
Appendix B for SHEMA170400212703**1.Emission Bandwidth Measurement (-26dB)**

Test Mode	Test Channel	Ant	EBW[MHz]	Limit[MHz]	Verdict
11A	5180	Ant1	20.95	---	PASS
11A	5220	Ant1	21.30	---	PASS
11A	5240	Ant1	21.23	---	PASS
11A	5745	Ant1	19.87	---	PASS
11A	5785	Ant1	20.04	---	PASS
11A	5825	Ant1	20.03	---	PASS
11AC20	5180	Ant1	21.10	---	PASS
11AC20	5220	Ant1	21.13	---	PASS
11AC20	5240	Ant1	21.37	---	PASS
11AC20	5745	Ant1	20.45	---	PASS
11AC20	5785	Ant1	20.80	---	PASS
11AC20	5825	Ant1	21.02	---	PASS
11AC40	5190	Ant1	40.34	---	PASS
11AC40	5230	Ant1	40.79	---	PASS
11AC40	5755	Ant1	38.66	---	PASS
11AC40	5795	Ant1	38.57	---	PASS
11N20	5180	Ant1	20.85	---	PASS
11N20	5220	Ant1	21.28	---	PASS
11N20	5240	Ant1	21.12	---	PASS
11N20	5745	Ant1	20.69	---	PASS
11N20	5785	Ant1	21.33	---	PASS
11N20	5825	Ant1	21.20	---	PASS
11N40	5190	Ant1	39.34	---	PASS
11N40	5230	Ant1	39.56	---	PASS
11N40	5755	Ant1	38.24	---	PASS
11N40	5795	Ant1	38.32	---	PASS
11AC80	5210	Ant1	80.24	---	PASS
11AC80	5775	Ant1	78.36	---	PASS

Emission Bandwidth Measurement (-6dB)

Test Mode	Test Channel	Ant	EBW[MHz]	Limit[MHz]	Verdict
11A	5745	Ant1	16.31	0.5	PASS
11A	5785	Ant1	16.31	0.5	PASS
11A	5825	Ant1	16.33	0.5	PASS
11AC20	5745	Ant1	17.51	0.5	PASS
11AC20	5785	Ant1	17.59	0.5	PASS
11AC20	5825	Ant1	17.64	0.5	PASS
11AC40	5755	Ant1	36.33	0.5	PASS
11AC40	5795	Ant1	36.27	0.5	PASS
11N20	5745	Ant1	17.58	0.5	PASS
11N20	5785	Ant1	17.60	0.5	PASS
11N20	5825	Ant1	17.49	0.5	PASS
11N40	5755	Ant1	36.07	0.5	PASS
11N40	5795	Ant1	36.29	0.5	PASS
11AC80	5775	Ant1	75.18	0.5	PASS

Emission Bandwidth Measurement_11A_5180_Ant1



Emission Bandwidth Measurement_11A_5220_Ant1



Emission Bandwidth Measurement_11A_5240_Ant1



Emission Bandwidth Measurement_11A_5745_Ant1



Emission Bandwidth Measurement_11A_5785_Ant1



Emission Bandwidth Measurement_11A_5825_Ant1



Emission Bandwidth Measurement_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



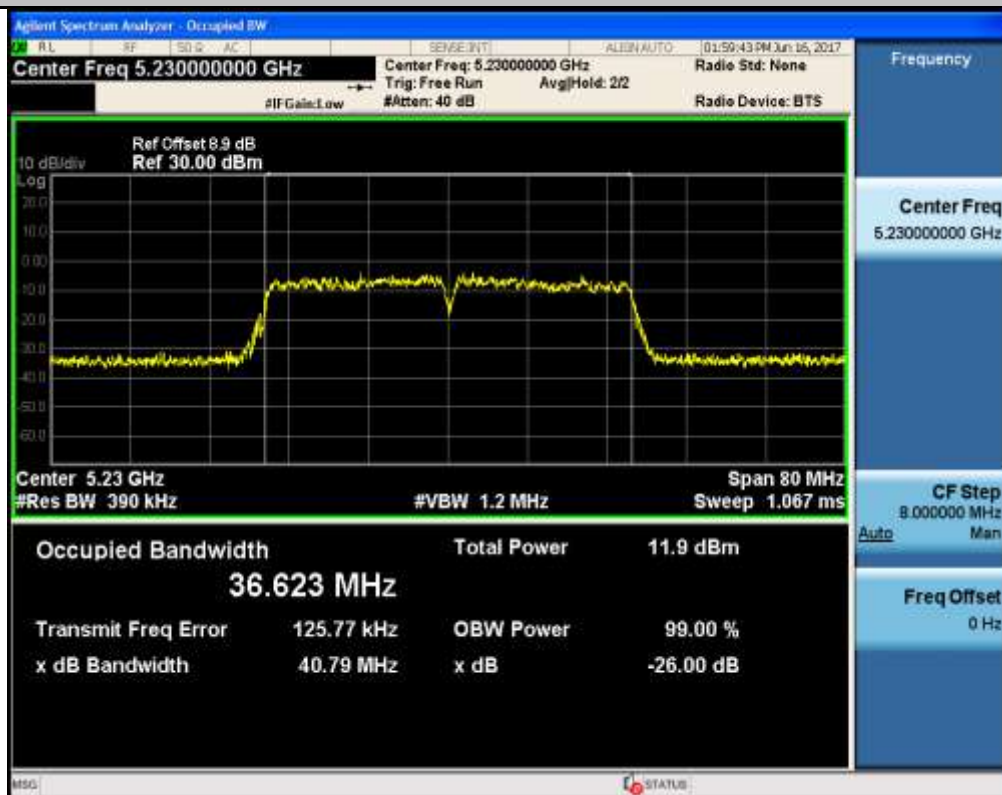
Emission Bandwidth Measurement_11AC20_5825_Ant1



Emission Bandwidth Measurement_11AC40_5190_Ant1



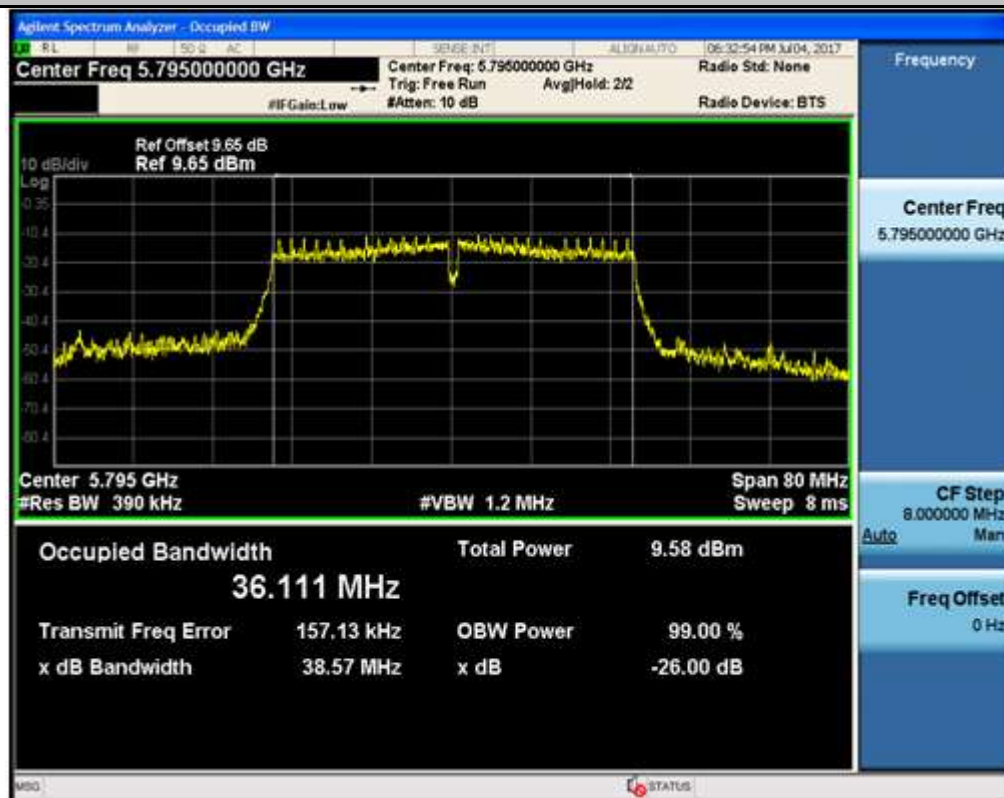
Emission Bandwidth Measurement_11AC40_5230_Ant1



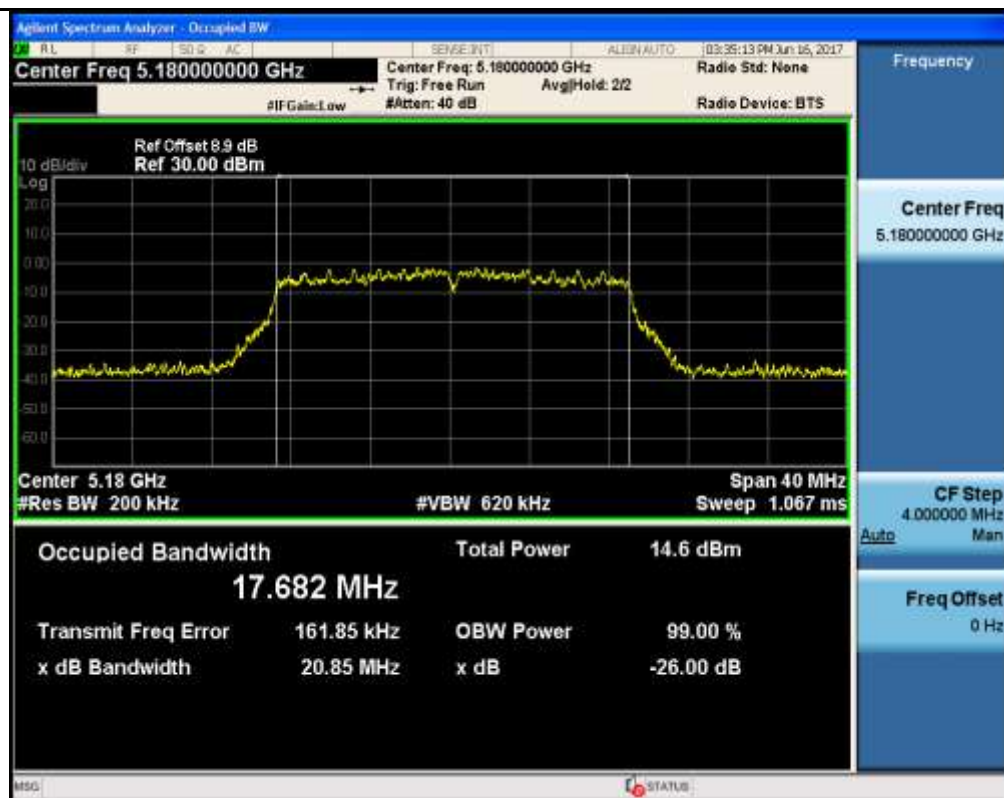
Emission Bandwidth Measurement_11AC40_5755_Ant1



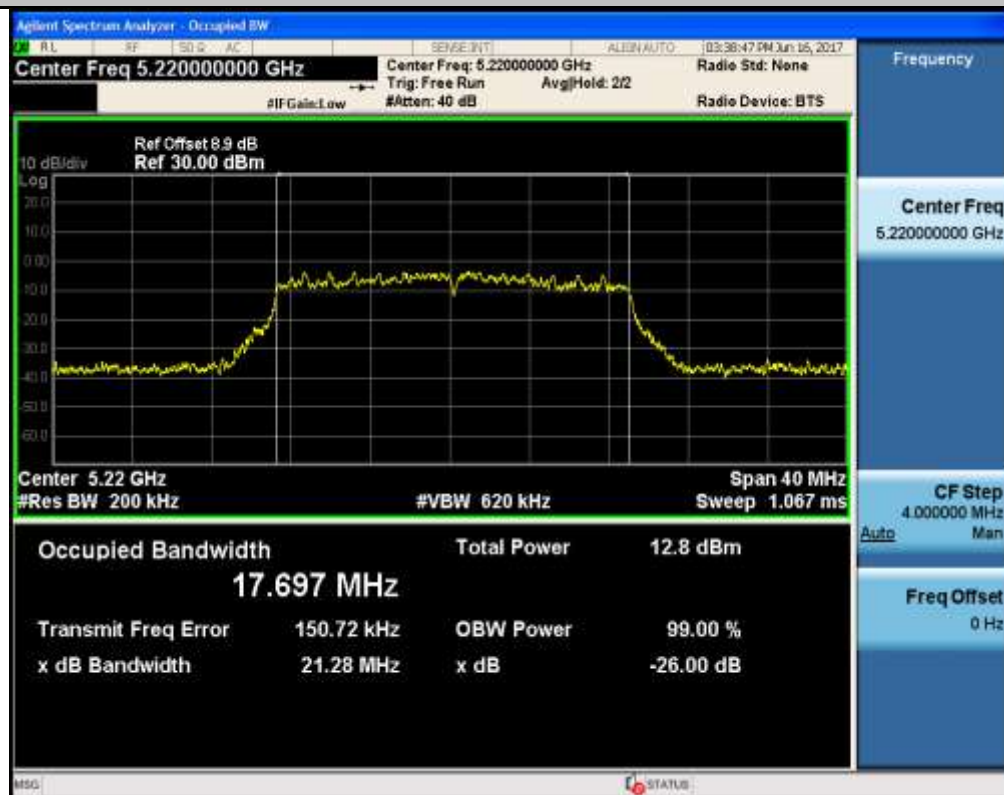
Emission Bandwidth Measurement_11AC40_5795_Ant1



Emission Bandwidth Measurement_11N20_5180_Ant1



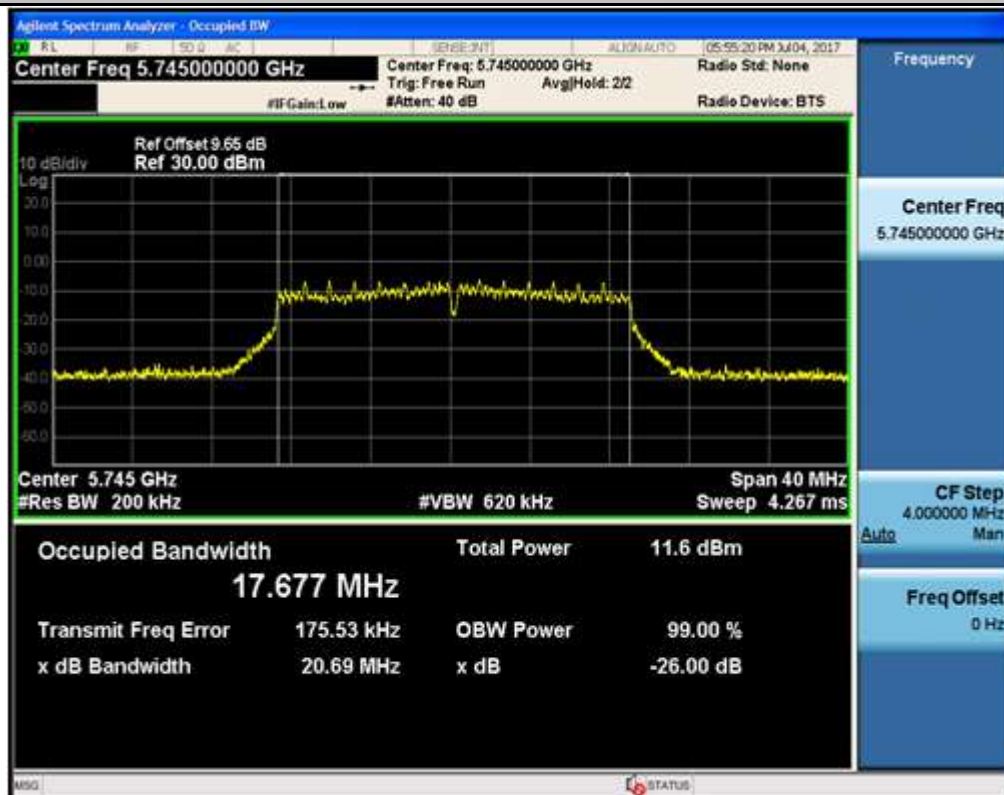
Emission Bandwidth Measurement_11N20_5220_Ant1



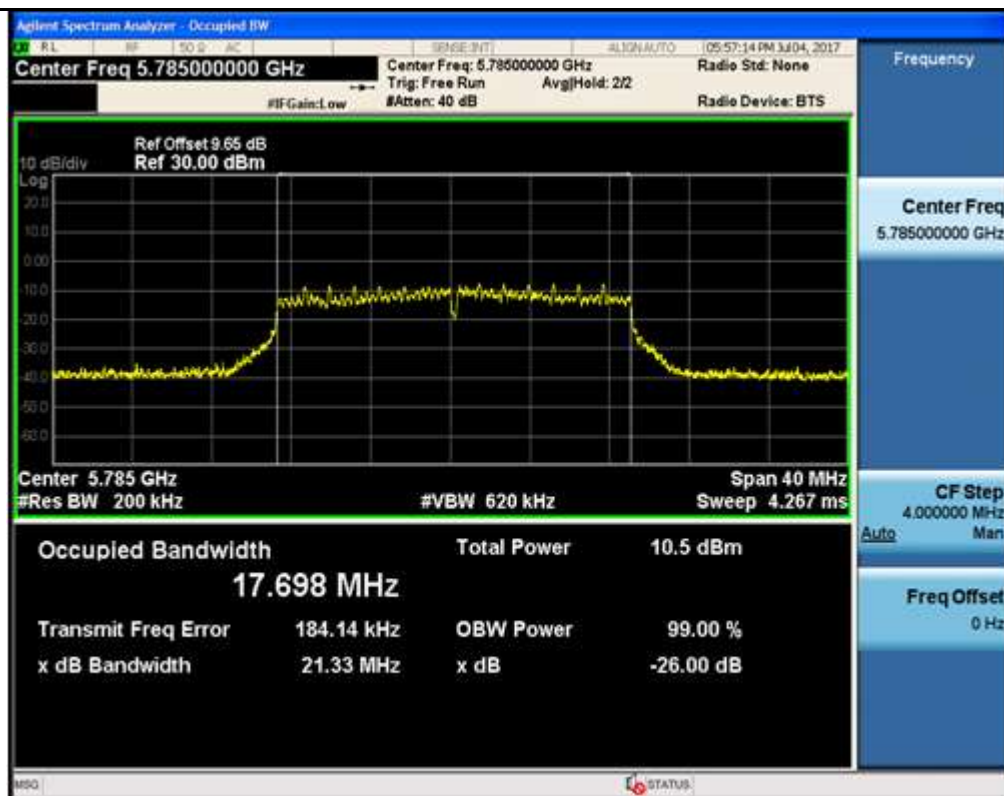
Emission Bandwidth Measurement_11N20_5240_Ant1



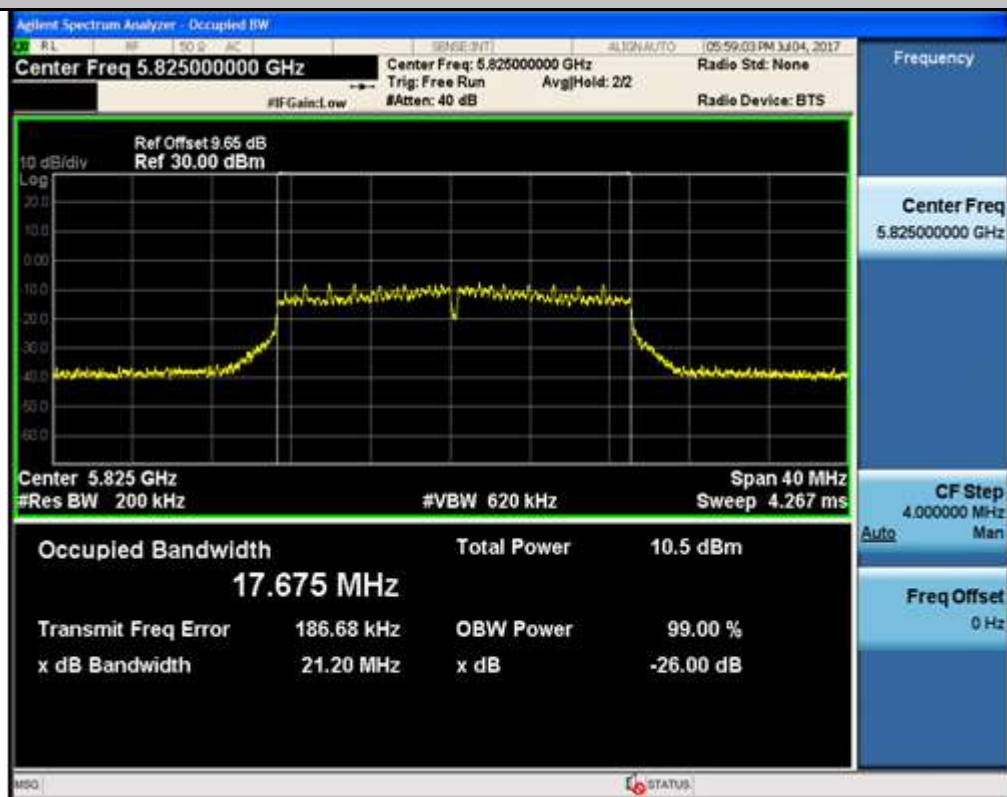
Emission Bandwidth Measurement_11N20_5745_Ant1



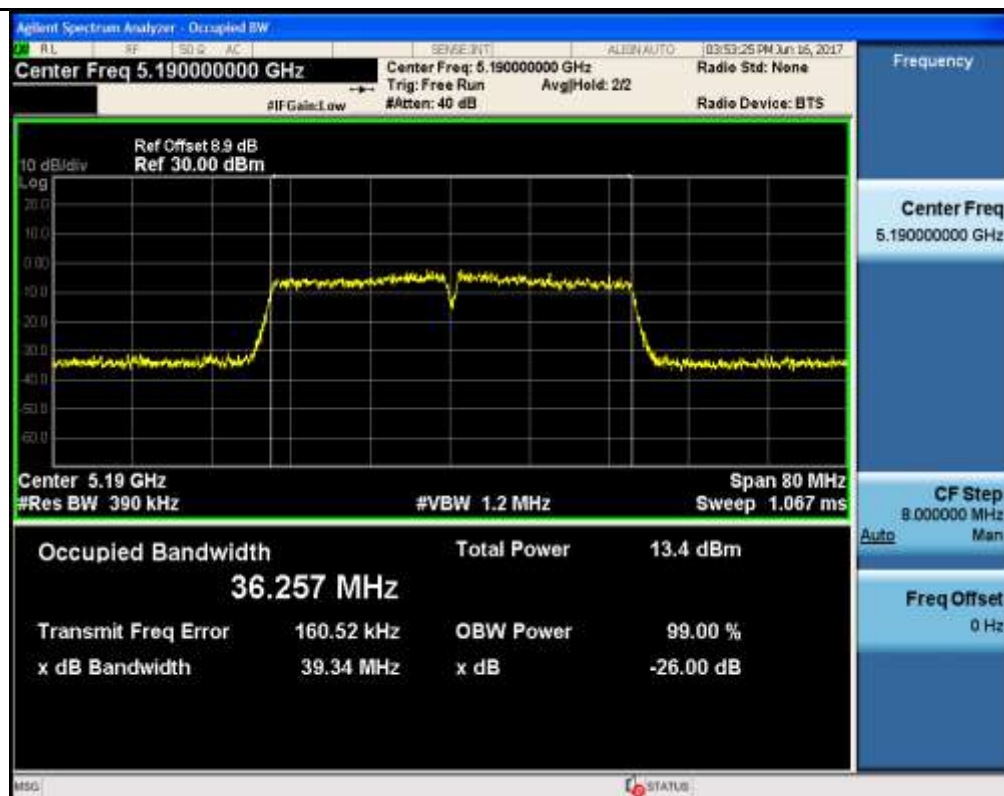
Emission Bandwidth Measurement_11N20_5785_Ant1



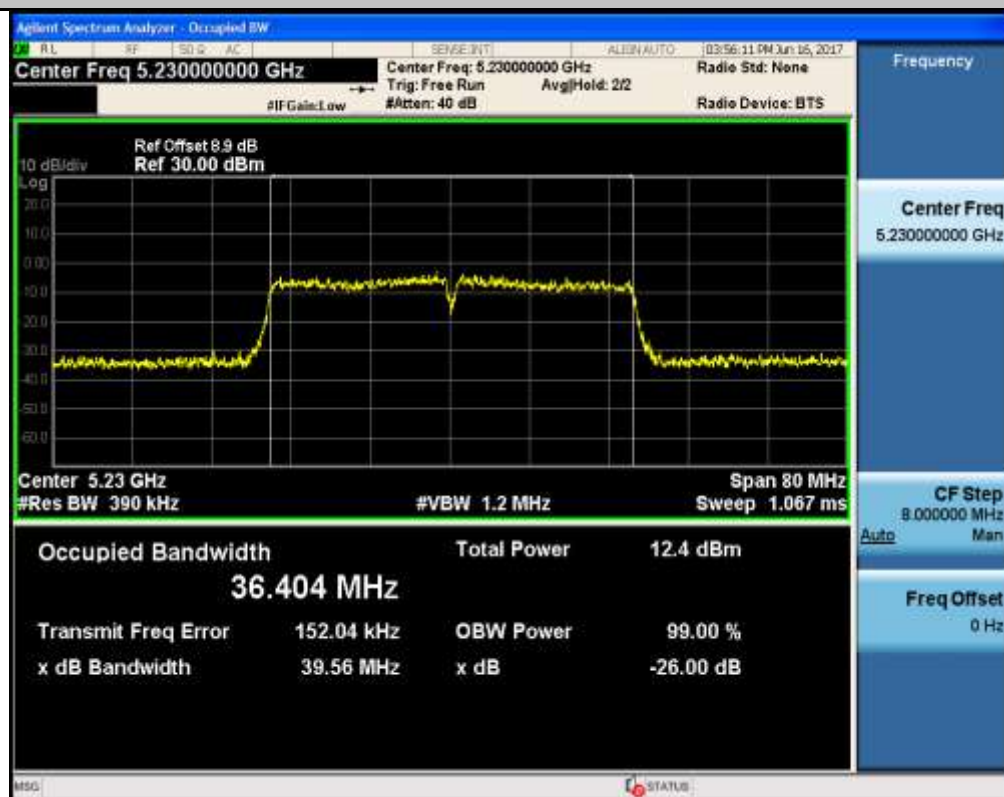
Emission Bandwidth Measurement_11N20_5825_Ant1



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_11AC80_5210_Ant1



Emission Bandwidth Measurement_11AC80_5775_Ant1



-6 dB

Emission Bandwidth Measurement_11A_5745_Ant1



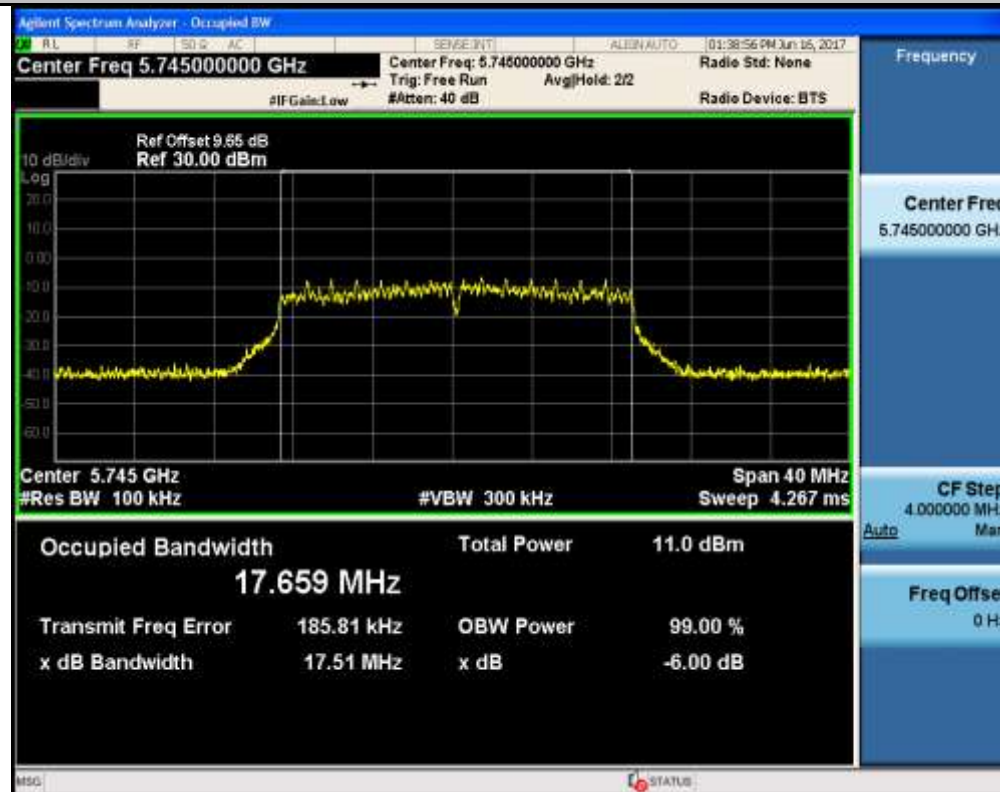
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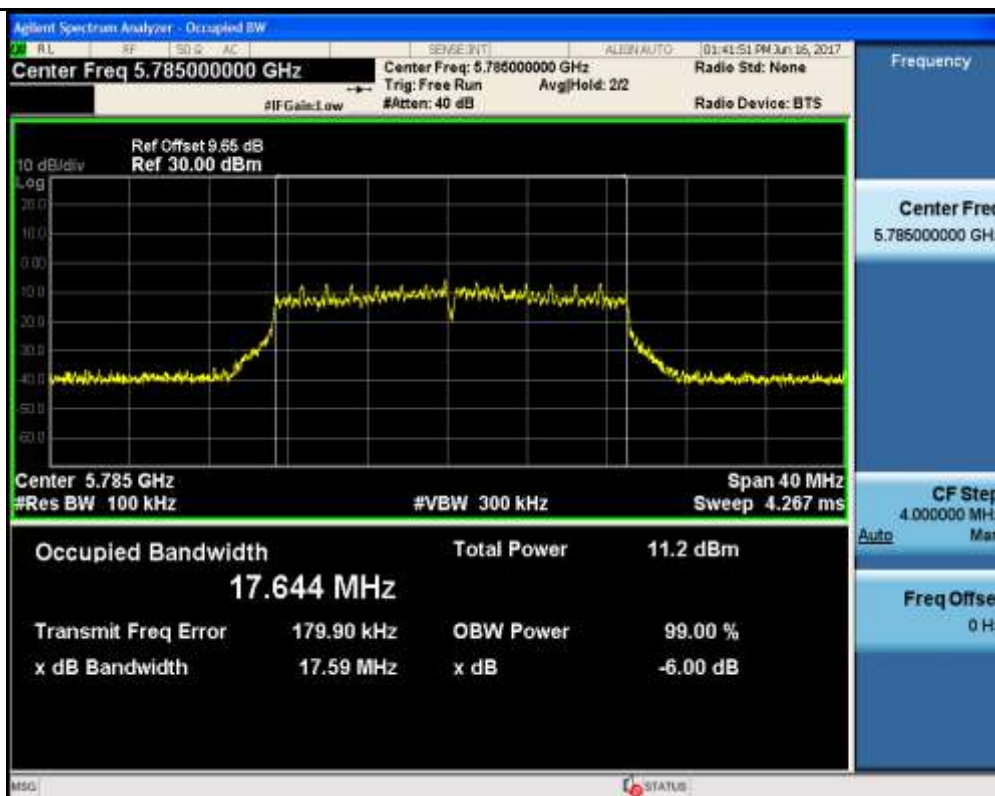
Emission Bandwidth Measurement_11A_5825_Ant1



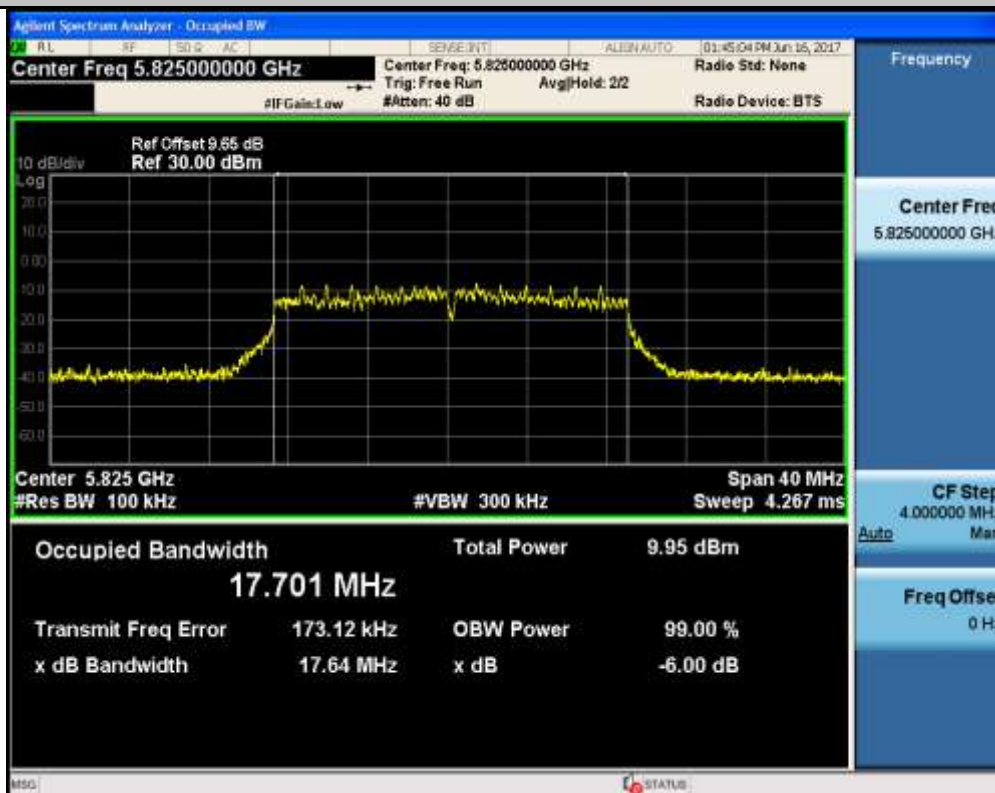
Emission Bandwidth Measurement_11AC20_5745_Ant1



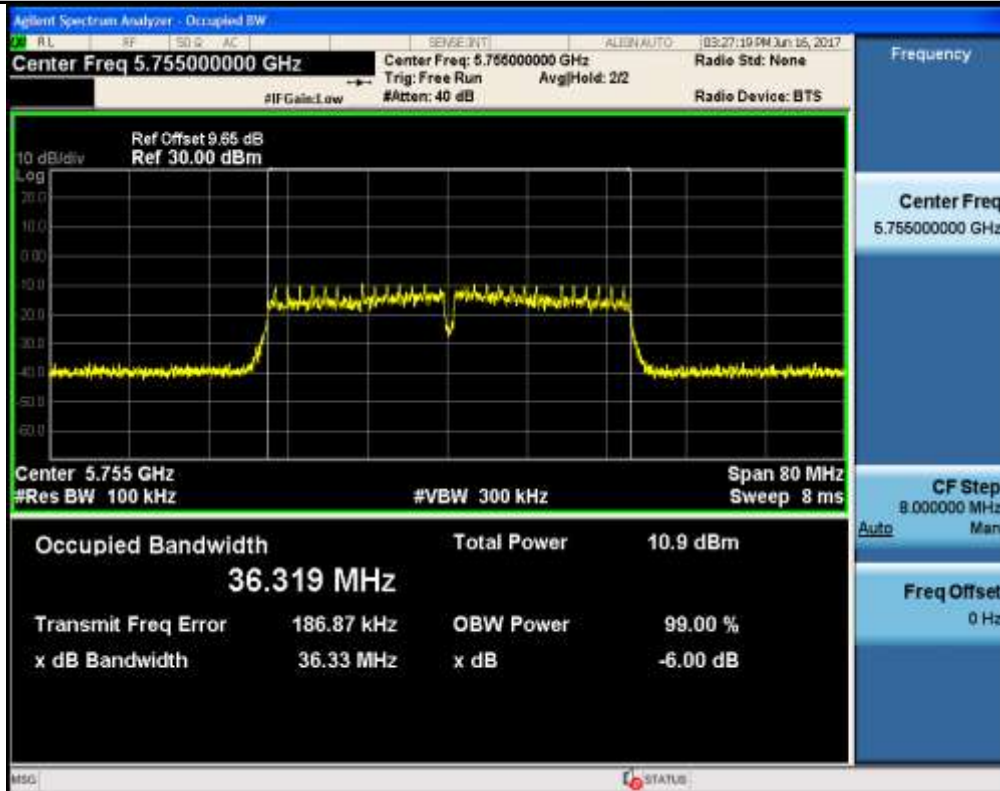
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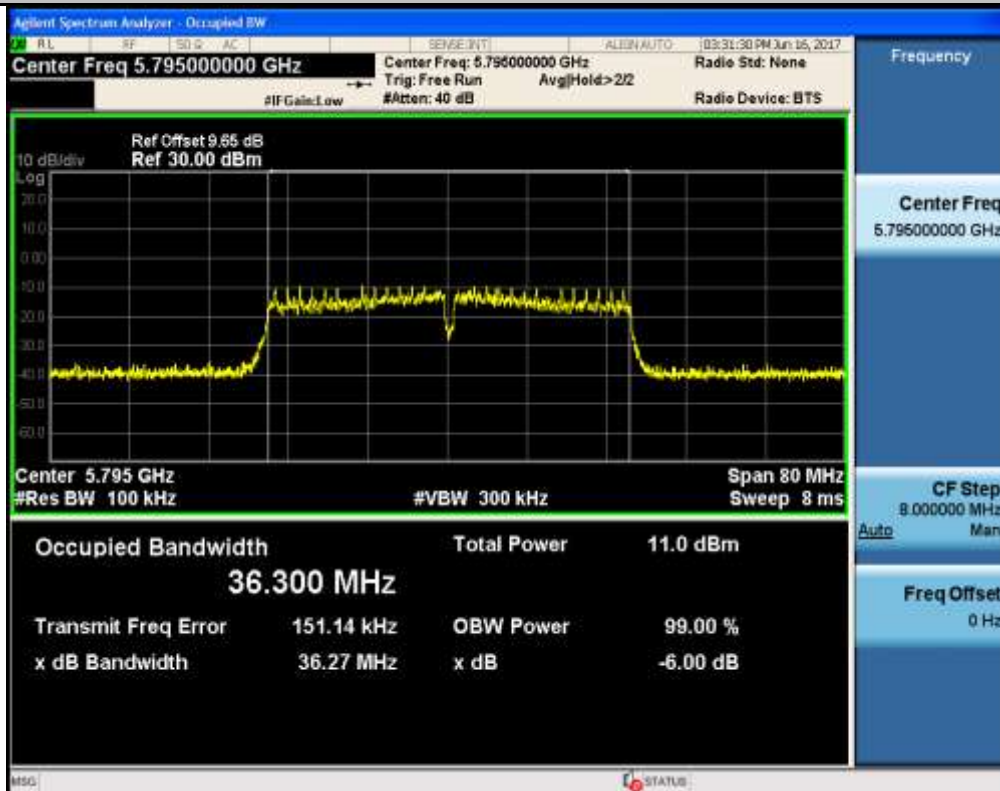
Emission Bandwidth Measurement_11AC20_5825_Ant1



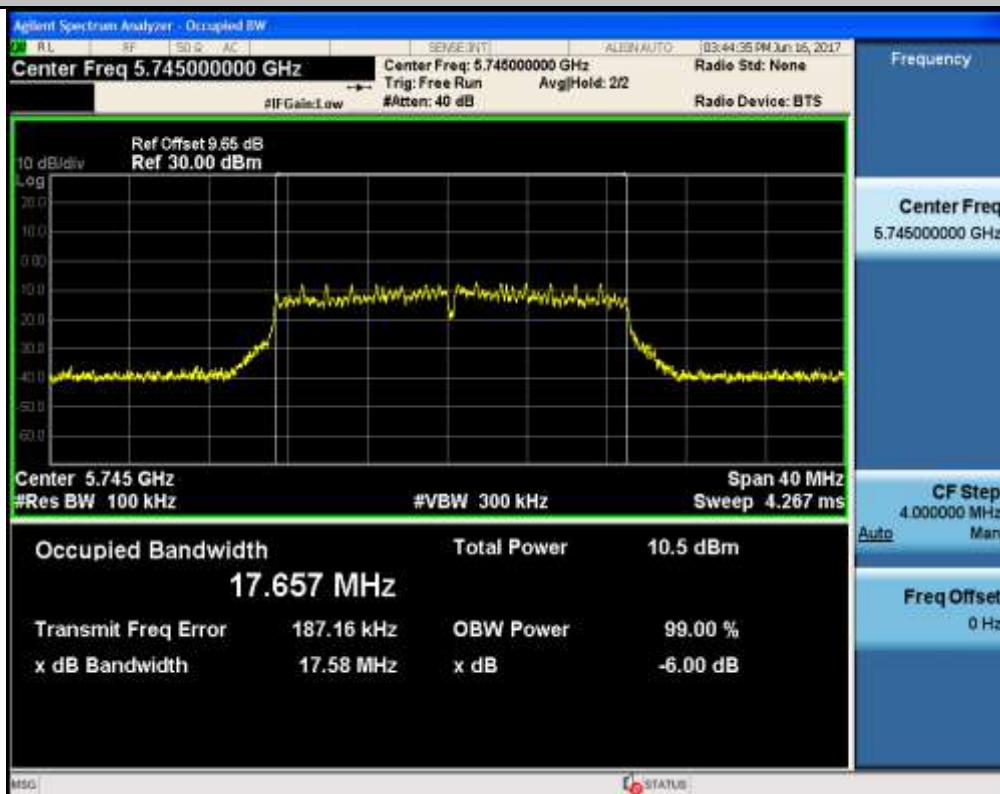
Emission Bandwidth Measurement_11AC40_5755_Ant1



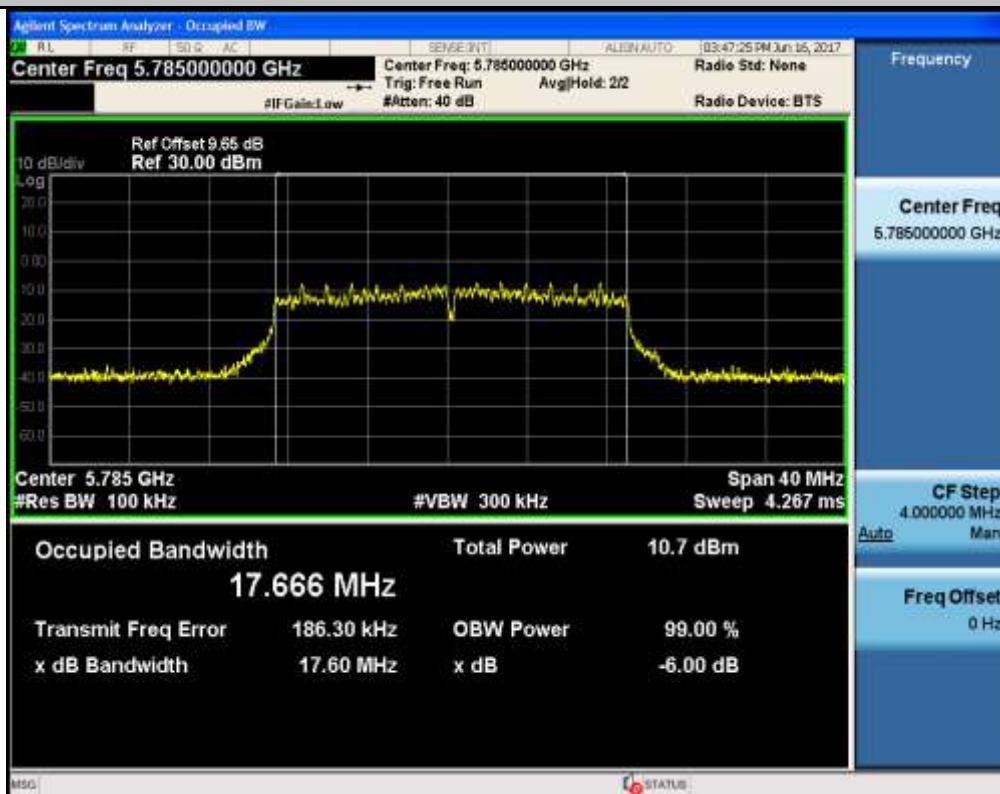
Emission Bandwidth Measurement_11AC40_5795_Ant1



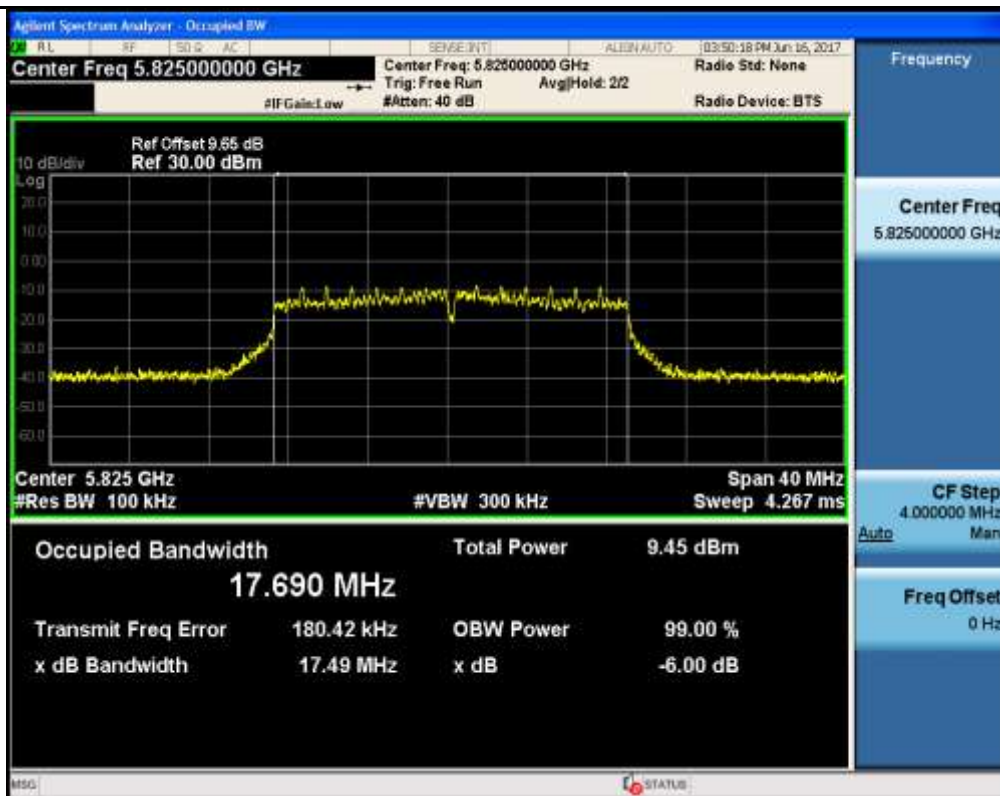
Emission Bandwidth Measurement_11N20_5745_Ant1



Emission Bandwidth Measurement_11N20_5785_Ant1



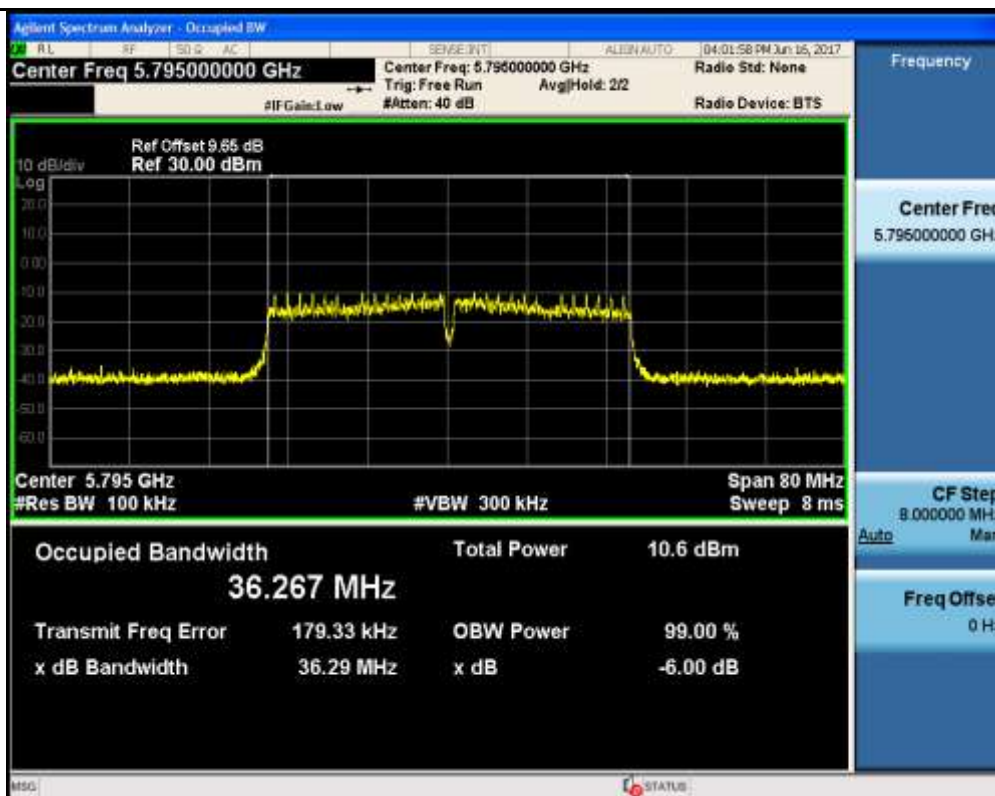
Emission Bandwidth Measurement_11N20_5825_Ant1



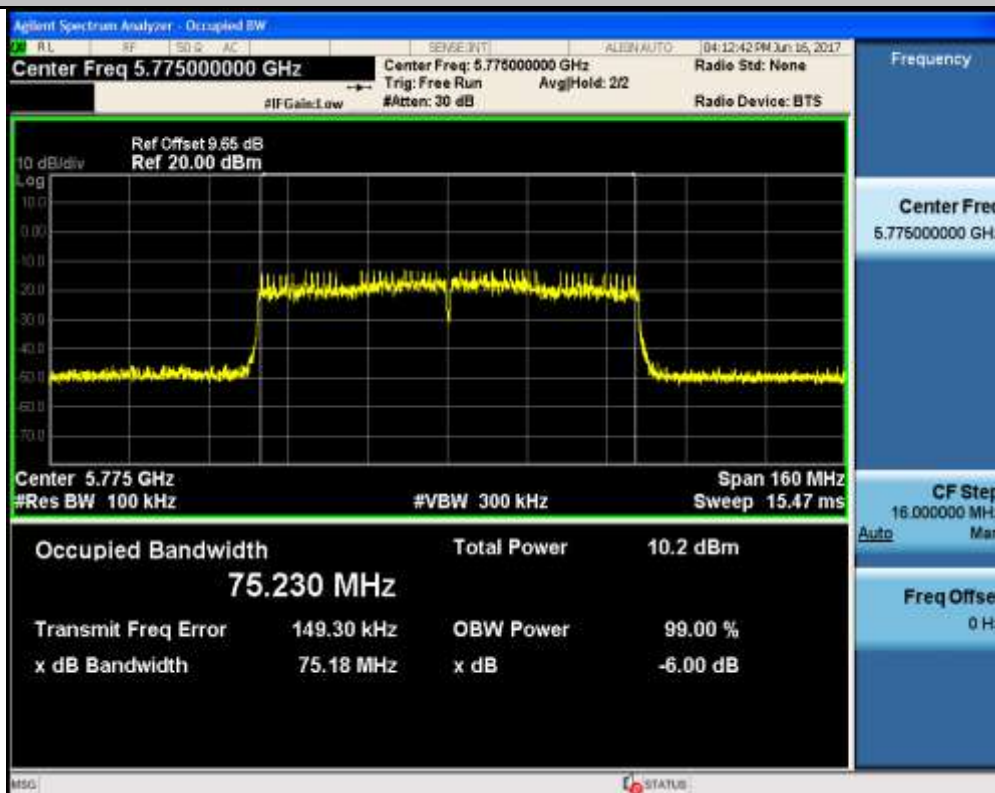
Emission Bandwidth Measurement_11N40_5755_Ant1



Emission Bandwidth Measurement_11N40_5795_Ant1



Emission Bandwidth Measurement_11AC80_5775_Ant1



2.Maximum Conduct Output Power

Test Mode	Test Channel	Ant	Level [dBm]	10log(1/x) Factor [dB]	Power [dBm]	Limit [dBm]	Verdict
11A	5180	Ant1	13.52	0.320310371213077	13.84	23.98	PASS
11A	5220	Ant1	11.36	0.320310371213077	11.68	23.98	PASS
11A	5240	Ant1	11.1	0.320310371213077	11.42	23.98	PASS
11A	5825	Ant1	8.37	0.320310371213077	8.69	30.00	PASS
11A	5785	Ant1	8.42	0.320310371213077	8.74	30.00	PASS
11A	5745	Ant1	9.6	0.320310371213077	9.92	30.00	PASS
11AC20	5180	Ant1	12.71	2.43059763953276	15.14	23.98	PASS
11AC20	5220	Ant1	11.9	2.43059763953276	14.33	23.98	PASS
11AC20	5240	Ant1	11.02	2.43059763953276	13.45	23.98	PASS
11AC20	5745	Ant1	8.93	2.39728339457937	11.33	30.00	PASS
11AC20	5785	Ant1	8.04	2.39728339457937	10.44	30.00	PASS
11AC20	5825	Ant1	7.71	2.43059763953276	10.14	30.00	PASS
11AC40	5190	Ant1	11.96	3.49304020239389	15.45	23.98	PASS
11AC40	5230	Ant1	10.8	3.49304020239389	14.29	23.98	PASS
11AC40	5755	Ant1	9.06	3.42466112442014	12.48	30.00	PASS
11AC40	5795	Ant1	8.93	3.49304020239389	12.42	30.00	PASS
11N20	5180	Ant1	12.97	2.21848749616356	15.19	23.98	PASS
11N20	5220	Ant1	11.06	2.24608028303388	13.31	23.98	PASS
11N20	5240	Ant1	10.6	2.21848749616356	12.82	23.98	PASS
11N20	5745	Ant1	10	2.21848749616356	12.22	30.00	PASS
11N20	5785	Ant1	8.91	2.21848749616356	11.13	30.00	PASS
11N20	5825	Ant1	8.97	2.21848749616356	11.19	30.00	PASS
11N40	5190	Ant1	11.8	3.23306390375133	15.03	23.98	PASS
11N40	5230	Ant1	10.85	3.23306390375133	14.08	23.98	PASS
11N40	5795	Ant1	10.61	3.29383113599674	13.90	30.00	PASS
11N40	5755	Ant1	10.74	3.23306390375133	13.97	30.00	PASS
11AC80	5210	Ant1	11.96	4.51242171426296	16.47	23.98	PASS
11AC80	5775	Ant1	9.49	4.51242171426296	14.00	30.00	PASS

Maximum Conduct Output Power_11A_5180_Ant1



Maximum Conduct Output Power_11A_5220_Ant1



Maximum Conduct Output Power_11A_5240_Ant1



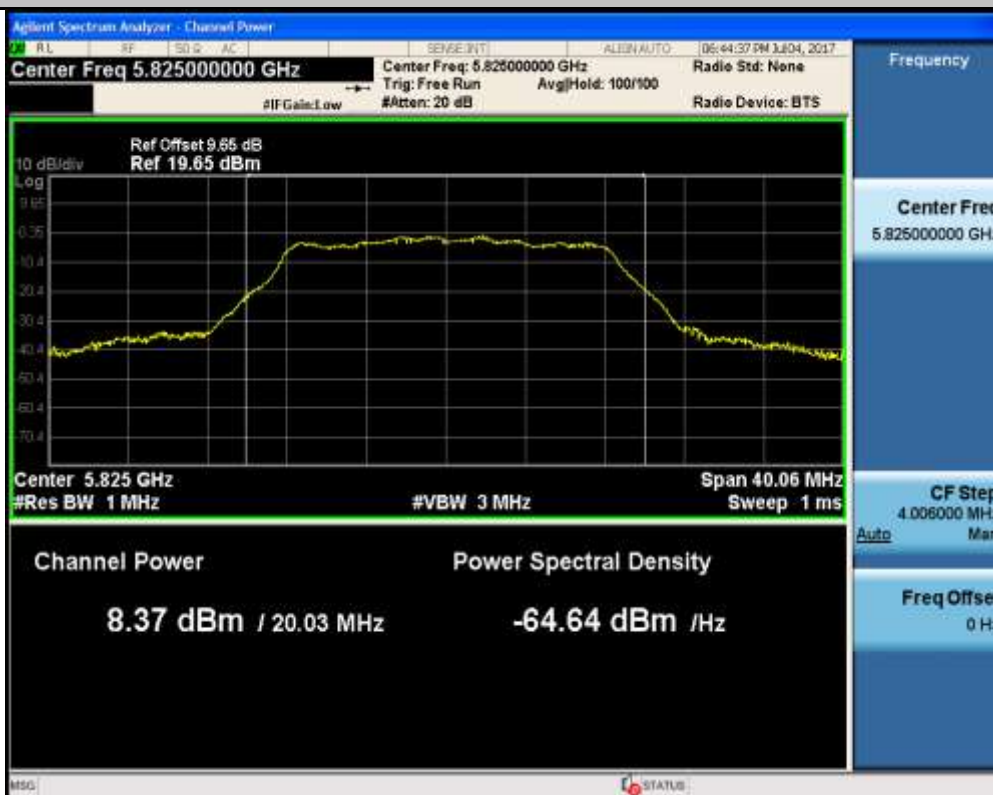
Maximum Conduct Output Power_11A_5745_Ant1



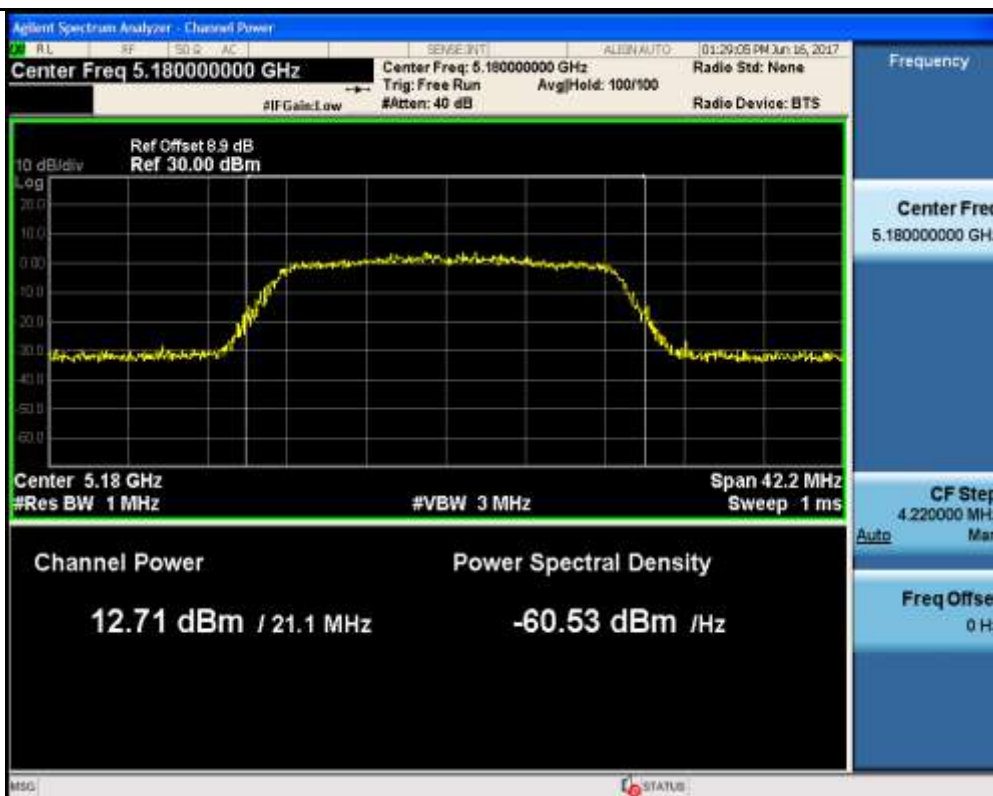
Maximum Conduct Output Power_11A_5785_Ant1



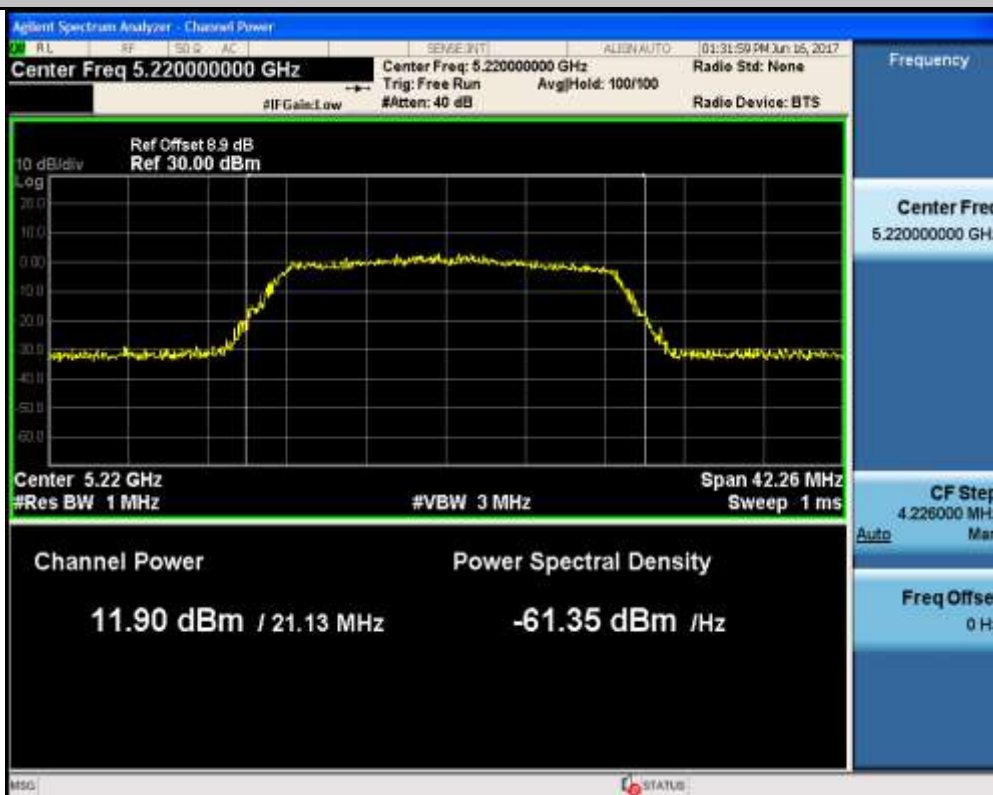
Maximum Conduct Output Power_11A_5825_Ant1



Maximum Conduct Output Power_11AC20_5180_Ant1



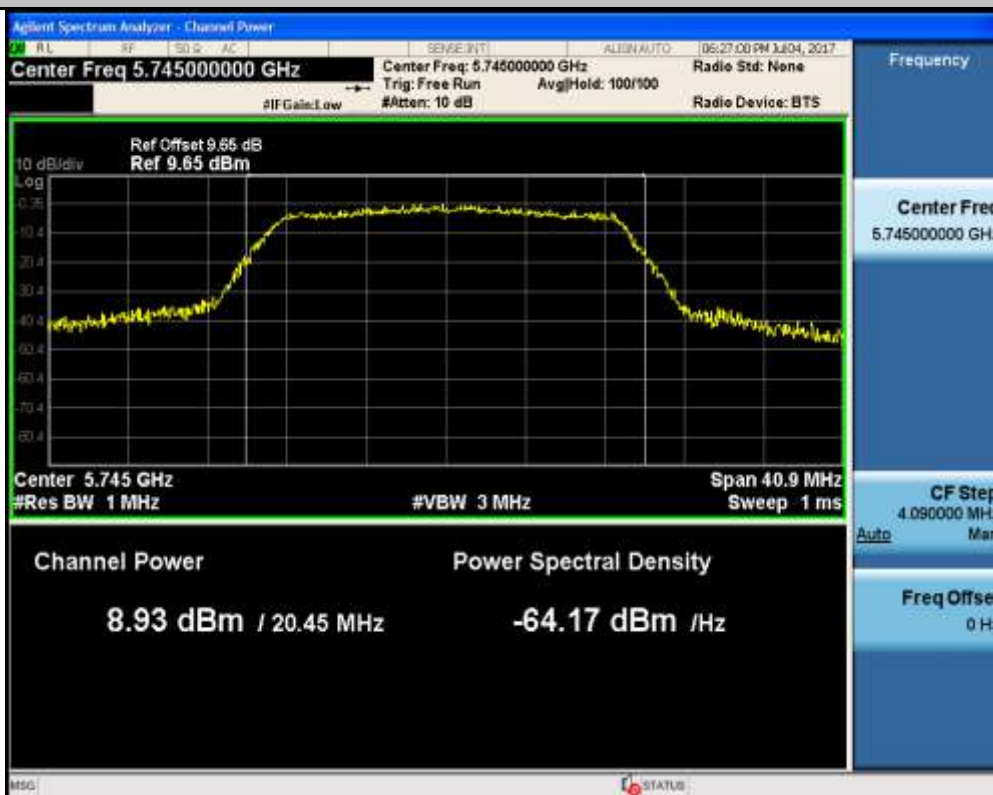
Maximum Conduct Output Power_11AC20_5220_Ant1



Maximum Conduct Output Power_11AC20_5240_Ant1



Maximum Conduct Output Power_11AC20_5745_Ant1



Maximum Conduct Output Power_11AC20_5785_Ant1



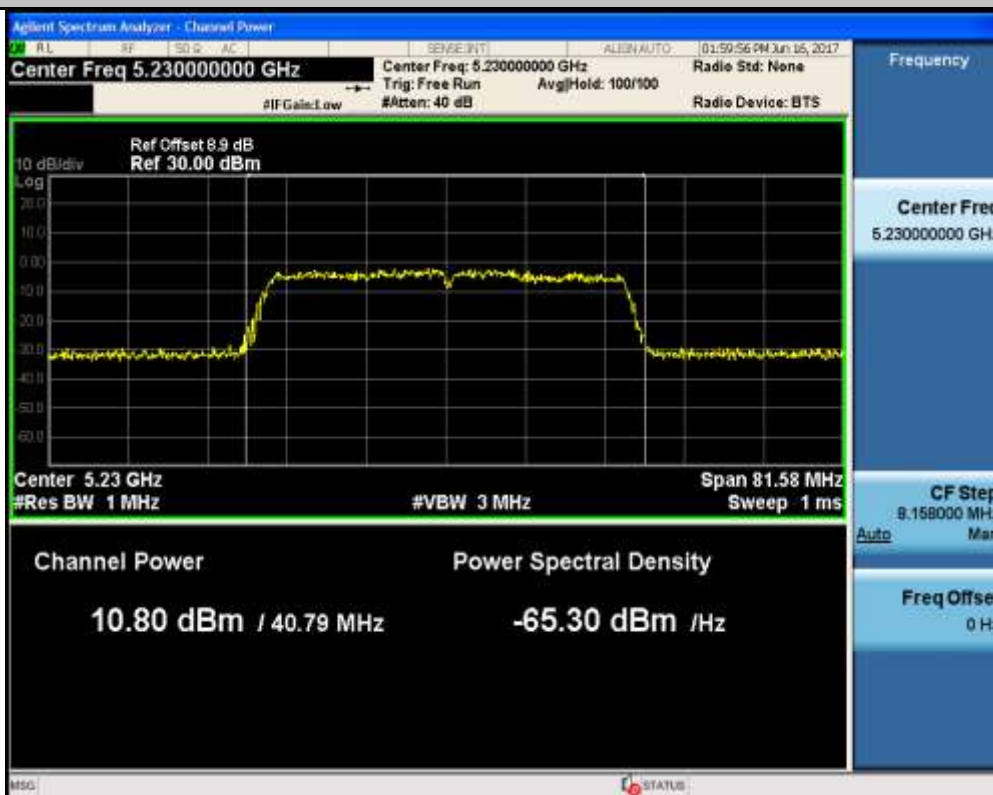
Maximum Conduct Output Power_11AC20_5825_Ant1



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_11N20_5180_Ant1



Maximum Conduct Output Power_11N20_5220_Ant1



Maximum Conduct Output Power_11N20_5240_Ant1



Maximum Conduct Output Power_11N20_5745_Ant1



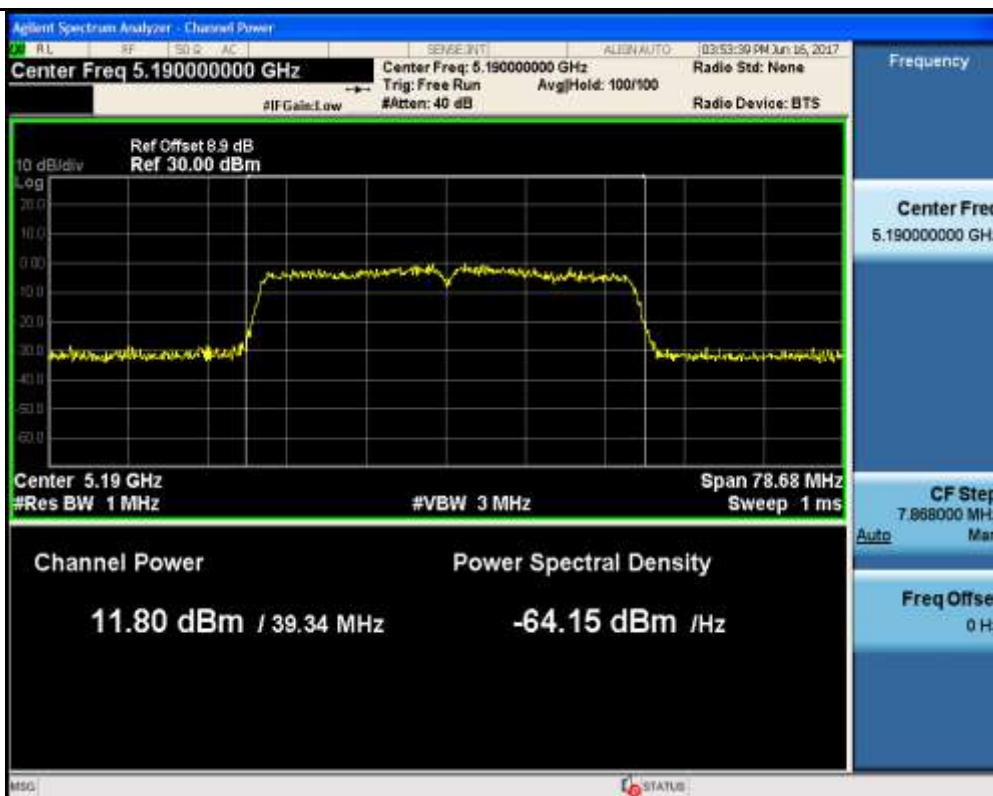
Maximum Conduct Output Power_11N20_5785_Ant1



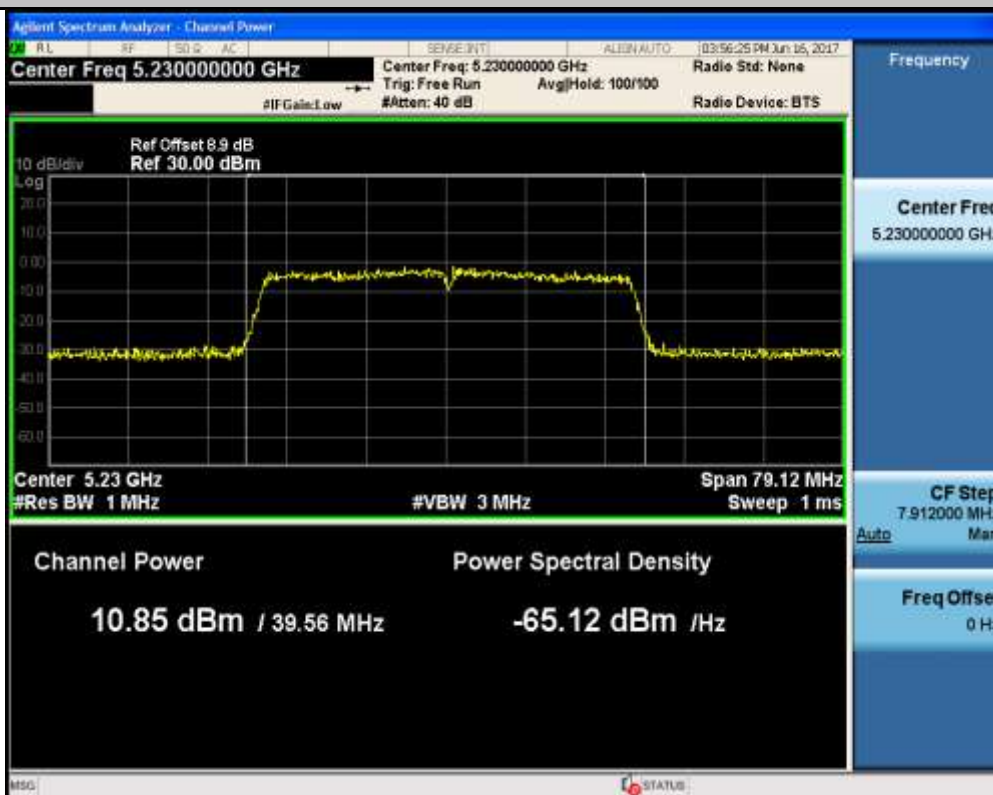
Maximum Conduct Output Power_11N20_5825_Ant1



Maximum Conduct Output Power_11N40_5190_Ant1



Maximum Conduct Output Power_11N40_5230_Ant1



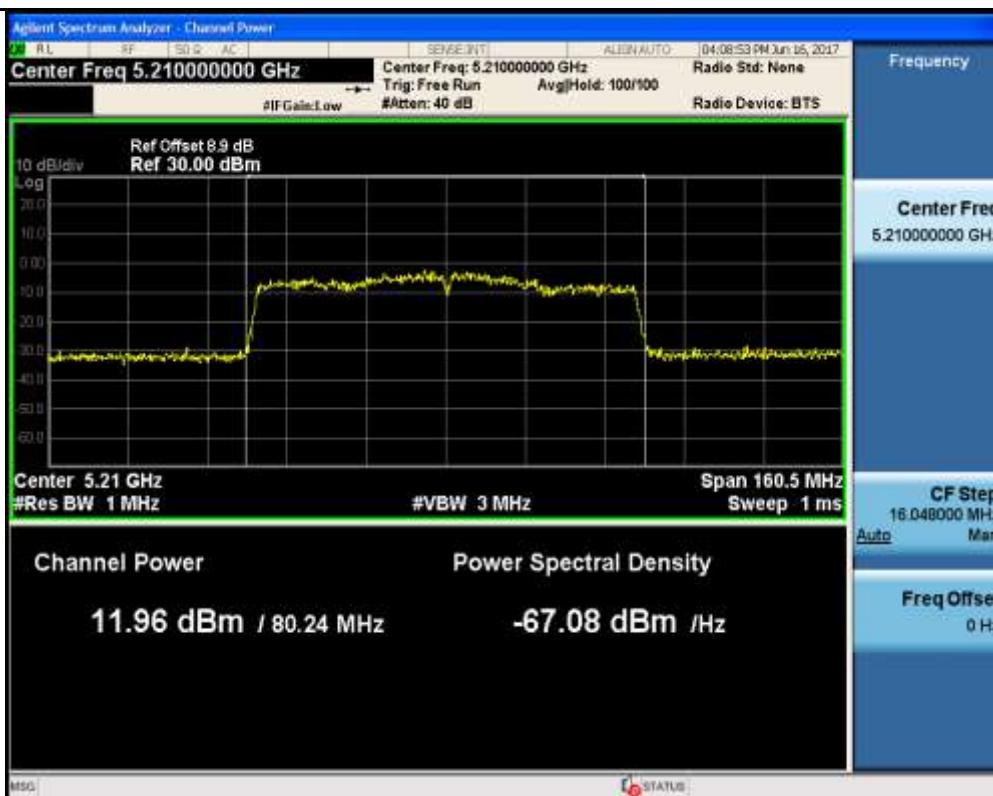
Maximum Conduct Output Power_11N40_5755_Ant1



Maximum Conduct Output Power_11N40_5795_Ant1



Maximum Conduct Output Power_11AC80_5210_Ant1



Maximum Conduct Output Power_11AC80_5775_Ant1



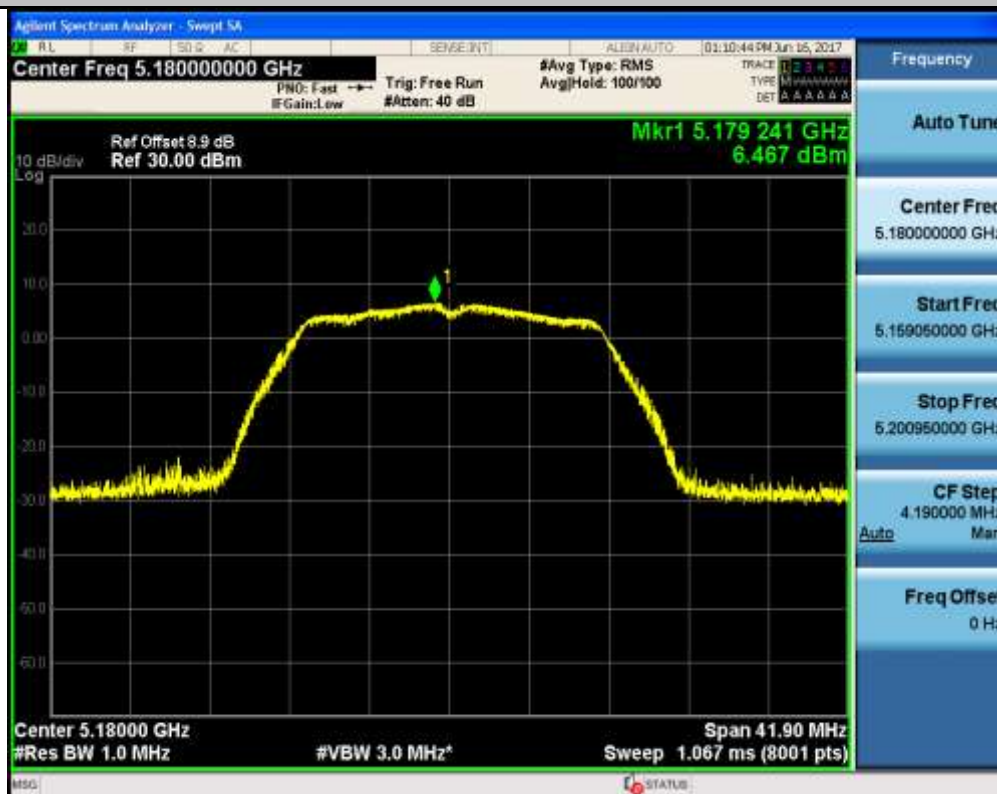
3.Maximum Power Spectral Density

Test Mode	Test Channel	Level [dBm/MHz]	10log(1/x) Factor [dB]	PSD [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	5180	6.467	0.320310371213077	6.787	11.00	PASS
11A	5220	4.442	0.320310371213077	4.762	11.00	PASS
11A	5240	3.863	0.320310371213077	4.183	11.00	PASS
11AC20	5180	6.217	2.43059763953276	8.648	11.00	PASS
11AC20	5220	5.483	2.43059763953276	7.914	11.00	PASS
11AC20	5240	5.692	2.43059763953276	8.123	11.00	PASS
11AC40	5190	3.474	3.49304020239389	6.967	11.00	PASS
11AC40	5230	1.185	3.49304020239389	4.678	11.00	PASS
11N20	5180	7.067	2.21848749616356	9.285	11.00	PASS
11N20	5220	4.857	2.24608028303388	7.103	11.00	PASS
11N20	5240	3.782	2.21848749616356	6	11.00	PASS
11N40	5190	2.699	3.23306390375133	5.932	11.00	PASS
11N40	5230	1.359	3.23306390375133	4.592	11.00	PASS
11AC80	5210	0.028	4.51242171426296	4.54	11.00	PASS

Test Mode	Test Channel	Level [dBm/500kHz]	10log(1/x) Factor[dB]	10log(500kHz/RBW) Factor [dB]	PSD [dBm/500kHz]	Limit [dBm/500kHz]	Verdict
11A	5745	-0.726	0.320310371213077	- 0.0860017176191758	-0.492	30.00	PASS
11A	5785	-1.005	0.320310371213077	- 0.0860017176191758	-0.771	30.00	PASS
11A	5825	-1.95	0.320310371213077	- 0.0860017176191758	-1.716	30.00	PASS
11AC20	5745	0.409	2.39728339457937	- 0.0860017176191758	2.72	30.00	PASS
11AC20	5785	0.486	2.39728339457937	- 0.0860017176191758	2.797	30.00	PASS
11AC20	5825	-1.033	2.43059763953276	- 0.0860017176191758	1.312	30.00	PASS
11AC40	5755	-3.293	3.42466112442014	- 0.0860017176191758	0.046	30.00	PASS
11AC40	5795	-3.18	3.49304020239389	- 0.0860017176191758	0.227	30.00	PASS
11N20	5745	-0.297	2.21848749616356	- 0.0860017176191758	1.835	30.00	PASS
11N20	5785	-0.586	2.21848749616356	- 0.0860017176191758	1.546	30.00	PASS
11N20	5825	-1.437	2.21848749616356	- 0.0860017176191758	0.695	30.00	PASS
11N40	5755	-2.733	3.29383113599674	- 0.0860017176191758	0.475	30.00	PASS
11N40	5795	-2.789	3.23306390375133	- 0.0860017176191758	0.358	30.00	PASS

11AC80	5775	-6.19	4.51242171426296	- 0.0860017176191758	-1.764	30.00	PASS
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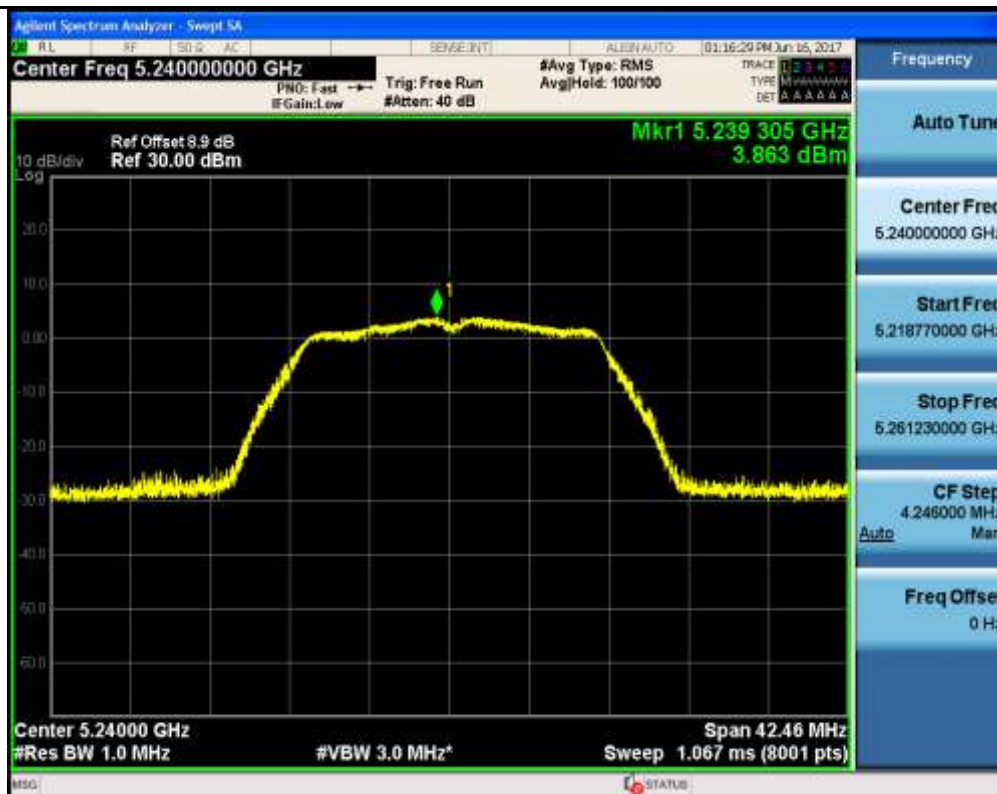
Maximum Conduct Output Power_TNVN_11A_5180_Ant1



Maximum Conduct Output Power_TNVN_11A_5220_Ant1



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



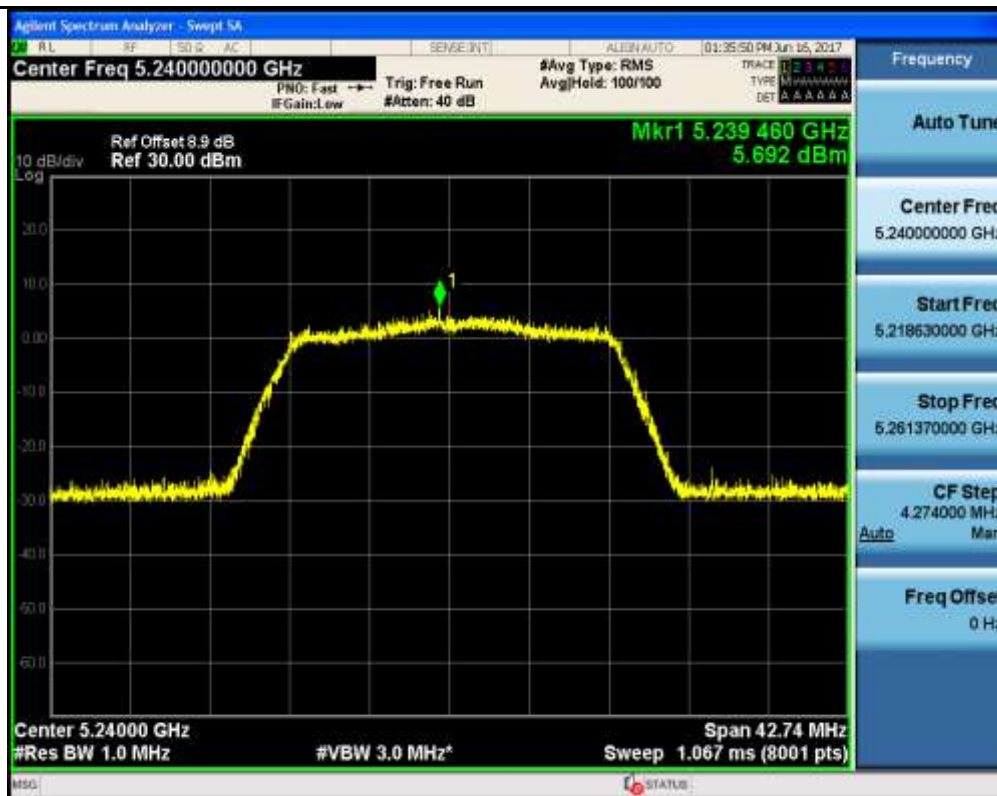
Maximum Conduct Output Power_TNVN_11AC20_5180_Ant1



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



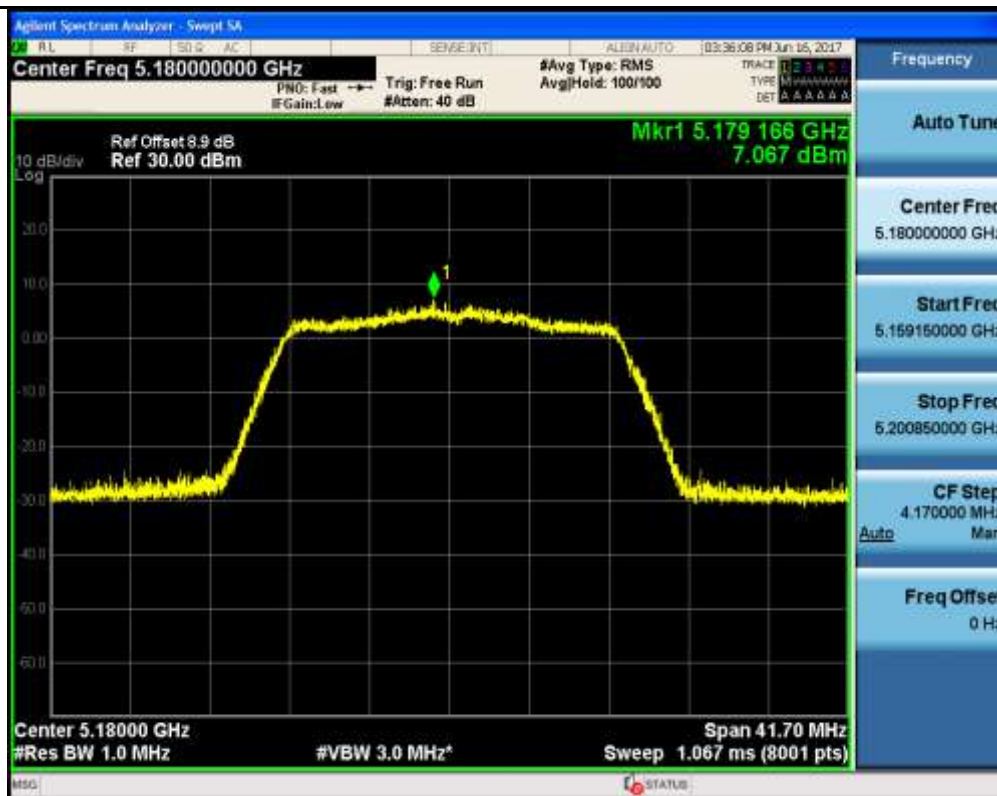
Maximum Conduct Output Power_TNVN_11AC40_5755_Ant1



Maximum Conduct Output Power_TNVN_11AC40_5795_Ant1



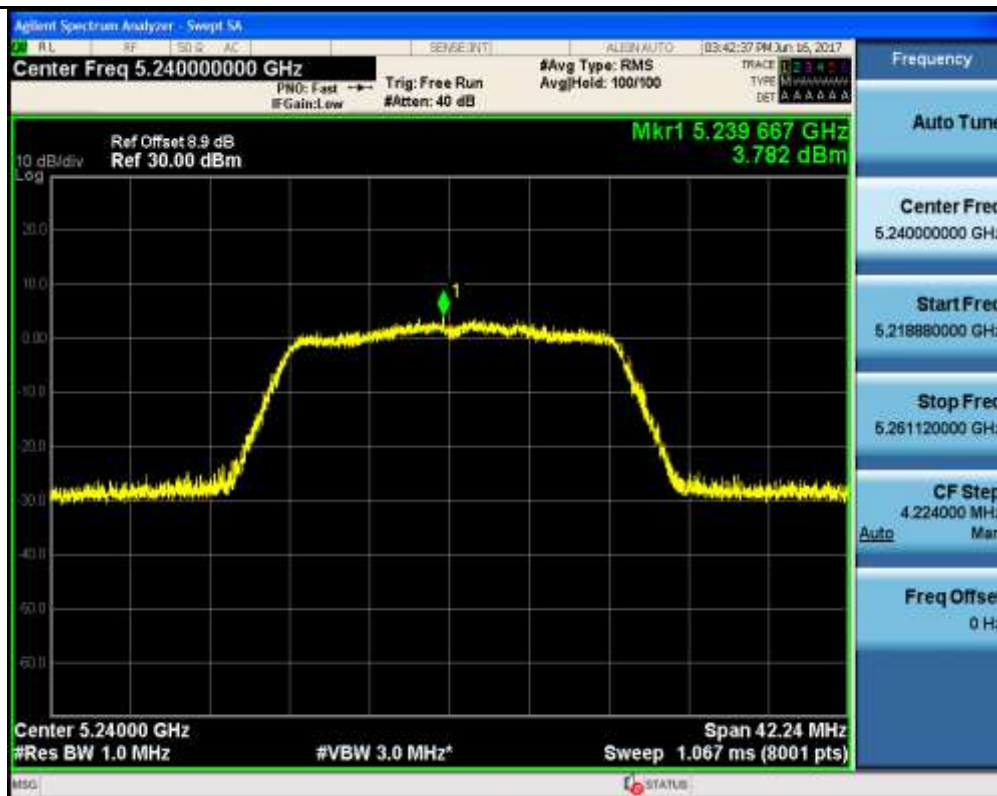
Maximum Conduct Output Power_TNVN_11N20_5180_Ant1



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_11AC80_5210_Ant1



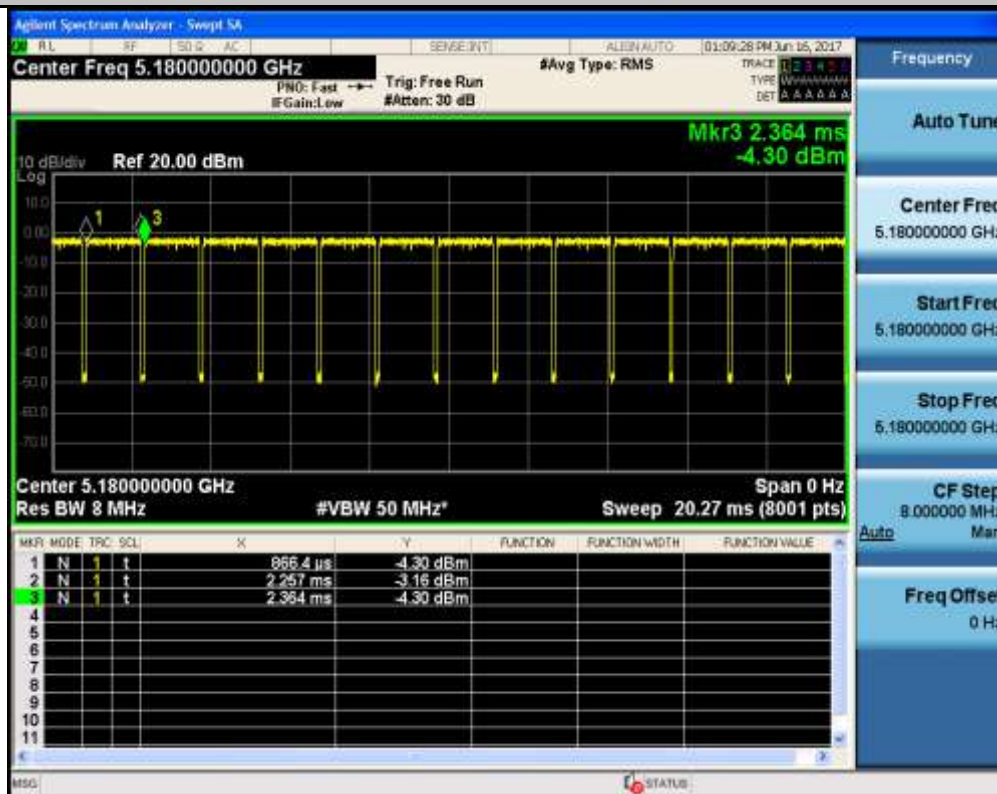
Maximum Conduct Output Power_TNVN_11AC80_5775_Ant1



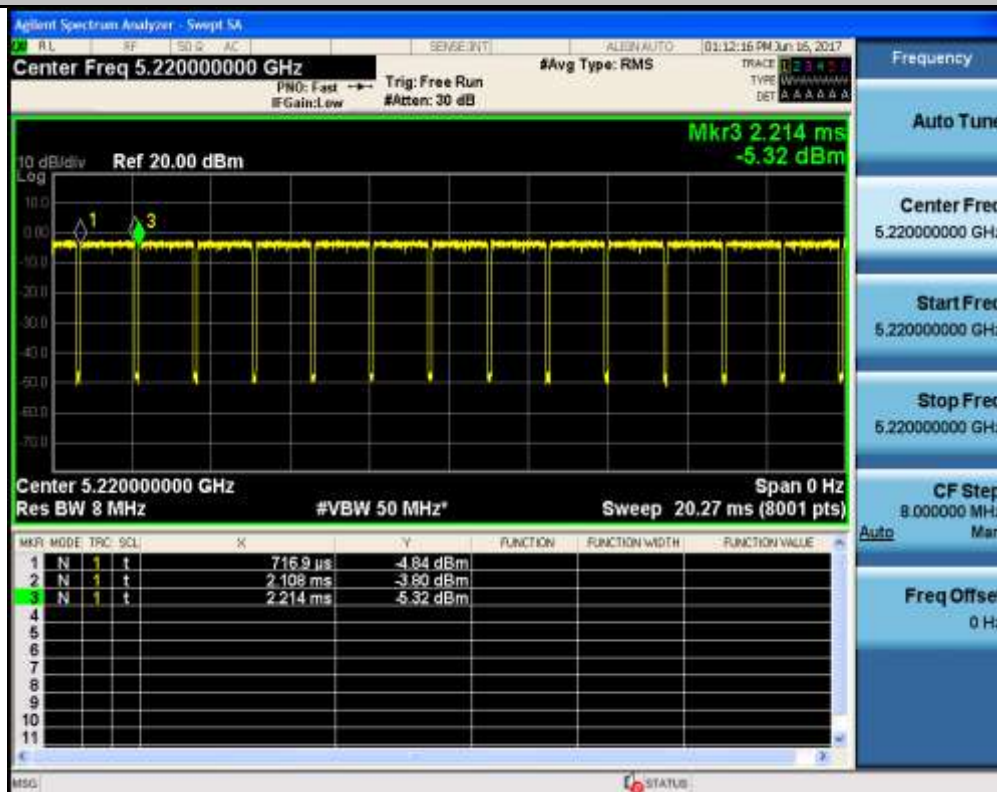
4.Duty Cycle (x)

Test Mode	Test Channel	Ant	Duty Cycle[%]	10log(1/x) Factor[dB]
11A	5180	Ant1	92.89	0.320310371213077
11A	5220	Ant1	92.89	0.320310371213077
11A	5240	Ant1	92.89	0.320310371213077
11A	5745	Ant1	92.89	0.320310371213077
11A	5785	Ant1	92.89	0.320310371213077
11A	5825	Ant1	92.89	0.320310371213077
11AC20	5180	Ant1	57.14	2.43059763953276
11AC20	5220	Ant1	57.14	2.43059763953276
11AC20	5240	Ant1	57.14	2.43059763953276
11AC20	5745	Ant1	57.58	2.39728339457937
11AC20	5785	Ant1	57.58	2.39728339457937
11AC20	5825	Ant1	57.14	2.43059763953276
11AC40	5190	Ant1	44.74	3.49304020239389
11AC40	5230	Ant1	44.74	3.49304020239389
11AC40	5755	Ant1	45.45	3.42466112442014
11AC40	5795	Ant1	44.74	3.49304020239389
11N20	5180	Ant1	60	2.21848749616356
11N20	5220	Ant1	59.62	2.24608028303388
11N20	5240	Ant1	60	2.21848749616356
11N20	5745	Ant1	60	2.21848749616356
11N20	5785	Ant1	60	2.21848749616356
11N20	5825	Ant1	60	2.21848749616356
11N40	5190	Ant1	47.5	3.23306390375133
11N40	5230	Ant1	47.5	3.23306390375133
11N40	5755	Ant1	46.84	3.29383113599674
11N40	5795	Ant1	47.5	3.23306390375133
11AC80	5210	Ant1	35.38	4.51242171426296
11AC80	5775	Ant1	35.38	4.51242171426296

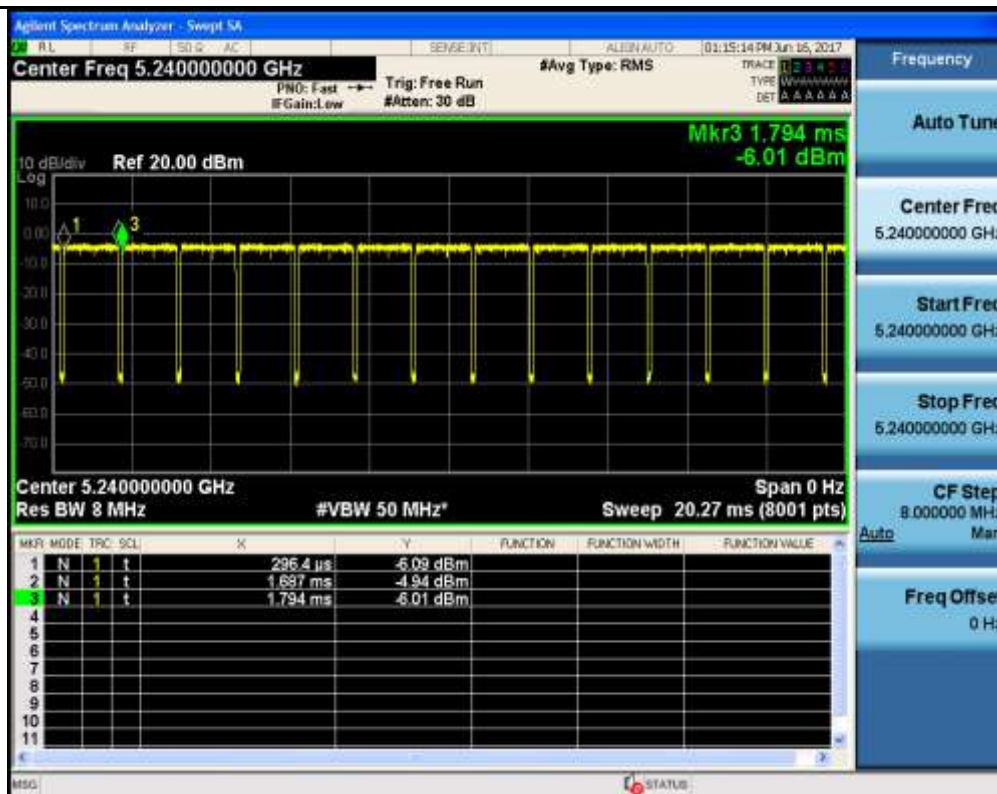
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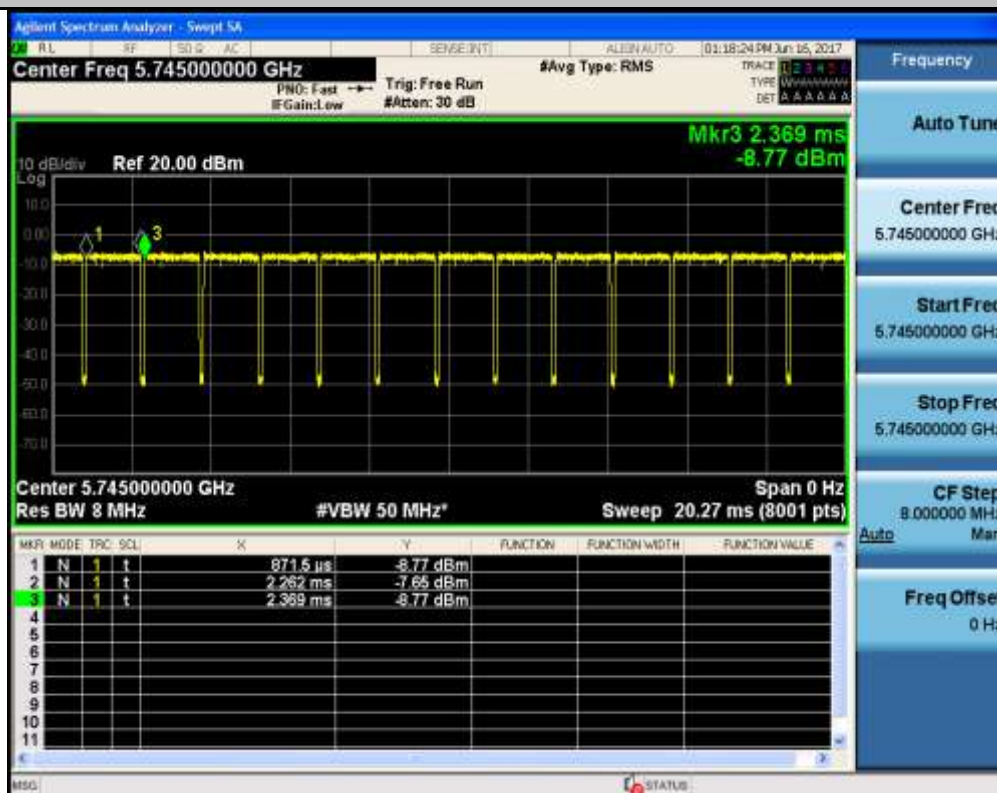
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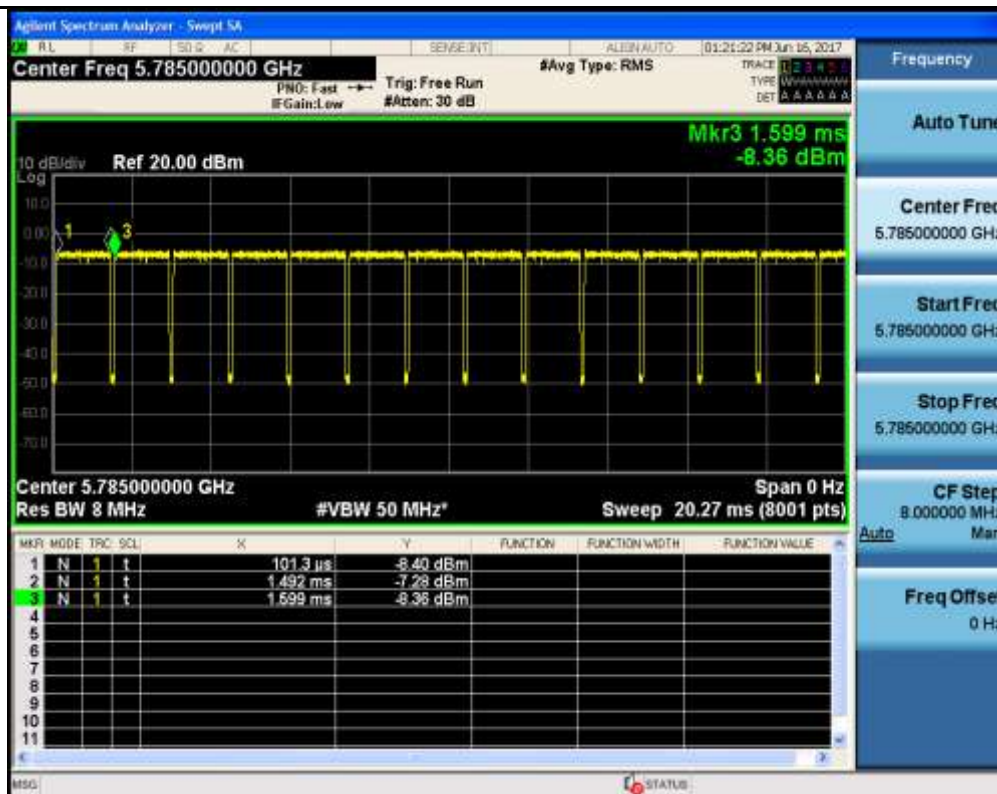
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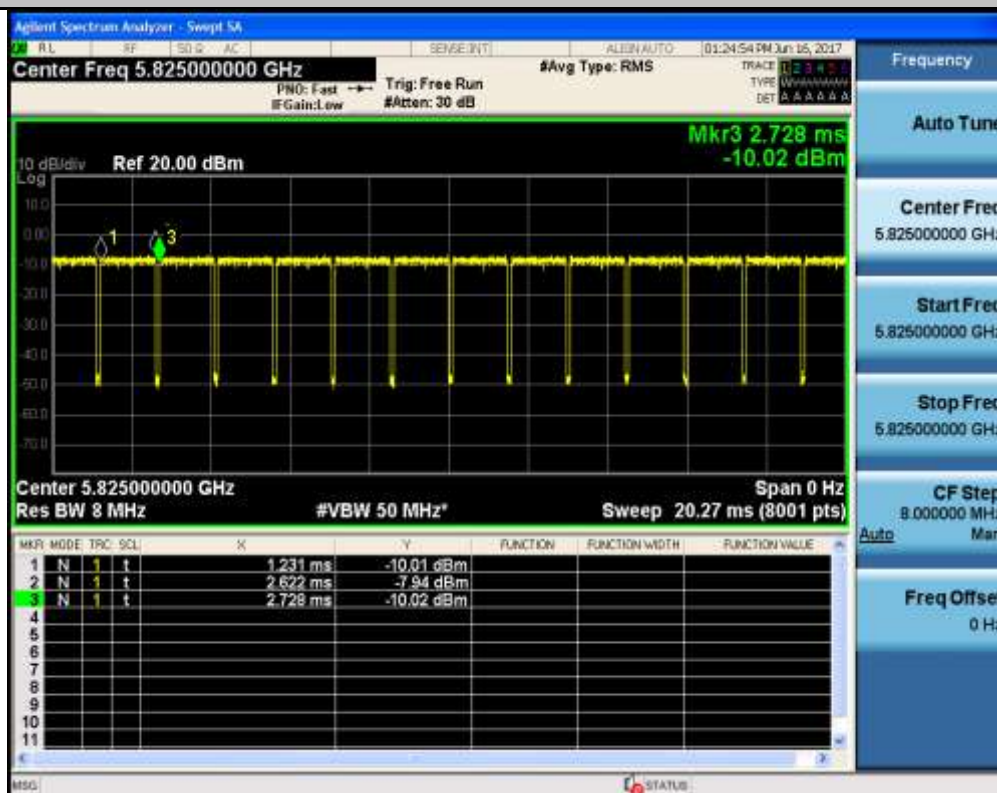
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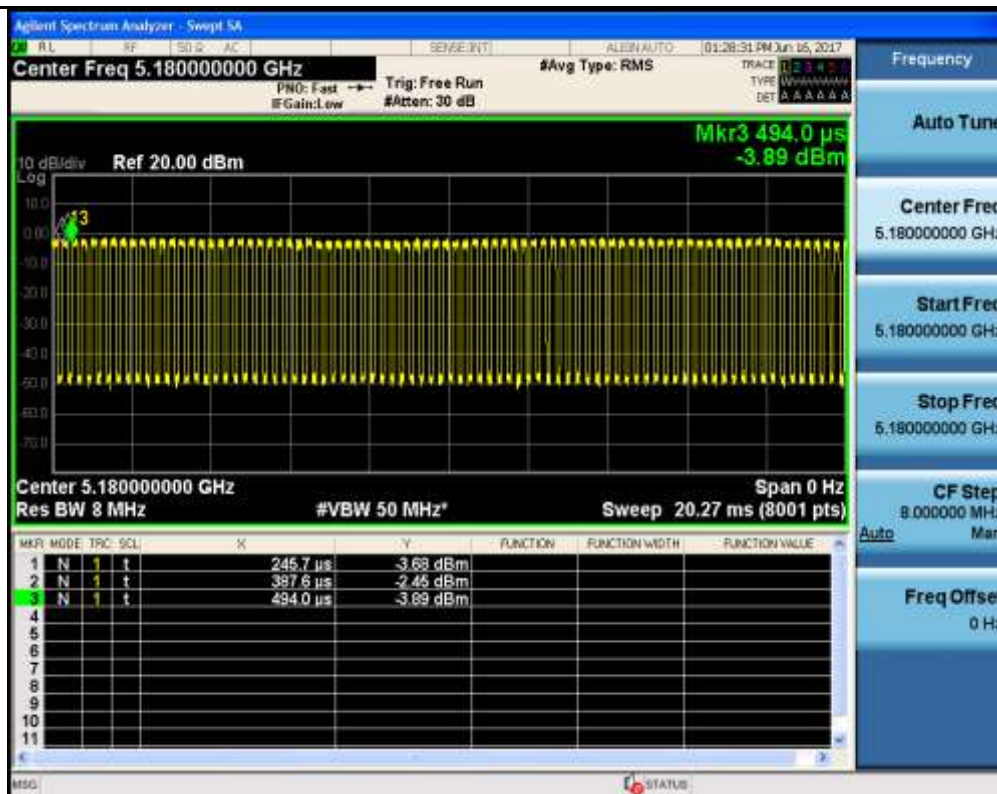
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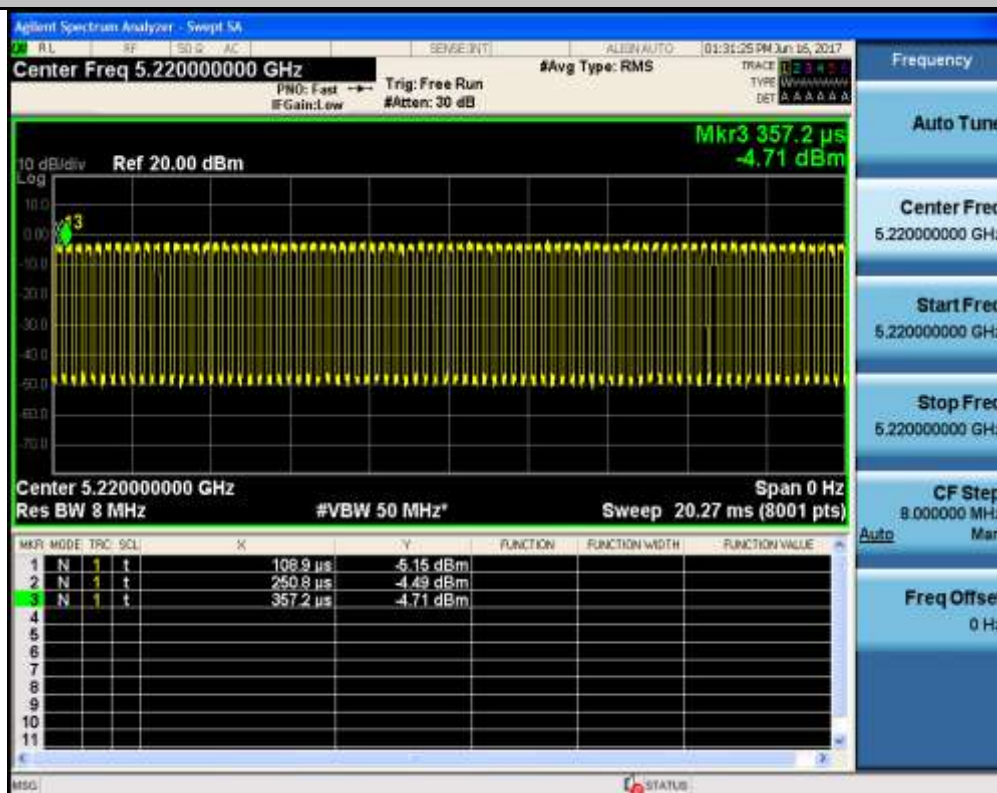
Duty Cycle_11A_5825_Ant1



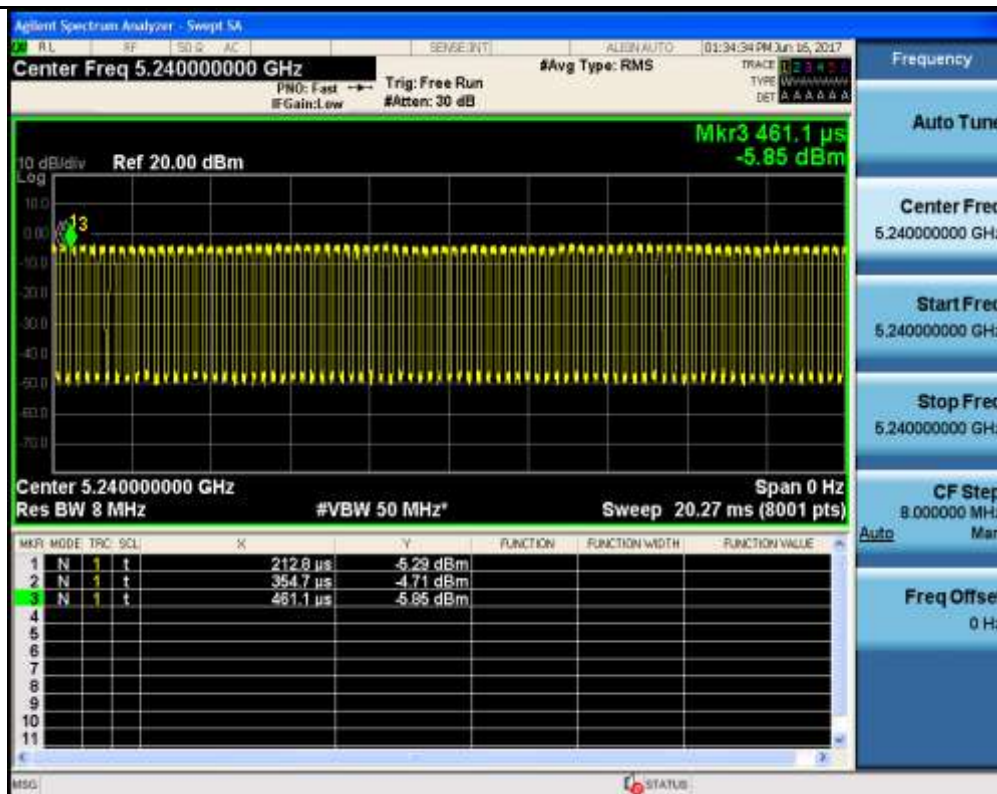
Duty Cycle_11AC20_5180_Ant1



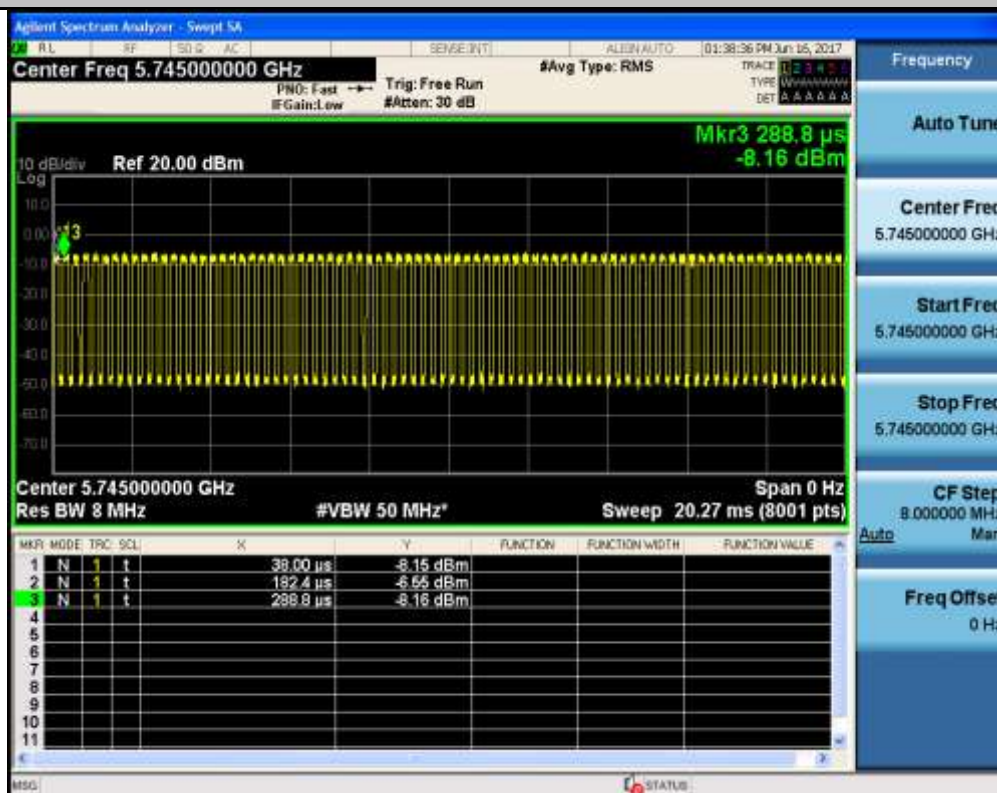
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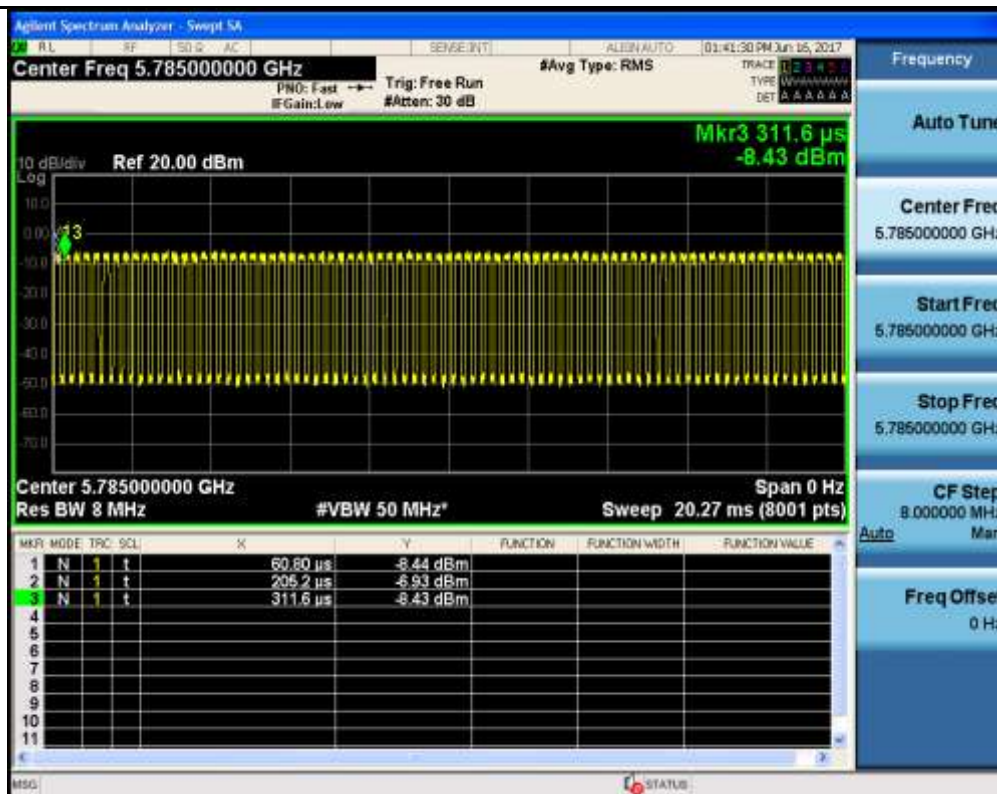
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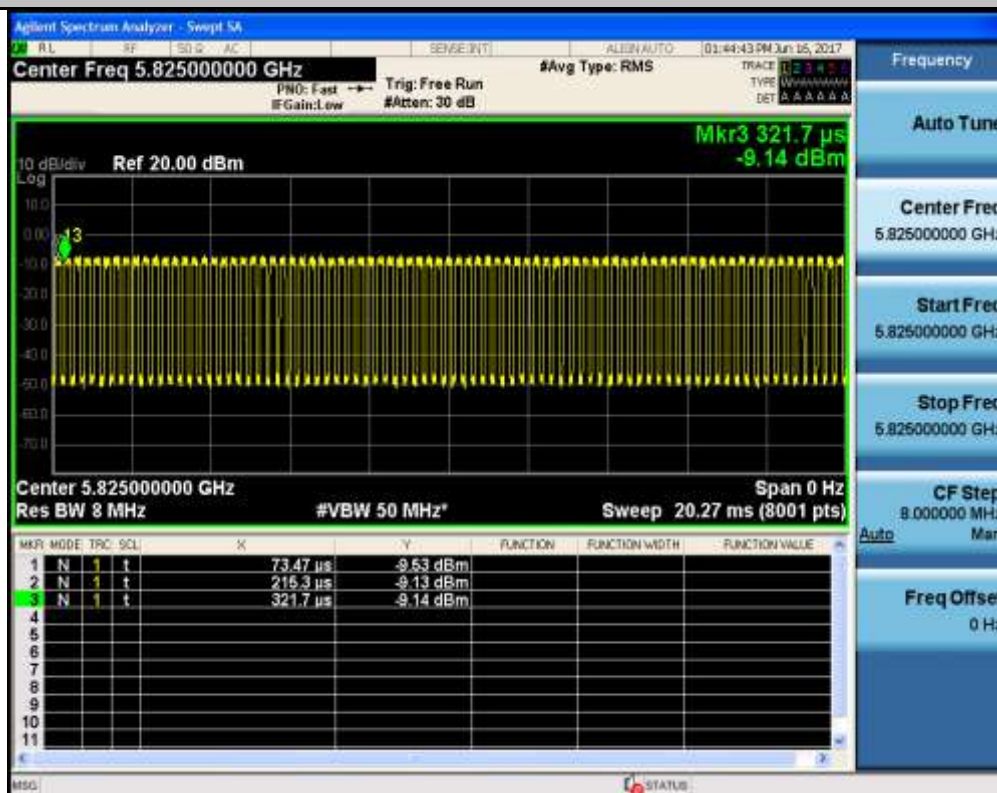
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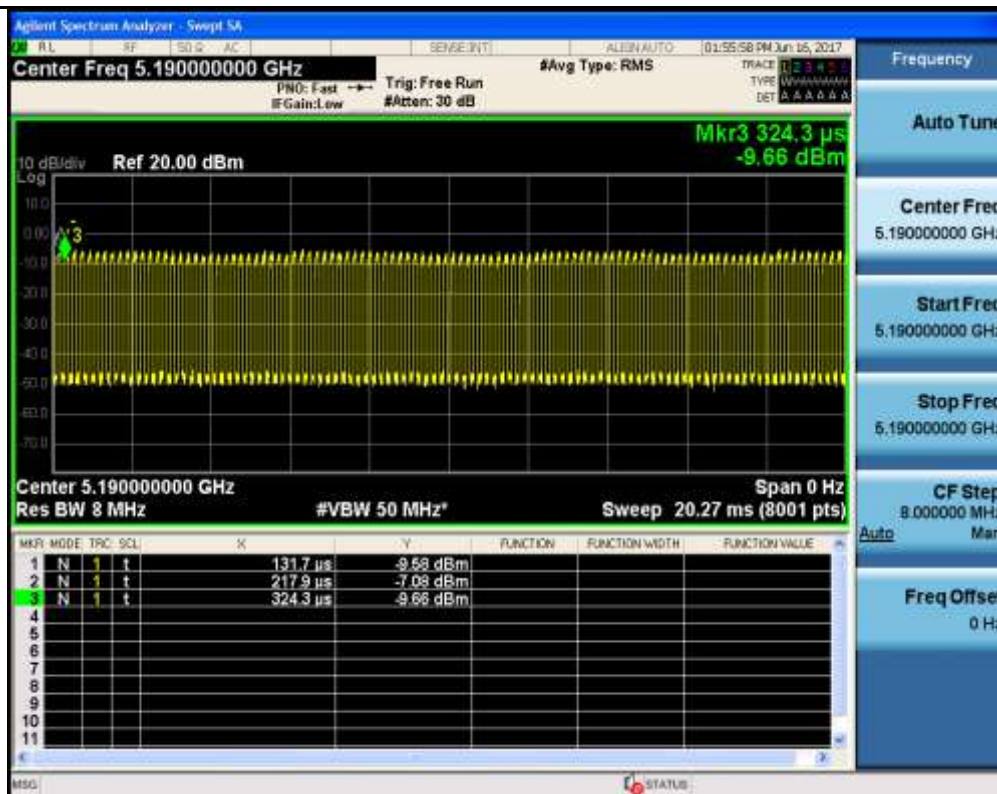
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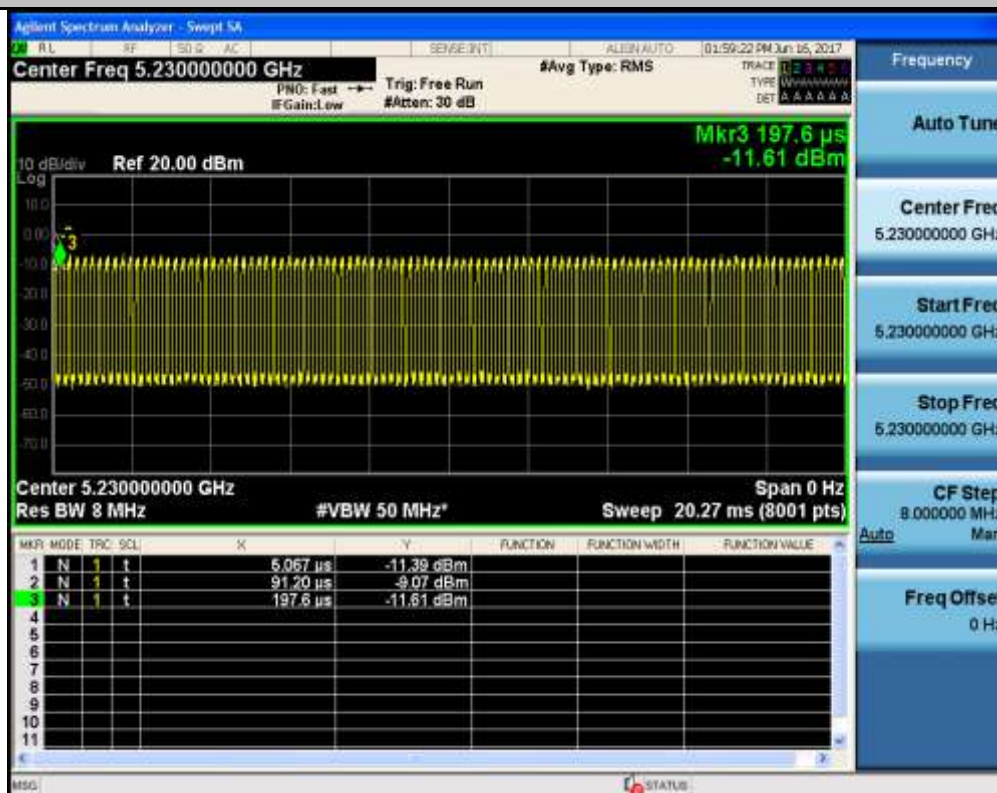
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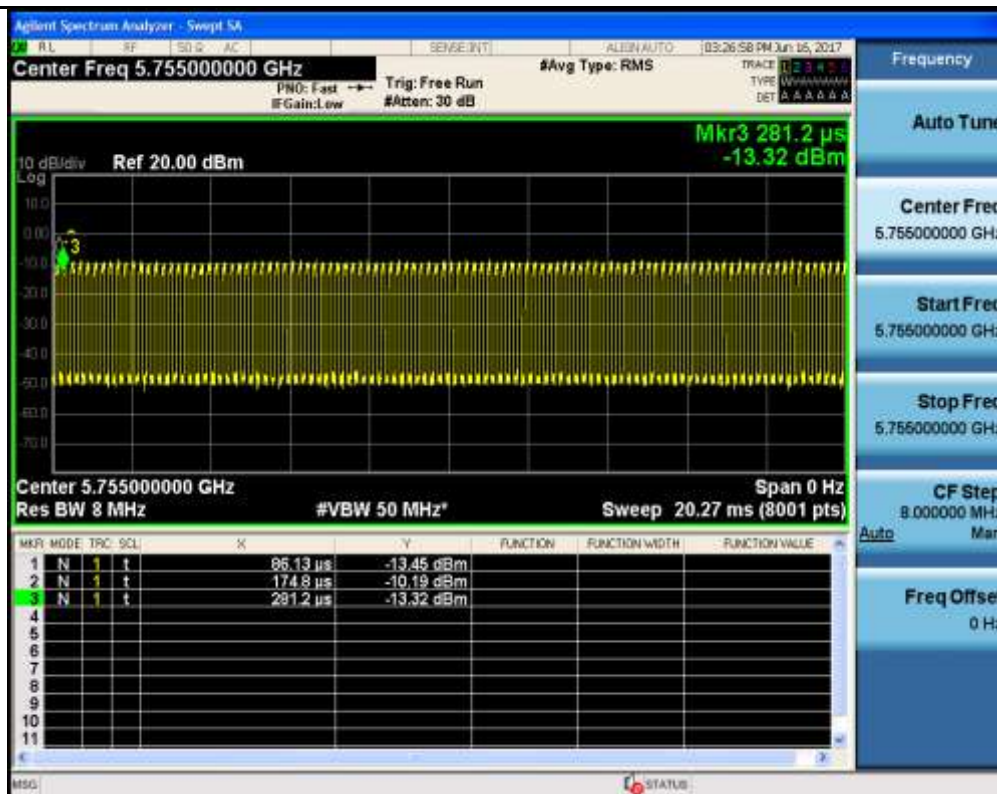
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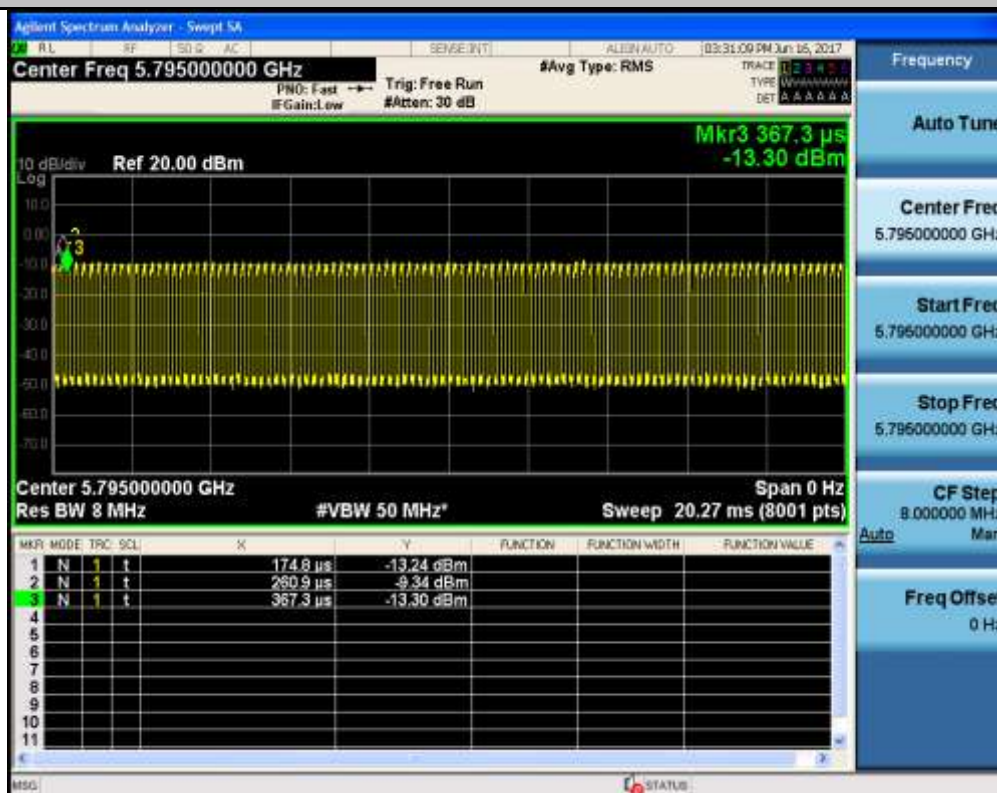
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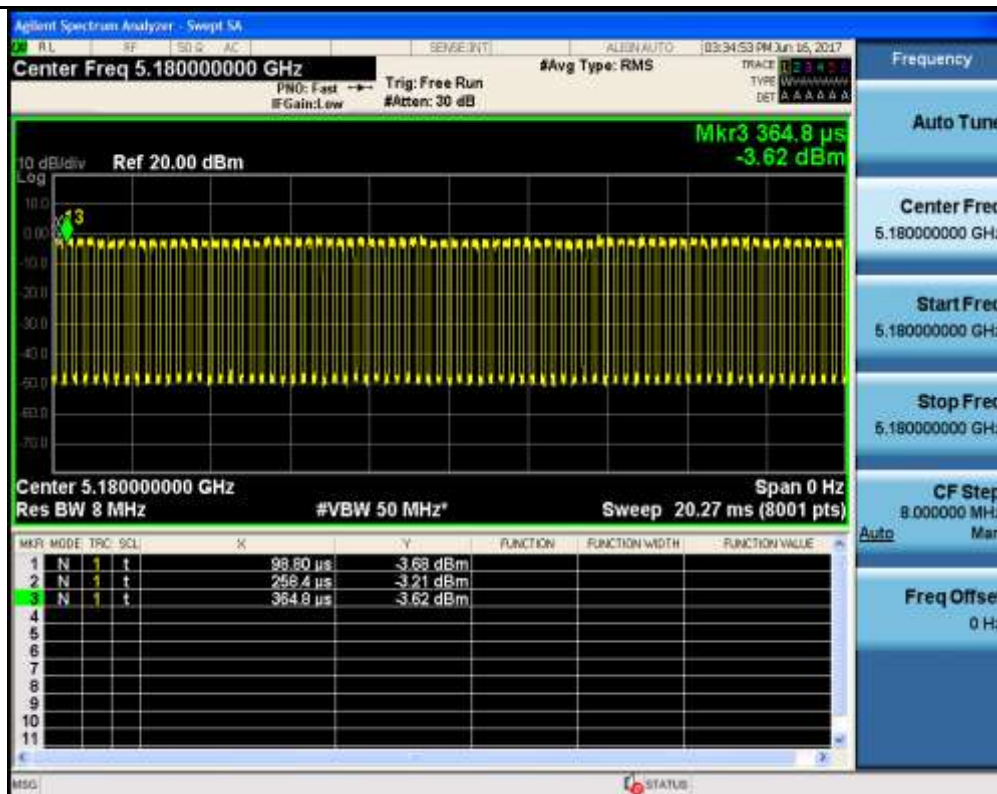
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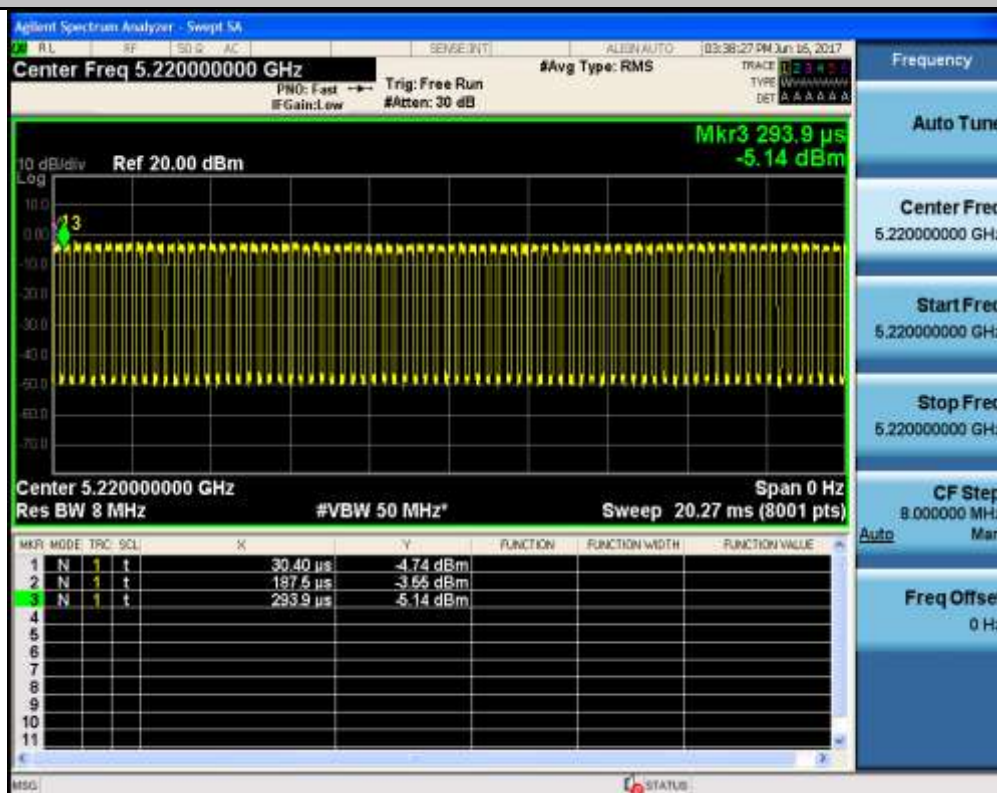
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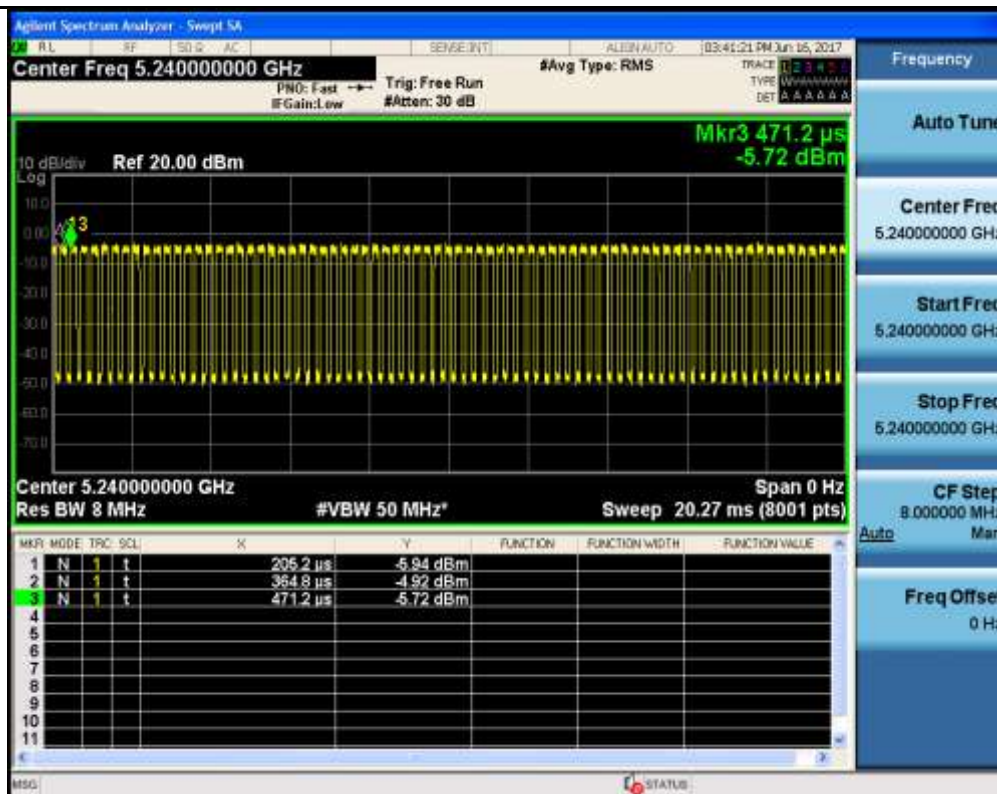
Duty Cycle_11N20_5180_Ant1



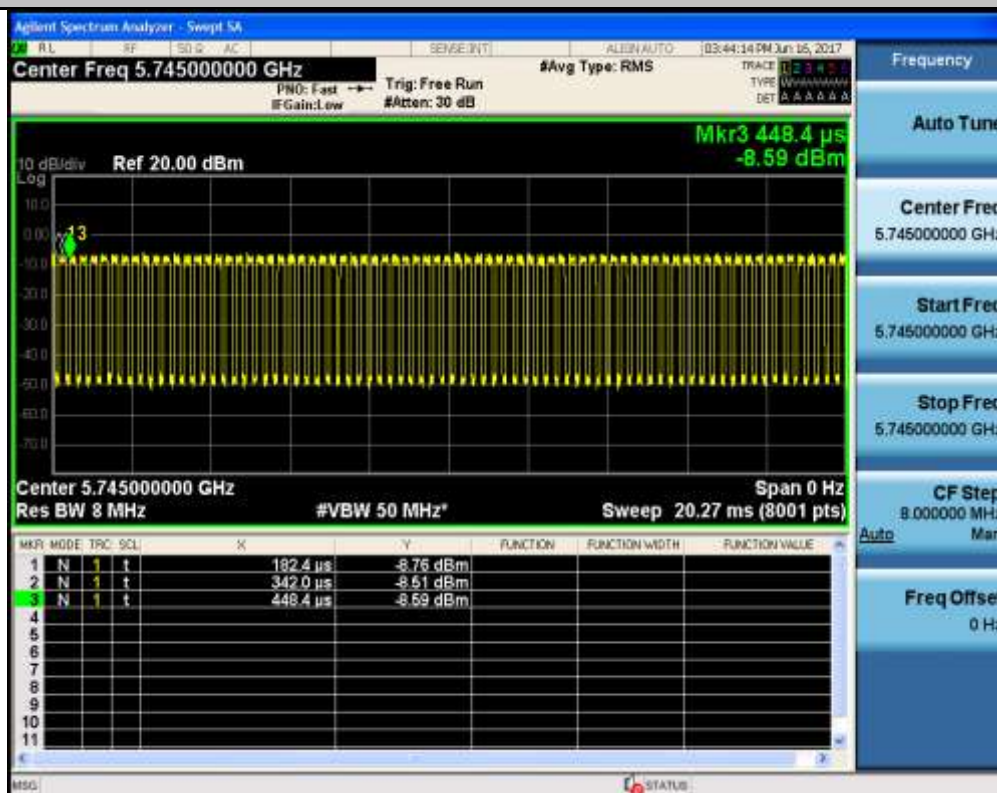
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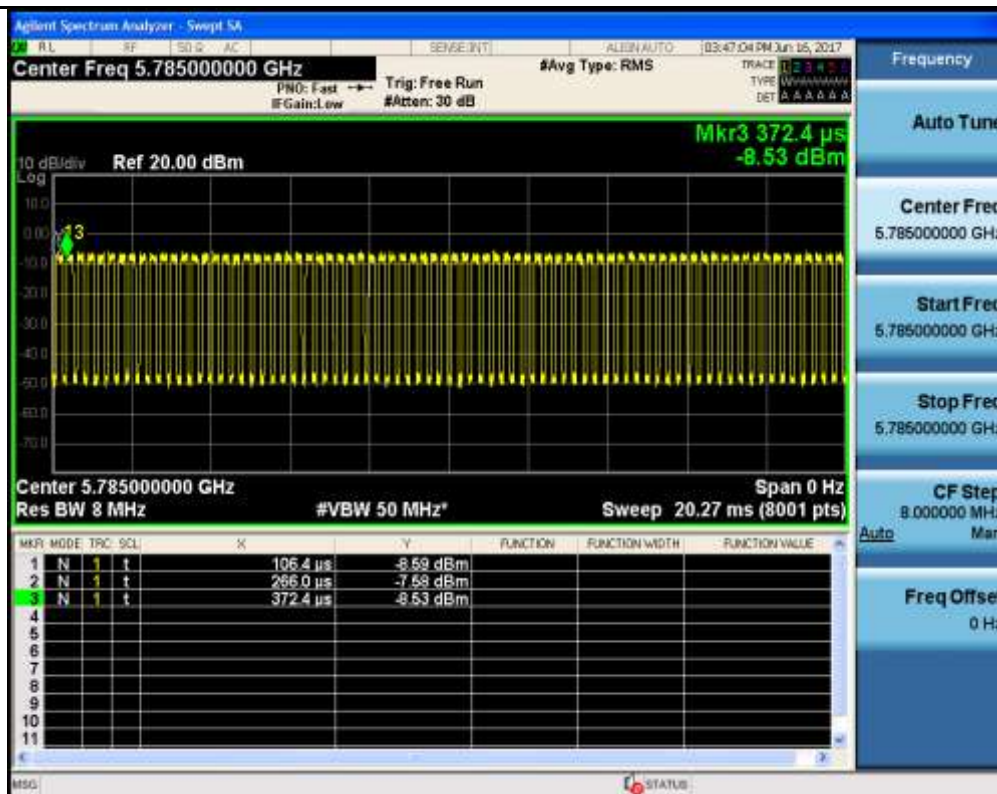
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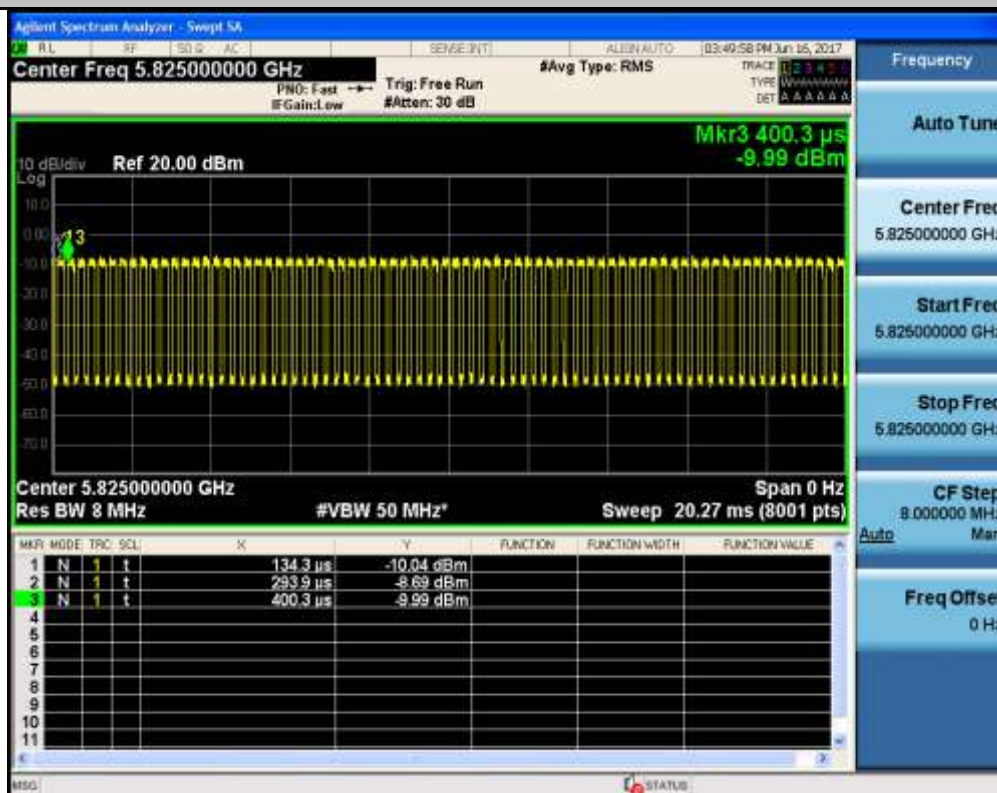
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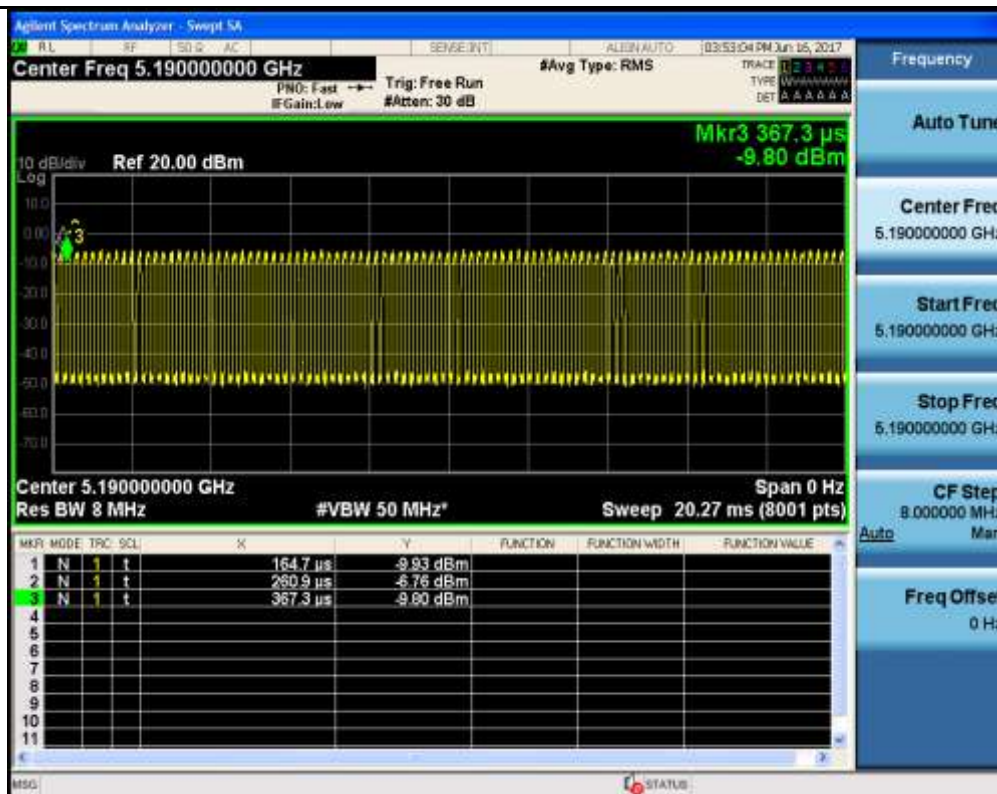
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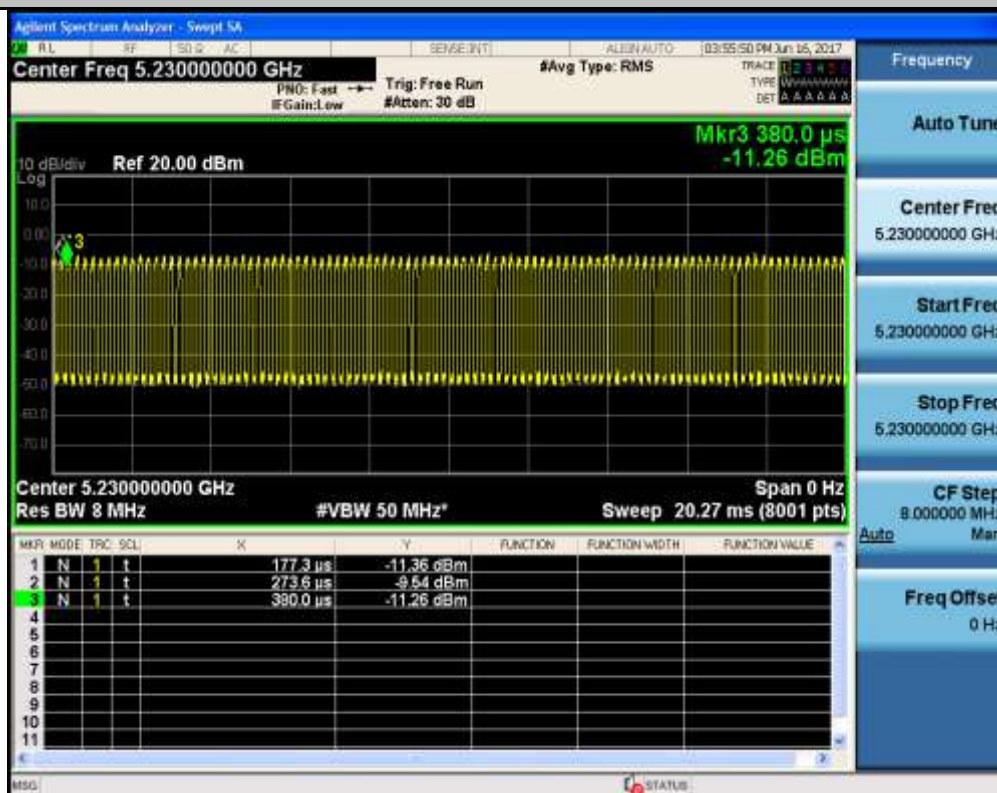
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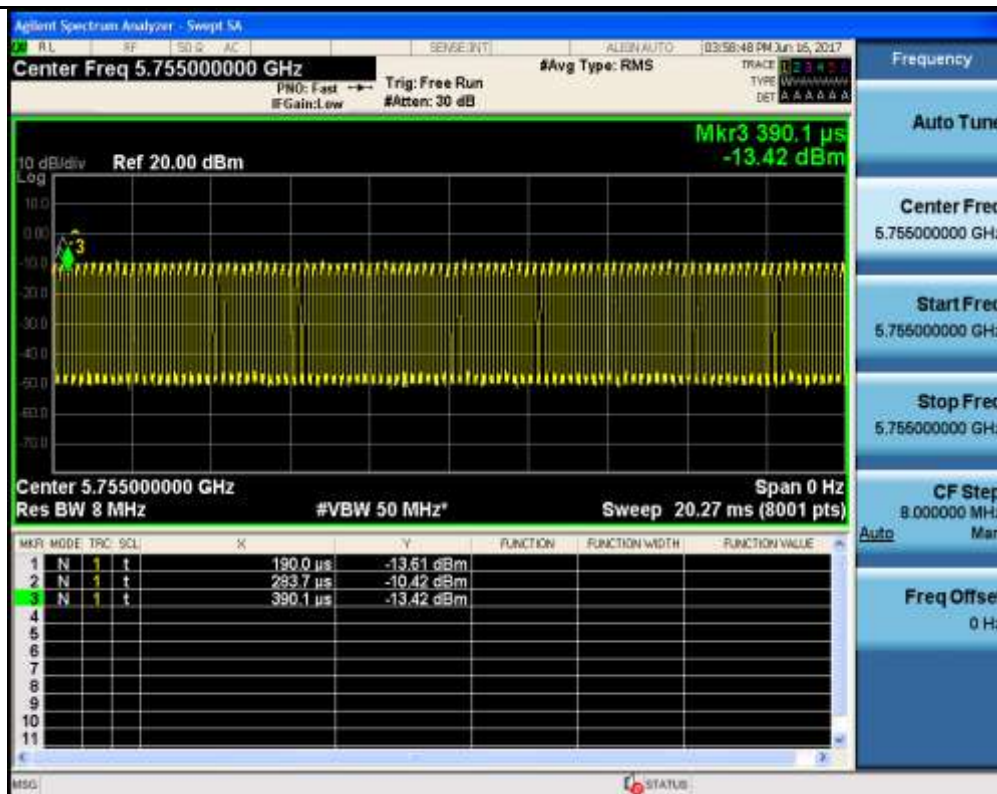
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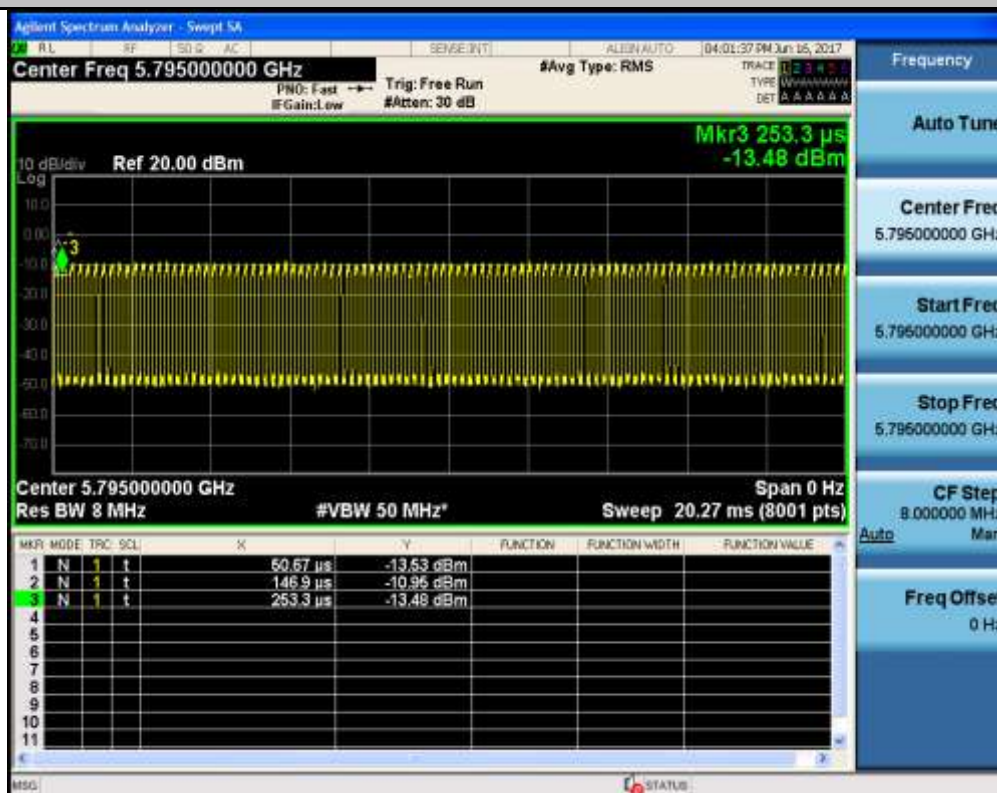
Duty Cycle_11N40_5230_Ant1



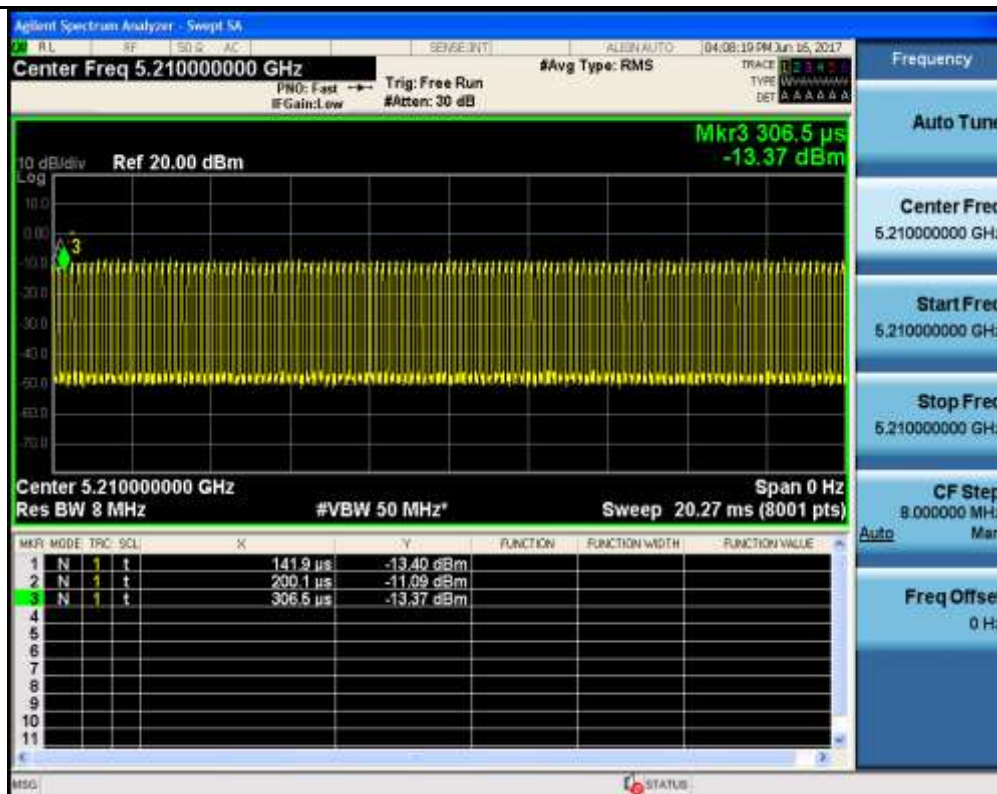
Duty Cycle_11N40_5755_Ant1



Duty Cycle_11N40_5795_Ant1



Duty Cycle_11AC80_5210_Ant1



Duty Cycle_11AC80_5775_Ant1

