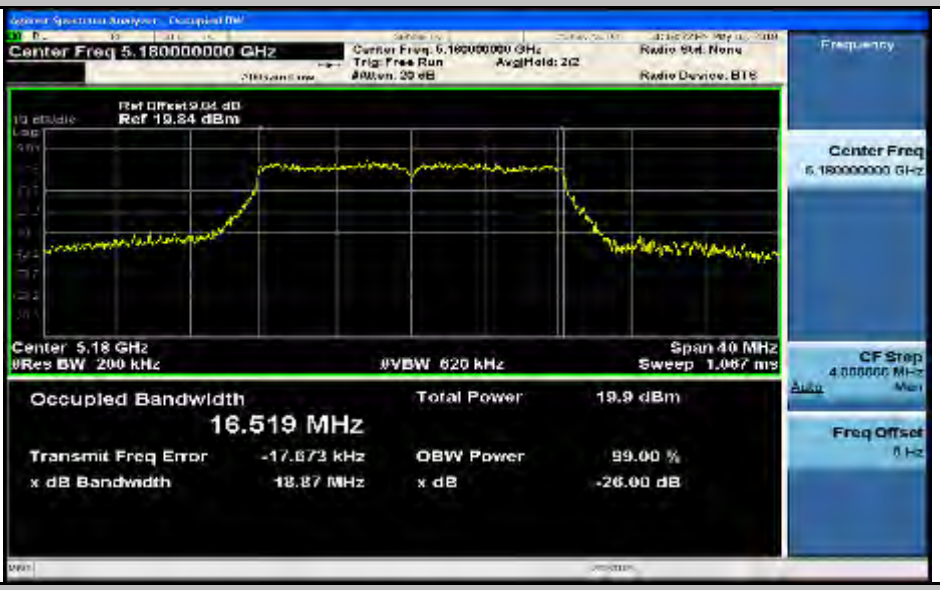
Appendix B for SHEM180400246702

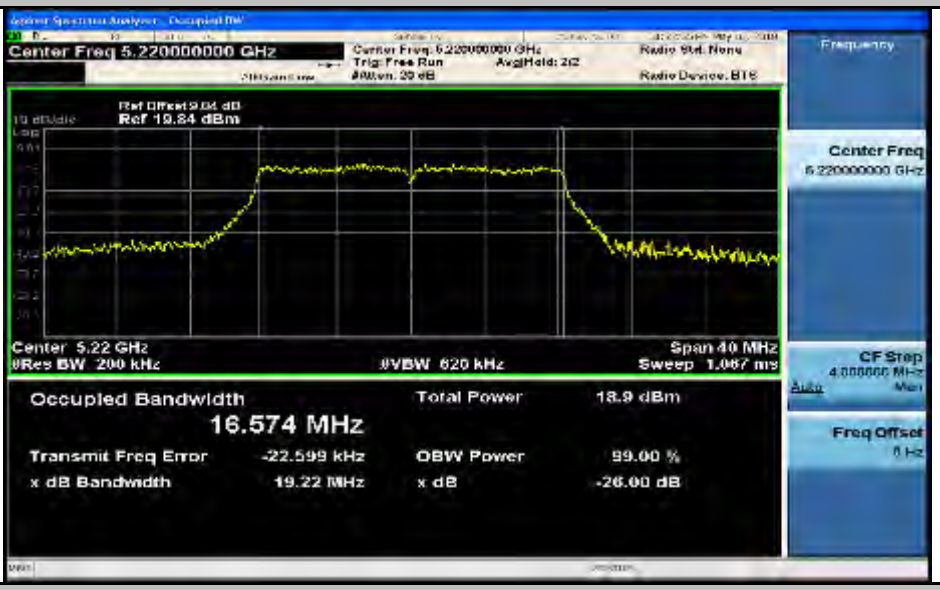
1.26dB Emission Bandwidth Measurement

Test Mode	Test Channel	EBW[MHz]		Limit[MHz]	Verdict
		ANT0	ANT1		
11A	5180	18.87	19.16	---	PASS
11A	5220	19.22	19.02	---	PASS
11A	5240	19.19	18.97	---	PASS
11A	5745	19.10	19.43	---	PASS
11A	5785	19.08	19.14	---	PASS
11A	5825	19.46	19.39	---	PASS
11N20	5180	19.89	19.14	---	PASS
11N20	5220	19.67	19.96	---	PASS
11N20	5240	19.86	19.74	---	PASS
11N20	5745	20.05	19.75	---	PASS
11N20	5785	19.84	19.91	---	PASS
11N20	5825	19.99	19.80	---	PASS
11N40	5190	39.85	39.73	---	PASS
11N40	5230	40.46	39.86	---	PASS
11N40	5755	40.53	39.59	---	PASS
11N40	5795	39.67	39.52	---	PASS
11AC20	5180	19.91	19.89	---	PASS
11AC20	5220	20.00	19.68	---	PASS
11AC20	5240	19.84	19.79	---	PASS
11AC20	5745	20.12	19.59	---	PASS
11AC20	5785	19.78	19.67	---	PASS
11AC20	5825	19.66	19.91	---	PASS
11AC40	5190	39.81	39.80	---	PASS
11AC40	5230	39.83	39.52	---	PASS
11AC40	5755	39.78	39.70	---	PASS
11AC40	5795	39.88	40.42	---	PASS

Emission Bandwidth Measurement_11A_5180_Ant0

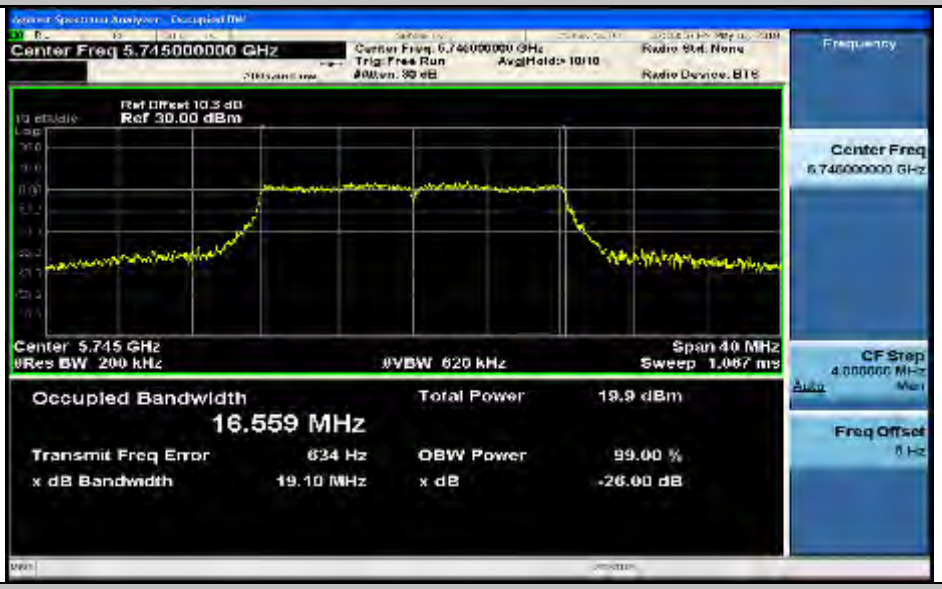


Emission Bandwidth Measurement_11A_5220_Ant0

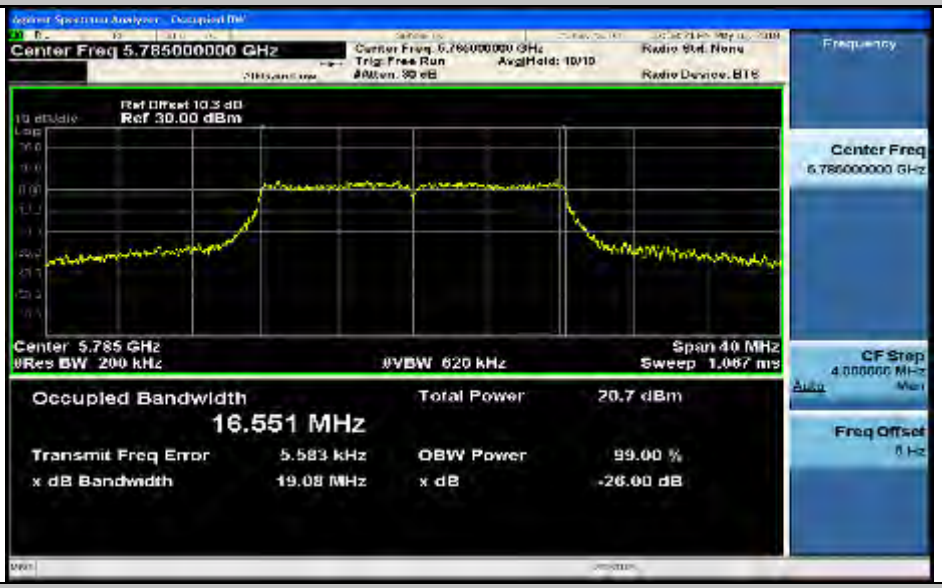


Emission Bandwidth Measurement_11A_5240_Ant0

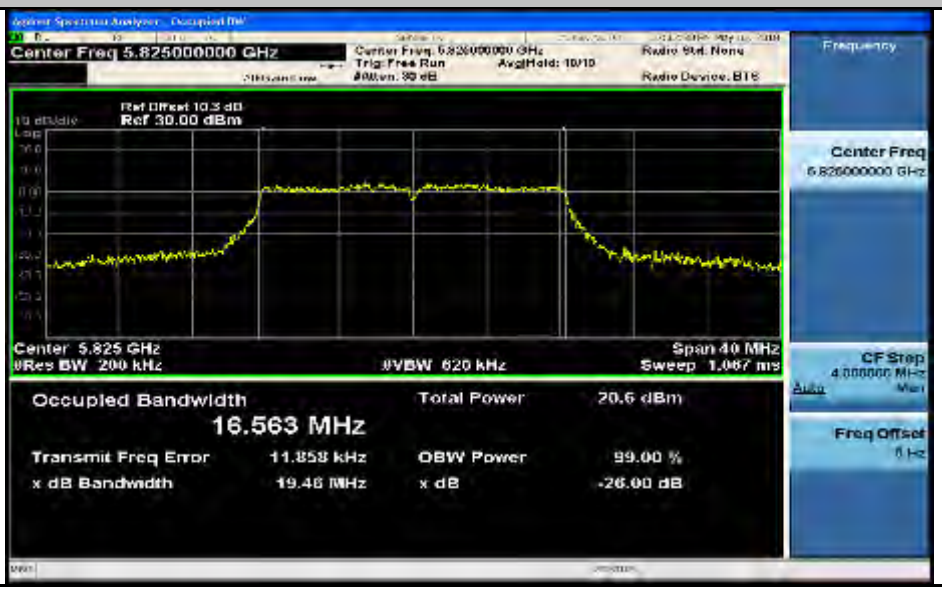
Emission Bandwidth Measurement_11A_5745_Ant0



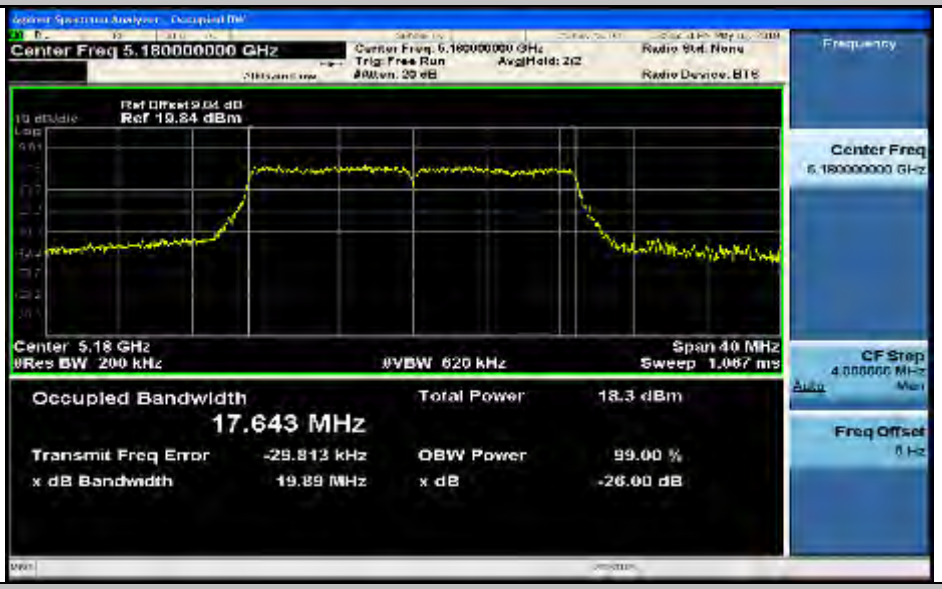
Emission Bandwidth Measurement_11A_5785_Ant0



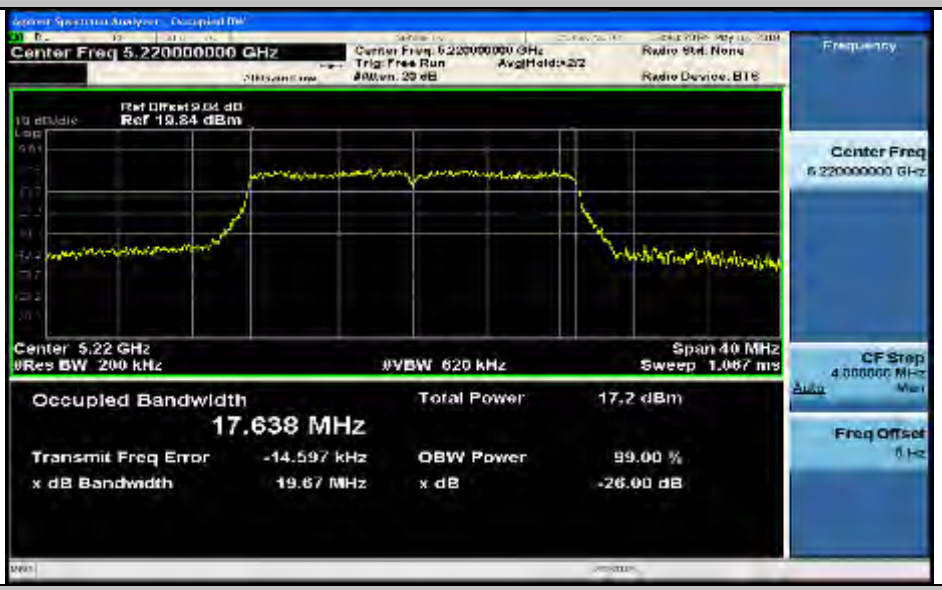
Emission Bandwidth Measurement_11A_5825_Ant0



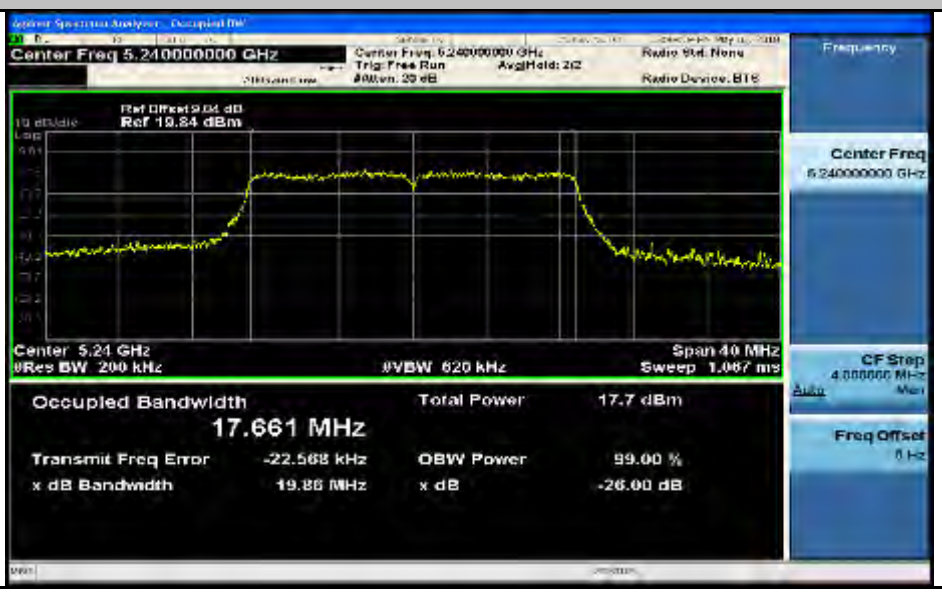
Emission Bandwidth Measurement_11N20_5180_Ant0



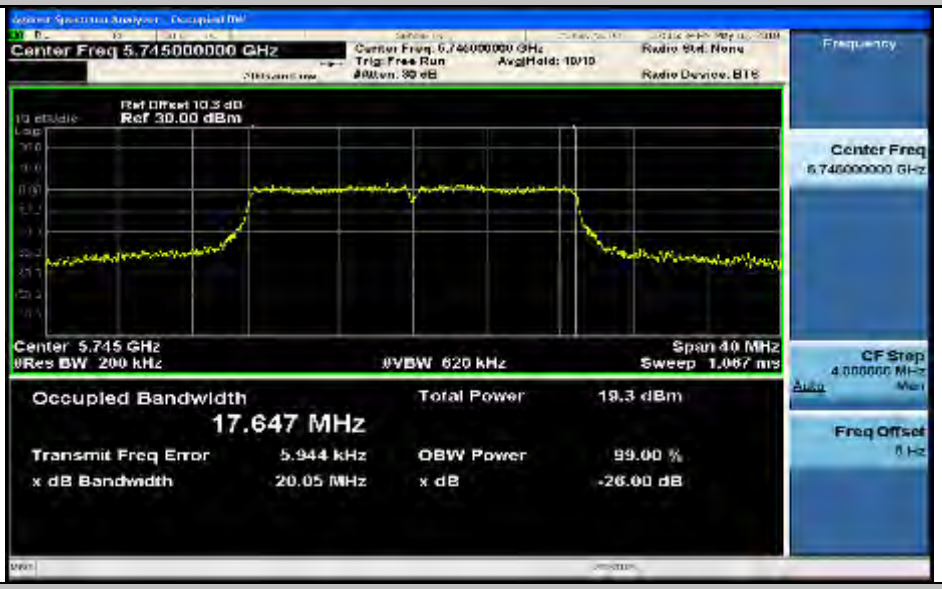
Emission Bandwidth Measurement_11N20_5220_Ant0



Emission Bandwidth Measurement_11N20_5240_Ant0

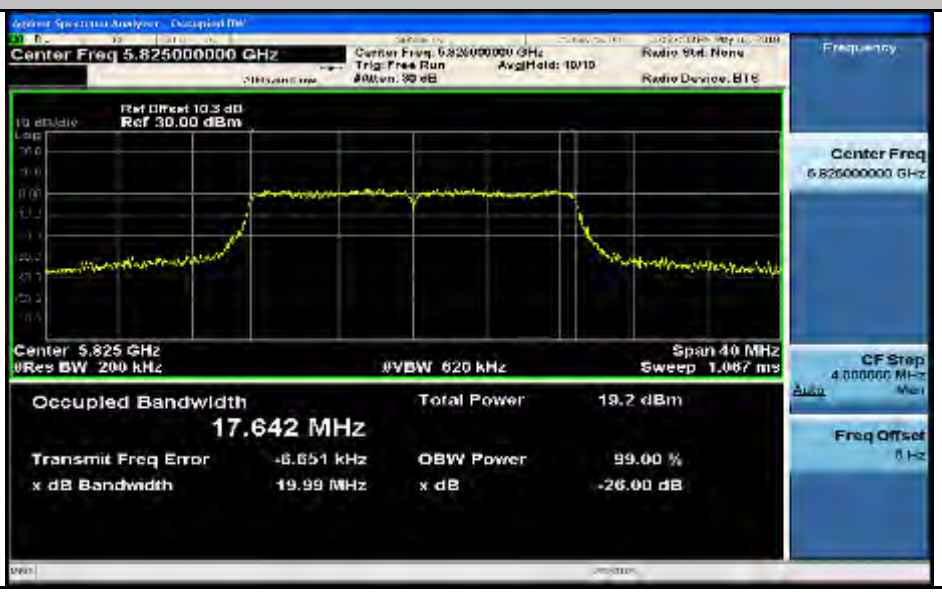


Emission Bandwidth Measurement_11N20_5745_Ant0

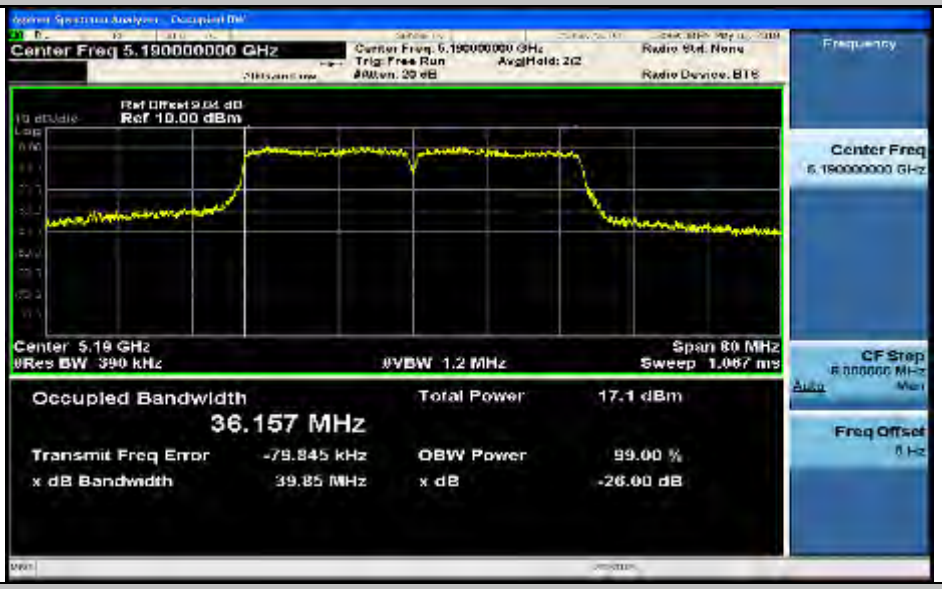


Emission Bandwidth Measurement_11N20_5785_Ant0

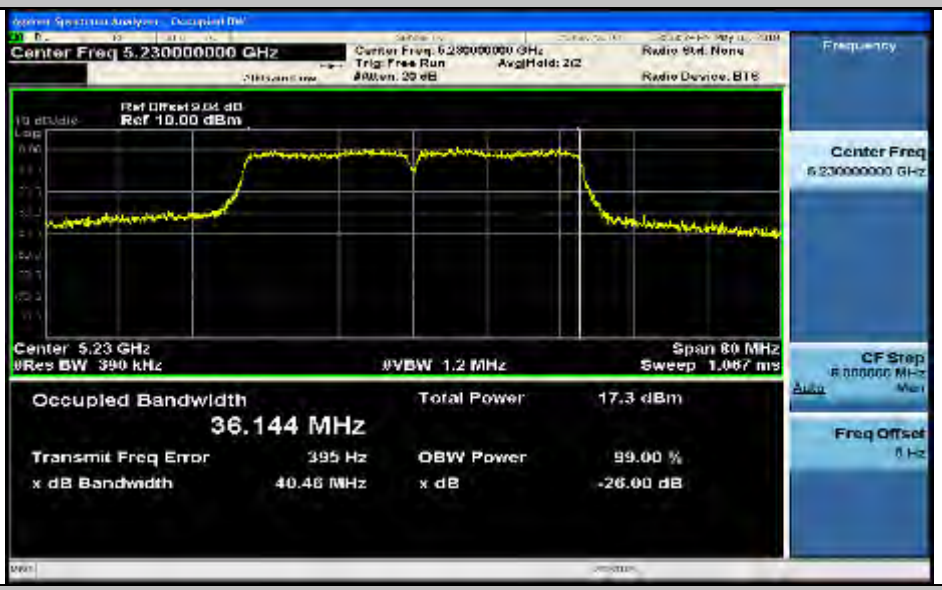
Emission Bandwidth Measurement_11N20_5825_Ant0



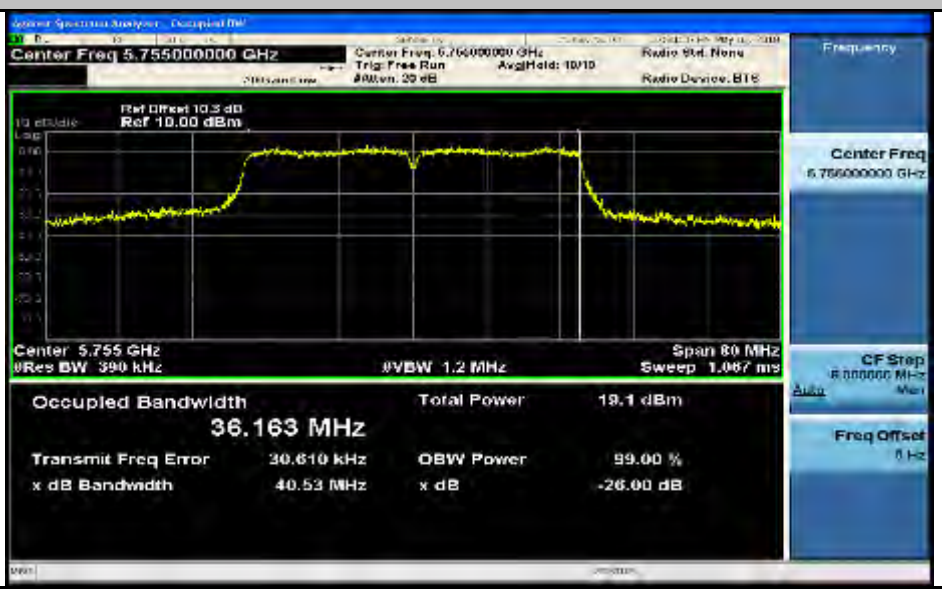
Emission Bandwidth Measurement_11N40_5190_Ant0



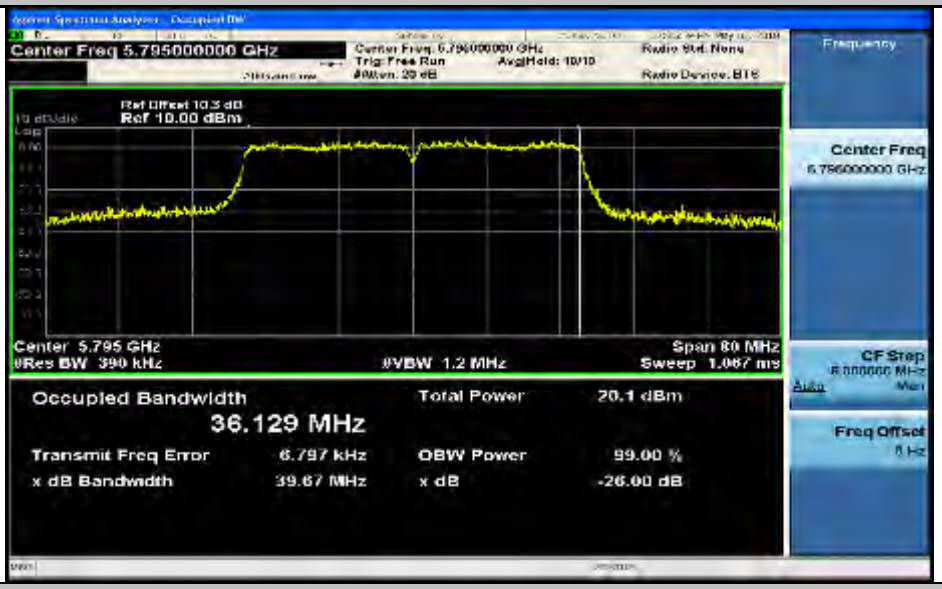
Emission Bandwidth Measurement_11N40_5230_Ant0



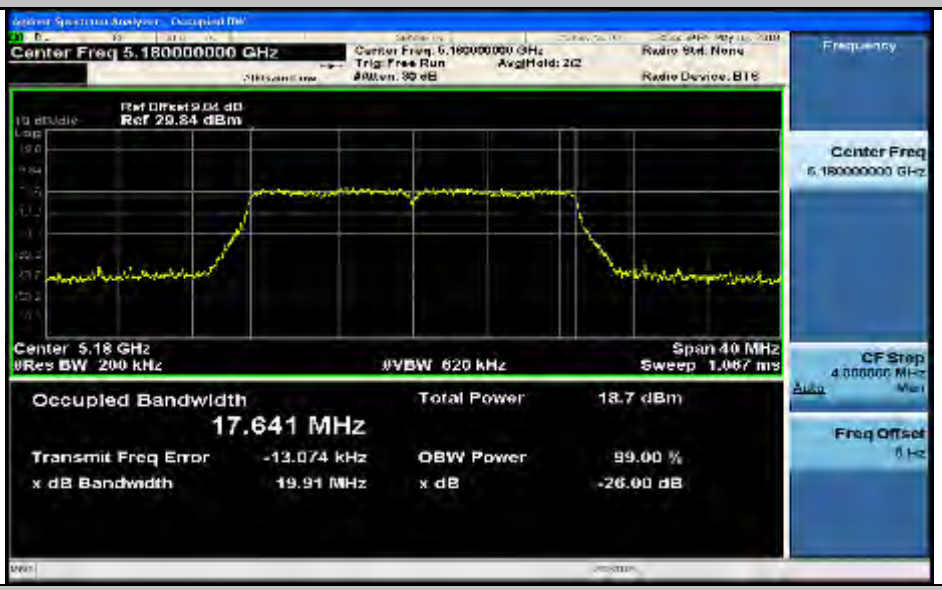
Emission Bandwidth Measurement_11N40_5755_Ant0



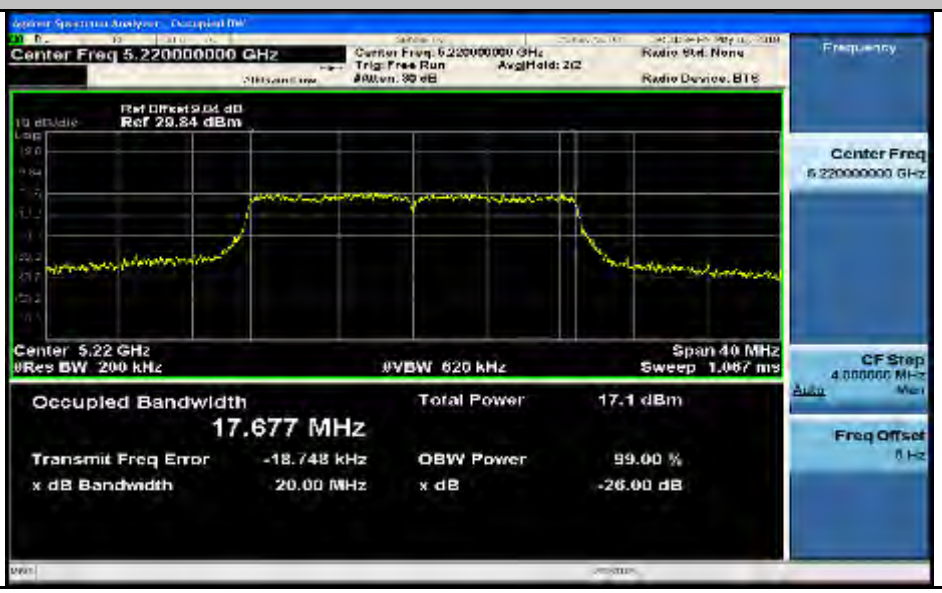
Emission Bandwidth Measurement_11N40_5795_Ant0



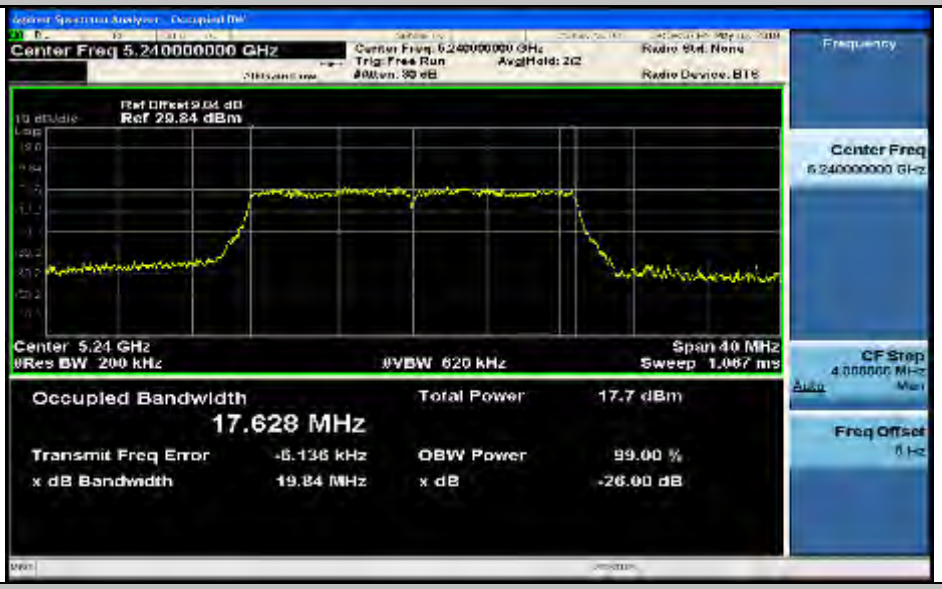
Emission Bandwidth Measurement_11AC20_5180_Ant0



Emission Bandwidth Measurement_11AC20_5220_Ant0



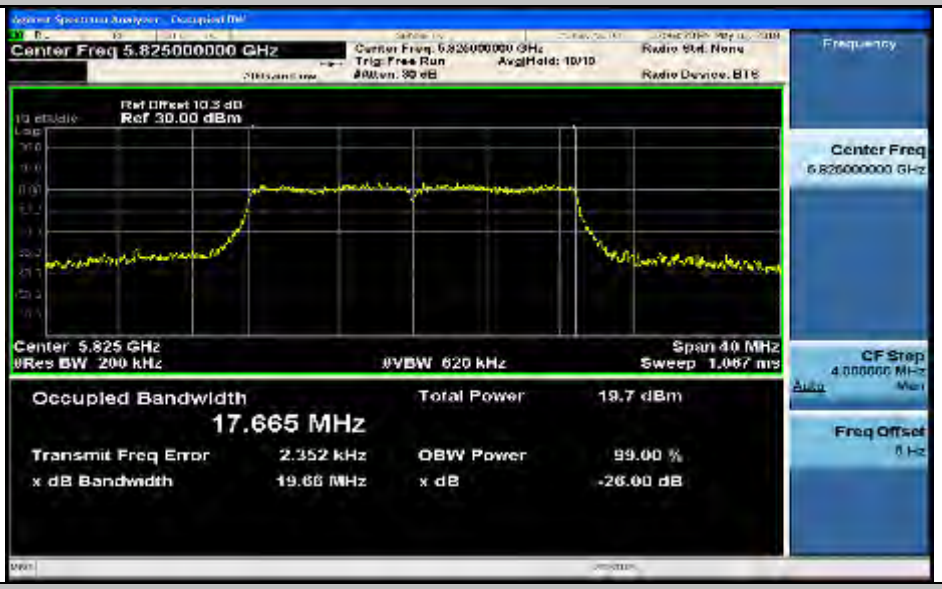
Emission Bandwidth Measurement_11AC20_5240_Ant0



Emission Bandwidth Measurement_11AC20_5745_Ant0

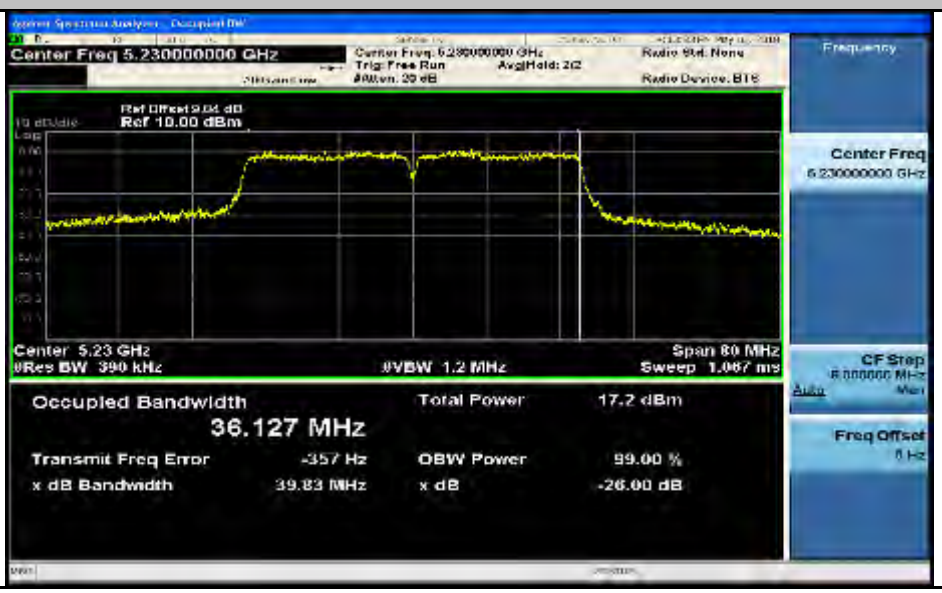
Emission Bandwidth Measurement_11AC20_5785_Ant0

Emission Bandwidth Measurement_11AC20_5825_Ant0

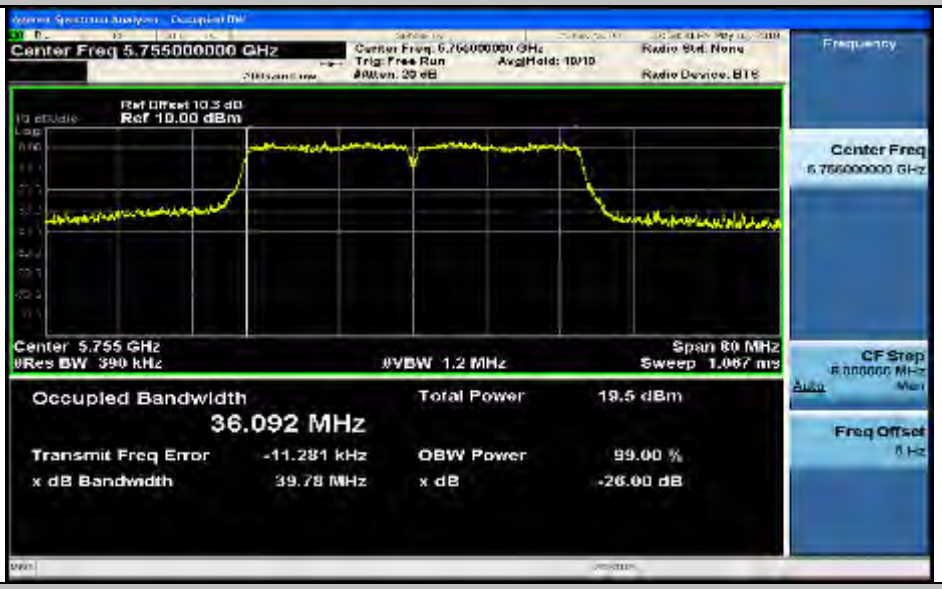


Emission Bandwidth Measurement_11AC40_5190_Ant0

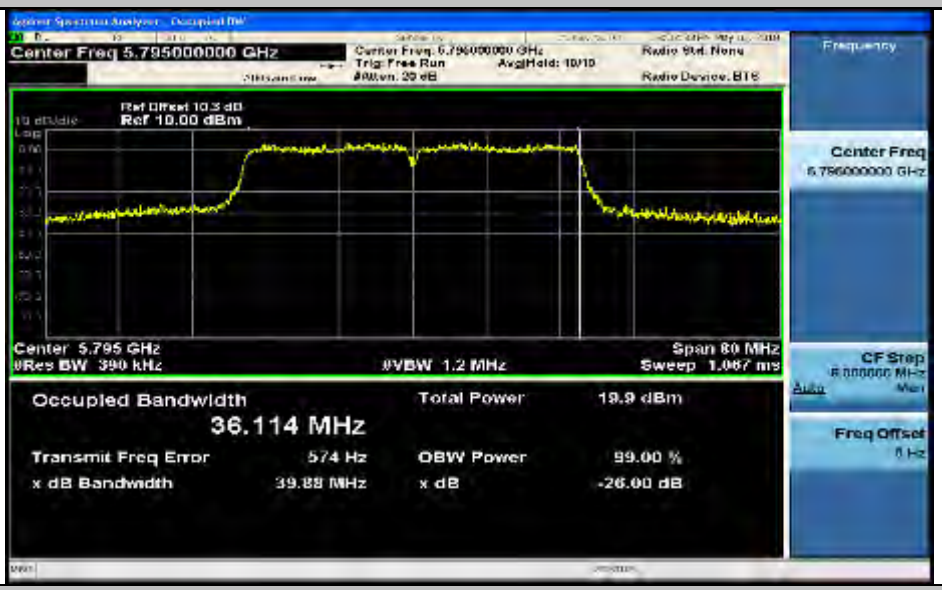
Emission Bandwidth Measurement_11AC40_5230_Ant0



Emission Bandwidth Measurement_11AC40_5755_Ant0

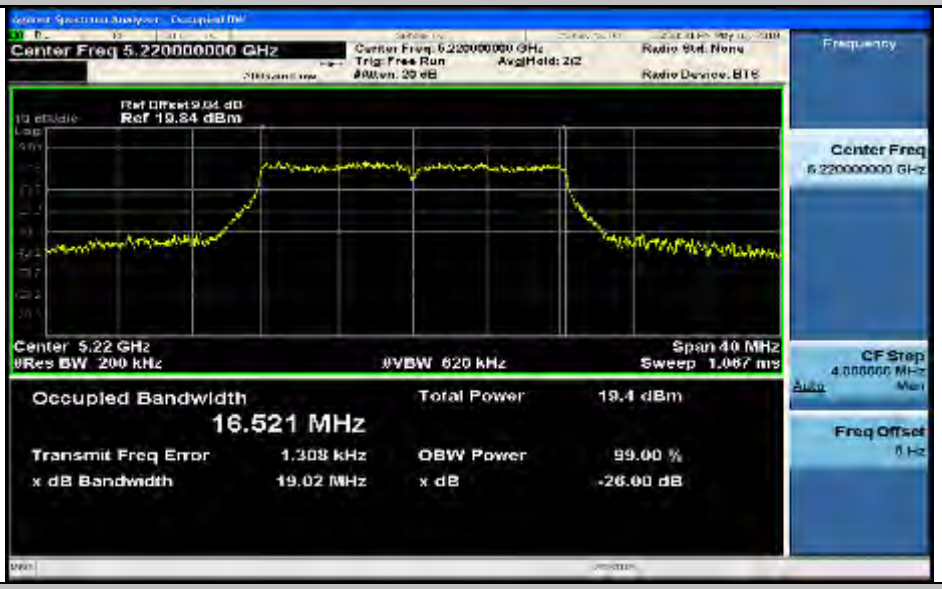


Emission Bandwidth Measurement_11AC40_5795_Ant0

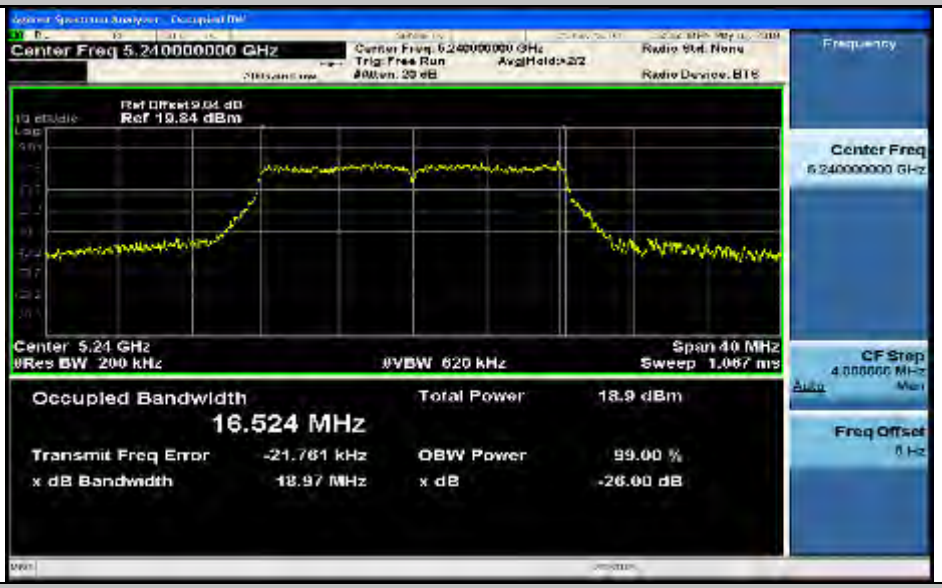


Emission Bandwidth Measurement_11A_5180_Ant1

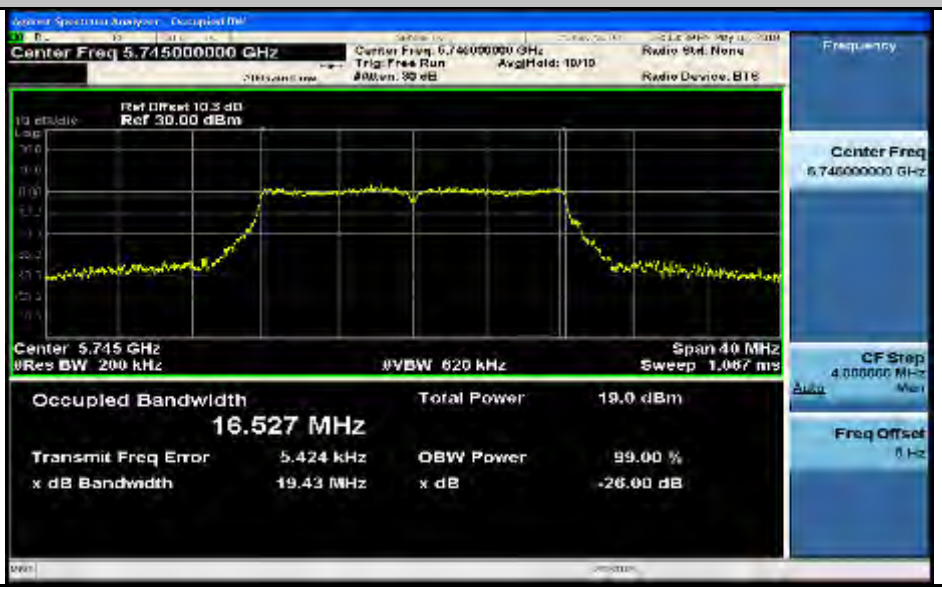
Emission Bandwidth Measurement_11A_5220_Ant1



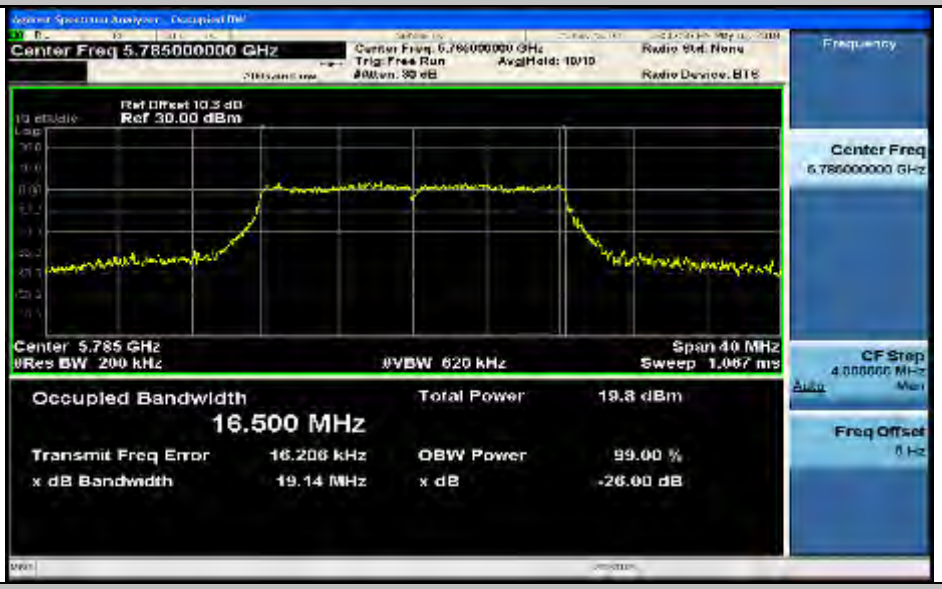
Emission Bandwidth Measurement_11A_5240_Ant1



Emission Bandwidth Measurement_11A_5745_Ant1

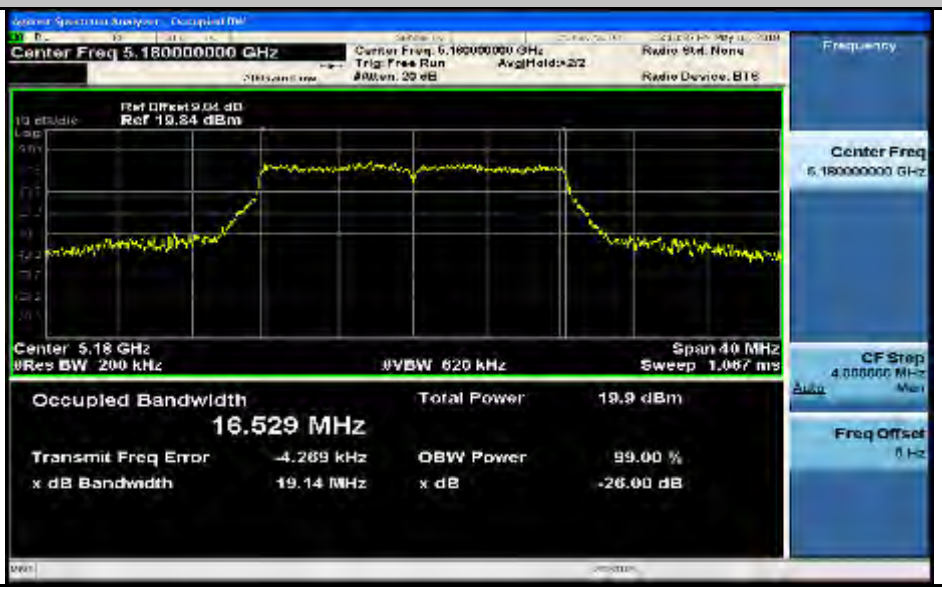


Emission Bandwidth Measurement_11A_5785_Ant1

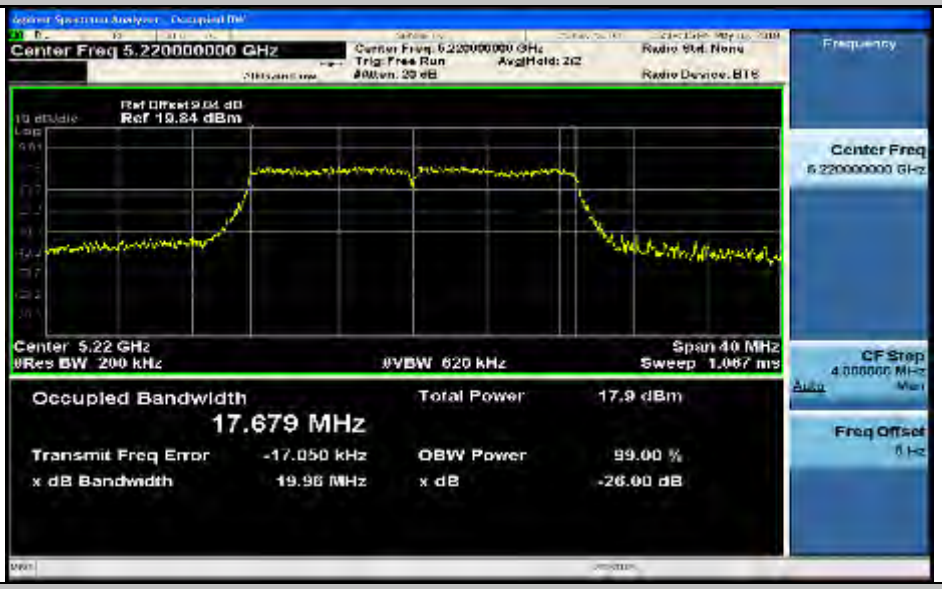


Emission Bandwidth Measurement_11A_5825_Ant1

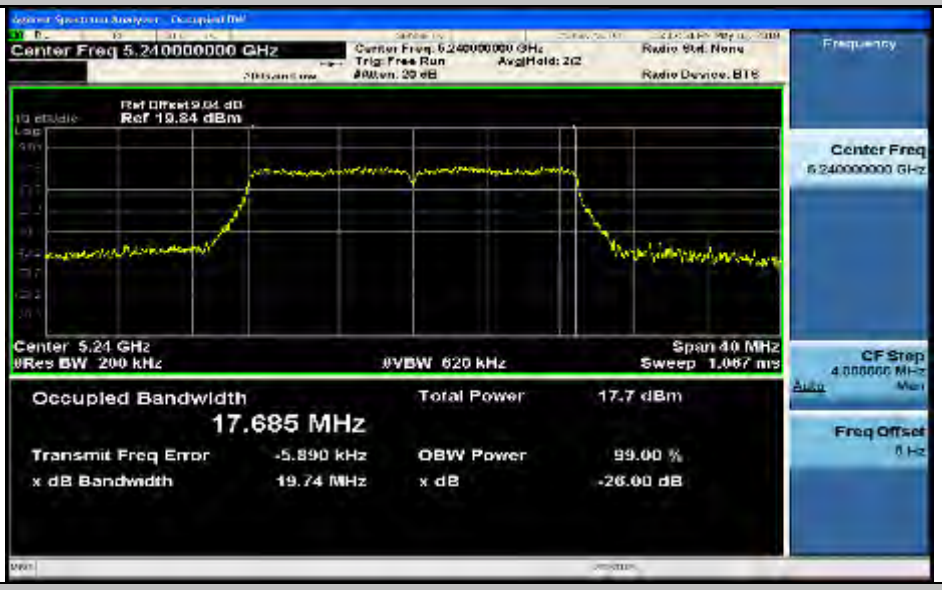
Emission Bandwidth Measurement_11N20_5180_Ant1



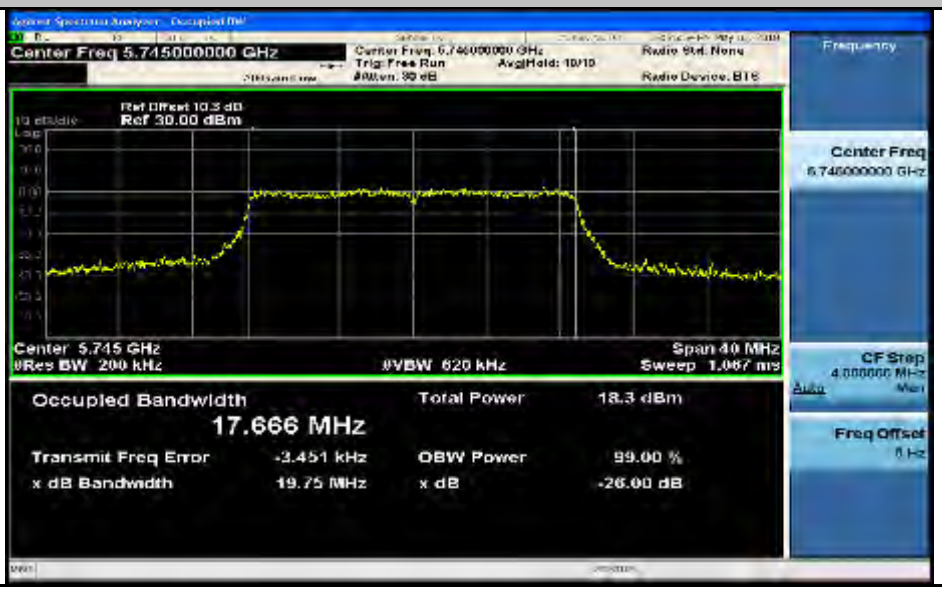
Emission Bandwidth Measurement_11N20_5220_Ant1



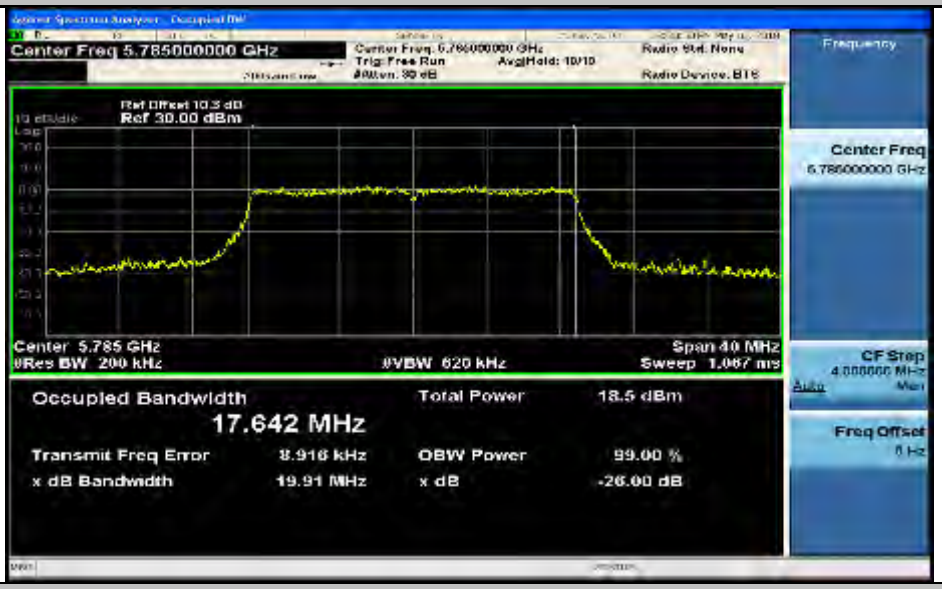
Emission Bandwidth Measurement_11N20_5240_Ant1



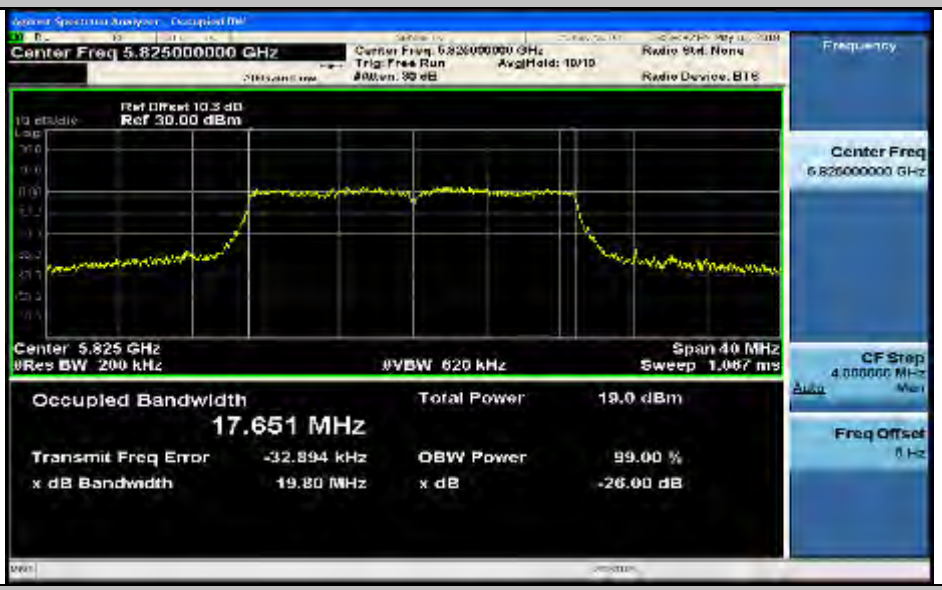
Emission Bandwidth Measurement_11N20_5745_Ant1



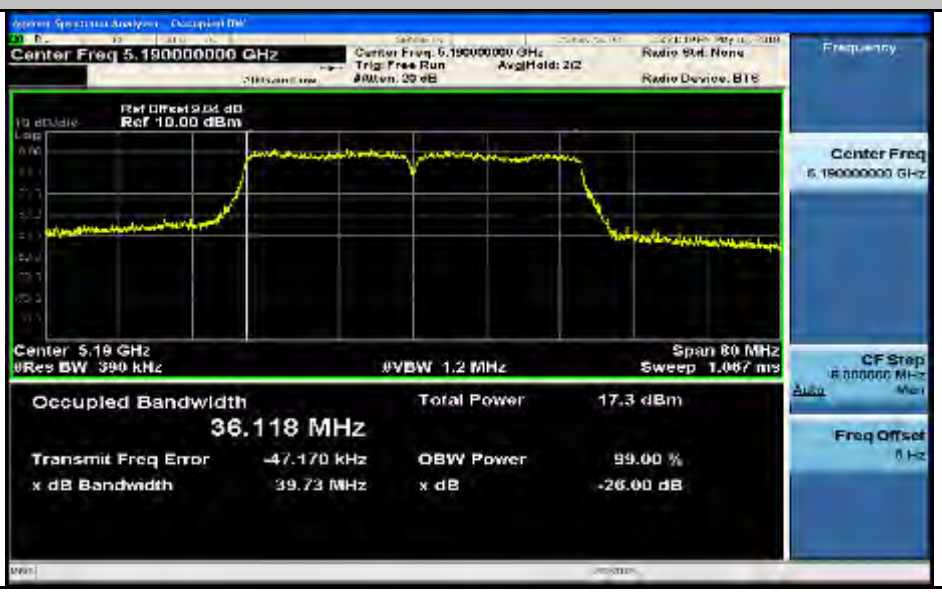
Emission Bandwidth Measurement_11N20_5785_Ant1



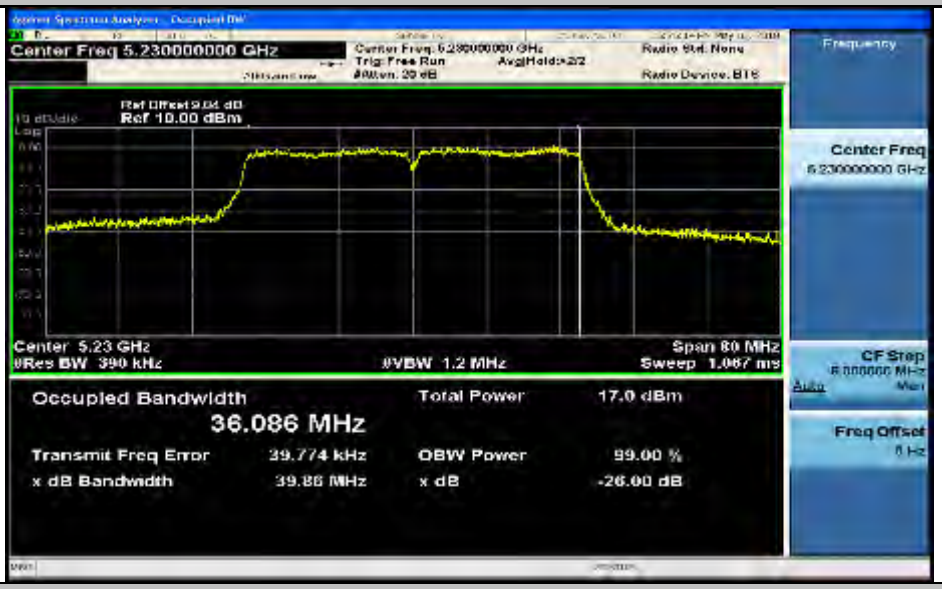
Emission Bandwidth Measurement_11N20_5825_Ant1



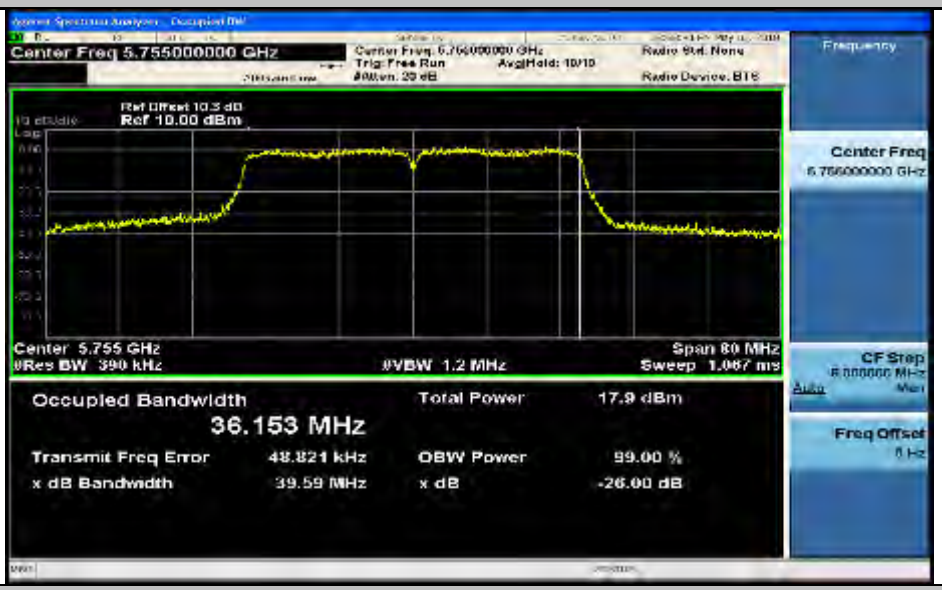
Emission Bandwidth Measurement_11N40_5190_Ant1



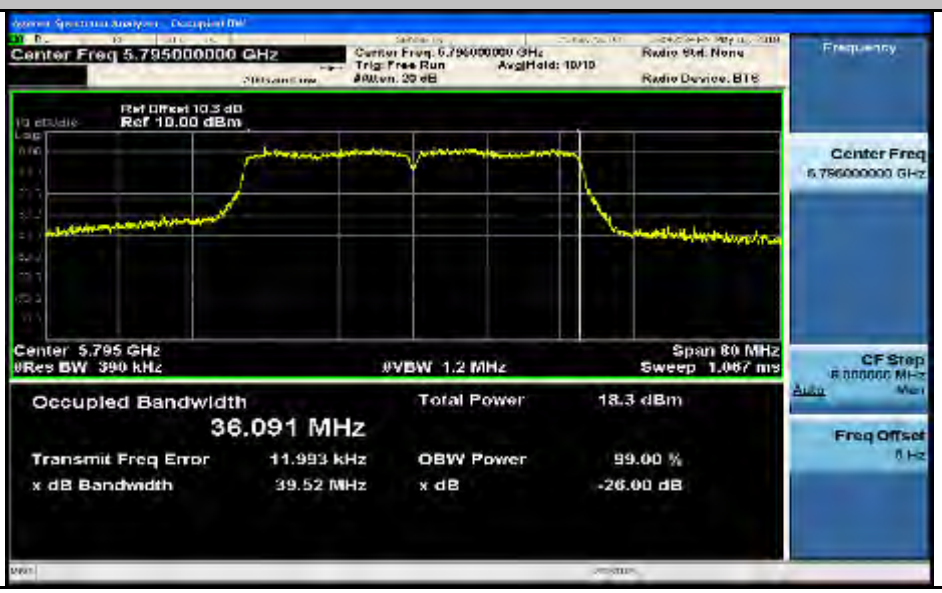
Emission Bandwidth Measurement_11N40_5230_Ant1

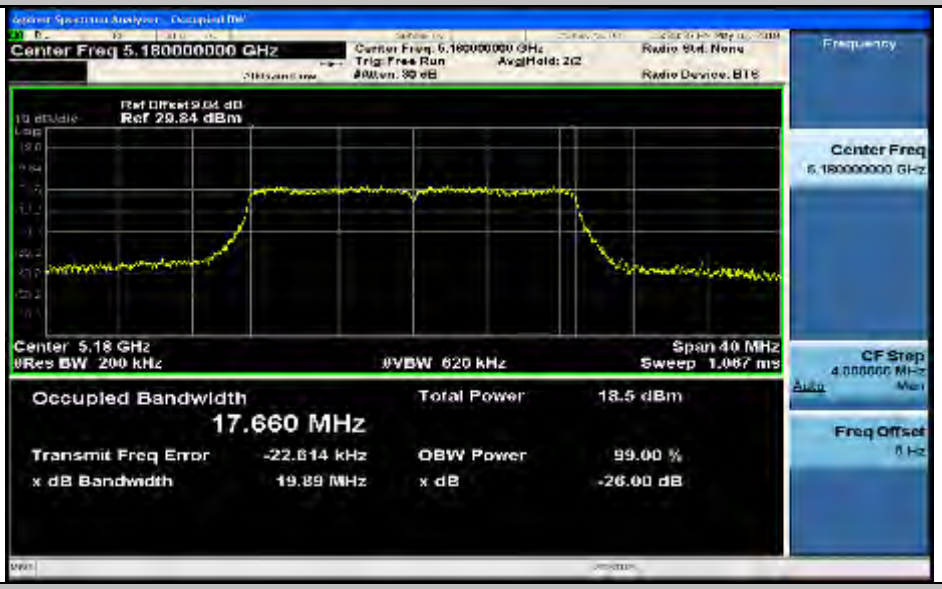


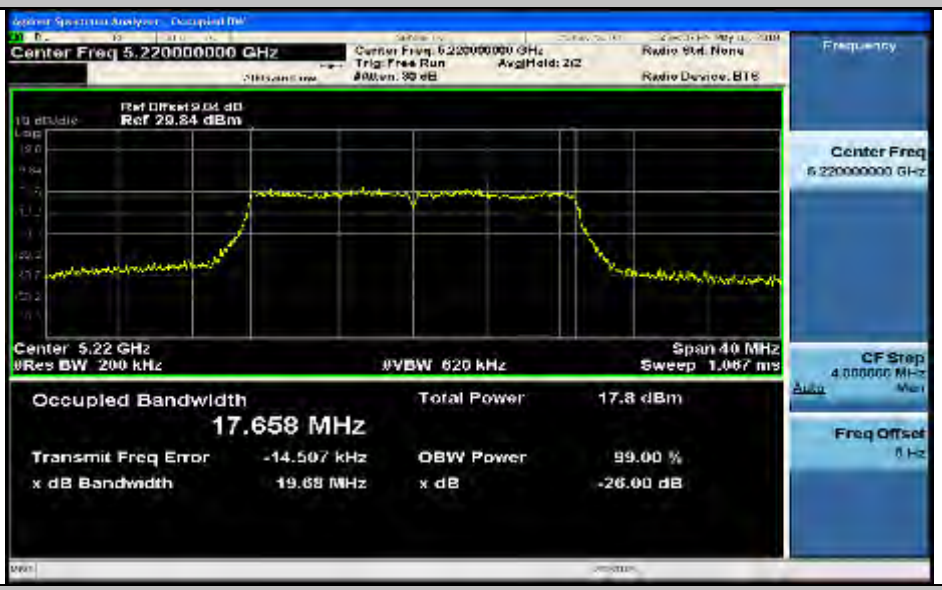
Emission Bandwidth Measurement_11N40_5755_Ant1

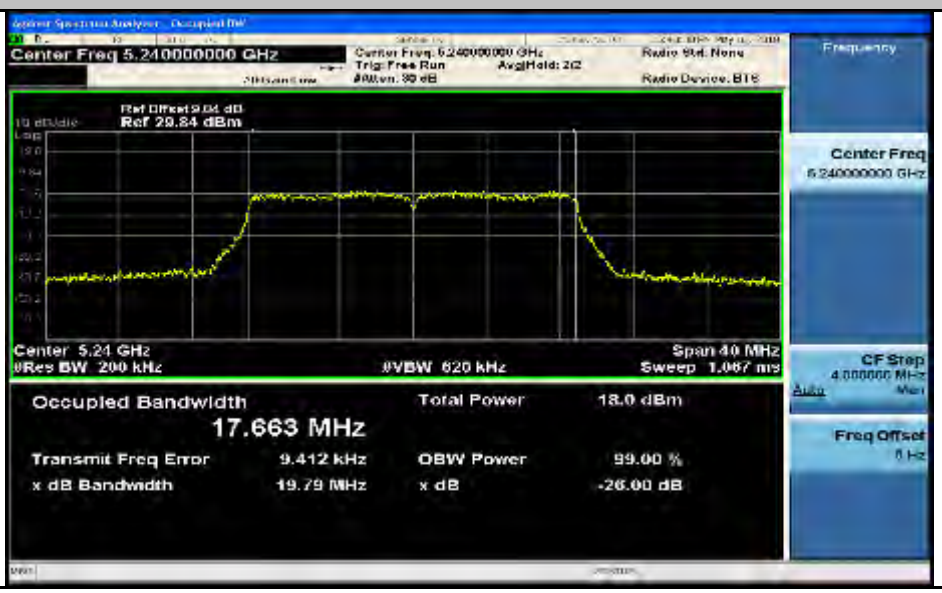


Emission Bandwidth Measurement_11N40_5795_Ant1

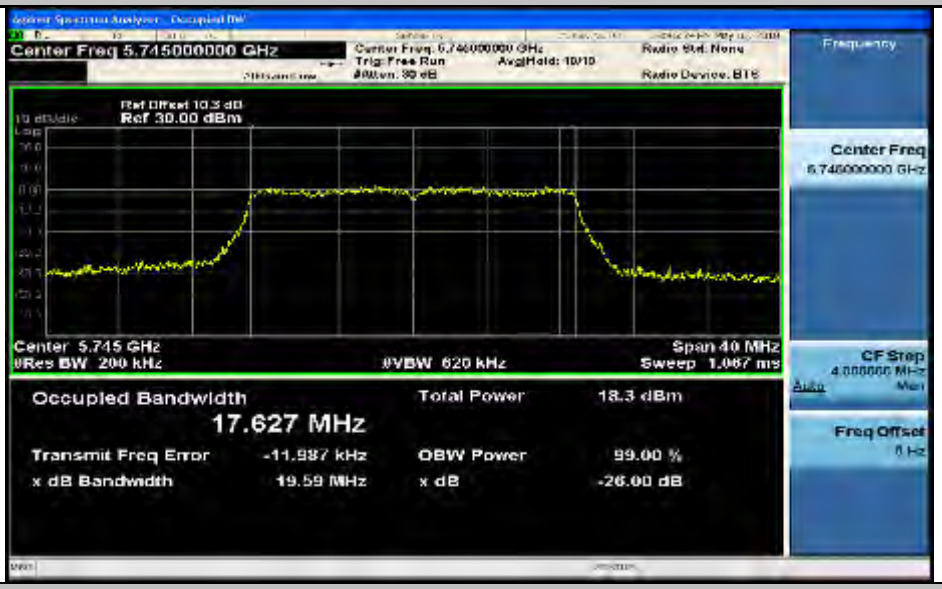


Emission Bandwidth Measurement_11AC20_5180_Ant1


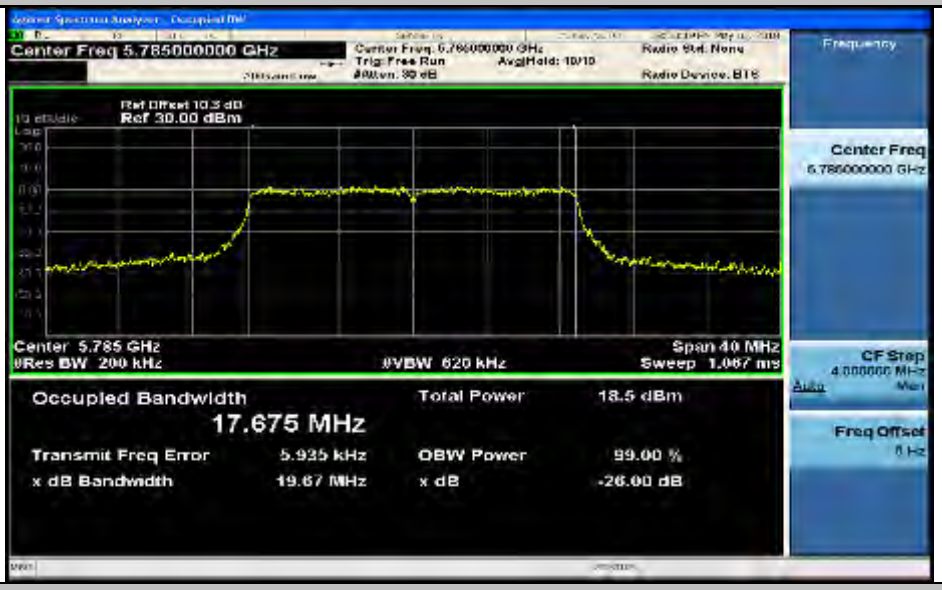
Emission Bandwidth Measurement_11AC20_5220_Ant1


Emission Bandwidth Measurement_11AC20_5240_Ant1


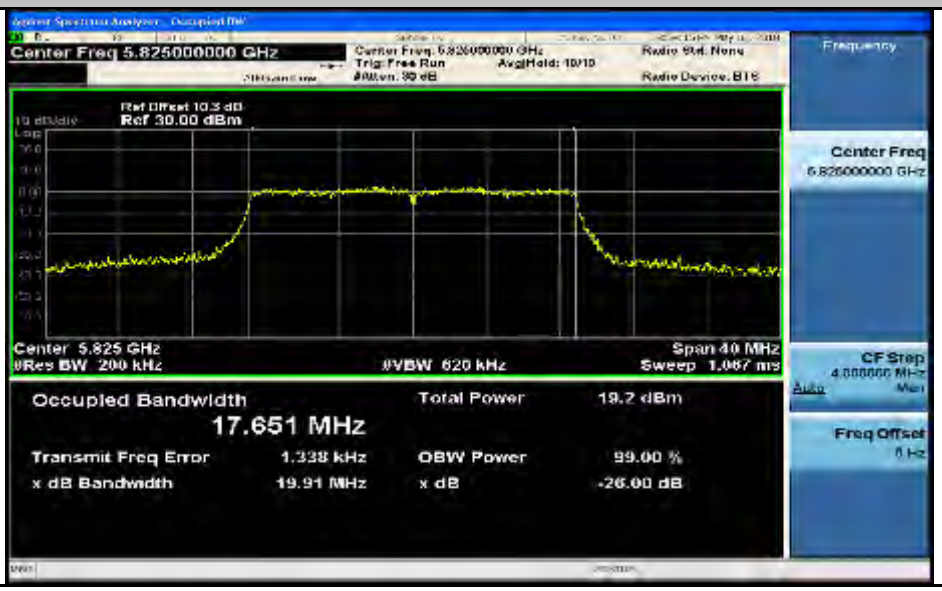
Emission Bandwidth Measurement_11AC20_5745_Ant1



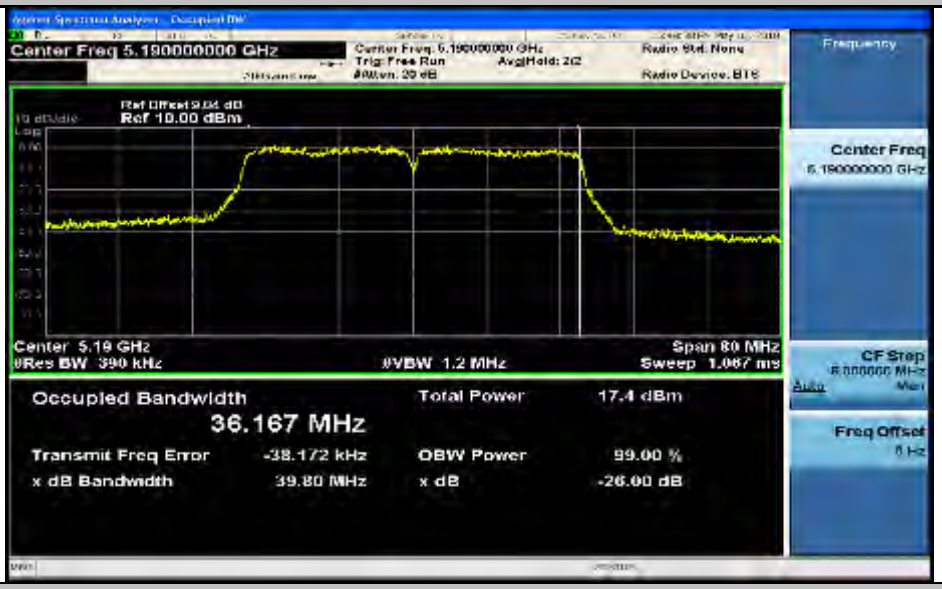
Emission Bandwidth Measurement_11AC20_5785_Ant1



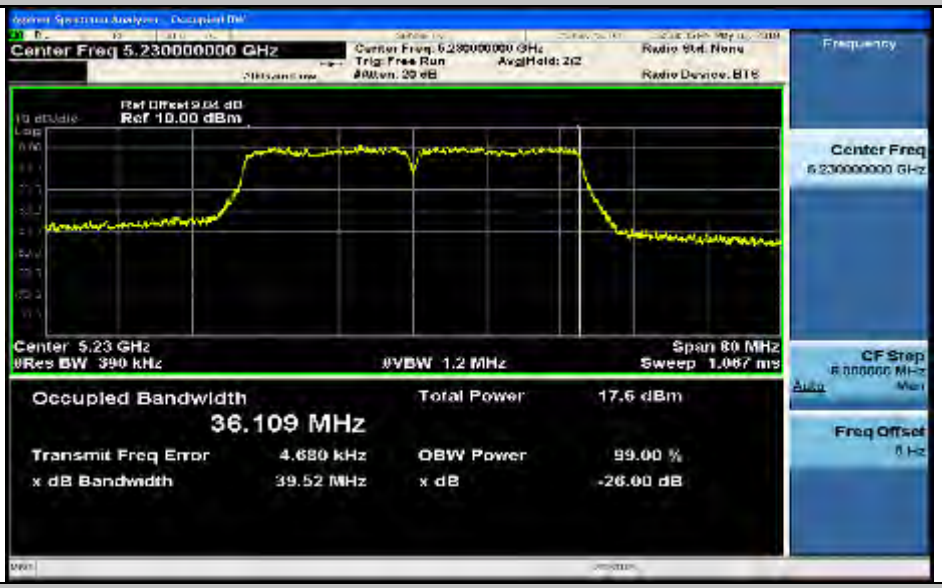
Emission Bandwidth Measurement_11AC20_5825_Ant1



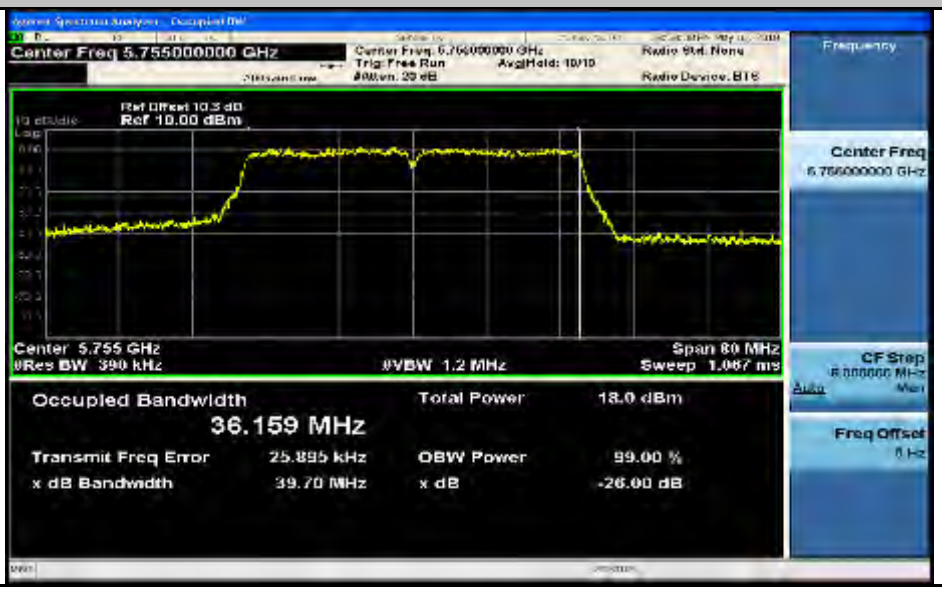
Emission Bandwidth Measurement_11AC40_5190_Ant1

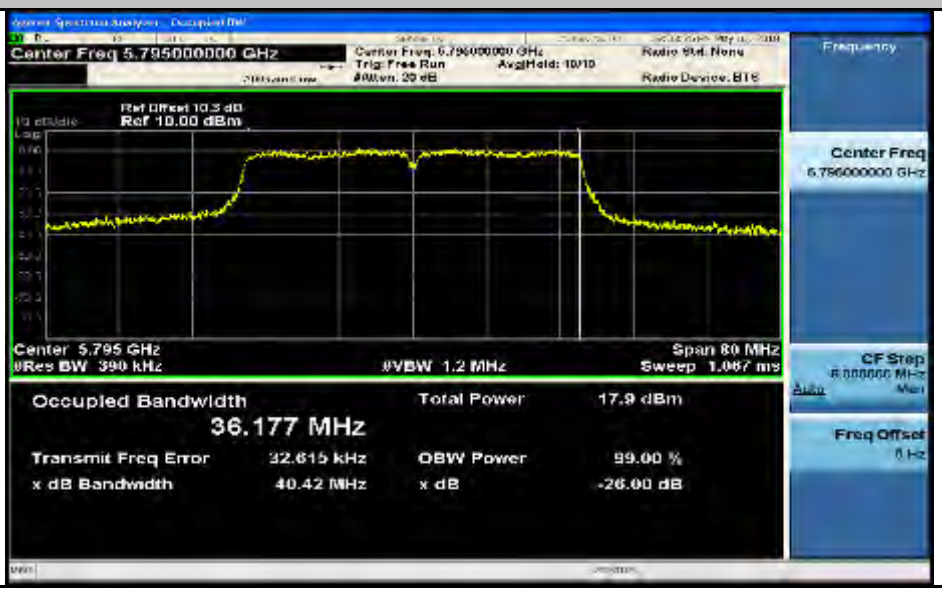


Emission Bandwidth Measurement_11AC40_5230_Ant1



Emission Bandwidth Measurement_11AC40_5755_Ant1

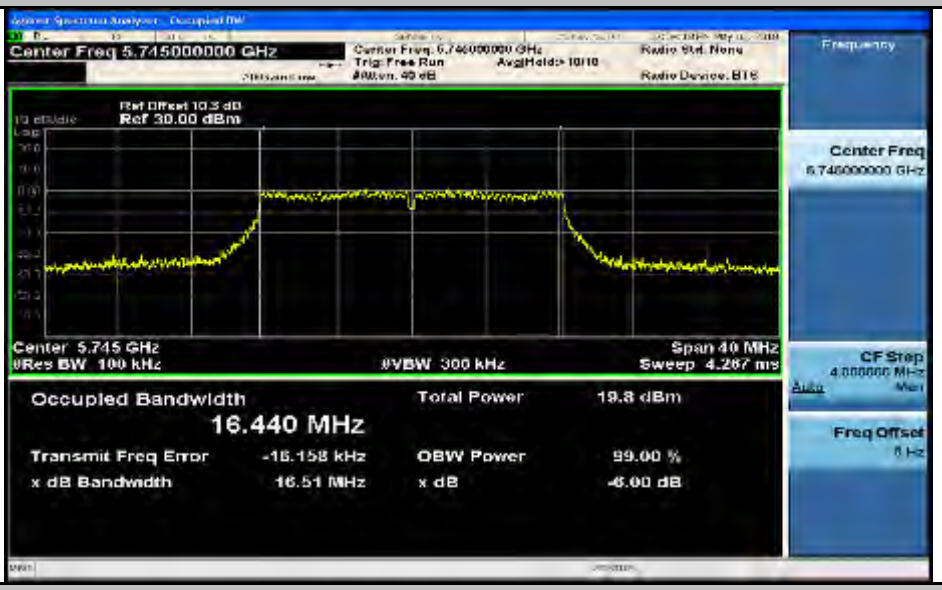


Emission Bandwidth Measurement_11AC40_5795_Ant1


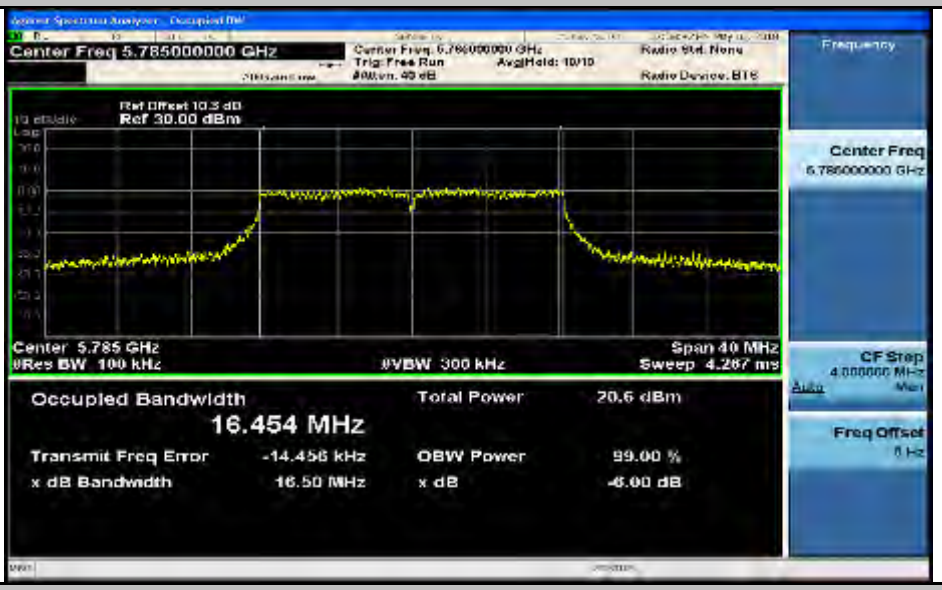
2.6dB Minimum Emission Bandwidth Measurement

Test Mode	Test Channel	EBW[MHz]		Limit[KHz]	Verdict
		ANT0	ANT1		
11A	5745	16.51	16.51	≥ 500	PASS
11A	5785	16.50	16.50	≥ 500	PASS
11A	5825	16.55	16.51	≥ 500	PASS
11N20	5745	17.70	17.72	≥ 500	PASS
11N20	5785	17.71	17.72	≥ 500	PASS
11N20	5825	17.70	17.71	≥ 500	PASS
11N40	5755	36.38	36.41	≥ 500	PASS
11N40	5795	36.47	36.42	≥ 500	PASS
11AC20	5745	17.70	17.71	≥ 500	PASS
11AC20	5785	17.75	17.71	≥ 500	PASS
11AC20	5825	17.73	17.69	≥ 500	PASS
11AC40	5755	36.42	36.39	≥ 500	PASS
11AC40	5795	36.40	36.38	≥ 500	PASS

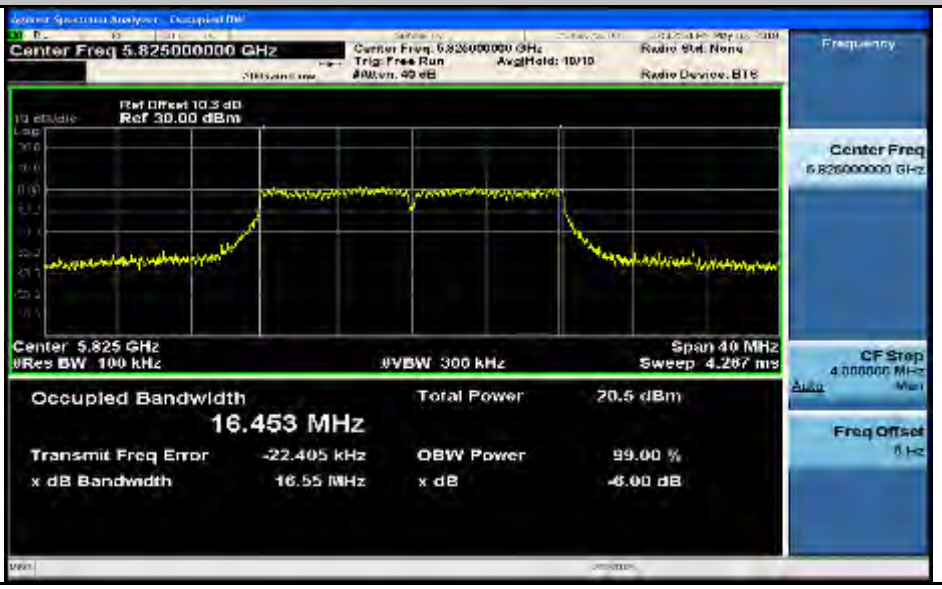
Minimum Emission Bandwidth Measurement_11A_5745_Ant0



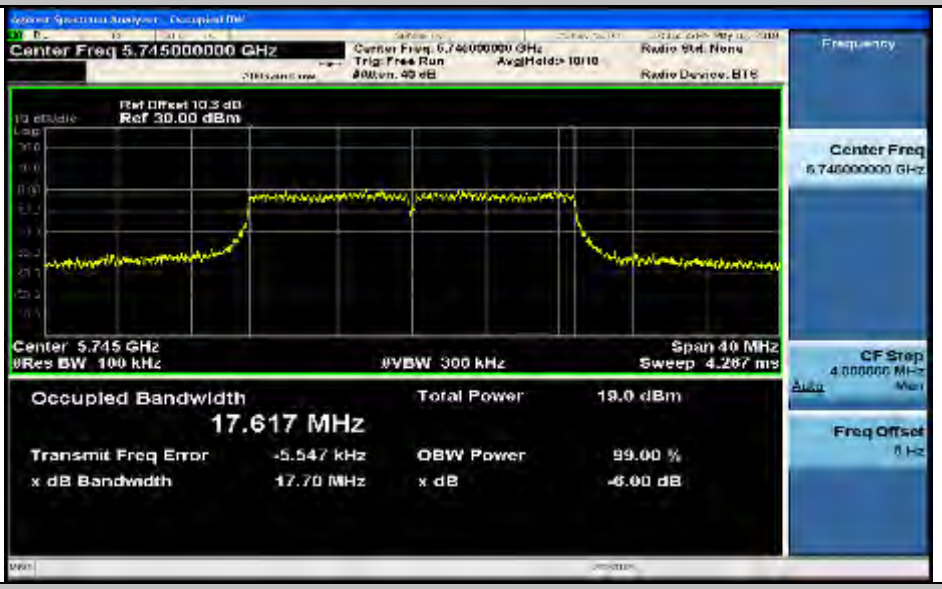
Minimum Emission Bandwidth Measurement_11A_5785_Ant0



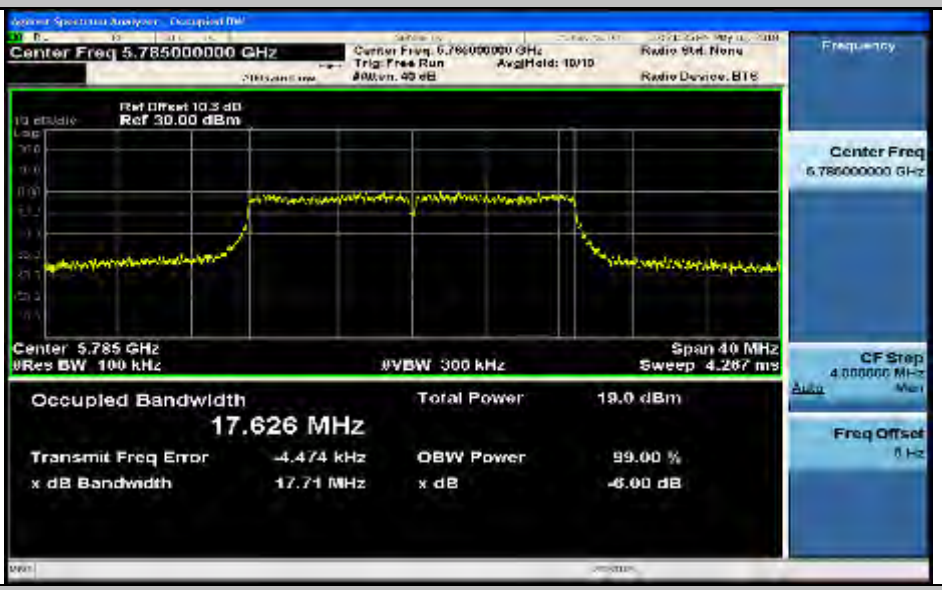
Minimum Emission Bandwidth Measurement_11A_5825_Ant0



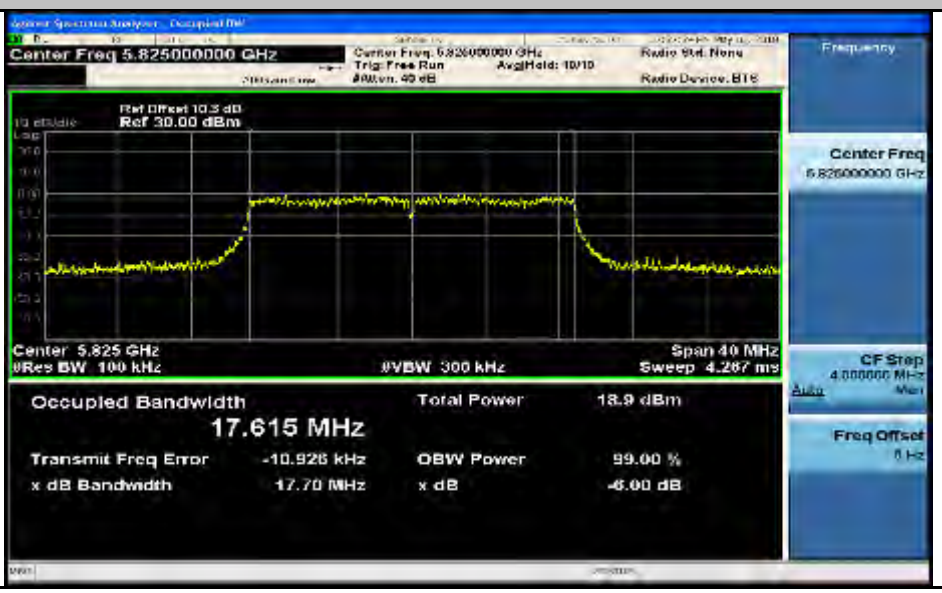
Minimum Emission Bandwidth Measurement_11N20_5745_Ant0

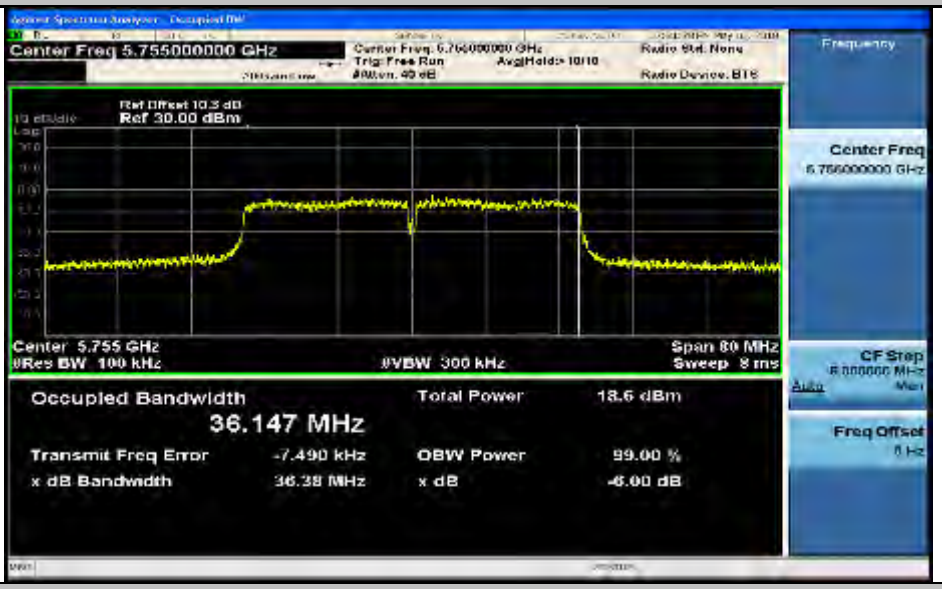


Minimum Emission Bandwidth Measurement_11N20_5785_Ant0



Minimum Emission Bandwidth Measurement_11N20_5825_Ant0



Minimum Emission Bandwidth Measurement_11N40_5755_Ant0

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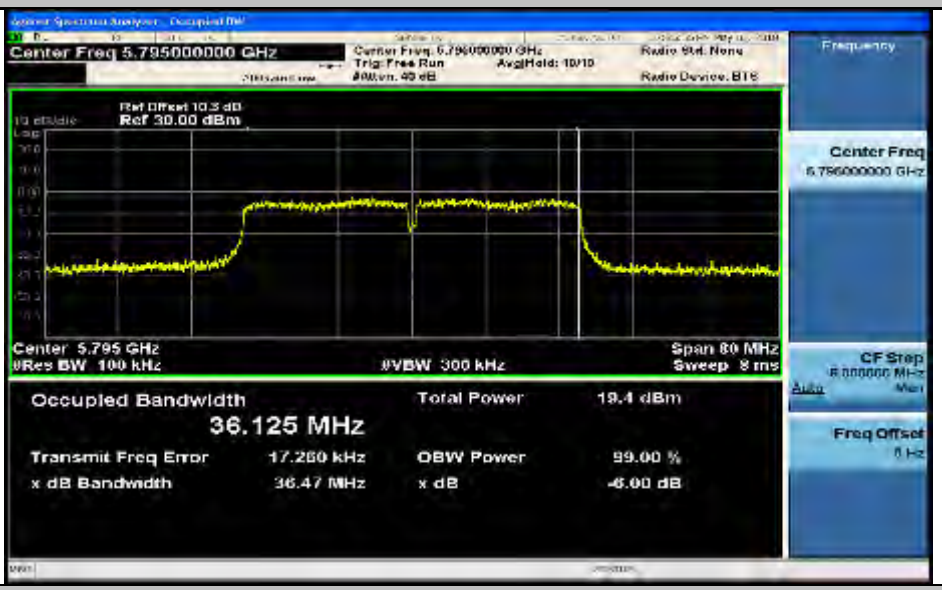
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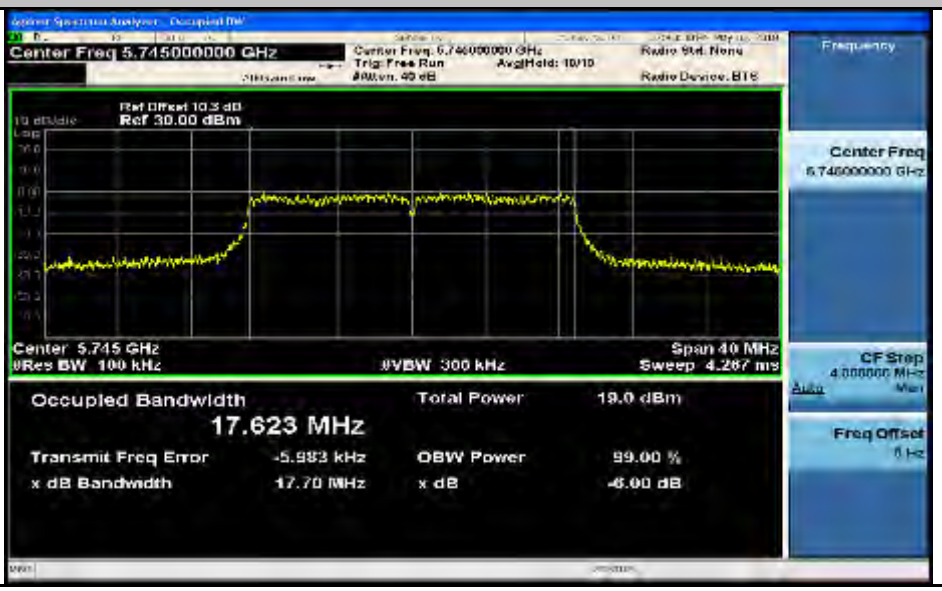
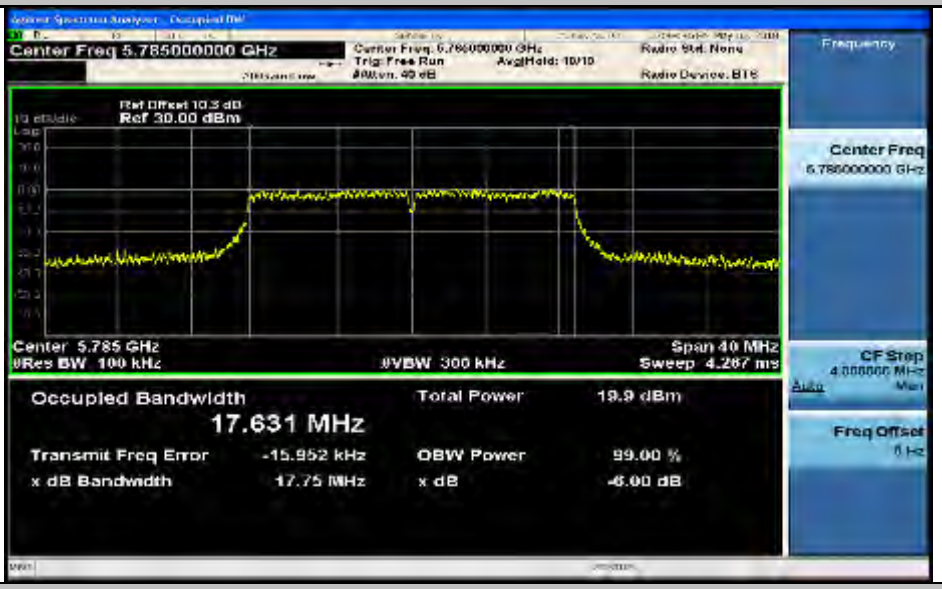


Minimum Emission Bandwidth Measurement_11AC20_5785_Ant0



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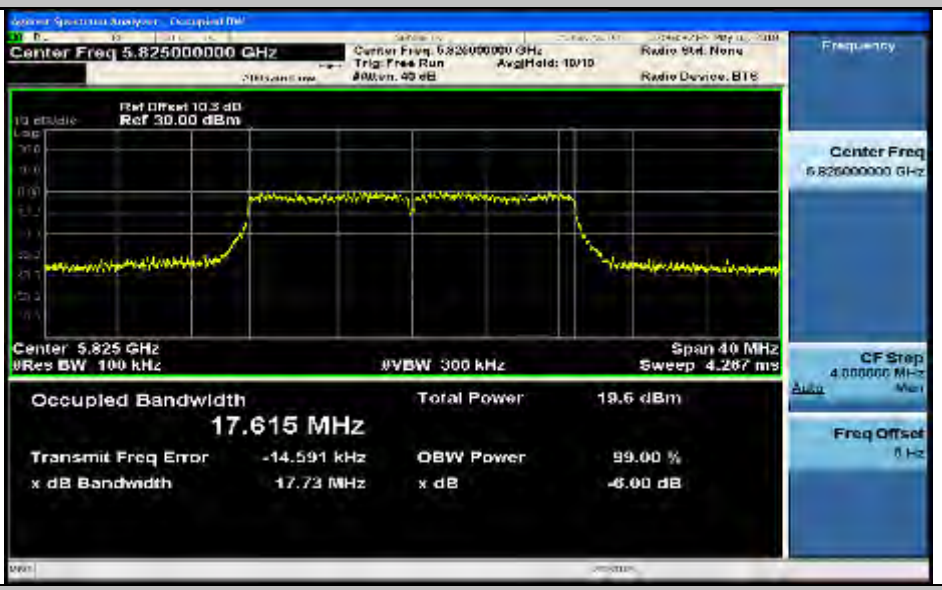
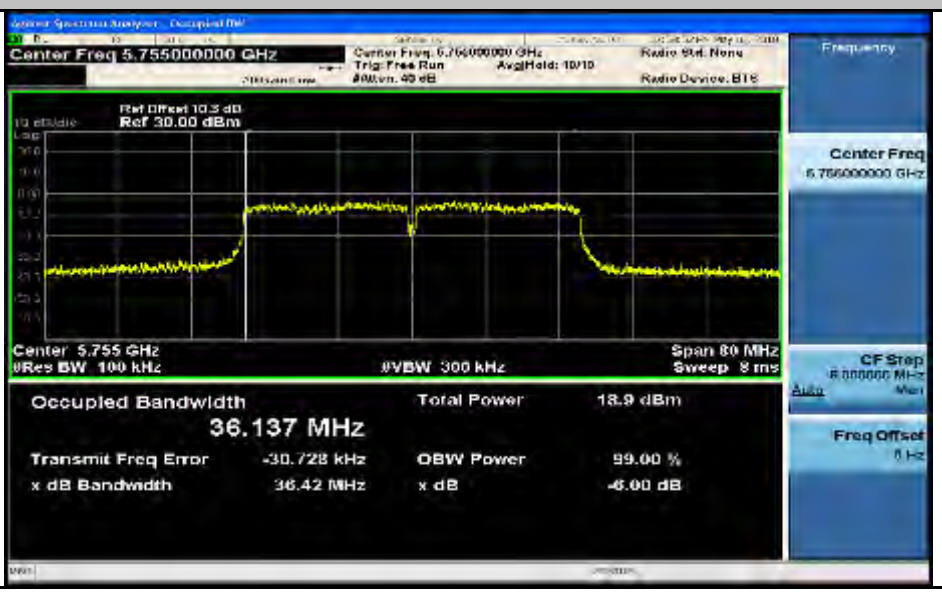
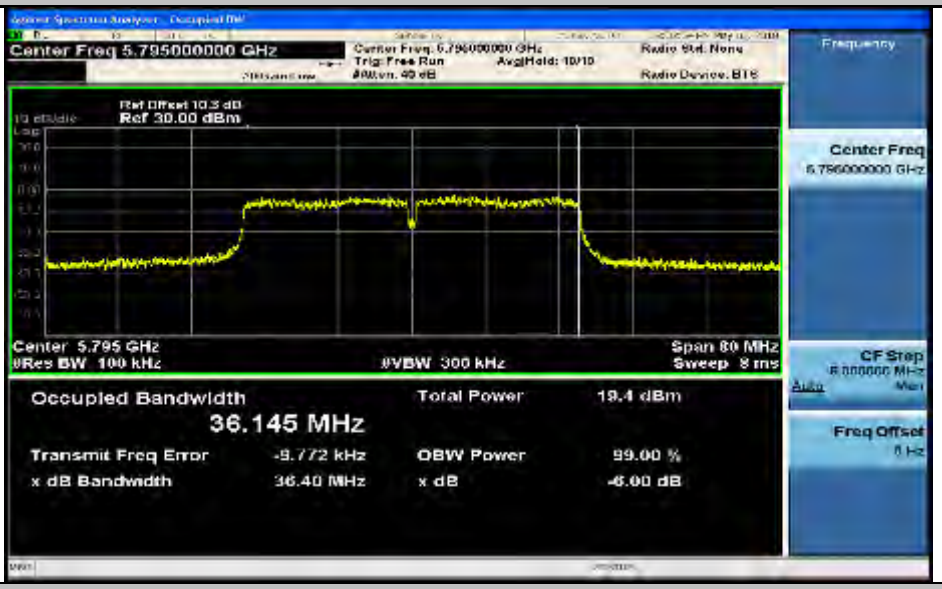


Minimum Emission Bandwidth Measurement_11AC40_5755_Ant0



Minimum Emission Bandwidth Measurement_11AC40_5795_Ant0



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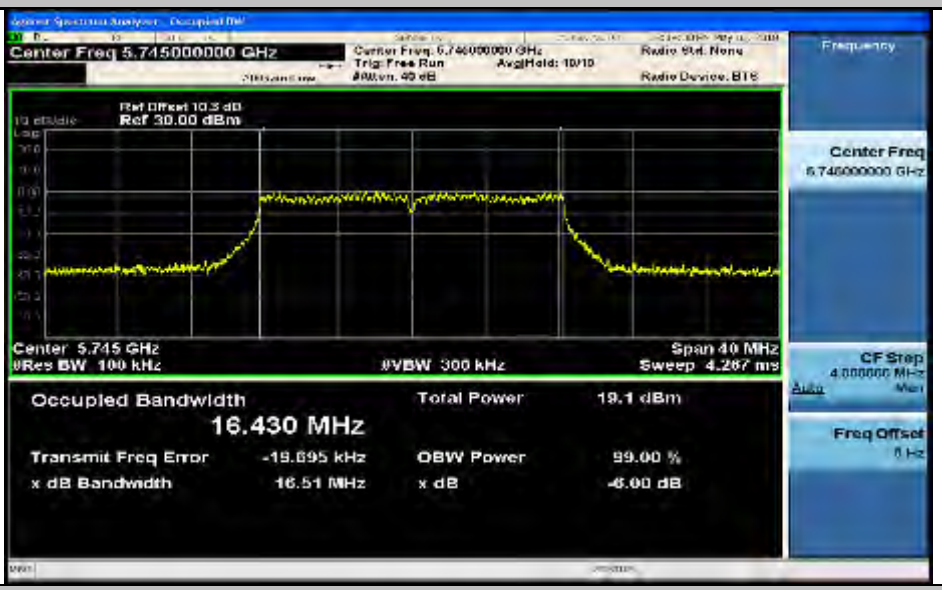
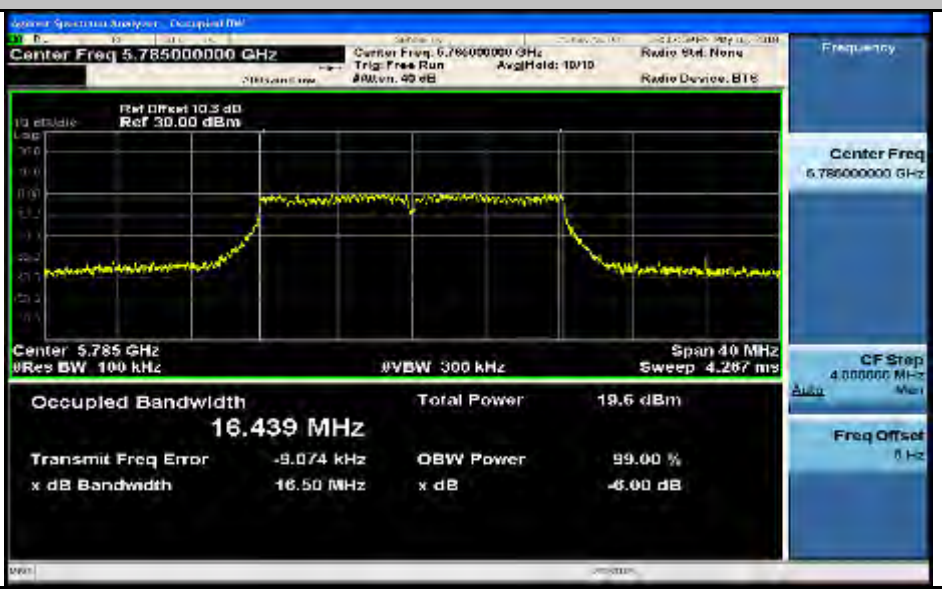
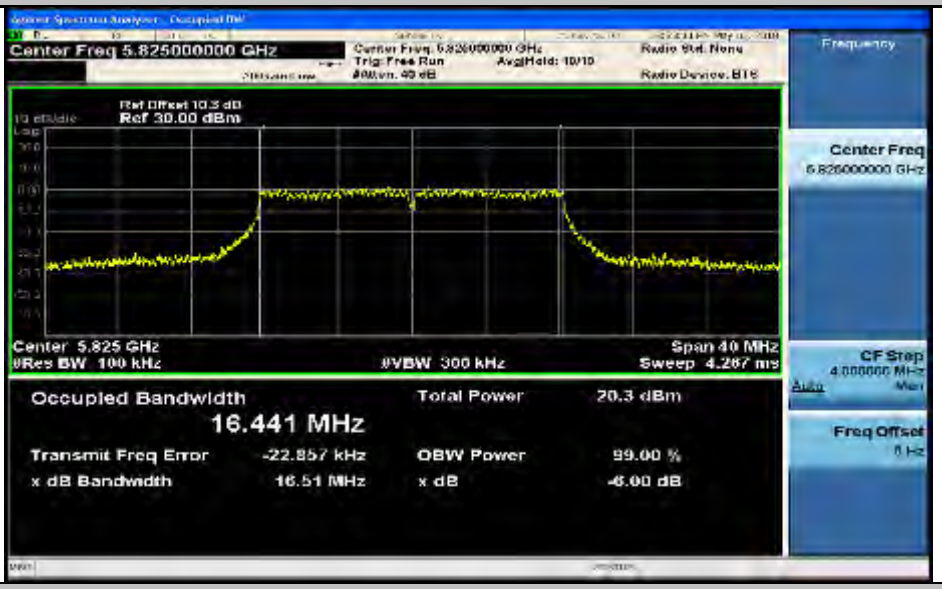


Minimum Emission Bandwidth Measurement_11A_5785_Ant1



Minimum Emission Bandwidth Measurement_11A_5825_Ant1



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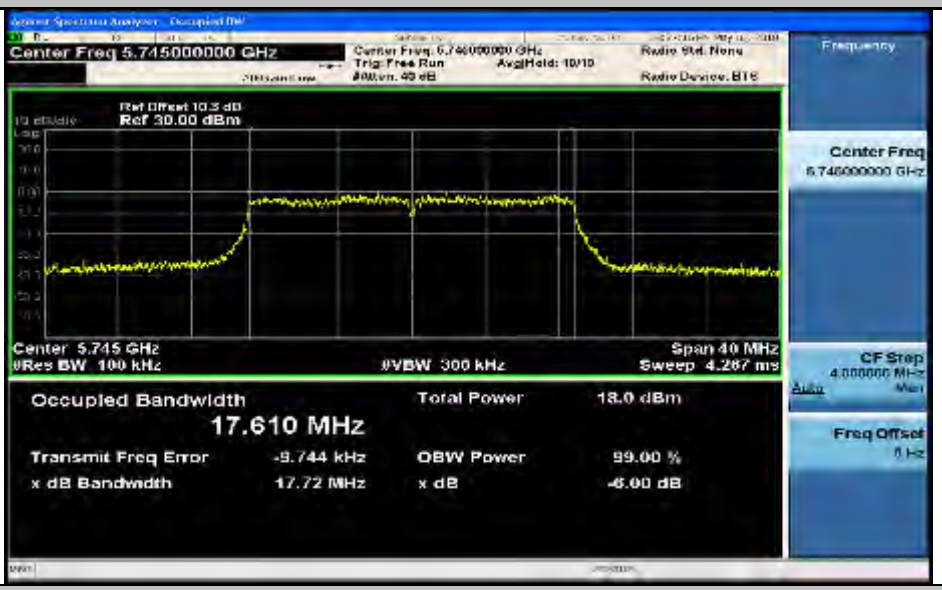
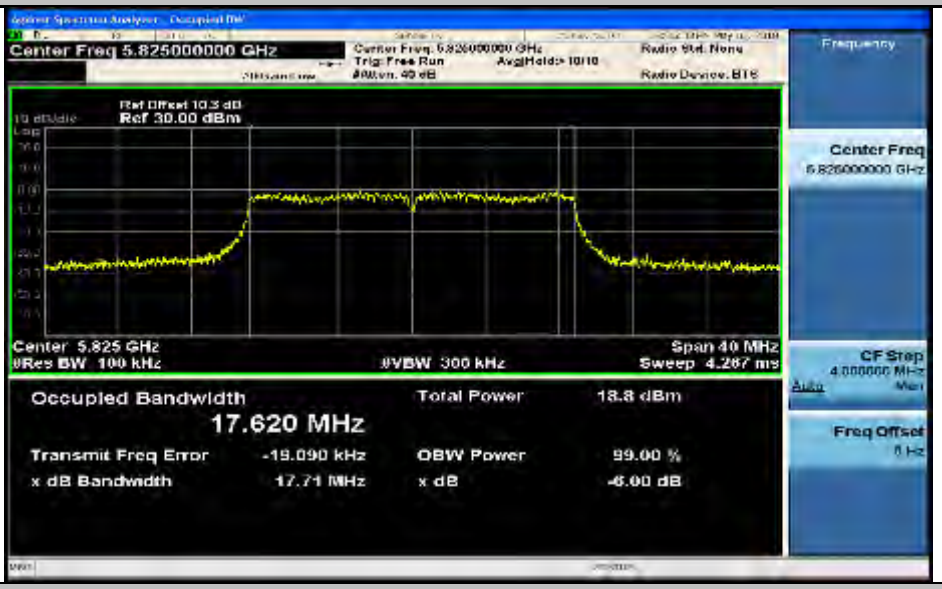
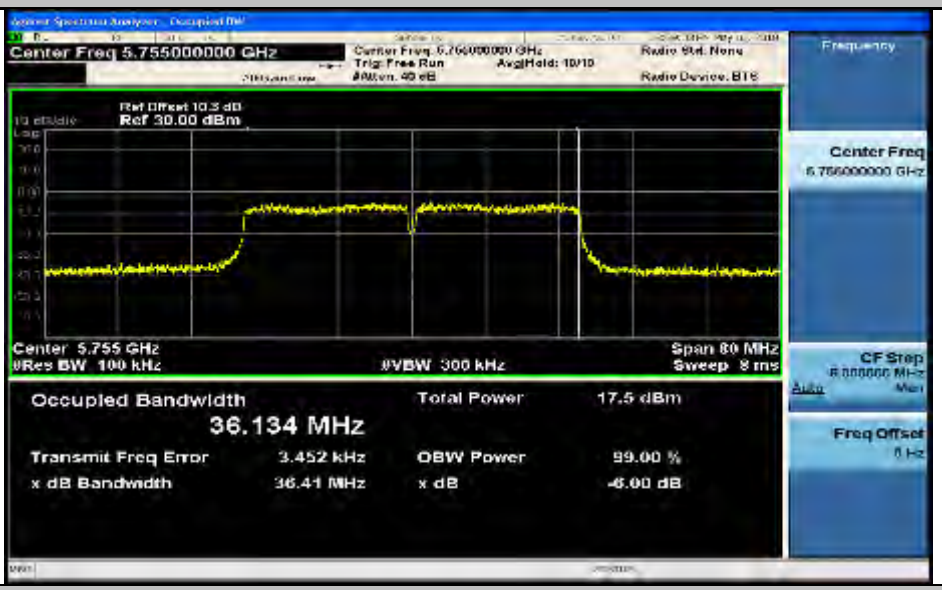


Minimum Emission Bandwidth Measurement_11N20_5785_Ant1

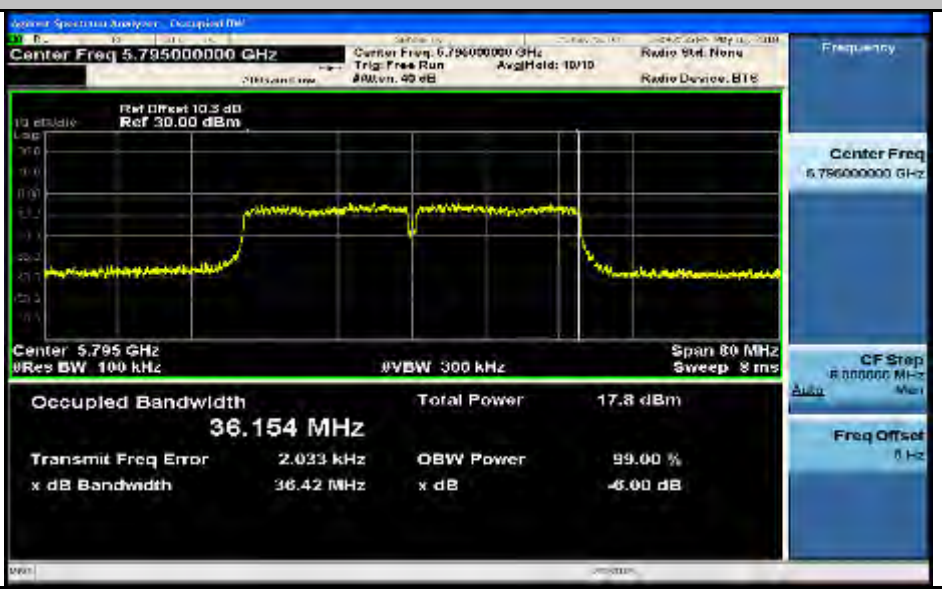
Minimum Emission Bandwidth Measurement_11N20_5825_Ant1



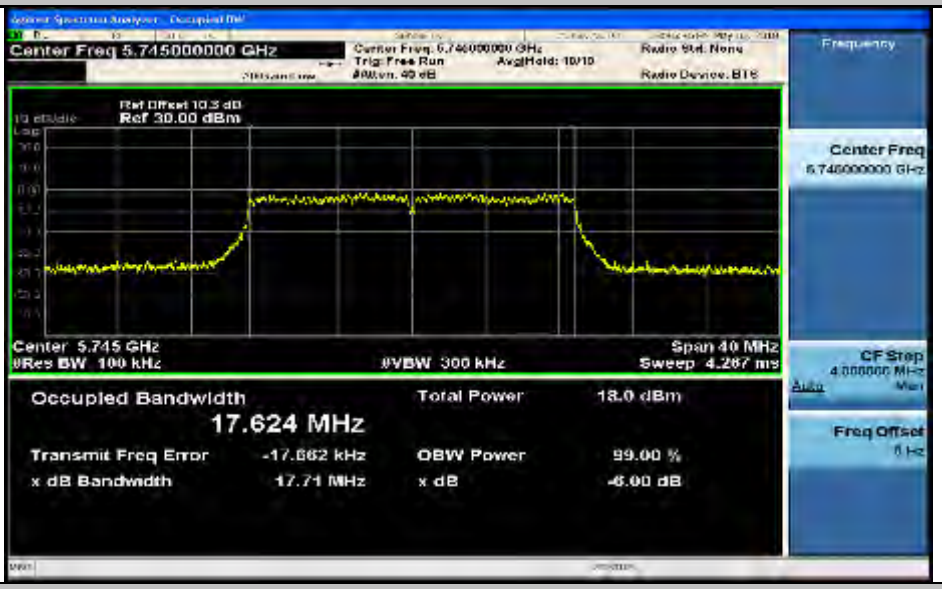
Minimum Emission Bandwidth Measurement_11N40_5755_Ant1



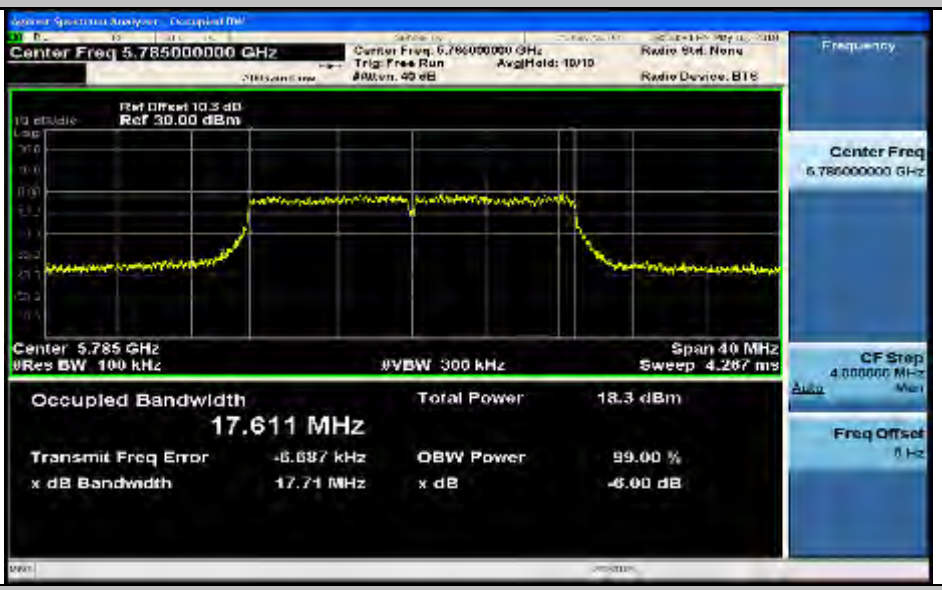
Minimum Emission Bandwidth Measurement_11N40_5795_Ant1



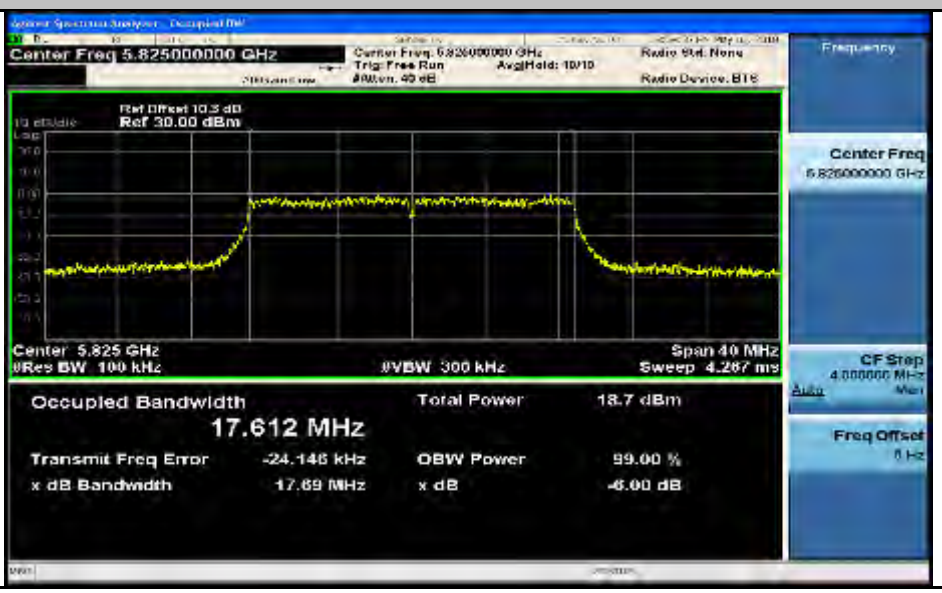
Minimum Emission Bandwidth Measurement_11AC20_5745_Ant1

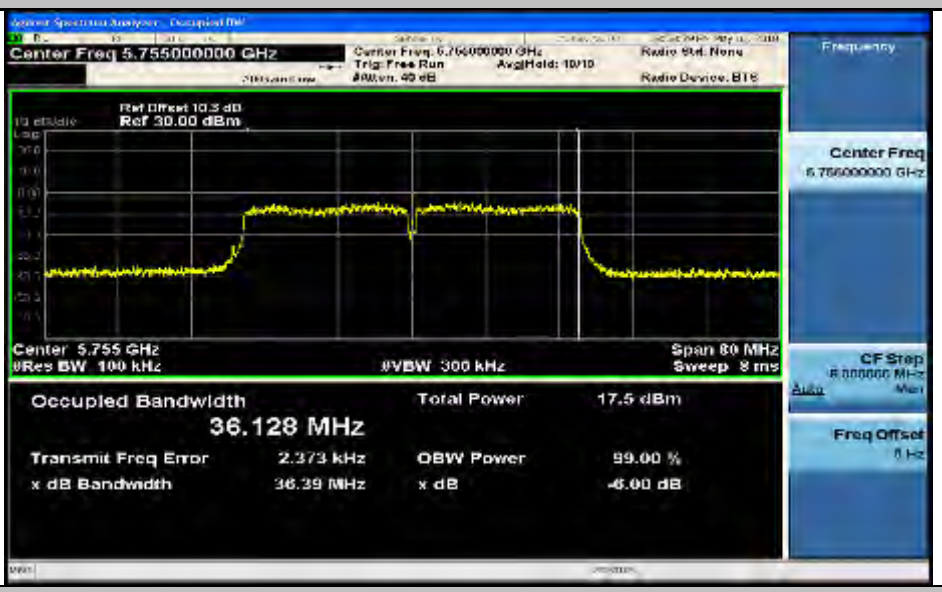


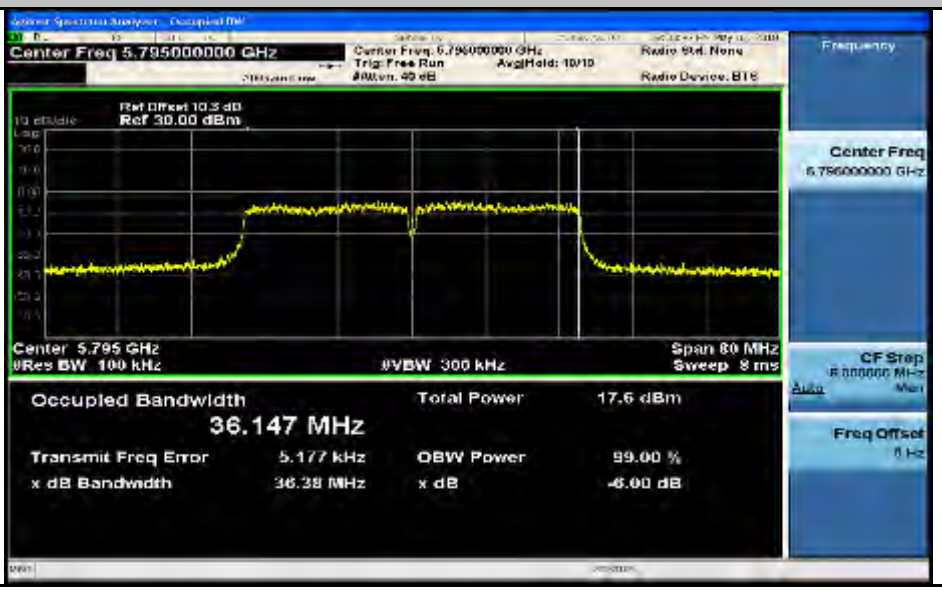
Minimum Emission Bandwidth Measurement_11AC20_5785_Ant1



Minimum Emission Bandwidth Measurement_11AC20_5825_Ant1



Minimum Emission Bandwidth Measurement_11AC40_5755_Ant1


Minimum Emission Bandwidth Measurement_11AC40_5795_Ant1


3.Maximum Conduct Output Power

Test Mode	Test Channel	Level [dBm]		10log(1/x) Factor [dB]		Power [dBm]			Limit [dBm]	Verdict
		ANT0	ANT1	ANT0	ANT1	ANT0	ANT1	MIMO		
11A	5180	13.12	12.93	0.00	0.00	13.12	12.93	N/A	21.00	PASS
11A	5220	12.14	12.51	0.00	0.00	12.14	12.51	N/A	21.00	PASS
11A	5240	12.2	12.15	0.00	0.00	12.20	12.15	N/A	21.00	PASS
11A	5745	13.3	12.38	0.00	0.00	13.30	12.38	N/A	27.00	PASS
11A	5785	13.81	12.84	0.00	0.00	13.81	12.84	N/A	27.00	PASS
11A	5825	13.71	13.57	0.00	0.00	13.71	13.57	N/A	27.00	PASS
11N20	5180	11.5	13.05	0.00	0.00	11.50	13.05	15.35	21.00	PASS
11N20	5220	10.18	10.77	0.00	0.00	10.18	10.77	13.50	21.00	PASS
11N20	5240	10.63	10.6	0.00	0.00	10.63	10.60	13.63	21.00	PASS
11N20	5745	12.1	11.05	0.00	0.00	12.10	11.05	14.62	27.00	PASS
11N20	5785	12.27	11.24	0.00	0.00	12.27	11.24	14.80	27.00	PASS
11N20	5825	12.04	11.91	0.00	0.00	12.04	11.91	14.99	27.00	PASS
11N40	5190	10.58	10.38	0.00	0.00	10.58	10.38	13.49	21.00	PASS
11N40	5230	10.3	10.17	0.00	0.00	10.30	10.17	13.25	21.00	PASS
11N40	5755	11.98	10.87	0.00	0.00	11.98	10.87	14.47	27.00	PASS
11N40	5795	12.6	11.29	0.00	0.00	12.60	11.29	15.00	27.00	PASS
11AC20	5180	11.62	11.62	0.00	0.00	11.62	11.62	14.63	21.00	PASS
11AC20	5220	10.49	10.84	0.00	0.00	10.49	10.84	13.68	21.00	PASS
11AC20	5240	10.54	10.45	0.00	0.00	10.54	10.45	13.51	21.00	PASS
11AC20	5745	12.24	11.1	0.00	0.00	12.24	11.10	14.72	27.00	PASS
11AC20	5785	12.95	11.37	0.00	0.00	12.95	11.37	15.24	27.00	PASS
11AC20	5825	12.91	11.99	0.00	0.00	12.91	11.99	15.48	27.00	PASS
11AC40	5190	10.56	10.29	0.00	0.00	10.56	10.29	13.44	21.00	PASS
11AC40	5230	10.03	10.46	0.00	0.00	10.03	10.46	13.26	21.00	PASS
11AC40	5755	12.14	10.83	0.00	0.00	12.14	10.83	14.54	27.00	PASS
11AC40	5795	12.97	11.35	0.00	0.00	12.97	11.35	15.25	27.00	PASS

Remark：

The two antennas completely correlated with each other, so the directional gain of the two antenna in MIMO mode is 9dBi, the directional antenna gains greater than 6dBi, so the limit of conducted peak output power for 5150MHz to 5250MHz must reduce to 21dBm; the limit of conducted peak output power for 5725MHz to 5850MHz must reduce to 27dBm

Maximum Conduct Output Power_11A_5180_Ant0

Maximum Conduct Output Power_11A_5220_Ant0

Maximum Conduct Output Power_11A_5240_Ant10

Maximum Conduct Output Power_11A_5745_Ant0

Maximum Conduct Output Power_11A_5785_Ant0

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_5745_Ant0

Maximum Conduct Output Power_11N20_5785_Ant0

Maximum Conduct Output Power_11N20_5825_Ant0

Maximum Conduct Output Power_11N40_5190_Ant0

Maximum Conduct Output Power_11N40_5230_Ant0

Maximum Conduct Output Power_11N40_5755_Ant0

Maximum Conduct Output Power_11N40_5795_Ant0

Maximum Conduct Output Power_11AC20_5180_Ant0

Maximum Conduct Output Power_11AC20_5220_Ant0

Maximum Conduct Output Power_11AC20_5240_Ant0

Maximum Conduct Output Power_11AC20_5745_Ant0

Maximum Conduct Output Power_11AC20_5785_Ant0

Maximum Conduct Output Power_11AC20_5825_Ant0

Maximum Conduct Output Power_11AC40_5190_Ant0

Maximum Conduct Output Power_11AC40_5230_Ant0

Maximum Conduct Output Power_11AC40_5755_Ant0

Maximum Conduct Output Power_11AC40_5795_Ant0

Maximum Conduct Output Power_11A_5180_Ant1

Maximum Conduct Output Power_11A_5220_Ant1

Maximum Conduct Output Power_11A_5240_Ant1

Maximum Conduct Output Power_11A_5745_Ant1

Maximum Conduct Output Power_11A_5785_Ant1

Maximum Conduct Output Power_11A_5825_Ant1

Maximum Conduct Output Power_11N20_5180_Ant1

Maximum Conduct Output Power_11N20_5220_Ant1

Maximum Conduct Output Power_11N20_5240_Ant1

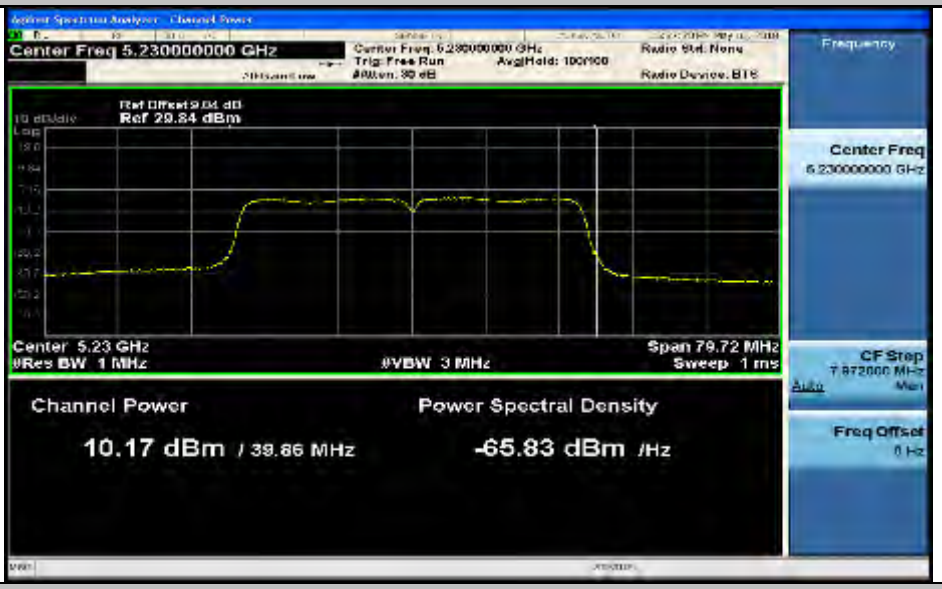
Maximum Conduct Output Power_11N20_5745_Ant1

Maximum Conduct Output Power_11N20_5785_Ant1

Maximum Conduct Output Power_11N20_5825_Ant1

Maximum Conduct Output Power_11N40_5190_Ant1

Maximum Conduct Output Power_11N40_5230_Ant1

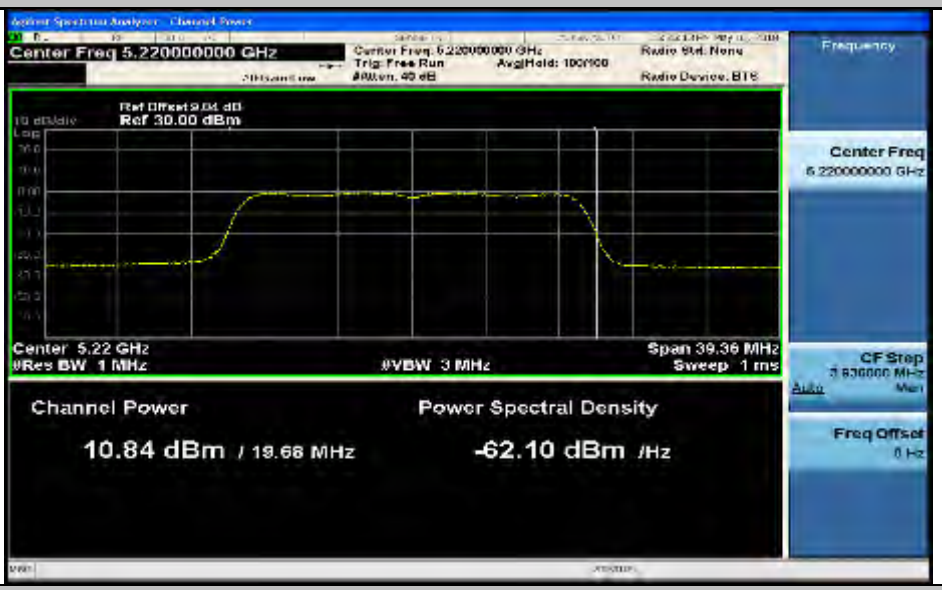


Maximum Conduct Output Power_11N40_5755_Ant1

Maximum Conduct Output Power_11N40_5795_Ant1

Maximum Conduct Output Power_11AC20_5180_Ant1

Maximum Conduct Output Power_11AC20_5220_Ant1



Maximum Conduct Output Power_11AC20_5240_Ant1

Maximum Conduct Output Power_11AC20_5745_Ant1

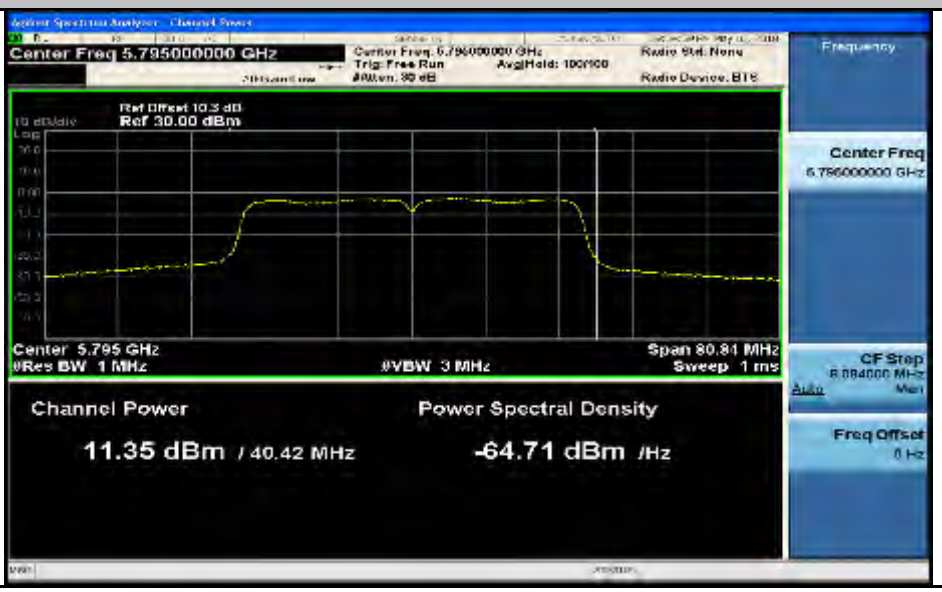
Maximum Conduct Output Power_11AC20_5785_Ant1

Maximum Conduct Output Power_11AC20_5825_Ant1

Maximum Conduct Output Power_11AC40_5190_Ant1

Maximum Conduct Output Power_11AC40_5230_Ant1

Maximum Conduct Output Power_11AC40_5755_Ant1

Maximum Conduct Output Power_11AC40_5795_Ant1


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	2.68	2.59	0.00	0.00	2.68	2.59	N/A	8.00	PASS
11A	5220	1.74	1.95	0.00	0.00	1.74	1.95	N/A	8.00	PASS
11A	5240	1.65	1.86	0.00	0.00	1.65	1.86	N/A	8.00	PASS
11N20	5180	0.61	2.67	0.00	0.00	0.61	2.67	4.77	8.00	PASS
11N20	5220	-0.73	-0.28	0.00	0.00	-0.73	-0.28	2.51	8.00	PASS
11N20	5240	0.10	-0.08	0.00	0.00	0.10	-0.08	3.02	8.00	PASS
11N40	5190	-3.17	-3.49	0.00	0.00	-3.17	-3.49	-0.32	8.00	PASS
11N40	5230	-3.63	-3.28	0.00	0.00	-3.63	-3.28	-0.44	8.00	PASS
11AC20	5180	0.86	0.98	0.00	0.00	0.86	0.98	3.93	8.00	PASS
11AC20	5220	-0.42	-0.06	0.00	0.00	-0.42	-0.06	2.77	8.00	PASS
11AC20	5240	-0.14	-0.16	0.00	0.00	-0.14	-0.16	2.86	8.00	PASS
11AC40	5190	-3.05	-3.51	0.00	0.00	-3.05	-3.51	-0.26	8.00	PASS
11AC40	5230	-3.54	-3.29	0.00	0.00	-3.54	-3.29	-0.40	8.00	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
		ANT0	ANT1	ANT0	ANT1	ANT0	ANT1	ANT0	ANT1	MIMO		
11A	5745	-2.49	-3.27	0.00	0.00	2.22	2.22	-0.28	-1.05	N/A	27.00	PASS
11A	5785	-1.84	-2.56	0.00	0.00	2.22	2.22	0.38	-0.35	N/A	27.00	PASS
11A	5825	-1.98	-2.05	0.00	0.00	2.22	2.22	0.24	0.17	N/A	27.00	PASS
11N20	5745	-4.02	-4.96	0.00	0.00	2.22	2.22	-1.80	-2.74	0.77	27.00	PASS
11N20	5785	-3.57	-4.52	0.00	0.00	2.22	2.22	-1.36	-2.31	1.20	27.00	PASS
11N20	5825	-4.05	-3.83	0.00	0.00	2.22	2.22	-1.83	-1.62	1.29	27.00	PASS
11N40	5755	-7.45	-8.48	0.00	0.00	2.22	2.22	-5.23	-6.26	-2.70	27.00	PASS
11N40	5795	-6.76	-8.14	0.00	0.00	2.22	2.22	-4.54	-5.92	-2.17	27.00	PASS
11AC20	5745	-3.92	-4.71	0.00	0.00	2.22	2.22	-1.70	-2.50	0.93	27.00	PASS
11AC20	5785	-3.13	-4.56	0.00	0.00	2.22	2.22	-0.91	-2.35	1.44	27.00	PASS
11AC20	5825	-3.10	-4.17	0.00	0.00	2.22	2.22	-0.88	-1.95	1.63	27.00	PASS
11AC40	5755	-6.94	-8.21	0.00	0.00	2.22	2.22	-4.72	-5.99	-2.30	27.00	PASS
11AC40	5795	-6.17	-7.86	0.00	0.00	2.22	2.22	-3.96	-5.64	-1.71	27.00	PASS

Remark：

The two antennas completely correlated with each other, so the directional gain of the two antenna in MIMO mode is 9dBi, the directional antenna gains greater than 6dBi, so the limit of conducted PSD for 5150MHz to 5250MHz must reduce to 8dBm; the limit of conducted PSD for 5725MHz to 5850MHz must reduce to 27dBm

Maximum Power Spectral Density_TNVN_11A_5180_Ant0

Maximum Power Spectral Density_TNVN_11A_5220_Ant0

Maximum Power Spectral Density_TNVN_11A_5240_Ant0

Maximum Power Spectral Density_TNVN_11A_5745_Ant0

Maximum Power Spectral Density_TNVN_11A_5785_Ant0

Maximum Power Spectral Density_TNVN_11A_5825_Ant0

Maximum Power Spectral Density_TNVN_11N20_5180_Ant0

Maximum Power Spectral Density_TNVN_11N20_5220_Ant0

Maximum Power Spectral Density_TNVN_11N20_5240_Ant0

Maximum Power Spectral Density_TNVN_11N20_5745_Ant0

Maximum Power Spectral Density_TNVN_11N20_5785_Ant0

Maximum Power Spectral Density_TNVN_11N20_5825_Ant0

Maximum Power Spectral Density_TNVN_11N40_5190_Ant0

Maximum Power Spectral Density_TNVN_11N40_5230_Ant0

Maximum Power Spectral Density_TNVN_11N40_5755_Ant0

Maximum Power Spectral Density_TNVN_11N40_5795_Ant0

Maximum Power Spectral Density_TNVN_11AC20_5180_Ant0

Maximum Power Spectral Density_TNVN_11AC20_5220_Ant0

Maximum Power Spectral Density_TNVN_11AC20_5240_Ant0

Maximum Power Spectral Density_TNVN_11AC20_5745_Ant0

Maximum Power Spectral Density_TNVN_11AC20_5785_Ant0

Maximum Power Spectral Density_TNVN_11AC20_5825_Ant0

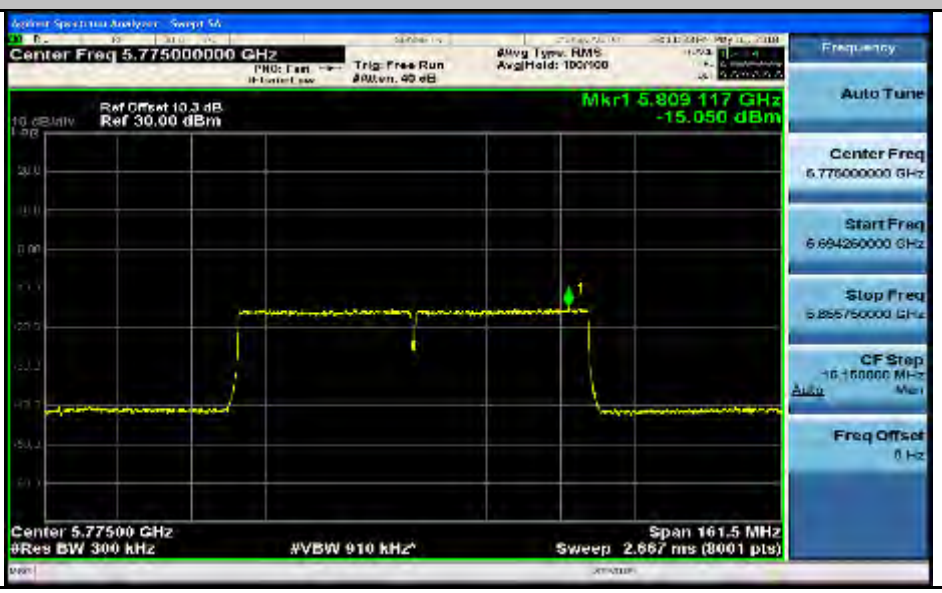
Maximum Power Spectral Density_TNVN_11AC40_5190_Ant0

Maximum Power Spectral Density_TNVN_11AC40_5230_Ant0

Maximum Power Spectral Density_TNVN_11AC40_5755_Ant0

Maximum Power Spectral Density_TNVN_11AC40_5795_Ant0

Maximum Power Spectral Density_TNVN_11AC80_5775_Ant1



Maximum Power Spectral Density_TNVN_11A_5180_Ant1

Maximum Power Spectral Density_TNVN_11A_5220_Ant1

Maximum Power Spectral Density_TNVN_11A_5240_Ant1


Maximum Power Spectral Density_TNVN_11A_5745_Ant1

Maximum Power Spectral Density_TNVN_11A_5785_Ant1

Maximum Power Spectral Density_TNVN_11A_5825_Ant1

Maximum Power Spectral Density_TNVN_11N20_5180_Ant1

Maximum Power Spectral Density_TNVN_11N20_5220_Ant1

Maximum Power Spectral Density_TNVN_11N20_5240_Ant1

Maximum Power Spectral Density_TNVN_11N20_5745_Ant1

Maximum Power Spectral Density_TNVN_11N20_5785_Ant1

Maximum Power Spectral Density_TNVN_11N20_5825_Ant1

Maximum Power Spectral Density_TNVN_11N40_5190_Ant1

Maximum Power Spectral Density_TNVN_11N40_5230_Ant1

Maximum Power Spectral Density_TNVN_11N40_5755_Ant1

Maximum Power Spectral Density_TNVN_11N40_5795_Ant1

Maximum Power Spectral Density_TNVN_11AC20_5180_Ant1

Maximum Power Spectral Density_TNVN_11AC20_5220_Ant1


Maximum Power Spectral Density_TNVN_11AC20_5240_Ant1

Maximum Power Spectral Density_TNVN_11AC20_5745_Ant1

Maximum Power Spectral Density_TNVN_11AC20_5785_Ant1

Maximum Power Spectral Density_TNVN_11AC20_5825_Ant1

Maximum Power Spectral Density_TNVN_11AC40_5190_Ant1

Maximum Power Spectral Density_TNVN_11AC40_5230_Ant1


Maximum Power Spectral Density_TNVN_11AC40_5755_Ant1

Maximum Power Spectral Density_TNVN_11AC40_5795_Ant1


6.Frequency Stability

Band	Test Conditions		Operation Frequency (MHz)	Test Frequency (MHz)		Freq. Dev. (MHz)		Limit (GHz)	Result
	Volt (V DC)	Temp (℃)		ANT0	ANT1	ANT0	ANT1		
Band U-NII 1	Normal(3.3)	Extreme(-20)	5180	5180.0312	5180.0330	0.0312	0.0330	5.15-5.25	Pass
		Extreme(-10)		5180.485	5180.0458	0.0485	0.0458		Pass
		Extreme(0)		5180.0291	5180.0289	0.0291	0.0289		Pass
		Extreme(+10)		5180.0365	5180.0331	0.0365	0.0331		Pass
		Extreme(+20)		5180.0289	5180.0284	0.0289	0.0284		Pass
		Extreme(+30)		5180.0395	5180.0359	0.0395	0.0359		Pass
		Extreme(+40)		5180.0621	5180.0662	0.0621	0.0662		Pass
		Extreme(+50)		5180.0502	5180.0547	0.0502	0.0547		Pass
	Extreme(3.795)	Norma(20)		5180.0482	5180.0469	0.0482	0.0469		Pass
	Extreme(2.805)			5180.0479	5180.0482	0.0479	0.0482		Pass
	Normal(3.3)	Extreme(-20)	5240	5240.0267	5240.0259	0.0267	0.0259		Pass
		Extreme(-10)		5240.0362	5240.0385	0.0362	0.0385		Pass
		Extreme(0)		5240.0335	5240.0334	0.0335	0.0334		Pass
		Extreme(+10)		5240.0295	5240.0285	0.0295	0.0285		Pass
		Extreme(+20)		5240.0268	5240.0266	0.0268	0.0266		Pass
		Extreme(+30)		5240.0315	5240.0305	0.0315	0.0305		Pass
		Extreme(+40)		5240.0363	5240.0384	0.0363	0.0384		Pass
		Extreme(+50)		5240.0298	5240.0279	0.0298	0.0279		Pass
	Extreme(3.795)	Norma(20)		5240.0356	5240.0352	0.0365	0.0352		Pass
	Extreme(2.805)			5240.0401	5240.0451	0.0401	0.0451		Pass
Band	Test Conditions		Operation Frequency (MHz)	Test Frequency (MHz)		Freq. Dev. (MHz)		Limit (GHz)	Result
	Volt (V DC)	Temp (℃)		ANT0	ANT1	ANT0	ANT1		
Band U-NII 3	Normal(3.3)	Extreme(-20)	5745	5745.0261	5745.0284	0.0261	0.0284	5.725-5.850	Pass
		Extreme(-10)		5745.0451	5745.0462	0.0451	0.0462		Pass
		Extreme(0)		5745.0352	5745.0362	0.0352	0.0362		Pass
		Extreme(+10)		5745.0289	5745.0277	0.0289	0.0277		Pass
		Extreme(+20)		5745.0468	5745.0484	0.0468	0.0484		Pass
		Extreme(+30)		5745.0396	5745.0395	0.0396	0.0395		Pass
		Extreme(+40)		5745.0475	5745.0452	0.0475	0.0452		Pass
		Extreme(+50)		5745.0425	5745.0474	0.0425	0.0474		Pass
	Extreme(3.795)	Norma(+20)		5745.0496	5745.0505	0.0496	0.0505		Pass
	Extreme(2.805)			5745.0518	5745.0522	0.0518	0.0522		Pass
	Normal(3.3)	Extreme(-20)	5825	5825.0328	5825.0384	0.0328	0.0384		Pass
		Extreme(-10)		5825.0475	5825.0462	0.0475	0.0462		Pass
		Extreme(0)		5825.0465	5825.0471	0.0465	0.0471		Pass
		Extreme(+10)		5825.0295	5825.0284	0.0295	0.0284		Pass
		Extreme(+20)		5825.0441	5825.0462	0.0441	0.0462		Pass
		Extreme(+30)		5825.0362	5825.0329	0.0362	0.0329		Pass
		Extreme(+40)		5825.0385	5825.0362	0.0385	0.0362		Pass
		Extreme(+50)		5825.0496	5825.0451	0.0496	0.0451		Pass
	Extreme(3.795)	Norma(20)		5825.0411	5825.0471	0.0411	0.0471		Pass
	Extreme(2.805)			5825.0296	5825.0264	0.0296	0.0264		Pass

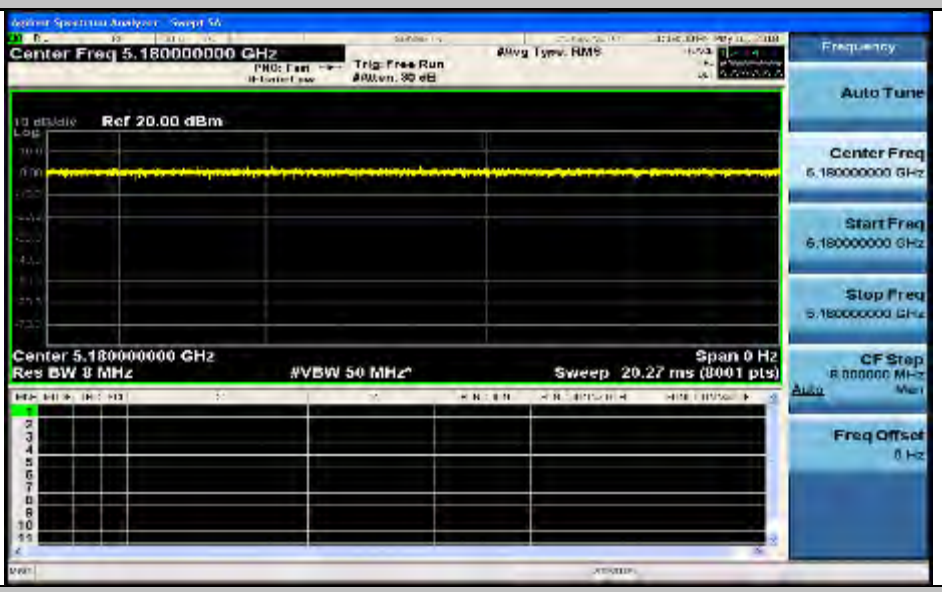
Remark: Based on the results of the frequency stability test shown above the frequency deviation results measured are very small. As such it is determined that the channels at the band edge would remain in-band when the maximum measured frequency deviation noted during the frequency stability tests is

applied. Therefore the device is determined to remain operating in band over the temperature and voltage range as tested.

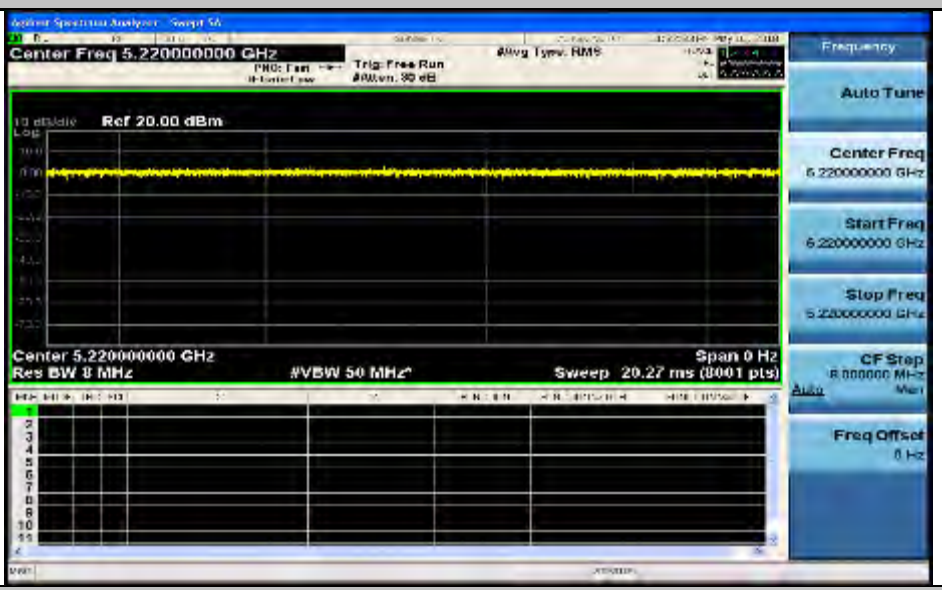
7.Duty Cycle

Test Mode	Test Channel	Duty Cycle[%]		10log(1/x) Factor[dB]
		ANT0	ANT1	
11A	5180	100.00	100.00	0.00
11A	5220	100.00	100.00	0.00
11A	5240	100.00	100.00	0.00
11A	5745	100.00	100.00	0.00
11A	5785	100.00	100.00	0.00
11A	5825	100.00	100.00	0.00
11N20	5180	100.00	100.00	0.00
11N20	5220	100.00	100.00	0.00
11N20	5240	100.00	100.00	0.00
11N20	5745	100.00	100.00	0.00
11N20	5785	100.00	100.00	0.00
11N20	5825	100.00	100.00	0.00
11N40	5190	100.00	100.00	0.00
11N40	5230	100.00	100.00	0.00
11N40	5755	100.00	100.00	0.00
11N40	5795	100.00	100.00	0.00
11AC20	5180	100.00	100.00	0.00
11AC20	5220	100.00	100.00	0.00
11AC20	5240	100.00	100.00	0.00
11AC20	5745	100.00	100.00	0.00
11AC20	5785	100.00	100.00	0.00
11AC20	5825	100.00	100.00	0.00
11AC40	5190	100.00	100.00	0.00
11AC40	5230	100.00	100.00	0.00
11AC40	5755	100.00	100.00	0.00
11AC40	5795	100.00	100.00	0.00

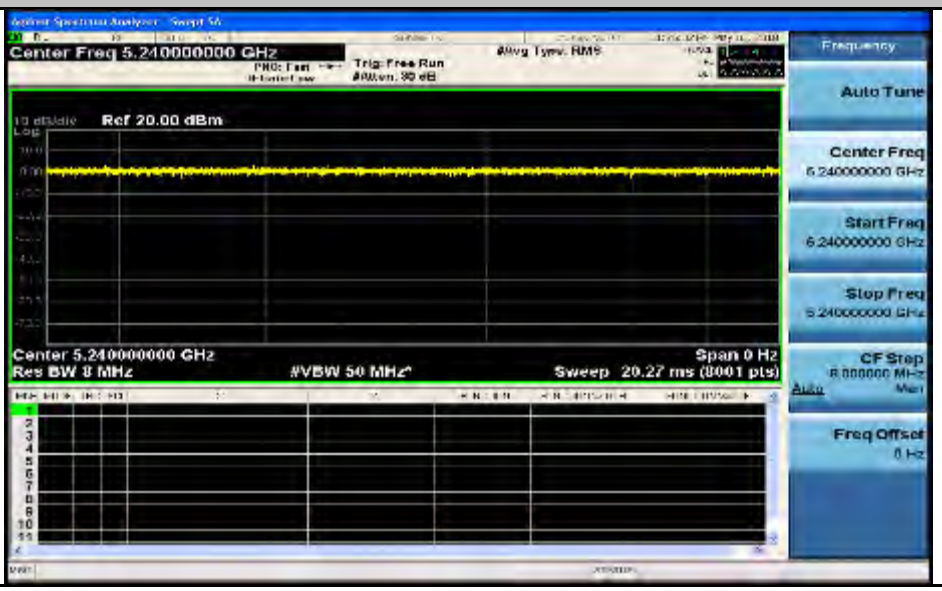
Duty Cycle_11A_5180_Ant0



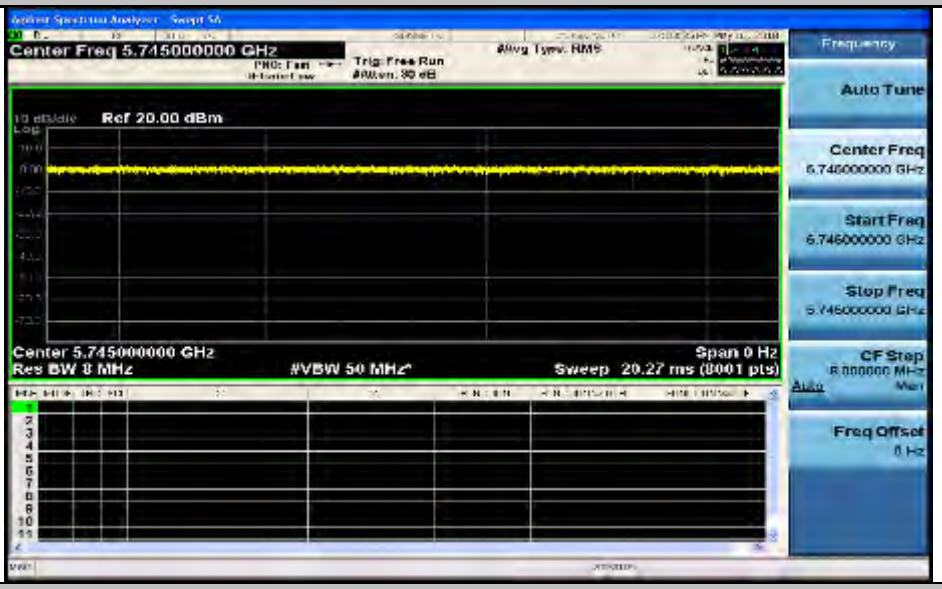
Duty Cycle_11A_5220_Ant0



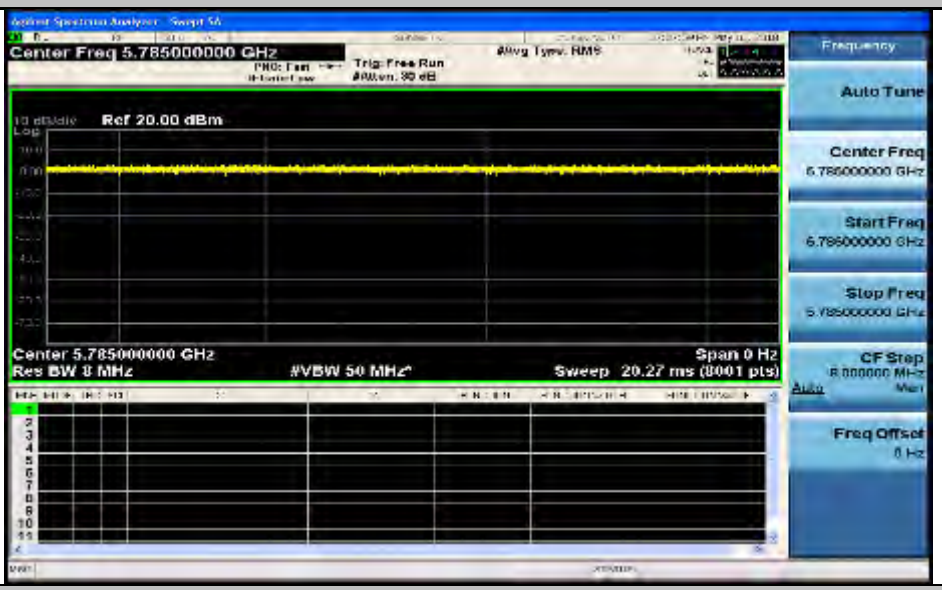
Duty Cycle_11A_5240_Ant0



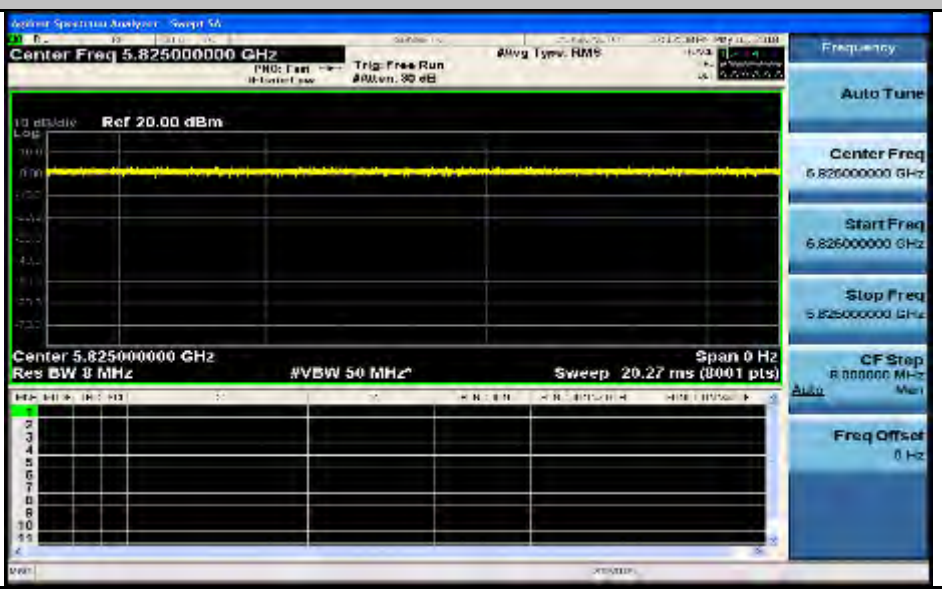
Duty Cycle_11A_5745_Ant0



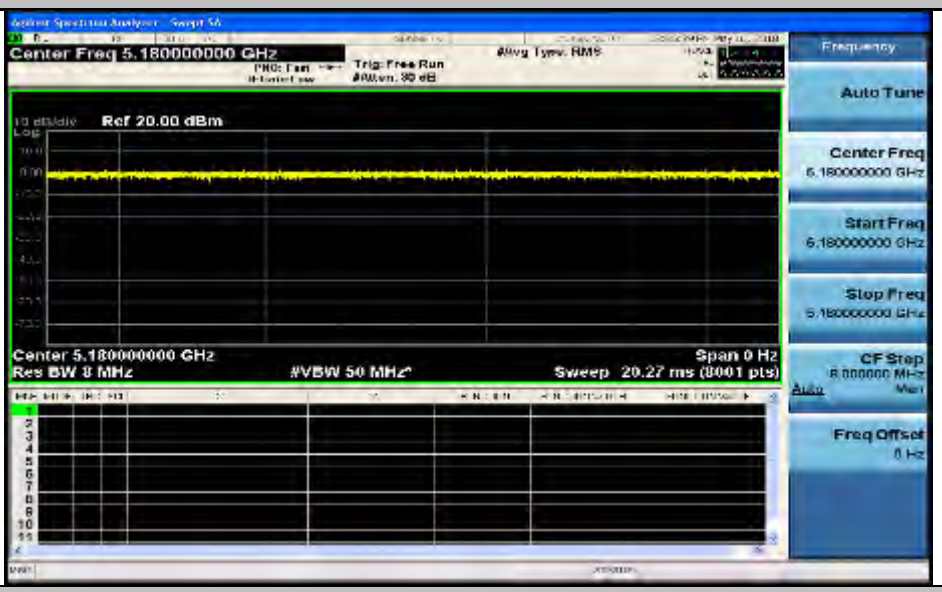
Duty Cycle_11A_5785_Ant0



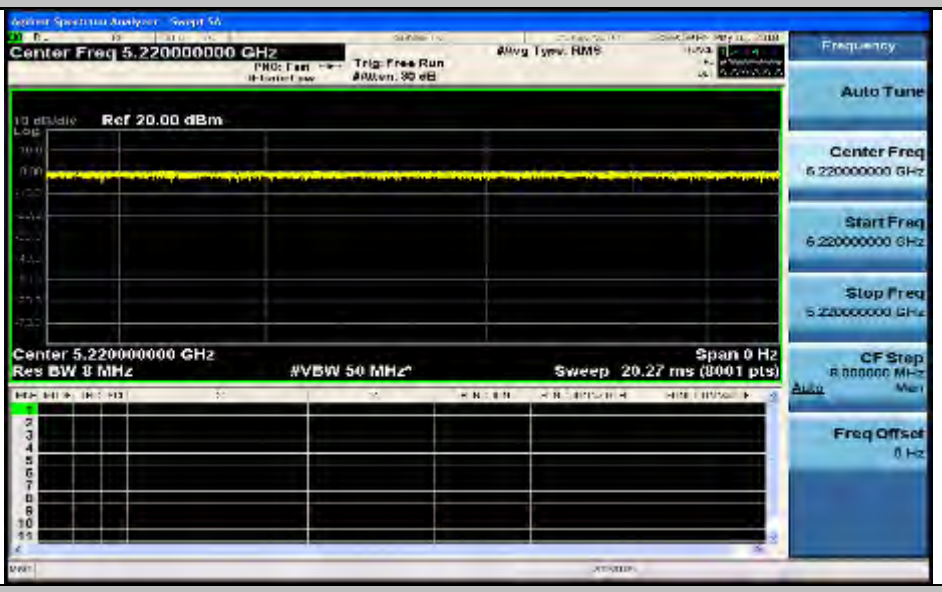
Duty Cycle_11A_5825_Ant0



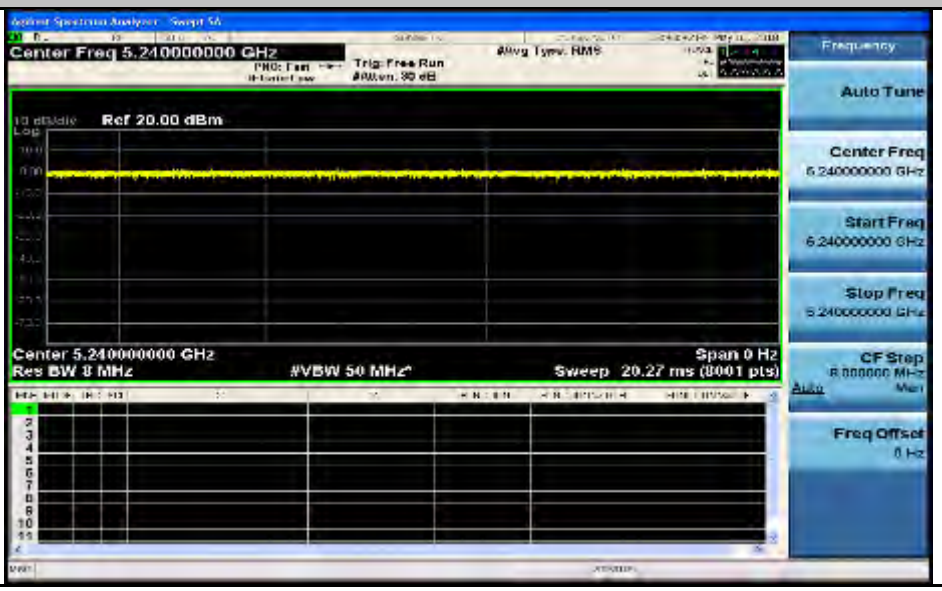
Duty Cycle_11N20_5180_Ant0



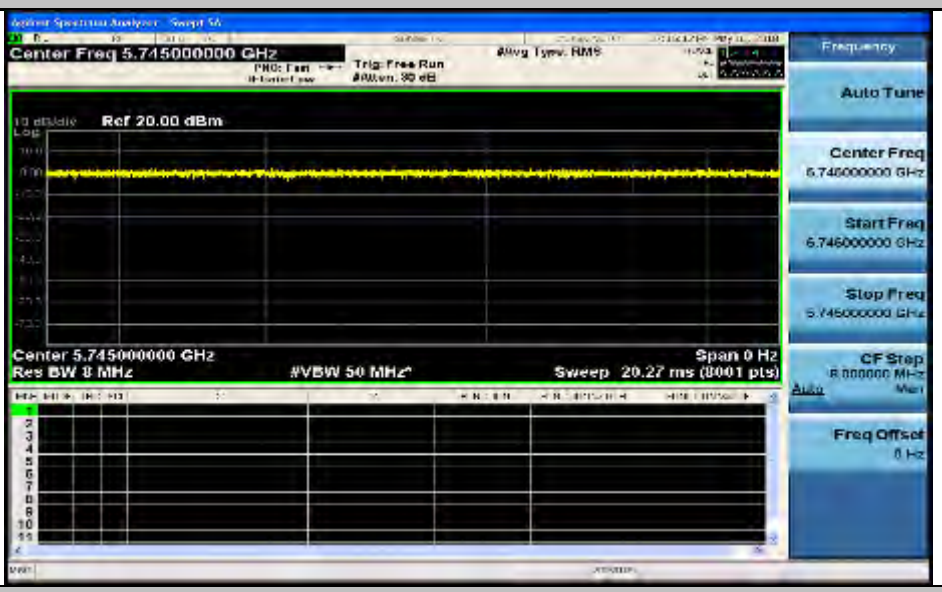
Duty Cycle_11N20_5220_Ant0



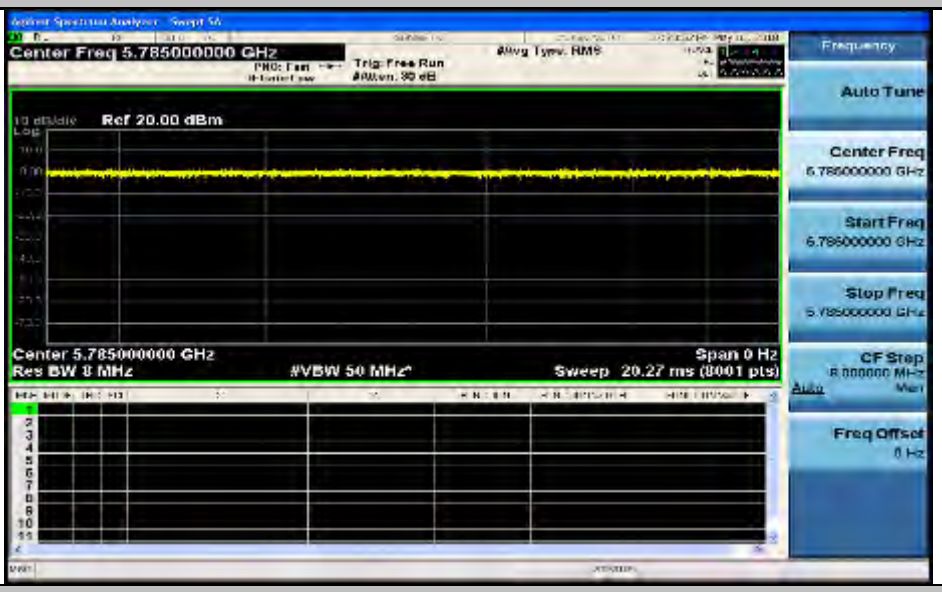
Duty Cycle_11N20_5240_Ant0



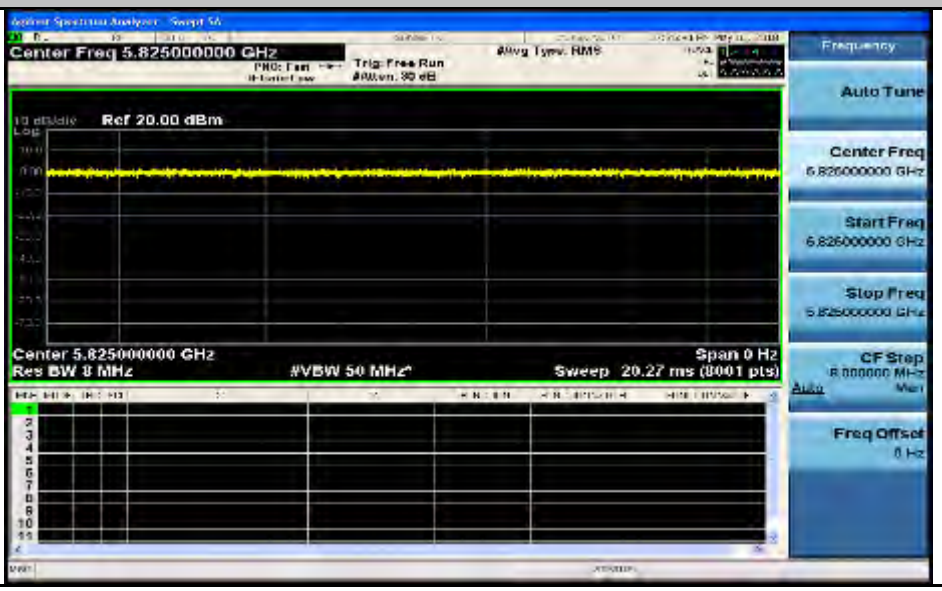
Duty Cycle_11N20_5745_Ant0



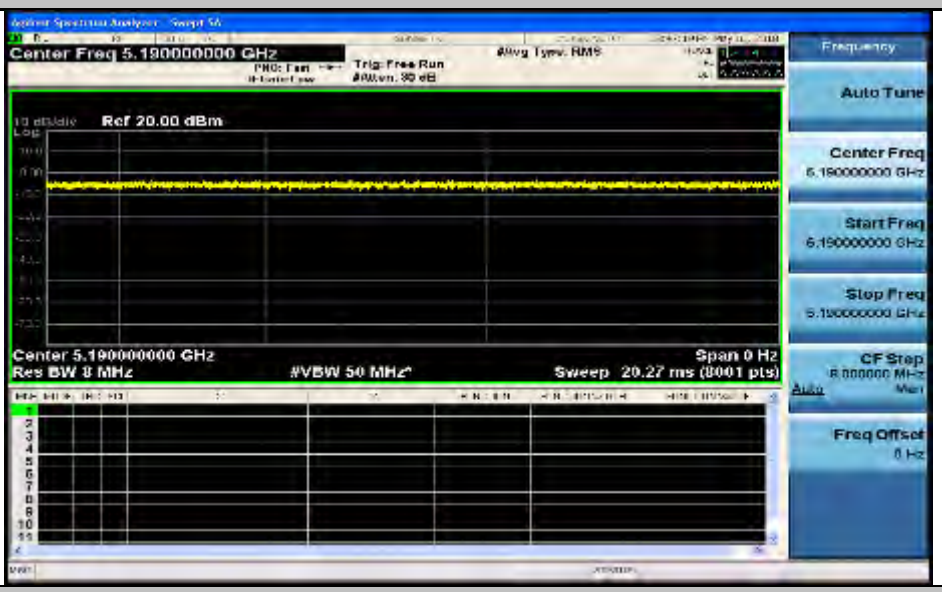
Duty Cycle_11N20_5785_Ant0



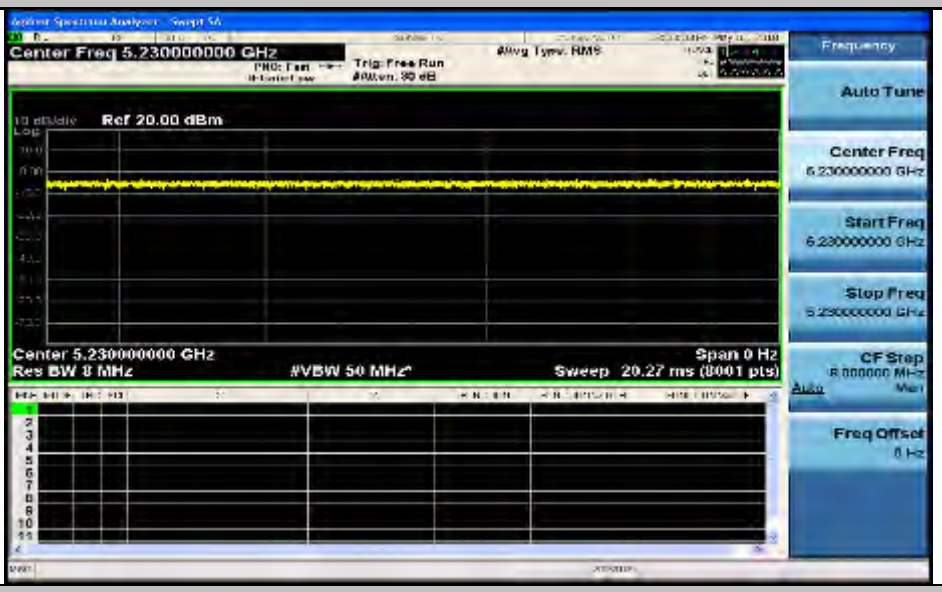
Duty Cycle_11N20_5825_Ant0



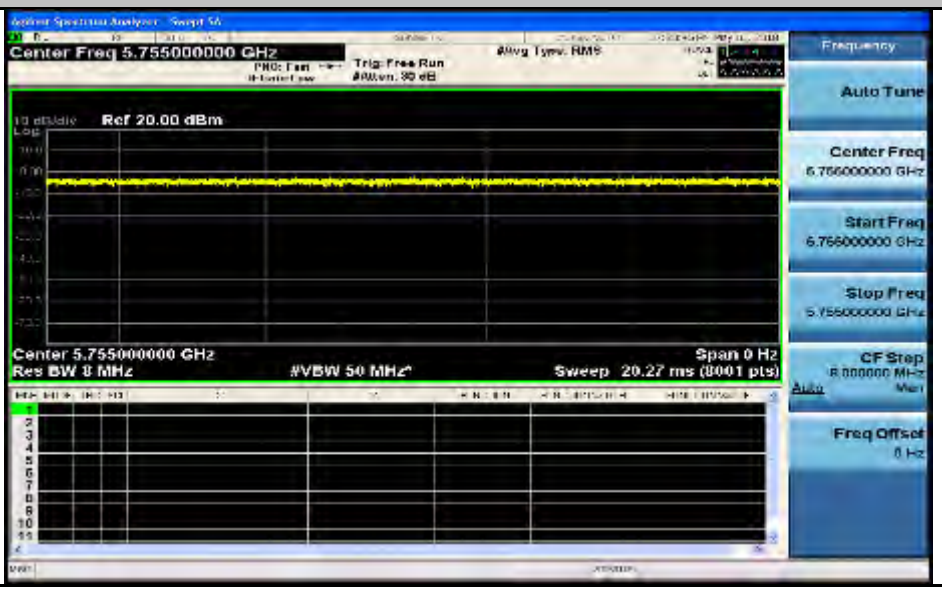
Duty Cycle_11N40_5190_Ant0



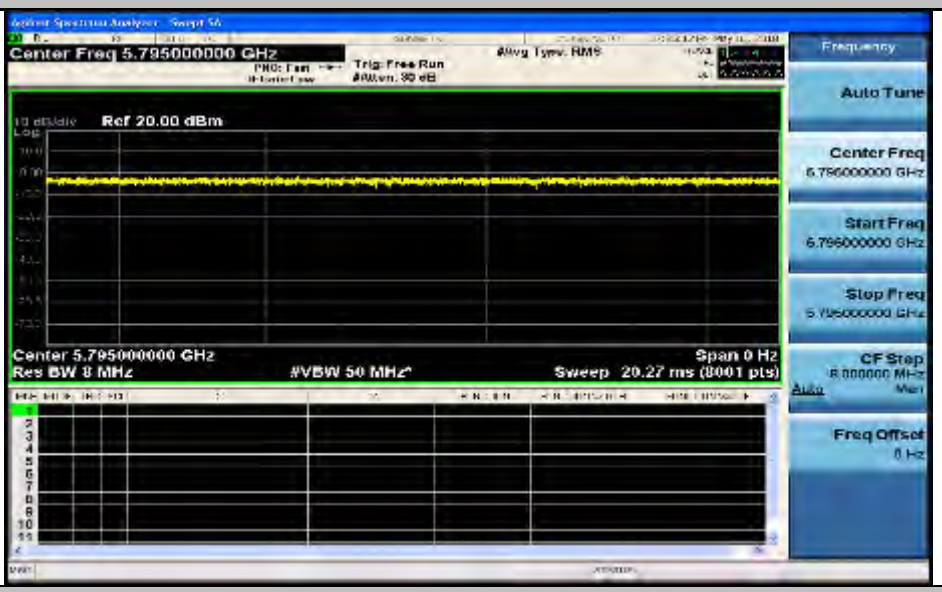
Duty Cycle_11N40_5230_Ant0



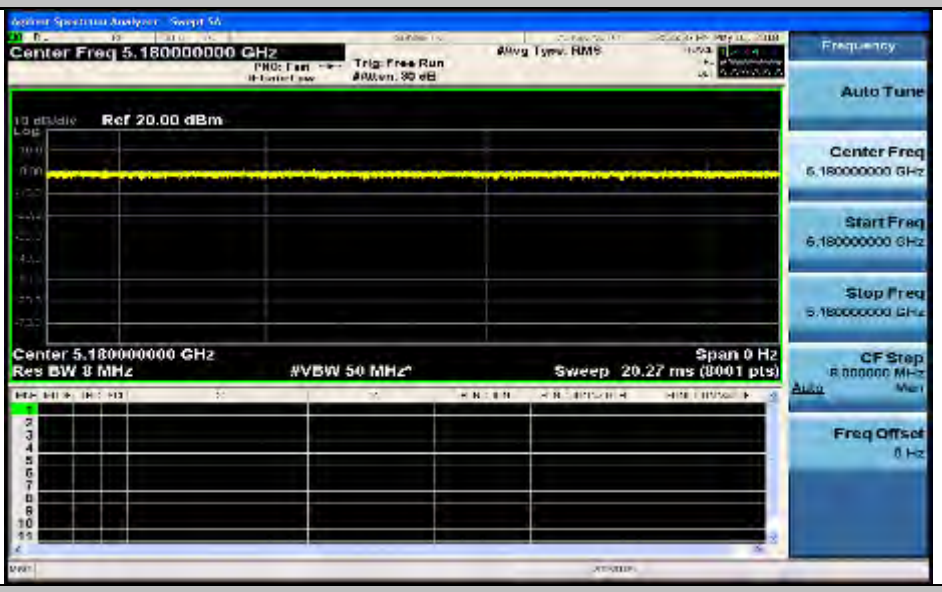
Duty Cycle_11N40_5755_Ant0



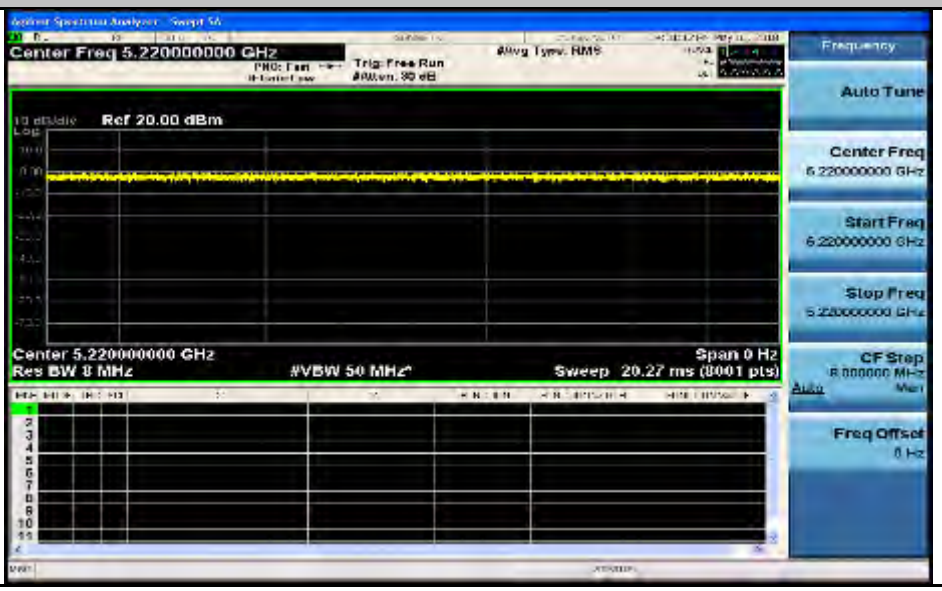
Duty Cycle_11N40_5795_Ant0



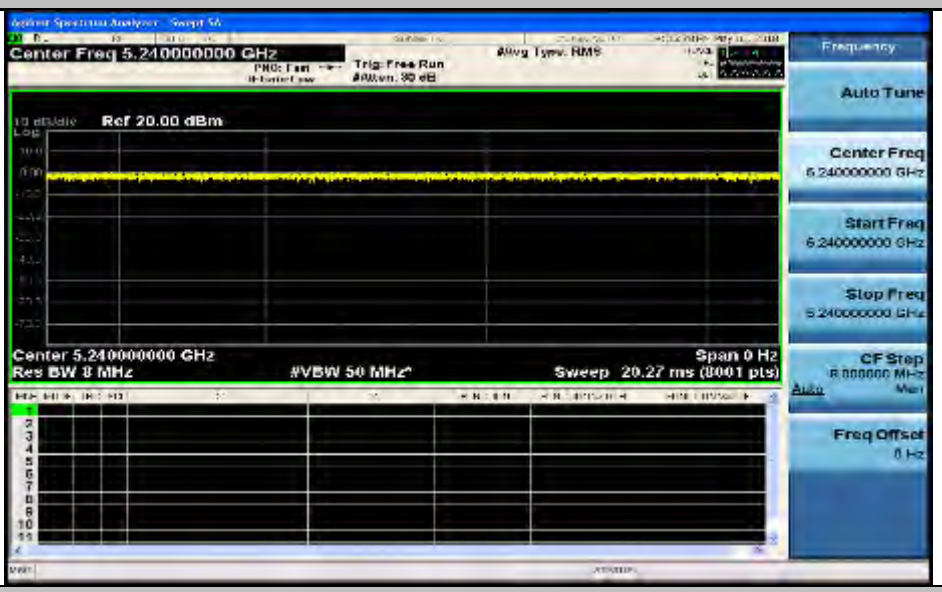
Duty Cycle_11AC20_5180_Ant0



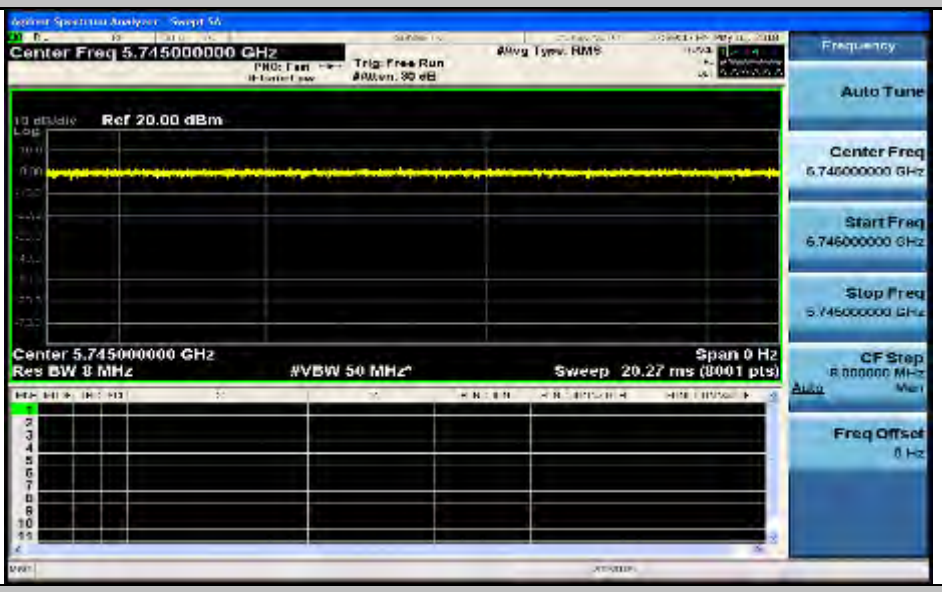
Duty Cycle_11AC20_5220_Ant0



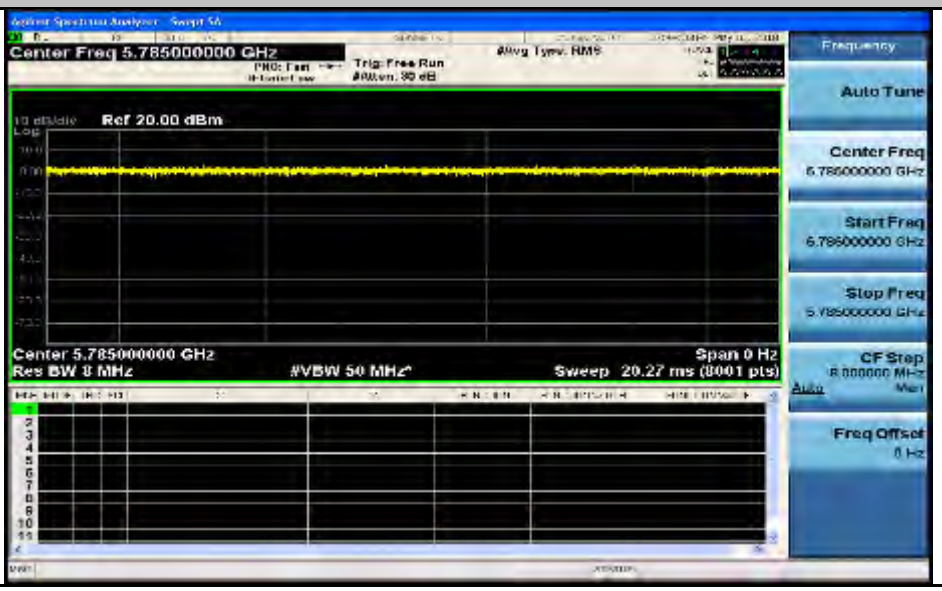
Duty Cycle_11AC20_5240_Ant0



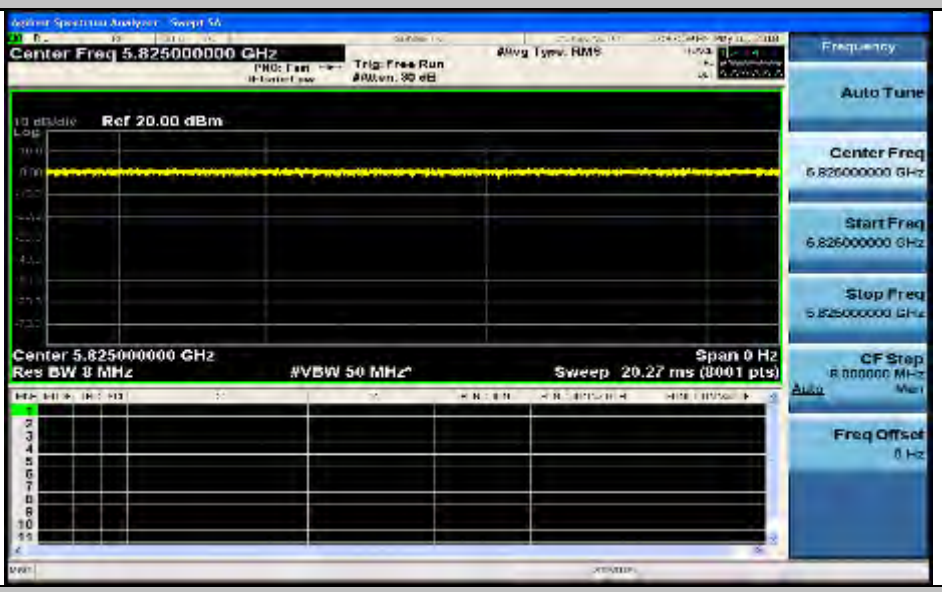
Duty Cycle_11AC20_5745_Ant0



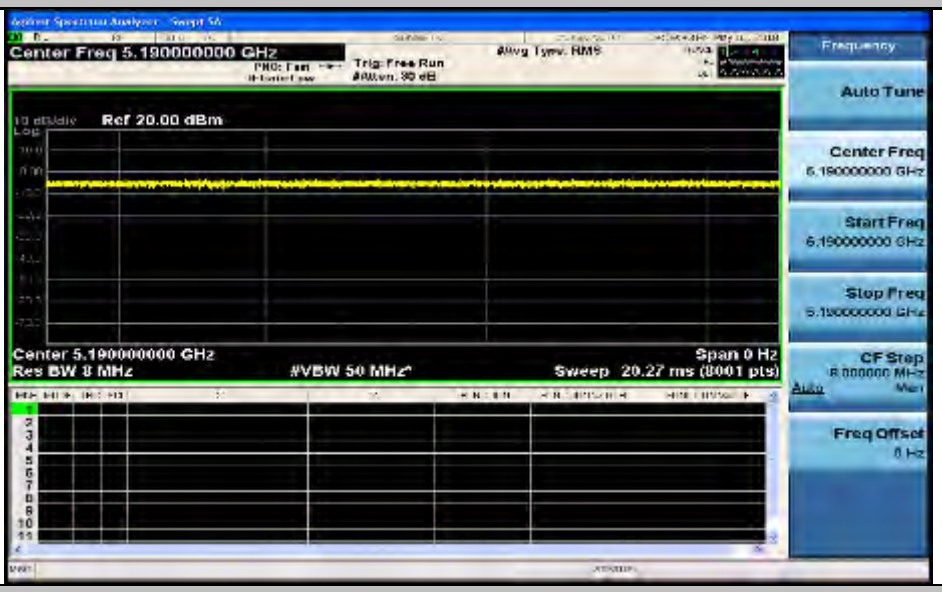
Duty Cycle_11AC20_5785_Ant0



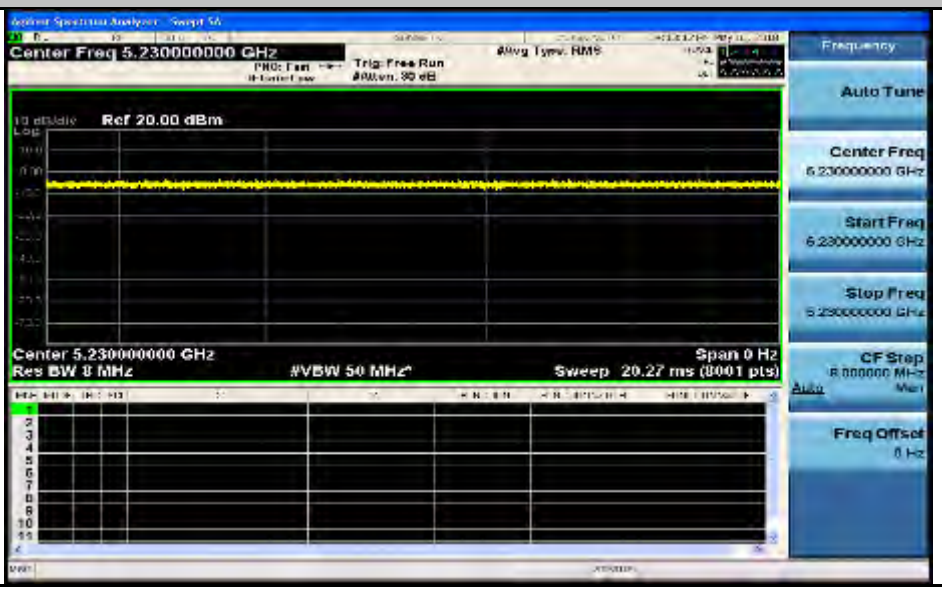
Duty Cycle_11AC20_5825_Ant0



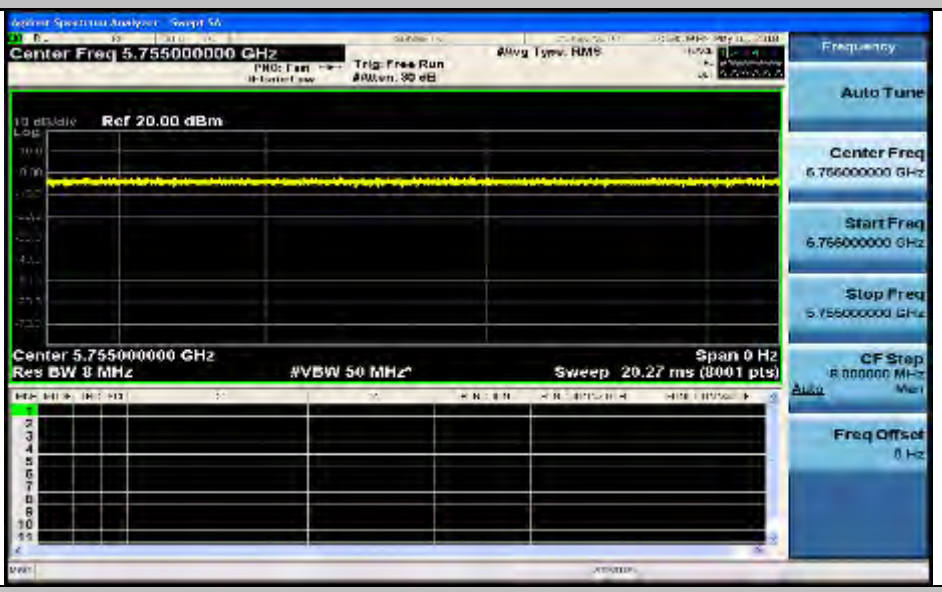
Duty Cycle_11AC40_5190_Ant0



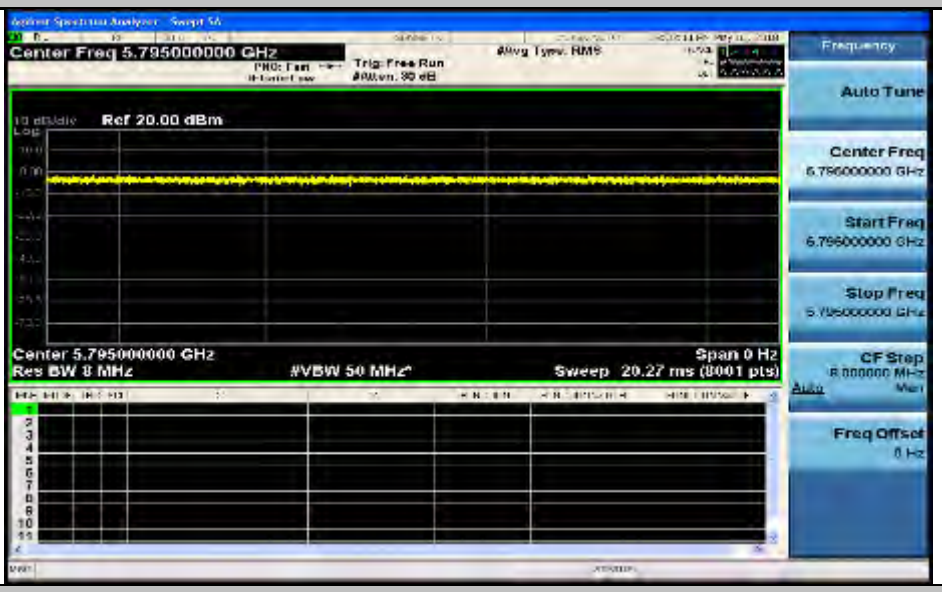
Duty Cycle_11AC40_5230_Ant0



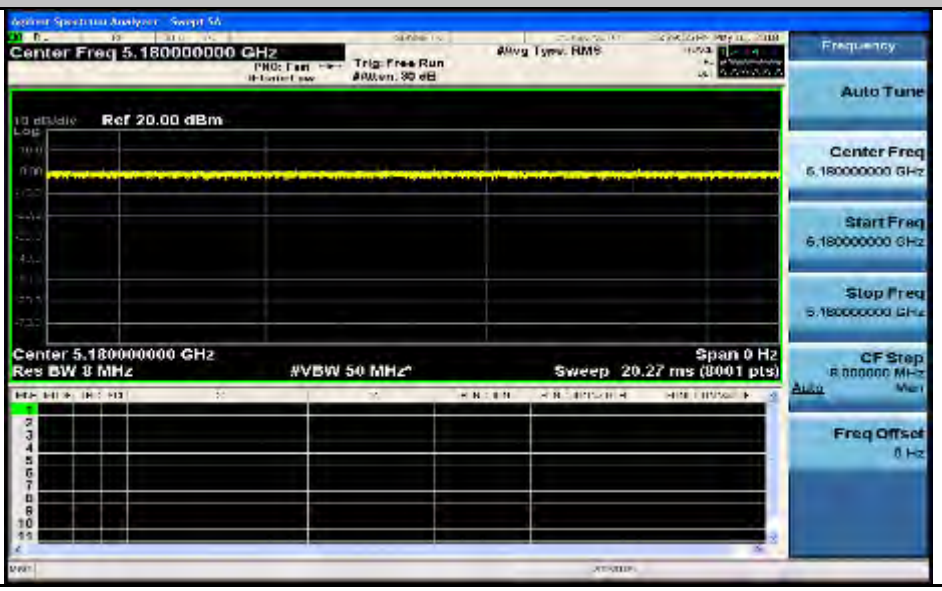
Duty Cycle_11AC40_5755_Ant0



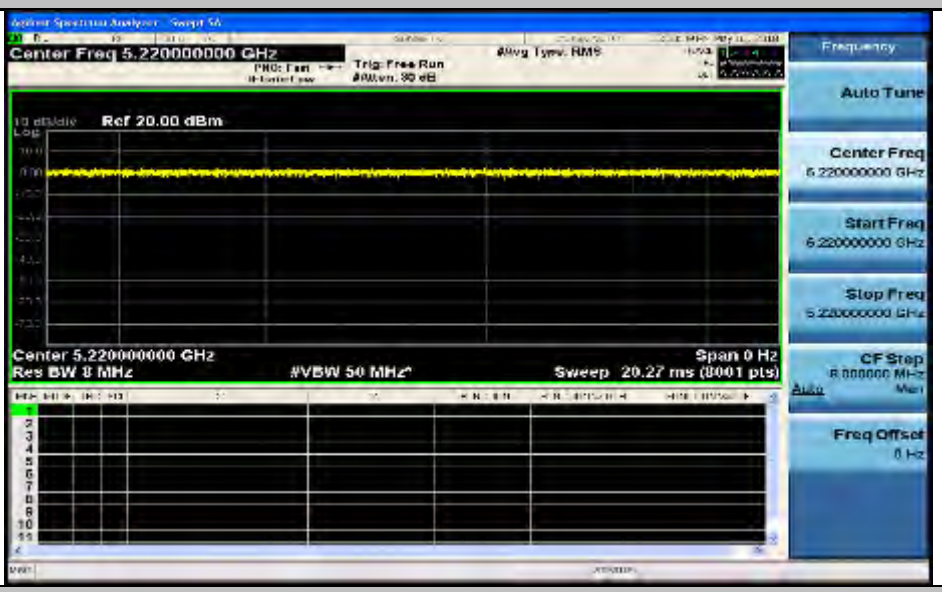
Duty Cycle_11AC40_5795_Ant0



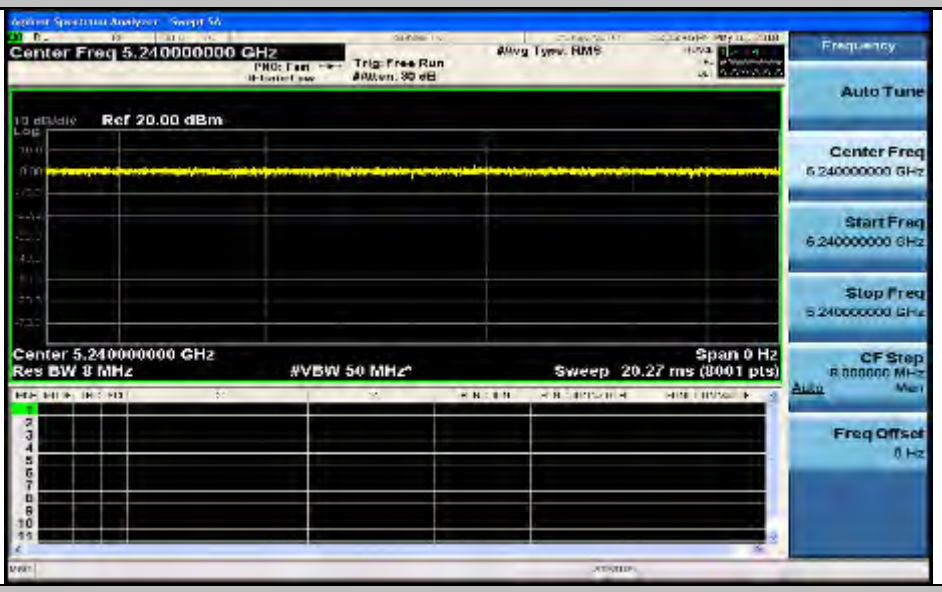
Duty Cycle_11A_5180_Ant1



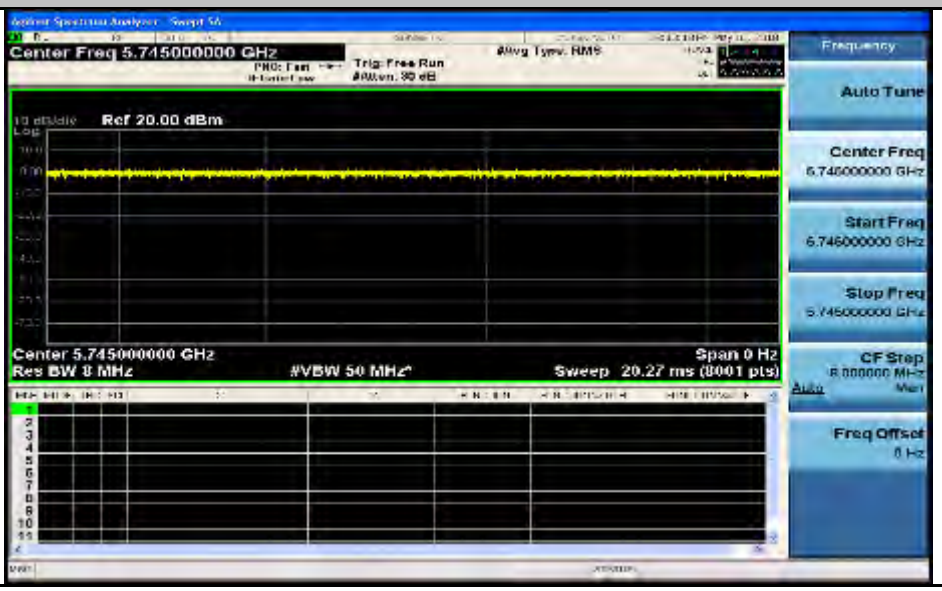
Duty Cycle_11A_5220_Ant1



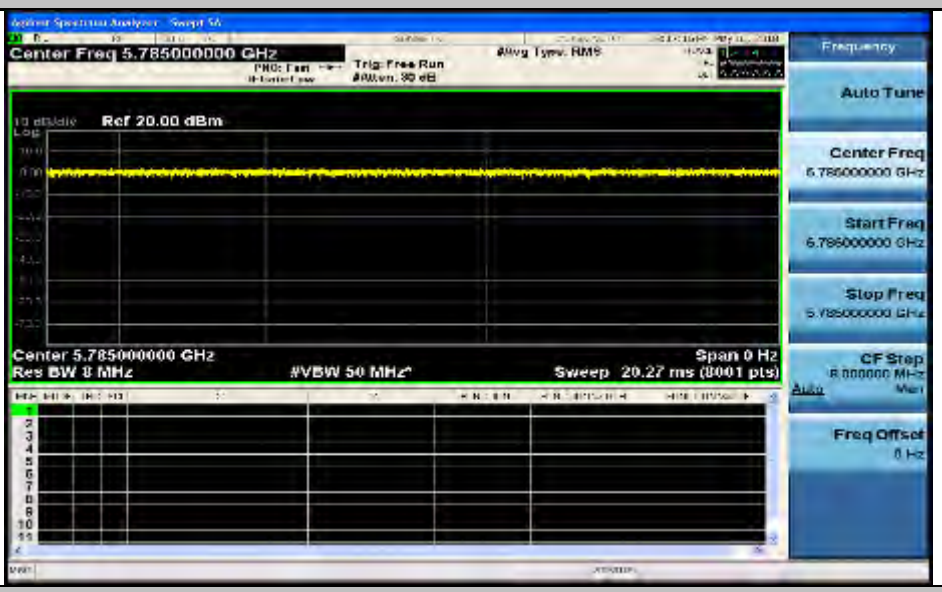
Duty Cycle_11A_5240_Ant1



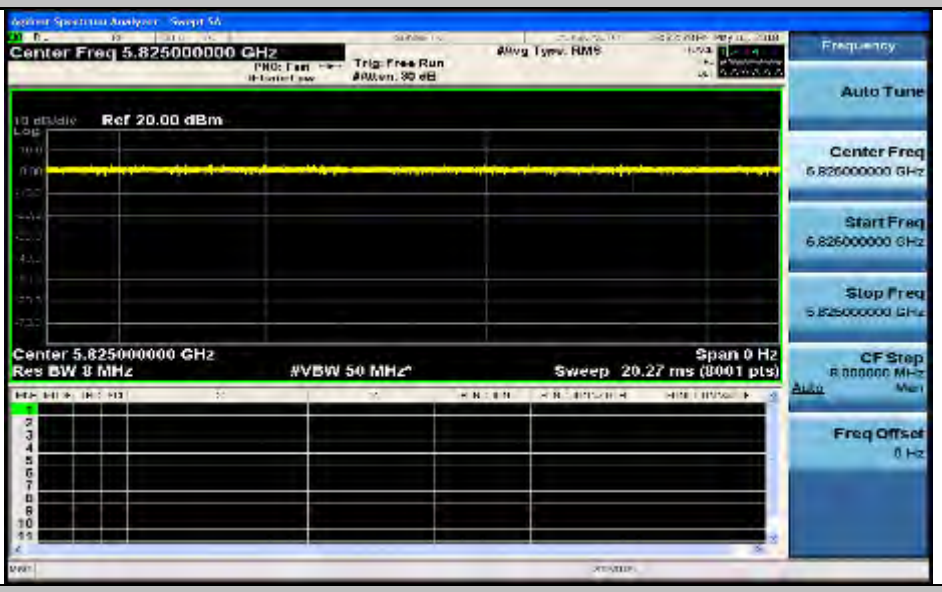
Duty Cycle_11A_5745_Ant1



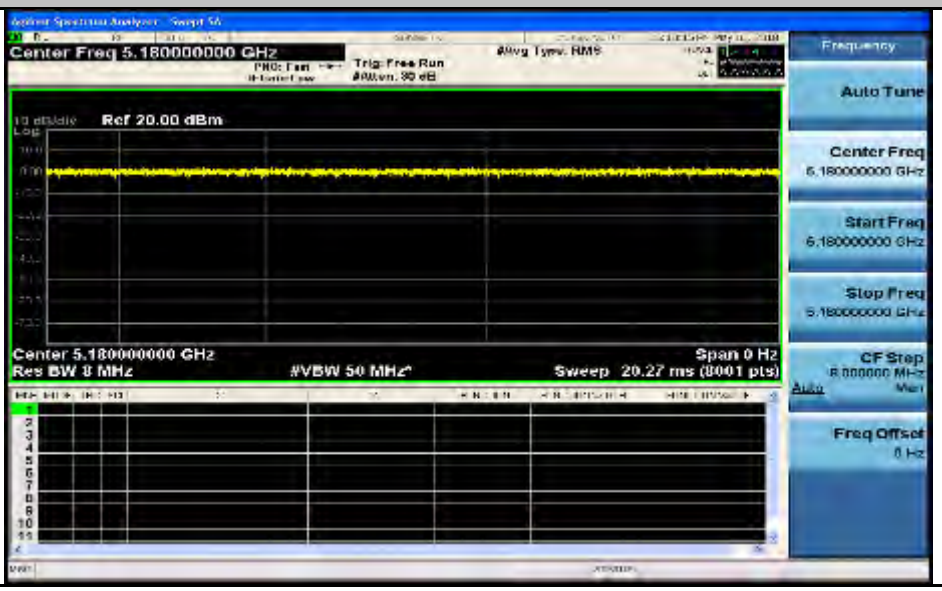
Duty Cycle_11A_5785_Ant1



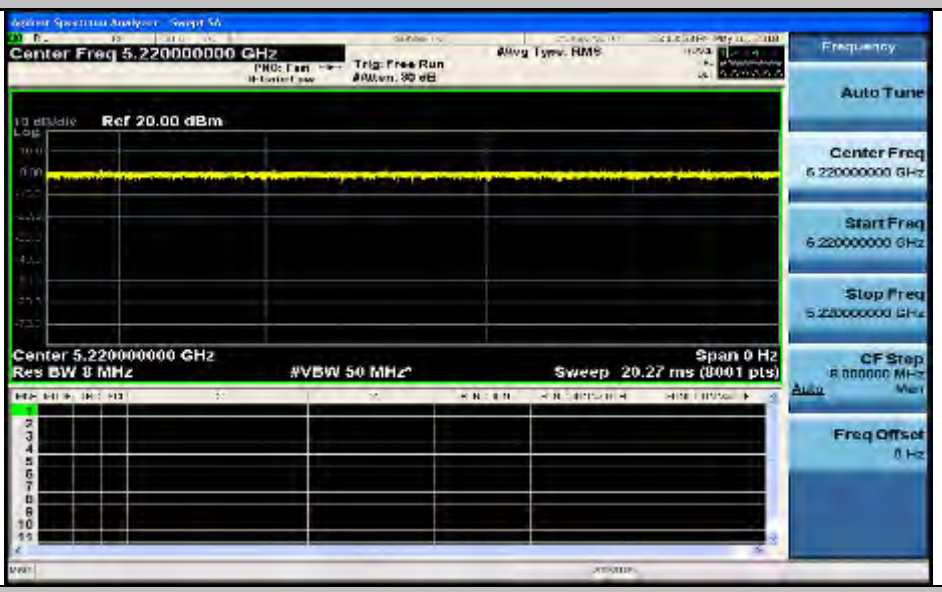
Duty Cycle_11A_5825_Ant1



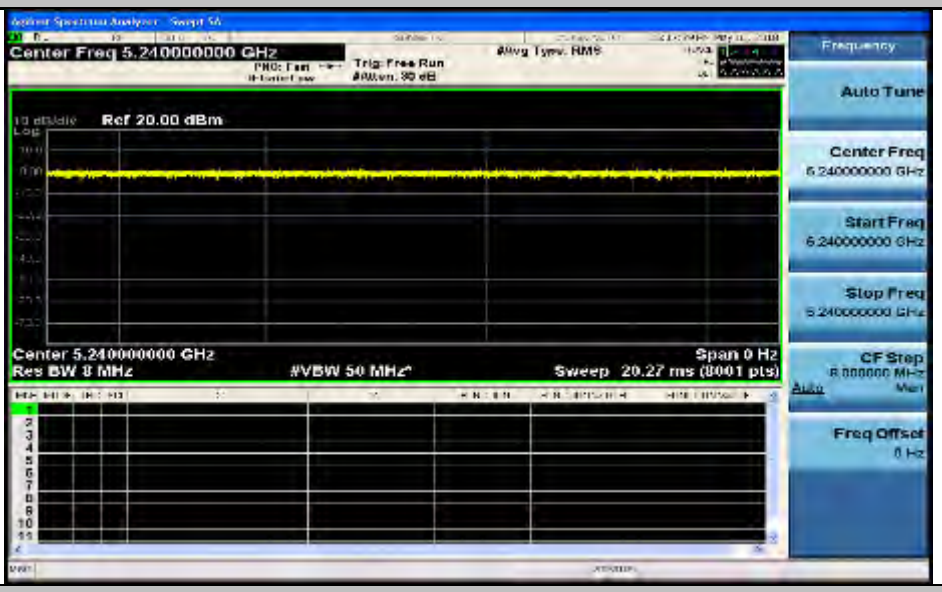
Duty Cycle_11N20_5180_Ant1



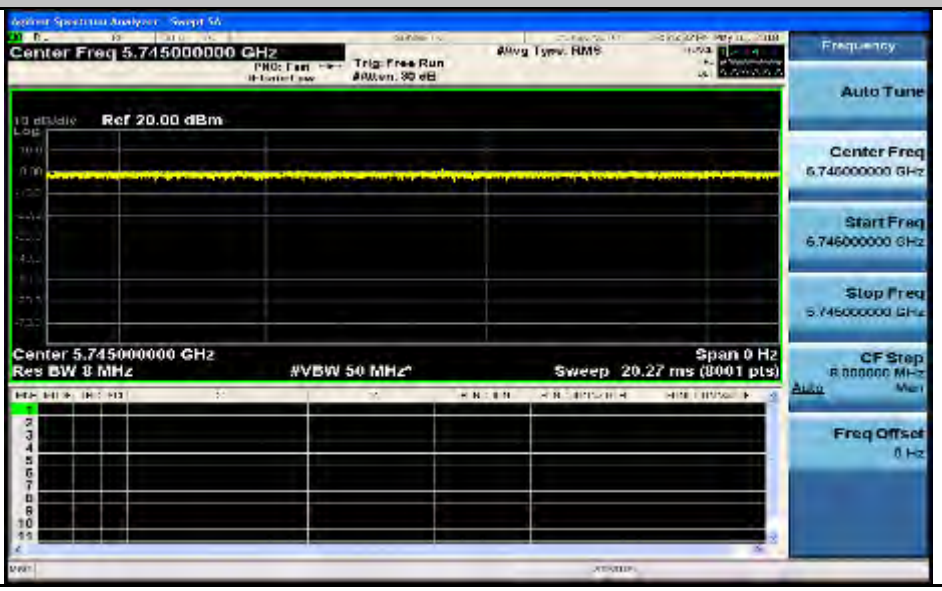
Duty Cycle_11N20_5220_Ant1



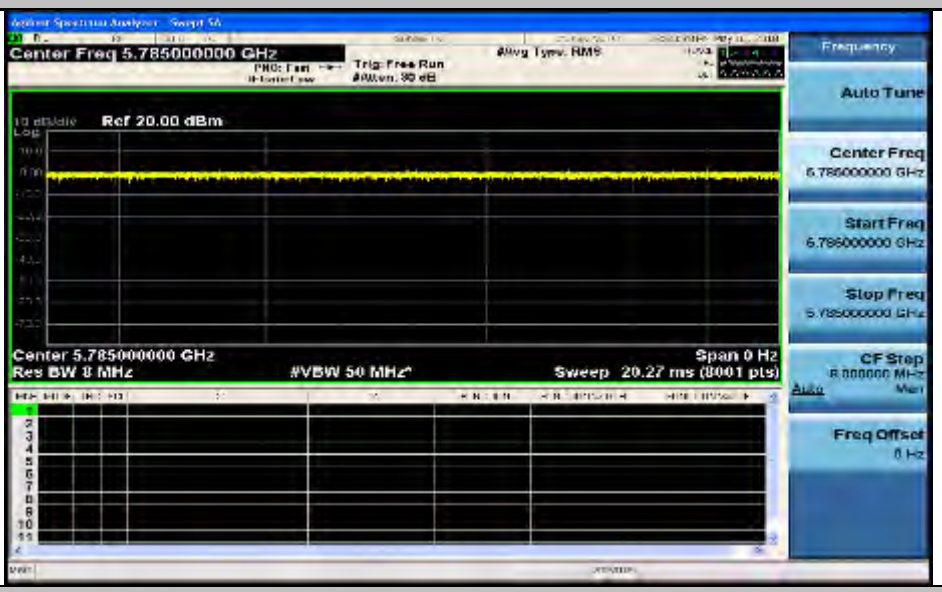
Duty Cycle_11N20_5240_Ant1



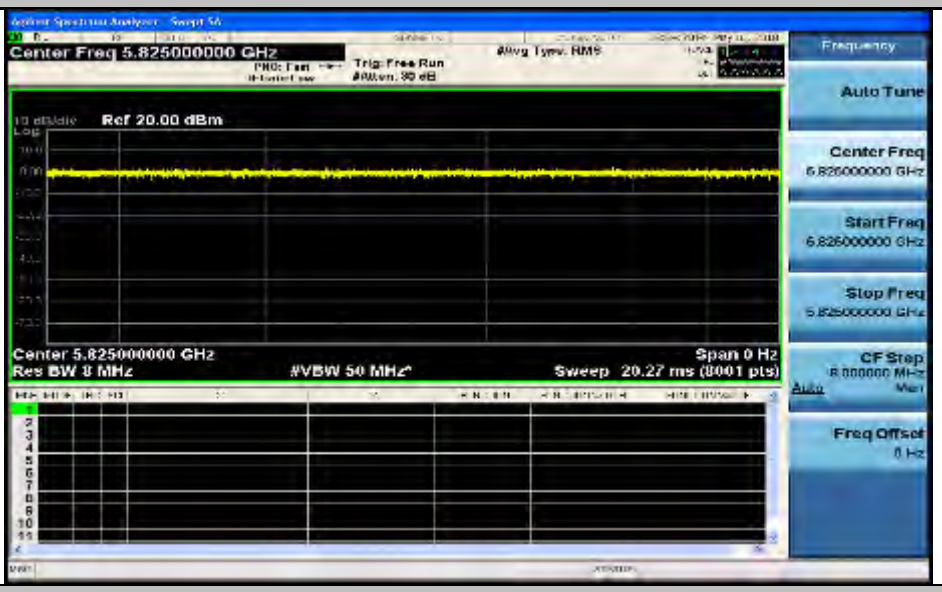
Duty Cycle_11N20_5745_Ant1



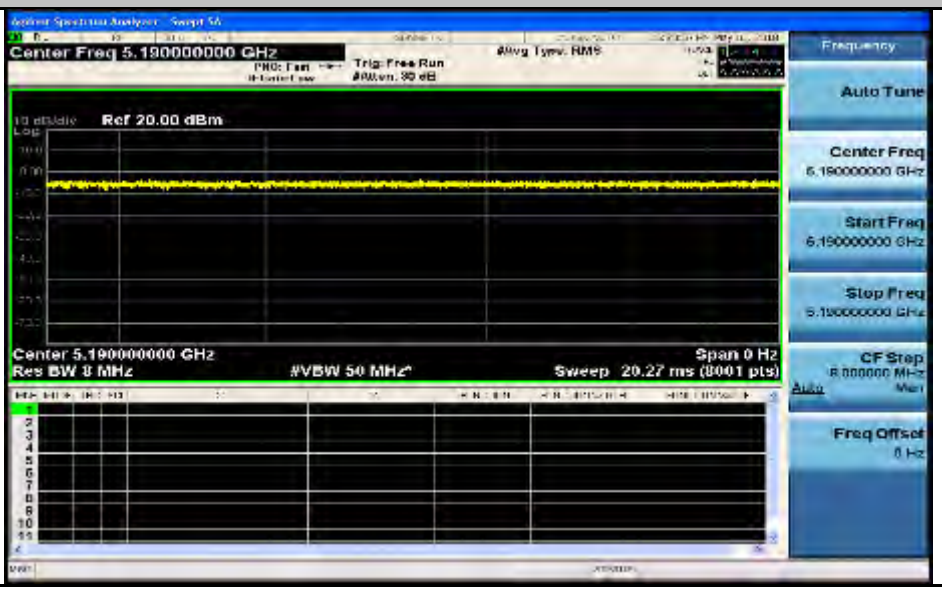
Duty Cycle_11N20_5785_Ant1



Duty Cycle_11N20_5825_Ant1



Duty Cycle_11N40_5190_Ant1



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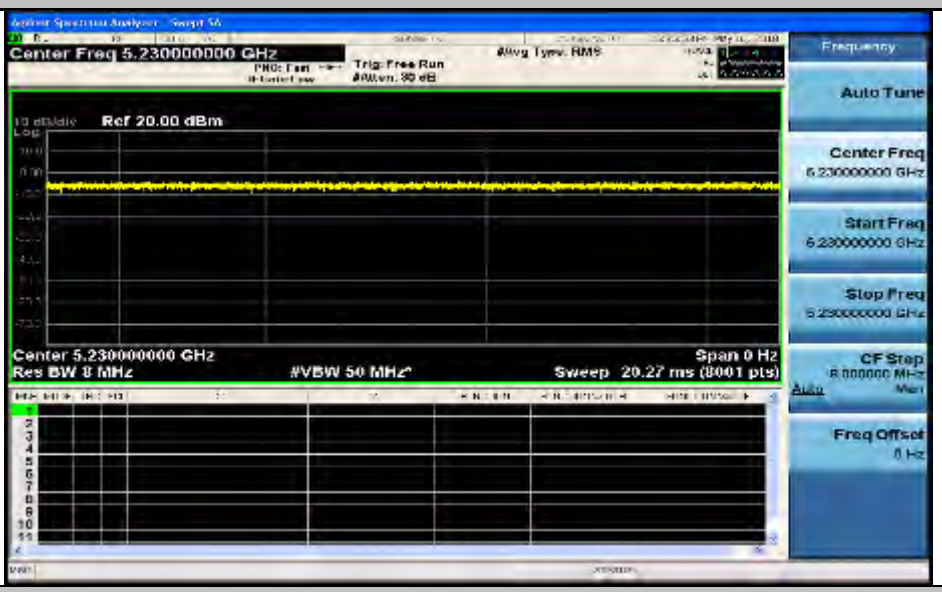
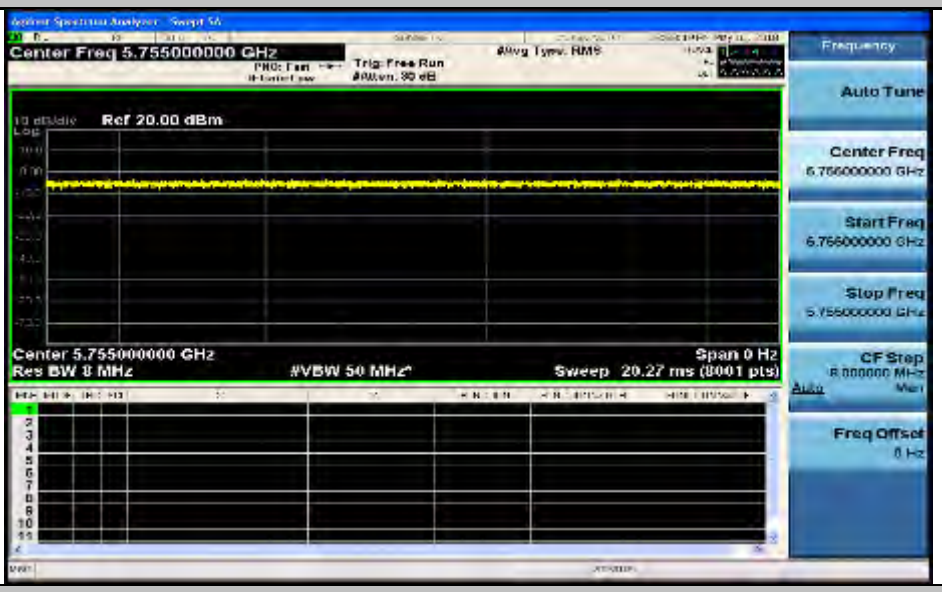


Duty Cycle_11N40_5755_Ant1



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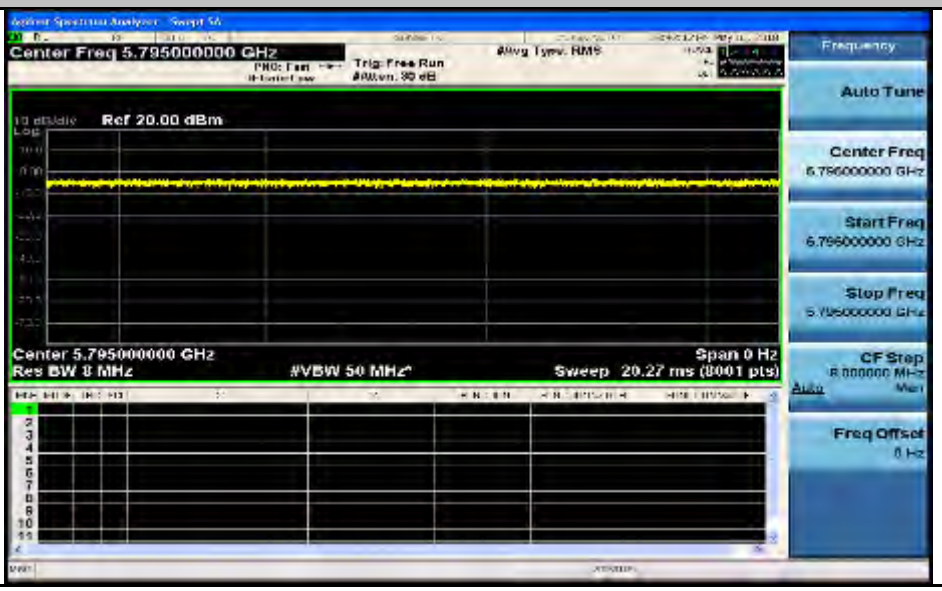
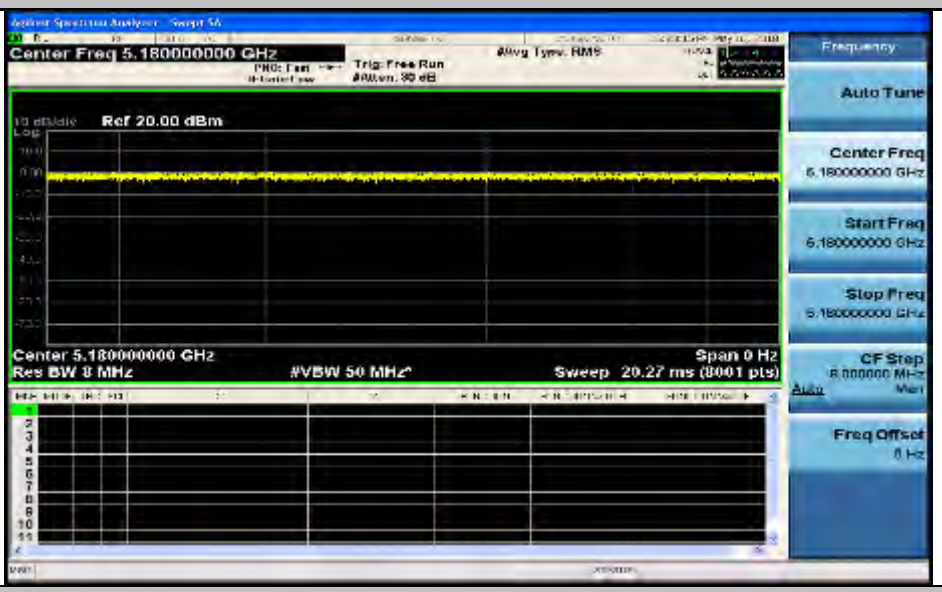


Duty Cycle_11AC20_5180_Ant1



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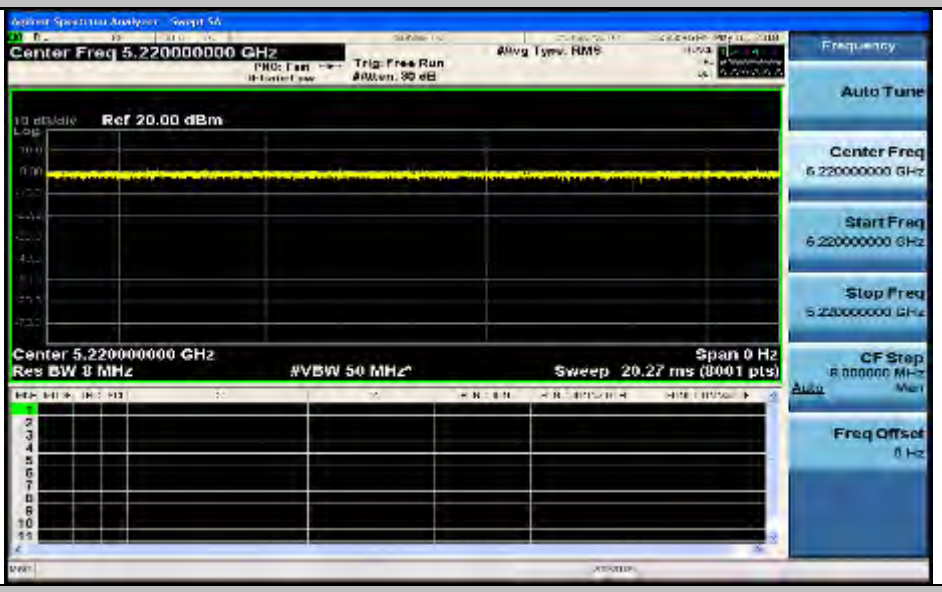

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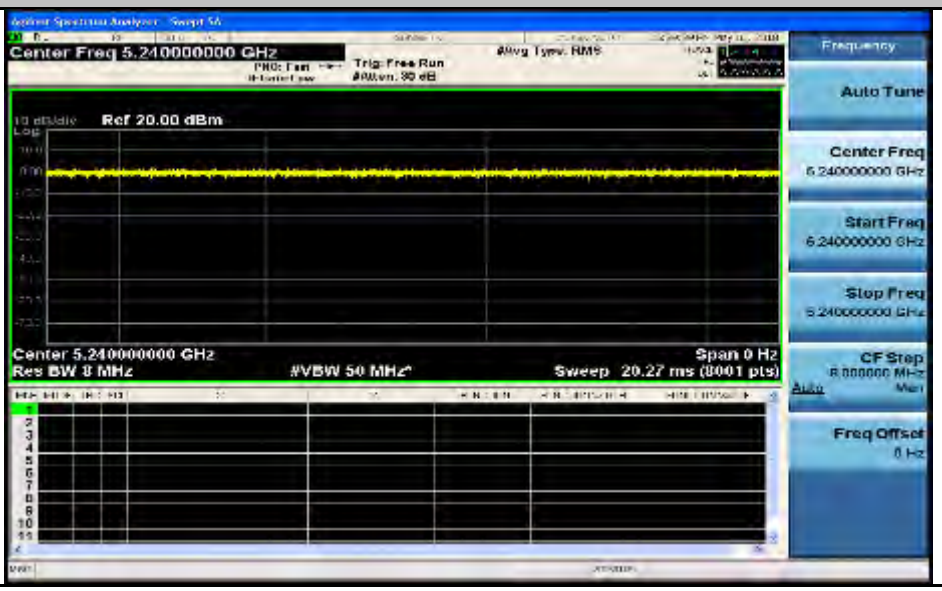

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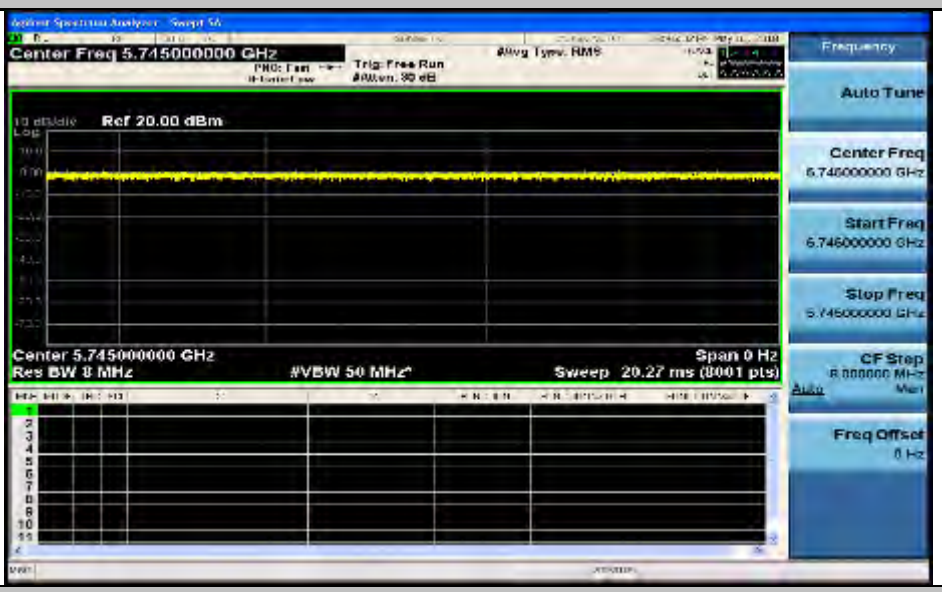

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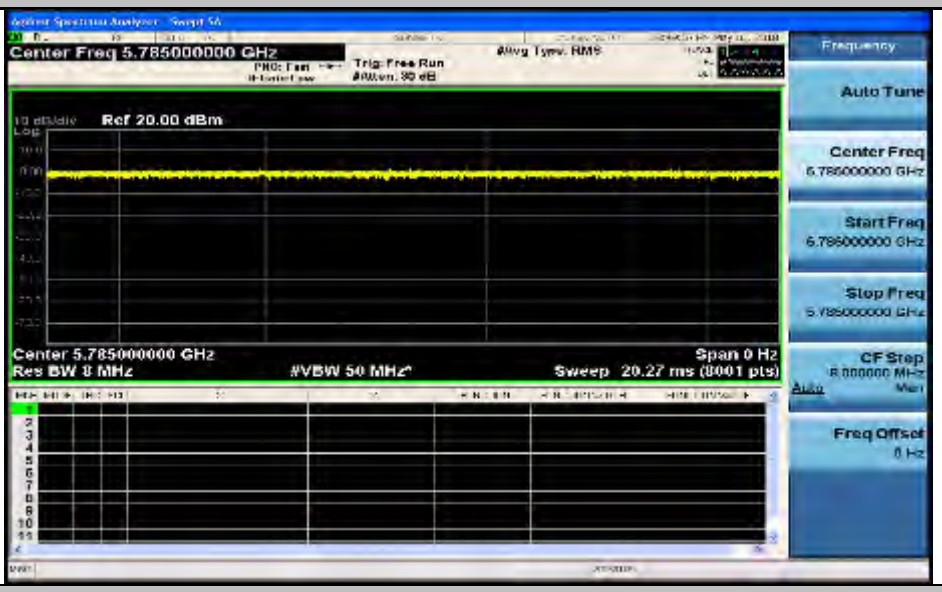

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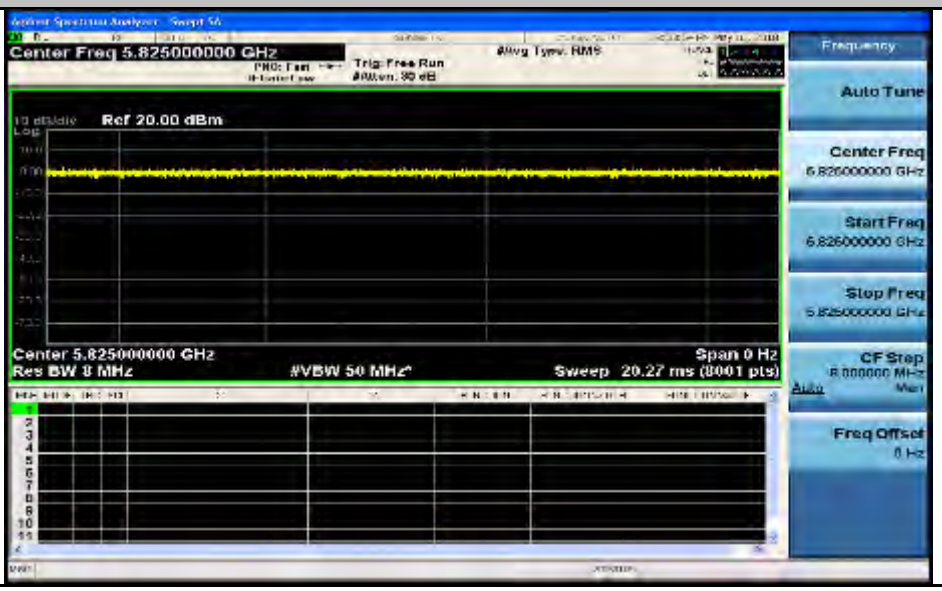
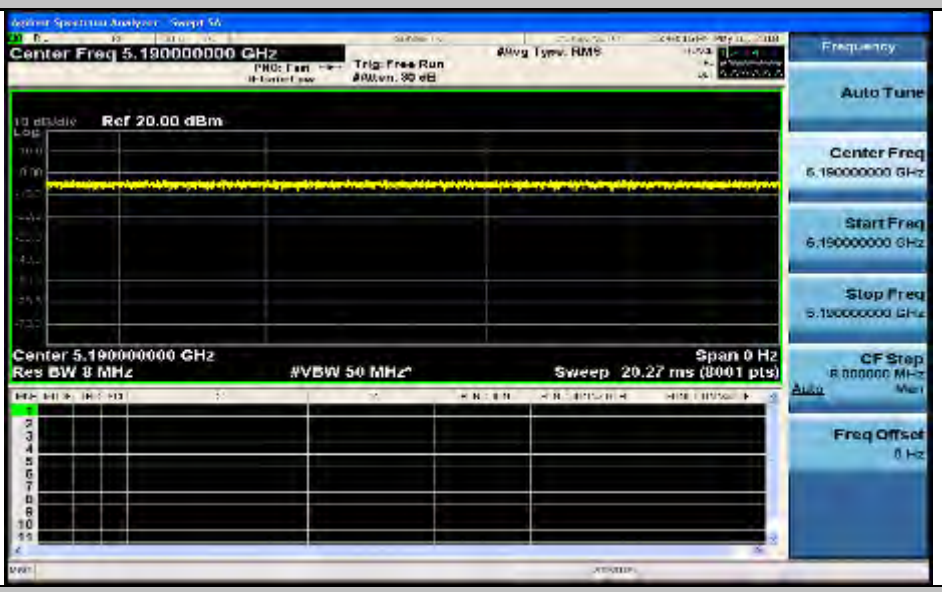
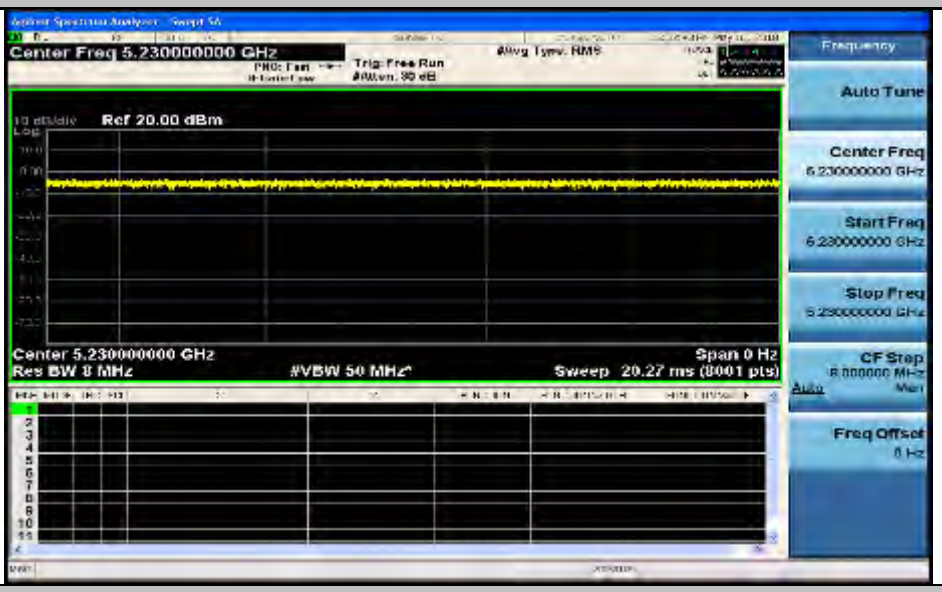


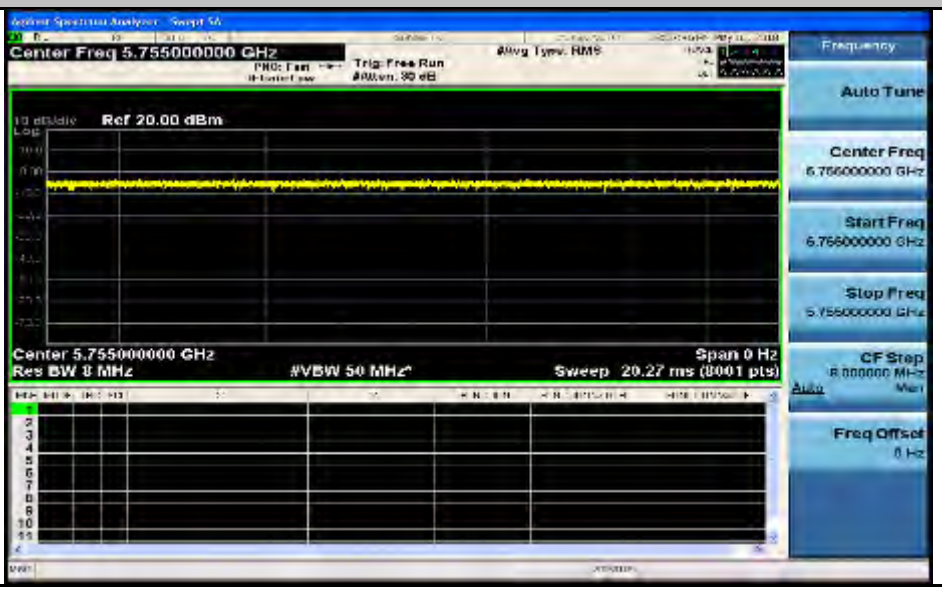
Duty Cycle_11AC40_5190_Ant1



Duty Cycle_11AC40_5230_Ant1



Duty Cycle_11AC40_5755_Ant1



Duty Cycle_11AC40_5795_Ant1