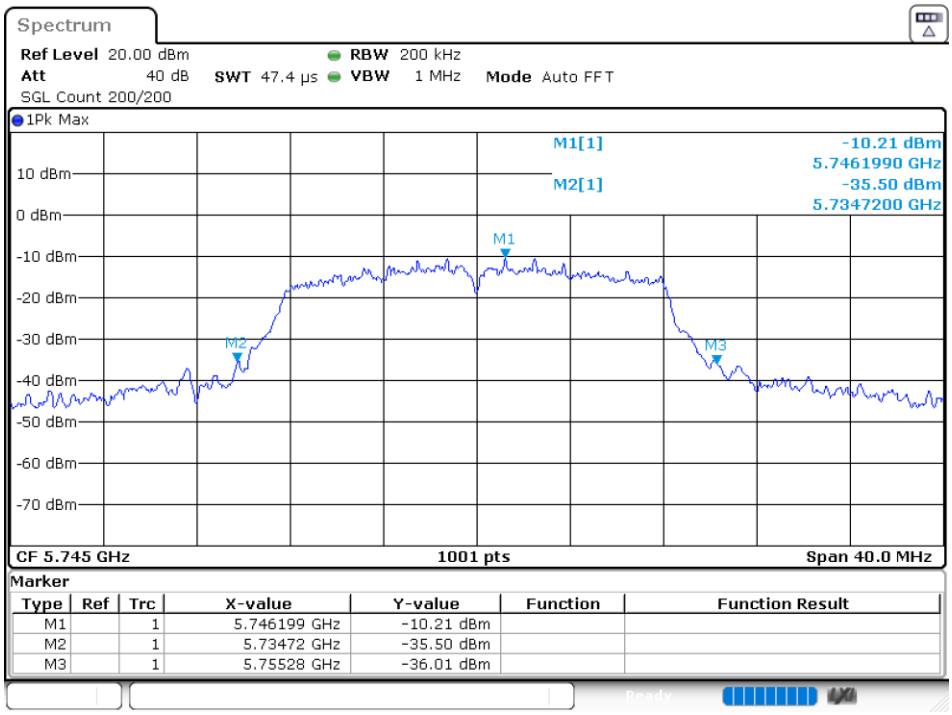
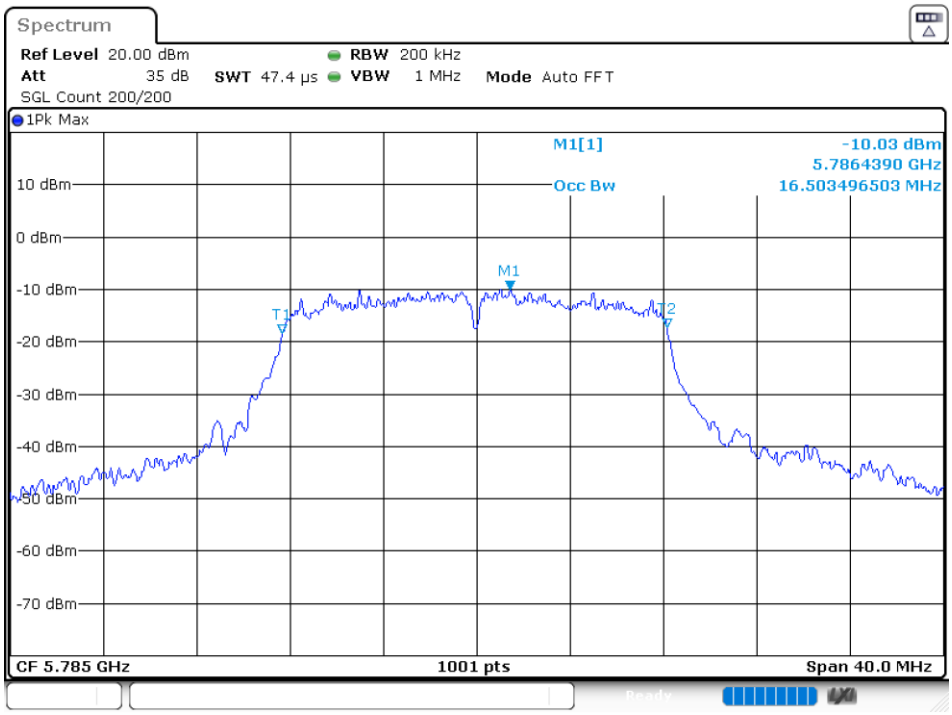
-26 dB BW NVNT 802.11a 5745MHz Ant 1



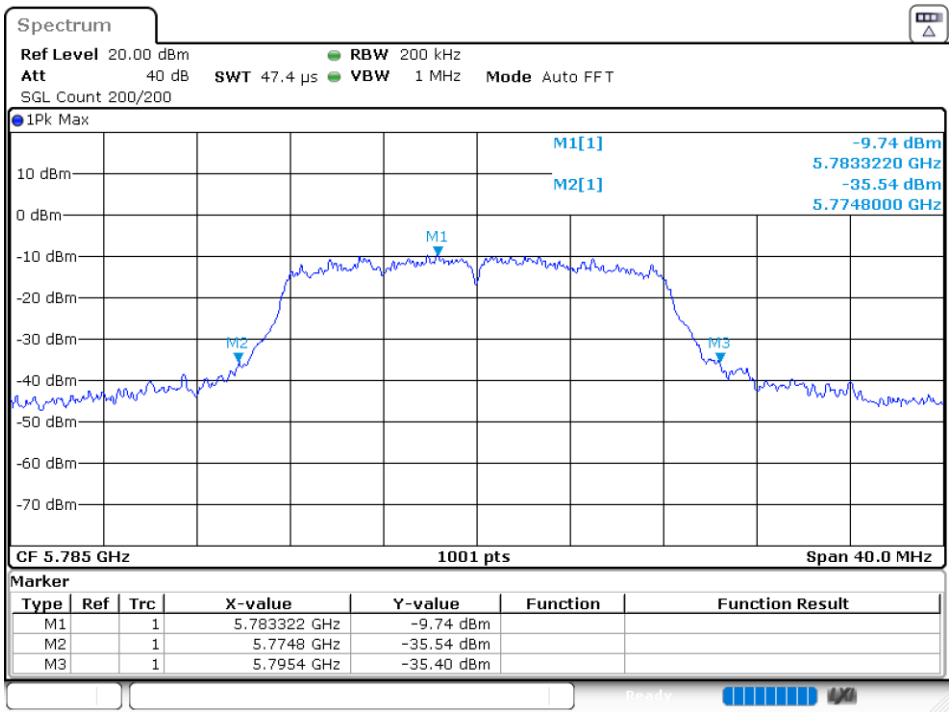
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.746199 GHz	-10.21 dBm		
M2		1	5.73472 GHz	-35.50 dBm		
M3		1	5.75528 GHz	-36.01 dBm		

OBW NVNT 802.11a 5785MHz Ant 1



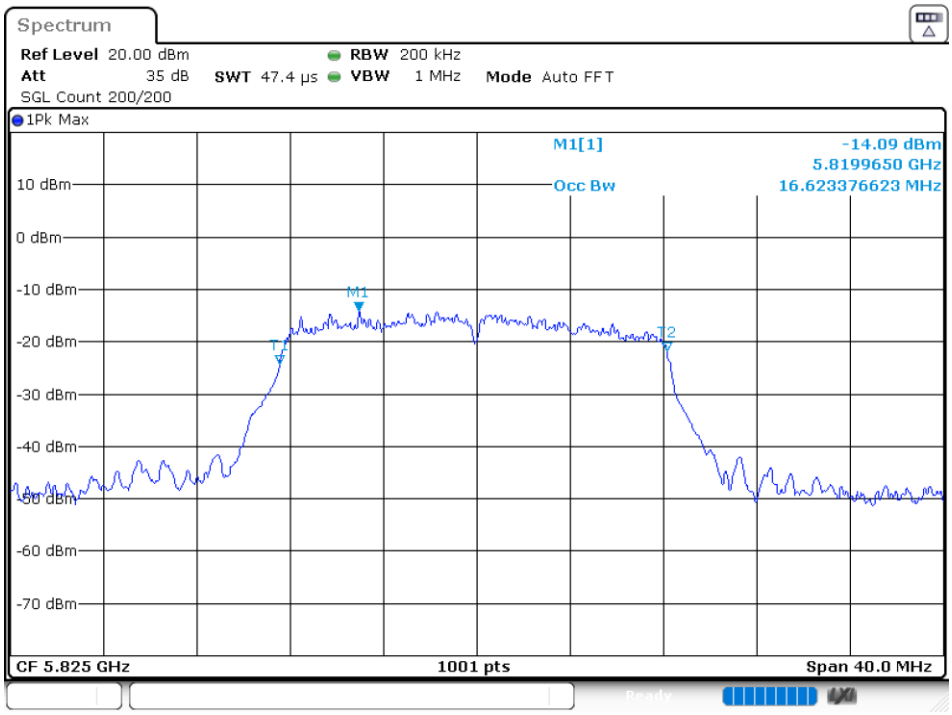
-26 dB BW NVNT 802.11a 5785MHz Ant 1



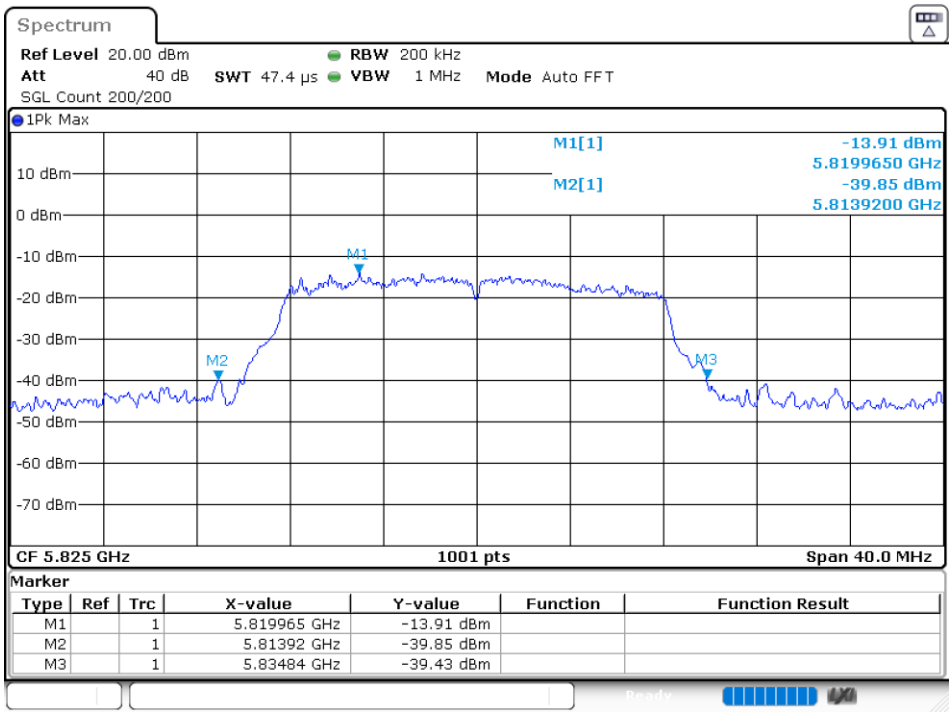
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.783322 GHz	-9.74 dBm		
M2		1	5.7748 GHz	-35.54 dBm		
M3		1	5.7954 GHz	-35.40 dBm		

OBW NVNT 802.11a 5825MHz Ant 1



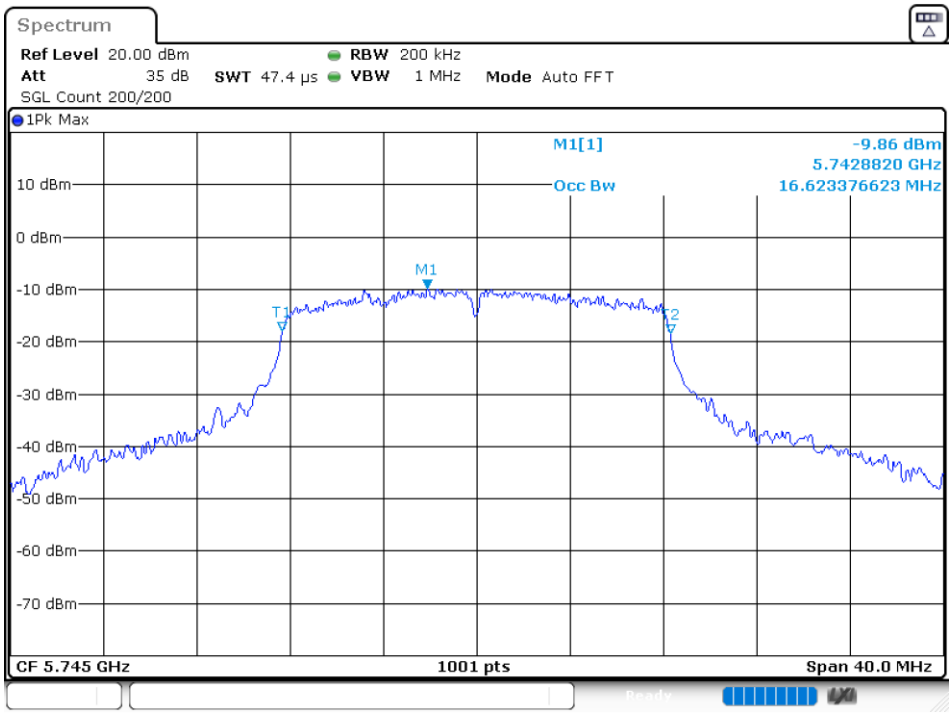
-26 dB BW NVNT 802.11a 5825MHz Ant 1



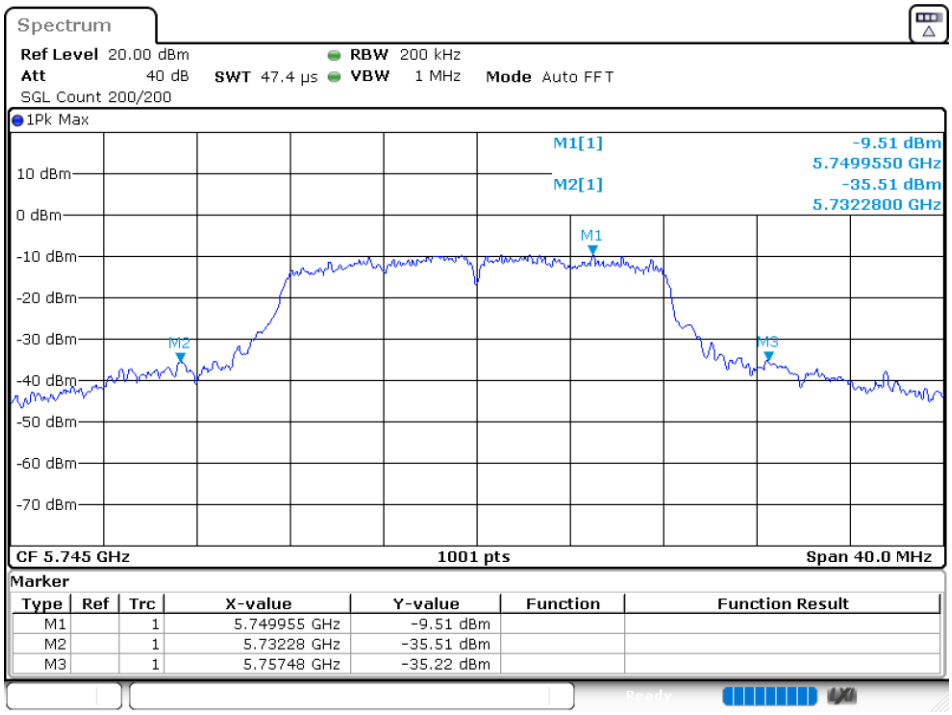
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.819965 GHz	-13.91 dBm		
M2		1	5.81392 GHz	-39.85 dBm		
M3		1	5.83484 GHz	-39.43 dBm		

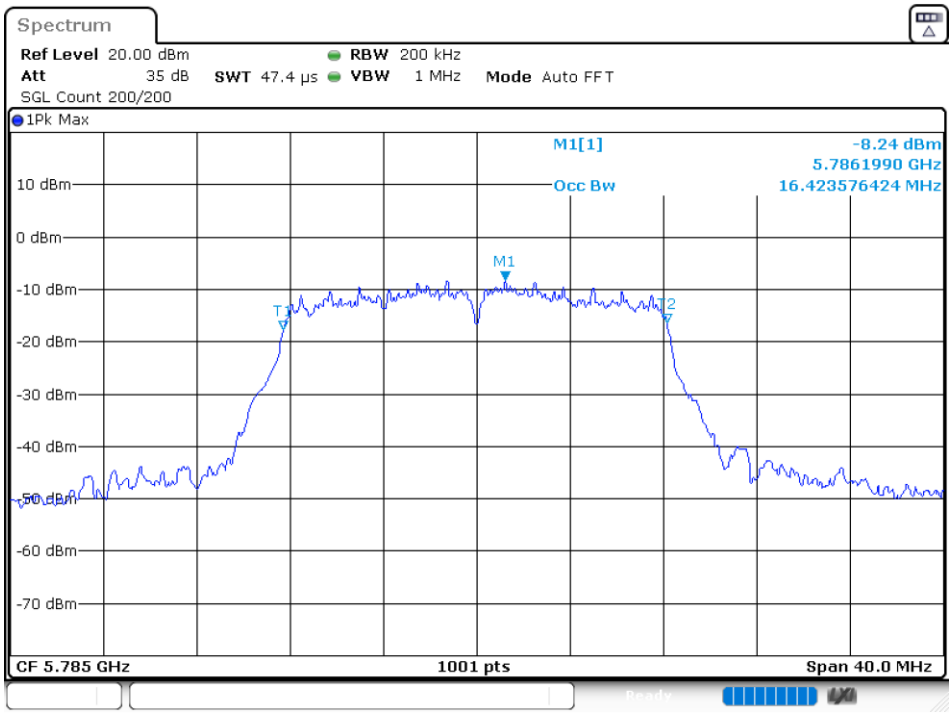
OBW NVNT 802.11a 5745MHz Ant 2



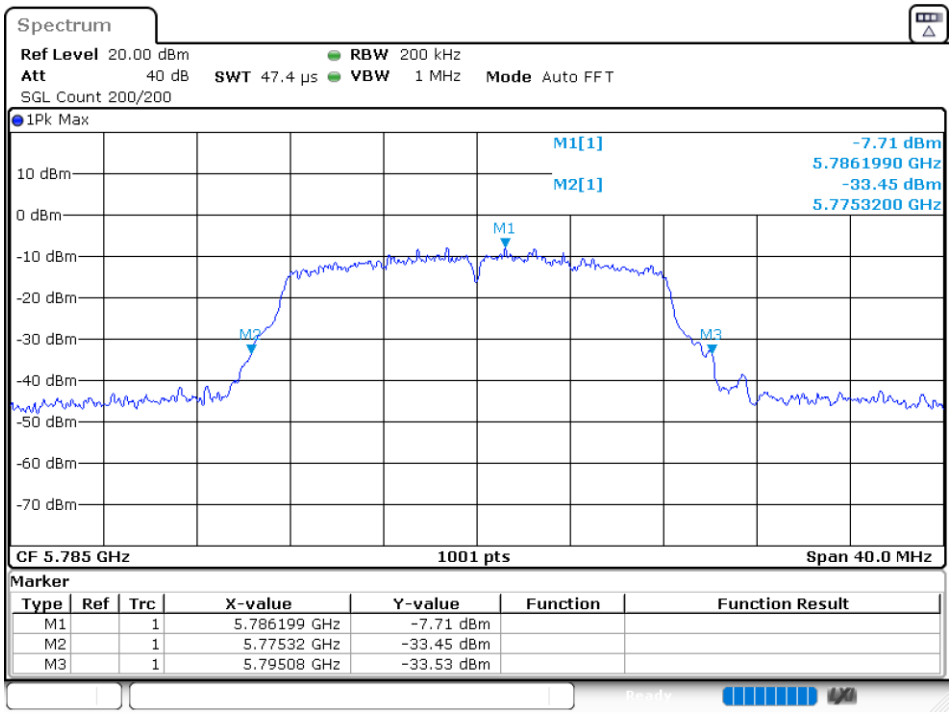
-26 dB BW NVNT 802.11a 5745MHz Ant 2



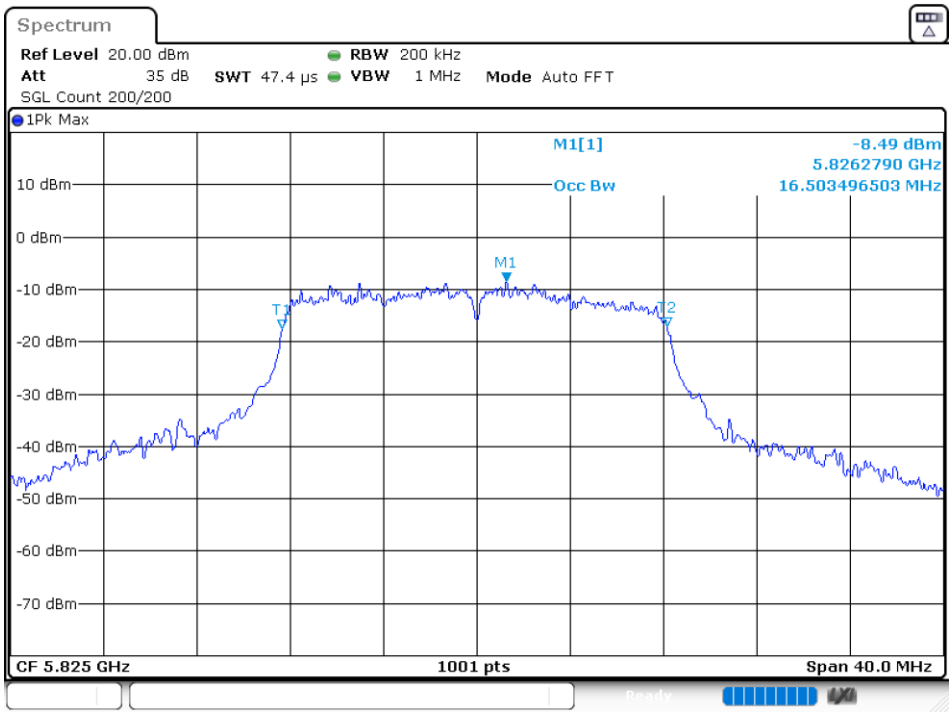
OBW NVNT 802.11a 5785MHz Ant 2



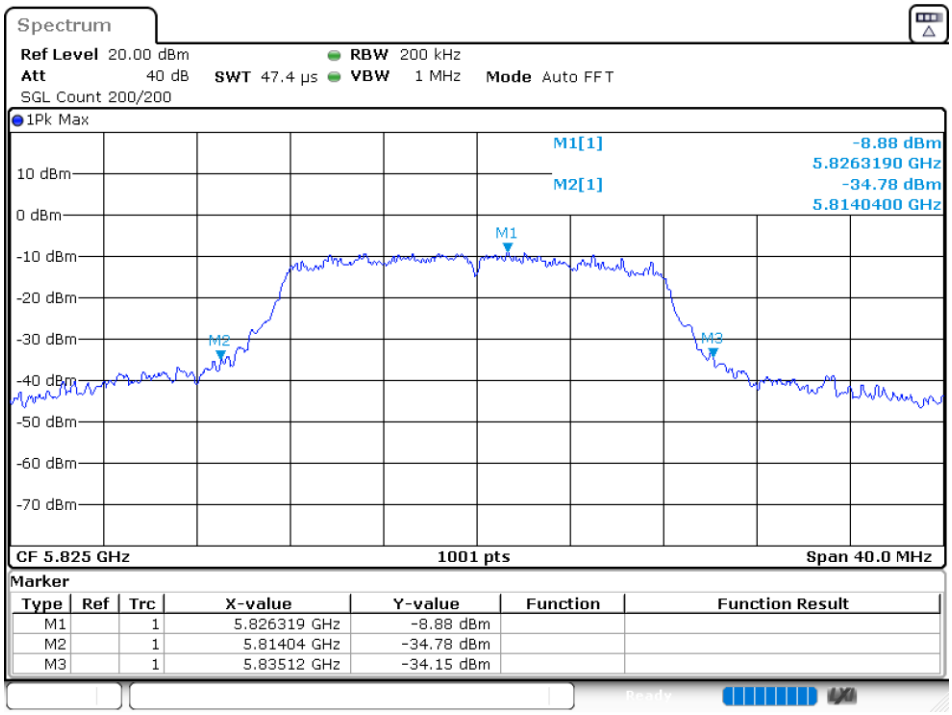
-26 dB BW NVNT 802.11a 5785MHz Ant 2



OBW NVNT 802.11a 5825MHz Ant 2



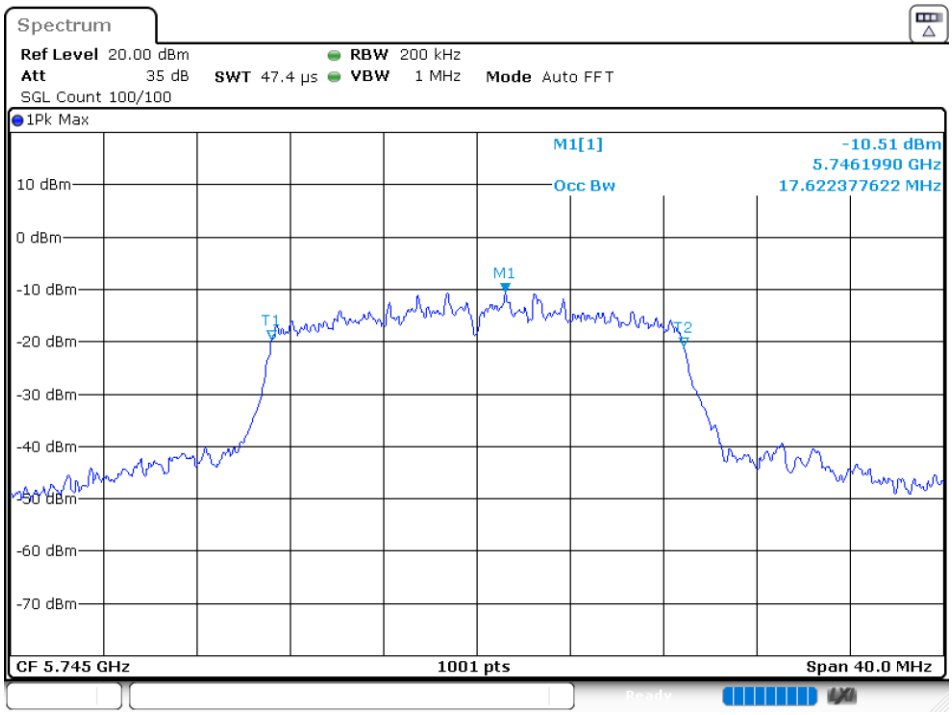
-26 dB BW NVNT 802.11a 5825MHz Ant 2



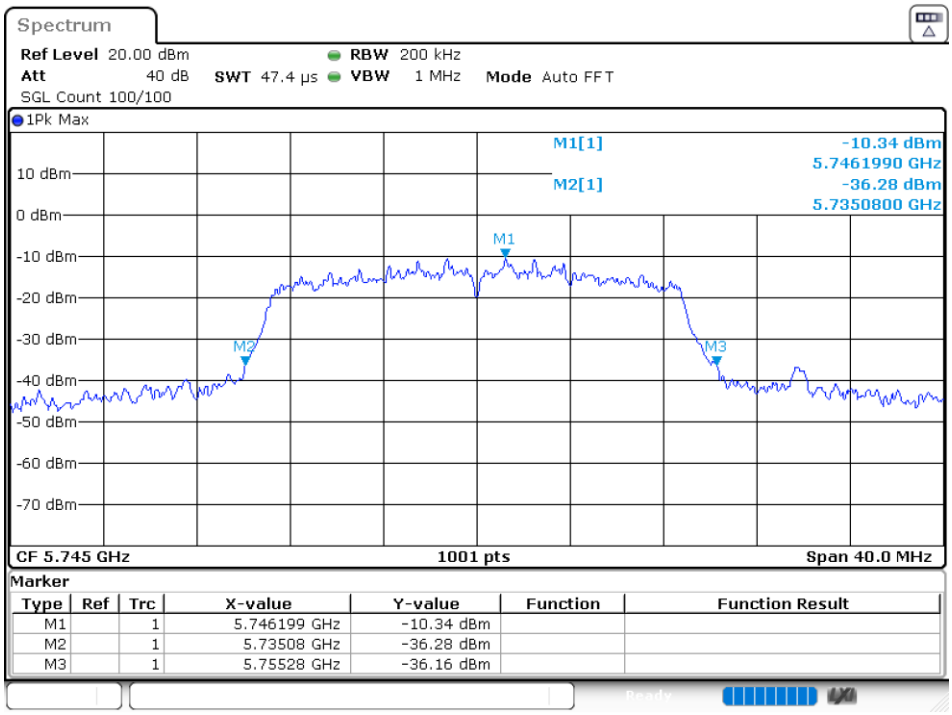
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.826319 GHz	-8.88 dBm		
M2		1	5.81404 GHz	-34.78 dBm		
M3		1	5.83512 GHz	-34.15 dBm		

OBW NVNT 802.11ac20 5745MHz Ant 1



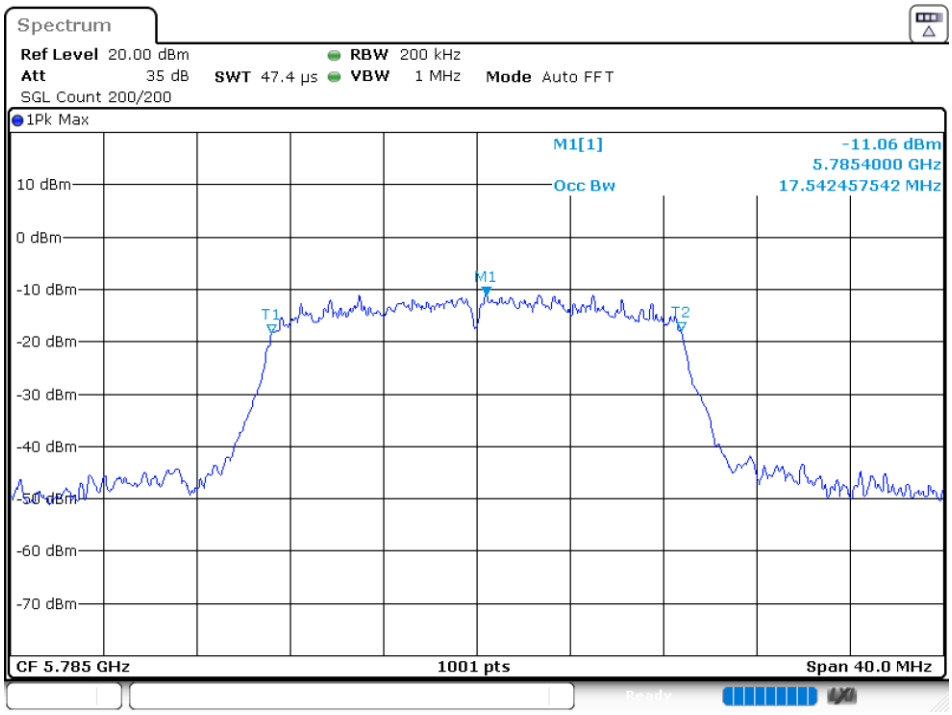
-26 dB BW NVNT 802.11ac20 5745MHz Ant 1



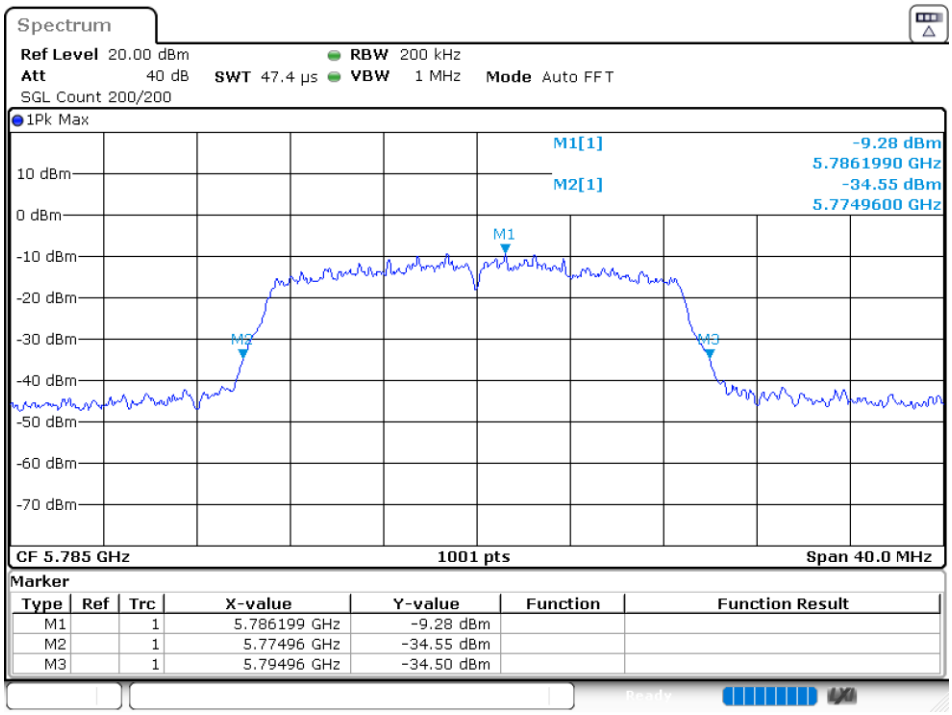
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.746199 GHz	-10.34 dBm		
M2		1	5.73508 GHz	-36.28 dBm		
M3		1	5.75528 GHz	-36.16 dBm		

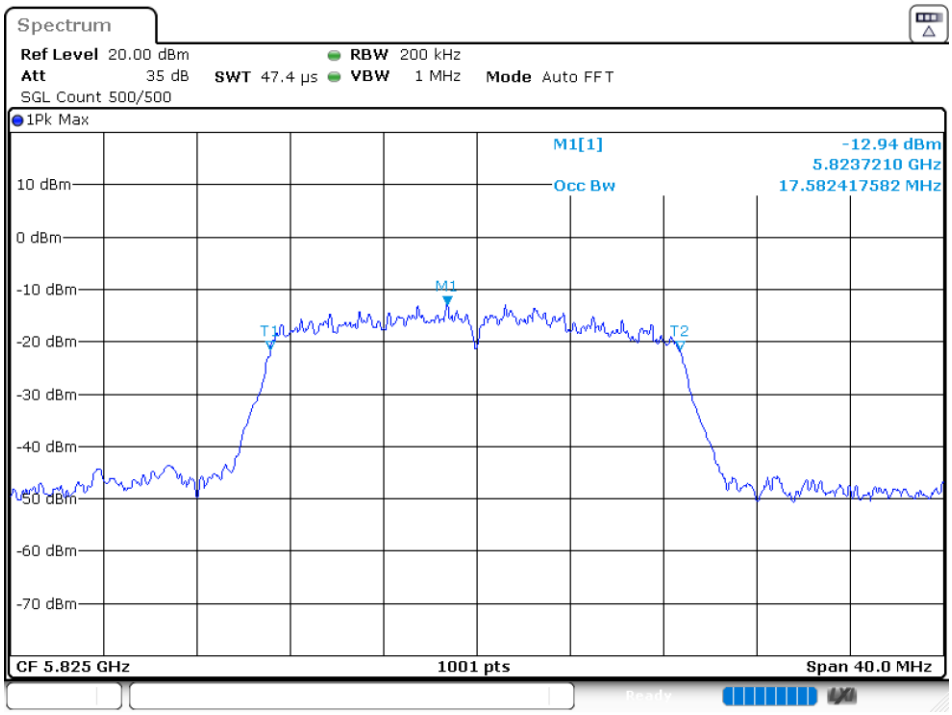
OBW NVNT 802.11ac20 5785MHz Ant 1



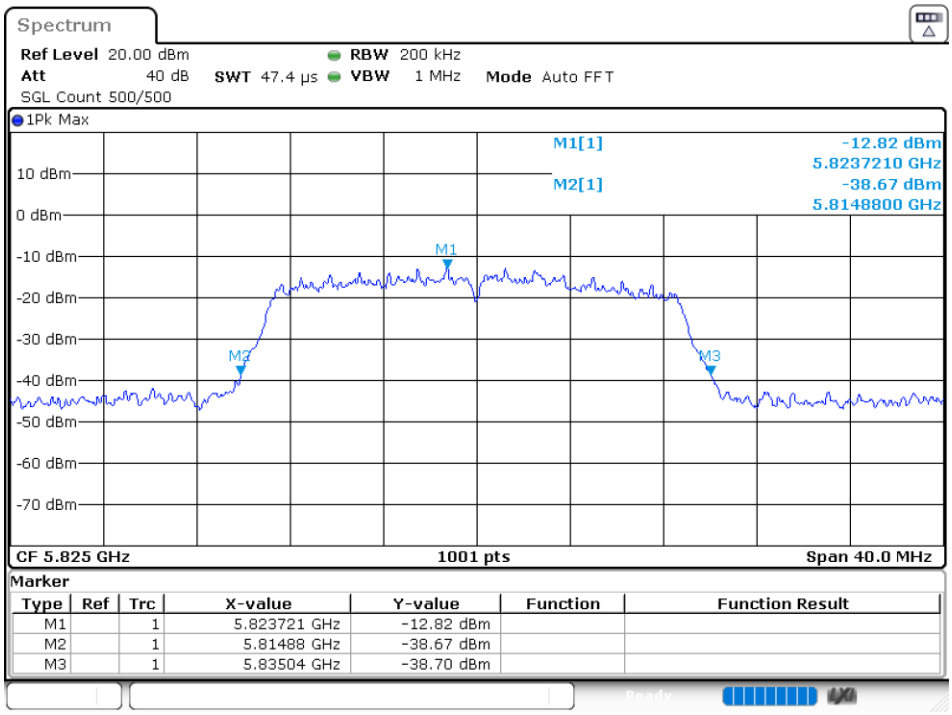
-26 dB BW NVNT 802.11ac20 5785MHz Ant 1



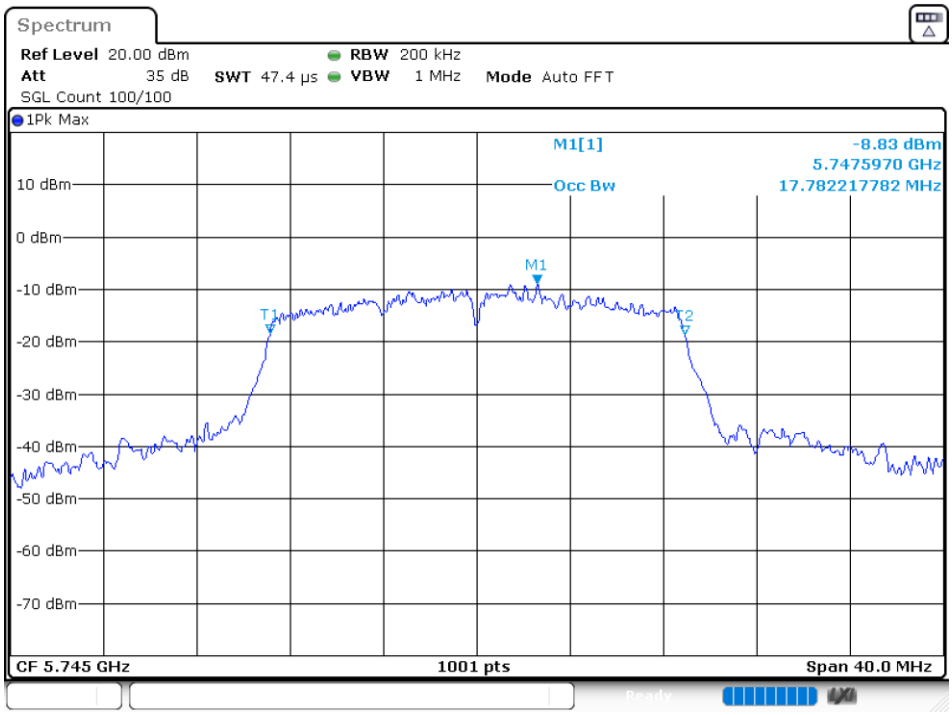
OBW NVNT 802.11ac20 5825MHz Ant 1



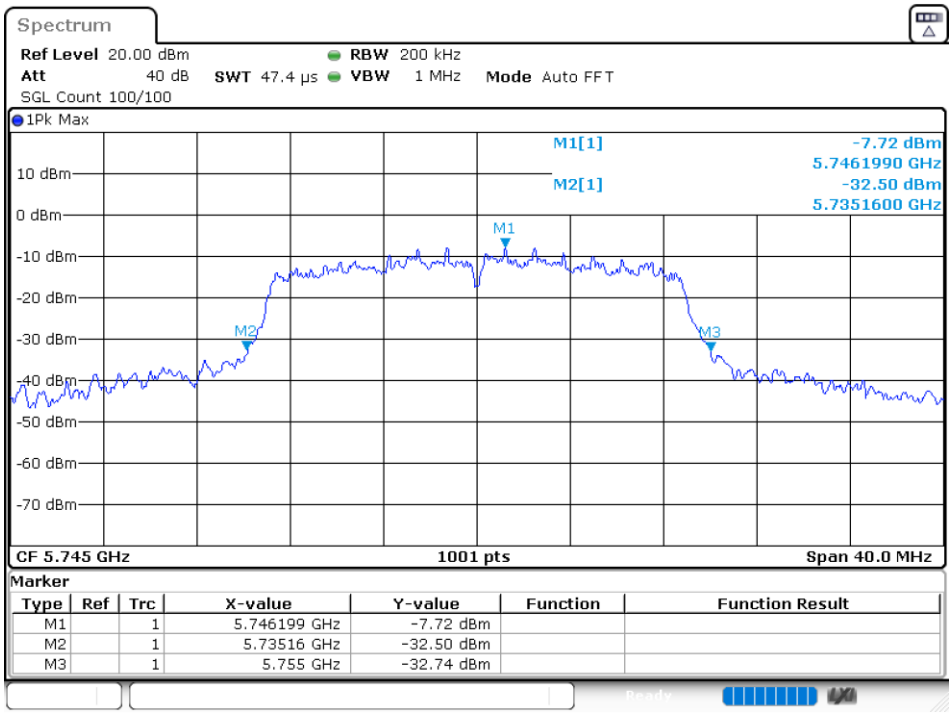
-26 dB BW NVNT 802.11ac20 5825MHz Ant 1



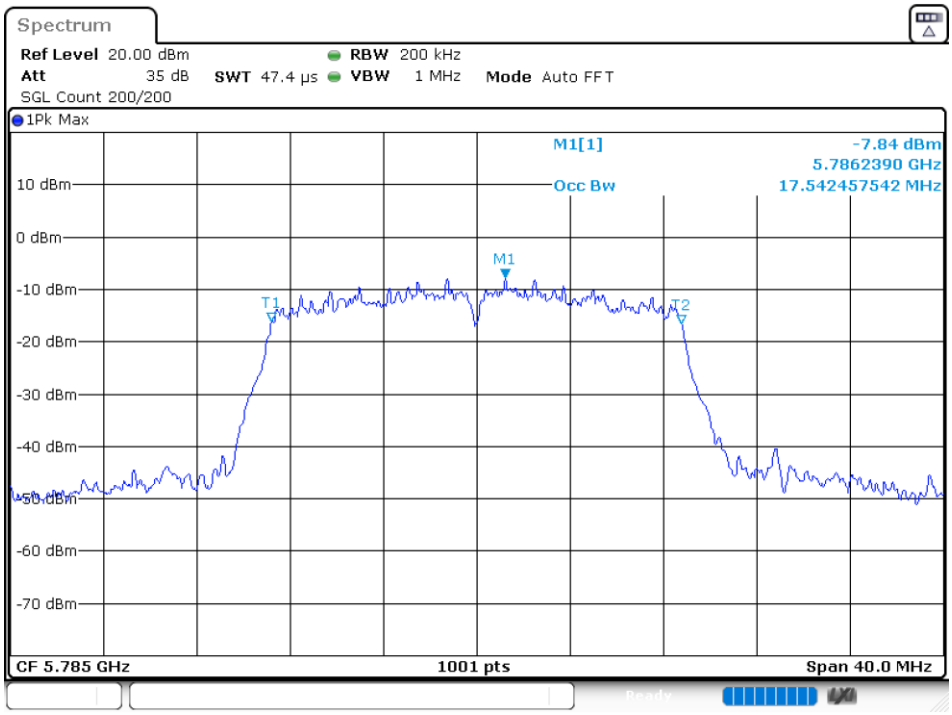
OBW NVNT 802.11ac20 5745MHz Ant 2



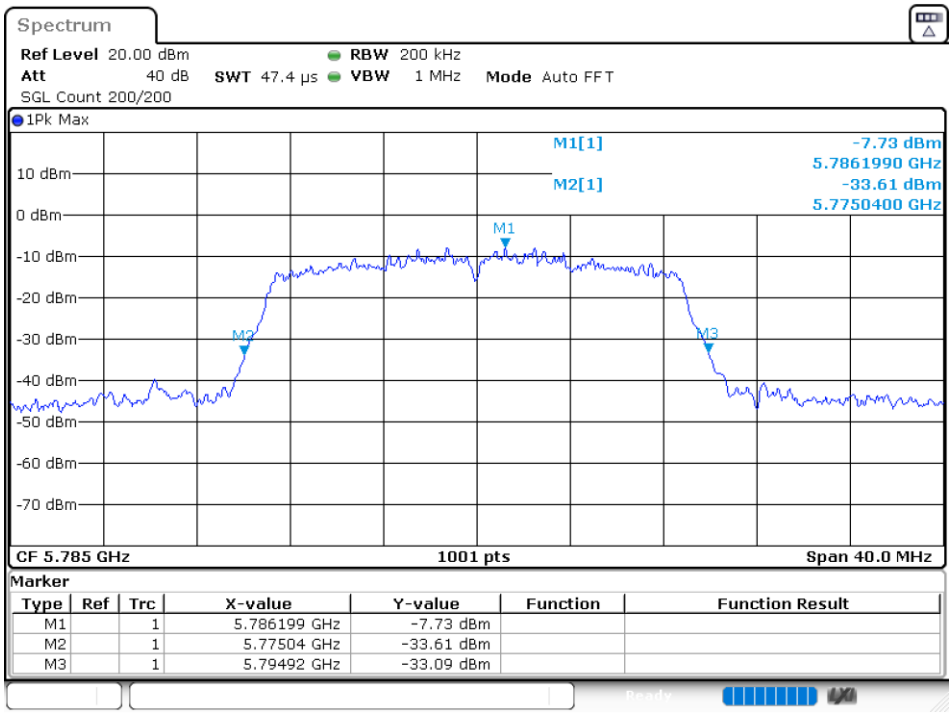
-26 dB BW NVNT 802.11ac20 5745MHz Ant 2



OBW NVNT 802.11ac20 5785MHz Ant 2



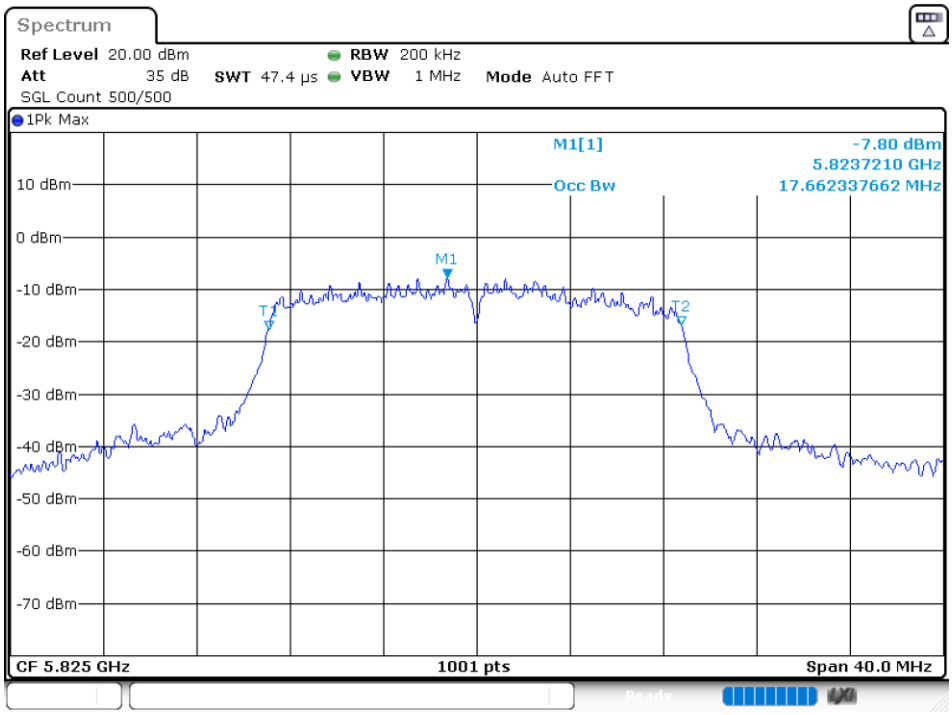
-26 dB BW NVNT 802.11ac20 5785MHz Ant 2



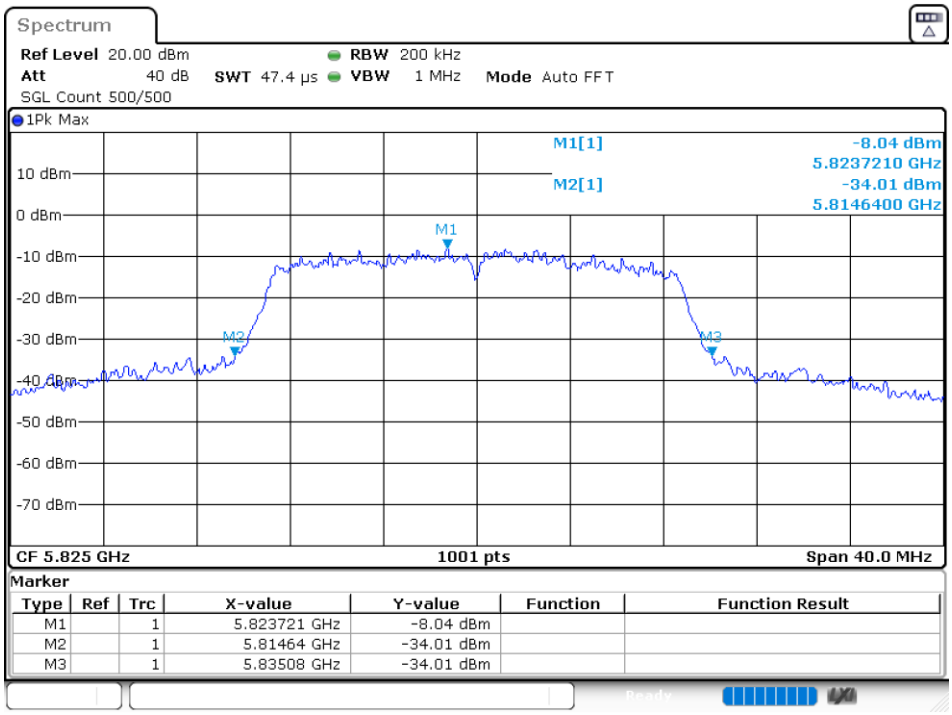
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.786199 GHz	-7.73 dBm		
M2		1	5.77504 GHz	-33.61 dBm		
M3		1	5.79492 GHz	-33.09 dBm		

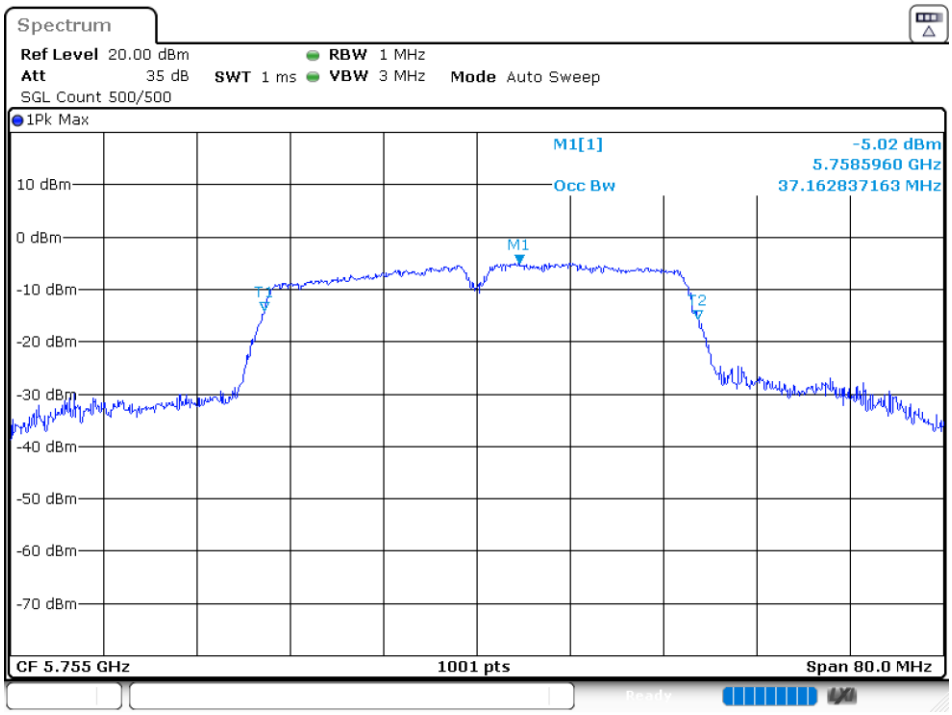
OBW NVNT 802.11ac20 5825MHz Ant 2



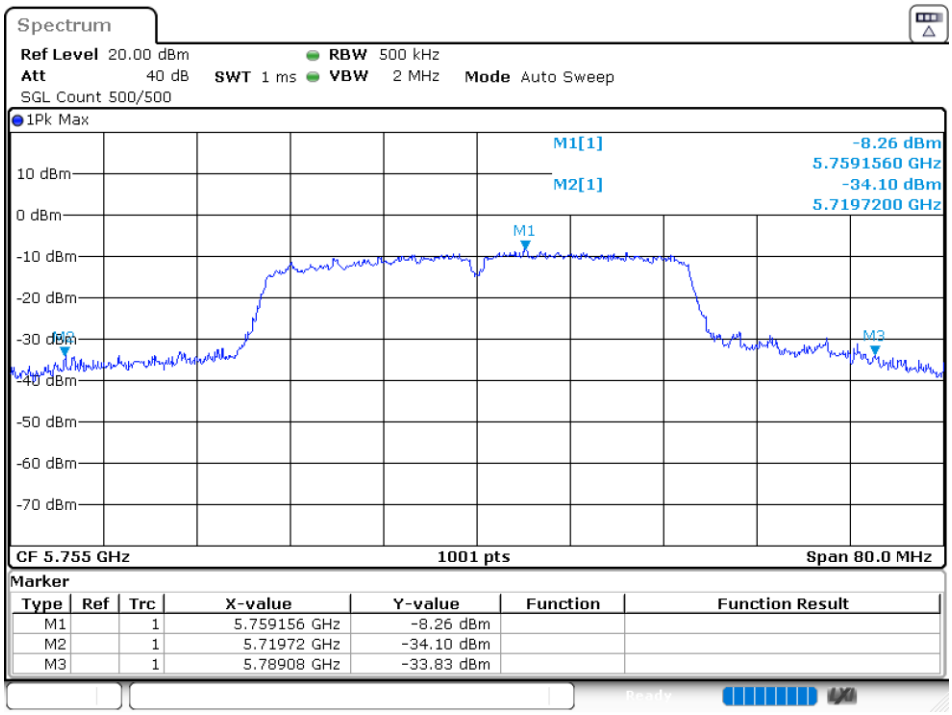
-26 dB BW NVNT 802.11ac20 5825MHz Ant 2



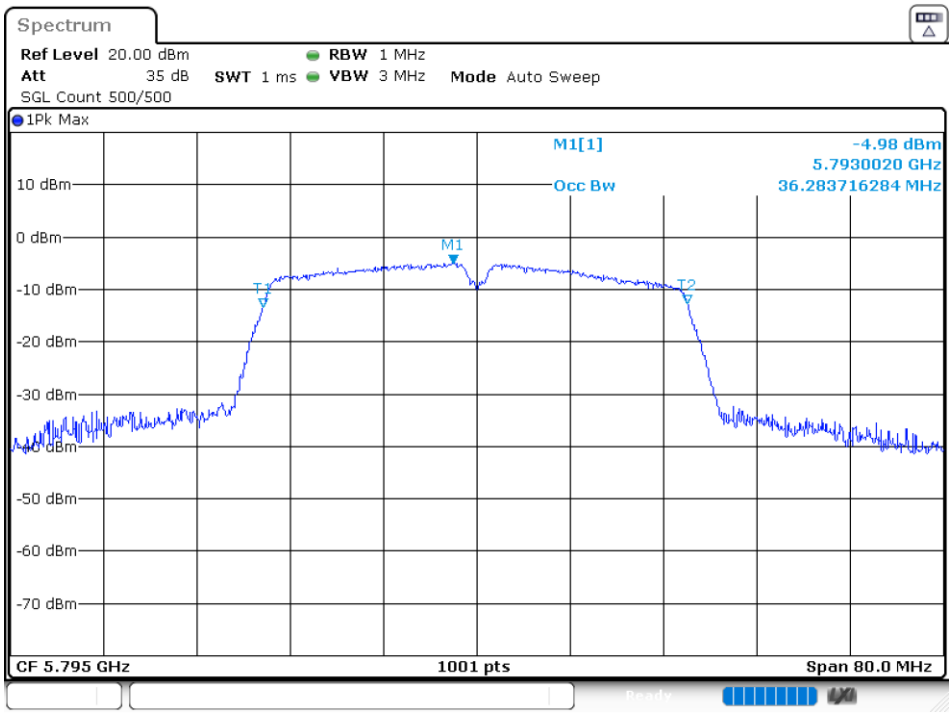
OBW NVNT 802.11ac40 5755MHz Ant 1



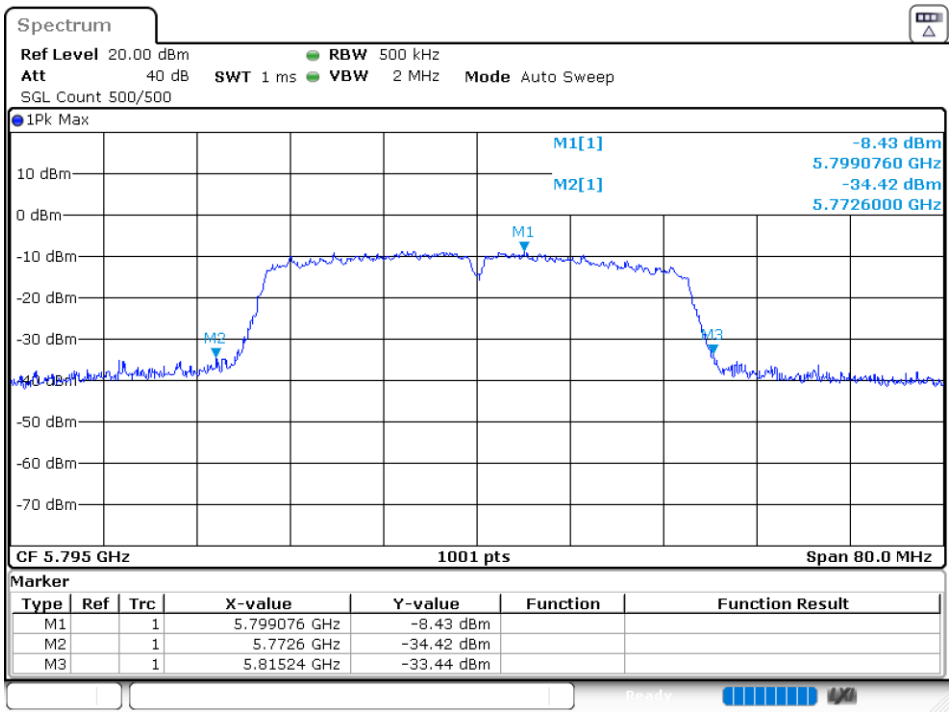
-26 dB BW NVNT 802.11ac40 5755MHz Ant 1



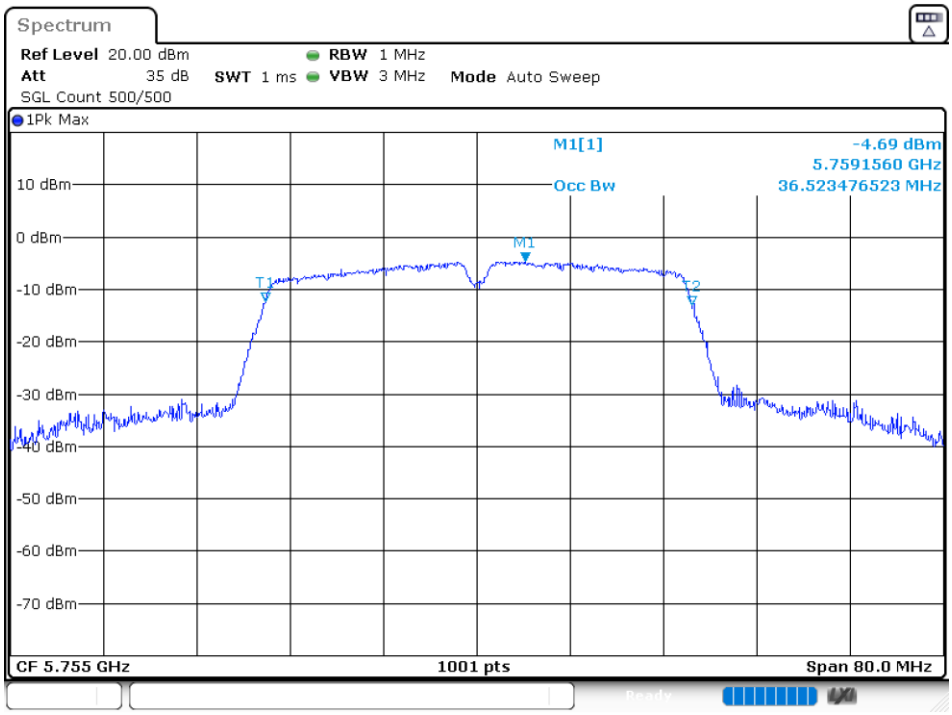
OBW NVNT 802.11ac40 5795MHz Ant 1



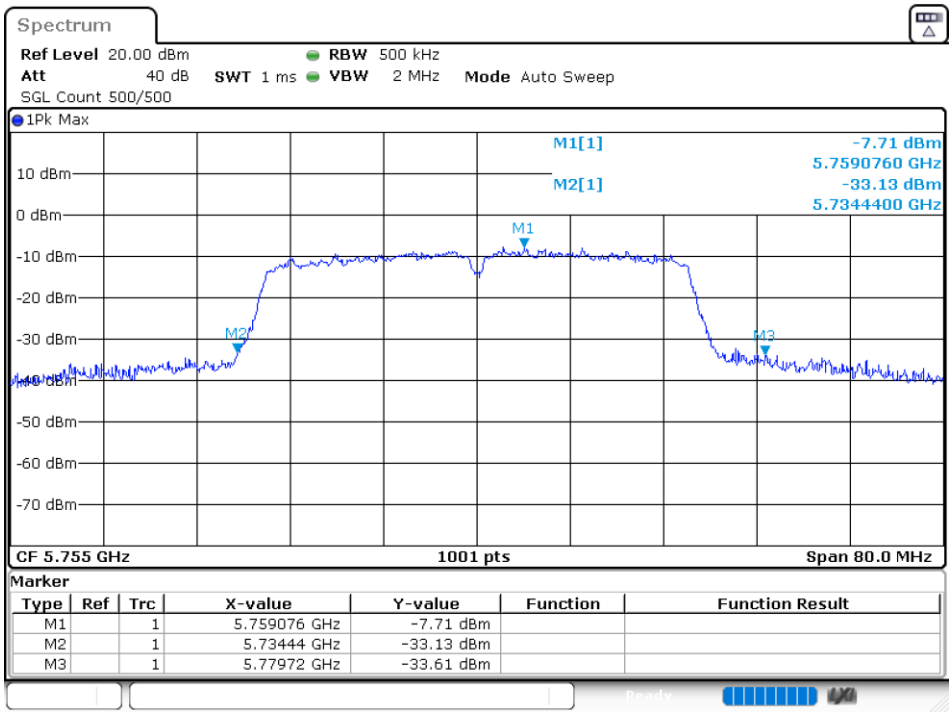
-26 dB BW NVNT 802.11ac40 5795MHz Ant 1



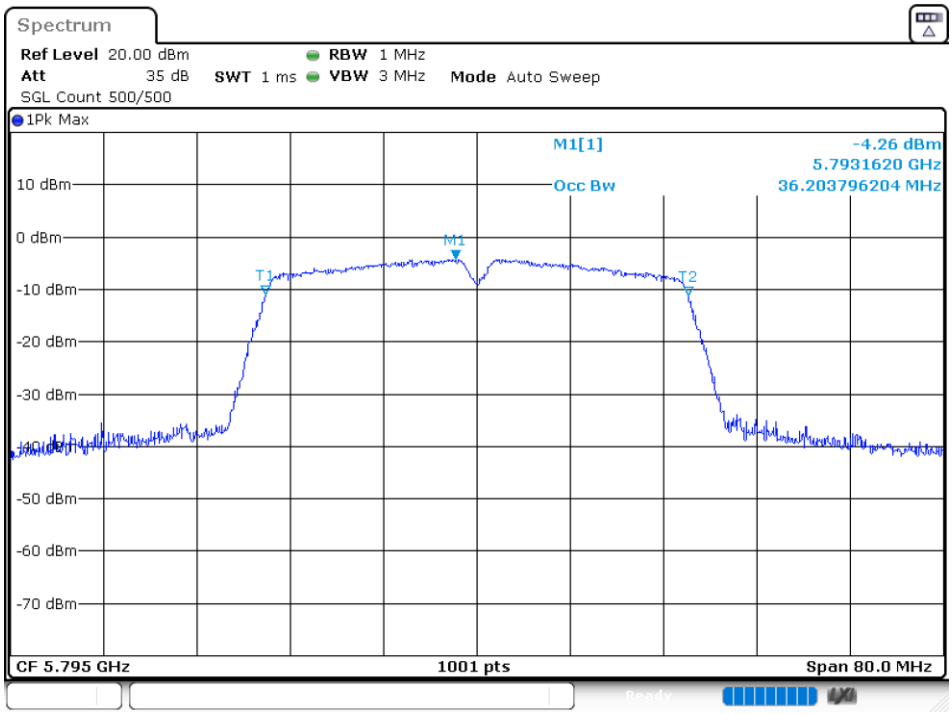
OBW NVNT 802.11ac40 5755MHz Ant 2



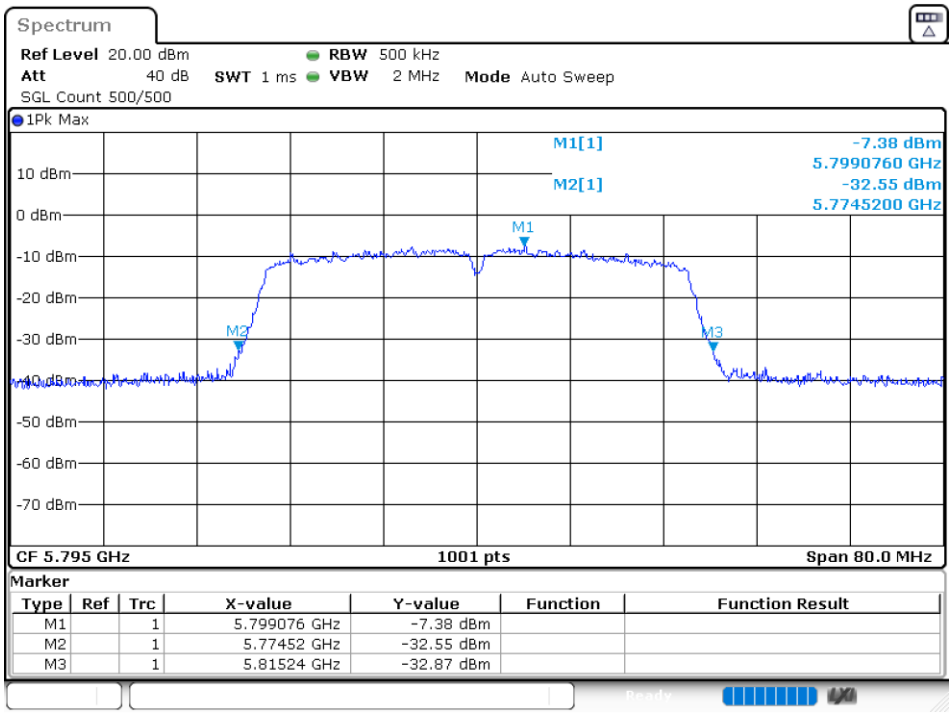
-26 dB BW NVNT 802.11ac40 5755MHz Ant 2



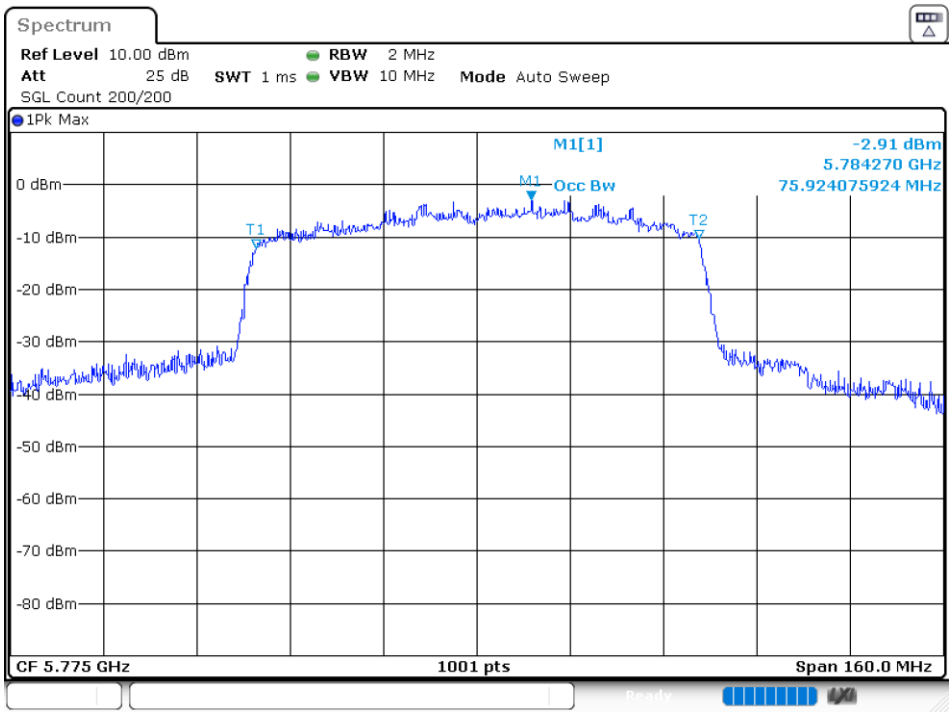
OBW NVNT 802.11ac40 5795MHz Ant 2



-26 dB BW NVNT 802.11ac40 5795MHz Ant 2



OBW NVNT 802.11ac80 5775MHz Ant 1



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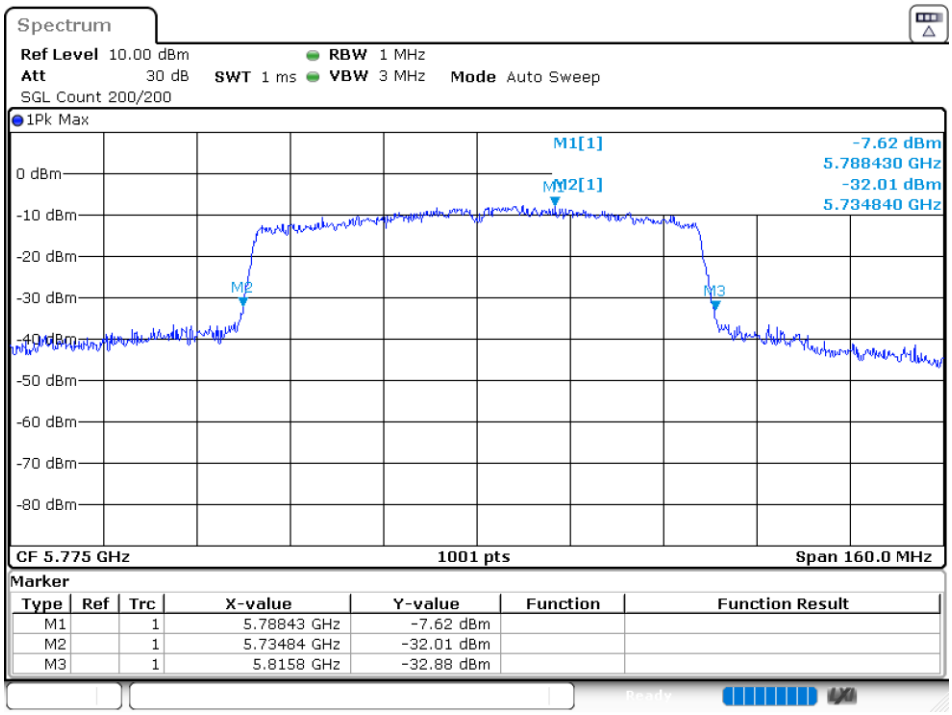
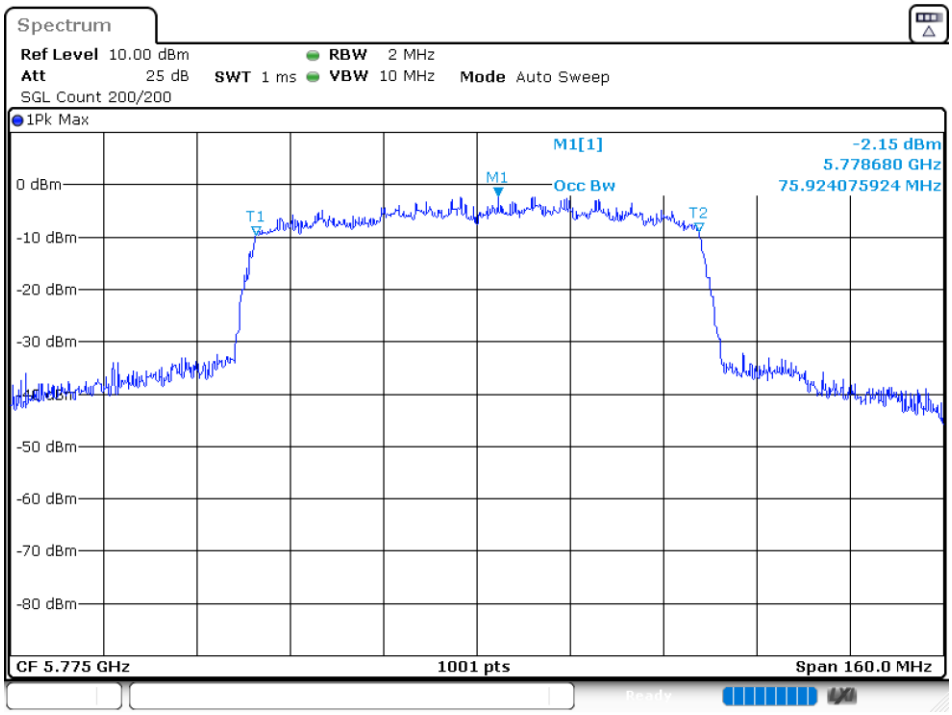
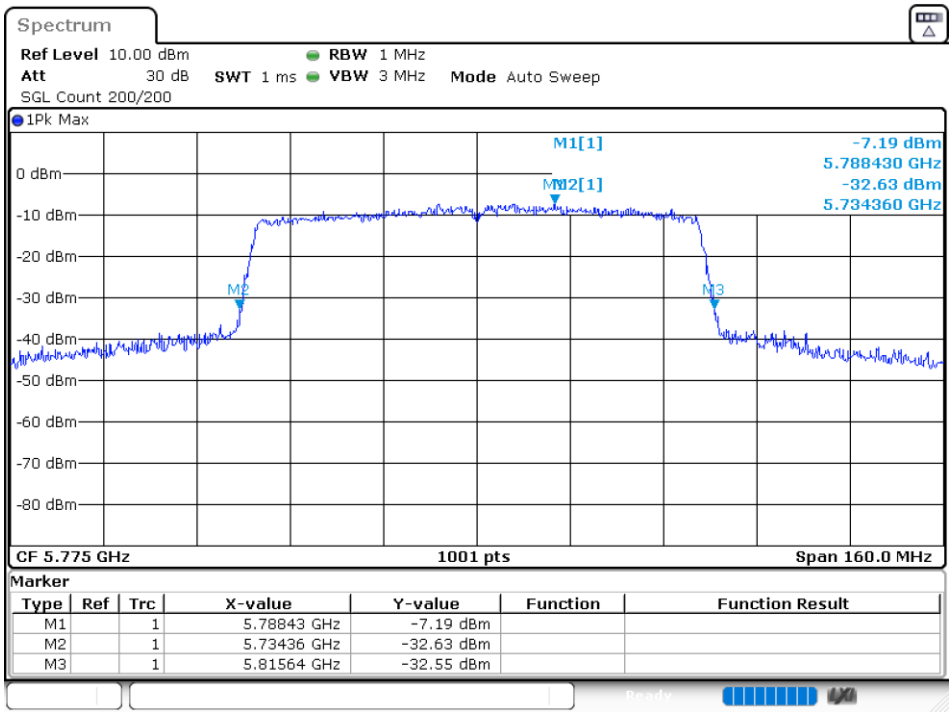


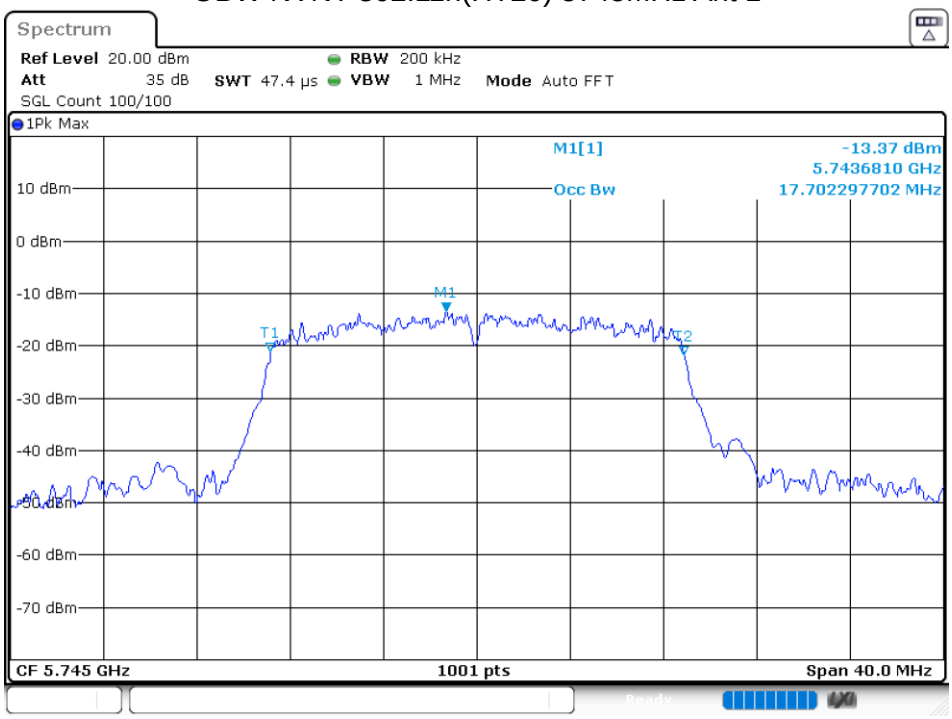
OBW NVNT 802.11ac80 5775MHz Ant 2



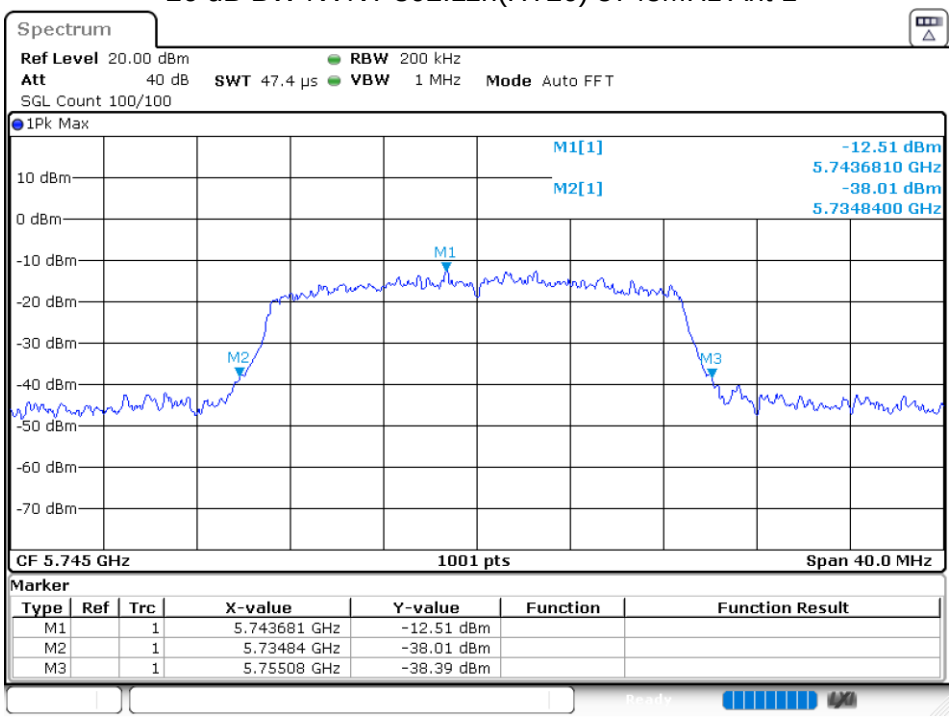
-26 dB BW NVNT 802.11ac80 5775MHz Ant 2



OBW NVNT 802.11n(HT20) 5745MHz Ant 1



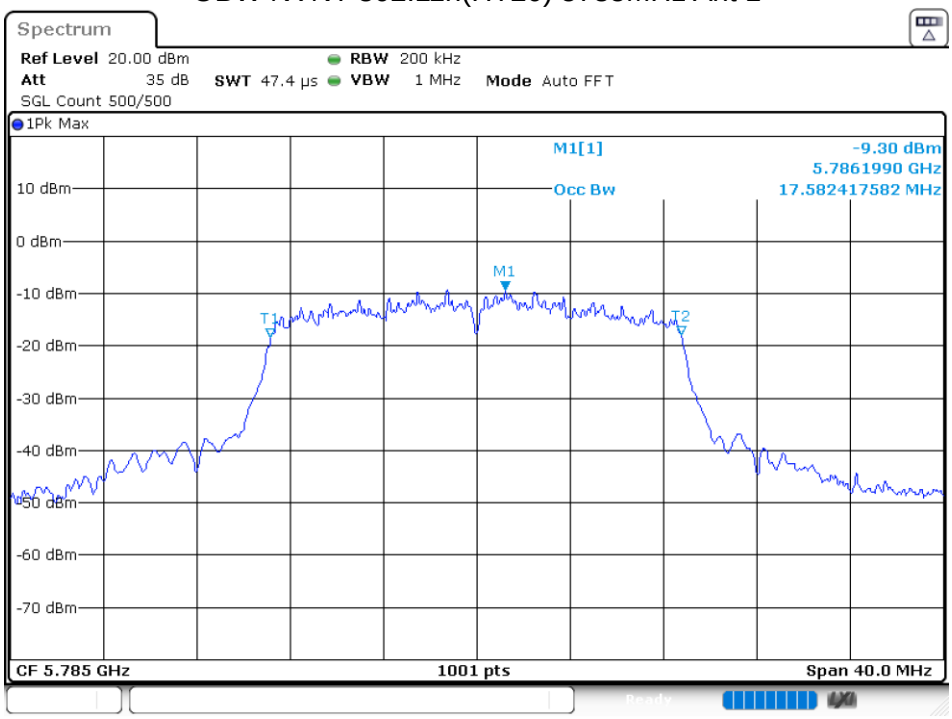
-26 dB BW NVNT 802.11n(HT20) 5745MHz Ant 1



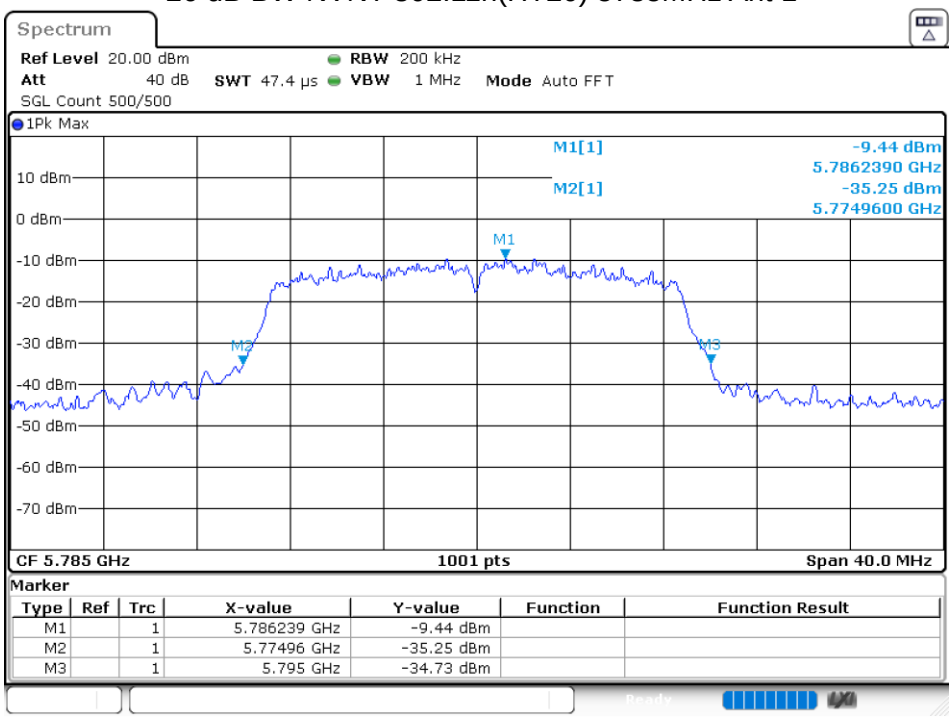
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.743681 GHz	-12.51 dBm		
M2		1	5.73484 GHz	-38.01 dBm		
M3		1	5.75508 GHz	-38.39 dBm		

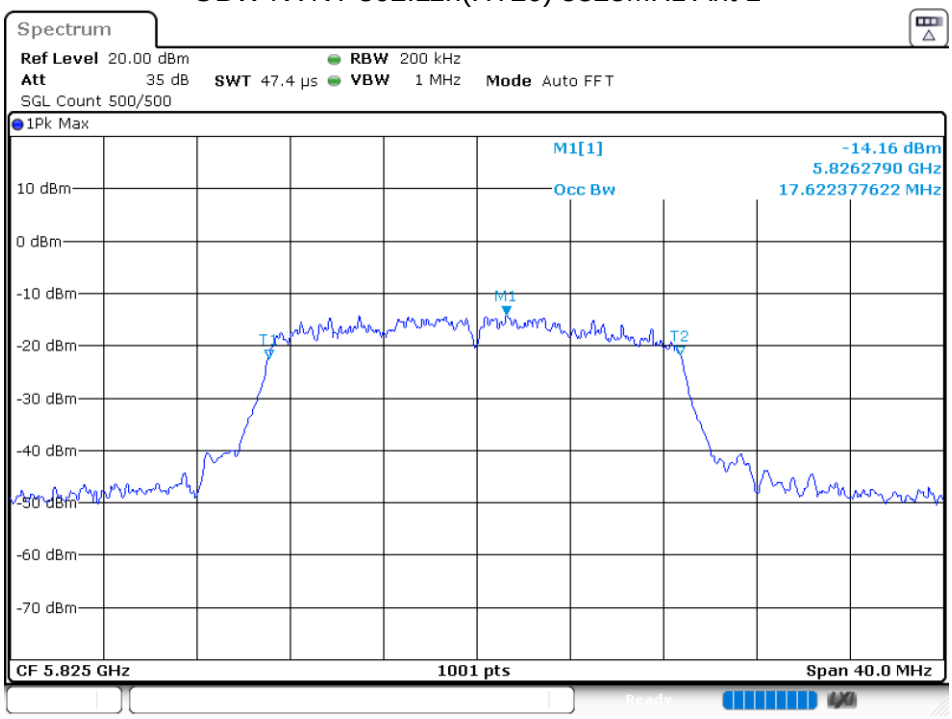
OBW NVNT 802.11n(HT20) 5785MHz Ant 1



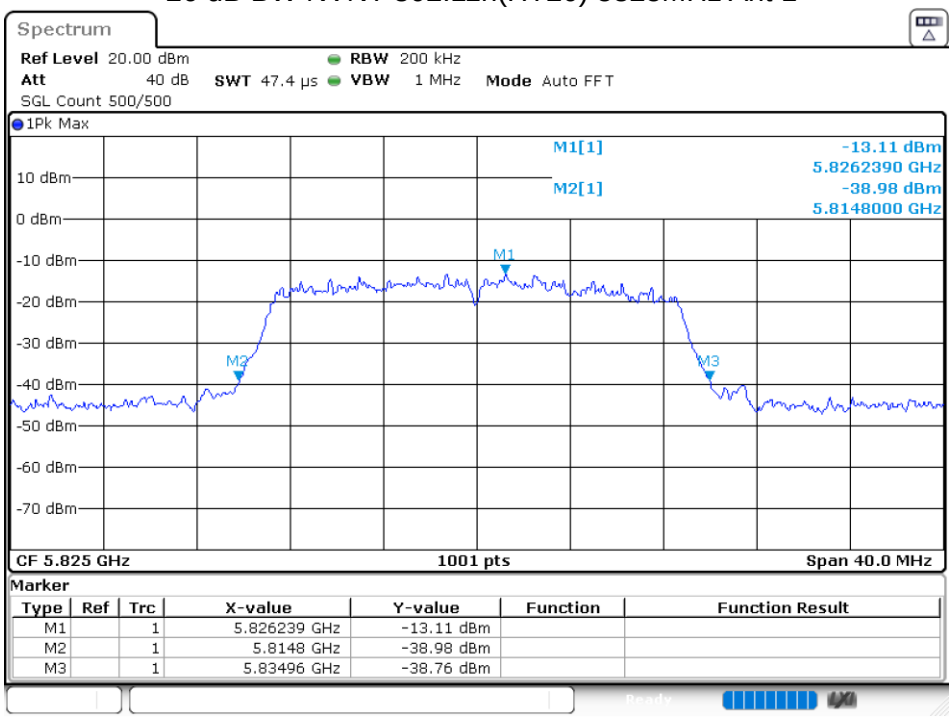
-26 dB BW NVNT 802.11n(HT20) 5785MHz Ant 1



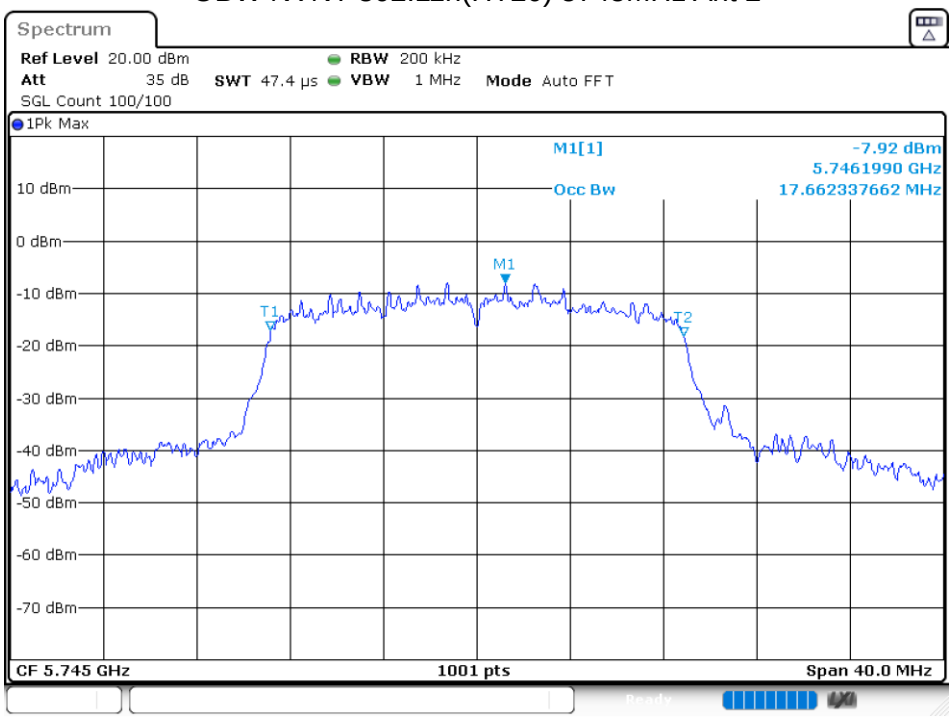
OBW NVNT 802.11n(HT20) 5825MHz Ant 1



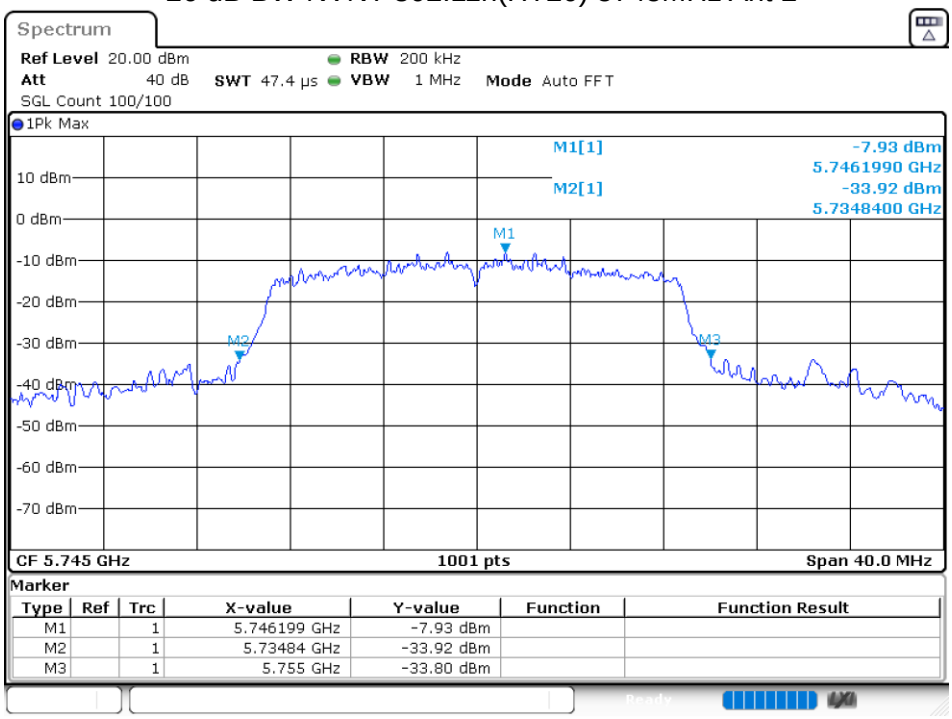
-26 dB BW NVNT 802.11n(HT20) 5825MHz Ant 1



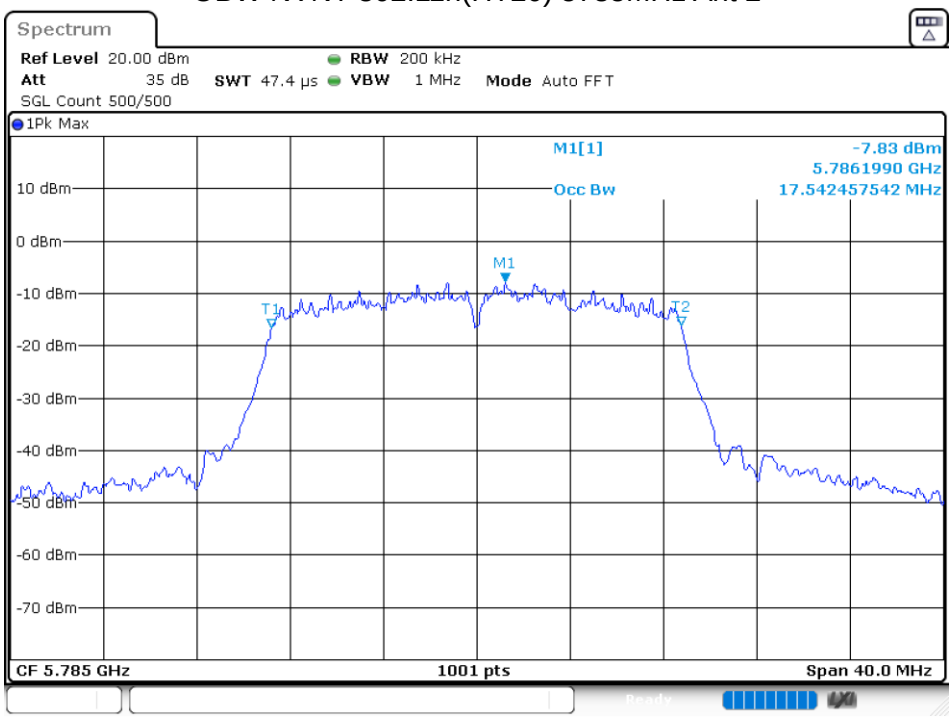
OBW NVNT 802.11n(HT20) 5745MHz Ant 2



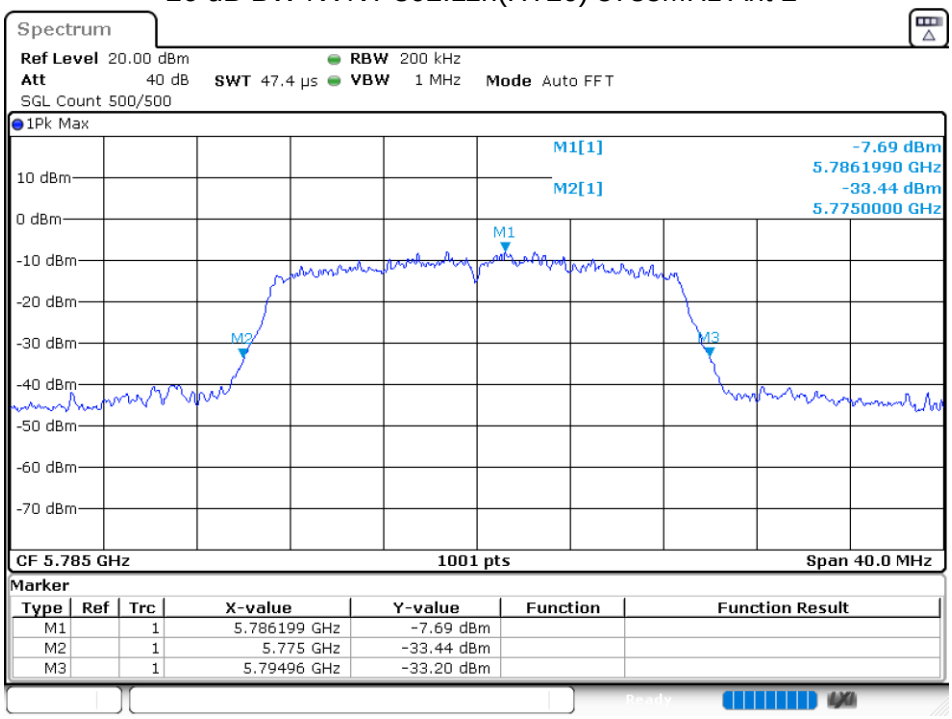
-26 dB BW NVNT 802.11n(HT20) 5745MHz Ant 2



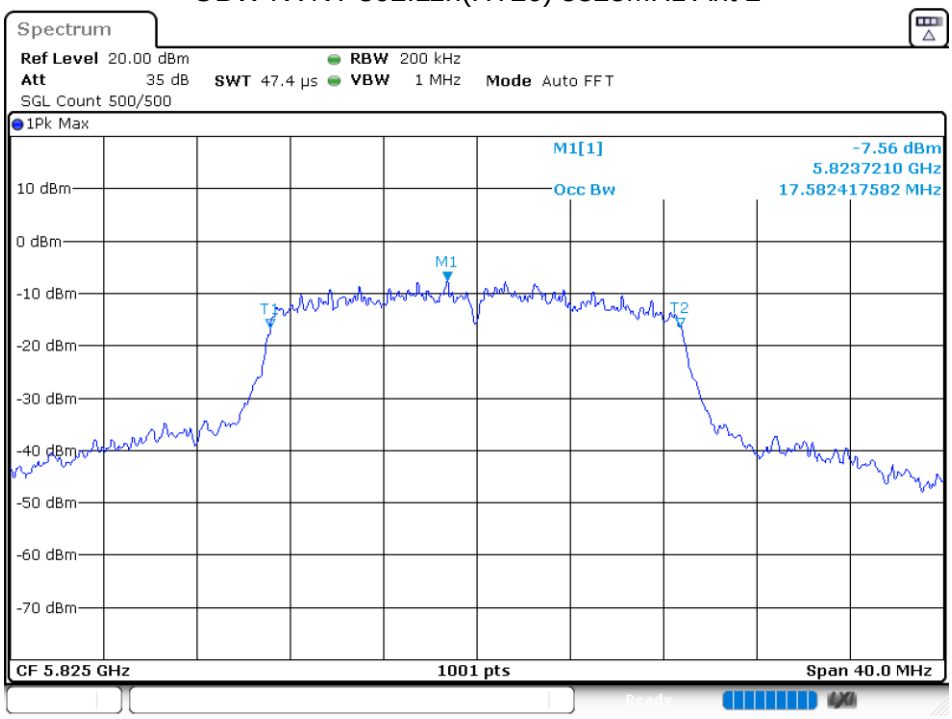
OBW NVNT 802.11n(HT20) 5785MHz Ant 2



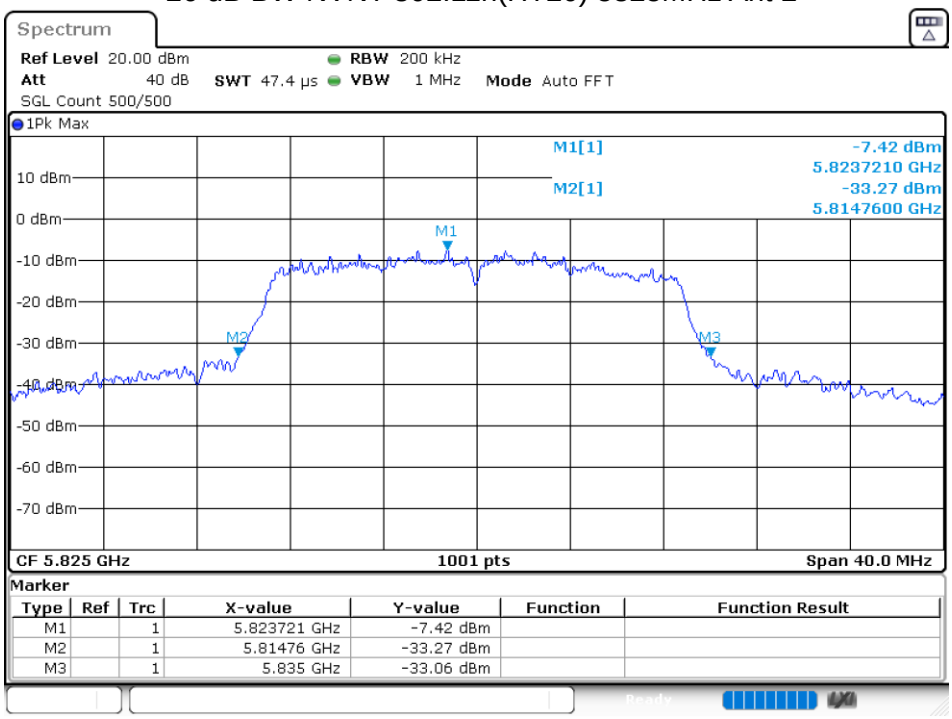
-26 dB BW NVNT 802.11n(HT20) 5785MHz Ant 2



OBW NVNT 802.11n(HT20) 5825MHz Ant 2



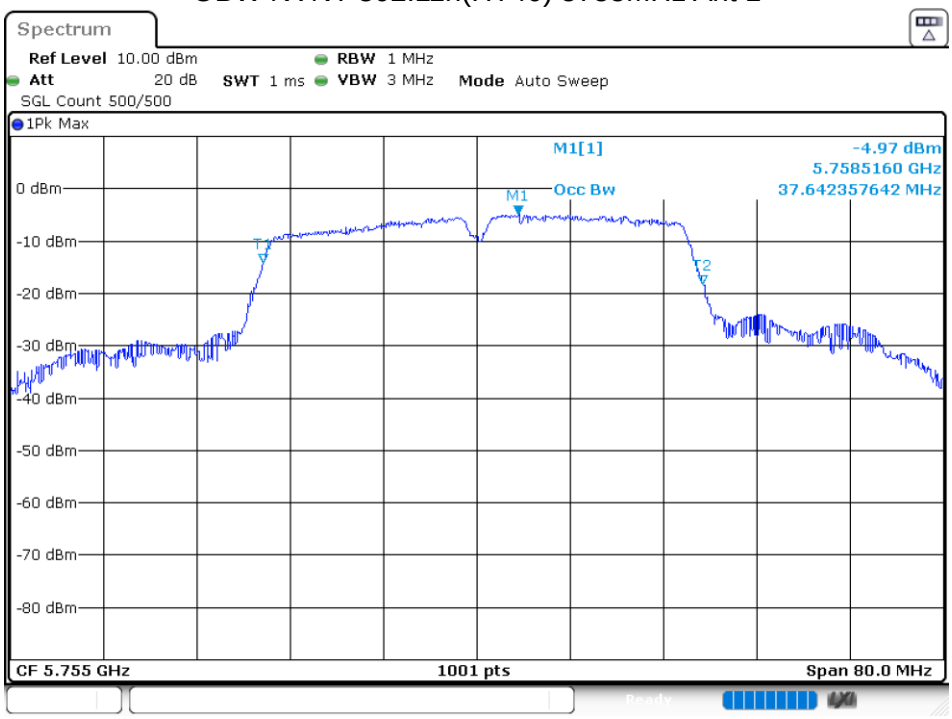
-26 dB BW NVNT 802.11n(HT20) 5825MHz Ant 2



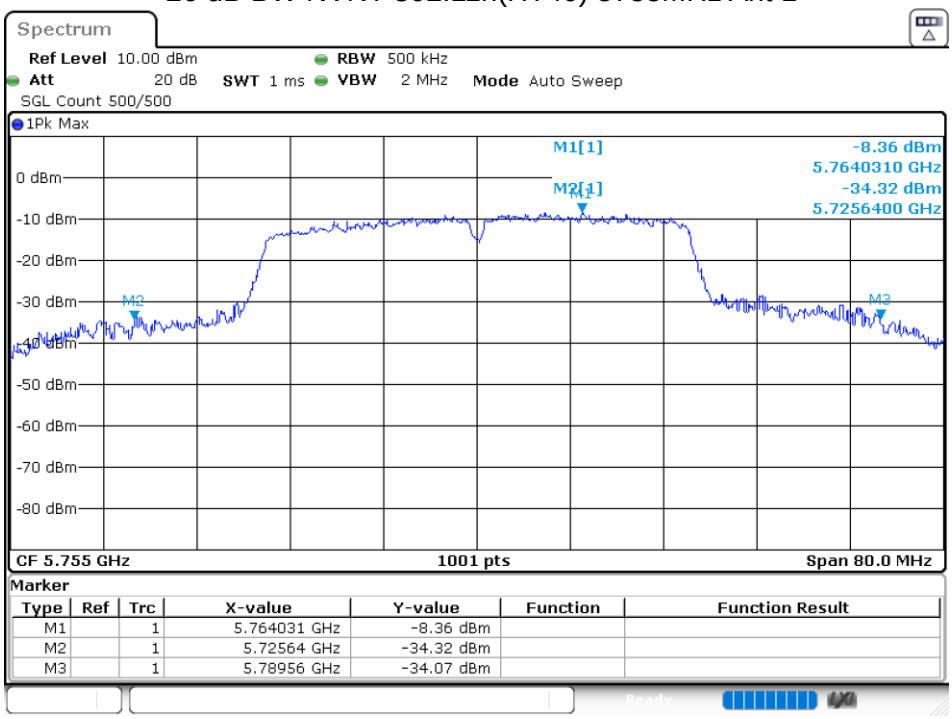
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.823721 GHz	-7.42 dBm		
M2		1	5.81476 GHz	-33.27 dBm		
M3		1	5.835 GHz	-33.06 dBm		

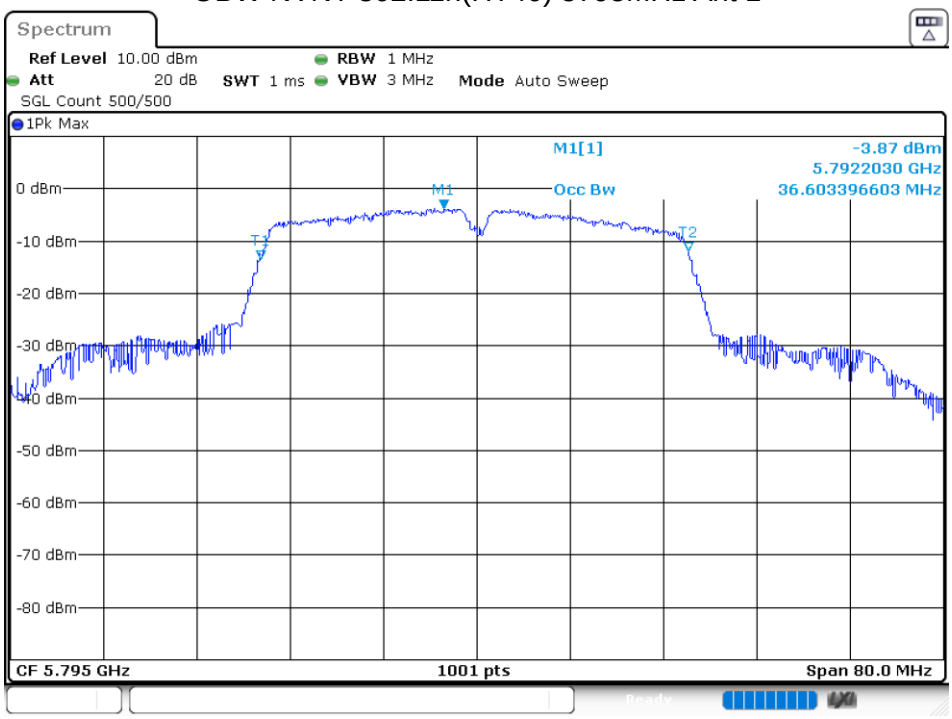
OBW NVNT 802.11n(HT40) 5755MHz Ant 1



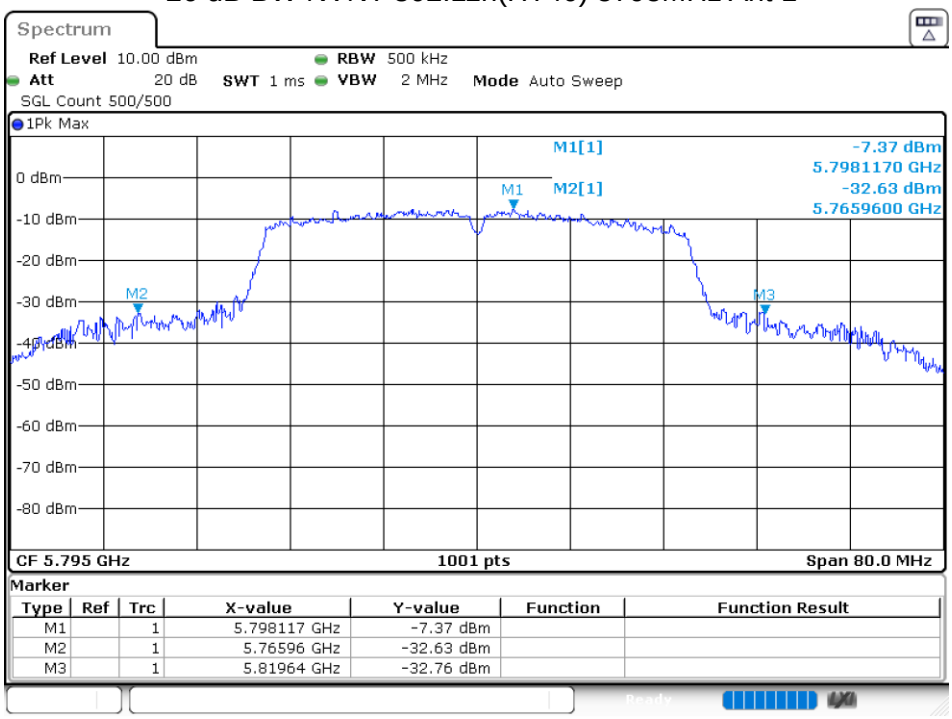
-26 dB BW NVNT 802.11n(HT40) 5755MHz Ant 1



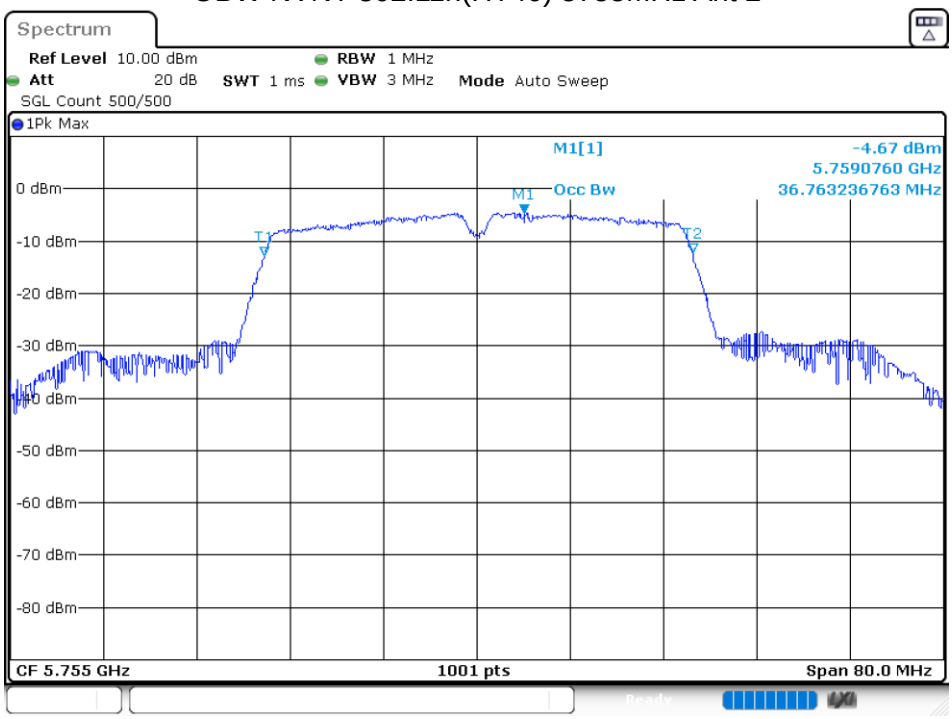
OBW NVNT 802.11n(HT40) 5795MHz Ant 1



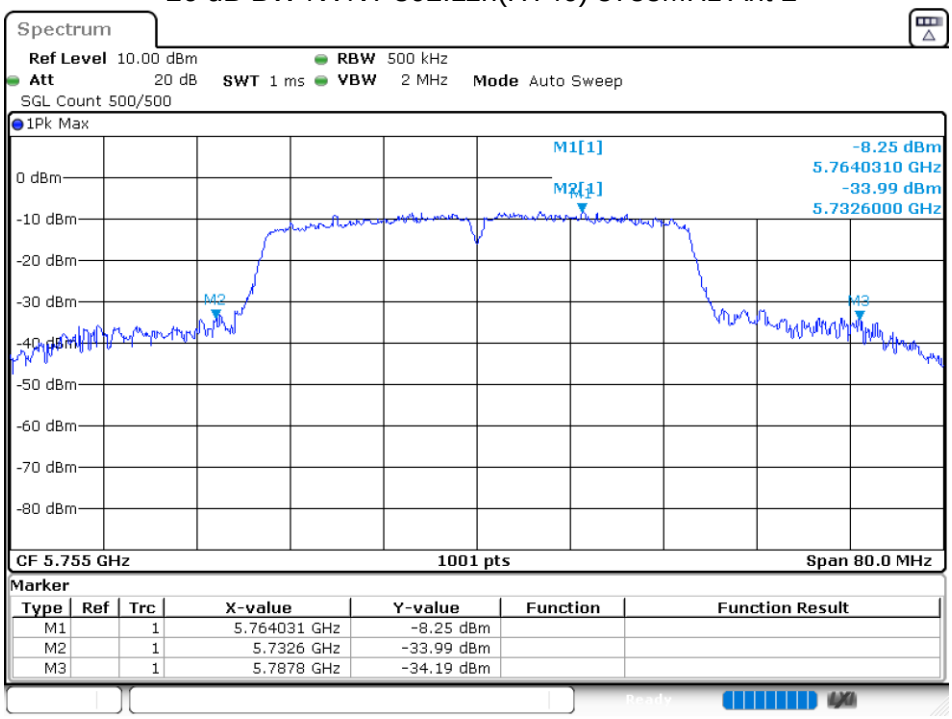
-26 dB BW NVNT 802.11n(HT40) 5795MHz Ant 1



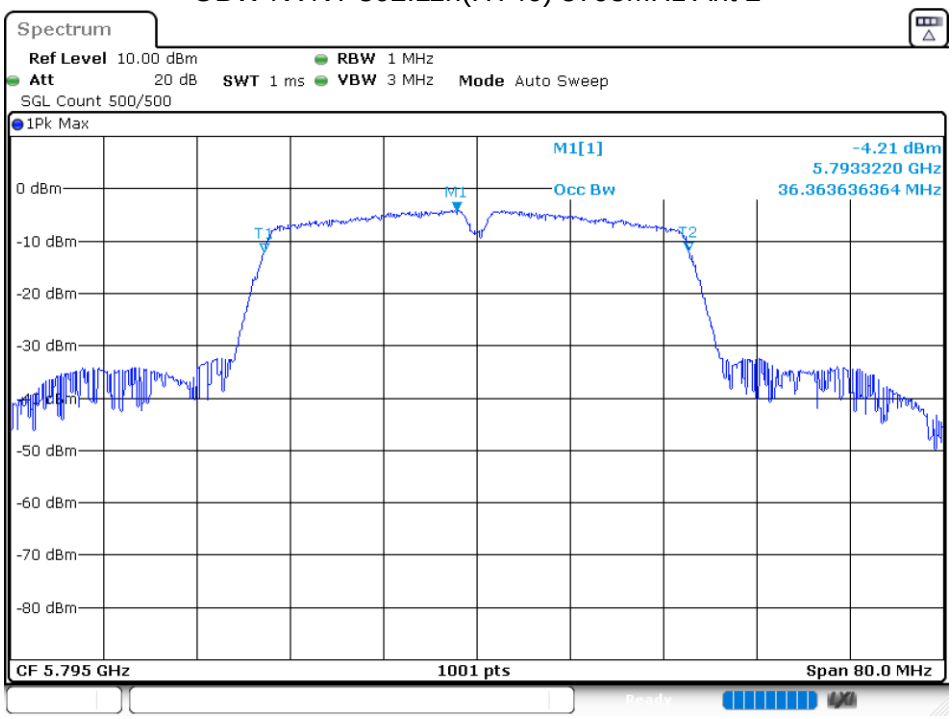
OBW NVNT 802.11n(HT40) 5755MHz Ant 2



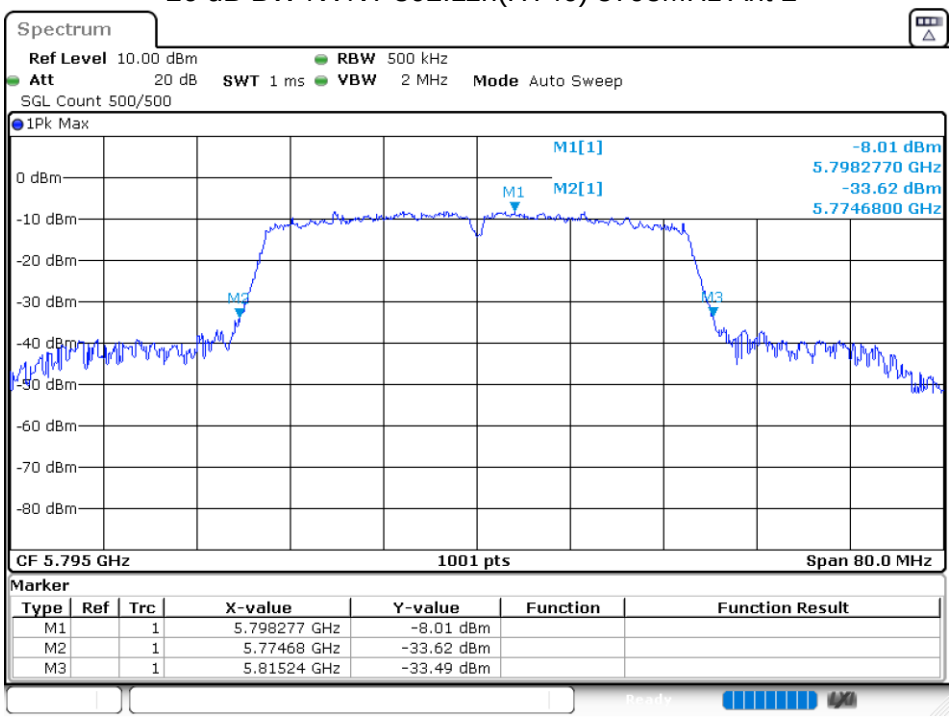
-26 dB BW NVNT 802.11n(HT40) 5755MHz Ant 2



OBW NVNT 802.11n(HT40) 5795MHz Ant 2



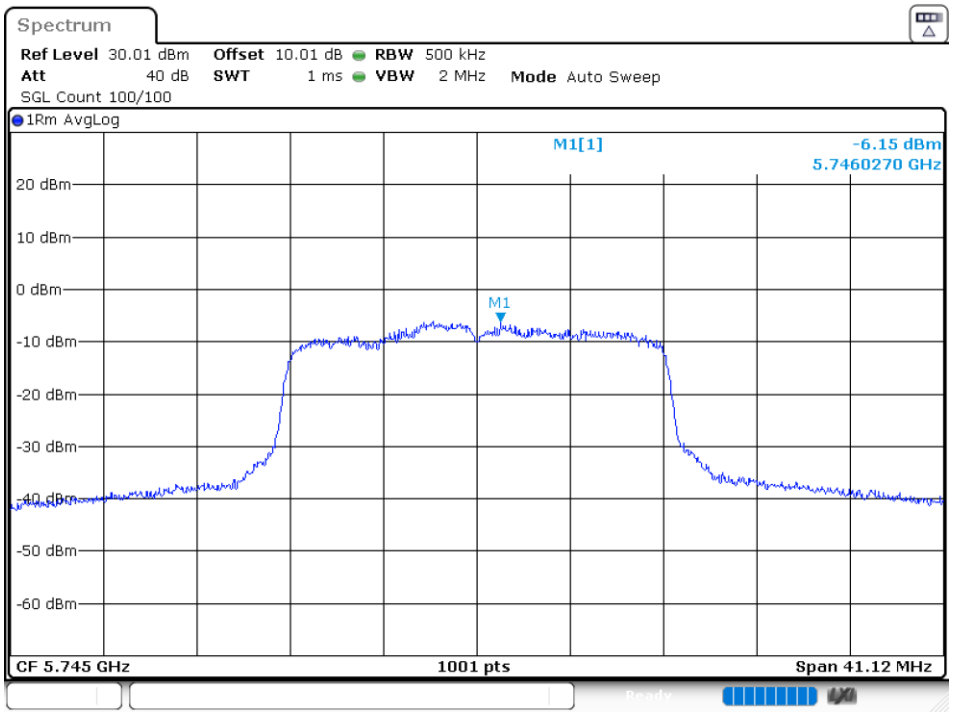
-26 dB BW NVNT 802.11n(HT40) 5795MHz Ant 2



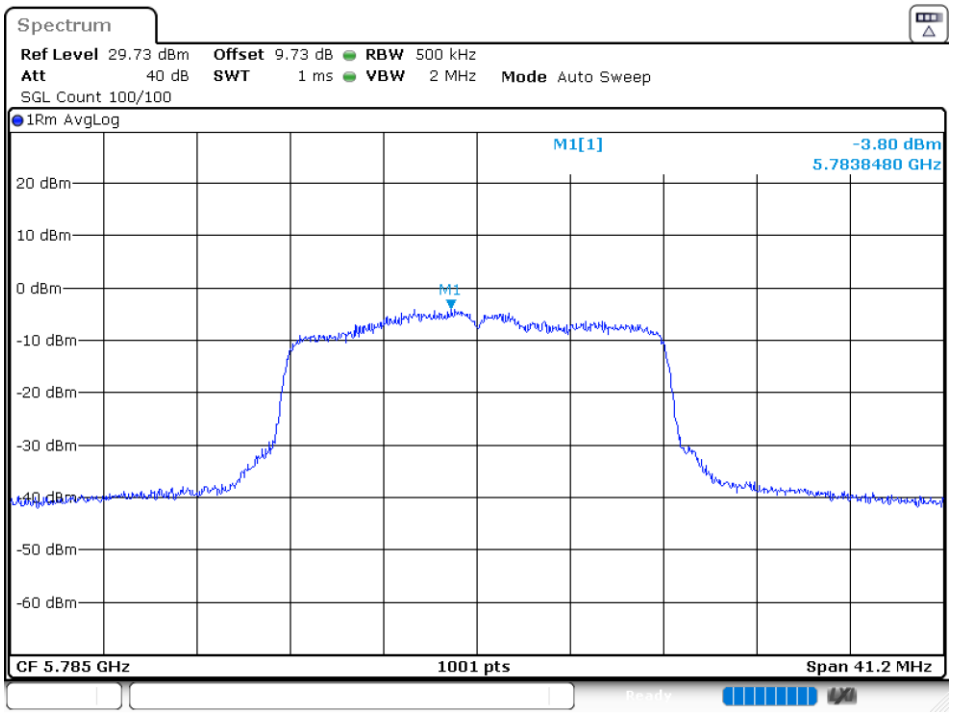
11.5 MAXIMUM POWER SPECTRAL DENSITY LEVEL

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	-6.15	0.17	-5.98	11	Pass
NVNT	802.11a	5785	Ant 1	-3.8	0.17	-3.63	11	Pass
NVNT	802.11a	5825	Ant 1	-7.931	0.17	-7.761	11	Pass
NVNT	802.11a	5745	Ant 2	-2.82	0.17	-2.65	11	Pass
NVNT	802.11a	5785	Ant 2	-3.168	0.17	-2.998	11	Pass
NVNT	802.11a	5825	Ant 2	-3.233	0.17	-3.063	11	Pass
NVNT	802.11ac20	5745	Ant 1	-7.092	0.18	-6.912	11	Pass
NVNT	802.11ac20	5785	Ant 1	-6.466	0.18	-6.286	11	Pass
NVNT	802.11ac20	5825	Ant 1	-10.283	0.18	-10.103	11	Pass
NVNT	802.11ac20	5745	Ant 2	-4.562	0.18	-4.382	11	Pass
NVNT	802.11ac20	5785	Ant 2	-5.092	0.18	-4.912	11	Pass
NVNT	802.11ac20	5825	Ant 2	-4.784	0.18	-4.604	11	Pass
NVNT	802.11ac40	5755	Ant 1	-10.036	0.35	-9.686	11	Pass
NVNT	802.11ac40	5795	Ant 1	-9.855	0.35	-9.505	11	Pass
NVNT	802.11ac40	5755	Ant 2	-10.024	0.35	-9.674	11	Pass
NVNT	802.11ac40	5795	Ant 2	-9.474	0.35	-9.124	11	Pass
NVNT	802.11ac80	5775	Ant 1	-16.644	0.8	-15.844	11	Pass
NVNT	802.11ac80	5775	Ant 2	-16.442	0.68	-15.762	11	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-8.641	0.18	-8.461	11	Pass
NVNT	802.11n(HT20)	5785	Ant 1	-6.506	0.18	-6.326	11	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-9.585	0.18	-9.405	11	Pass
NVNT	802.11n(HT20)	5745	Ant 2	-4.905	0.18	-4.725	11	Pass
NVNT	802.11n(HT20)	5785	Ant 2	-4.893	0.18	-4.713	11	Pass
NVNT	802.11n(HT20)	5825	Ant 2	-4.699	0.18	-4.519	11	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-12.045	0.35	-11.695	11	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-10.752	0.35	-10.402	11	Pass
NVNT	802.11n(HT40)	5755	Ant 2	-10.879	0.35	-10.529	11	Pass
NVNT	802.11n(HT40)	5795	Ant 2	-10.621	0.35	-10.271	11	Pass

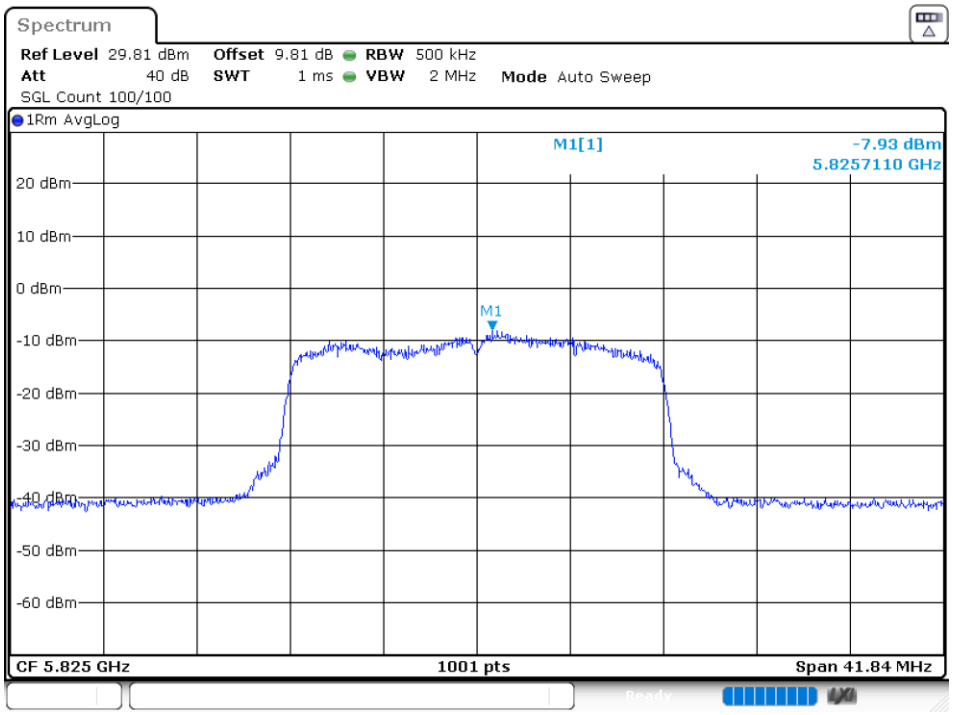
PSD NVNT 802.11a 5745MHz Ant 1



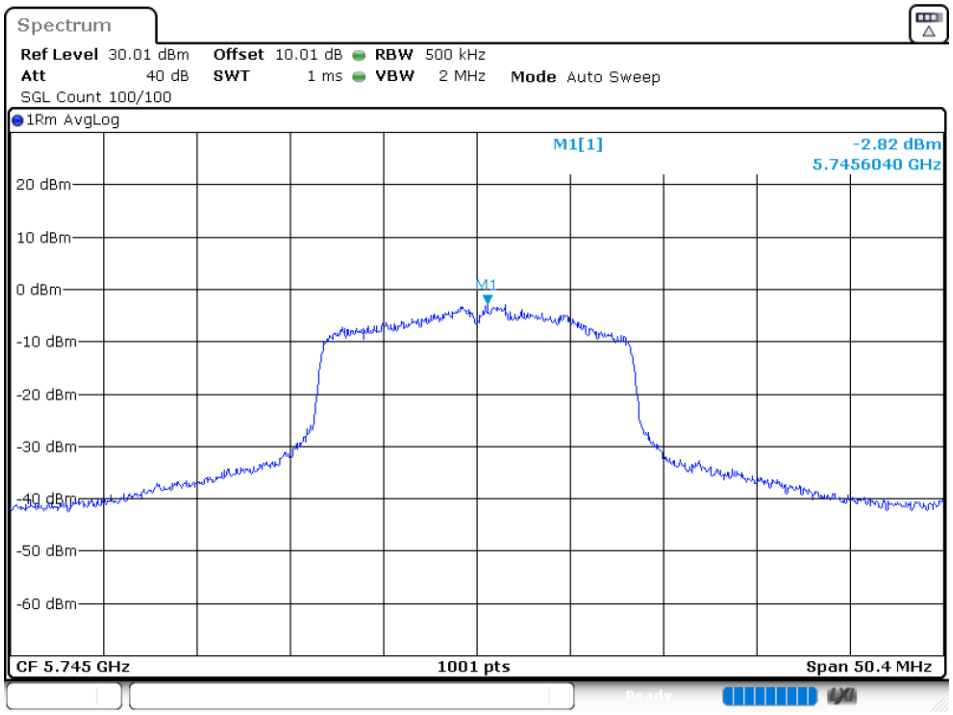
PSD NVNT 802.11a 5785MHz Ant 1



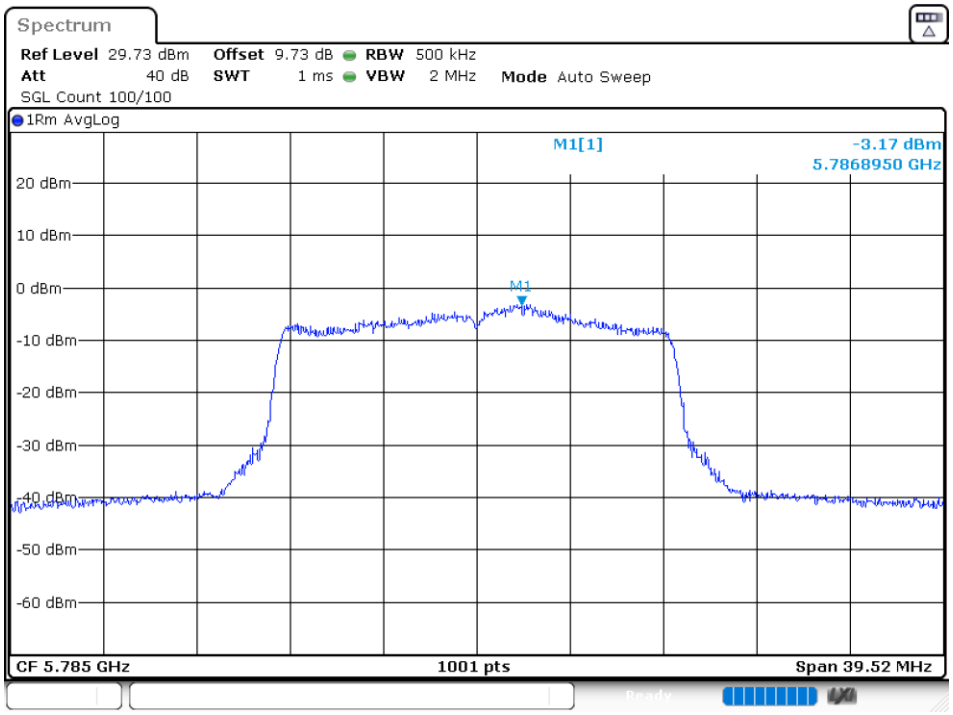
PSD NVNT 802.11a 5825MHz Ant 1



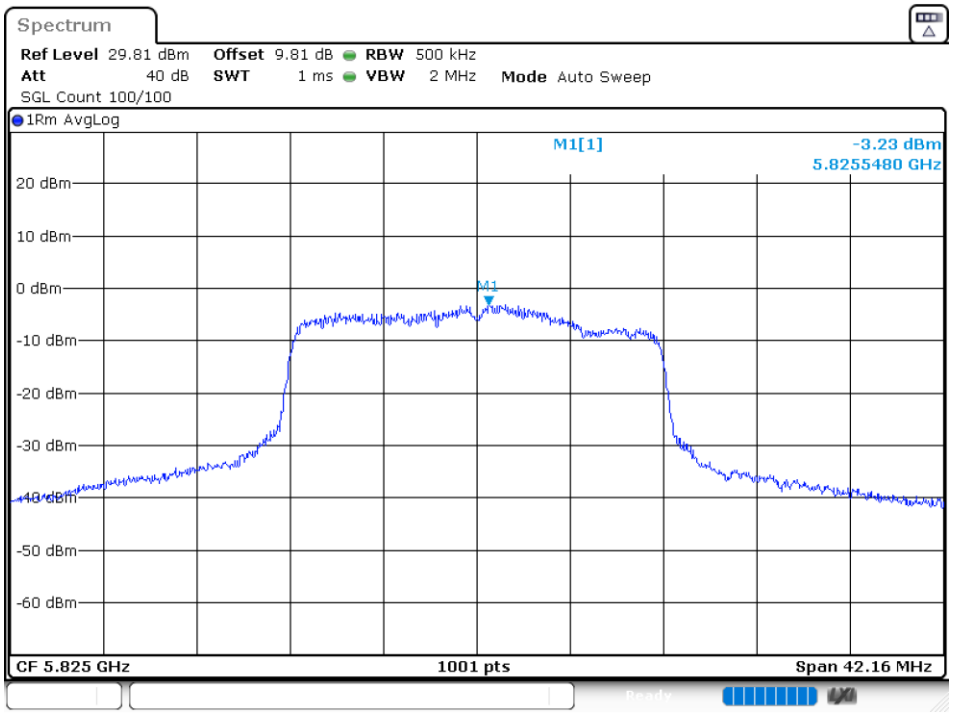
PSD NVNT 802.11a 5745MHz Ant 2



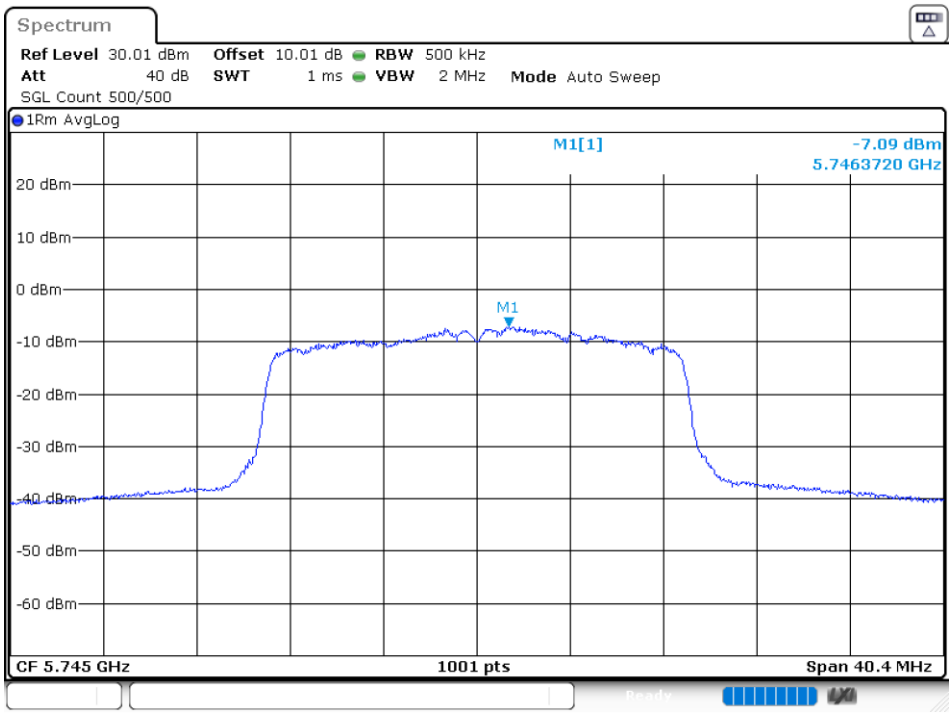
PSD NVNT 802.11a 5785MHz Ant 2



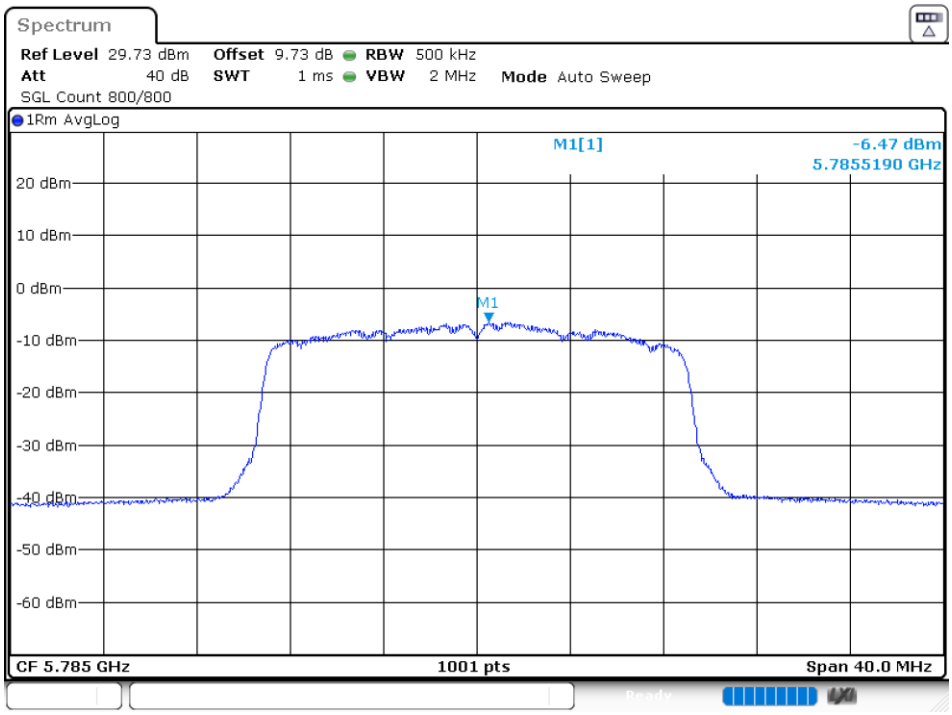
PSD NVNT 802.11a 5825MHz Ant 2



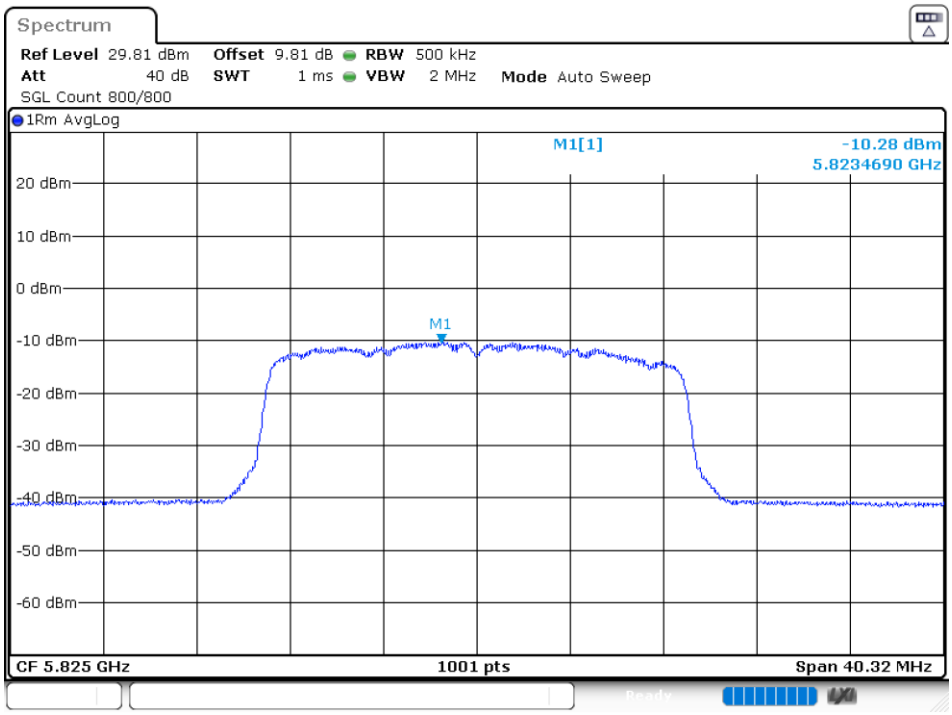
PSD NVNT 802.11ac20 5745MHz Ant 1



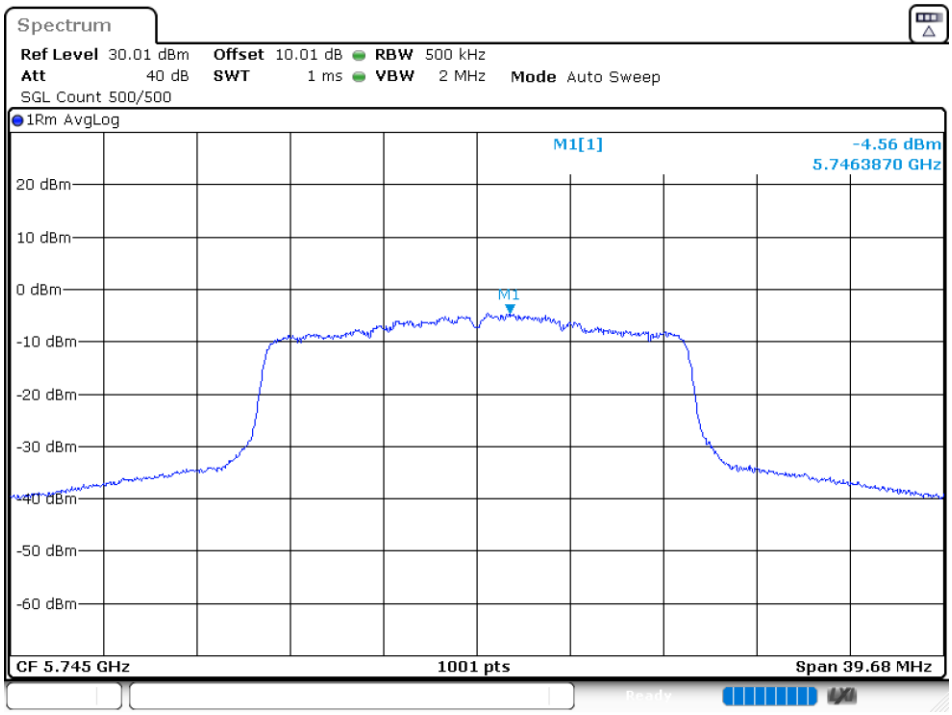
PSD NVNT 802.11ac20 5785MHz Ant 1



PSD NVNT 802.11ac20 5825MHz Ant 1



PSD NVNT 802.11ac20 5745MHz Ant 2



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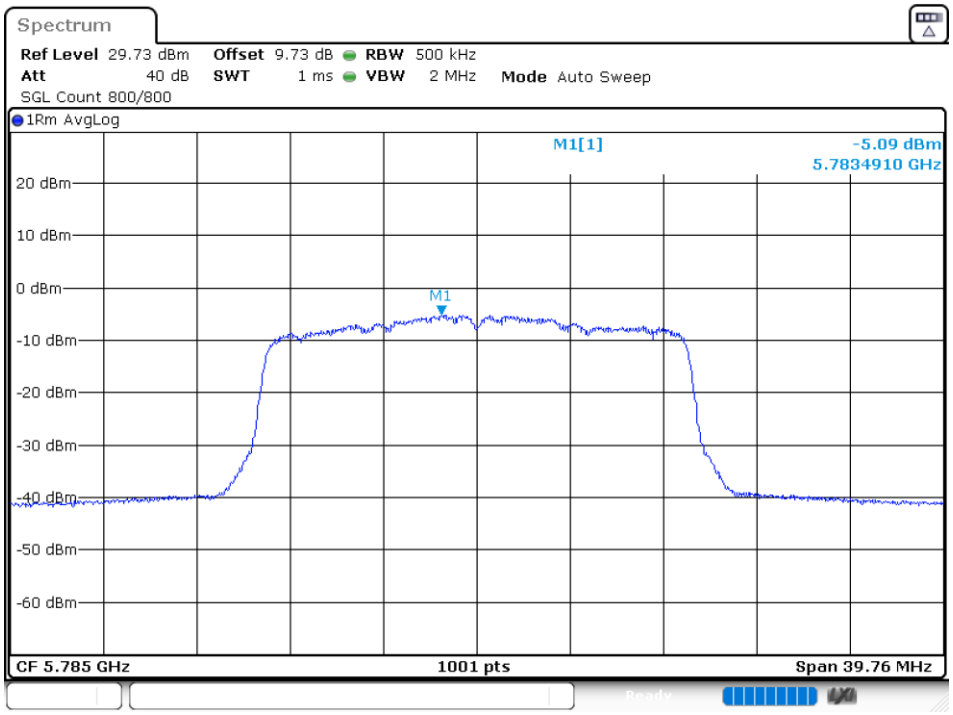

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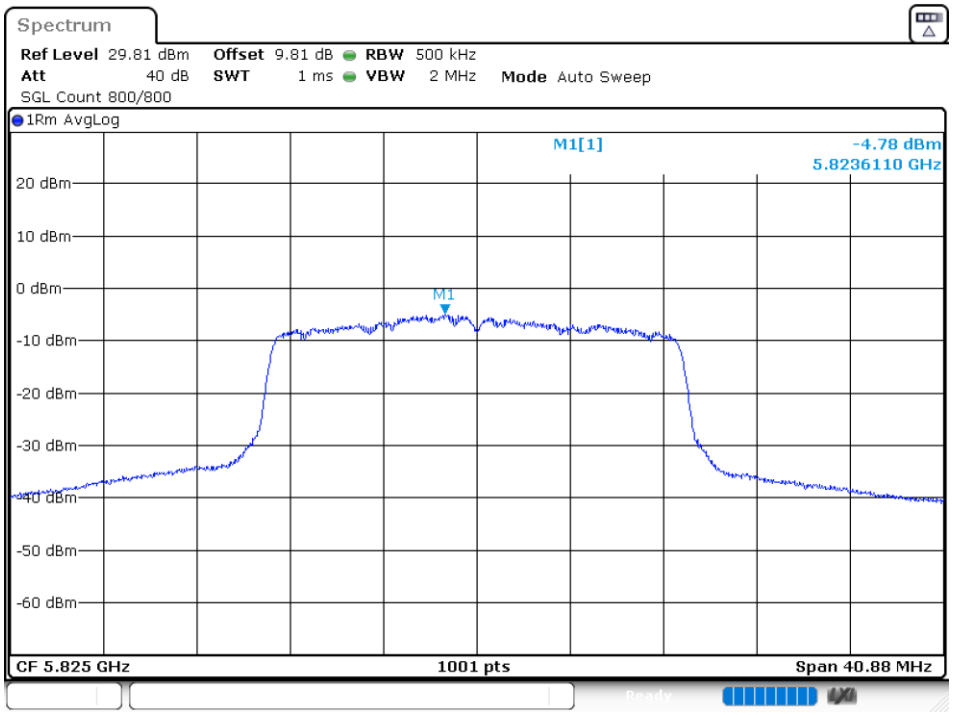
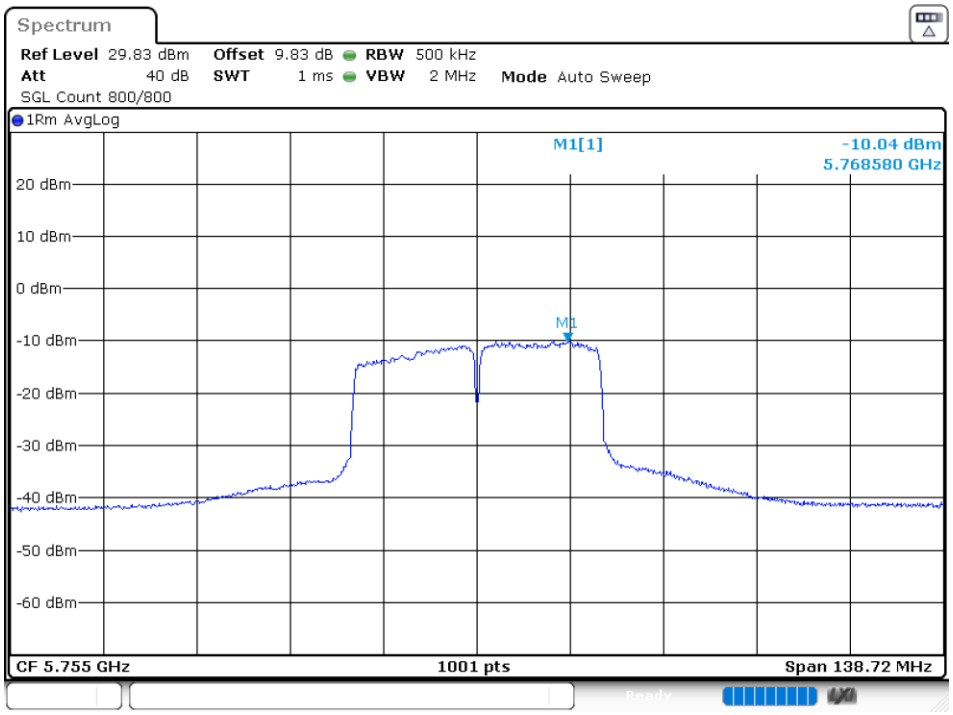
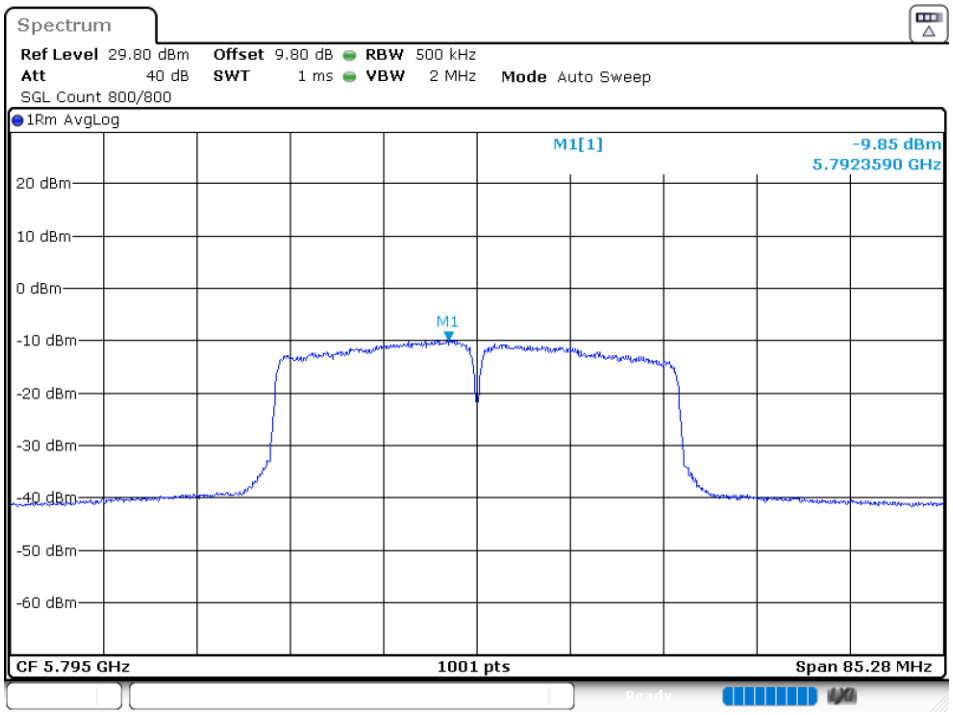


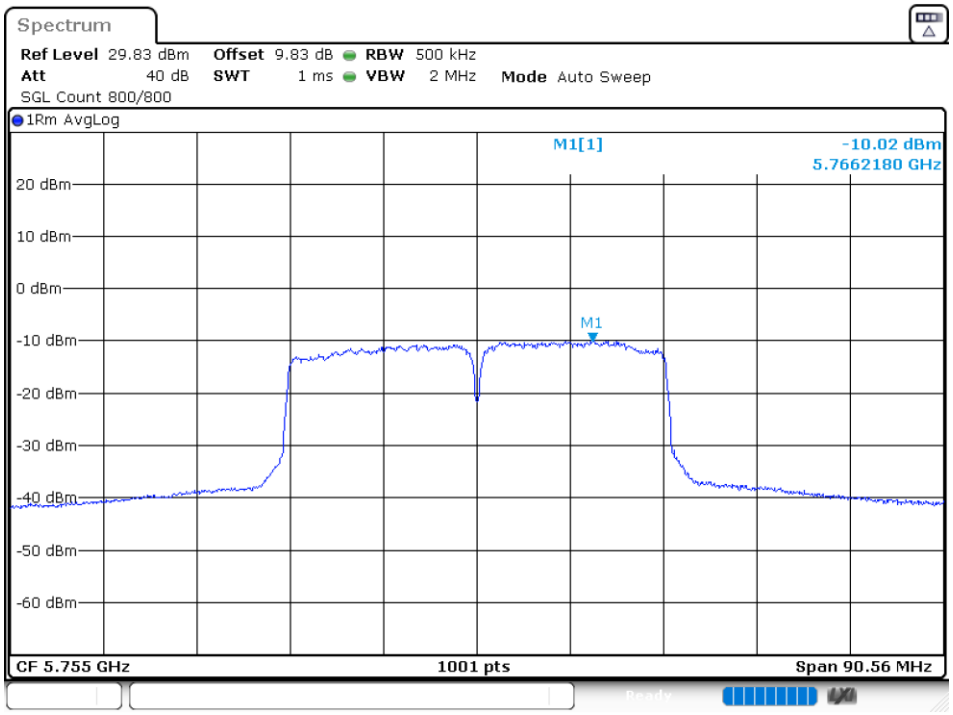
PSD NVNT 802.11ac40 5755MHz Ant 1



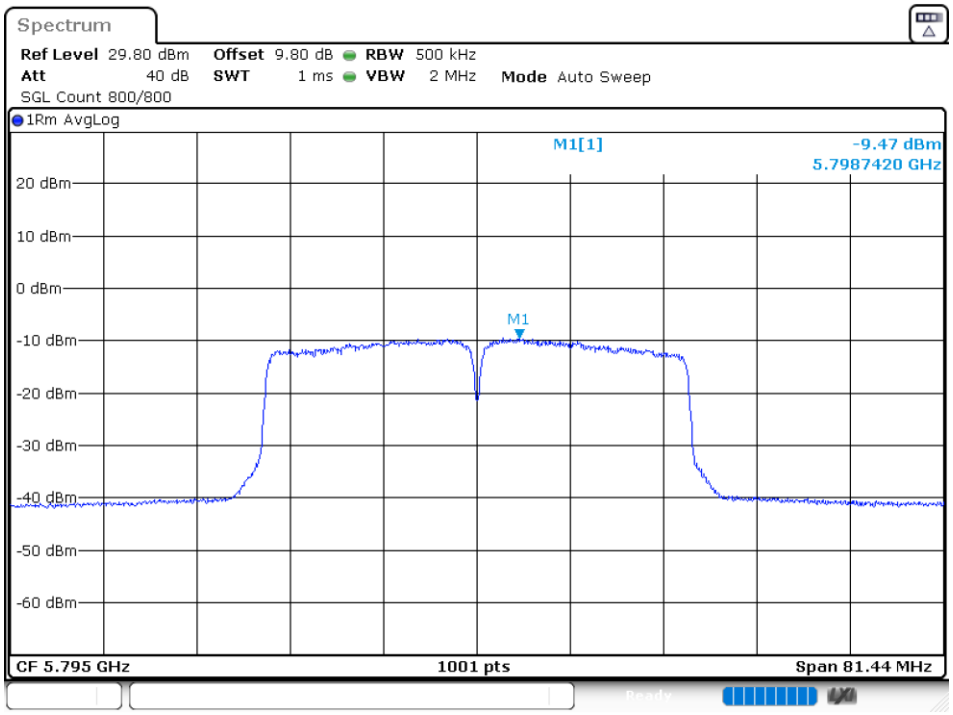
PSD NVNT 802.11ac40 5795MHz Ant 1



PSD NVNT 802.11ac40 5755MHz Ant 2



PSD NVNT 802.11ac40 5795MHz Ant 2



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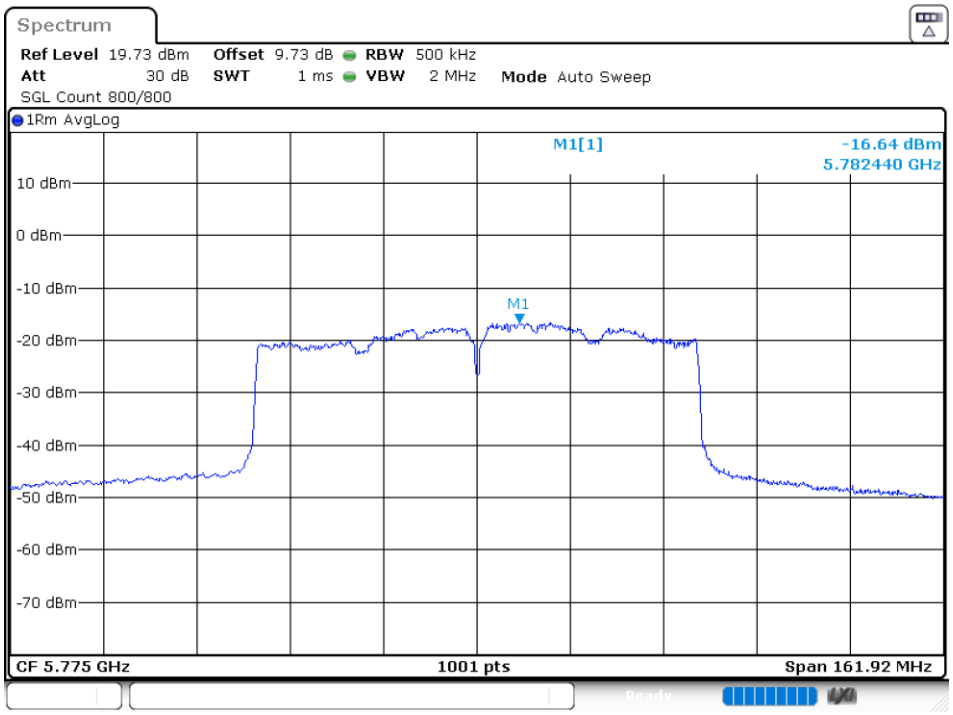
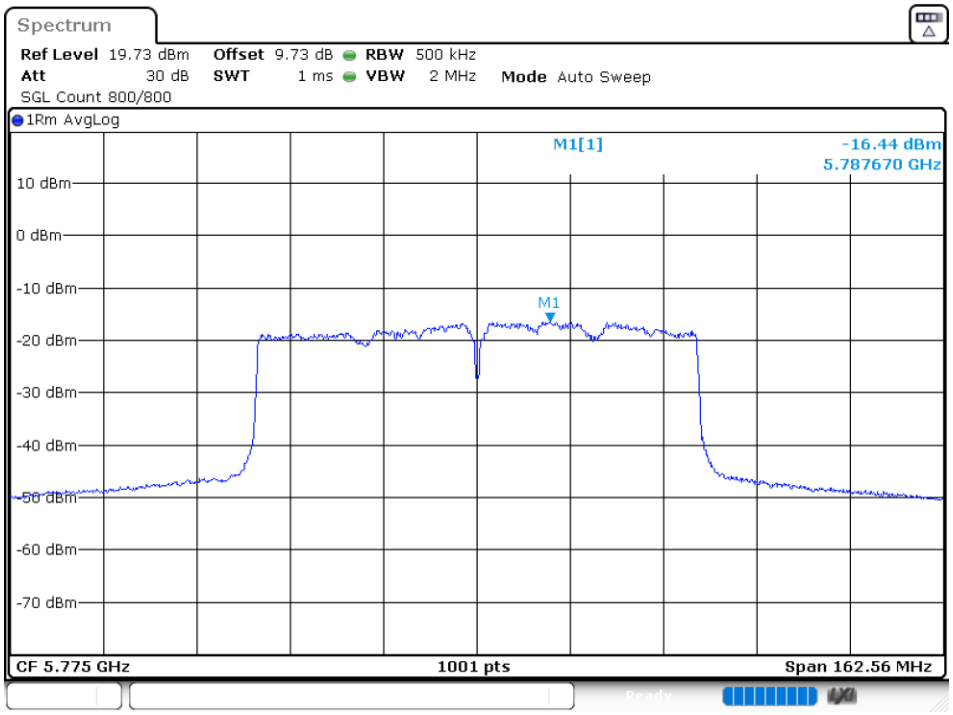
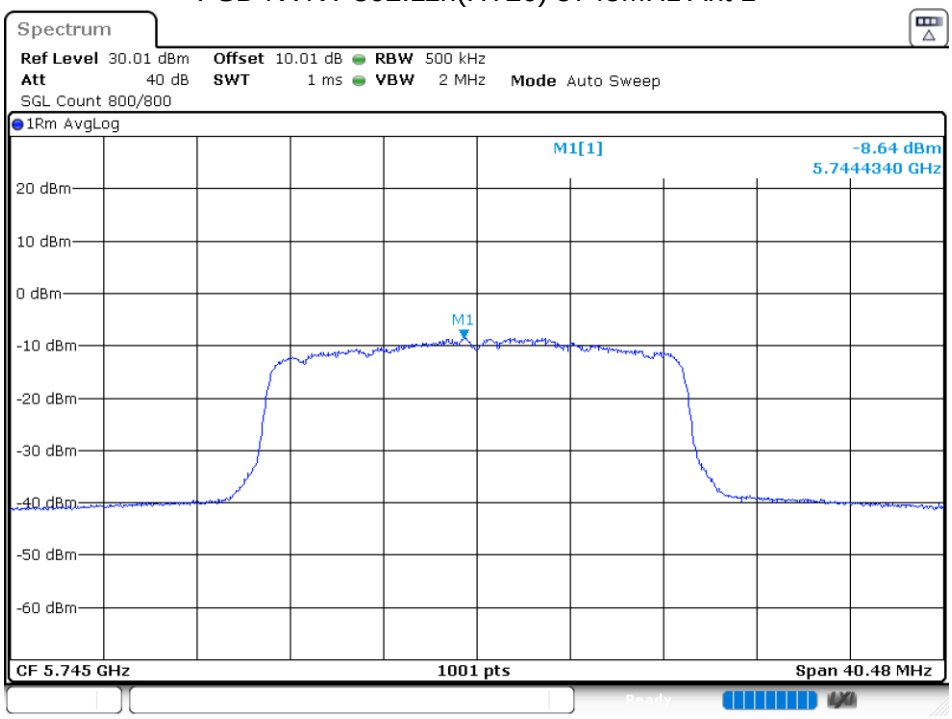


PSD NVNT 802.11ac80 5775MHz Ant 2



PSD NVNT 802.11n(HT20) 5745MHz Ant 1



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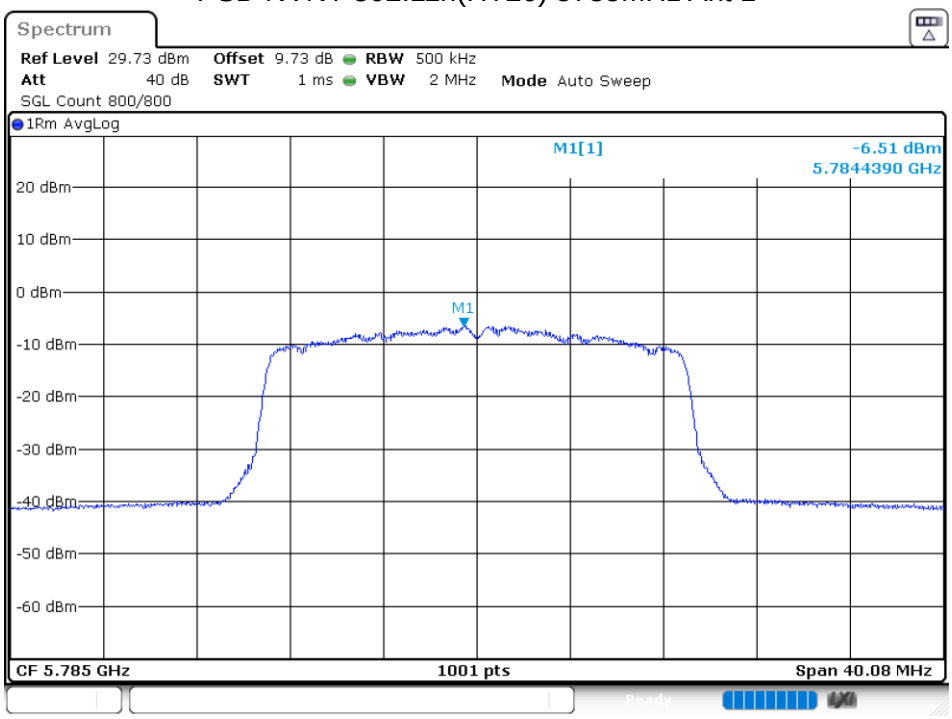
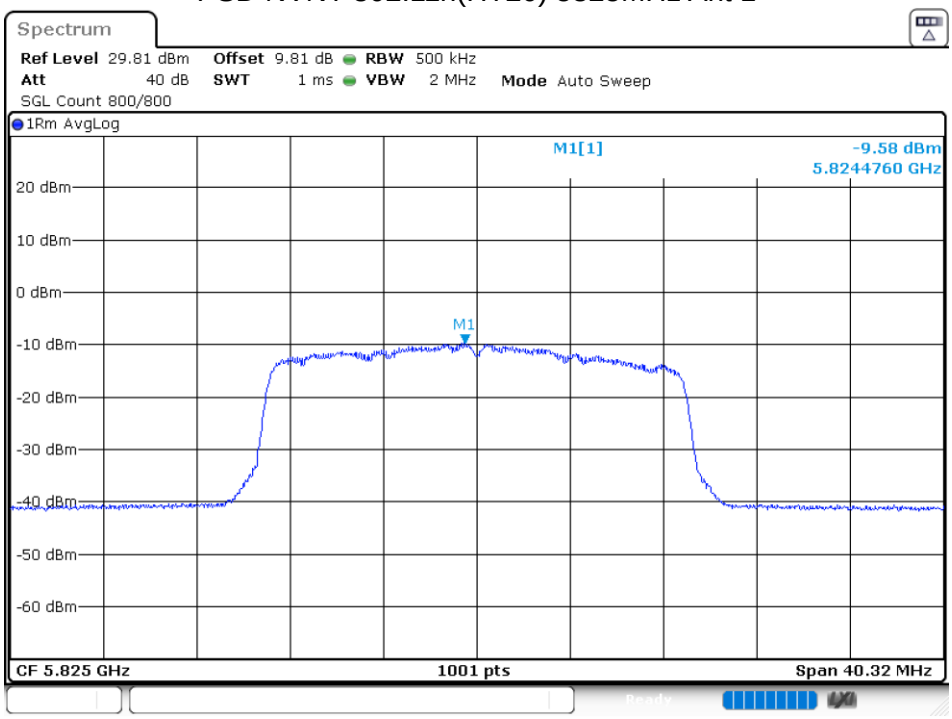
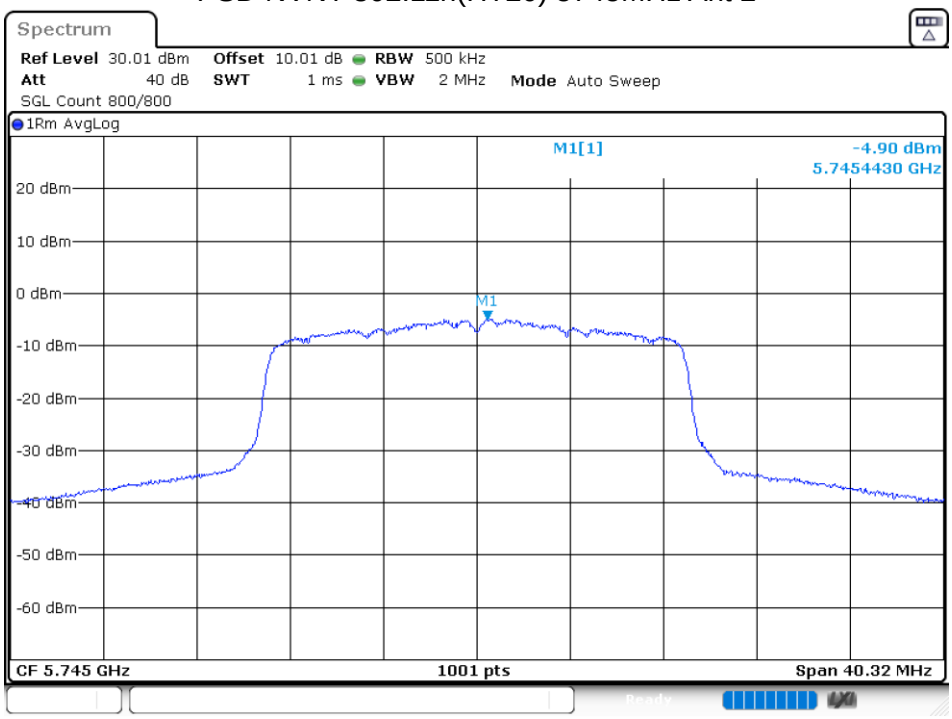


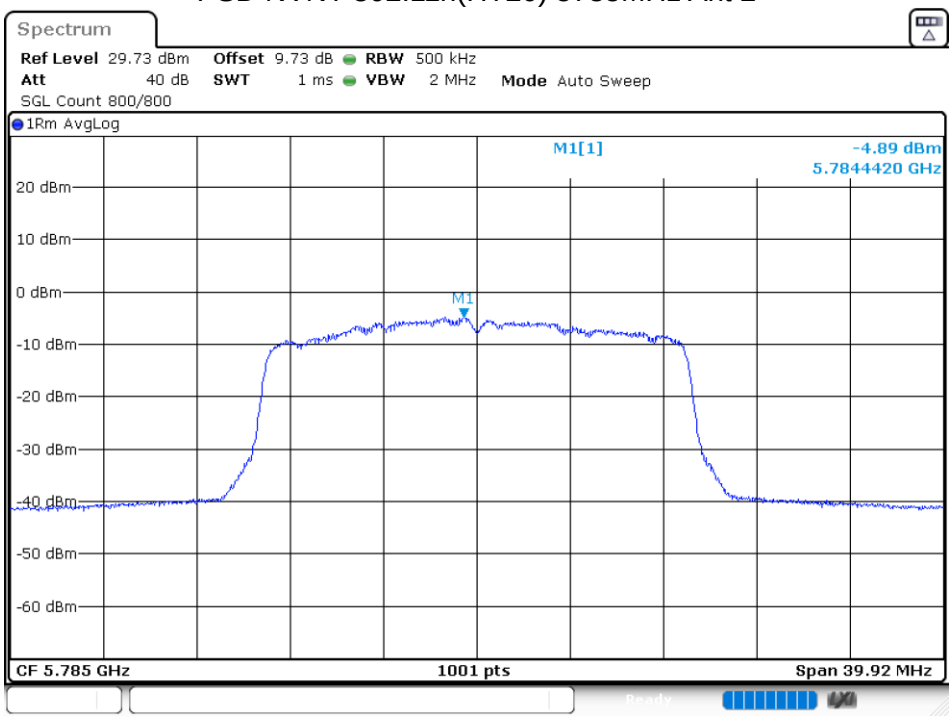
PSD NVNT 802.11n(HT20) 5825MHz Ant 1



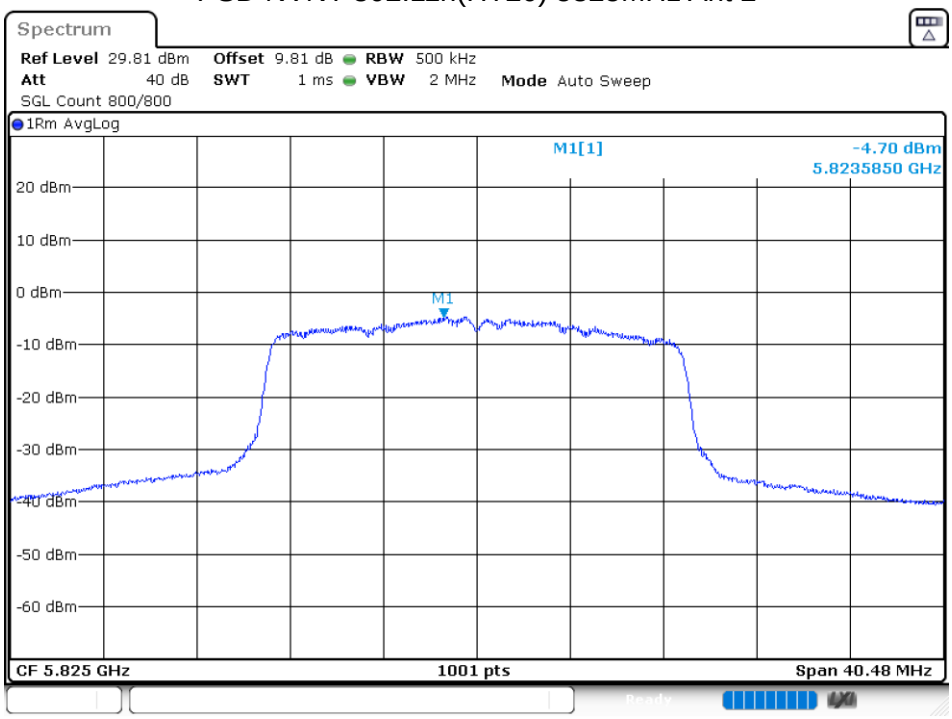
PSD NVNT 802.11n(HT20) 5745MHz Ant 2



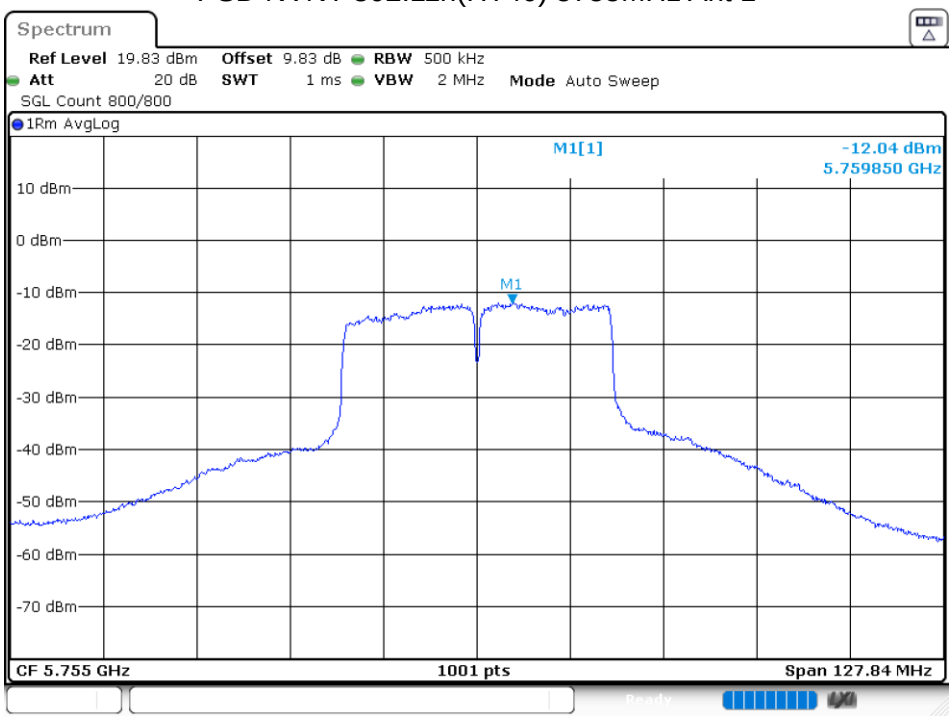
PSD NVNT 802.11n(HT20) 5785MHz Ant 2



PSD NVNT 802.11n(HT20) 5825MHz Ant 2



PSD NVNT 802.11n(HT40) 5755MHz Ant 1



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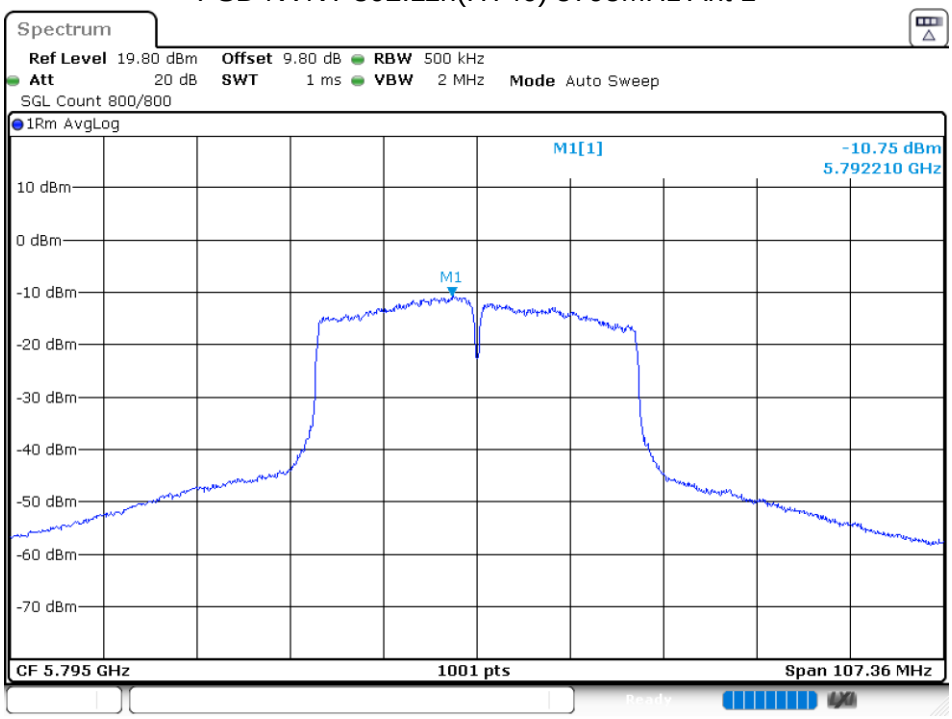
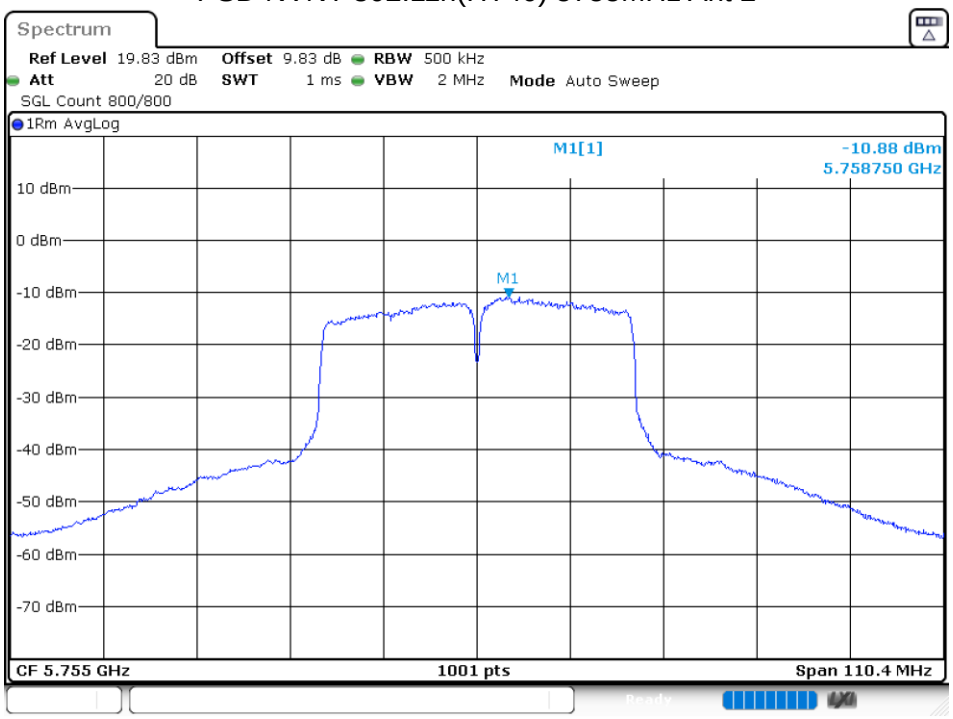
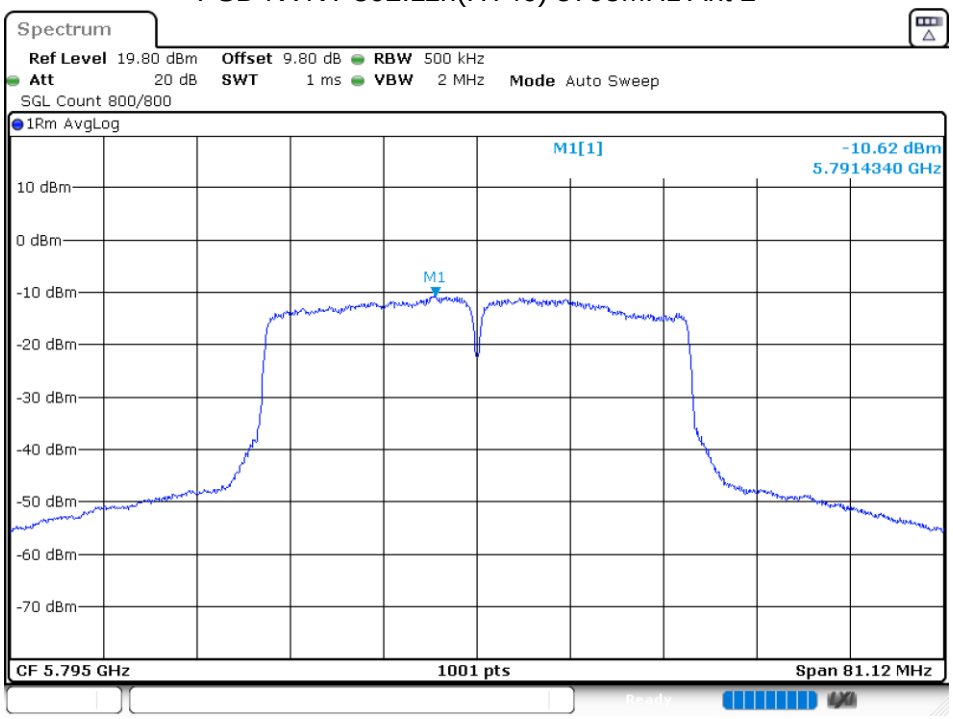


PSD NVNT 802.11n(HT40) 5755MHz Ant 2



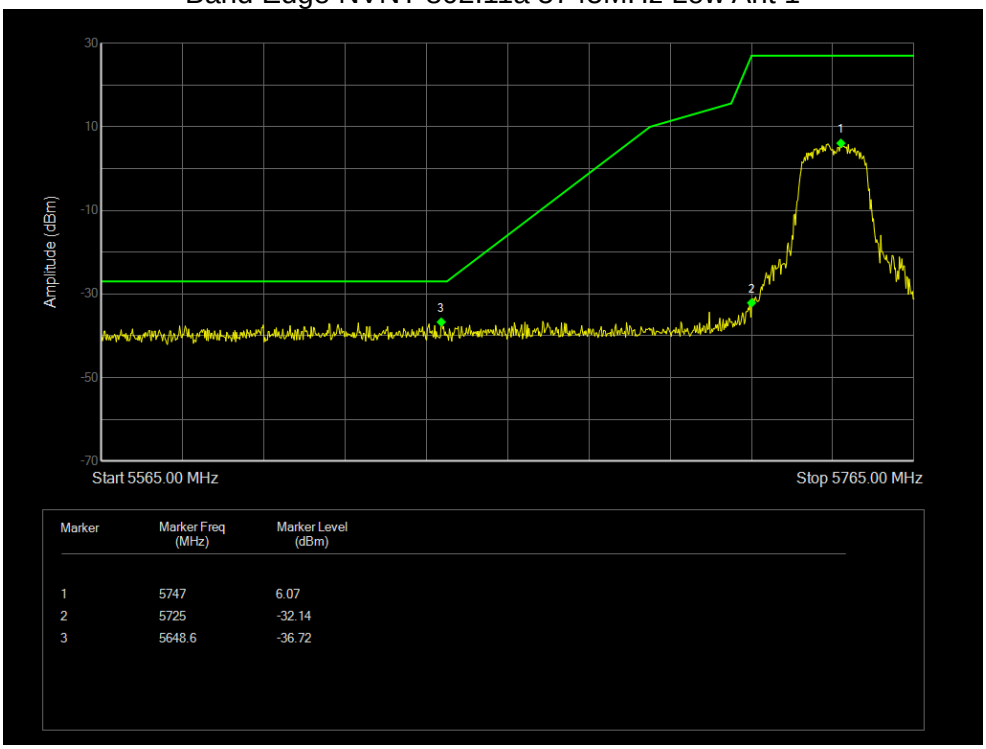
PSD NVNT 802.11n(HT40) 5795MHz Ant 2



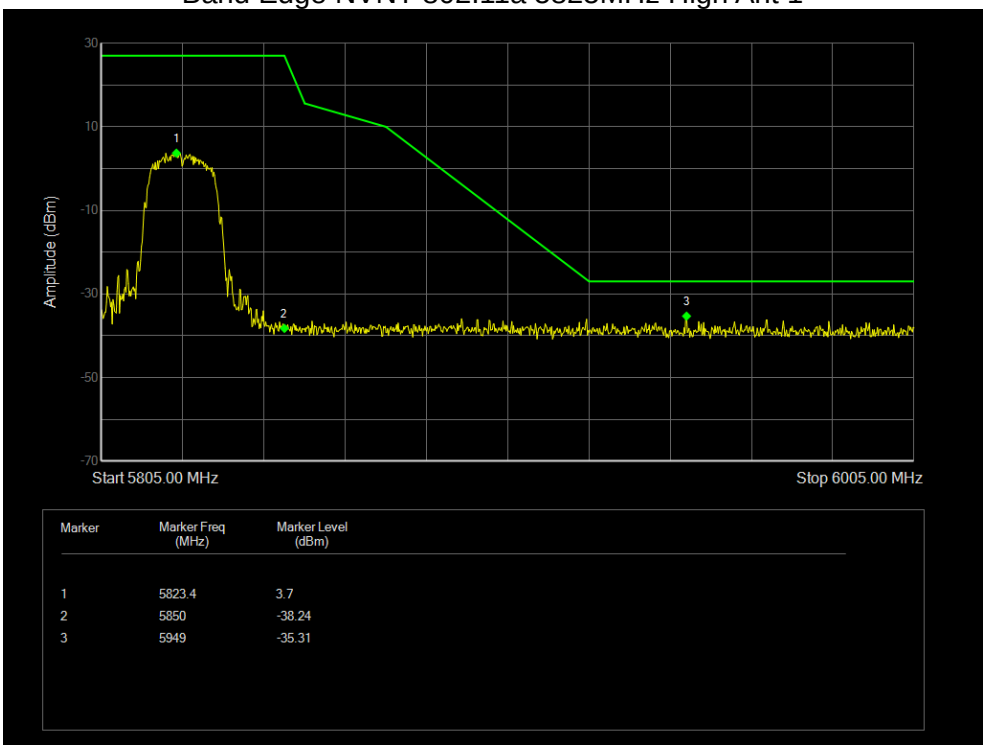
11.6 BAND EDGE

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	-36.72	-27	Pass
NVNT	802.11a	5825	Ant 1	-35.31	-27	Pass
NVNT	802.11a	5745	Ant 2	-36.53	-27	Pass
NVNT	802.11a	5825	Ant 2	-35.97	-27	Pass
NVNT	802.11ac20	5745	Ant 1	-36.97	-27	Pass
NVNT	802.11ac20	5825	Ant 1	-36.71	-27	Pass
NVNT	802.11ac20	5745	Ant 2	-36.58	-27	Pass
NVNT	802.11ac20	5825	Ant 2	-35.06	-27	Pass
NVNT	802.11ac40	5755	Ant 1	-36.58	-27	Pass
NVNT	802.11ac40	5795	Ant 1	-35.92	-27	Pass
NVNT	802.11ac40	5755	Ant 2	-37.2	-27	Pass
NVNT	802.11ac40	5795	Ant 2	-36.04	-27	Pass
NVNT	802.11ac80	5775	Ant 1	-38.35	-4.5	Pass
NVNT	802.11ac80	5775	Ant 1	-37.22	-23.3	Pass
NVNT	802.11ac80	5775	Ant 2	-38.82	-4.65	Pass
NVNT	802.11ac80	5775	Ant 2	-36.75	-22.41	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-36.77	-27	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-36.21	-27	Pass
NVNT	802.11n(HT20)	5745	Ant 2	-36.63	-27	Pass
NVNT	802.11n(HT20)	5825	Ant 2	-35.45	-27	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-37.91	-27	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-36.07	-27	Pass
NVNT	802.11n(HT40)	5755	Ant 2	-36.91	-27	Pass
NVNT	802.11n(HT40)	5795	Ant 2	-36.43	-27	Pass

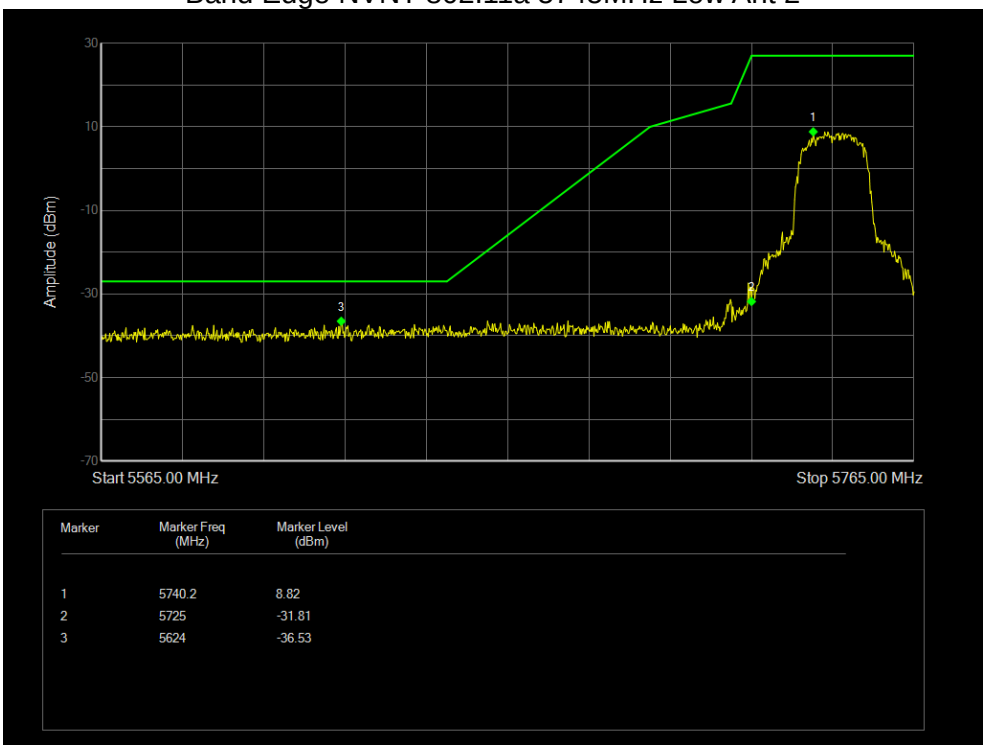
Band Edge NVNT 802.11a 5745MHz Low Ant 1



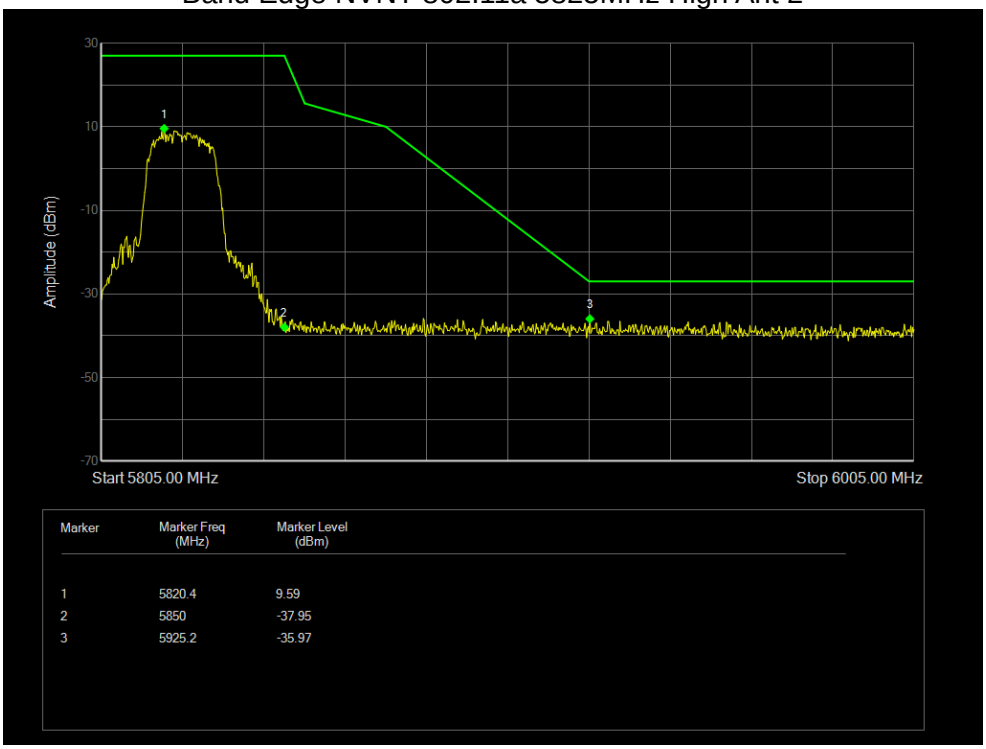
Band Edge NVNT 802.11a 5825MHz High Ant 1



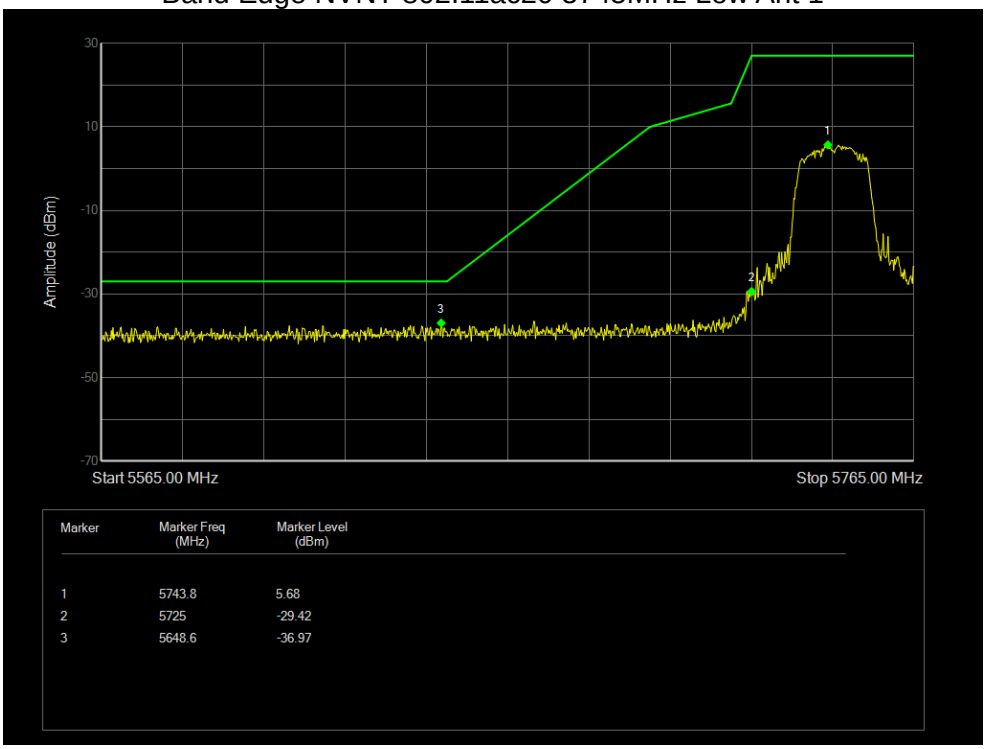
Band Edge NVNT 802.11a 5745MHz Low Ant 2



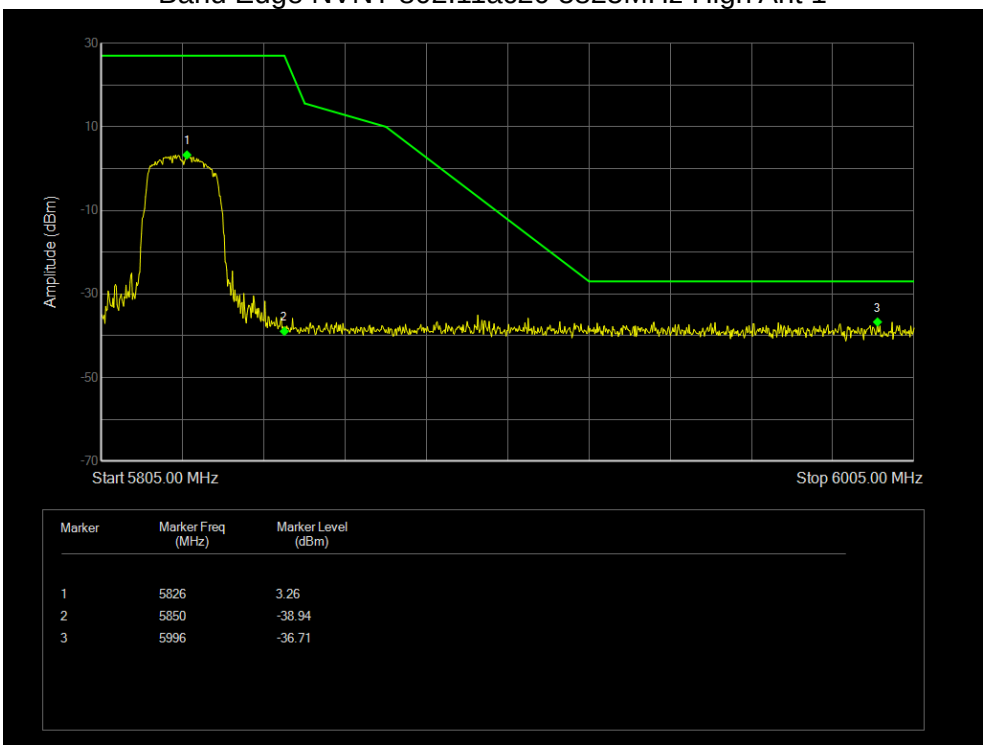
Band Edge NVNT 802.11a 5825MHz High Ant 2



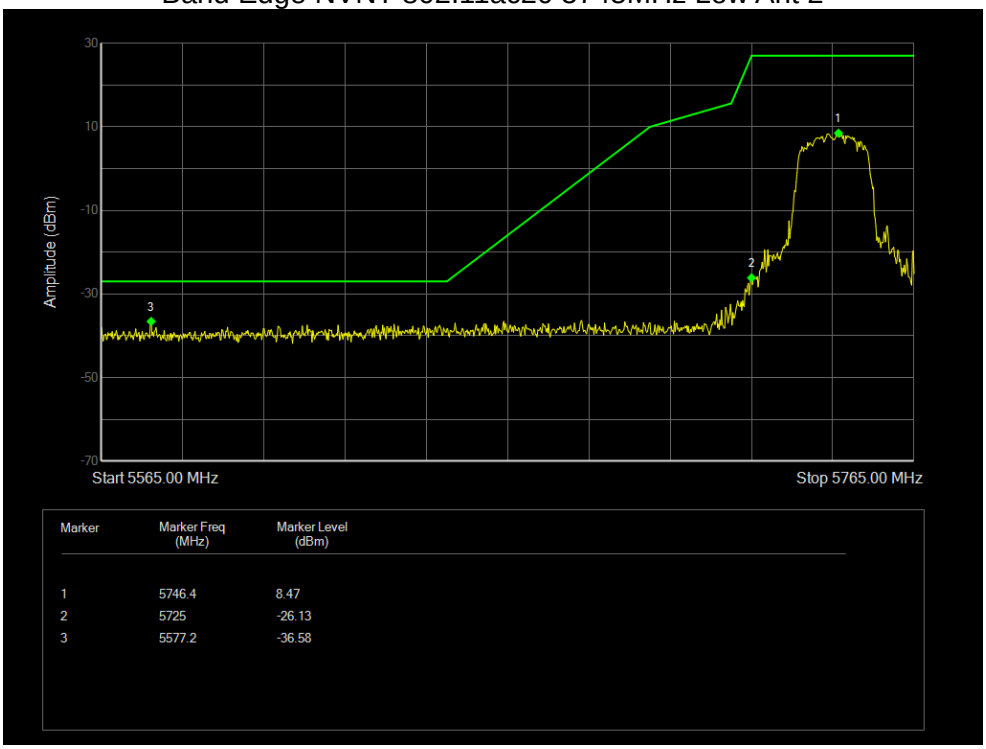
Band Edge NVNT 802.11ac20 5745MHz Low Ant 1



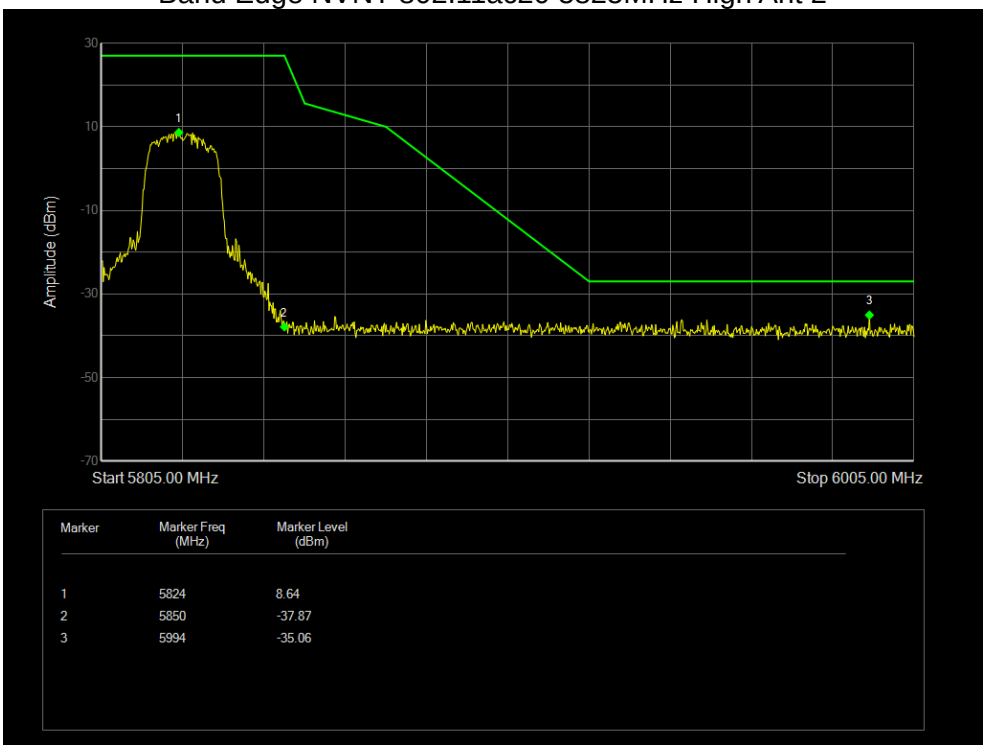
Band Edge NVNT 802.11ac20 5825MHz High Ant 1



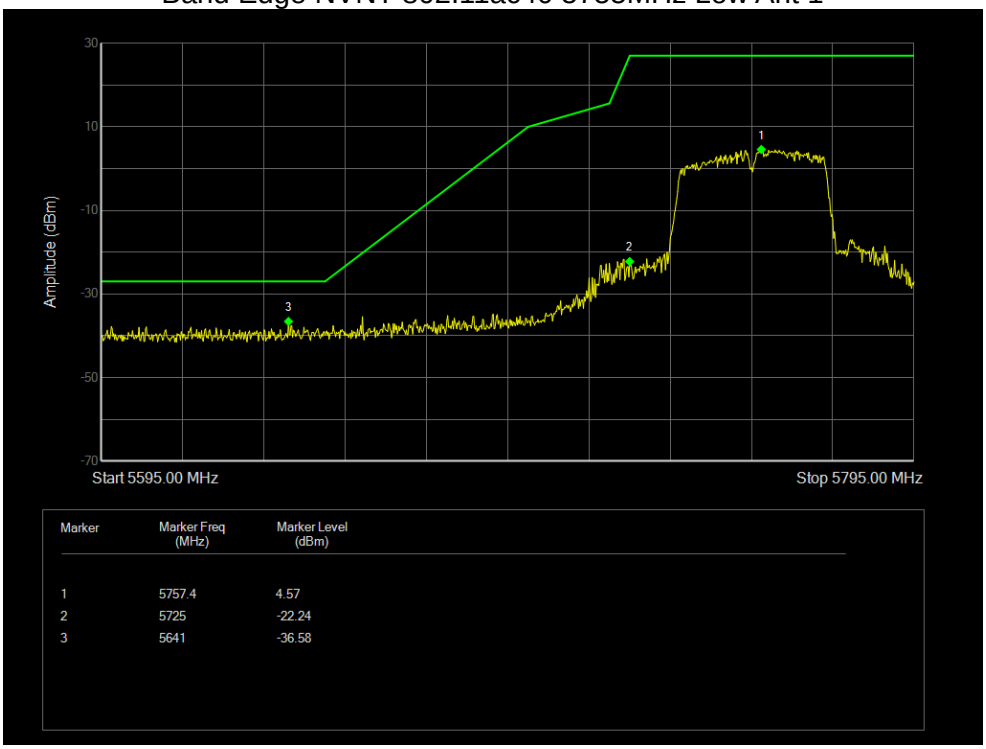
Band Edge NVNT 802.11ac20 5745MHz Low Ant 2



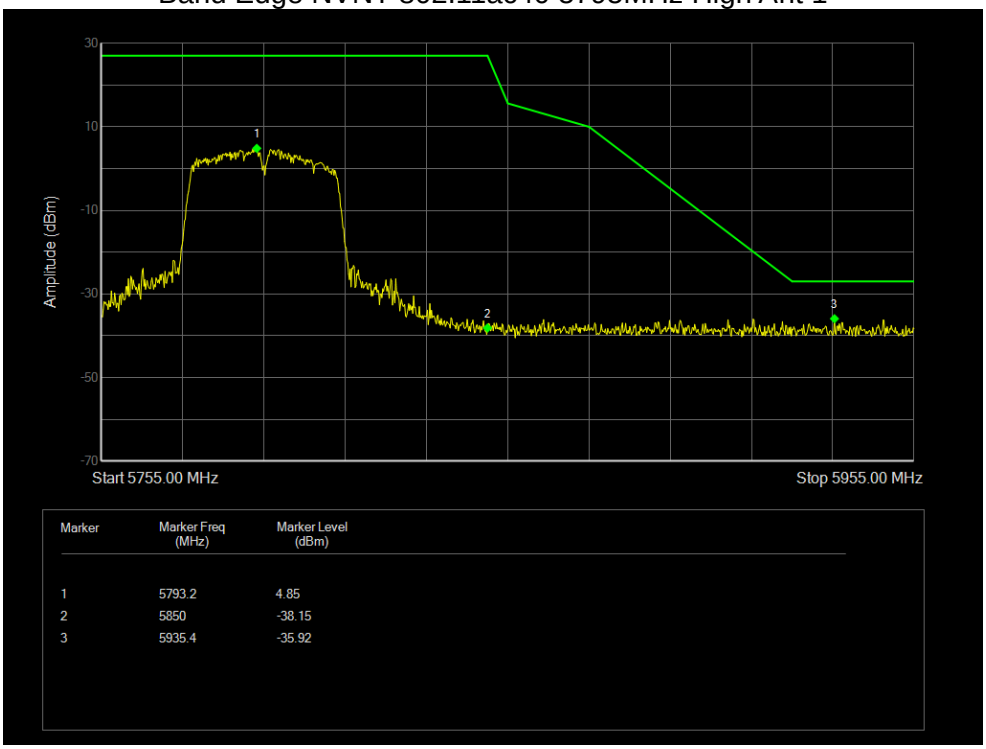
Band Edge NVNT 802.11ac20 5825MHz High Ant 2



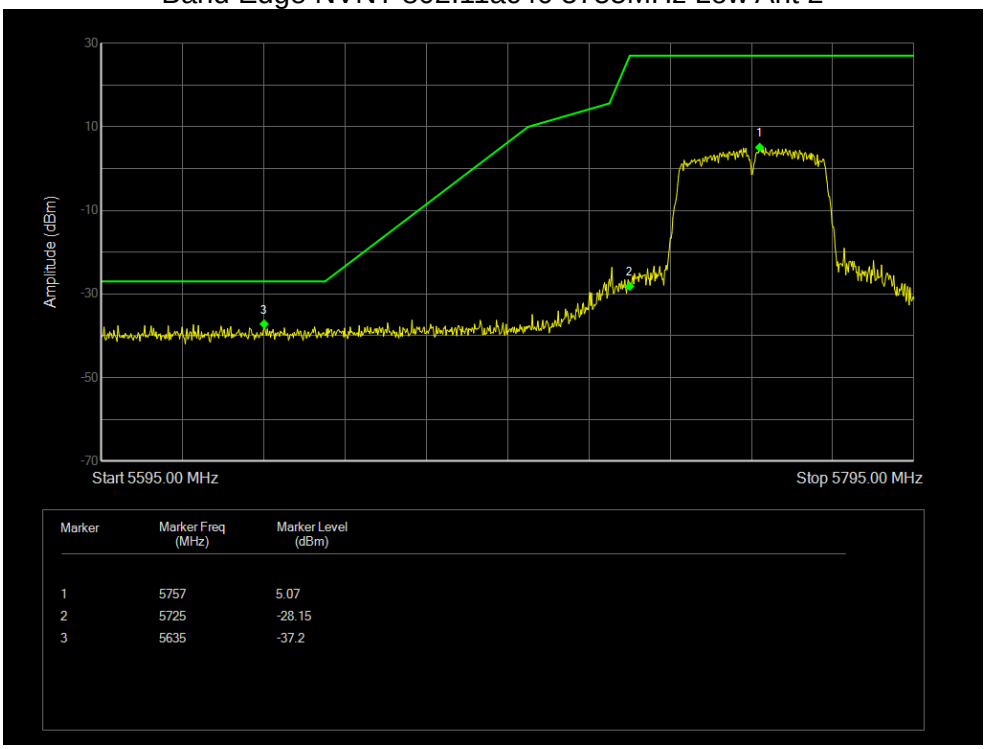
Band Edge NVNT 802.11ac40 5755MHz Low Ant 1



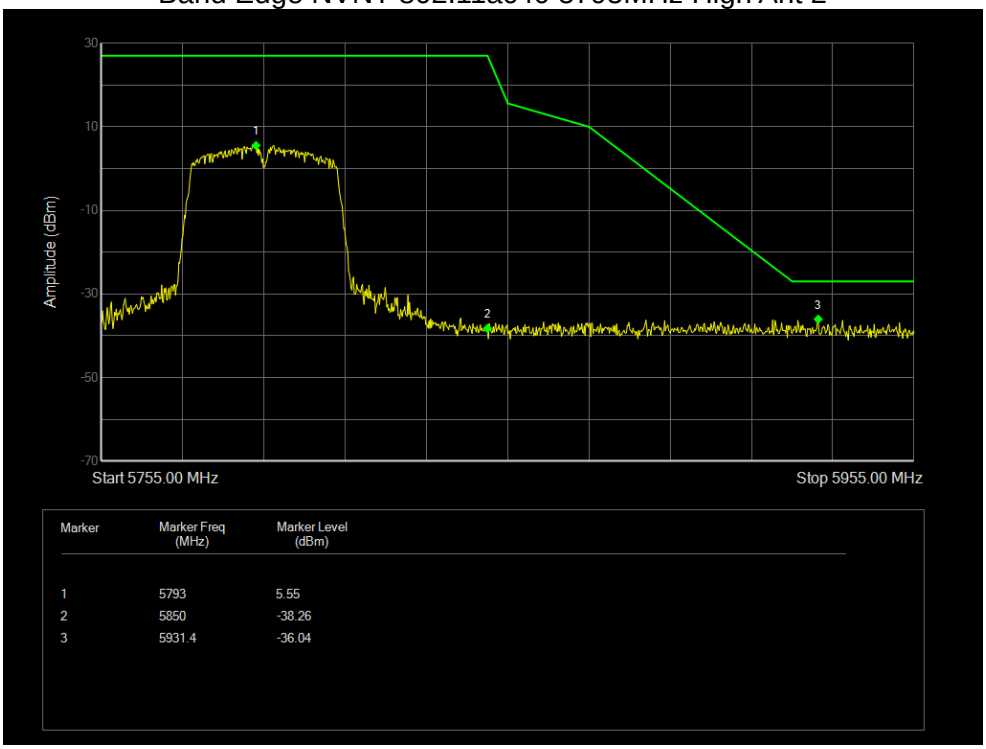
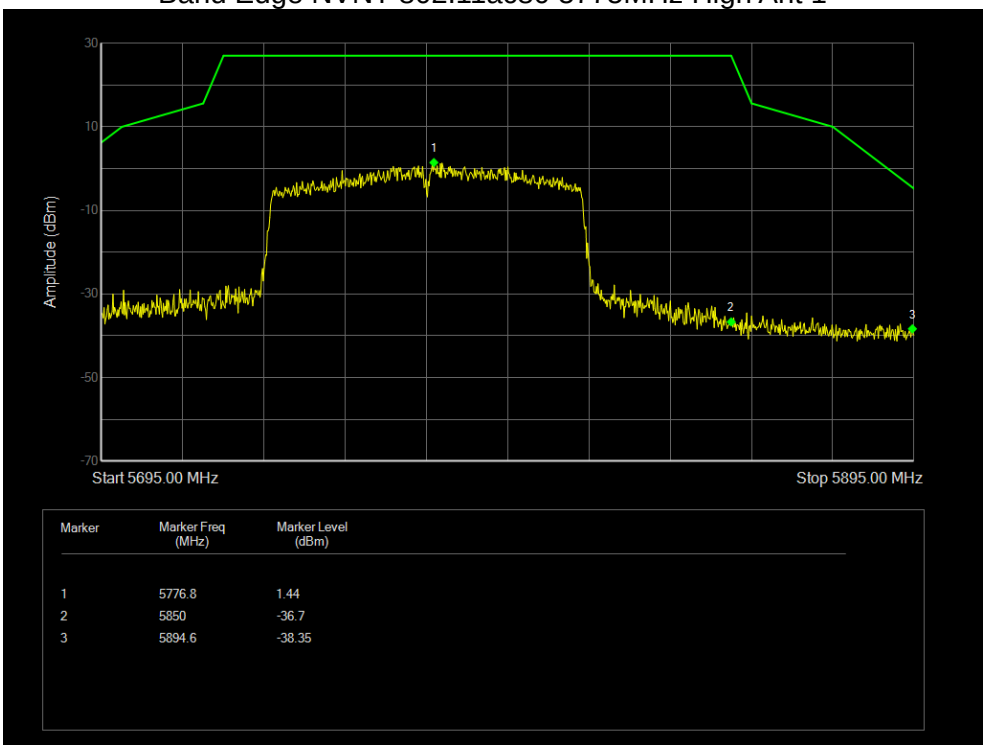
Band Edge NVNT 802.11ac40 5795MHz High Ant 1



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