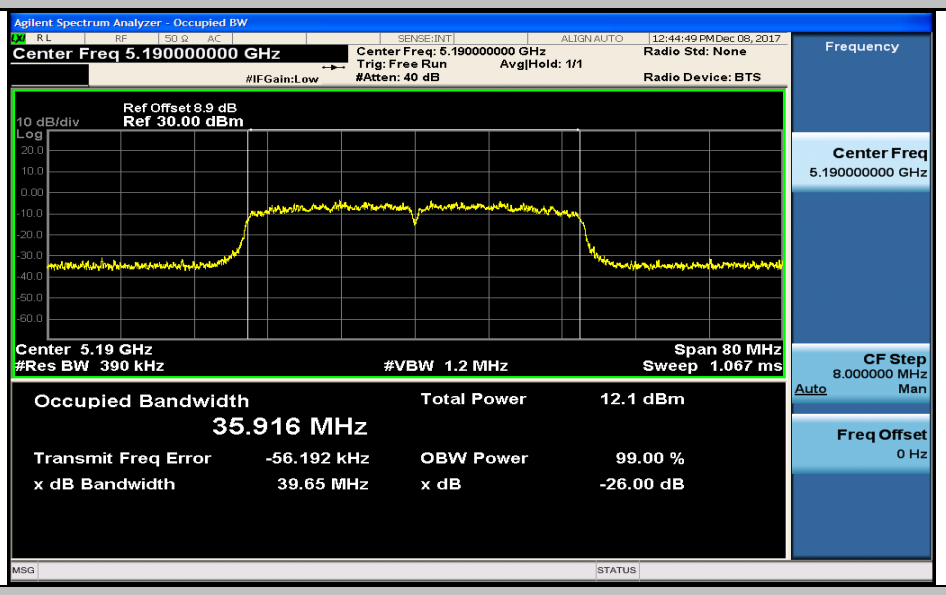
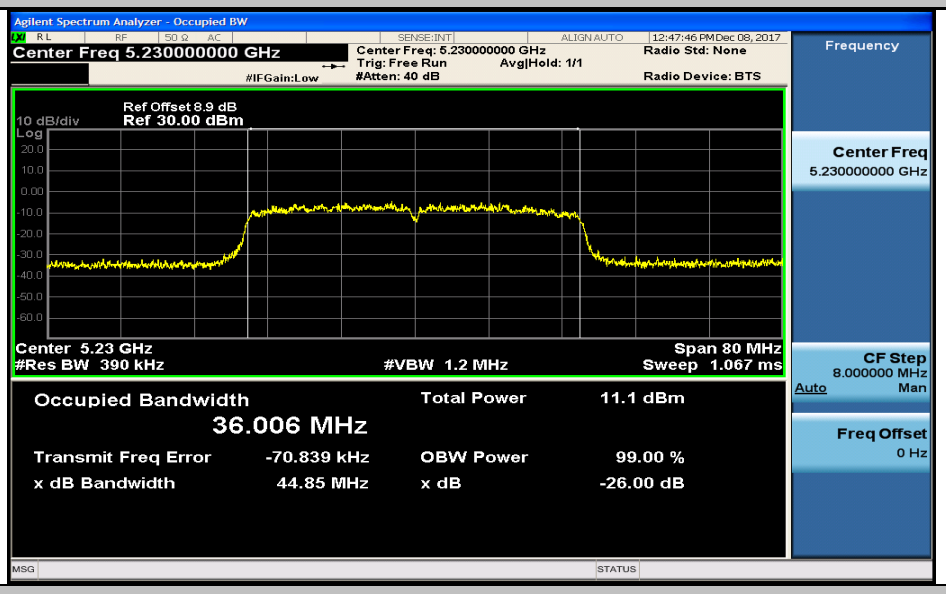
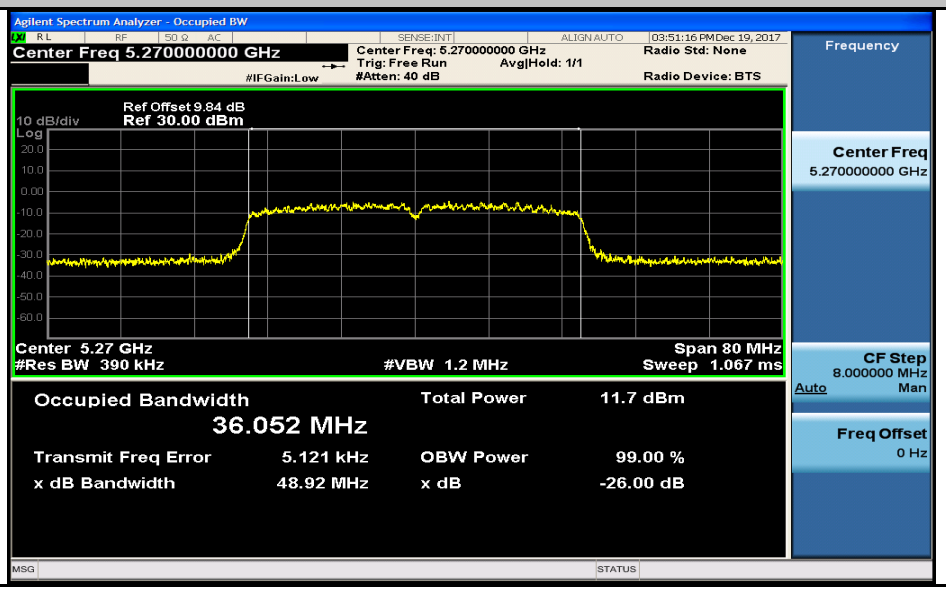
Occupied Bandwidth Measurement_11AC40_5190_Ant1



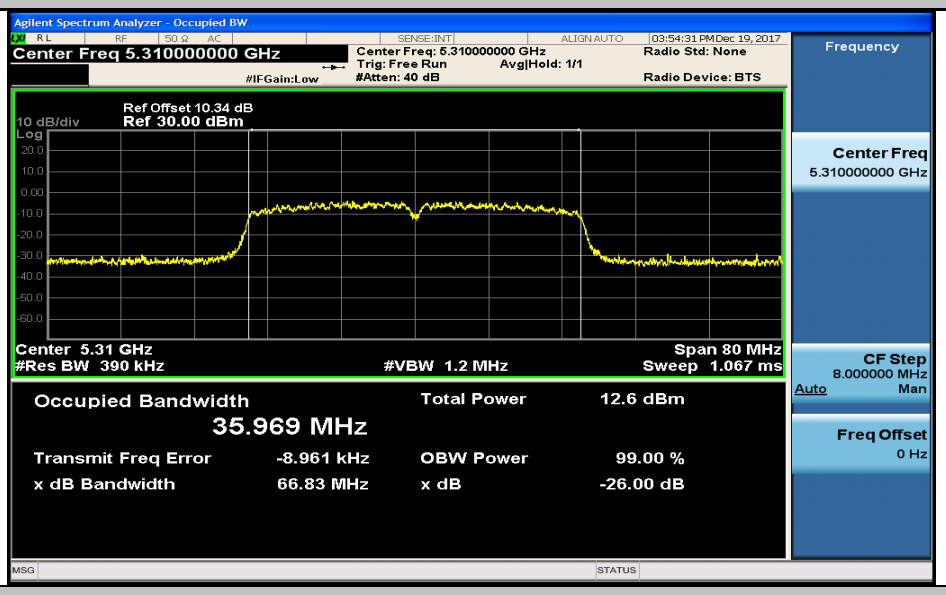
Occupied Bandwidth Measurement_11AC40_5230_Ant1



Occupied Bandwidth Measurement_11AC40_5270_Ant1



Occupied Bandwidth Measurement_11AC40_5310_Ant1



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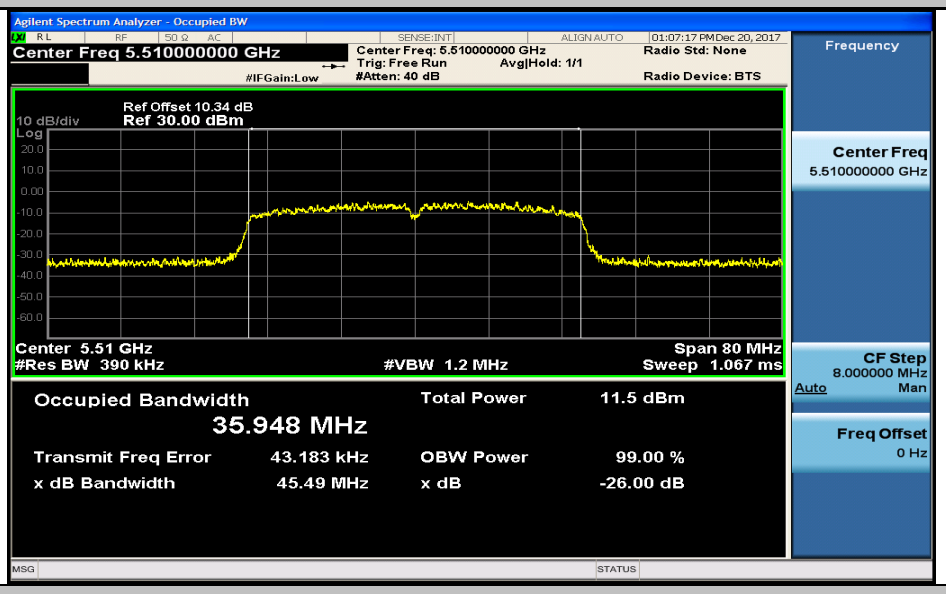

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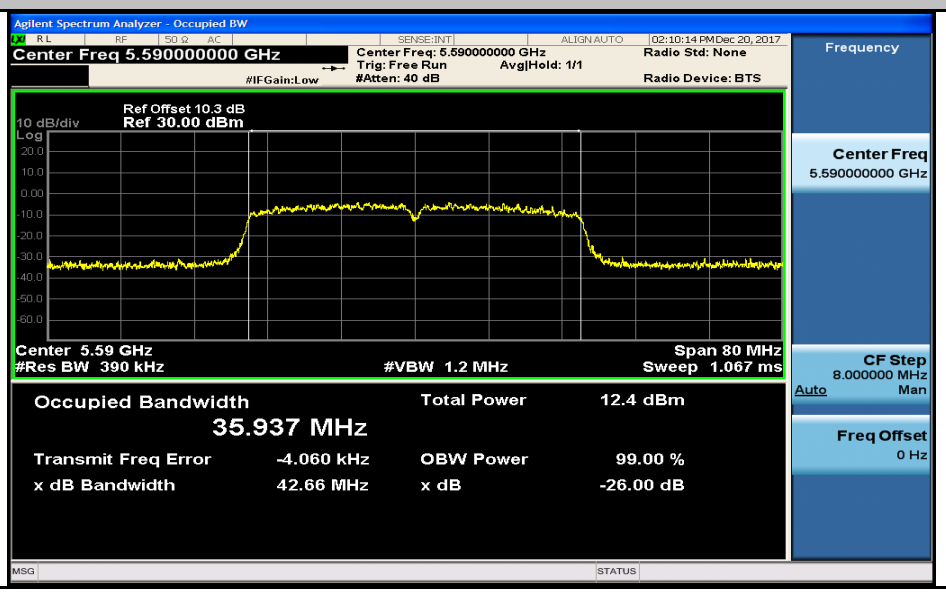
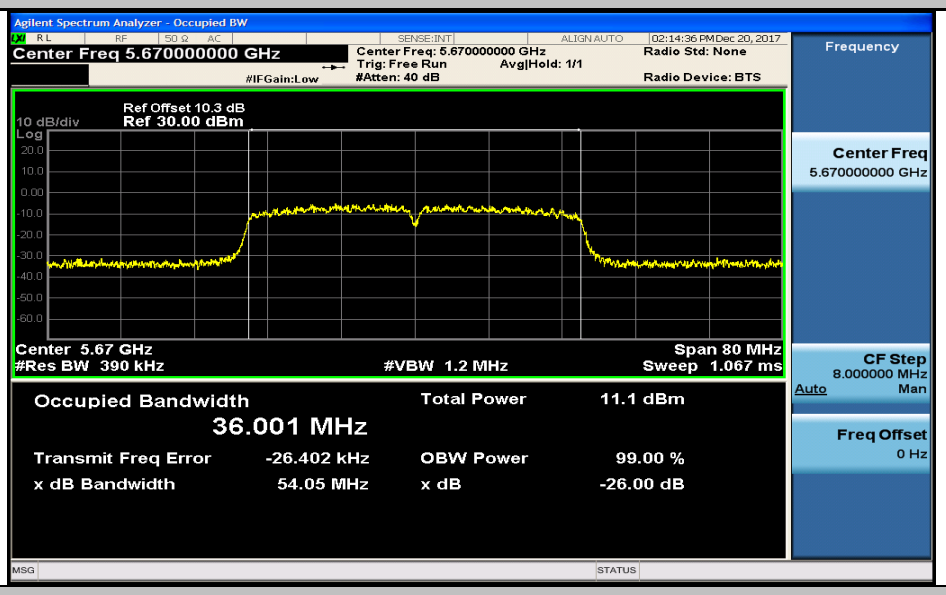
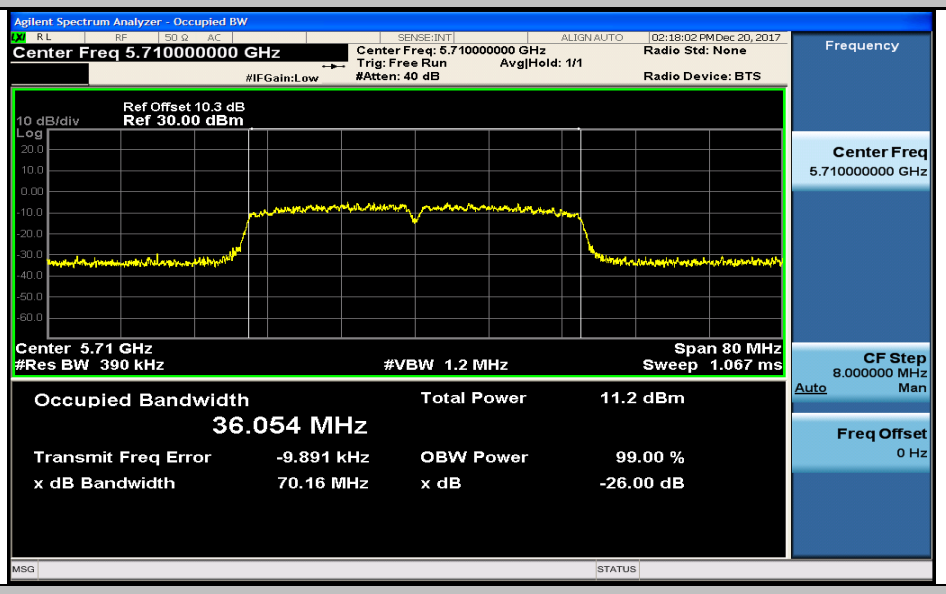


Occupied Bandwidth Measurement_11AC40_5670_Ant1



Occupied Bandwidth Measurement_11AC40_5710_Ant1



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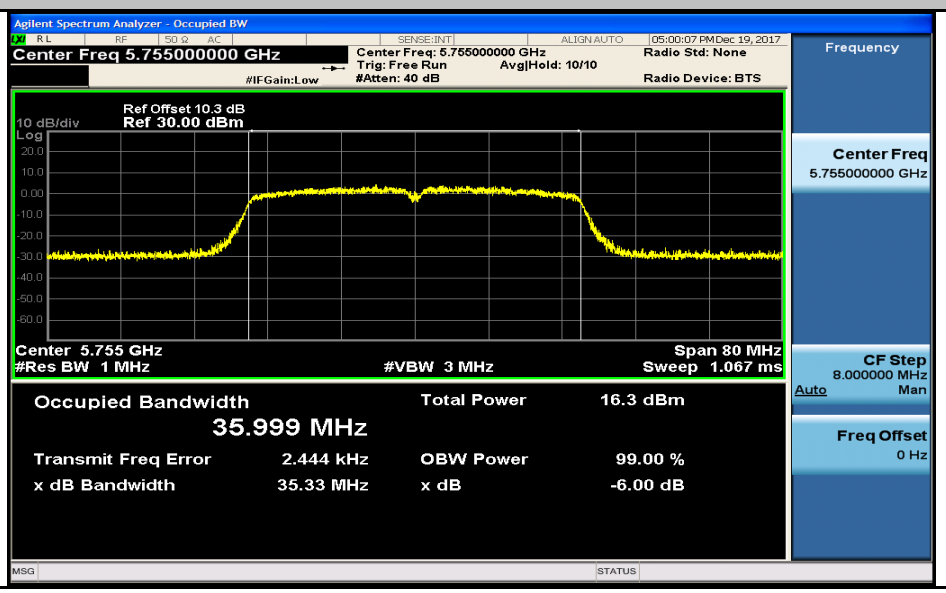

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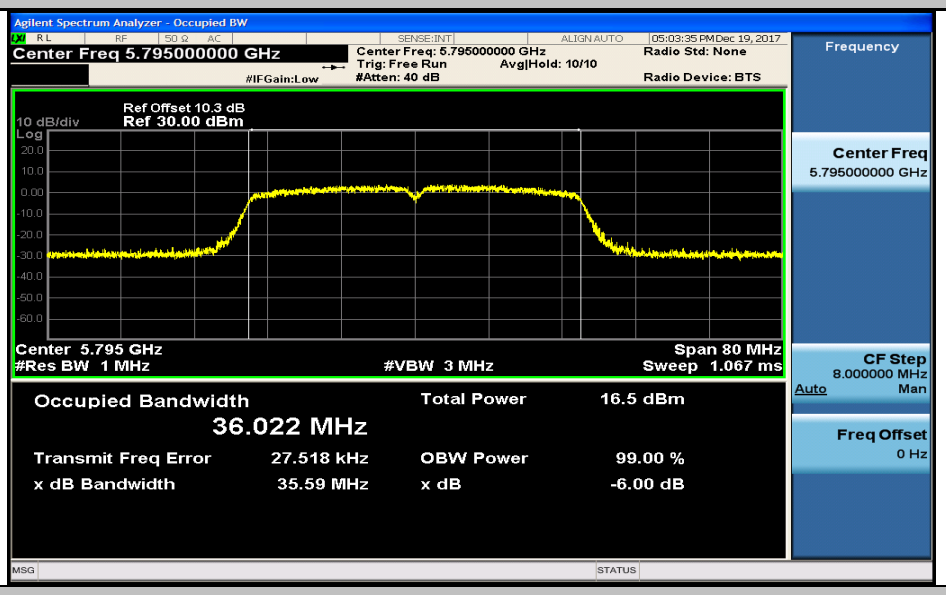
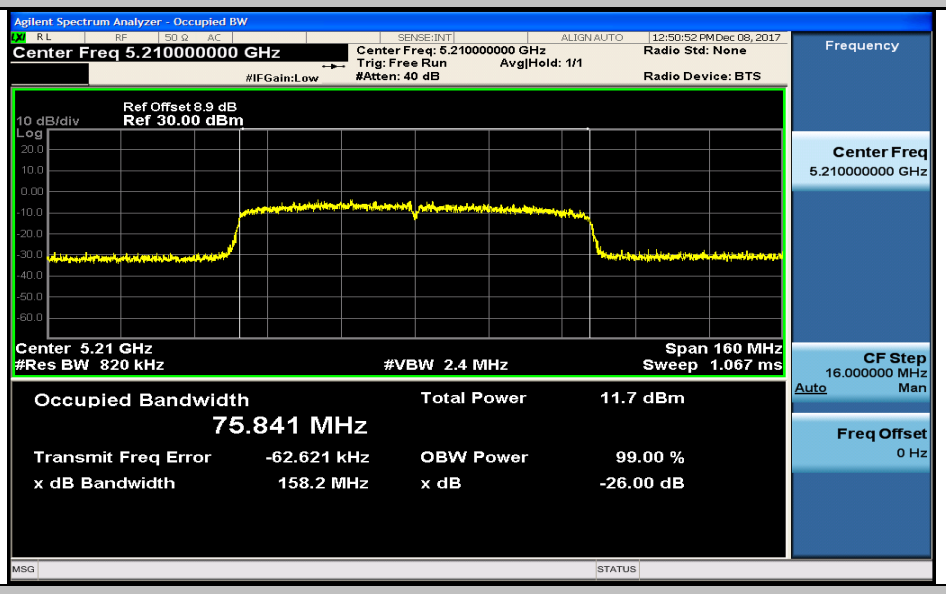


Occupied Bandwidth Measurement_11AC80_5210_Ant1



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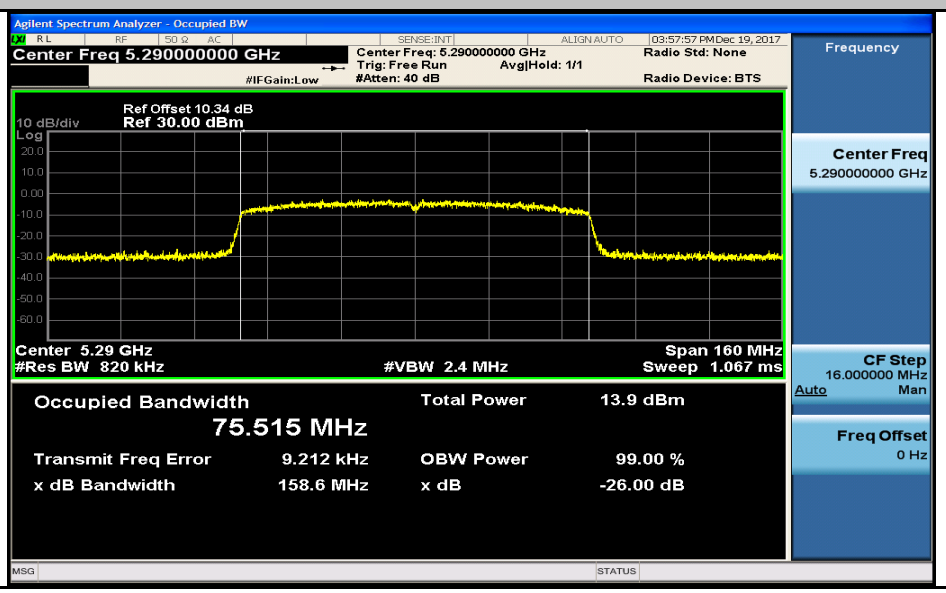
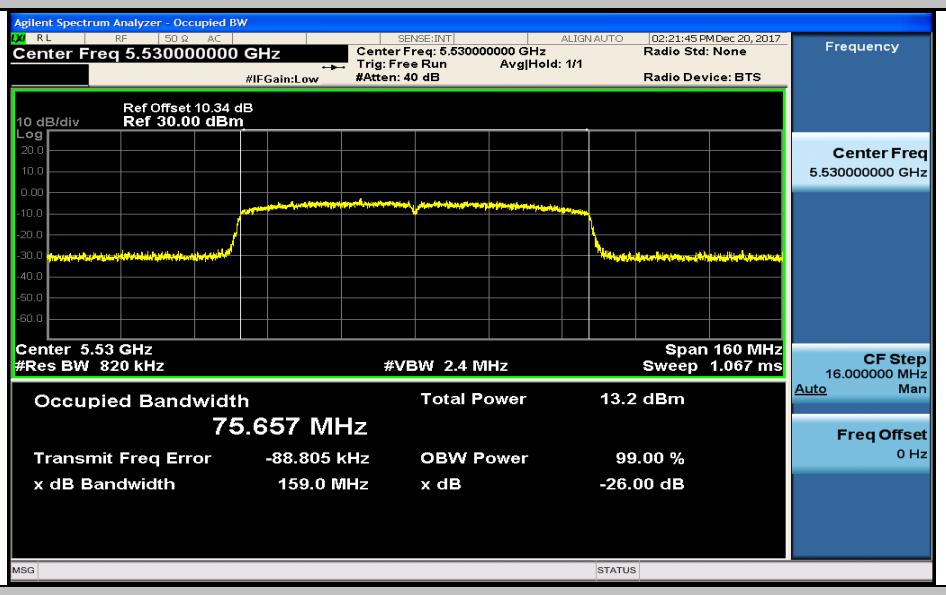
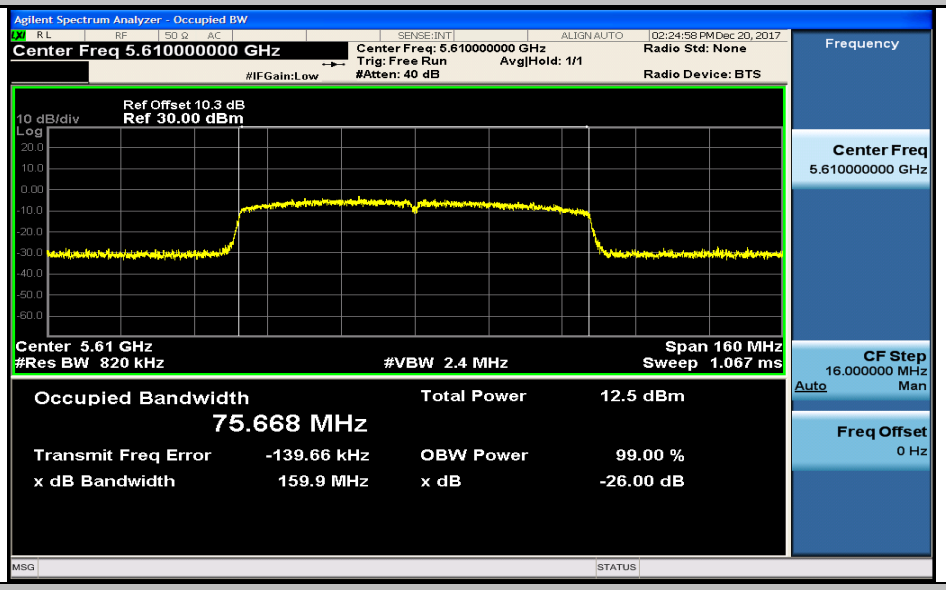


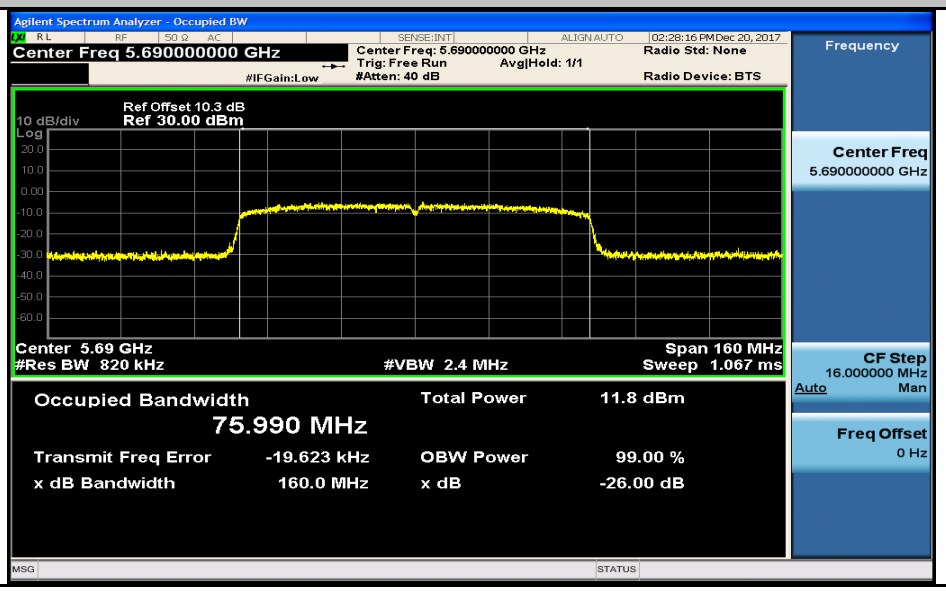
Occupied Bandwidth Measurement_11AC80_5530_Ant1



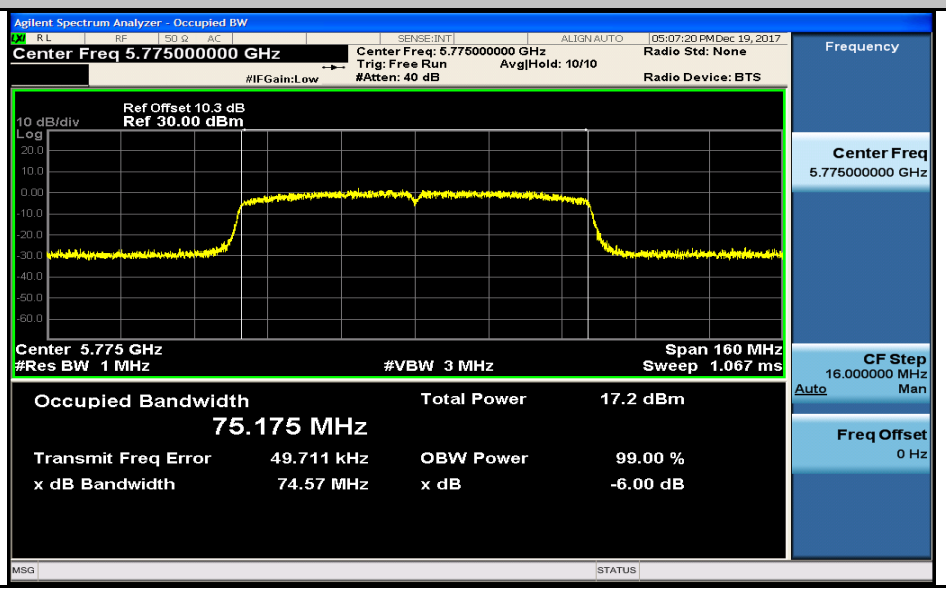
Occupied Bandwidth Measurement_11AC80_5610_Ant1



Occupied Bandwidth Measurement_11AC80_5690_Ant1



Occupied Bandwidth Measurement_11AC80_5775_Ant1



4.Maximum Conduct Output Power

Test Mode	Test Channel	Read Level[dBm]		10log(1/x) Factor[dB]		Power[dBm]			Limit [dBm]	Verdict
		ANT0	ANT1	ANT0	ANT1	ANT0	ANT1	MIMO		
11A	5180	13.32	12.22	0.28	0.28	13.60	12.50	N/A	23.98	PASS
11A	5220	12.52	11.39	0.25	0.37	12.77	11.76	N/A	23.98	PASS
11A	5240	12.08	10.96	0.34	0.37	12.42	11.33	N/A	23.98	PASS
11A	5260	11.81	11.51	0.37	0.32	12.18	11.83	N/A	23.61	PASS
11A	5280	12.2	11.59	0.23	0.26	12.43	11.85	N/A	23.63	PASS
11A	5320	12.33	11.72	0.26	0.33	12.59	12.05	N/A	23.64	PASS
11A	5500	11.71	12.45	0.23	0.37	11.94	12.82	N/A	23.67	PASS
11A	5600	11.18	12.07	0.33	0.23	11.51	12.30	N/A	23.61	PASS
11A	5700	10.07	10.82	0.23	0.37	10.30	11.19	N/A	23.61	PASS
11A	5720	10.17	10.7	0.23	0.23	10.40	10.93	N/A	23.65	PASS
11A	5745	12.61	12.9	0.23	0.37	12.84	13.27	N/A	30.00	PASS
11A	5785	13.17	13.25	0.23	0.23	13.40	13.48	N/A	30.00	PASS
11A	5825	12.37	13.37	0.23	0.23	12.60	13.60	N/A	30.00	PASS
11N20	5180	9.86	10.06	0.29	0.27	10.15	10.33	13.25	23.98	PASS
11N20	5220	9.05	9.88	0.38	0.36	9.43	10.24	12.86	23.98	PASS
11N20	5240	8.62	8.56	0.44	0.40	9.06	8.96	12.02	23.98	PASS
11N20	5260	11.57	9.42	0.25	0.30	11.82	9.72	13.91	23.86	PASS
11N20	5280	12.04	9.17	0.25	0.40	12.29	9.57	14.15	23.87	PASS
11N20	5320	12.25	8.83	0.26	0.26	12.51	9.09	14.14	23.85	PASS
11N20	5500	9.6	9.77	0.27	0.25	9.87	10.02	12.96	23.86	PASS
11N20	5600	9.16	9.56	0.25	0.25	9.41	9.81	12.62	23.88	PASS
11N20	5700	8.06	8.1	0.25	0.25	8.31	8.35	11.34	23.84	PASS
11N20	5720	8.14	8.34	0.40	0.26	8.54	8.60	11.58	23.83	PASS
11N20	5745	12.55	12.5	0.26	0.30	12.81	12.80	15.82	30.00	PASS
11N20	5785	13.1	12.88	0.27	0.26	13.37	13.14	16.27	30.00	PASS
11N20	5825	12.29	12.91	0.25	0.27	12.54	13.18	15.88	30.00	PASS
11N40	5190	11	11.09	0.85	0.53	11.85	11.62	14.75	23.98	PASS
11N40	5230	10.11	10.05	0.53	0.69	10.64	10.74	13.70	23.98	PASS
11N40	5270	11.32	10.55	0.48	0.67	11.80	11.22	14.53	23.98	PASS
11N40	5310	12.81	11.35	0.63	0.74	13.44	12.09	15.83	23.98	PASS
11N40	5510	11.17	11.71	0.52	0.49	11.69	12.20	14.96	23.98	PASS
11N40	5590	10.9	11	0.73	0.49	11.63	11.49	14.57	23.98	PASS
11N40	5670	9.62	10.24	0.48	0.77	10.10	11.01	13.59	23.98	PASS
11N40	5710	9.64	10.18	0.49	0.77	10.13	10.95	13.57	23.98	PASS
11N40	5755	13.15	14.76	0.49	0.49	13.64	15.25	17.53	30.00	PASS

11N40	5795	13.45	14.97	0.48	0.52	13.93	15.49	17.79	30.00	PASS
11AC20	5180	9.89	9.89	0.42	0.33	10.31	10.22	13.28	23.98	PASS
11AC20	5220	9.18	9.06	0.39	0.33	9.57	9.39	12.49	23.98	PASS
11AC20	5240	8.66	8.59	0.38	0.31	9.04	8.90	11.98	23.98	PASS
11AC20	5260	11.6	9.97	0.24	0.24	11.84	10.21	14.11	23.81	PASS
11AC20	5280	12.03	9.01	0.36	0.24	12.39	9.25	14.11	23.82	PASS
11AC20	5320	12.11	8.84	0.34	0.27	12.45	9.11	14.10	23.81	PASS
11AC20	5500	8.79	9.28	0.24	0.26	9.03	9.54	12.30	23.94	PASS
11AC20	5600	8.63	9.25	0.26	0.24	8.89	9.49	12.21	23.85	PASS
11AC20	5700	7.42	7.7	0.24	0.27	7.66	7.97	10.83	23.87	PASS
11AC20	5720	8.43	8.86	0.24	0.26	8.67	9.12	11.91	23.83	PASS
11AC20	5745	12.57	14.5	0.27	0.29	12.84	14.79	16.93	30.00	PASS
11AC20	5785	13.16	14.61	0.24	0.26	13.40	14.87	17.21	30.00	PASS
11AC20	5825	12.27	14.74	0.34	0.38	12.61	15.12	17.05	30.00	PASS
11AC40	5190	10.96	11.09	0.80	0.61	11.76	11.70	14.74	23.98	PASS
11AC40	5230	10.17	10.17	0.57	0.69	10.74	10.86	13.81	23.98	PASS
11AC40	5270	11.37	10.52	0.48	0.56	11.85	11.08	14.49	23.98	PASS
11AC40	5310	12.66	11.35	0.48	0.77	13.14	12.12	15.67	23.98	PASS
11AC40	5510	11.21	10.44	0.48	0.48	11.69	10.92	14.33	23.98	PASS
11AC40	5590	11	11.29	0.52	0.56	11.52	11.85	14.70	23.98	PASS
11AC40	5670	10	10.18	0.67	0.63	10.67	10.81	13.75	23.98	PASS
11AC40	5710	10.1	10.04	0.53	0.48	10.63	10.52	13.59	23.98	PASS
11AC40	5755	13.21	14.72	0.48	0.48	13.69	15.20	17.52	30.00	PASS
11AC40	5795	13.52	15	0.48	0.47	14.00	15.47	17.81	30.00	PASS
11AC80	5210	9.95	9.93	1.03	1.03	10.98	10.96	13.98	23.98	PASS
11AC80	5290	13.91	12.34	0.95	1.28	14.86	13.62	17.29	23.98	PASS
11AC80	5530	11.2	11.62	1.15	1.02	12.35	12.64	15.51	23.98	PASS
11AC80	5610	10.28	10.75	0.95	1.02	11.23	11.77	14.52	23.98	PASS
11AC80	5690	9.74	10.04	0.95	1.47	10.69	11.51	14.13	23.98	PASS
11AC80	5775	14.14	15.66	1.08	0.95	15.22	16.61	18.98	30.00	PASS

Remark:

1) Output Average Power = Reading Power + Duty Cycle Correction Factor

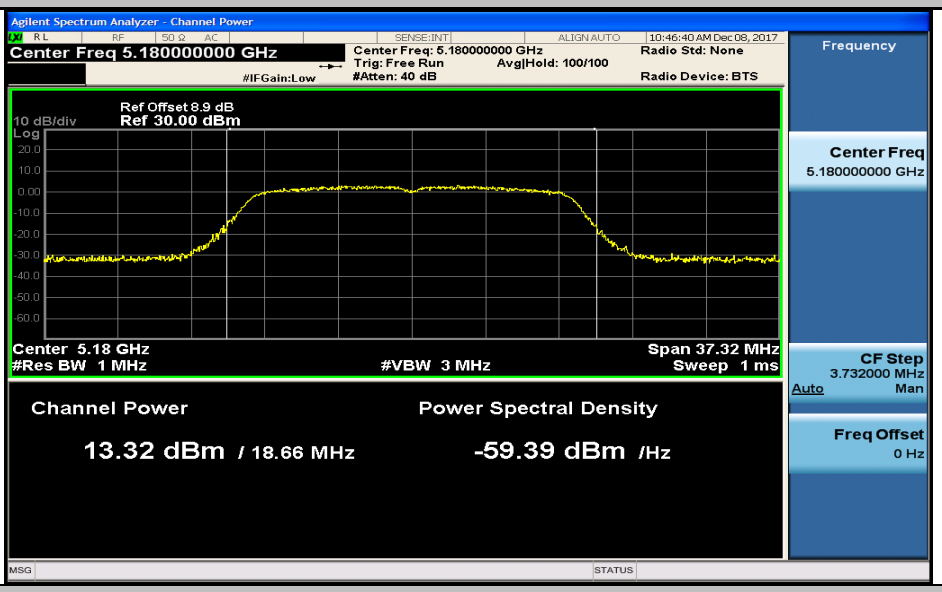
2) Per KDB 662911, the conducted powers at Antenna A and Antenna B were first measured separately during MIMO transmission as shown in section above. The measured values were then summed in linear power units then converted back to dBm.

3) Conducted power limit see below chart:

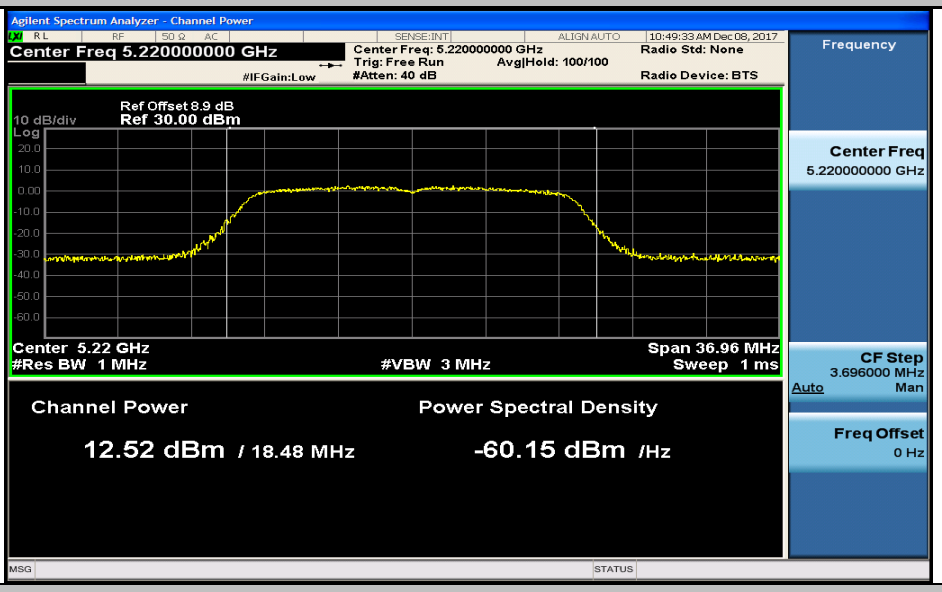
Frequency band(MHz)	Limit
5150-5250	≤1W(30dBm) for master device
	≤250mW(24dBm) for client device
5250-5350	≤250mW(24dBm) for client device or 11dBm+10logB*
5470-5725	≤250mW(24dBm) for client device or 11dBm+10logB*
5725-5850	≤1W(30dBm)

Remark: *Where B is the 26dB emission bandwidth in MHz.
The maximum conducted output power must be measured over any interval of continuous

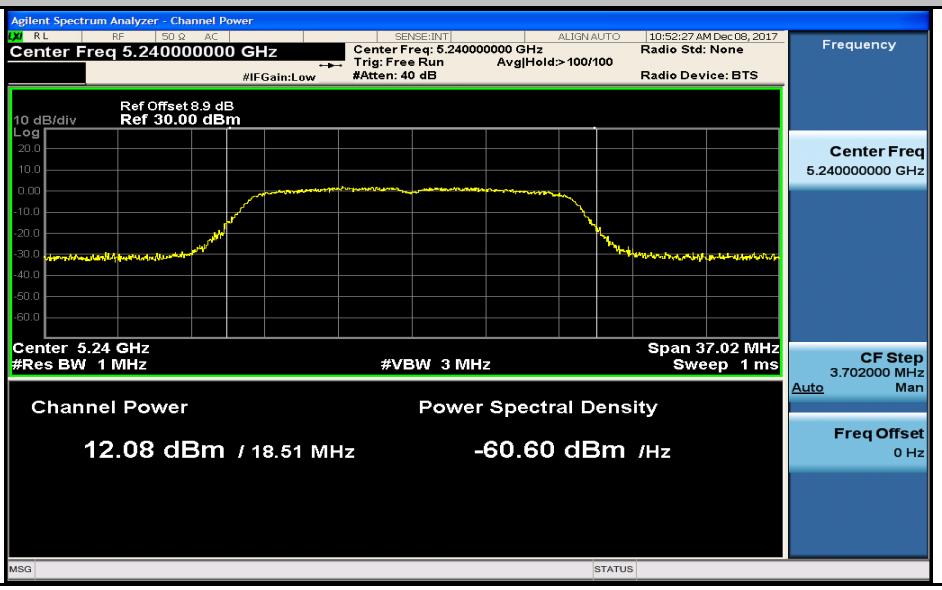
Maximum Conduct Output Power_11A_5180_Ant0



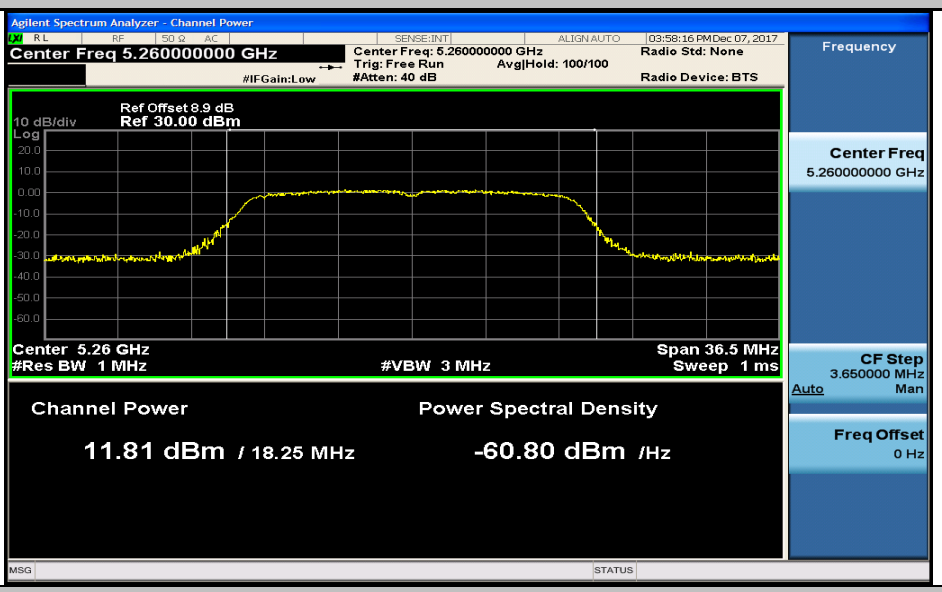
Maximum Conduct Output Power_11A_5220_Ant0



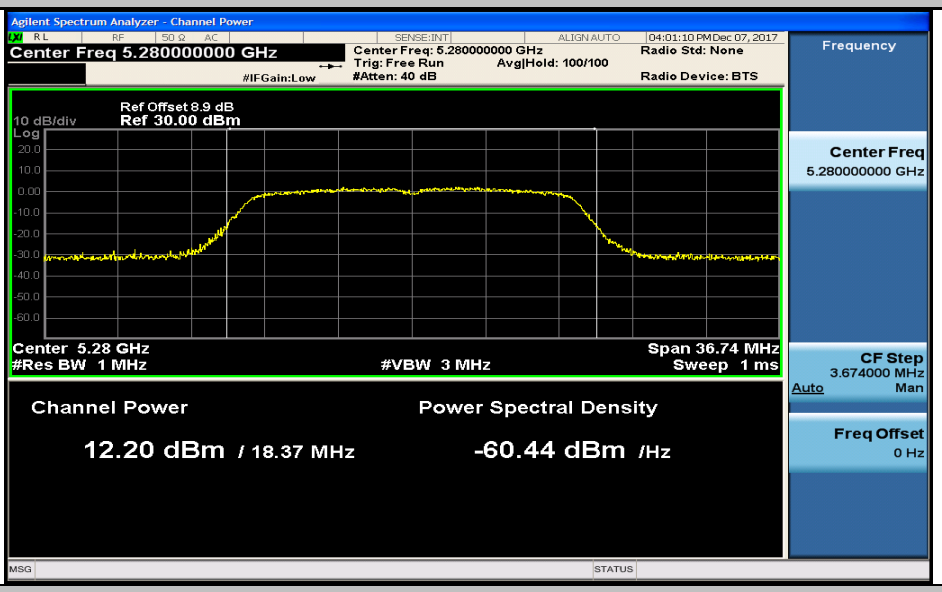
Maximum Conduct Output Power_11A_5240_Ant0



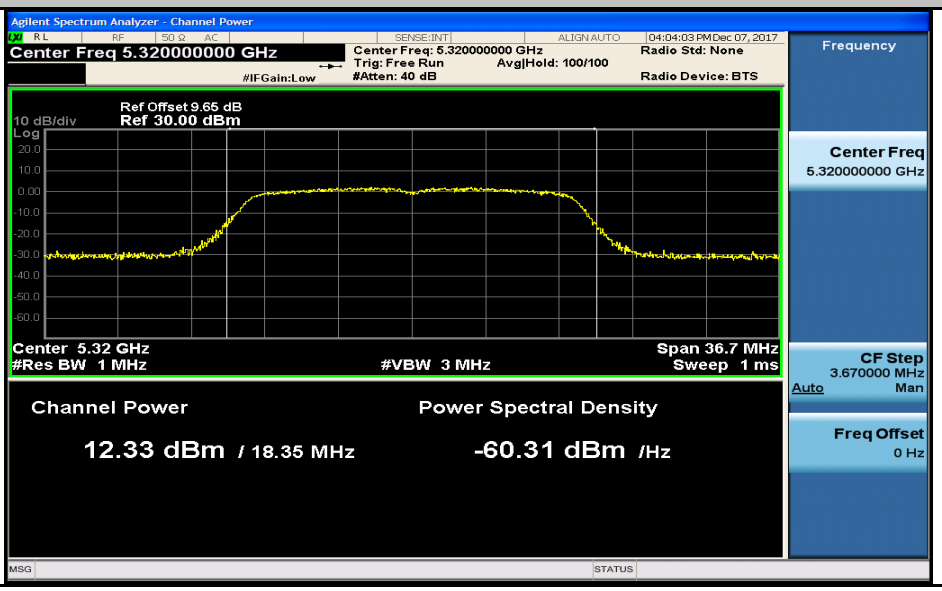
Maximum Conduct Output Power_11A_5260_Ant0



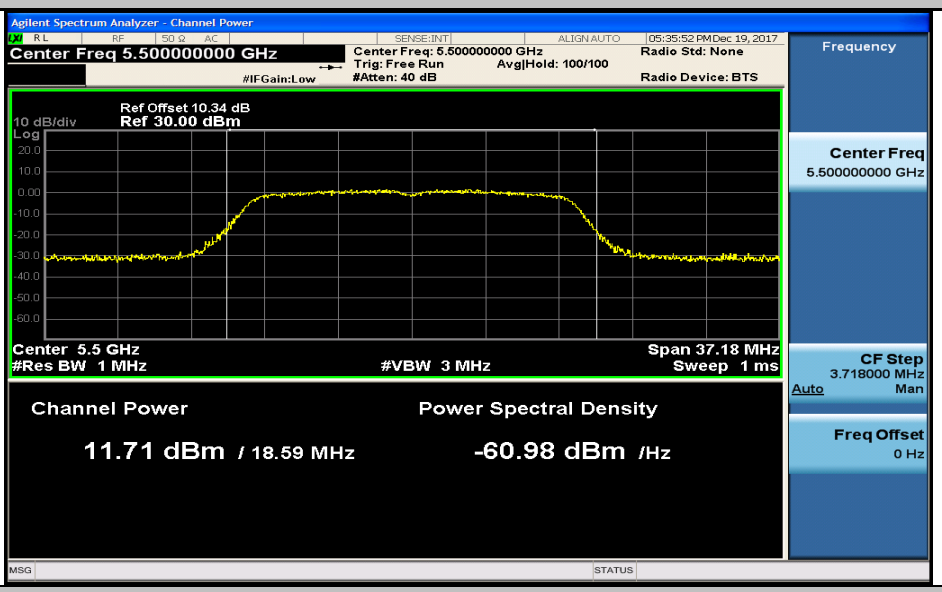
Maximum Conduct Output Power_11A_5280_Ant0



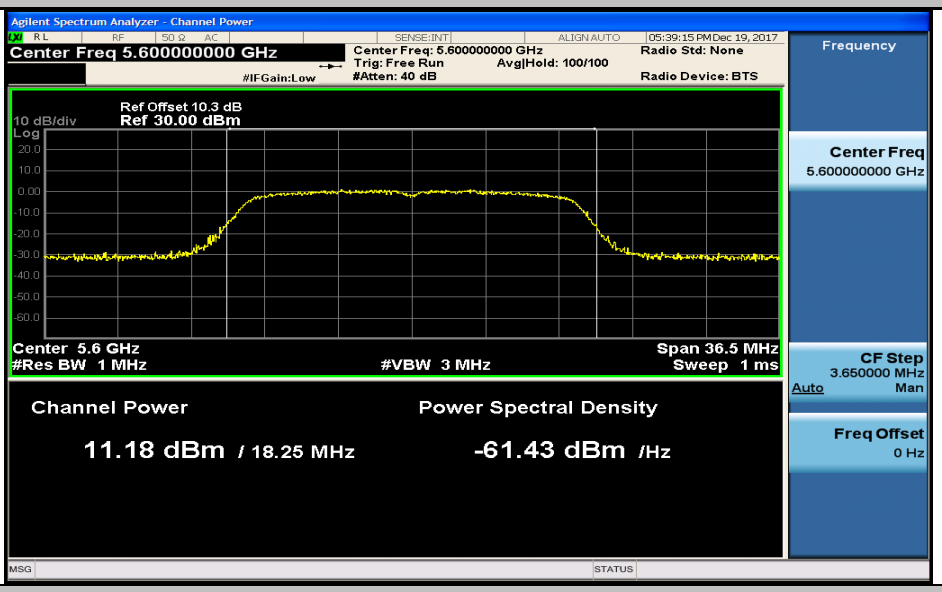
Maximum Conduct Output Power_11A_5320_Ant0



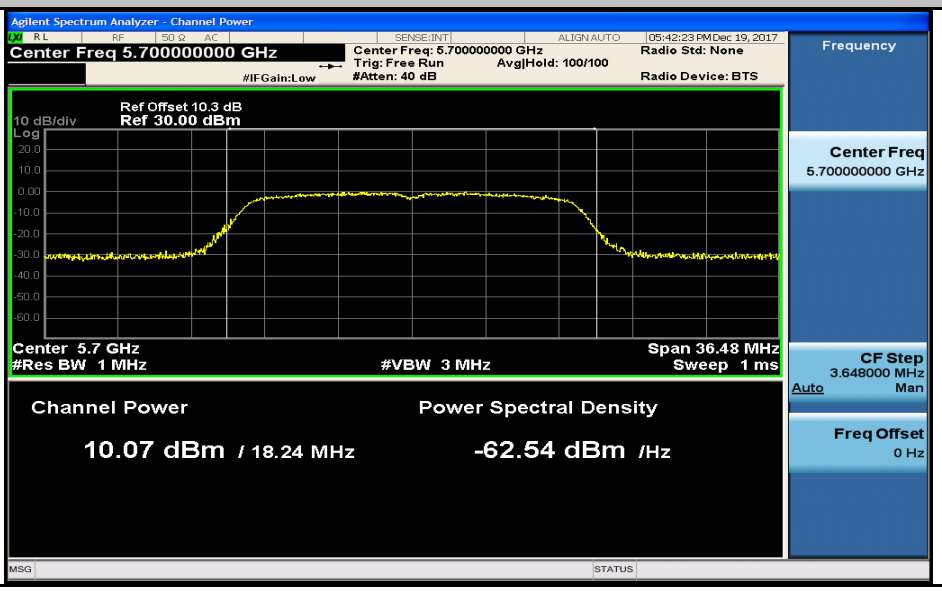
Maximum Conduct Output Power_11A_5500_Ant0



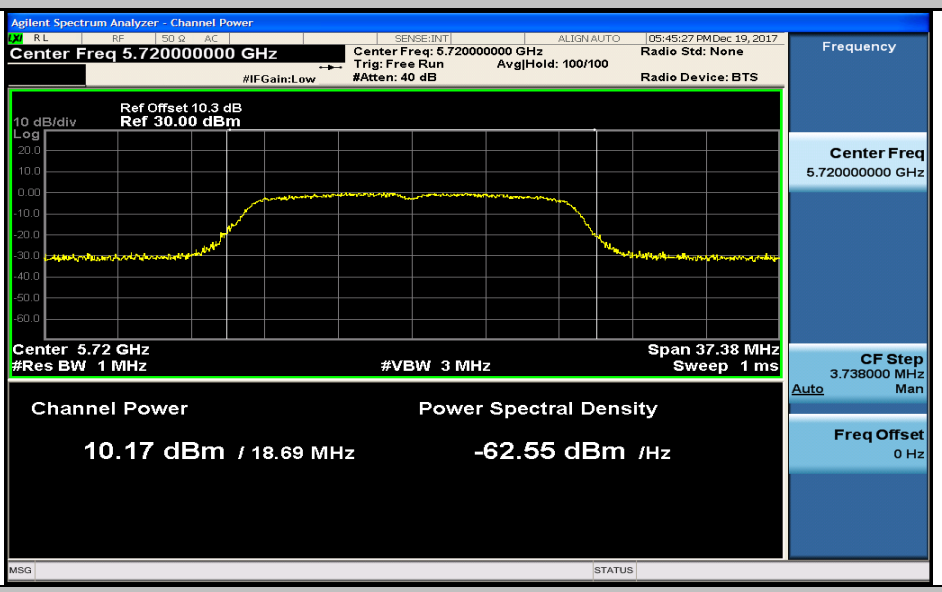
Maximum Conduct Output Power_11A_5600_Ant0



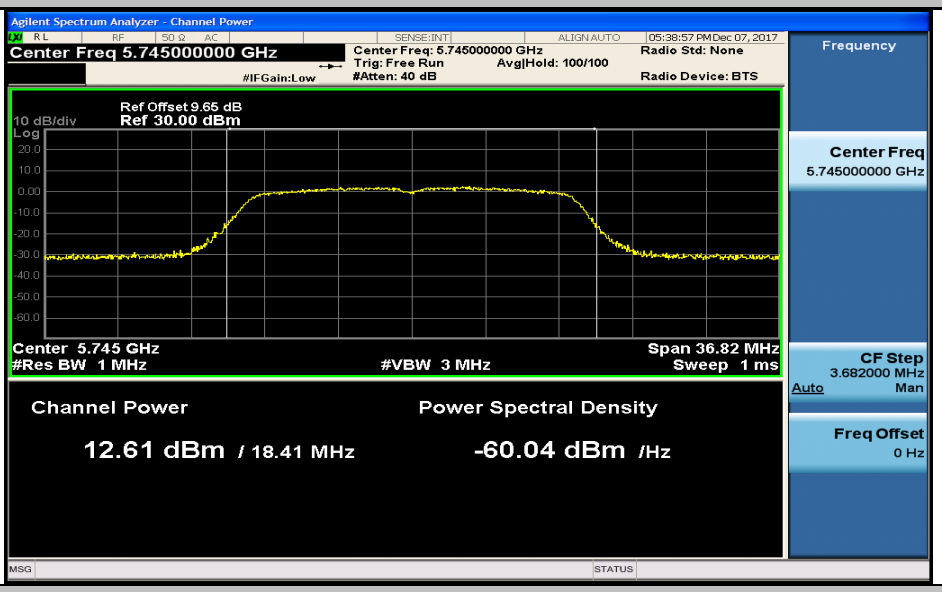
Maximum Conduct Output Power_11A_5700_Ant0



Maximum Conduct Output Power_11A_5720_Ant0



Maximum Conduct Output Power_11A_5745_Ant0



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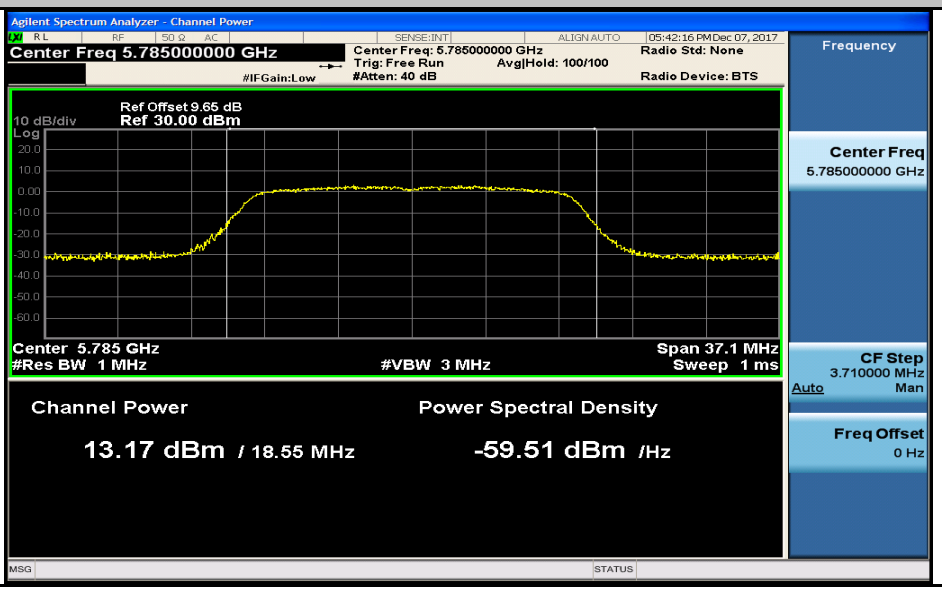
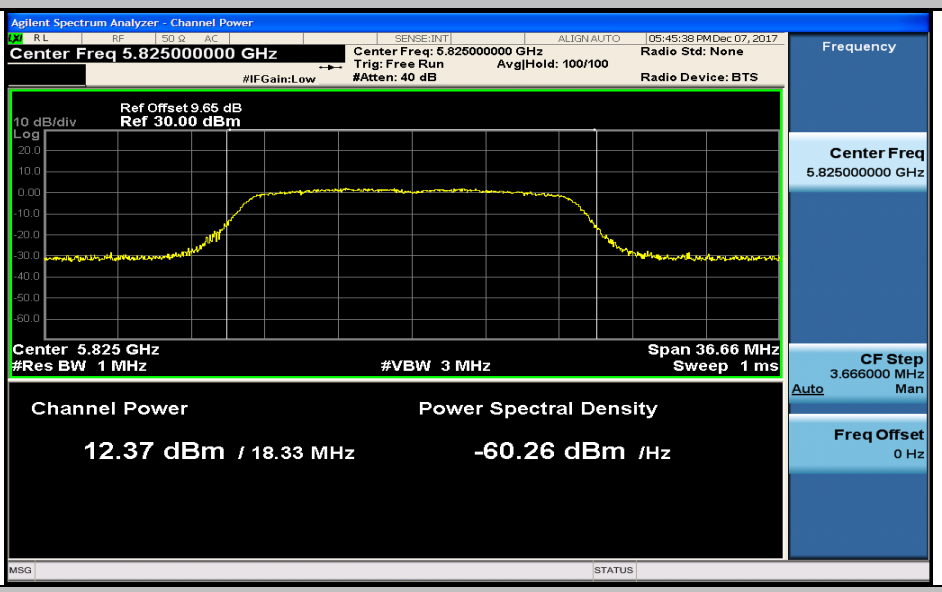
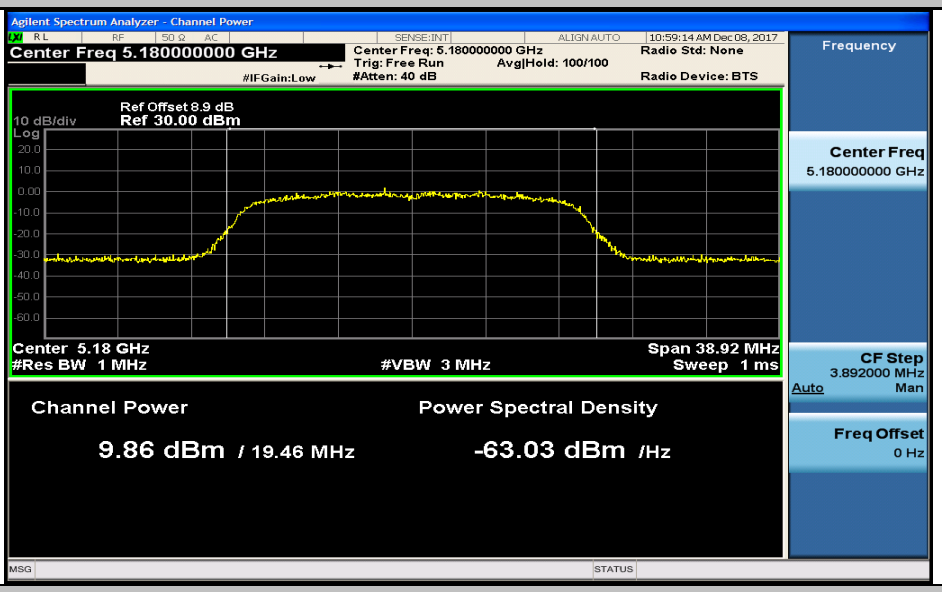


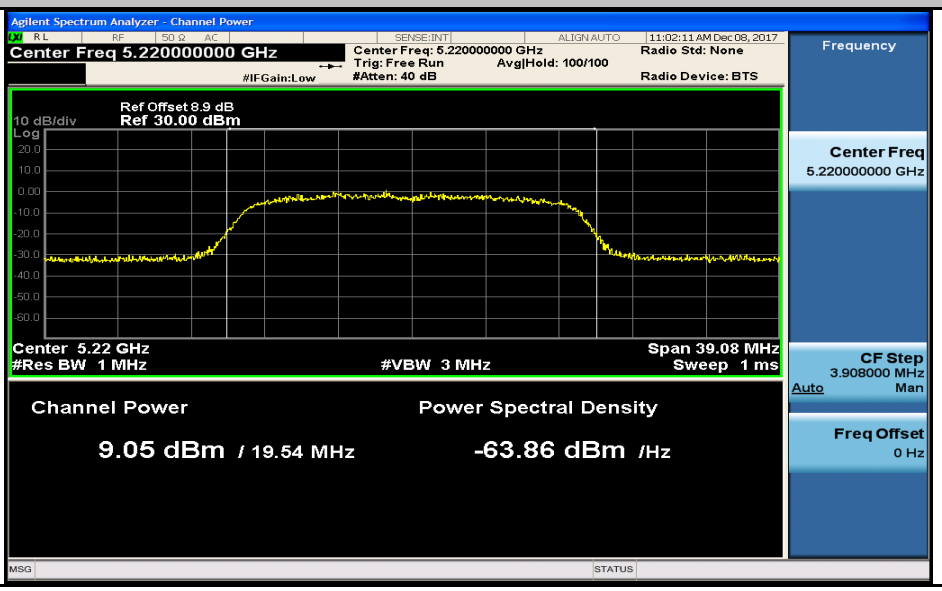
Maximum Conduct Output Power_11A_5825_Ant0



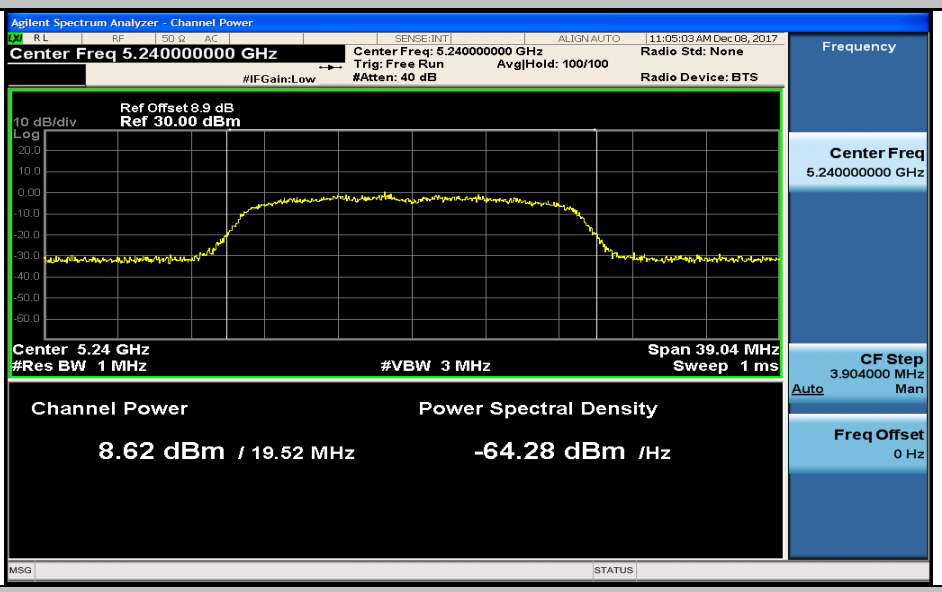
Maximum Conduct Output Power_11N20_5180_Ant0



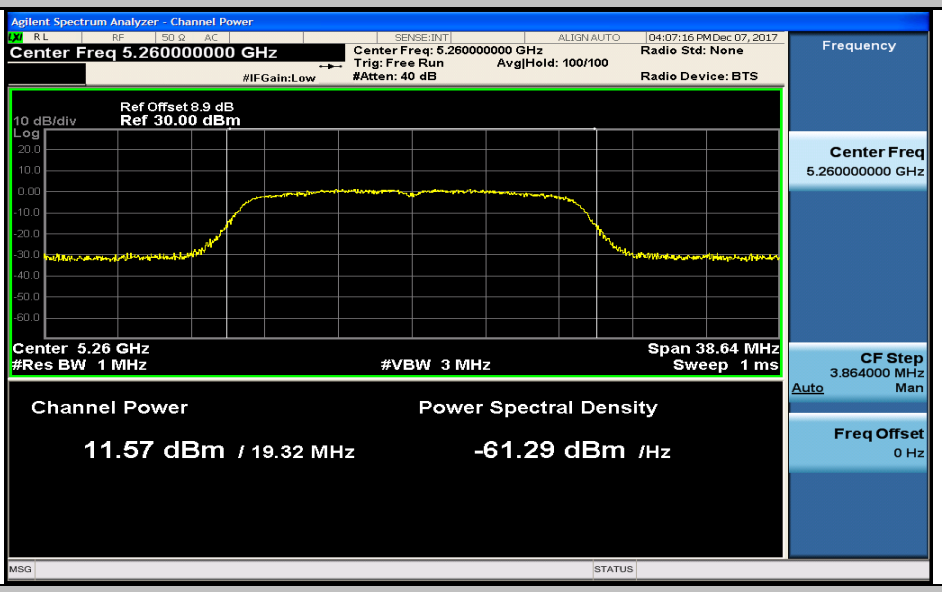
Maximum Conduct Output Power_11N20_5220_Ant0



Maximum Conduct Output Power_11N20_5240_Ant0



Maximum Conduct Output Power_11N20_5260_Ant0



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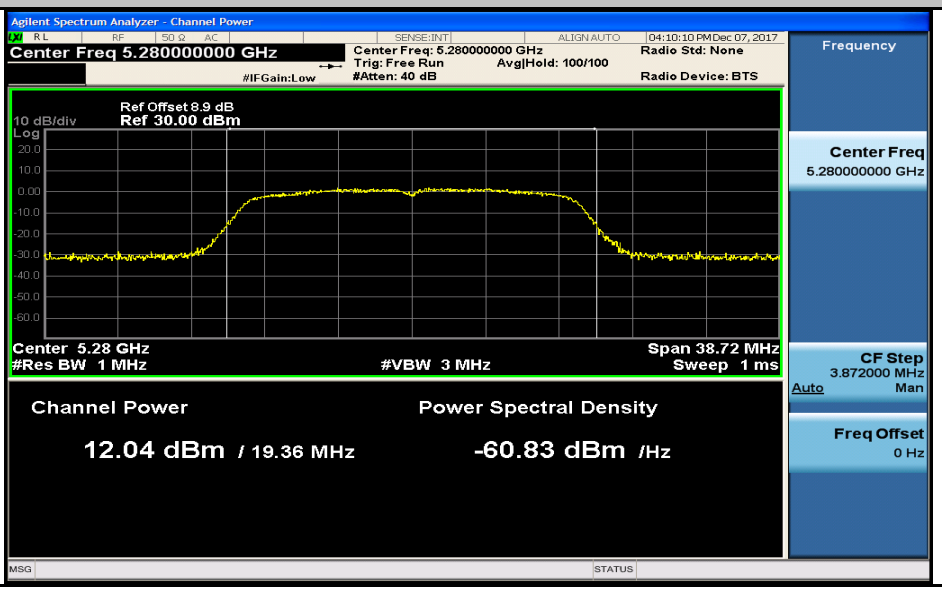

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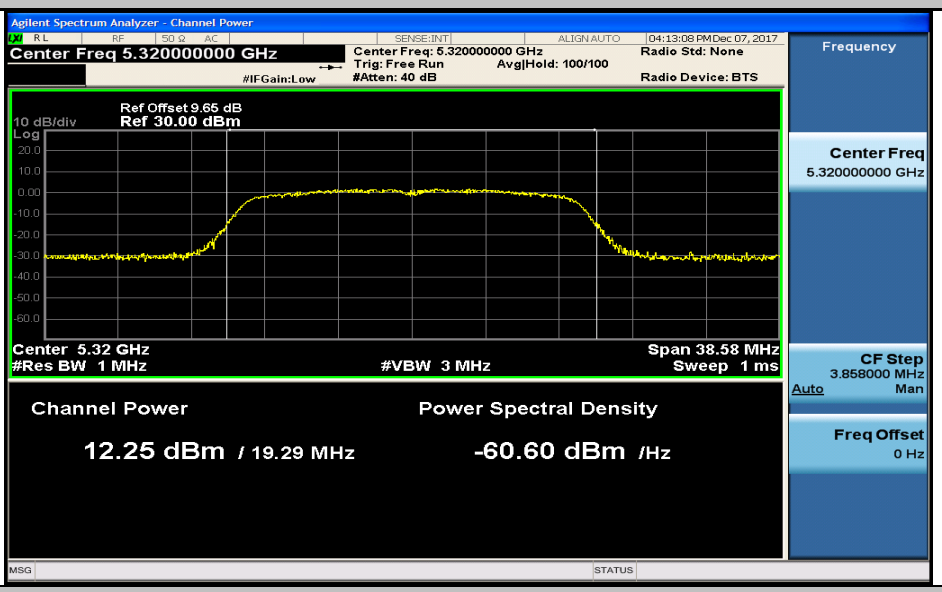

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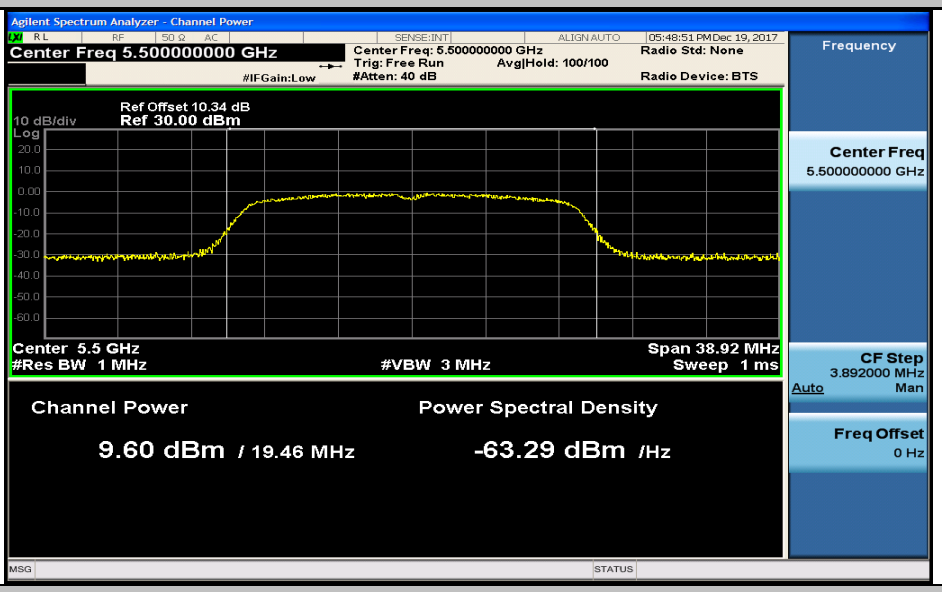
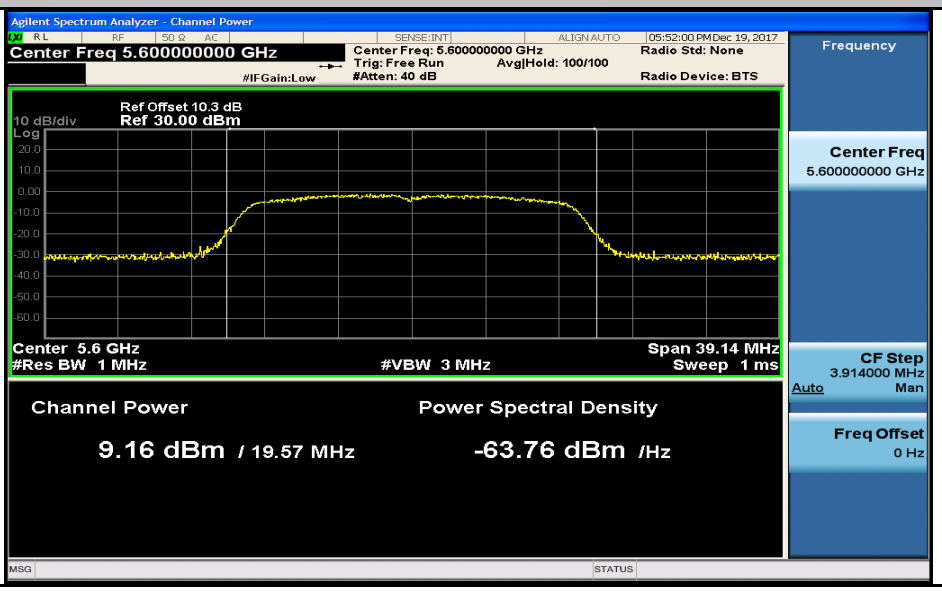


Maximum Conduct Output Power_11N20_5600_Ant0



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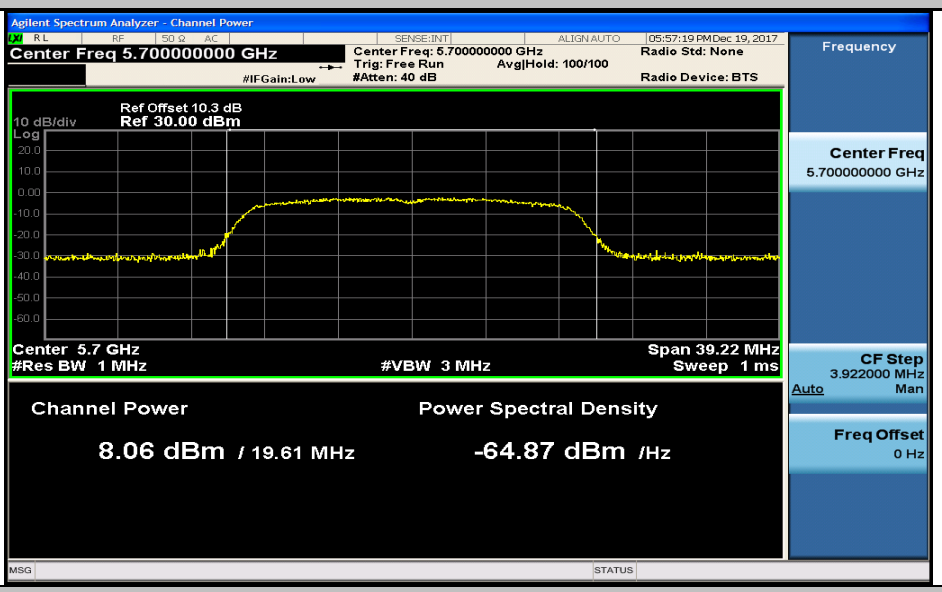

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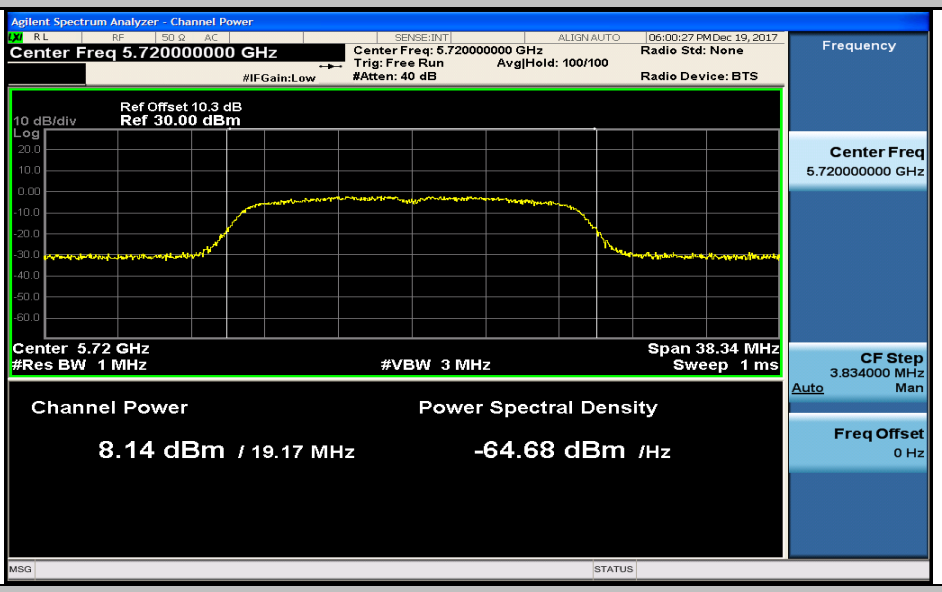
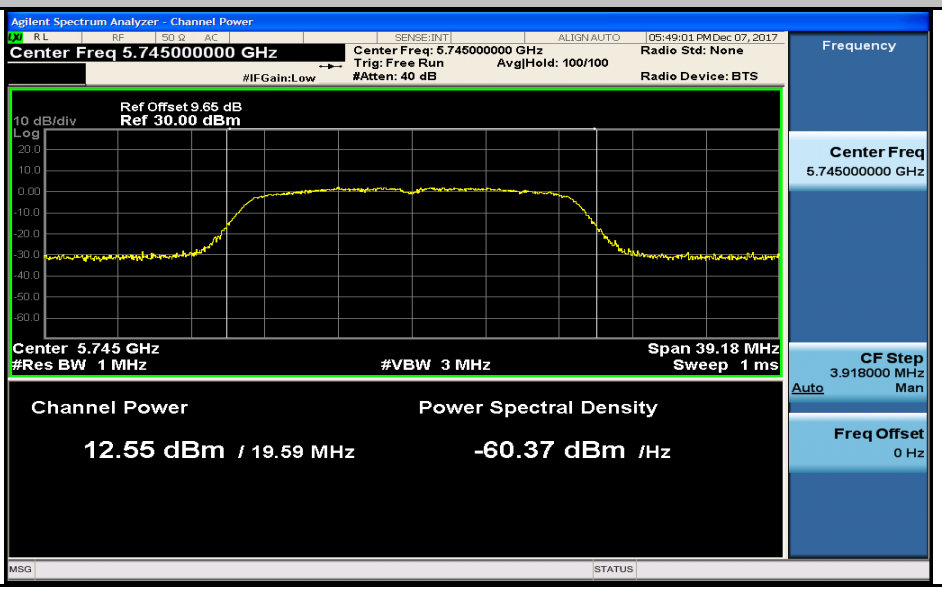


Maximum Conduct Output Power_11N20_5745_Ant0



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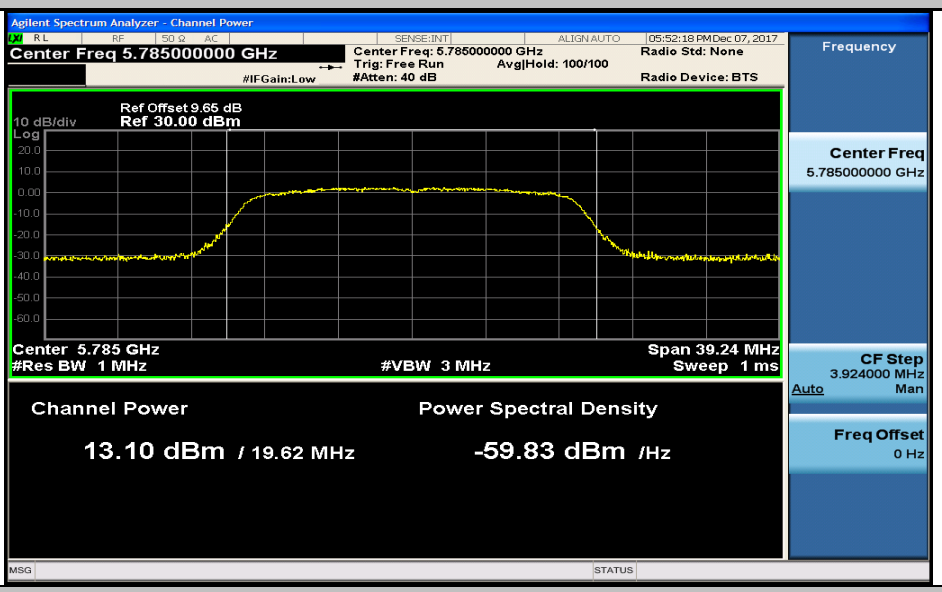

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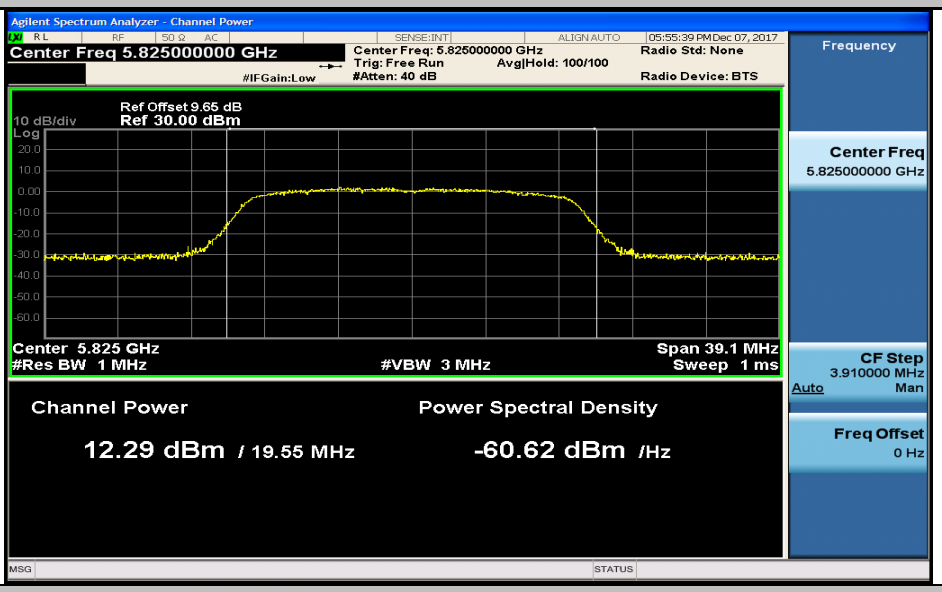

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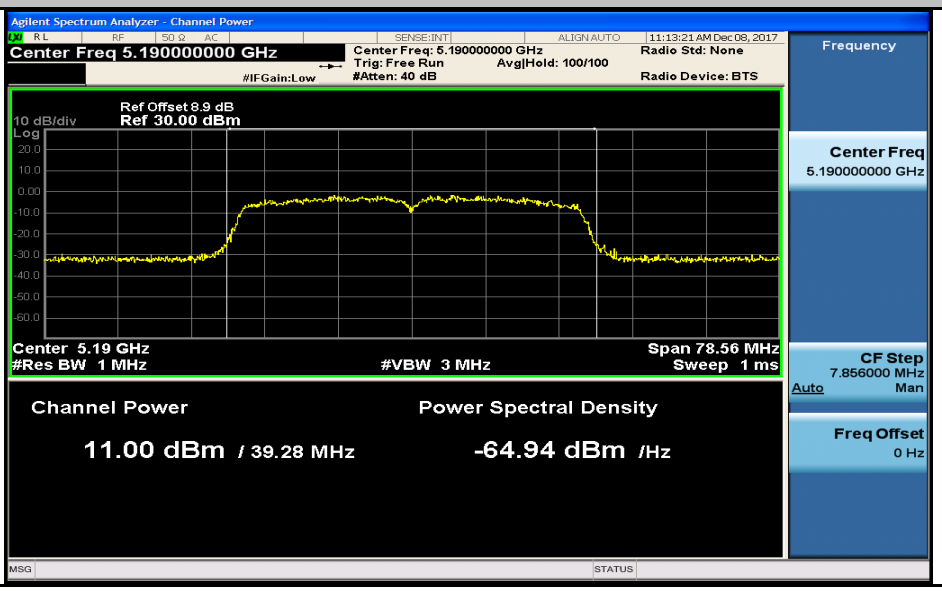

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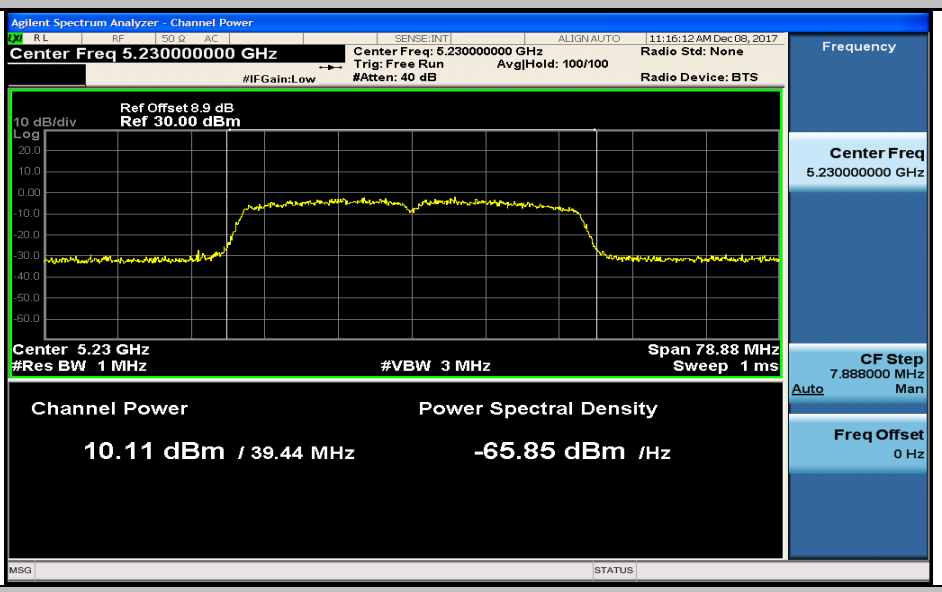

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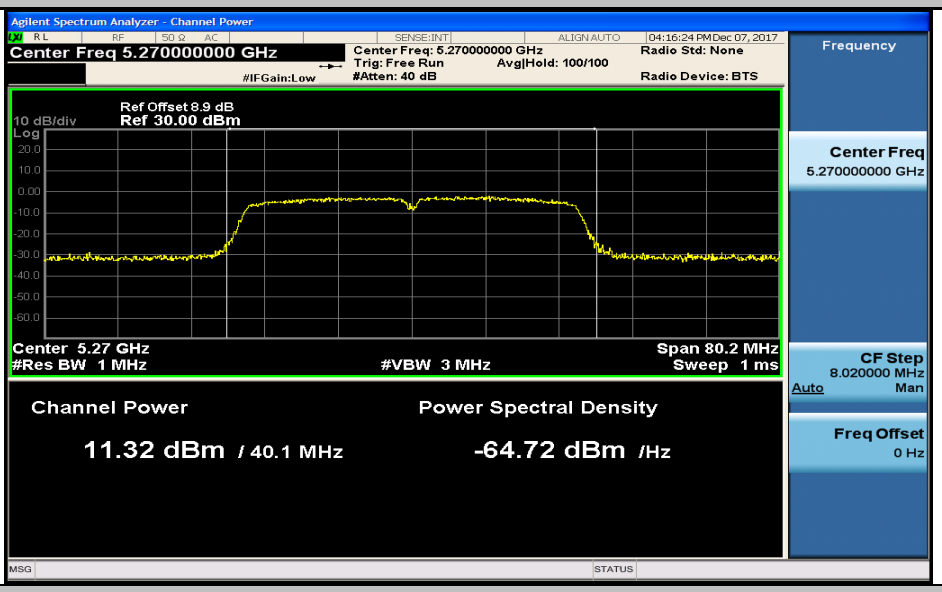
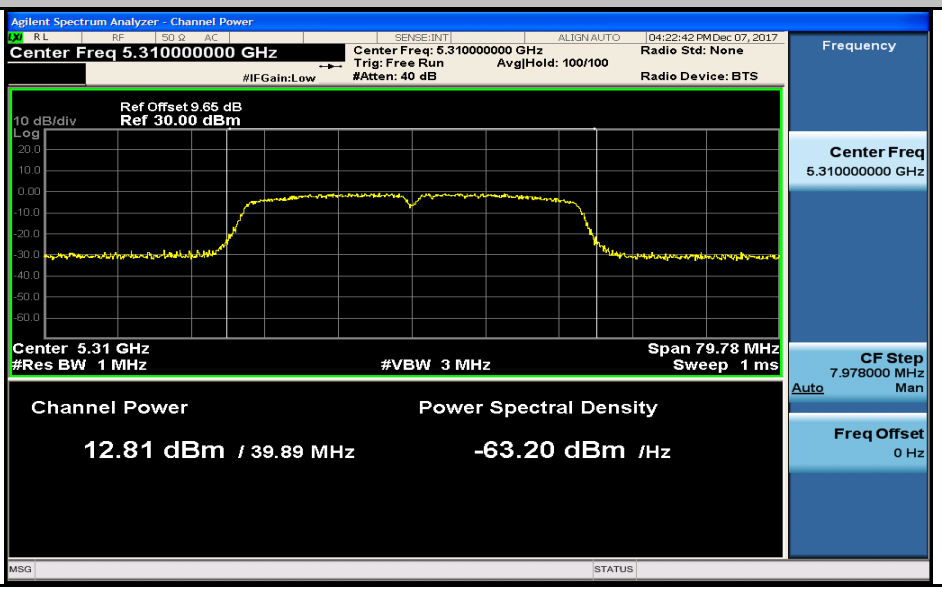


Maximum Conduct Output Power_11N40_5310_Ant0



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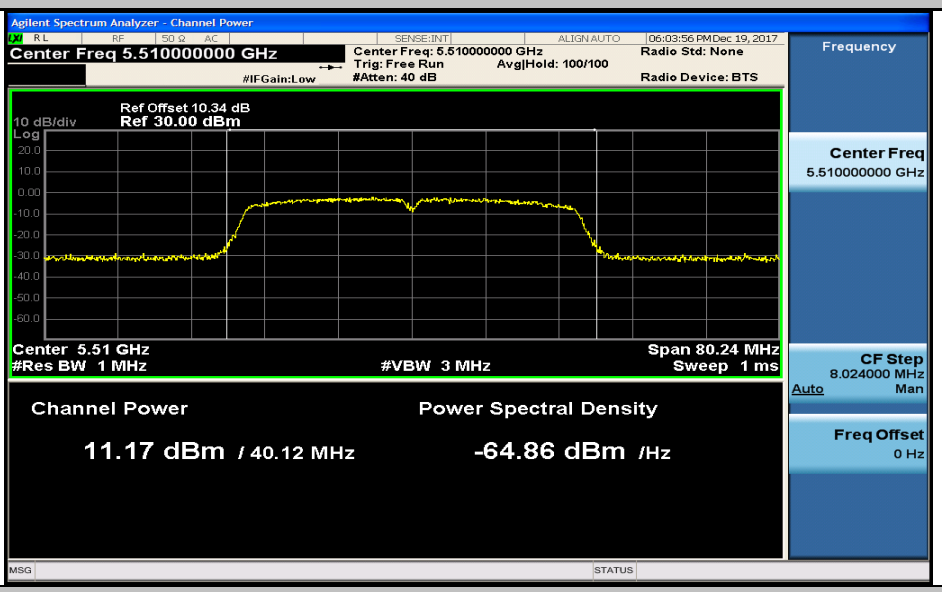
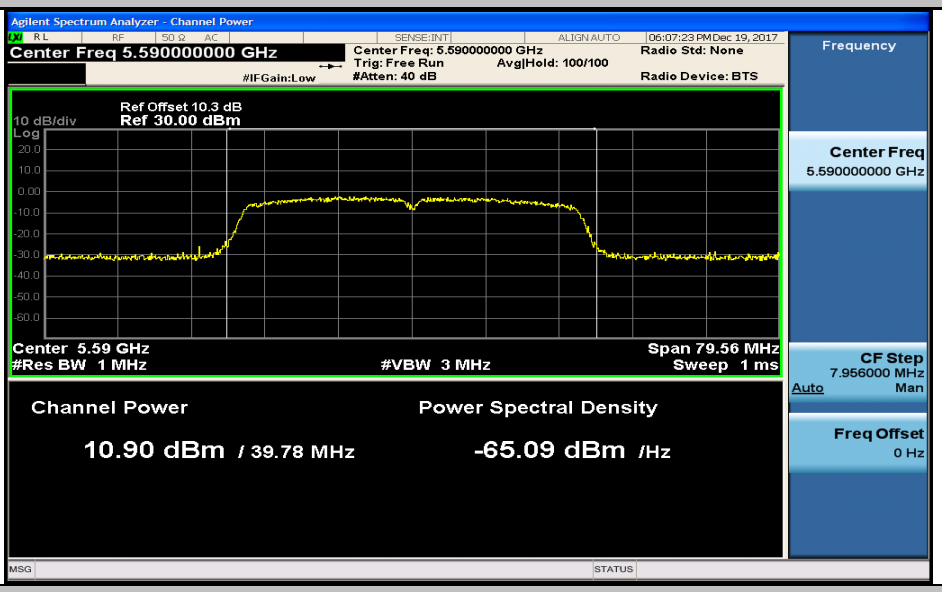


Maximum Conduct Output Power_11N40_5590_Ant0



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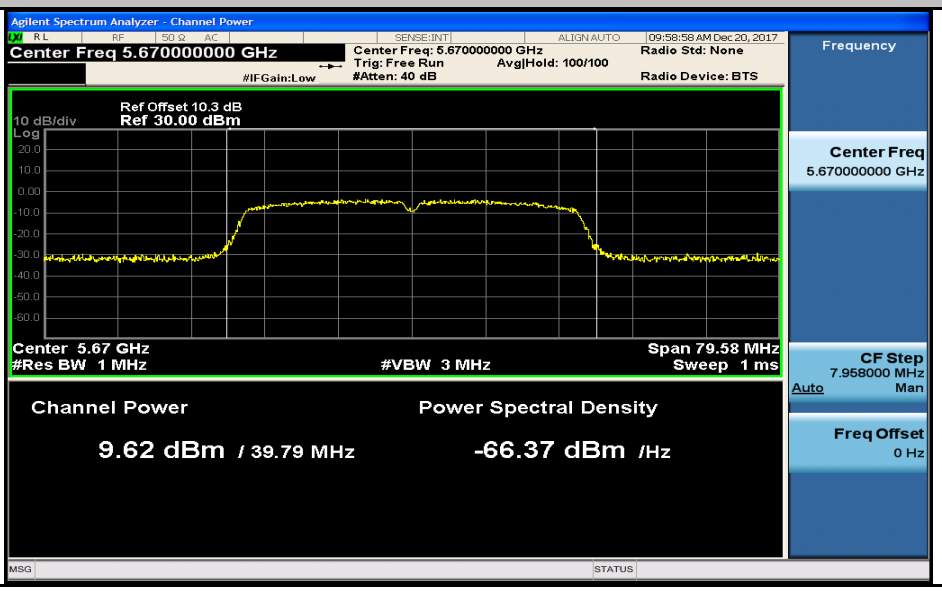
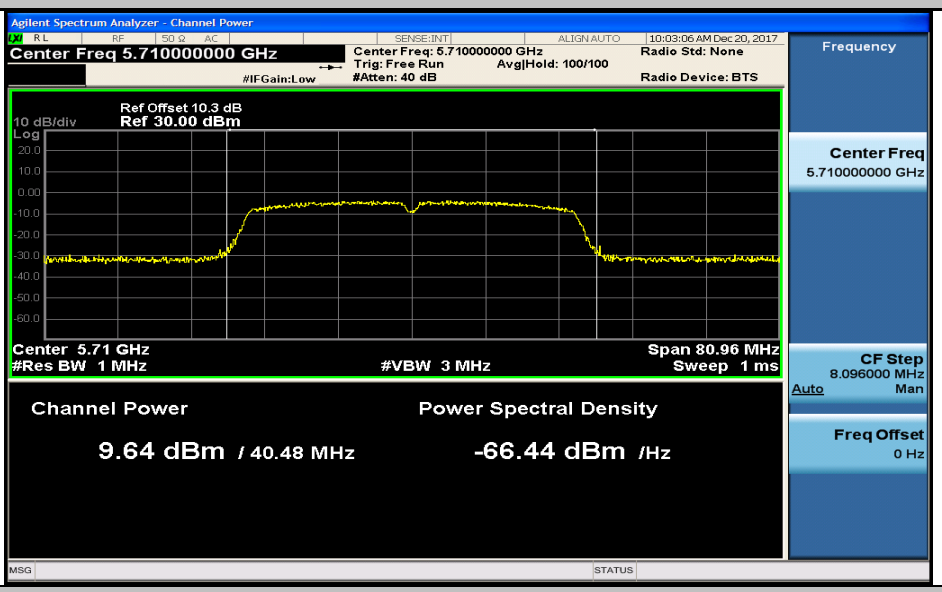


Maximum Conduct Output Power_11N40_5710_Ant0



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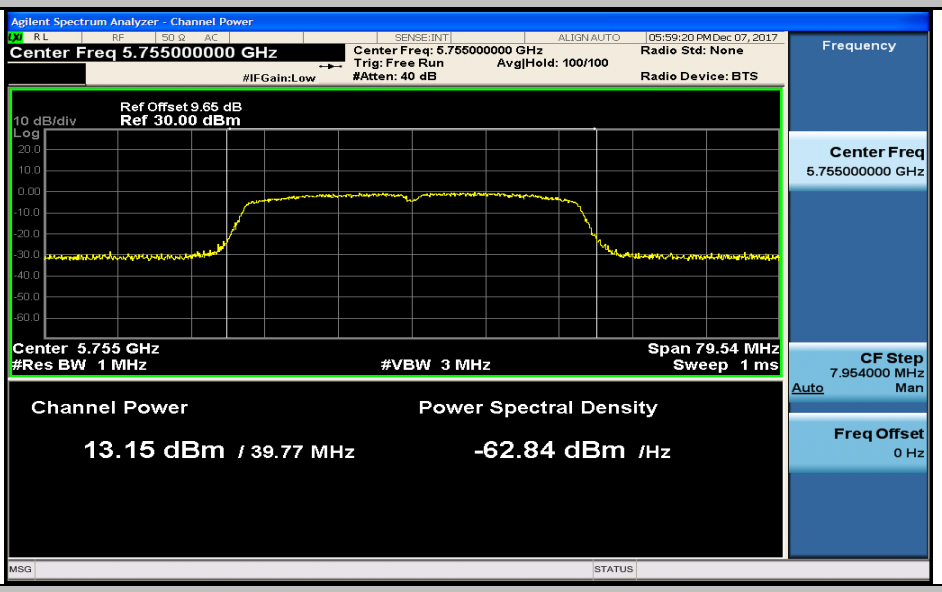

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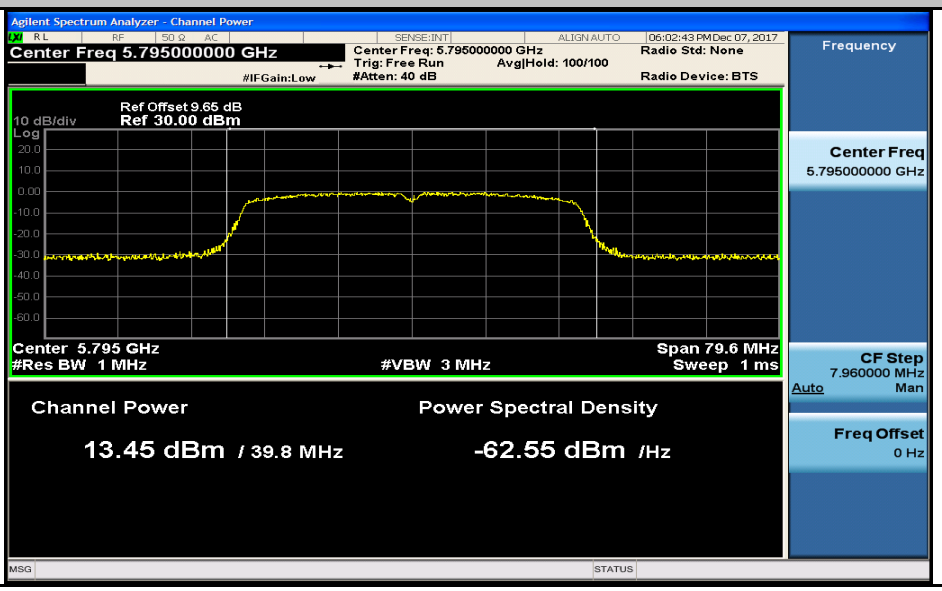
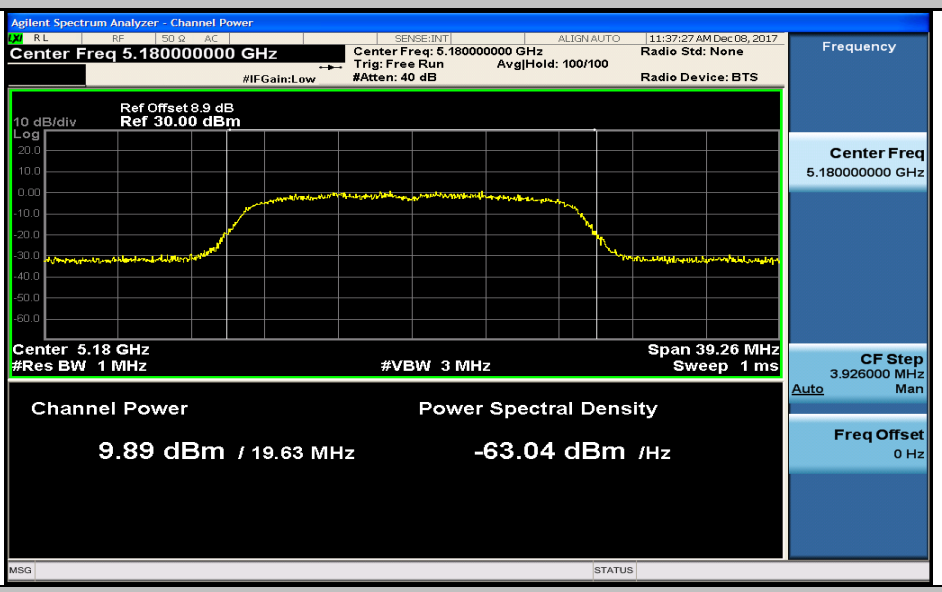


Maximum Conduct Output Power_11AC20_5180_Ant0



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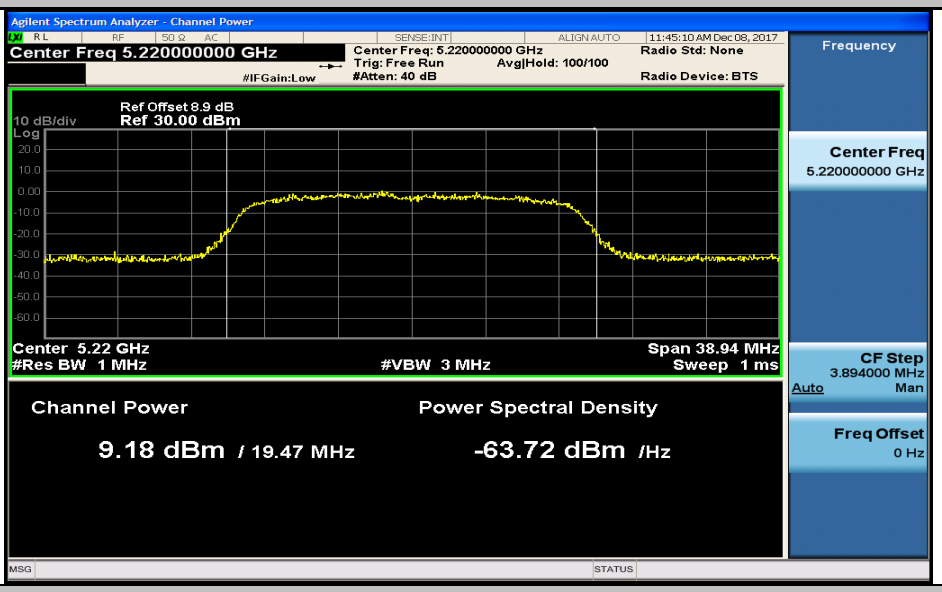

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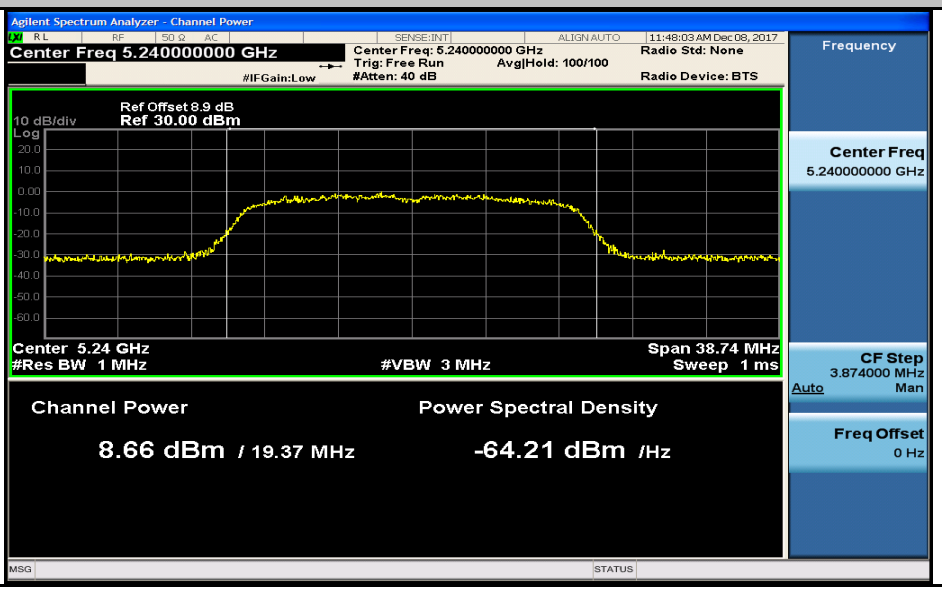

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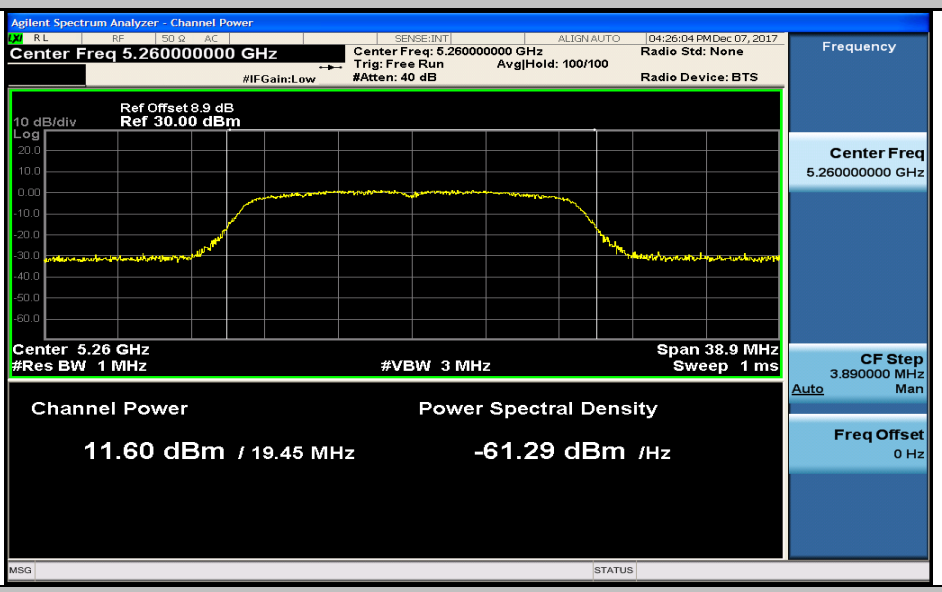

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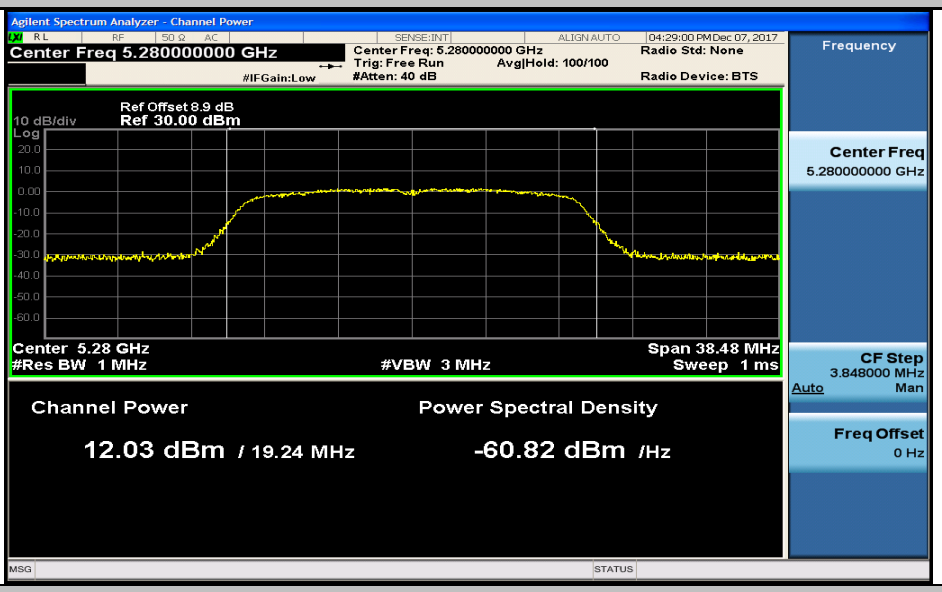

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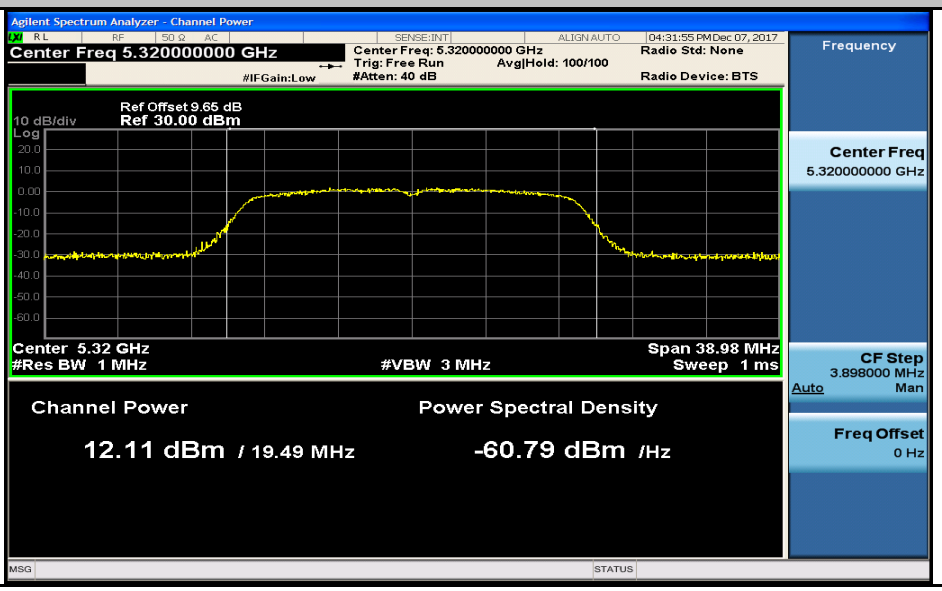

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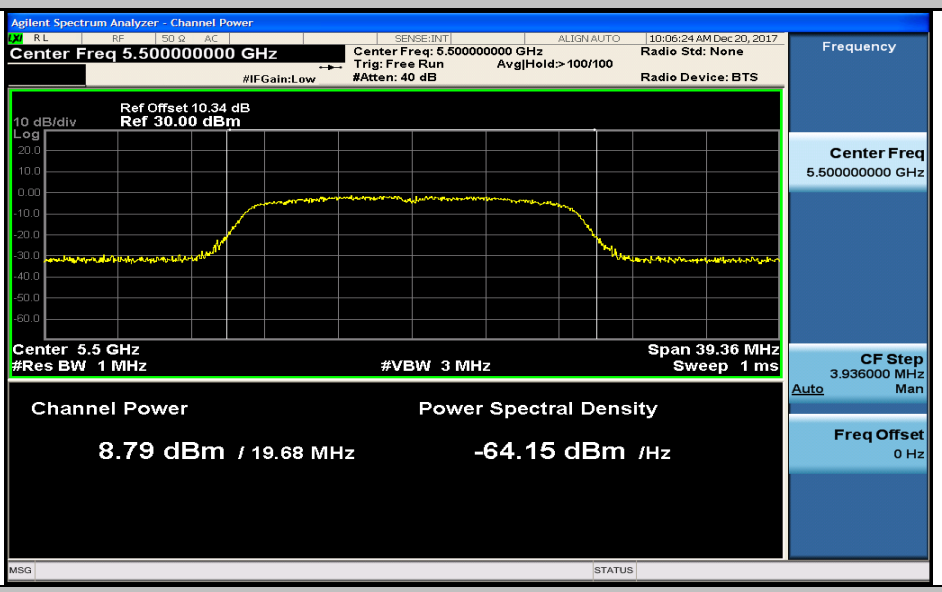

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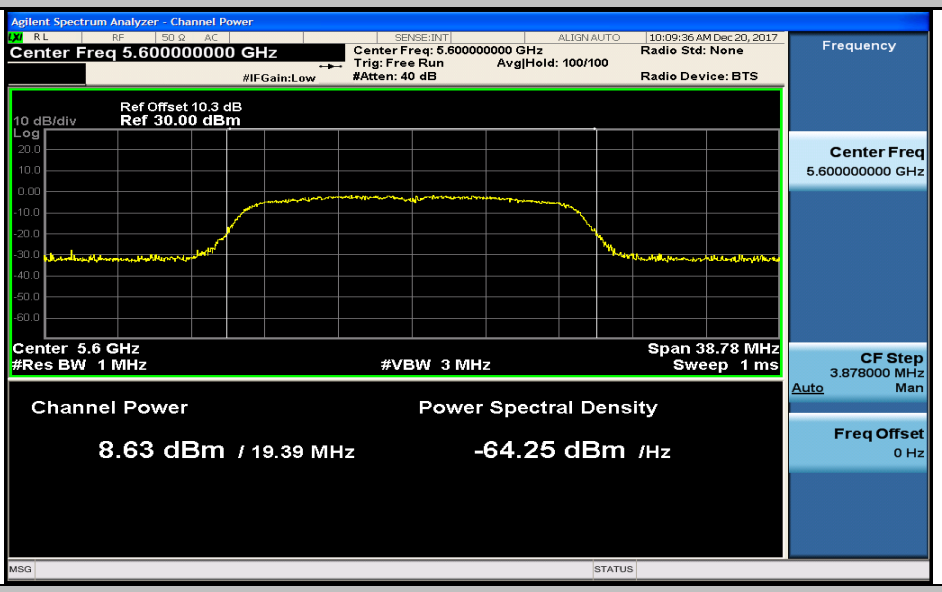

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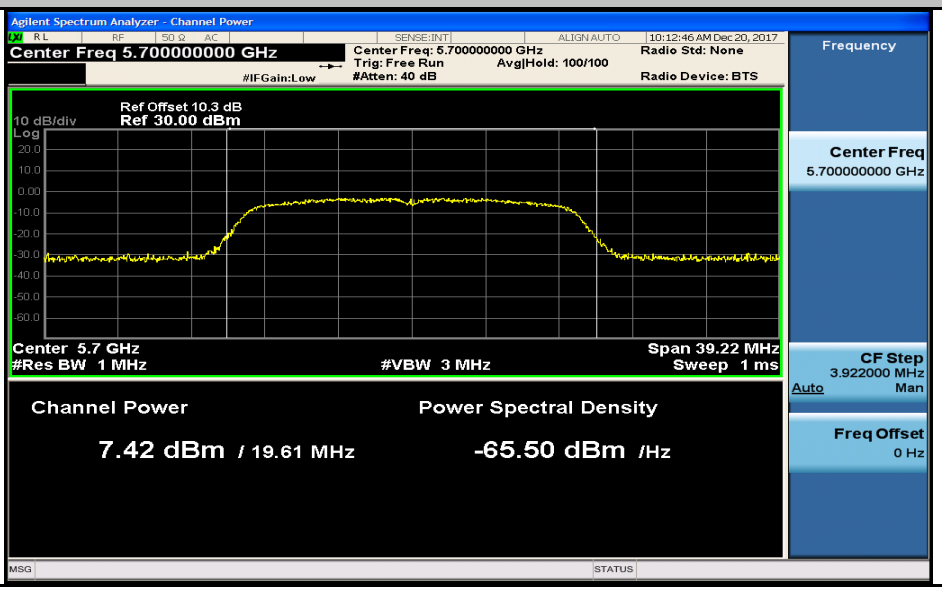

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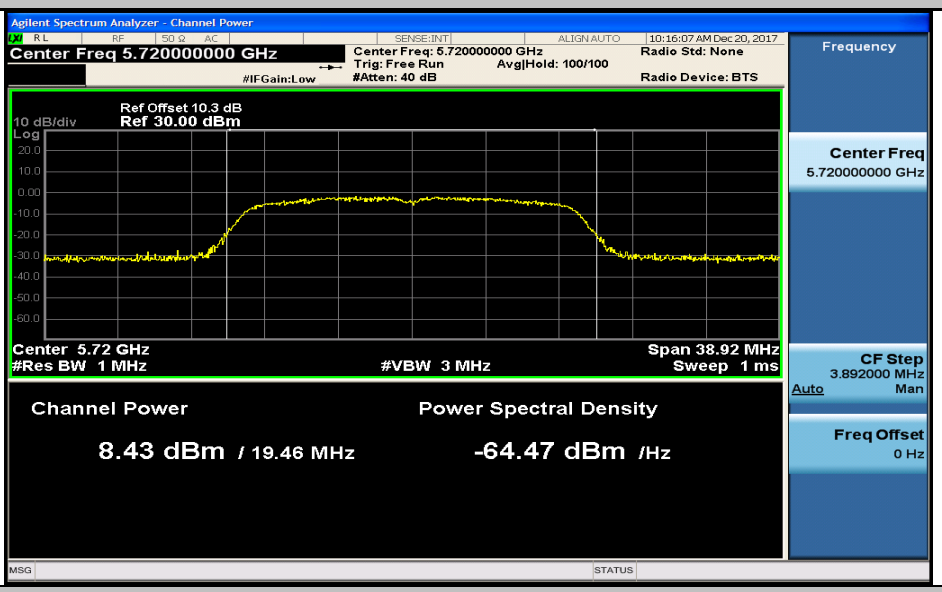

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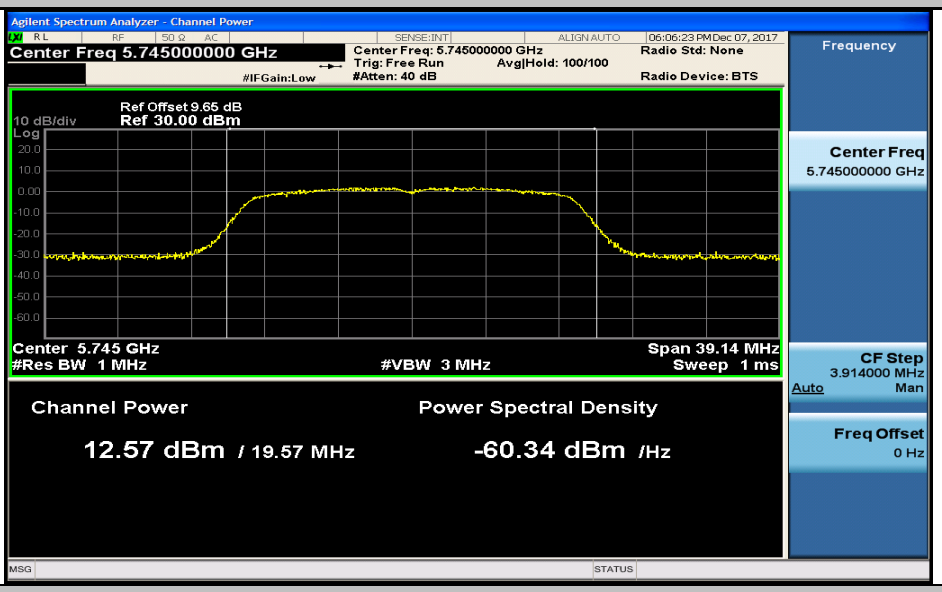

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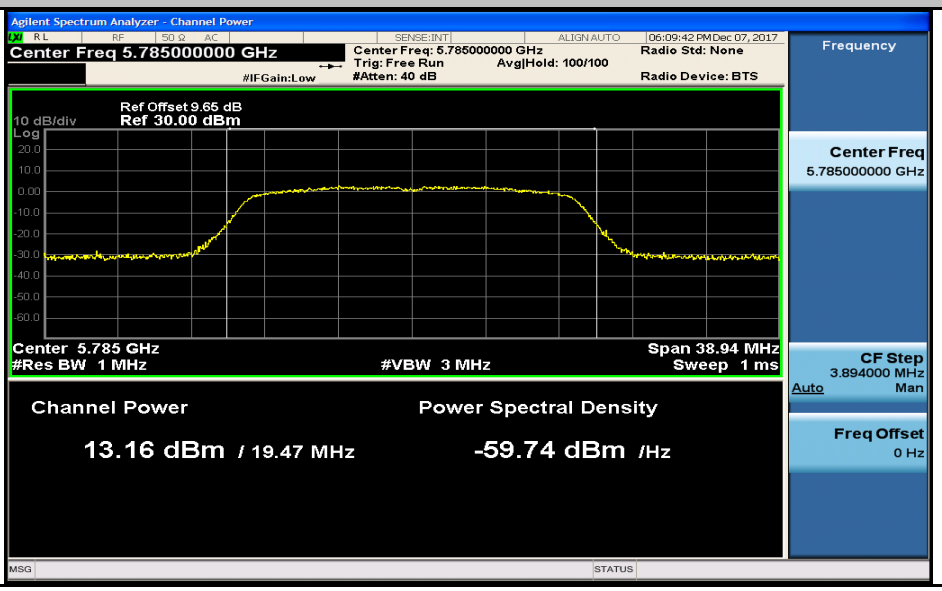

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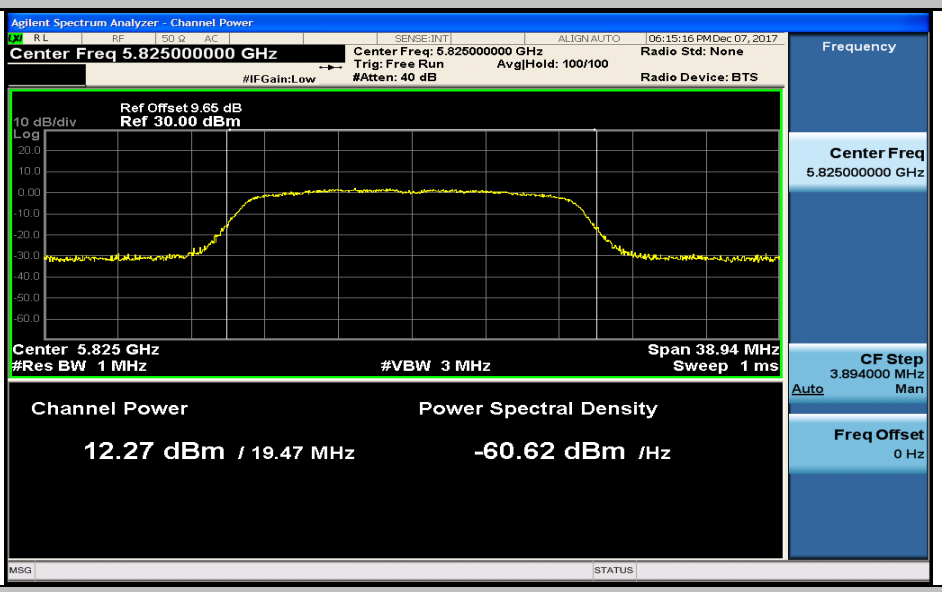

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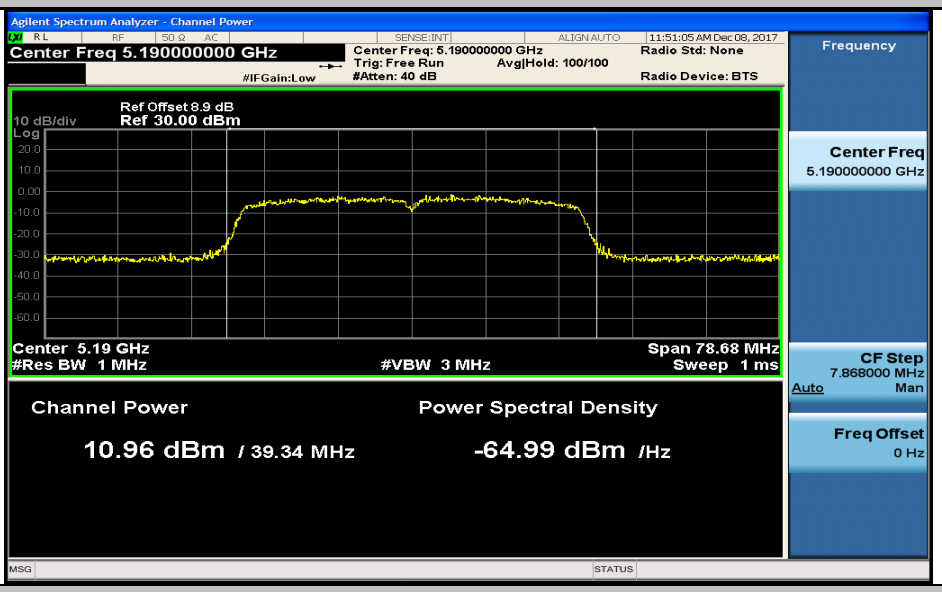

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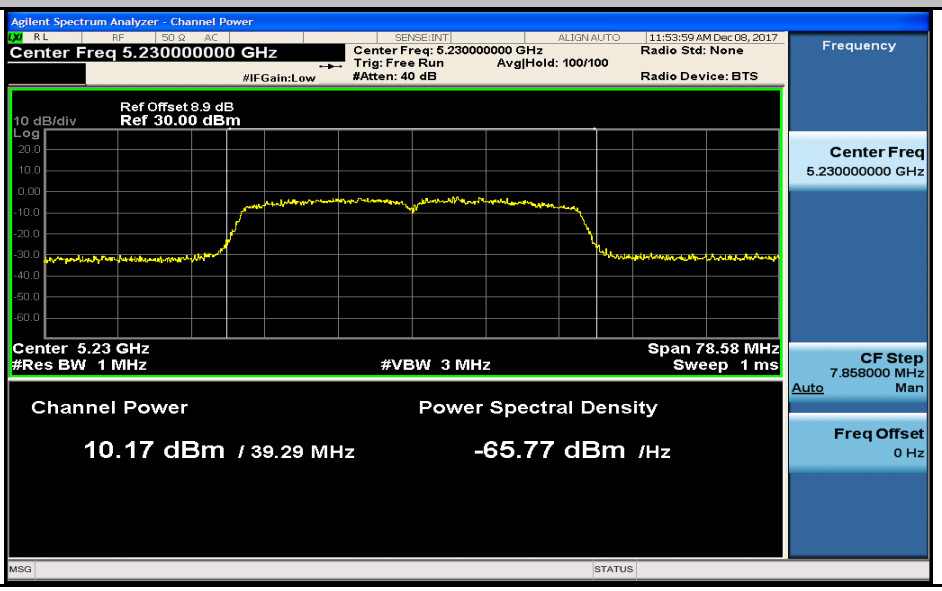

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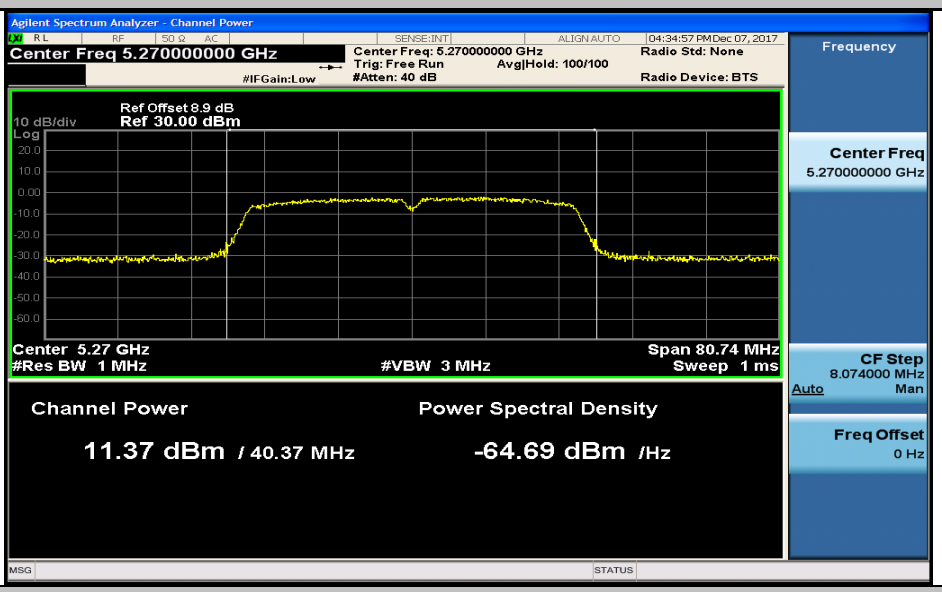

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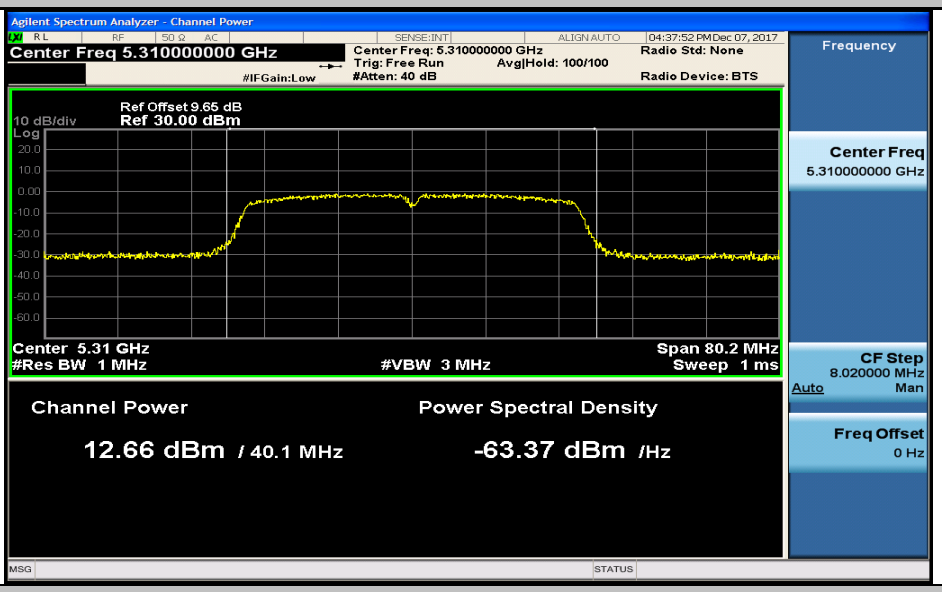
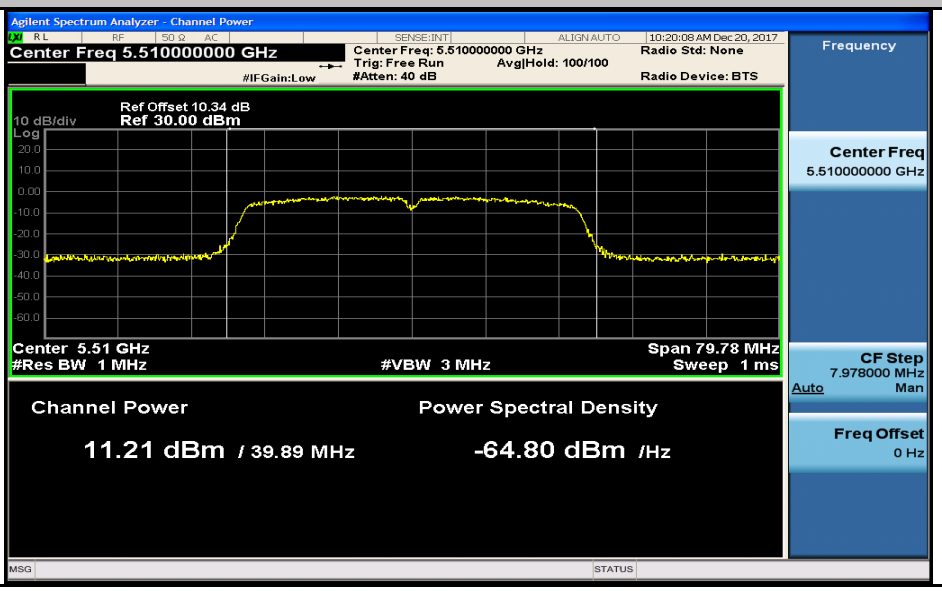


Maximum Conduct Output Power_11AC40_5510_Ant0



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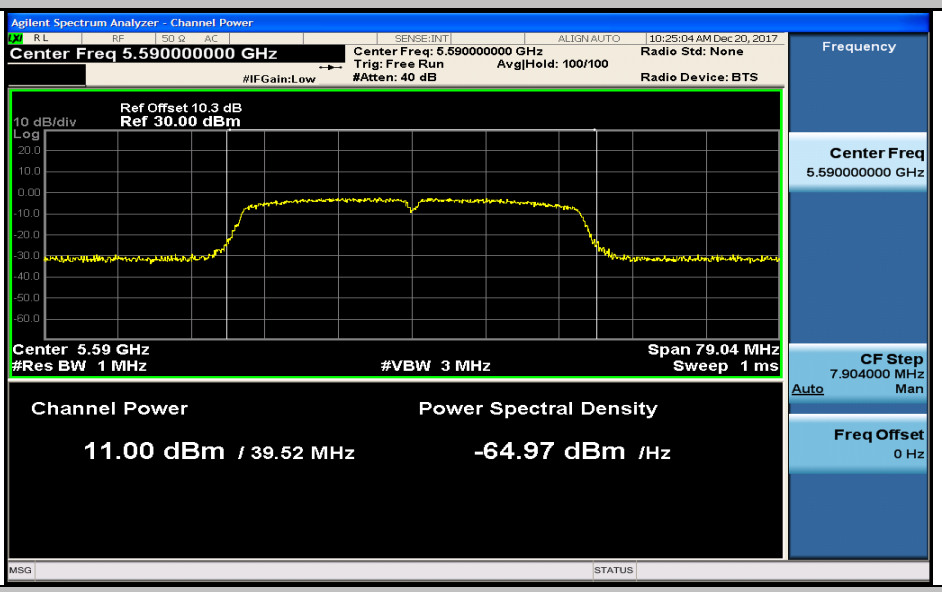

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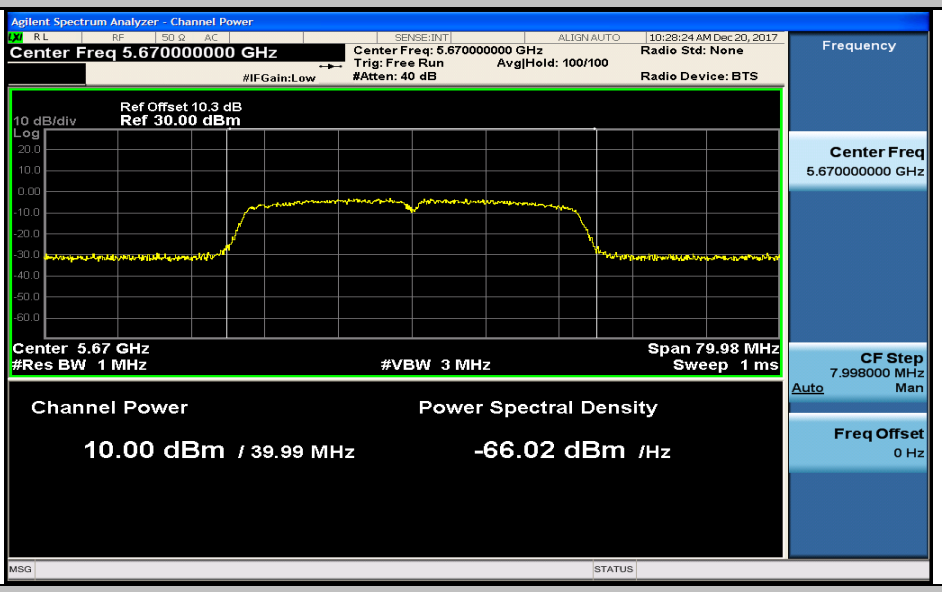
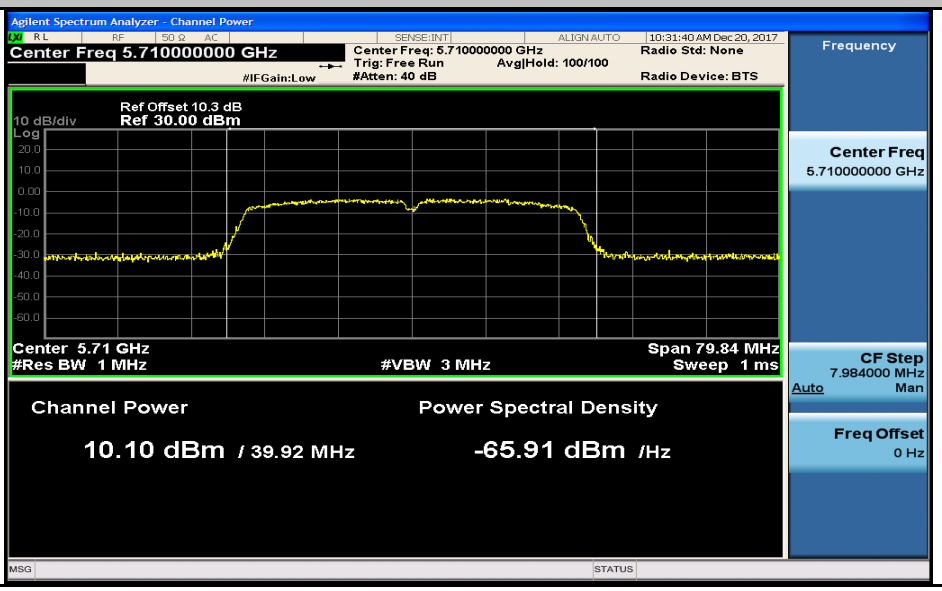


Maximum Conduct Output Power_11AC40_5710_Ant0



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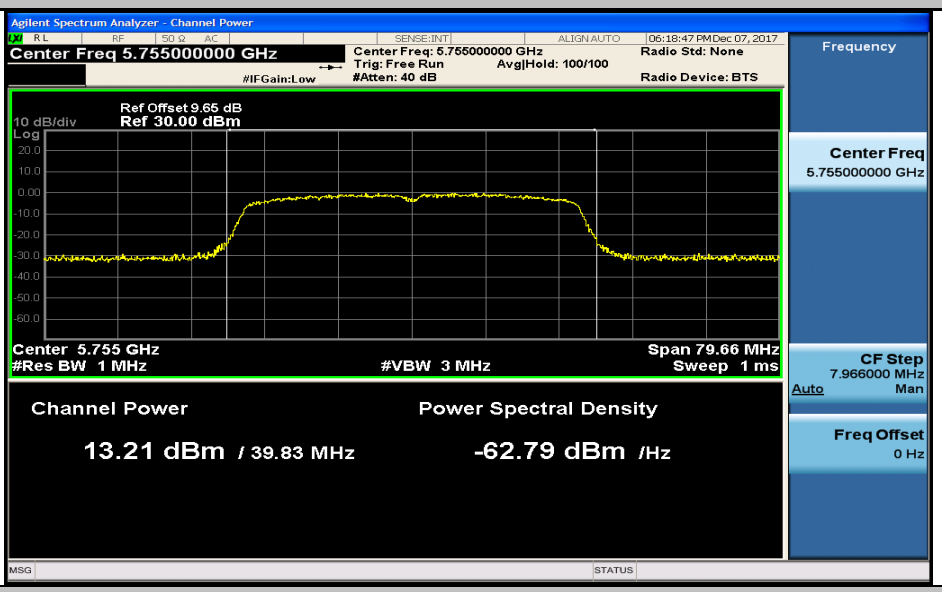

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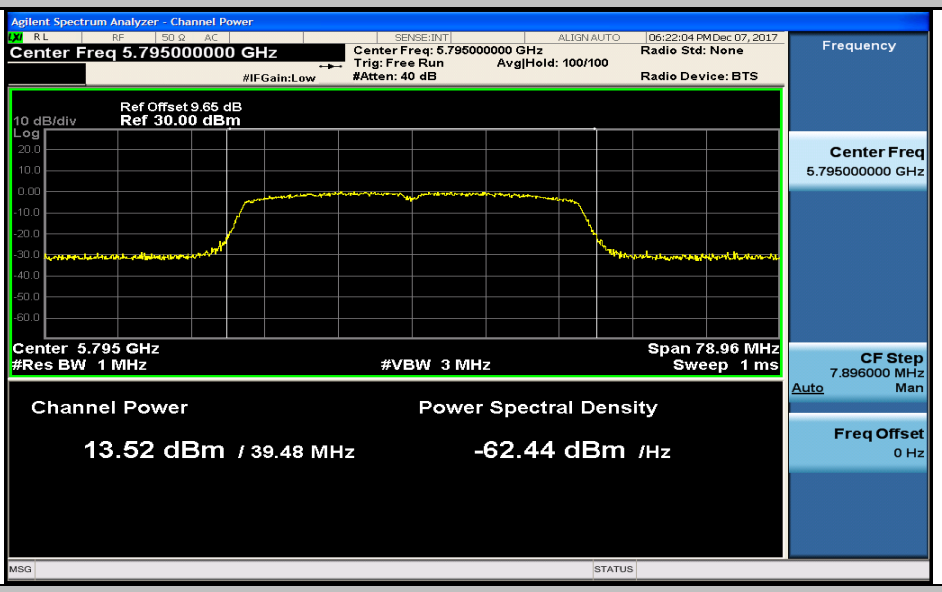

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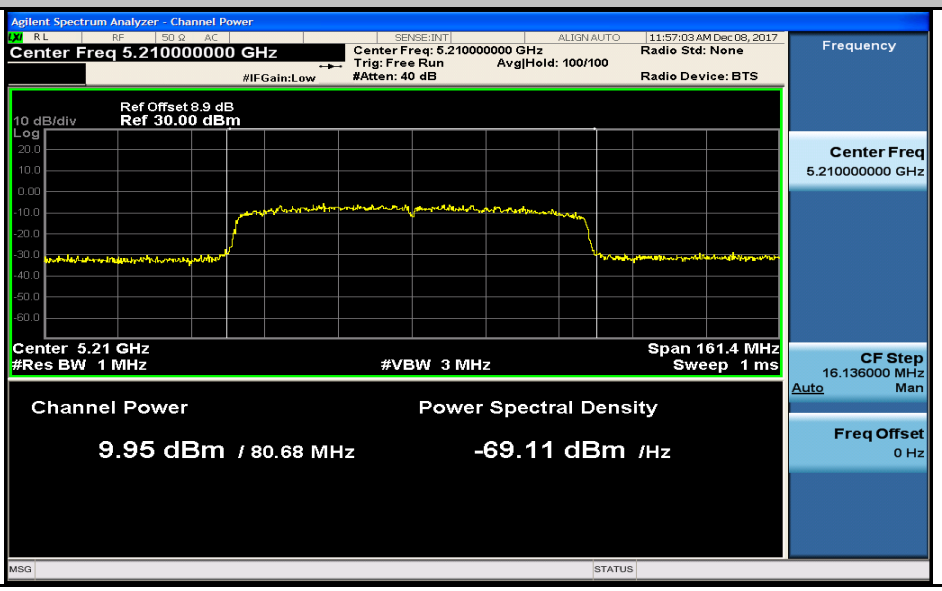
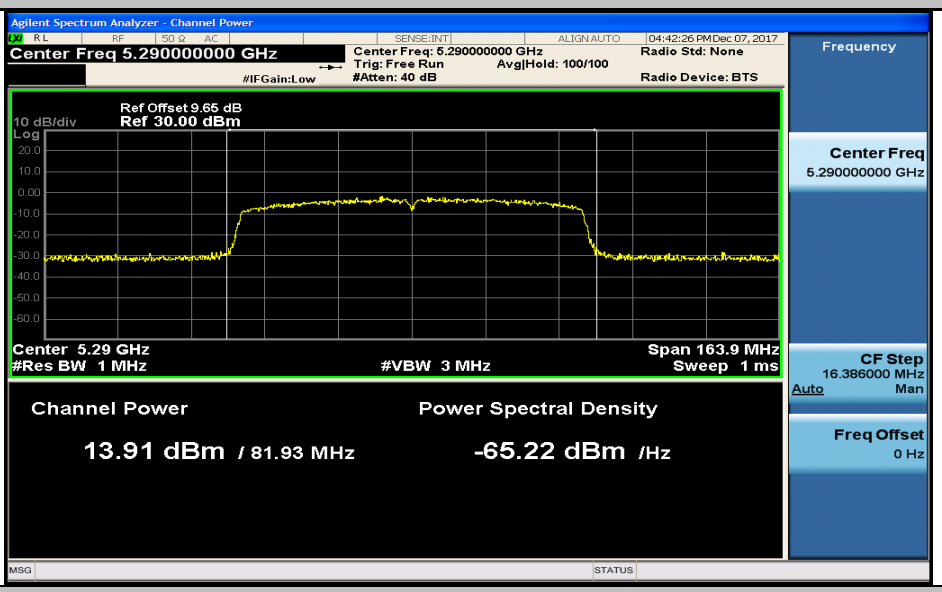


Maximum Conduct Output Power_11AC80_5290_Ant0



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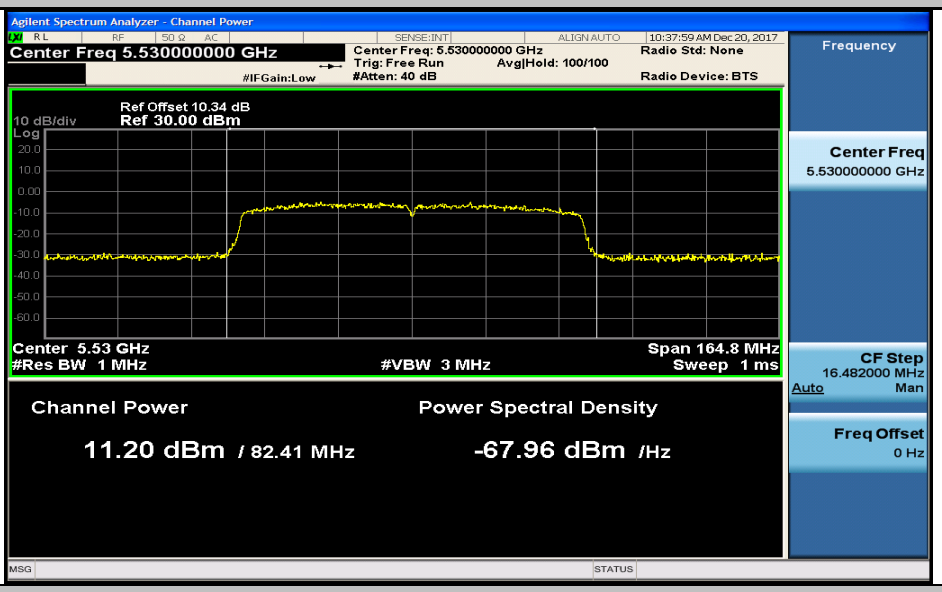

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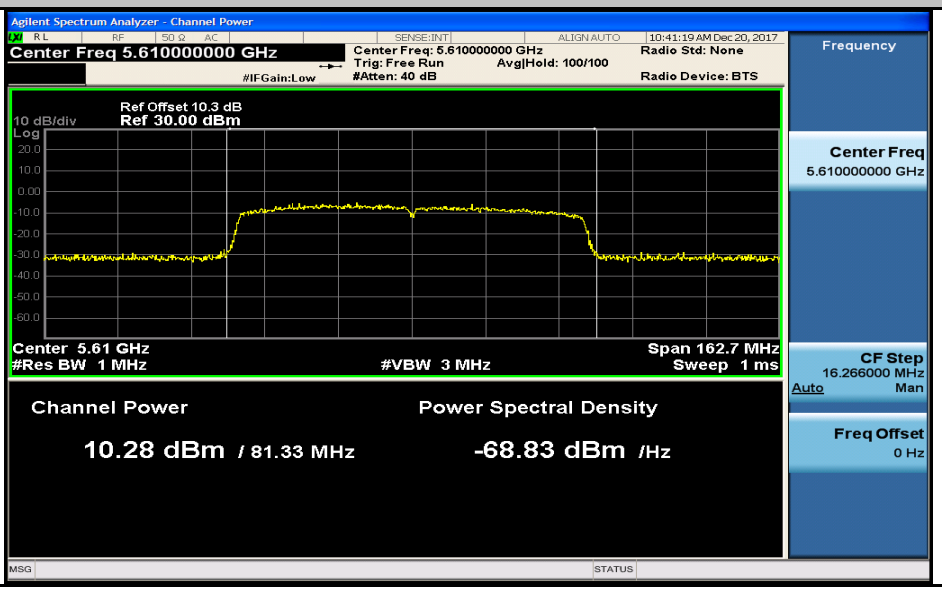

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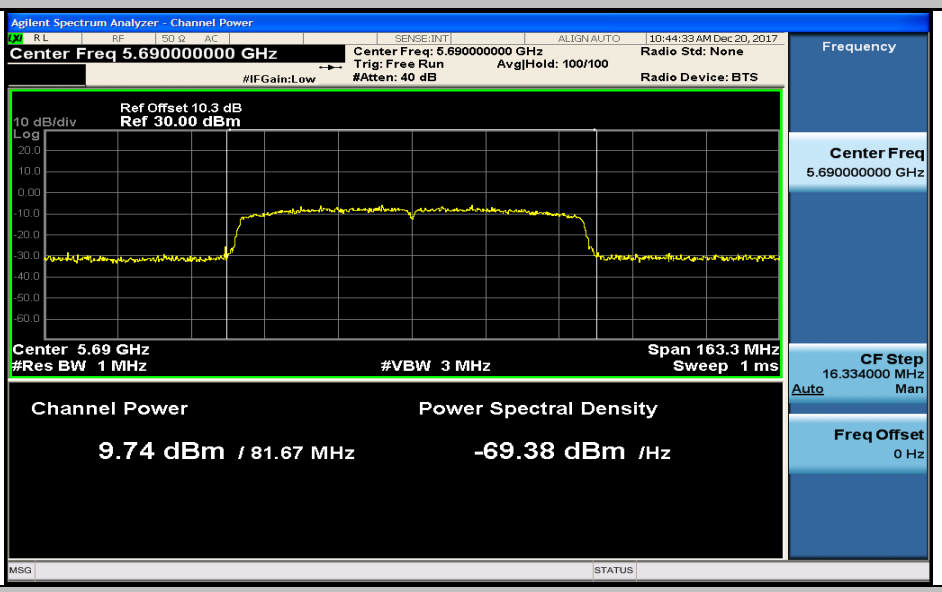

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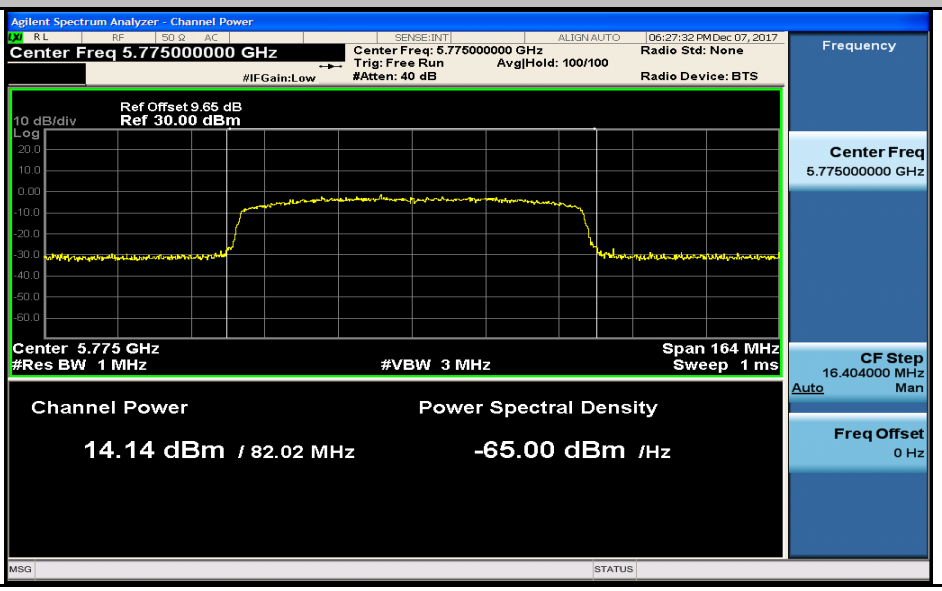

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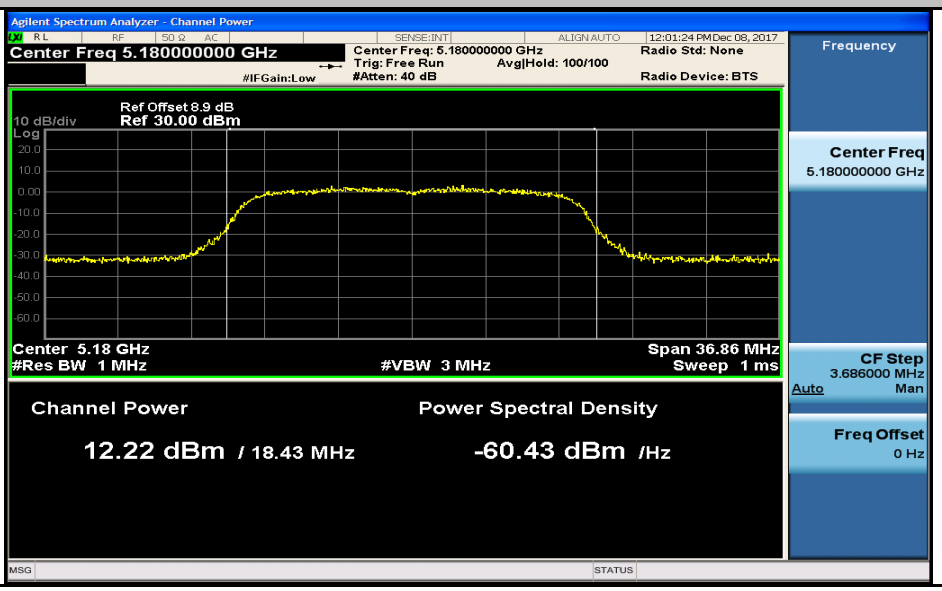

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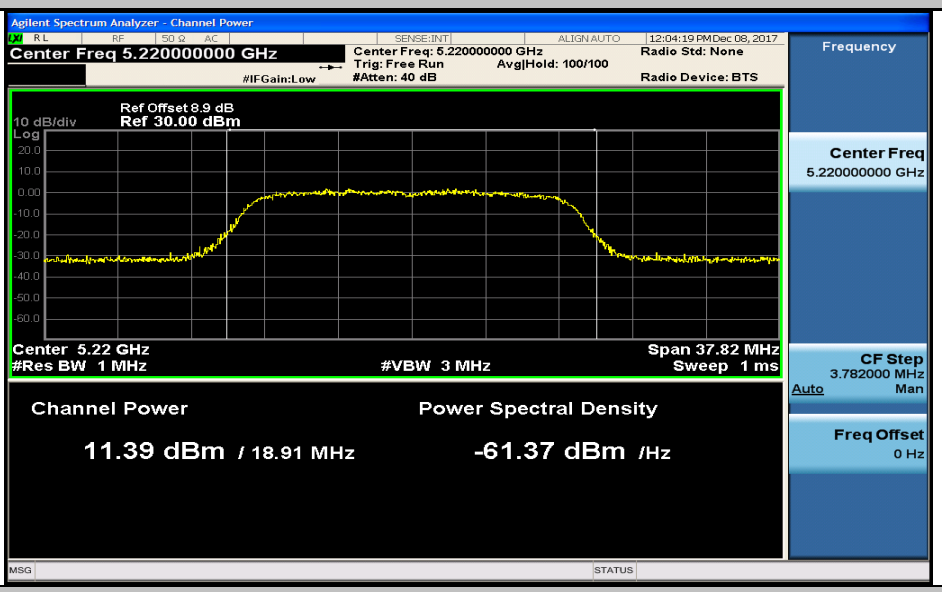
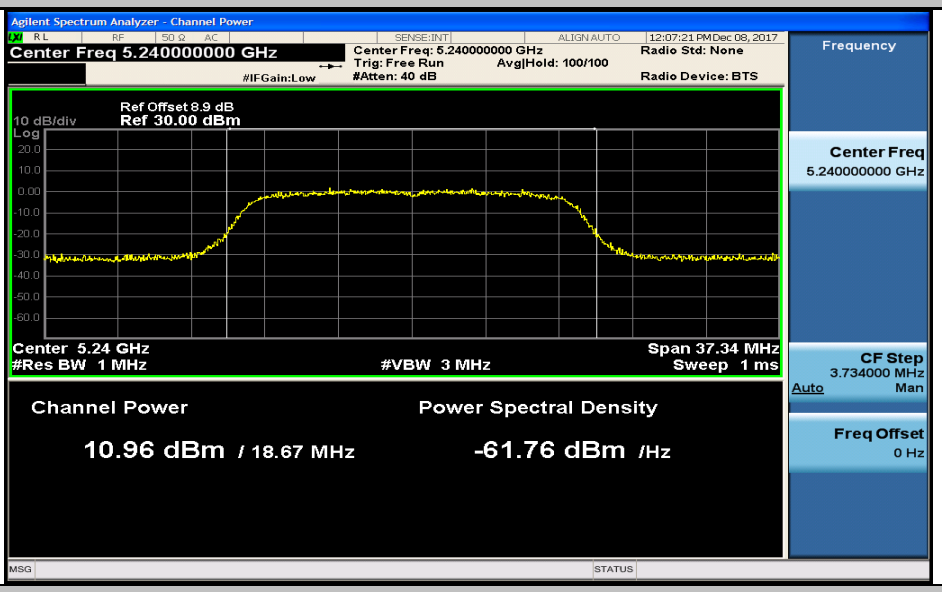
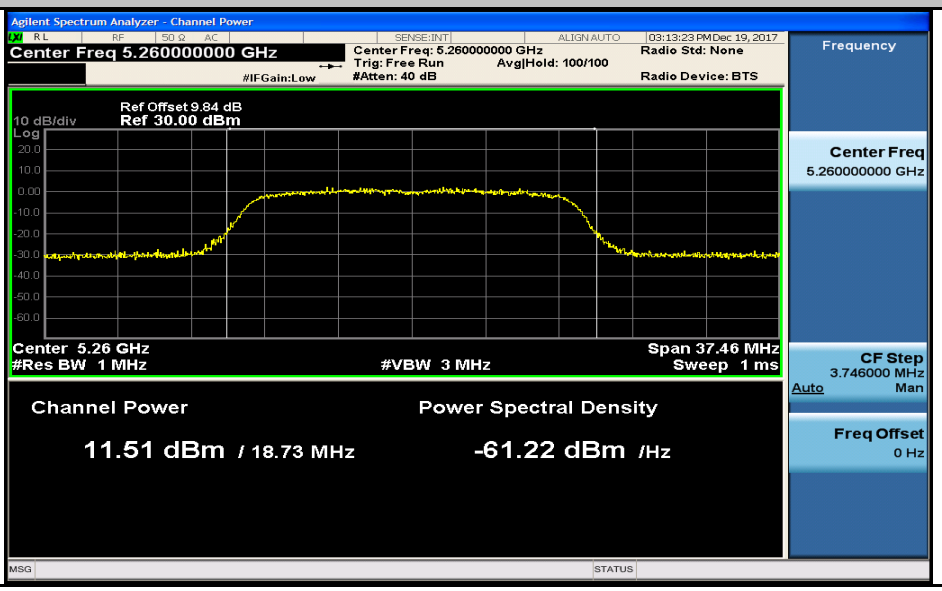


Maximum Conduct Output Power_11A_5240_Ant1



Maximum Conduct Output Power_11A_5260_Ant1



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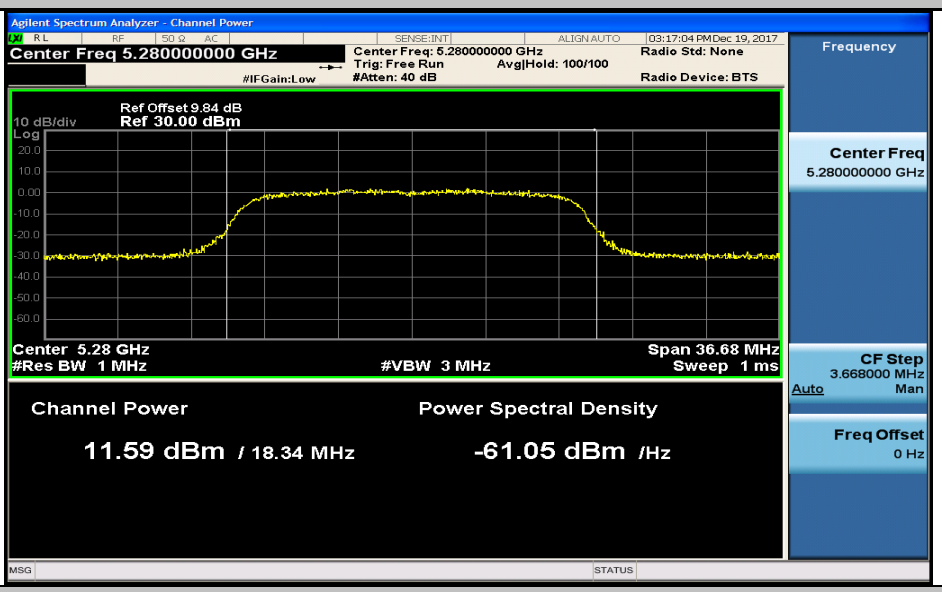
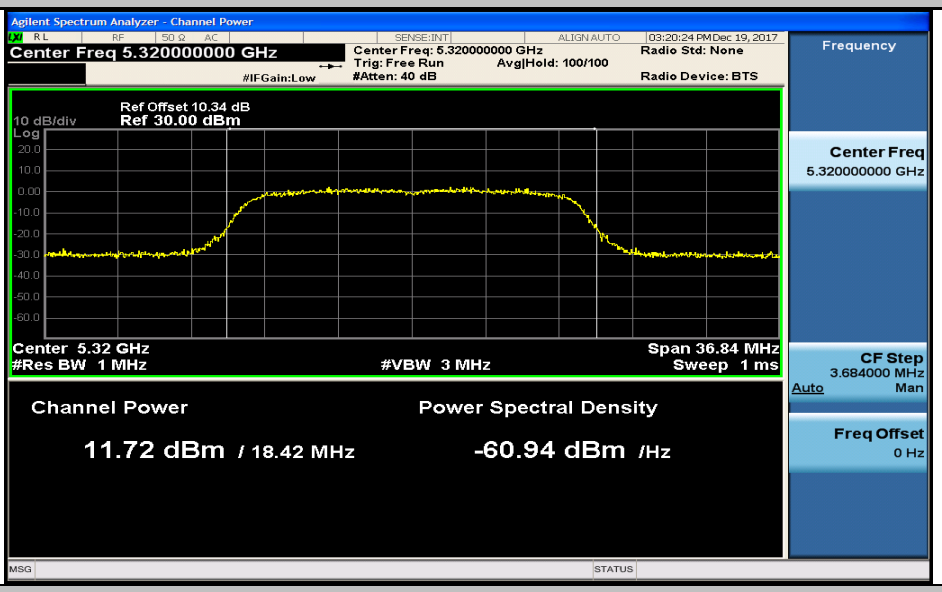
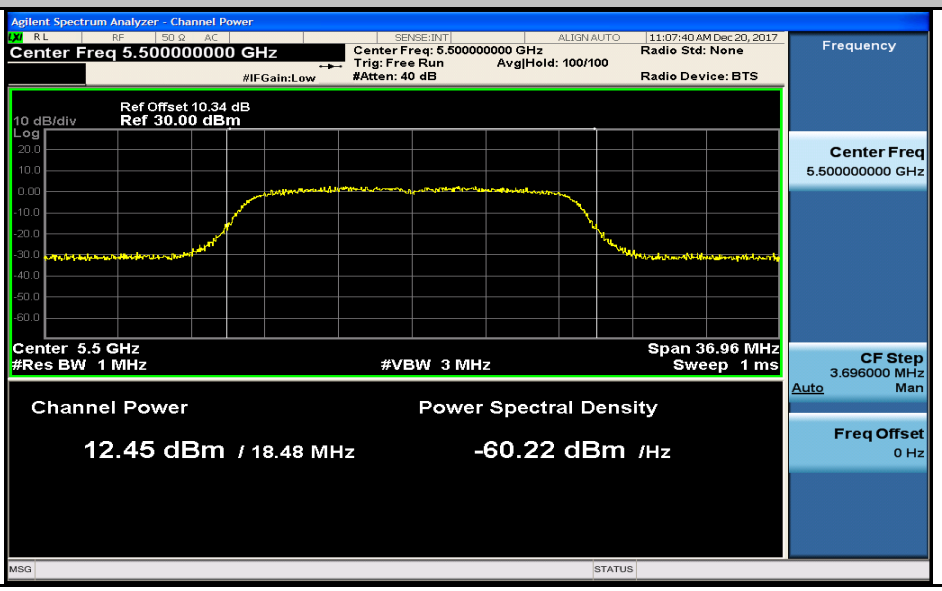


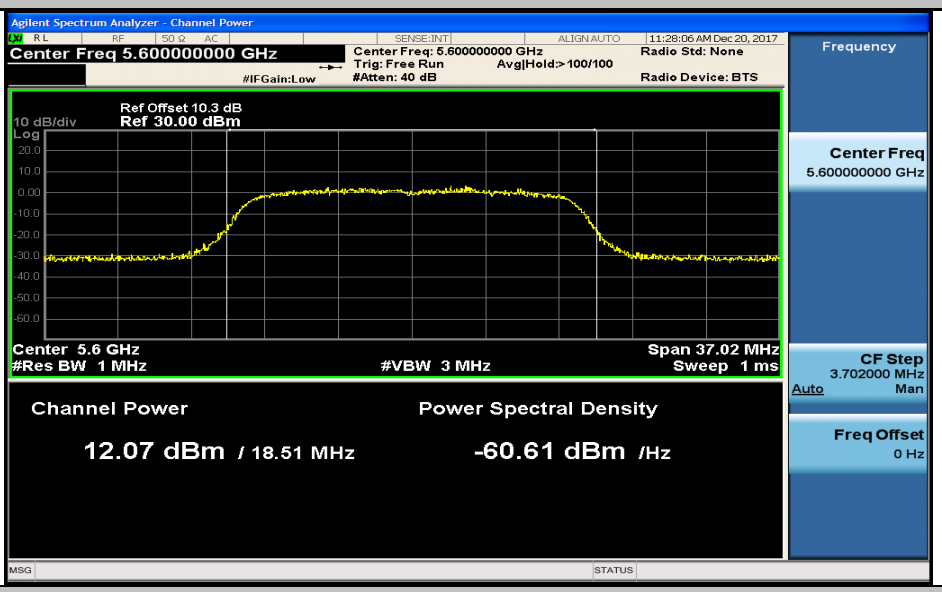
Maximum Conduct Output Power_11A_5320_Ant1



Maximum Conduct Output Power_11A_5500_Ant1



Maximum Conduct Output Power_11A_5600_Ant1



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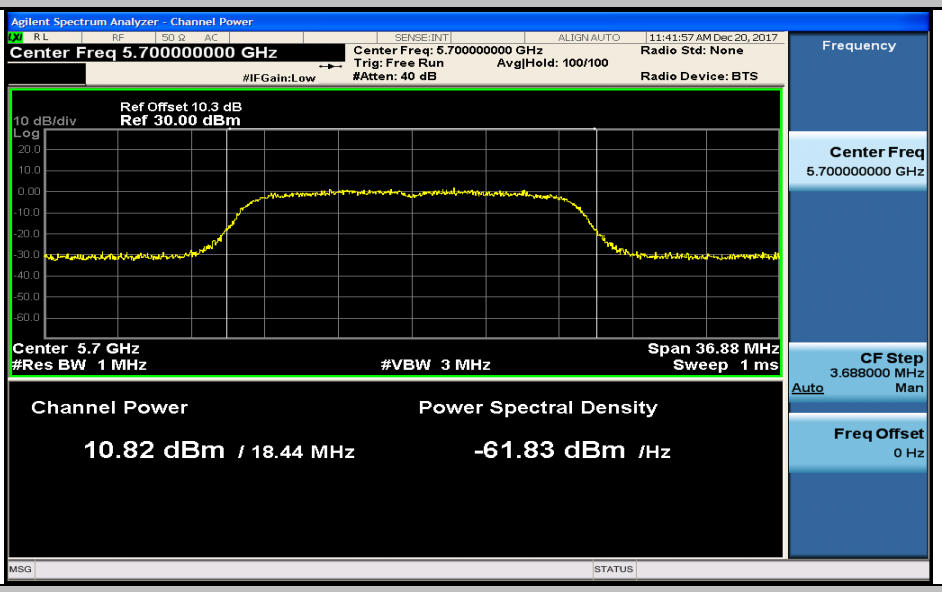
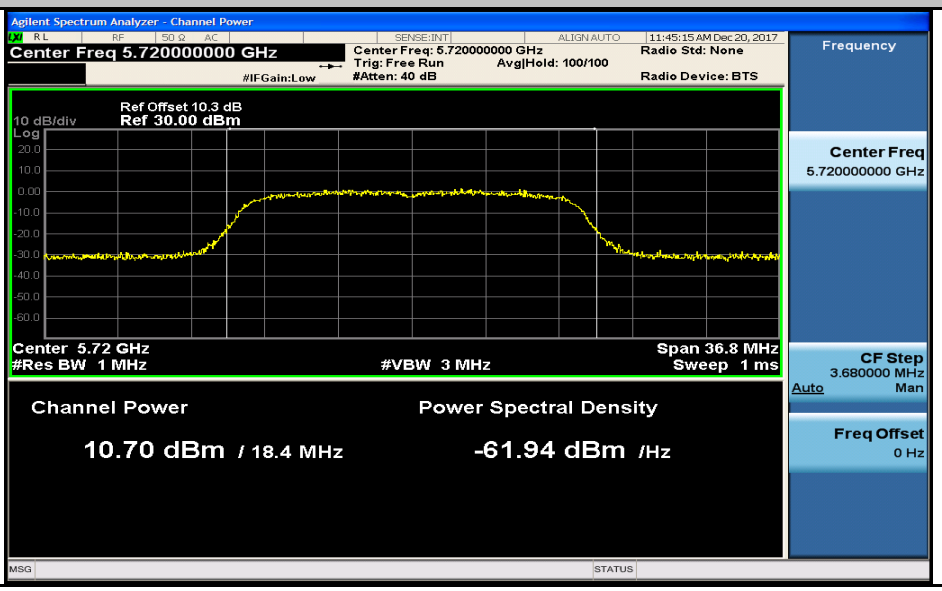


Maximum Conduct Output Power_11A_5720_Ant1



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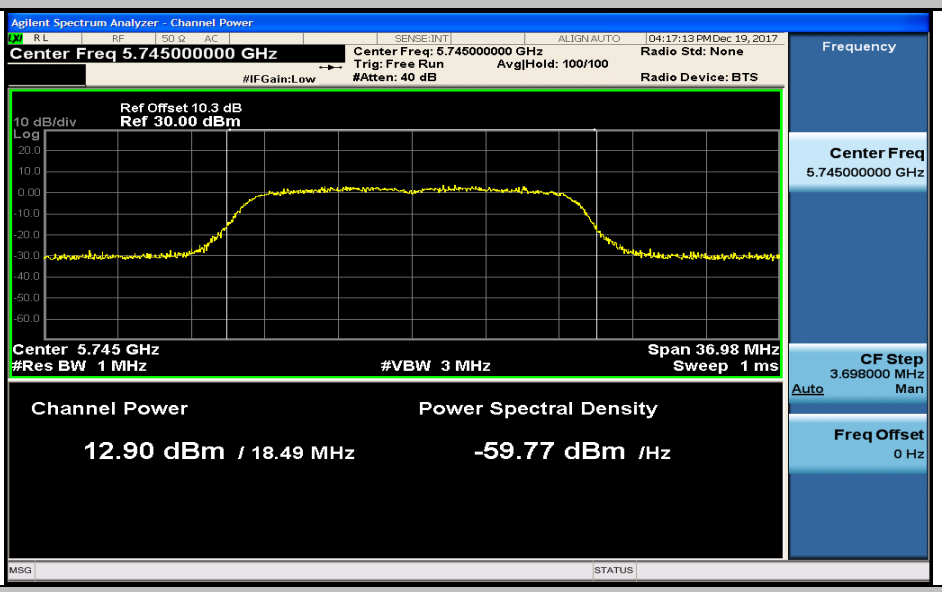

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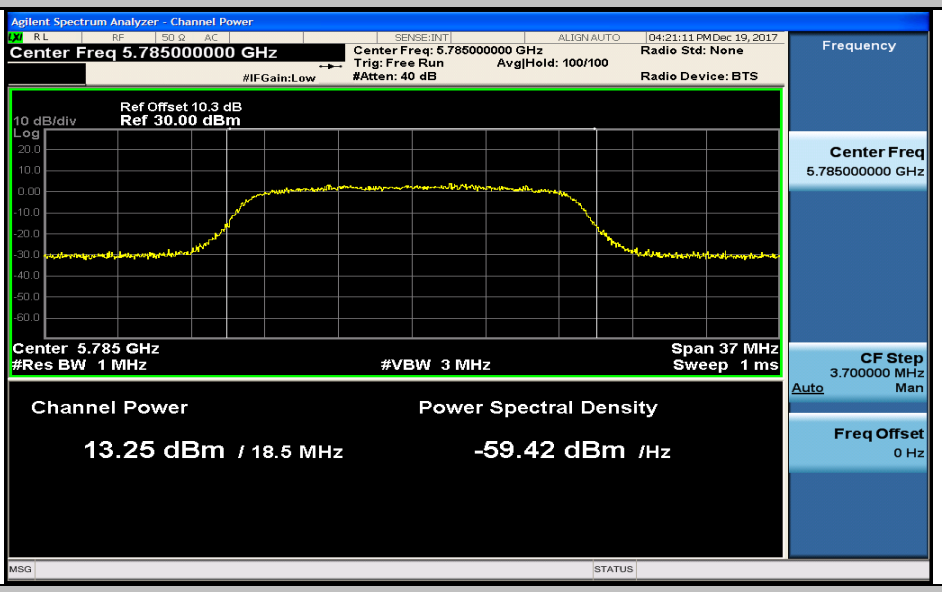
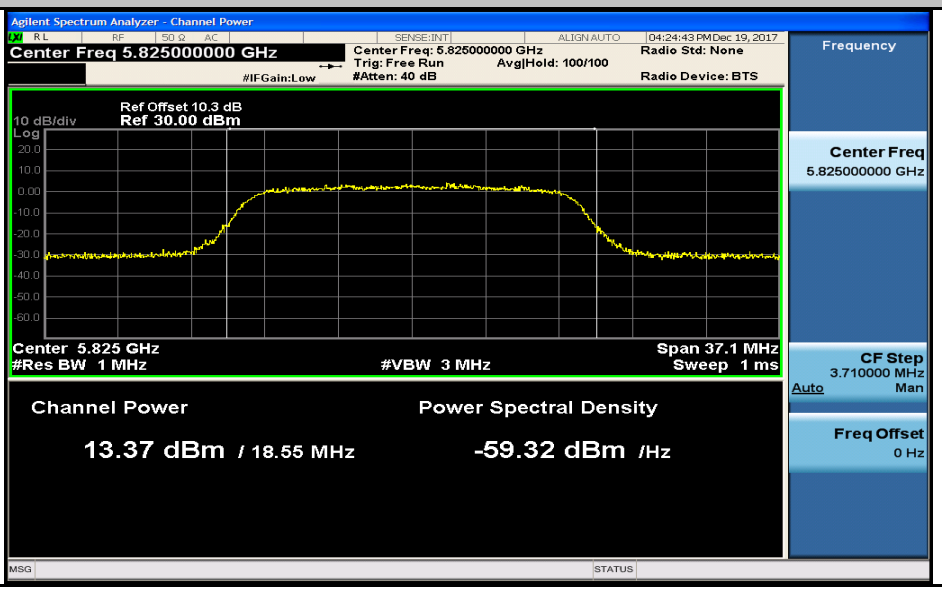
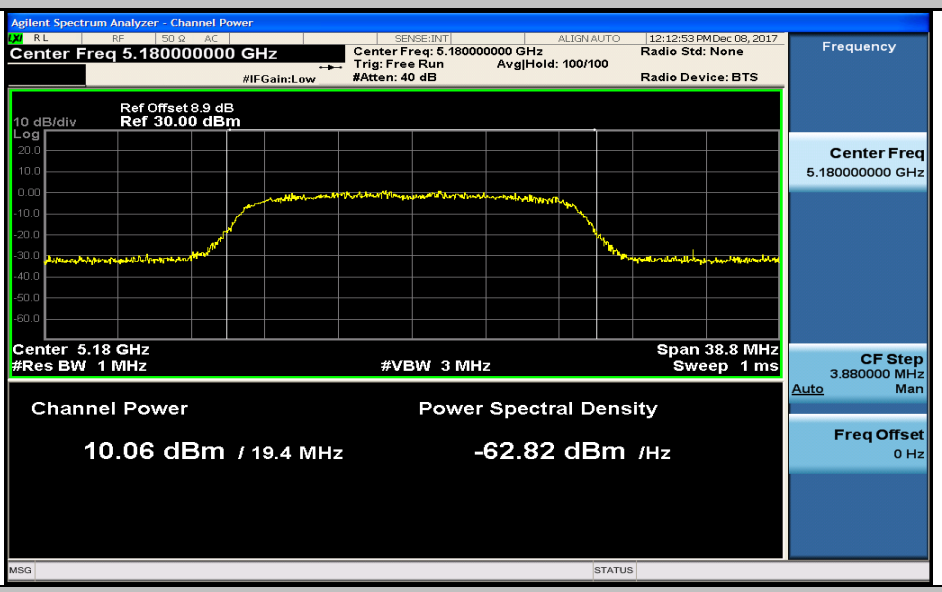


Maximum Conduct Output Power_11A_5825_Ant1



Maximum Conduct Output Power_11N20_5180_Ant1



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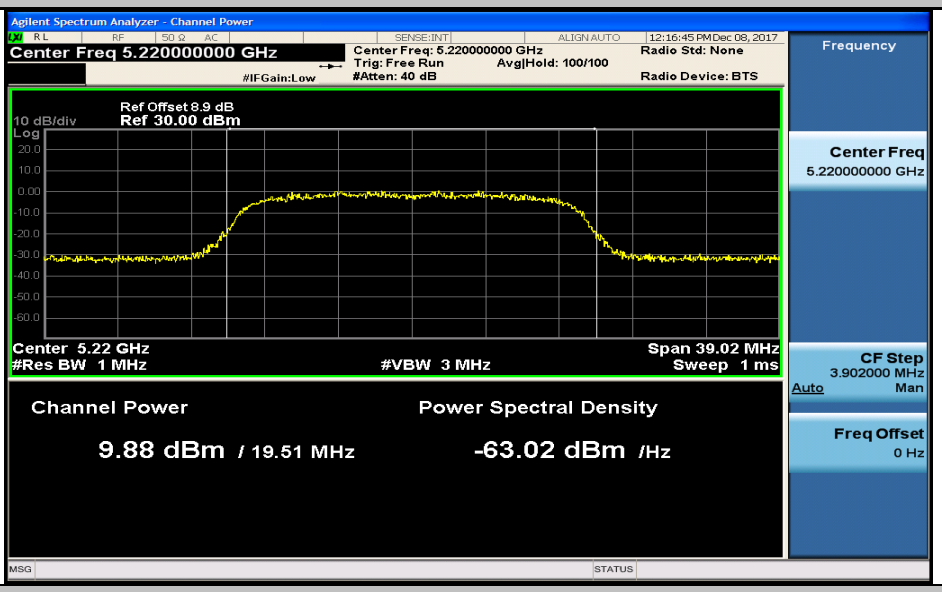

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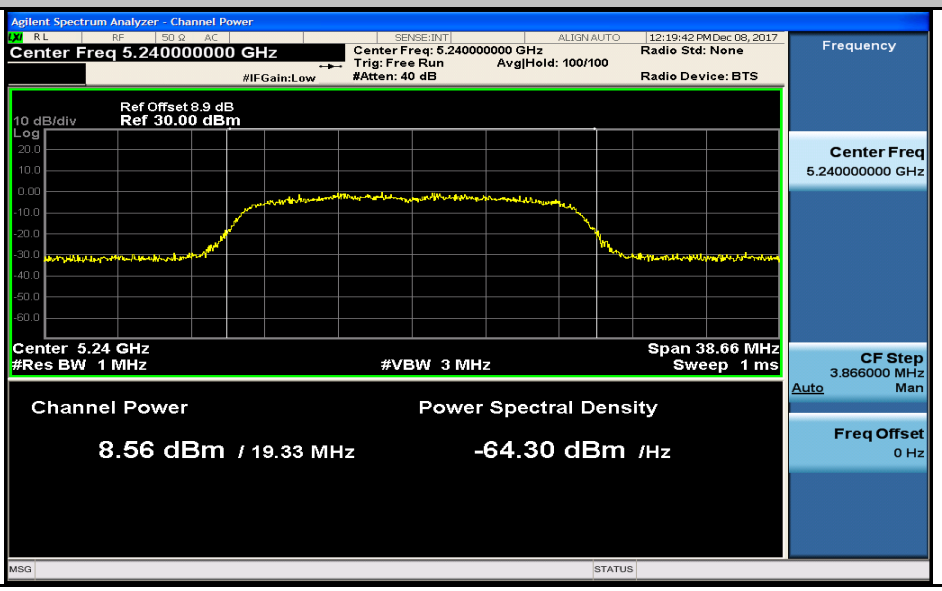
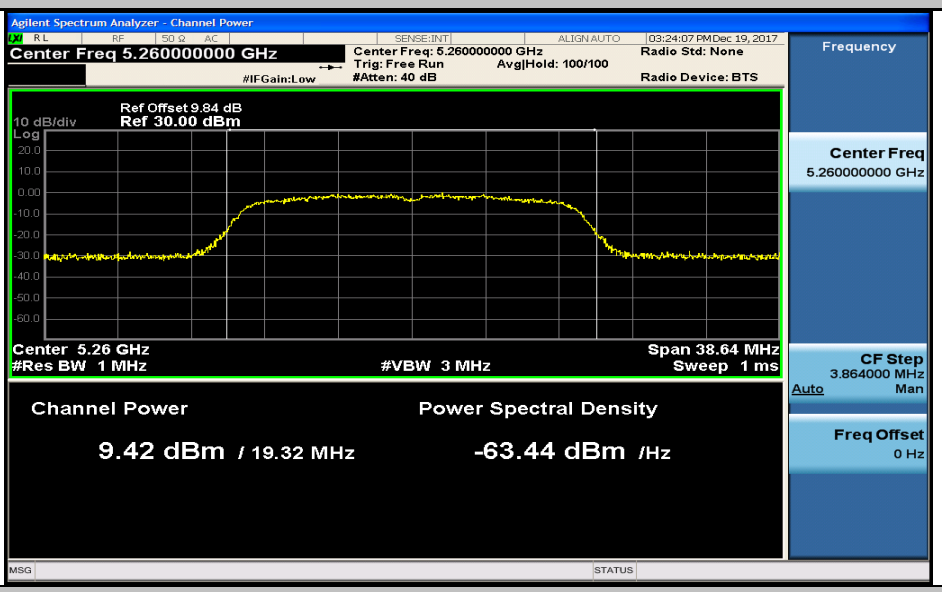


Maximum Conduct Output Power_11N20_5260_Ant1



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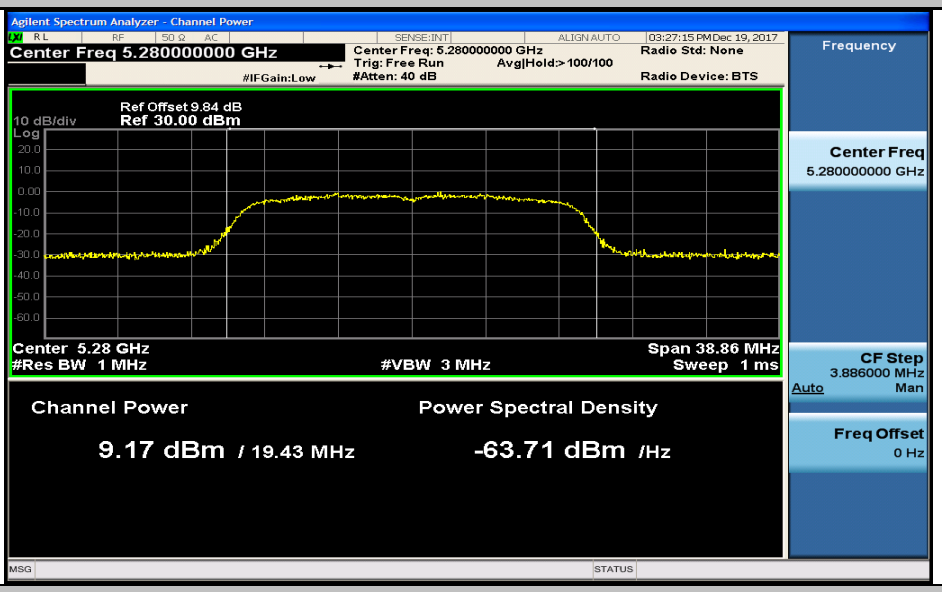

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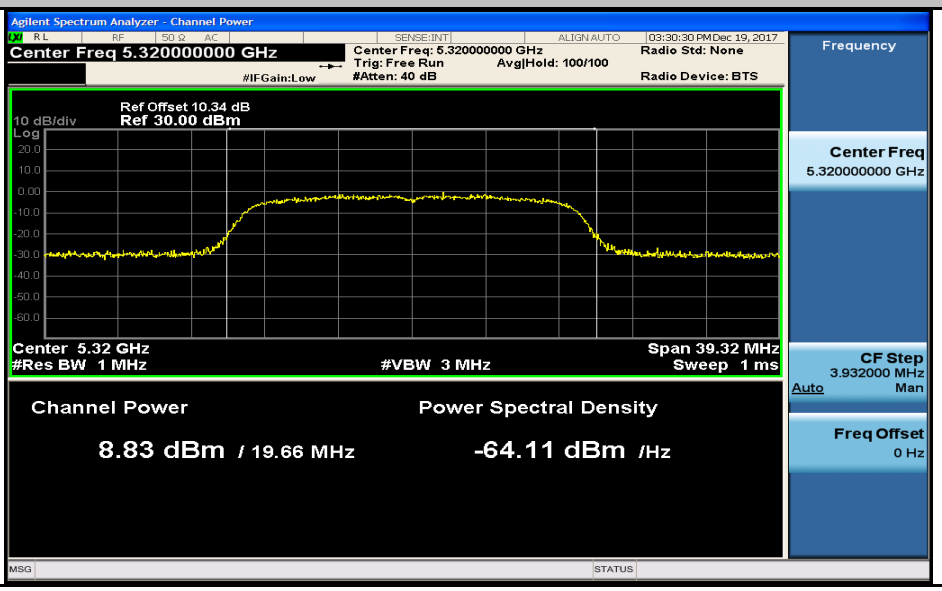
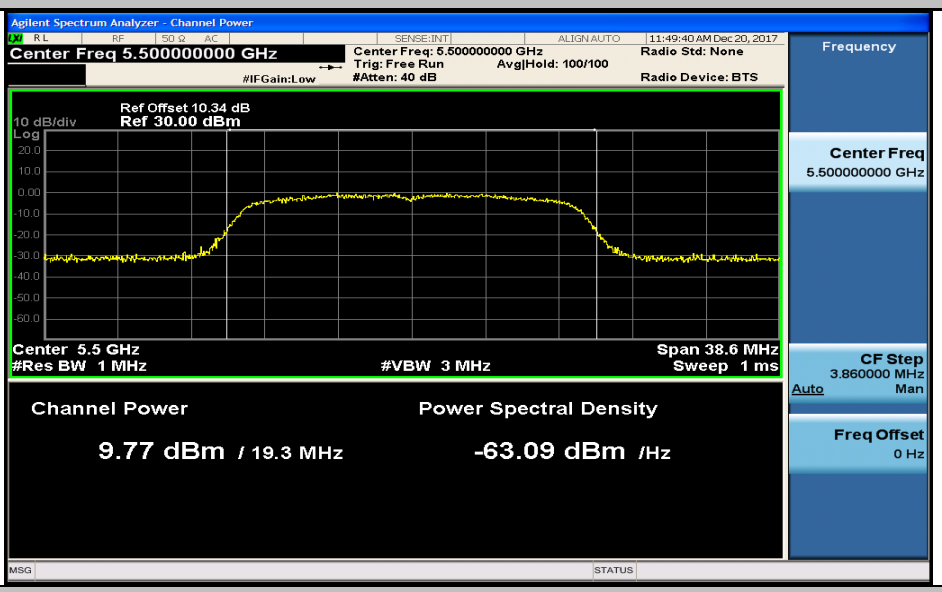
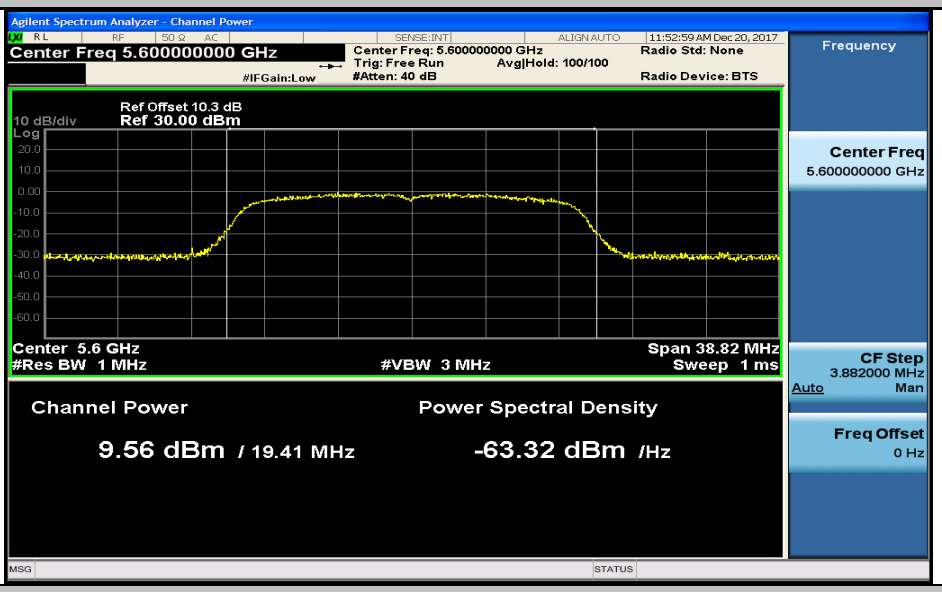


Maximum Conduct Output Power_11N20_5500_Ant1



Maximum Conduct Output Power_11N20_5600_Ant1



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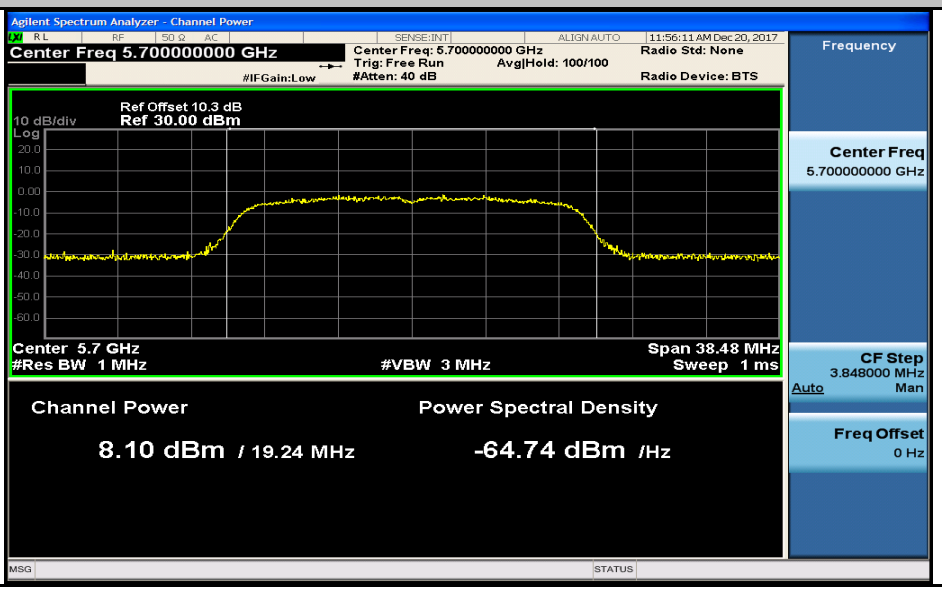

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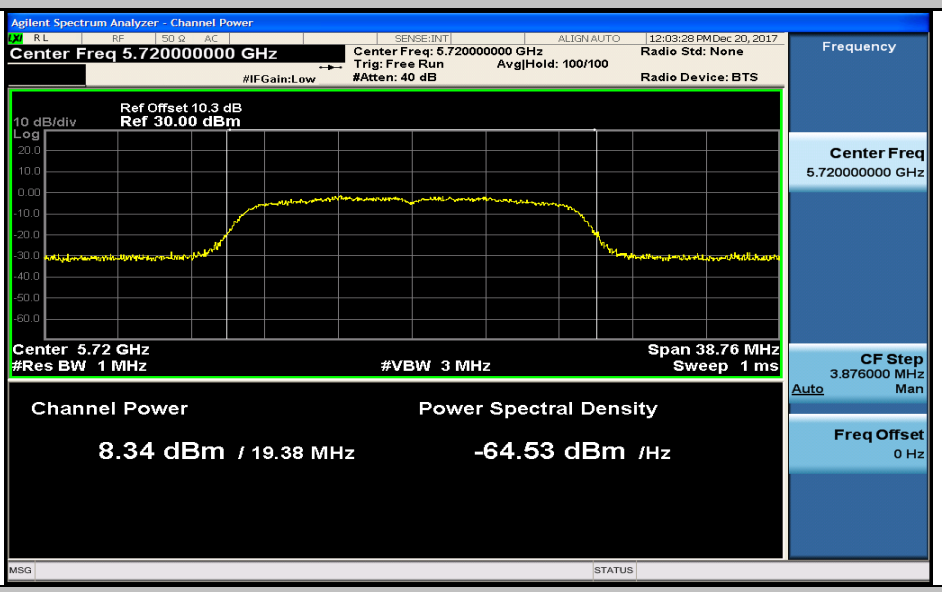

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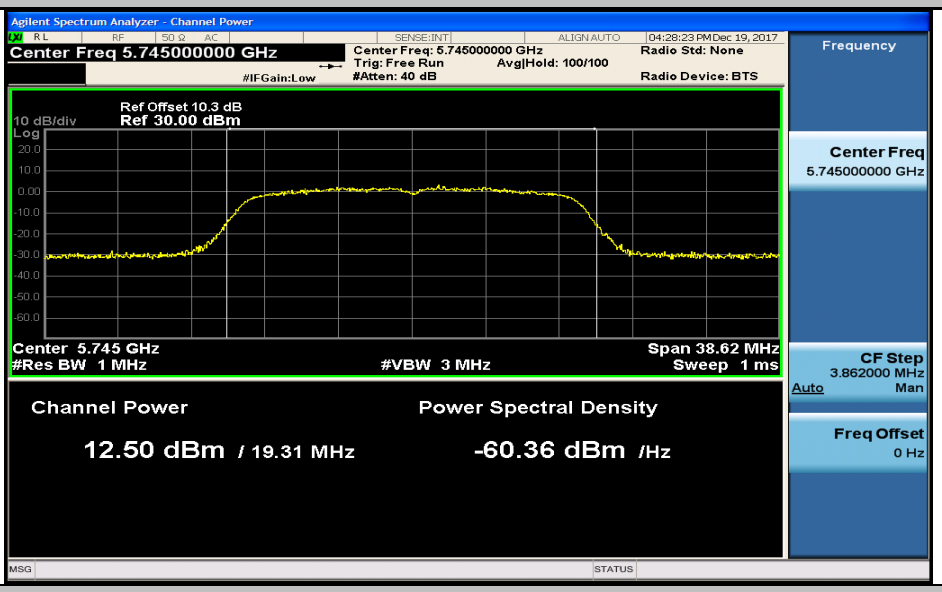

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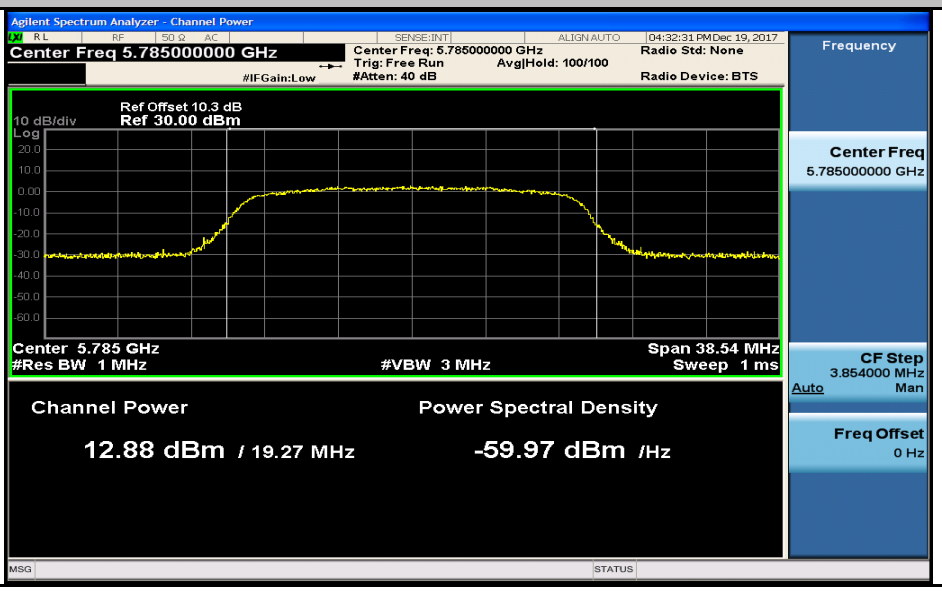
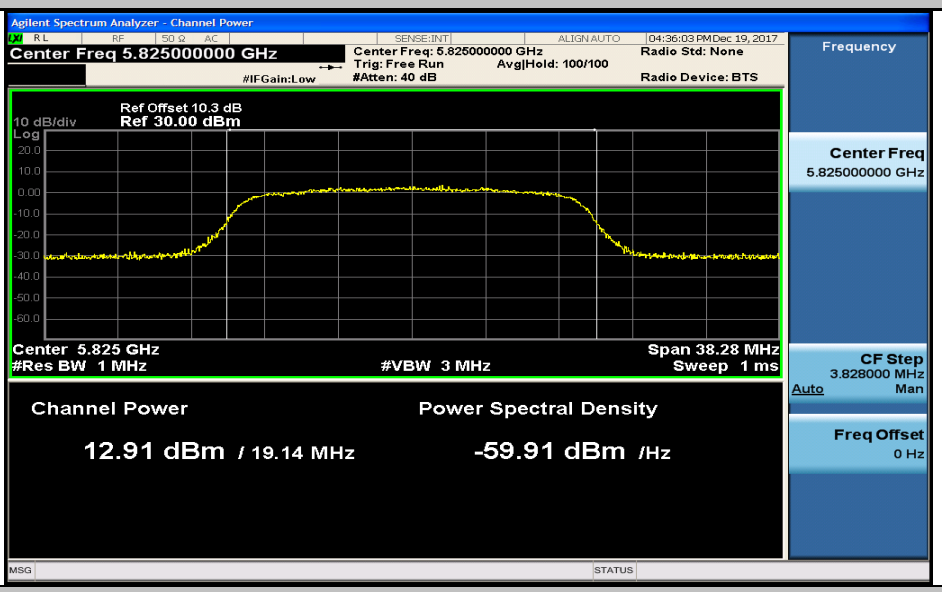
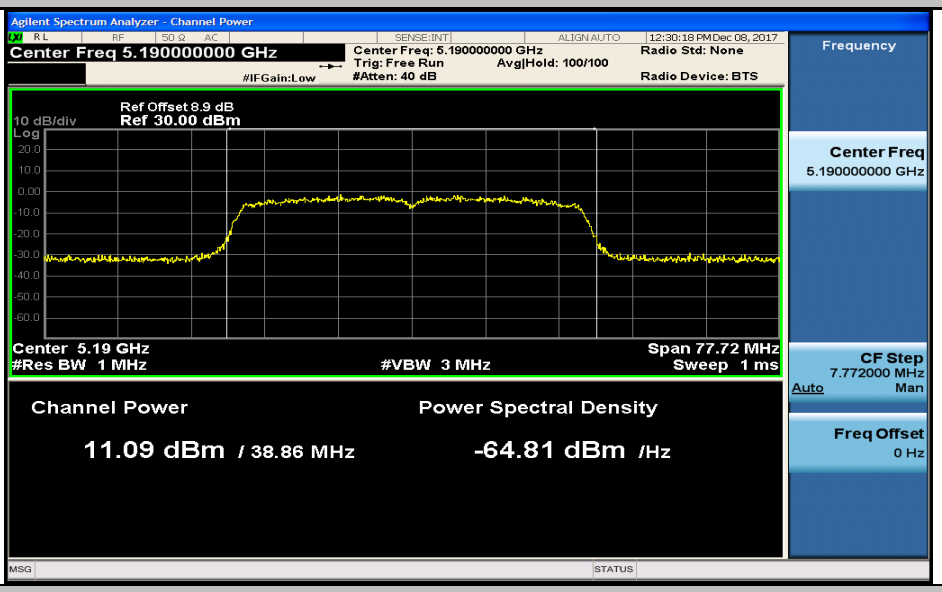


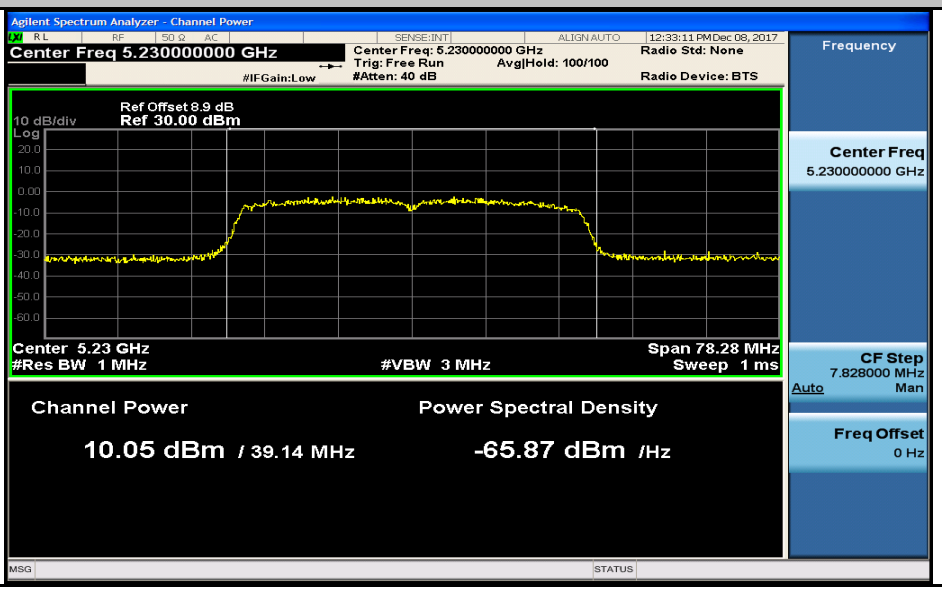
Maximum Conduct Output Power_11N20_5825_Ant1



Maximum Conduct Output Power_11N40_5190_Ant1



Maximum Conduct Output Power_11N40_5230_Ant1



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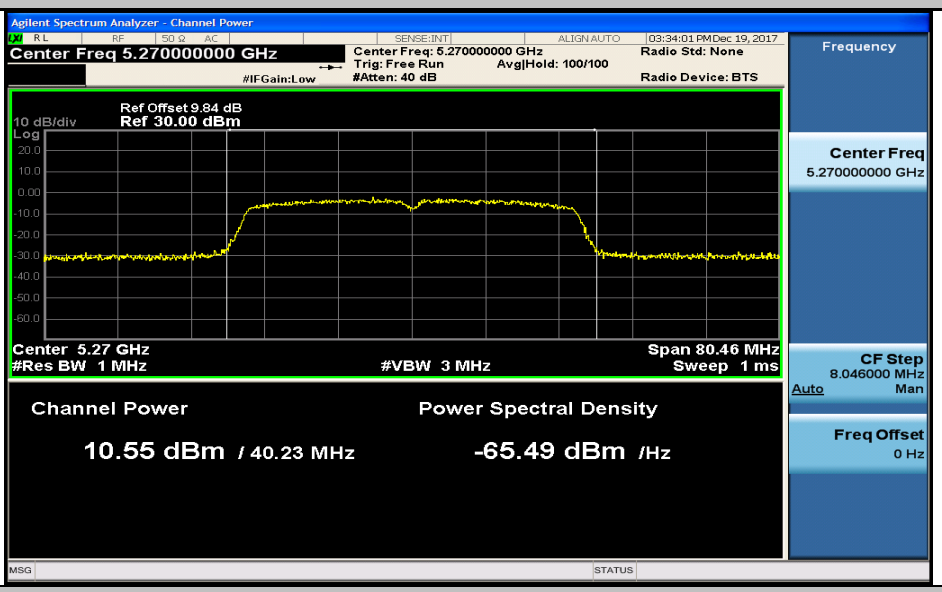

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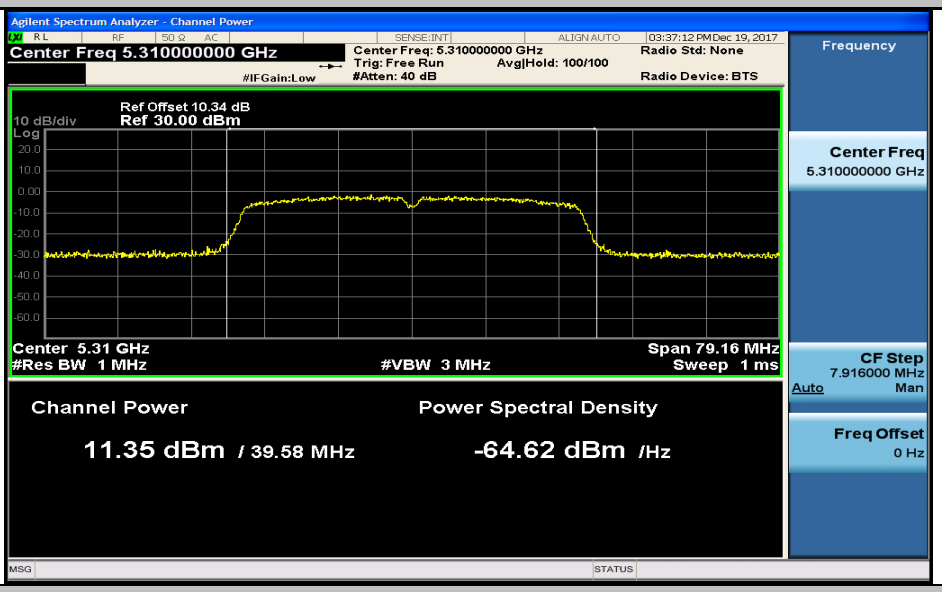

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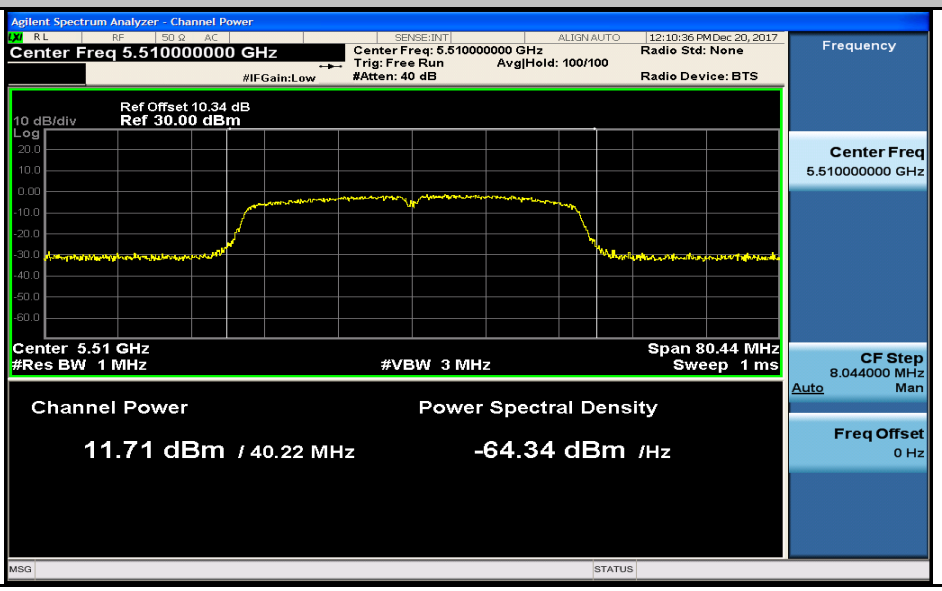

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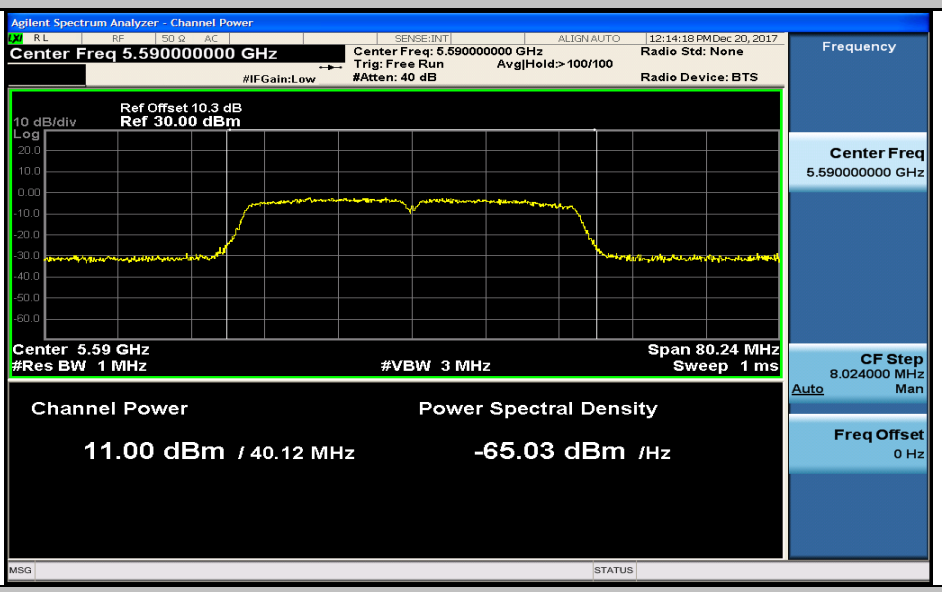

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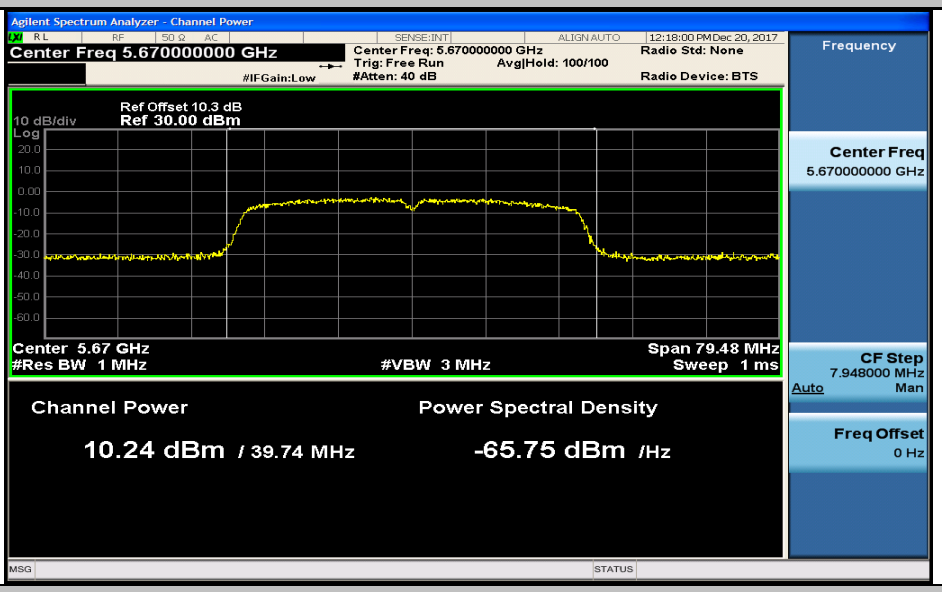
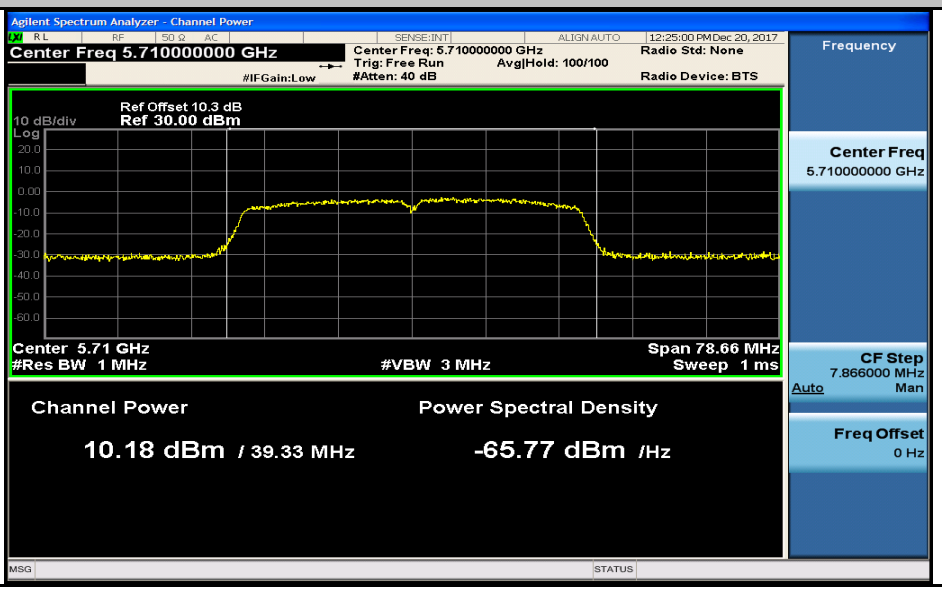


Maximum Conduct Output Power_11N40_5710_Ant1



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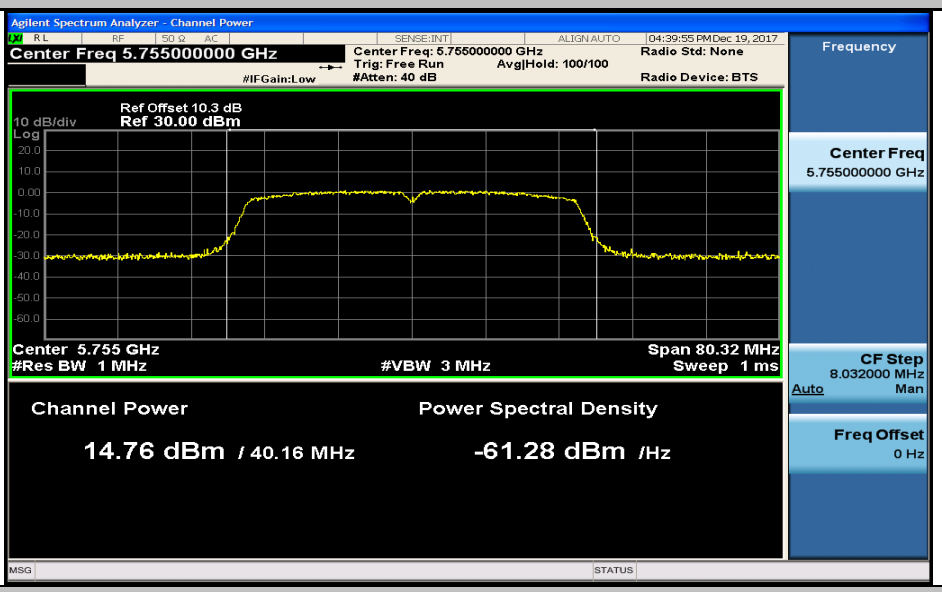

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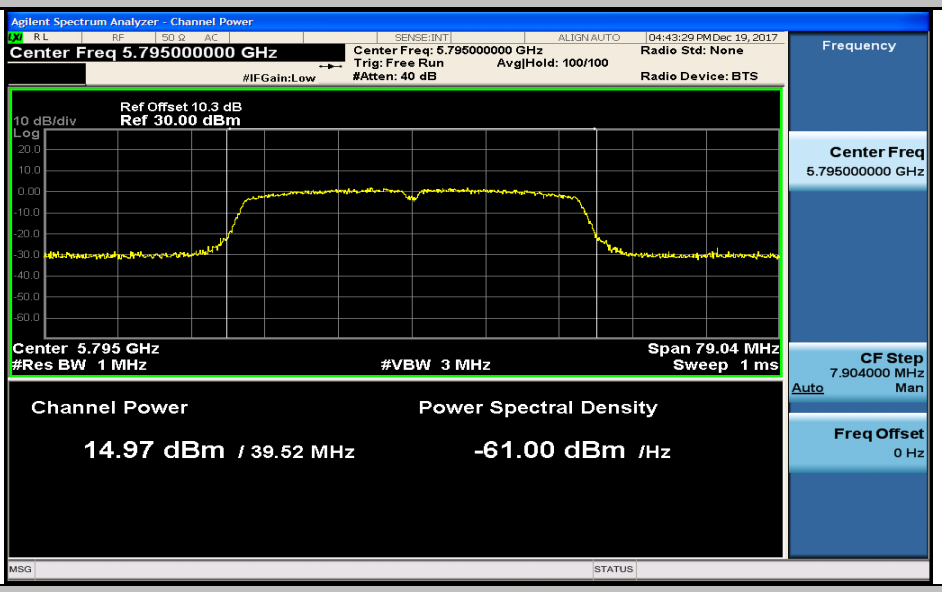

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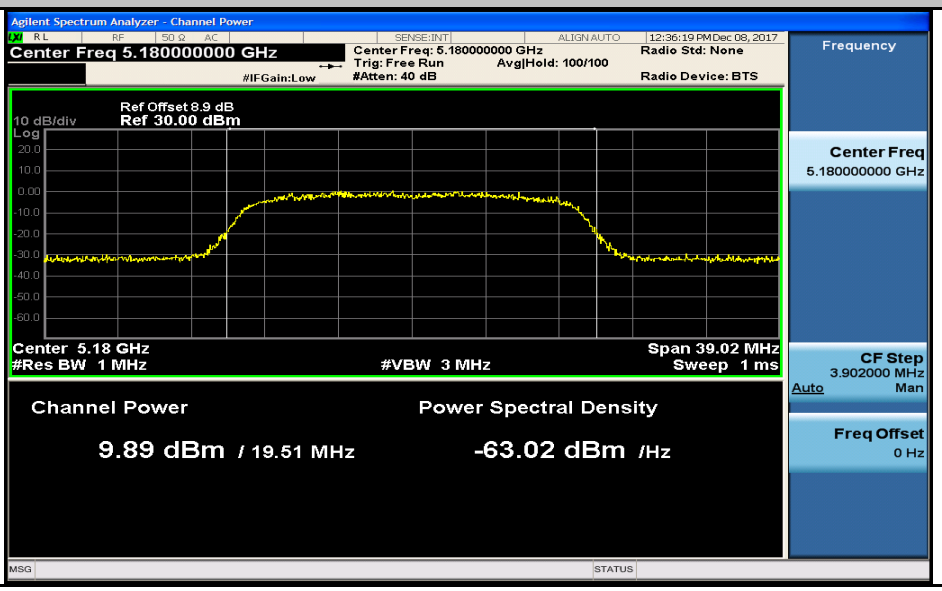

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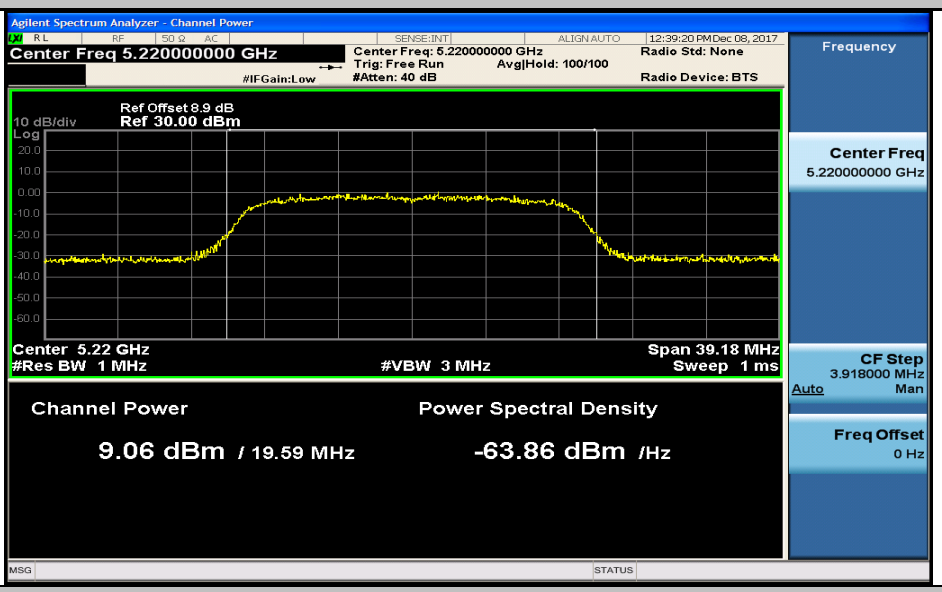

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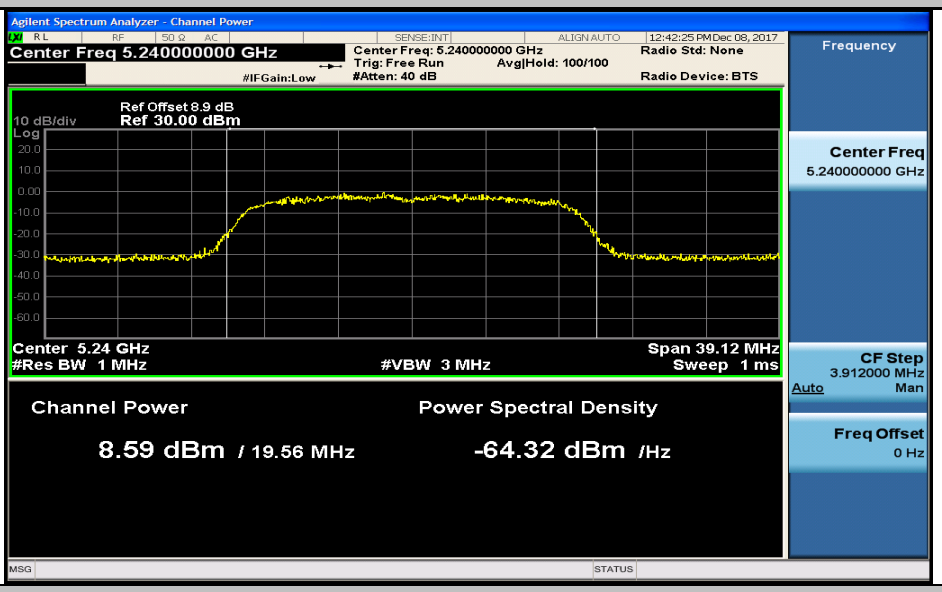

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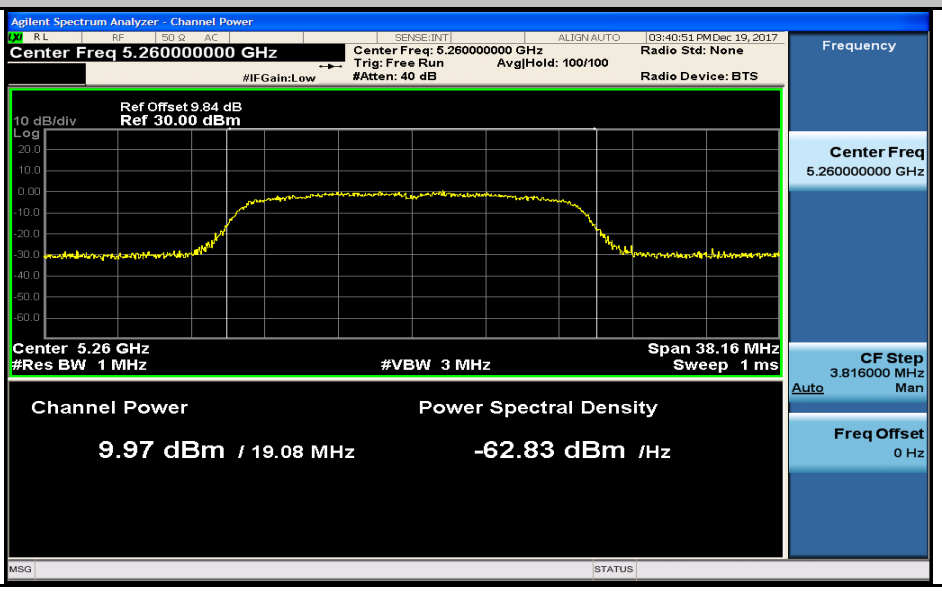

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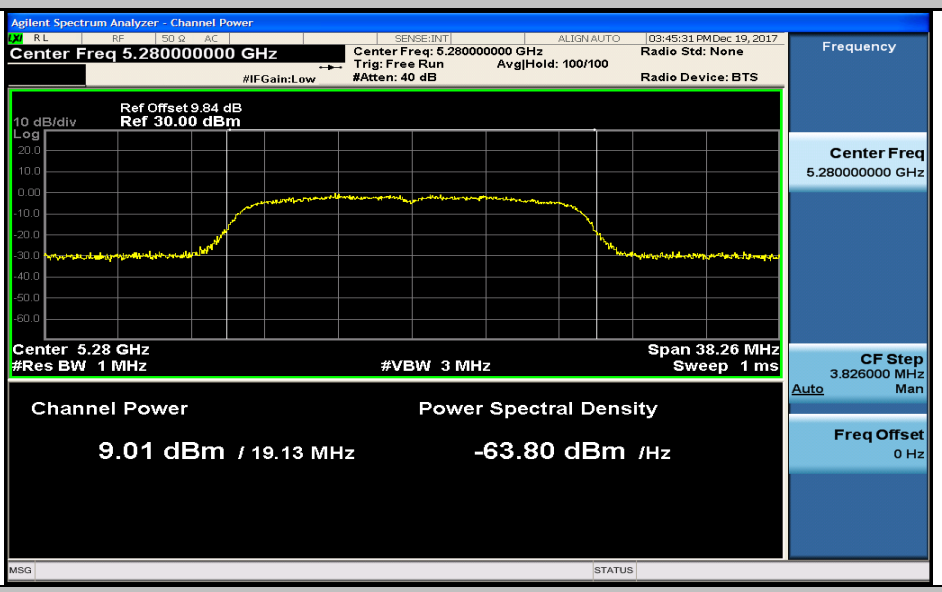

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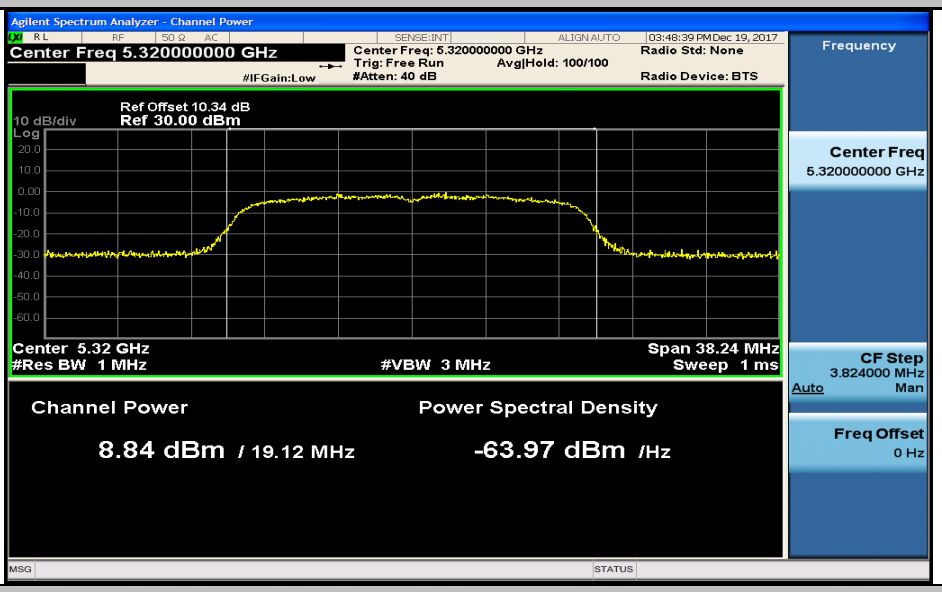

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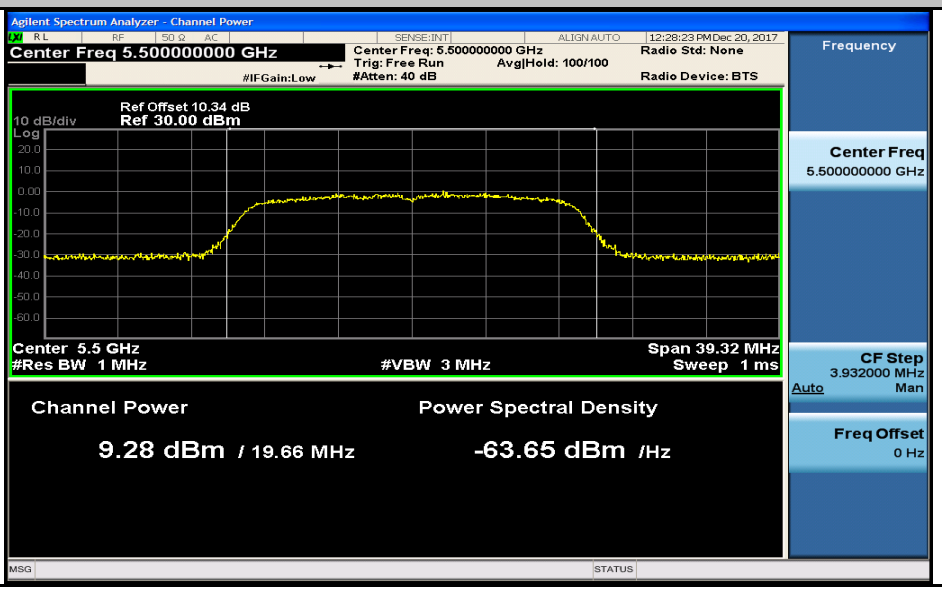

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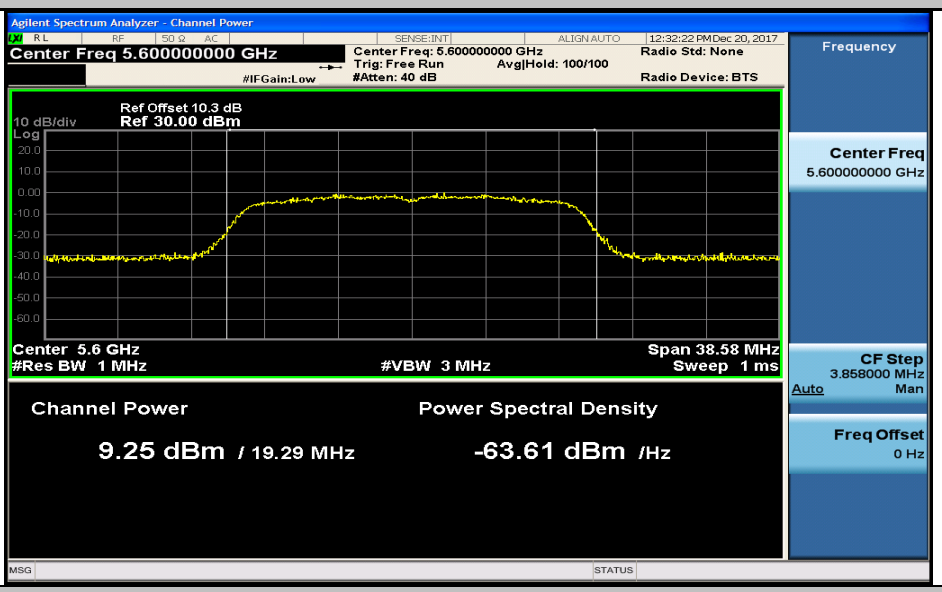

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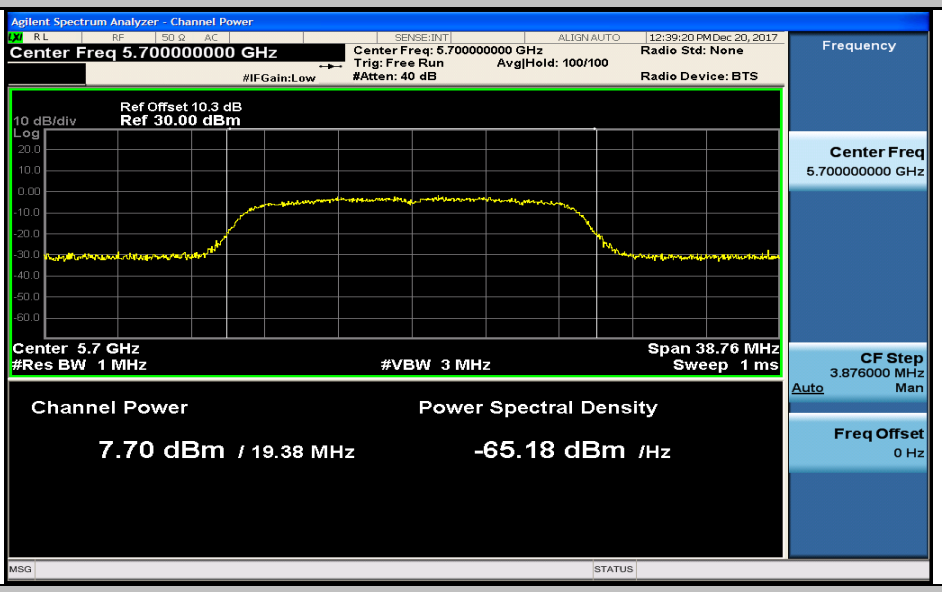

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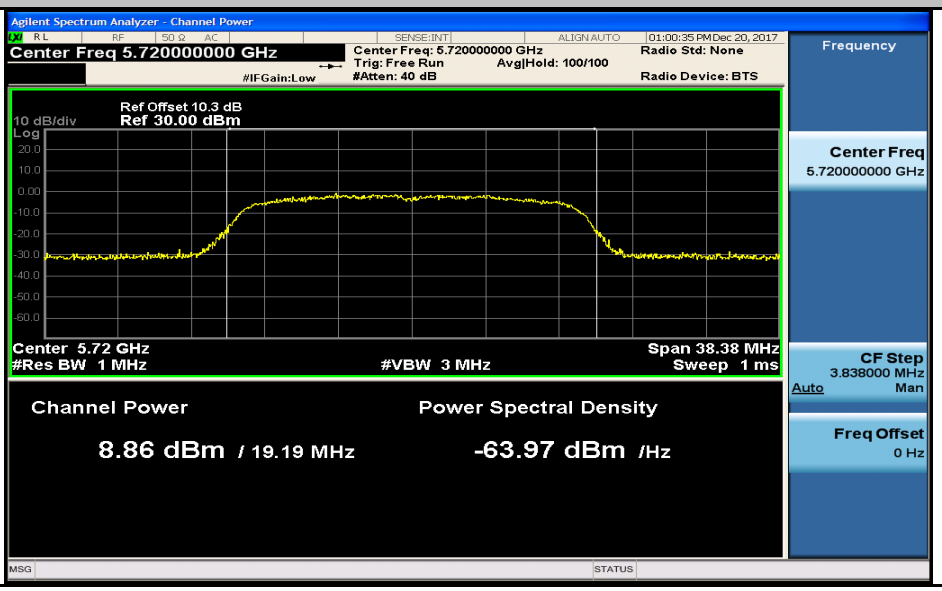

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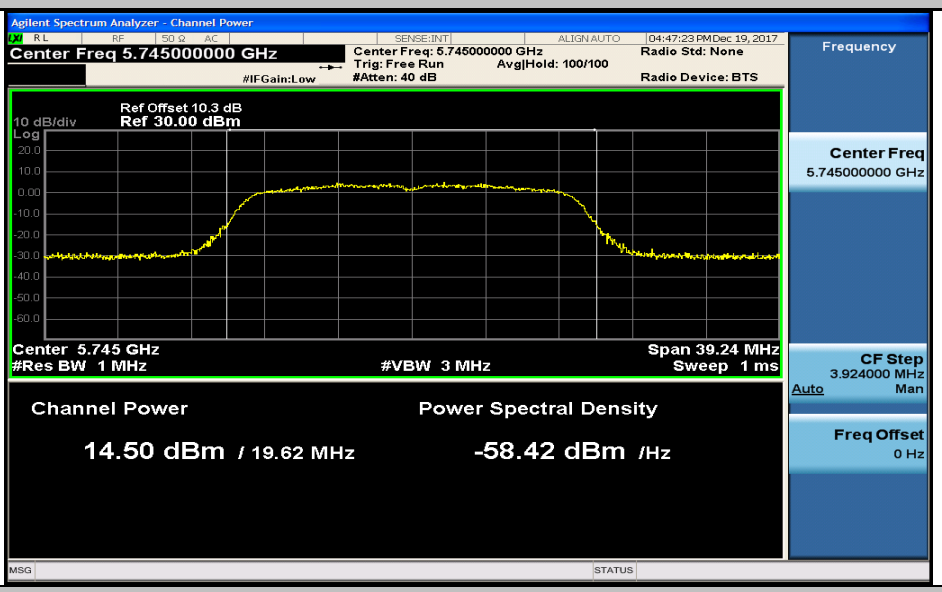

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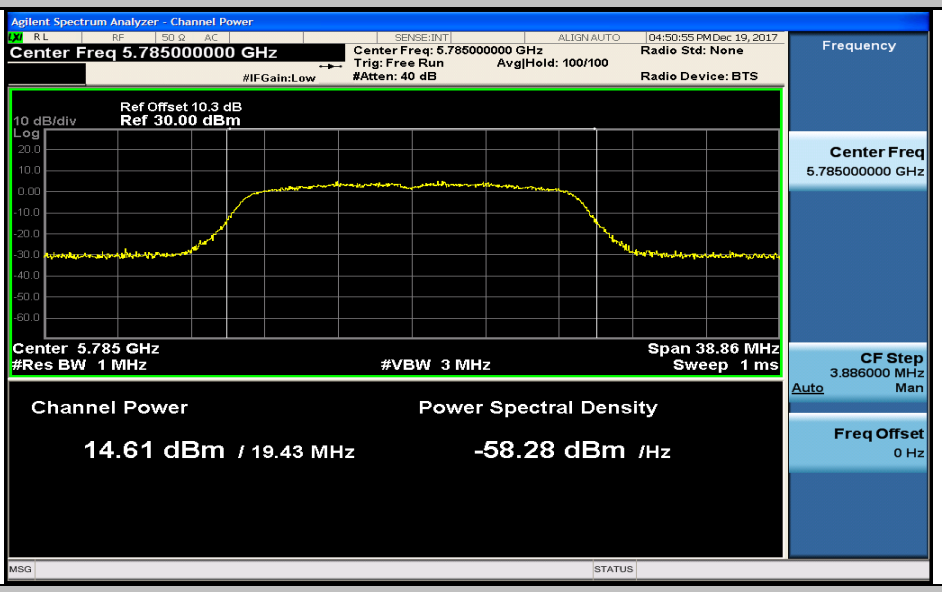

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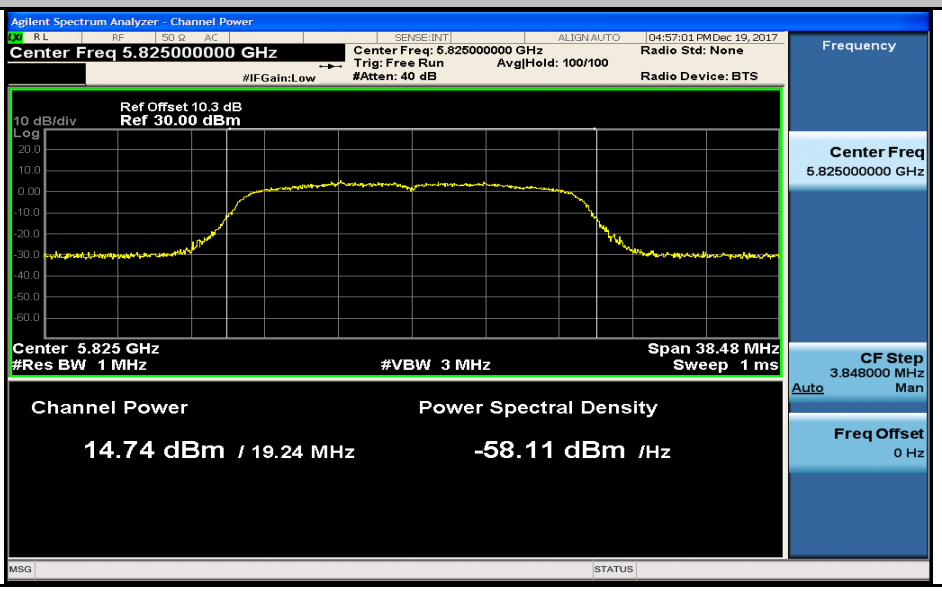

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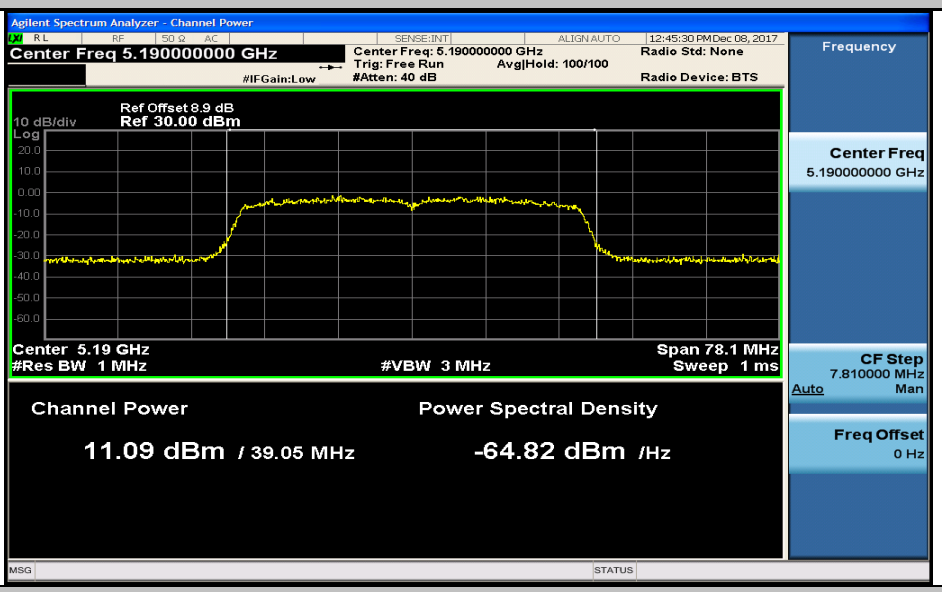

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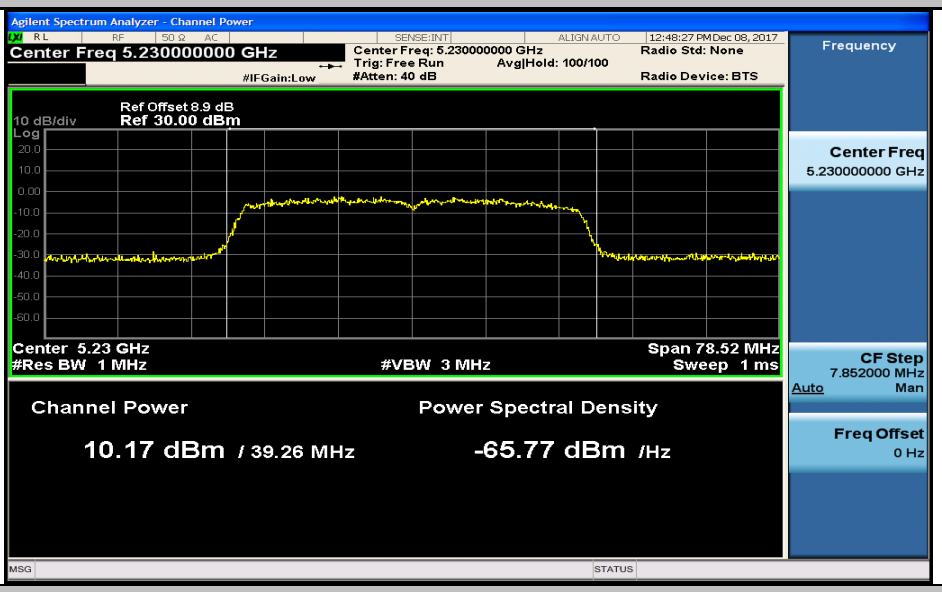

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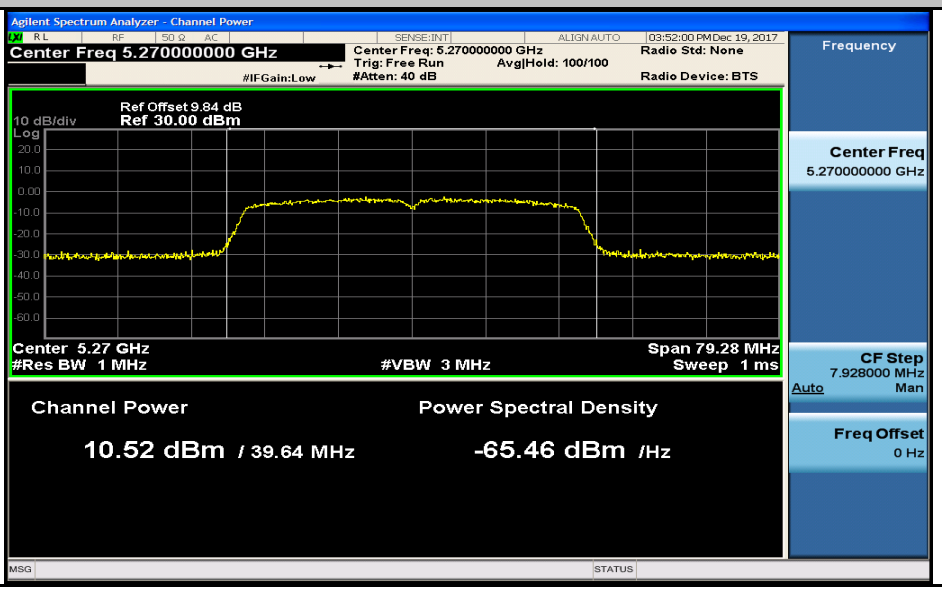

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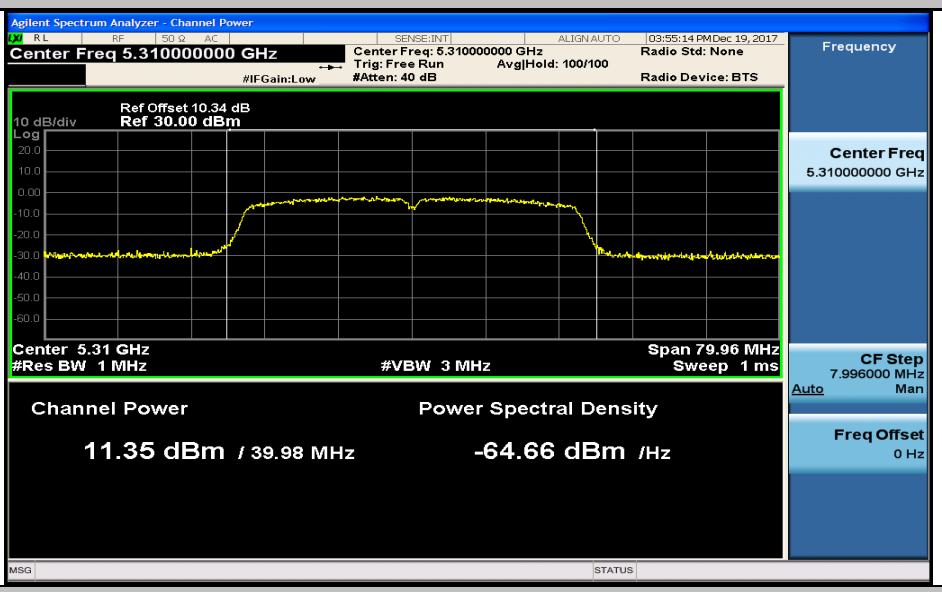
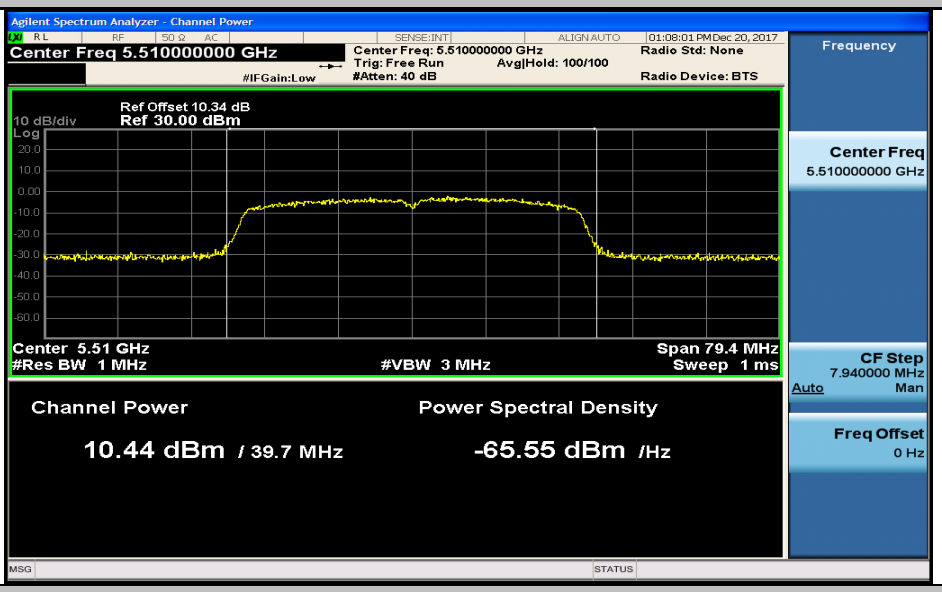
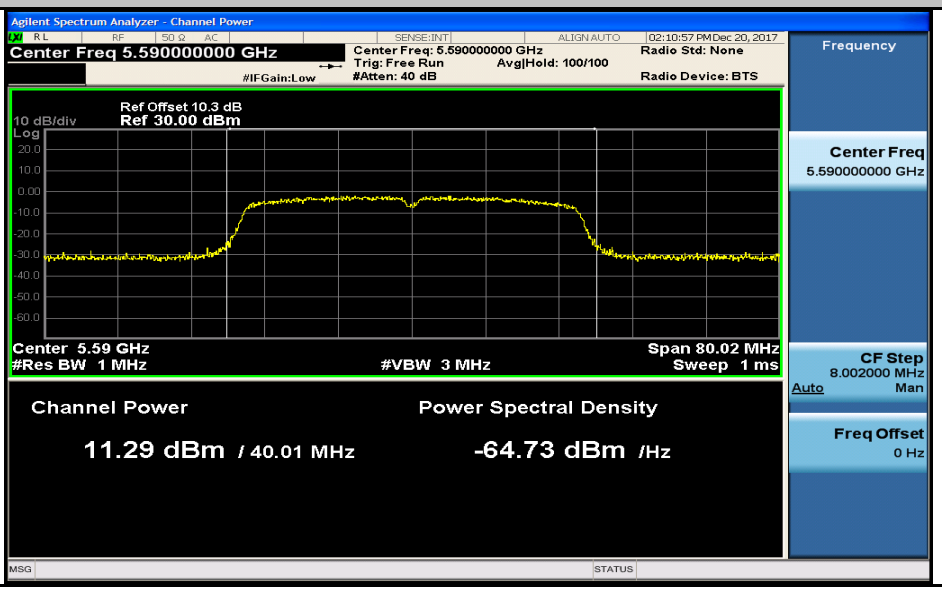


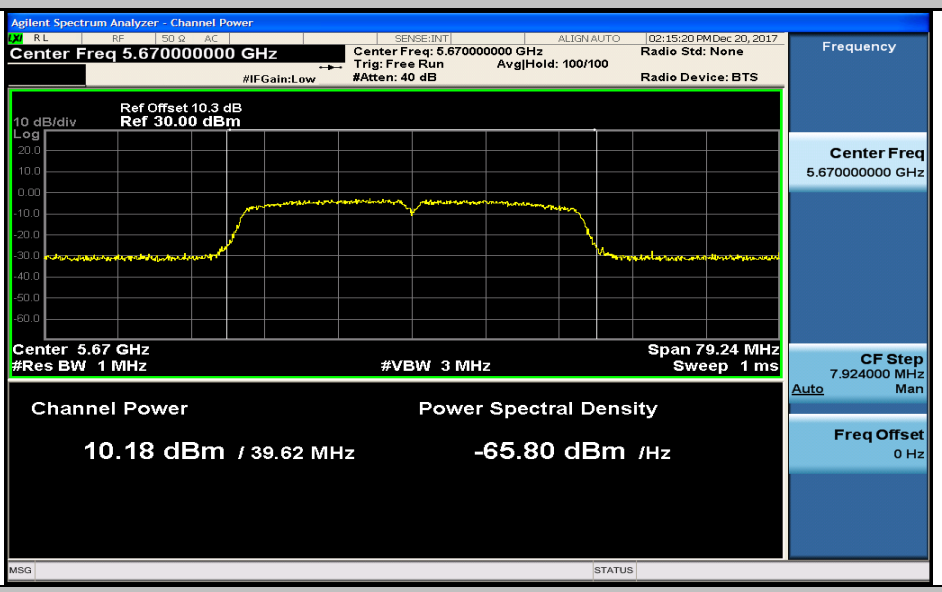
Maximum Conduct Output Power_11AC40_5510_Ant1



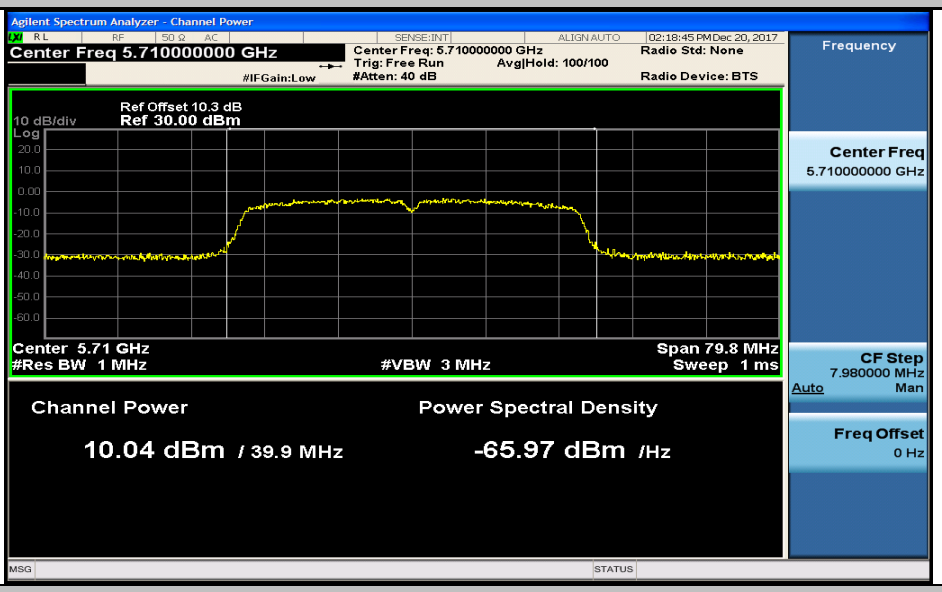
Maximum Conduct Output Power_11AC40_5590_Ant1



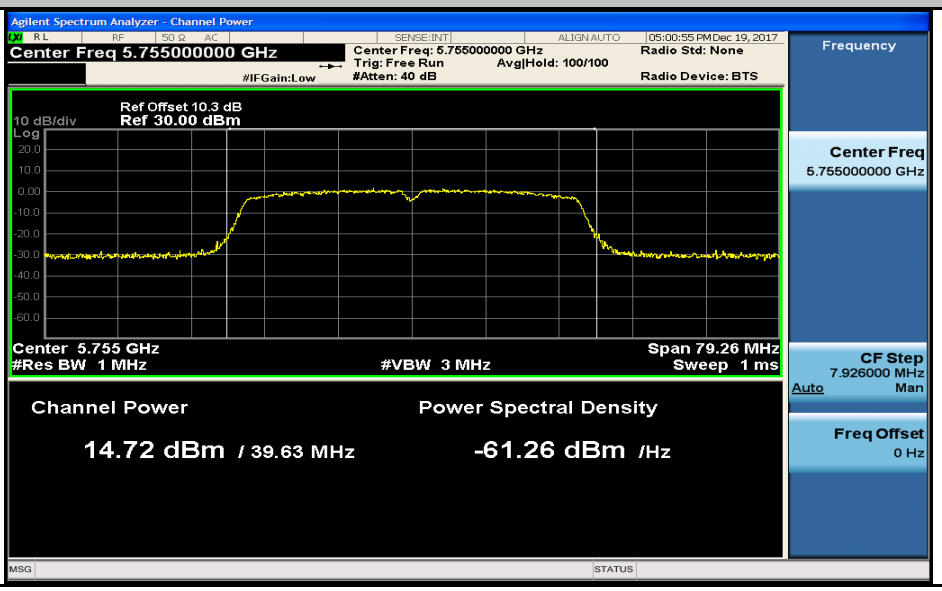
Maximum Conduct Output Power_11AC40_5670_Ant1



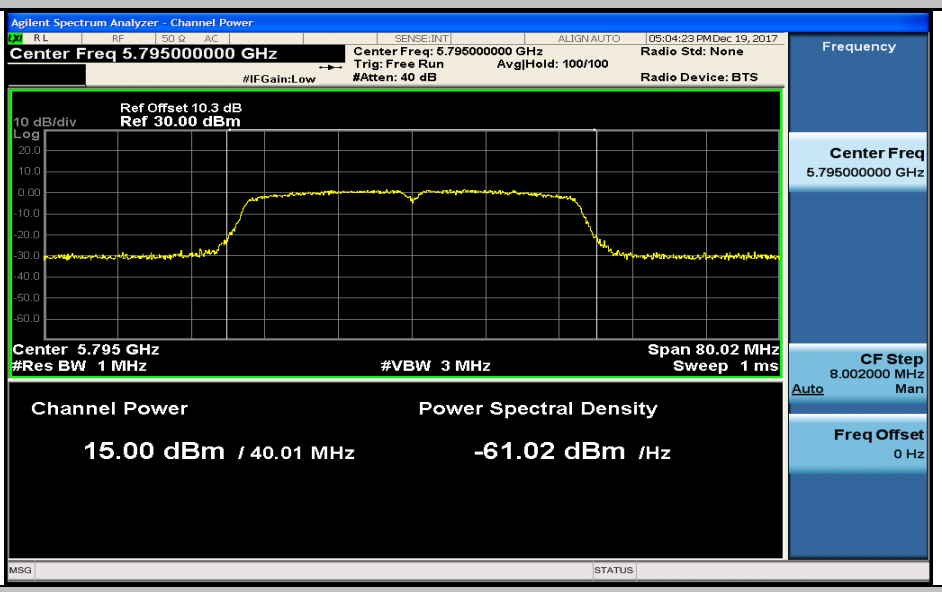
Maximum Conduct Output Power_11AC40_5710_Ant1



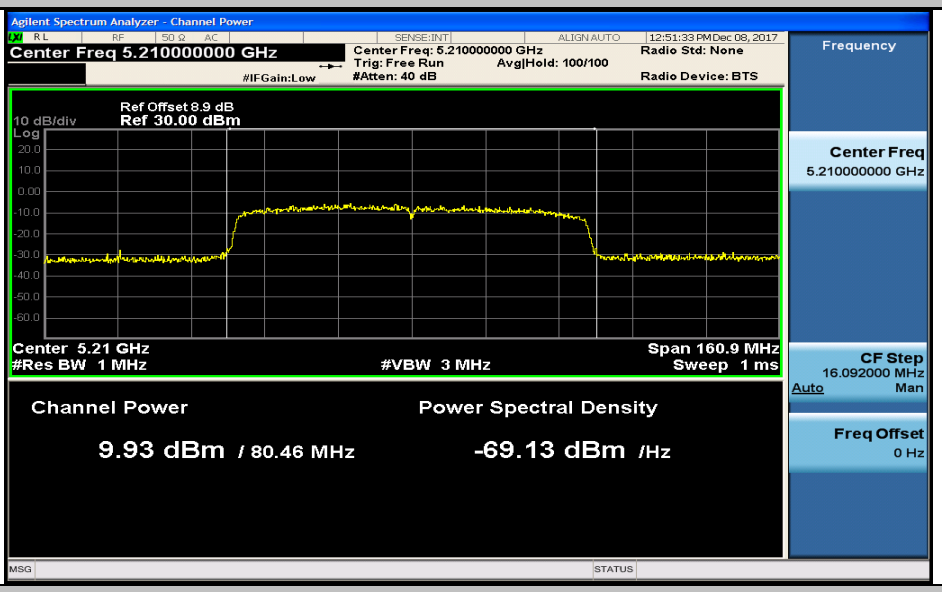
Maximum Conduct Output Power_11AC40_5755_Ant1



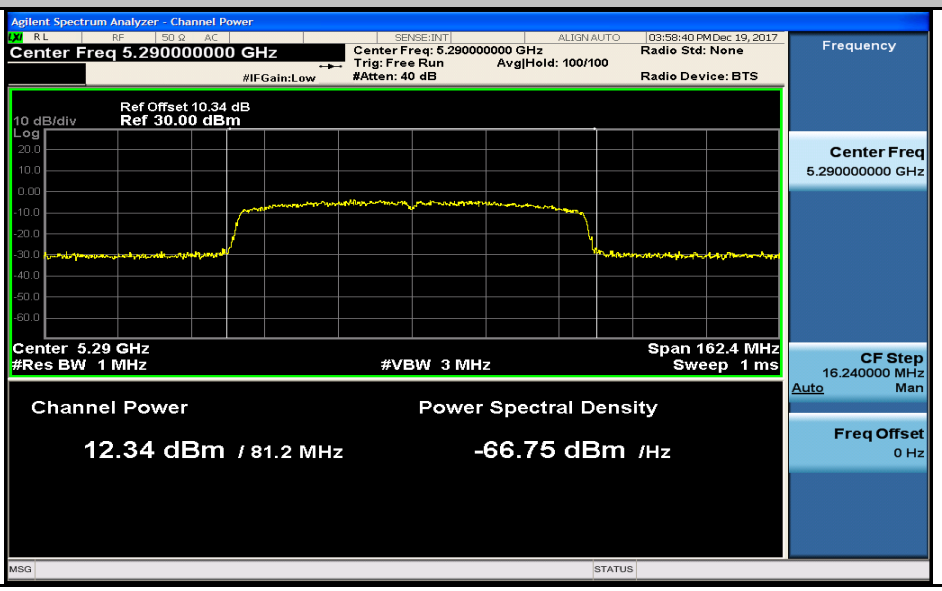
Maximum Conduct Output Power_11AC40_5795_Ant1



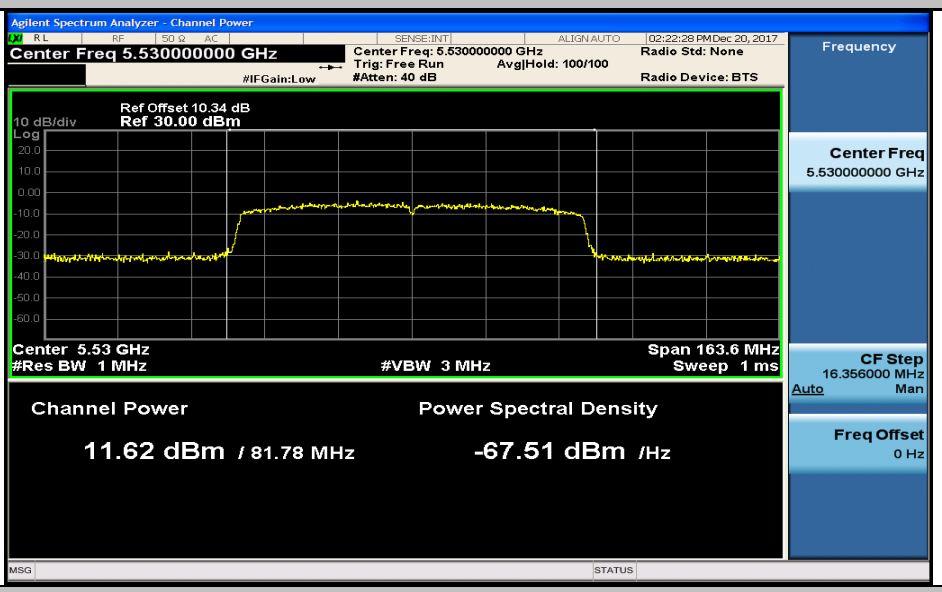
Maximum Conduct Output Power_11AC80_5210_Ant1



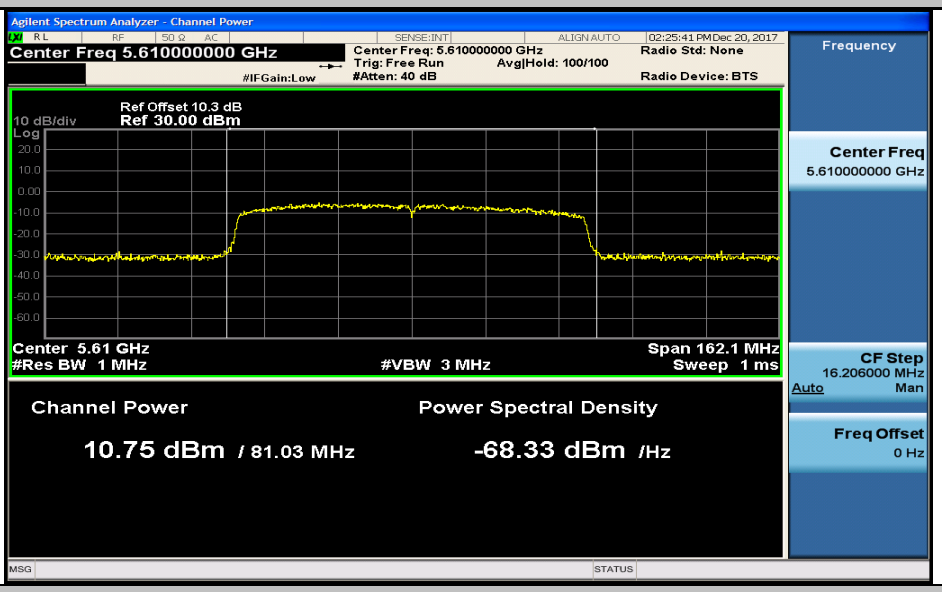
Maximum Conduct Output Power_11AC80_5290_Ant1



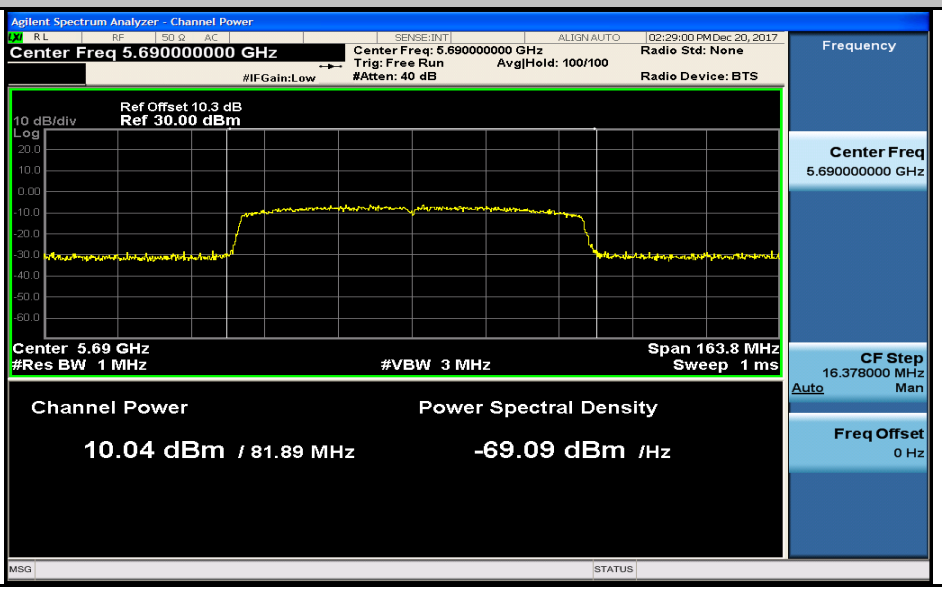
Maximum Conduct Output Power_11AC80_5530_Ant1



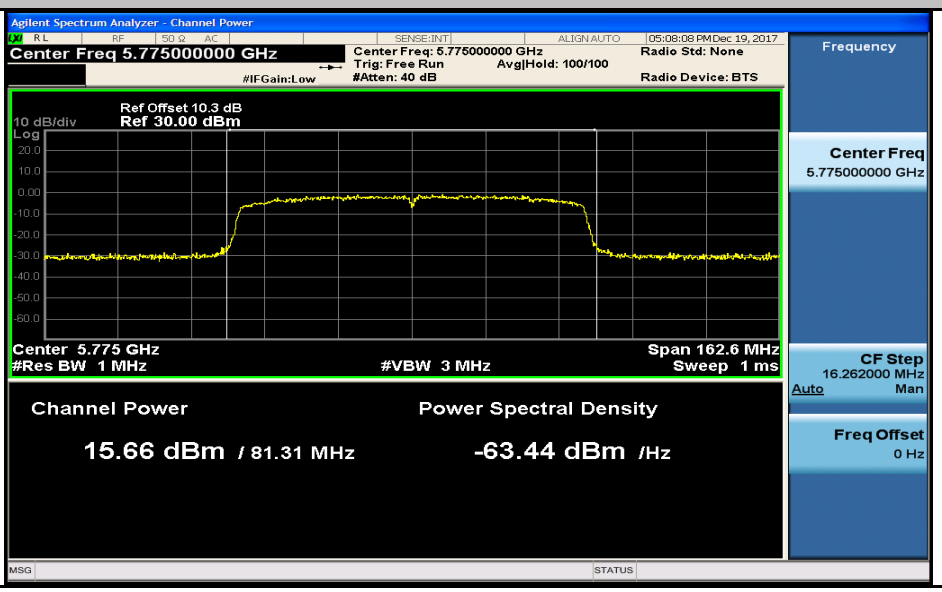
Maximum Conduct Output Power_11AC80_5610_Ant1



Maximum Conduct Output Power_11AC80_5690_Ant1



Maximum Conduct Output Power_11AC80_5775_Ant1



5.Maximum Power Spectral Density

Test Mode	Test Channel	Level [dBm/ MHz]		10log(1/x) Factor[dB]		PSD [dBm/MHz]			Limit [dBm/MHz]	Verdict
		ANT0	ANT1	ANT0	ANT1	ANT0	ANT1	MIMO		
11A	5180	5.64	5.96	0.28	0.28	5.92	6.24	N/A	11.00	PASS
11A	5220	4.91	4.63	0.37	0.25	5.16	5.00	N/A	11.00	PASS
11A	5240	4.86	4.29	0.37	0.34	5.20	4.66	N/A	11.00	PASS
11A	5260	4.04	4.51	0.32	0.37	4.41	4.83	N/A	11.00	PASS
11A	5280	4.42	4.99	0.26	0.23	4.65	5.25	N/A	11.00	PASS
11A	5320	4.74	5.26	0.33	0.26	5.00	5.59	N/A	11.00	PASS
11A	5500	4.07	5.73	0.37	0.23	4.30	6.10	N/A	11.00	PASS
11A	5600	3.50	5.24	0.23	0.33	3.83	5.47	N/A	11.00	PASS
11A	5700	2.59	3.90	0.37	0.23	2.82	4.27	N/A	11.00	PASS
11A	5720	3.09	4.01	0.23	0.23	3.32	4.24	N/A	11.00	PASS
11N20	5180	3.10	3.48	0.27	0.29	3.39	3.75	6.58	11.00	PASS
11N20	5220	2.30	2.65	0.36	0.38	2.68	3.01	5.86	11.00	PASS
11N20	5240	2.02	1.68	0.40	0.44	2.46	2.08	5.28	11.00	PASS
11N20	5260	3.66	2.39	0.30	0.25	3.91	2.69	6.35	11.00	PASS
11N20	5280	4.02	2.21	0.40	0.25	4.27	2.61	6.53	11.00	PASS
11N20	5320	4.44	2.29	0.26	0.26	4.70	2.55	6.77	11.00	PASS
11N20	5500	1.82	2.84	0.25	0.27	2.09	3.09	5.63	11.00	PASS
11N20	5600	1.30	2.84	0.25	0.25	1.55	3.09	5.40	11.00	PASS
11N20	5700	0.29	1.14	0.25	0.25	0.54	1.39	4.00	11.00	PASS
11N20	5720	0.30	1.64	0.26	0.40	0.70	1.90	4.35	11.00	PASS
11N40	5190	0.24	0.85	0.53	0.85	1.09	1.38	4.25	11.00	PASS
11N40	5230	-0.60	0.04	0.69	0.53	-0.07	0.73	3.36	11.00	PASS
11N40	5270	0.49	0.31	0.67	0.48	0.97	0.98	3.99	11.00	PASS
11N40	5310	2.05	0.94	0.74	0.63	2.68	1.68	5.22	11.00	PASS
11N40	5510	0.63	1.29	0.49	0.52	1.15	1.78	4.49	11.00	PASS
11N40	5590	0.11	0.51	0.49	0.73	0.84	1.00	3.93	11.00	PASS
11N40	5670	-0.69	0.43	0.77	0.48	-0.21	1.20	3.56	11.00	PASS
11N40	5710	-1.20	-0.10	0.77	0.49	-0.71	0.67	3.04	11.00	PASS
11AC20	5180	2.94	2.80	0.33	0.42	3.36	3.13	6.26	11.00	PASS
11AC20	5220	2.63	2.18	0.33	0.39	3.02	2.51	5.78	11.00	PASS
11AC20	5240	2.16	1.91	0.31	0.38	2.54	2.22	5.39	11.00	PASS
11AC20	5260	3.96	2.82	0.24	0.24	4.20	3.06	6.68	11.00	PASS
11AC20	5280	4.40	1.50	0.24	0.36	4.76	1.74	6.52	11.00	PASS
11AC20	5320	4.49	2.06	0.27	0.34	4.83	2.33	6.77	11.00	PASS
11AC20	5500	1.10	2.61	0.26	0.24	1.34	2.87	5.18	11.00	PASS