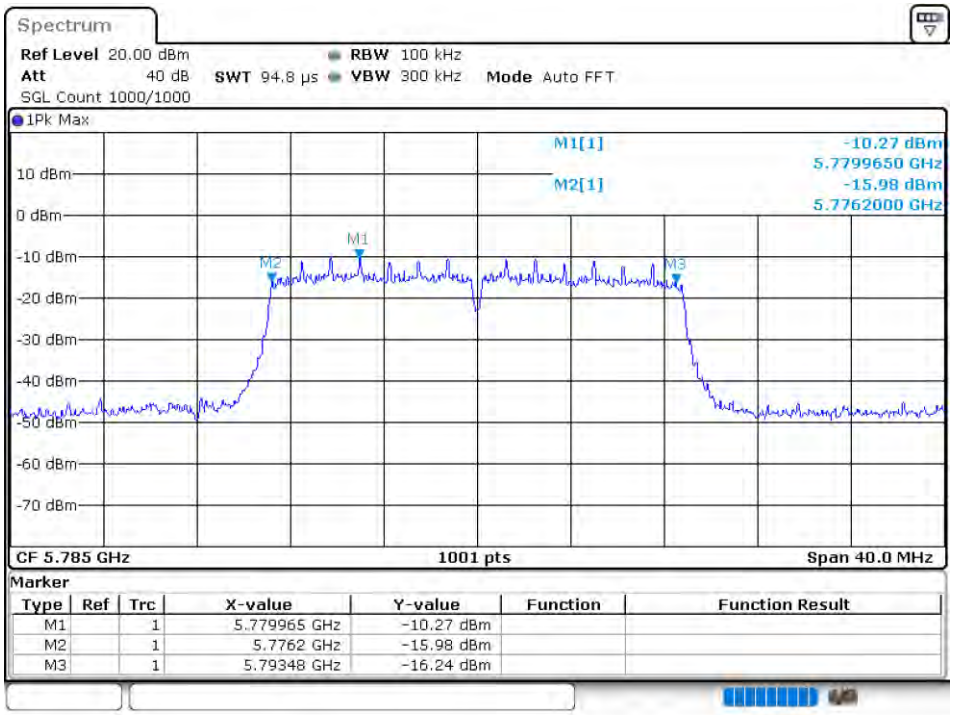
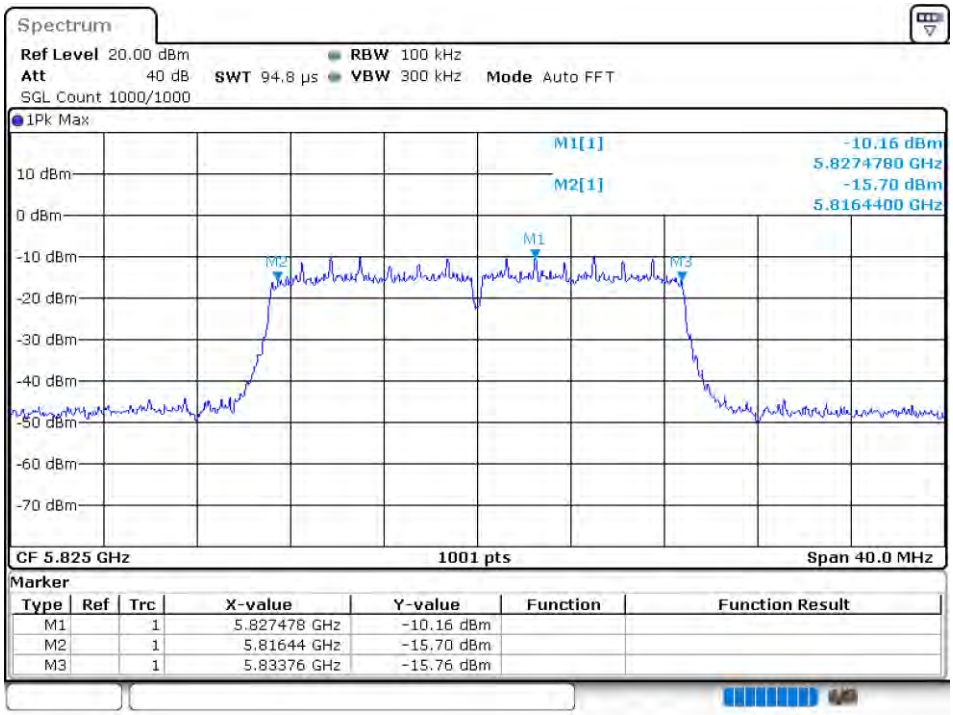
EBW NVNT 802.11ac20 5785MHz Ant 2



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.779965 GHz	-10.27 dBm		
M2		1	5.7762 GHz	-15.98 dBm		
M3		1	5.79348 GHz	-16.24 dBm		

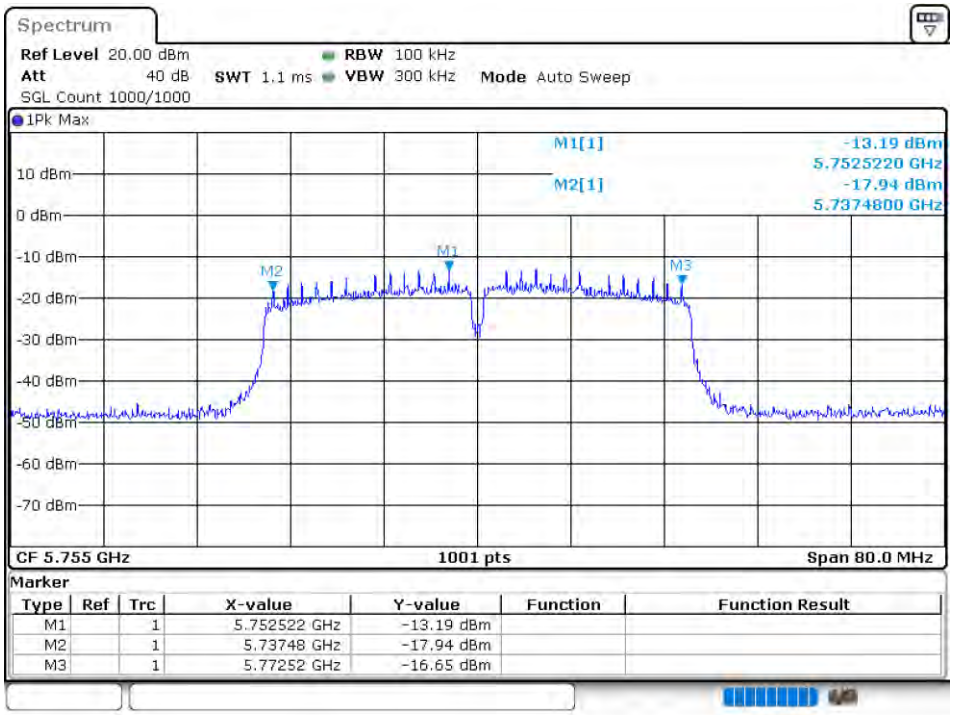
EBW NVNT 802.11ac20 5825MHz Ant 2



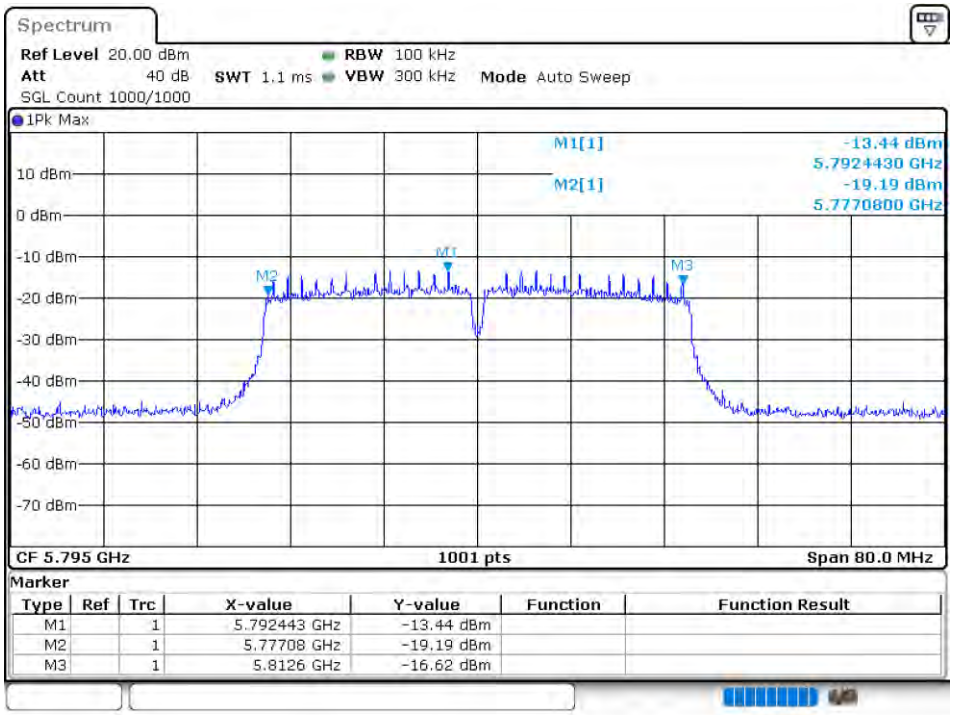
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.827478 GHz	-10.16 dBm		
M2		1	5.81644 GHz	-15.70 dBm		
M3		1	5.83376 GHz	-15.76 dBm		

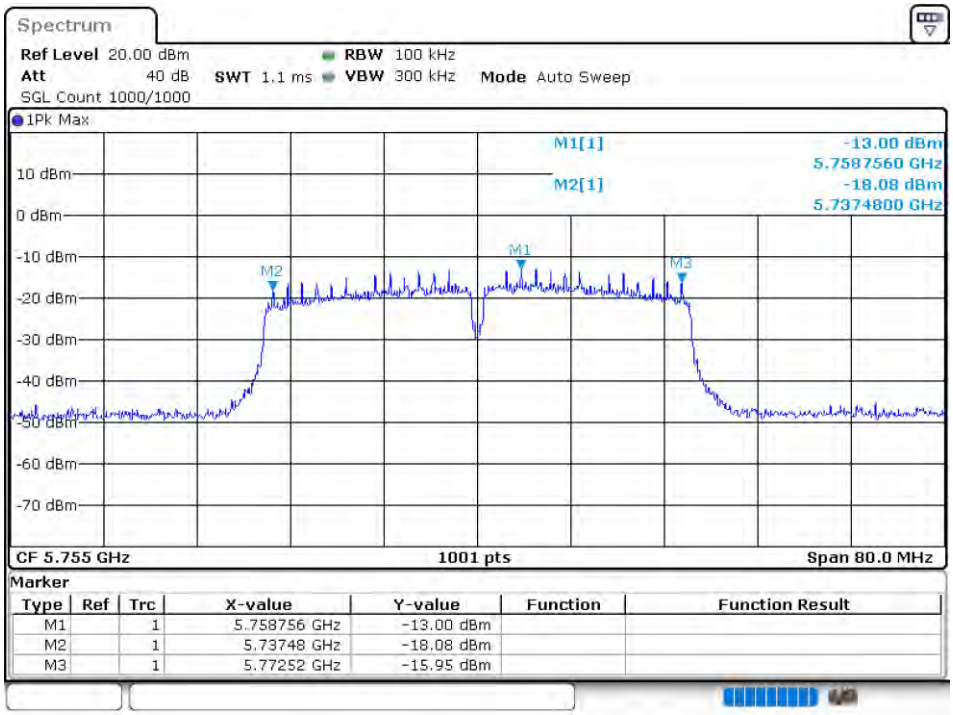
EBW NVNT 802.11ac40 5755MHz Ant 1



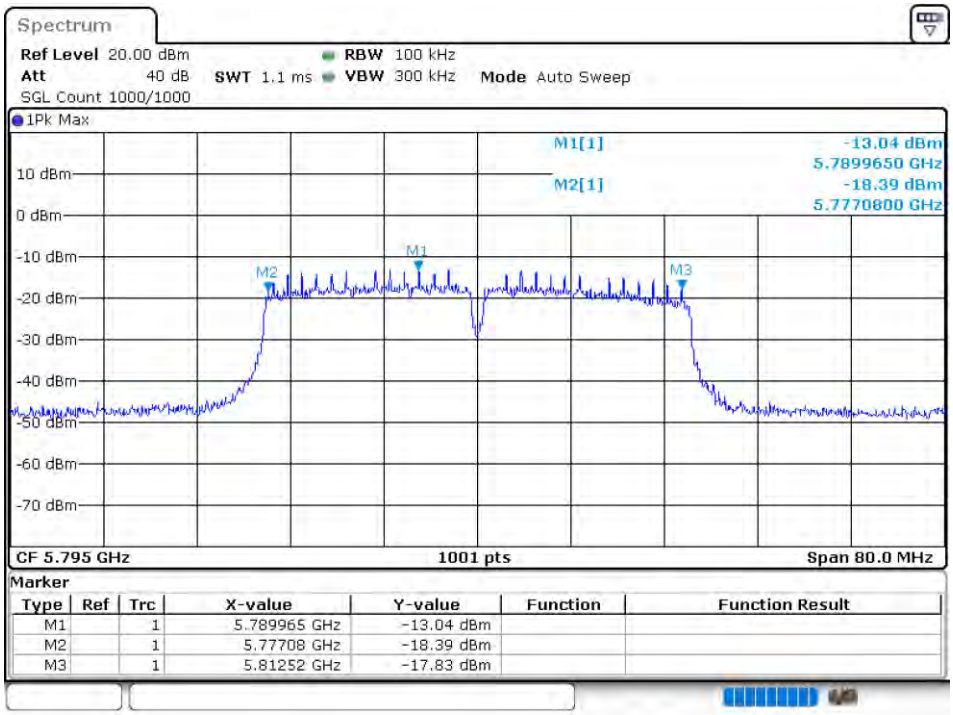
EBW NVNT 802.11ac40 5795MHz Ant 1



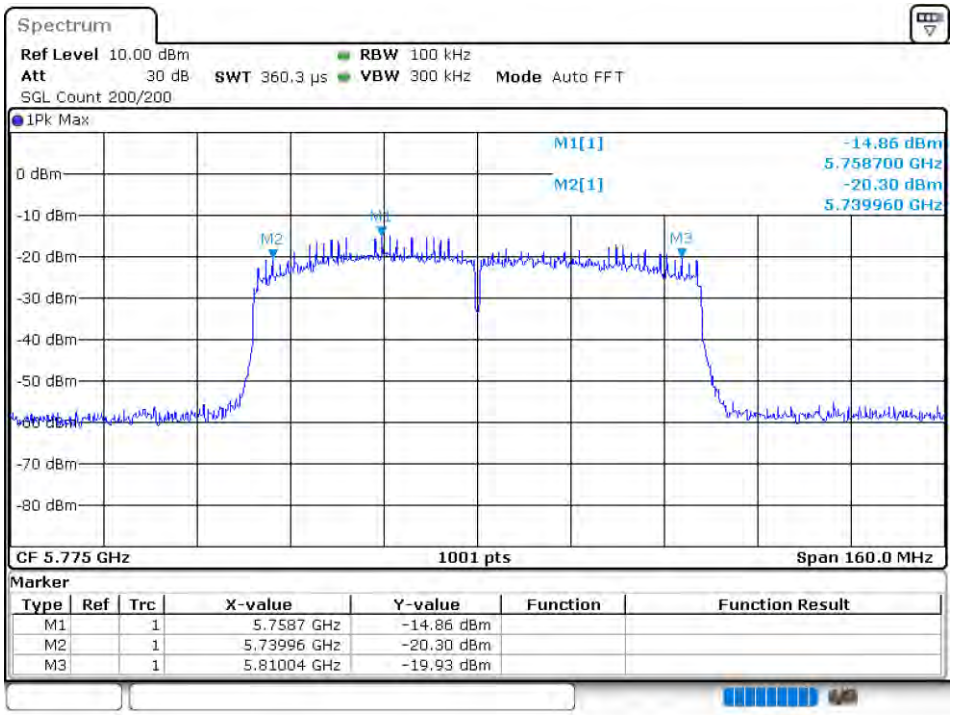
EBW NVNT 802.11ac40 5755MHz Ant 2



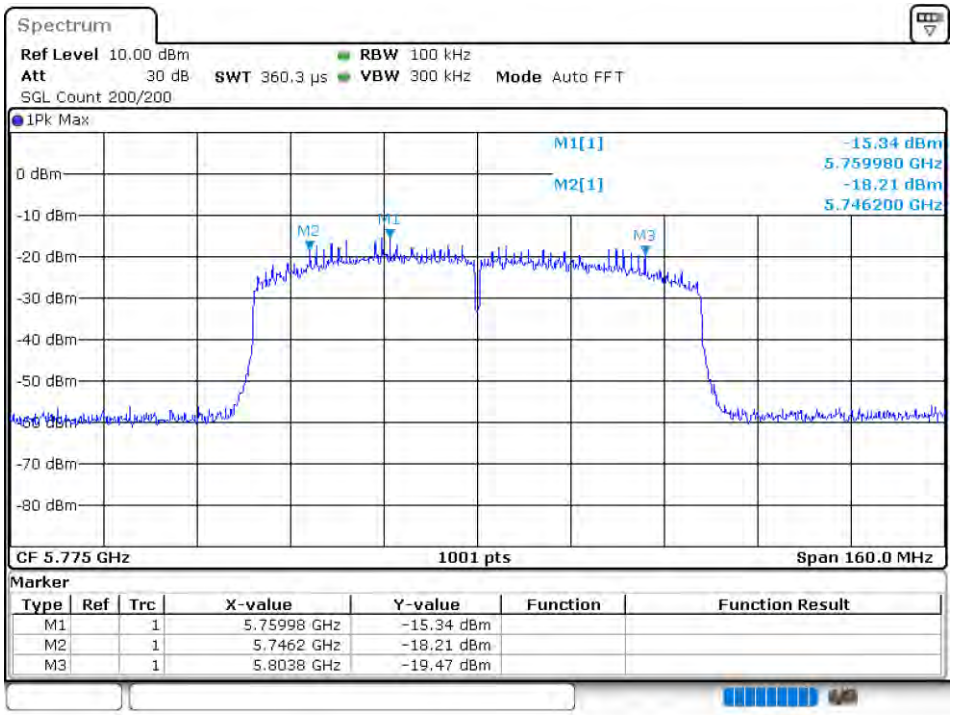
EBW NVNT 802.11ac40 5795MHz Ant 2



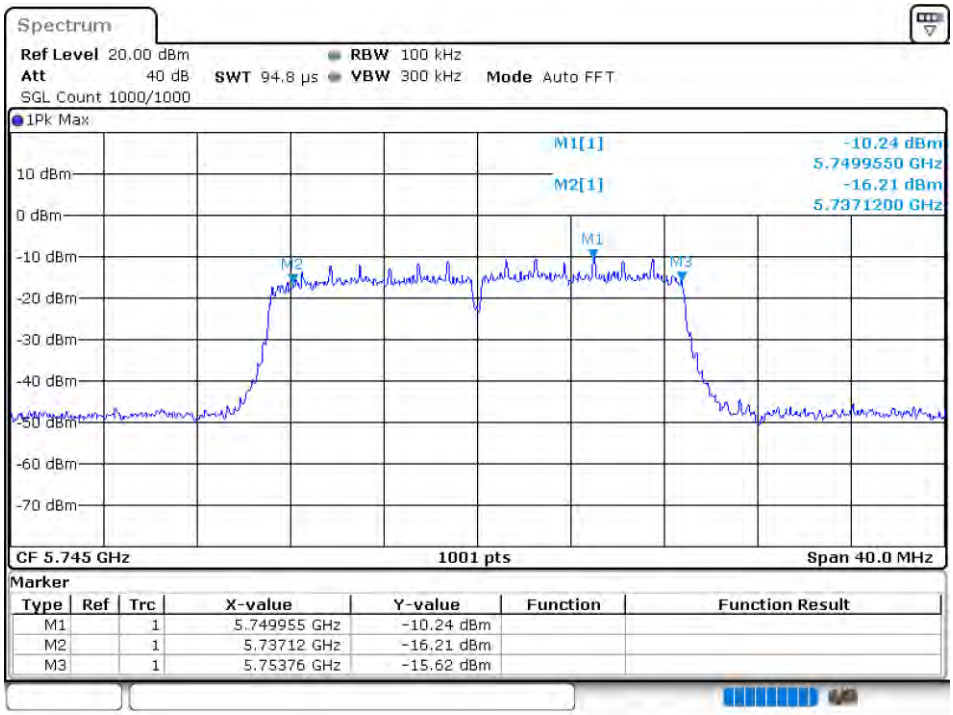
EBW NVNT 802.11ac80 5775MHz Ant 1



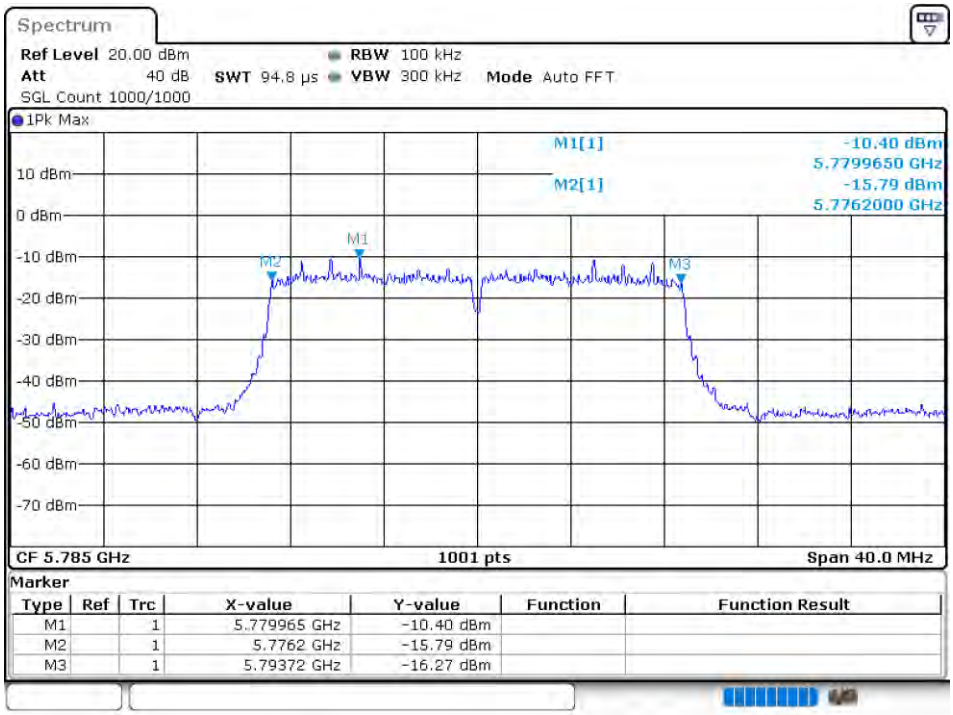
EBW NVNT 802.11ac80 5775MHz Ant 2



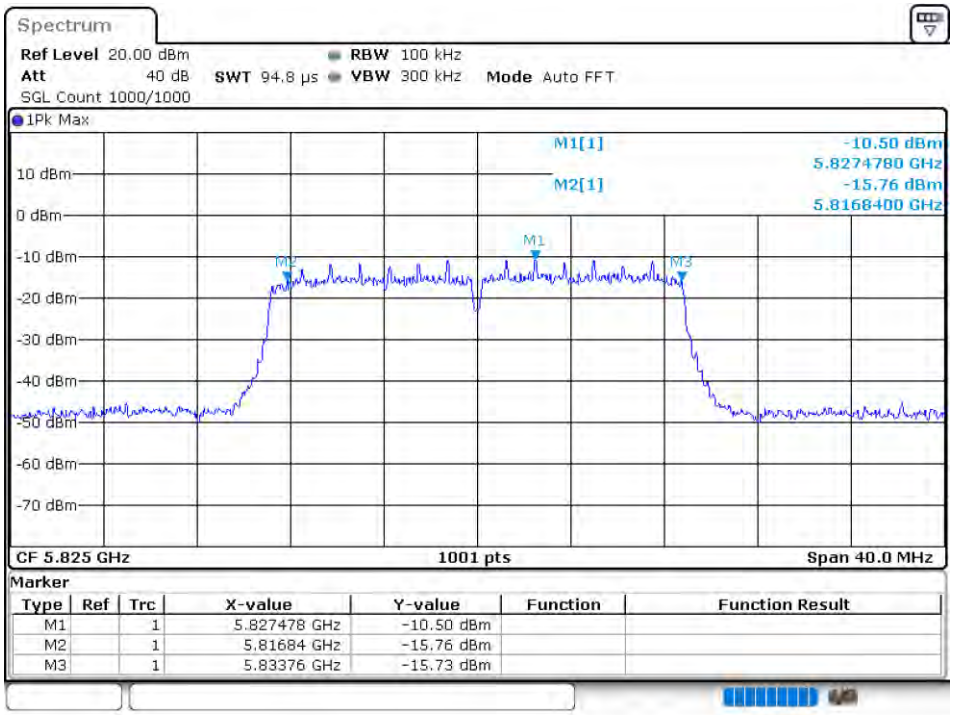
EBW NVNT 802.11n(HT20) 5745MHz Ant 1



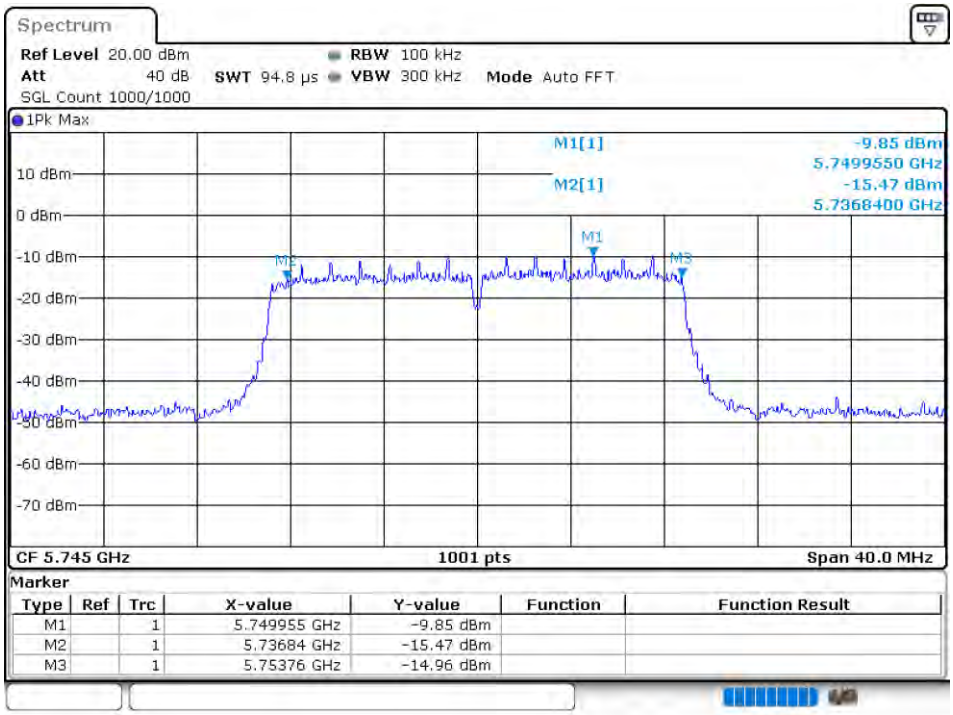
EBW NVNT 802.11n(HT20) 5785MHz Ant 1



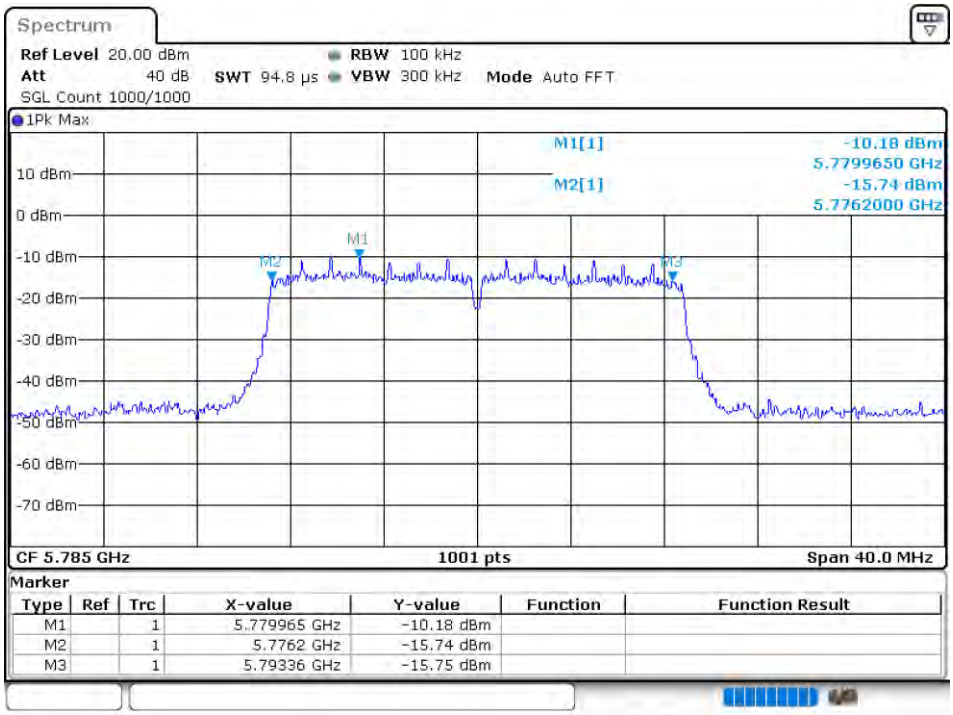
EBW NVNT 802.11n(HT20) 5825MHz Ant 1



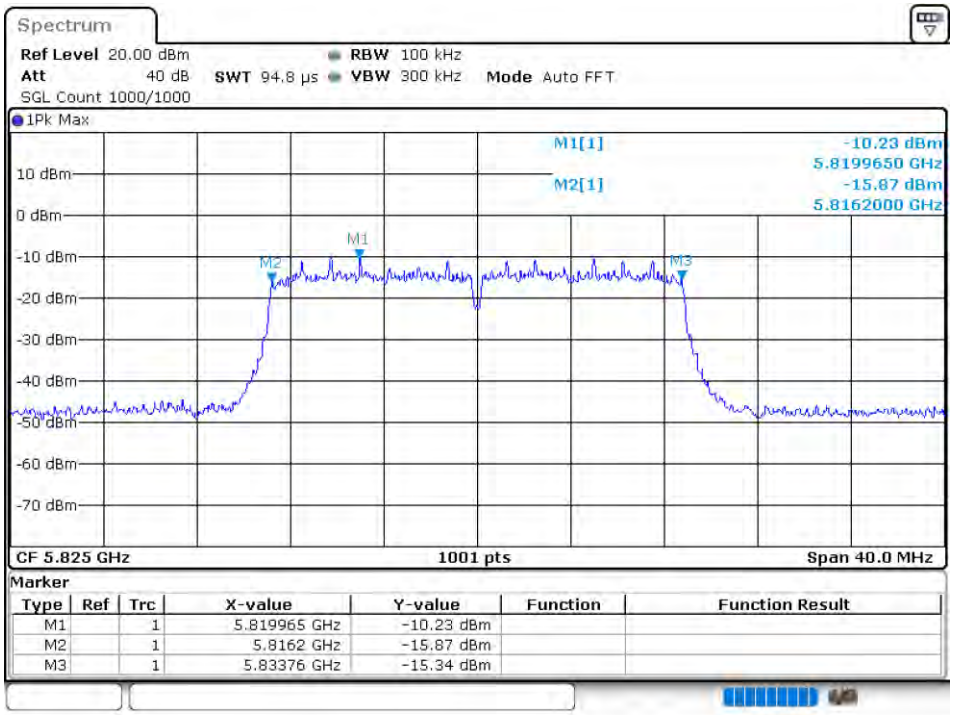
EBW NVNT 802.11n(HT20) 5745MHz Ant 2



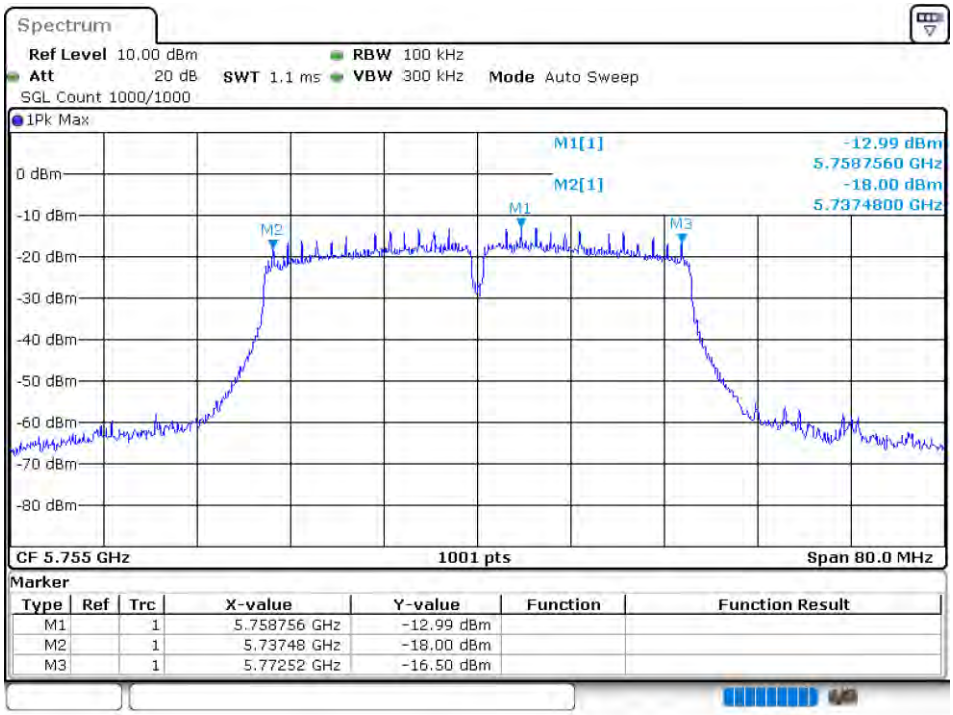
EBW NVNT 802.11n(HT20) 5785MHz Ant 2



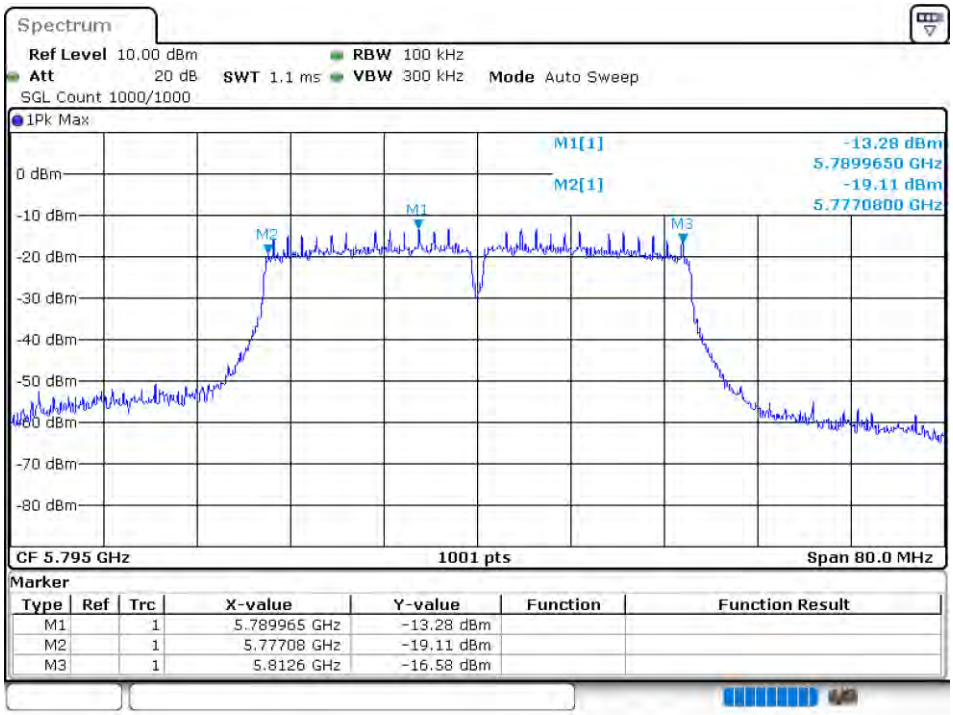
EBW NVNT 802.11n(HT20) 5825MHz Ant 2



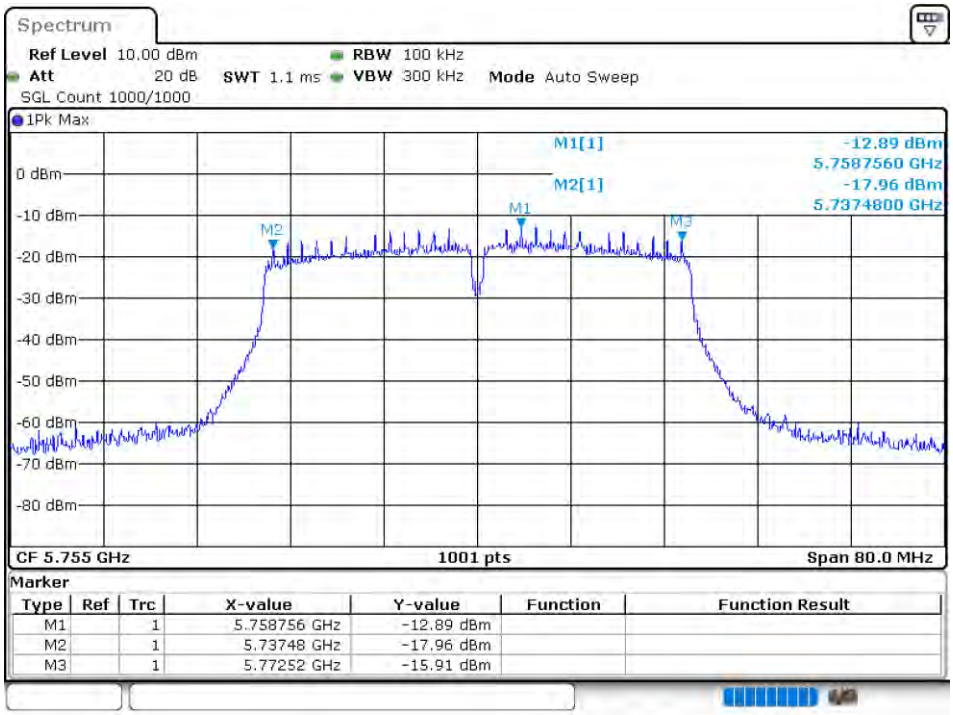
EBW NVNT 802.11n(HT40) 5755MHz Ant 1



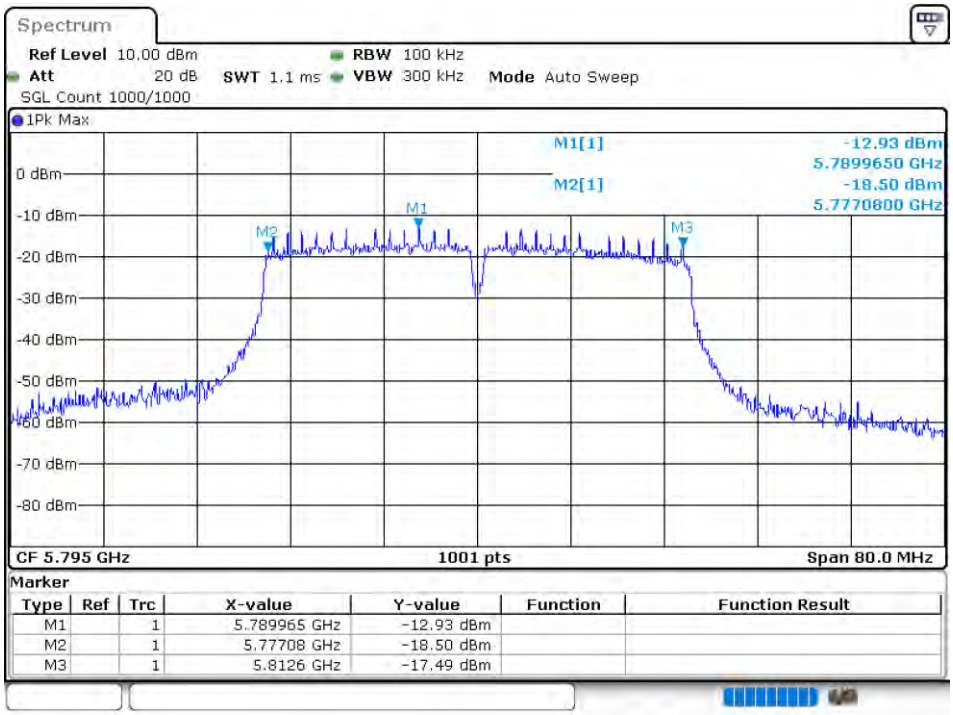
EBW NVNT 802.11n(HT40) 5795MHz Ant 1



EBW NVNT 802.11n(HT40) 5755MHz Ant 2



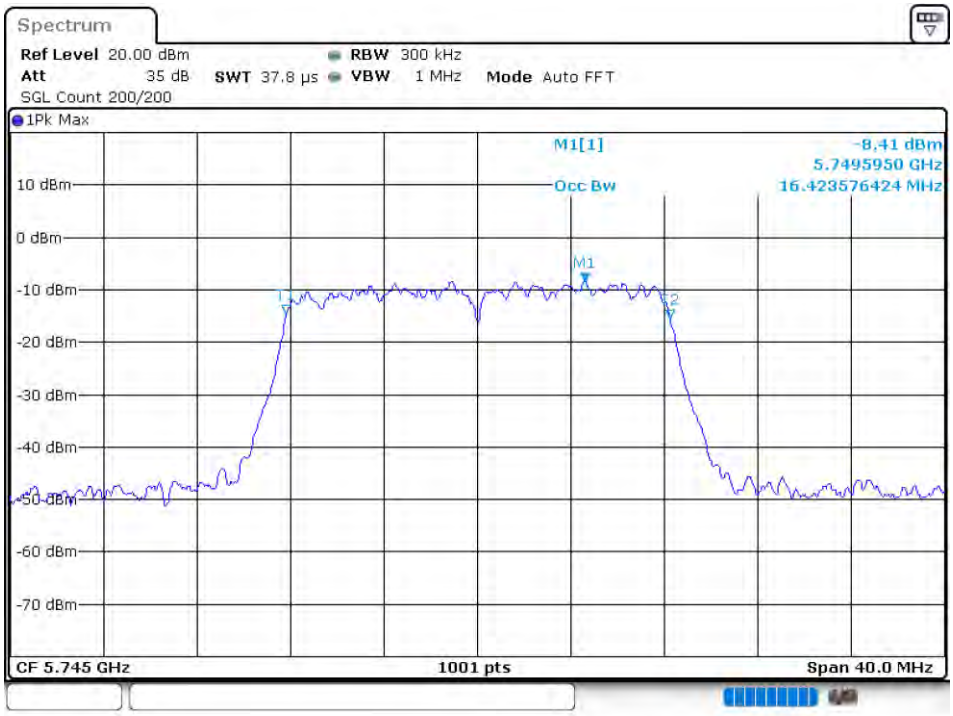
EBW NVNT 802.11n(HT40) 5795MHz Ant 2



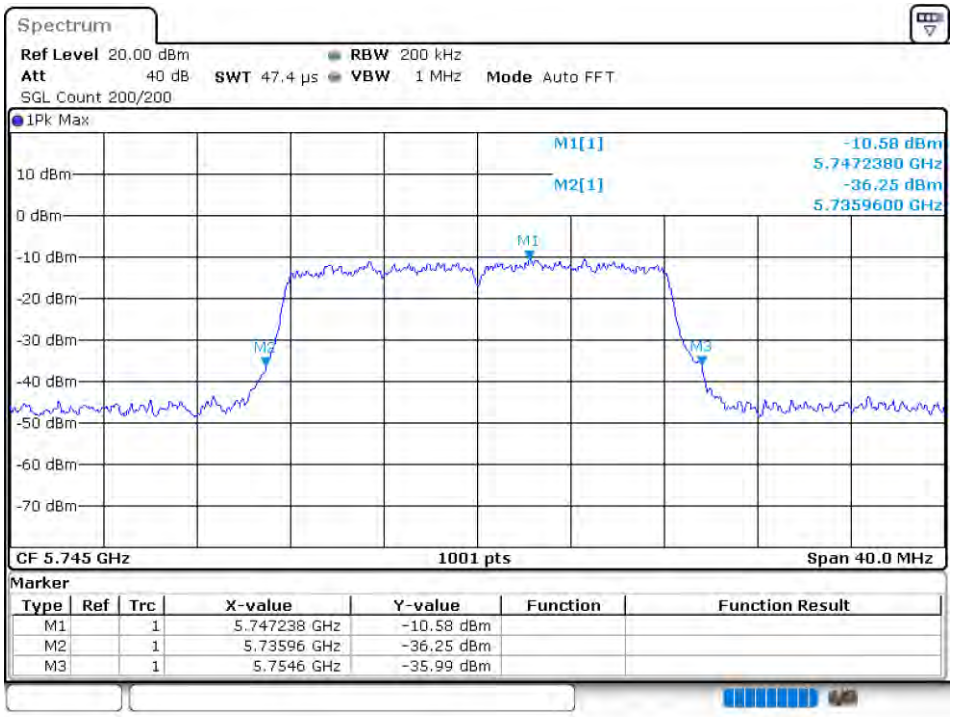
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	-26 dB Bandwidth (MHz)	Verdict
NVNT	802.11a	5745	Ant 1	16.4236	18.64	Pass
NVNT	802.11a	5785	Ant 1	16.4236	18.36	Pass
NVNT	802.11a	5825	Ant 1	16.4236	18.24	Pass
NVNT	802.11a	5745	Ant 2	16.3836	18.6	Pass
NVNT	802.11a	5785	Ant 2	16.4236	18.28	Pass
NVNT	802.11a	5825	Ant 2	16.4236	18.56	Pass
NVNT	802.11ac20	5745	Ant 1	17.5824	19.2	Pass
NVNT	802.11ac20	5785	Ant 1	17.5824	19.24	Pass
NVNT	802.11ac20	5825	Ant 1	17.5824	19.56	Pass
NVNT	802.11ac20	5745	Ant 2	17.5824	19.24	Pass
NVNT	802.11ac20	5785	Ant 2	17.6224	19.12	Pass
NVNT	802.11ac20	5825	Ant 2	17.5425	19.76	Pass
NVNT	802.11ac40	5755	Ant 1	36.044	41.68	Pass
NVNT	802.11ac40	5795	Ant 1	36.2038	41.76	Pass
NVNT	802.11ac40	5755	Ant 2	35.964	41.28	Pass
NVNT	802.11ac40	5795	Ant 2	36.2038	42.4	Pass
NVNT	802.11ac80	5775	Ant 1	74.4855	80.16	Pass
NVNT	802.11ac80	5775	Ant 2	74.006	80	Pass
NVNT	802.11n(HT20)	5745	Ant 1	17.5425	19.28	Pass
NVNT	802.11n(HT20)	5785	Ant 1	17.5824	19.24	Pass
NVNT	802.11n(HT20)	5825	Ant 1	17.5425	19.4	Pass
NVNT	802.11n(HT20)	5745	Ant 2	17.5425	19.08	Pass
NVNT	802.11n(HT20)	5785	Ant 2	17.6224	19.12	Pass
NVNT	802.11n(HT20)	5825	Ant 2	17.5824	19.24	Pass
NVNT	802.11n(HT40)	5755	Ant 1	35.964	40.72	Pass
NVNT	802.11n(HT40)	5795	Ant 1	36.1239	41.44	Pass
NVNT	802.11n(HT40)	5755	Ant 2	36.044	40.72	Pass
NVNT	802.11n(HT40)	5795	Ant 2	36.2038	41.36	Pass

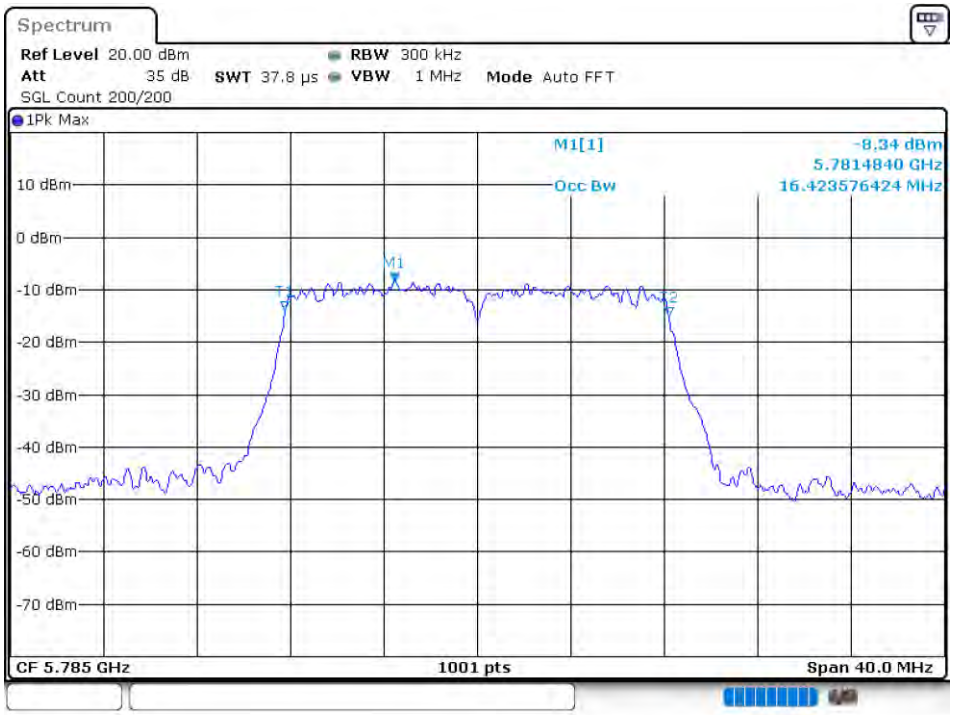
OBW NVNT 802.11a 5745MHz Ant 1



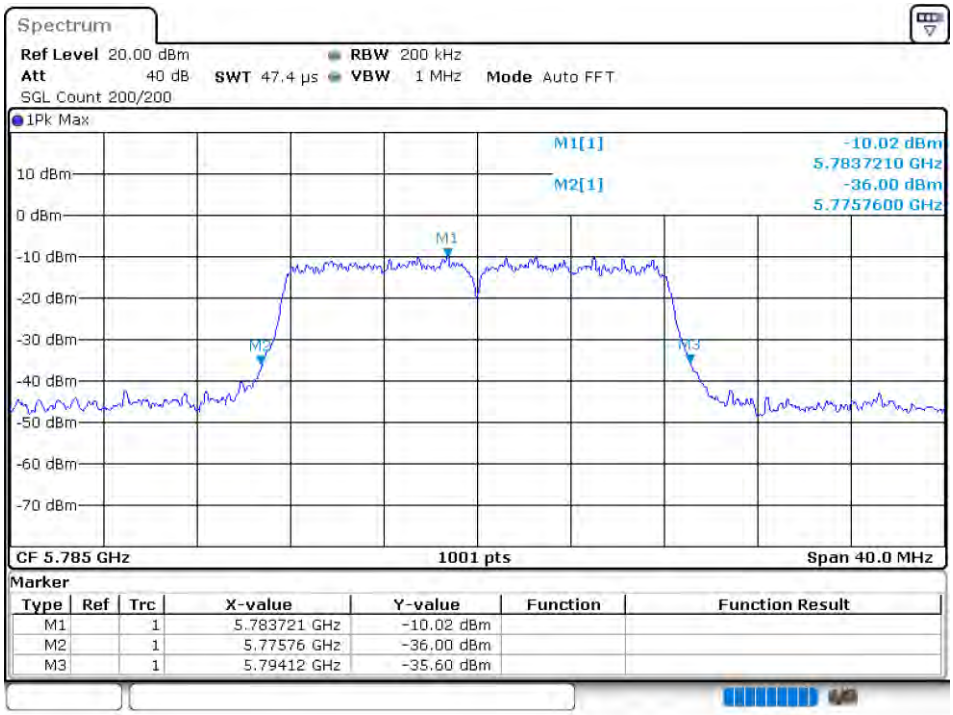
-26 dB BW NVNT 802.11a 5745MHz Ant 1



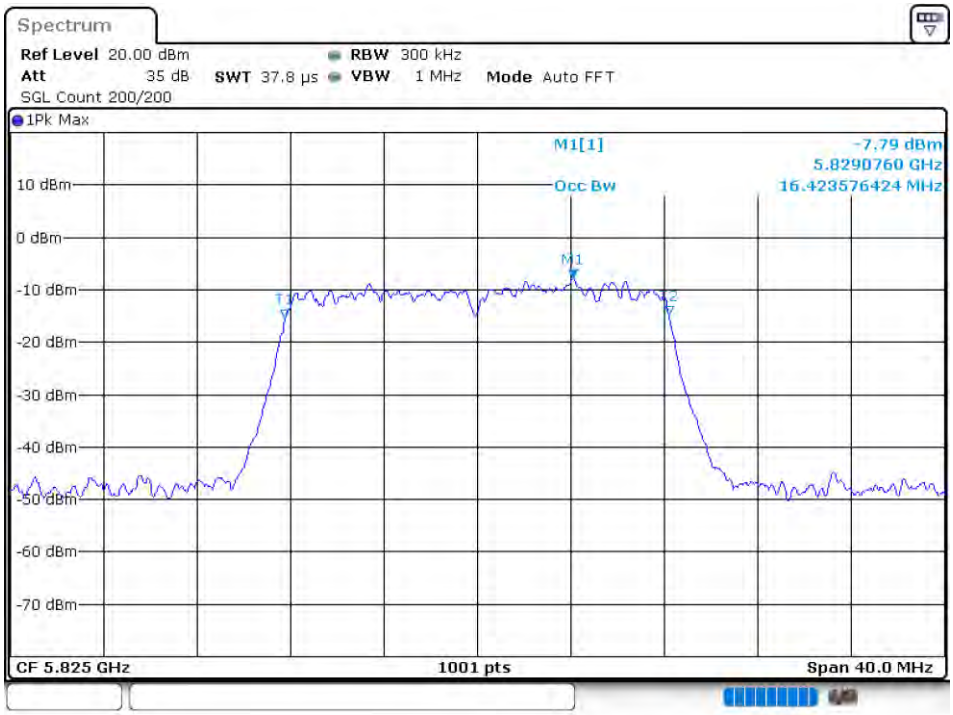
OBW NVNT 802.11a 5785MHz Ant 1



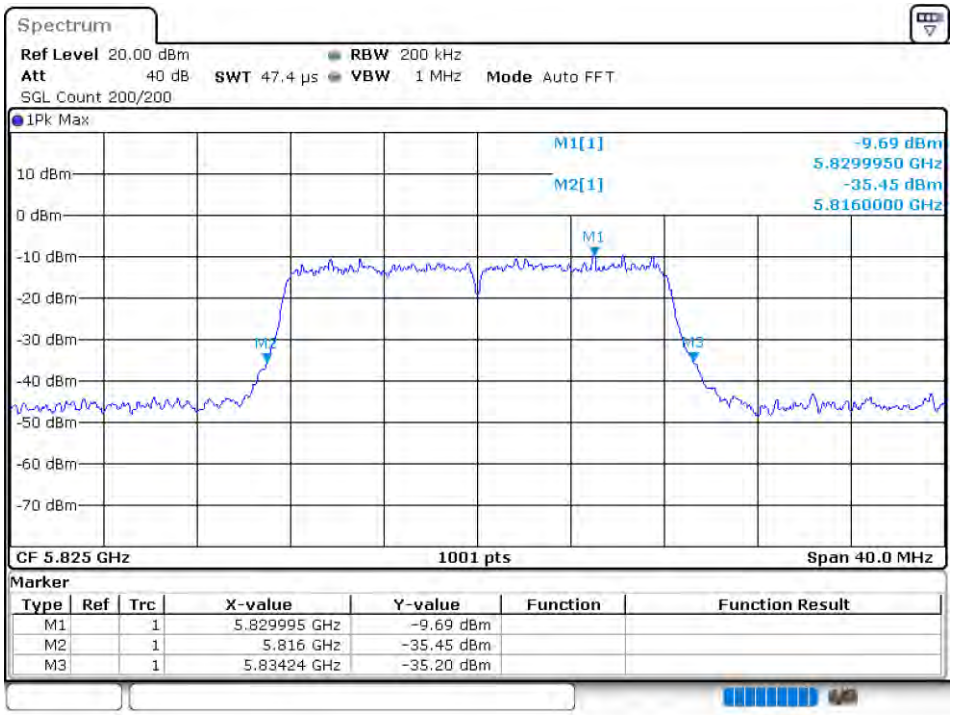
-26 dB BW NVNT 802.11a 5785MHz Ant 1



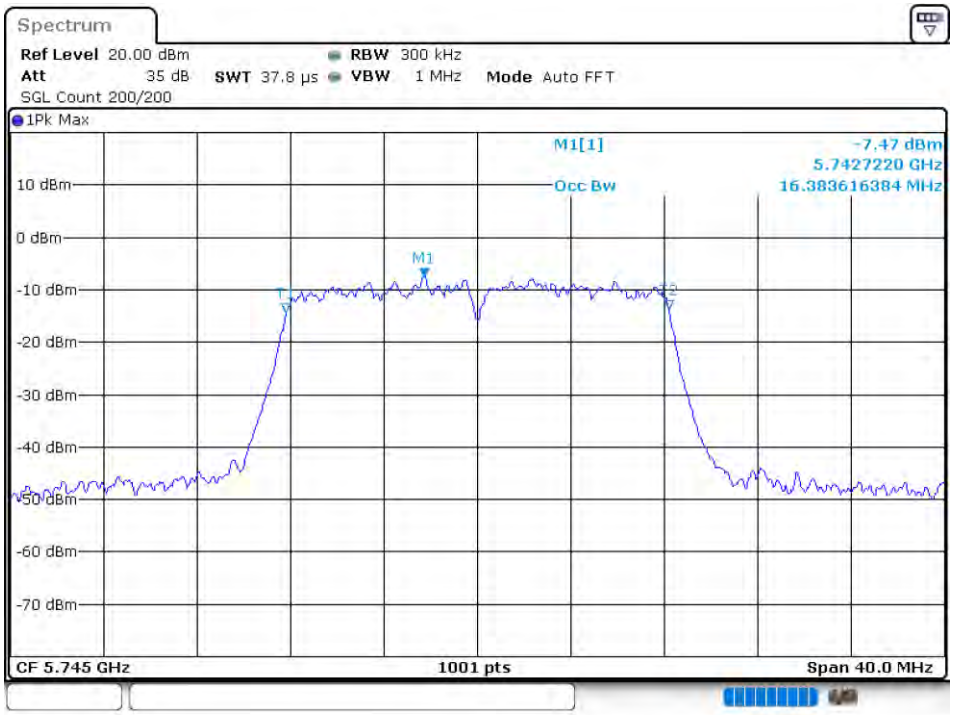
OBW NVNT 802.11a 5825MHz Ant 1



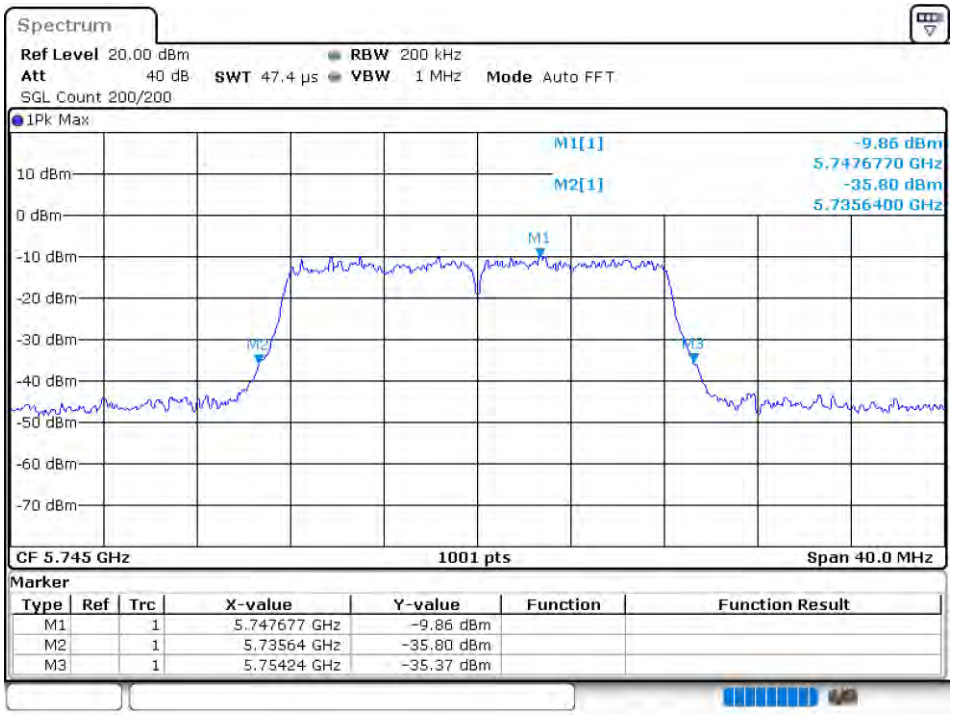
-26 dB BW NVNT 802.11a 5825MHz Ant 1



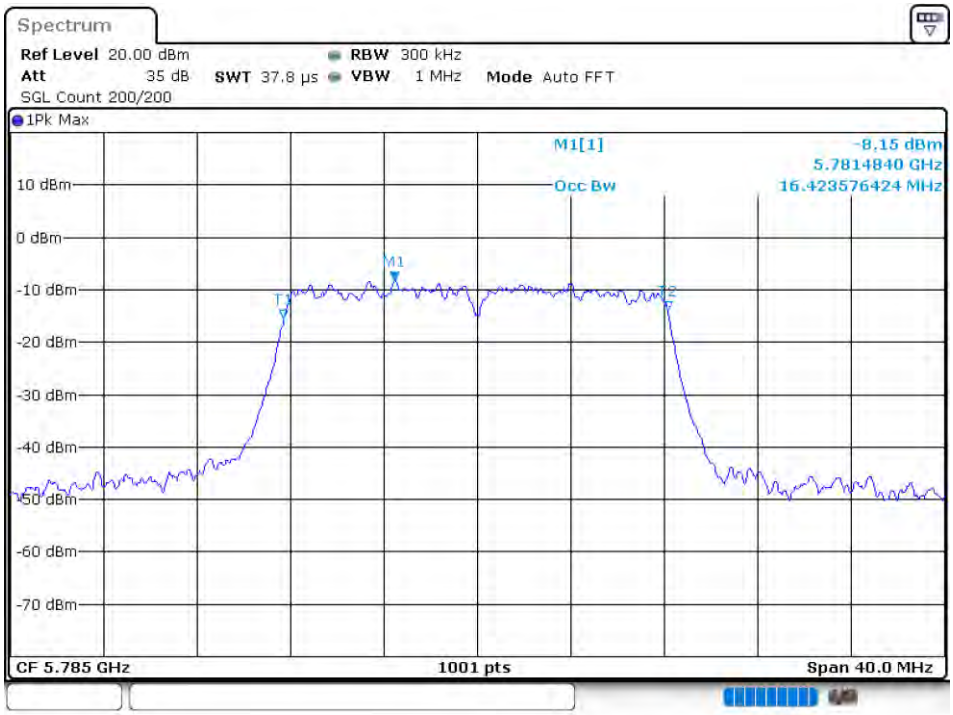
OBW NVNT 802.11a 5745MHz Ant 2



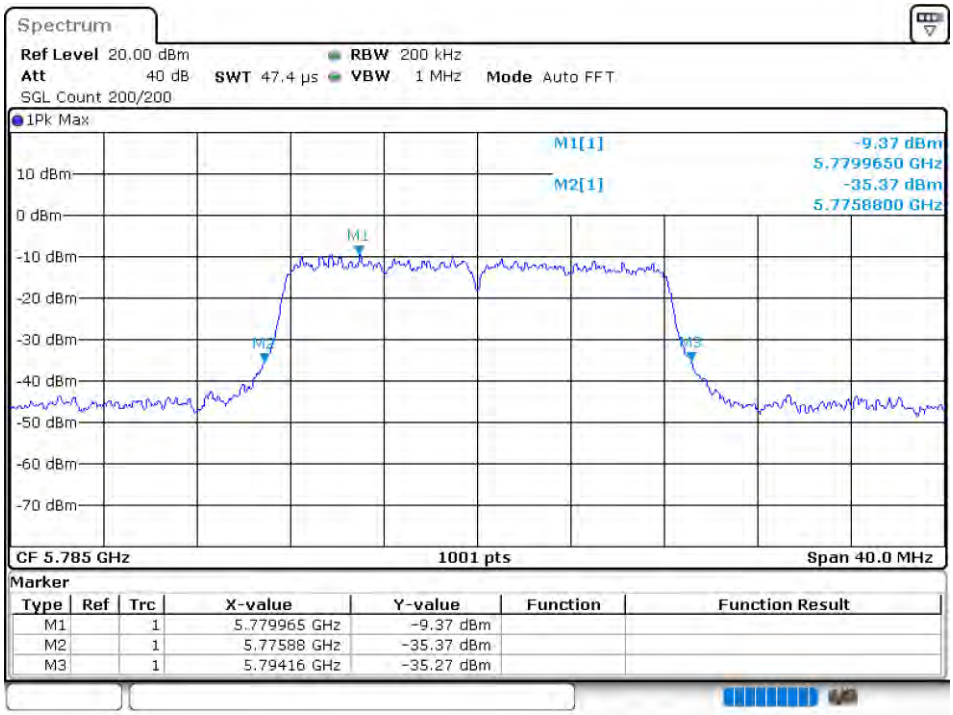
-26 dB BW NVNT 802.11a 5745MHz Ant 2



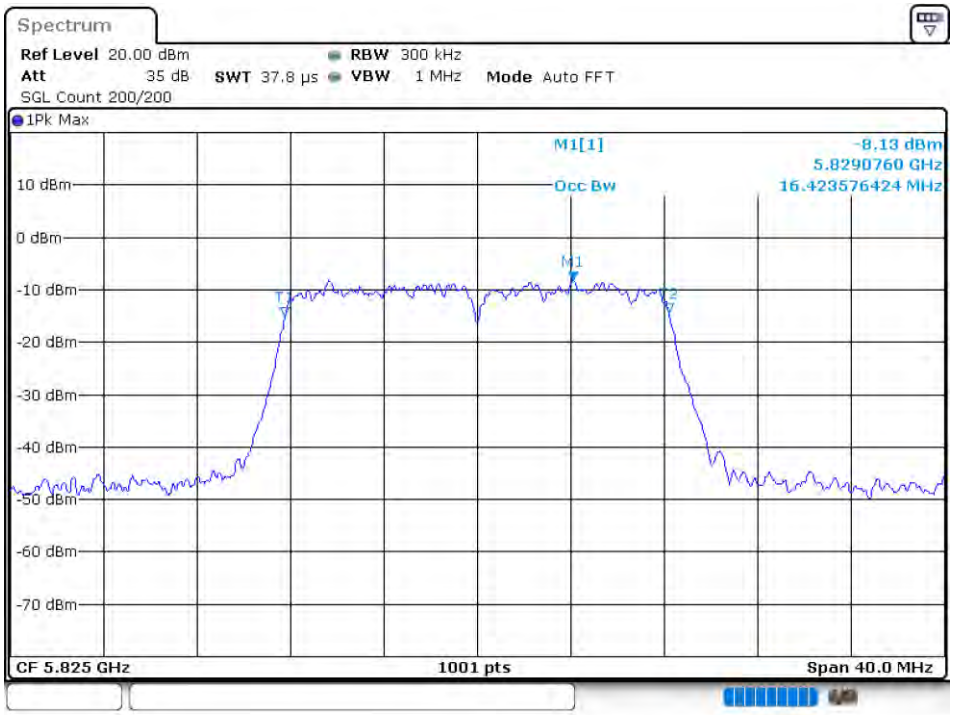
OBW NVNT 802.11a 5785MHz Ant 2



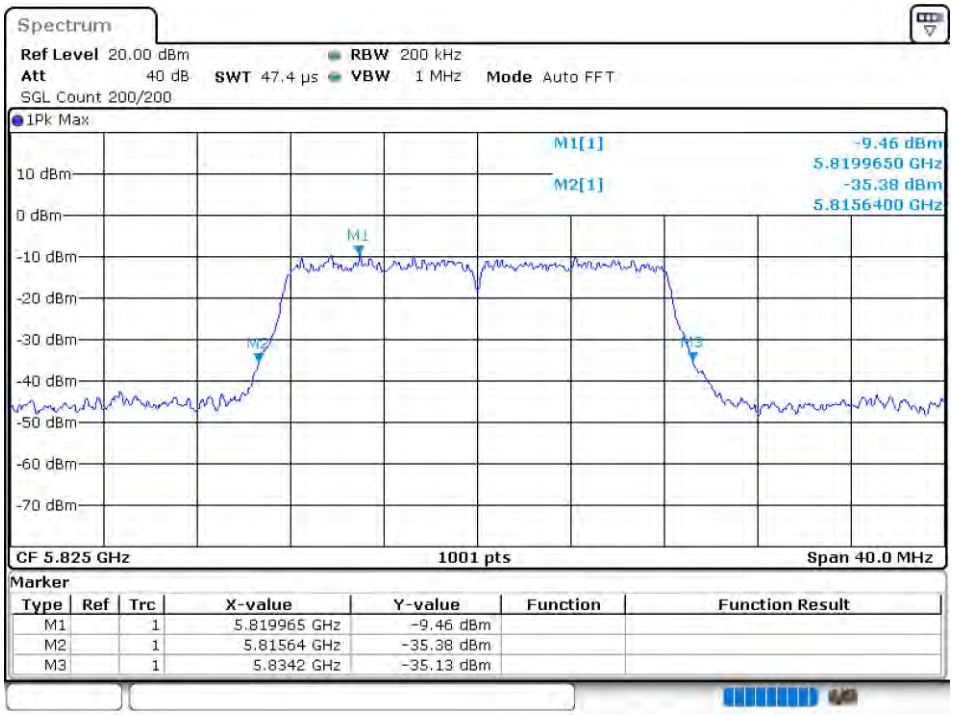
-26 dB BW NVNT 802.11a 5785MHz Ant 2



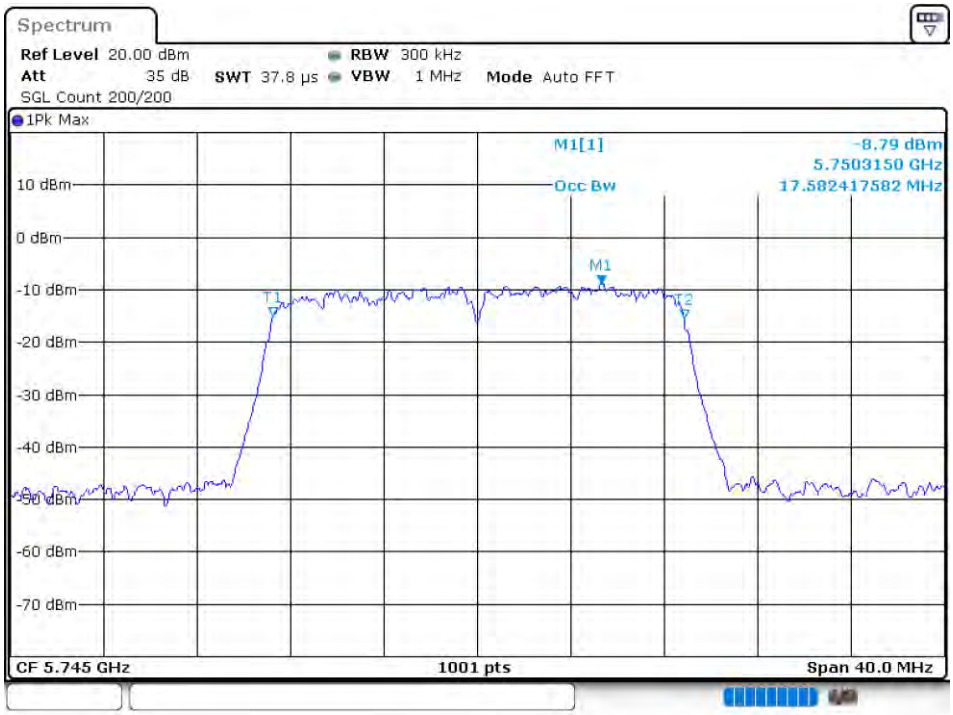
OBW NVNT 802.11a 5825MHz Ant 2



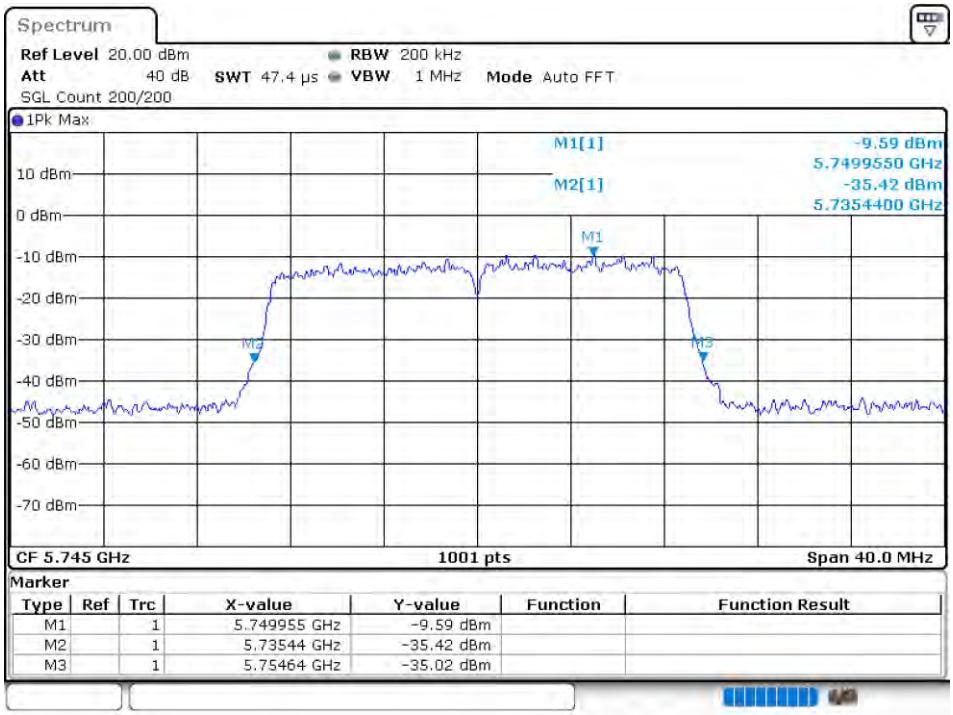
-26 dB BW NVNT 802.11a 5825MHz Ant 2



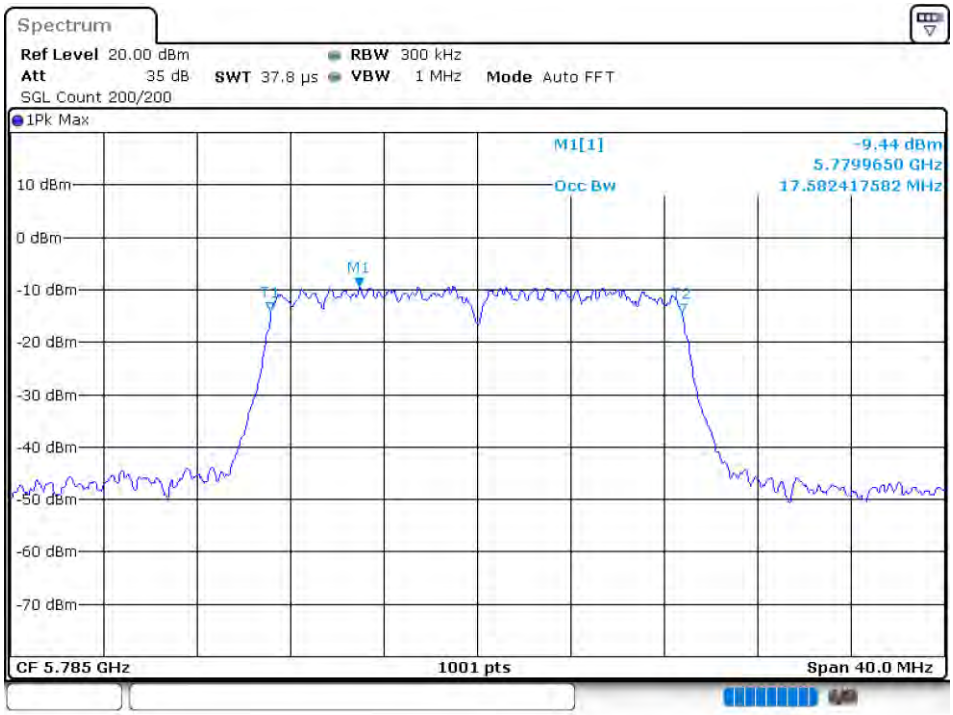
OBW NVNT 802.11ac20 5745MHz Ant 1



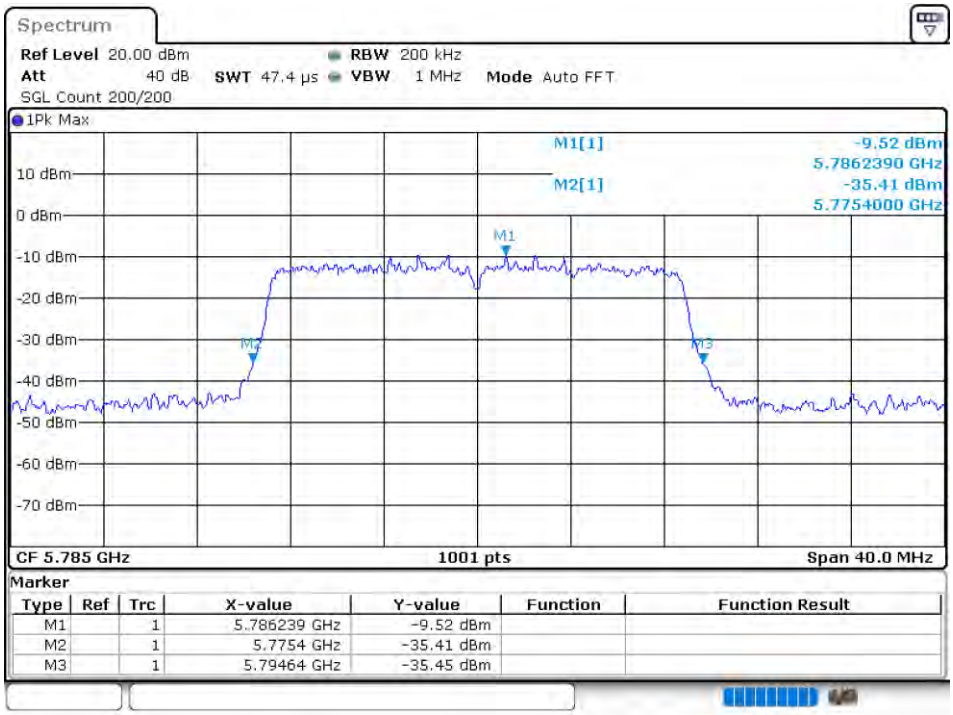
-26 dB BW NVNT 802.11ac20 5745MHz Ant 1



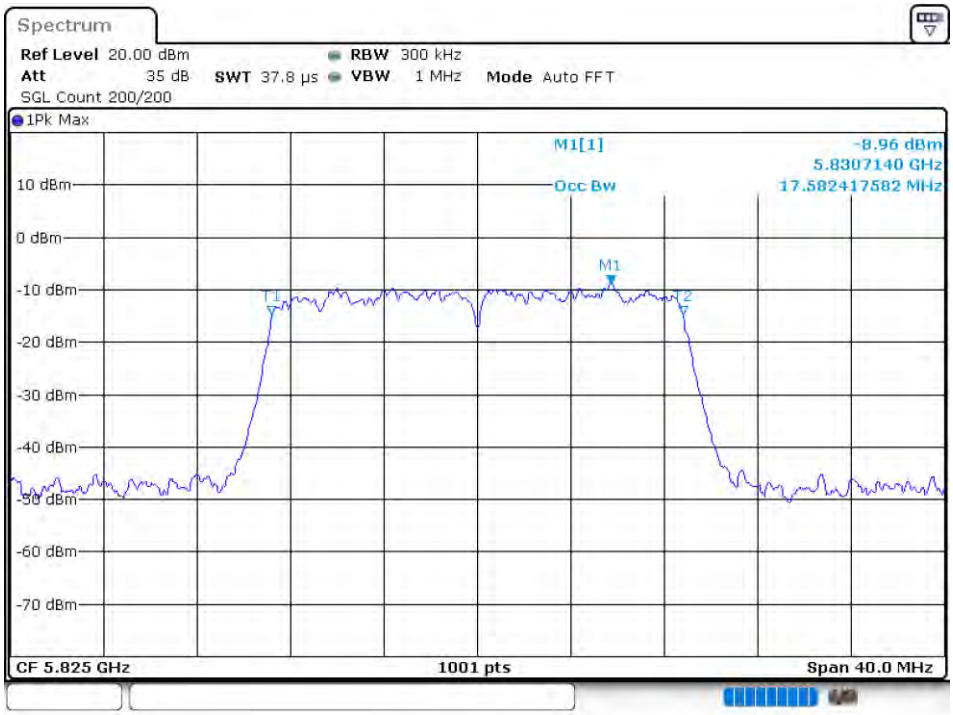
OBW NVNT 802.11ac20 5785MHz Ant 1



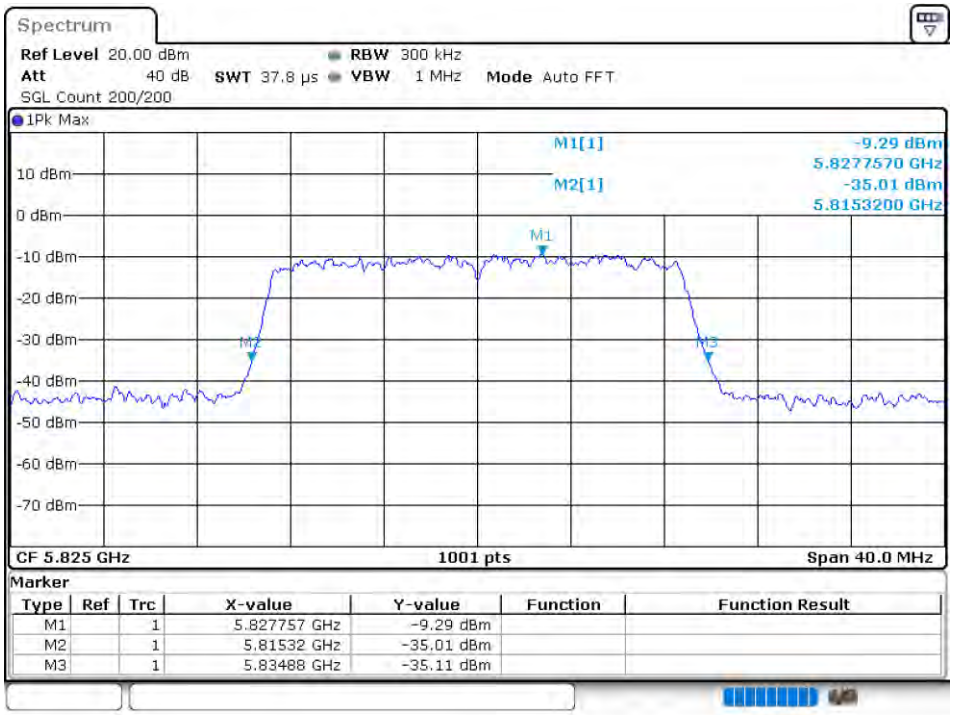
-26 dB BW NVNT 802.11ac20 5785MHz Ant 1



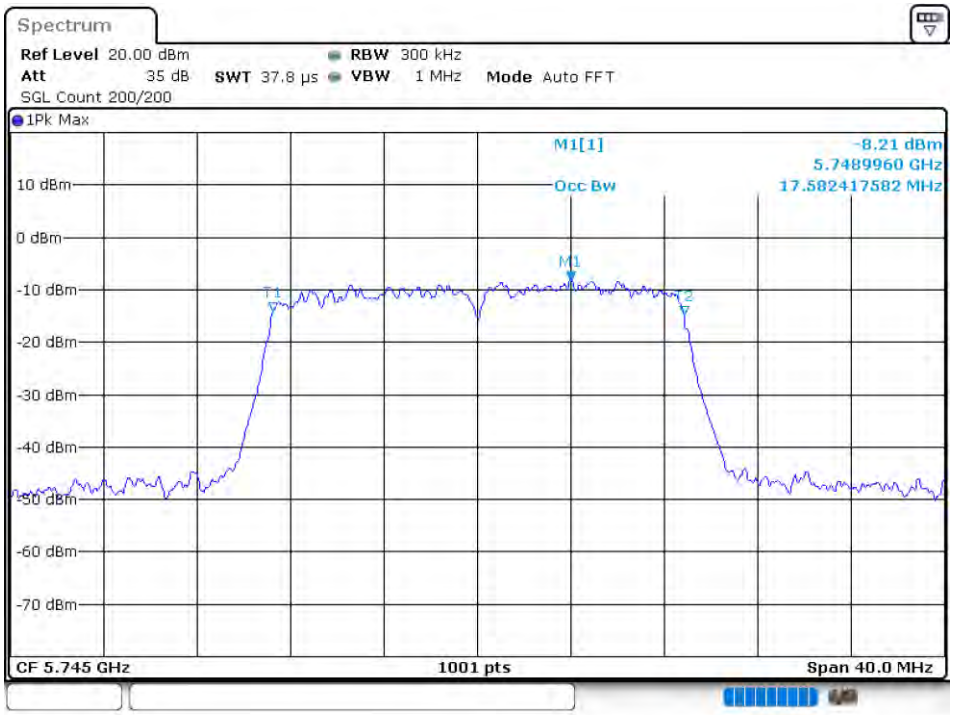
OBW NVNT 802.11ac20 5825MHz Ant 1



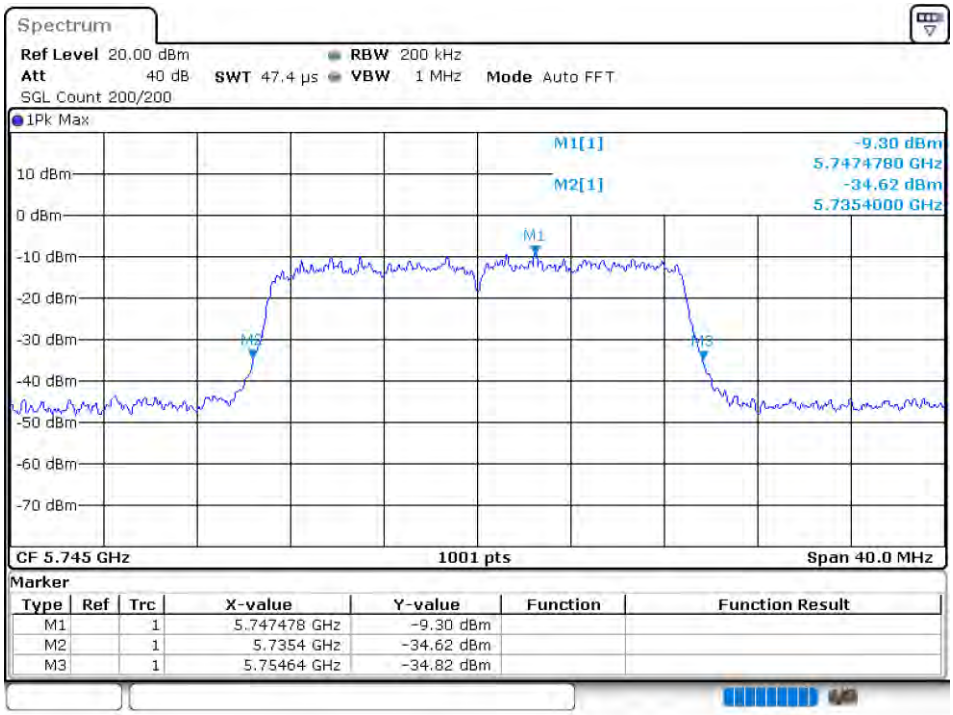
-26 dB BW NVNT 802.11ac20 5825MHz Ant 1



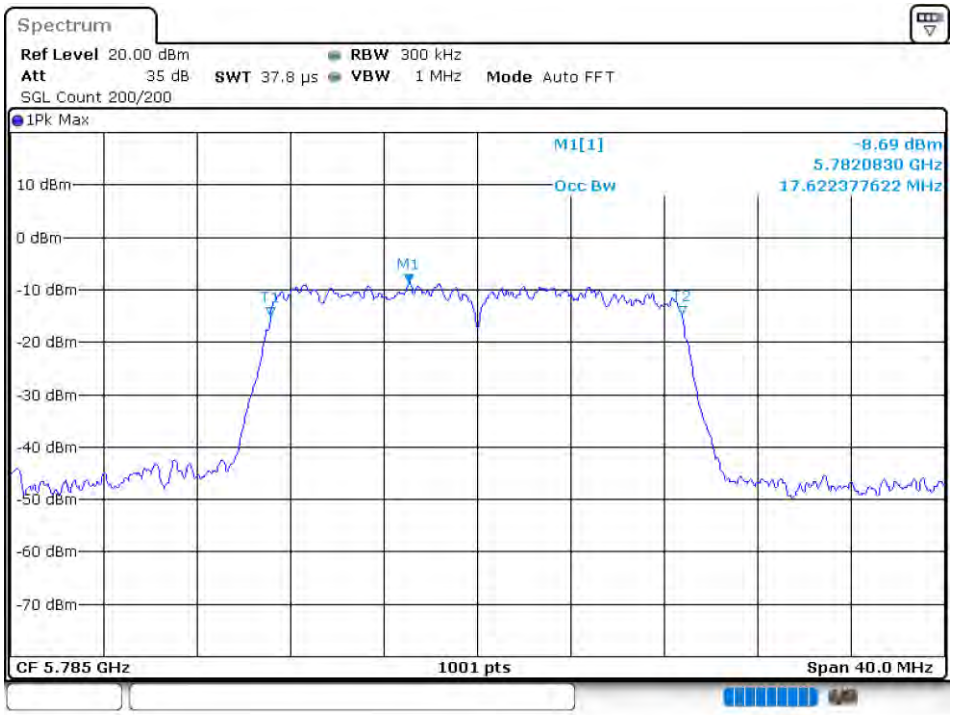
OBW NVNT 802.11ac20 5745MHz Ant 2



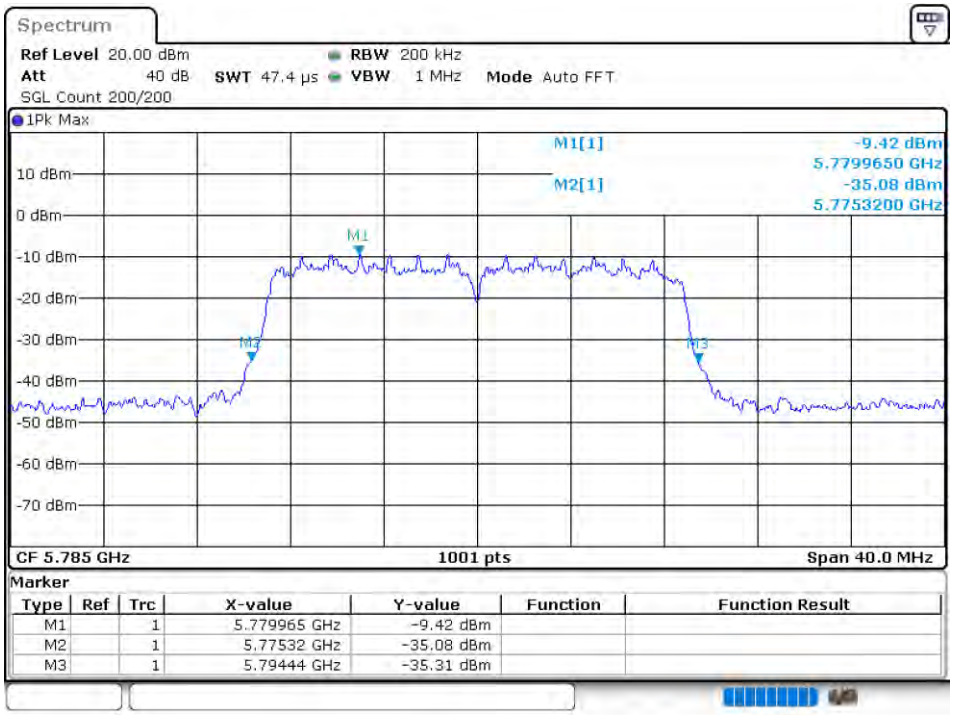
-26 dB BW NVNT 802.11ac20 5745MHz Ant 2



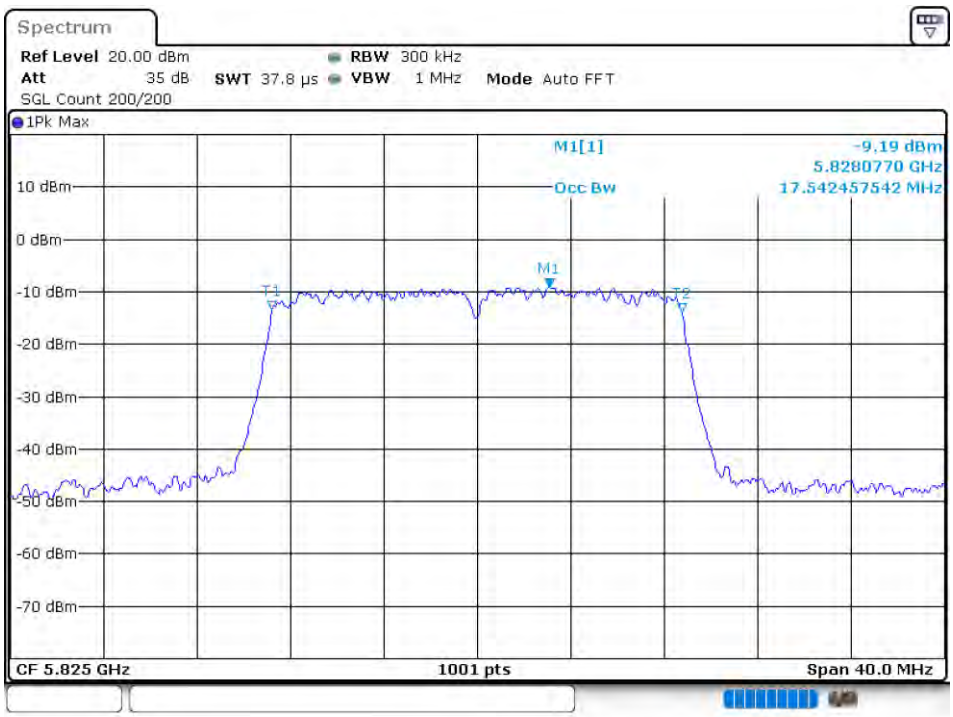
OBW NVNT 802.11ac20 5785MHz Ant 2



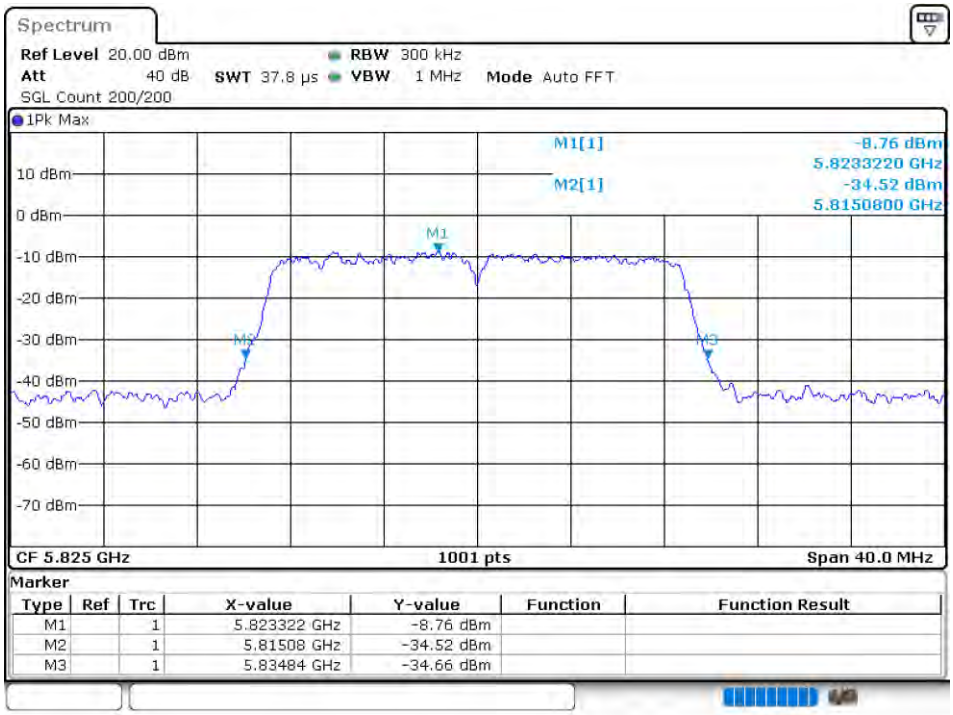
-26 dB BW NVNT 802.11ac20 5785MHz Ant 2



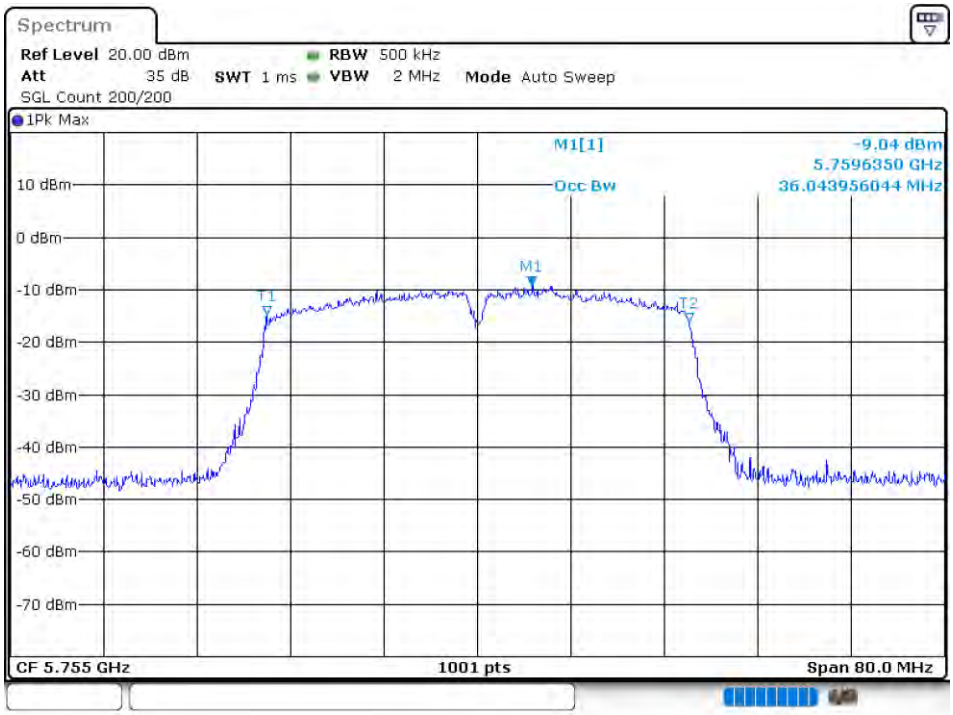
OBW NVNT 802.11ac20 5825MHz Ant 2



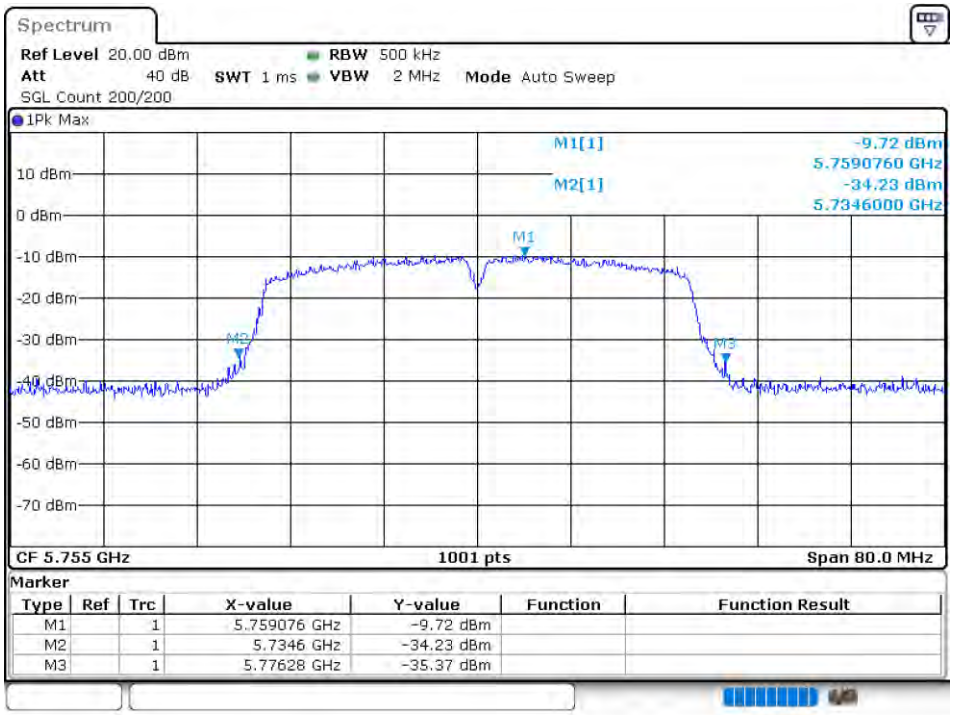
-26 dB BW NVNT 802.11ac20 5825MHz Ant 2



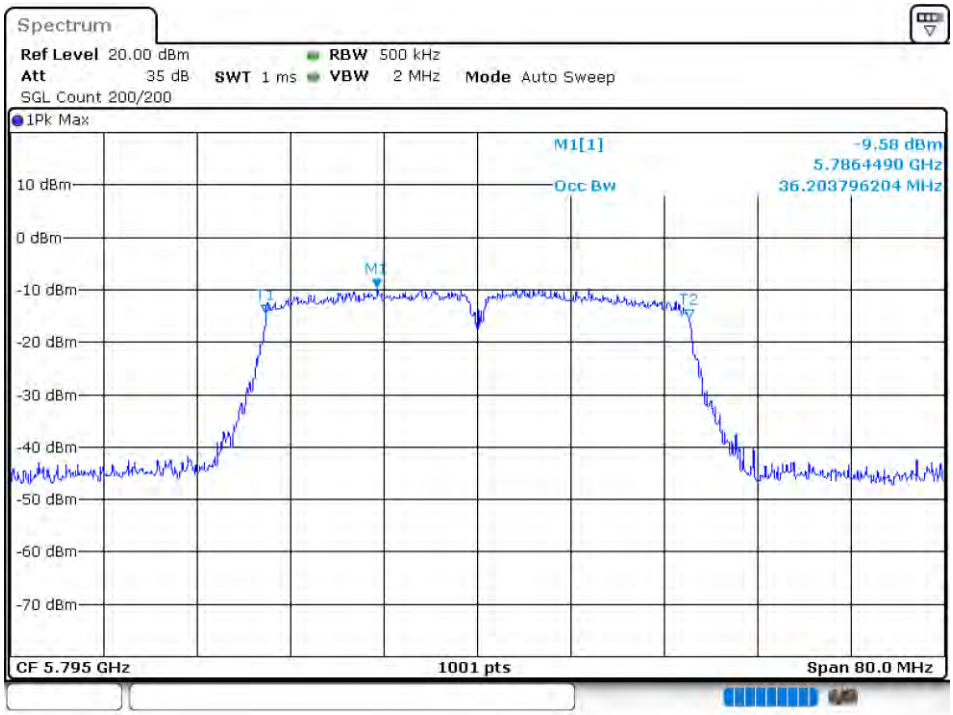
OBW NVNT 802.11ac40 5755MHz Ant 1



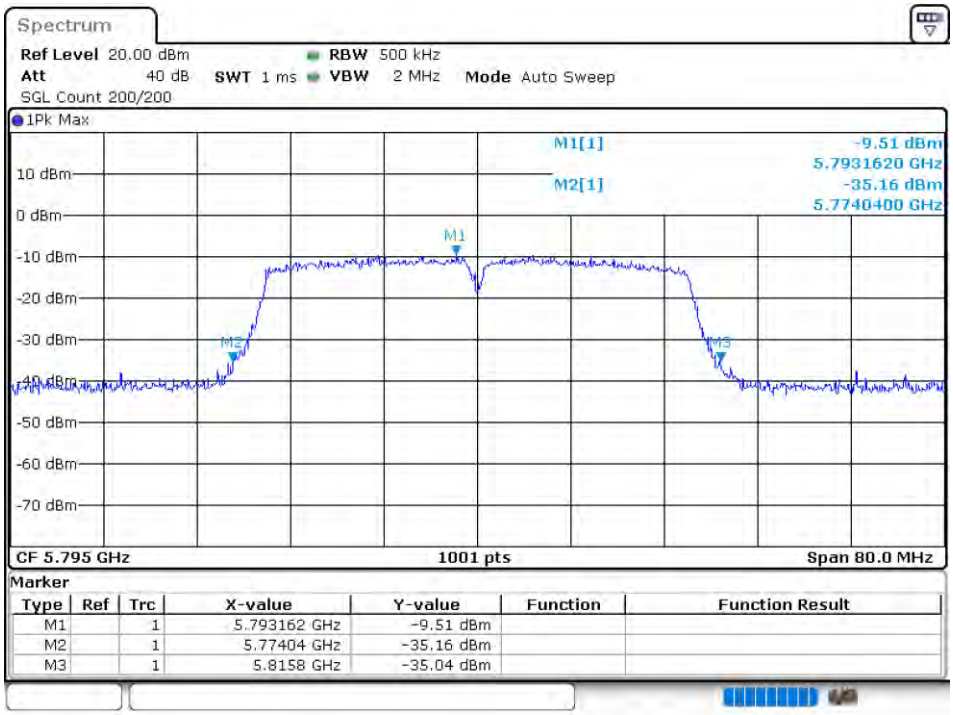
-26 dB BW NVNT 802.11ac40 5755MHz Ant 1



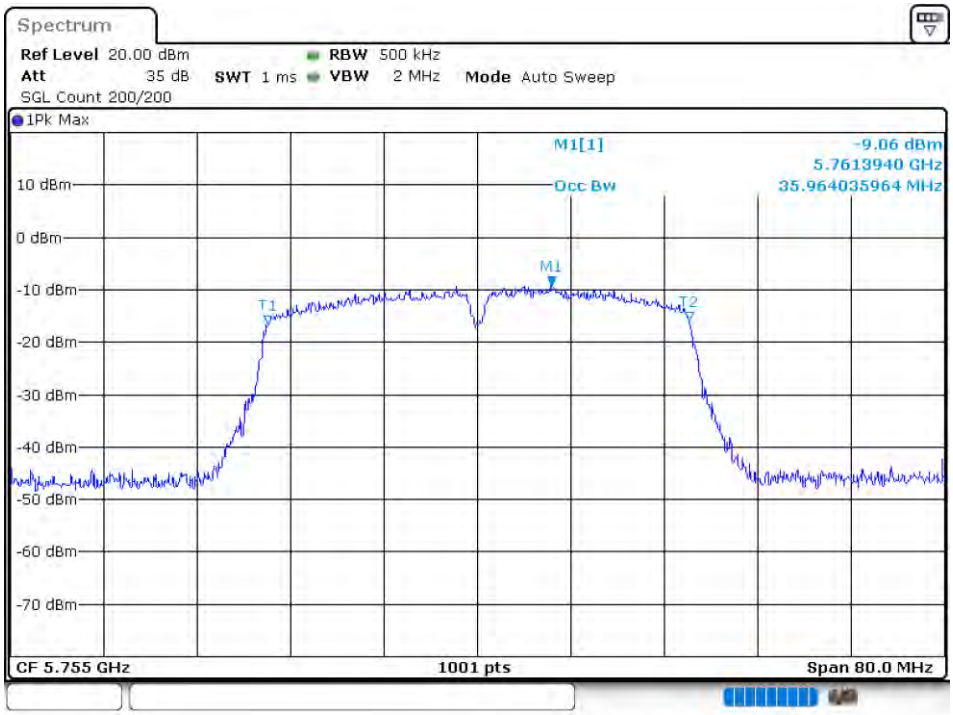
OBW NVNT 802.11ac40 5795MHz Ant 1



-26 dB BW NVNT 802.11ac40 5795MHz Ant 1



OBW NVNT 802.11ac40 5755MHz Ant 2



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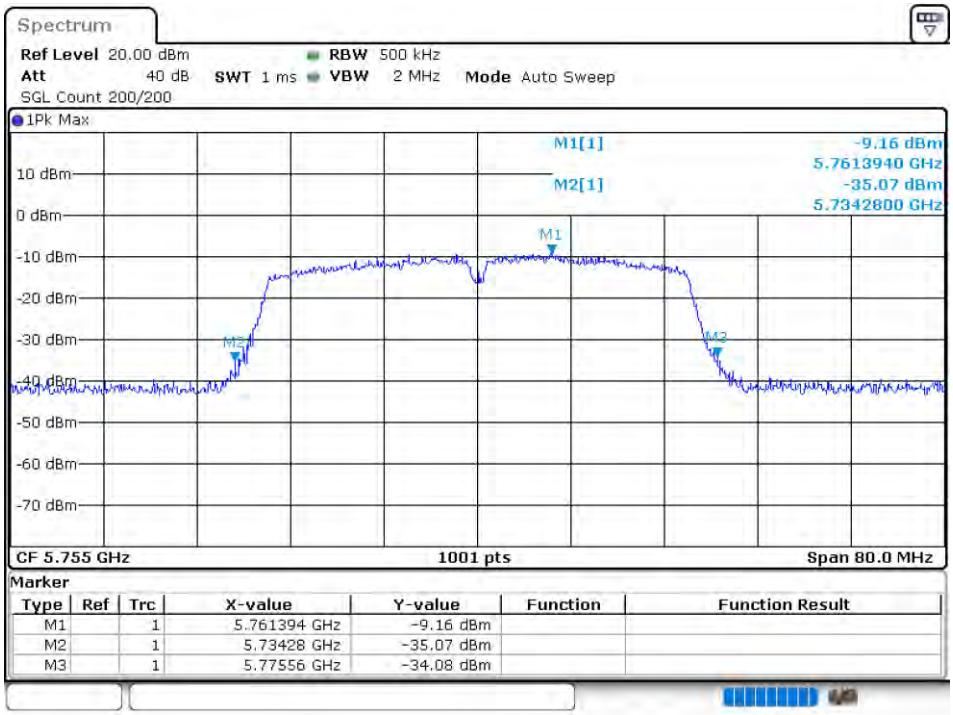
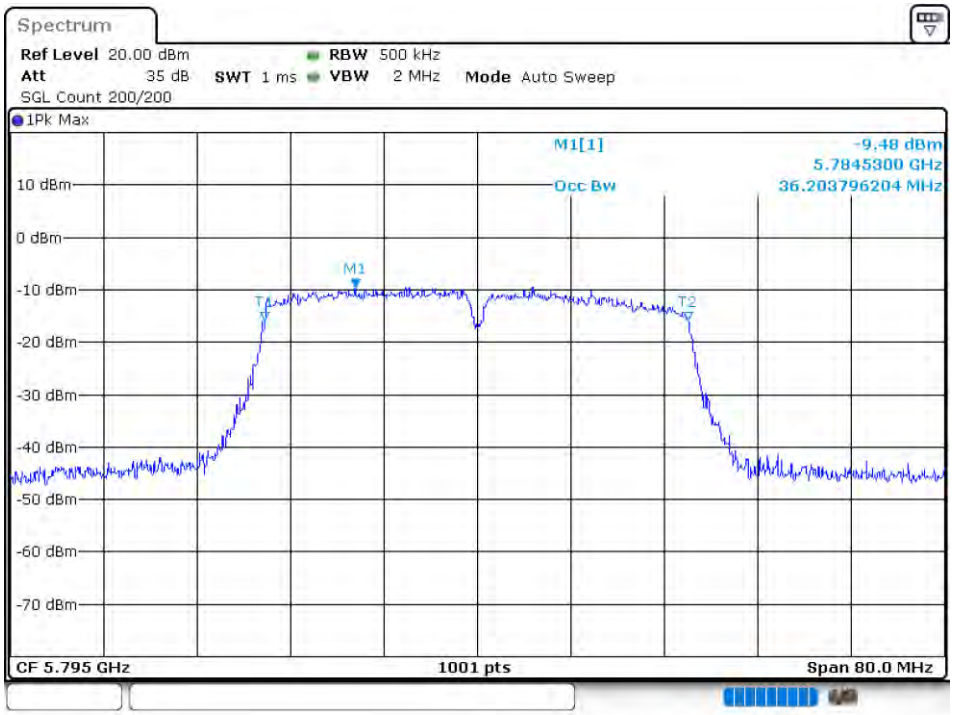
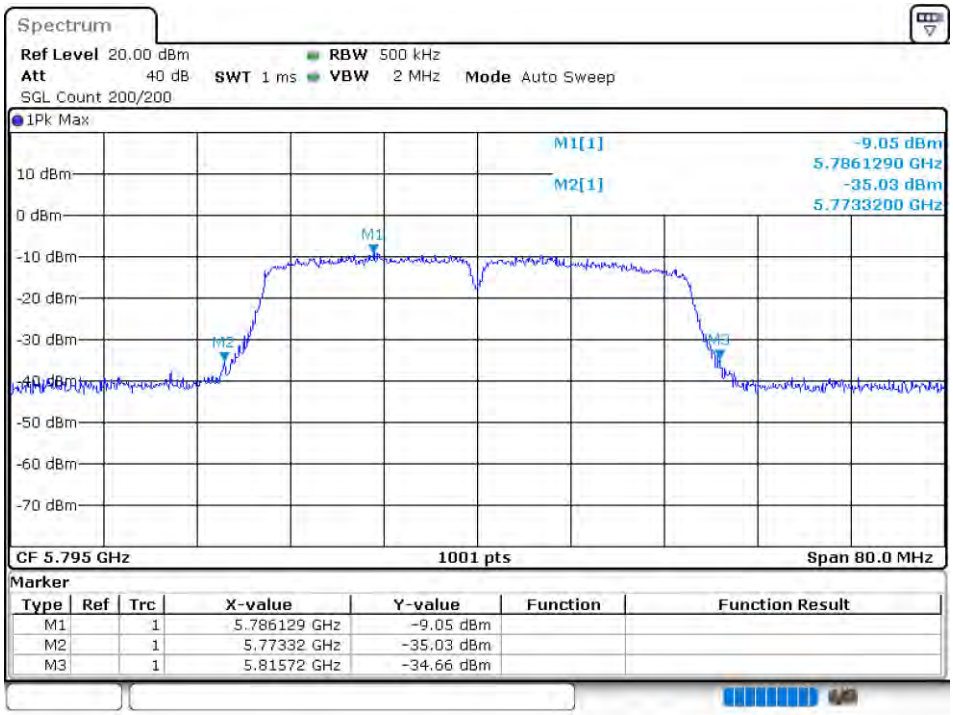


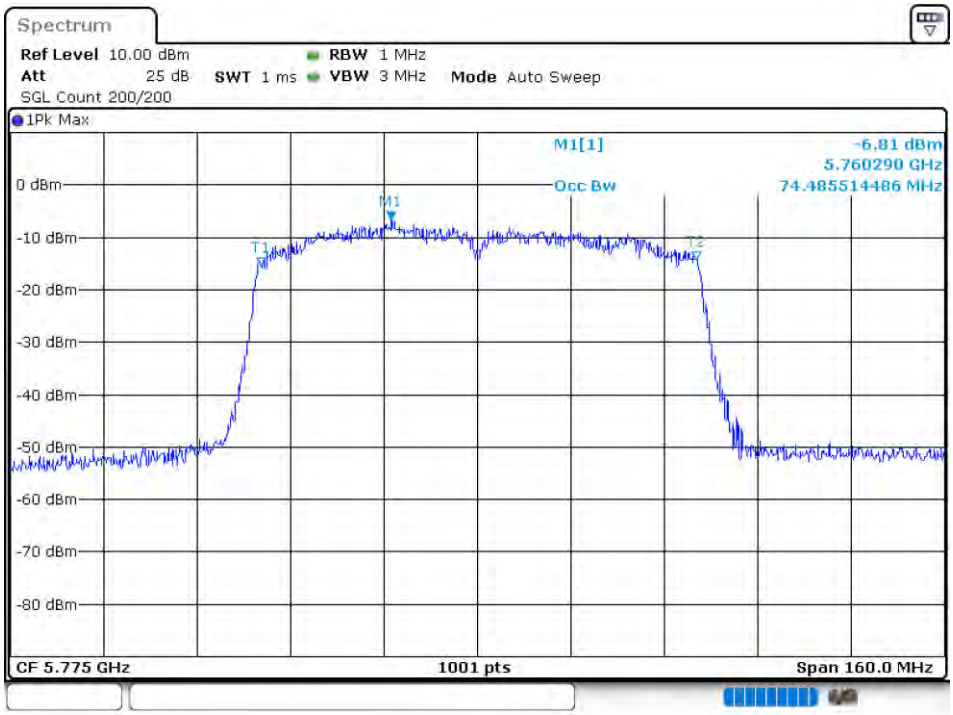
OBW NVNT 802.11ac40 5795MHz Ant 2



-26 dB BW NVNT 802.11ac40 5795MHz Ant 2



OBW NVNT 802.11ac80 5775MHz Ant 1



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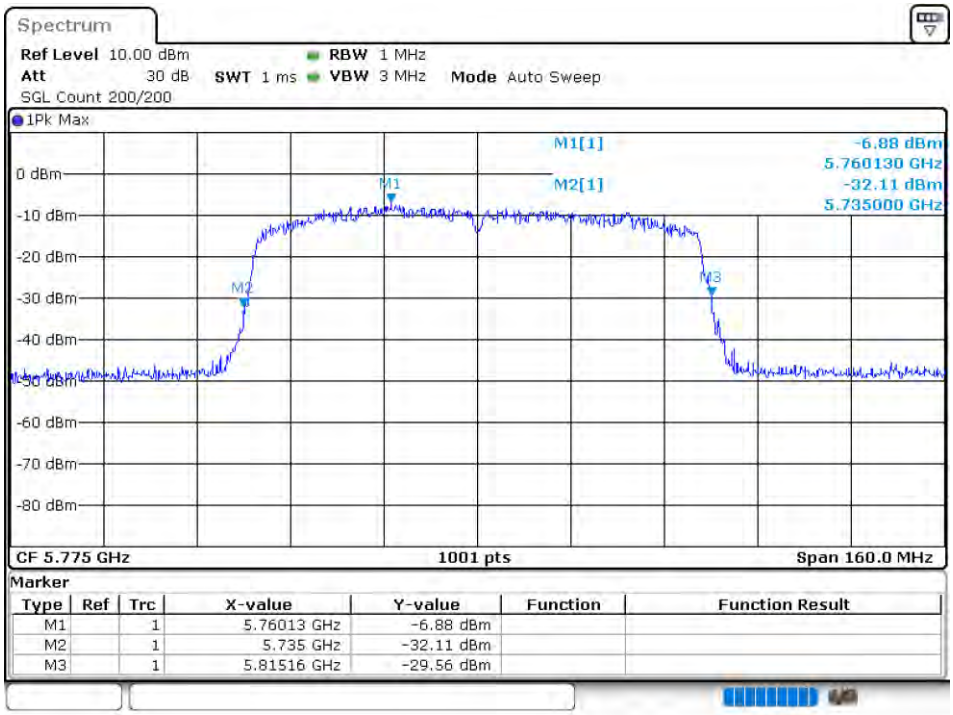
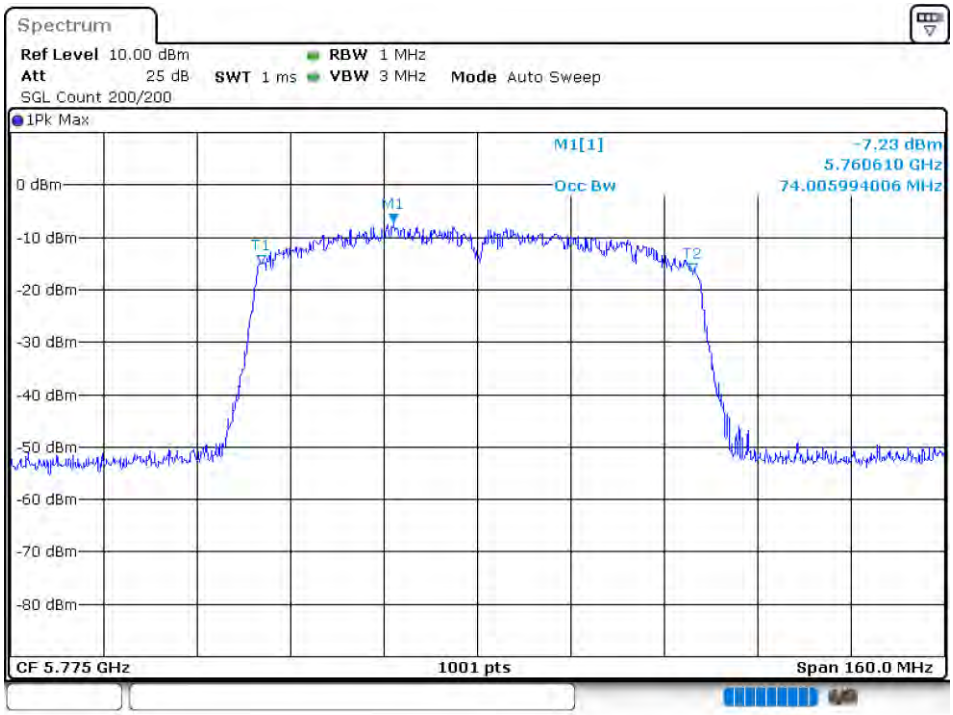


OBW NVNT 802.11ac80 5775MHz Ant 2



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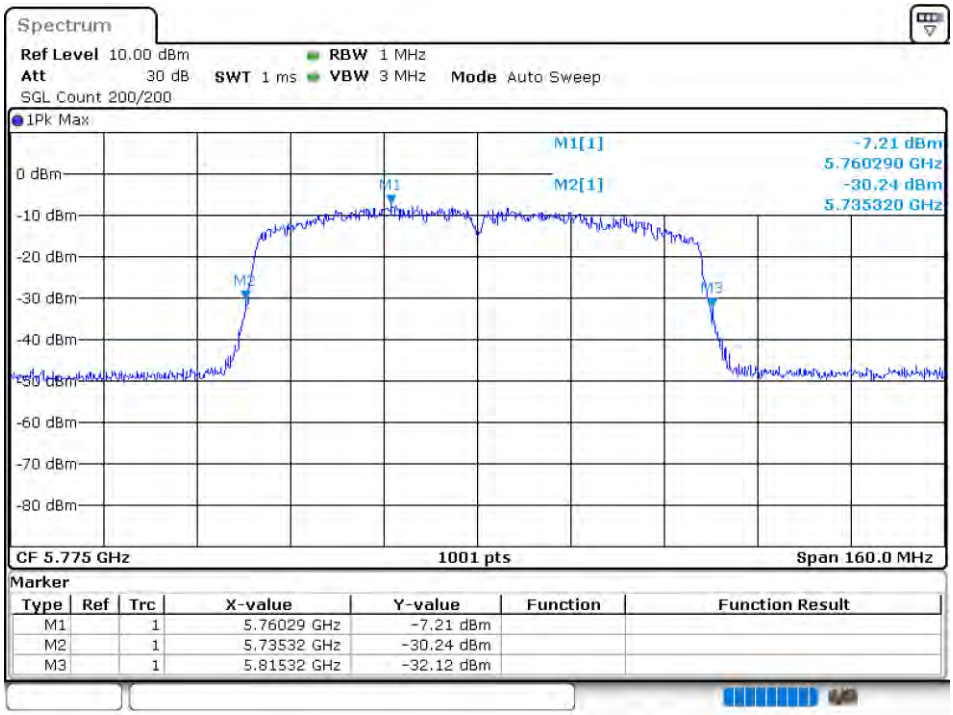
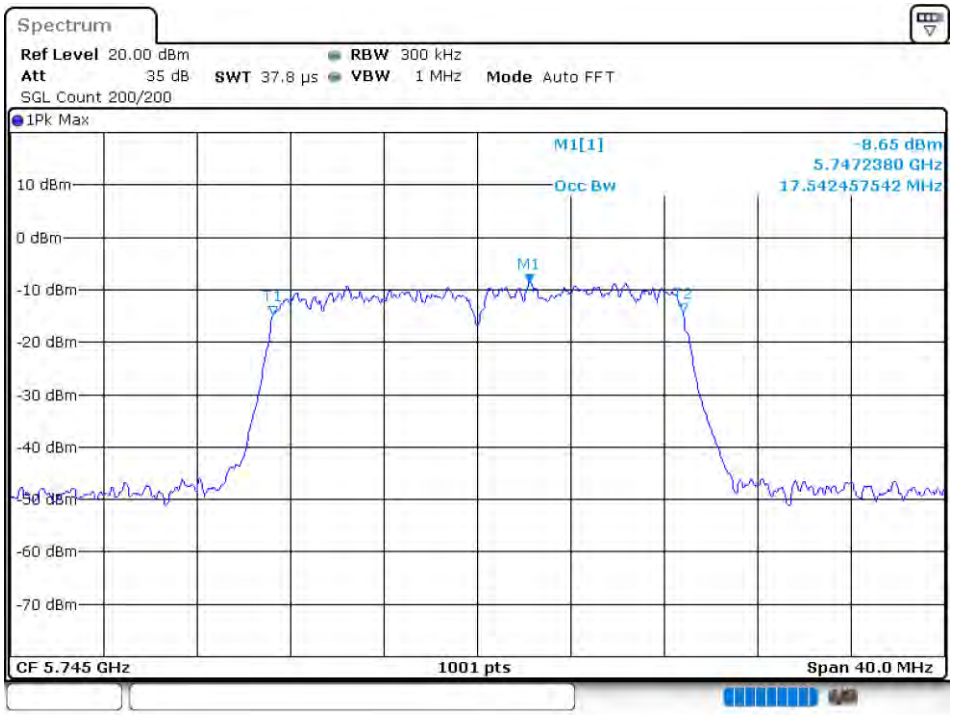
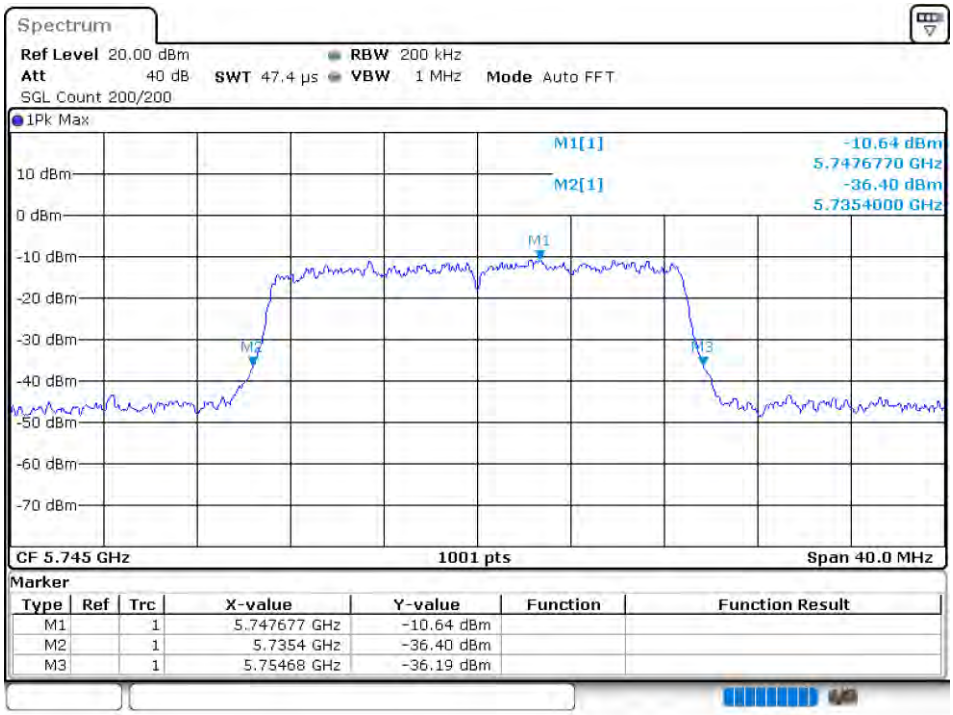


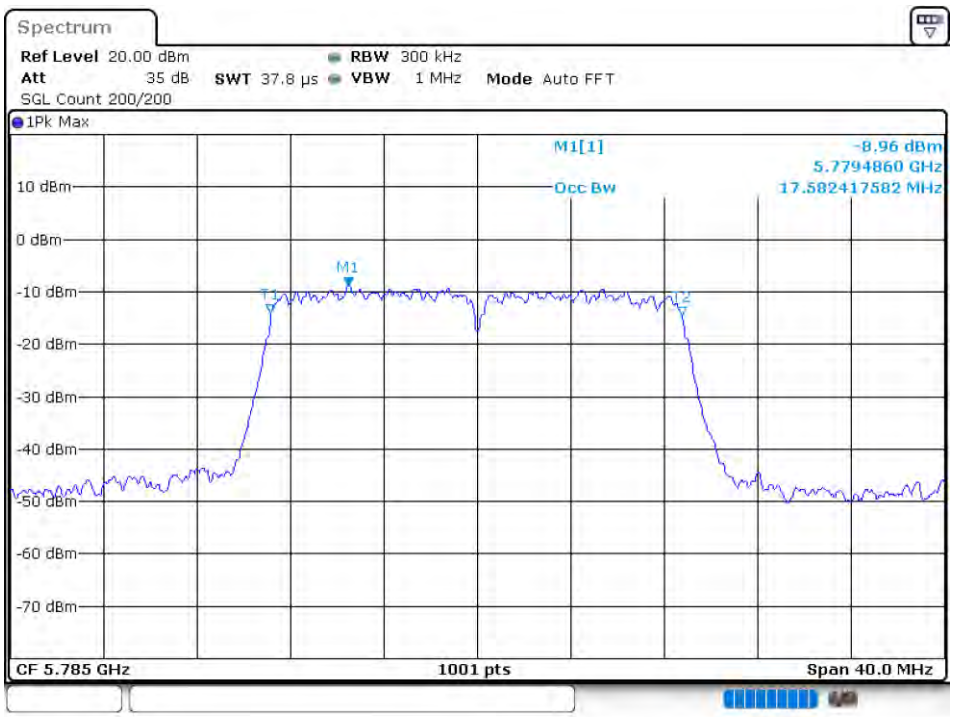
OBW NVNT 802.11n(HT20) 5745MHz Ant 1



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



OBW NVNT 802.11n(HT20) 5785MHz Ant 1



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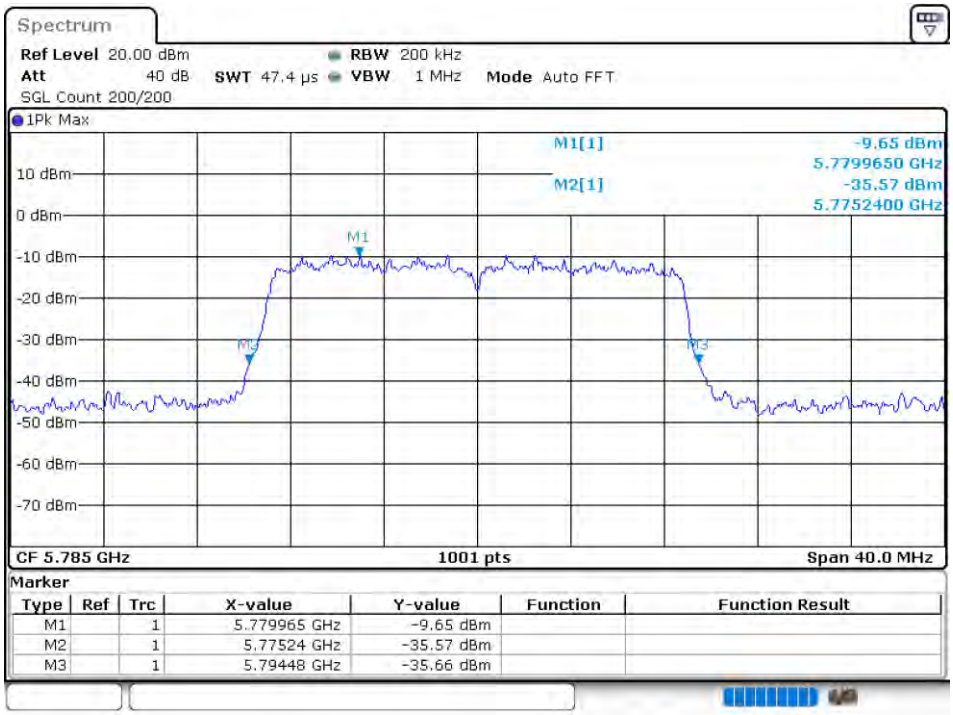
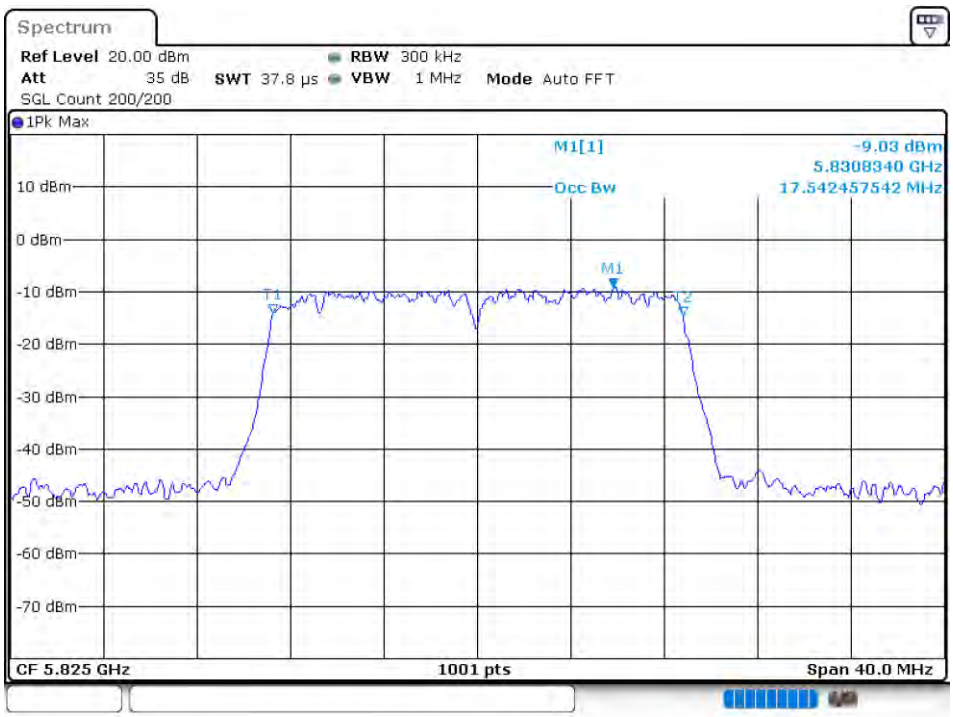
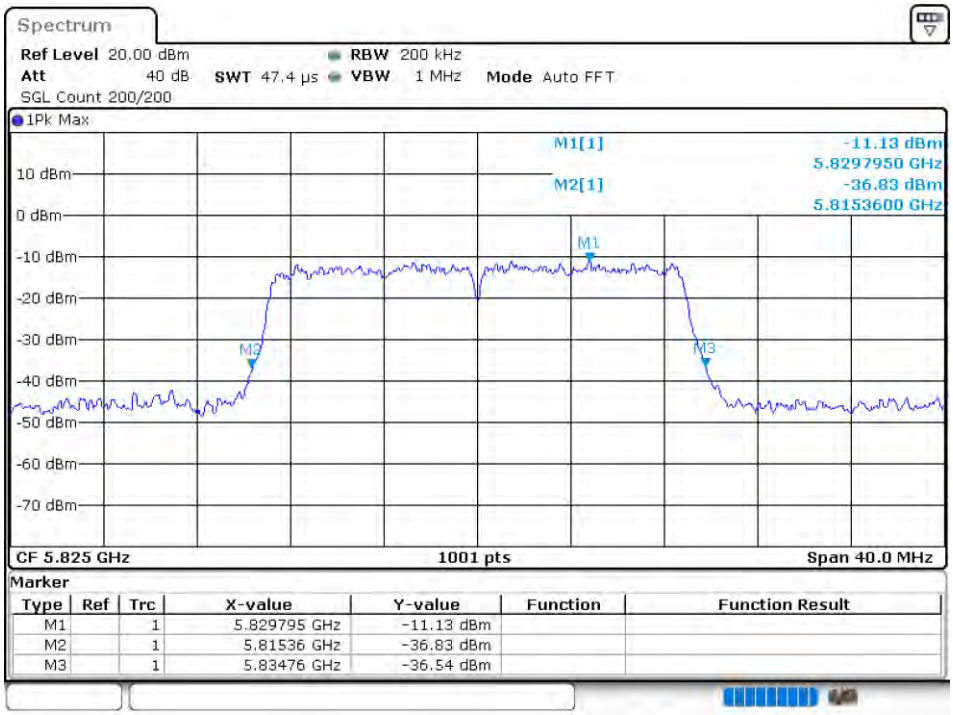


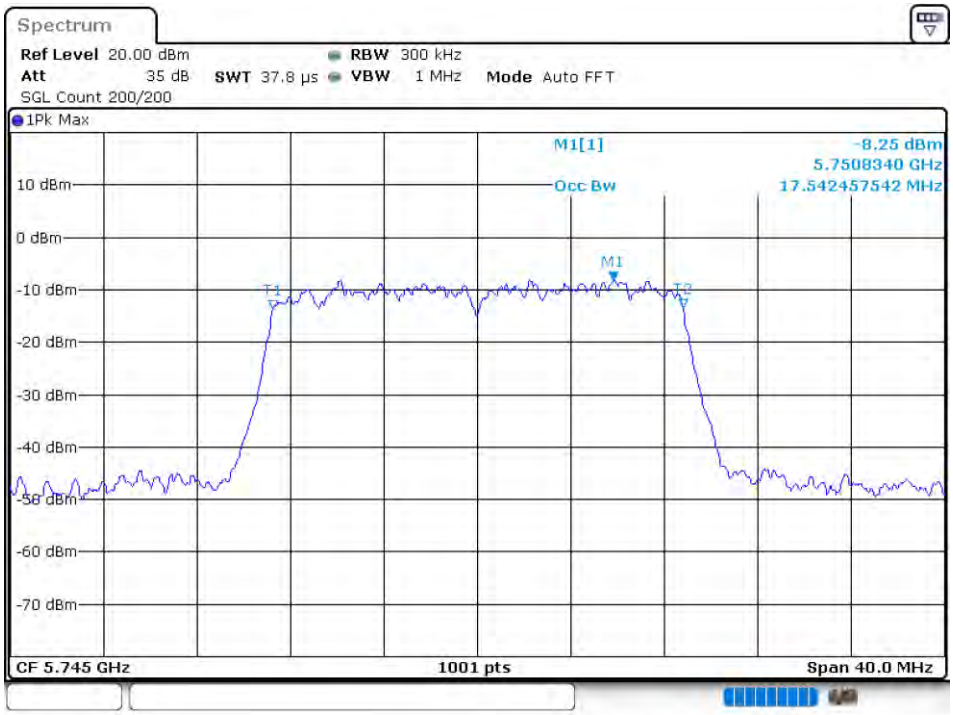
OBW NVNT 802.11n(HT20) 5825MHz Ant 1



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



OBW NVNT 802.11n(HT20) 5745MHz Ant 2



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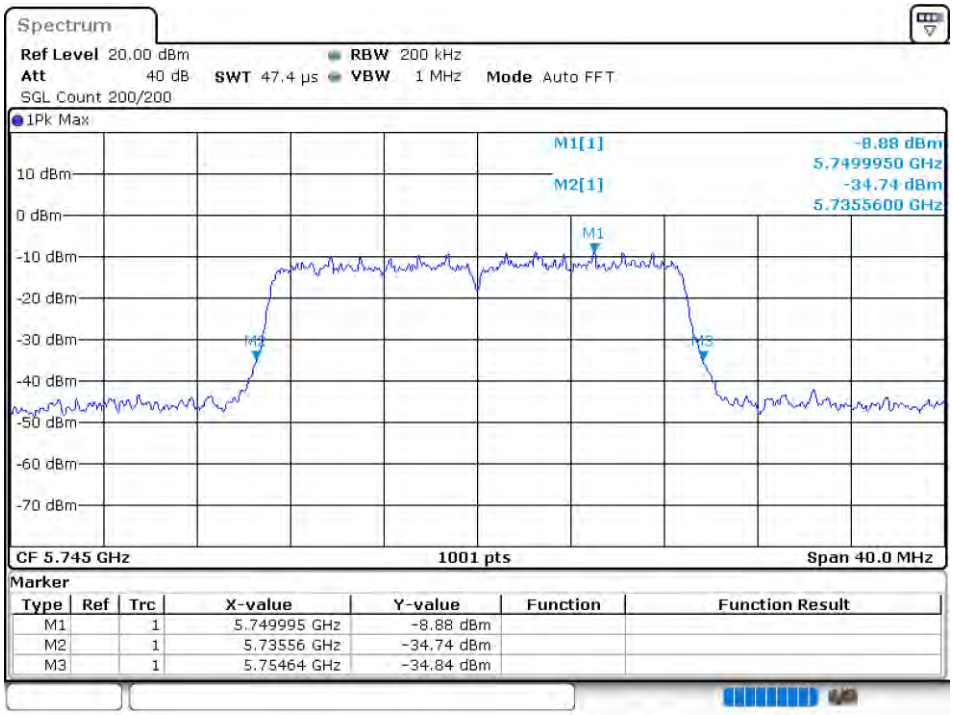
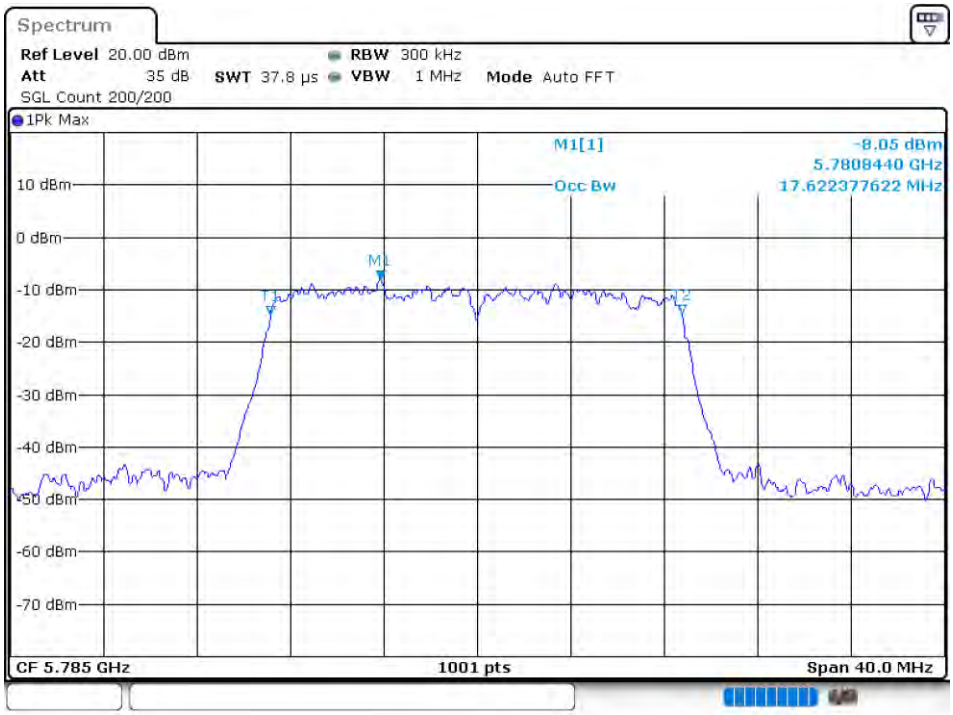
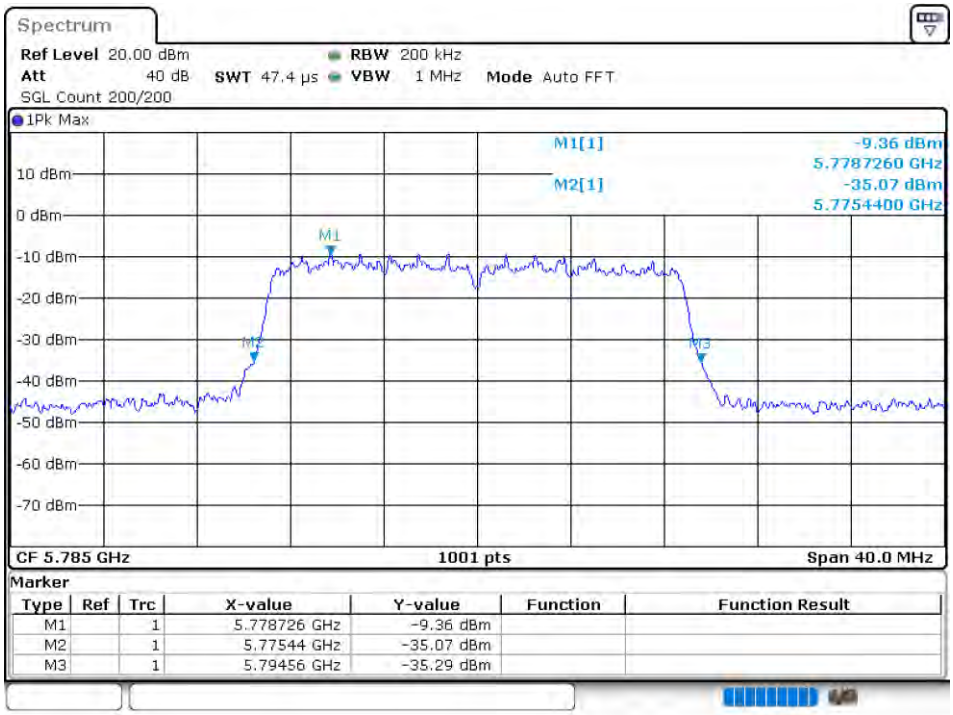


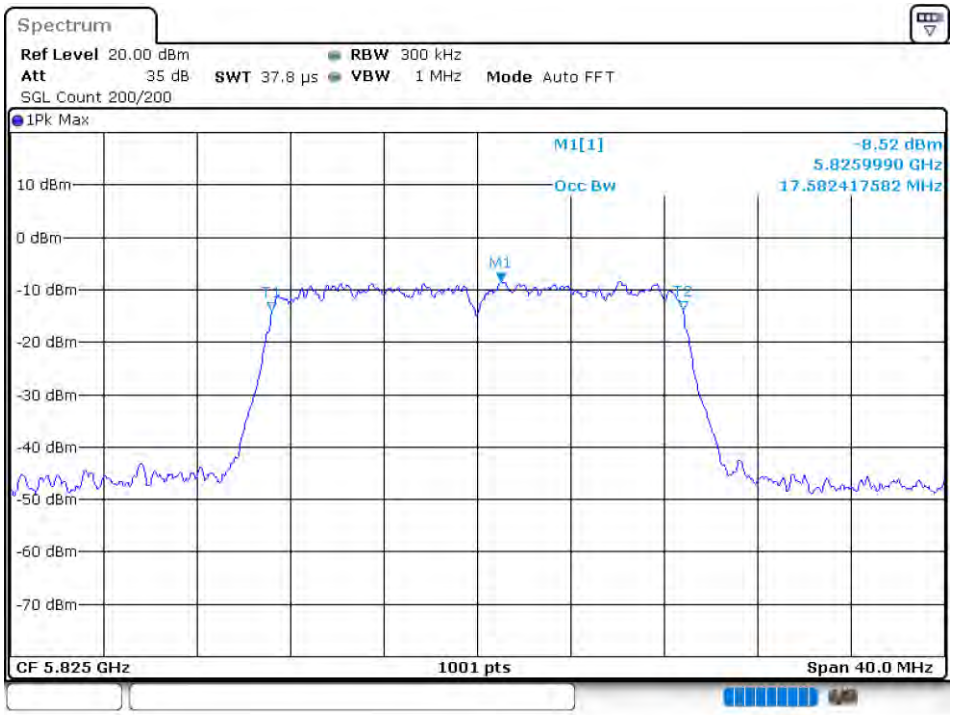
OBW NVNT 802.11n(HT20) 5785MHz Ant 2



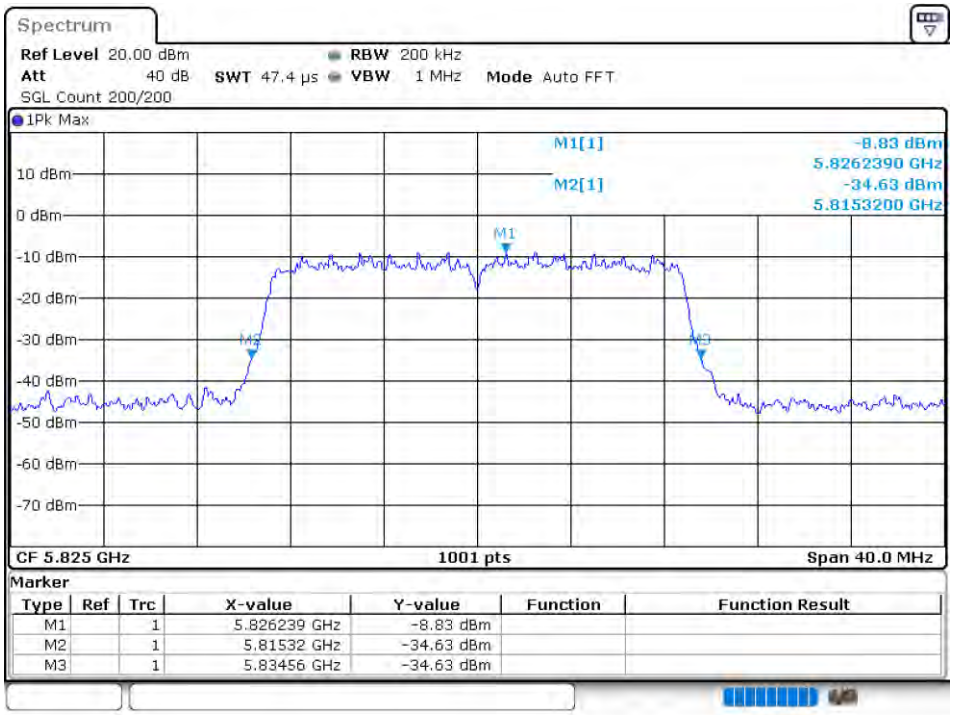
-26 dB BW NVNT 802.11n(HT20) 5785MHz Ant 2



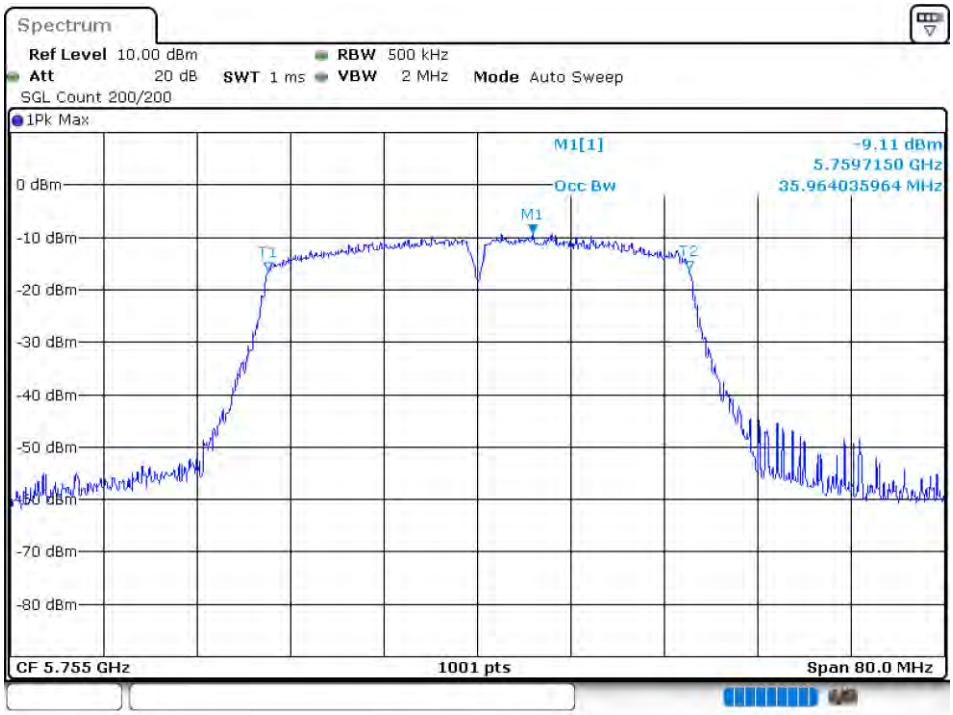
OBW NVNT 802.11n(HT20) 5825MHz Ant 2



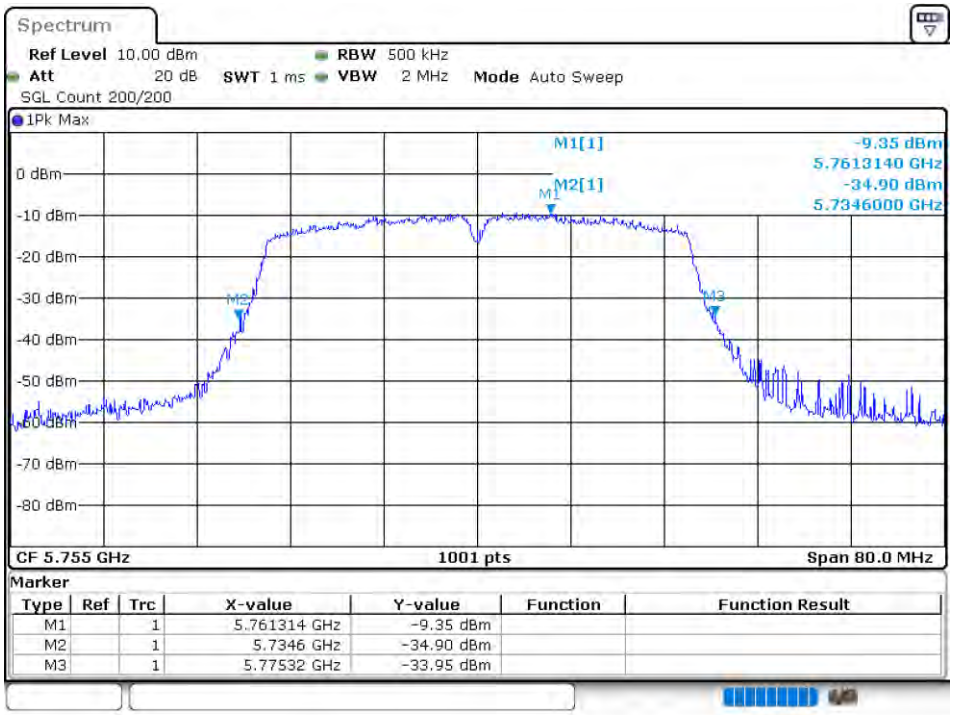
-26 dB BW NVNT 802.11n(HT20) 5825MHz Ant 2



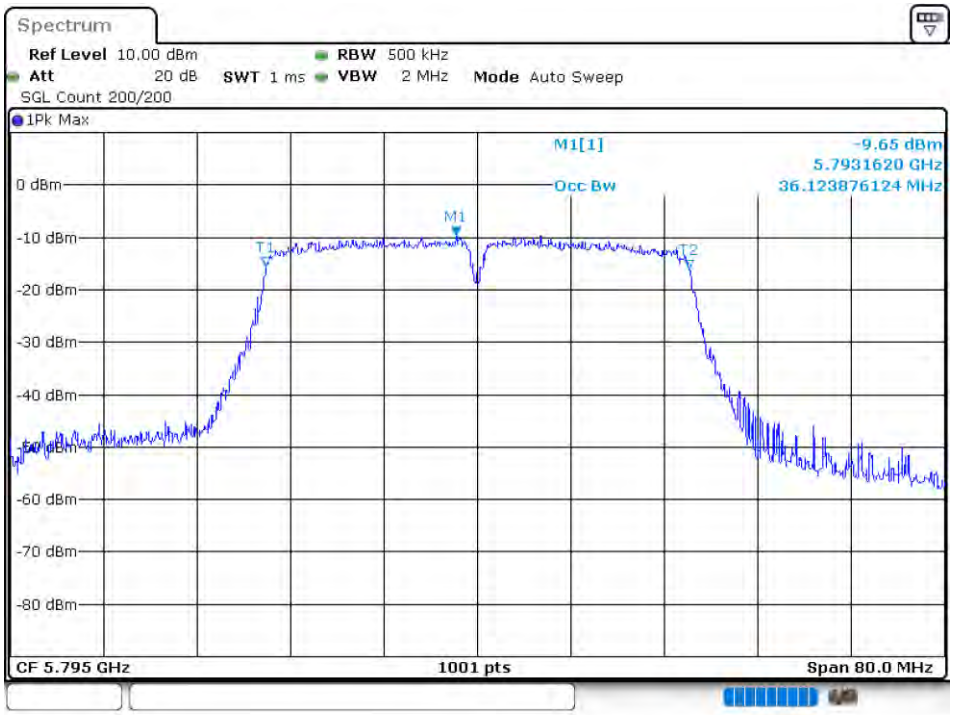
OBW NVNT 802.11n(HT40) 5755MHz Ant 1



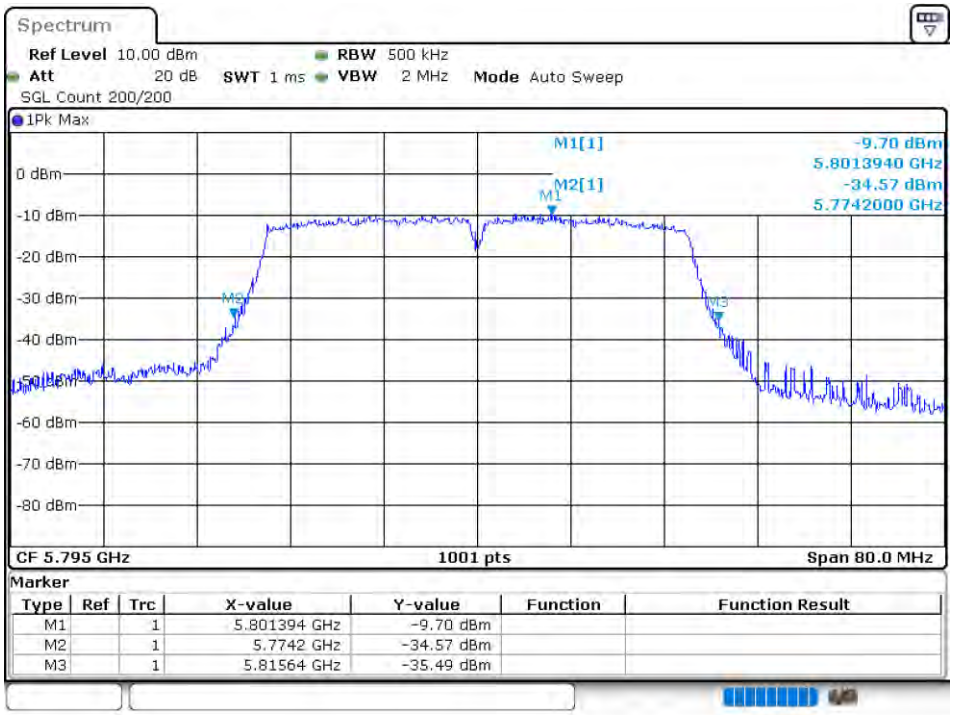
-26 dB BW NVNT 802.11n(HT40) 5755MHz Ant 1



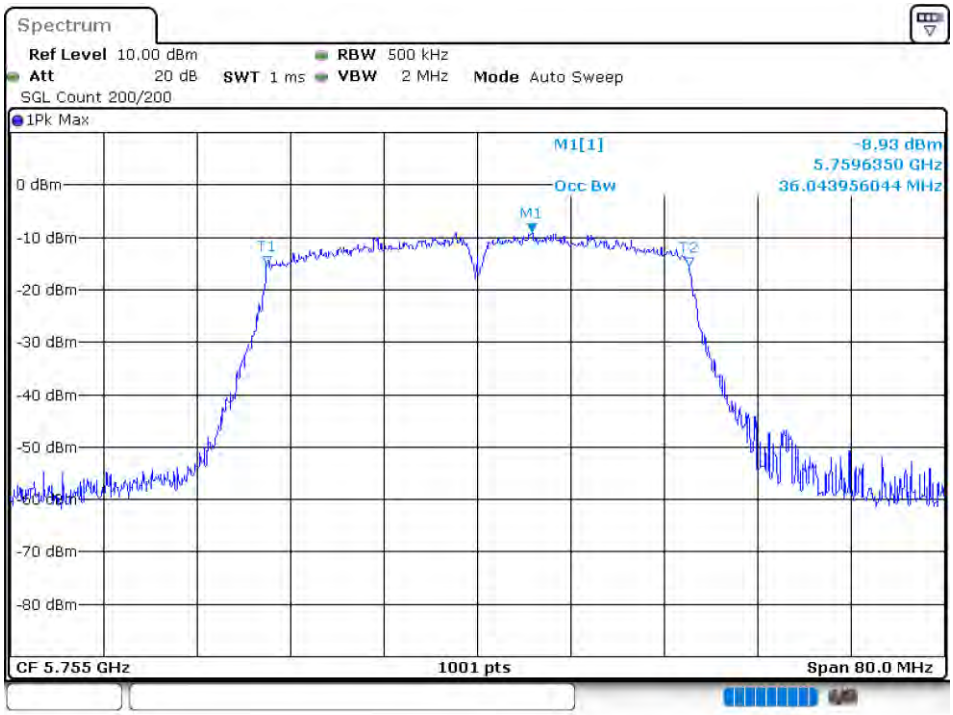
OBW NVNT 802.11n(HT40) 5795MHz Ant 1



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



OBW NVNT 802.11n(HT40) 5755MHz Ant 2



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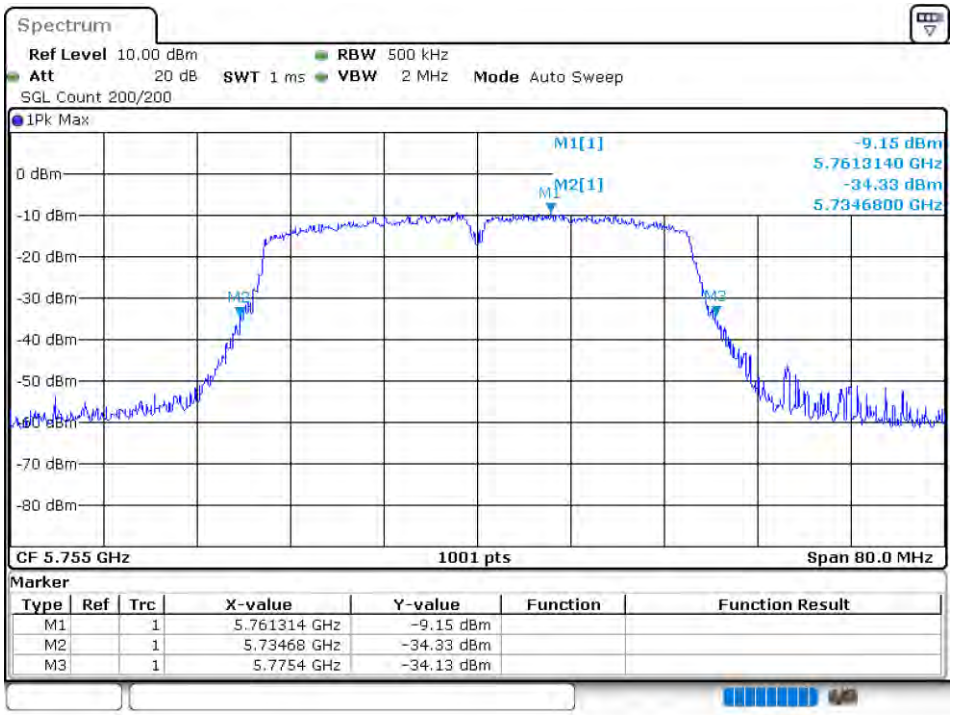
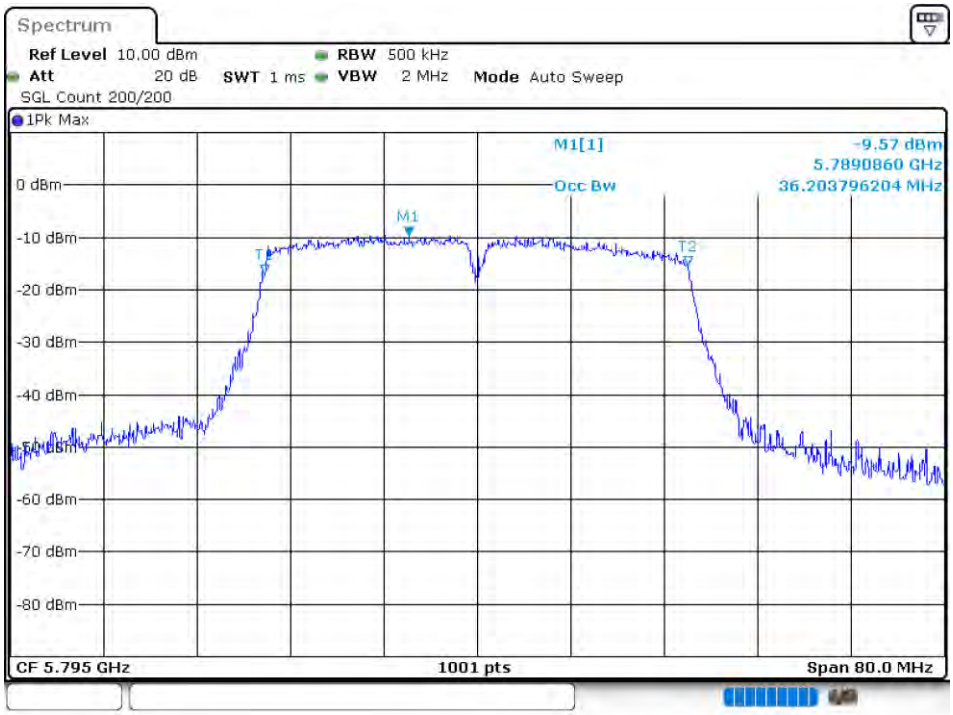
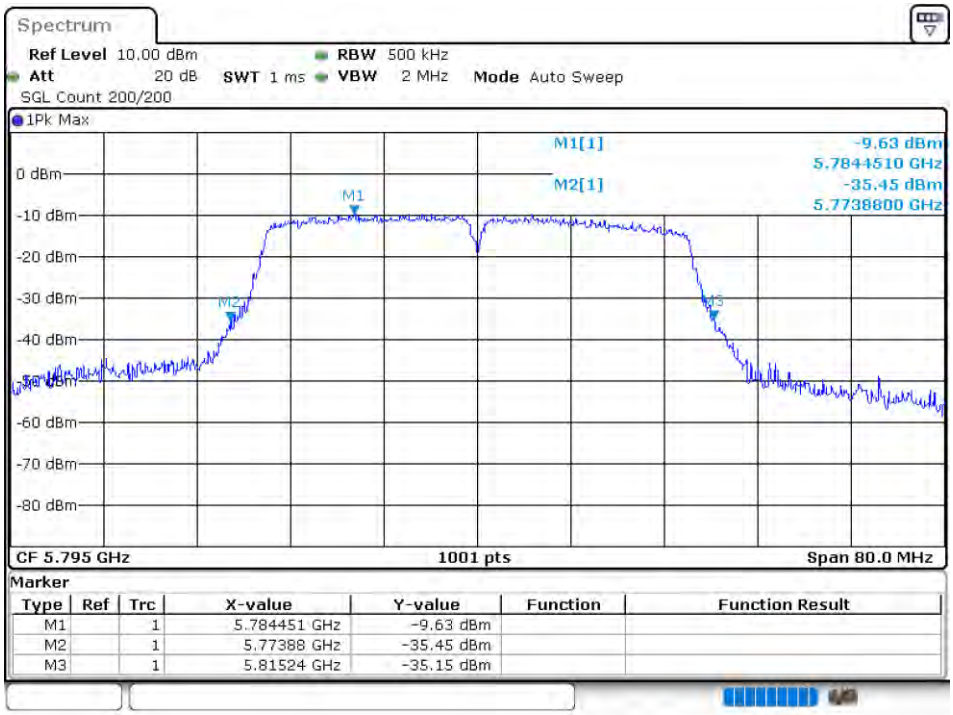


OBW NVNT 802.11n(HT40) 5795MHz Ant 2



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



Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant 1	3.466	29.67	Pass
NVNT	a	5785	Ant 1	2.513	29.67	Pass
NVNT	a	5825	Ant 1	2.652	29.67	Pass
NVNT	a	5745	Ant 2	3.559	30	Pass
NVNT	a	5785	Ant 2	3.195	30	Pass
NVNT	a	5825	Ant 2	3.024	30	Pass
NVNT	ac20	5745	Ant 1	2.955	29.67	Pass
NVNT	ac20	5745	Ant 2	3.093	30	Pass
NVNT	ac20	5785	Ant 1	2.84	29.67	Pass
NVNT	ac20	5785	Ant 2	2.334	30	Pass
NVNT	ac20	5825	Ant 1	2.432	29.67	Pass
NVNT	ac20	5825	Ant 2	3.079	30	Pass
NVNT	ac40	5755	Ant 1	0.059	29.67	Pass
NVNT	ac40	5755	Ant 2	-0.325	30	Pass
NVNT	ac40	5795	Ant 1	-0.835	29.67	Pass
NVNT	ac40	5795	Ant 2	0.297	30	Pass
NVNT	ac80	5775	Ant 1	-2.758	29.67	Pass
NVNT	ac80	5775	Ant 2	-3.02	30	Pass
NVNT	n20	5745	Ant 1	2.89	29.67	Pass
NVNT	n20	5745	Ant 2	3.636	30	Pass
NVNT	n20	5785	Ant 1	2.294	29.67	Pass
NVNT	n20	5785	Ant 2	2.838	30	Pass
NVNT	n20	5825	Ant 1	2.499	29.67	Pass
NVNT	n20	5825	Ant 2	3.431	30	Pass
NVNT	n40	5755	Ant 1	0.092	29.67	Pass
NVNT	n40	5755	Ant 2	-0.016	30	Pass
NVNT	n40	5795	Ant 1	-0.298	29.67	Pass
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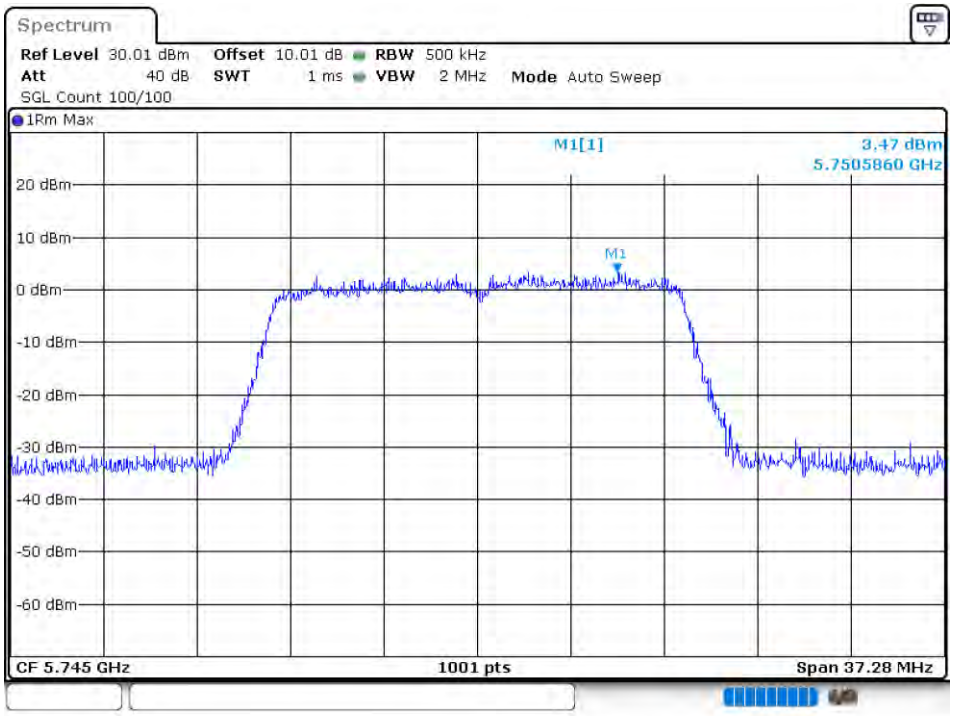
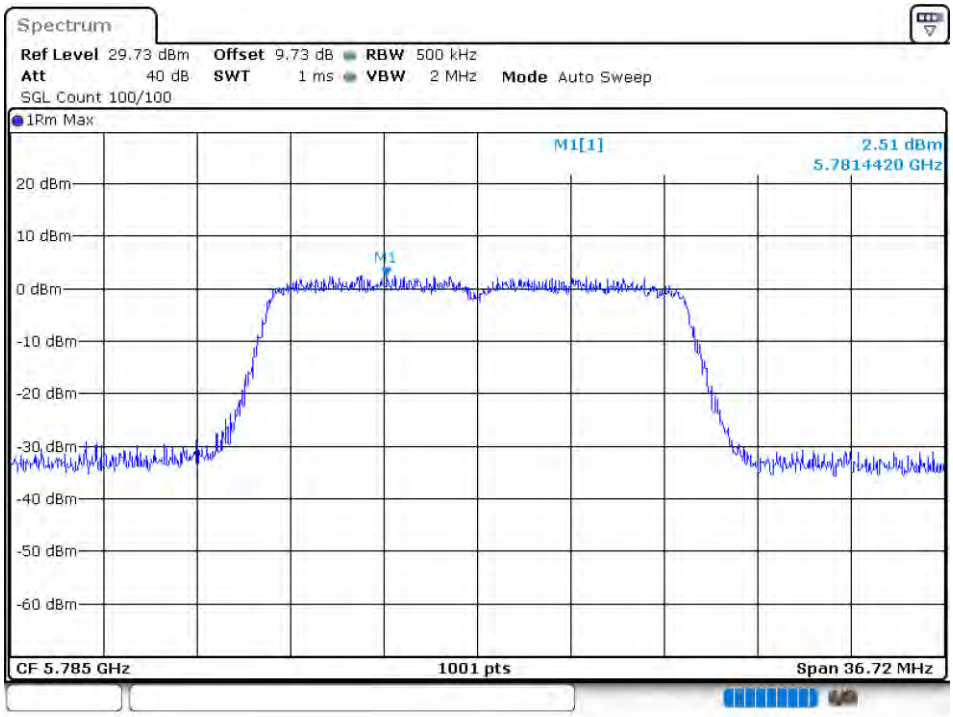
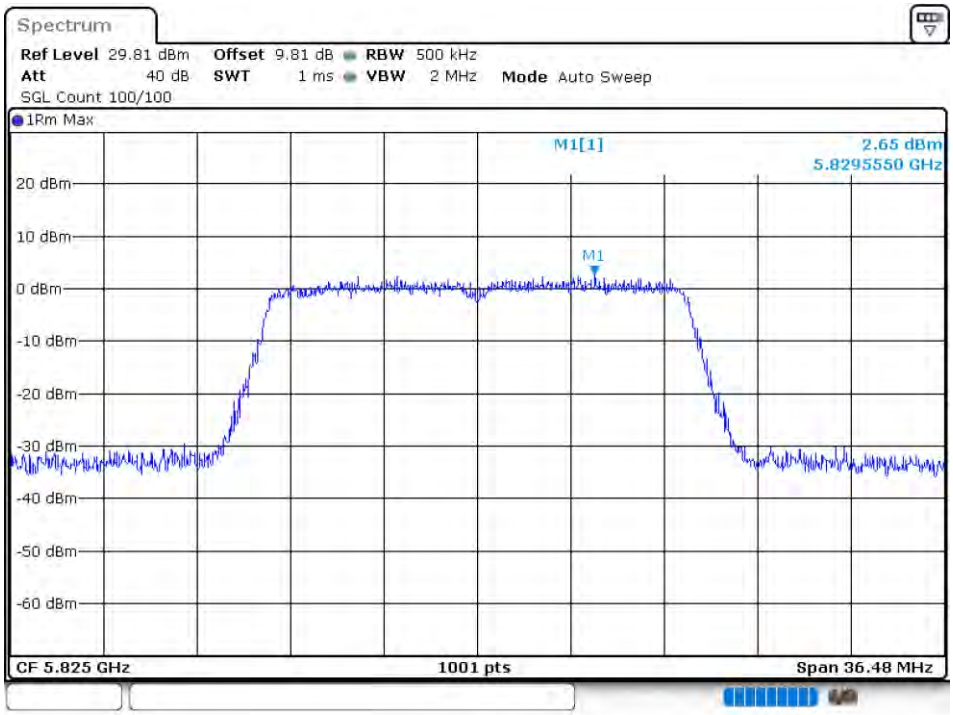
PSD NVNT 802.11a 5745MHz Ant 1



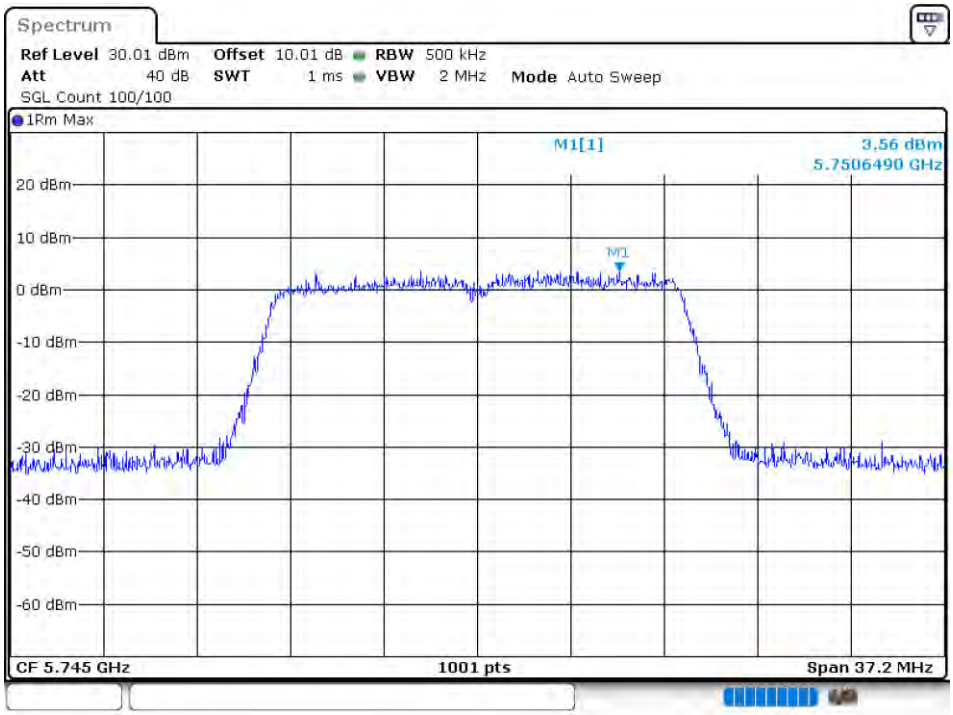
PSD NVNT 802.11a 5785MHz Ant 1



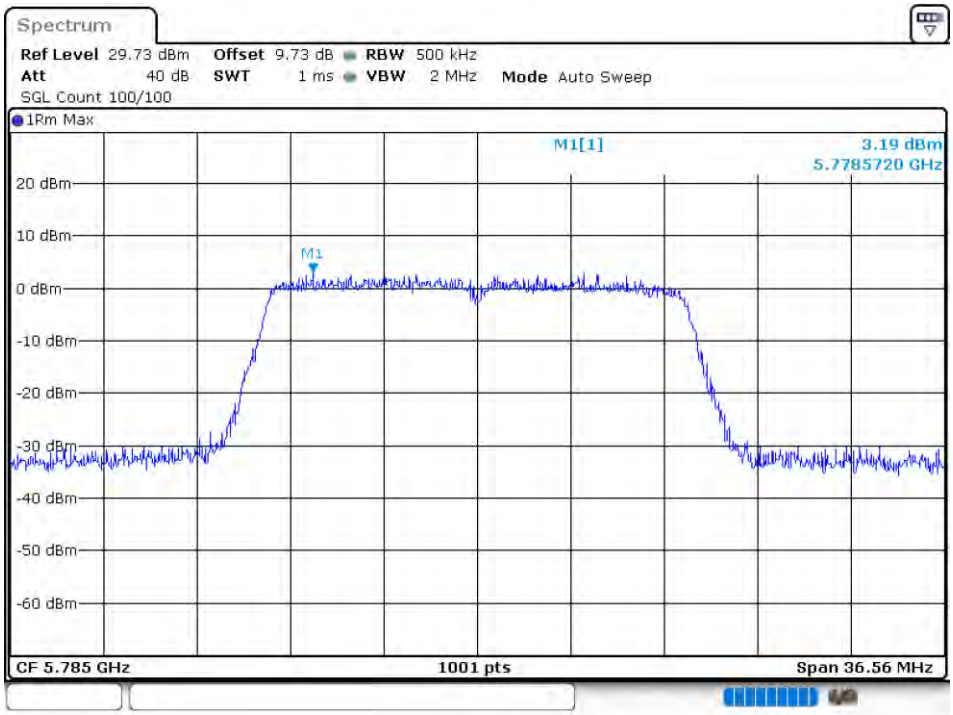
PSD NVNT 802.11a 5825MHz Ant 1



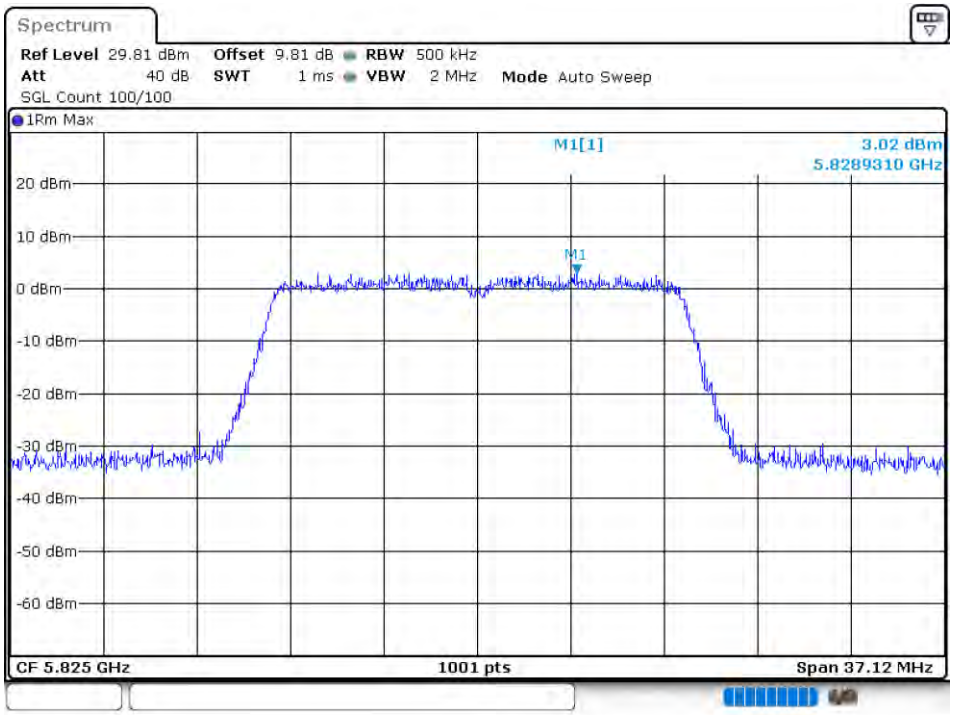
PSD NVNT 802.11a 5745MHz Ant 2



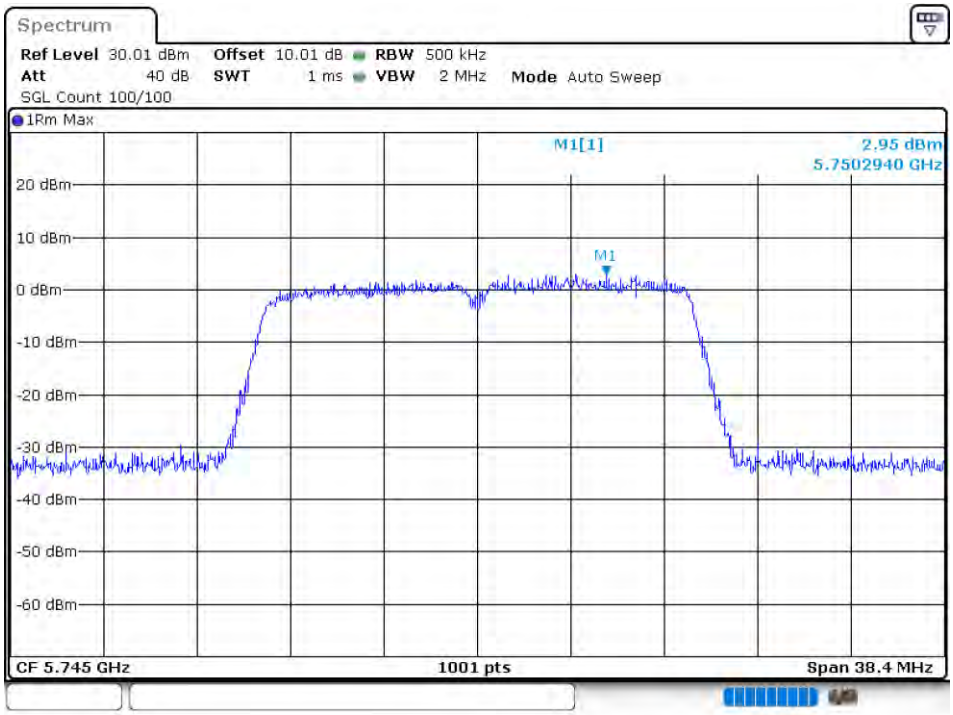
PSD NVNT 802.11a 5785MHz Ant 2



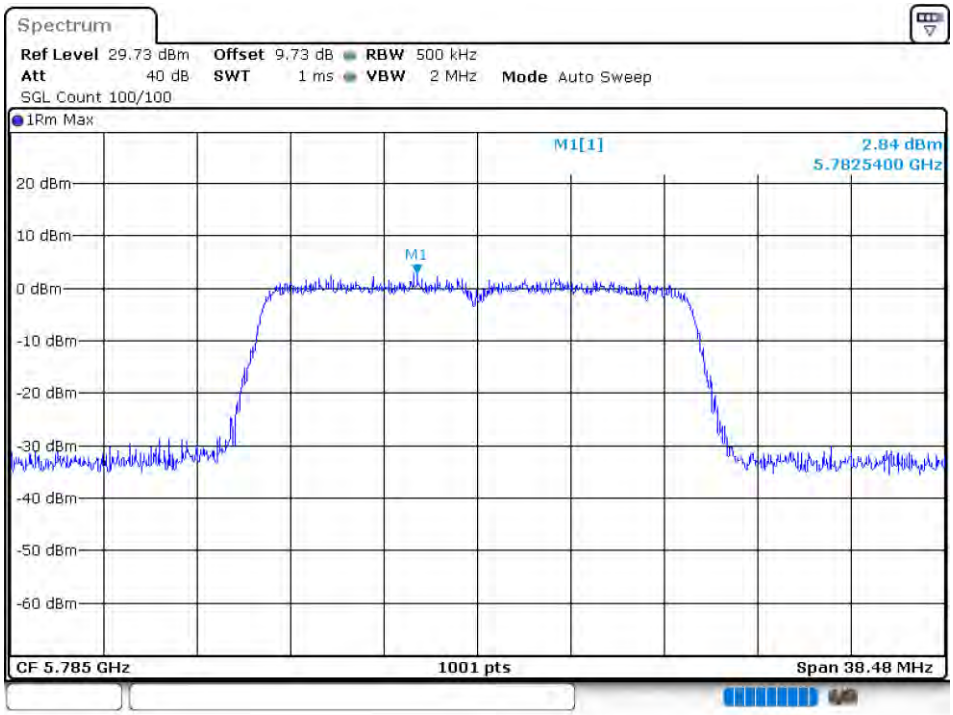
PSD NVNT 802.11a 5825MHz Ant 2



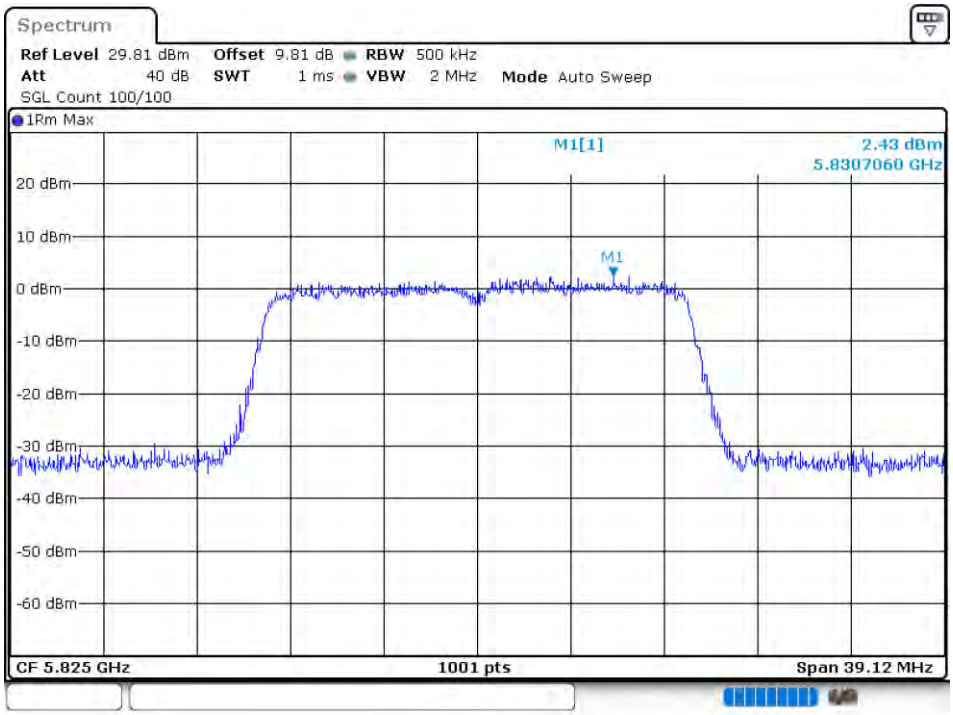
PSD NVNT 802.11ac20 5745MHz Ant 1



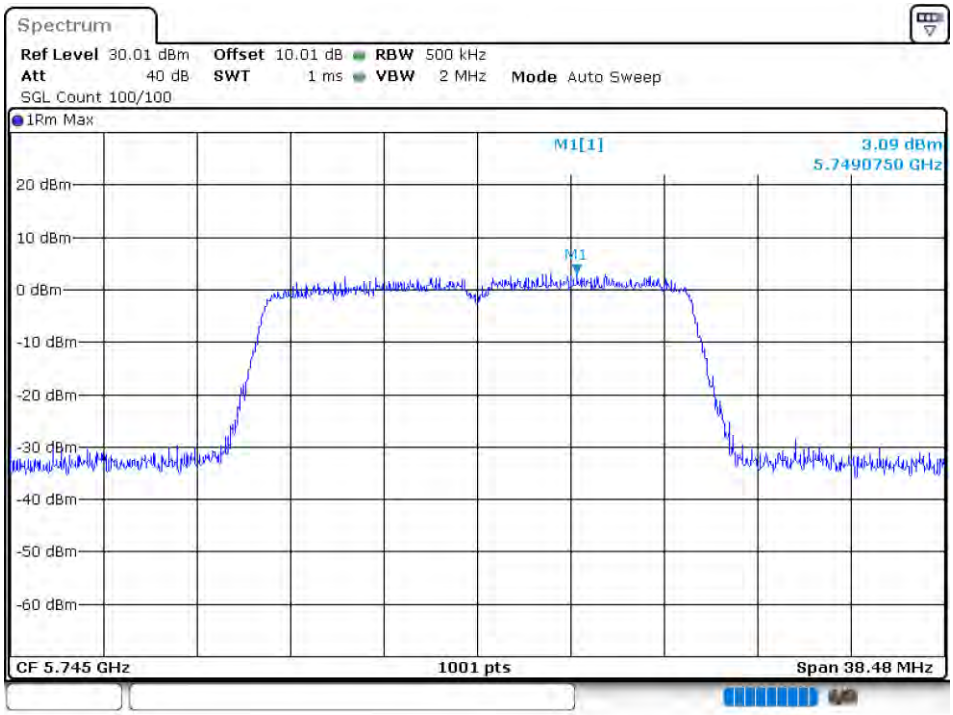
PSD NVNT 802.11ac20 5785MHz Ant 1



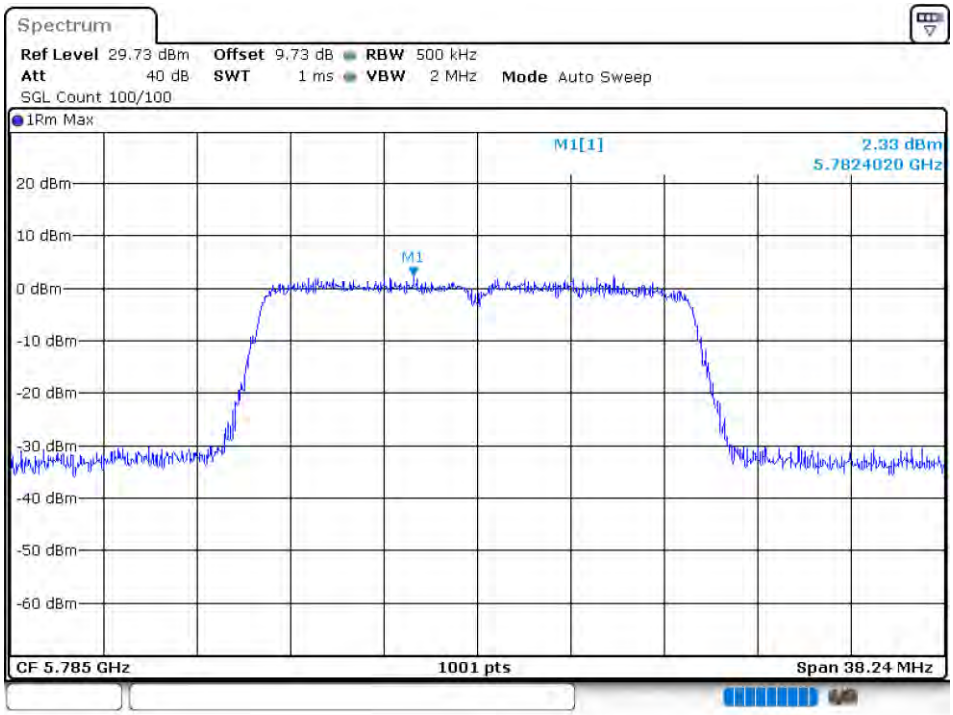
PSD NVNT 802.11ac20 5825MHz Ant 1



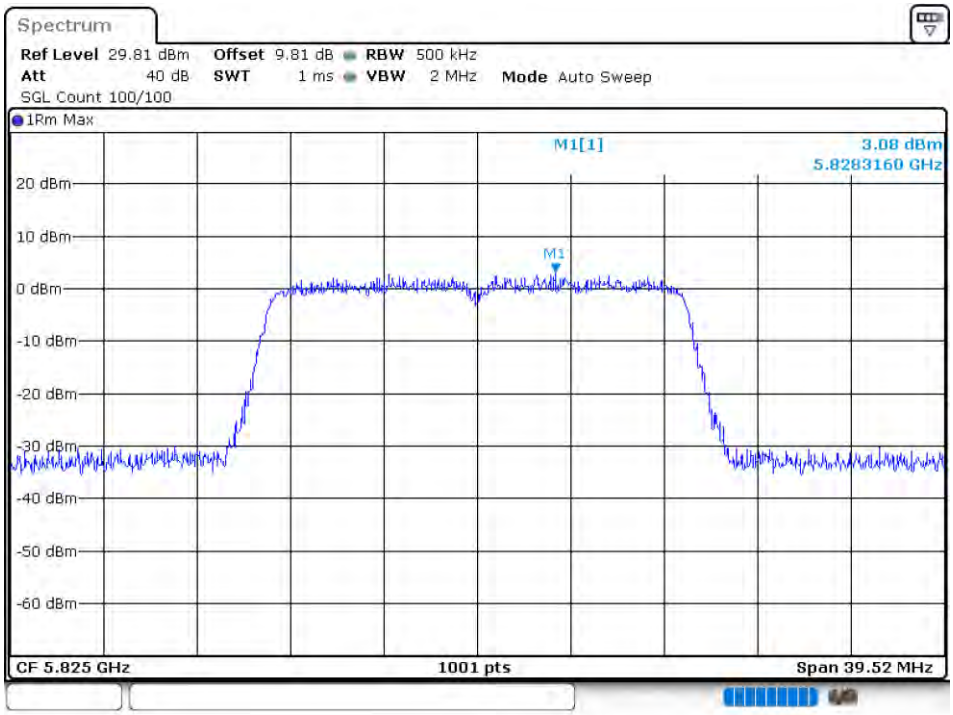
PSD NVNT 802.11ac20 5745MHz Ant 2



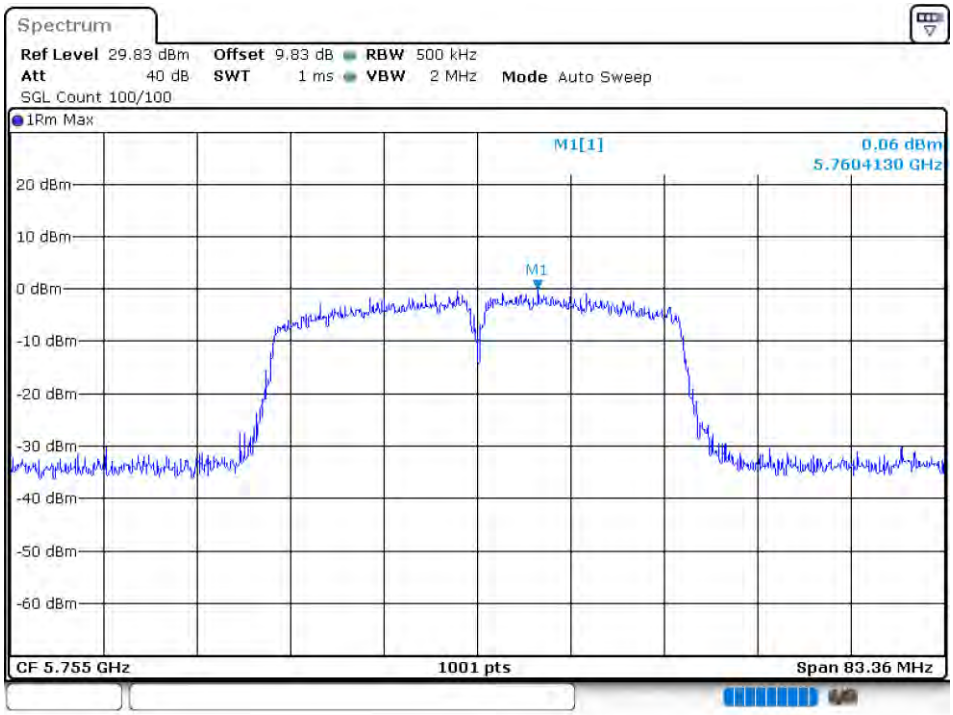
PSD NVNT 802.11ac20 5785MHz Ant 2



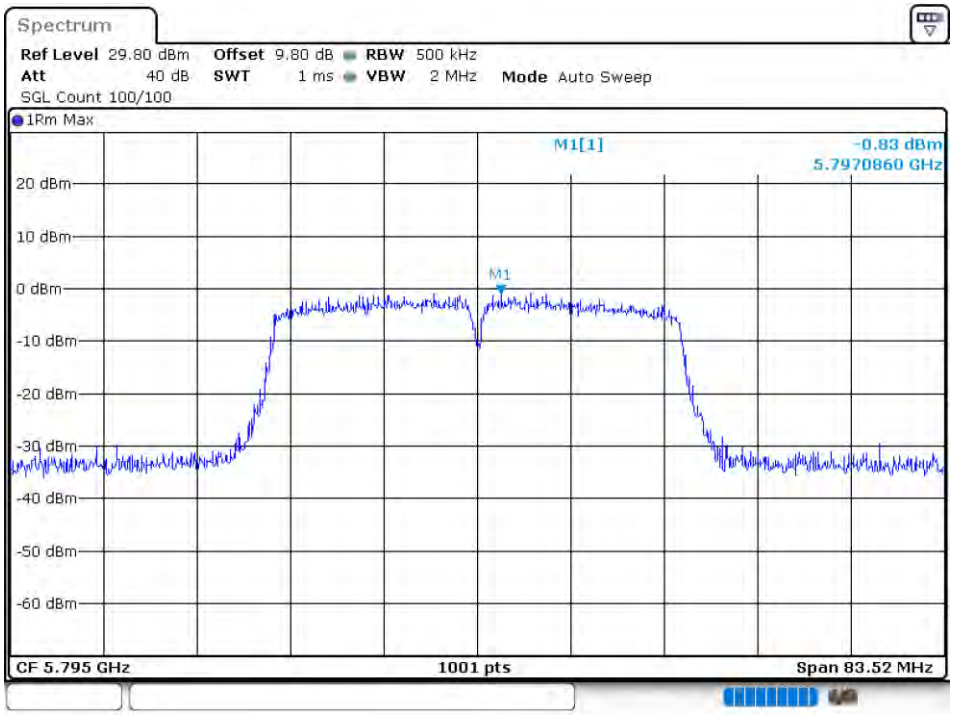
PSD NVNT 802.11ac20 5825MHz Ant 2



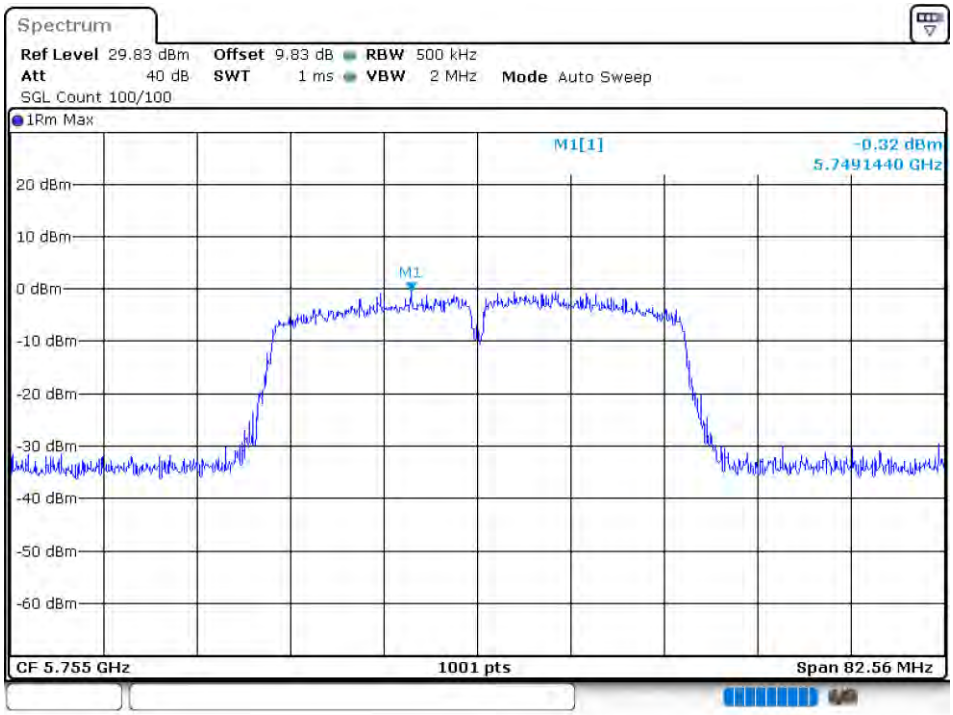
PSD NVNT 802.11ac40 5755MHz Ant 1



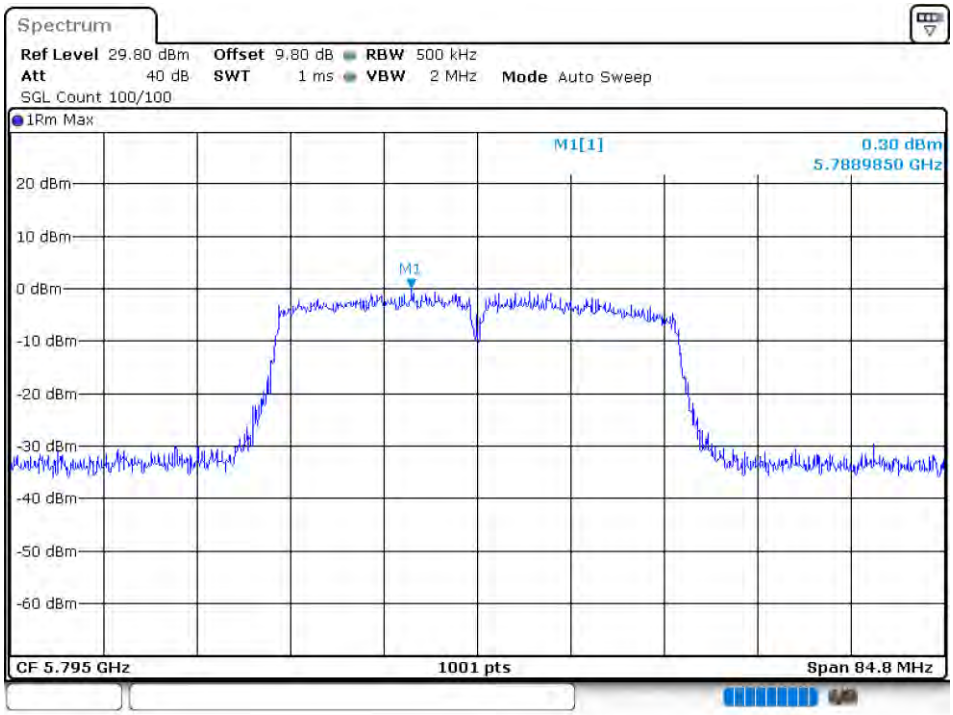
PSD NVNT 802.11ac40 5795MHz Ant 1



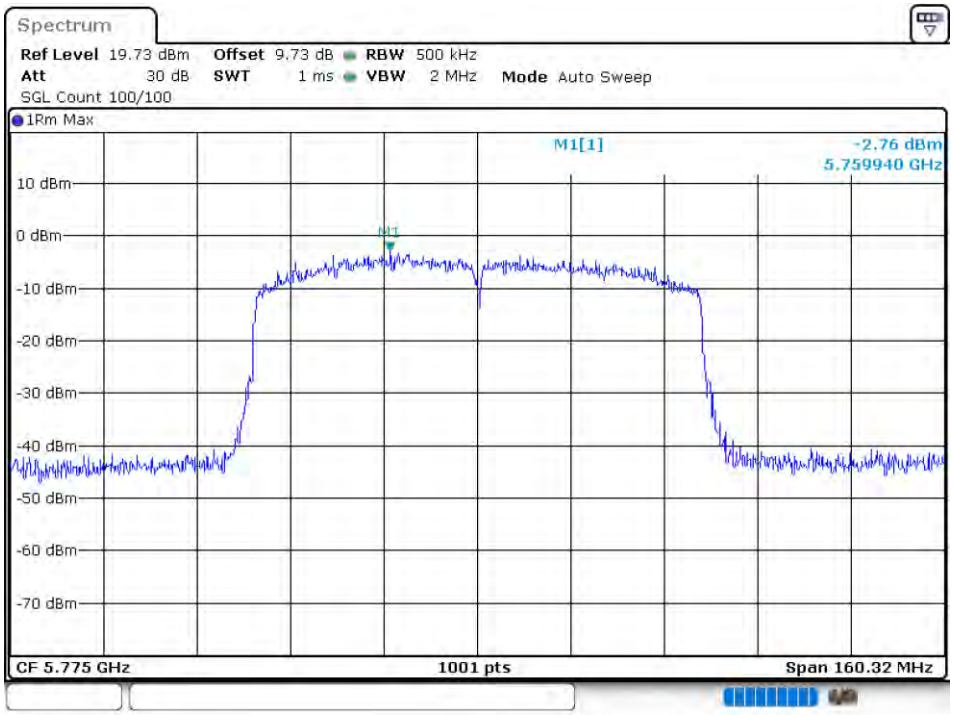
PSD NVNT 802.11ac40 5755MHz Ant 2



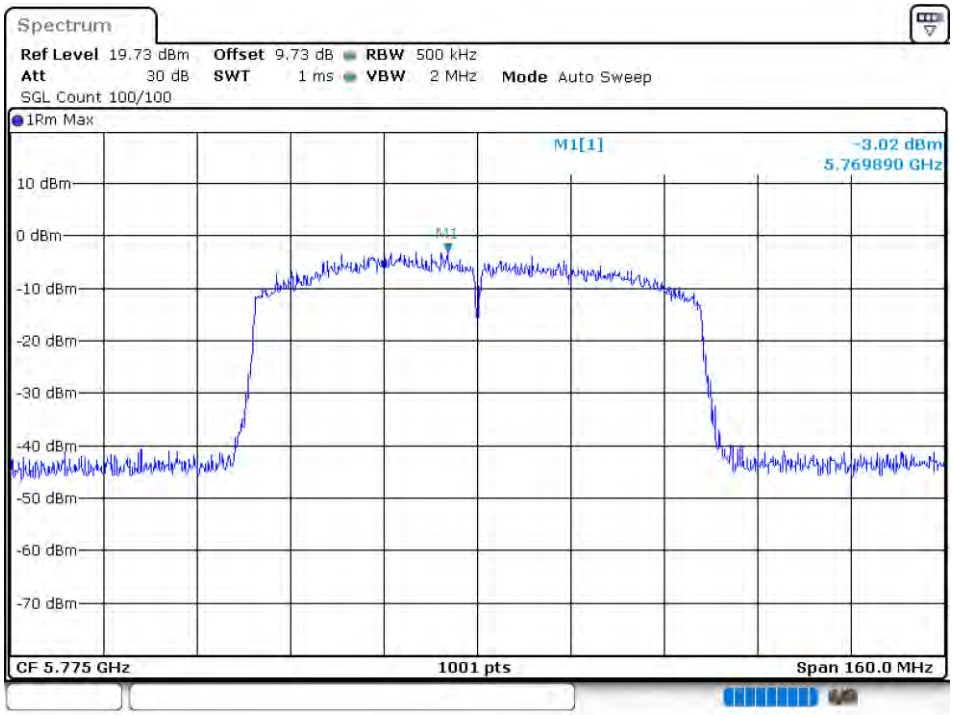
PSD NVNT 802.11ac40 5795MHz Ant 2



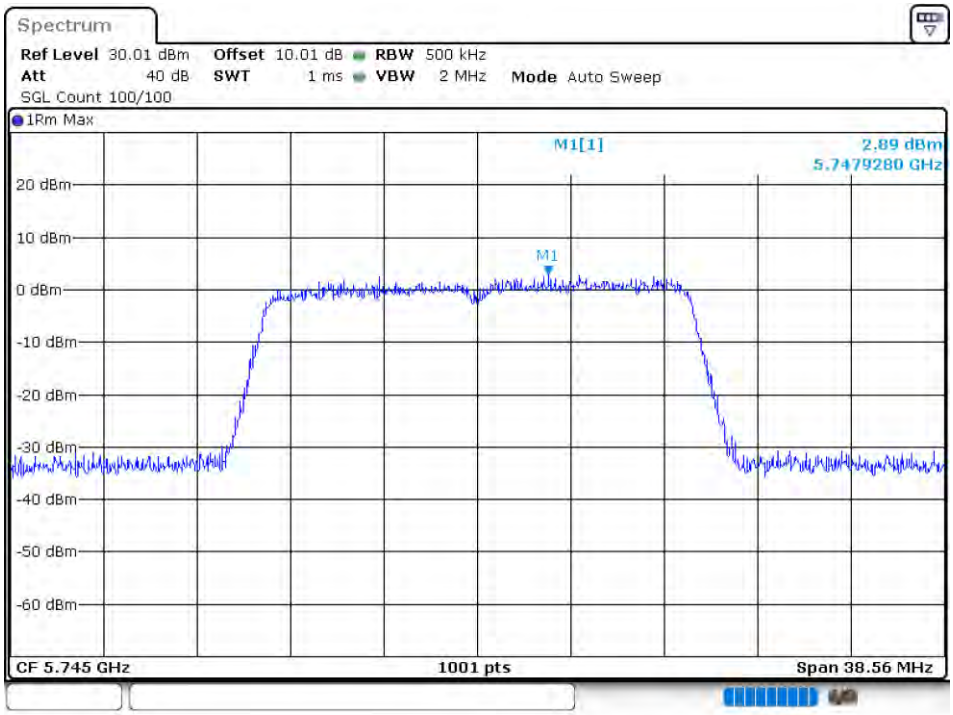
PSD NVNT 802.11ac80 5775MHz Ant 1



PSD NVNT 802.11ac80 5775MHz Ant 2



PSD NVNT 802.11n(HT20) 5745MHz Ant 1



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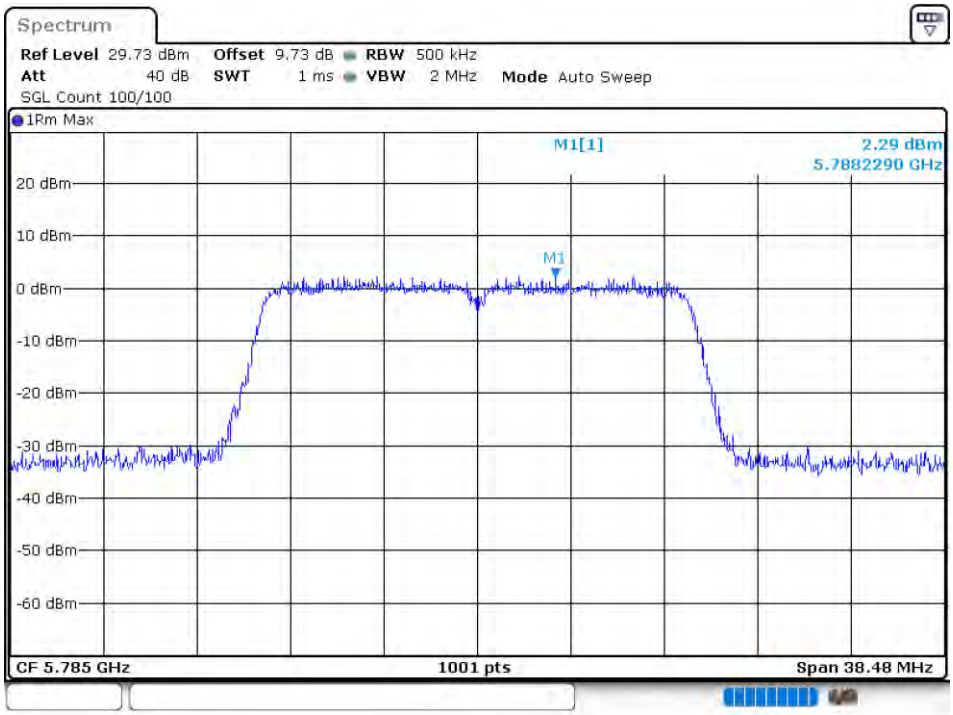
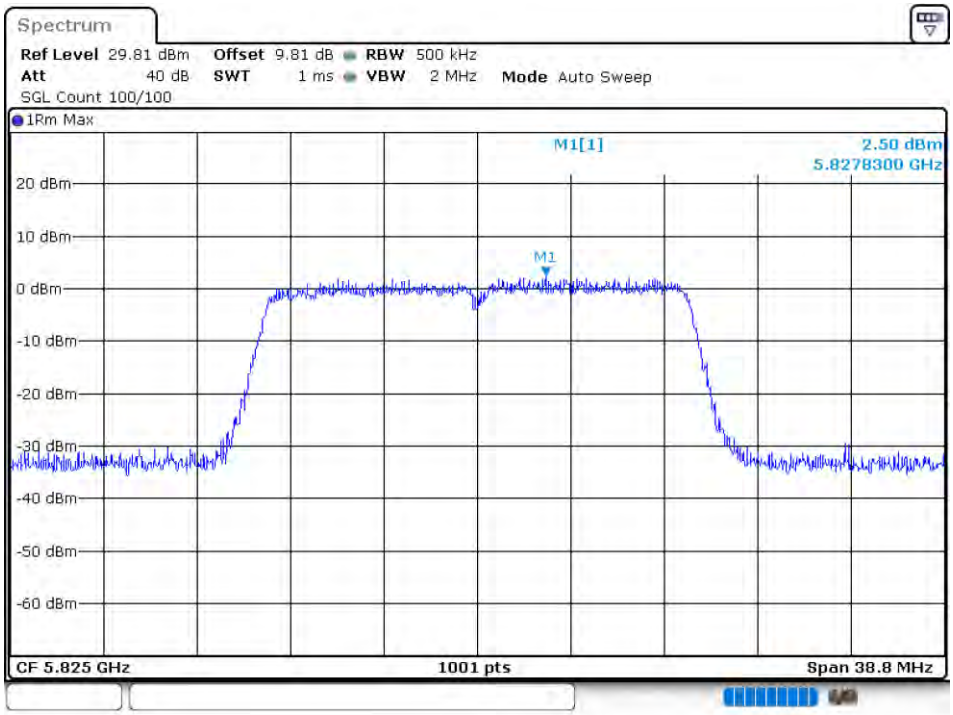
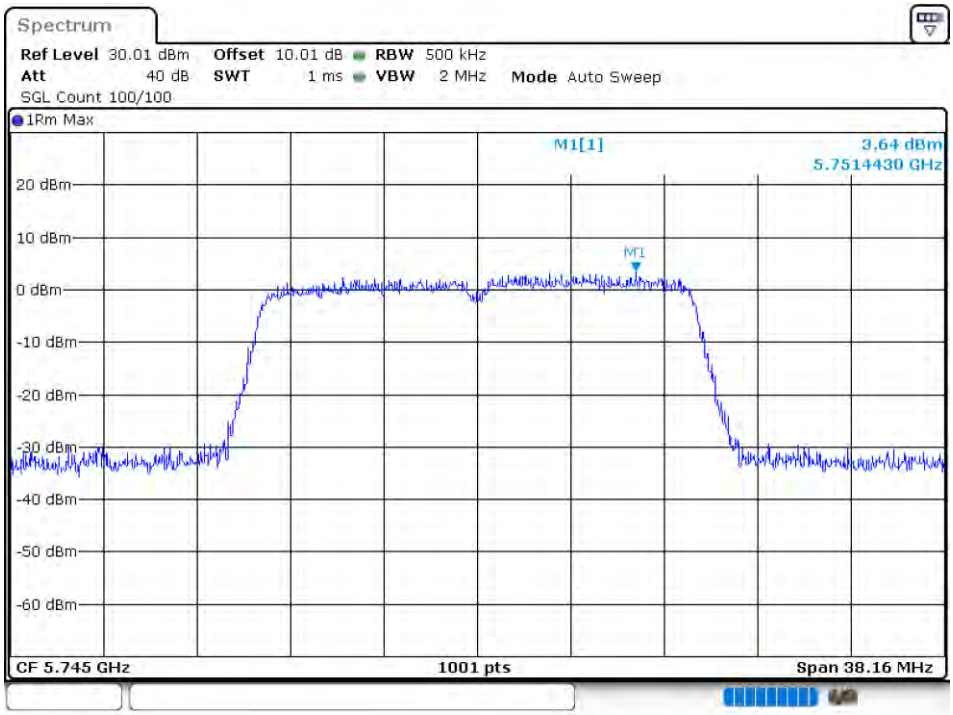


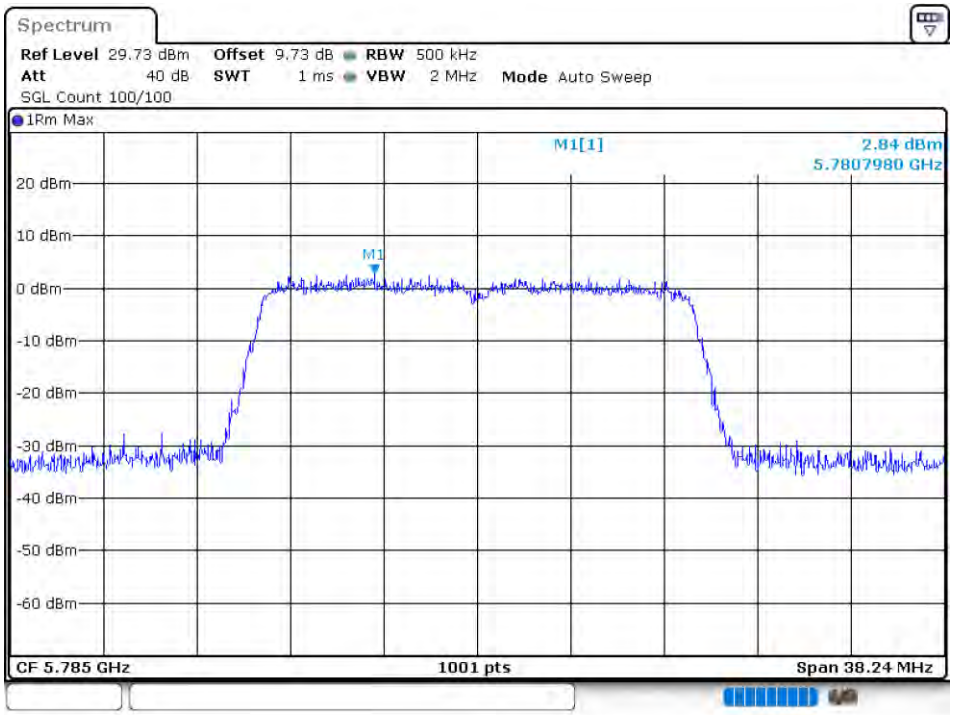
PSD NVNT 802.11n(HT20) 5825MHz Ant 1



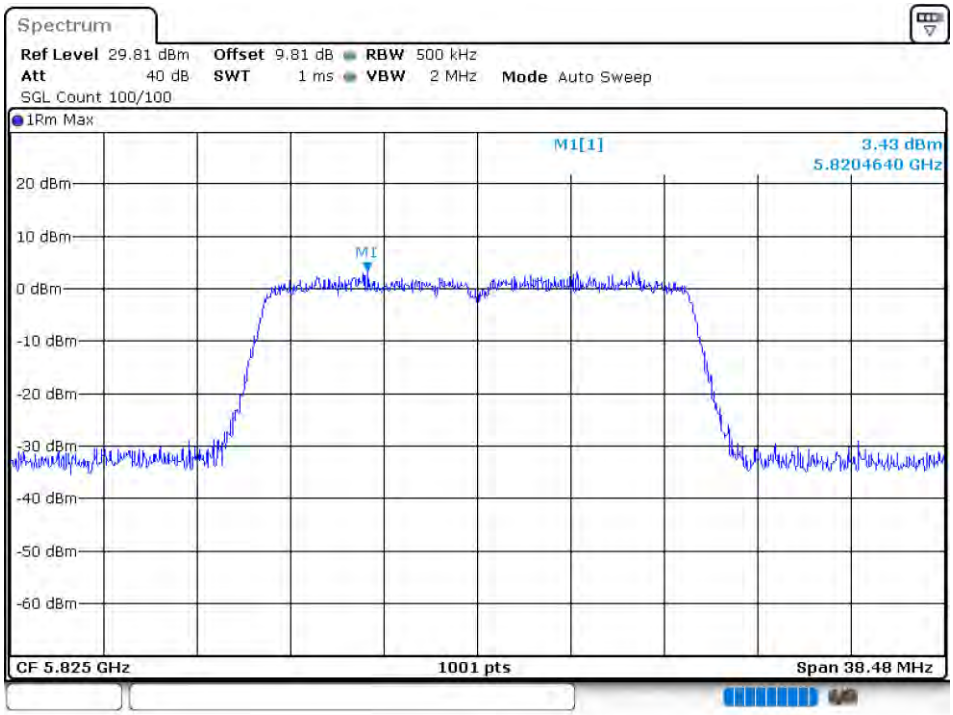
PSD NVNT 802.11n(HT20) 5745MHz Ant 2



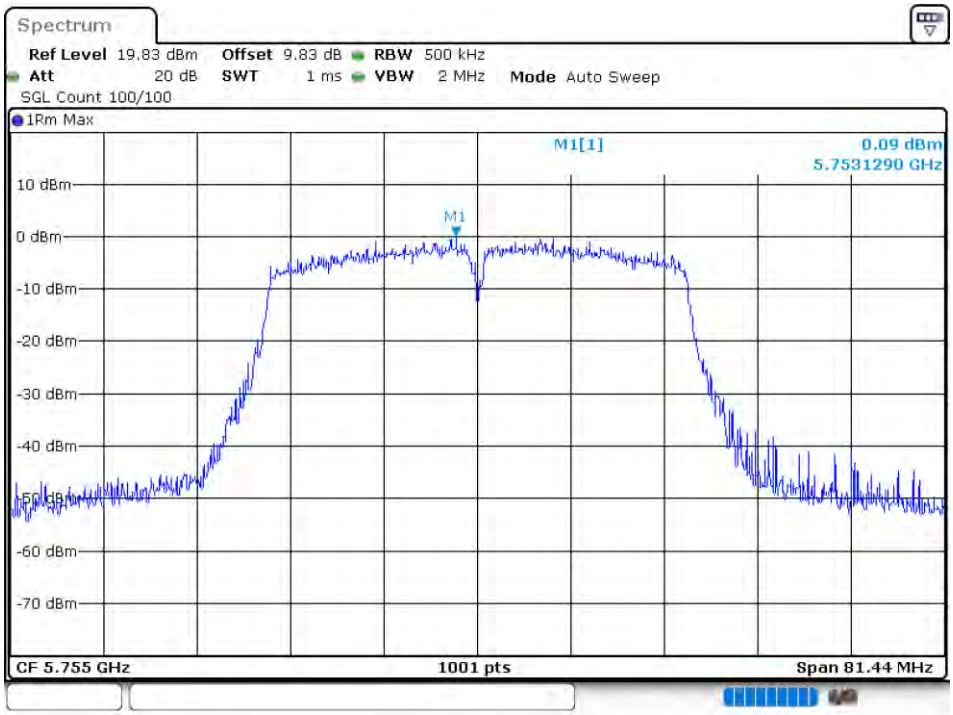
PSD NVNT 802.11n(HT20) 5785MHz Ant 2



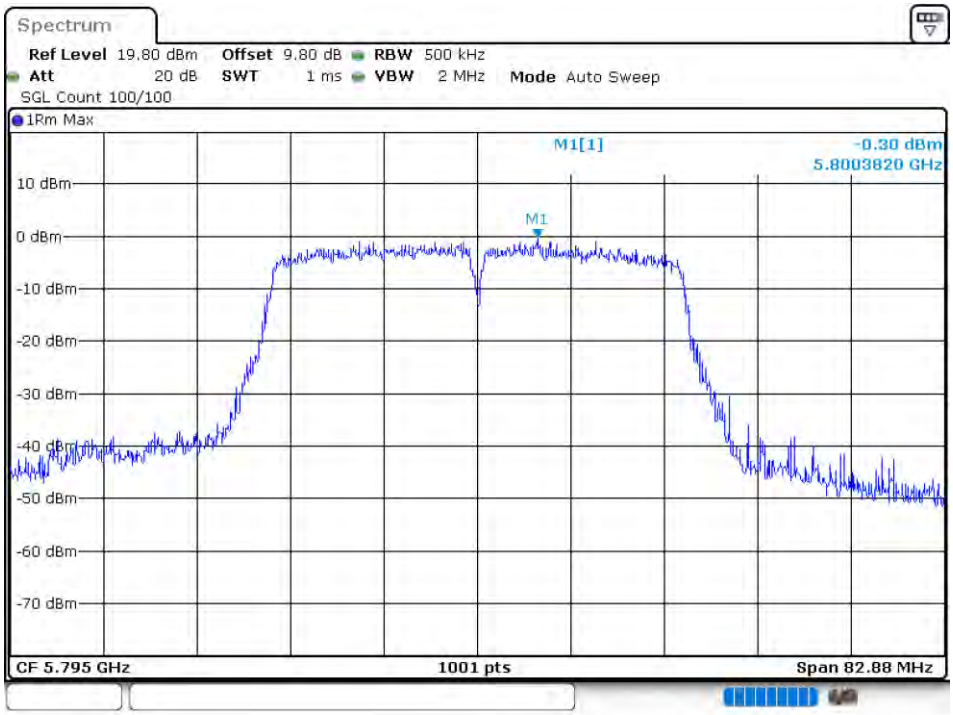
PSD NVNT 802.11n(HT20) 5825MHz Ant 2



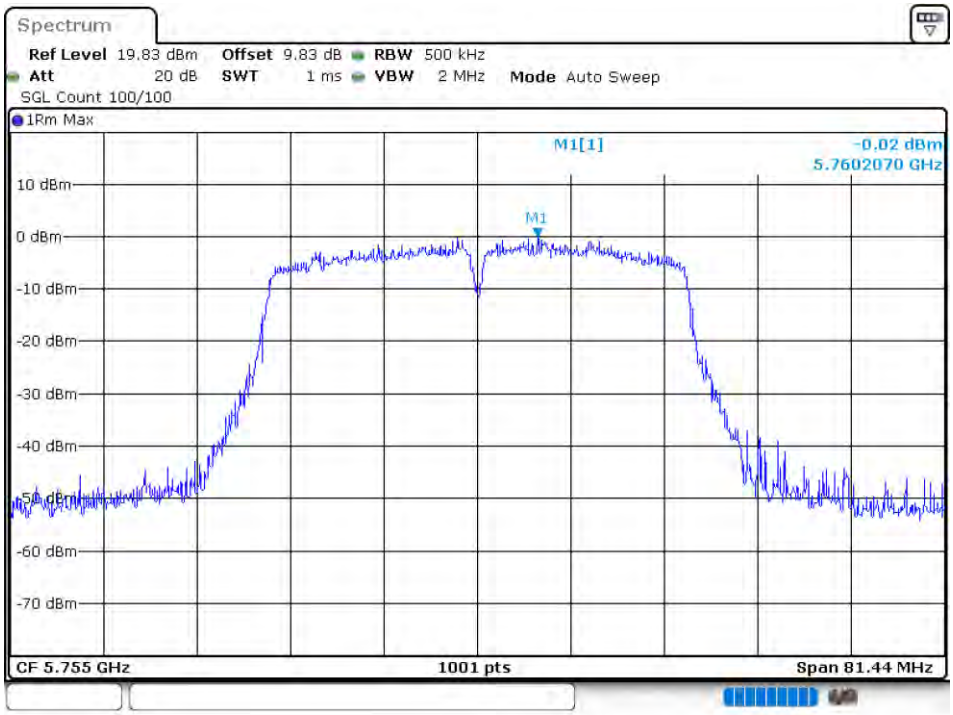
PSD NVNT 802.11n(HT40) 5755MHz Ant 1



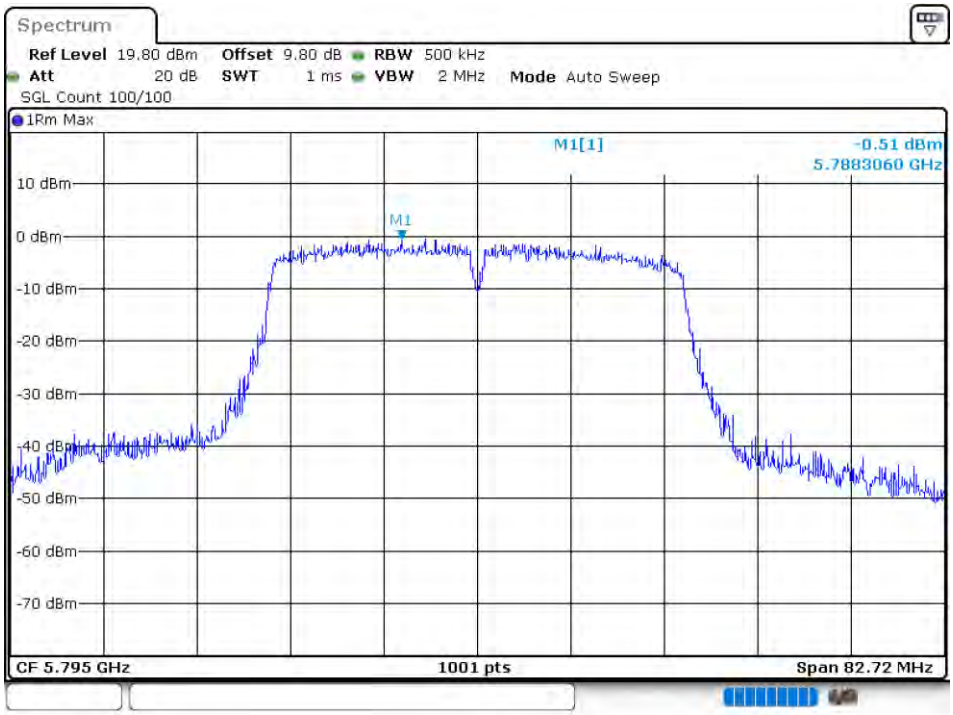
PSD NVNT 802.11n(HT40) 5795MHz Ant 1



PSD NVNT 802.11n(HT40) 5755MHz Ant 2



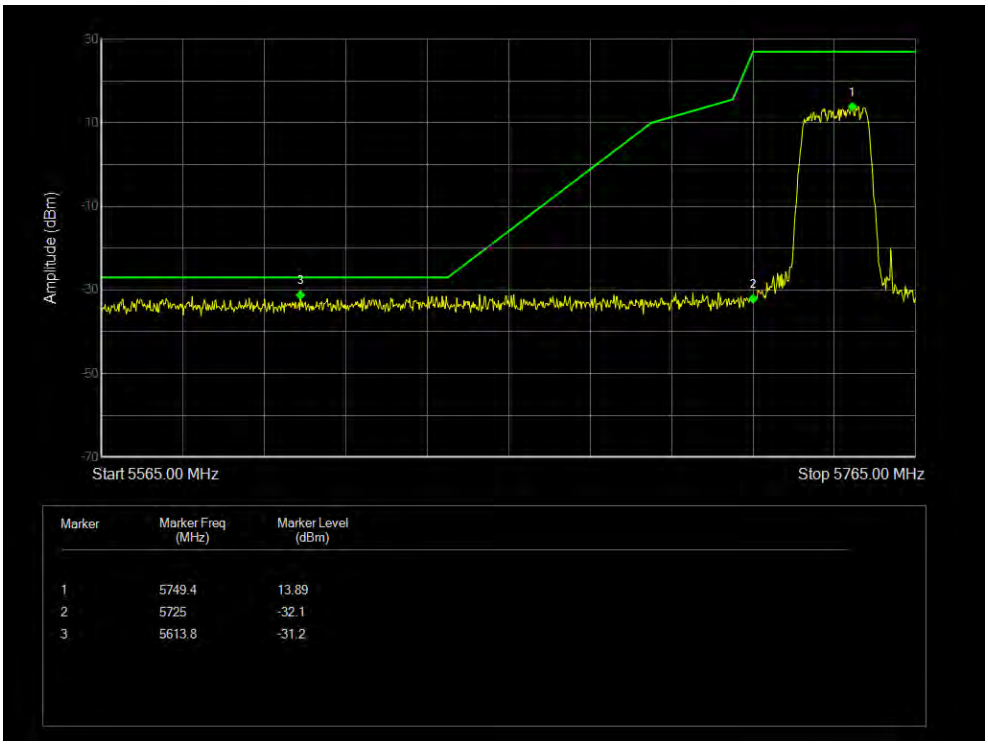
PSD NVNT 802.11n(HT40) 5795MHz Ant 2



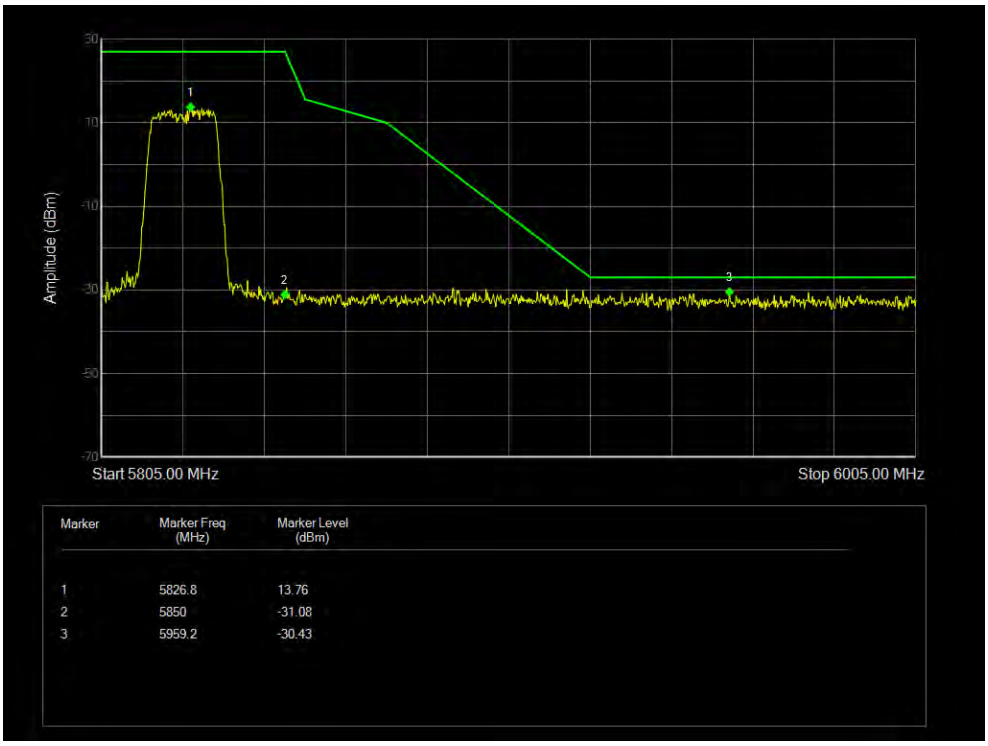
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	-31.2	Pass
NVNT	802.11a	5825	Ant 1	-30.43	Pass
NVNT	802.11a	5745	Ant 2	-31.93	Pass
NVNT	802.11a	5825	Ant 2	-31.28	Pass
NVNT	802.11ac20	5745	Ant 1	-31	Pass
NVNT	802.11ac20	5825	Ant 1	-29.83	Pass
NVNT	802.11ac20	5745	Ant 2	-32.12	Pass
NVNT	802.11ac20	5825	Ant 2	-30.47	Pass
NVNT	802.11ac40	5755	Ant 1	-29.7	Pass
NVNT	802.11ac40	5795	Ant 1	-30.23	Pass
NVNT	802.11ac40	5755	Ant 2	-32.51	Pass
NVNT	802.11ac40	5795	Ant 2	-31.25	Pass
NVNT	802.11ac80	5775	Ant 1	-31.93	Pass
NVNT	802.11ac80	5775	Ant 1	-31.72	Pass
NVNT	802.11ac80	5775	Ant 2	-31.89	Pass
NVNT	802.11ac80	5775	Ant 2	-32.78	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-30.95	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-29.9	Pass
NVNT	802.11n(HT20)	5745	Ant 2	-31.8	Pass
NVNT	802.11n(HT20)	5825	Ant 2	-30.8	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-31.41	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-29.21	Pass
NVNT	802.11n(HT40)	5755	Ant 2	-31.94	Pass
NVNT	802.11n(HT40)	5795	Ant 2	-30.25	Pass

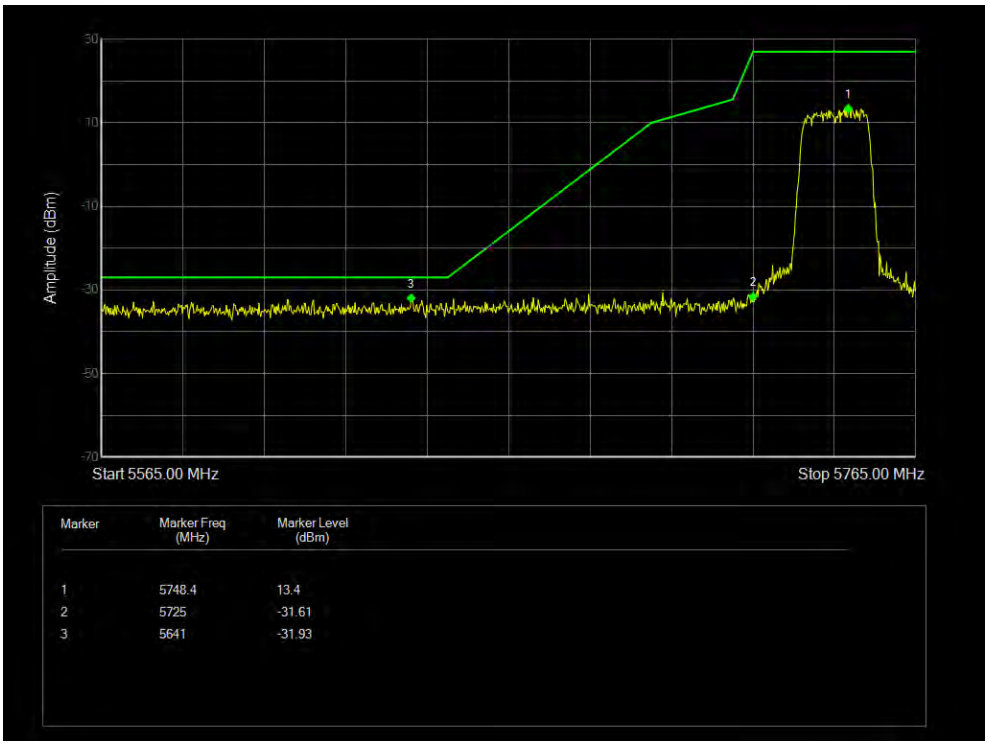
Band Edge NVNT 802.11a 5745MHz Low Ant 1



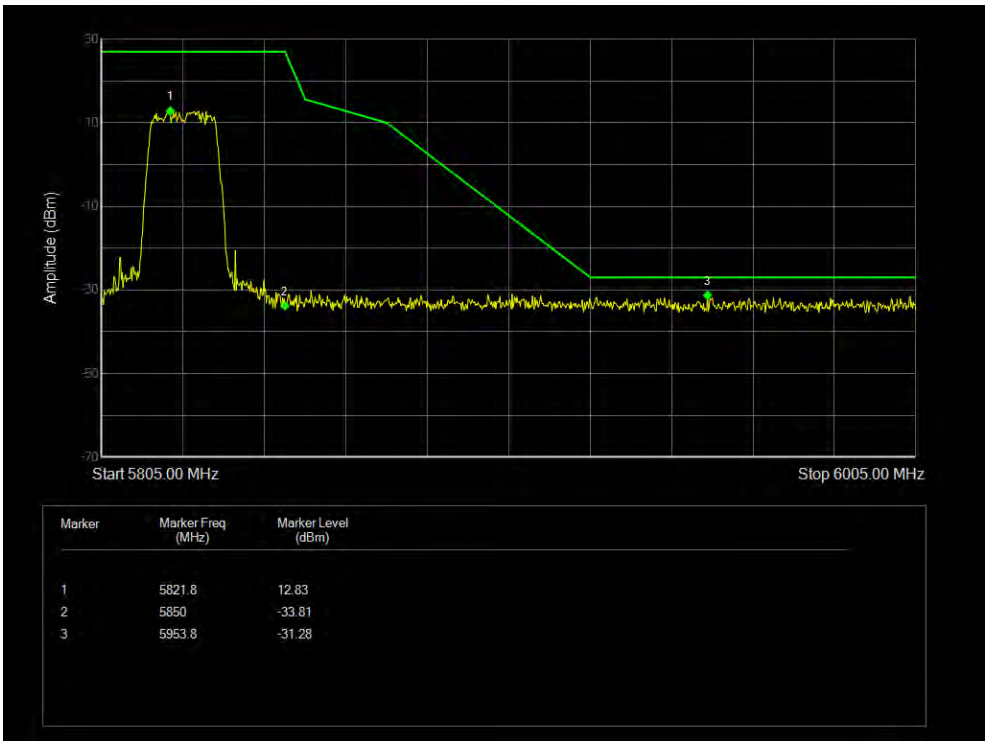
Band Edge NVNT 802.11a 5825MHz High Ant 1



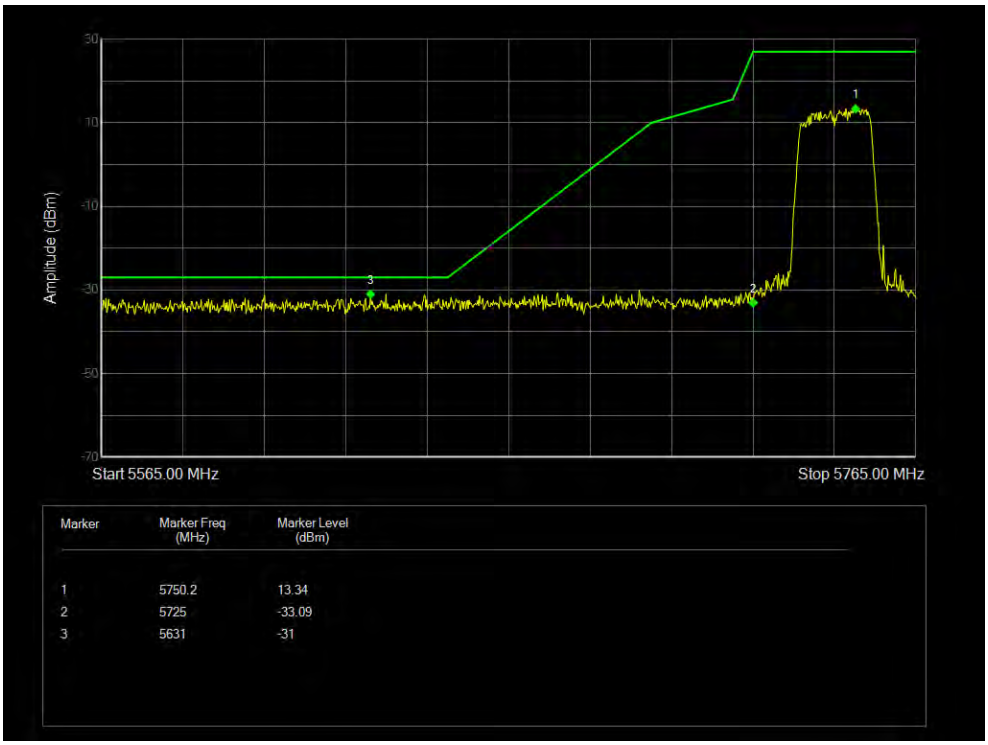
Band Edge NVNT 802.11a 5745MHz Low Ant 2



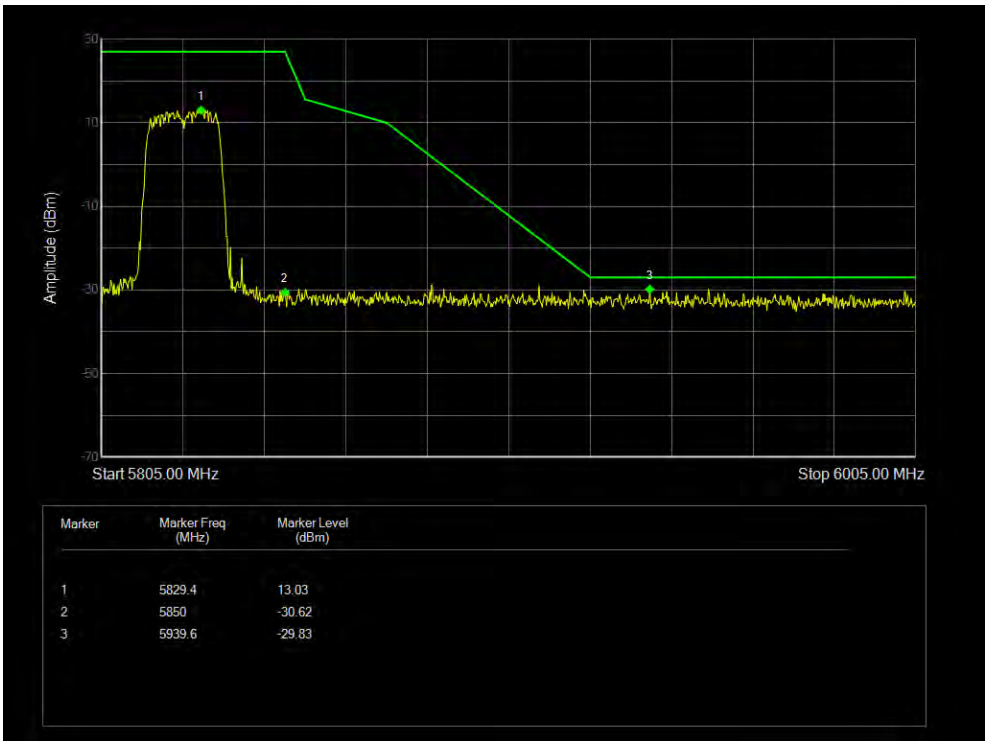
Band Edge NVNT 802.11a 5825MHz High Ant 2



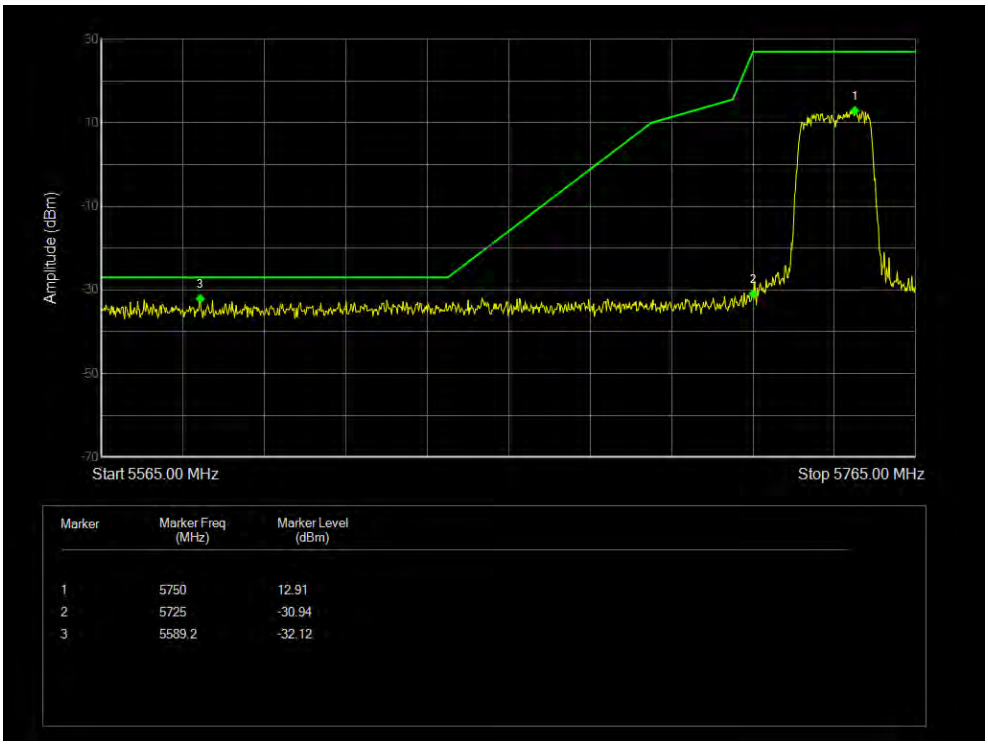
Band Edge NVNT 802.11ac20 5745MHz Low Ant 1



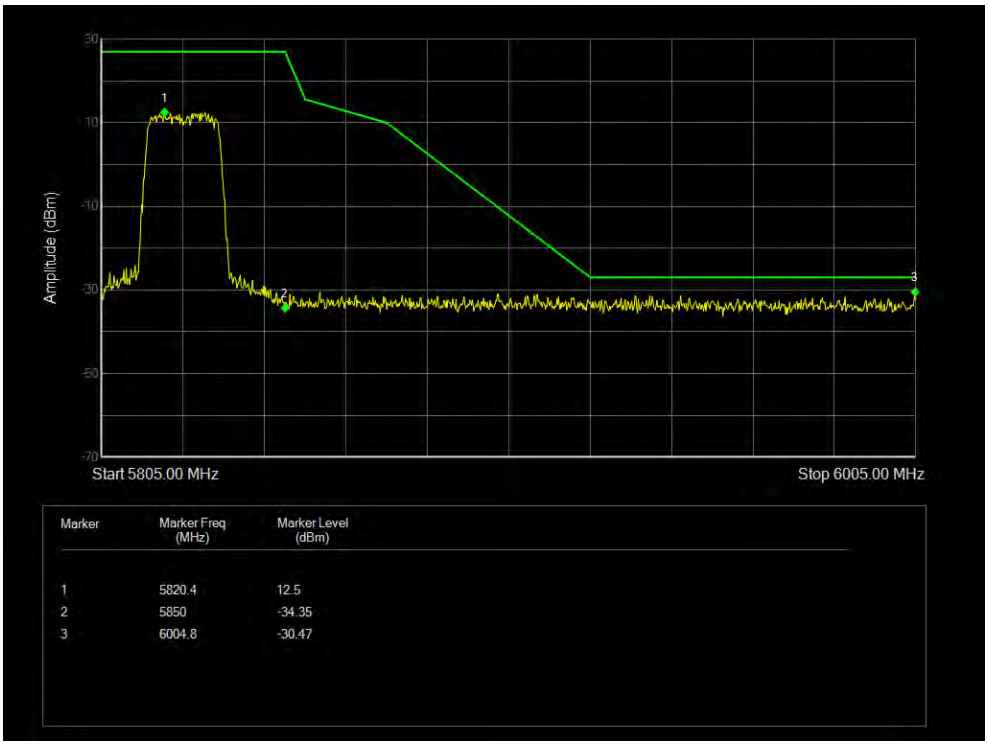
Band Edge NVNT 802.11ac20 5825MHz High Ant 1



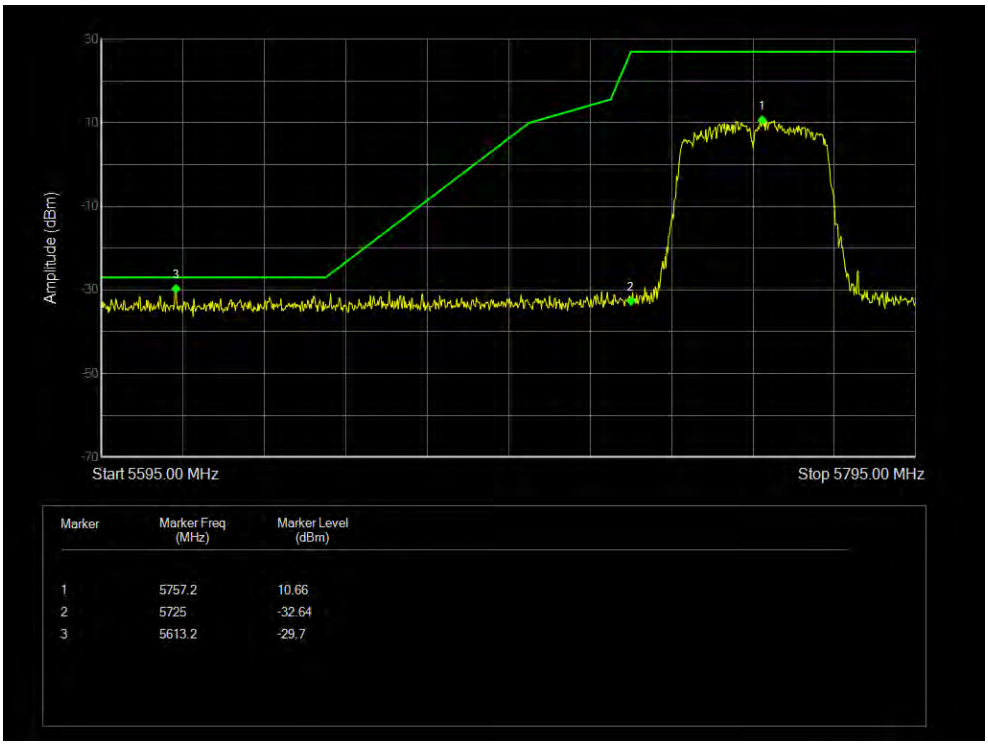
Band Edge NVNT 802.11ac20 5745MHz Low Ant 2



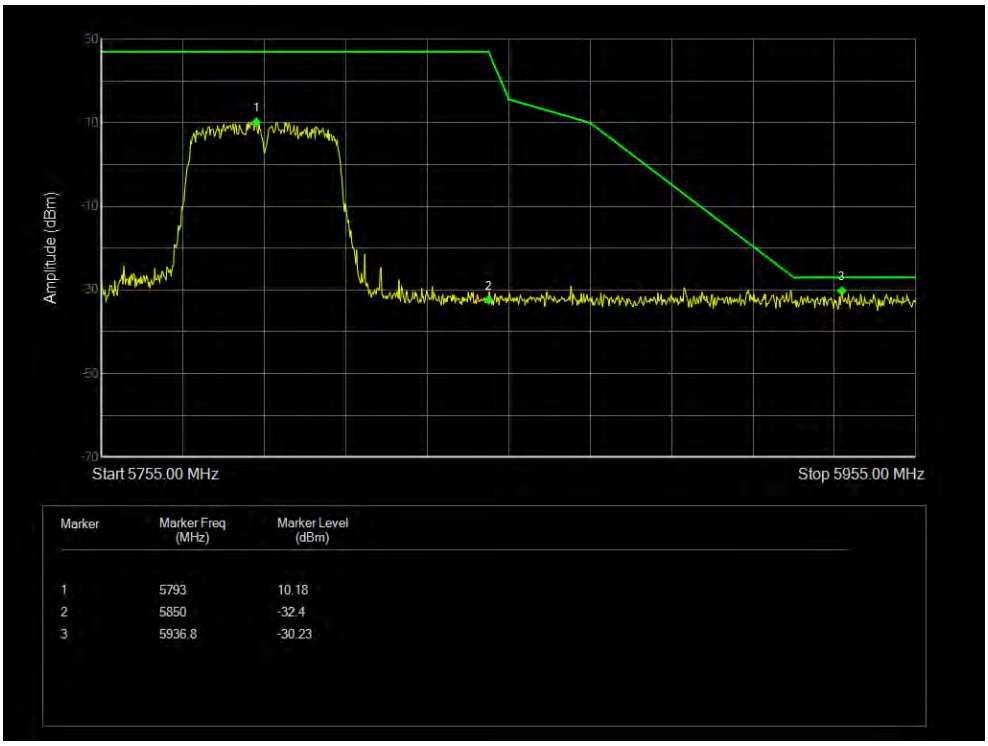
Band Edge NVNT 802.11ac20 5825MHz High Ant 2



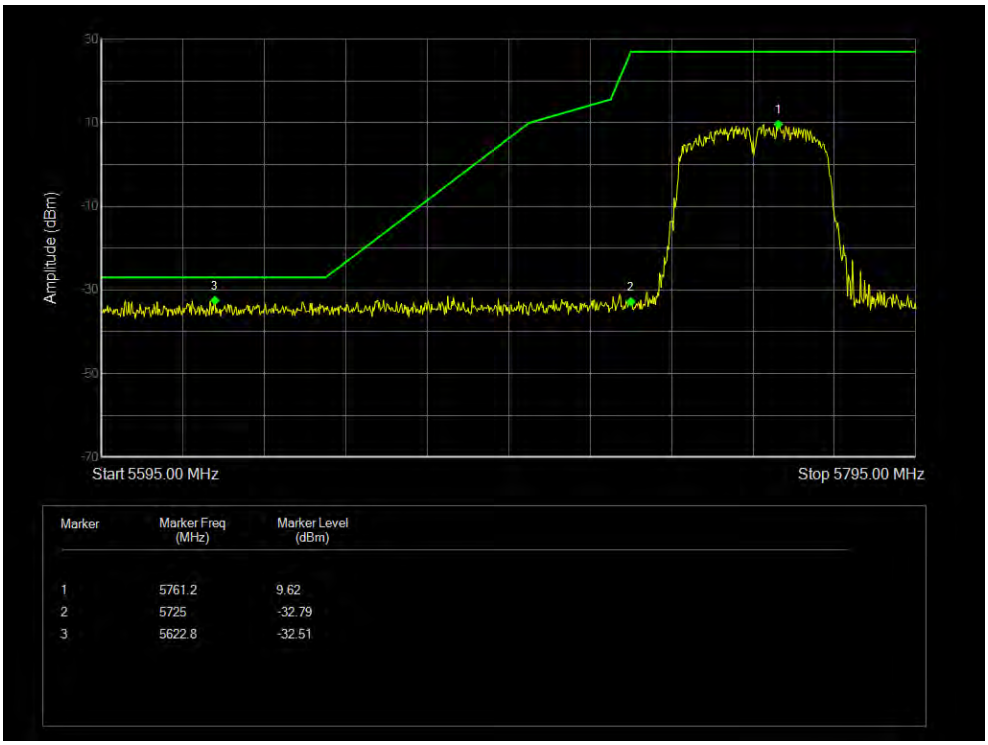
Band Edge NVNT 802.11ac40 5755MHz Low Ant 1



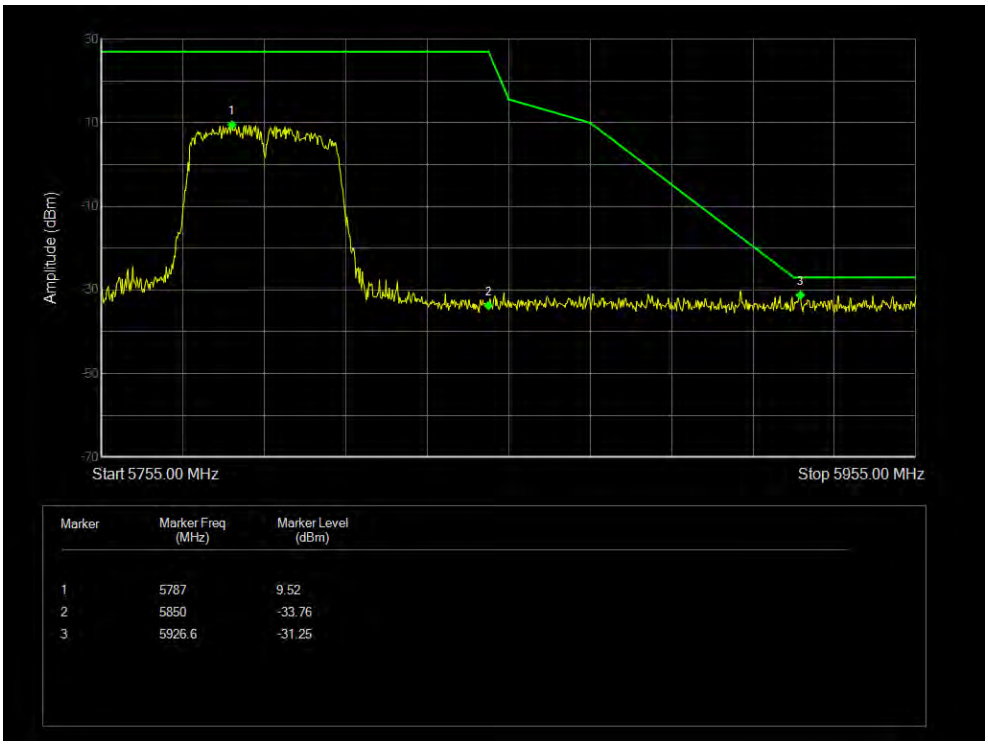
Band Edge NVNT 802.11ac40 5795MHz High Ant 1



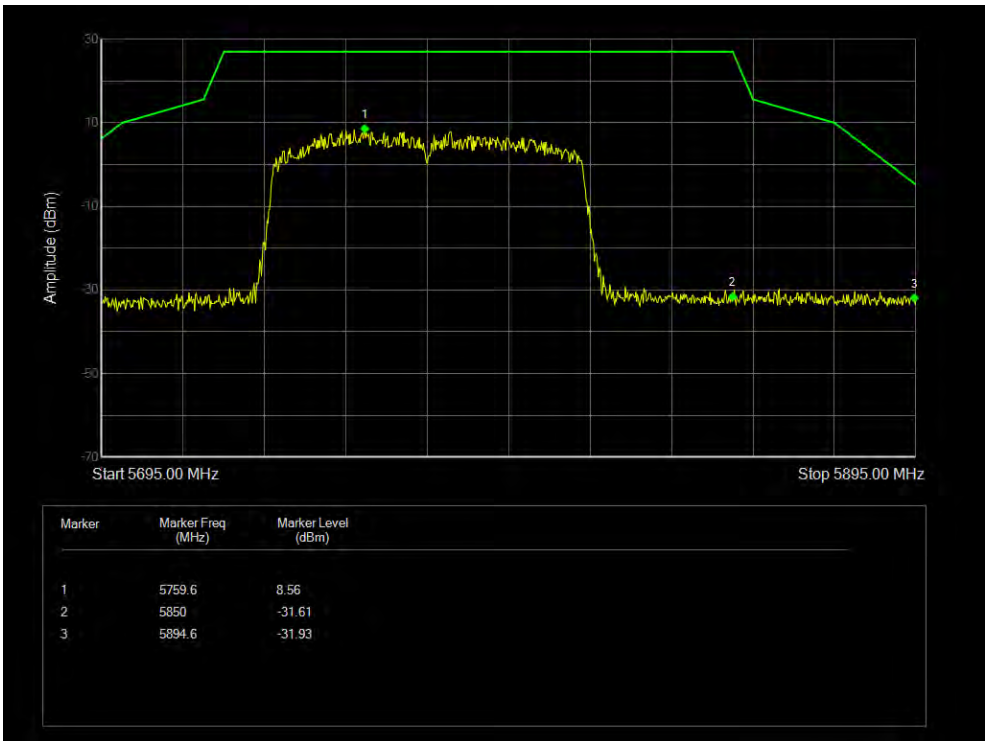
Band Edge NVNT 802.11ac40 5755MHz Low Ant 2



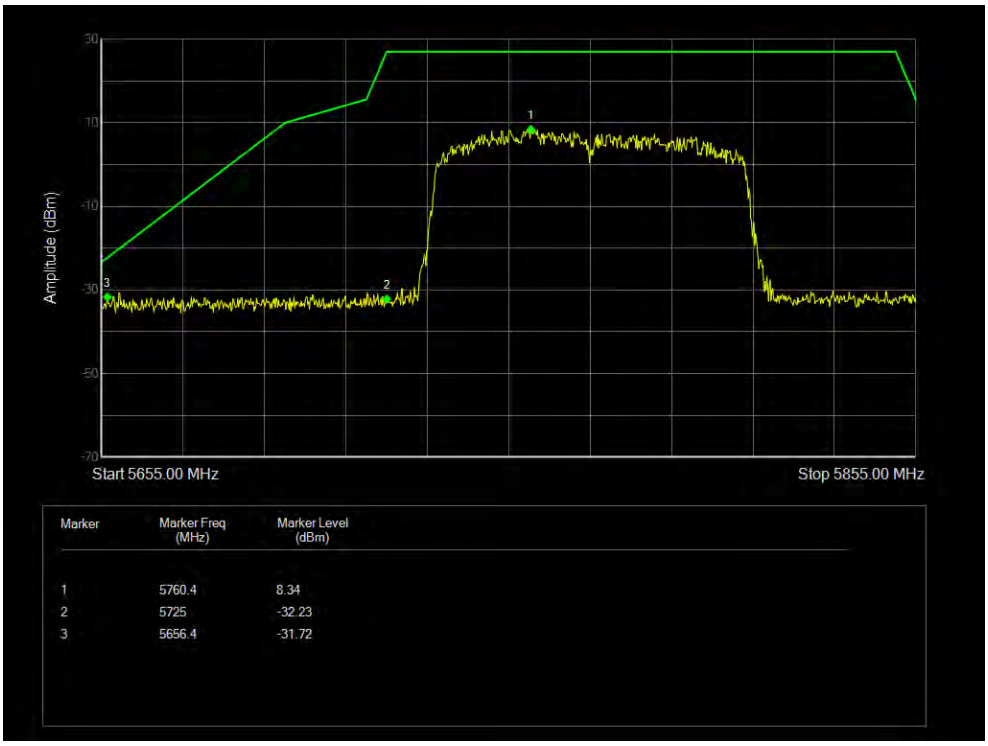
Band Edge NVNT 802.11ac40 5795MHz High Ant 2



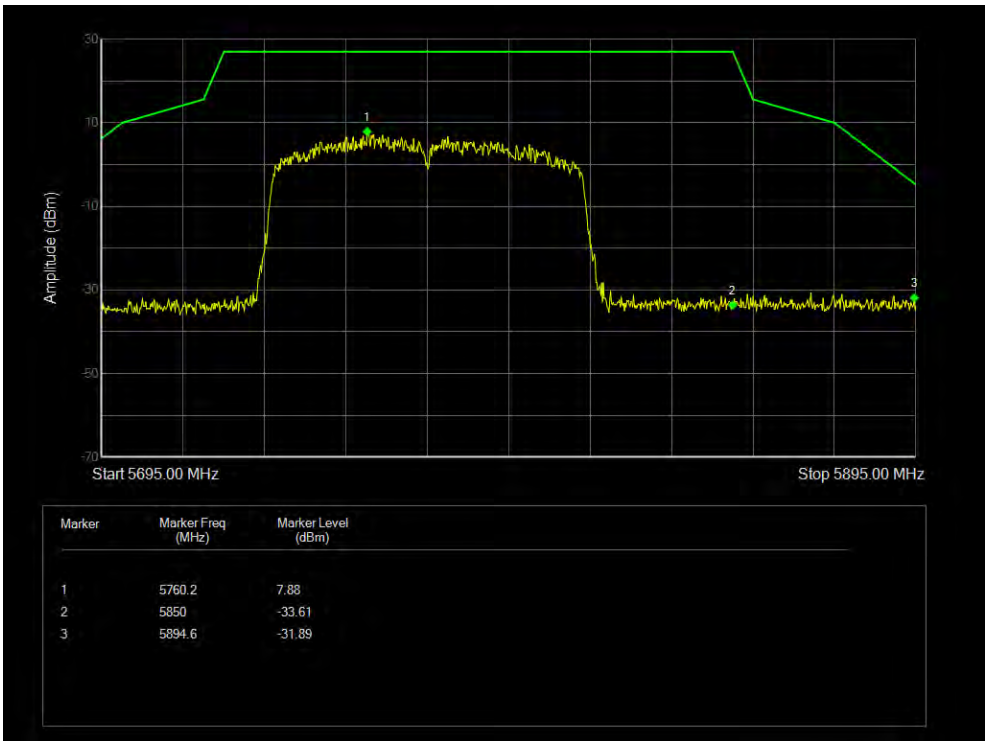
Band Edge NVNT 802.11ac80 5775MHz High Ant 1



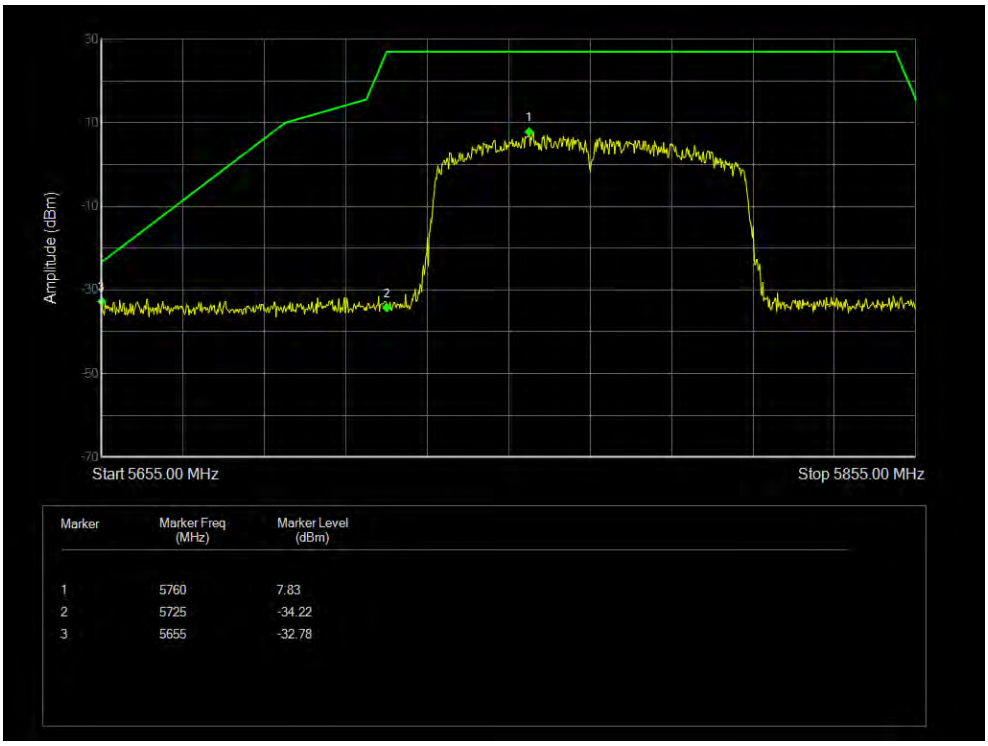
Band Edge NVNT 802.11ac80 5775MHz Low Ant 1



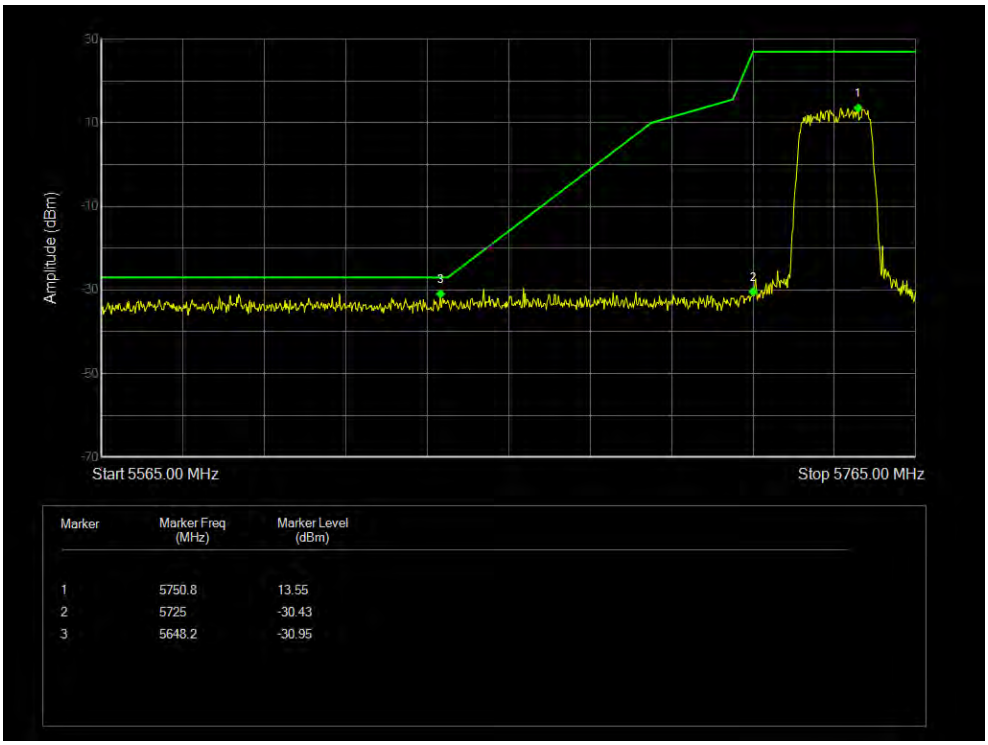
Band Edge NVNT 802.11ac80 5775MHz High Ant 2



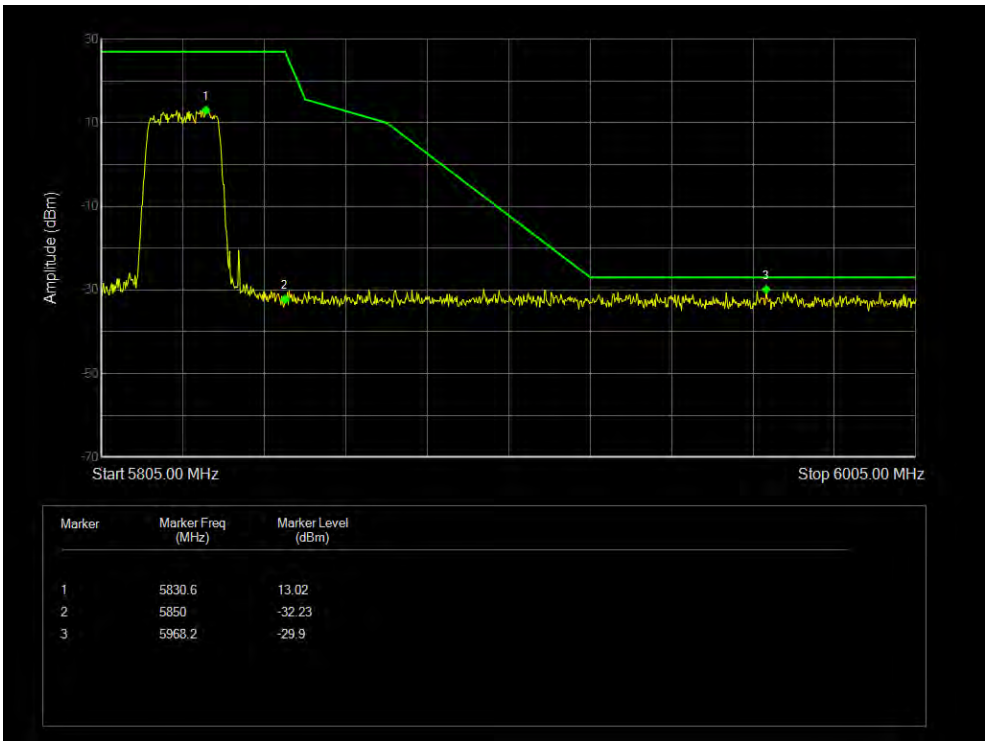
Band Edge NVNT 802.11ac80 5775MHz Low Ant 2



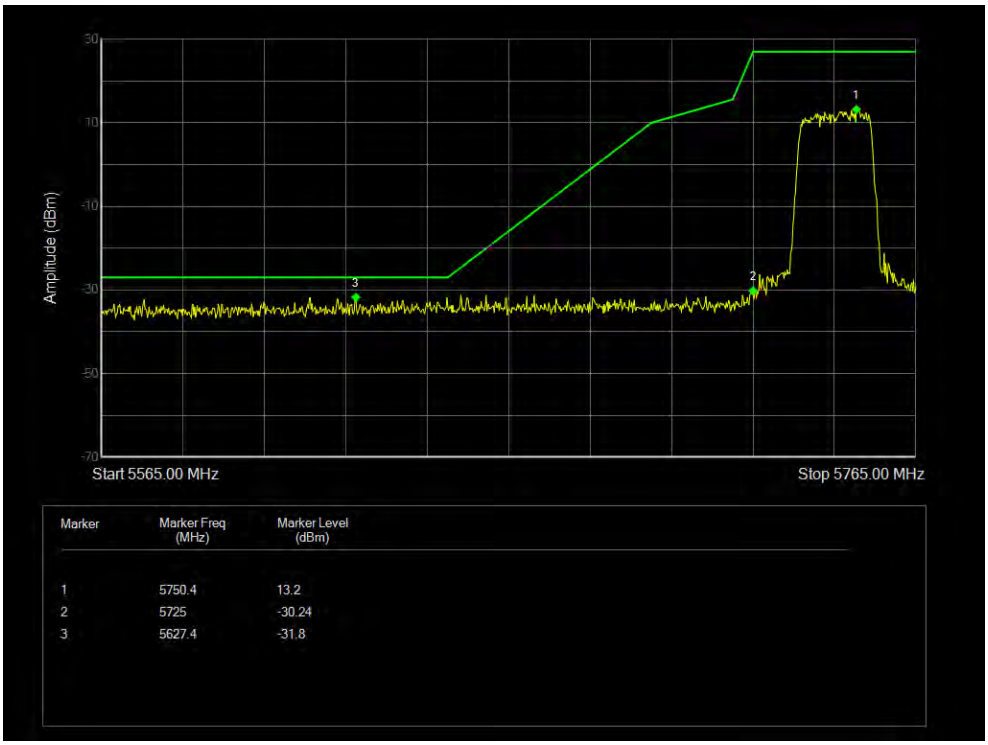
Band Edge NVNT 802.11n(HT20) 5745MHz Low Ant 1



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



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



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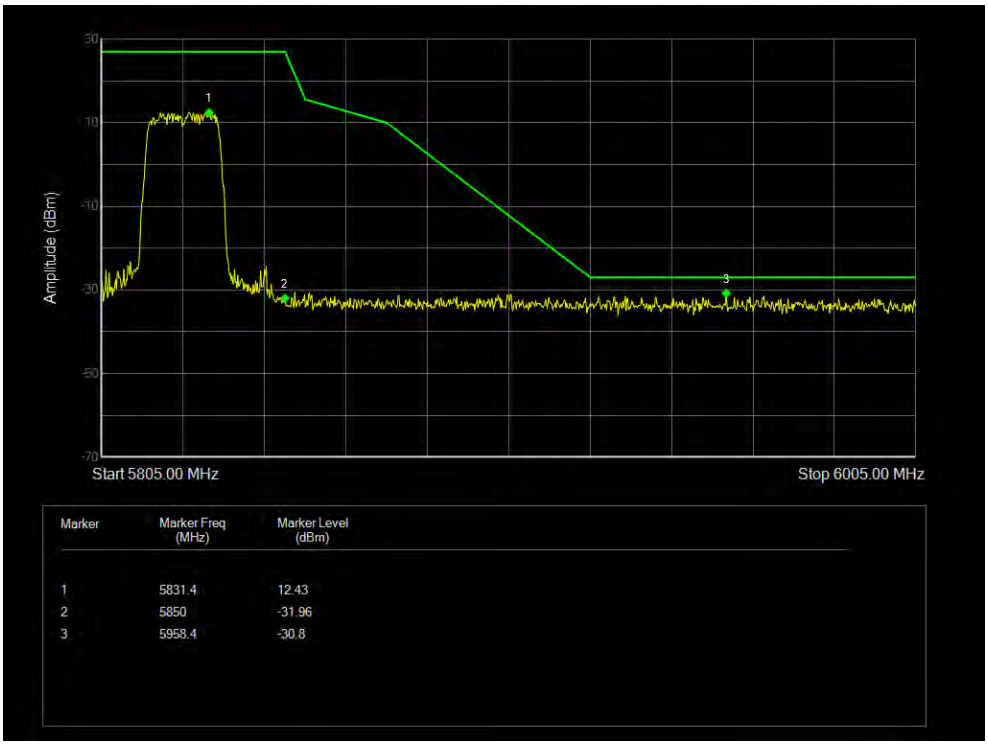
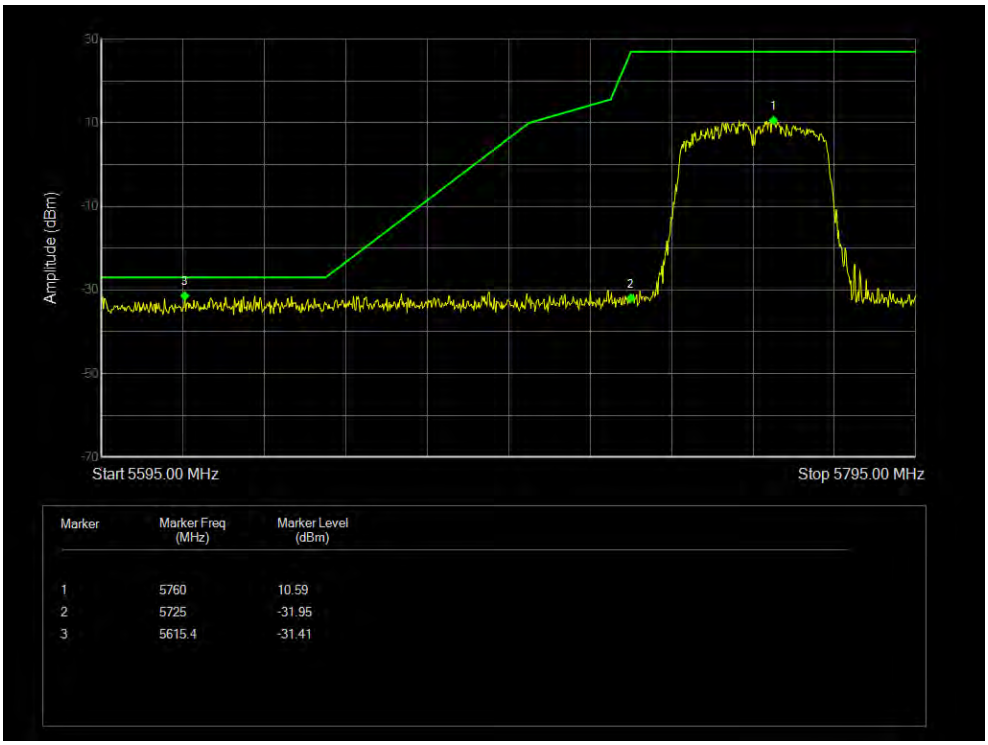
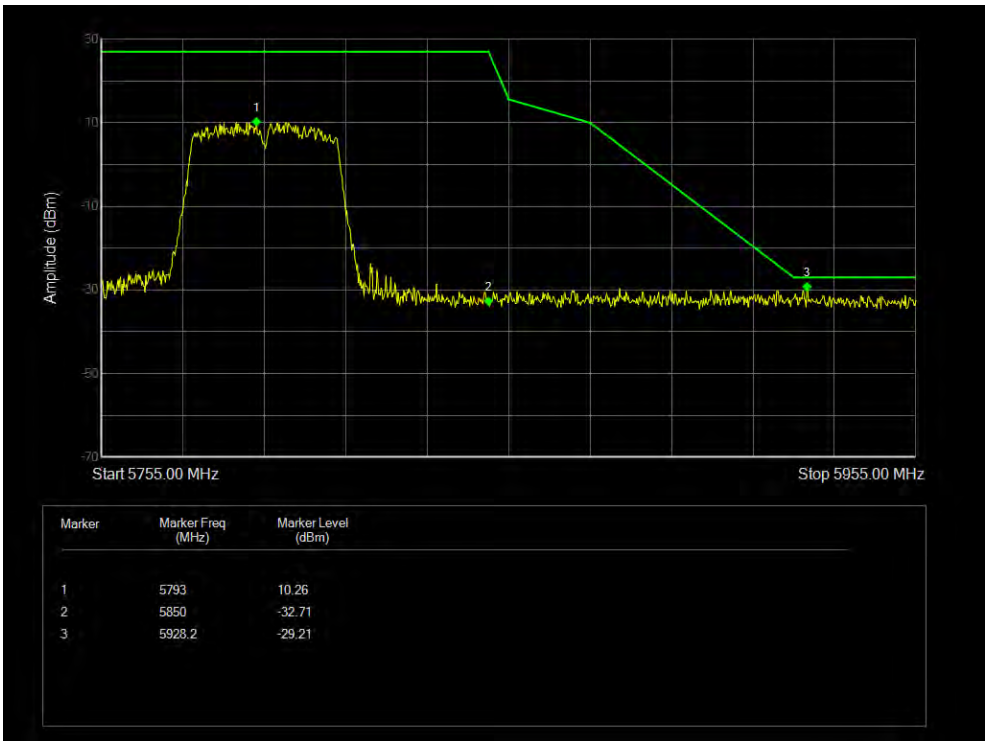


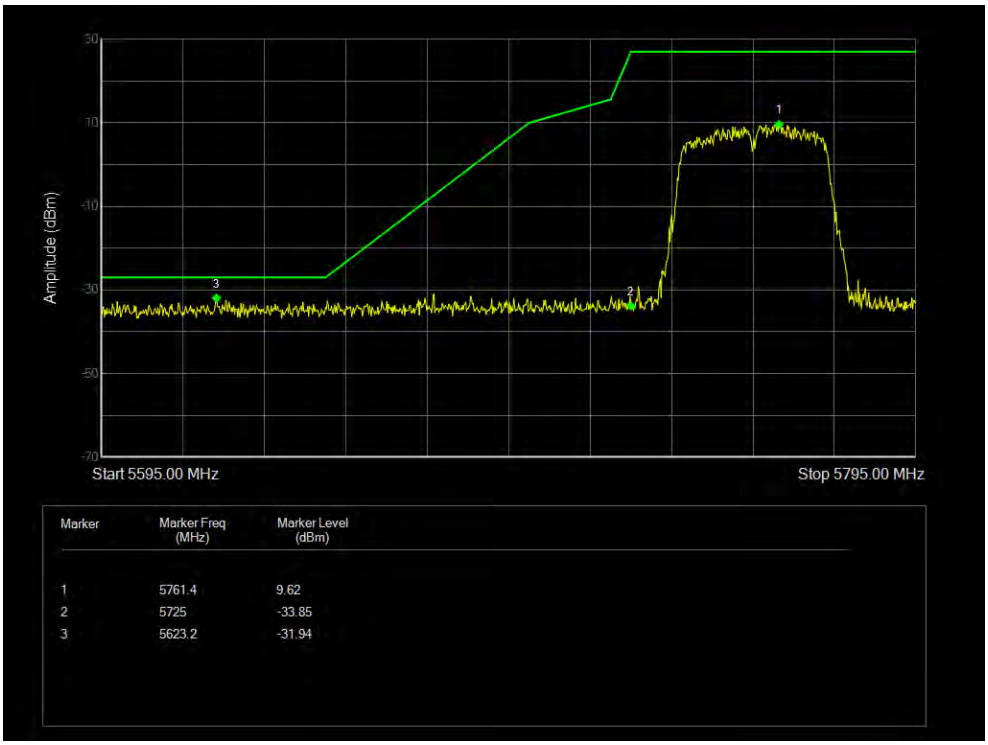
Band Edge NVNT 802.11n(HT40) 5755MHz Low Ant 1



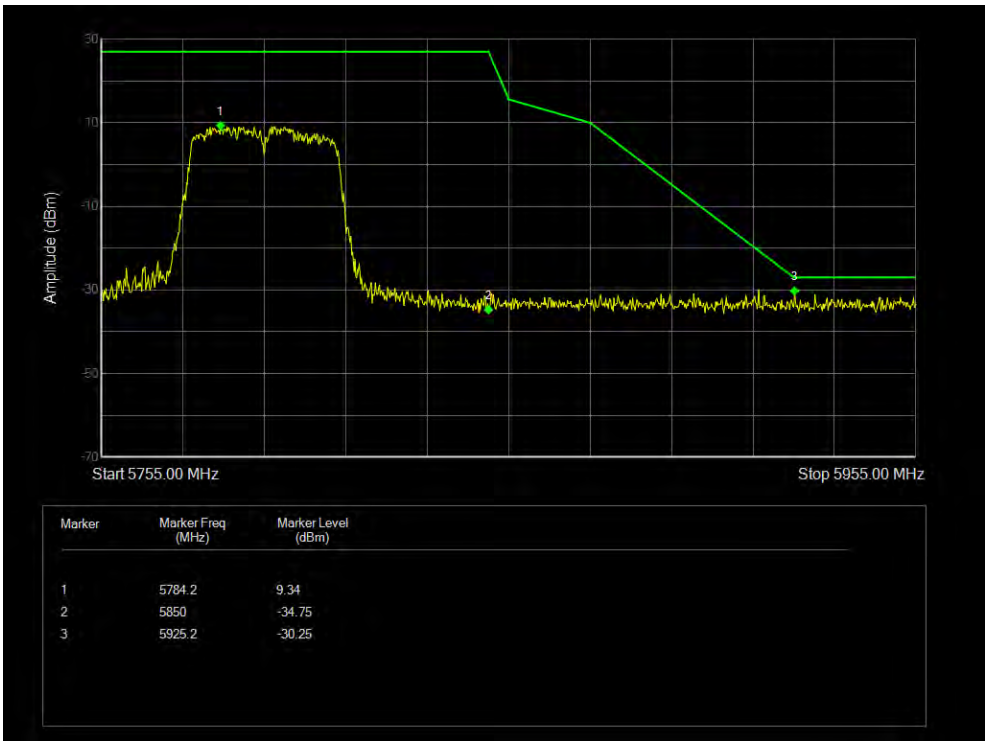
Band Edge NVNT 802.11n(HT40) 5795MHz High Ant 1



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



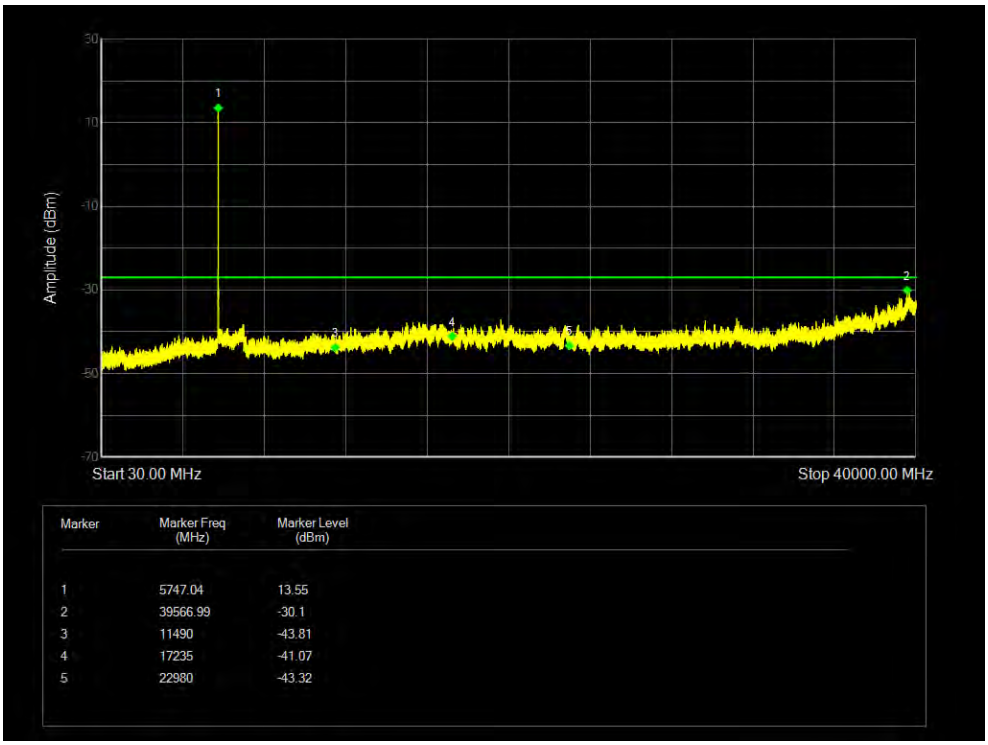
Band Edge NVNT 802.11n(HT40) 5795MHz High Ant 2



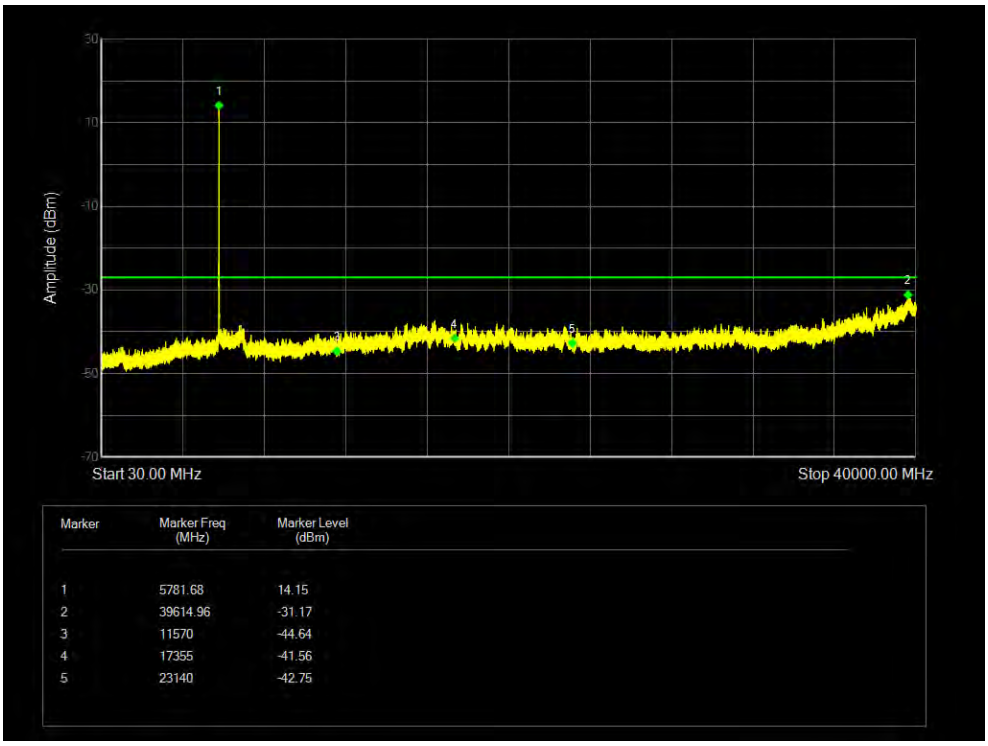
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11a	5745	Ant 1	-30.1	-27	Pass
NVNT	802.11a	5785	Ant 1	-31.17	-27	Pass
NVNT	802.11a	5825	Ant 1	-30.67	-27	Pass
NVNT	802.11a	5745	Ant 2	-31.49	-27	Pass
NVNT	802.11a	5785	Ant 2	-31.47	-27	Pass
NVNT	802.11a	5825	Ant 2	-32.51	-27	Pass
NVNT	802.11ac20	5745	Ant 1	-30.71	-27	Pass
NVNT	802.11ac20	5785	Ant 1	-31.27	-27	Pass
NVNT	802.11ac20	5825	Ant 1	-31.76	-27	Pass
NVNT	802.11ac20	5745	Ant 2	-31.97	-27	Pass
NVNT	802.11ac20	5785	Ant 2	-32.3	-27	Pass
NVNT	802.11ac20	5825	Ant 2	-32.15	-27	Pass
NVNT	802.11ac40	5755	Ant 1	-31.17	-27	Pass
NVNT	802.11ac40	5795	Ant 1	-30.99	-27	Pass
NVNT	802.11ac40	5755	Ant 2	-31.63	-27	Pass
NVNT	802.11ac40	5795	Ant 2	-32.25	-27	Pass
NVNT	802.11ac80	5775	Ant 1	-31.34	-27	Pass
NVNT	802.11ac80	5775	Ant 2	-32.21	-27	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-30.46	-27	Pass
NVNT	802.11n(HT20)	5785	Ant 1	-31.28	-27	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-30.91	-27	Pass
NVNT	802.11n(HT20)	5745	Ant 2	-30.68	-27	Pass
NVNT	802.11n(HT20)	5785	Ant 2	-31.72	-27	Pass
NVNT	802.11n(HT20)	5825	Ant 2	-32.28	-27	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-30.68	-27	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-31.34	-27	Pass
NVNT	802.11n(HT40)	5755	Ant 2	-30.86	-27	Pass
NVNT	802.11n(HT40)	5795	Ant 2	-31.71	-27	Pass

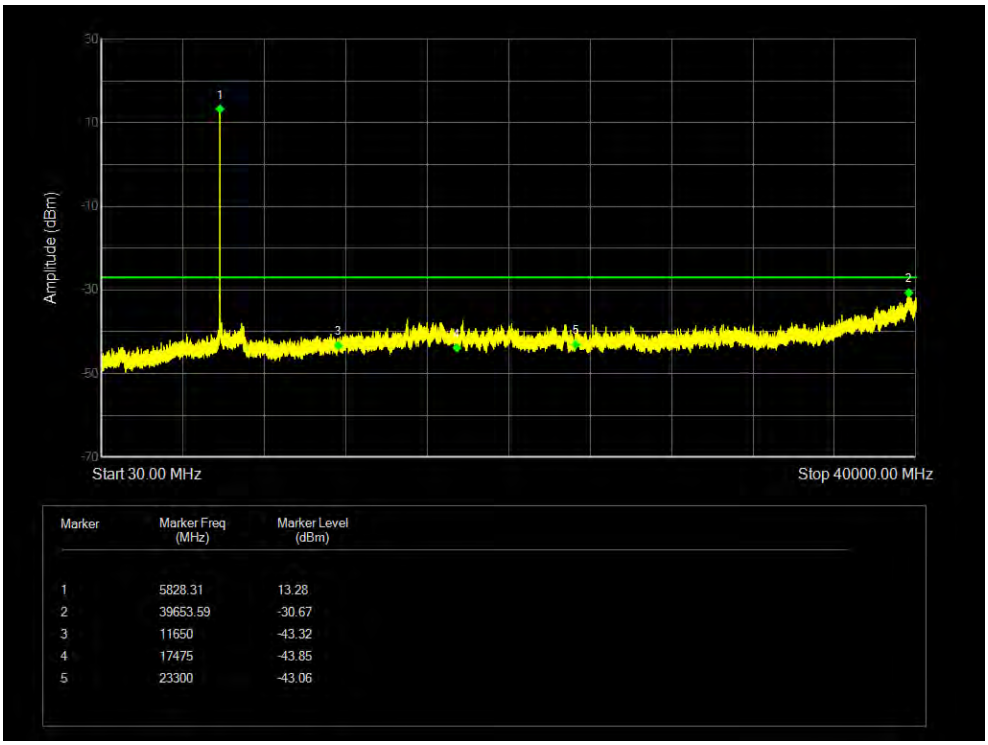
Tx. Spurious NVNT 802.11a 5745MHz Ant 1 Emission



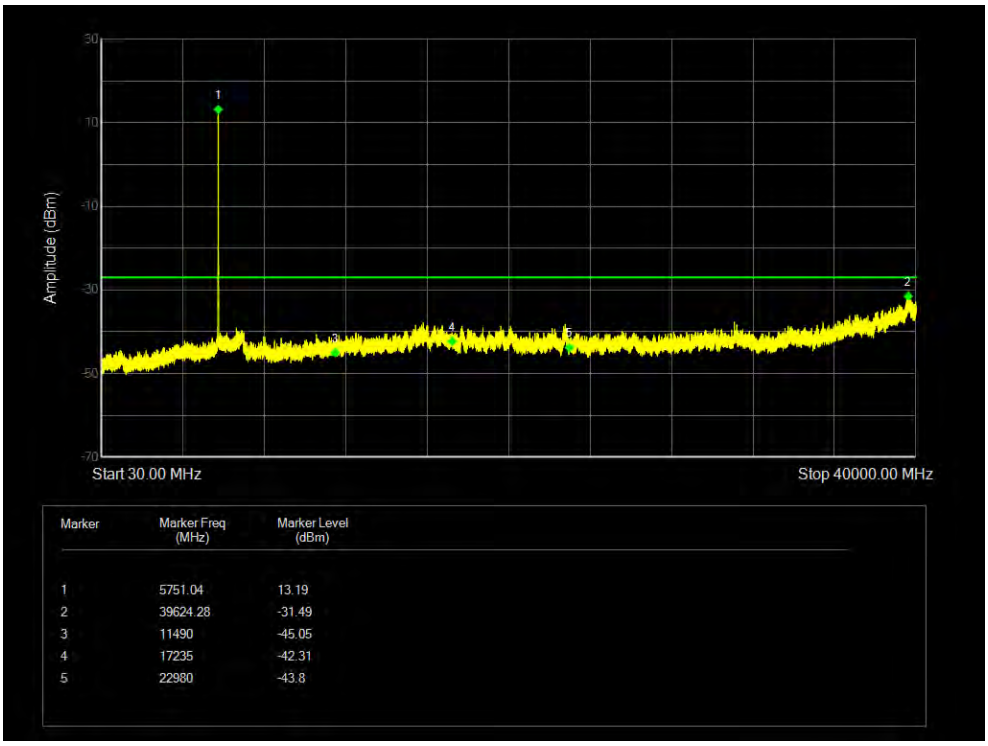
Tx. Spurious NVNT 802.11a 5785MHz Ant 1 Emission



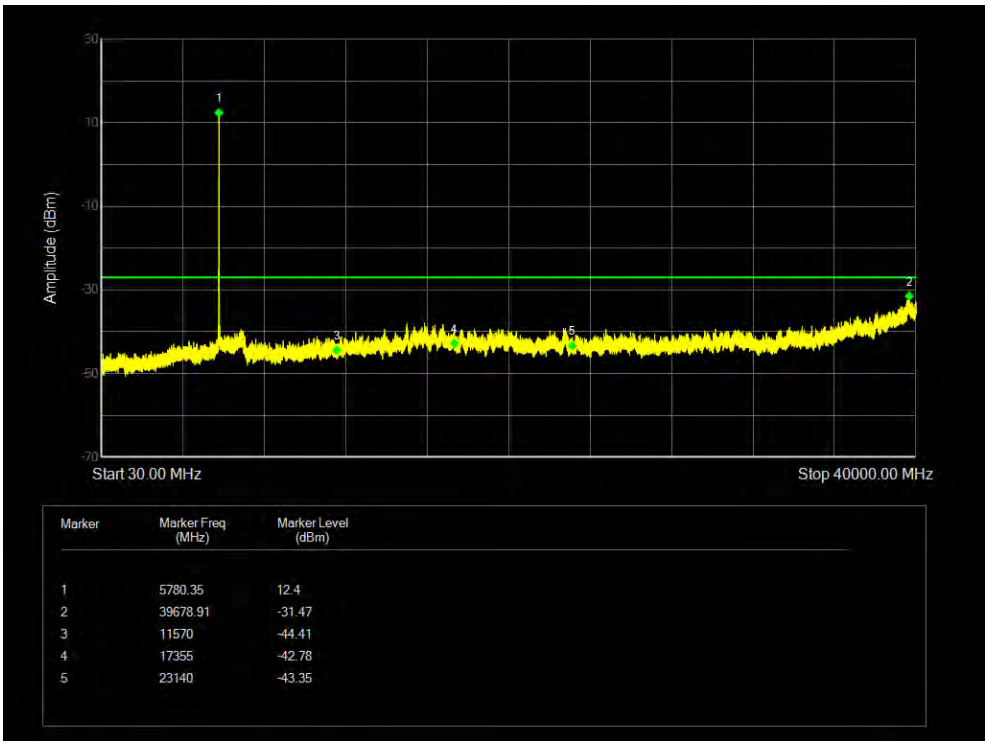
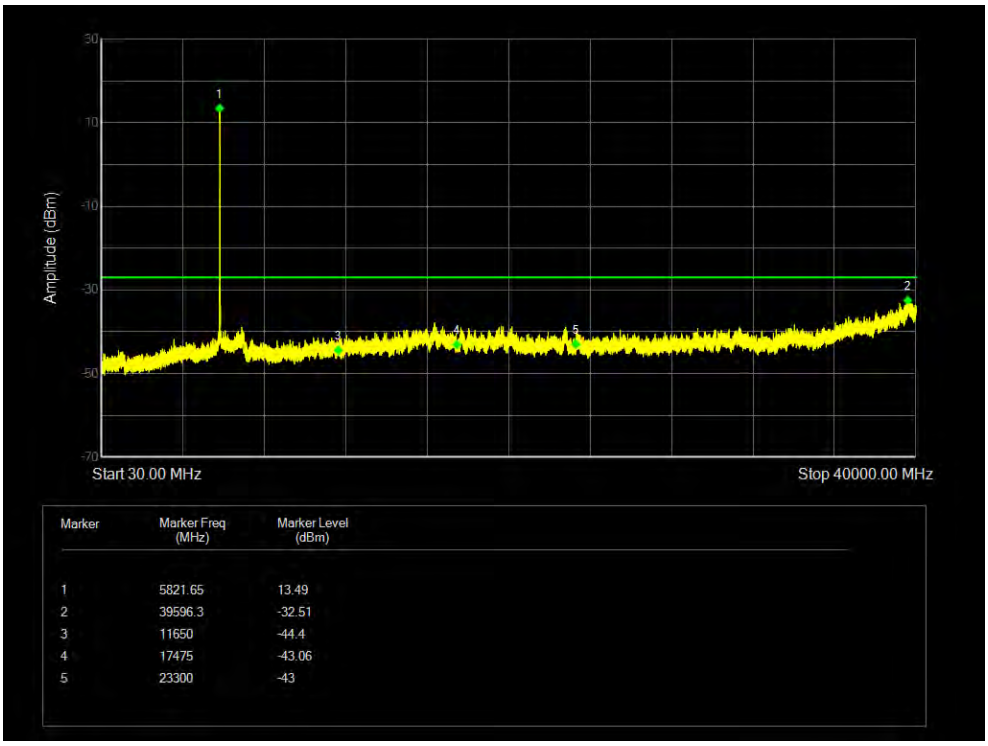
Tx. Spurious NVNT 802.11a 5825MHz Ant 1 Emission



Tx. Spurious NVNT 802.11a 5745MHz Ant 2 Emission



Tx. Spurious NVNT 802.11a 5785MHz Ant 2 Emission



Tx. Spurious NVNT 802.11a 5825MHz Ant 2 Emission