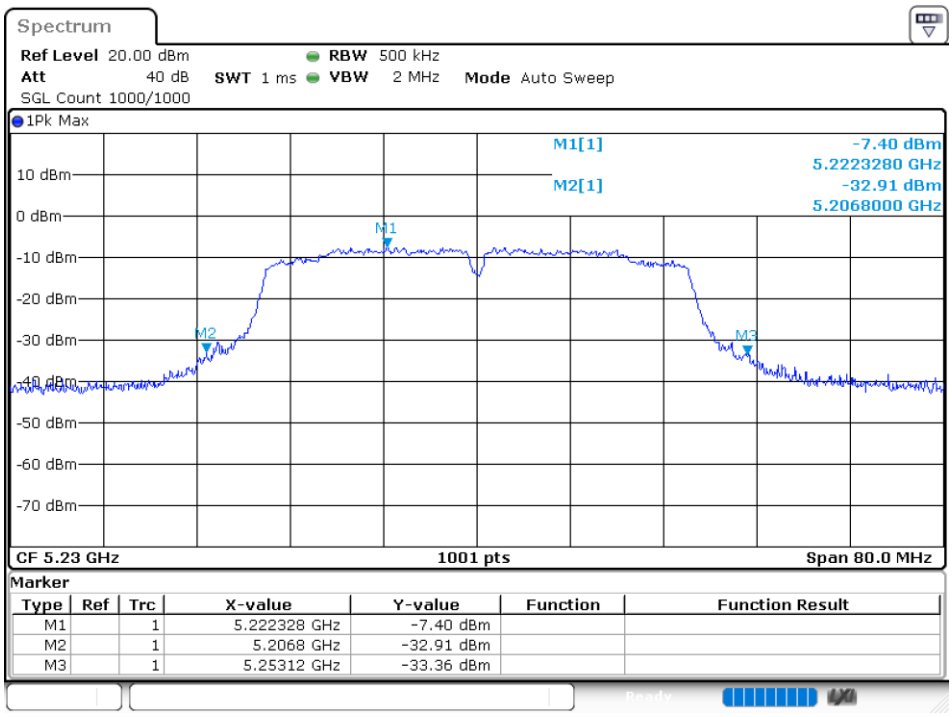
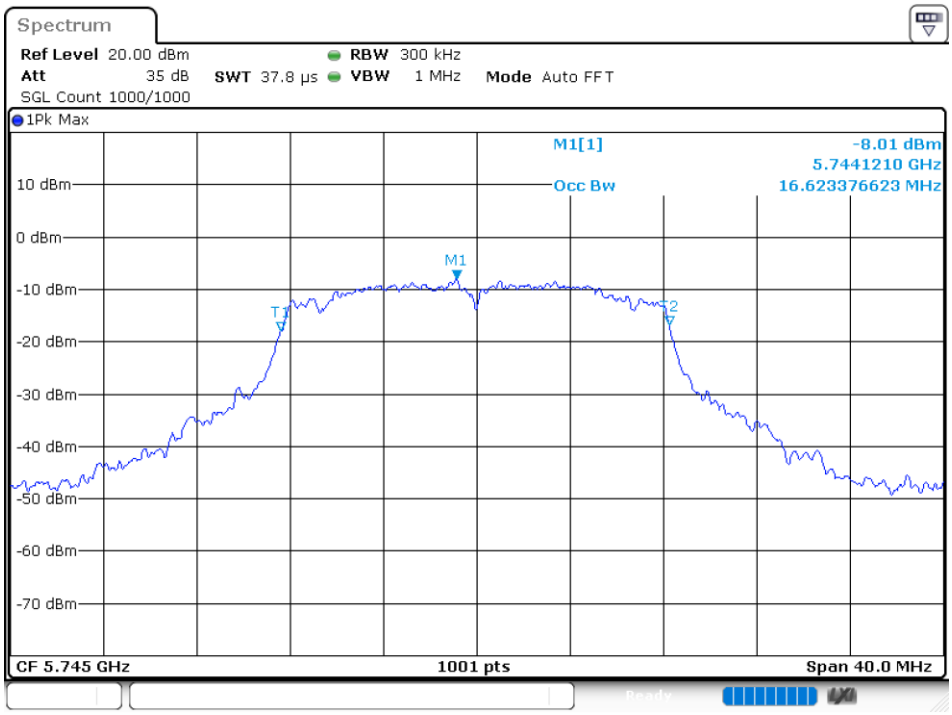
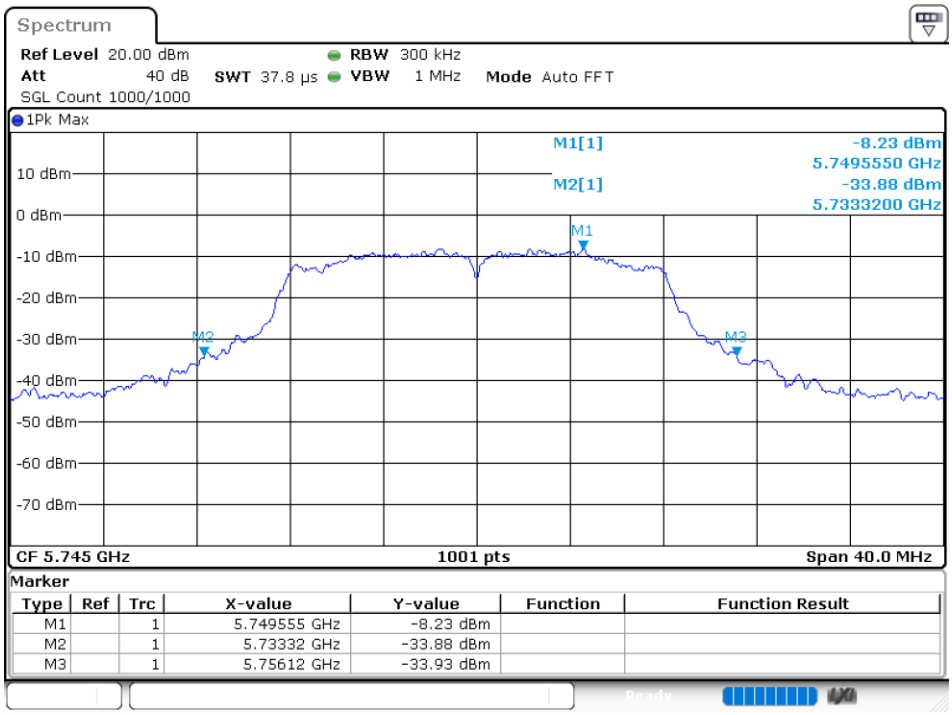


Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	802.11a	5745	Ant 1	16.6234	22.8	0.5	Pass
NVNT	802.11a	5785	Ant 1	16.7832	23.2	0.5	Pass
NVNT	802.11a	5825	Ant 1	16.6633	23.44	0.5	Pass
NVNT	802.11ac20	5745	Ant 1	17.7023	22.52	0.5	Pass
NVNT	802.11ac20	5785	Ant 1	17.7822	23.72	0.5	Pass
NVNT	802.11ac20	5825	Ant 1	17.7822	23.16	0.5	Pass
NVNT	802.11ac40	5755	Ant 1	36.2038	44.4	0.5	Pass
NVNT	802.11ac40	5795	Ant 1	36.1239	44.08	0.5	Pass
NVNT	802.11ac80	5775	Ant 1	75.4446	82.4	0.5	Pass
NVNT	802.11n(HT20)	5745	Ant 1	17.7423	24.76	0.5	Pass
NVNT	802.11n(HT20)	5785	Ant 1	17.9421	24.2	0.5	Pass
NVNT	802.11n(HT20)	5825	Ant 1	17.8222	23.12	0.5	Pass
NVNT	802.11n(HT40)	5755	Ant 1	36.2038	44.32	0.5	Pass
NVNT	802.11n(HT40)	5795	Ant 1	36.2837	44.4	0.5	Pass

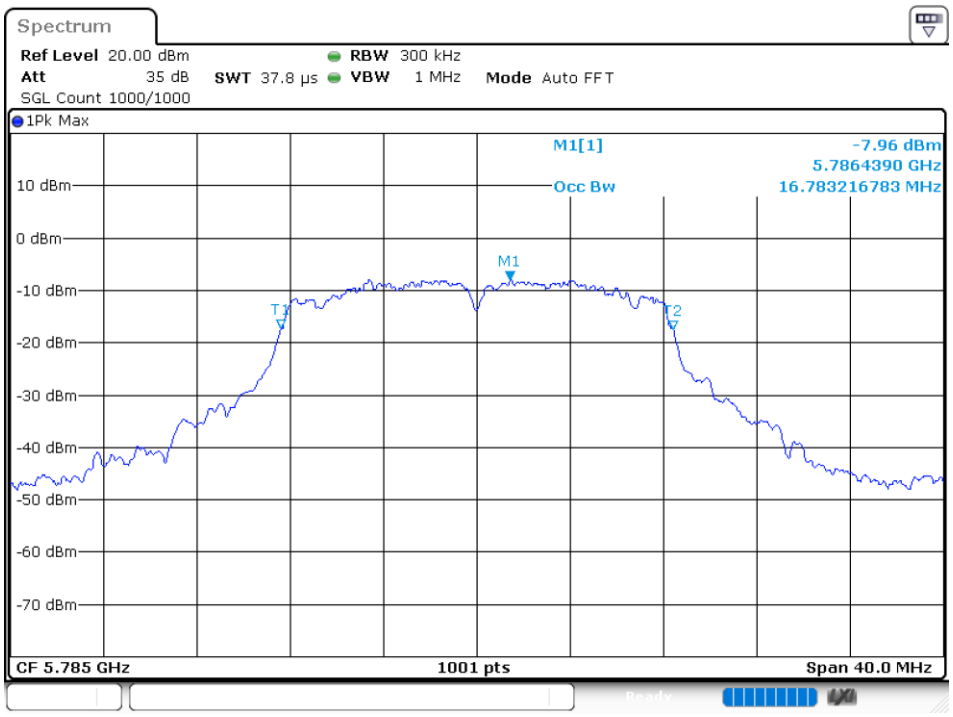
OBW NVNT 802.11a 5745MHz Ant1



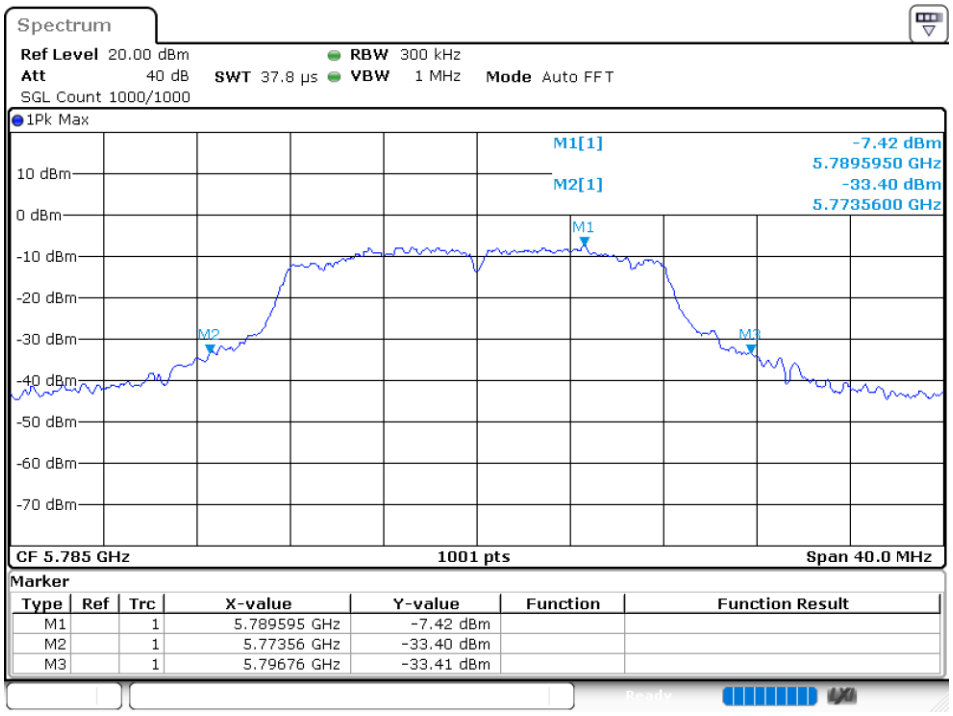
-26 dB BW NVNT 802.11a 5745MHz Ant1



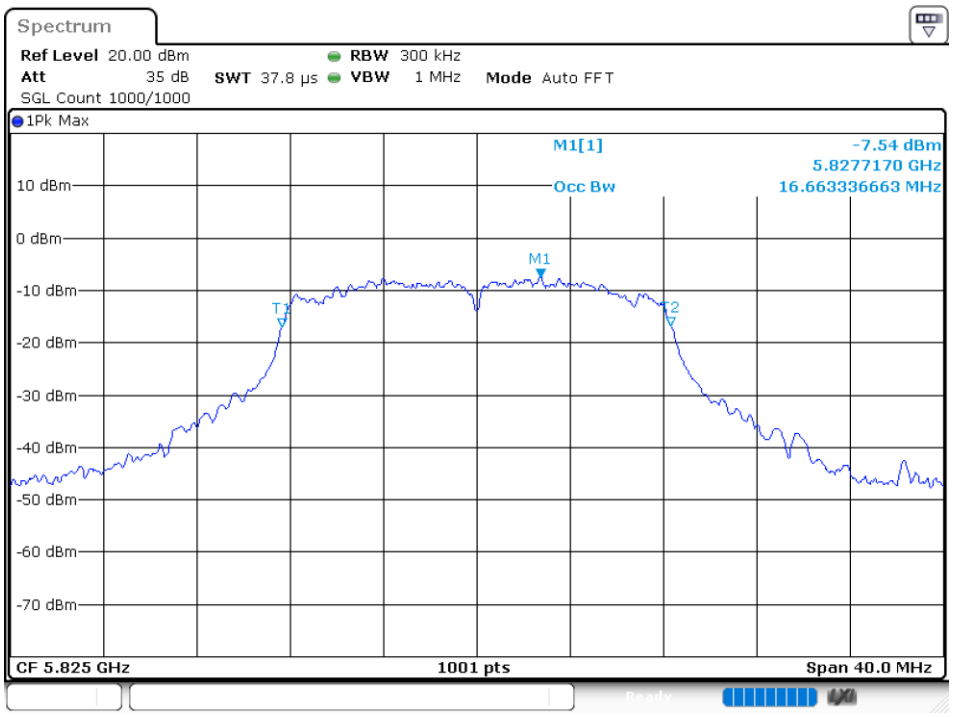
OBW NVNT 802.11a 5785MHz Ant1



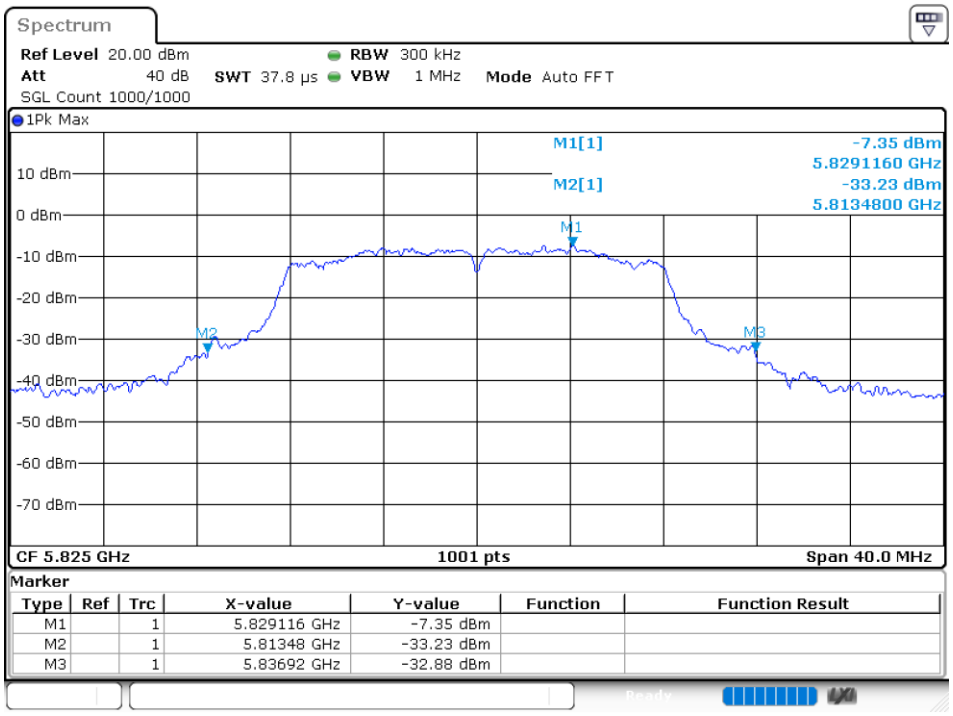
-26 dB BW NVNT 802.11a 5785MHz Ant1



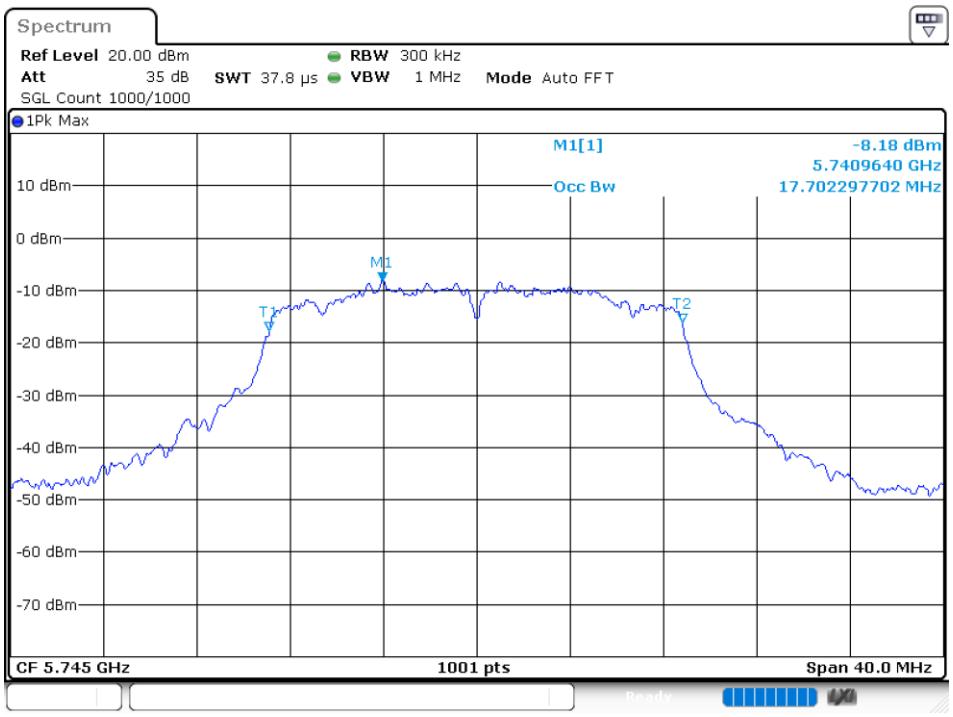
OBW NVNT 802.11a 5825MHz Ant1



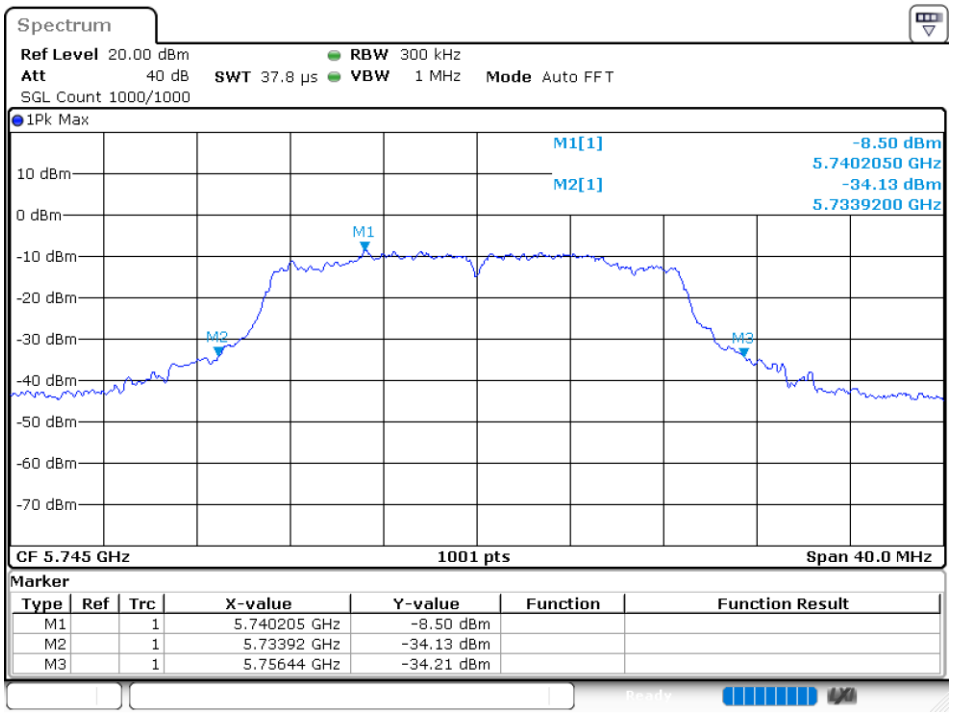
-26 dB BW NVNT 802.11a 5825MHz Ant1



OBW NVNT 802.11ac20 5745MHz Ant1



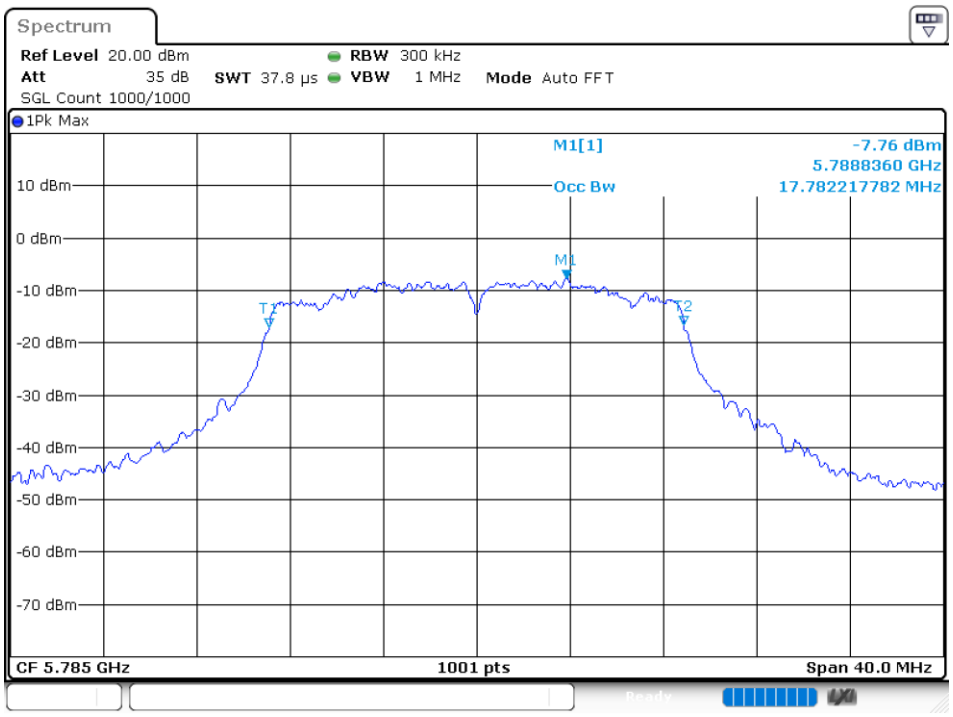
-26 dB BW NVNT 802.11ac20 5745MHz Ant1



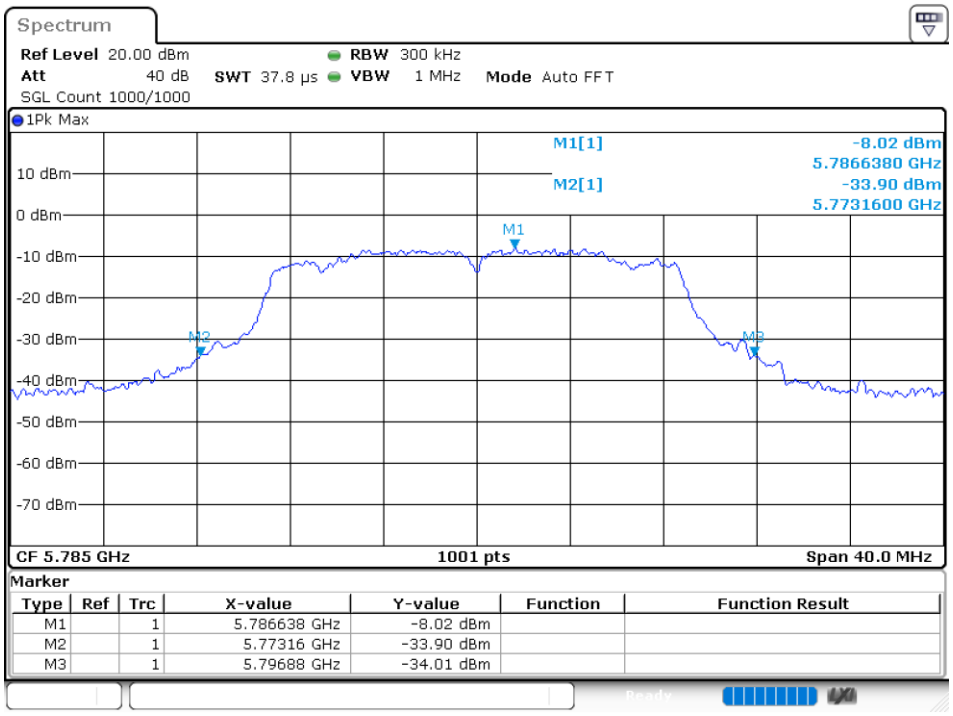
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.740205 GHz	-8.50 dBm		
M2		1	5.73392 GHz	-34.13 dBm		
M3		1	5.75644 GHz	-34.21 dBm		

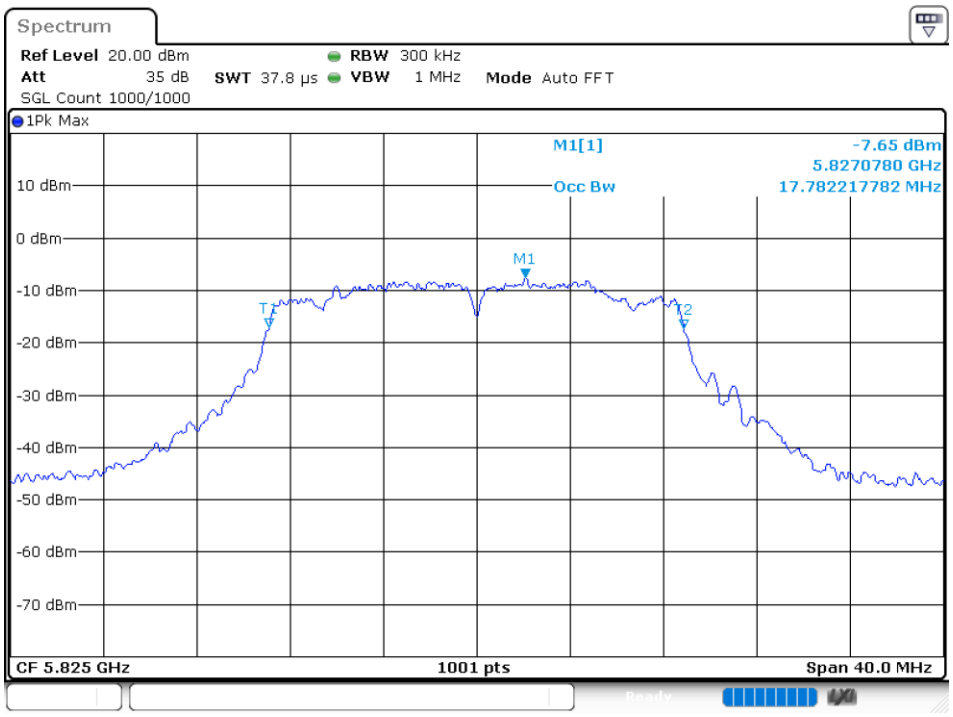
OBW NVNT 802.11ac20 5785MHz Ant1



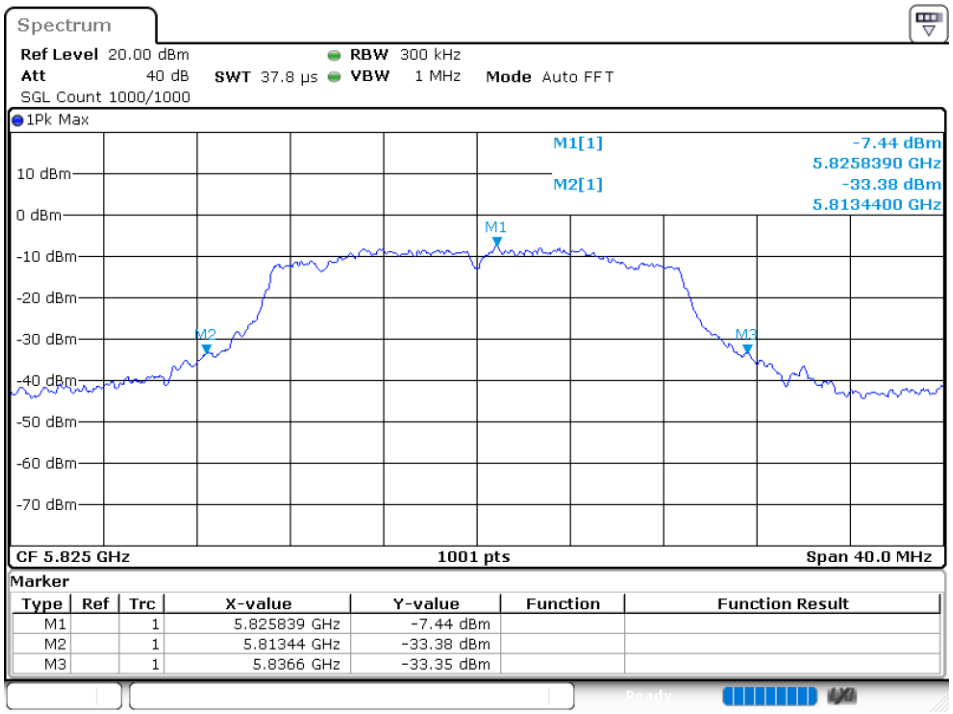
-26 dB BW NVNT 802.11ac20 5785MHz Ant1



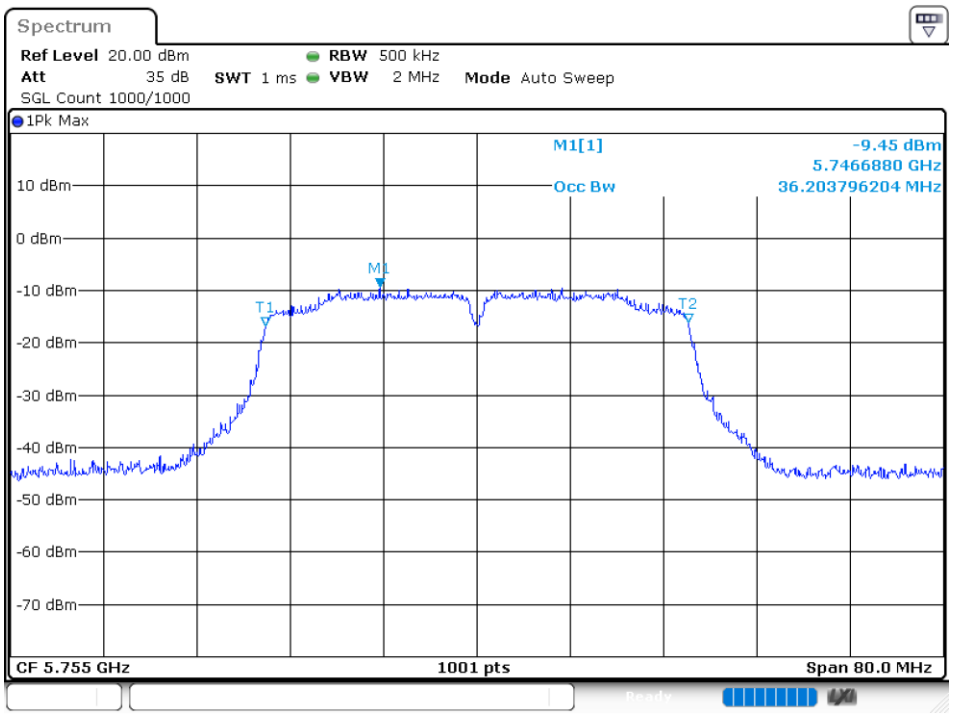
OBW NVNT 802.11ac20 5825MHz Ant1



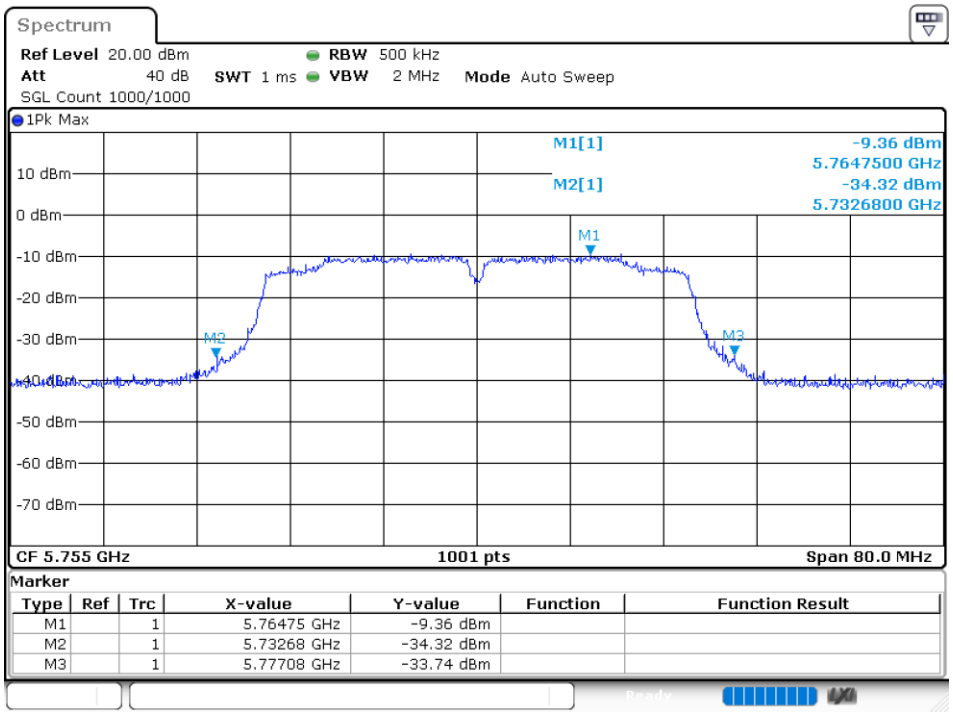
-26 dB BW NVNT 802.11ac20 5825MHz Ant1



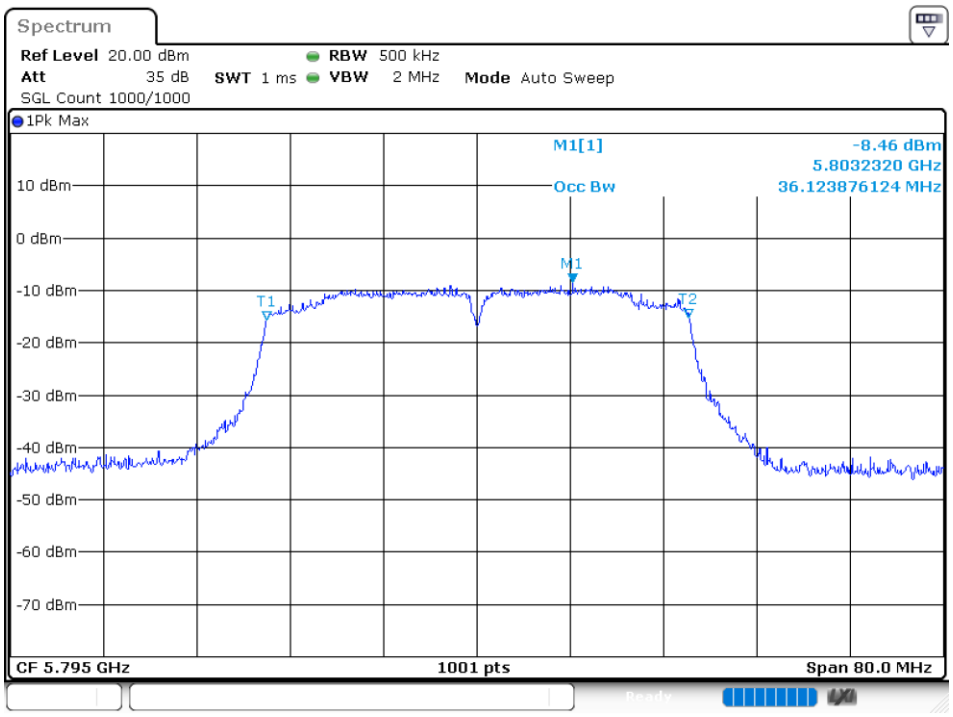
OBW NVNT 802.11ac40 5755MHz Ant1



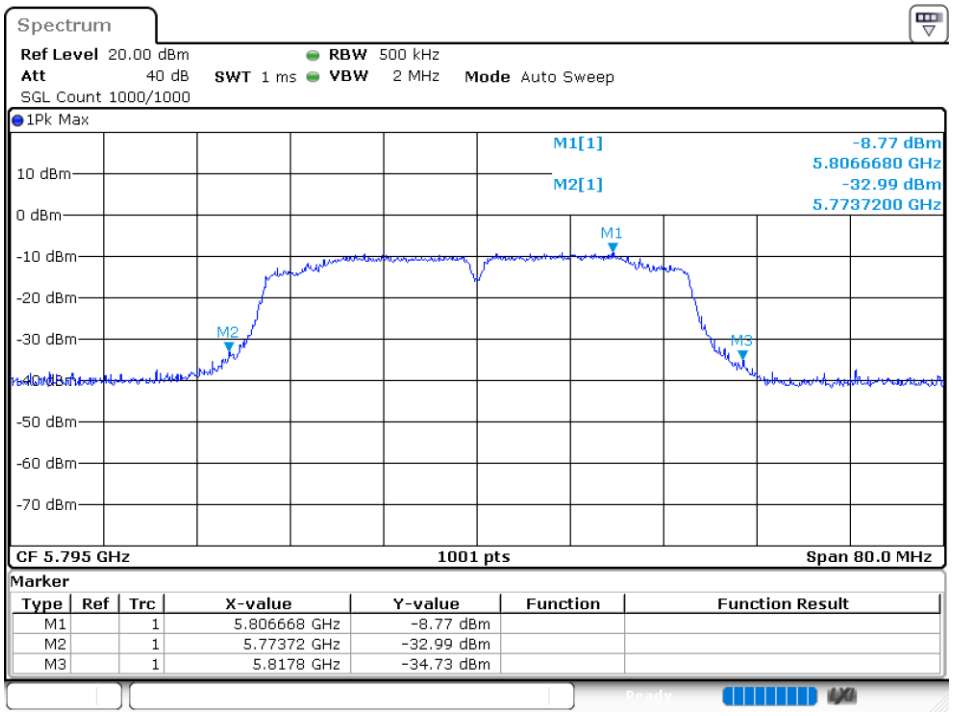
-26 dB BW NVNT 802.11ac40 5755MHz Ant1



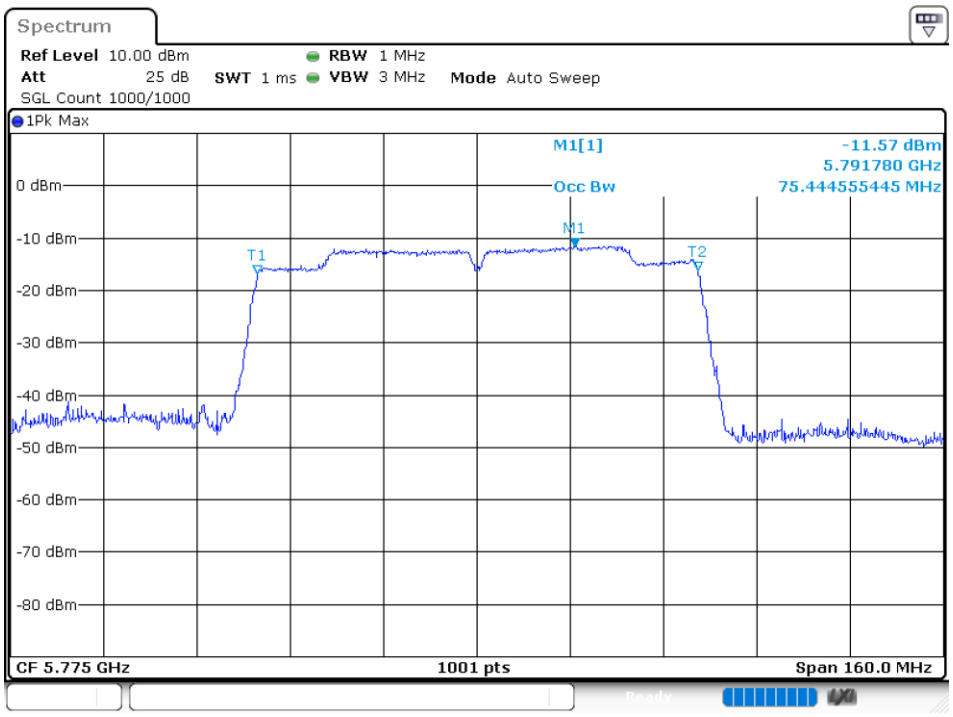
OBW NVNT 802.11ac40 5795MHz Ant1



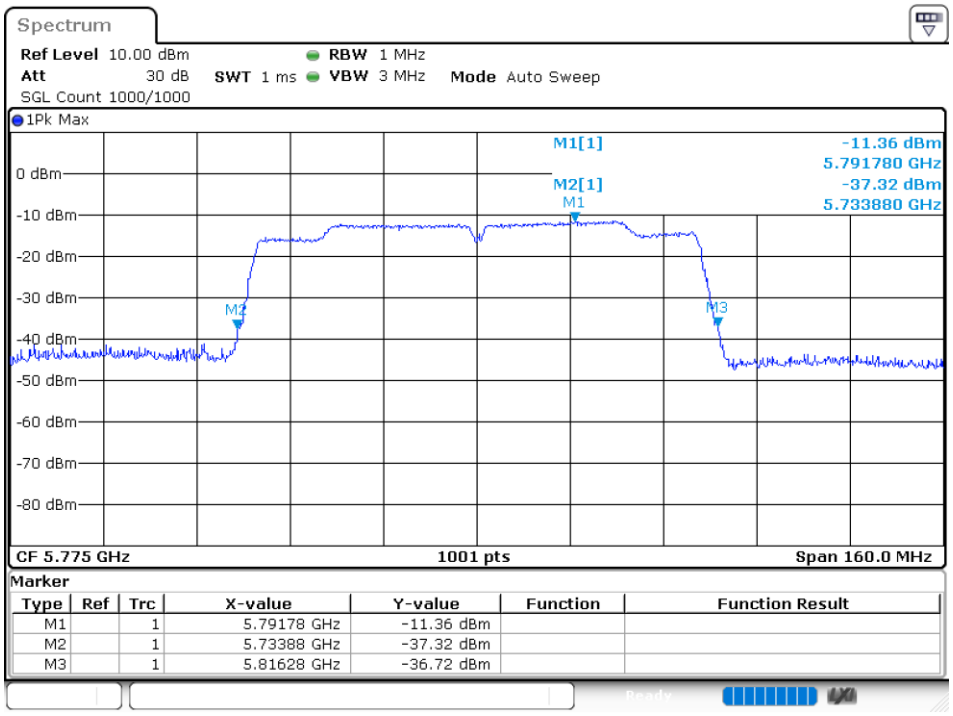
-26 dB BW NVNT 802.11ac40 5795MHz Ant1



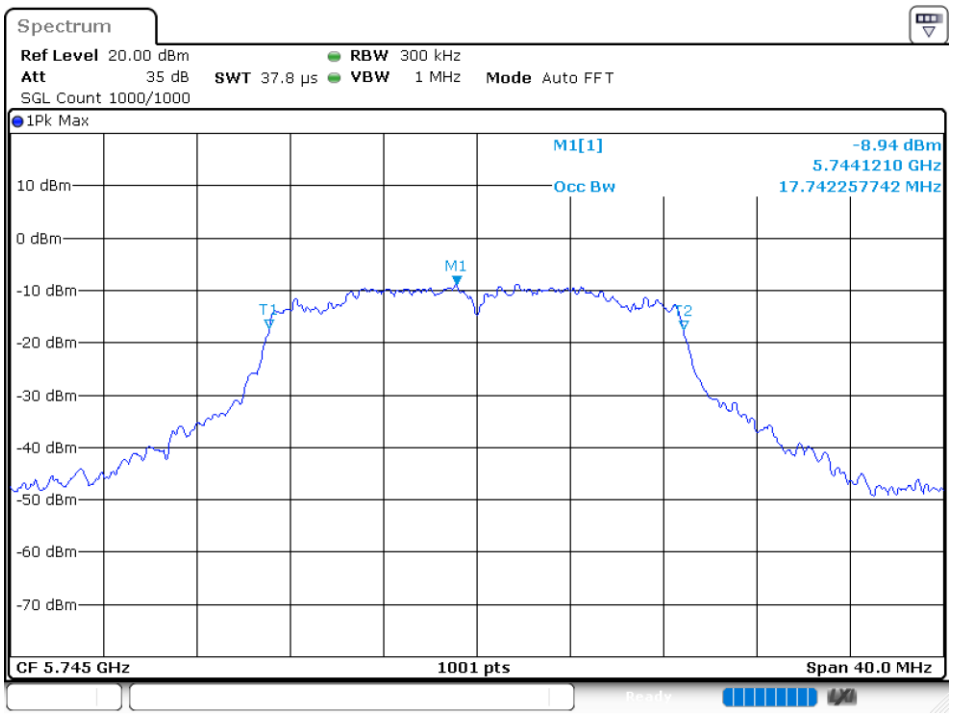
OBW NVNT 802.11ac80 5775MHz Ant1



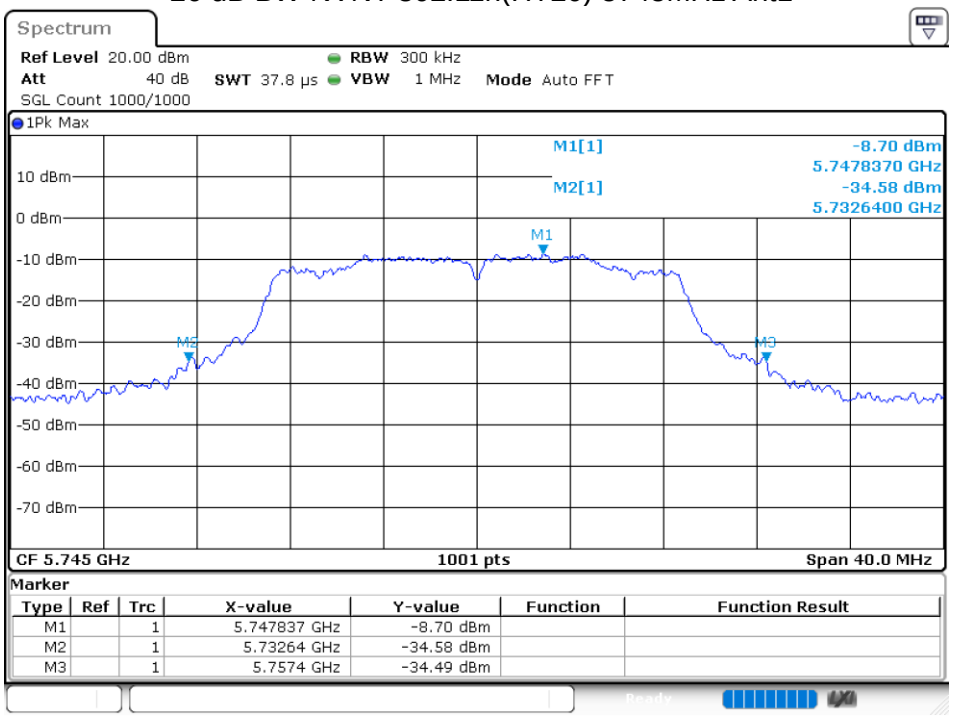
-26 dB BW NVNT 802.11ac80 5775MHz Ant1



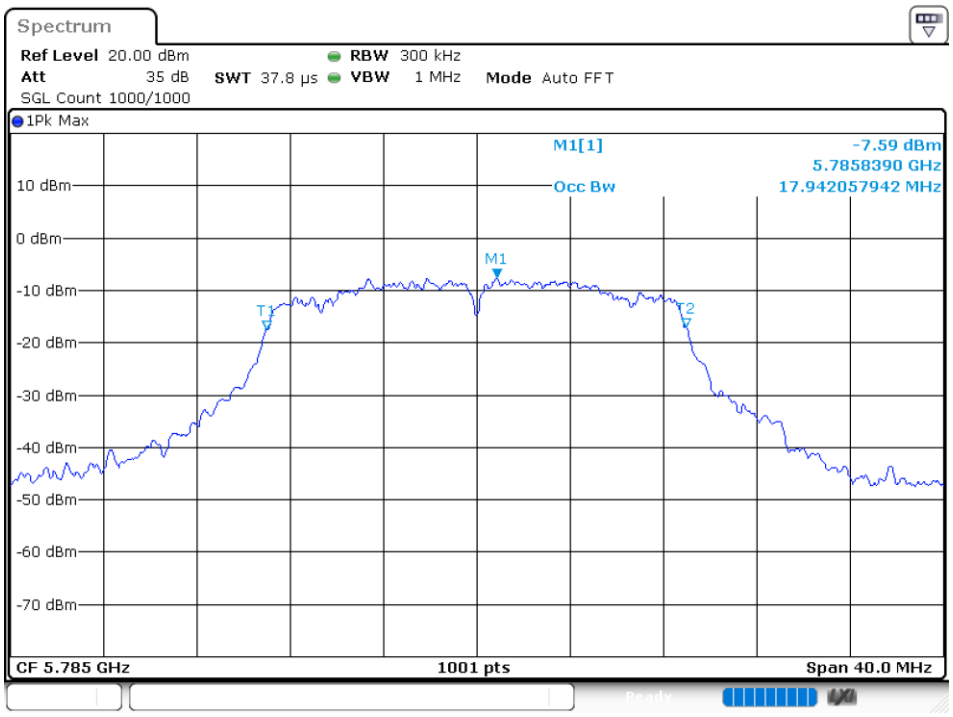
OBW NVNT 802.11n(HT20) 5745MHz Ant1



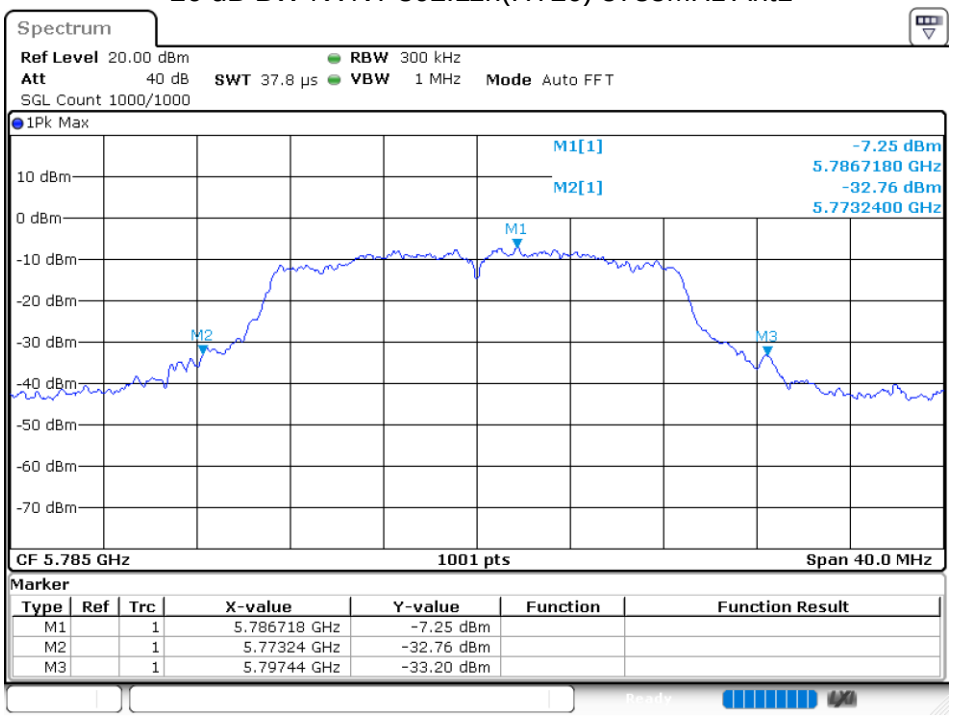
-26 dB BW NVNT 802.11n(HT20) 5745MHz Ant1



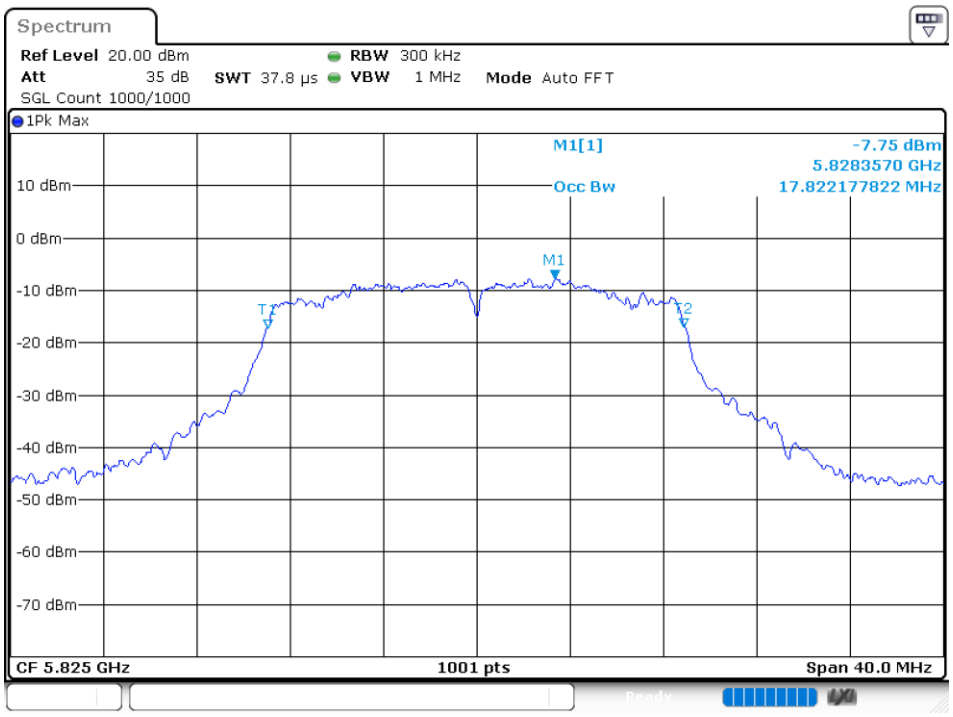
OBW NVNT 802.11n(HT20) 5785MHz Ant1



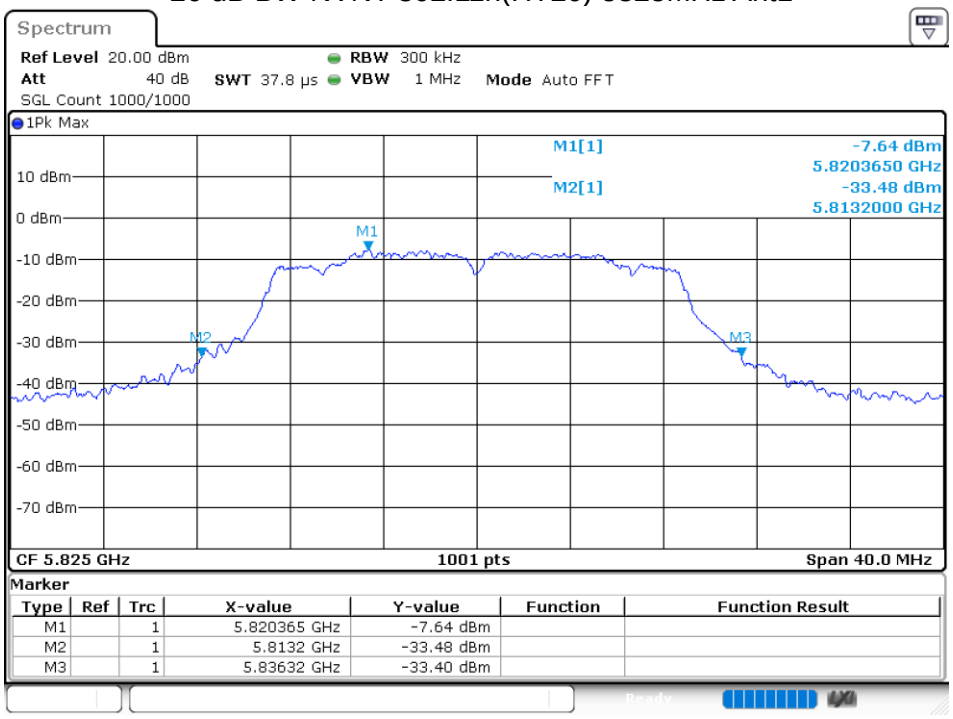
-26 dB BW NVNT 802.11n(HT20) 5785MHz Ant1



OBW NVNT 802.11n(HT20) 5825MHz Ant1



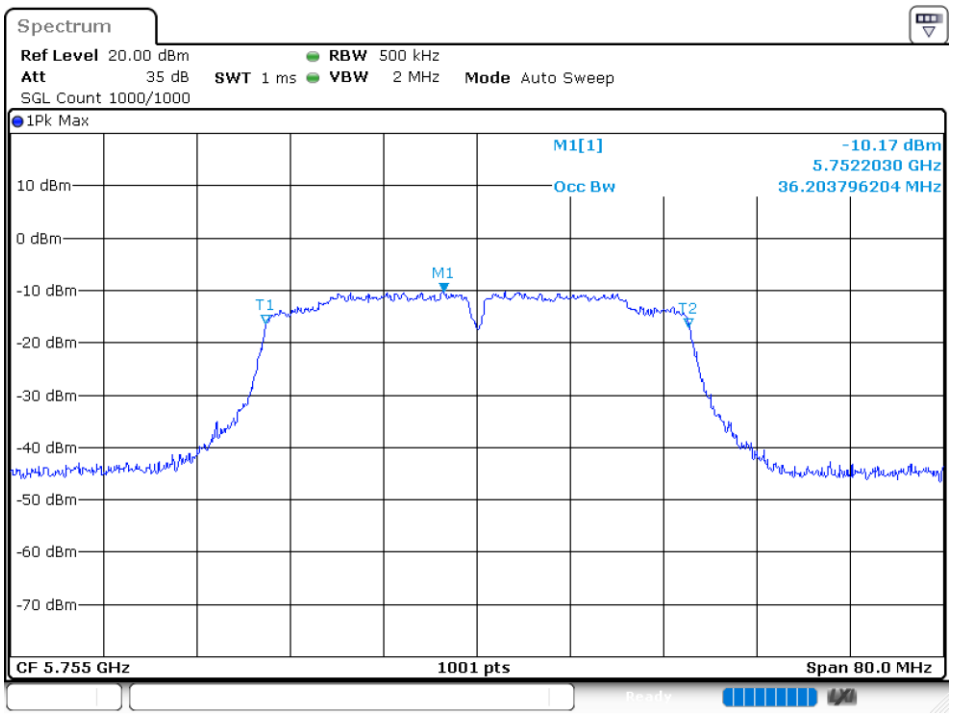
-26 dB BW NVNT 802.11n(HT20) 5825MHz Ant1



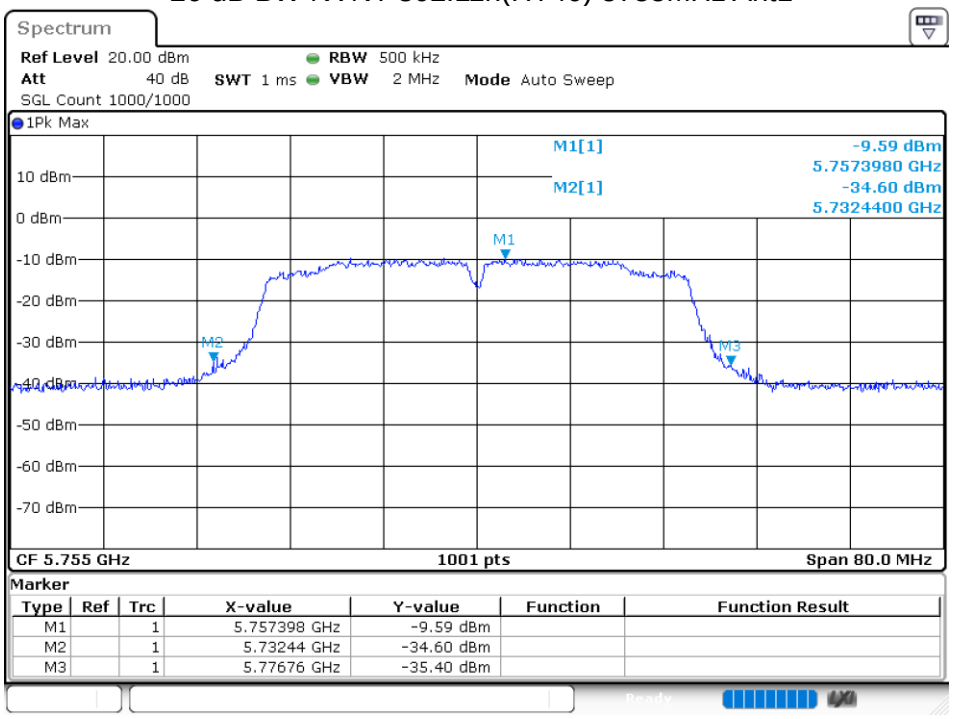
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.820365 GHz	-7.64 dBm		
M2		1	5.8132 GHz	-33.48 dBm		
M3		1	5.83632 GHz	-33.40 dBm		

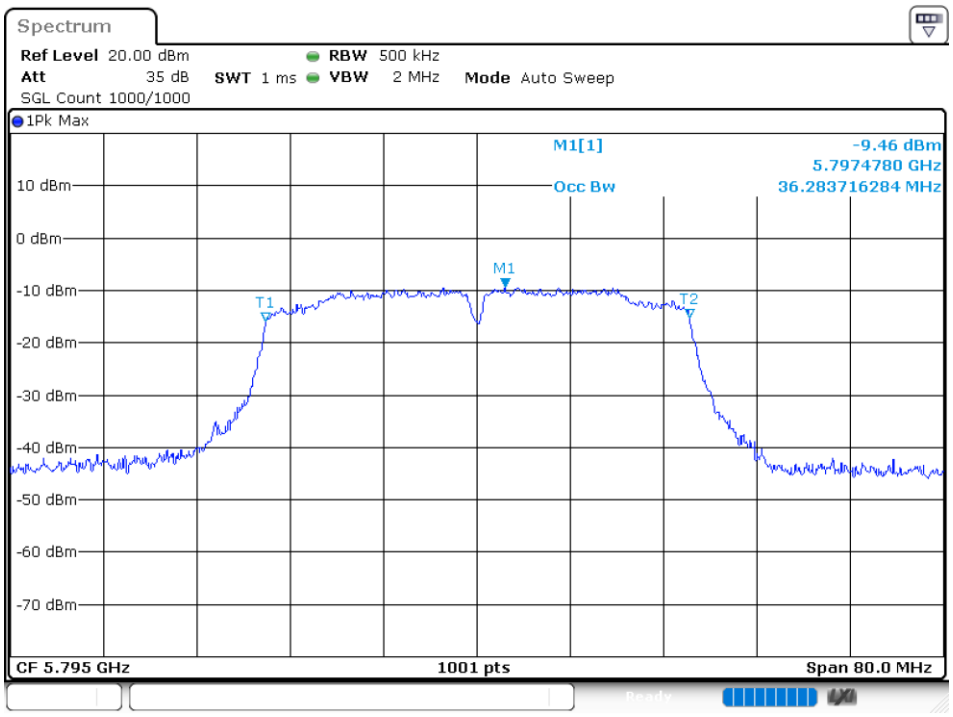
OBW NVNT 802.11n(HT40) 5755MHz Ant1



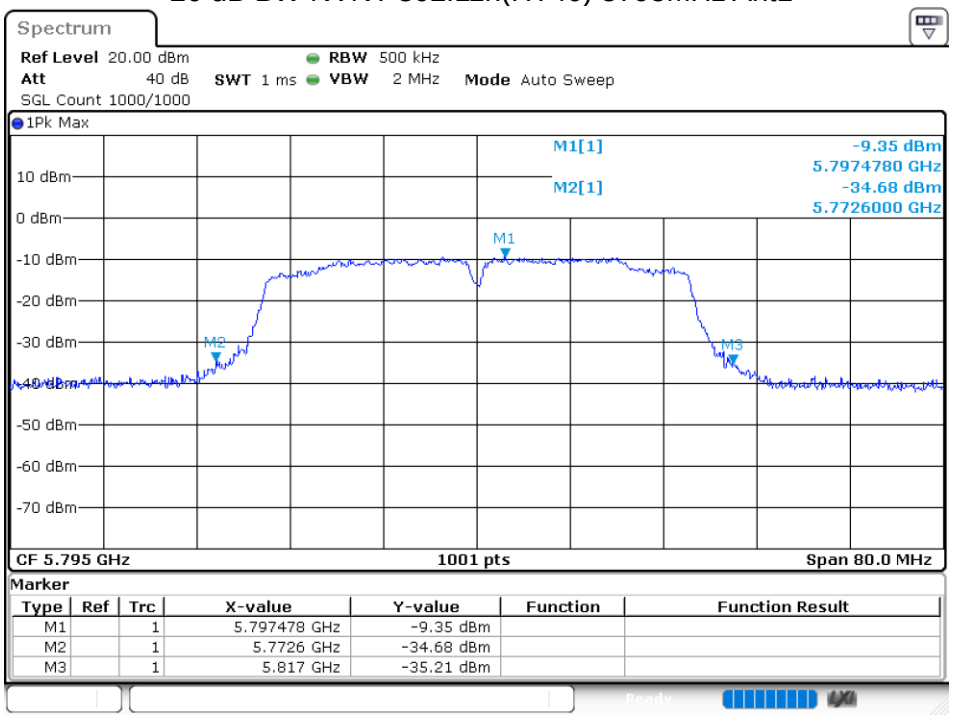
-26 dB BW NVNT 802.11n(HT40) 5755MHz Ant1



OBW NVNT 802.11n(HT40) 5795MHz Ant1



-26 dB BW NVNT 802.11n(HT40) 5795MHz Ant1



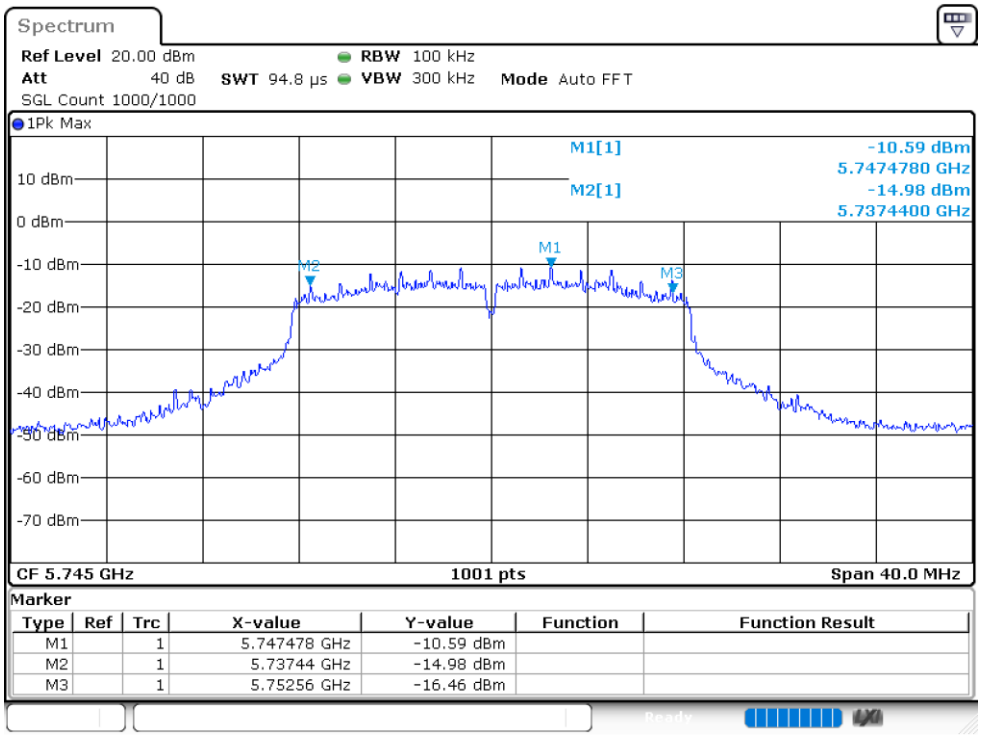
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.797478 GHz	-9.35 dBm		
M2		1	5.7726 GHz	-34.68 dBm		
M3		1	5.817 GHz	-35.21 dBm		

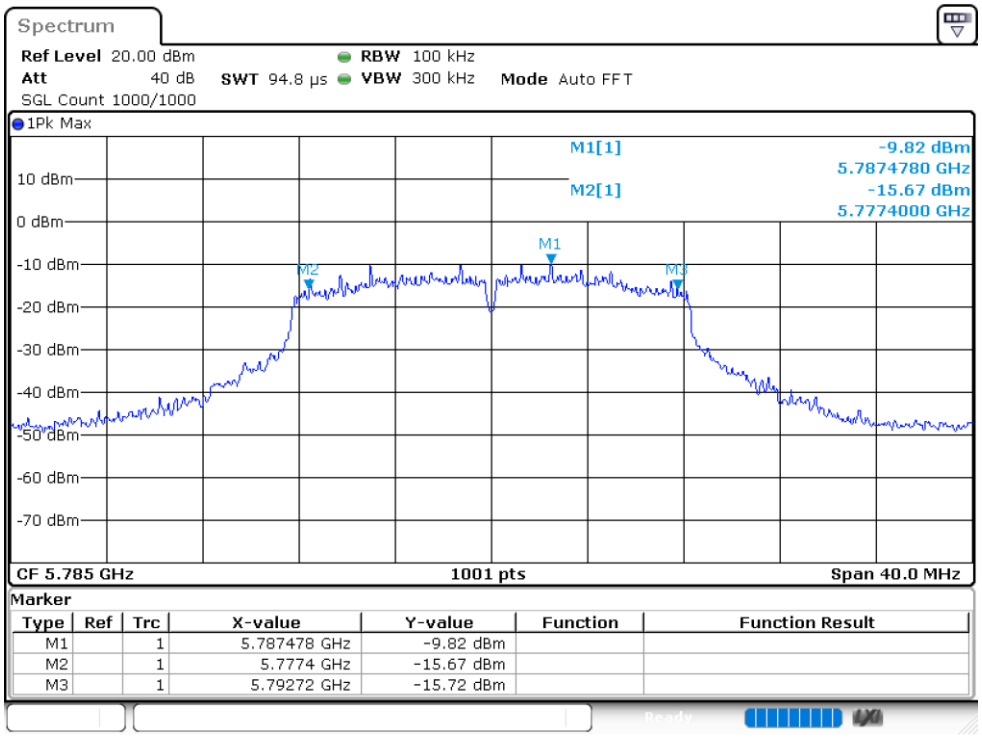
5.4 OCCUPIED CHANNEL BANDWIDTH (-6 dB)

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	802.11a	5745	Ant 1	15.12	≥0.5	Pass
NVNT	802.11a	5785	Ant 1	15.32	≥0.5	Pass
NVNT	802.11a	5825	Ant 1	15.16	≥0.5	Pass
NVNT	802.11ac20	5745	Ant 1	15.12	≥0.5	Pass
NVNT	802.11ac20	5785	Ant 1	15.12	≥0.5	Pass
NVNT	802.11ac20	5825	Ant 1	15.12	≥0.5	Pass
NVNT	802.11ac40	5755	Ant 1	35.12	≥0.5	Pass
NVNT	802.11ac40	5795	Ant 1	35.12	≥0.5	Pass
NVNT	802.11ac80	5775	Ant 1	75.2	≥0.5	Pass
NVNT	802.11n(HT20)	5745	Ant 1	15.72	≥0.5	Pass
NVNT	802.11n(HT20)	5785	Ant 1	15.12	≥0.5	Pass
NVNT	802.11n(HT20)	5825	Ant 1	15.48	≥0.5	Pass
NVNT	802.11n(HT40)	5755	Ant 1	35.04	≥0.5	Pass
NVNT	802.11n(HT40)	5795	Ant 1	35.12	≥0.5	Pass

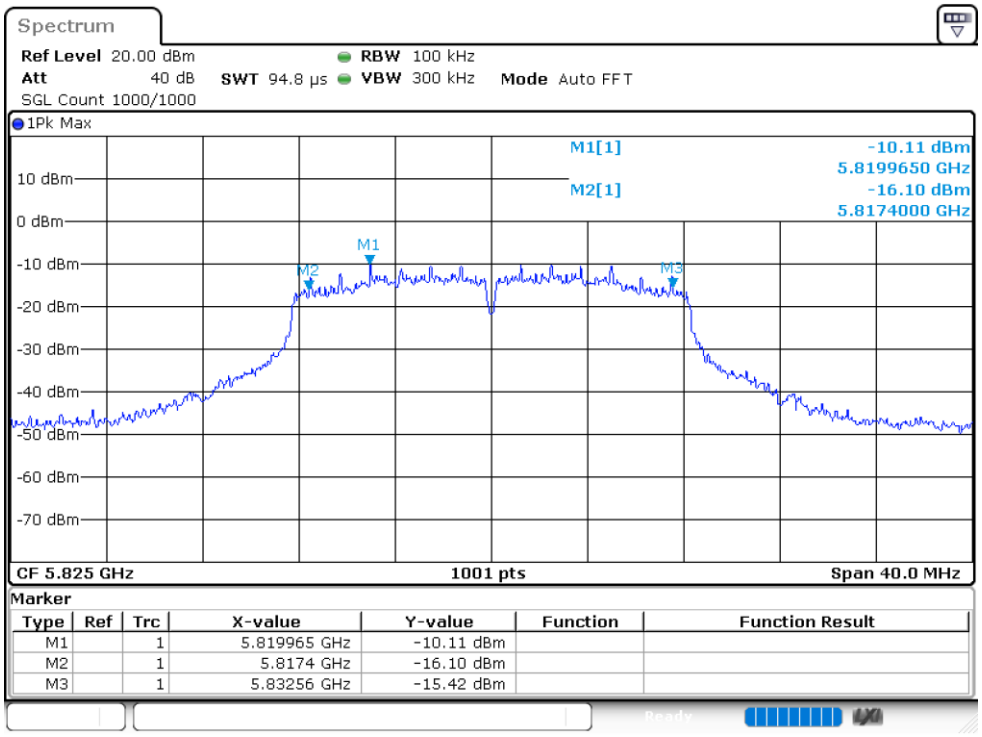
EBW NVNT 802.11a 5745MHz Ant1



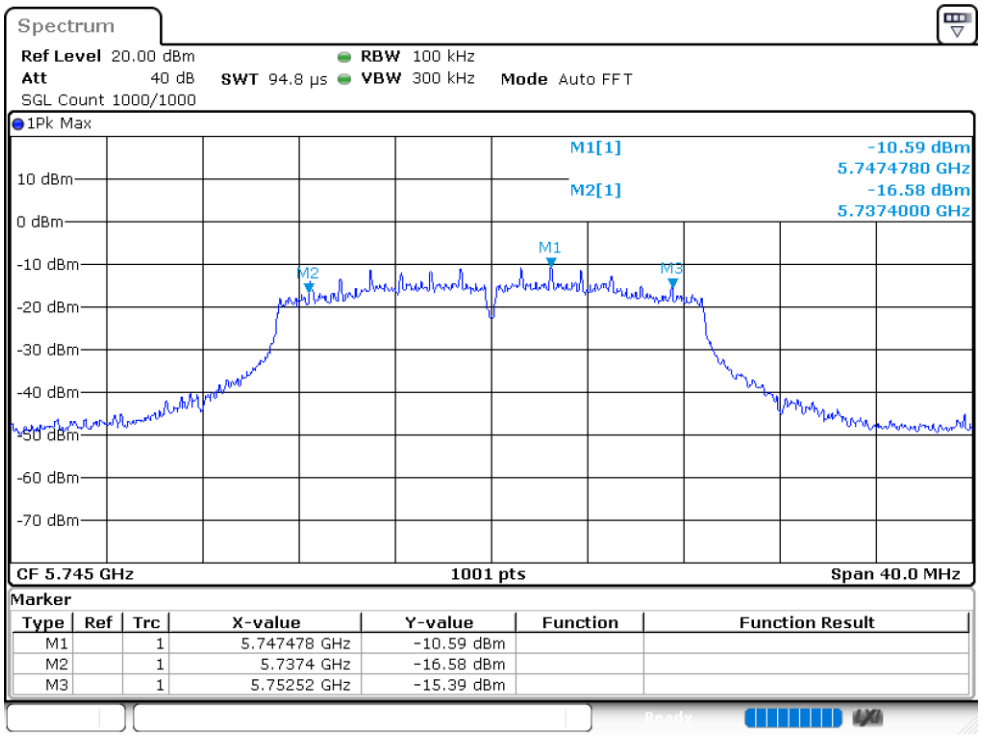
EBW NVNT 802.11a 5785MHz Ant1



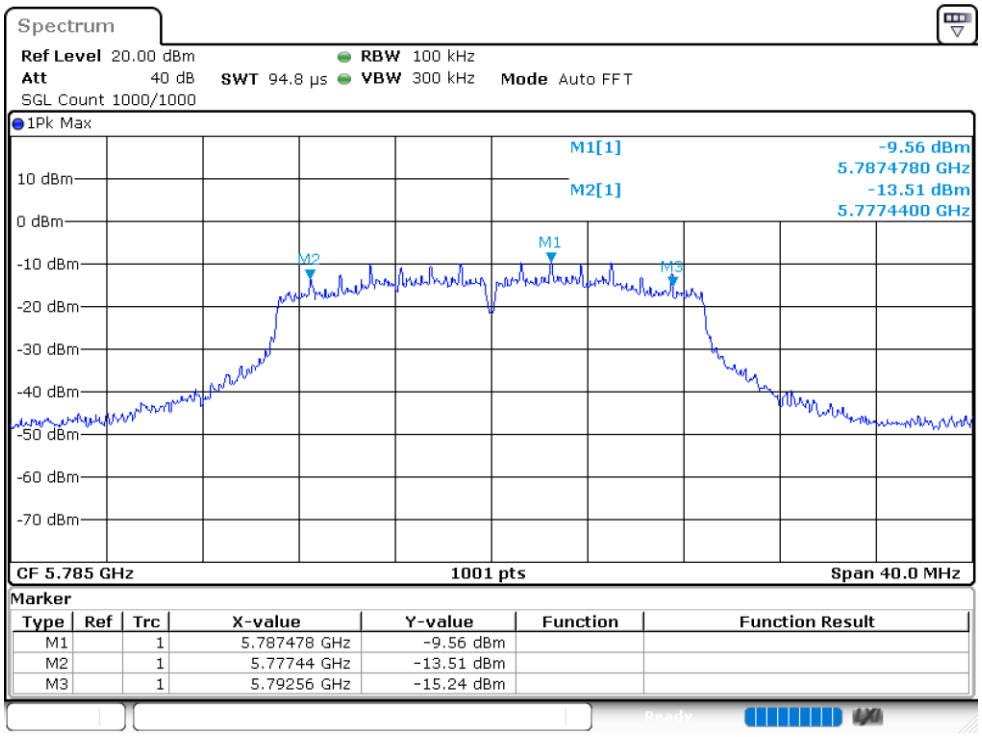
EBW NVNT 802.11a 5825MHz Ant1



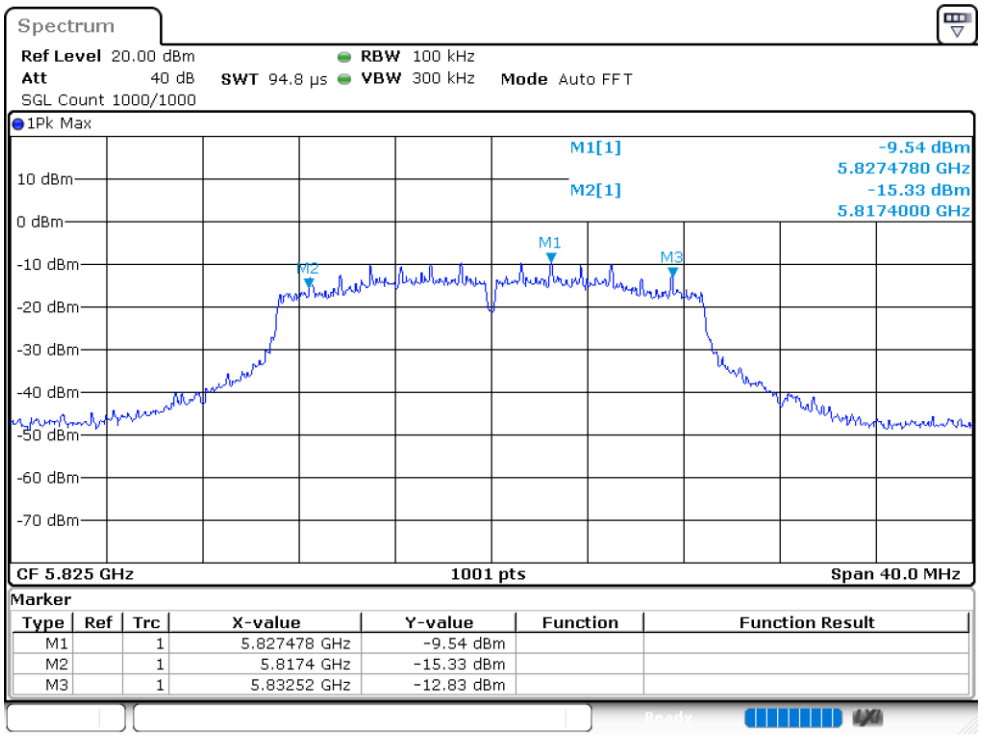
EBW NVNT 802.11ac20 5745MHz Ant1



EBW NVNT 802.11ac20 5785MHz Ant1



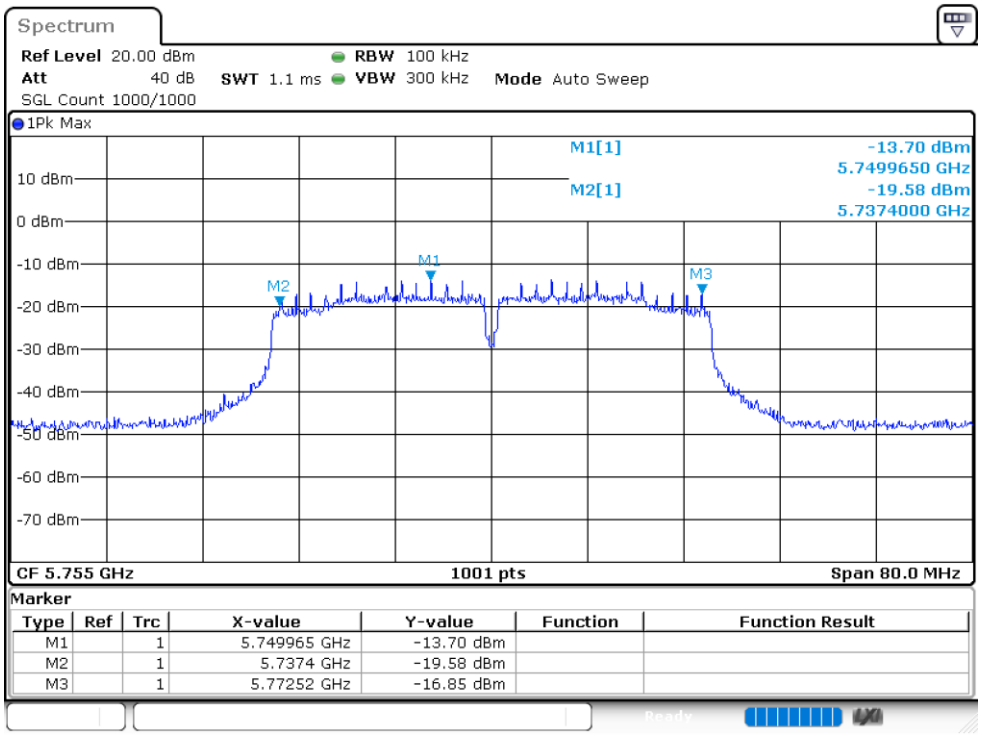
EBW NVNT 802.11ac20 5825MHz Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.827478 GHz	-9.54 dBm		
M2		1	5.8174 GHz	-15.33 dBm		
M3		1	5.83252 GHz	-12.83 dBm		

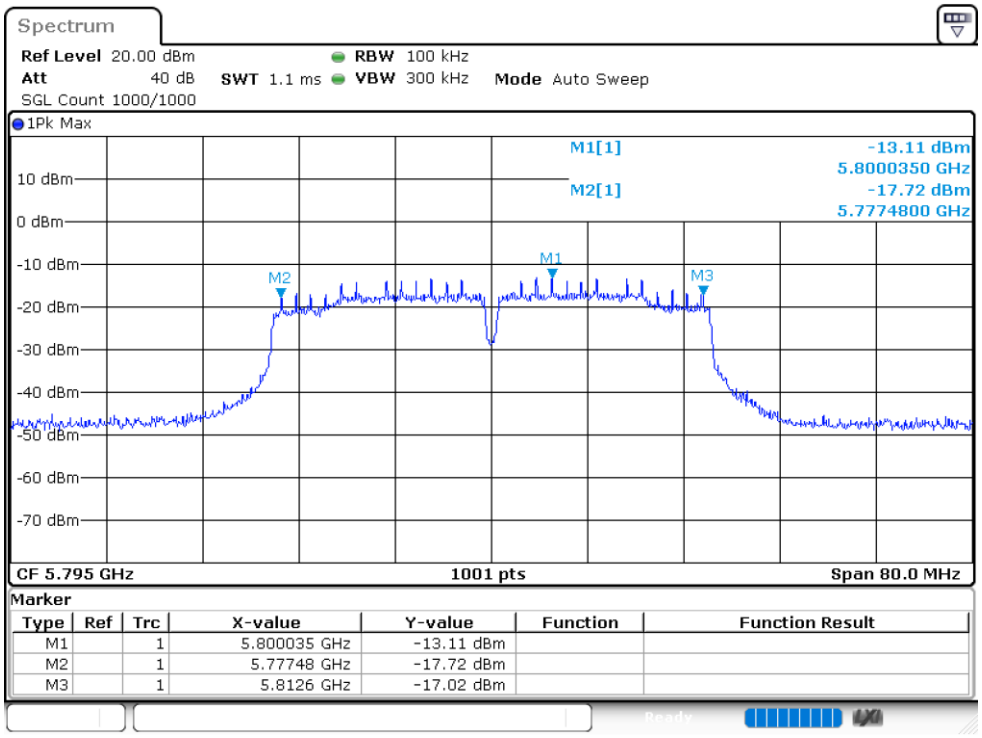
EBW NVNT 802.11ac40 5755MHz Ant1



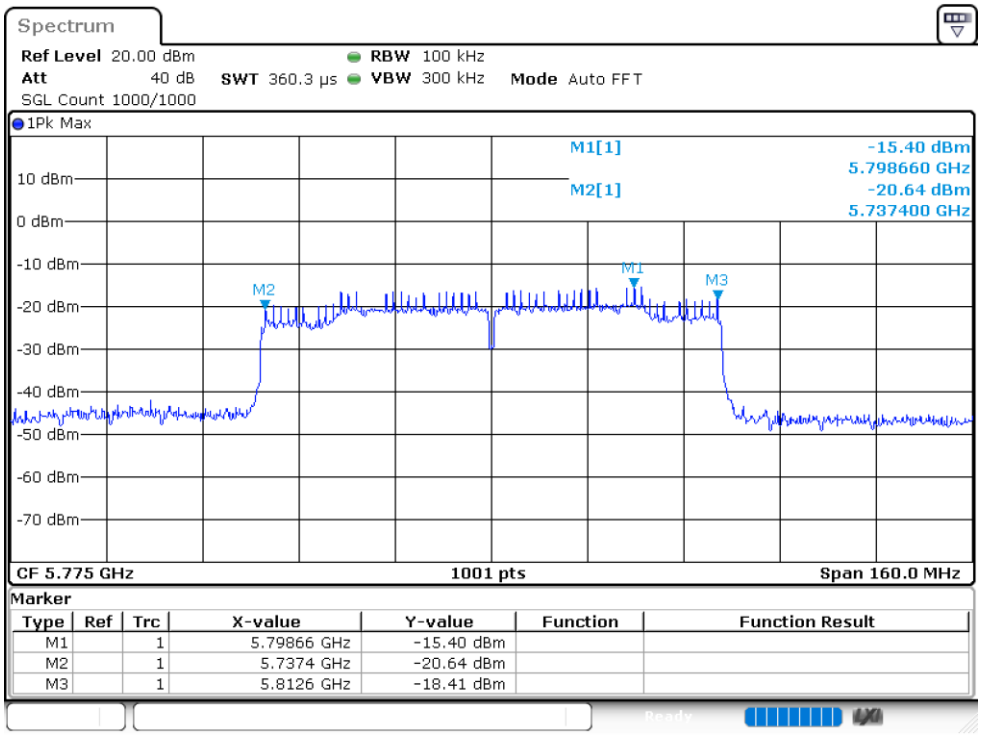
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.749965 GHz	-13.70 dBm		
M2		1	5.7374 GHz	-19.58 dBm		
M3		1	5.77252 GHz	-16.85 dBm		

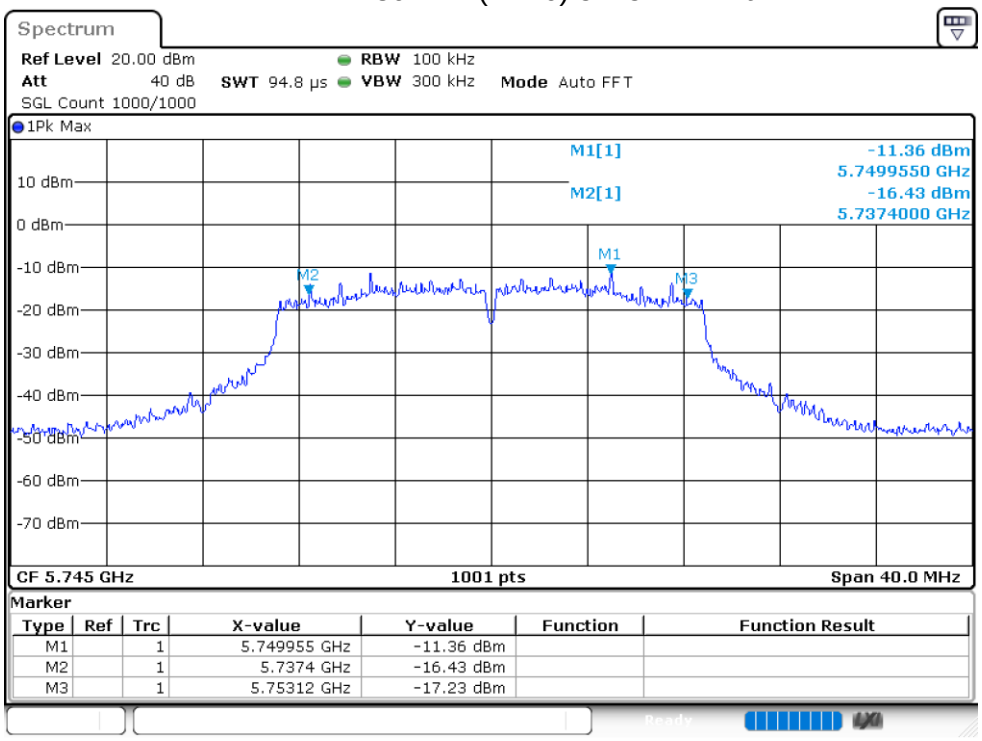
EBW NVNT 802.11ac40 5795MHz Ant1



EBW NVNT 802.11ac80 5775MHz Ant1



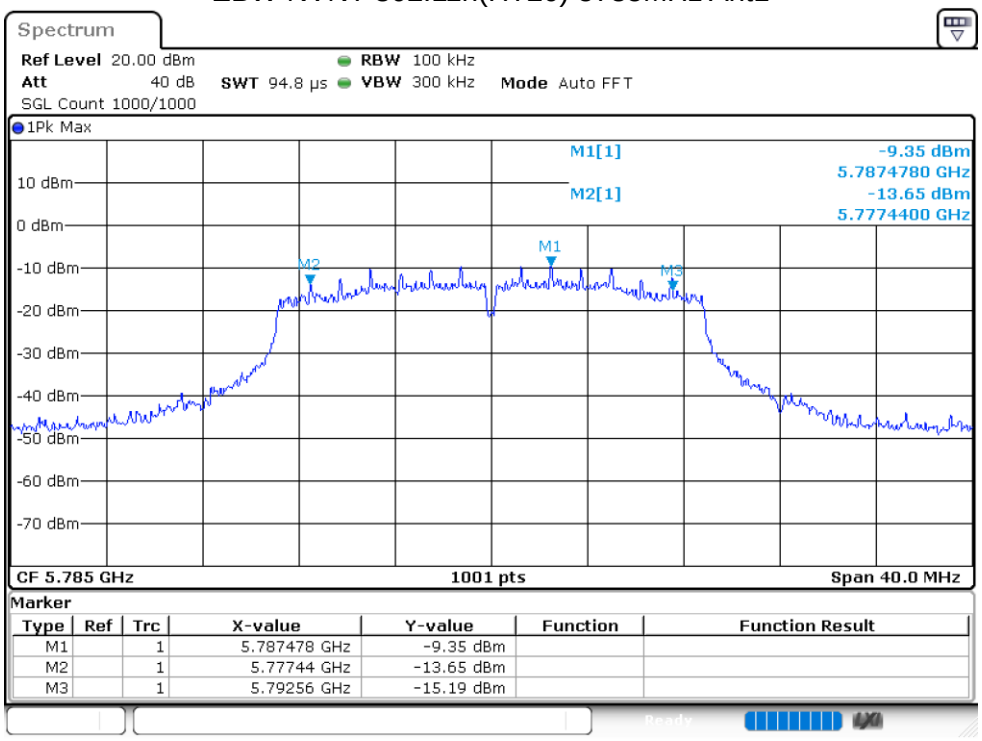
EBW NVNT 802.11n(HT20) 5745MHz Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.749955 GHz	-11.36 dBm		
M2		1	5.7374 GHz	-16.43 dBm		
M3		1	5.75312 GHz	-17.23 dBm		

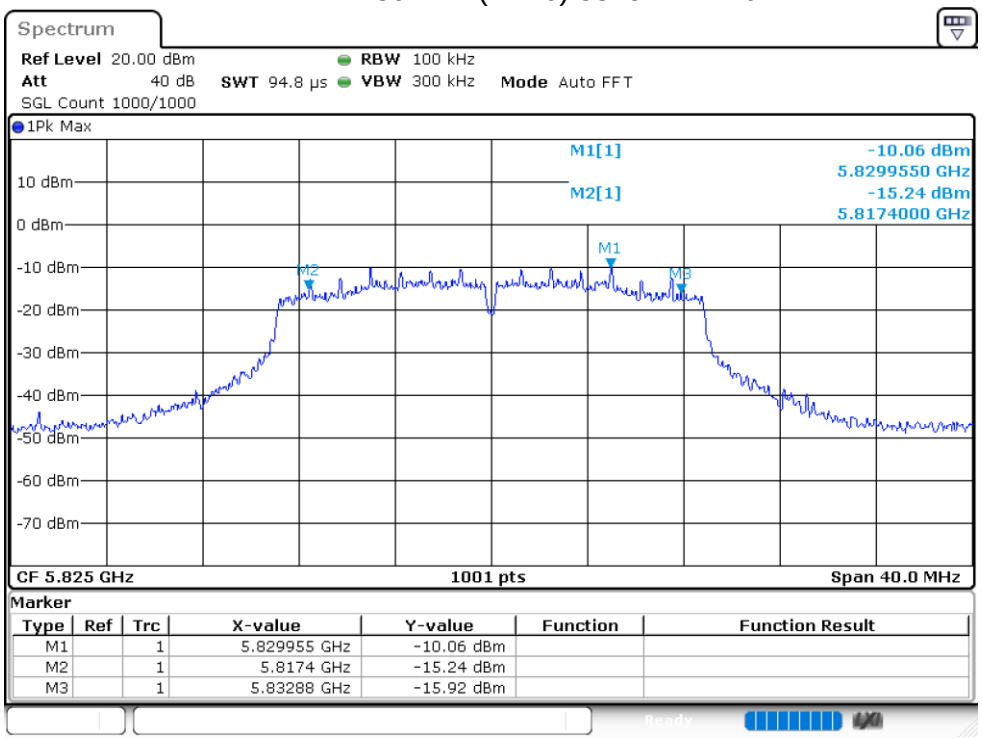
EBW NVNT 802.11n(HT20) 5785MHz Ant1



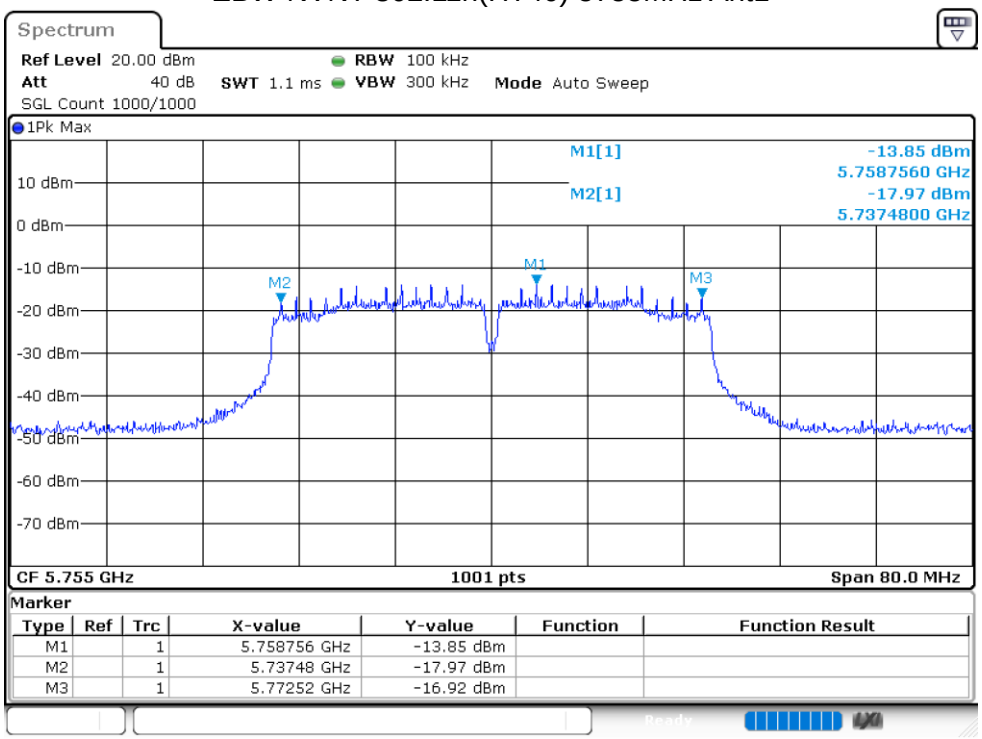
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.787478 GHz	-9.35 dBm		
M2		1	5.77744 GHz	-13.65 dBm		
M3		1	5.79256 GHz	-15.19 dBm		

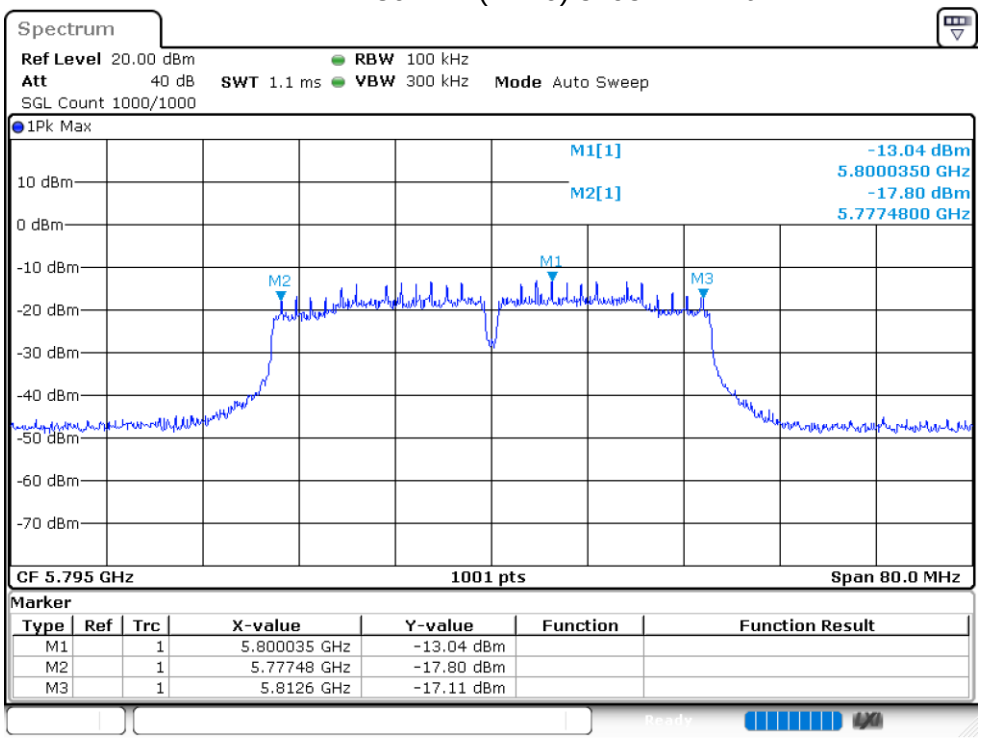
EBW NVNT 802.11n(HT20) 5825MHz Ant1



EBW NVNT 802.11n(HT40) 5755MHz Ant1



EBW NVNT 802.11n(HT40) 5795MHz Ant1



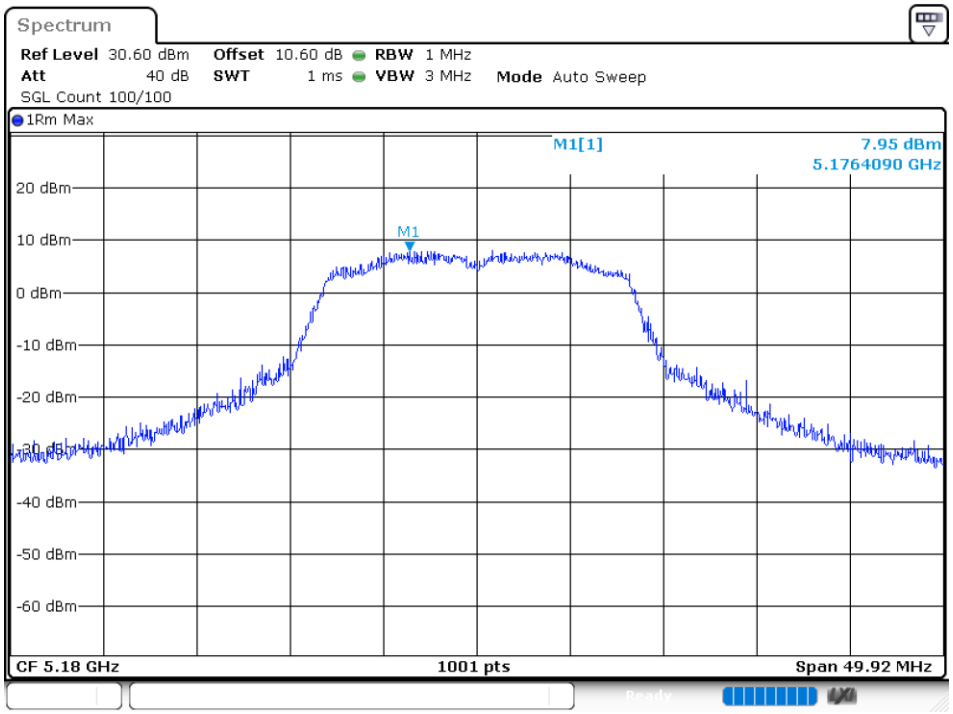
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.800035 GHz	-13.04 dBm		
M2		1	5.77748 GHz	-17.80 dBm		
M3		1	5.8126 GHz	-17.11 dBm		

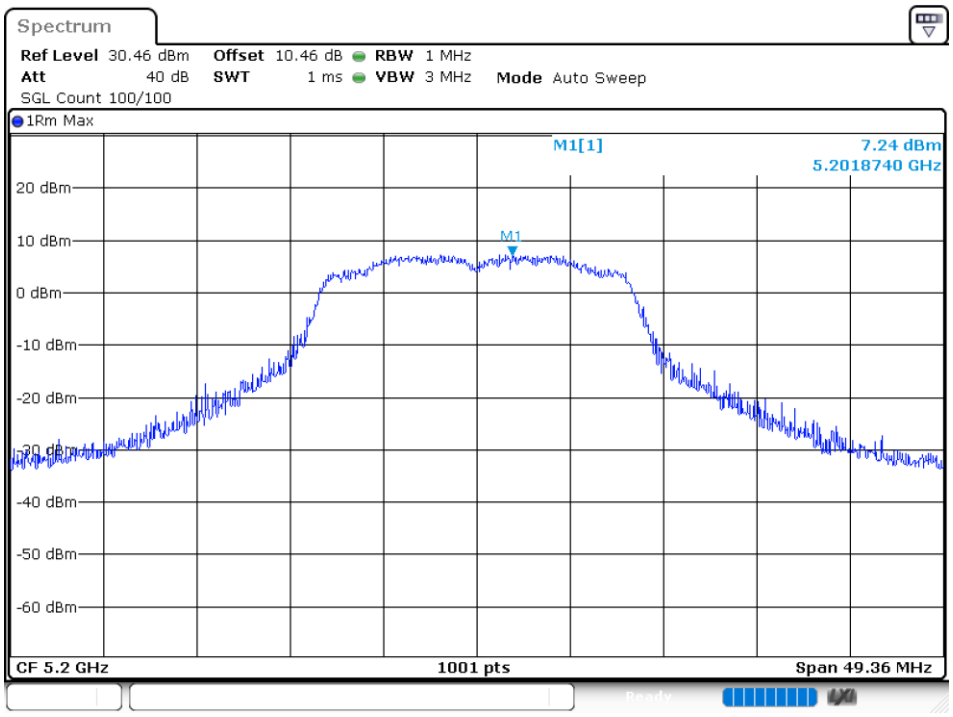
5.5 MAXIMUM POWER SPECTRAL DENSITY LEVEL

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5180	Ant 1	7.951	11	Pass
NVNT	802.11a	5200	Ant 1	7.237	11	Pass
NVNT	802.11a	5240	Ant 1	7.171	11	Pass
NVNT	802.11ac20	5180	Ant 1	7.239	11	Pass
NVNT	802.11ac20	5200	Ant 1	7.331	11	Pass
NVNT	802.11ac20	5240	Ant 1	6.822	11	Pass
NVNT	802.11ac40	5190	Ant 1	4.529	11	Pass
NVNT	802.11ac40	5230	Ant 1	4.554	11	Pass
NVNT	802.11ac80	5210	Ant 1	1.066	11	Pass
NVNT	802.11n(HT20)	5180	Ant 1	7.513	11	Pass
NVNT	802.11n(HT20)	5200	Ant 1	7.242	11	Pass
NVNT	802.11n(HT20)	5240	Ant 1	6.938	11	Pass
NVNT	802.11n(HT40)	5190	Ant 1	3.969	11	Pass
NVNT	802.11n(HT40)	5230	Ant 1	3.989	11	Pass

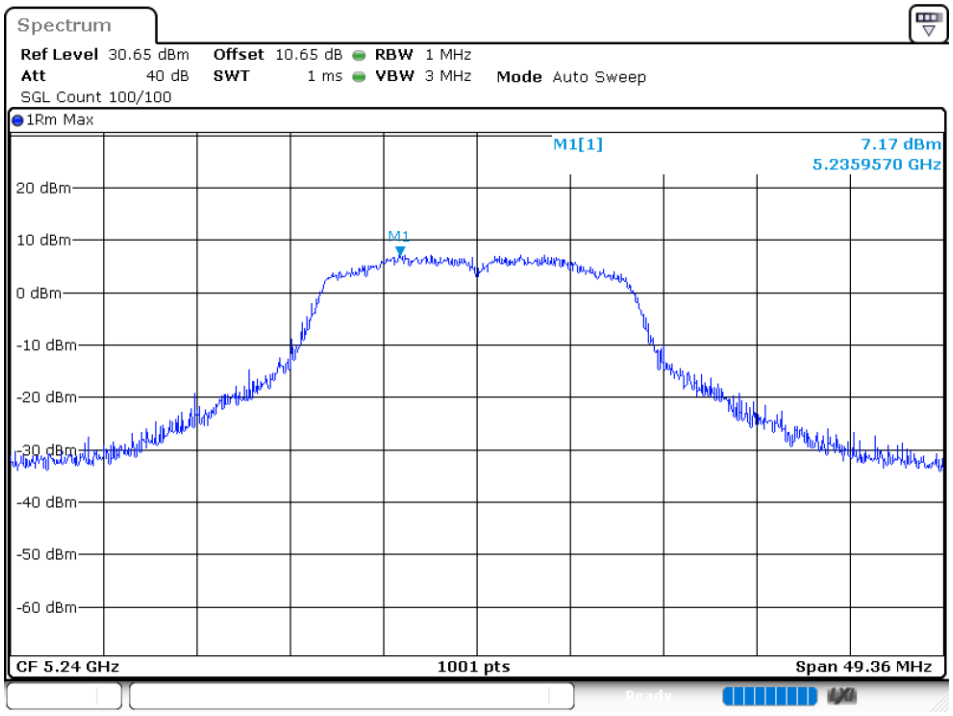
PSD NVNT 802.11a 5180MHz Ant1



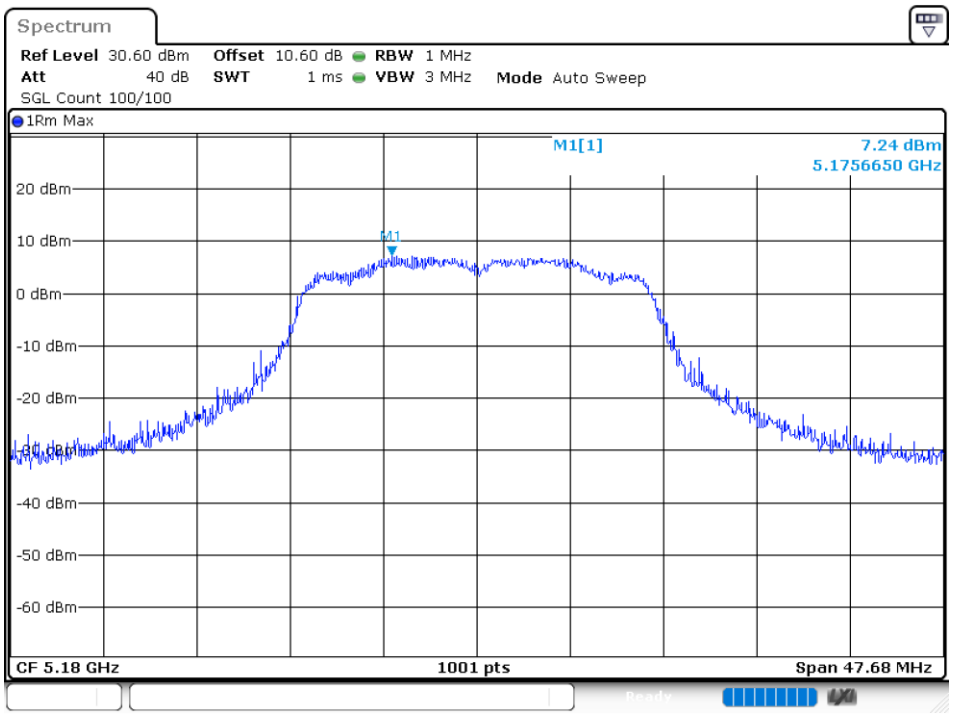
PSD NVNT 802.11a 5200MHz Ant1



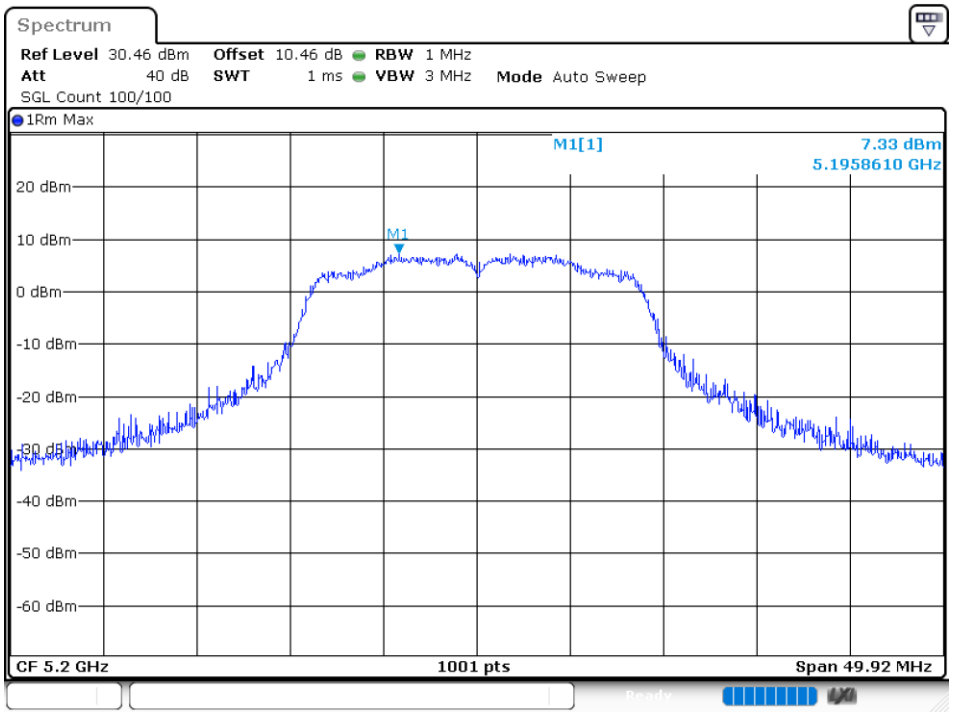
PSD NVNT 802.11a 5240MHz Ant1



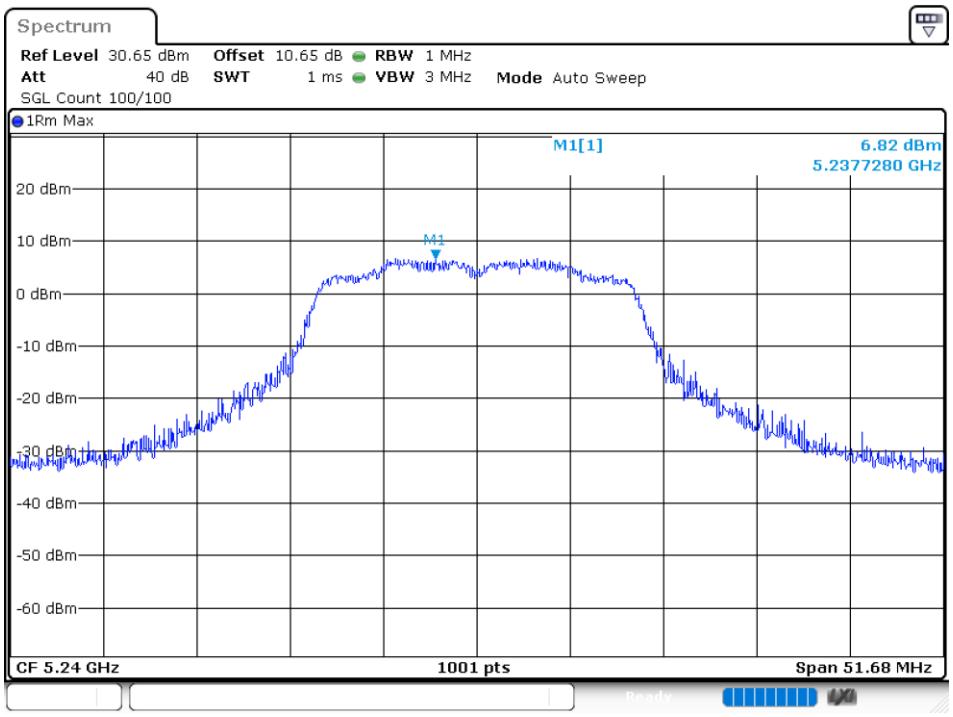
PSD NVNT 802.11ac20 5180MHz Ant1



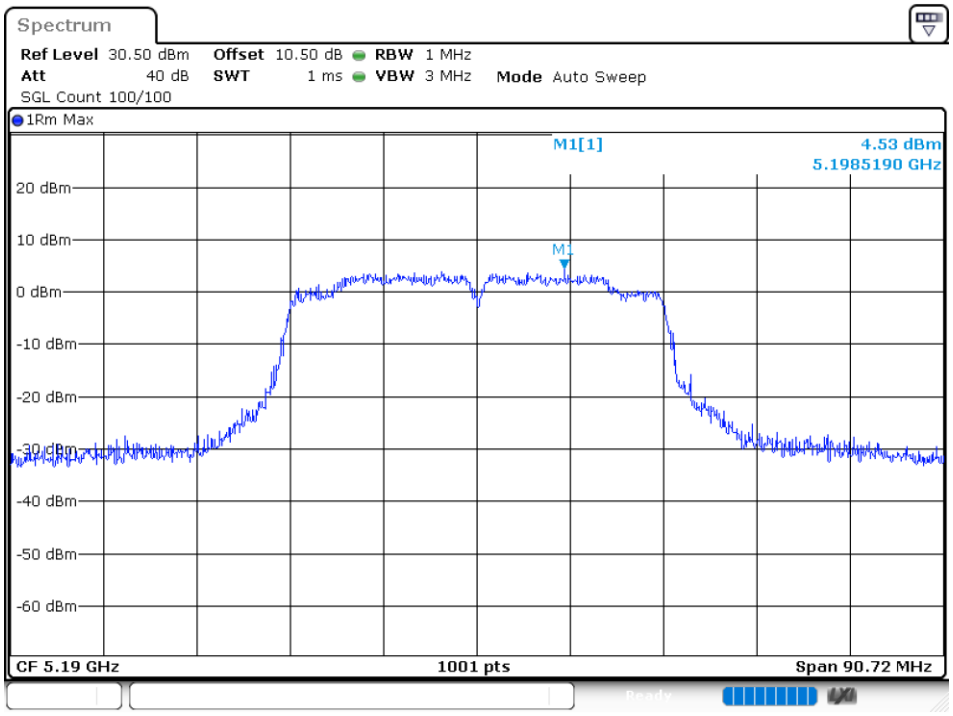
PSD NVNT 802.11ac20 5200MHz Ant1



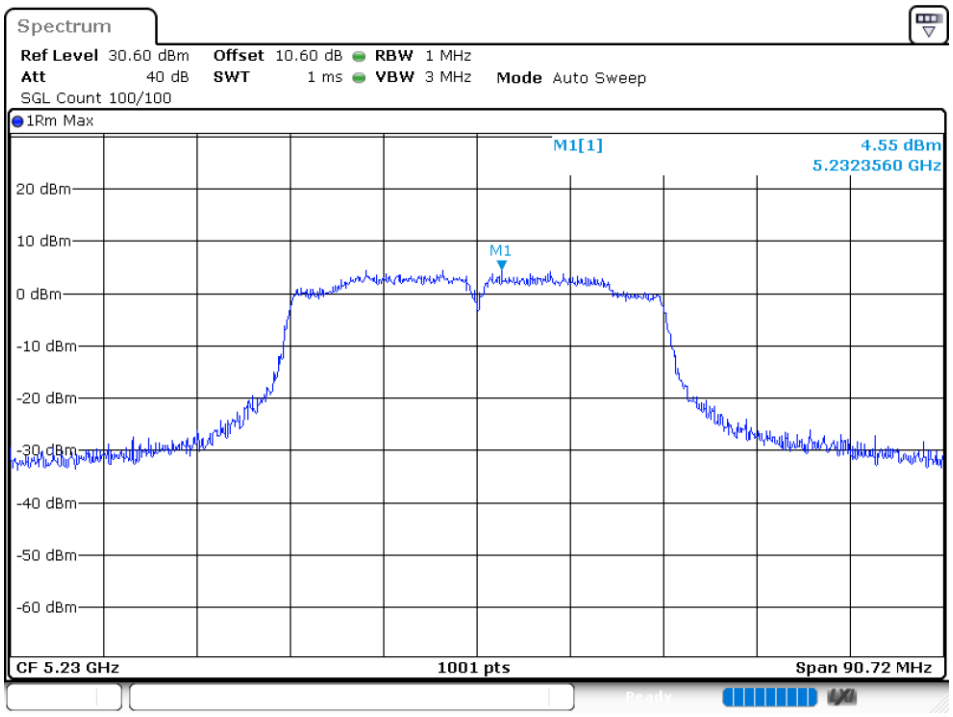
PSD NVNT 802.11ac20 5240MHz Ant1



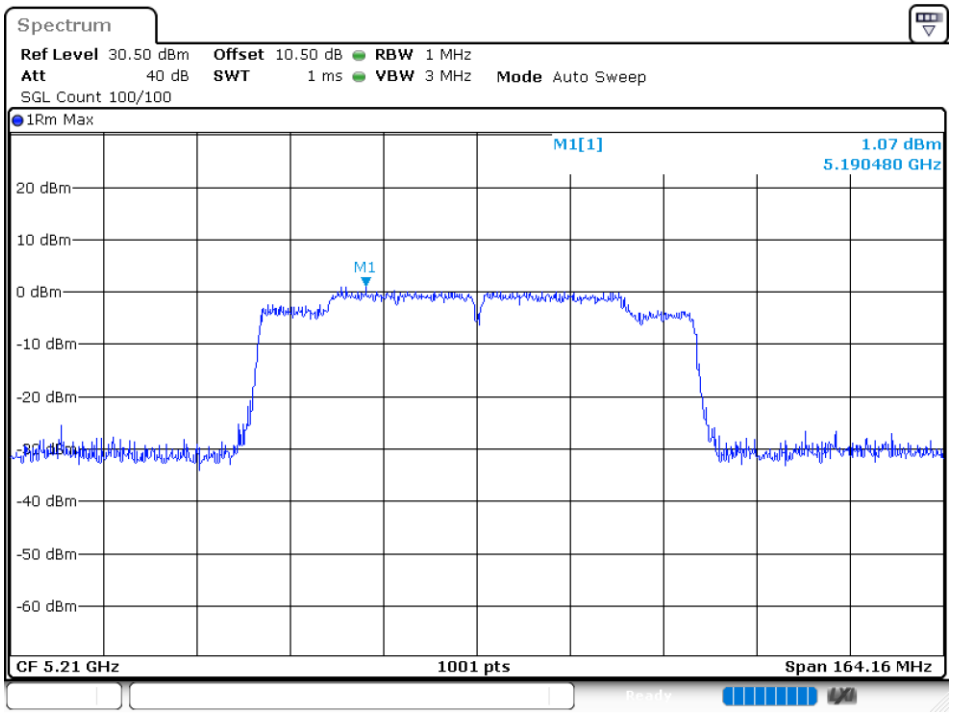
PSD NVNT 802.11ac40 5190MHz Ant1



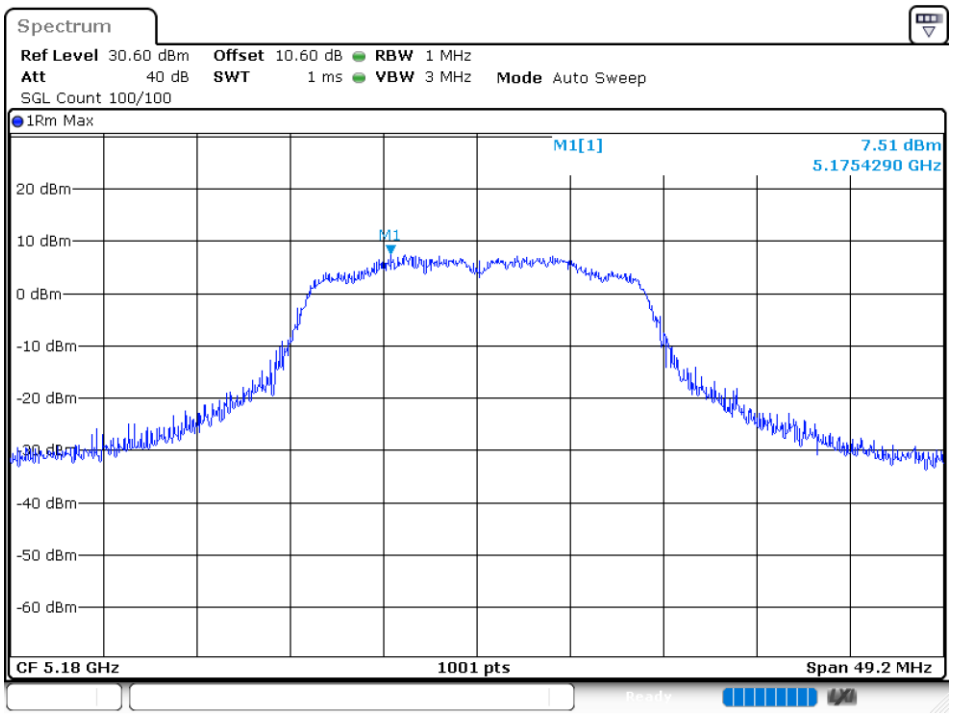
PSD NVNT 802.11ac40 5230MHz Ant1



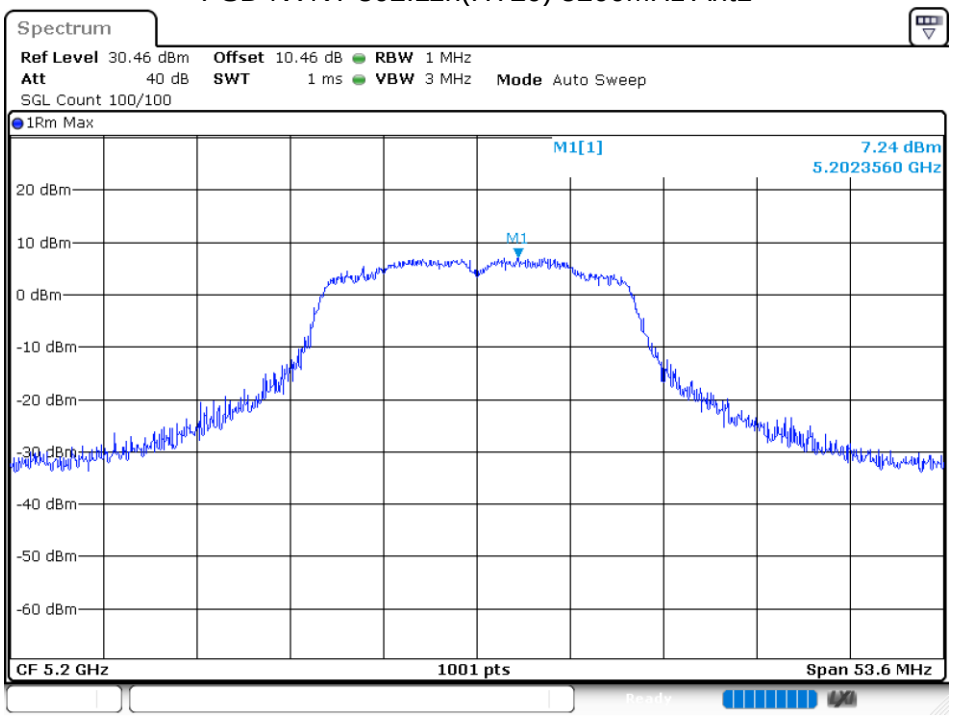
PSD NVNT 802.11ac80 5210MHz Ant1



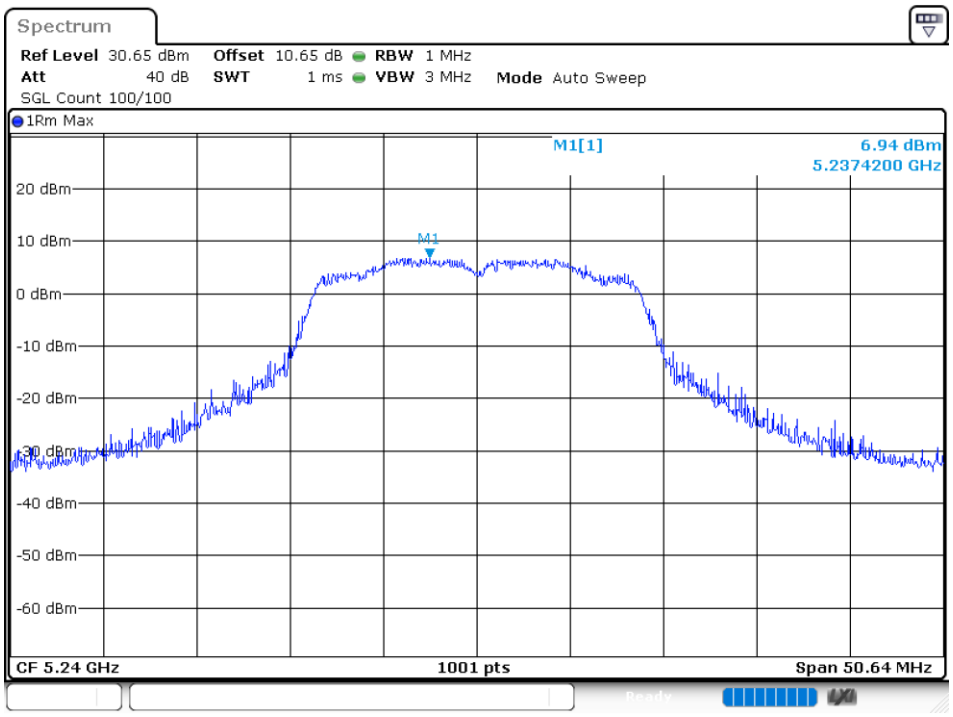
PSD NVNT 802.11n(HT20) 5180MHz Ant1



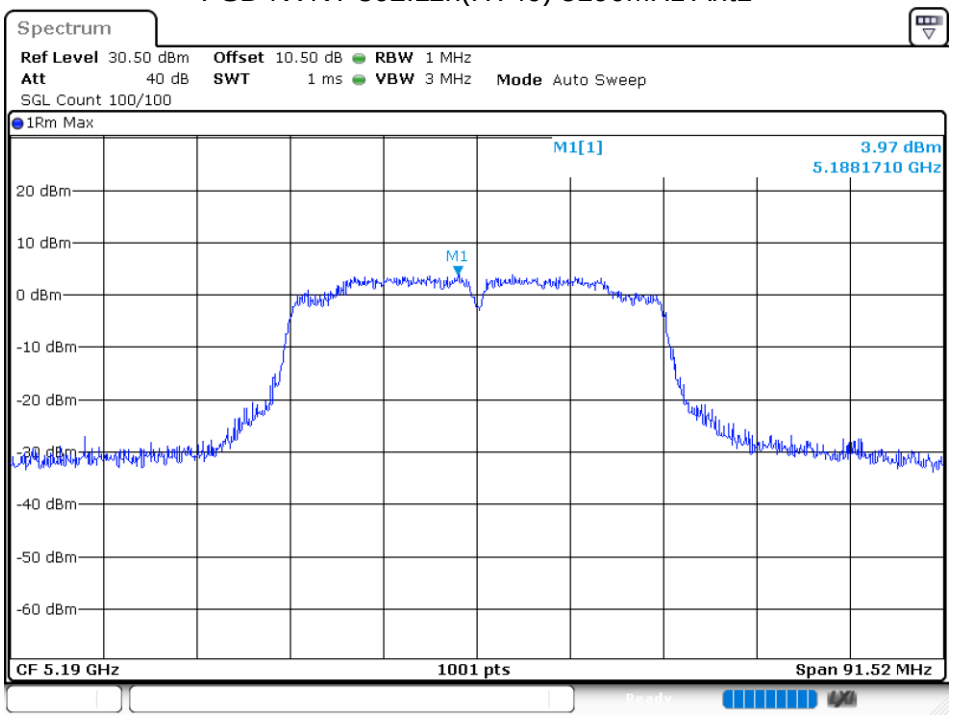
PSD NVNT 802.11n(HT20) 5200MHz Ant1



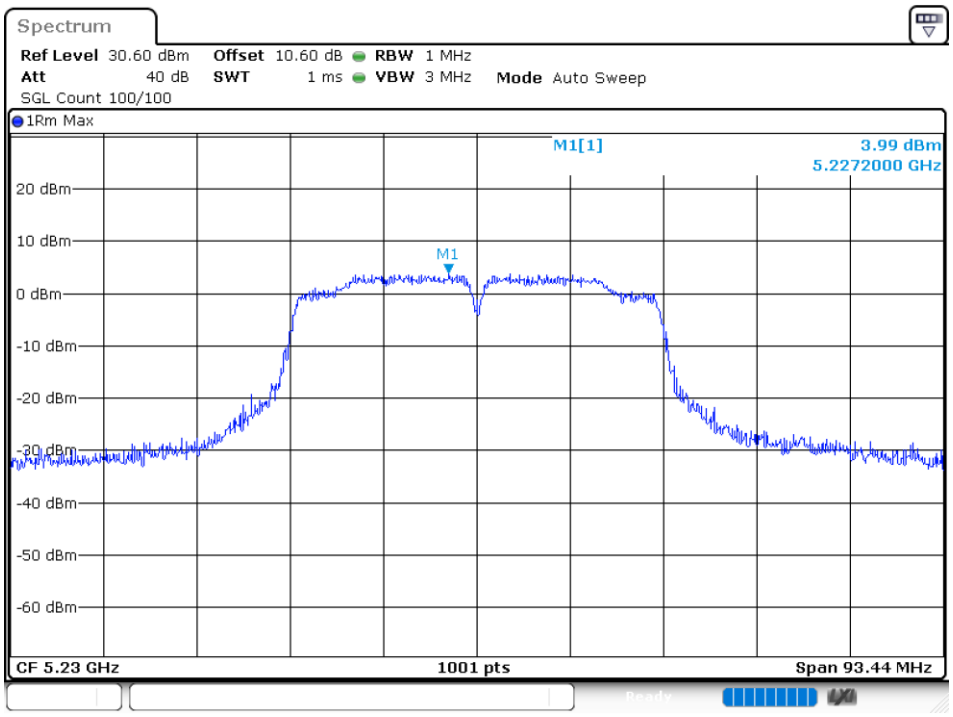
PSD NVNT 802.11n(HT20) 5240MHz Ant1



PSD NVNT 802.11n(HT40) 5190MHz Ant1

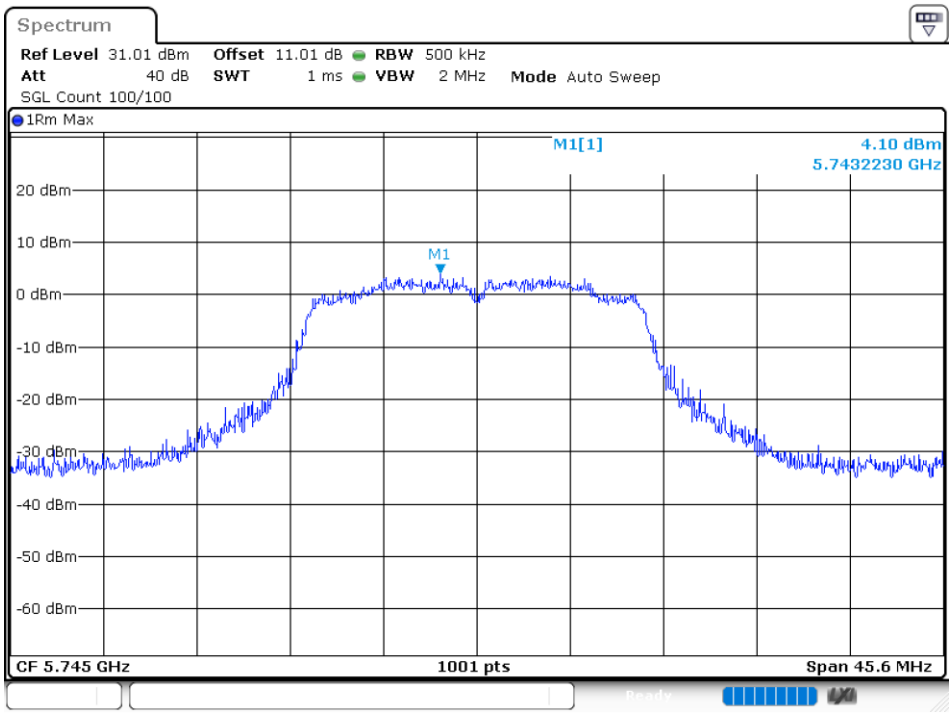


PSD NVNT 802.11n(HT40) 5230MHz Ant1

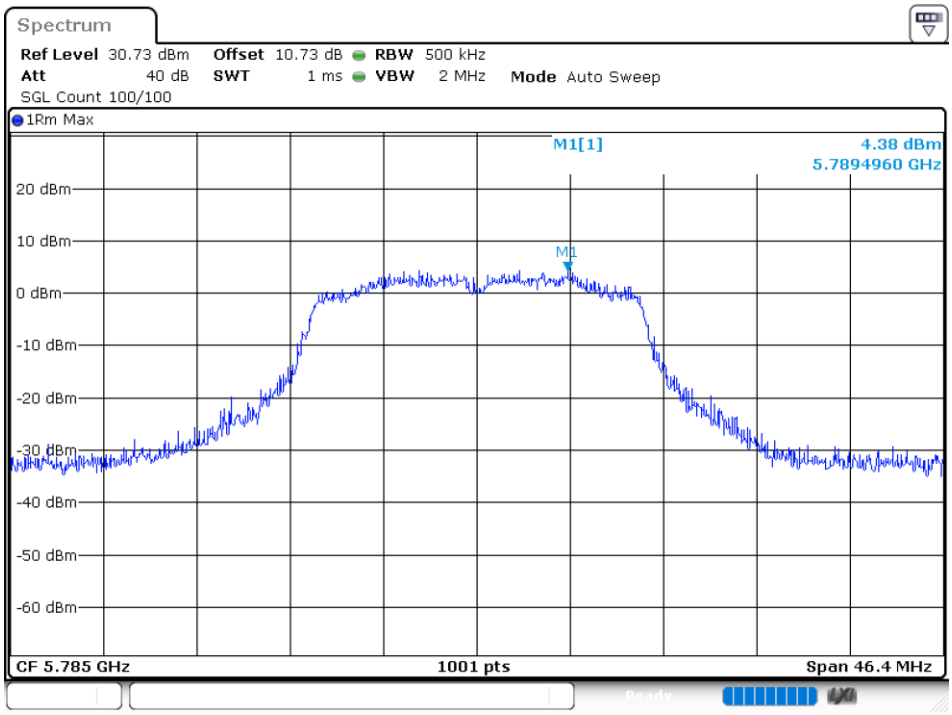


Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	4.105	30	Pass
NVNT	802.11a	5785	Ant 1	4.379	30	Pass
NVNT	802.11a	5825	Ant 1	4.235	30	Pass
NVNT	802.11ac20	5745	Ant 1	3.884	30	Pass
NVNT	802.11ac20	5785	Ant 1	4.041	30	Pass
NVNT	802.11ac20	5825	Ant 1	4.37	30	Pass
NVNT	802.11ac40	5755	Ant 1	0.69	30	Pass
NVNT	802.11ac40	5795	Ant 1	0.66	30	Pass
NVNT	802.11ac80	5775	Ant 1	-2.65	30	Pass
NVNT	802.11n(HT20)	5745	Ant 1	3.869	30	Pass
NVNT	802.11n(HT20)	5785	Ant 1	4.239	30	Pass
NVNT	802.11n(HT20)	5825	Ant 1	3.871	30	Pass
NVNT	802.11n(HT40)	5755	Ant 1	0.326	30	Pass
NVNT	802.11n(HT40)	5795	Ant 1	0.541	30	Pass

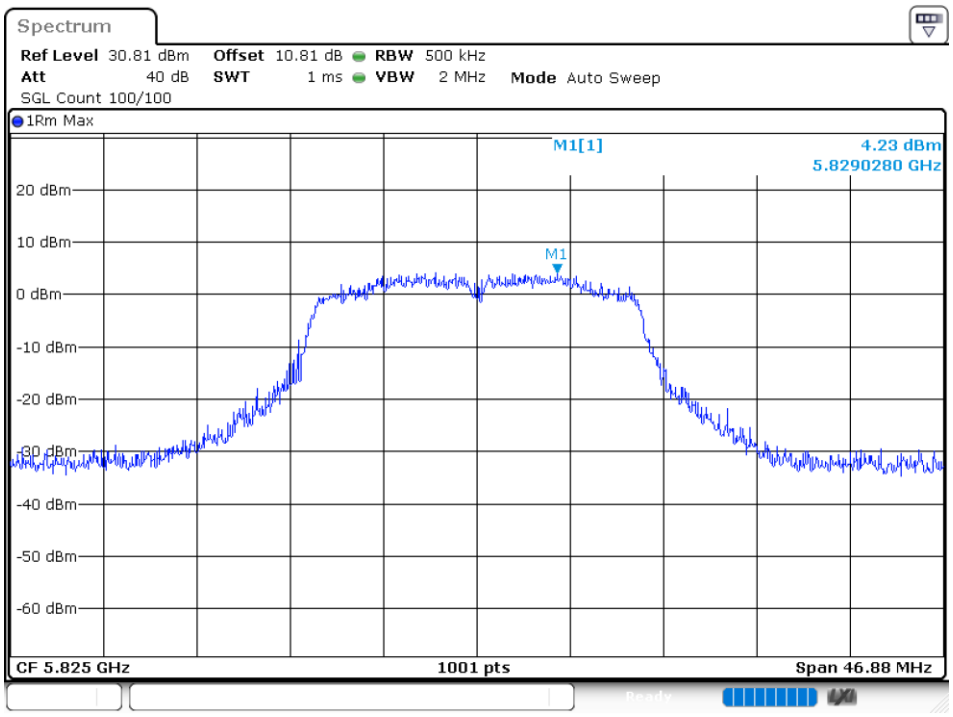
PSD NVNT 802.11a 5745MHz Ant1



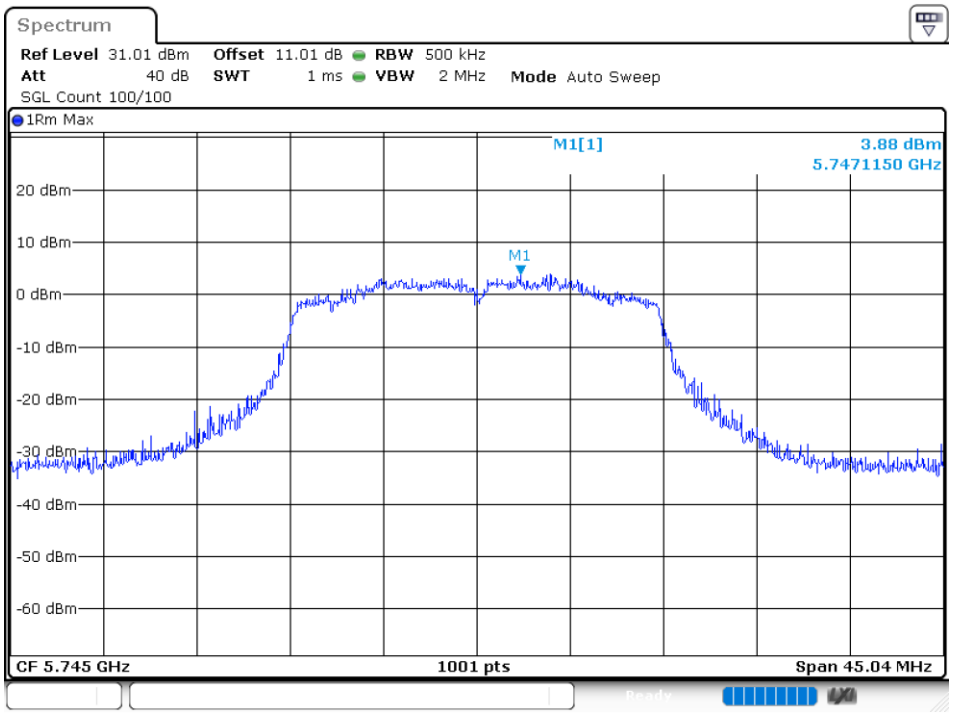
PSD NVNT 802.11a 5785MHz Ant1



PSD NVNT 802.11a 5825MHz Ant1



PSD NVNT 802.11ac20 5745MHz Ant1



PSD NVNT 802.11ac20 5785MHz Ant1