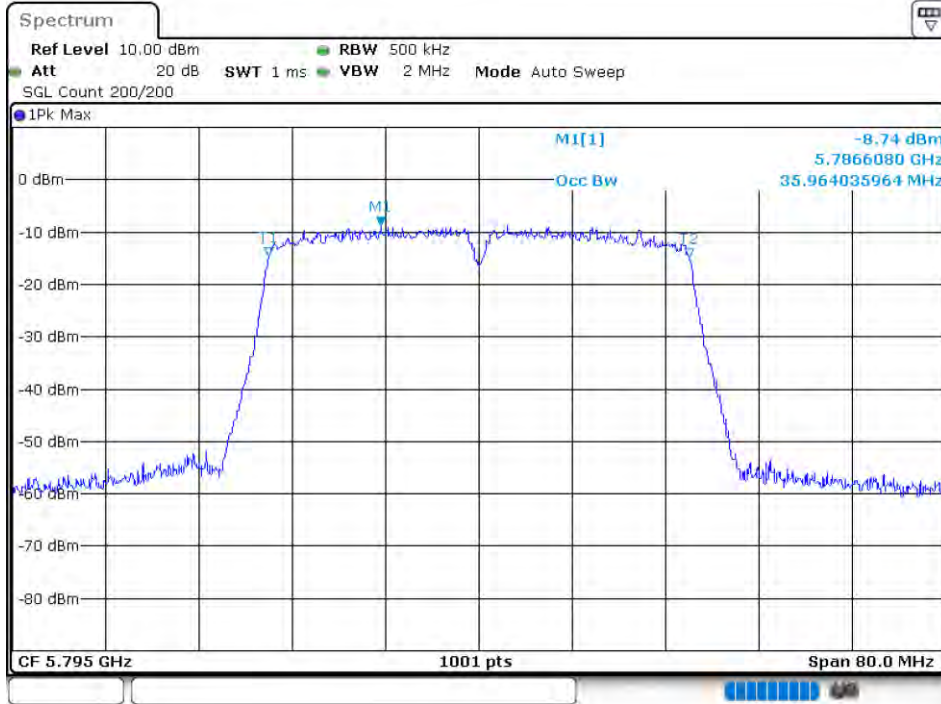
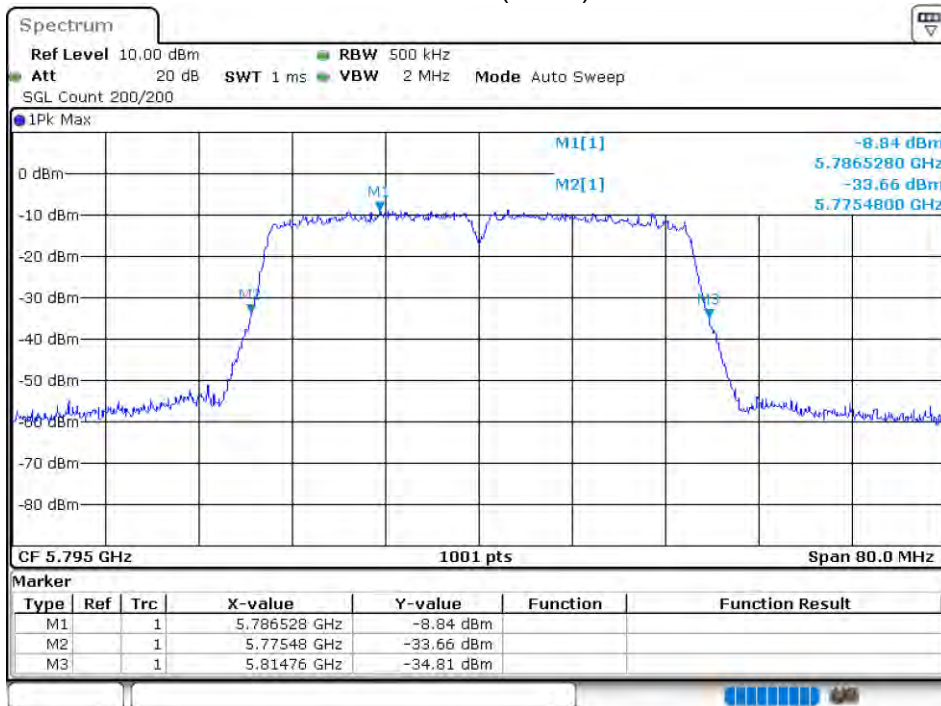


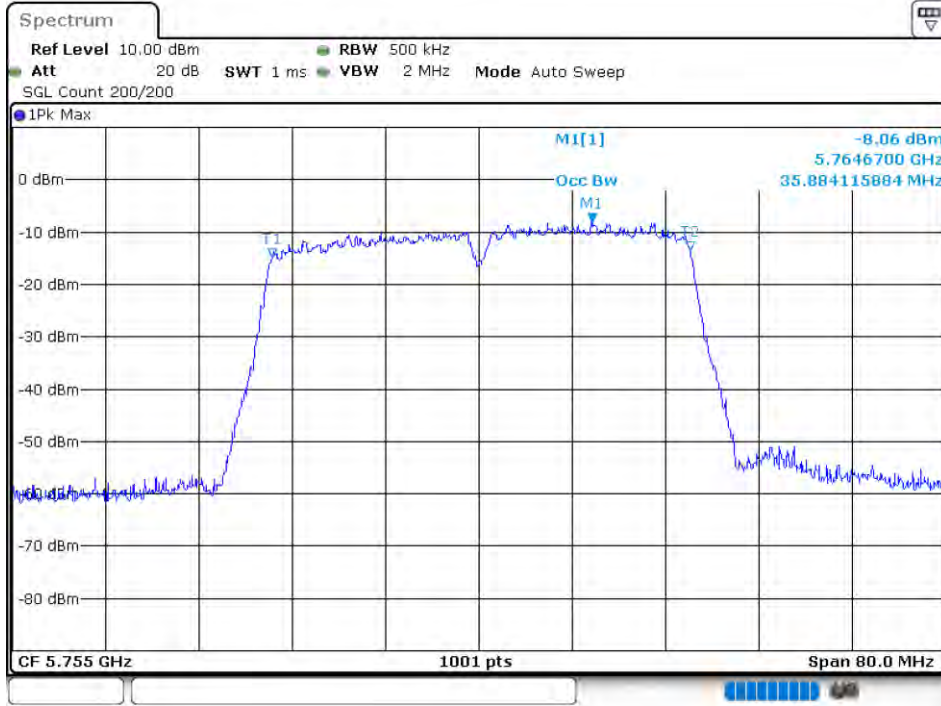
OBW NVNT 802.11n(HT40) 5795MHz Ant 1



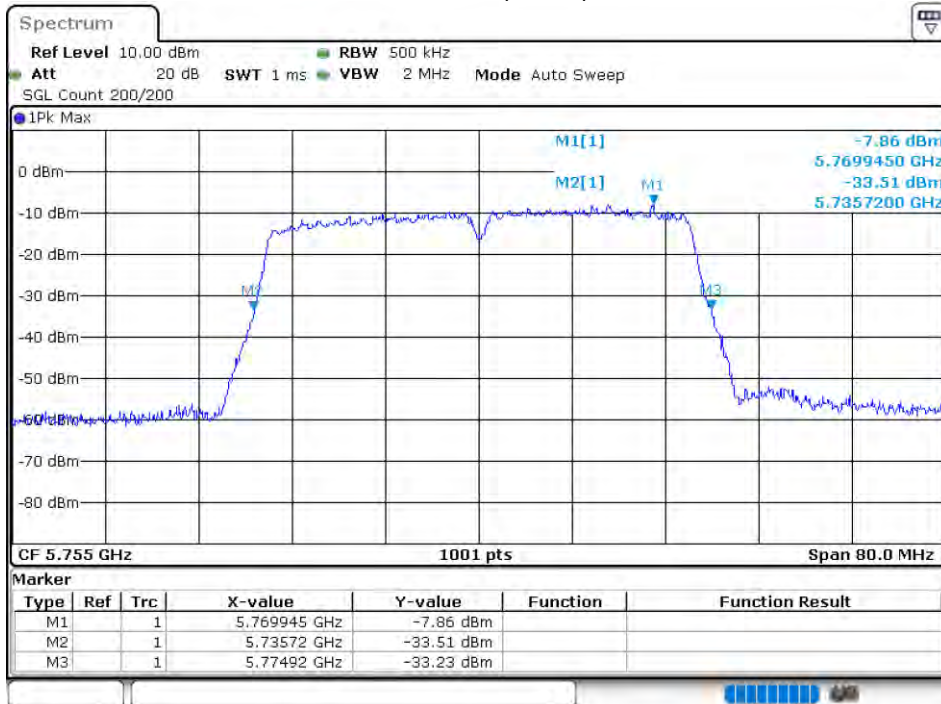
-26 dB BW NVNT 802.11n(HT40) 5795MHz Ant 1



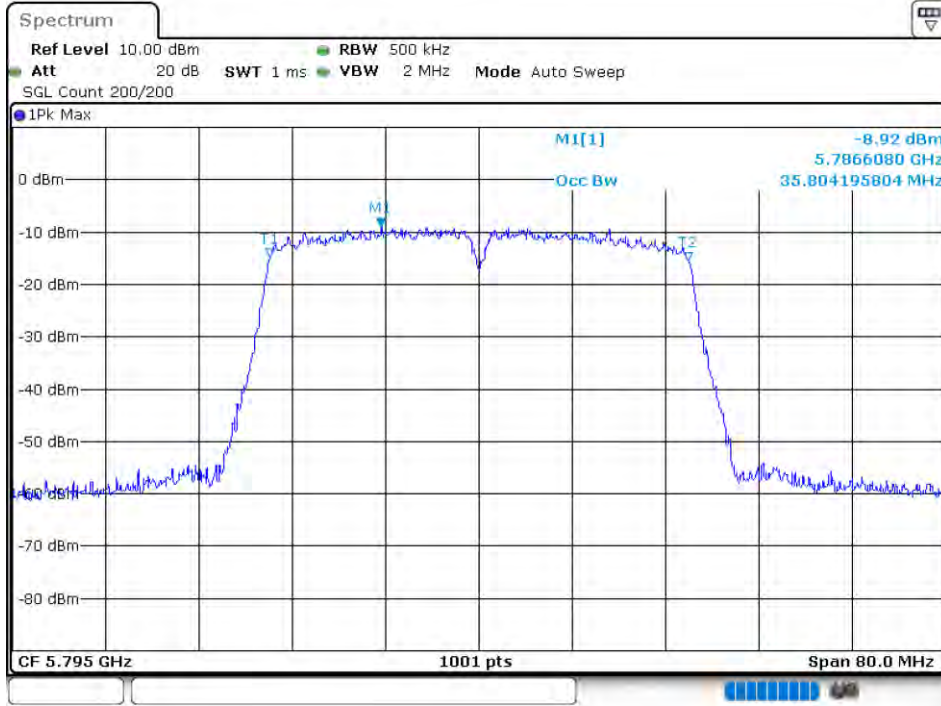
OBW NVNT 802.11n(HT40) 5755MHz Ant 2



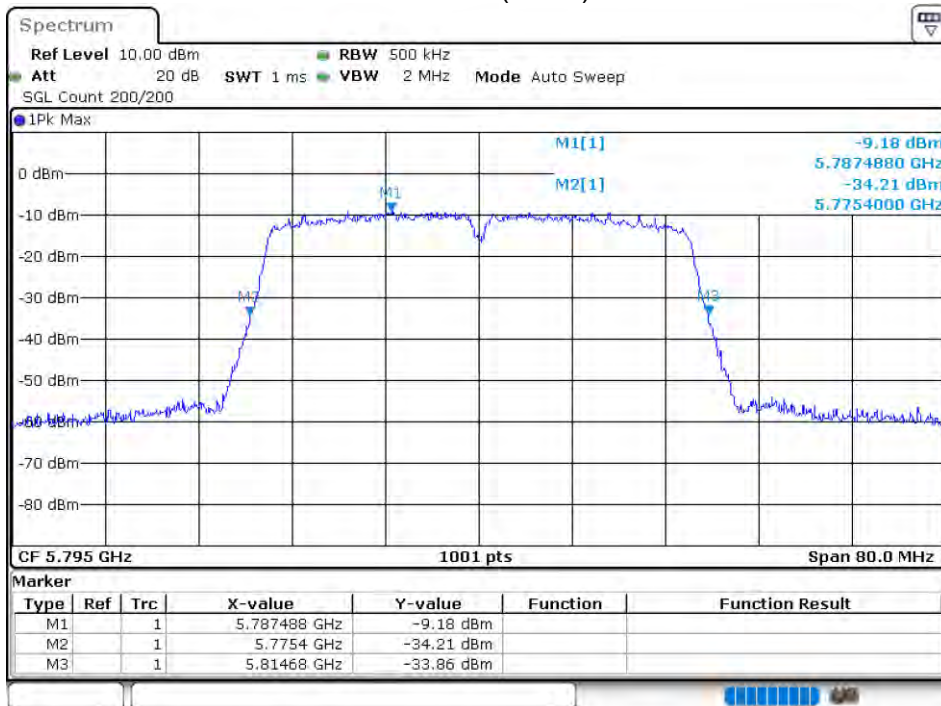
-26 dB BW NVNT 802.11n(HT40) 5755MHz Ant 2



OBW NVNT 802.11n(HT40) 5795MHz Ant 2



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

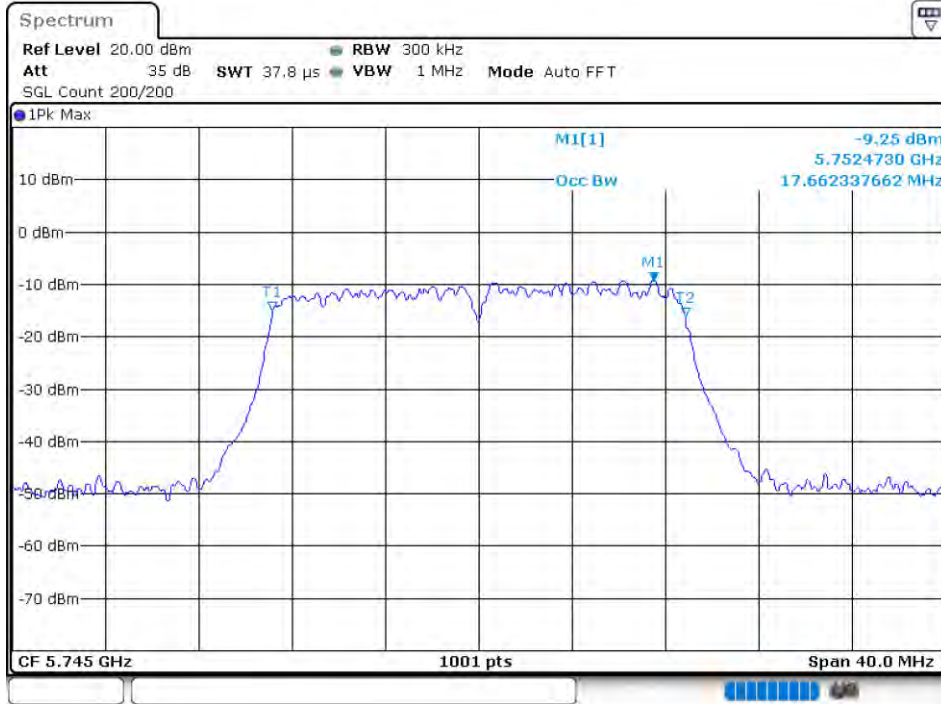


MIMO

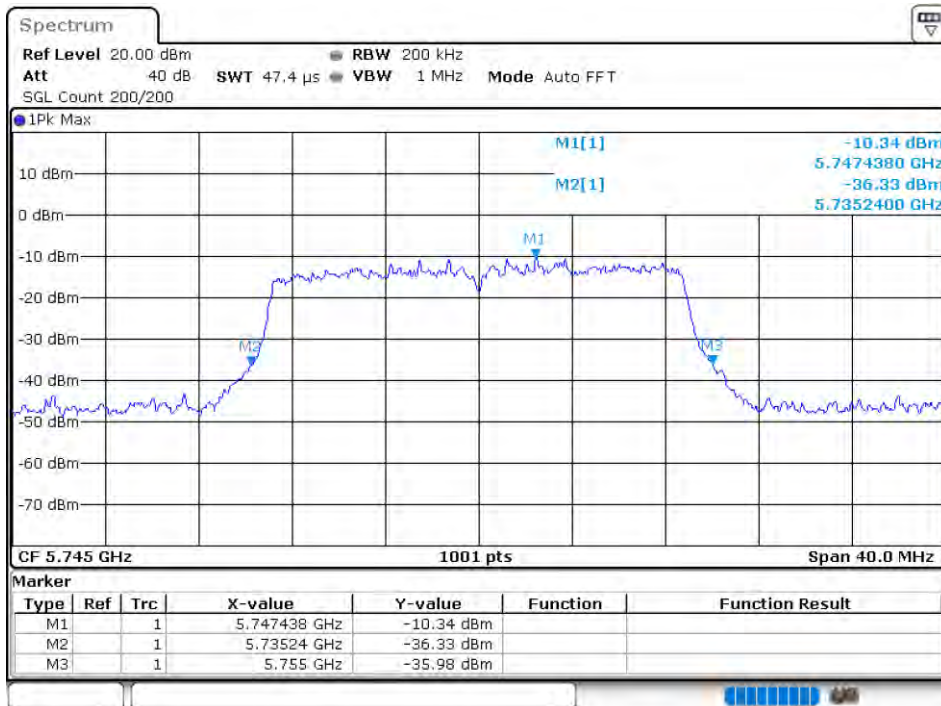
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	802.11ac20	5745	Ant 1	17.6623	19.76	0.5	Pass
NVNT	802.11ac20	5745	Ant 2	17.5425	19.6	0.5	Pass
NVNT	802.11ac20	5785	Ant 1	17.6623	19.56	0.5	Pass
NVNT	802.11ac20	5785	Ant 2	17.6224	20	0.5	Pass
NVNT	802.11ac20	5825	Ant 1	17.6224	20.24	0.5	Pass
NVNT	802.11ac20	5825	Ant 2	17.6224	20.24	0.5	Pass
NVNT	802.11ac40	5755	Ant 1	35.964	39.2	0.5	Pass
NVNT	802.11ac40	5755	Ant 2	35.8841	39.36	0.5	Pass
NVNT	802.11ac40	5795	Ant 1	35.8841	39.52	0.5	Pass
NVNT	802.11ac40	5795	Ant 2	35.8841	39.52	0.5	Pass
NVNT	802.11ac80	5775	Ant 1	74.965	81.92	0.5	Pass
NVNT	802.11ac80	5775	Ant 2	75.7642	82.88	0.5	Pass
NVNT	802.11n(HT20)	5745	Ant 1	17.5824	19.96	0.5	Pass
NVNT	802.11n(HT20)	5745	Ant 2	17.6224	19.68	0.5	Pass
NVNT	802.11n(HT20)	5785	Ant 1	17.6224	19.6	0.5	Pass
NVNT	802.11n(HT20)	5785	Ant 2	17.6623	19.8	0.5	Pass
NVNT	802.11n(HT20)	5825	Ant 1	17.6224	19.68	0.5	Pass
NVNT	802.11n(HT20)	5825	Ant 2	17.6623	19.68	0.5	Pass
NVNT	802.11n(HT40)	5755	Ant 1	35.8841	39.12	0.5	Pass
NVNT	802.11n(HT40)	5755	Ant 2	35.8841	39.44	0.5	Pass
NVNT	802.11n(HT40)	5795	Ant 1	35.8042	39.28	0.5	Pass
NVNT	802.11n(HT40)	5795	Ant 2	35.8841	39.12	0.5	Pass



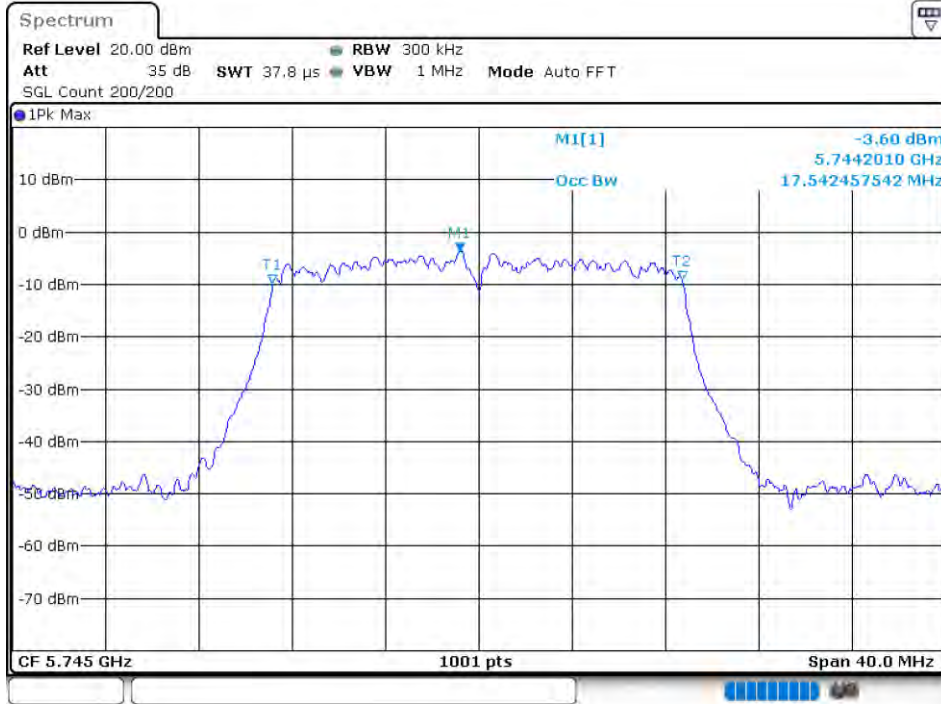
OBW NVNT 802.11ac20 5745MHz Ant1



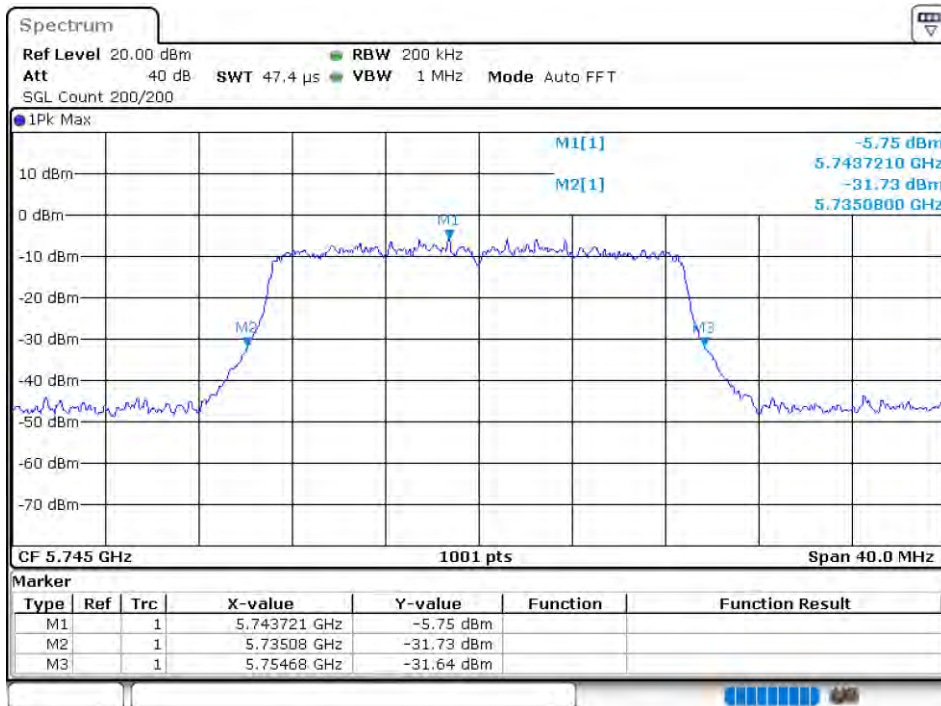
-26 dB BW NVNT 802.11ac20 5745MHz Ant1



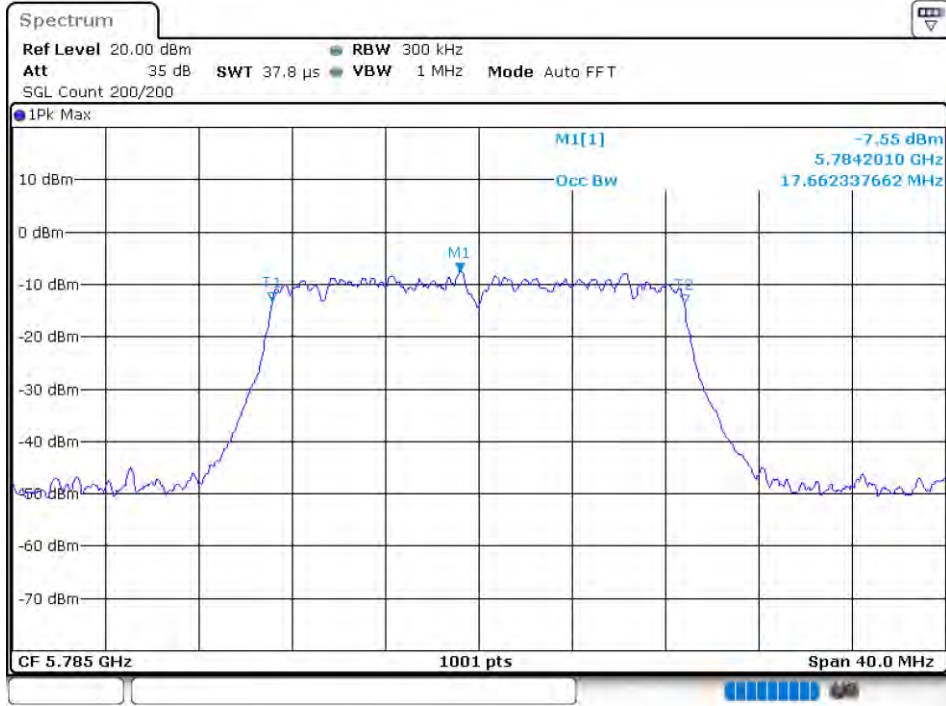
OBW NVNT 802.11ac20 5745MHz Ant2



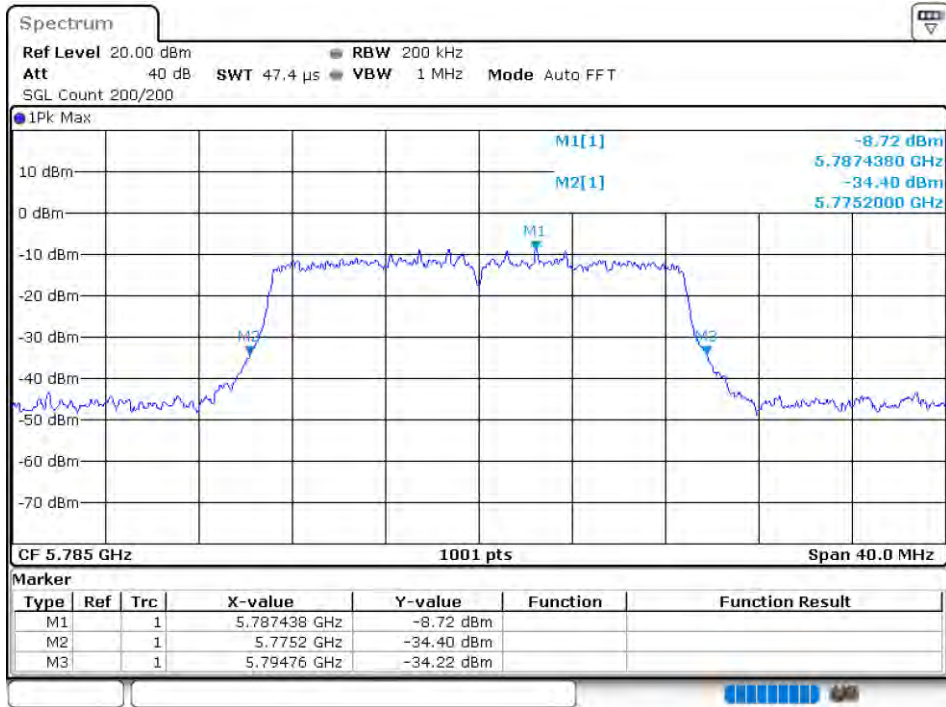
-26 dB BW NVNT 802.11ac20 5745MHz Ant2



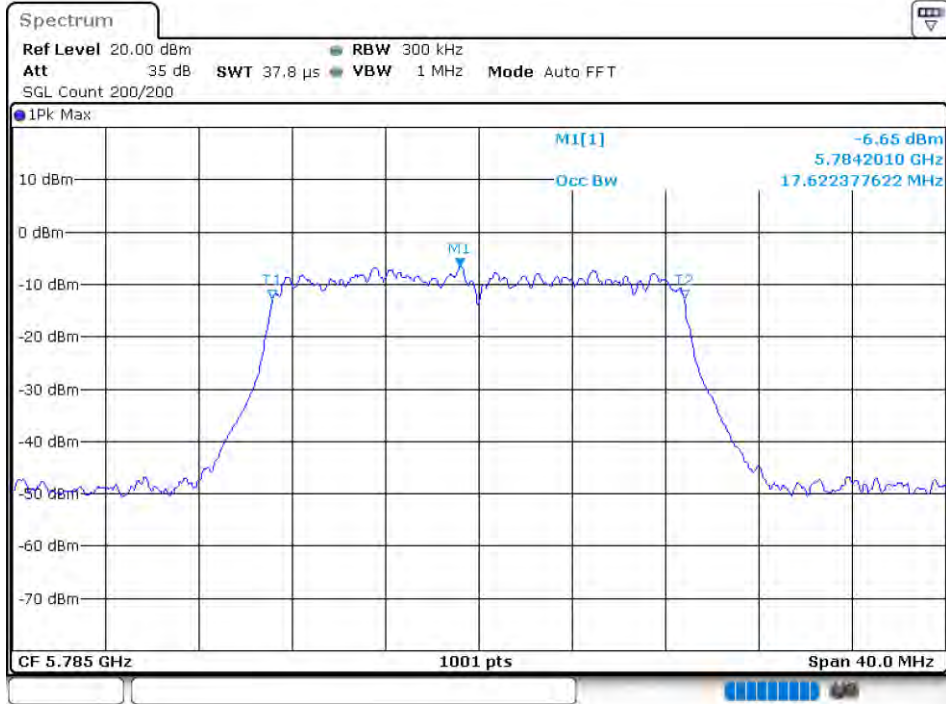
OBW NVNT 802.11ac20 5785MHz Ant1



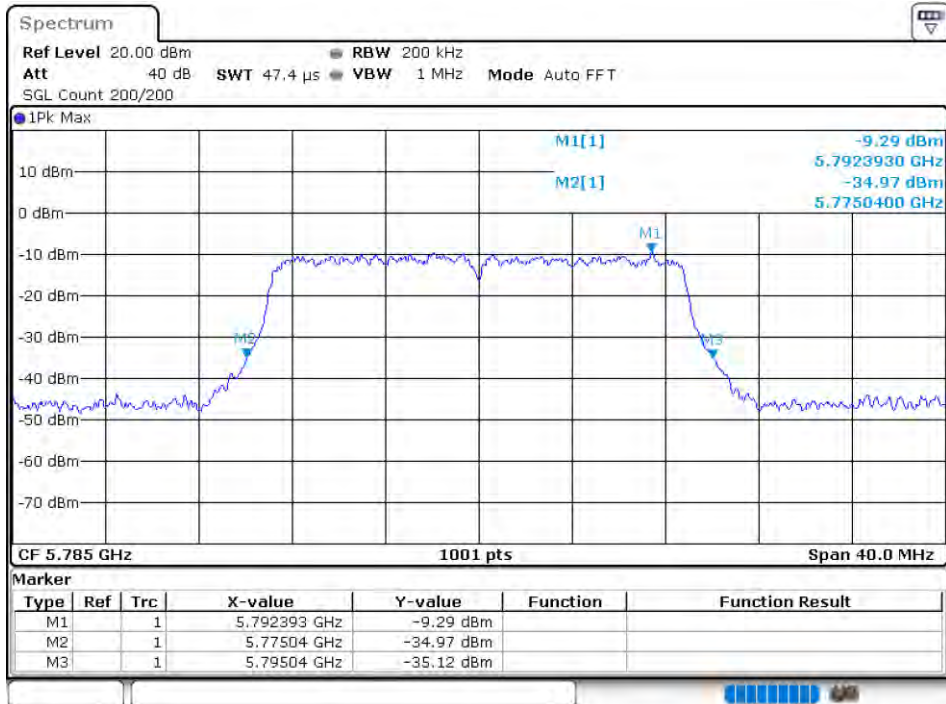
-26 dB BW NVNT 802.11ac20 5785MHz Ant1



OBW NVNT 802.11ac20 5785MHz Ant2

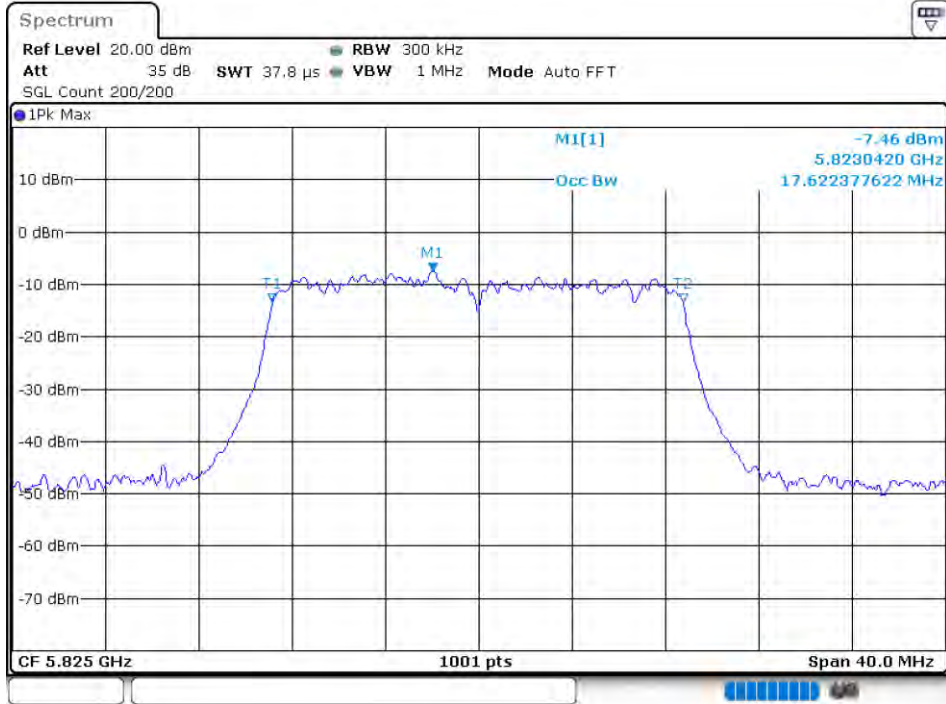


-26 dB BW NVNT 802.11ac20 5785MHz Ant2

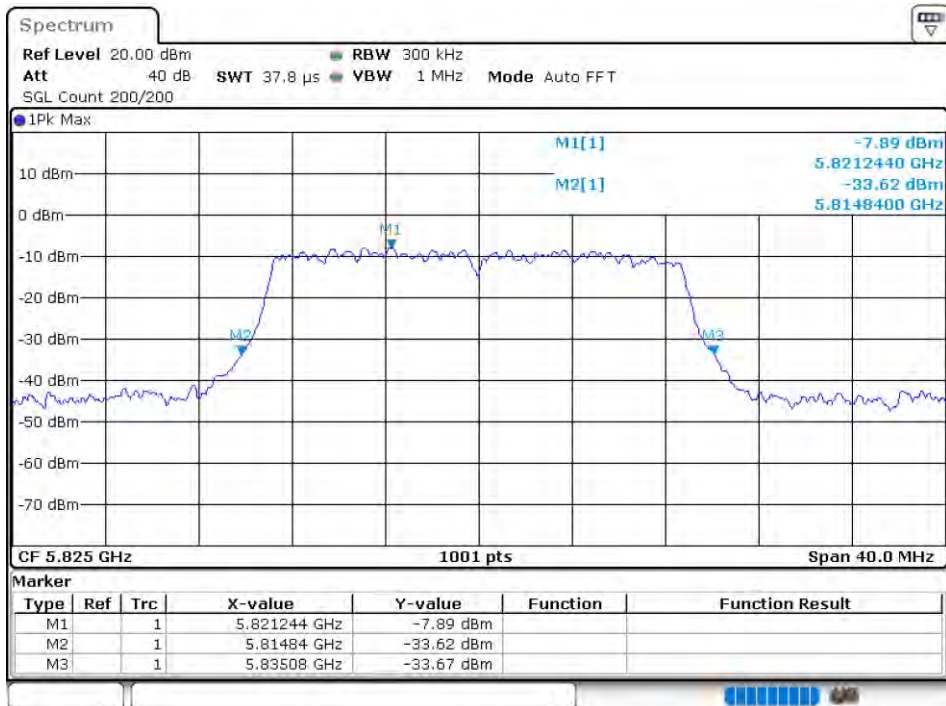




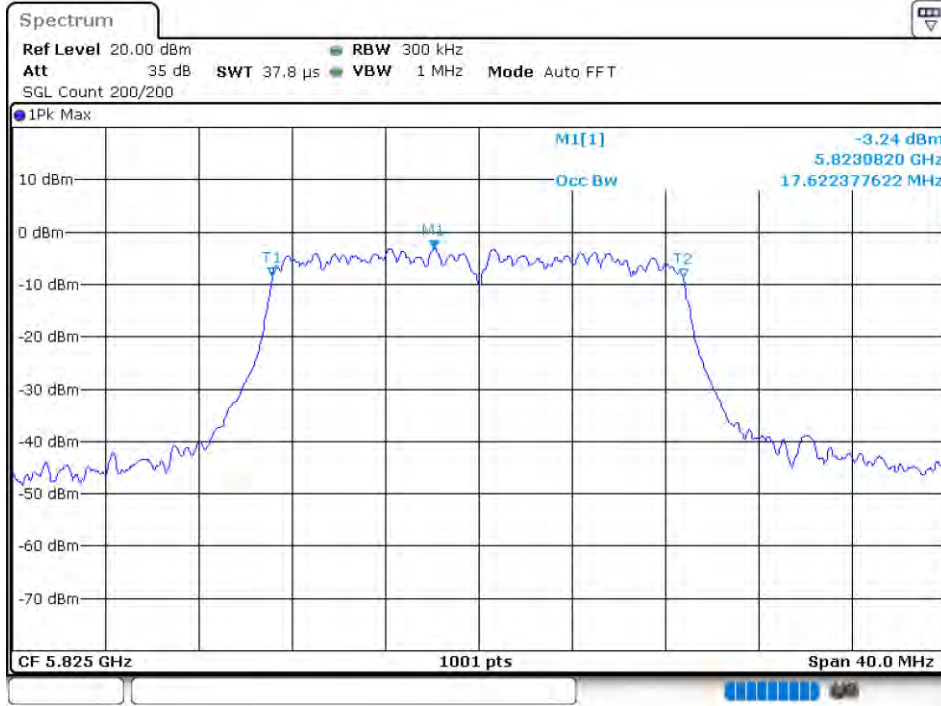
OBW NVNT 802.11ac20 5825MHz Ant1



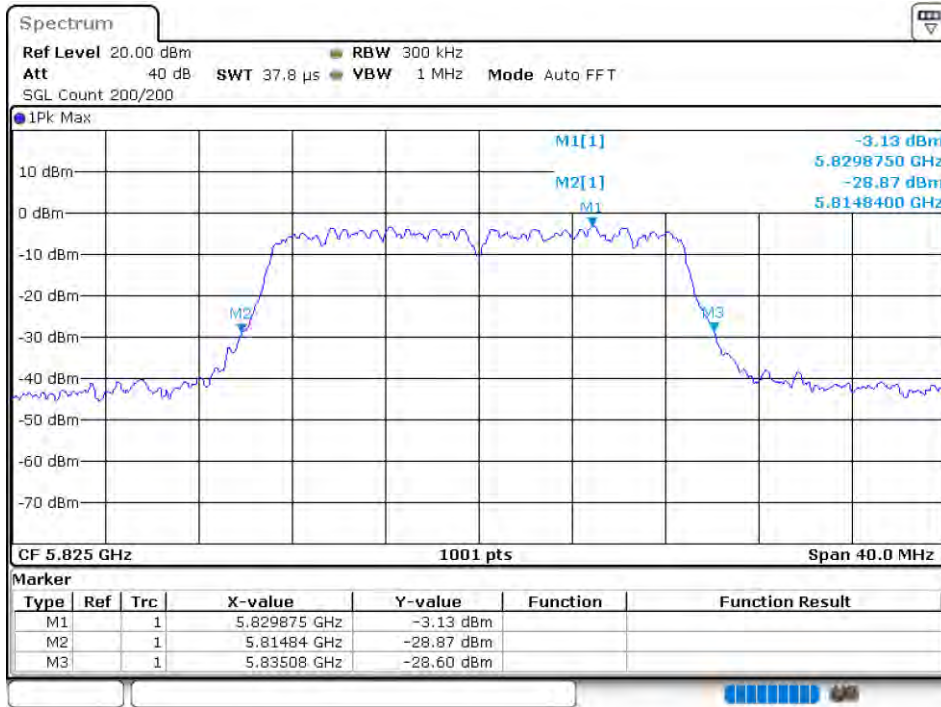
-26 dB BW NVNT 802.11ac20 5825MHz Ant1



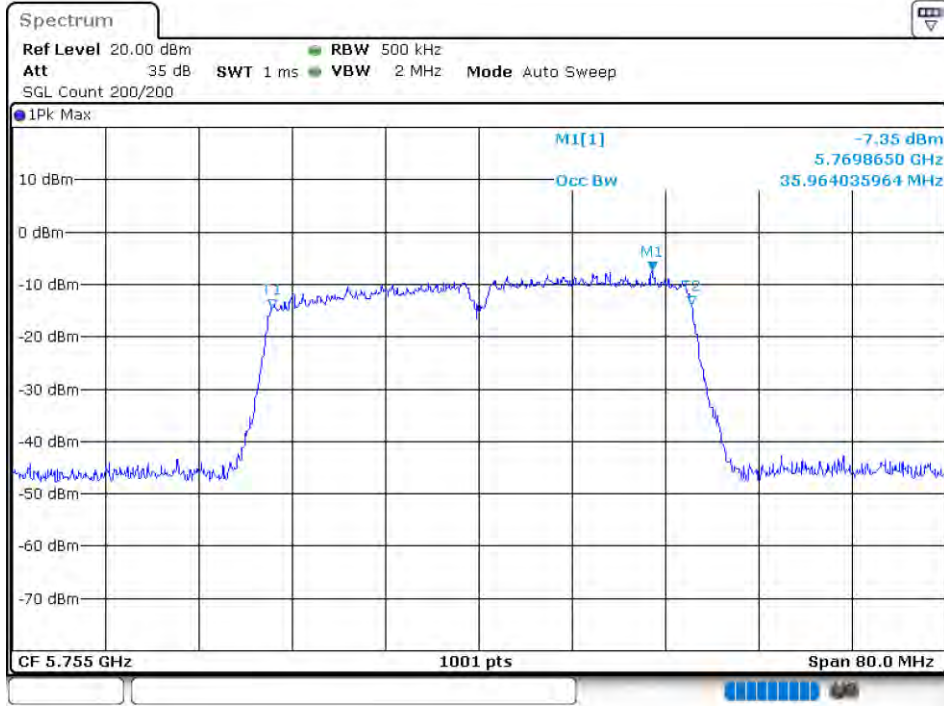
OBW NVNT 802.11ac20 5825MHz Ant2



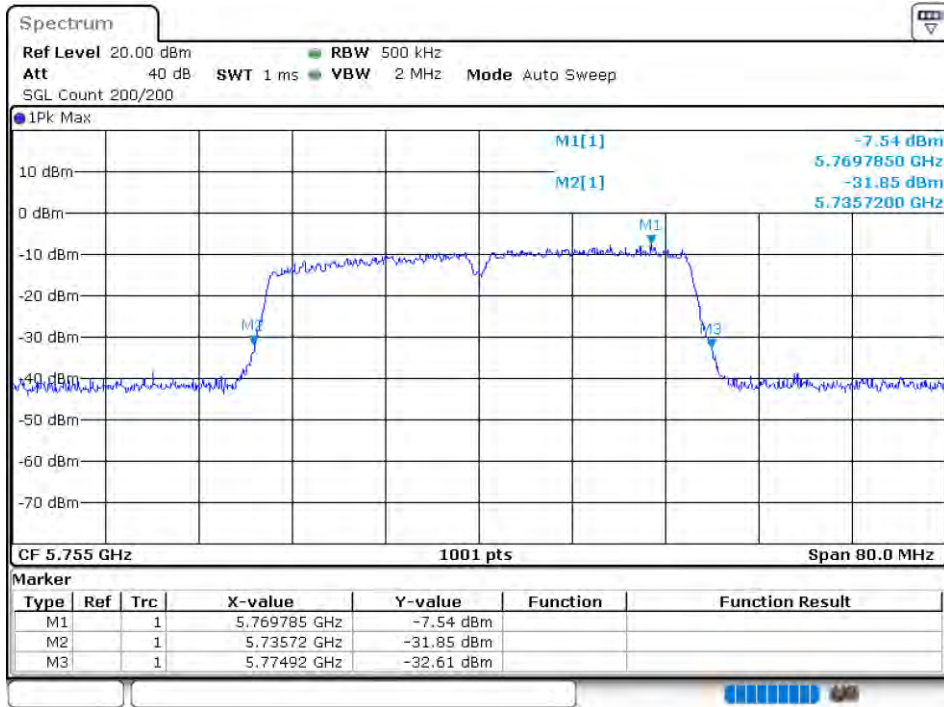
-26 dB BW NVNT 802.11ac20 5825MHz Ant2



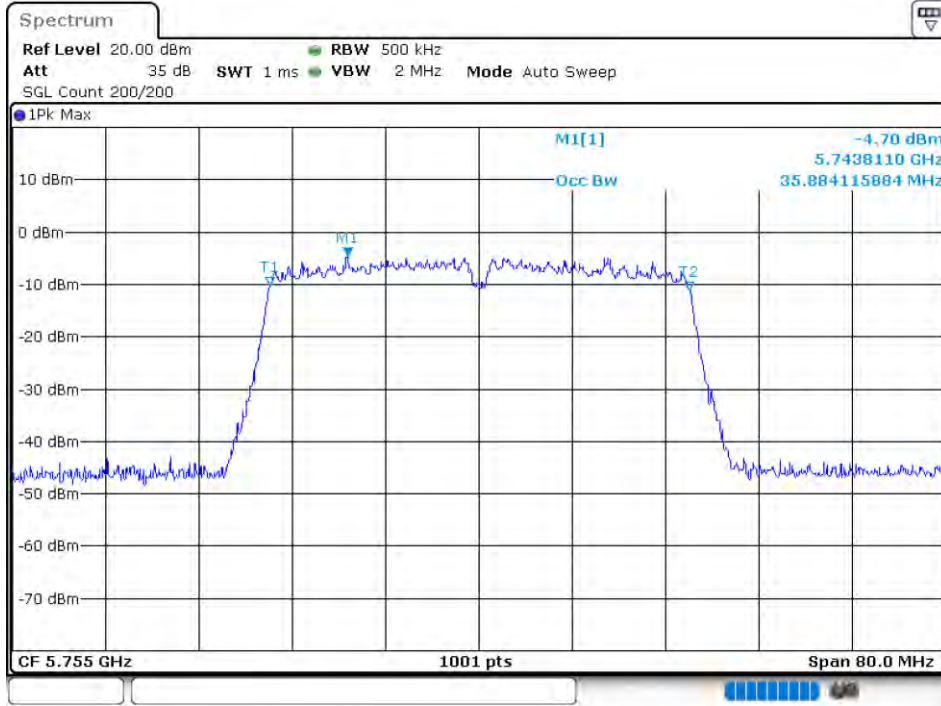
OBW NVNT 802.11ac40 5755MHz Ant1



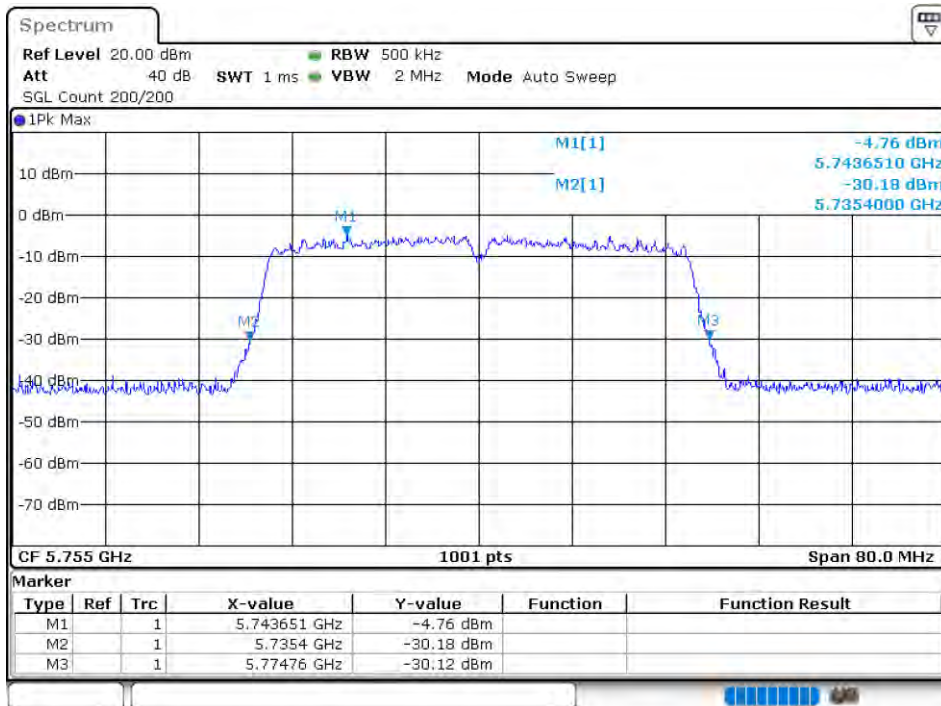
-26 dB BW NVNT 802.11ac40 5755MHz Ant1



OBW NVNT 802.11ac40 5755MHz Ant2

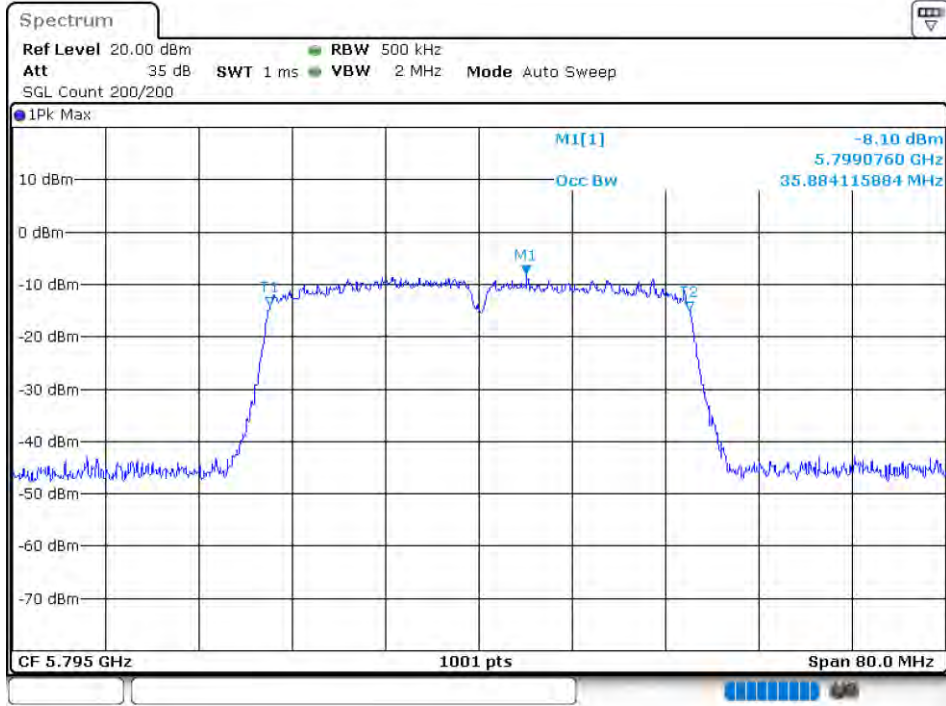


-26 dB BW NVNT 802.11ac40 5755MHz Ant2

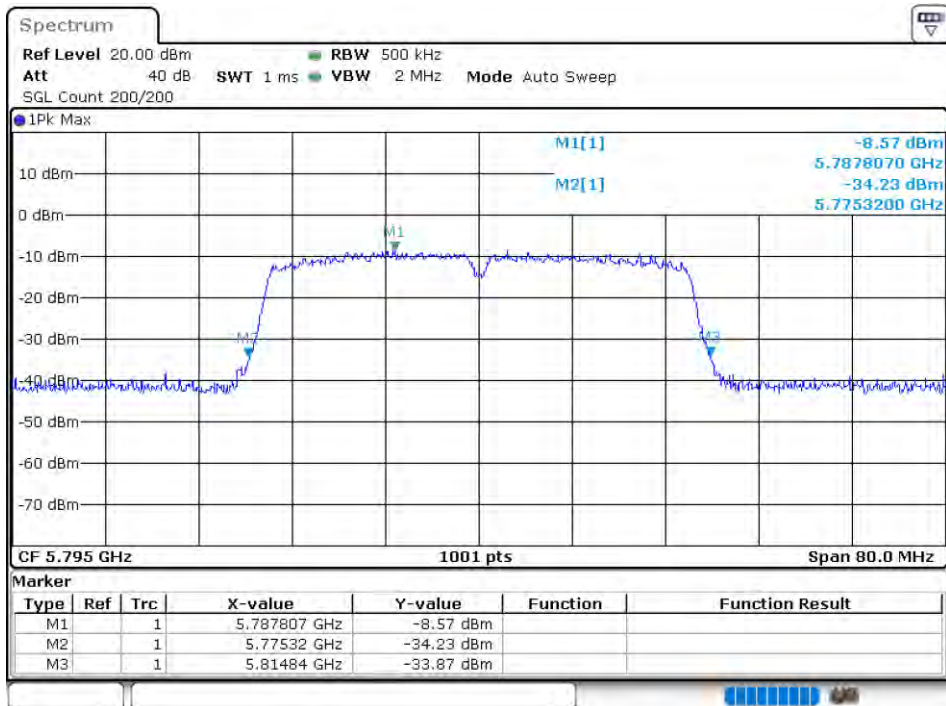




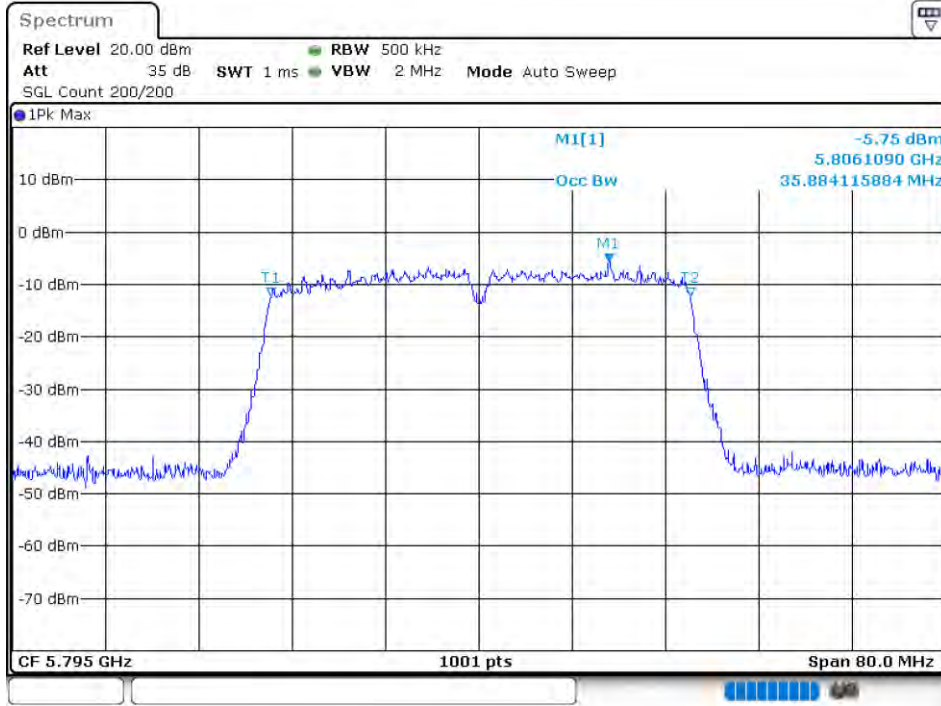
OBW NVNT 802.11ac40 5795MHz Ant1



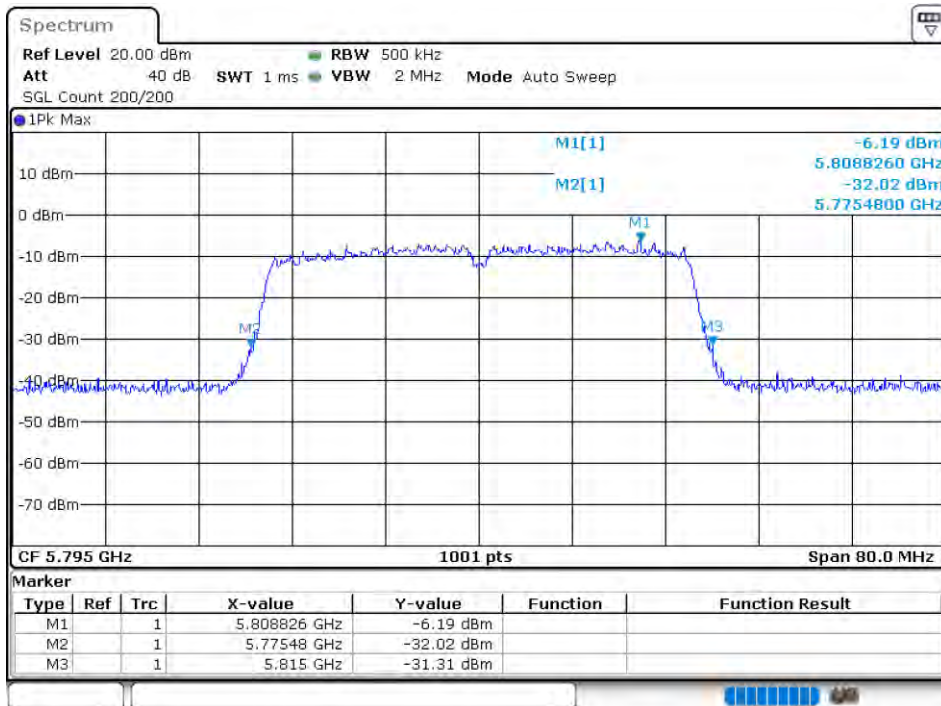
-26 dB BW NVNT 802.11ac40 5795MHz Ant1



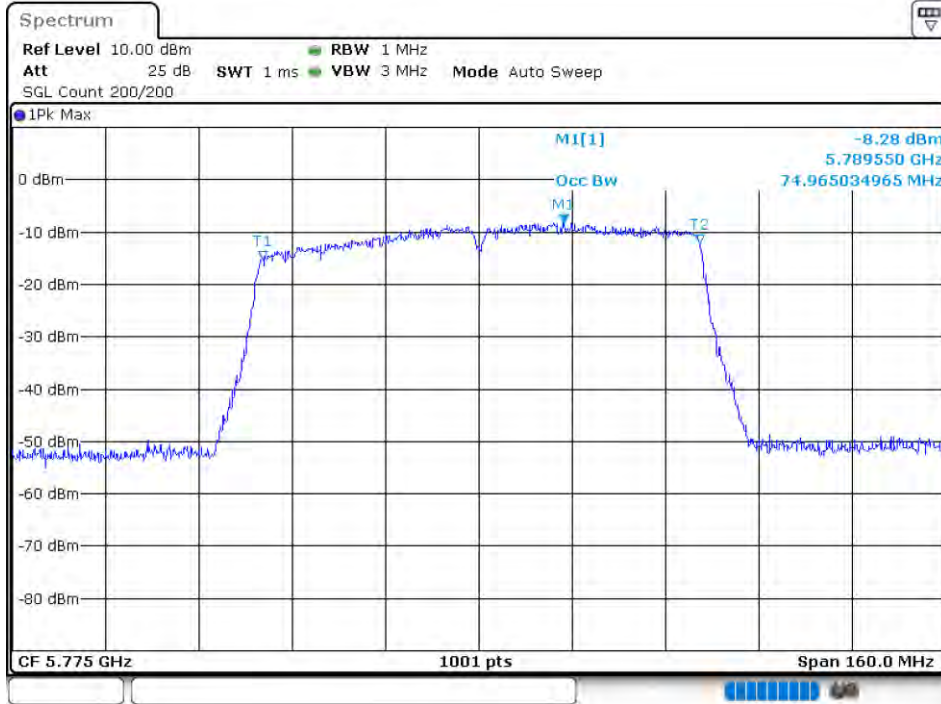
OBW NVNT 802.11ac40 5795MHz Ant2



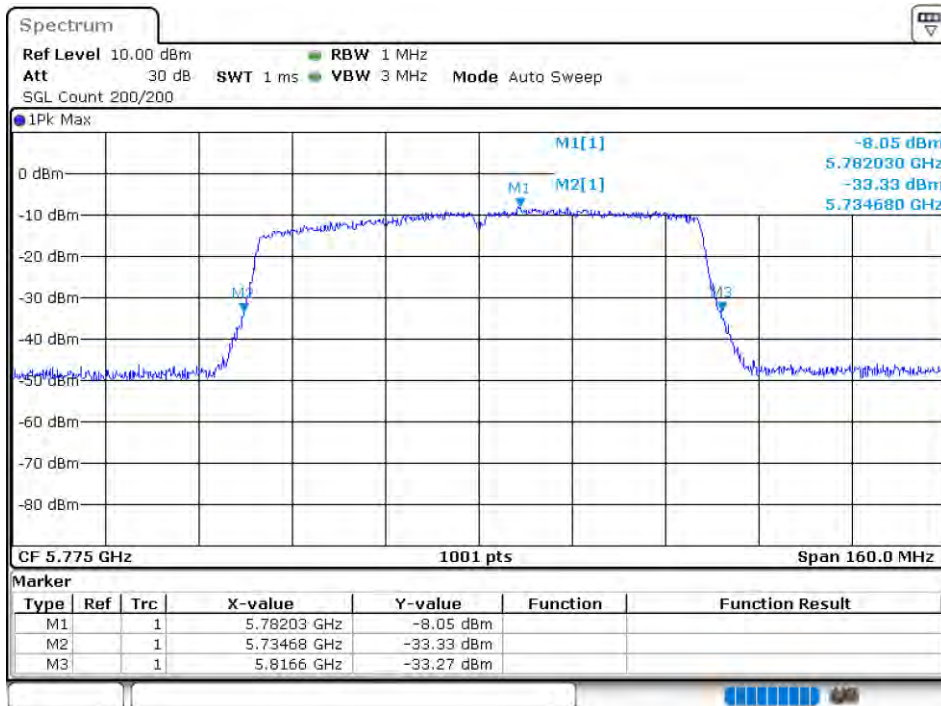
-26 dB BW NVNT 802.11ac40 5795MHz Ant2



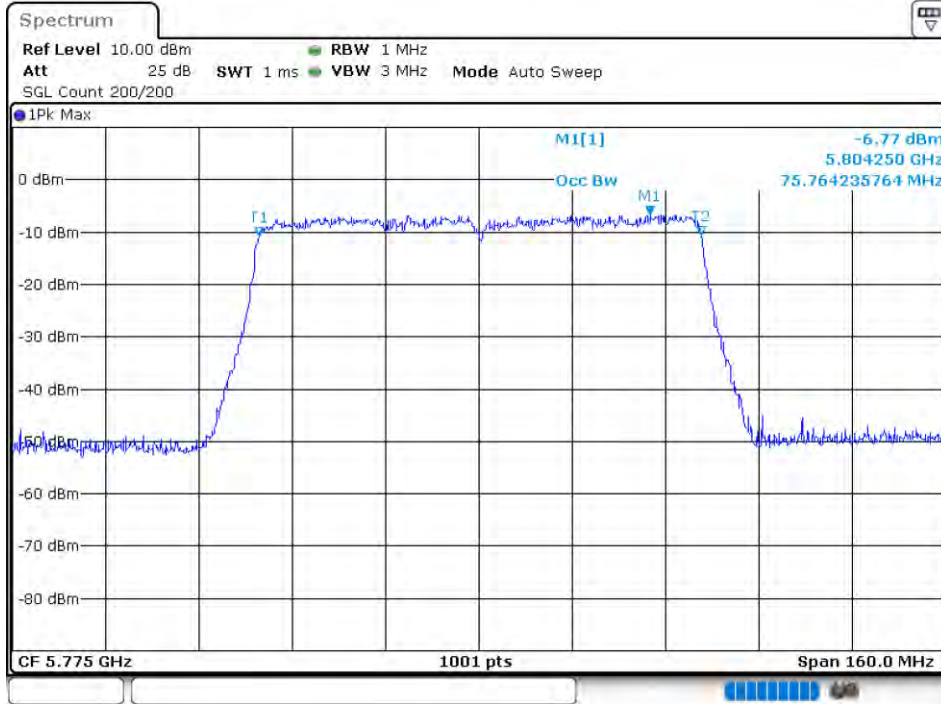
OBW NVNT 802.11ac80 5775MHz Ant1



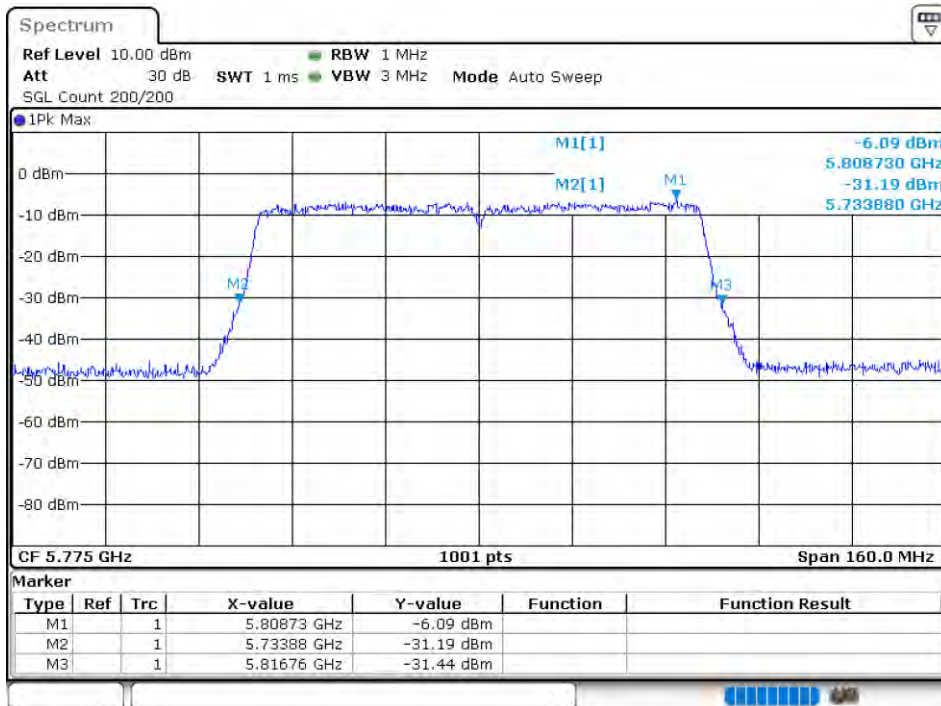
-26 dB BW NVNT 802.11ac80 5775MHz Ant1



OBW NVNT 802.11ac80 5775MHz Ant2

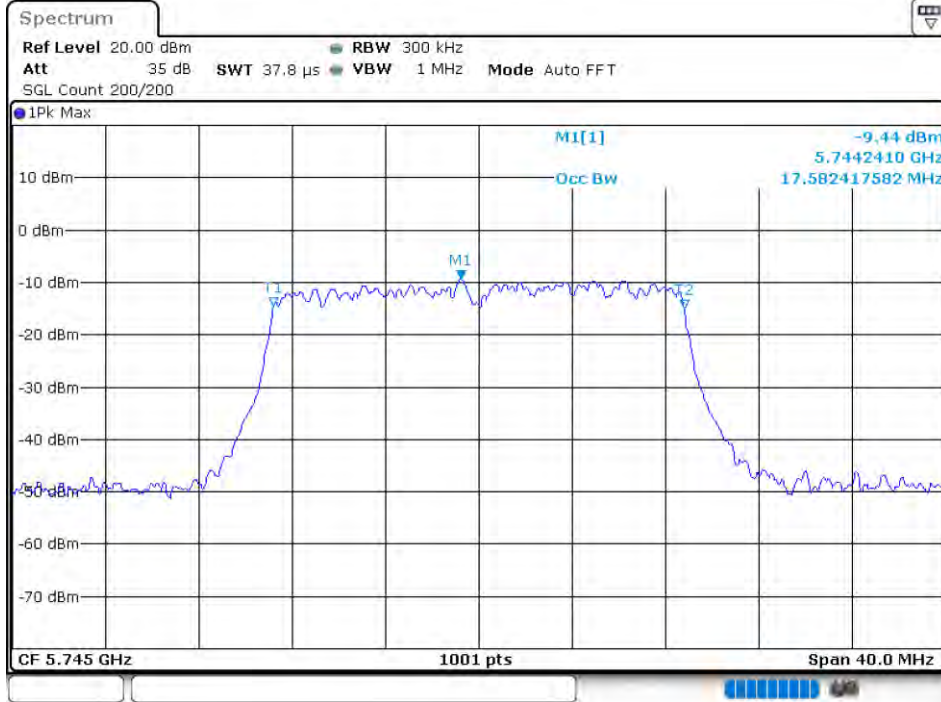


-26 dB BW NVNT 802.11ac80 5775MHz Ant2

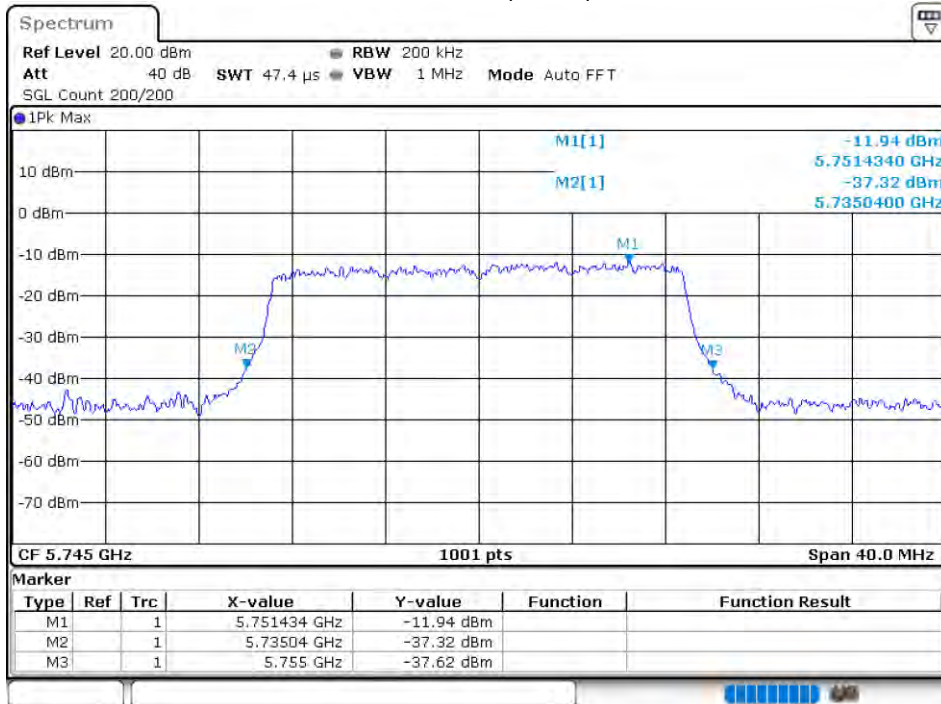




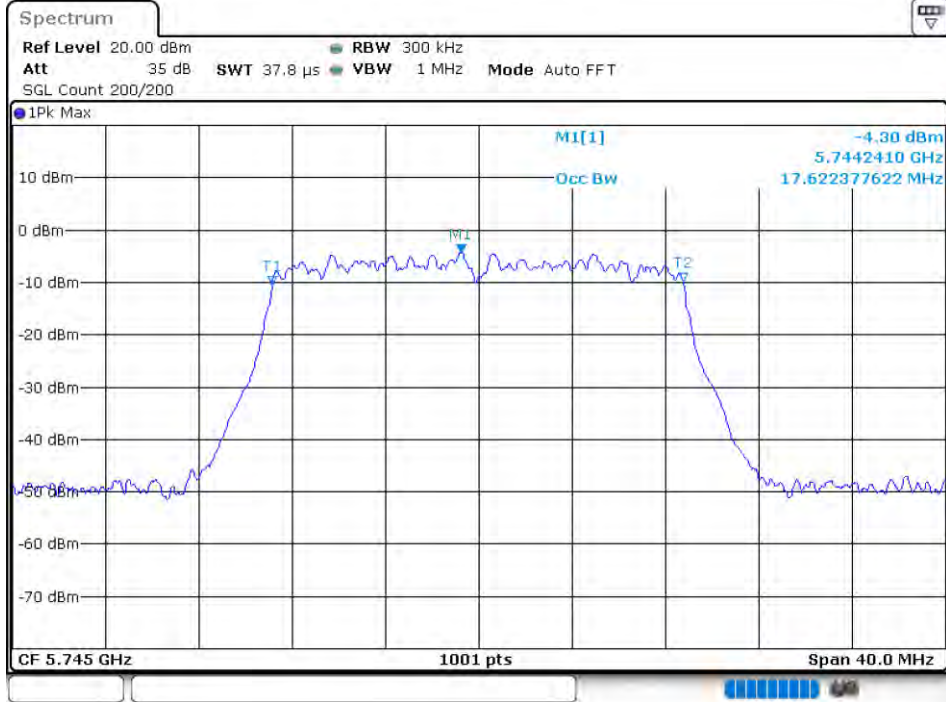
OBW NVNT 802.11n(HT20) 5745MHz Ant1



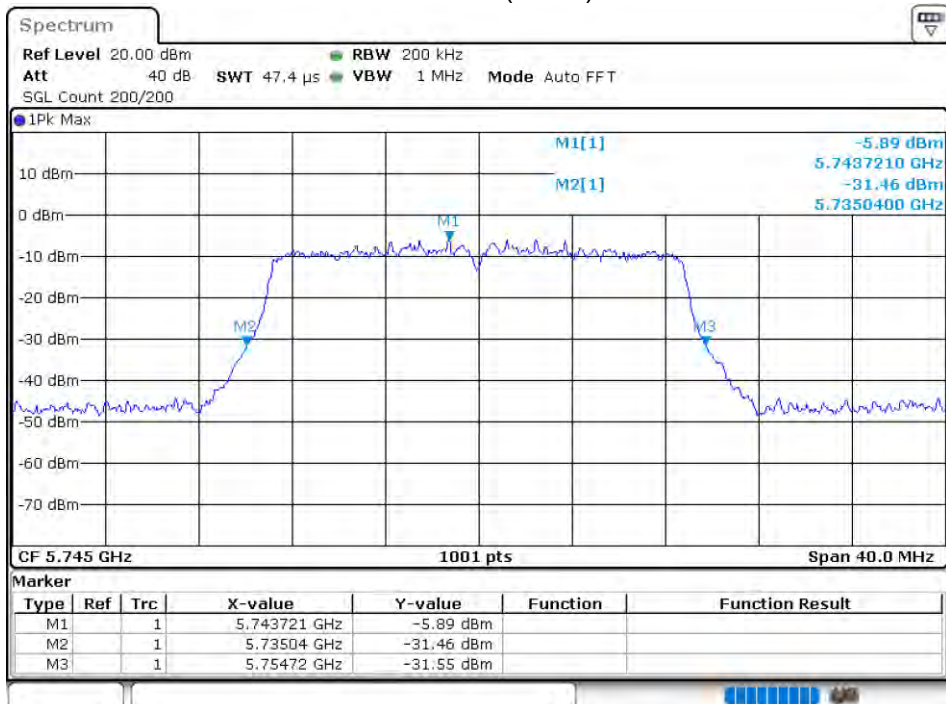
-26 dB BW NVNT 802.11n(HT20) 5745MHz Ant1



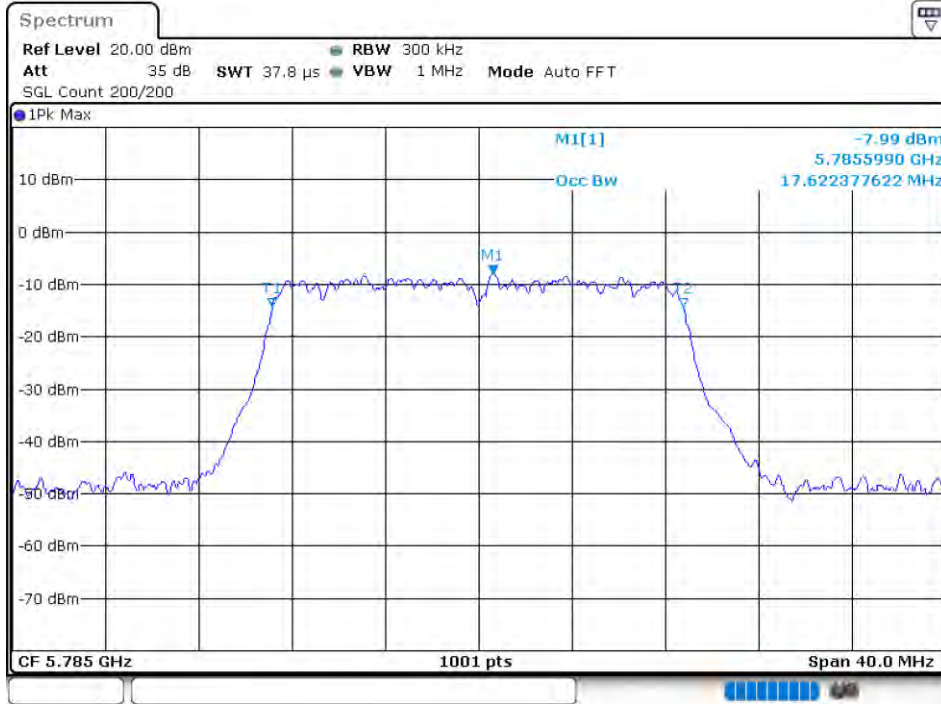
OBW NVNT 802.11n(HT20) 5745MHz Ant2



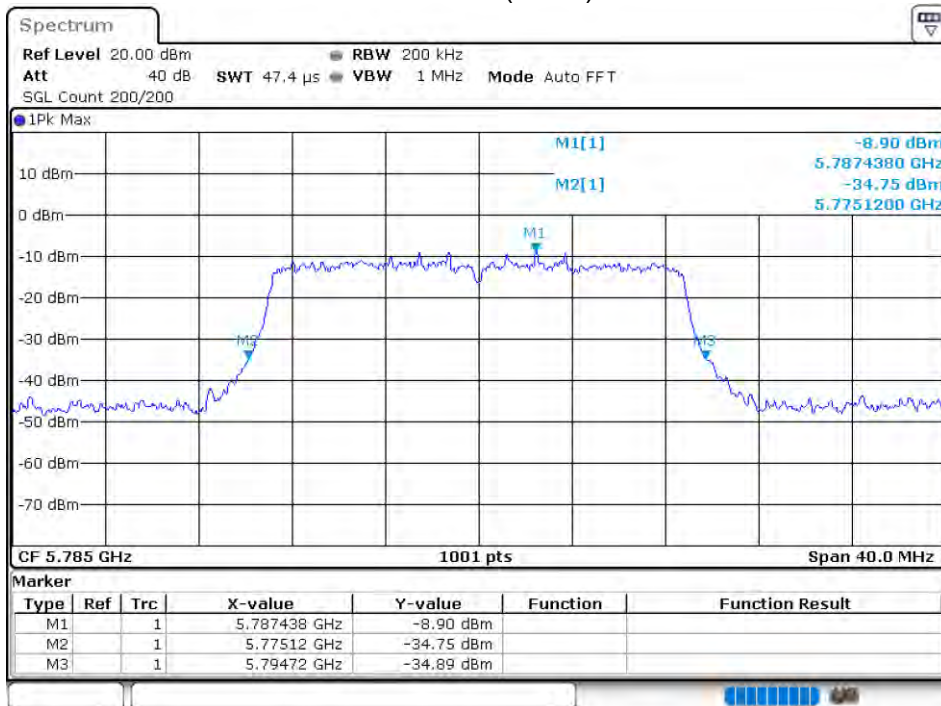
-26 dB BW NVNT 802.11n(HT20) 5745MHz Ant2



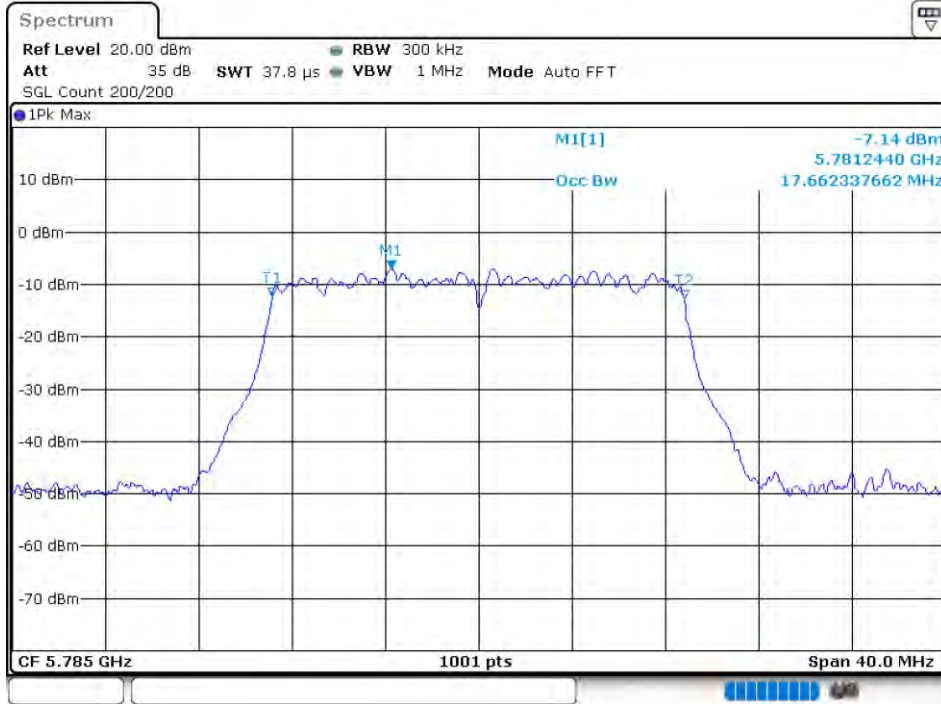
OBW NVNT 802.11n(HT20) 5785MHz Ant1



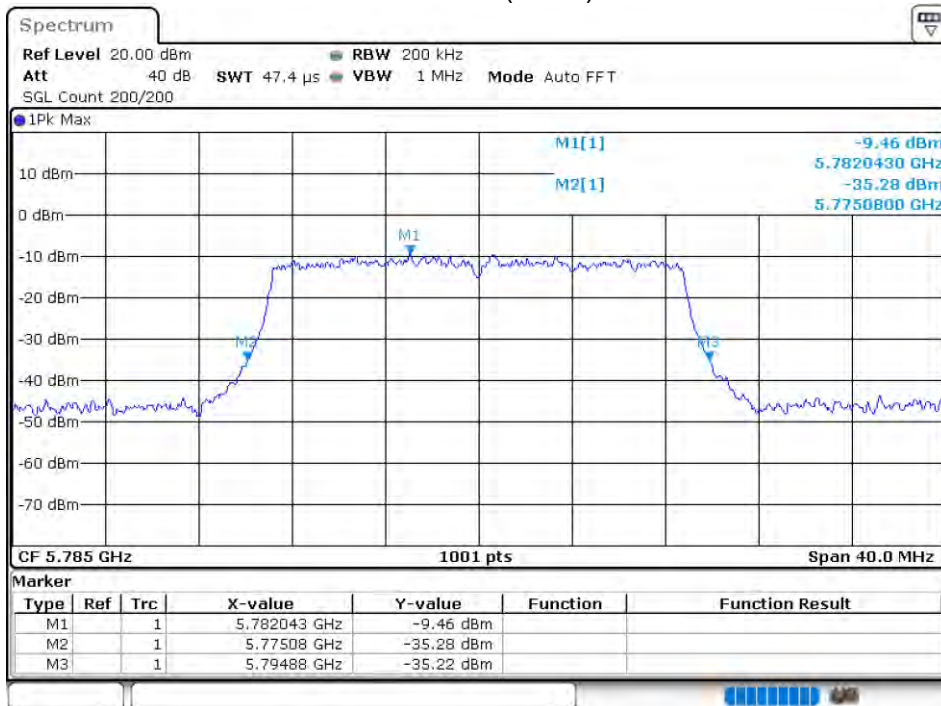
-26 dB BW NVNT 802.11n(HT20) 5785MHz Ant1



OBW NVNT 802.11n(HT20) 5785MHz Ant2

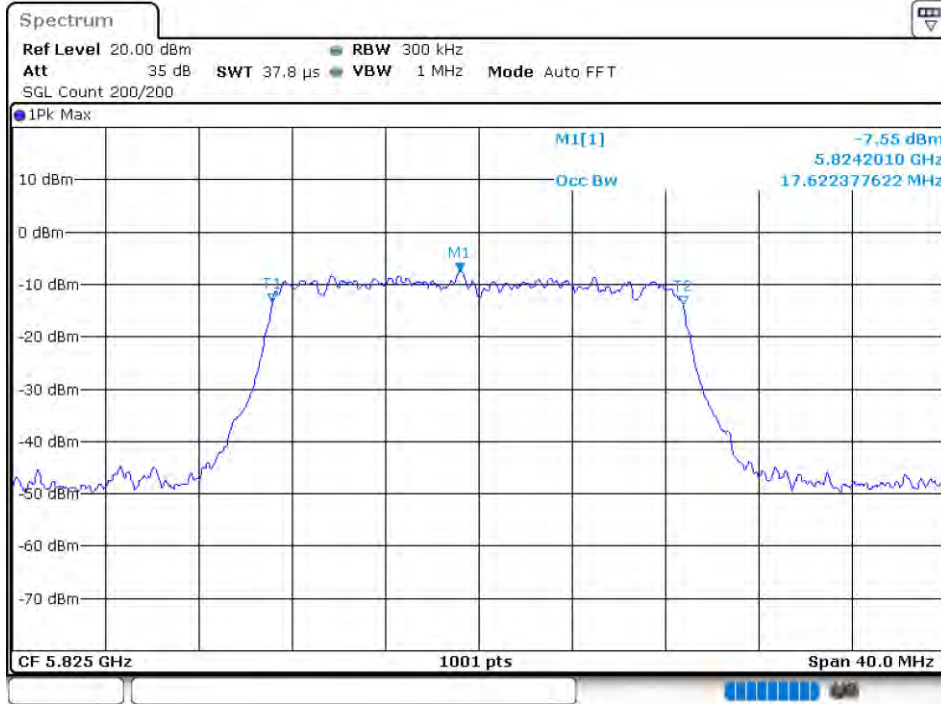


-26 dB BW NVNT 802.11n(HT20) 5785MHz Ant2

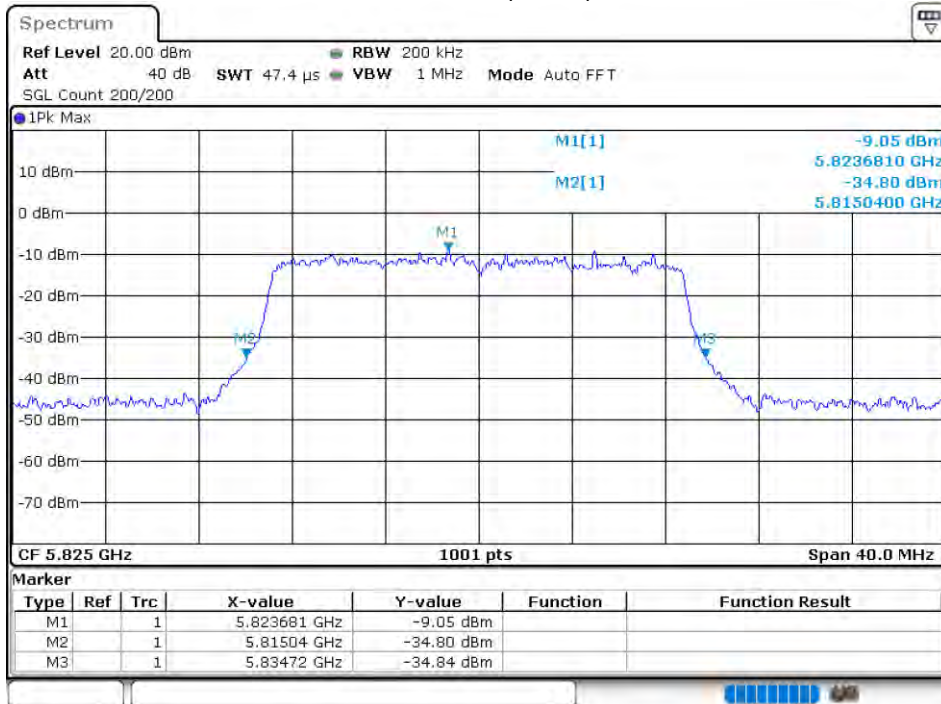




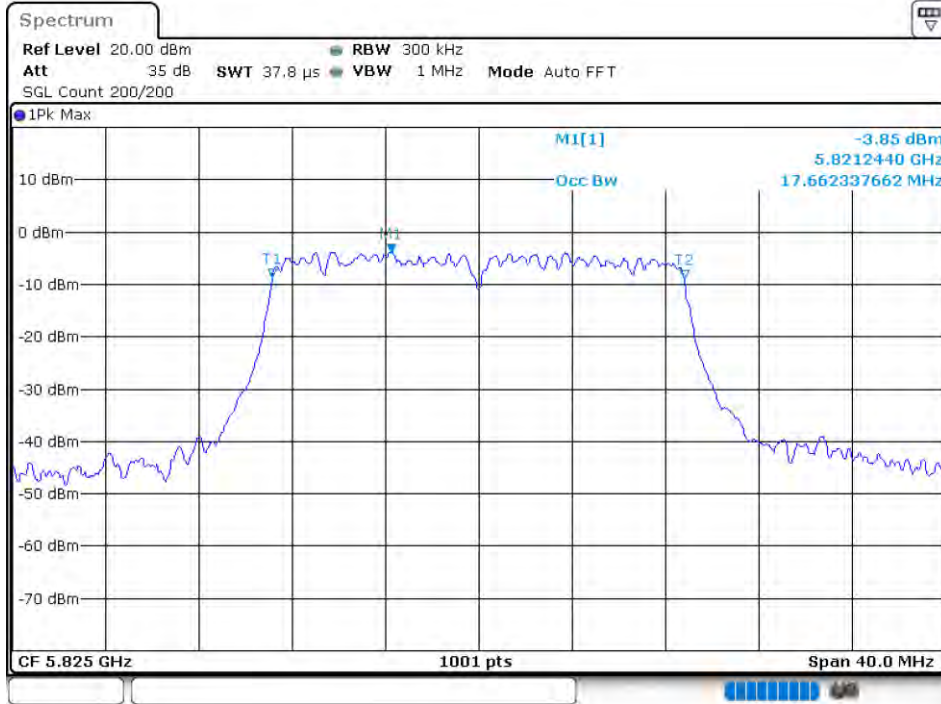
OBW NVNT 802.11n(HT20) 5825MHz Ant1



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



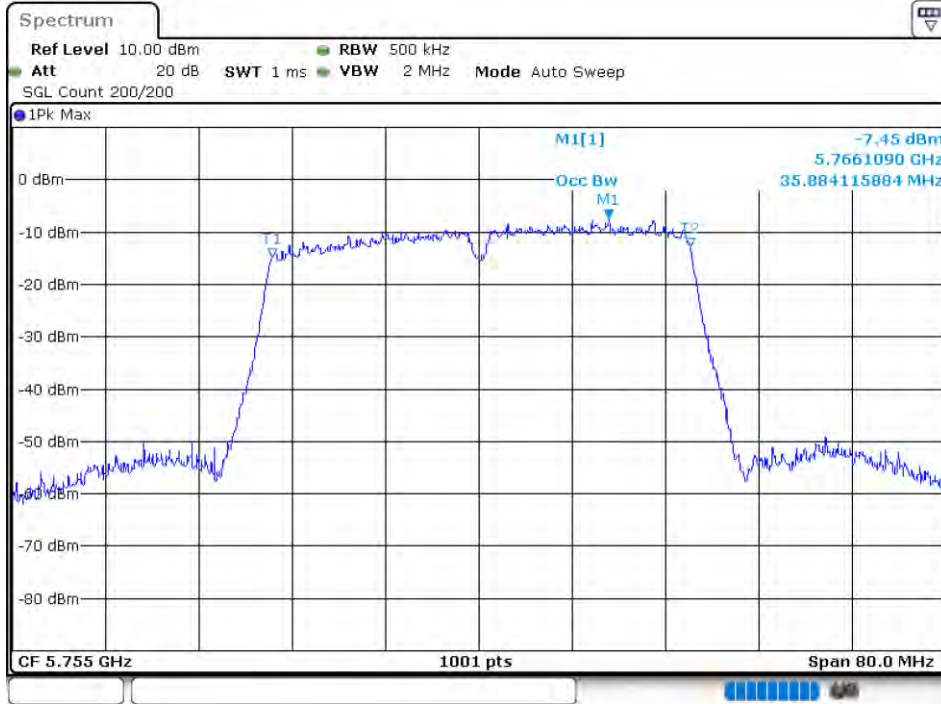
OBW NVNT 802.11n(HT20) 5825MHz Ant2



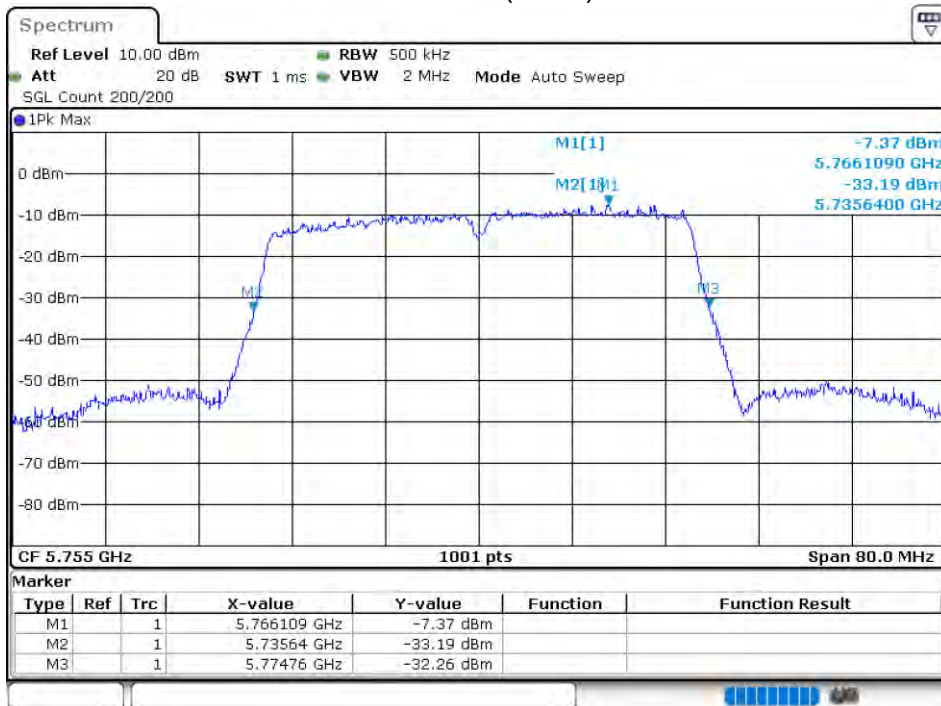
-26 dB BW NVNT 802.11n(HT20) 5825MHz Ant2



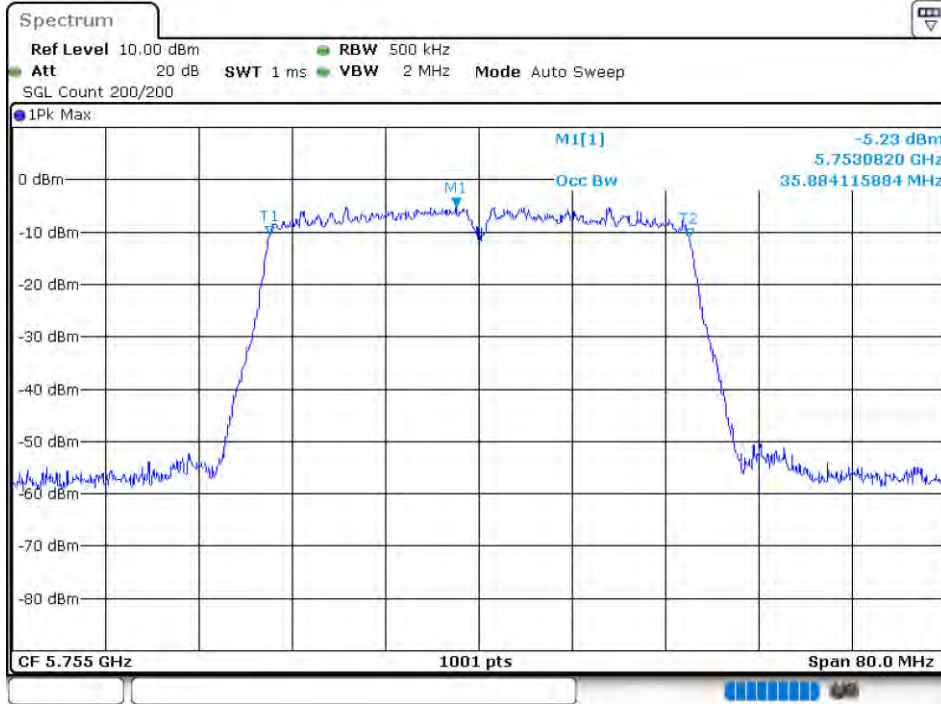
OBW NVNT 802.11n(HT40) 5755MHz Ant1



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



OBW NVNT 802.11n(HT40) 5755MHz Ant2

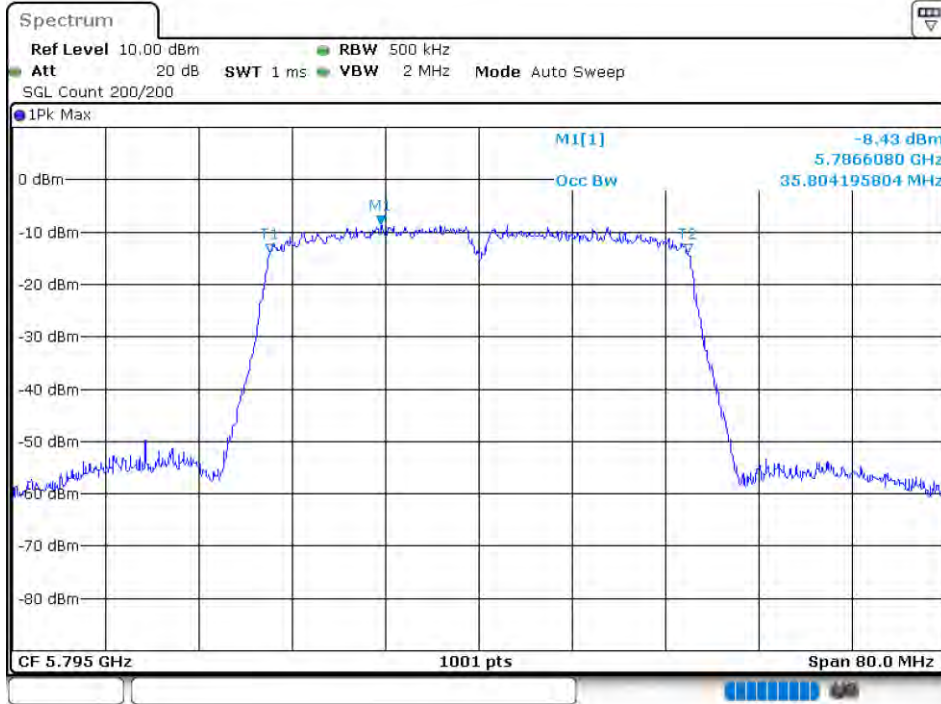


-26 dB BW NVNT 802.11n(HT40) 5755MHz Ant2

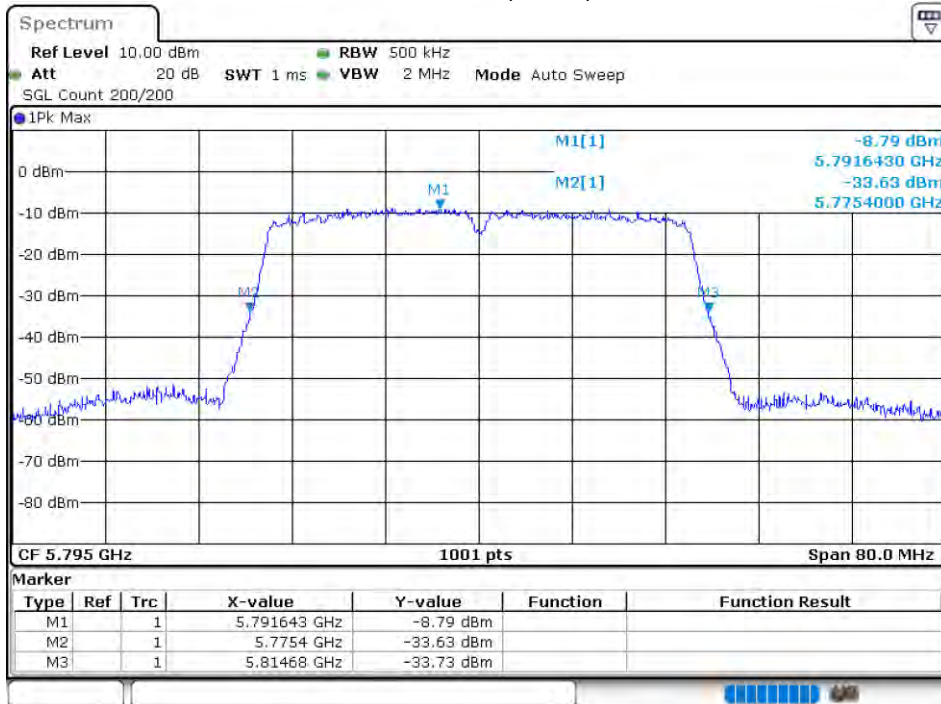




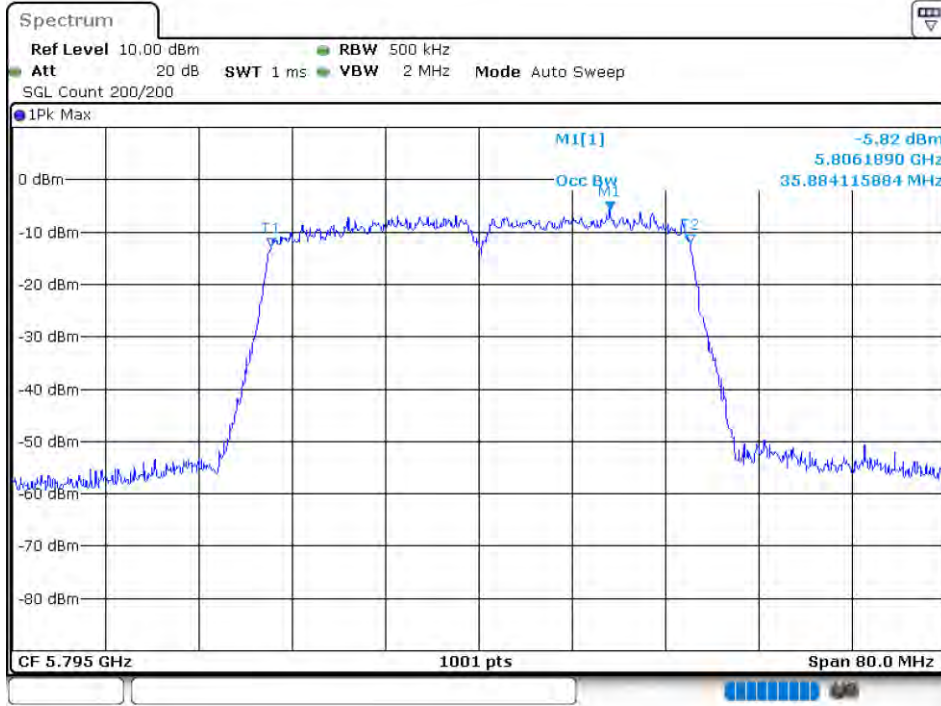
OBW NVNT 802.11n(HT40) 5795MHz Ant1



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



OBW NVNT 802.11n(HT40) 5795MHz Ant2



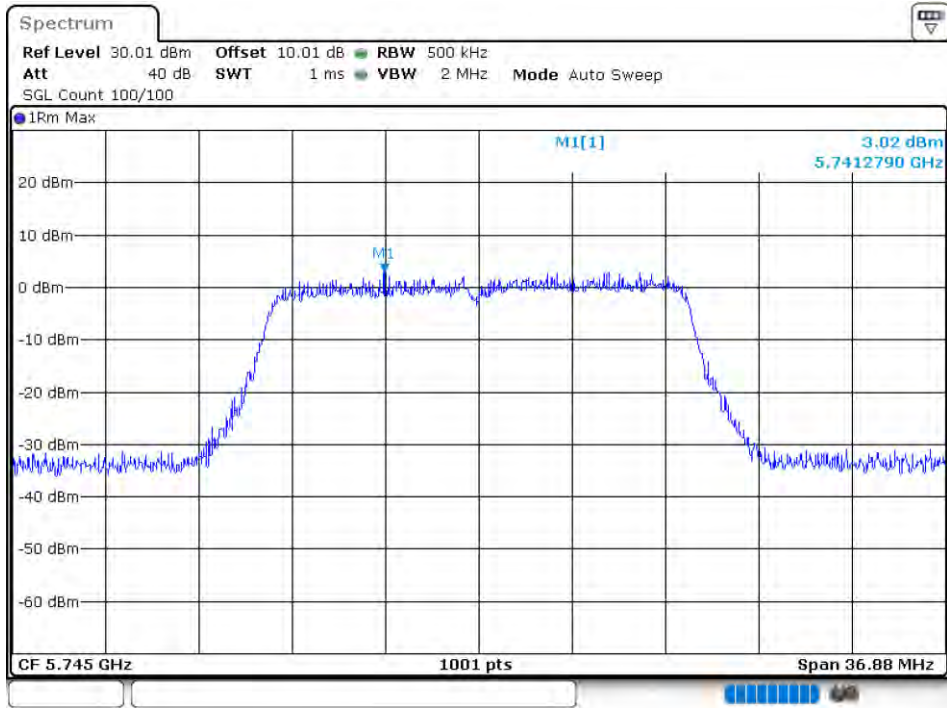
-26 dB BW NVNT 802.11n(HT40) 5795MHz Ant2



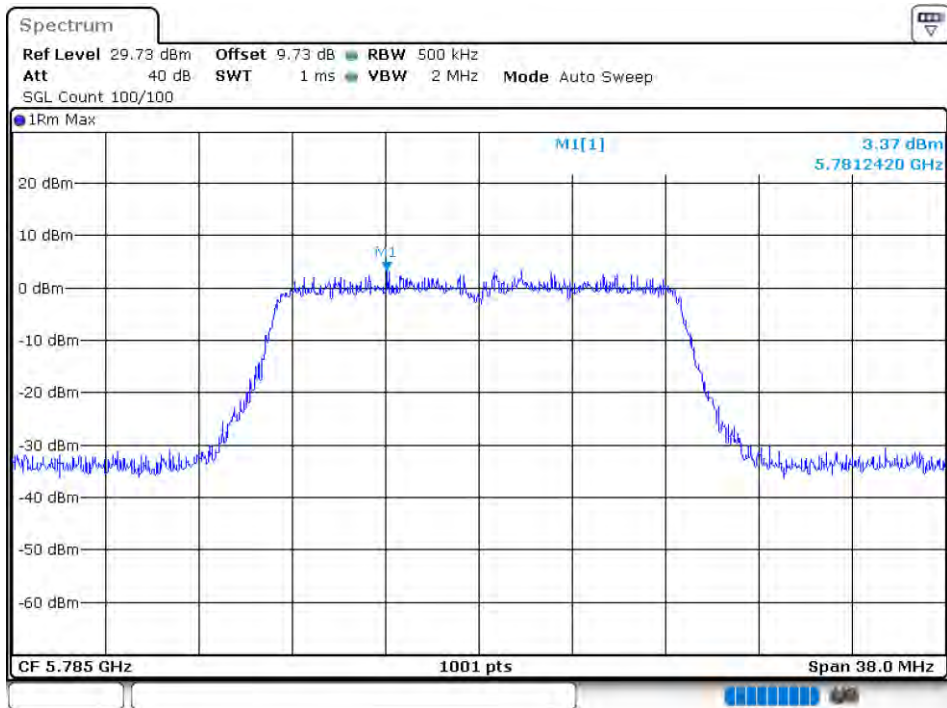
5.5 MAXIMUM POWER SPECTRAL DENSITY LEVEL

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Total PSD (dBm)	Limit (dBm)	Verdict
NVNT	a	5745	Ant 1	3.02		30	Pass
NVNT	a	5785	Ant 1	3.37		30	Pass
NVNT	a	5825	Ant 1	4.33		30	Pass
NVNT	a	5745	Ant 2	2.66		30	Pass
NVNT	a	5785	Ant 2	3.77		30	Pass
NVNT	a	5825	Ant 2	4.06		30	Pass
NVNT	ac20	5745	Ant 1	2.96	5.91	30	Pass
NVNT	ac20	5745	Ant 2	2.83			
NVNT	ac20	5785	Ant 1	2.98	5.89	30	Pass
NVNT	ac20	5785	Ant 2	2.78			
NVNT	ac20	5825	Ant 1	4.41	7.49	30	Pass
NVNT	ac20	5825	Ant 2	4.54			
NVNT	ac40	5755	Ant 1	1.86	4.45	30	Pass
NVNT	ac40	5755	Ant 2	0.99			
NVNT	ac40	5795	Ant 1	-0.04	2.97	30	Pass
NVNT	ac40	5795	Ant 2	-0.04			
NVNT	ac80	5775	Ant 1	-0.74	1.25	30	Pass
NVNT	ac80	5775	Ant 2	-3.09			
NVNT	n20	5745	Ant 1	2.96	5.51	30	Pass
NVNT	n20	5745	Ant 2	1.99			
NVNT	n20	5785	Ant 1	2.81	5.98	30	Pass
NVNT	n20	5785	Ant 2	3.13			
NVNT	n20	5825	Ant 1	4.07	6.89	30	Pass
NVNT	n20	5825	Ant 2	3.68			
NVNT	n40	5755	Ant 1	1.2	4.28	30	Pass
NVNT	n40	5755	Ant 2	1.34			
NVNT	n40	5795	Ant 1	0.23	3.27	30	Pass
NVNT	n40	5795	Ant 2	0.28			

### PSD NVNT 802.11a 5745MHz Ant 1

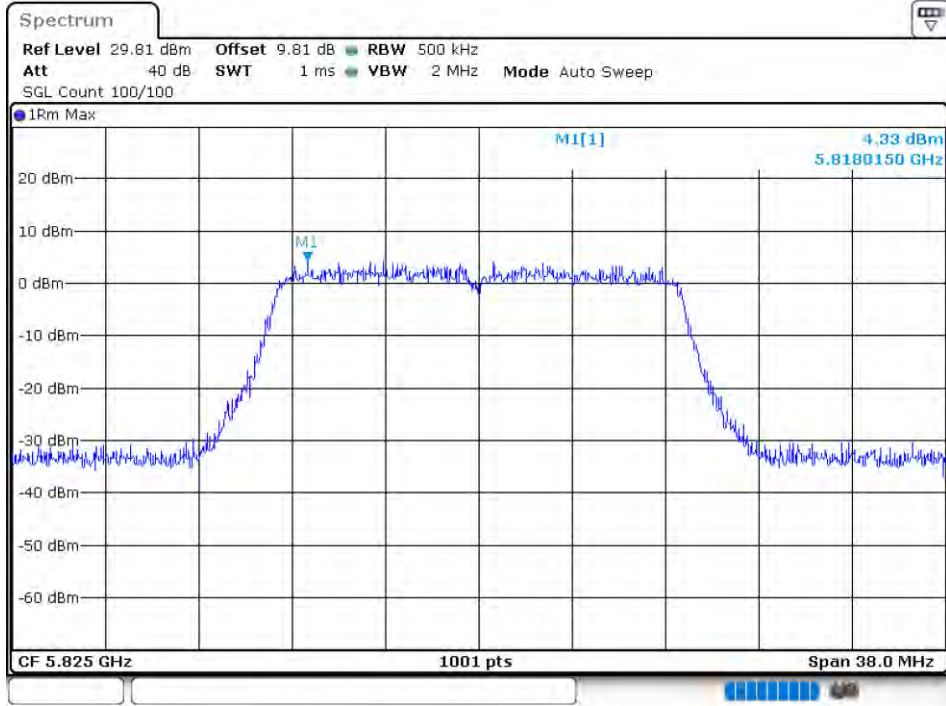


### PSD NVNT 802.11a 5785MHz Ant 1

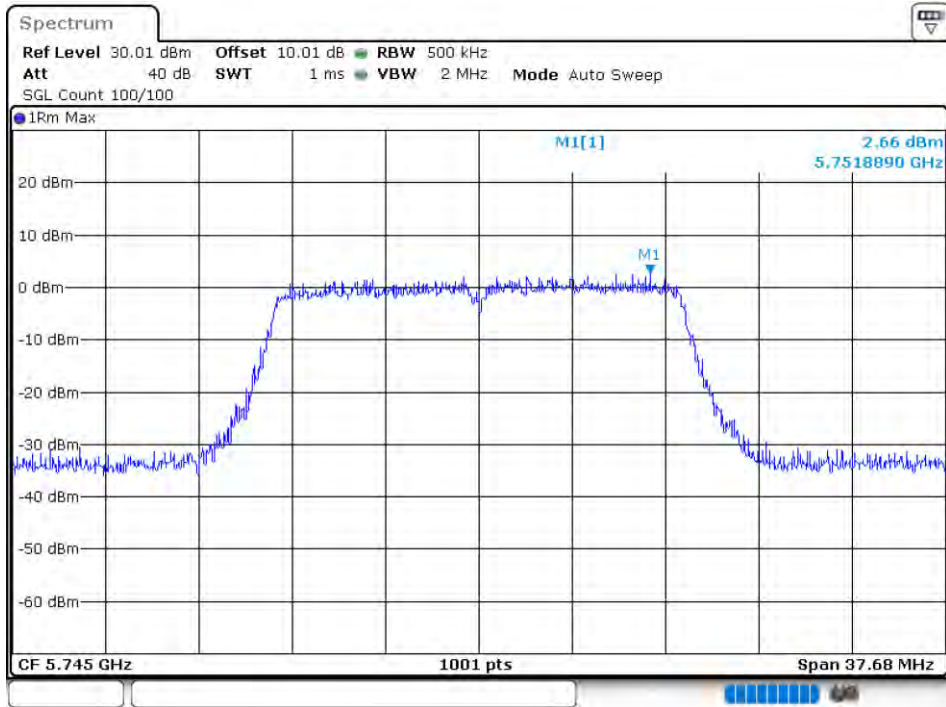




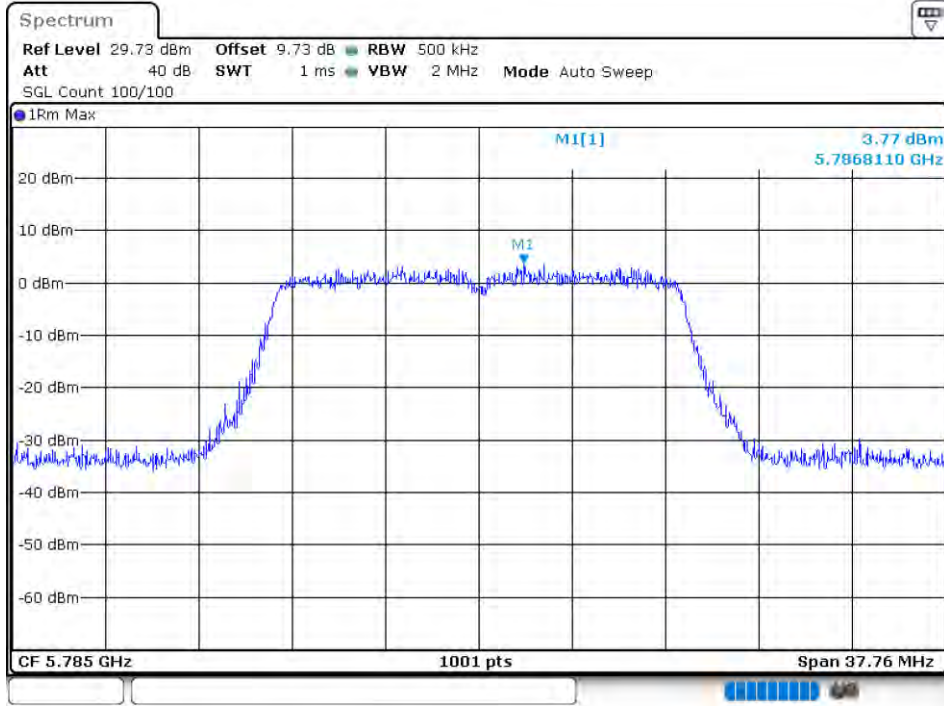
PSD NVNT 802.11a 5825MHz Ant 1



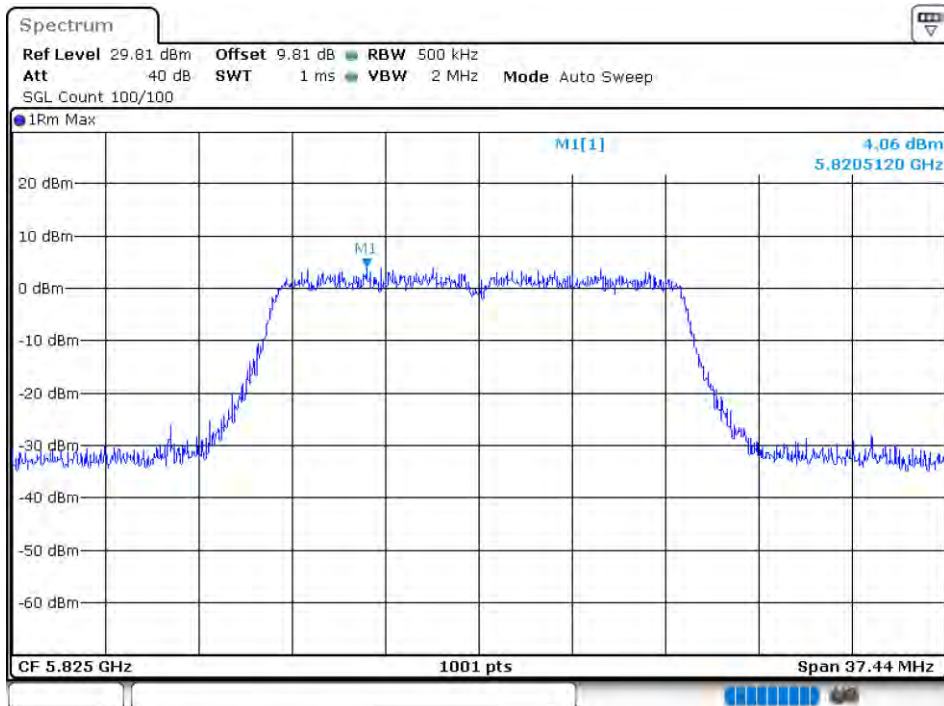
PSD NVNT 802.11a 5745MHz Ant 2



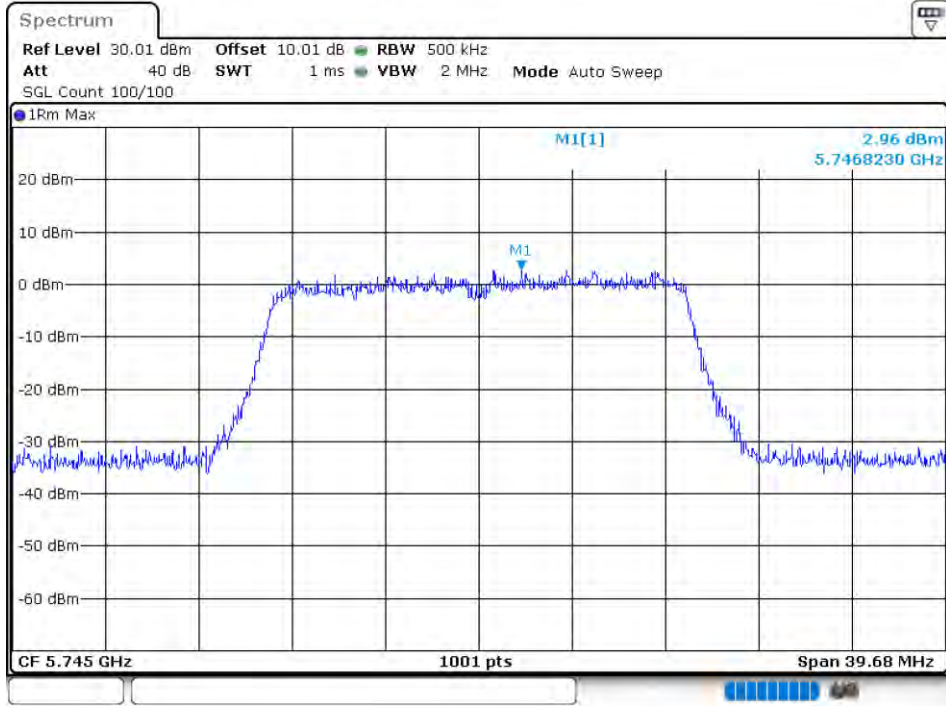
PSD NVNT 802.11a 5785MHz Ant 2



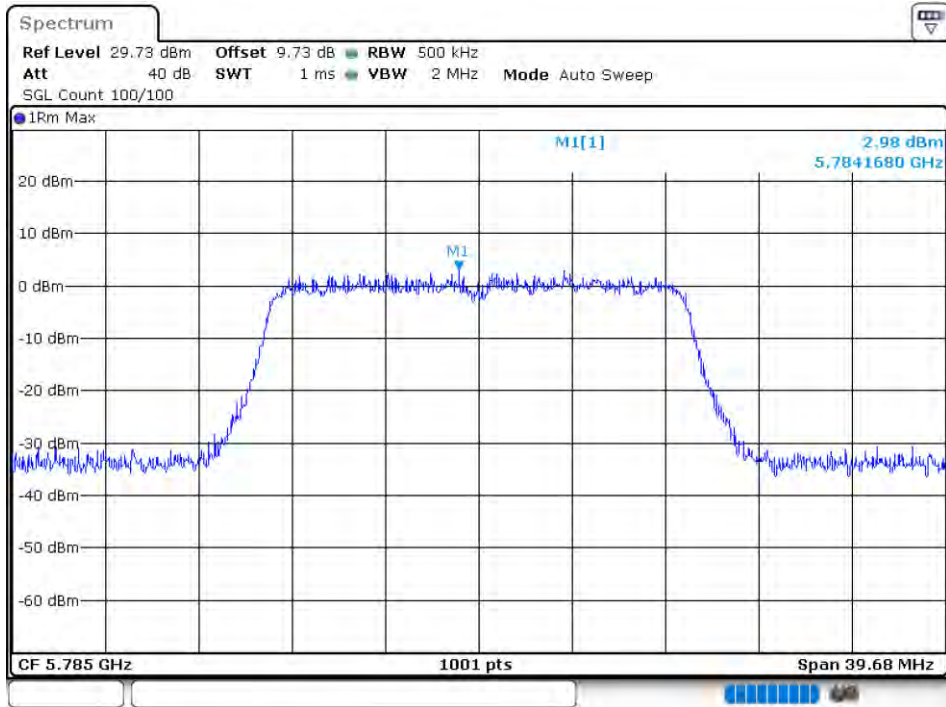
PSD NVNT 802.11a 5825MHz Ant 2



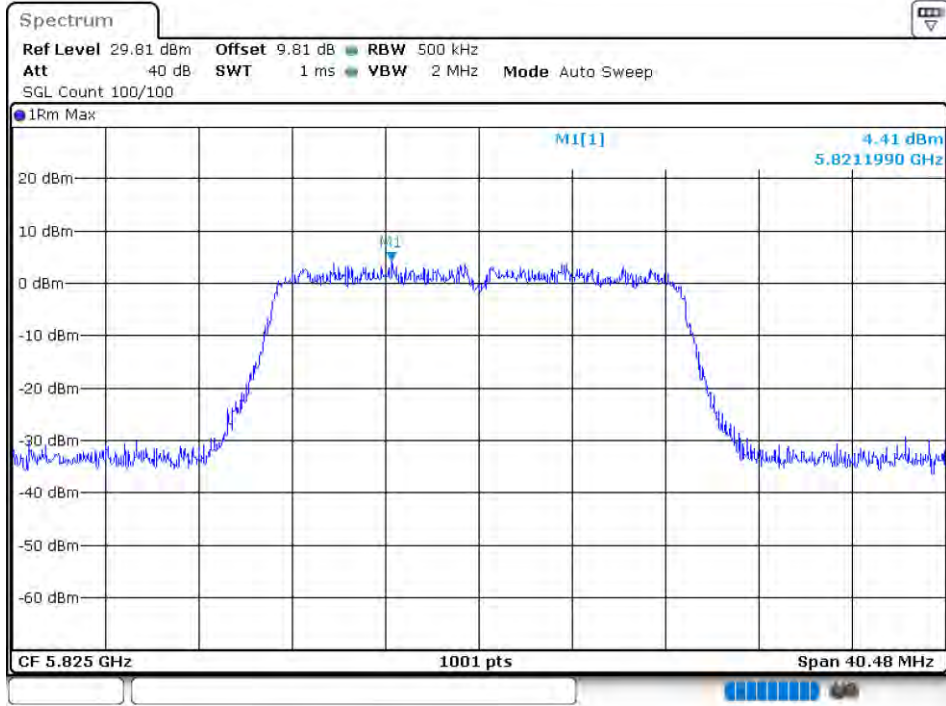
PSD NVNT 802.11ac20 5745MHz Ant 1



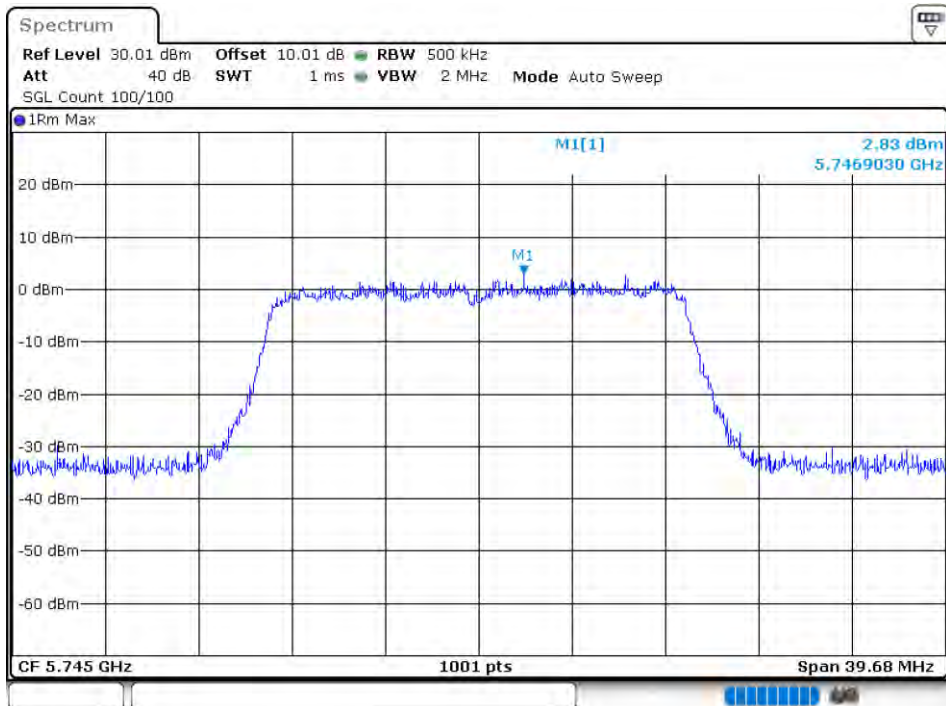
PSD NVNT 802.11ac20 5785MHz Ant 1



### PSD NVNT 802.11ac20 5825MHz Ant 1

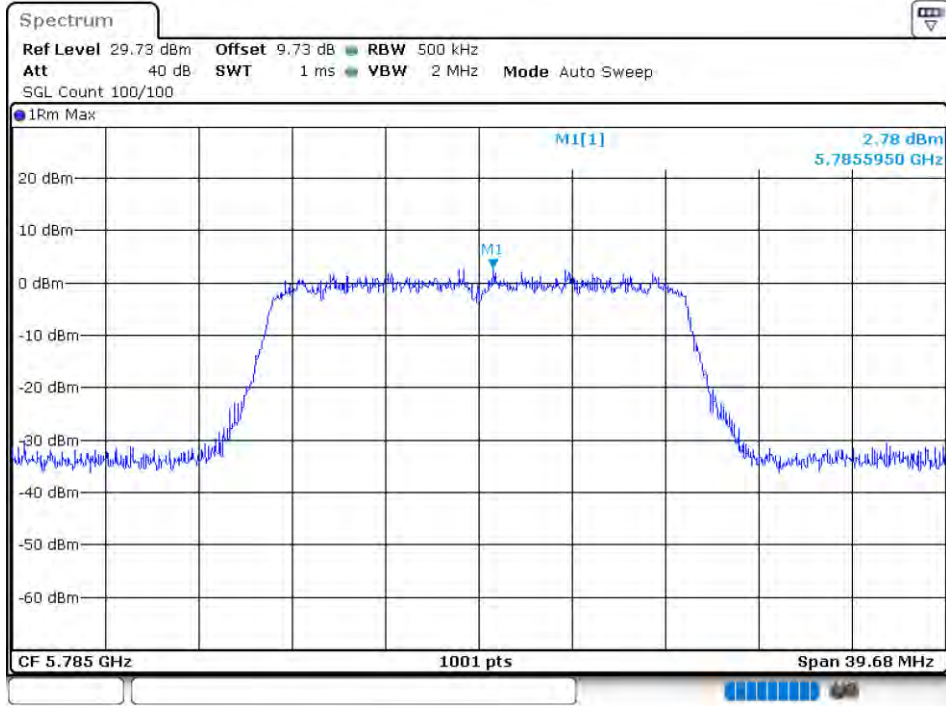


### PSD NVNT 802.11ac20 5745MHz Ant 2

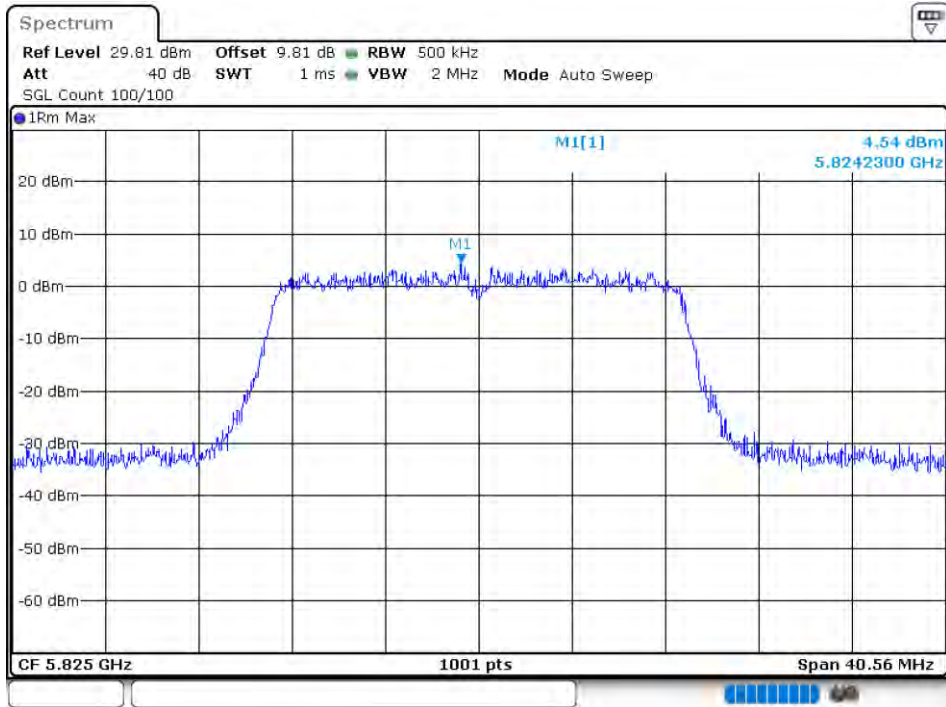




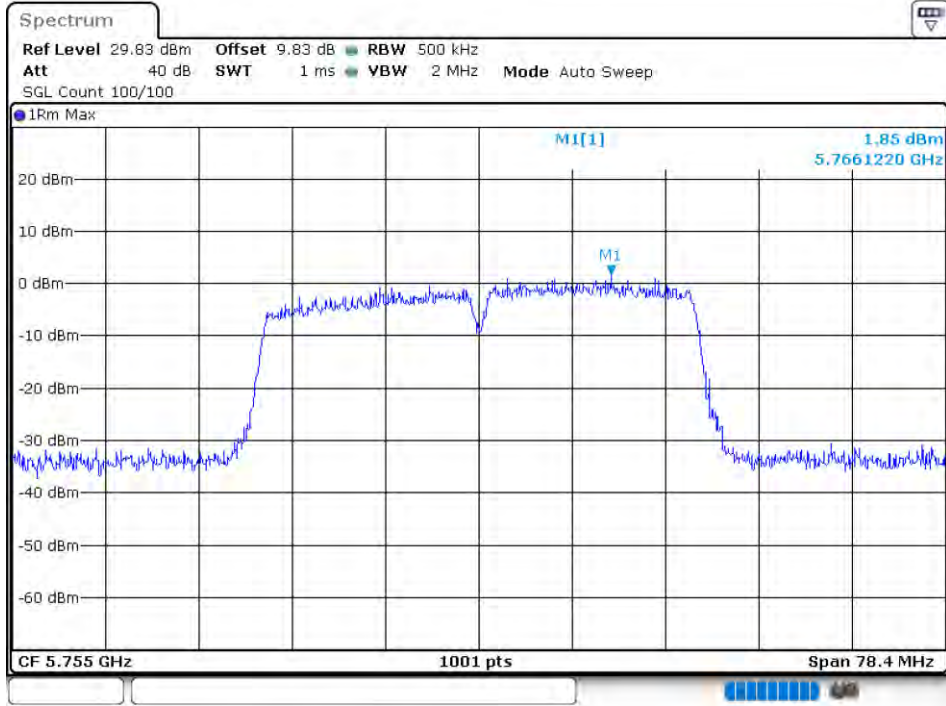
PSD NVNT 802.11ac20 5785MHz Ant 2



PSD NVNT 802.11ac20 5825MHz Ant 2



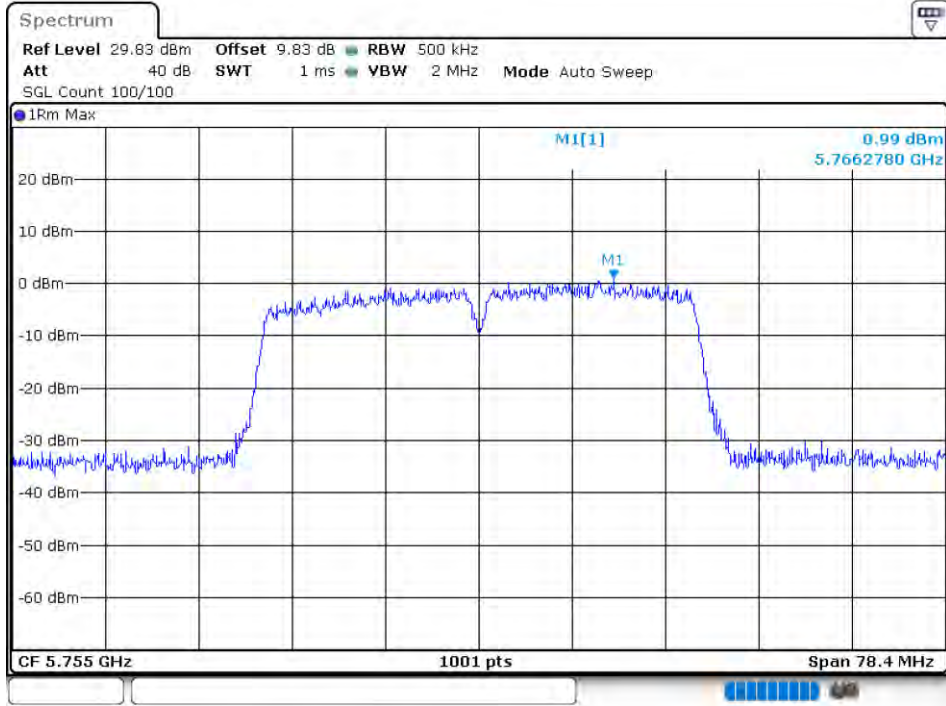
PSD NVNT 802.11ac40 5755MHz Ant 1



PSD NVNT 802.11ac40 5795MHz Ant 1



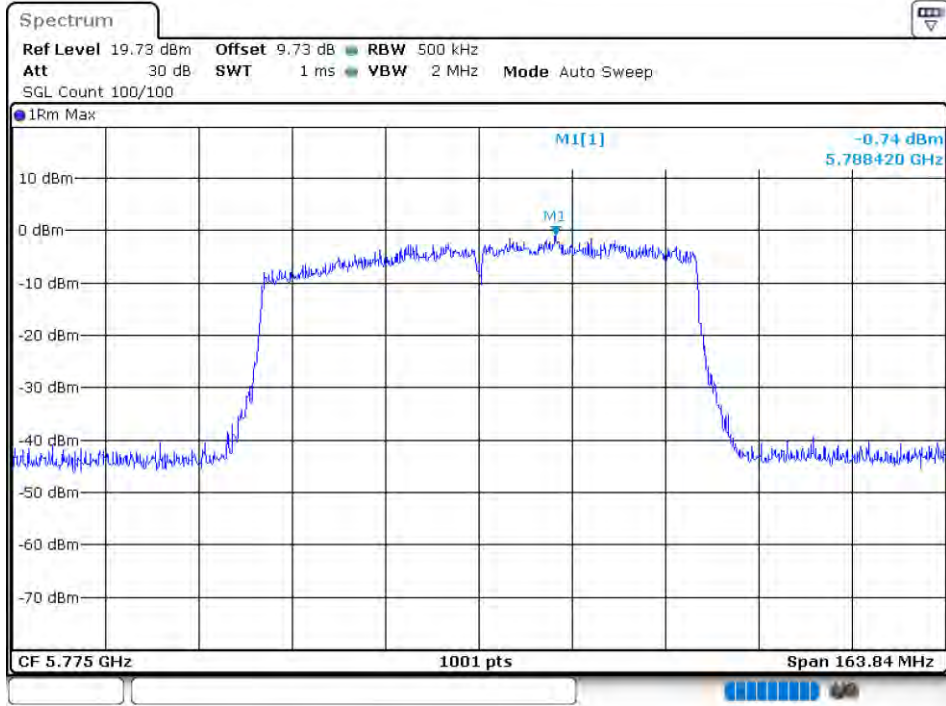
### PSD NVNT 802.11ac40 5755MHz Ant 2



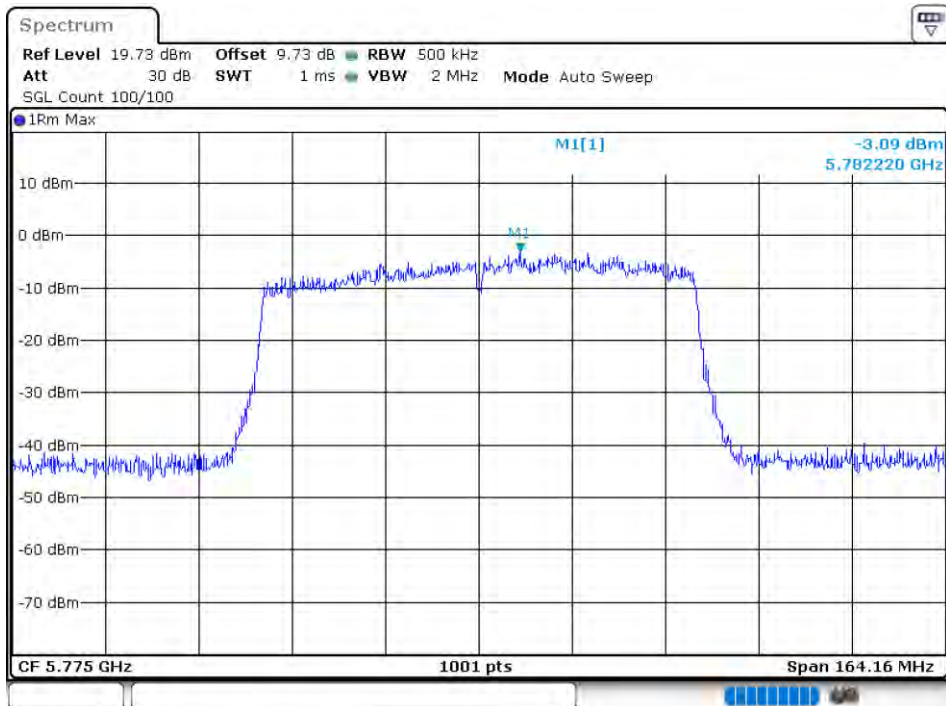
### PSD NVNT 802.11ac40 5795MHz Ant 2



PSD NVNT 802.11ac80 5775MHz Ant 1

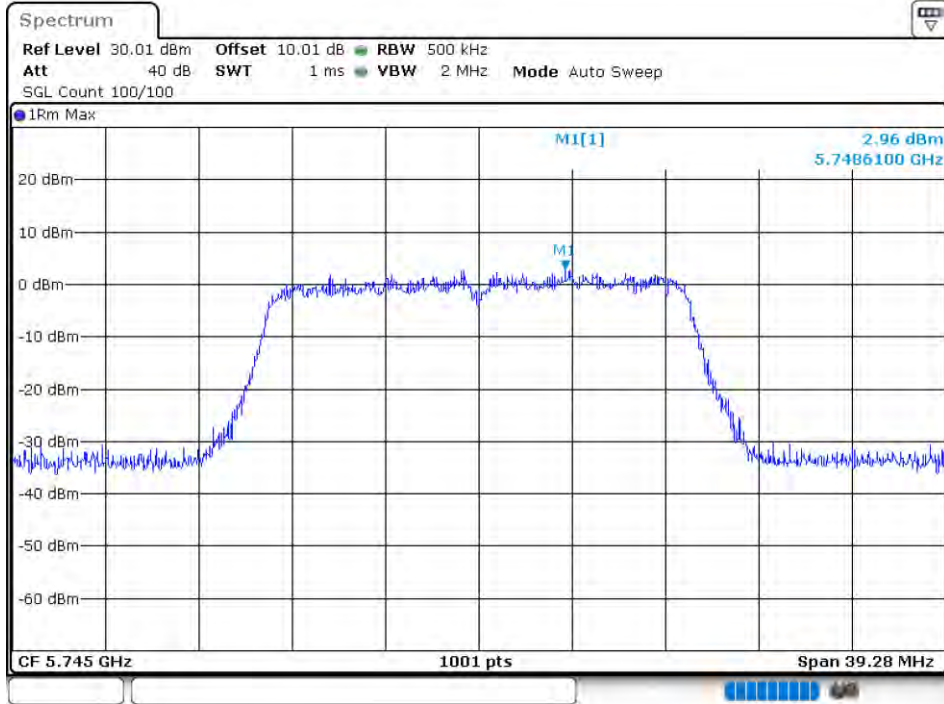


PSD NVNT 802.11ac80 5775MHz Ant 2

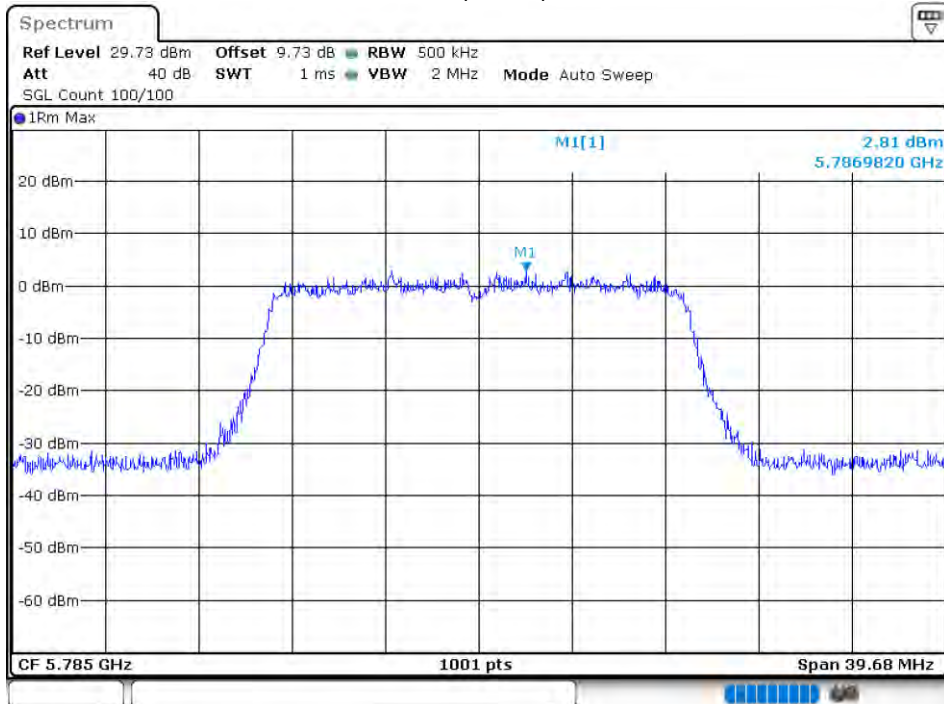




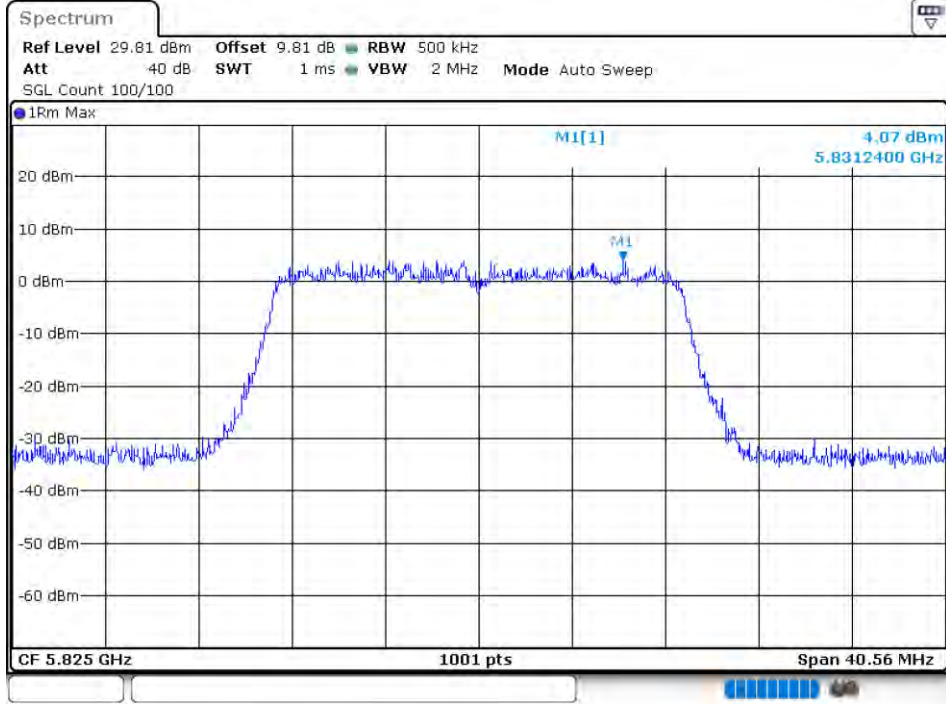
PSD NVNT 802.11n(HT20) 5745MHz Ant 1



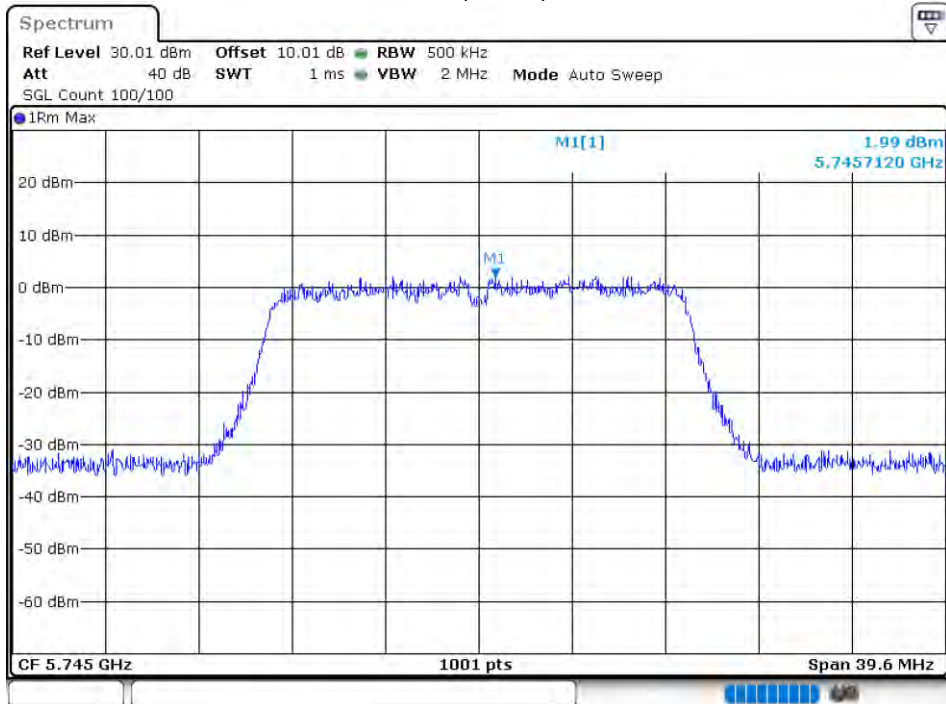
PSD NVNT 802.11n(HT20) 5785MHz Ant 1



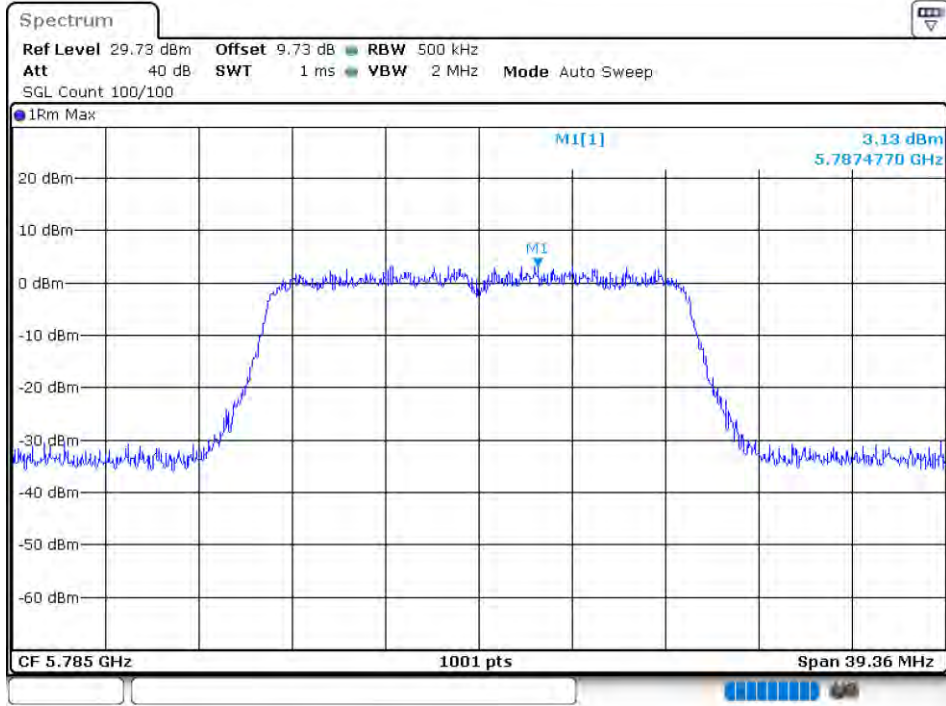
PSD NVNT 802.11n(HT20) 5825MHz Ant 1



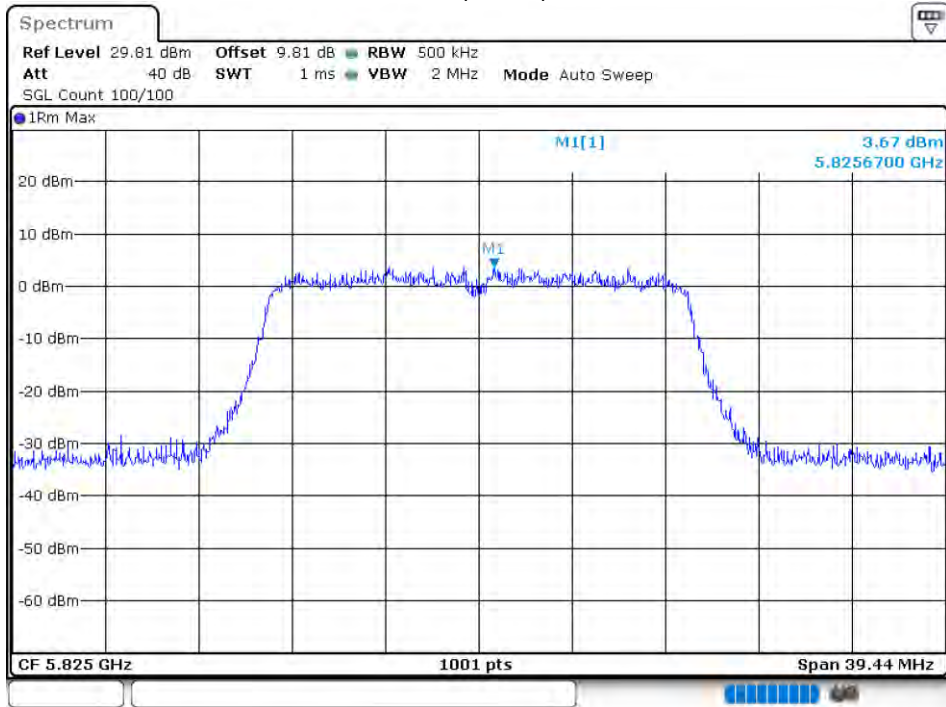
PSD NVNT 802.11n(HT20) 5745MHz Ant 2



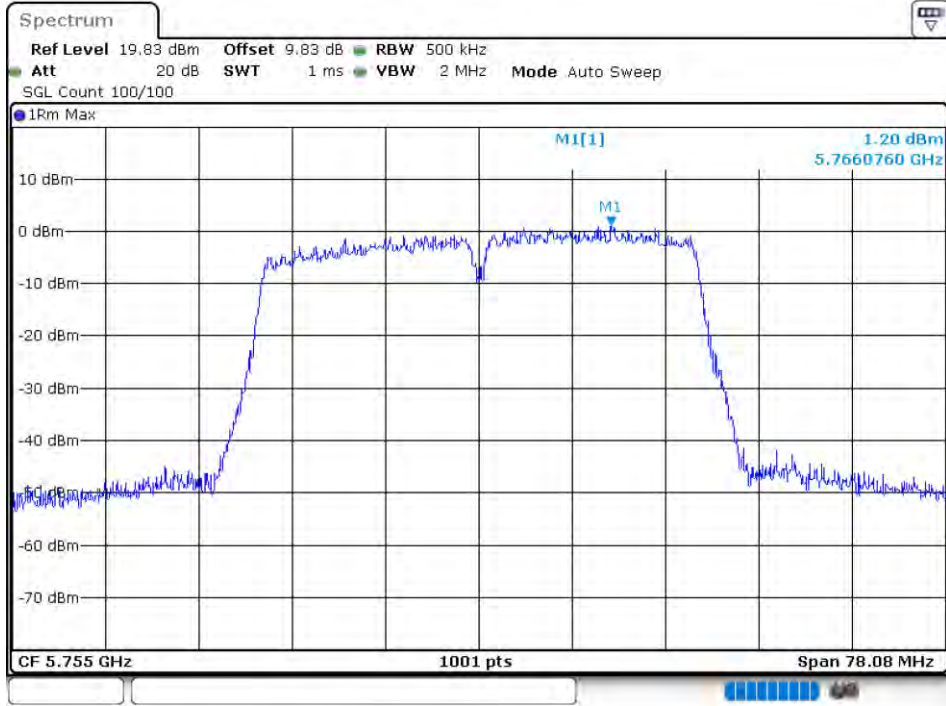
### PSD NVNT 802.11n(HT20) 5785MHz Ant 2



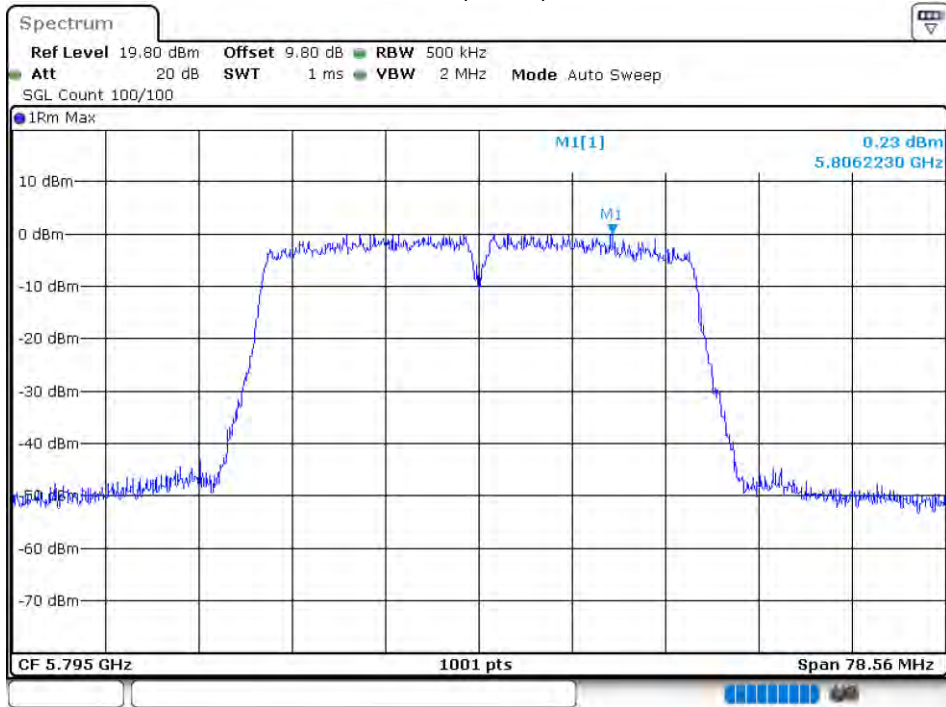
### PSD NVNT 802.11n(HT20) 5825MHz Ant 2



PSD NVNT 802.11n(HT40) 5755MHz Ant 1

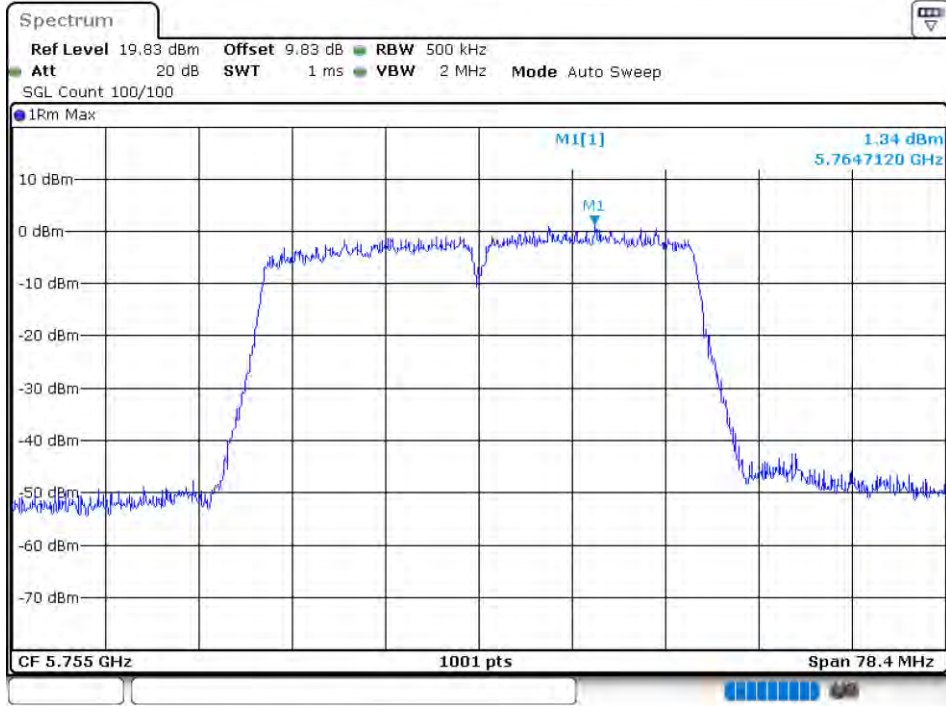


PSD NVNT 802.11n(HT40) 5795MHz Ant 1

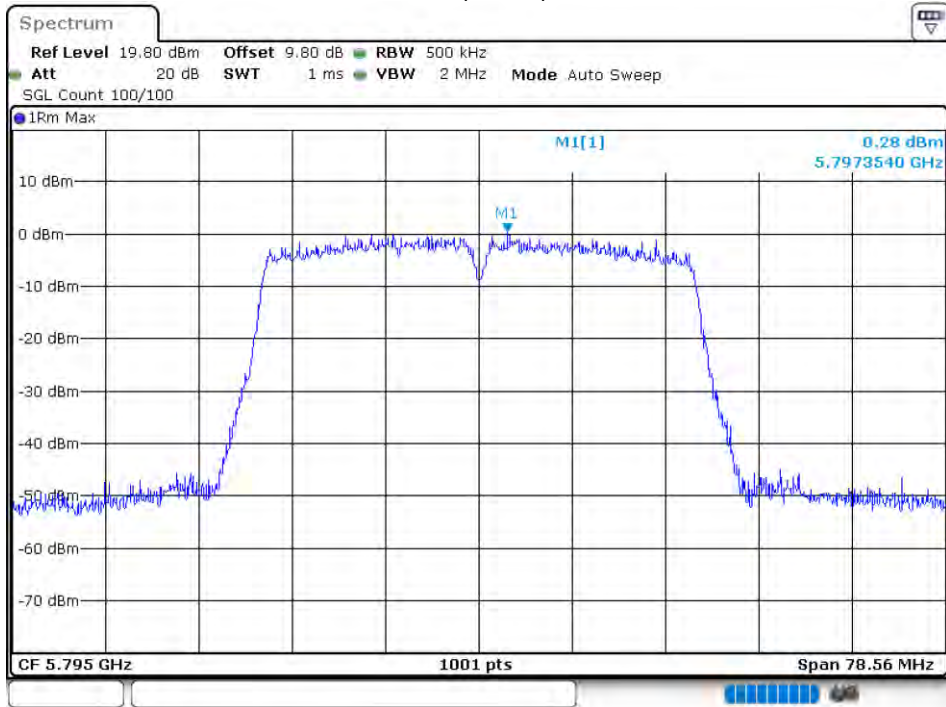




PSD NVNT 802.11n(HT40) 5755MHz Ant 2



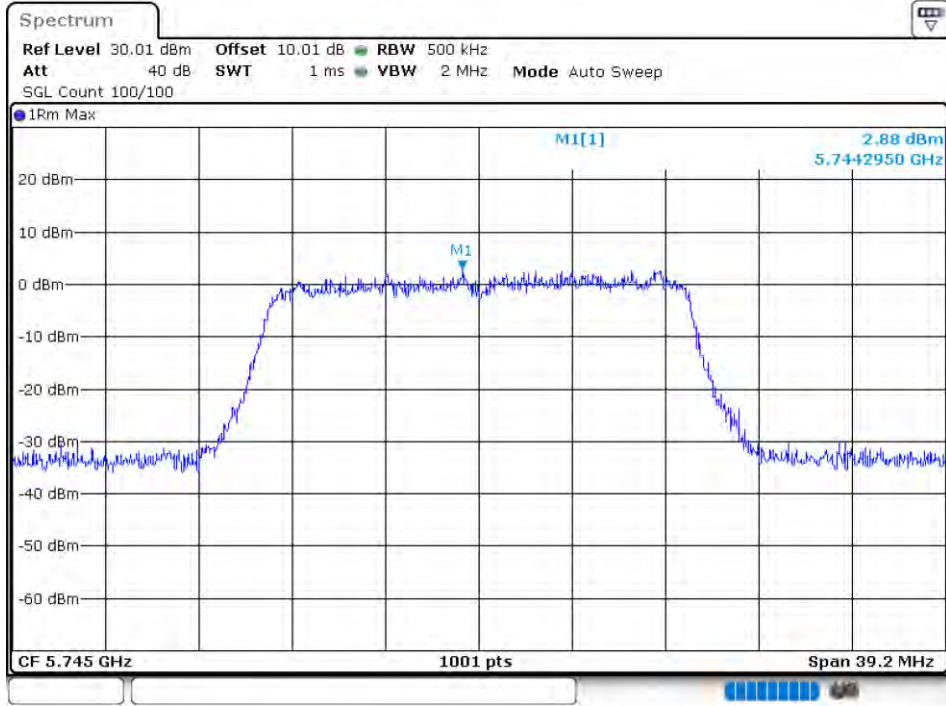
PSD NVNT 802.11n(HT40) 5795MHz Ant 2



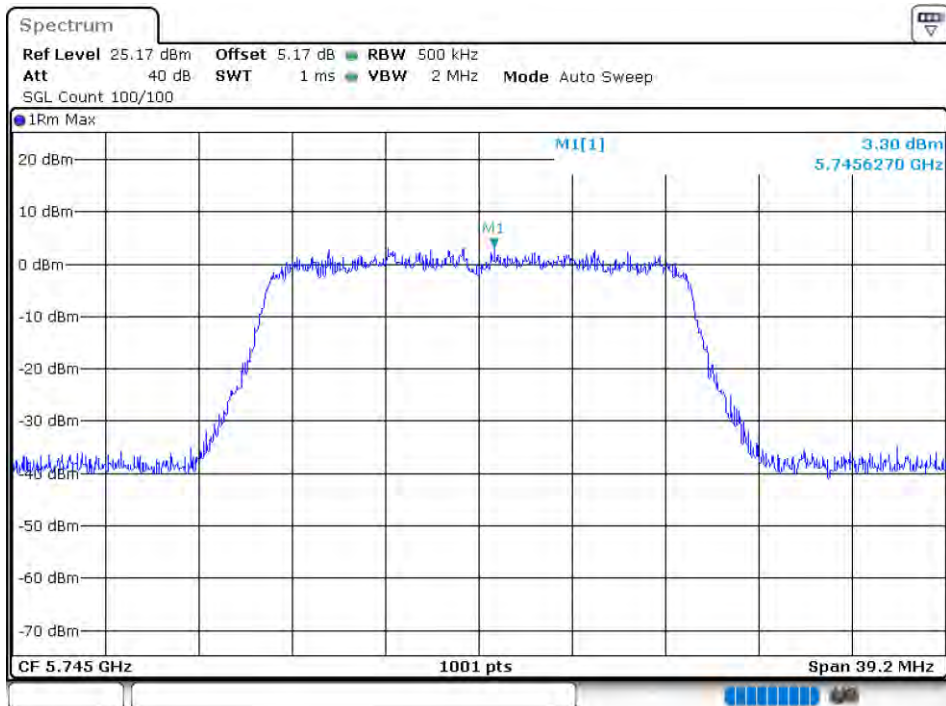
MIMO

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	802.11ac20	5745	Ant 1	2.876	30	Pass
NVNT	802.11ac20	5745	Ant 2	3.302	30	Pass
NVNT	802.11ac20	5745	Total	6.105	30	Pass
NVNT	802.11ac20	5785	Ant 1	3.806	30	Pass
NVNT	802.11ac20	5785	Ant 2	0.633	30	Pass
NVNT	802.11ac20	5785	Total	5.513	30	Pass
NVNT	802.11ac20	5825	Ant 1	4.535	30	Pass
NVNT	802.11ac20	5825	Ant 2	4.221	30	Pass
NVNT	802.11ac20	5825	Total	7.391	30	Pass
NVNT	802.11ac40	5755	Ant 1	1.976	30	Pass
NVNT	802.11ac40	5755	Ant 2	-0.671	30	Pass
NVNT	802.11ac40	5755	Total	3.861	30	Pass
NVNT	802.11ac40	5795	Ant 1	0.96	30	Pass
NVNT	802.11ac40	5795	Ant 2	-2.298	30	Pass
NVNT	802.11ac40	5795	Total	2.64	30	Pass
NVNT	802.11ac80	5775	Ant 1	-2.145	30	Pass
NVNT	802.11ac80	5775	Ant 2	-5.718	30	Pass
NVNT	802.11ac80	5775	Total	-0.564	30	Pass
NVNT	802.11n(HT20)	5745	Ant 1	2.774	30	Pass
NVNT	802.11n(HT20)	5745	Ant 2	3.342	30	Pass
NVNT	802.11n(HT20)	5745	Total	6.078	30	Pass
NVNT	802.11n(HT20)	5785	Ant 1	3.963	30	Pass
NVNT	802.11n(HT20)	5785	Ant 2	0.702	30	Pass
NVNT	802.11n(HT20)	5785	Total	5.642	30	Pass
NVNT	802.11n(HT20)	5825	Ant 1	4.097	30	Pass
NVNT	802.11n(HT20)	5825	Ant 2	4.423	30	Pass
NVNT	802.11n(HT20)	5825	Total	7.273	30	Pass
NVNT	802.11n(HT40)	5755	Ant 1	1.629	30	Pass
NVNT	802.11n(HT40)	5755	Ant 2	-0.486	30	Pass
NVNT	802.11n(HT40)	5755	Total	3.709	30	Pass
NVNT	802.11n(HT40)	5795	Ant 1	0.585	30	Pass
NVNT	802.11n(HT40)	5795	Ant 2	-1.967	30	Pass
NVNT	802.11n(HT40)	5795	Total	2.504	30	Pass

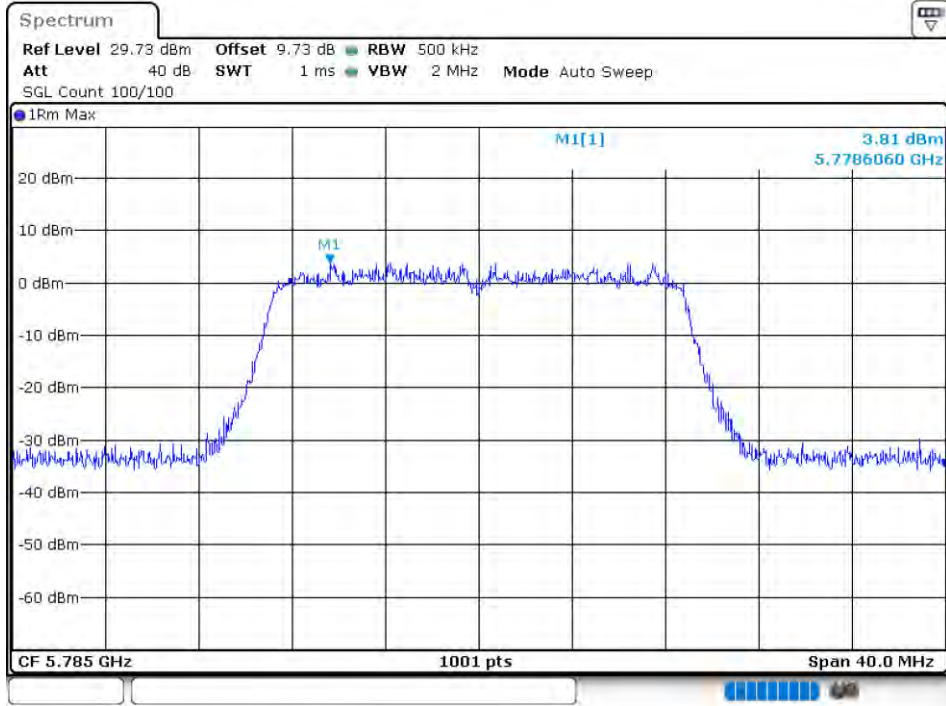
PSD NVNT 802.11ac20 5745MHz Ant1



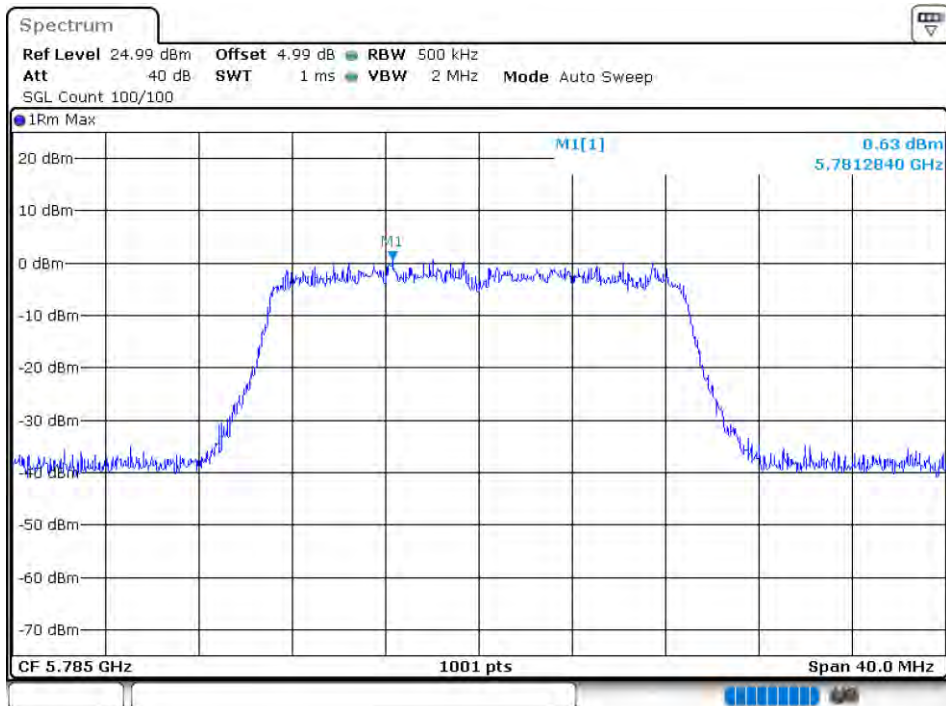
PSD NVNT 802.11ac20 5745MHz Ant2



PSD NVNT 802.11ac20 5785MHz Ant1

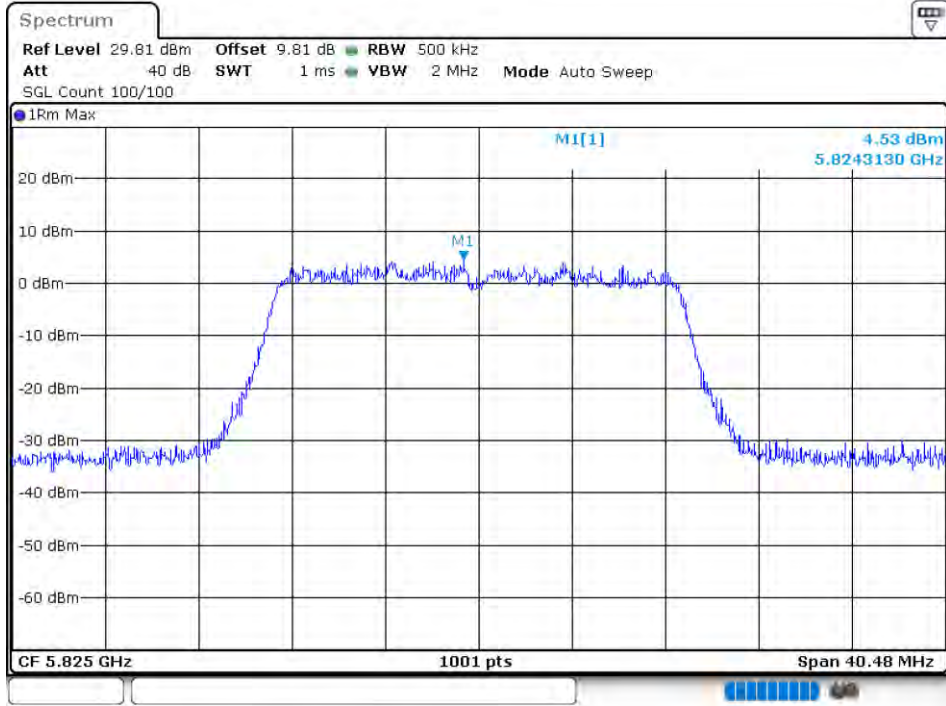


PSD NVNT 802.11ac20 5785MHz Ant2

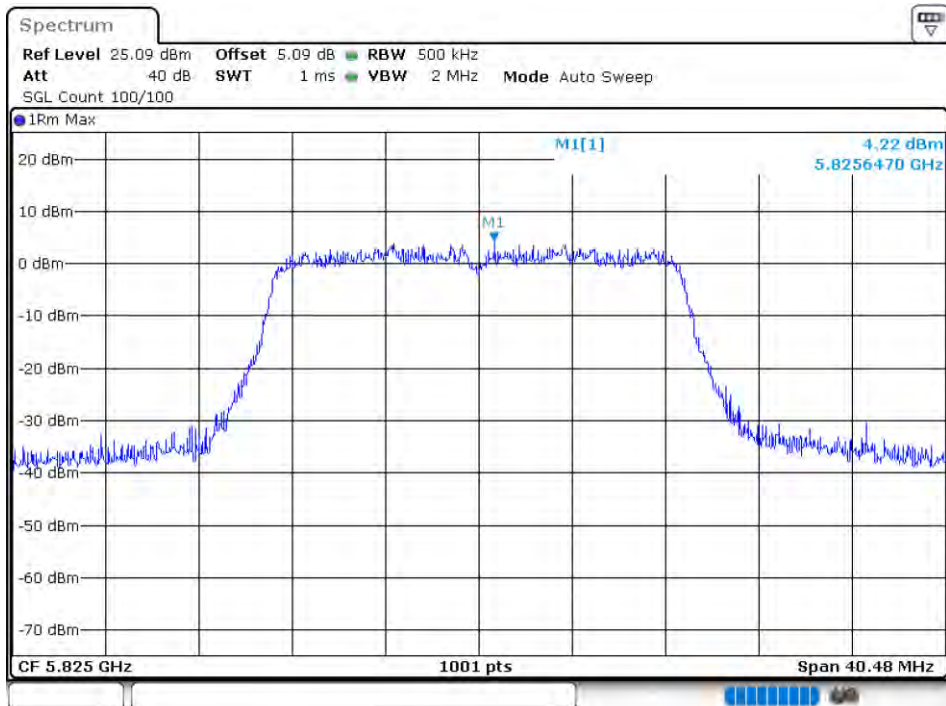




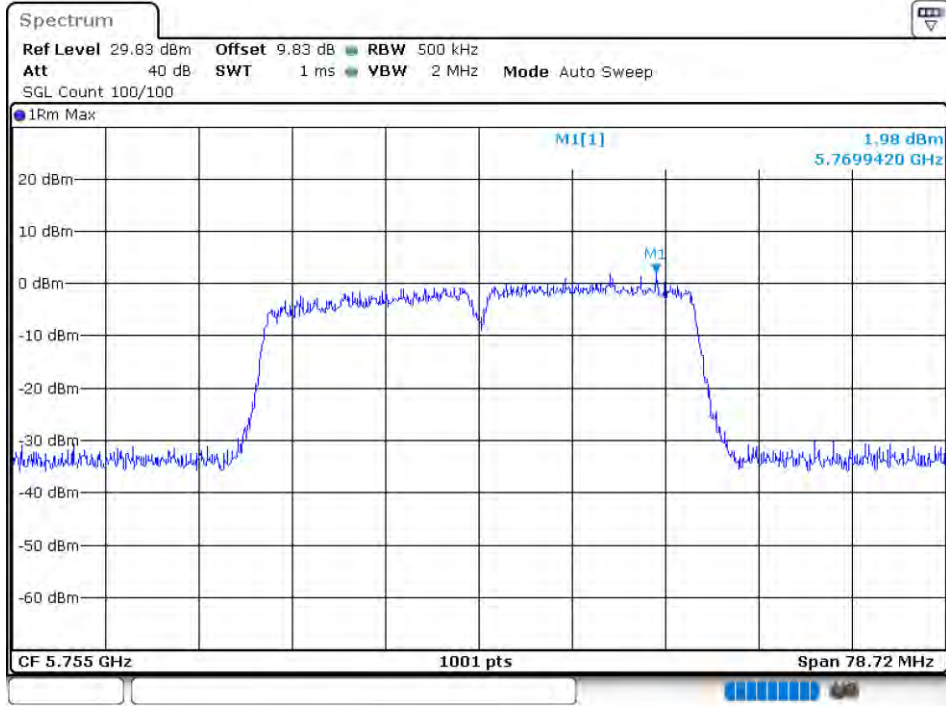
PSD NVNT 802.11ac20 5825MHz Ant1



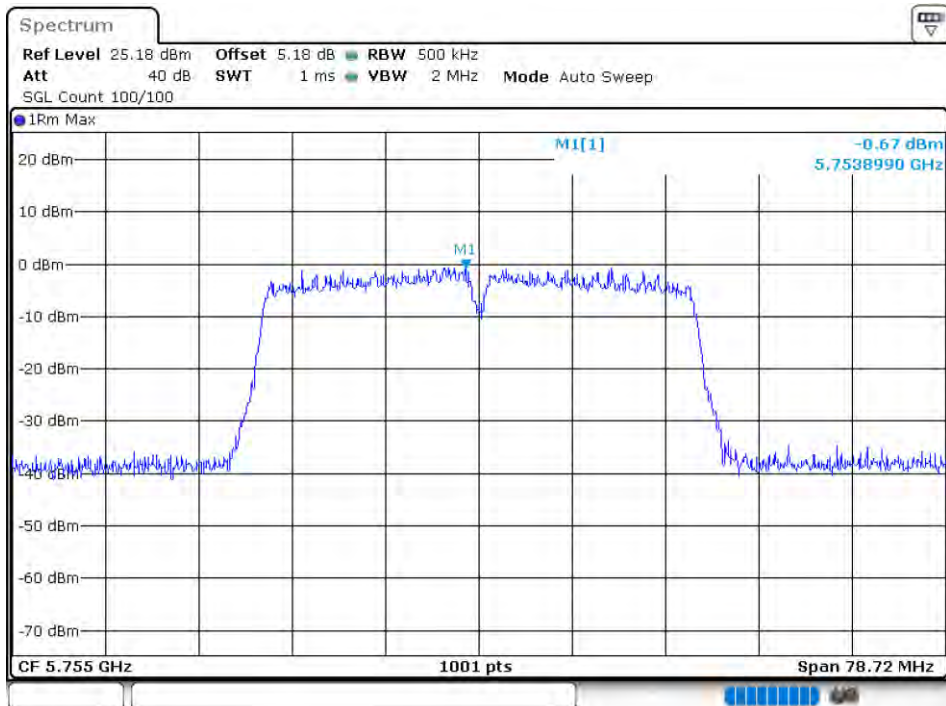
PSD NVNT 802.11ac20 5825MHz Ant2



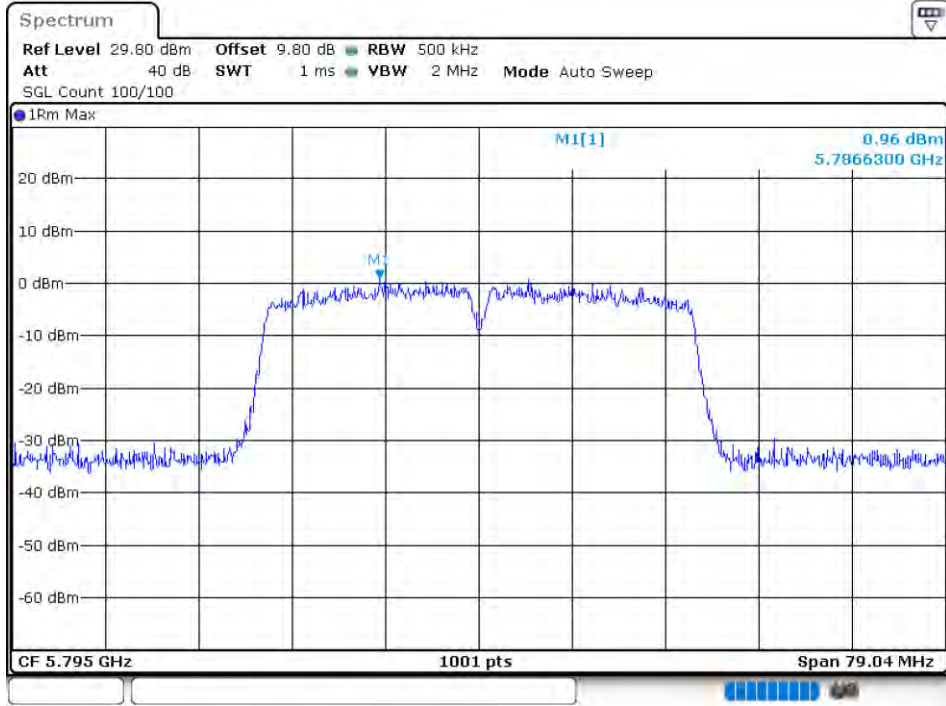
PSD NVNT 802.11ac40 5755MHz Ant1



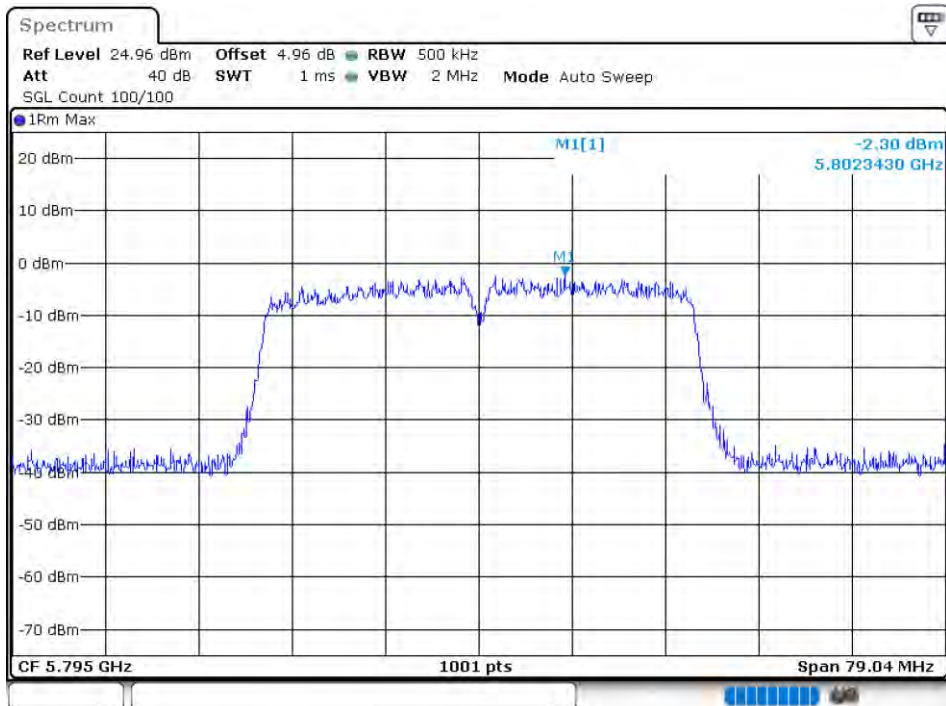
PSD NVNT 802.11ac40 5755MHz Ant2



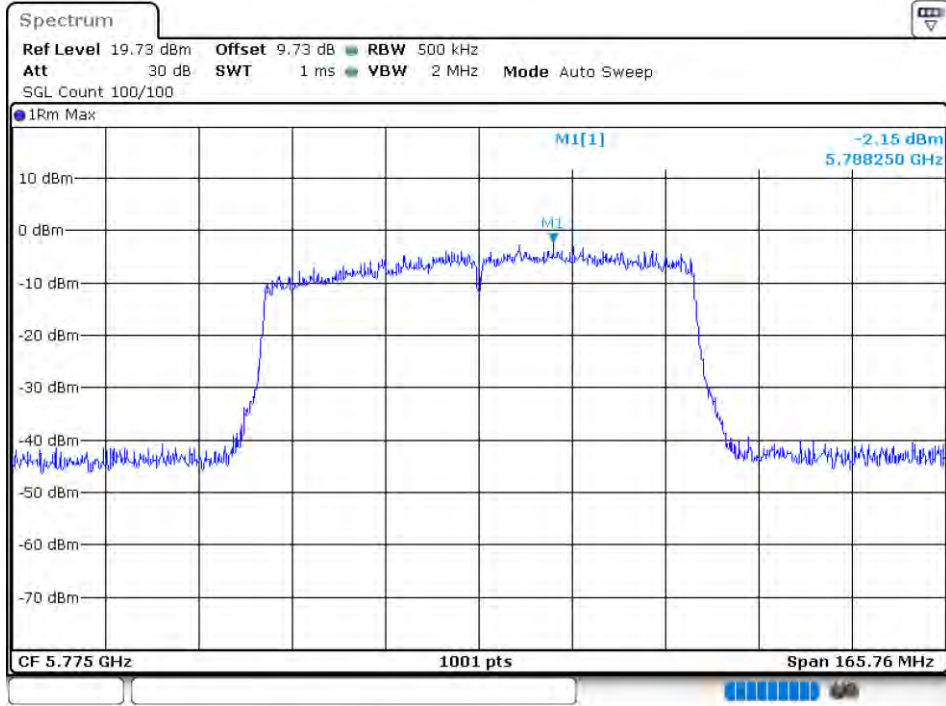
PSD NVNT 802.11ac40 5795MHz Ant1



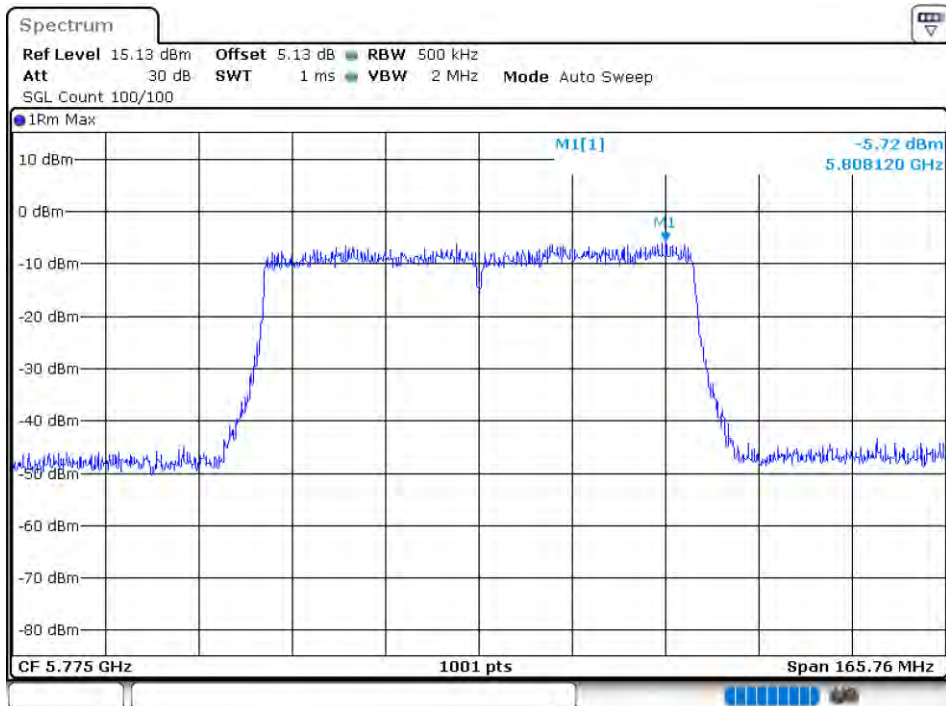
PSD NVNT 802.11ac40 5795MHz Ant2



PSD NVNT 802.11ac80 5775MHz Ant1

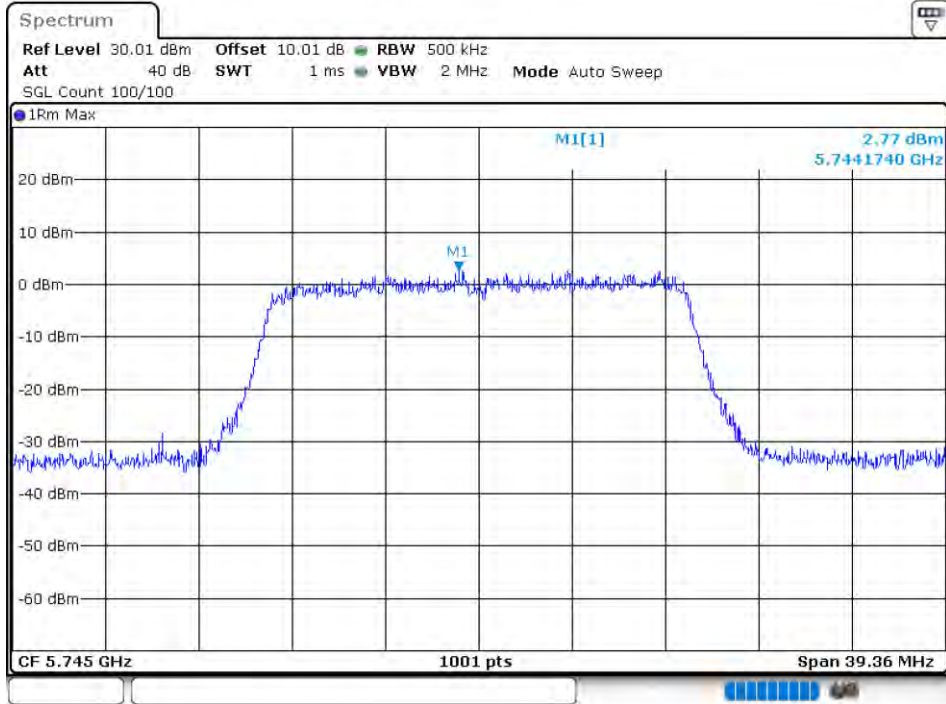


PSD NVNT 802.11ac80 5775MHz Ant2

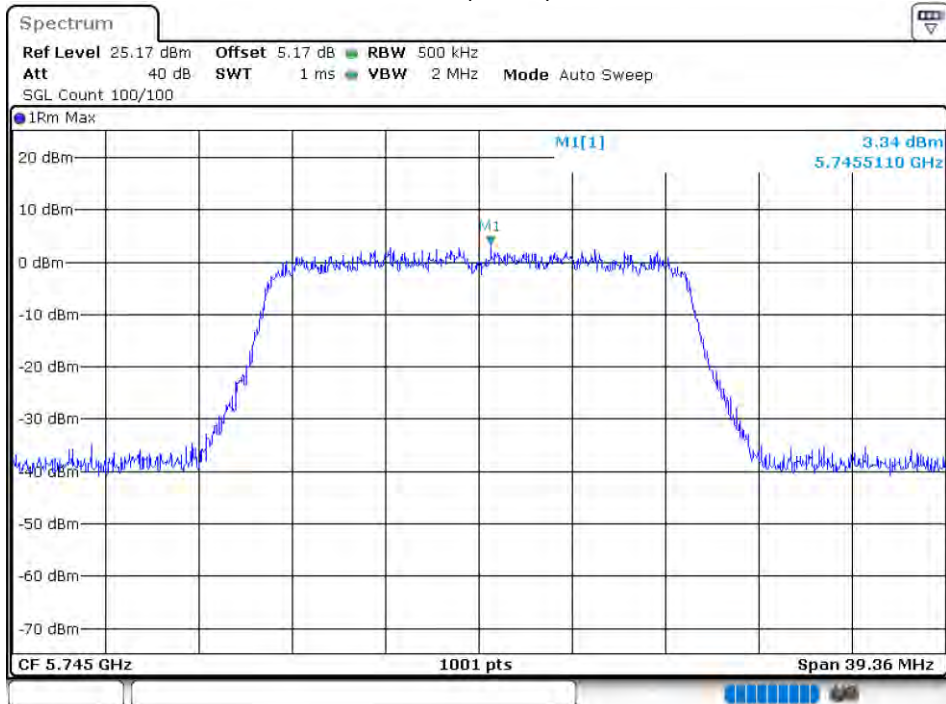




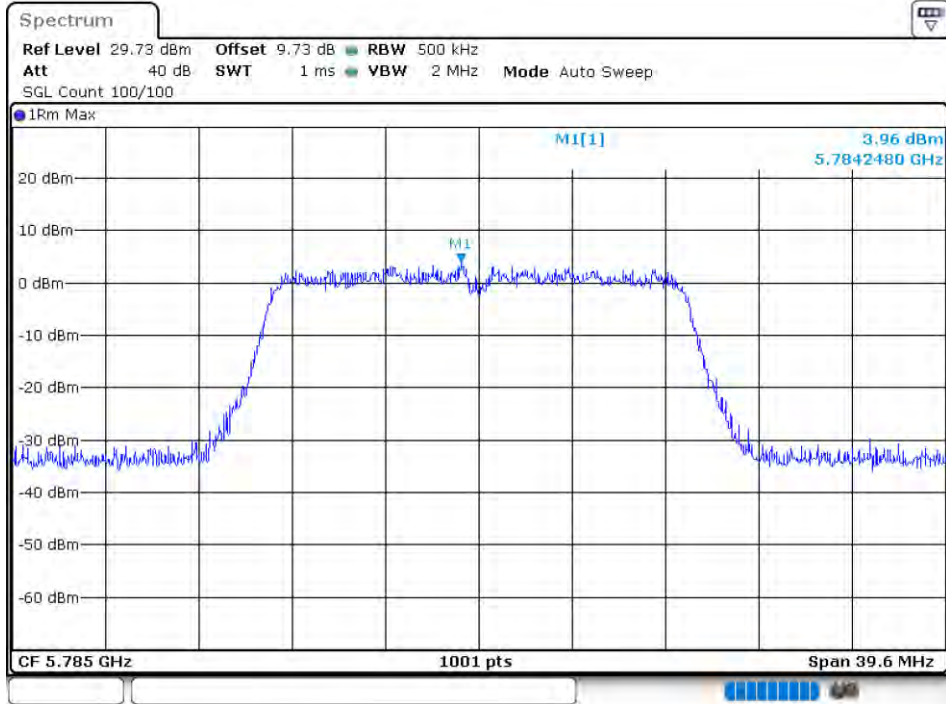
PSD NVNT 802.11n(HT20) 5745MHz Ant1



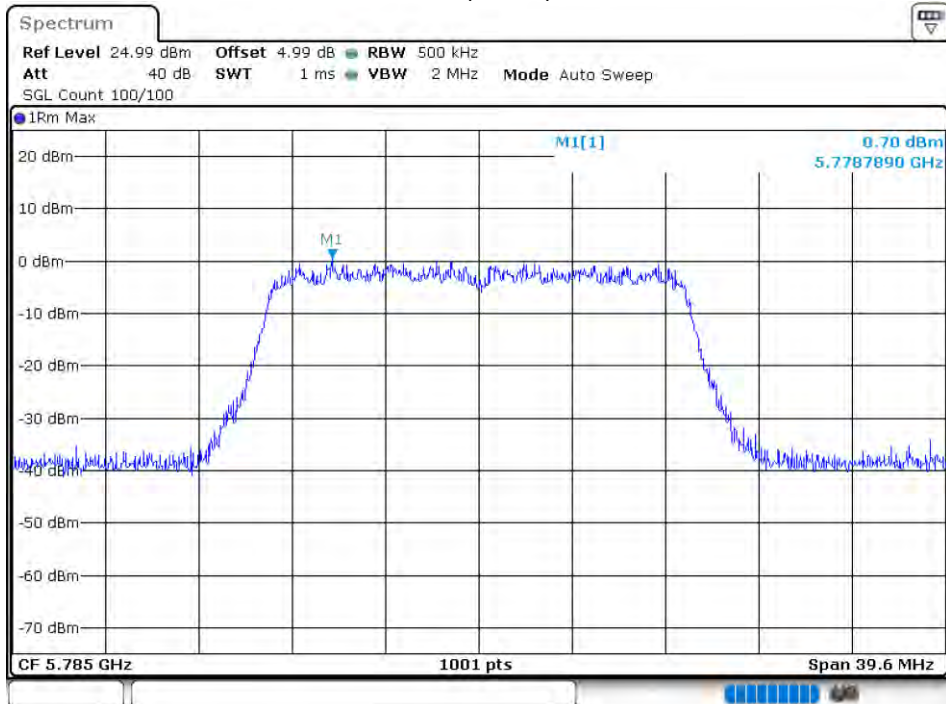
PSD NVNT 802.11n(HT20) 5745MHz Ant2



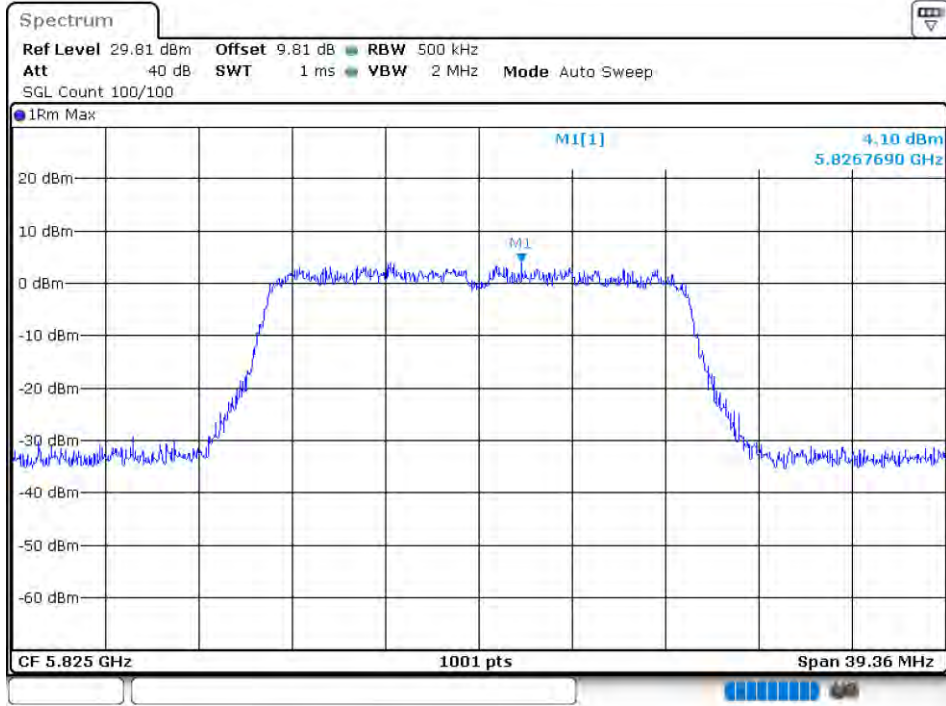
PSD NVNT 802.11n(HT20) 5785MHz Ant1



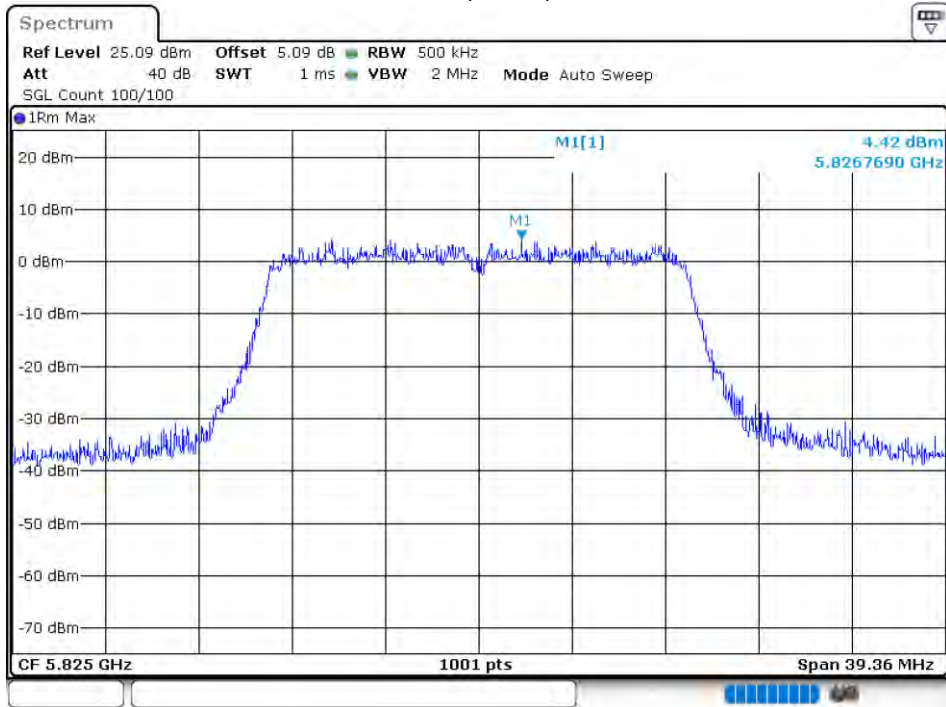
PSD NVNT 802.11n(HT20) 5785MHz Ant2



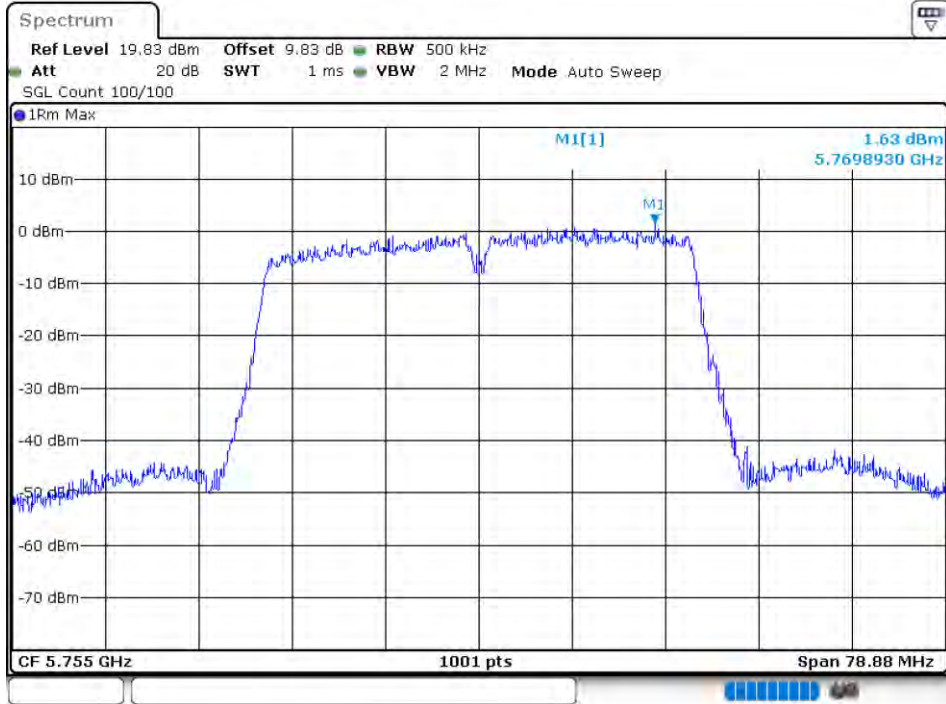
PSD NVNT 802.11n(HT20) 5825MHz Ant1



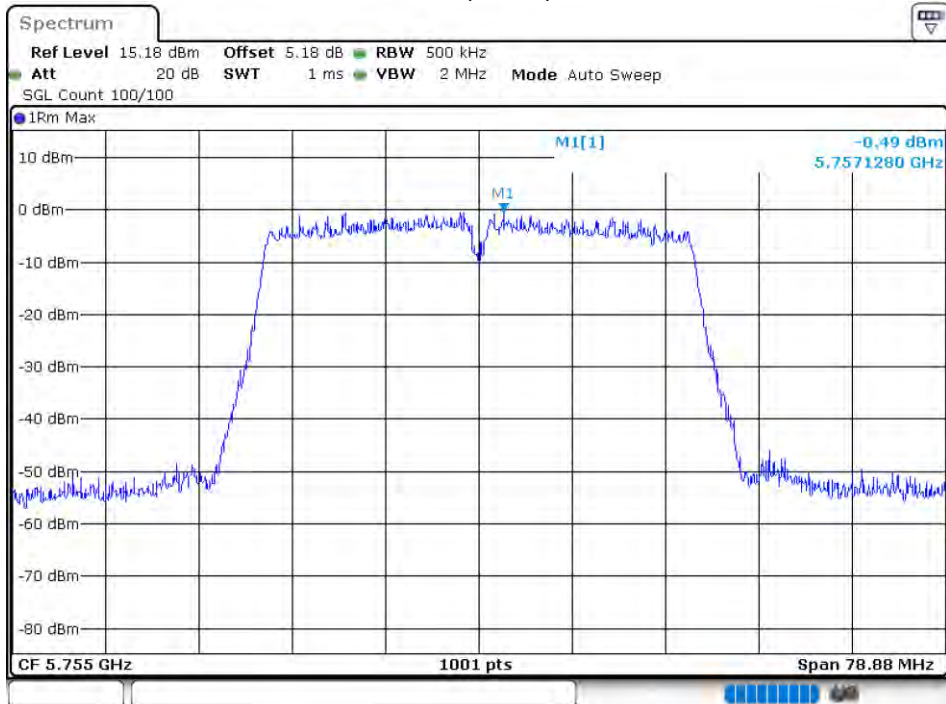
PSD NVNT 802.11n(HT20) 5825MHz Ant2



PSD NVNT 802.11n(HT40) 5755MHz Ant1

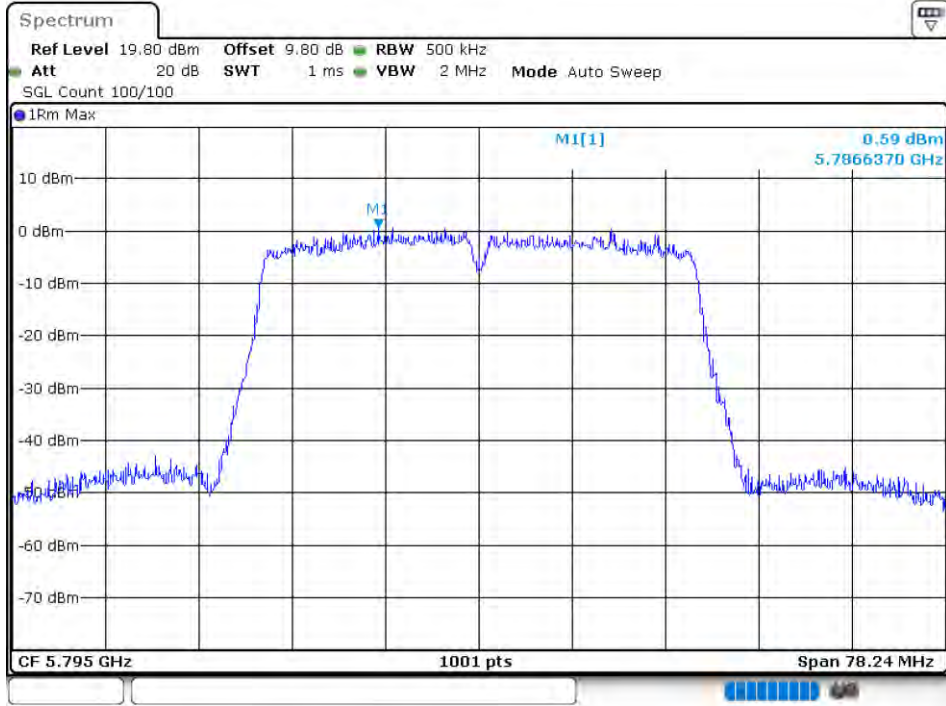


PSD NVNT 802.11n(HT40) 5755MHz Ant2

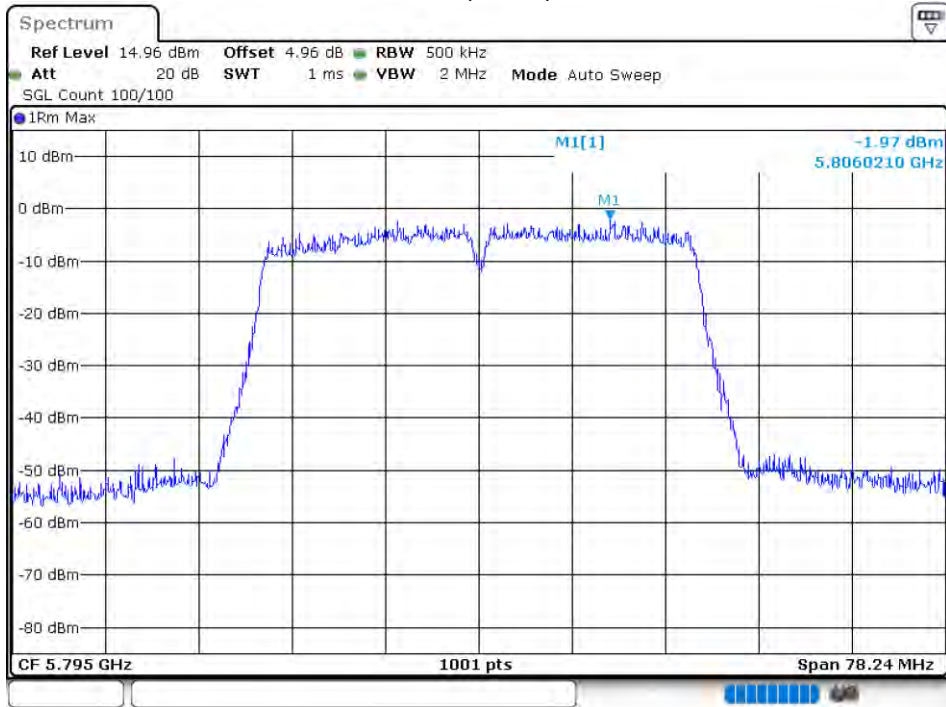




PSD NVNT 802.11n(HT40) 5795MHz Ant1



PSD NVNT 802.11n(HT40) 5795MHz Ant2



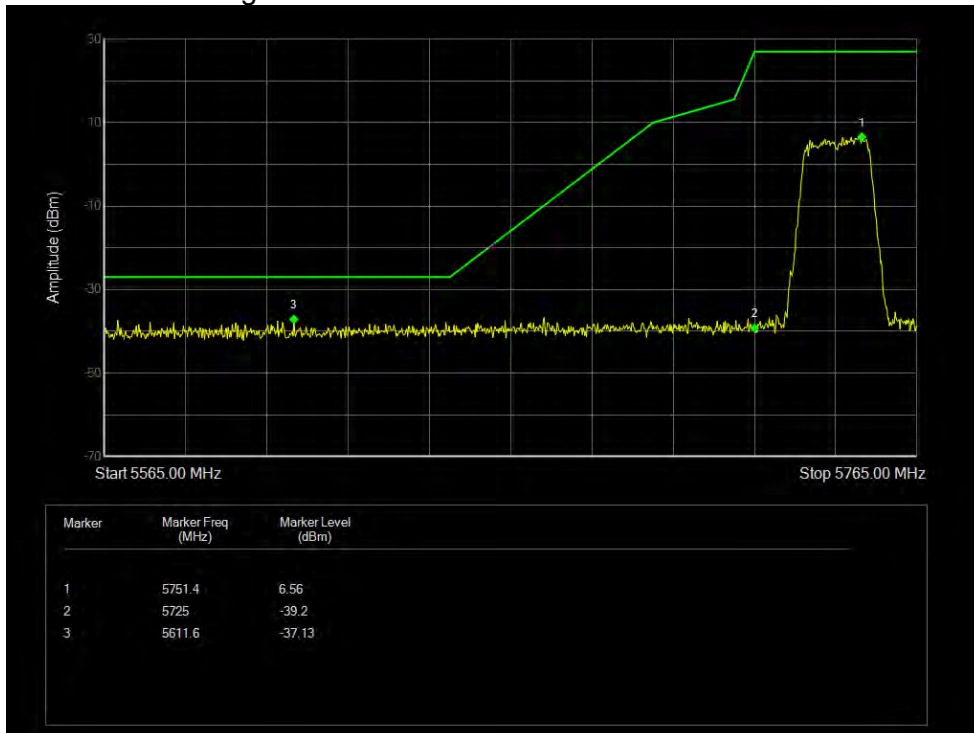
5.6BAND EDGE

Note: For MIMO mode: The test value of ANT 1 & ANT 2 both has attenuated more than 3dB below the limits, so the MIMO mode has pass the limit.

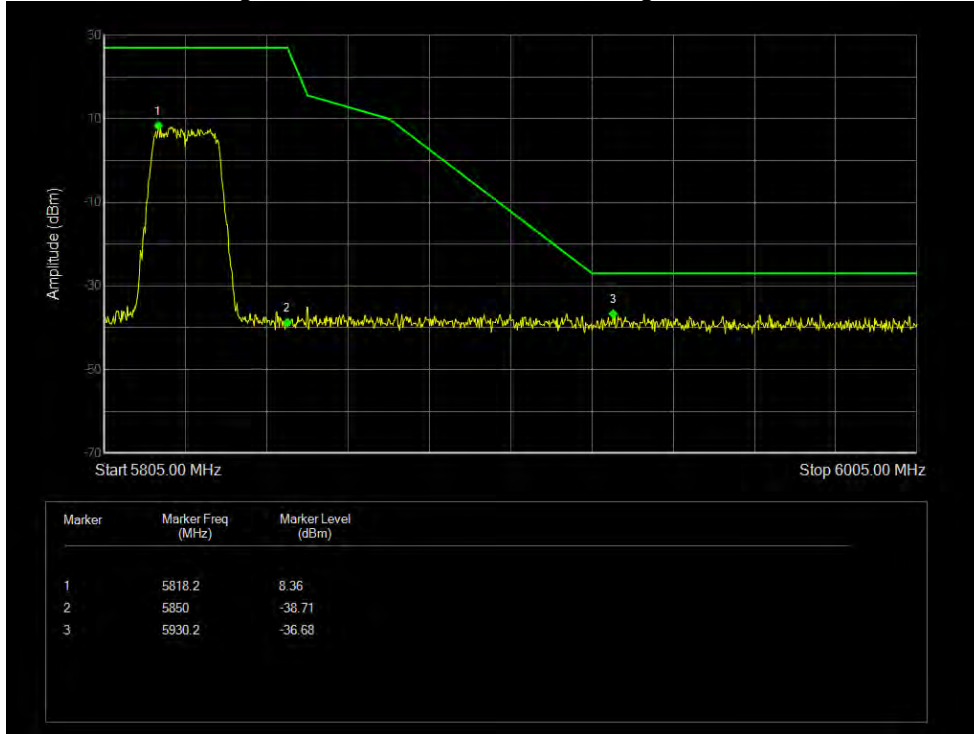
SISO

Condit ion	Mode	Frequency (MHz)	Antenn a	Worst Freq (MHz)	Worst Value (dBm)	Verdict
Ant 1	NVNT	802.11a	5745	5611.6	-37.13	Pass
Ant 1	NVNT	802.11a	5825	5930.2	-36.68	Pass
Ant 2	NVNT	802.11a	5745	5571.8	-37.4	Pass
Ant 2	NVNT	802.11a	5825	5967.6	-36.03	Pass
Ant 1	NVNT	802.11ac20	5745	5593	-37.53	Pass
Ant 1	NVNT	802.11ac20	5825	5976.4	-36.36	Pass
Ant 2	NVNT	802.11ac20	5745	5619.4	-37.67	Pass
Ant 2	NVNT	802.11ac20	5825	5940.8	-35.85	Pass
Ant 1	NVNT	802.11ac40	5755	5646	-37.43	Pass
Ant 1	NVNT	802.11ac40	5795	5939.6	-36.73	Pass
Ant 2	NVNT	802.11ac40	5755	5622.2	-37.58	Pass
Ant 2	NVNT	802.11ac40	5795	5930.4	-36.18	Pass
Ant 1	NVNT	802.11ac80	5775	5895	-37.04	Pass
Ant 1	NVNT	802.11ac80	5775	5655.8	-38.12	Pass
Ant 2	NVNT	802.11ac80	5775	5893.8	-36.72	Pass
Ant 2	NVNT	802.11ac80	5775	5655.6	-38.43	Pass
Ant 1	NVNT	802.11n(HT20)	5745	5587.8	-37.74	Pass
Ant 1	NVNT	802.11n(HT20)	5825	5934	-36.04	Pass
Ant 2	NVNT	802.11n(HT20)	5745	5639.8	-35.92	Pass
Ant 2	NVNT	802.11n(HT20)	5825	5959.2	-36.81	Pass
Ant 1	NVNT	802.11n(HT40)	5755	5649.4	-37.8	Pass
Ant 1	NVNT	802.11n(HT40)	5795	5952.2	-36.82	Pass
Ant 2	NVNT	802.11n(HT40)	5755	5649	-37.39	Pass
Ant 2	NVNT	802.11n(HT40)	5795	5937.6	-36.03	Pass

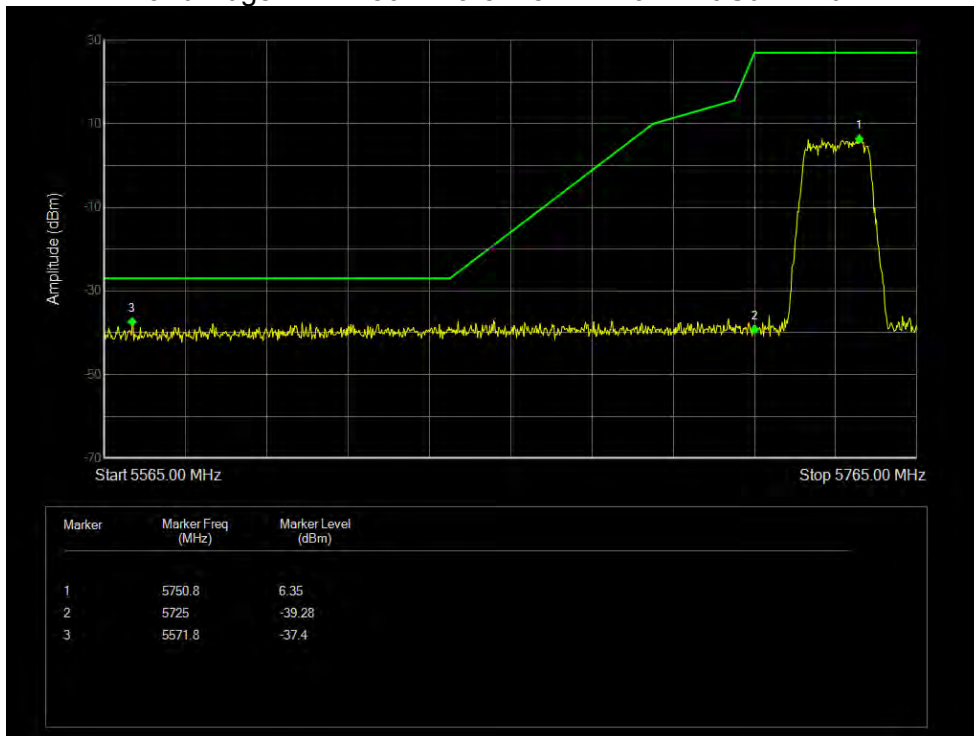
Band Edge NVNT 802.11a 5745MHz Low Ant Sum Ant 1



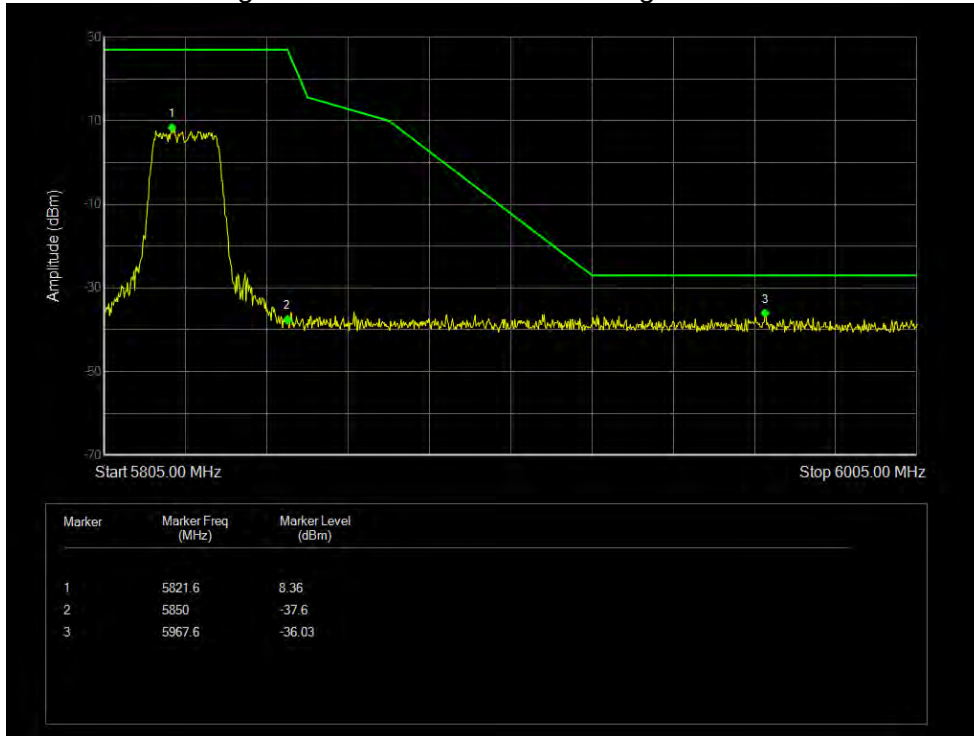
Band Edge NVNT 802.11a 5825MHz High Ant Sum Ant 1



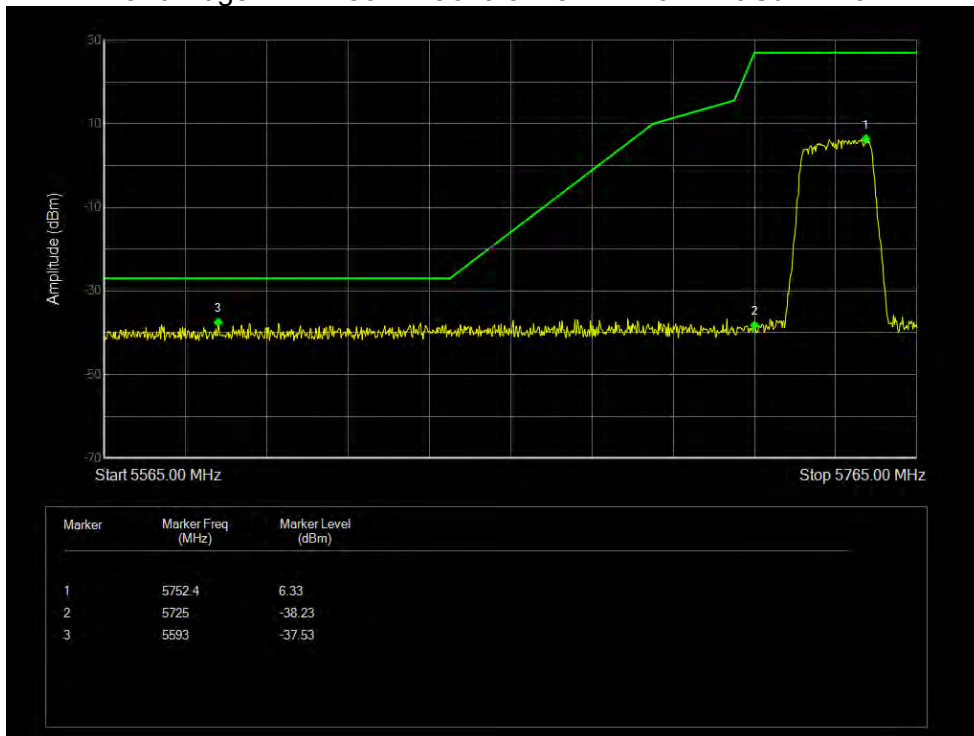
Band Edge NVNT 802.11a 5745MHz Low Ant Sum Ant 2



Band Edge NVNT 802.11a 5825MHz High Ant Sum Ant 2

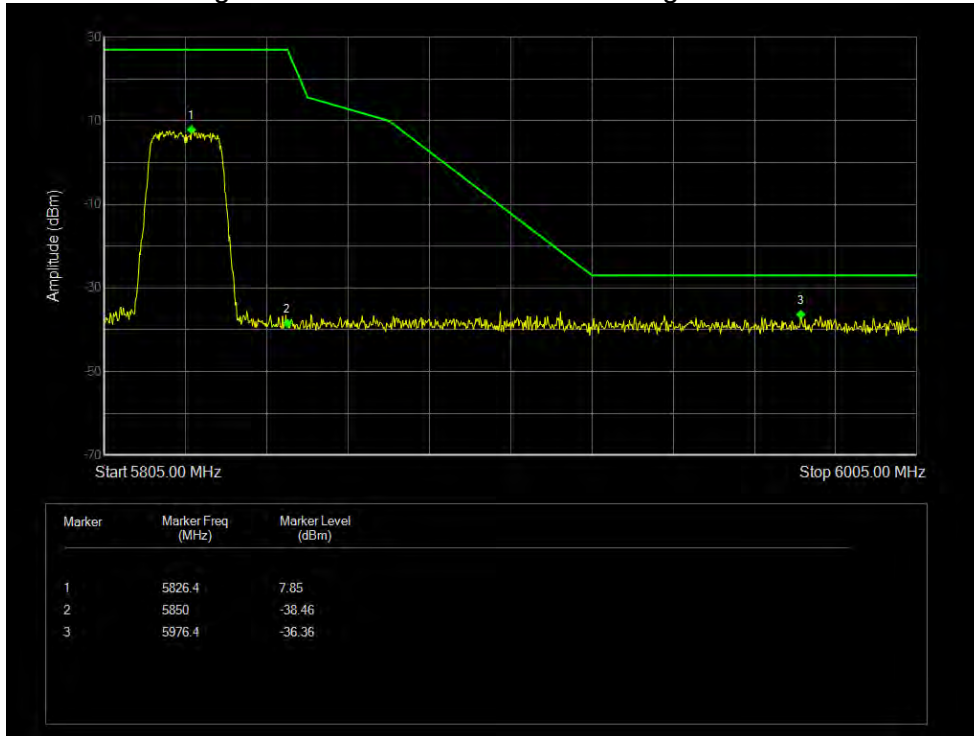


Band Edge NVNT 802.11ac20 5745MHz Low Ant Sum Ant 1

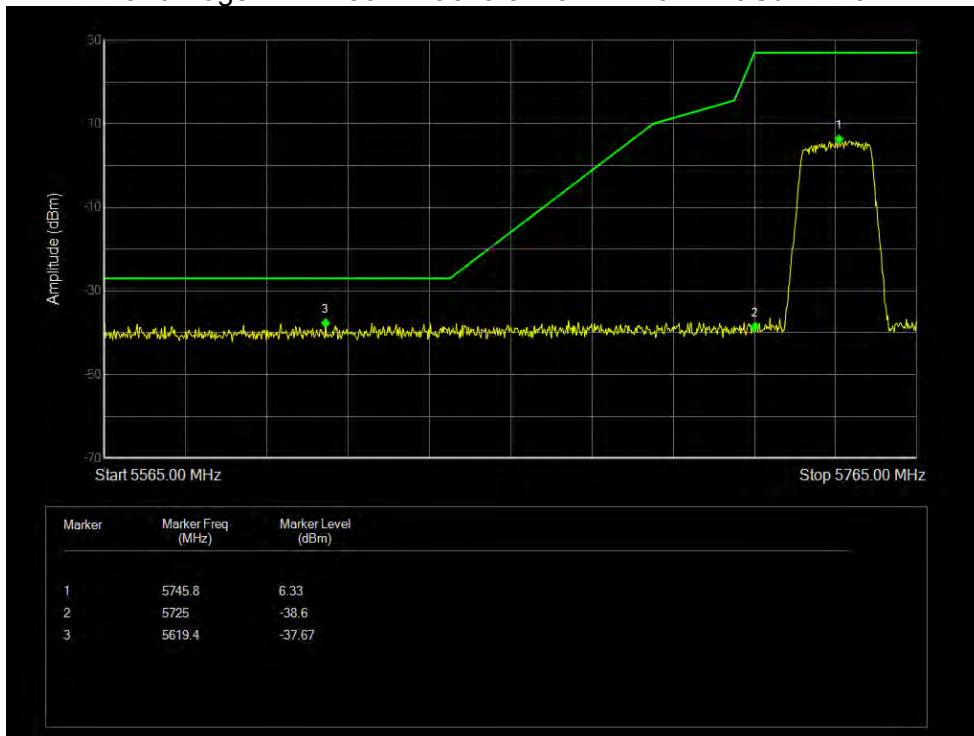




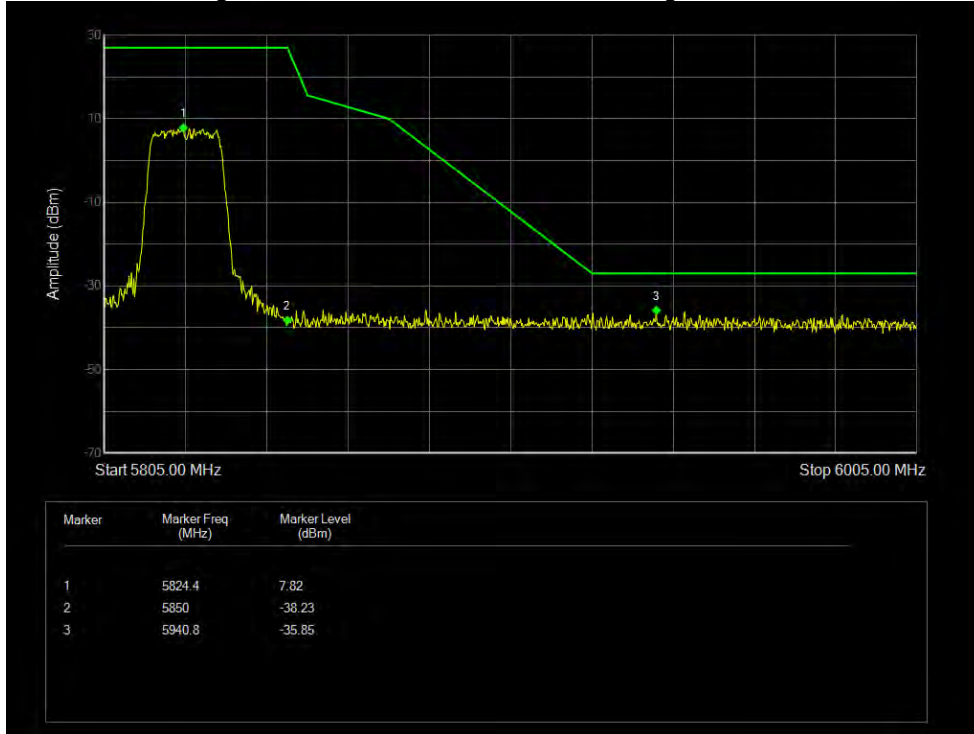
Band Edge NVNT 802.11ac20 5825MHz High Ant Sum Ant 1



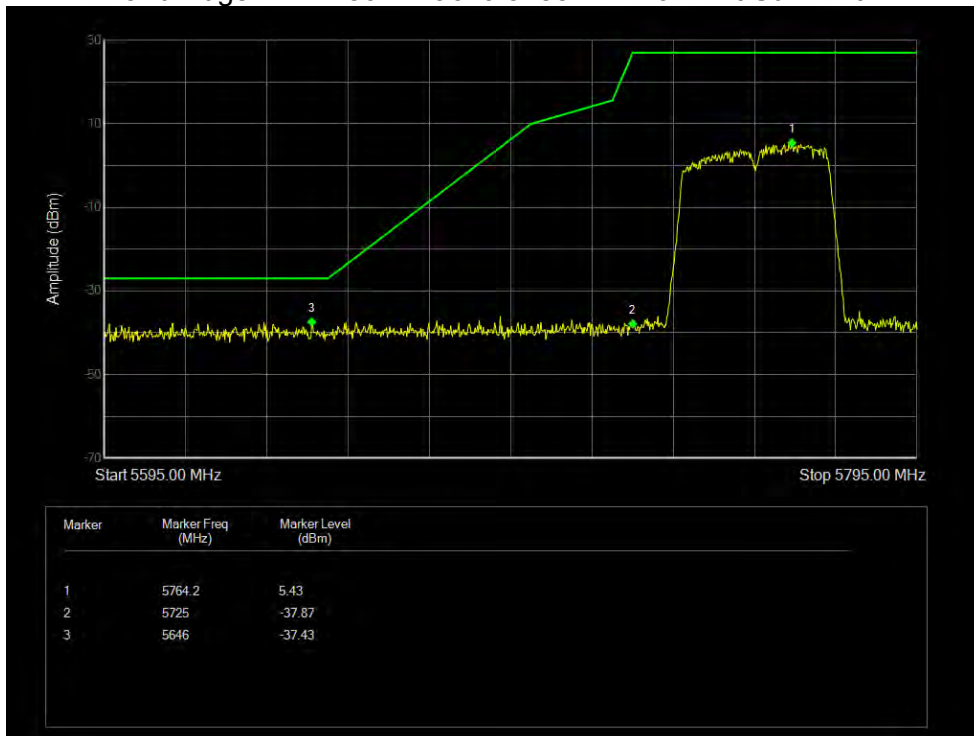
Band Edge NVNT 802.11ac20 5745MHz Low Ant Sum Ant 2



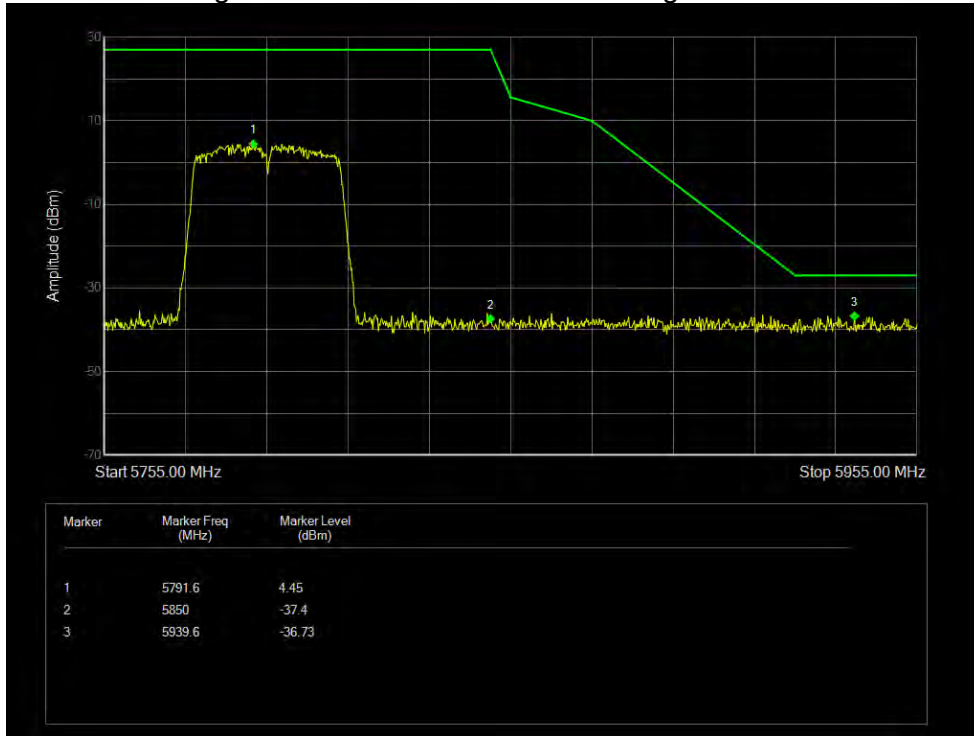
Band Edge NVNT 802.11ac20 5825MHz High Ant Sum Ant 2



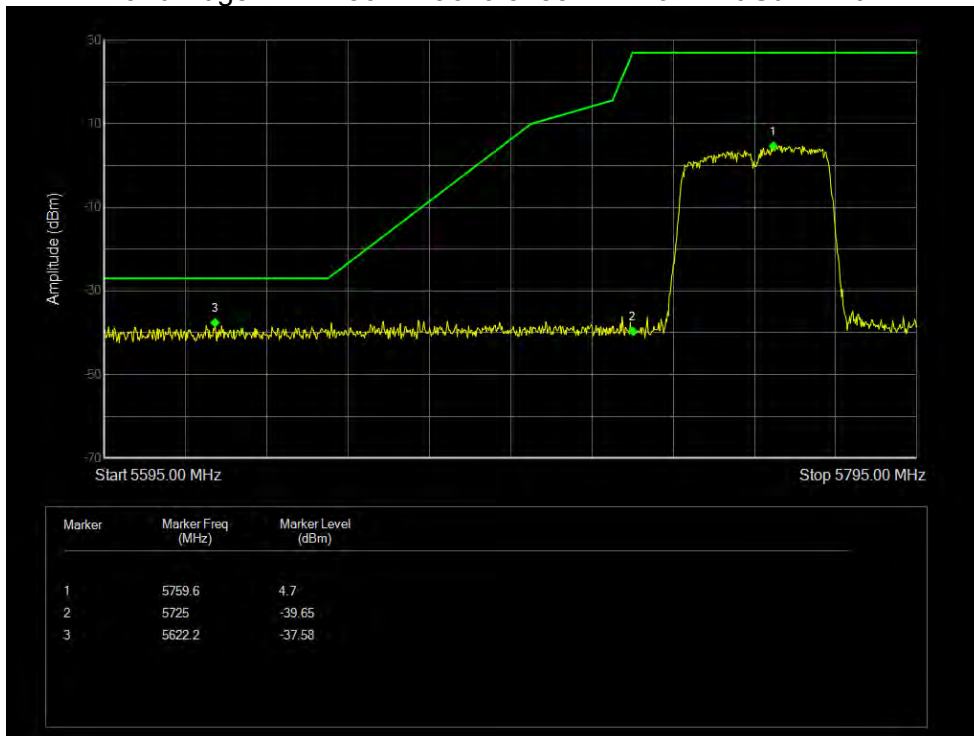
Band Edge NVNT 802.11ac40 5755MHz Low Ant Sum Ant 1



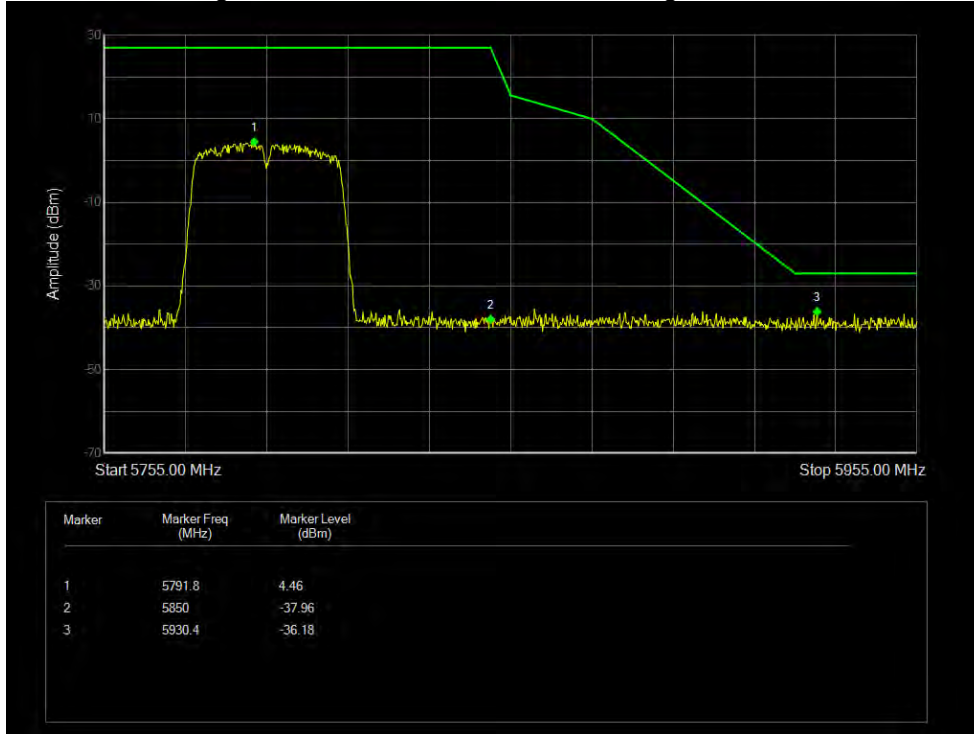
Band Edge NVNT 802.11ac40 5795MHz High Ant Sum Ant 1



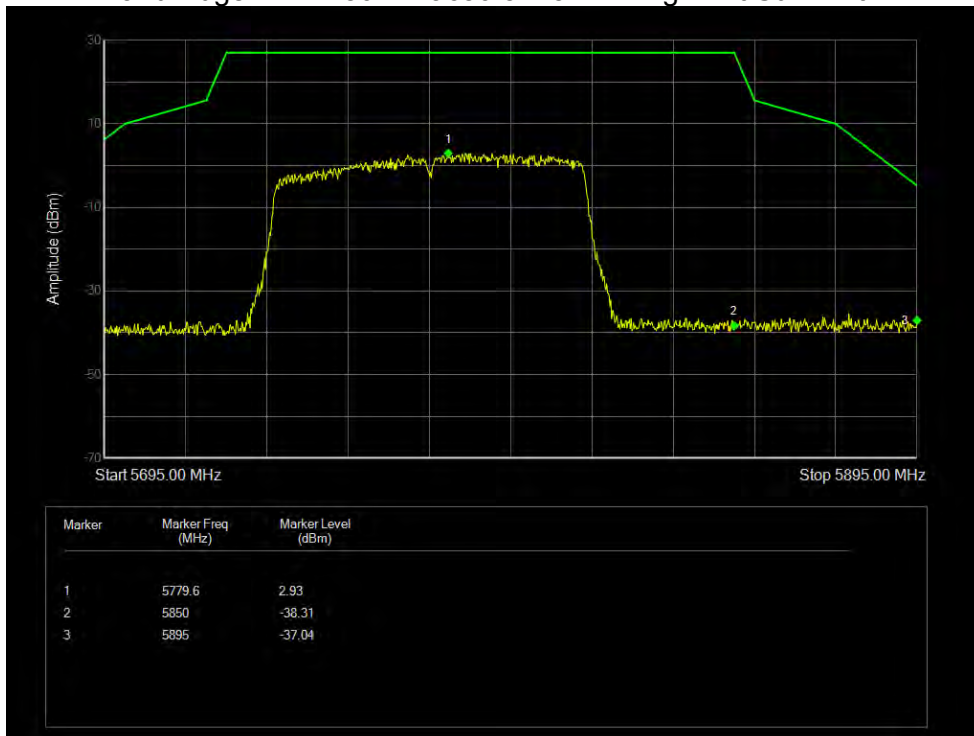
Band Edge NVNT 802.11ac40 5755MHz Low Ant Sum Ant 2



Band Edge NVNT 802.11ac40 5795MHz High Ant Sum Ant 2

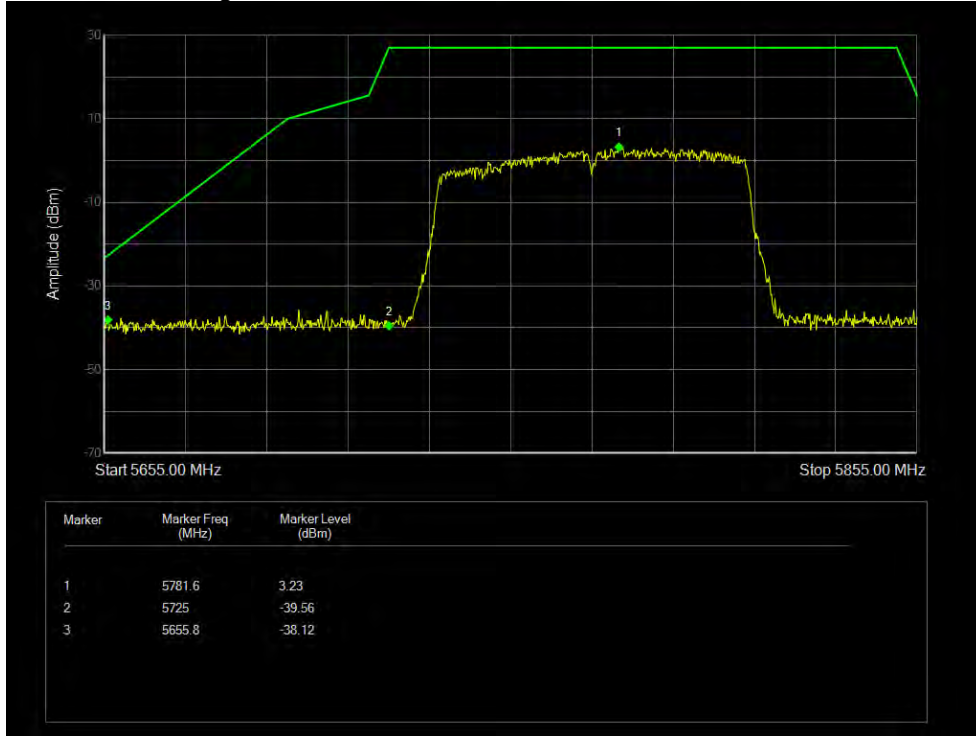


Band Edge NVNT 802.11ac80 5775MHz High Ant Sum Ant 1

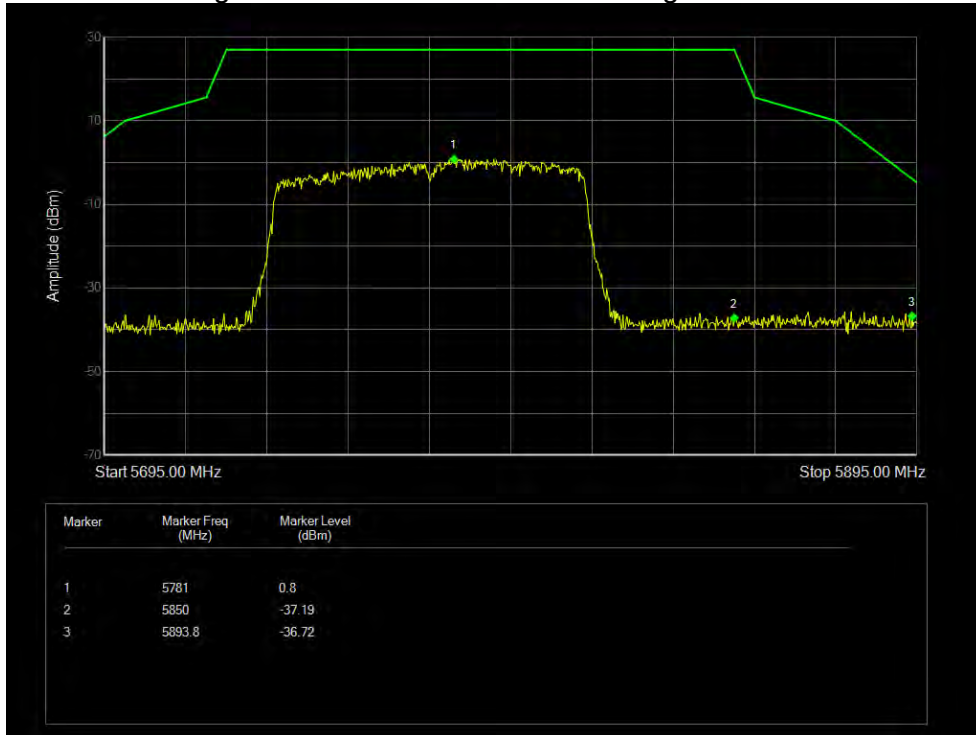




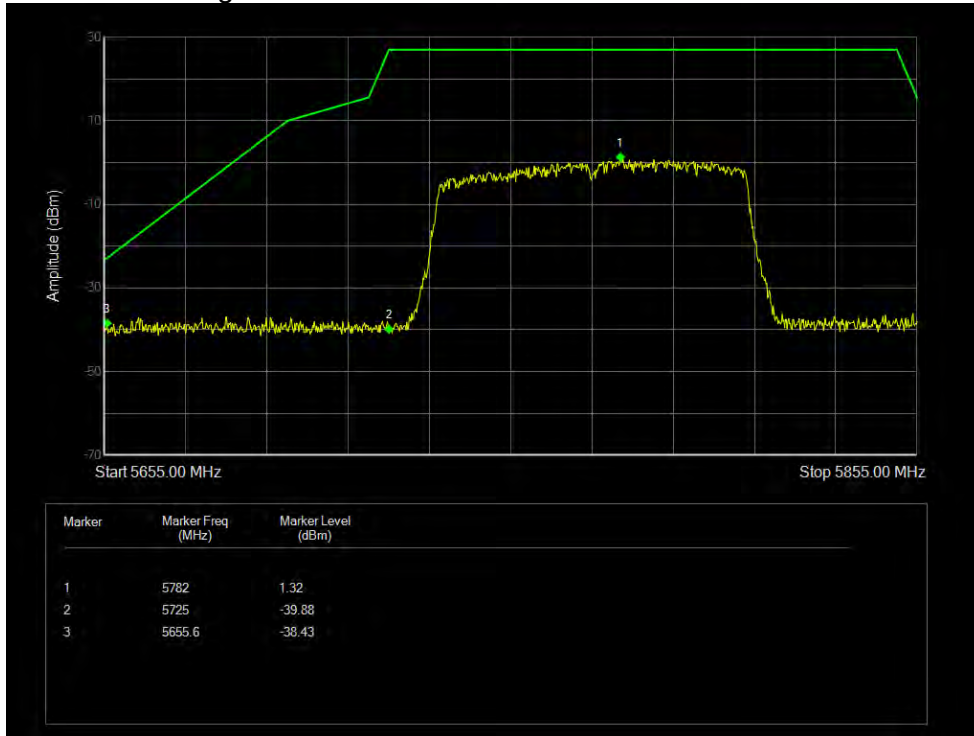
Band Edge NVNT 802.11ac80 5775MHz Low Ant Sum Ant 1



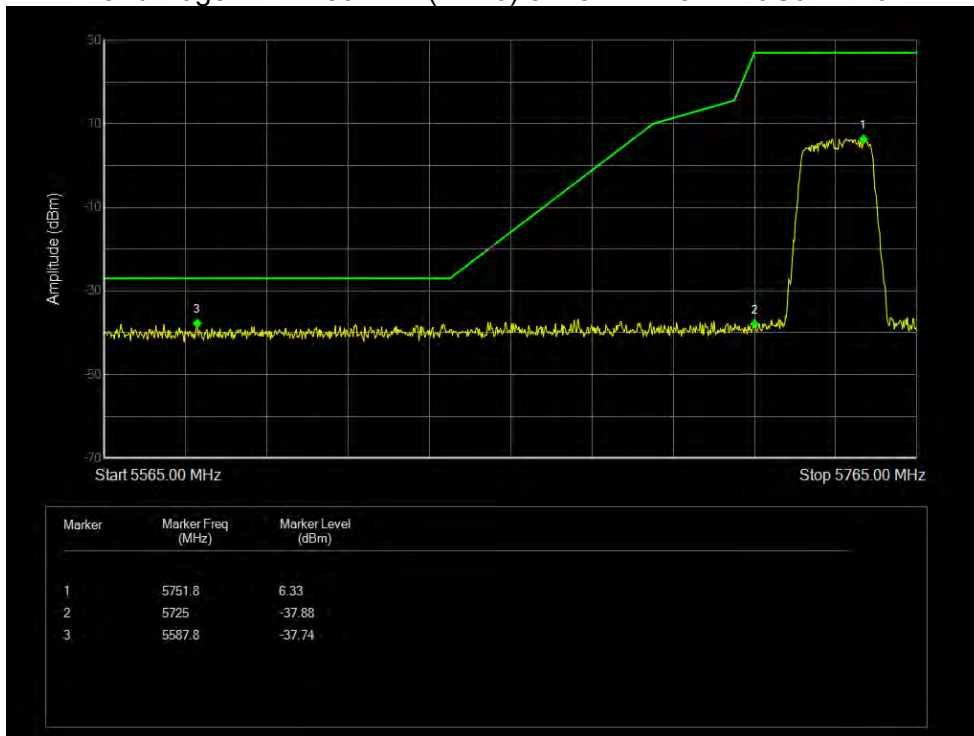
Band Edge NVNT 802.11ac80 5775MHz High Ant Sum Ant 2



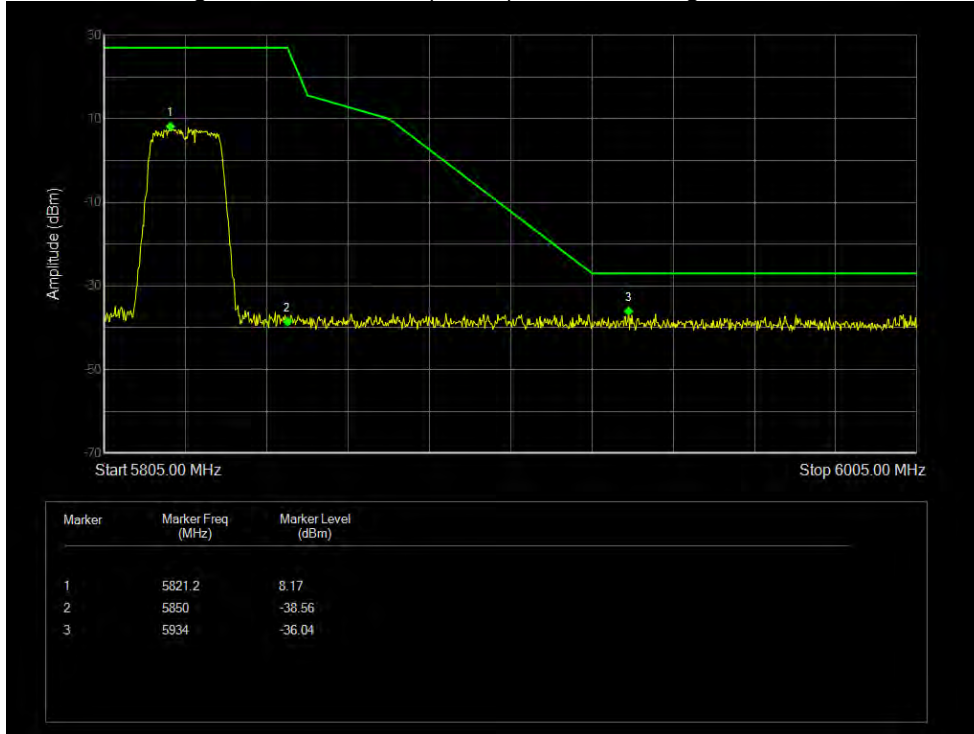
Band Edge NVNT 802.11ac80 5775MHz Low Ant Sum Ant 2



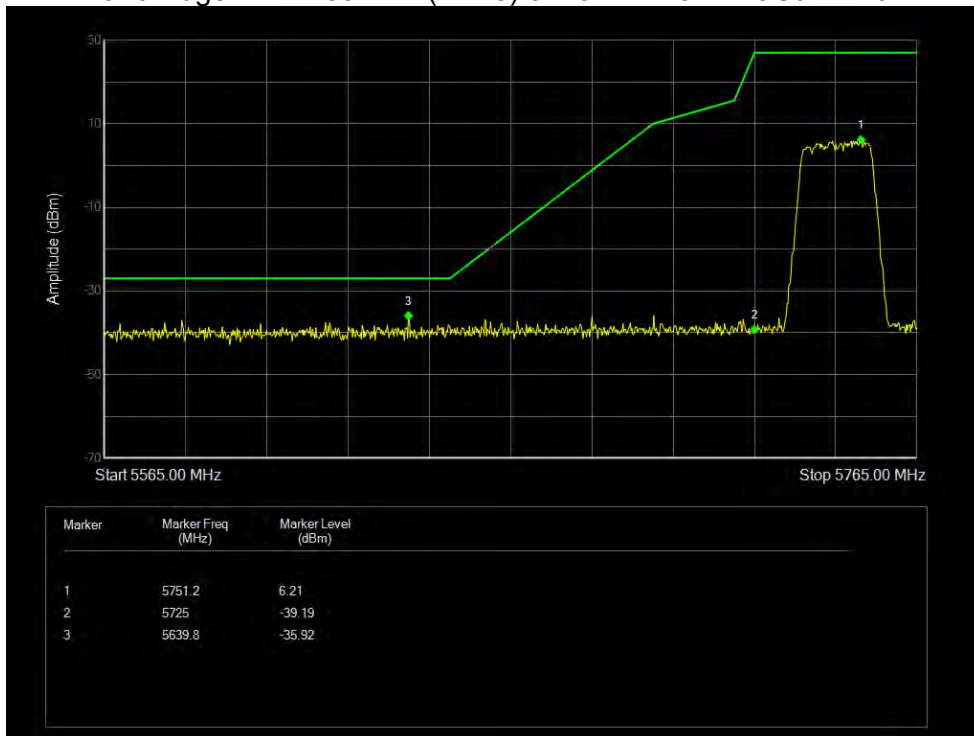
Band Edge NVNT 802.11n(HT20) 5745MHz Low Ant Sum Ant 1



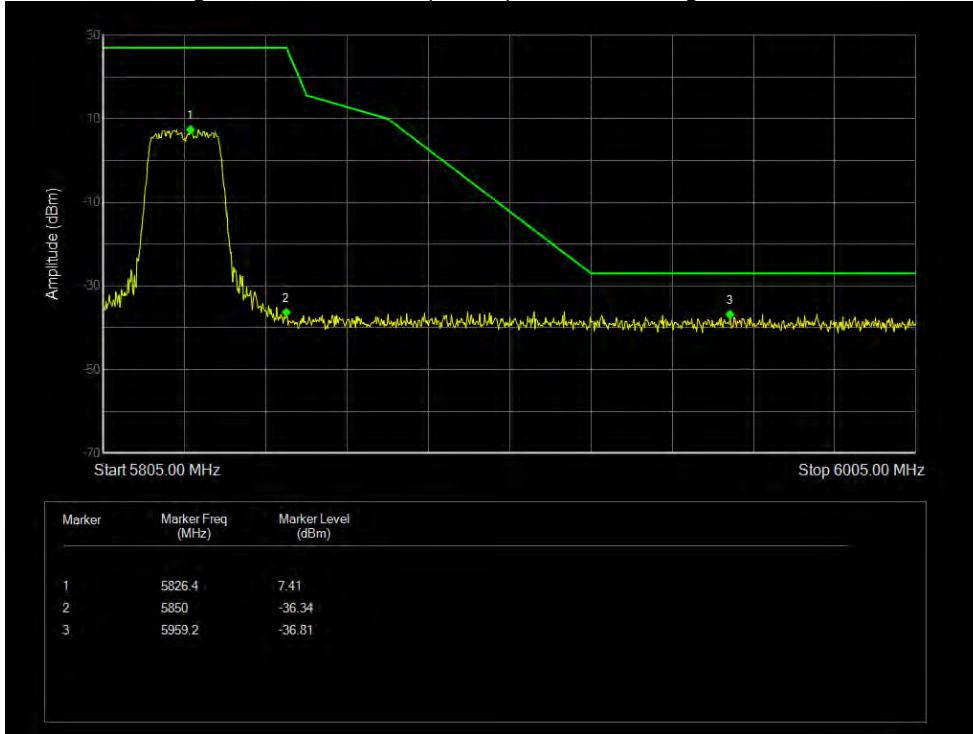
Band Edge NVNT 802.11n(HT20) 5825MHz High Ant Sum Ant 1



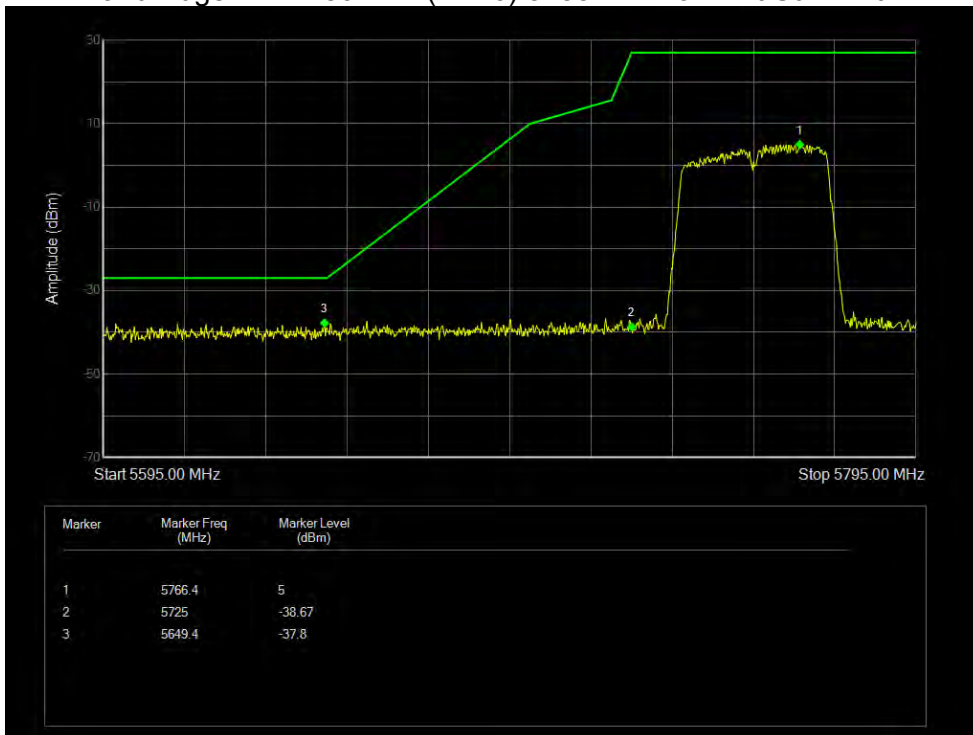
Band Edge NVNT 802.11n(HT20) 5745MHz Low Ant Sum Ant 2



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

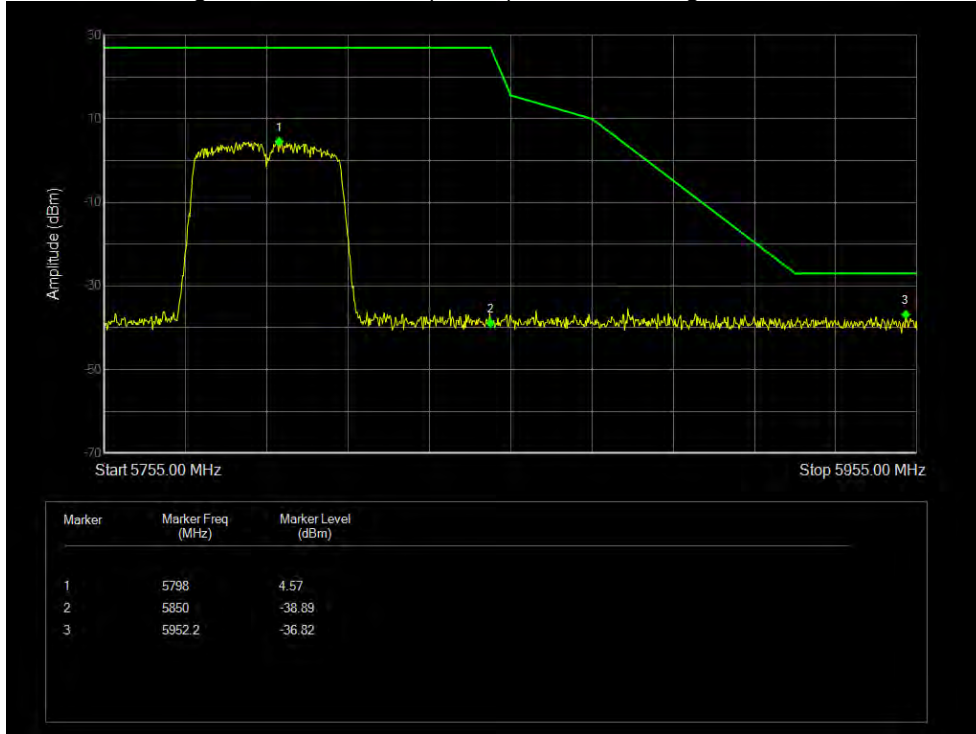


Band Edge NVNT 802.11n(HT40) 5755MHz Low Ant Sum Ant 1

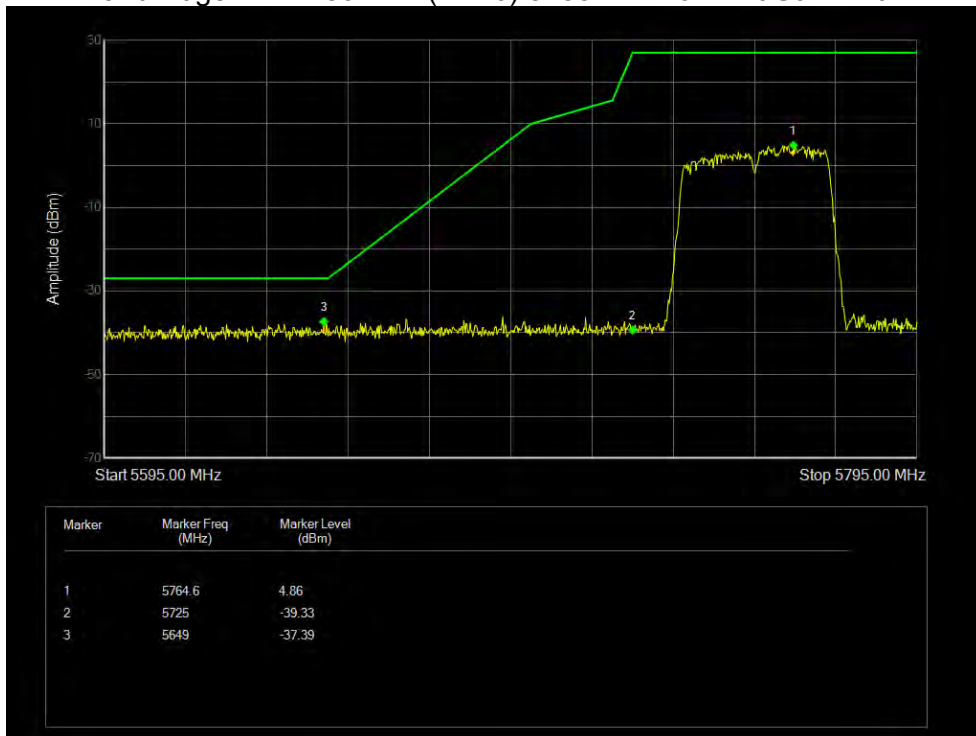




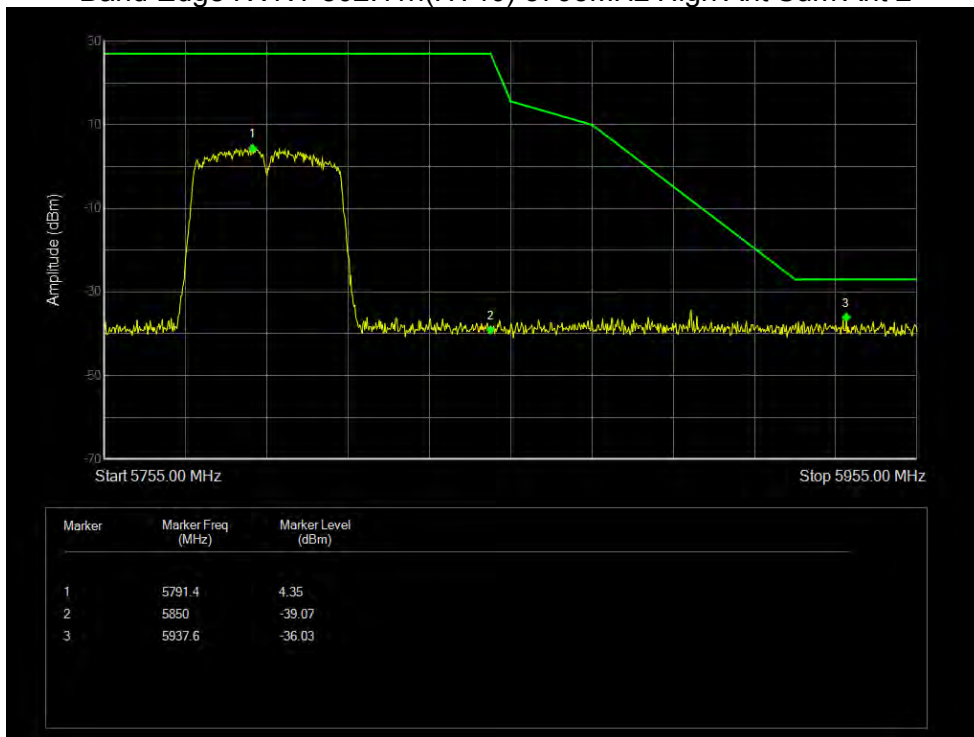
Band Edge NVNT 802.11n(HT40) 5795MHz High Ant Sum Ant 1



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



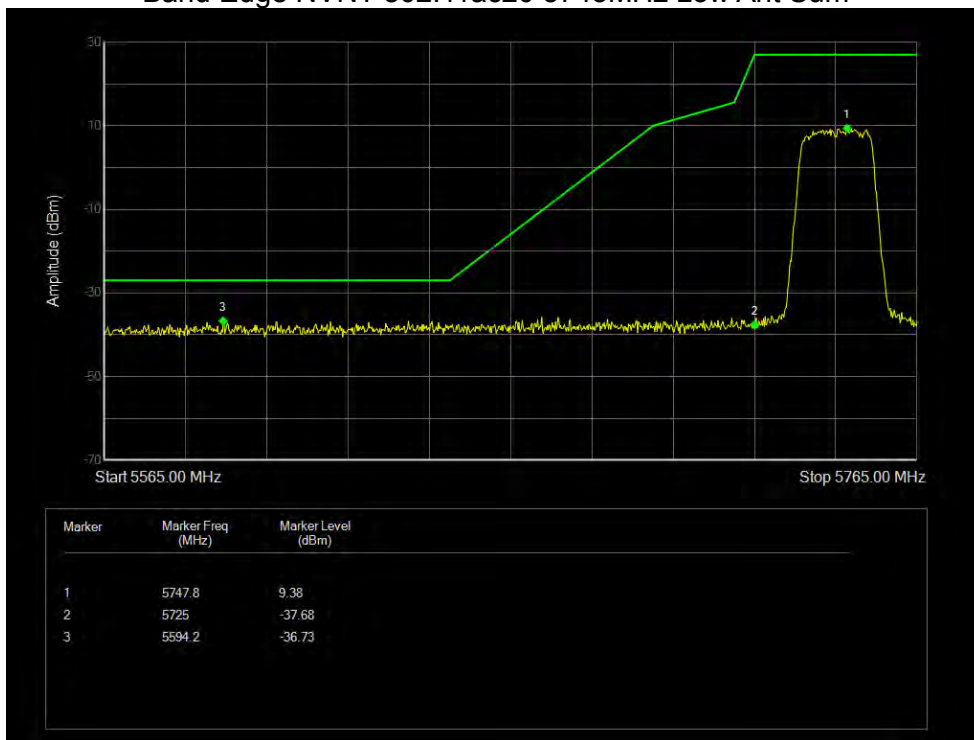
Band Edge NVNT 802.11n(HT40) 5795MHz High Ant Sum Ant 2



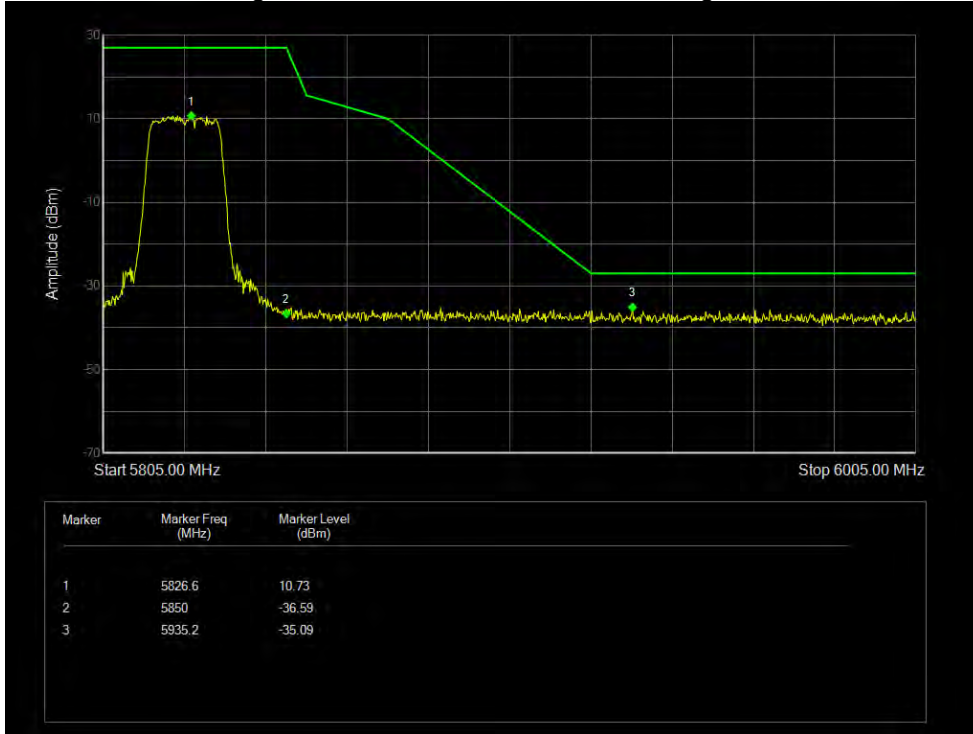
MIMO

Condition	Mode	Frequency (MHz)	Antenna	Worst Freq (MHz)	Worst Value (dBm)	Limit (dBm)	Verdict
NVNT	802.11ac20	5745	Ant Sum	5594.2	-36.73	-27	Pass
NVNT	802.11ac20	5825	Ant Sum	5935.2	-35.09	-27	Pass
NVNT	802.11ac40	5755	Ant Sum	5608.8	-36.41	-27	Pass
NVNT	802.11ac40	5795	Ant Sum	5929.6	-35.92	-27	Pass
NVNT	802.11ac80	5775	Ant Sum	5894.2	-36.26	-4.2	Pass
NVNT	802.11ac80	5775	Ant Sum	5655.6	-36.32	-22.85	Pass
NVNT	802.11n(HT20)	5745	Ant Sum	5618.6	-36.88	-27	Pass
NVNT	802.11n(HT20)	5825	Ant Sum	5941.6	-35.04	-27	Pass
NVNT	802.11n(HT40)	5755	Ant Sum	5603.6	-36.87	-27	Pass
NVNT	802.11n(HT40)	5795	Ant Sum	5943.8	-35.66	-27	Pass

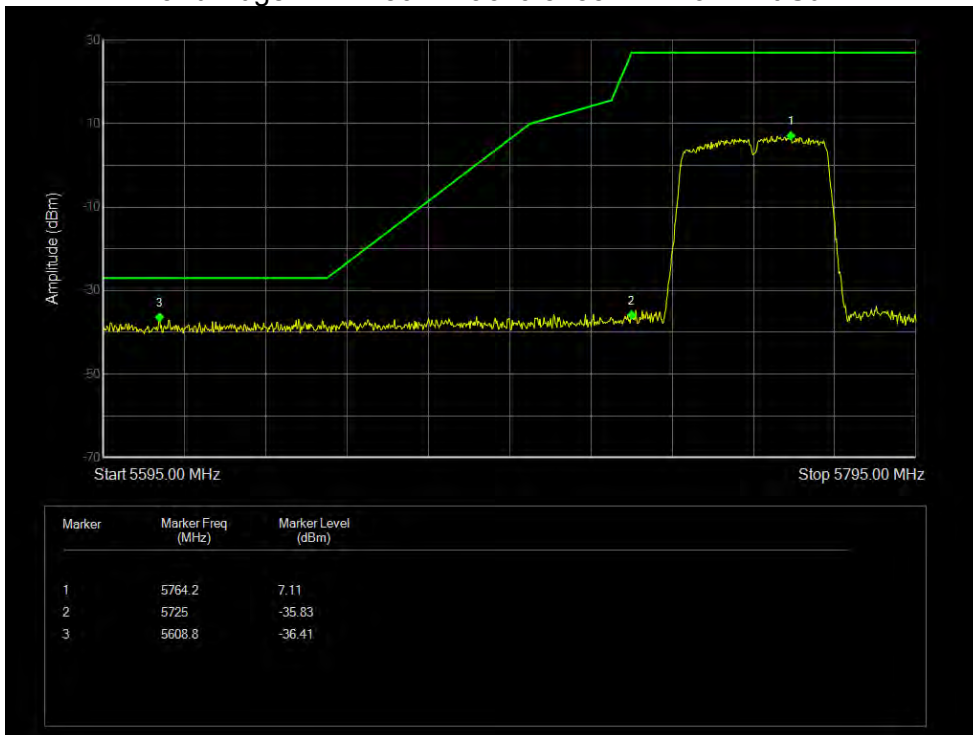
Band Edge NVNT 802.11ac20 5745MHz Low Ant Sum



Band Edge NVNT 802.11ac20 5825MHz High Ant Sum

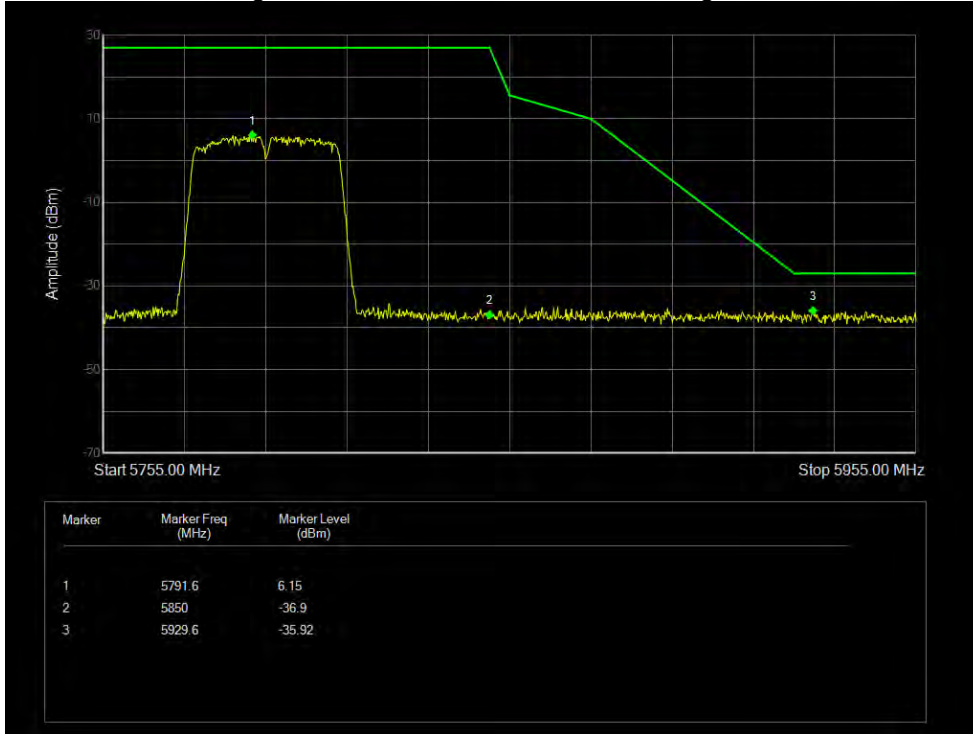


Band Edge NVNT 802.11ac40 5755MHz Low Ant Sum

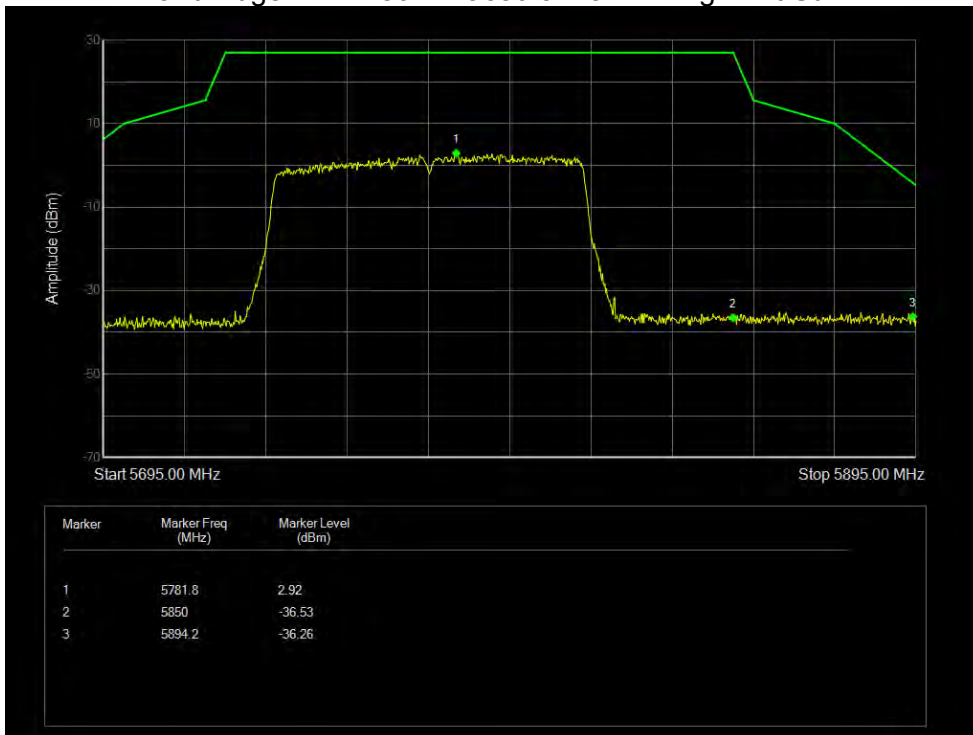




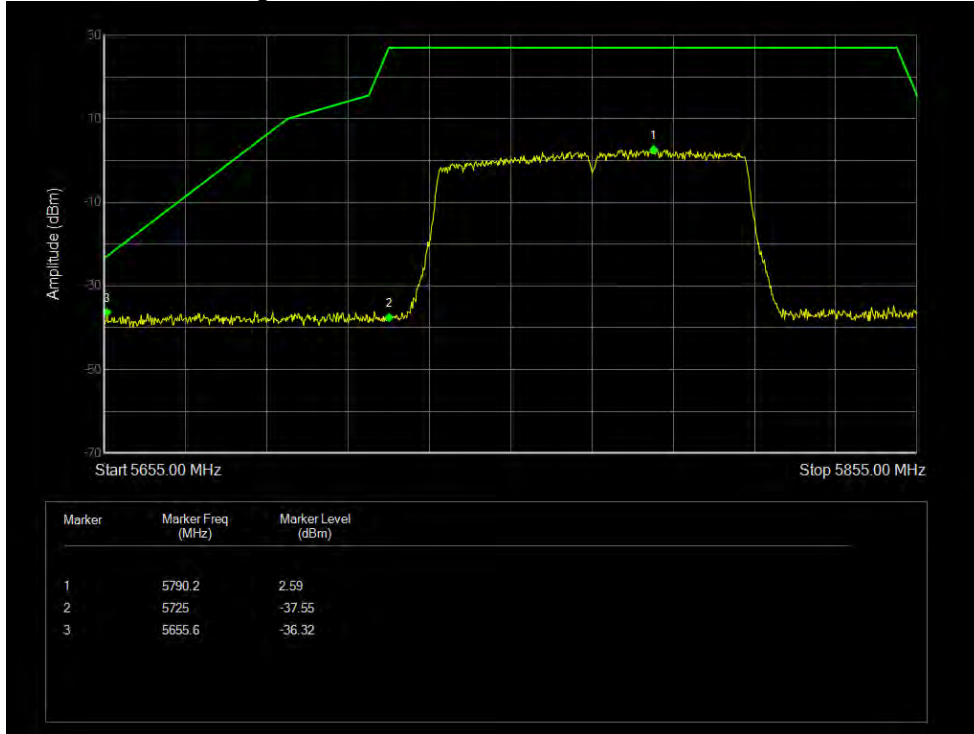
Band Edge NVNT 802.11ac40 5795MHz High Ant Sum



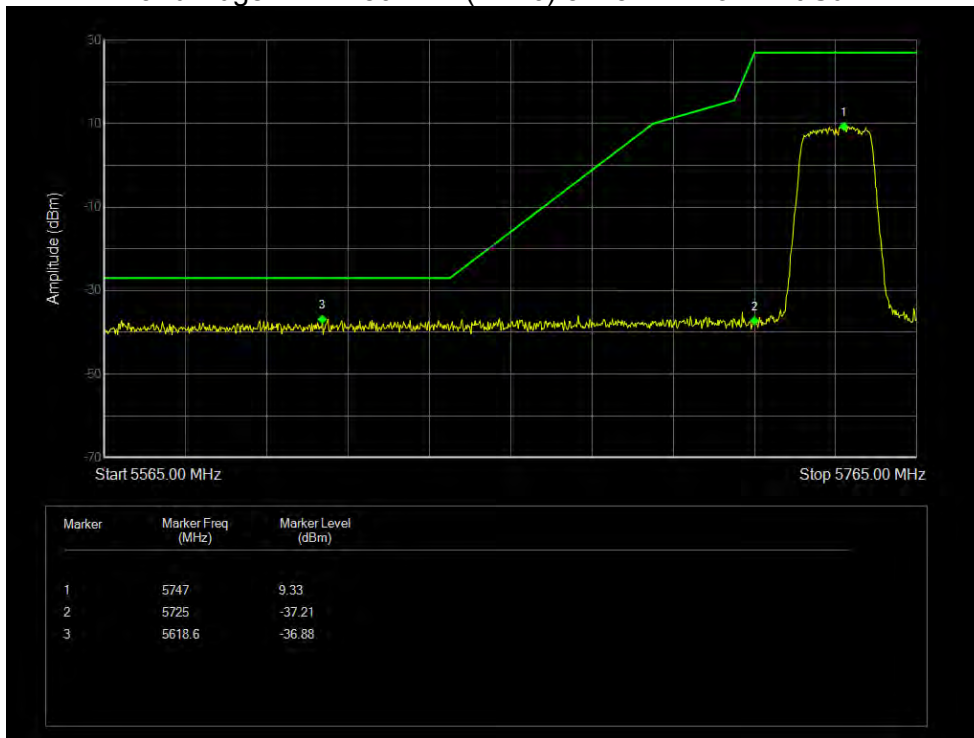
Band Edge NVNT 802.11ac80 5775MHz High Ant Sum



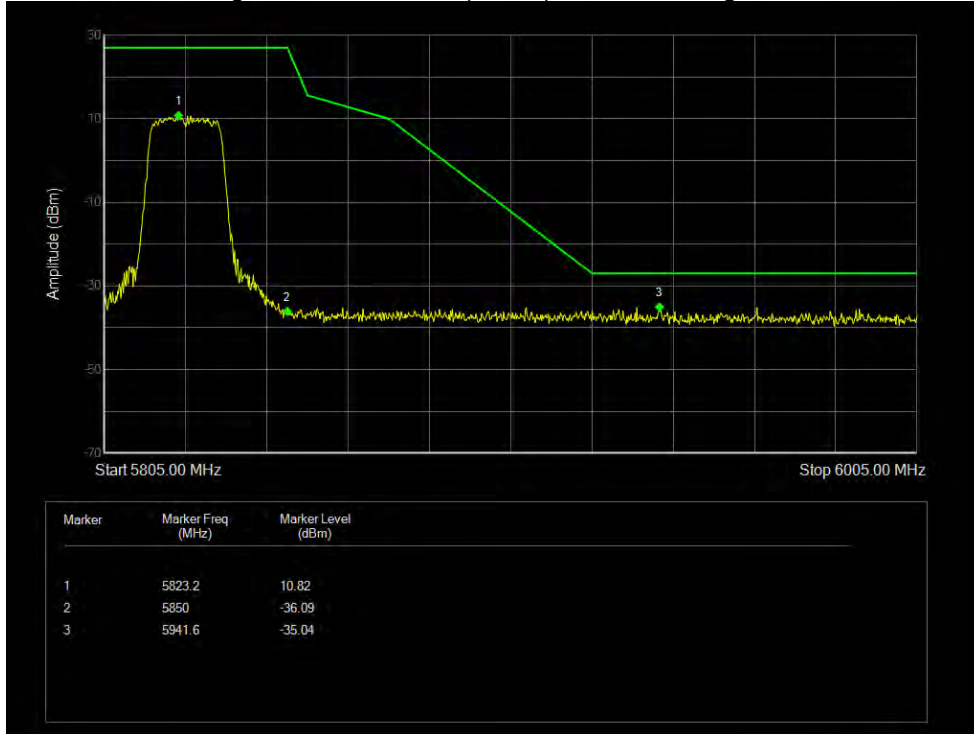
Band Edge NVNT 802.11ac80 5775MHz Low Ant Sum



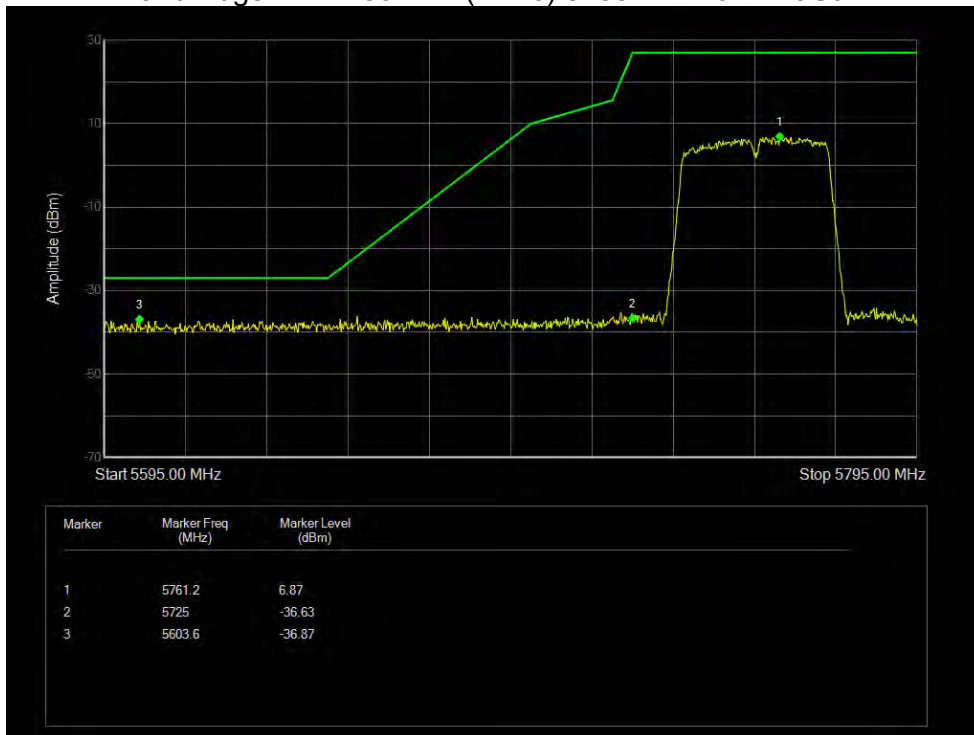
Band Edge NVNT 802.11n(HT20) 5745MHz Low Ant Sum



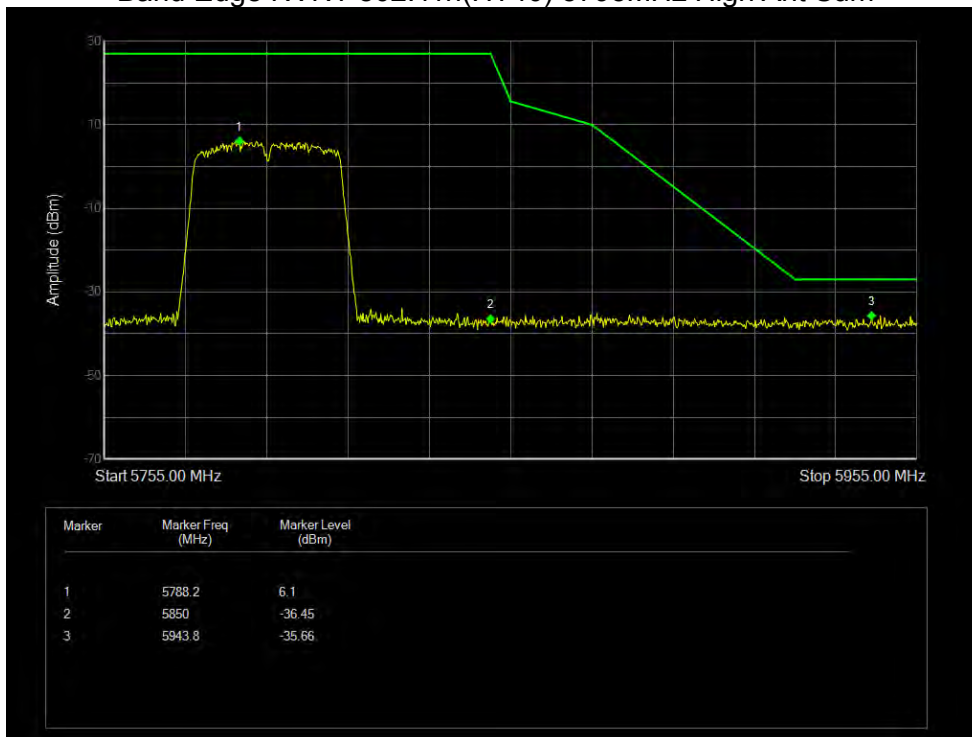
Band Edge NVNT 802.11n(HT20) 5825MHz High Ant Sum



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



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





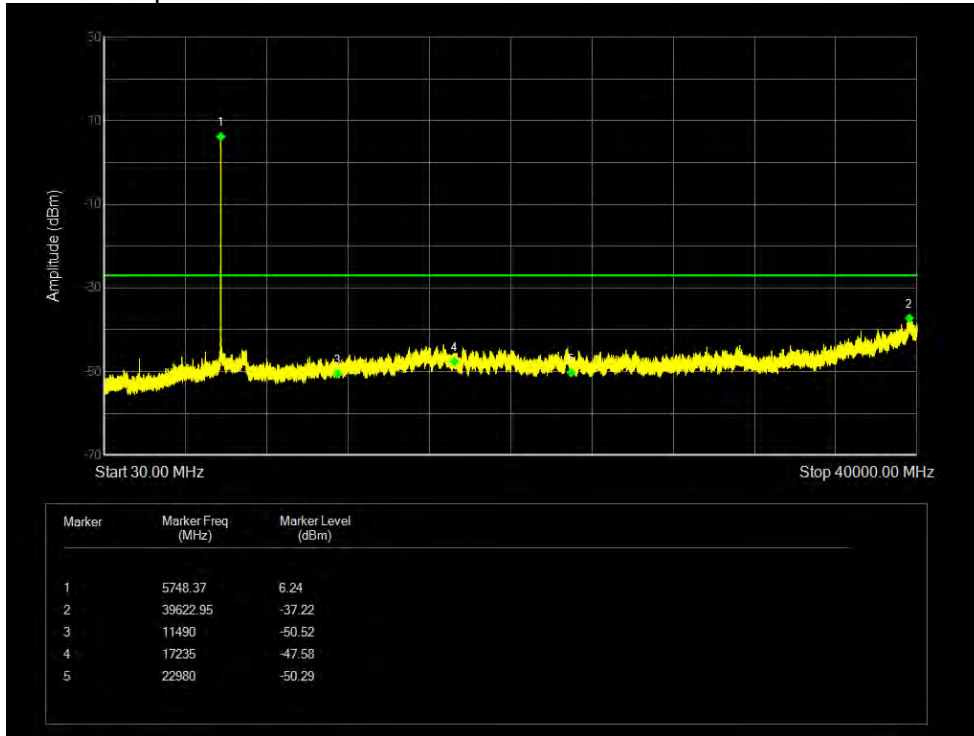
5.7 CONDUCTED RF SPURIOUS EMISSION

Note: For MIMO mode: The test value of ANT 1 & ANT 2 both has attenuated more than 3dB below the limits, so the MIMO mode has pass the limit.

SISO

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
Ant 1	NVNT	802.11a	5745	Ant Sum	-37.22	-27
Ant 1	NVNT	802.11a	5785	Ant Sum	-37.44	-27
Ant 1	NVNT	802.11a	5825	Ant Sum	-37.8	-27
Ant 2	NVNT	802.11a	5745	Ant Sum	-35.97	-27
Ant 2	NVNT	802.11a	5785	Ant Sum	-37.01	-27
Ant 2	NVNT	802.11a	5825	Ant Sum	-37.66	-27
Ant 1	NVNT	802.11ac20	5745	Ant Sum	-37.45	-27
Ant 1	NVNT	802.11ac20	5785	Ant Sum	-36.44	-27
Ant 1	NVNT	802.11ac20	5825	Ant Sum	-37.57	-27
Ant 2	NVNT	802.11ac20	5745	Ant Sum	-37.42	-27
Ant 2	NVNT	802.11ac20	5785	Ant Sum	-36.95	-27
Ant 2	NVNT	802.11ac20	5825	Ant Sum	-37.51	-27
Ant 1	NVNT	802.11ac40	5755	Ant Sum	-37.31	-27
Ant 1	NVNT	802.11ac40	5795	Ant Sum	-37.77	-27
Ant 2	NVNT	802.11ac40	5755	Ant Sum	-38.24	-27
Ant 2	NVNT	802.11ac40	5795	Ant Sum	-37.2	-27
Ant 1	NVNT	802.11ac80	5775	Ant Sum	-38.16	-27
Ant 2	NVNT	802.11ac80	5775	Ant Sum	-37.09	-27
Ant 1	NVNT	802.11n(HT20)	5745	Ant Sum	-37.72	-27
Ant 1	NVNT	802.11n(HT20)	5785	Ant Sum	-36.87	-27
Ant 1	NVNT	802.11n(HT20)	5825	Ant Sum	-36.97	-27
Ant 2	NVNT	802.11n(HT20)	5745	Ant Sum	-37.02	-27
Ant 2	NVNT	802.11n(HT20)	5785	Ant Sum	-37.55	-27
Ant 2	NVNT	802.11n(HT20)	5825	Ant Sum	-36.91	-27
Ant 1	NVNT	802.11n(HT40)	5755	Ant Sum	-37.85	-27
Ant 1	NVNT	802.11n(HT40)	5795	Ant Sum	-38.24	-27
Ant 2	NVNT	802.11n(HT40)	5755	Ant Sum	-38.15	-27
Ant 2	NVNT	802.11n(HT40)	5795	Ant Sum	-36.19	-27

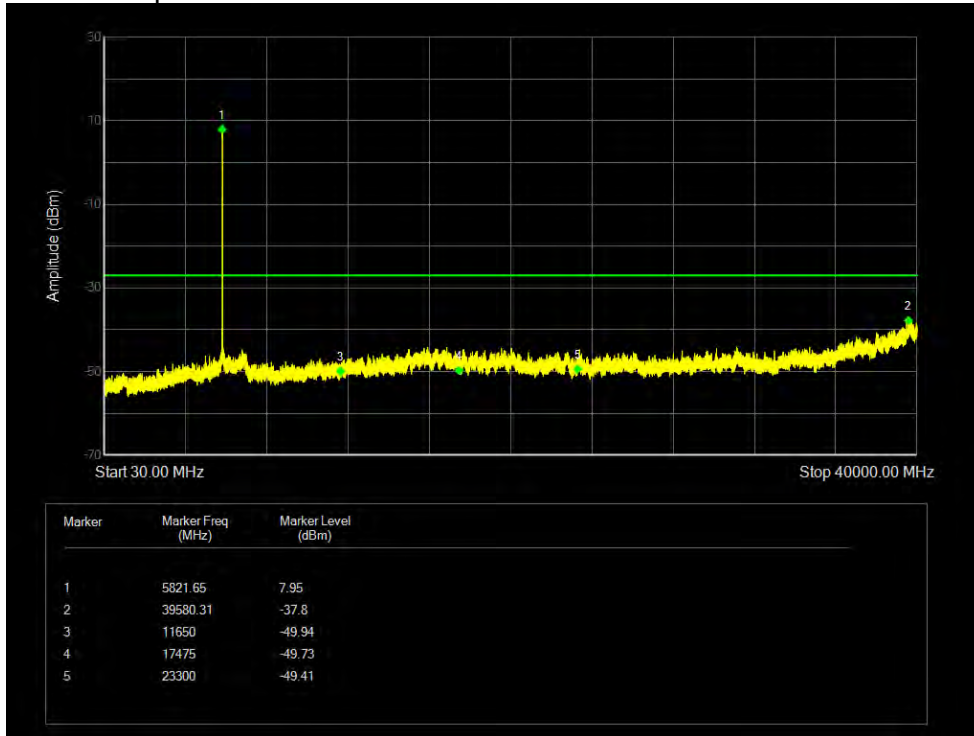
Tx. Spurious NVNT 802.11a 5745MHz Ant Sum Emission Ant 1



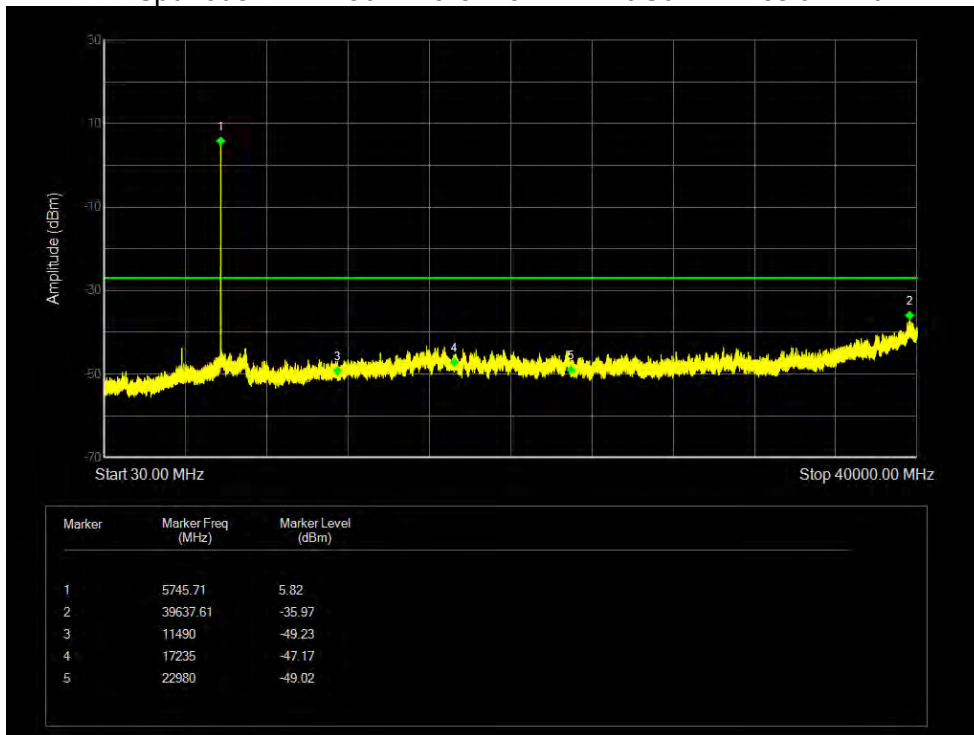
Tx. Spurious NVNT 802.11a 5785MHz Ant Sum Emission Ant 1



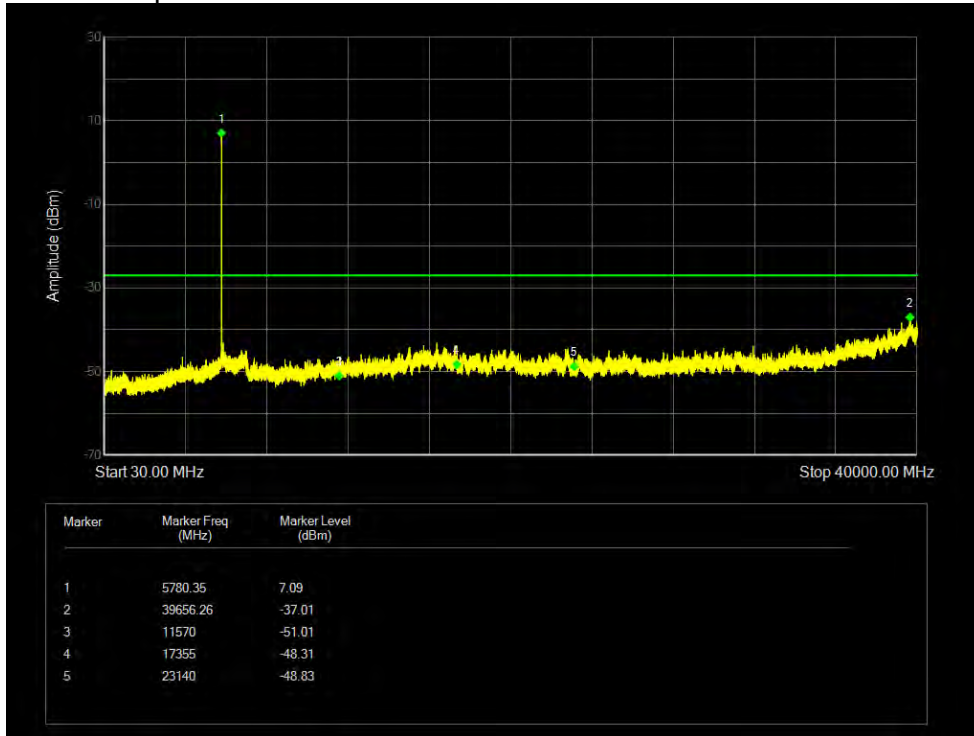
Tx. Spurious NVNT 802.11a 5825MHz Ant Sum Emission Ant 1



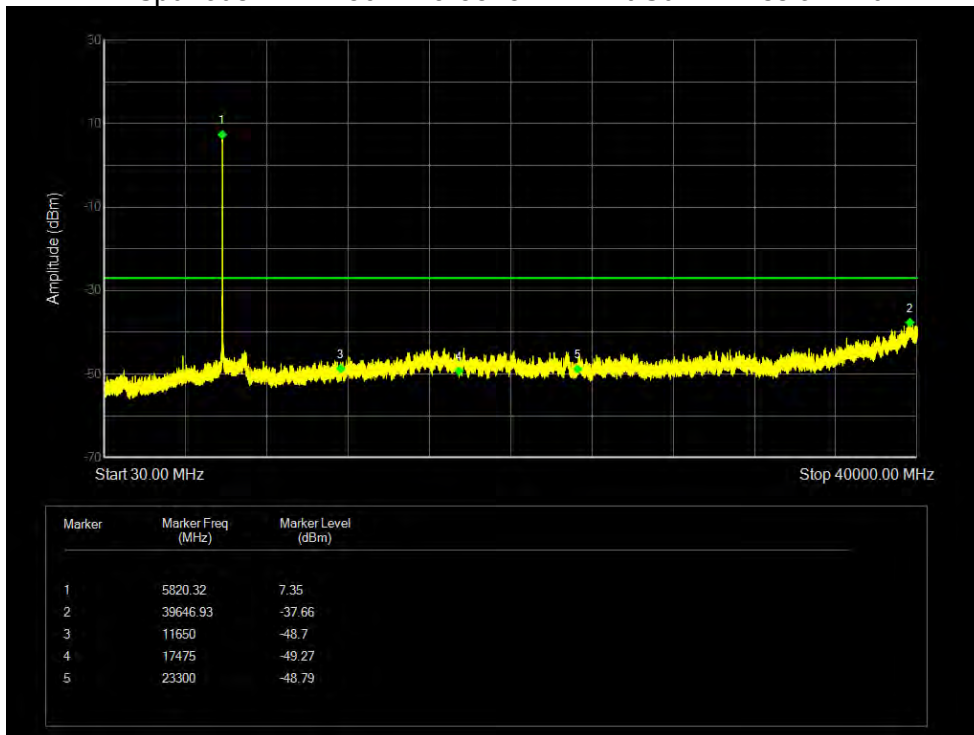
Tx. Spurious NVNT 802.11a 5745MHz Ant Sum Emission Ant 2



Tx. Spurious NVNT 802.11a 5785MHz Ant Sum Emission Ant 2

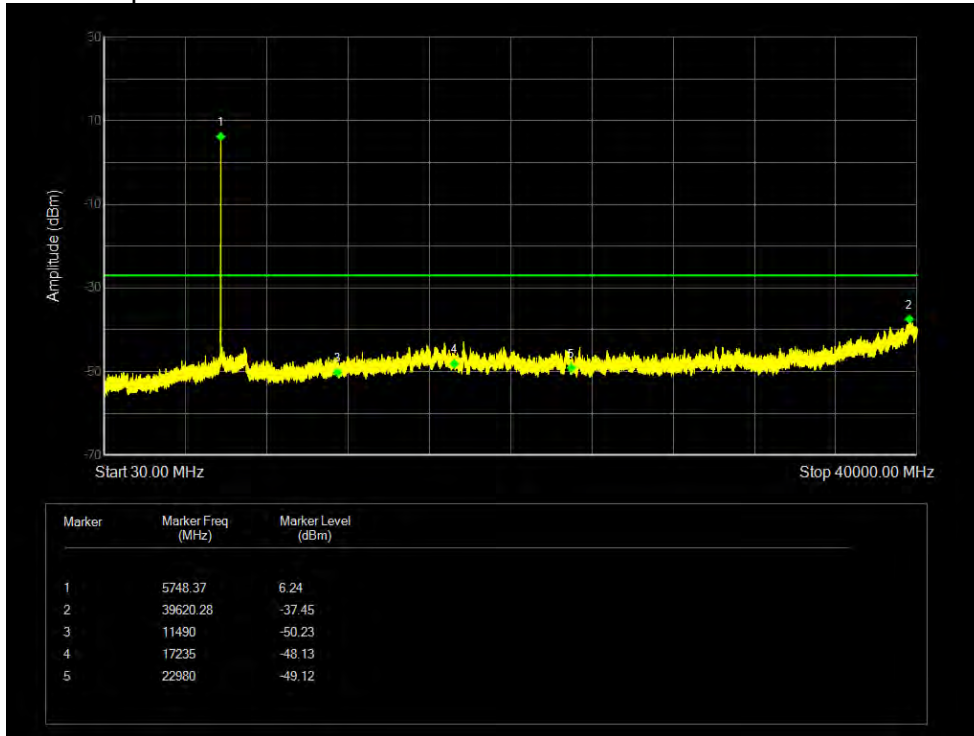


Tx. Spurious NVNT 802.11a 5825MHz Ant Sum Emission Ant 2





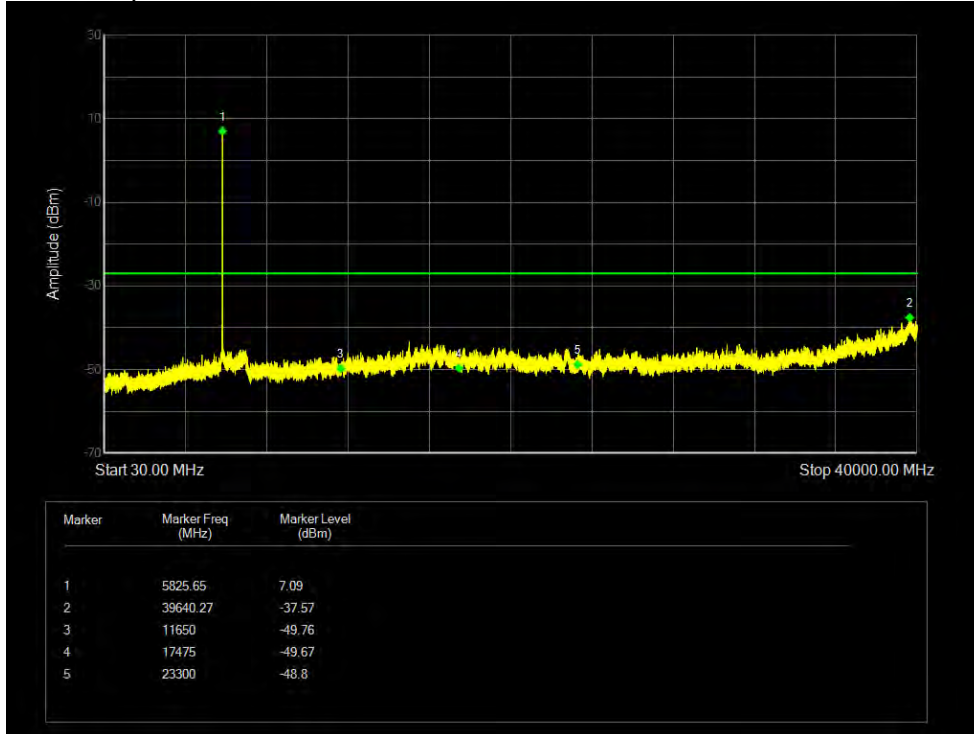
Tx. Spurious NVNT 802.11ac20 5745MHz Ant Sum Emission Ant 1



Tx. Spurious NVNT 802.11ac20 5785MHz Ant Sum Emission Ant 1



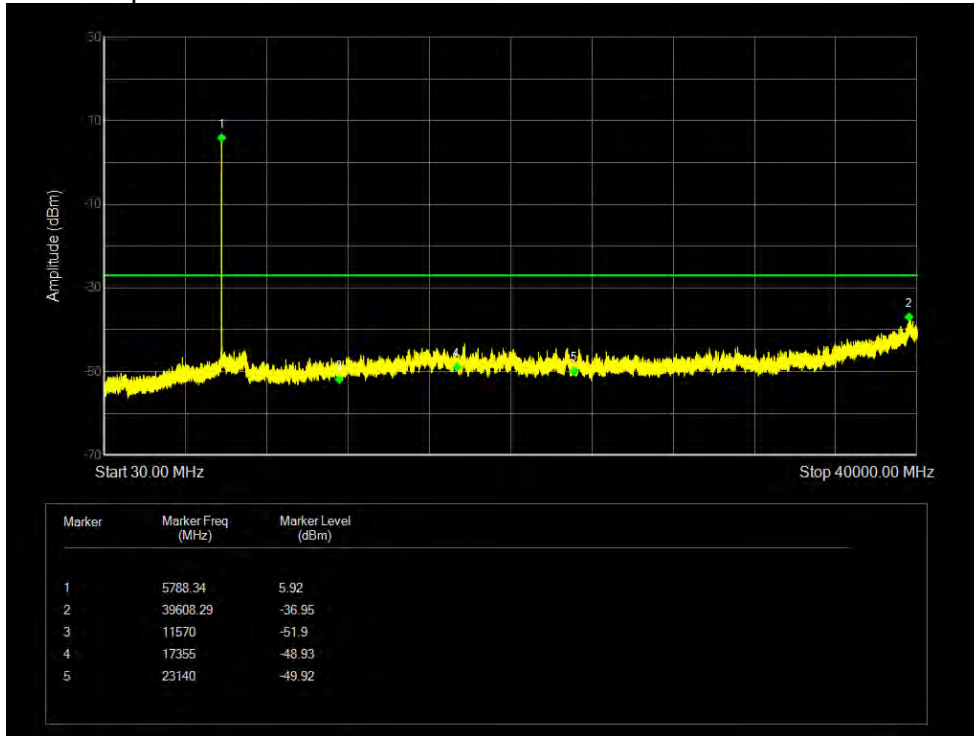
Tx. Spurious NVNT 802.11ac20 5825MHz Ant Sum Emission Ant 1



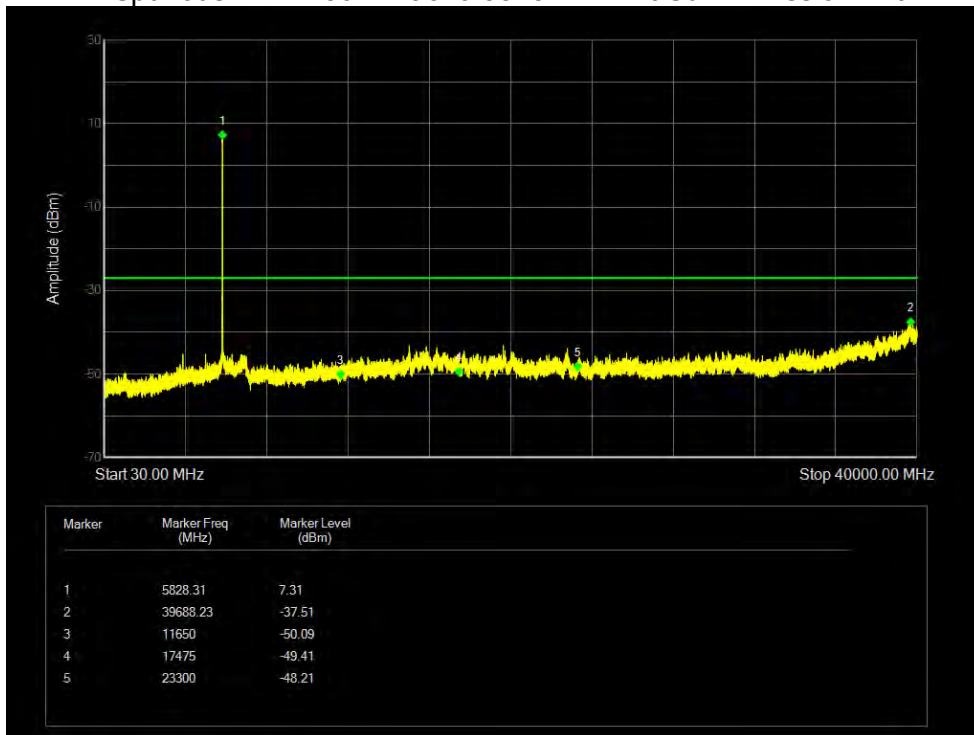
Tx. Spurious NVNT 802.11ac20 5745MHz Ant Sum Emission Ant 2



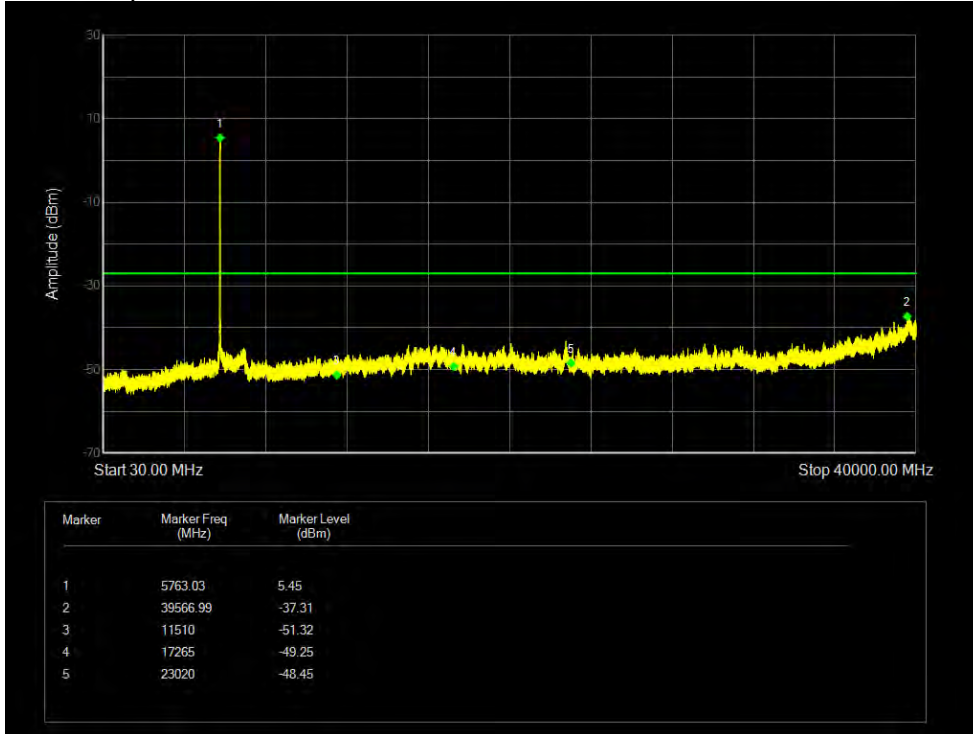
Tx. Spurious NVNT 802.11ac20 5785MHz Ant Sum Emission Ant 2



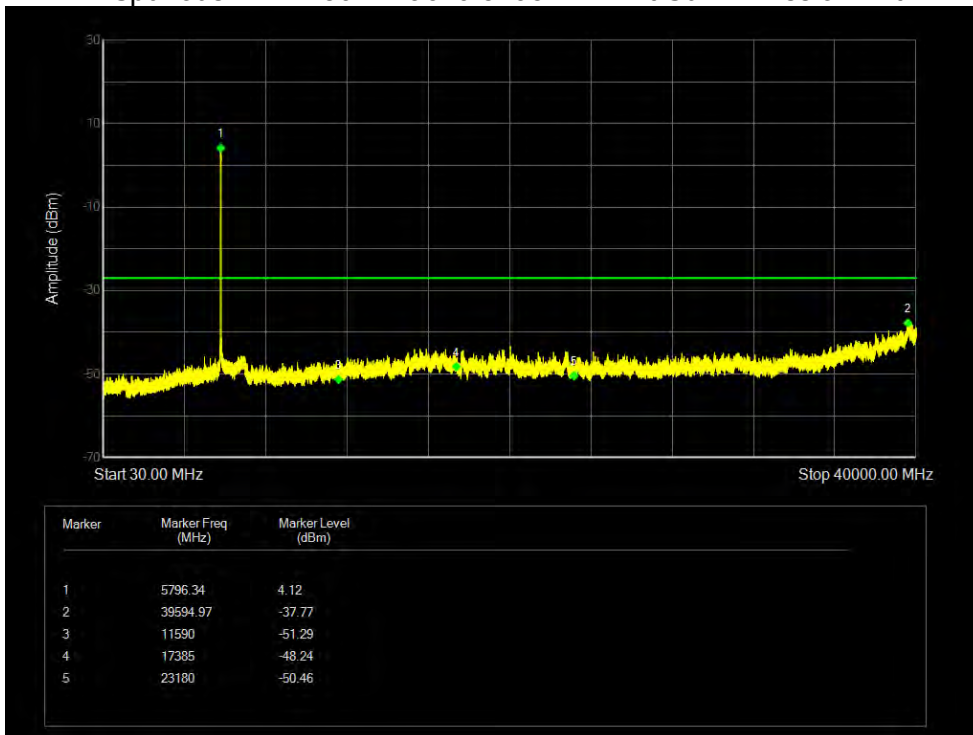
Tx. Spurious NVNT 802.11ac20 5825MHz Ant Sum Emission Ant 2



Tx. Spurious NVNT 802.11ac40 5755MHz Ant Sum Emission Ant 1

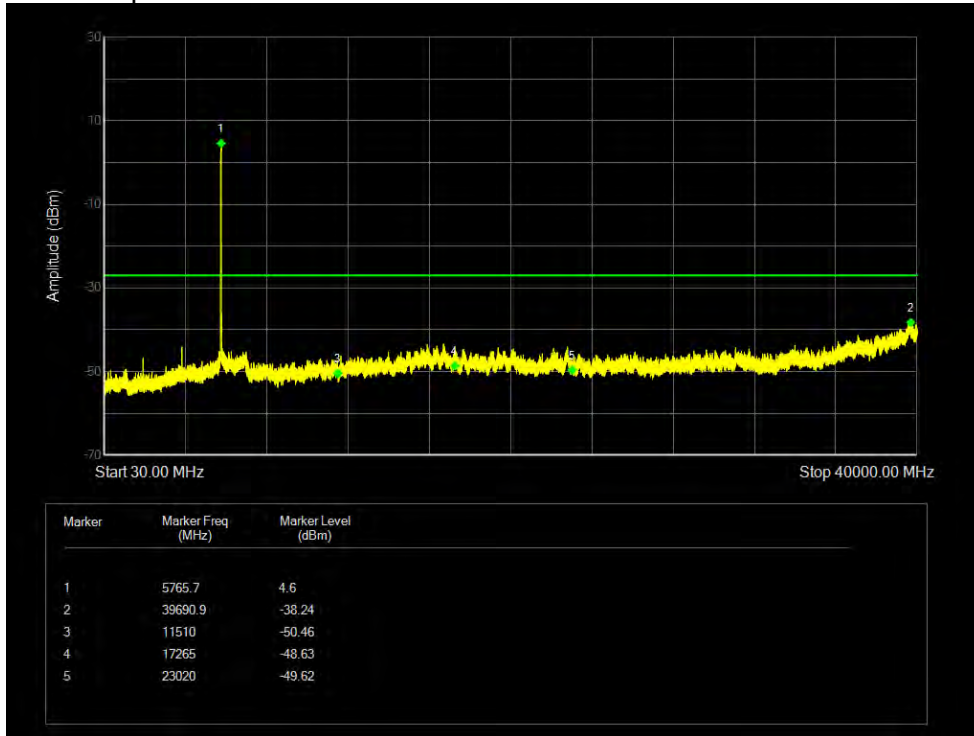


Tx. Spurious NVNT 802.11ac40 5795MHz Ant Sum Emission Ant 1

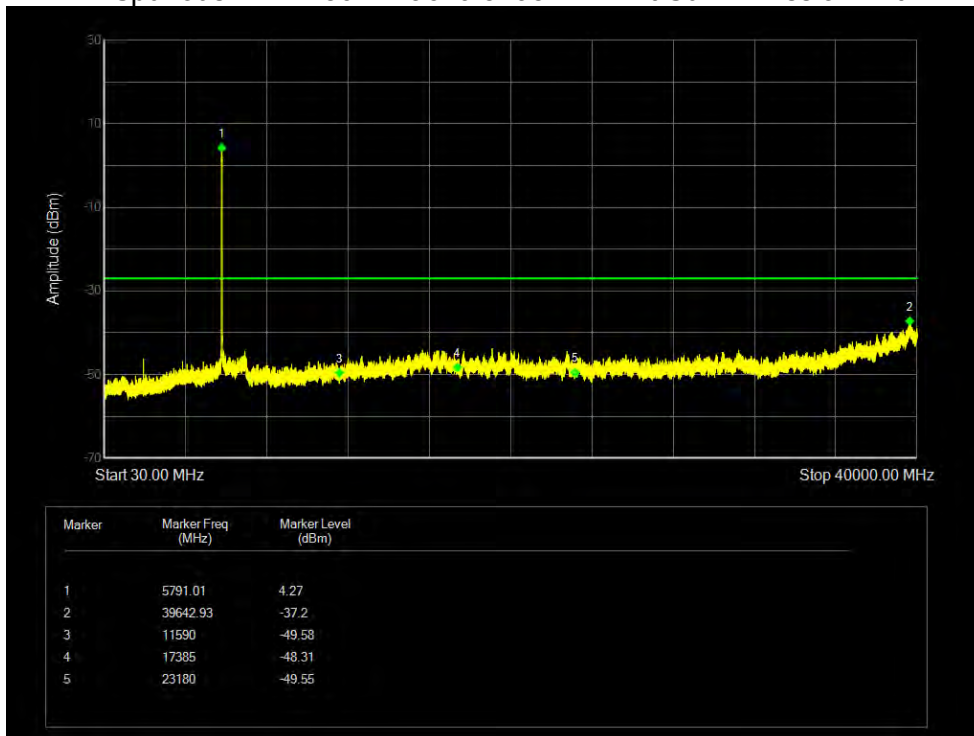




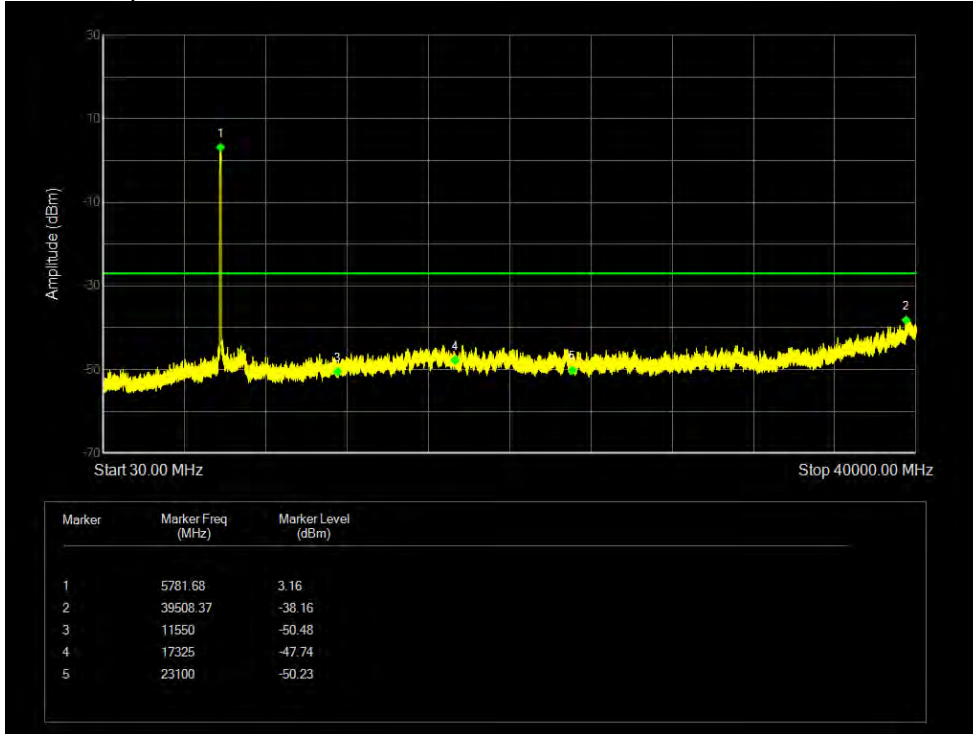
Tx. Spurious NVNT 802.11ac40 5755MHz Ant Sum Emission Ant 2



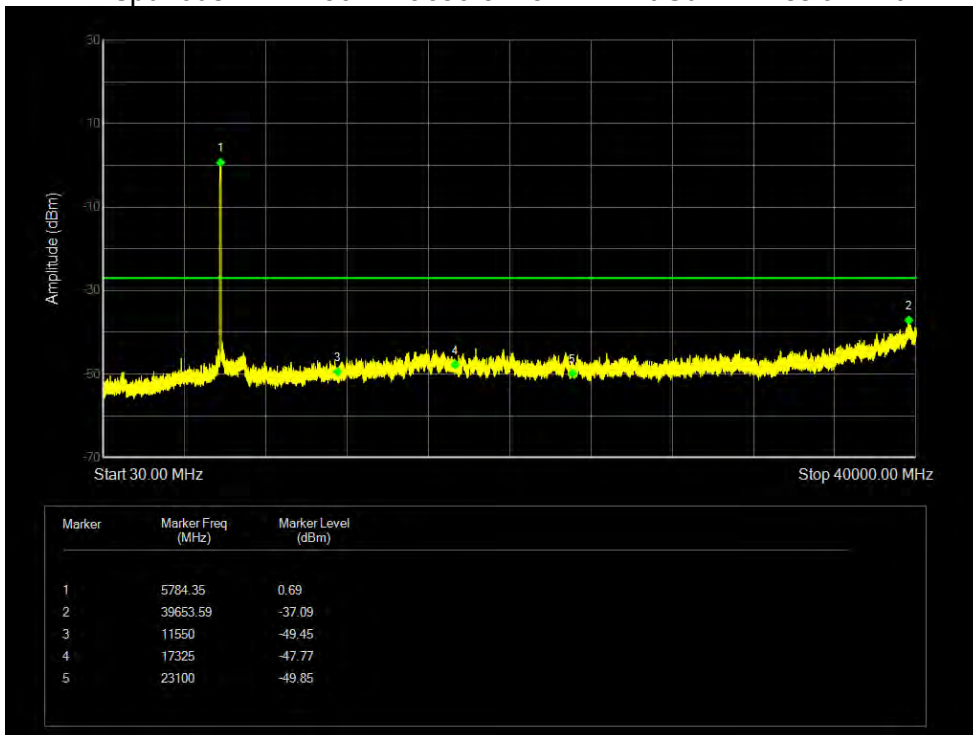
Tx. Spurious NVNT 802.11ac40 5795MHz Ant Sum Emission Ant 2



Tx. Spurious NVNT 802.11ac80 5775MHz Ant Sum Emission Ant 1



Tx. Spurious NVNT 802.11ac80 5775MHz Ant Sum Emission Ant 2



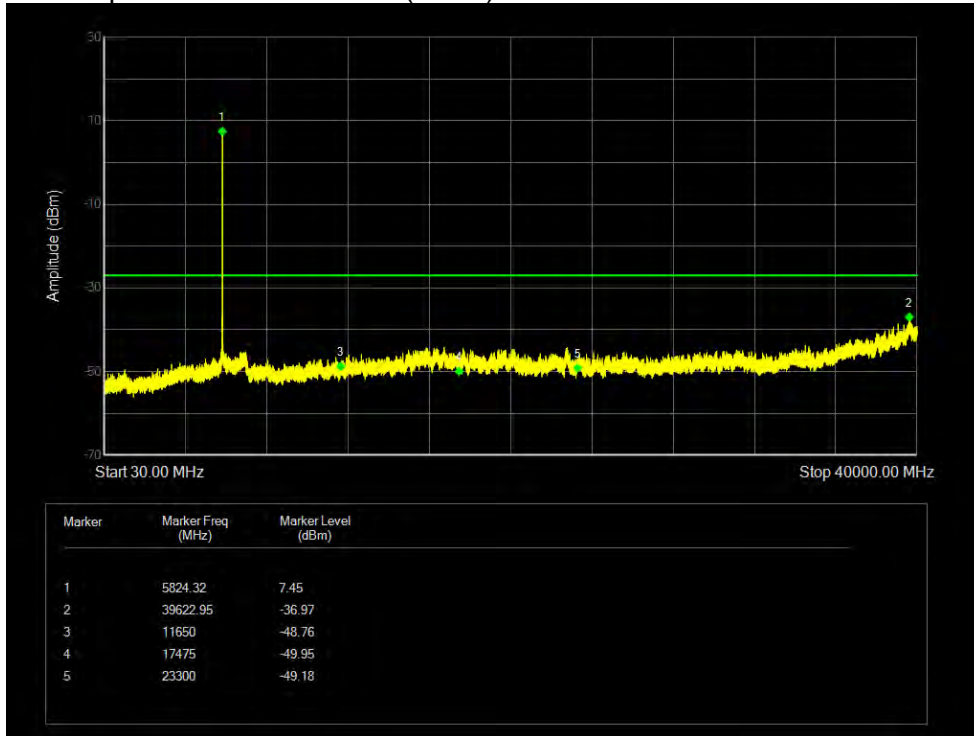
Tx. Spurious NVNT 802.11n(HT20) 5745MHz Ant Sum Emission Ant 1



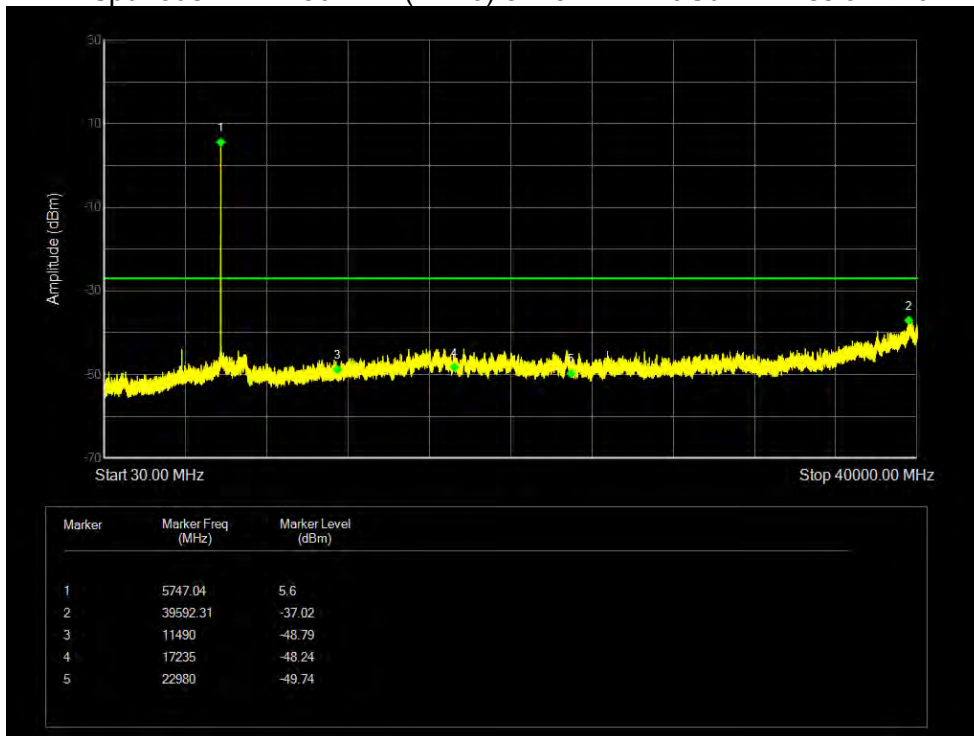
Tx. Spurious NVNT 802.11n(HT20) 5785MHz Ant Sum Emission Ant 1



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

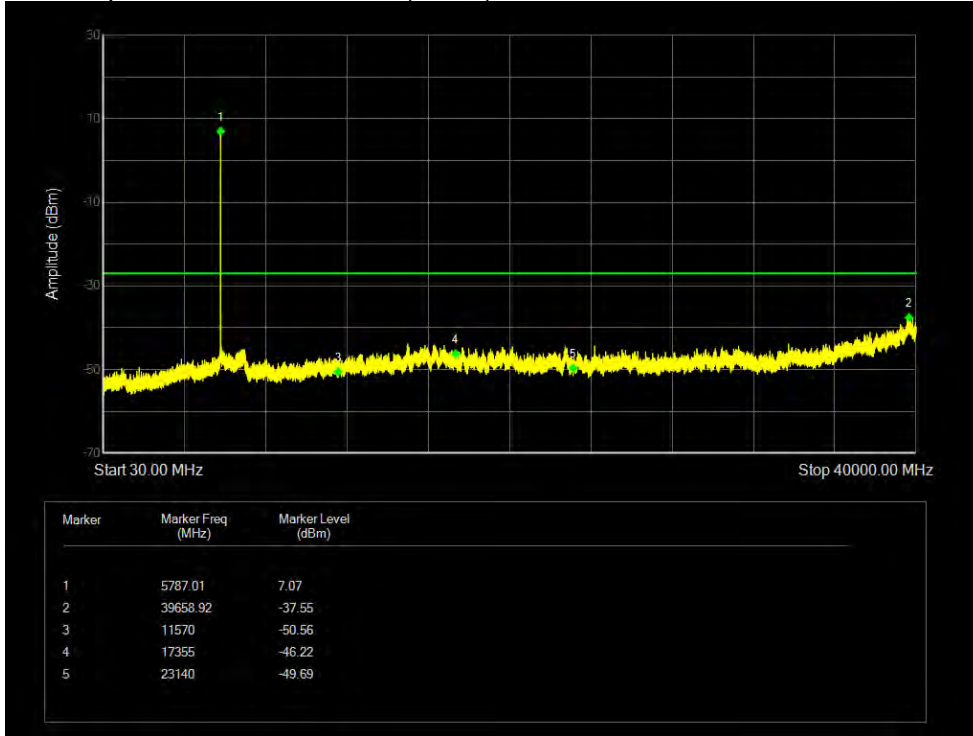


Tx. Spurious NVNT 802.11n(HT20) 5745MHz Ant Sum Emission Ant 2

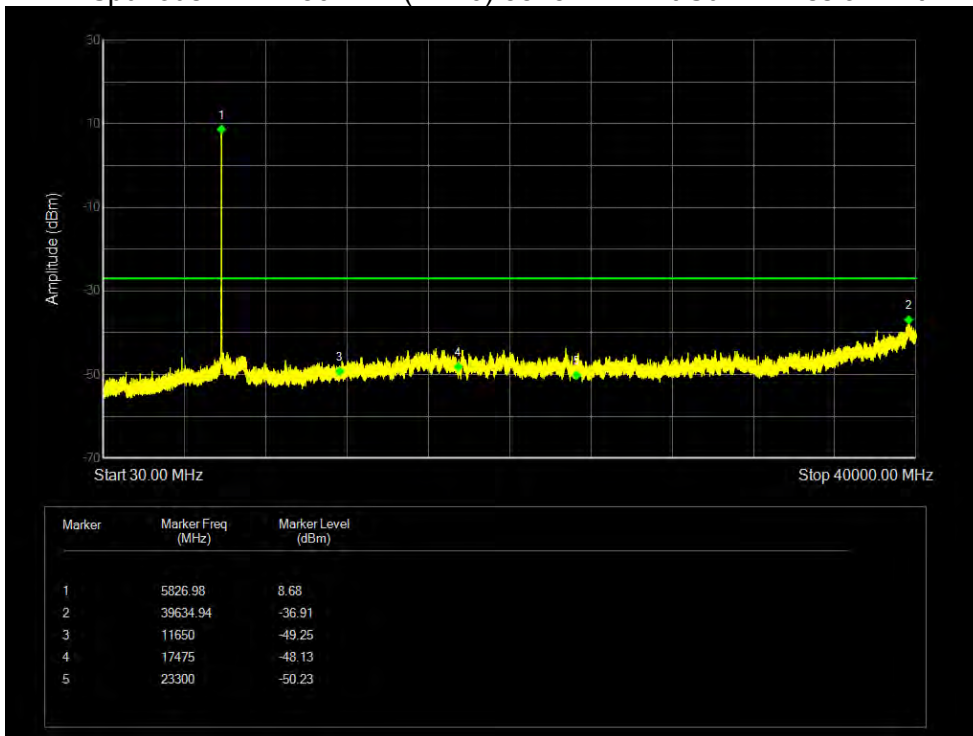




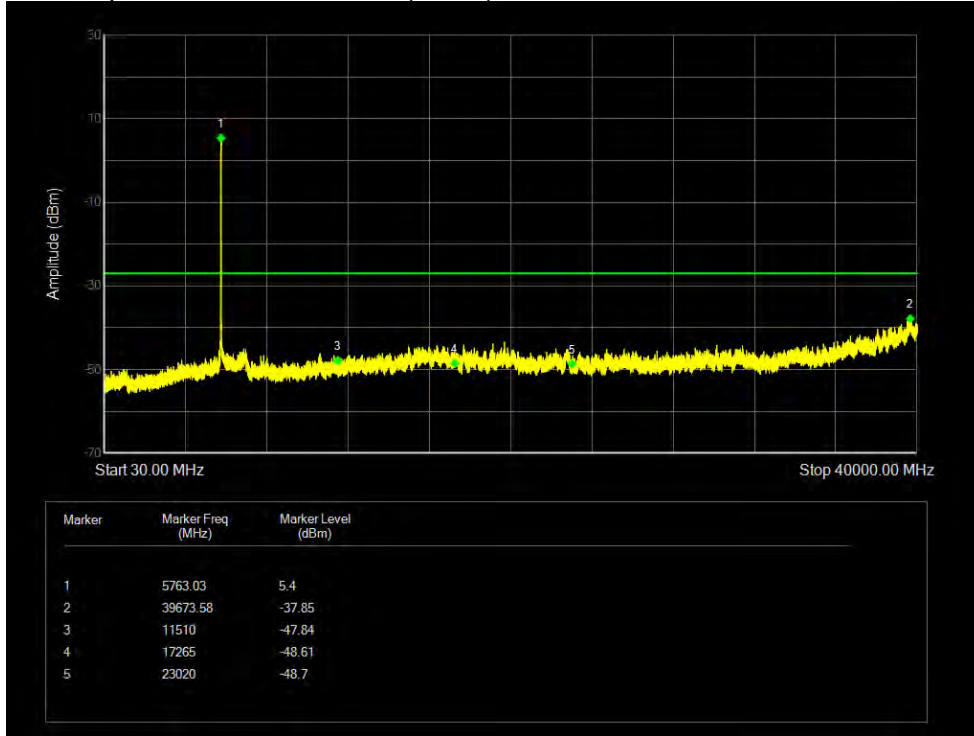
Tx. Spurious NVNT 802.11n(HT20) 5785MHz Ant Sum Emission Ant 2



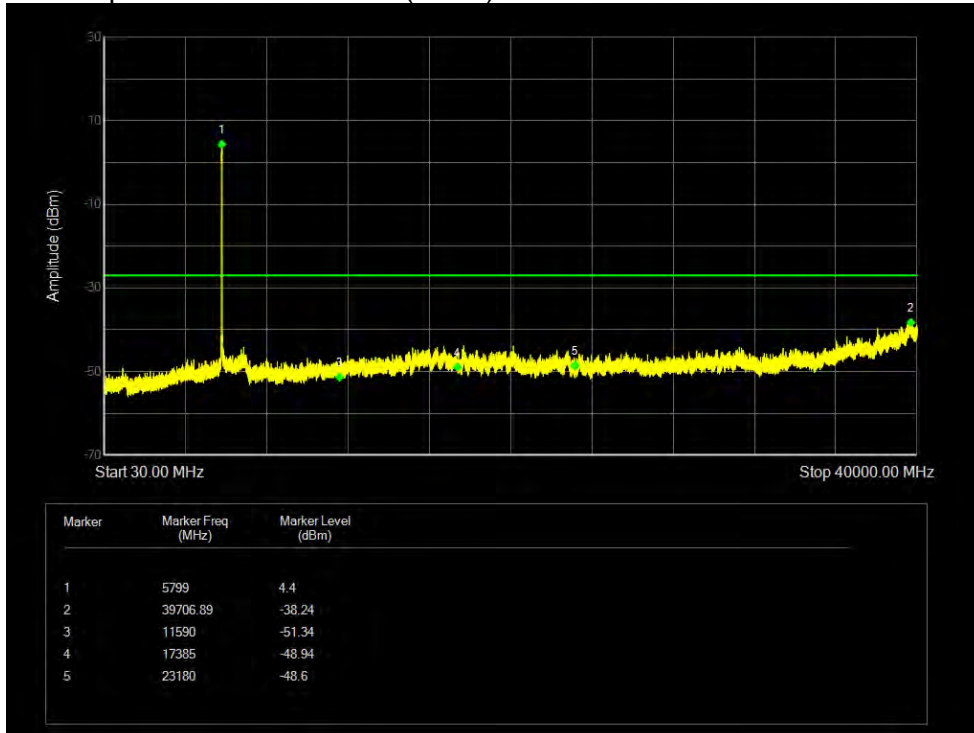
Tx. Spurious NVNT 802.11n(HT20) 5825MHz Ant Sum Emission Ant 2



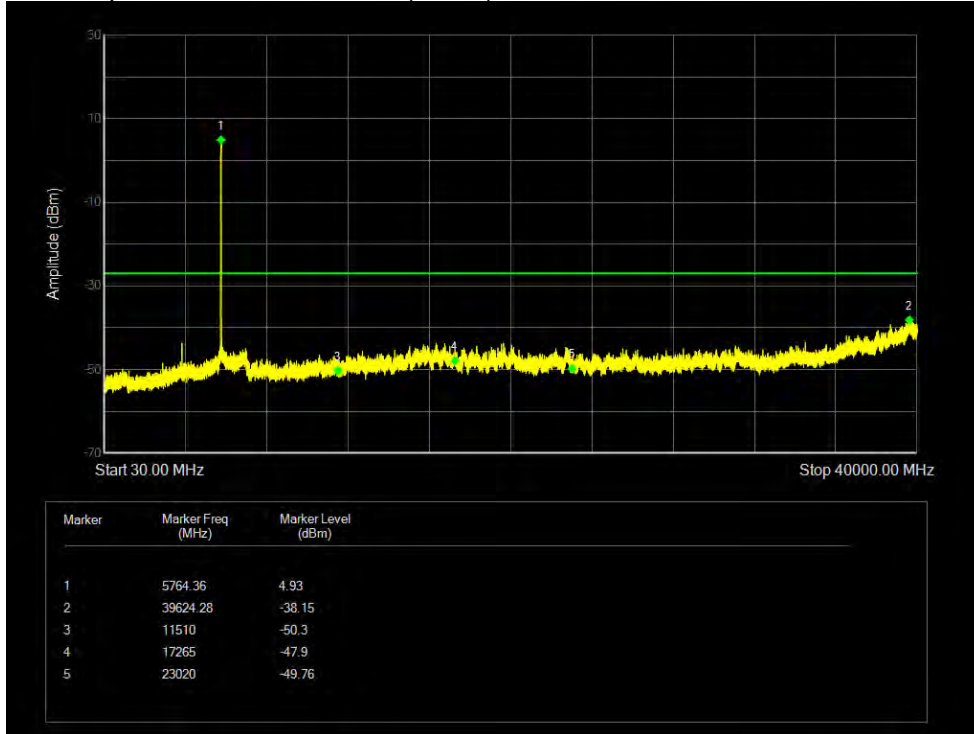
Tx. Spurious NVNT 802.11n(HT40) 5755MHz Ant Sum Emission Ant 1



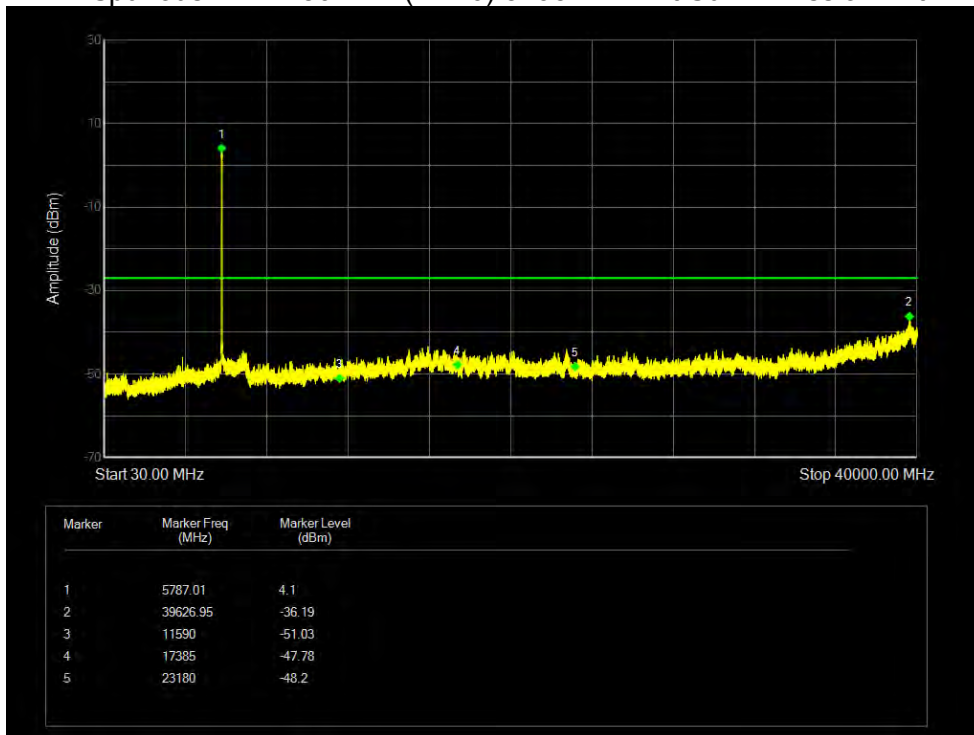
Tx. Spurious NVNT 802.11n(HT40) 5795MHz Ant Sum Emission Ant 1



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



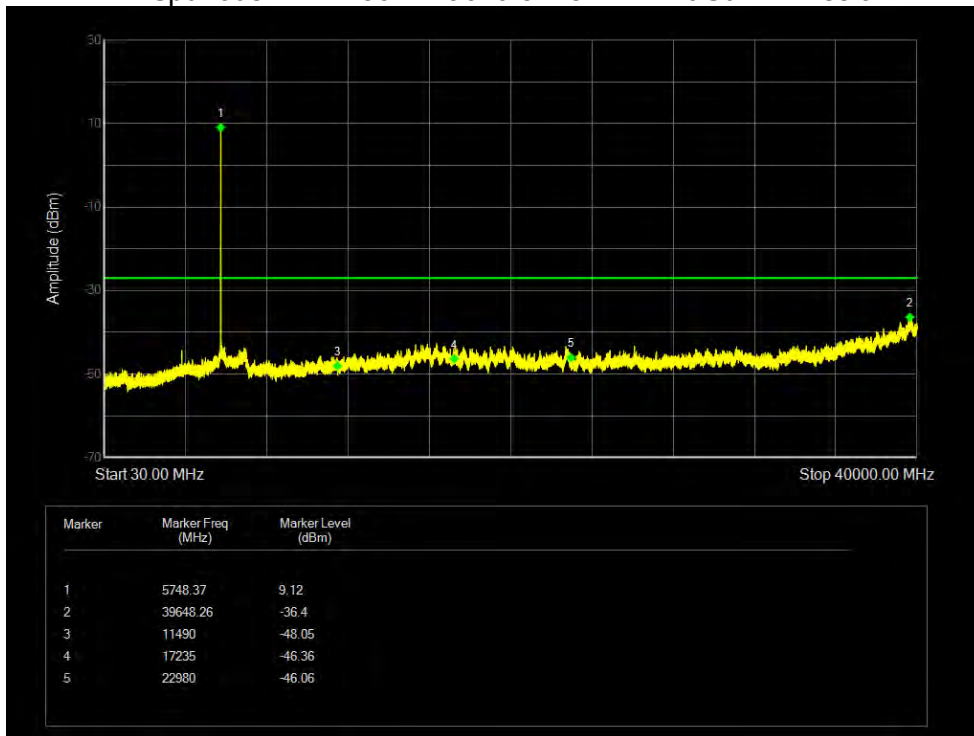
Tx. Spurious NVNT 802.11n(HT40) 5795MHz Ant Sum Emission Ant 2



MIMO

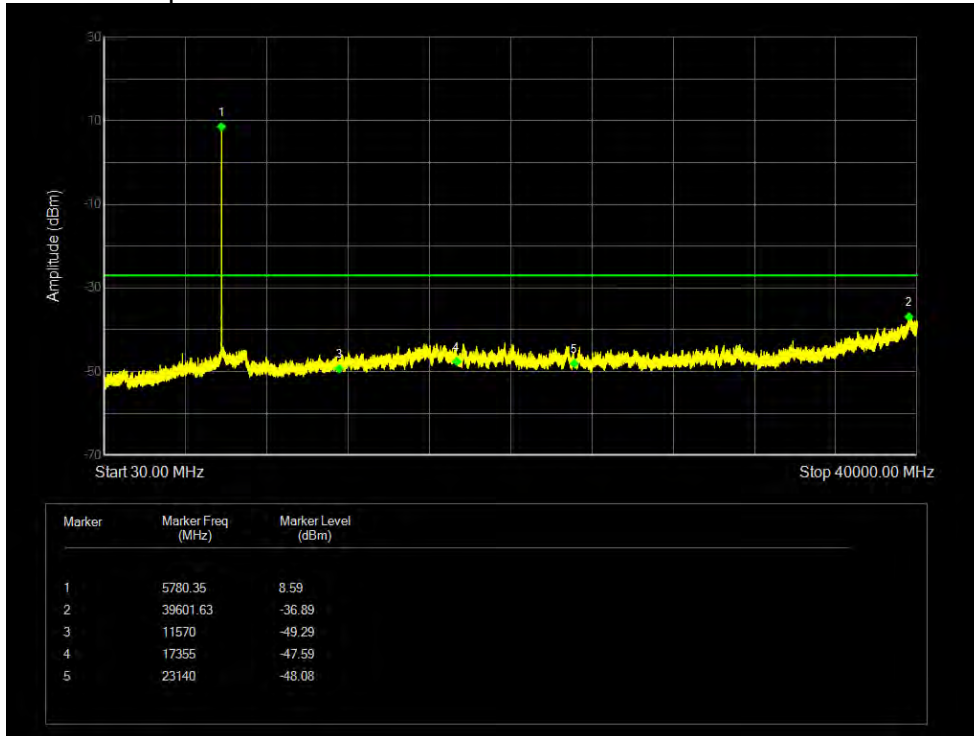
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11ac20	5745	Ant Sum	-36.4	-27	Pass
NVNT	802.11ac20	5785	Ant Sum	-36.89	-27	Pass
NVNT	802.11ac20	5825	Ant Sum	-36.53	-27	Pass
NVNT	802.11ac40	5755	Ant Sum	-36.47	-27	Pass
NVNT	802.11ac40	5795	Ant Sum	-37.06	-27	Pass
NVNT	802.11ac80	5775	Ant Sum	-36.68	-27	Pass
NVNT	802.11n(HT20)	5745	Ant Sum	-35.95	-27	Pass
NVNT	802.11n(HT20)	5785	Ant Sum	-37.17	-27	Pass
NVNT	802.11n(HT20)	5825	Ant Sum	-36.81	-27	Pass
NVNT	802.11n(HT40)	5755	Ant Sum	-35.56	-27	Pass
NVNT	802.11n(HT40)	5795	Ant Sum	-36.17	-27	Pass

Tx. Spurious NVNT 802.11ac20 5745MHz Ant Sum Emission

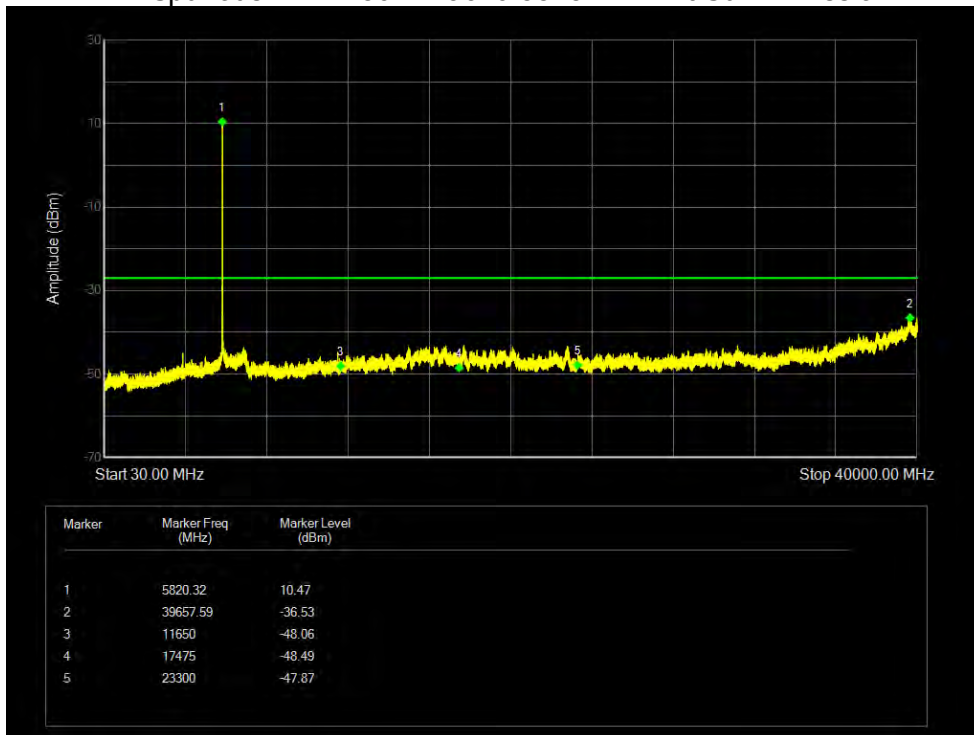




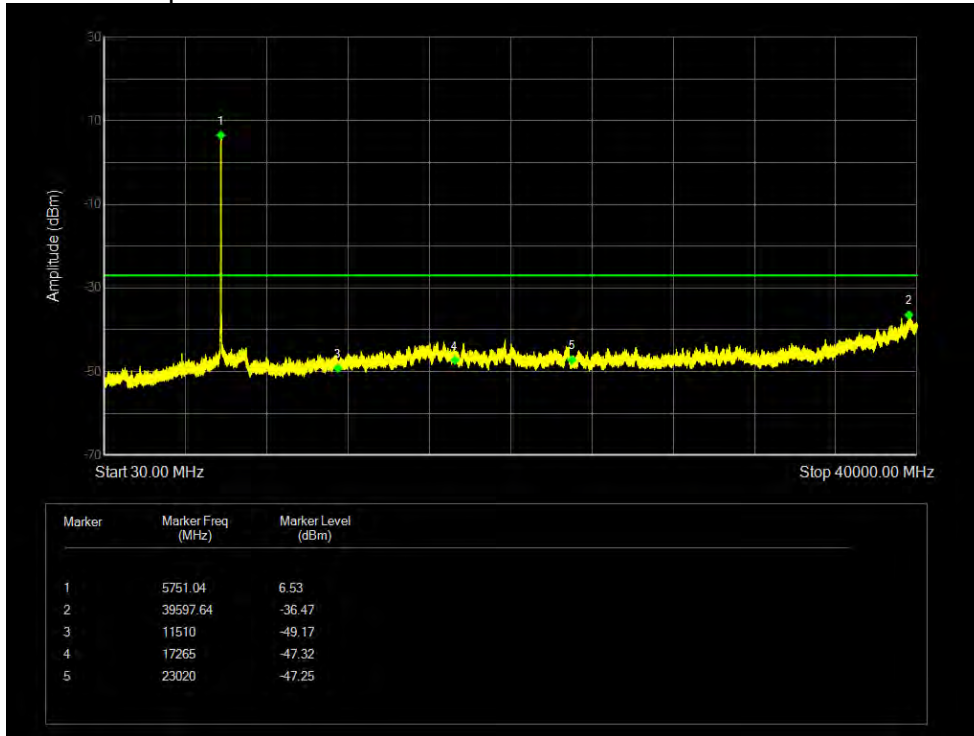
Tx. Spurious NVNT 802.11ac20 5785MHz Ant Sum Emission



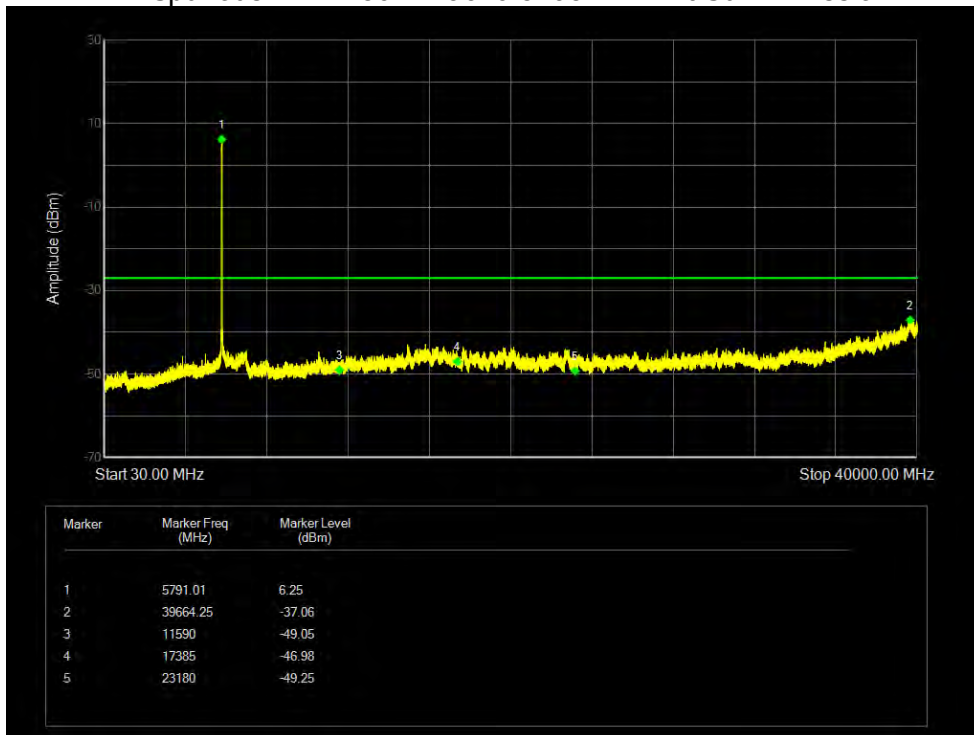
Tx. Spurious NVNT 802.11ac20 5825MHz Ant Sum Emission



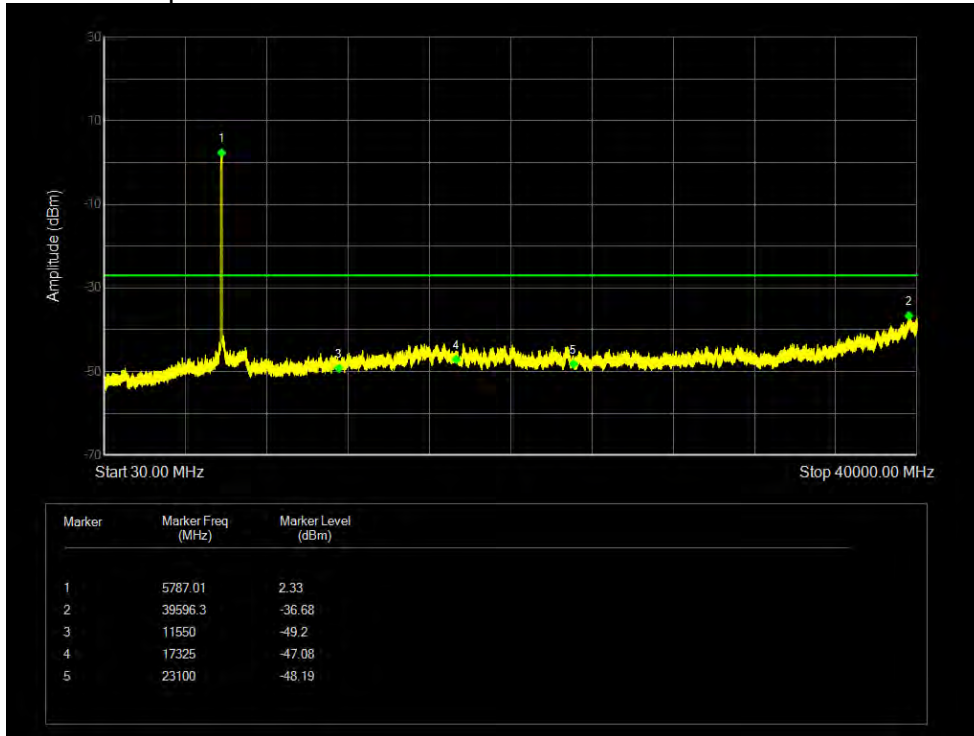
Tx. Spurious NVNT 802.11ac40 5755MHz Ant Sum Emission



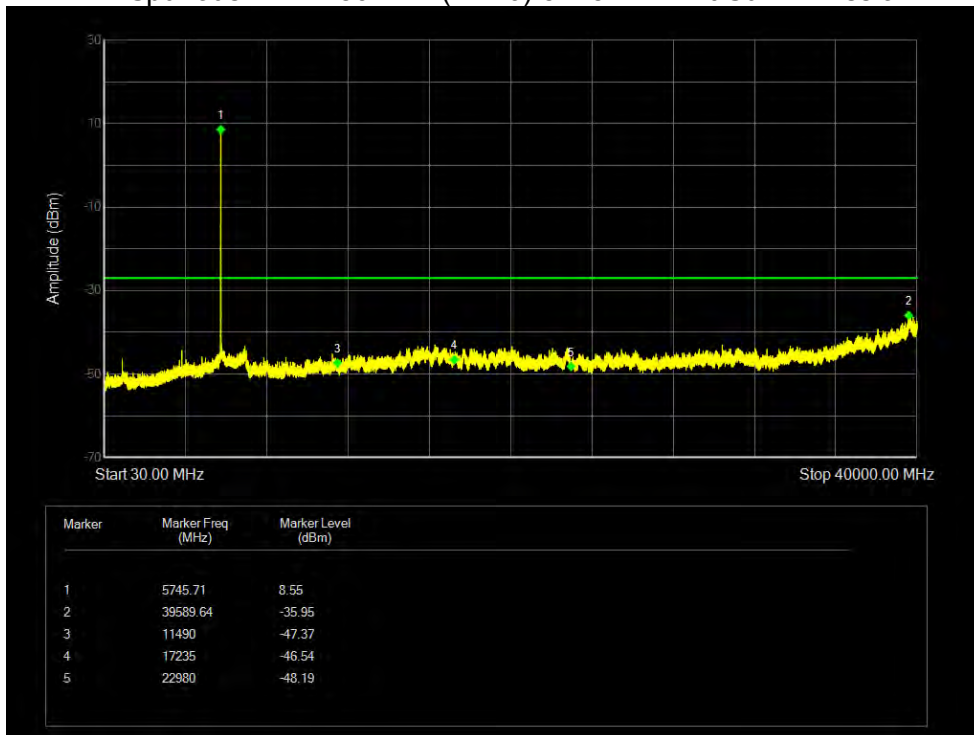
Tx. Spurious NVNT 802.11ac40 5795MHz Ant Sum Emission



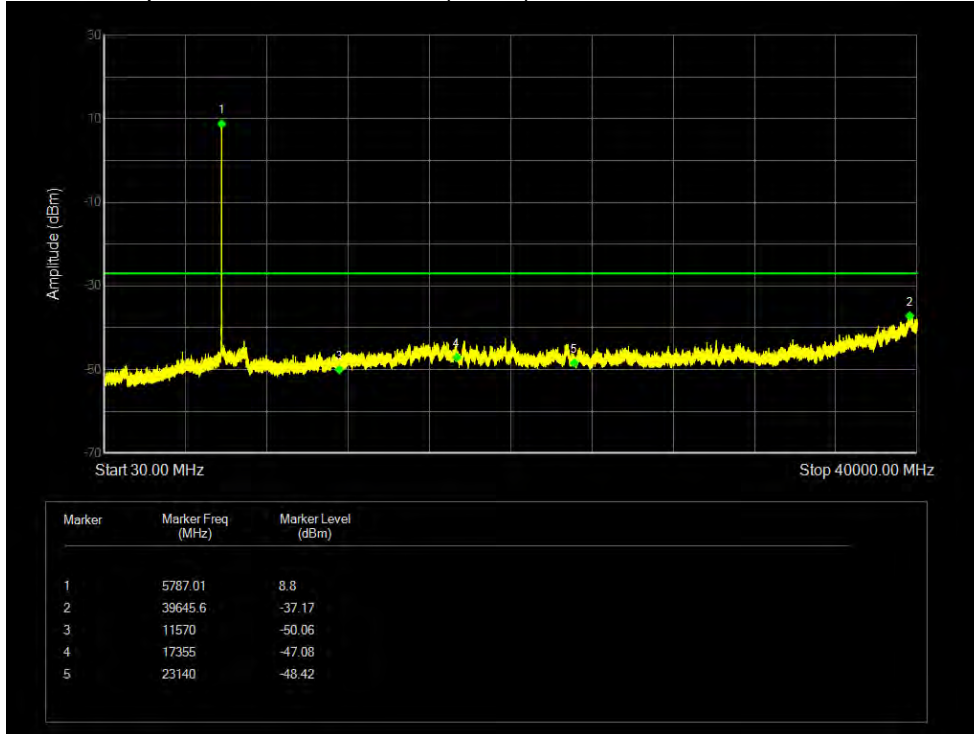
Tx. Spurious NVNT 802.11ac80 5775MHz Ant Sum Emission



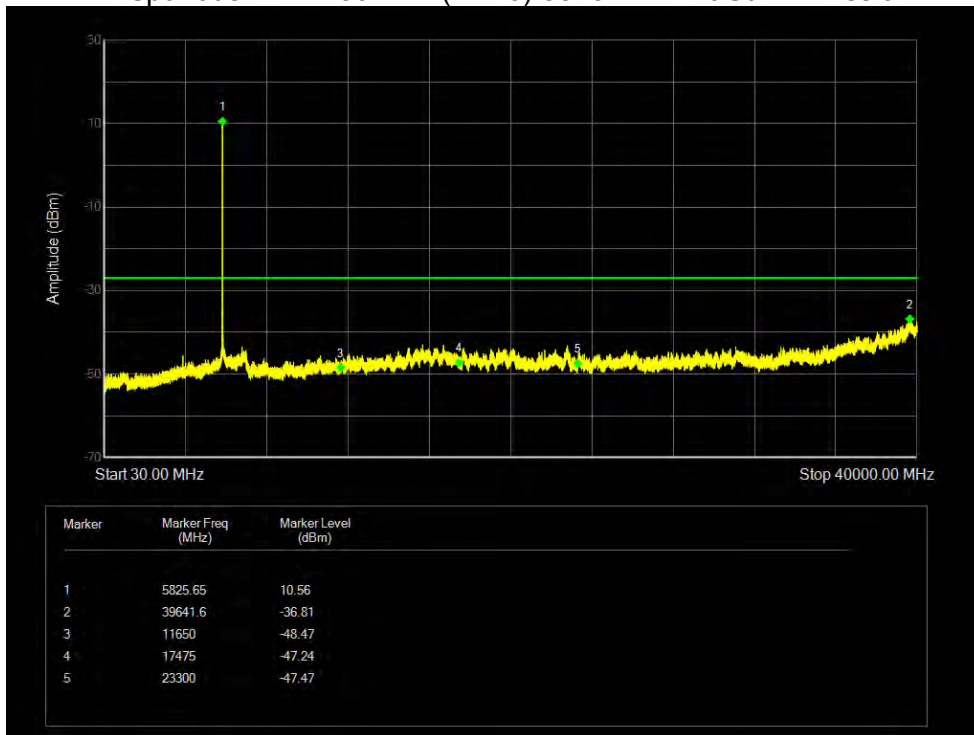
Tx. Spurious NVNT 802.11n(HT20) 5745MHz Ant Sum Emission



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

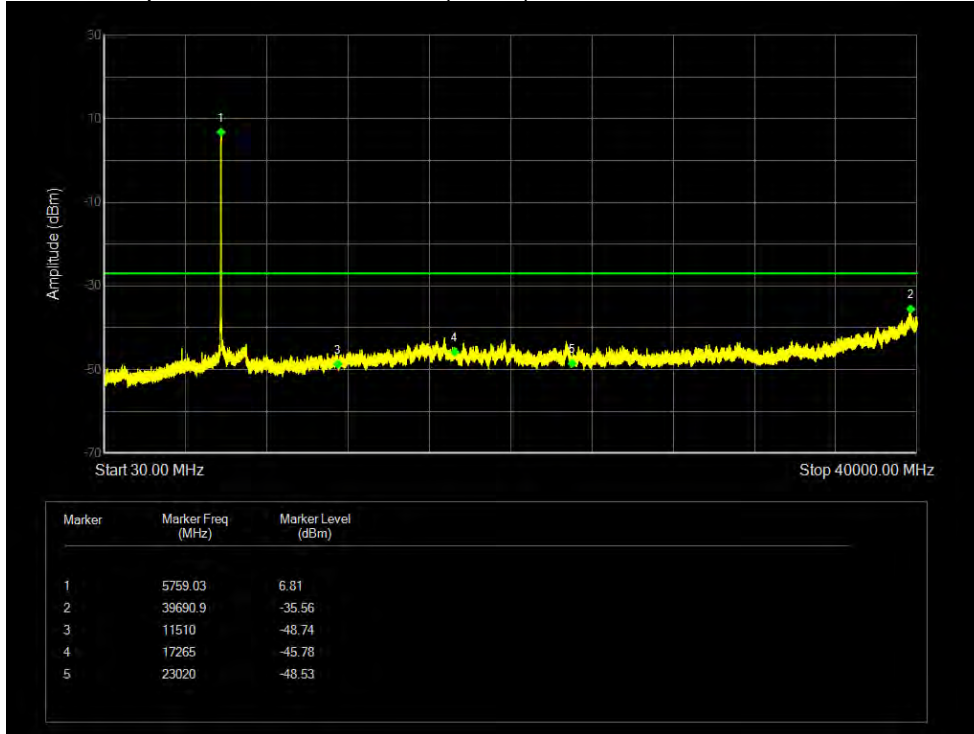


Tx. Spurious NVNT 802.11n(HT20) 5825MHz Ant Sum Emission

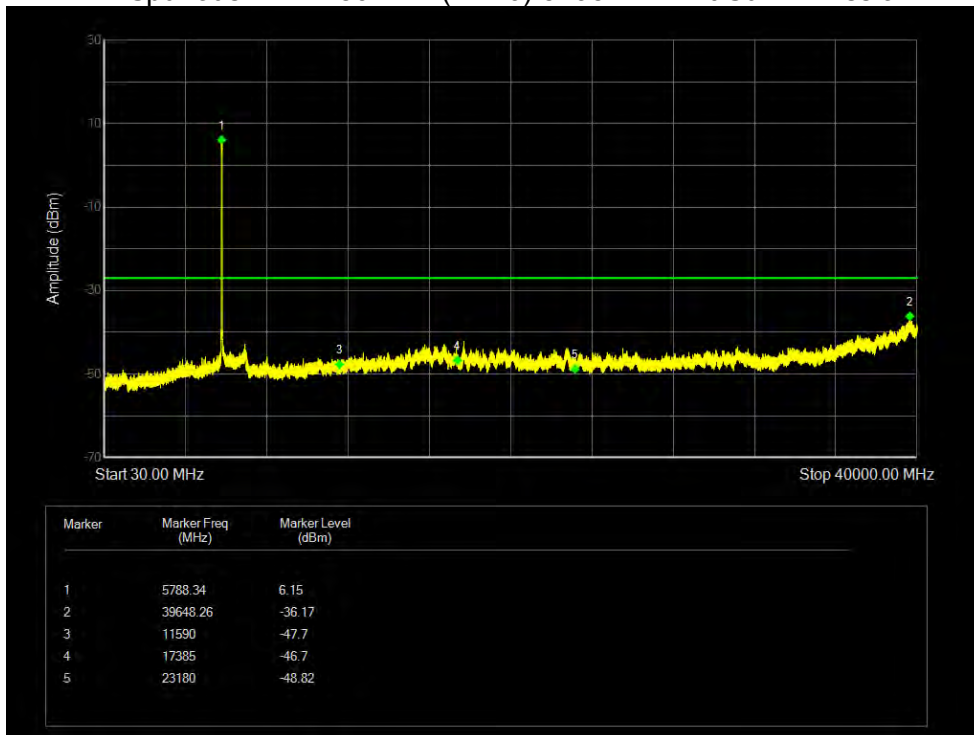




Tx. Spurious NVNT 802.11n(HT40) 5755MHz Ant Sum Emission



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



END OF REPORT