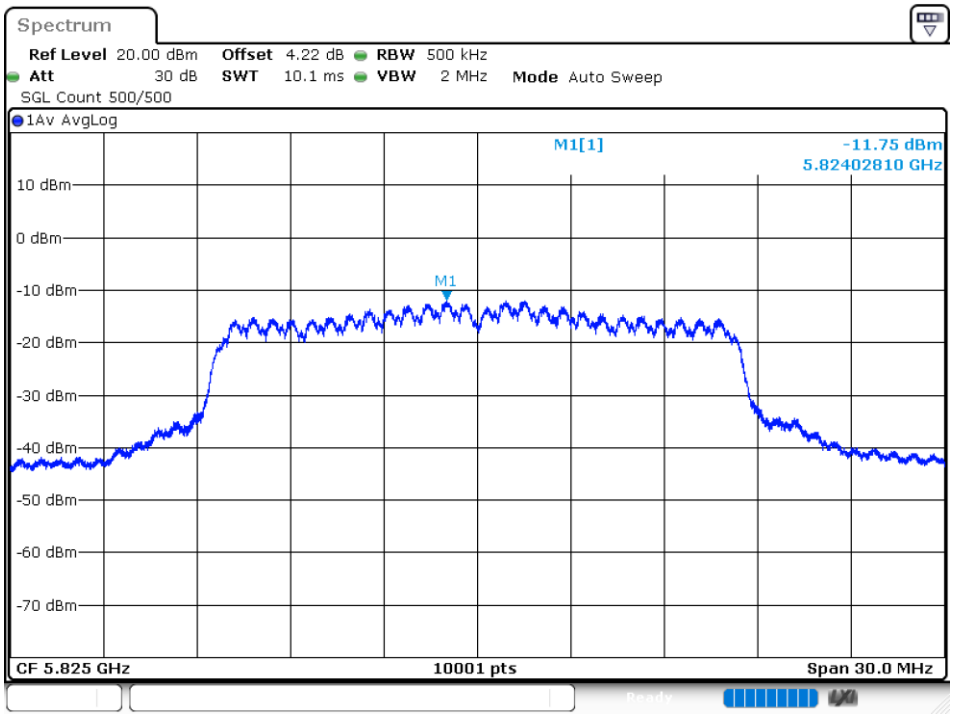
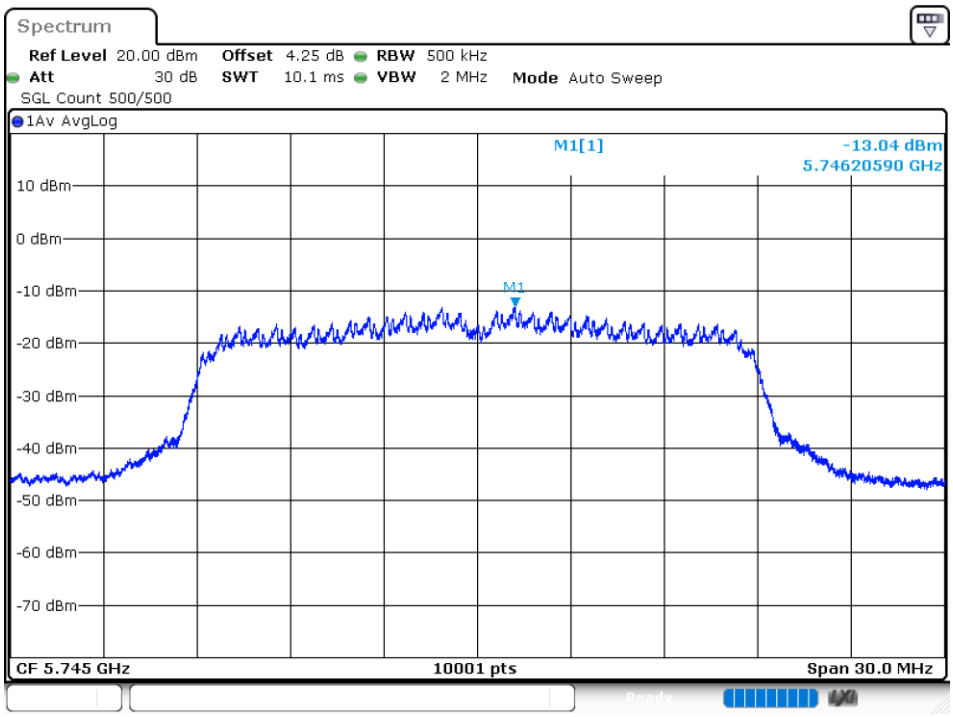
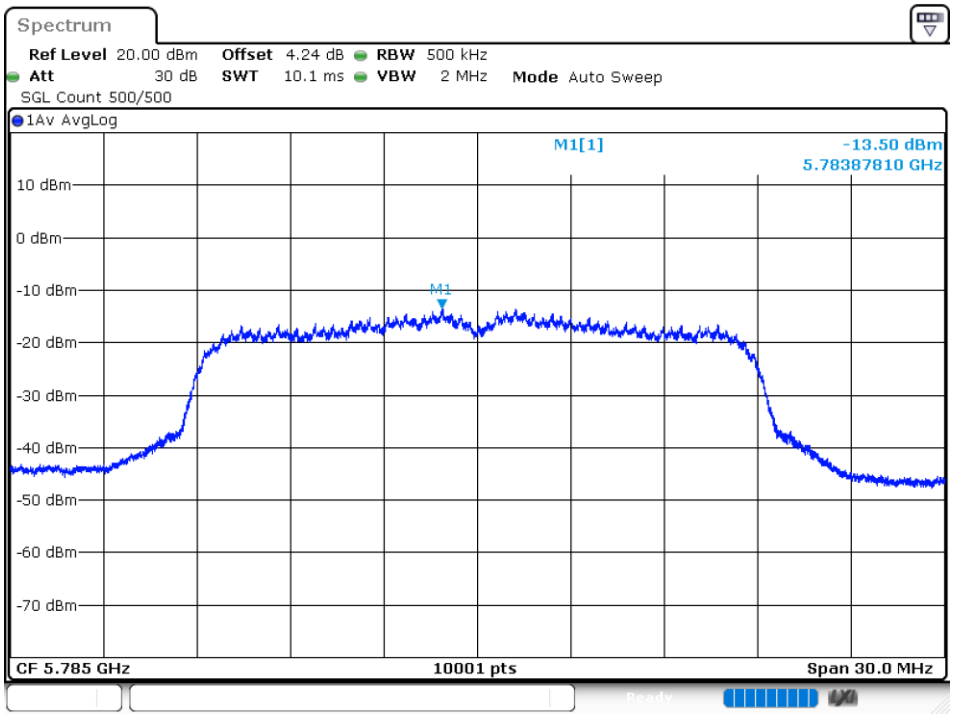
PSD NVNT a 5825MHz Ant1



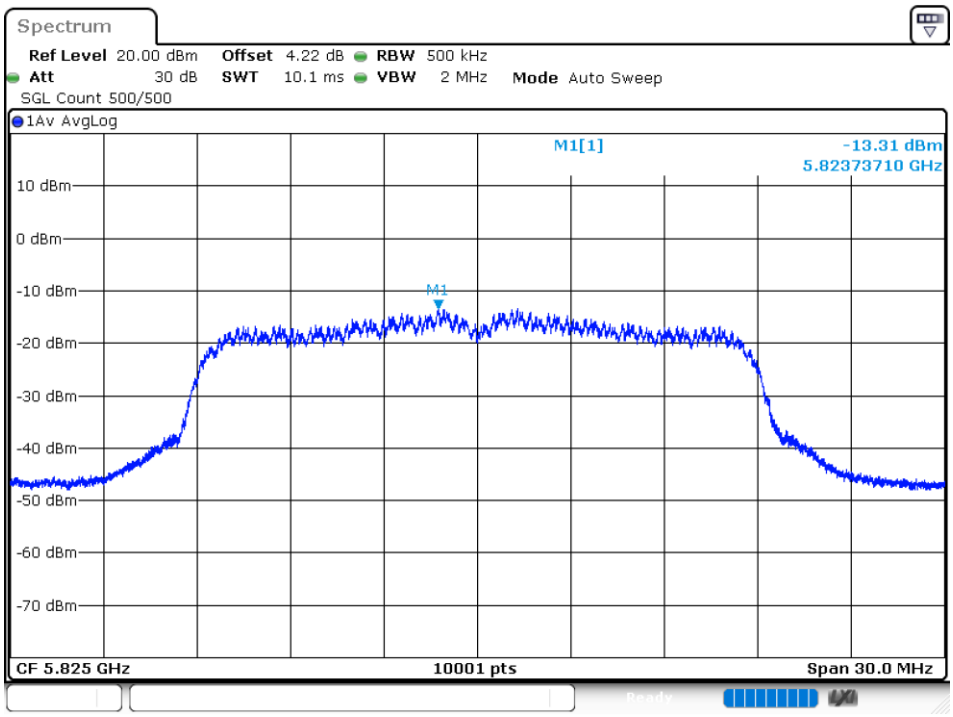
PSD NVNT n20 5745MHz Ant1



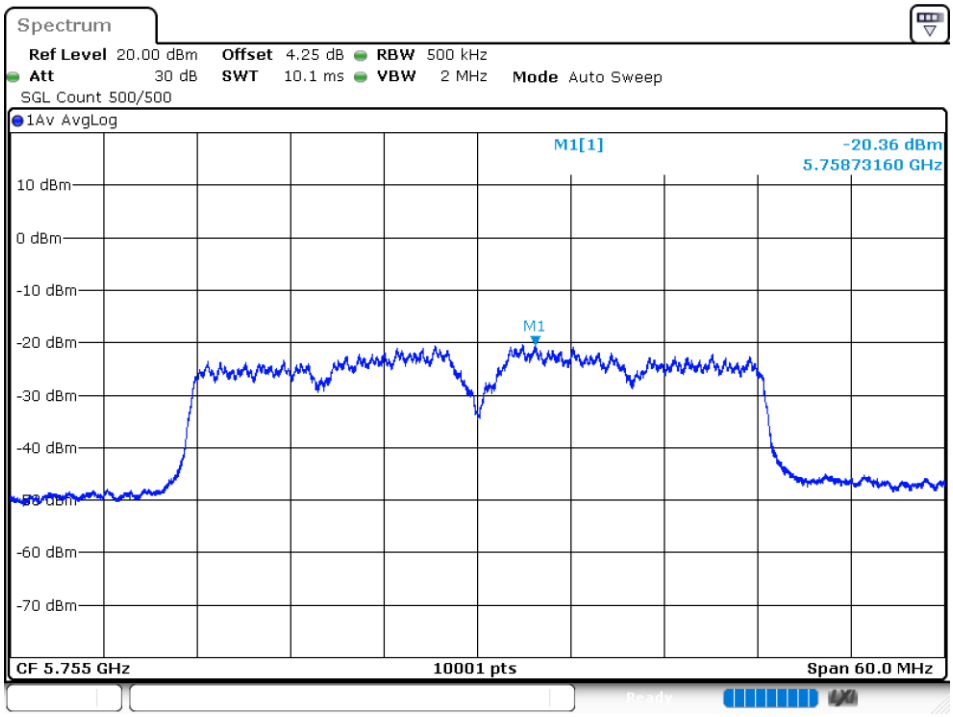
PSD NVNT n20 5785MHz Ant1



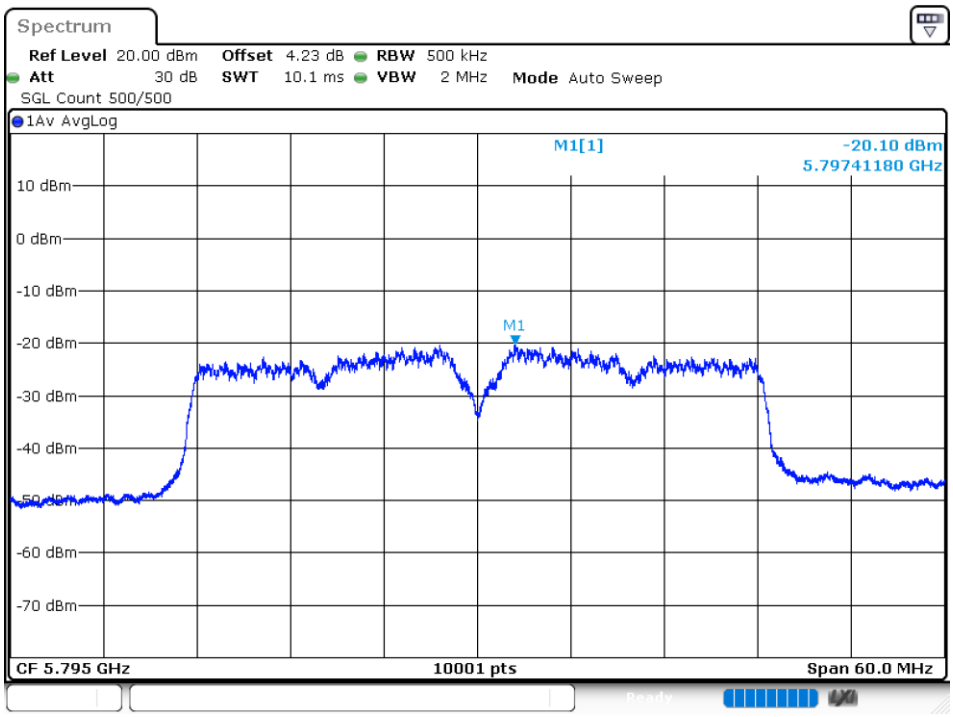
PSD NVNT n20 5825MHz Ant1



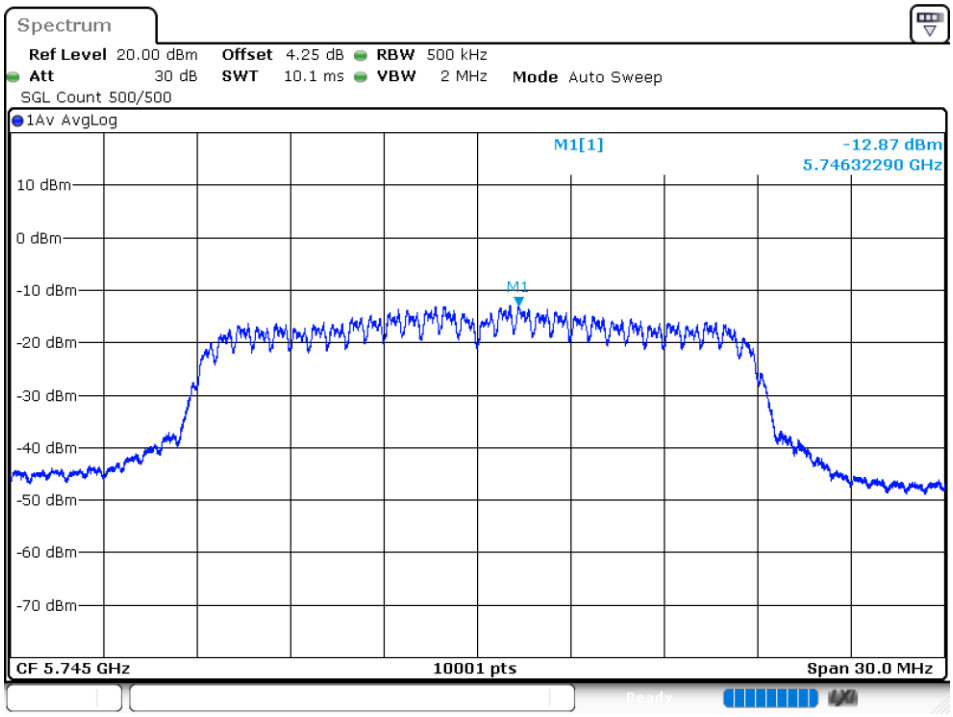
PSD NVNT n40 5755MHz Ant1



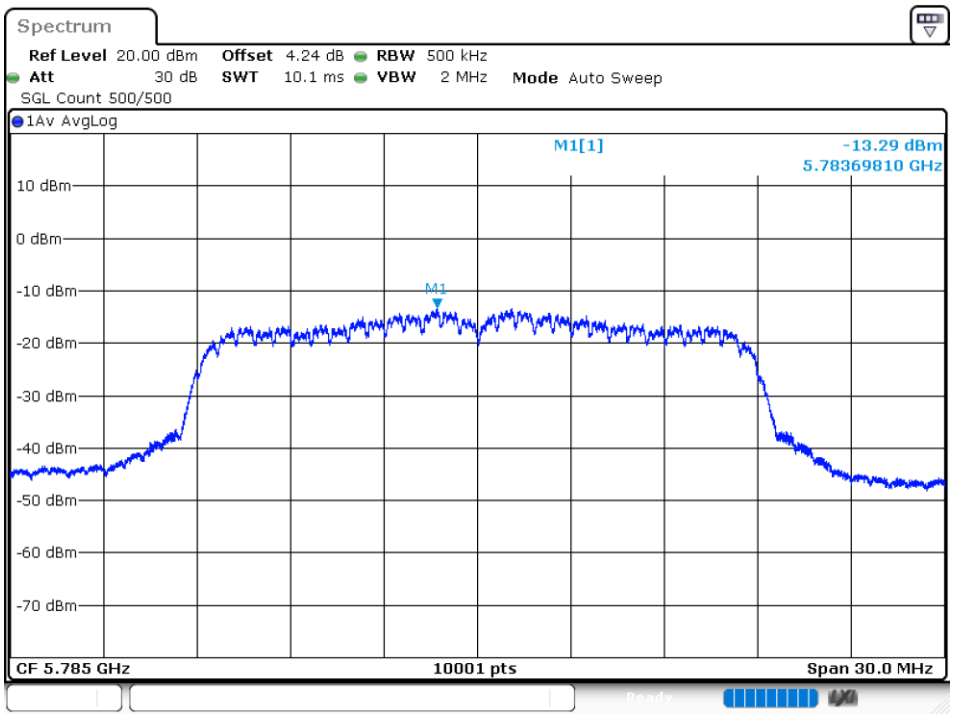
PSD NVNT n40 5795MHz Ant1



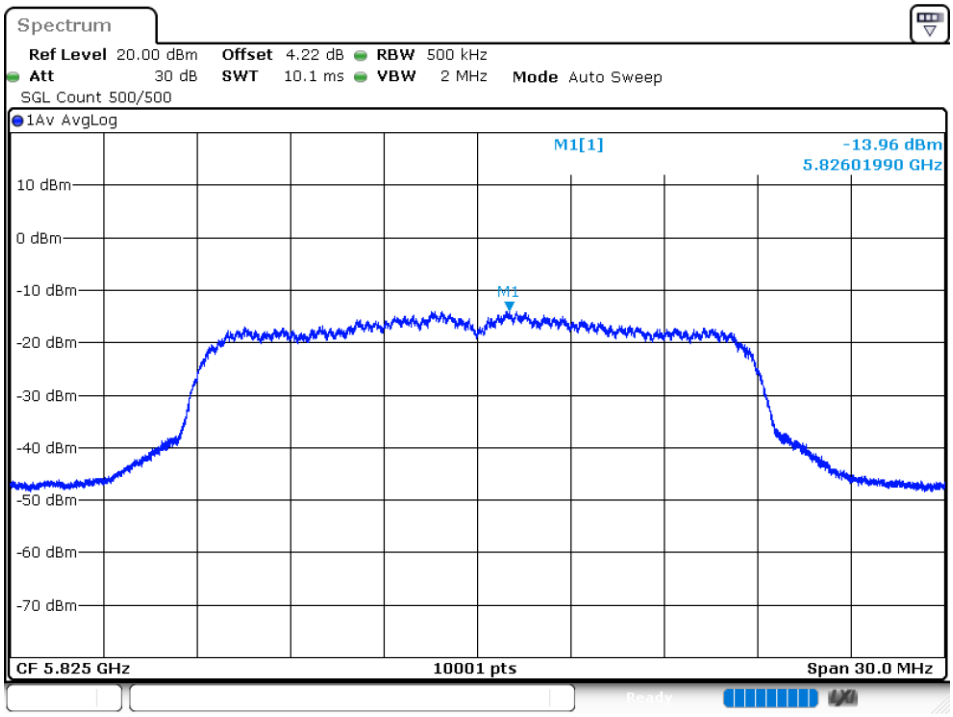
PSD NVNT ac20 5745MHz Ant1



PSD NVNT ac20 5785MHz Ant1



PSD NVNT ac20 5825MHz Ant1



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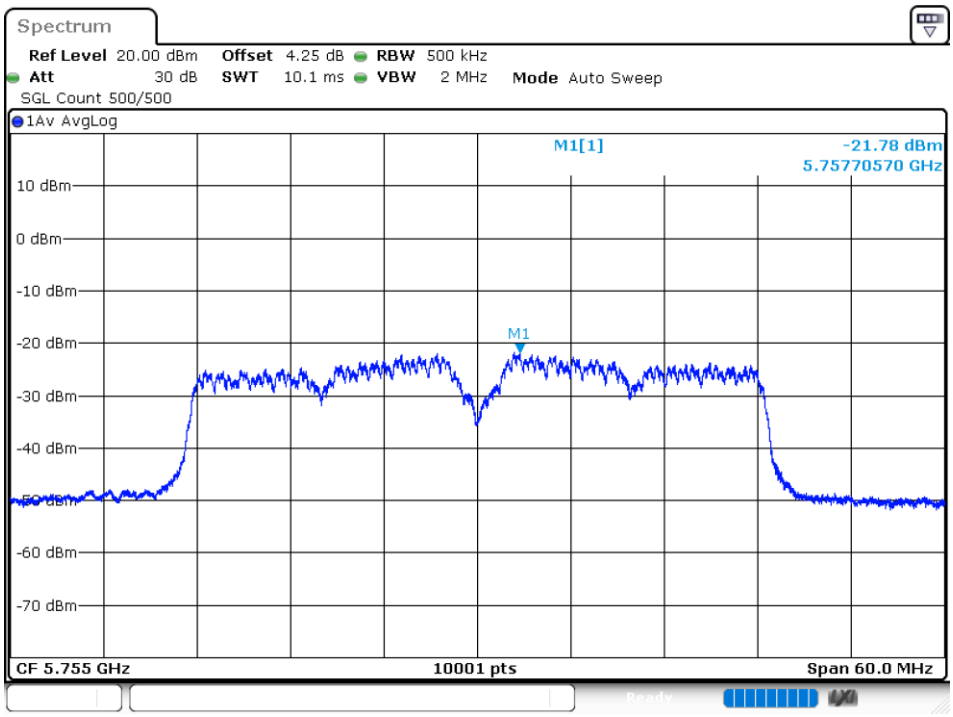
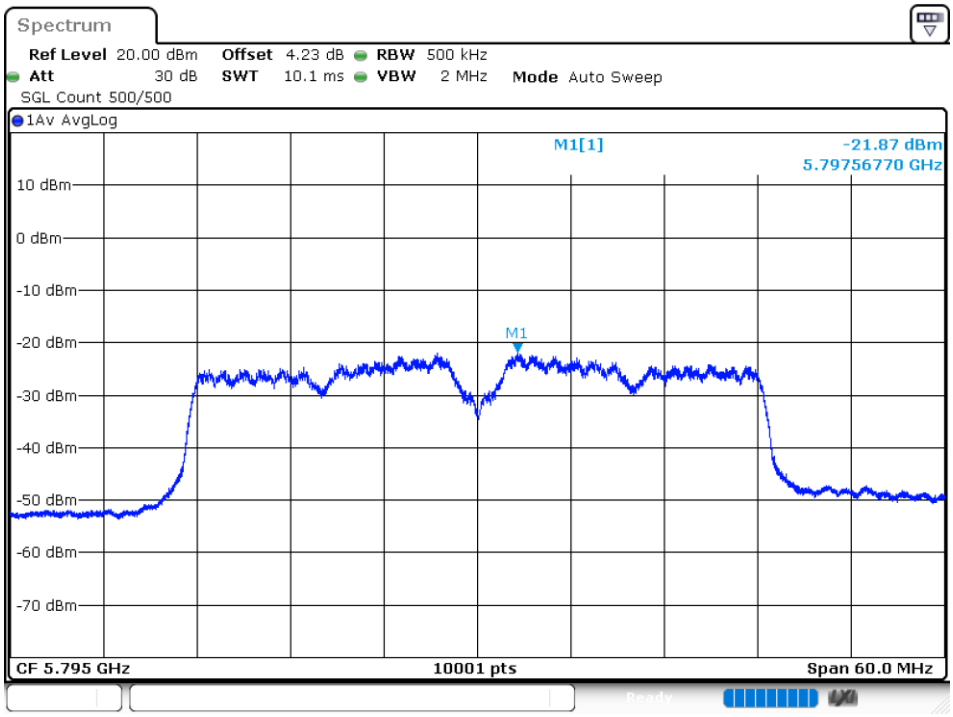
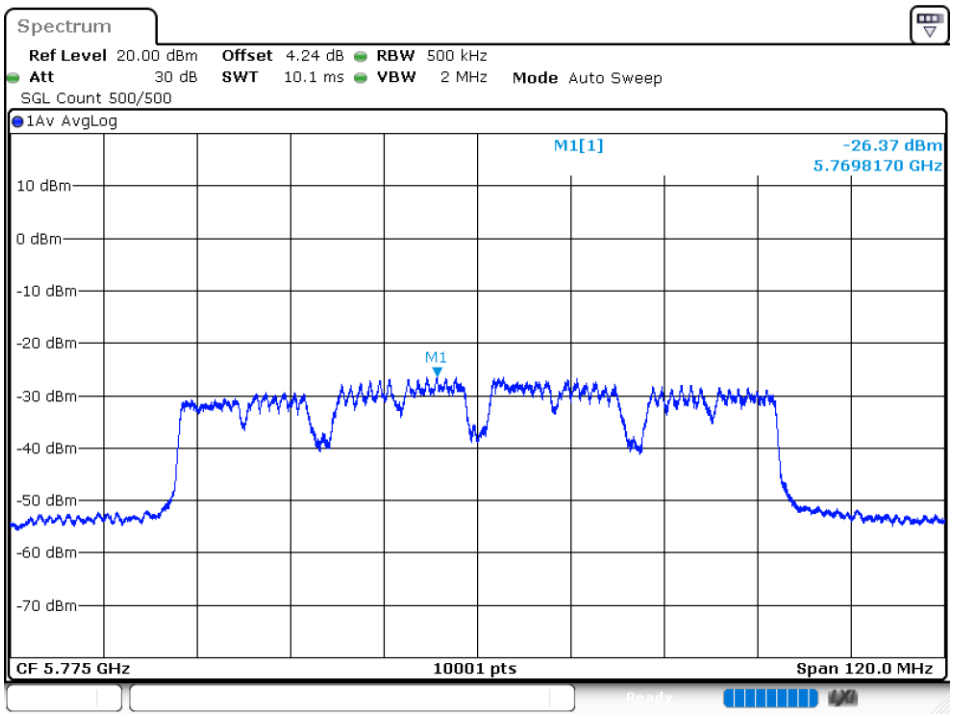


PSD NVNT ac40 5795MHz Ant1



PSD NVNT ac80 5775MHz Ant1

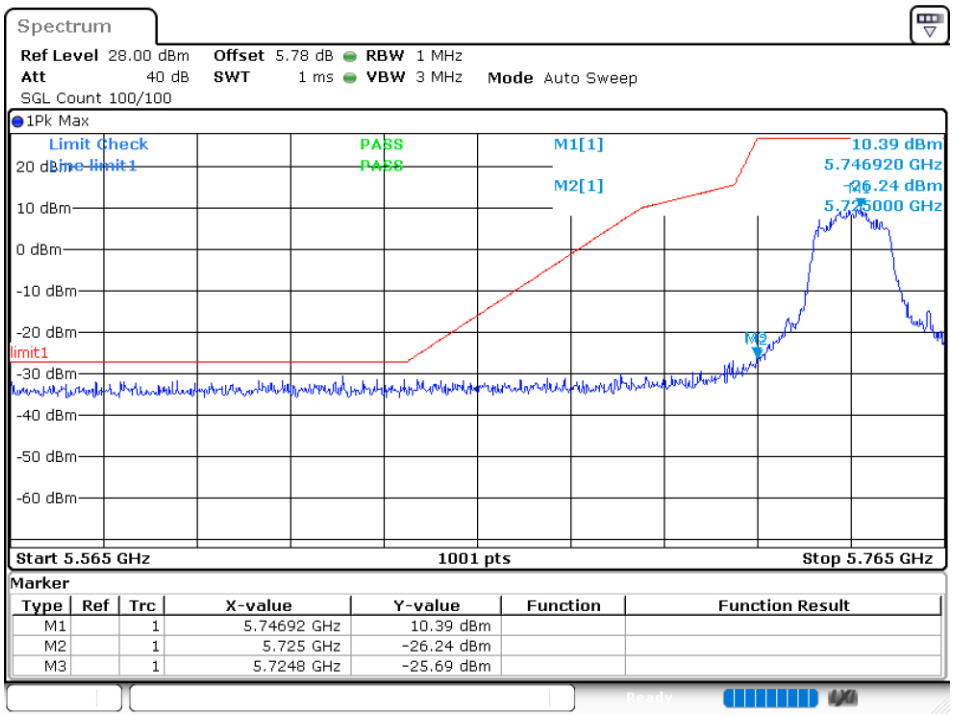


Band Edge

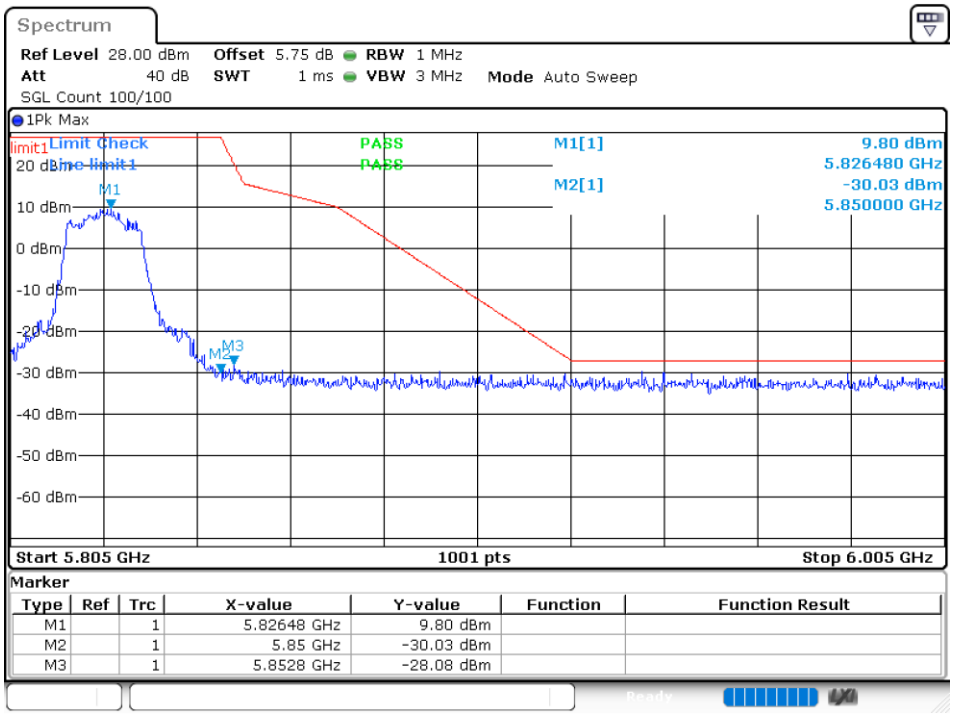
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-25.69		Pass
NVNT	a	5825	Ant1	-28.07		Pass
NVNT	n20	5745	Ant1	-24.56		Pass
NVNT	n20	5825	Ant1	-28.09		Pass
NVNT	n40	5755	Ant1	-24.56		Pass
NVNT	n40	5795	Ant1	-28.25		Pass
NVNT	ac20	5745	Ant1	-22.95		Pass
NVNT	ac20	5825	Ant1	-29.02		Pass
NVNT	ac40	5755	Ant1	-25.38		Pass
NVNT	ac40	5795	Ant1	-29.32		Pass
NVNT	ac80	5775	Ant1	-28.92		Pass

Test Graphs

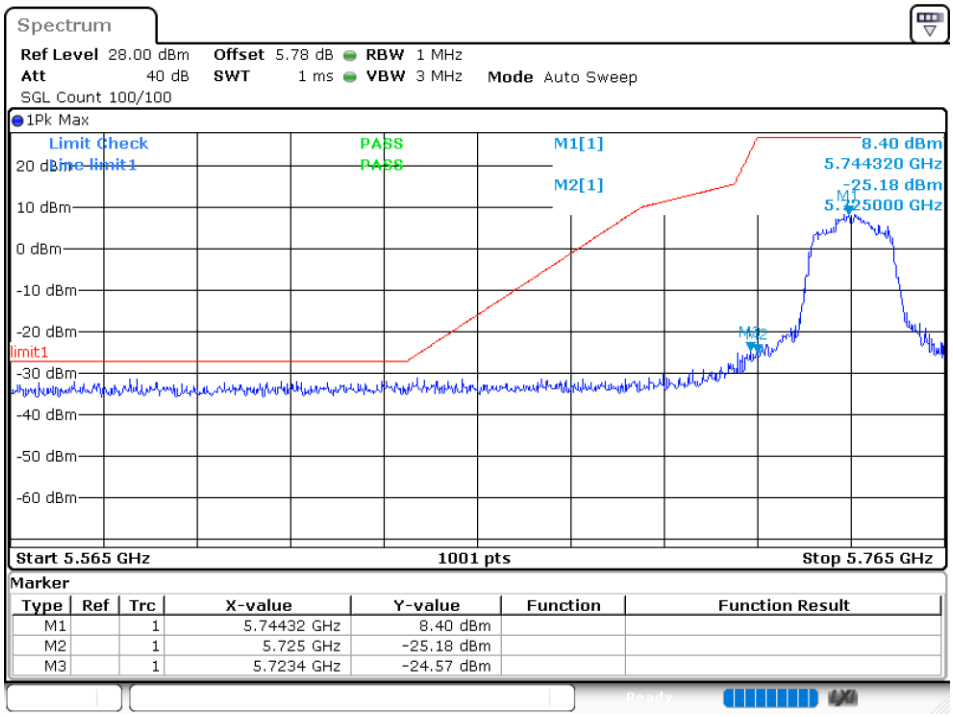
Band Edge NVNT a 5745MHz Low Ant1



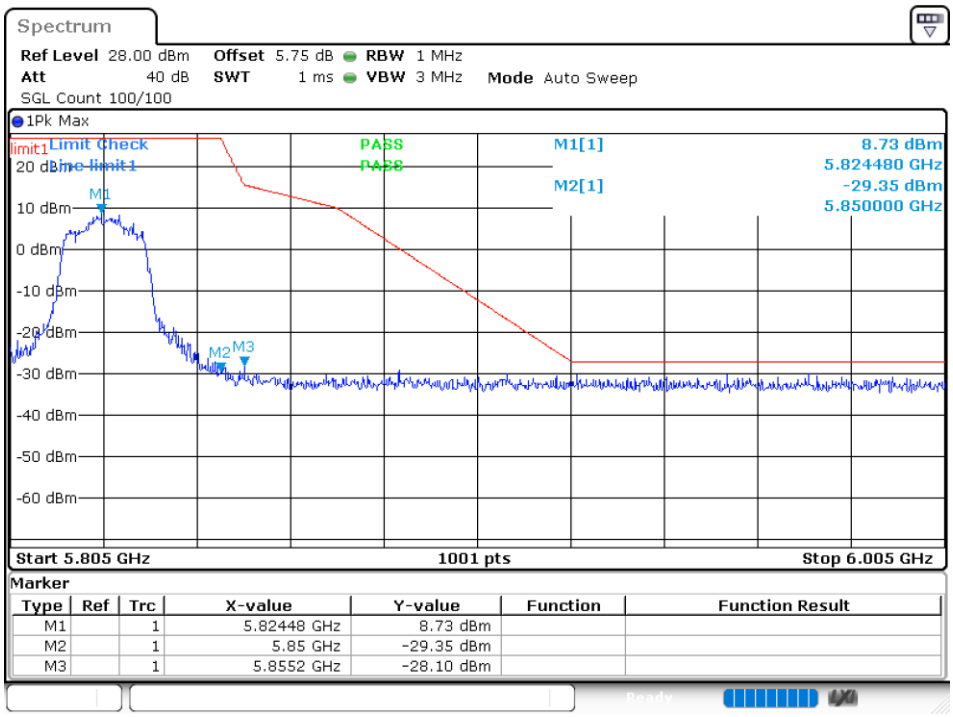
Band Edge NVNT a 5825MHz High Ant1



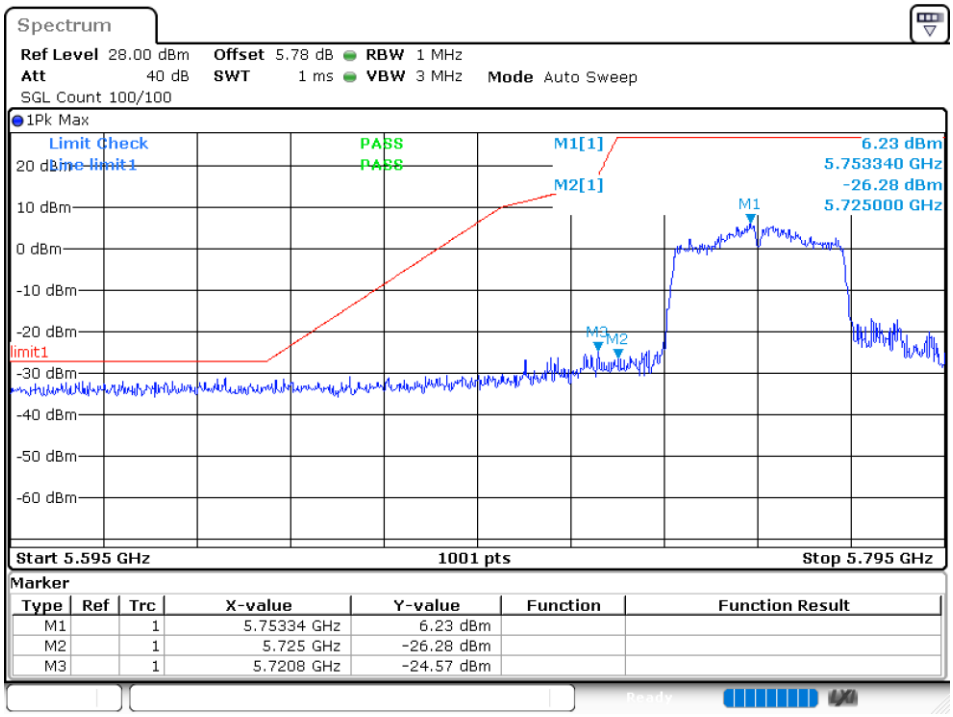
Band Edge NVNT n20 5745MHz Low Ant1



Band Edge NVNT n20 5825MHz High Ant1



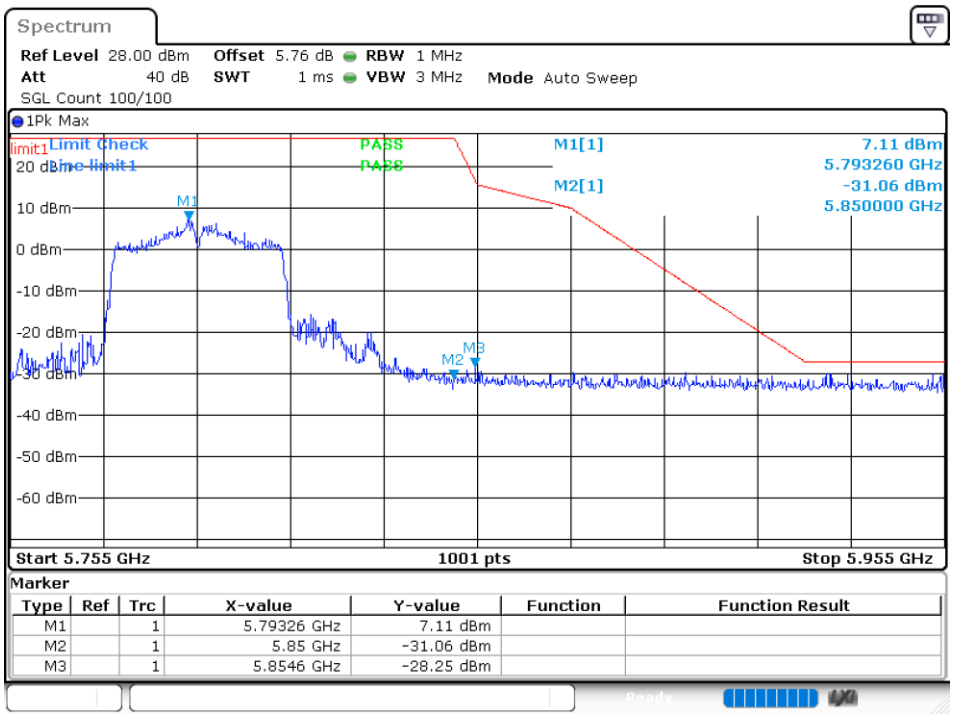
Band Edge NVNT n40 5755MHz Low Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.75334 GHz	6.23 dBm		
M2		1	5.725 GHz	-26.28 dBm		
M3		1	5.7208 GHz	-24.57 dBm		

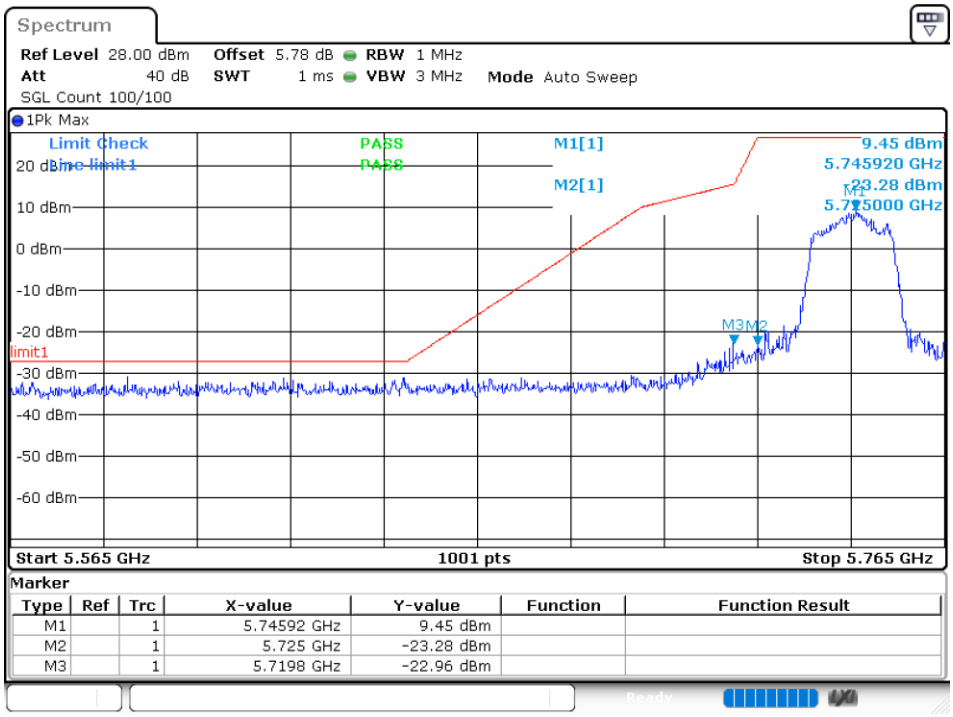
Band Edge NVNT n40 5795MHz High Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.79326 GHz	7.11 dBm		
M2		1	5.85 GHz	-31.06 dBm		
M3		1	5.8546 GHz	-28.25 dBm		

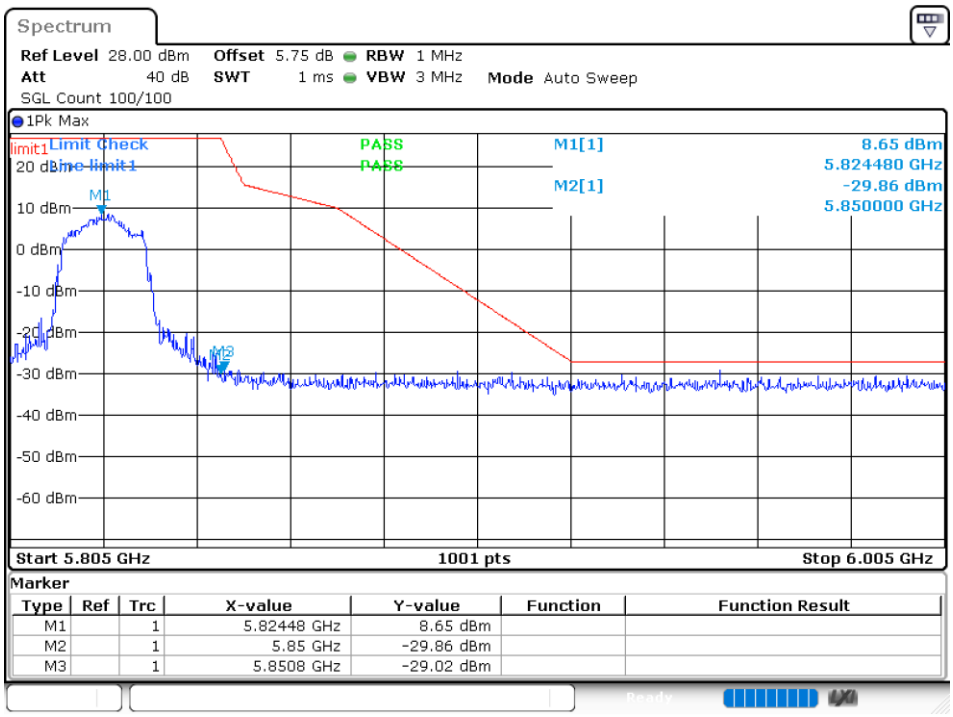
Band Edge NVNT ac20 5745MHz Low Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.74592 GHz	9.45 dBm		
M2		1	5.725 GHz	-23.28 dBm		
M3		1	5.7198 GHz	-22.96 dBm		

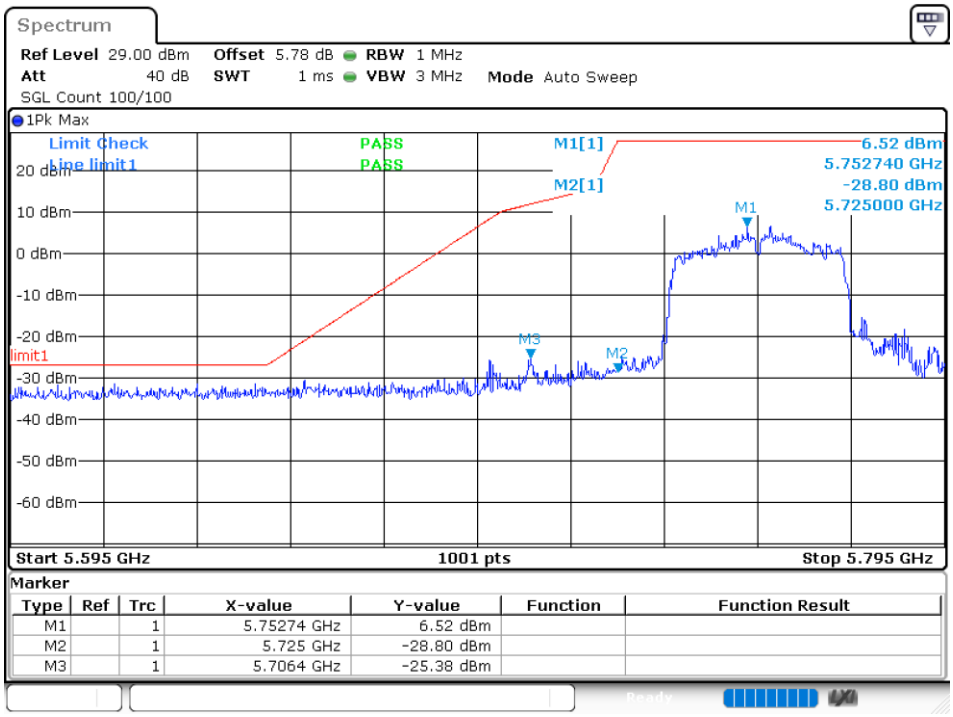
Band Edge NVNT ac20 5825MHz High Ant1



Marker

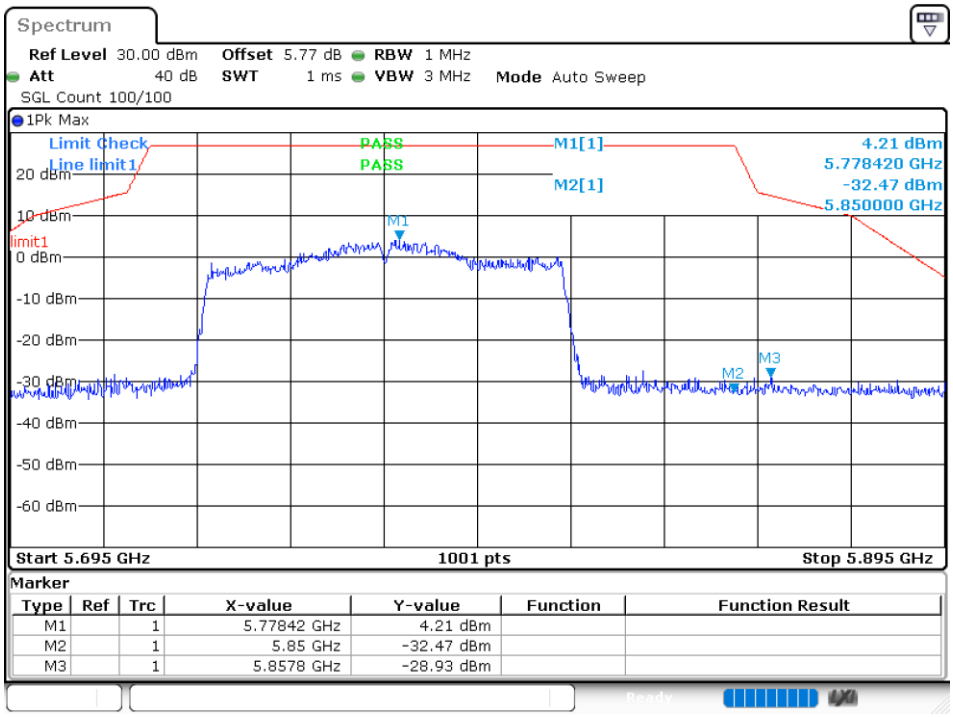
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.82448 GHz	8.65 dBm		
M2		1	5.85 GHz	-29.86 dBm		
M3		1	5.8508 GHz	-29.02 dBm		

Band Edge NVNT ac40 5755MHz Low Ant1



Band Edge NVNT ac40 5795MHz High Ant1

Band Edge NVNT ac80 5775MHz High Ant1

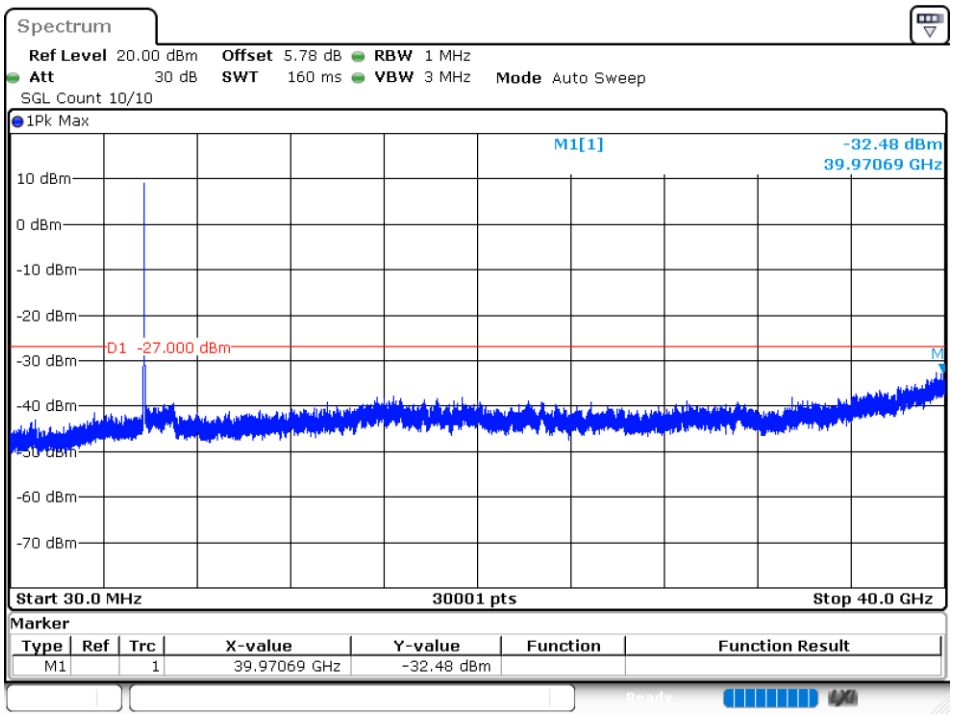


Conducted RF Spurious Emission

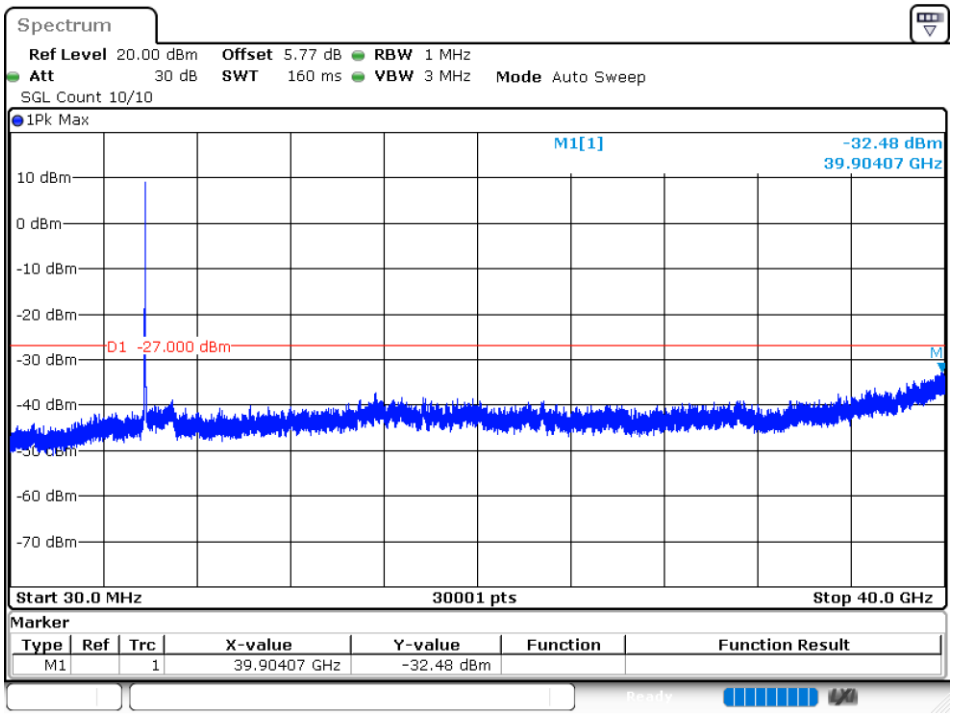
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	a	5745	Ant1	-32.48	-27	Pass
NVNT	a	5785	Ant1	-32.47	-27	Pass
NVNT	a	5825	Ant1	-32.67	-27	Pass
NVNT	n20	5745	Ant1	-32.63	-27	Pass
NVNT	n20	5785	Ant1	-32.65	-27	Pass
NVNT	n20	5825	Ant1	-32.09	-27	Pass
NVNT	n40	5755	Ant1	-32.41	-27	Pass
NVNT	n40	5795	Ant1	-32.06	-27	Pass
NVNT	ac20	5745	Ant1	-33.31	-27	Pass
NVNT	ac20	5785	Ant1	-31.81	-27	Pass
NVNT	ac20	5825	Ant1	-33.49	-27	Pass
NVNT	ac40	5755	Ant1	-32.76	-27	Pass
NVNT	ac40	5795	Ant1	-32.89	-27	Pass
NVNT	ac80	5775	Ant1	-31.86	-27	Pass

Test Graphs

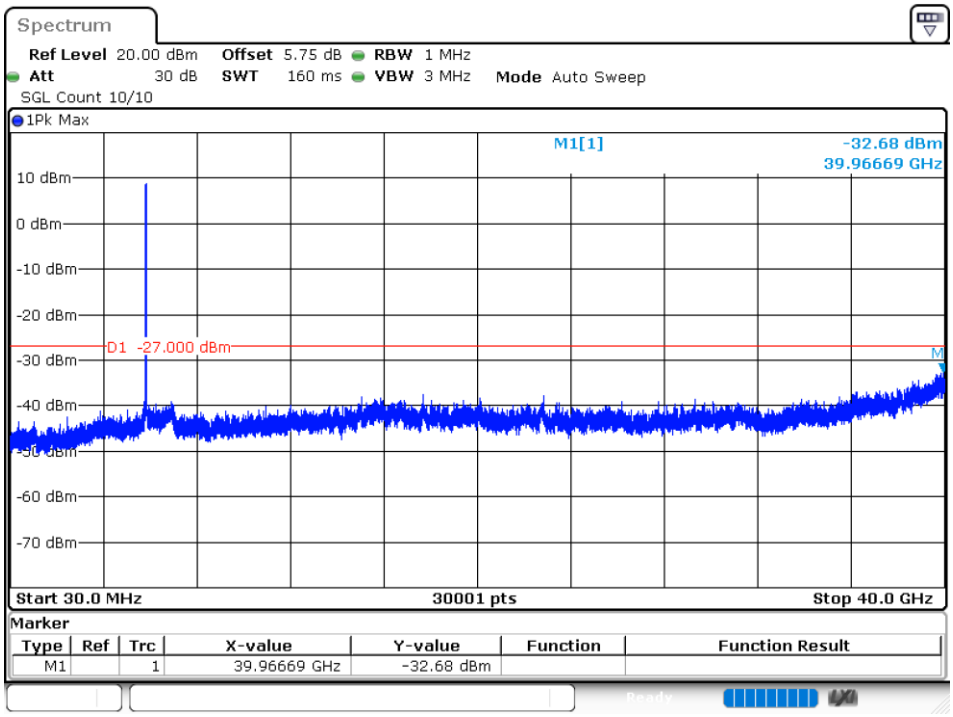
Tx. Spurious NVNT a 5745MHz Ant1 Emission



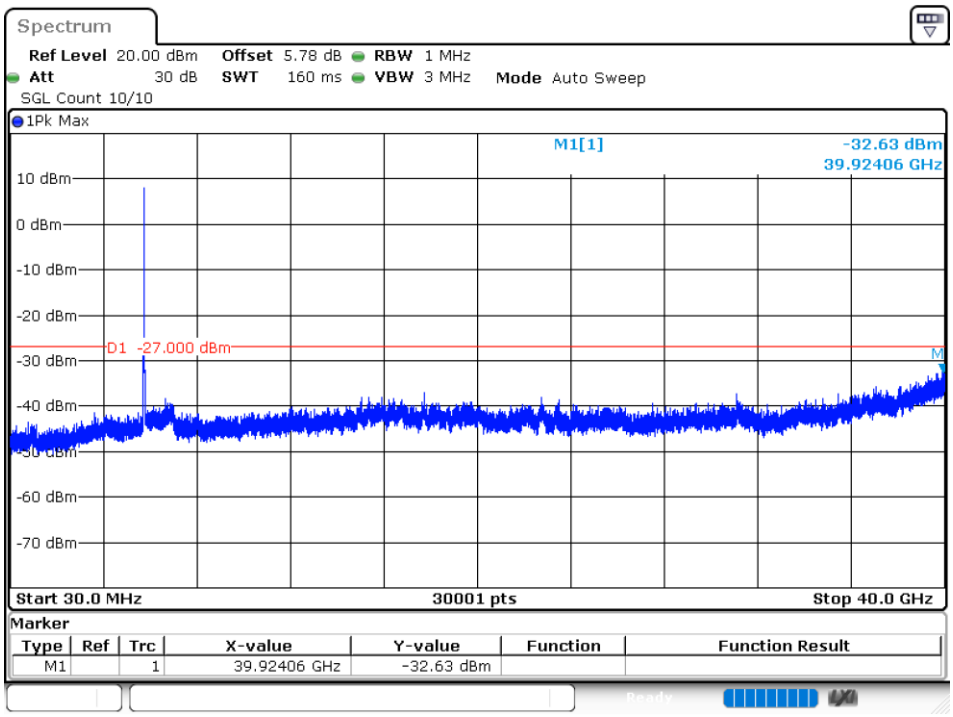
Tx. Spurious NVNT a 5785MHz Ant1 Emission



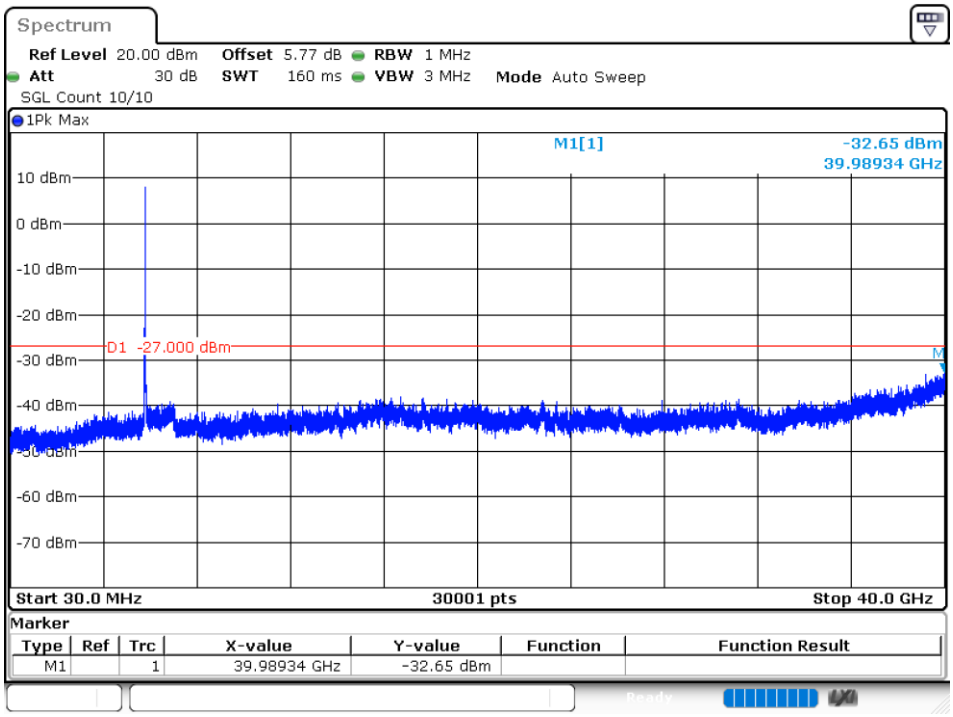
Tx. Spurious NVNT a 5825MHz Ant1 Emission



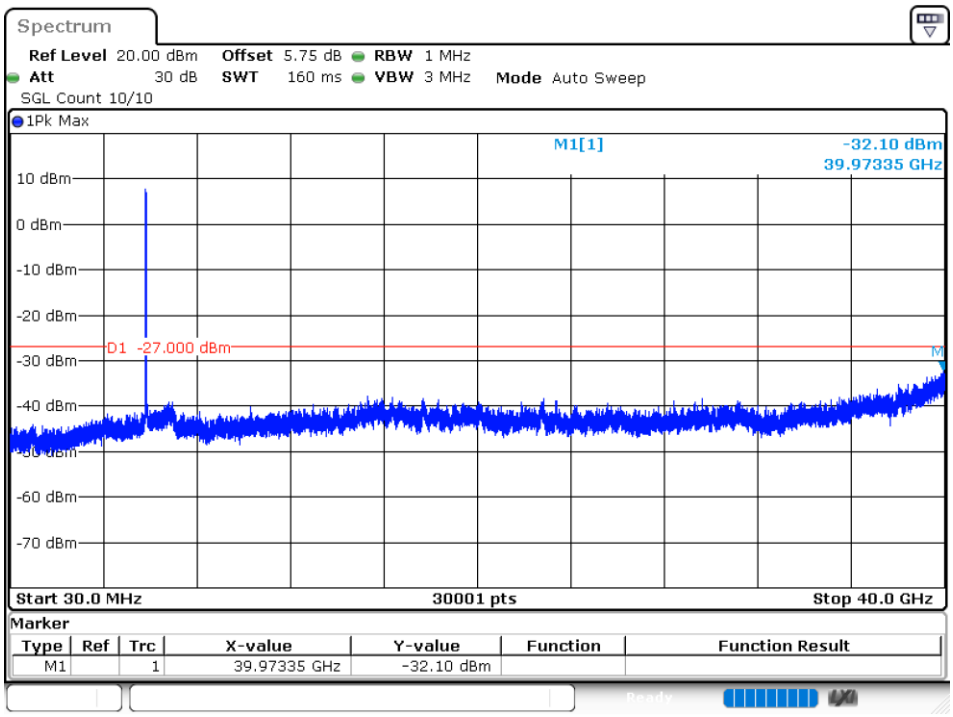
Tx. Spurious NVNT n20 5745MHz Ant1 Emission



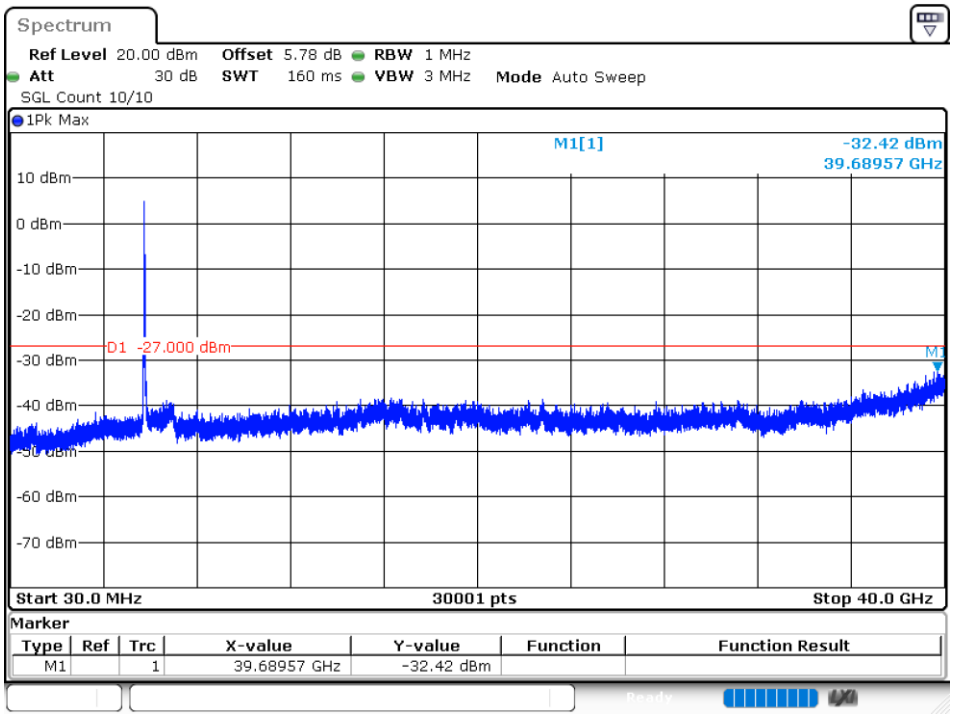
Tx. Spurious NVNT n20 5785MHz Ant1 Emission



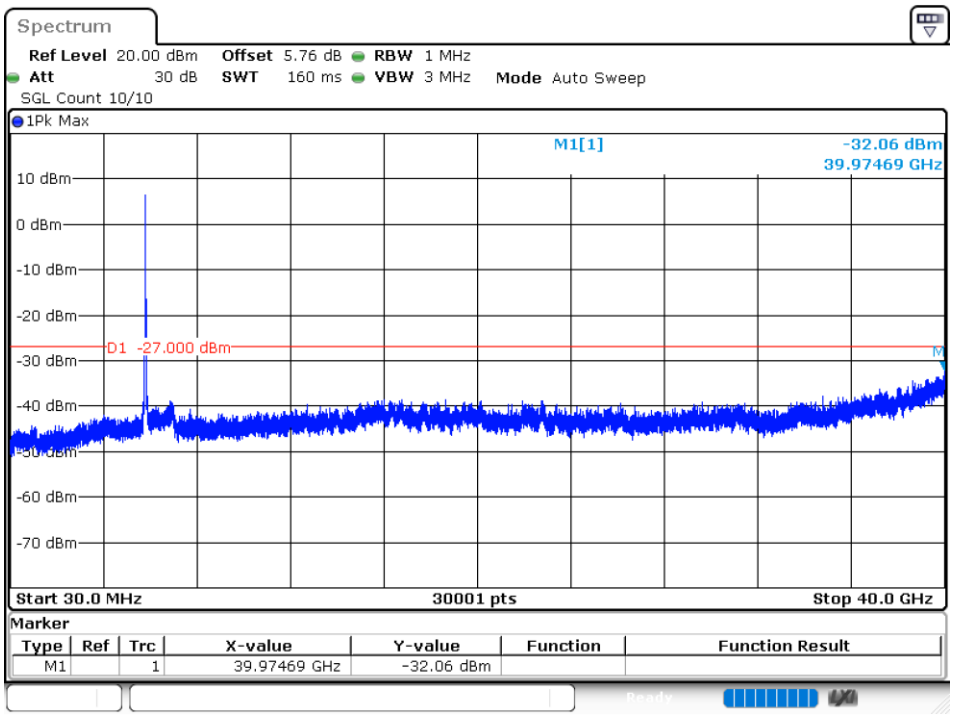
Tx. Spurious NVNT n20 5825MHz Ant1 Emission



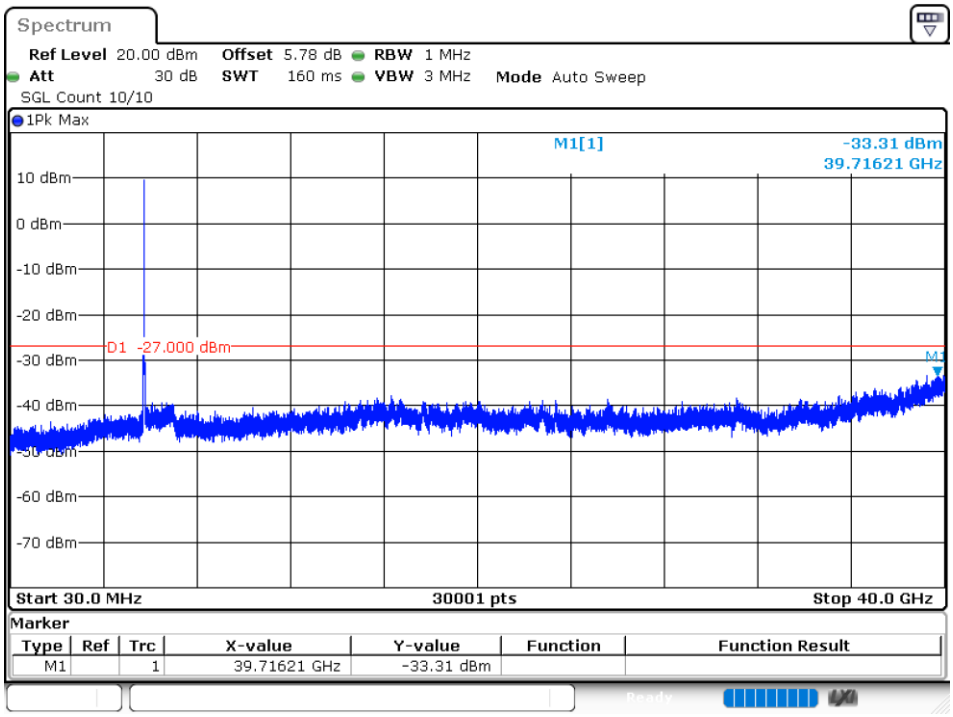
Tx. Spurious NVNT n40 5755MHz Ant1 Emission



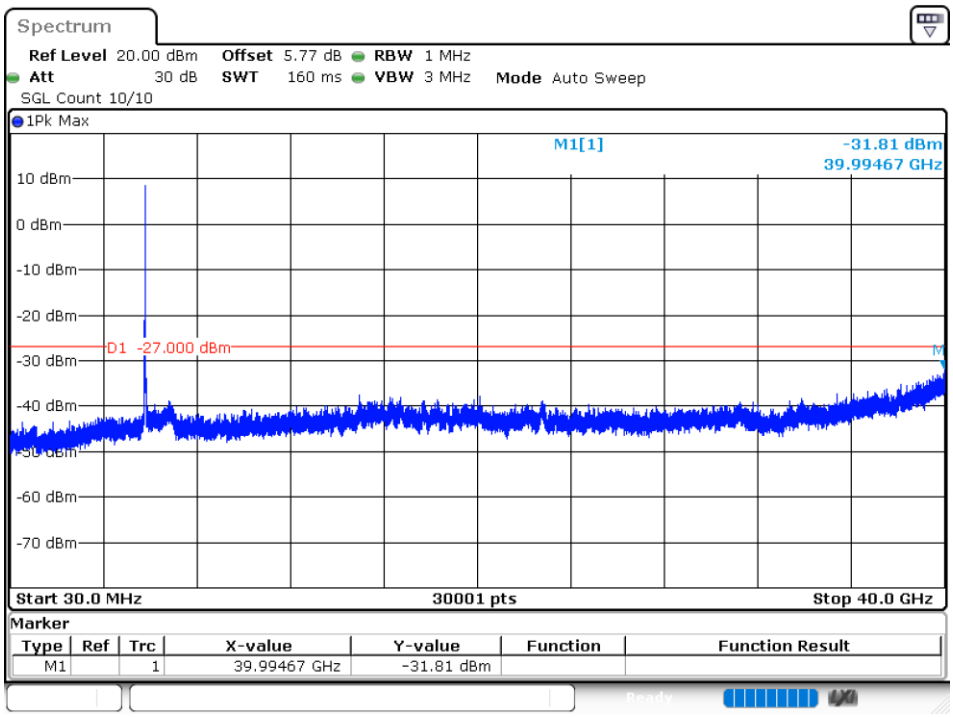
Tx. Spurious NVNT n40 5795MHz Ant1 Emission



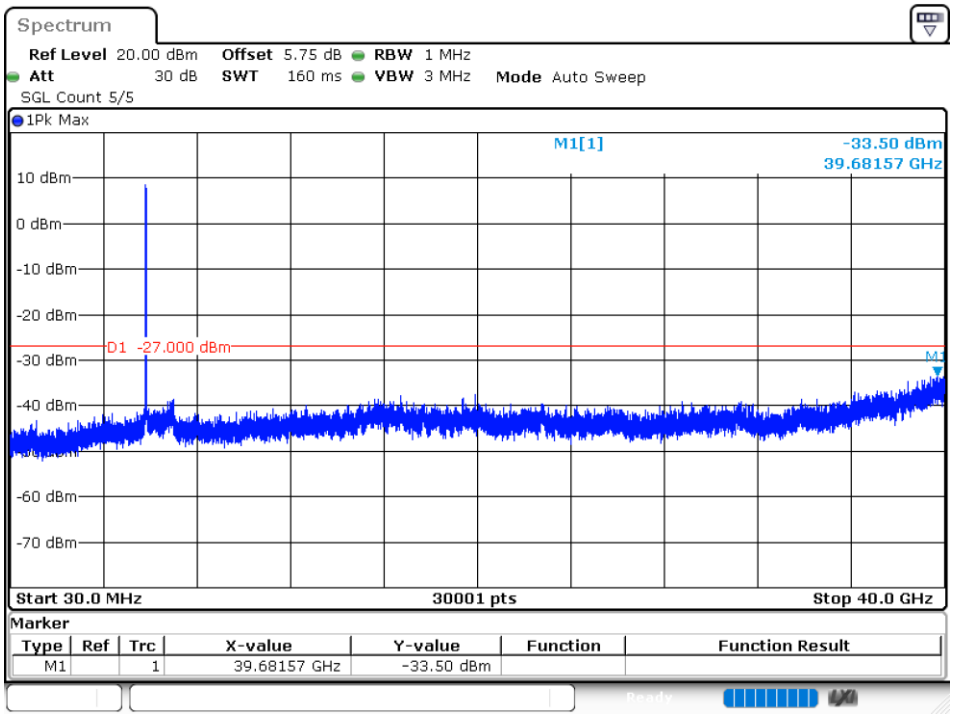
Tx. Spurious NVNT ac20 5745MHz Ant1 Emission



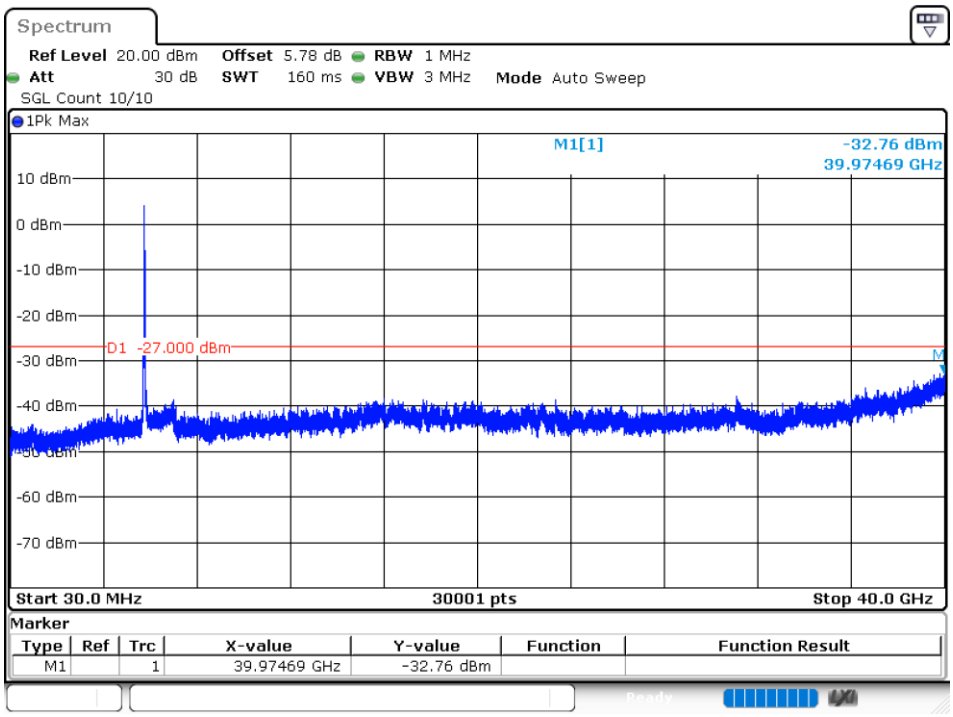
Tx. Spurious NVNT ac20 5785MHz Ant1 Emission



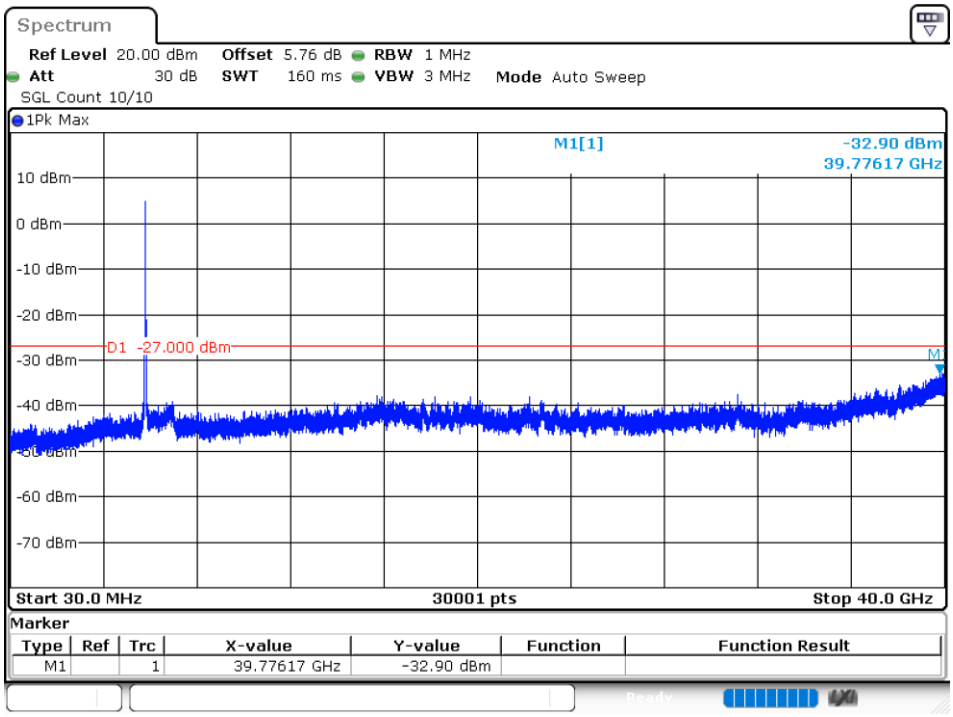
Tx. Spurious NVNT ac20 5825MHz Ant1 Emission



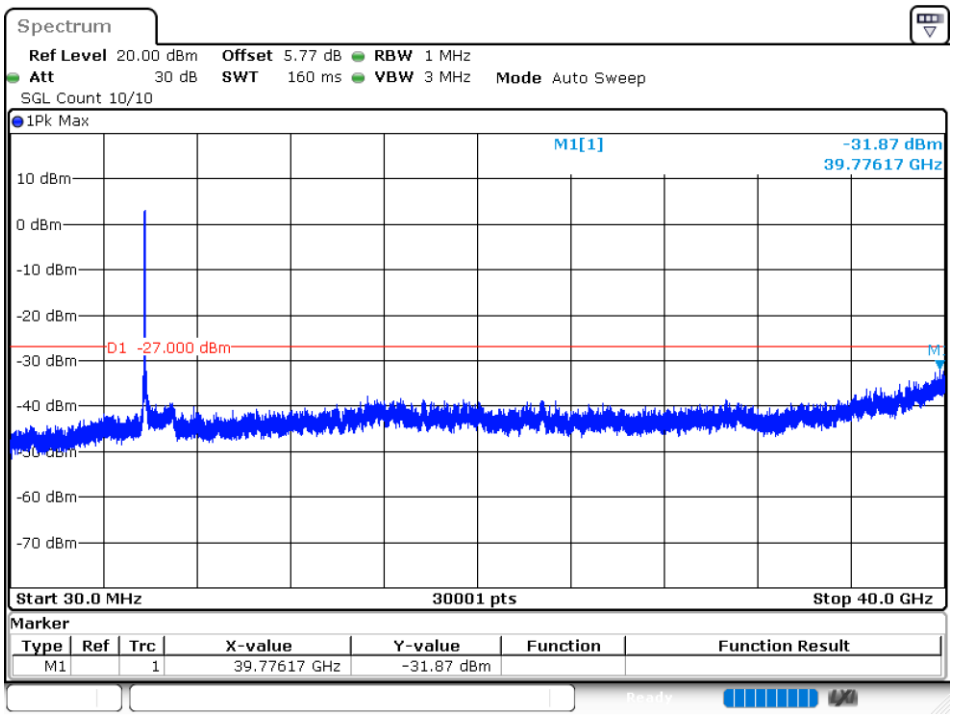
Tx. Spurious NVNT ac40 5755MHz Ant1 Emission



Tx. Spurious NVNT ac40 5795MHz Ant1 Emission



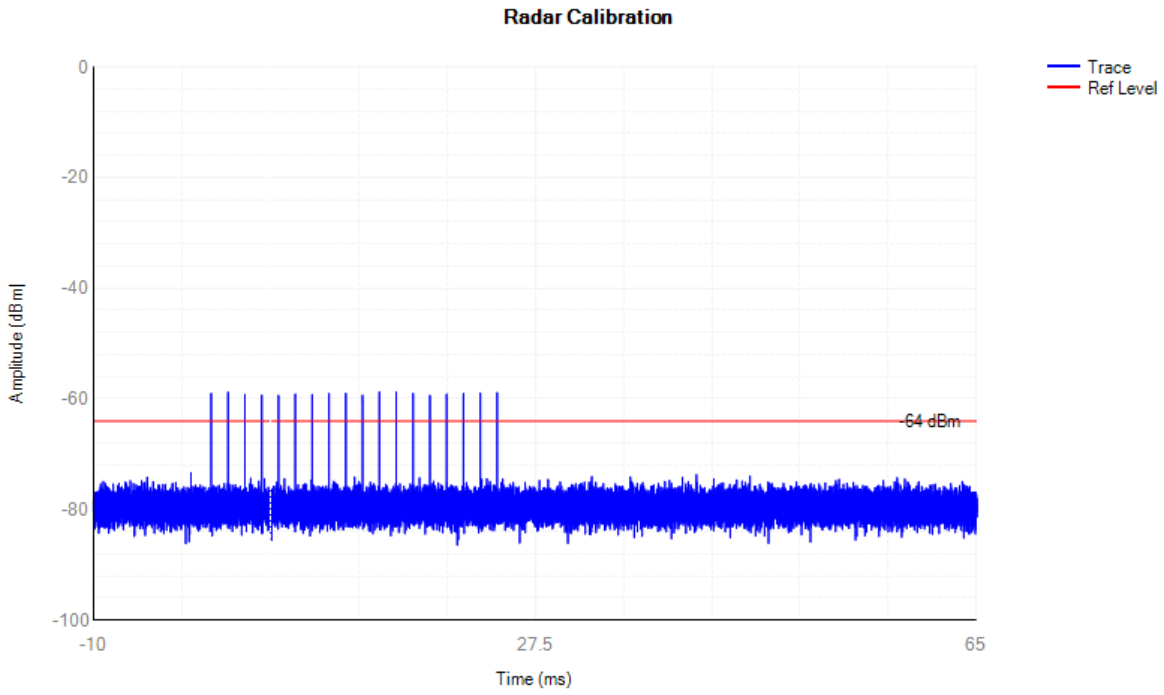
Tx. Spurious NVNT ac80 5775MHz Ant1 Emission



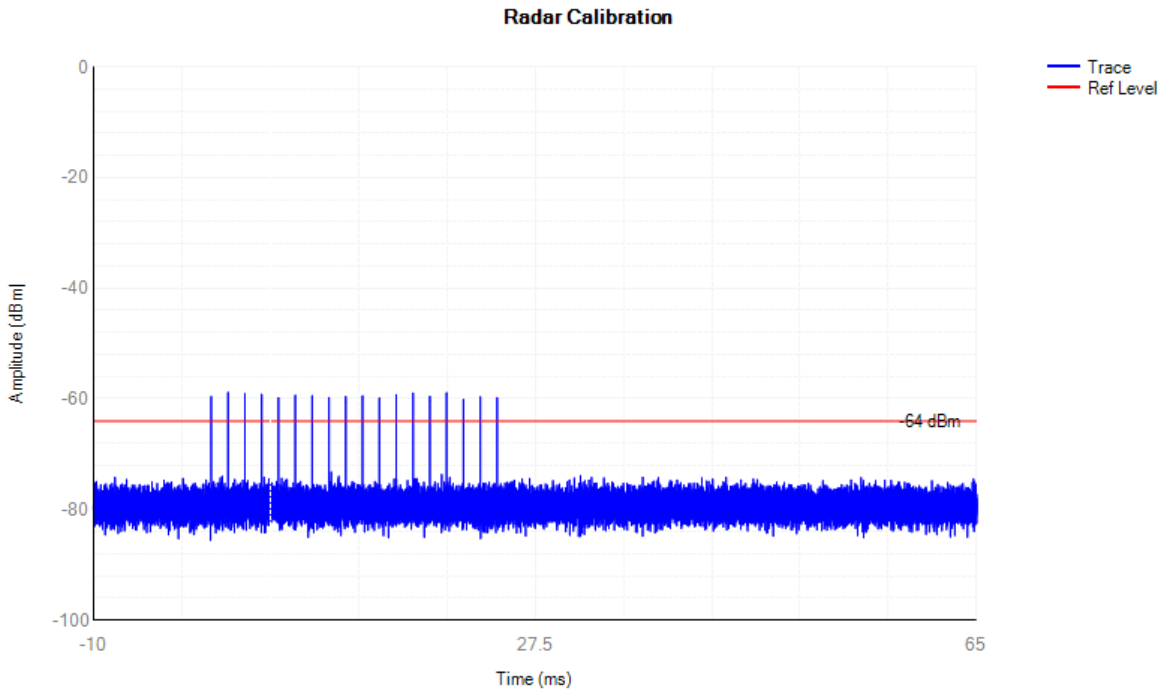
DFS

Calibration

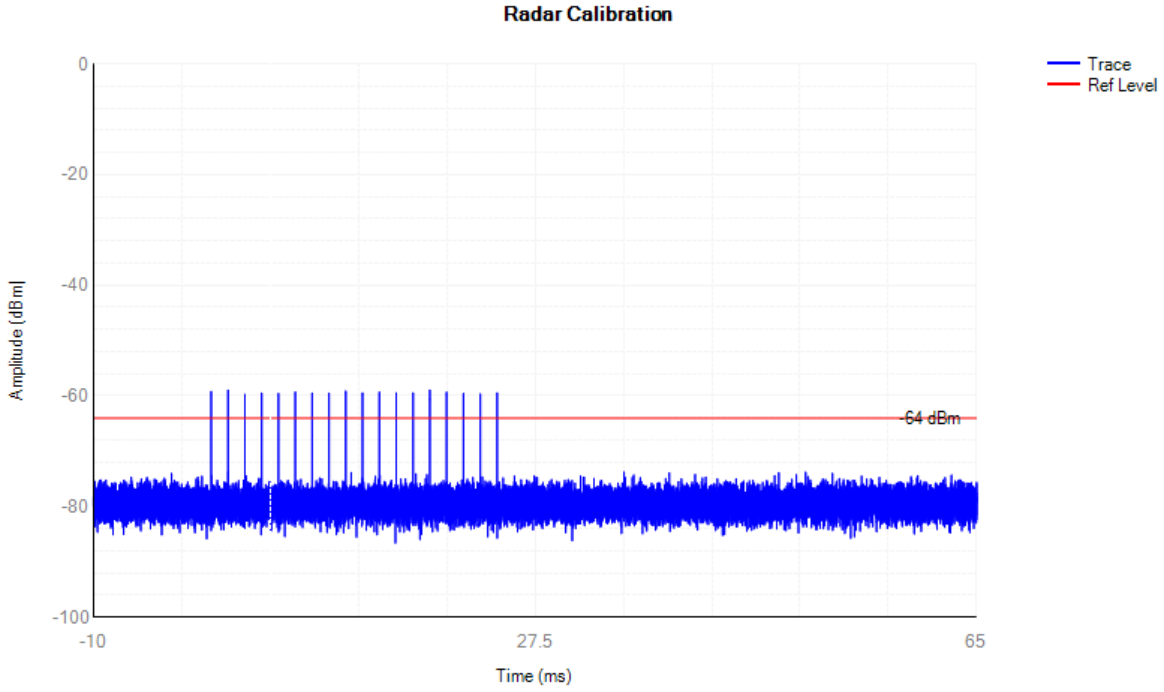
5290MHz ac80 DFS_FCC_T0



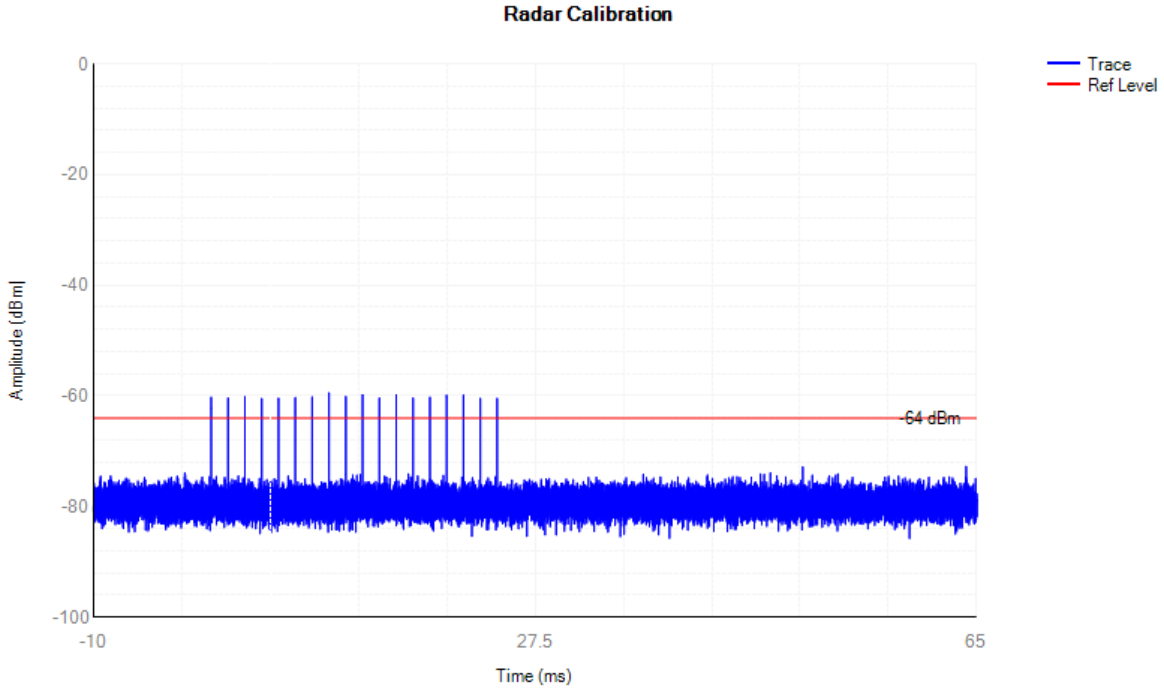
5530MHz ac80 DFS_FCC_T0



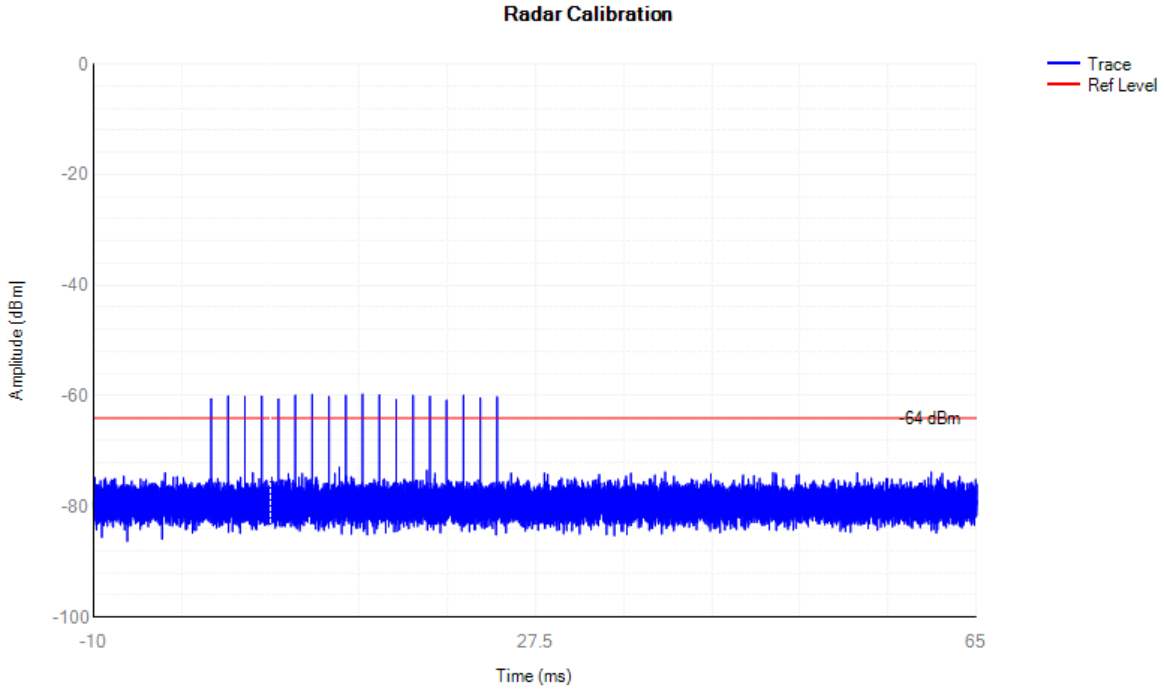
5310MHz n40 DFS_FCC_T0



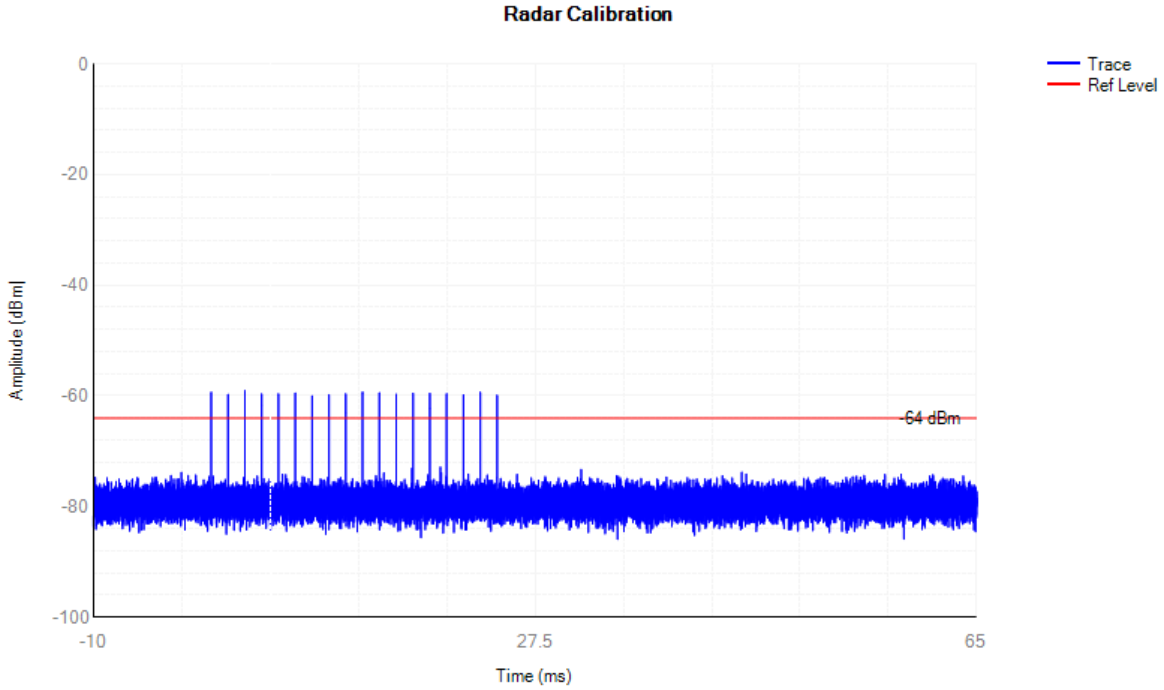
5510MHz n40 DFS_FCC_T0



5320MHz a DFS_FCC_T0

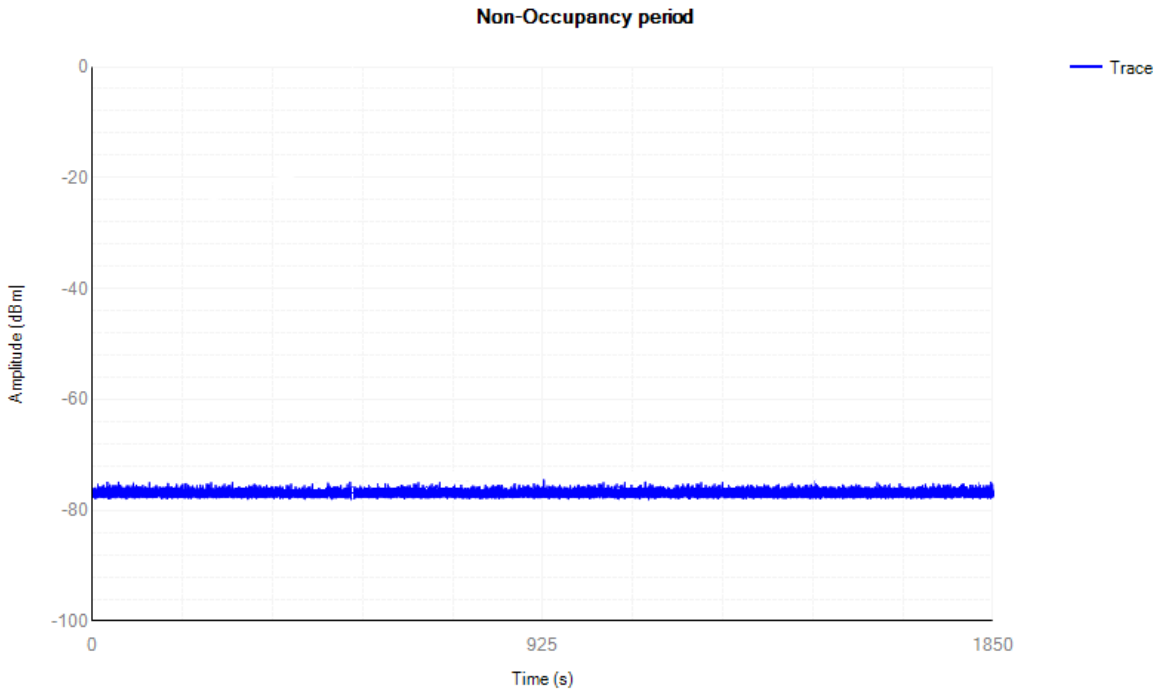


5500MHz a DFS_FCC_T0

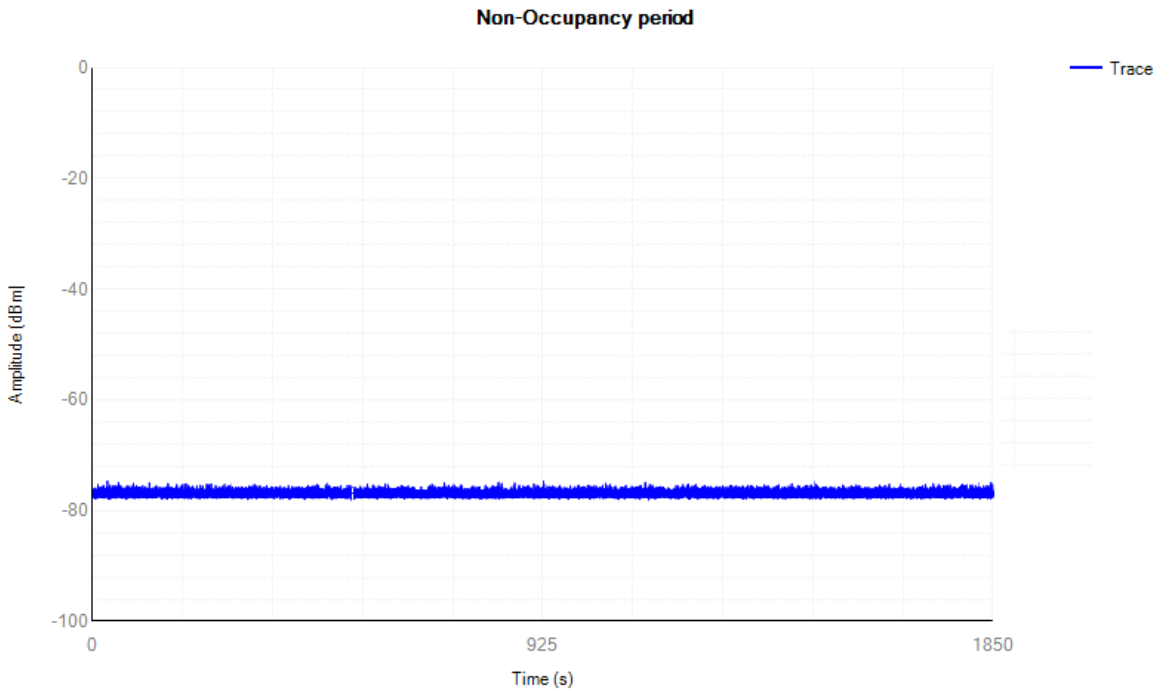


Non-Occupancy

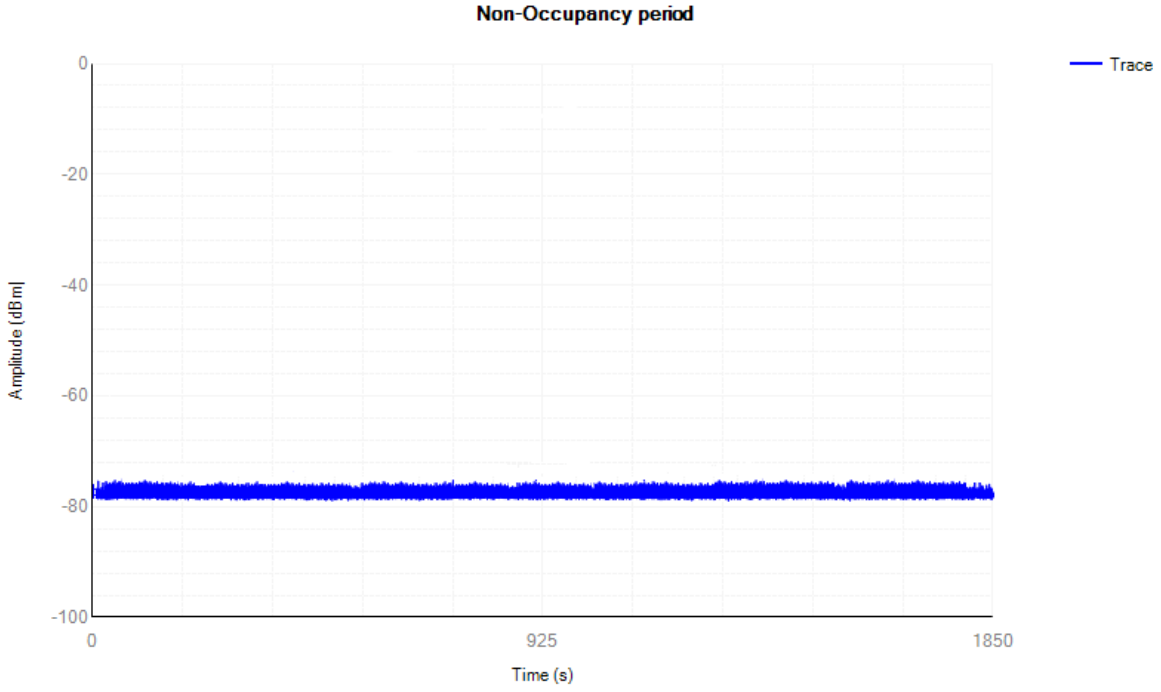
5290MHz ac80 Non-Occupancy



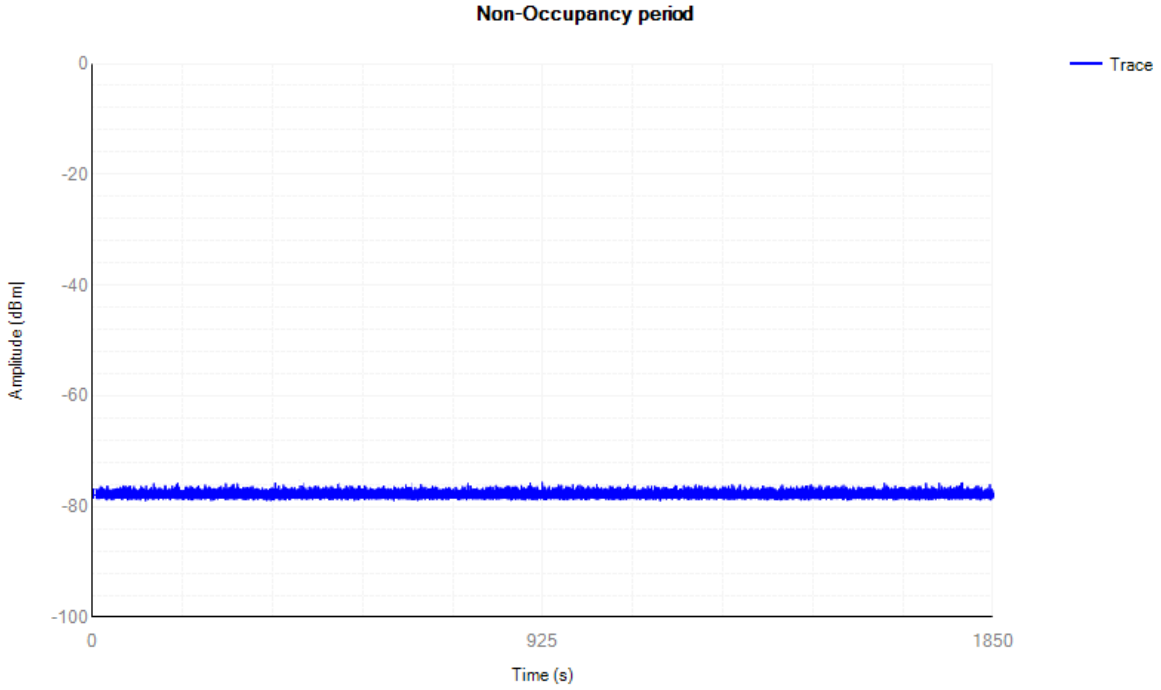
5530MHz ac80 Non-Occupancy



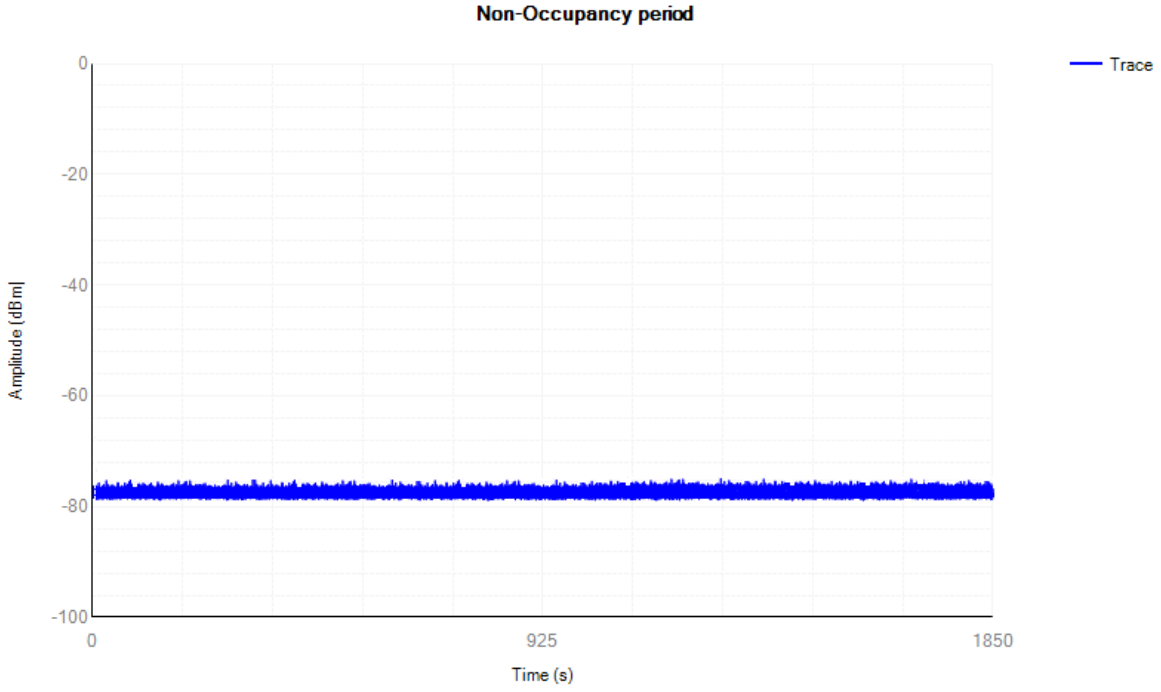
5310MHz n40 Non-Occupancy



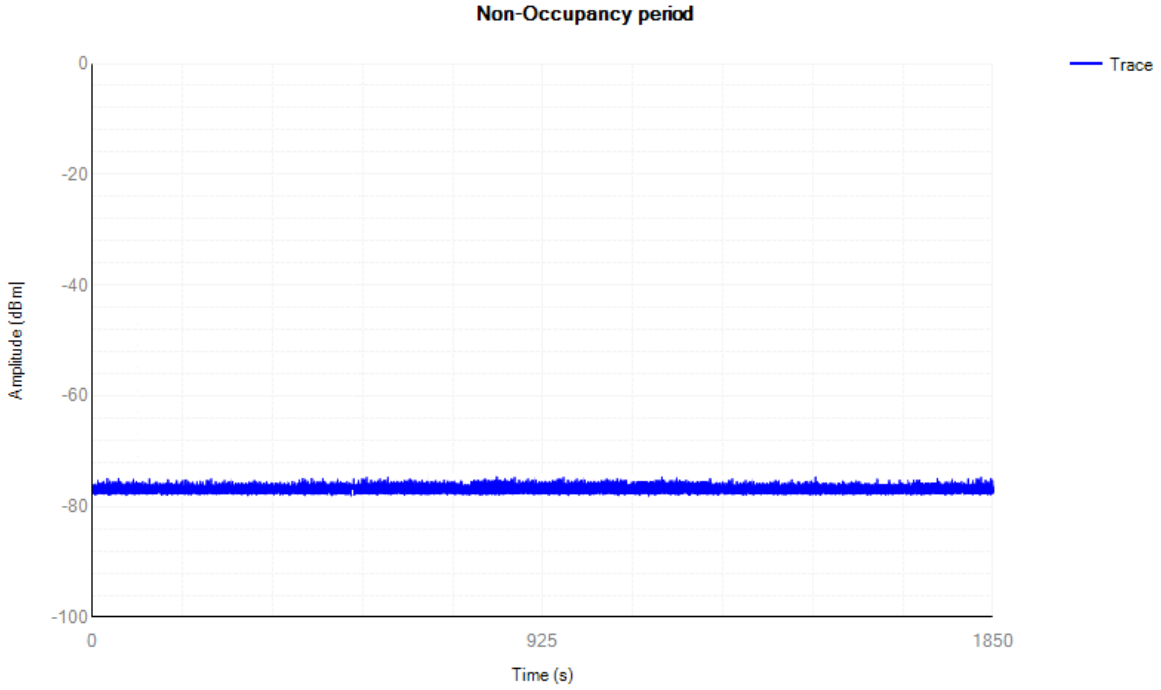
5510MHz n40 Non-Occupancy



5320MHz a Non-Occupancy



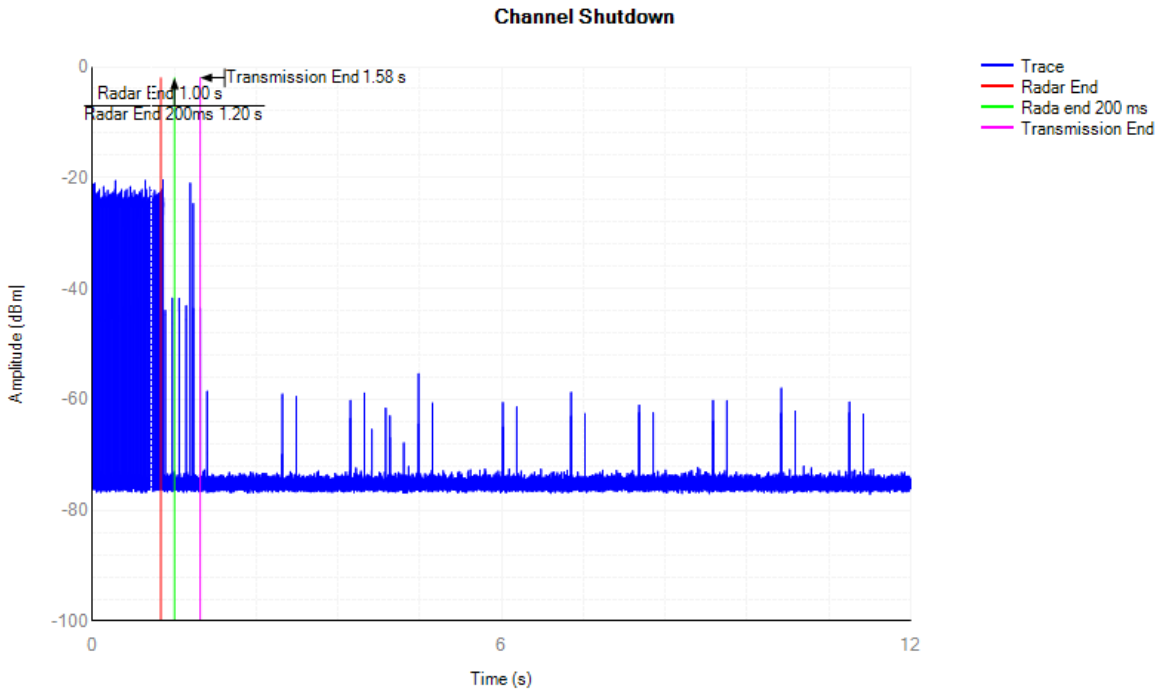
5500MHz a Non-Occupancy



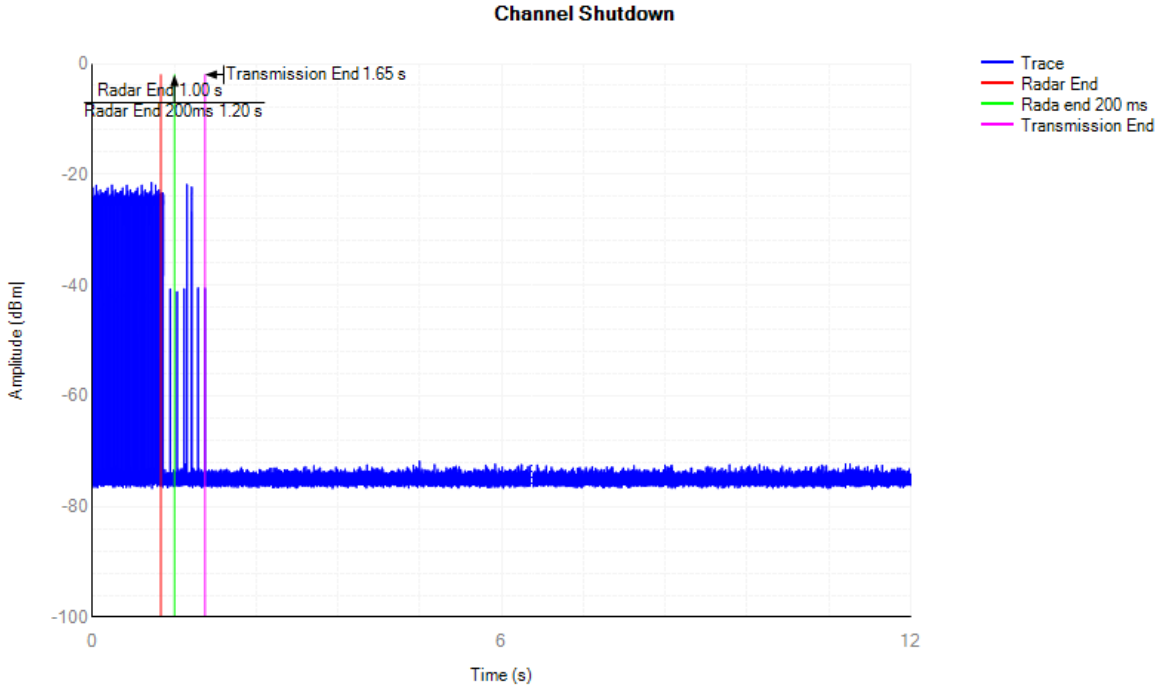
Shutdown Time

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	0.5768	10	0.0164	0.26	0.004	0.06	Pass
a	5500	0.6488	10	0.0172	0.26	0.0048	0.06	Pass
n40	5270	0.5336	10	0.0068	0.26	0.0012	0.06	Pass
n40	5510	0.4556	10	0.0064	0.26	0.0008	0.06	Pass
ac80	5290	0.366	10	0.0096	0.26	0.0008	0.06	Pass
ac80	5530	0.4692	10	0.0072	0.26	0.0008	0.06	Pass

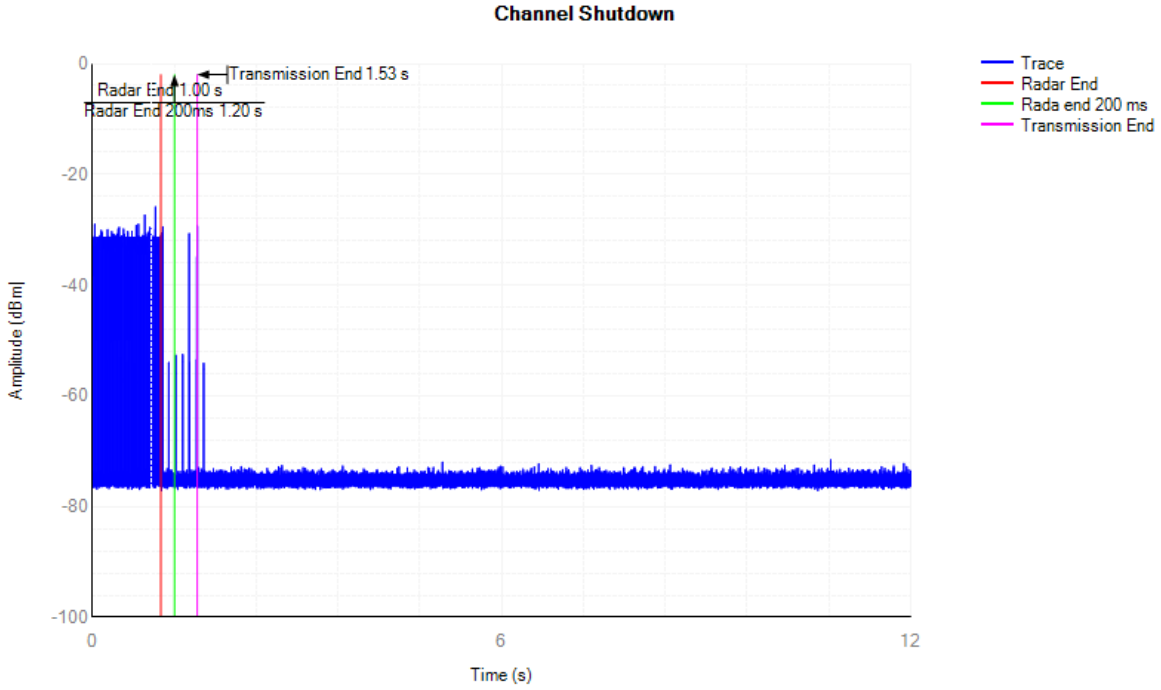
5260MHz a Shutdown



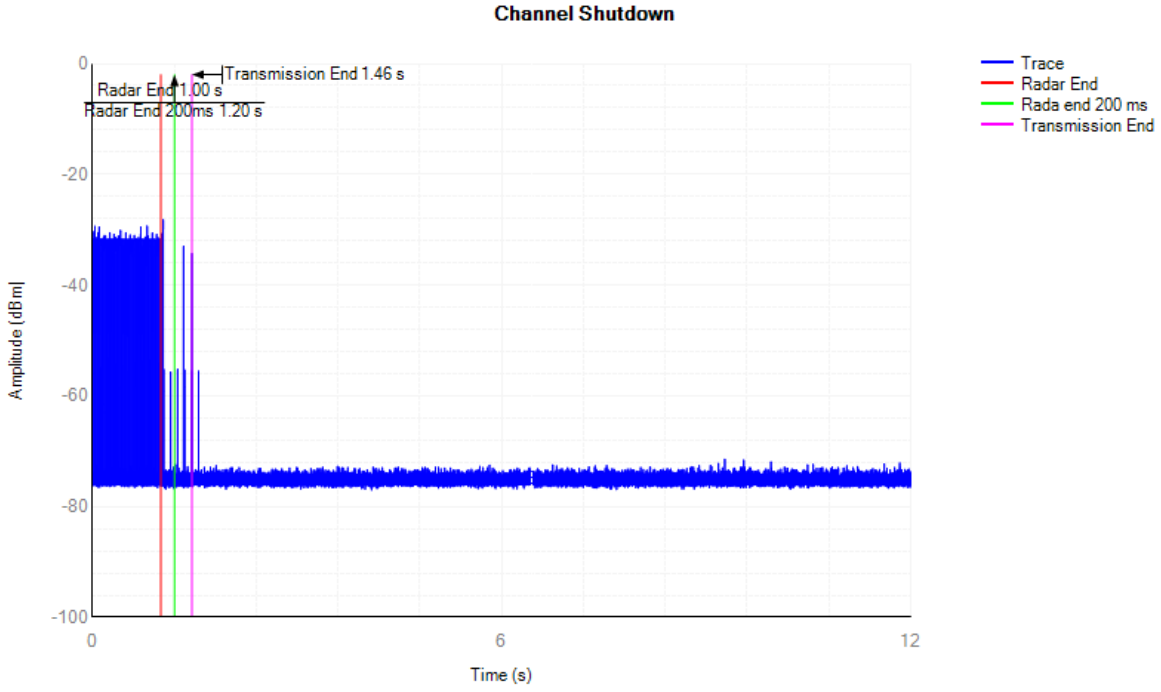
5500MHz a Shutdown



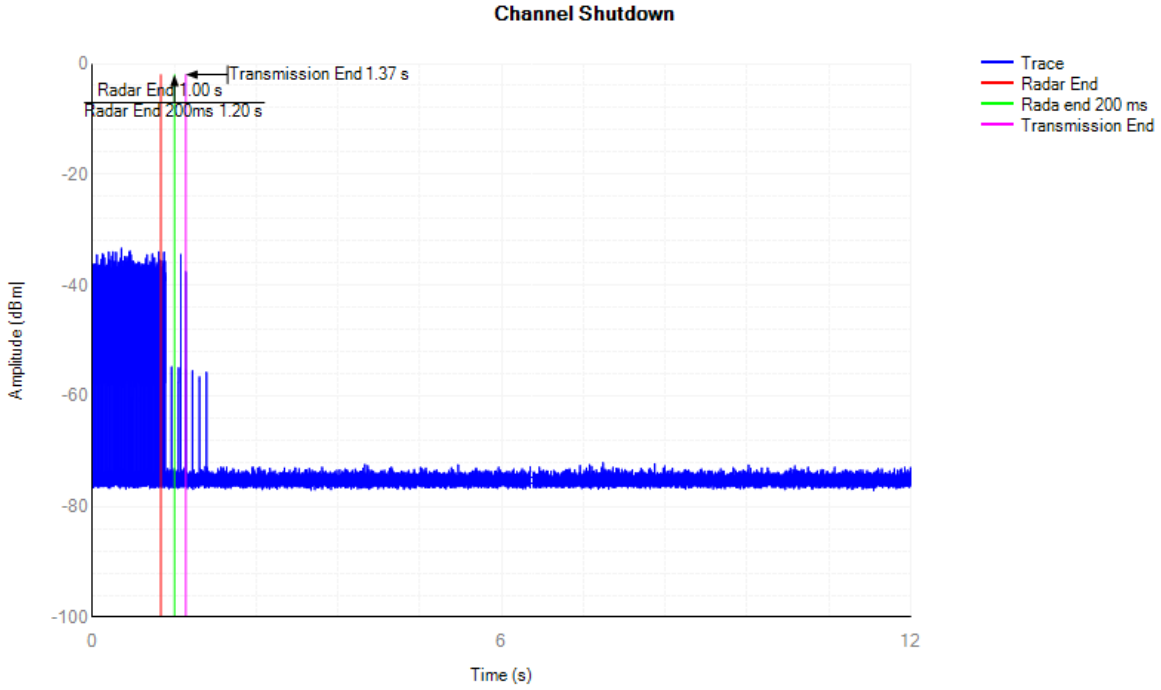
5270MHz n40 Shutdown



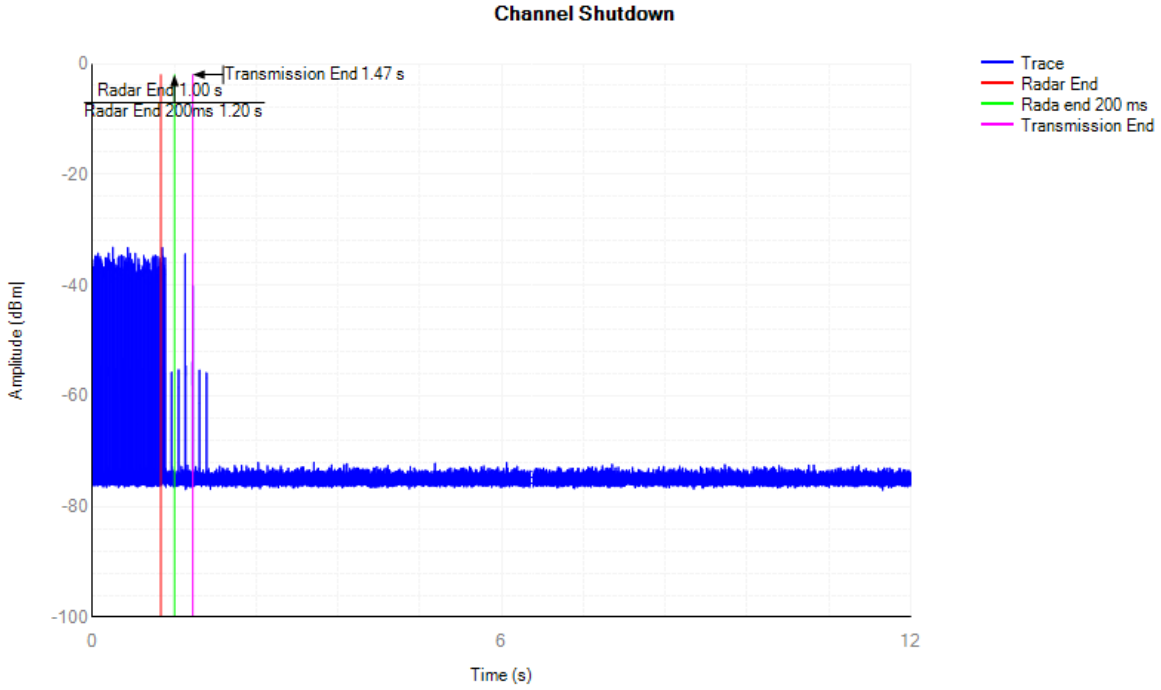
5510MHz n40 Shutdown



5290MHz ac80 Shutdown



5530MHz ac80 Shutdown


Channel Shutdown
Transmission End 1.47 s
Radar End 1.00 s
Radar End 200ms 1.20 s
Trace
Radar End
Rada end 200 ms
Transmission End
Amplitude [dBm]
0
-20
-40
-60
-80
-100
0
6
12
Time (s)