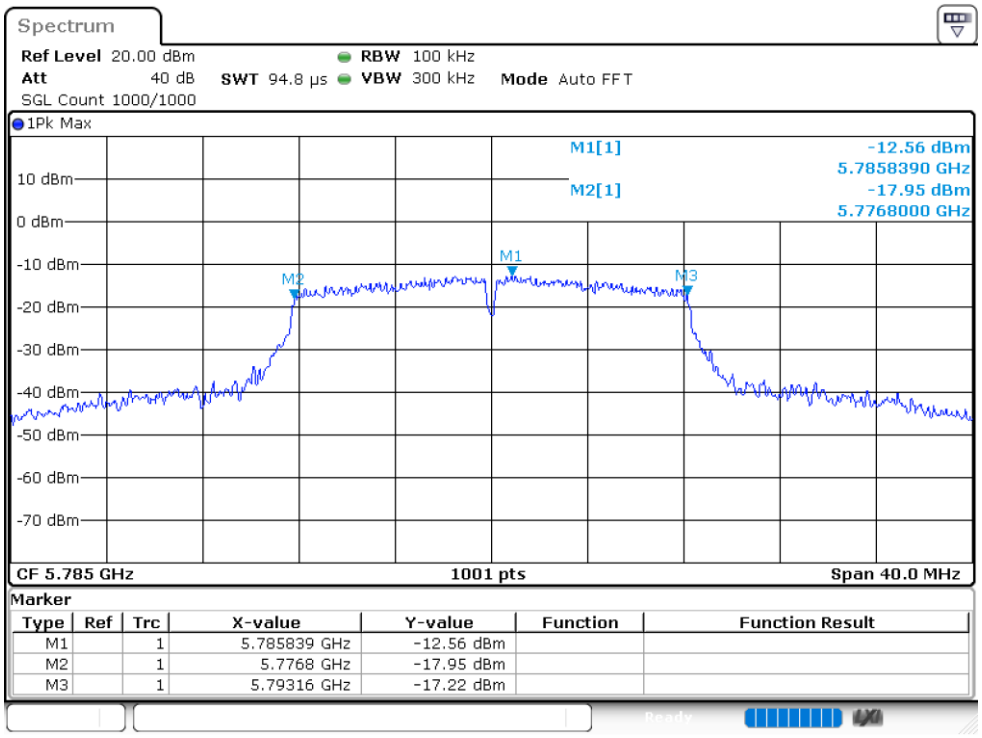
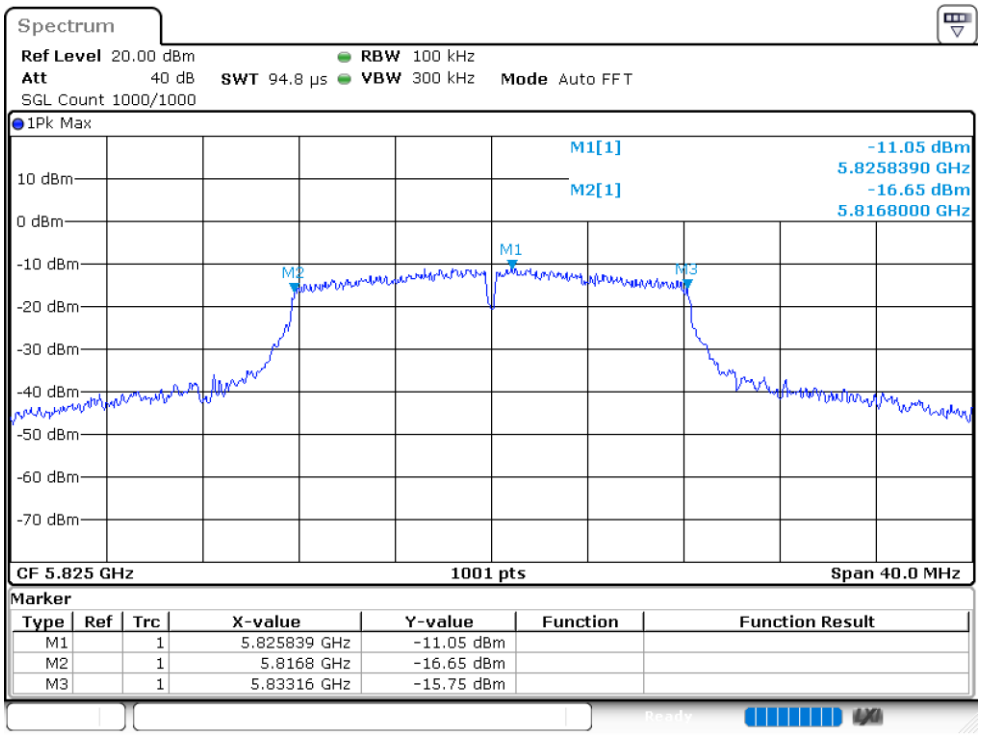
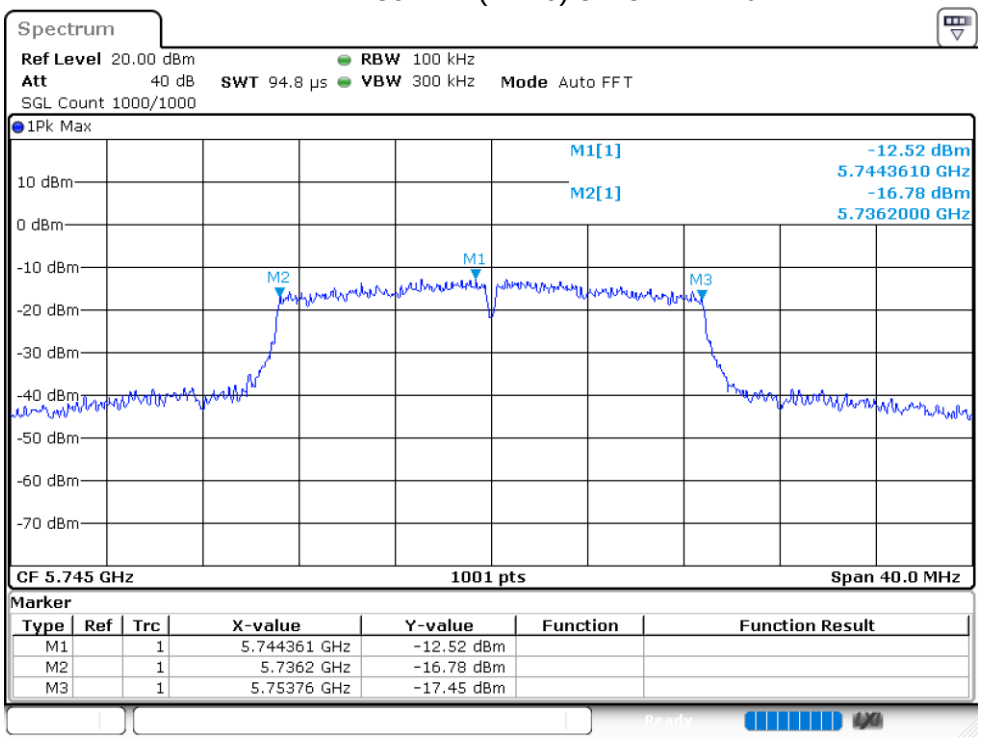
EBW NVNT 802.11a 5785MHz Ant1



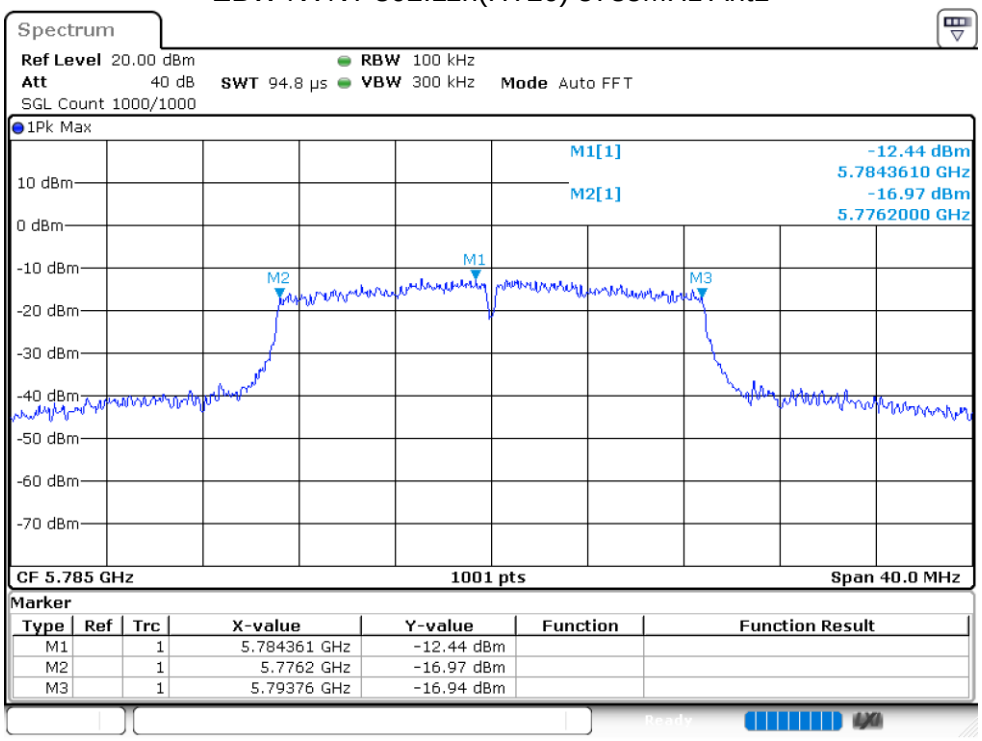
EBW NVNT 802.11a 5825MHz Ant1



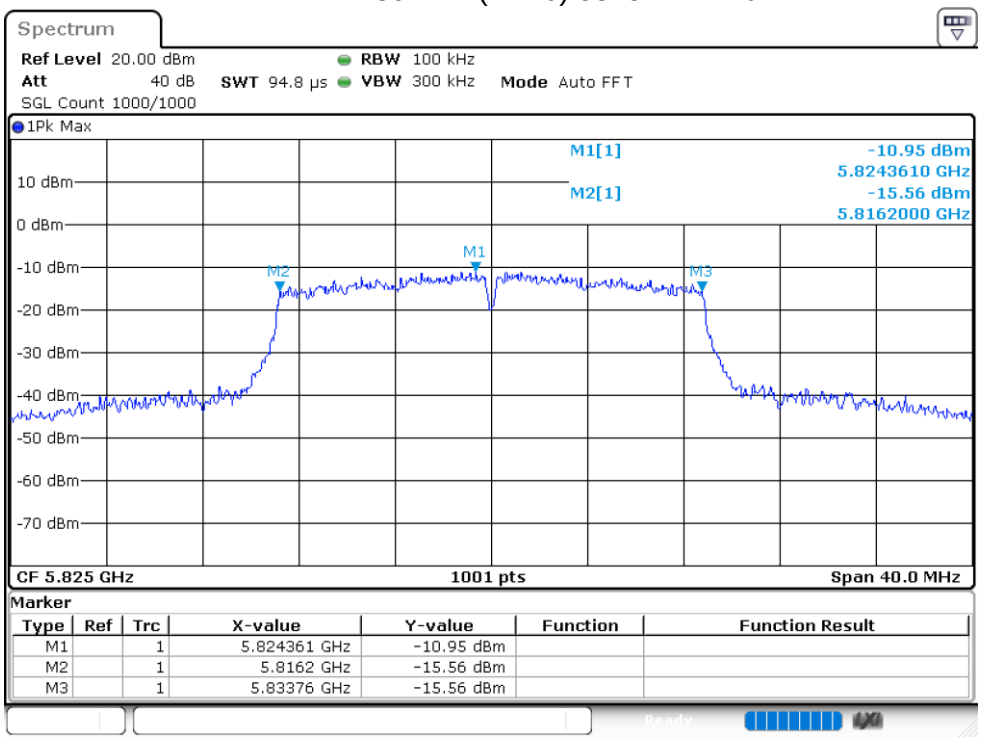
EBW NVNT 802.11n(HT20) 5745MHz Ant1



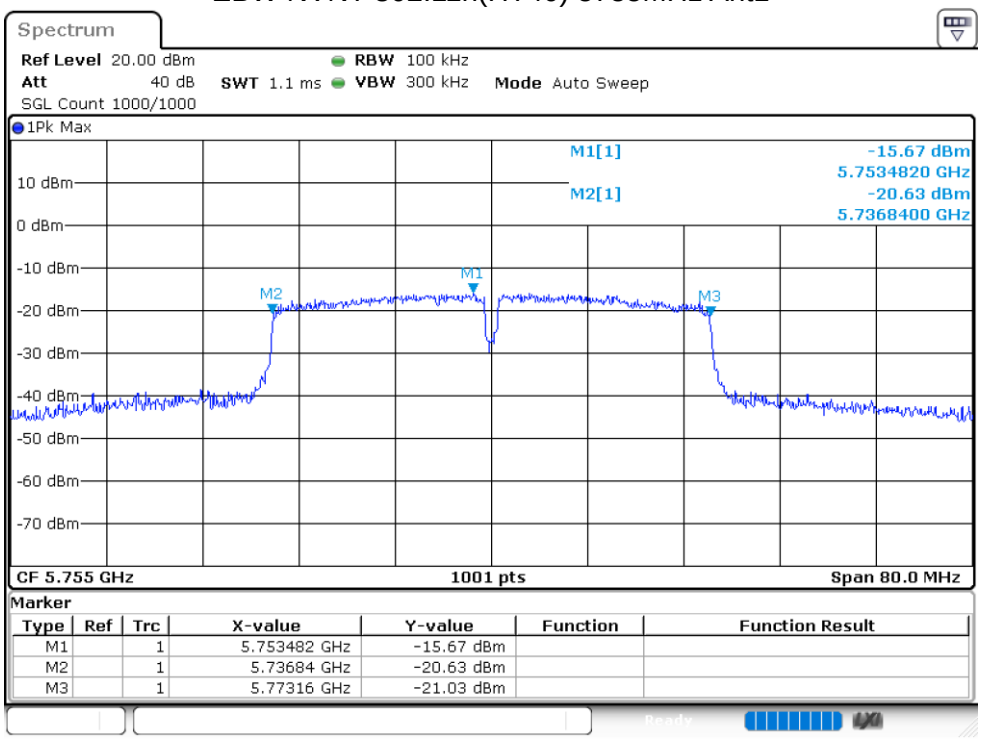
EBW NVNT 802.11n(HT20) 5785MHz Ant1



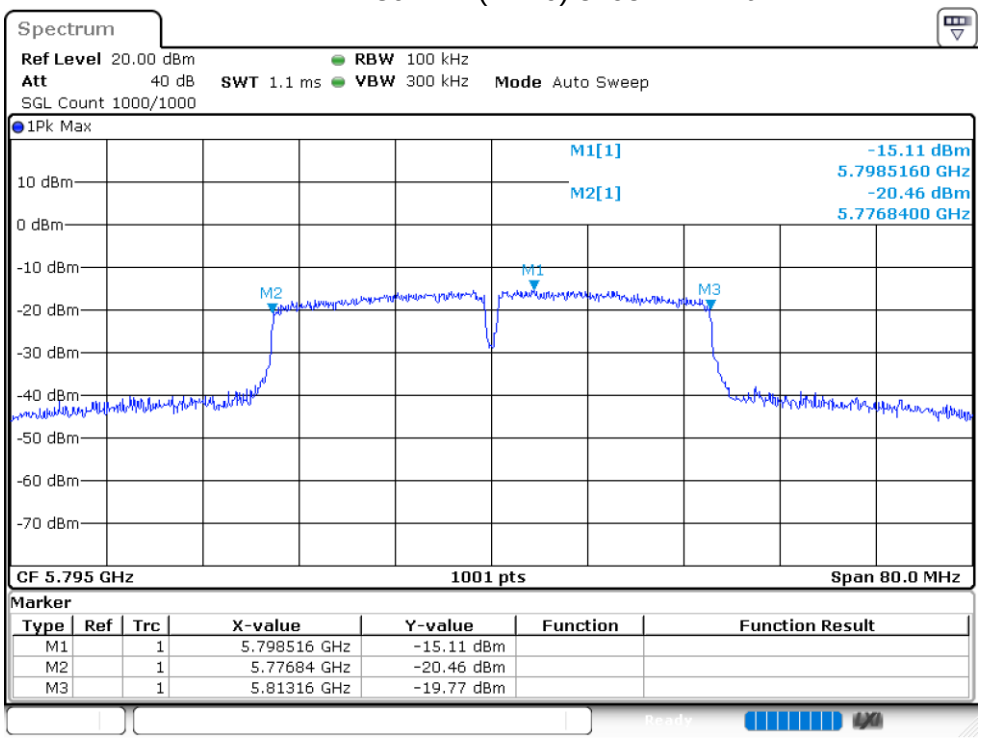
EBW NVNT 802.11n(HT20) 5825MHz Ant1



EBW NVNT 802.11n(HT40) 5755MHz Ant1



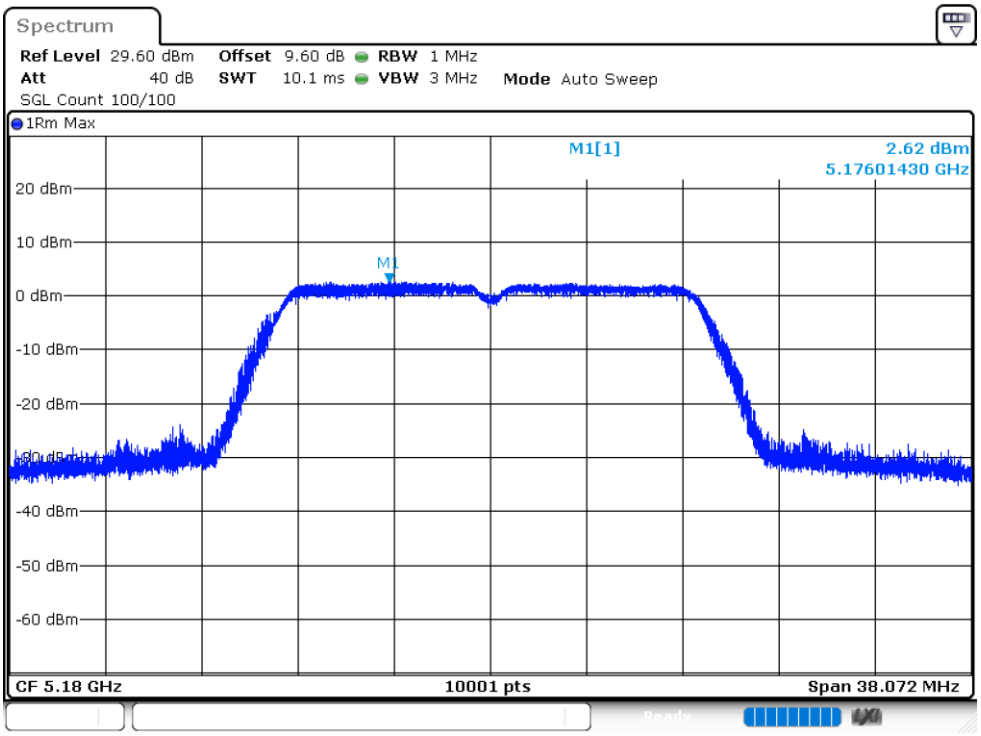
EBW NVNT 802.11n(HT40) 5795MHz Ant1



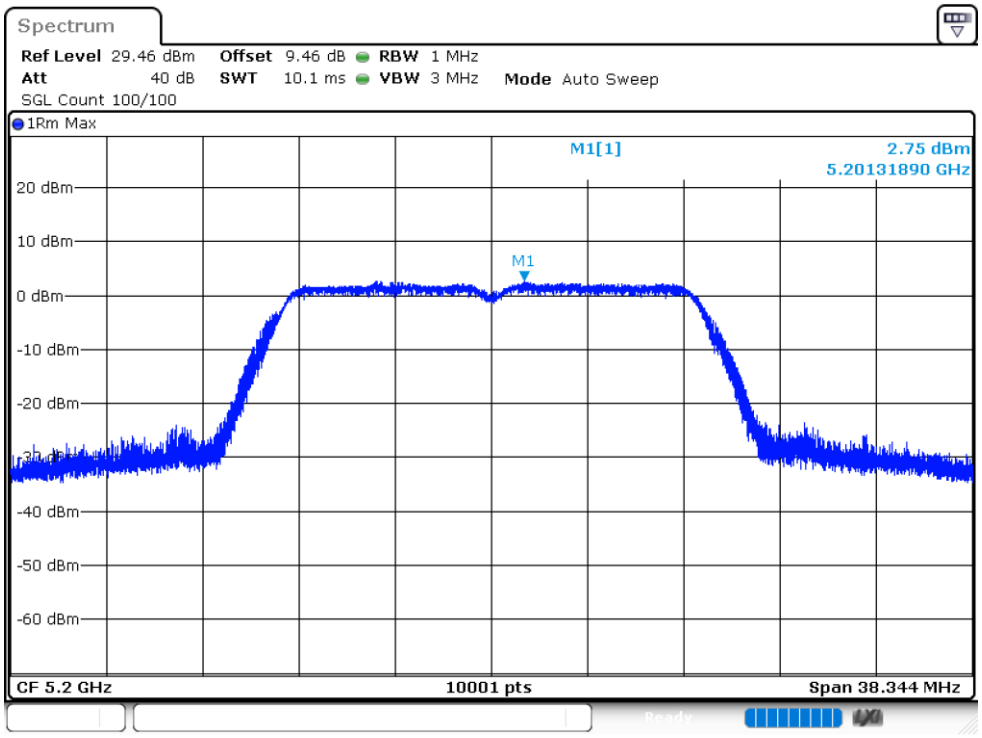
5.5 MAXIMUM POWER SPECTRAL DENSITY LEVEL

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5180	Ant 1	2.616	11	Pass
NVNT	802.11a	5200	Ant 1	2.747	11	Pass
NVNT	802.11a	5240	Ant 1	2.909	11	Pass
NVNT	802.11n(HT20)	5180	Ant 1	2.707	11	Pass
NVNT	802.11n(HT20)	5200	Ant 1	2.483	11	Pass
NVNT	802.11n(HT20)	5240	Ant 1	3.389	11	Pass
NVNT	802.11n(HT40)	5190	Ant 1	0.126	11	Pass
NVNT	802.11n(HT40)	5230	Ant 1	0.496	11	Pass

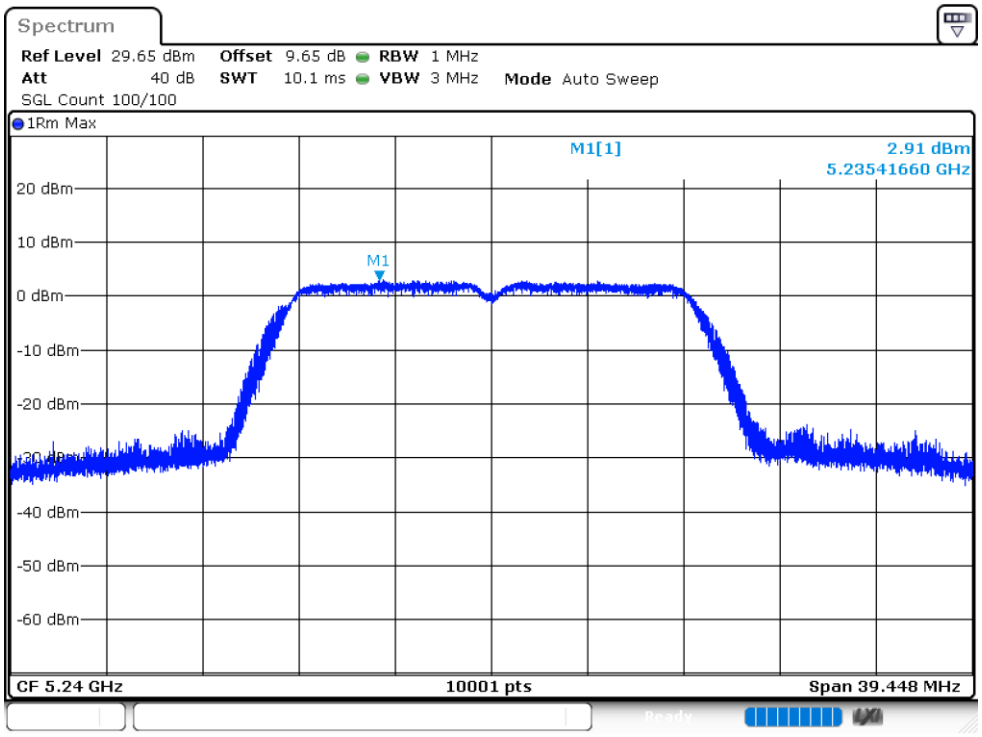
PSD NVNT 802.11a 5180MHz Ant1



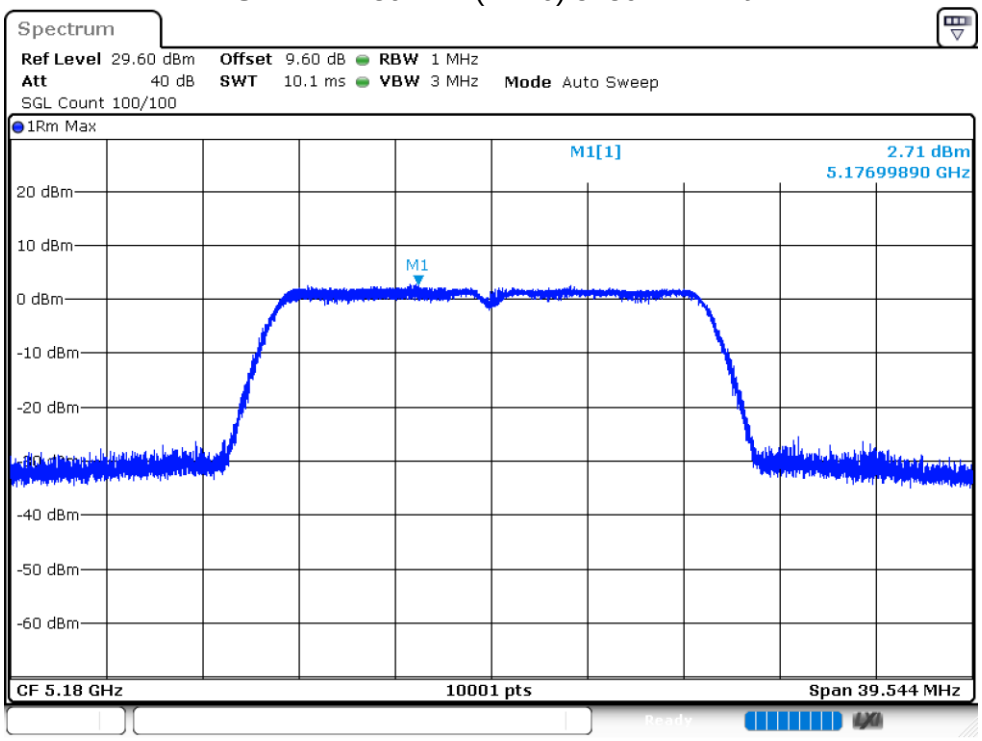
PSD NVNT 802.11a 5200MHz Ant1



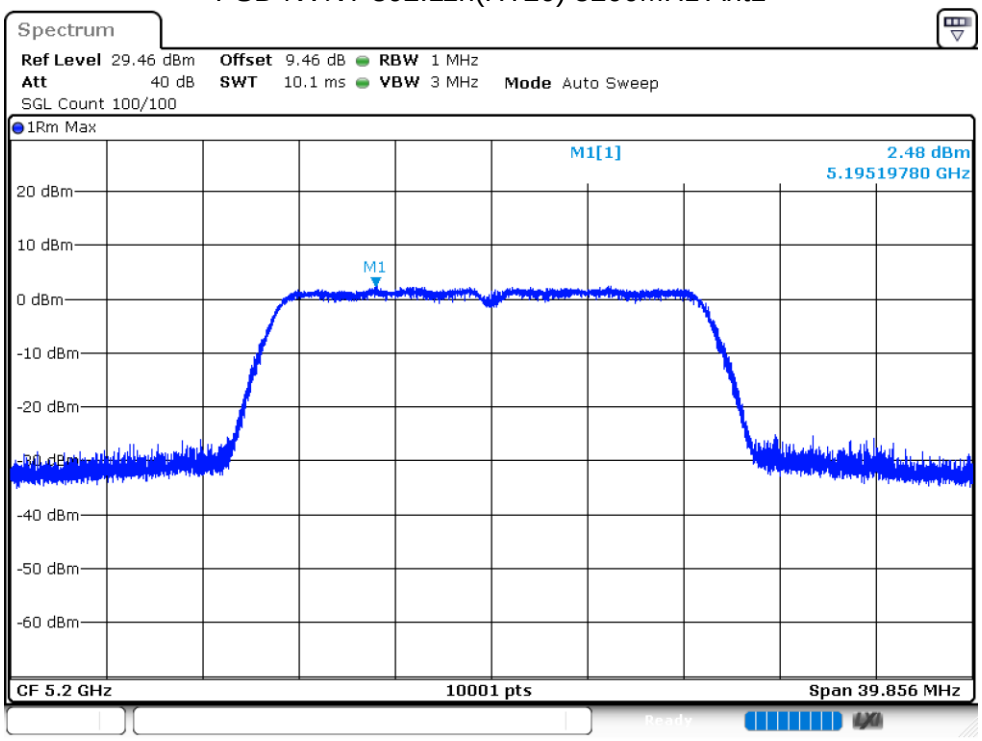
PSD NVNT 802.11a 5240MHz Ant1



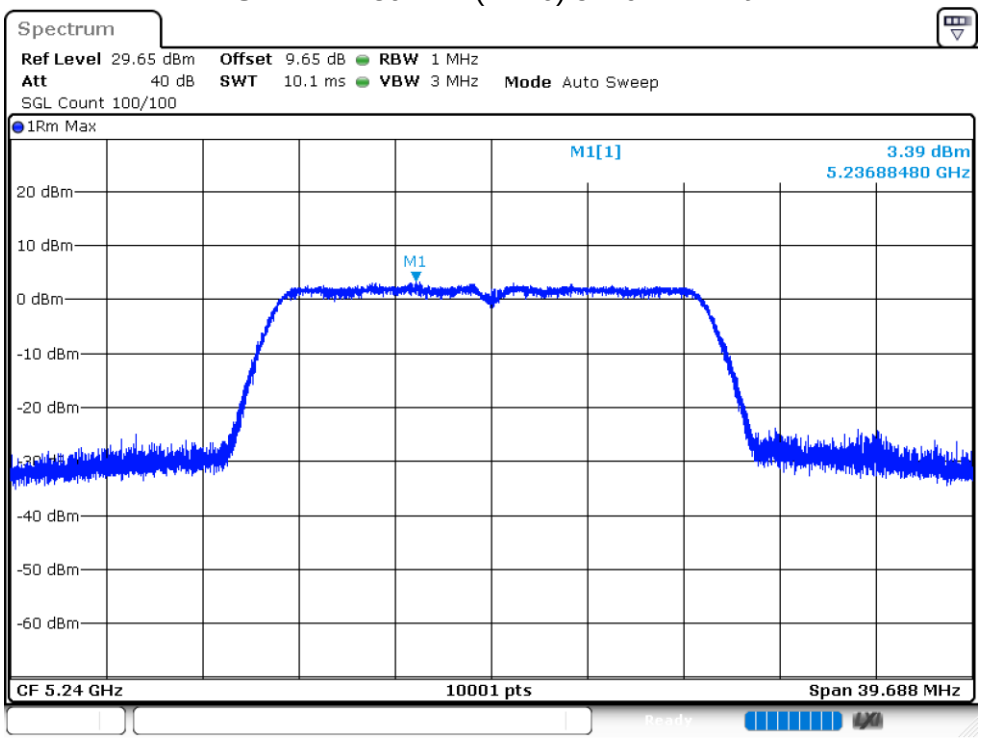
PSD NVNT 802.11n(HT20) 5180MHz Ant1



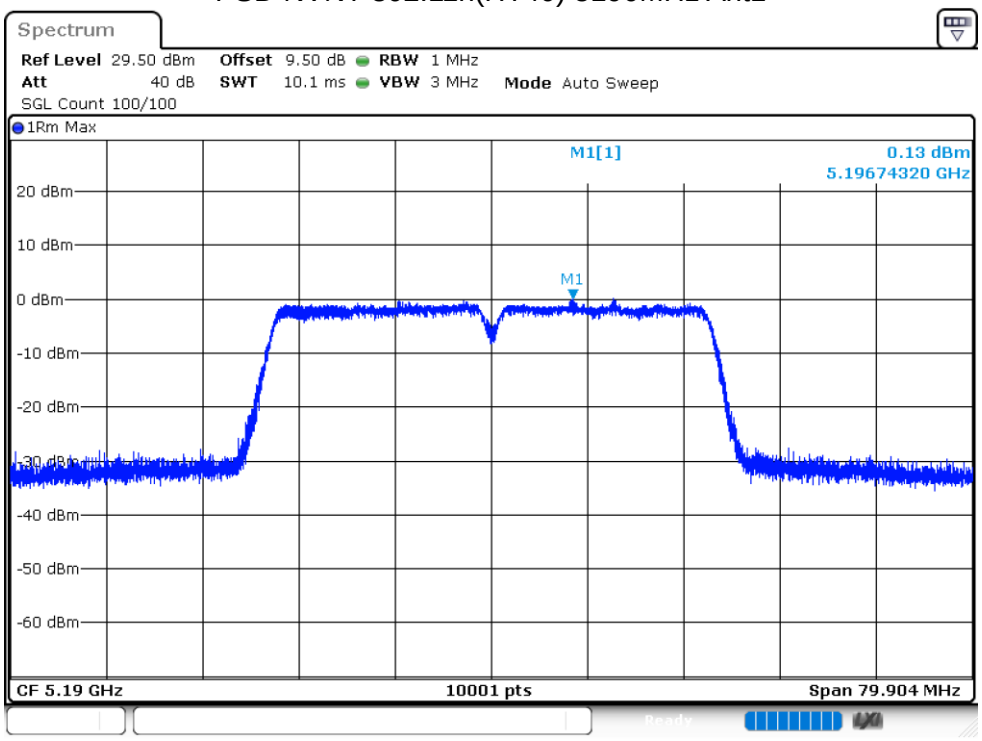
PSD NVNT 802.11n(HT20) 5200MHz Ant1



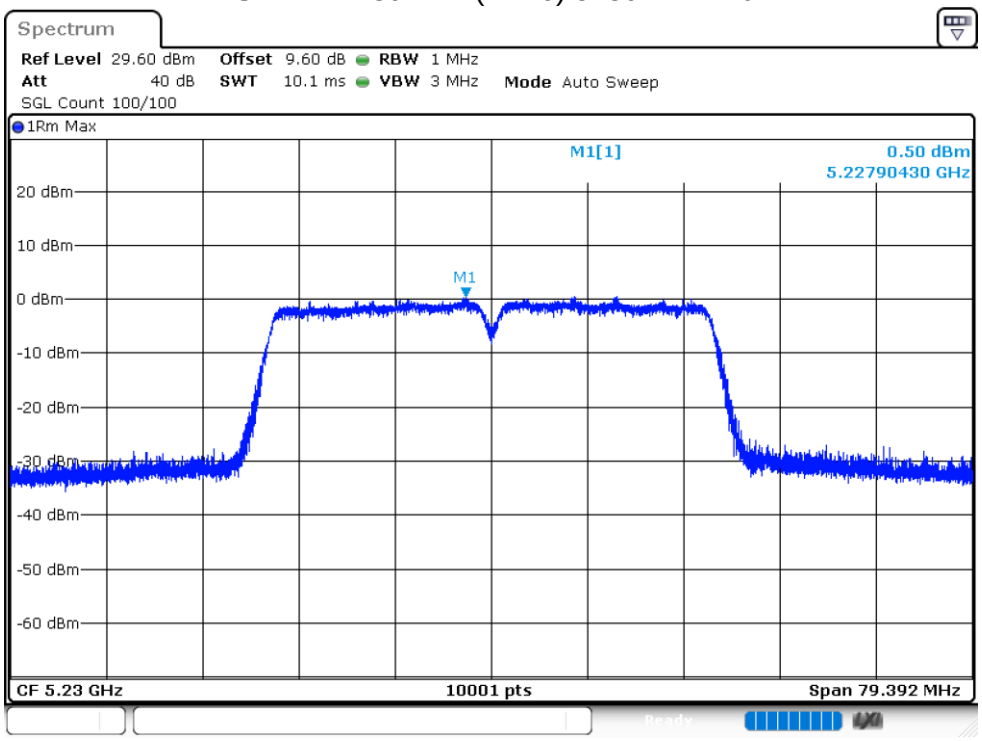
PSD NVNT 802.11n(HT20) 5240MHz Ant1



PSD NVNT 802.11n(HT40) 5190MHz Ant1

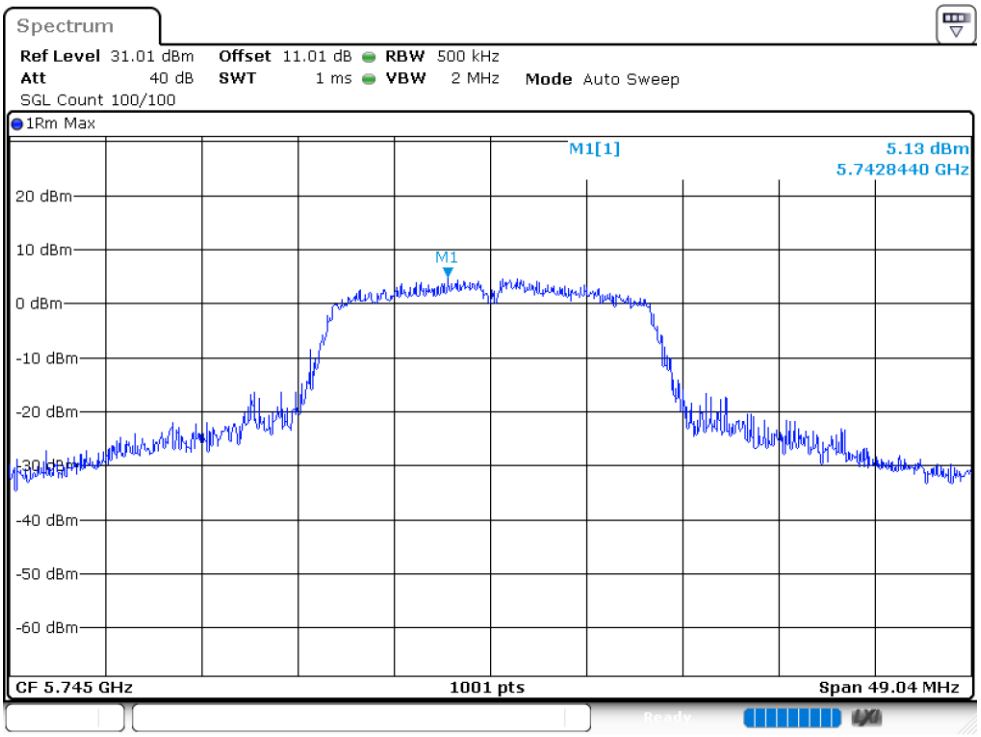


PSD NVNT 802.11n(HT40) 5230MHz Ant1

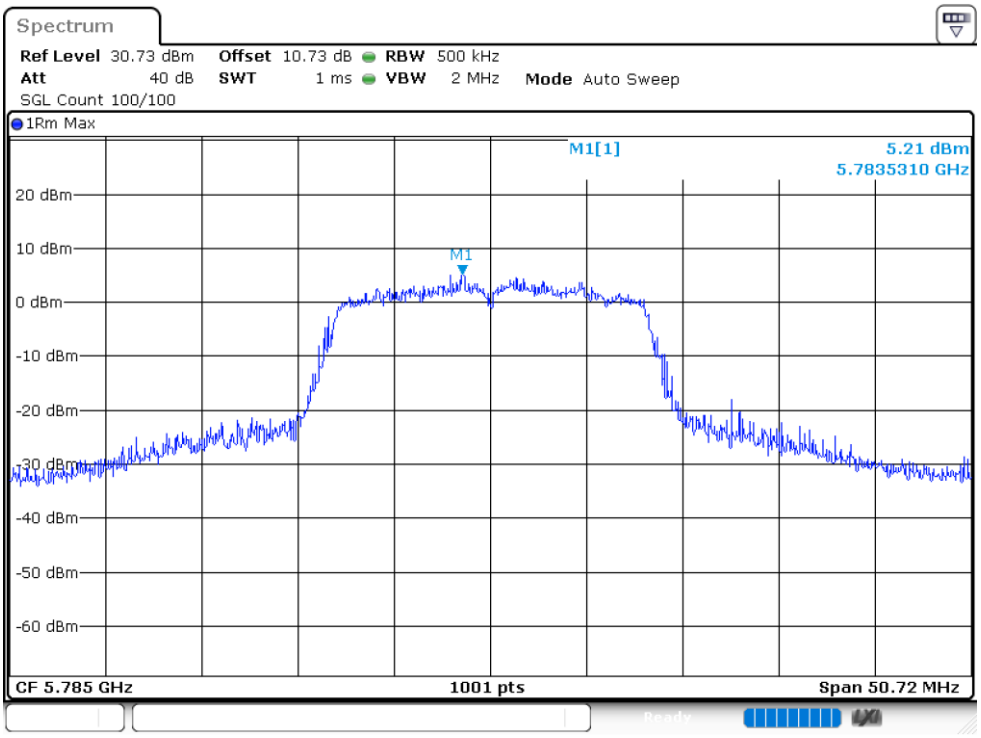


Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	5.129	30	Pass
NVNT	802.11a	5785	Ant 1	5.209	30	Pass
NVNT	802.11a	5825	Ant 1	6.545	30	Pass
NVNT	802.11n(HT20)	5745	Ant 1	5	30	Pass
NVNT	802.11n(HT20)	5785	Ant 1	4.613	30	Pass
NVNT	802.11n(HT20)	5825	Ant 1	6.583	30	Pass
NVNT	802.11n(HT40)	5755	Ant 1	0.875	30	Pass
NVNT	802.11n(HT40)	5795	Ant 1	1.888	30	Pass

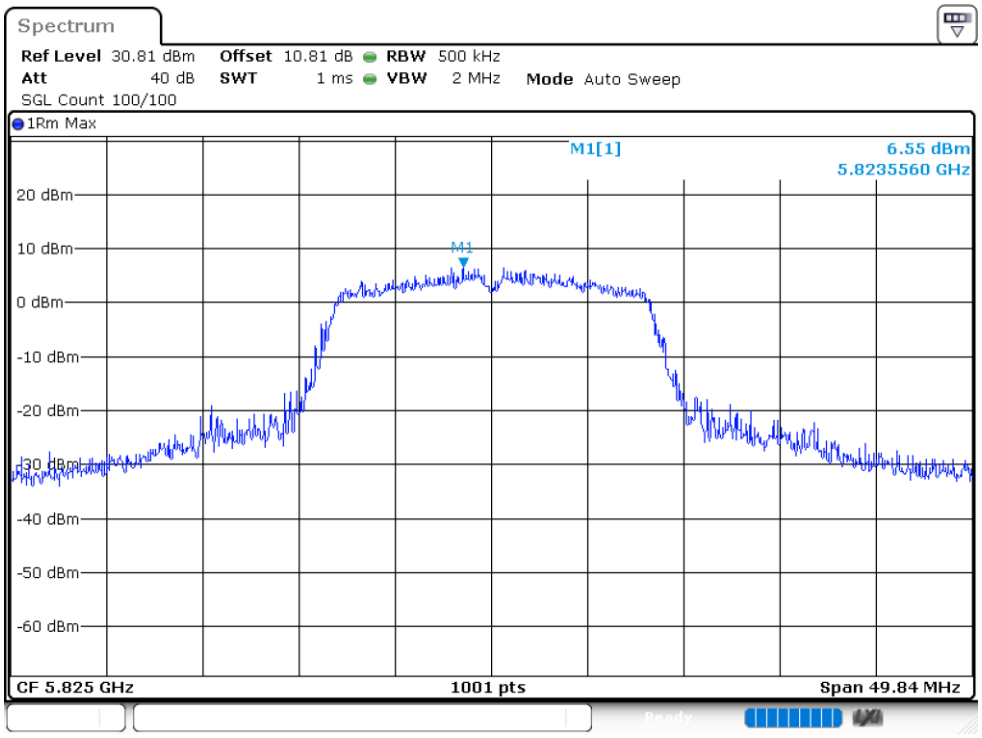
PSD NVNT 802.11a 5745MHz Ant1



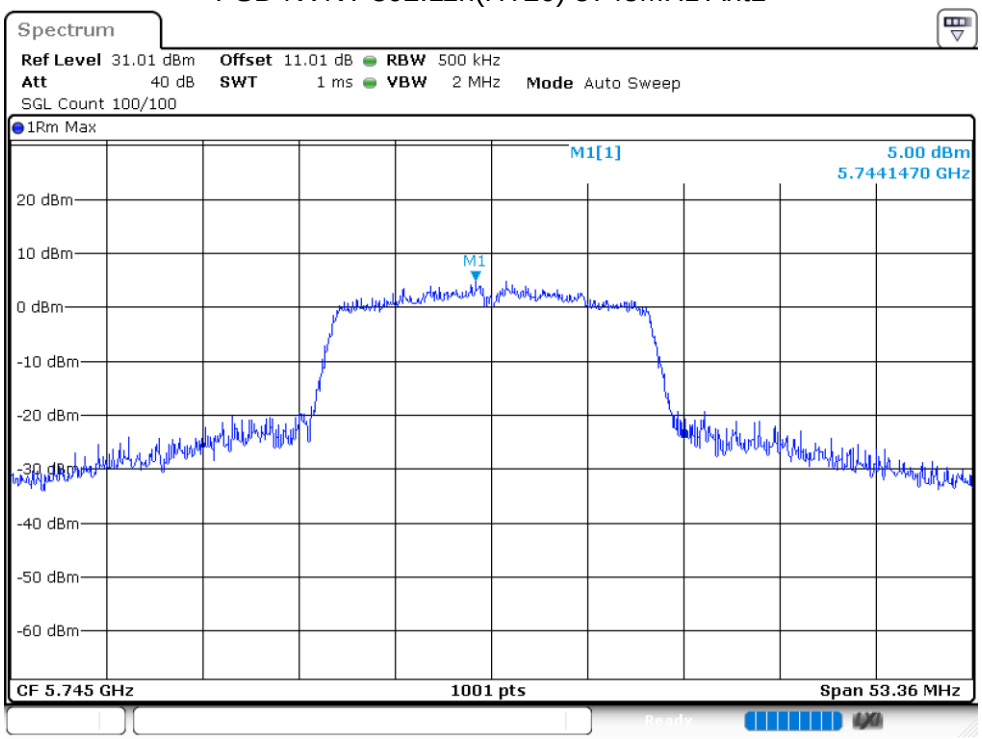
PSD NVNT 802.11a 5785MHz Ant1



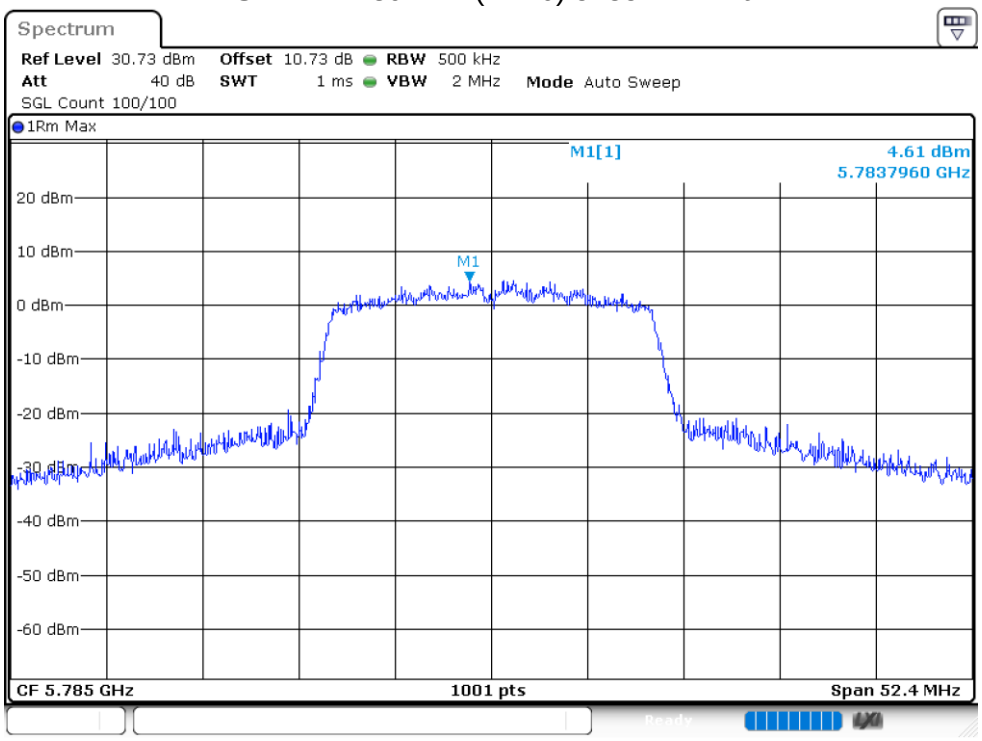
PSD NVNT 802.11a 5825MHz Ant1



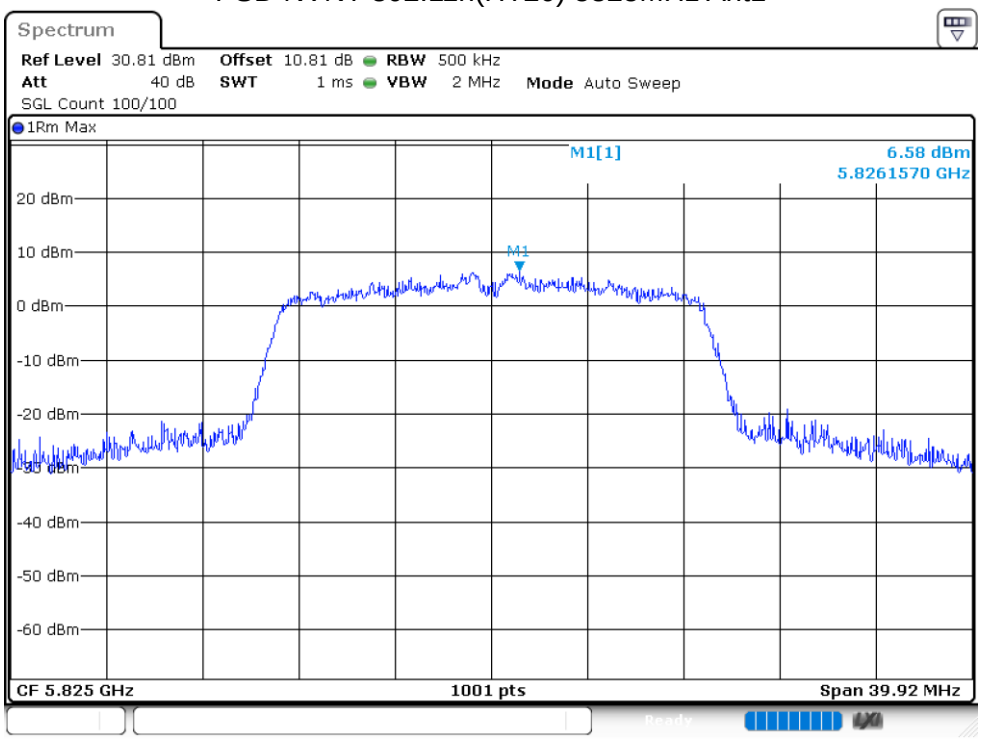
PSD NVNT 802.11n(HT20) 5745MHz Ant1



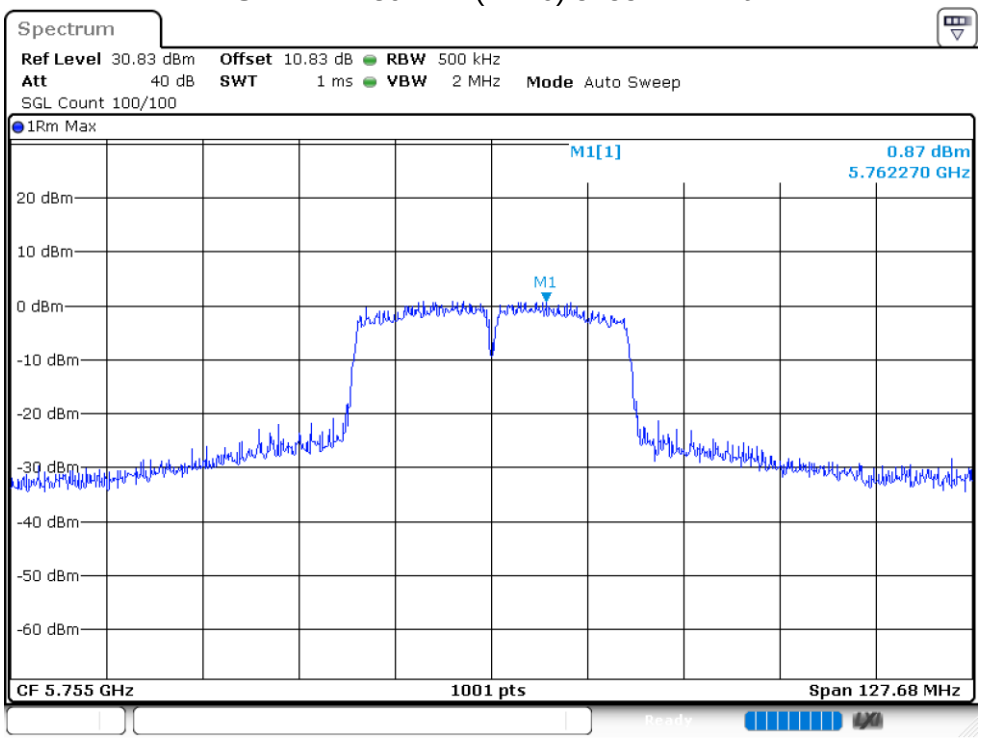
PSD NVNT 802.11n(HT20) 5785MHz Ant1



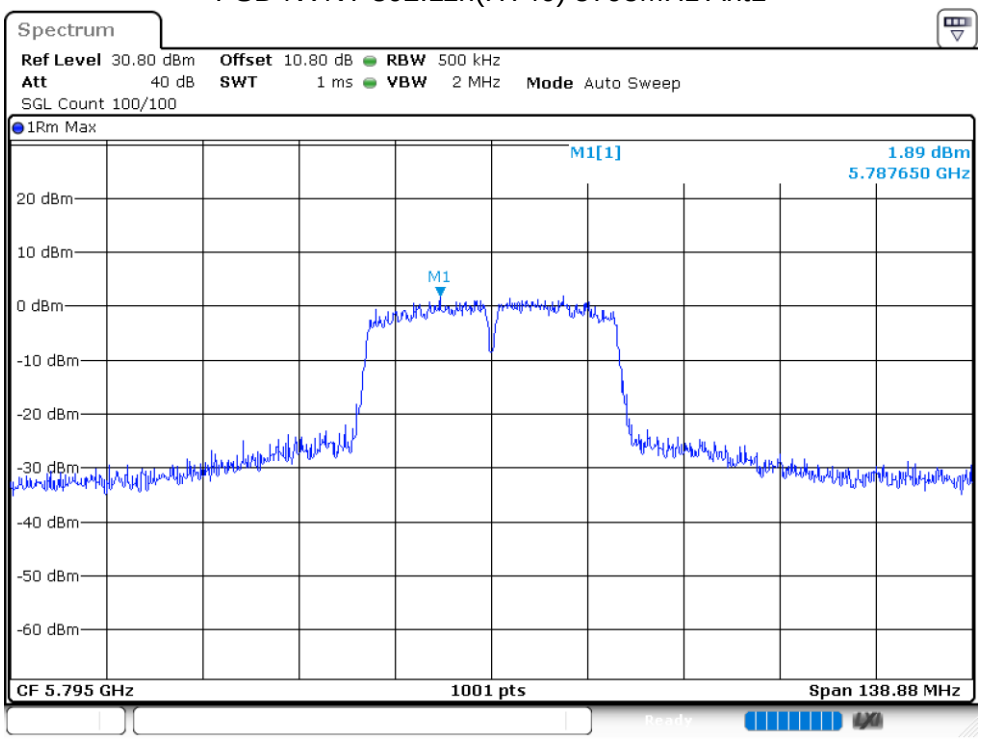
PSD NVNT 802.11n(HT20) 5825MHz Ant1



PSD NVNT 802.11n(HT40) 5755MHz Ant1



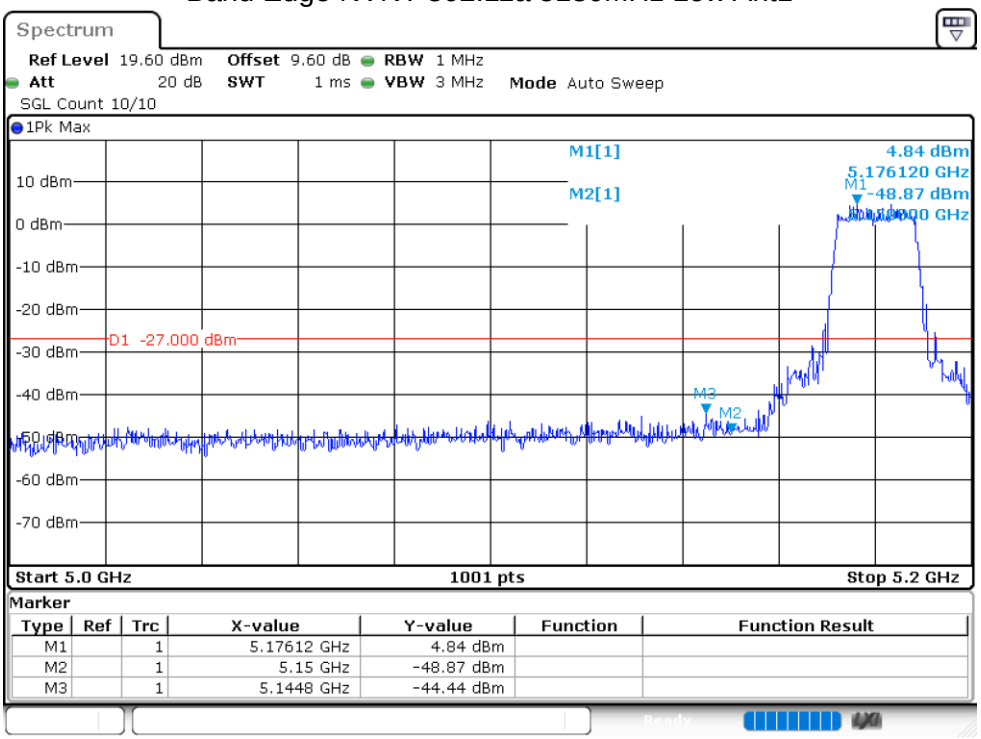
PSD NVNT 802.11n(HT40) 5795MHz Ant1



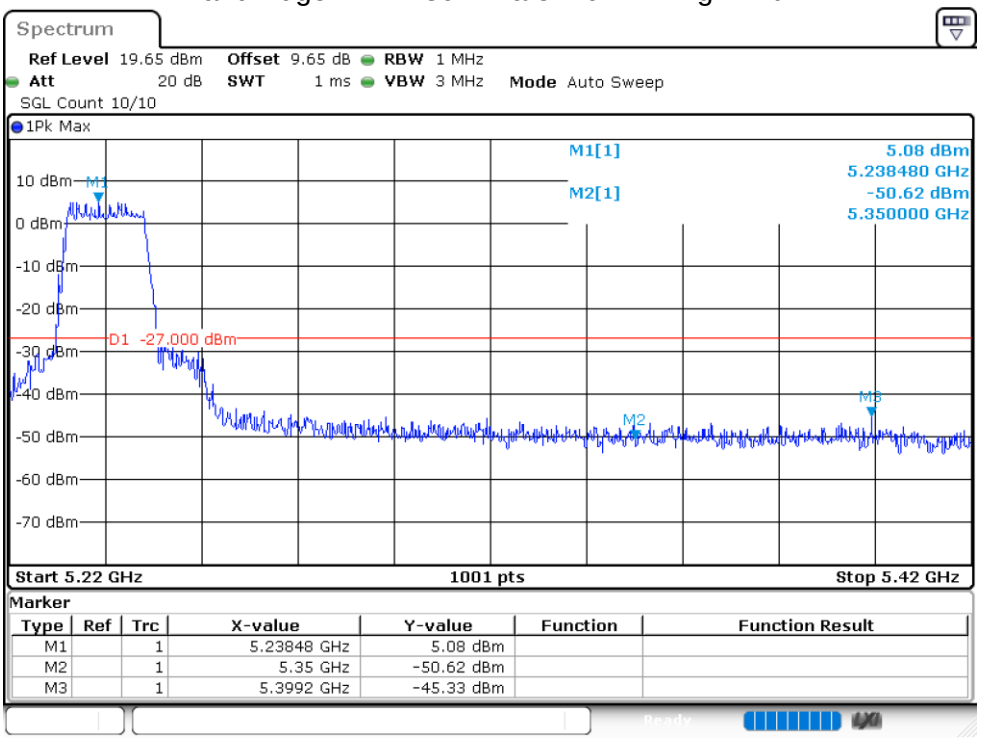
5.6 BAND EDGE

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5180	Ant 1	-44.44	-27	Pass
NVNT	802.11a	5240	Ant 1	-45.33	-27	Pass
NVNT	802.11n(HT20)	5180	Ant 1	-44.11	-27	Pass
NVNT	802.11n(HT20)	5240	Ant 1	-45.5	-27	Pass
NVNT	802.11n(HT40)	5190	Ant 1	-38.07	-27	Pass
NVNT	802.11n(HT40)	5230	Ant 1	-46.57	-27	Pass

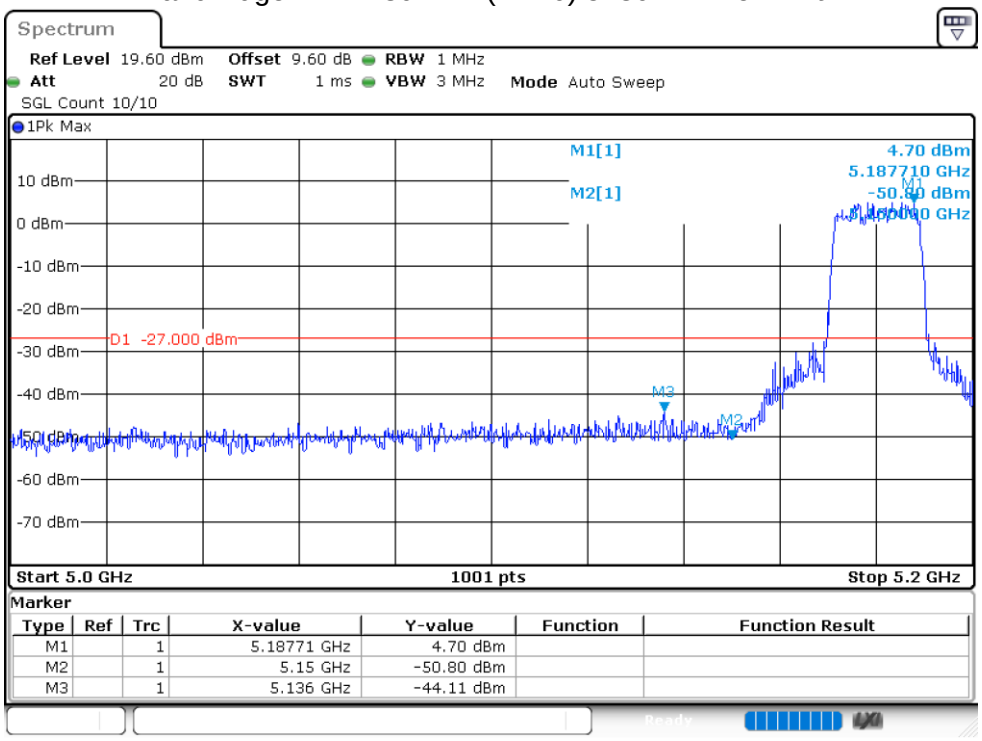
Band Edge NVNT 802.11a 5180MHz Low Ant1



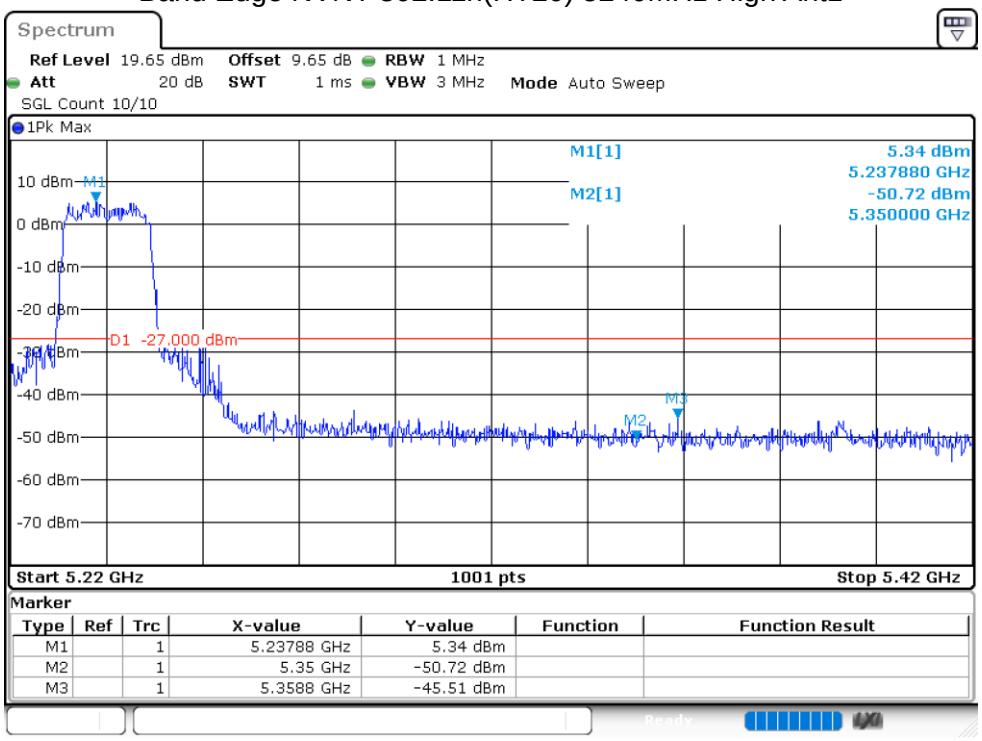
Band Edge NVNT 802.11a 5240MHz High Ant1



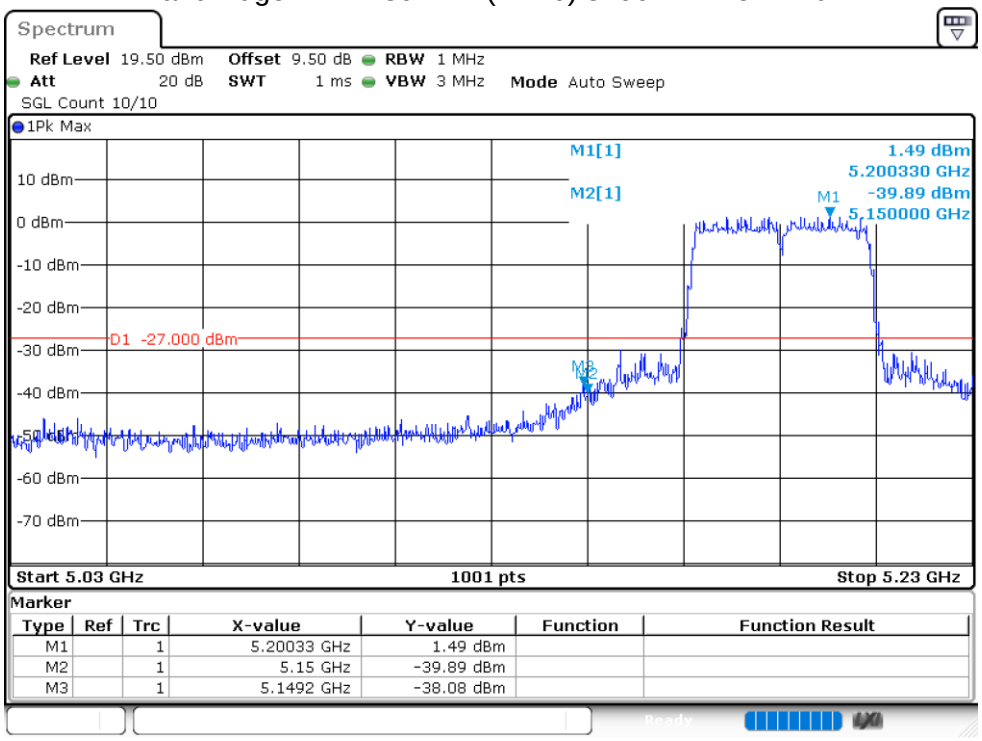
Band Edge NVNT 802.11n(HT20) 5180MHz Low Ant1



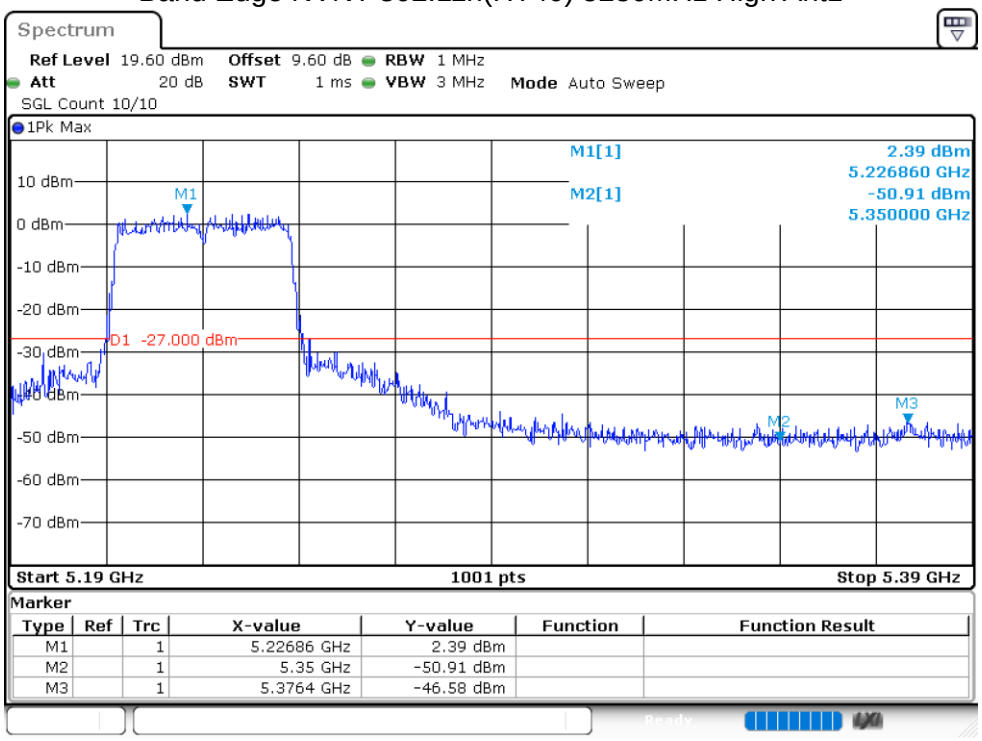
Band Edge NVNT 802.11n(HT20) 5240MHz High Ant1



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

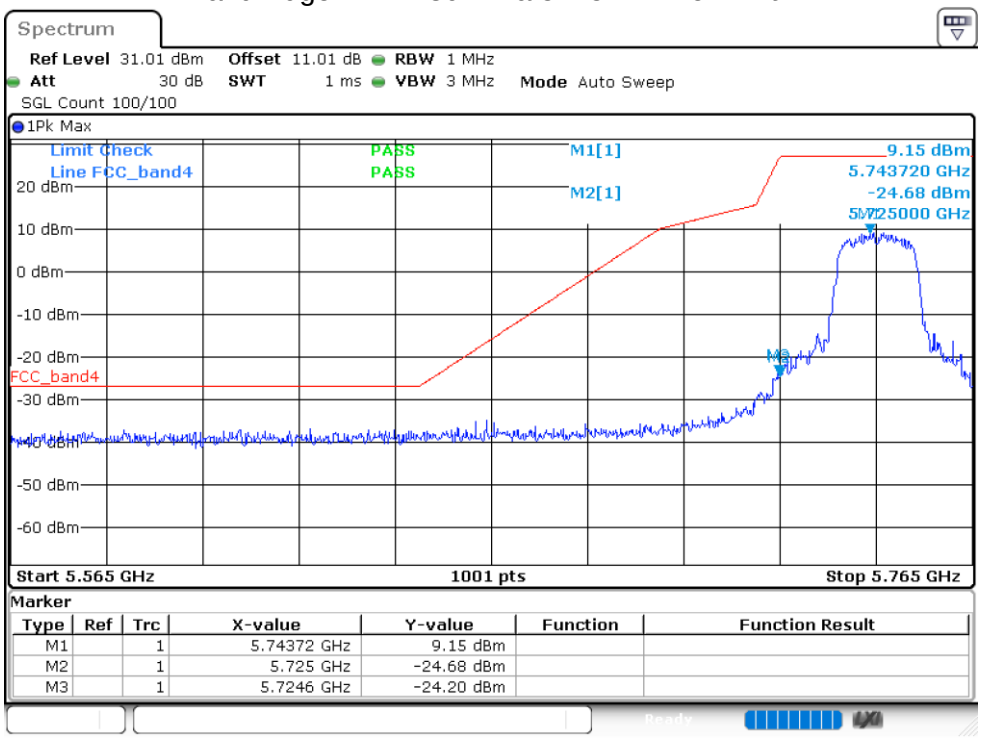


Band Edge NVNT 802.11n(HT40) 5230MHz High Ant1

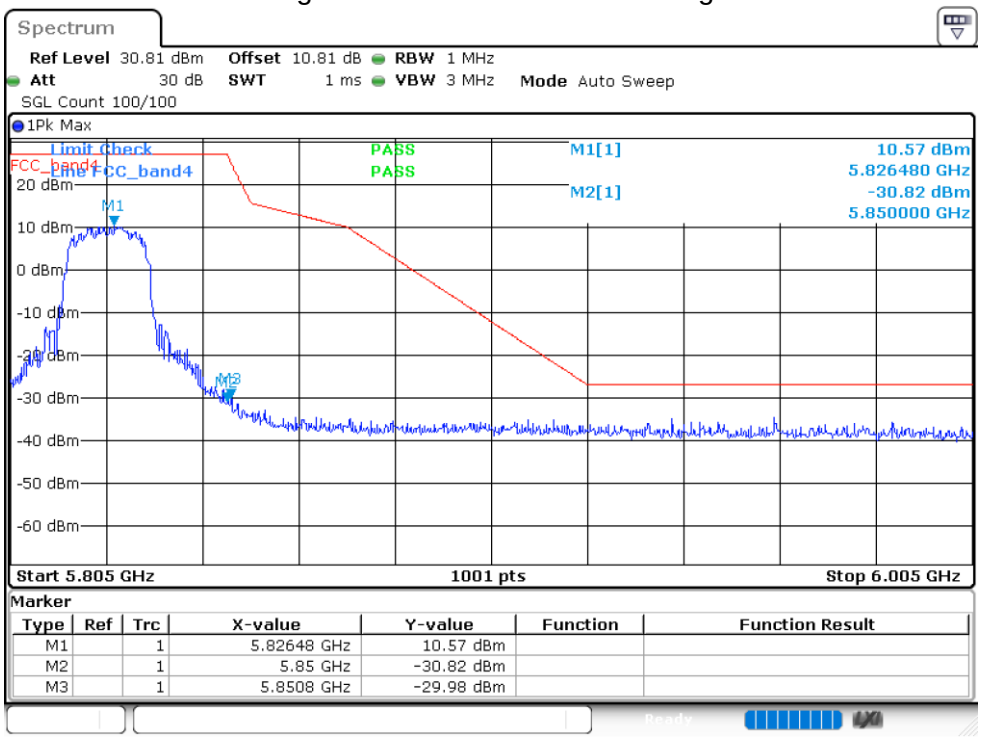


Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	-24.19	Pass
NVNT	802.11a	5825	Ant 1	-29.97	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-18.75	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-30.73	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-19.84	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-31.27	Pass

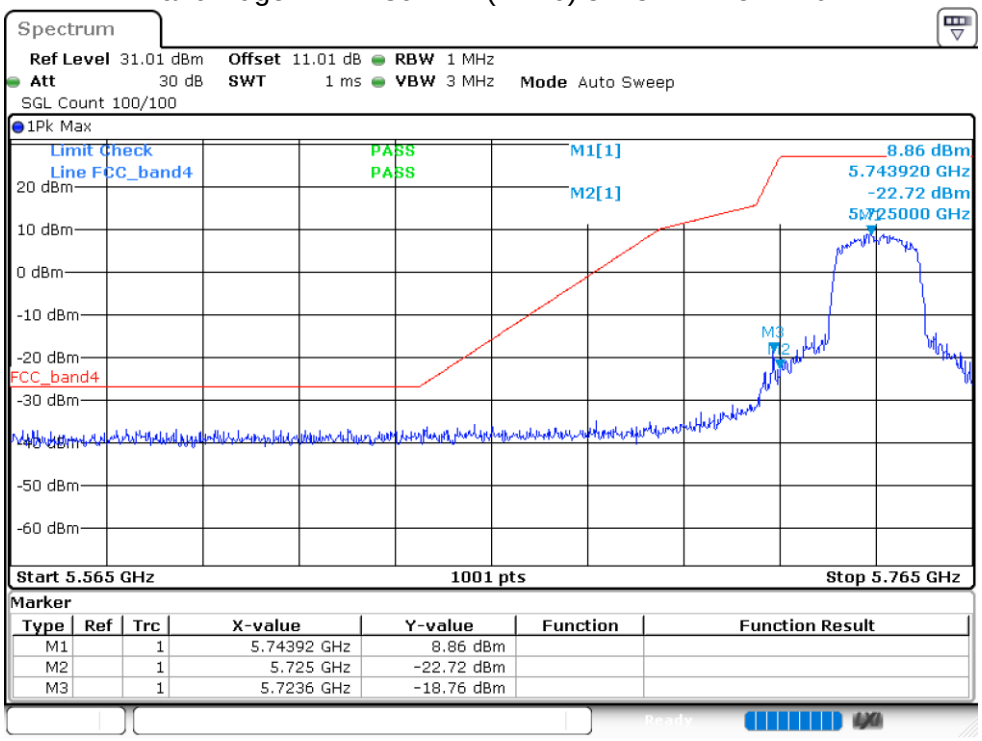
Band Edge NVNT 802.11a 5745MHz Low Ant1



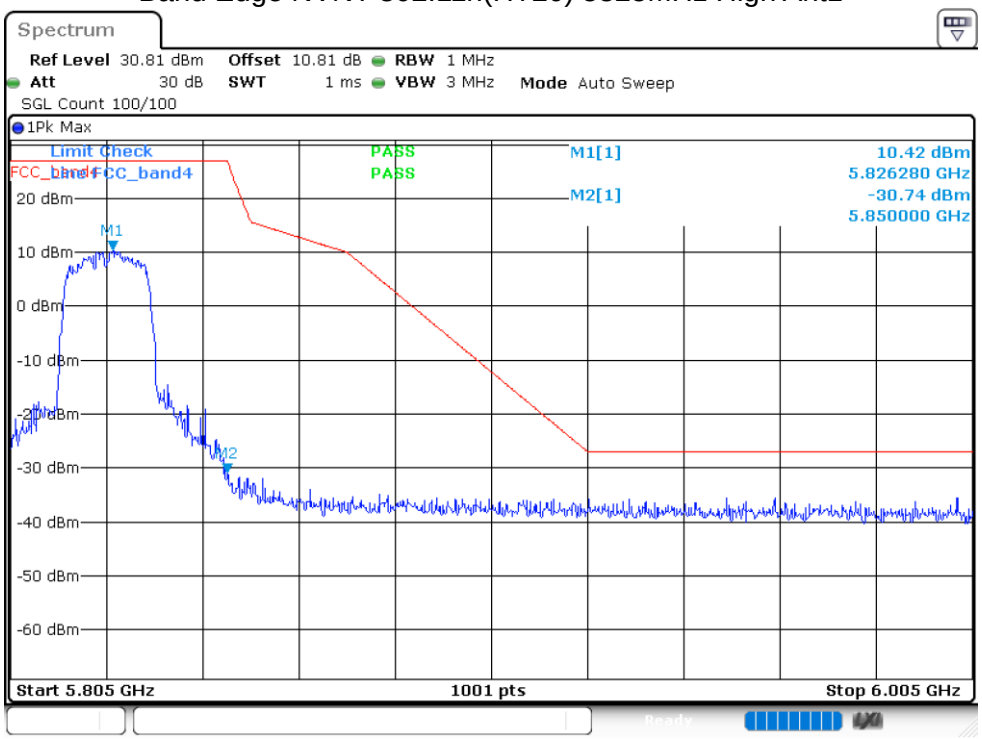
Band Edge NVNT 802.11a 5825MHz High Ant1



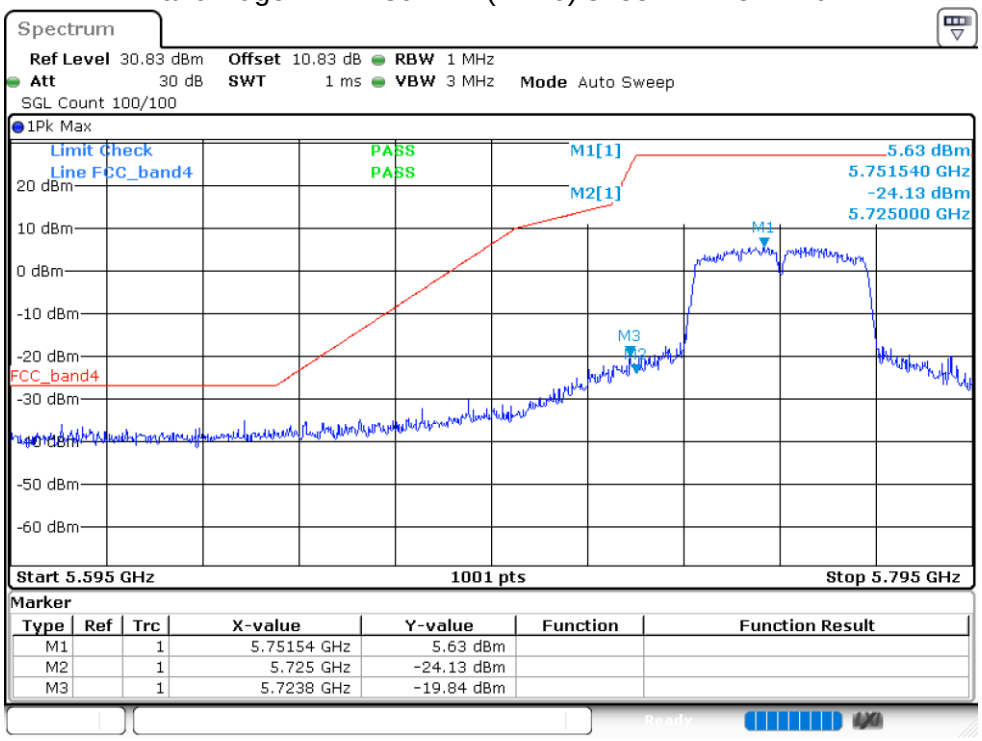
Band Edge NVNT 802.11n(HT20) 5745MHz Low Ant1



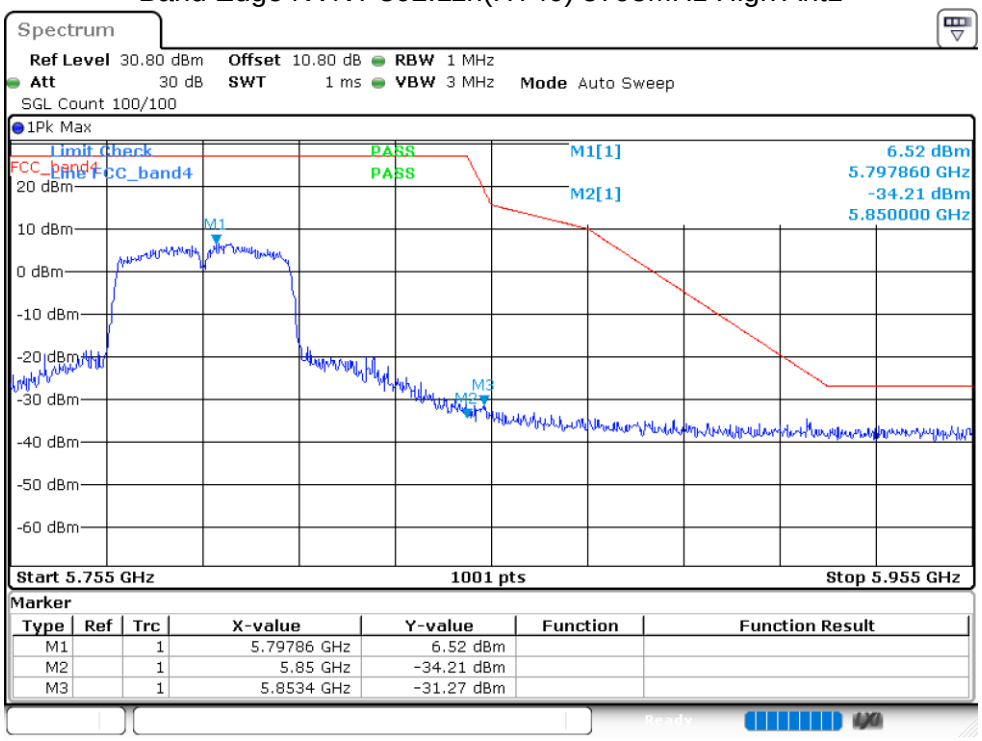
Band Edge NVNT 802.11n(HT20) 5825MHz High Ant1



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



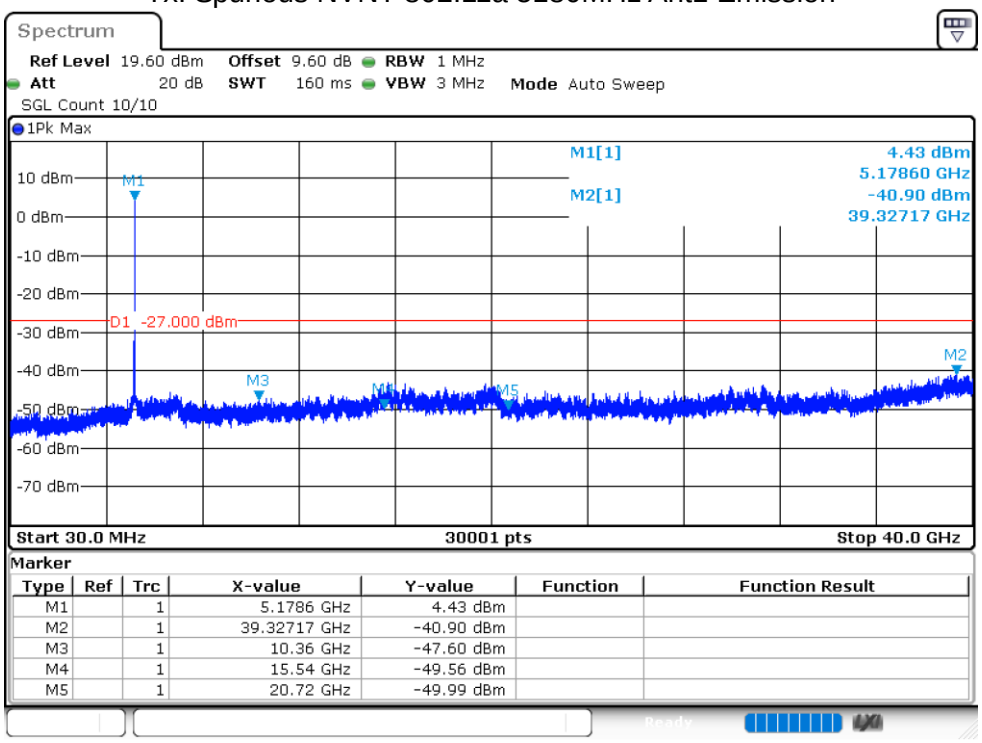
Band Edge NVNT 802.11n(HT40) 5795MHz High Ant1



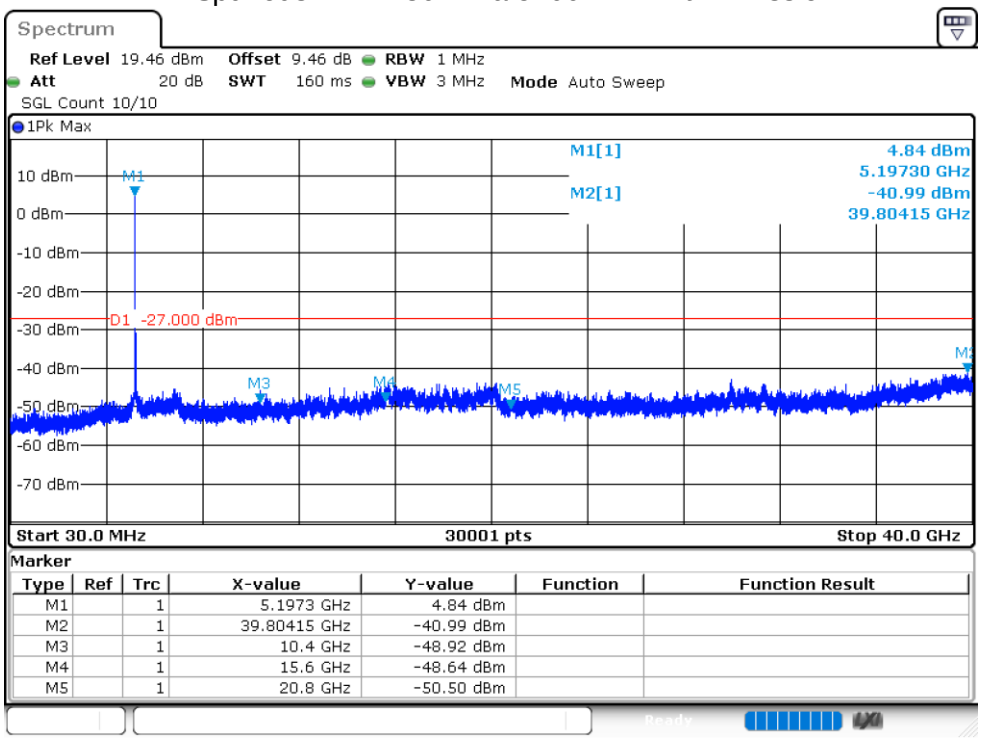
5.7 CONDUCTED RF SPURIOUS EMISSION

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11a	5180	Ant 1	-40.9	-27	Pass
NVNT	802.11a	5200	Ant 1	-40.99	-27	Pass
NVNT	802.11a	5240	Ant 1	-40.31	-27	Pass
NVNT	802.11n(HT20)	5180	Ant 1	-40.4	-27	Pass
NVNT	802.11n(HT20)	5200	Ant 1	-40.19	-27	Pass
NVNT	802.11n(HT20)	5240	Ant 1	-41.08	-27	Pass
NVNT	802.11n(HT40)	5190	Ant 1	-40.19	-27	Pass
NVNT	802.11n(HT40)	5230	Ant 1	-40.15	-27	Pass

Tx. Spurious NVNT 802.11a 5180MHz Ant1 Emission



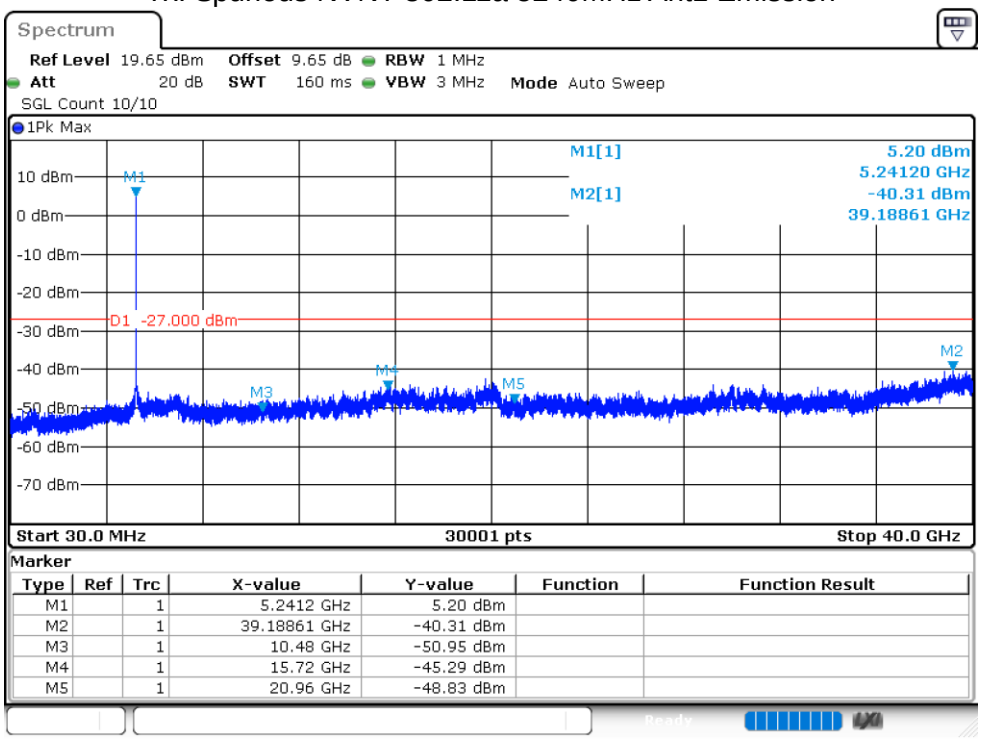
Tx. Spurious NVNT 802.11a 5200MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.1973 GHz	4.84 dBm		
M2		1	39.80415 GHz	-40.99 dBm		
M3		1	10.4 GHz	-48.92 dBm		
M4		1	15.6 GHz	-48.64 dBm		
M5		1	20.8 GHz	-50.50 dBm		

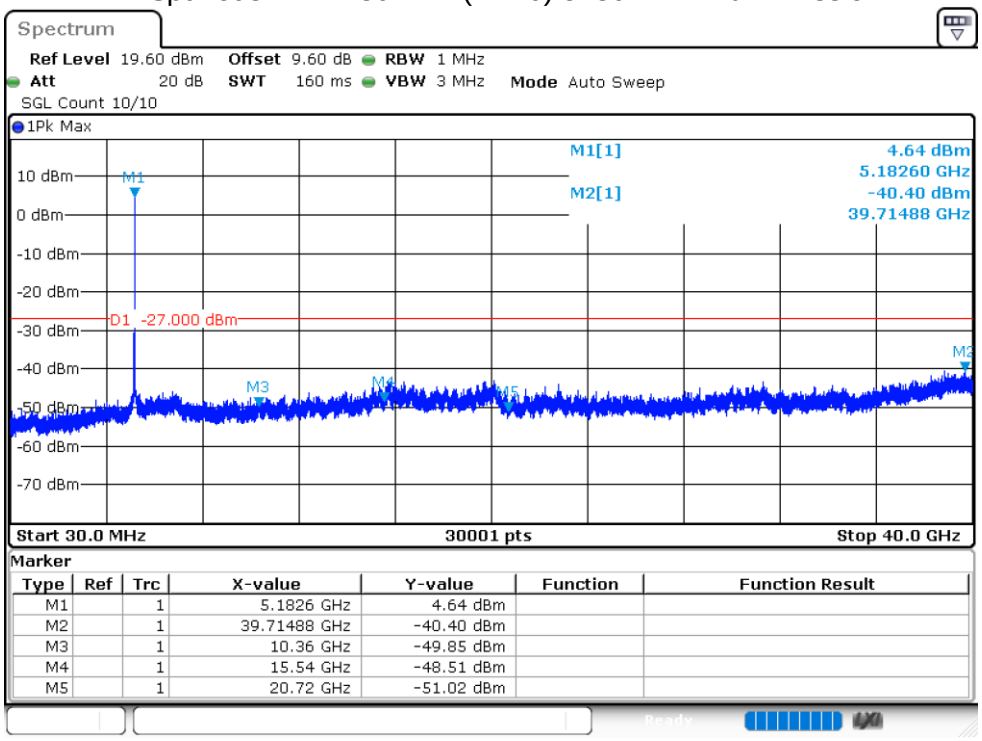
Tx. Spurious NVNT 802.11a 5240MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2412 GHz	5.20 dBm		
M2		1	39.18861 GHz	-40.31 dBm		
M3		1	10.48 GHz	-50.95 dBm		
M4		1	15.72 GHz	-45.29 dBm		
M5		1	20.96 GHz	-48.83 dBm		

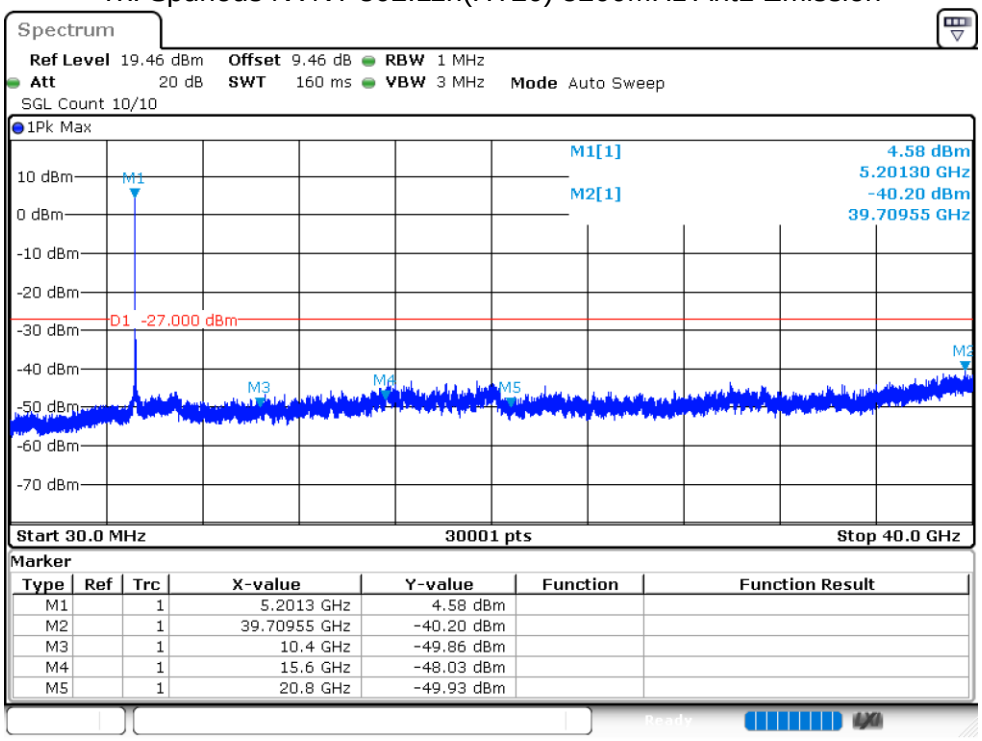
Tx. Spurious NVNT 802.11n(HT20) 5180MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.1826 GHz	4.64 dBm		
M2		1	39.71488 GHz	-40.40 dBm		
M3		1	10.36 GHz	-49.85 dBm		
M4		1	15.54 GHz	-48.51 dBm		
M5		1	20.72 GHz	-51.02 dBm		

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



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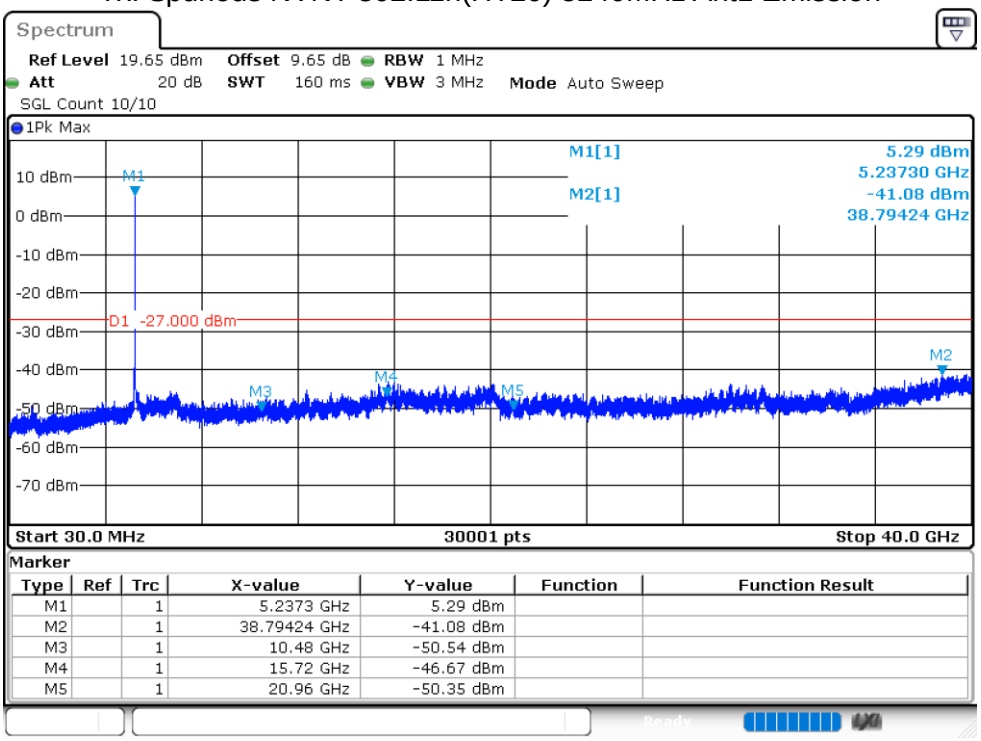
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2013 GHz	4.58 dBm		
M2		1	39.70955 GHz	-40.20 dBm		
M3		1	10.4 GHz	-49.86 dBm		
M4		1	15.6 GHz	-48.03 dBm		
M5		1	20.8 GHz	-49.93 dBm		

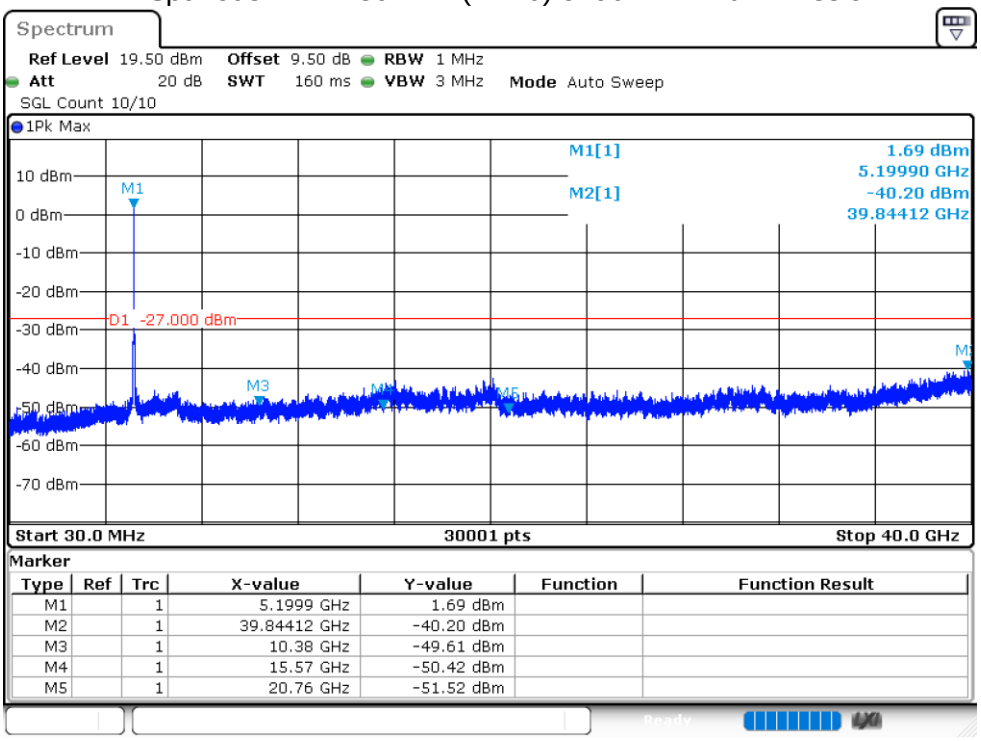
Tx. Spurious NVNT 802.11n(HT20) 5240MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2373 GHz	5.29 dBm		
M2		1	38.79424 GHz	-41.08 dBm		
M3		1	10.48 GHz	-50.54 dBm		
M4		1	15.72 GHz	-46.67 dBm		
M5		1	20.96 GHz	-50.35 dBm		

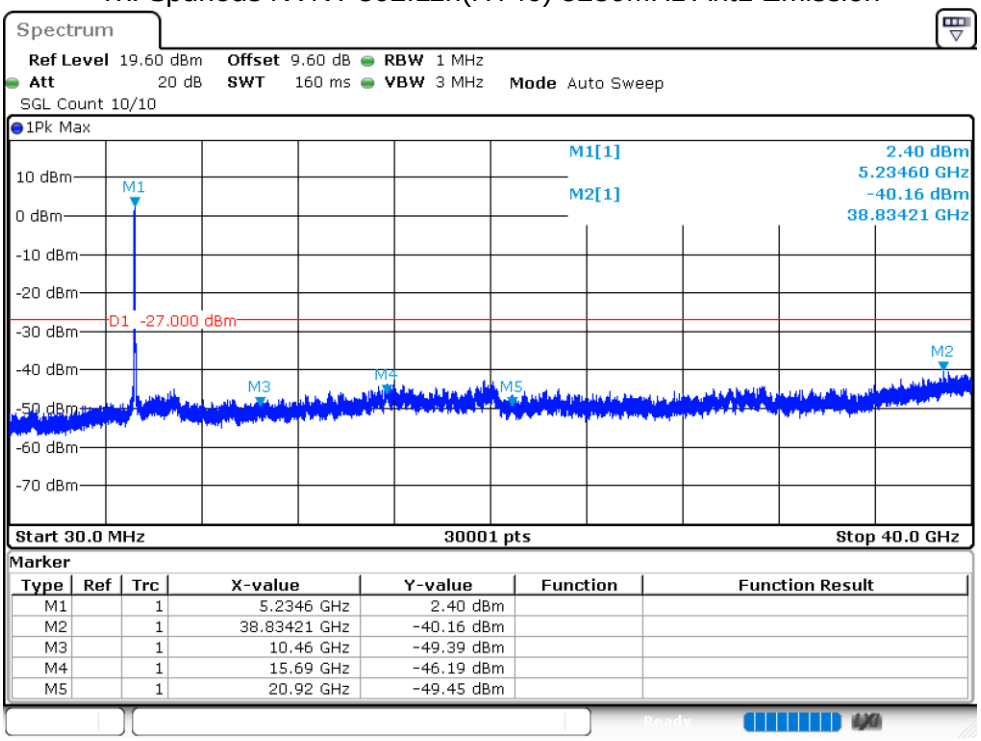
Tx. Spurious NVNT 802.11n(HT40) 5190MHz Ant1 Emission



Marker

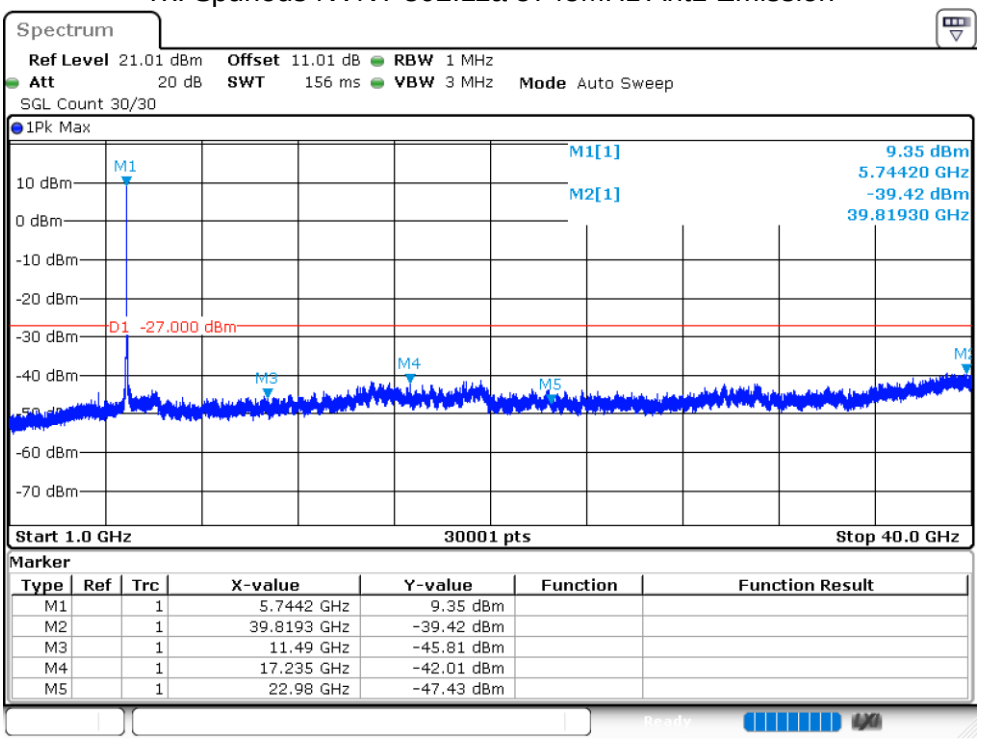
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.1999 GHz	1.69 dBm		
M2		1	39.84412 GHz	-40.20 dBm		
M3		1	10.38 GHz	-49.61 dBm		
M4		1	15.57 GHz	-50.42 dBm		
M5		1	20.76 GHz	-51.52 dBm		

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	-39.42	-27	Pass
NVNT	802.11a	5785	Ant 1	-39.47	-27	Pass
NVNT	802.11a	5825	Ant 1	-39.25	-27	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-38.73	-27	Pass
NVNT	802.11n(HT20)	5785	Ant 1	-38.87	-27	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-39.15	-27	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-39.18	-27	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-38.37	-27	Pass

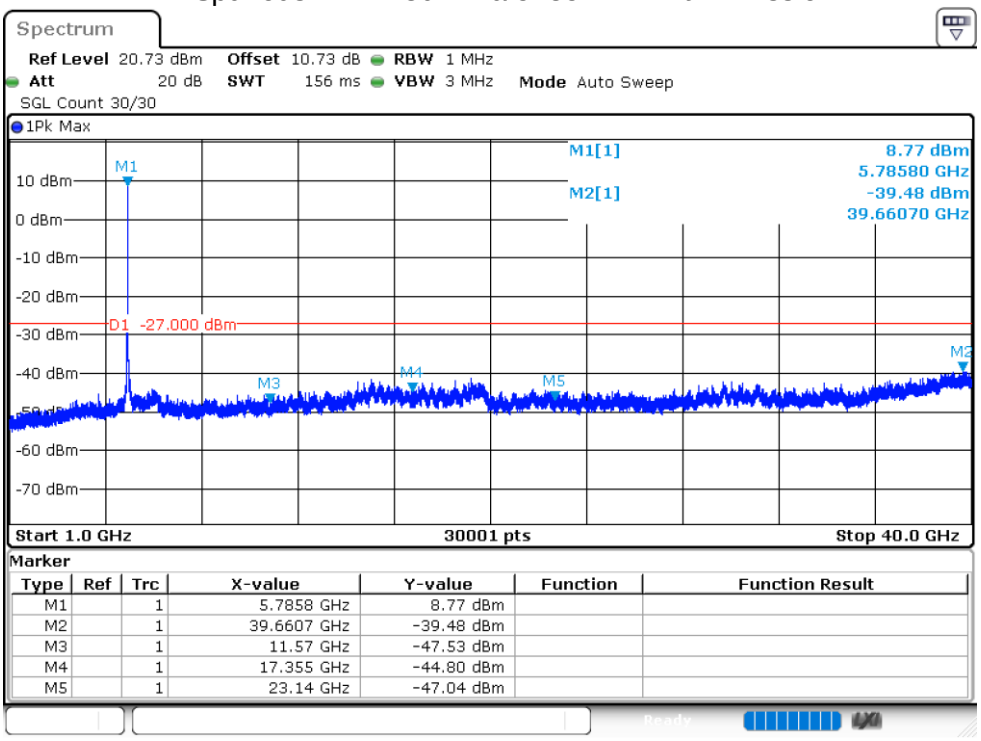
Tx. Spurious NVNT 802.11a 5745MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7442 GHz	9.35 dBm		
M2		1	39.8193 GHz	-39.42 dBm		
M3		1	11.49 GHz	-45.81 dBm		
M4		1	17.235 GHz	-42.01 dBm		
M5		1	22.98 GHz	-47.43 dBm		

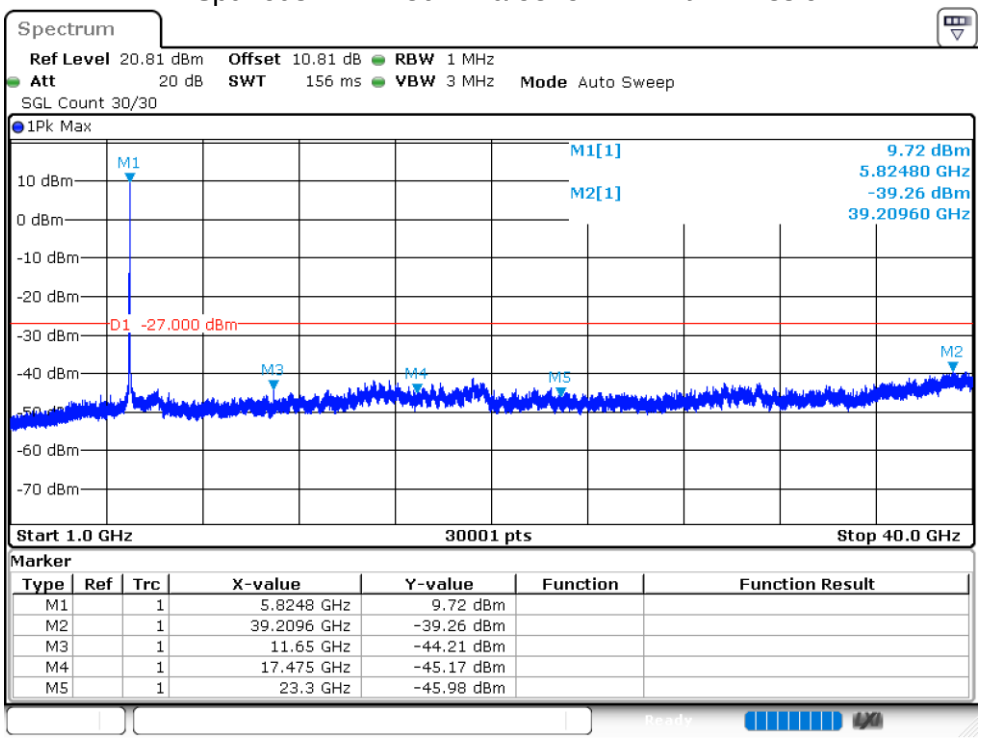
Tx. Spurious NVNT 802.11a 5785MHz Ant1 Emission



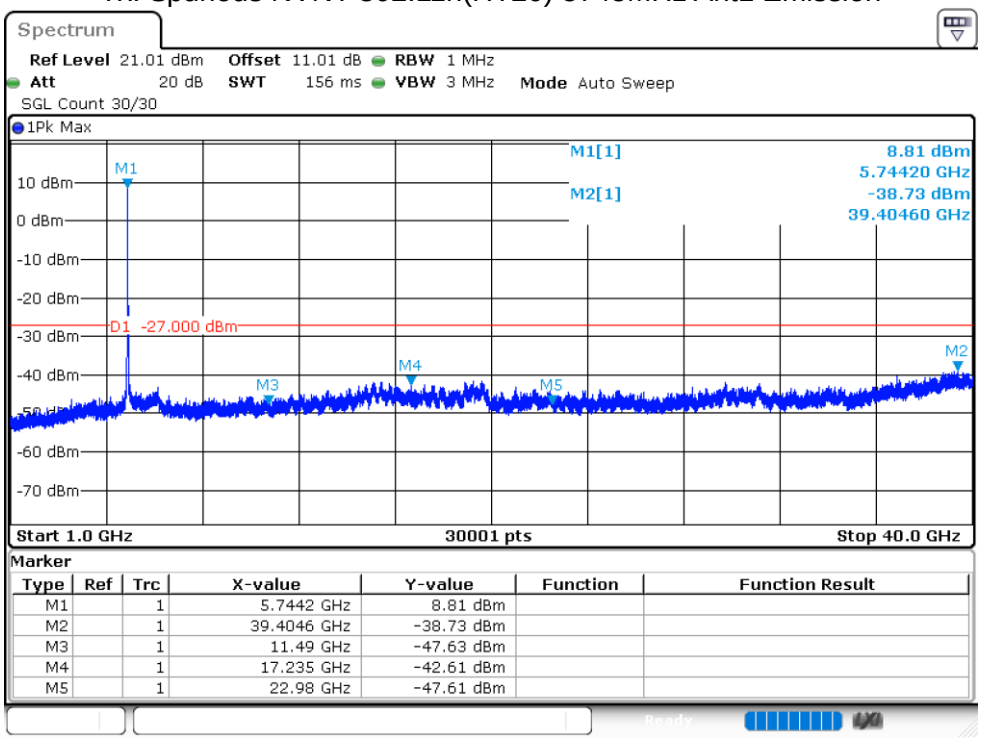
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7858 GHz	8.77 dBm		
M2		1	39.6607 GHz	-39.48 dBm		
M3		1	11.57 GHz	-47.53 dBm		
M4		1	17.355 GHz	-44.80 dBm		
M5		1	23.14 GHz	-47.04 dBm		

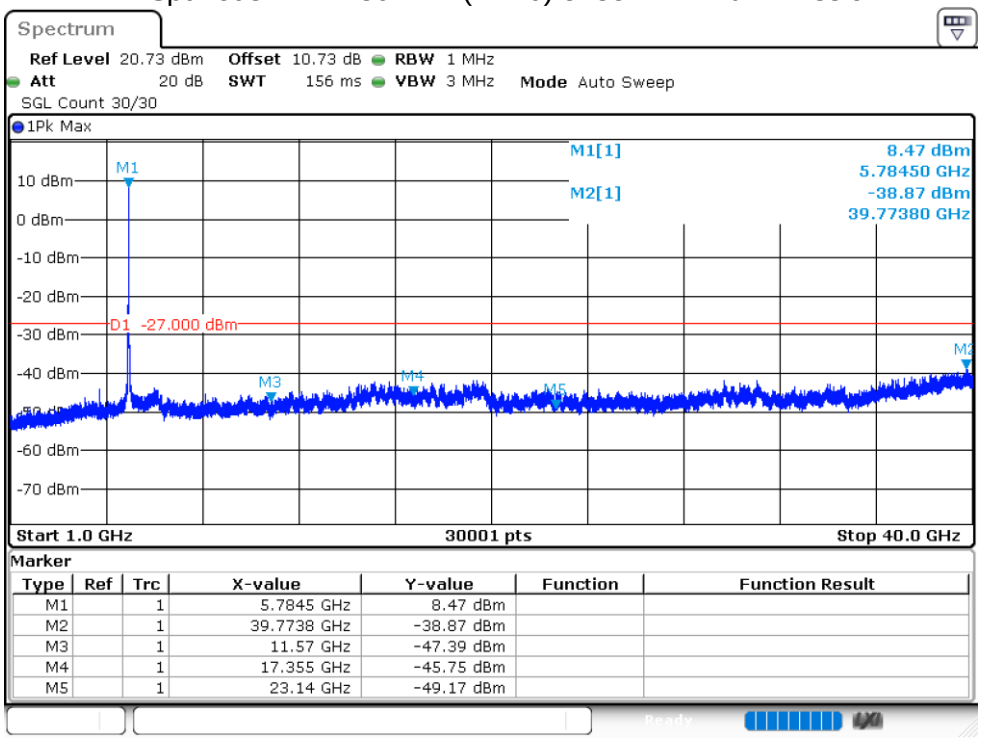
Tx. Spurious NVNT 802.11a 5825MHz Ant1 Emission



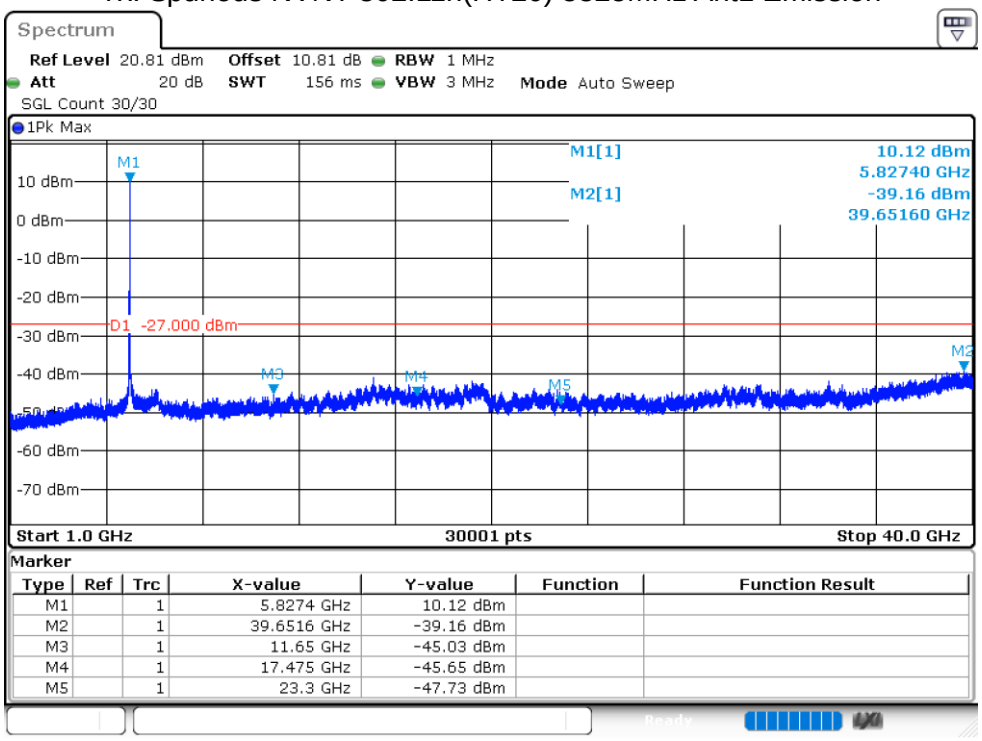
Tx. Spurious NVNT 802.11n(HT20) 5745MHz Ant1 Emission



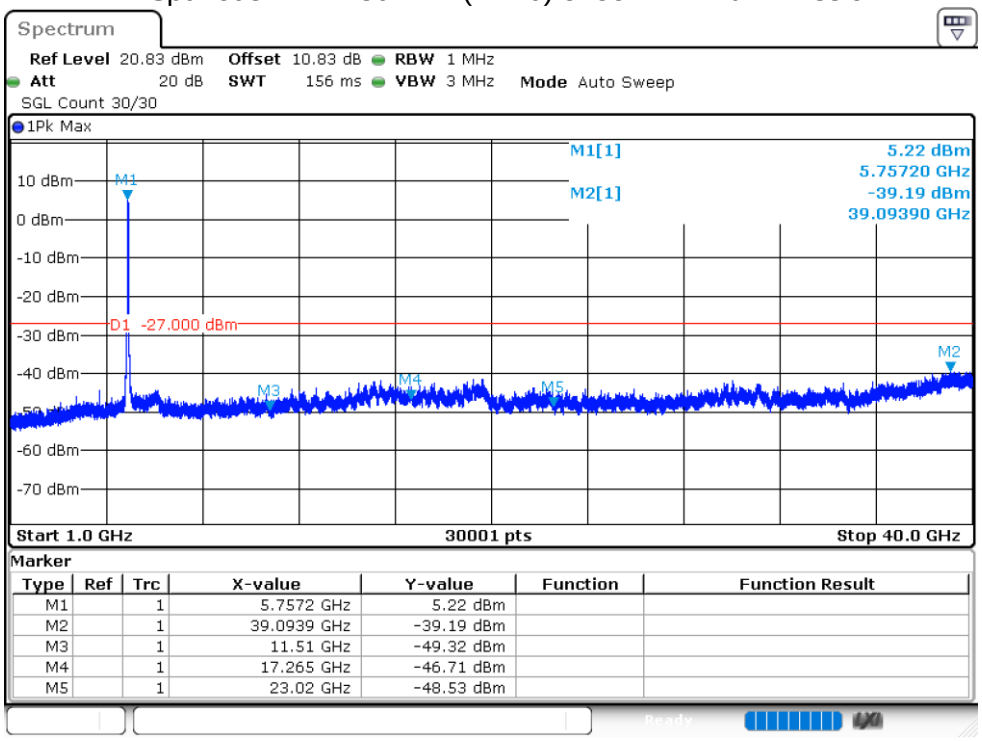
Tx. Spurious NVNT 802.11n(HT20) 5785MHz Ant1 Emission



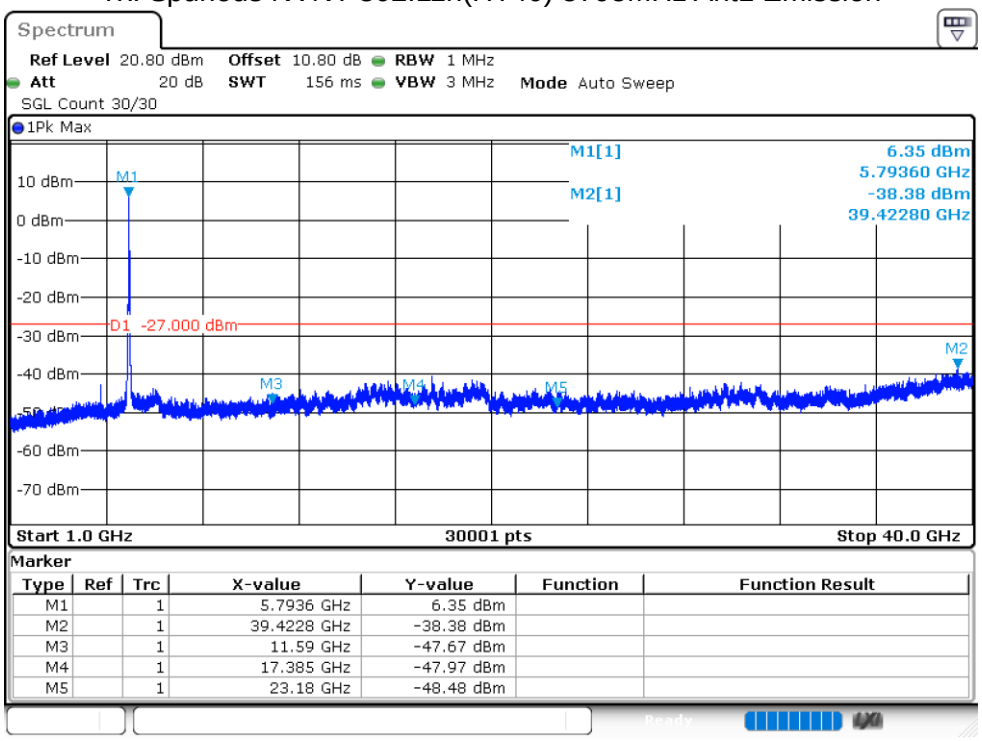
Tx. Spurious NVNT 802.11n(HT20) 5825MHz Ant1 Emission



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



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



END OF REPORT