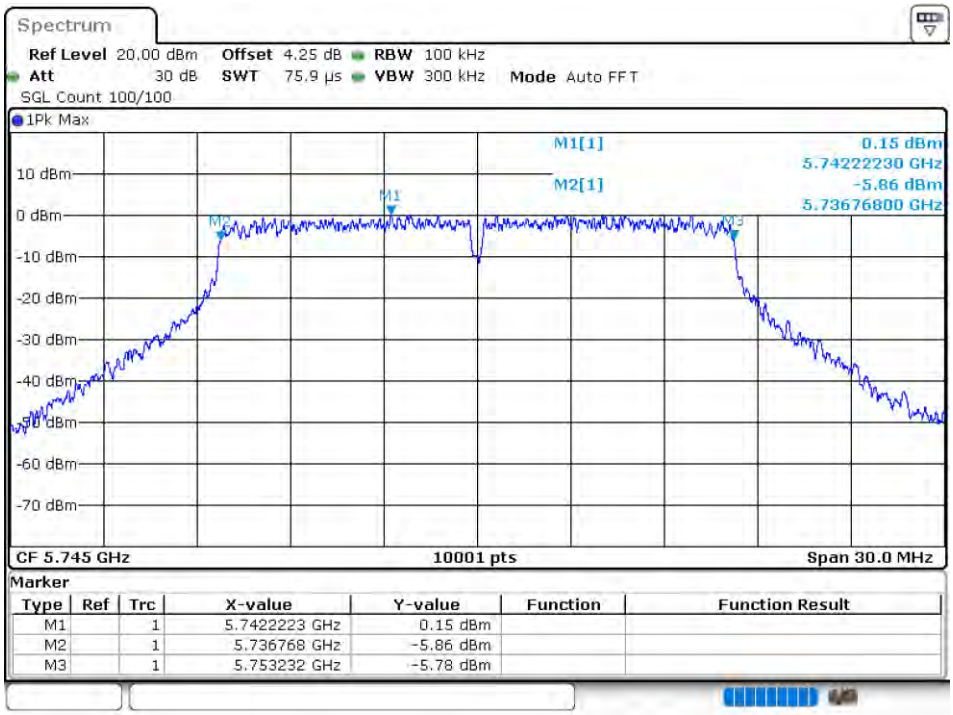
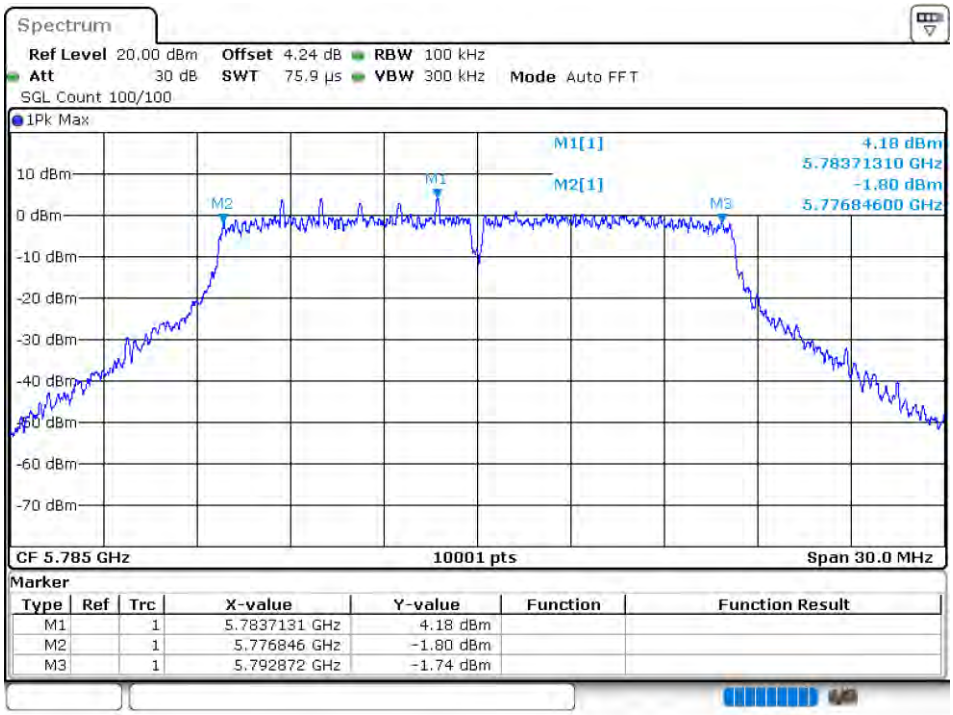
Test Graphs

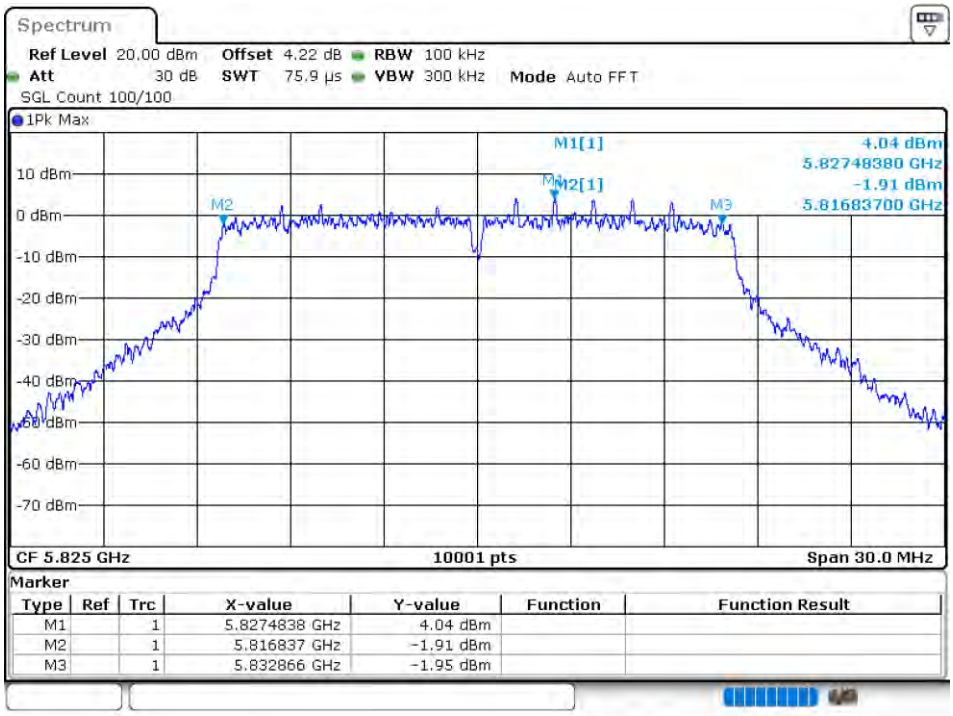
-6dB Bandwidth NVNT a 5745MHz Ant1



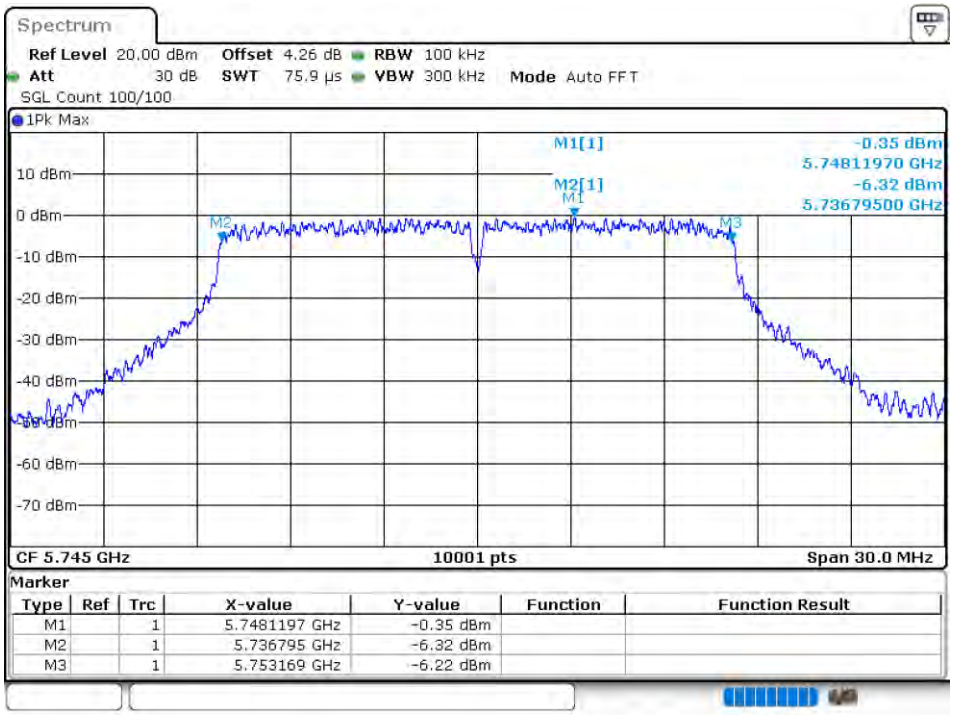
-6dB Bandwidth NVNT a 5785MHz Ant1



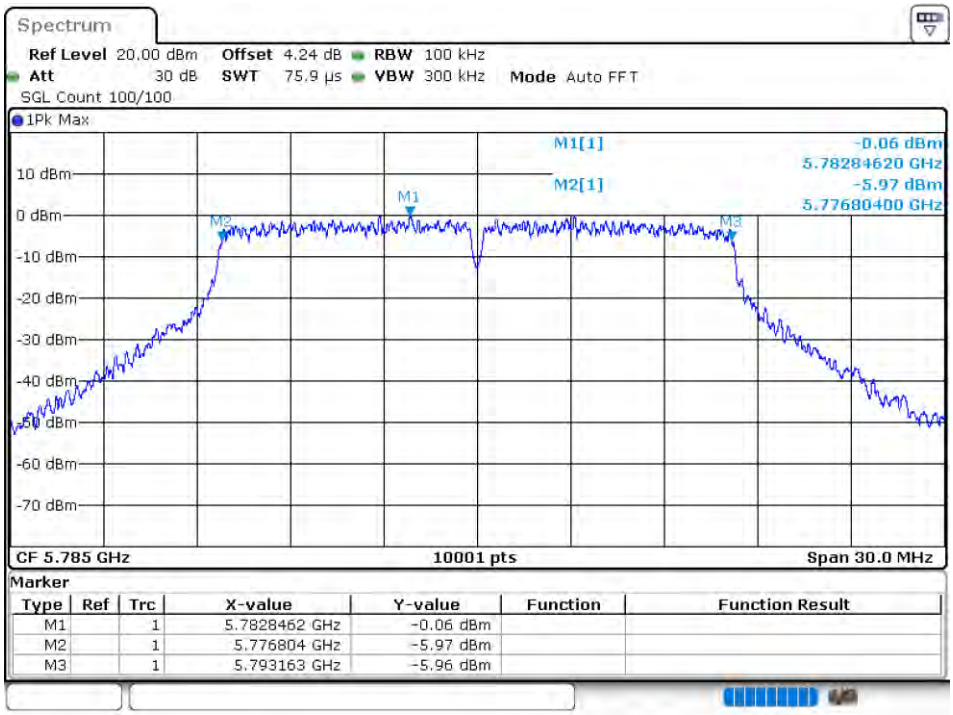
-6dB Bandwidth NVNT a 5825MHz Ant1



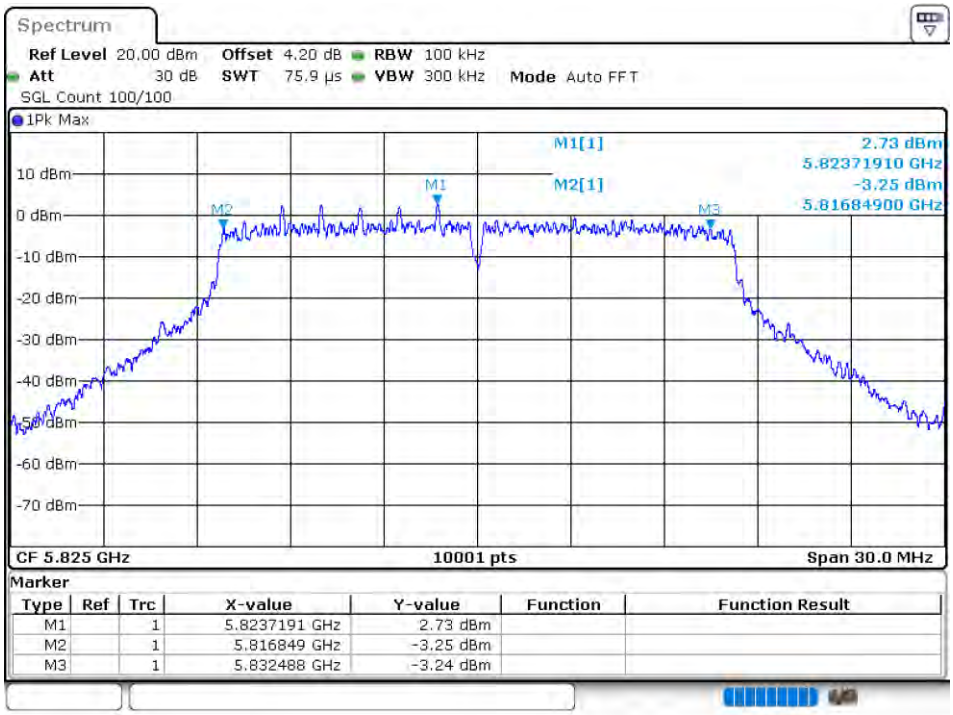
-6dB Bandwidth NVNT a 5745MHz Ant2



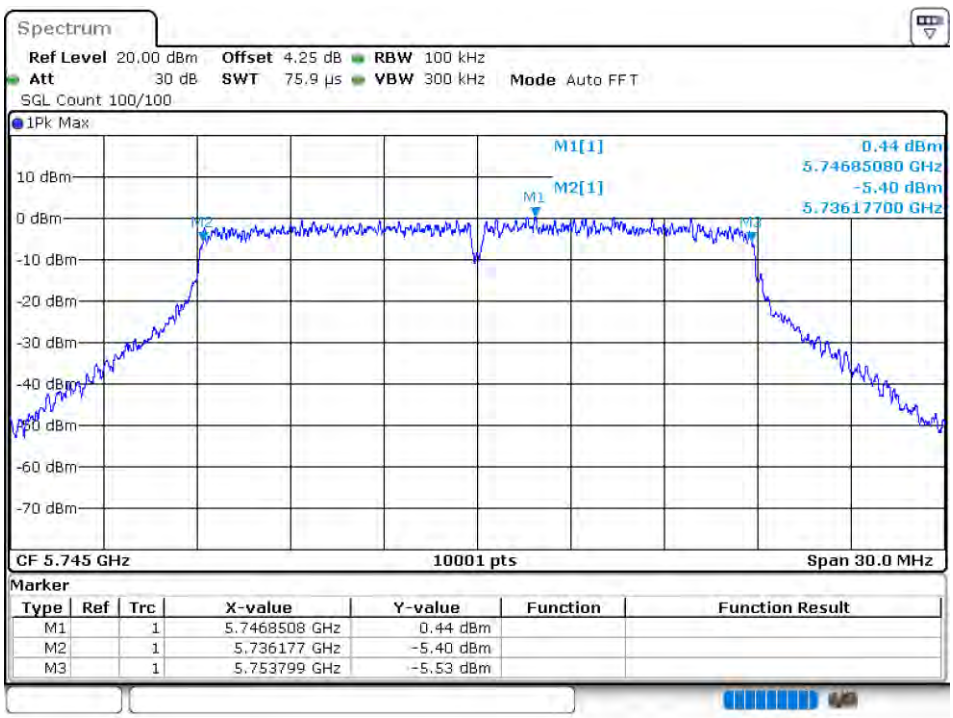
-6dB Bandwidth NVNT a 5785MHz Ant2



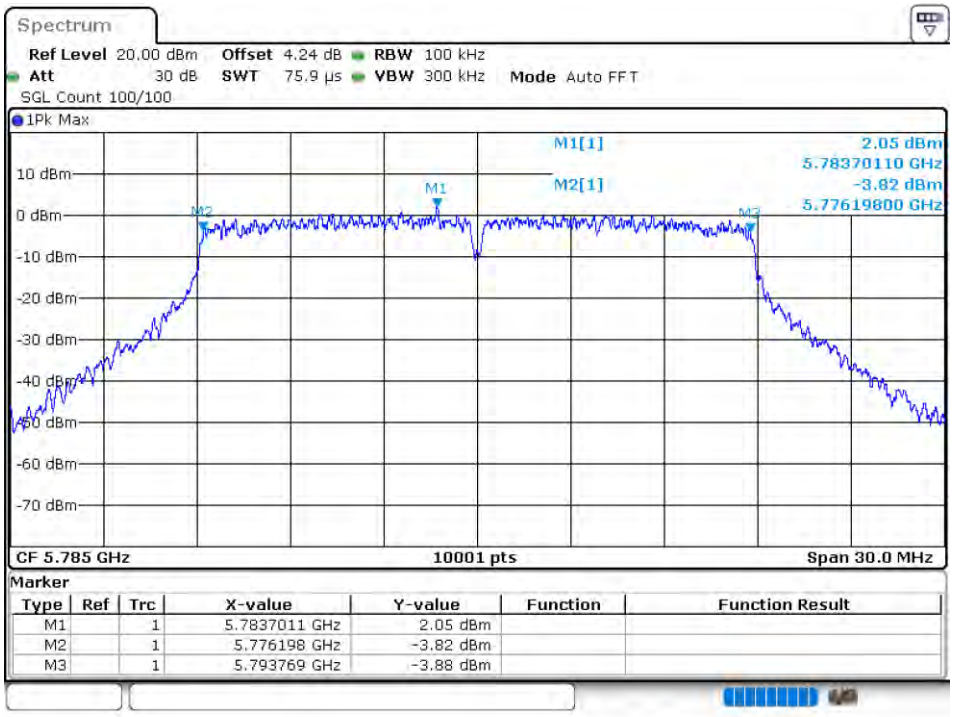
-6dB Bandwidth NVNT a 5825MHz Ant2



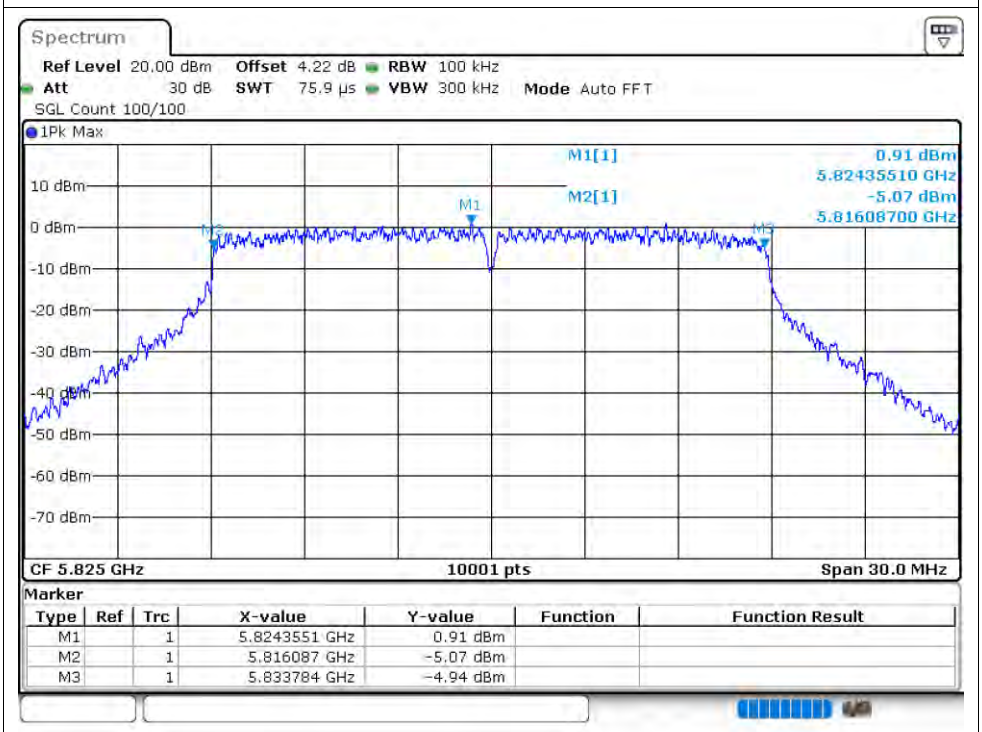
-6dB Bandwidth NVNT n20 5745MHz Ant1



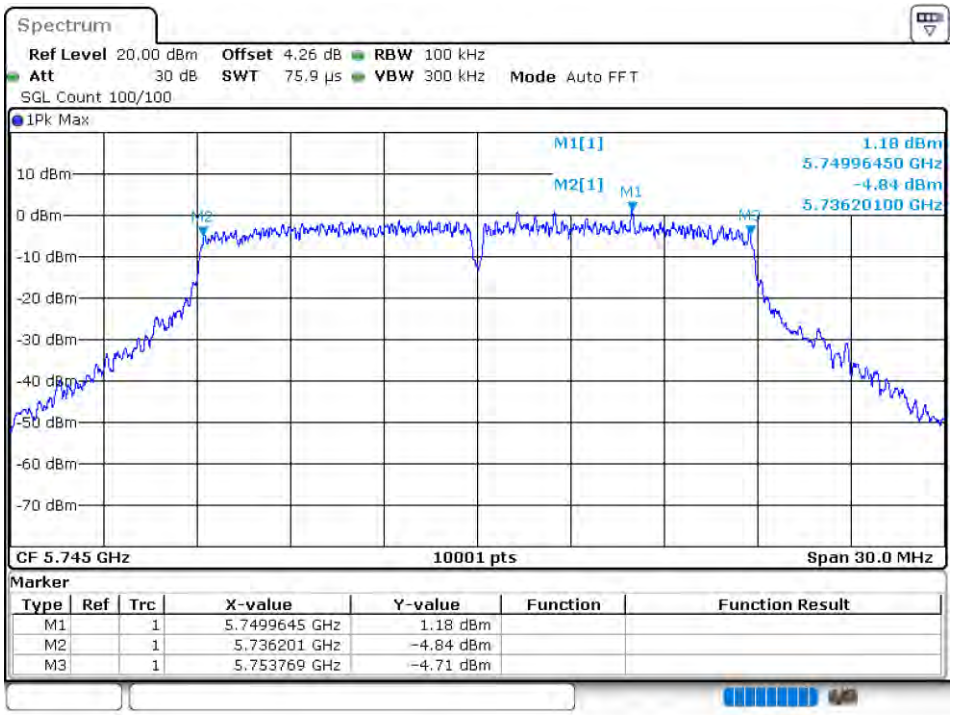
-6dB Bandwidth NVNT n20 5785MHz Ant1



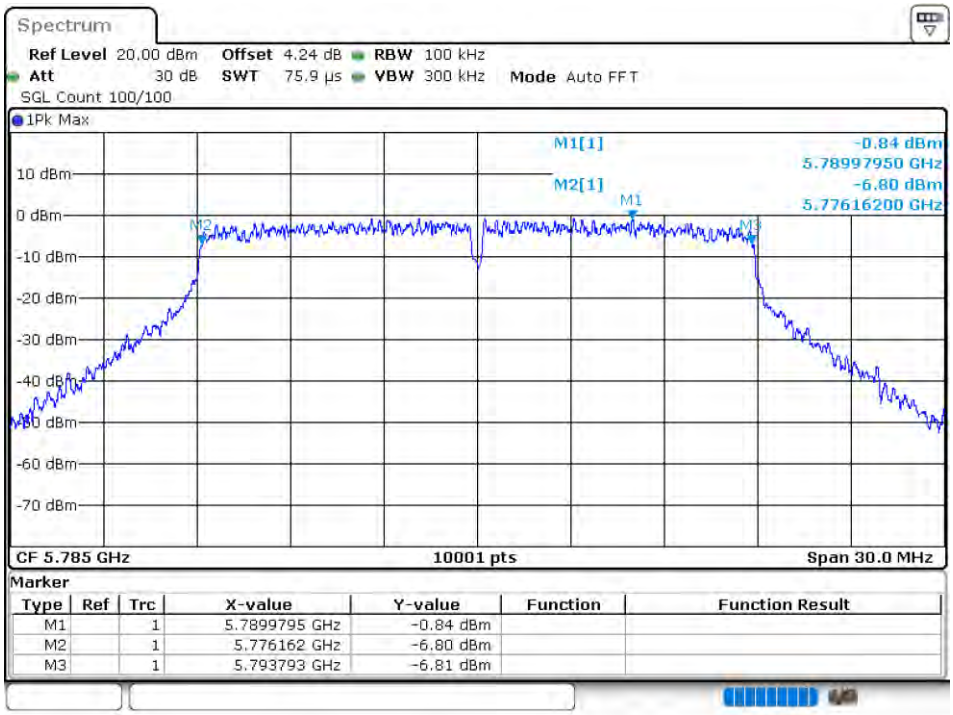
-6dB Bandwidth NVNT n20 5825MHz Ant1



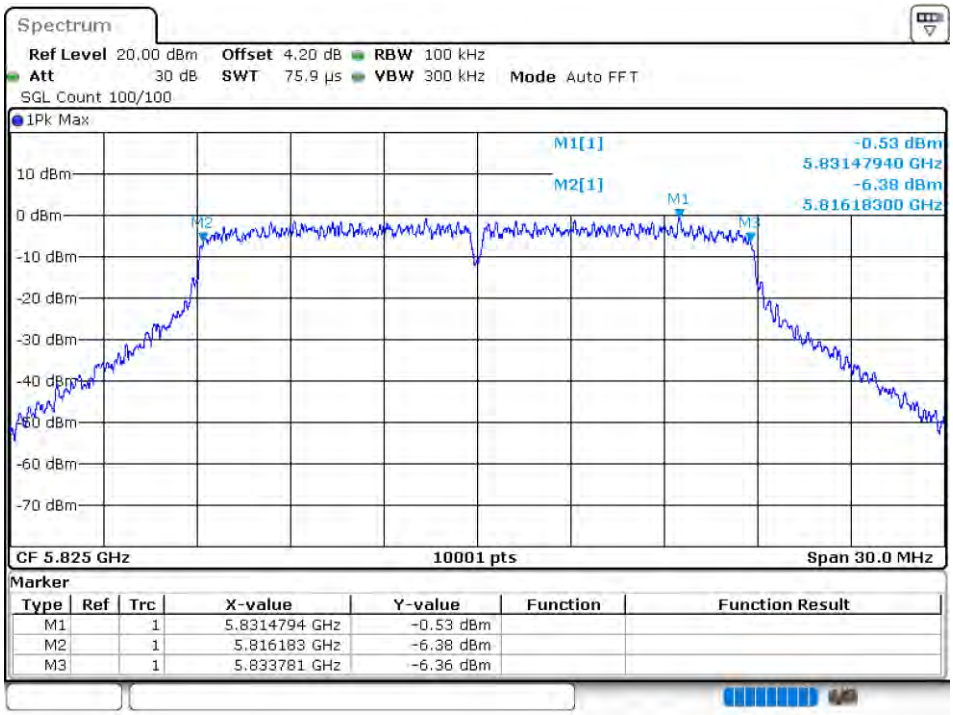
-6dB Bandwidth NVNT n20 5745MHz Ant2



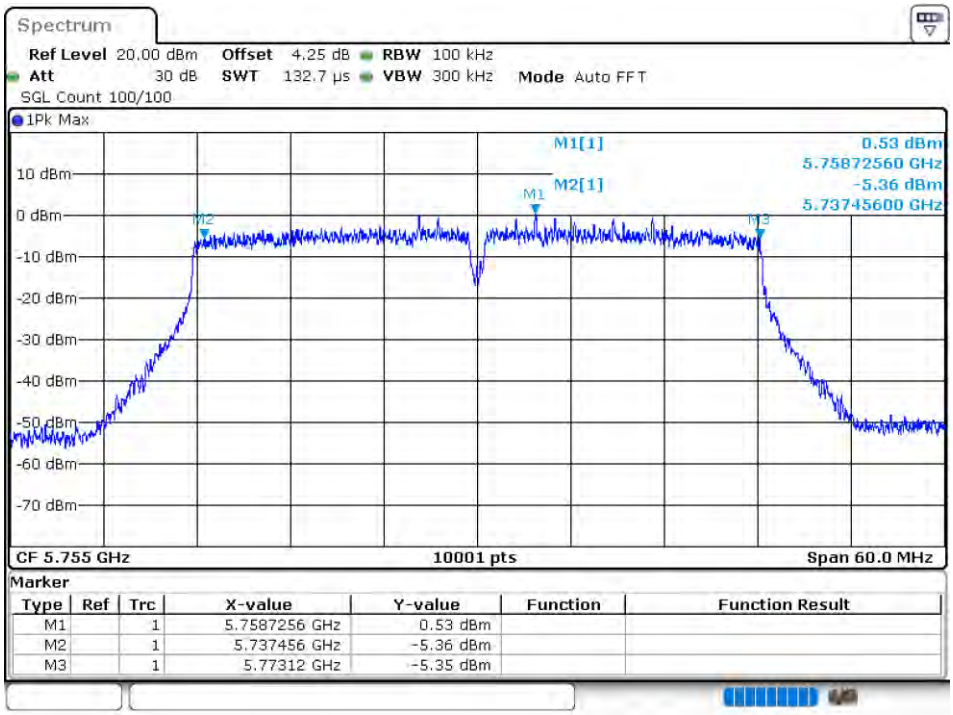
-6dB Bandwidth NVNT n20 5785MHz Ant2



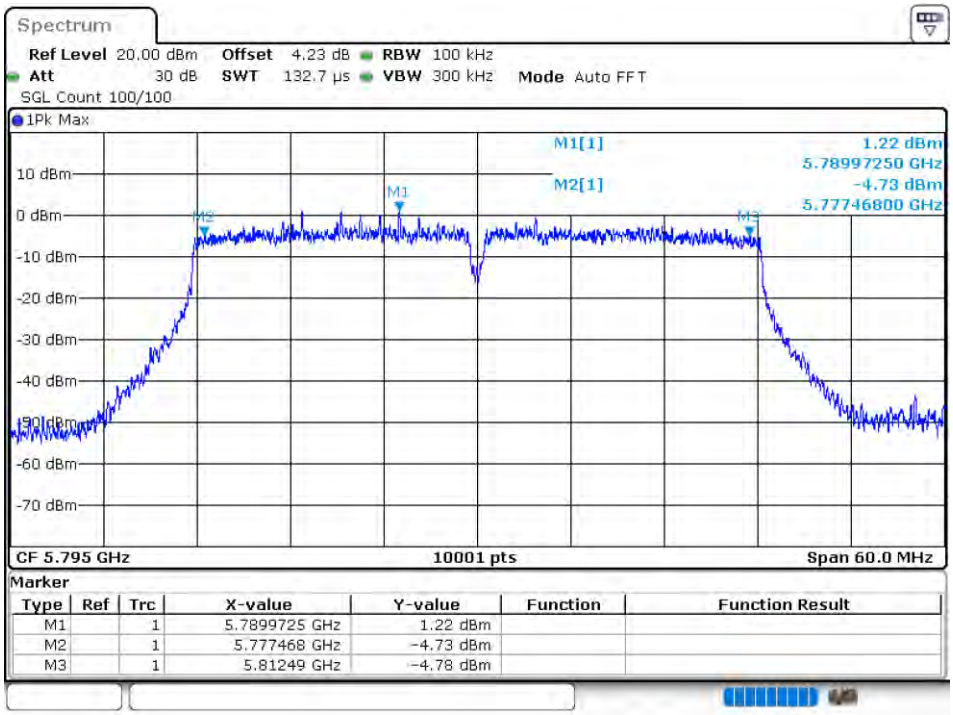
-6dB Bandwidth NVNT n20 5825MHz Ant2



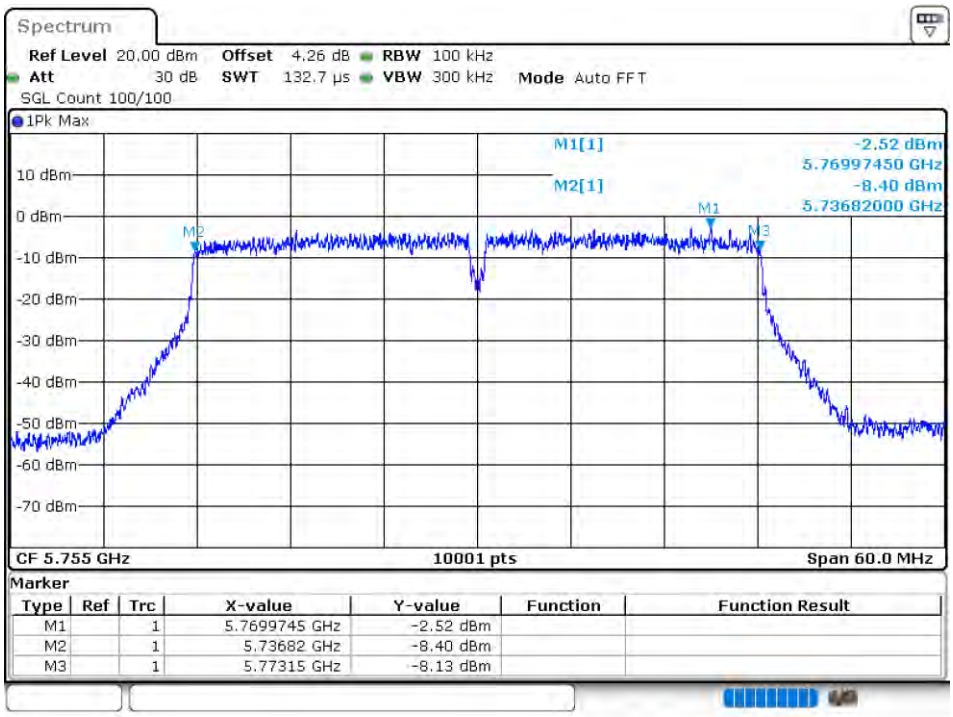
-6dB Bandwidth NVNT n40 5755MHz Ant1



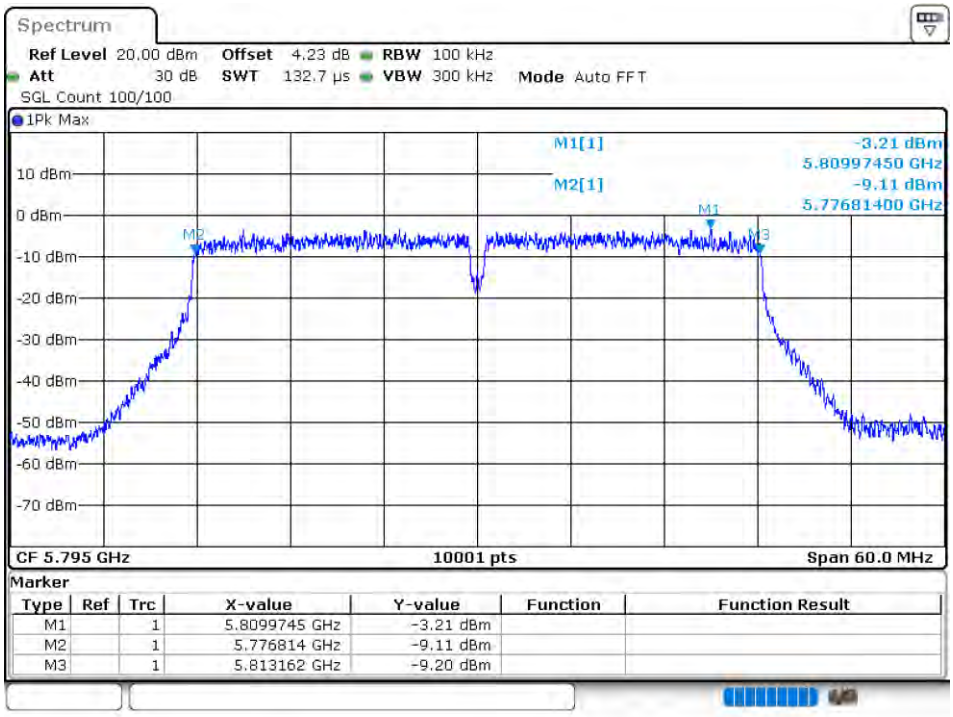
-6dB Bandwidth NVNT n40 5795MHz Ant1



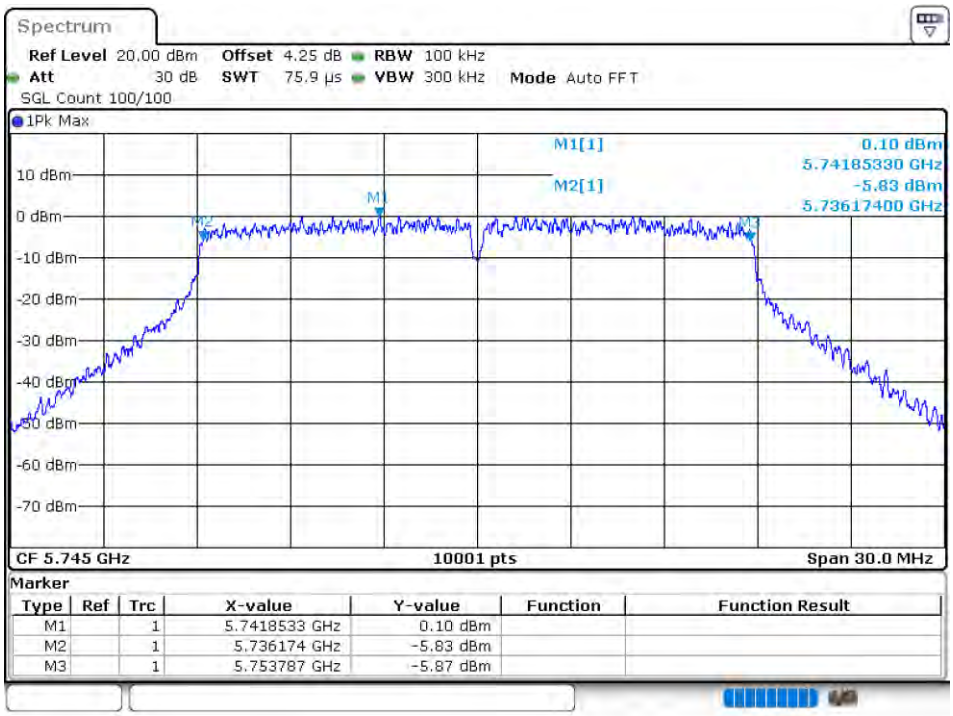
-6dB Bandwidth NVNT n40 5755MHz Ant2



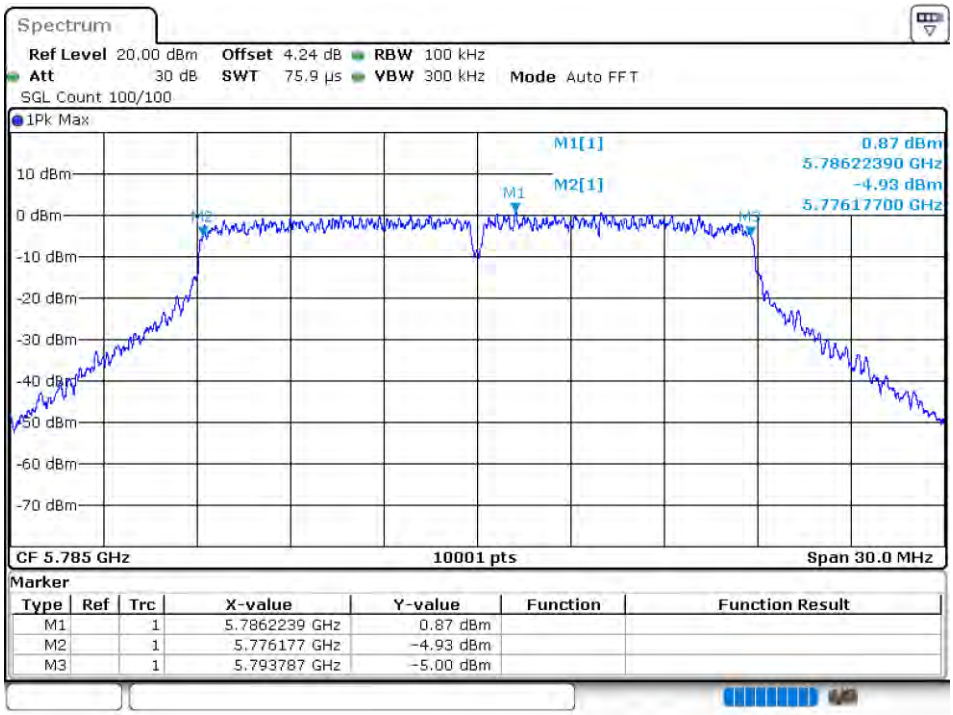
-6dB Bandwidth NVNT n40 5795MHz Ant2



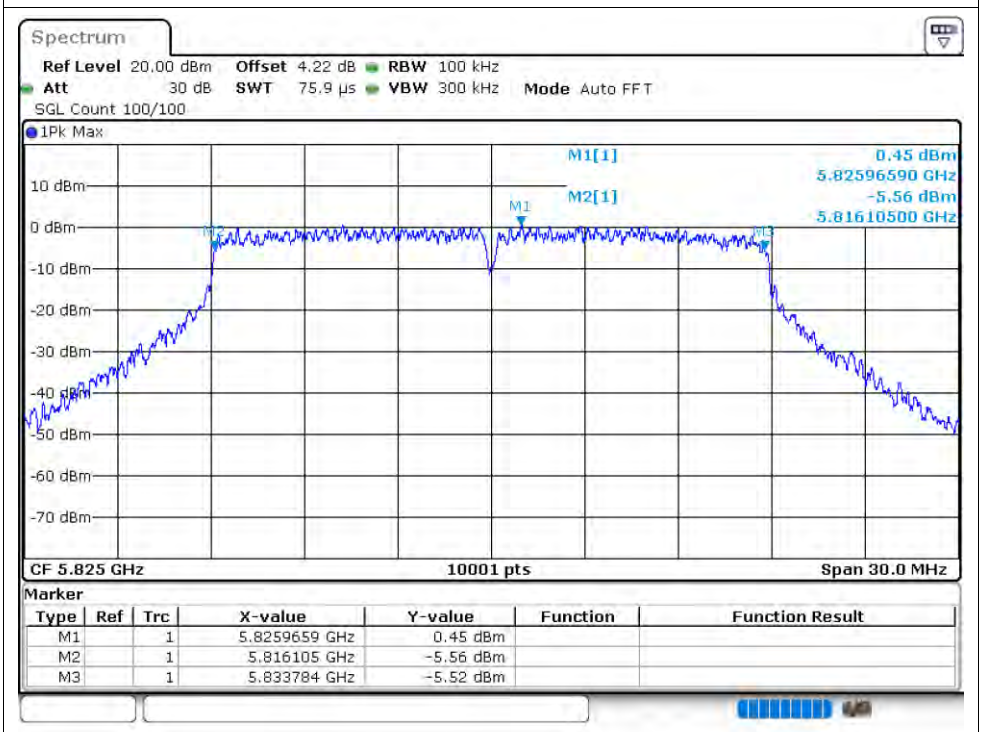
-6dB Bandwidth NVNT ac20 5745MHz Ant1



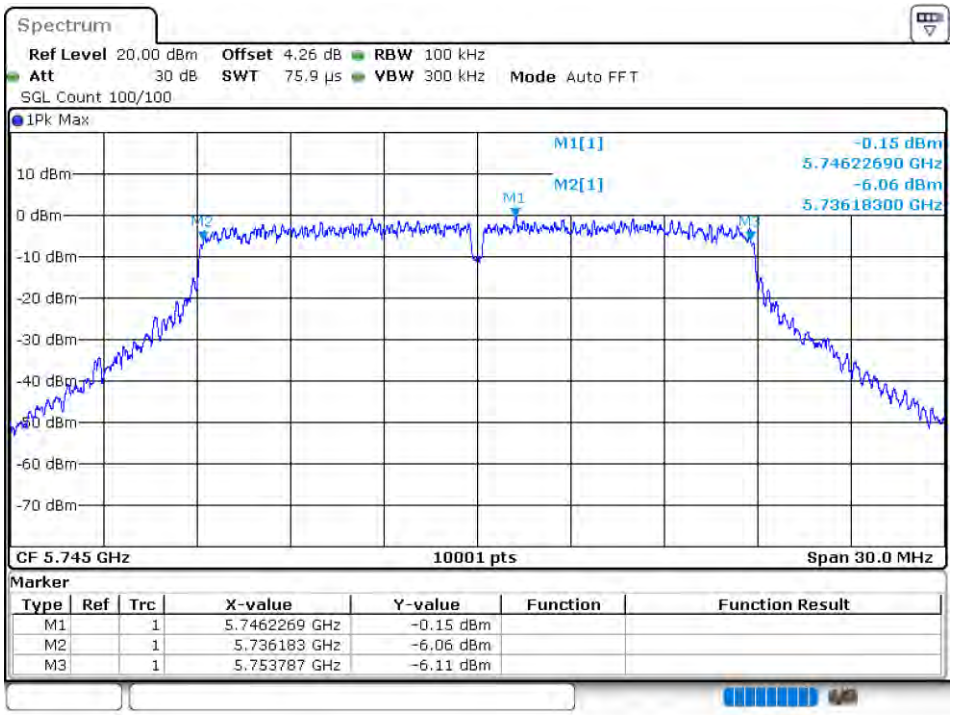
-6dB Bandwidth NVNT ac20 5785MHz Ant1



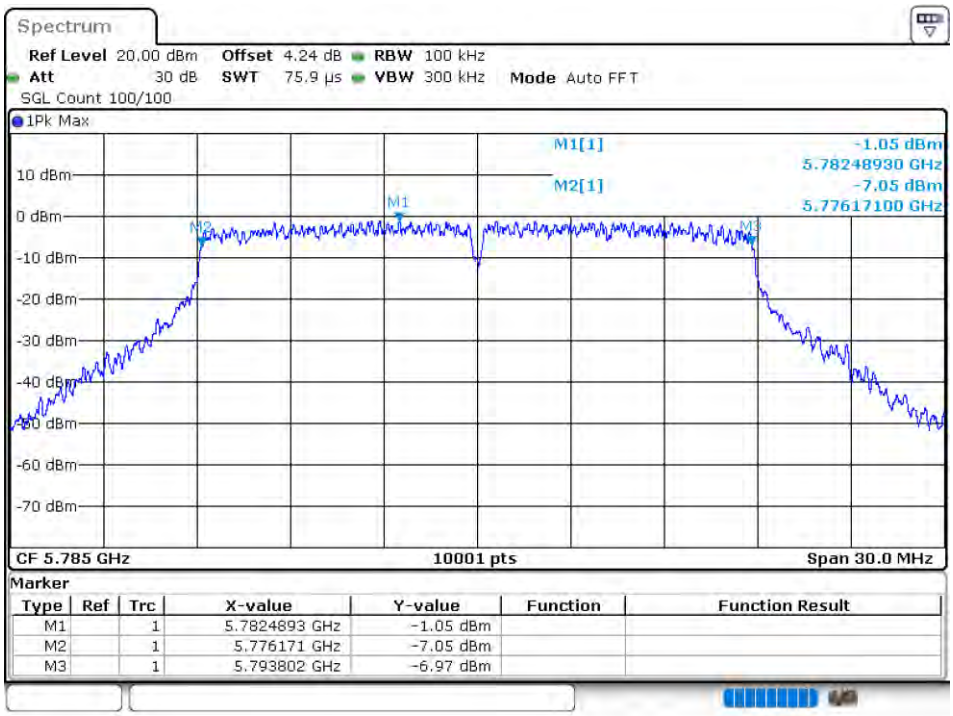
-6dB Bandwidth NVNT ac20 5825MHz Ant1



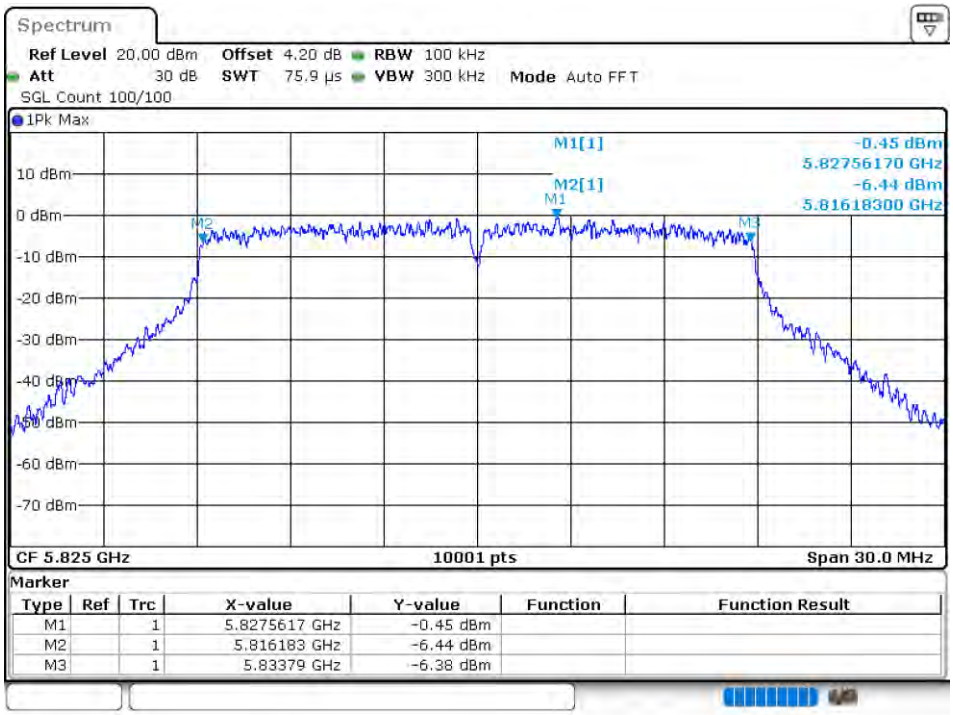
-6dB Bandwidth NVNT ac20 5745MHz Ant2



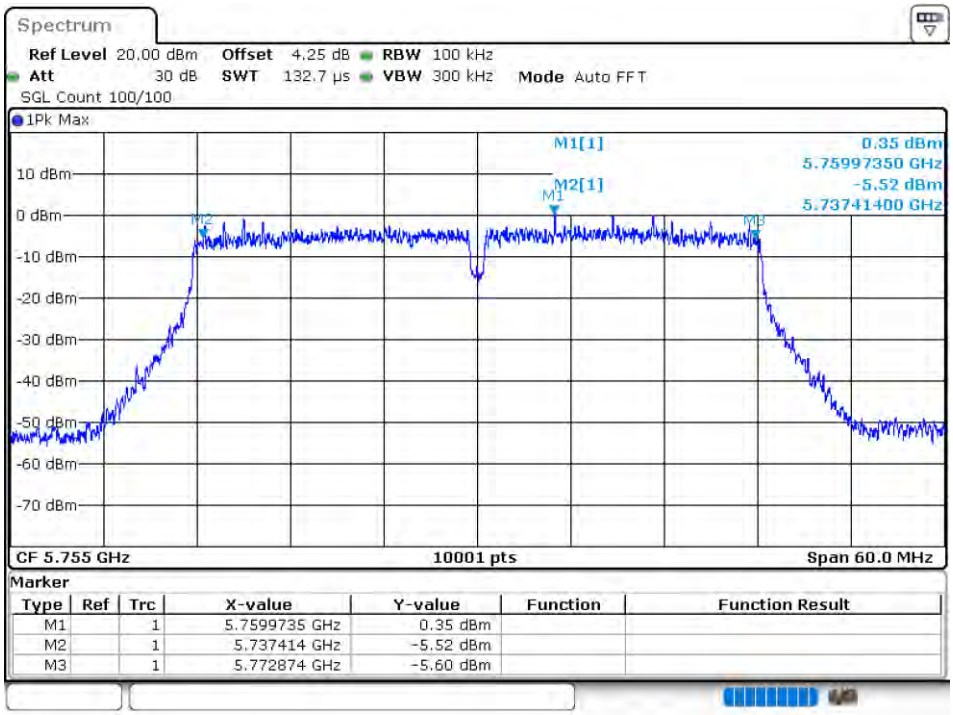
-6dB Bandwidth NVNT ac20 5785MHz Ant2



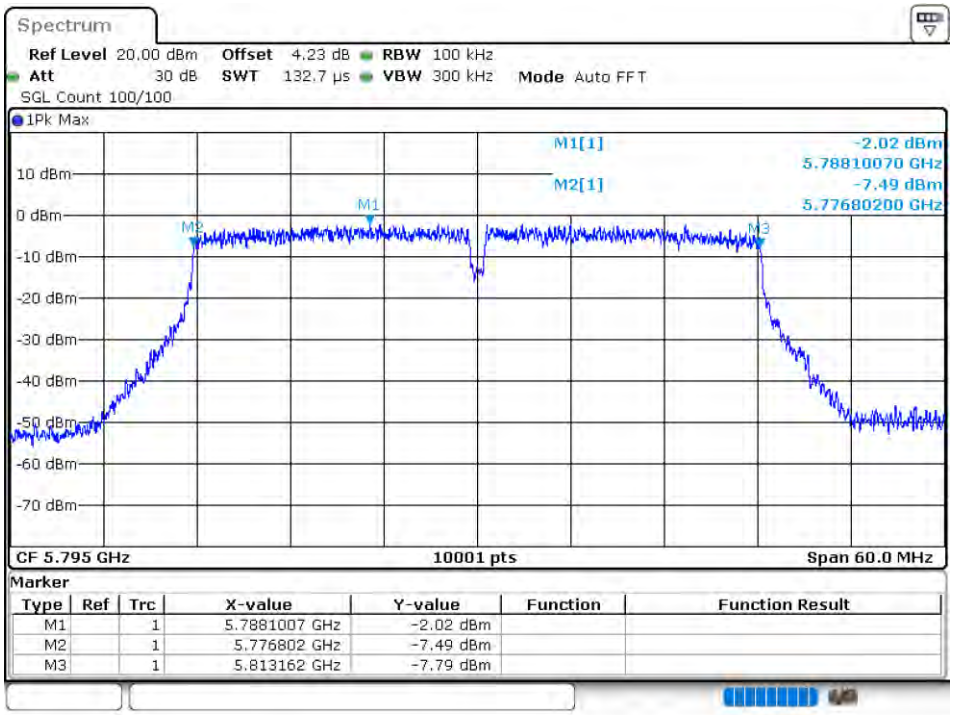
-6dB Bandwidth NVNT ac20 5825MHz Ant2



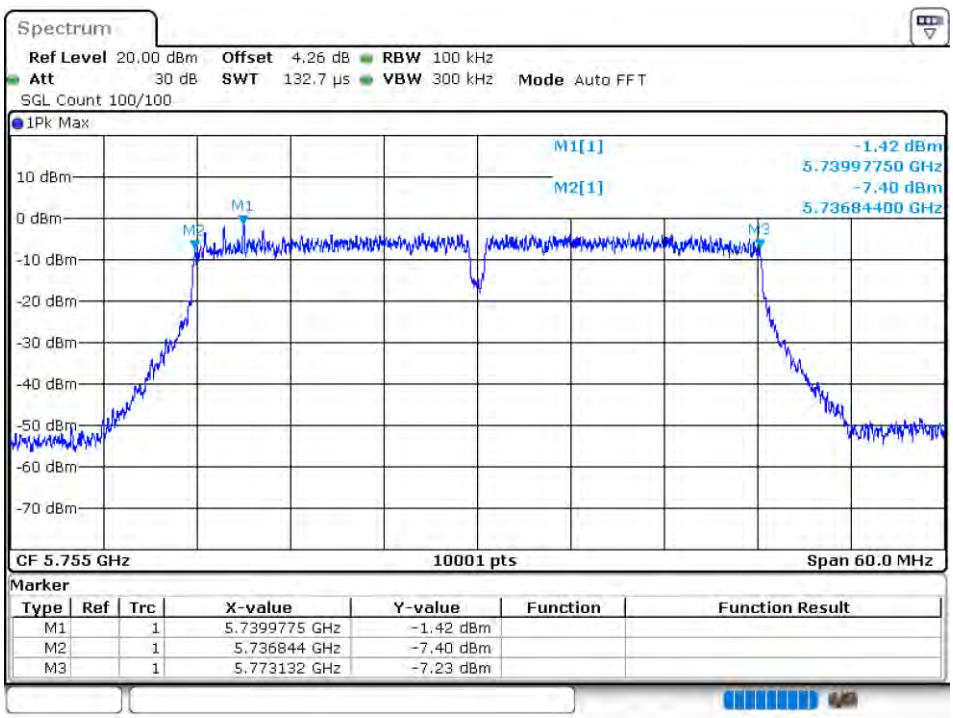
-6dB Bandwidth NVNT ac40 5755MHz Ant1



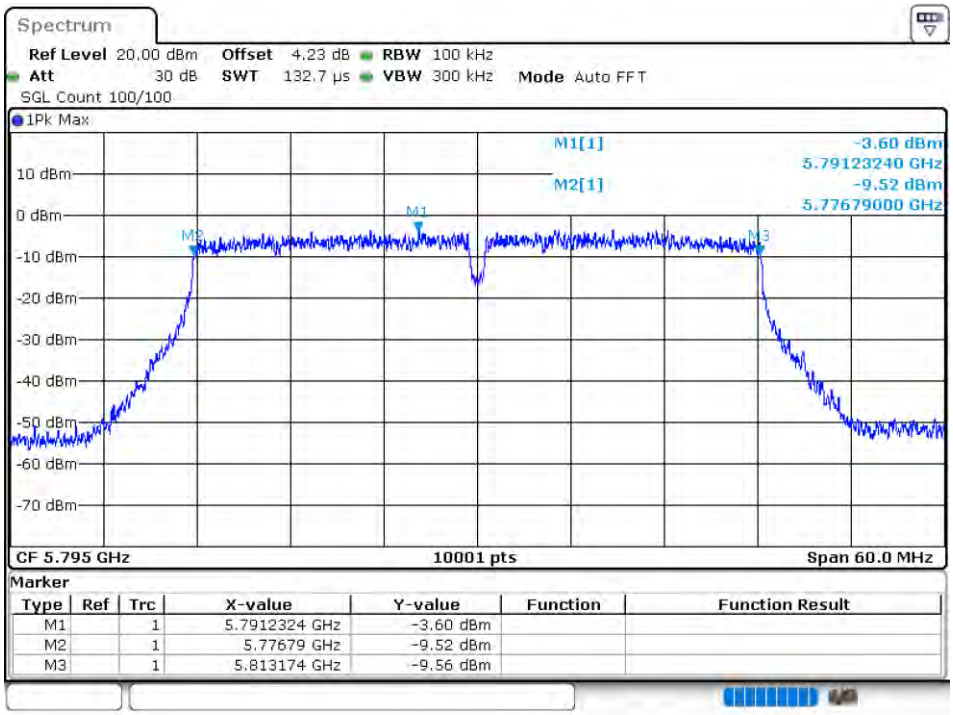
-6dB Bandwidth NVNT ac40 5795MHz Ant1



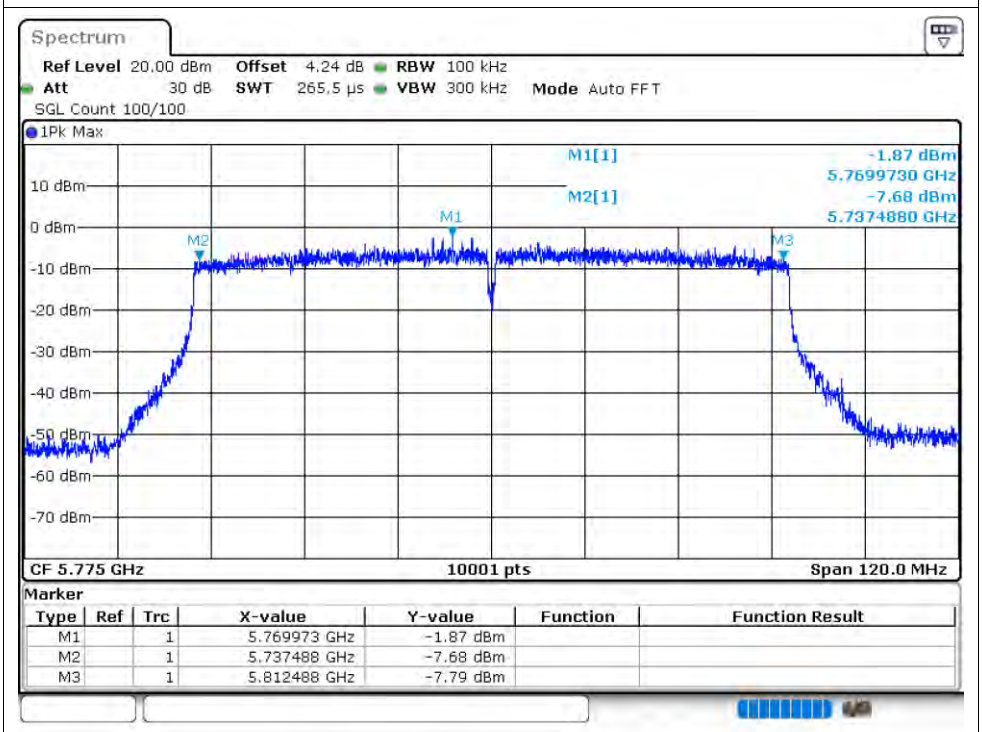
-6dB Bandwidth NVNT ac40 5755MHz Ant2



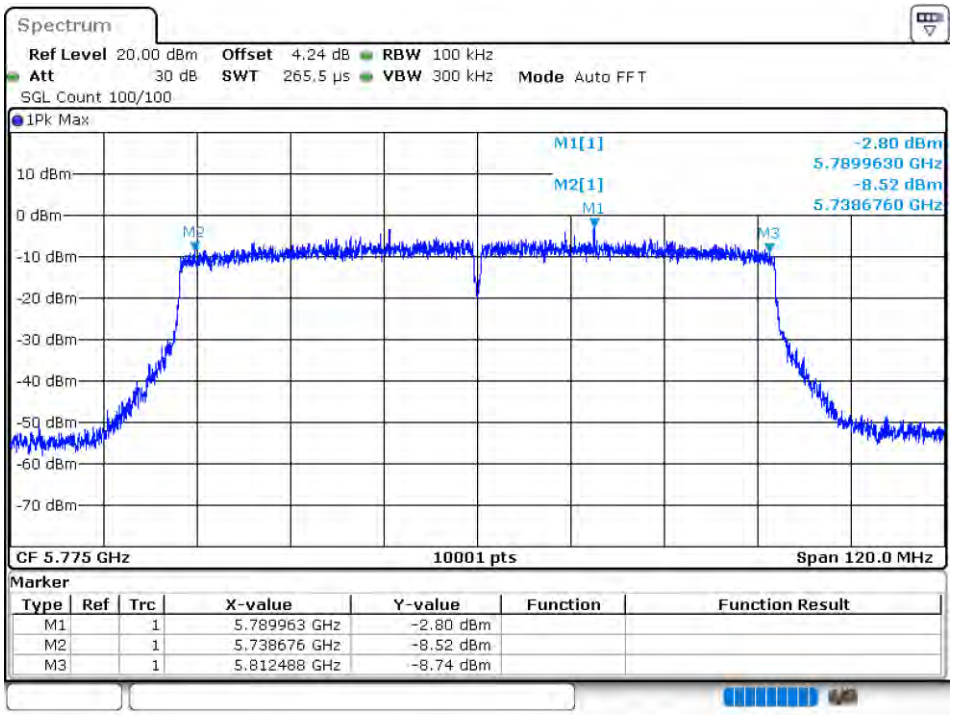
-6dB Bandwidth NVNT ac40 5795MHz Ant2



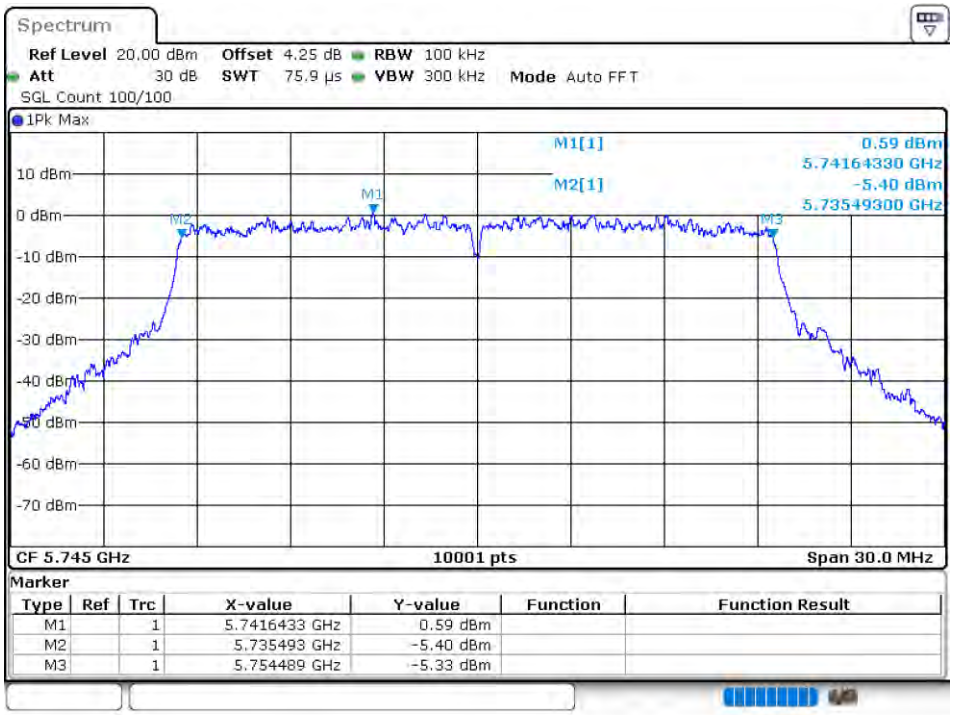
-6dB Bandwidth NVNT ac80 5775MHz Ant1



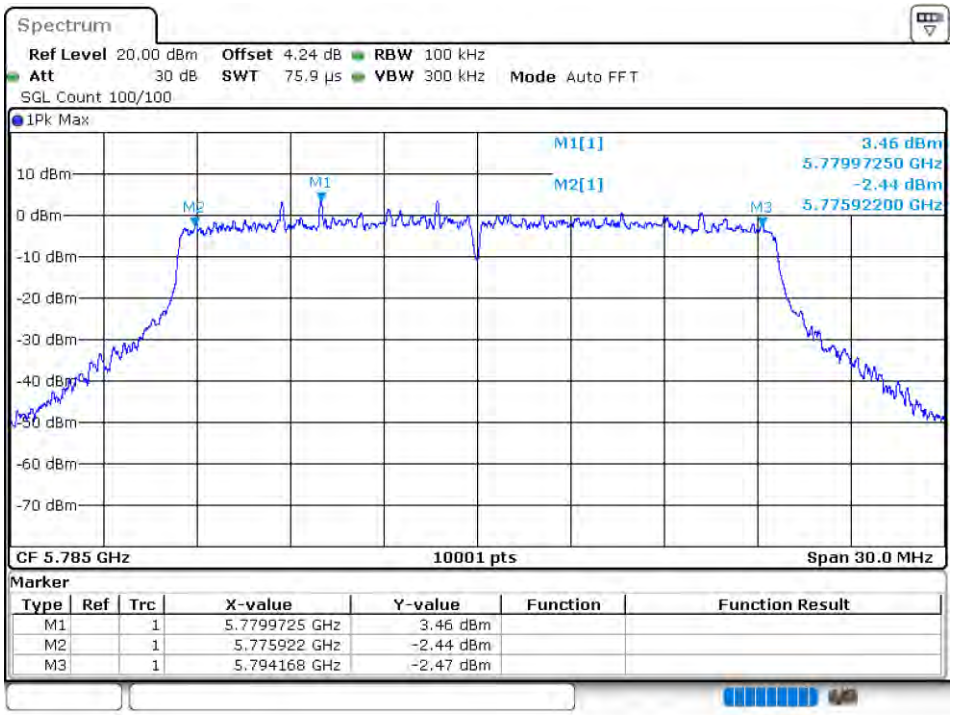
-6dB Bandwidth NVNT ac80 5775MHz Ant2



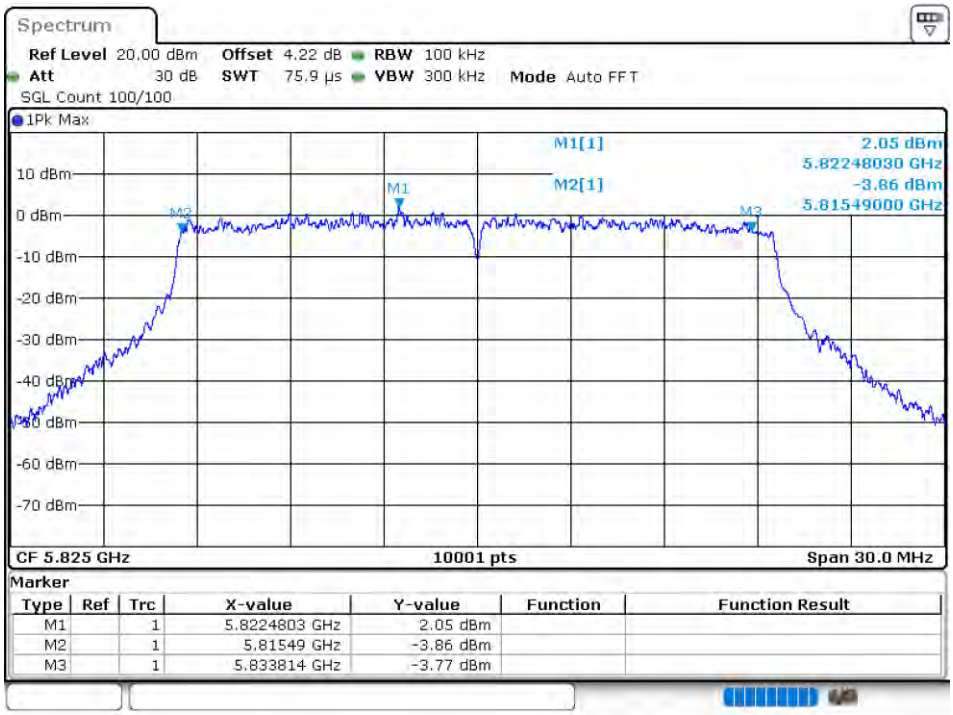
-6dB Bandwidth NVNT ax20 5745MHz Ant1



-6dB Bandwidth NVNT ax20 5785MHz Ant1



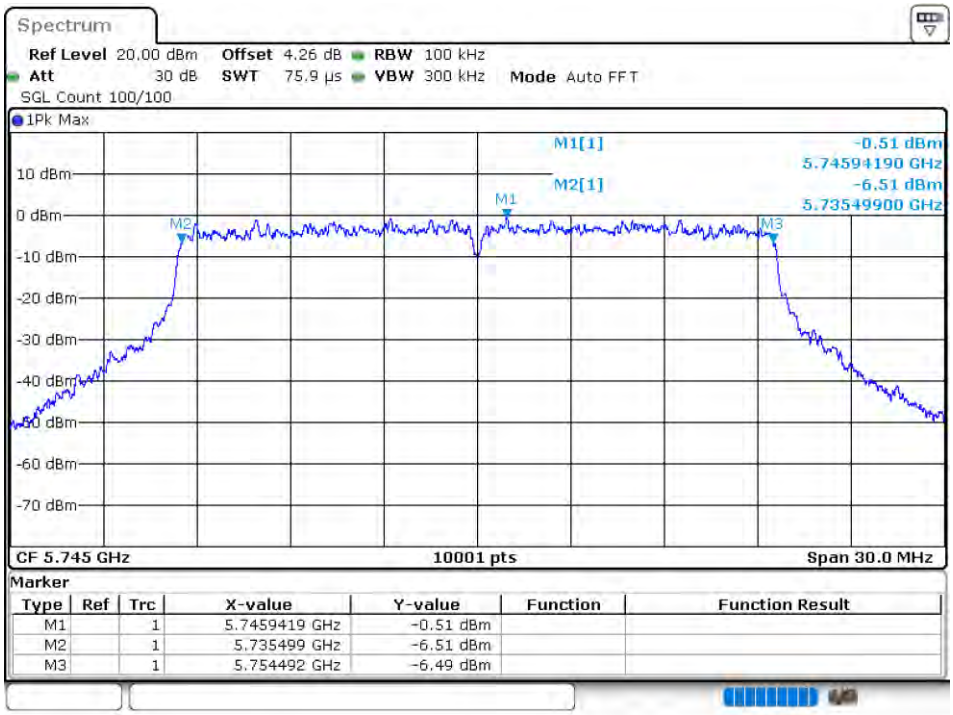
-6dB Bandwidth NVNT ax20 5825MHz Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8224803 GHz	2.05 dBm		
M2		1	5.81549 GHz	-3.86 dBm		
M3		1	5.833814 GHz	-3.77 dBm		

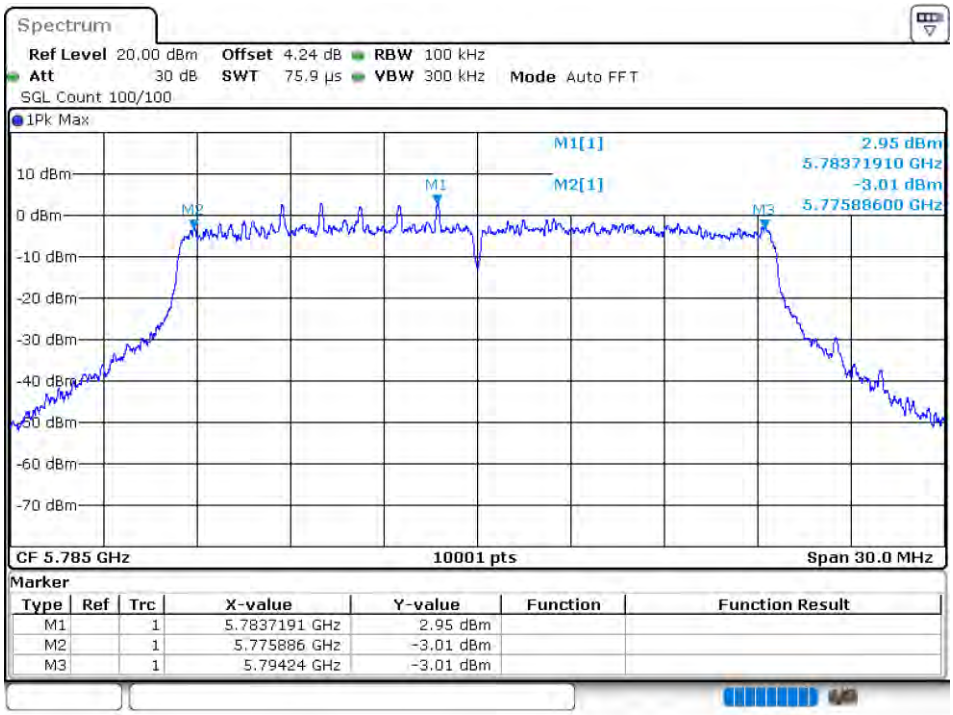
-6dB Bandwidth NVNT ax20 5745MHz Ant2



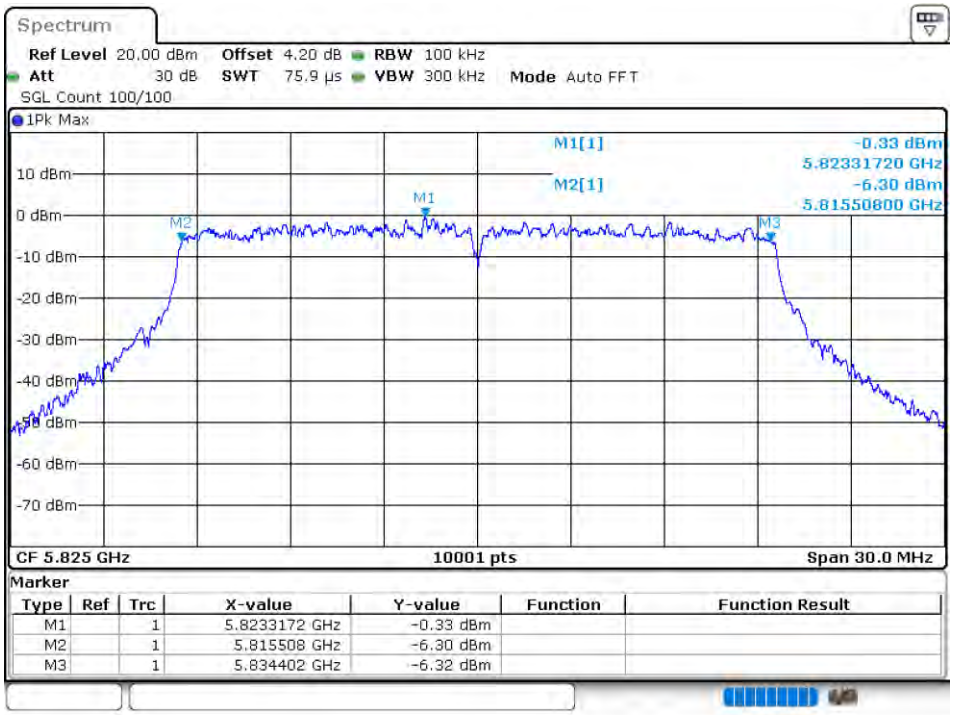
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7459419 GHz	-0.51 dBm		
M2		1	5.735499 GHz	-6.51 dBm		
M3		1	5.754492 GHz	-6.49 dBm		

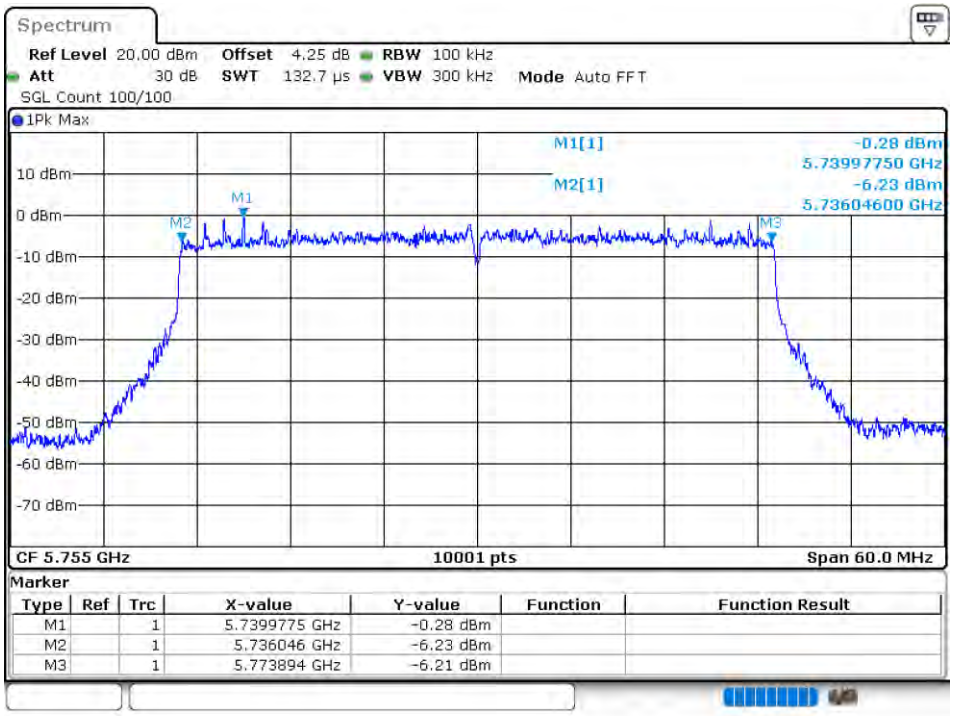
-6dB Bandwidth NVNT ax20 5785MHz Ant2



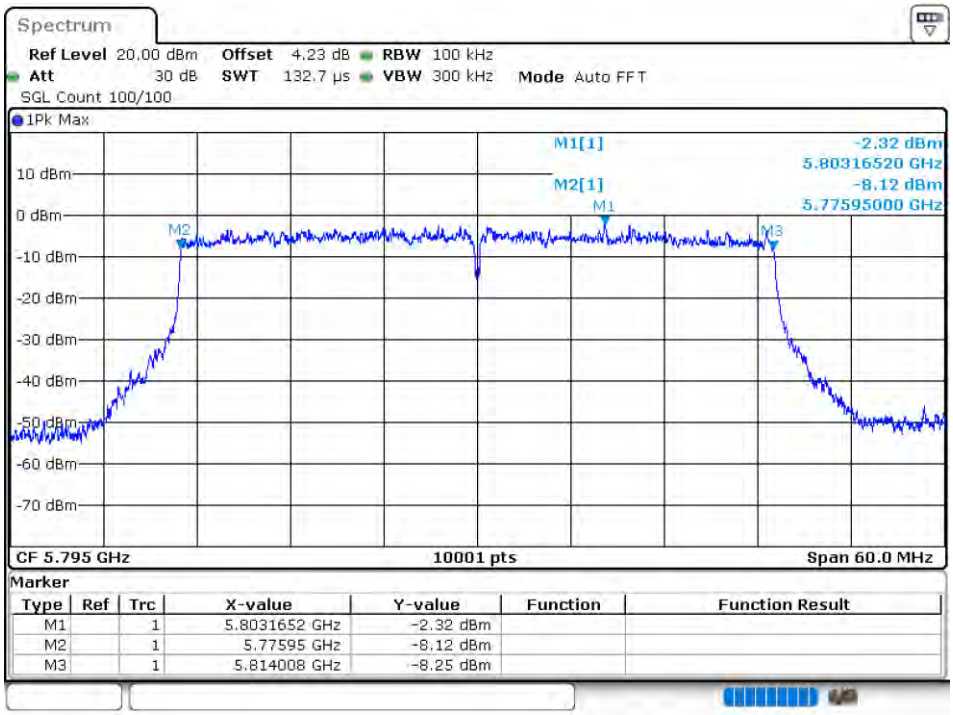
-6dB Bandwidth NVNT ax20 5825MHz Ant2



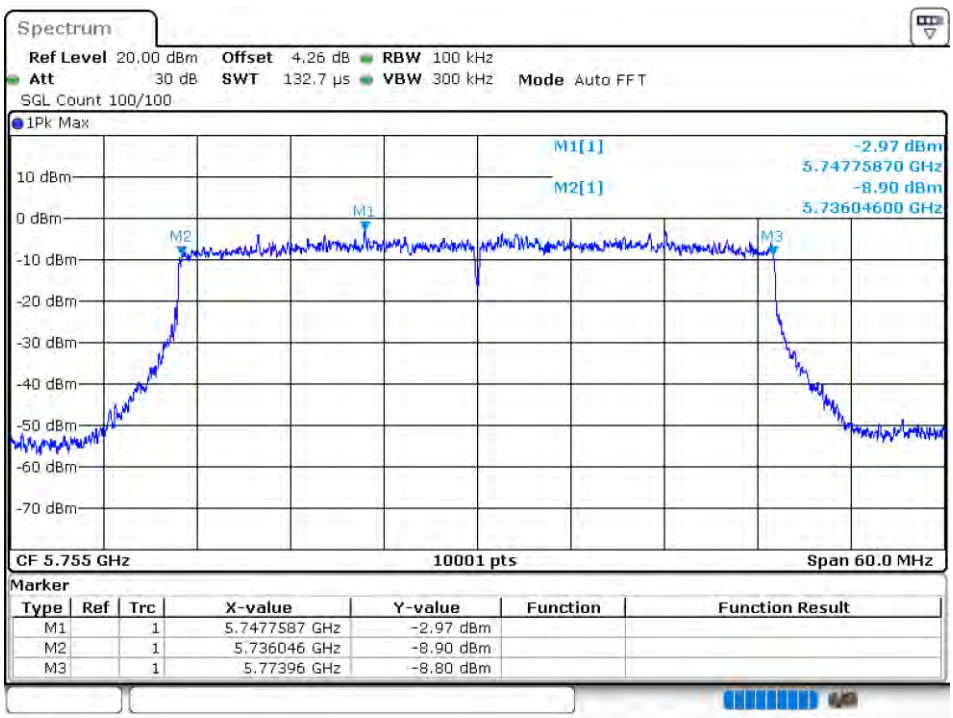
-6dB Bandwidth NVNT ax40 5755MHz Ant1



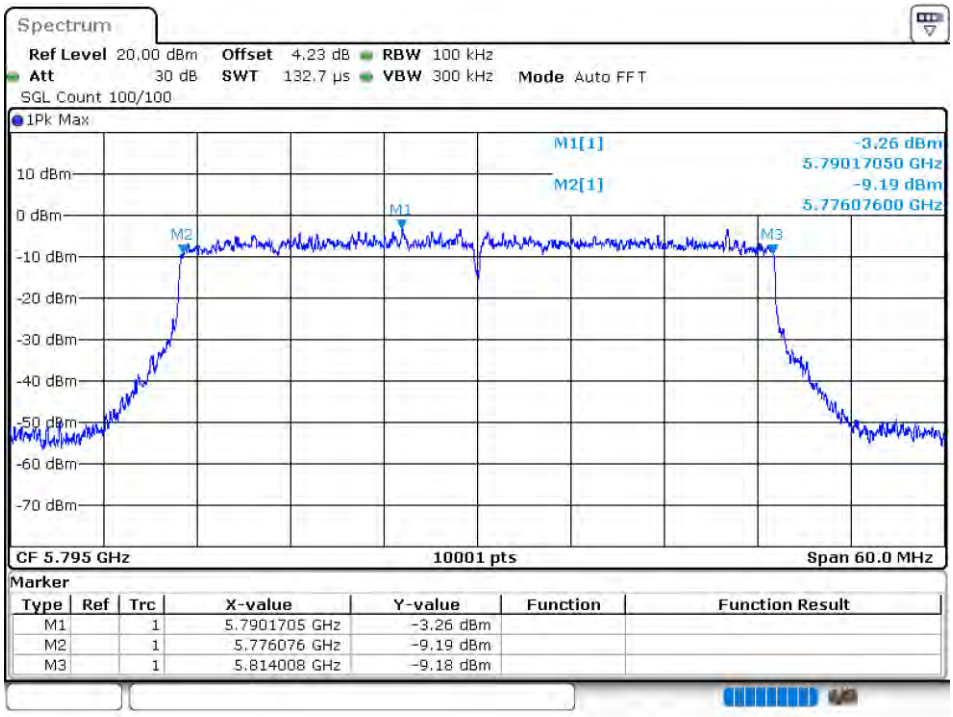
-6dB Bandwidth NVNT ax40 5795MHz Ant1



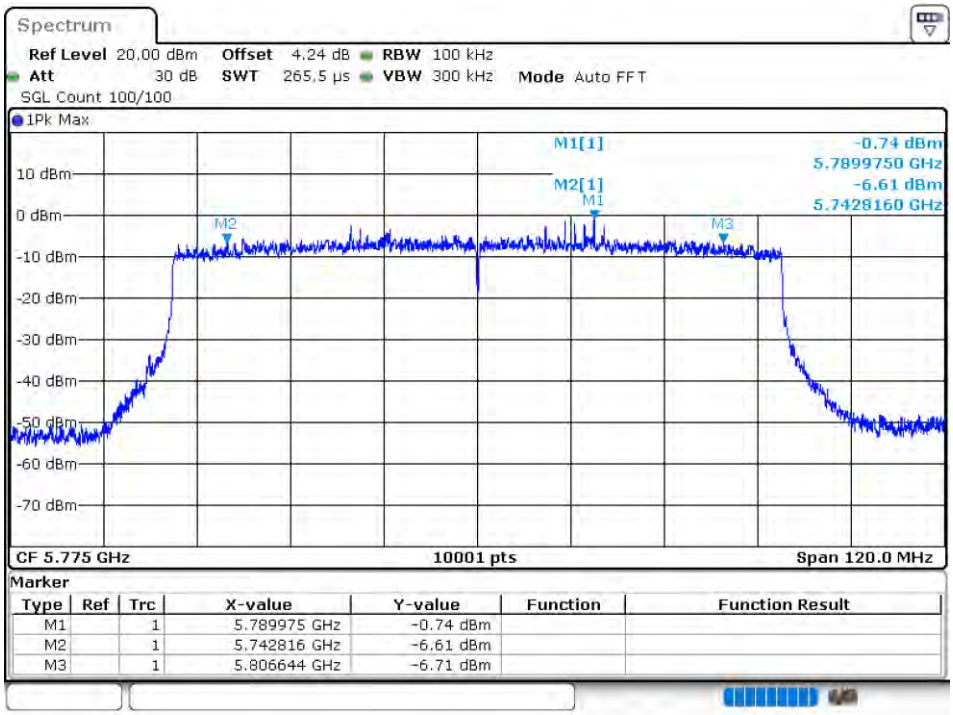
-6dB Bandwidth NVNT ax40 5755MHz Ant2



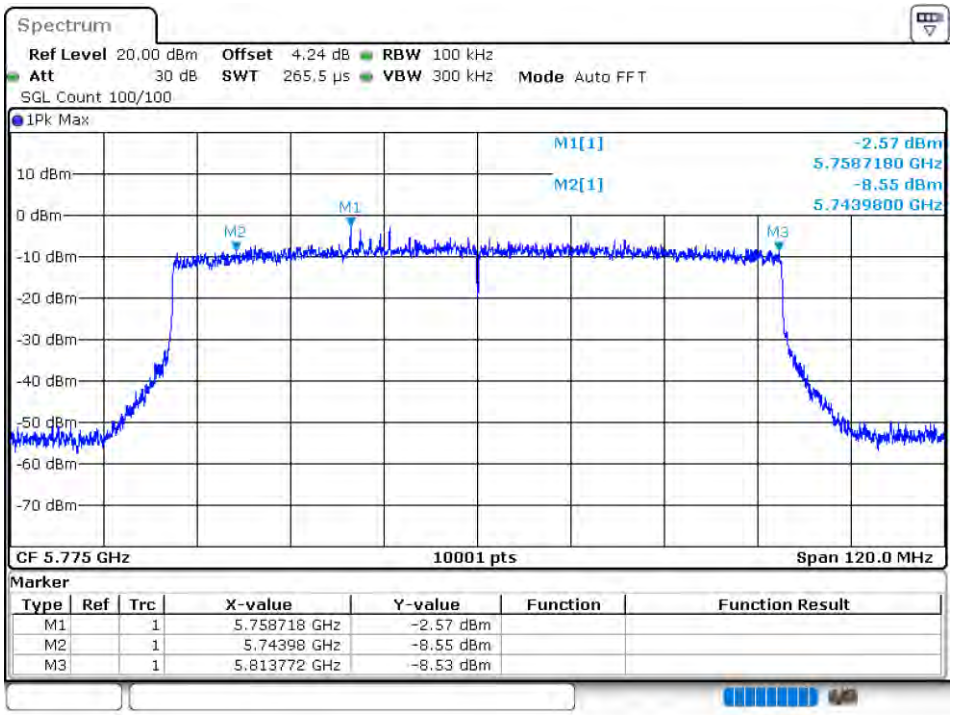
-6dB Bandwidth NVNT ax40 5795MHz Ant2



-6dB Bandwidth NVNT ax80 5775MHz Ant1



-6dB Bandwidth NVNT ax80 5775MHz Ant2

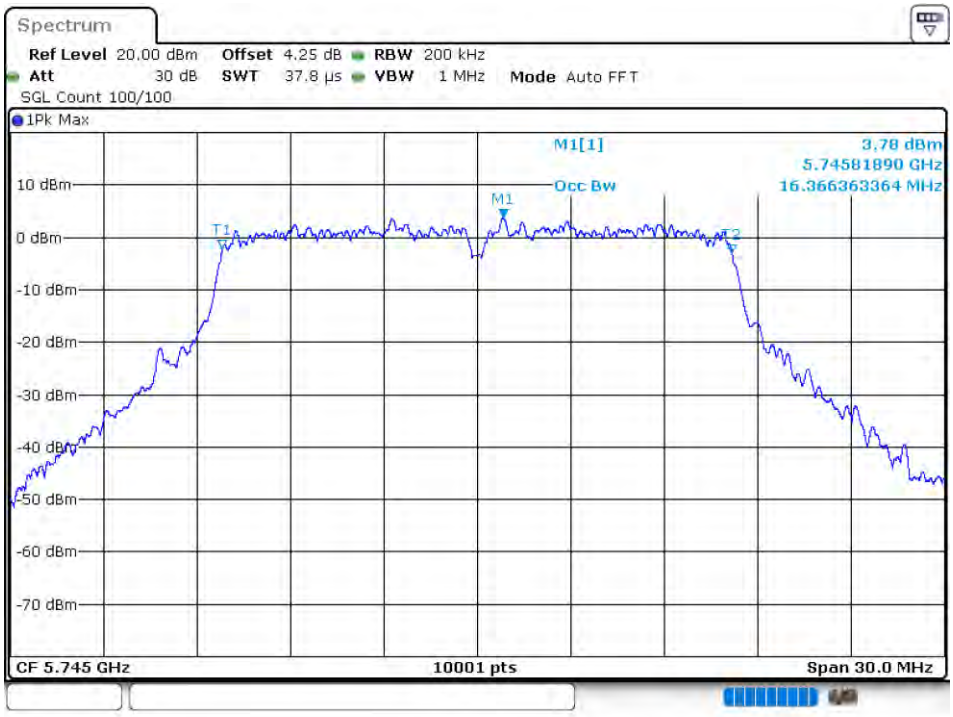


Occupied Channel Bandwidth

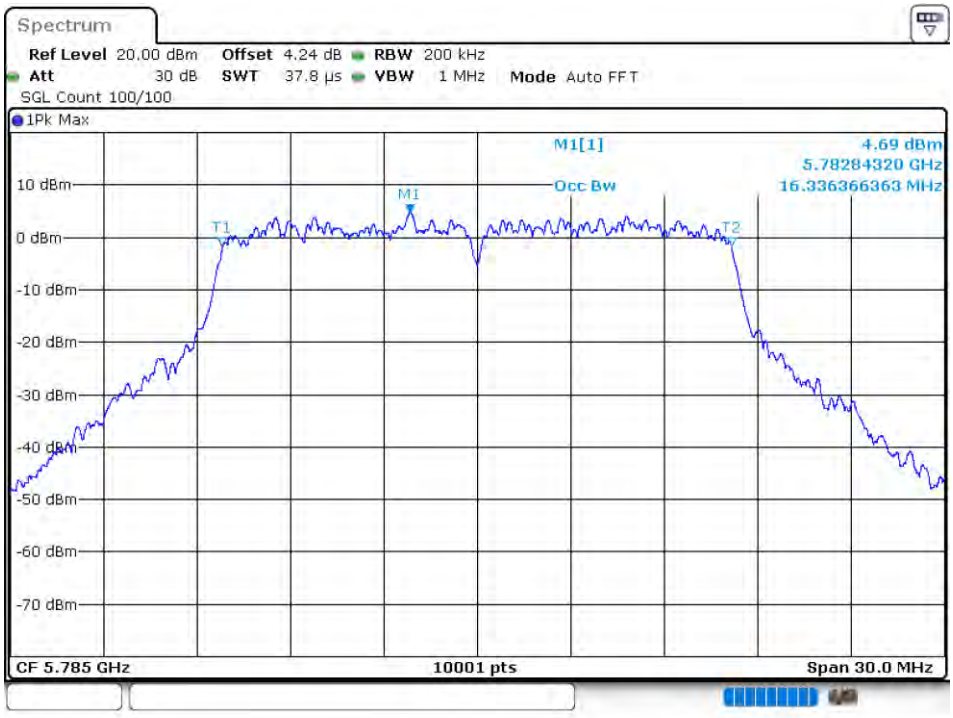
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	a	5745	Ant1	16.366
NVNT	a	5785	Ant1	16.336
NVNT	a	5825	Ant1	16.411
NVNT	a	5745	Ant2	16.381
NVNT	a	5785	Ant2	16.396
NVNT	a	5825	Ant2	16.378
NVNT	n20	5745	Ant1	17.584
NVNT	n20	5785	Ant1	17.545
NVNT	n20	5825	Ant1	17.59
NVNT	n20	5745	Ant2	17.638
NVNT	n20	5785	Ant2	17.59
NVNT	n20	5825	Ant2	17.593
NVNT	n40	5755	Ant1	36.056
NVNT	n40	5795	Ant1	36.044
NVNT	n40	5755	Ant2	36.032
NVNT	n40	5795	Ant2	36.068
NVNT	ac20	5745	Ant1	17.605
NVNT	ac20	5785	Ant1	17.665
NVNT	ac20	5825	Ant1	17.584
NVNT	ac20	5745	Ant2	17.554
NVNT	ac20	5785	Ant2	17.569
NVNT	ac20	5825	Ant2	17.584
NVNT	ac40	5755	Ant1	36.05
NVNT	ac40	5795	Ant1	36.062
NVNT	ac40	5755	Ant2	36.044
NVNT	ac40	5795	Ant2	36.08
NVNT	ac80	5775	Ant1	75.316
NVNT	ac80	5775	Ant2	75.232
NVNT	ax20	5745	Ant1	18.862
NVNT	ax20	5785	Ant1	18.871
NVNT	ax20	5825	Ant1	18.955
NVNT	ax20	5745	Ant2	18.877
NVNT	ax20	5785	Ant2	18.868
NVNT	ax20	5825	Ant2	18.922
NVNT	ax40	5755	Ant1	37.718
NVNT	ax40	5795	Ant1	37.706
NVNT	ax40	5755	Ant2	37.676
NVNT	ax40	5795	Ant2	37.694
NVNT	ax80	5775	Ant1	77.008
NVNT	ax80	5775	Ant2	76.912

Test Graphs

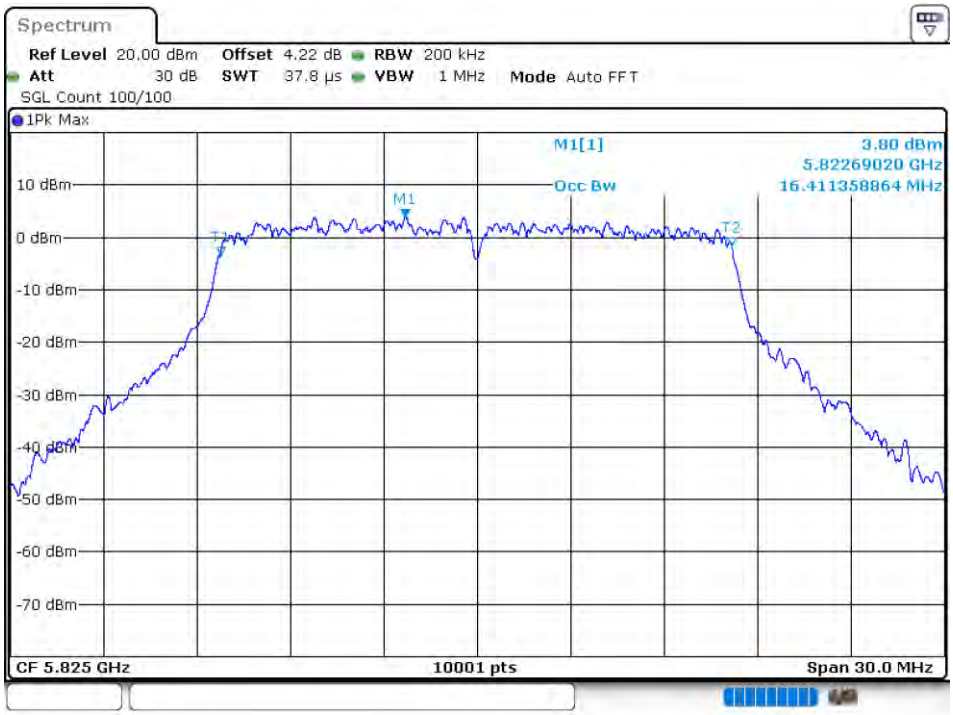
OBW NVNT a 5745MHz Ant1



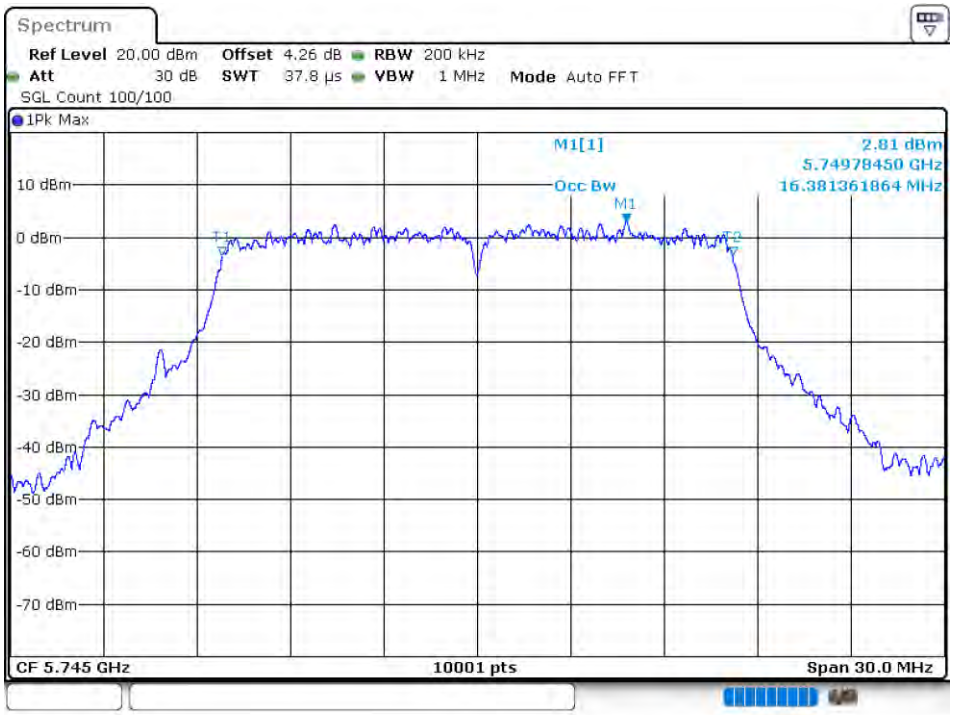
OBW NVNT a 5785MHz Ant1



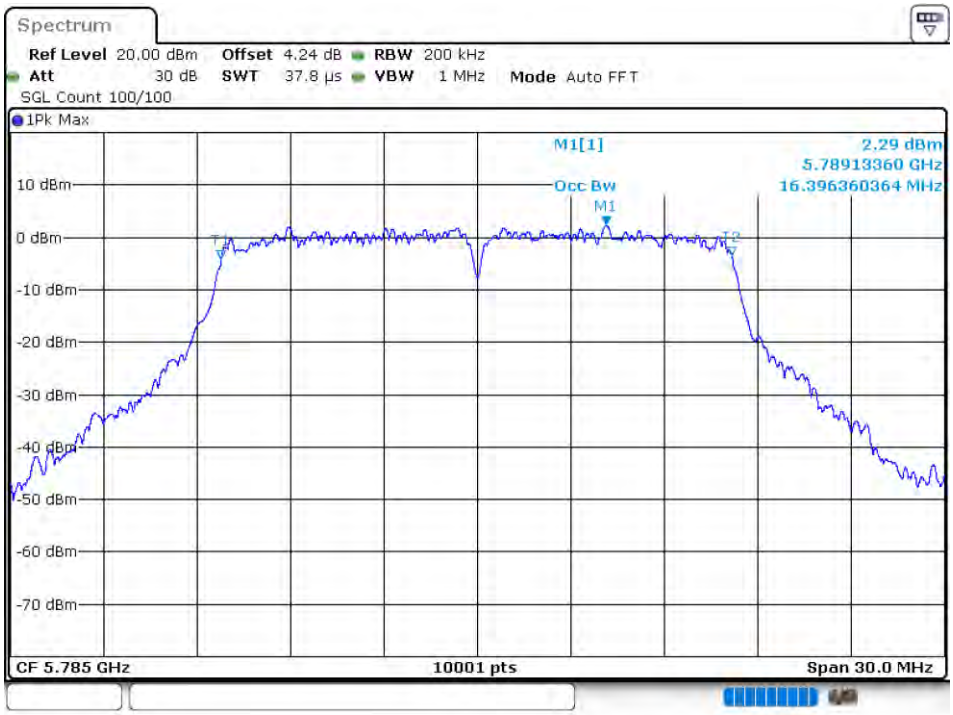
OBW NVNT a 5825MHz Ant1



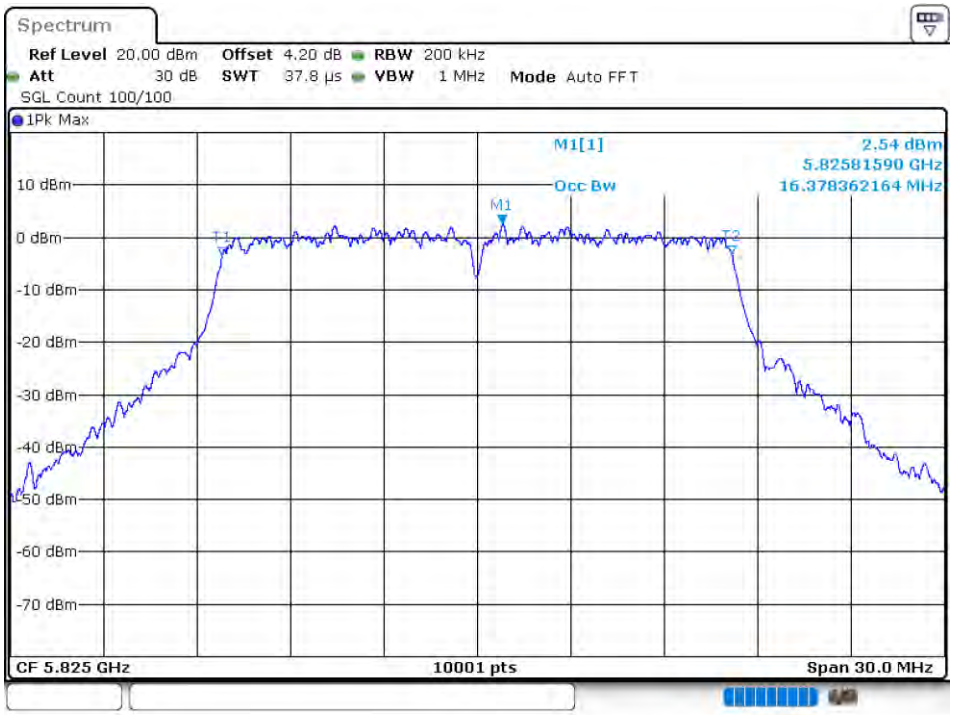
OBW NVNT a 5745MHz Ant2



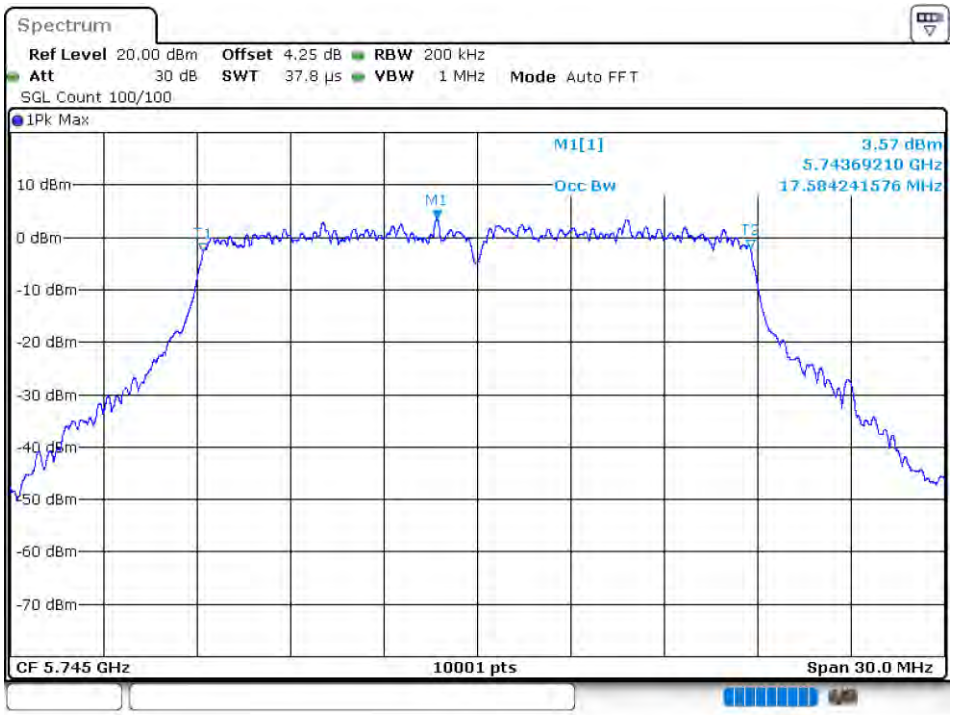
OBW NVNT a 5785MHz Ant2



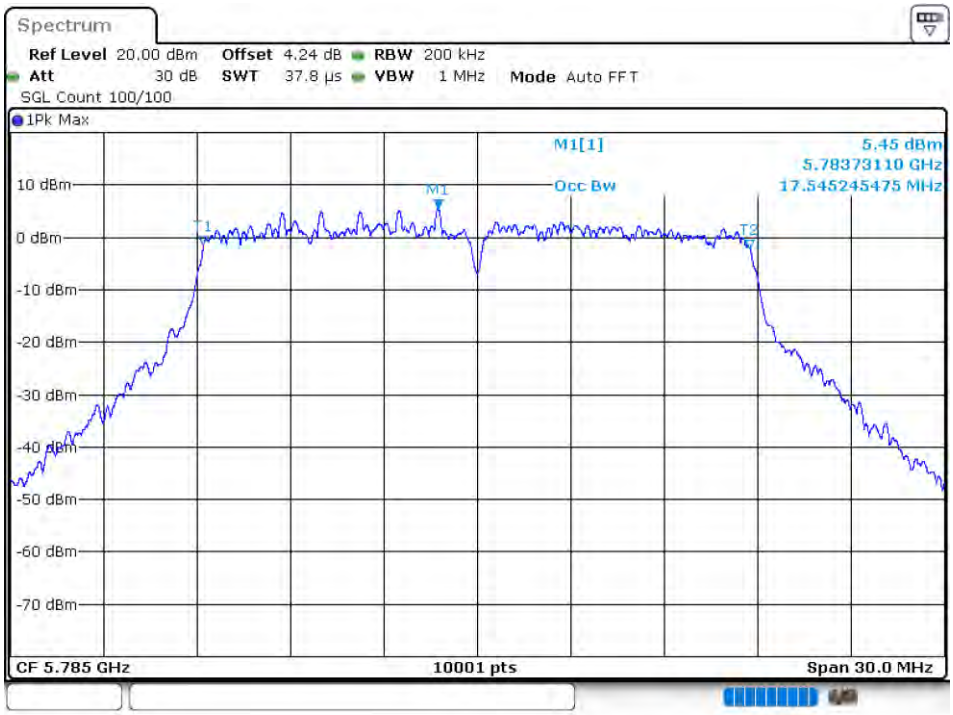
OBW NVNT a 5825MHz Ant2



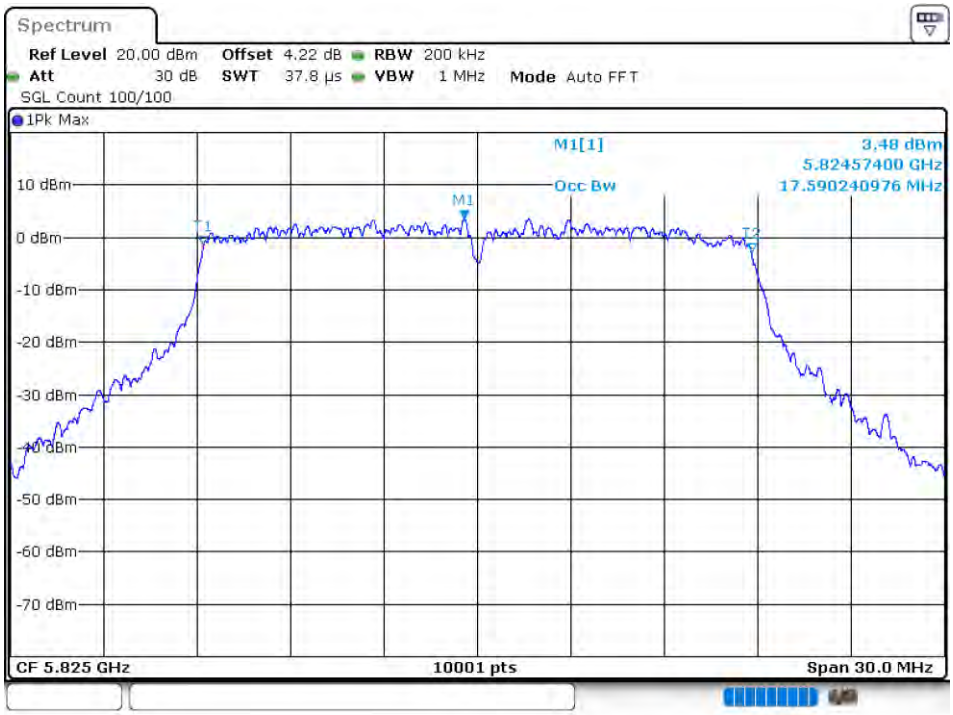
OBW NVNT n20 5745MHz Ant1



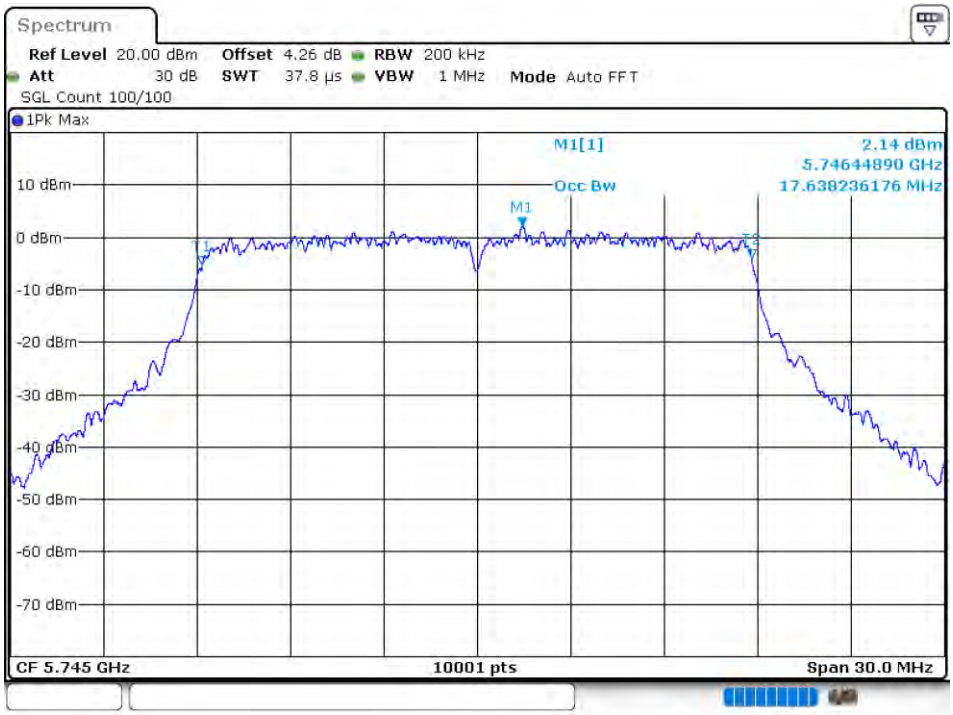
OBW NVNT n20 5785MHz Ant1



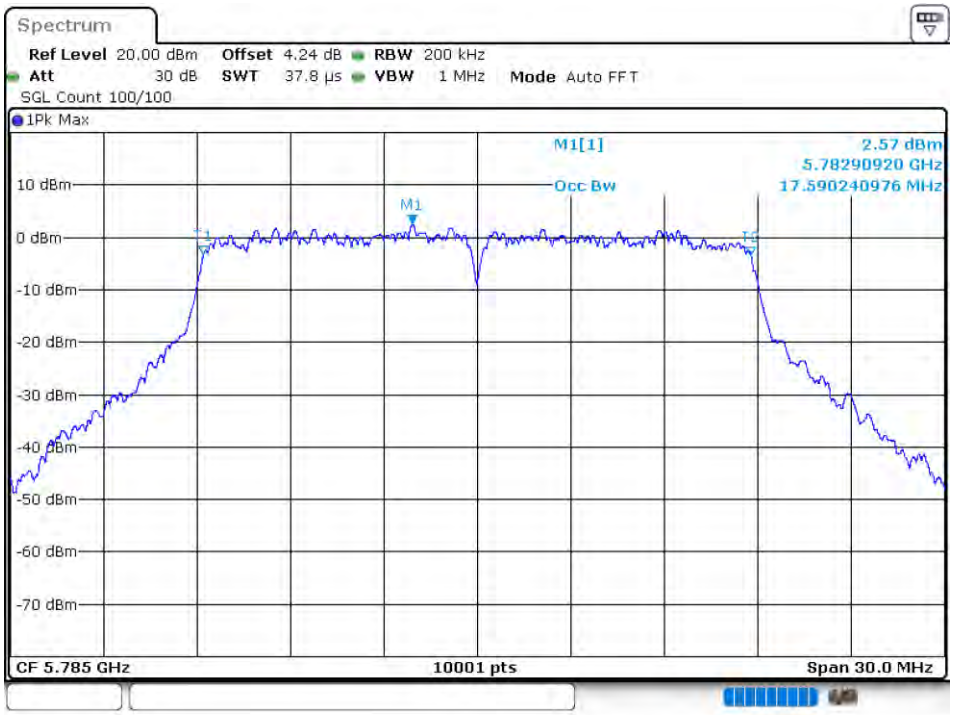
OBW NVNT n20 5825MHz Ant1



OBW NVNT n20 5745MHz Ant2



OBW NVNT n20 5785MHz Ant2



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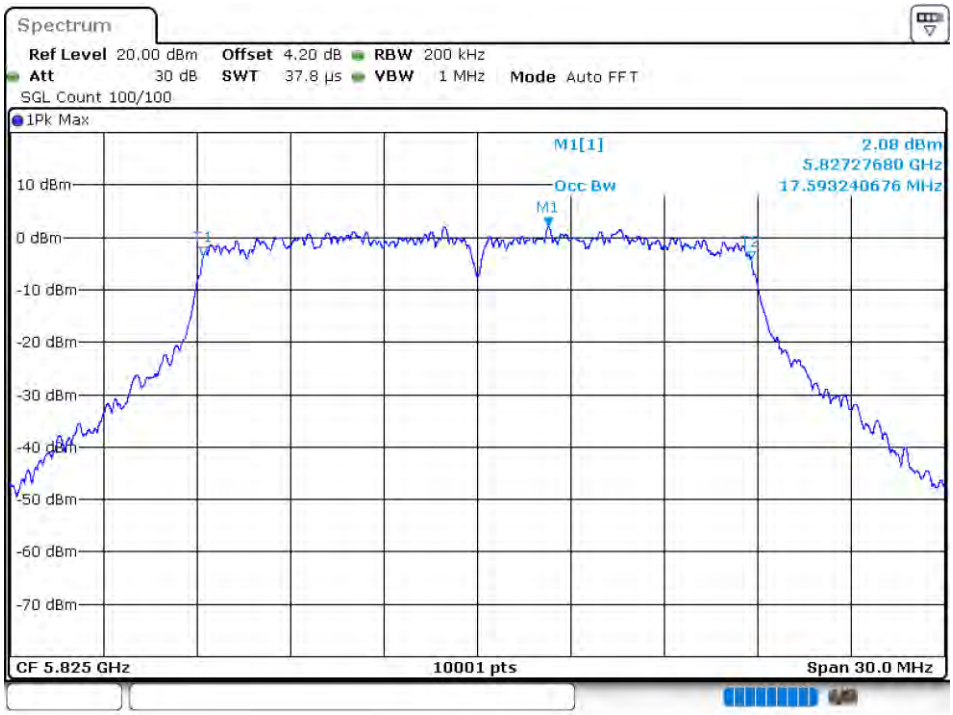
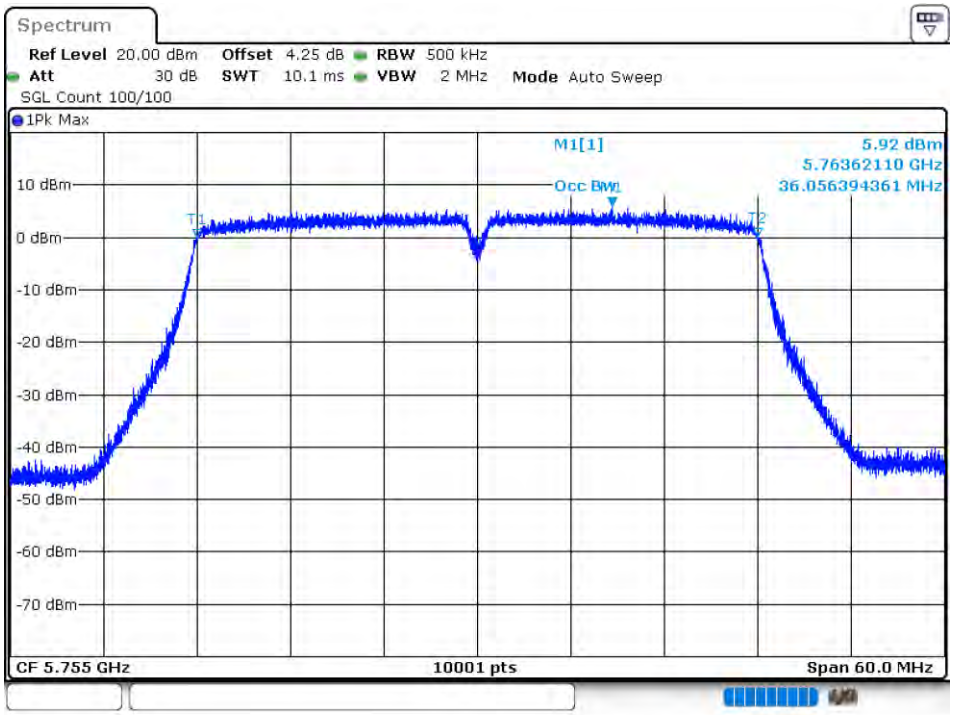
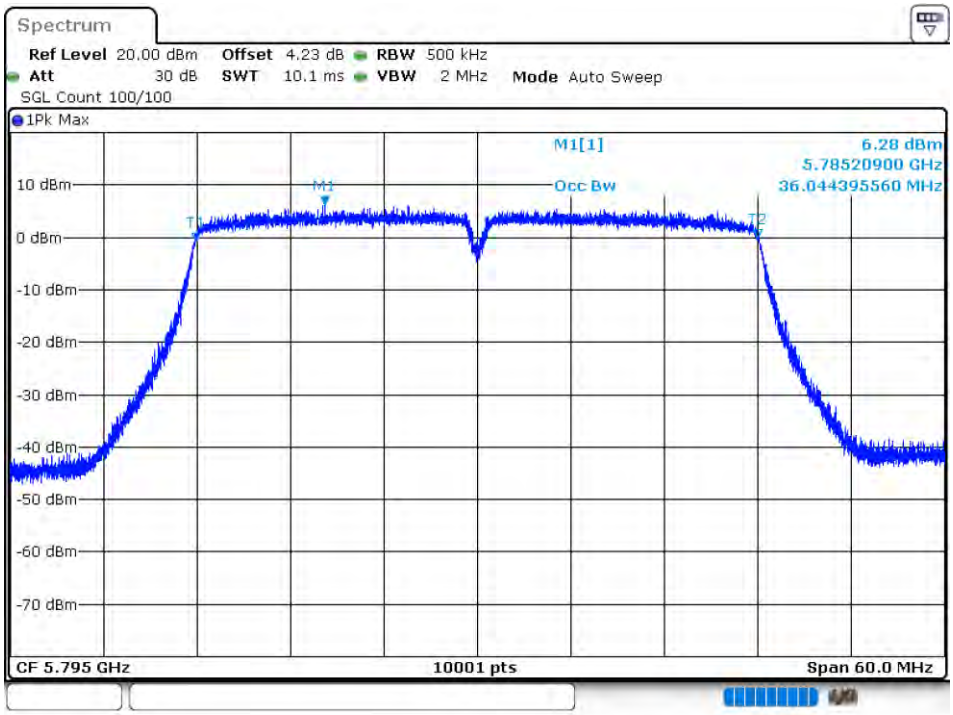


OBW NVNT n40 5755MHz Ant1



OBW NVNT n40 5795MHz Ant1



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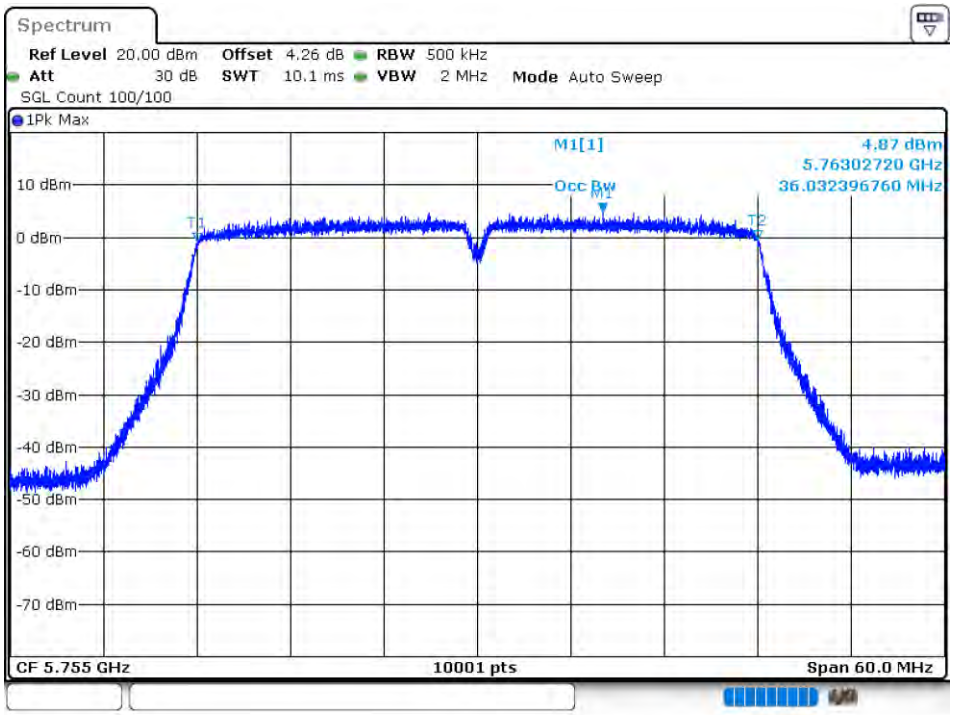
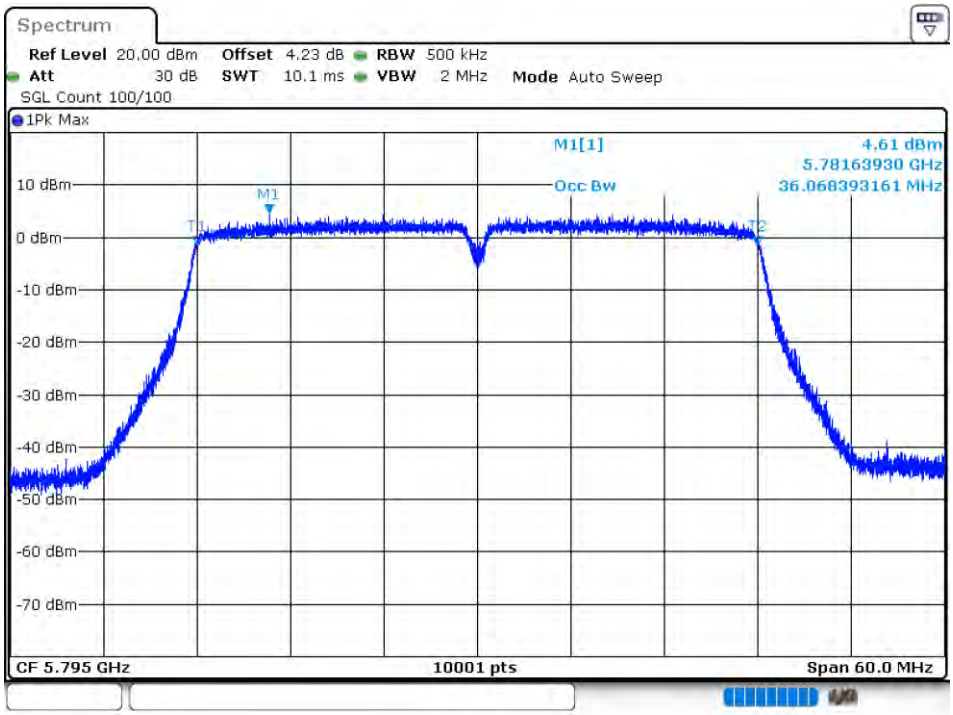
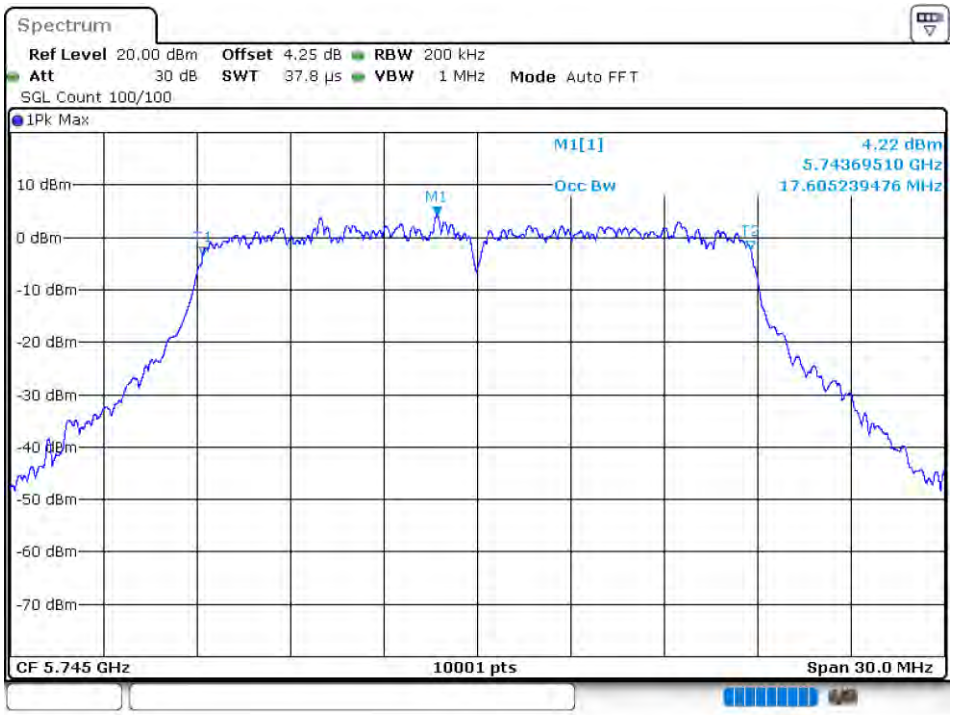


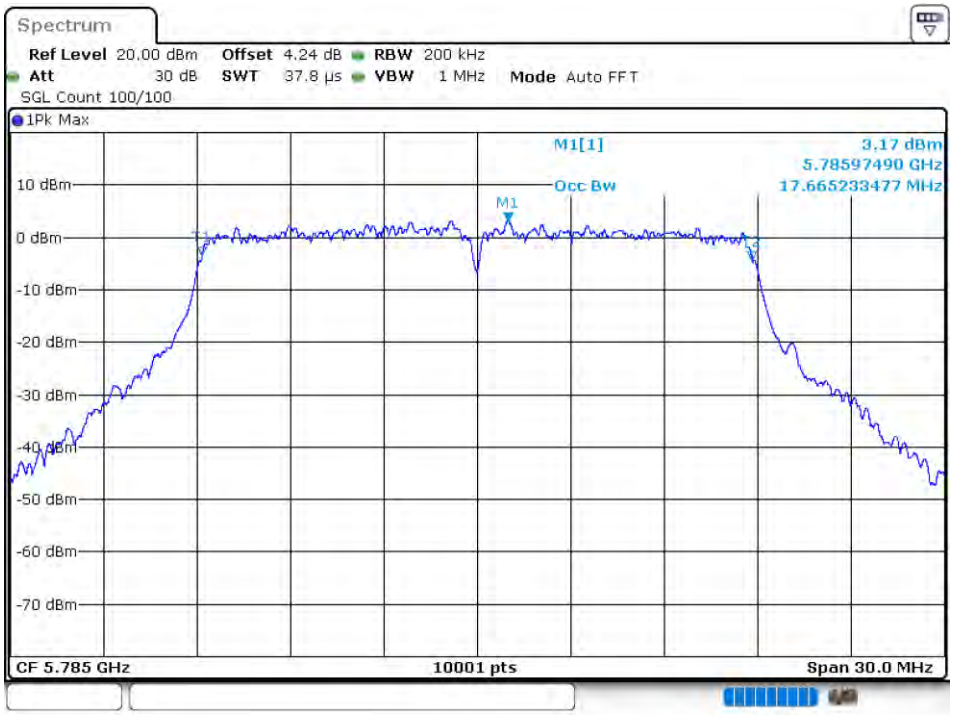
OBW NVNT n40 5795MHz Ant2



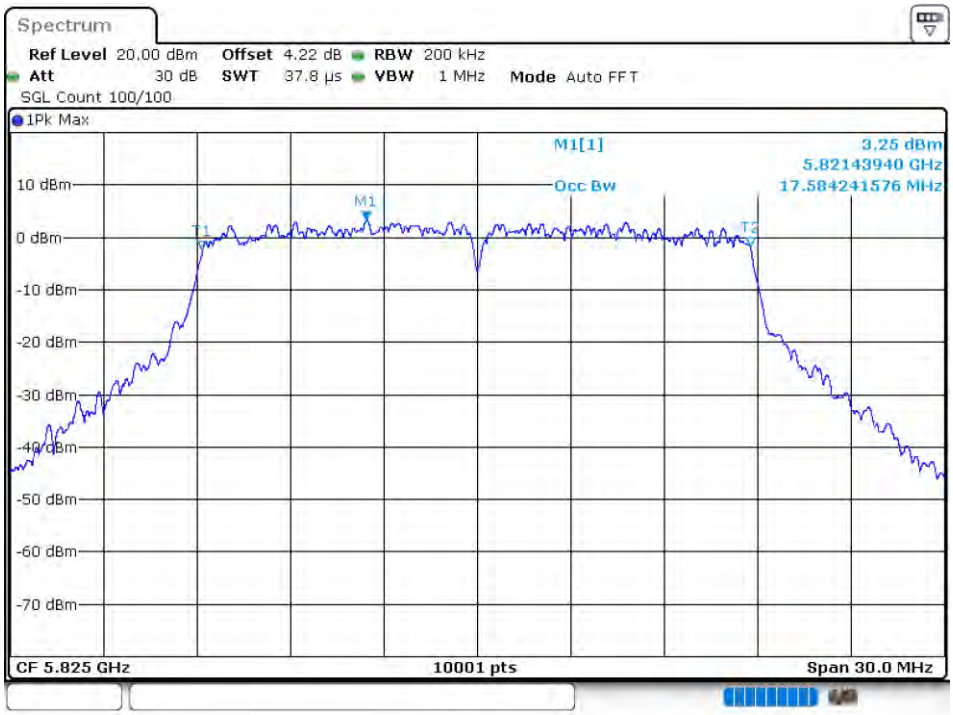
OBW NVNT ac20 5745MHz Ant1



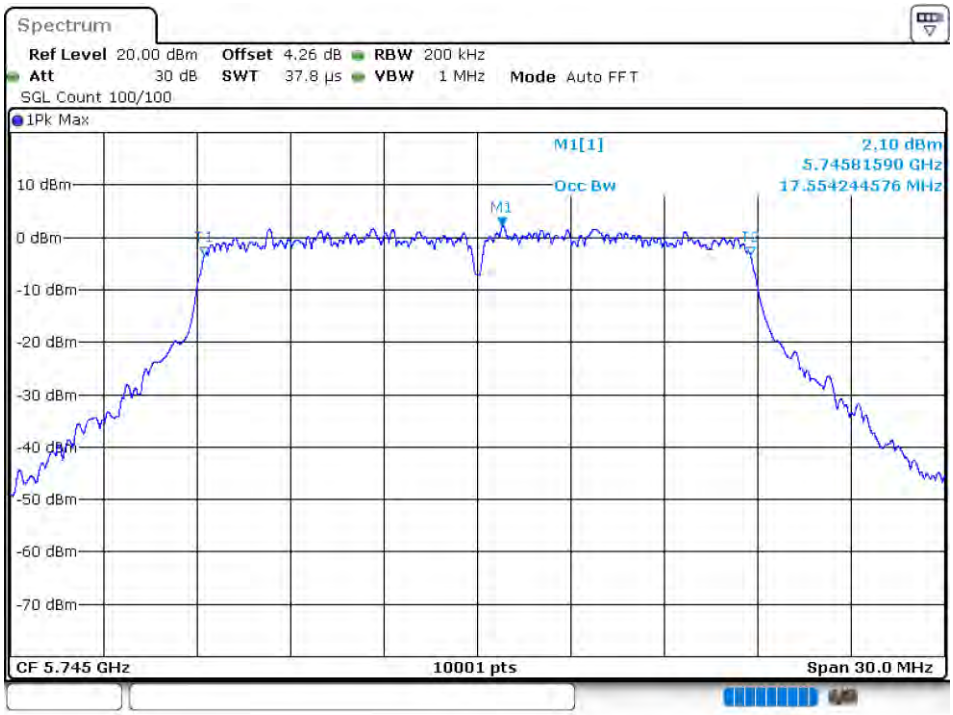
OBW NVNT ac20 5785MHz Ant1



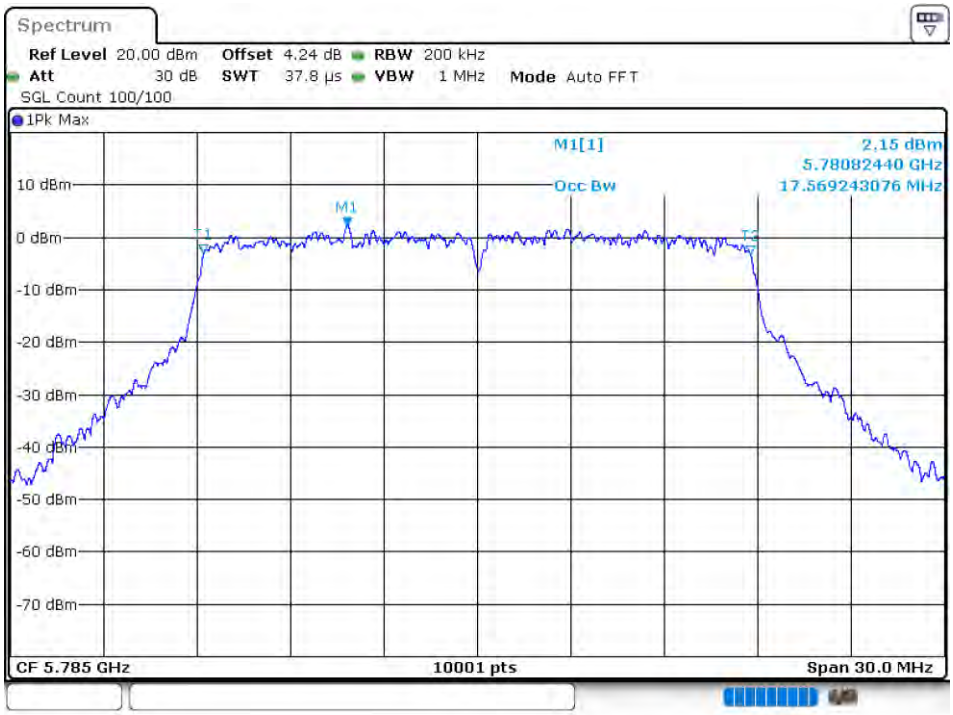
OBW NVNT ac20 5825MHz Ant1



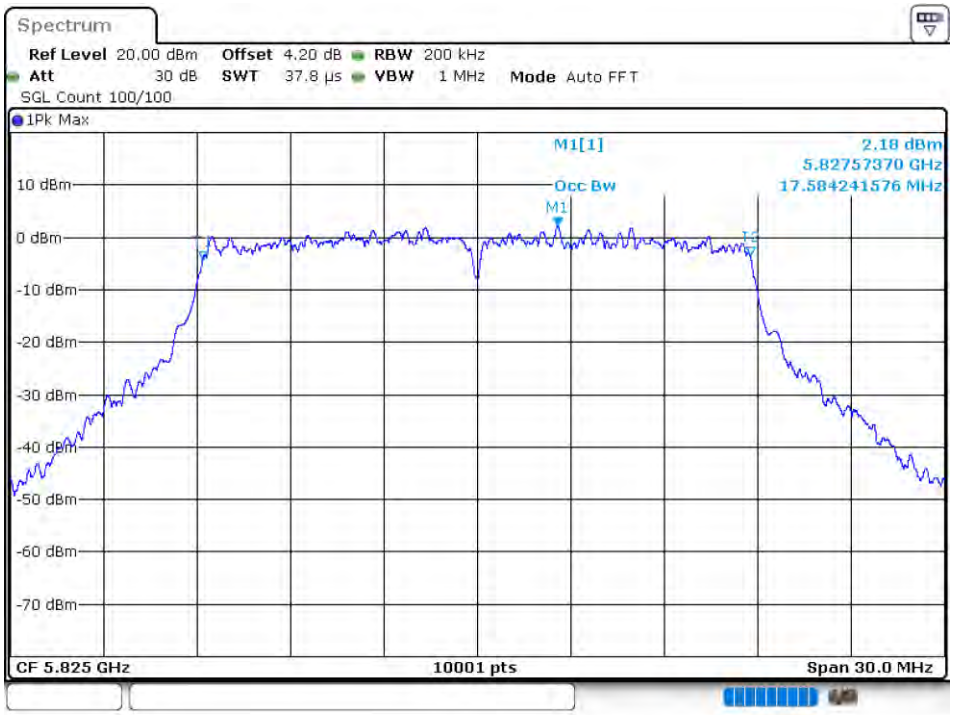
OBW NVNT ac20 5745MHz Ant2



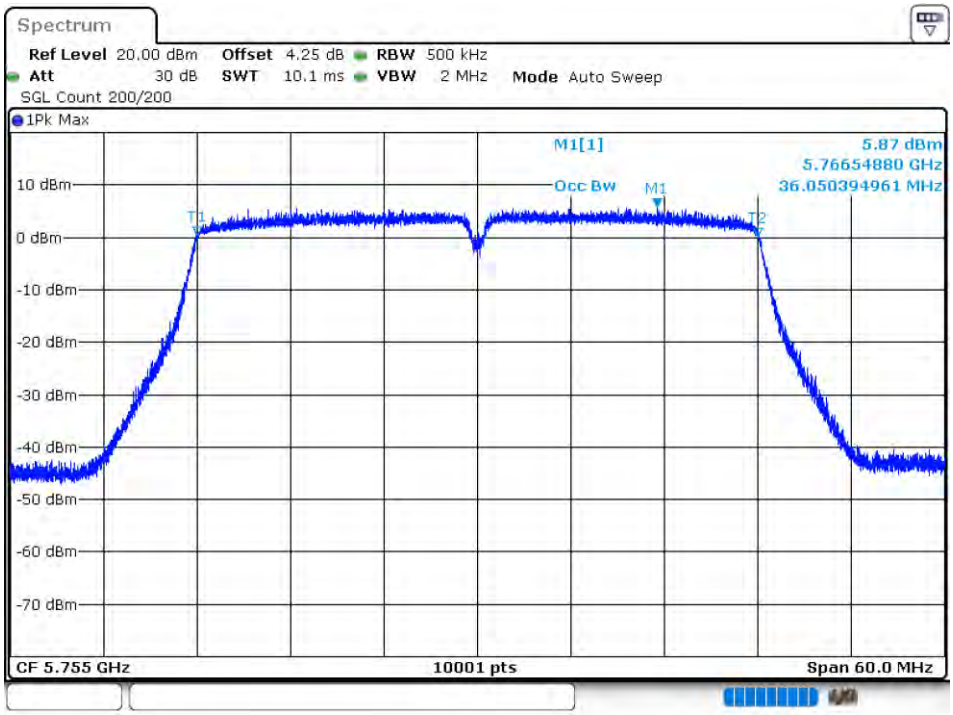
OBW NVNT ac20 5785MHz Ant2



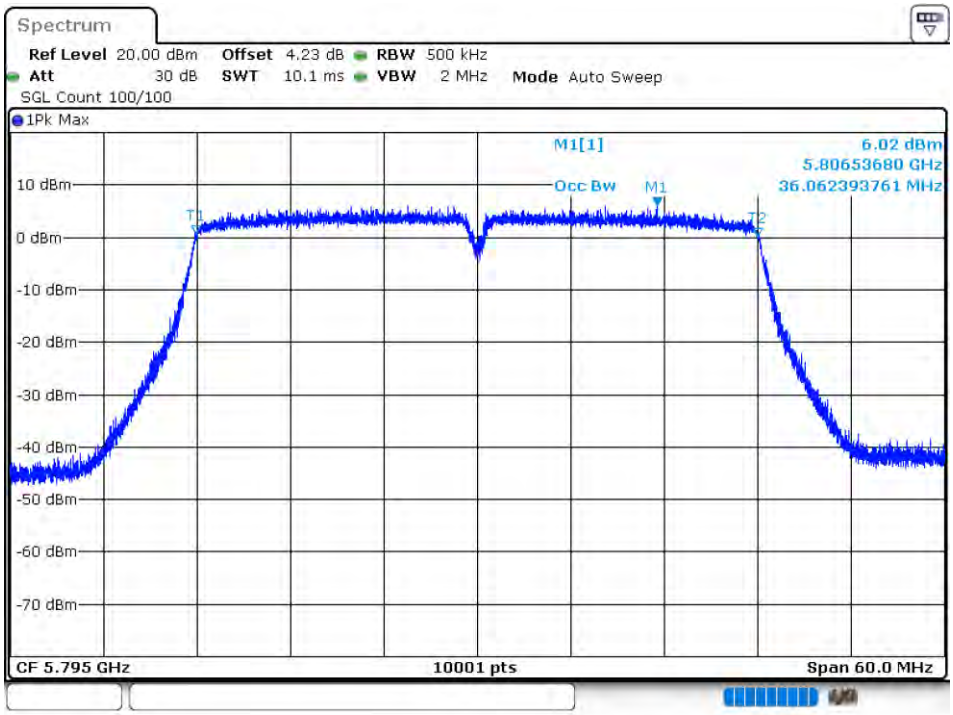
OBW NVNT ac20 5825MHz Ant2



OBW NVNT ac40 5755MHz Ant1



OBW NVNT ac40 5795MHz Ant1



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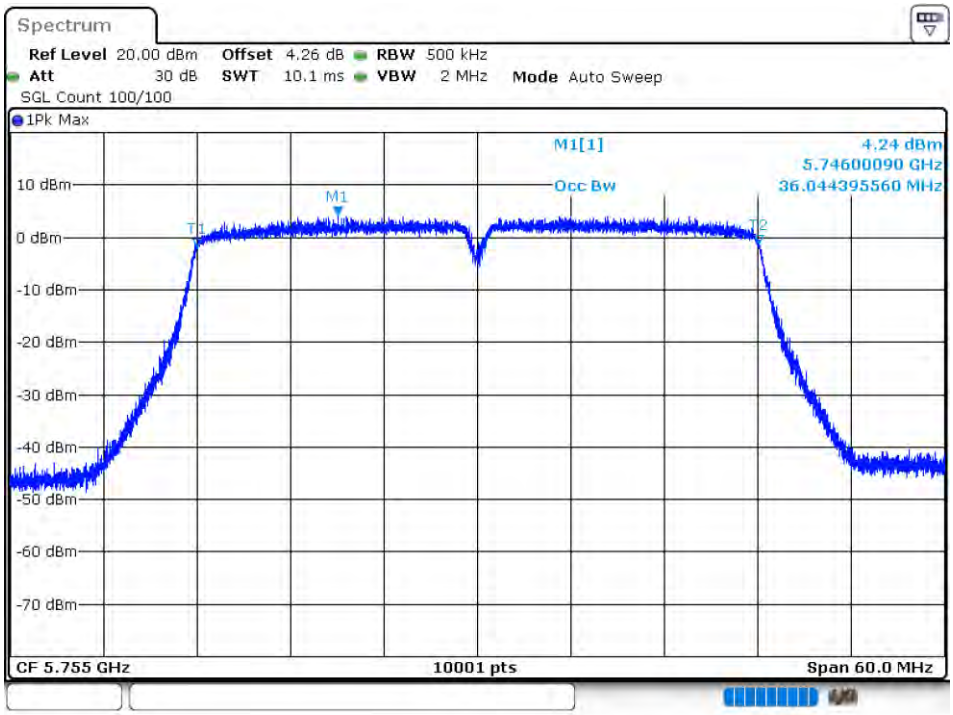
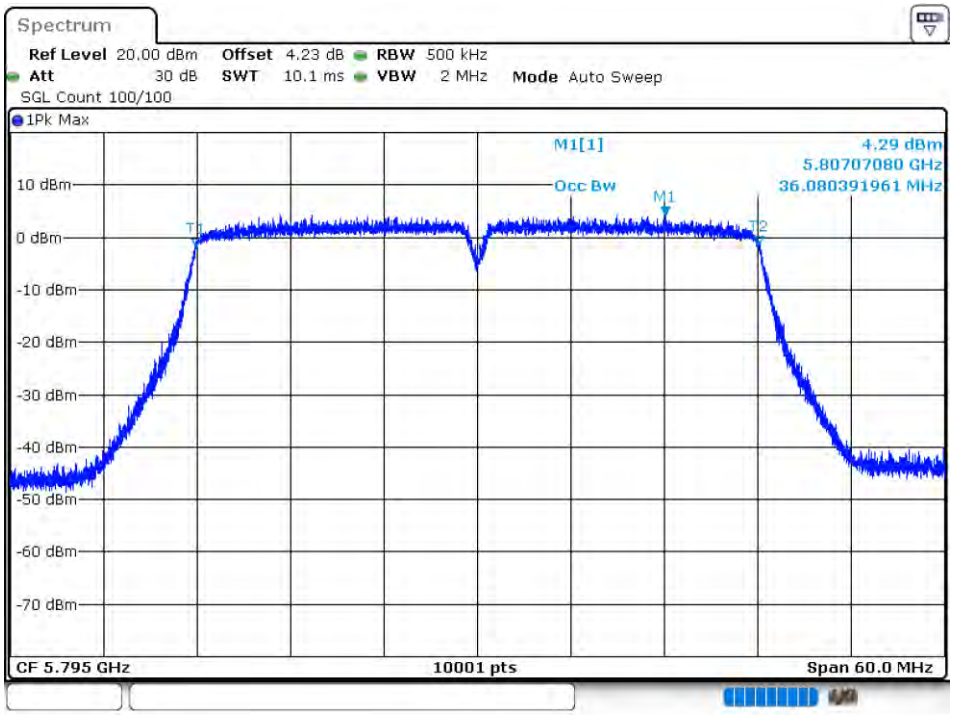
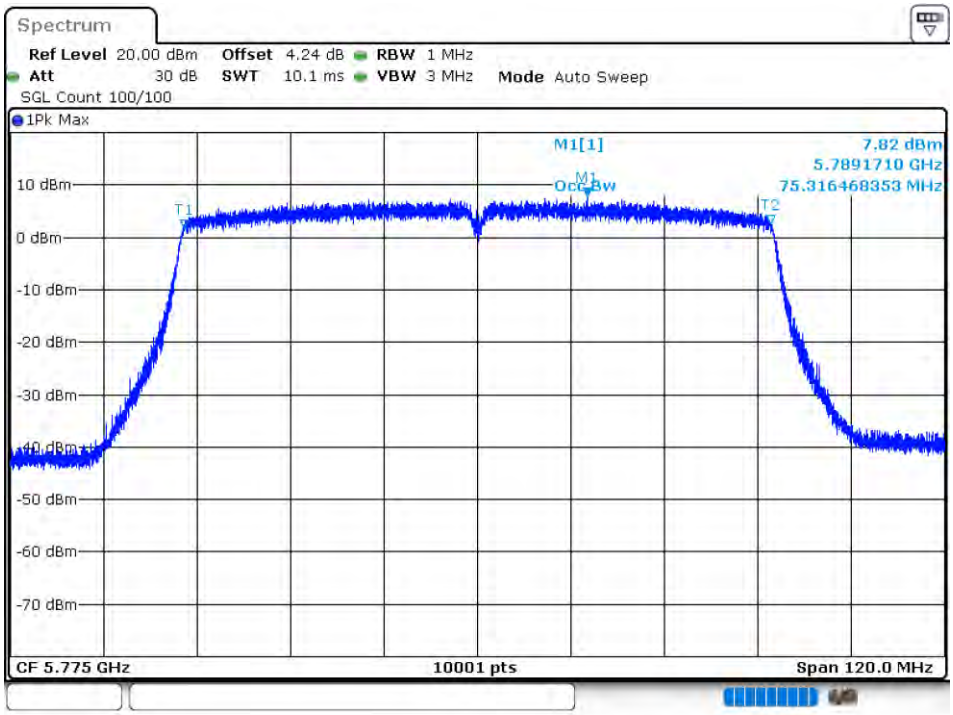


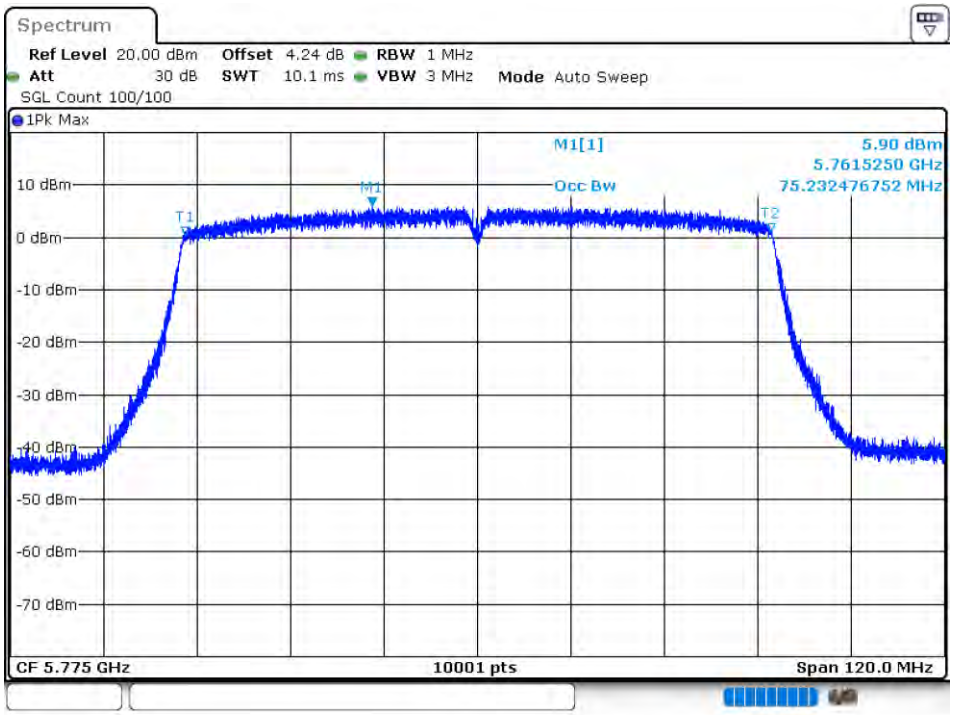
OBW NVNT ac40 5795MHz Ant2



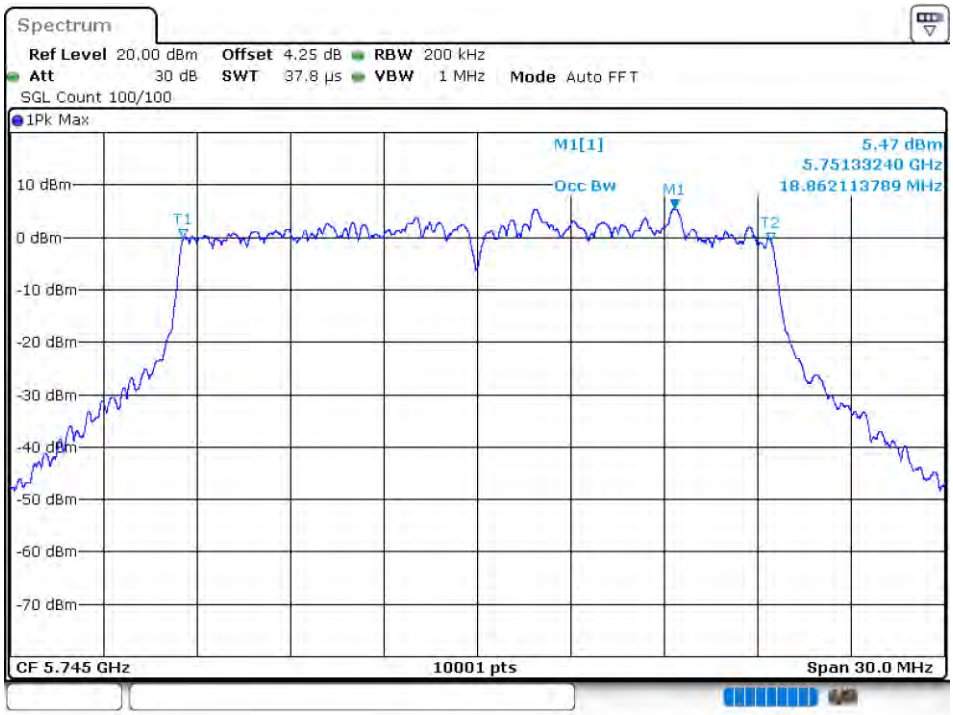
OBW NVNT ac80 5775MHz Ant1



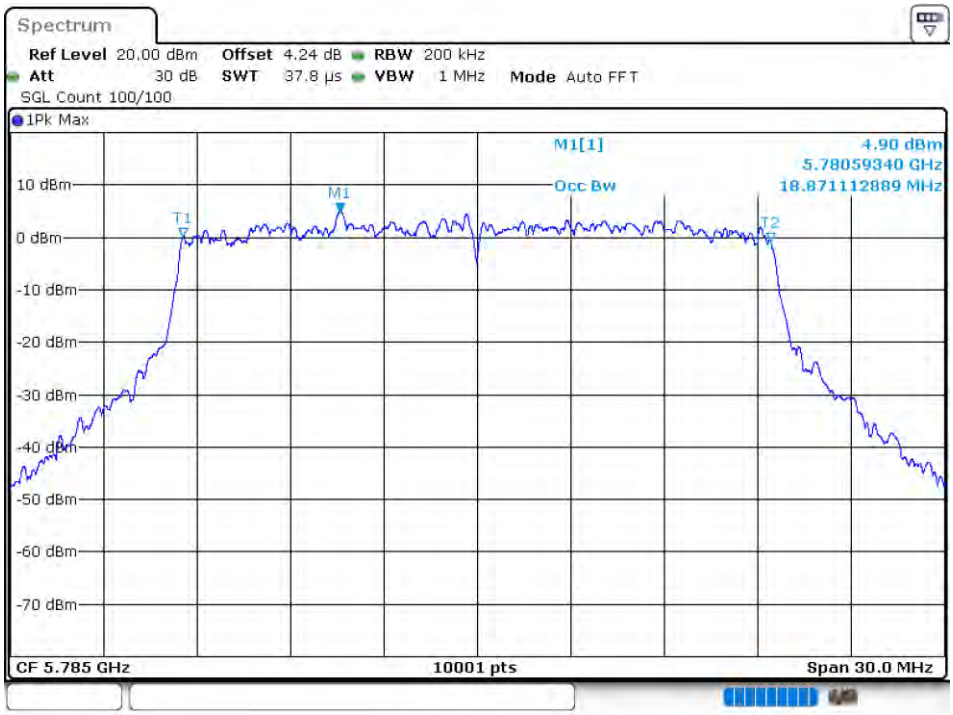
OBW NVNT ac80 5775MHz Ant2



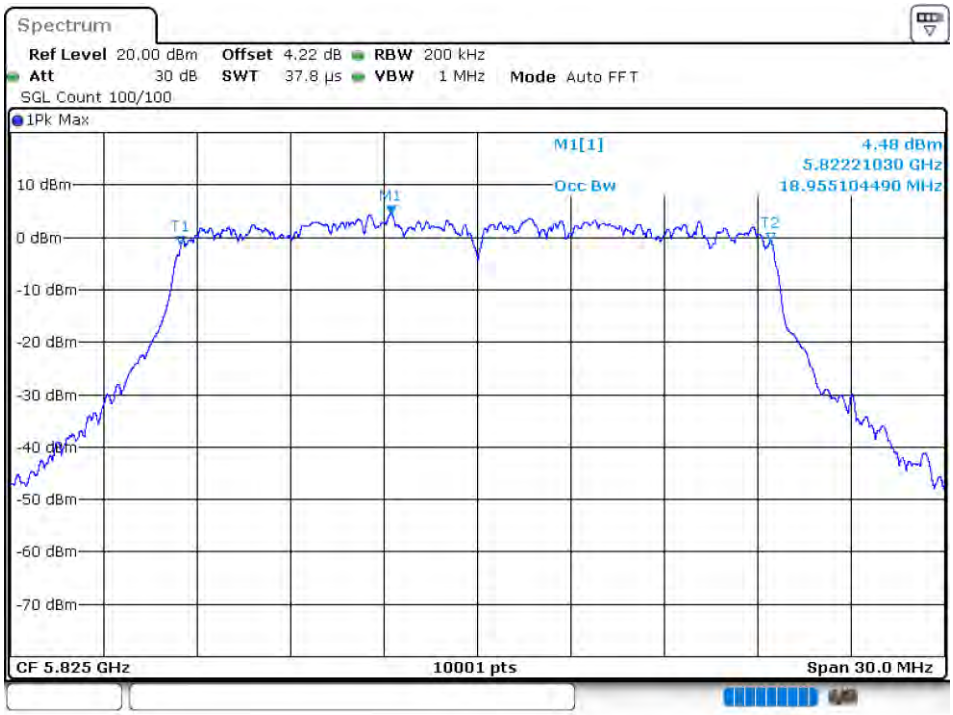
OBW NVNT ax20 5745MHz Ant1



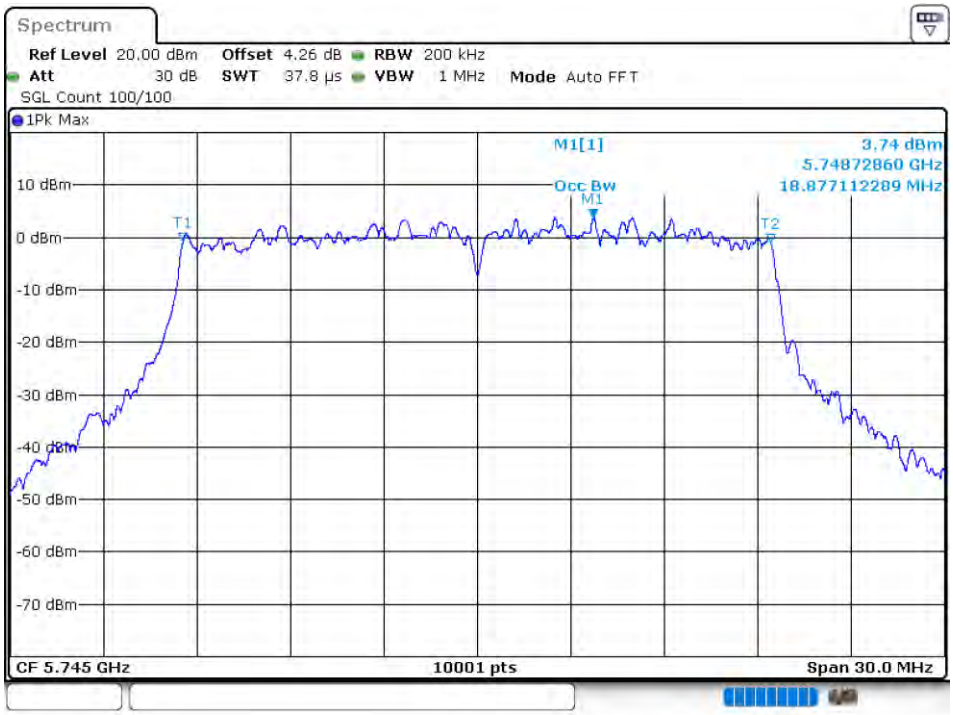
OBW NVNT ax20 5785MHz Ant1



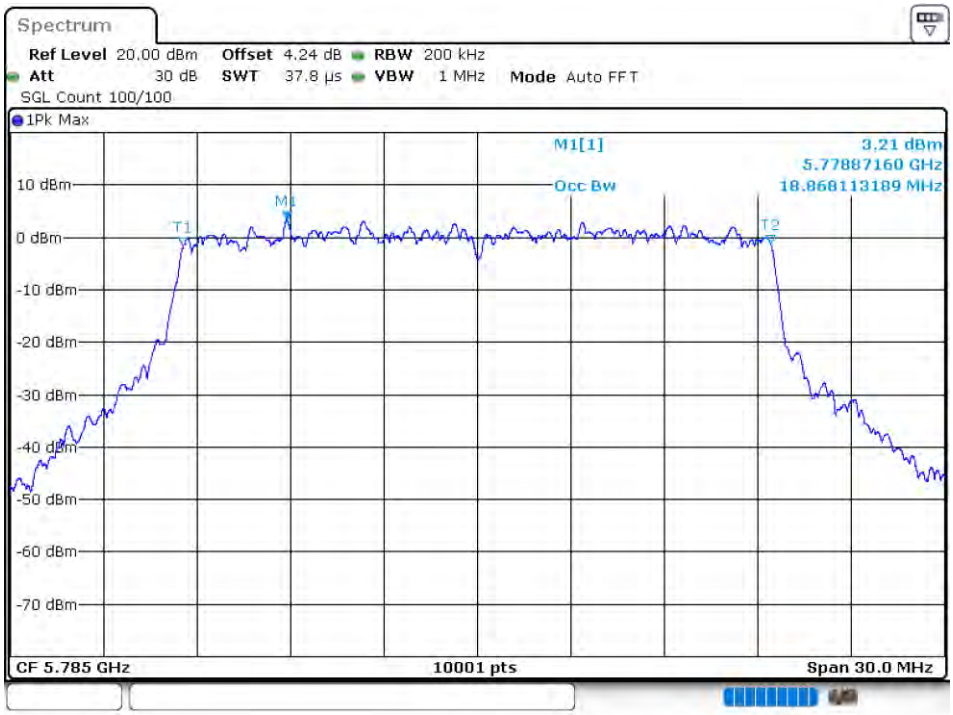
OBW NVNT ax20 5825MHz Ant1



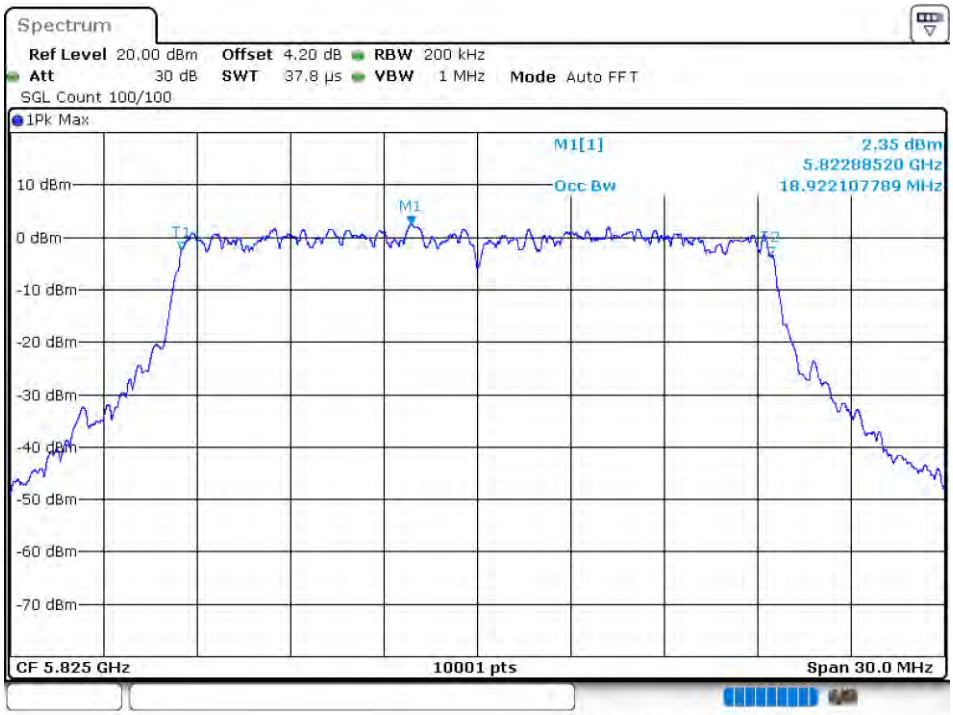
OBW NVNT ax20 5745MHz Ant2



OBW NVNT ax20 5785MHz Ant2



OBW NVNT ax20 5825MHz Ant2



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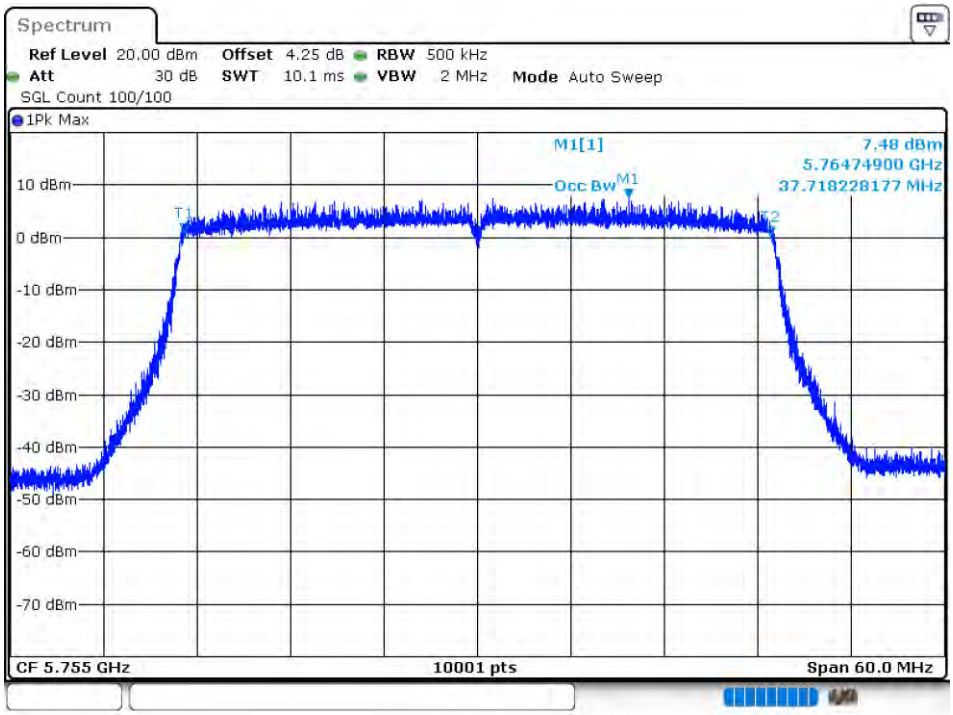

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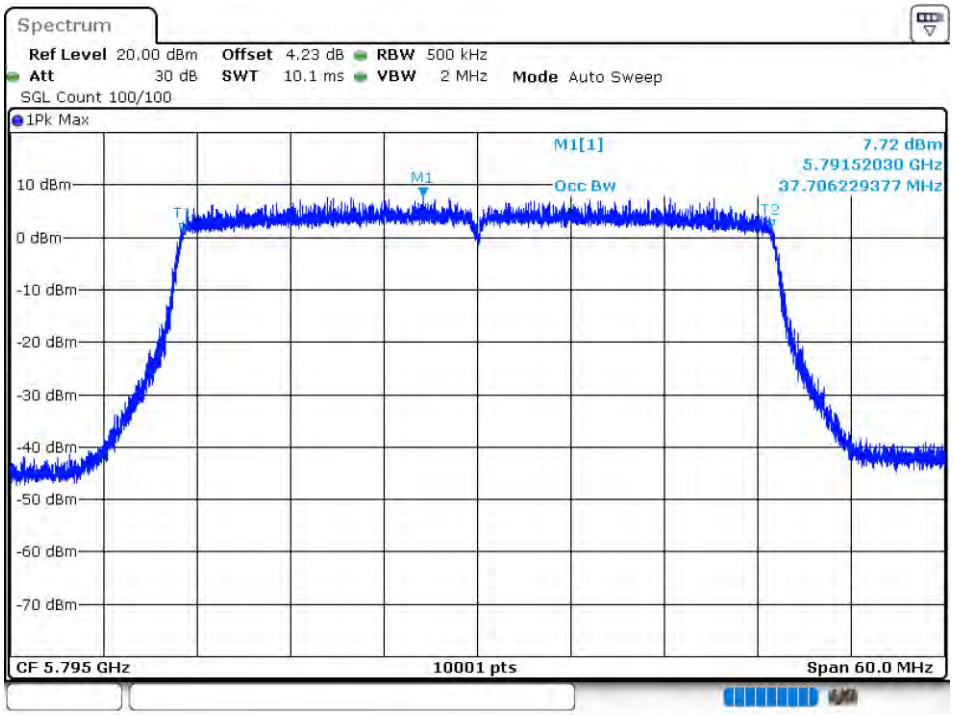

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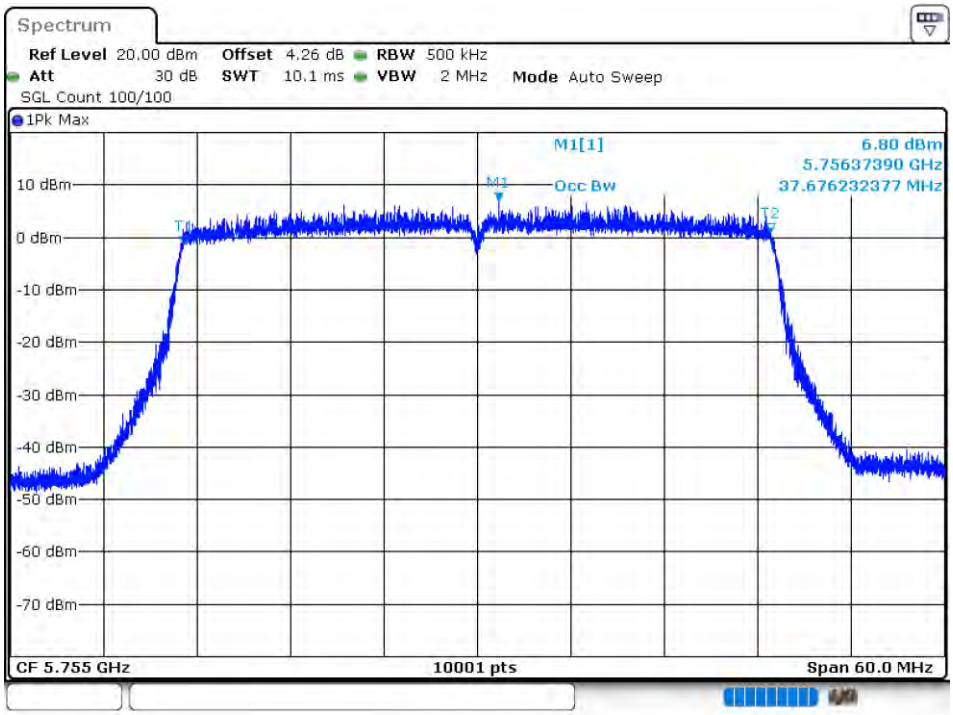
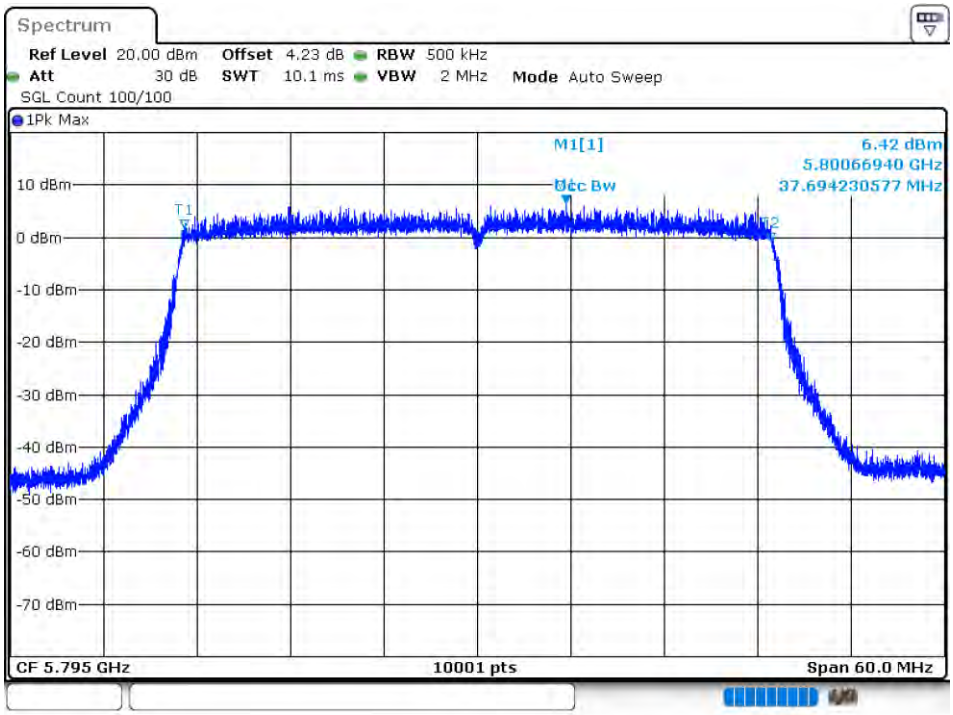
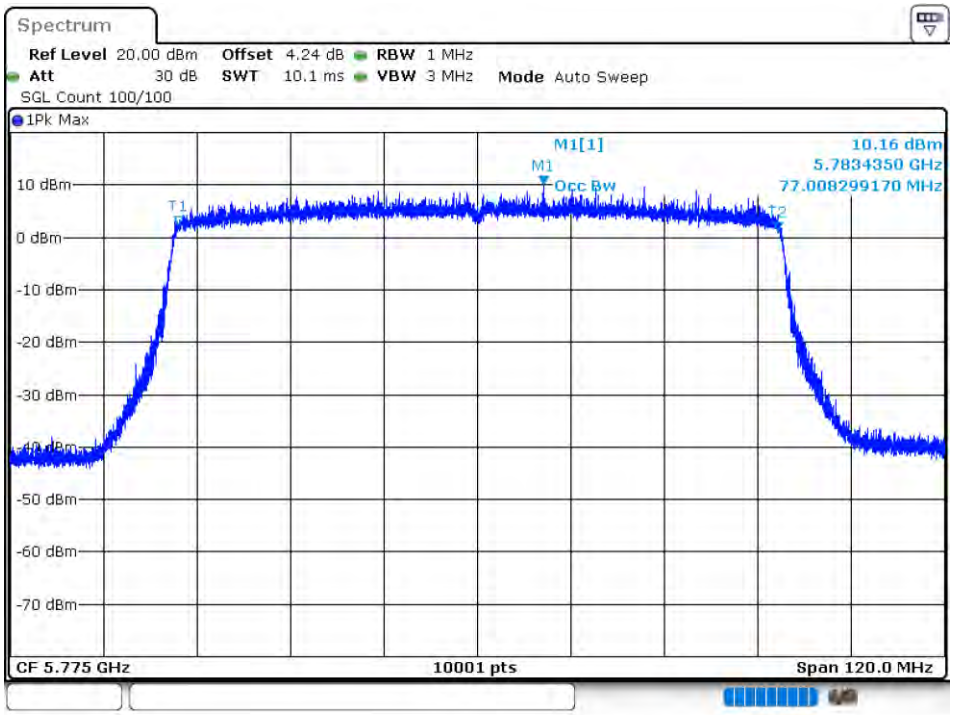


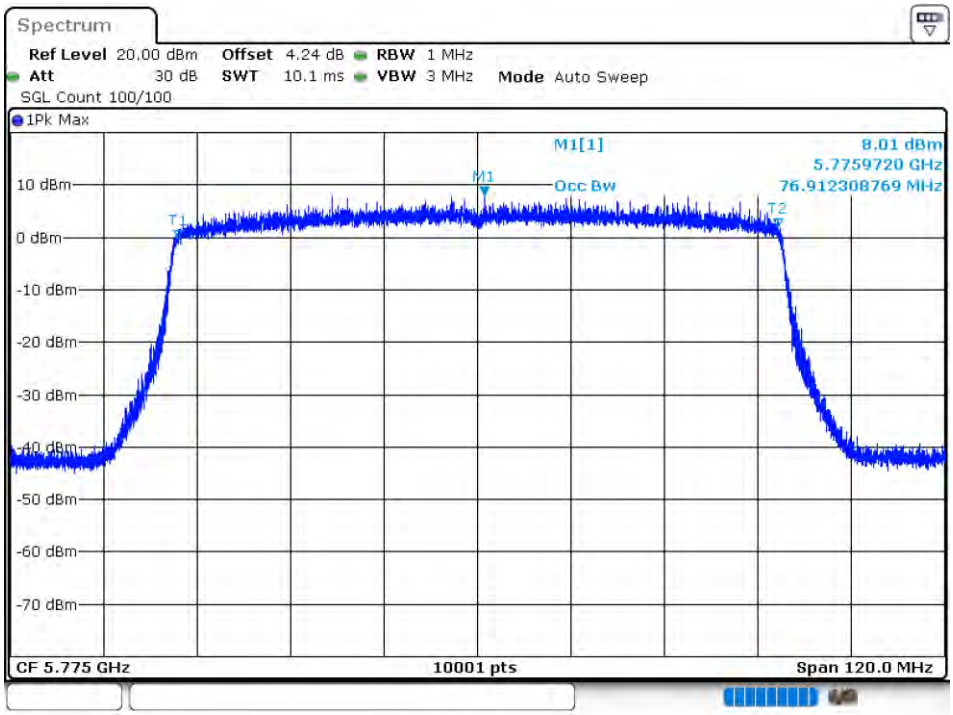
OBW NVNT ax40 5795MHz Ant2



OBW NVNT ax80 5775MHz Ant1



OBW NVNT ax80 5775MHz Ant2

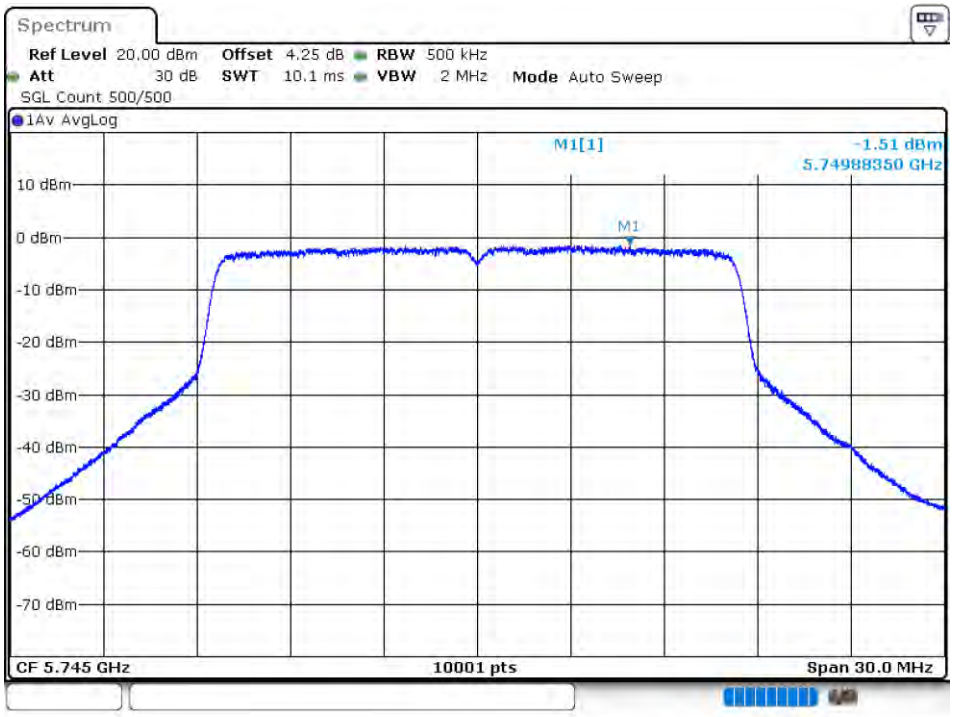


Maximum Power Spectral Density Level

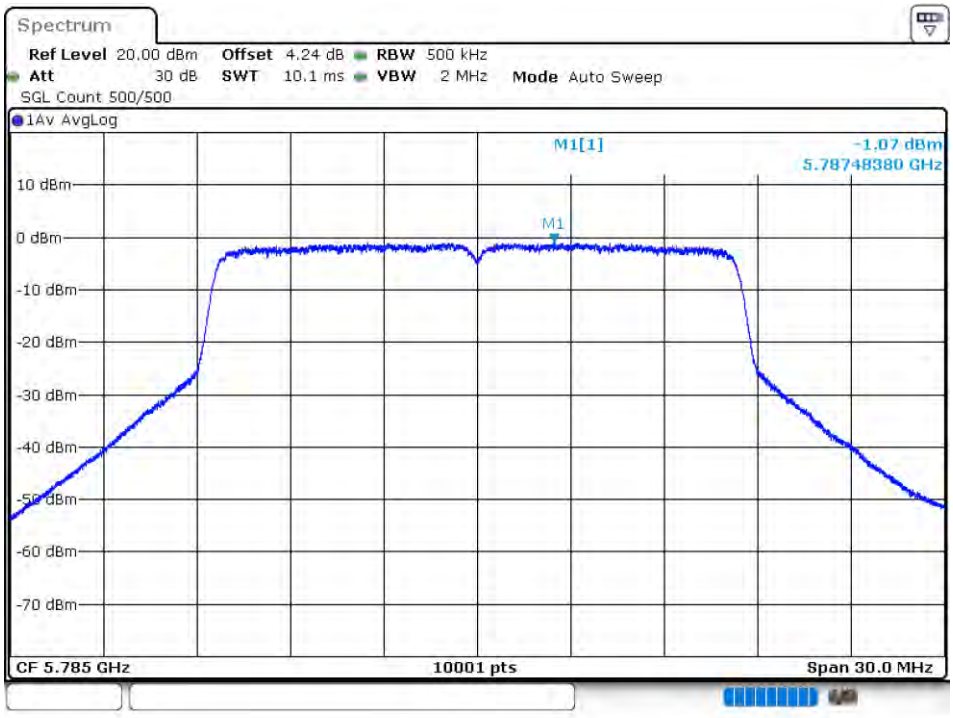
Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant1	-1.51	0.02	-1.49	30	Pass
NVNT	a	5785	Ant1	-1.07	0.02	-1.05	30	Pass
NVNT	a	5825	Ant1	-0.71	0.02	-0.69	30	Pass
NVNT	a	5745	Ant2	-1.36	0.01	-1.35	30	Pass
NVNT	a	5785	Ant2	-1.71	0.02	-1.69	30	Pass
NVNT	a	5825	Ant2	-1.88	0.02	-1.86	30	Pass
NVNT	n20	5745	Ant1	-2.13	0.01	-2.12	30	Pass
NVNT	n20	5785	Ant1	-1.52	0.01	-1.51	30	Pass
NVNT	n20	5825	Ant1	-1.43	0.01	-1.42	30	Pass
NVNT	n20	5745	Ant2	-2.08	0.01	-2.07	30	Pass
NVNT	n20	5785	Ant2	-1.89	0.01	-1.88	30	Pass
NVNT	n20	5825	Ant2	-2.04	0.01	-2.03	30	Pass
NVNT	n40	5755	Ant1	-4.36	0.01	-4.35	30	Pass
NVNT	n40	5795	Ant1	-4.2	0.01	-4.19	30	Pass
NVNT	n40	5755	Ant2	-4.49	0	-4.49	30	Pass
NVNT	n40	5795	Ant2	-4.93	0.01	-4.92	30	Pass
NVNT	ac20	5745	Ant1	-1.95	0.01	-1.94	30	Pass
NVNT	ac20	5785	Ant1	-1.5	0.01	-1.49	30	Pass
NVNT	ac20	5825	Ant1	-1.4	0.01	-1.39	30	Pass
NVNT	ac20	5745	Ant2	-1.95	0.01	-1.94	30	Pass
NVNT	ac20	5785	Ant2	-2.12	0.01	-2.11	30	Pass
NVNT	ac20	5825	Ant2	-2.39	0.01	-2.38	30	Pass
NVNT	ac40	5755	Ant1	-4.31	0.01	-4.3	30	Pass
NVNT	ac40	5795	Ant1	-4	0.01	-3.99	30	Pass
NVNT	ac40	5755	Ant2	-4.74	0.01	-4.73	30	Pass
NVNT	ac40	5795	Ant2	-5.02	0.01	-5.01	30	Pass
NVNT	ac80	5775	Ant1	-6.42	0.01	-6.41	30	Pass
NVNT	ac80	5775	Ant2	-7.72	0.01	-7.71	30	Pass
NVNT	ax20	5745	Ant1	-2.18	0.01	-2.17	30	Pass
NVNT	ax20	5785	Ant1	-1.64	0.01	-1.63	30	Pass
NVNT	ax20	5825	Ant1	-1.58	0.01	-1.57	30	Pass
NVNT	ax20	5745	Ant2	-2.05	0	-2.05	30	Pass
NVNT	ax20	5785	Ant2	-2.28	0	-2.28	30	Pass
NVNT	ax20	5825	Ant2	-2.6	0.01	-2.59	30	Pass
NVNT	ax40	5755	Ant1	-5	0.01	-4.99	30	Pass
NVNT	ax40	5795	Ant1	-4.67	0.01	-4.66	30	Pass
NVNT	ax40	5755	Ant2	-5.35	0.01	-5.34	30	Pass
NVNT	ax40	5795	Ant2	-5.56	0.01	-5.55	30	Pass
NVNT	ax80	5775	Ant1	-6.9	0.01	-6.89	30	Pass
NVNT	ax80	5775	Ant2	-7.25	0	-7.25	30	Pass

Test Graphs

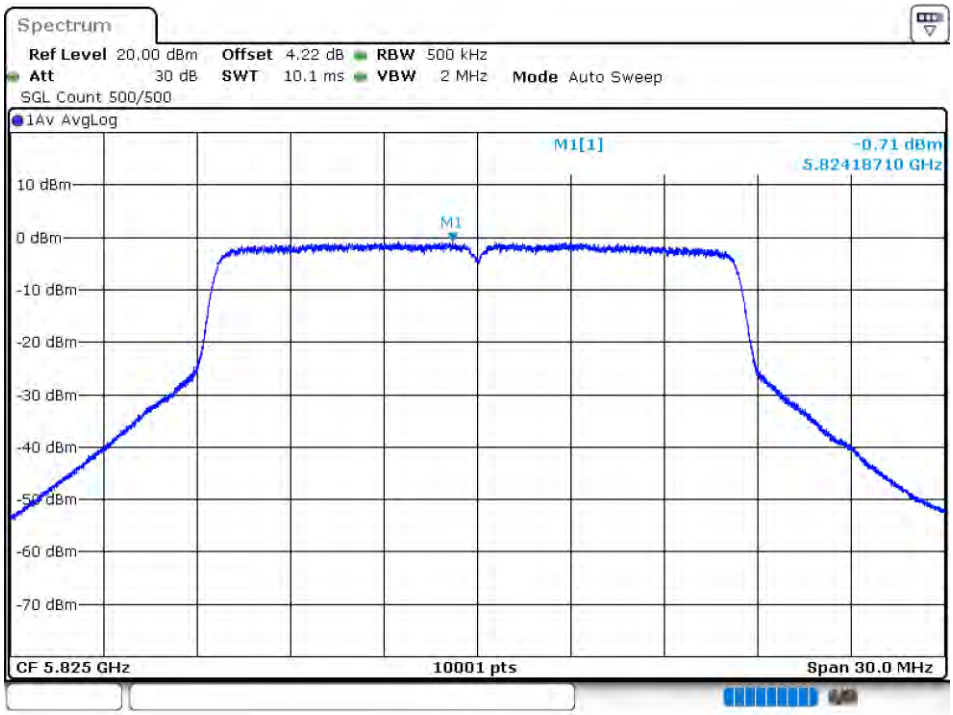
PSD NVNT a 5745MHz Ant1



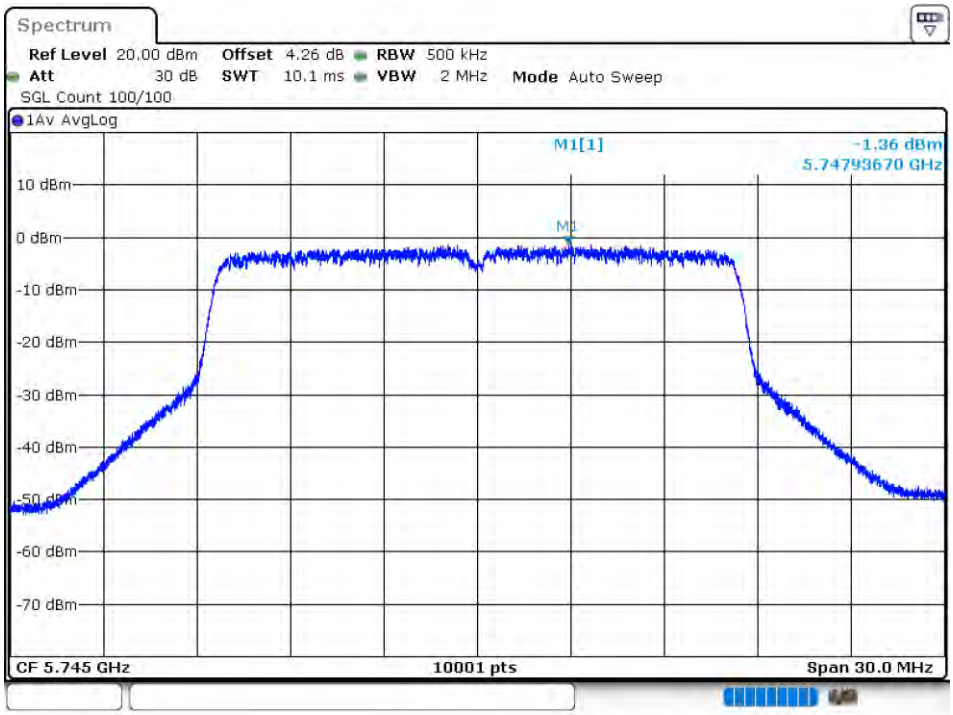
PSD NVNT a 5785MHz Ant1



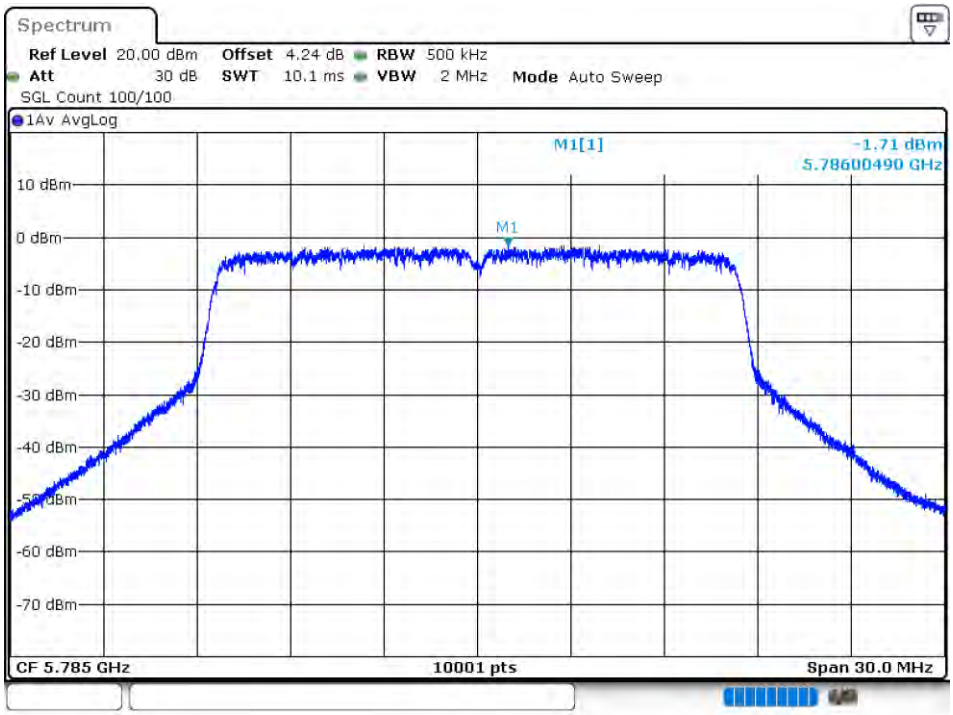
PSD NVNT a 5825MHz Ant1



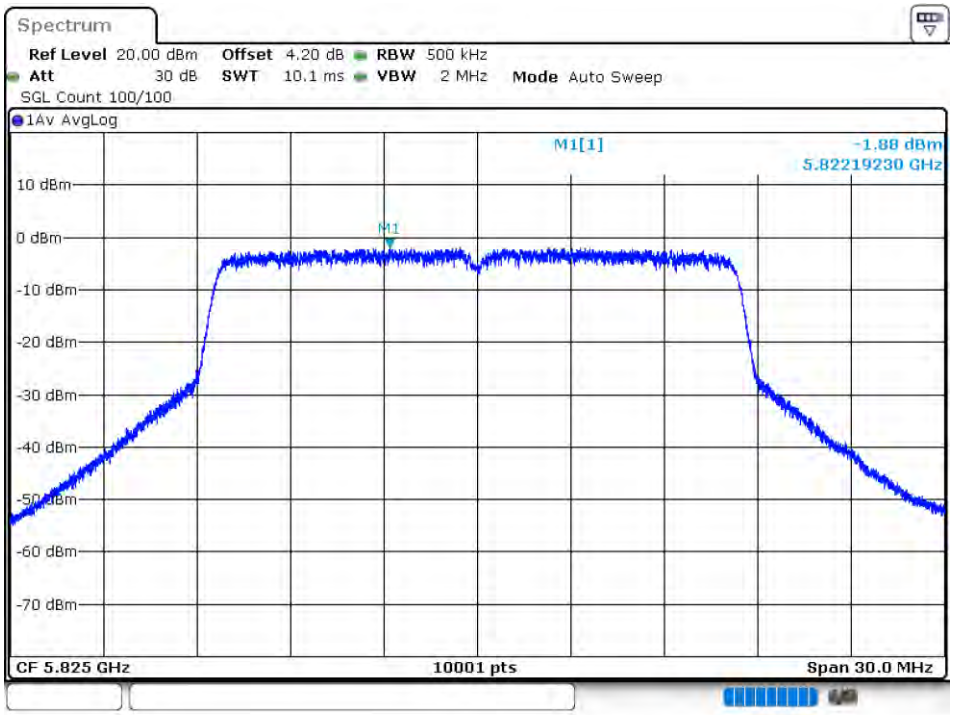
PSD NVNT a 5745MHz Ant2



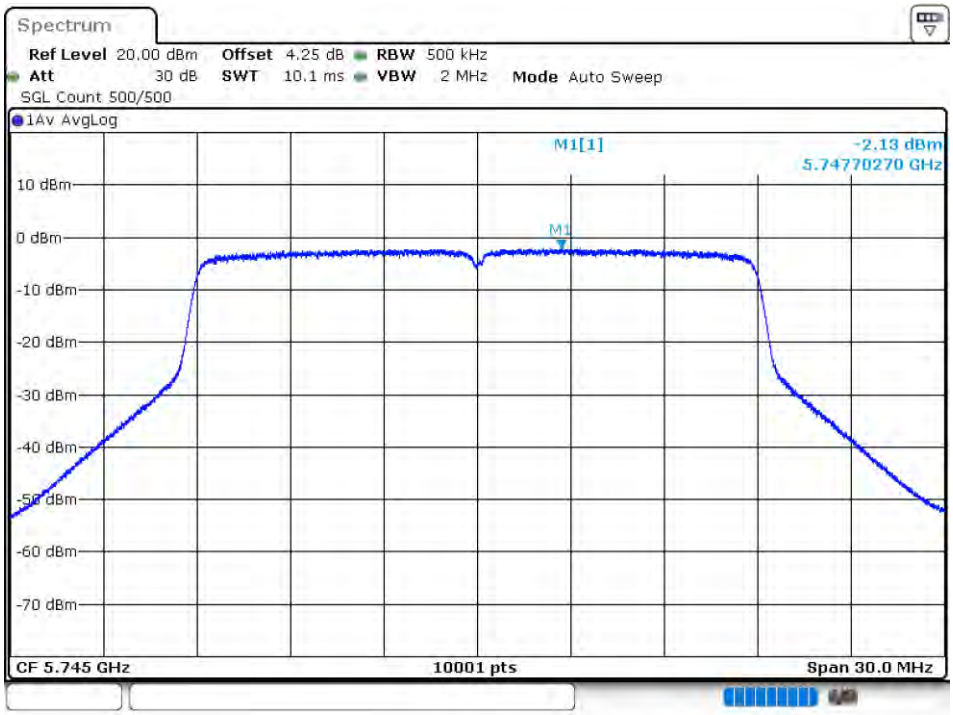
PSD NVNT a 5785MHz Ant2



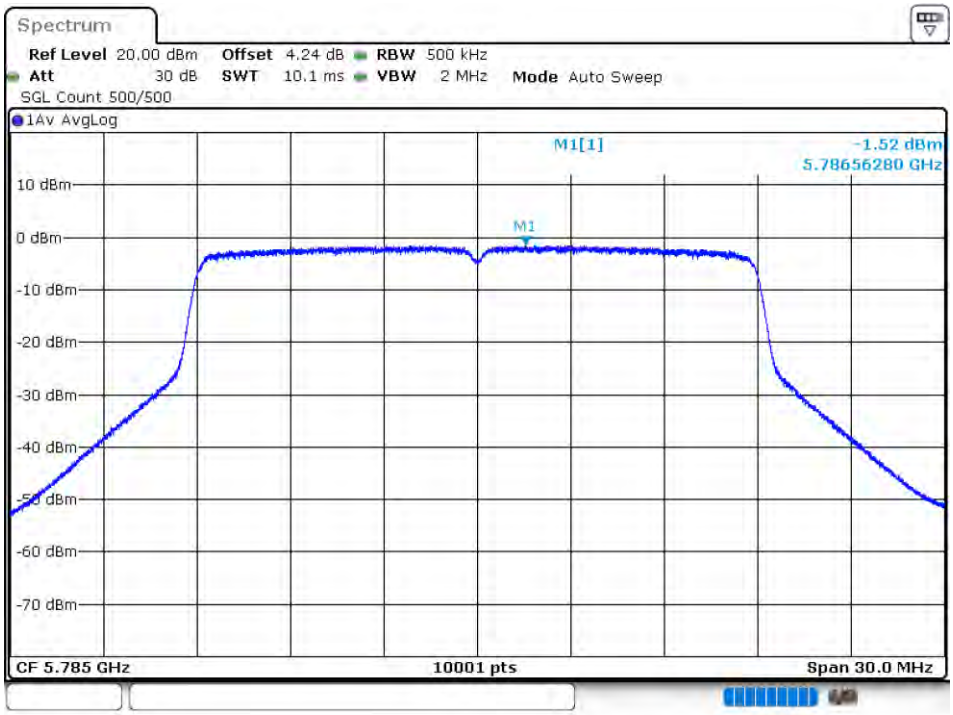
PSD NVNT a 5825MHz Ant2



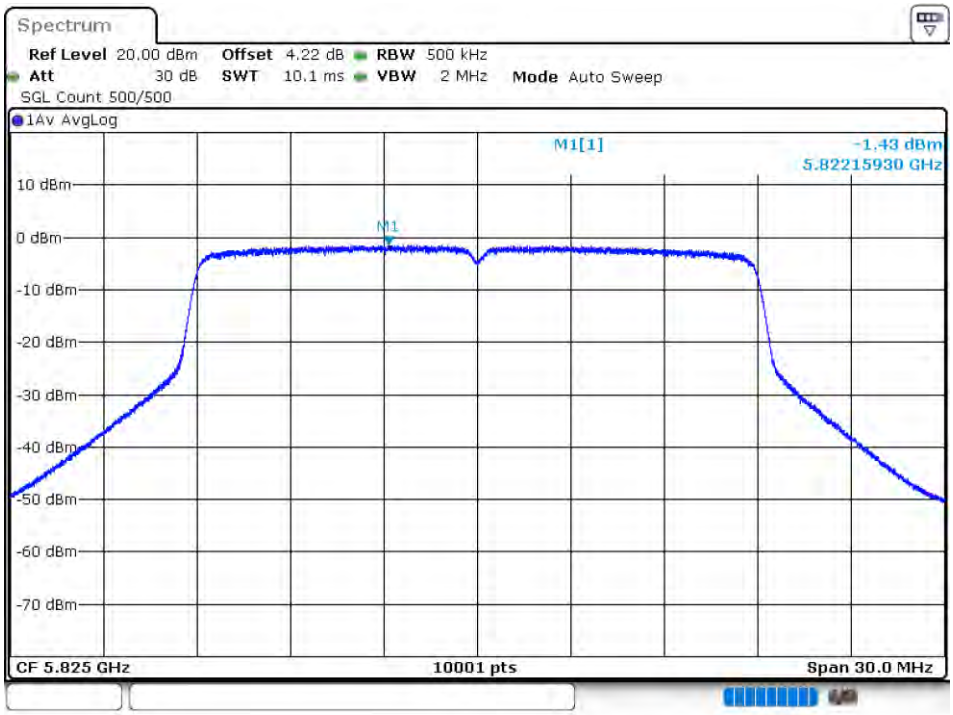
PSD NVNT n20 5745MHz Ant1



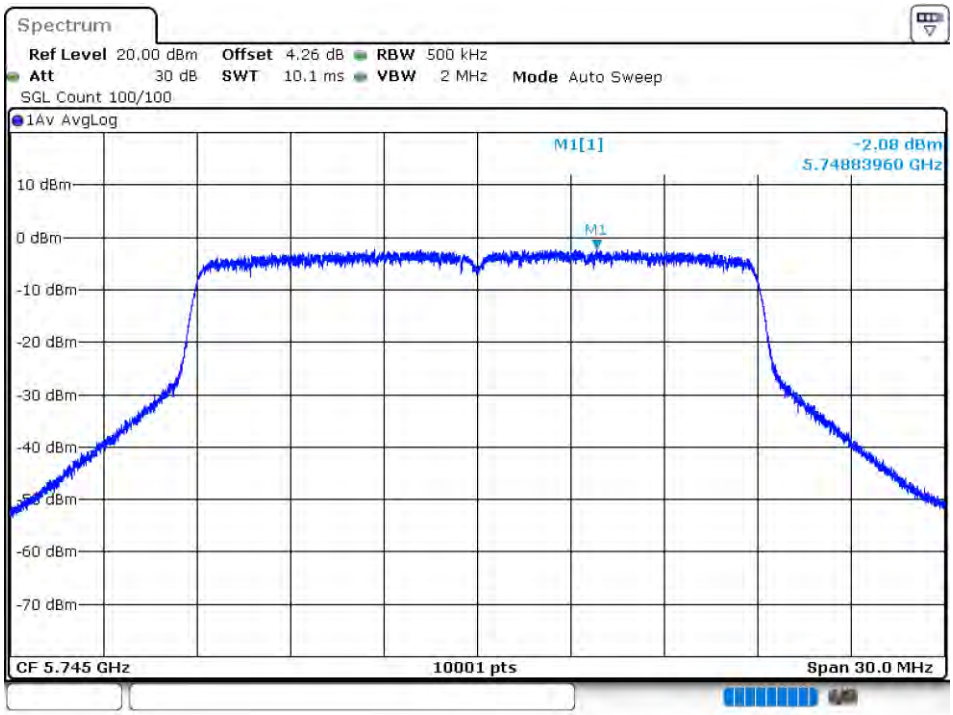
PSD NVNT n20 5785MHz Ant1



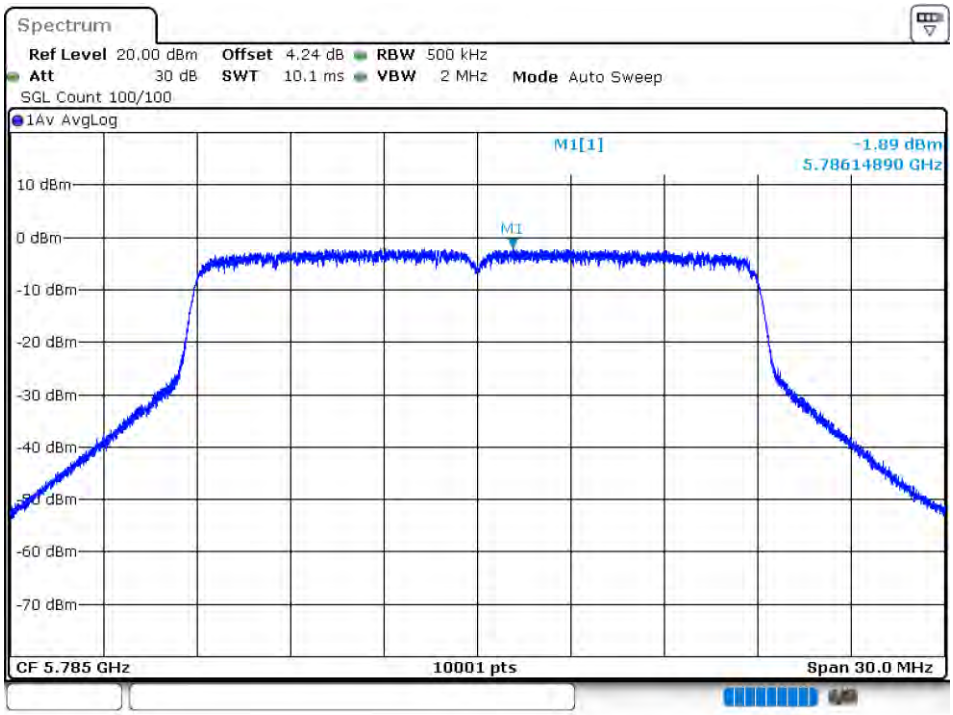
PSD NVNT n20 5825MHz Ant1



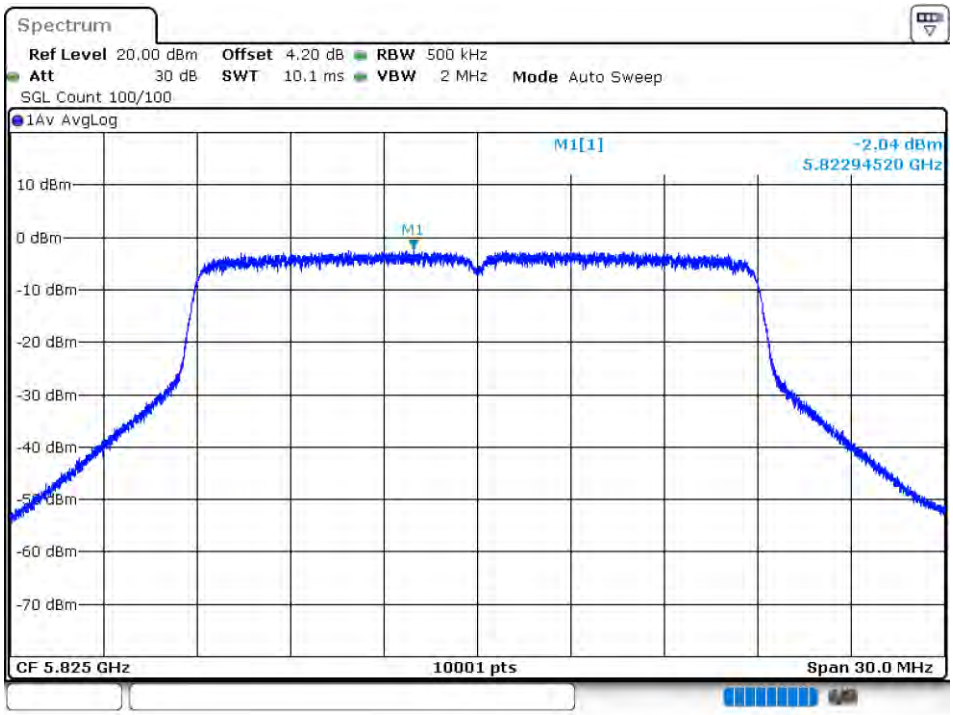
PSD NVNT n20 5745MHz Ant2



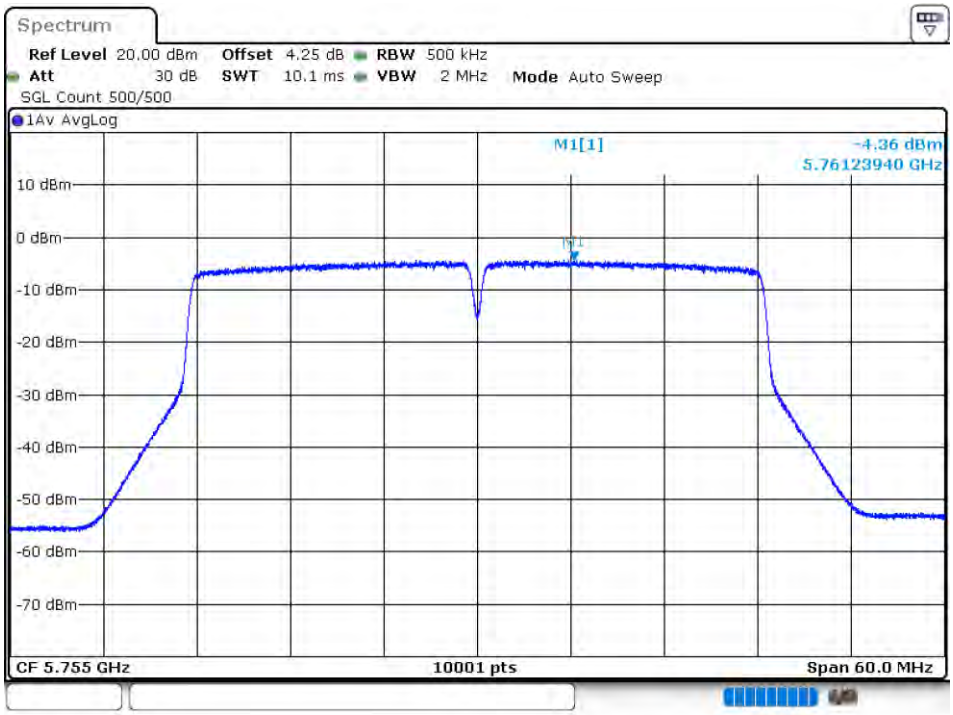
PSD NVNT n20 5785MHz Ant2



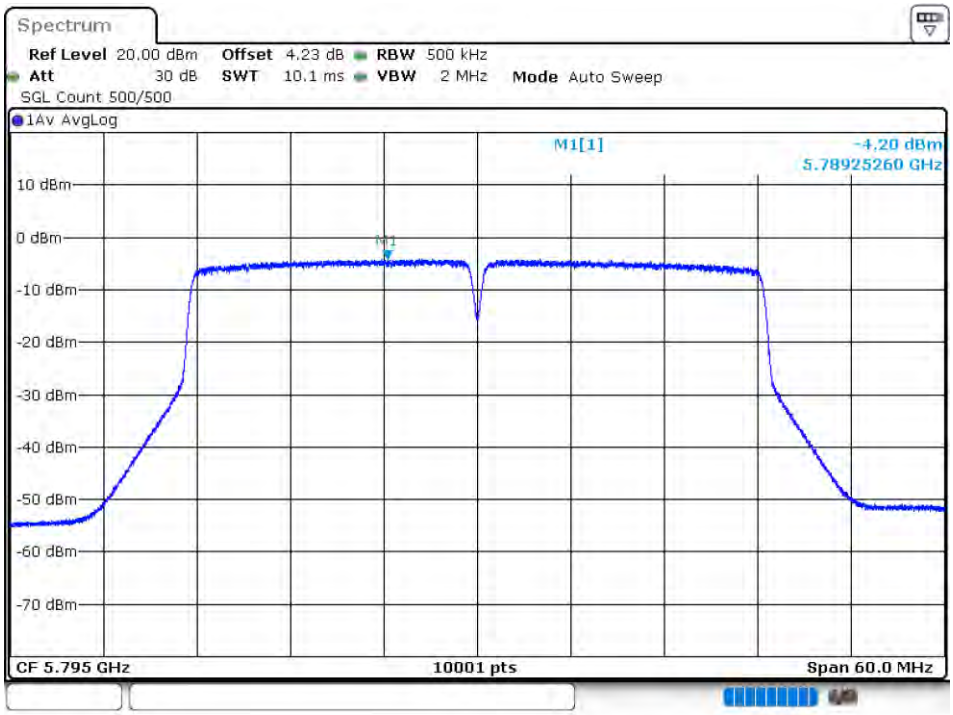
PSD NVNT n20 5825MHz Ant2



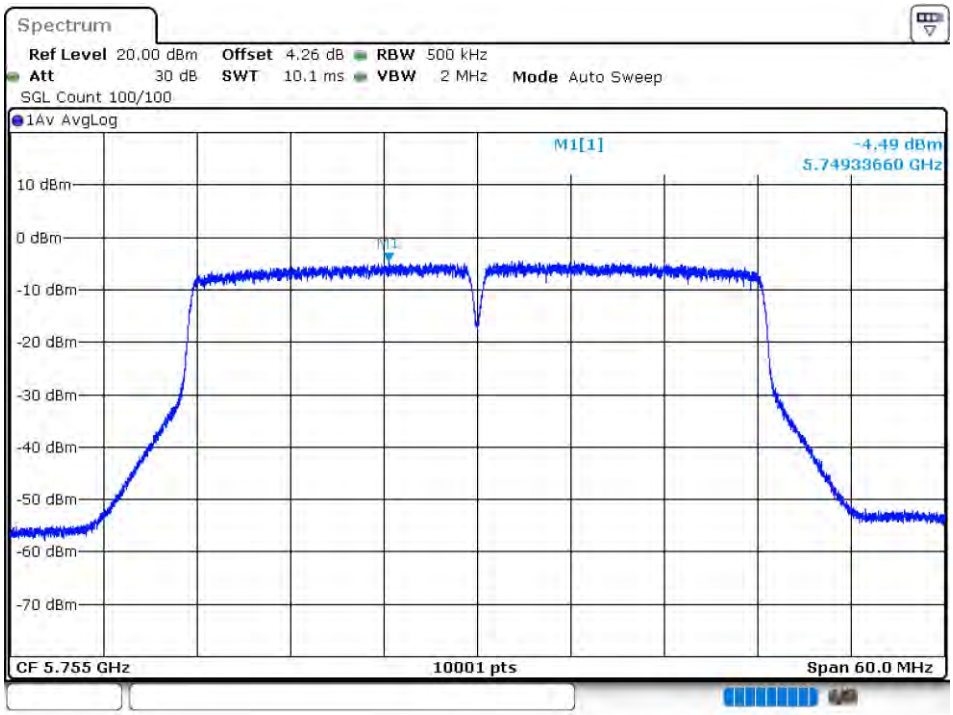
PSD NVNT n40 5755MHz Ant1



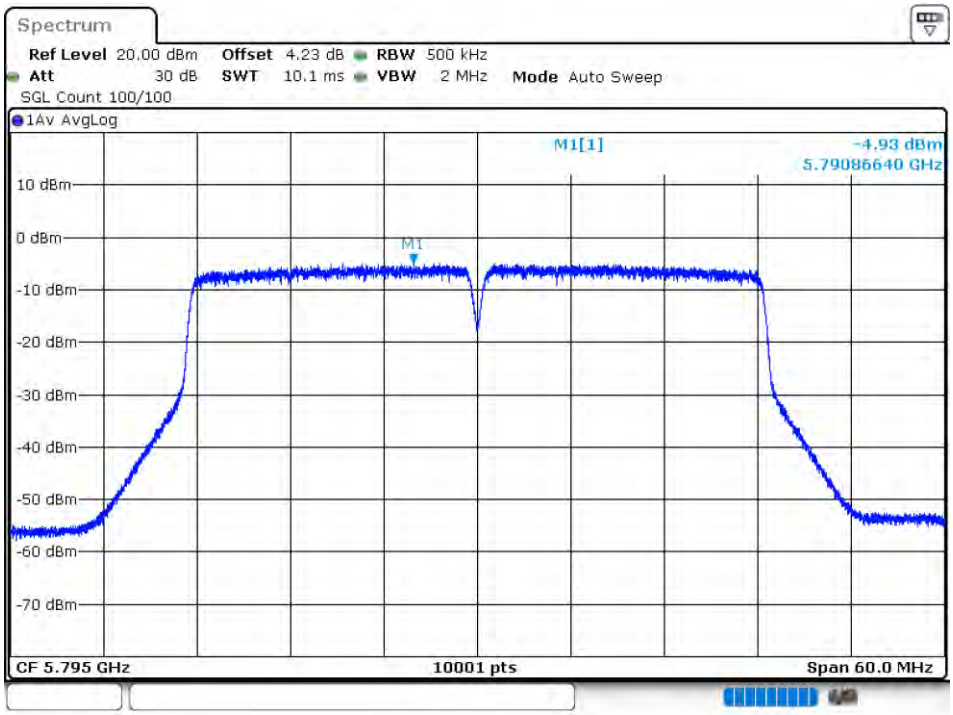
PSD NVNT n40 5795MHz Ant1



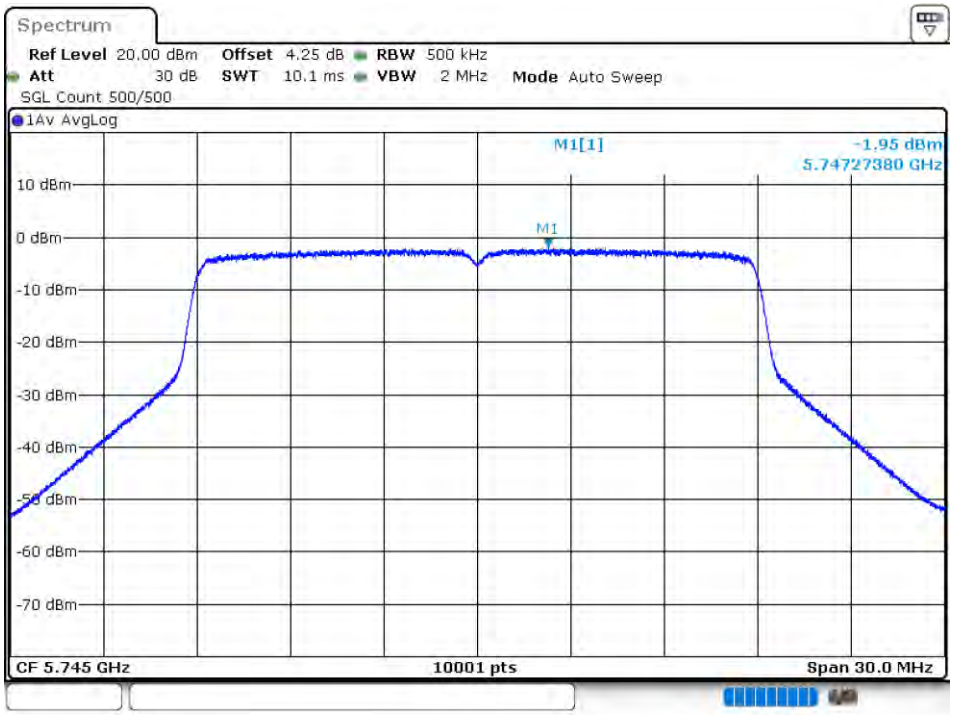
PSD NVNT n40 5755MHz Ant2



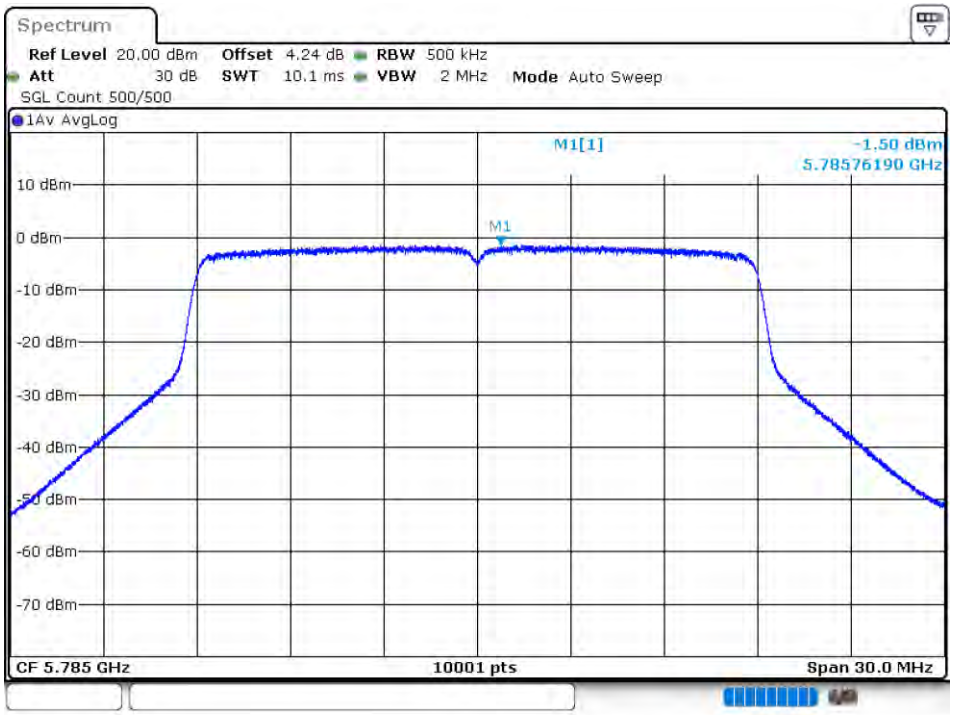
PSD NVNT n40 5795MHz Ant2



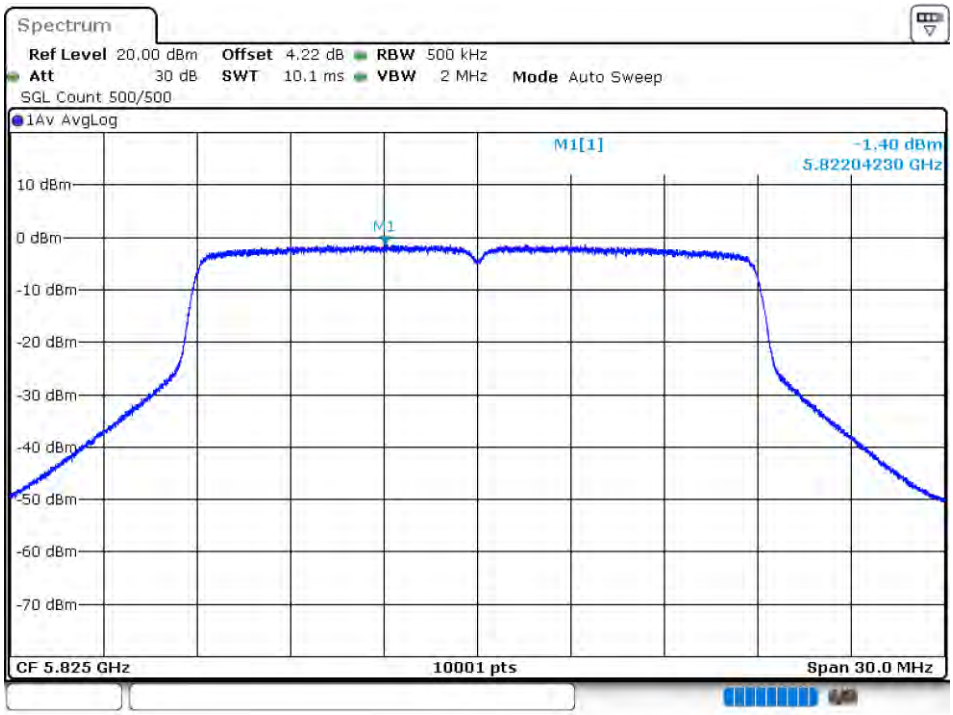
PSD NVNT ac20 5745MHz Ant1



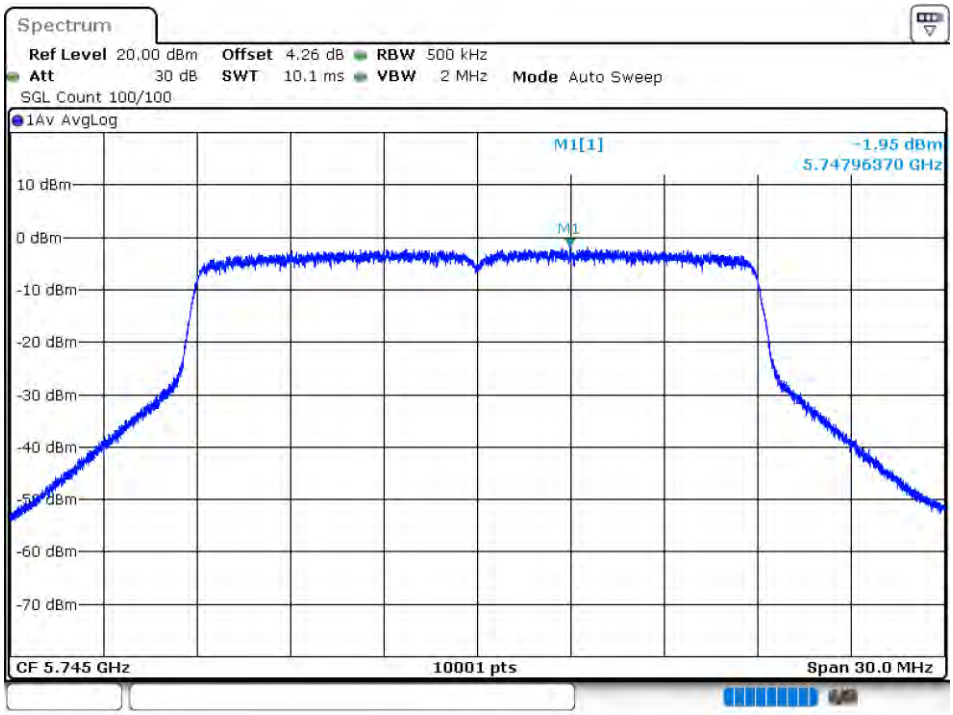
PSD NVNT ac20 5785MHz Ant1



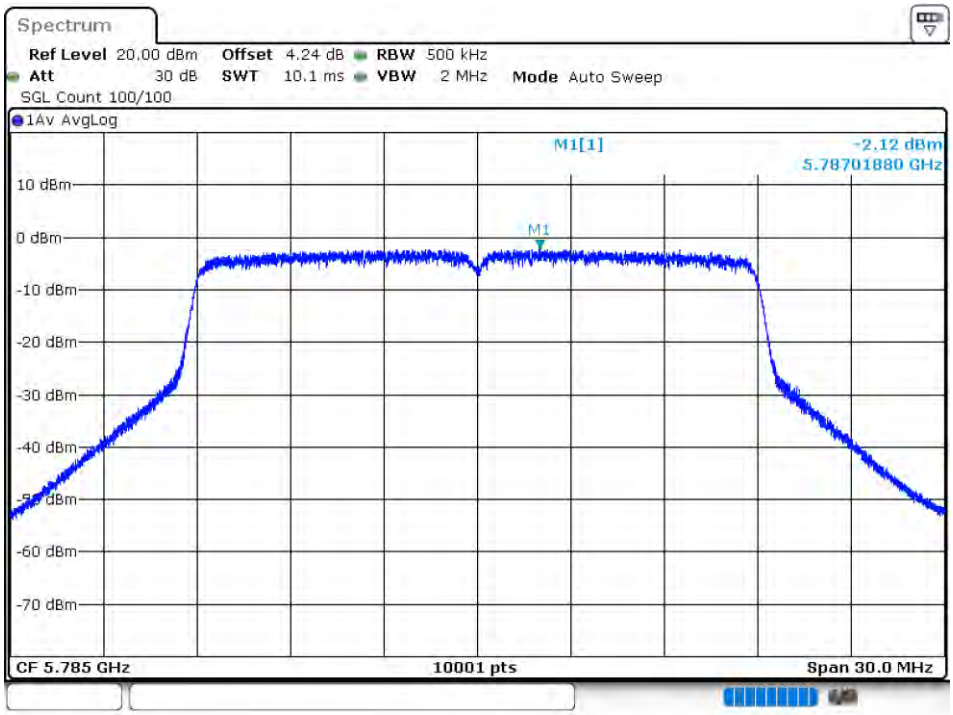
PSD NVNT ac20 5825MHz Ant1



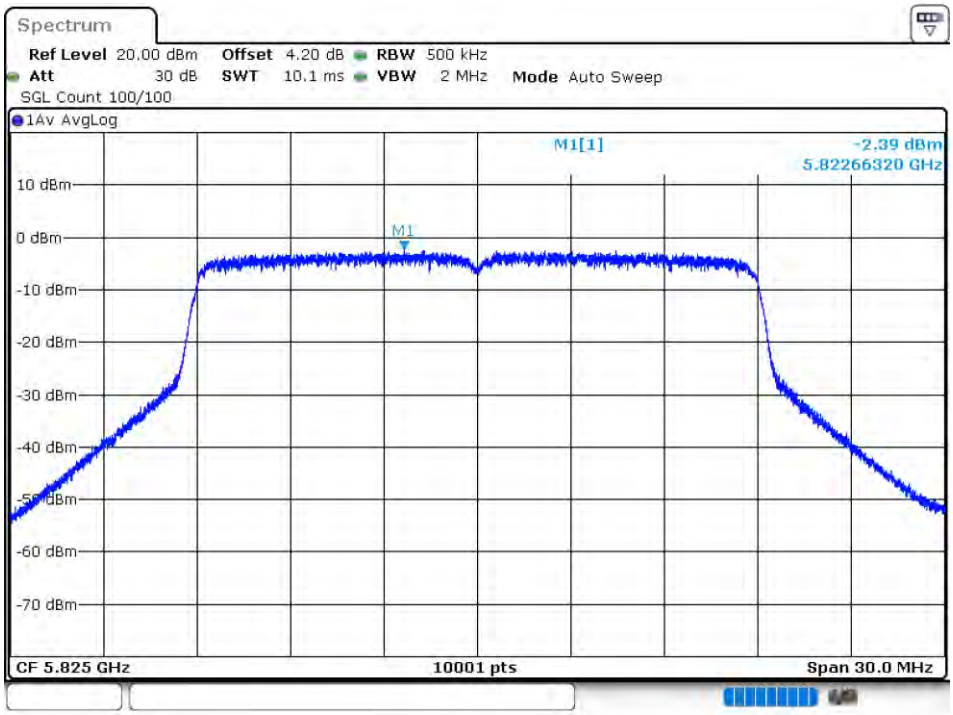
PSD NVNT ac20 5745MHz Ant2



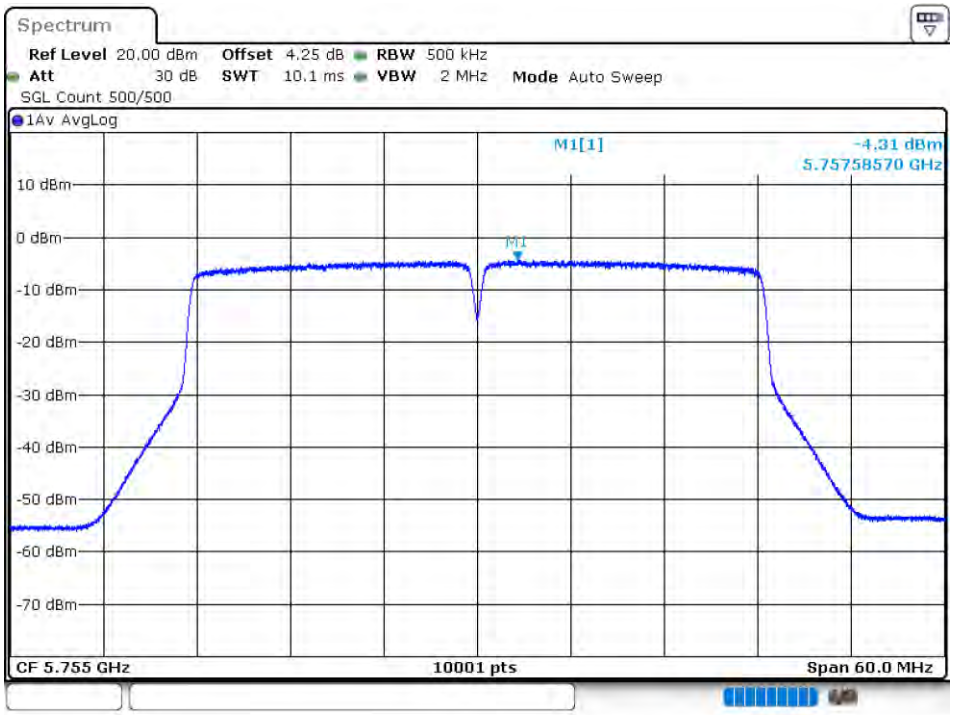
PSD NVNT ac20 5785MHz Ant2



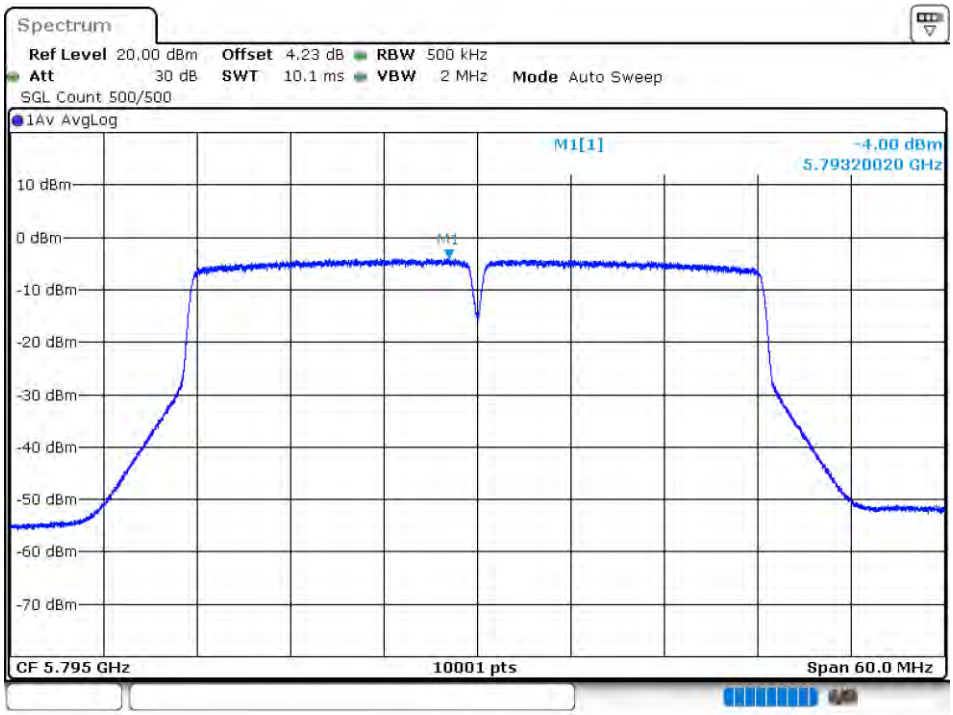
PSD NVNT ac20 5825MHz Ant2



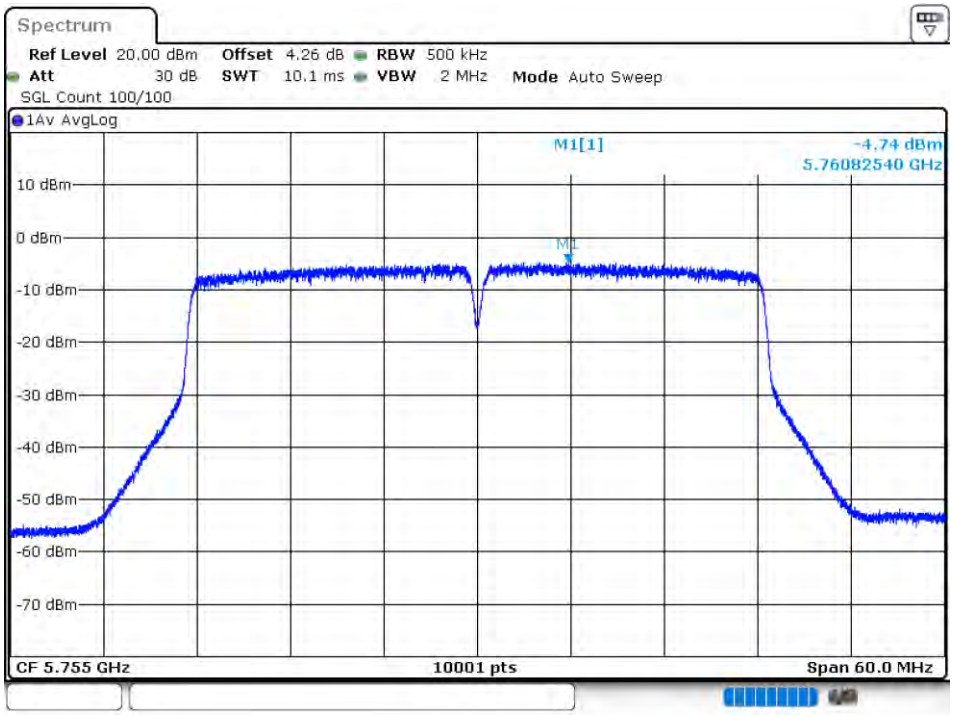
PSD NVNT ac40 5755MHz Ant1



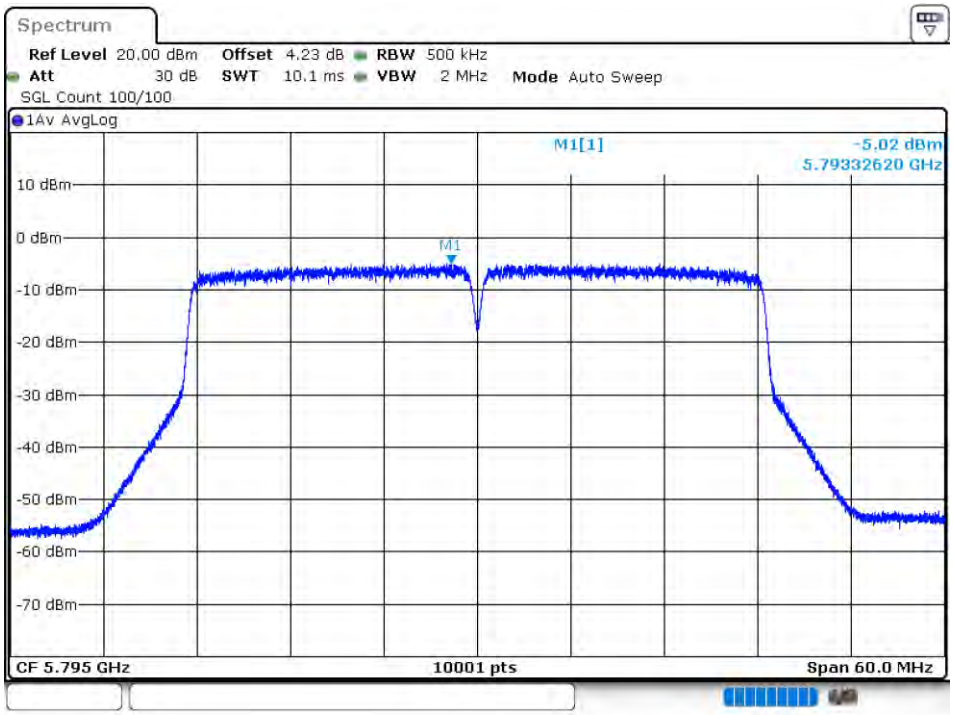
PSD NVNT ac40 5795MHz Ant1



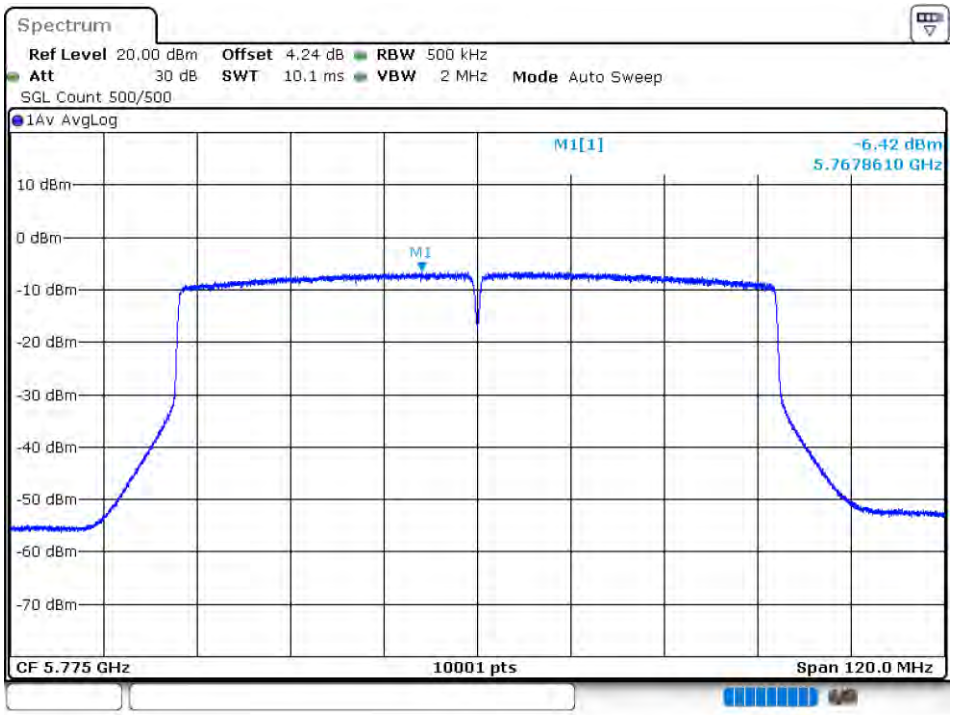
PSD NVNT ac40 5755MHz Ant2



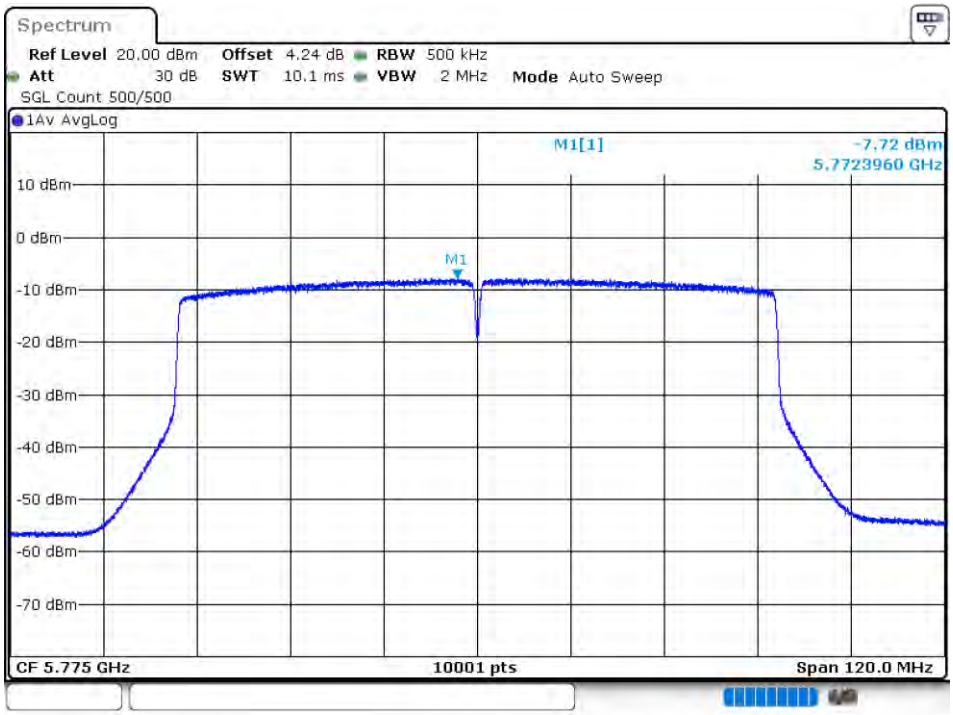
PSD NVNT ac40 5795MHz Ant2



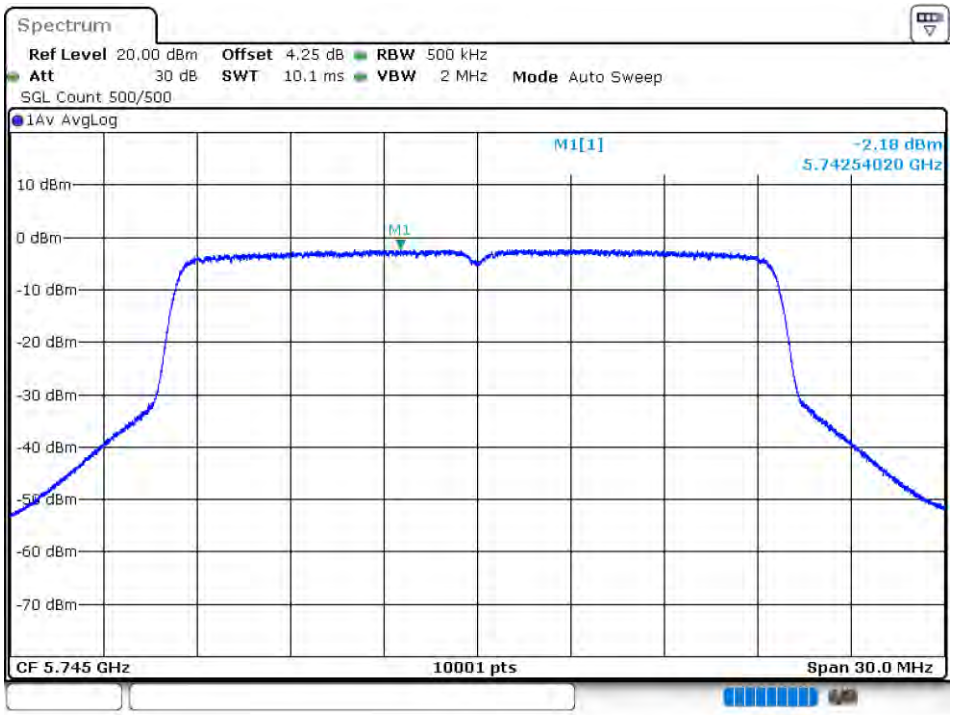
PSD NVNT ac80 5775MHz Ant1



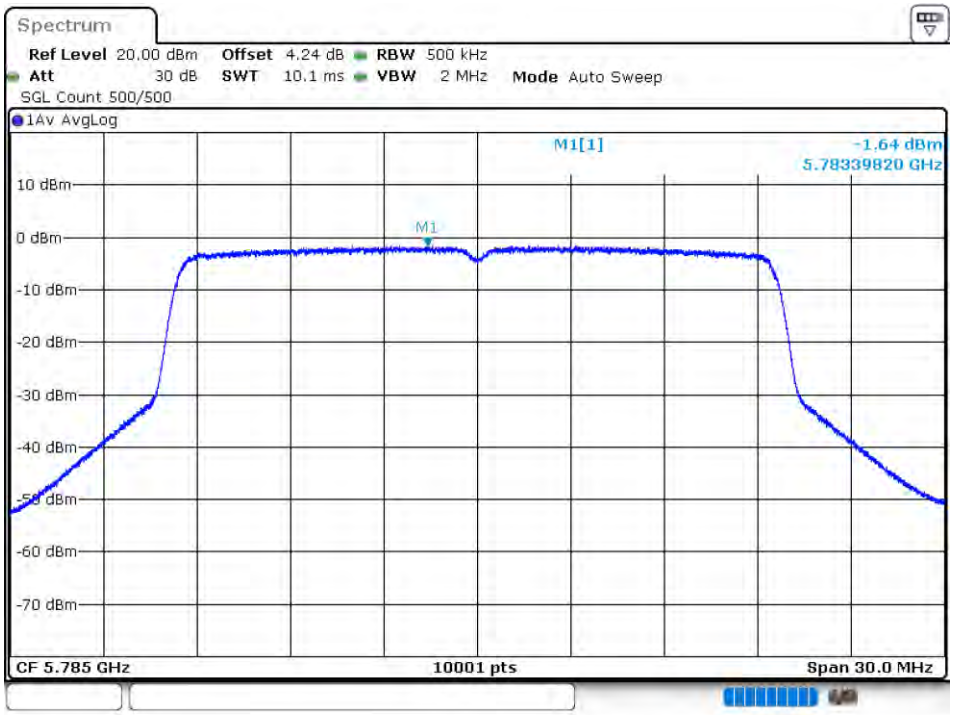
PSD NVNT ac80 5775MHz Ant2



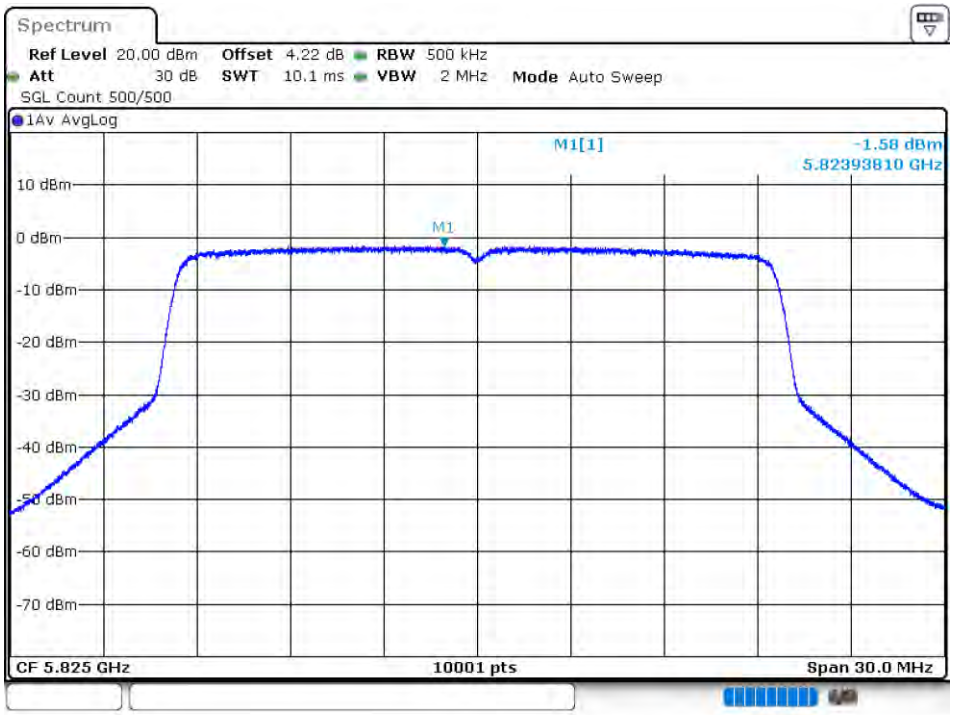
PSD NVNT ax20 5745MHz Ant1



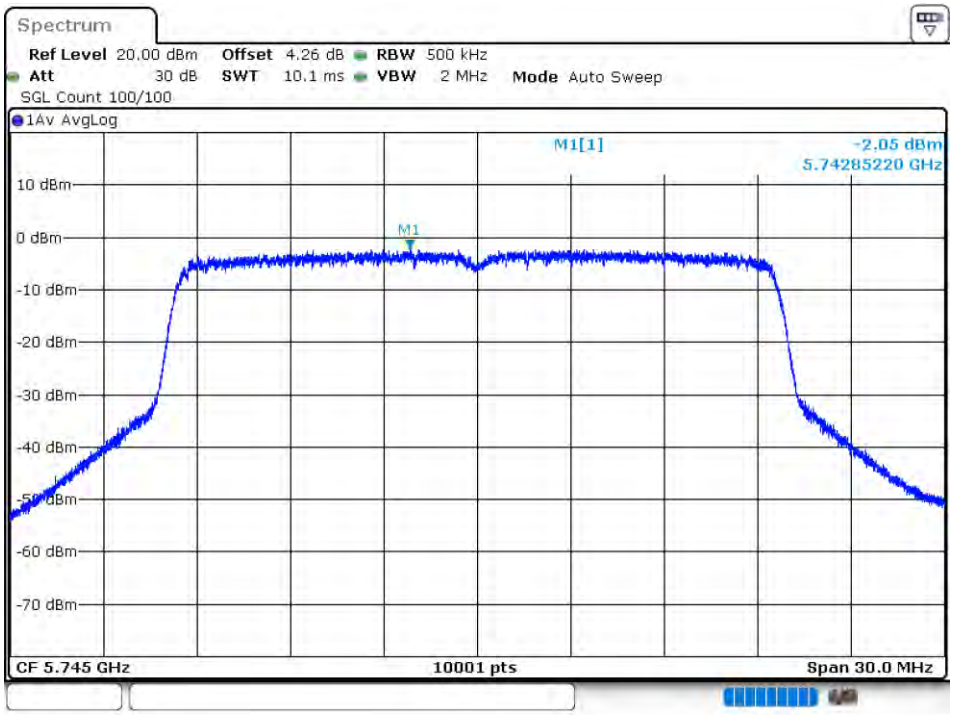
PSD NVNT ax20 5785MHz Ant1



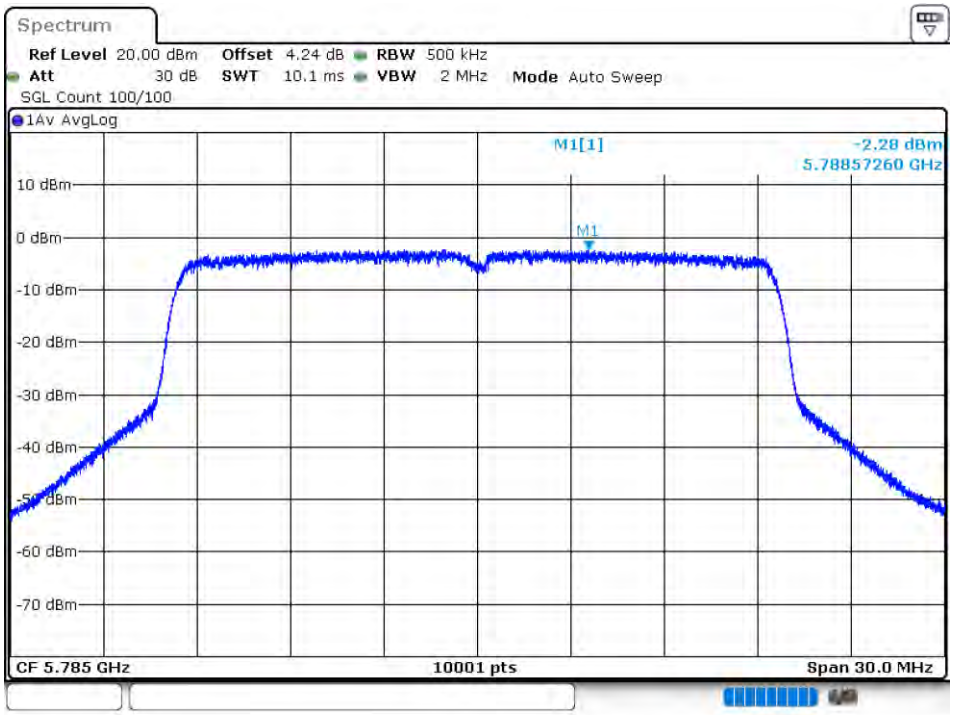
PSD NVNT ax20 5825MHz Ant1



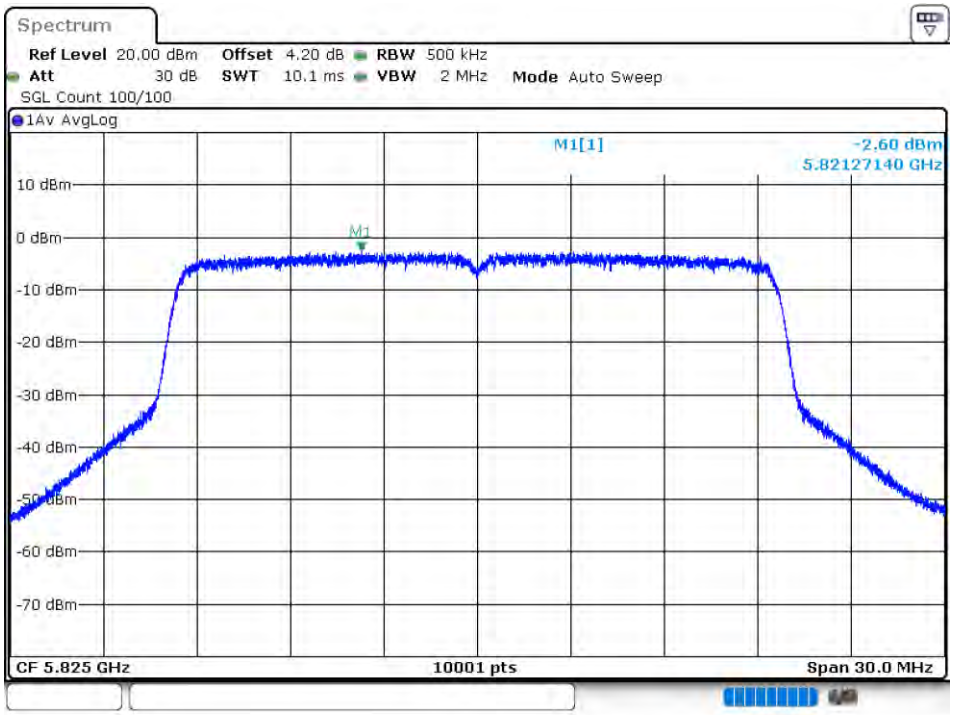
PSD NVNT ax20 5745MHz Ant2



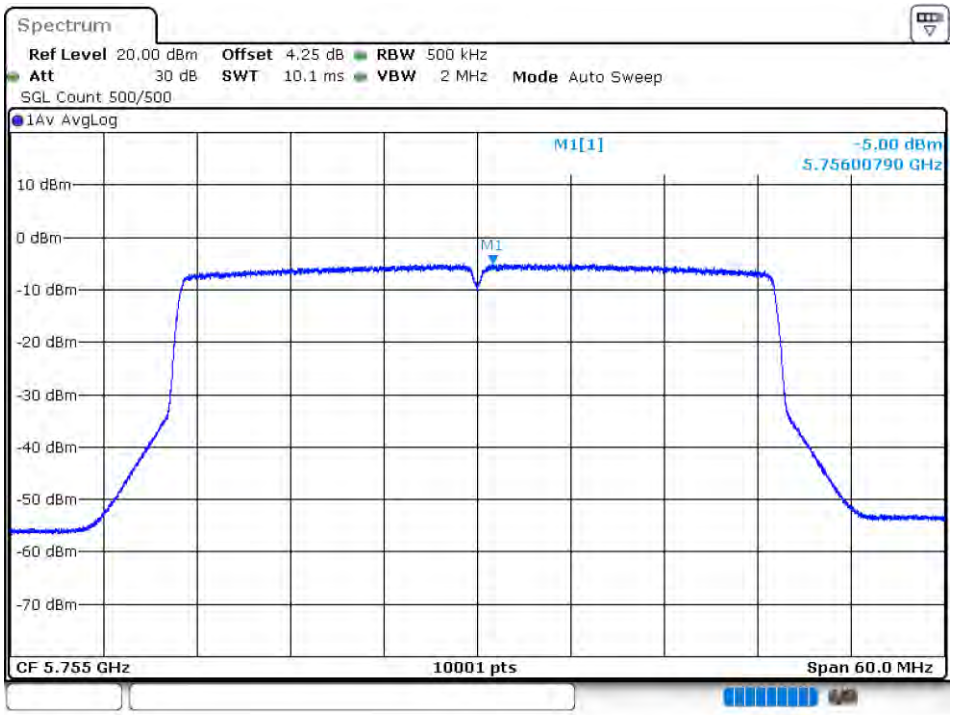
PSD NVNT ax20 5785MHz Ant2



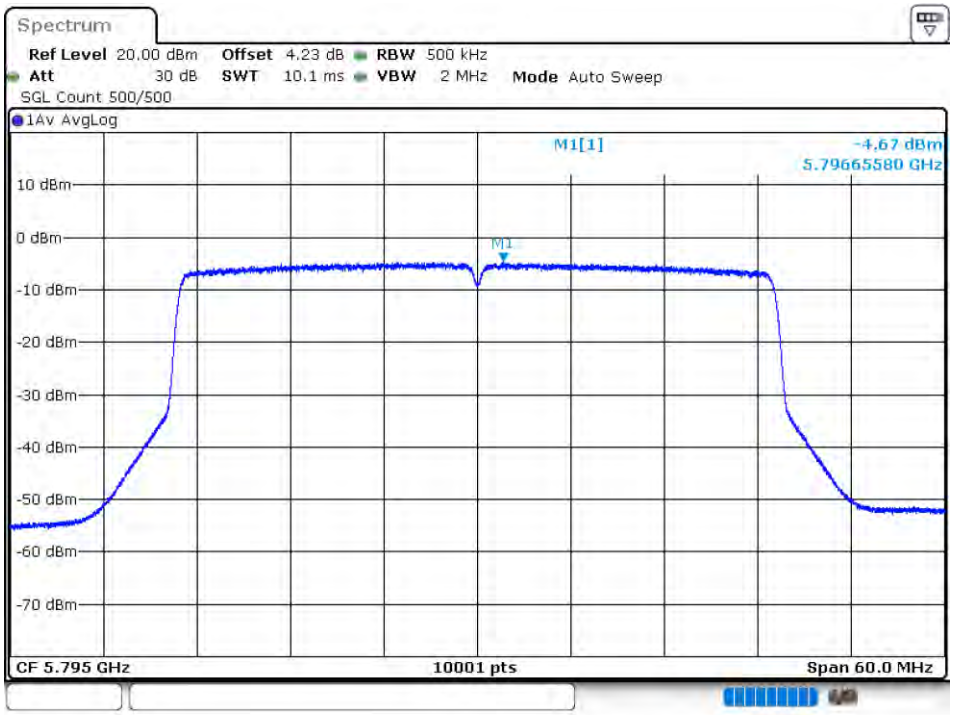
PSD NVNT ax20 5825MHz Ant2



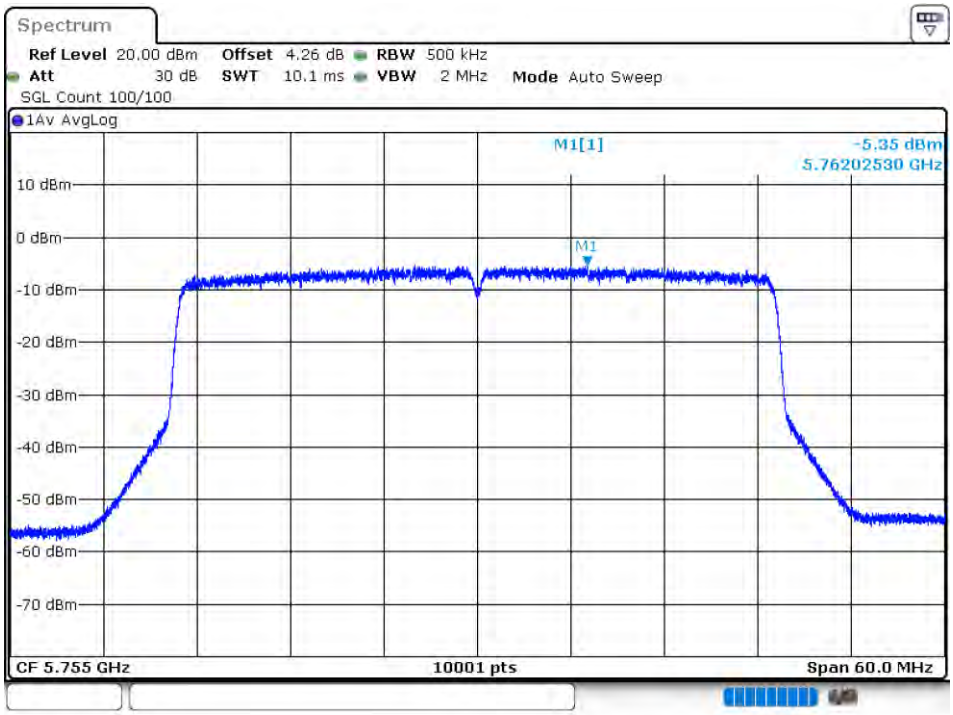
PSD NVNT ax40 5755MHz Ant1



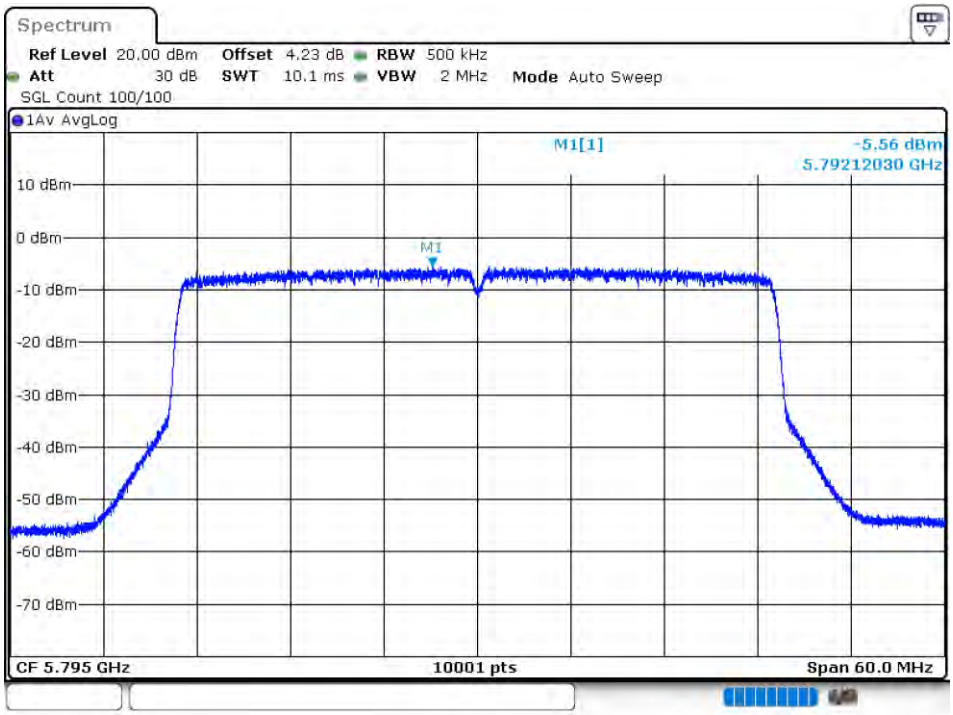
PSD NVNT ax40 5795MHz Ant1



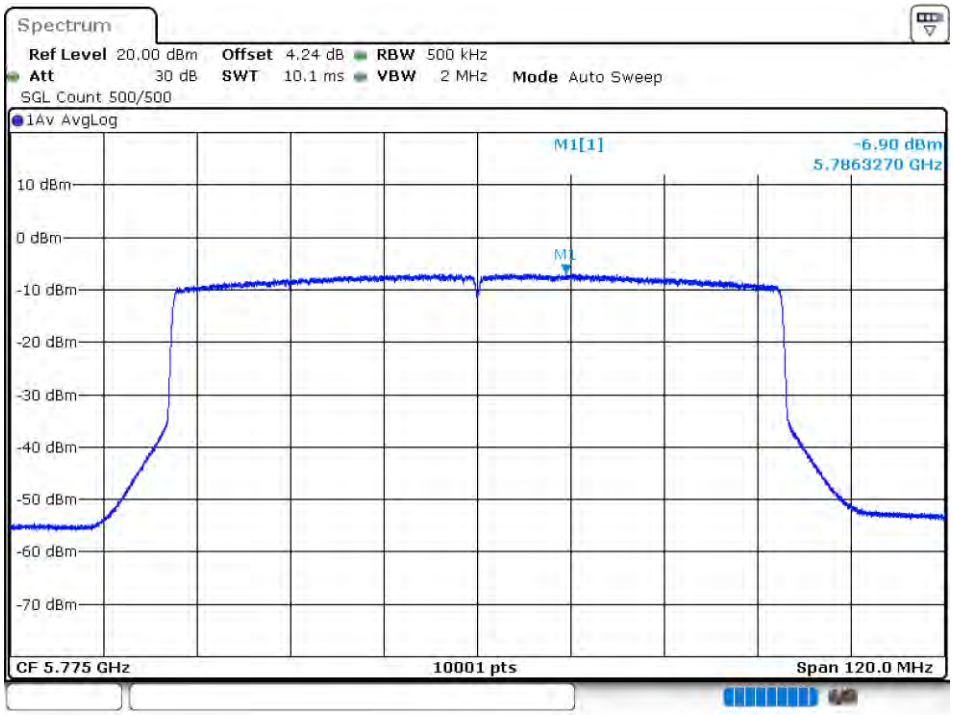
PSD NVNT ax40 5755MHz Ant2



PSD NVNT ax40 5795MHz Ant2



PSD NVNT ax80 5775MHz Ant1



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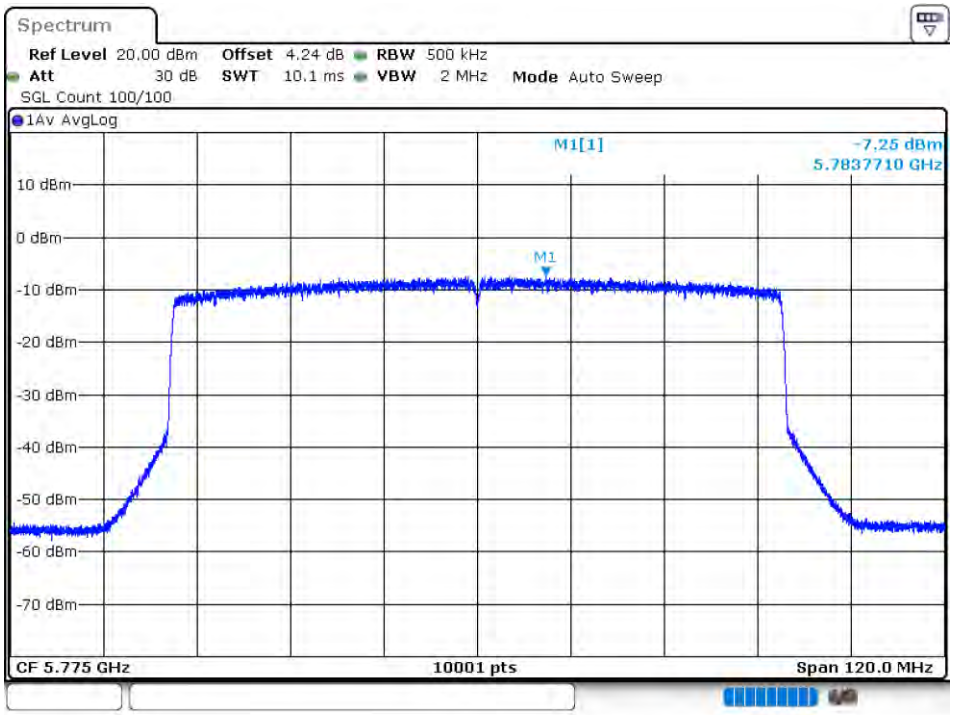
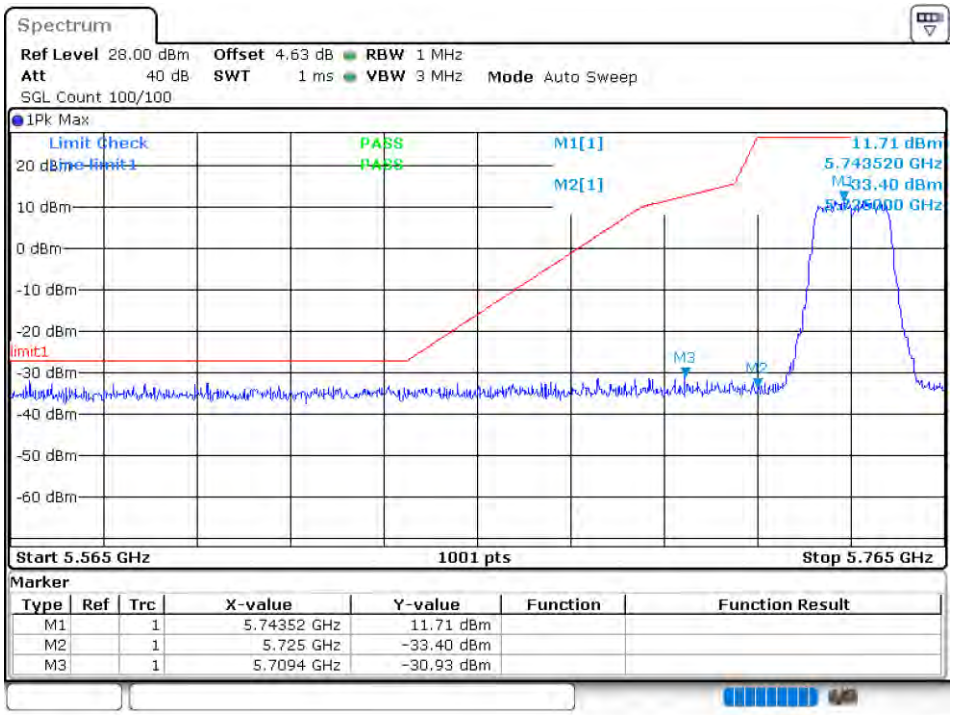


Band Edge

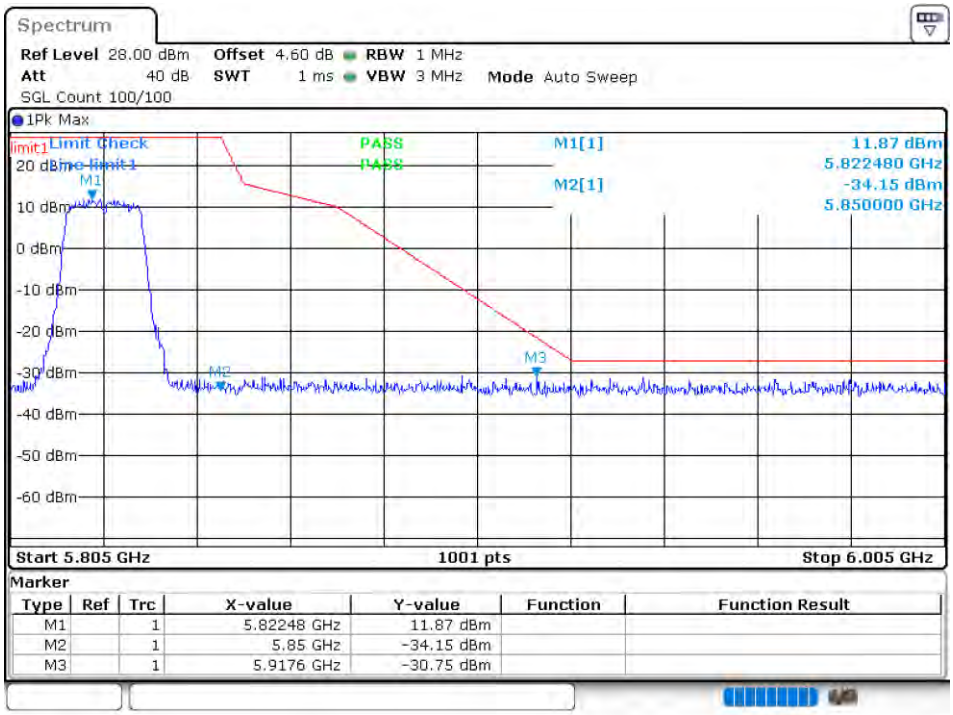
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	a	5745	Ant1	-30.92	Pass
NVNT	a	5825	Ant1	-30.75	Pass
NVNT	a	5745	Ant2	-30.9	Pass
NVNT	a	5825	Ant2	-30.78	Pass
NVNT	n20	5745	Ant1	-30.93	Pass
NVNT	n20	5825	Ant1	-31.11	Pass
NVNT	n20	5745	Ant2	-31.27	Pass
NVNT	n20	5825	Ant2	-29.92	Pass
NVNT	n40	5755	Ant1	-32.34	Pass
NVNT	n40	5795	Ant1	-30.86	Pass
NVNT	n40	5755	Ant2	-30.96	Pass
NVNT	n40	5795	Ant2	-30.56	Pass
NVNT	ac20	5745	Ant1	-30.94	Pass
NVNT	ac20	5825	Ant1	-30.94	Pass
NVNT	ac20	5745	Ant2	-31.15	Pass
NVNT	ac20	5825	Ant2	-30.13	Pass
NVNT	ac40	5755	Ant1	-30.9	Pass
NVNT	ac40	5795	Ant1	-31.1	Pass
NVNT	ac40	5755	Ant2	-30.77	Pass
NVNT	ac40	5795	Ant2	-30.55	Pass
NVNT	ac80	5775	Ant1	-30.33	Pass
NVNT	ac80	5775	Ant2	-30.26	Pass
NVNT	ax20	5745	Ant1	-31.28	Pass
NVNT	ax20	5825	Ant1	-30.46	Pass
NVNT	ax20	5745	Ant2	-31.25	Pass
NVNT	ax20	5825	Ant2	-30.54	Pass
NVNT	ax40	5755	Ant1	-31.77	Pass
NVNT	ax40	5795	Ant1	-31.46	Pass
NVNT	ax40	5755	Ant2	-31.45	Pass
NVNT	ax40	5795	Ant2	-30.51	Pass
NVNT	ax80	5775	Ant1	-30.75	Pass
NVNT	ax80	5775	Ant2	-29.78	Pass

Test Graphs

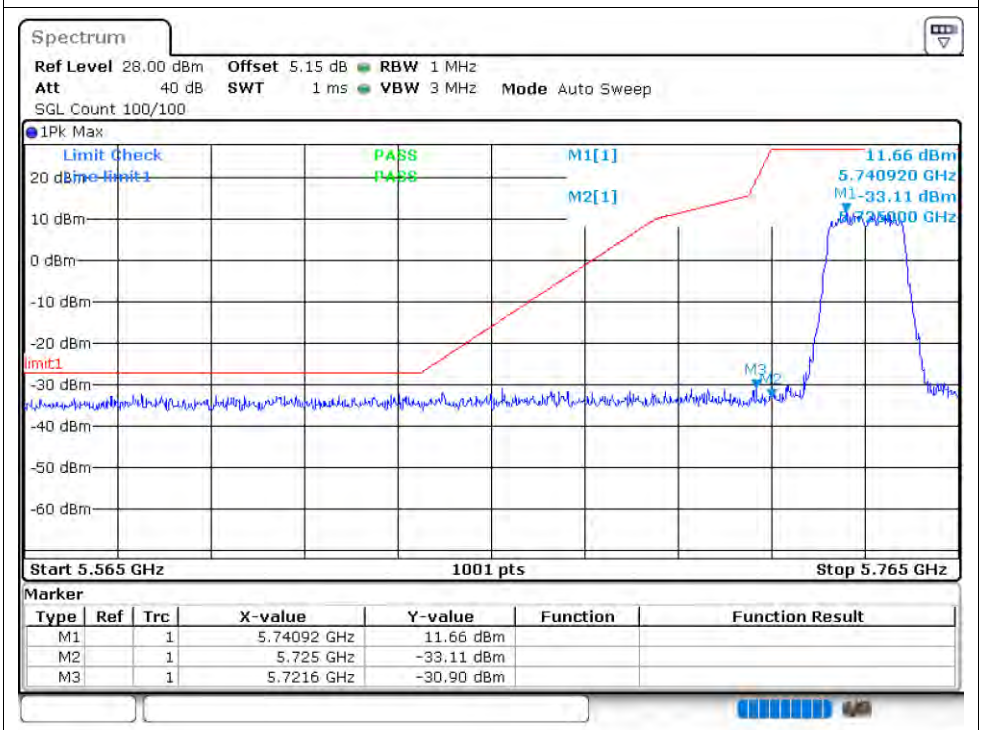
Band Edge NVNT a 5745MHz Low Ant1



Band Edge NVNT a 5825MHz High Ant1



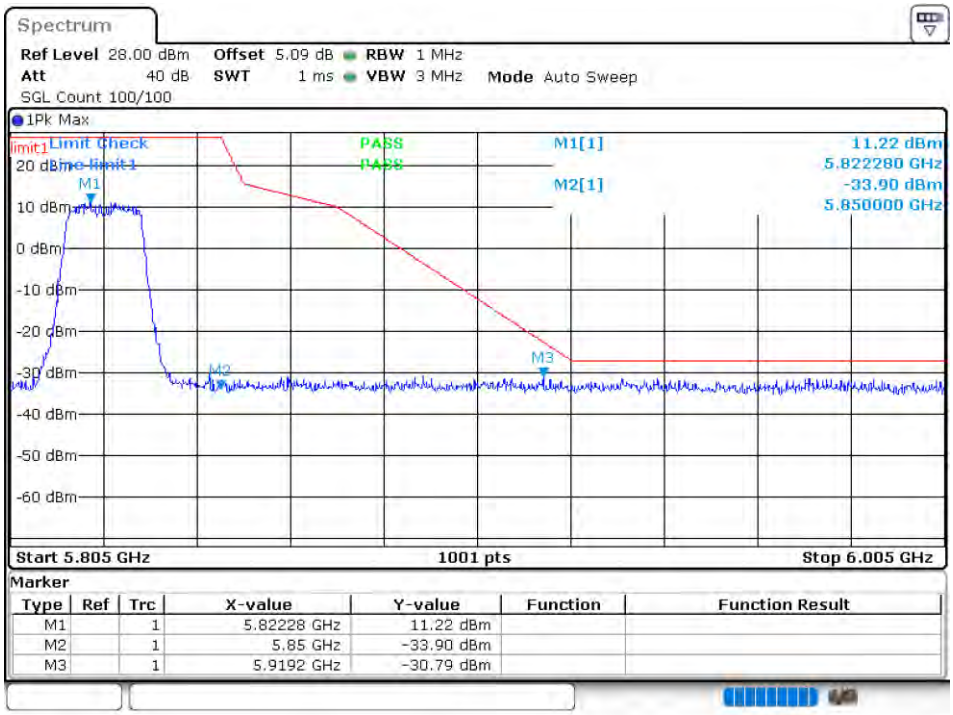
Band Edge NVNT a 5745MHz Low Ant2



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.74092 GHz	11.66 dBm		
M2		1	5.725 GHz	-33.11 dBm		
M3		1	5.7216 GHz	-30.90 dBm		

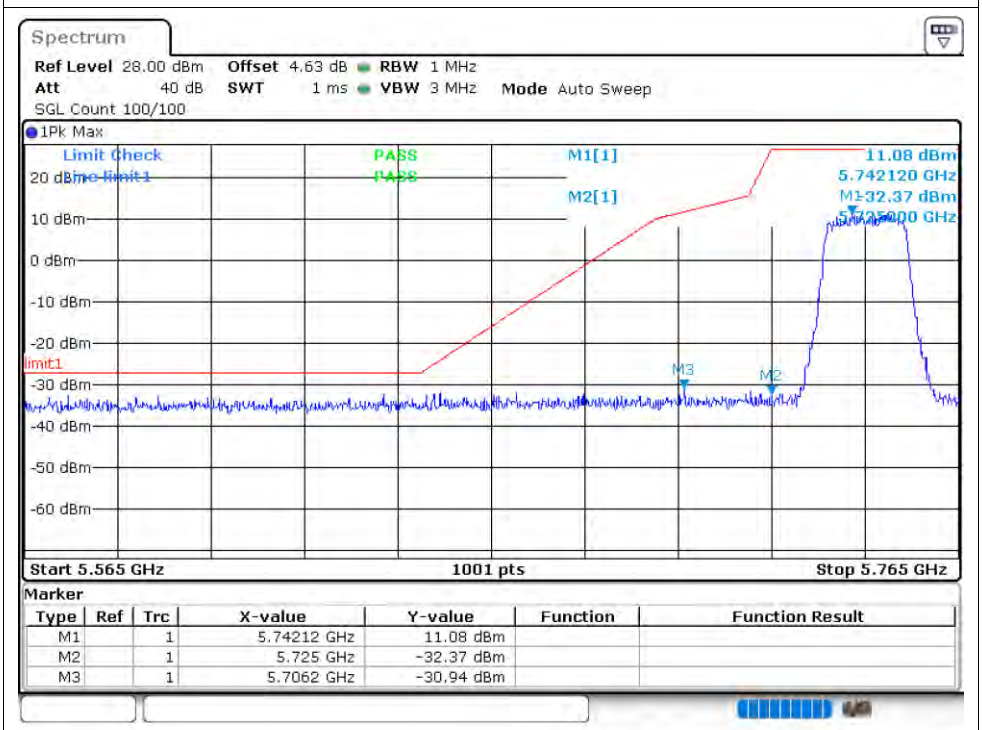
Band Edge NVNT a 5825MHz High Ant2



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.82228 GHz	11.22 dBm		
M2		1	5.85 GHz	-33.90 dBm		
M3		1	5.9192 GHz	-30.79 dBm		

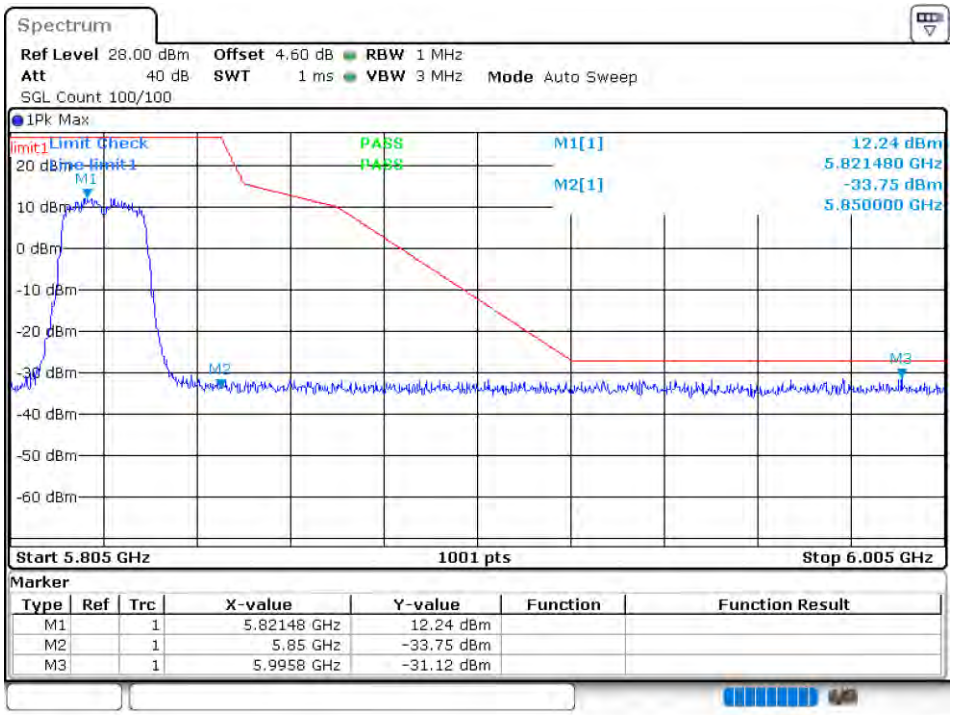
Band Edge NVNT n20 5745MHz Low Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.74212 GHz	11.08 dBm		
M2		1	5.725 GHz	-32.37 dBm		
M3		1	5.7062 GHz	-30.94 dBm		

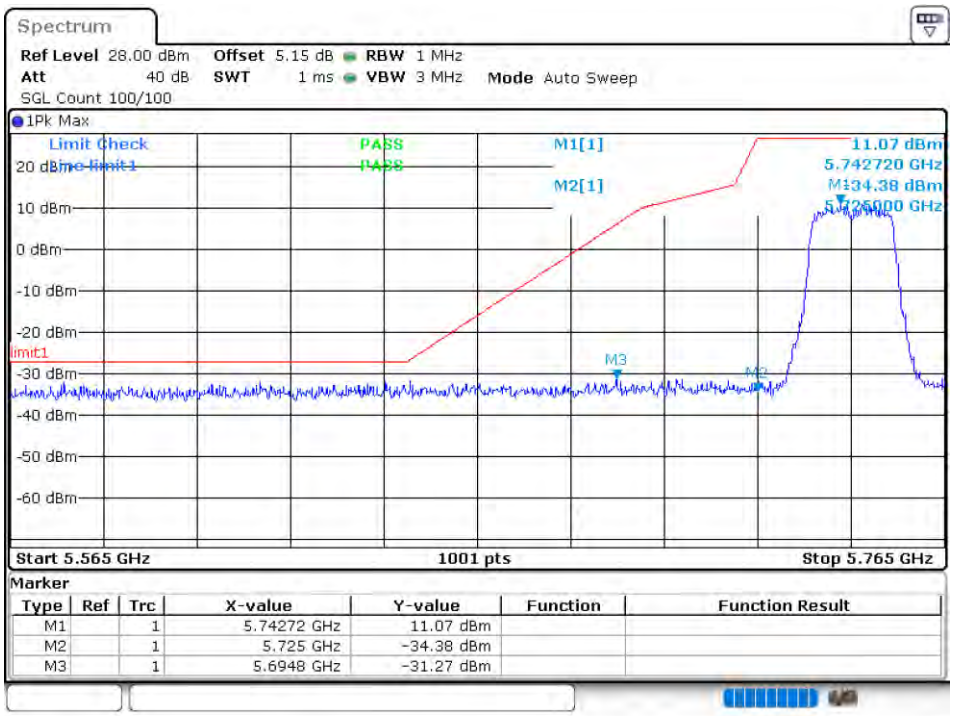
Band Edge NVNT n20 5825MHz High Ant1



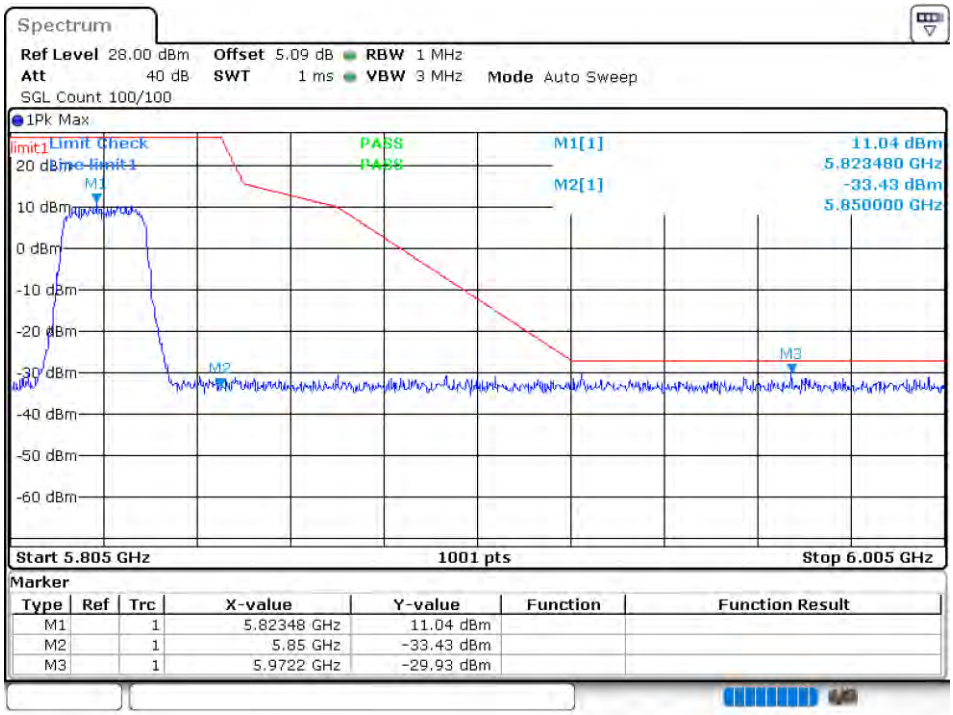
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.82148 GHz	12.24 dBm		
M2		1	5.85 GHz	-33.75 dBm		
M3		1	5.9958 GHz	-31.12 dBm		

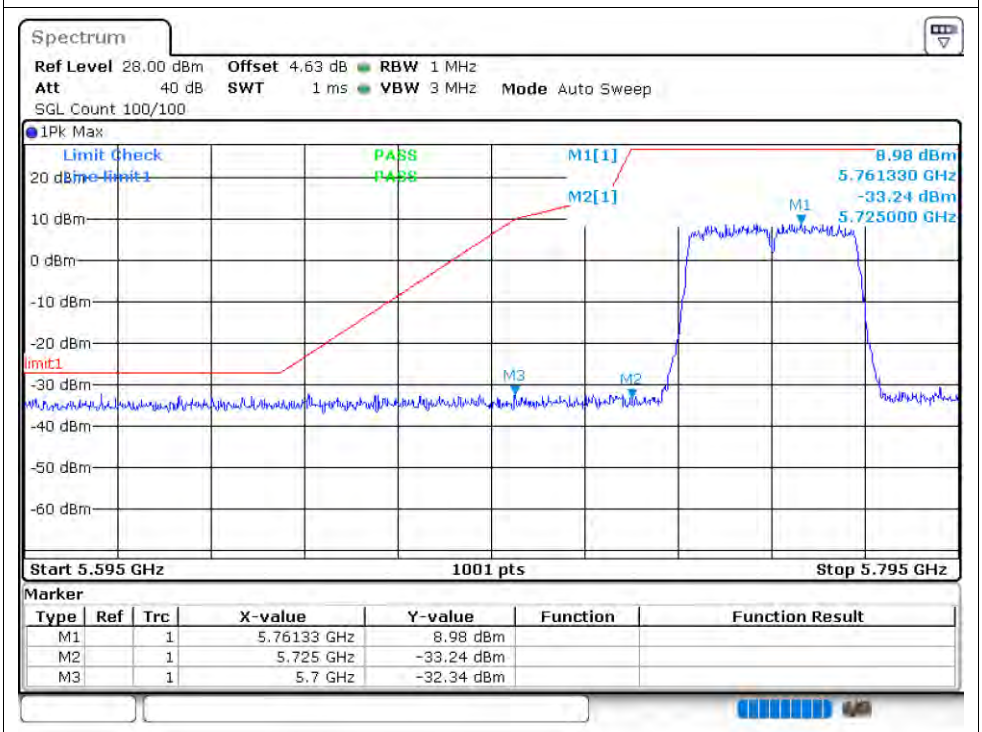
Band Edge NVNT n20 5745MHz Low Ant2



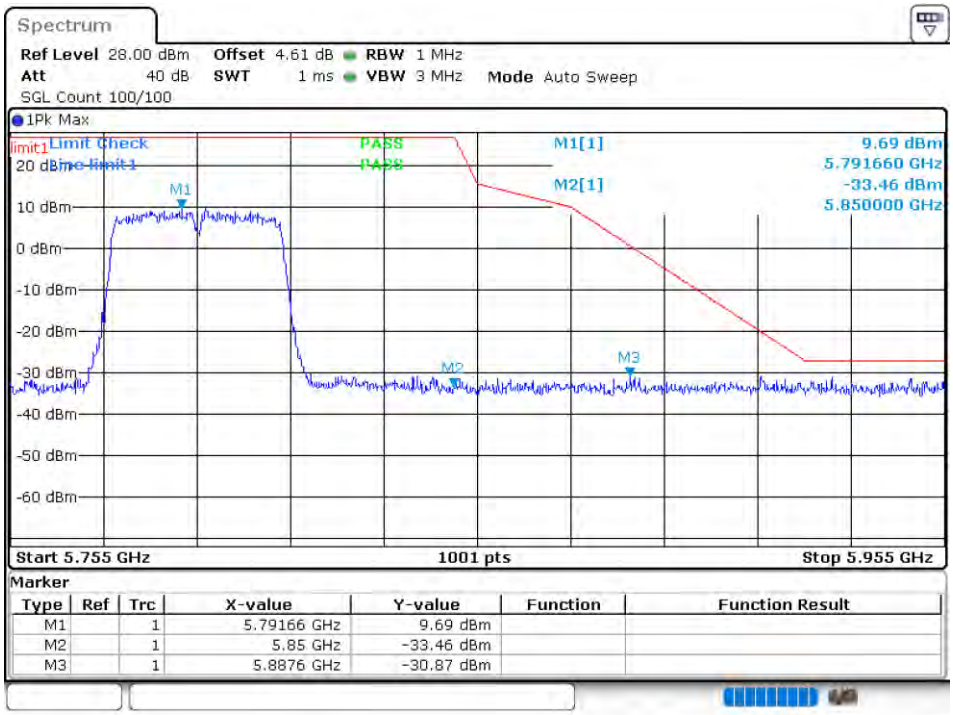
Band Edge NVNT n20 5825MHz High Ant2



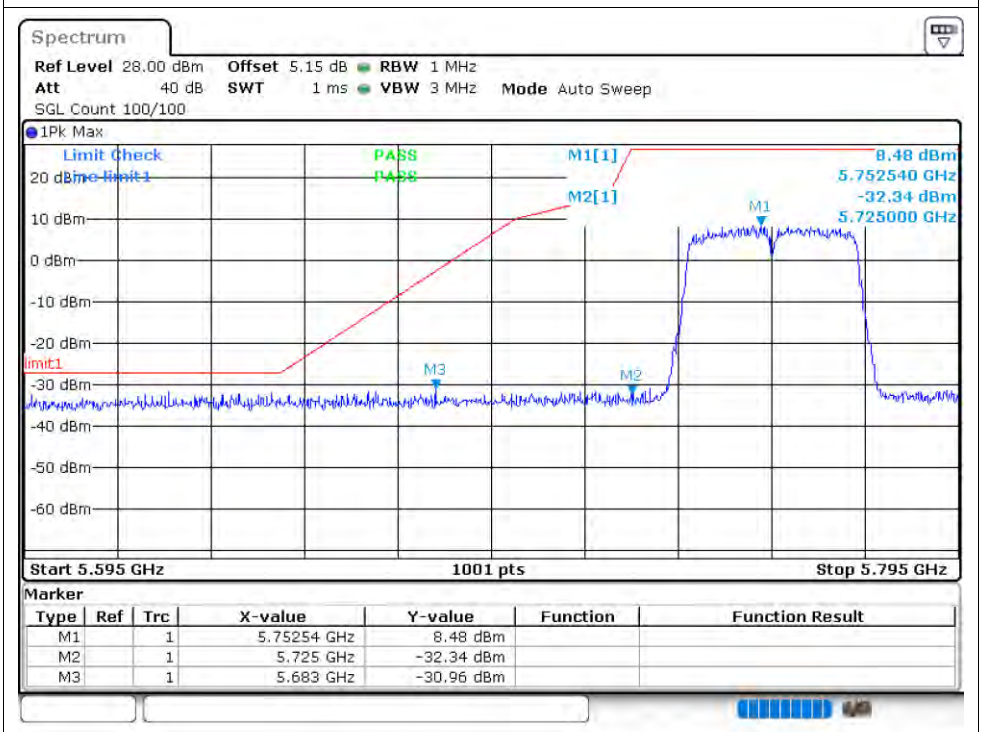
Band Edge NVNT n40 5755MHz Low Ant1



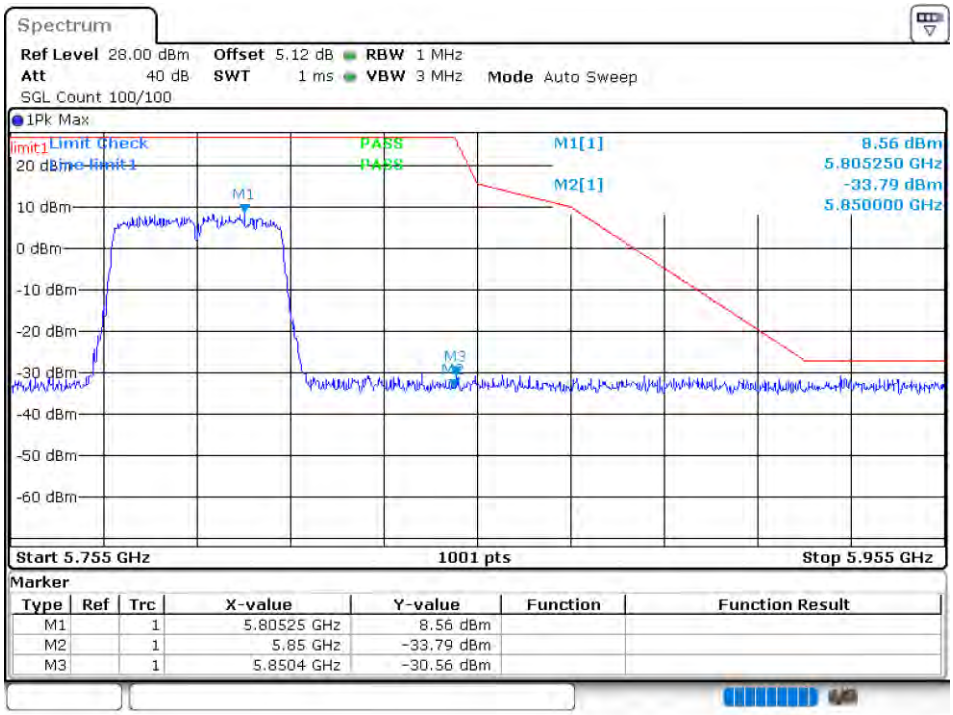
Band Edge NVNT n40 5795MHz High Ant1



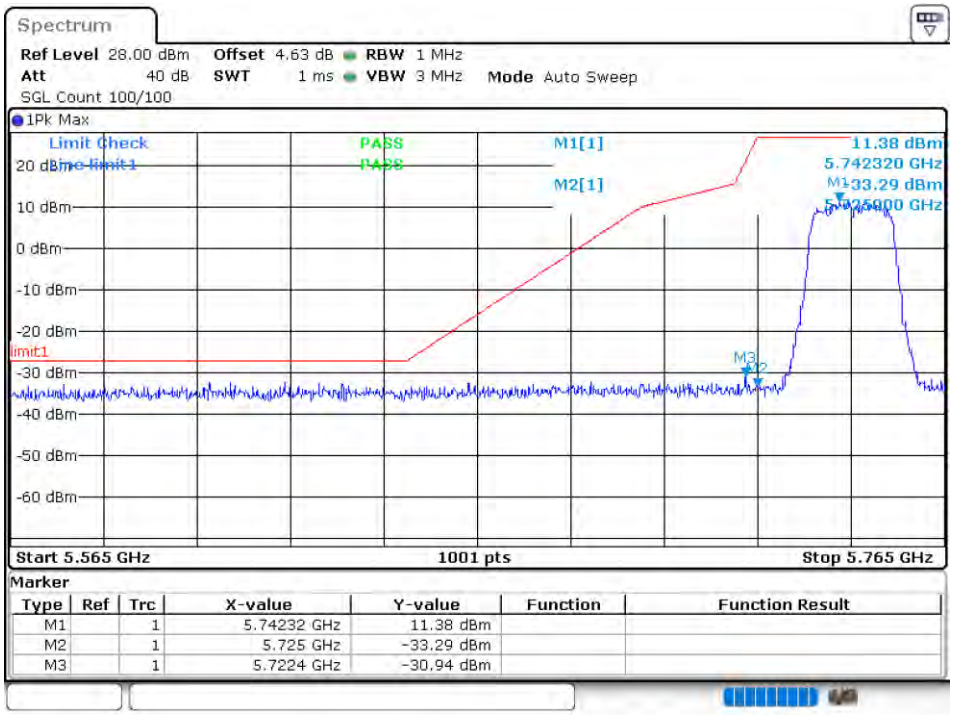
Band Edge NVNT n40 5755MHz Low Ant2



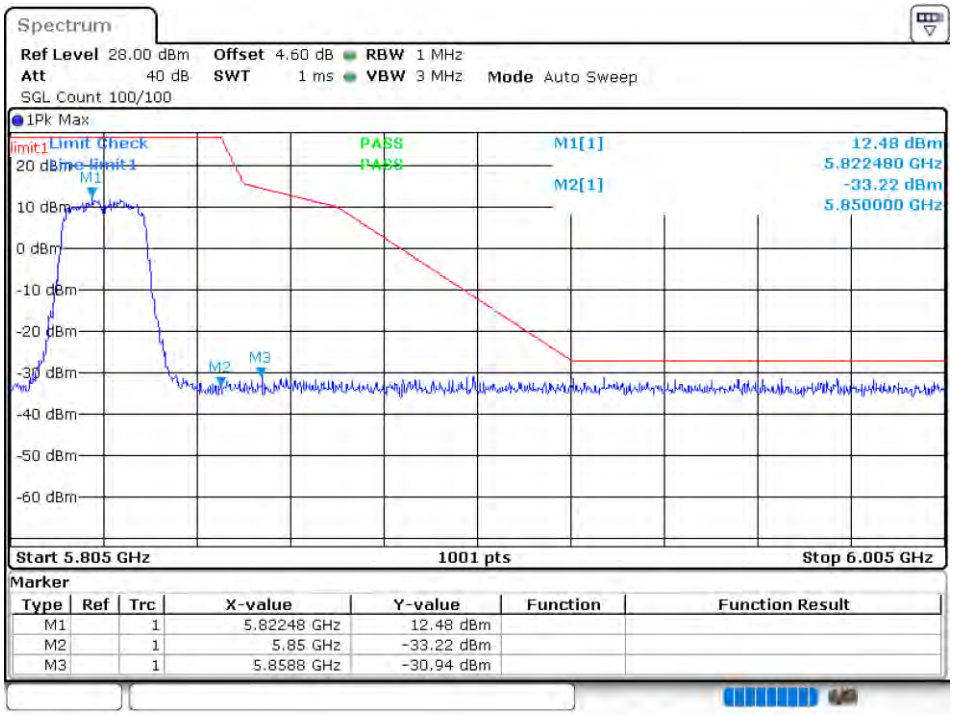
Band Edge NVNT n40 5795MHz High Ant2



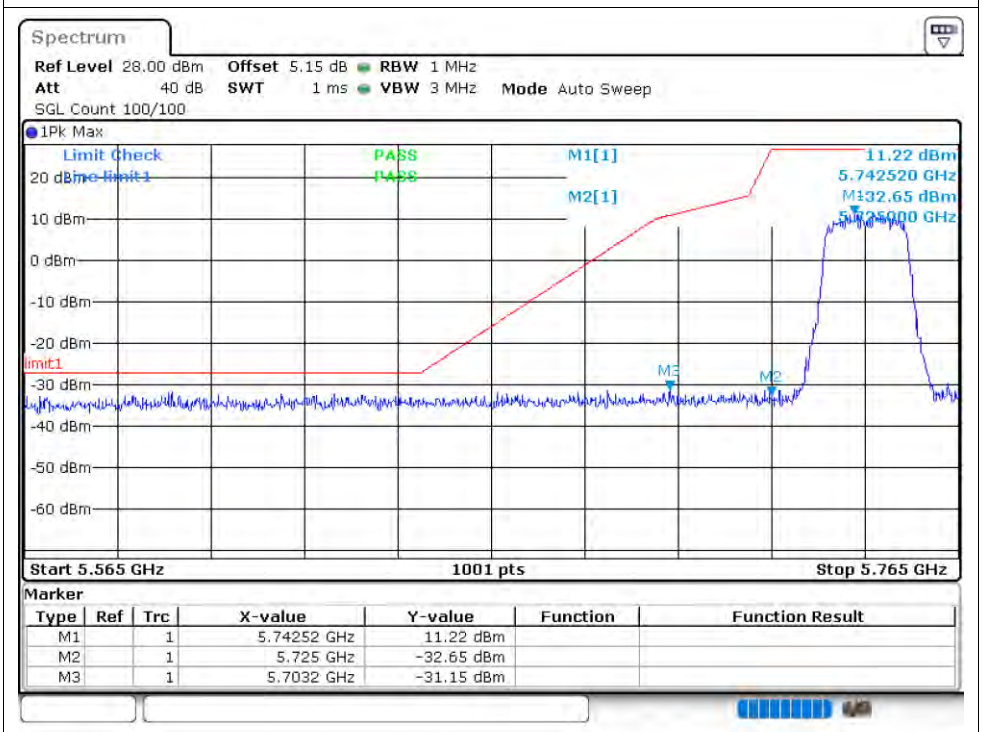
Band Edge NVNT ac20 5745MHz Low Ant1



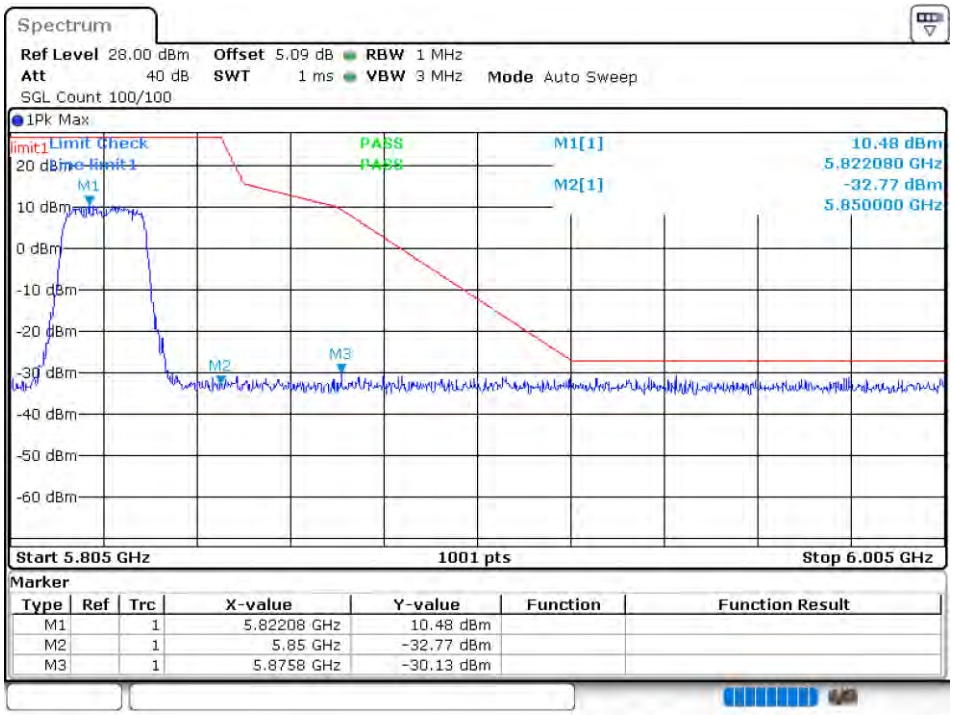
Band Edge NVNT ac20 5825MHz High Ant1



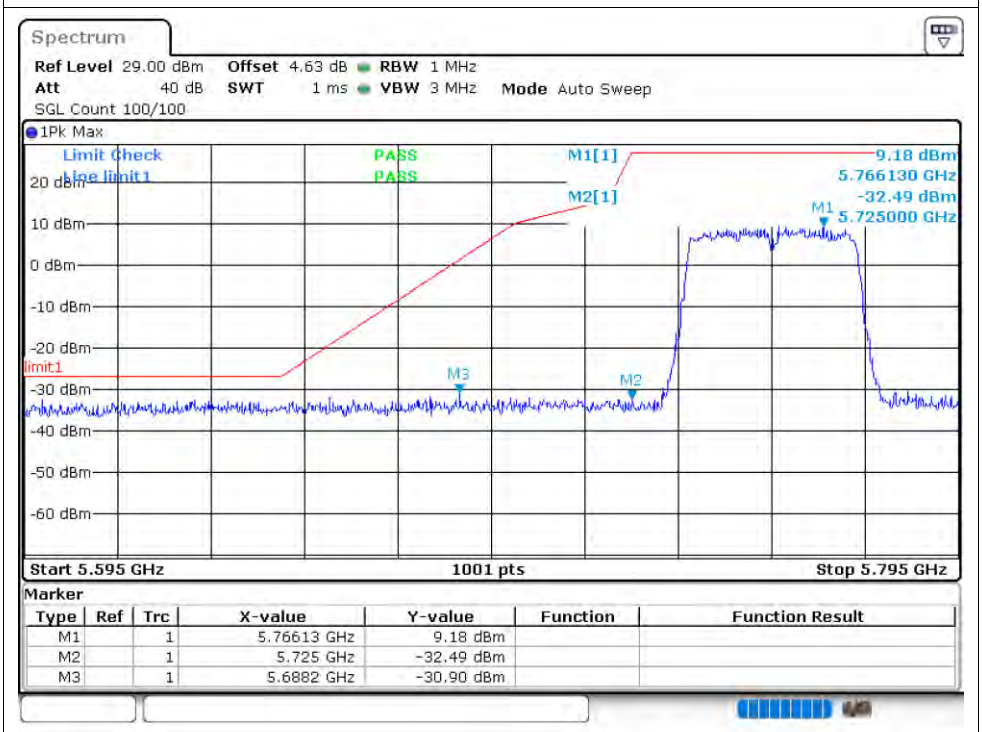
Band Edge NVNT ac20 5745MHz Low Ant2



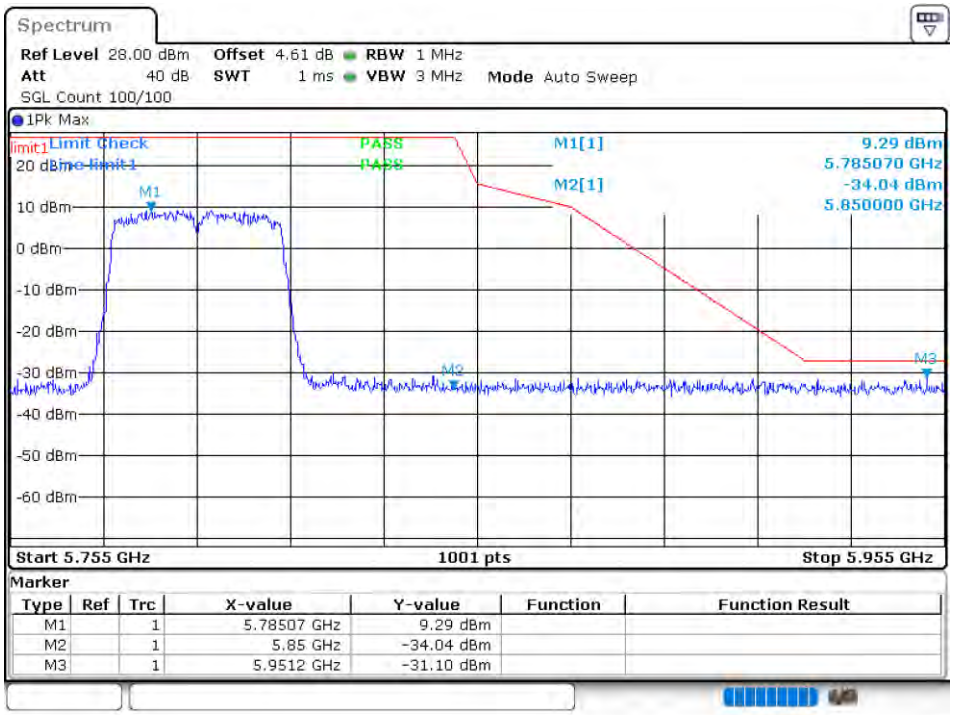
Band Edge NVNT ac20 5825MHz High Ant2



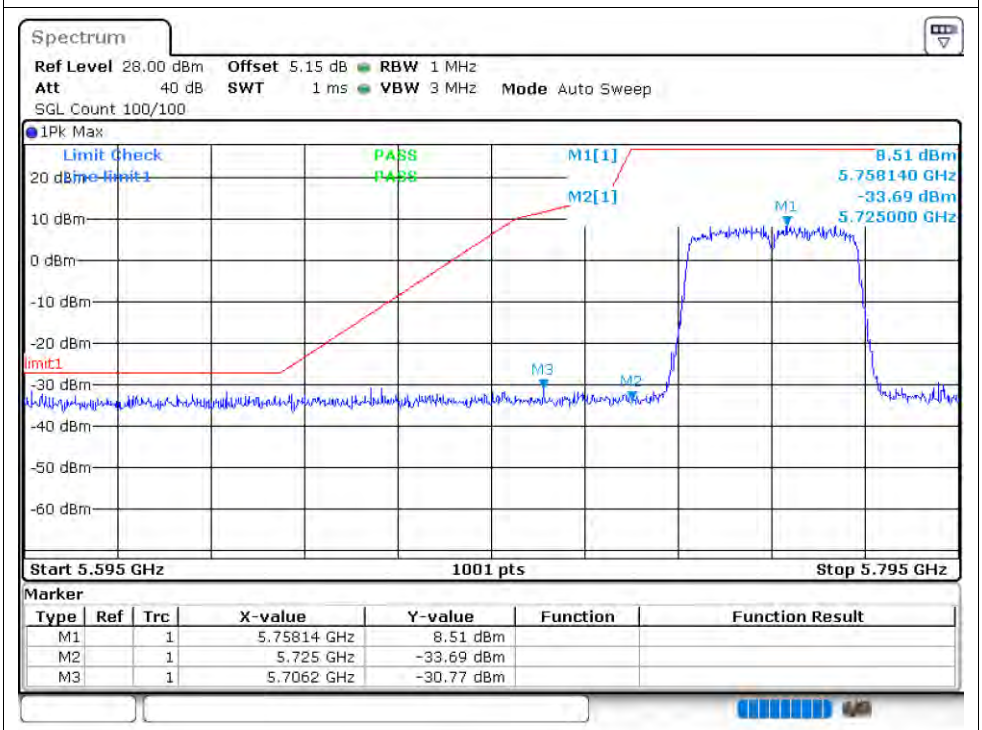
Band Edge NVNT ac40 5755MHz Low Ant1



Band Edge NVNT ac40 5795MHz High Ant1



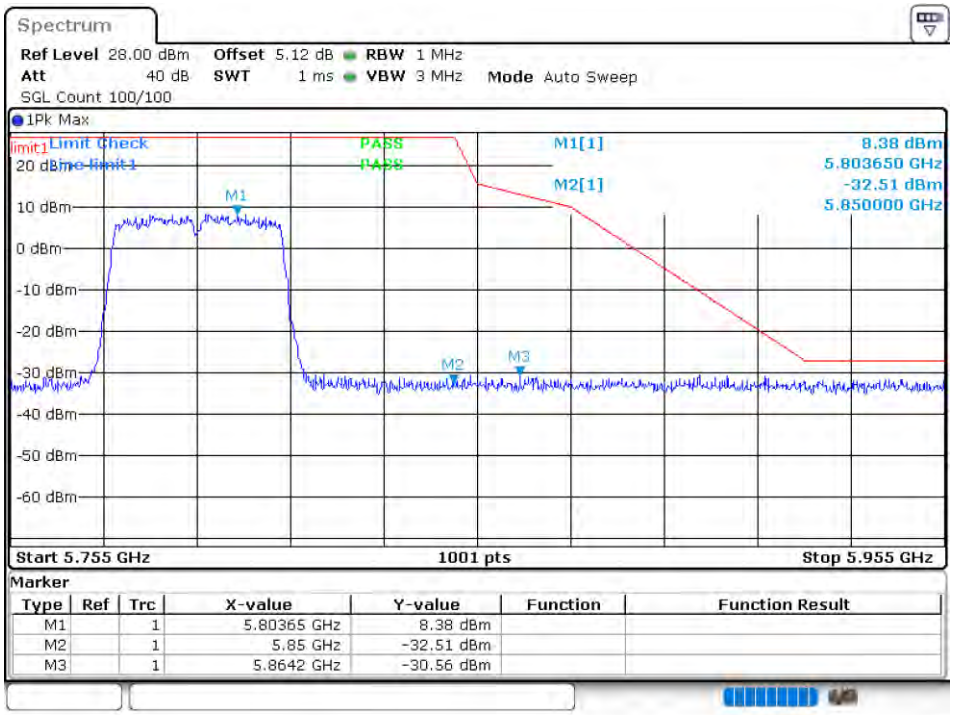
Band Edge NVNT ac40 5755MHz Low Ant2



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.75814 GHz	8.51 dBm		
M2		1	5.725 GHz	-33.69 dBm		
M3		1	5.7062 GHz	-30.77 dBm		

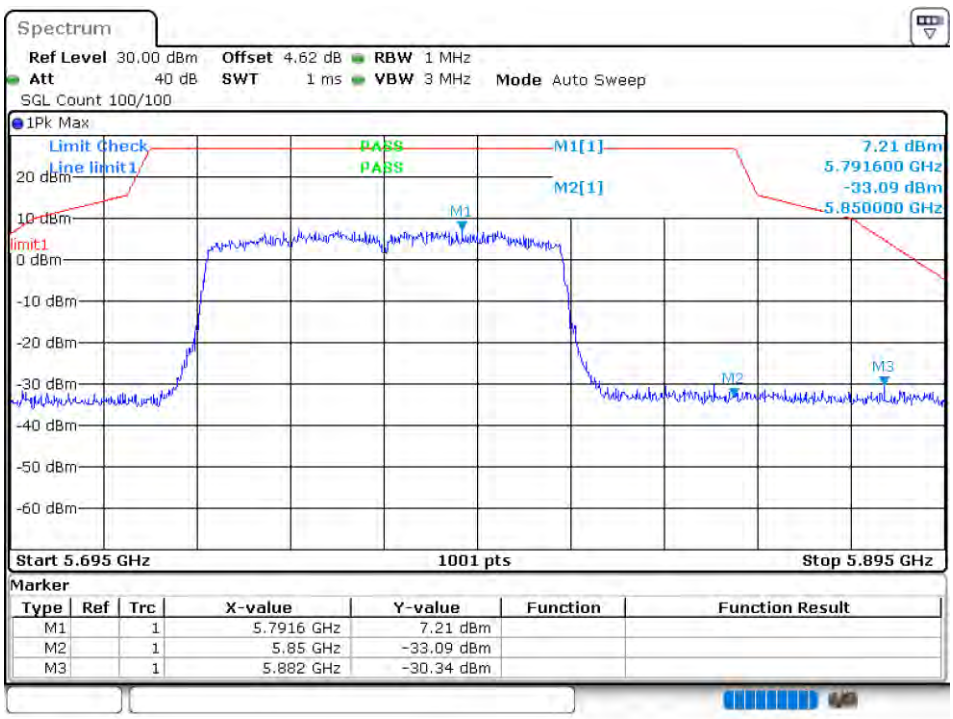
Band Edge NVNT ac40 5795MHz High Ant2



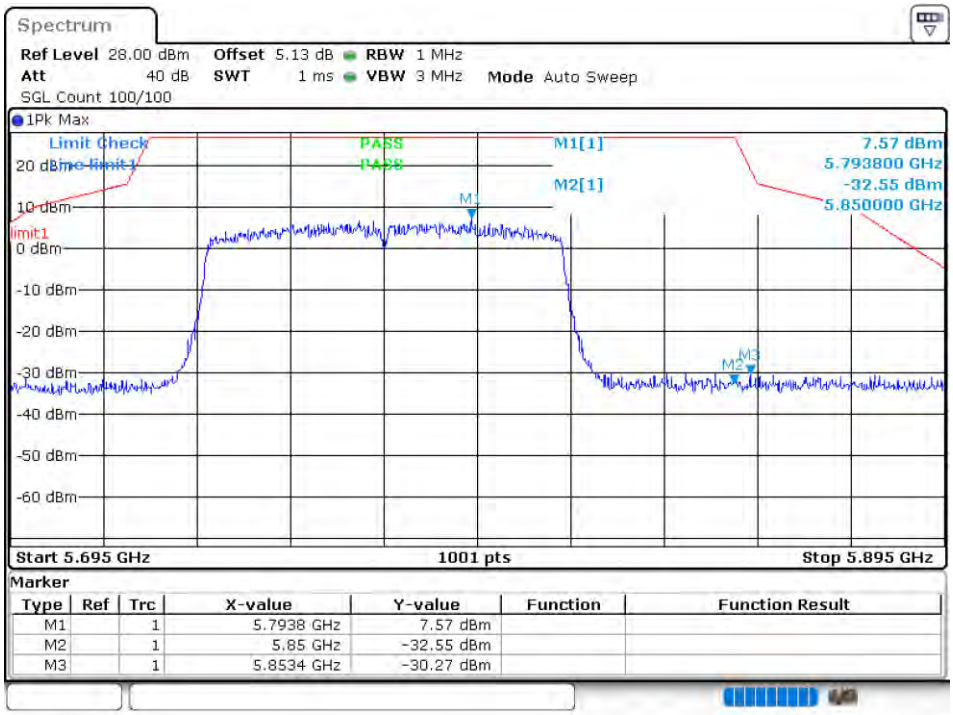
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.80365 GHz	8.38 dBm		
M2		1	5.85 GHz	-32.51 dBm		
M3		1	5.8642 GHz	-30.56 dBm		

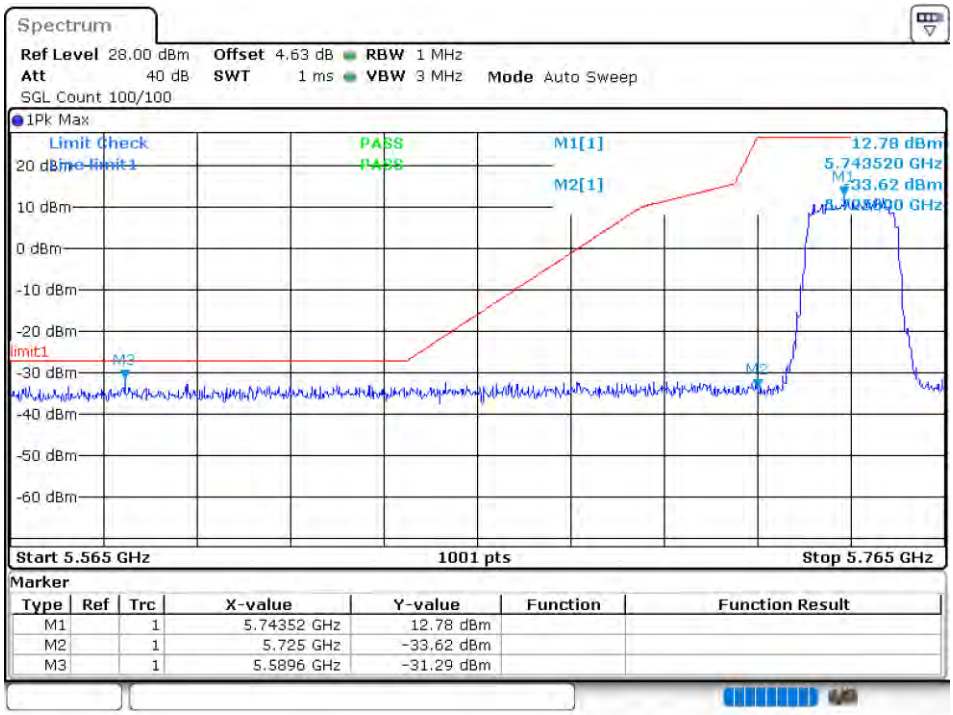
Band Edge NVNT ac80 5775MHz High Ant1



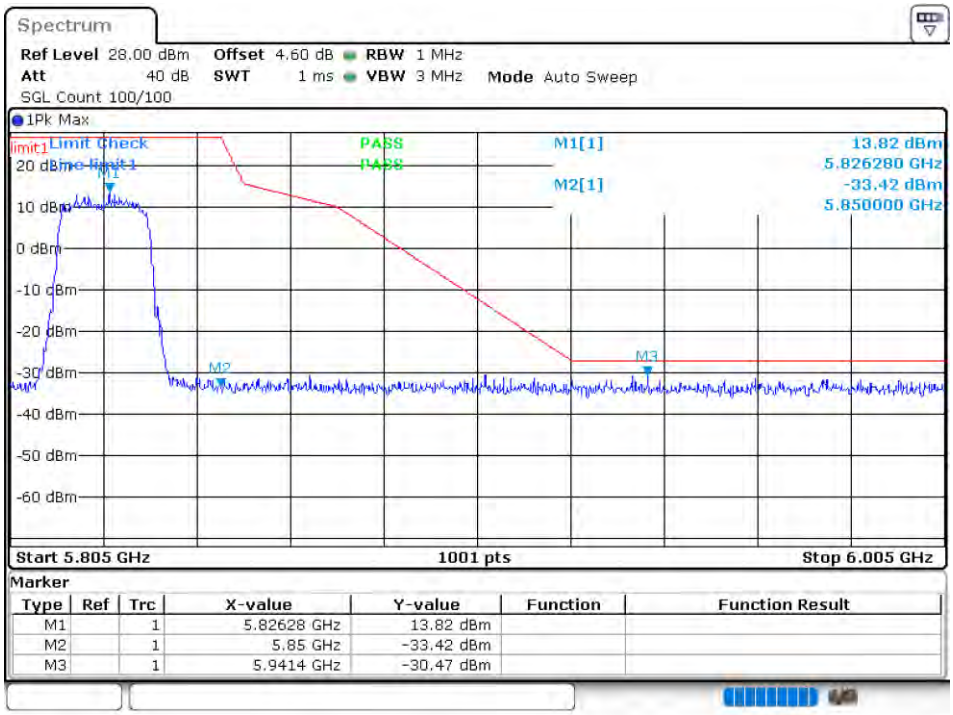
Band Edge NVNT ac80 5775MHz High Ant2



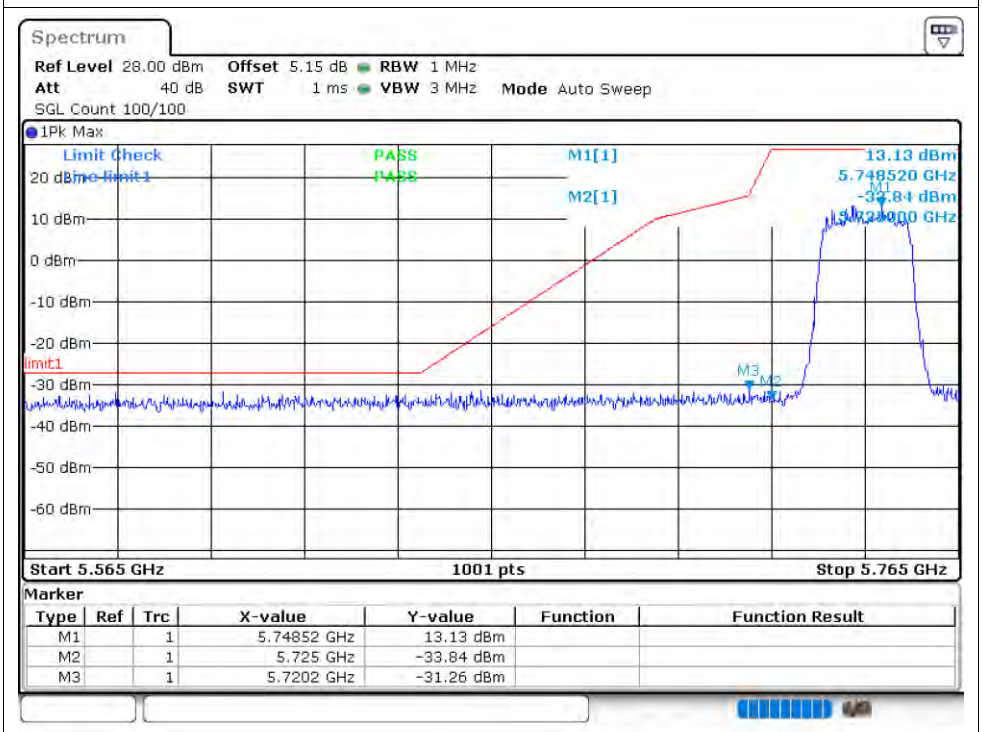
Band Edge NVNT ax20 5745MHz Low Ant1



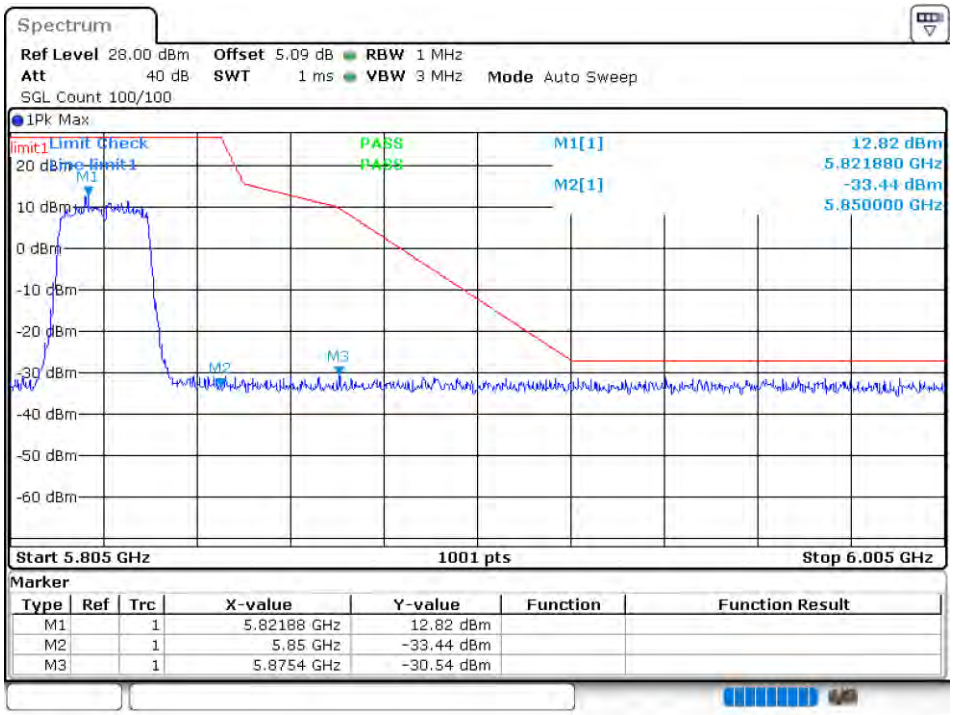
Band Edge NVNT ax20 5825MHz High Ant1



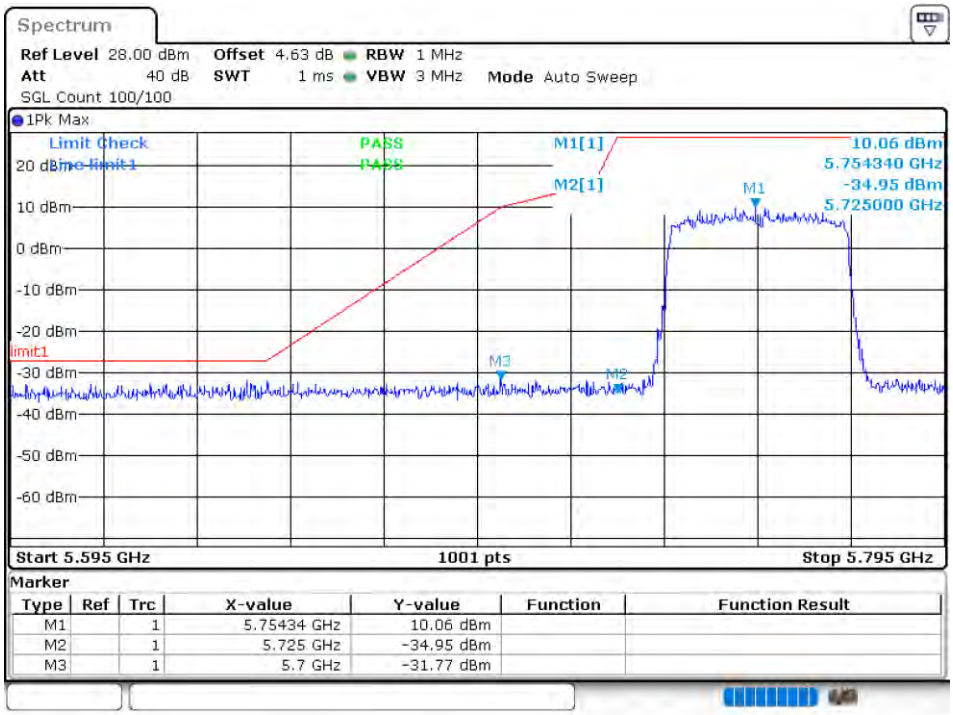
Band Edge NVNT ax20 5745MHz Low Ant2



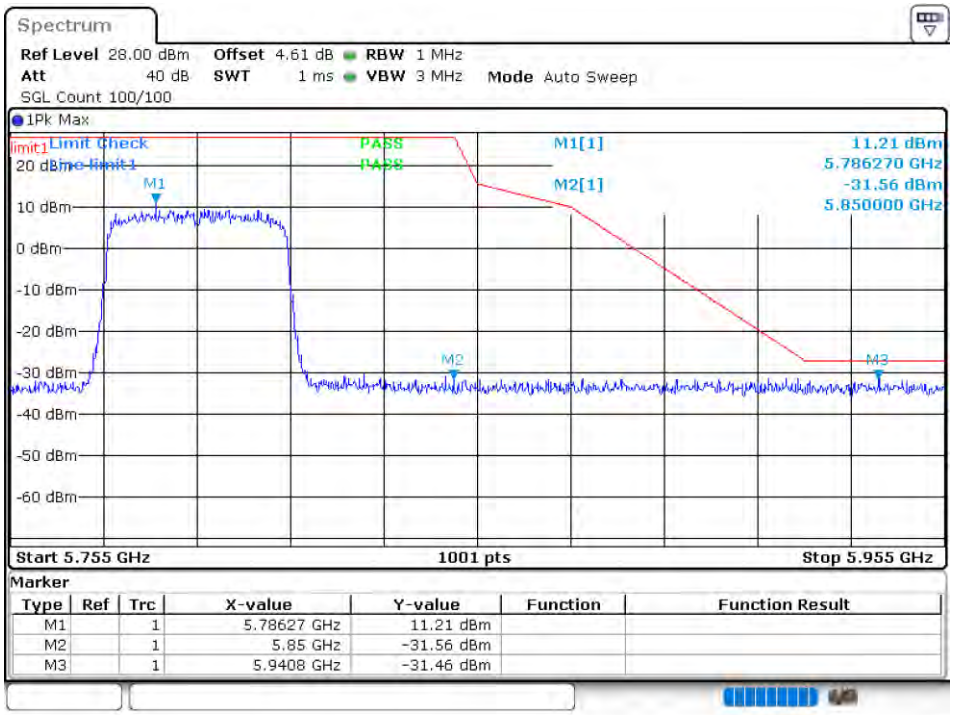
Band Edge NVNT ax20 5825MHz High Ant2



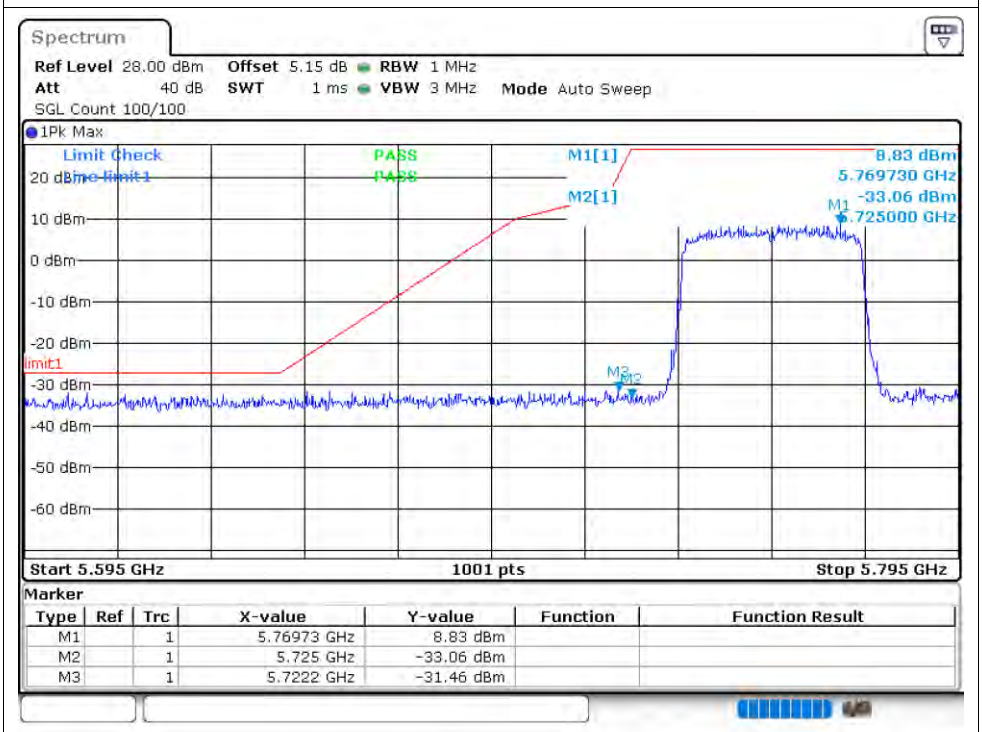
Band Edge NVNT ax40 5755MHz Low Ant1



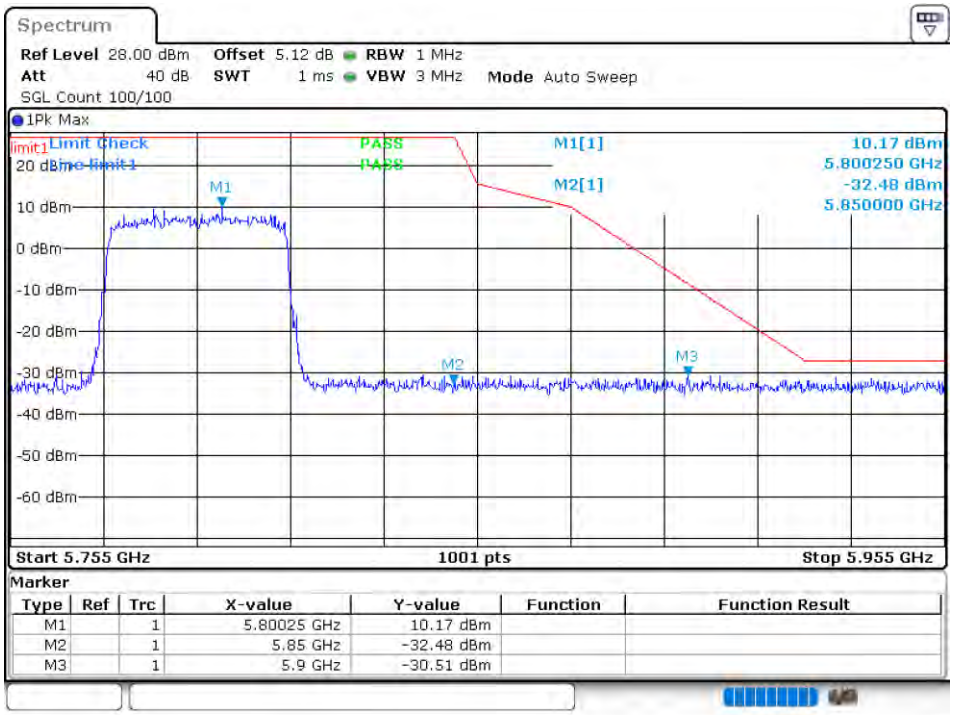
Band Edge NVNT ax40 5795MHz High Ant1



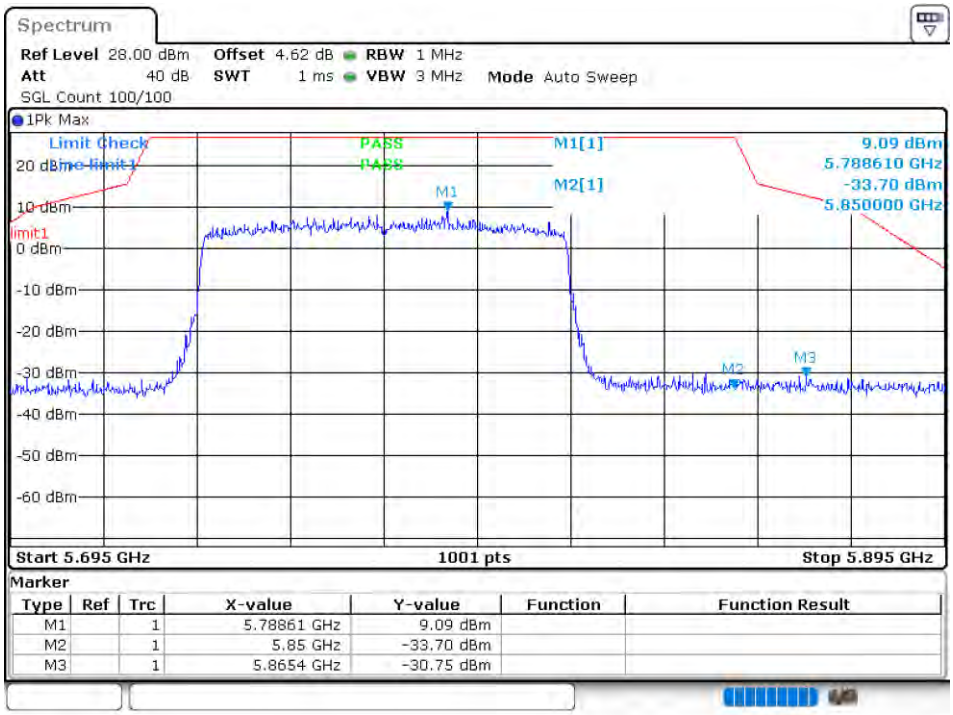
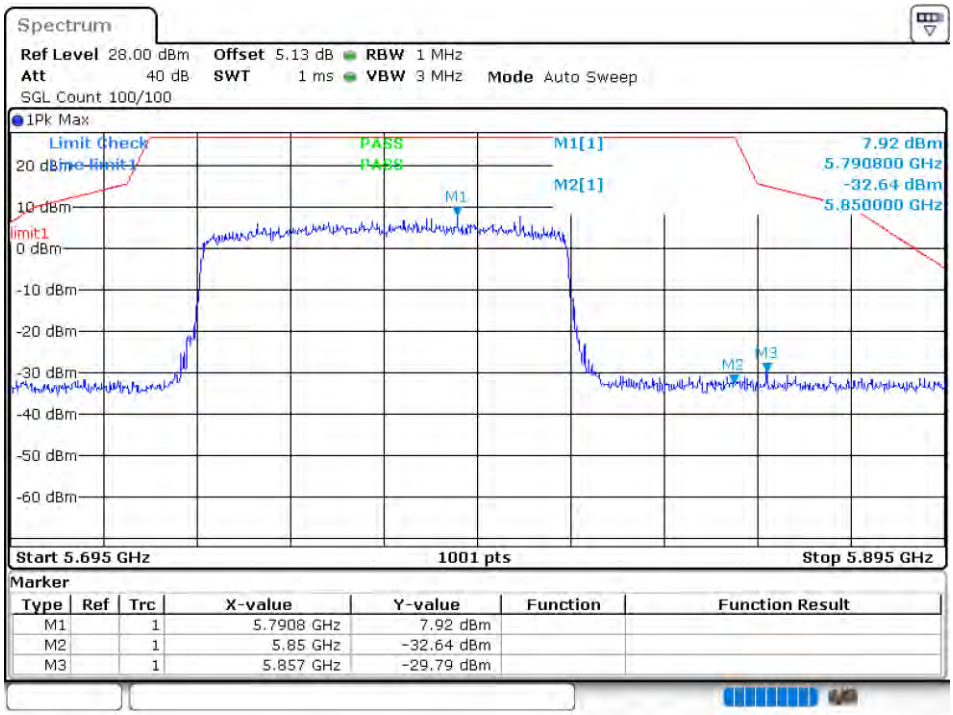
Band Edge NVNT ax40 5755MHz Low Ant2



Band Edge NVNT ax40 5795MHz High Ant2



Band Edge NVNT ax80 5775MHz High Ant1



Band Edge NVNT ax80 5775MHz High Ant2