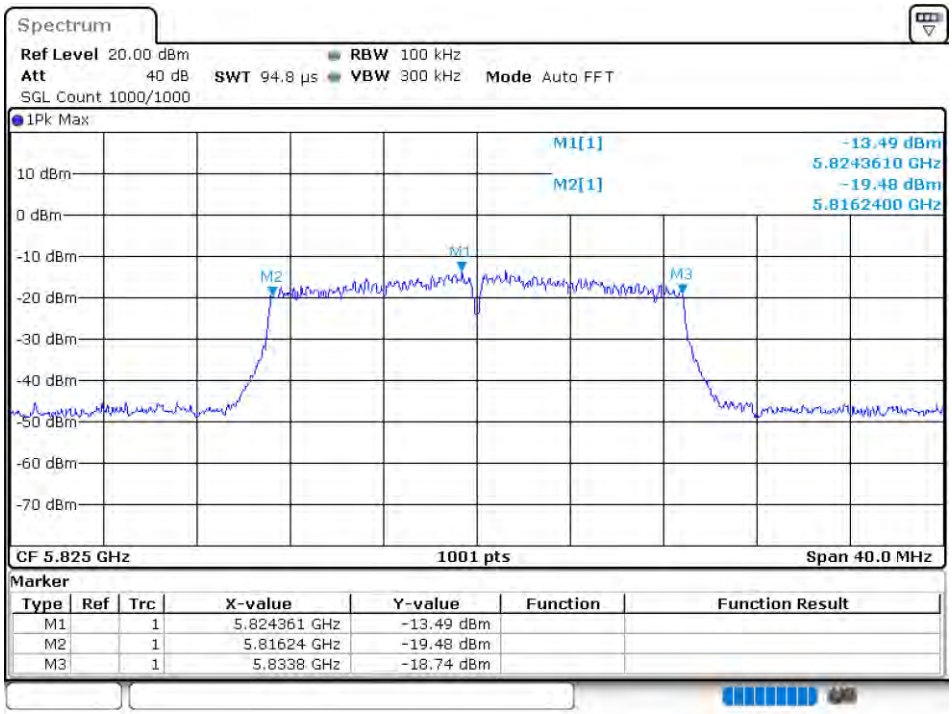
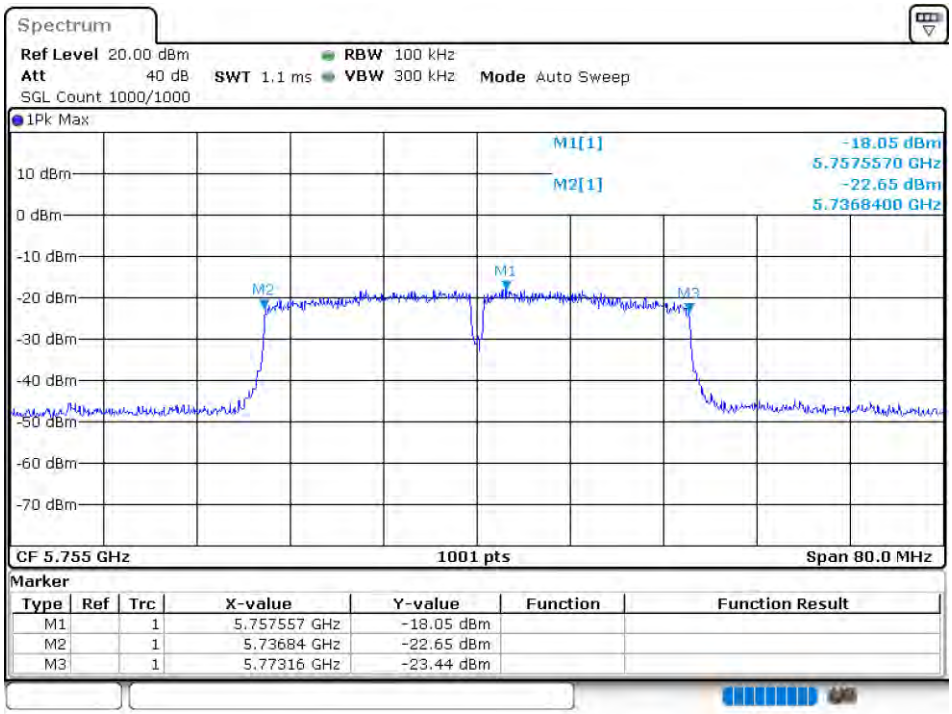
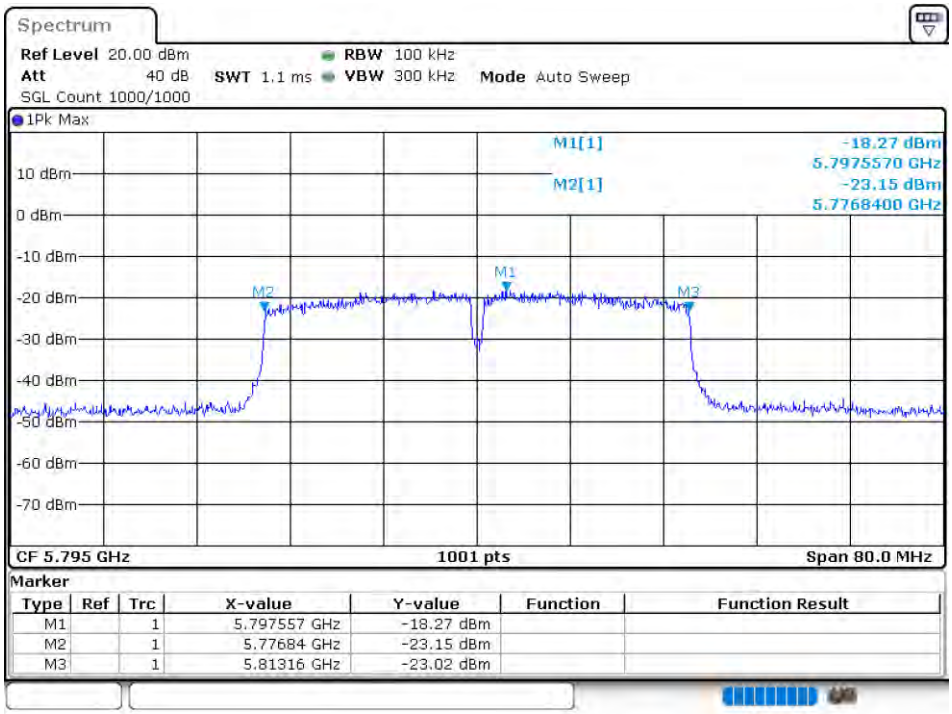
EBW NVNT 802.11ac20 5825MHz Ant1



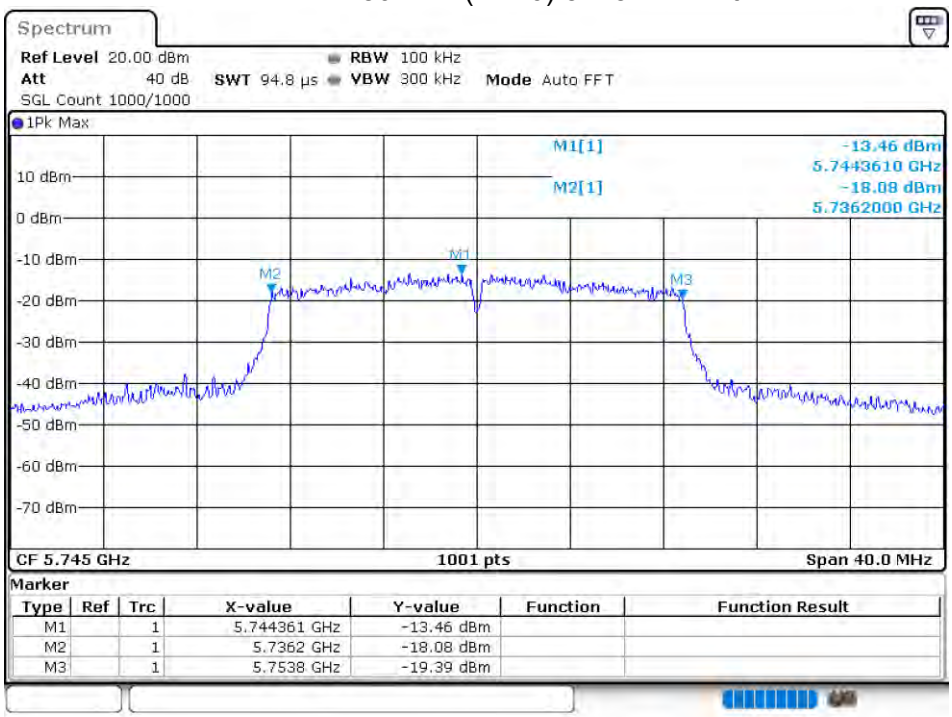
EBW NVNT 802.11ac40 5755MHz Ant1



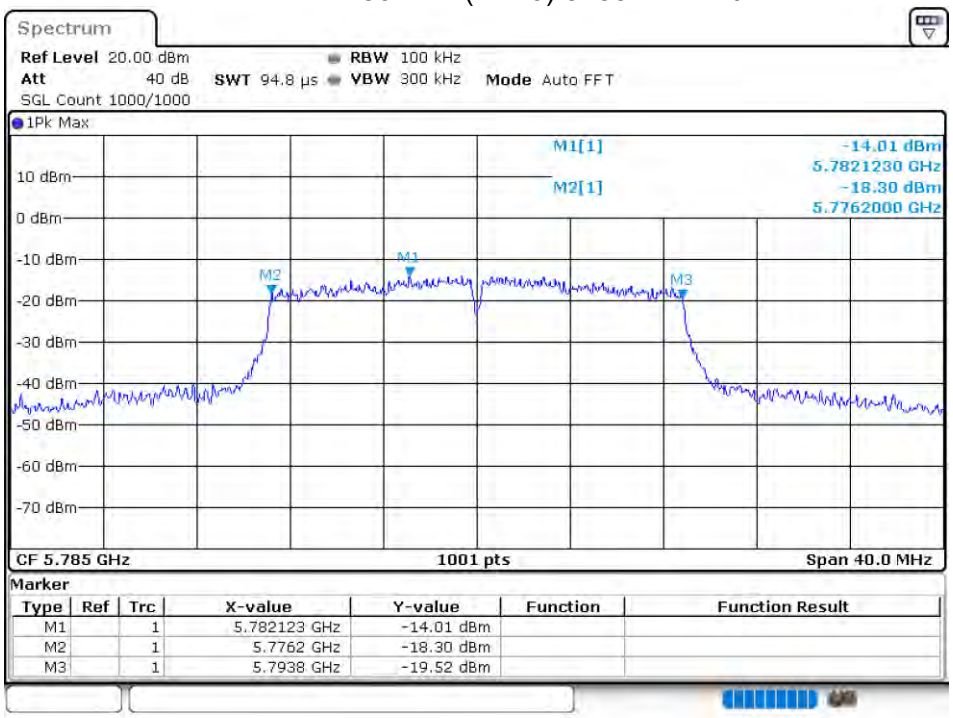
EBW NVNT 802.11ac40 5795MHz Ant1



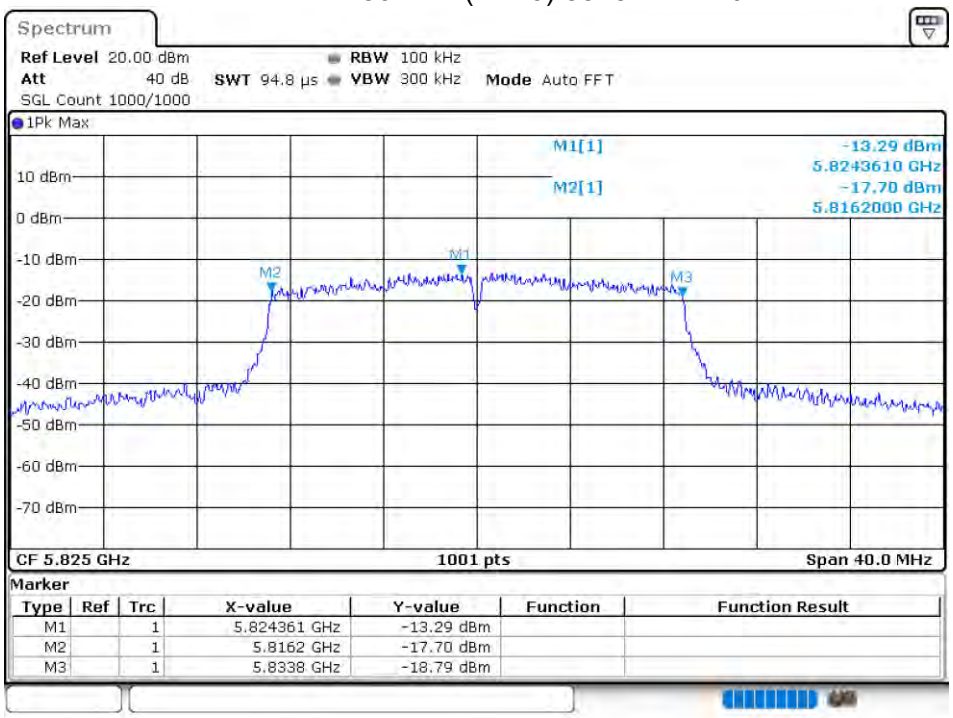
EBW NVNT 802.11n(HT20) 5745MHz Ant1



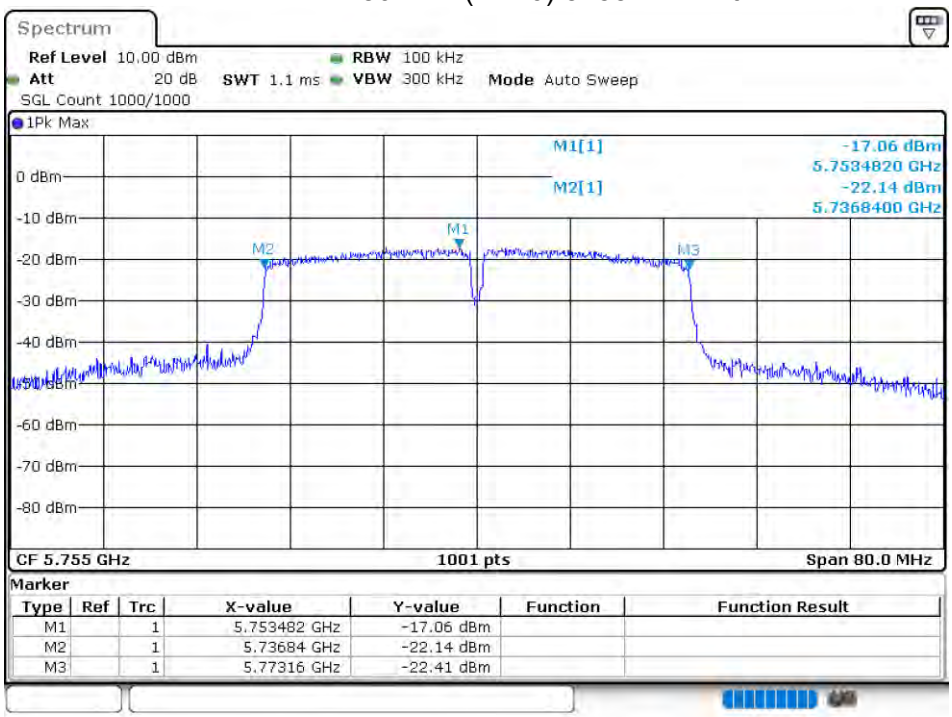
EBW NVNT 802.11n(HT20) 5785MHz Ant1



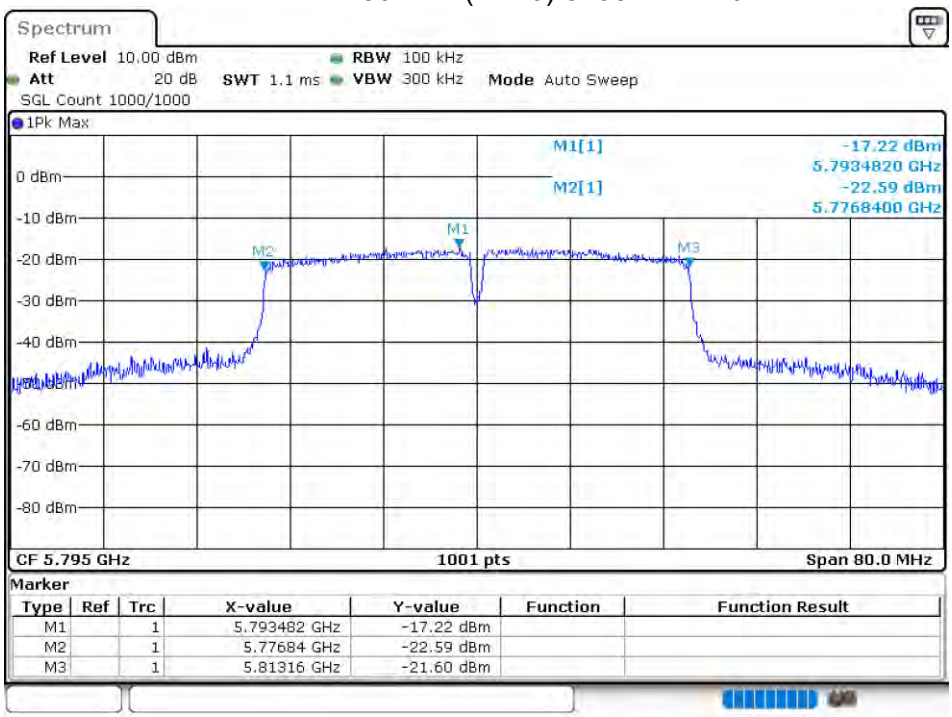
EBW NVNT 802.11n(HT20) 5825MHz Ant1



EBW NVNT 802.11n(HT40) 5755MHz Ant1



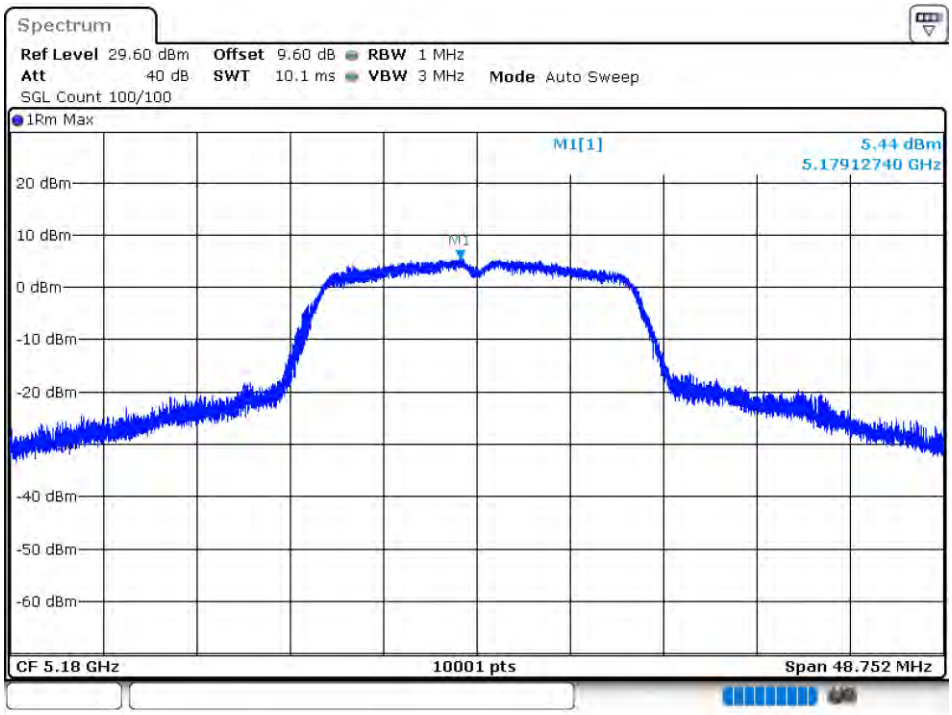
EBW NVNT 802.11n(HT40) 5795MHz Ant1



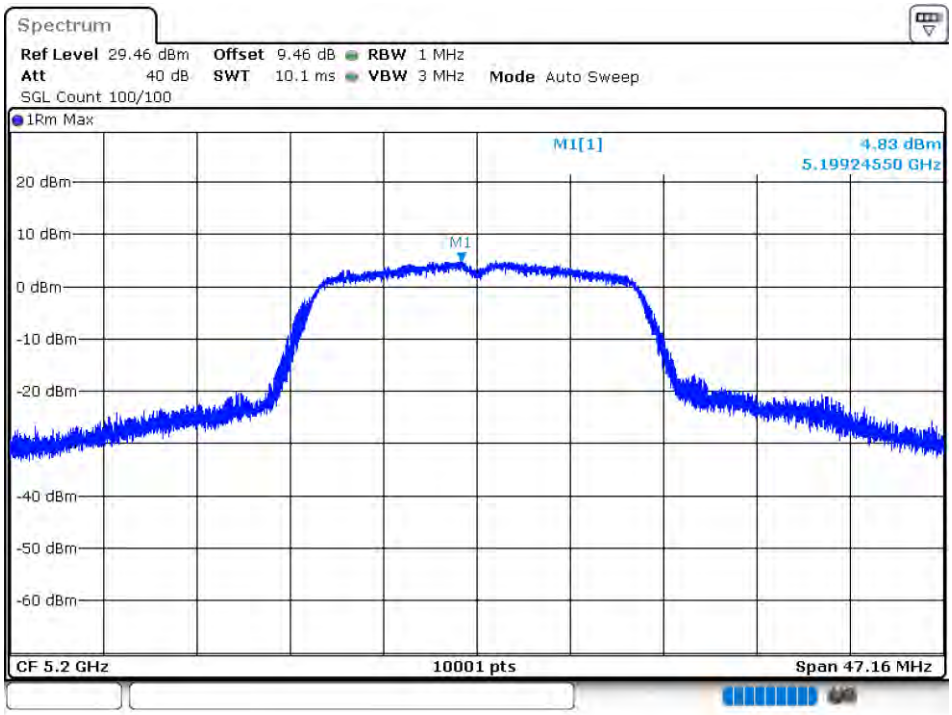
5.5 MAXIMUM POWER SPECTRAL DENSITY LEVEL

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5180	Ant 1	5.441	11	Pass
NVNT	802.11a	5200	Ant 1	4.831	11	Pass
NVNT	802.11a	5240	Ant 1	5.349	11	Pass
NVNT	802.11ac20	5180	Ant 1	4.573	11	Pass
NVNT	802.11ac20	5200	Ant 1	4.154	11	Pass
NVNT	802.11ac20	5240	Ant 1	4.929	11	Pass
NVNT	802.11ac40	5190	Ant 1	1.076	11	Pass
NVNT	802.11ac40	5230	Ant 1	1.289	11	Pass
NVNT	802.11n(HT20)	5180	Ant 1	5.209	11	Pass
NVNT	802.11n(HT20)	5200	Ant 1	4.835	11	Pass
NVNT	802.11n(HT20)	5240	Ant 1	5.155	11	Pass
NVNT	802.11n(HT40)	5190	Ant 1	1.96	11	Pass
NVNT	802.11n(HT40)	5230	Ant 1	2.735	11	Pass

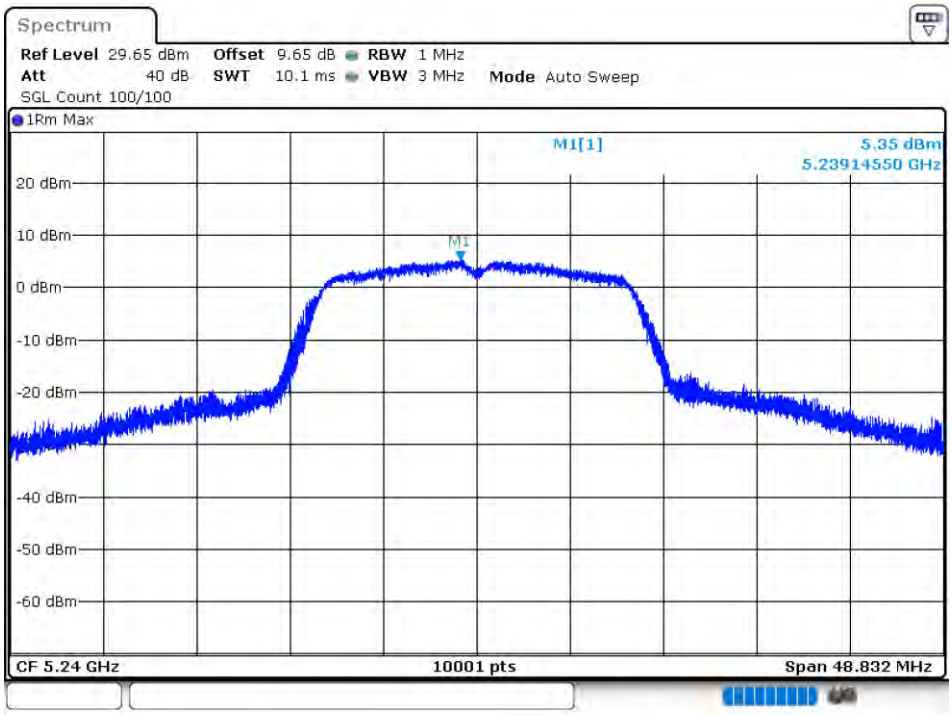
PSD NVNT 802.11a 5180MHz Ant1



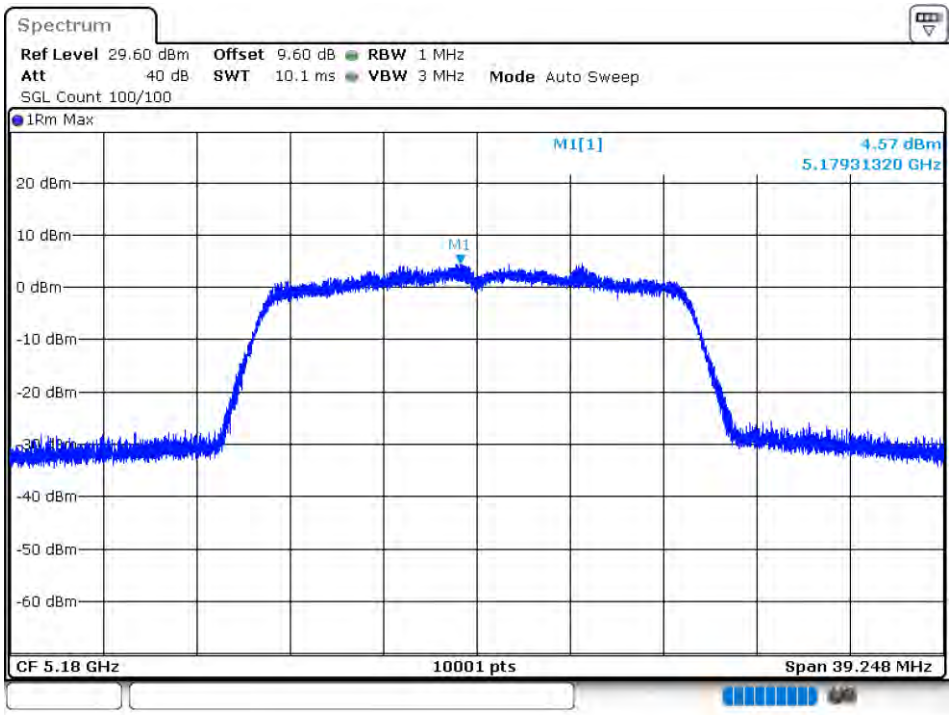
PSD NVNT 802.11a 5200MHz Ant1



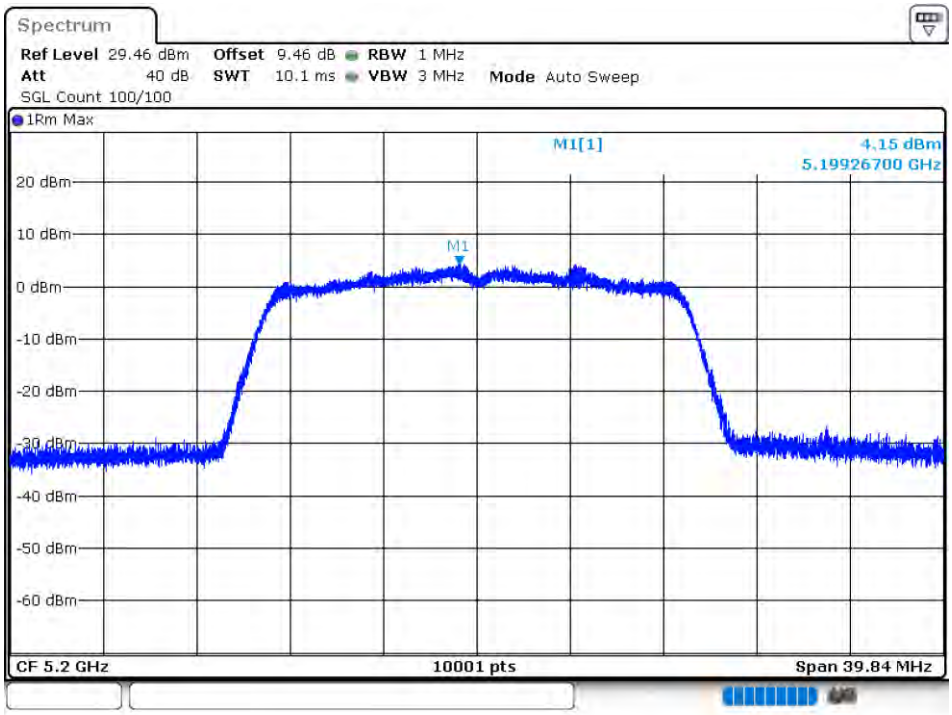
PSD NVNT 802.11a 5240MHz Ant1



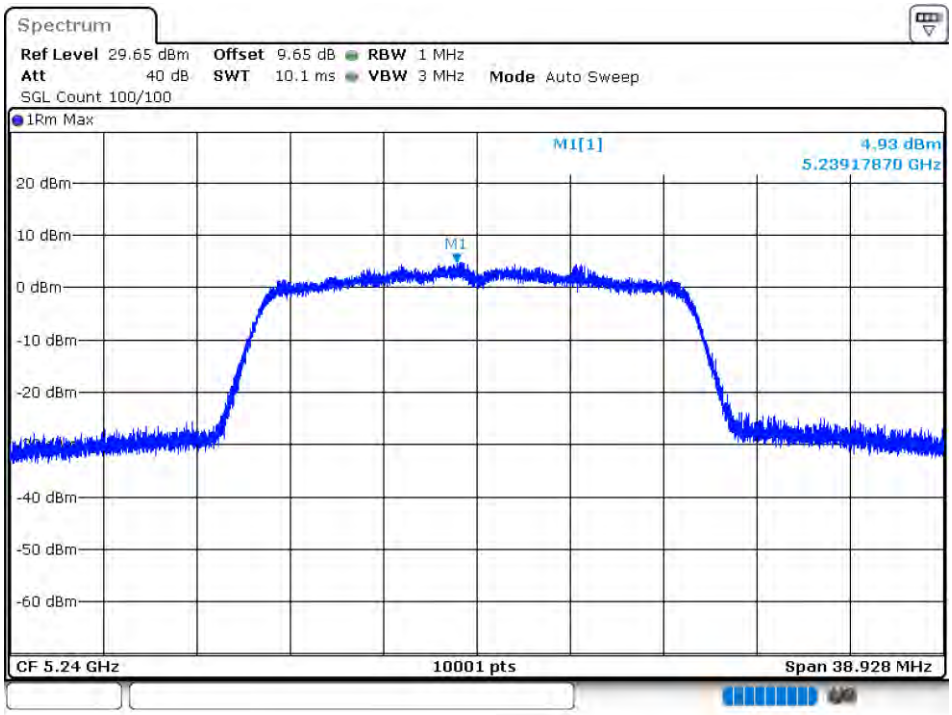
PSD NVNT 802.11ac20 5180MHz Ant1



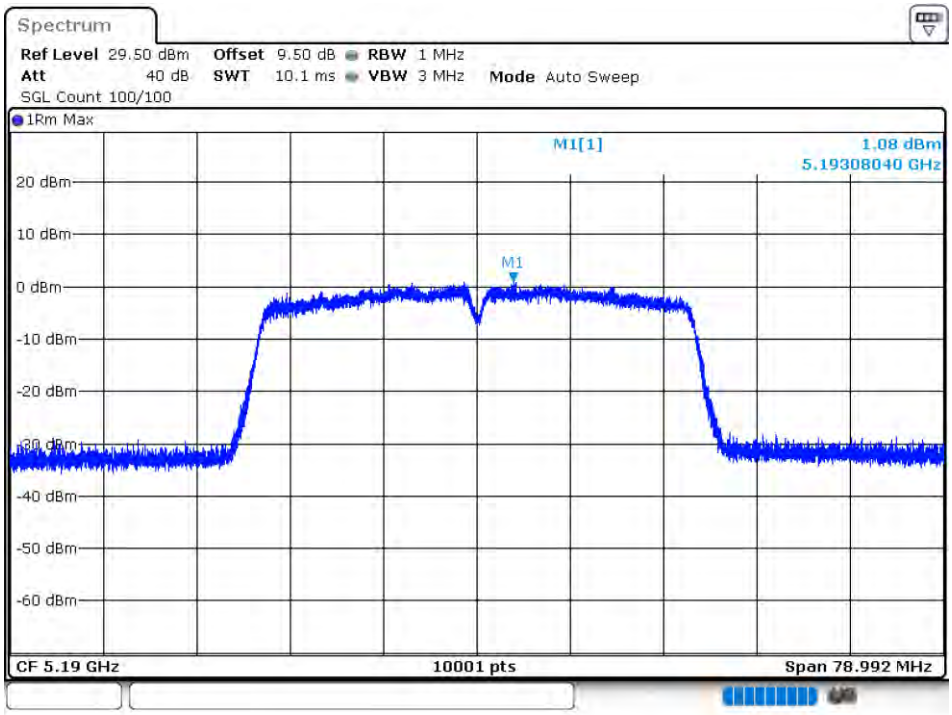
PSD NVNT 802.11ac20 5200MHz Ant1



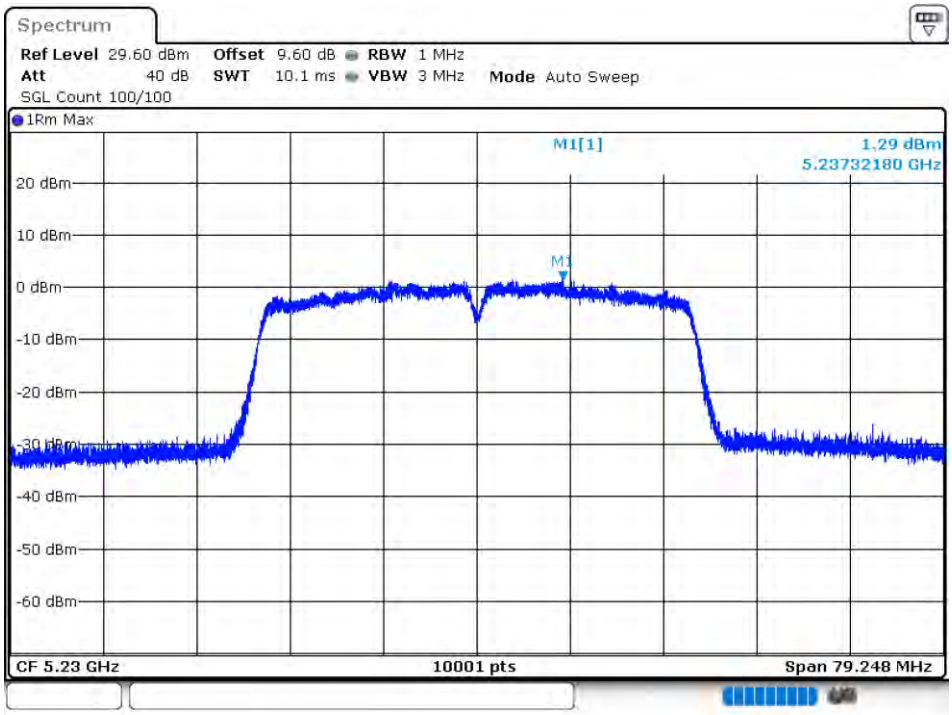
PSD NVNT 802.11ac20 5240MHz Ant1



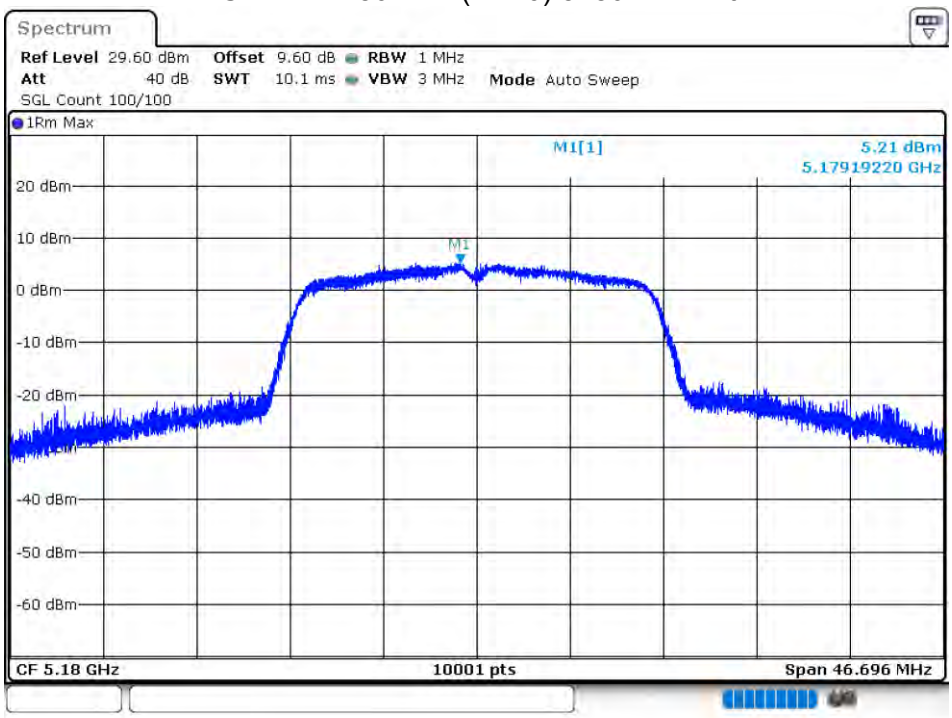
PSD NVNT 802.11ac40 5190MHz Ant1



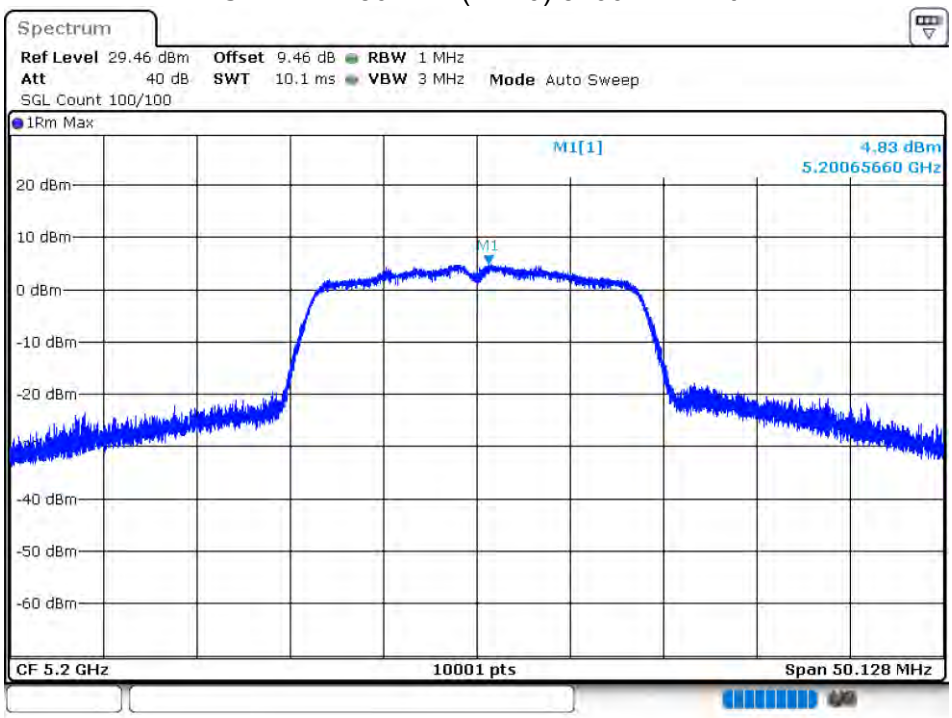
PSD NVNT 802.11ac40 5230MHz Ant1



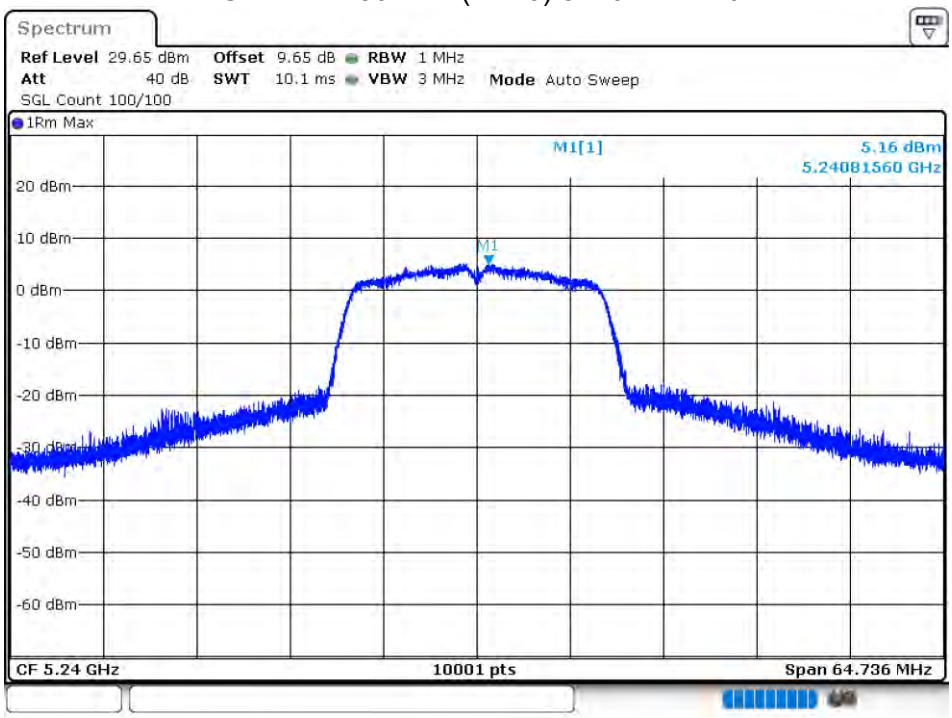
PSD NVNT 802.11n(HT20) 5180MHz Ant1



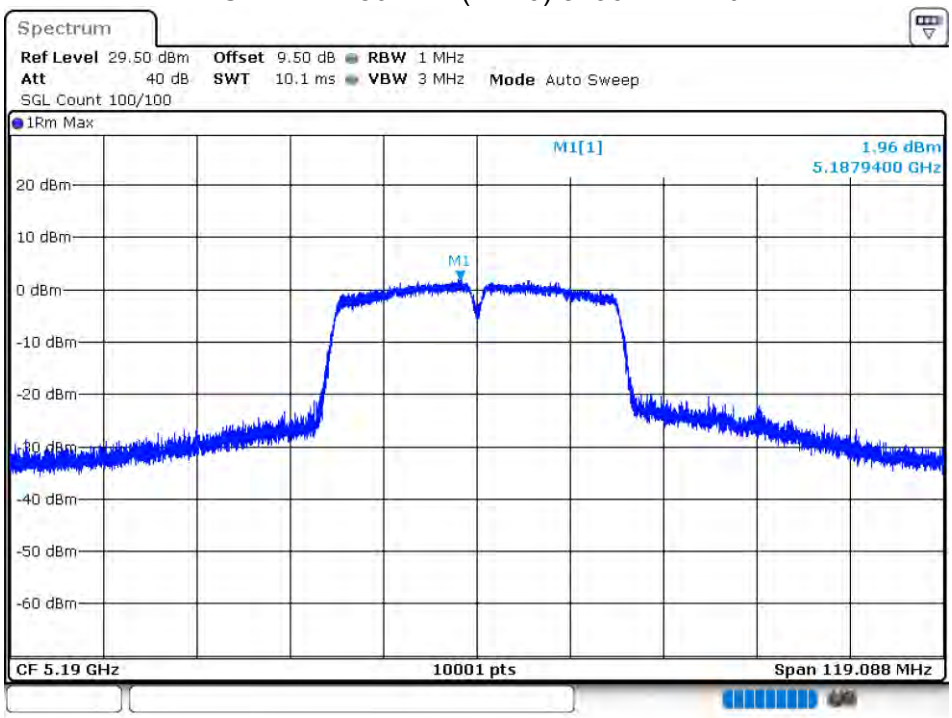
PSD NVNT 802.11n(HT20) 5200MHz Ant1



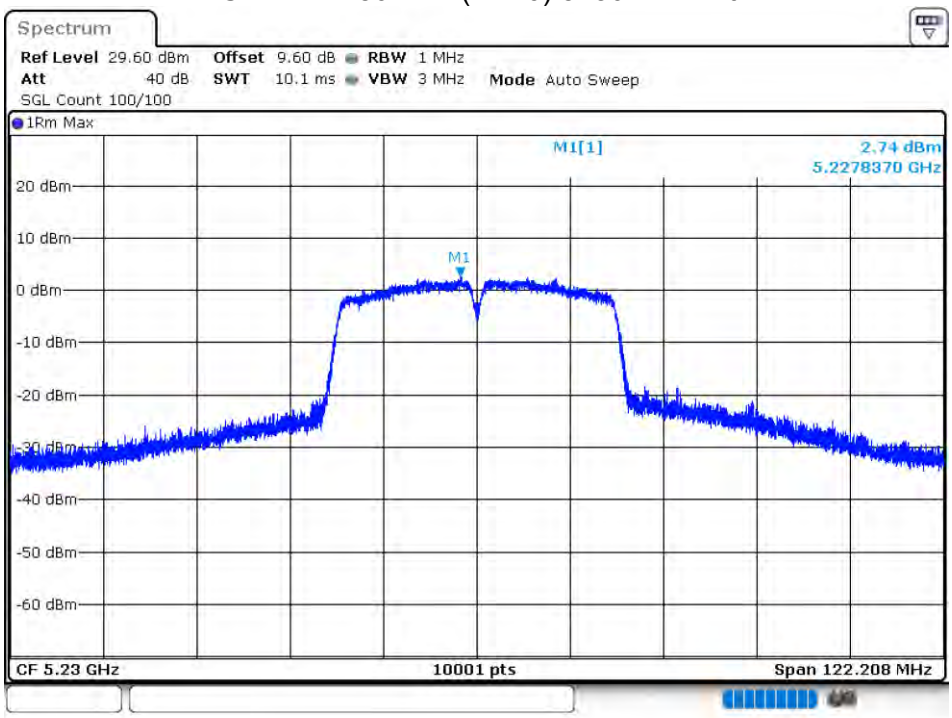
PSD NVNT 802.11n(HT20) 5240MHz Ant1



PSD NVNT 802.11n(HT40) 5190MHz Ant1

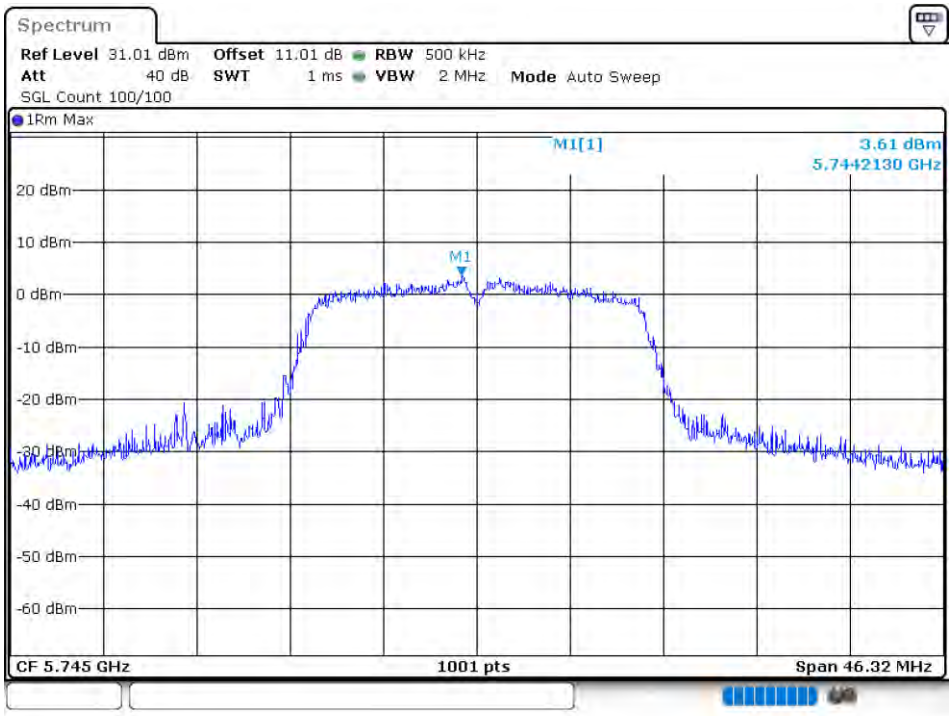


PSD NVNT 802.11n(HT40) 5230MHz Ant1

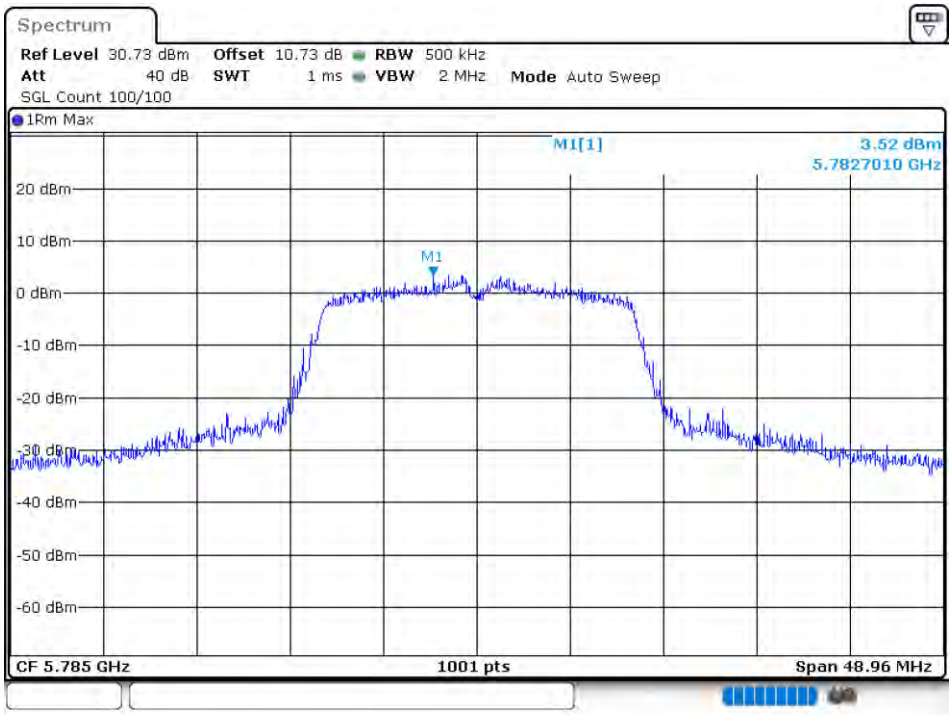


Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	3.612	30	Pass
NVNT	802.11a	5785	Ant 1	3.519	30	Pass
NVNT	802.11a	5825	Ant 1	4.313	30	Pass
NVNT	802.11ac20	5745	Ant 1	2.647	30	Pass
NVNT	802.11ac20	5785	Ant 1	2.257	30	Pass
NVNT	802.11ac20	5825	Ant 1	2.841	30	Pass
NVNT	802.11ac40	5755	Ant 1	-0.892	30	Pass
NVNT	802.11ac40	5795	Ant 1	-0.88	30	Pass
NVNT	802.11n(HT20)	5745	Ant 1	4.609	30	Pass
NVNT	802.11n(HT20)	5785	Ant 1	3.159	30	Pass
NVNT	802.11n(HT20)	5825	Ant 1	5.039	30	Pass
NVNT	802.11n(HT40)	5755	Ant 1	0.127	30	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-0.091	30	Pass

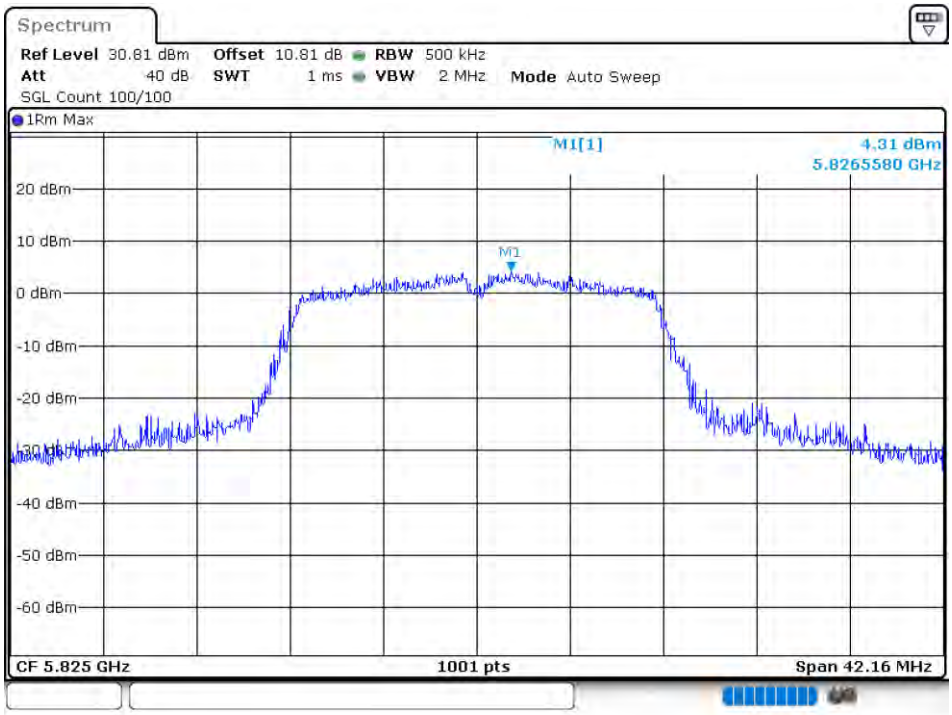
PSD NVNT 802.11a 5745MHz Ant1



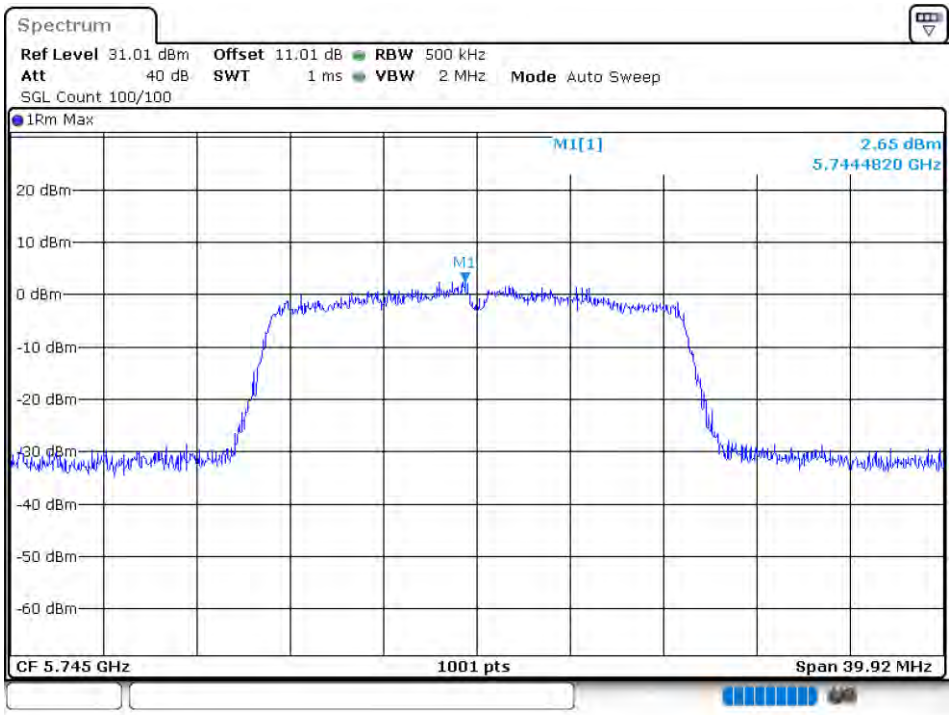
PSD NVNT 802.11a 5785MHz Ant1



PSD NVNT 802.11a 5825MHz Ant1

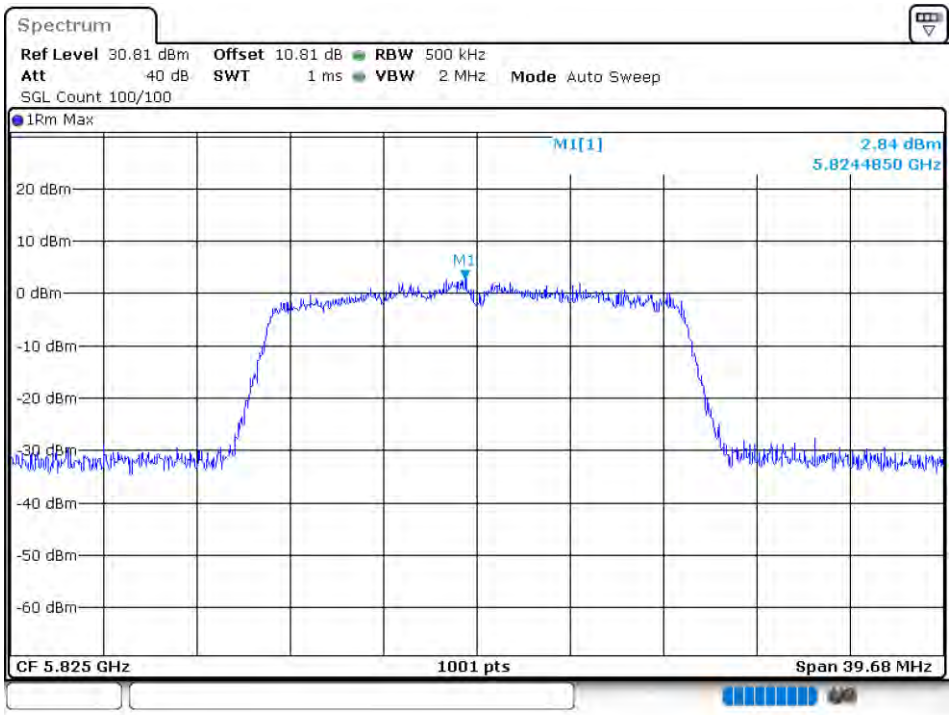


PSD NVNT 802.11ac20 5745MHz Ant1

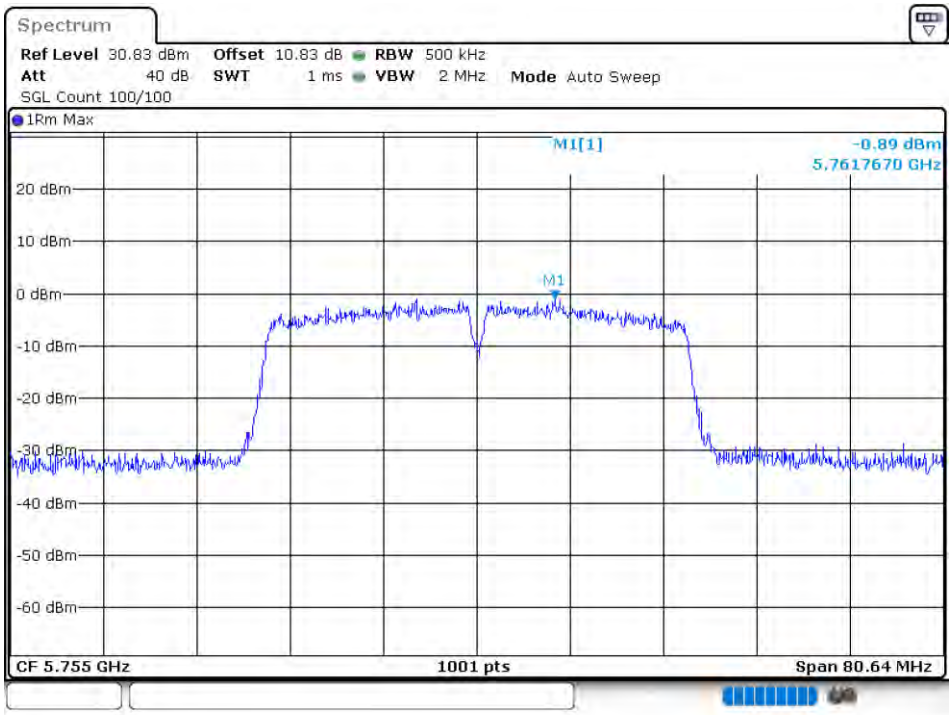


PSD NVNT 802.11ac20 5785MHz Ant1

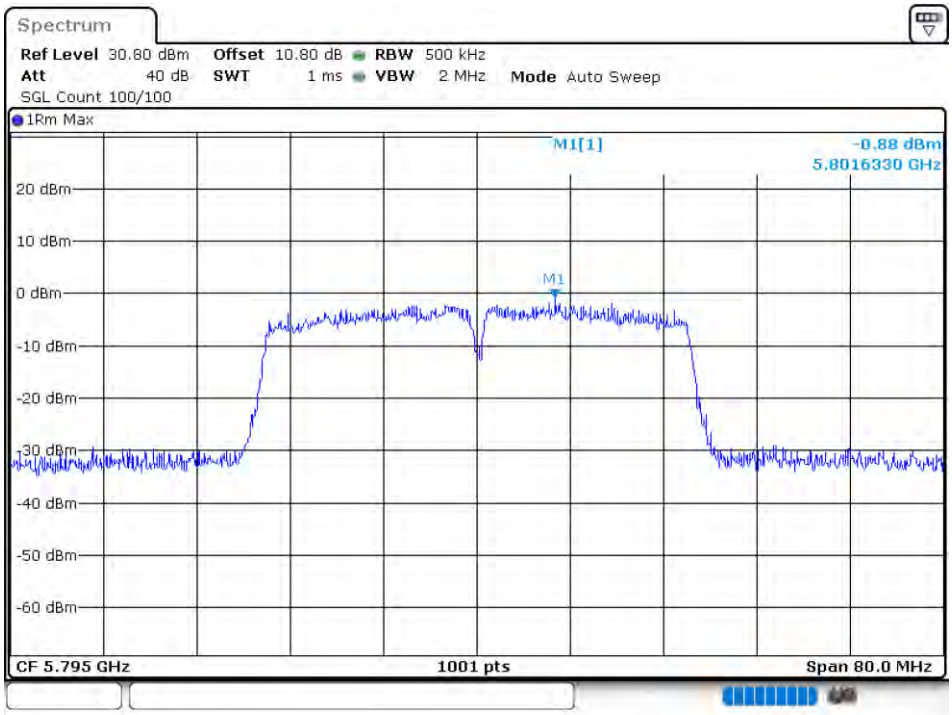
PSD NVNT 802.11ac20 5825MHz Ant1



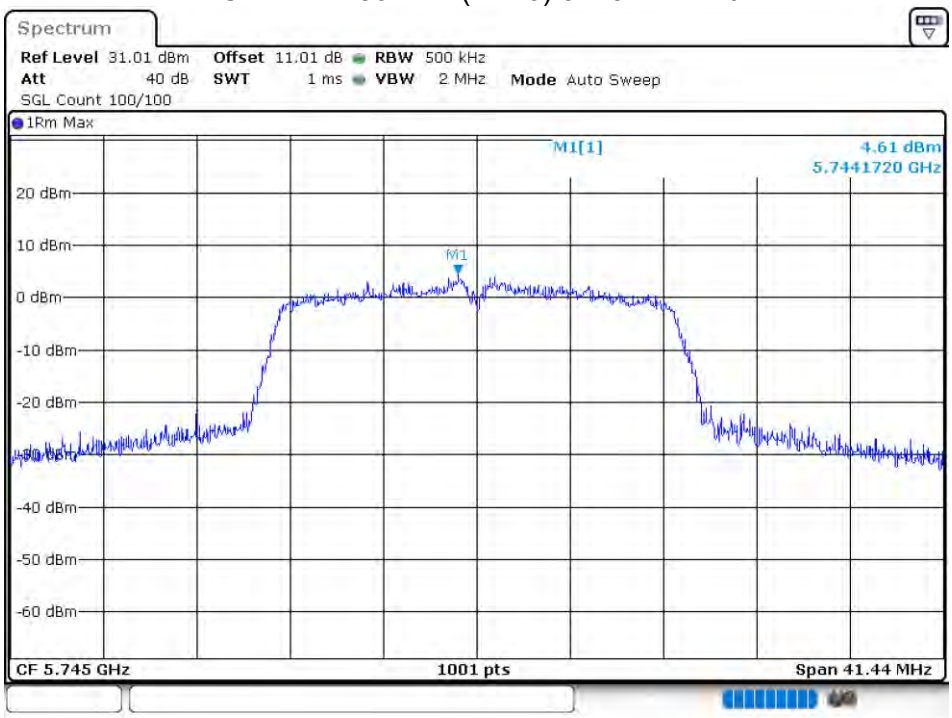
PSD NVNT 802.11ac40 5755MHz Ant1



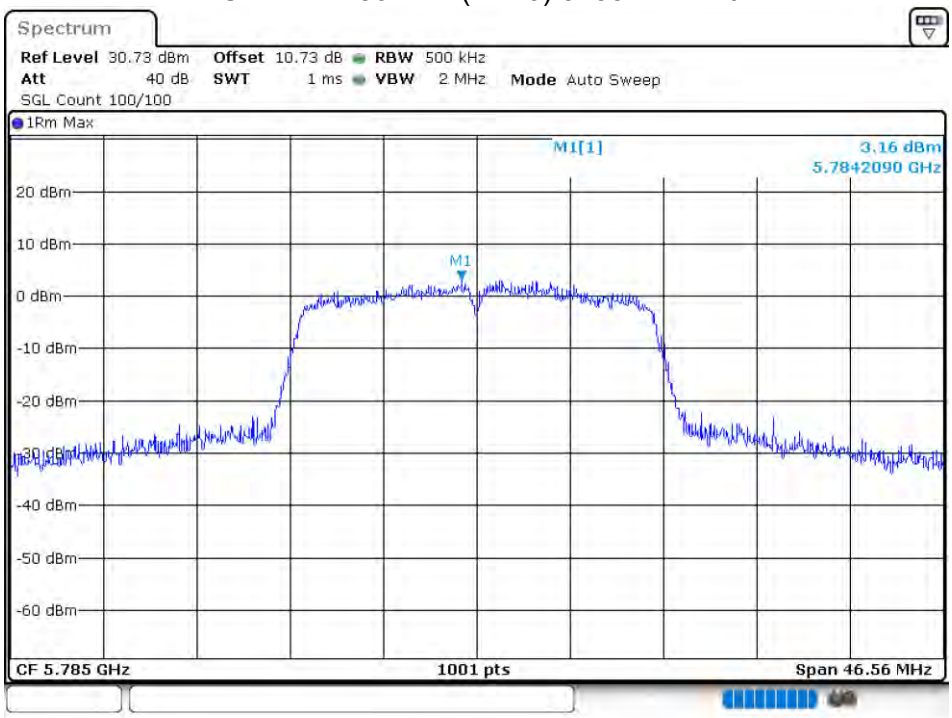
PSD NVNT 802.11ac40 5795MHz Ant1



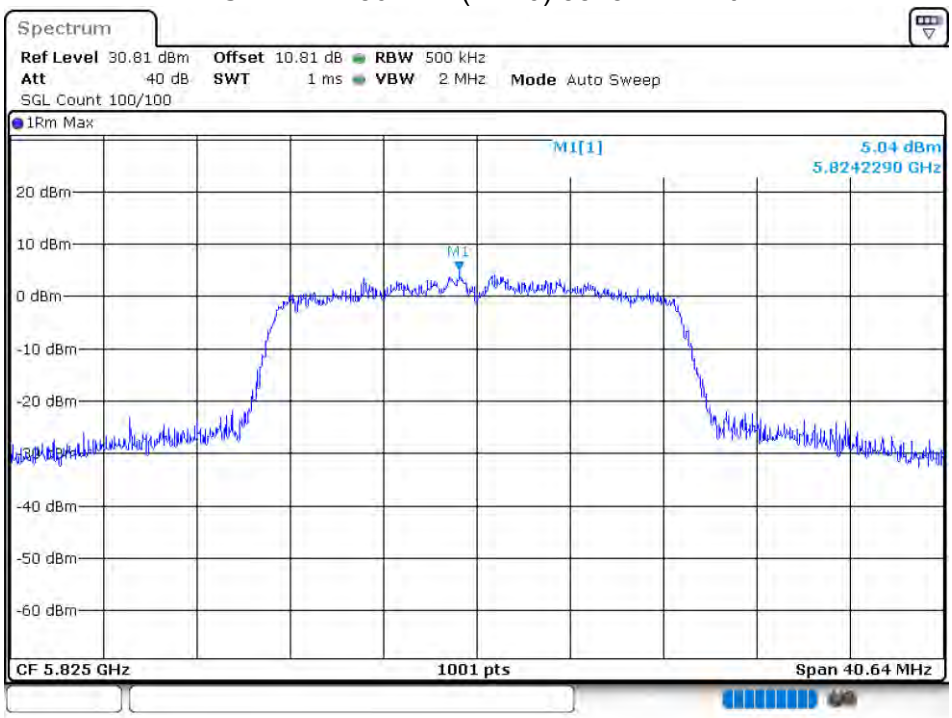
PSD NVNT 802.11n(HT20) 5745MHz Ant1



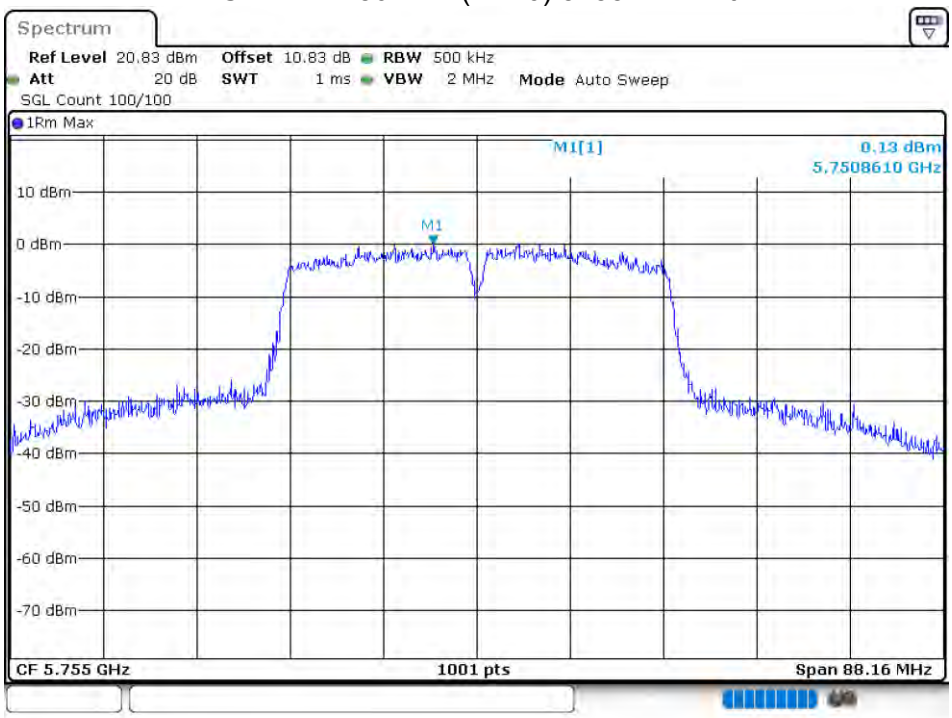
PSD NVNT 802.11n(HT20) 5785MHz Ant1



PSD NVNT 802.11n(HT20) 5825MHz Ant1



PSD NVNT 802.11n(HT40) 5755MHz Ant1

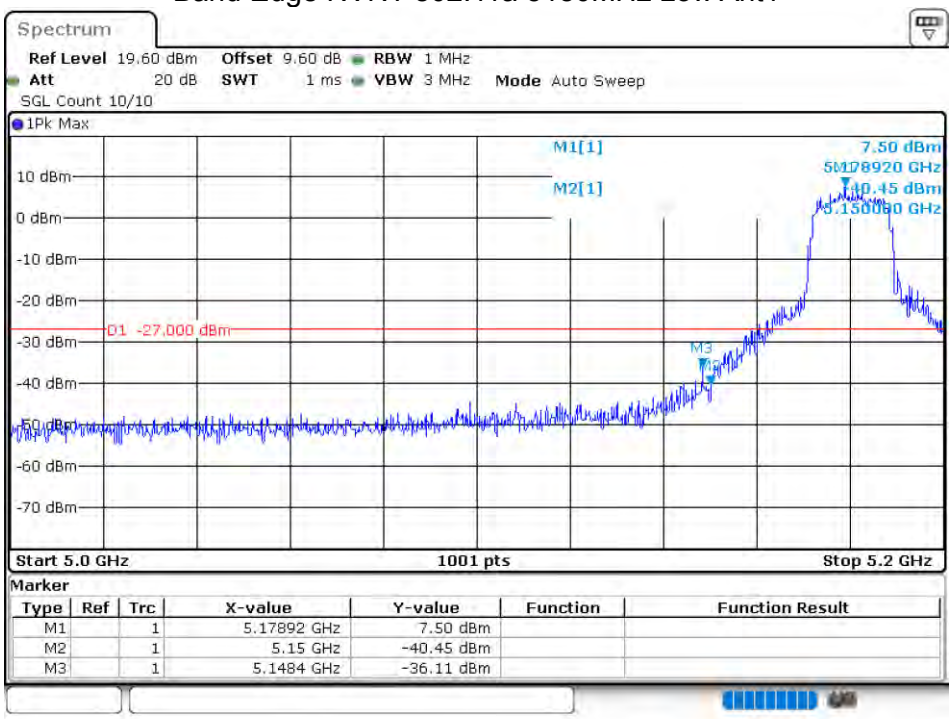


PSD NVNT 802.11n(HT40) 5795MHz Ant1

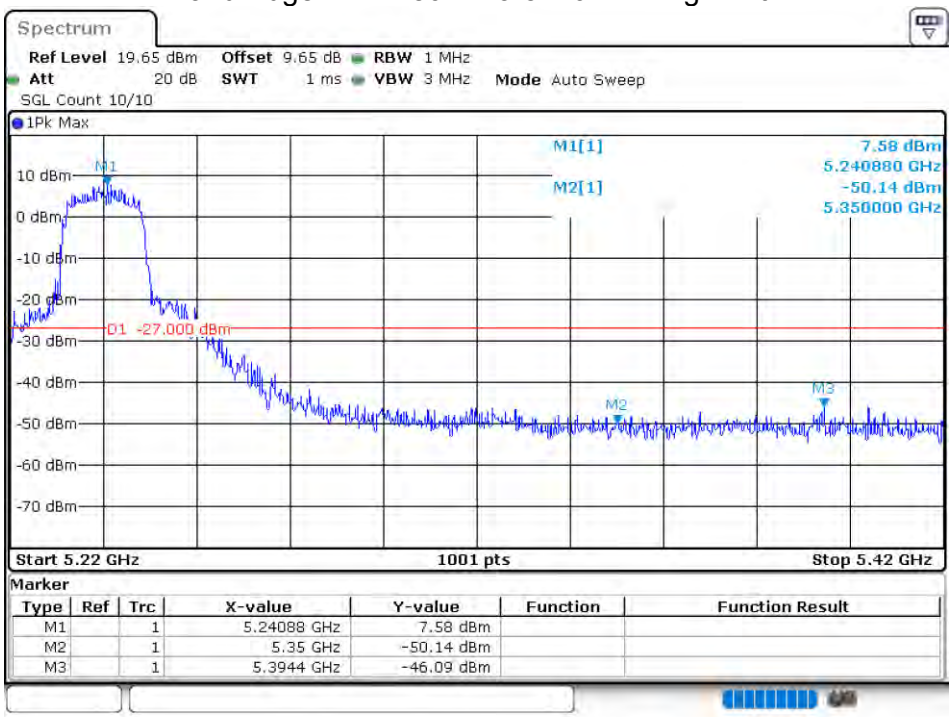
5.6 BAND EDGE

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5180	Ant 1	-36.11	-27	Pass
NVNT	802.11a	5240	Ant 1	-46.09	-27	Pass
NVNT	802.11ac20	5180	Ant 1	-42.47	-27	Pass
NVNT	802.11ac20	5240	Ant 1	-47.28	-27	Pass
NVNT	802.11ac40	5190	Ant 1	-41.3	-27	Pass
NVNT	802.11ac40	5230	Ant 1	-47.54	-27	Pass
NVNT	802.11n(HT20)	5180	Ant 1	-37.59	-27	Pass
NVNT	802.11n(HT20)	5240	Ant 1	-46.84	-27	Pass
NVNT	802.11n(HT40)	5190	Ant 1	-32.13	-27	Pass
NVNT	802.11n(HT40)	5230	Ant 1	-47.31	-27	Pass

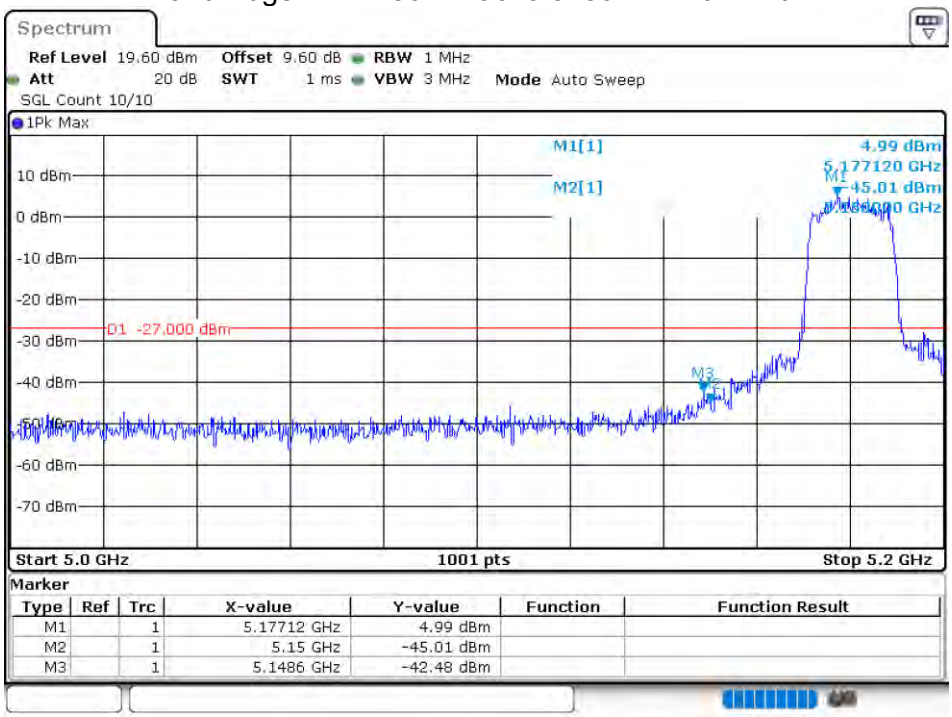
Band Edge NVNT 802.11a 5180MHz Low Ant1



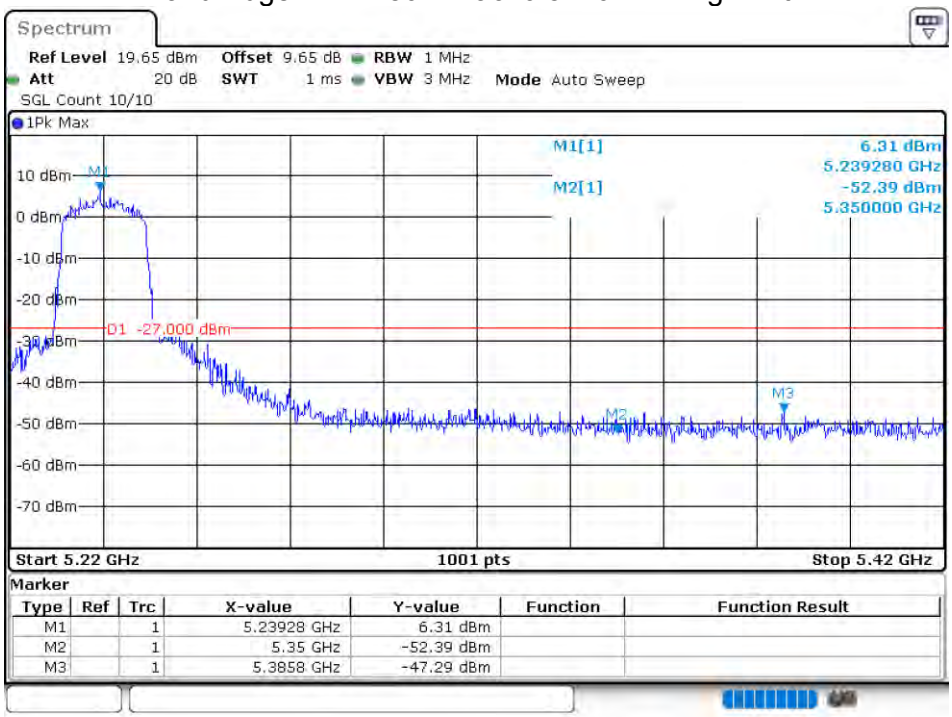
Band Edge NVNT 802.11a 5240MHz High Ant1



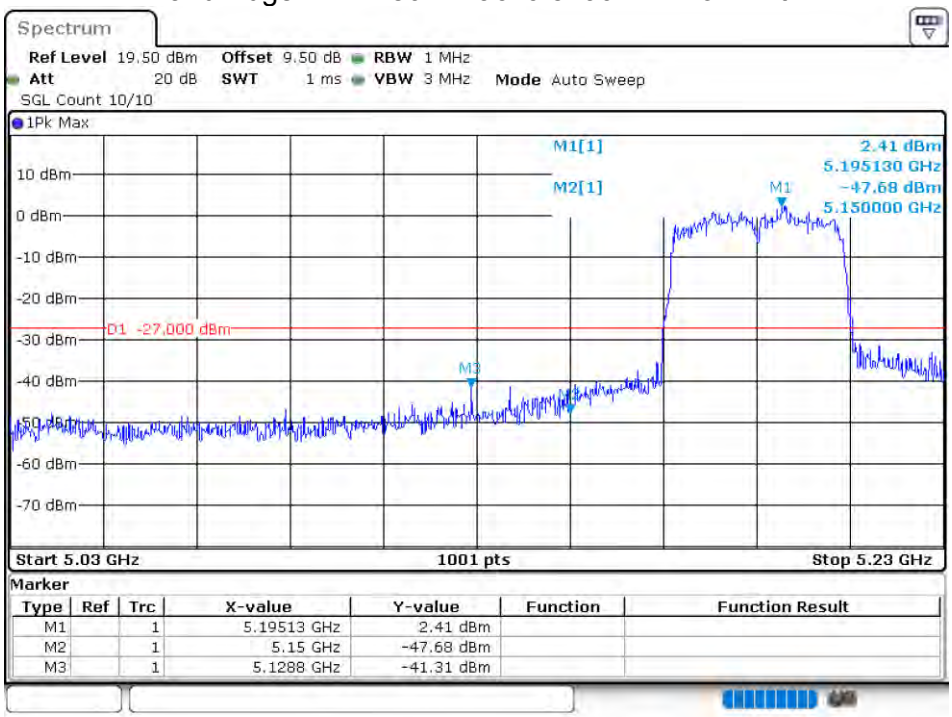
Band Edge NVNT 802.11ac20 5180MHz Low Ant1



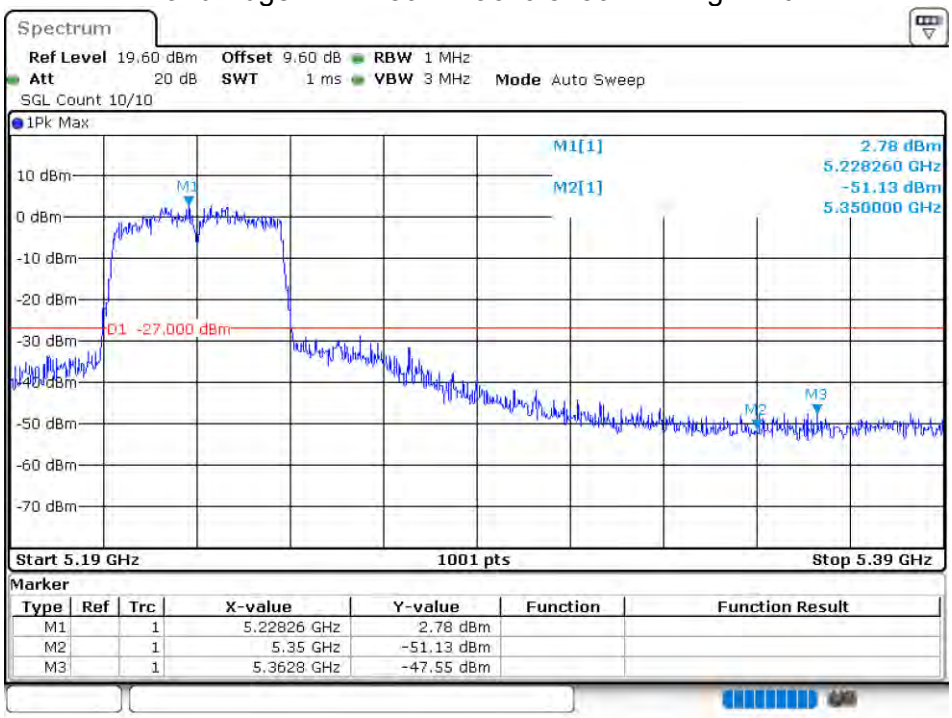
Band Edge NVNT 802.11ac20 5240MHz High Ant1



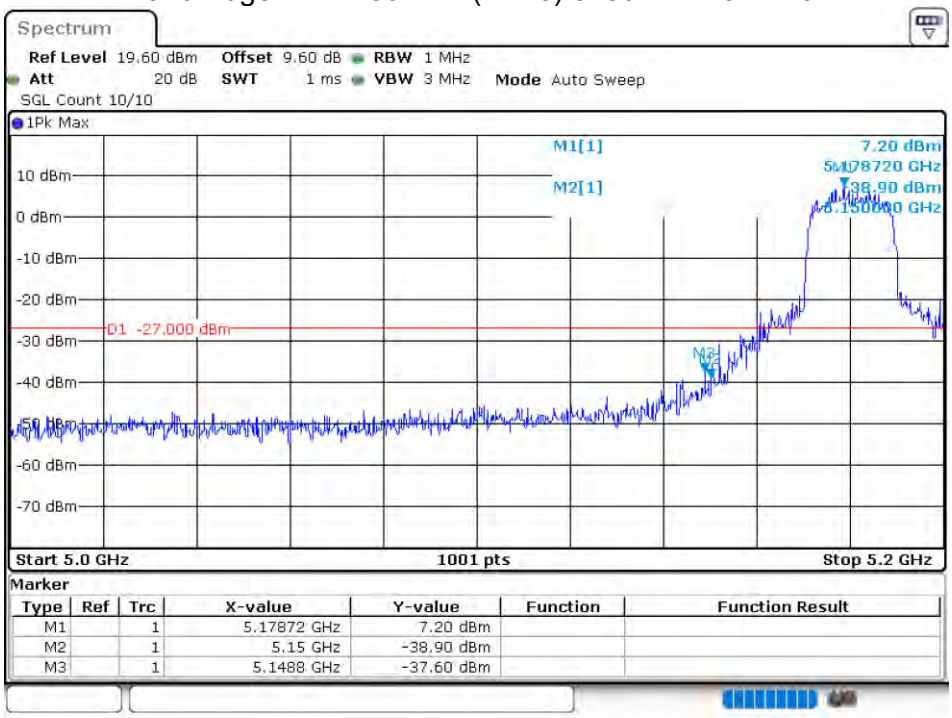
Band Edge NVNT 802.11ac40 5190MHz Low Ant1



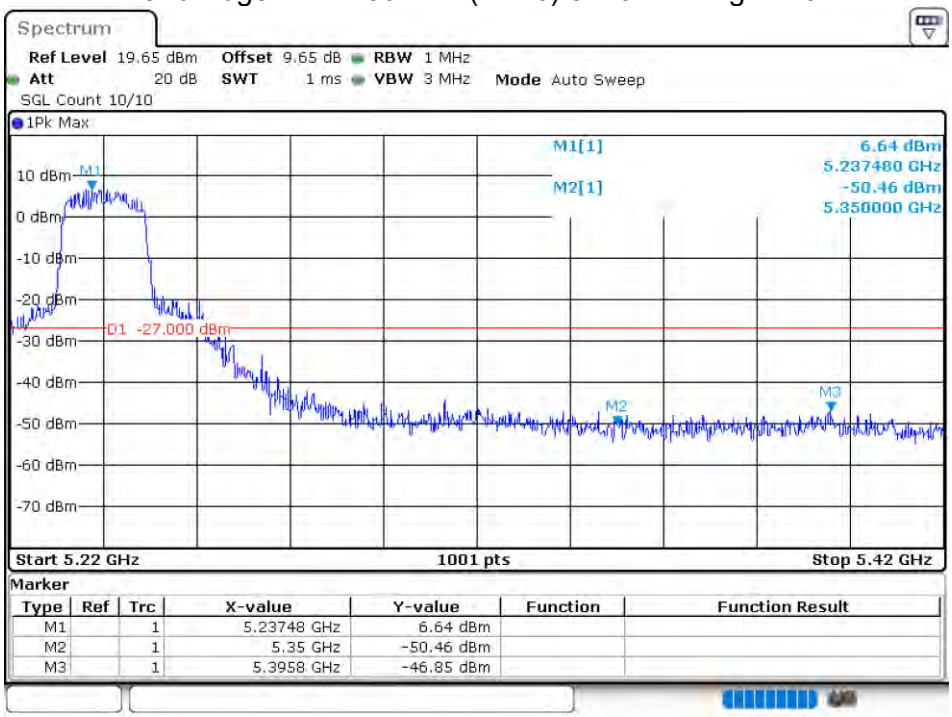
Band Edge NVNT 802.11ac40 5230MHz High Ant1



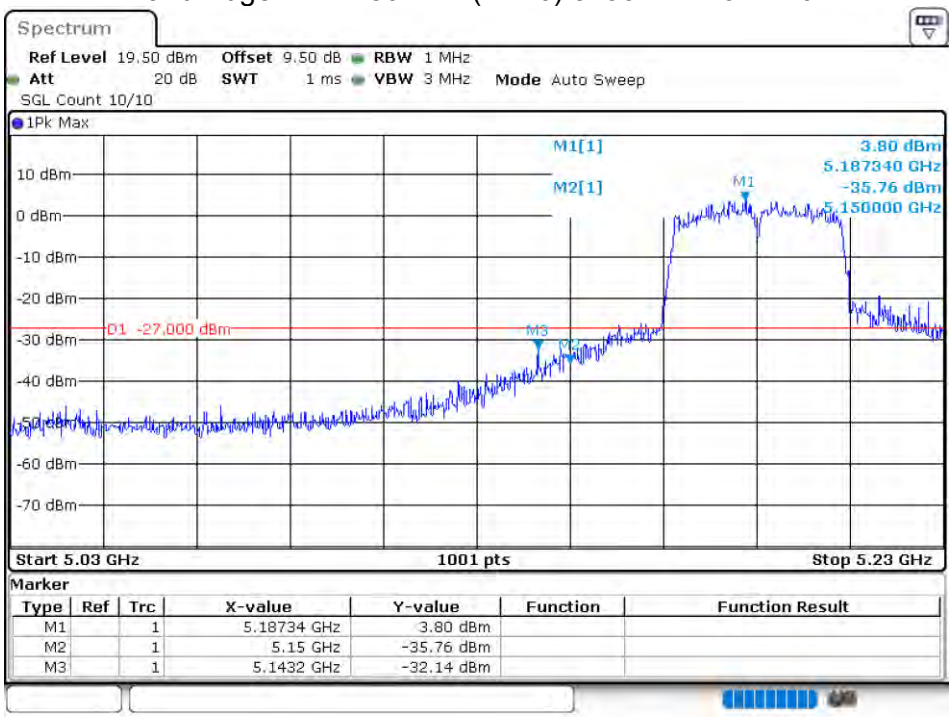
Band Edge NVNT 802.11n(HT20) 5180MHz Low Ant1



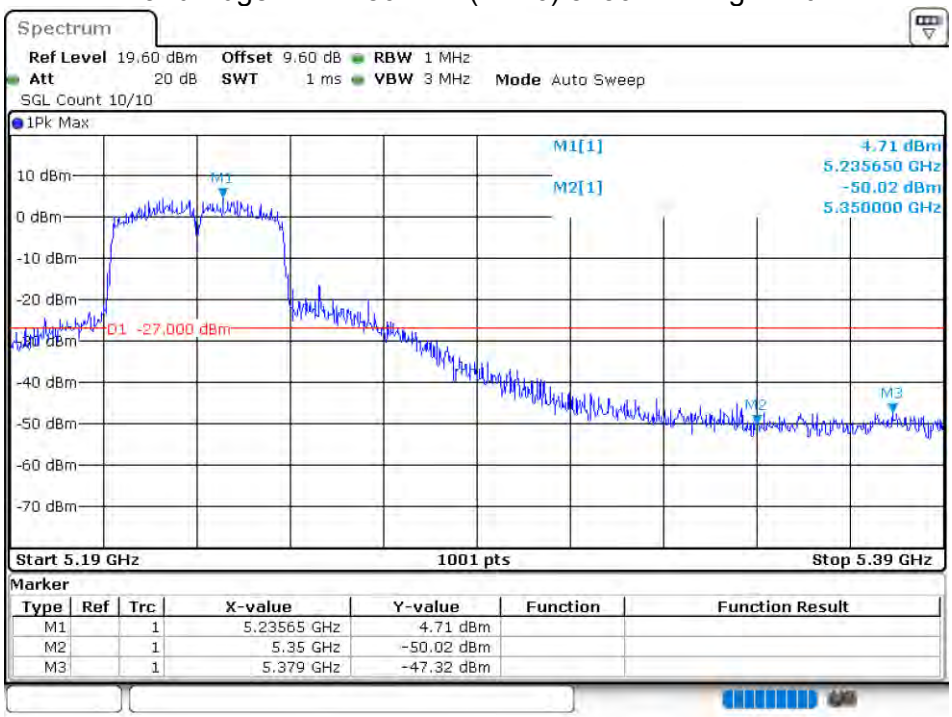
Band Edge NVNT 802.11n(HT20) 5240MHz High Ant1



Band Edge NVNT 802.11n(HT40) 5190MHz Low Ant1

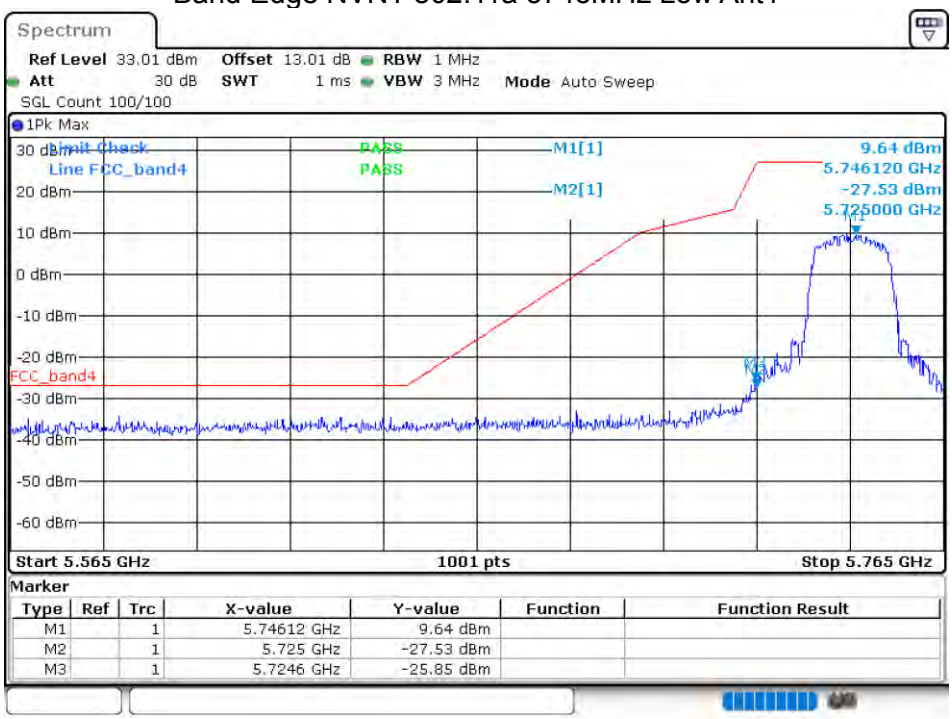


Band Edge NVNT 802.11n(HT40) 5230MHz High Ant1

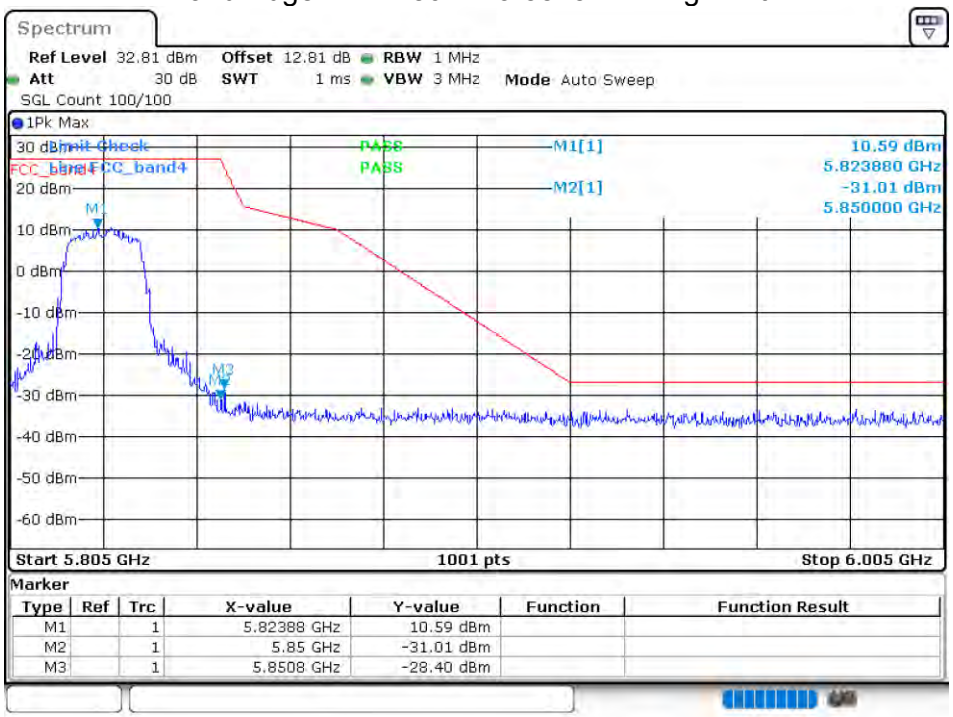


Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	-25.84	Pass
NVNT	802.11a	5825	Ant 1	-28.4	Pass
NVNT	802.11ac20	5745	Ant 1	-29.96	Pass
NVNT	802.11ac20	5825	Ant 1	-32.34	Pass
NVNT	802.11ac40	5755	Ant 1	-27.67	Pass
NVNT	802.11ac40	5795	Ant 1	-32.75	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-21.13	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-30.98	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-20.8	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-31.31	Pass

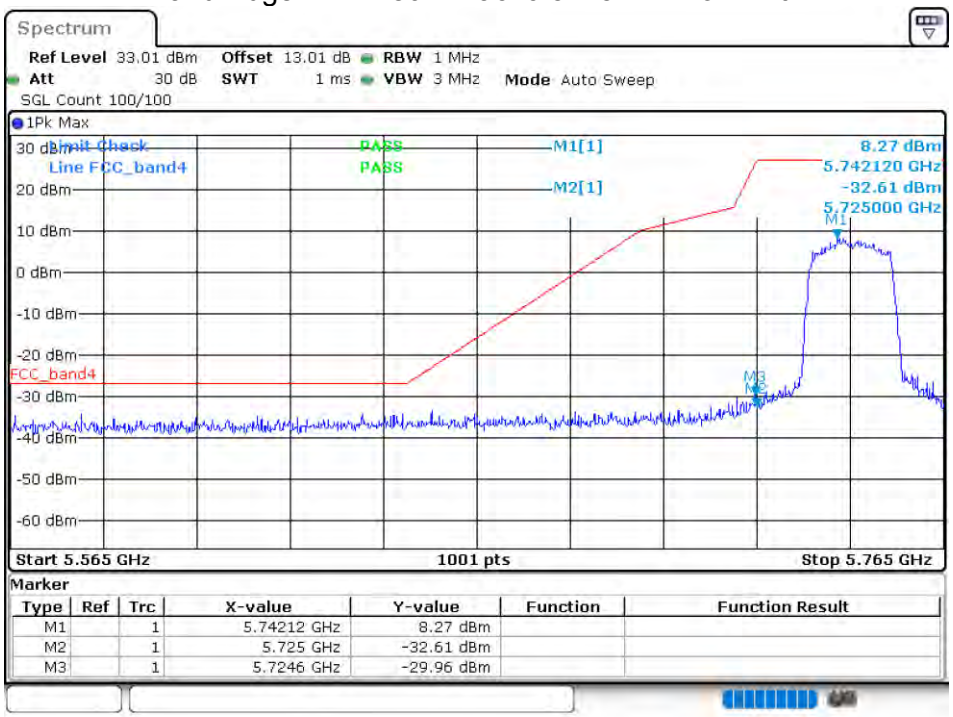
Band Edge NVNT 802.11a 5745MHz Low Ant1



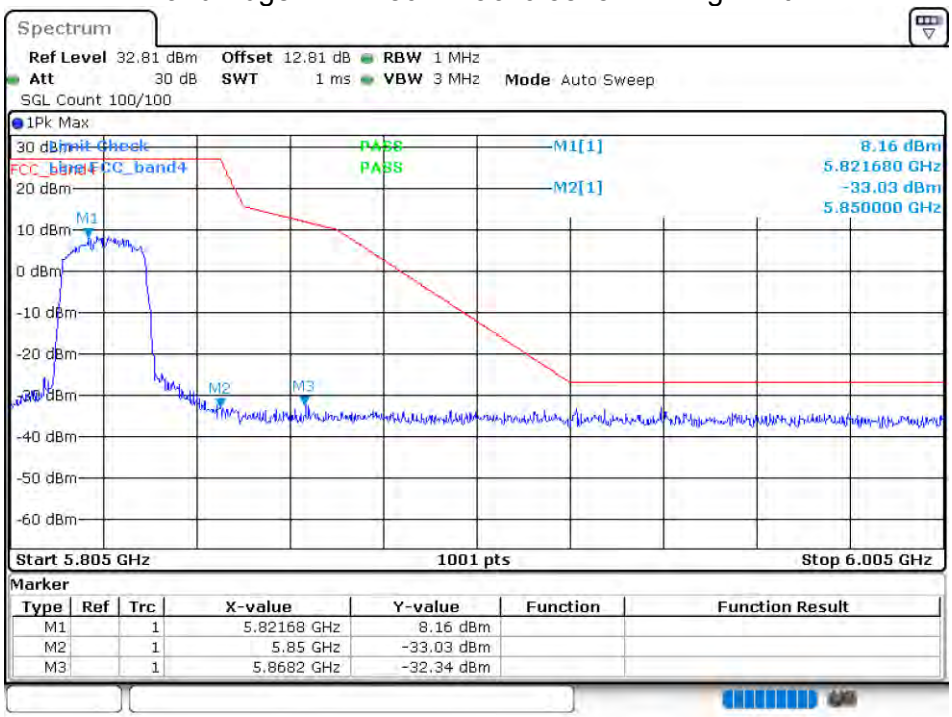
Band Edge NVNT 802.11a 5825MHz High Ant1



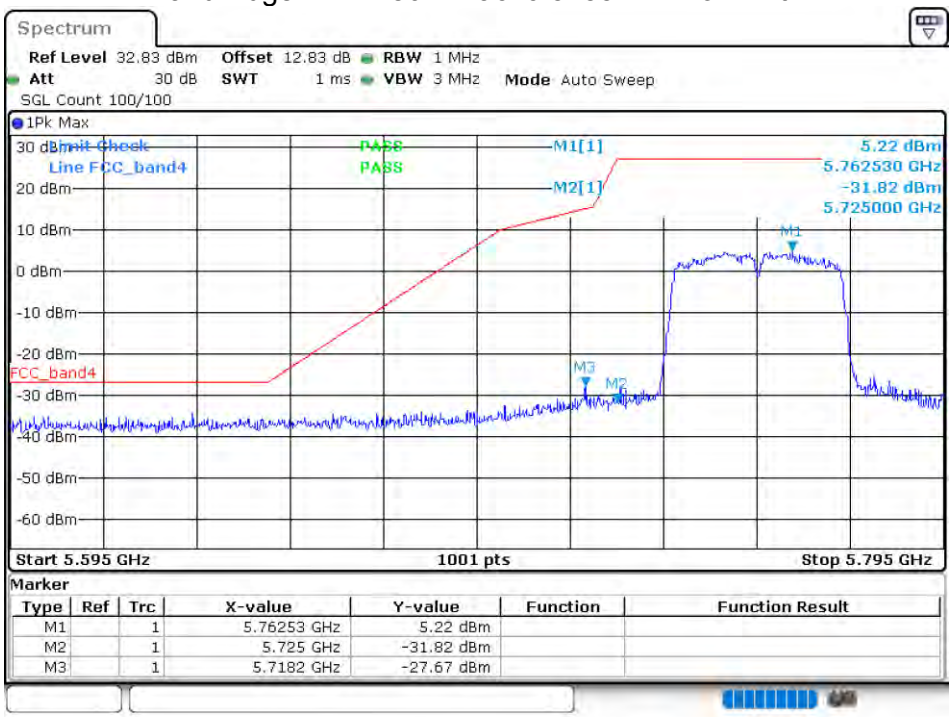
Band Edge NVNT 802.11ac20 5745MHz Low Ant1



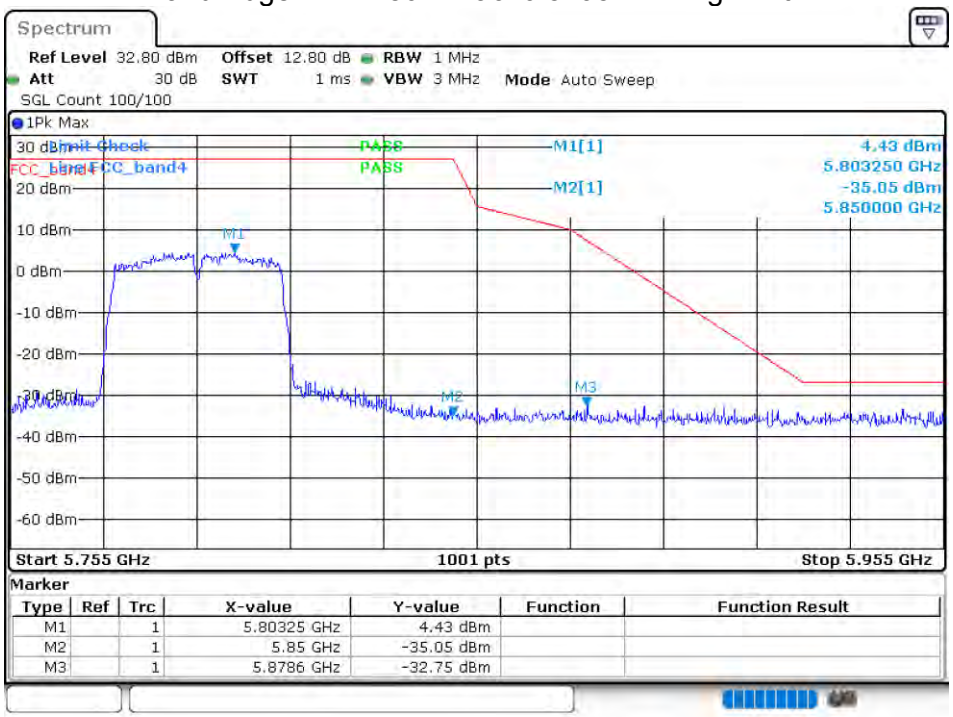
Band Edge NVNT 802.11ac20 5825MHz High Ant1



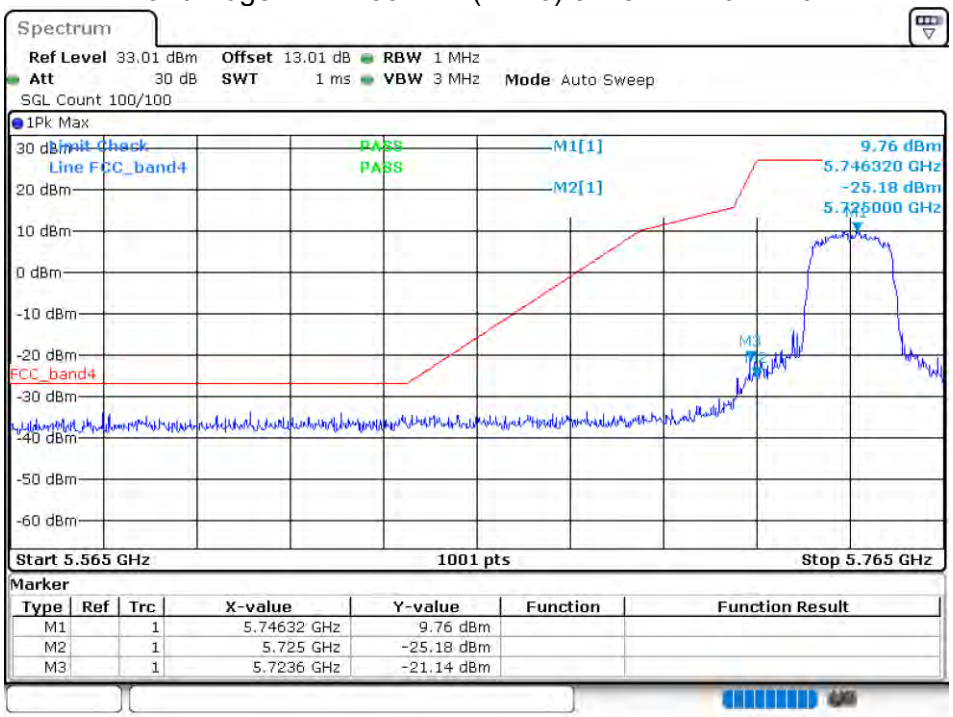
Band Edge NVNT 802.11ac40 5755MHz Low Ant1



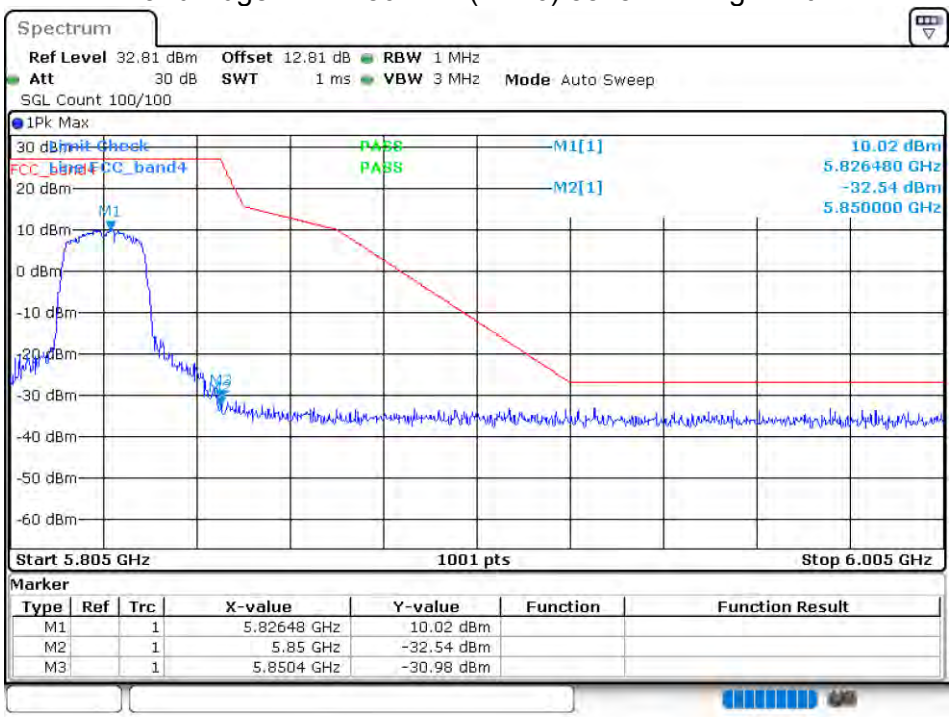
Band Edge NVNT 802.11ac40 5795MHz High Ant1



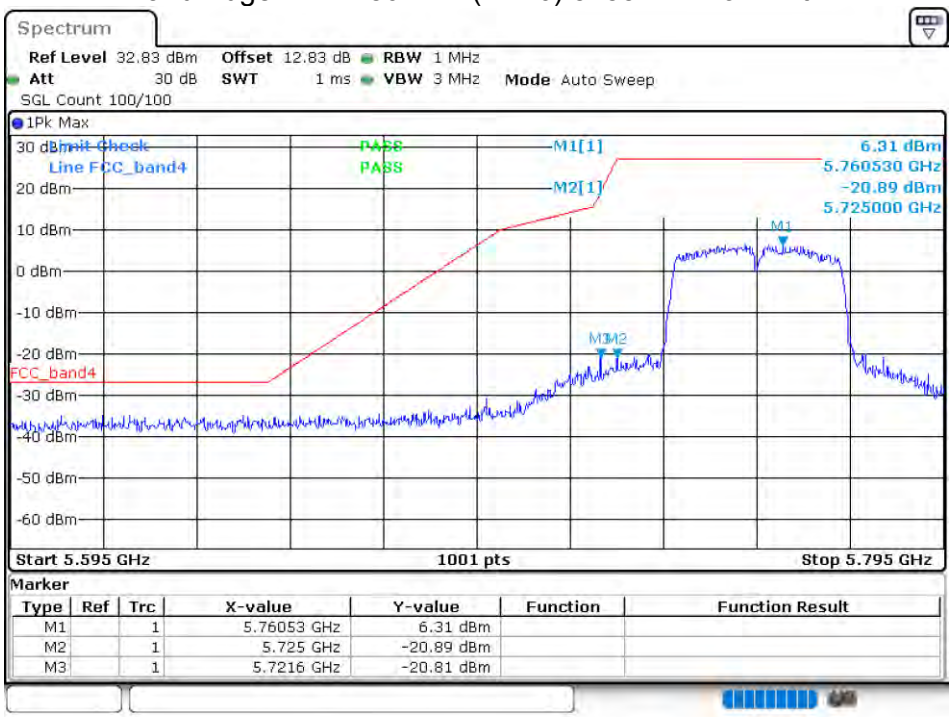
Band Edge NVNT 802.11n(HT20) 5745MHz Low Ant1



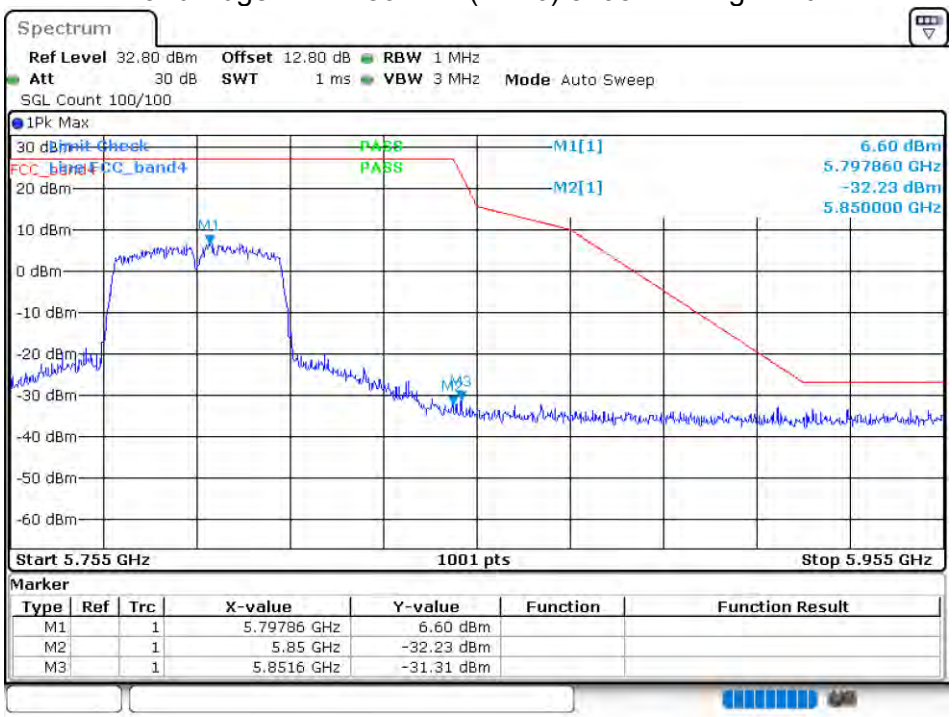
Band Edge NVNT 802.11n(HT20) 5825MHz High Ant1



Band Edge NVNT 802.11n(HT40) 5755MHz Low Ant1



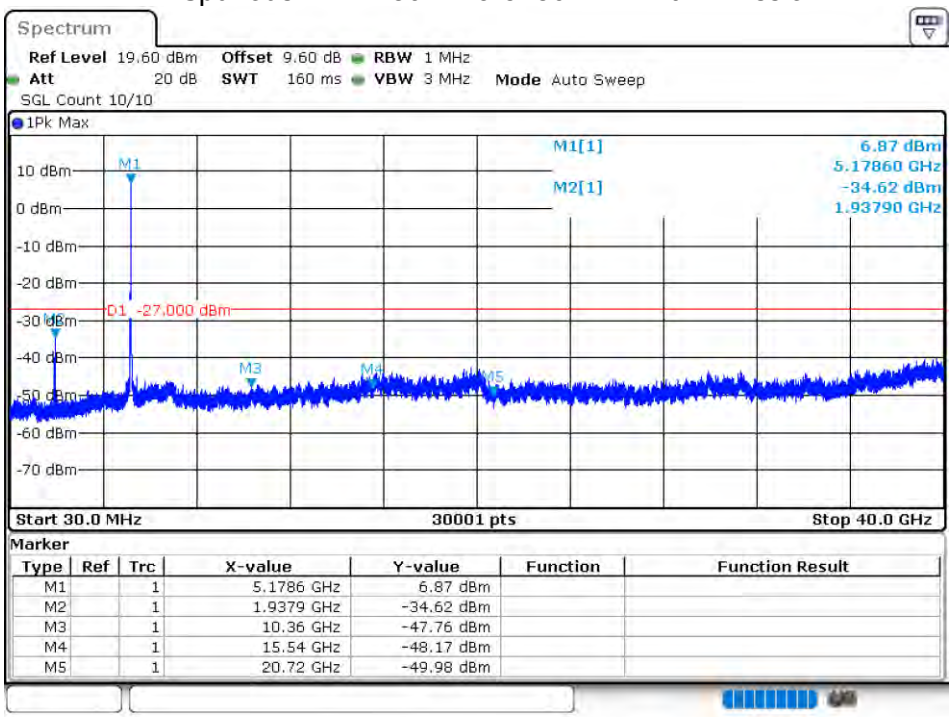
Band Edge NVNT 802.11n(HT40) 5795MHz High Ant1



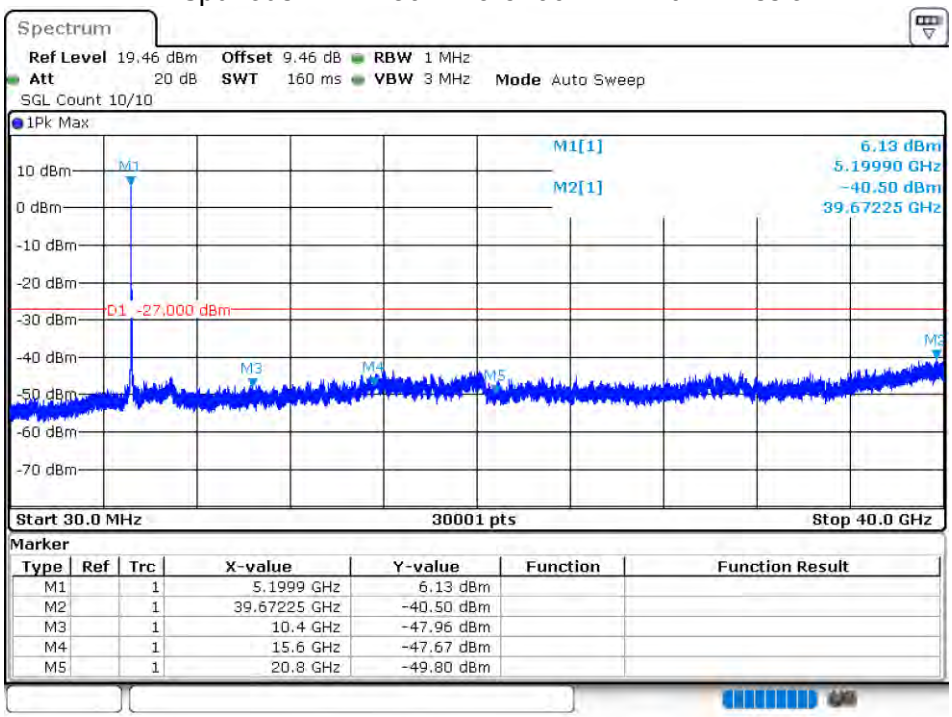
5.7 CONDUCTED RF SPURIOUS EMISSION

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11a	5180	Ant 1	-34.61	-27	Pass
NVNT	802.11a	5200	Ant 1	-40.49	-27	Pass
NVNT	802.11a	5240	Ant 1	-32	-27	Pass
NVNT	802.11ac20	5180	Ant 1	-40.37	-27	Pass
NVNT	802.11ac20	5200	Ant 1	-40.7	-27	Pass
NVNT	802.11ac20	5240	Ant 1	-39.63	-27	Pass
NVNT	802.11ac40	5190	Ant 1	-40.09	-27	Pass
NVNT	802.11ac40	5230	Ant 1	-40.94	-27	Pass
NVNT	802.11n(HT20)	5180	Ant 1	-40.19	-27	Pass
NVNT	802.11n(HT20)	5200	Ant 1	-41.08	-27	Pass
NVNT	802.11n(HT20)	5240	Ant 1	-39.39	-27	Pass
NVNT	802.11n(HT40)	5190	Ant 1	-40.63	-27	Pass
NVNT	802.11n(HT40)	5230	Ant 1	-40.52	-27	Pass

Tx. Spurious NVNT 802.11a 5180MHz Ant1 Emission



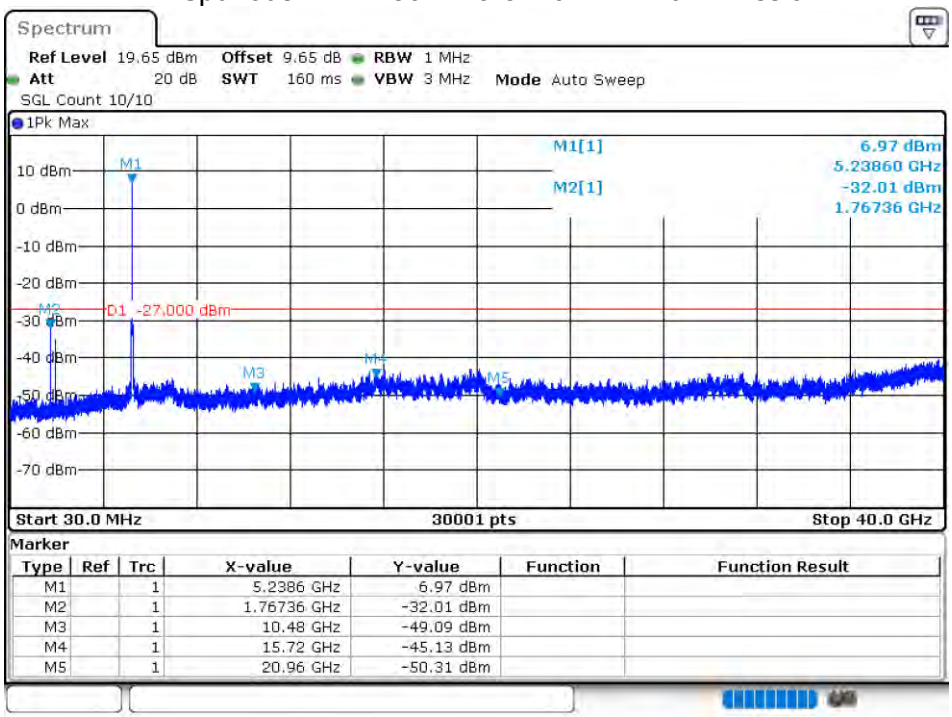
Tx. Spurious NVNT 802.11a 5200MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.1999 GHz	6.13 dBm		
M2		1	39.67225 GHz	-40.50 dBm		
M3		1	10.4 GHz	-47.96 dBm		
M4		1	15.6 GHz	-47.67 dBm		
M5		1	20.8 GHz	-49.80 dBm		

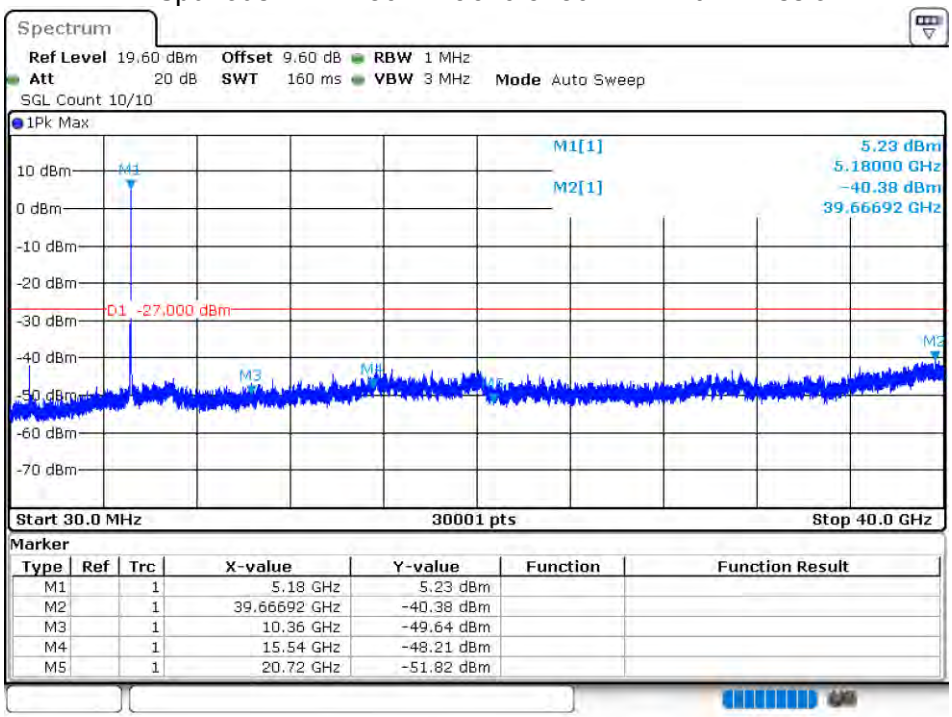
Tx. Spurious NVNT 802.11a 5240MHz Ant1 Emission



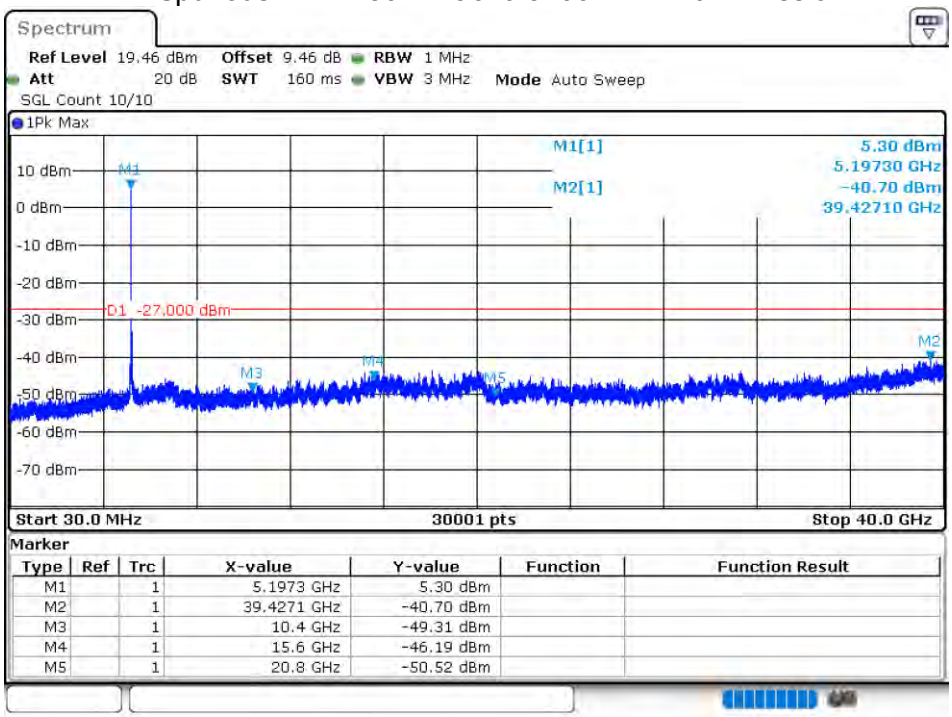
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2386 GHz	6.97 dBm		
M2		1	1.76736 GHz	-32.01 dBm		
M3		1	10.48 GHz	-49.09 dBm		
M4		1	15.72 GHz	-45.13 dBm		
M5		1	20.96 GHz	-50.31 dBm		

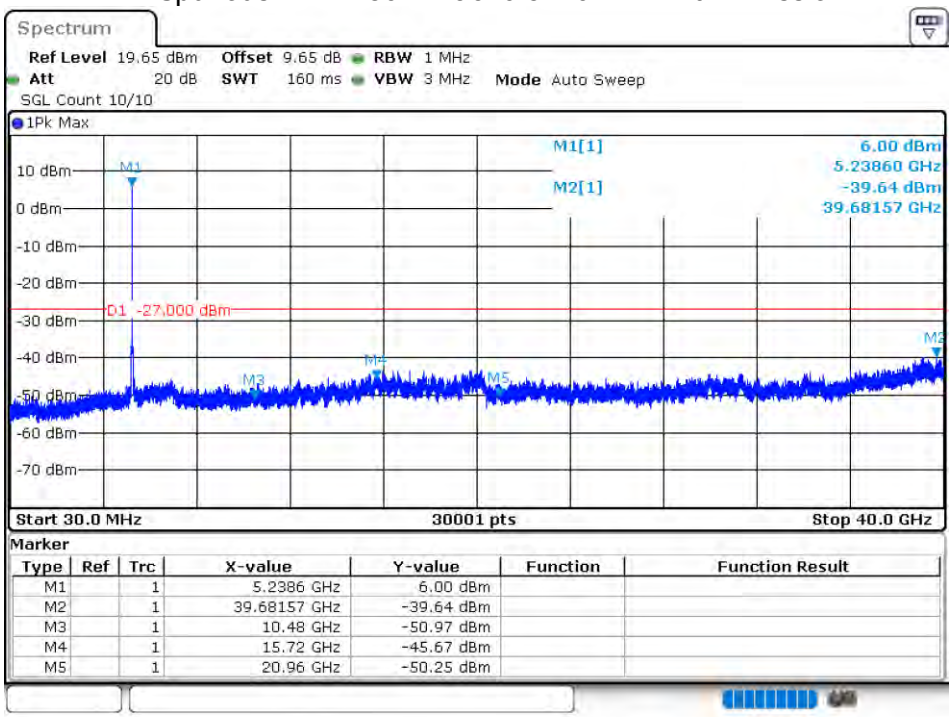
Tx. Spurious NVNT 802.11ac20 5180MHz Ant1 Emission



Tx. Spurious NVNT 802.11ac20 5200MHz Ant1 Emission



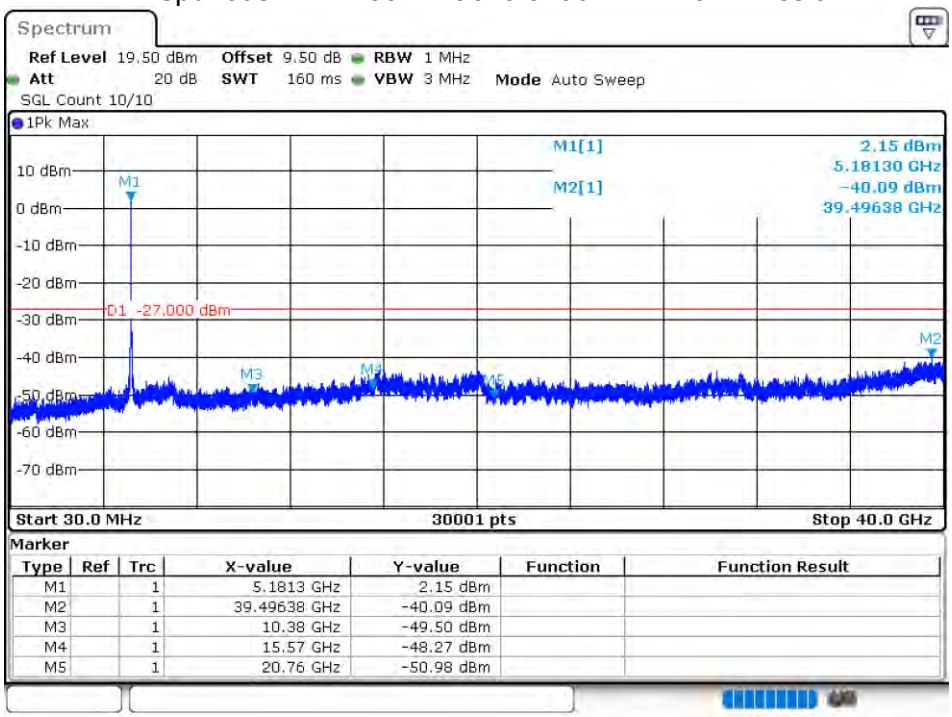
Tx. Spurious NVNT 802.11ac20 5240MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2386 GHz	6.00 dBm		
M2		1	39.68157 GHz	-39.64 dBm		
M3		1	10.48 GHz	-50.97 dBm		
M4		1	15.72 GHz	-45.67 dBm		
M5		1	20.96 GHz	-50.25 dBm		

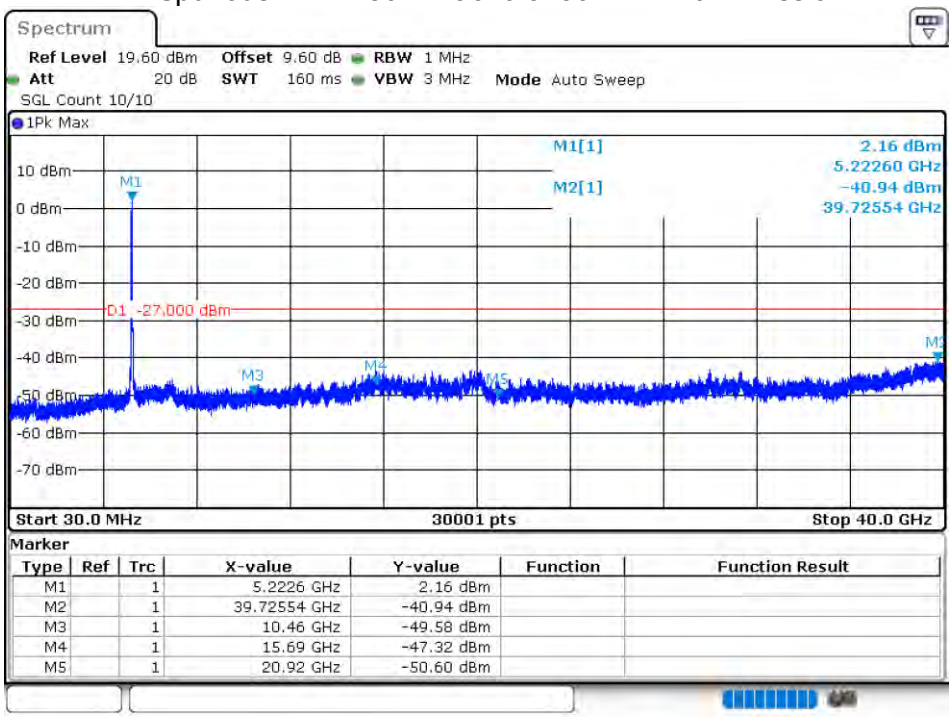
Tx. Spurious NVNT 802.11ac40 5190MHz Ant1 Emission



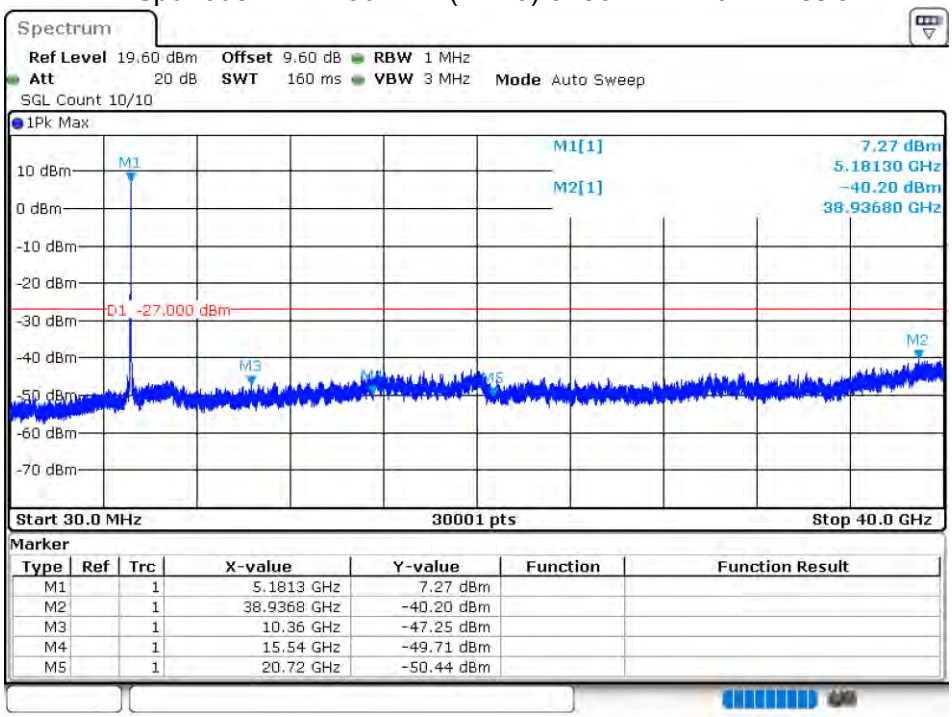
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.1813 GHz	2.15 dBm		
M2		1	39.49638 GHz	-40.09 dBm		
M3		1	10.38 GHz	-49.50 dBm		
M4		1	15.57 GHz	-48.27 dBm		
M5		1	20.76 GHz	-50.98 dBm		

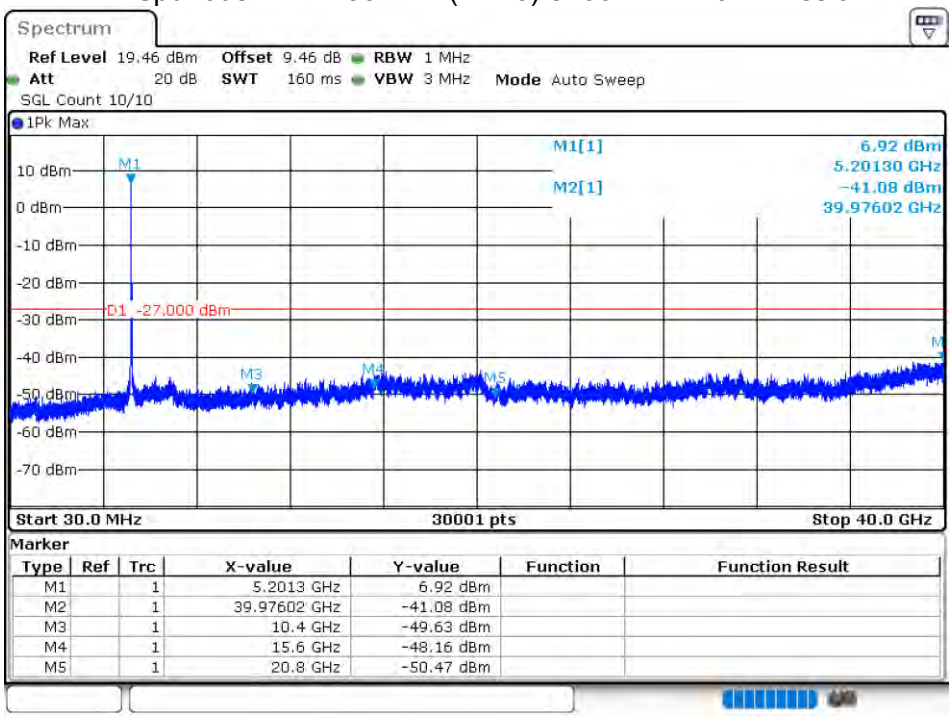
Tx. Spurious NVNT 802.11ac40 5230MHz Ant1 Emission



Tx. Spurious NVNT 802.11n(HT20) 5180MHz Ant1 Emission



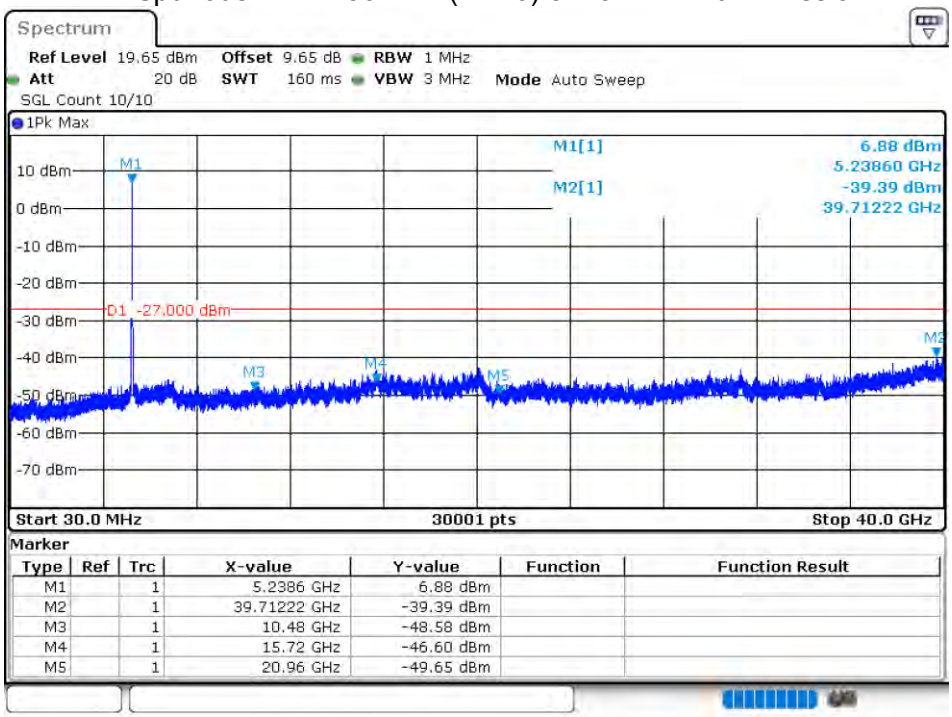
Tx. Spurious NVNT 802.11n(HT20) 5200MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2013 GHz	6.92 dBm		
M2		1	39.97602 GHz	-41.08 dBm		
M3		1	10.4 GHz	-49.63 dBm		
M4		1	15.6 GHz	-48.16 dBm		
M5		1	20.8 GHz	-50.47 dBm		

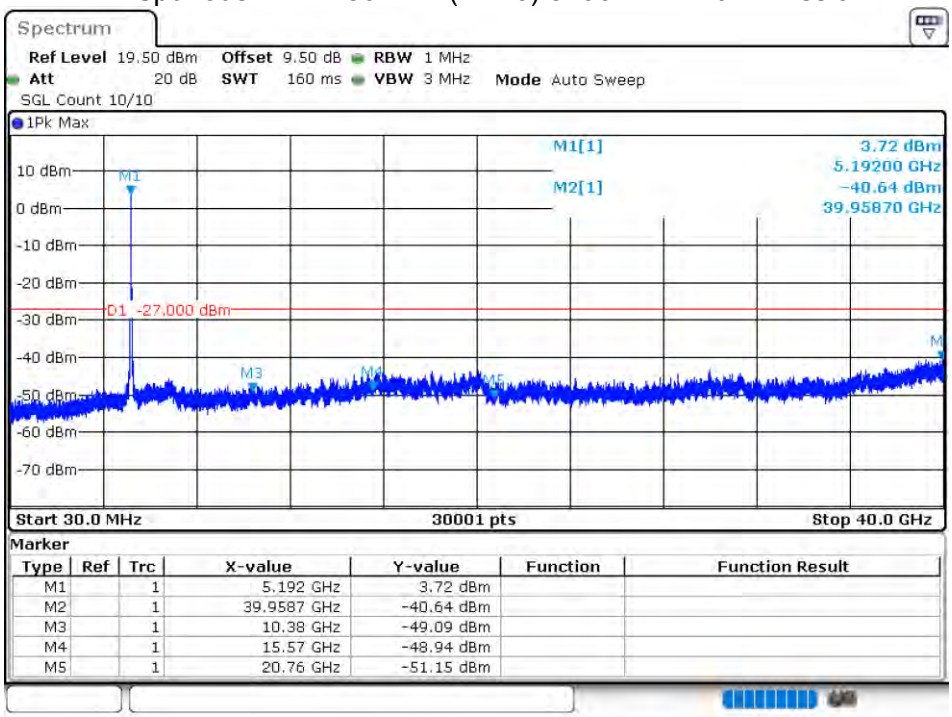
Tx. Spurious NVNT 802.11n(HT20) 5240MHz Ant1 Emission



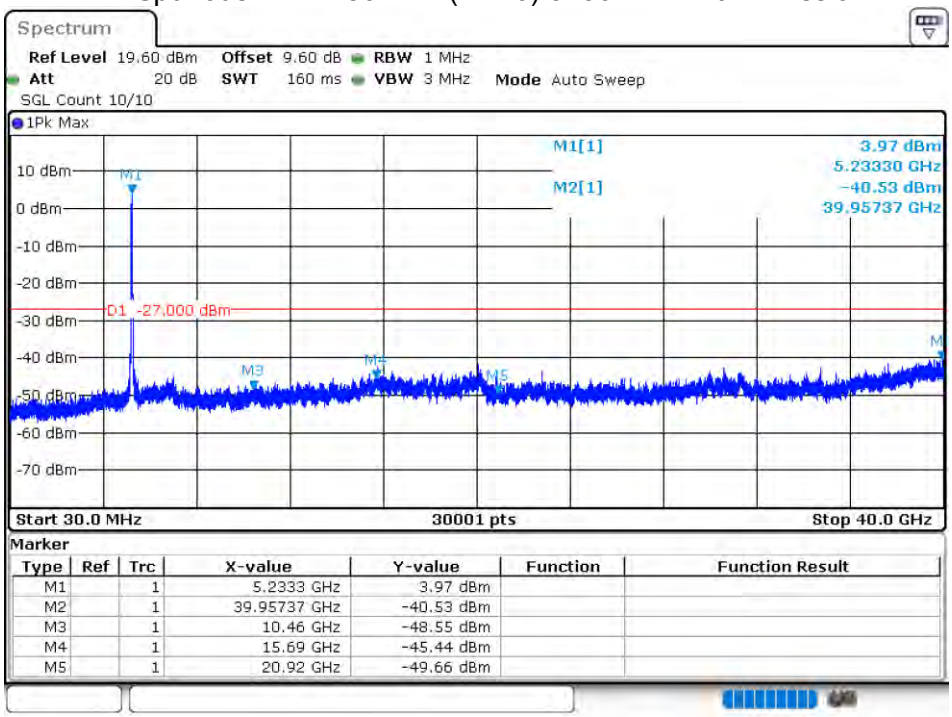
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2386 GHz	6.88 dBm		
M2		1	39.71222 GHz	-39.39 dBm		
M3		1	10.48 GHz	-48.58 dBm		
M4		1	15.72 GHz	-46.60 dBm		
M5		1	20.96 GHz	-49.65 dBm		

Tx. Spurious NVNT 802.11n(HT40) 5190MHz Ant1 Emission

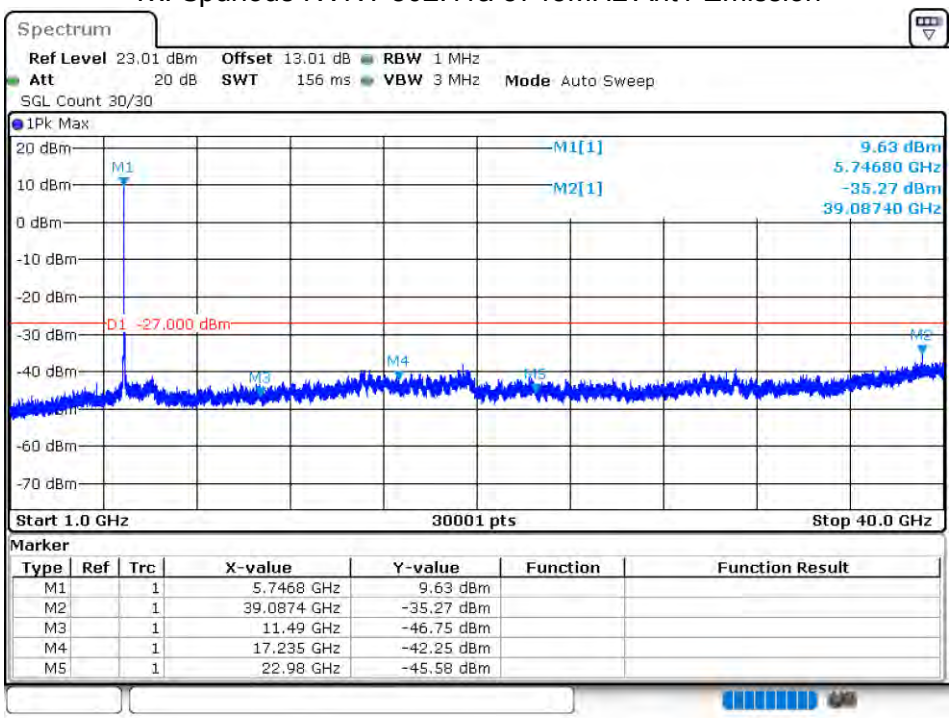


Tx. Spurious NVNT 802.11n(HT40) 5230MHz Ant1 Emission

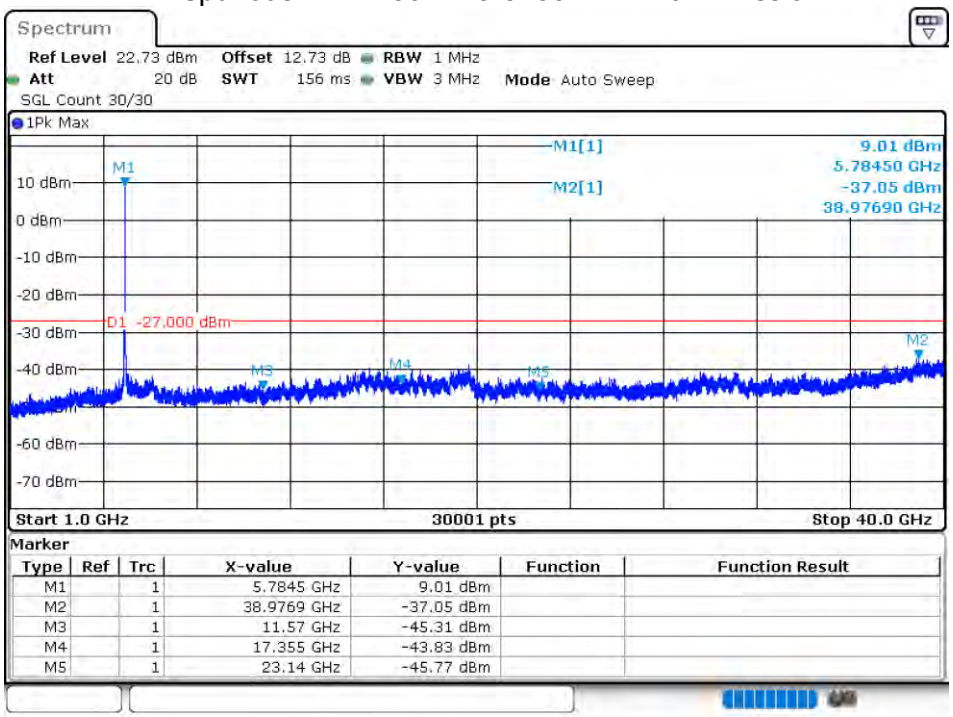


Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11a	5745	Ant 1	-35.26	-27	Pass
NVNT	802.11a	5785	Ant 1	-37.05	-27	Pass
NVNT	802.11a	5825	Ant 1	-36.78	-27	Pass
NVNT	802.11ac20	5745	Ant 1	-36.58	-27	Pass
NVNT	802.11ac20	5785	Ant 1	-37.31	-27	Pass
NVNT	802.11ac20	5825	Ant 1	-36.67	-27	Pass
NVNT	802.11ac40	5755	Ant 1	-36.69	-27	Pass
NVNT	802.11ac40	5795	Ant 1	-36.31	-27	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-37.2	-27	Pass
NVNT	802.11n(HT20)	5785	Ant 1	-36.98	-27	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-37.11	-27	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-35.67	-27	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-36.87	-27	Pass

Tx. Spurious NVNT 802.11a 5745MHz Ant1 Emission



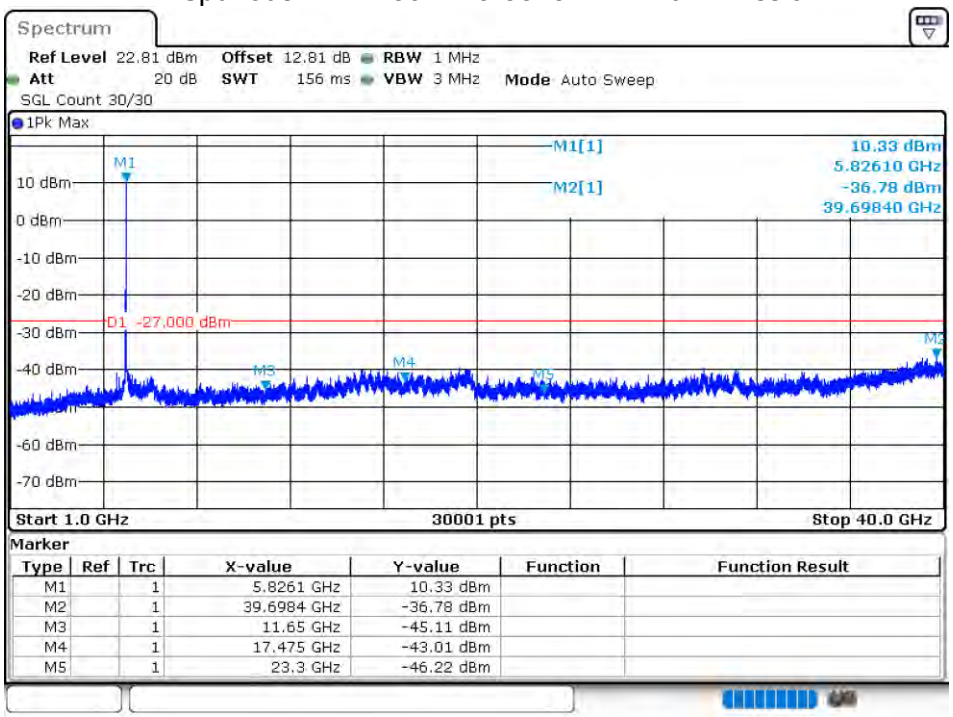
Tx. Spurious NVNT 802.11a 5785MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7845 GHz	9.01 dBm		
M2		1	38.9769 GHz	-37.05 dBm		
M3		1	11.57 GHz	-45.31 dBm		
M4		1	17.355 GHz	-43.83 dBm		
M5		1	23.14 GHz	-45.77 dBm		

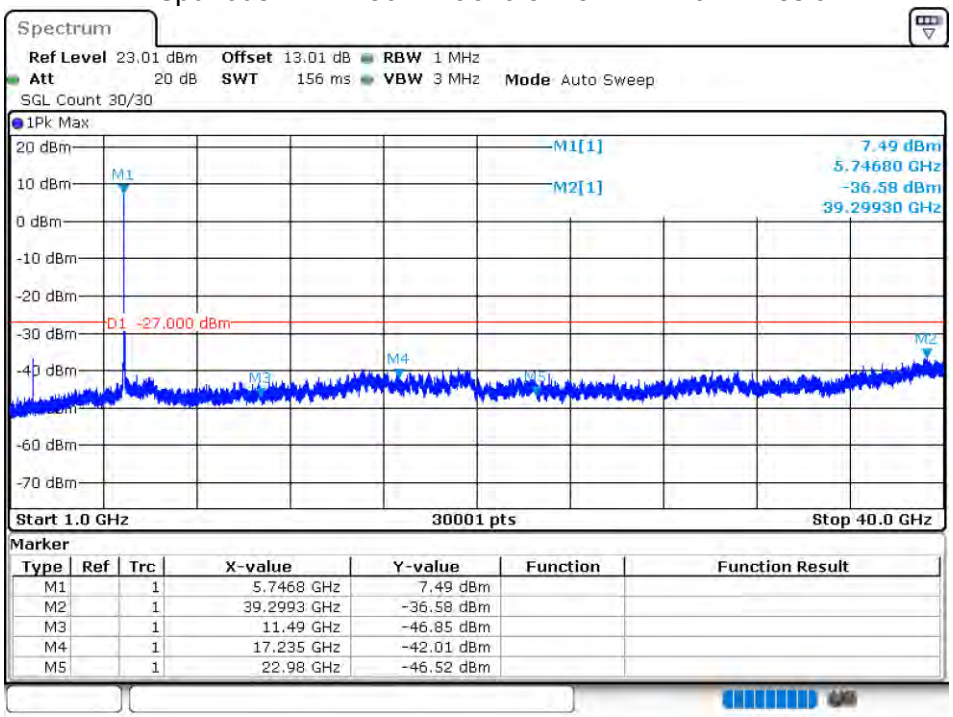
Tx. Spurious NVNT 802.11a 5825MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8261 GHz	10.33 dBm		
M2		1	39.6984 GHz	-36.78 dBm		
M3		1	11.65 GHz	-45.11 dBm		
M4		1	17.475 GHz	-43.01 dBm		
M5		1	23.3 GHz	-46.22 dBm		

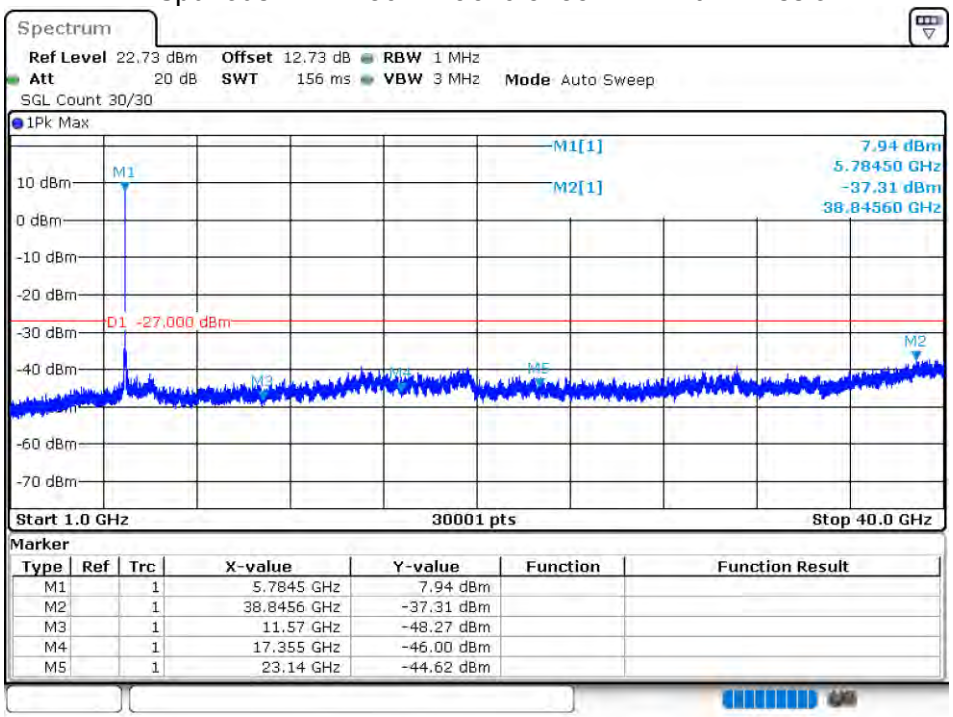
Tx. Spurious NVNT 802.11ac20 5745MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7468 GHz	7.49 dBm		
M2		1	39.2993 GHz	-36.58 dBm		
M3		1	11.49 GHz	-46.85 dBm		
M4		1	17.235 GHz	-42.01 dBm		
M5		1	22.98 GHz	-46.52 dBm		

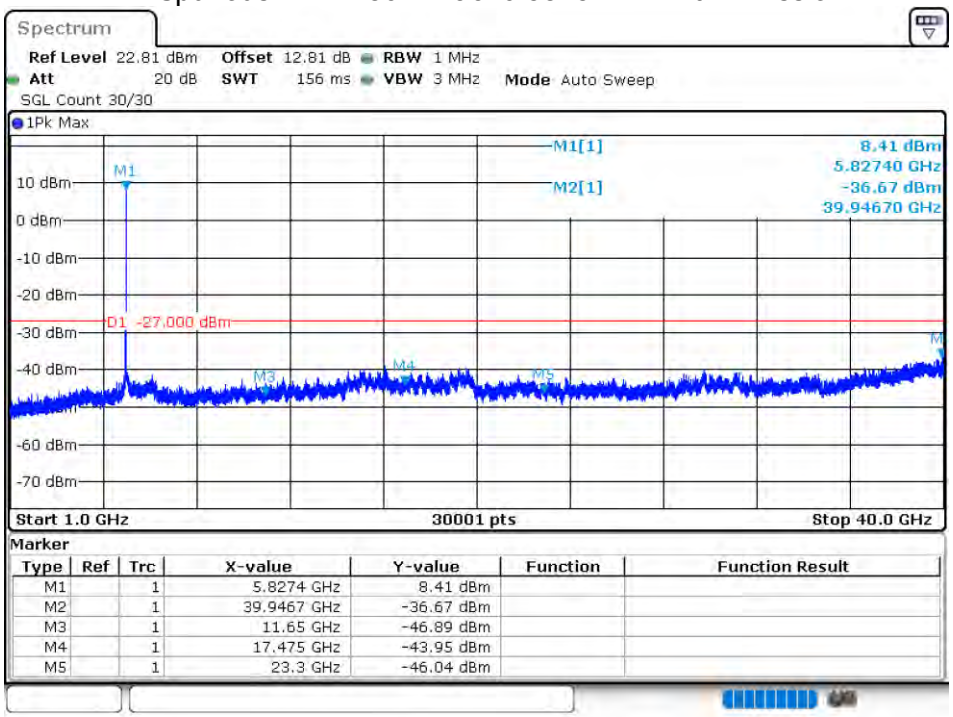
Tx. Spurious NVNT 802.11ac20 5785MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7845 GHz	7.94 dBm		
M2		1	38.8456 GHz	-37.31 dBm		
M3		1	11.57 GHz	-48.27 dBm		
M4		1	17.355 GHz	-46.00 dBm		
M5		1	23.14 GHz	-44.62 dBm		

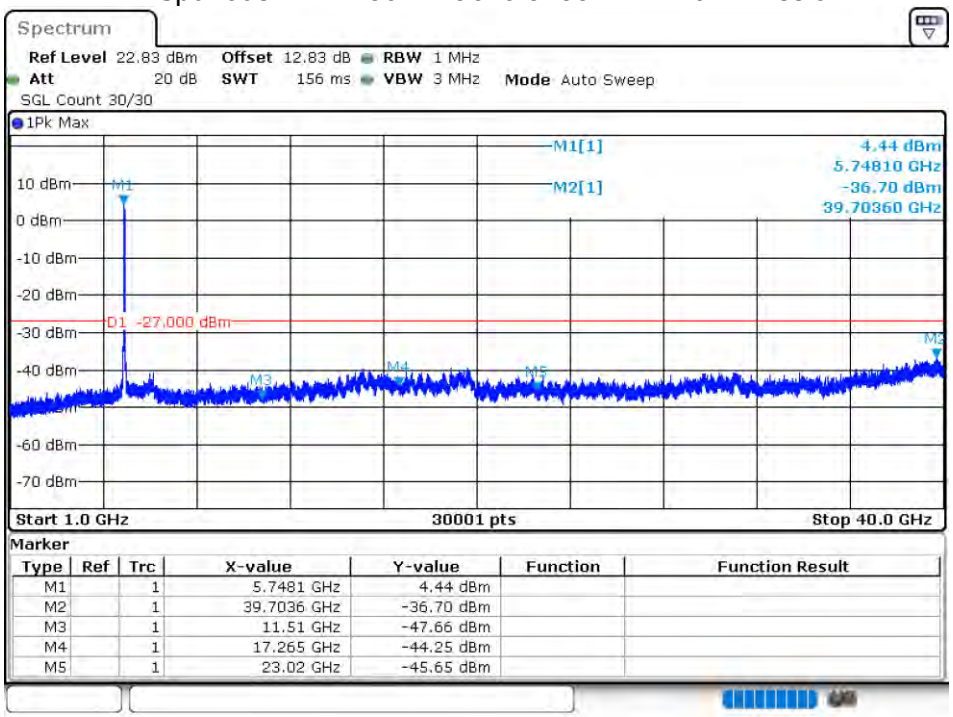
Tx. Spurious NVNT 802.11ac20 5825MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8274 GHz	8.41 dBm		
M2		1	39.9467 GHz	-36.67 dBm		
M3		1	11.65 GHz	-46.89 dBm		
M4		1	17.475 GHz	-43.95 dBm		
M5		1	23.3 GHz	-46.04 dBm		

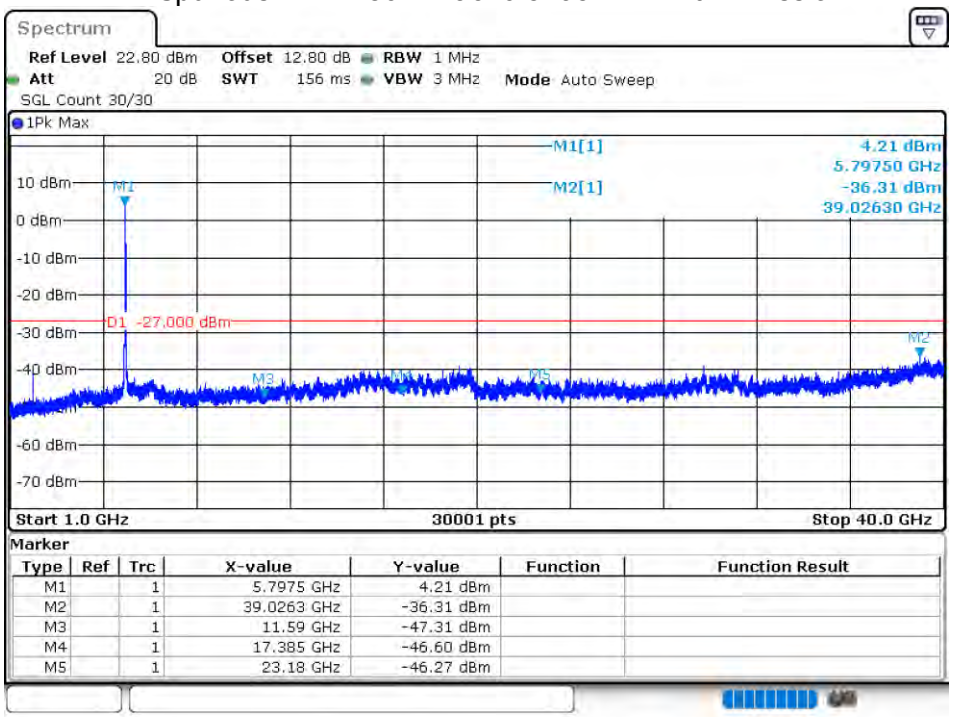
Tx. Spurious NVNT 802.11ac40 5755MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7481 GHz	4.44 dBm		
M2		1	39.7036 GHz	-36.70 dBm		
M3		1	11.51 GHz	-47.66 dBm		
M4		1	17.265 GHz	-44.25 dBm		
M5		1	23.02 GHz	-45.65 dBm		

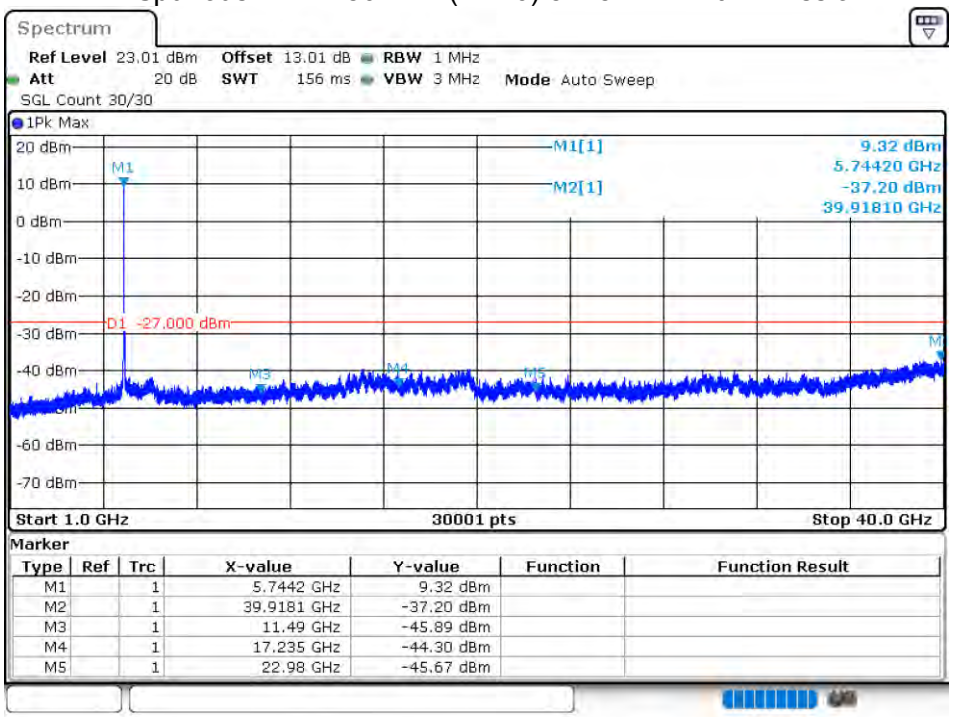
Tx. Spurious NVNT 802.11ac40 5795MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7975 GHz	4.21 dBm		
M2		1	39.0263 GHz	-36.31 dBm		
M3		1	11.59 GHz	-47.31 dBm		
M4		1	17.385 GHz	-46.60 dBm		
M5		1	23.18 GHz	-46.27 dBm		

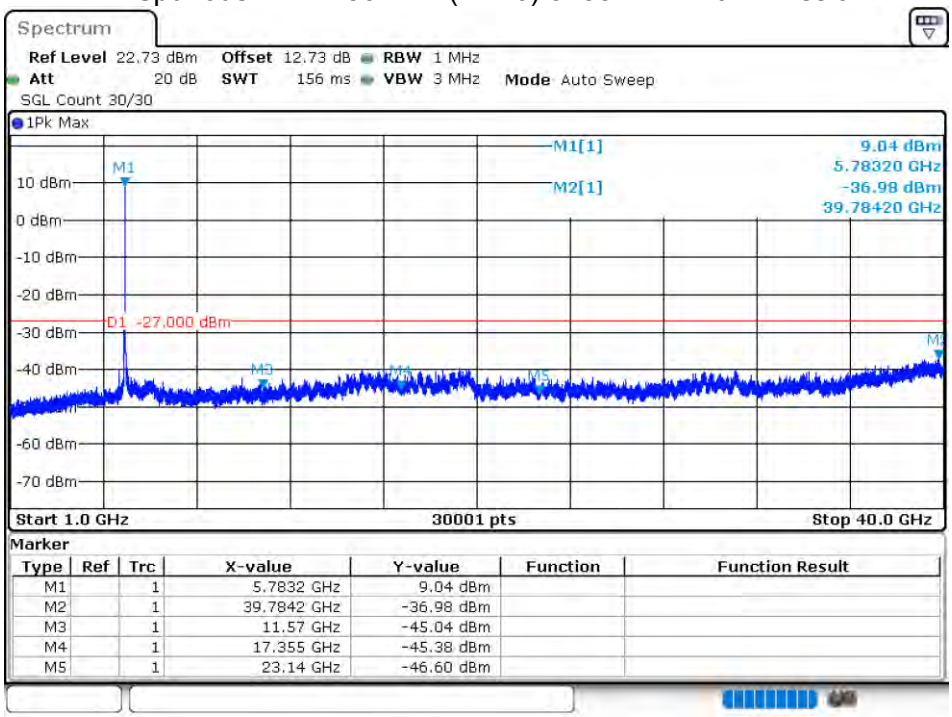
Tx. Spurious NVNT 802.11n(HT20) 5745MHz Ant1 Emission



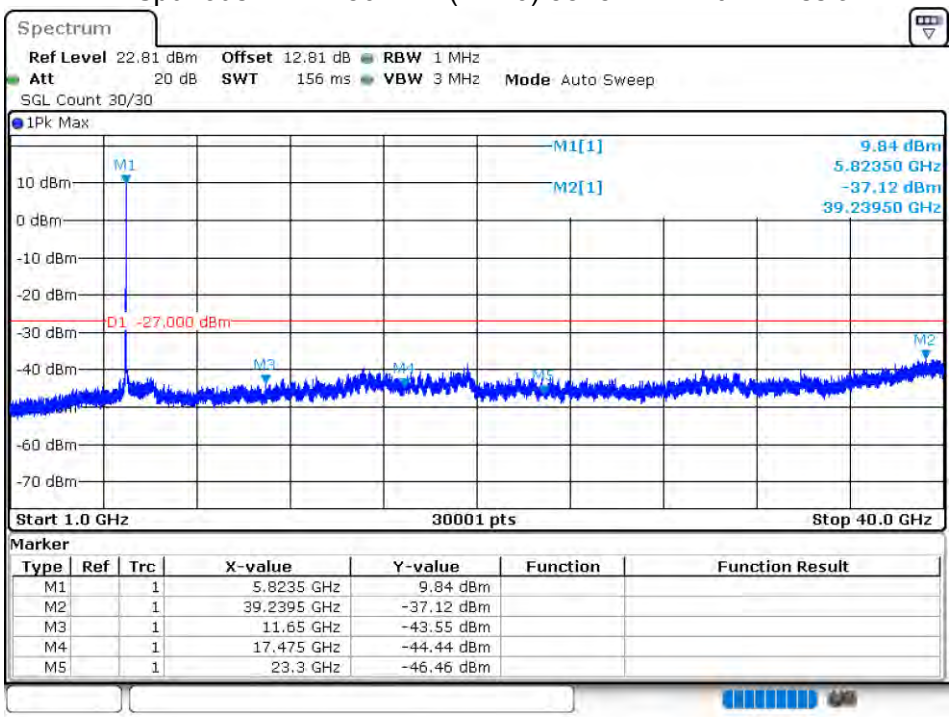
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7442 GHz	9.32 dBm		
M2		1	39.9181 GHz	-37.20 dBm		
M3		1	11.49 GHz	-45.89 dBm		
M4		1	17.235 GHz	-44.30 dBm		
M5		1	22.98 GHz	-45.67 dBm		

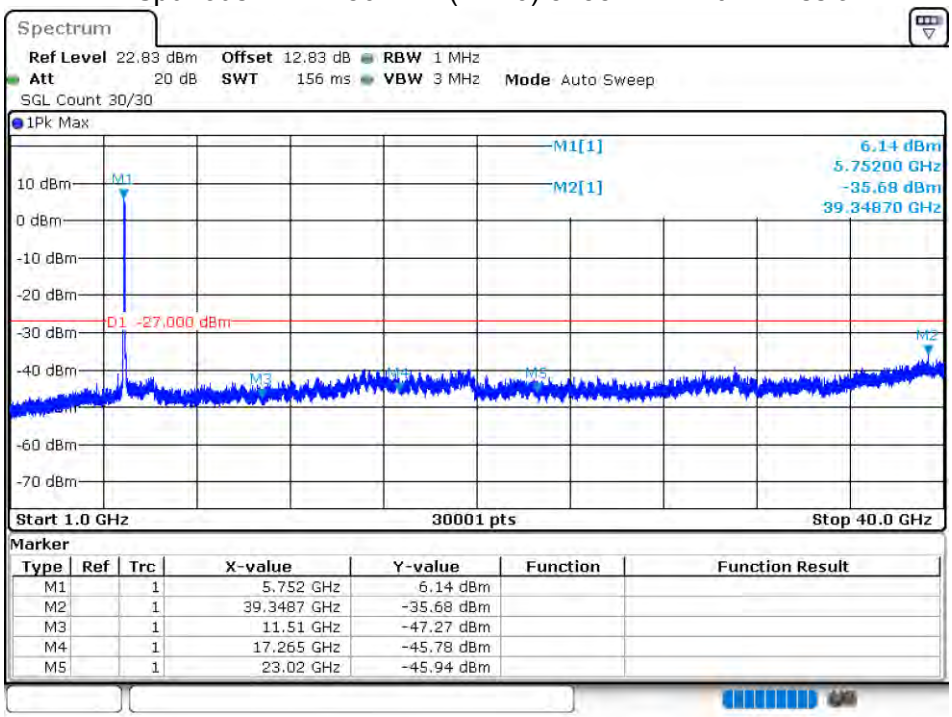
Tx. Spurious NVNT 802.11n(HT20) 5785MHz Ant1 Emission



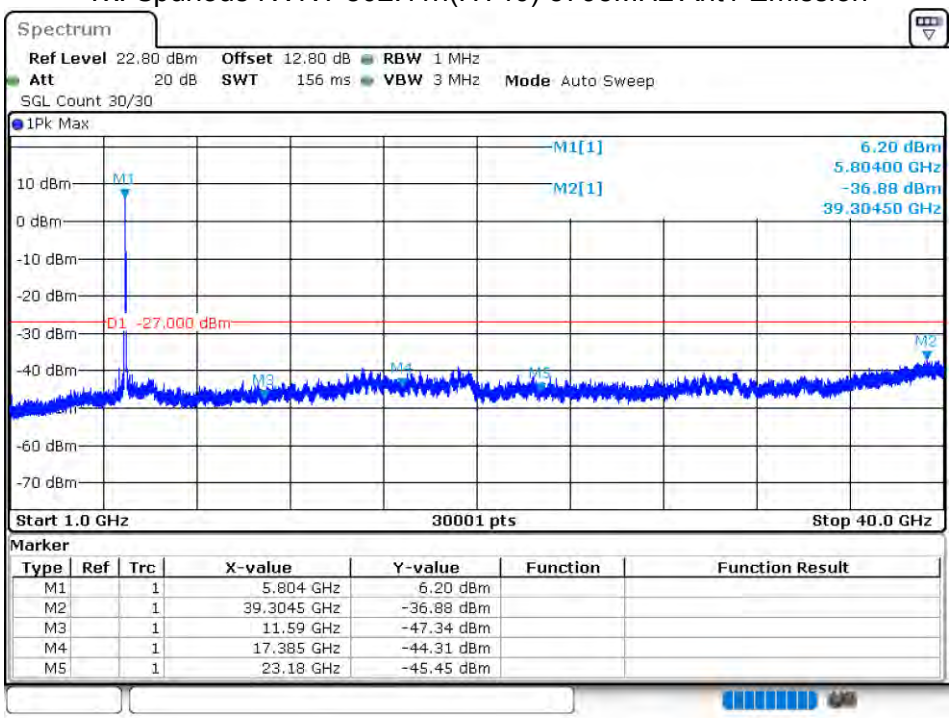
Tx. Spurious NVNT 802.11n(HT20) 5825MHz Ant1 Emission



Tx. Spurious NVNT 802.11n(HT40) 5755MHz Ant1 Emission



Tx. Spurious NVNT 802.11n(HT40) 5795MHz Ant1 Emission



END OF REPORT