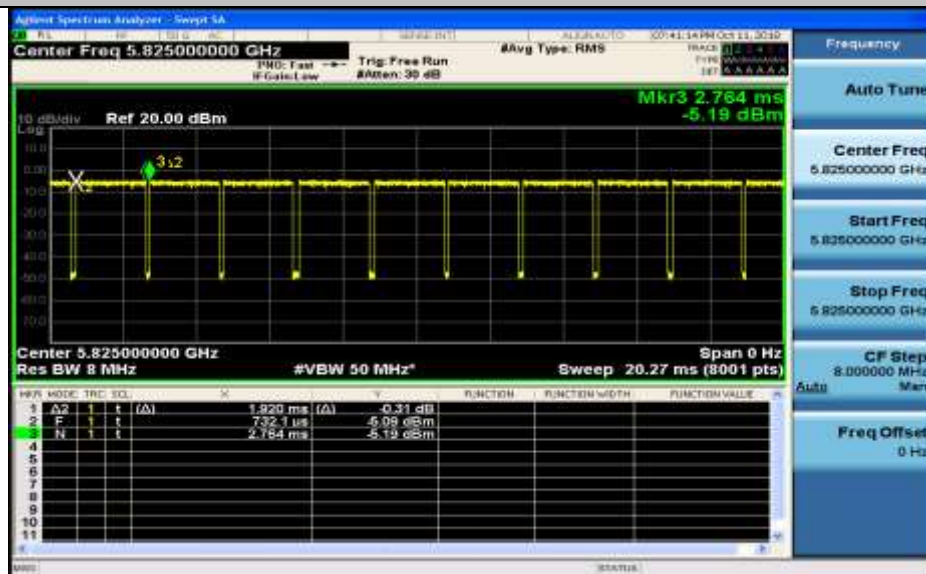
Duty Cycle_11N20_5745_Ant1



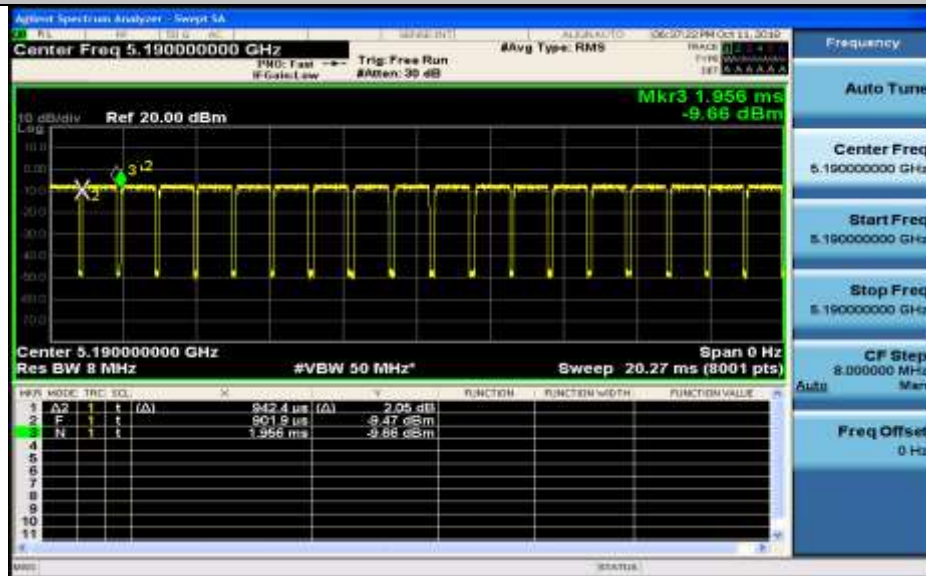
Duty Cycle_11N20_5785_Ant1



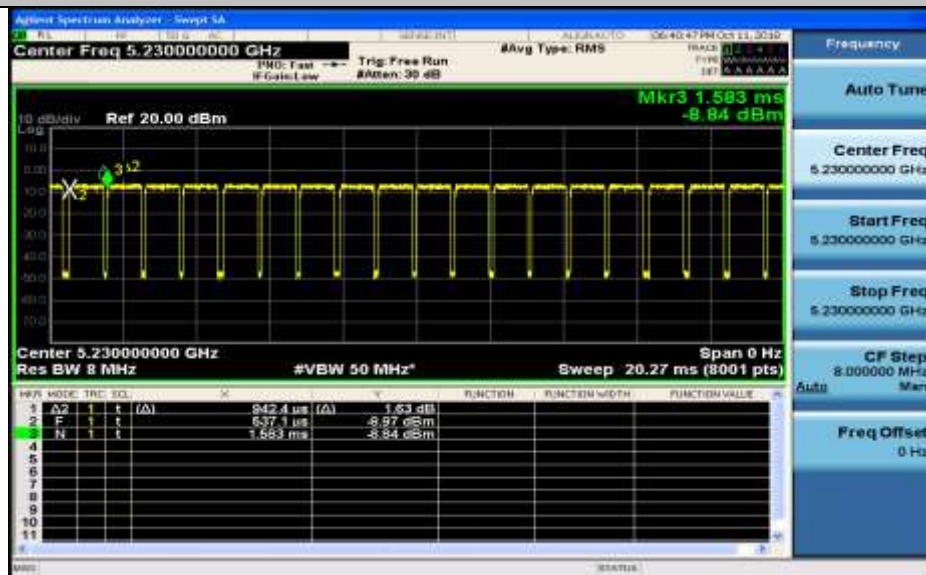
Duty Cycle_11N20_5825_Ant1



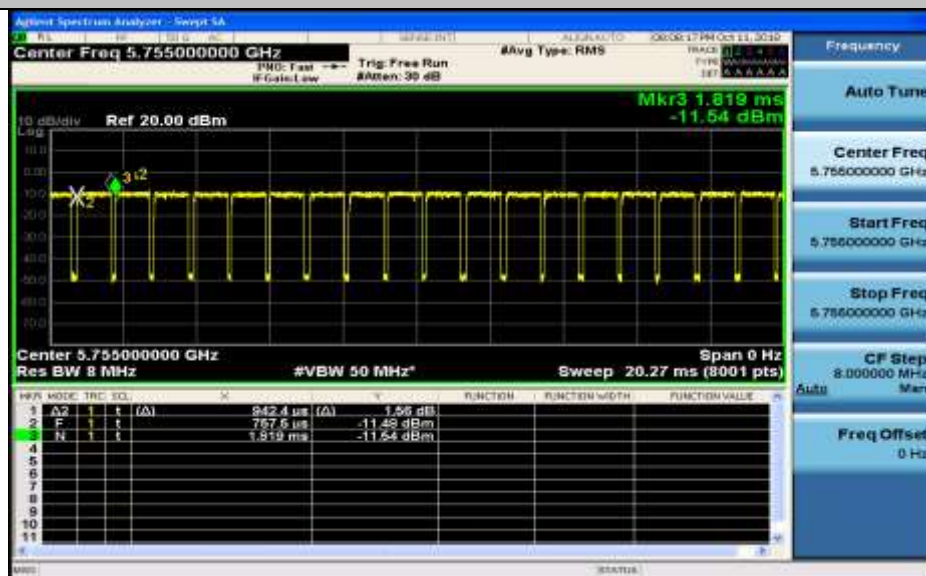
Duty Cycle_11N40_5190_Ant1



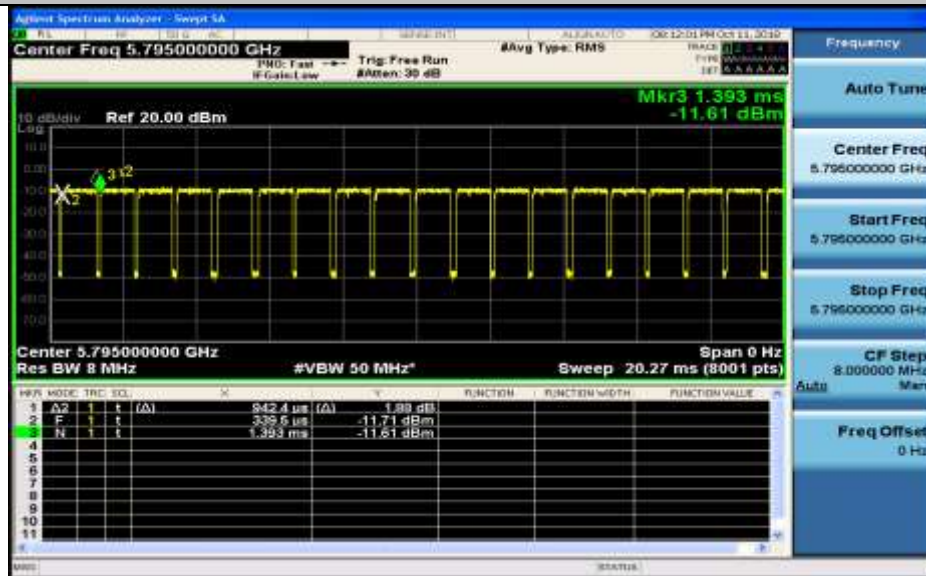
Duty Cycle_11N40_5230_Ant1



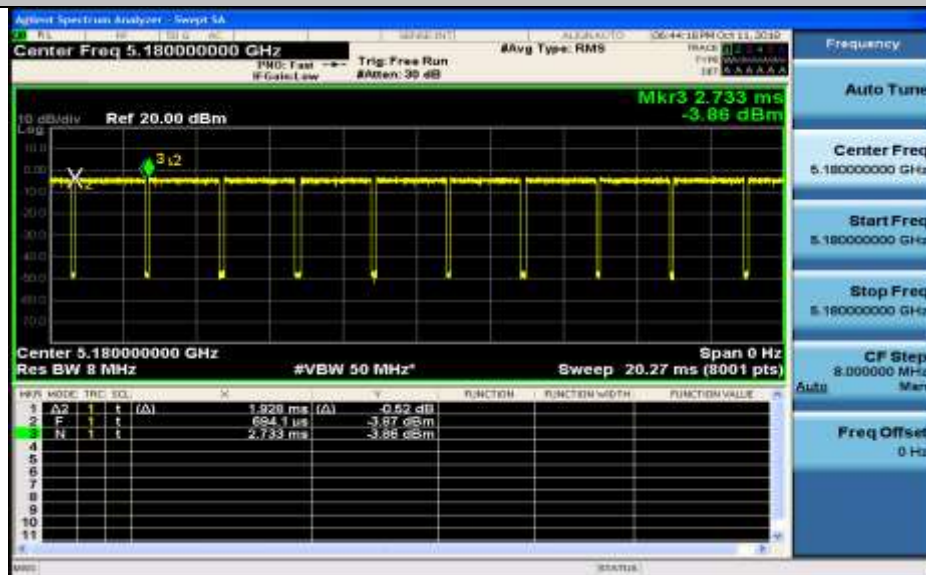
Duty Cycle_11N40_5755_Ant1



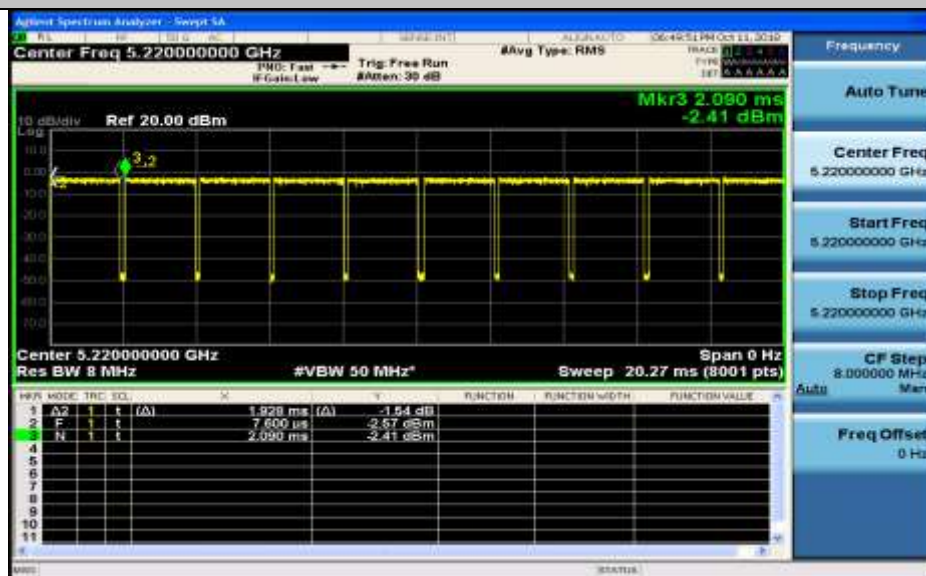
Duty Cycle_11N40_5795_Ant1



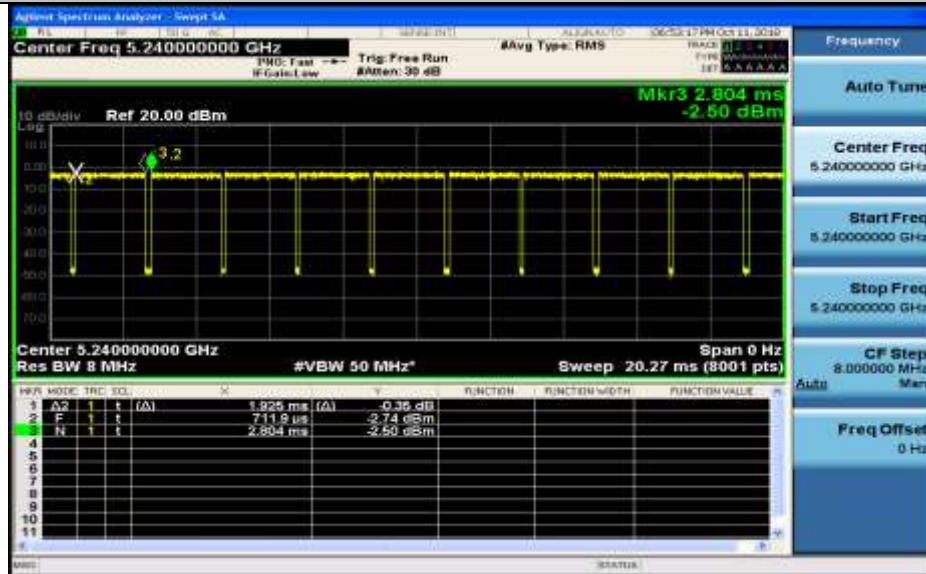
Duty Cycle_11AC20_5180_Ant1



Duty Cycle_11AC20_5220_Ant1



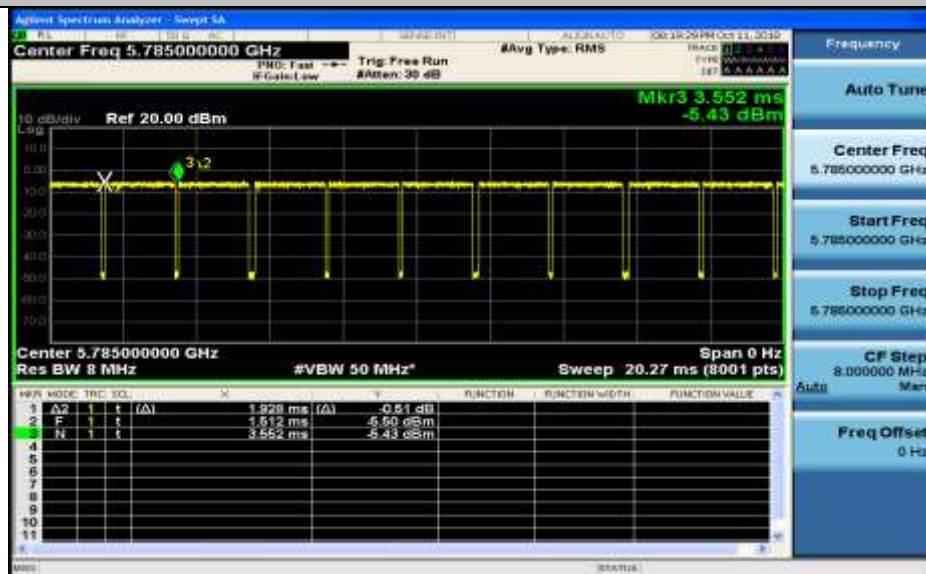
Duty Cycle_11AC20_5240_Ant1



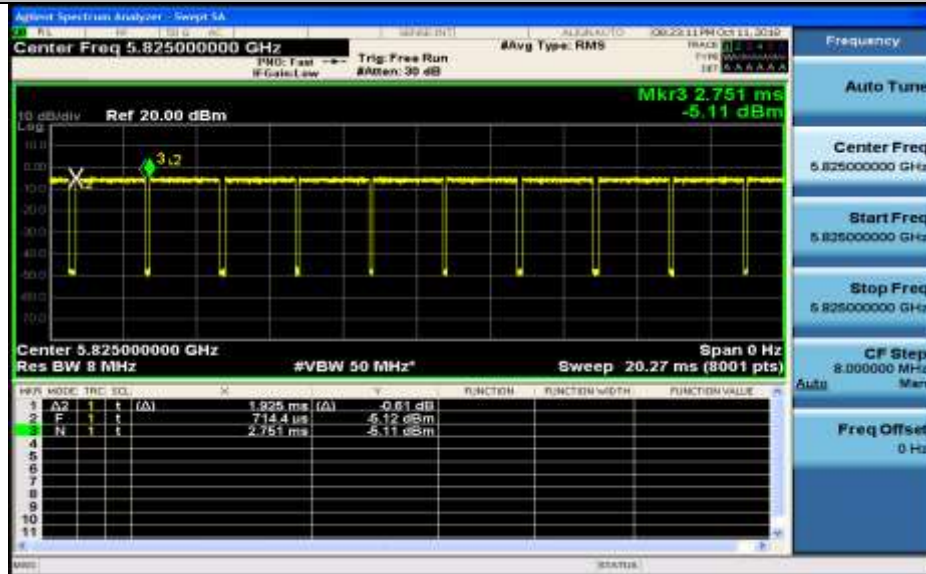
Duty Cycle_11AC20_5745_Ant1



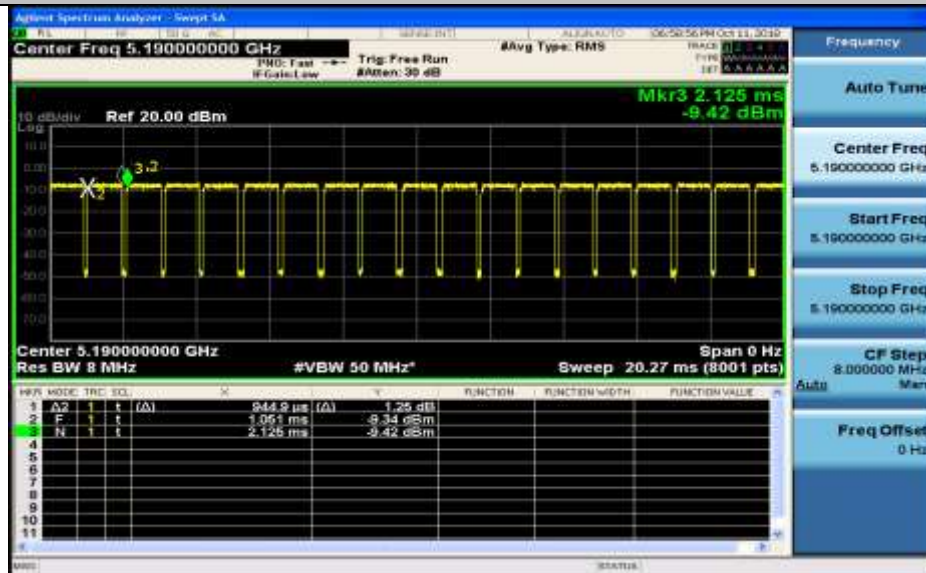
Duty Cycle_11AC20_5785_Ant1



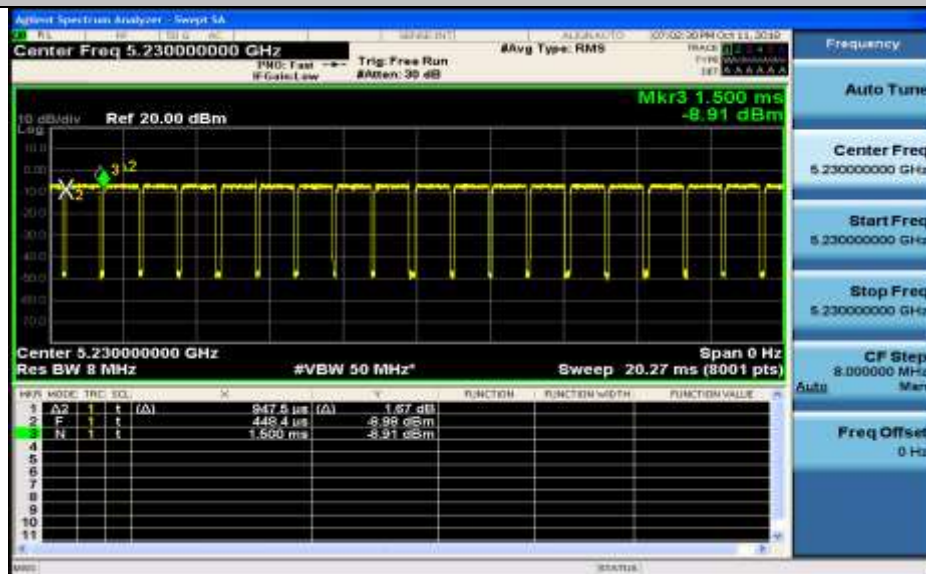
Duty Cycle_11AC20_5825_Ant1



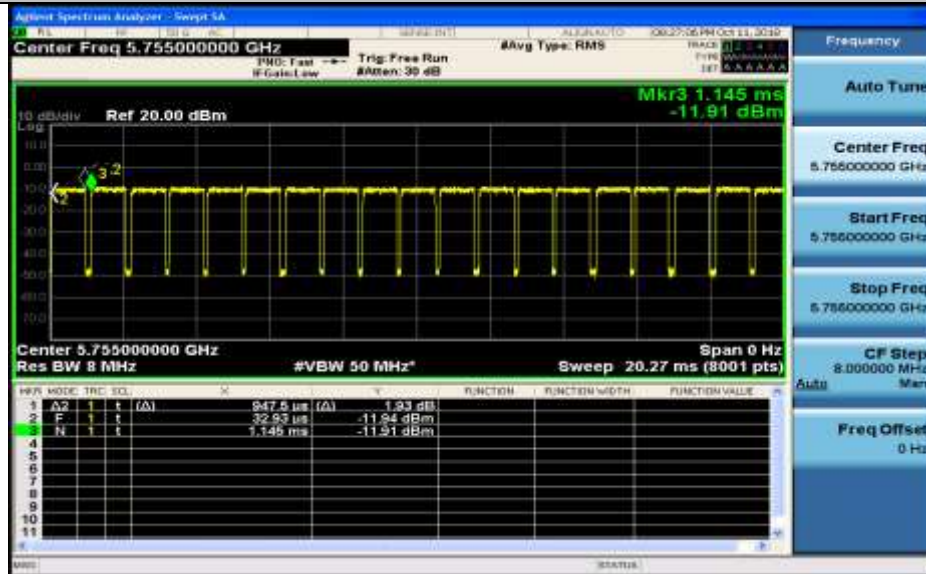
Duty Cycle_11AC40_5190_Ant1



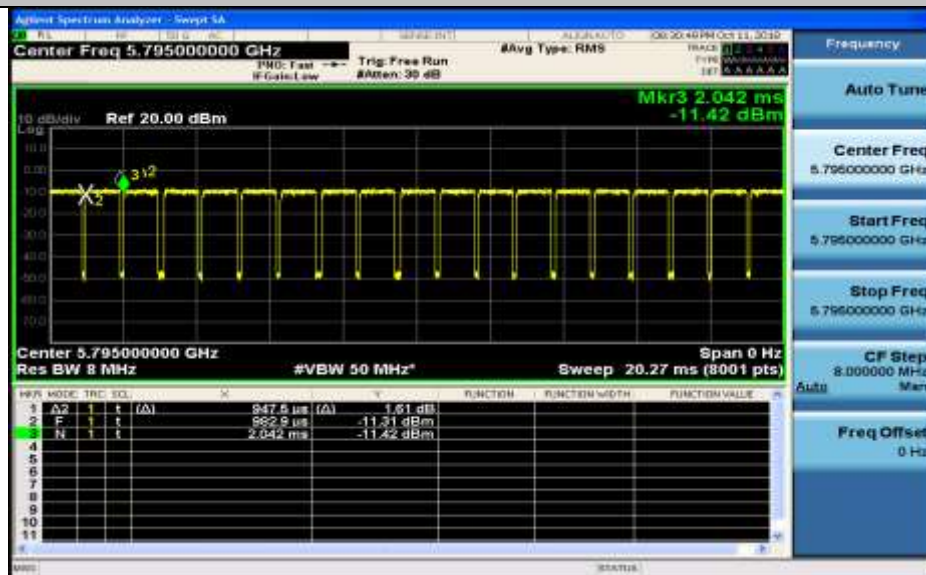
Duty Cycle_11AC40_5230_Ant1



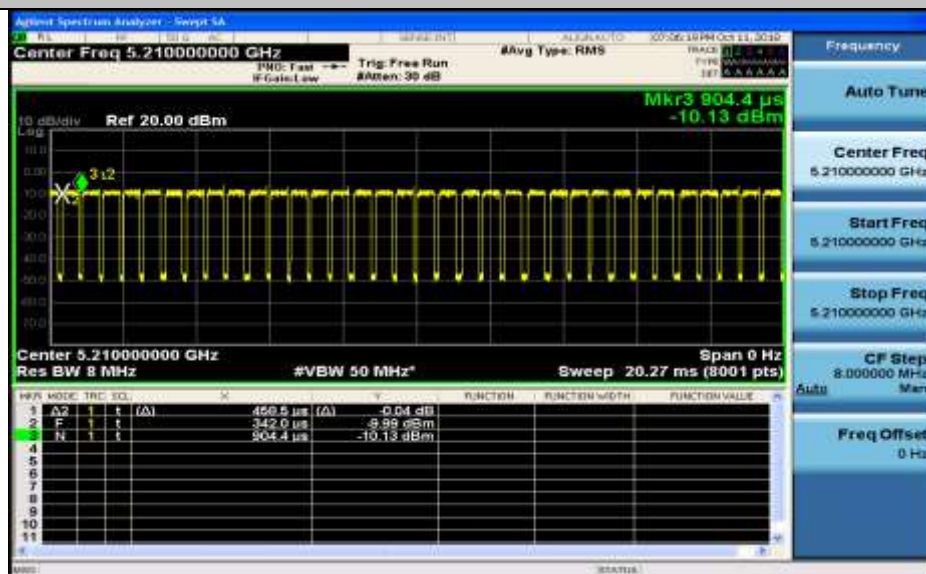
Duty Cycle_11AC40_5755_Ant1



Duty Cycle_11AC40_5795_Ant1



Duty Cycle_11AC80_5210_Ant1



Duty Cycle_11AC80_5775_Ant1

