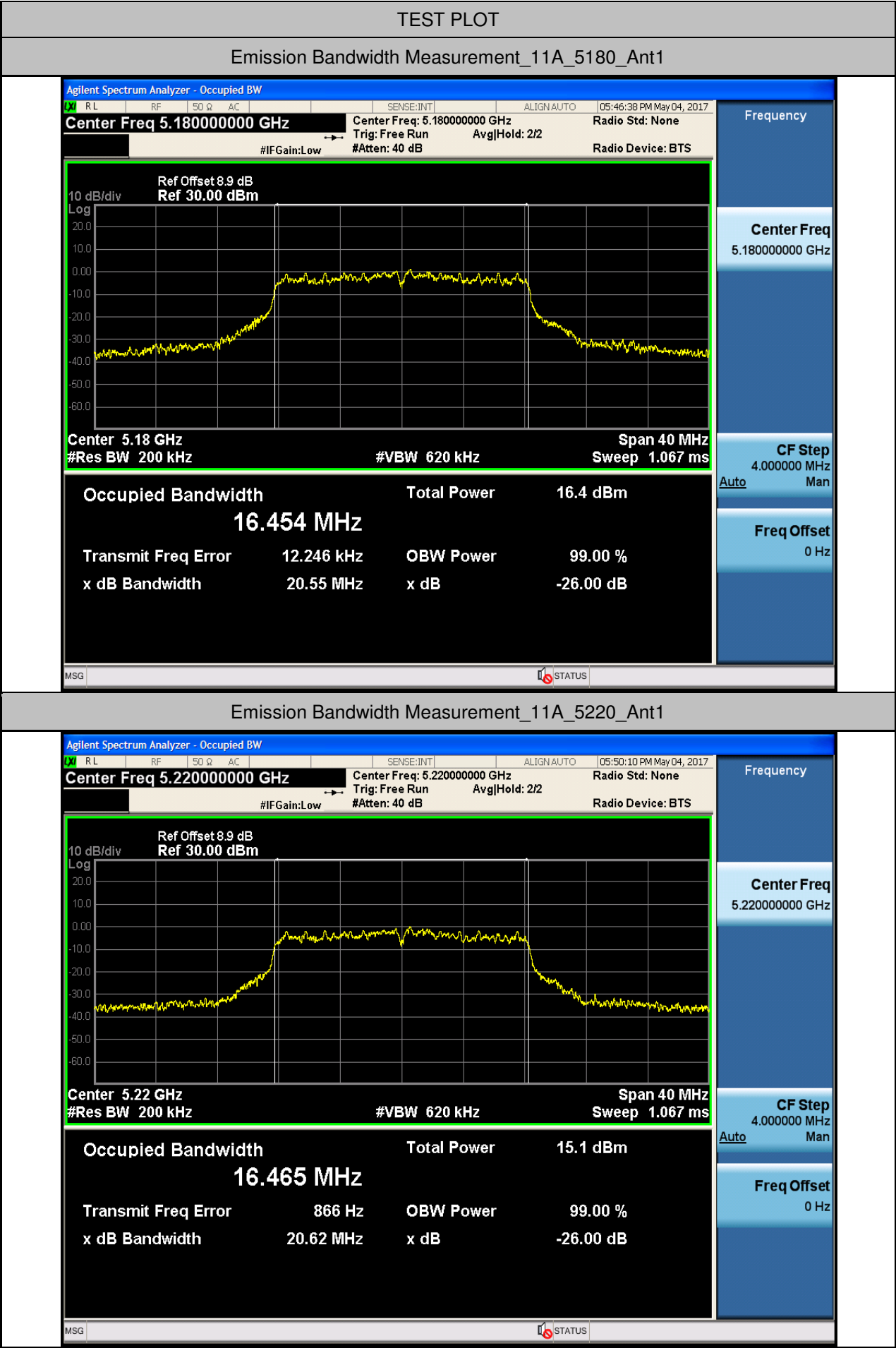
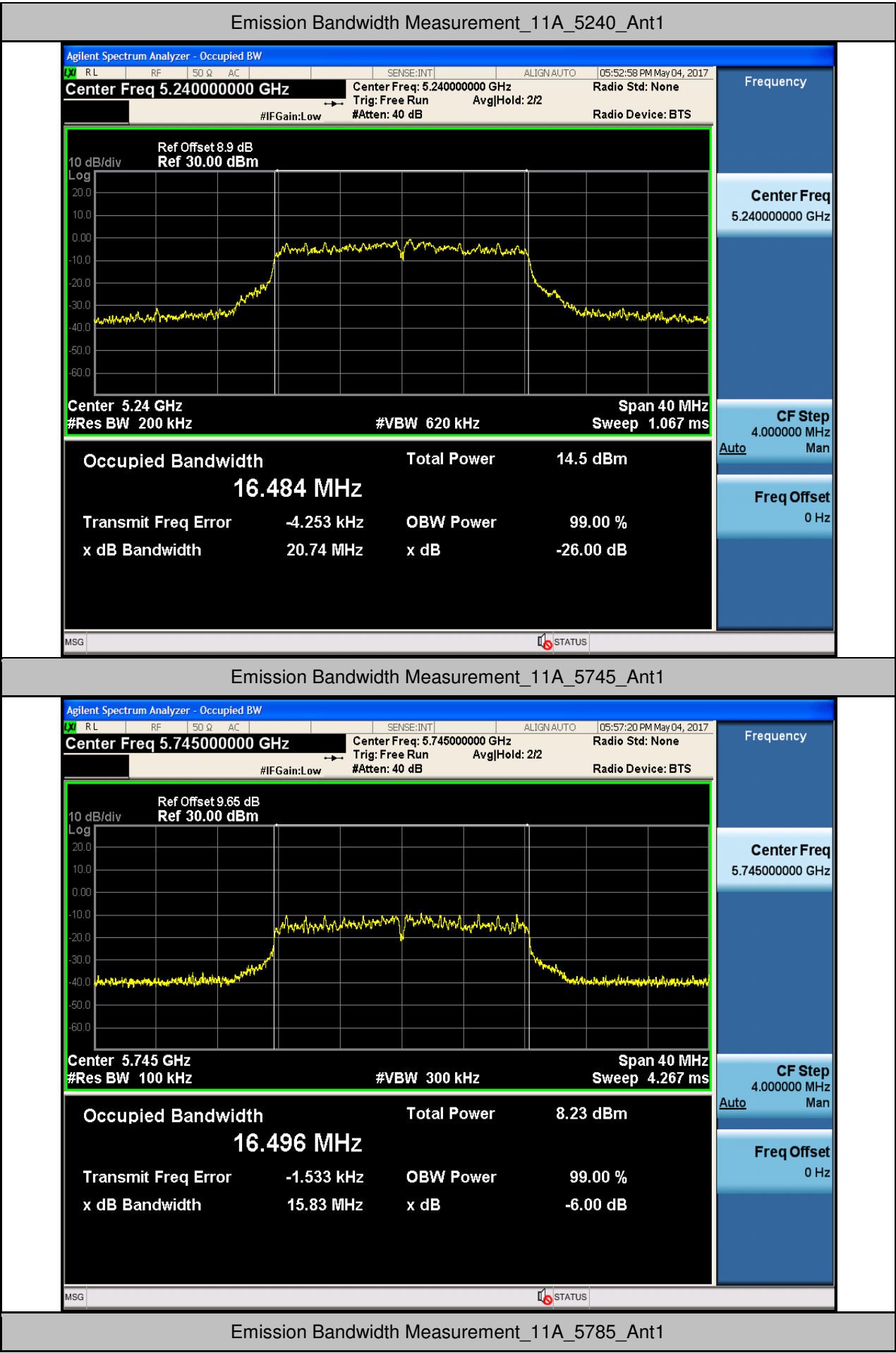


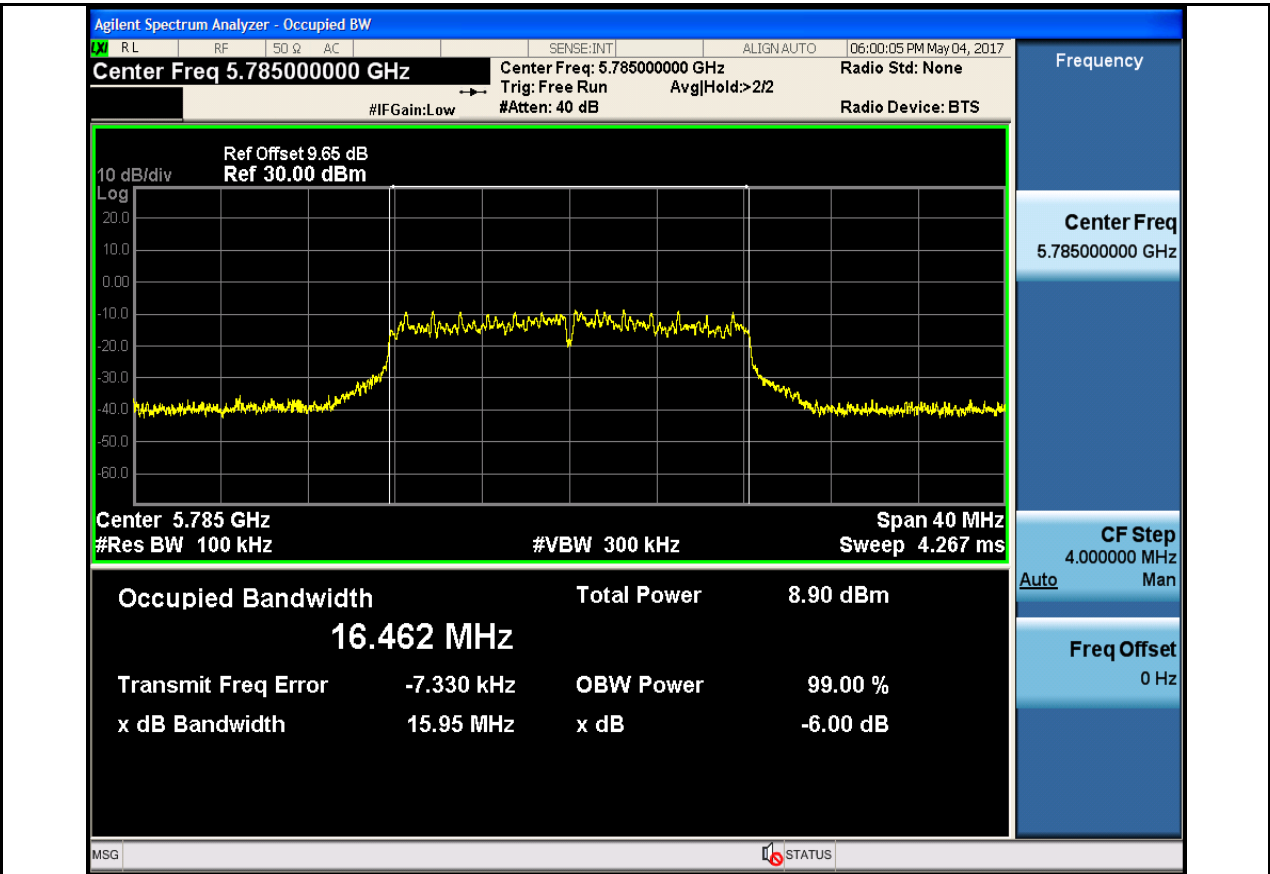
Appendix A for SHEM170300119802

1. Emission Bandwidth

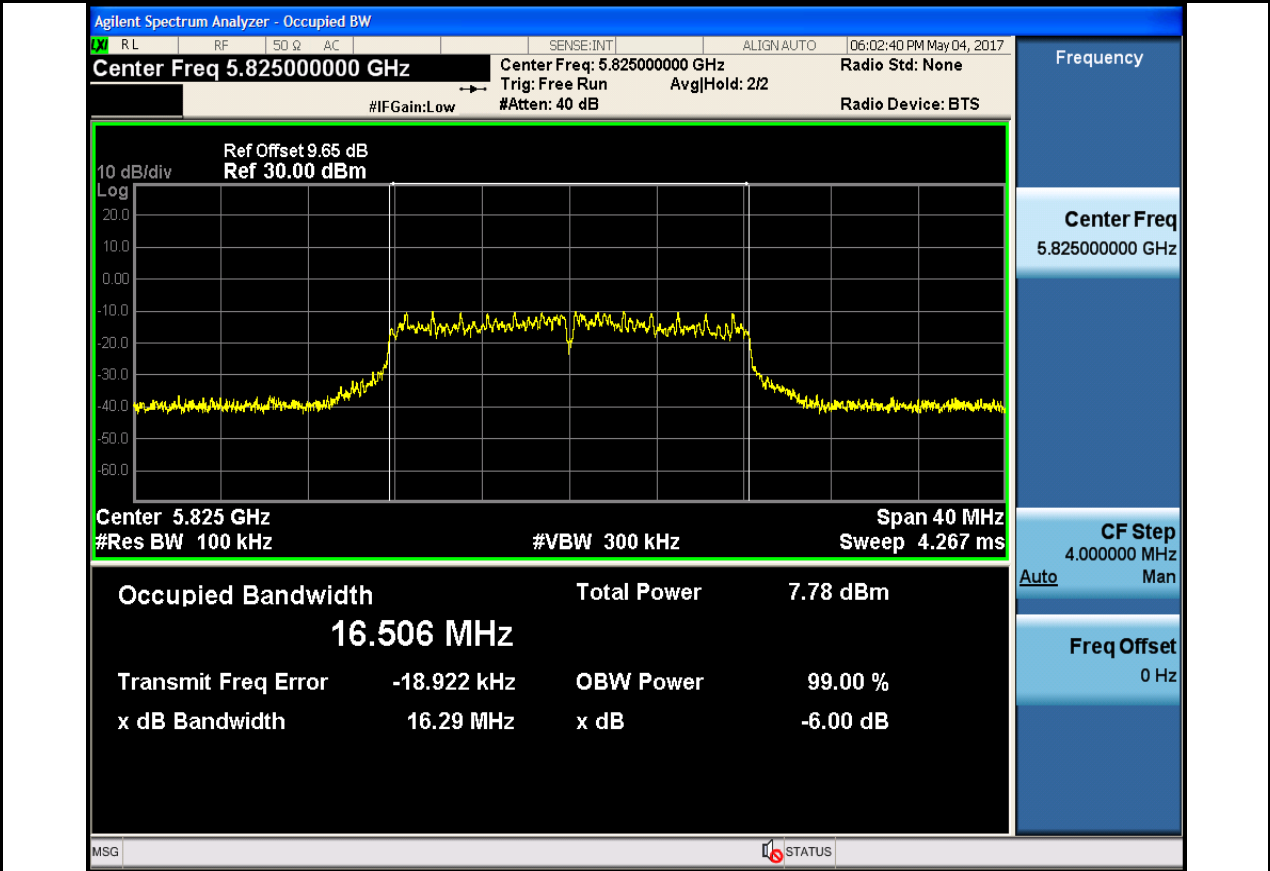
Test Mode	Test Channel	Ant	EBW[MHz]	Limit[MHz]	Verdict
11A	5180	Ant1	20.55	---	PASS
11A	5220	Ant1	20.62	---	PASS
11A	5240	Ant1	20.74	---	PASS
11A	5745	Ant1	15.83	0.5	PASS
11A	5785	Ant1	15.95	0.5	PASS
11A	5825	Ant1	16.29	0.5	PASS
11N20	5180	Ant1	21.06	---	PASS
11N20	5220	Ant1	21.08	---	PASS
11N20	5240	Ant1	20.88	---	PASS
11N20	5745	Ant1	17.57	0.5	PASS
11N20	5785	Ant1	17.59	0.5	PASS
11N20	5825	Ant1	17.58	0.5	PASS
11N40	5190	Ant1	39.20	---	PASS
11N40	5230	Ant1	39.42	---	PASS
11N40	5755	Ant1	36.34	0.5	PASS
11N40	5795	Ant1	36.38	0.5	PASS
11AC20	5180	Ant1	21.01	---	PASS
11AC20	5220	Ant1	20.97	---	PASS
11AC20	5240	Ant1	20.81	---	PASS
11AC20	5745	Ant1	17.49	0.5	PASS
11AC20	5785	Ant1	17.65	0.5	PASS
11AC20	5825	Ant1	17.58	0.5	PASS
11AC40	5190	Ant1	40.13	---	PASS
11AC40	5230	Ant1	39.80	---	PASS
11AC40	5755	Ant1	36.41	0.5	PASS
11AC40	5795	Ant1	36.21	0.5	PASS
11AC80	5210	Ant1	81.06	---	PASS
11AC80	5775	Ant1	75.33	0.5	PASS



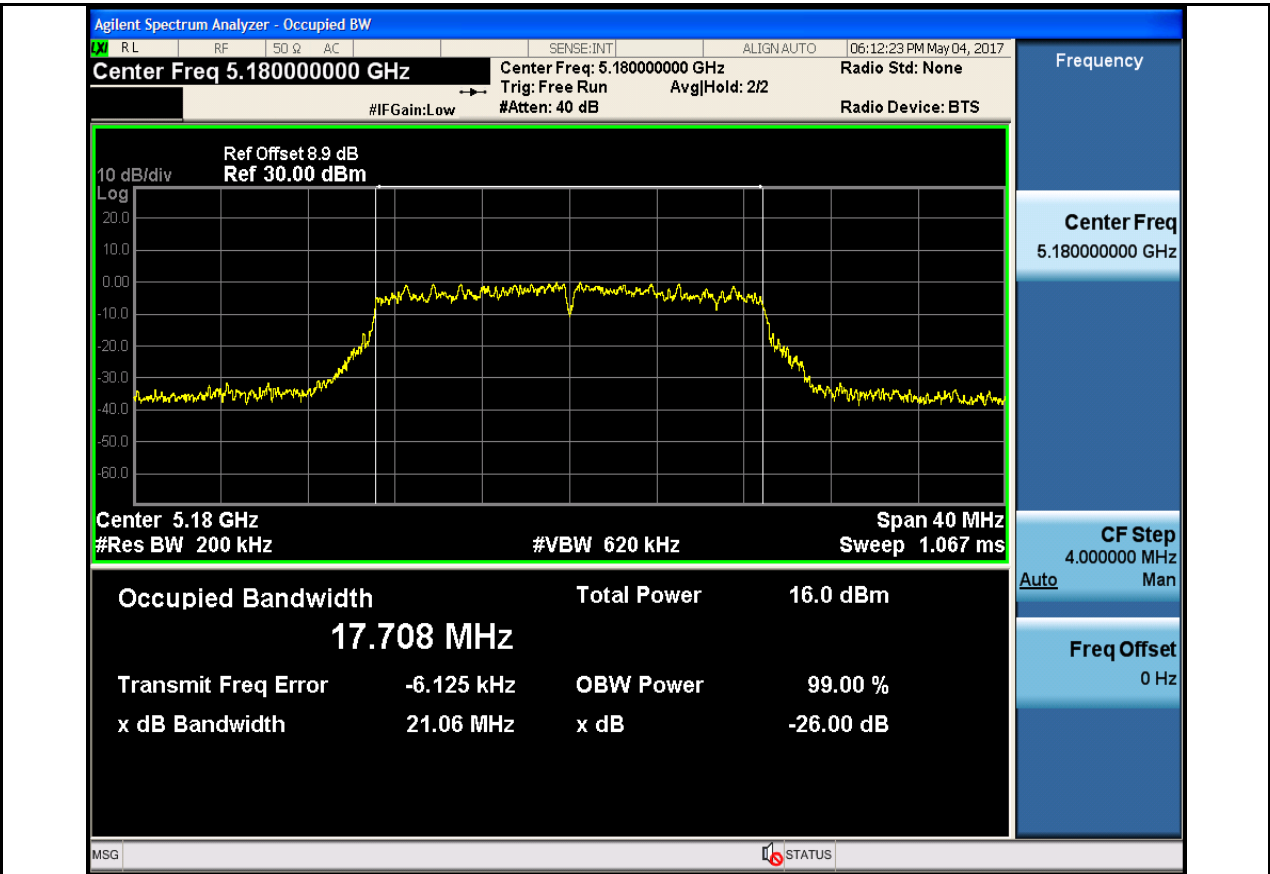




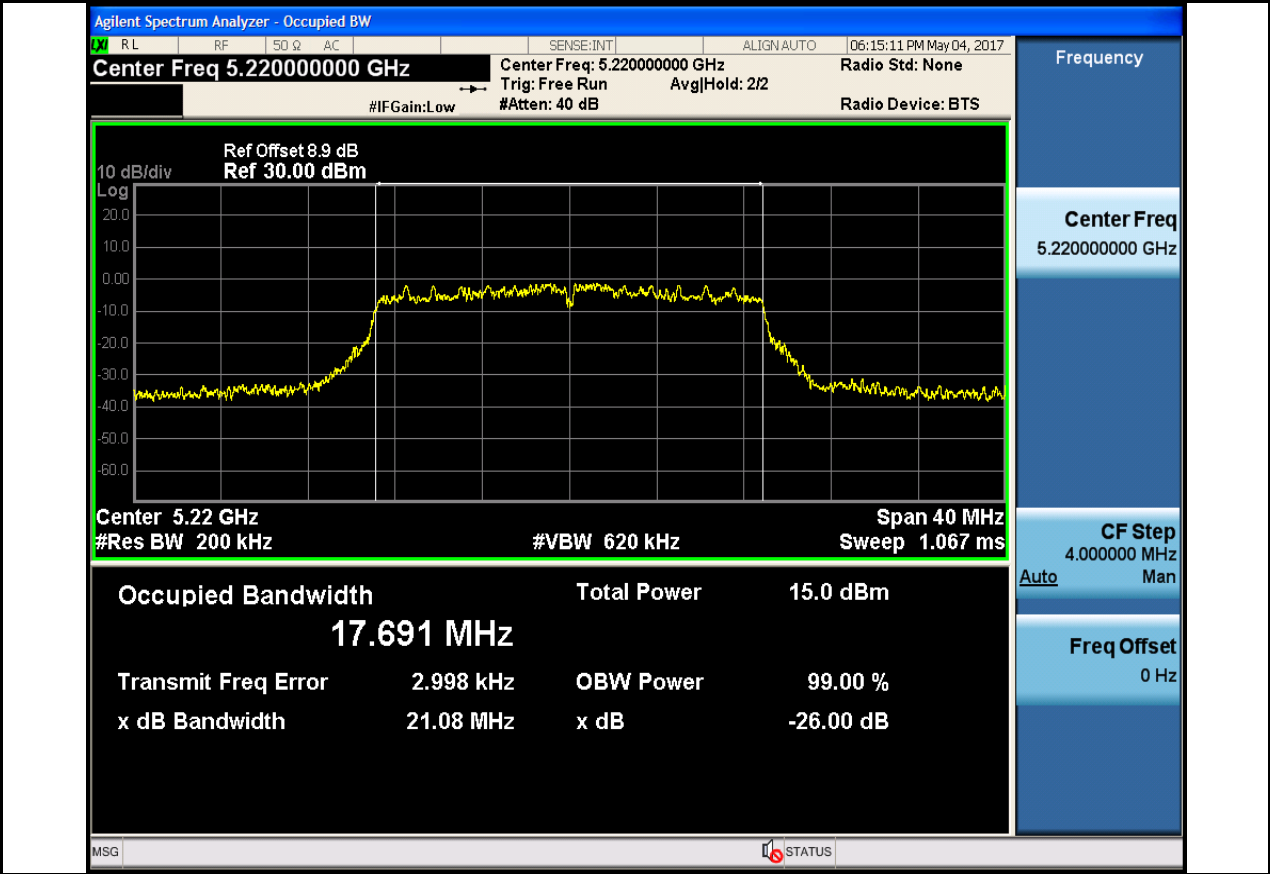
Emission Bandwidth Measurement_11A_5825_Ant1



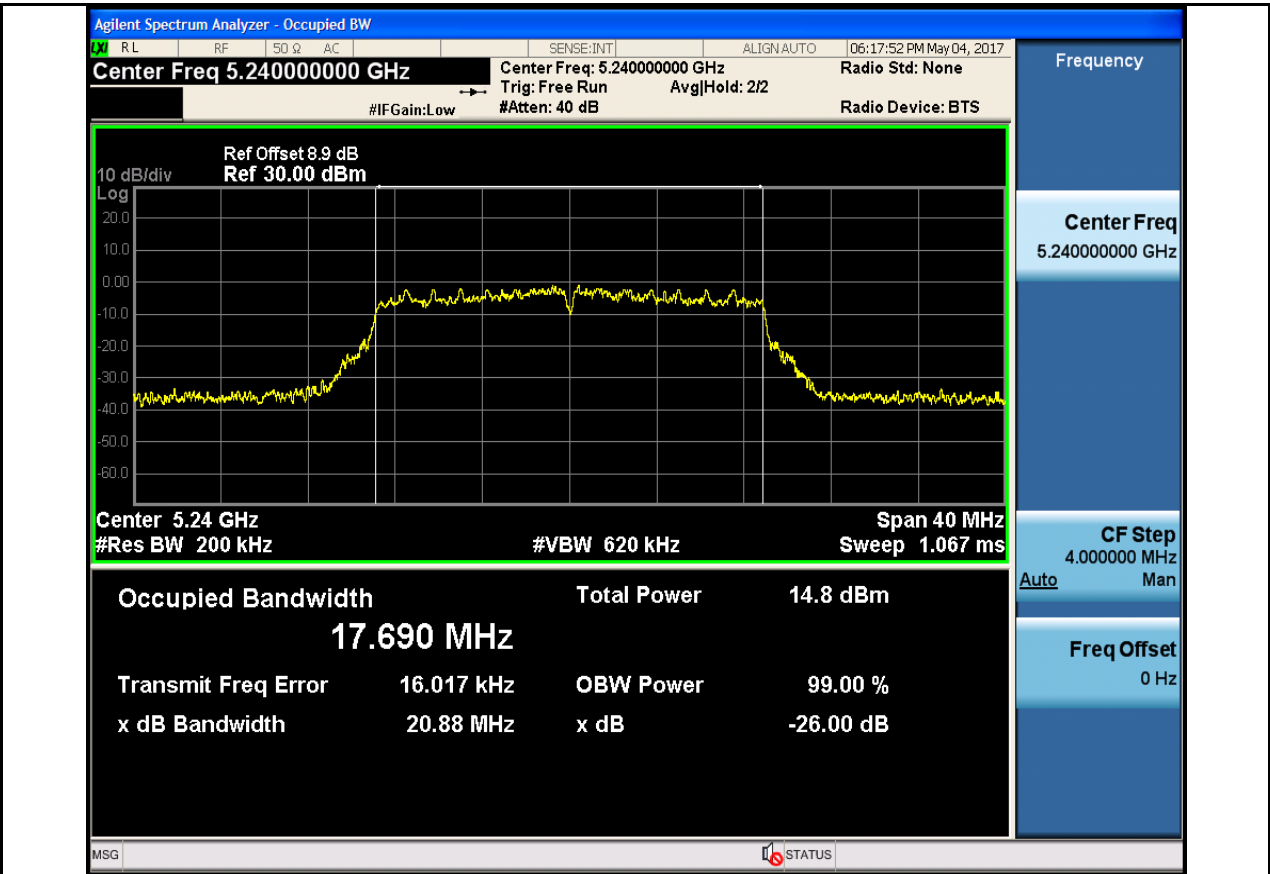
Emission Bandwidth Measurement_11N20_5180_Ant1



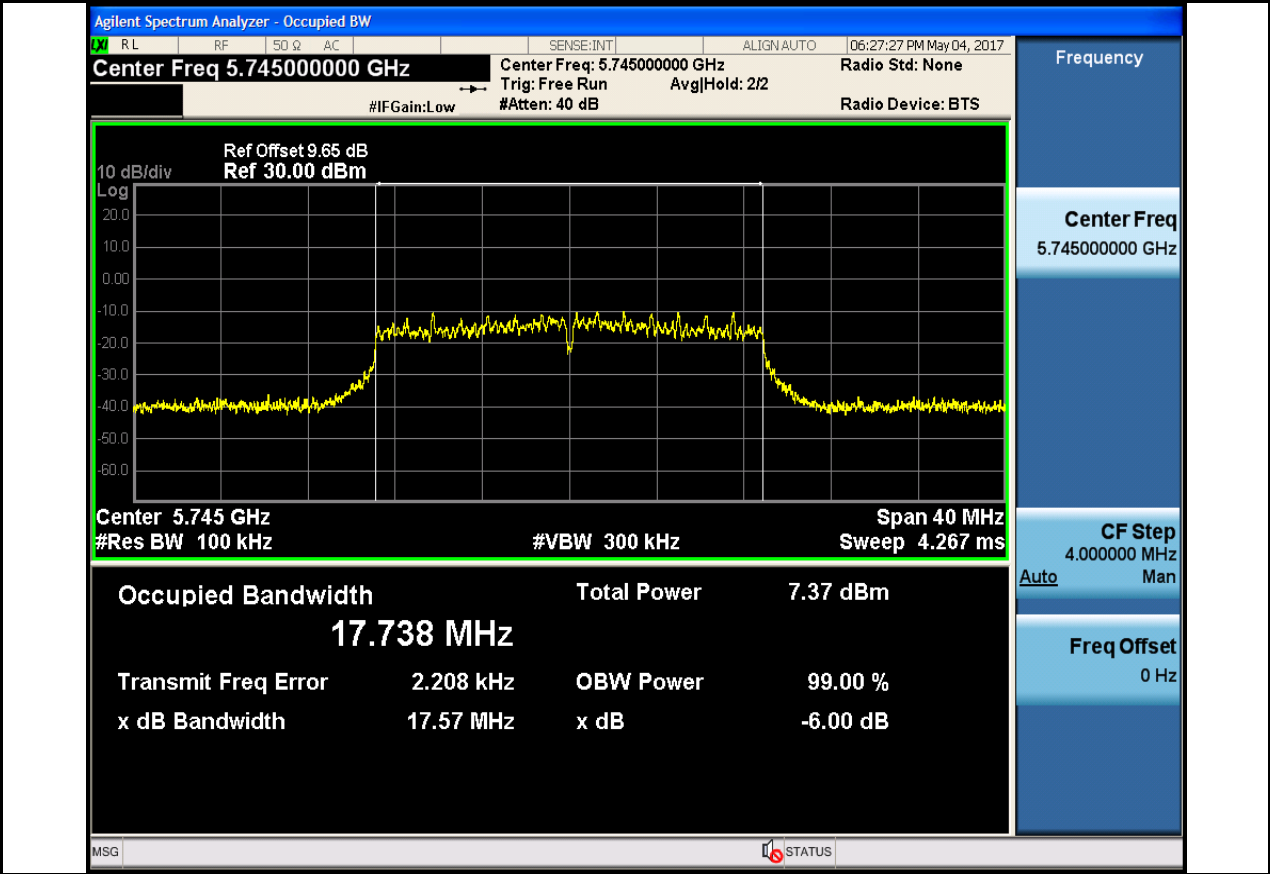
Emission Bandwidth Measurement_11N20_5220_Ant1



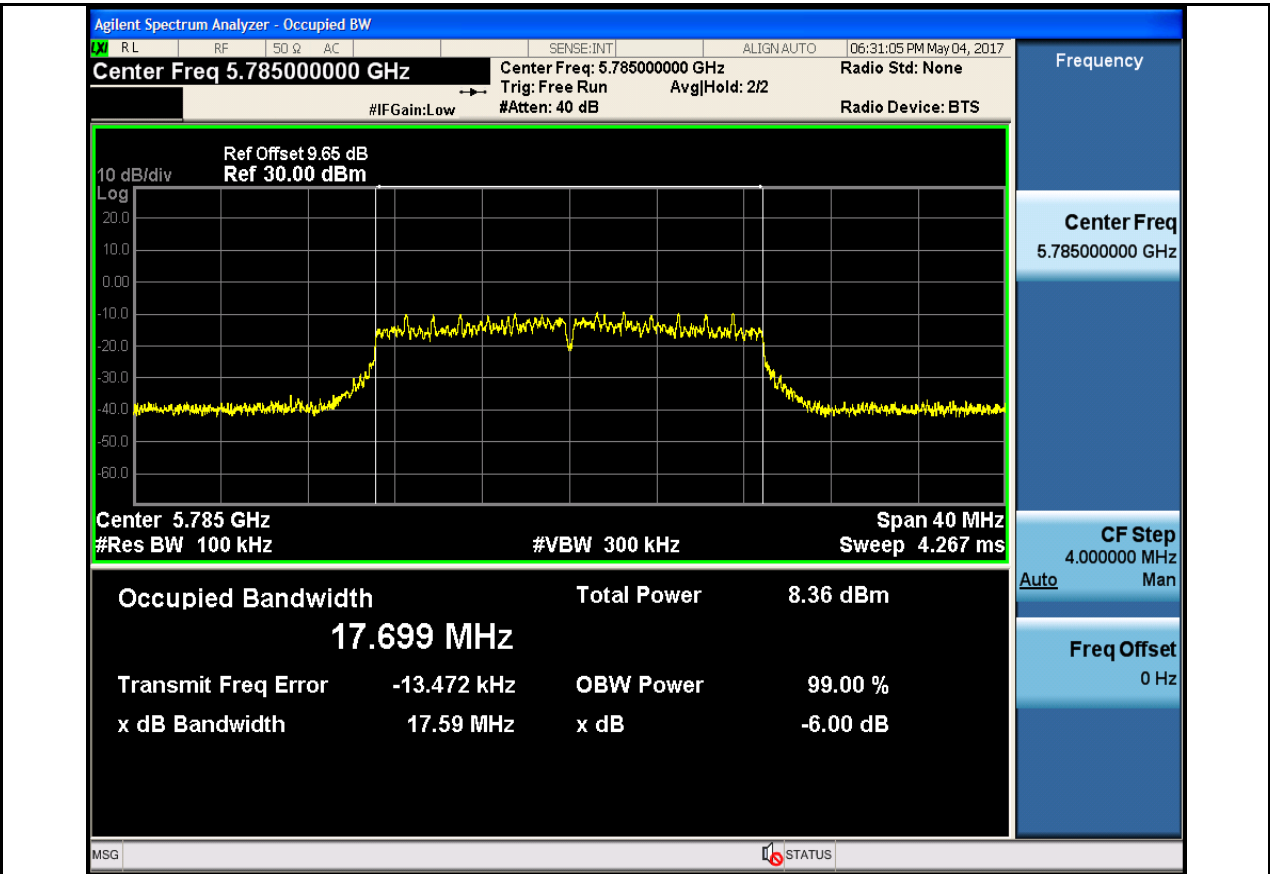
Emission Bandwidth Measurement_11N20_5240_Ant1



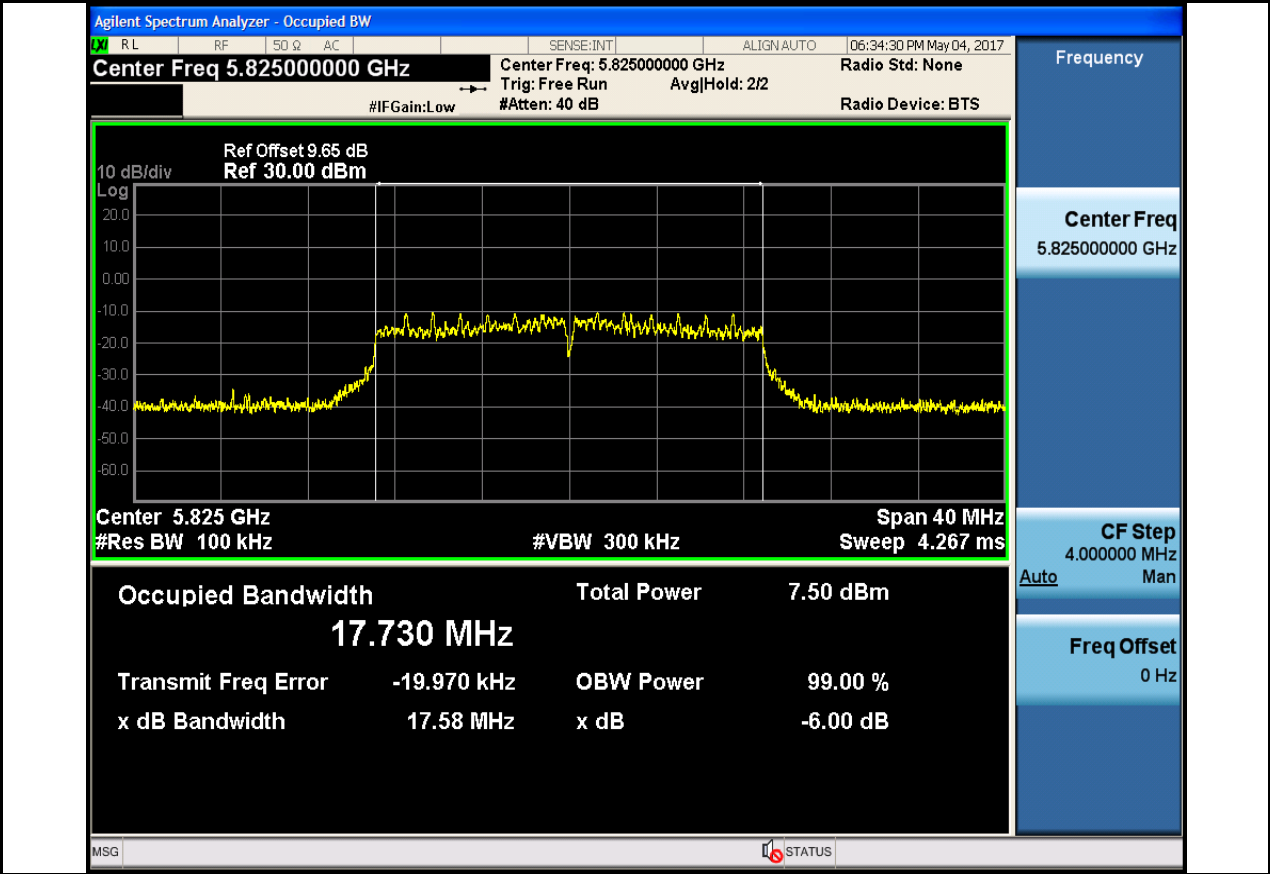
Emission Bandwidth Measurement_11N20_5745_Ant1



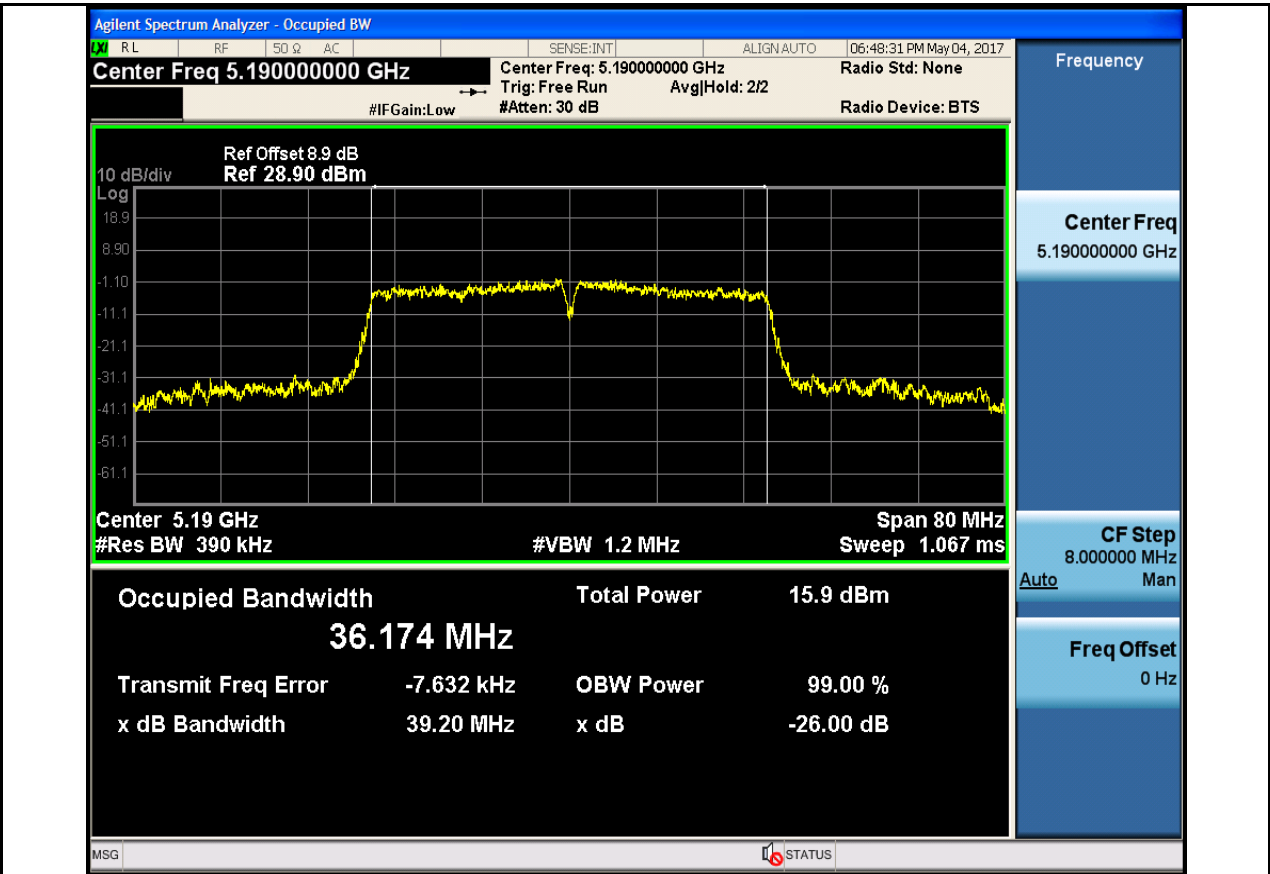
Emission Bandwidth Measurement_11N20_5785_Ant1



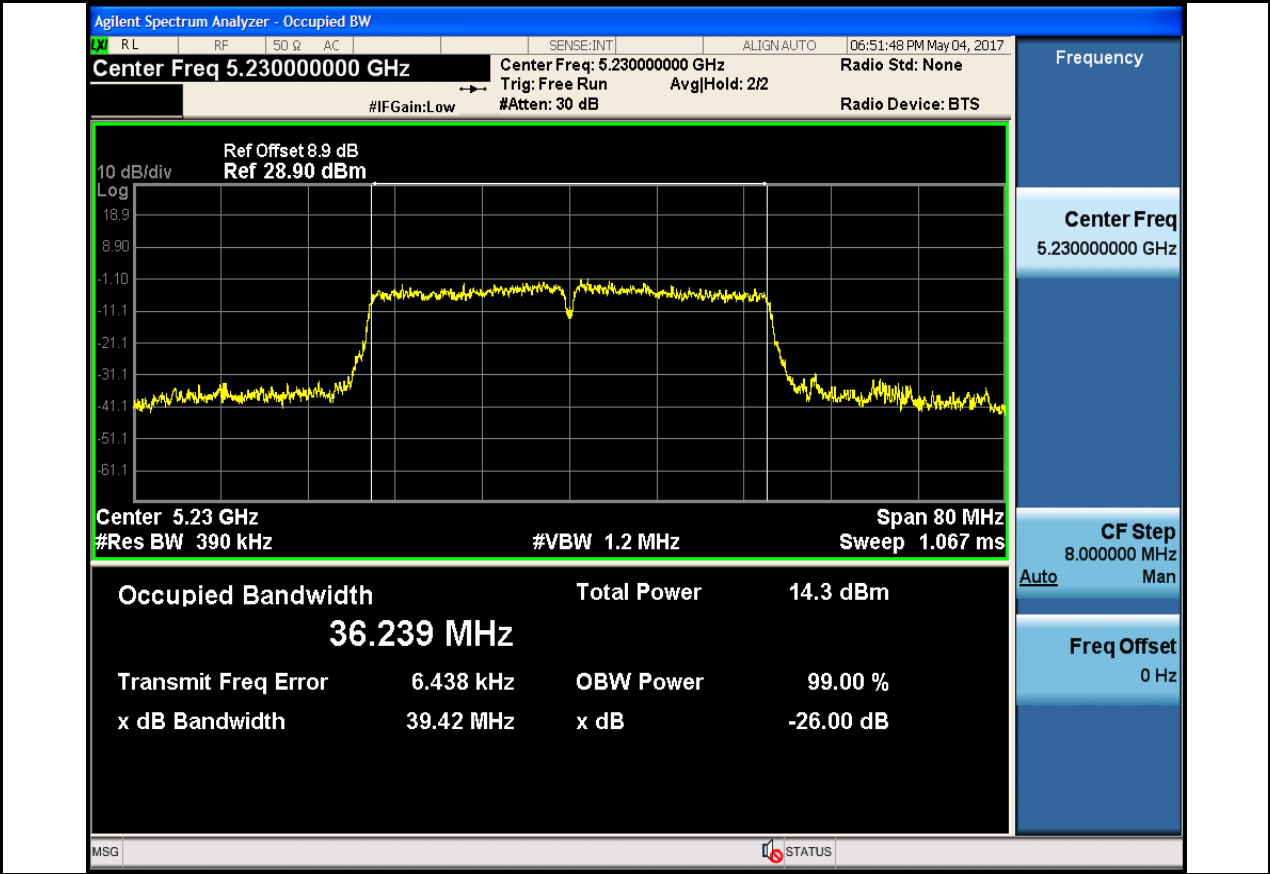
Emission Bandwidth Measurement_11N20_5825_Ant1



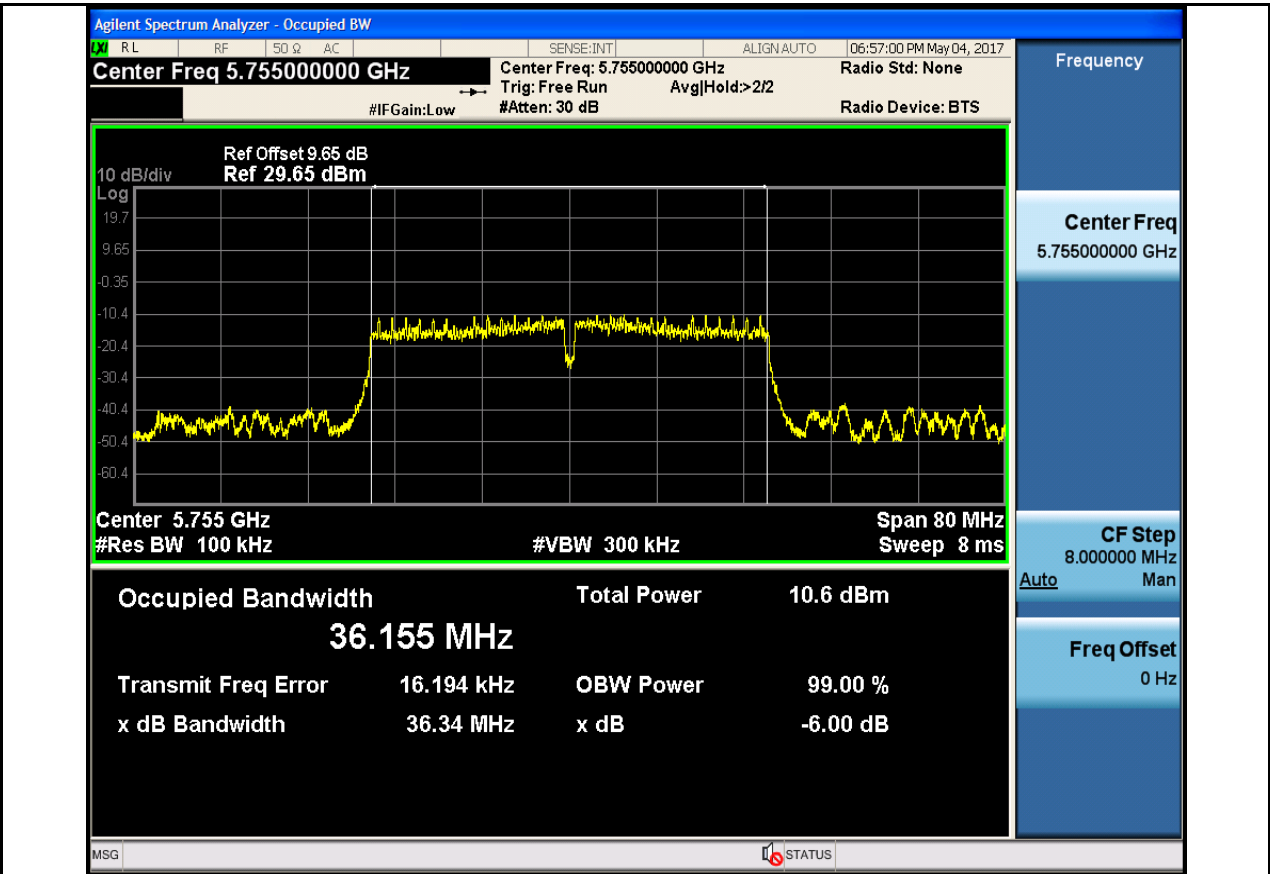
Emission Bandwidth Measurement_11N40_5190_Ant1



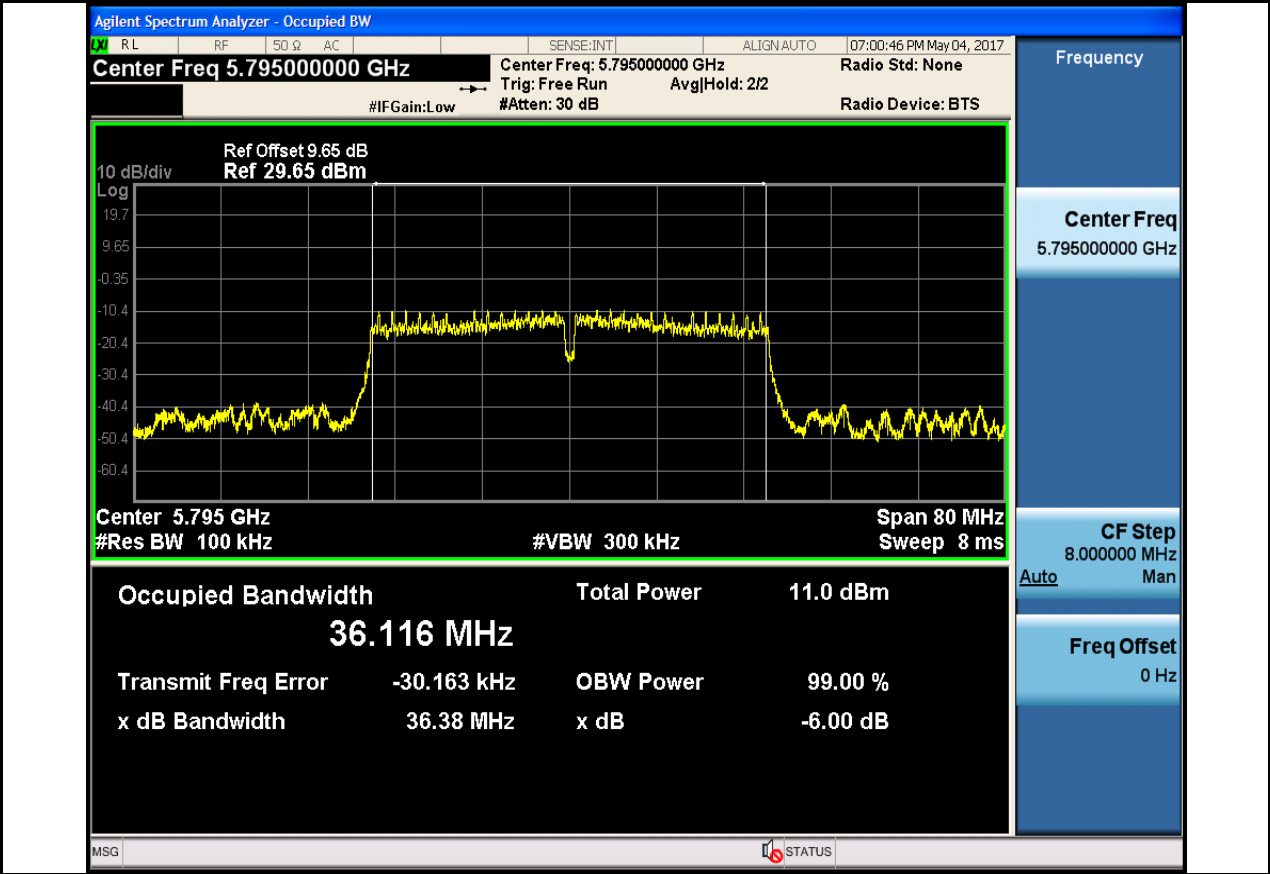
Emission Bandwidth Measurement_11N40_5230_Ant1



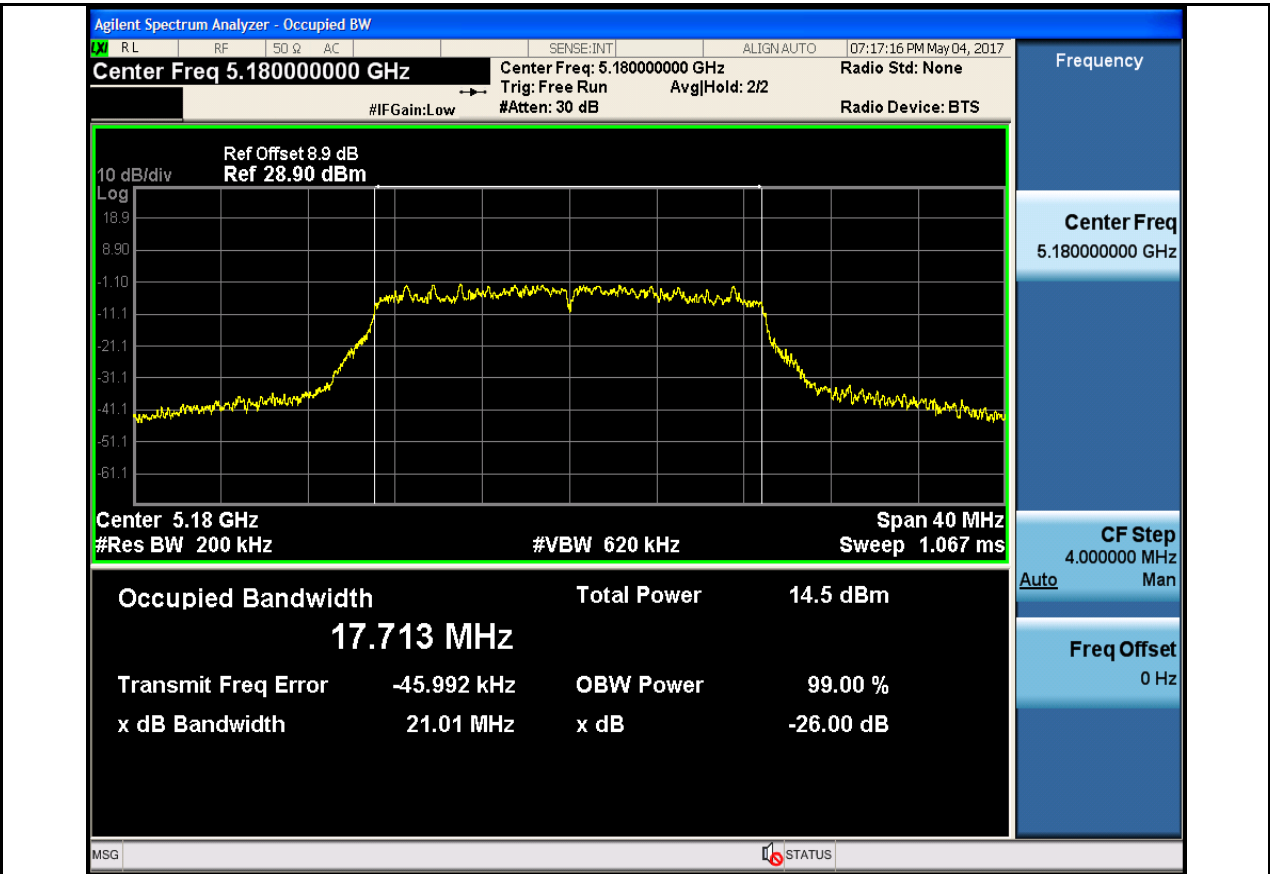
Emission Bandwidth Measurement_11N40_5755_Ant1



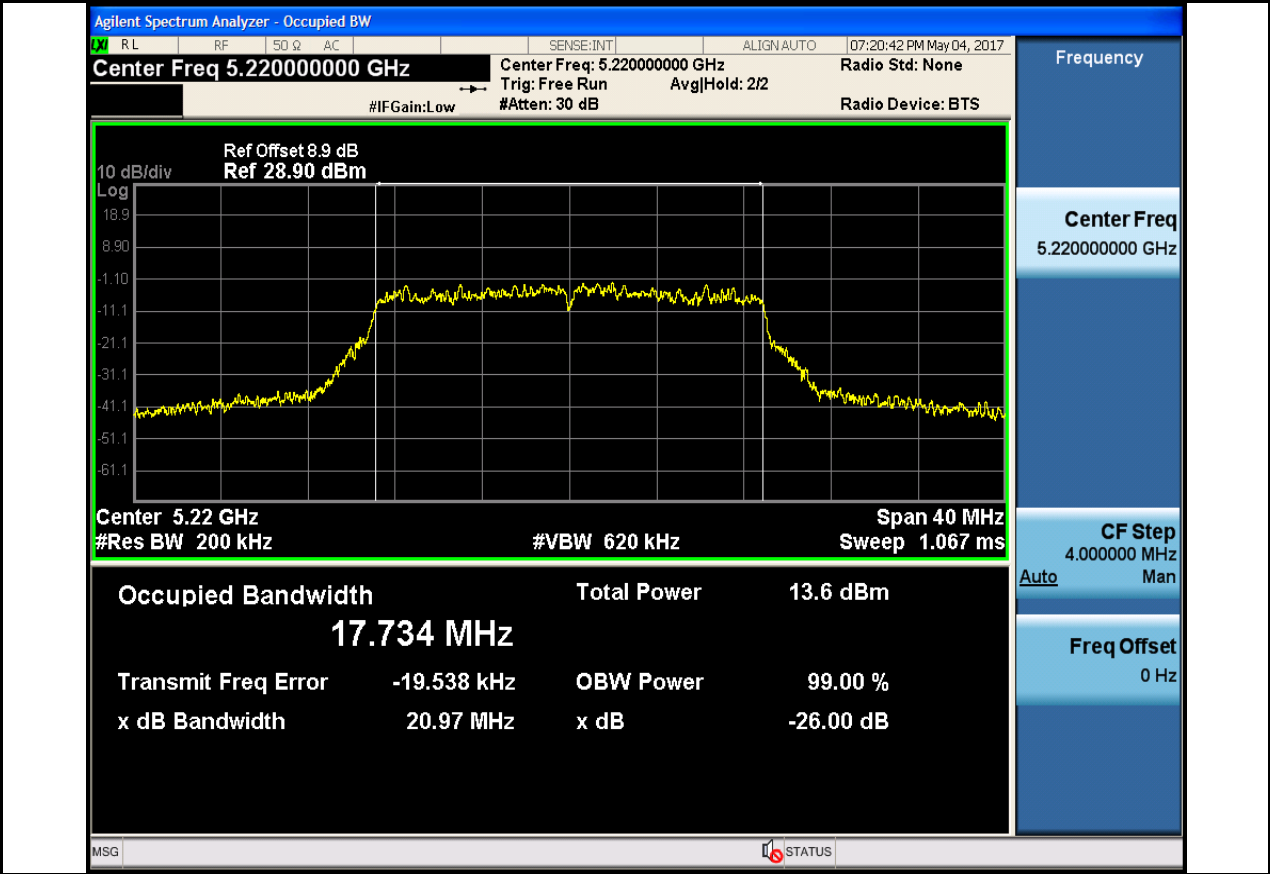
Emission Bandwidth Measurement_11N40_5795_Ant1



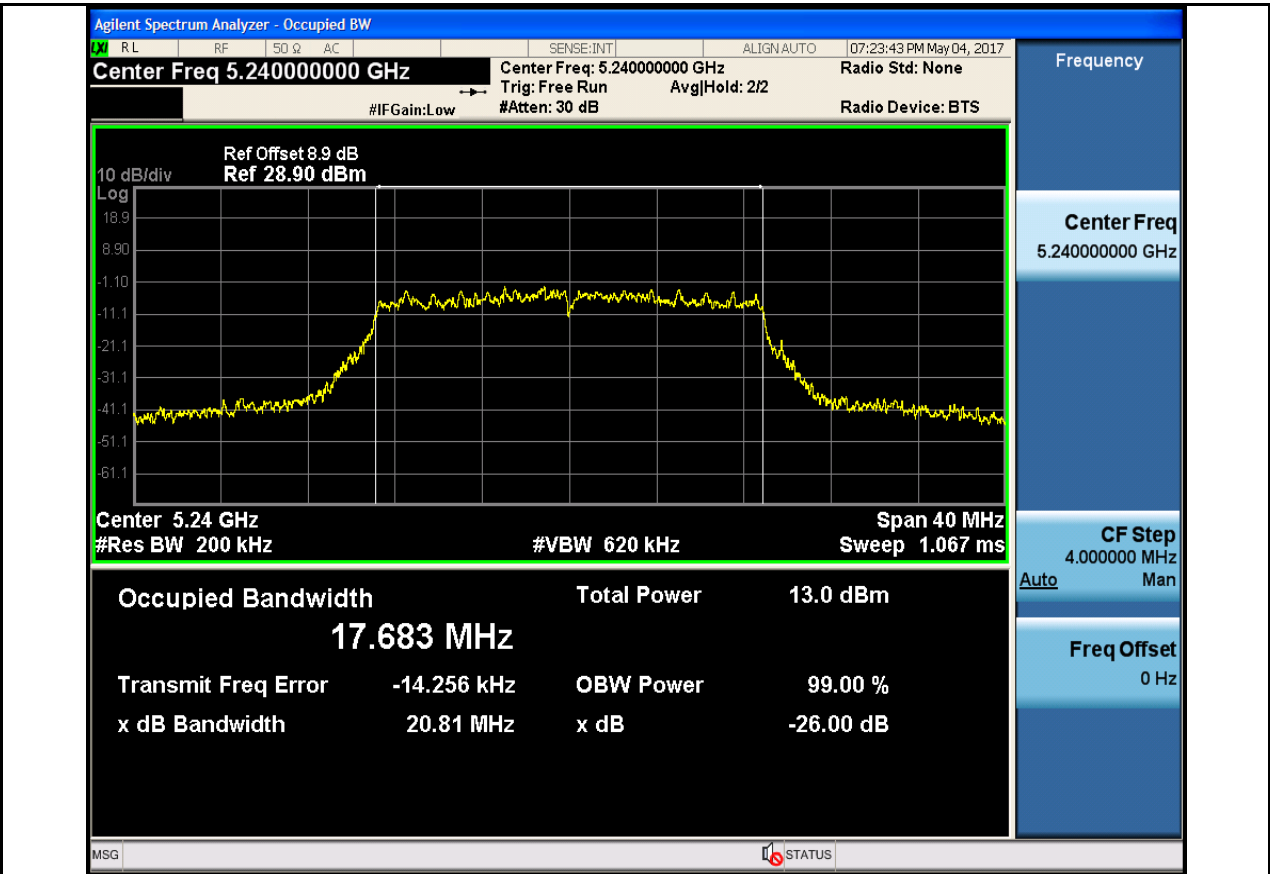
Emission Bandwidth Measurement_11AC20_5180_Ant1



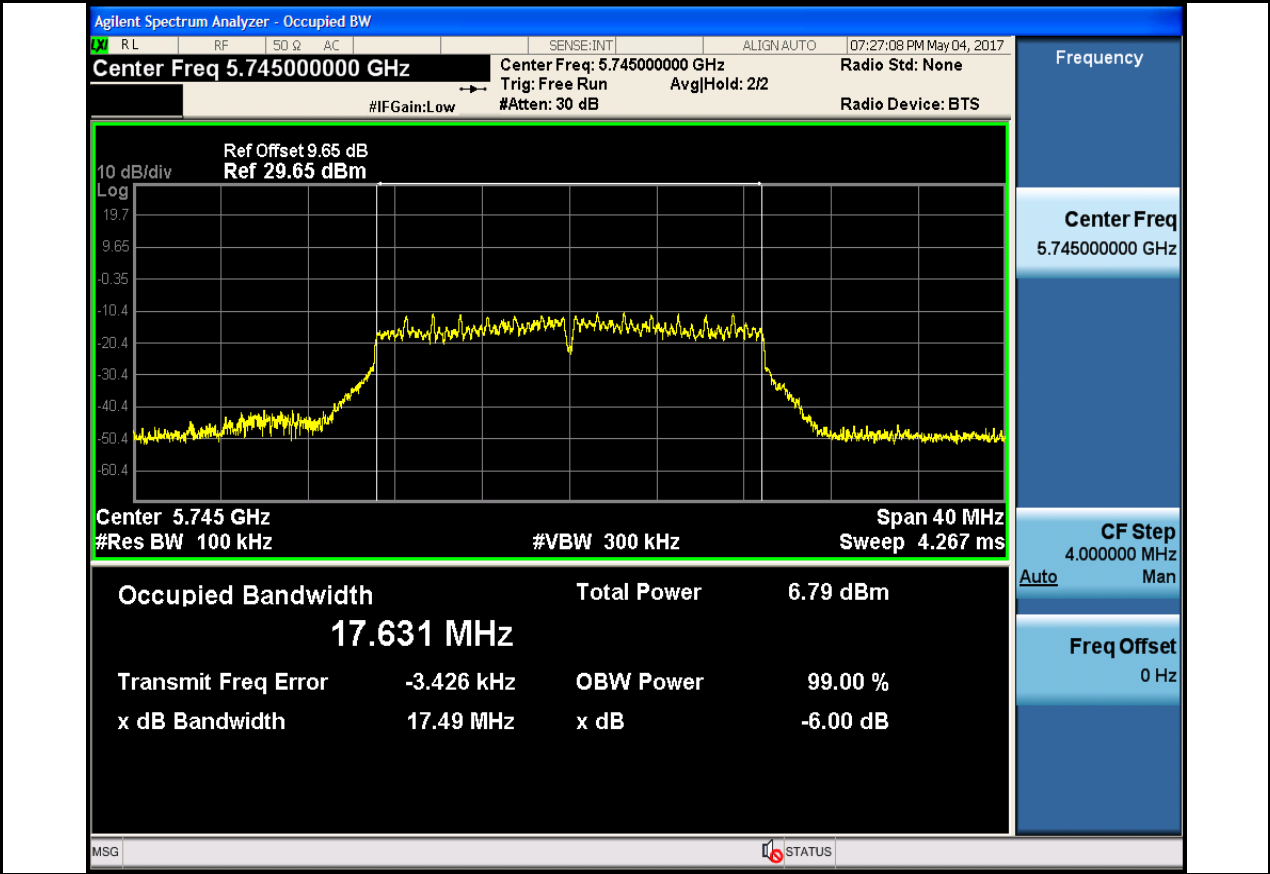
Emission Bandwidth Measurement_11AC20_5220_Ant1



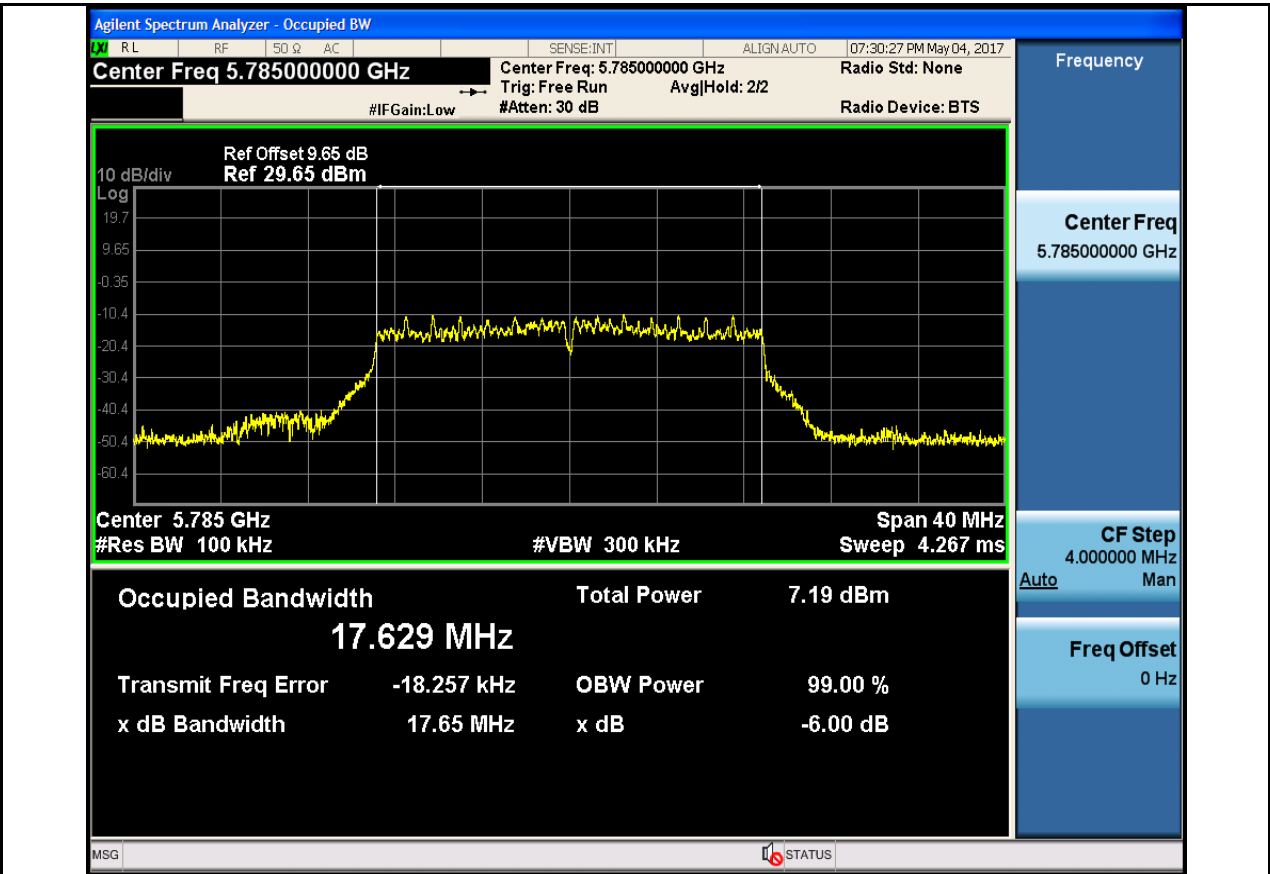
Emission Bandwidth Measurement_11AC20_5240_Ant1



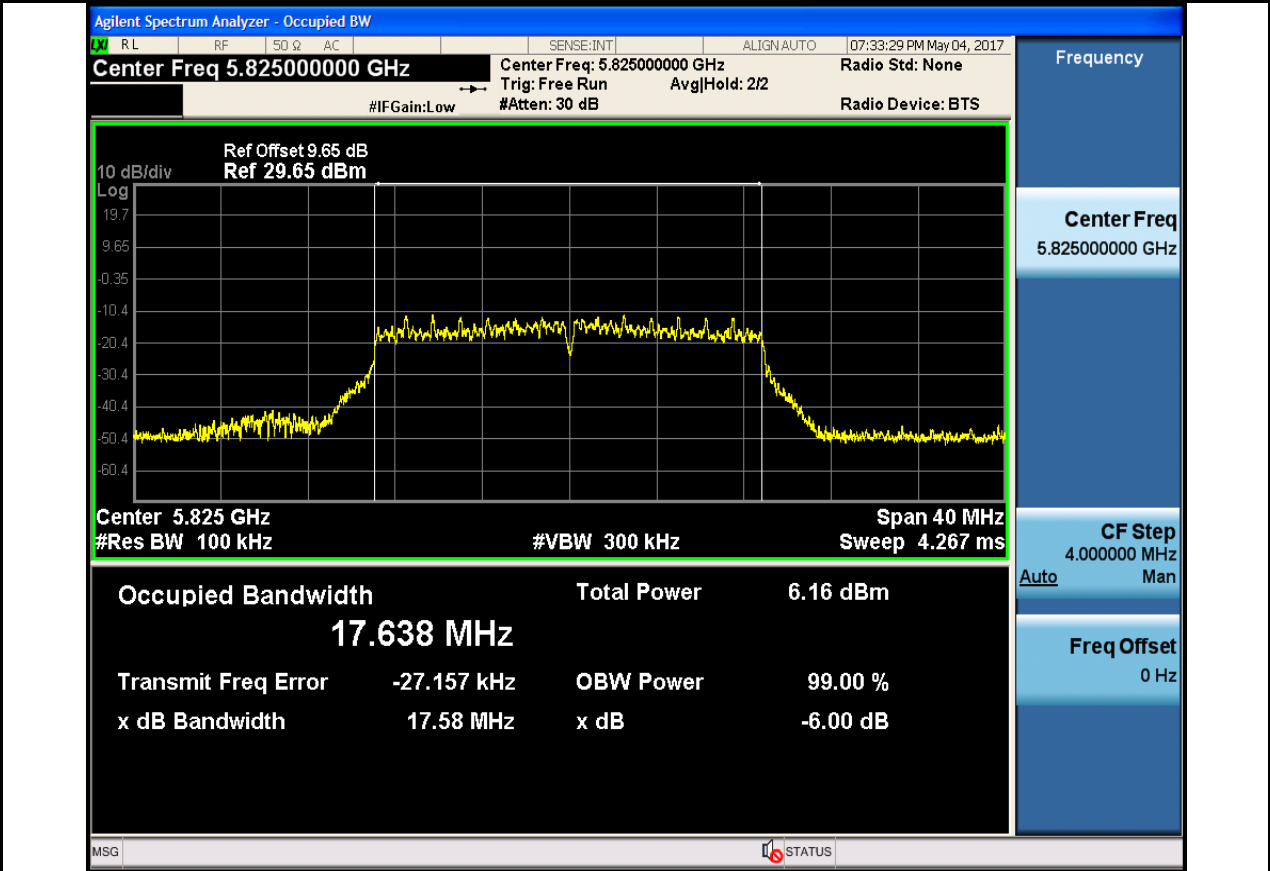
Emission Bandwidth Measurement_11AC20_5745_Ant1



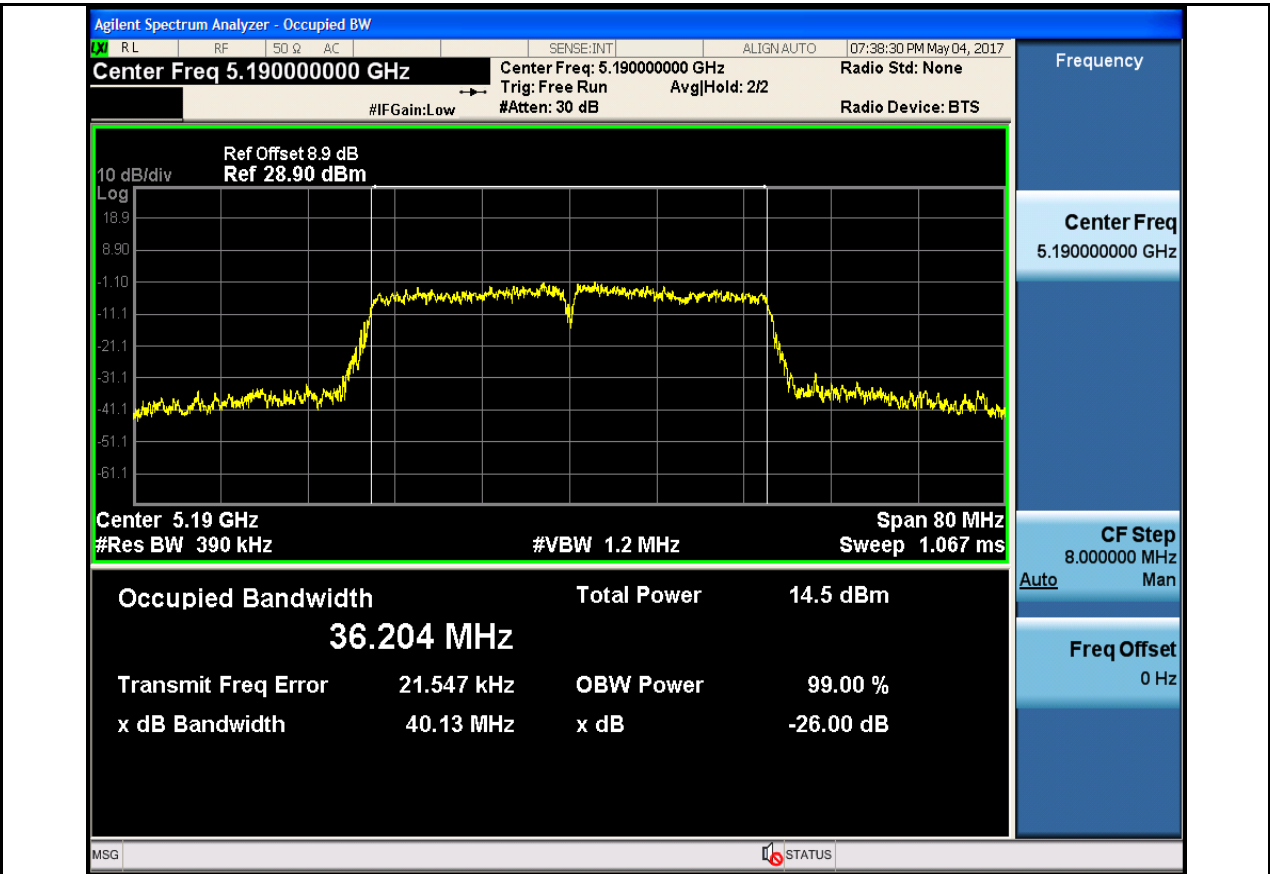
Emission Bandwidth Measurement_11AC20_5785_Ant1



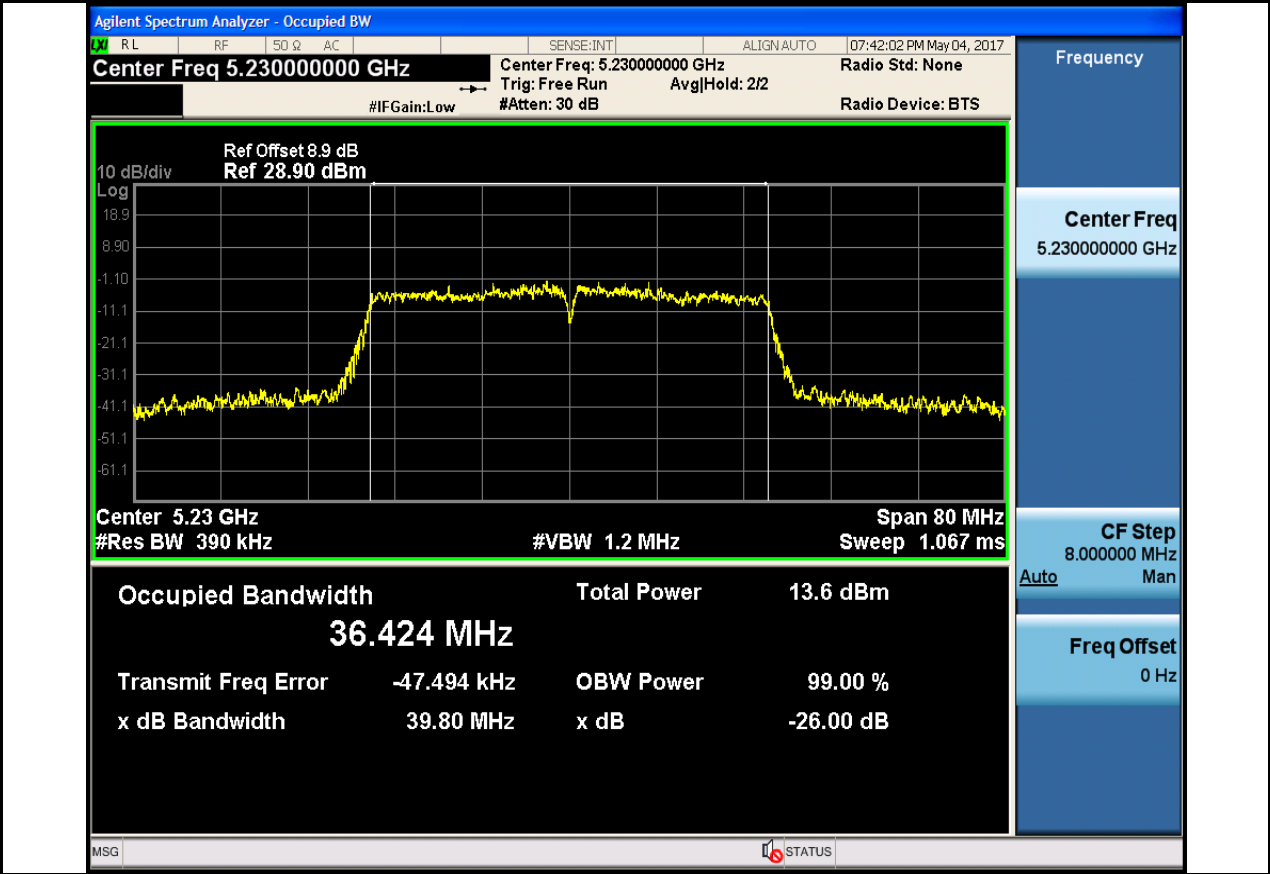
Emission Bandwidth Measurement_11AC20_5825_Ant1



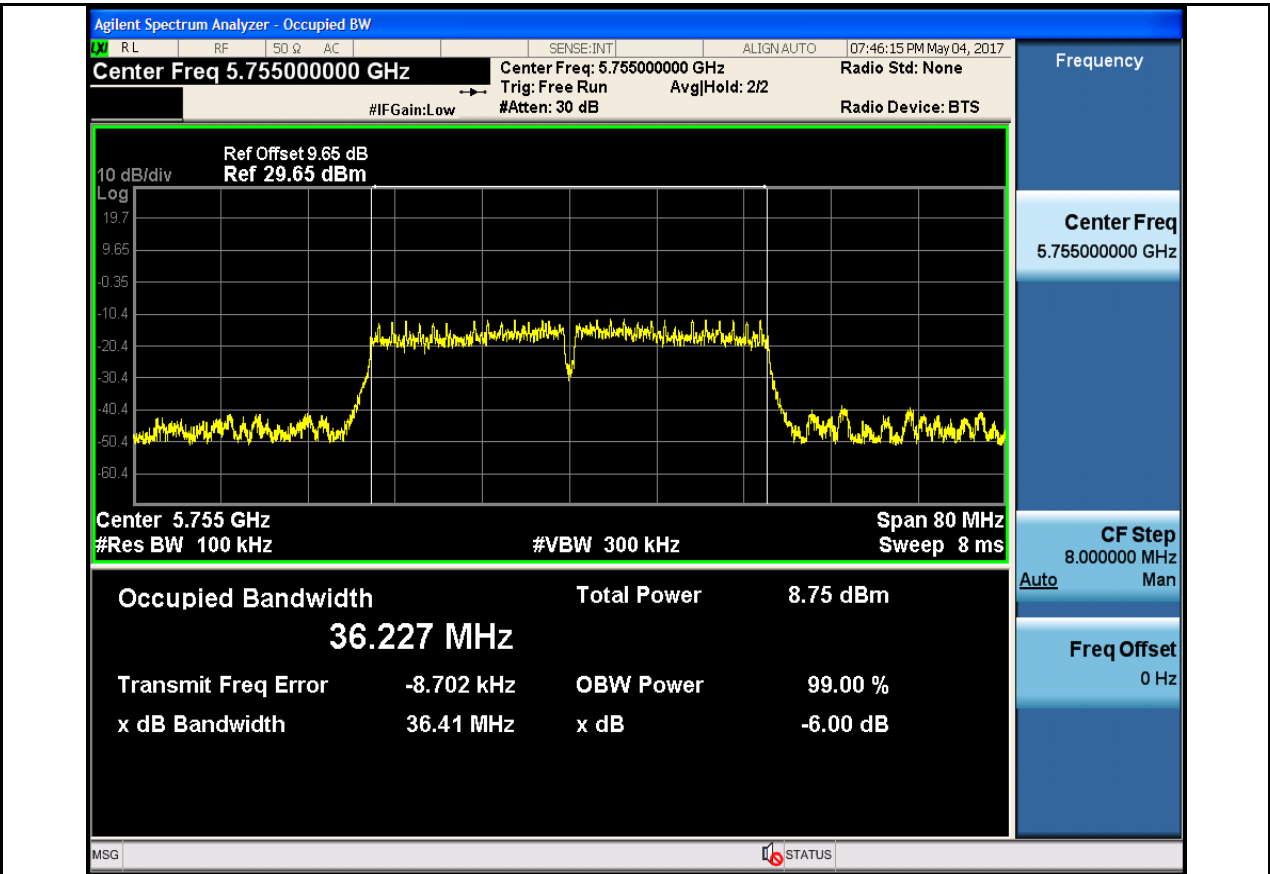
Emission Bandwidth Measurement_11AC40_5190_Ant1



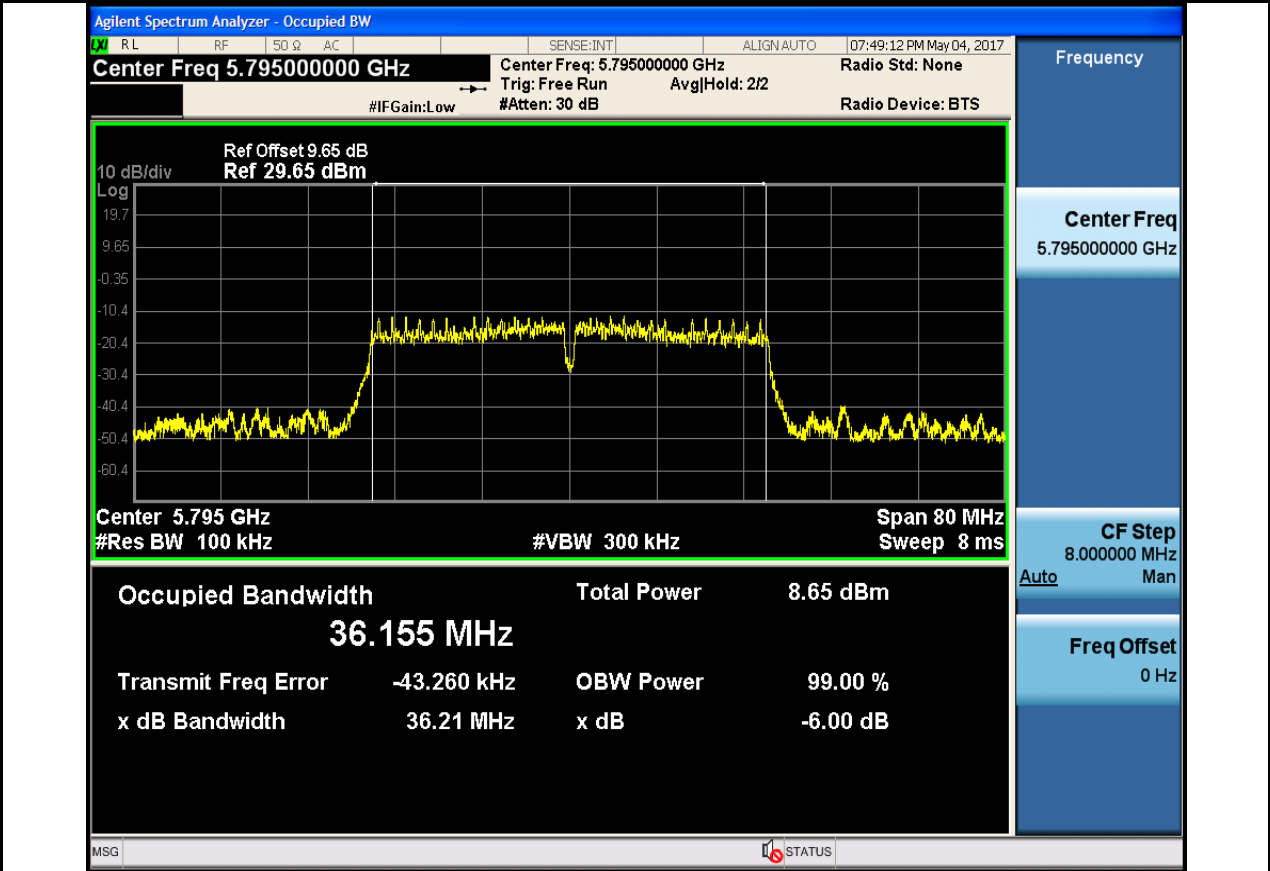
Emission Bandwidth Measurement_11AC40_5230_Ant1



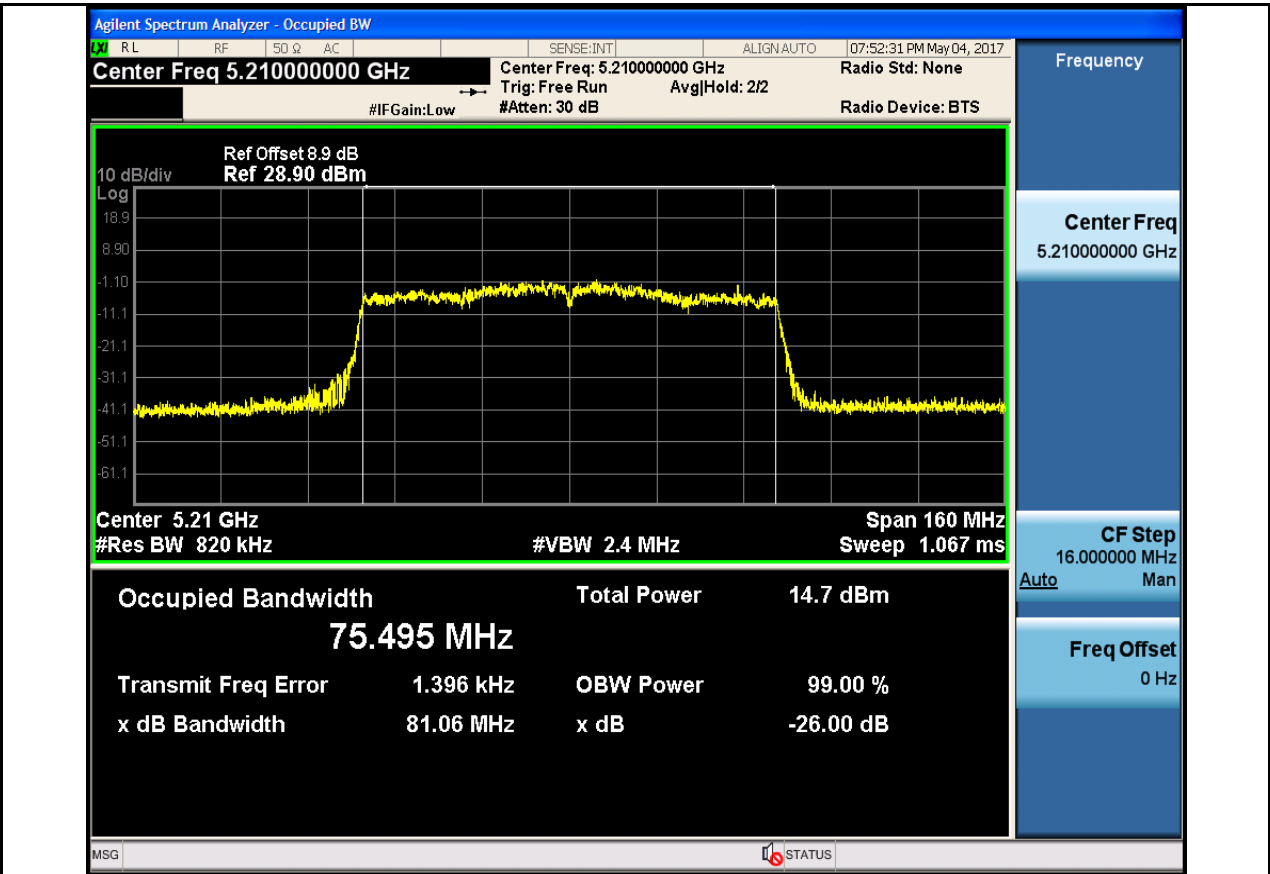
Emission Bandwidth Measurement_11AC40_5755_Ant1



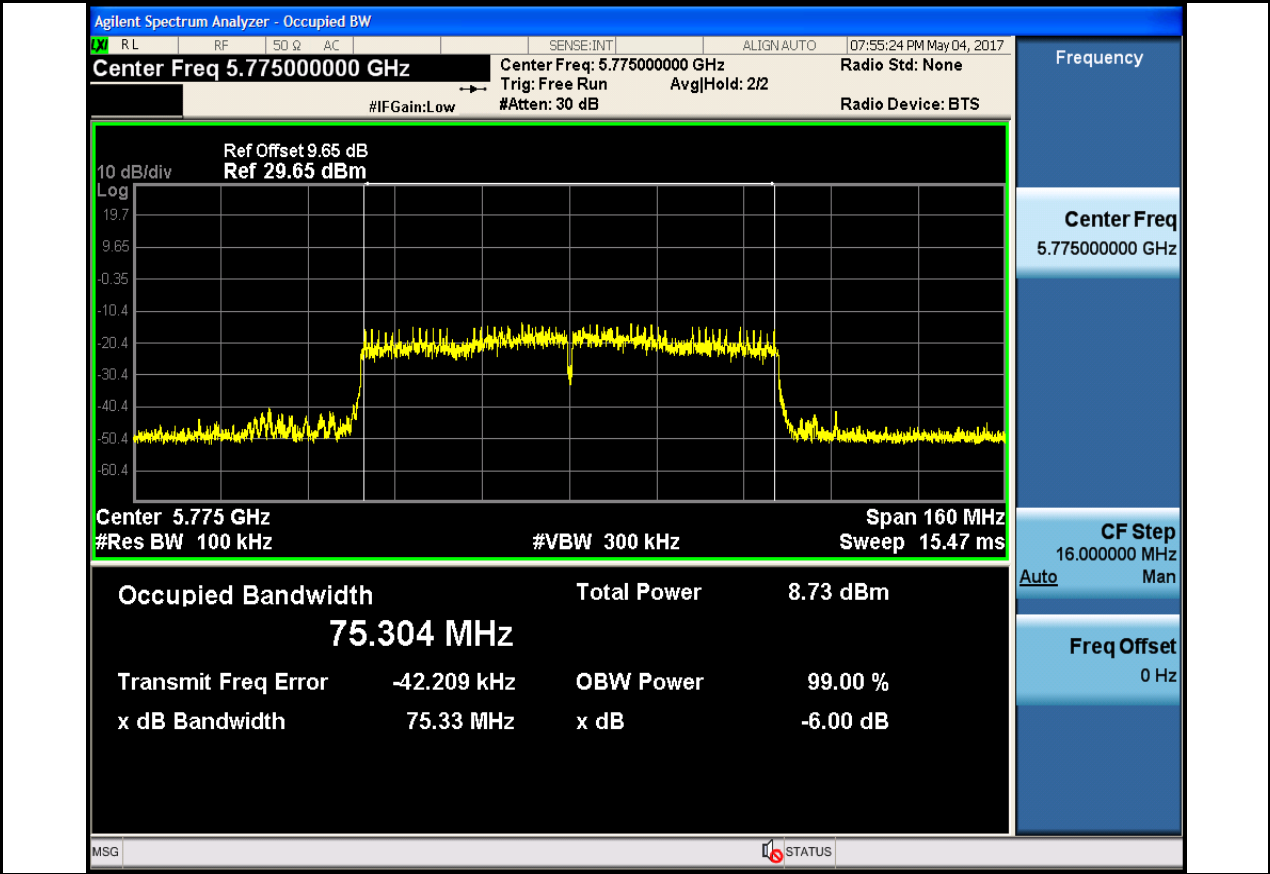
Emission Bandwidth Measurement_11AC40_5795_Ant1



Emission Bandwidth Measurement_11AC80_5210_Ant1

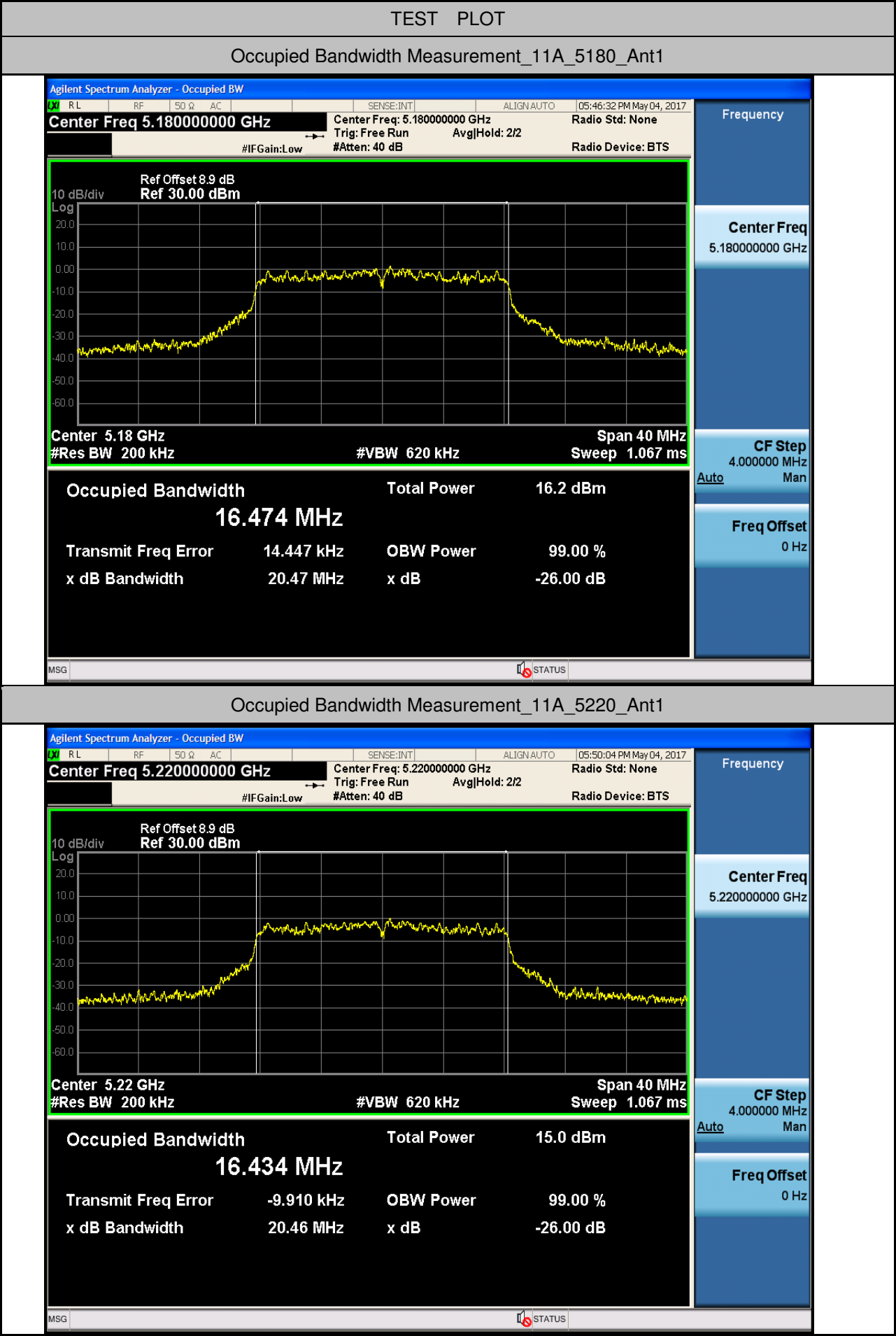


Emission Bandwidth Measurement_11AC80_5775_Ant1

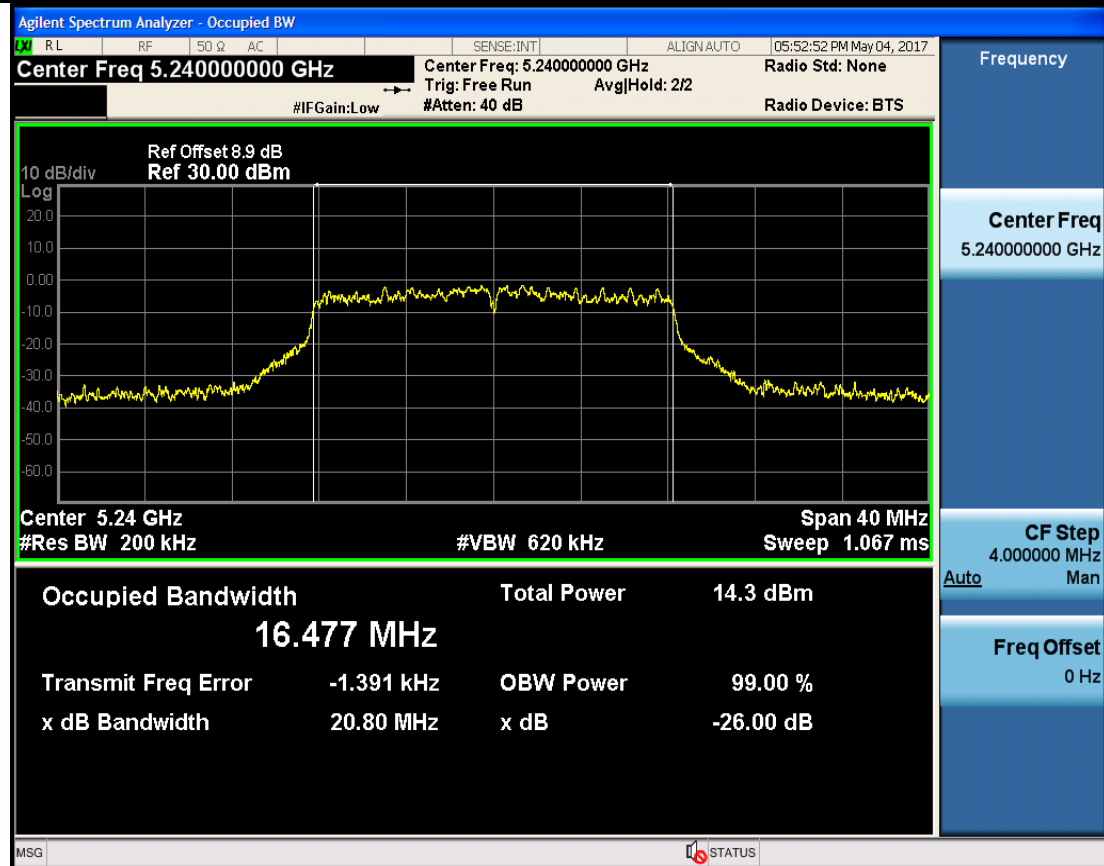


2. 99% Occupied bandwidth

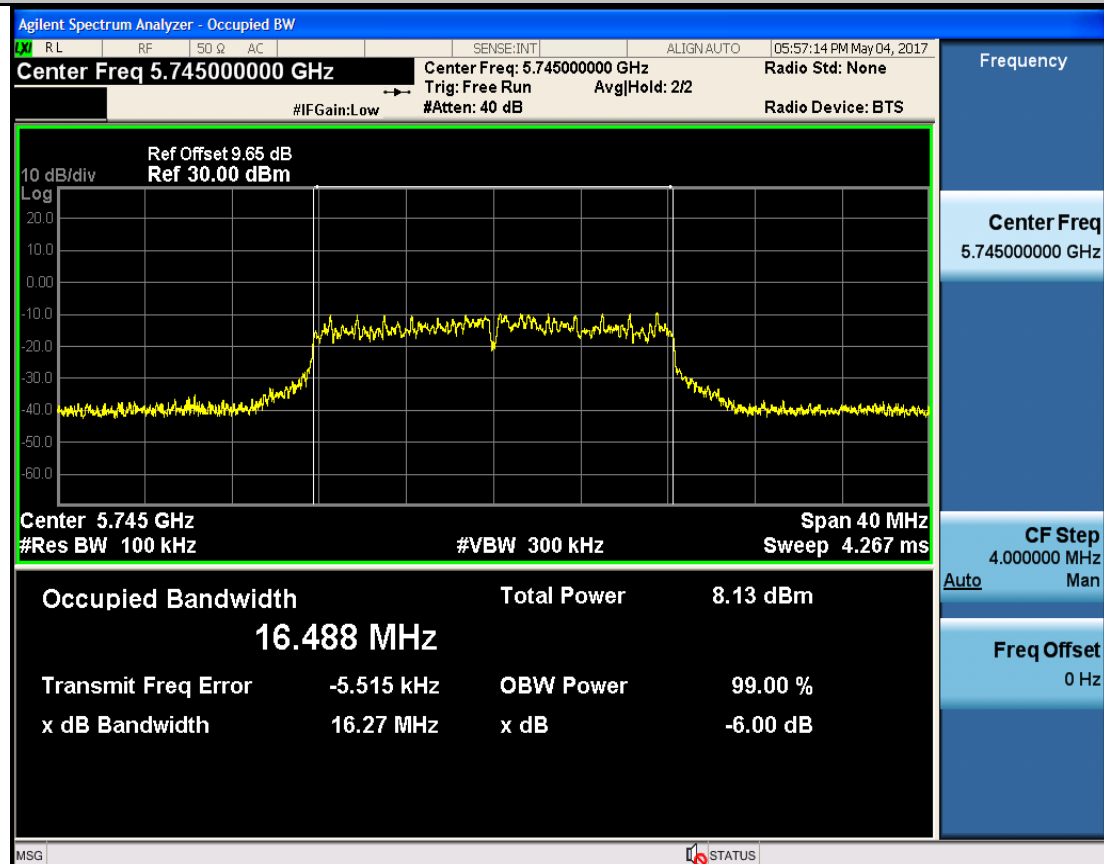
Test Mode	Test Channel	Ant	OBW[MHz]	Limit[MHz]	Verdict
11A	5180	Ant1	16.474	---	PASS
11A	5220	Ant1	16.434	---	PASS
11A	5240	Ant1	16.477	---	PASS
11A	5745	Ant1	16.488	---	PASS
11A	5785	Ant1	16.456	---	PASS
11A	5825	Ant1	16.496	---	PASS
11N20	5180	Ant1	17.677	---	PASS
11N20	5220	Ant1	17.714	---	PASS
11N20	5240	Ant1	17.727	---	PASS
11N20	5745	Ant1	17.717	---	PASS
11N20	5785	Ant1	17.717	---	PASS
11N20	5825	Ant1	17.716	---	PASS
11N40	5190	Ant1	36.158	---	PASS
11N40	5230	Ant1	36.192	---	PASS
11N40	5755	Ant1	36.126	---	PASS
11N40	5795	Ant1	36.081	---	PASS
11AC20	5180	Ant1	17.701	---	PASS
11AC20	5220	Ant1	17.709	---	PASS
11AC20	5240	Ant1	17.712	---	PASS
11AC20	5745	Ant1	17.610	---	PASS
11AC20	5785	Ant1	17.633	---	PASS
11AC20	5825	Ant1	17.635	---	PASS
11AC40	5190	Ant1	36.239	---	PASS
11AC40	5230	Ant1	36.355	---	PASS
11AC40	5755	Ant1	36.197	---	PASS
11AC40	5795	Ant1	36.129	---	PASS
11AC80	5210	Ant1	75.480	---	PASS
11AC80	5775	Ant1	75.322	---	PASS



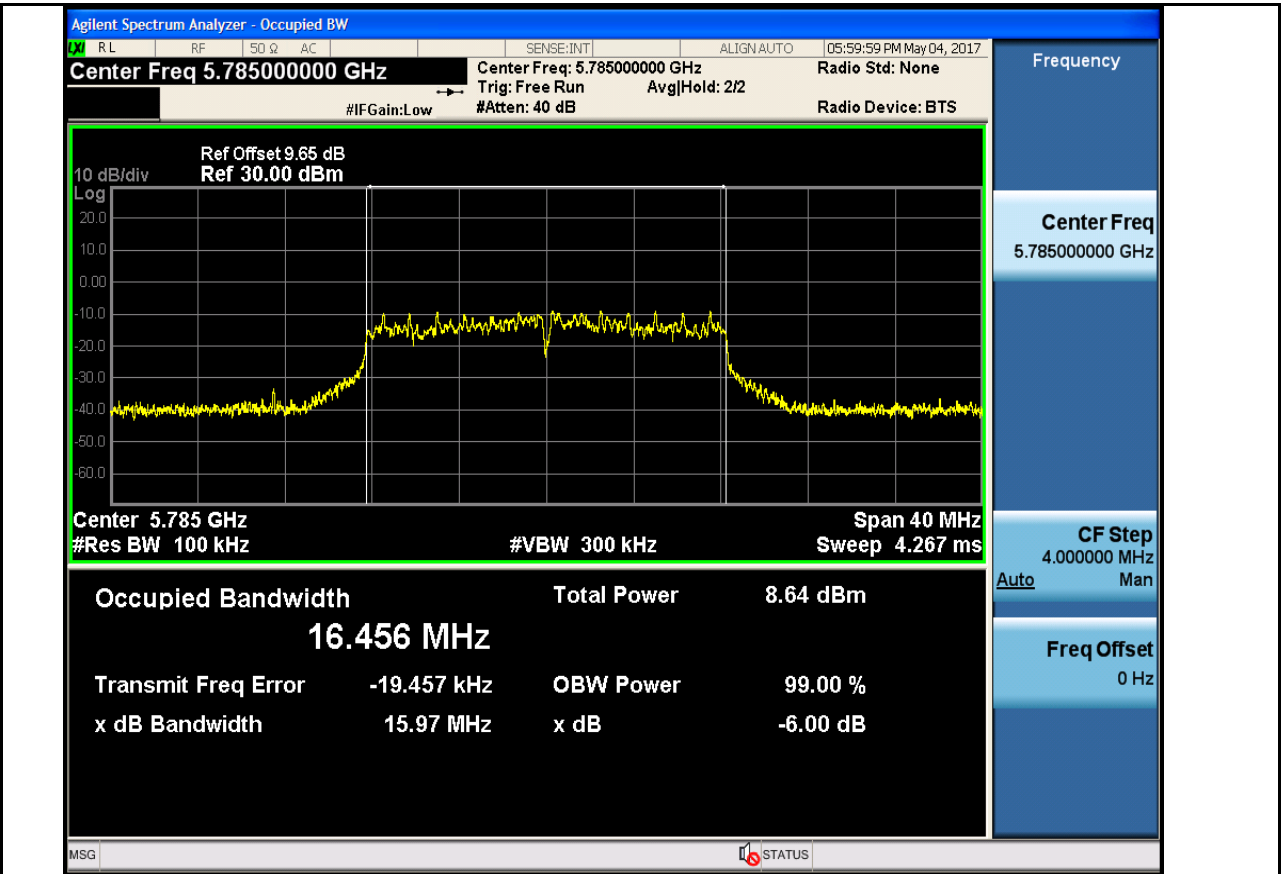
Occupied Bandwidth Measurement_11A_5240_Ant1



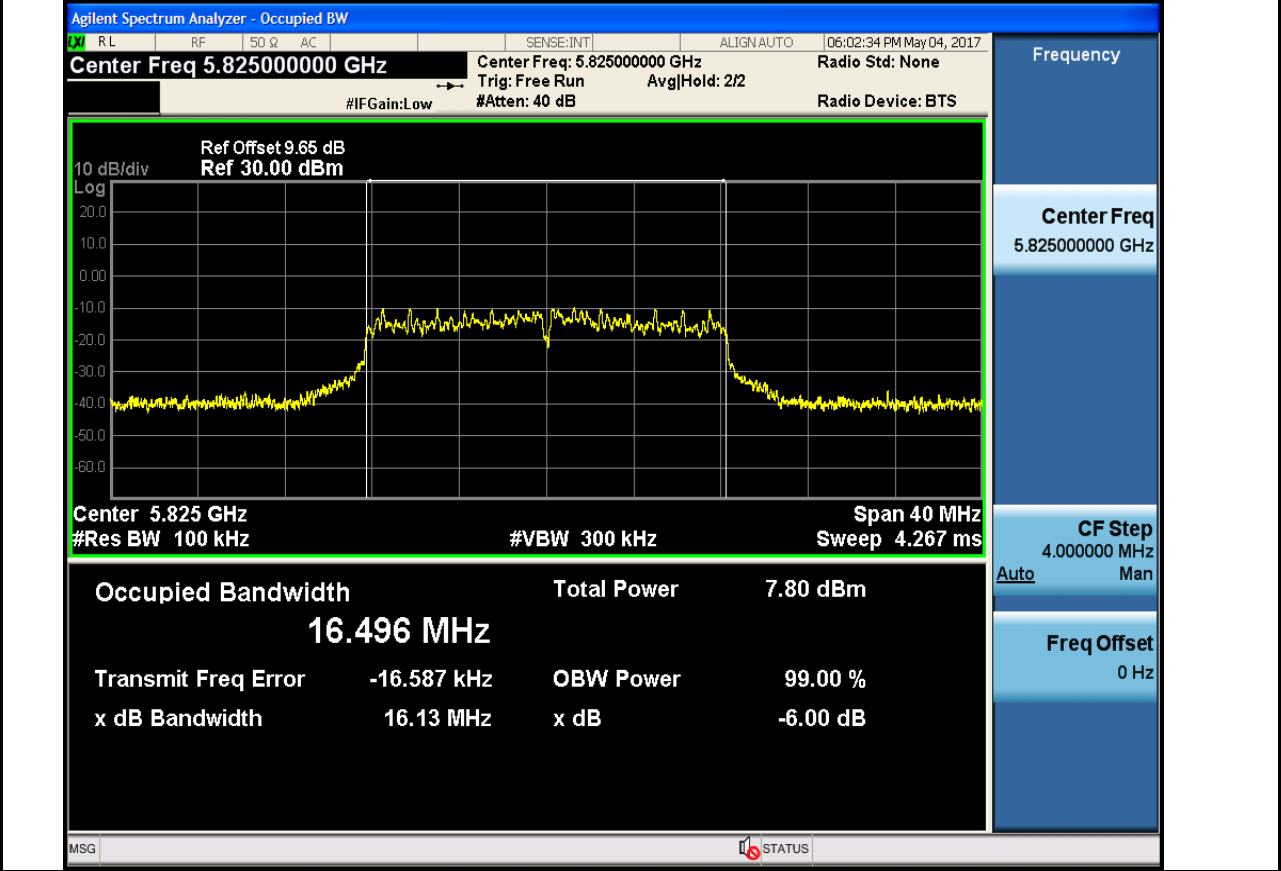
Occupied Bandwidth Measurement_11A_5745_Ant1



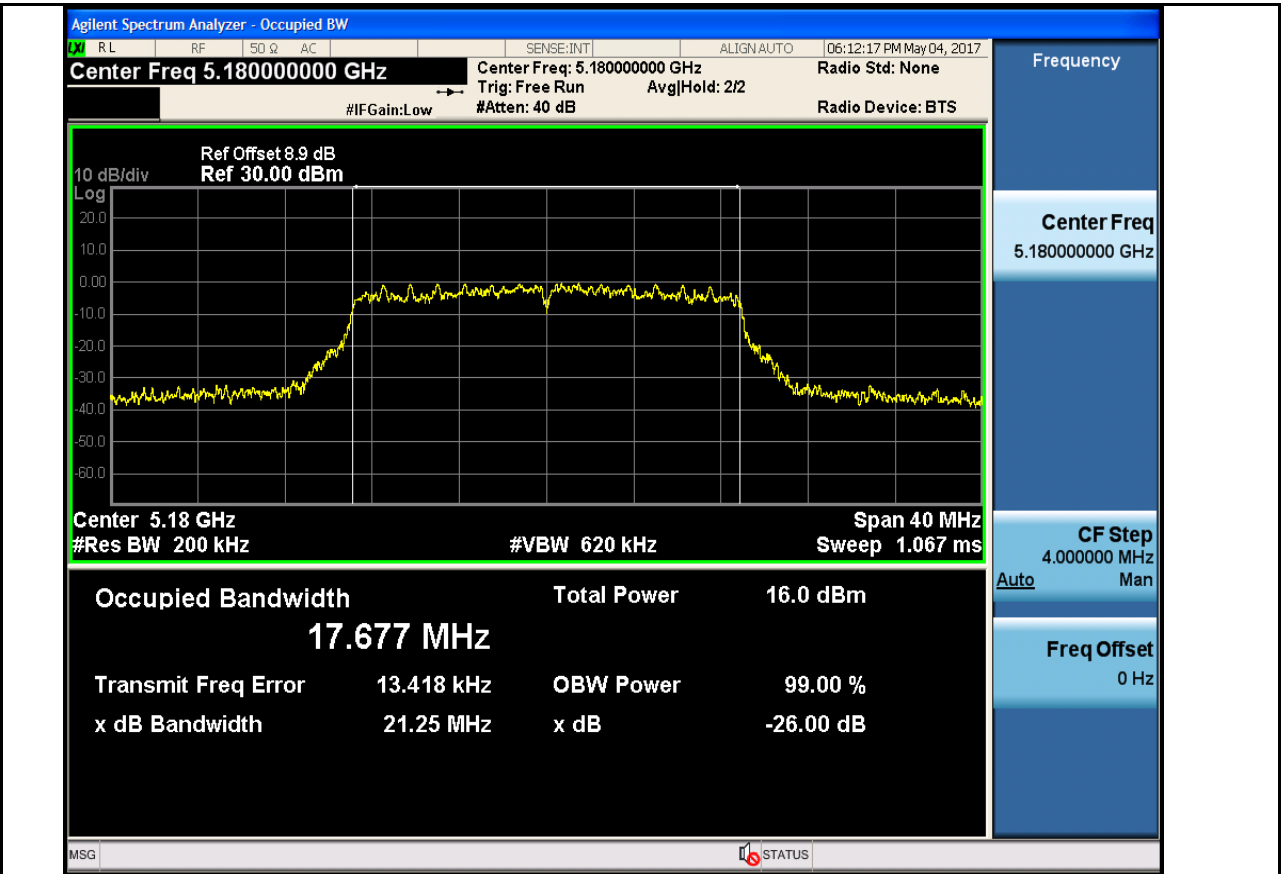
Occupied Bandwidth Measurement_11A_5785_Ant1



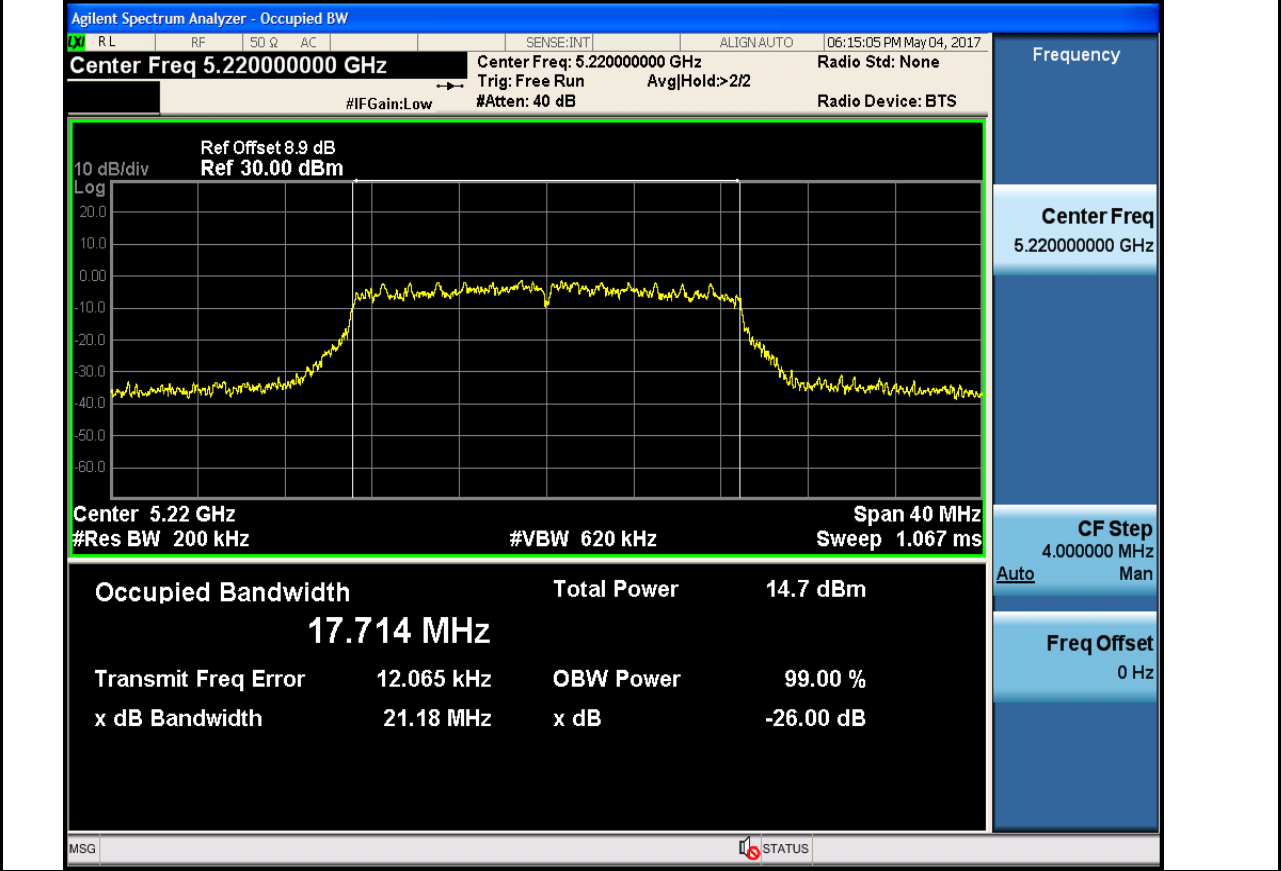
Occupied Bandwidth Measurement_11A_5825_Ant1



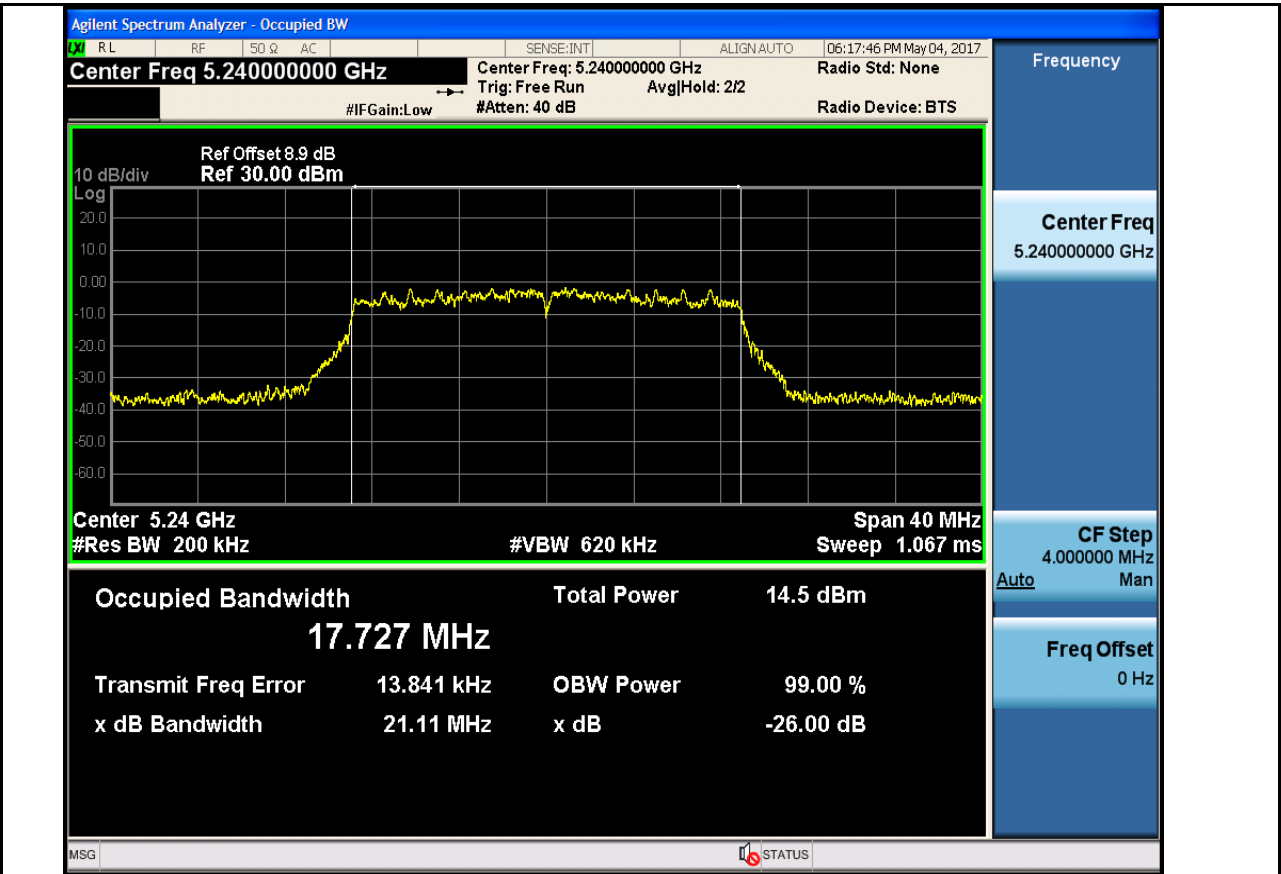
Occupied Bandwidth Measurement_11N20_5180_Ant1



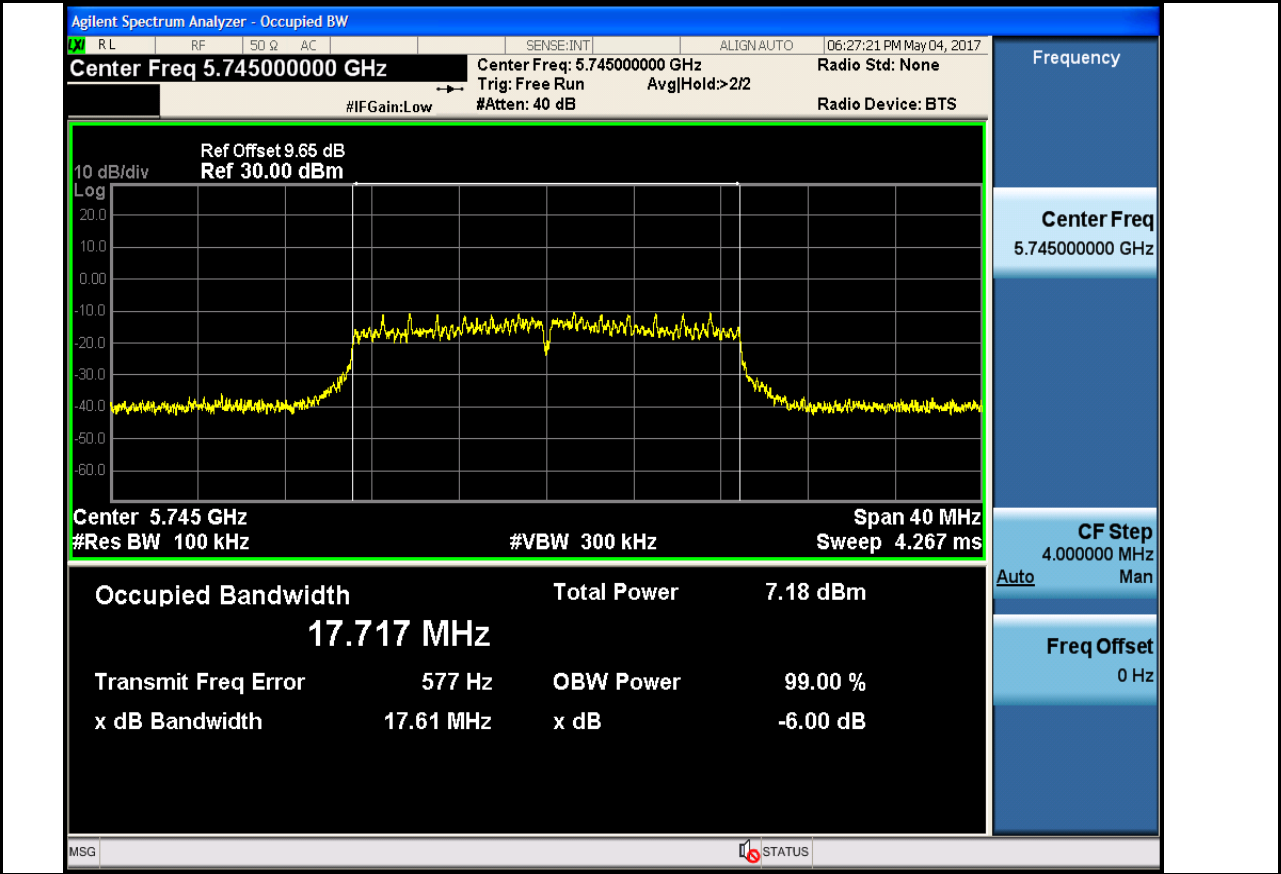
Occupied Bandwidth Measurement_11N20_5220_Ant1



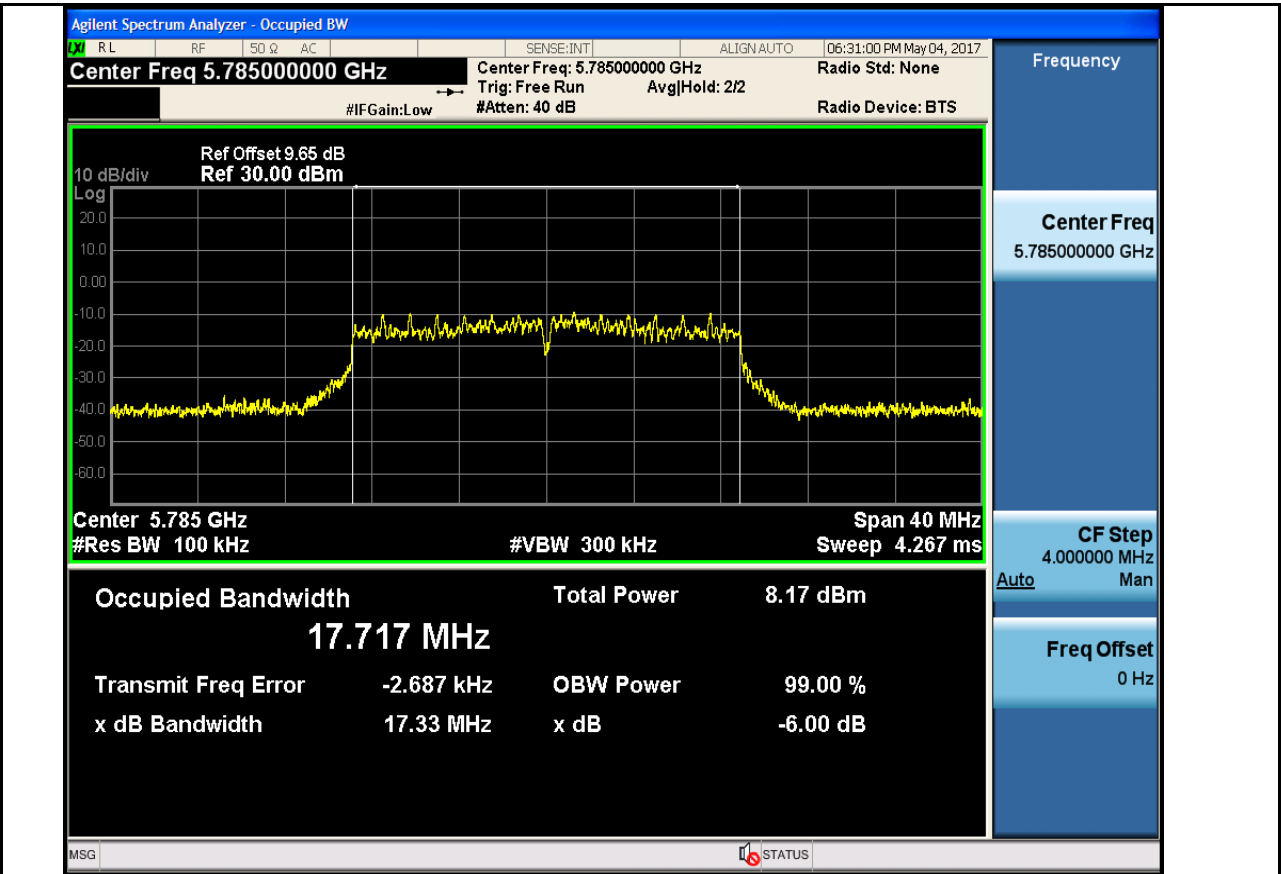
Occupied Bandwidth Measurement_11N20_5240_Ant1



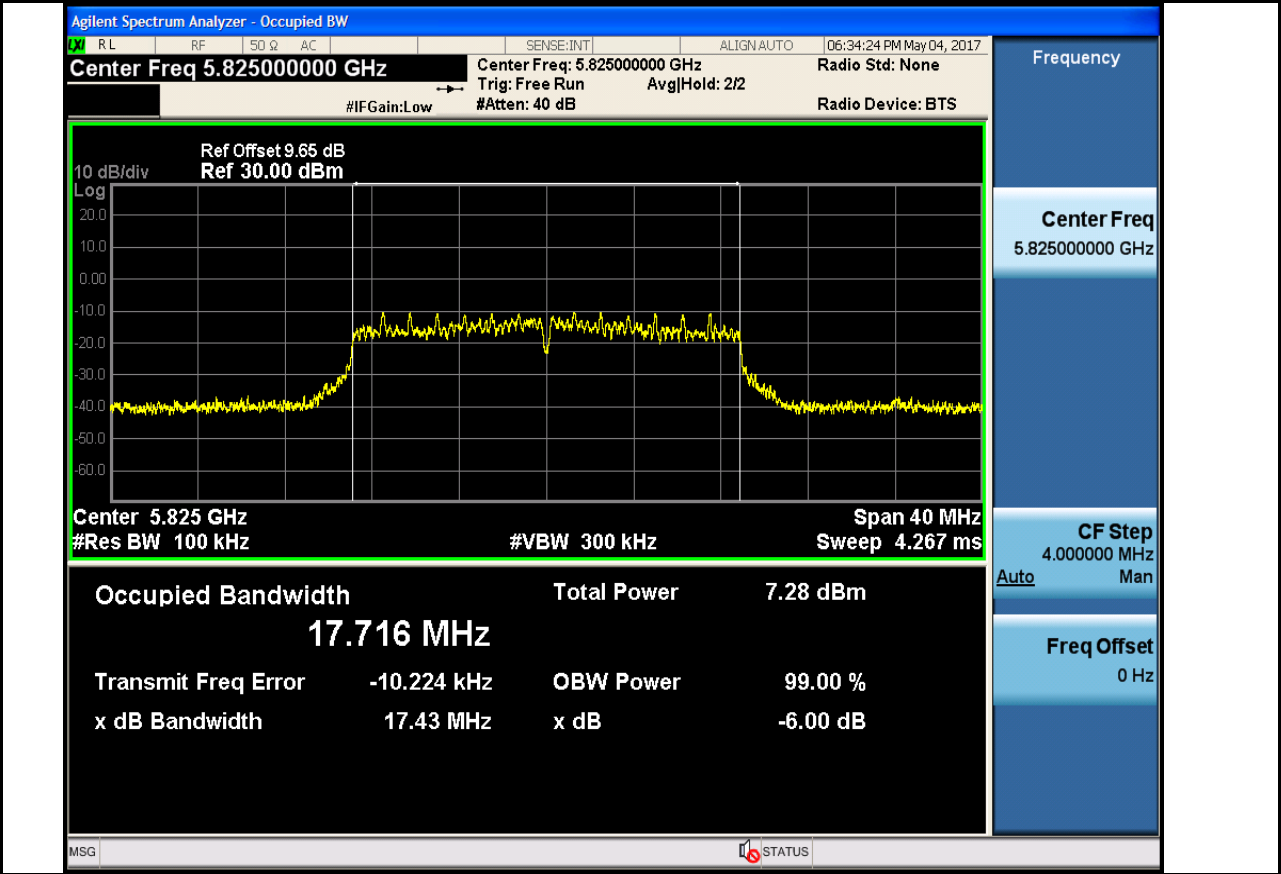
Occupied Bandwidth Measurement_11N20_5745_Ant1



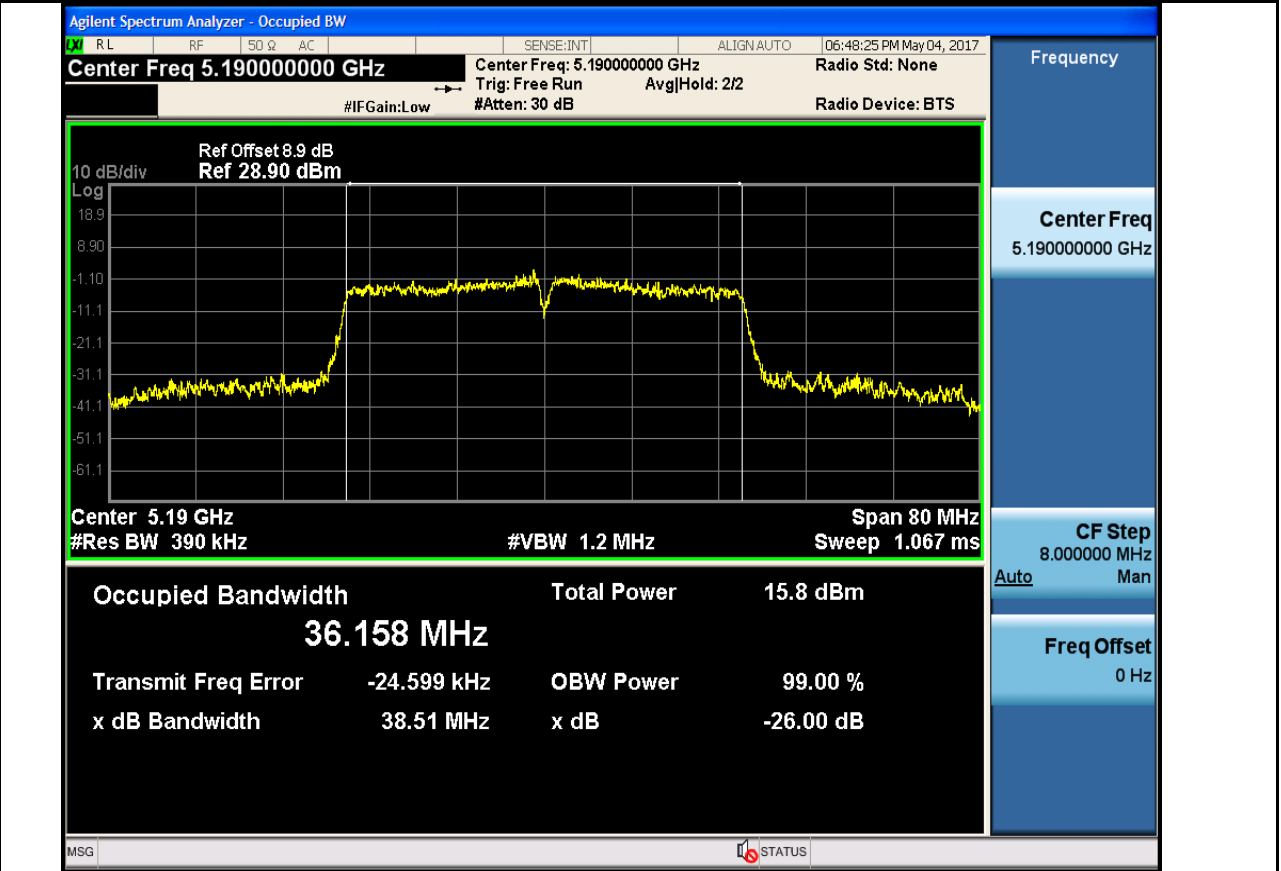
Occupied Bandwidth Measurement_11N20_5785_Ant1



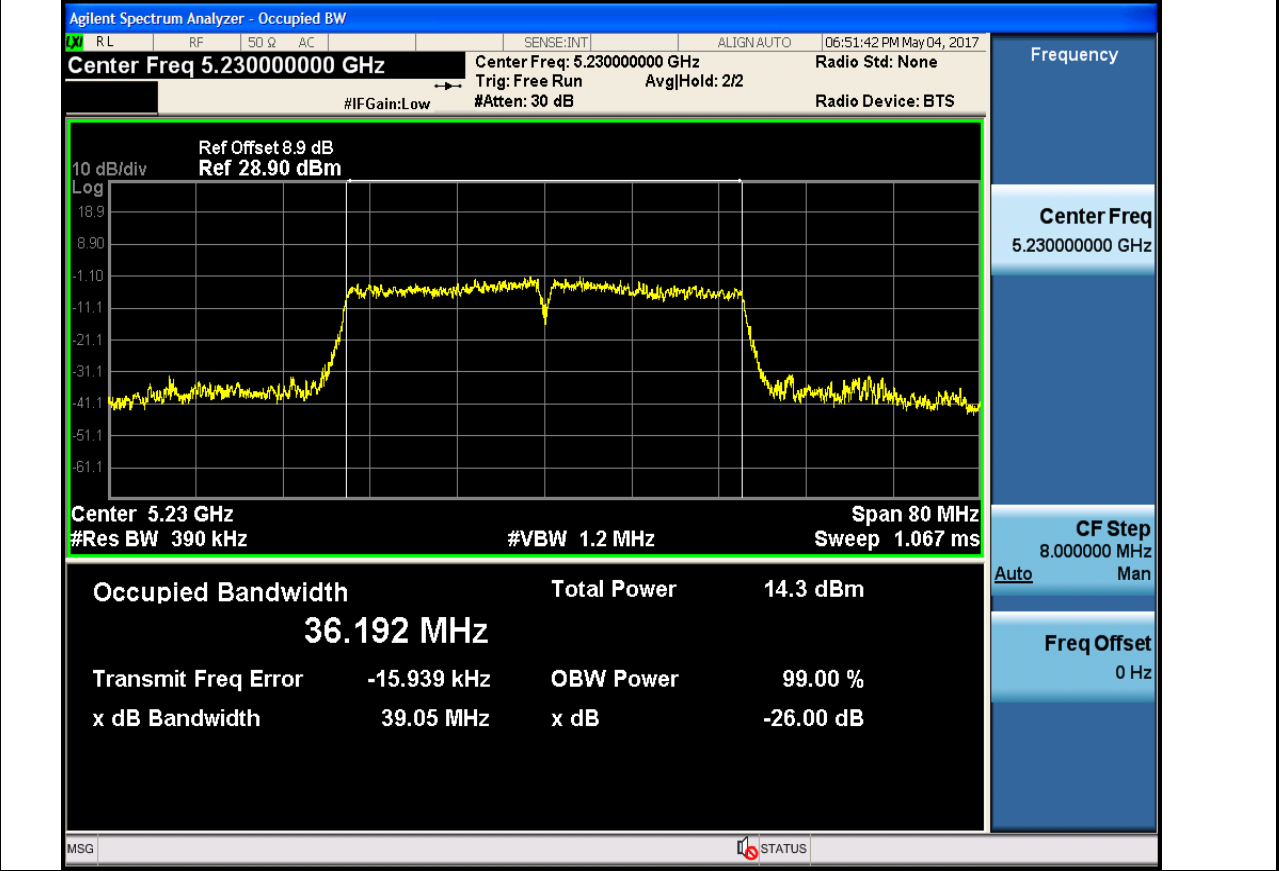
Occupied Bandwidth Measurement_11N20_5825_Ant1



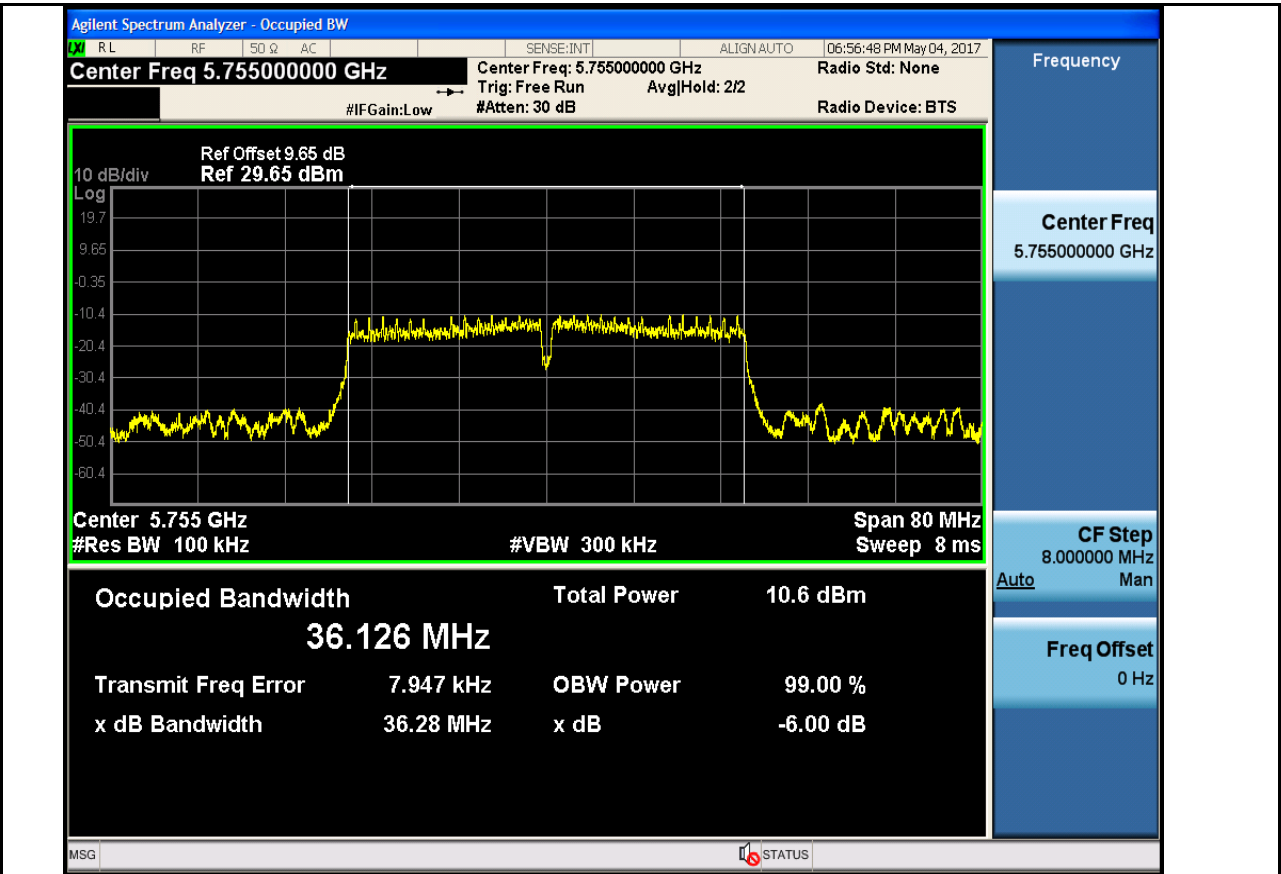
Occupied Bandwidth Measurement_11N40_5190_Ant1



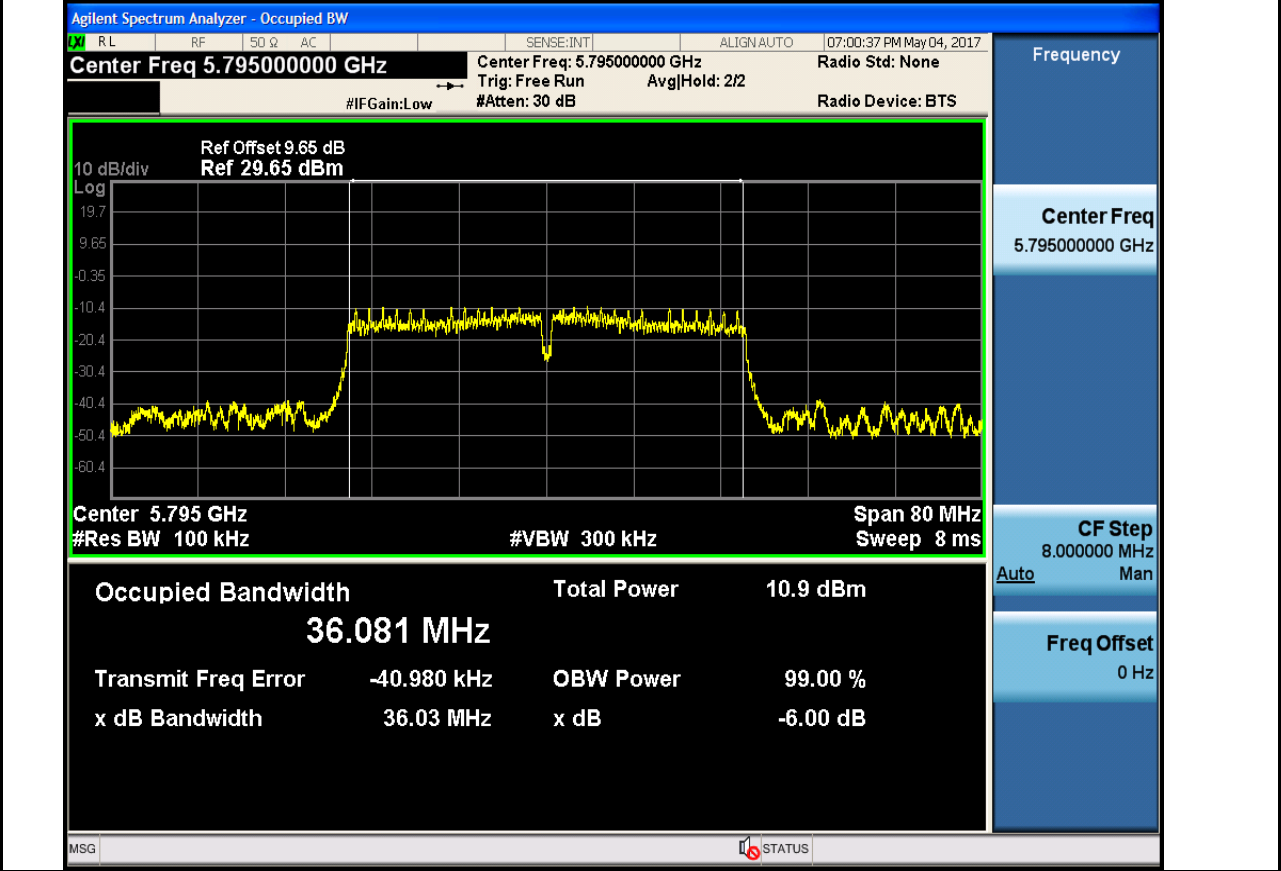
Occupied Bandwidth Measurement_11N40_5230_Ant1



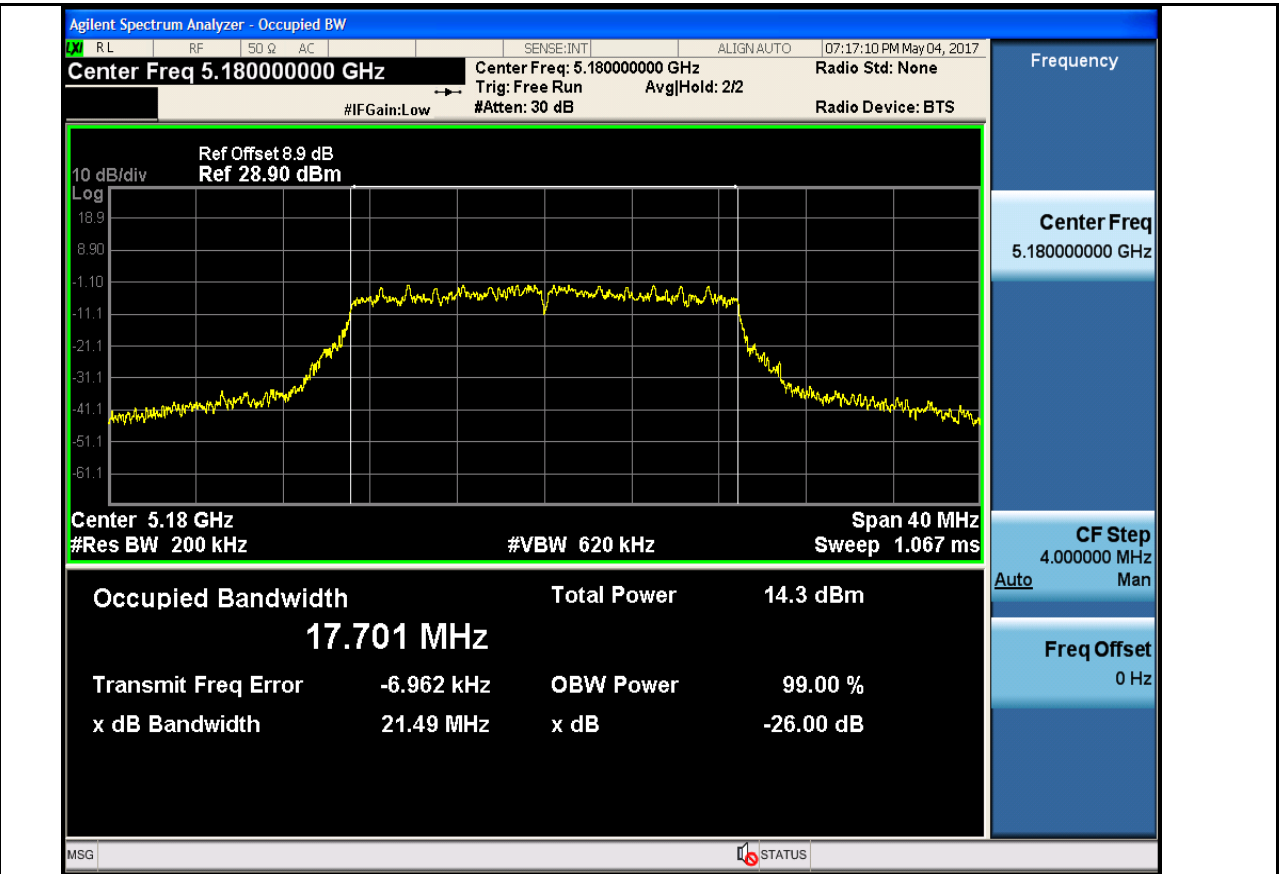
Occupied Bandwidth Measurement_11N40_5755_Ant1



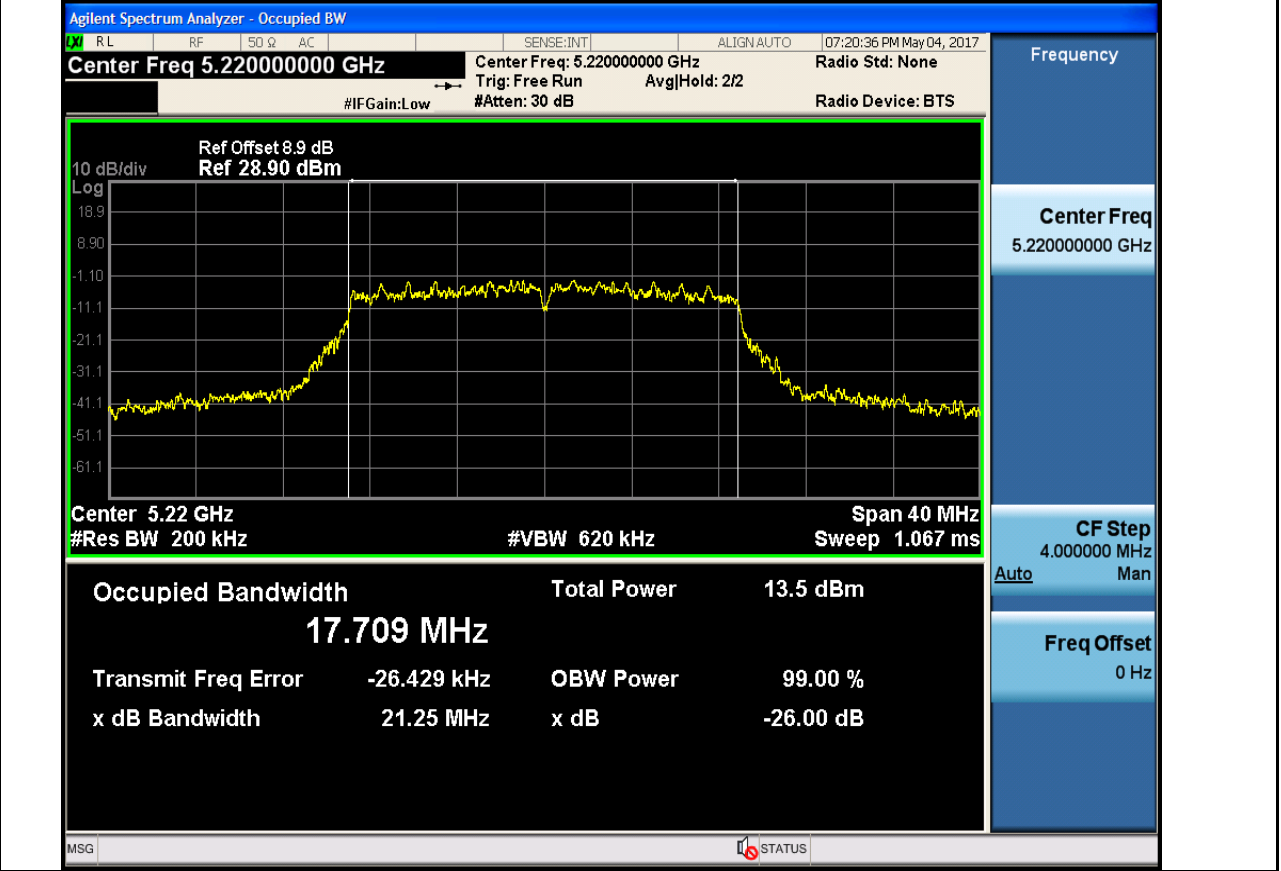
Occupied Bandwidth Measurement_11N40_5795_Ant1



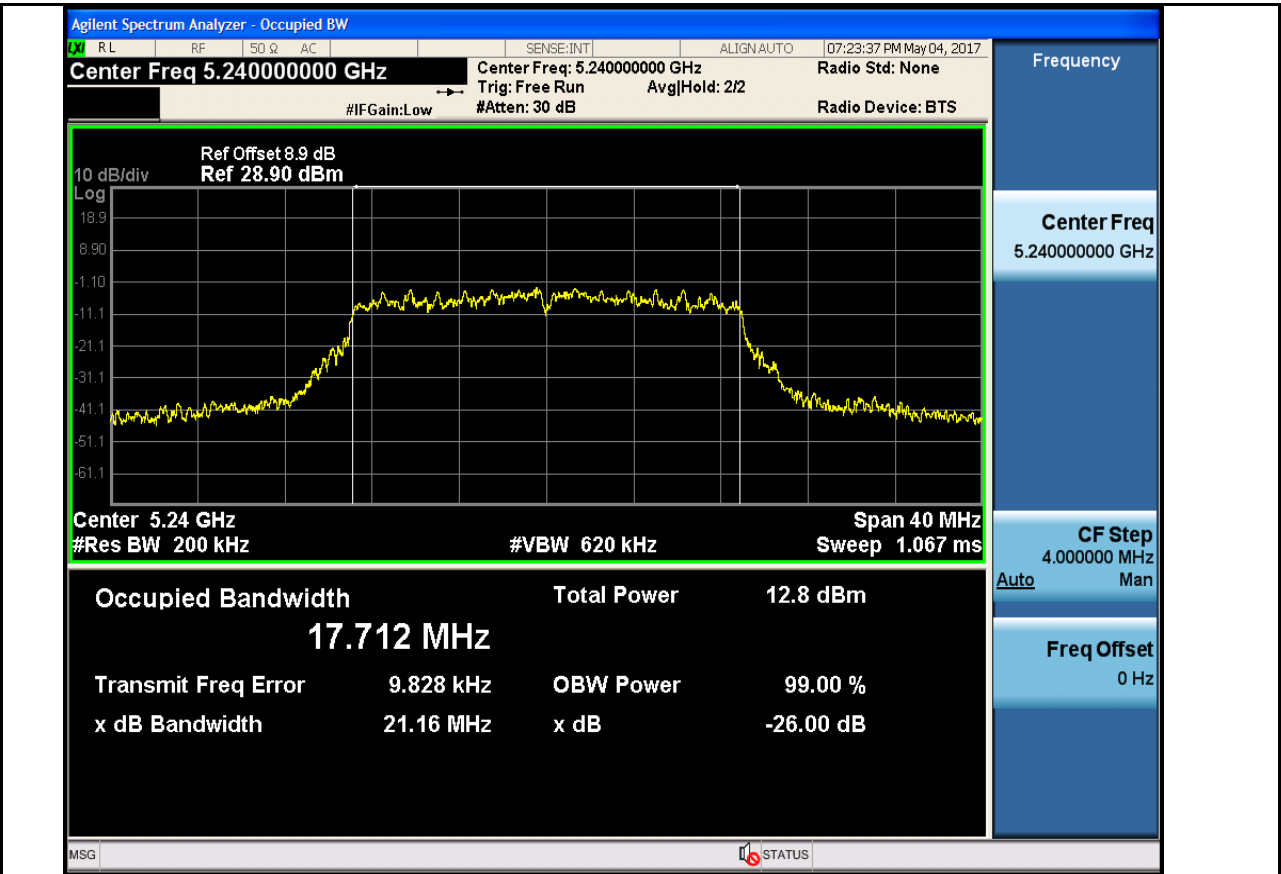
Occupied Bandwidth Measurement_11AC20_5180_Ant1



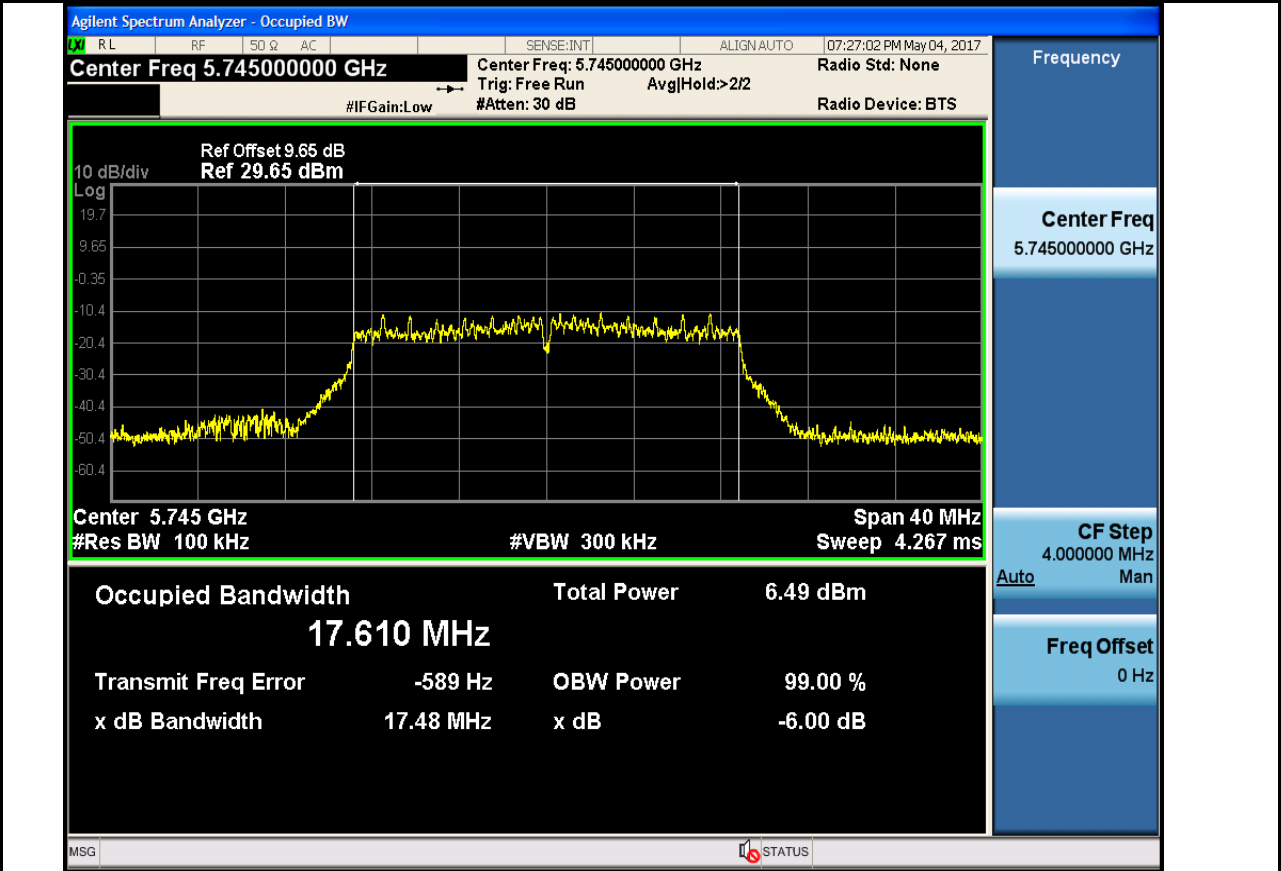
Occupied Bandwidth Measurement_11AC20_5220_Ant1



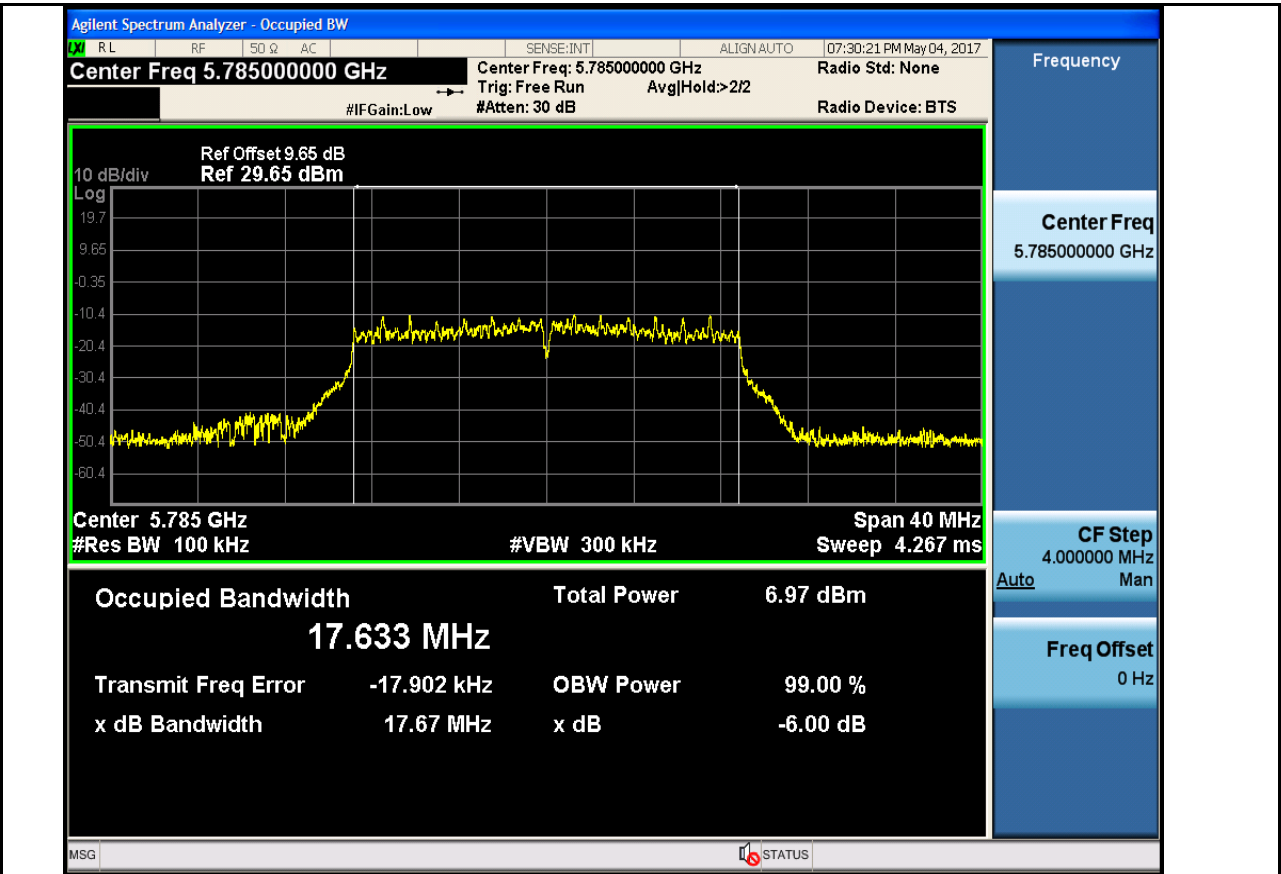
Occupied Bandwidth Measurement_11AC20_5240_Ant1



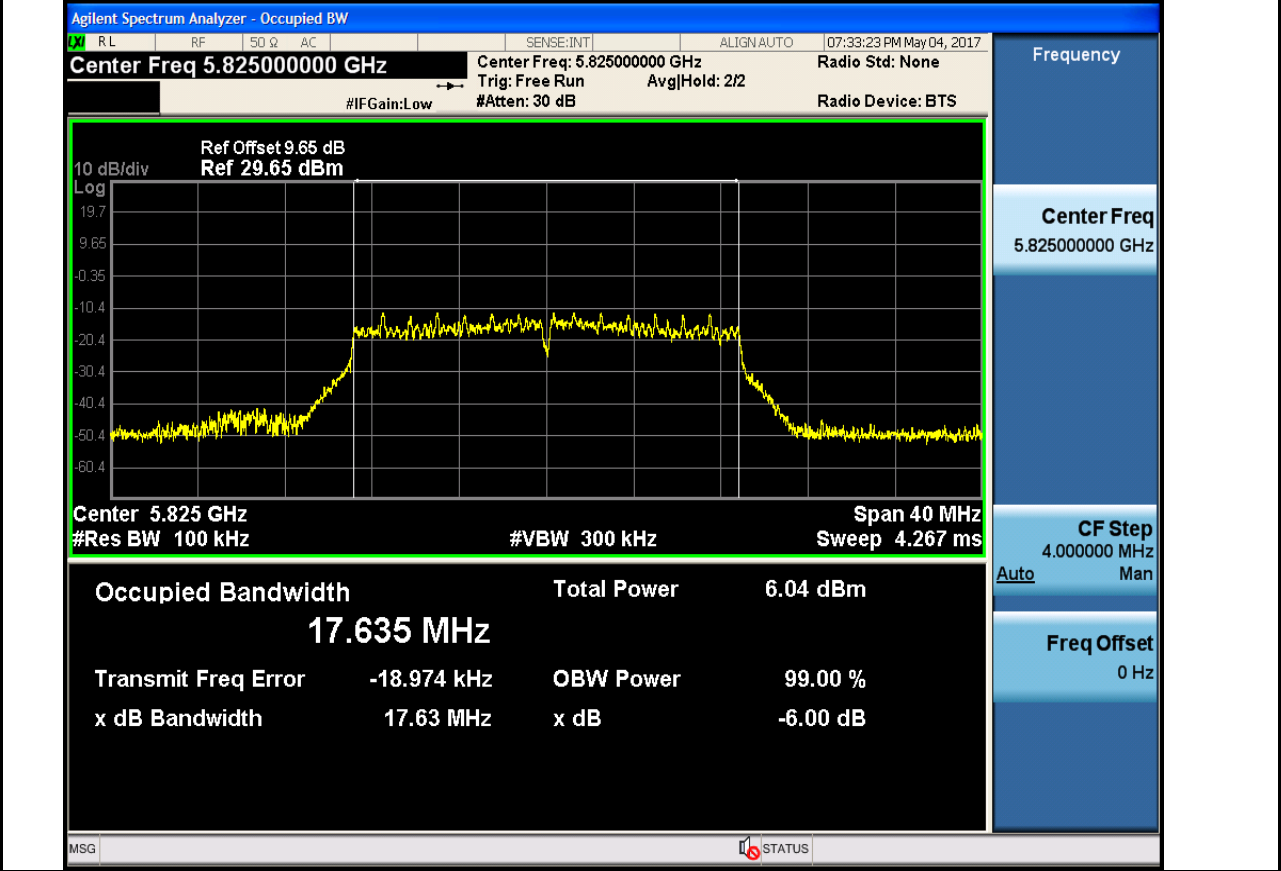
Occupied Bandwidth Measurement_11AC20_5745_Ant1



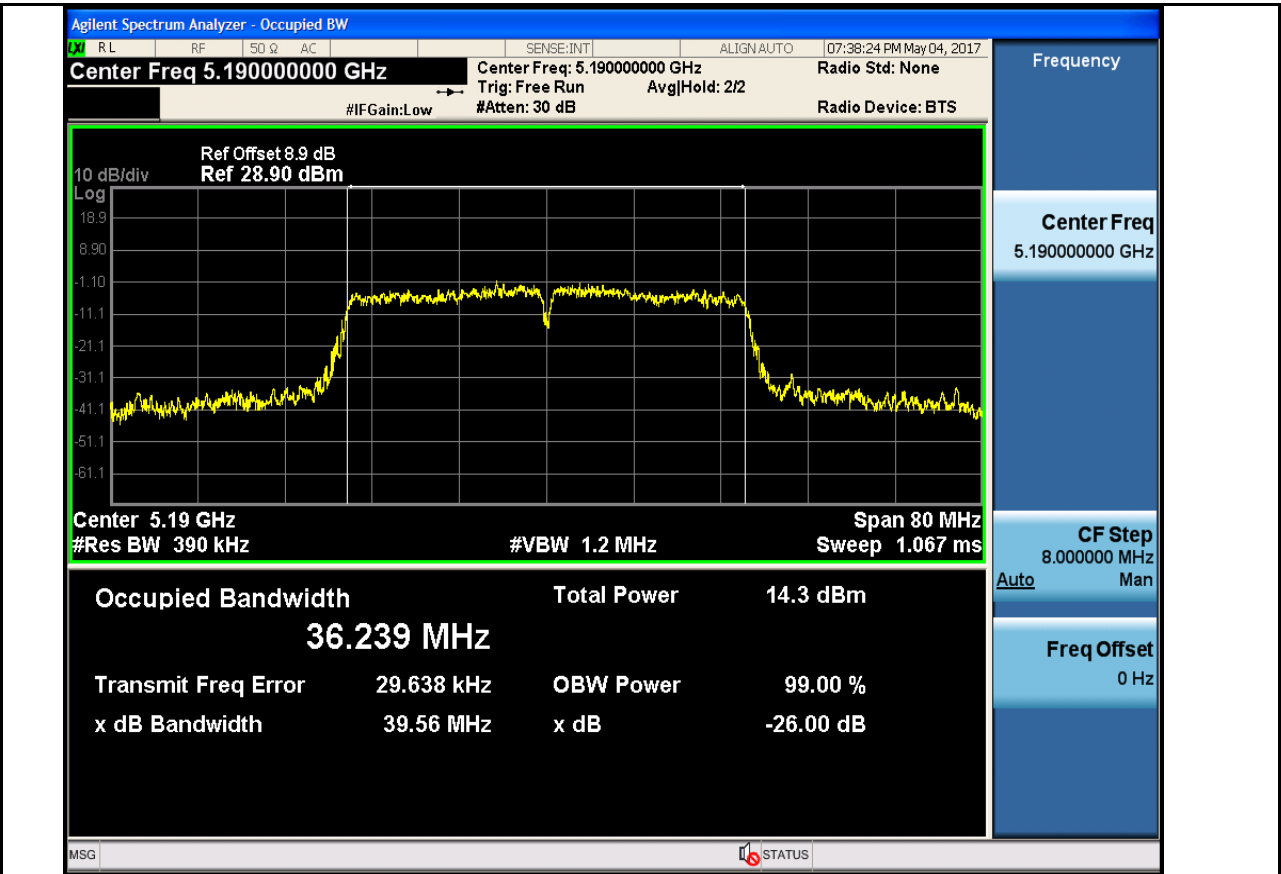
Occupied Bandwidth Measurement_11AC20_5785_Ant1



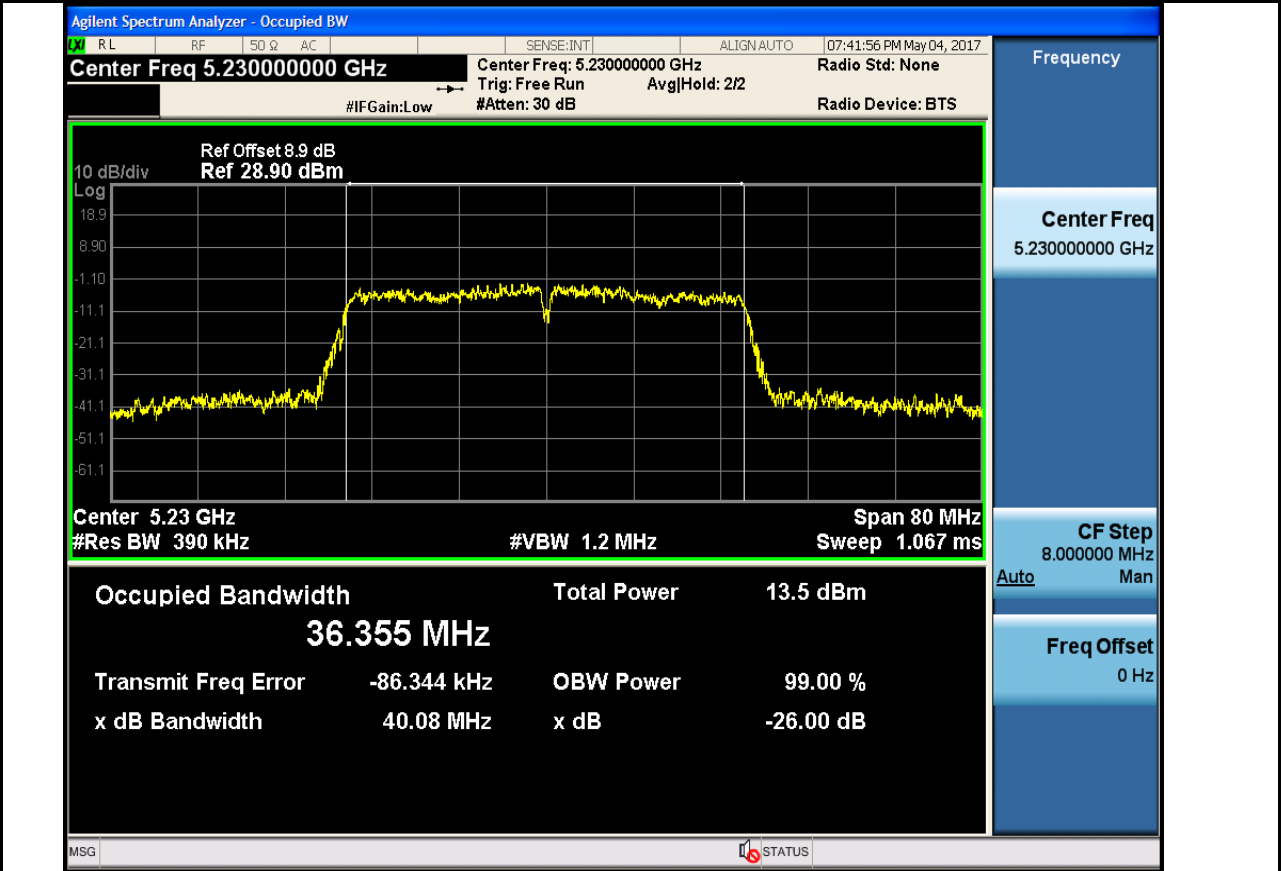
Occupied Bandwidth Measurement_11AC20_5825_Ant1



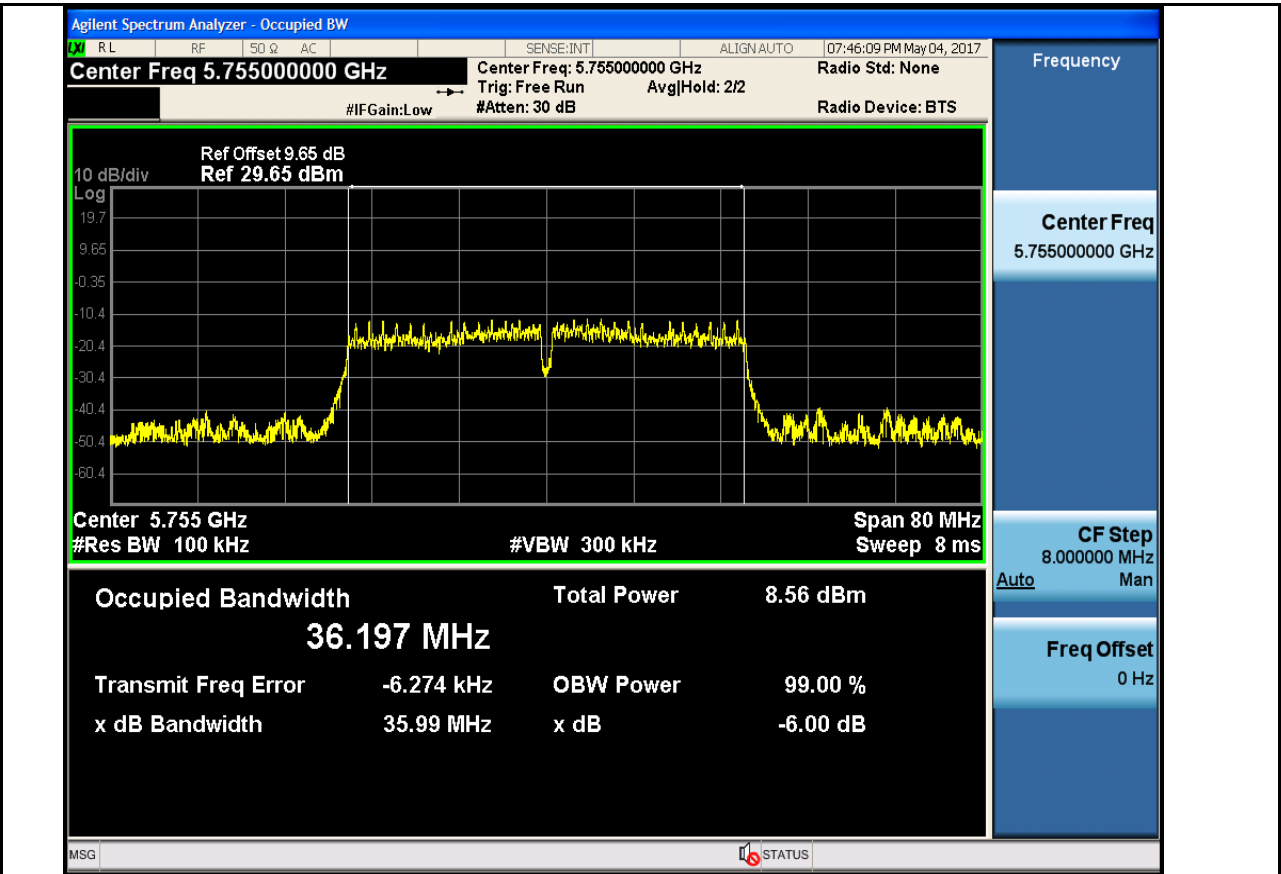
Occupied Bandwidth Measurement_11AC40_5190_Ant1



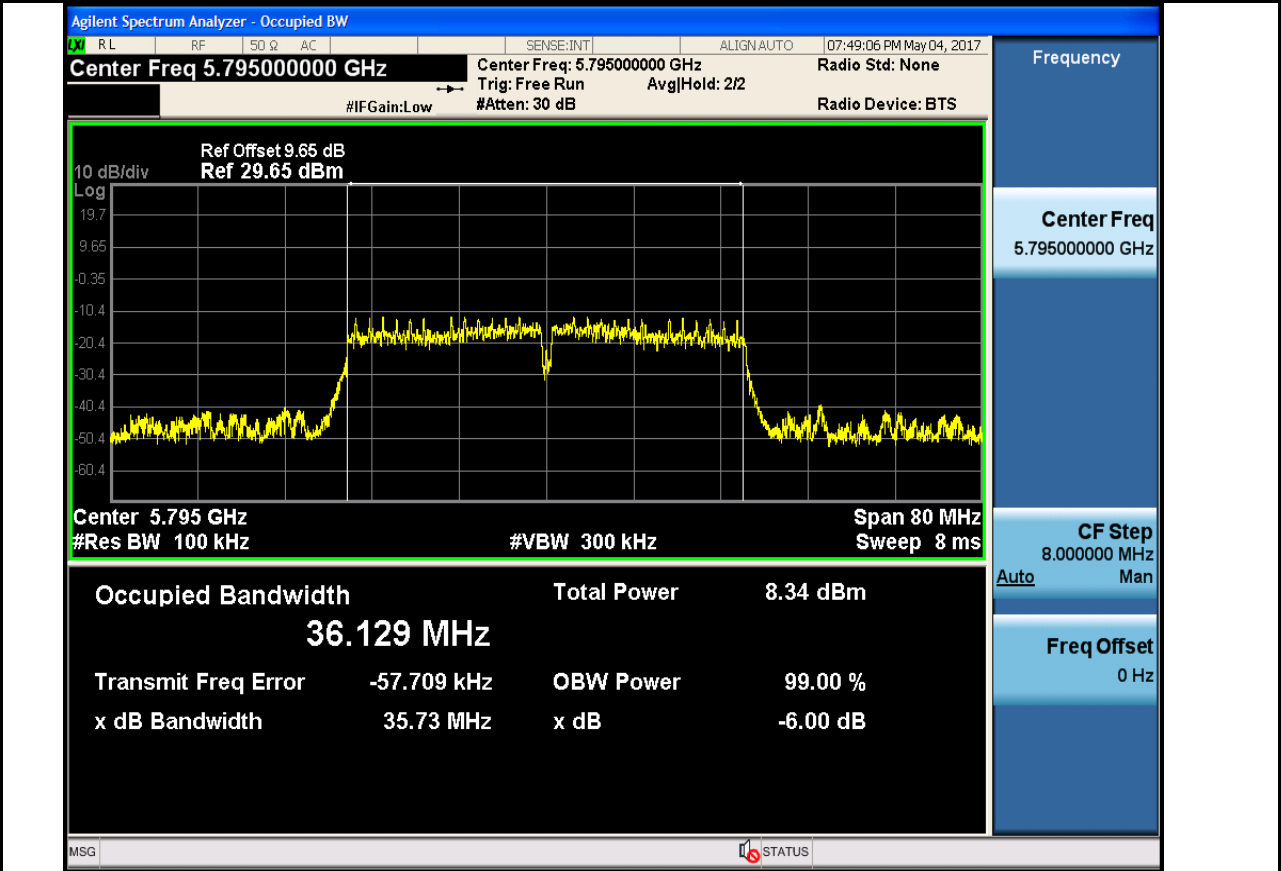
Occupied Bandwidth Measurement_11AC40_5230_Ant1



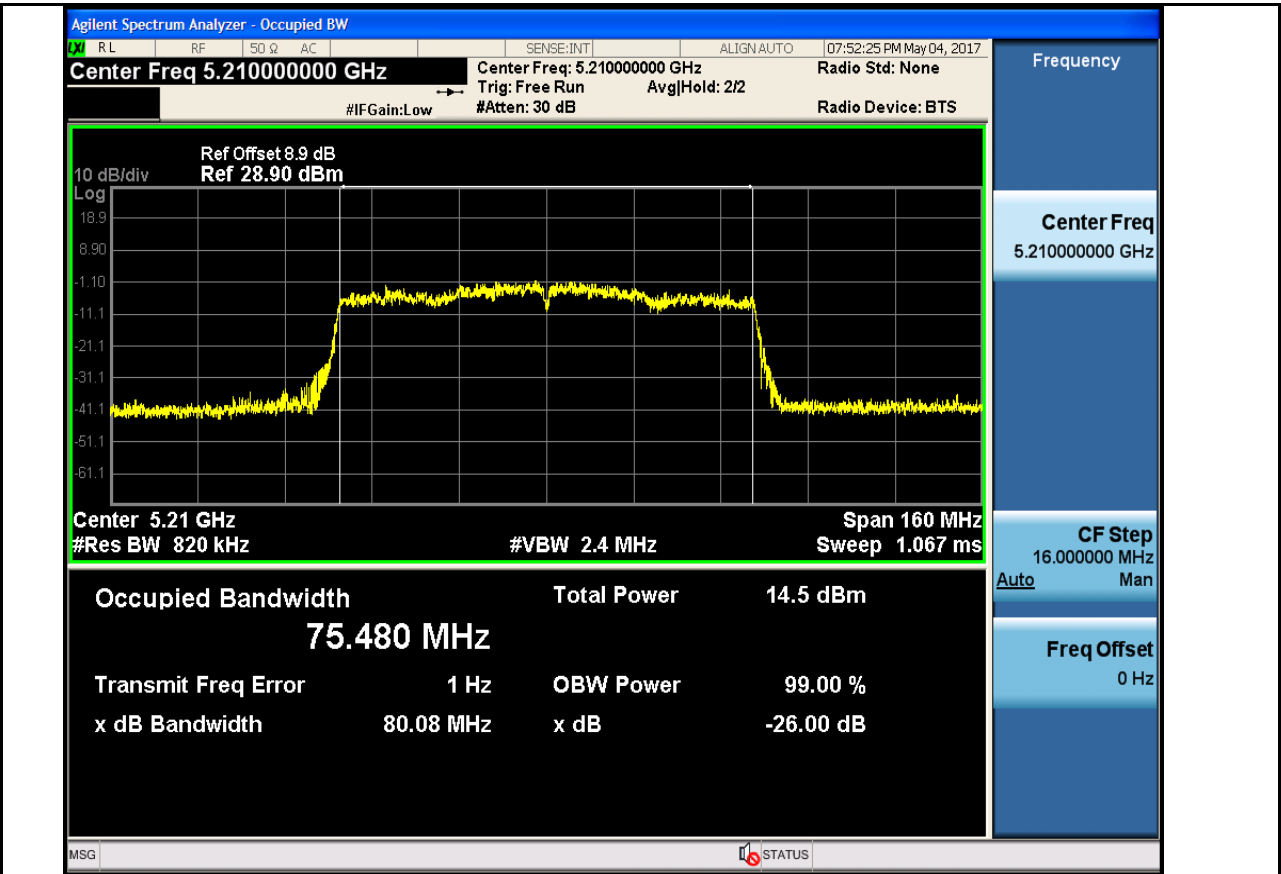
Occupied Bandwidth Measurement_11AC40_5755_Ant1



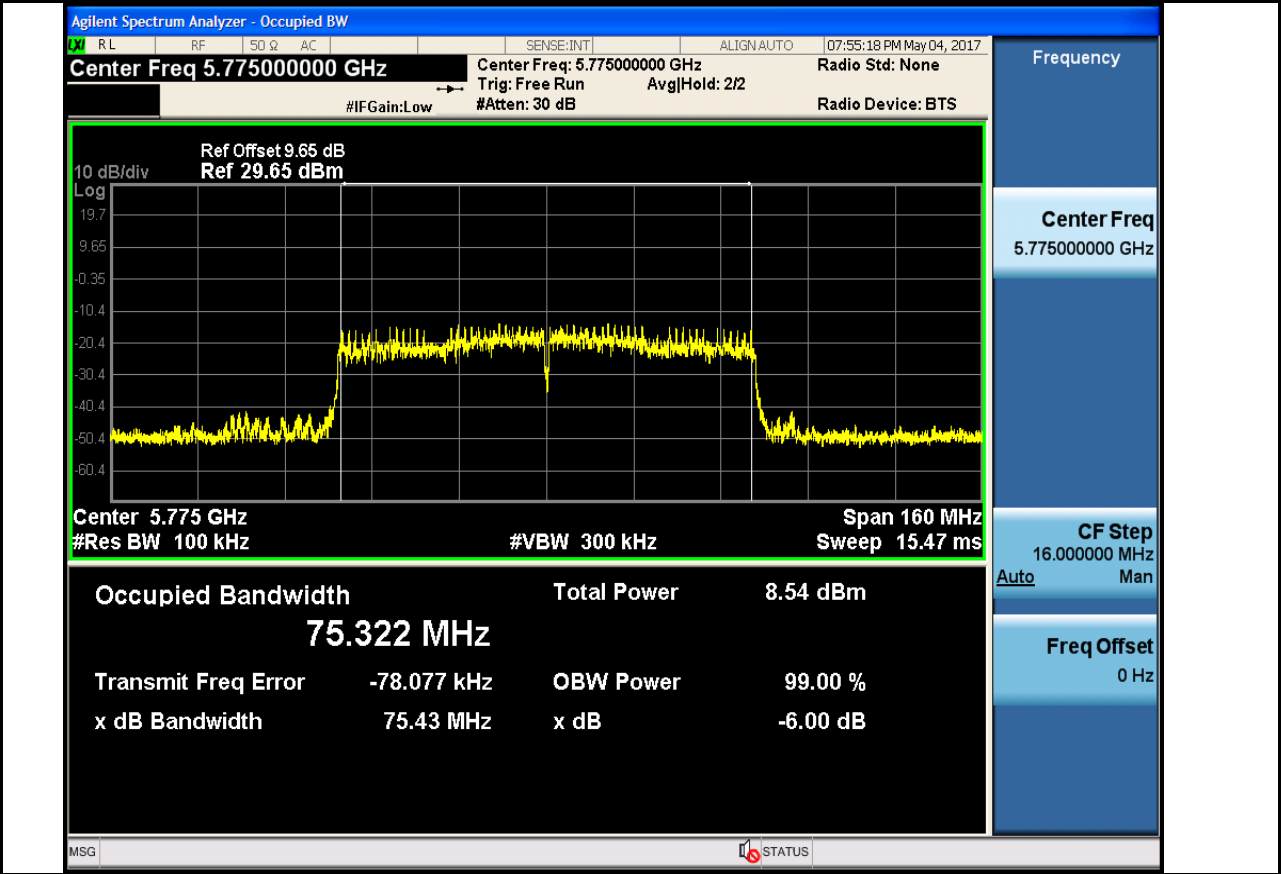
Occupied Bandwidth Measurement_11AC40_5795_Ant1



Occupied Bandwidth Measurement_11AC80_5210_Ant1

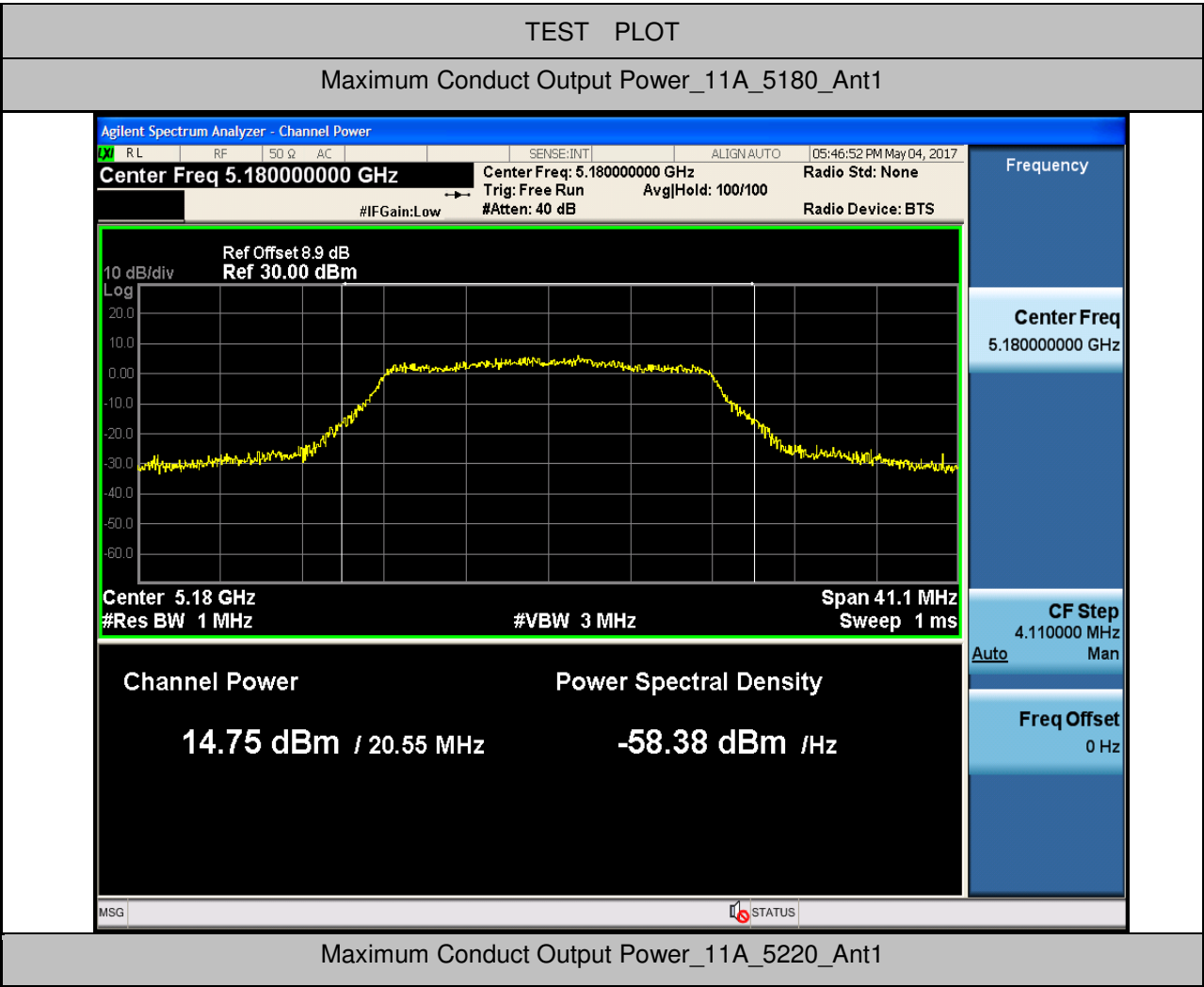


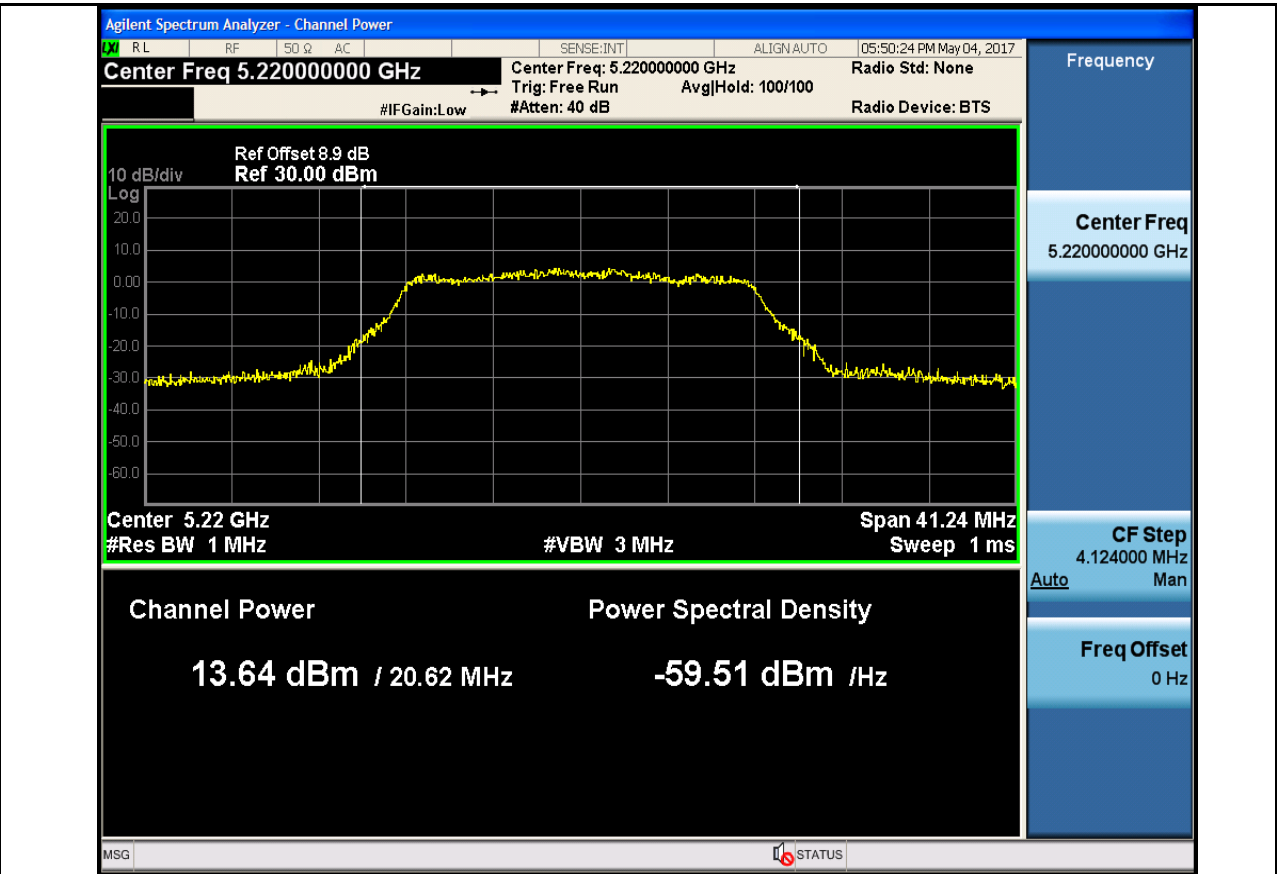
Occupied Bandwidth Measurement_11AC80_5775_Ant1



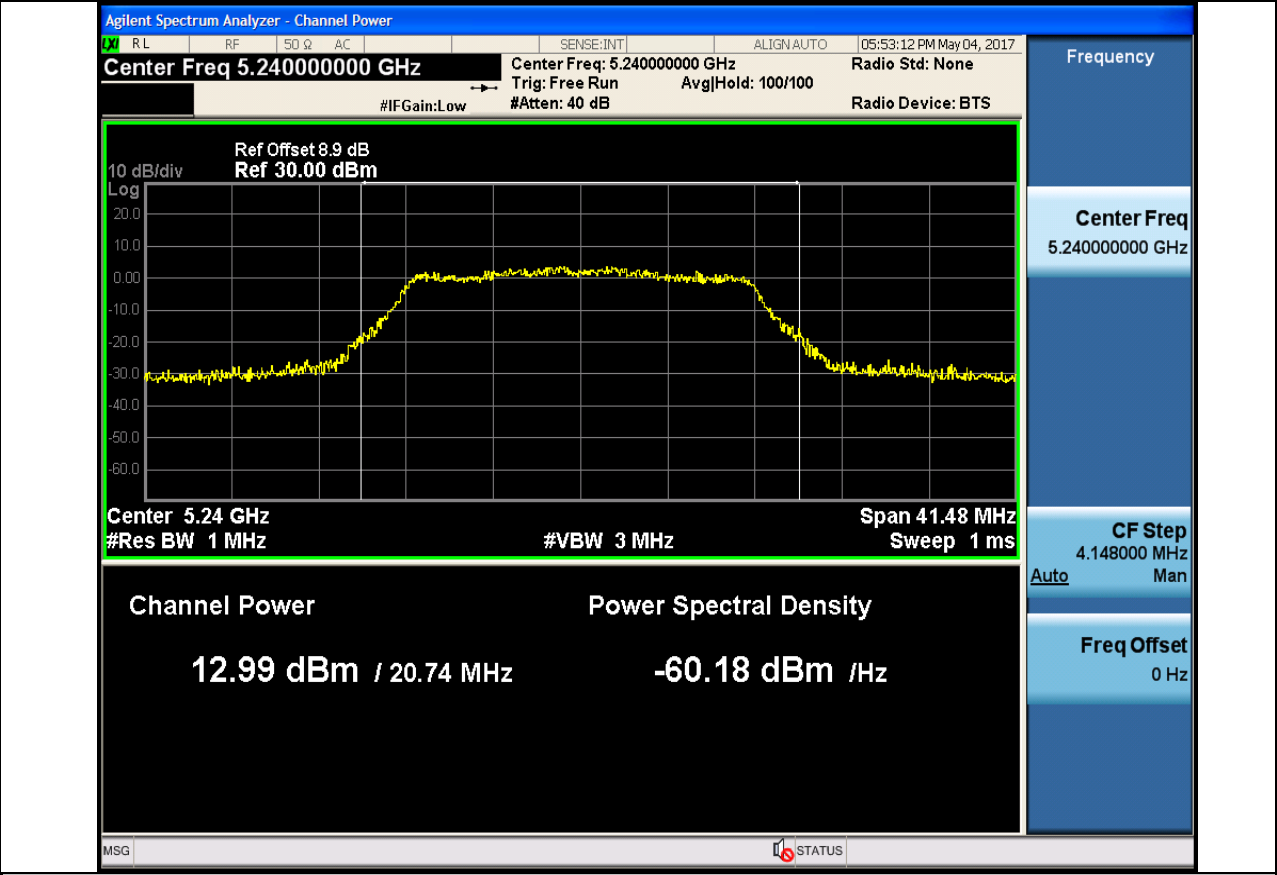
3. Maximum Conduct Output Power

Test Mode	Test Channel	Ant	Level [dBm]	10log(1/x) Factor [dB]	Power [dBm]	Limit [dBm]	Verdict
11A	5180	Ant1	14.75	0.342340358173138	15.09	23.98	PASS
11A	5220	Ant1	13.64	0.342340358173138	13.98	23.98	PASS
11A	5240	Ant1	12.99	0.342340358173138	13.33	23.98	PASS
11A	5745	Ant1	6.46	0.342340358173138	6.80	30.00	PASS
11A	5785	Ant1	7.07	0.342340358173138	7.41	30.00	PASS
11A	5825	Ant1	6.21	0.342340358173138	6.55	30.00	PASS
11N20	5180	Ant1	14.39	0.371573187987576	14.76	23.98	PASS
11N20	5220	Ant1	13.16	0.371573187987576	13.53	23.98	PASS
11N20	5240	Ant1	13.18	0.371573187987576	13.55	23.98	PASS
11N20	5745	Ant1	5.41	0.371573187987576	5.78	30.00	PASS
11N20	5785	Ant1	6.34	0.371573187987576	6.71	30.00	PASS
11N20	5825	Ant1	5.54	0.371573187987576	5.91	30.00	PASS
11N40	5190	Ant1	13.52	0.639892042847904	14.16	23.98	PASS
11N40	5230	Ant1	12.8	0.639892042847904	13.44	23.98	PASS
11N40	5755	Ant1	8.79	0.639892042847904	9.43	30.00	PASS
11N40	5795	Ant1	9.46	0.639892042847904	10.10	30.00	PASS
11AC20	5180	Ant1	12.52	0.377727686499150	12.90	23.98	PASS
11AC20	5220	Ant1	11.96	0.377727686499150	12.34	23.98	PASS
11AC20	5240	Ant1	11.15	0.377727686499150	11.53	23.98	PASS
11AC20	5745	Ant1	4.67	0.377727686499150	5.05	30.00	PASS
11AC20	5785	Ant1	5.13	0.377727686499150	5.51	30.00	PASS
11AC20	5825	Ant1	4.08	0.377727686499150	4.46	30.00	PASS
11AC40	5190	Ant1	13.01	0.536951450065251	13.55	23.98	PASS
11AC40	5230	Ant1	12.08	0.536951450065251	12.62	23.98	PASS
11AC40	5755	Ant1	6.83	0.536951450065251	7.37	30.00	PASS
11AC40	5795	Ant1	6.63	0.536951450065251	7.17	30.00	PASS
11AC80	5210	Ant1	12.04	0.896958319314312	12.94	23.98	PASS
11AC80	5775	Ant1	7.41	0.896958319314312	8.31	30.00	PASS

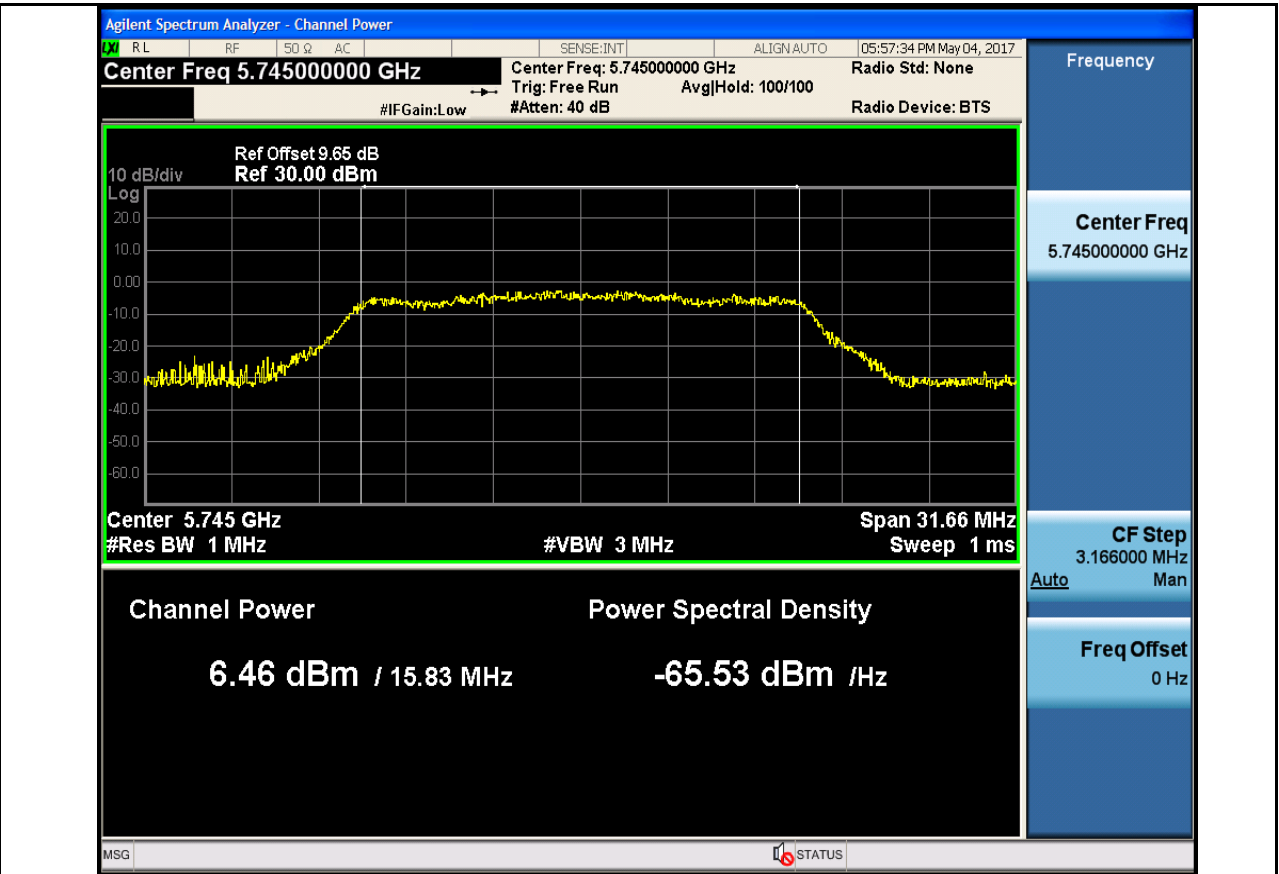




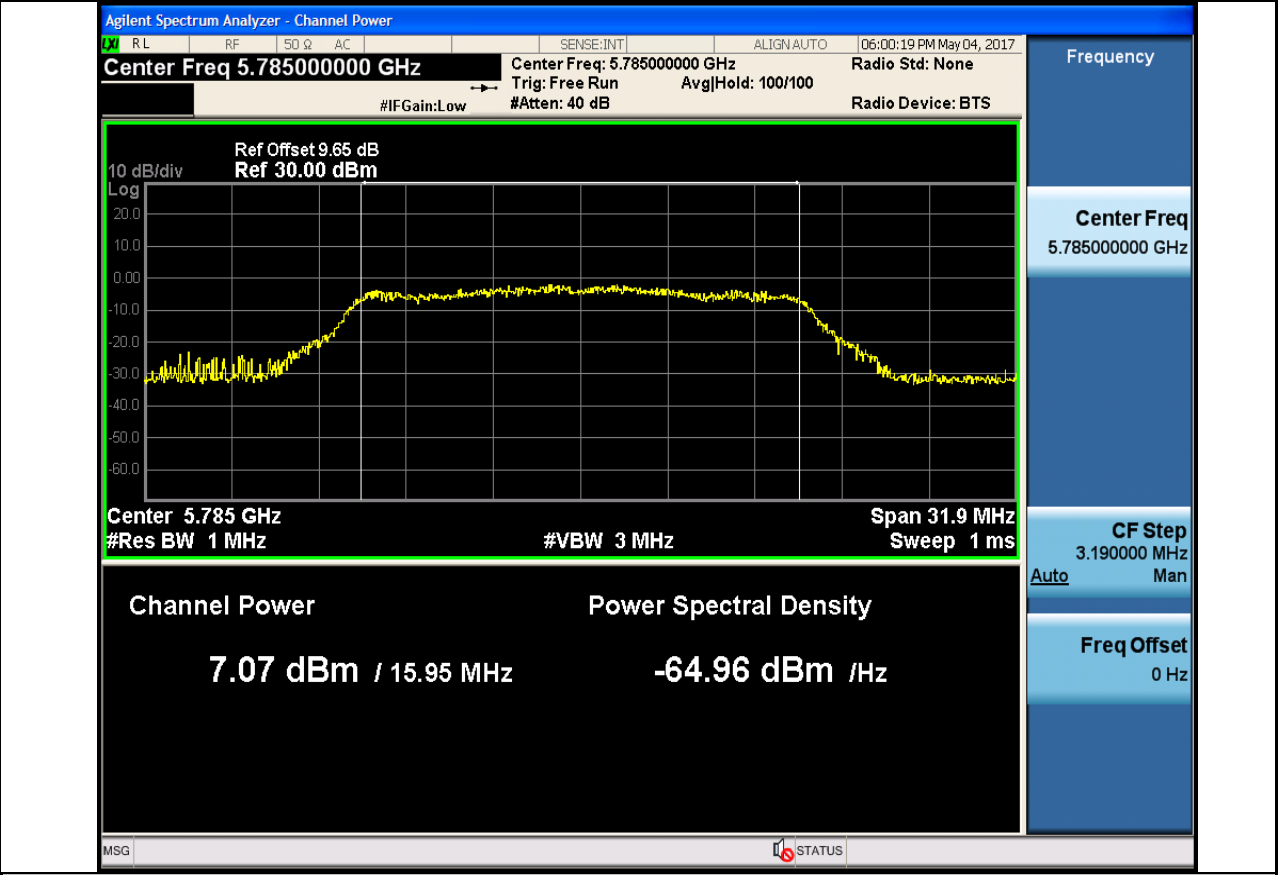
Maximum Conduct Output Power_11A_5240_Ant1



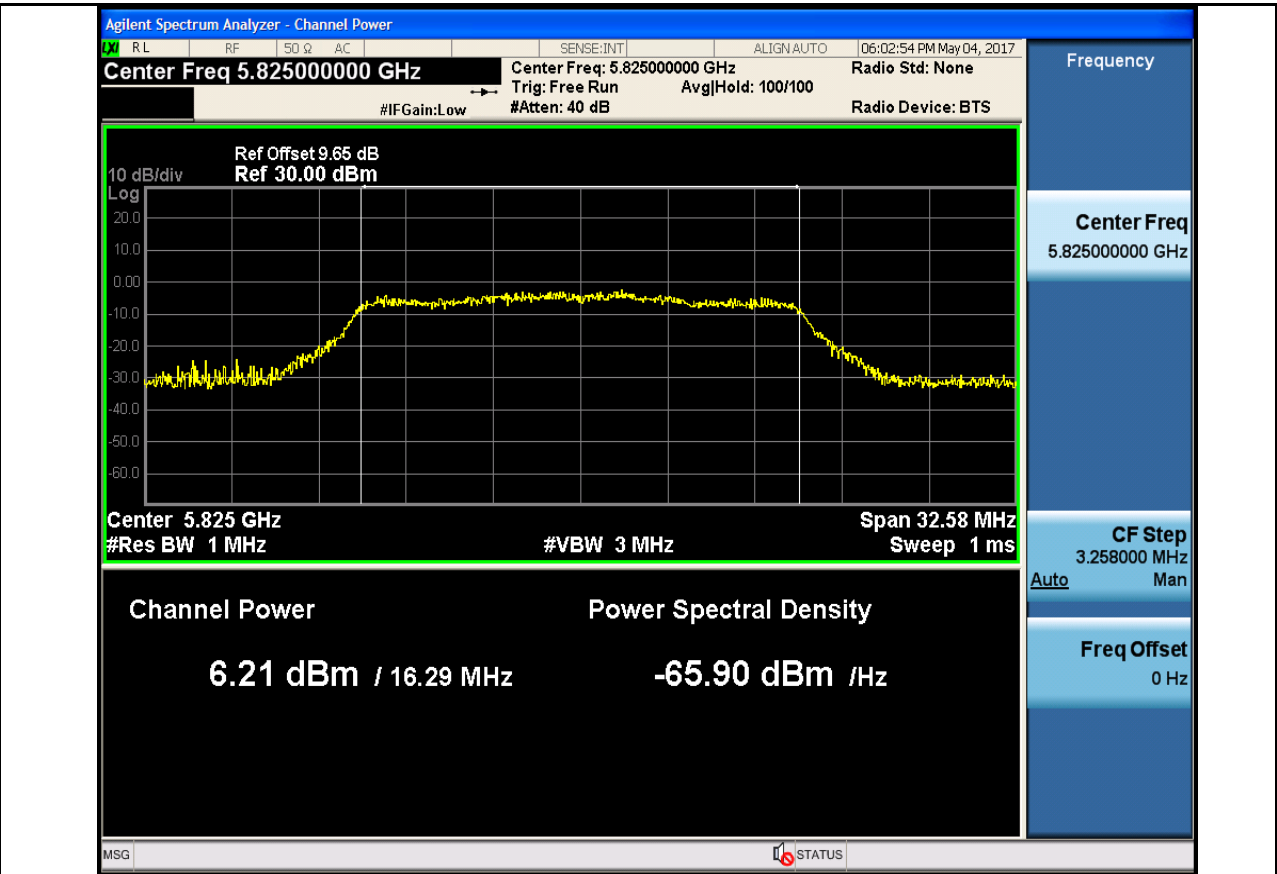
Maximum Conduct Output Power_11A_5745_Ant1



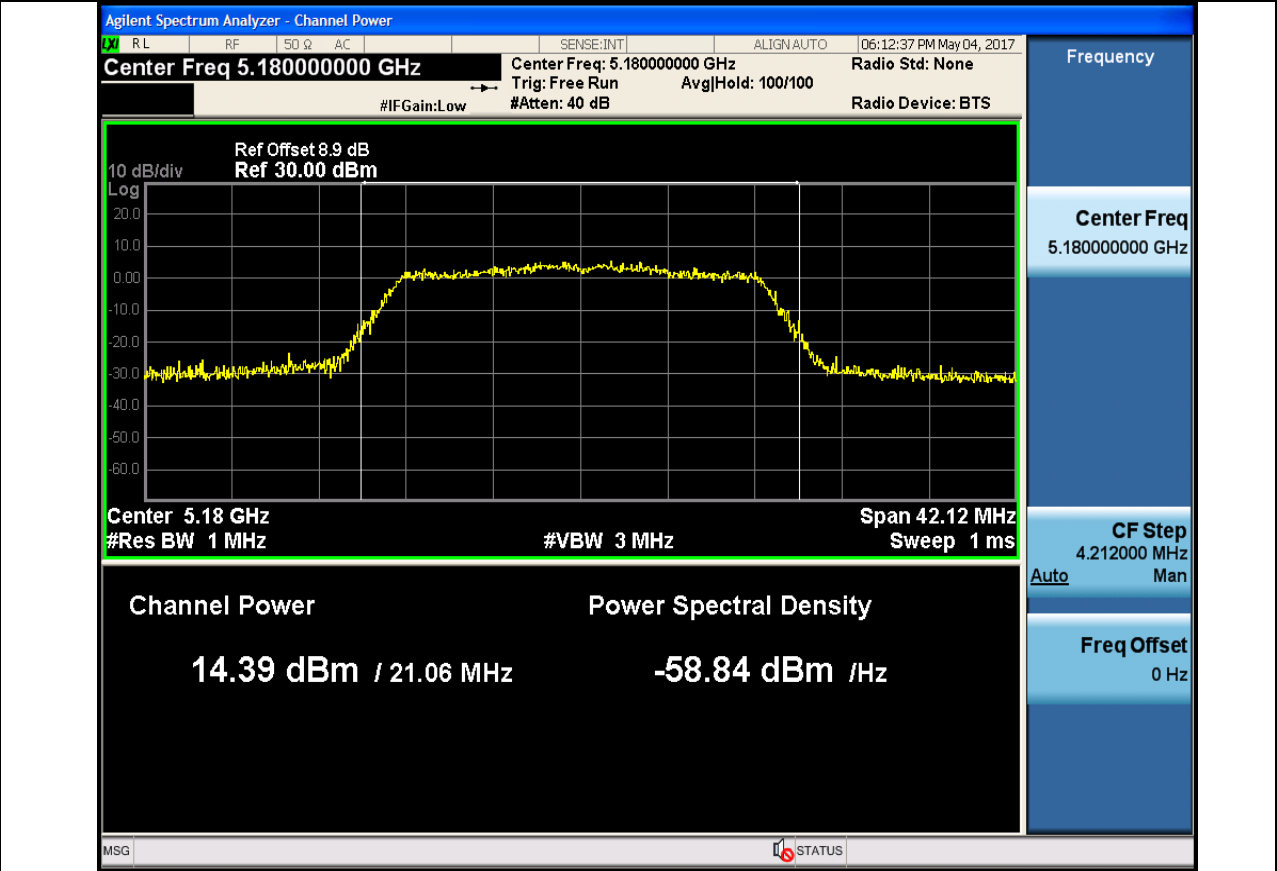
Maximum Conduct Output Power_11A_5785_Ant1



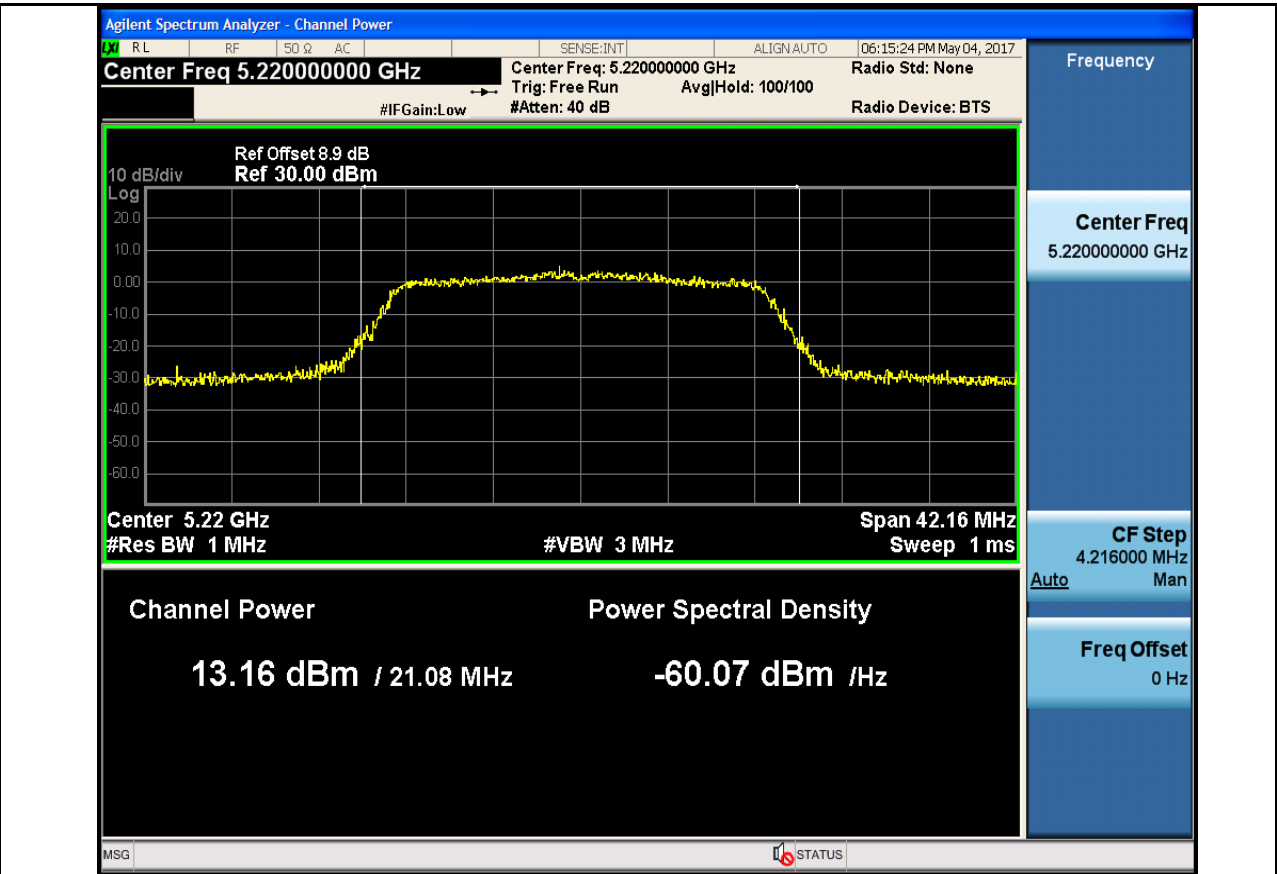
Maximum Conduct Output Power_11A_5825_Ant1



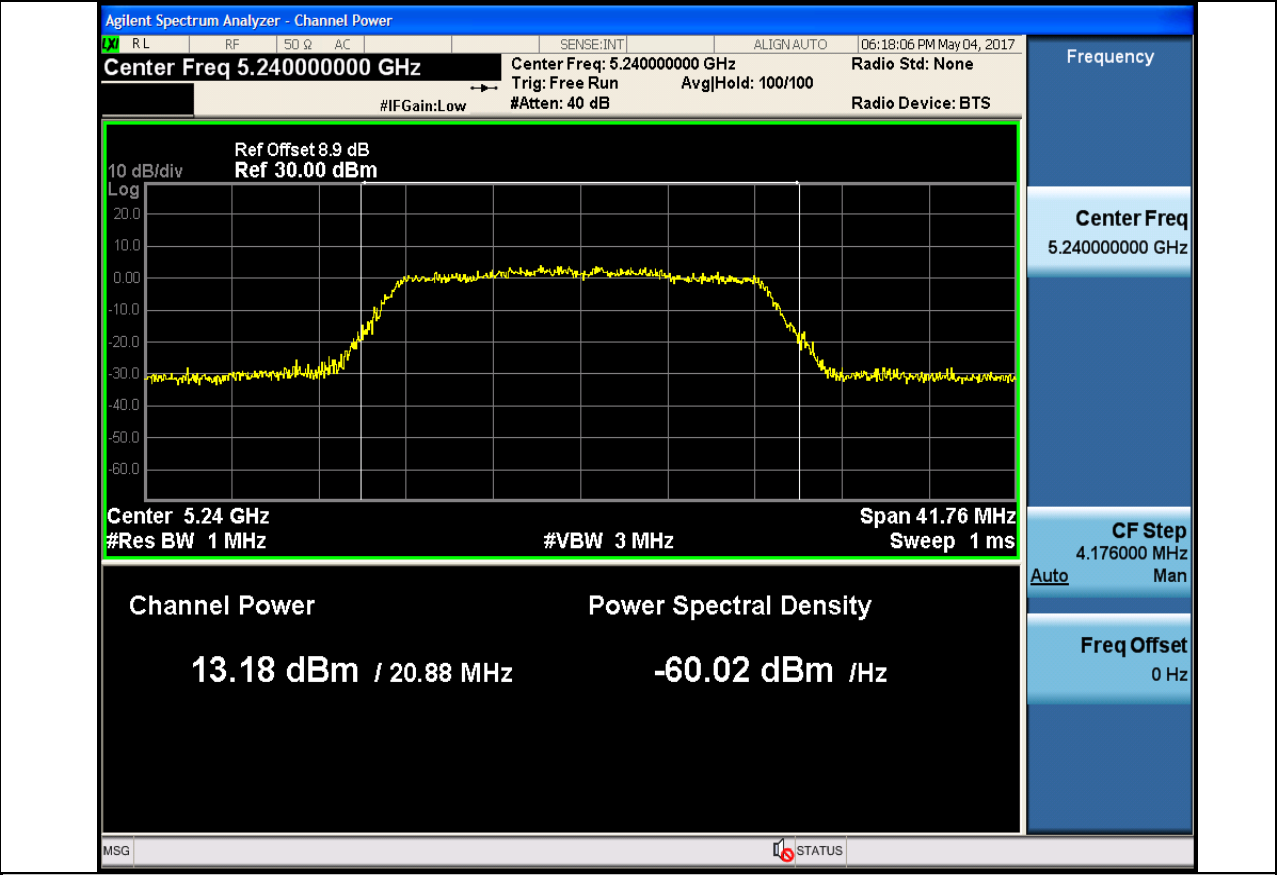
Maximum Conduct Output Power_11N20_5180_Ant1



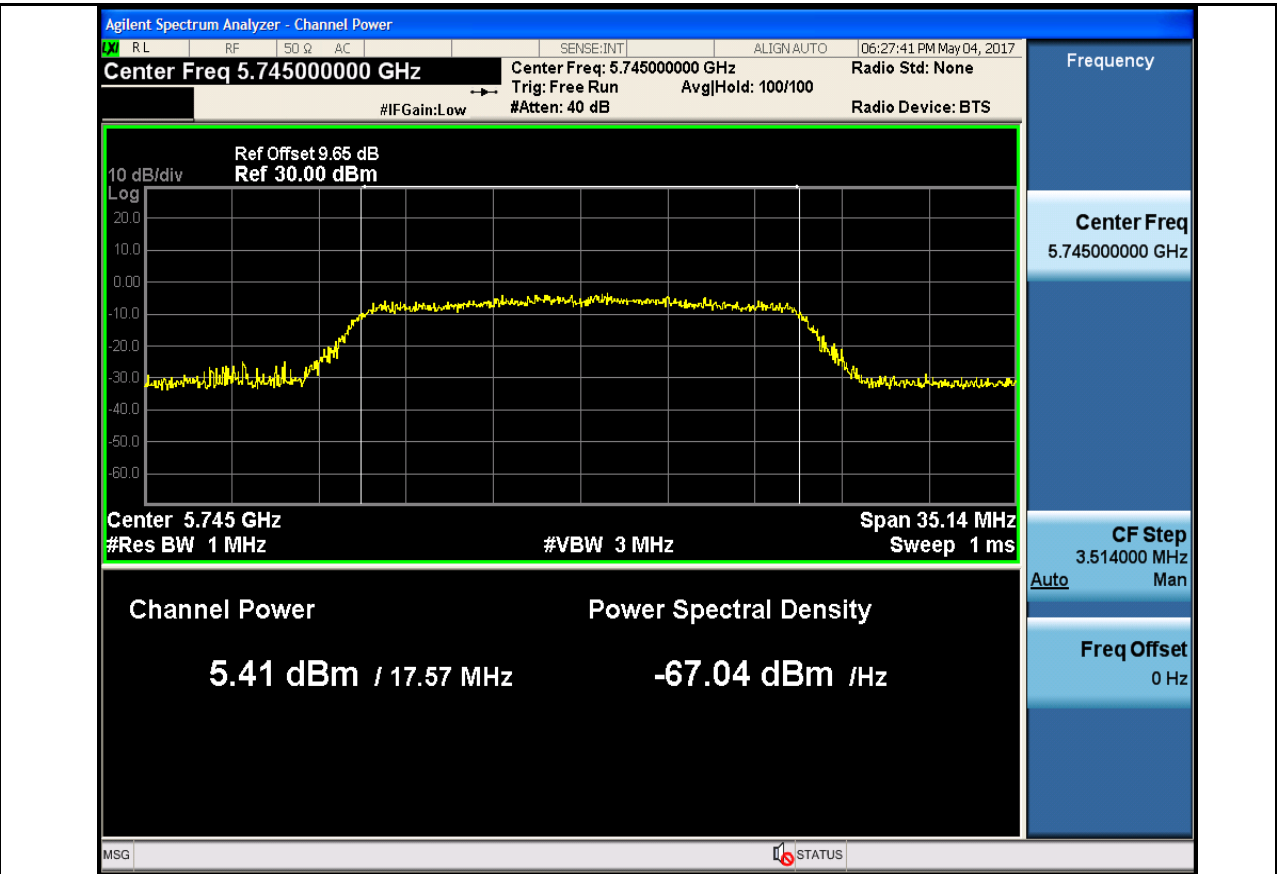
Maximum Conduct Output Power_11N20_5220_Ant1



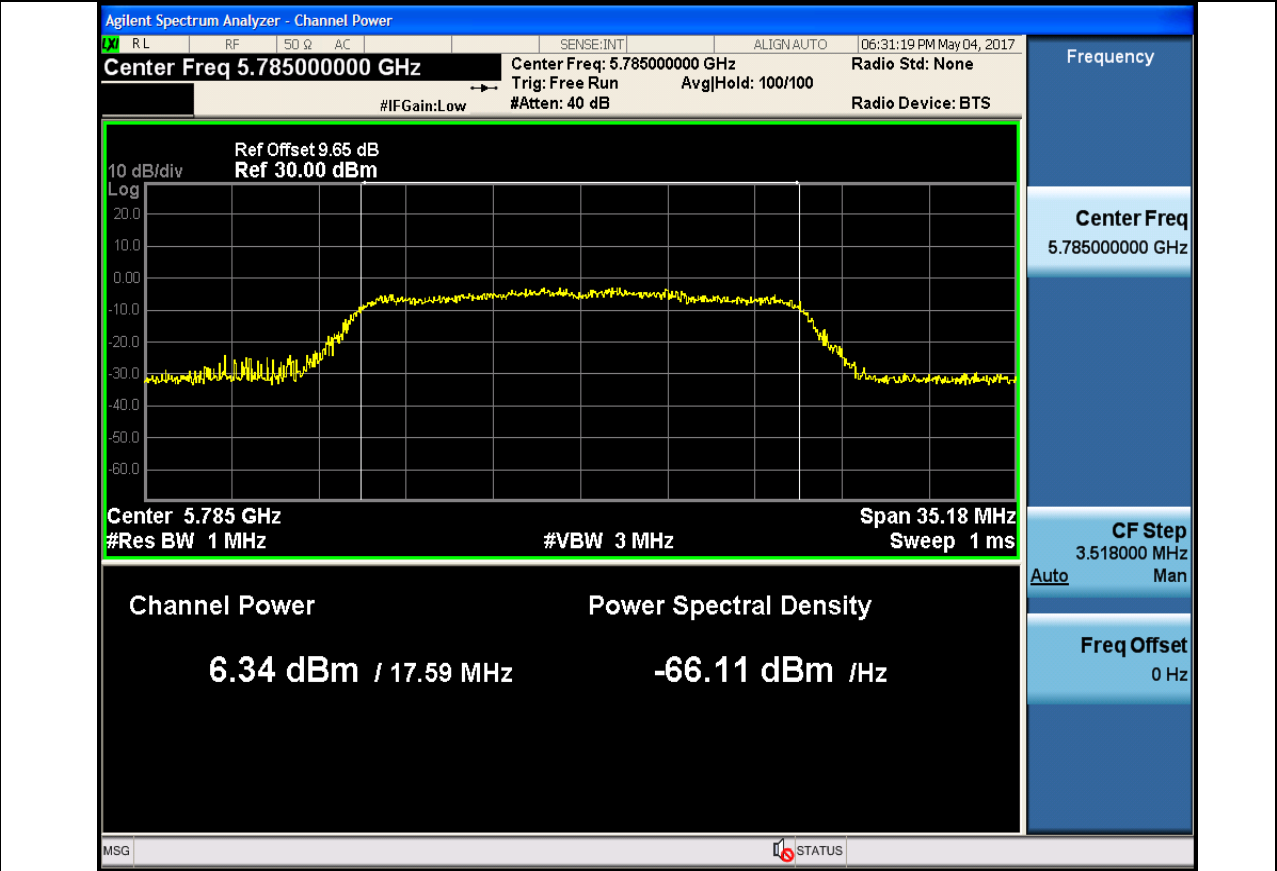
Maximum Conduct Output Power_11N20_5240_Ant1



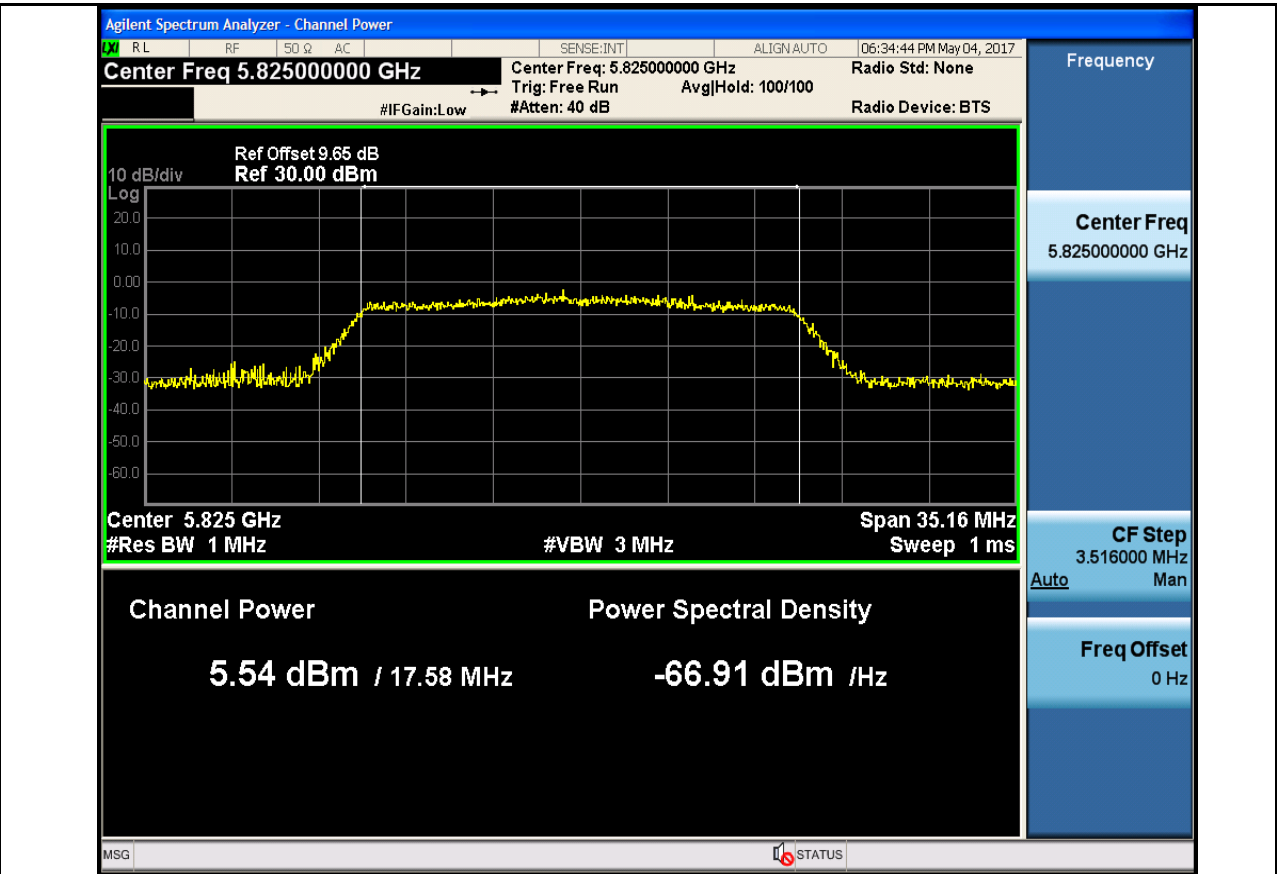
Maximum Conduct Output Power_11N20_5745_Ant1



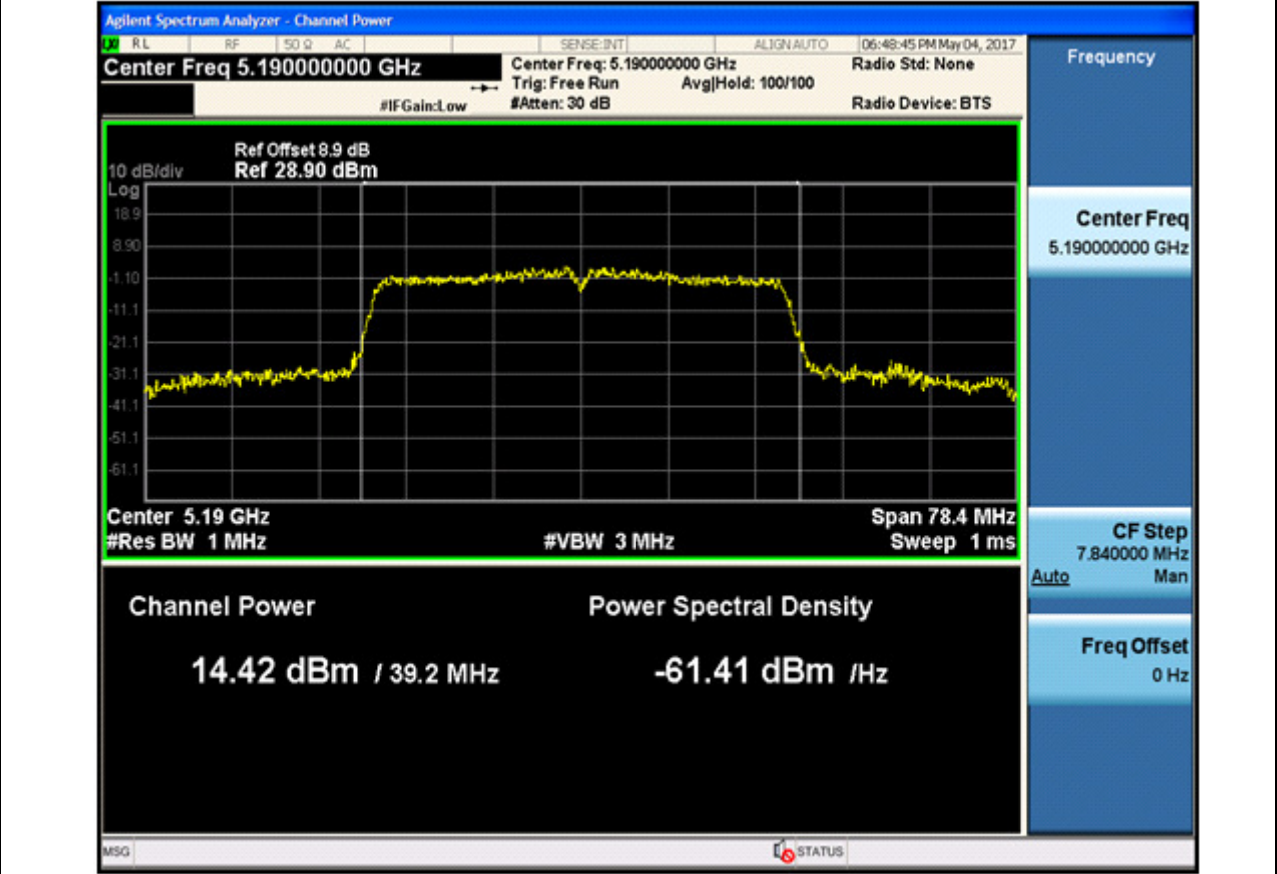
Maximum Conduct Output Power_11N20_5785_Ant1



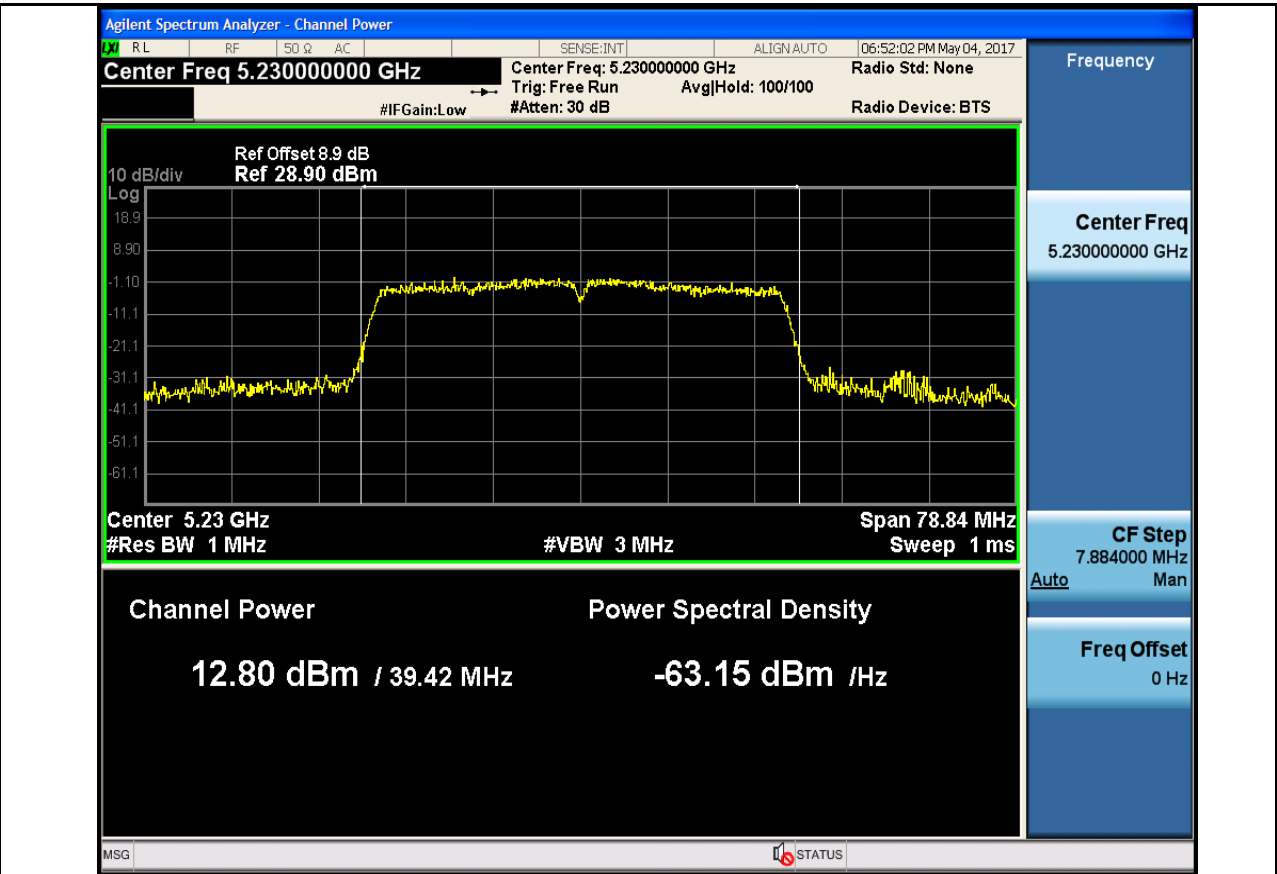
Maximum Conduct Output Power_11N20_5825_Ant1



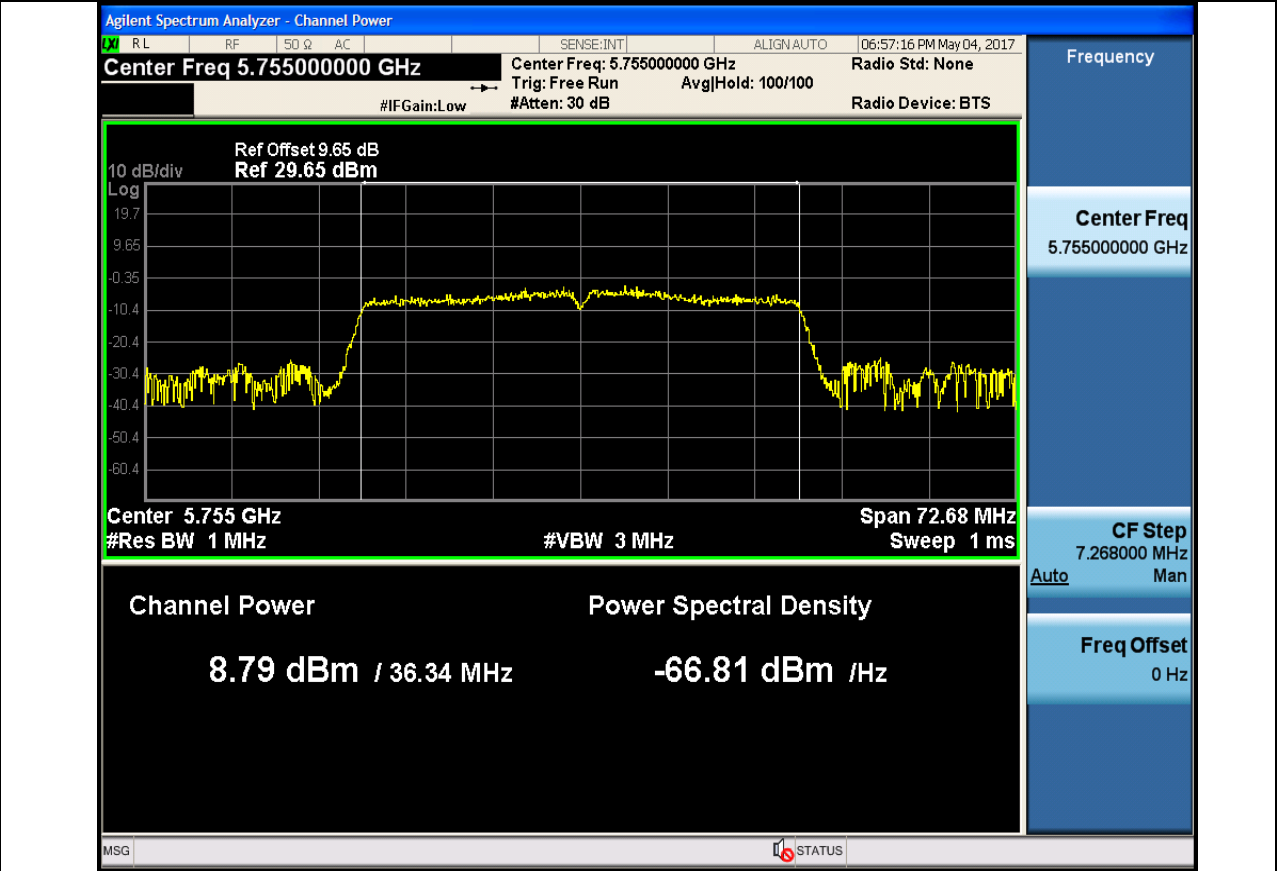
Maximum Conduct Output Power_11N40_5190_Ant1



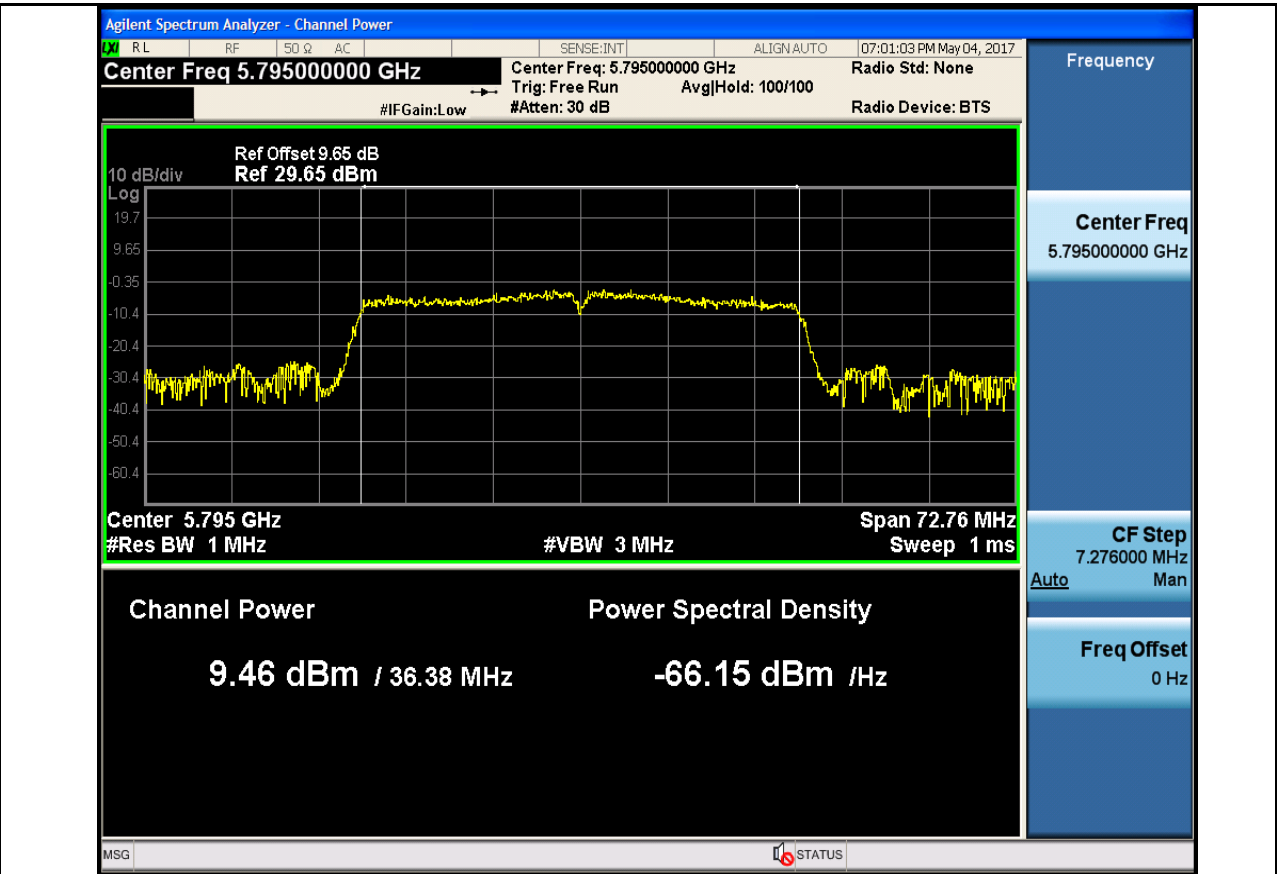
Maximum Conduct Output Power_11N40_5230_Ant1



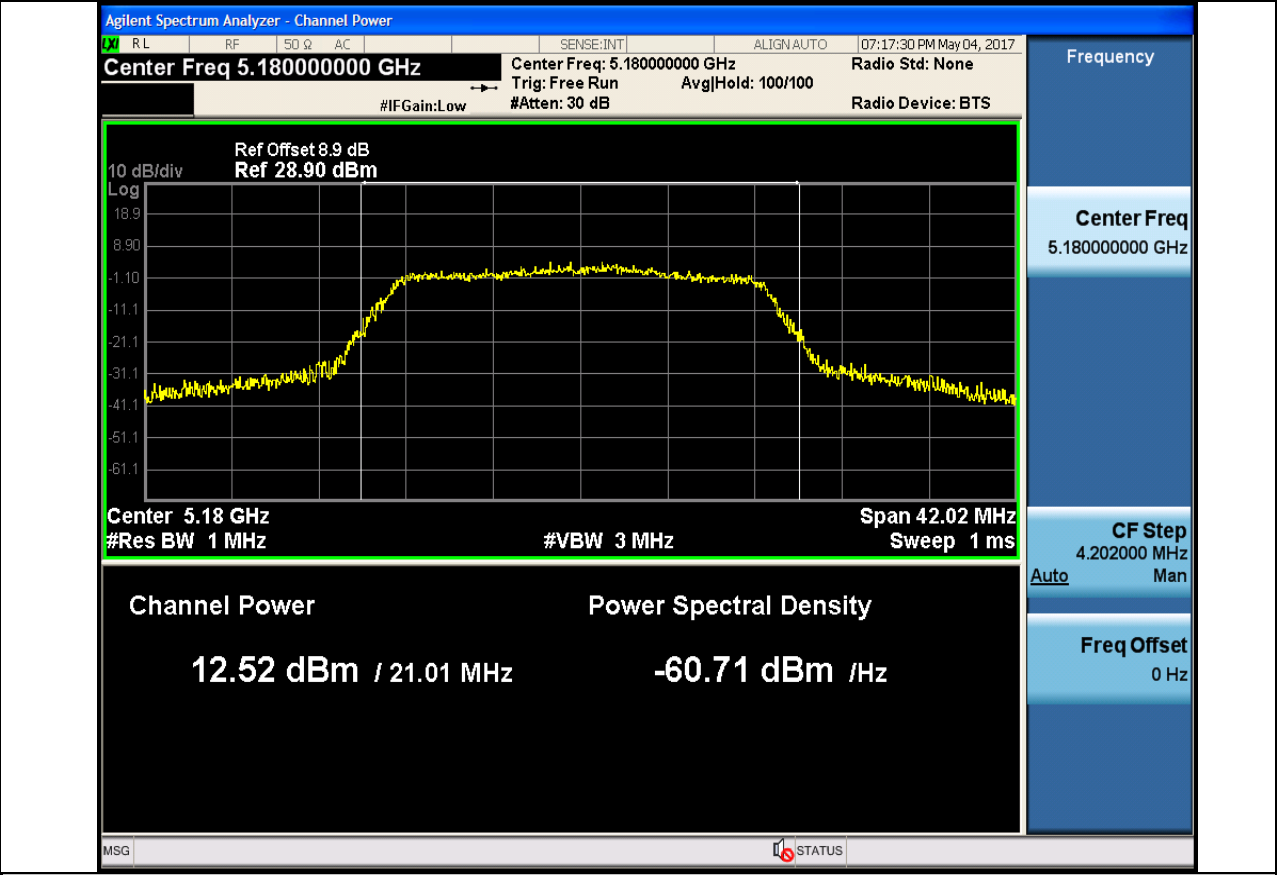
Maximum Conduct Output Power_11N40_5755_Ant1



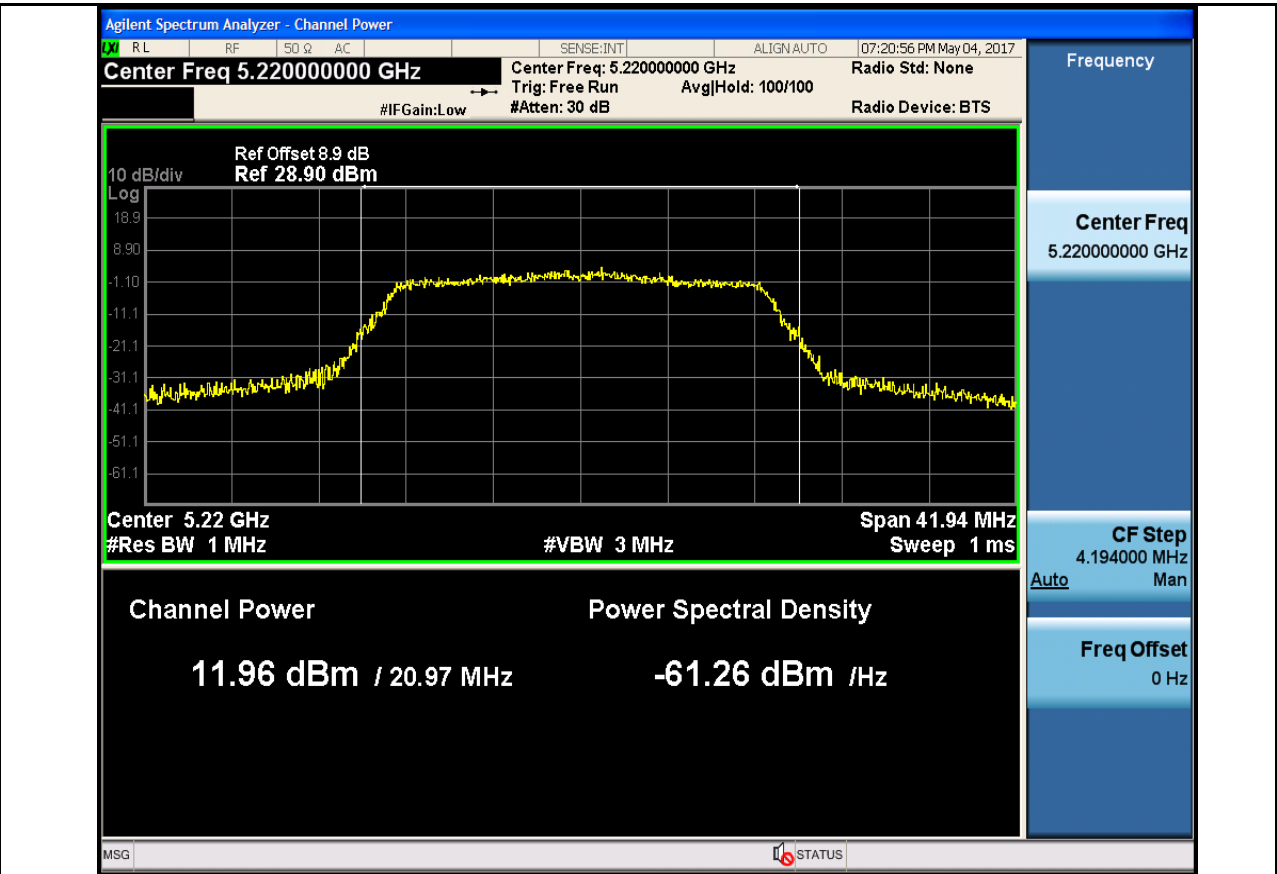
Maximum Conduct Output Power_11N40_5795_Ant1



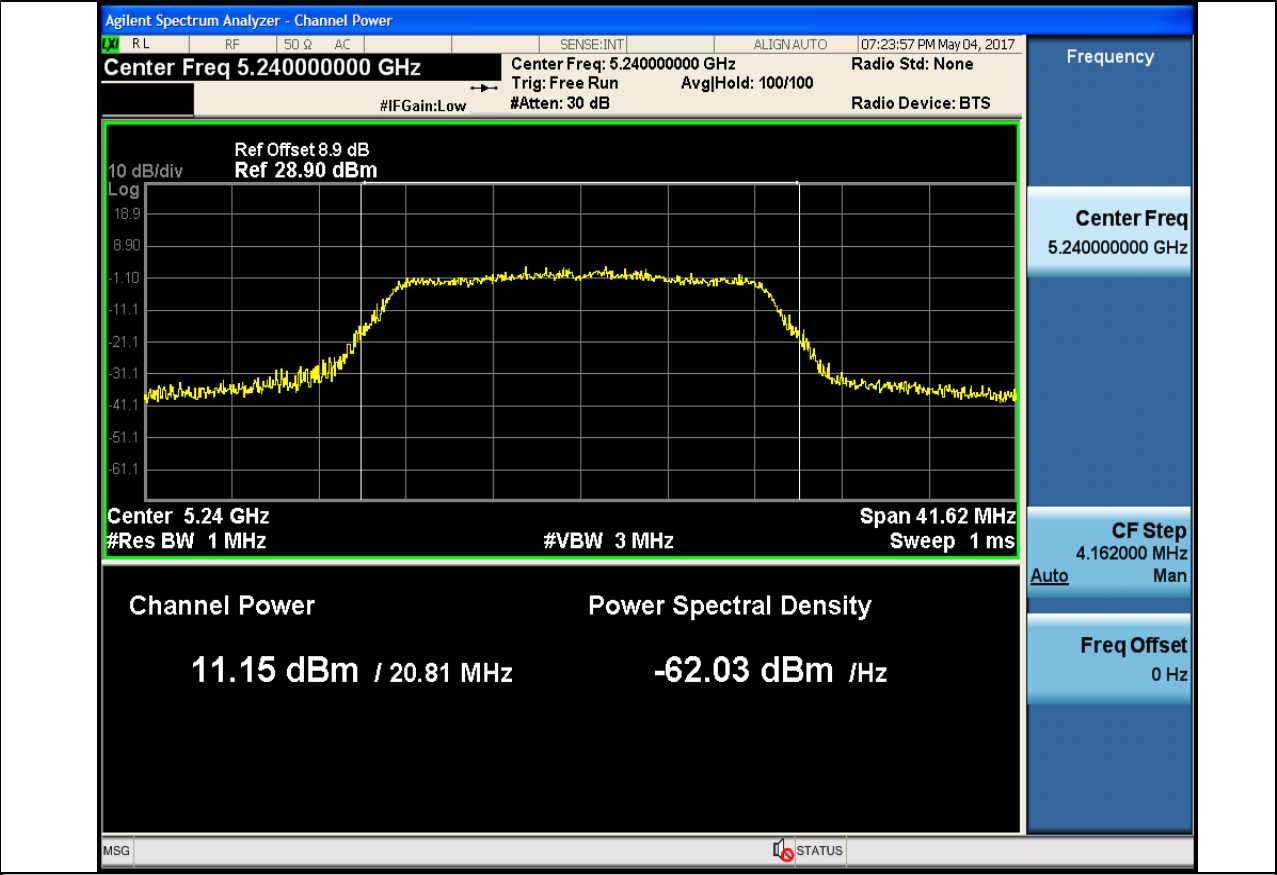
Maximum Conduct Output Power_11AC20_5180_Ant1



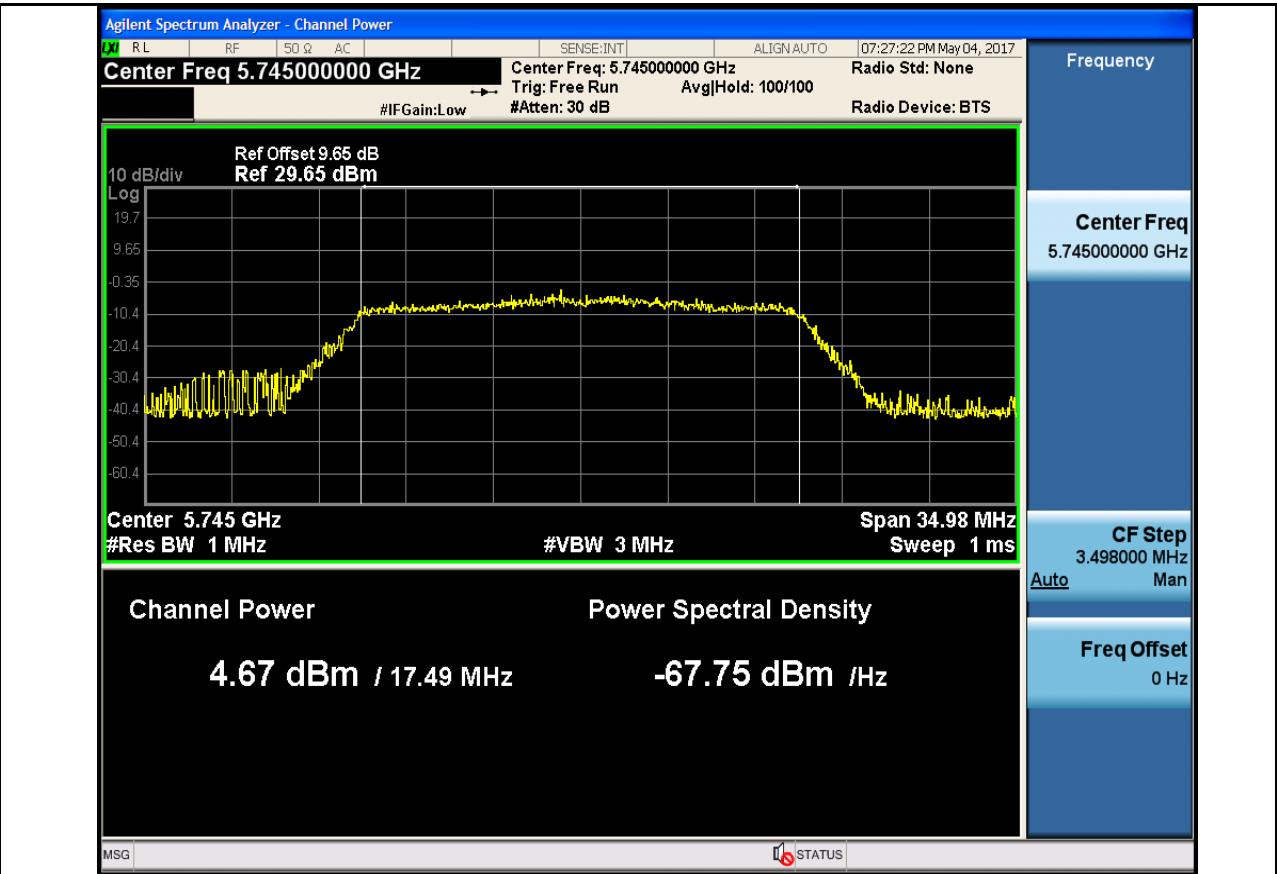
Maximum Conduct Output Power_11AC20_5220_Ant1



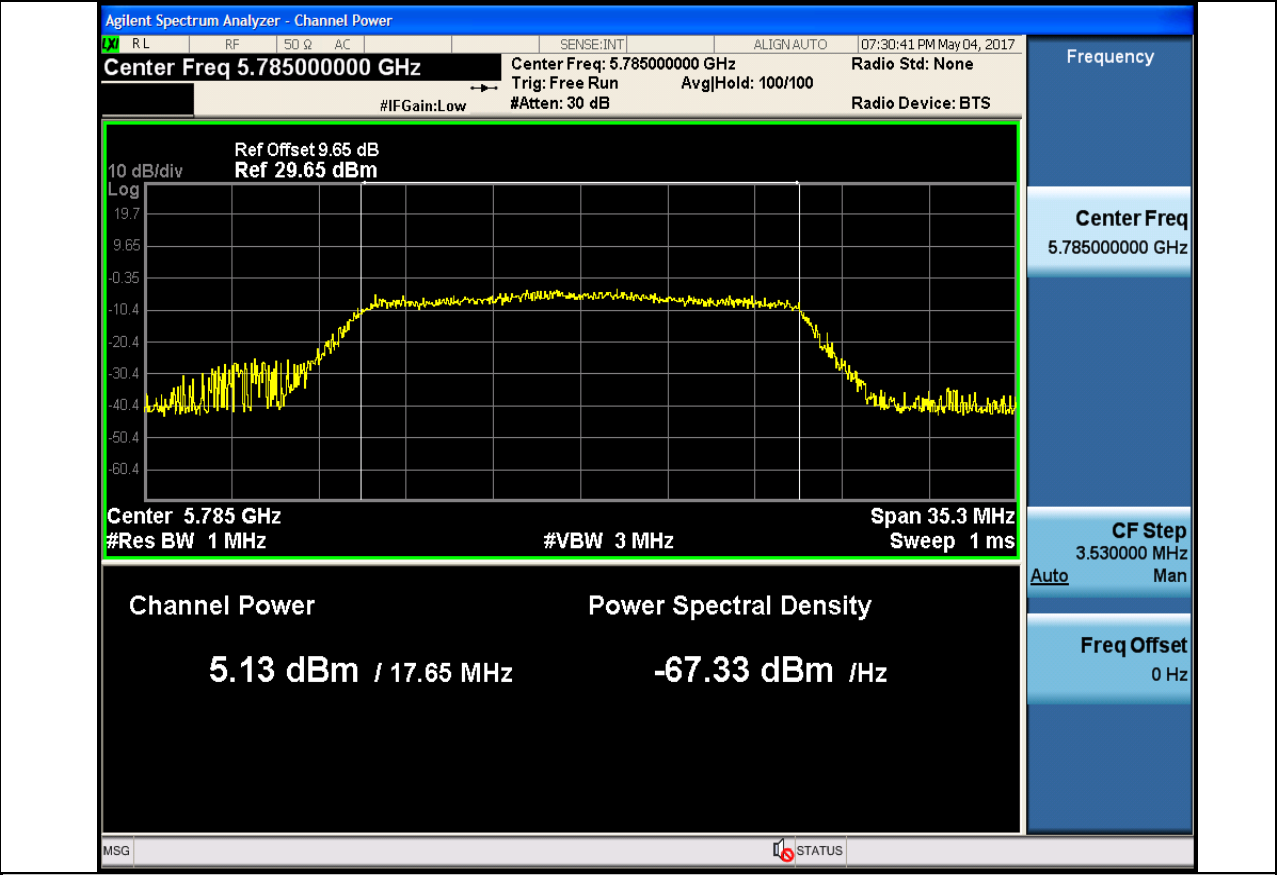
Maximum Conduct Output Power_11AC20_5240_Ant1



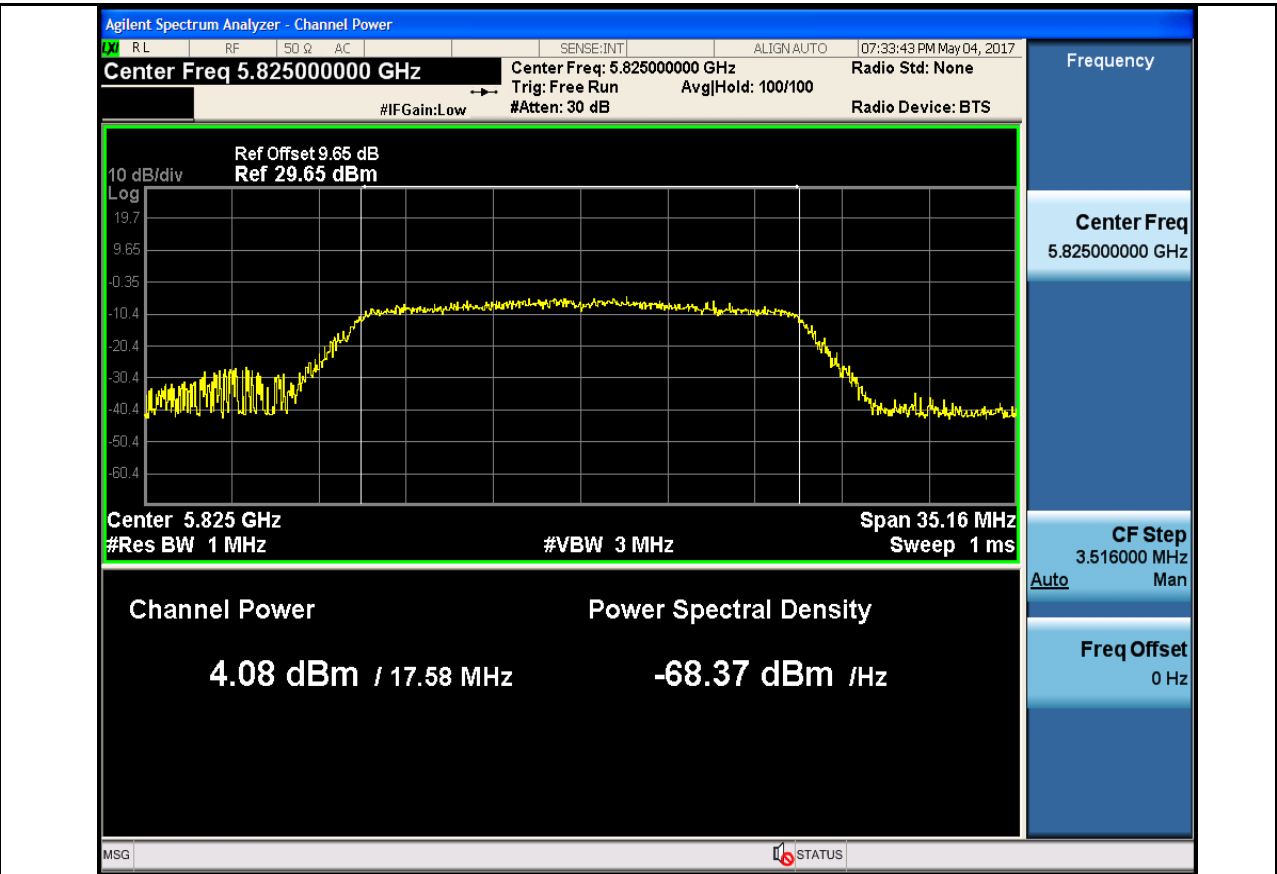
Maximum Conduct Output Power_11AC20_5745_Ant1



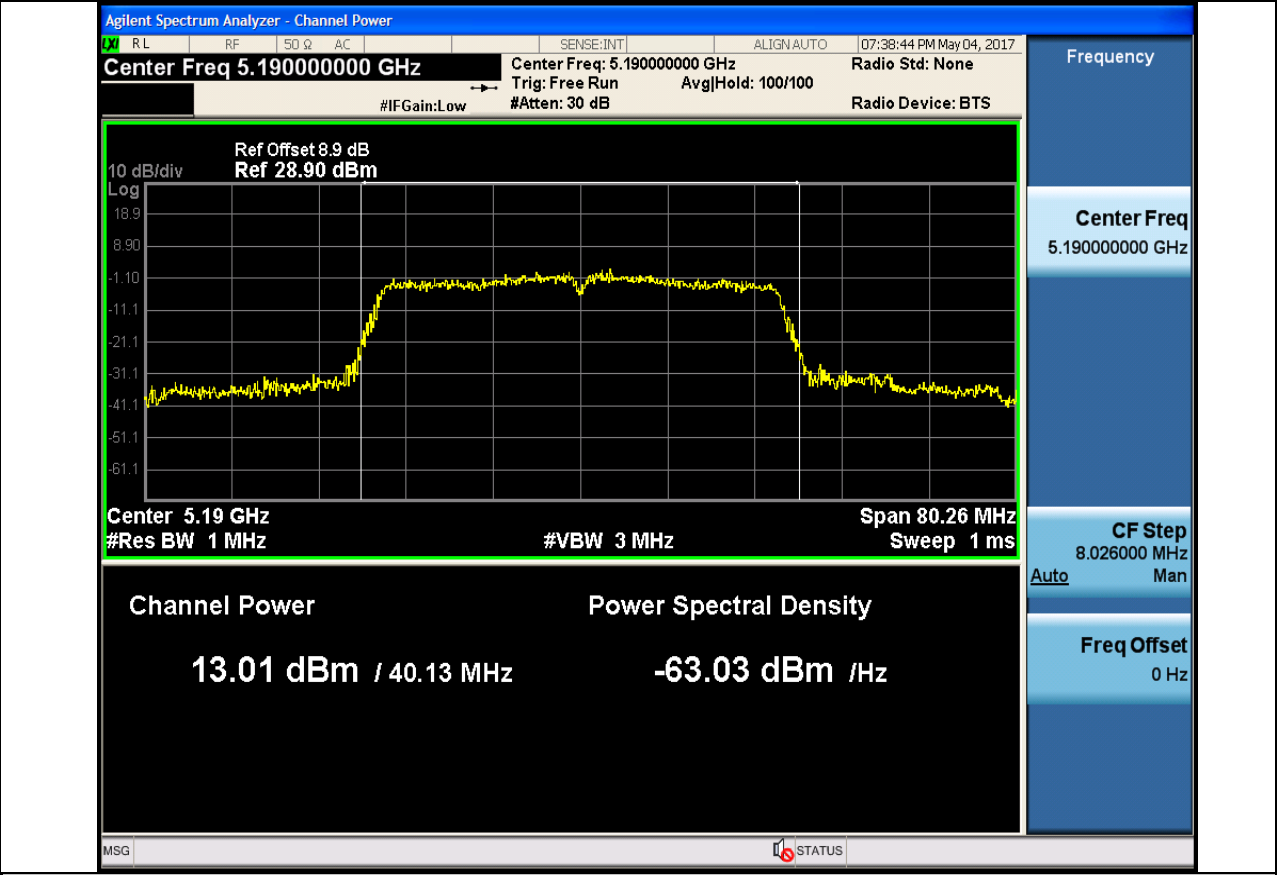
Maximum Conduct Output Power_11AC20_5785_Ant1



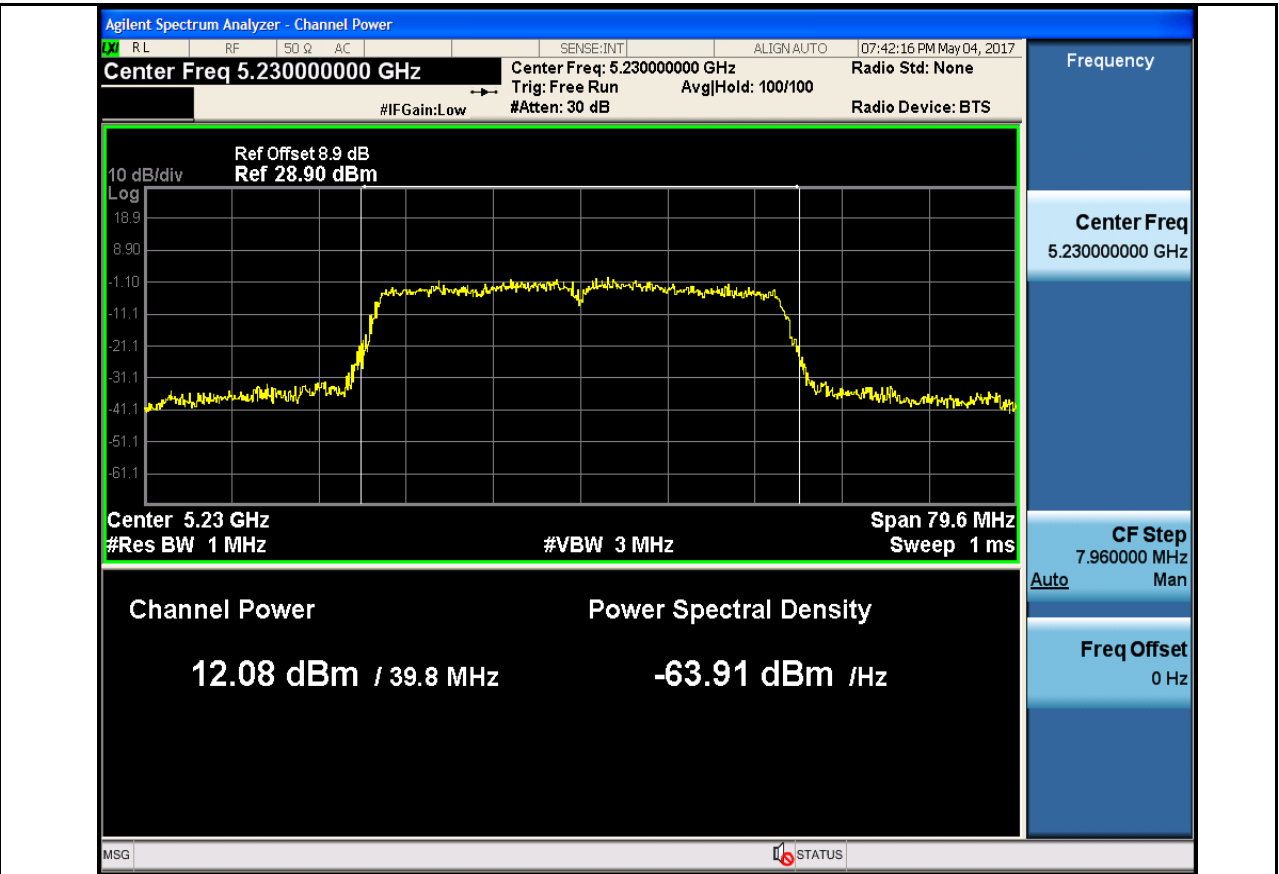
Maximum Conduct Output Power_11AC20_5825_Ant1



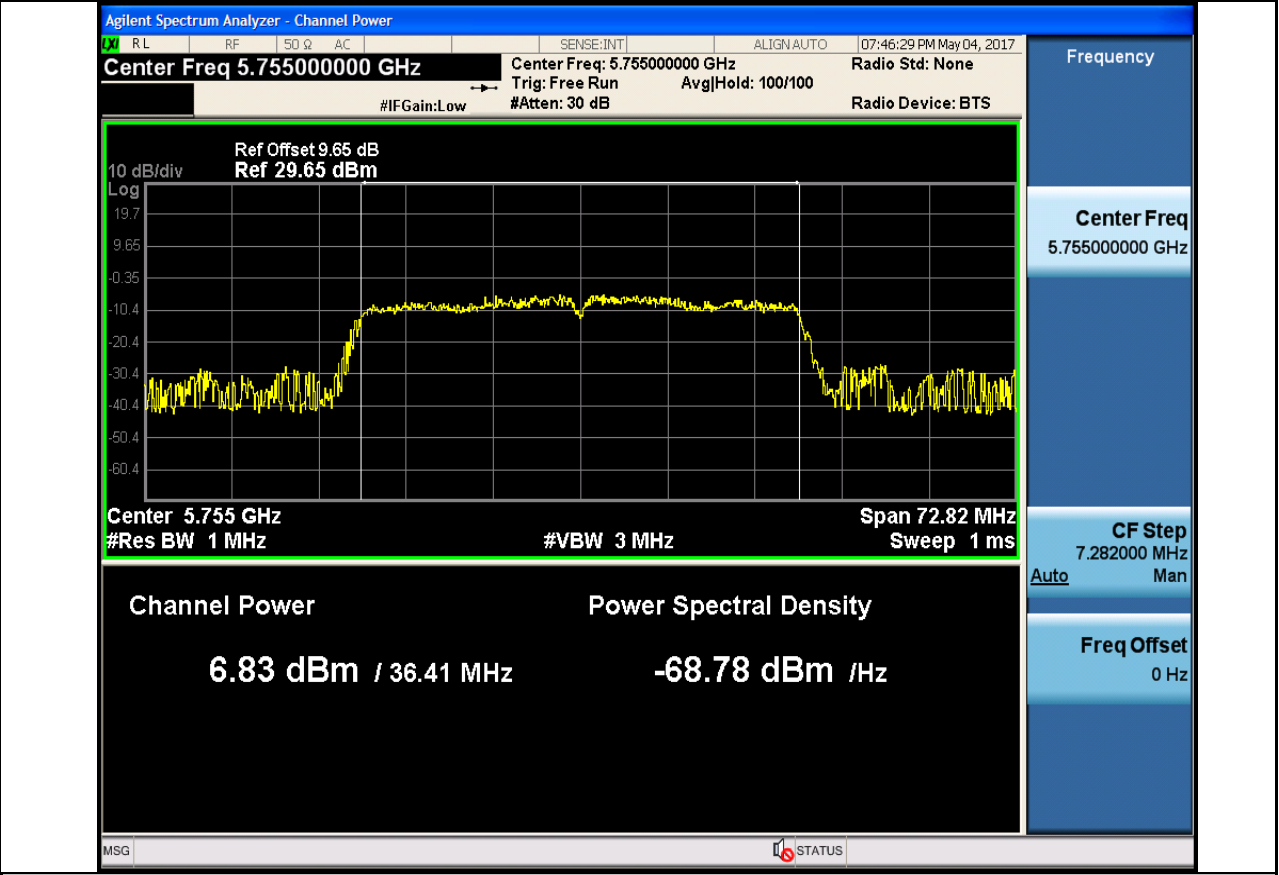
Maximum Conduct Output Power_11AC40_5190_Ant1



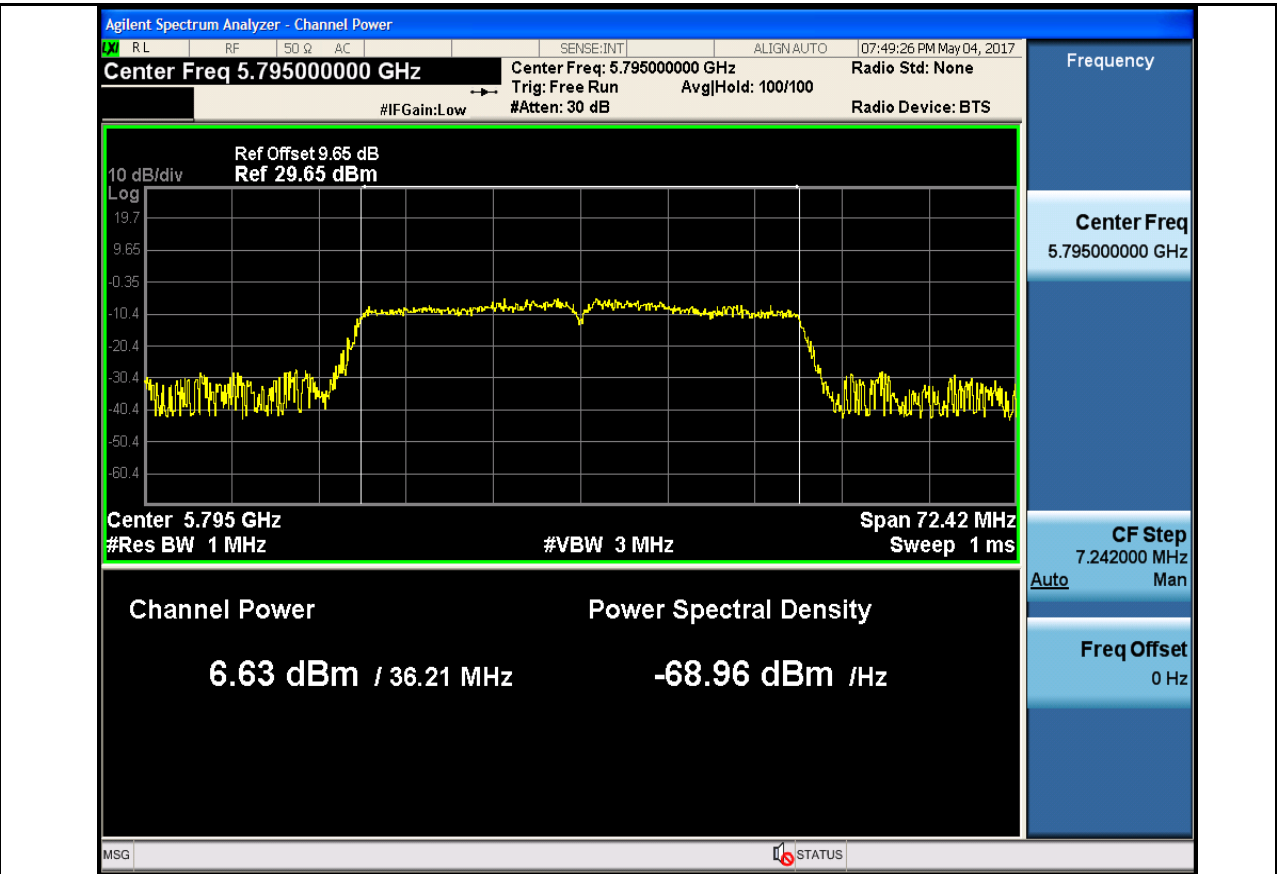
Maximum Conduct Output Power_11AC40_5230_Ant1



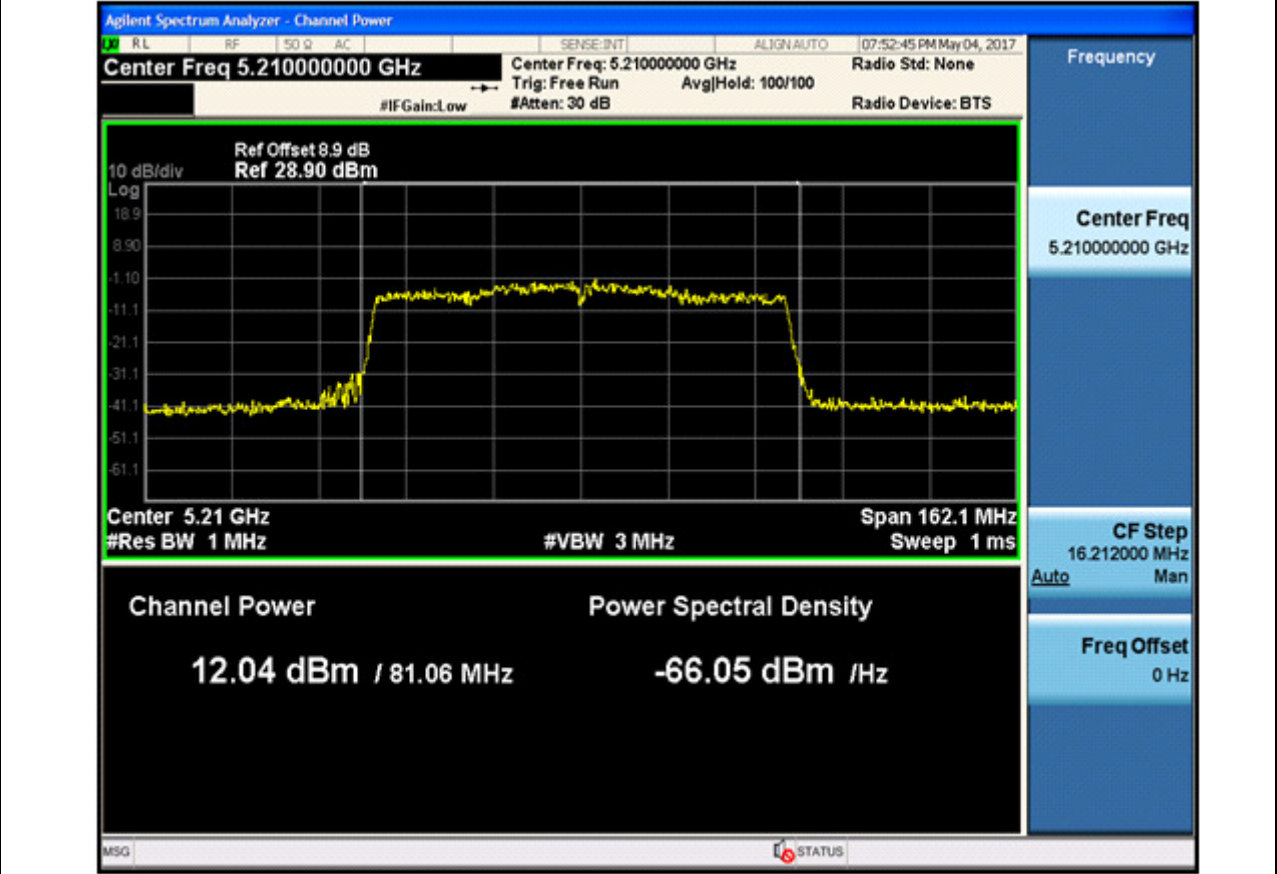
Maximum Conduct Output Power_11AC40_5755_Ant1



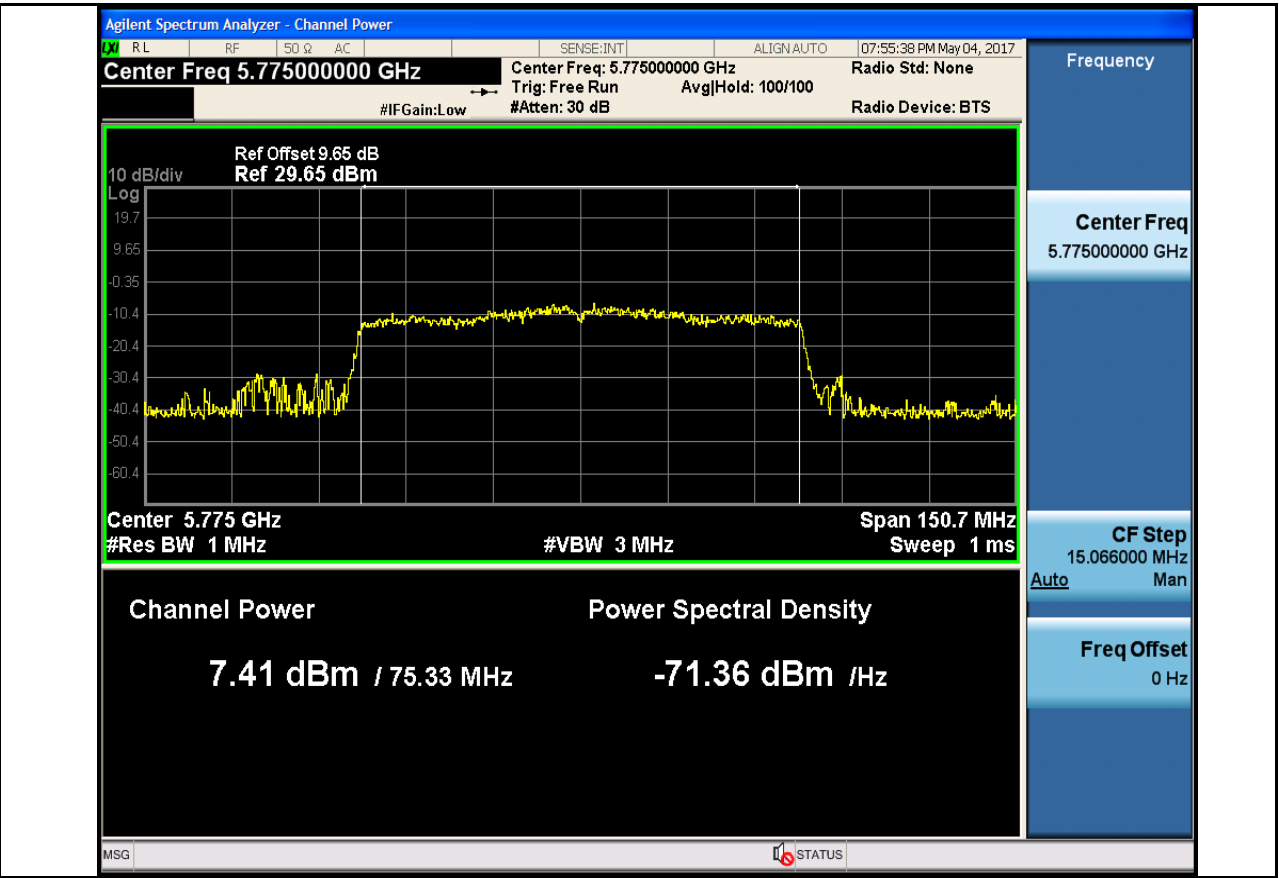
Maximum Conduct Output Power_11AC40_5795_Ant1



Maximum Conduct Output Power_11AC80_5210_Ant1



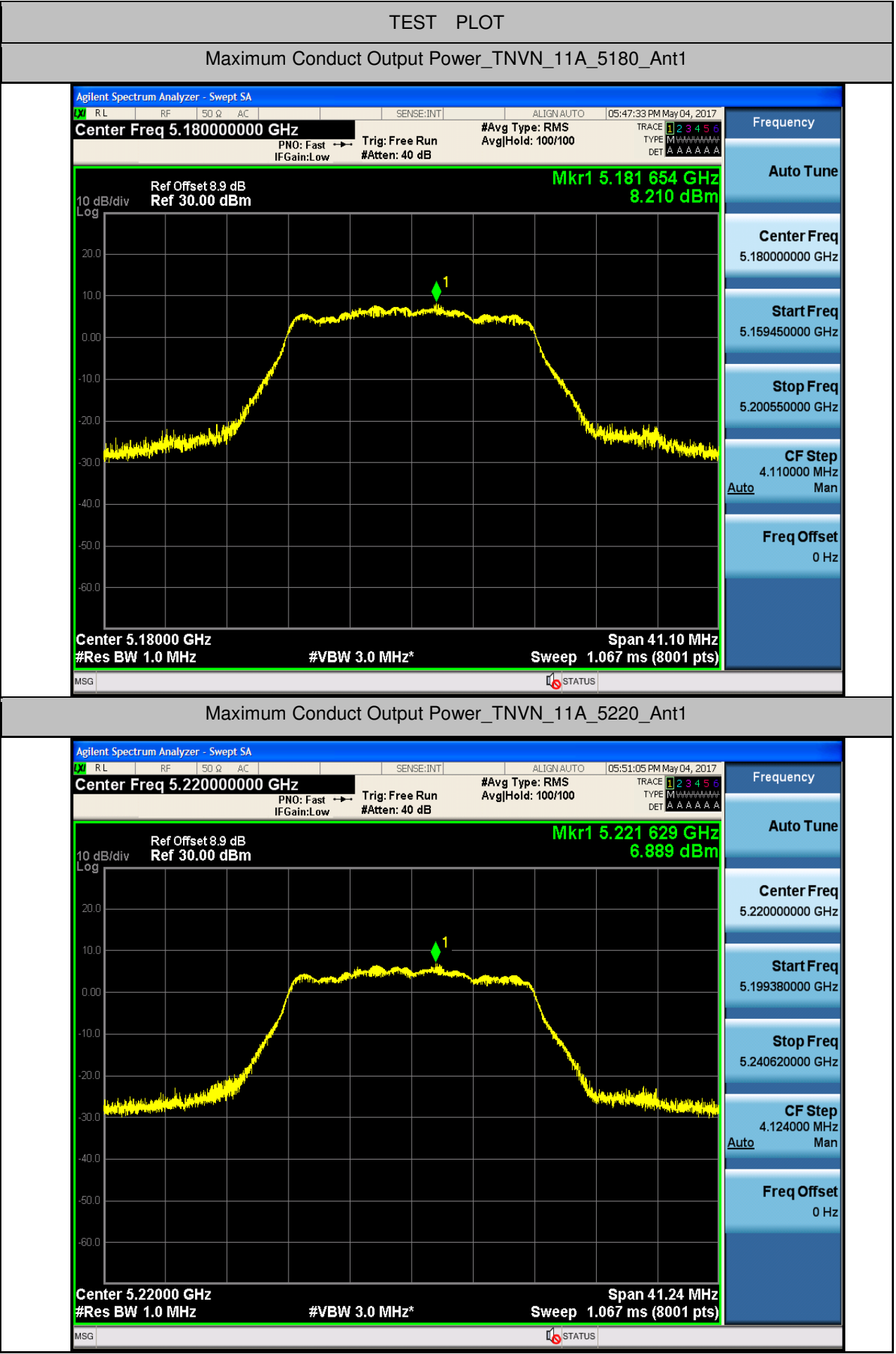
Maximum Conduct Output Power_11AC80_5775_Ant1



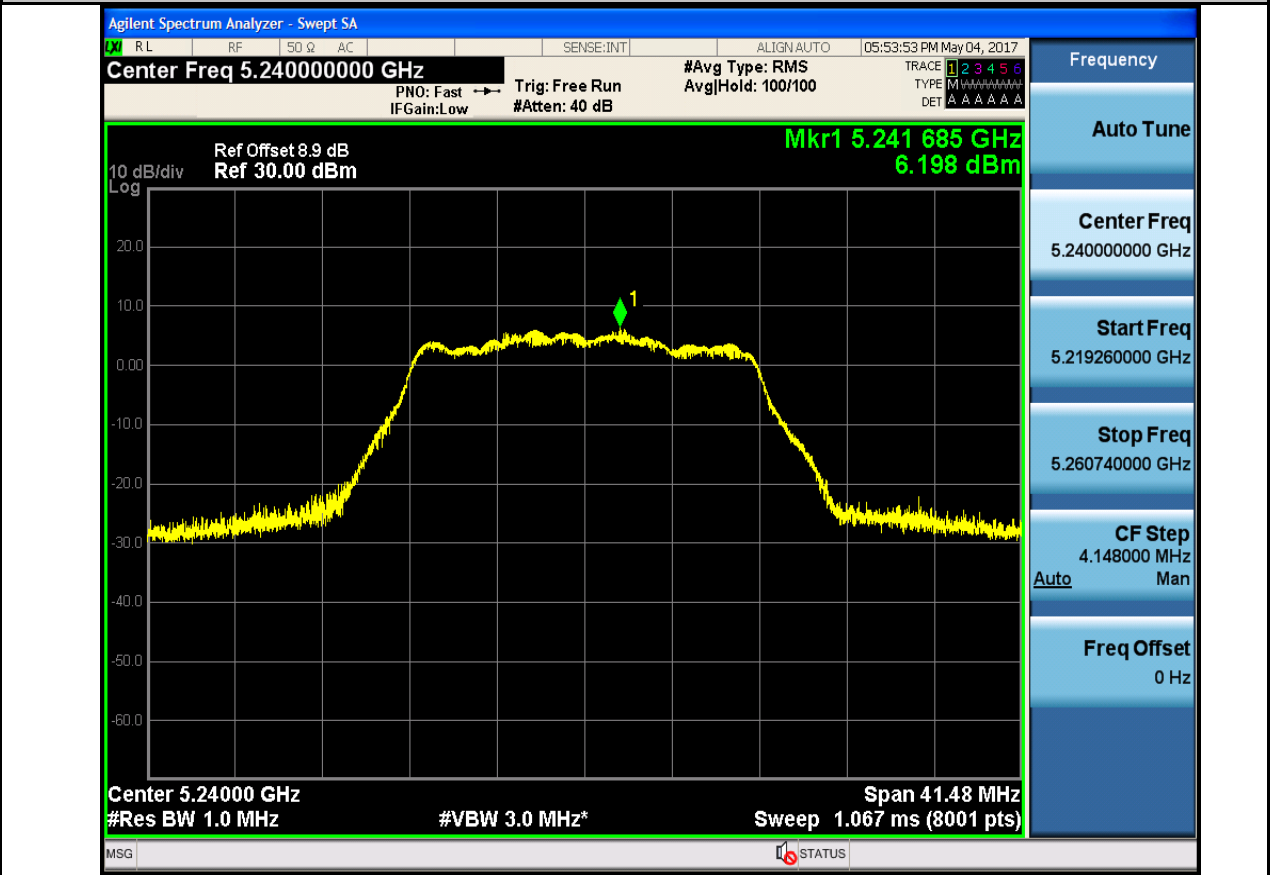
4. Maximum Power Spectral Density

Test Mode	Test Channel	Ant	Level [dBm/MHz]	10log(1/x) Factor [dB]	PSD [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	5180	Ant1	8.21	0.342340358173138	8.55	11.00	PASS
11A	5220	Ant1	6.889	0.342340358173138	7.23	11.00	PASS
11A	5240	Ant1	6.198	0.342340358173138	6.54	11.00	PASS
11N20	5180	Ant1	8.502	0.371573187987576	8.87	11.00	PASS
11N20	5220	Ant1	6.64	0.371573187987576	7.01	11.00	PASS
11N20	5240	Ant1	6.839	0.371573187987576	7.21	11.00	PASS
11N40	5190	Ant1	5.488	0.639892042847904	6.13	11.00	PASS
11N40	5230	Ant1	4.001	0.639892042847904	4.64	11.00	PASS
11AC20	5180	Ant1	6.588	0.377727686499150	6.97	11.00	PASS
11AC20	5220	Ant1	5.581	0.377727686499150	5.96	11.00	PASS
11AC20	5240	Ant1	5.936	0.377727686499150	6.31	11.00	PASS
11AC40	5190	Ant1	3.896	0.536951450065251	4.43	11.00	PASS
11AC40	5230	Ant1	2.514	0.536951450065251	3.05	11.00	PASS
11AC80	5210	Ant1	0.999	0.896958319314312	1.90	11.00	PASS

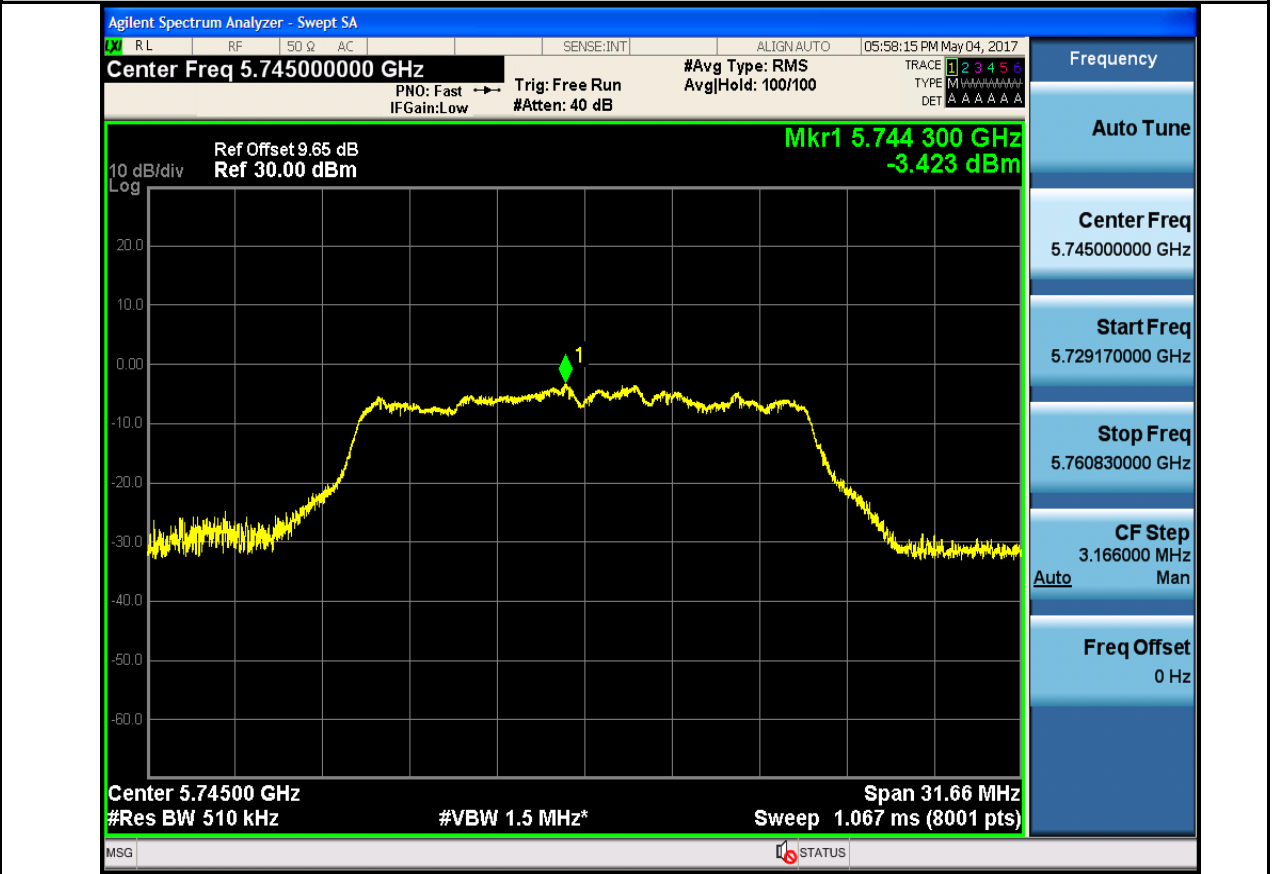
Test Mode	Test Channel	Ant	Level [dBm/500kHz]	10log(1/x) Factor[dB]	10log(500kHz/RBW) Factor [dB]	PSD [dBm/500kHz]	Limit [dBm/500kHz]	Verdict
11A	5745	Ant1	-3.423	0.342340358173138	0	-3.08	17.00	PASS
11A	5785	Ant1	-2.599	0.342340358173138	0	-2.26	17.00	PASS
11A	5825	Ant1	-3.89	0.342340358173138	0	-3.55	17.00	PASS
11N20	5745	Ant1	-3.286	0.371573187987576	0	-2.91	17.00	PASS
11N20	5785	Ant1	-2.899	0.371573187987576	0	-2.53	17.00	PASS
11N20	5825	Ant1	-3.431	0.371573187987576	0	-3.06	17.00	PASS
11N40	5755	Ant1	-3.914	0.639892042847904	0	-3.27	17.00	PASS
11N40	5795	Ant1	-2.977	0.639892042847904	0	-2.34	17.00	PASS
11AC20	5745	Ant1	-4.372	0.377727686499150	0	-3.99	17.00	PASS
11AC20	5785	Ant1	-3.317	0.377727686499150	0	-2.94	17.00	PASS
11AC20	5825	Ant1	-5.502	0.377727686499150	0	-5.12	17.00	PASS
11AC40	5755	Ant1	-5.255	0.536951450065251	0	-4.72	17.00	PASS
11AC40	5795	Ant1	-5.461	0.536951450065251	0	-4.92	17.00	PASS
11AC80	5775	Ant1	-7.805	0.896958319314312	0	-6.91	17.00	PASS



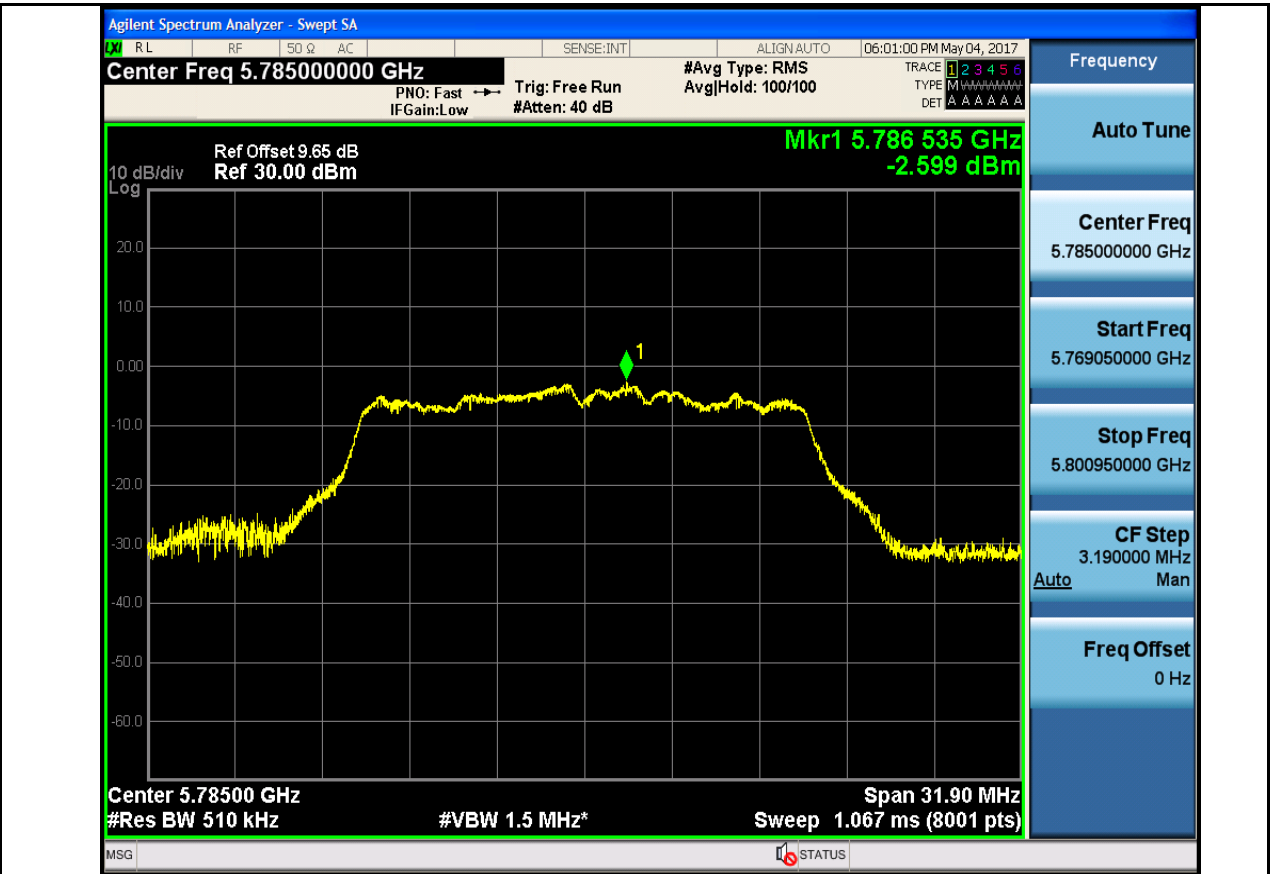
Maximum Conduct Output Power_TNVN_11A_5240_Ant1



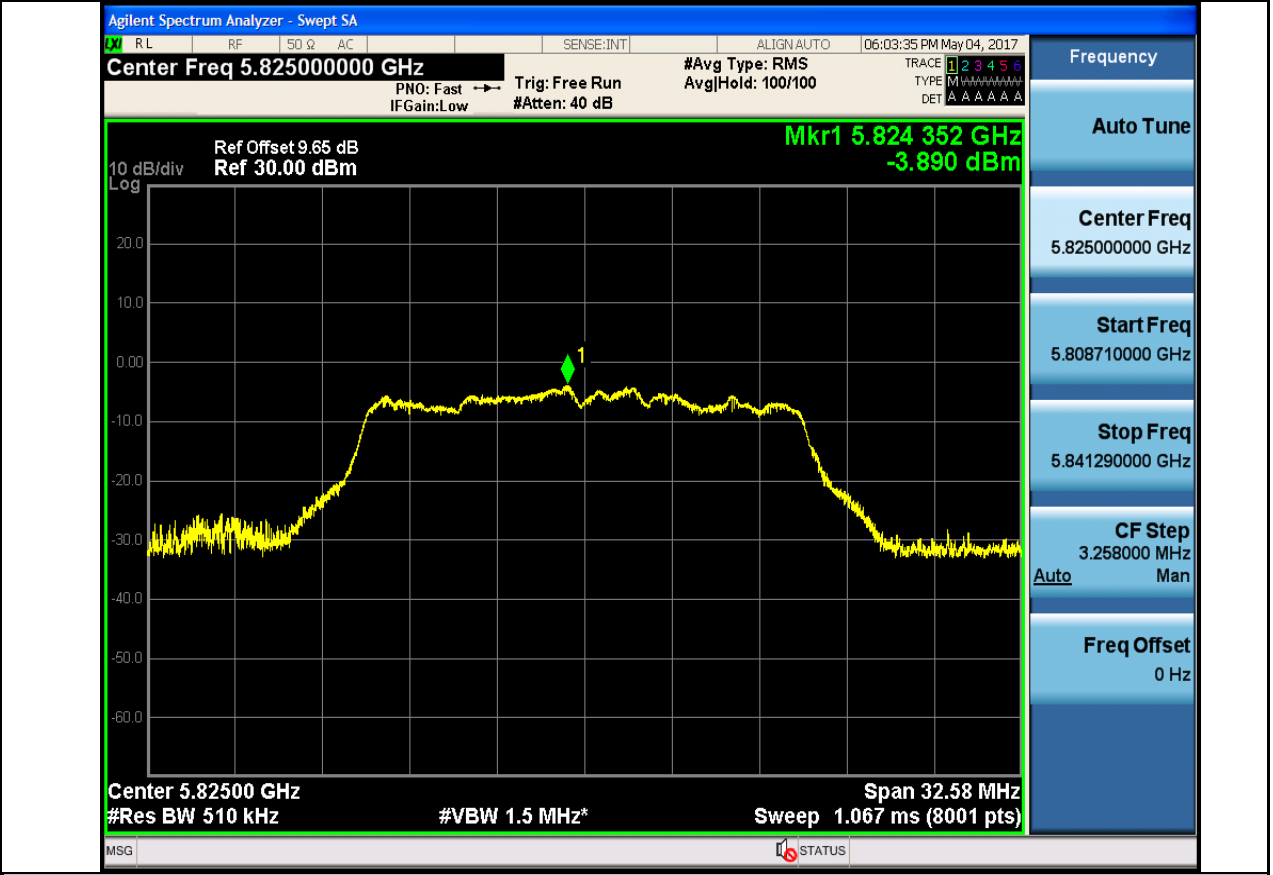
Maximum Conduct Output Power_TNVN_11A_5745_Ant1



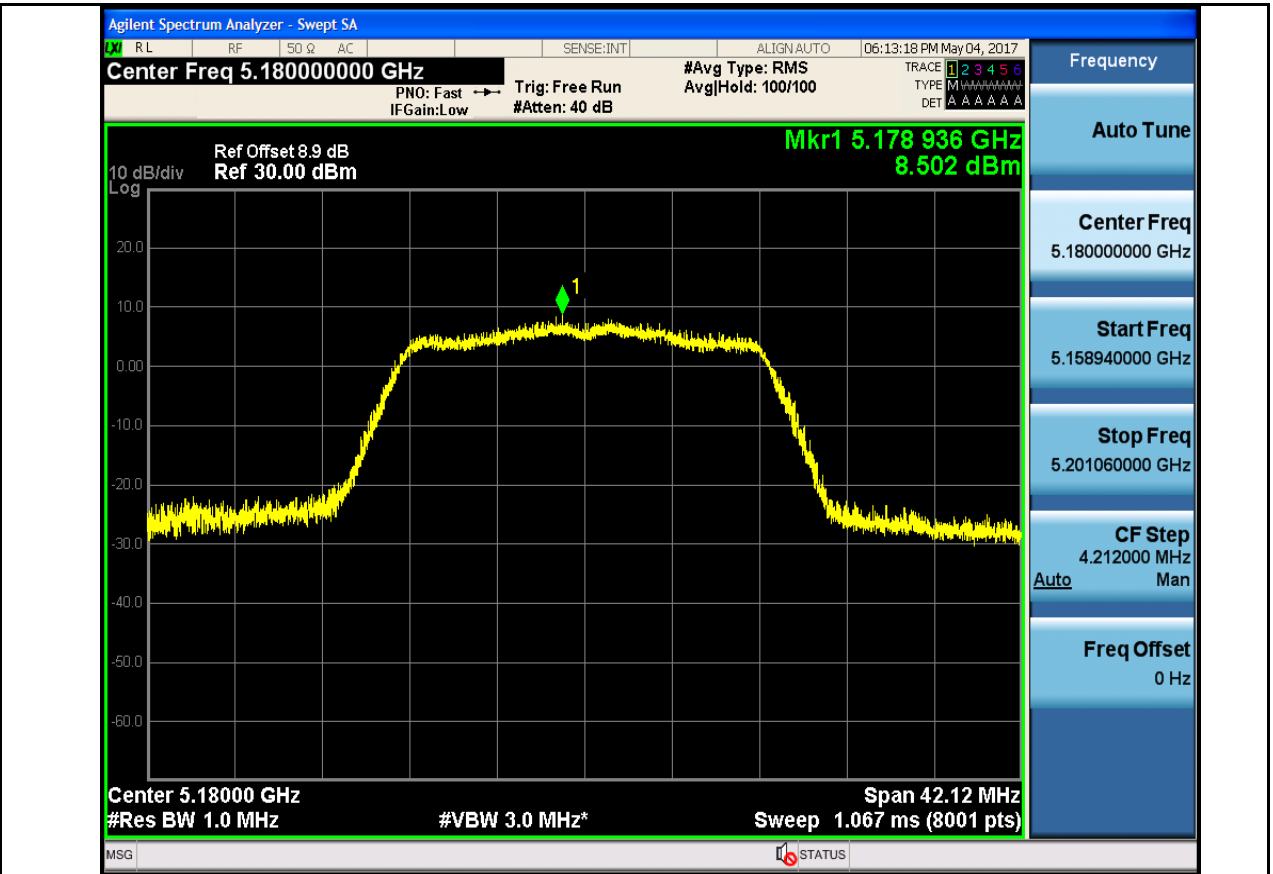
Maximum Conduct Output Power_TNVN_11A_5785_Ant1



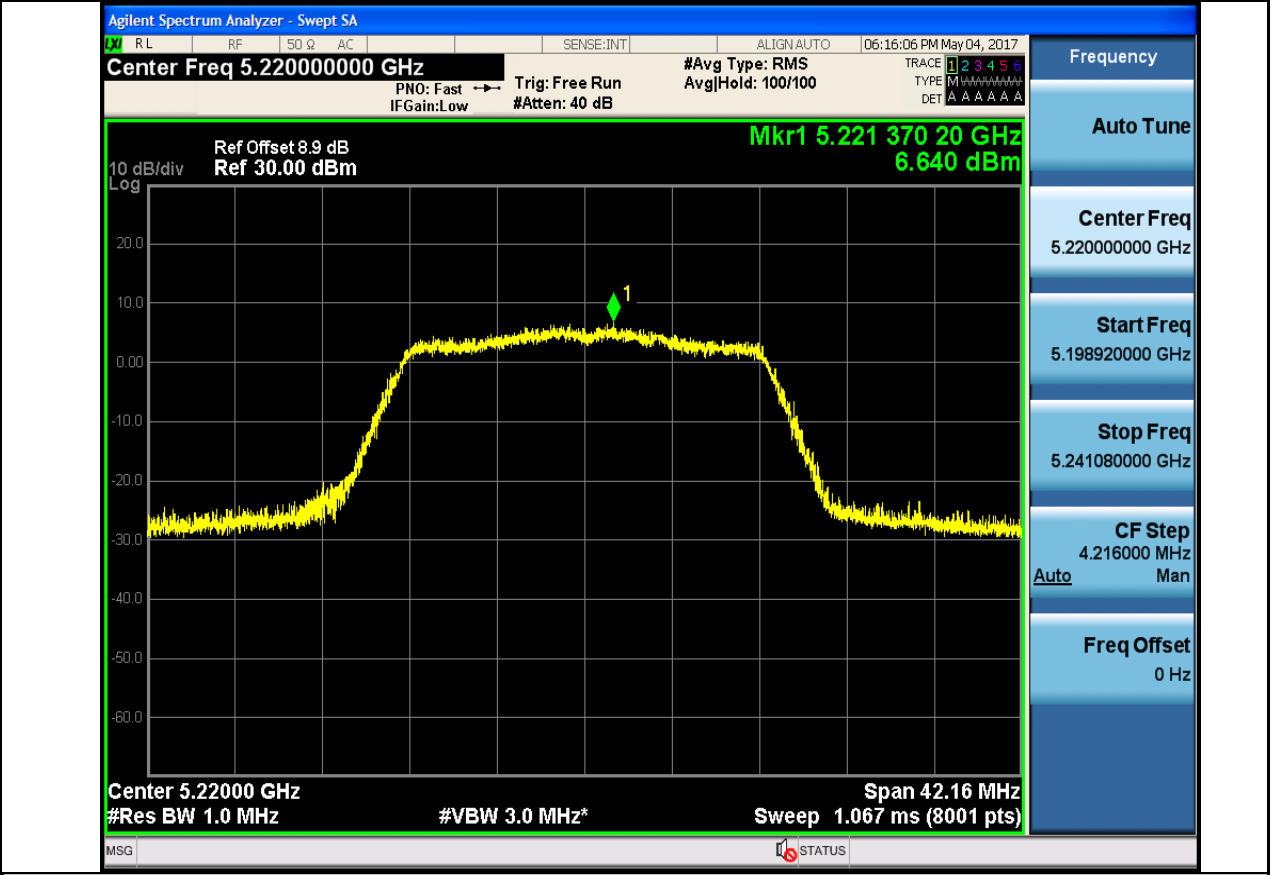
Maximum Conduct Output Power_TNVN_11A_5825_Ant1



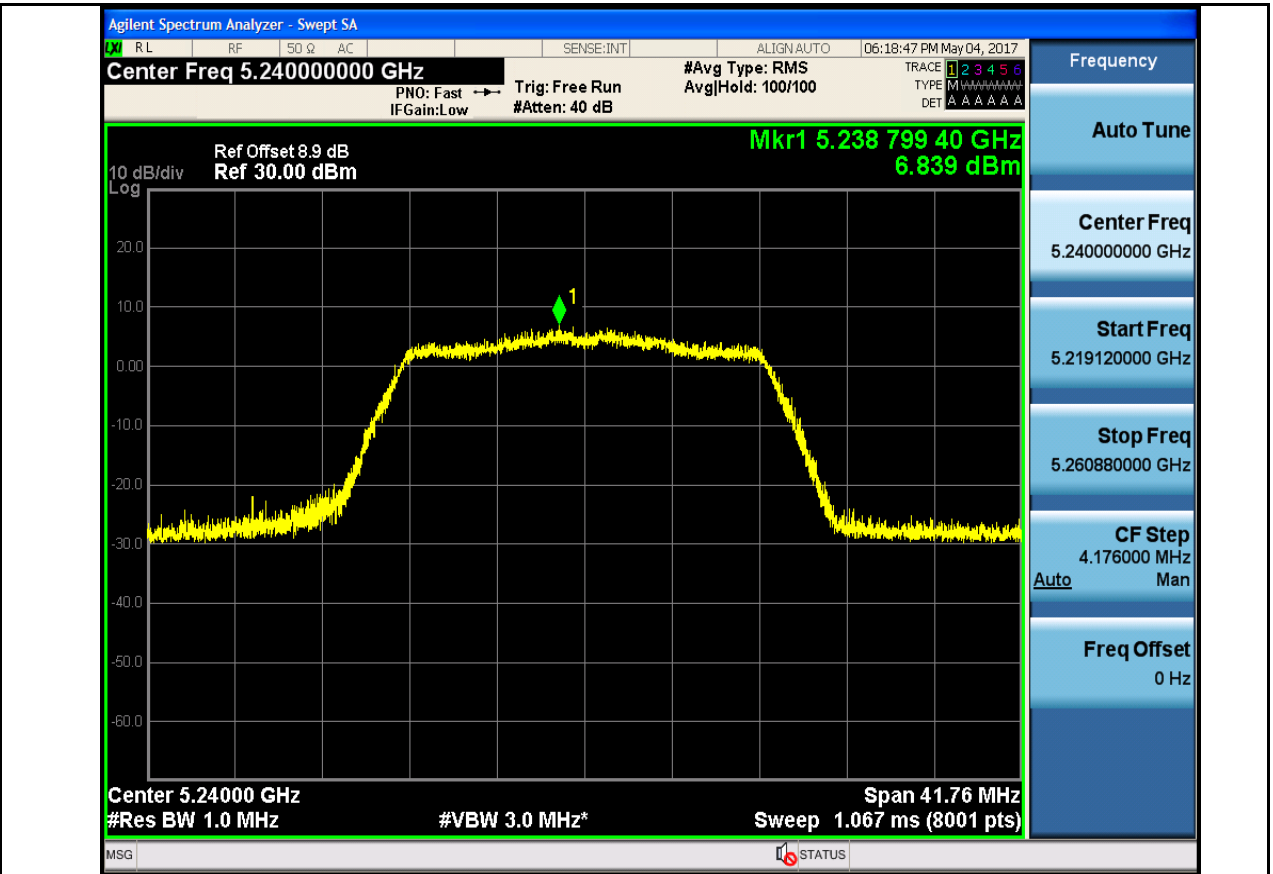
Maximum Conduct Output Power_TNVN_11N20_5180_Ant1



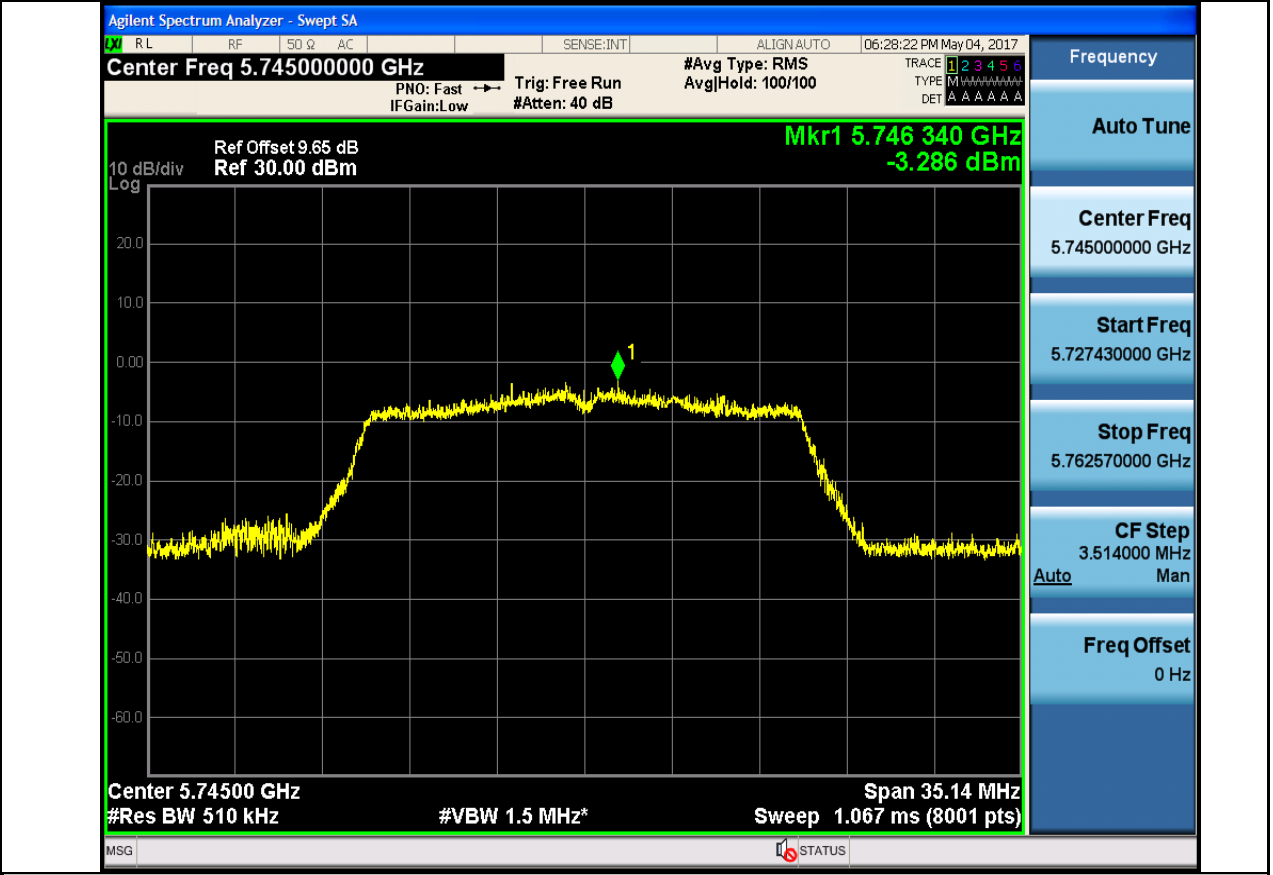
Maximum Conduct Output Power_TNVN_11N20_5220_Ant1



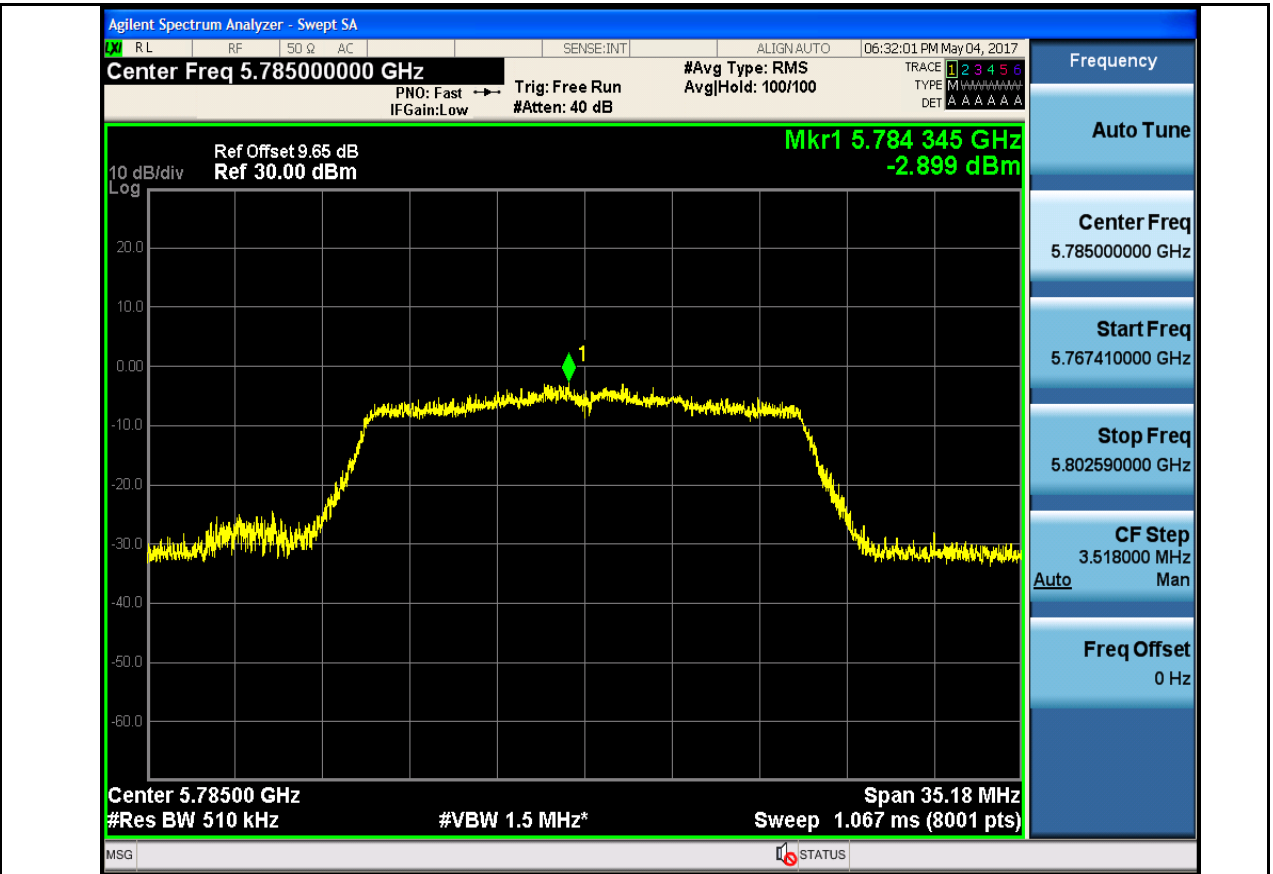
Maximum Conduct Output Power_TNVN_11N20_5240_Ant1



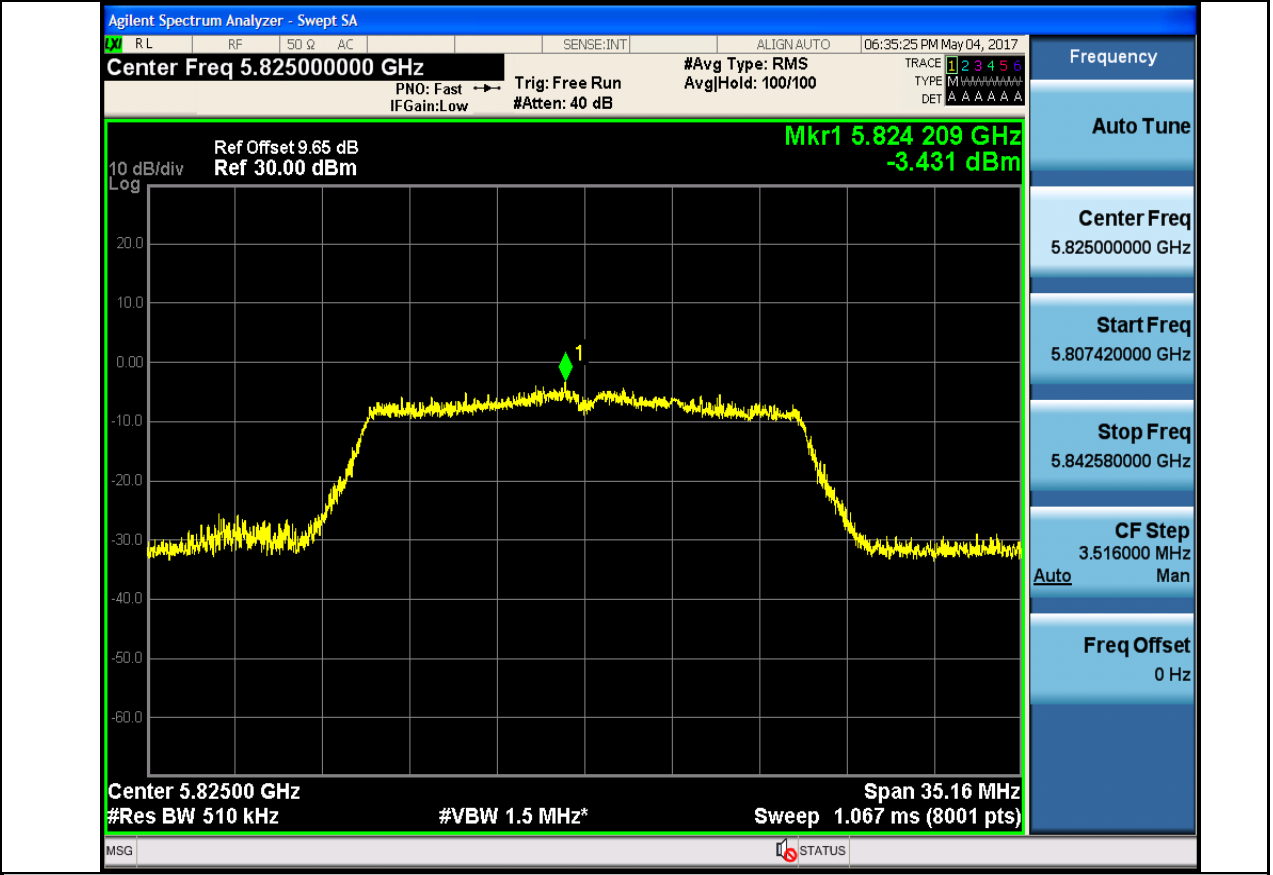
Maximum Conduct Output Power_TNVN_11N20_5745_Ant1



Maximum Conduct Output Power_TNVN_11N20_5785_Ant1



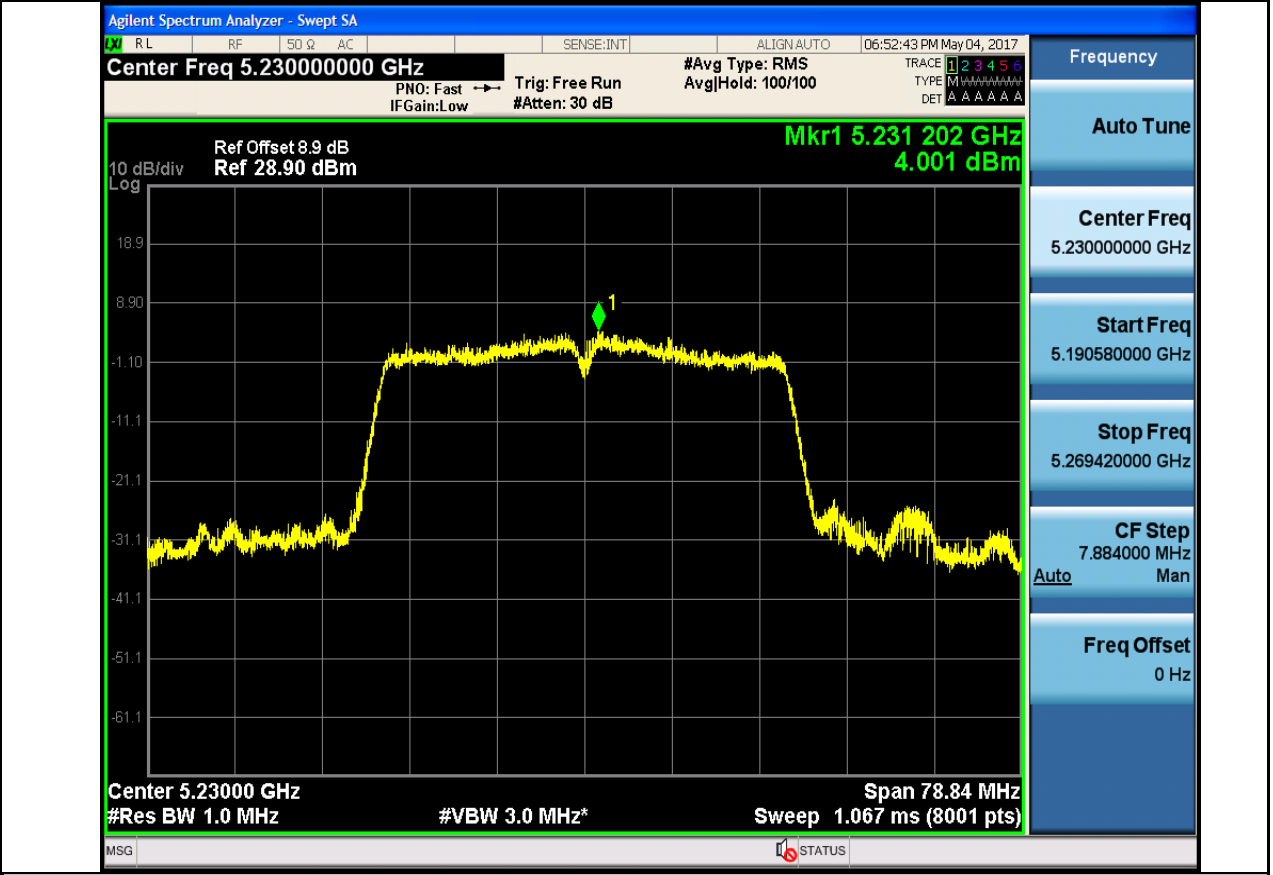
Maximum Conduct Output Power_TNVN_11N20_5825_Ant1



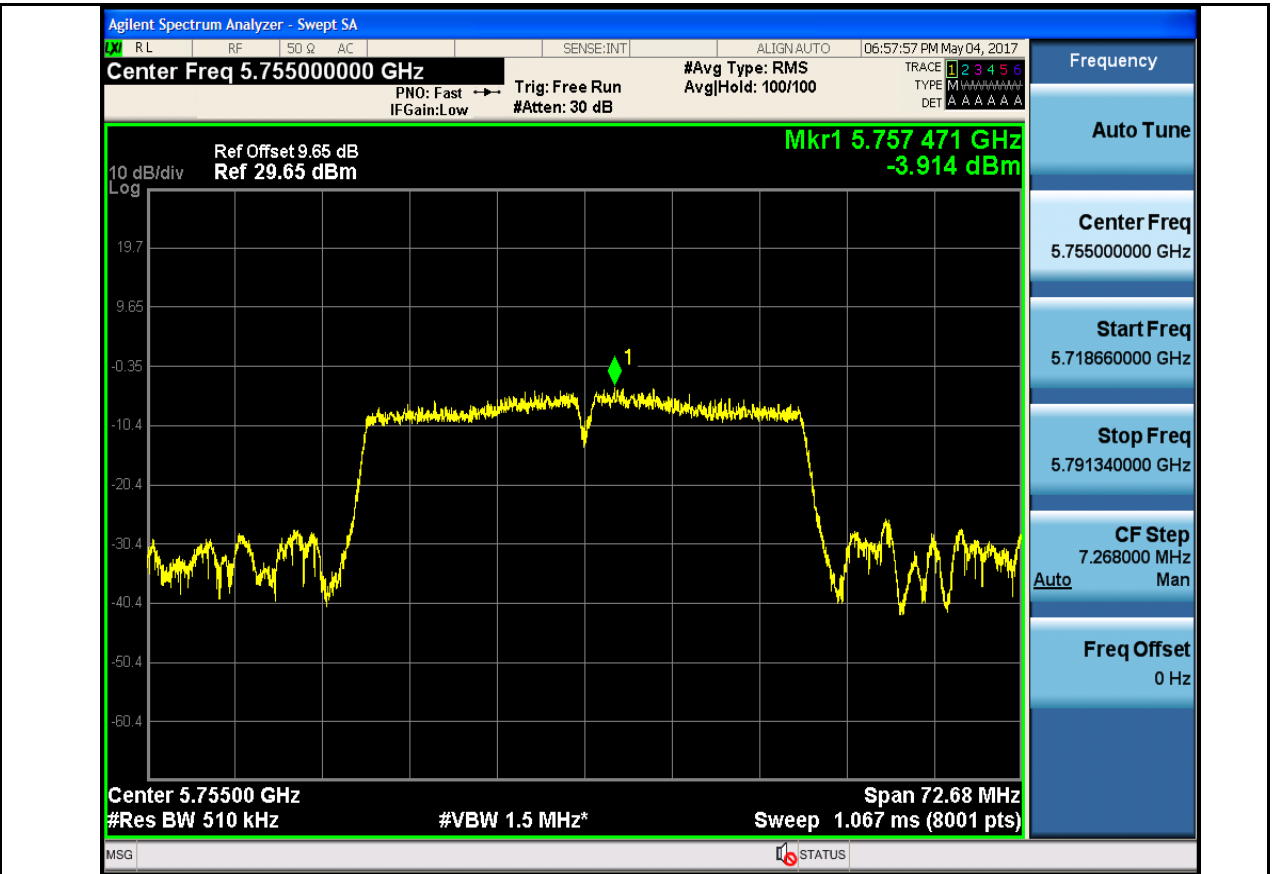
Maximum Conduct Output Power_TNVN_11N40_5190_Ant1



Maximum Conduct Output Power_TNVN_11N40_5230_Ant1



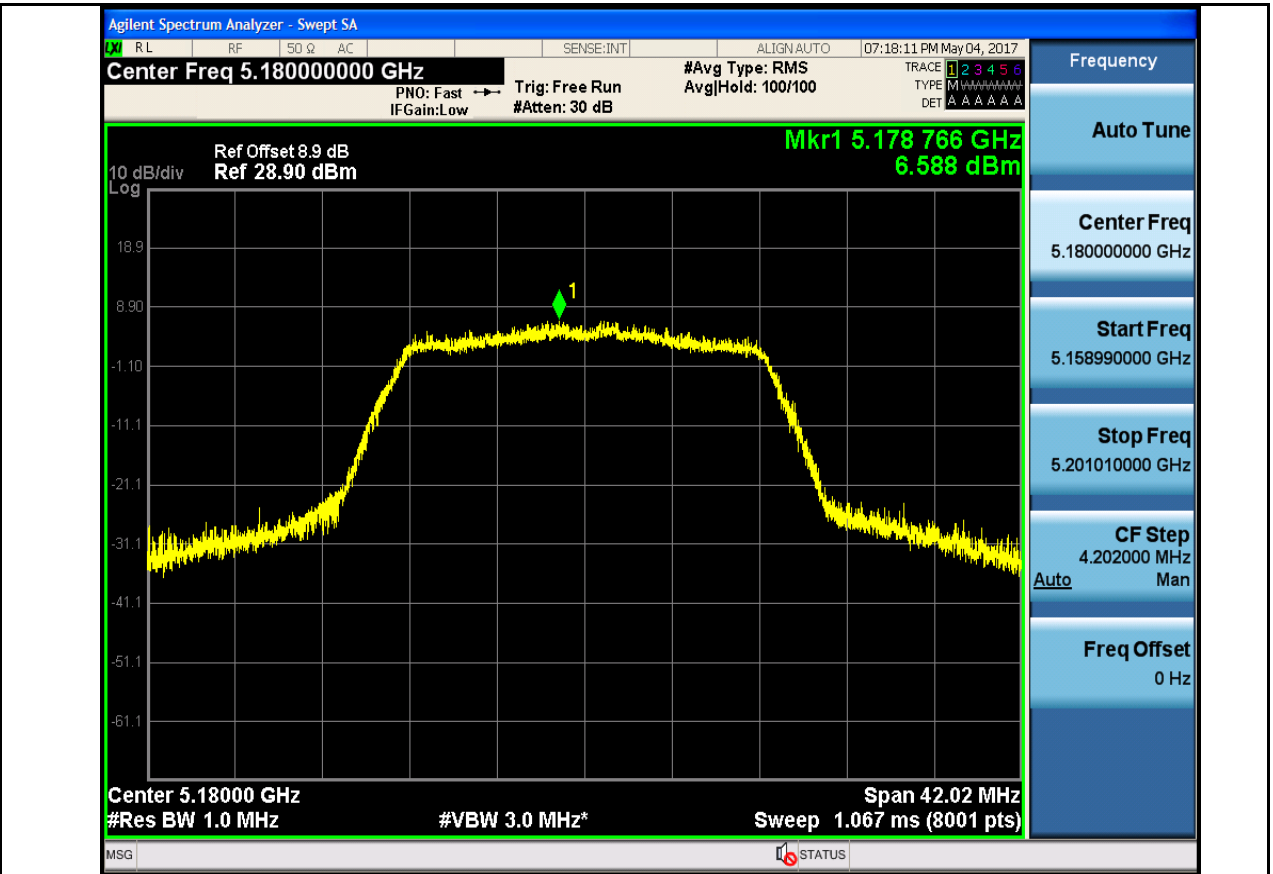
Maximum Conduct Output Power_TNVN_11N40_5755_Ant1



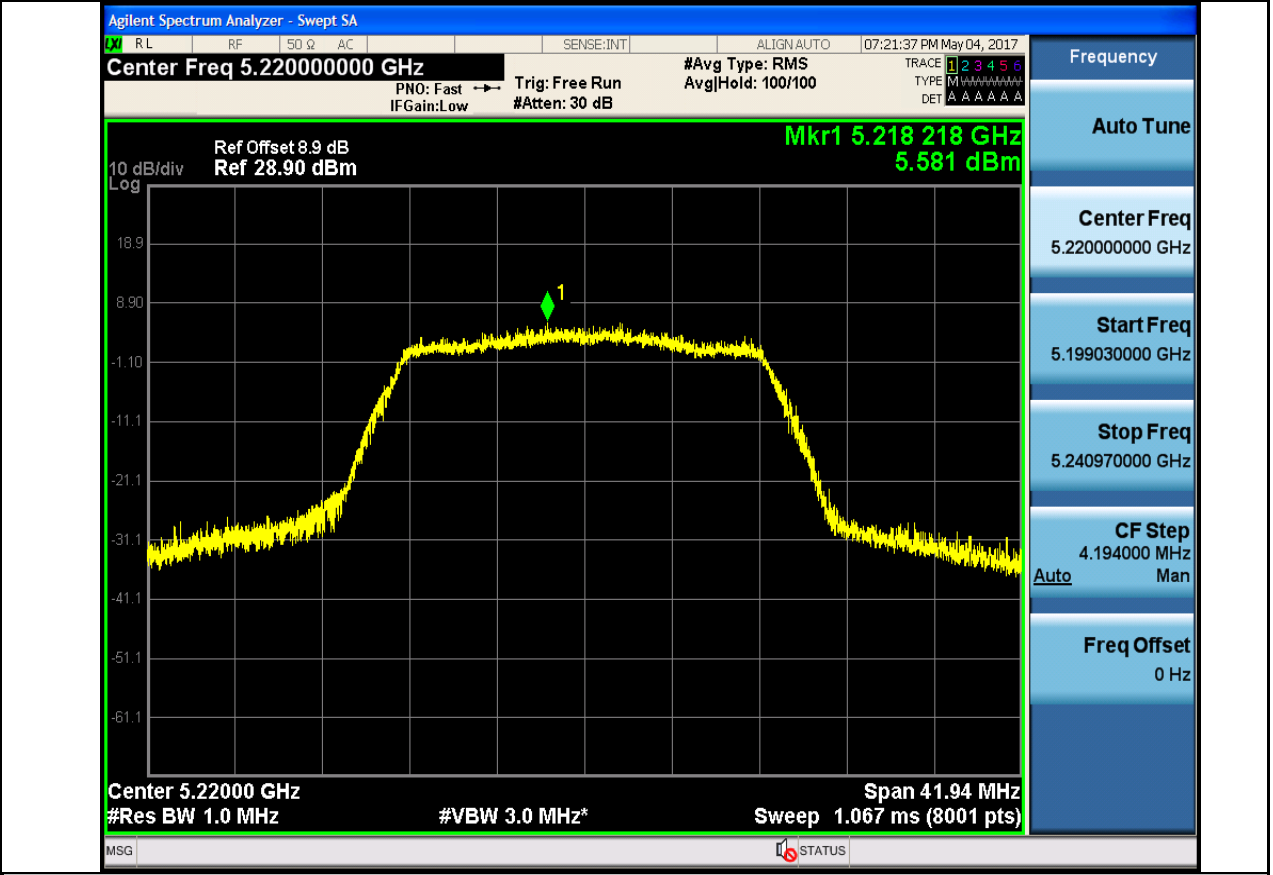
Maximum Conduct Output Power_TNVN_11N40_5795_Ant1



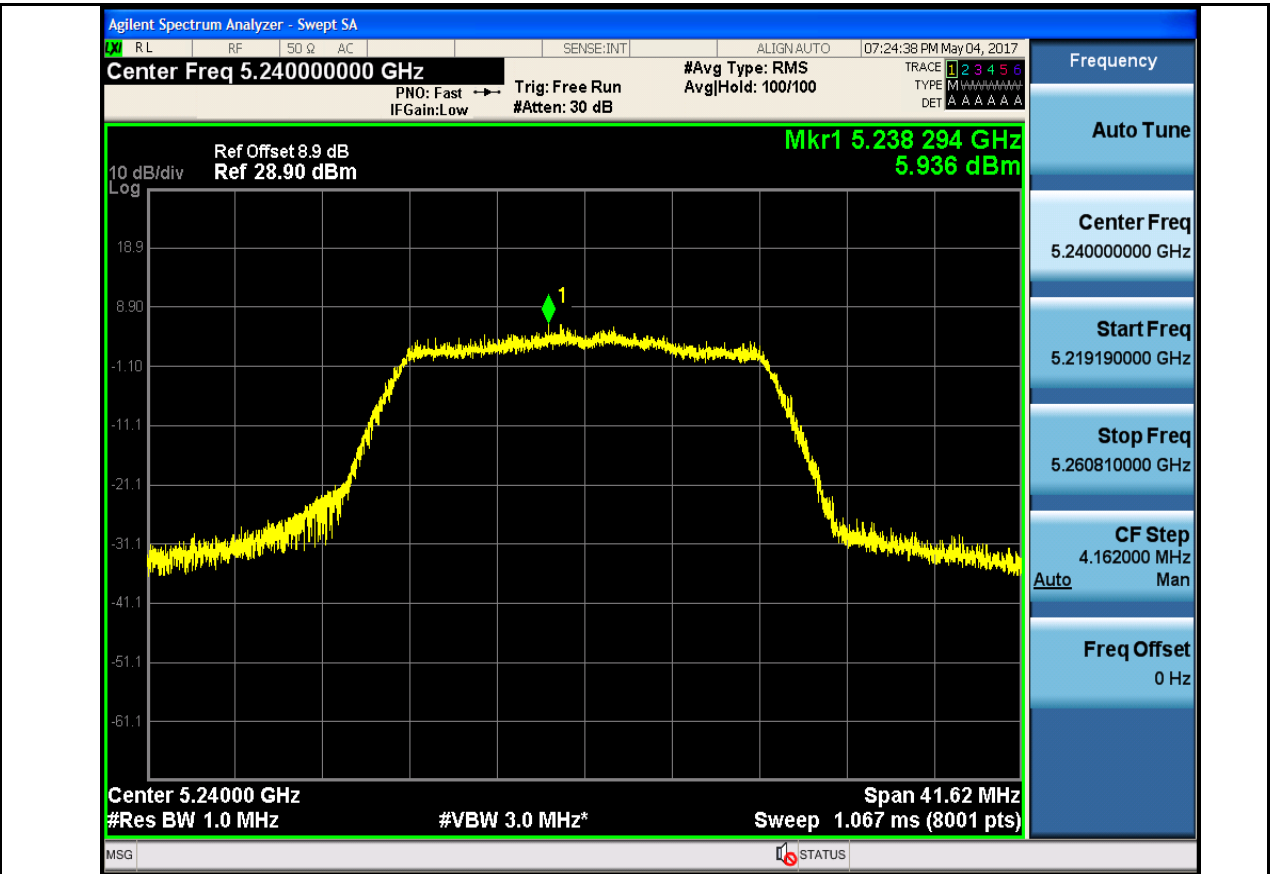
Maximum Conduct Output Power_TNVN_11AC20_5180_Ant1



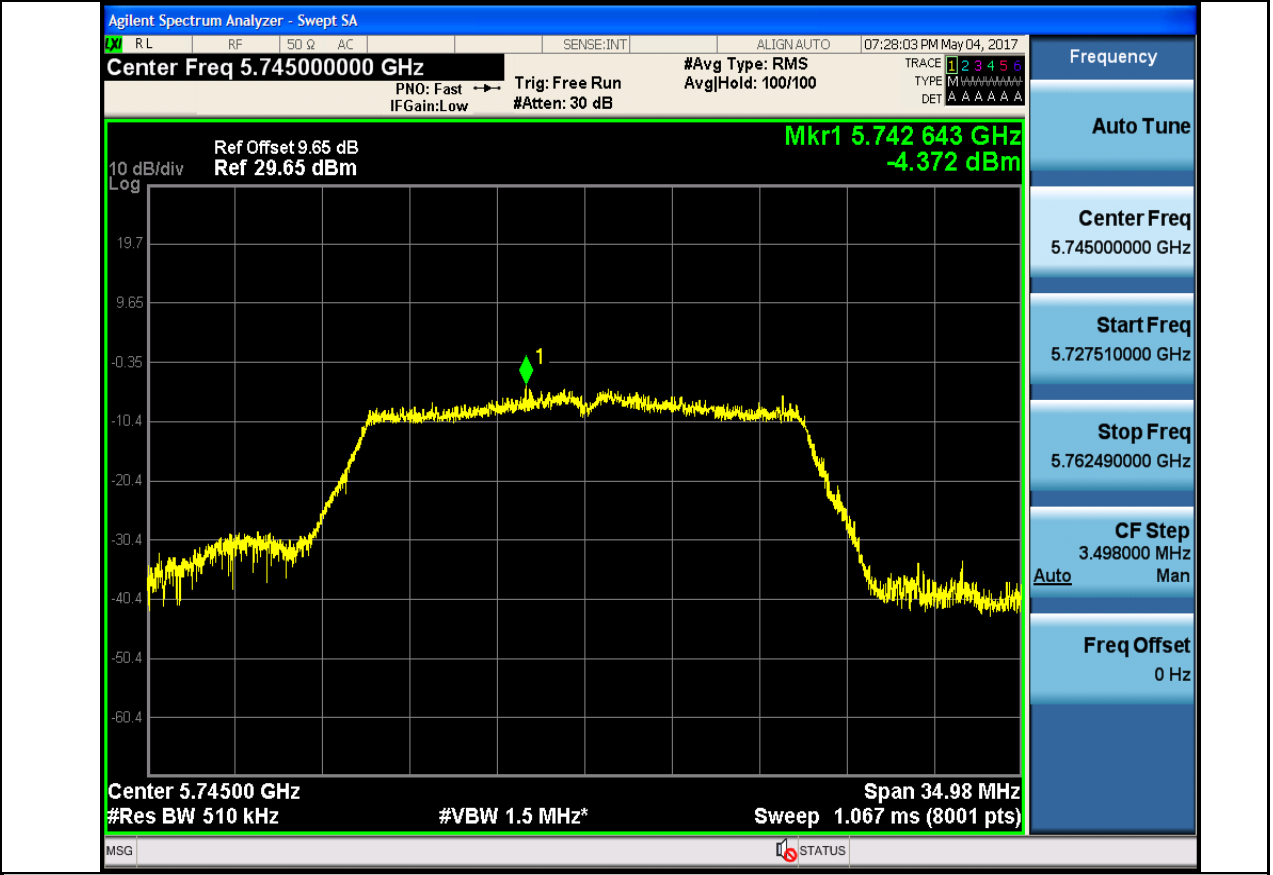
Maximum Conduct Output Power_TNVN_11AC20_5220_Ant1



Maximum Conduct Output Power_TNVN_11AC20_5240_Ant1



Maximum Conduct Output Power_TNVN_11AC20_5745_Ant1



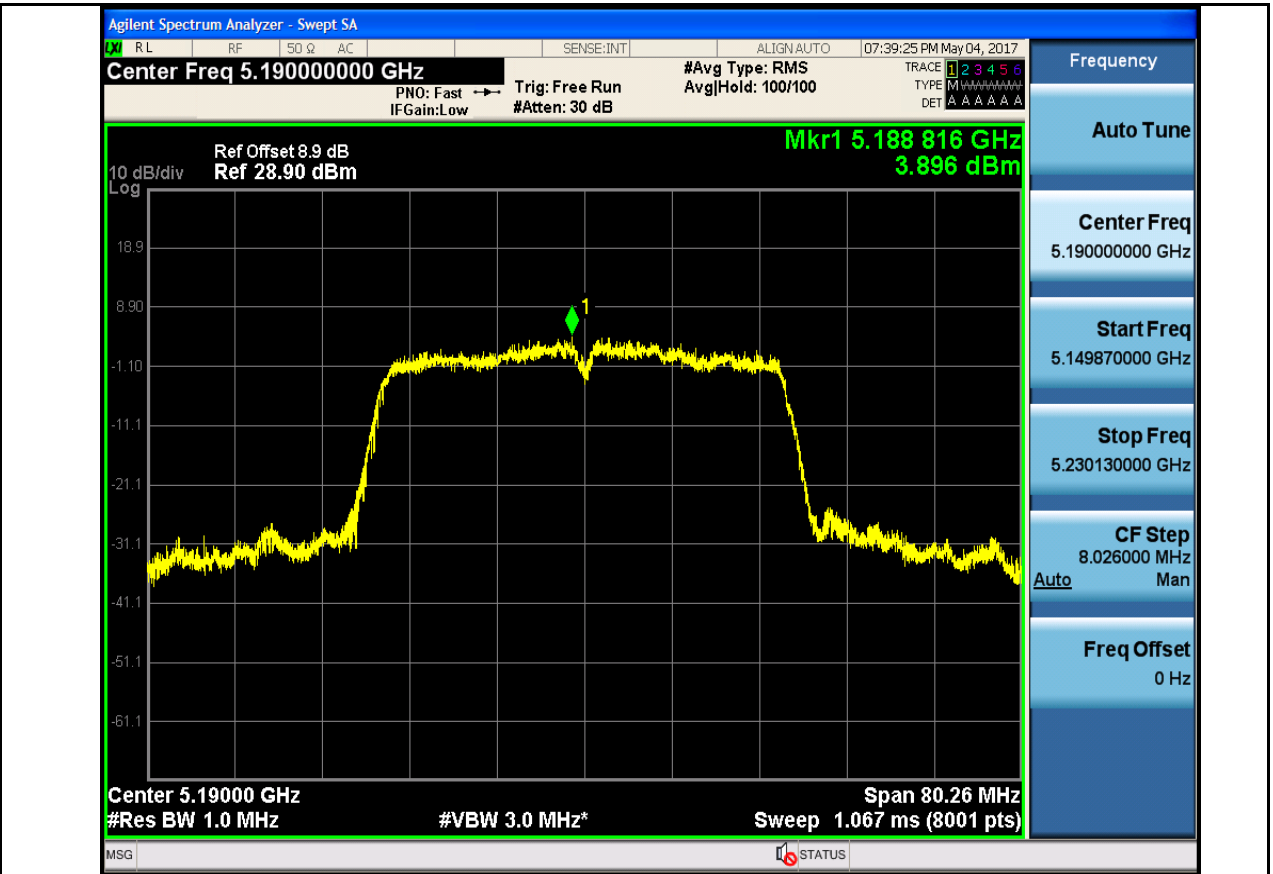
Maximum Conduct Output Power_TNVN_11AC20_5785_Ant1



Maximum Conduct Output Power_TNVN_11AC20_5825_Ant1



Maximum Conduct Output Power_TNVN_11AC40_5190_Ant1



Maximum Conduct Output Power_TNVN_11AC40_5230_Ant1



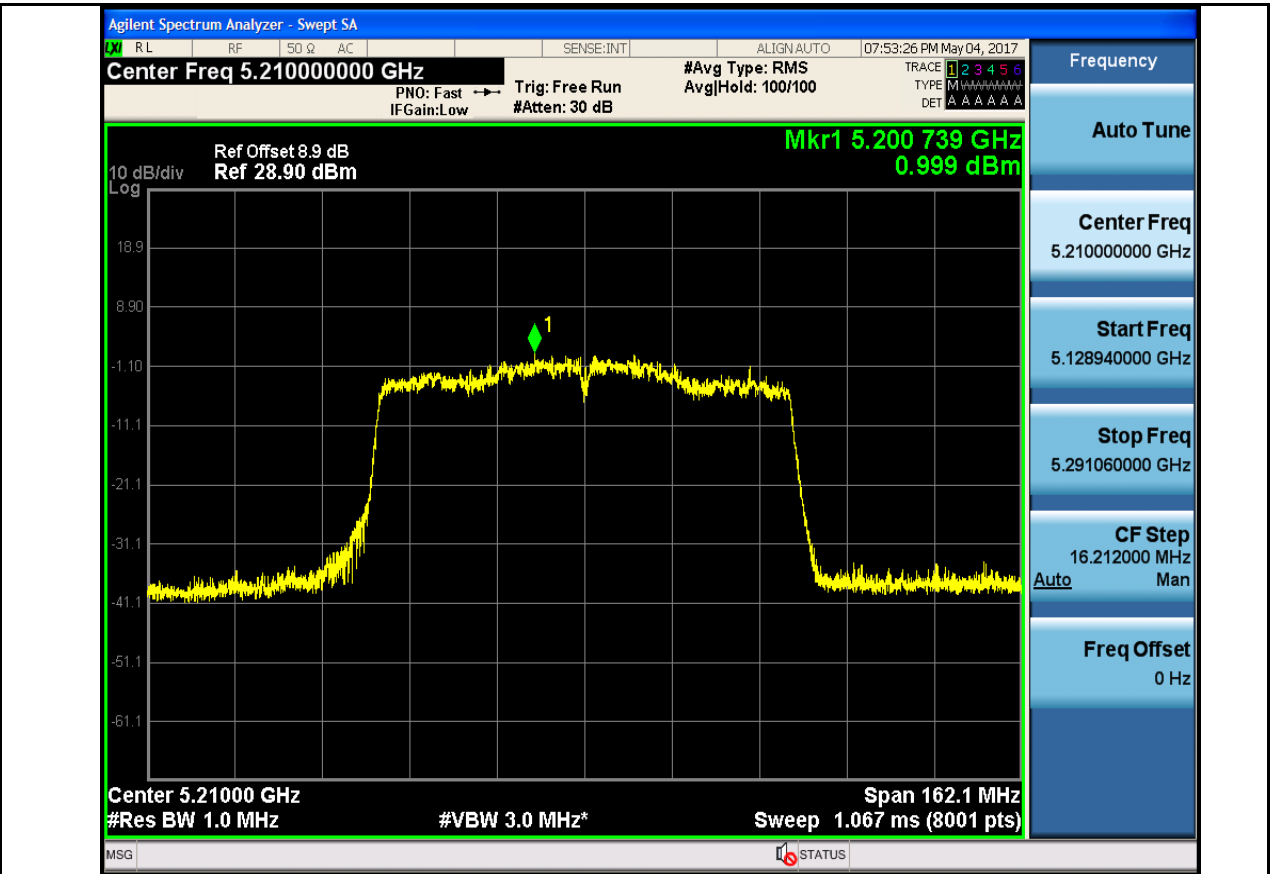
Maximum Conduct Output Power_TNVN_11AC40_5755_Ant1



Maximum Conduct Output Power_TNVN_11AC40_5795_Ant1



Maximum Conduct Output Power_TNVN_11AC80_5210_Ant1



Maximum Conduct Output Power_TNVN_11AC80_5775_Ant1

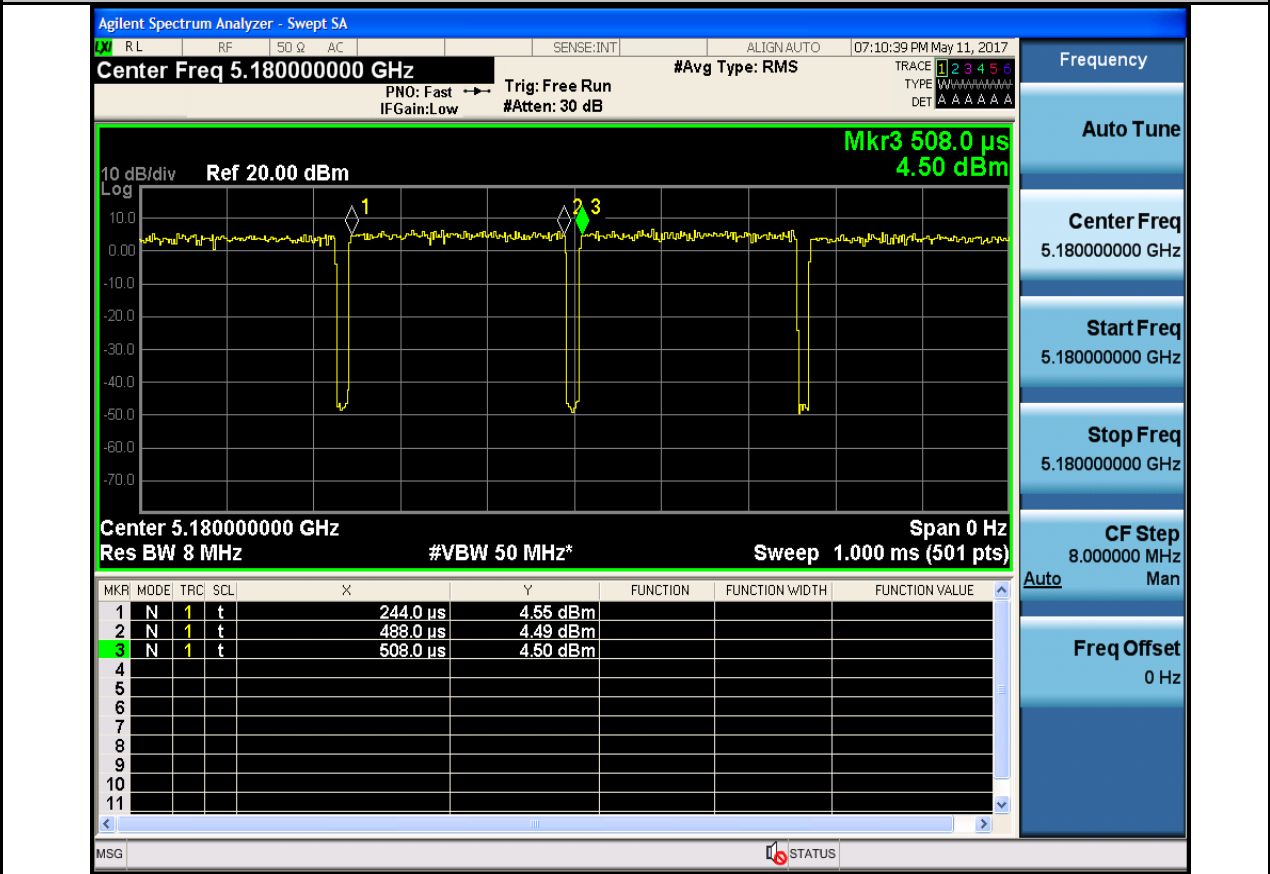


7. Duty Cycle (x)

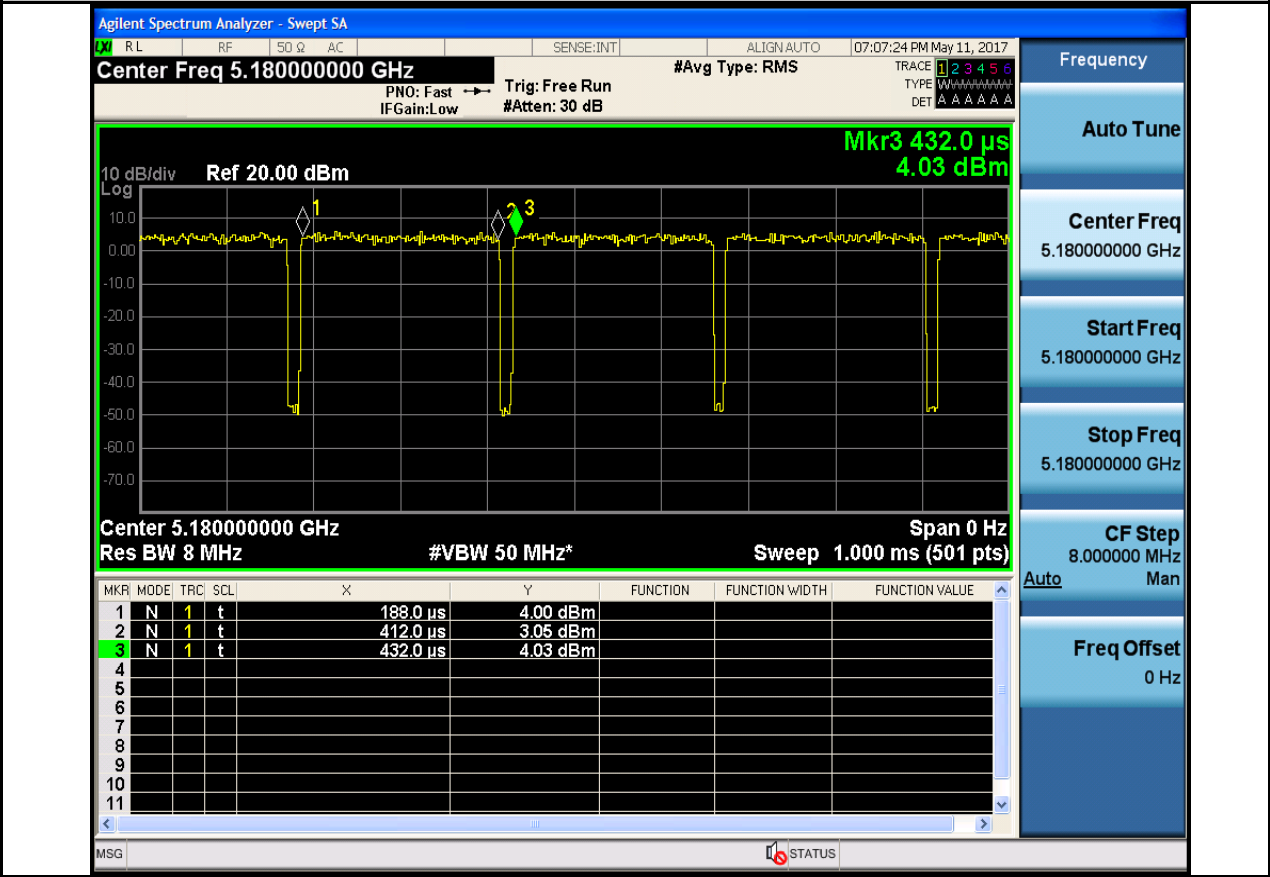
Test Mode	Test Channel	Ant	Duty Cycle[%]	10log(1/x) Factor[dB]
11A	5180	Ant1	92.42	0.342340358173138
11N20	5180	Ant1	91.8	0.371573187987576
11N40	5190	Ant1	86.3	0.639892042847904
11AC20	5180	Ant1	91.67	0.37772768649915
11AC40	5190	Ant1	88.37	0.536951450065251
11AC80	5210	Ant1	81.34	0.896958319314312

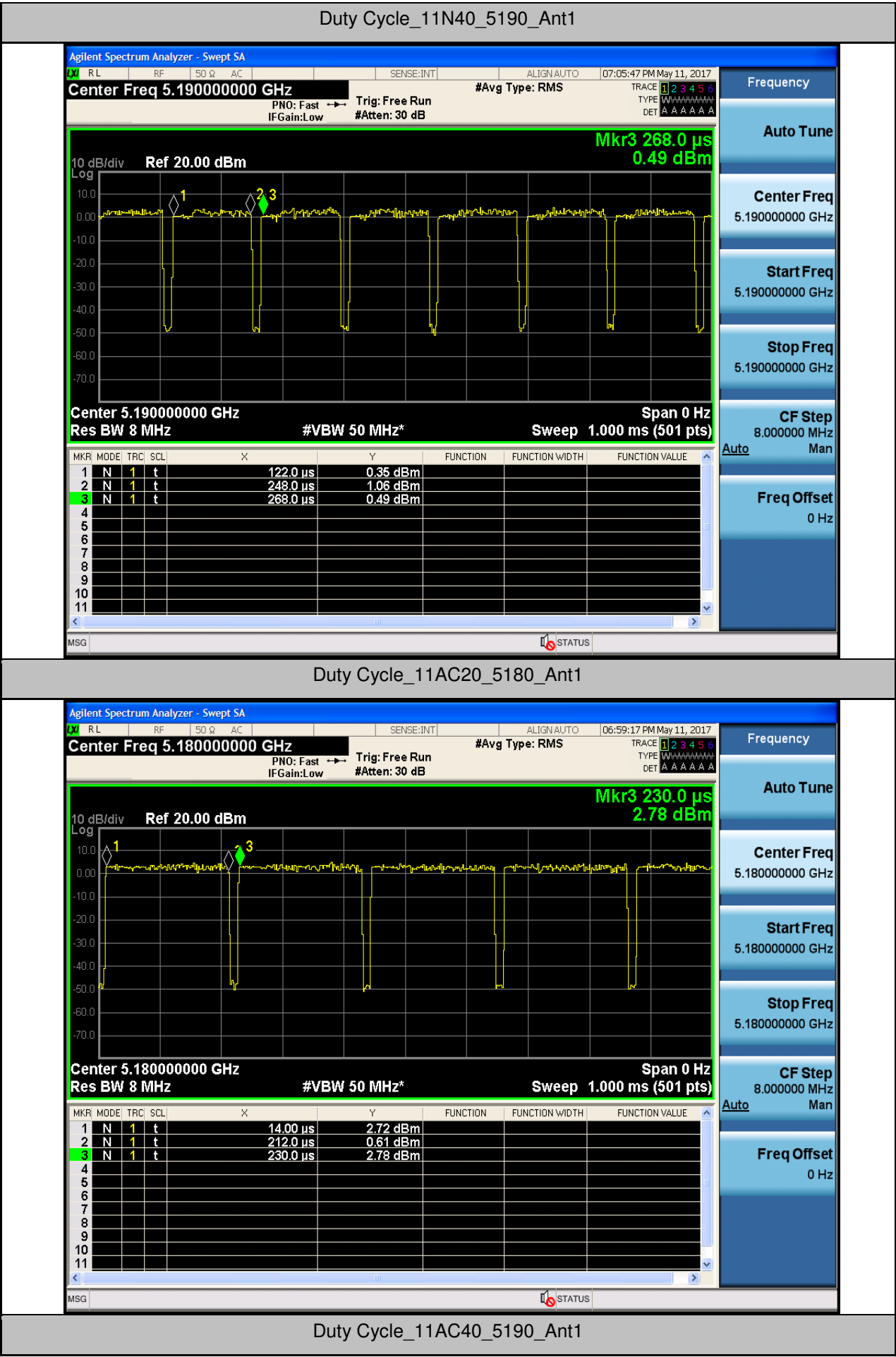
TEST PLOT

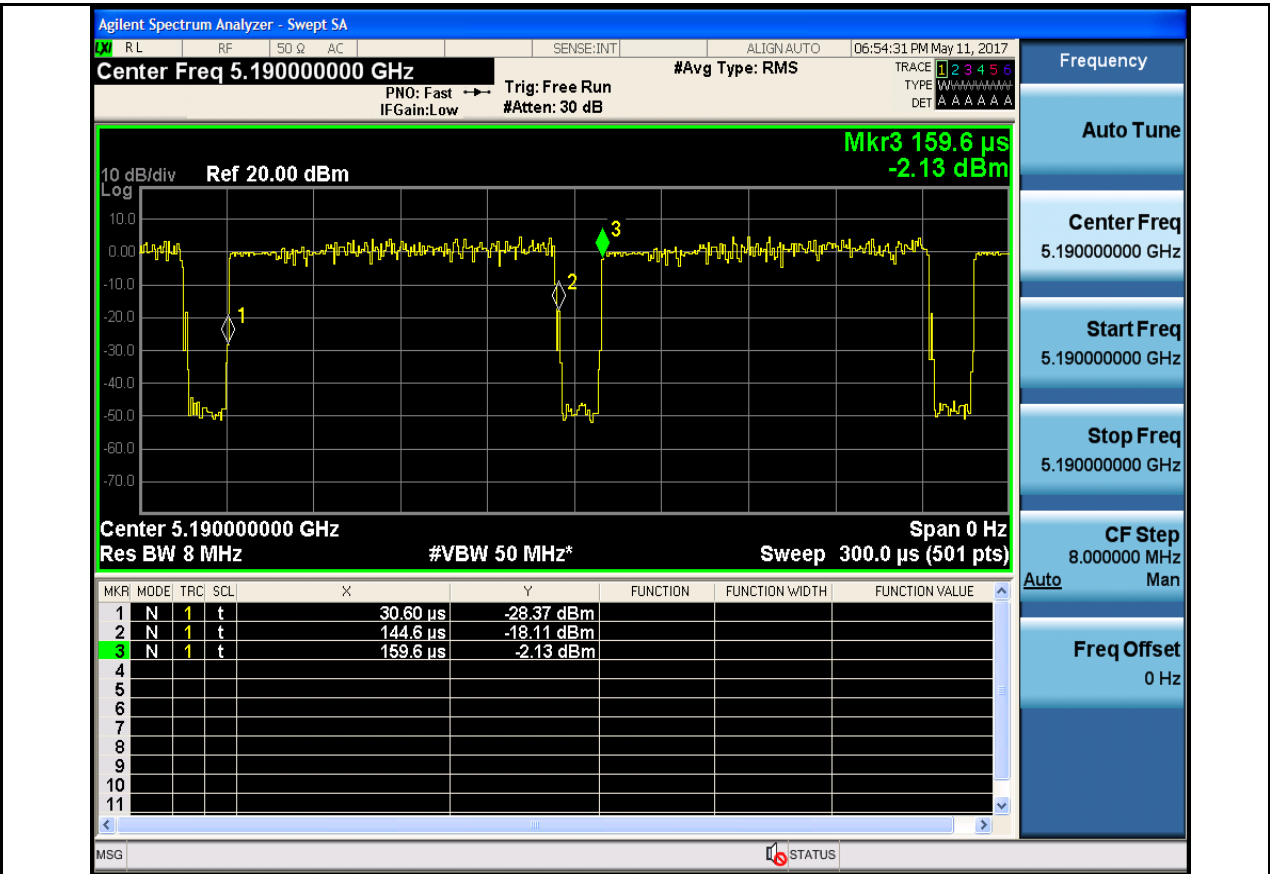
Duty Cycle_11A_5180_Ant1



Duty Cycle_11N20_5180_Ant1







Duty Cycle_11AC80_5210_Ant1

