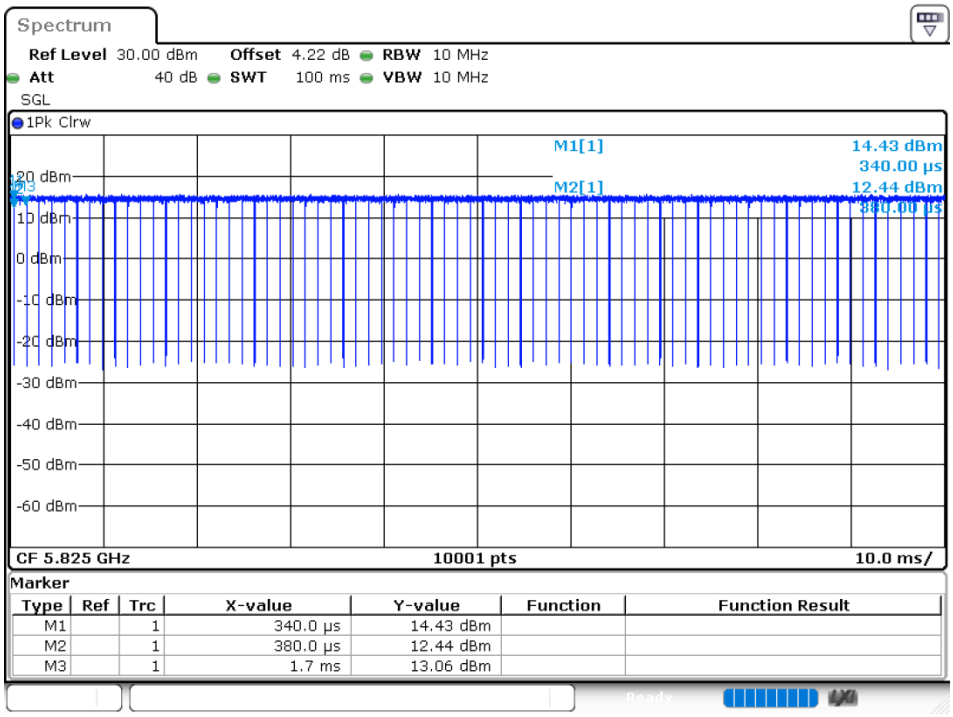
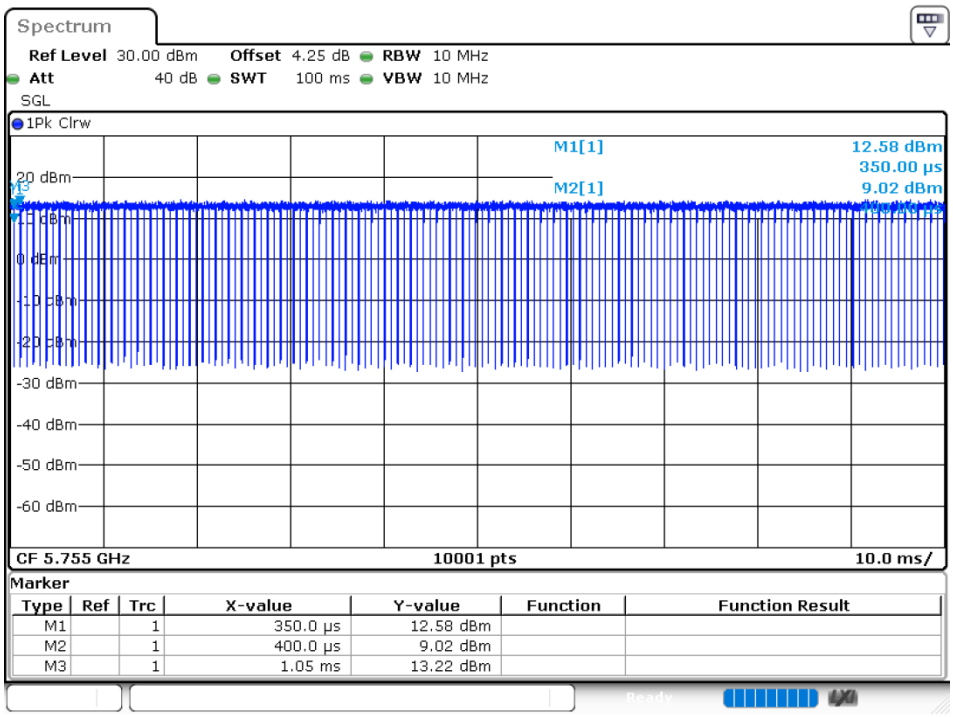
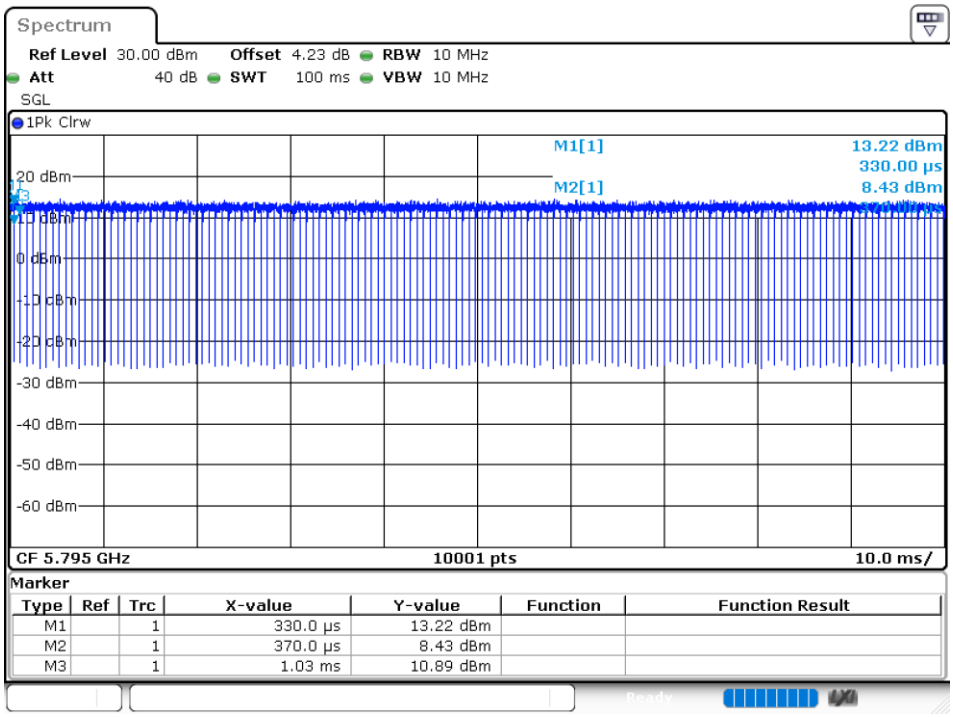
Duty Cycle NVNT ac20 5825MHz Ant1



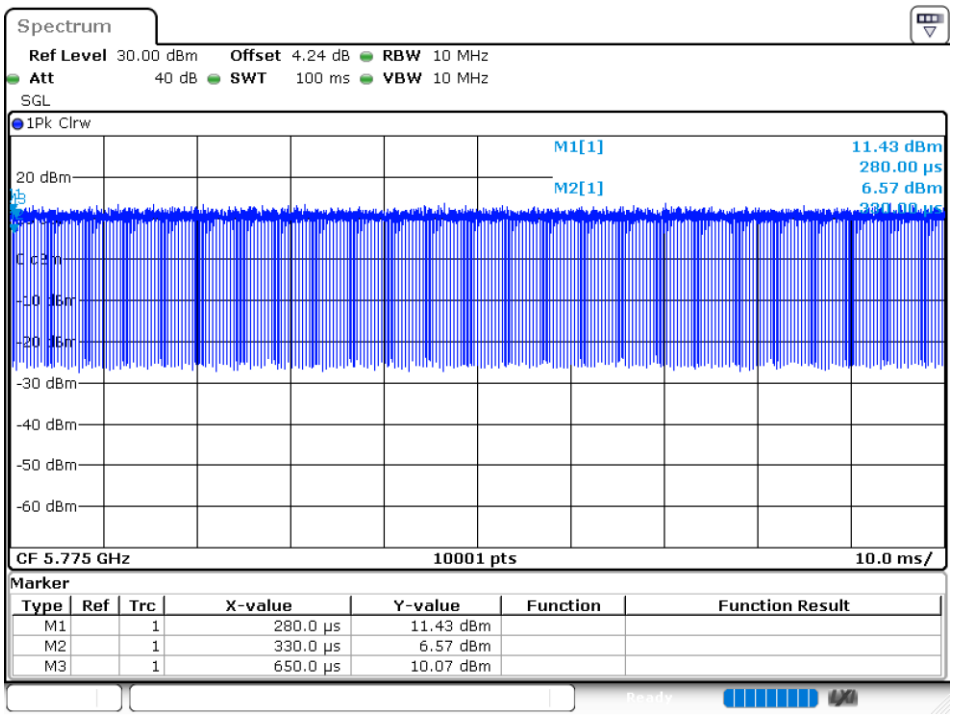
Duty Cycle NVNT ac40 5755MHz Ant1



Duty Cycle NVNT ac40 5795MHz Ant1



Duty Cycle NVNT ac80 5775MHz Ant1



Maximum Conducted Output Power

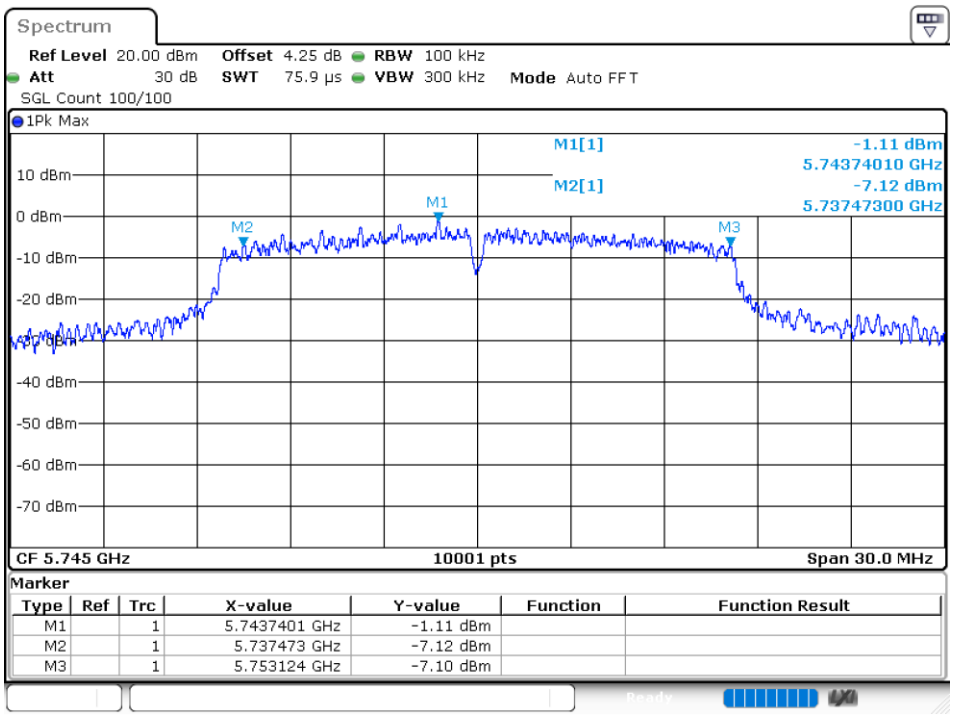
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	10.49	0	10.49	30	Pass
NVNT	a	5785	Ant1	11.8	0	11.8	30	Pass
NVNT	a	5825	Ant1	11.75	0	11.75	30	Pass
NVNT	n20	5745	Ant1	10.35	0	10.35	30	Pass
NVNT	n20	5785	Ant1	11.8	0	11.8	30	Pass
NVNT	n20	5825	Ant1	11.72	0	11.72	30	Pass
NVNT	n40	5755	Ant1	11.11	0	11.11	30	Pass
NVNT	n40	5795	Ant1	11.42	0	11.42	30	Pass
NVNT	ac20	5745	Ant1	10.23	0	10.23	30	Pass
NVNT	ac20	5785	Ant1	11.81	0	11.81	30	Pass
NVNT	ac20	5825	Ant1	11.71	0	11.71	30	Pass
NVNT	ac40	5755	Ant1	11.17	0	11.17	30	Pass
NVNT	ac40	5795	Ant1	11.49	0	11.49	30	Pass
NVNT	ac80	5775	Ant1	11.92	0	11.92	30	Pass

-6dB Bandwidth

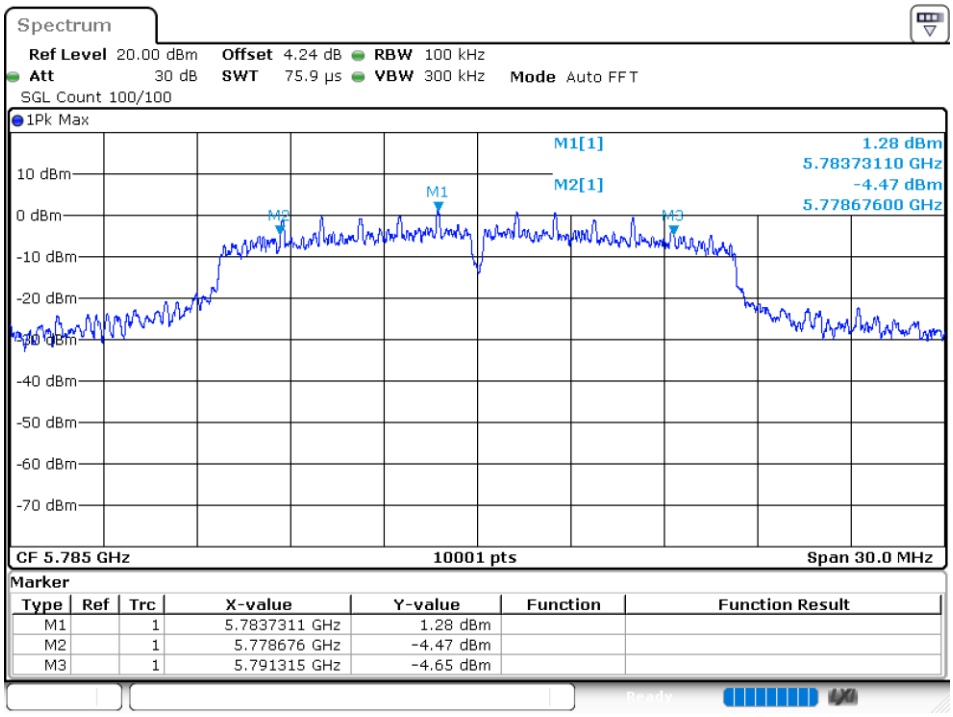
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	a	5745	Ant1	15.651	0.5	Pass
NVNT	a	5785	Ant1	12.639	0.5	Pass
NVNT	a	5825	Ant1	16.335	0.5	Pass
NVNT	n20	5745	Ant1	11.352	0.5	Pass
NVNT	n20	5785	Ant1	16.263	0.5	Pass
NVNT	n20	5825	Ant1	13.794	0.5	Pass
NVNT	n40	5755	Ant1	32.52	0.5	Pass
NVNT	n40	5795	Ant1	35.046	0.5	Pass
NVNT	ac20	5745	Ant1	12.639	0.5	Pass
NVNT	ac20	5785	Ant1	11.343	0.5	Pass
NVNT	ac20	5825	Ant1	15.237	0.5	Pass
NVNT	ac40	5755	Ant1	33.828	0.5	Pass
NVNT	ac40	5795	Ant1	35.112	0.5	Pass
NVNT	ac80	5775	Ant1	75.072	0.5	Pass

Test Graphs

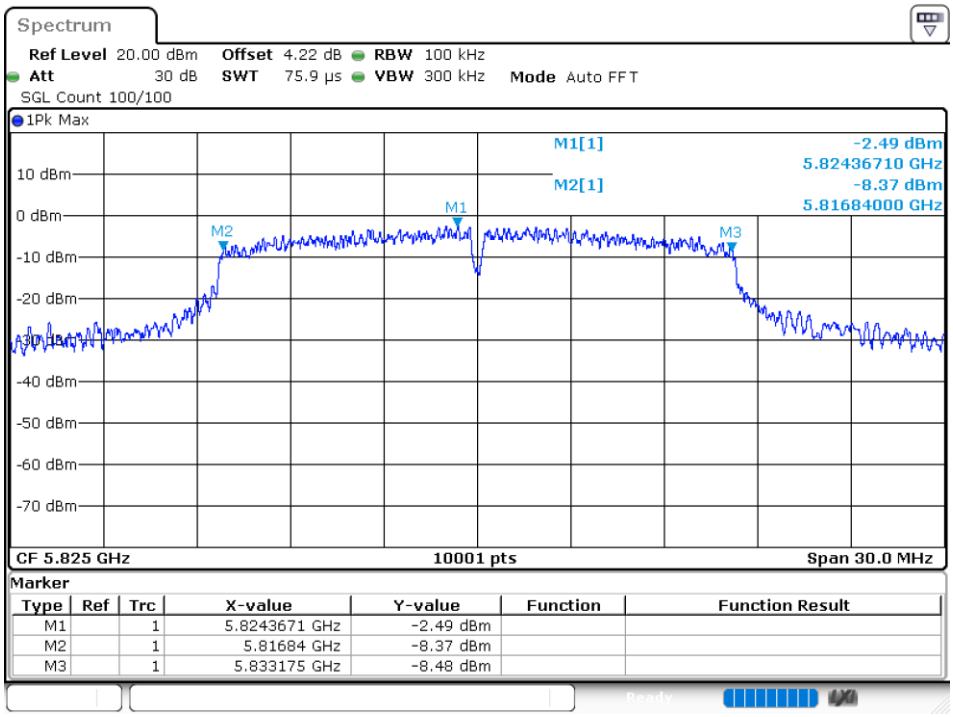
-6dB Bandwidth NVNT a 5745MHz Ant1



-6dB Bandwidth NVNT a 5785MHz Ant1



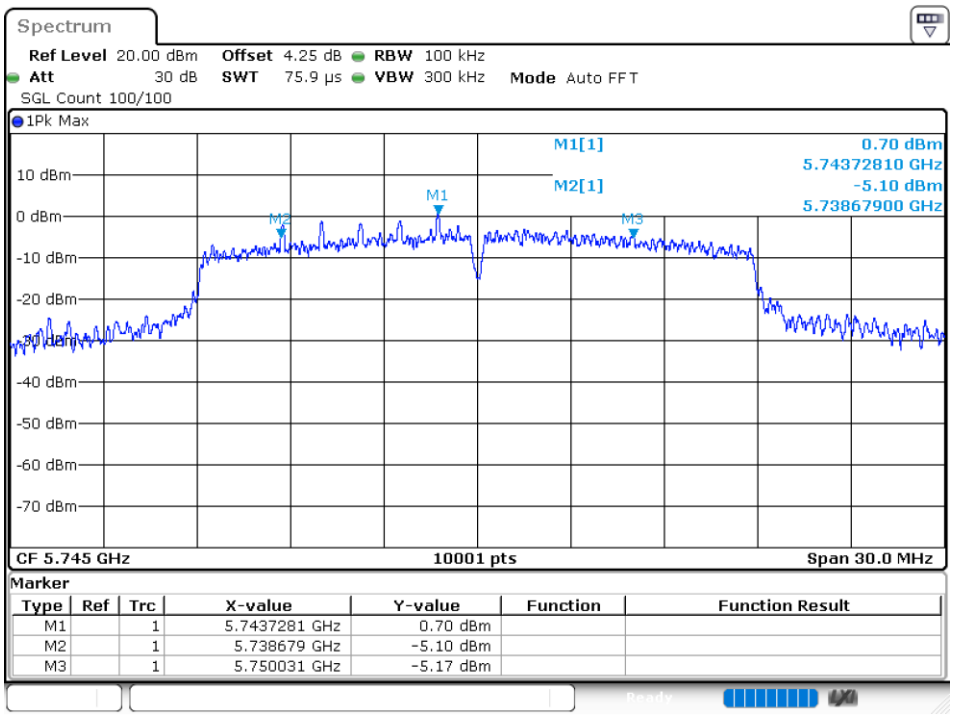
-6dB Bandwidth NVNT a 5825MHz Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8243671 GHz	-2.49 dBm		
M2		1	5.81684 GHz	-8.37 dBm		
M3		1	5.833175 GHz	-8.48 dBm		

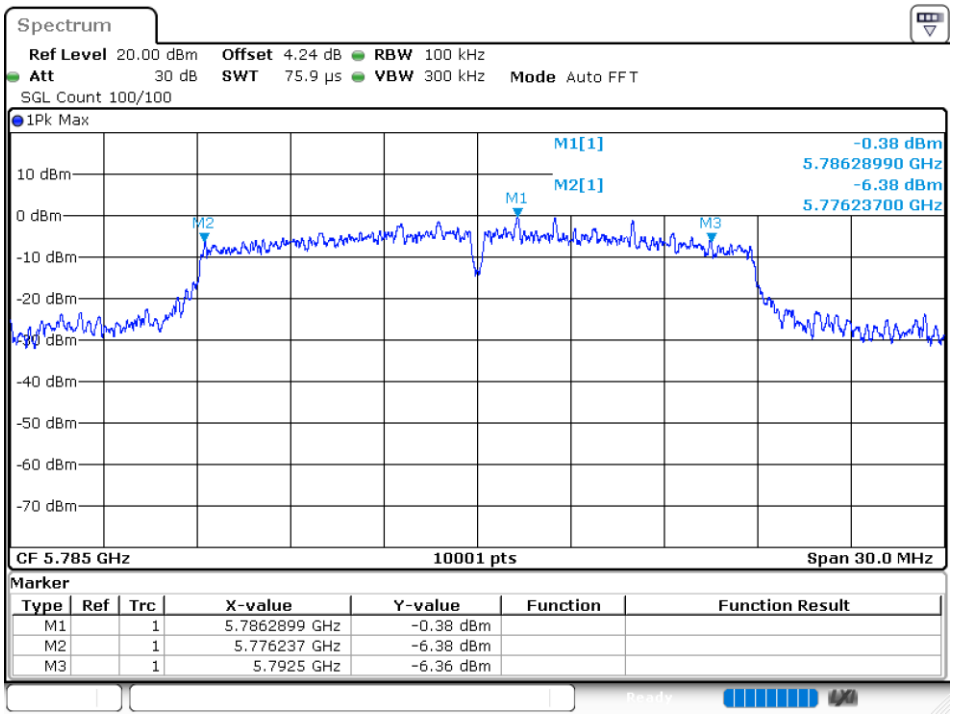
-6dB Bandwidth NVNT n20 5745MHz Ant1



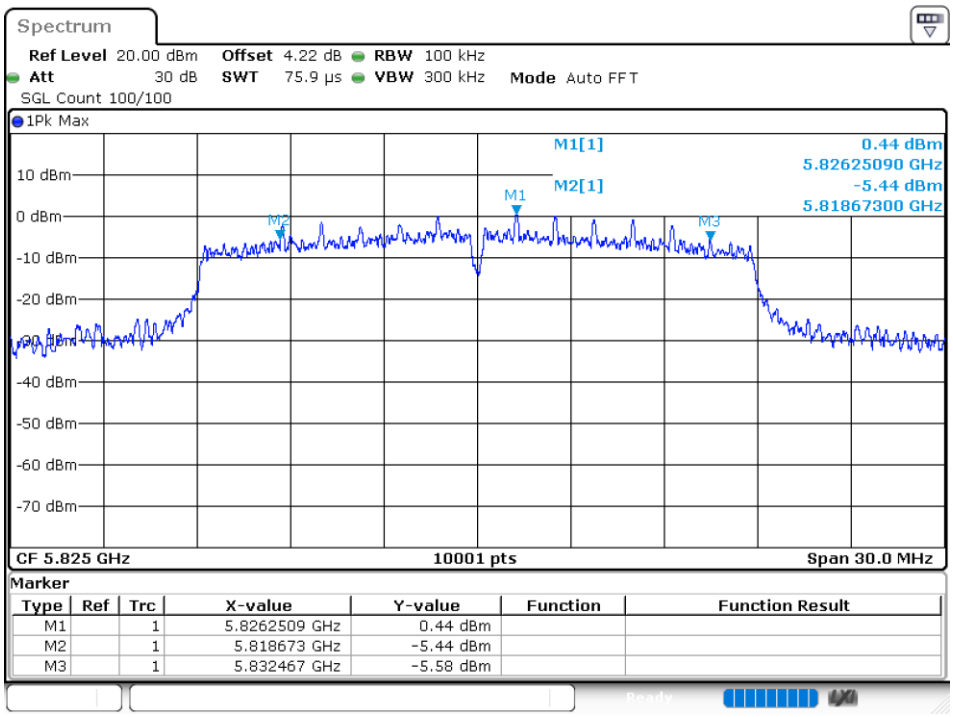
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7437281 GHz	0.70 dBm		
M2		1	5.738679 GHz	-5.10 dBm		
M3		1	5.750031 GHz	-5.17 dBm		

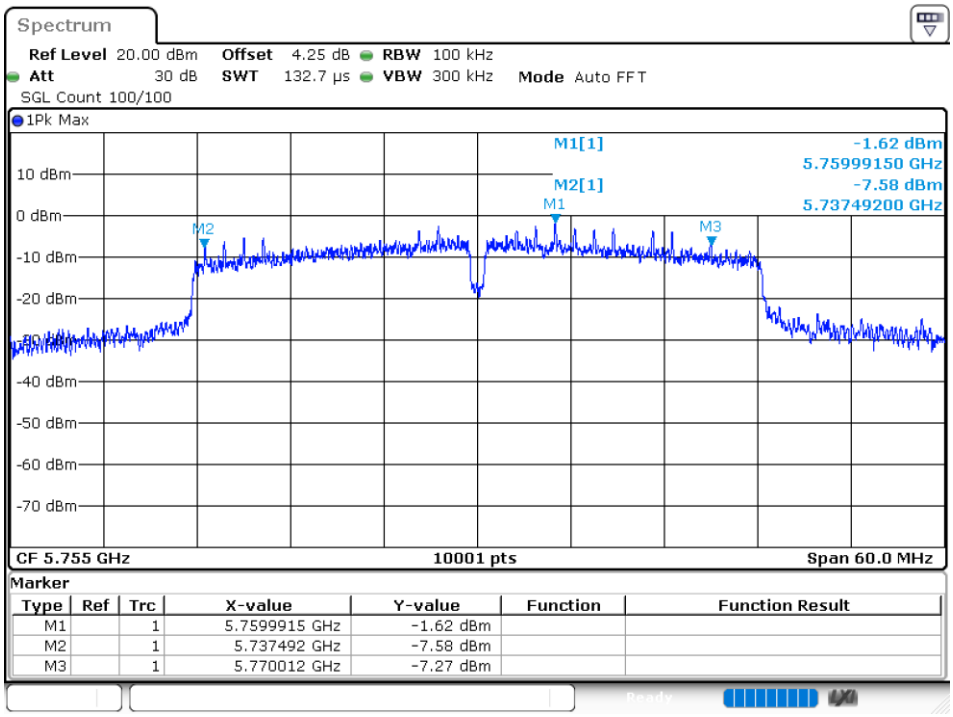
-6dB Bandwidth NVNT n20 5785MHz Ant1



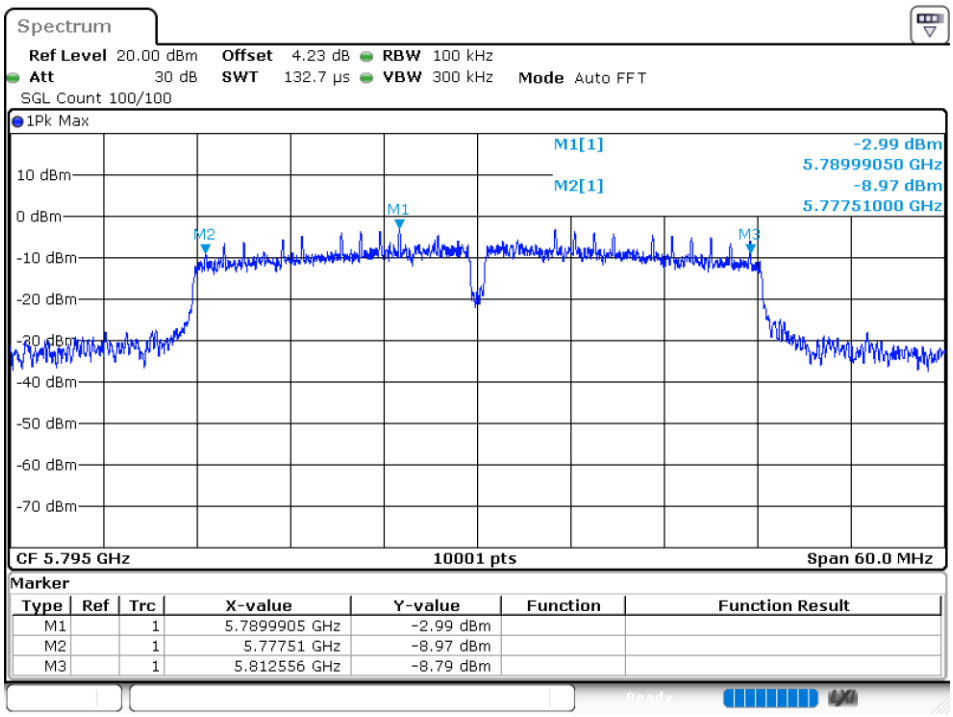
-6dB Bandwidth NVNT n20 5825MHz Ant1



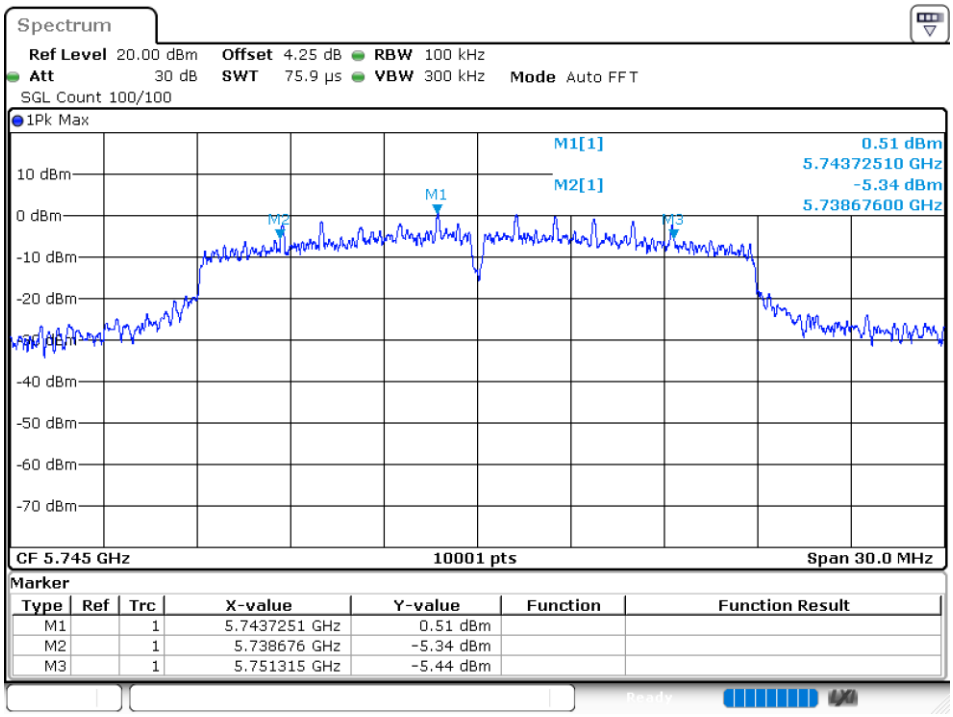
-6dB Bandwidth NVNT n40 5755MHz Ant1



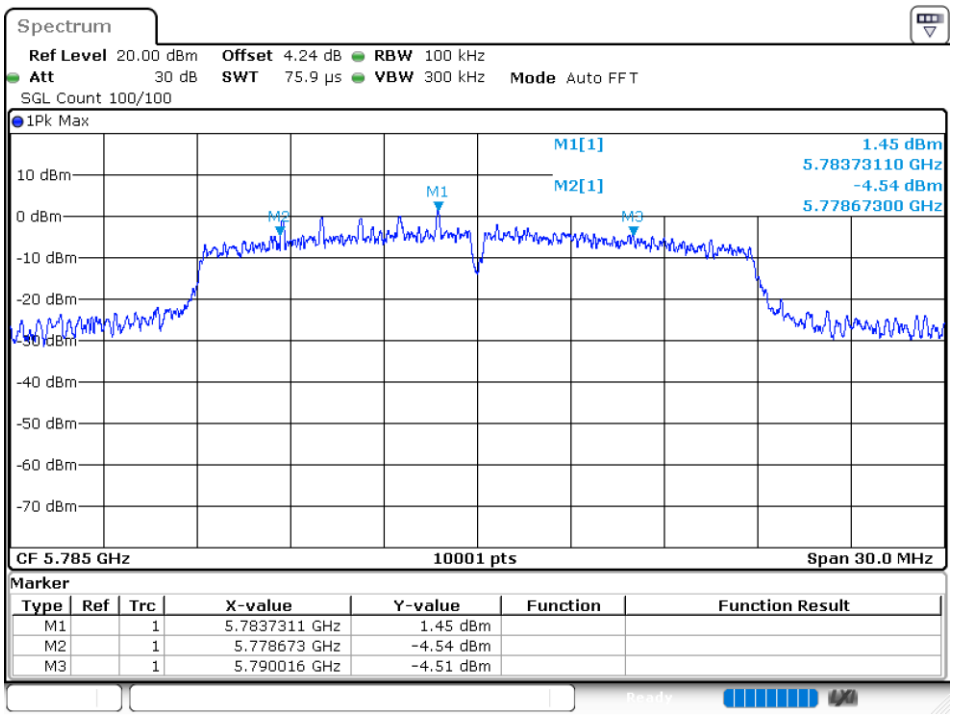
-6dB Bandwidth NVNT n40 5795MHz Ant1



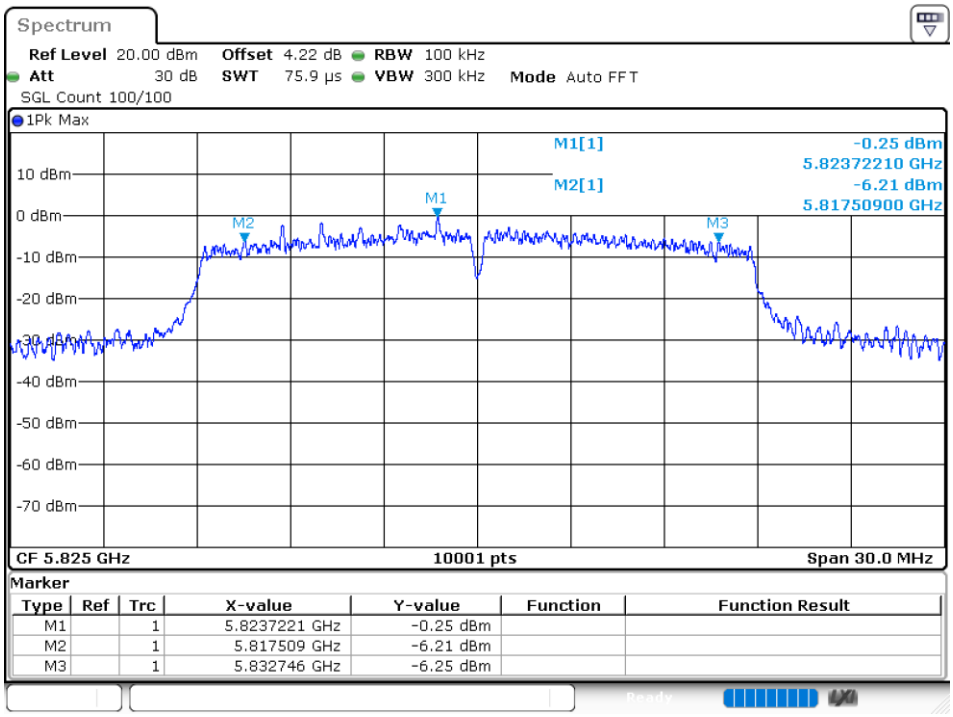
-6dB Bandwidth NVNT ac20 5745MHz Ant1



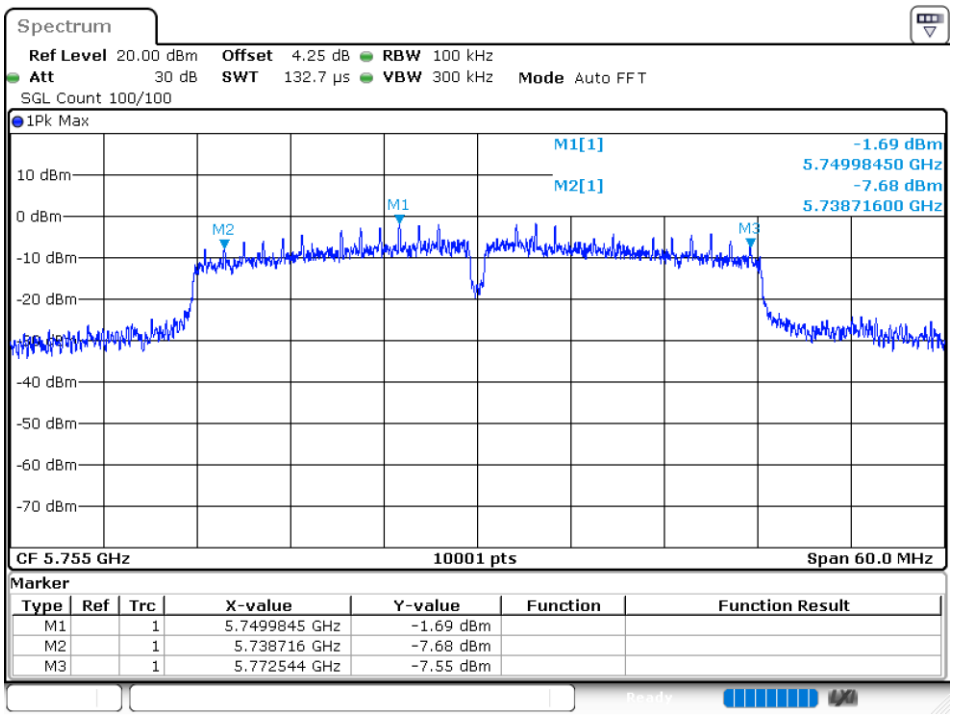
-6dB Bandwidth NVNT ac20 5785MHz Ant1



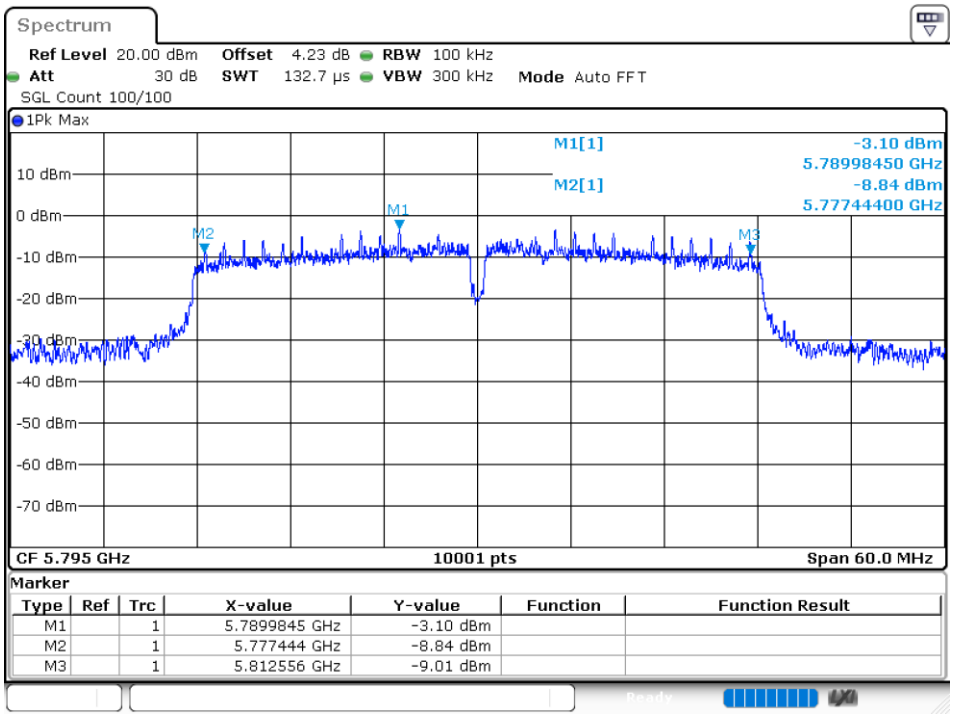
-6dB Bandwidth NVNT ac20 5825MHz Ant1



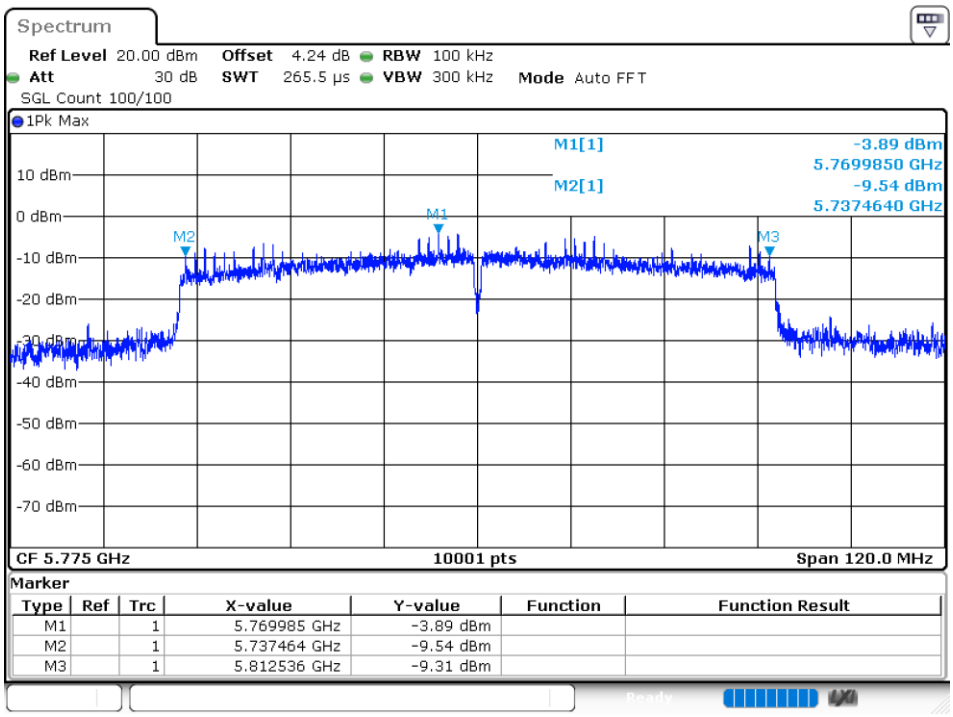
-6dB Bandwidth NVNT ac40 5755MHz Ant1



-6dB Bandwidth NVNT ac40 5795MHz Ant1



-6dB Bandwidth NVNT ac80 5775MHz Ant1

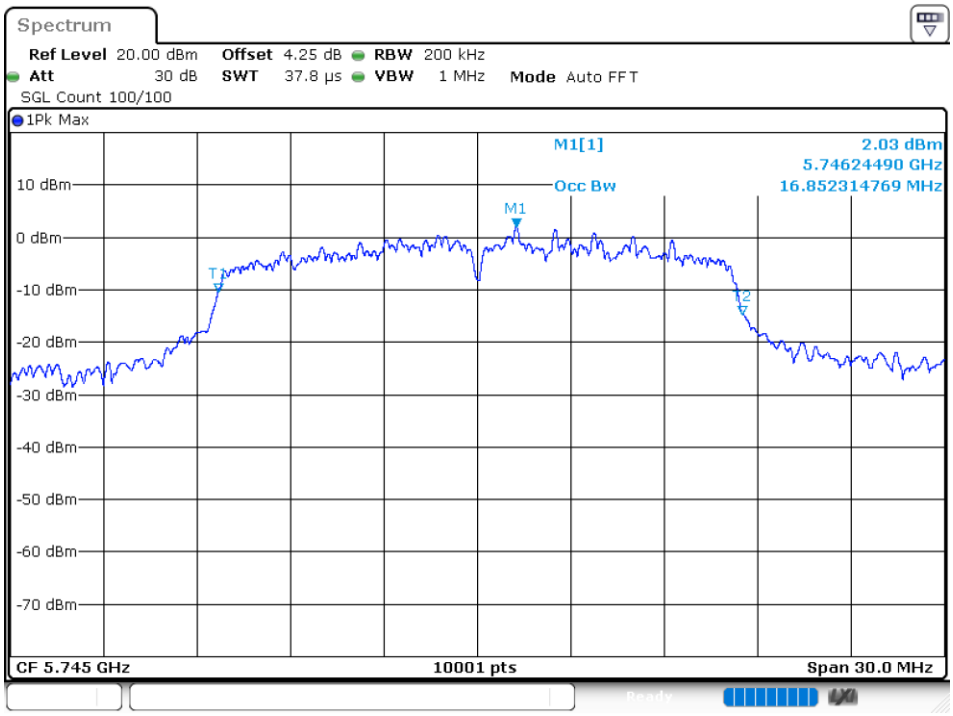


Occupied Channel Bandwidth

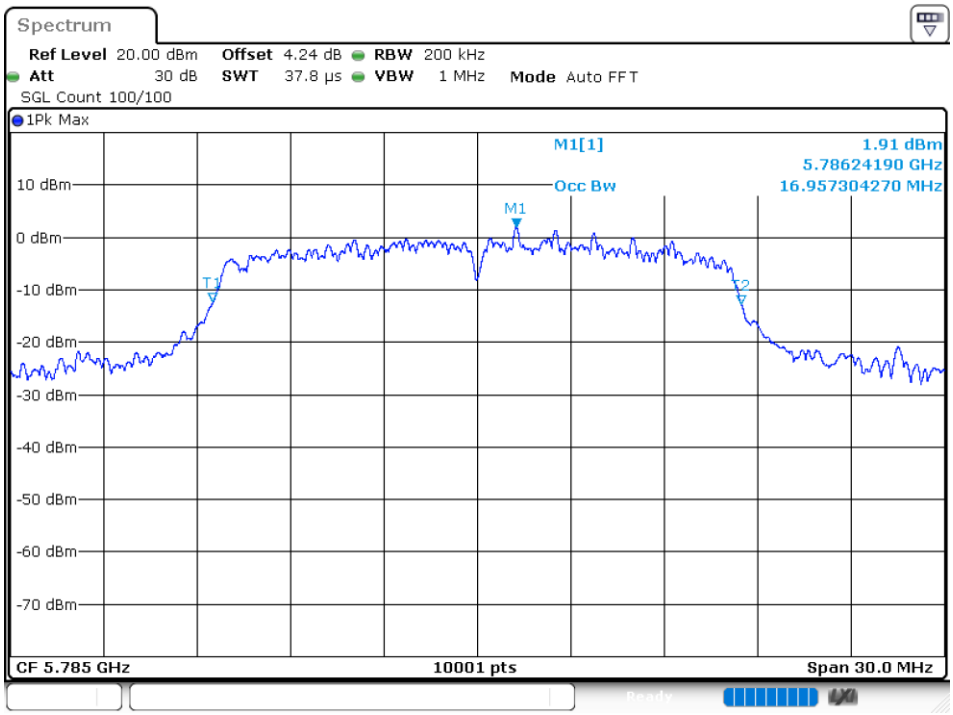
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.852
NVNT	a	5785	Ant1	16.957
NVNT	a	5825	Ant1	16.684
NVNT	n20	5745	Ant1	17.71
NVNT	n20	5785	Ant1	17.884
NVNT	n20	5825	Ant1	17.782
NVNT	n40	5755	Ant1	36.896
NVNT	n40	5795	Ant1	36.524
NVNT	ac20	5745	Ant1	18.007
NVNT	ac20	5785	Ant1	18.061
NVNT	ac20	5825	Ant1	17.707
NVNT	ac40	5755	Ant1	37.262
NVNT	ac40	5795	Ant1	36.44
NVNT	ac80	5775	Ant1	76.456

Test Graphs

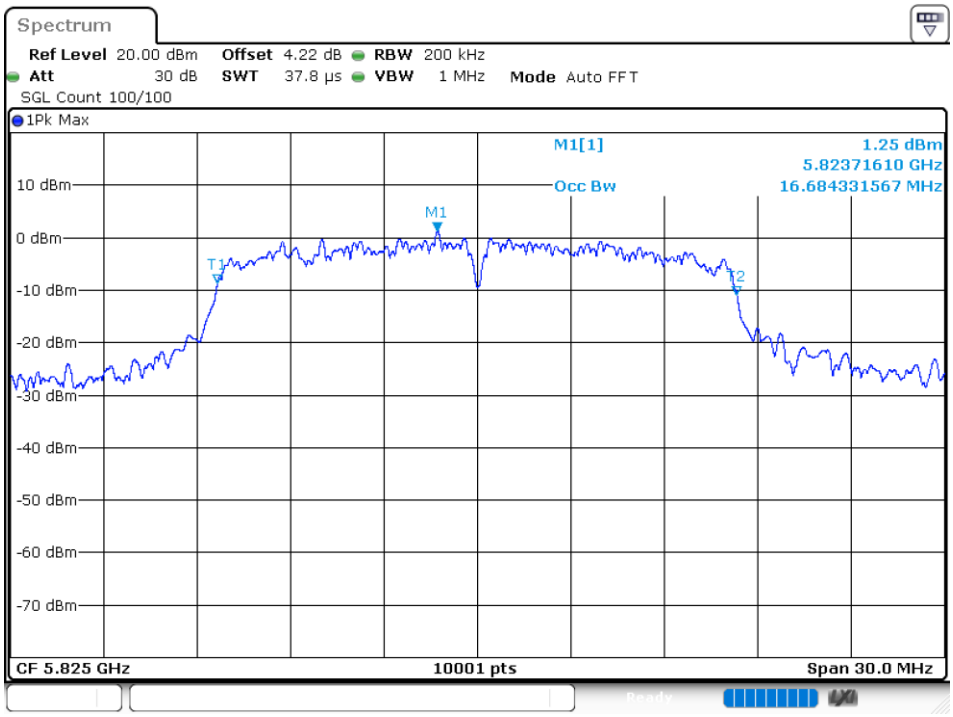
OBW NVNT a 5745MHz Ant1



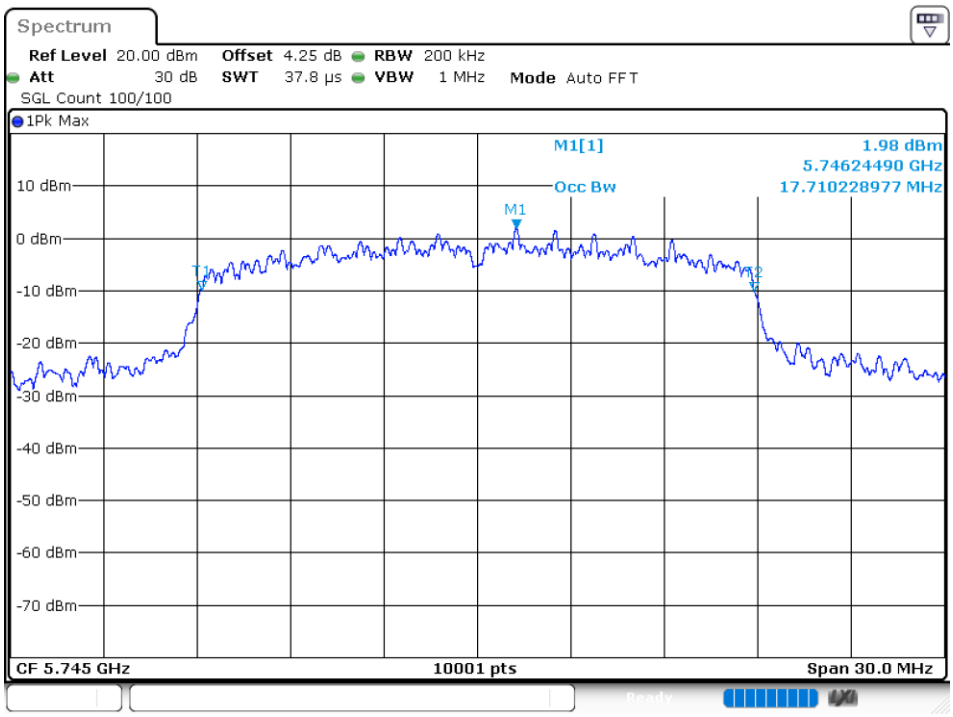
OBW NVNT a 5785MHz Ant1



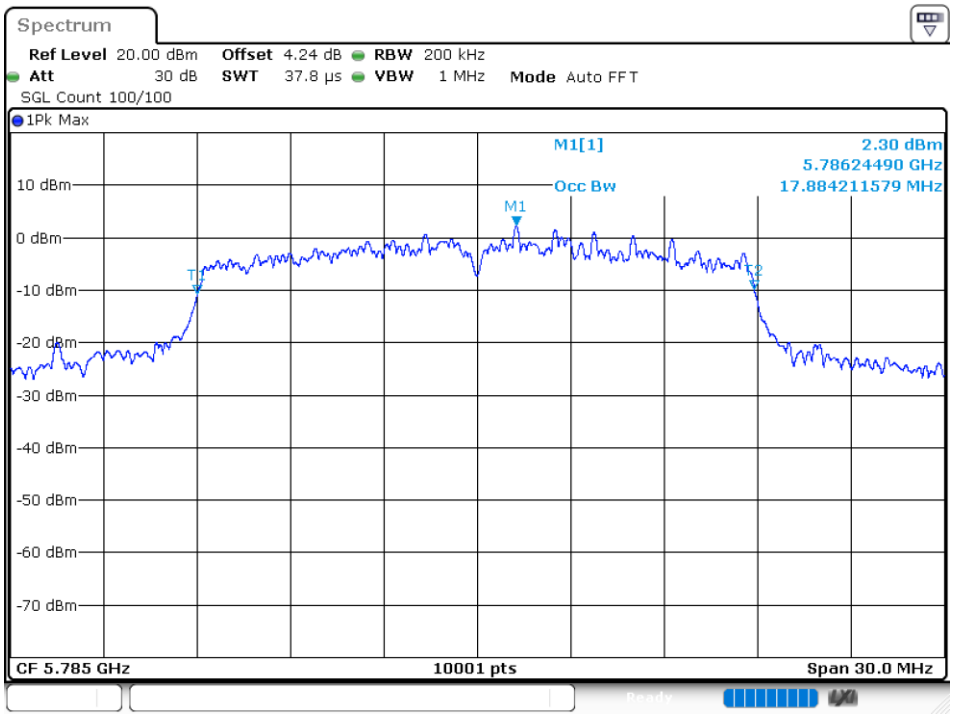
OBW NVNT a 5825MHz Ant1



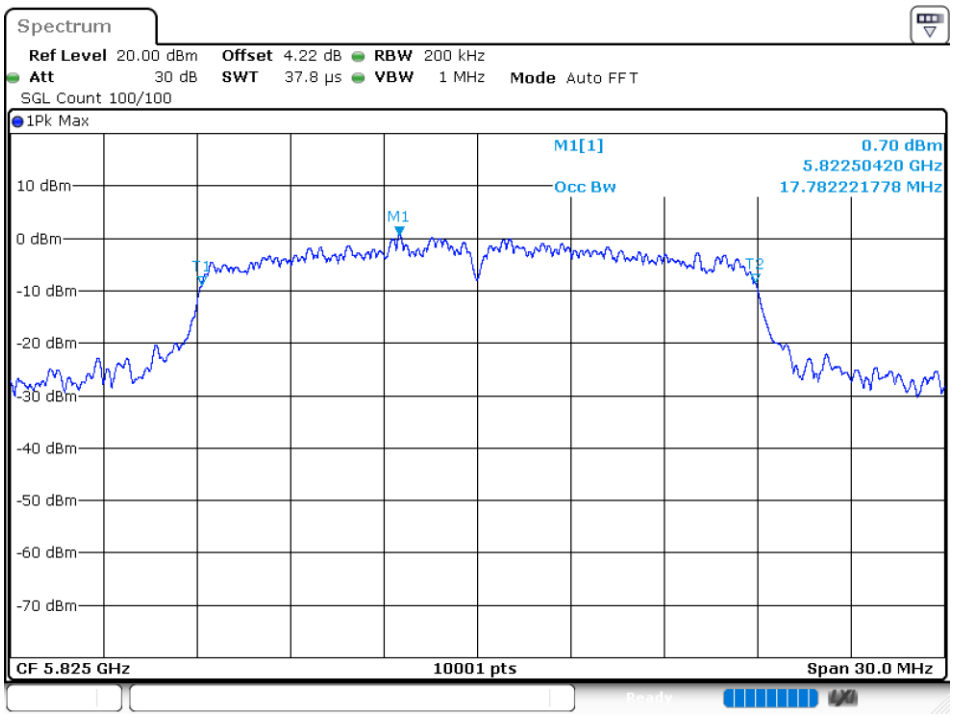
OBW NVNT n20 5745MHz Ant1



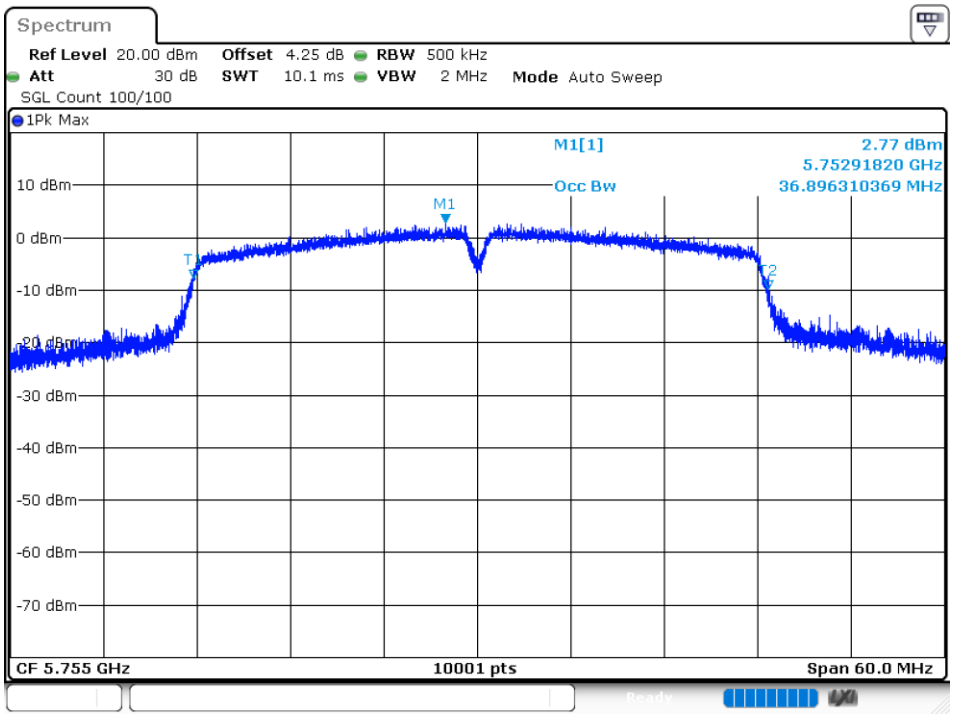
OBW NVNT n20 5785MHz Ant1



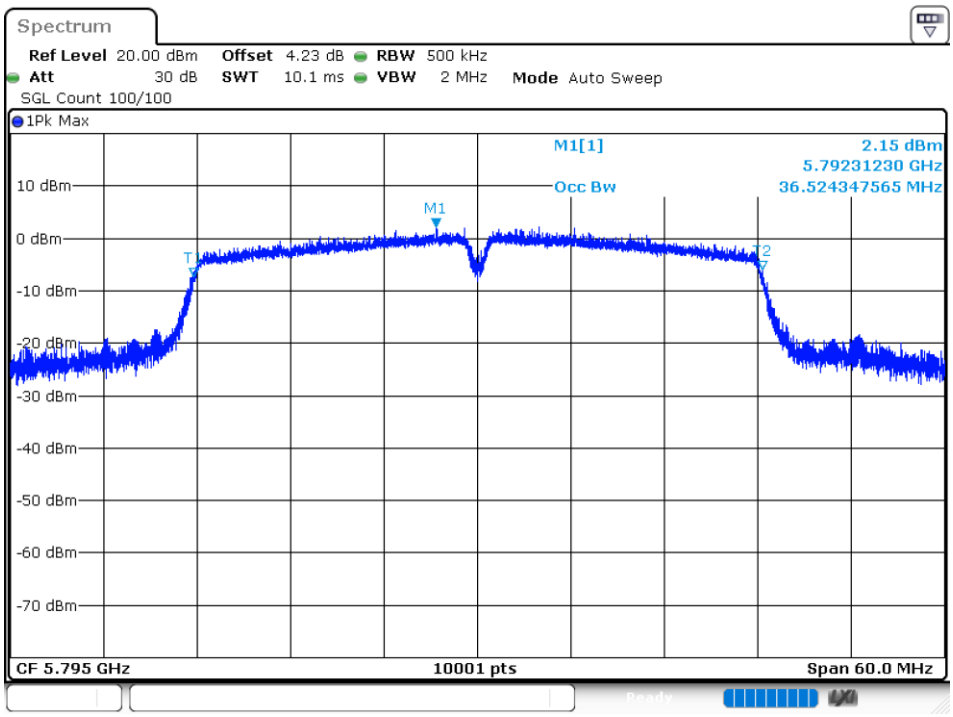
OBW NVNT n20 5825MHz Ant1



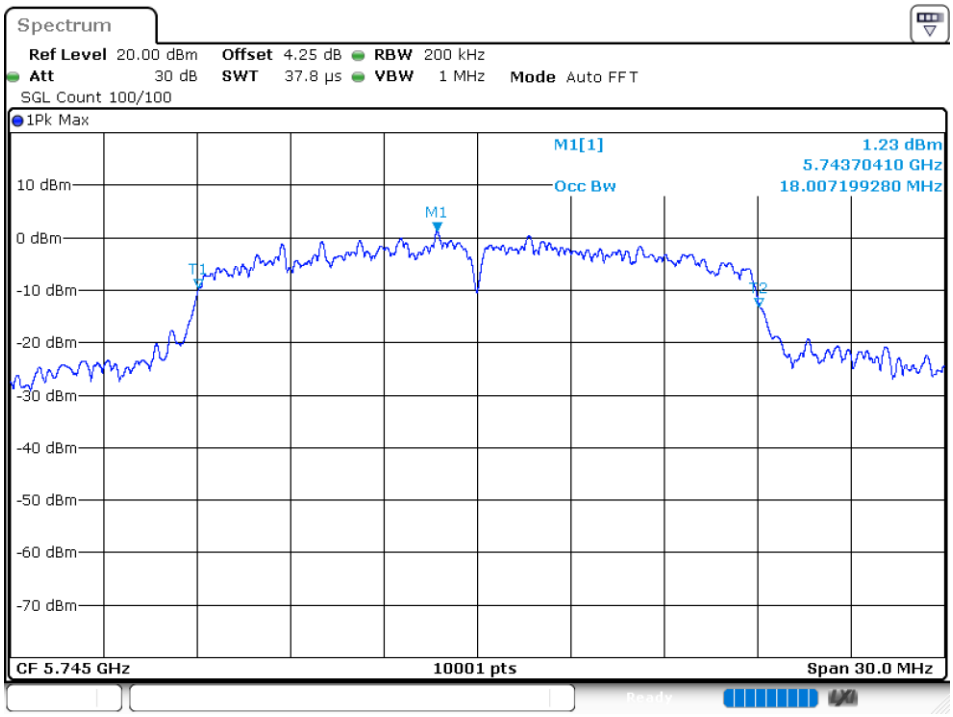
OBW NVNT n40 5755MHz Ant1



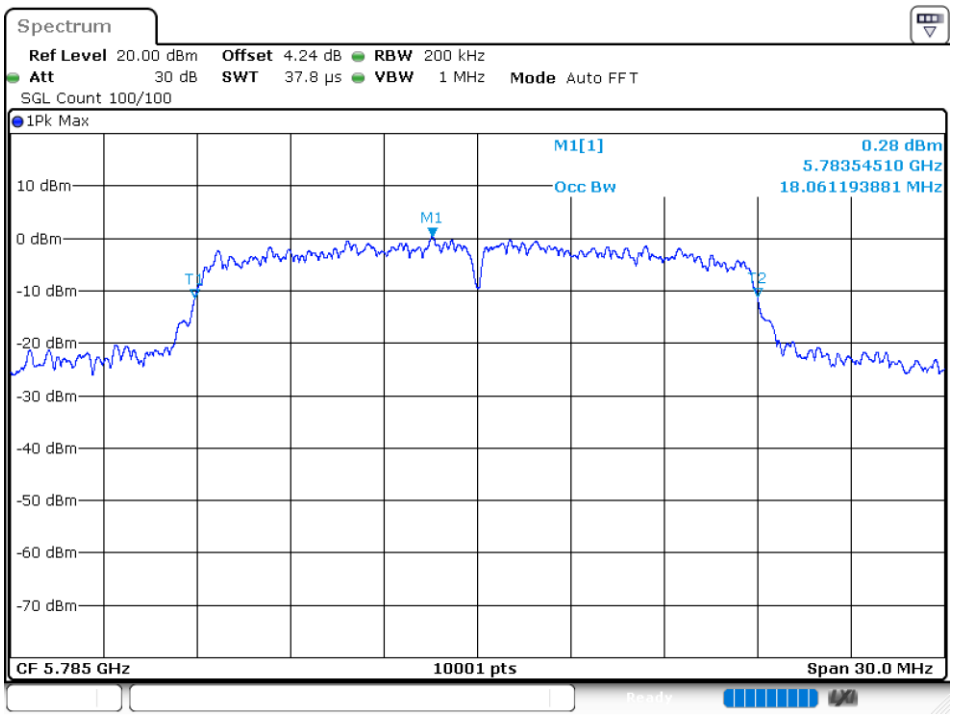
OBW NVNT n40 5795MHz Ant1



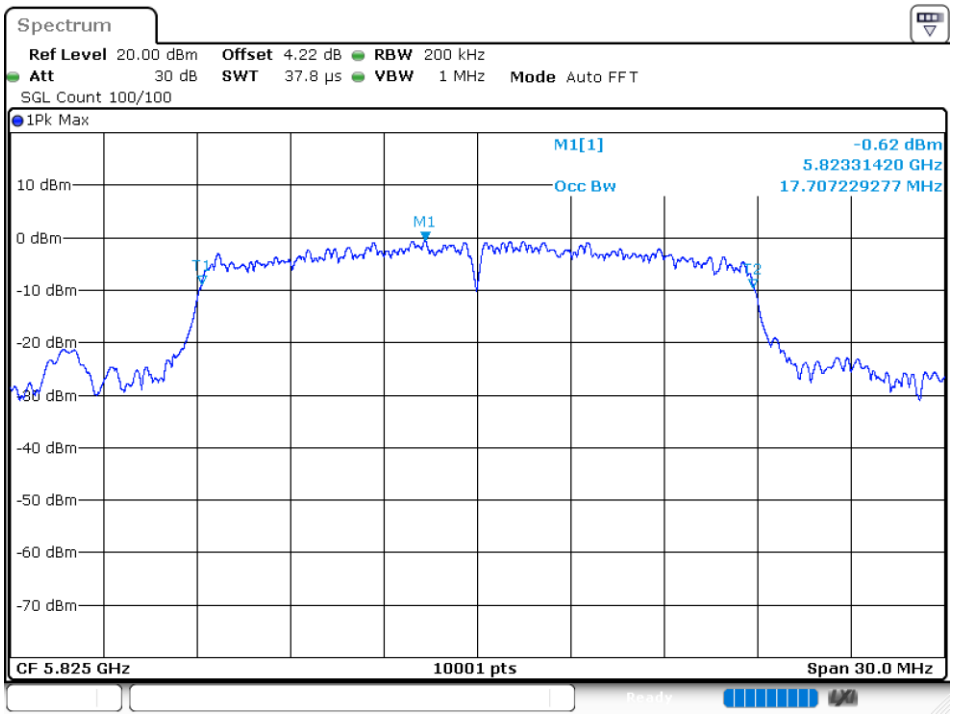
OBW NVNT ac20 5745MHz Ant1



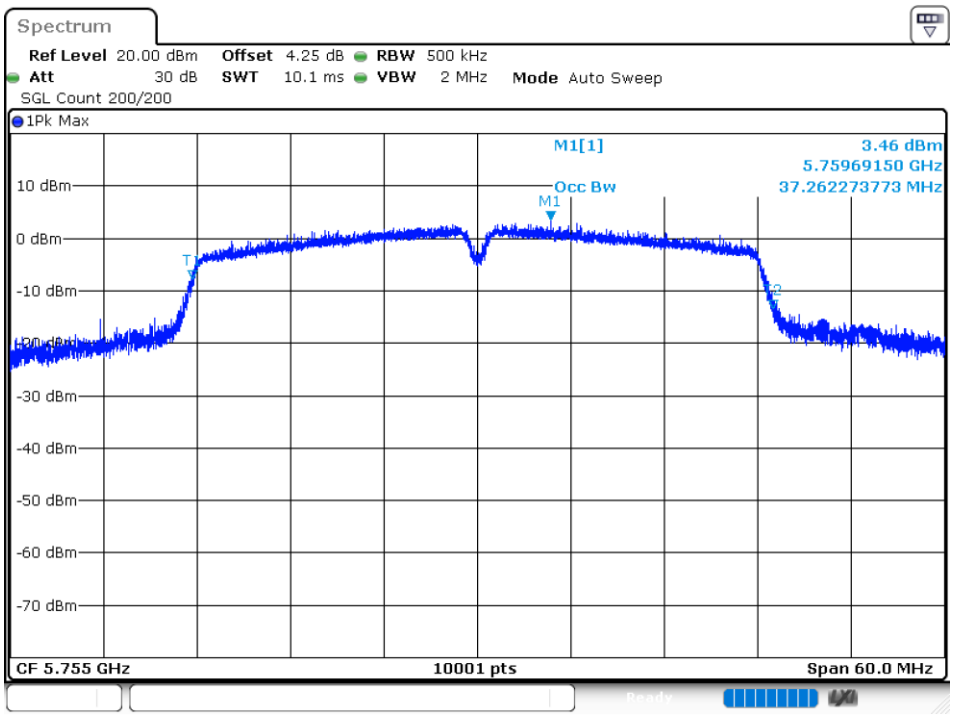
OBW NVNT ac20 5785MHz Ant1



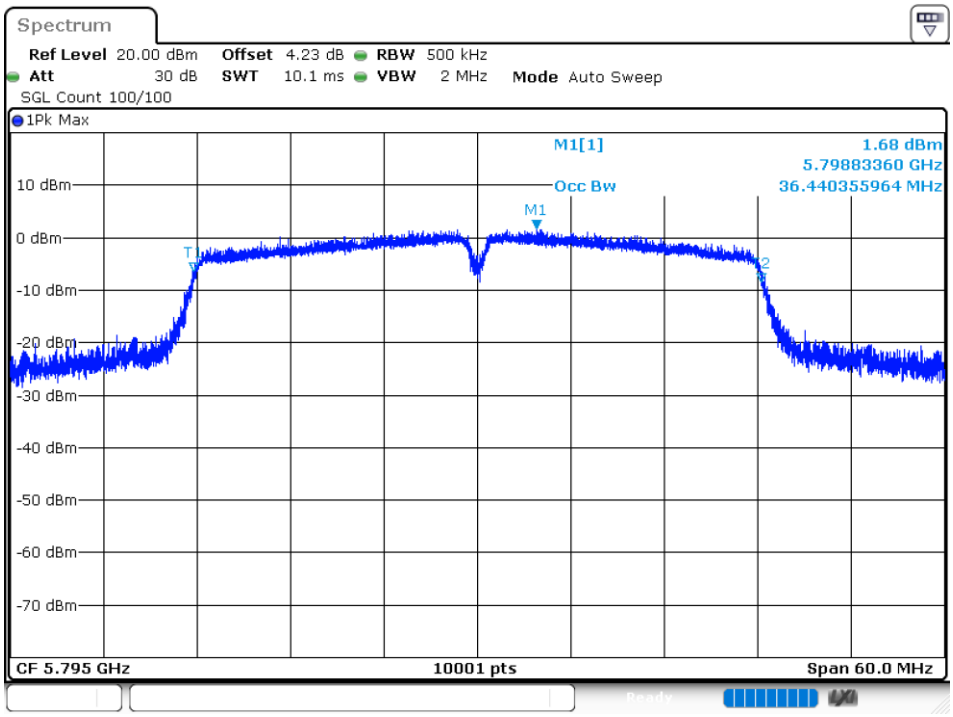
OBW NVNT ac20 5825MHz Ant1



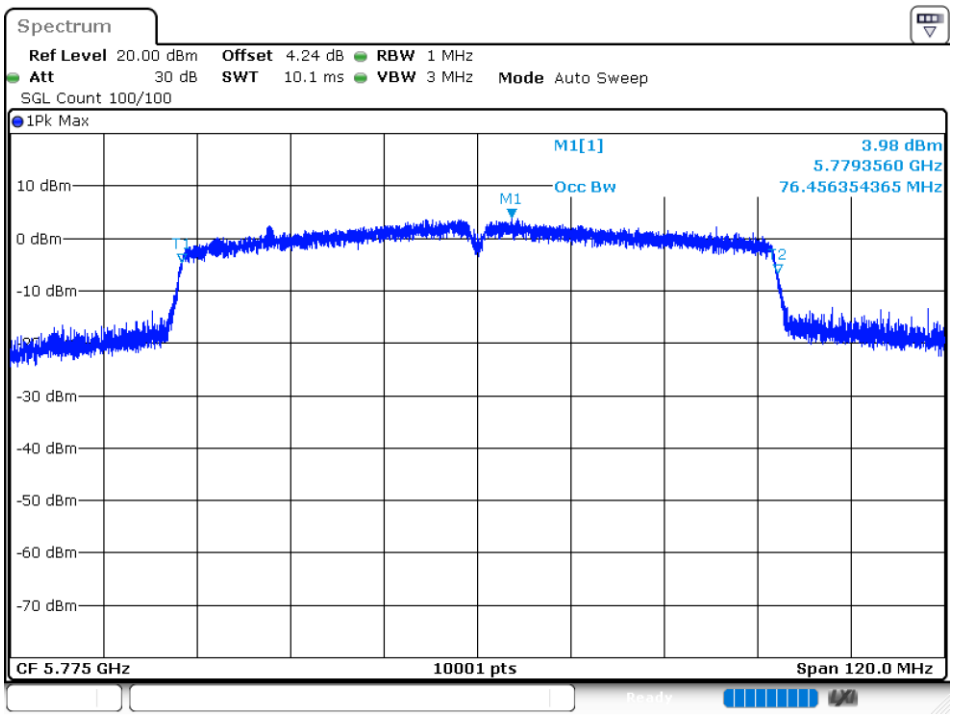
OBW NVNT ac40 5755MHz Ant1



OBW NVNT ac40 5795MHz Ant1



OBW NVNT ac80 5775MHz Ant1

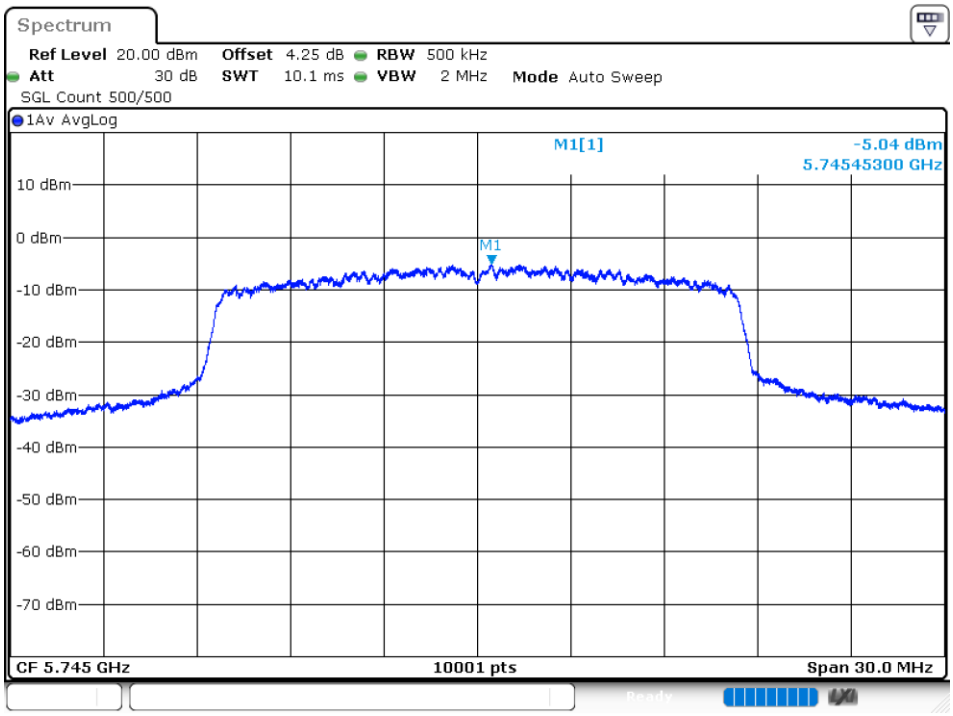


Maximum Power Spectral Density Level

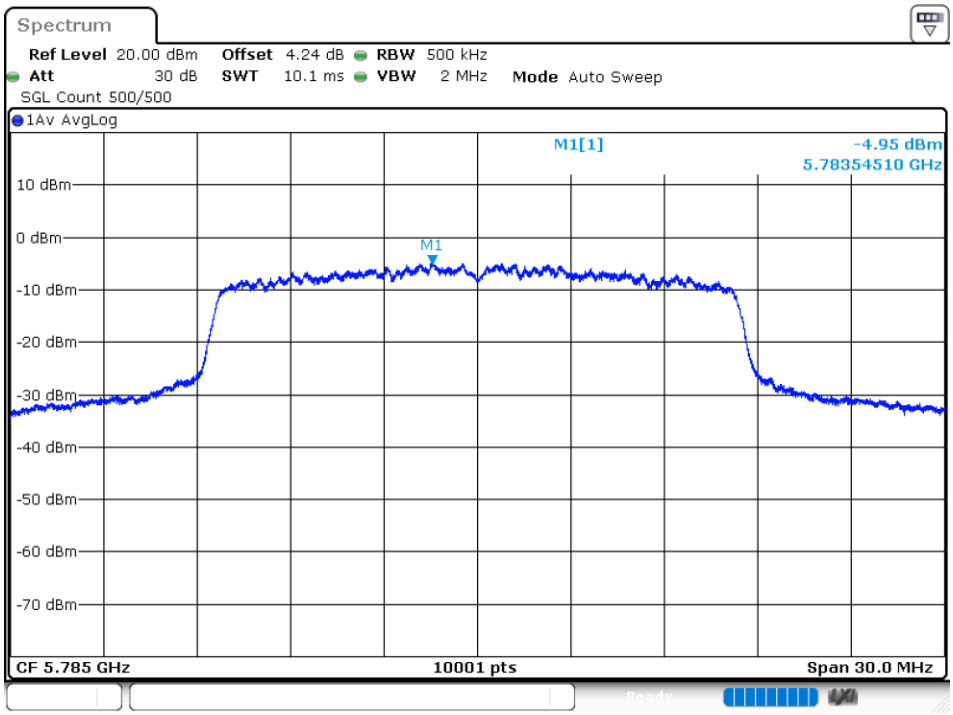
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-5.04	0.11	-4.93	30	Pass
NVNT	a	5785	Ant1	-4.95	0.11	-4.84	30	Pass
NVNT	a	5825	Ant1	-5.19	0.11	-5.08	30	Pass
NVNT	n20	5745	Ant1	-5.59	0.11	-5.48	30	Pass
NVNT	n20	5785	Ant1	-4.96	0.11	-4.85	30	Pass
NVNT	n20	5825	Ant1	-5.48	0.11	-5.37	30	Pass
NVNT	n40	5755	Ant1	-9.1	0.22	-8.88	30	Pass
NVNT	n40	5795	Ant1	-9.92	0.22	-9.7	30	Pass
NVNT	ac20	5745	Ant1	-5.58	0.11	-5.47	30	Pass
NVNT	ac20	5785	Ant1	-4.79	0.11	-4.68	30	Pass
NVNT	ac20	5825	Ant1	-5.43	0.11	-5.32	30	Pass
NVNT	ac40	5755	Ant1	-8.36	0.22	-8.14	30	Pass
NVNT	ac40	5795	Ant1	-9.65	0.22	-9.43	30	Pass
NVNT	ac80	5775	Ant1	-13.94	0.43	-13.51	30	Pass

Test Graphs

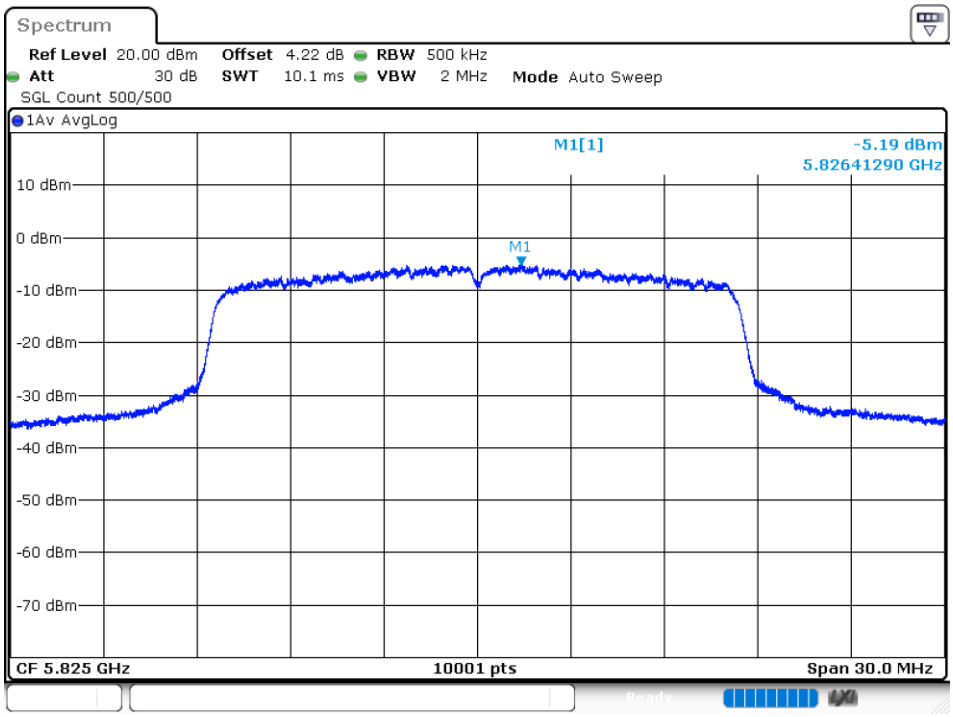
PSD NVNT a 5745MHz Ant1



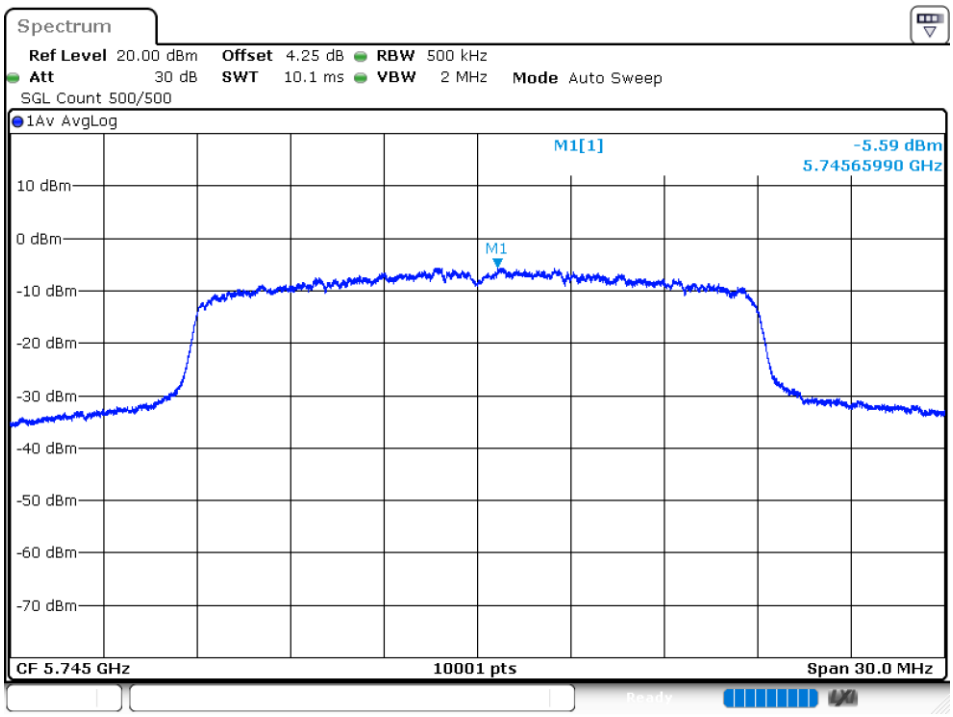
PSD NVNT a 5785MHz Ant1



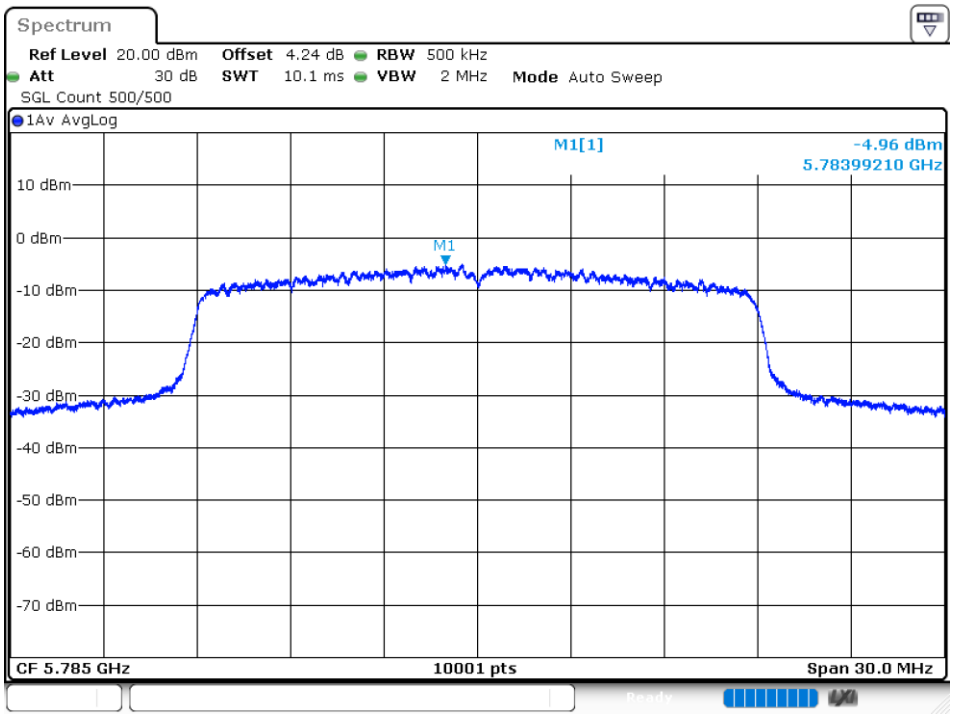
PSD NVNT a 5825MHz Ant1



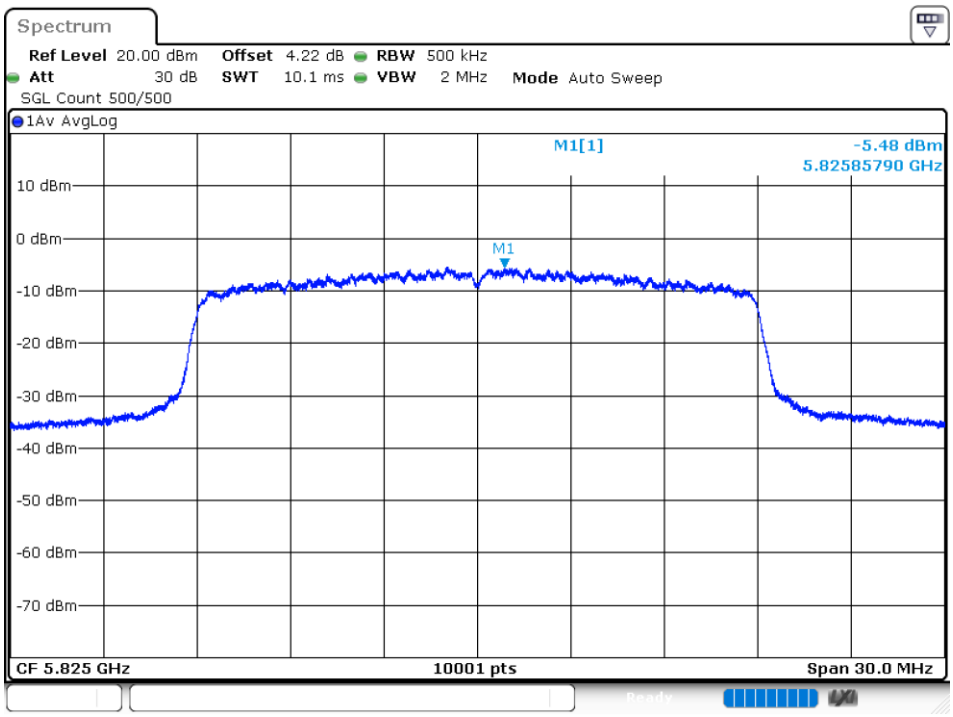
PSD NVNT n20 5745MHz Ant1



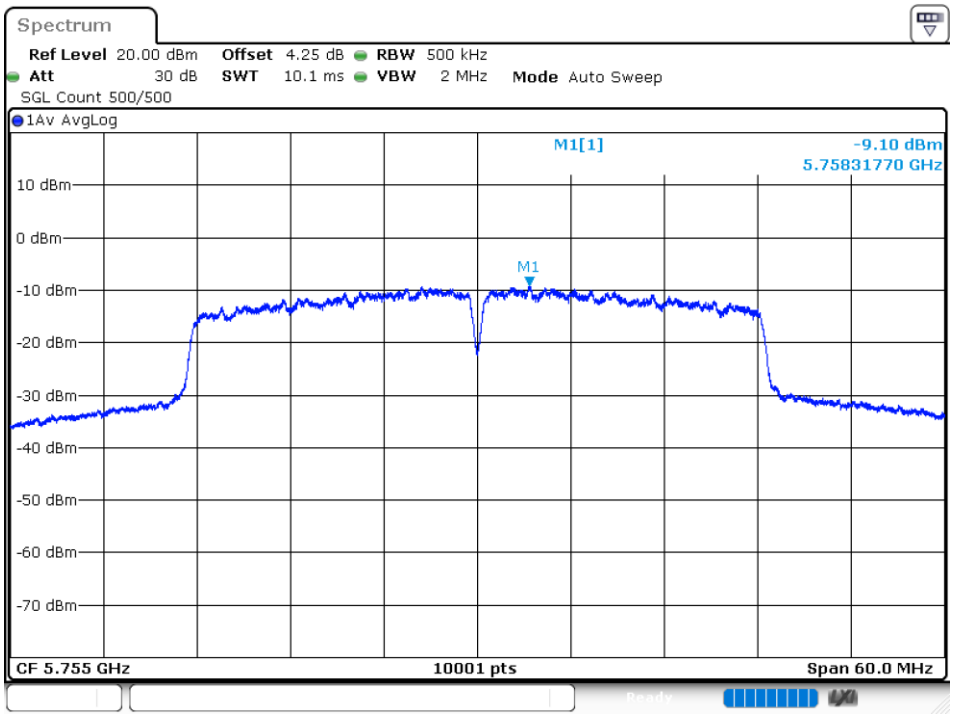
PSD NVNT n20 5785MHz Ant1



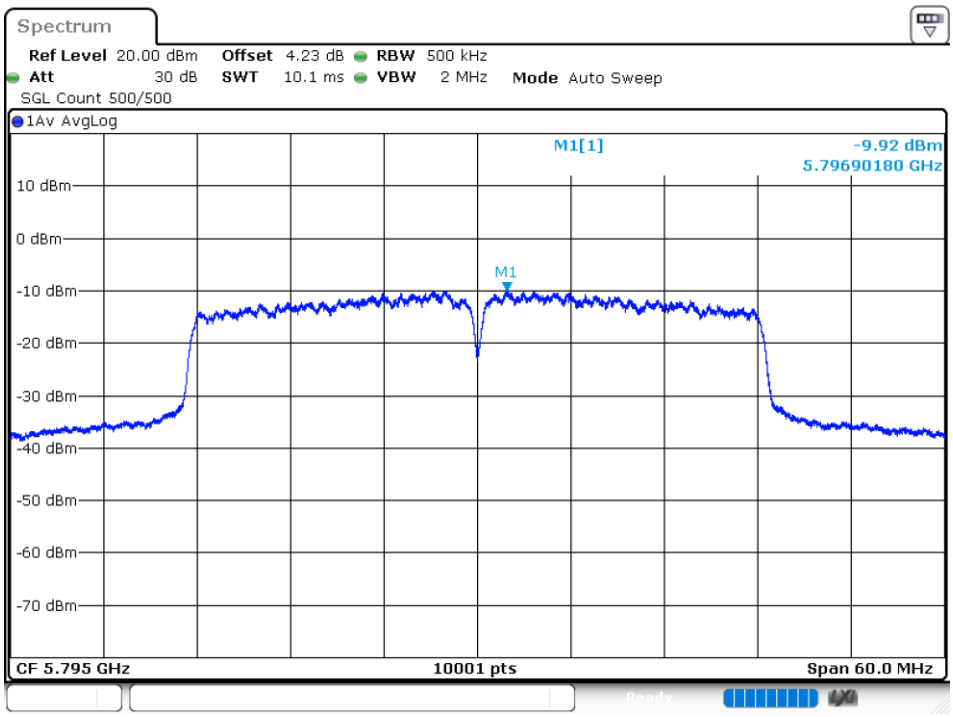
PSD NVNT n20 5825MHz Ant1



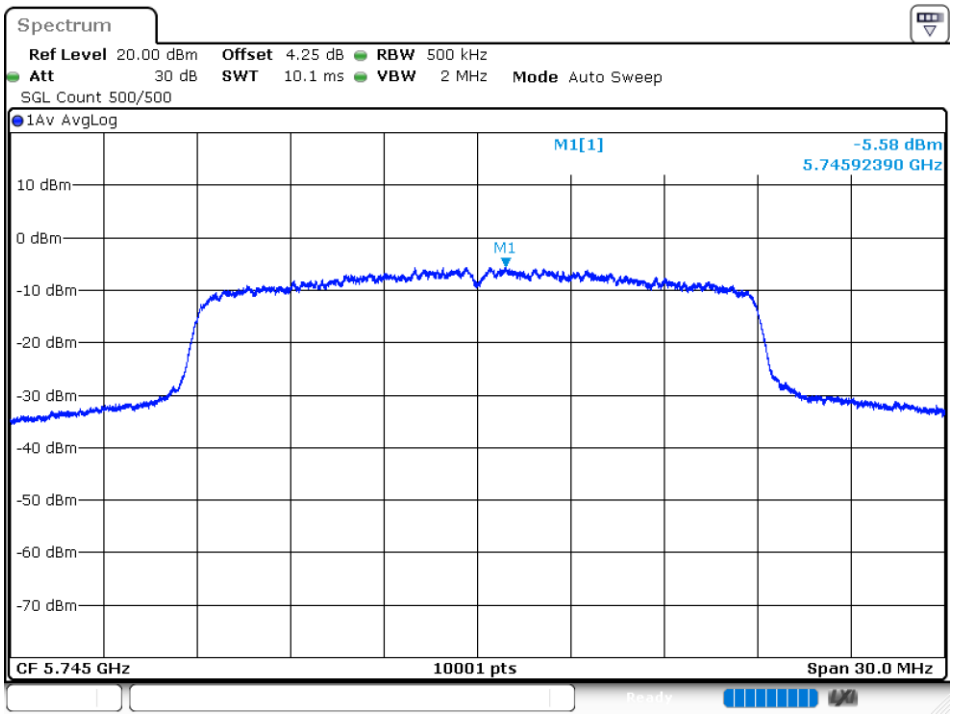
PSD NVNT n40 5755MHz Ant1



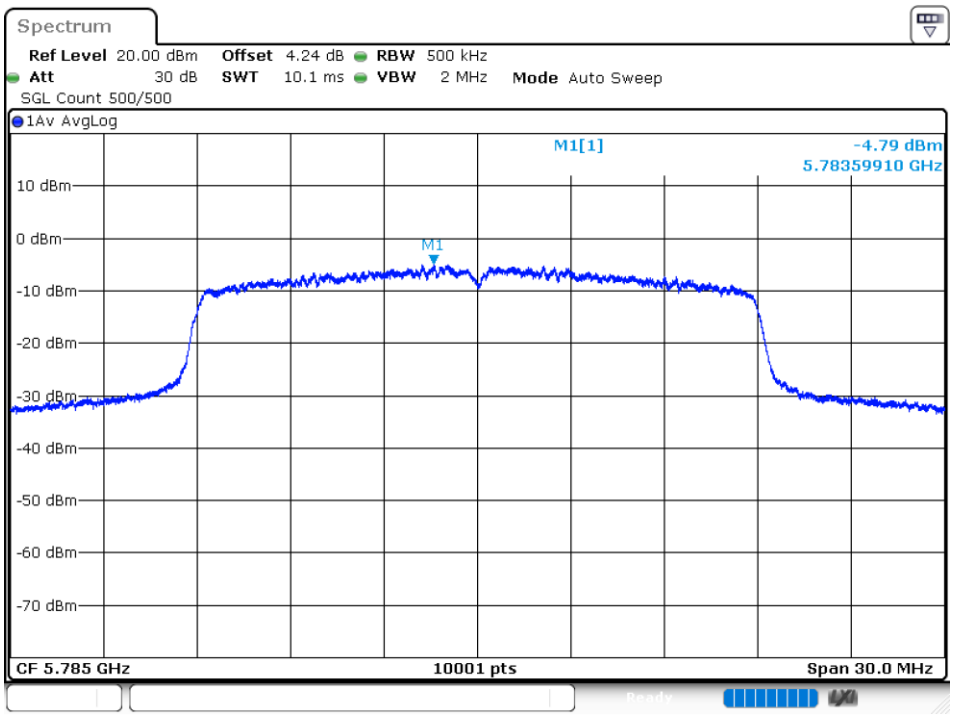
PSD NVNT n40 5795MHz Ant1



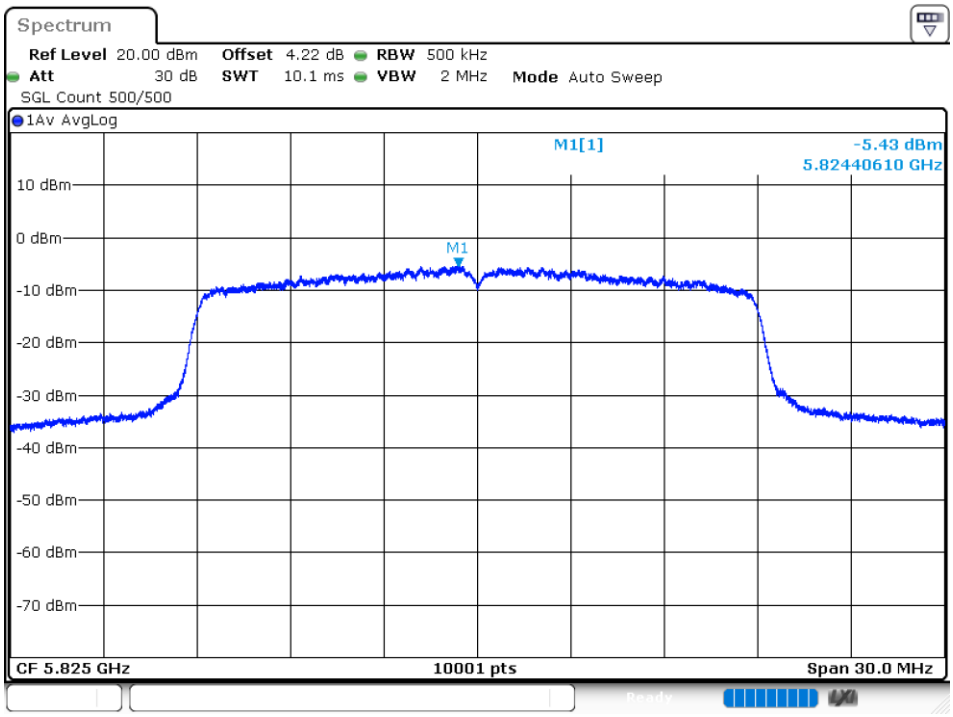
PSD NVNT ac20 5745MHz Ant1



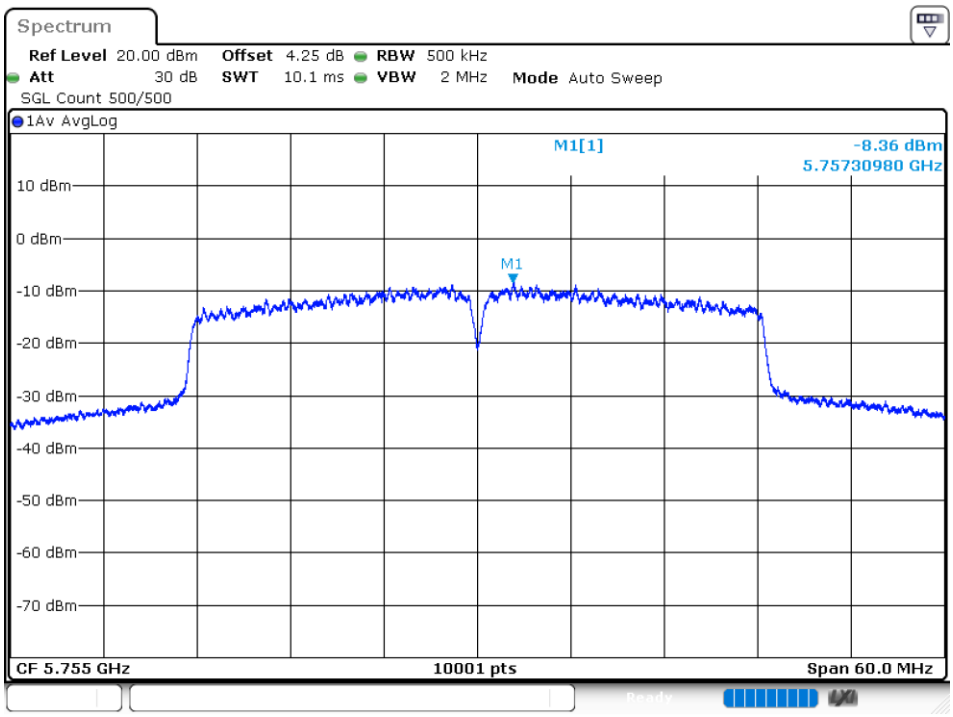
PSD NVNT ac20 5785MHz Ant1



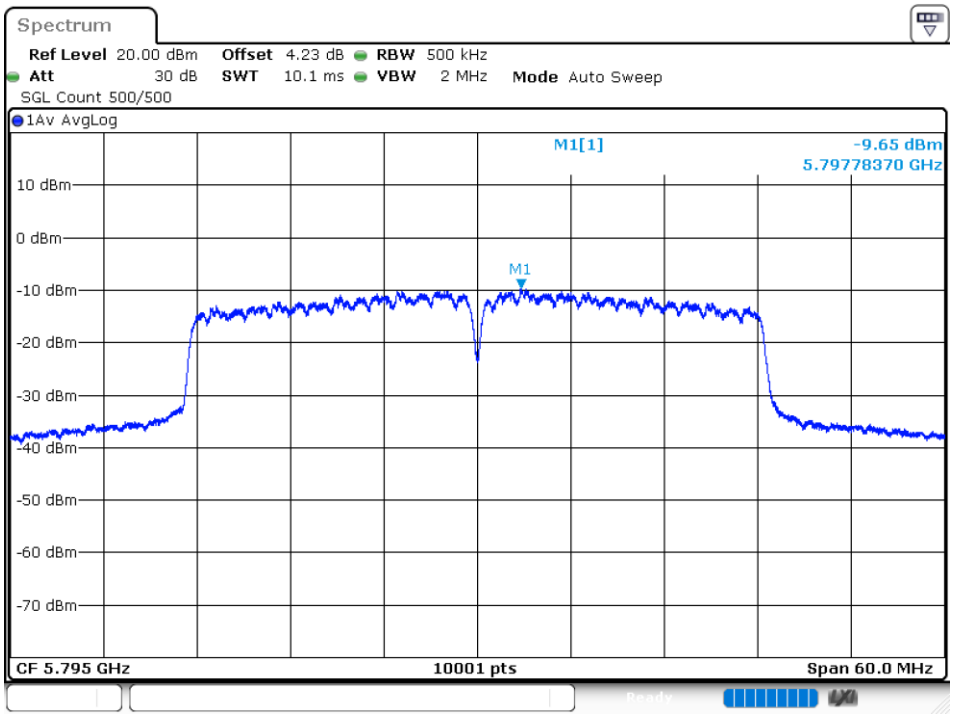
PSD NVNT ac20 5825MHz Ant1



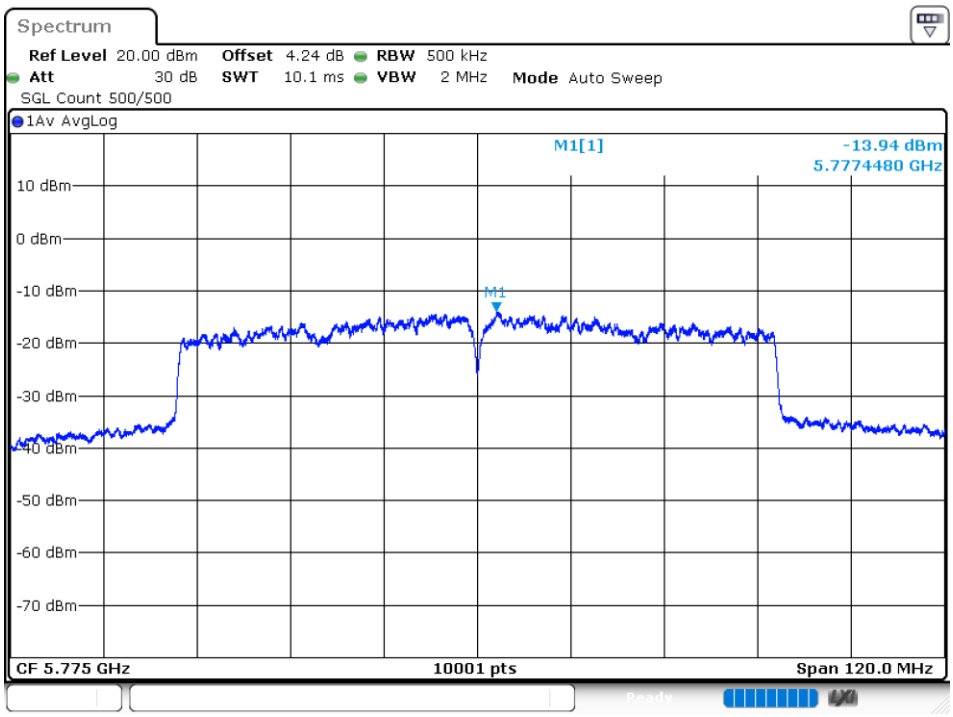
PSD NVNT ac40 5755MHz Ant1



PSD NVNT ac40 5795MHz Ant1



PSD NVNT ac80 5775MHz Ant1

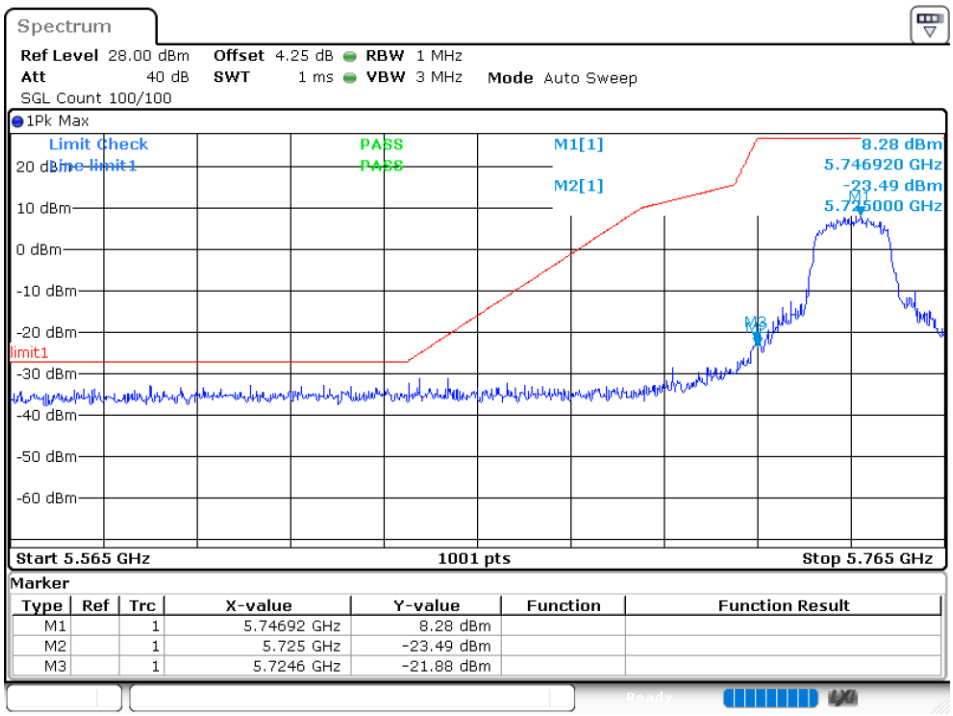


Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-21.88	Pass
NVNT	a	5825	Ant1	-24.2	Pass
NVNT	n20	5745	Ant1	-18.07	Pass
NVNT	n20	5825	Ant1	-25.22	Pass
NVNT	n40	5755	Ant1	-17.75	Pass
NVNT	n40	5795	Ant1	-29.21	Pass
NVNT	ac20	5745	Ant1	-21.09	Pass
NVNT	ac20	5825	Ant1	-24.6	Pass
NVNT	ac40	5755	Ant1	-17.98	Pass
NVNT	ac40	5795	Ant1	-29.2	Pass
NVNT	ac80	5775	Ant1	-17.27	Pass

Test Graphs

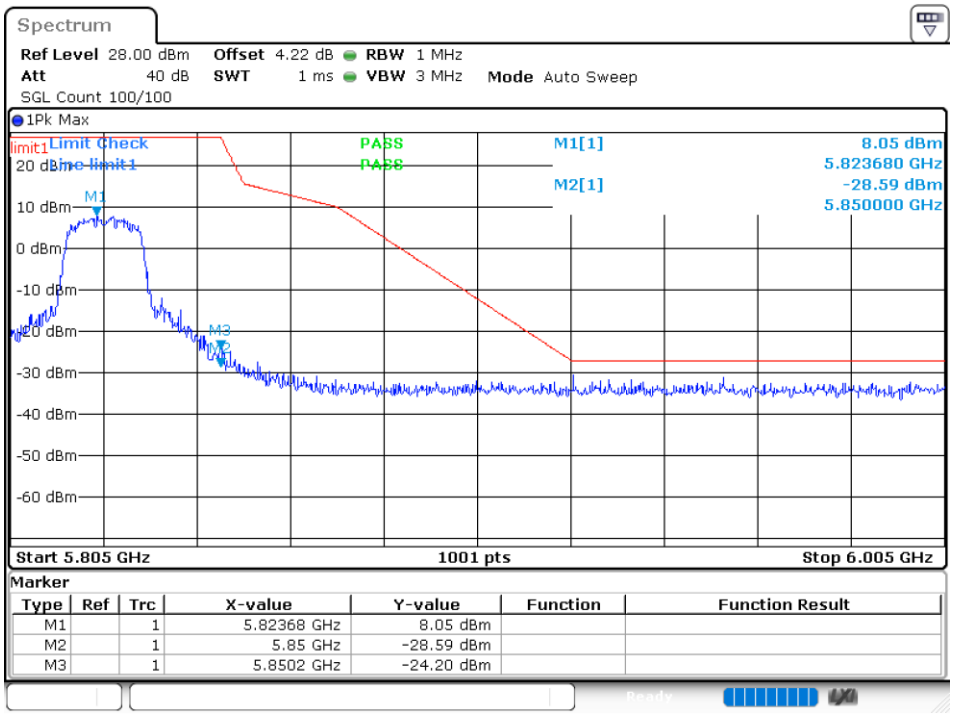
Band Edge NVNT a 5745MHz Low Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.74692 GHz	8.28 dBm		
M2		1	5.725 GHz	-23.49 dBm		
M3		1	5.7246 GHz	-21.88 dBm		

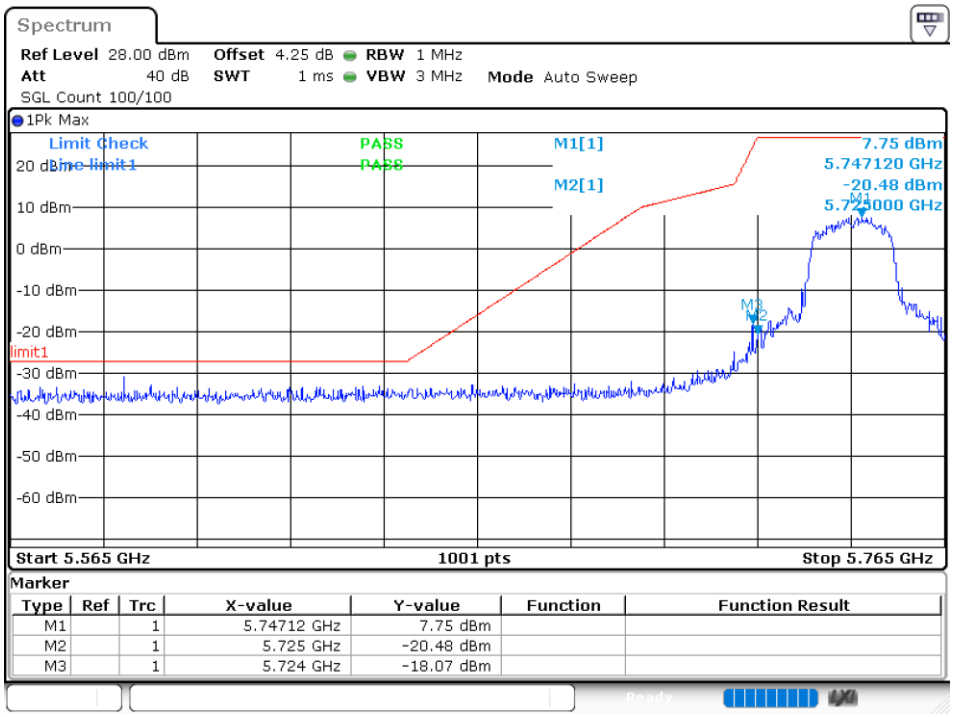
Band Edge NVNT a 5825MHz High Ant1



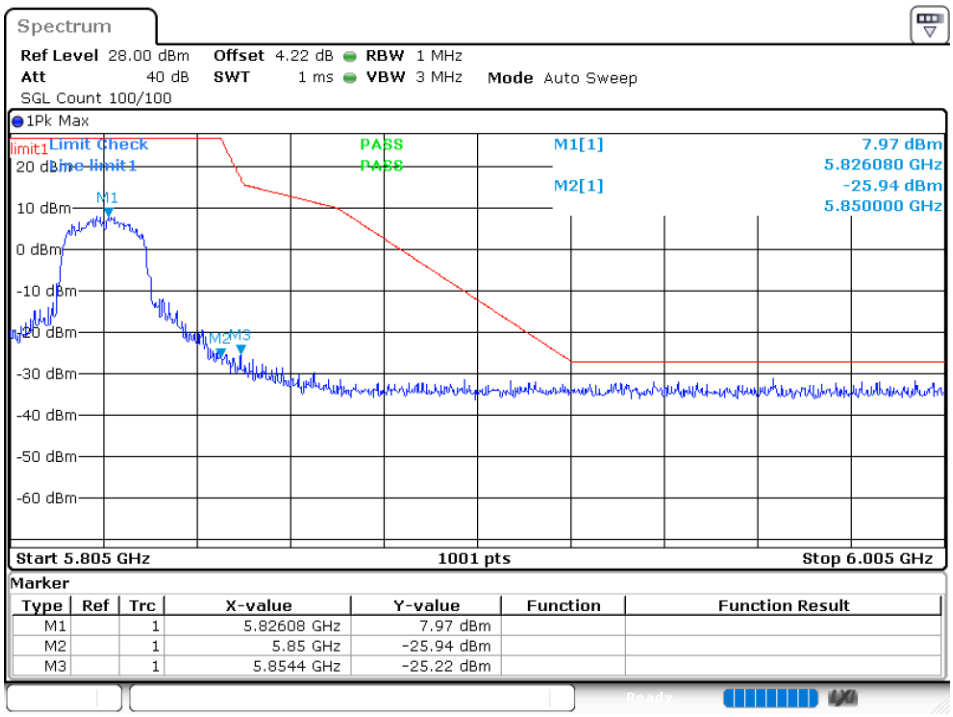
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.82368 GHz	8.05 dBm		
M2		1	5.85 GHz	-28.59 dBm		
M3		1	5.8502 GHz	-24.20 dBm		

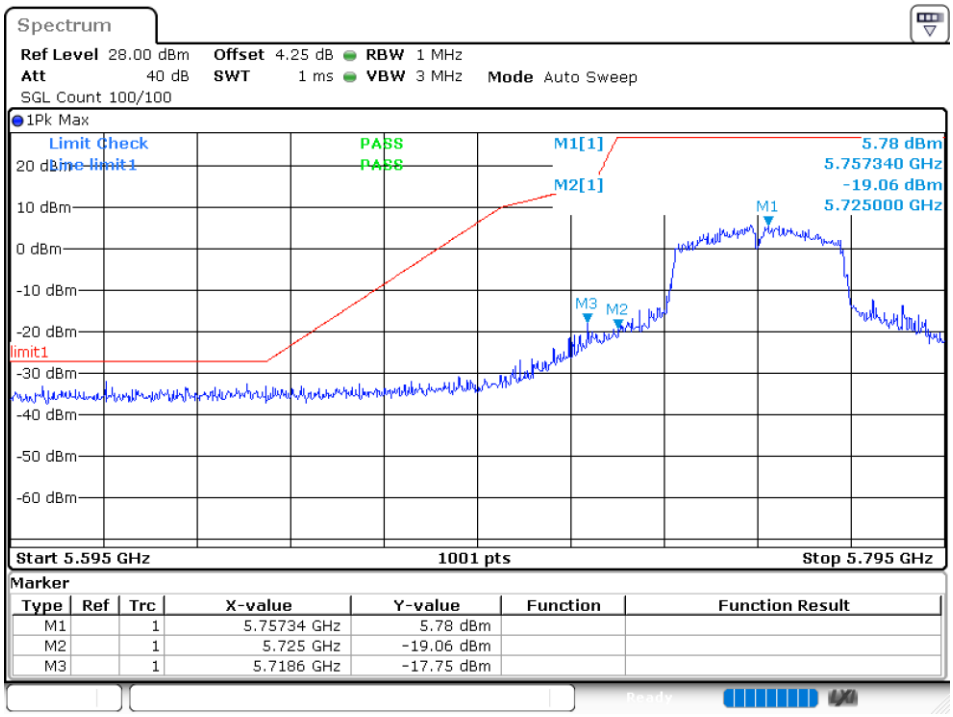
Band Edge NVNT n20 5745MHz Low Ant1



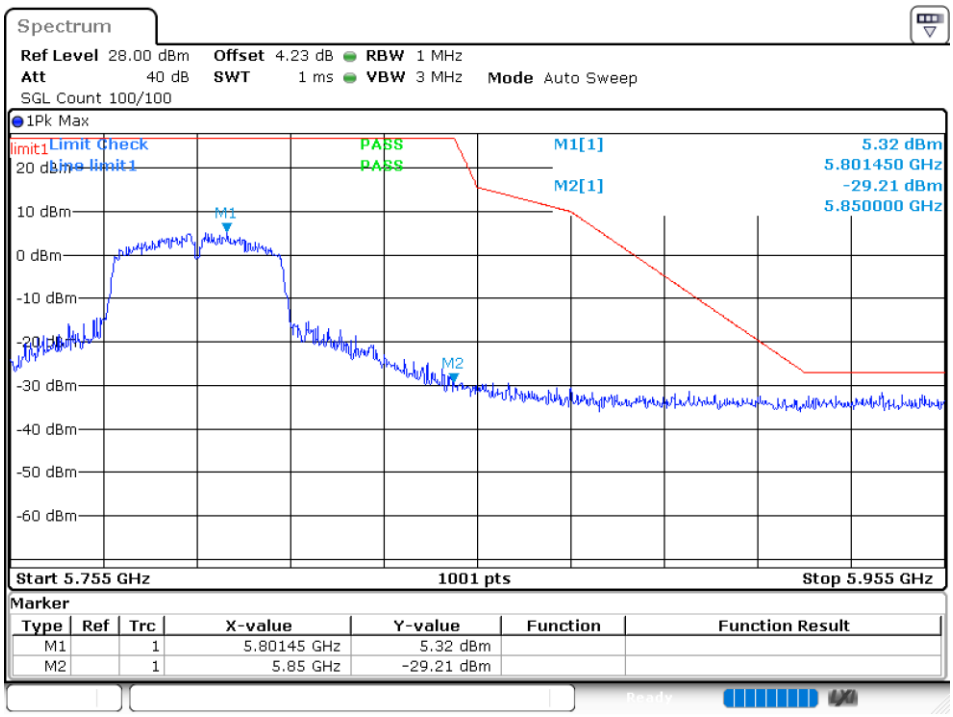
Band Edge NVNT n20 5825MHz High Ant1



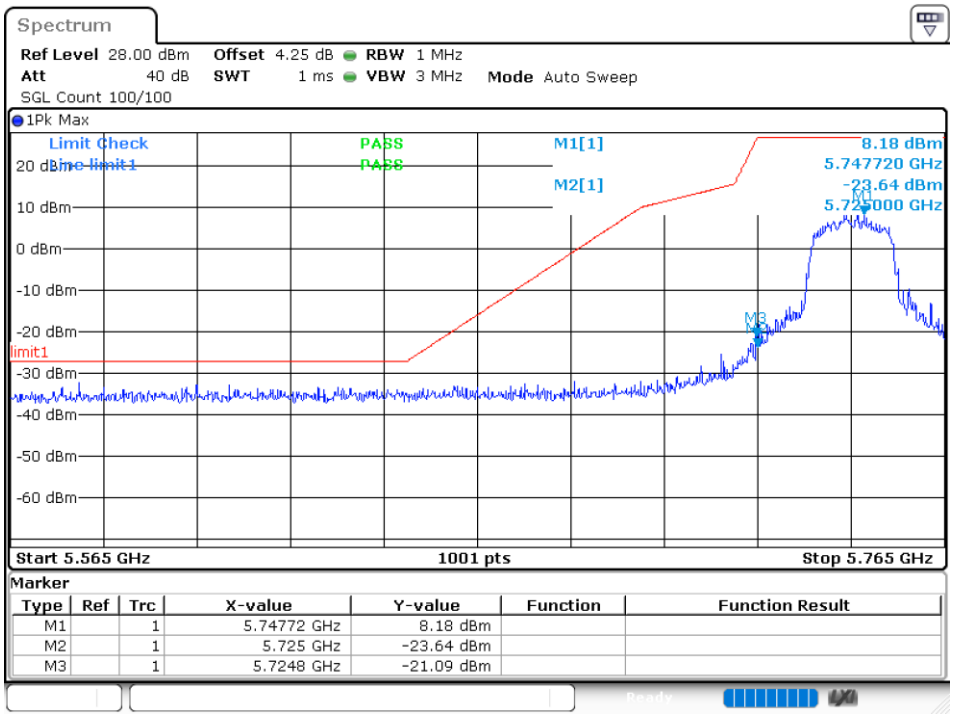
Band Edge NVNT n40 5755MHz Low Ant1



Band Edge NVNT n40 5795MHz High Ant1



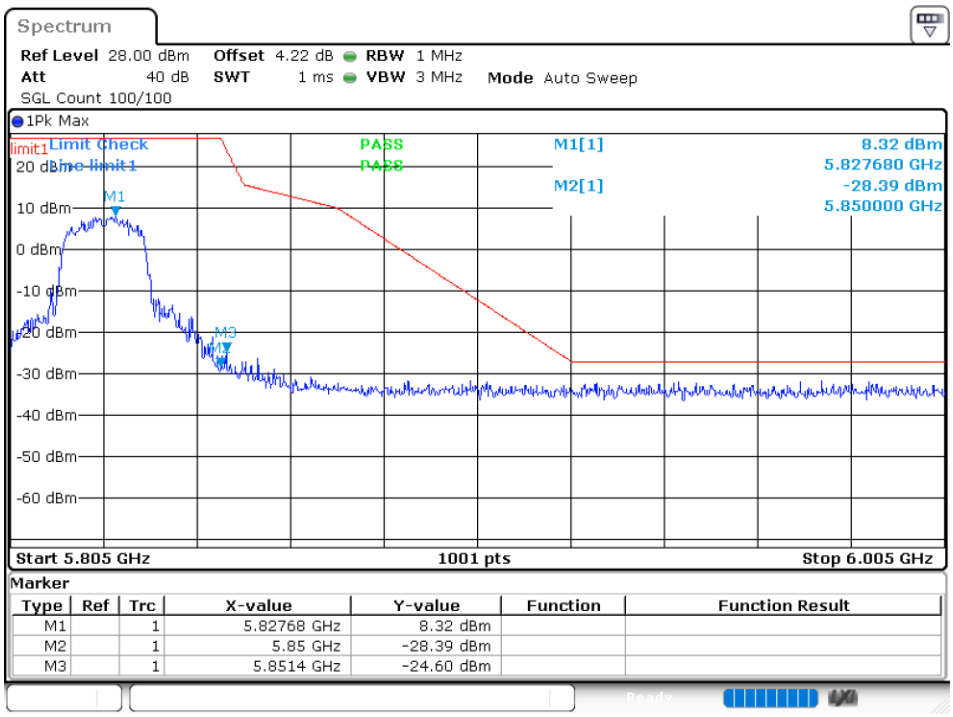
Band Edge NVNT ac20 5745MHz Low Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.74772 GHz	8.18 dBm		
M2		1	5.725 GHz	-23.64 dBm		
M3		1	5.7248 GHz	-21.09 dBm		

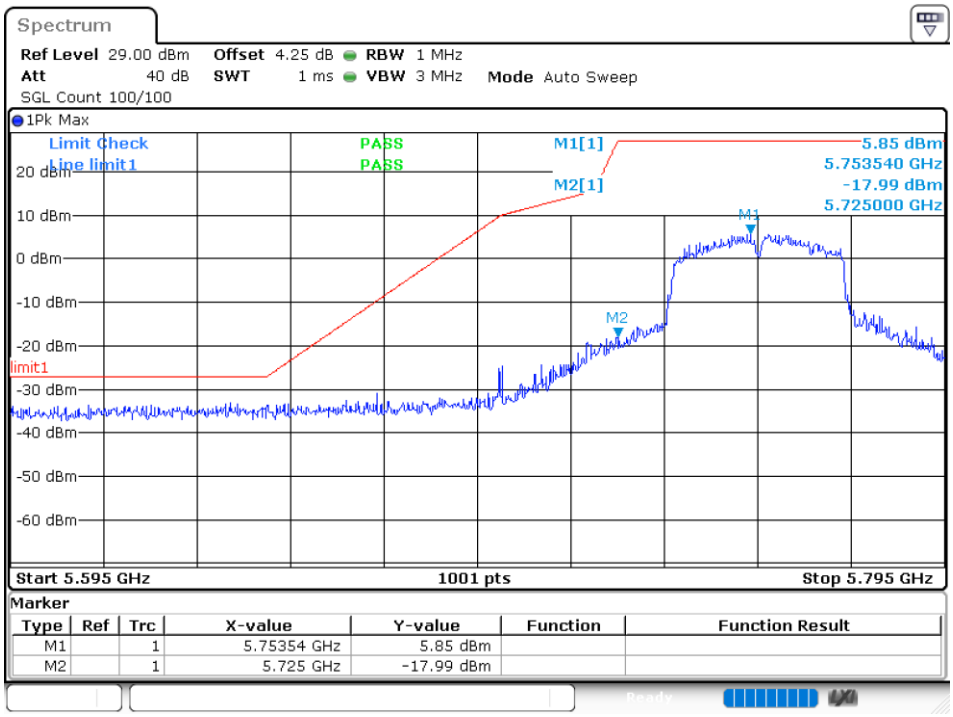
Band Edge NVNT ac20 5825MHz High Ant1



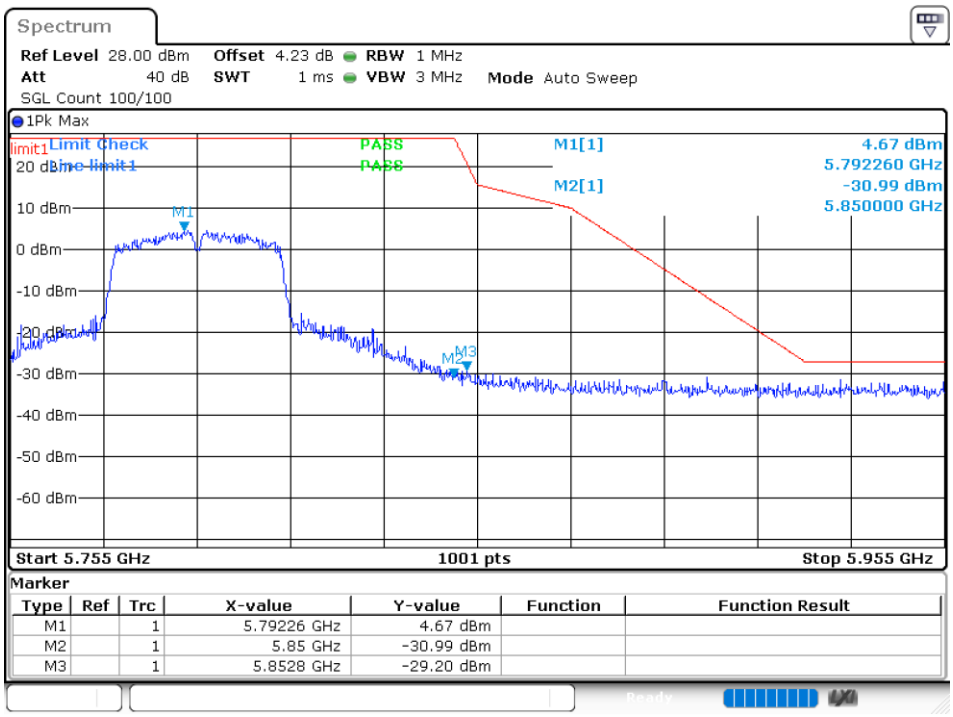
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.82768 GHz	8.32 dBm		
M2		1	5.85 GHz	-28.39 dBm		
M3		1	5.8514 GHz	-24.60 dBm		

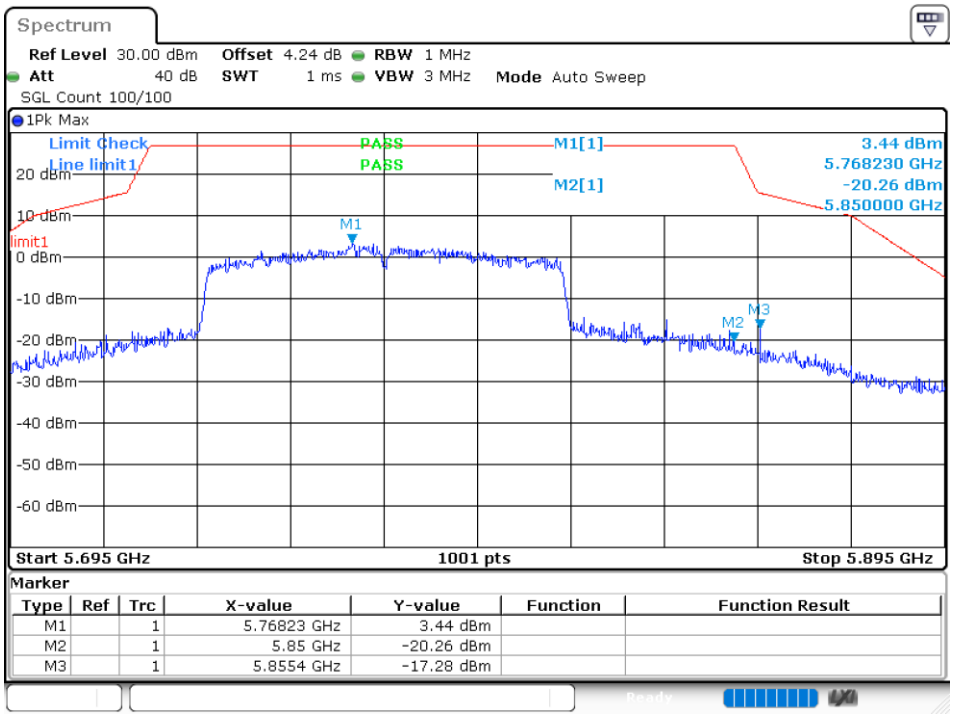
Band Edge NVNT ac40 5755MHz Low Ant1



Band Edge NVNT ac40 5795MHz High Ant1



Band Edge NVNT ac80 5775MHz High Ant1



Marker

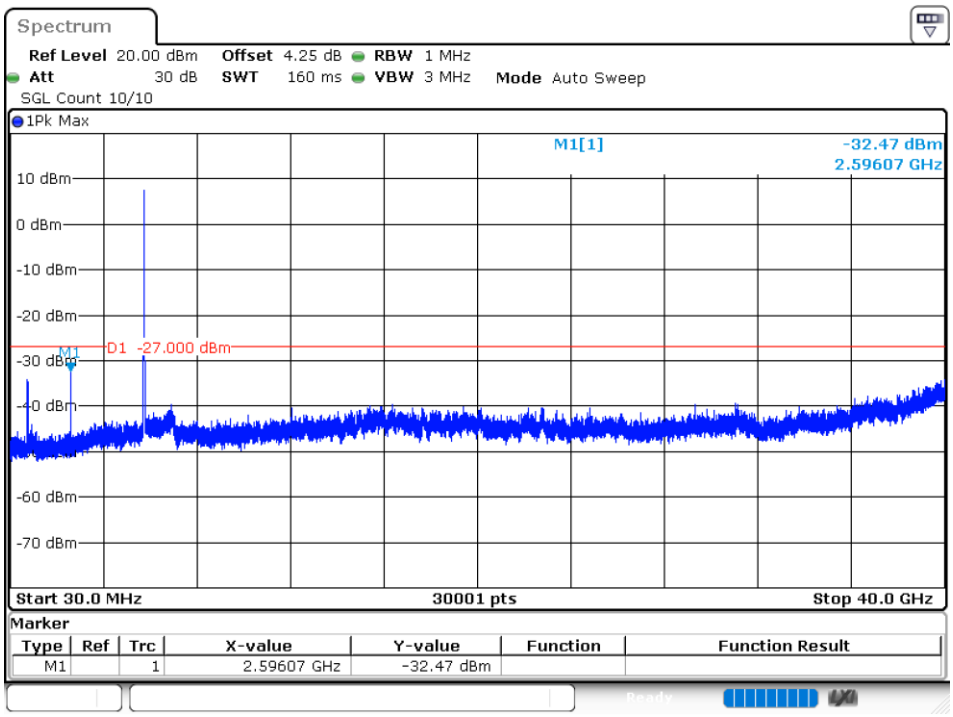
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.76823 GHz	3.44 dBm		
M2		1	5.85 GHz	-20.26 dBm		
M3		1	5.8554 GHz	-17.28 dBm		

Conducted RF Spurious Emission

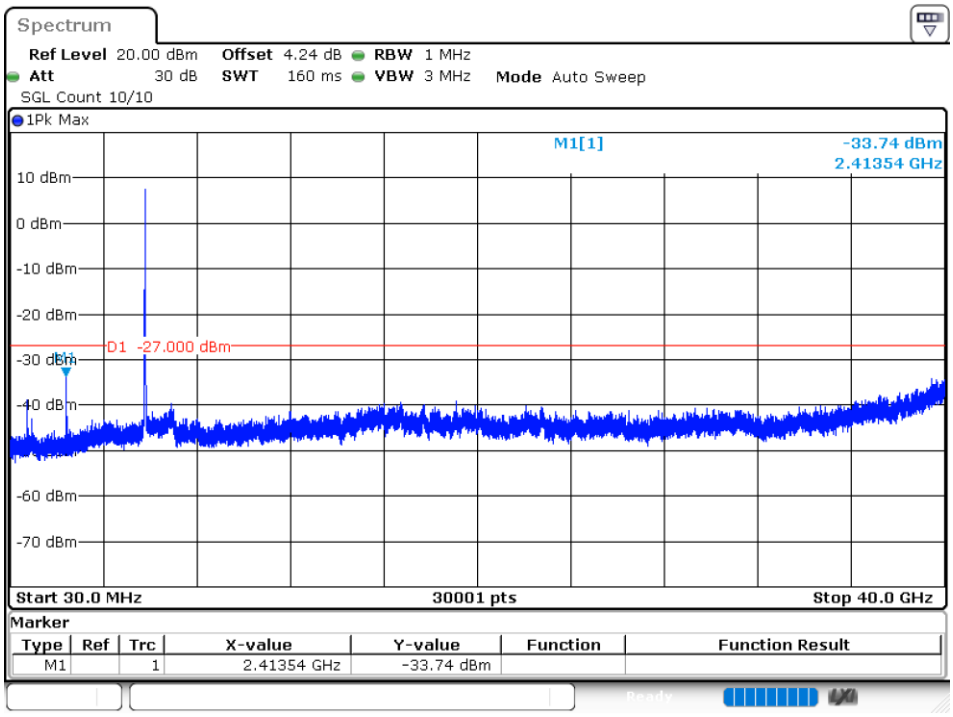
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-32.47	-27	Pass
NVNT	a	5785	Ant1	-33.73	-27	Pass
NVNT	a	5825	Ant1	-34.35	-27	Pass
NVNT	n20	5745	Ant1	-32.5	-27	Pass
NVNT	n20	5785	Ant1	-33.6	-27	Pass
NVNT	n20	5825	Ant1	-34.21	-27	Pass
NVNT	n40	5755	Ant1	-33.7	-27	Pass
NVNT	n40	5795	Ant1	-32.18	-27	Pass
NVNT	ac20	5745	Ant1	-33.59	-27	Pass
NVNT	ac20	5785	Ant1	-34.25	-27	Pass
NVNT	ac20	5825	Ant1	-34.79	-27	Pass
NVNT	ac40	5755	Ant1	-28.43	-27	Pass
NVNT	ac40	5795	Ant1	-34.09	-27	Pass
NVNT	ac80	5775	Ant1	-32.49	-27	Pass

Test Graphs

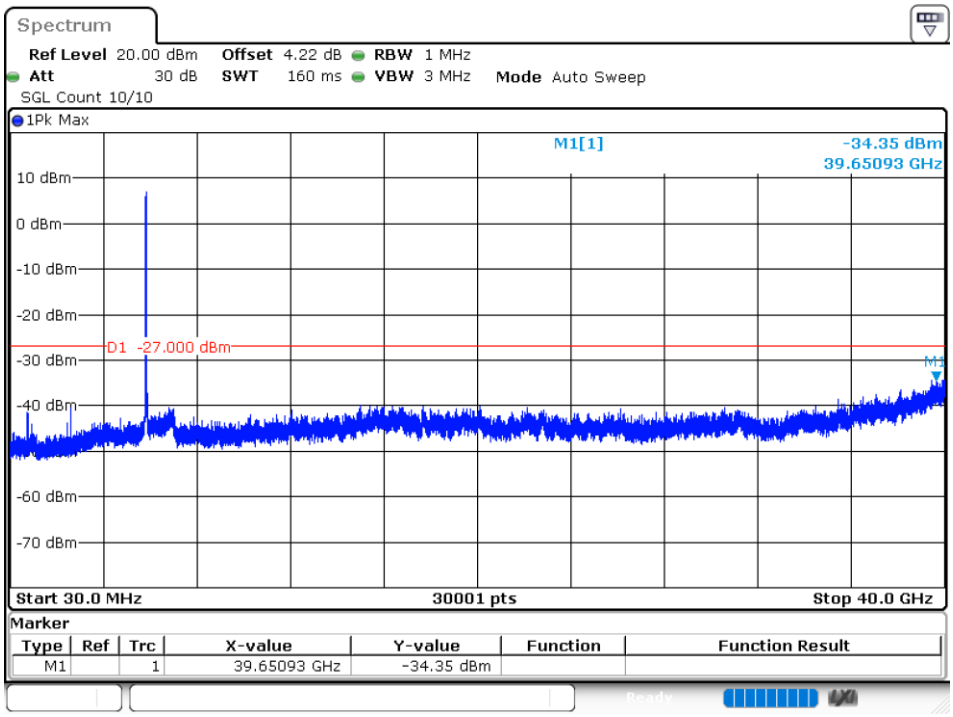
Tx. Spurious NVNT a 5745MHz Ant1 Emission



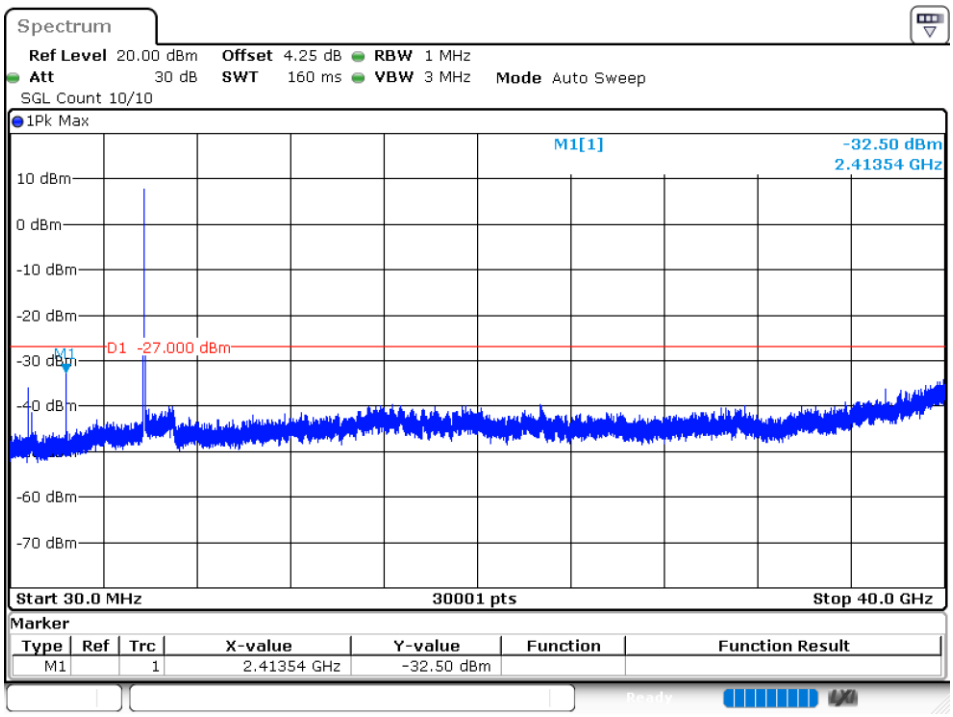
Tx. Spurious NVNT a 5785MHz Ant1 Emission



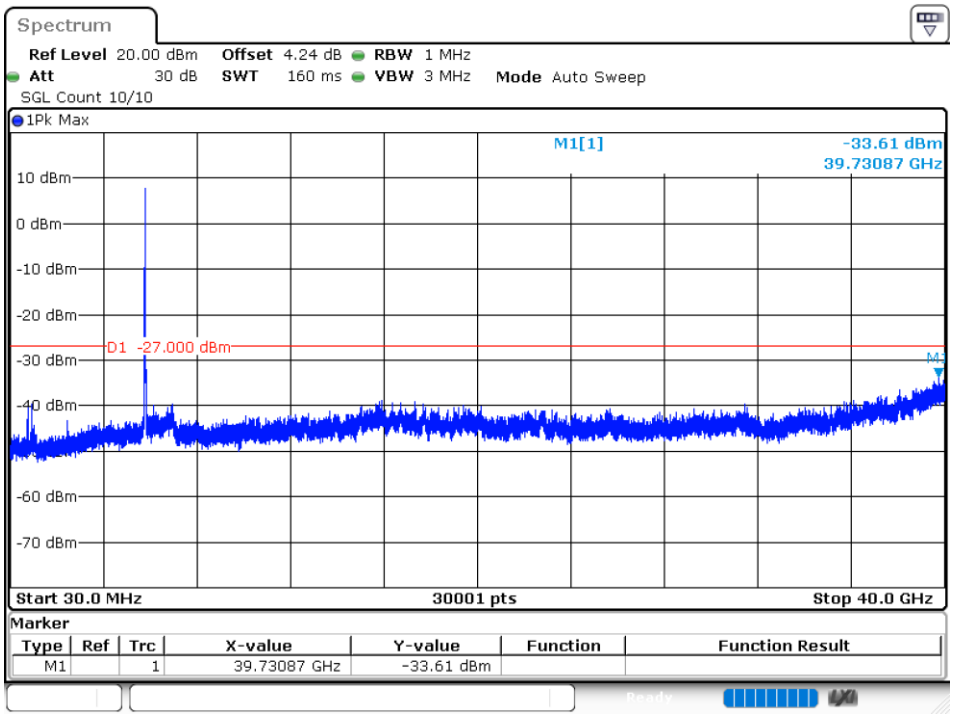
Tx. Spurious NVNT a 5825MHz Ant1 Emission



Tx. Spurious NVNT n20 5745MHz Ant1 Emission



Tx. Spurious NVNT n20 5785MHz Ant1 Emission



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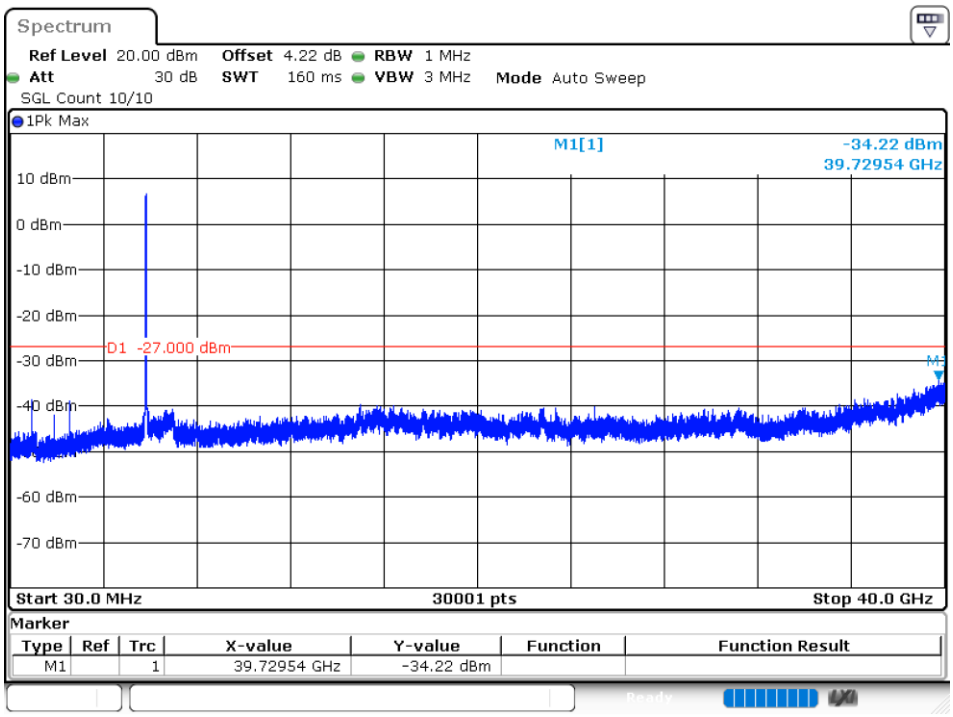
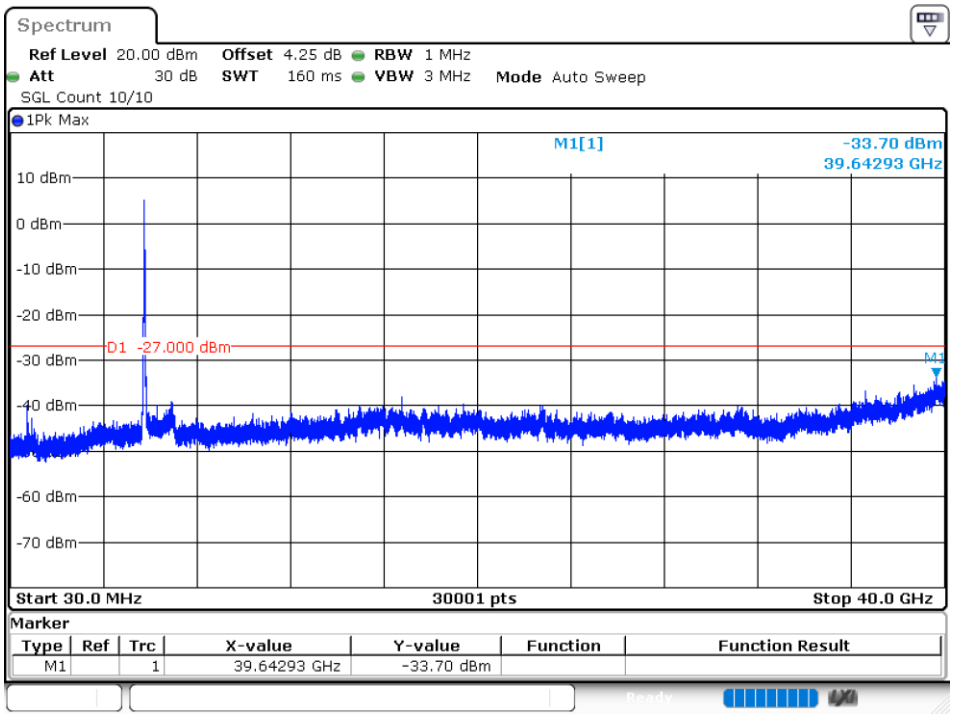
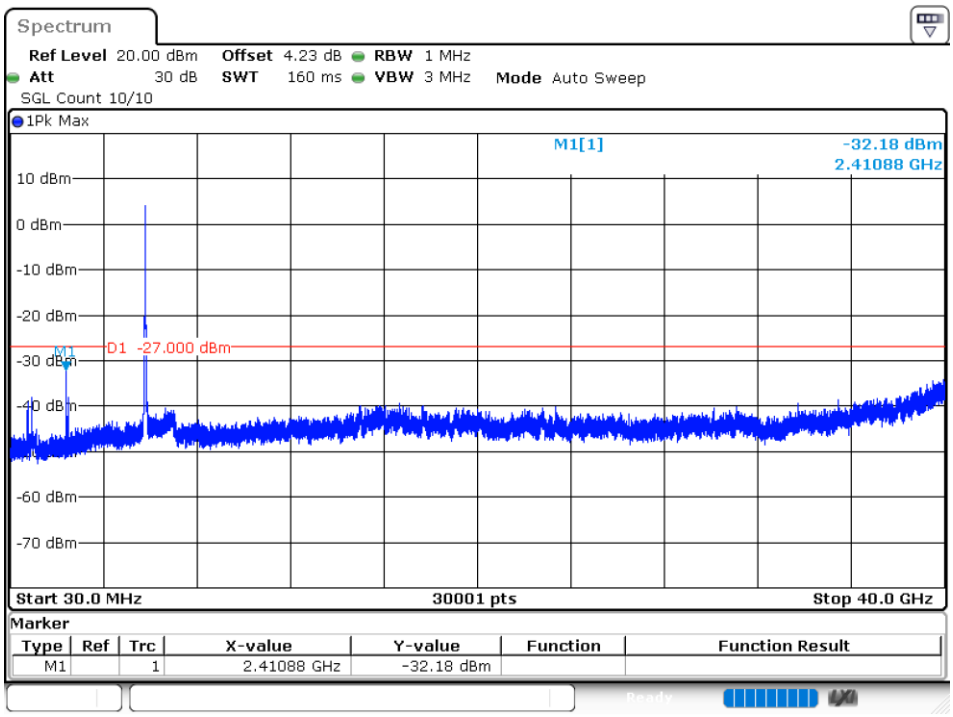


Tx. Spurious NVNT n40 5755MHz Ant1 Emission



Tx. Spurious NVNT n40 5795MHz Ant1 Emission



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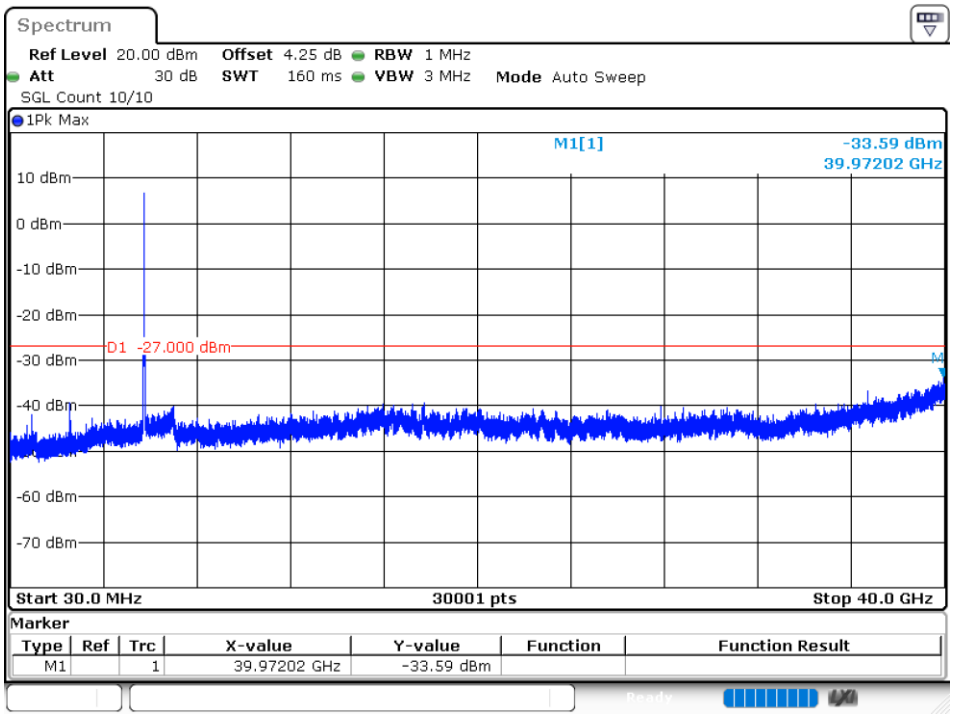
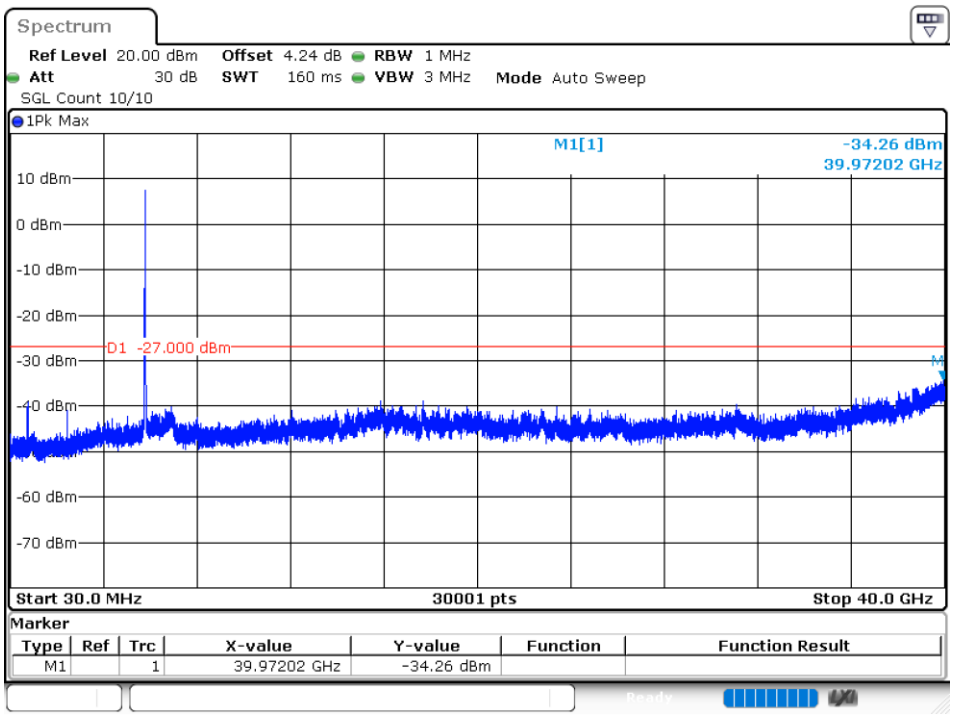
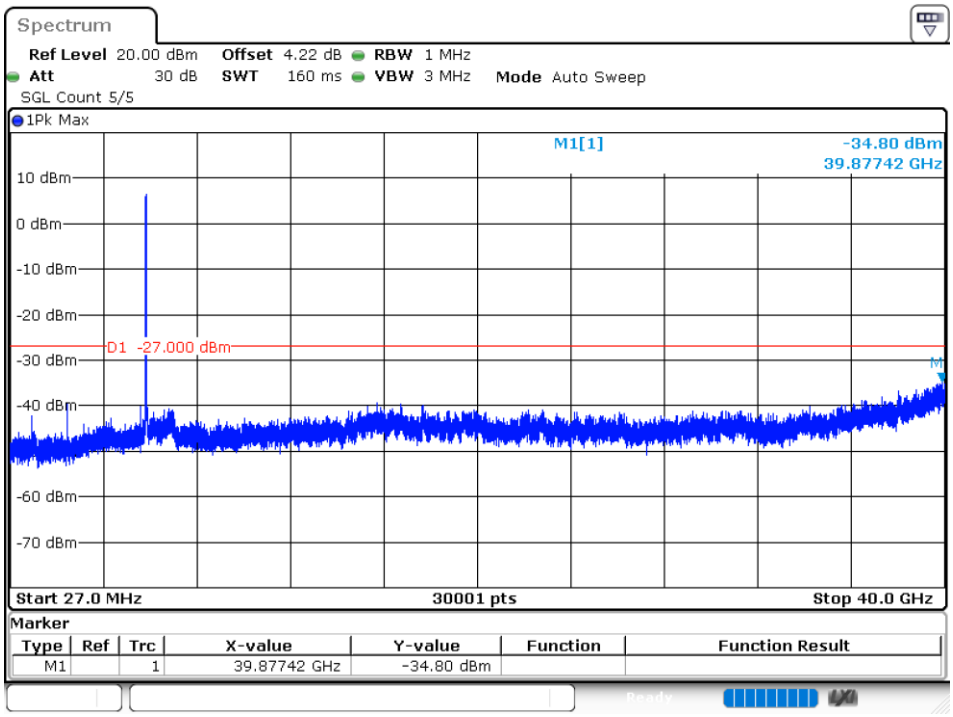


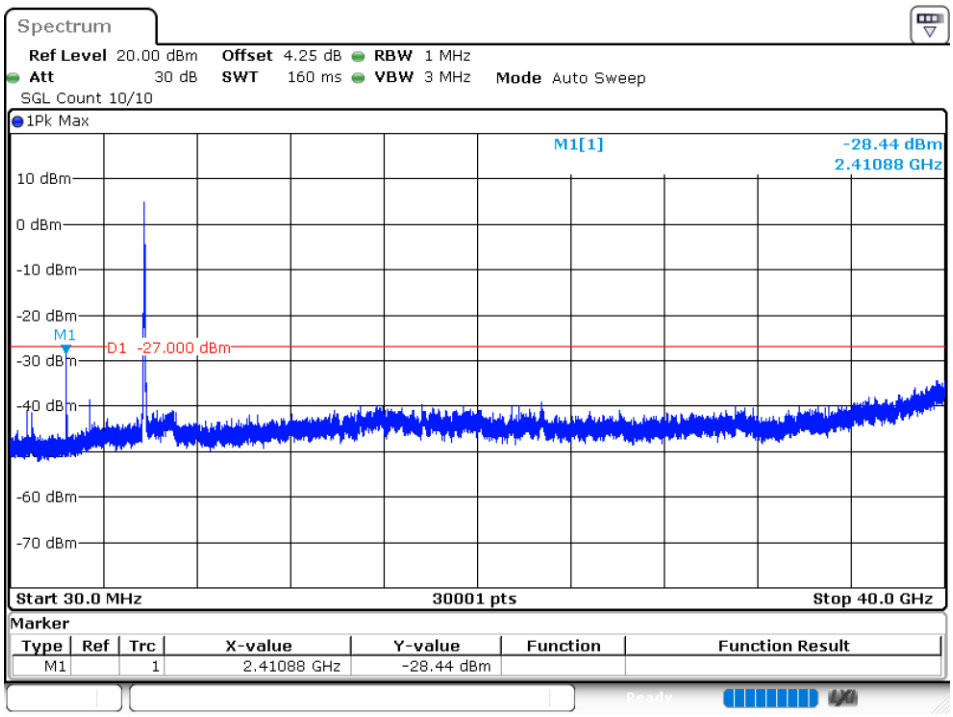
Tx. Spurious NVNT ac20 5785MHz Ant1 Emission



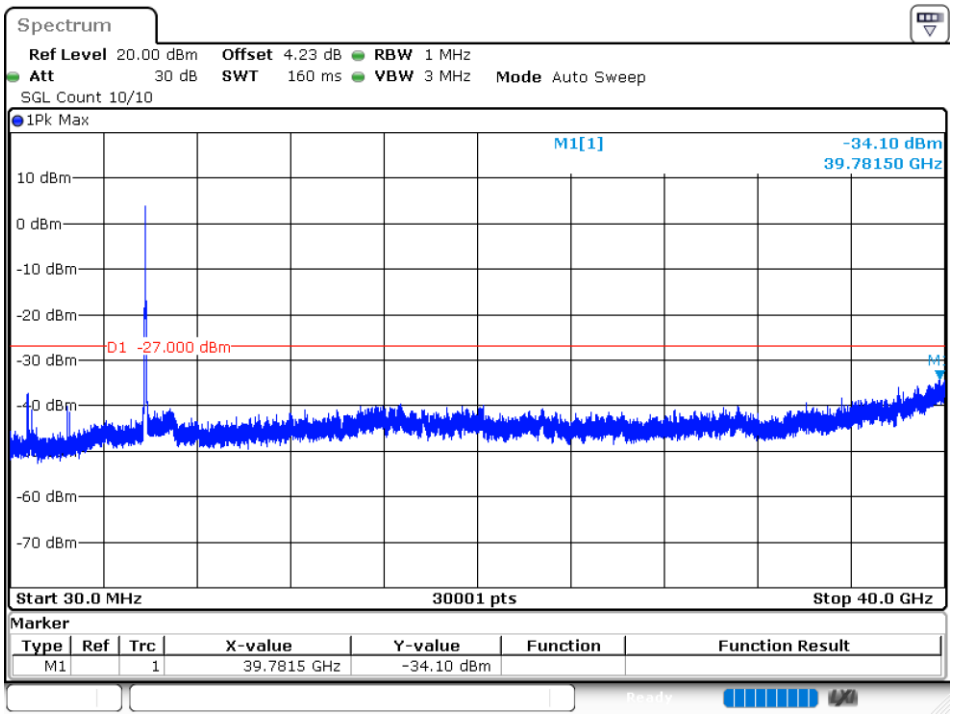
Tx. Spurious NVNT ac20 5825MHz Ant1 Emission



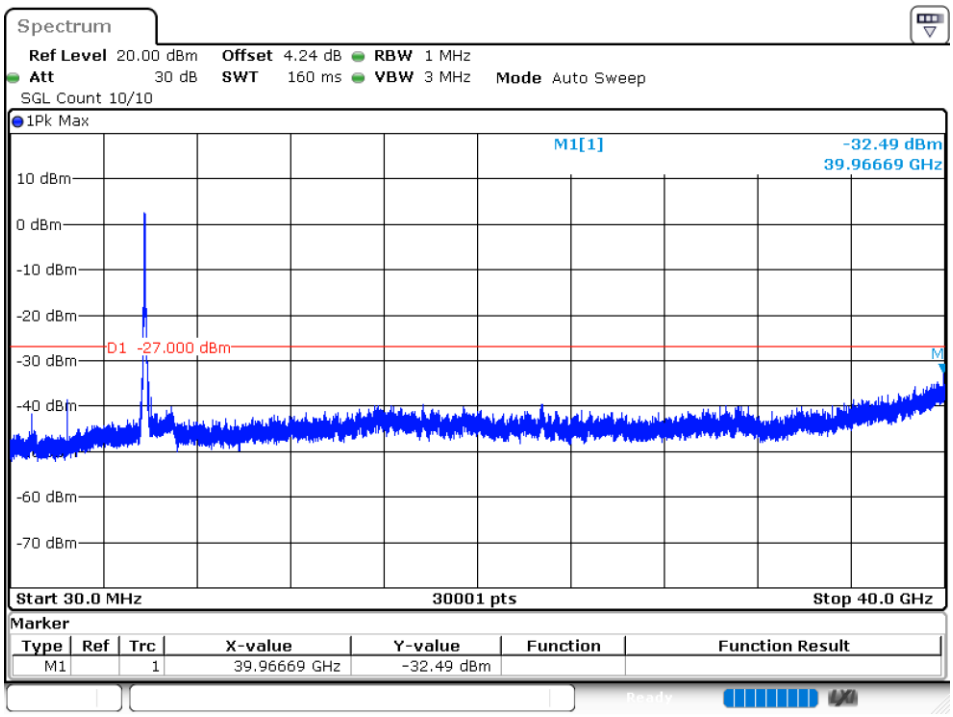
Tx. Spurious NVNT ac40 5755MHz Ant1 Emission



Tx. Spurious NVNT ac40 5795MHz Ant1 Emission



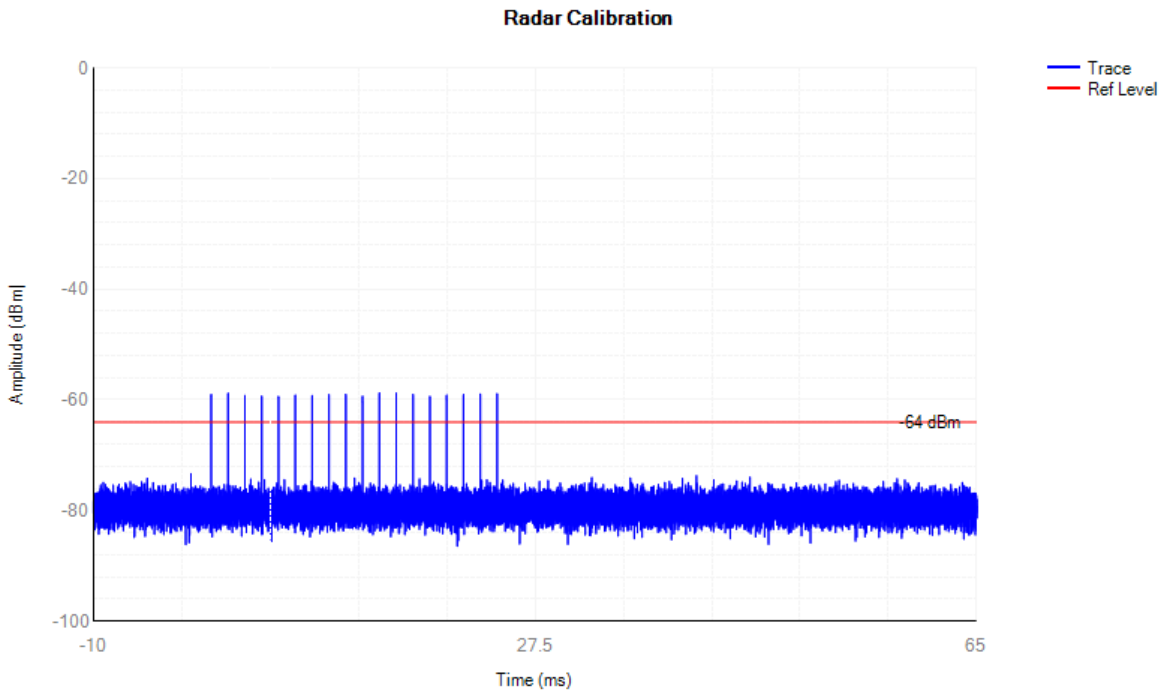
Tx. Spurious NVNT ac80 5775MHz Ant1 Emission



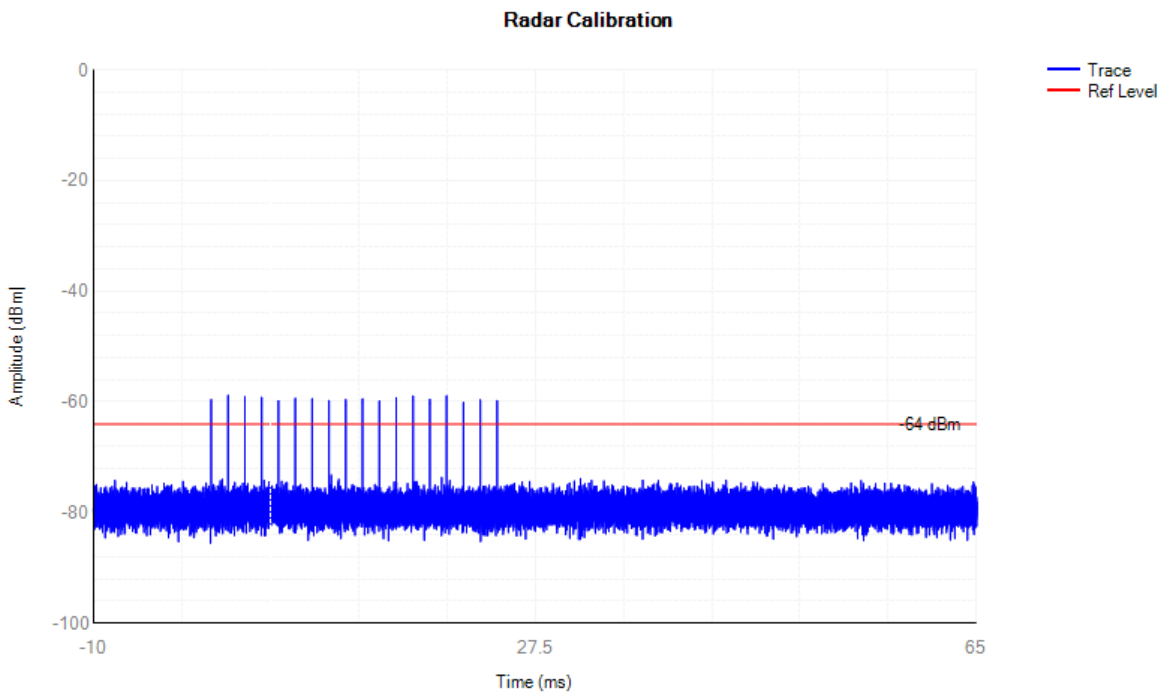
DFS

Calibration

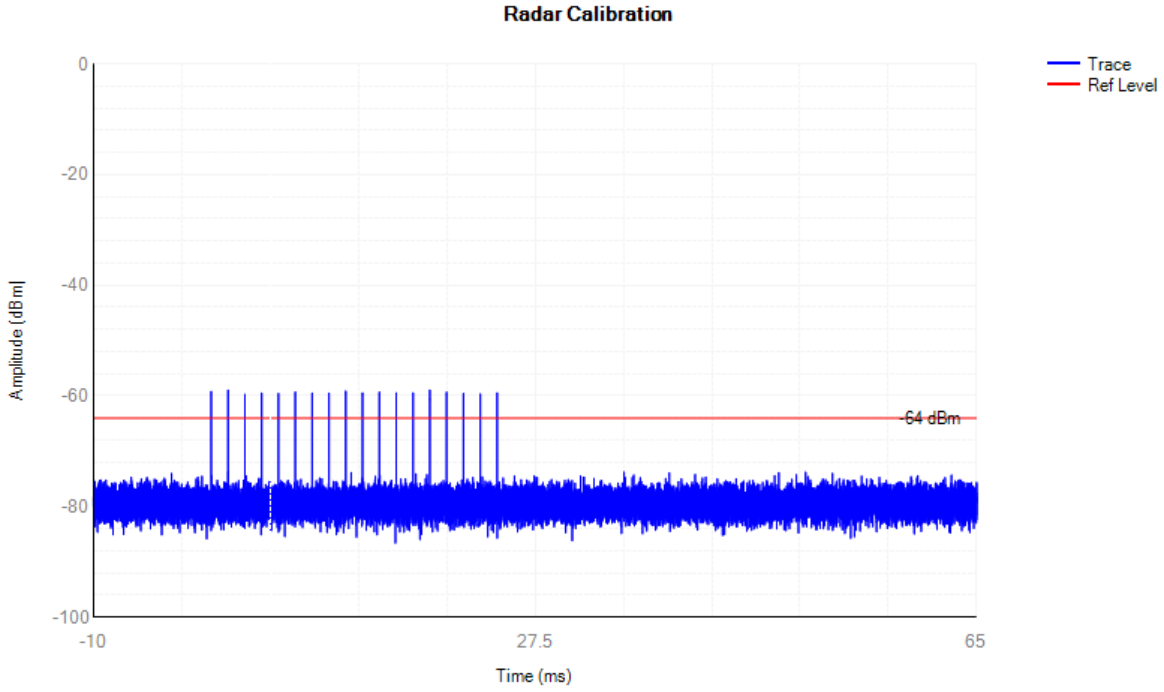
5290MHz ac80 DFS_FCC_T0



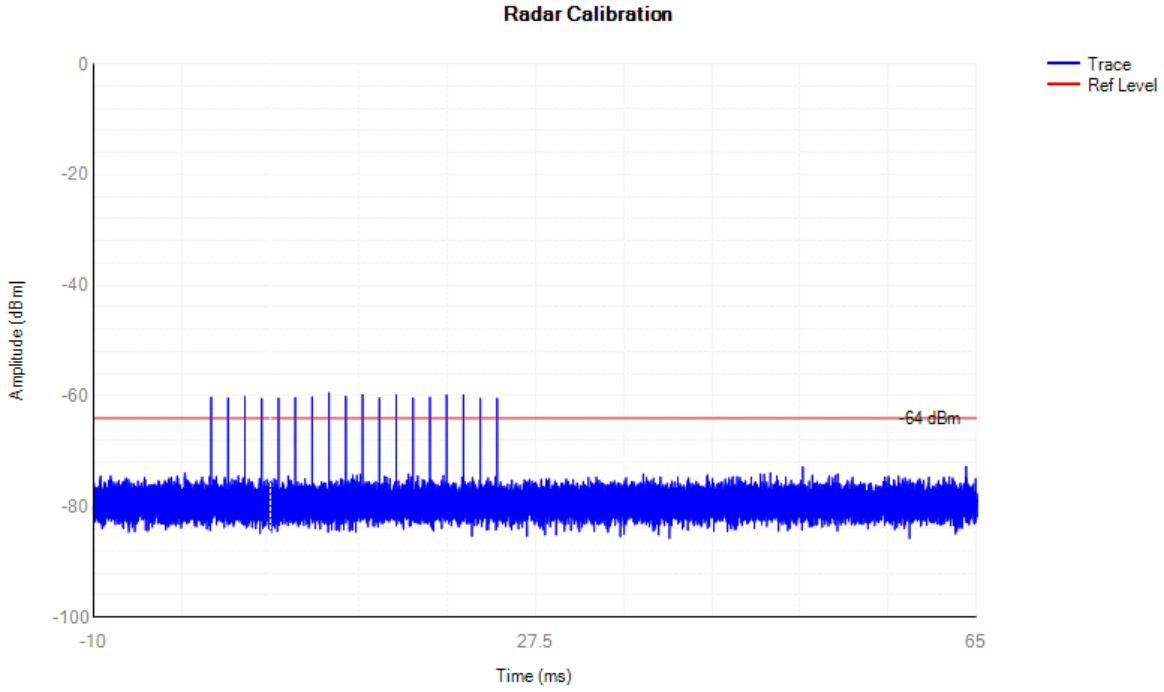
5530MHz ac80 DFS_FCC_T0



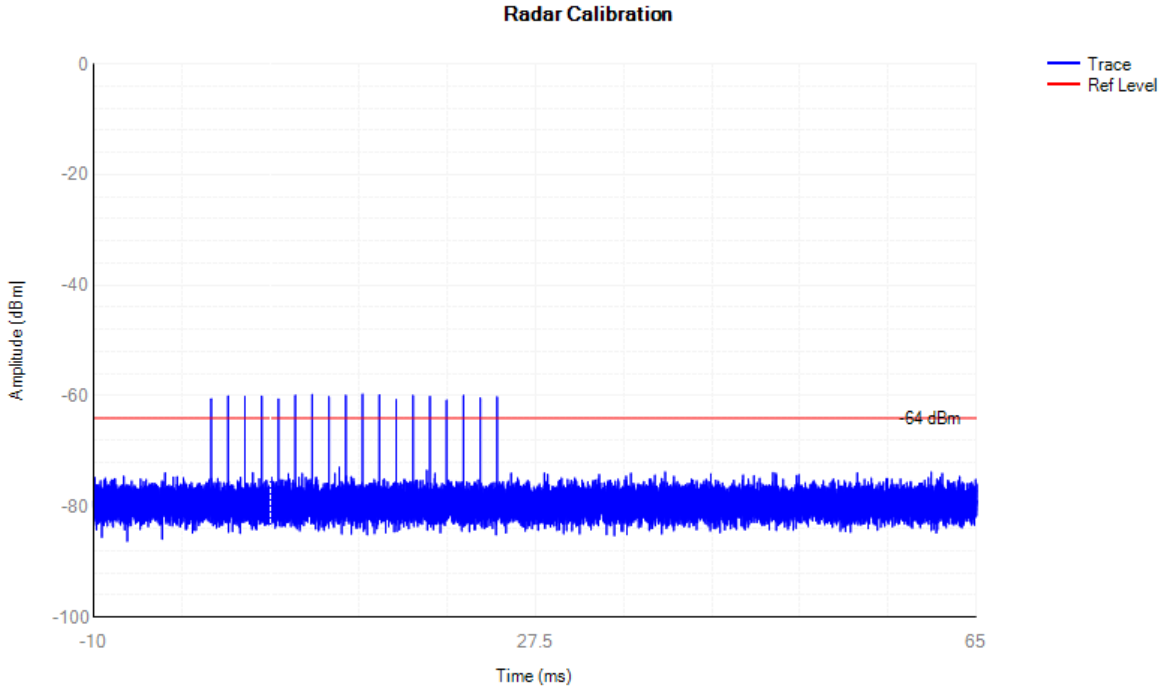
5310MHz n40 DFS_FCC_T0



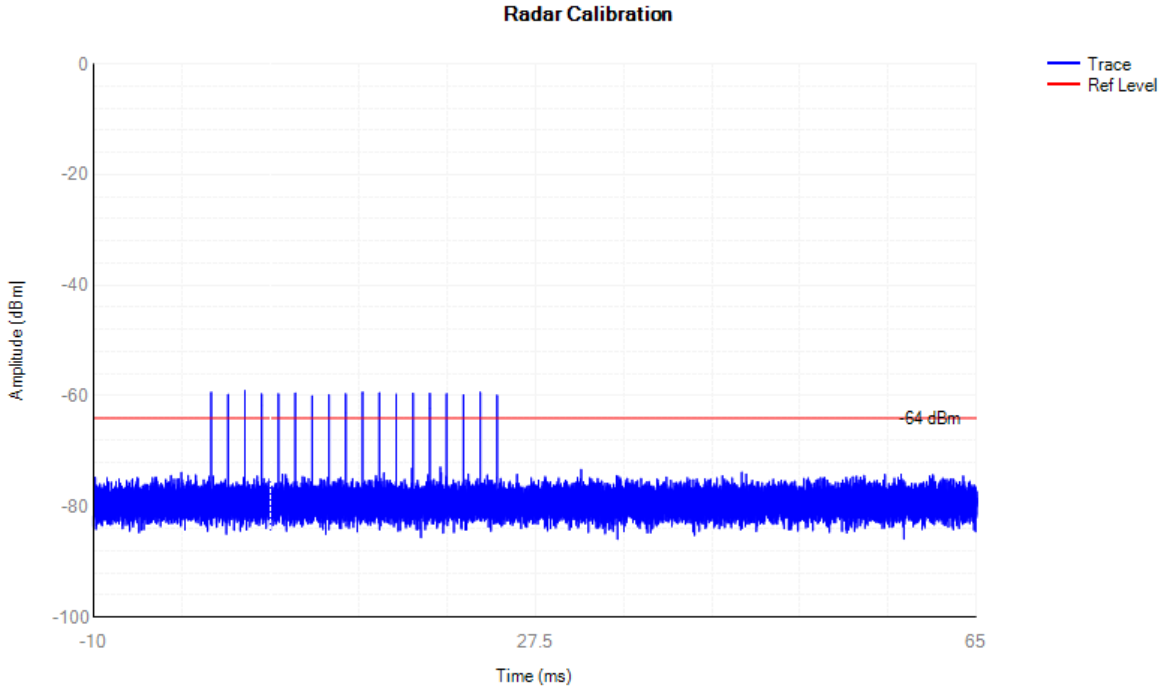
5510MHz n40 DFS_FCC_T0



5320MHz a DFS_FCC_T0

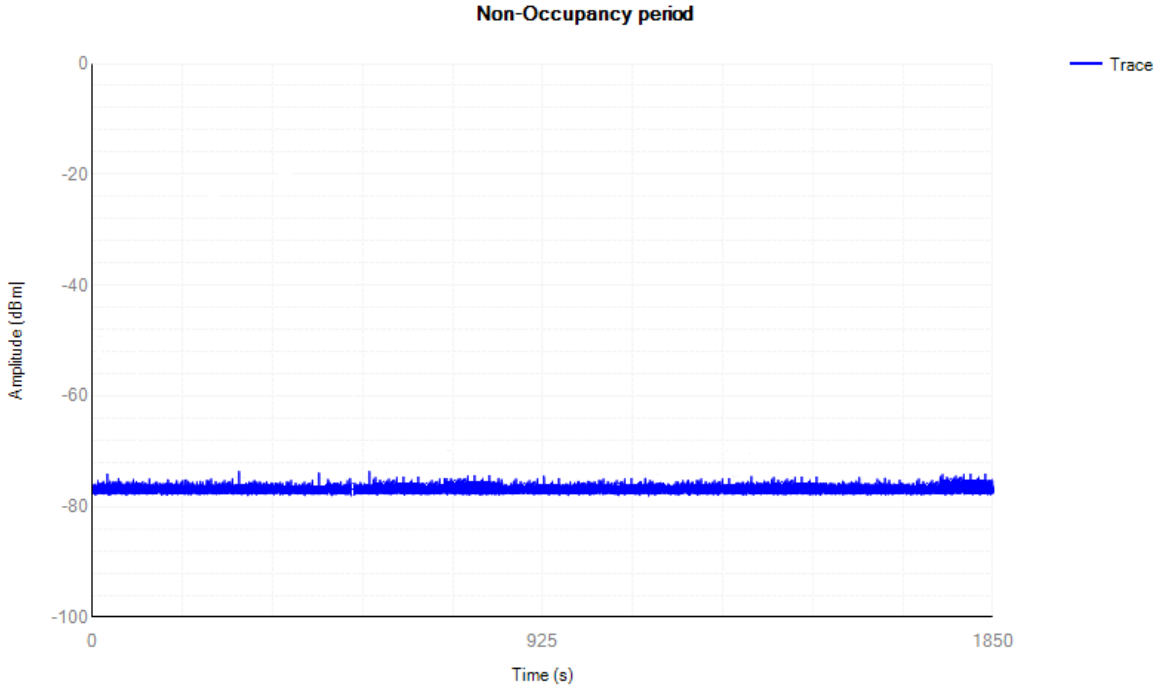


5500MHz a DFS_FCC_T0

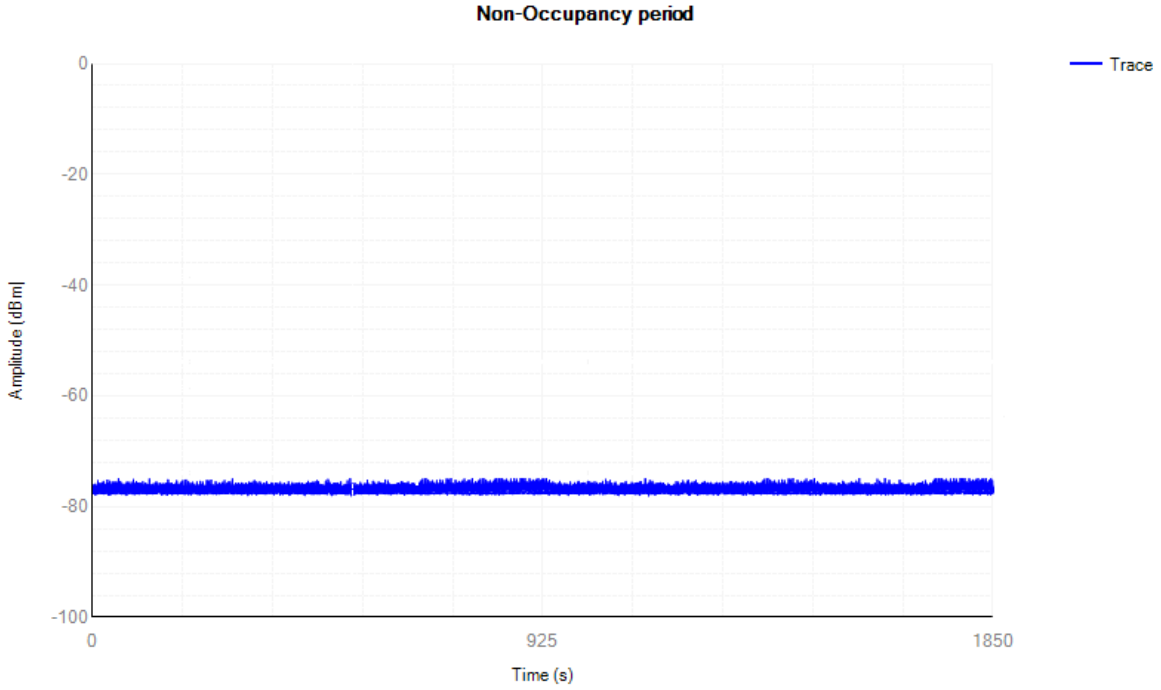


Non-Occupancy

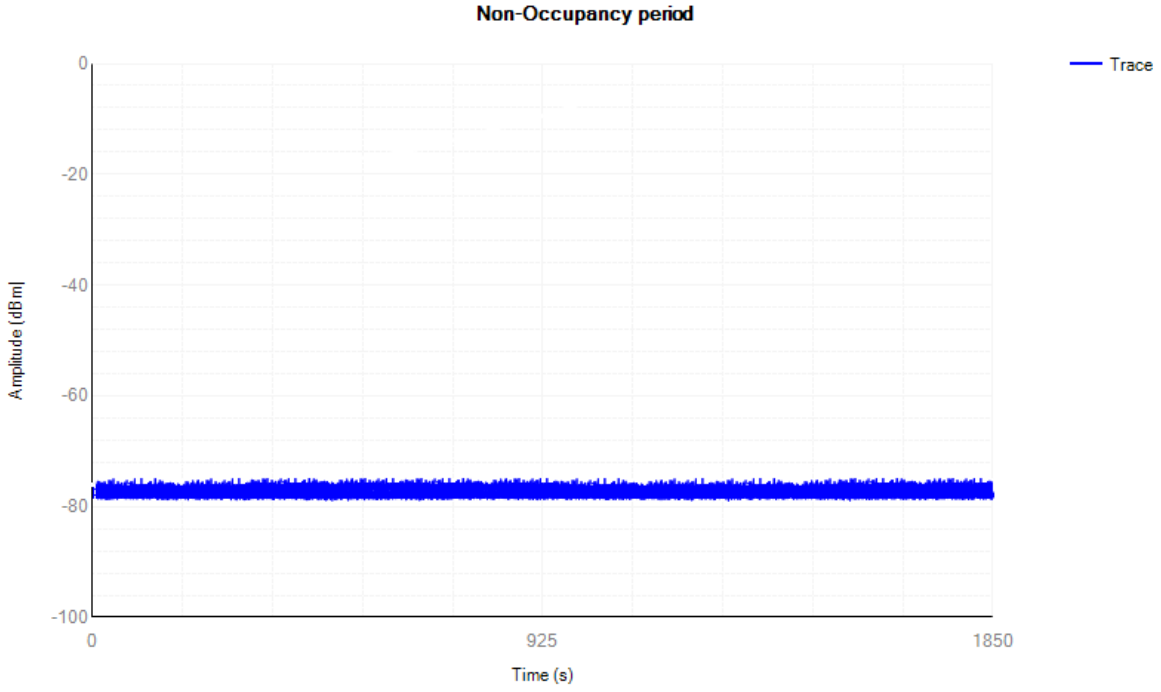
5290MHz ac80 Non-Occupancy



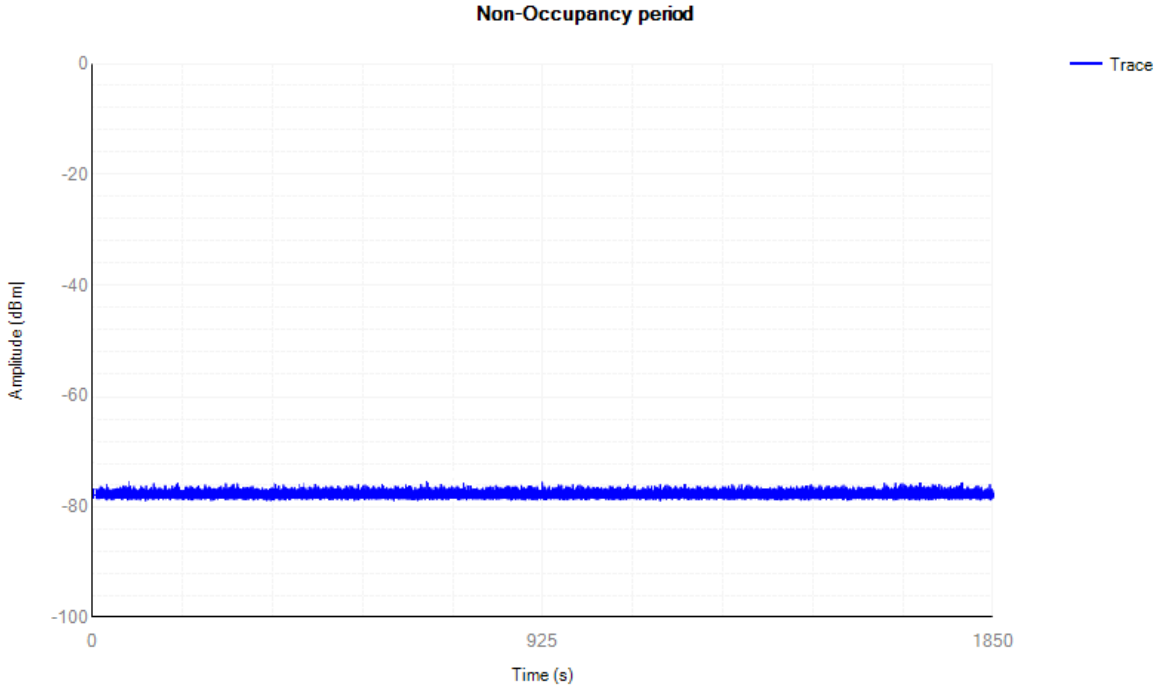
5530MHz ac80 Non-Occupancy



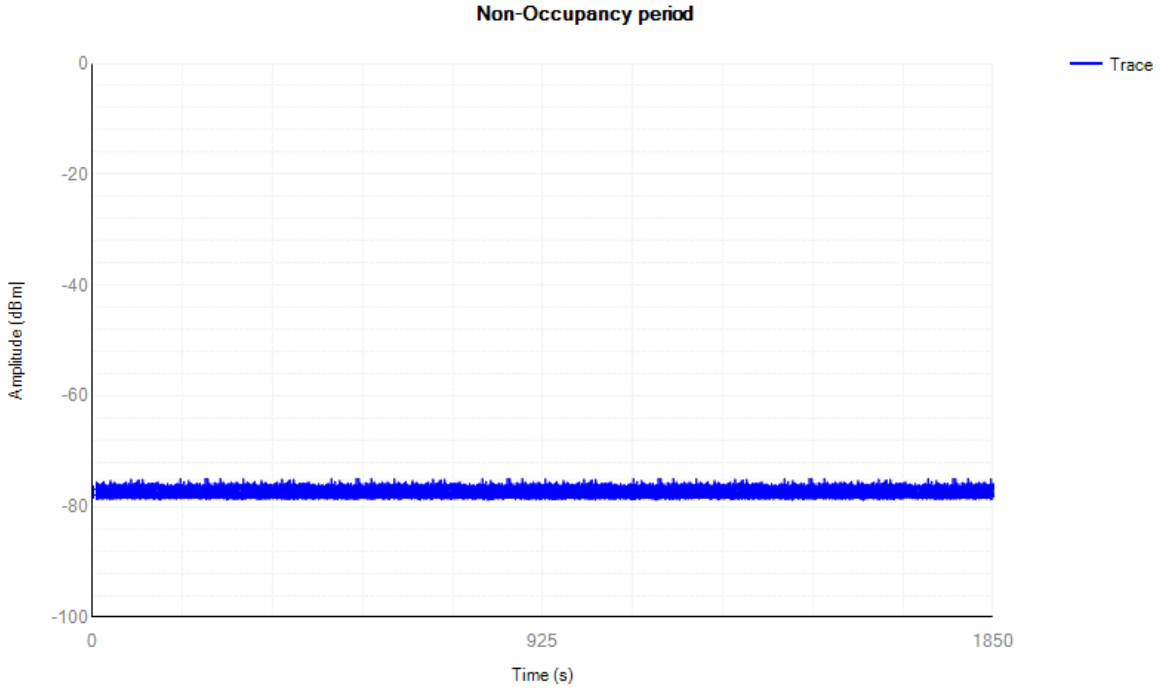
5310MHz n40 Non-Occupancy



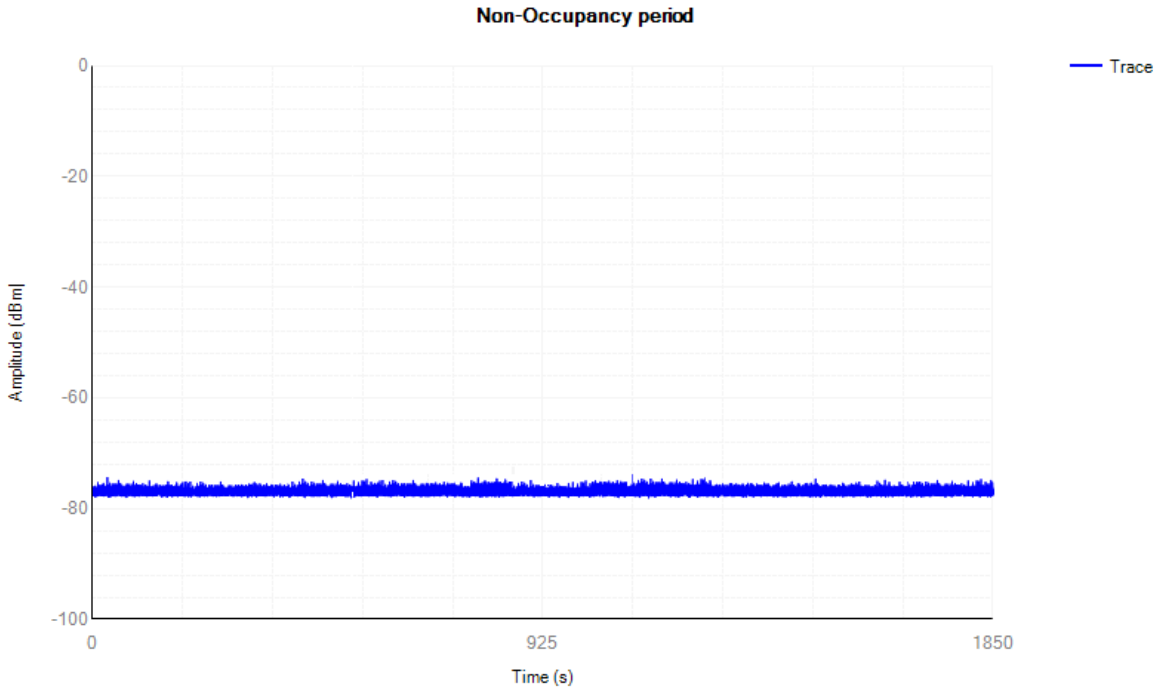
5510MHz n40 Non-Occupancy



5320MHz a Non-Occupancy



5500MHz a Non-Occupancy

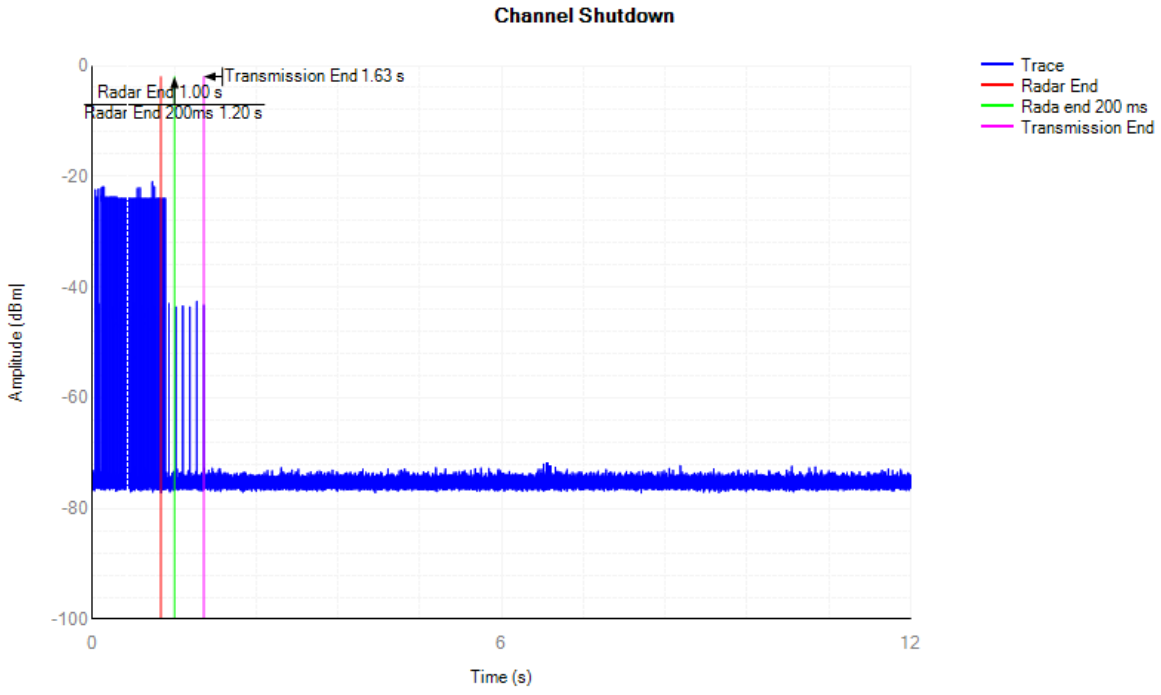


Shutdown Time

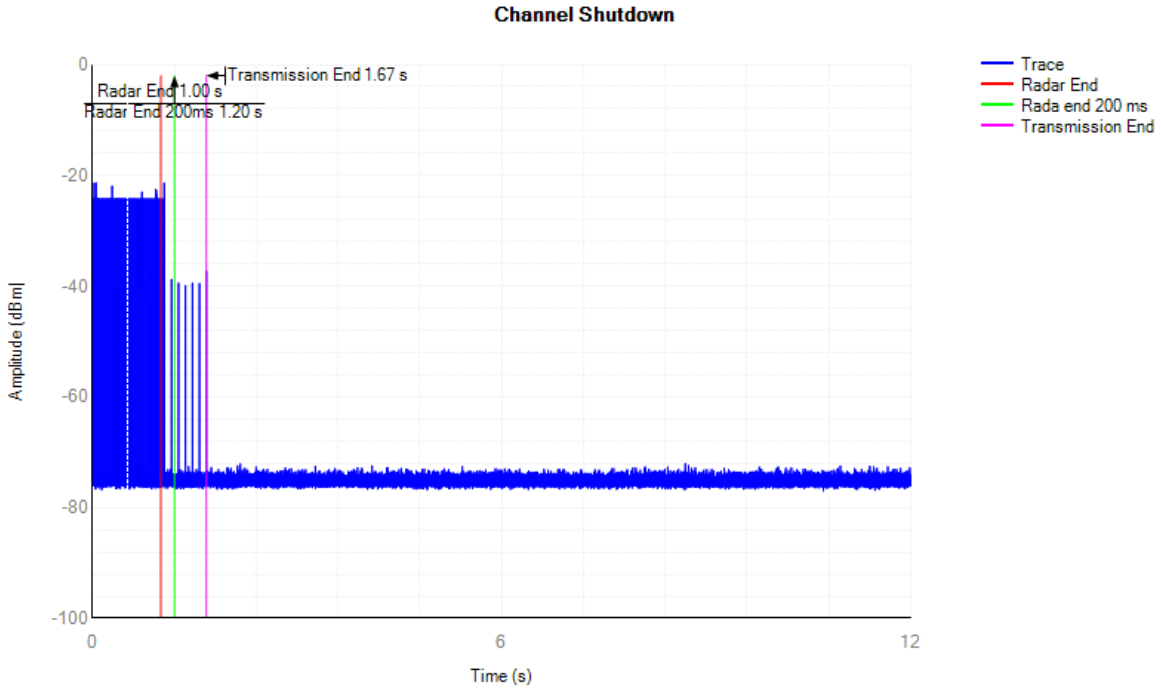
Mode	Frequency (MHz)	Channel Move Time (s)	Limit Channel Move Time (s)	Close Transmission Time (s)	Limit Close Transmission Time (s)	Close Transmission Time after 200ms(s)	Limit Close Transmission Time after 200ms (s)	Verdict
a	5260	0.63	10	0.006	0.26	0.002	0.06	Pass
a	5500	0.6684	10	0.0072	0.26	0.002	0.06	Pass

n40	5270	0.404	10	0.002	0.26	0.0012	0.06	Pass
n40	5510	0.0724	10	0.002	0.26	0	0.06	Pass
ac80	5290	0.0648	10	0.0036	0.26	0	0.06	Pass
ac80	5530	0.3752	10	0.0052	0.26	0.0008	0.06	Pass

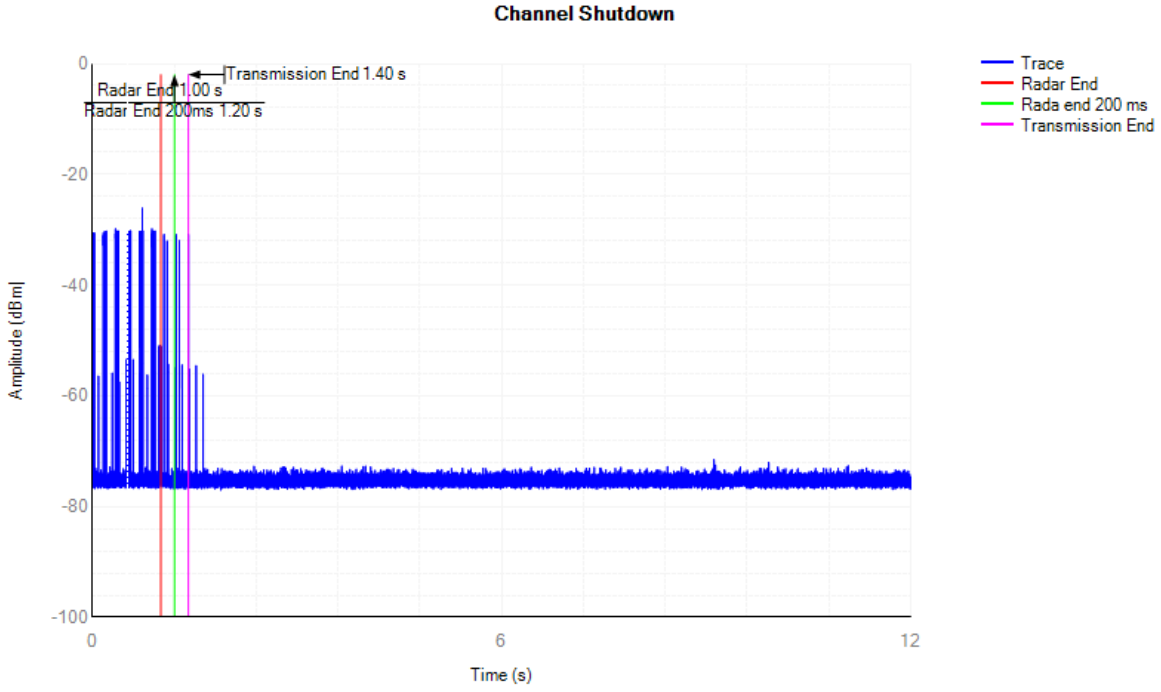
5260MHz a Shutdown



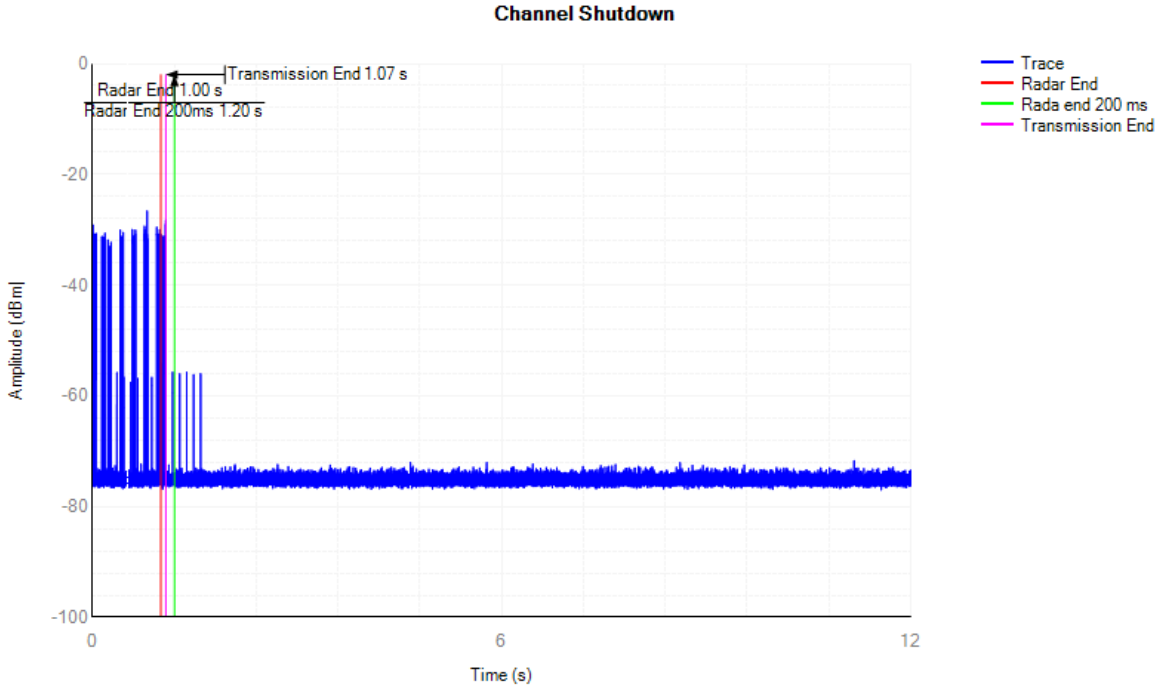
5500MHz a Shutdown



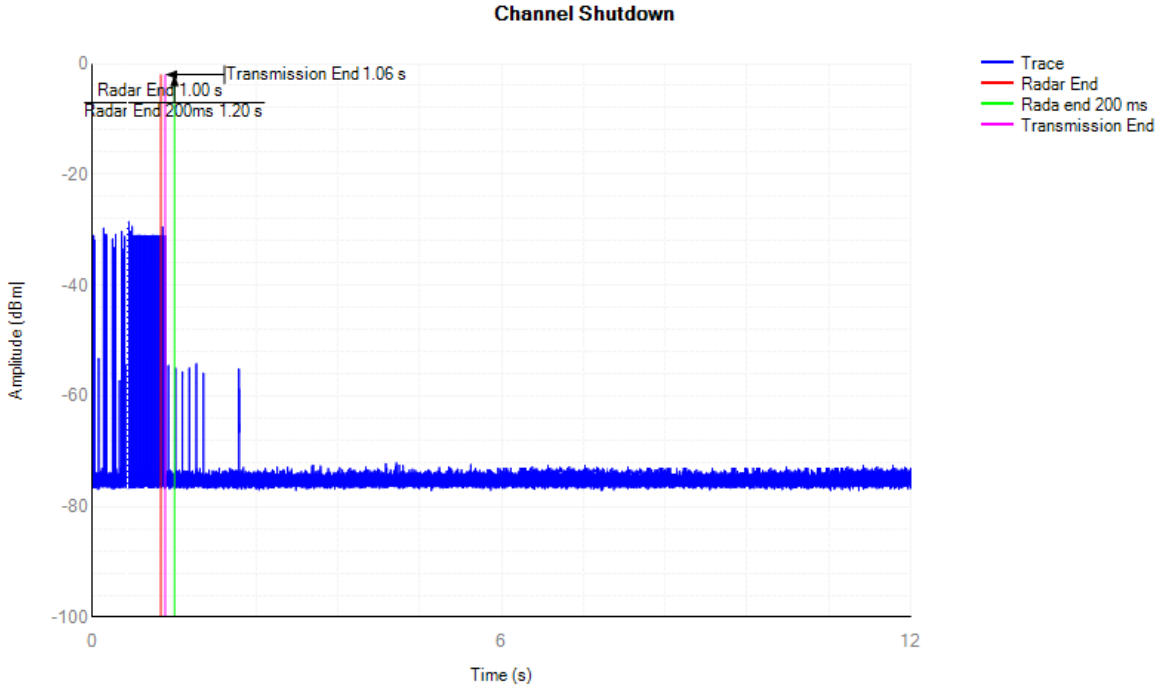
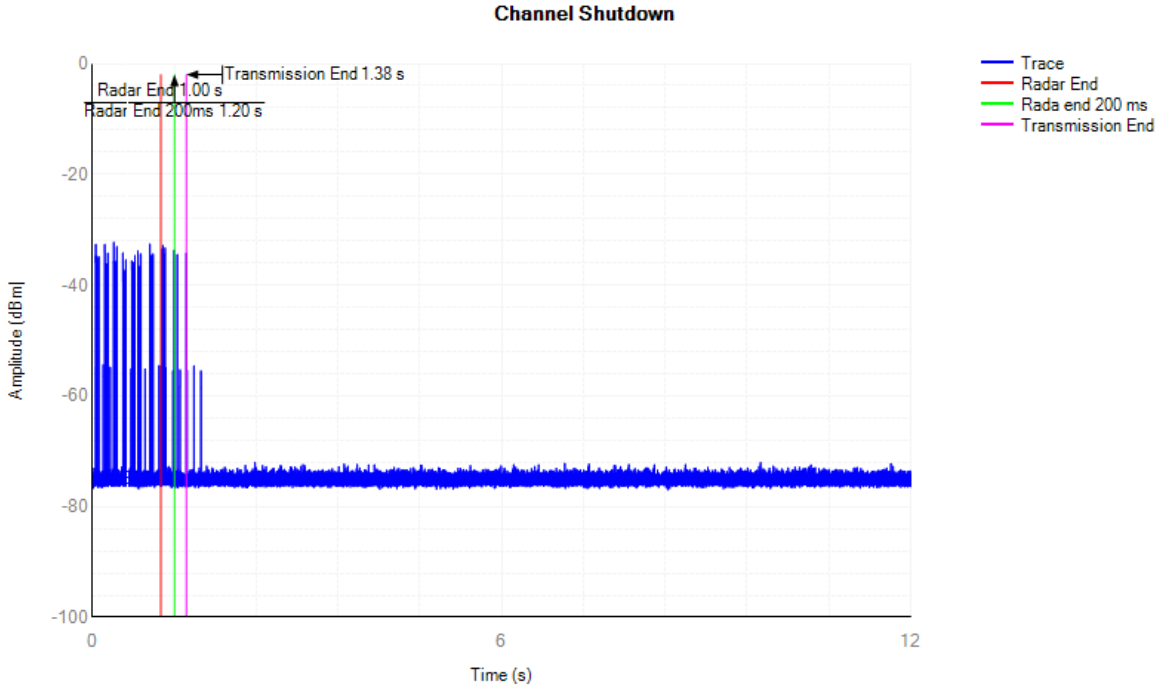
5270MHz n40 Shutdown



5510MHz n40 Shutdown



5290MHz ac80 Shutdown



5530MHz ac80 Shutdown