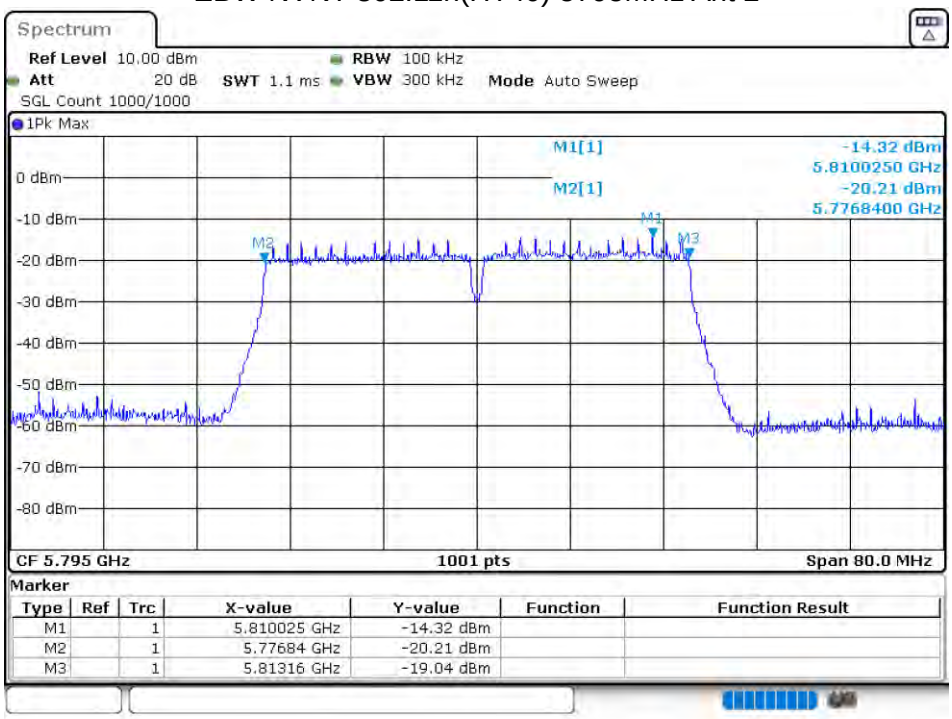
EBW NVNT 802.11n(HT40) 5795MHz Ant 2



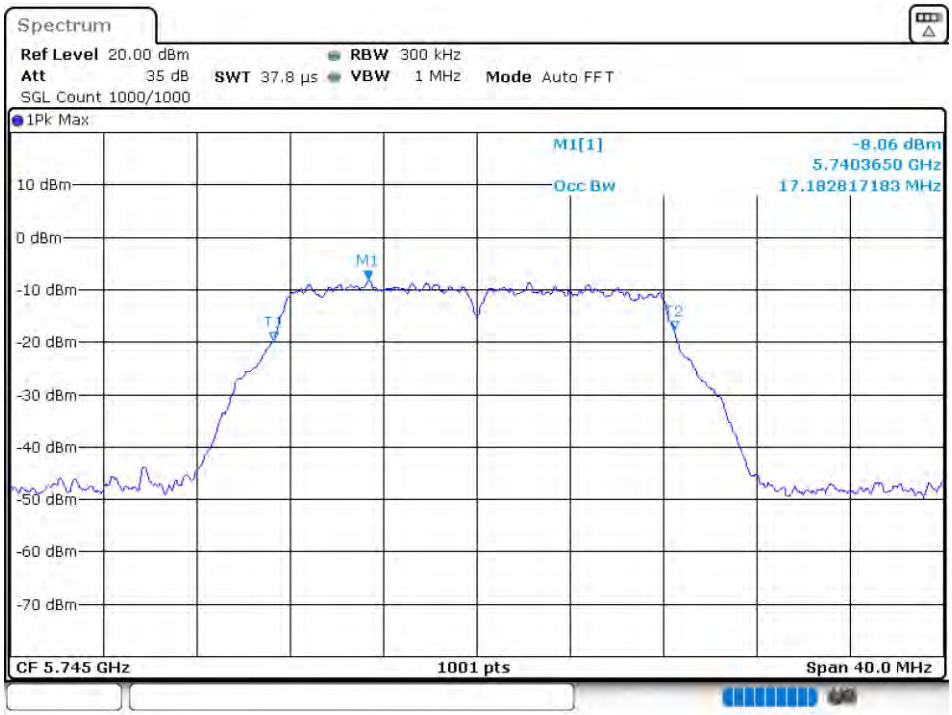
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.810025 GHz	-14.32 dBm		
M2		1	5.77684 GHz	-20.21 dBm		
M3		1	5.81316 GHz	-19.04 dBm		

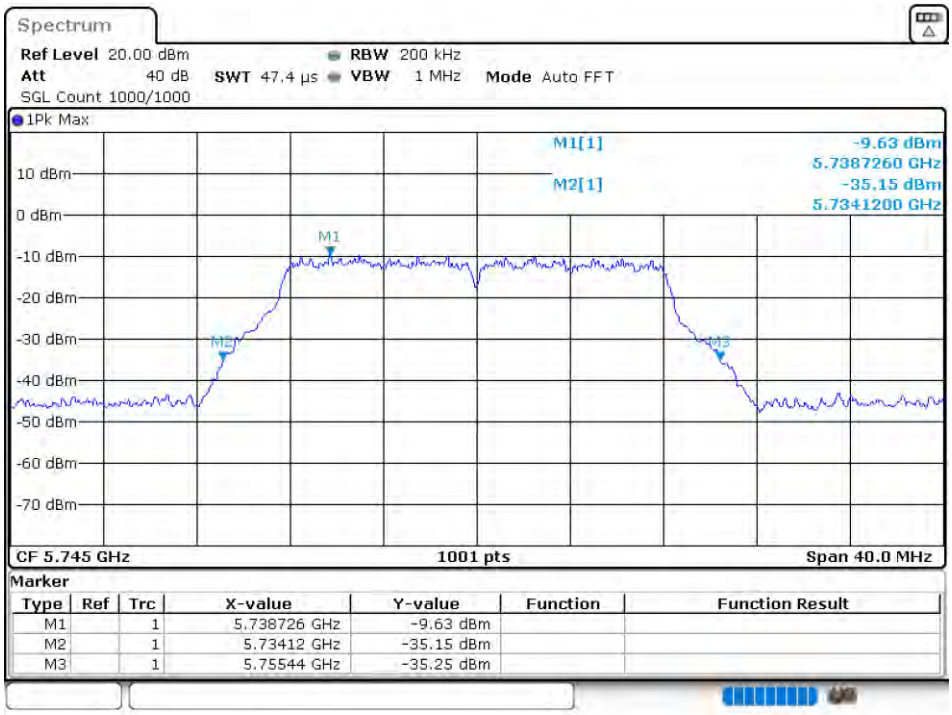
11.4.4 OCCUPIED CHANNEL BANDWIDTH

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	-26 dB Bandwidth (MHz)	Verdict
NVNT	802.11a	5745	Ant 1	17.1828	21.32	Pass
NVNT	802.11a	5785	Ant 1	17.2627	21.56	Pass
NVNT	802.11a	5825	Ant 1	16.983	21.4	Pass
NVNT	802.11a	5745	Ant 2	17.1429	21.6	Pass
NVNT	802.11a	5785	Ant 2	17.2627	21.76	Pass
NVNT	802.11a	5825	Ant 2	17.1029	21.56	Pass
NVNT	802.11ac20	5745	Ant 1	18.1419	21.6	Pass
NVNT	802.11ac20	5785	Ant 1	18.1818	21.68	Pass
NVNT	802.11ac20	5825	Ant 1	18.2218	22	Pass
NVNT	802.11ac20	5745	Ant 2	18.1818	21.8	Pass
NVNT	802.11ac20	5785	Ant 2	18.1419	21.88	Pass
NVNT	802.11ac20	5825	Ant 2	18.0619	21.88	Pass
NVNT	802.11ac40	5755	Ant 1	36.5235	40.56	Pass
NVNT	802.11ac40	5795	Ant 1	36.5235	40.56	Pass
NVNT	802.11ac40	5755	Ant 2	36.6034	40.56	Pass
NVNT	802.11ac40	5795	Ant 2	36.6034	40.48	Pass
NVNT	802.11ac80	5775	Ant 1	76.0839	82.72	Pass
NVNT	802.11ac80	5775	Ant 2	76.0839	82.72	Pass
NVNT	802.11n(HT20)	5745	Ant 1	18.1419	21.68	Pass
NVNT	802.11n(HT20)	5785	Ant 1	18.2218	21.56	Pass
NVNT	802.11n(HT20)	5825	Ant 1	18.1419	21.56	Pass
NVNT	802.11n(HT20)	5745	Ant 2	18.1019	21.56	Pass
NVNT	802.11n(HT20)	5785	Ant 2	18.1019	21.68	Pass
NVNT	802.11n(HT20)	5825	Ant 2	18.1818	21.8	Pass
NVNT	802.11n(HT40)	5755	Ant 1	36.5235	40.56	Pass
NVNT	802.11n(HT40)	5795	Ant 1	36.4436	40.16	Pass
NVNT	802.11n(HT40)	5755	Ant 2	36.5235	40.32	Pass
NVNT	802.11n(HT40)	5795	Ant 2	36.4436	40.4	Pass

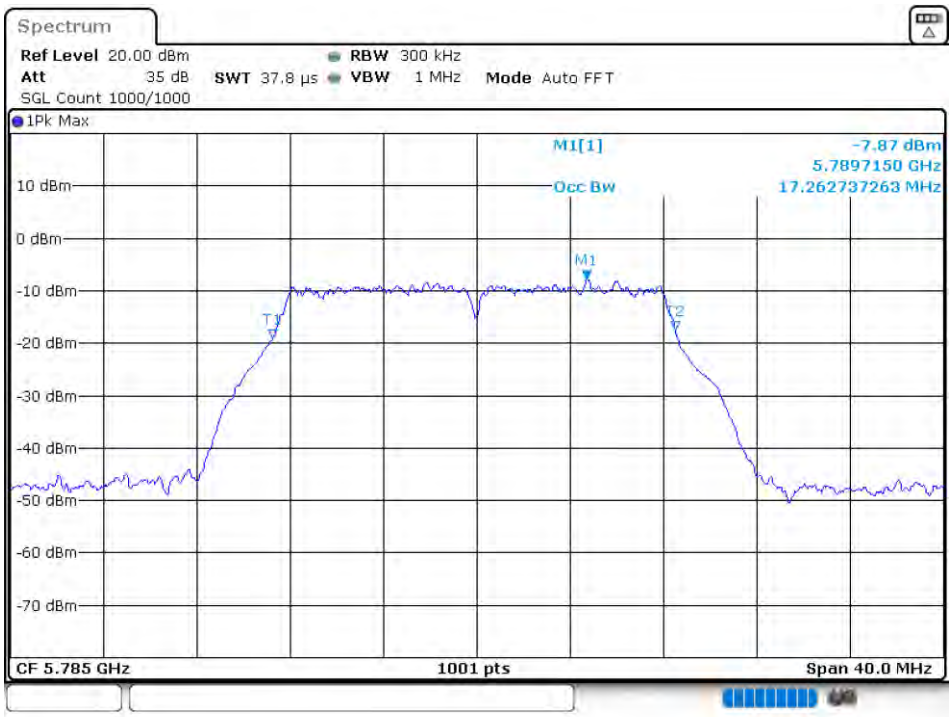
OBW NVNT 802.11a 5745MHz Ant 1



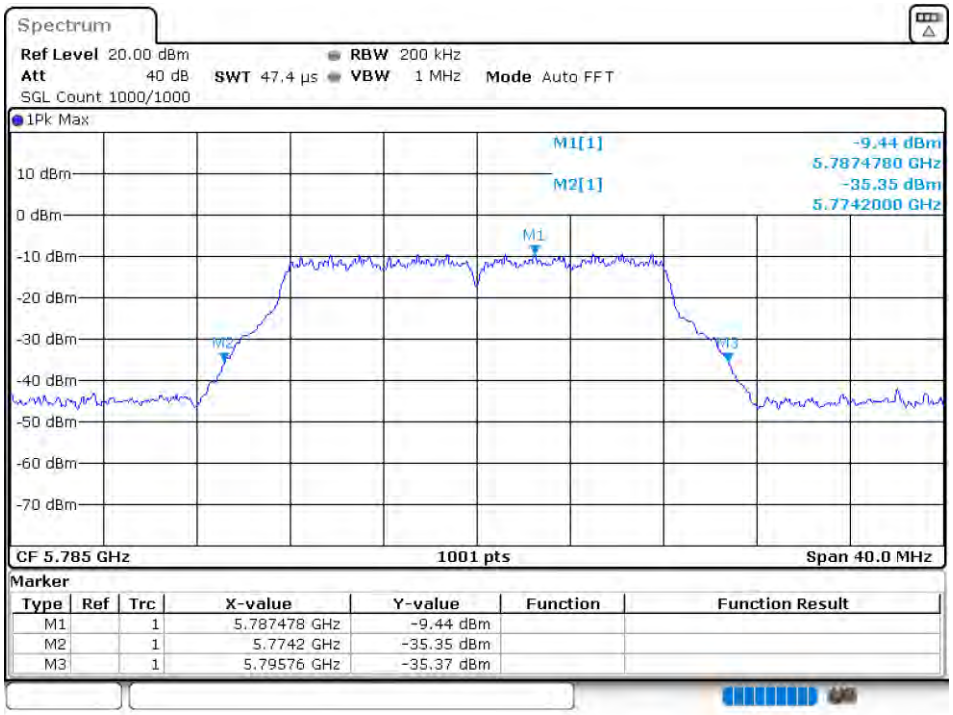
-26 dB BW NVNT 802.11a 5745MHz Ant 1



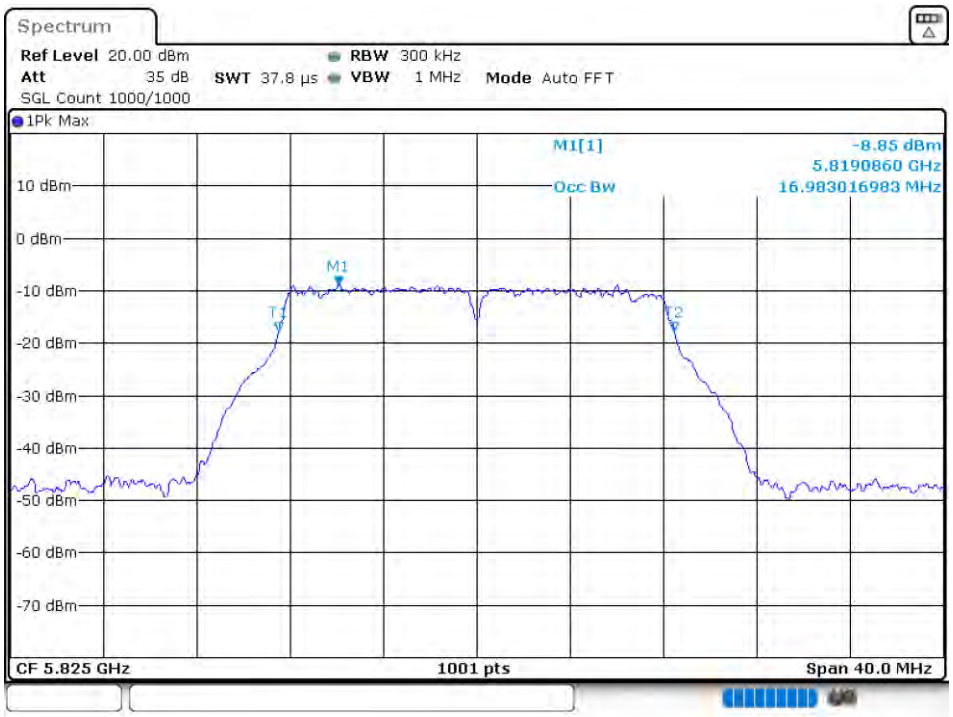
OBW NVNT 802.11a 5785MHz Ant 1



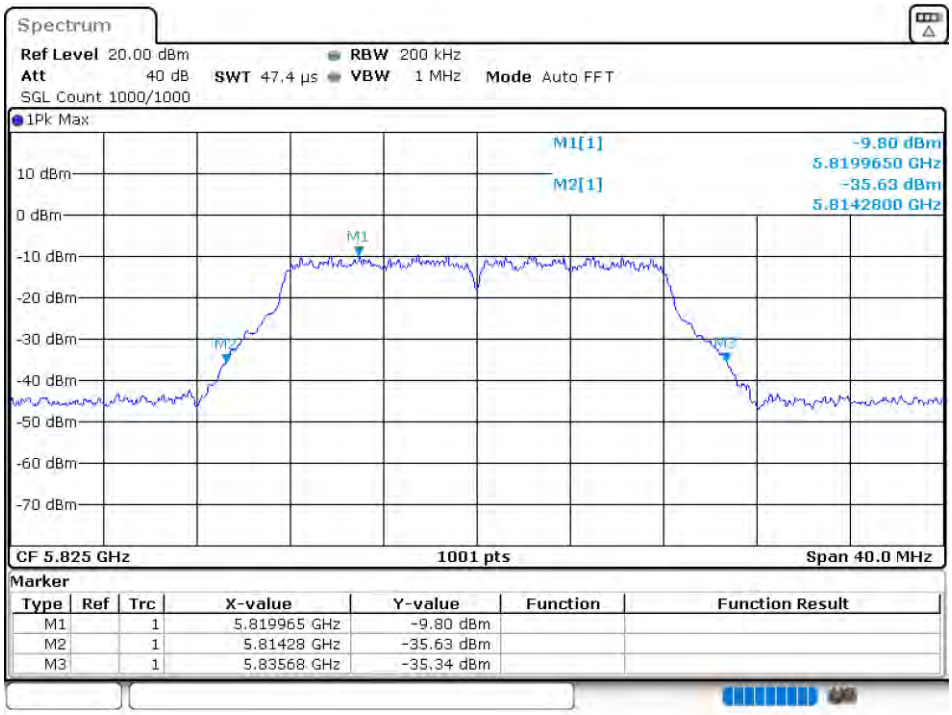
-26 dB BW NVNT 802.11a 5785MHz Ant 1



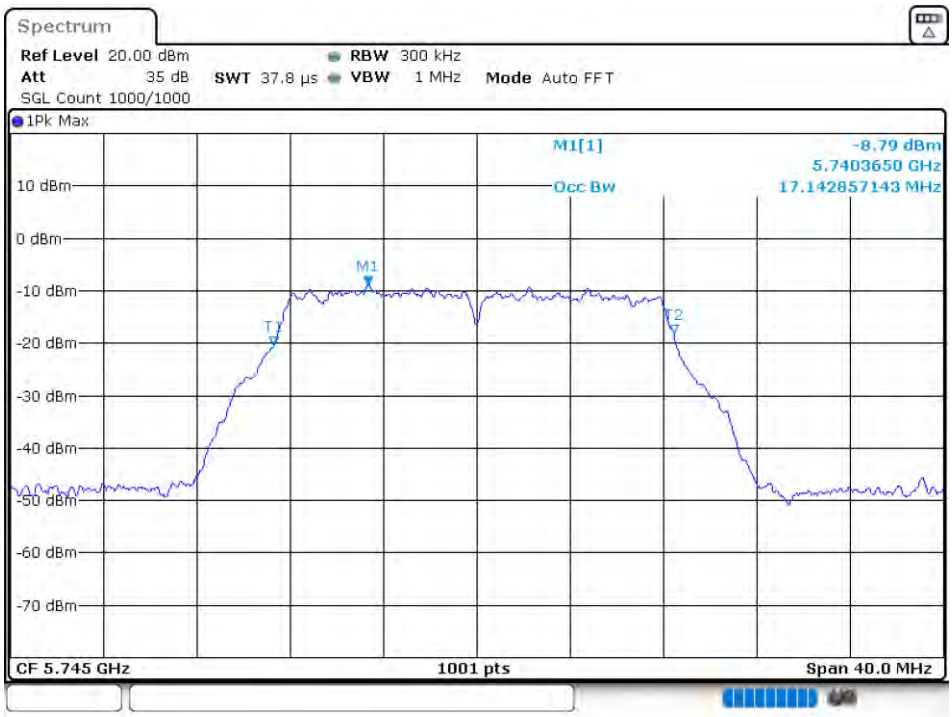
OBW NVNT 802.11a 5825MHz Ant 1



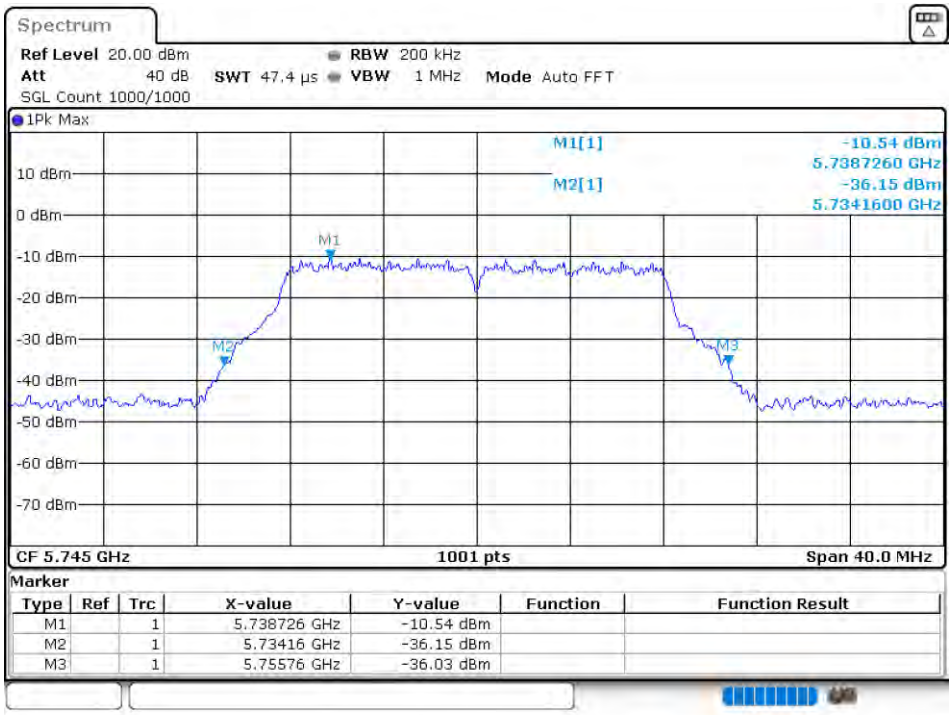
-26 dB BW NVNT 802.11a 5825MHz Ant 1



OBW NVNT 802.11a 5745MHz Ant 2



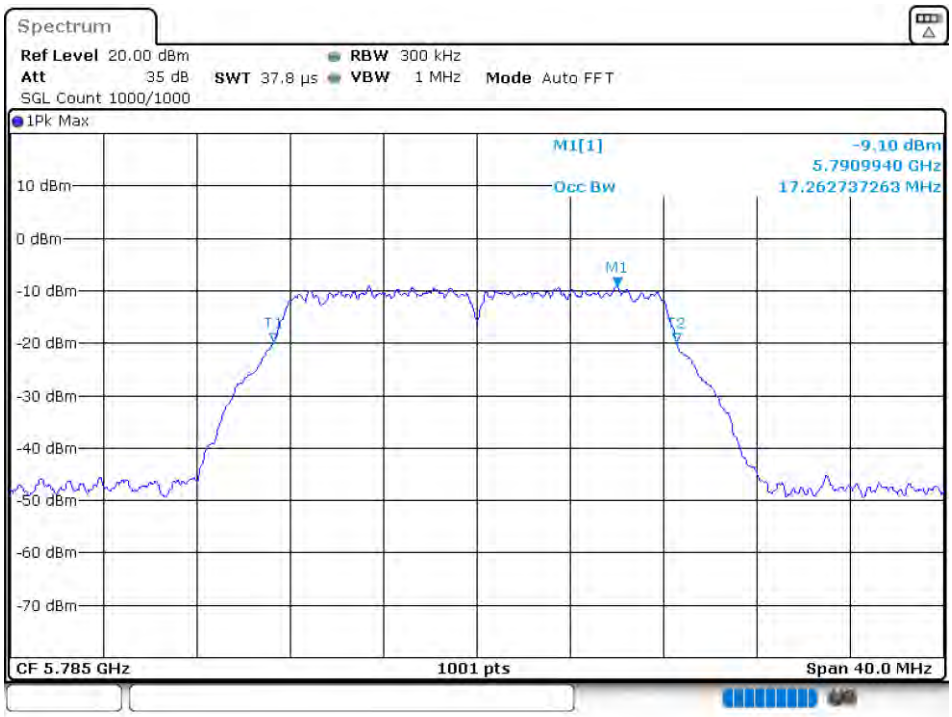
-26 dB BW NVNT 802.11a 5745MHz Ant 2



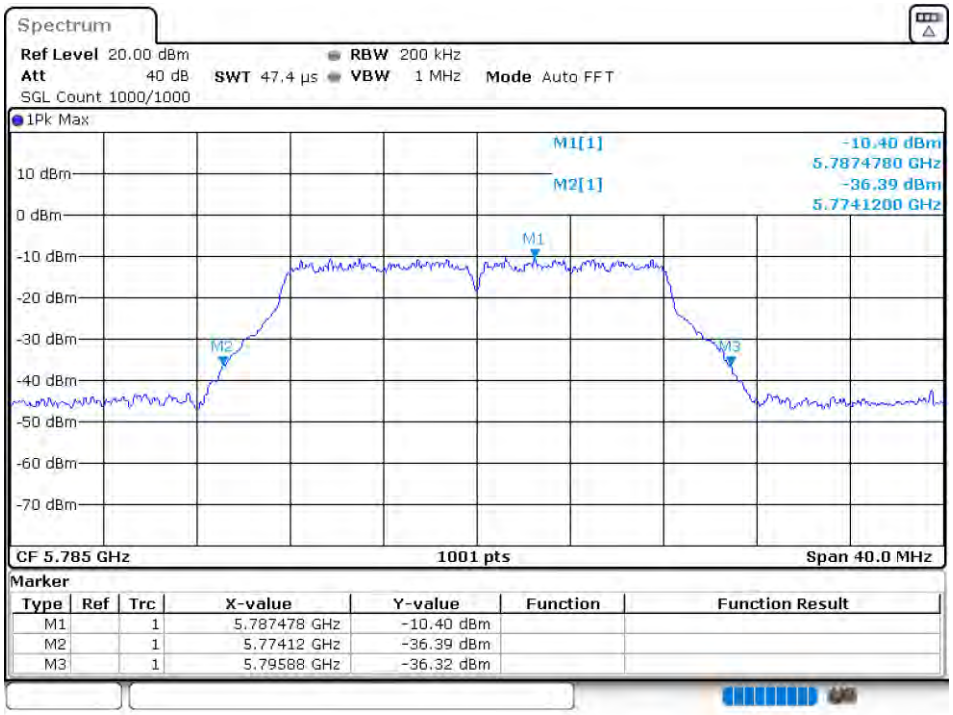
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.738726 GHz	-10.54 dBm		
M2		1	5.73416 GHz	-36.15 dBm		
M3		1	5.75576 GHz	-36.03 dBm		

OBW NVNT 802.11a 5785MHz Ant 2



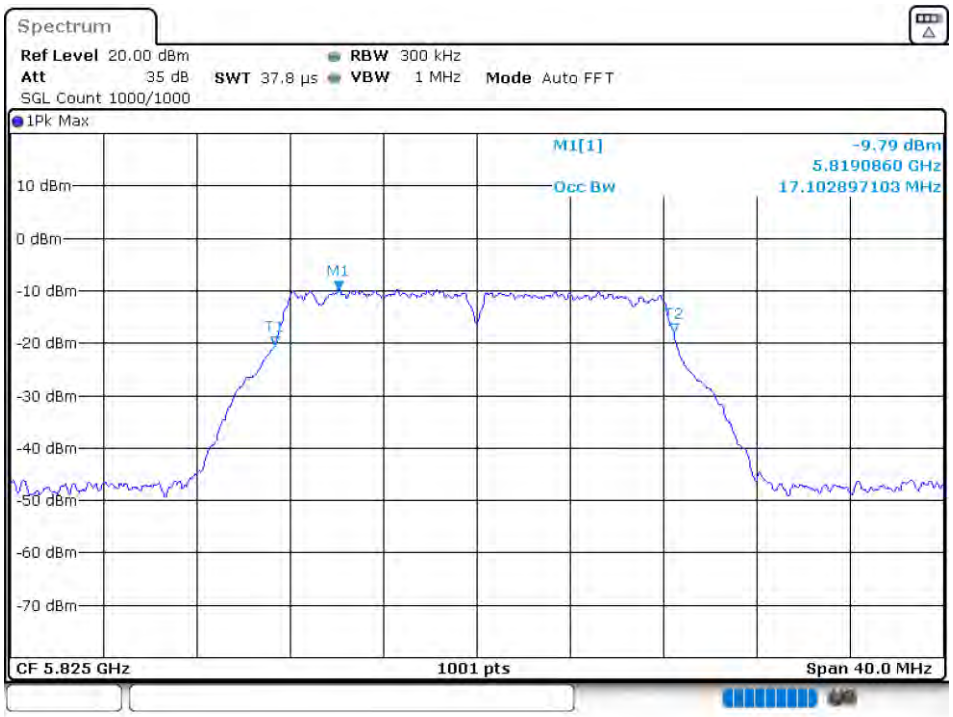
-26 dB BW NVNT 802.11a 5785MHz Ant 2



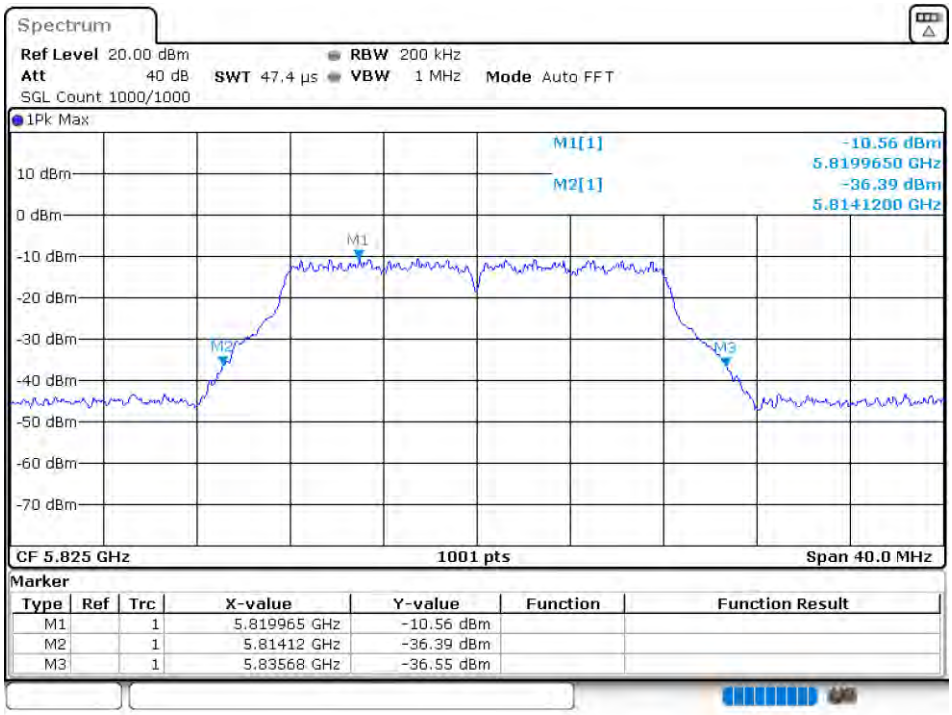
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.787478 GHz	-10.40 dBm		
M2		1	5.77412 GHz	-36.39 dBm		
M3		1	5.79588 GHz	-36.32 dBm		

OBW NVNT 802.11a 5825MHz Ant 2



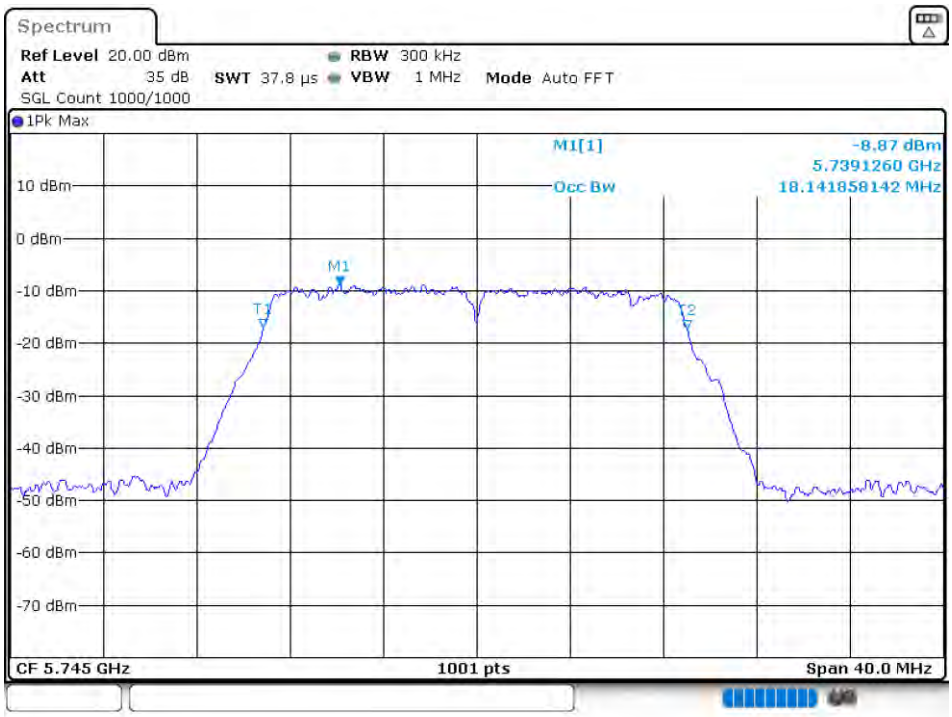
-26 dB BW NVNT 802.11a 5825MHz Ant 2



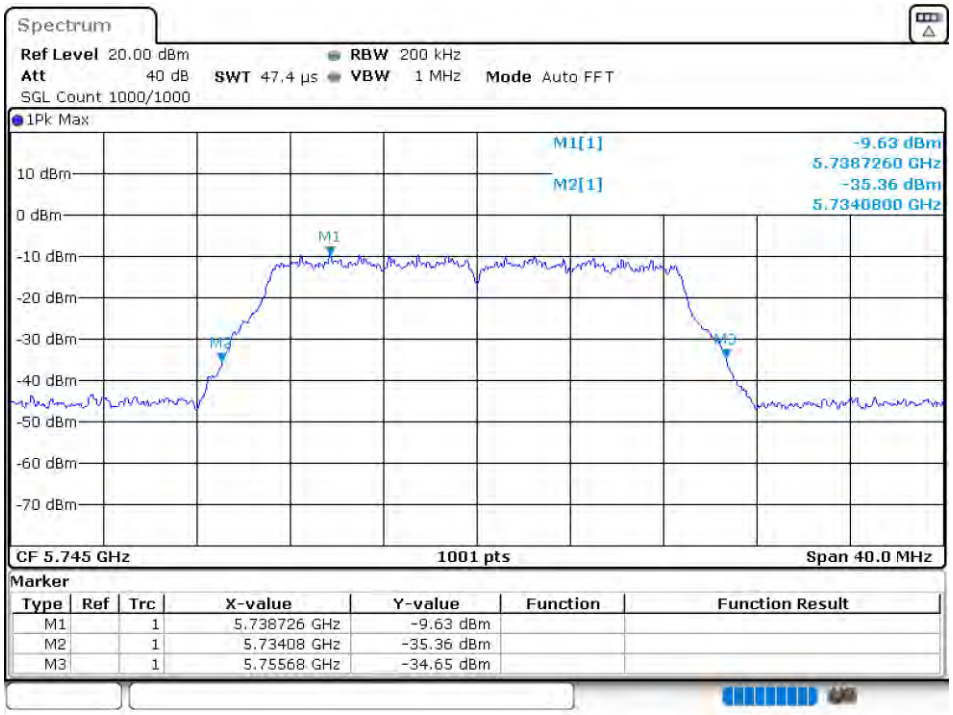
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.819965 GHz	-10.56 dBm		
M2		1	5.81412 GHz	-36.39 dBm		
M3		1	5.83568 GHz	-36.55 dBm		

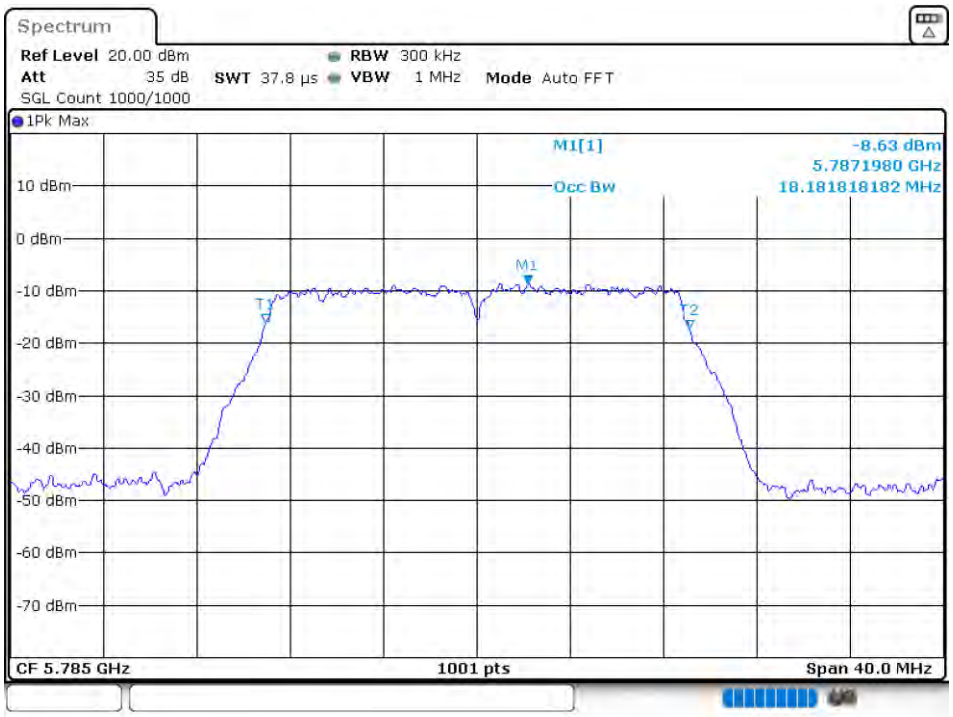
OBW NVNT 802.11ac20 5745MHz Ant 1



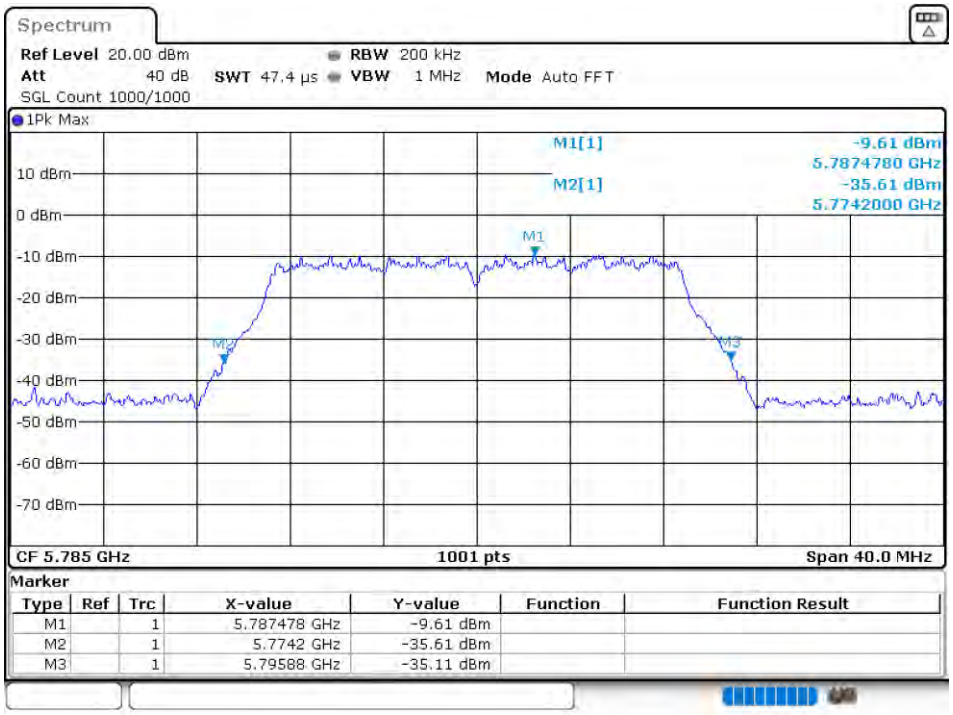
-26 dB BW NVNT 802.11ac20 5745MHz Ant 1



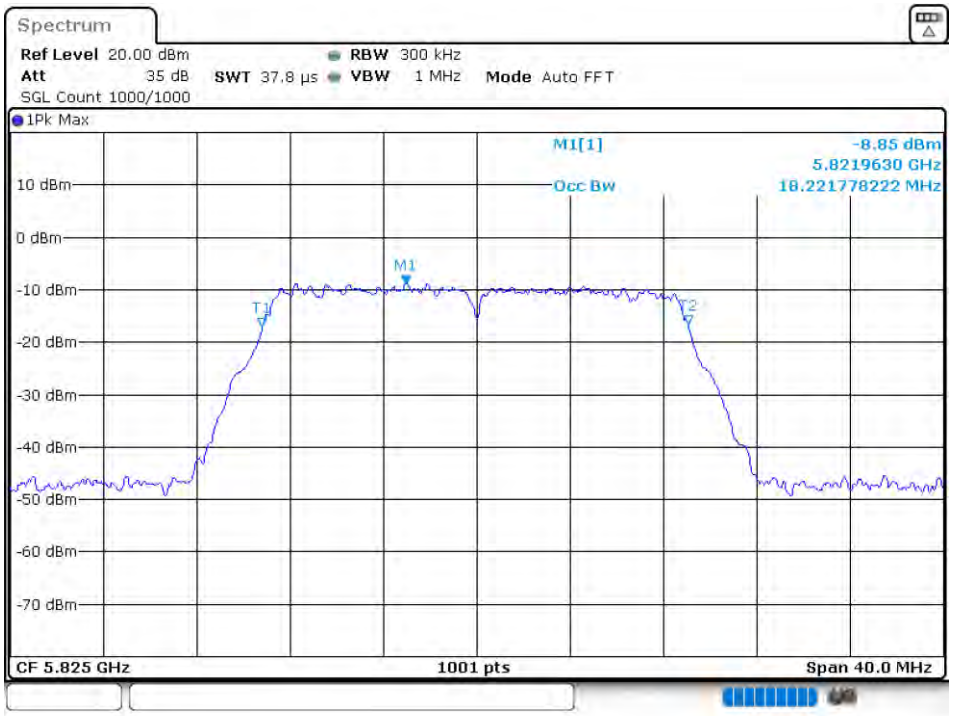
OBW NVNT 802.11ac20 5785MHz Ant 1



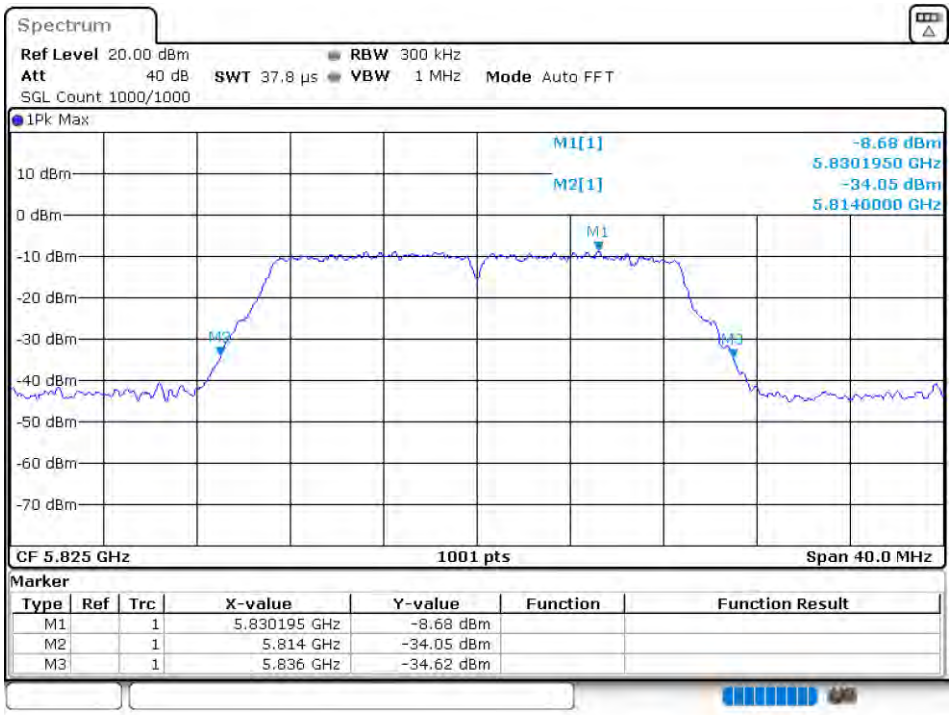
-26 dB BW NVNT 802.11ac20 5785MHz Ant 1



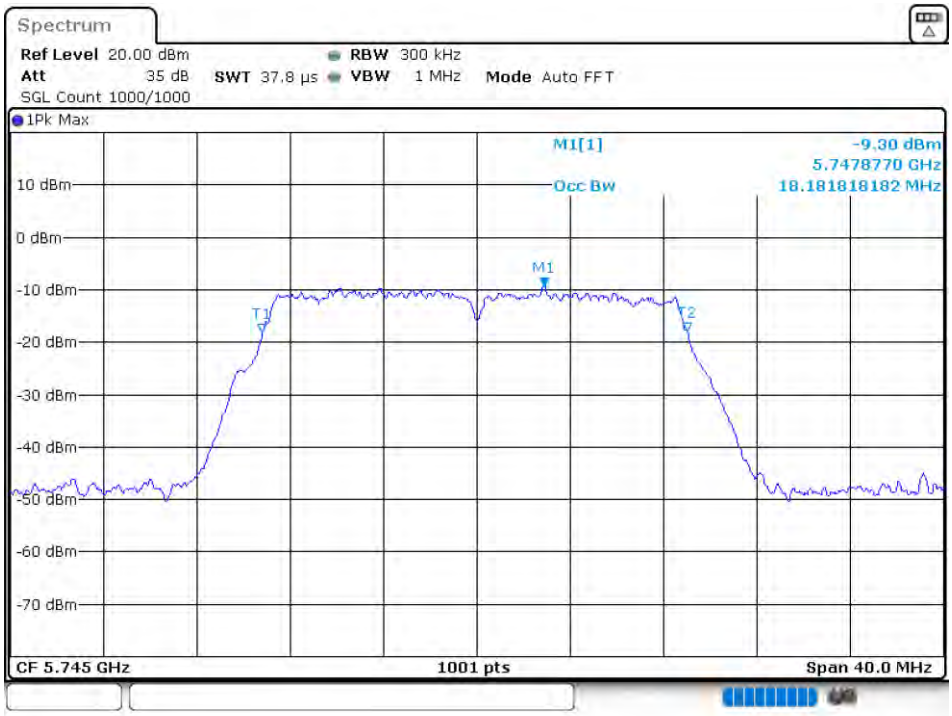
OBW NVNT 802.11ac20 5825MHz Ant 1



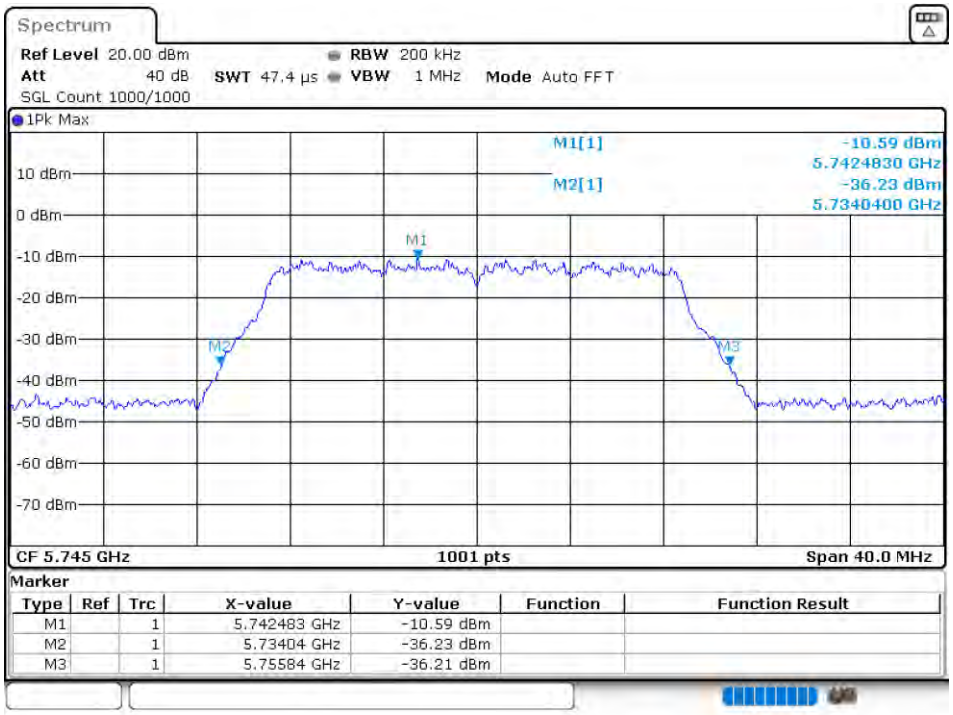
-26 dB BW NVNT 802.11ac20 5825MHz Ant 1



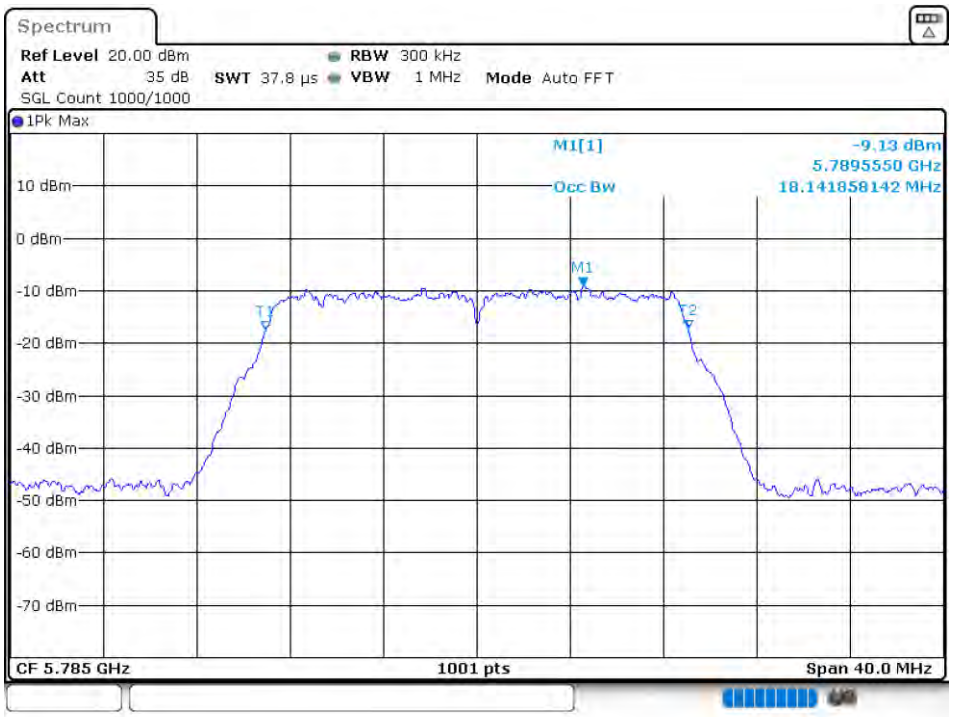
OBW NVNT 802.11ac20 5745MHz Ant 2



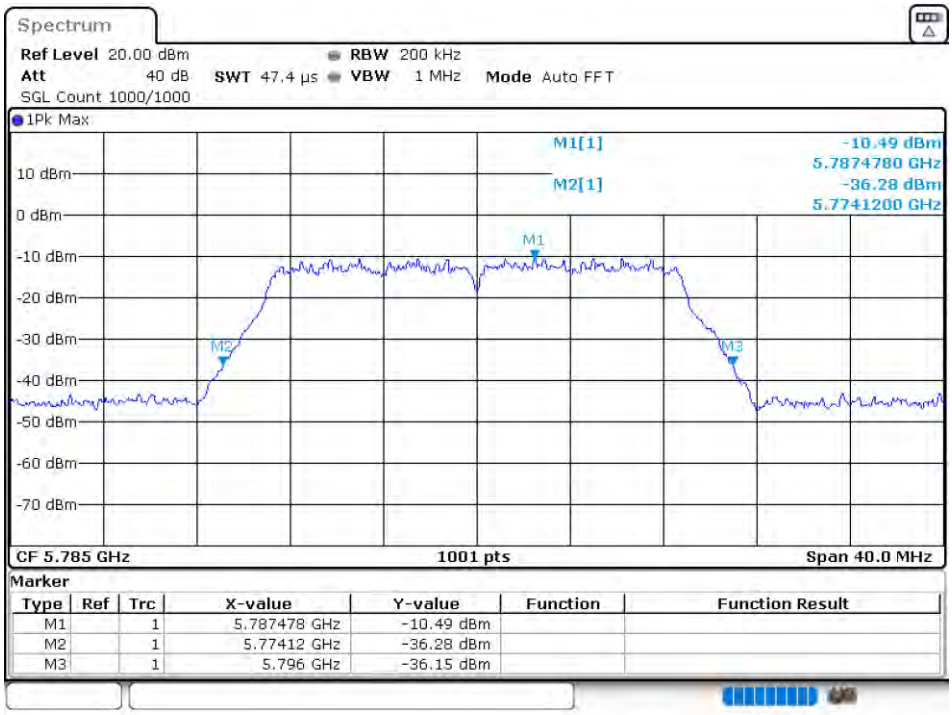
-26 dB BW NVNT 802.11ac20 5745MHz Ant 2



OBW NVNT 802.11ac20 5785MHz Ant 2



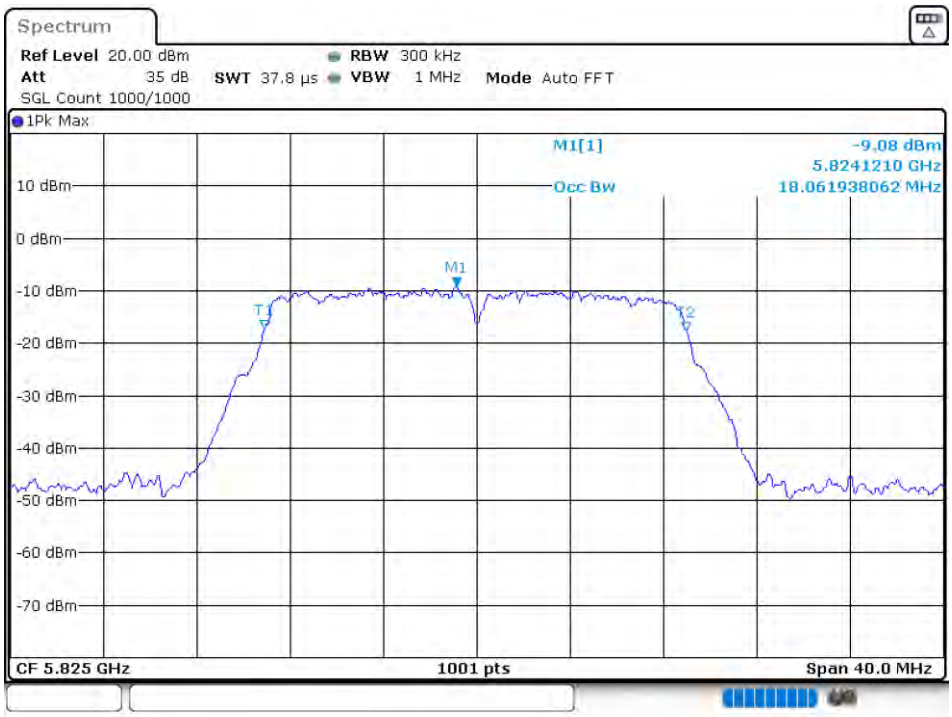
-26 dB BW NVNT 802.11ac20 5785MHz Ant 2



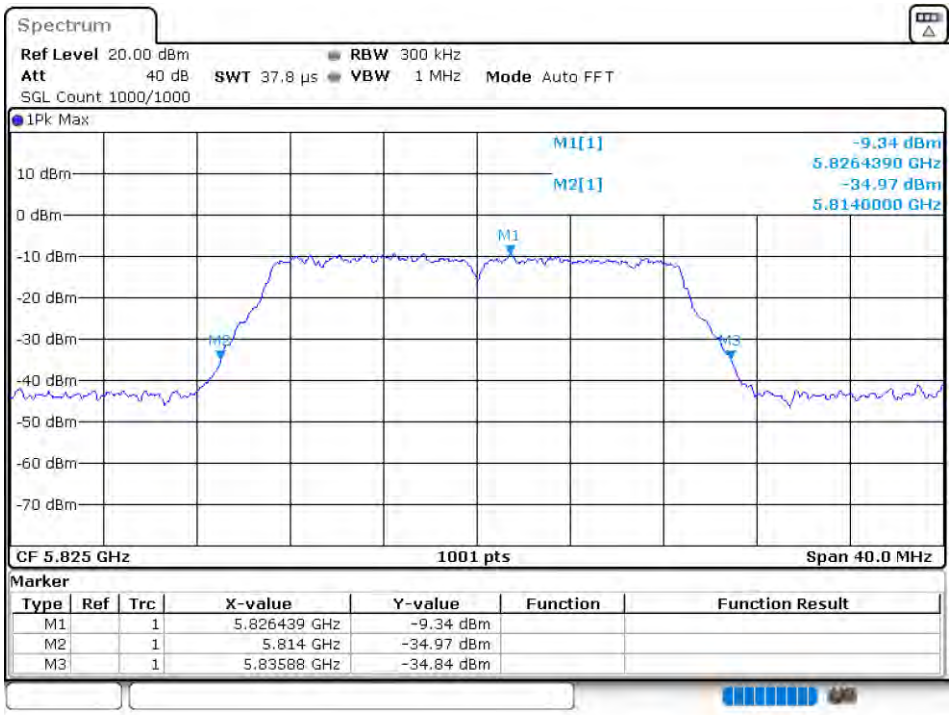
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.787478 GHz	-10.49 dBm		
M2		1	5.77412 GHz	-36.28 dBm		
M3		1	5.796 GHz	-36.15 dBm		

OBW NVNT 802.11ac20 5825MHz Ant 2



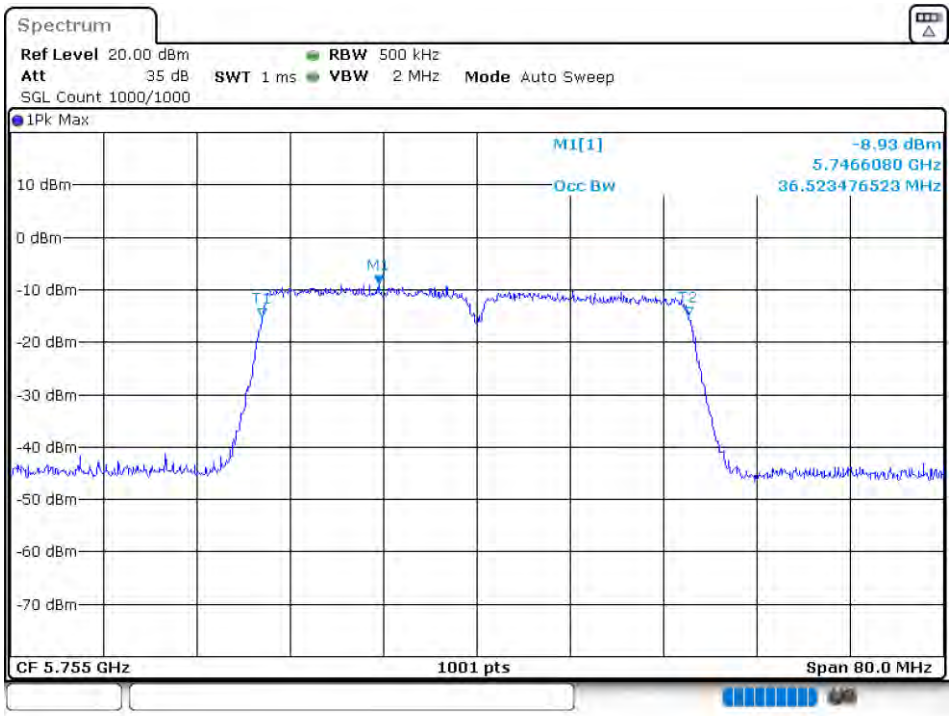
-26 dB BW NVNT 802.11ac20 5825MHz Ant 2



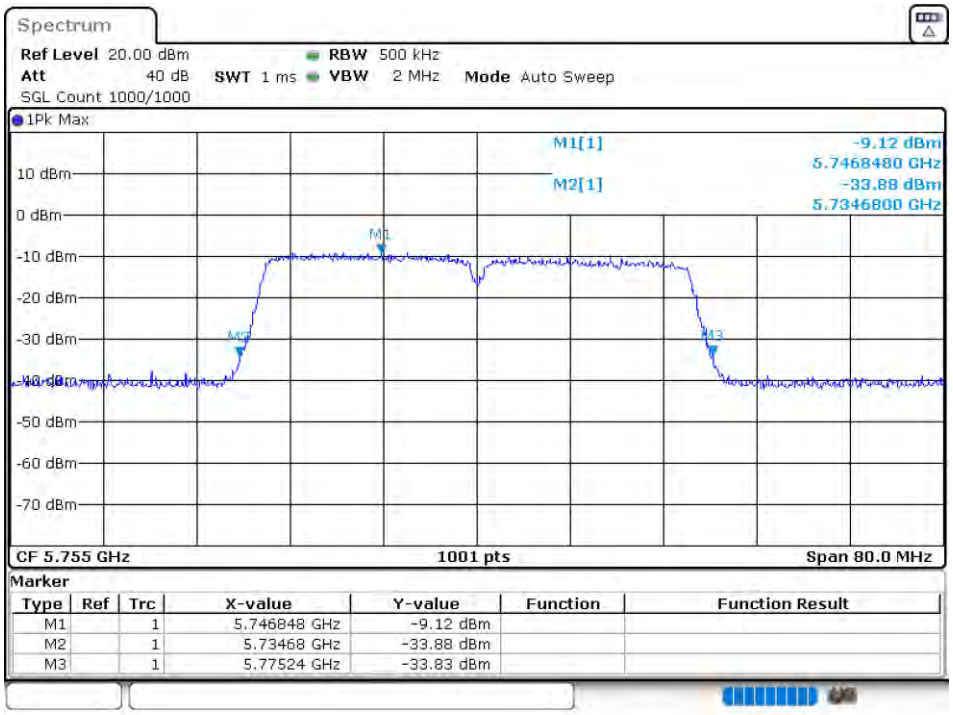
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.826439 GHz	-9.34 dBm		
M2		1	5.814 GHz	-34.97 dBm		
M3		1	5.83588 GHz	-34.84 dBm		

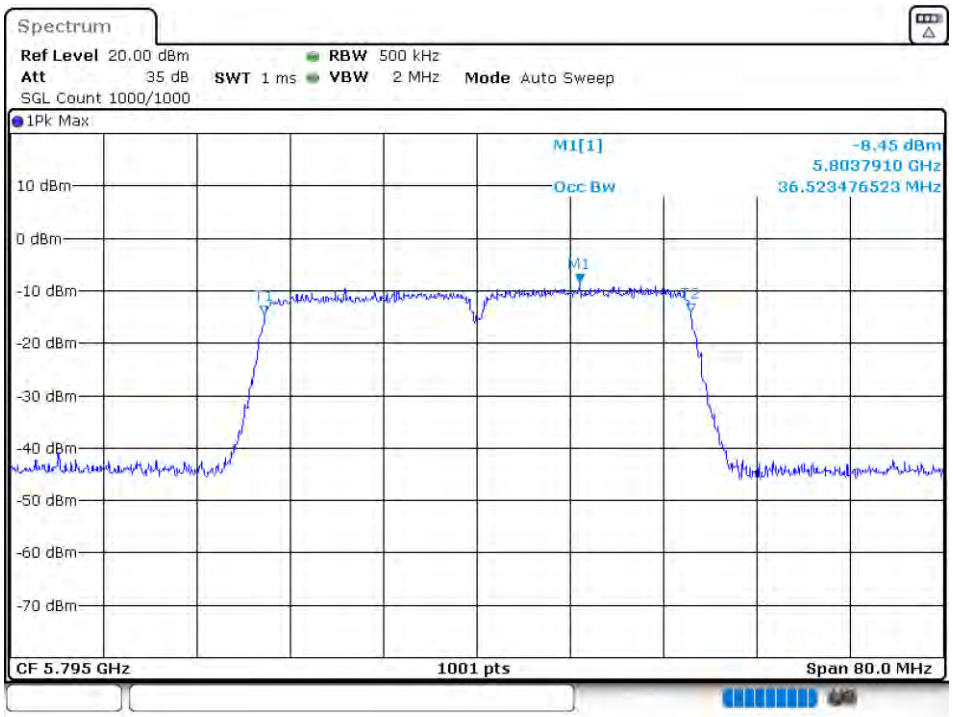
OBW NVNT 802.11ac40 5755MHz Ant 1



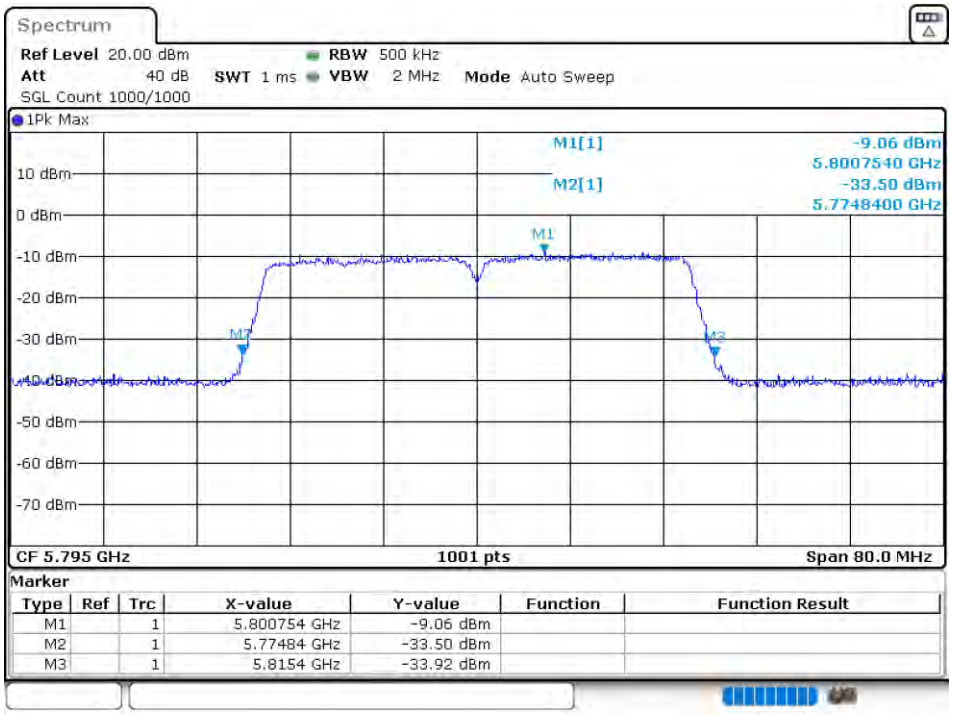
-26 dB BW NVNT 802.11ac40 5755MHz Ant 1



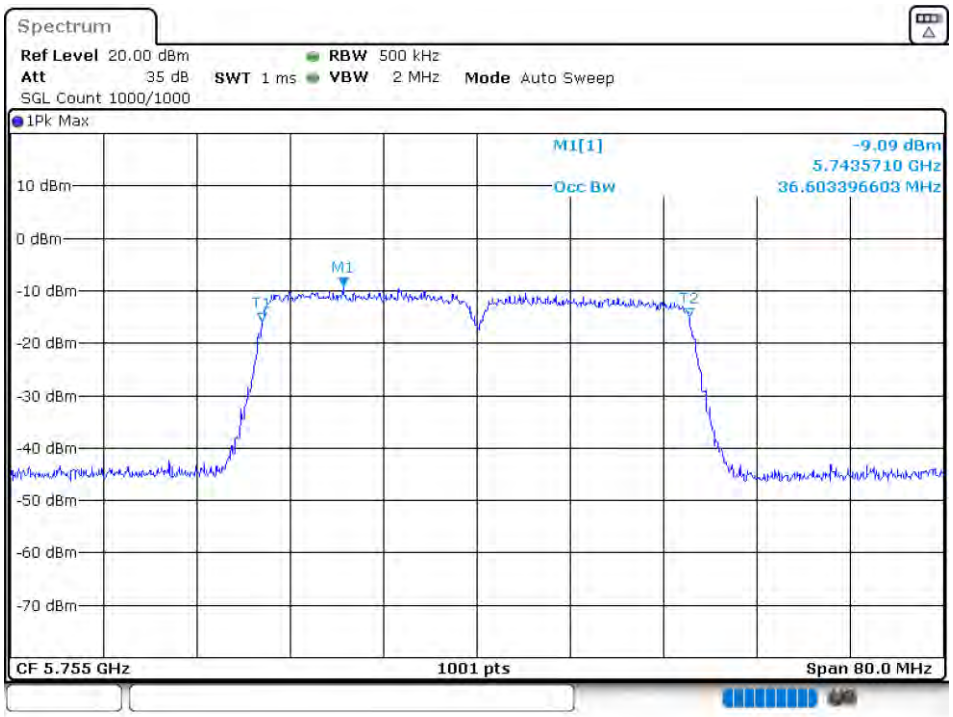
OBW NVNT 802.11ac40 5795MHz Ant 1



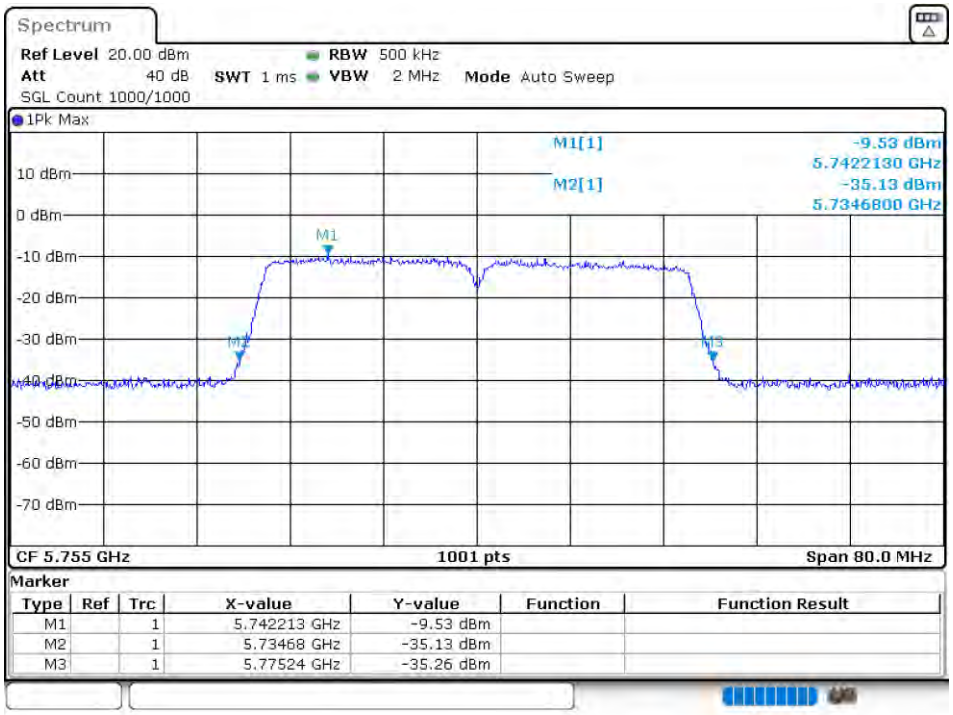
-26 dB BW NVNT 802.11ac40 5795MHz Ant 1



OBW NVNT 802.11ac40 5755MHz Ant 2



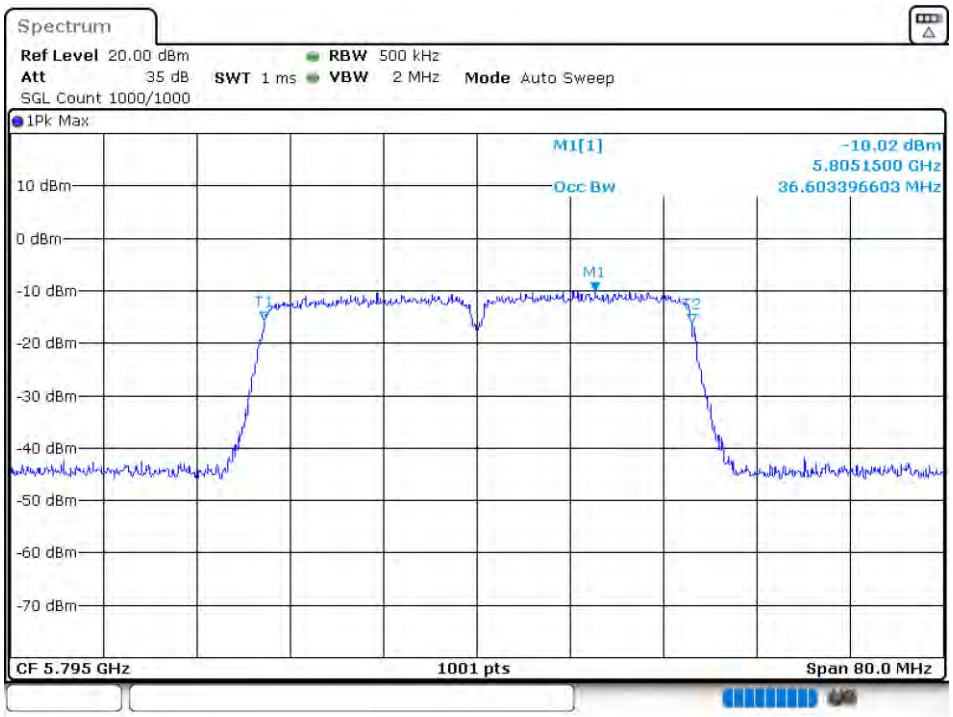
-26 dB BW NVNT 802.11ac40 5755MHz Ant 2



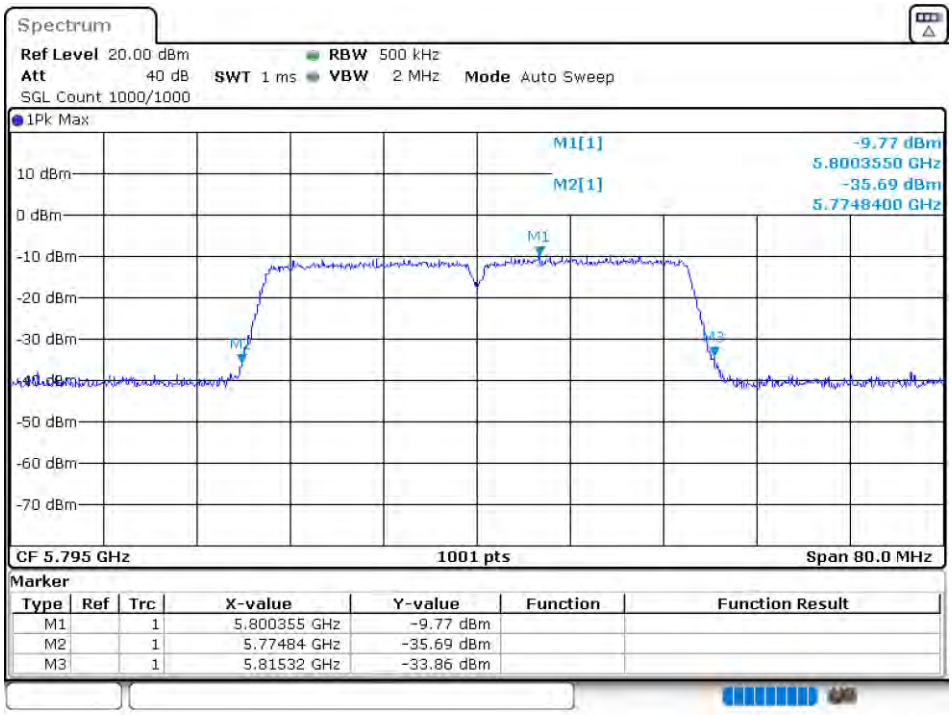
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.742213 GHz	-9.53 dBm		
M2		1	5.73468 GHz	-35.13 dBm		
M3		1	5.77524 GHz	-35.26 dBm		

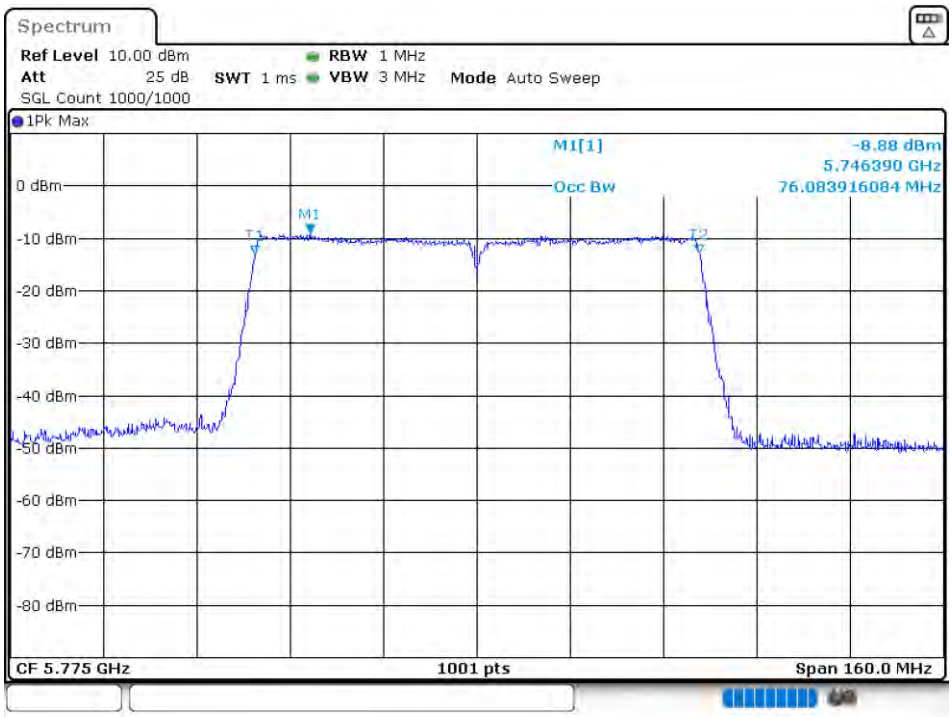
OBW NVNT 802.11ac40 5795MHz Ant 2



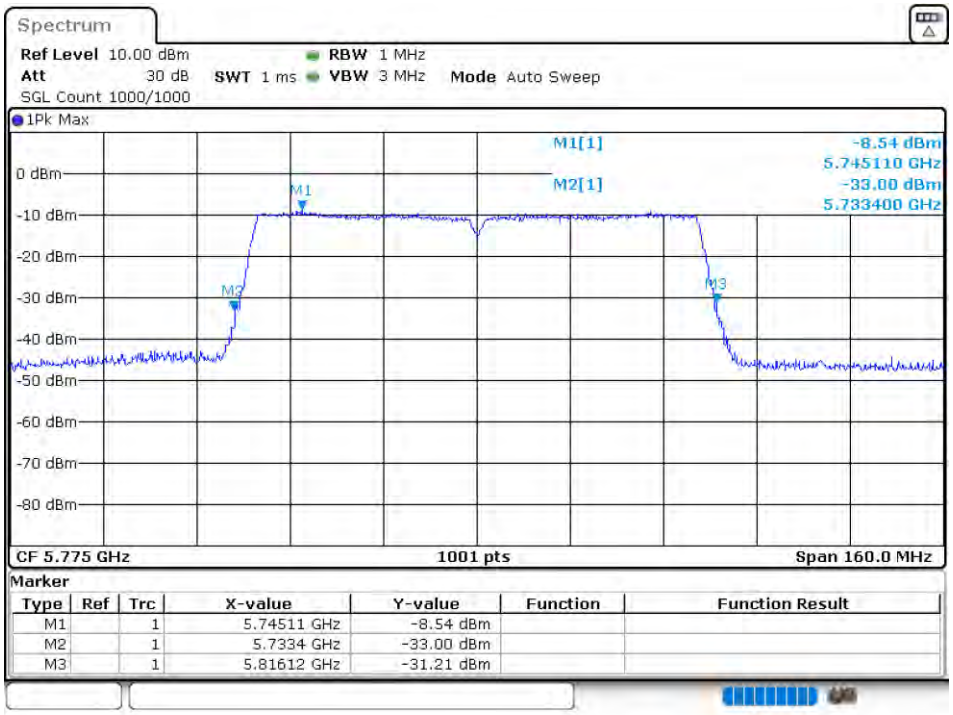
-26 dB BW NVNT 802.11ac40 5795MHz Ant 2



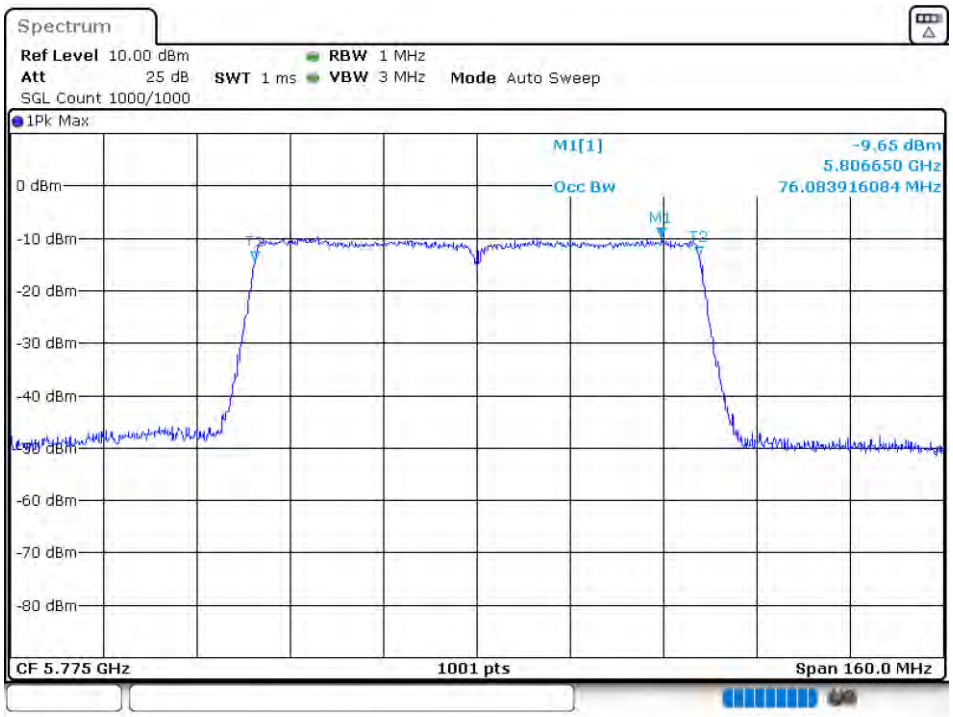
OBW NVNT 802.11ac80 5775MHz Ant 1



-26 dB BW NVNT 802.11ac80 5775MHz Ant 1



OBW NVNT 802.11ac80 5775MHz Ant 2



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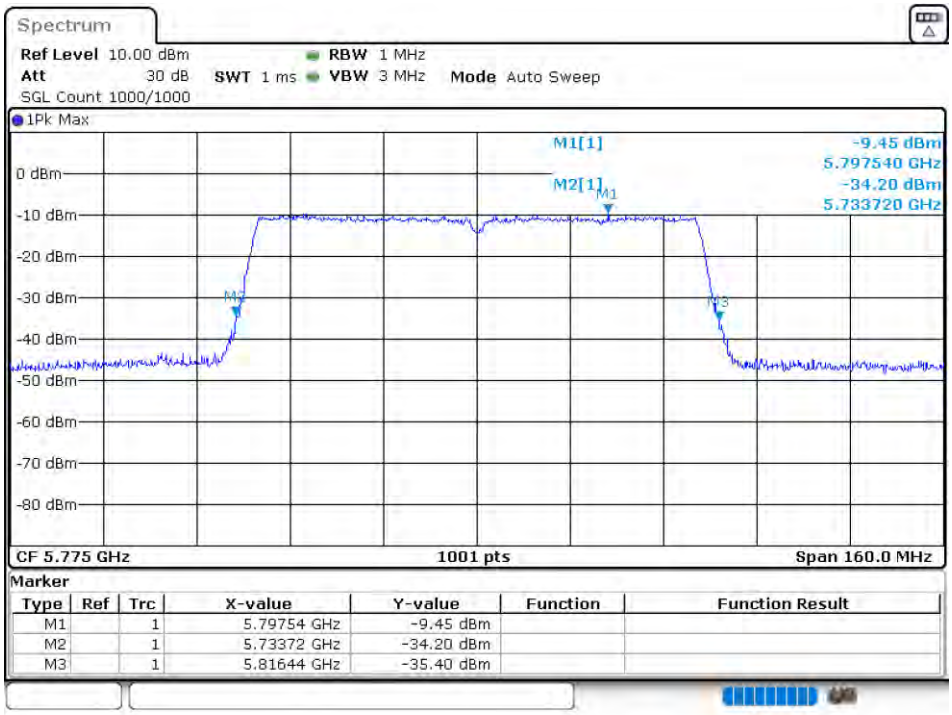
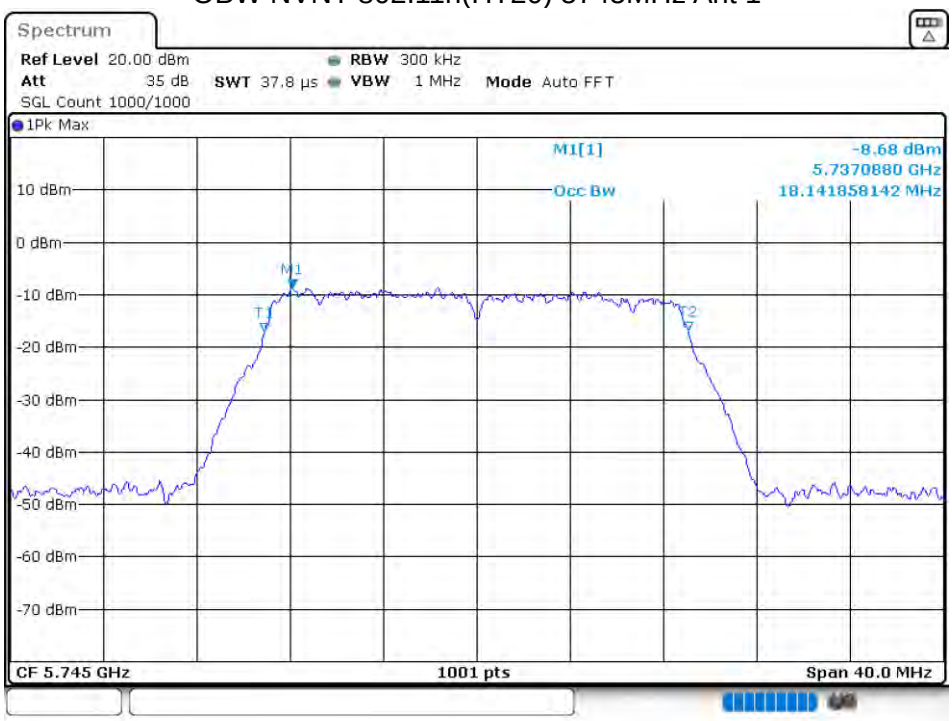
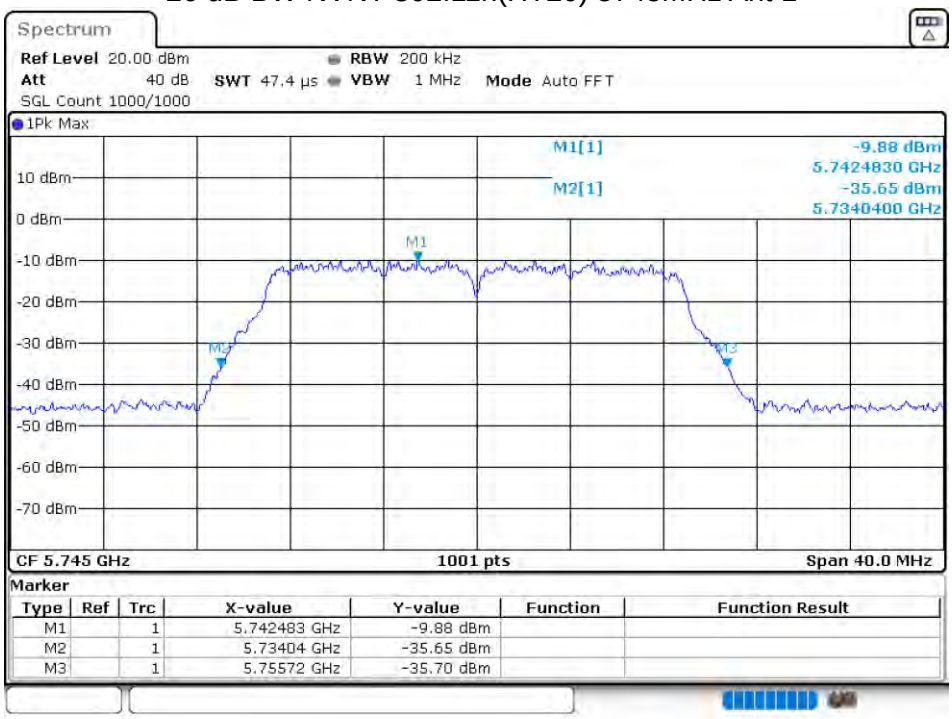


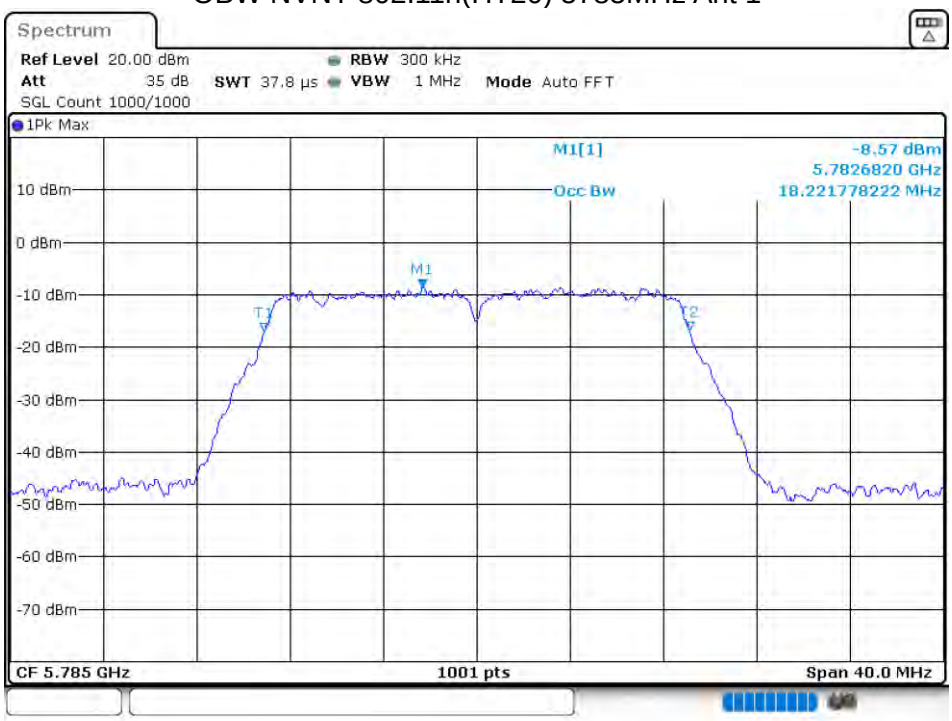
OBW NVNT 802.11n(HT20) 5745MHz Ant 1



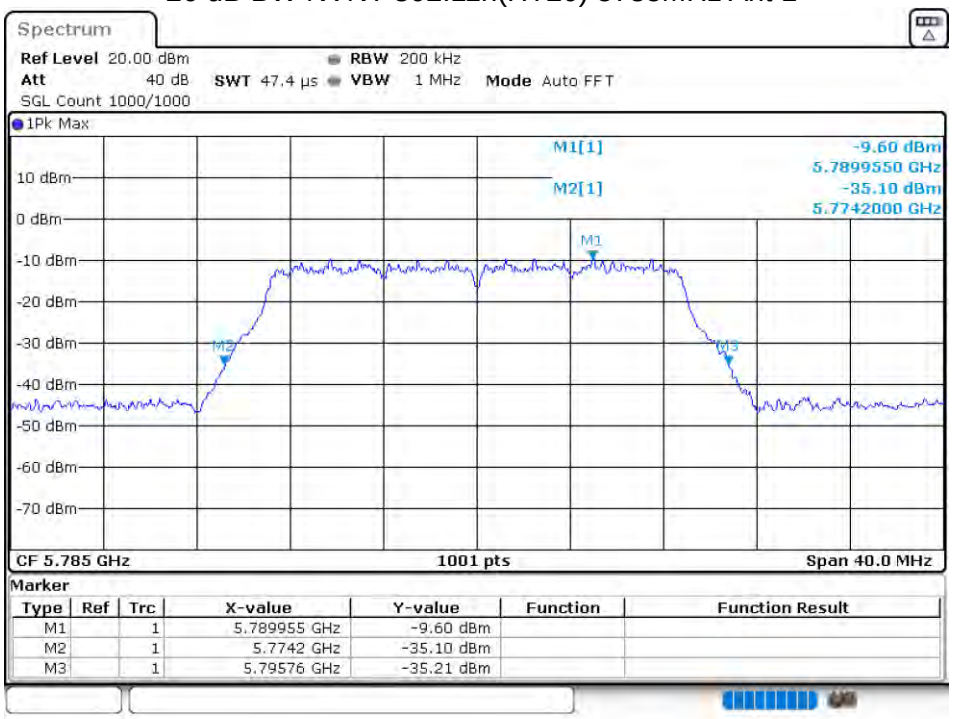
-26 dB BW NVNT 802.11n(HT20) 5745MHz Ant 1



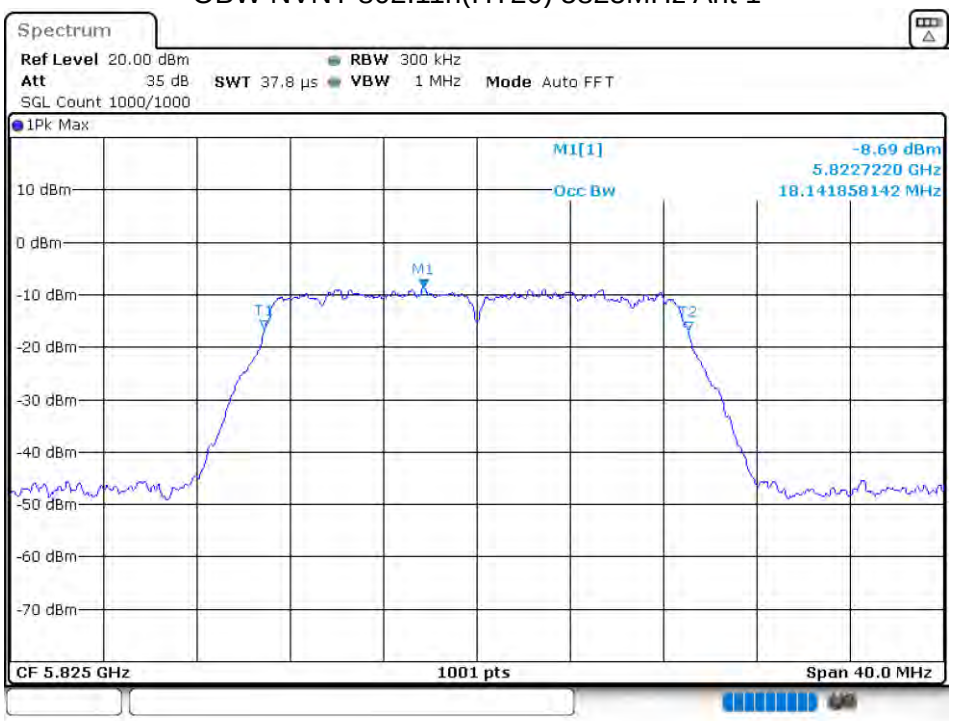
OBW NVNT 802.11n(HT20) 5785MHz Ant 1



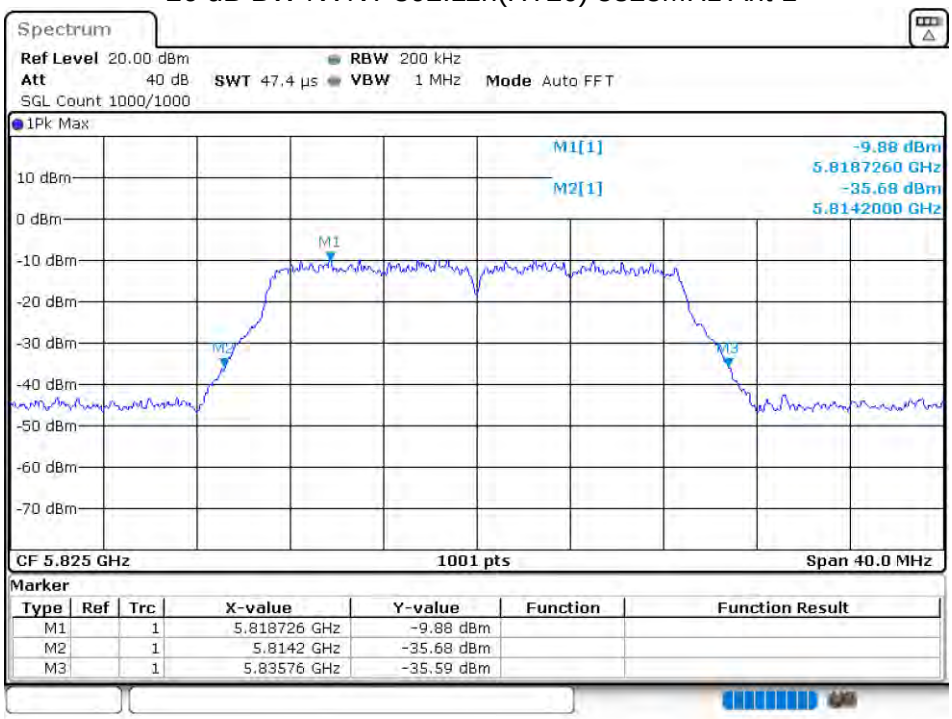
-26 dB BW NVNT 802.11n(HT20) 5785MHz Ant 1



OBW NVNT 802.11n(HT20) 5825MHz Ant 1



-26 dB BW NVNT 802.11n(HT20) 5825MHz Ant 1

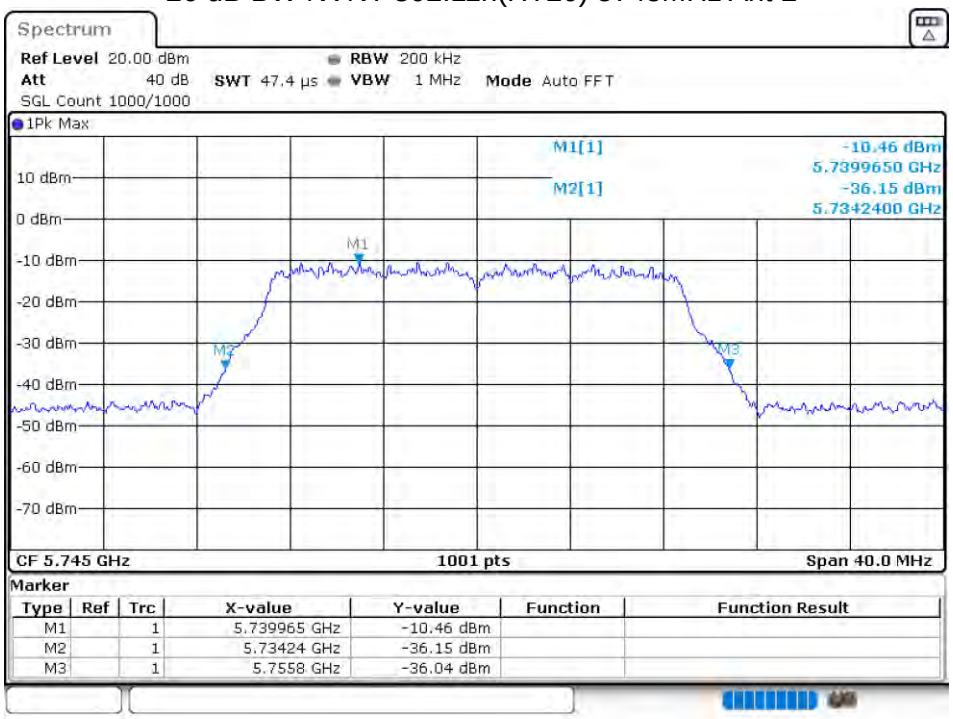


Marker

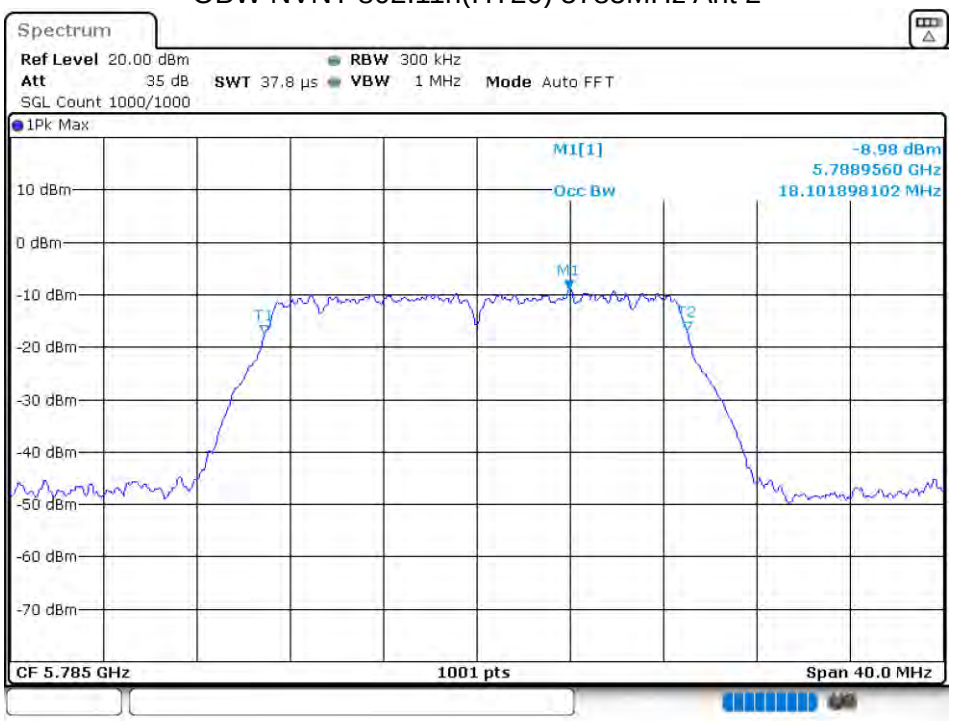
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.818726 GHz	-9.88 dBm		
M2		1	5.8142 GHz	-35.68 dBm		
M3		1	5.83576 GHz	-35.59 dBm		

OBW NVNT 802.11n(HT20) 5745MHz Ant 2

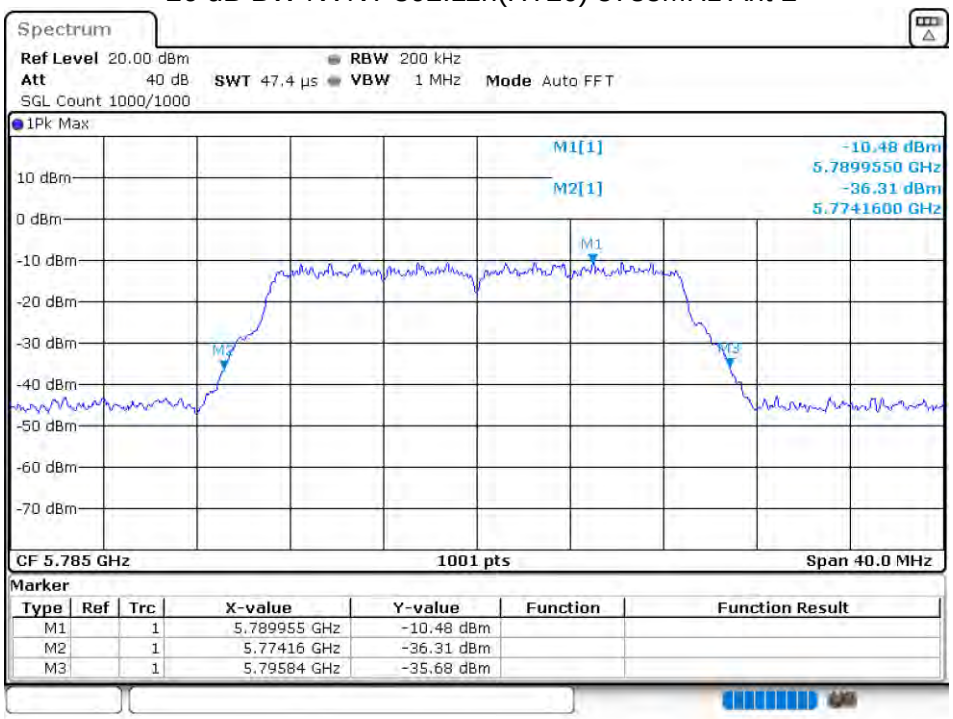
-26 dB BW NVNT 802.11n(HT20) 5745MHz Ant 2



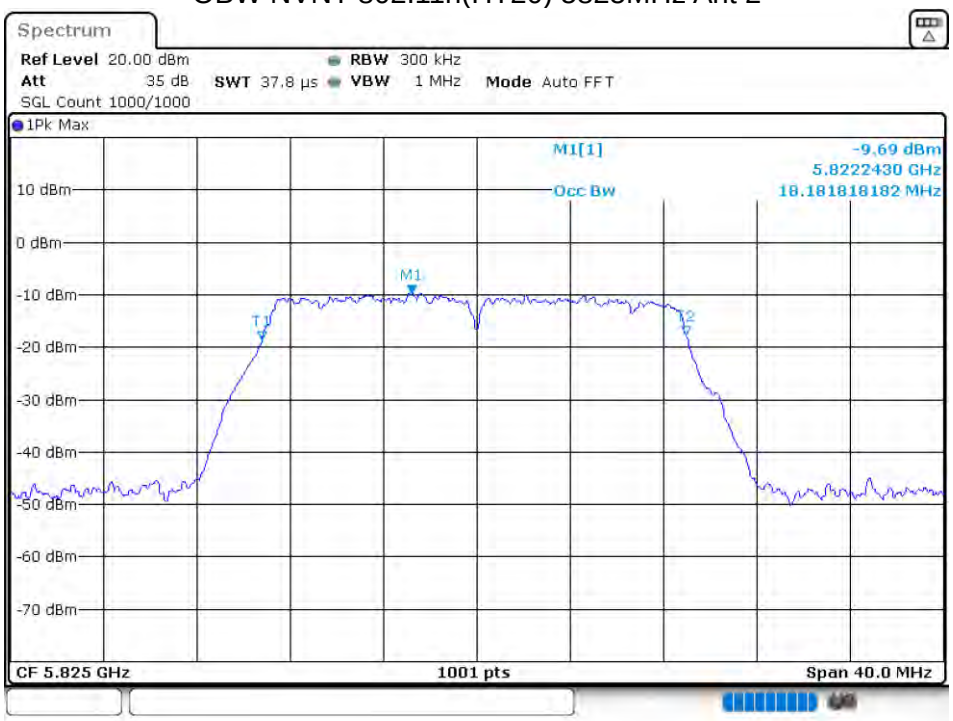
OBW NVNT 802.11n(HT20) 5785MHz Ant 2



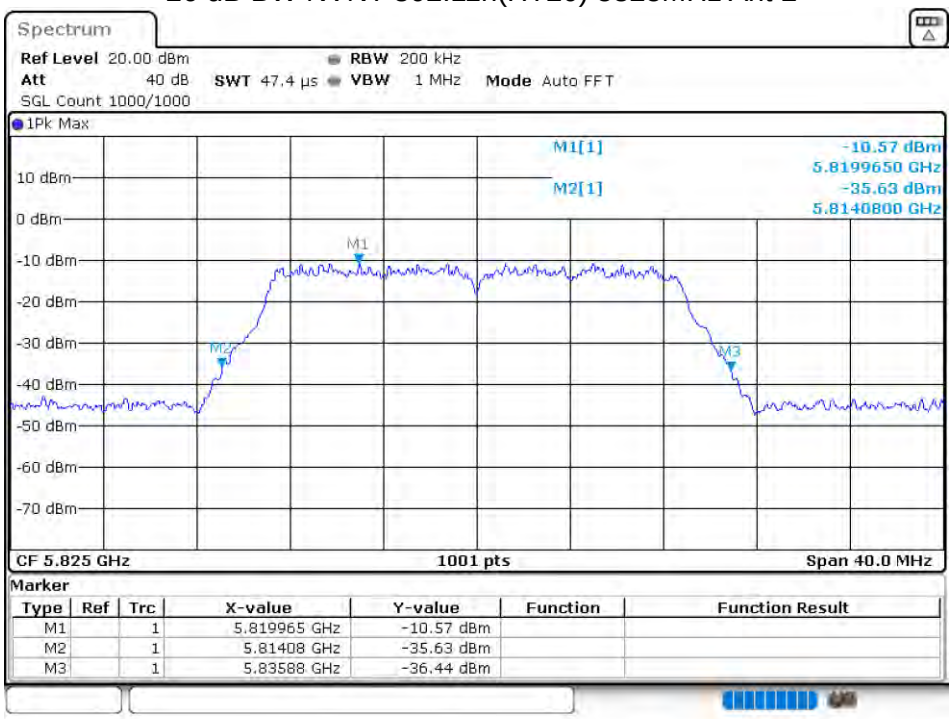
-26 dB BW NVNT 802.11n(HT20) 5785MHz Ant 2



OBW NVNT 802.11n(HT20) 5825MHz Ant 2



-26 dB BW NVNT 802.11n(HT20) 5825MHz Ant 2

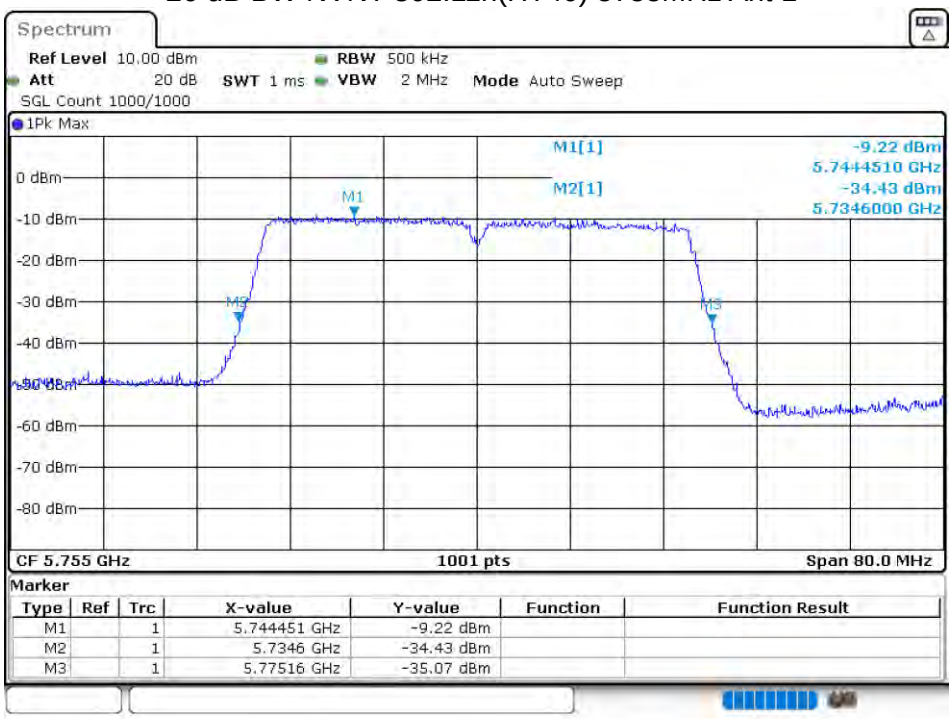


Marker

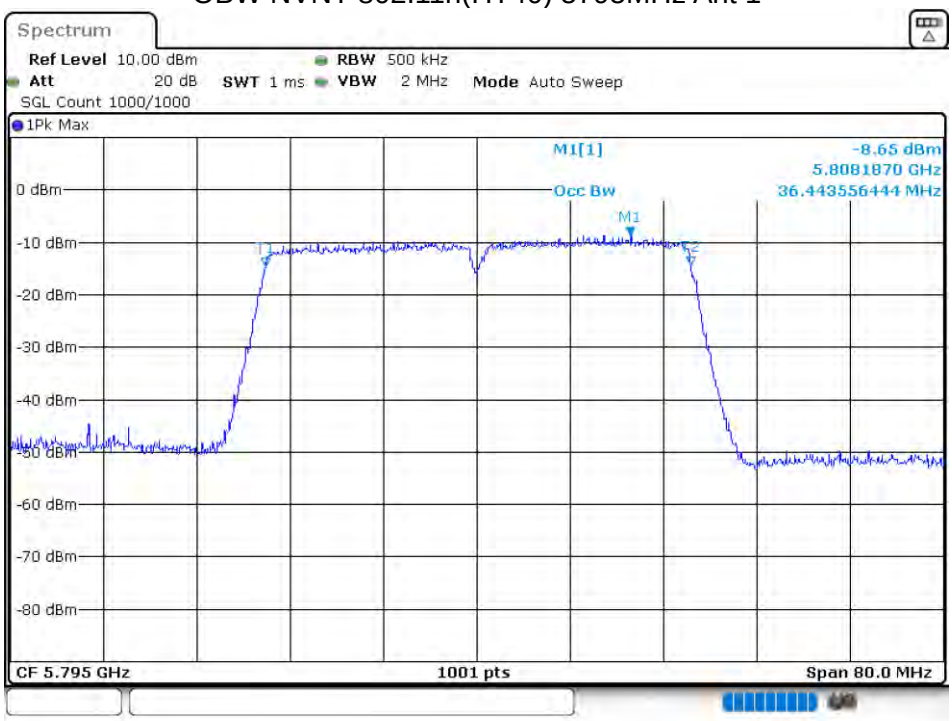
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.819965 GHz	-10.57 dBm		
M2		1	5.81408 GHz	-35.63 dBm		
M3		1	5.83588 GHz	-36.44 dBm		

OBW NVNT 802.11n(HT40) 5755MHz Ant 1

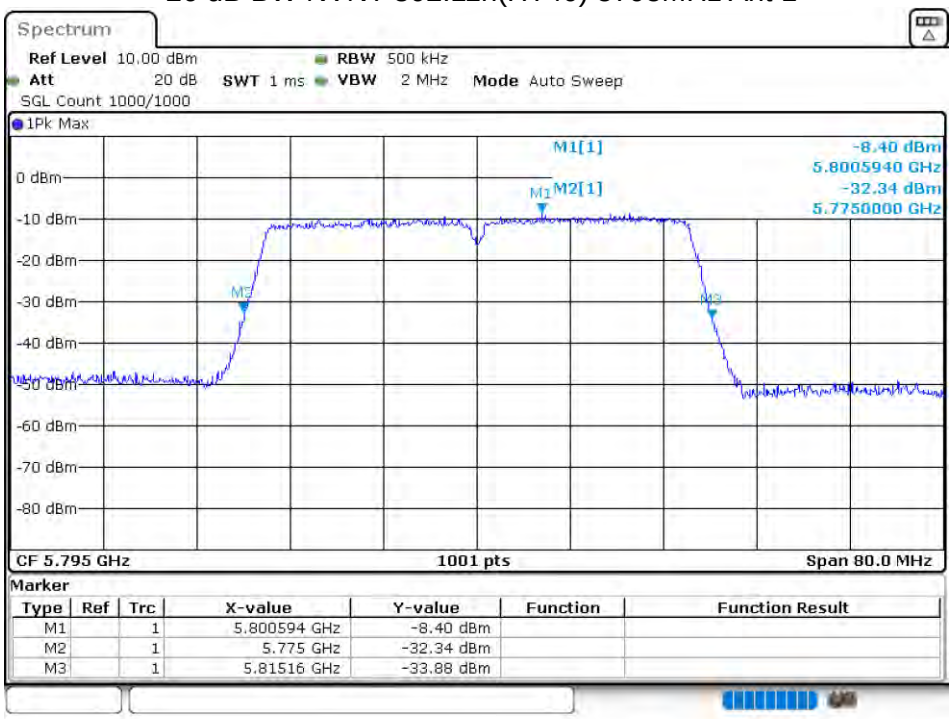
-26 dB BW NVNT 802.11n(HT40) 5755MHz Ant 1



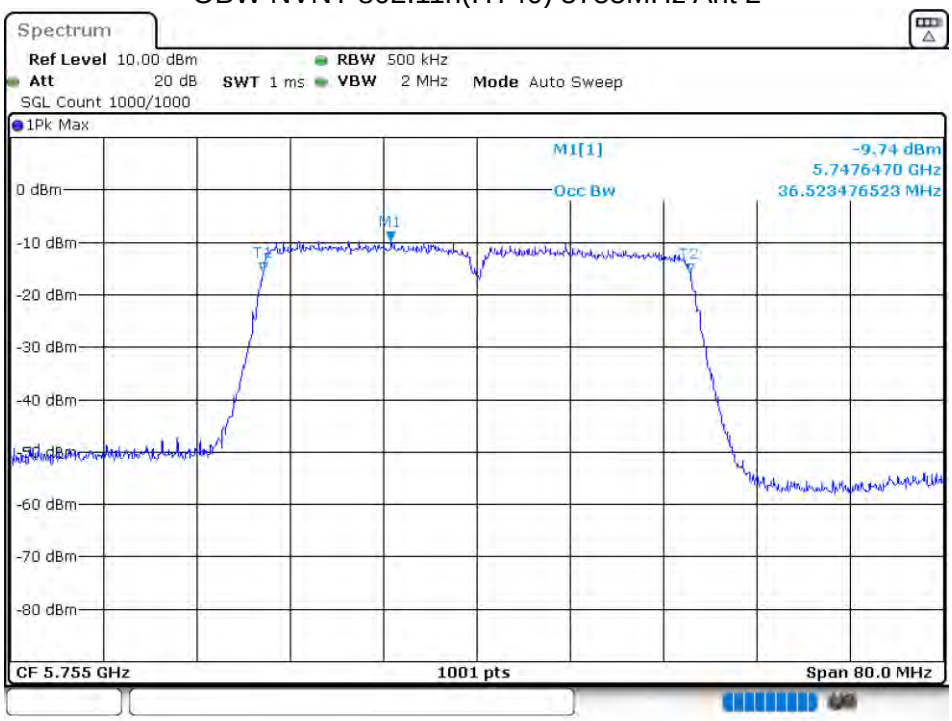
OBW NVNT 802.11n(HT40) 5795MHz Ant 1



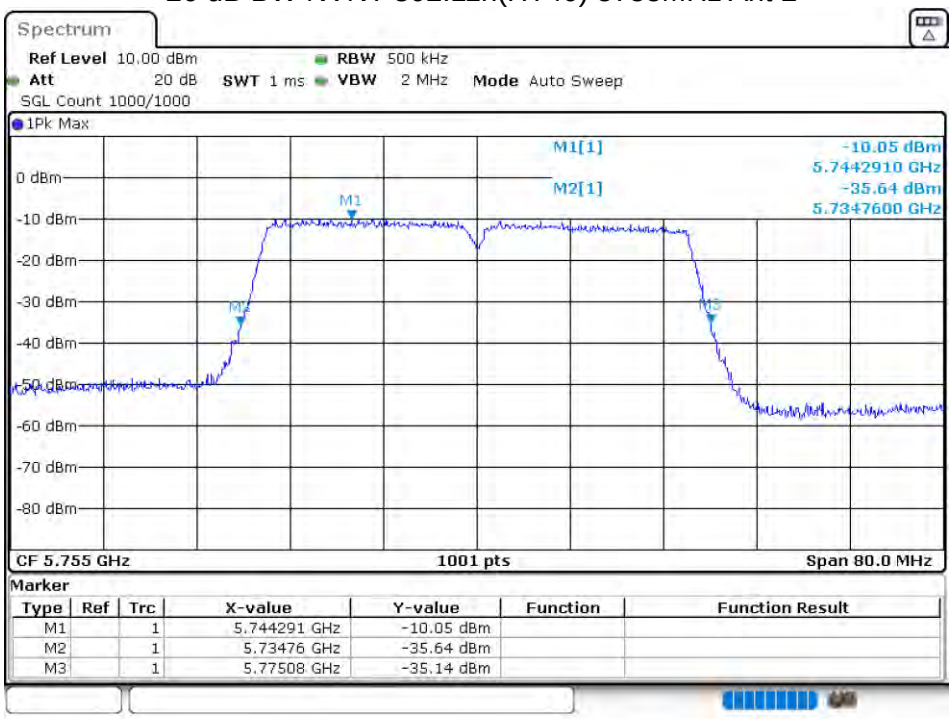
-26 dB BW NVNT 802.11n(HT40) 5795MHz Ant 1



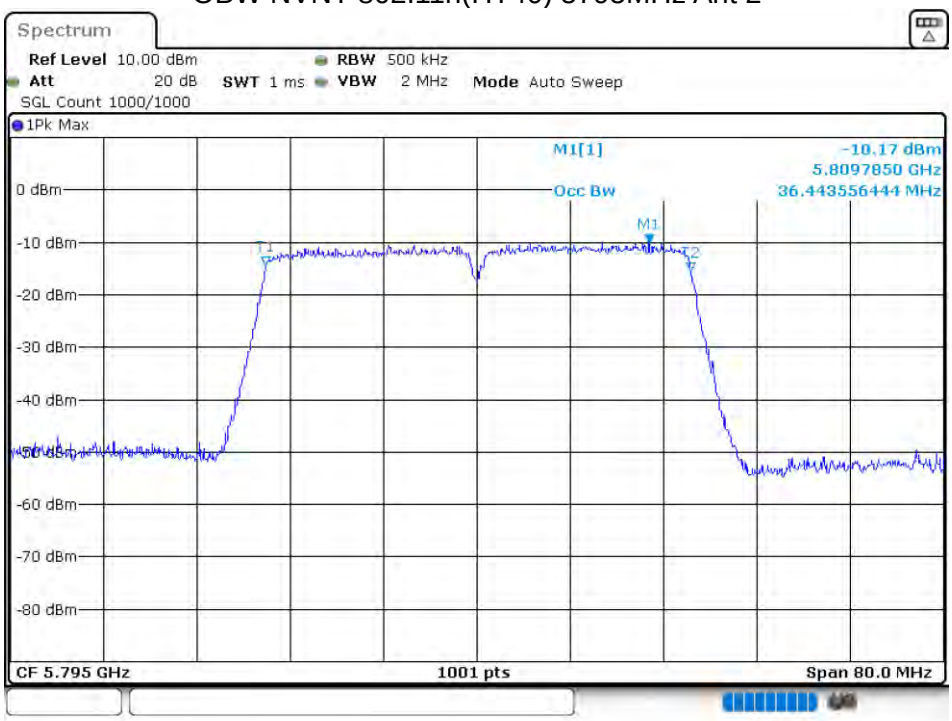
OBW NVNT 802.11n(HT40) 5755MHz Ant 2



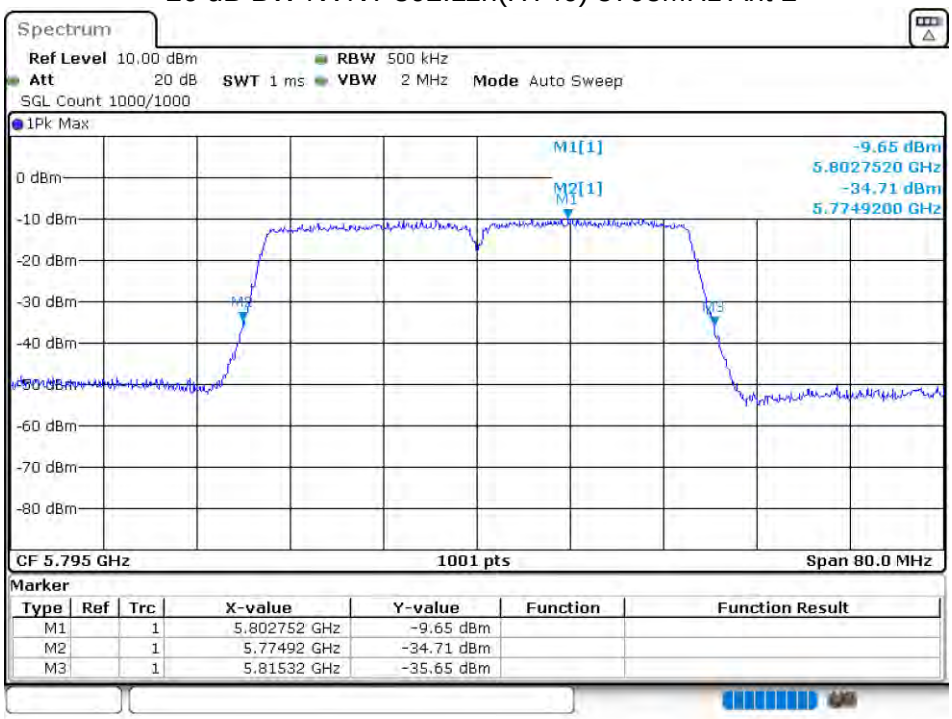
-26 dB BW NVNT 802.11n(HT40) 5755MHz Ant 2



OBW NVNT 802.11n(HT40) 5795MHz Ant 2



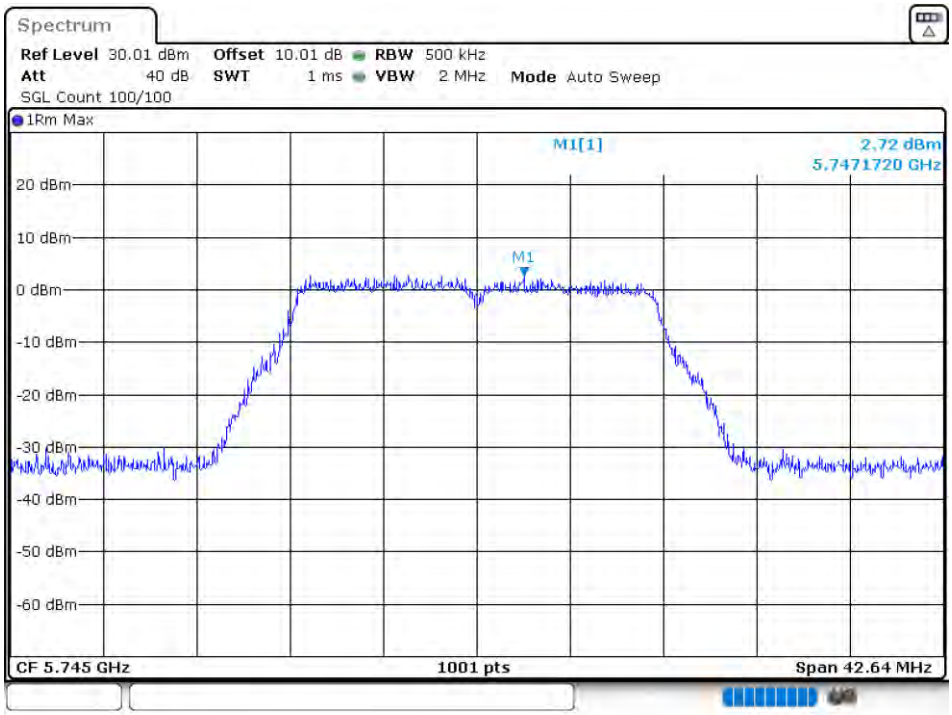
-26 dB BW NVNT 802.11n(HT40) 5795MHz Ant 2



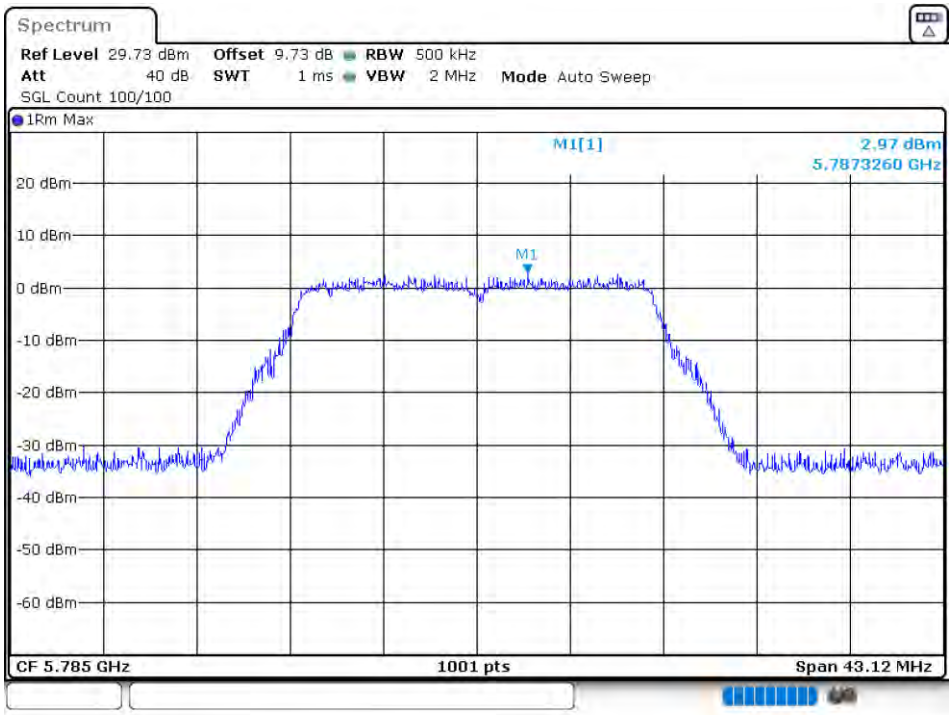
11.4.5 MAXIMUM POWER SPECTRAL DENSITY LEVEL

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Total Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	2.725	-	30	Pass
NVNT	802.11a	5785	Ant 1	2.97	-	30	Pass
NVNT	802.11a	5825	Ant 1	2.91	-	30	Pass
NVNT	802.11a	5745	Ant 2	1.892	-	30	Pass
NVNT	802.11a	5785	Ant 2	2.242	-	30	Pass
NVNT	802.11a	5825	Ant 2	1.832	-	30	Pass
NVNT	802.11ac20	5745	Ant 1	3.212	5.43	27.99	Pass
NVNT	802.11ac20	5745	Ant 2	1.455		27.99	Pass
NVNT	802.11ac20	5785	Ant 1	2.632	5.35	27.99	Pass
NVNT	802.11ac20	5785	Ant 2	2.036		27.99	Pass
NVNT	802.11ac20	5825	Ant 1	2.232	4.88	27.99	Pass
NVNT	802.11ac20	5825	Ant 2	1.469		27.99	Pass
NVNT	802.11ac40	5755	Ant 1	-0.452	2.47	27.99	Pass
NVNT	802.11ac40	5755	Ant 2	-0.635		27.99	Pass
NVNT	802.11ac40	5795	Ant 1	0.295	2.51	27.99	Pass
NVNT	802.11ac40	5795	Ant 2	-1.481		27.99	Pass
NVNT	802.11ac80	5775	Ant 1	-4.589	-1.64	27.99	Pass
NVNT	802.11ac80	5775	Ant 2	-4.708		27.99	Pass
NVNT	802.11n(HT20)	5745	Ant 1	2.431	5.30	27.99	Pass
NVNT	802.11n(HT20)	5745	Ant 2	2.148		27.99	Pass
NVNT	802.11n(HT20)	5785	Ant 1	2.771	5.21	27.99	Pass
NVNT	802.11n(HT20)	5785	Ant 2	1.534		27.99	Pass
NVNT	802.11n(HT20)	5825	Ant 1	2.251	5.08	27.99	Pass
NVNT	802.11n(HT20)	5825	Ant 2	1.887		27.99	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-0.465	2.27	27.99	Pass
NVNT	802.11n(HT40)	5755	Ant 2	-1.043		27.99	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-0.511	2.15	27.99	Pass
NVNT	802.11n(HT40)	5795	Ant 2	-1.245		27.99	Pass

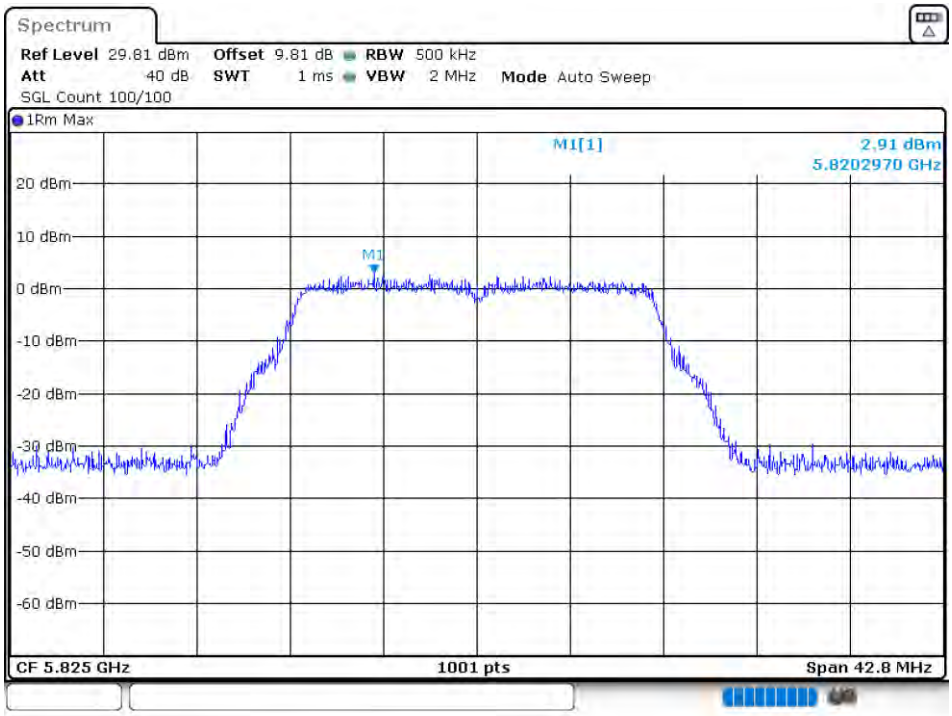
PSD NVNT 802.11a 5745MHz Ant 1



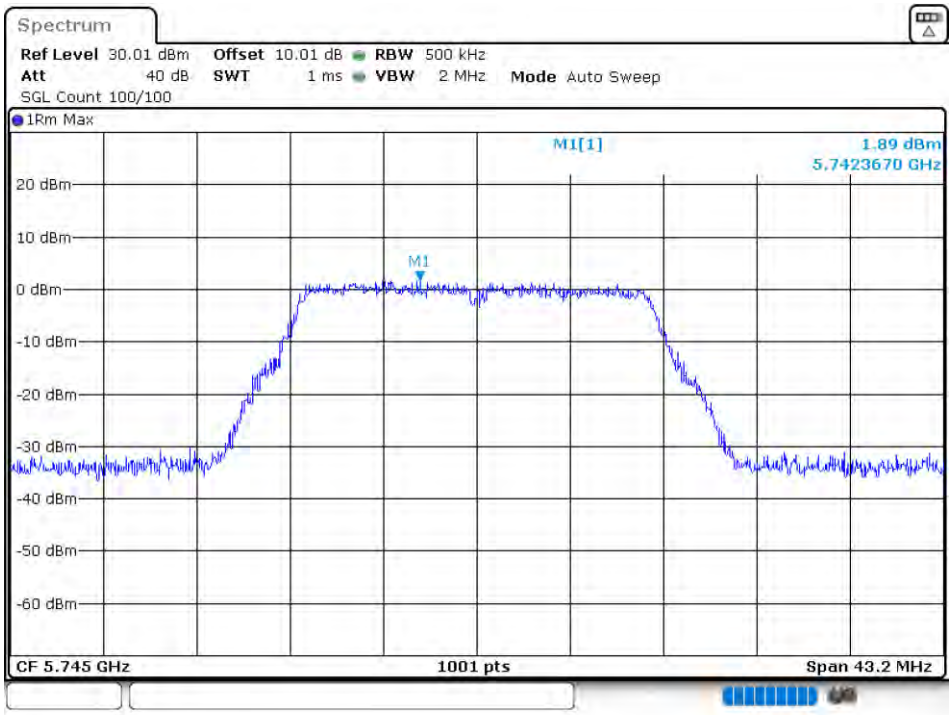
PSD NVNT 802.11a 5785MHz Ant 1



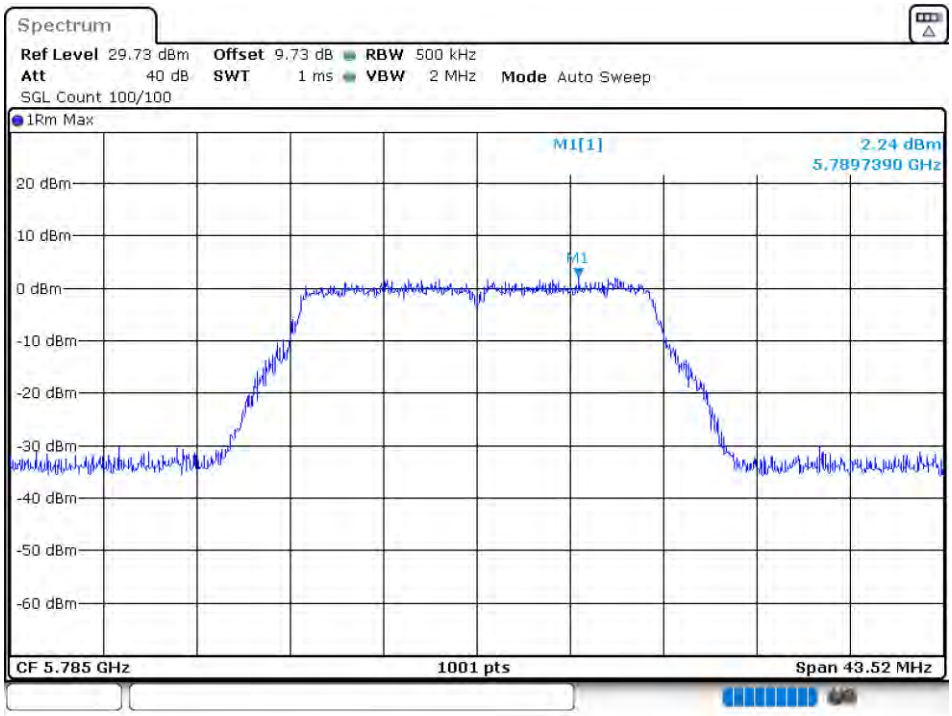
PSD NVNT 802.11a 5825MHz Ant 1



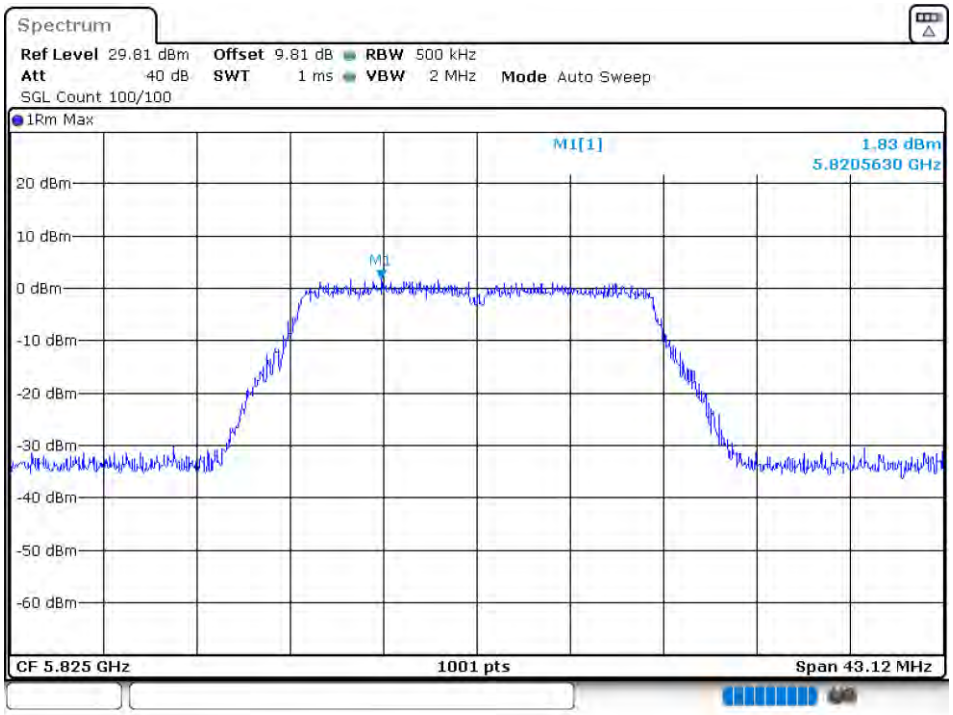
PSD NVNT 802.11a 5745MHz Ant 2



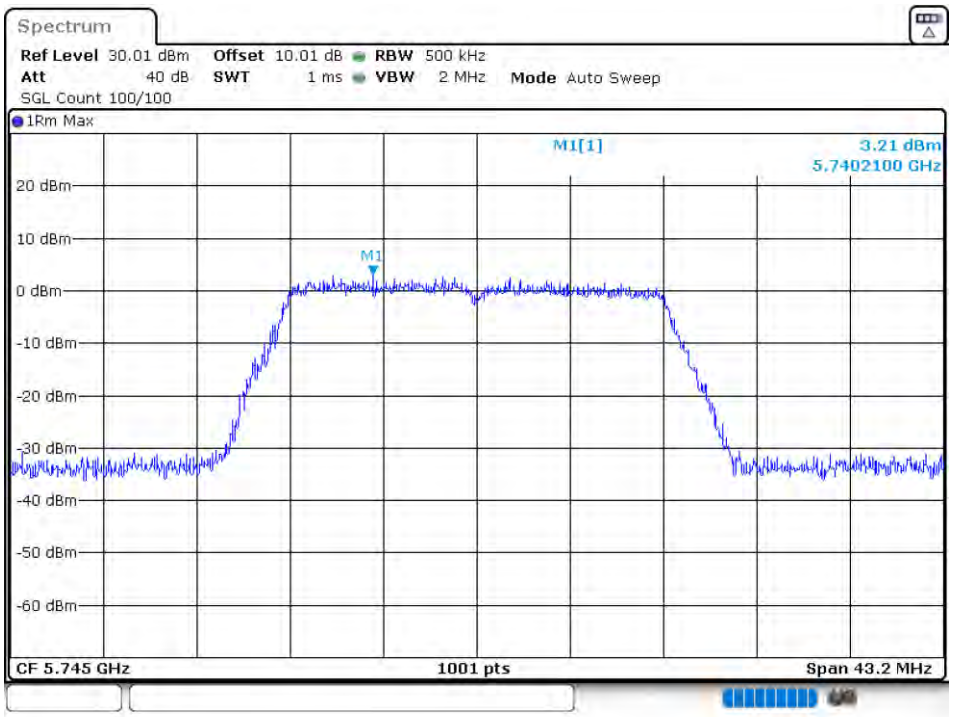
PSD NVNT 802.11a 5785MHz Ant 2



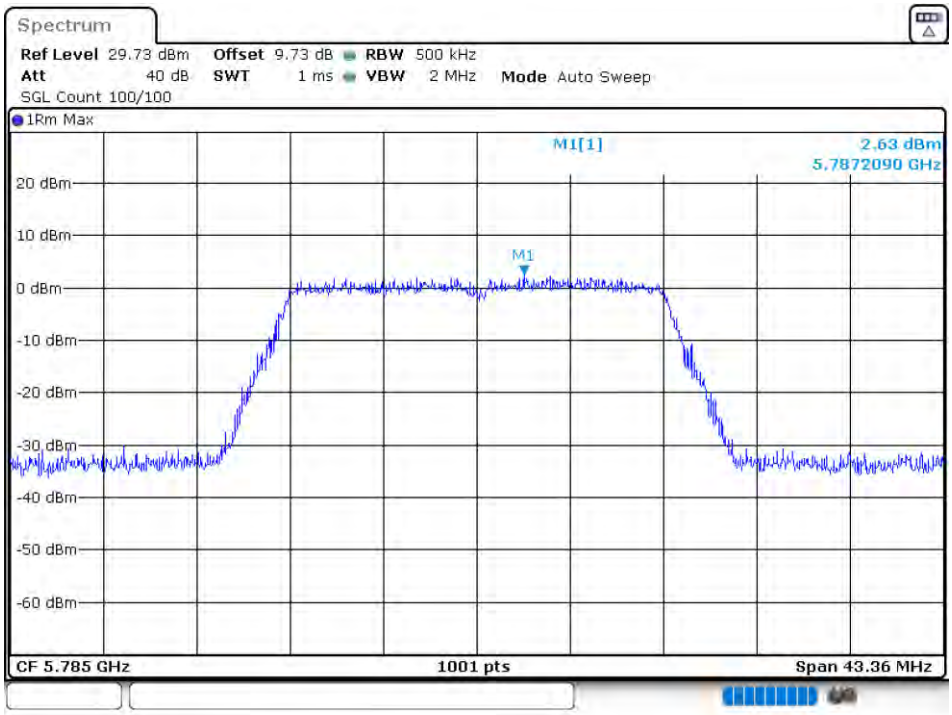
PSD NVNT 802.11a 5825MHz Ant 2



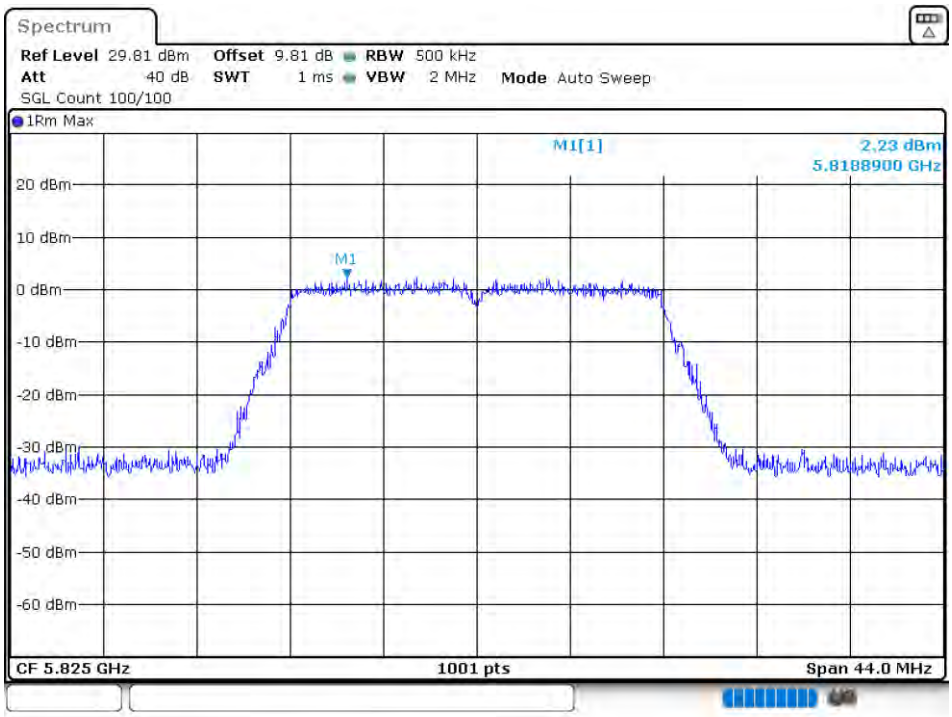
PSD NVNT 802.11ac20 5745MHz Ant 1



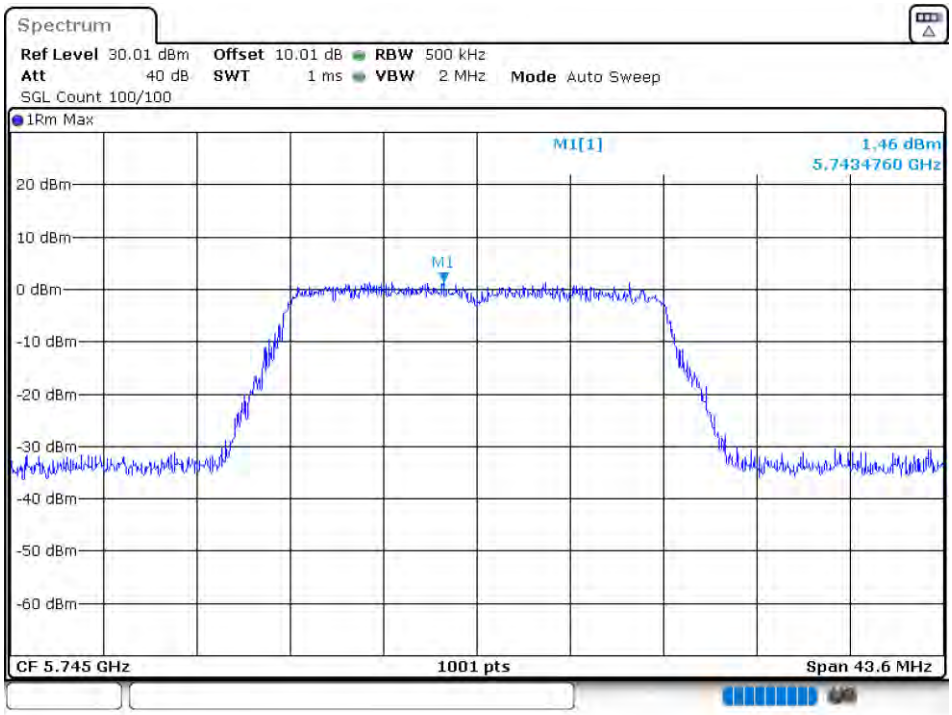
PSD NVNT 802.11ac20 5785MHz Ant 1



PSD NVNT 802.11ac20 5825MHz Ant 1



PSD NVNT 802.11ac20 5745MHz Ant 2



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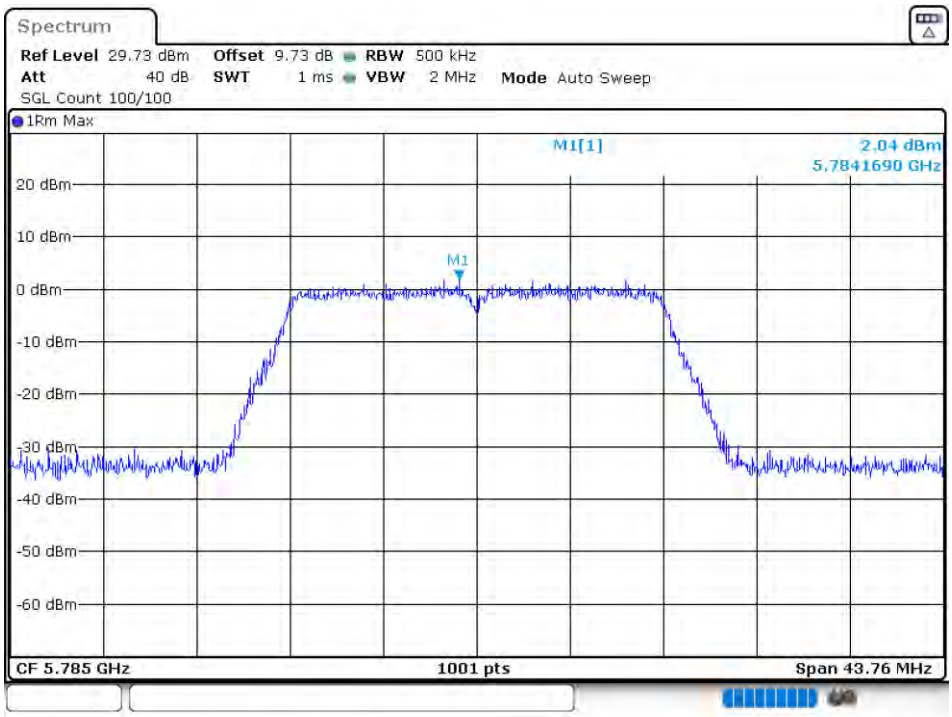
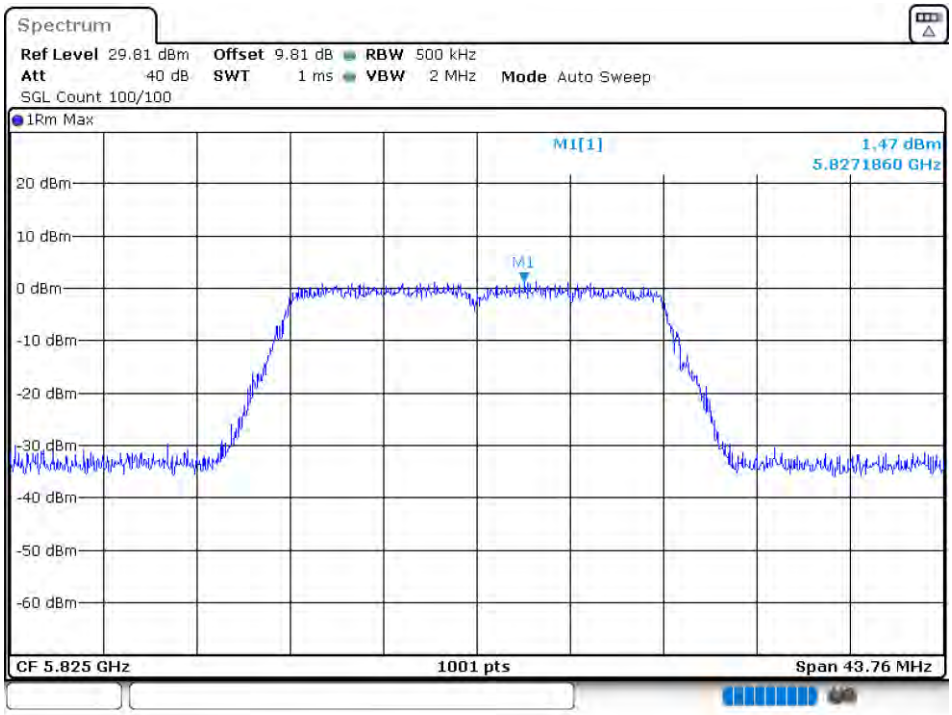
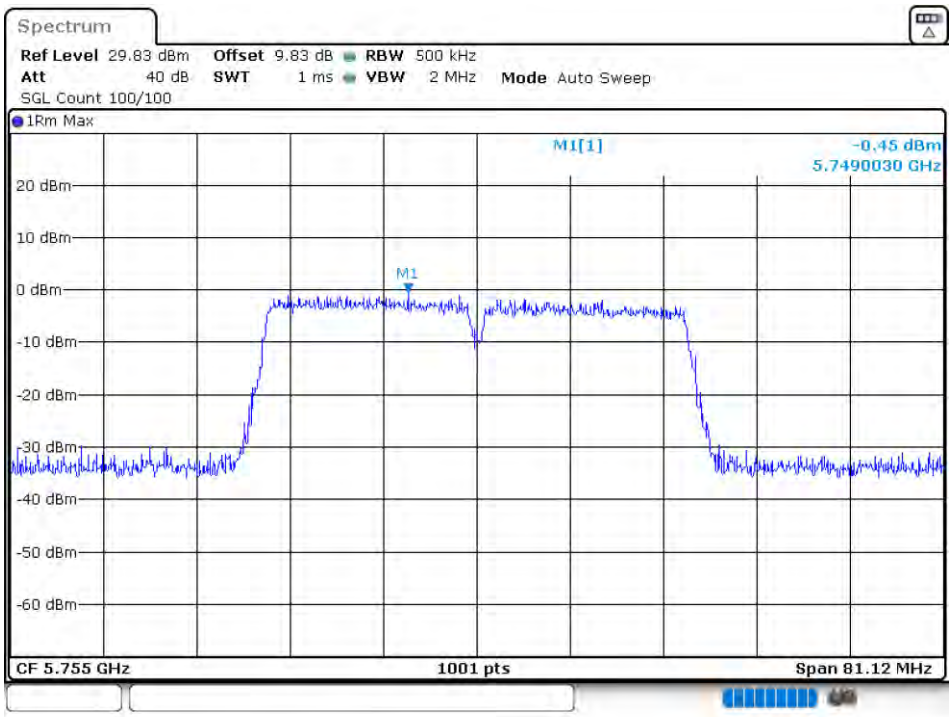


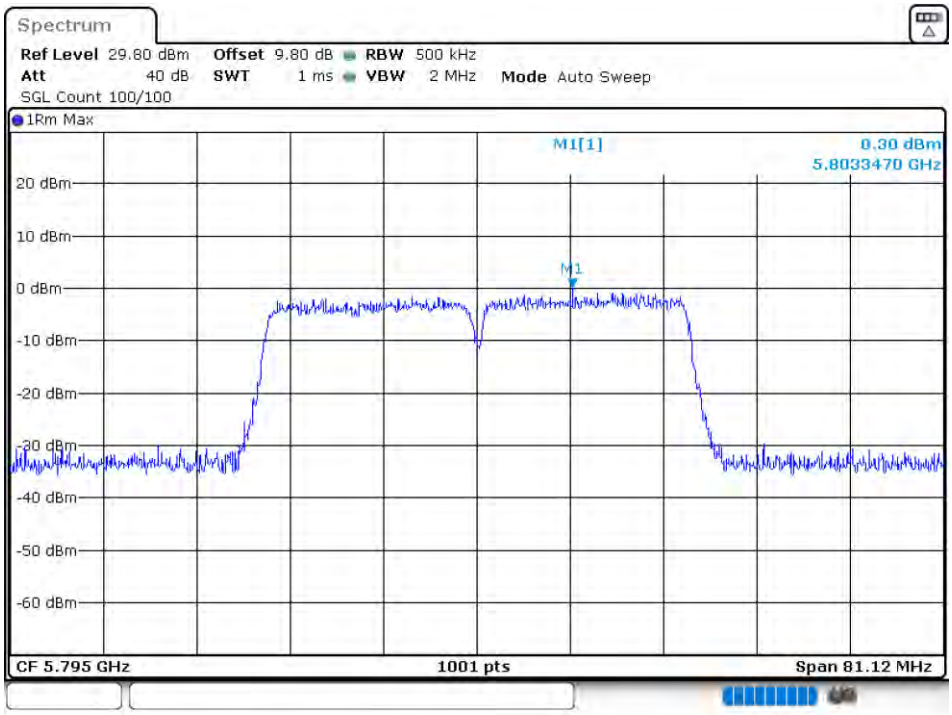
PSD NVNT 802.11ac20 5825MHz Ant 2



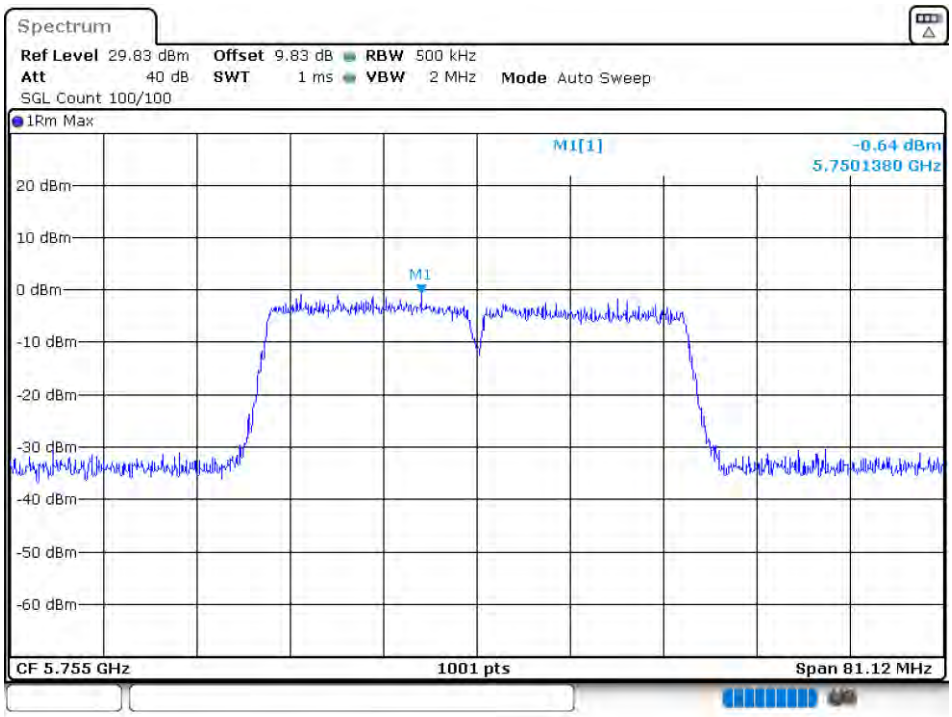
PSD NVNT 802.11ac40 5755MHz Ant 1



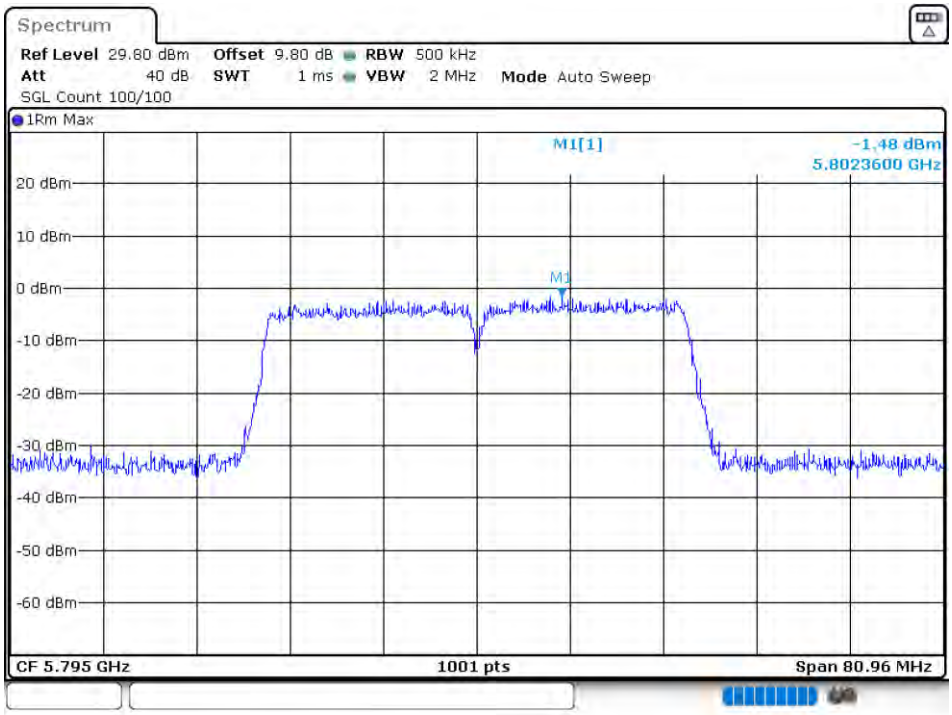
PSD NVNT 802.11ac40 5795MHz Ant 1



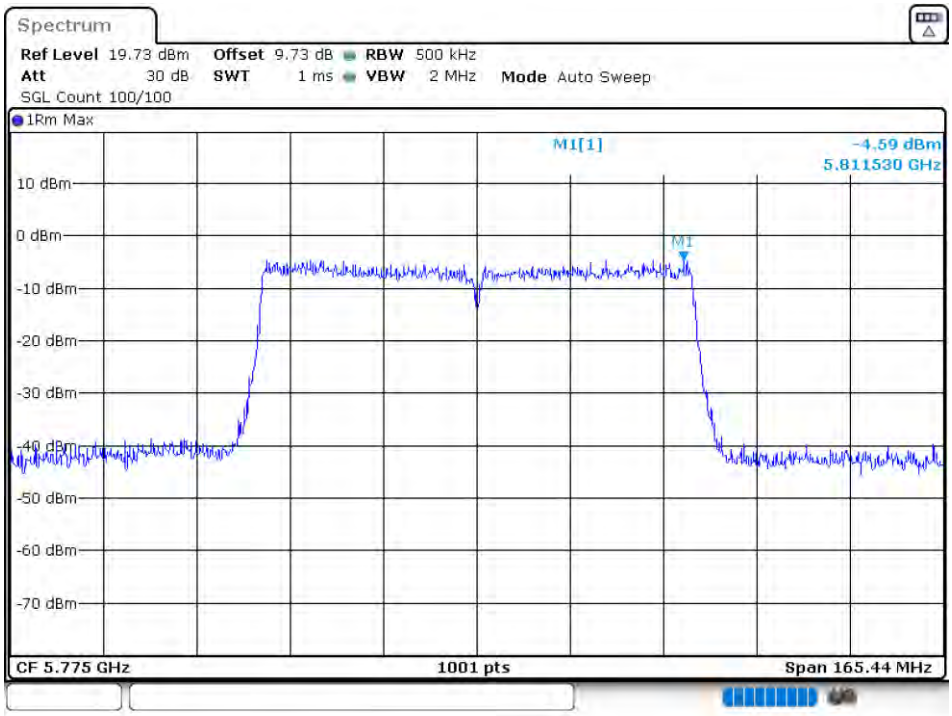
PSD NVNT 802.11ac40 5755MHz Ant 2



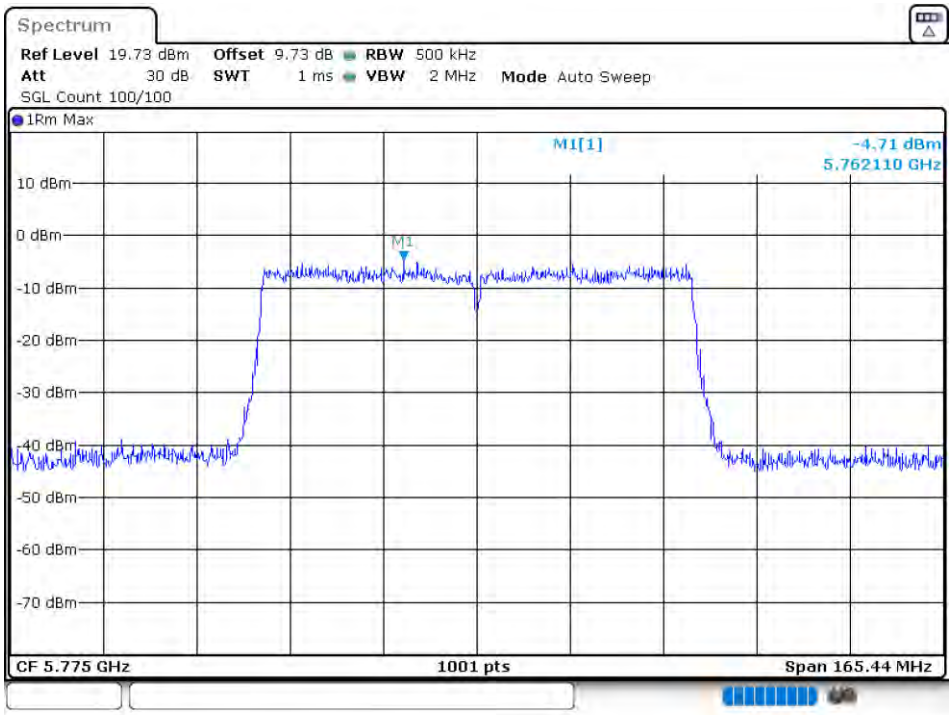
PSD NVNT 802.11ac40 5795MHz Ant 2



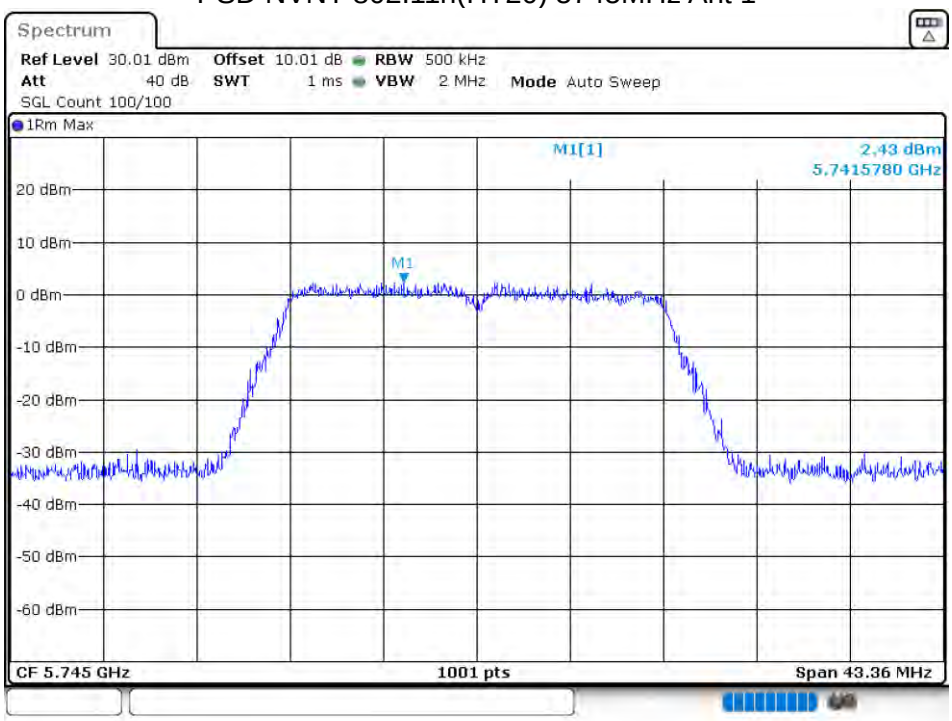
PSD NVNT 802.11ac80 5775MHz Ant 1



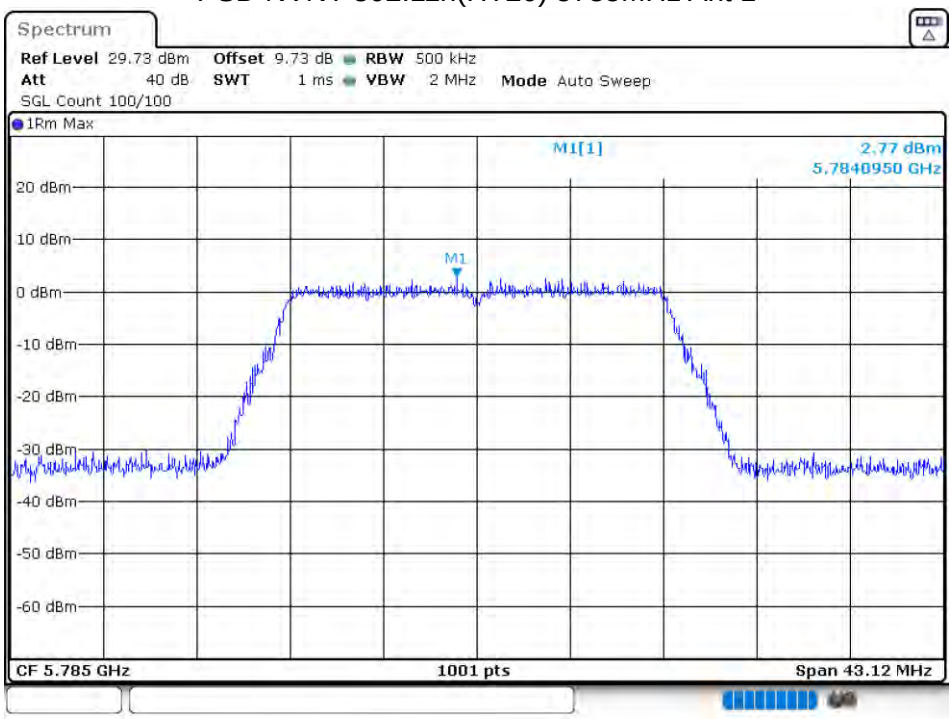
PSD NVNT 802.11ac80 5775MHz Ant 2



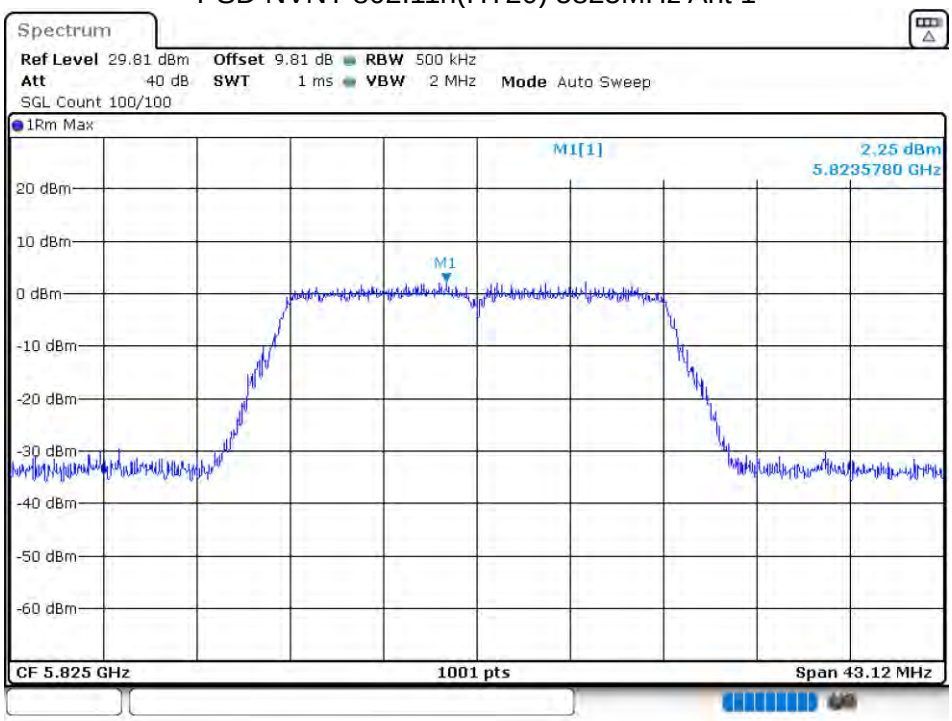
PSD NVNT 802.11n(HT20) 5745MHz Ant 1



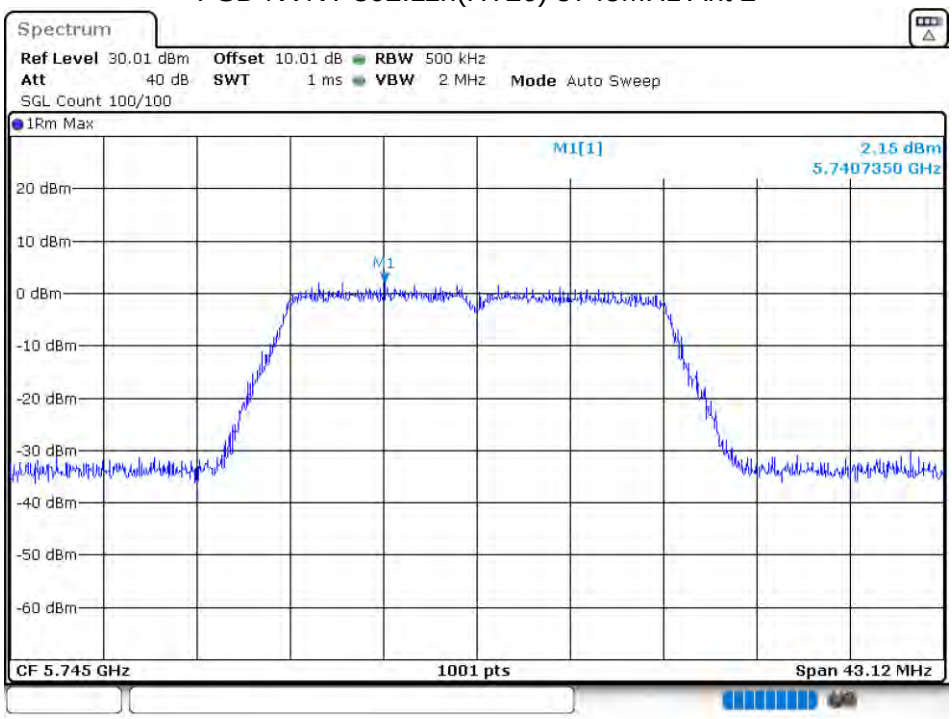
PSD NVNT 802.11n(HT20) 5785MHz Ant 1



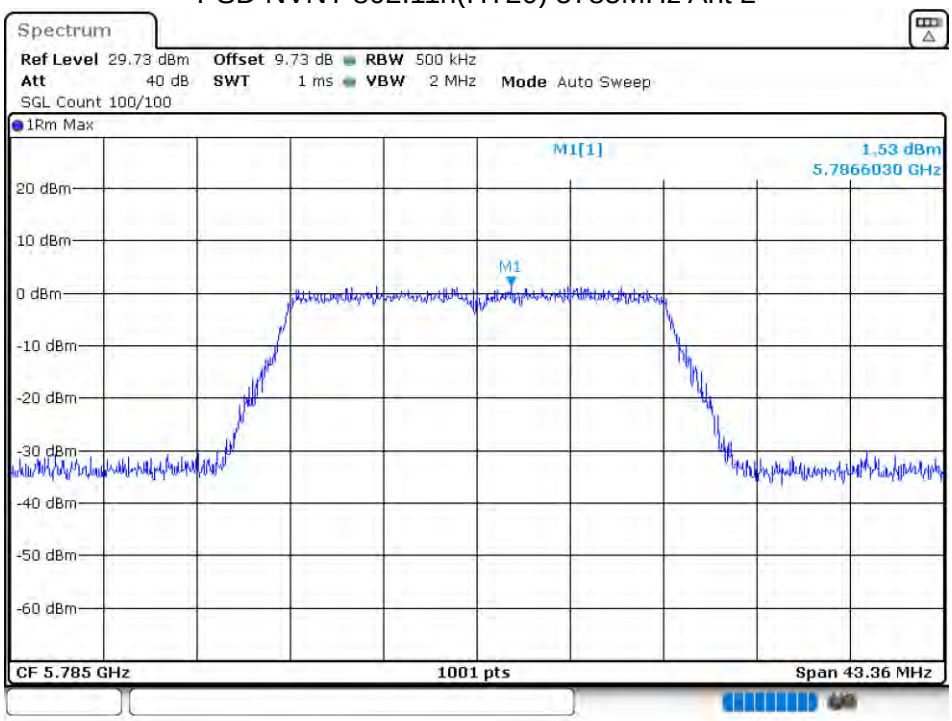
PSD NVNT 802.11n(HT20) 5825MHz Ant 1



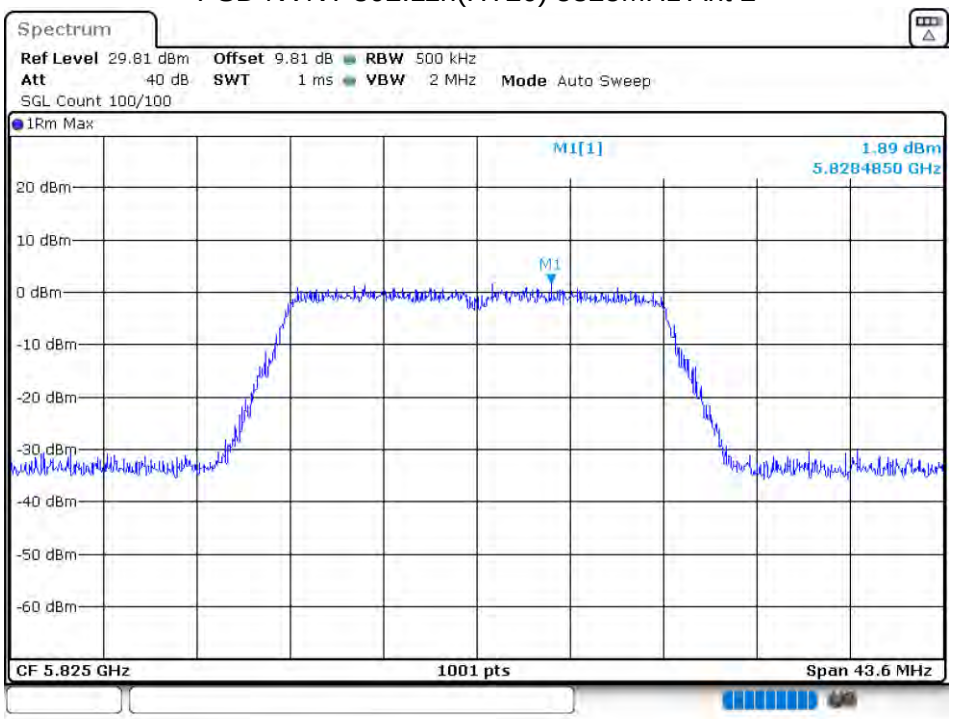
PSD NVNT 802.11n(HT20) 5745MHz Ant 2



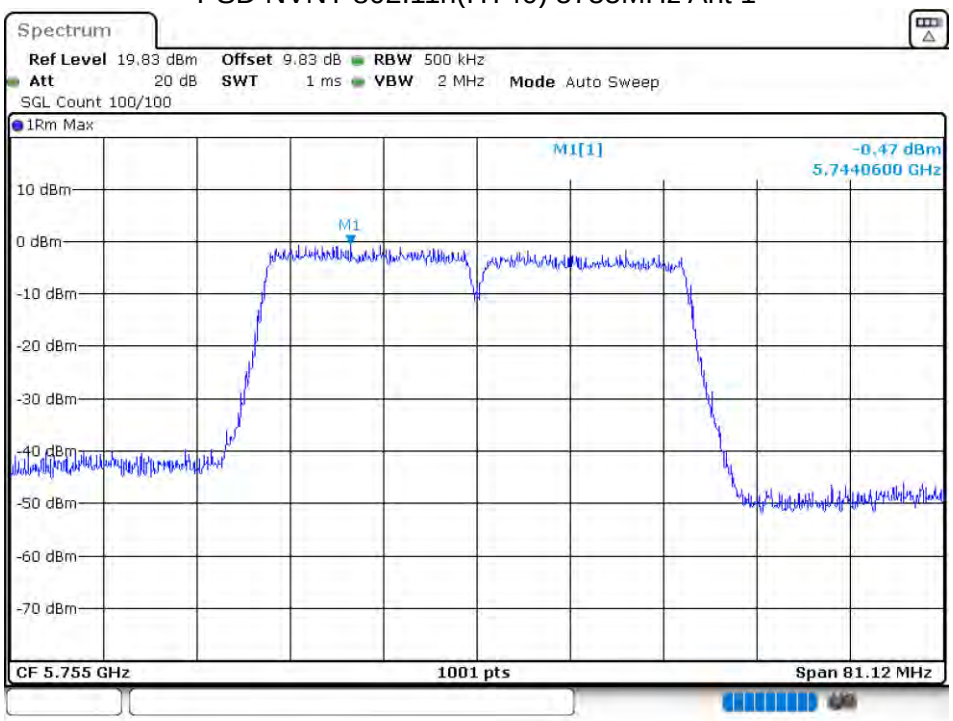
PSD NVNT 802.11n(HT20) 5785MHz Ant 2



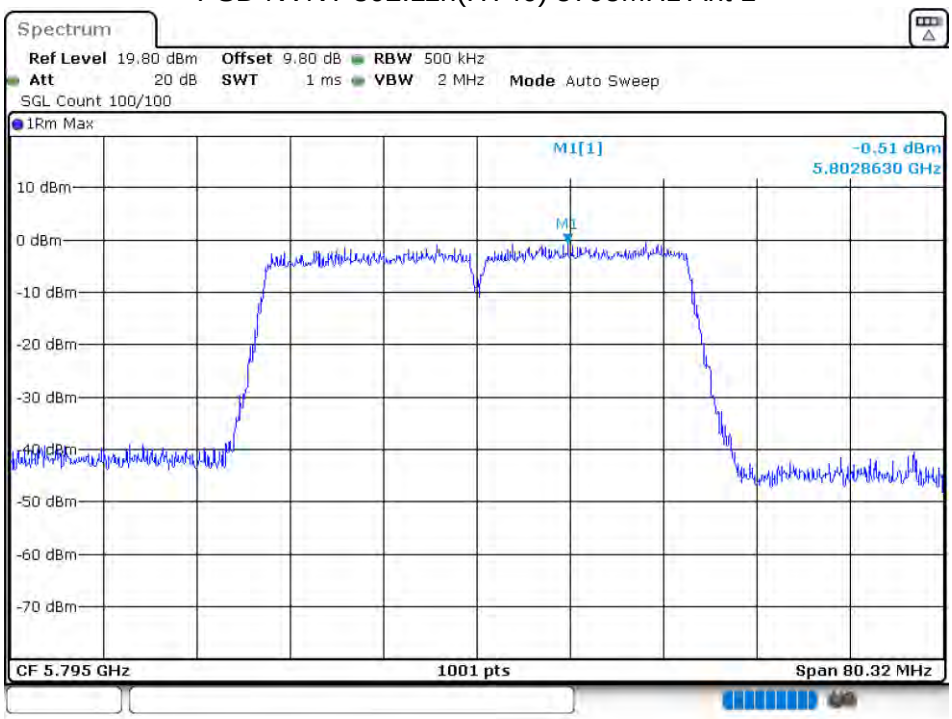
PSD NVNT 802.11n(HT20) 5825MHz Ant 2



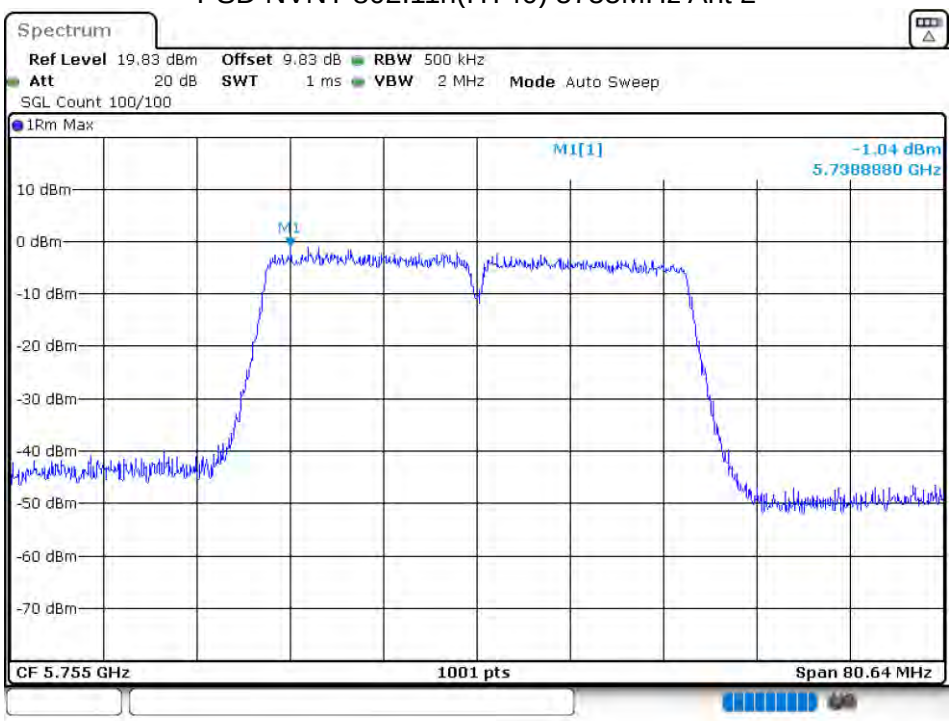
PSD NVNT 802.11n(HT40) 5755MHz Ant 1



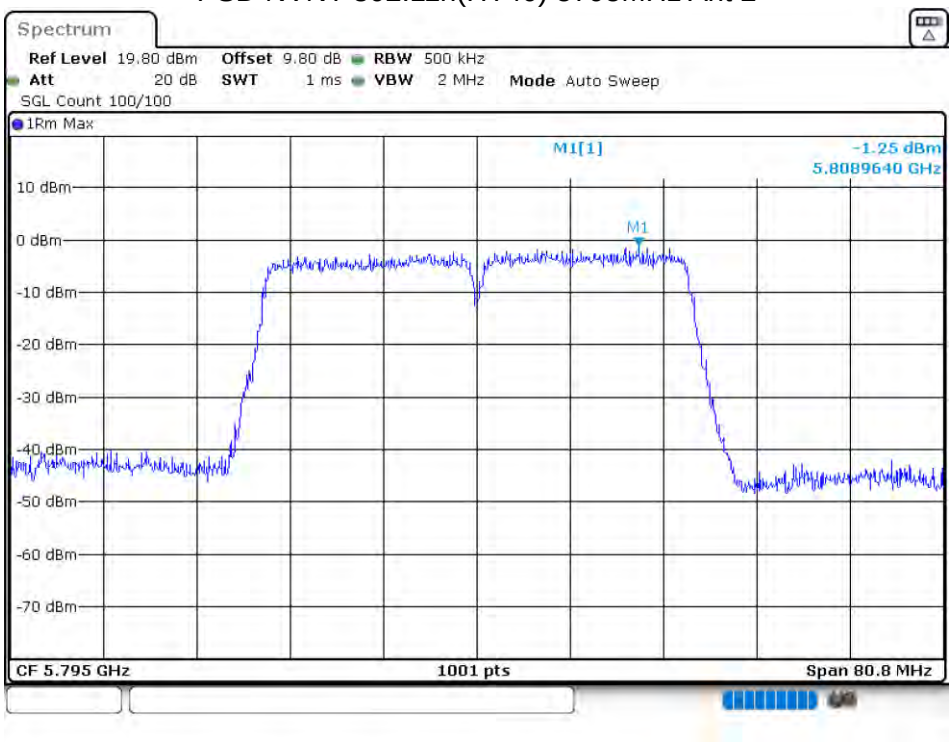
PSD NVNT 802.11n(HT40) 5795MHz Ant 1



PSD NVNT 802.11n(HT40) 5755MHz Ant 2



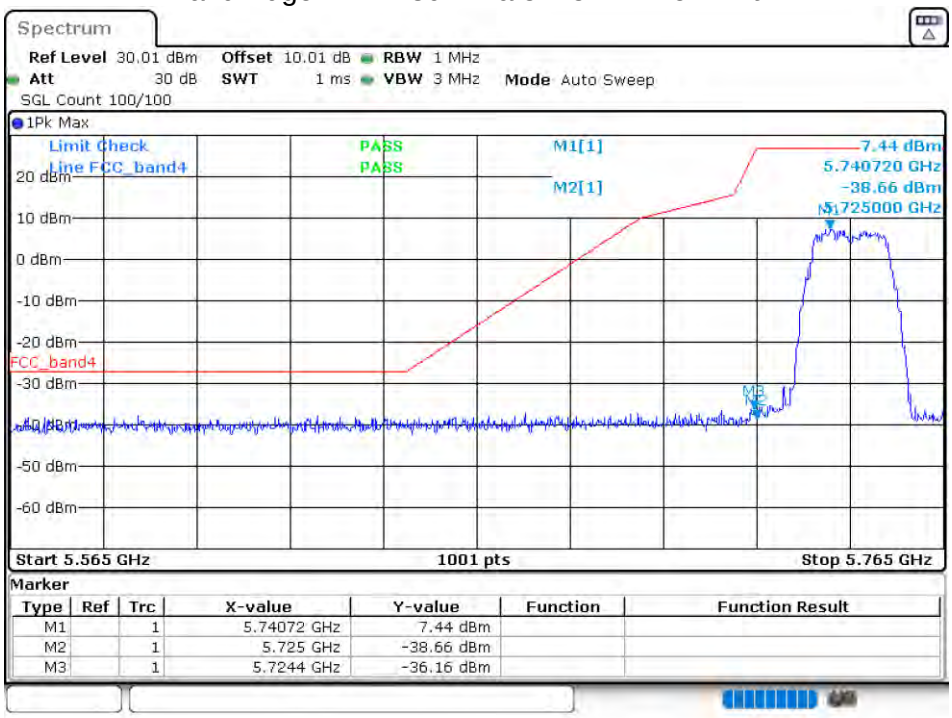
PSD NVNT 802.11n(HT40) 5795MHz Ant 2



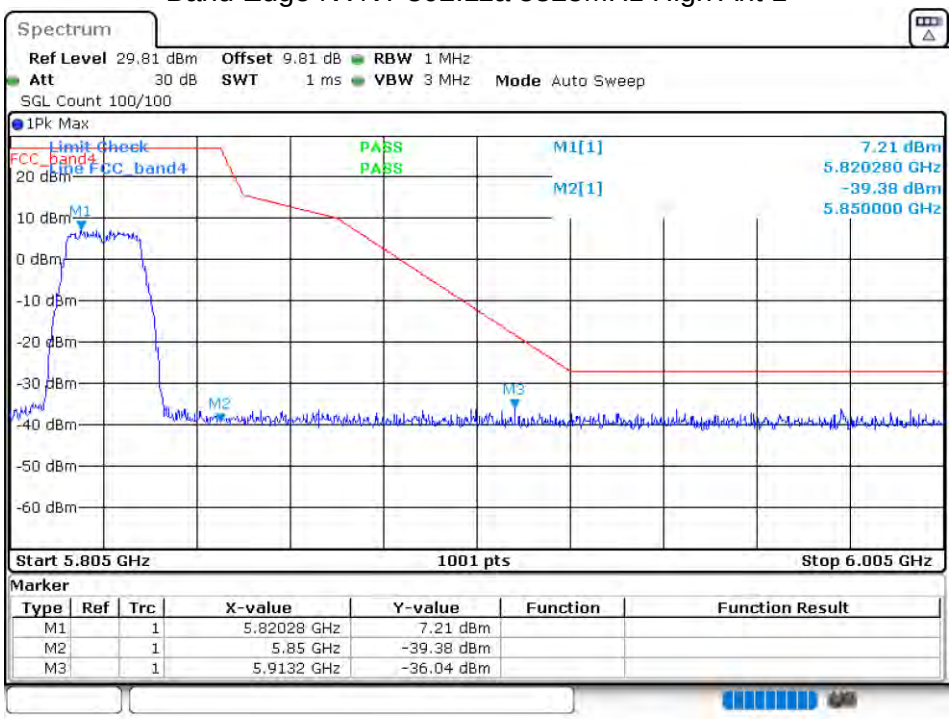
11.4.6 BAND EDGE

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	-36.15	Pass
NVNT	802.11a	5825	Ant 1	-36.03	Pass
NVNT	802.11a	5745	Ant 2	-36.25	Pass
NVNT	802.11a	5825	Ant 2	-36.43	Pass
NVNT	802.11ac20	5745	Ant 1	-36.25	Pass
NVNT	802.11ac20	5825	Ant 1	-36.56	Pass
NVNT	802.11ac20	5745	Ant 2	-36.51	Pass
NVNT	802.11ac20	5825	Ant 2	-35.68	Pass
NVNT	802.11ac40	5755	Ant 1	-32.62	Pass
NVNT	802.11ac40	5795	Ant 1	-35.59	Pass
NVNT	802.11ac40	5755	Ant 2	-34.12	Pass
NVNT	802.11ac40	5795	Ant 2	-36.31	Pass
NVNT	802.11ac80	5775	Ant 1	-36.04	Pass
NVNT	802.11ac80	5775	Ant 1	-33.54	Pass
NVNT	802.11ac80	5775	Ant 2	-36.1	Pass
NVNT	802.11ac80	5775	Ant 2	-34.31	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-33.94	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-35.97	Pass
NVNT	802.11n(HT20)	5745	Ant 2	-36.56	Pass
NVNT	802.11n(HT20)	5825	Ant 2	-35.22	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-33.63	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-35.7	Pass
NVNT	802.11n(HT40)	5755	Ant 2	-33.8	Pass
NVNT	802.11n(HT40)	5795	Ant 2	-36.33	Pass

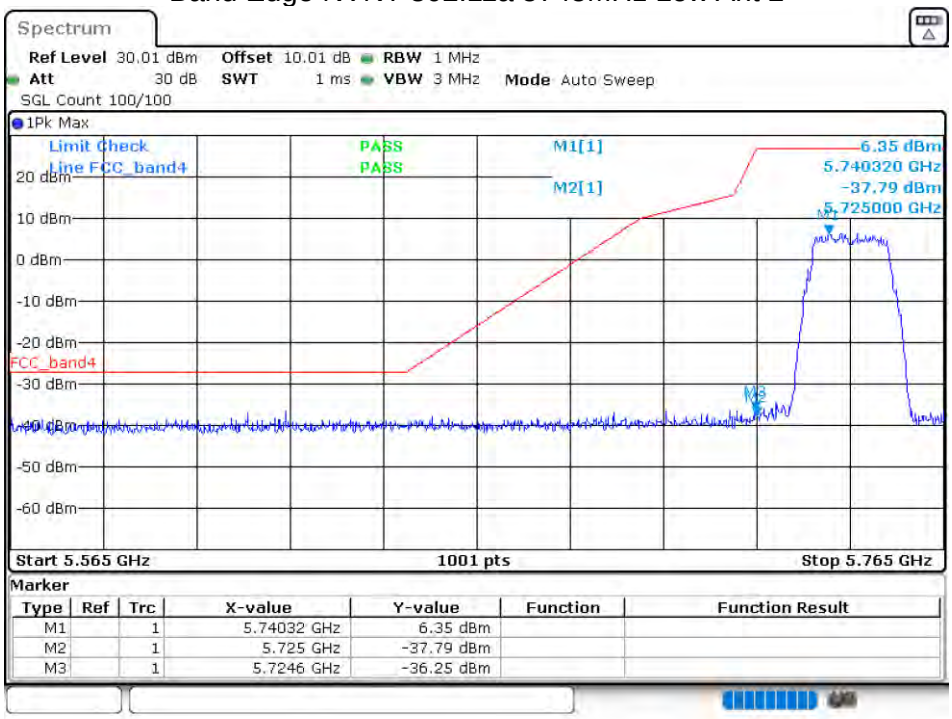
Band Edge NVNT 802.11a 5745MHz Low Ant 1



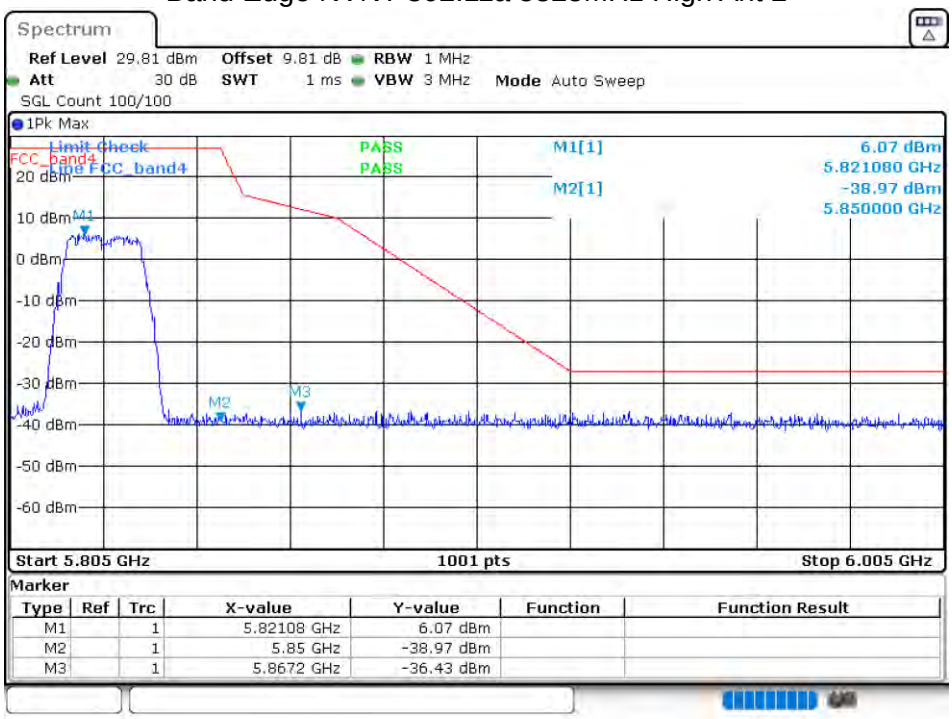
Band Edge NVNT 802.11a 5825MHz High Ant 1



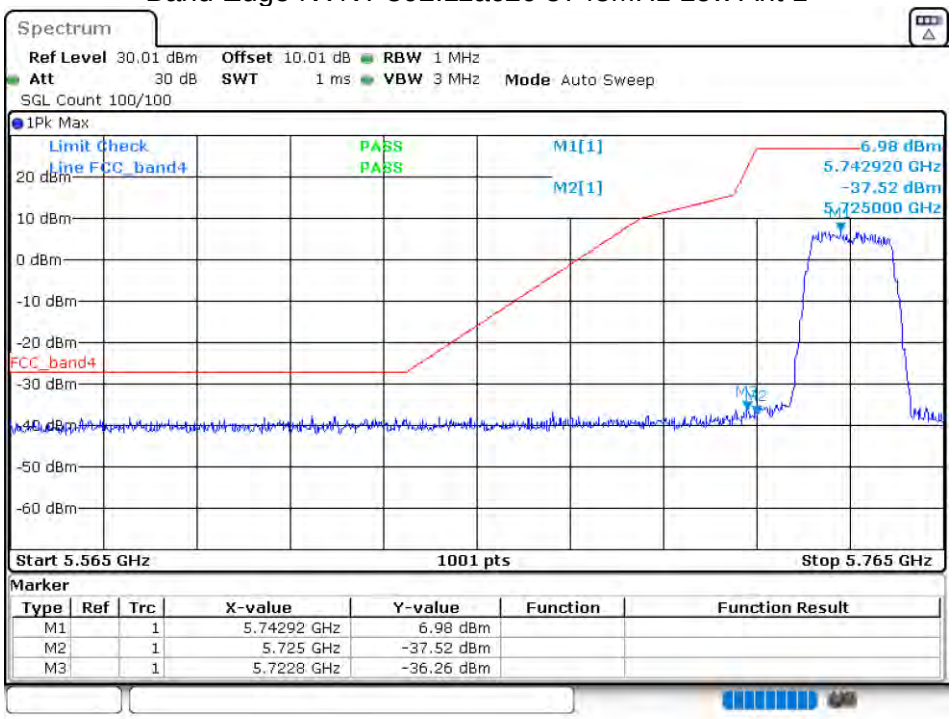
Band Edge NVNT 802.11a 5745MHz Low Ant 2



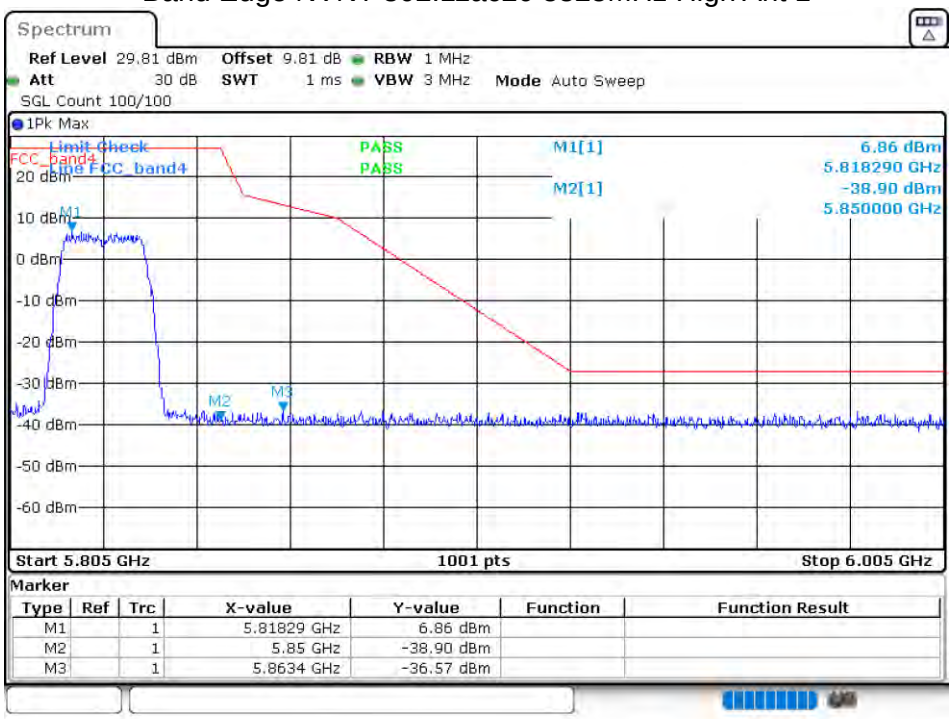
Band Edge NVNT 802.11a 5825MHz High Ant 2



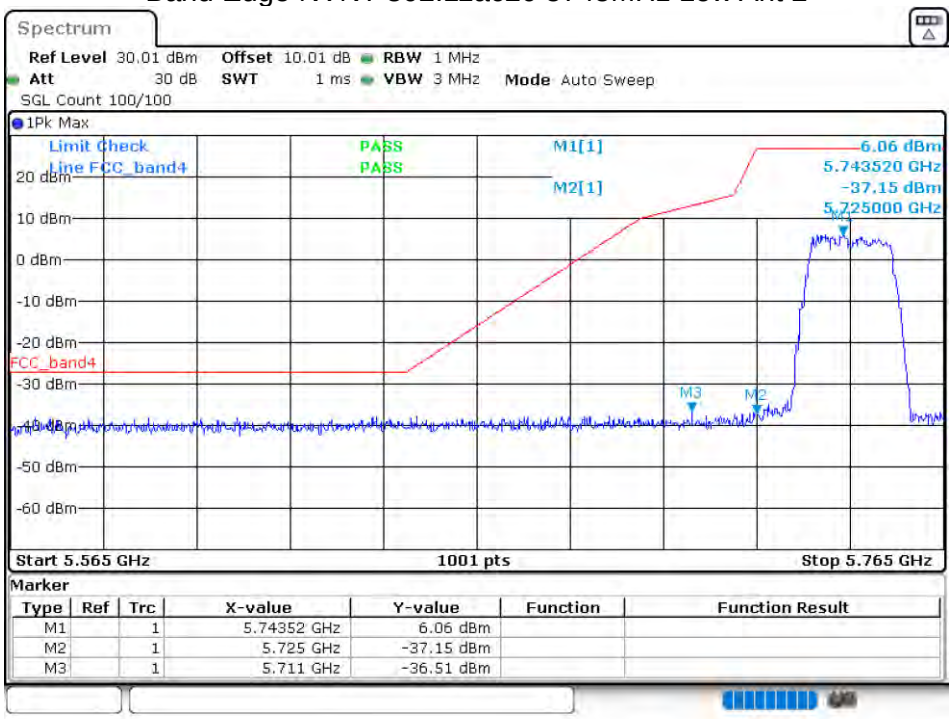
Band Edge NVNT 802.11ac20 5745MHz Low Ant 1



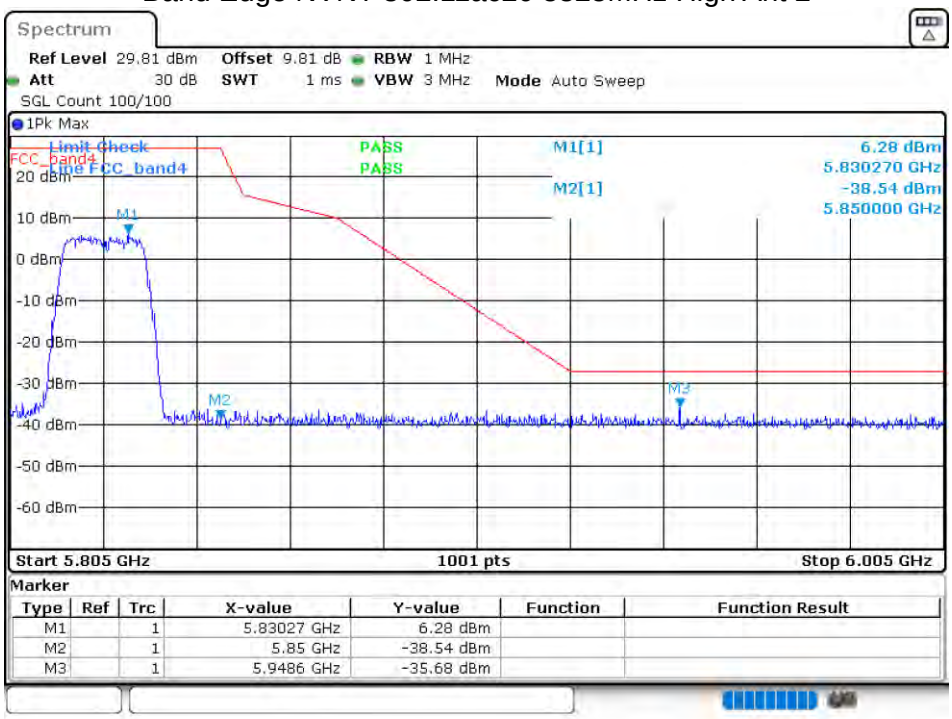
Band Edge NVNT 802.11ac20 5825MHz High Ant 1



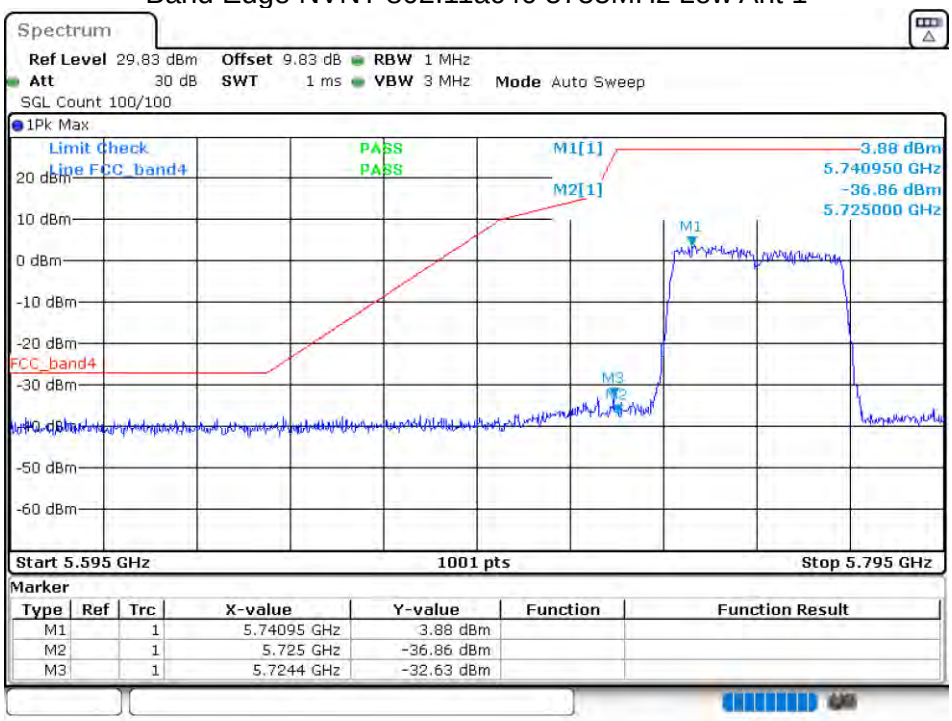
Band Edge NVNT 802.11ac20 5745MHz Low Ant 2



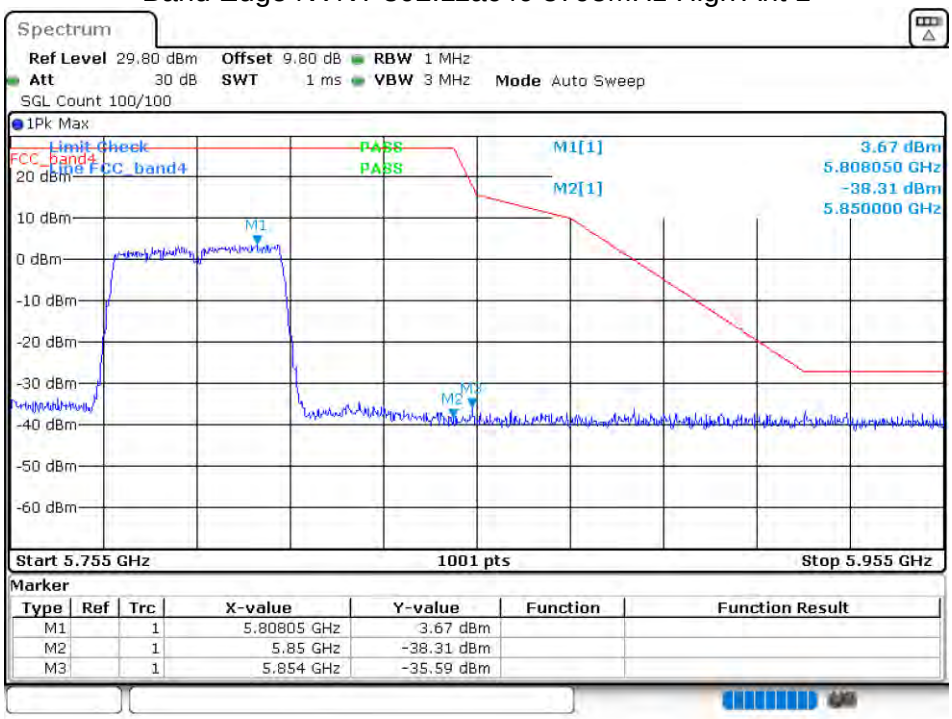
Band Edge NVNT 802.11ac20 5825MHz High Ant 2



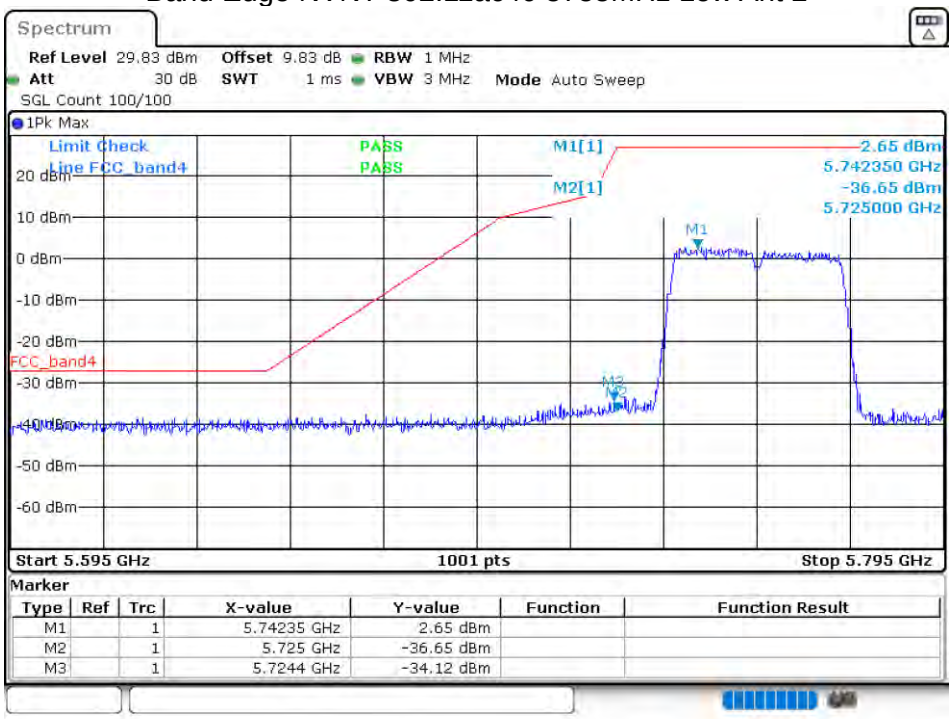
Band Edge NVNT 802.11ac40 5755MHz Low Ant 1



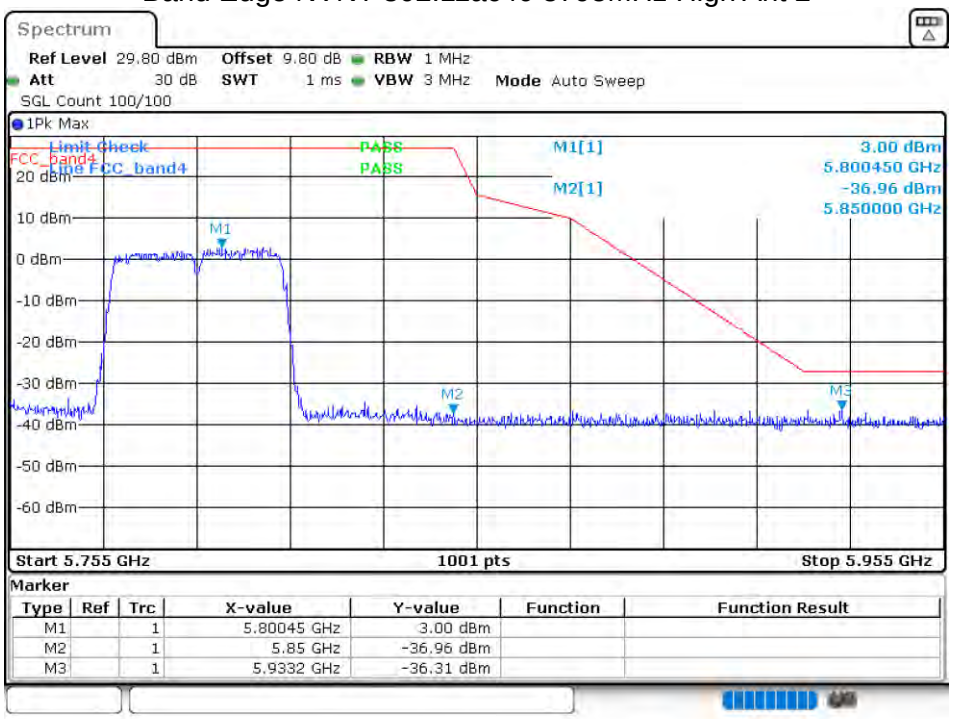
Band Edge NVNT 802.11ac40 5795MHz High Ant 1



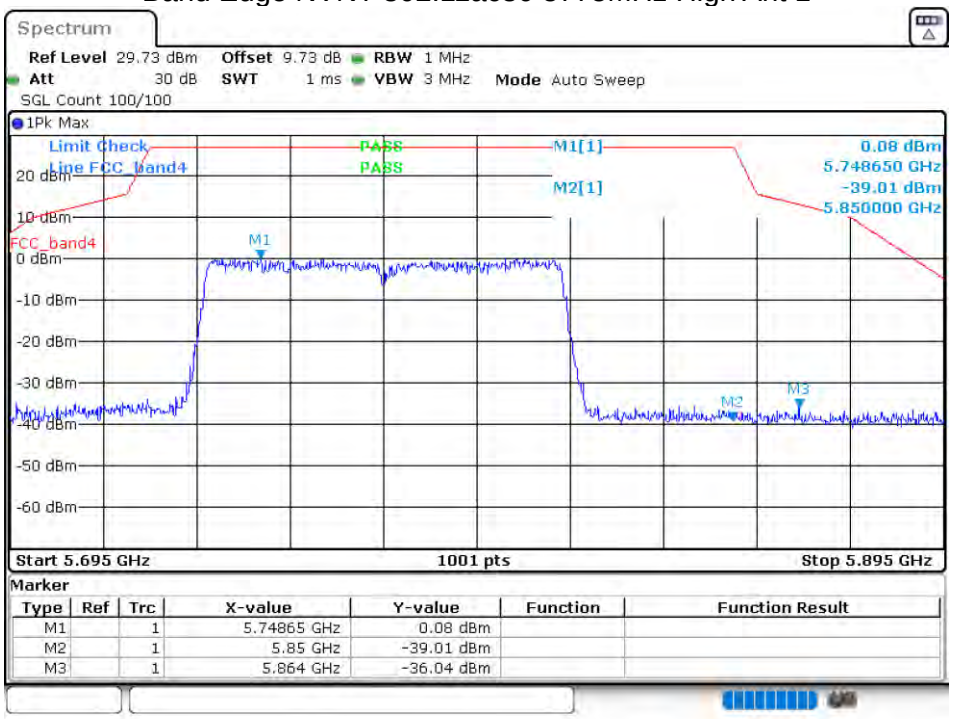
Band Edge NVNT 802.11ac40 5755MHz Low Ant 2



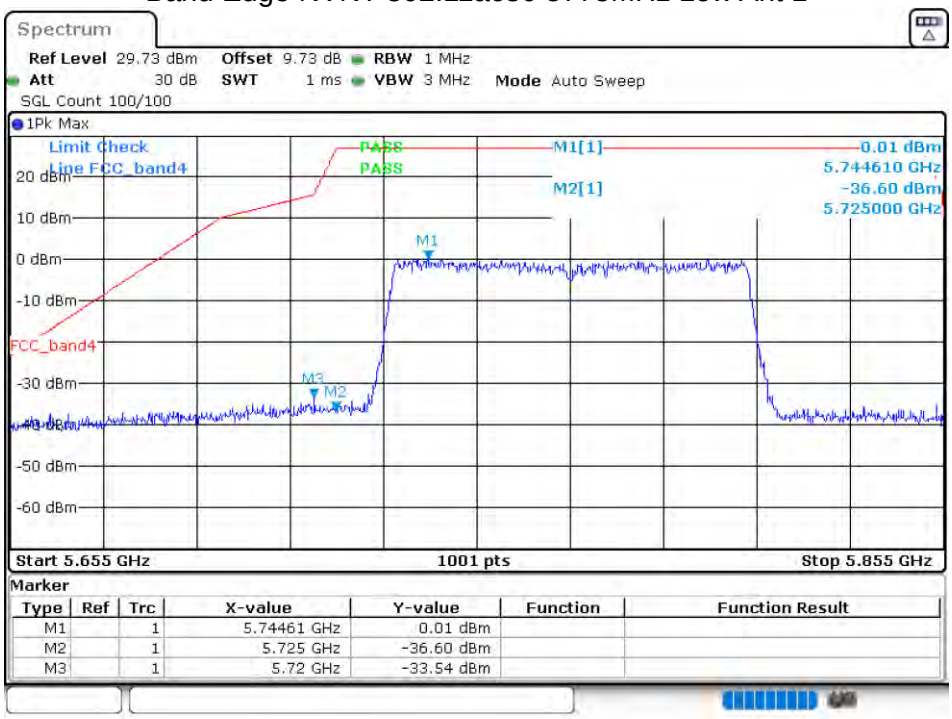
Band Edge NVNT 802.11ac40 5795MHz High Ant 2



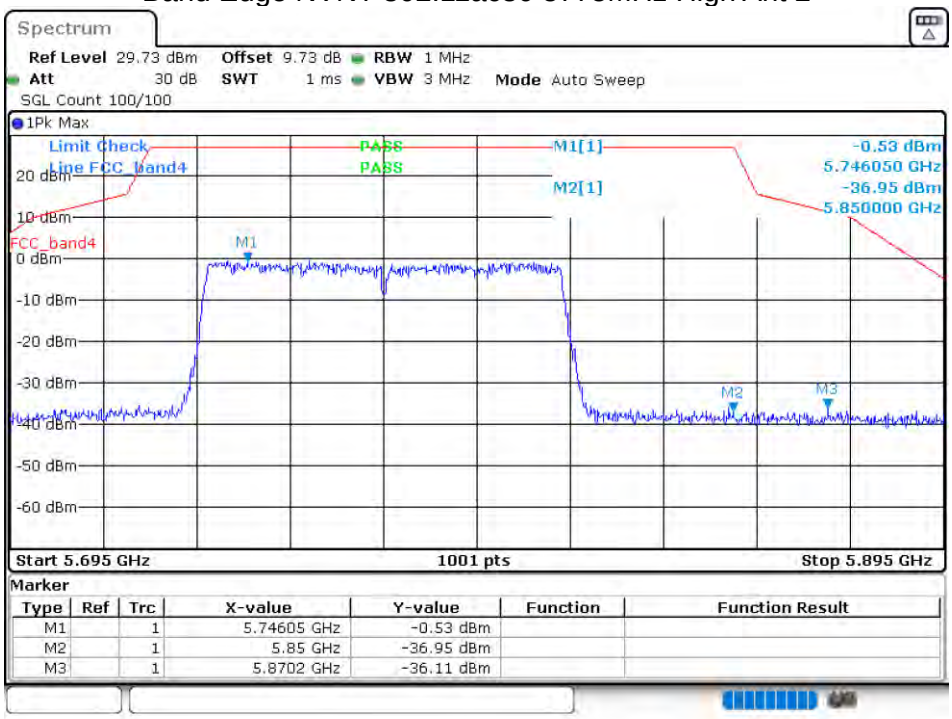
Band Edge NVNT 802.11ac80 5775MHz High Ant 1



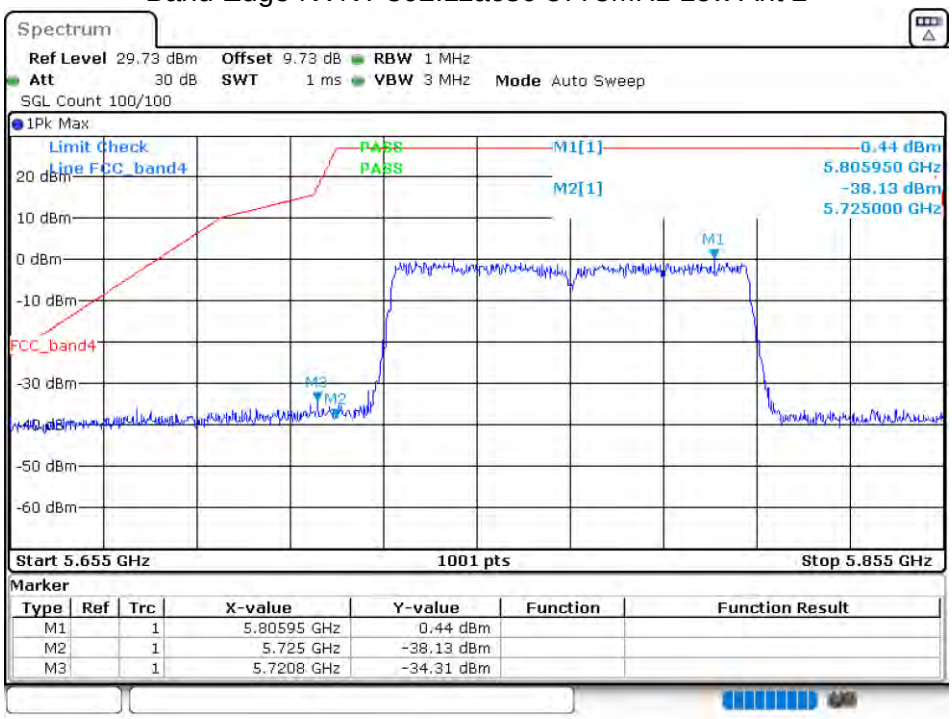
Band Edge NVNT 802.11ac80 5775MHz Low Ant 1



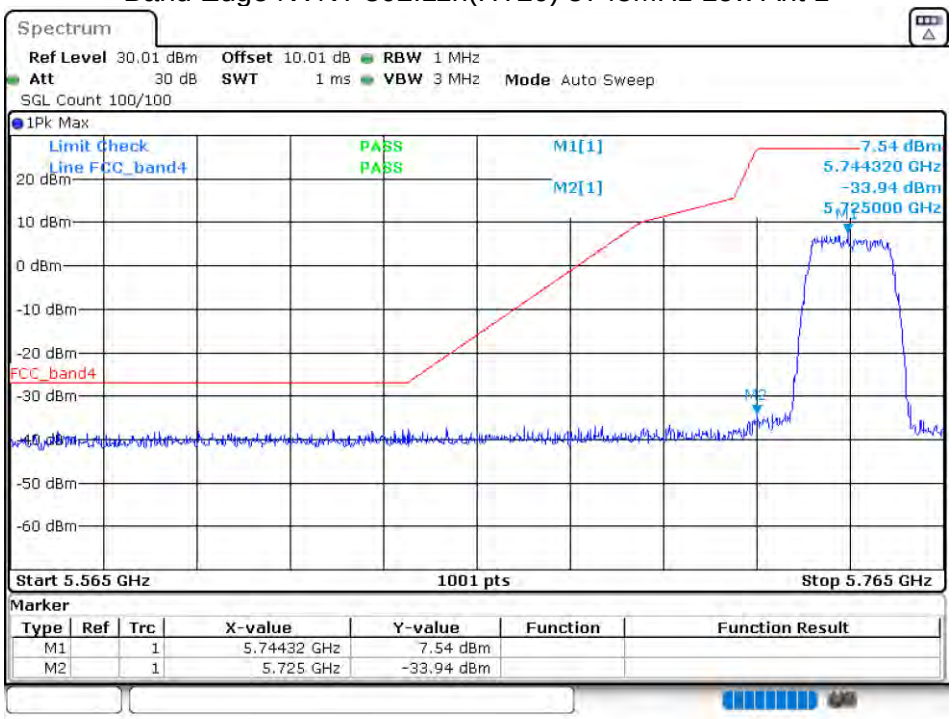
Band Edge NVNT 802.11ac80 5775MHz High Ant 2



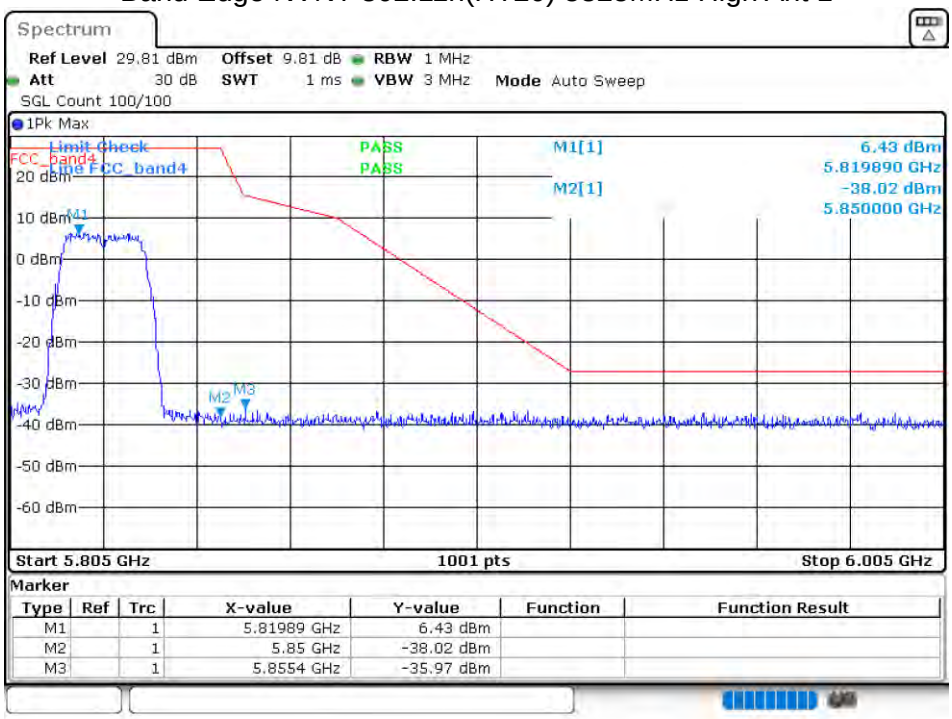
Band Edge NVNT 802.11ac80 5775MHz Low Ant 2



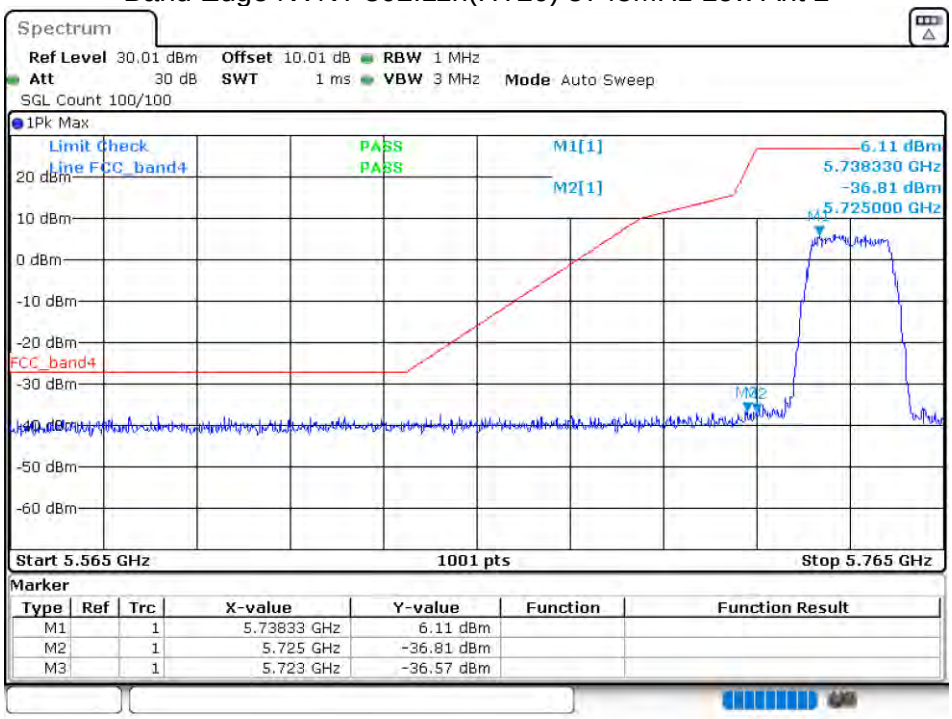
Band Edge NVNT 802.11n(HT20) 5745MHz Low Ant 1



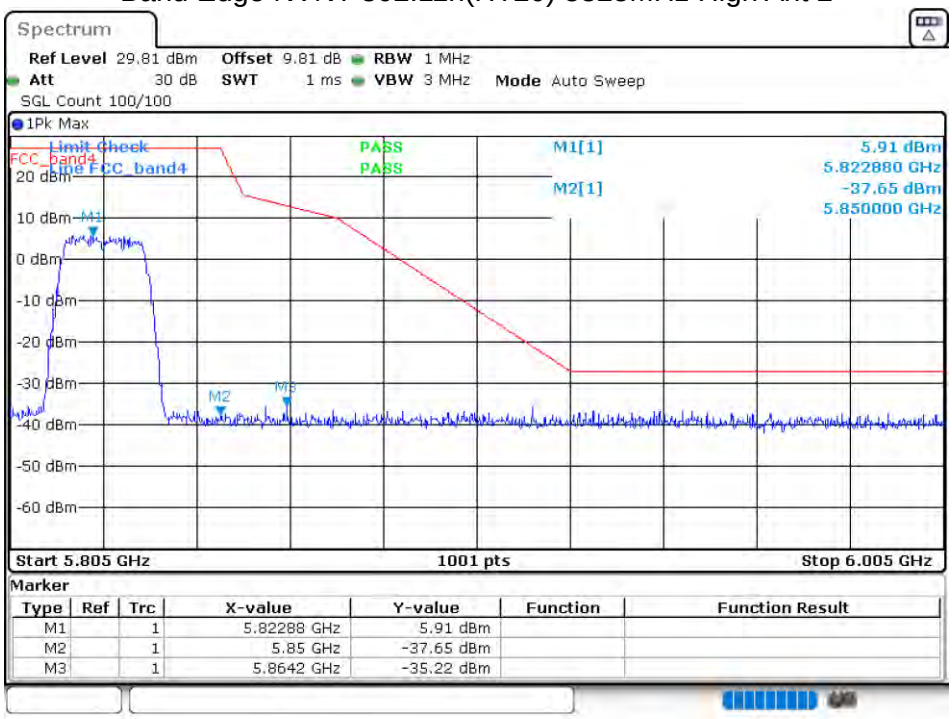
Band Edge NVNT 802.11n(HT20) 5825MHz High Ant 1



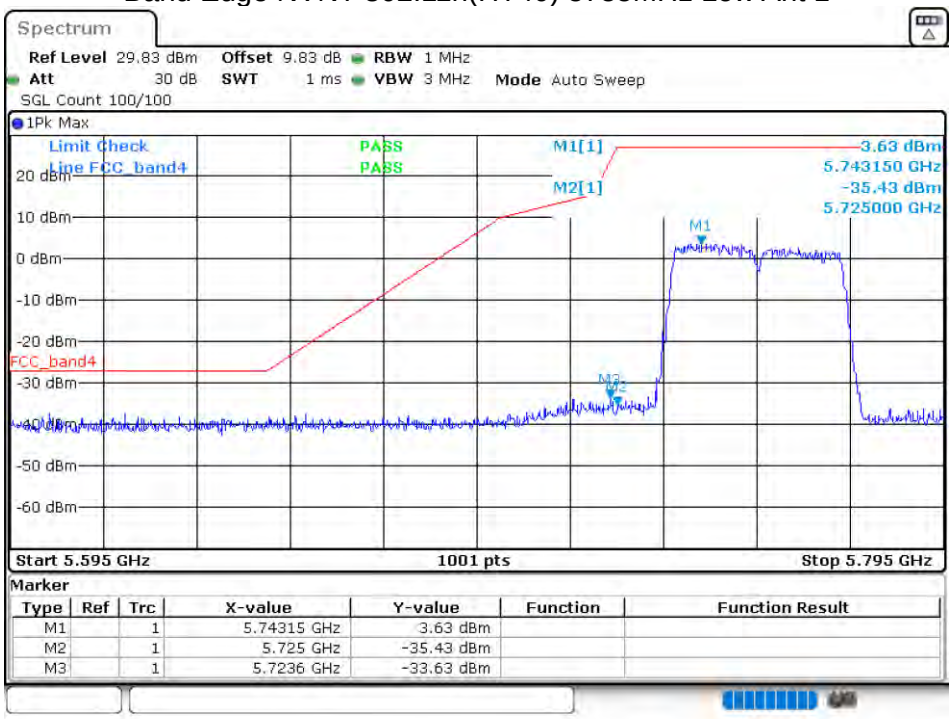
Band Edge NVNT 802.11n(HT20) 5745MHz Low Ant 2



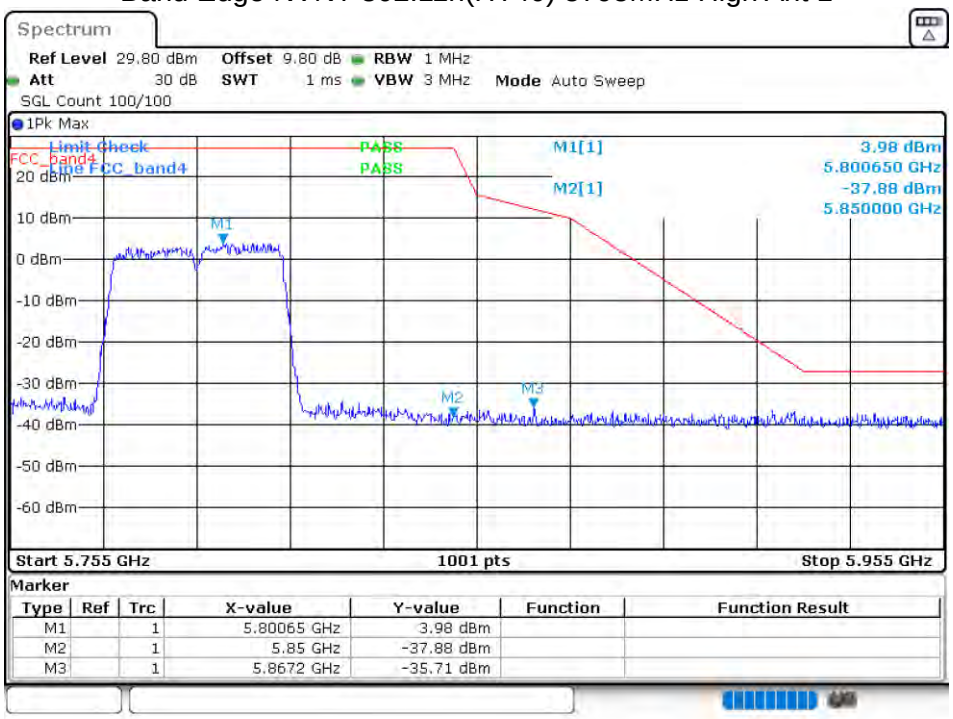
Band Edge NVNT 802.11n(HT20) 5825MHz High Ant 2



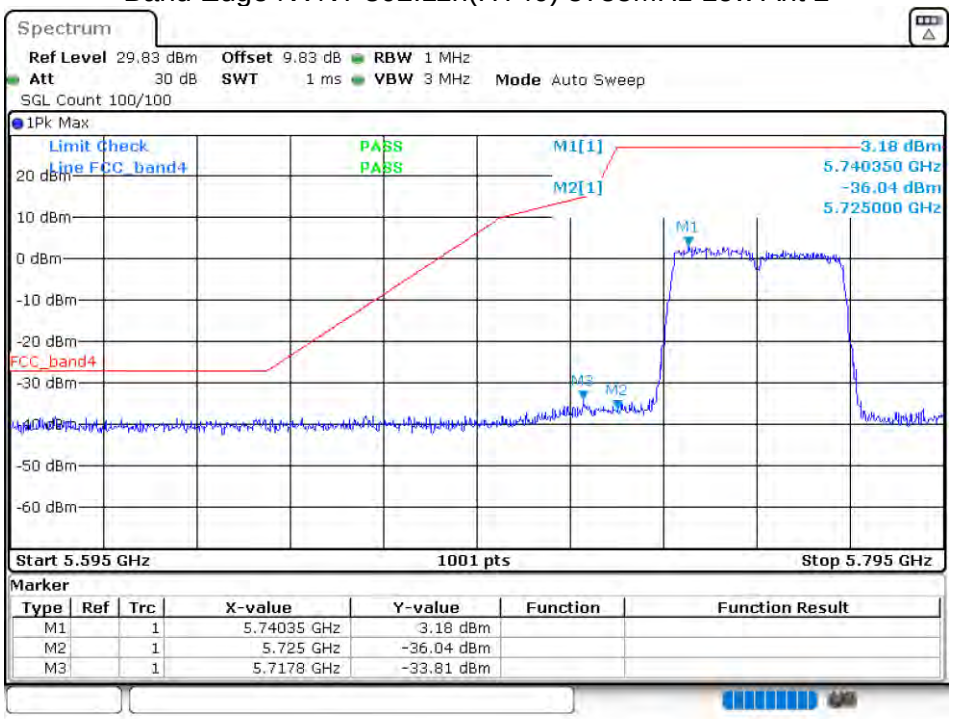
Band Edge NVNT 802.11n(HT40) 5755MHz Low Ant 1



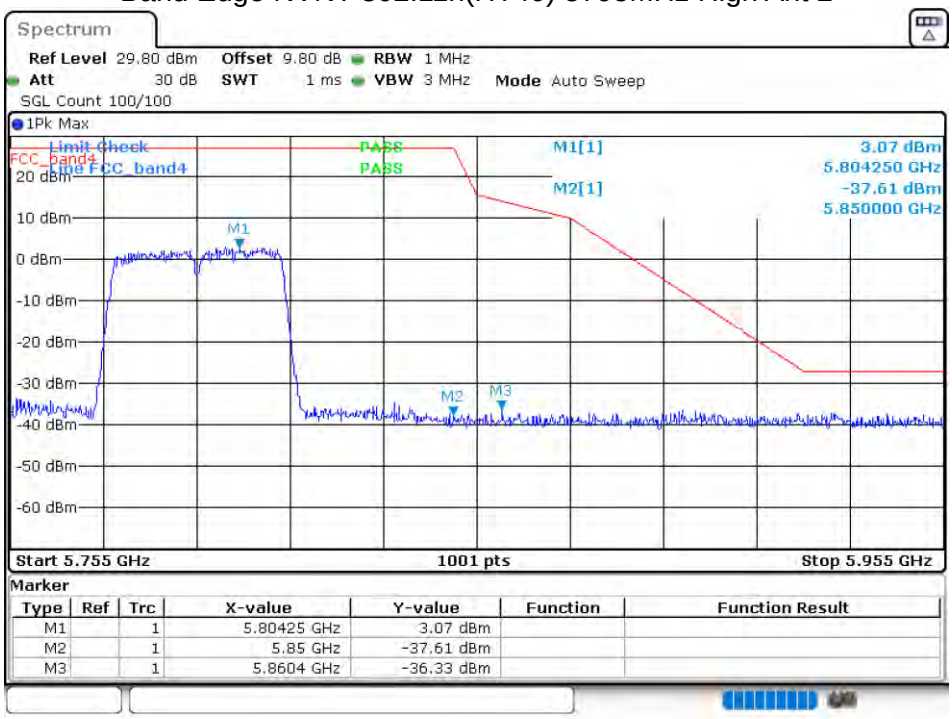
Band Edge NVNT 802.11n(HT40) 5795MHz High Ant 1



Band Edge NVNT 802.11n(HT40) 5755MHz Low Ant 2



Band Edge NVNT 802.11n(HT40) 5795MHz High Ant 2



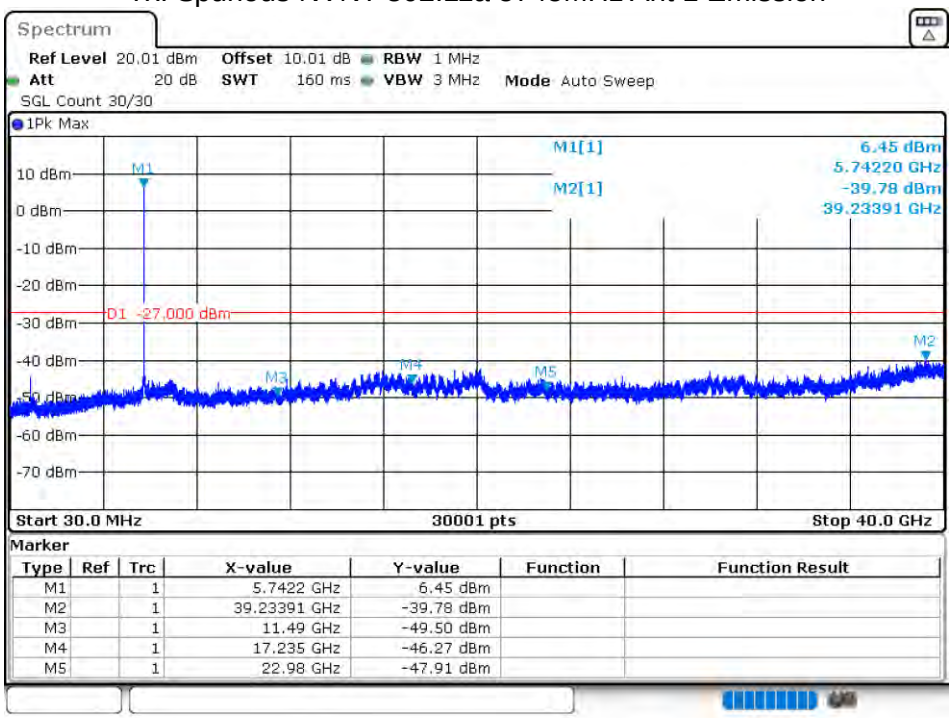
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.80425 GHz	3.07 dBm		
M2		1	5.85 GHz	-37.61 dBm		
M3		1	5.8604 GHz	-36.33 dBm		

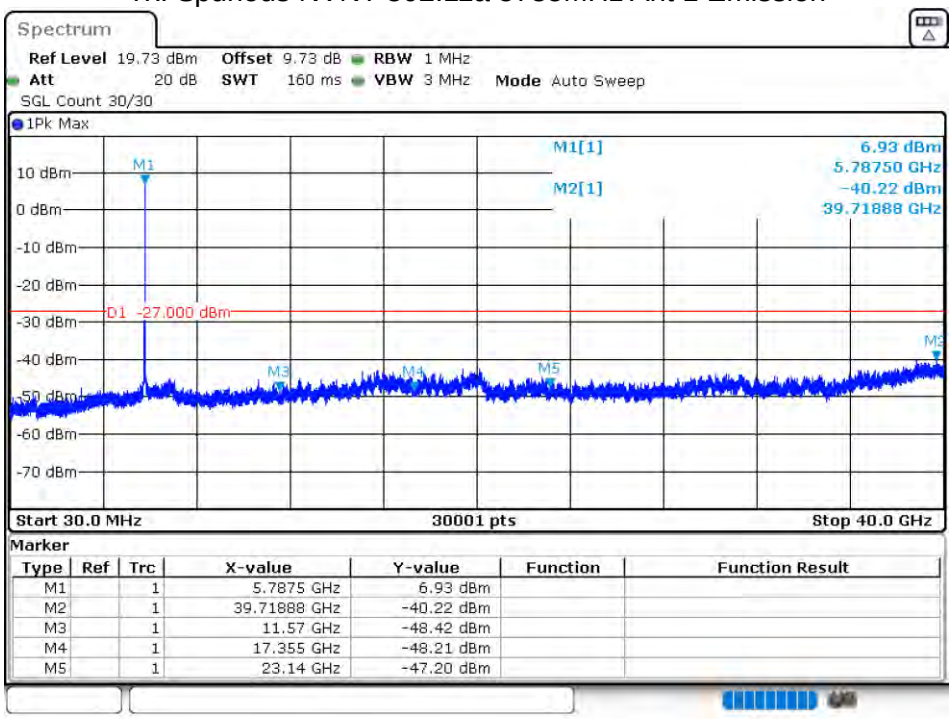
11.4.7 CONDUCTED RF SPURIOUS EMISSION

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11a	5745	Ant 1	-39.77	-27	Pass
NVNT	802.11a	5785	Ant 1	-40.21	-27	Pass
NVNT	802.11a	5825	Ant 1	-40.04	-27	Pass
NVNT	802.11a	5745	Ant 2	-39.39	-27	Pass
NVNT	802.11a	5785	Ant 2	-39.87	-27	Pass
NVNT	802.11a	5825	Ant 2	-40.23	-27	Pass
NVNT	802.11ac20	5745	Ant 1	-39.37	-27	Pass
NVNT	802.11ac20	5785	Ant 1	-40.61	-27	Pass
NVNT	802.11ac20	5825	Ant 1	-40.34	-27	Pass
NVNT	802.11ac20	5745	Ant 2	-39.9	-27	Pass
NVNT	802.11ac20	5785	Ant 2	-39.94	-27	Pass
NVNT	802.11ac20	5825	Ant 2	-40.23	-27	Pass
NVNT	802.11ac40	5755	Ant 1	-40.18	-27	Pass
NVNT	802.11ac40	5795	Ant 1	-40.01	-27	Pass
NVNT	802.11ac40	5755	Ant 2	-40.11	-27	Pass
NVNT	802.11ac40	5795	Ant 2	-40.29	-27	Pass
NVNT	802.11ac80	5775	Ant 1	-40.6	-27	Pass
NVNT	802.11ac80	5775	Ant 2	-40.73	-27	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-39.71	-27	Pass
NVNT	802.11n(HT20)	5785	Ant 1	-40.31	-27	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-39.88	-27	Pass
NVNT	802.11n(HT20)	5745	Ant 2	-39.42	-27	Pass
NVNT	802.11n(HT20)	5785	Ant 2	-40.63	-27	Pass
NVNT	802.11n(HT20)	5825	Ant 2	-40.12	-27	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-39.64	-27	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-40.61	-27	Pass
NVNT	802.11n(HT40)	5755	Ant 2	-40.46	-27	Pass
NVNT	802.11n(HT40)	5795	Ant 2	-40.19	-27	Pass

Tx. Spurious NVNT 802.11a 5745MHz Ant 1 Emission



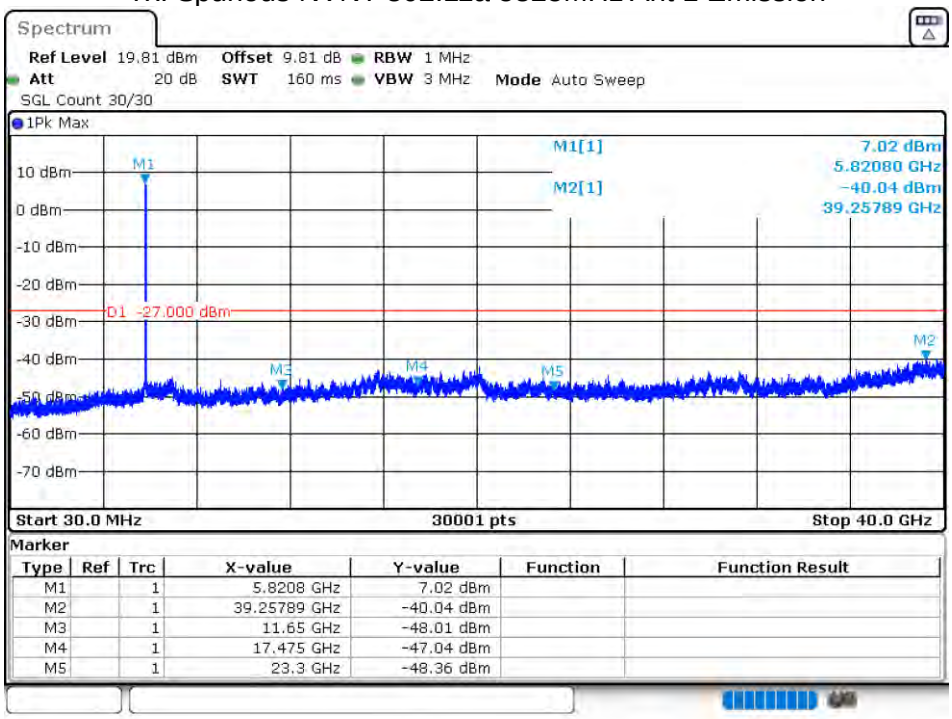
Tx. Spurious NVNT 802.11a 5785MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7875 GHz	6.93 dBm		
M2		1	39.71888 GHz	-40.22 dBm		
M3		1	11.57 GHz	-48.42 dBm		
M4		1	17.355 GHz	-48.21 dBm		
M5		1	23.14 GHz	-47.20 dBm		

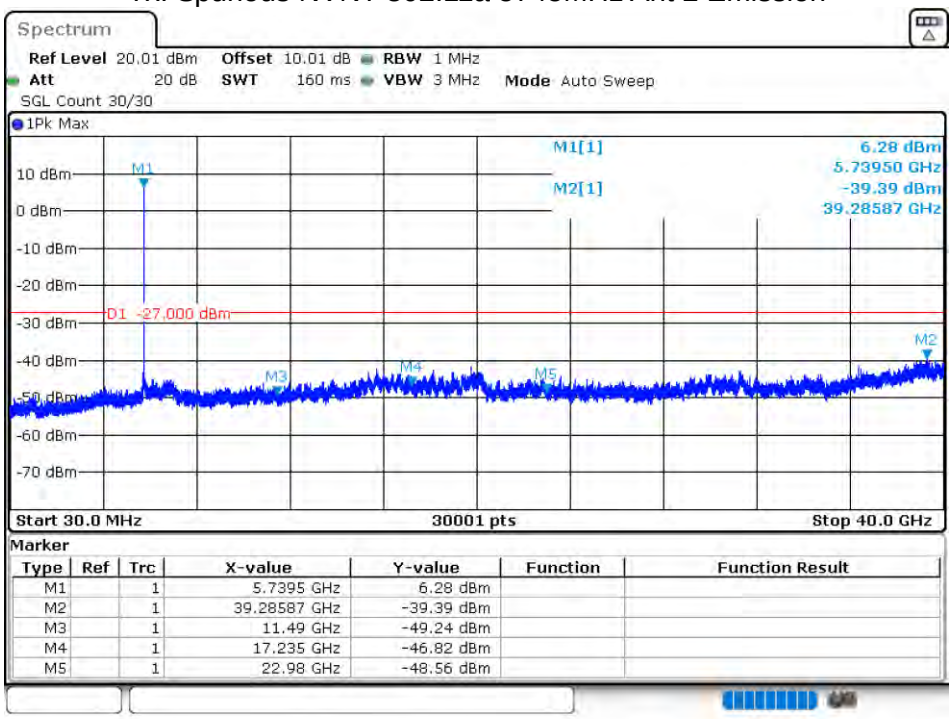
Tx. Spurious NVNT 802.11a 5825MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8208 GHz	7.02 dBm		
M2		1	39.25789 GHz	-40.04 dBm		
M3		1	11.65 GHz	-48.01 dBm		
M4		1	17.475 GHz	-47.04 dBm		
M5		1	23.3 GHz	-48.36 dBm		

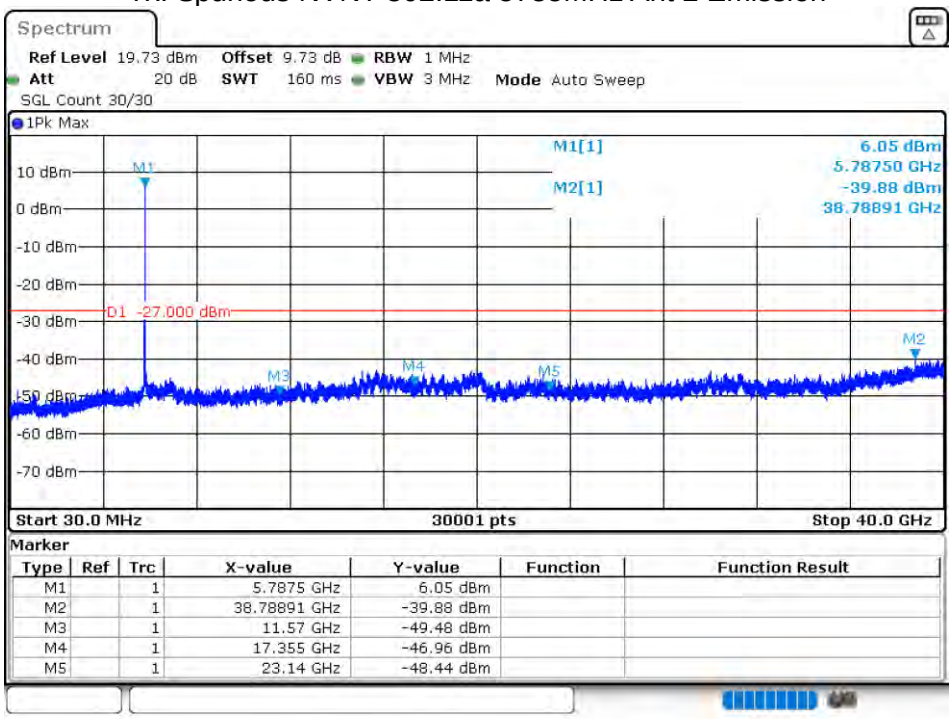
Tx. Spurious NVNT 802.11a 5745MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7395 GHz	6.28 dBm		
M2		1	39.28587 GHz	-39.39 dBm		
M3		1	11.49 GHz	-49.24 dBm		
M4		1	17.235 GHz	-46.82 dBm		
M5		1	22.98 GHz	-48.56 dBm		

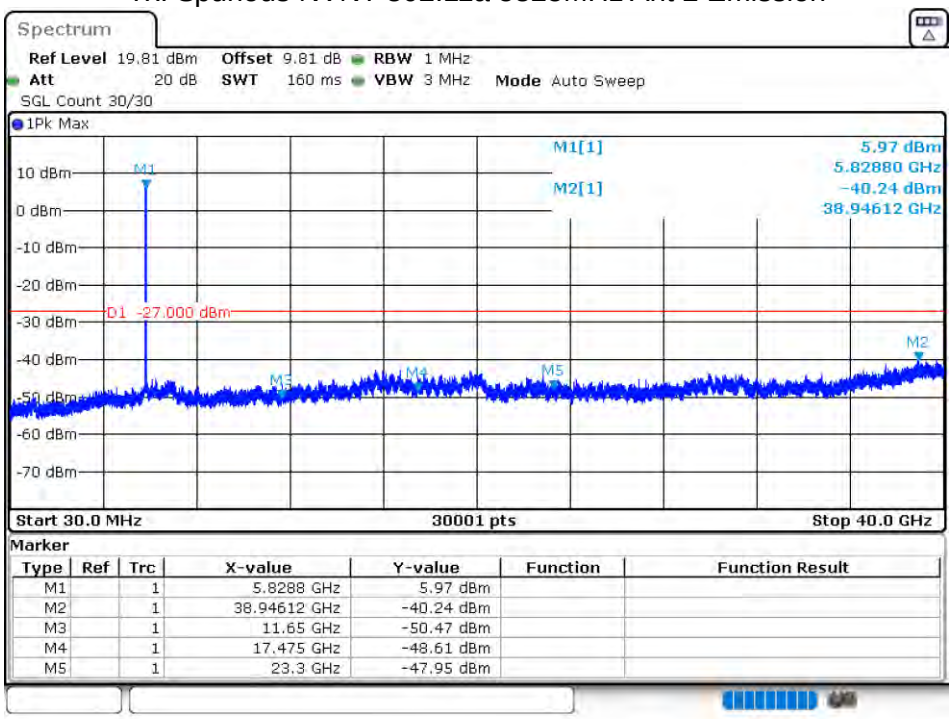
Tx. Spurious NVNT 802.11a 5785MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7875 GHz	6.05 dBm		
M2		1	38.78891 GHz	-39.88 dBm		
M3		1	11.57 GHz	-49.48 dBm		
M4		1	17.355 GHz	-46.96 dBm		
M5		1	23.14 GHz	-48.44 dBm		

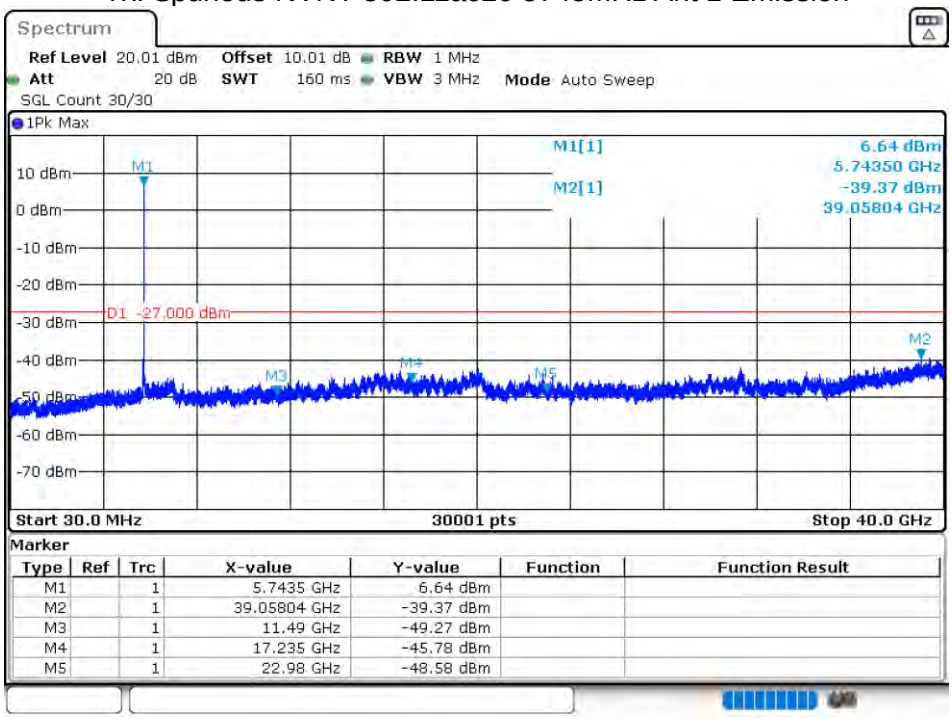
Tx. Spurious NVNT 802.11a 5825MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8288 GHz	5.97 dBm		
M2		1	38.94612 GHz	-40.24 dBm		
M3		1	11.65 GHz	-50.47 dBm		
M4		1	17.475 GHz	-48.61 dBm		
M5		1	23.3 GHz	-47.95 dBm		

Tx. Spurious NVNT 802.11ac20 5745MHz Ant 1 Emission



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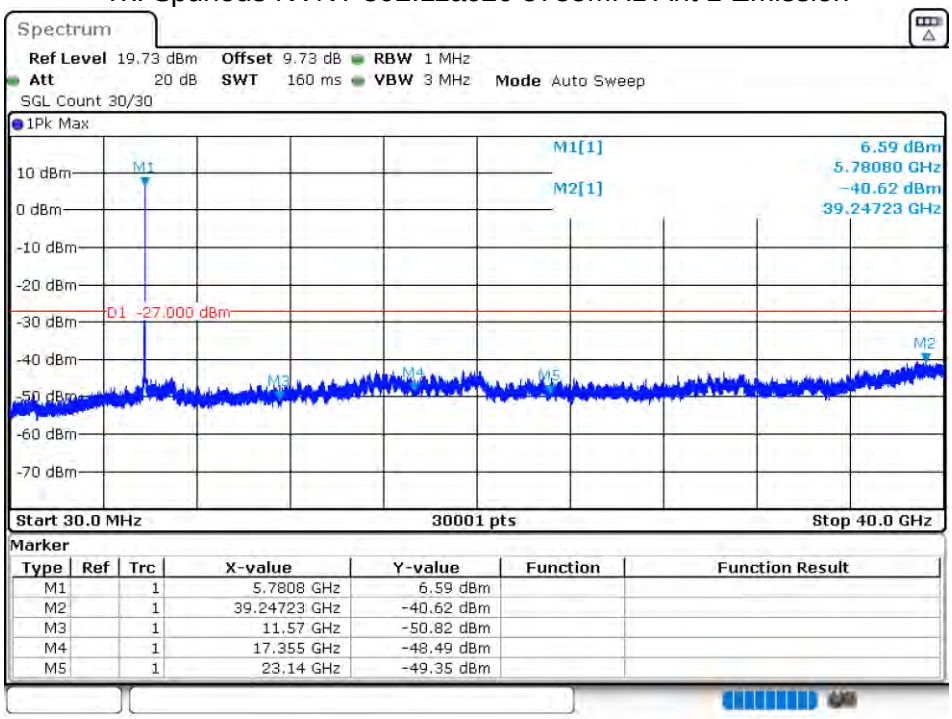
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7435 GHz	6.64 dBm		
M2		1	39.05804 GHz	-39.37 dBm		
M3		1	11.49 GHz	-49.27 dBm		
M4		1	17.235 GHz	-45.78 dBm		
M5		1	22.98 GHz	-48.58 dBm		

Tx. Spurious NVNT 802.11ac20 5785MHz Ant 1 Emission



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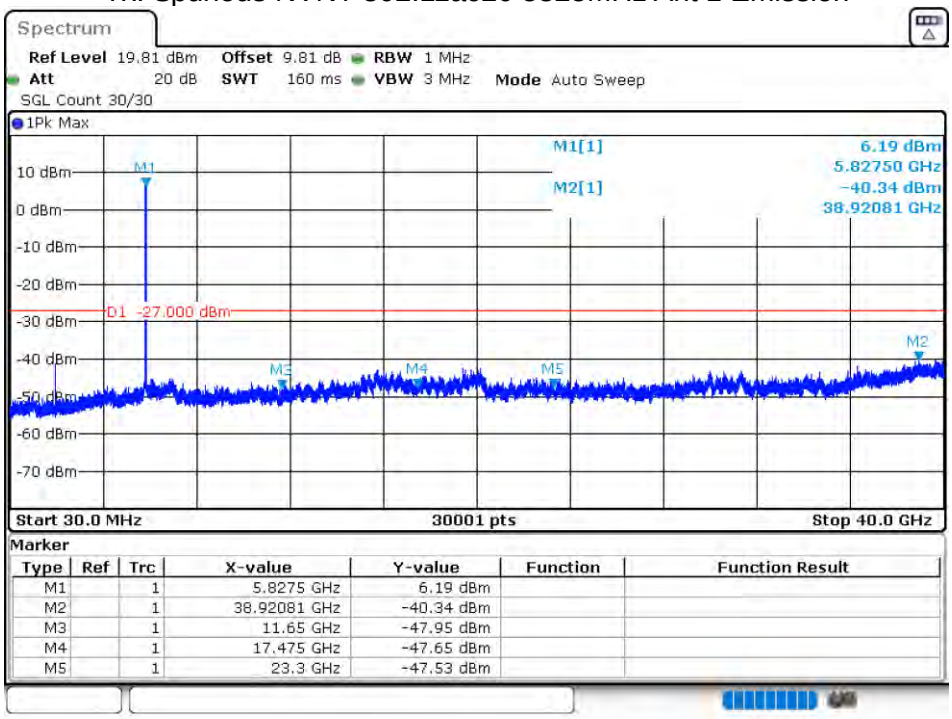
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7808 GHz	6.59 dBm		
M2		1	39.24723 GHz	-40.62 dBm		
M3		1	11.57 GHz	-50.82 dBm		
M4		1	17.355 GHz	-48.49 dBm		
M5		1	23.14 GHz	-49.35 dBm		

Tx. Spurious NVNT 802.11ac20 5825MHz Ant 1 Emission



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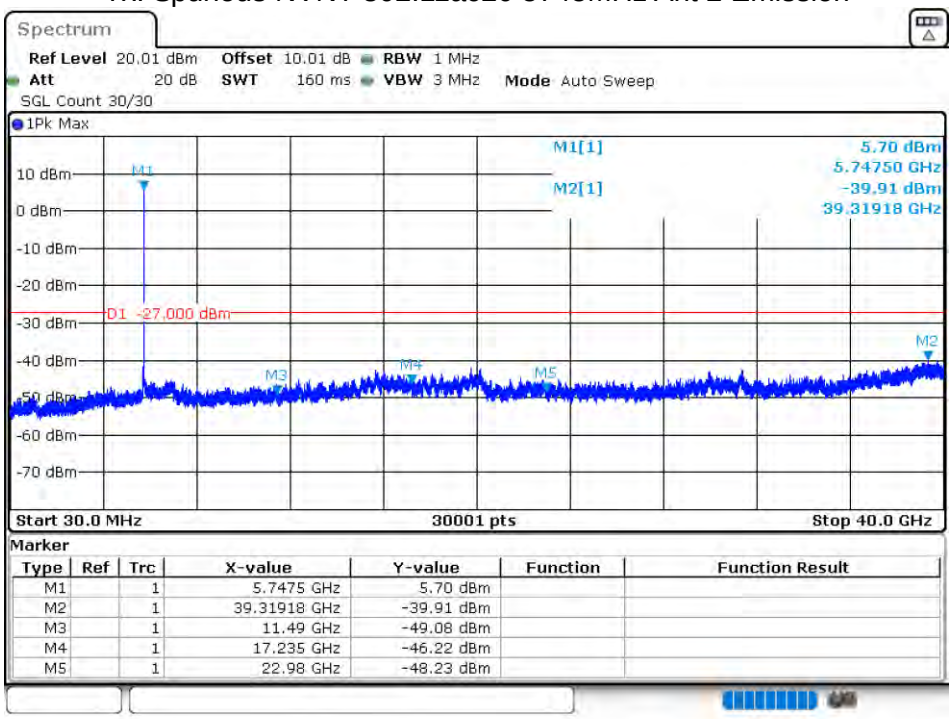
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8275 GHz	6.19 dBm		
M2		1	38.92081 GHz	-40.34 dBm		
M3		1	11.65 GHz	-47.95 dBm		
M4		1	17.475 GHz	-47.65 dBm		
M5		1	23.3 GHz	-47.53 dBm		

Tx. Spurious NVNT 802.11ac20 5745MHz Ant 2 Emission



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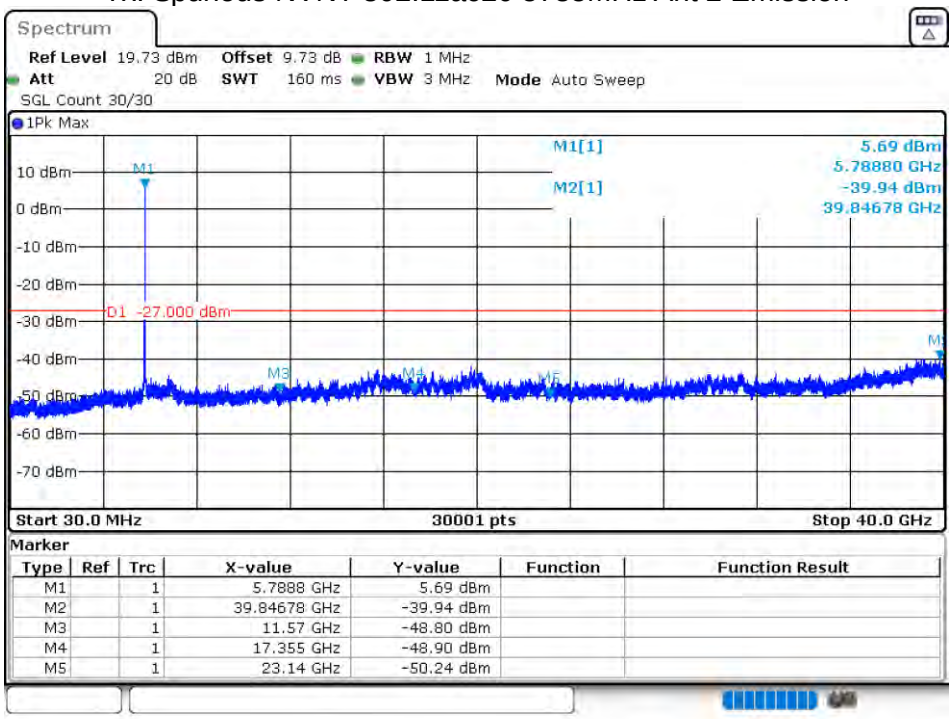
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7475 GHz	5.70 dBm		
M2		1	39.31918 GHz	-39.91 dBm		
M3		1	11.49 GHz	-49.08 dBm		
M4		1	17.235 GHz	-46.22 dBm		
M5		1	22.98 GHz	-48.23 dBm		

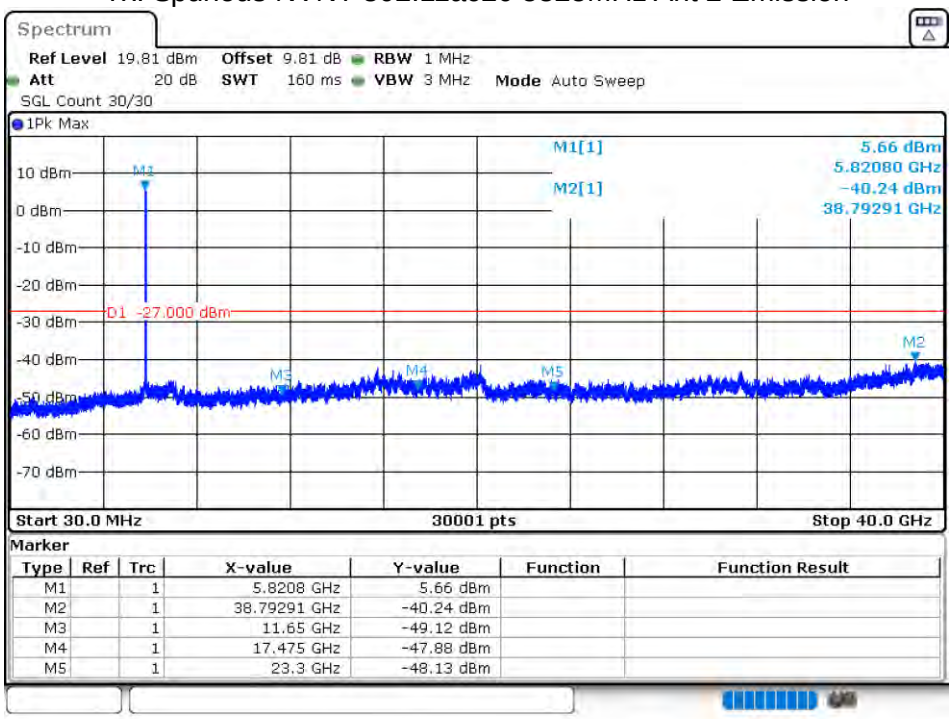
Tx. Spurious NVNT 802.11ac20 5785MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7888 GHz	5.69 dBm		
M2		1	39.84678 GHz	-39.94 dBm		
M3		1	11.57 GHz	-48.80 dBm		
M4		1	17.355 GHz	-48.90 dBm		
M5		1	23.14 GHz	-50.24 dBm		

Tx. Spurious NVNT 802.11ac20 5825MHz Ant 2 Emission



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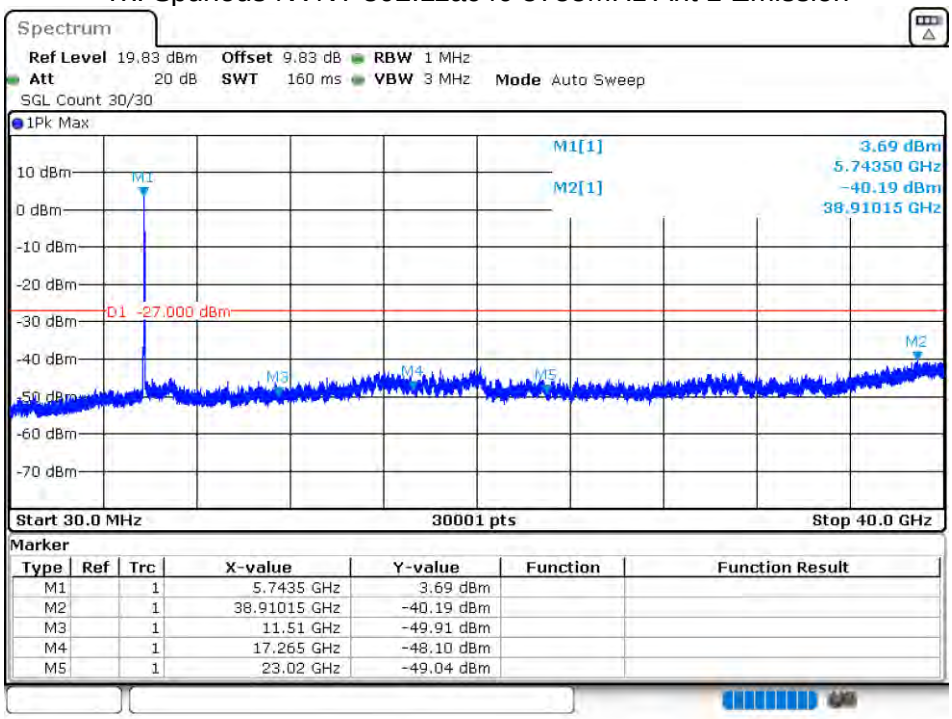
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8208 GHz	5.66 dBm		
M2		1	38.79291 GHz	-40.24 dBm		
M3		1	11.65 GHz	-49.12 dBm		
M4		1	17.475 GHz	-47.88 dBm		
M5		1	23.3 GHz	-48.13 dBm		

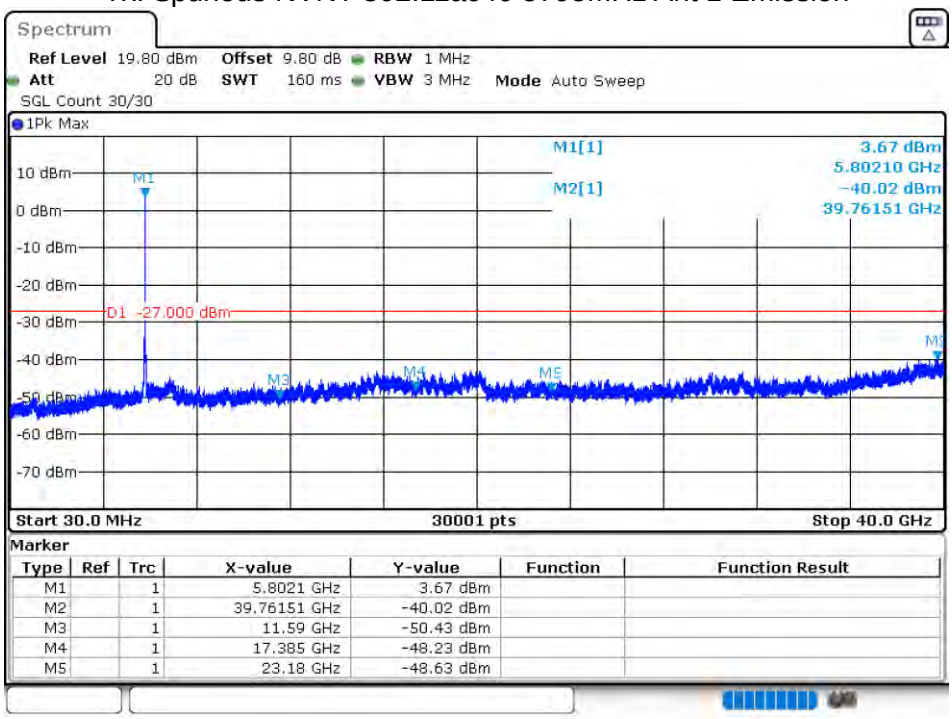
Tx. Spurious NVNT 802.11ac40 5755MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7435 GHz	3.69 dBm		
M2		1	38.91015 GHz	-40.19 dBm		
M3		1	11.51 GHz	-49.91 dBm		
M4		1	17.265 GHz	-48.10 dBm		
M5		1	23.02 GHz	-49.04 dBm		

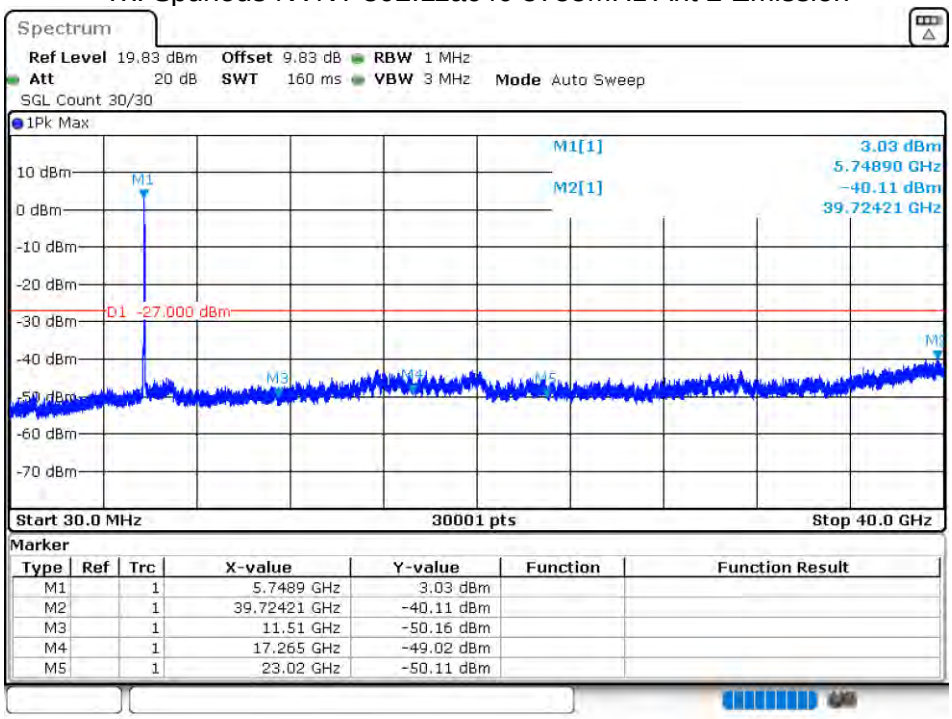
Tx. Spurious NVNT 802.11ac40 5795MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8021 GHz	3.67 dBm		
M2		1	39.76151 GHz	-40.02 dBm		
M3		1	11.59 GHz	-50.43 dBm		
M4		1	17.385 GHz	-48.23 dBm		
M5		1	23.18 GHz	-48.63 dBm		

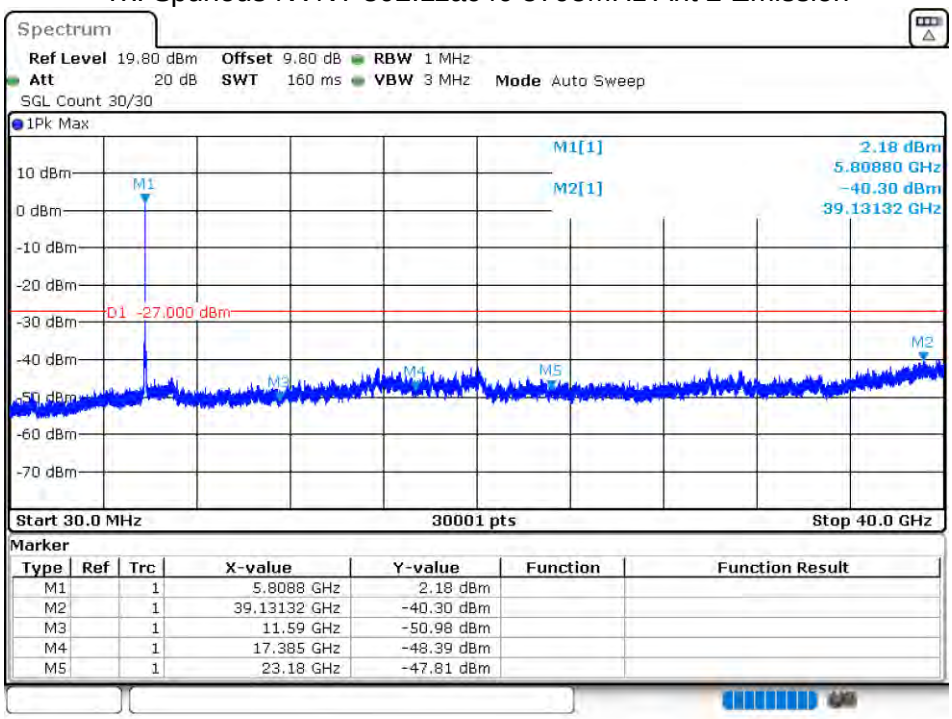
Tx. Spurious NVNT 802.11ac40 5755MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7489 GHz	3.03 dBm		
M2		1	39.72421 GHz	-40.11 dBm		
M3		1	11.51 GHz	-50.16 dBm		
M4		1	17.265 GHz	-49.02 dBm		
M5		1	23.02 GHz	-50.11 dBm		

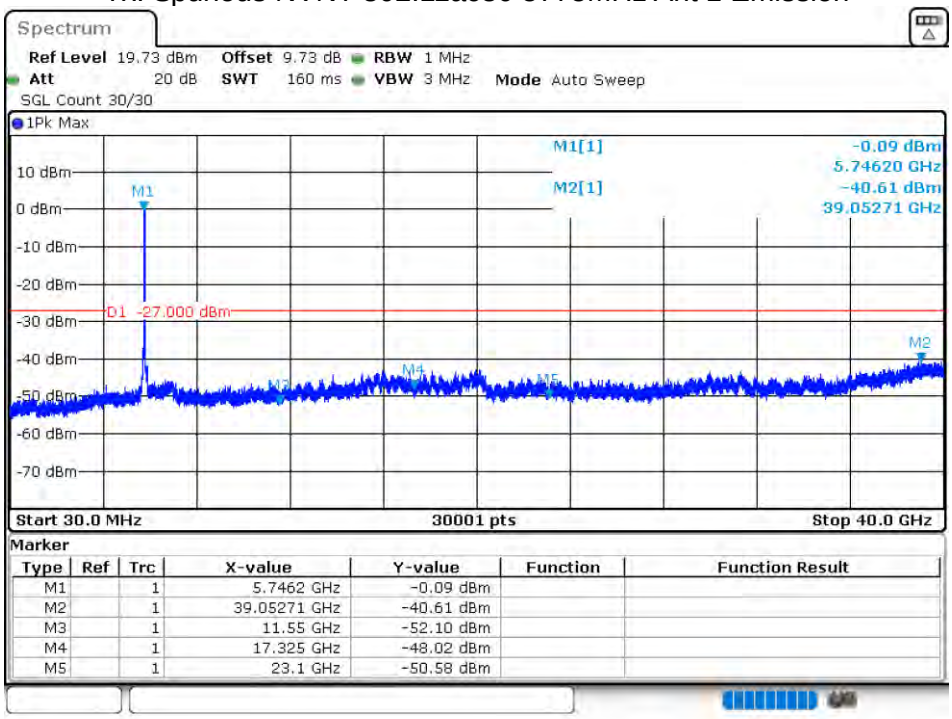
Tx. Spurious NVNT 802.11ac40 5795MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8088 GHz	2.18 dBm		
M2		1	39.13132 GHz	-40.30 dBm		
M3		1	11.59 GHz	-50.98 dBm		
M4		1	17.385 GHz	-48.39 dBm		
M5		1	23.18 GHz	-47.81 dBm		

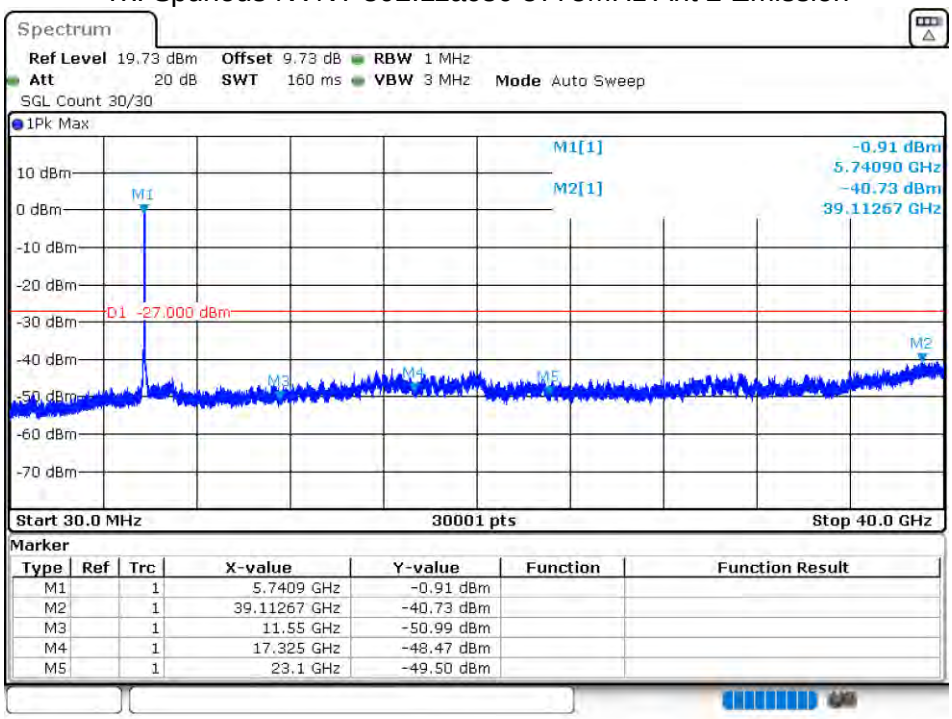
Tx. Spurious NVNT 802.11ac80 5775MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7462 GHz	-0.09 dBm		
M2		1	39.05271 GHz	-40.61 dBm		
M3		1	11.55 GHz	-52.10 dBm		
M4		1	17.325 GHz	-48.02 dBm		
M5		1	23.1 GHz	-50.58 dBm		

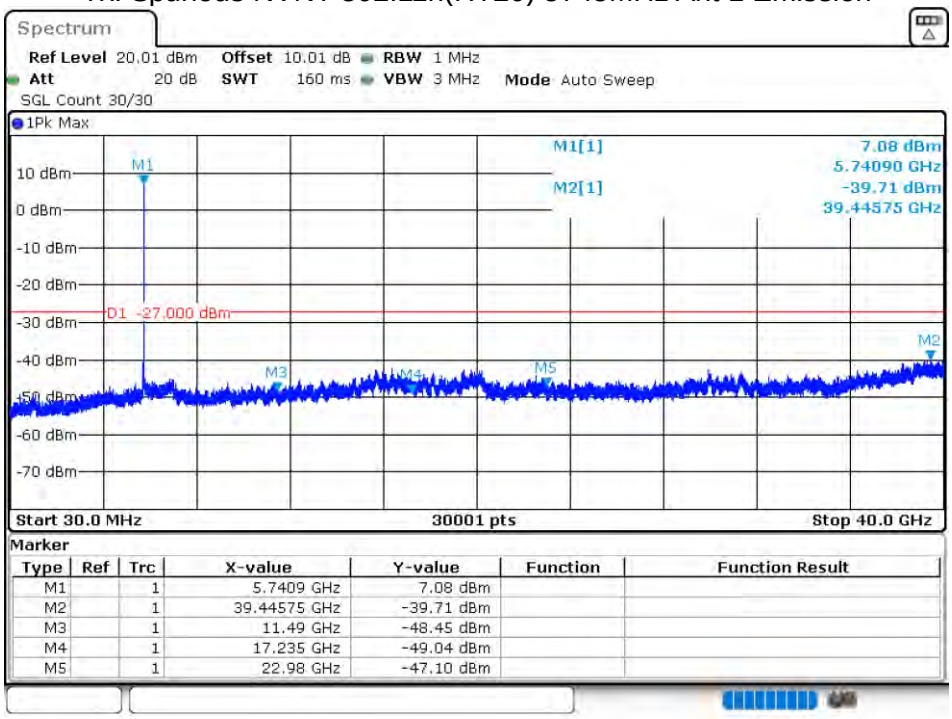
Tx. Spurious NVNT 802.11ac80 5775MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7409 GHz	-0.91 dBm		
M2		1	39.11267 GHz	-40.73 dBm		
M3		1	11.55 GHz	-50.99 dBm		
M4		1	17.325 GHz	-48.47 dBm		
M5		1	23.1 GHz	-49.50 dBm		

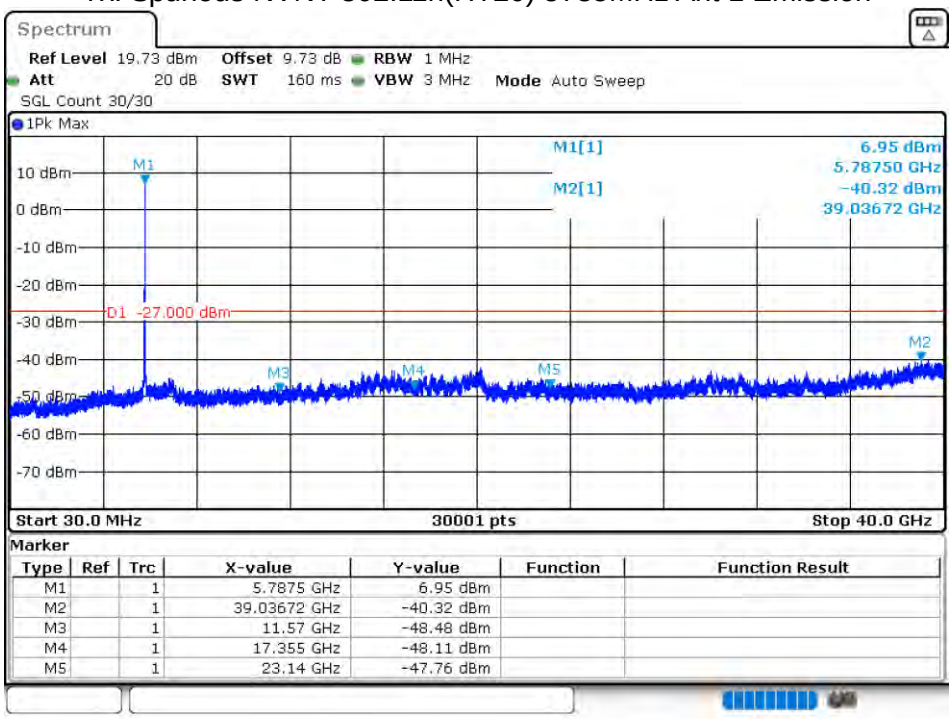
Tx. Spurious NVNT 802.11n(HT20) 5745MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7409 GHz	7.08 dBm		
M2		1	39.44575 GHz	-39.71 dBm		
M3		1	11.49 GHz	-48.45 dBm		
M4		1	17.235 GHz	-49.04 dBm		
M5		1	22.98 GHz	-47.10 dBm		

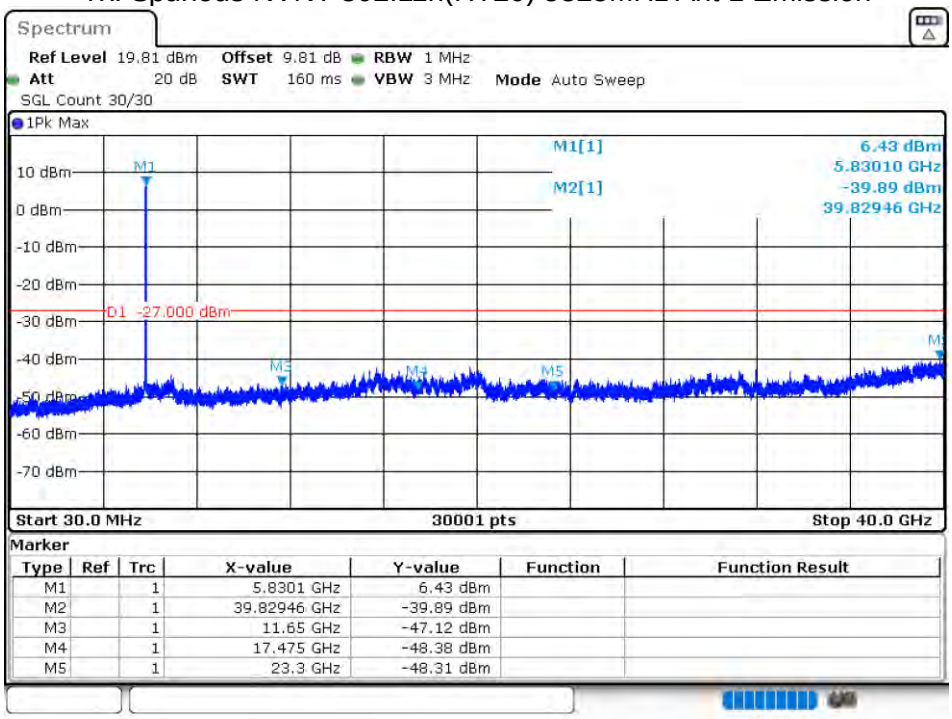
Tx. Spurious NVNT 802.11n(HT20) 5785MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7875 GHz	6.95 dBm		
M2		1	39.03672 GHz	-40.32 dBm		
M3		1	11.57 GHz	-48.48 dBm		
M4		1	17.355 GHz	-48.11 dBm		
M5		1	23.14 GHz	-47.76 dBm		

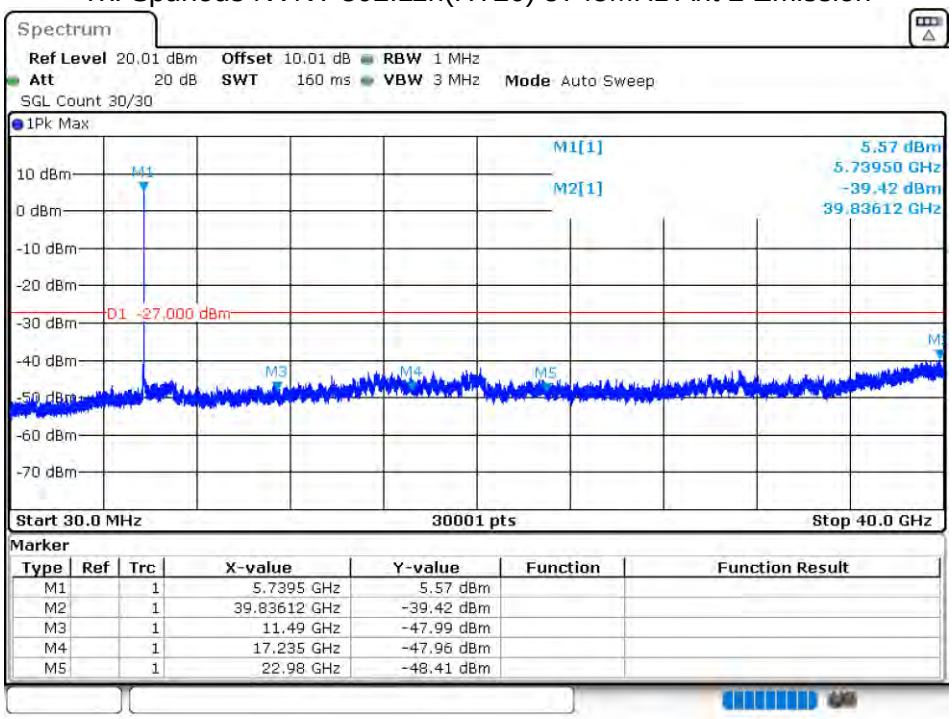
Tx. Spurious NVNT 802.11n(HT20) 5825MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8301 GHz	6.43 dBm		
M2		1	39.82946 GHz	-39.89 dBm		
M3		1	11.65 GHz	-47.12 dBm		
M4		1	17.475 GHz	-48.38 dBm		
M5		1	23.3 GHz	-48.31 dBm		

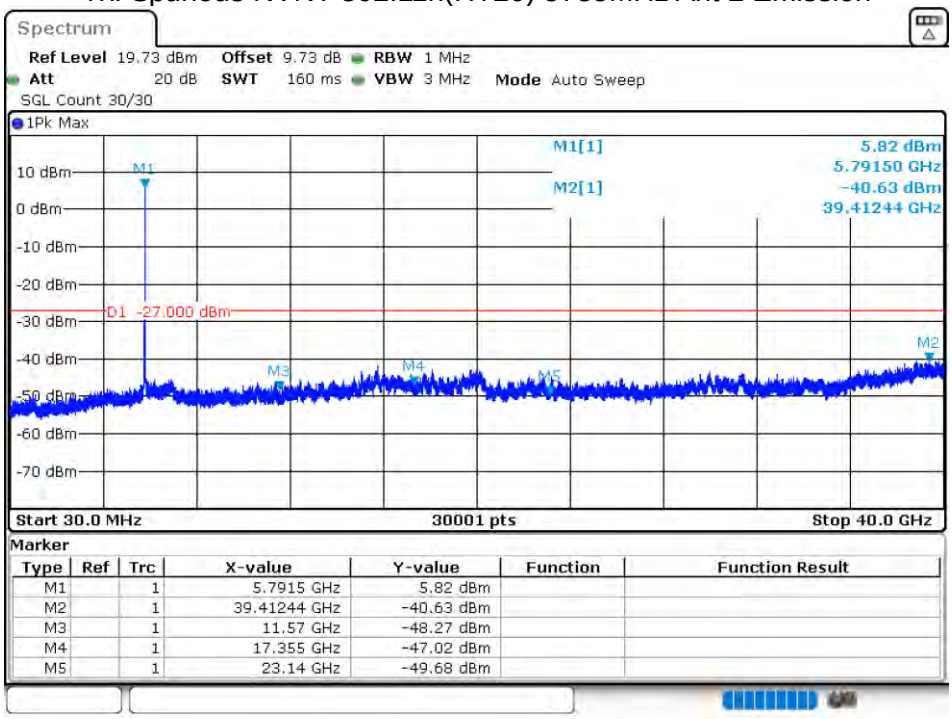
Tx. Spurious NVNT 802.11n(HT20) 5745MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7395 GHz	5.57 dBm		
M2		1	39.83612 GHz	-39.42 dBm		
M3		1	11.49 GHz	-47.99 dBm		
M4		1	17.235 GHz	-47.96 dBm		
M5		1	22.98 GHz	-48.41 dBm		

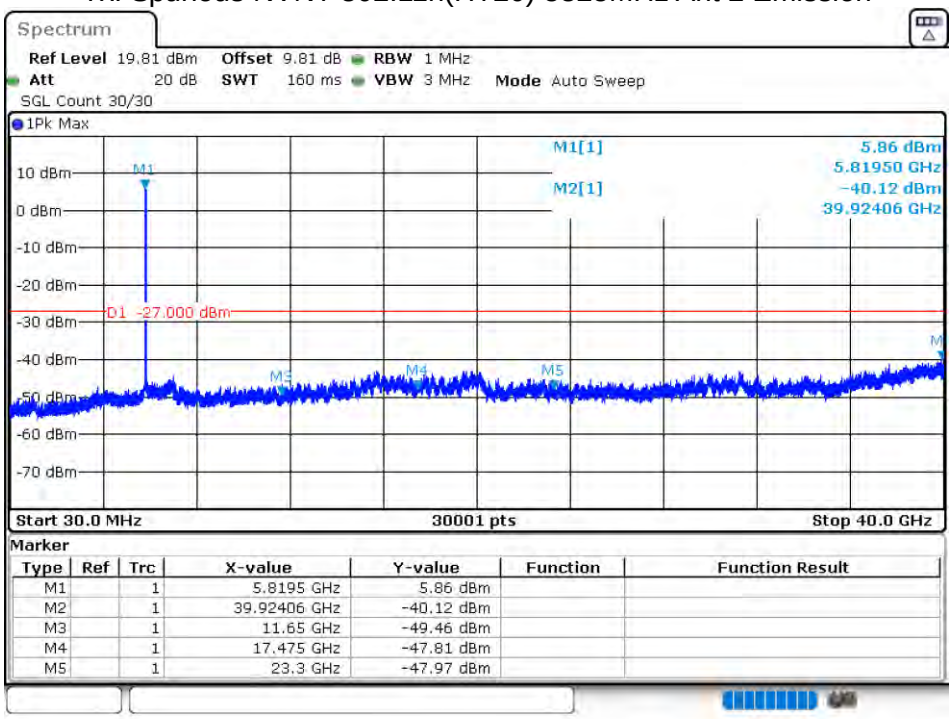
Tx. Spurious NVNT 802.11n(HT20) 5785MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7915 GHz	5.82 dBm		
M2		1	39.41244 GHz	-40.63 dBm		
M3		1	11.57 GHz	-48.27 dBm		
M4		1	17.355 GHz	-47.02 dBm		
M5		1	23.14 GHz	-49.68 dBm		

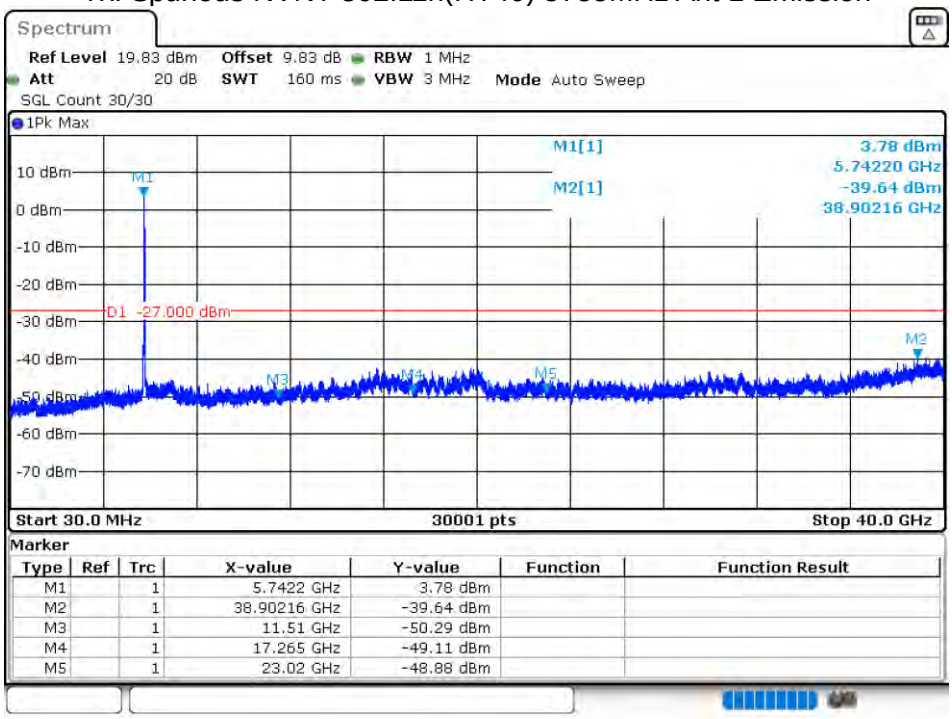
Tx. Spurious NVNT 802.11n(HT20) 5825MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8195 GHz	5.86 dBm		
M2		1	39.92406 GHz	-40.12 dBm		
M3		1	11.65 GHz	-49.46 dBm		
M4		1	17.475 GHz	-47.81 dBm		
M5		1	23.3 GHz	-47.97 dBm		

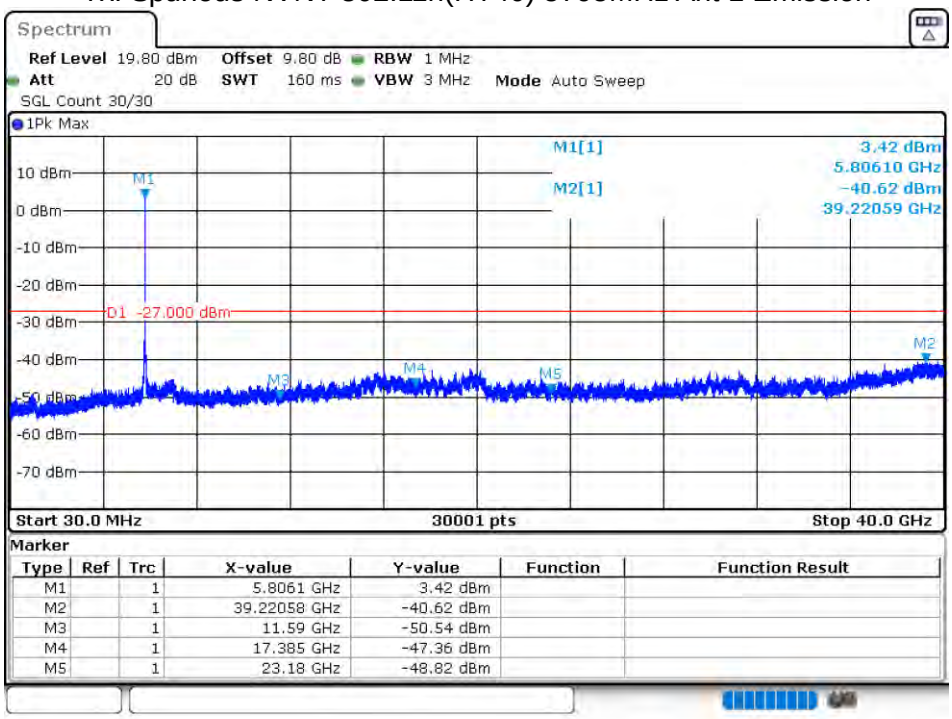
Tx. Spurious NVNT 802.11n(HT40) 5755MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7422 GHz	3.78 dBm		
M2		1	38.90216 GHz	-39.64 dBm		
M3		1	11.51 GHz	-50.29 dBm		
M4		1	17.265 GHz	-49.11 dBm		
M5		1	23.02 GHz	-48.88 dBm		

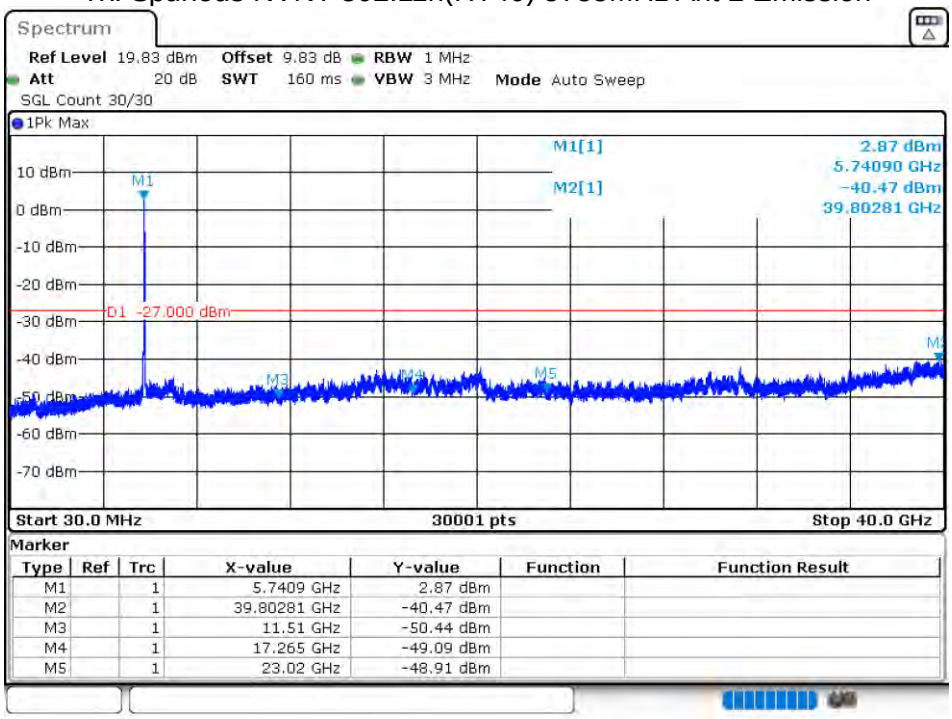
Tx. Spurious NVNT 802.11n(HT40) 5795MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8061 GHz	3.42 dBm		
M2		1	39.22058 GHz	-40.62 dBm		
M3		1	11.59 GHz	-50.54 dBm		
M4		1	17.385 GHz	-47.36 dBm		
M5		1	23.18 GHz	-48.82 dBm		

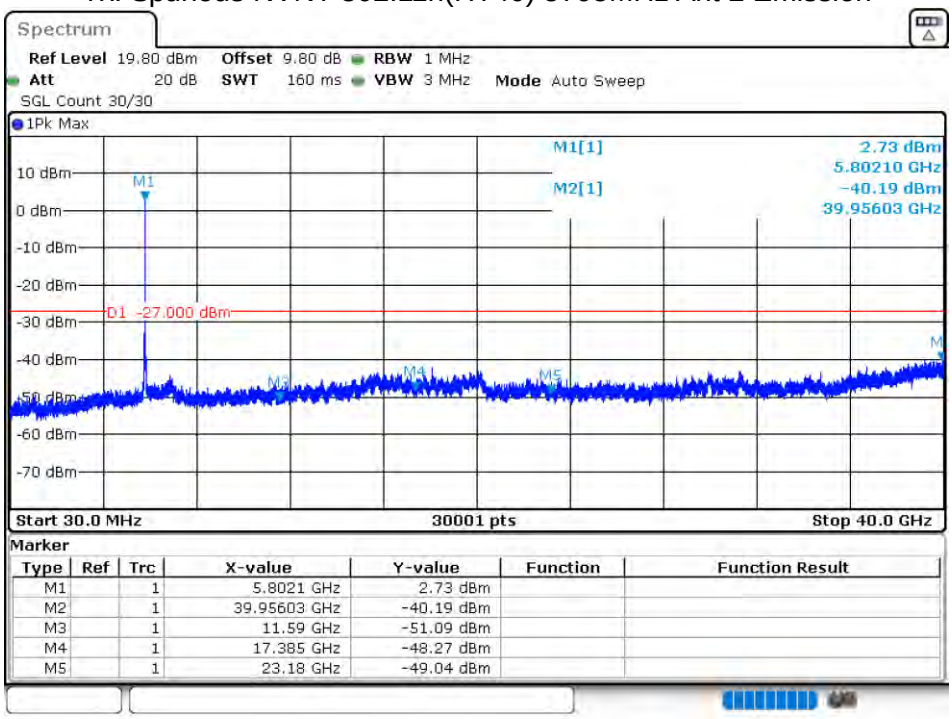
Tx. Spurious NVNT 802.11n(HT40) 5755MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7409 GHz	2.87 dBm		
M2		1	39.80281 GHz	-40.47 dBm		
M3		1	11.51 GHz	-50.44 dBm		
M4		1	17.265 GHz	-49.09 dBm		
M5		1	23.02 GHz	-48.91 dBm		

Tx. Spurious NVNT 802.11n(HT40) 5795MHz Ant 2 Emission



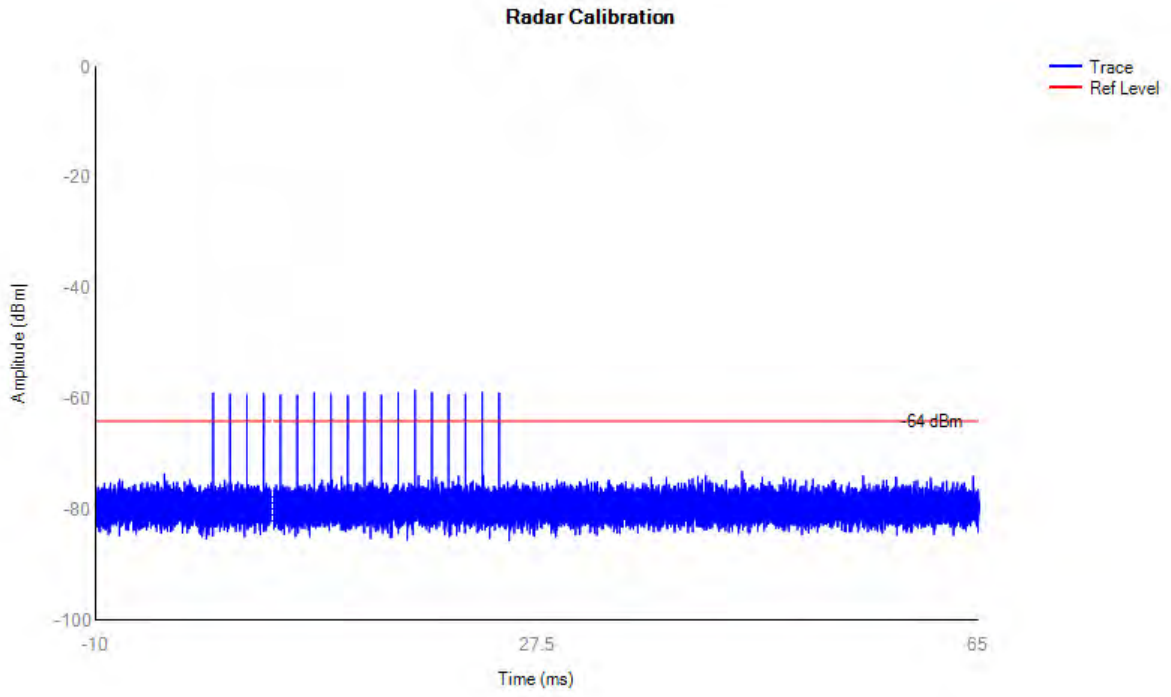
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8021 GHz	2.73 dBm		
M2		1	39.95603 GHz	-40.19 dBm		
M3		1	11.59 GHz	-51.09 dBm		
M4		1	17.385 GHz	-48.27 dBm		
M5		1	23.18 GHz	-49.04 dBm		

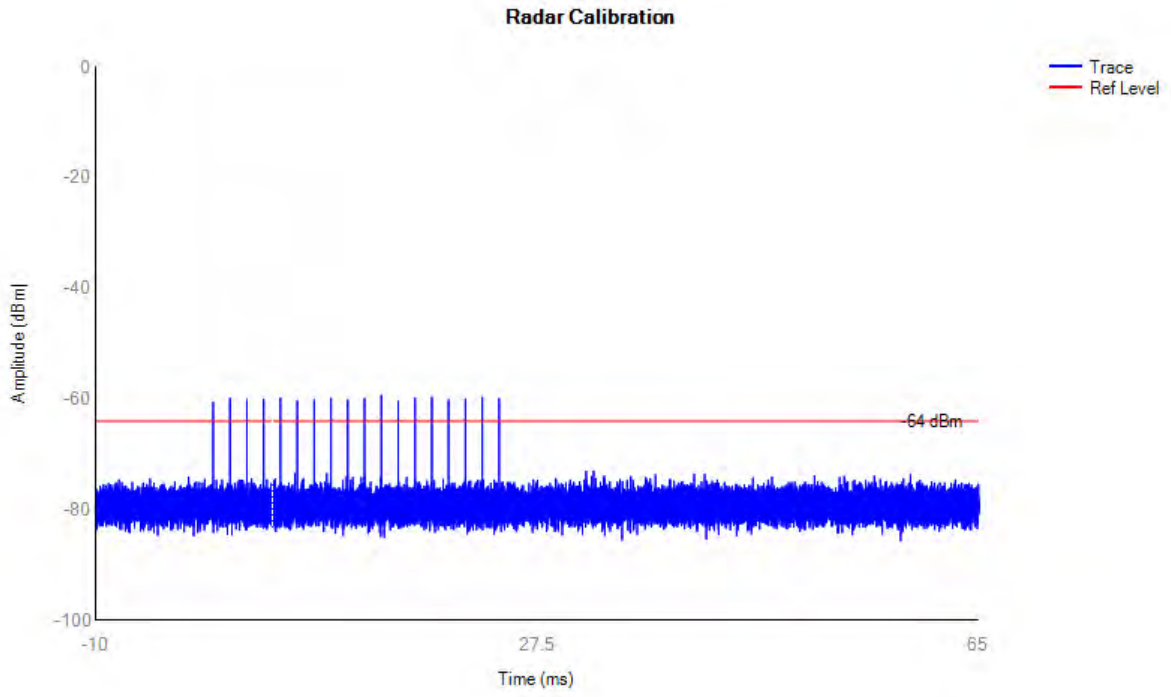
DFS:

Calibration

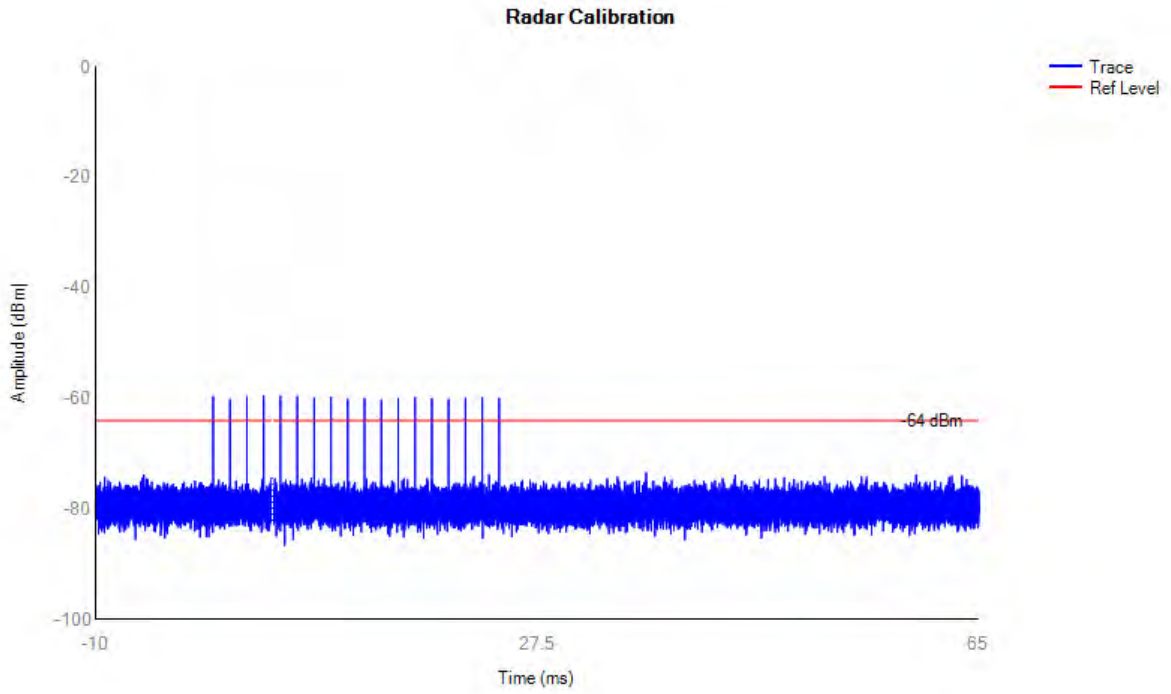
5290MHz ac80 DFS_FCC_T0



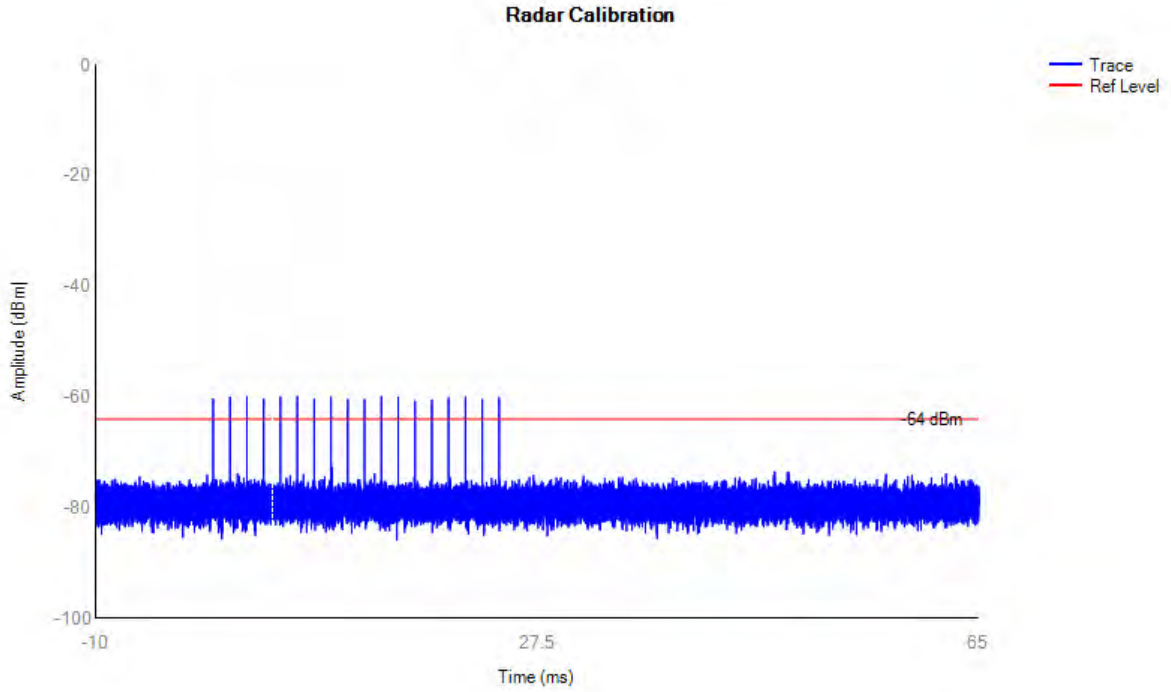
5530MHz ac80 DFS_FCC_T0



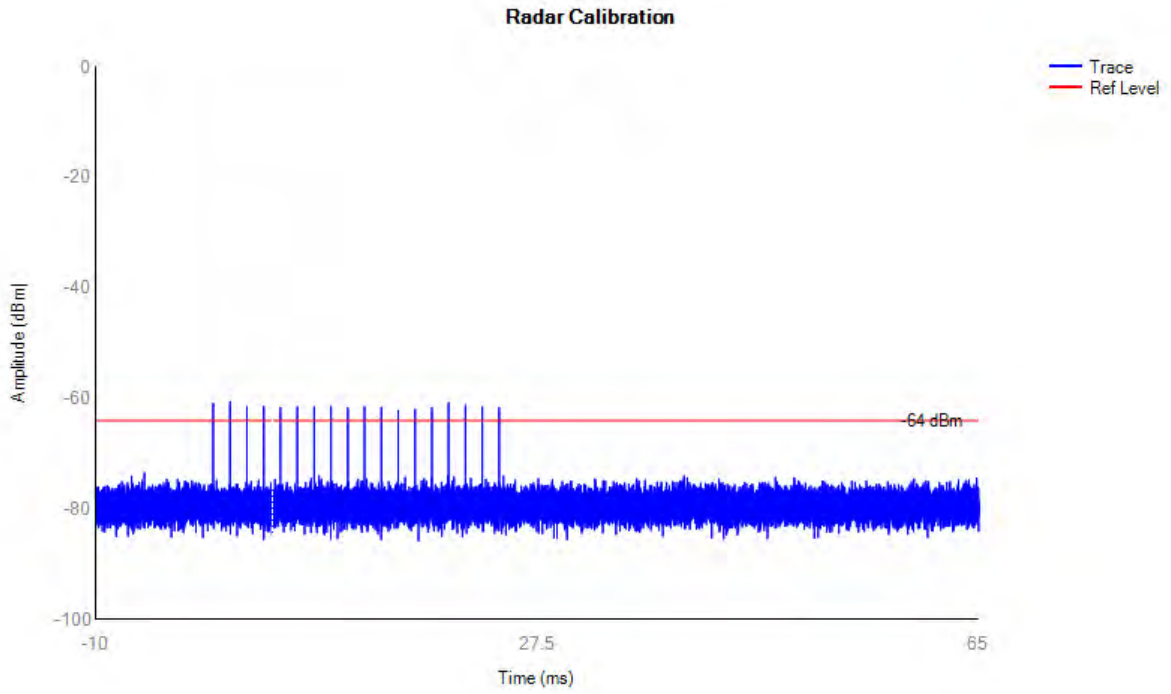
5310MHz n40 DFS_FCC_T0



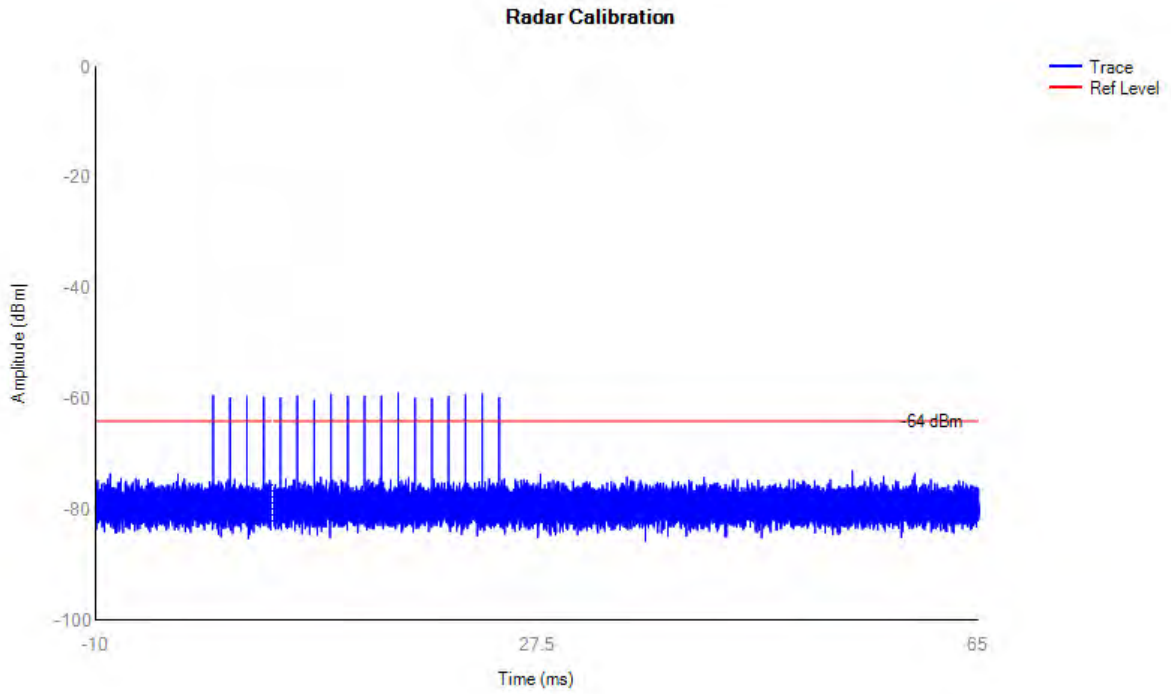
5510MHz n40 DFS_FCC_T0



5320MHz a DFS_FCC_T0

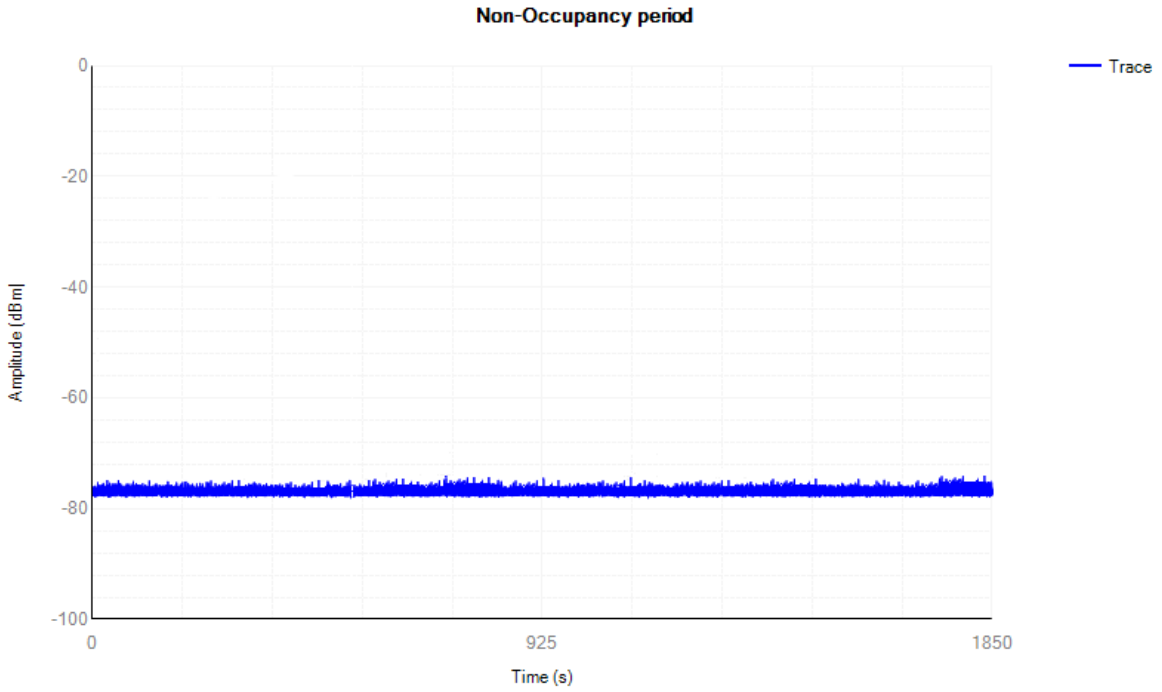


5500MHz a DFS_FCC_T0

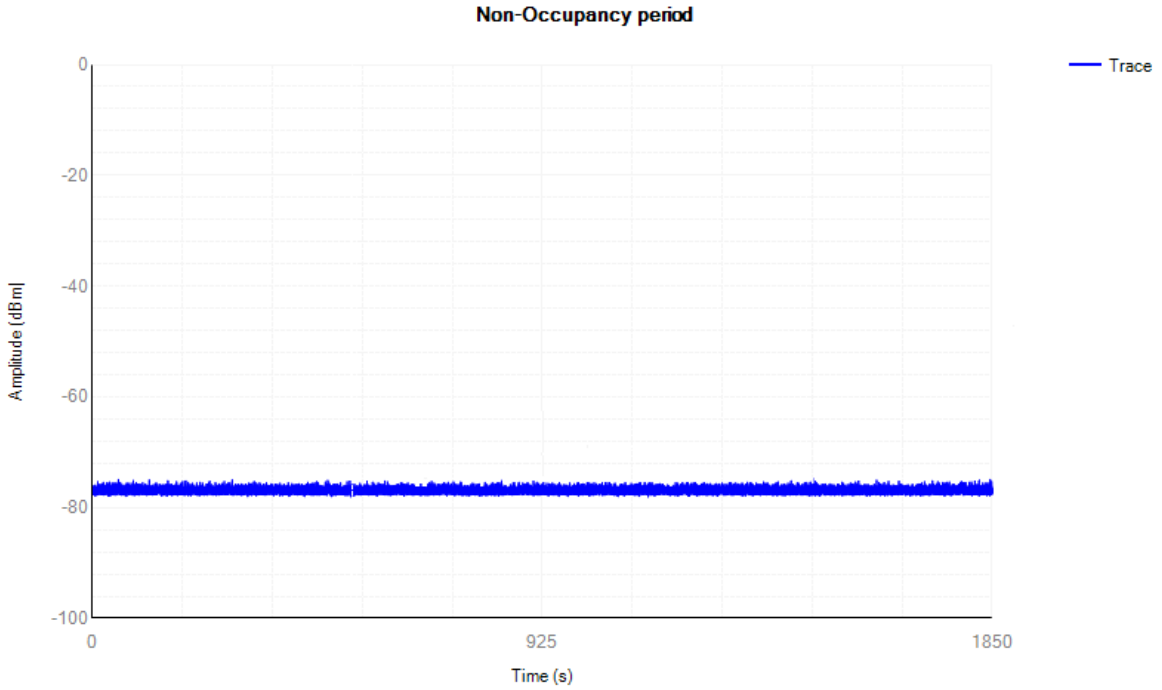


Non-Occupancy

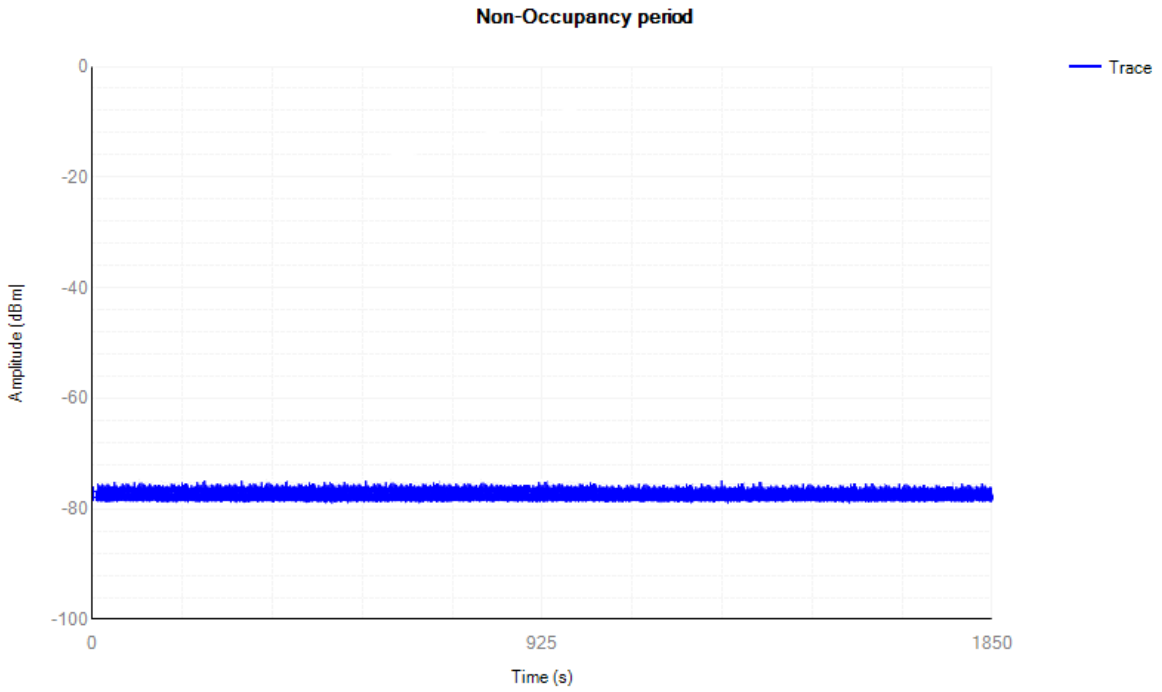
5290MHz ac80 Non-Occupancy



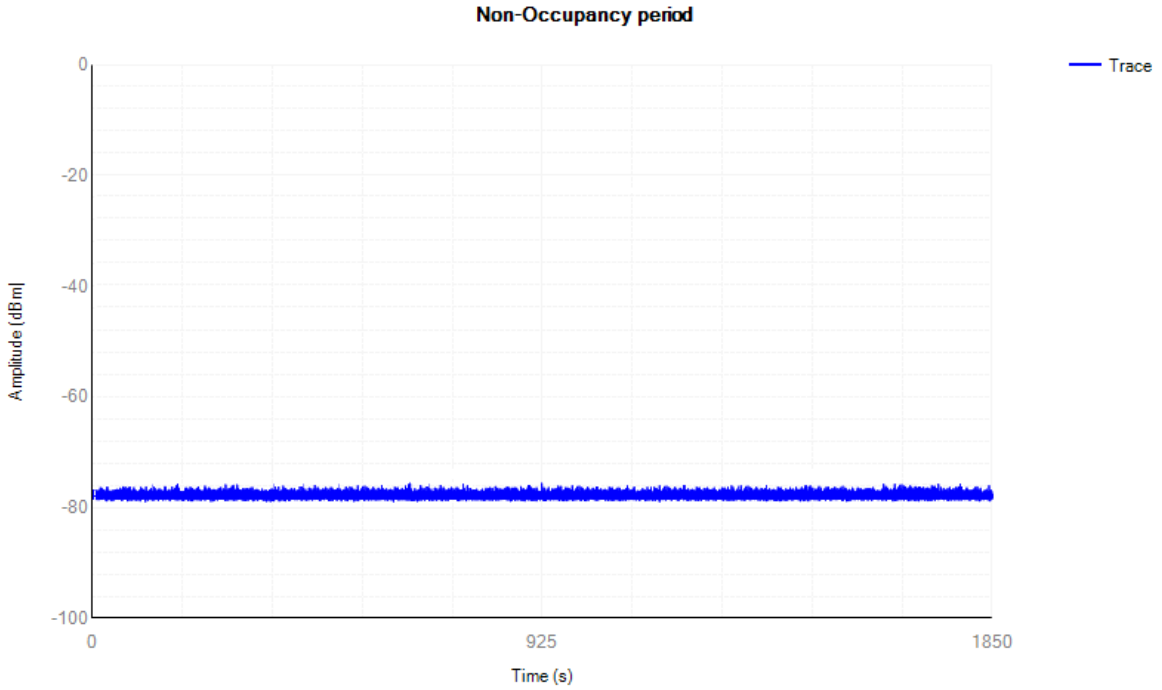
5530MHz ac80 Non-Occupancy



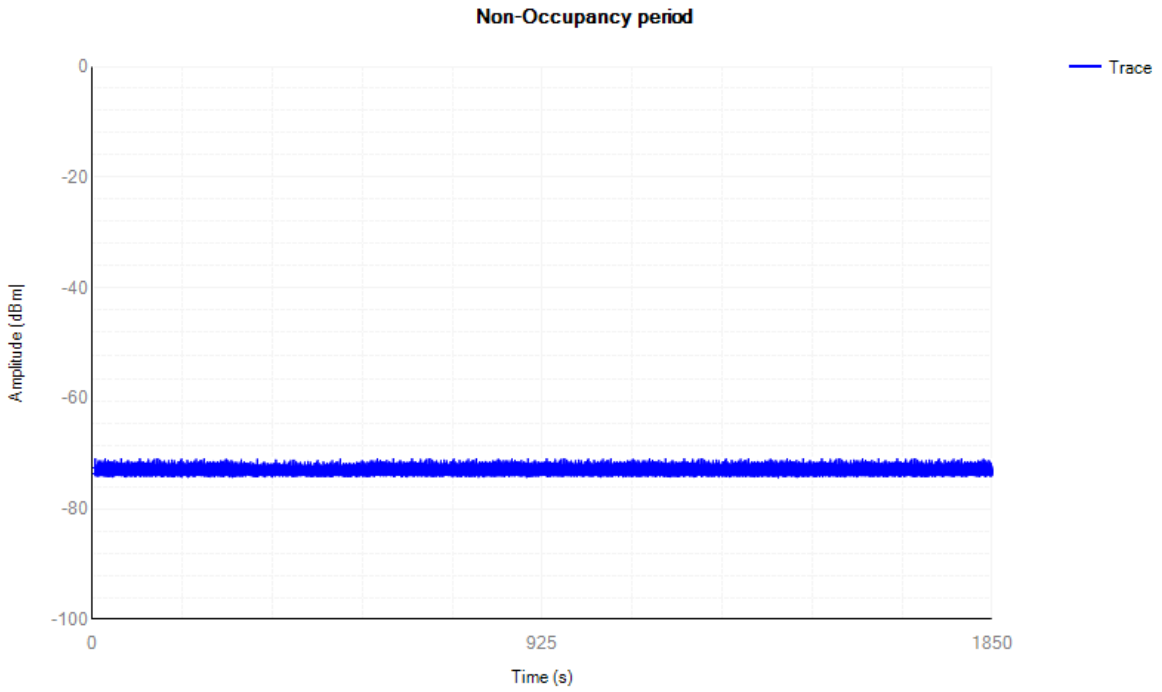
5310MHz n40 Non-Occupancy



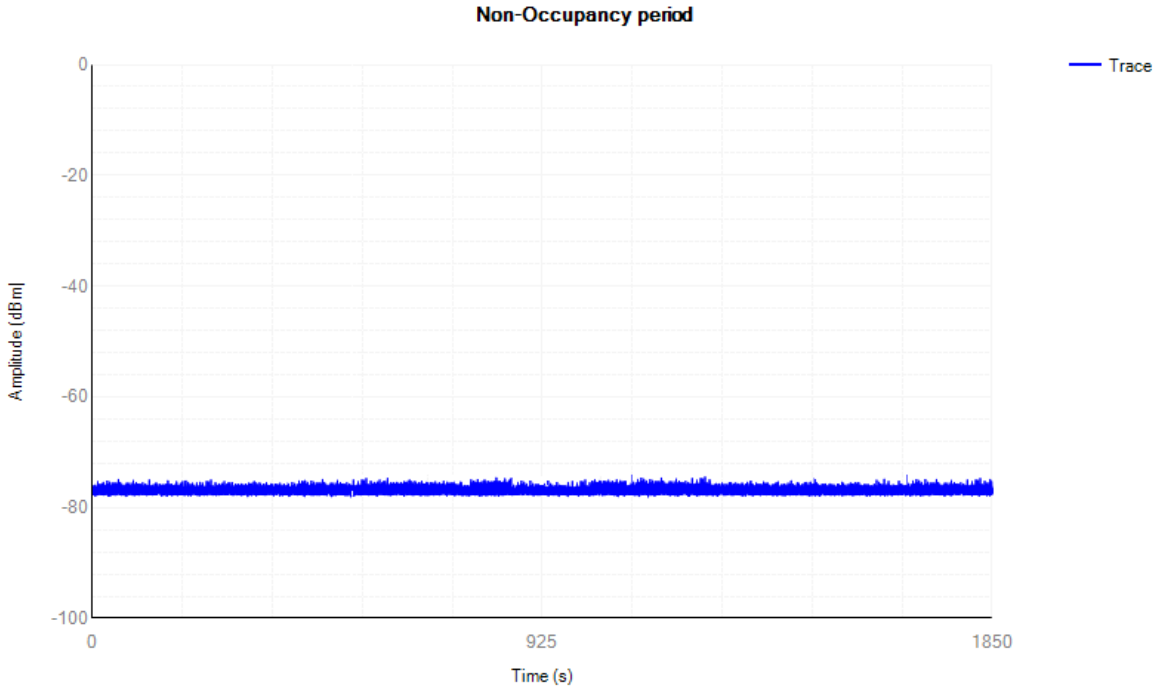
5510MHz n40 Non-Occupancy



5320MHz a Non-Occupancy



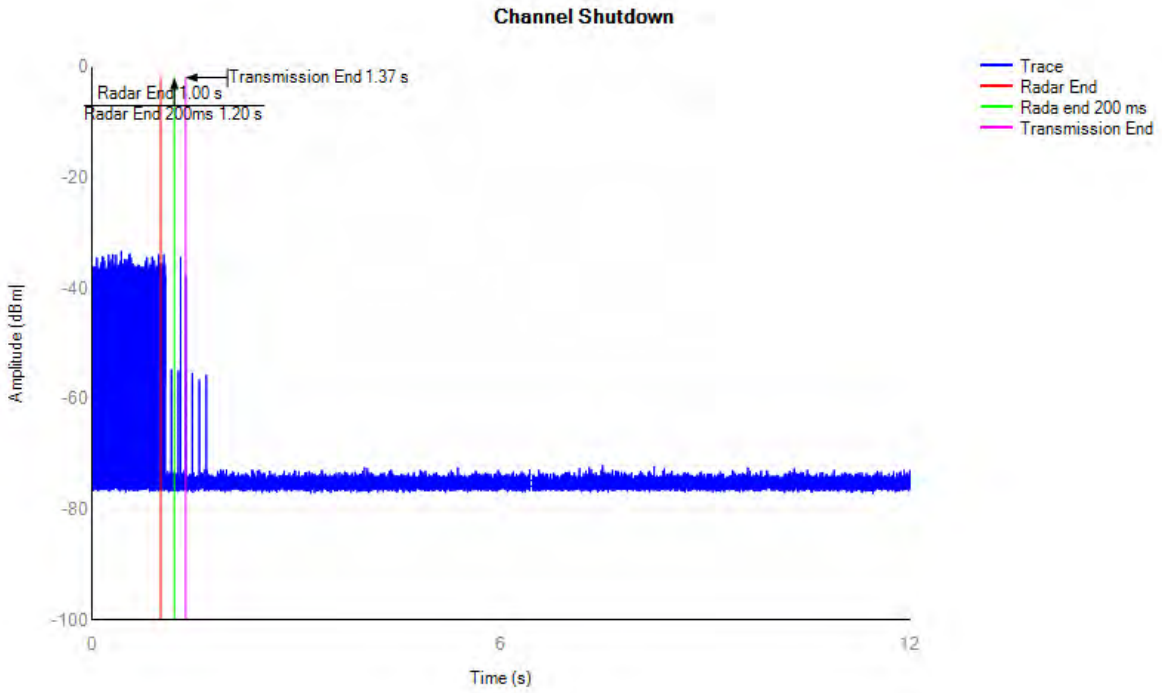
5500MHz a Non-Occupancy



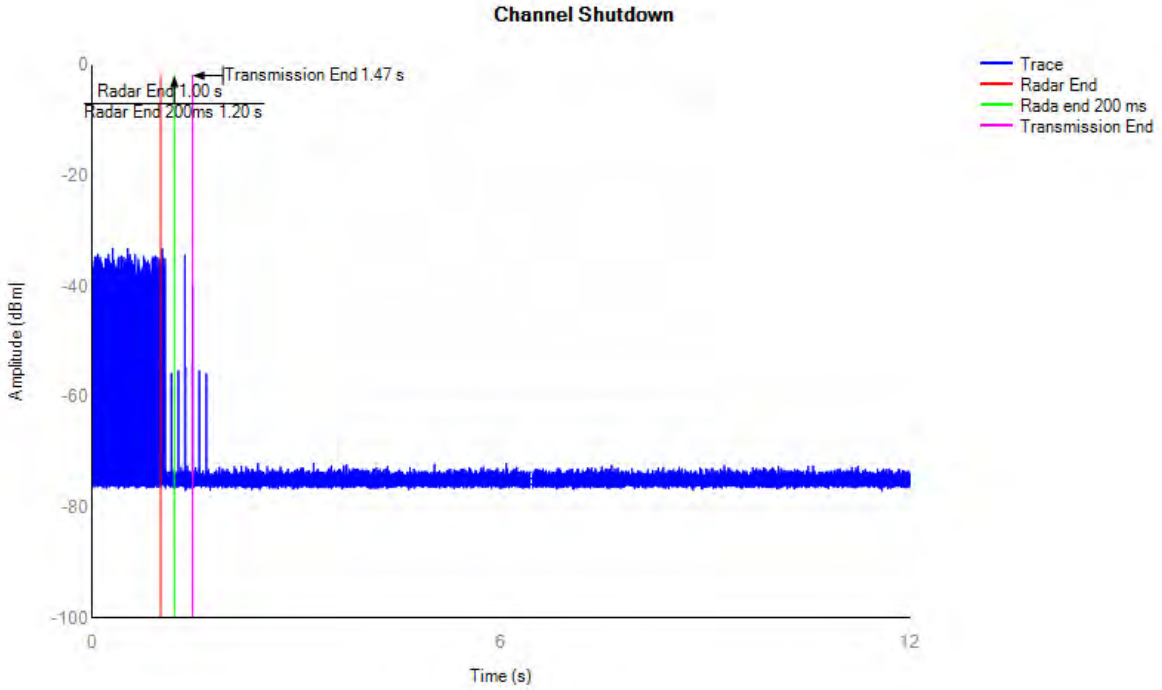
Shutdown Time

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
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
n40	5310	0.53	10	0.0084	0.26	0.0036	0.06	Pass
n40	5510	0.466	10	0.004	0.26	0.0024	0.06	Pass
a	5320	0.4912	10	0.0052	0.26	0.0024	0.06	Pass
a	5500	0.514	10	0.0092	0.26	0.0024	0.06	Pass

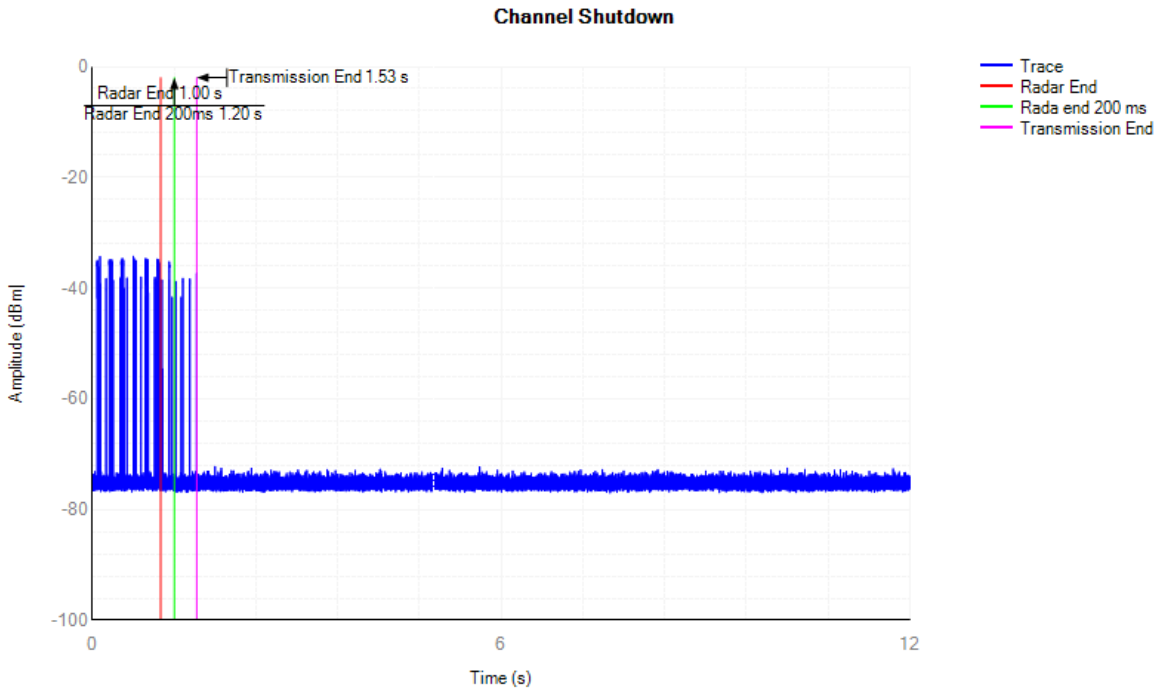
5290MHz ac80 Shutdown



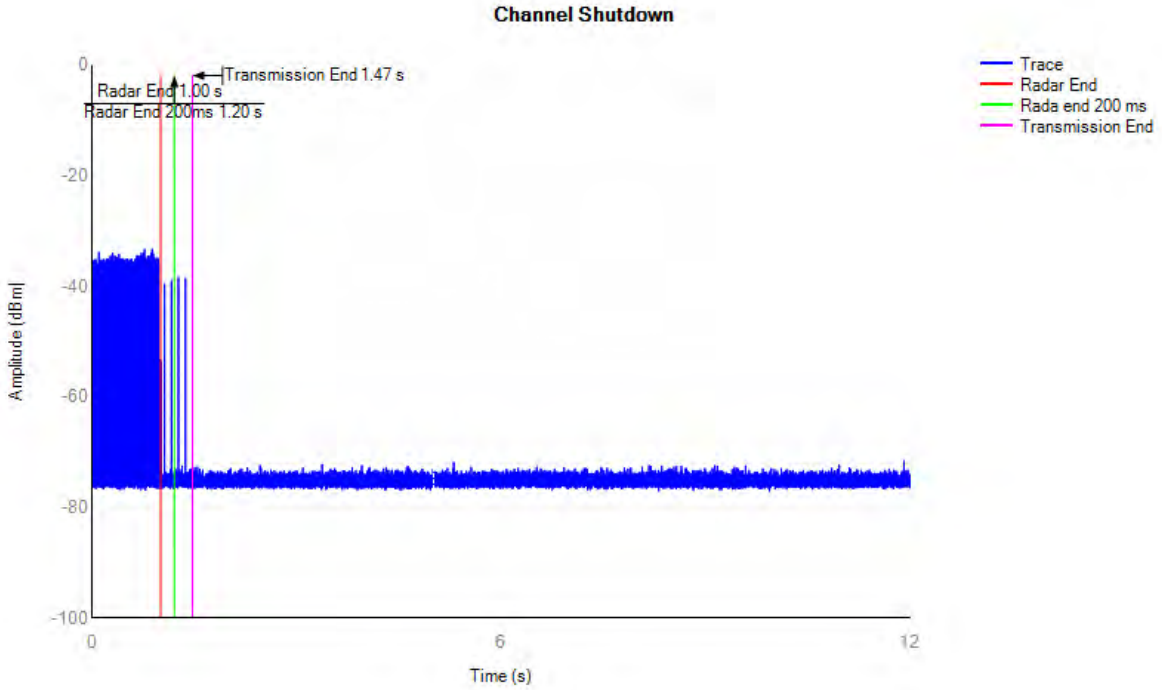
5530MHz ac80 Shutdown



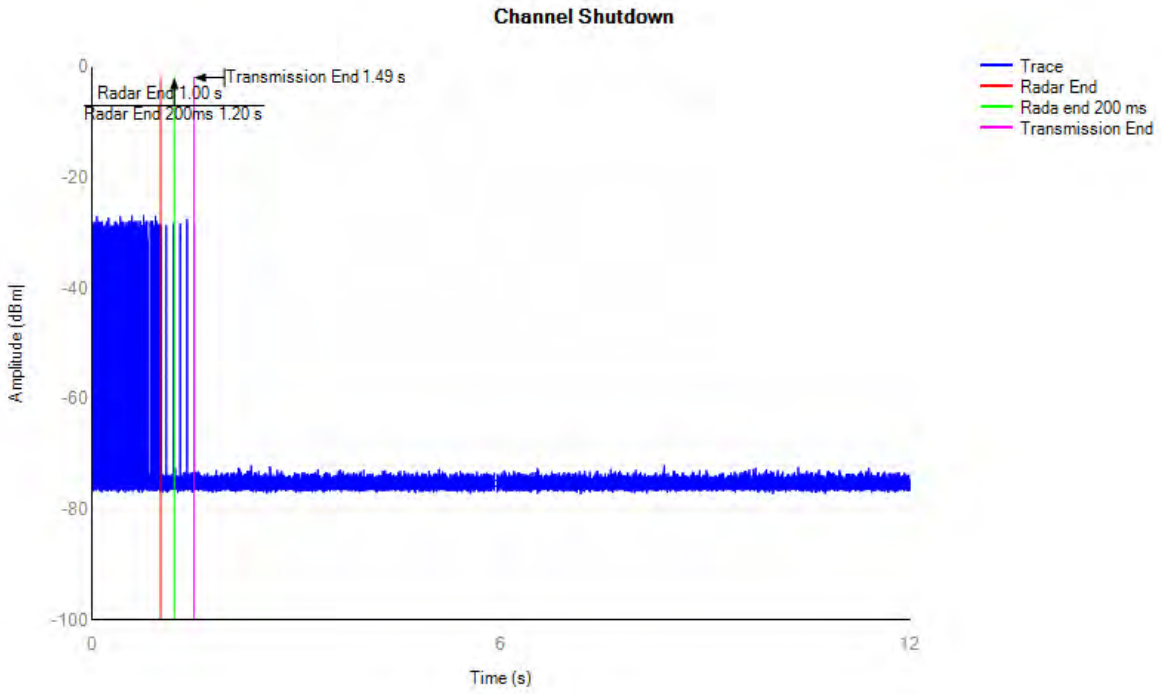
5310MHz n40 Shutdown



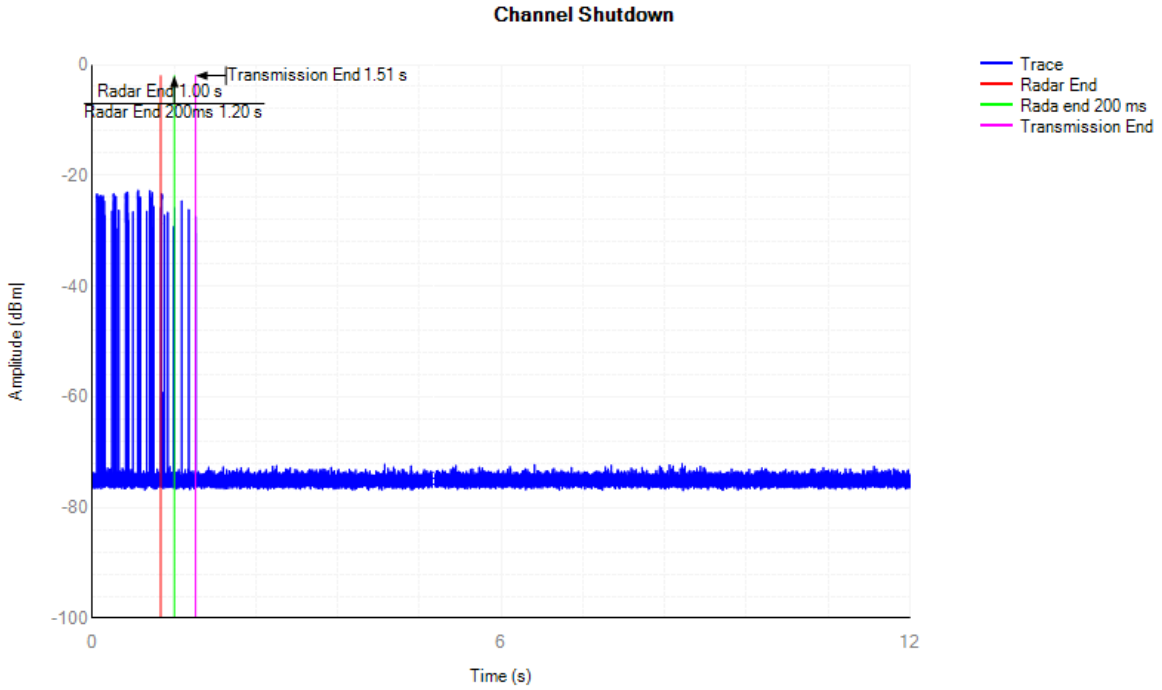
5510MHz n40 Shutdown



5320MHz a Shutdown



5500MHz a Shutdown



END OF REPORT