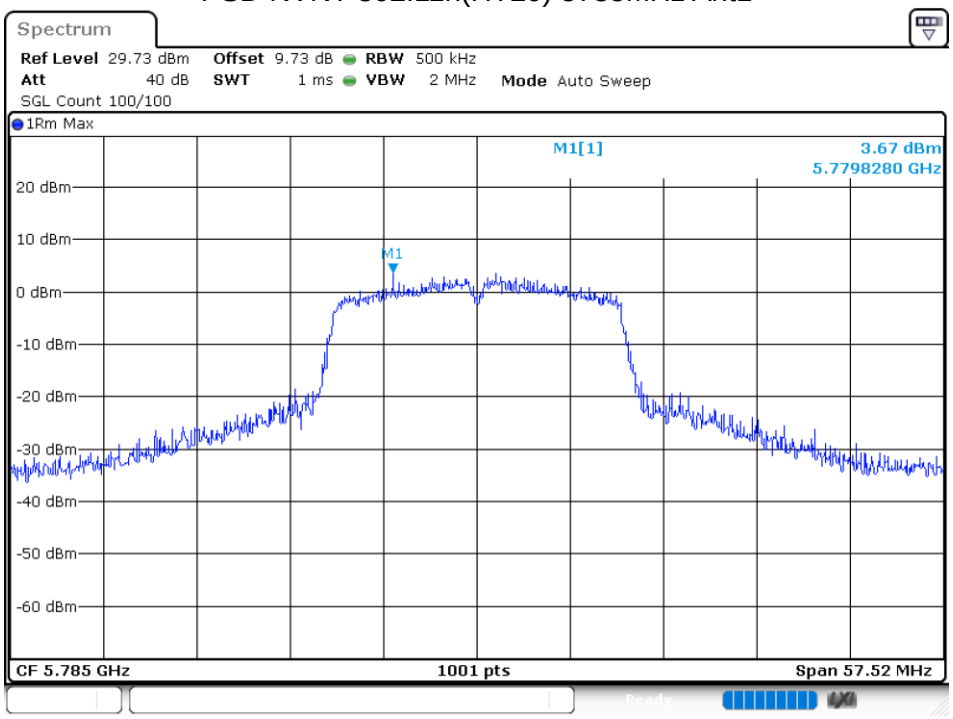
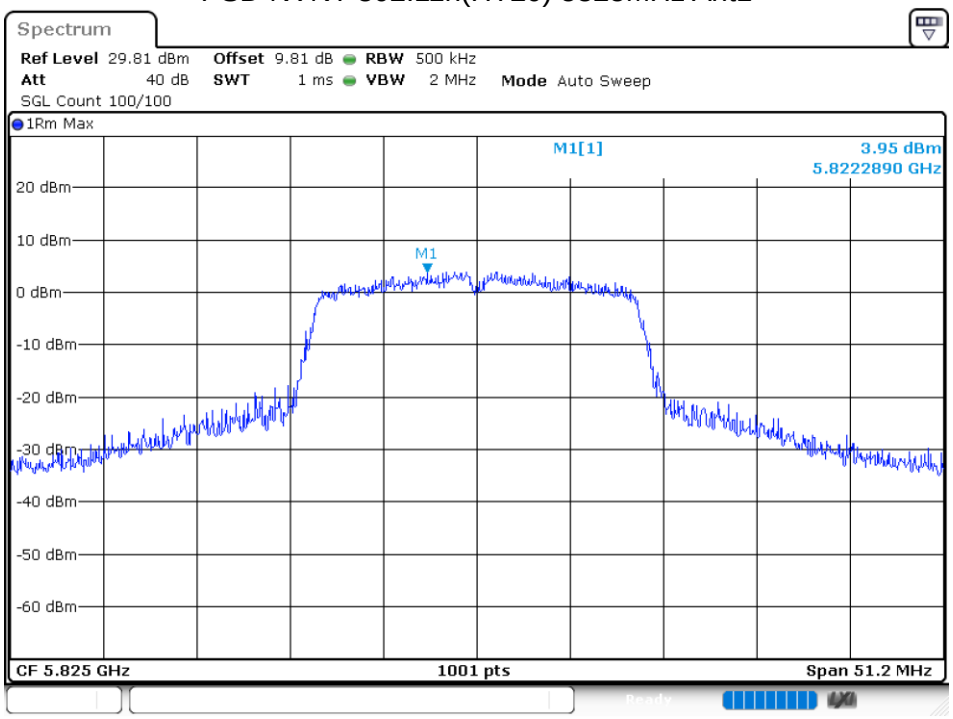
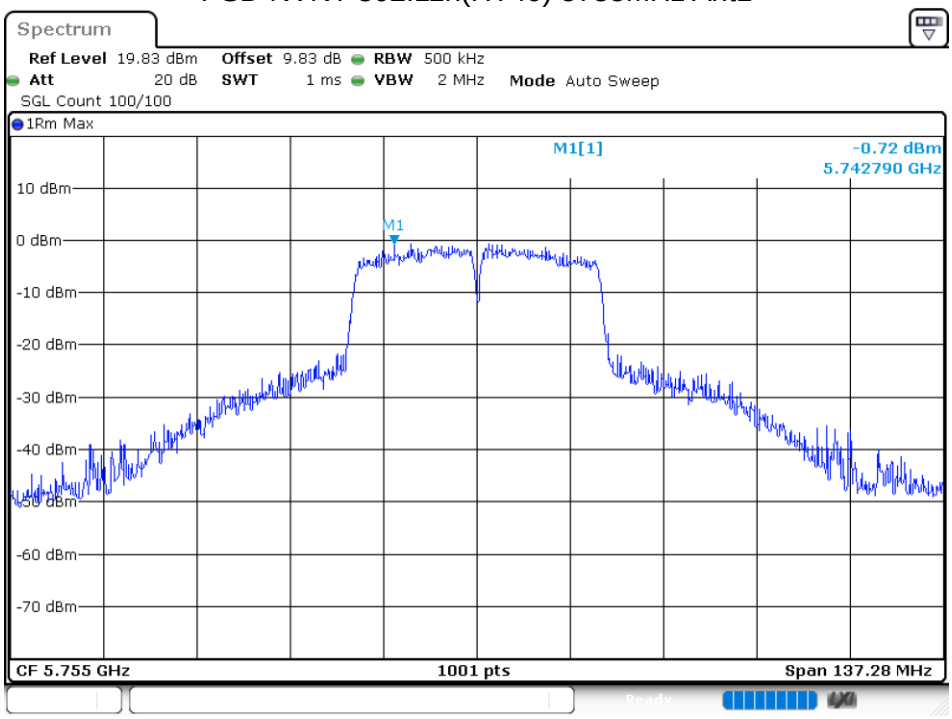
PSD NVNT 802.11n(HT20) 5785MHz Ant1



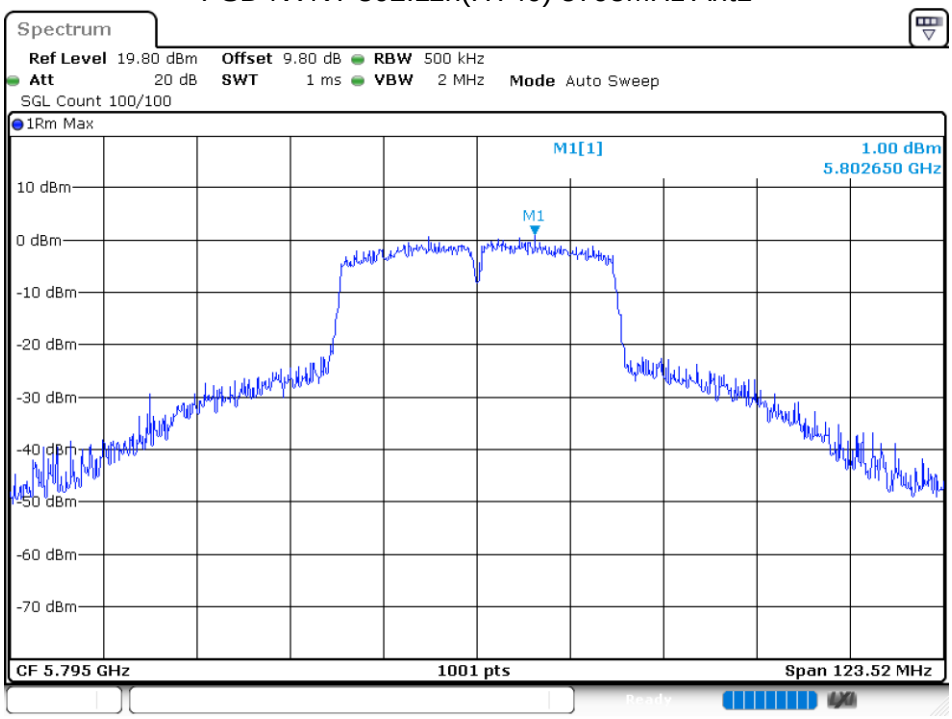
PSD NVNT 802.11n(HT20) 5825MHz Ant1



PSD NVNT 802.11n(HT40) 5755MHz Ant1



PSD NVNT 802.11n(HT40) 5795MHz Ant1

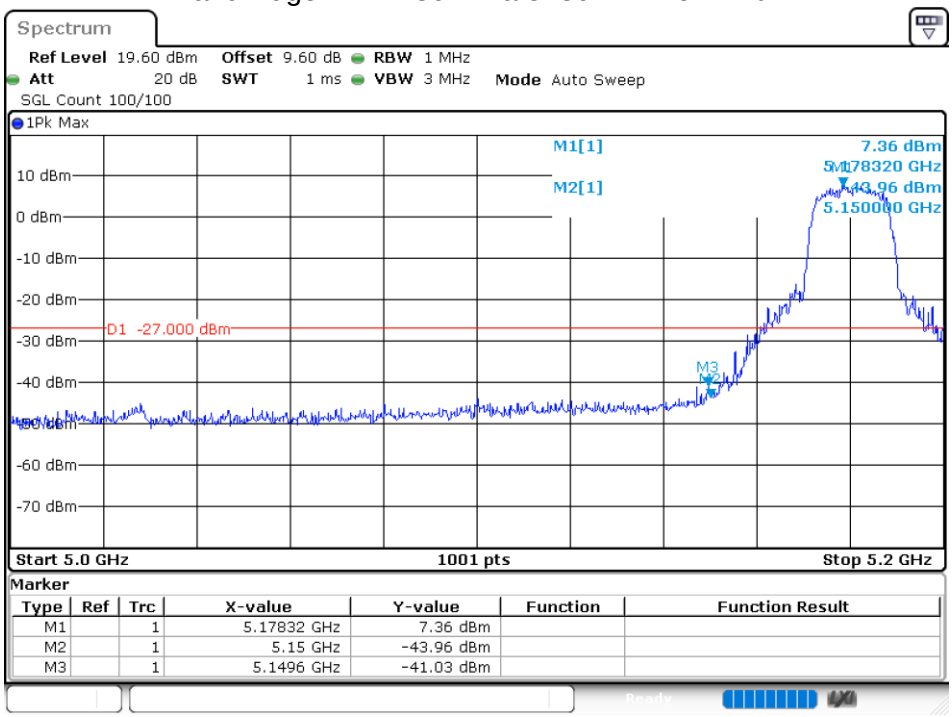


5.6 BAND EDGE

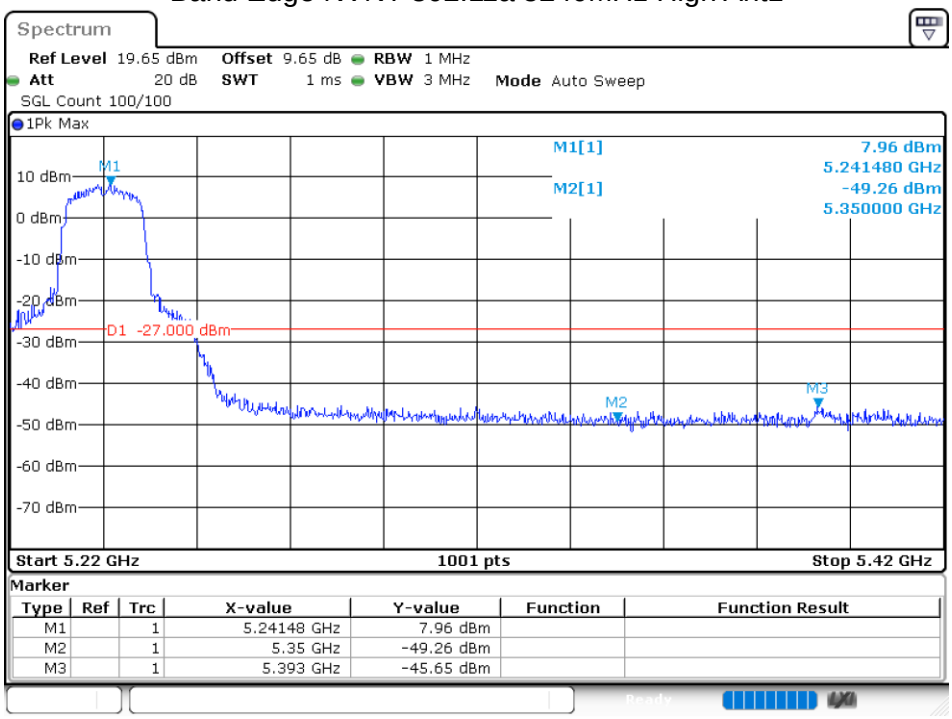
5.2G:

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5180	Ant 1	-41.02	-27	Pass
NVNT	802.11a	5240	Ant 1	-45.65	-27	Pass
NVNT	802.11ac20	5180	Ant 1	-37.15	-27	Pass
NVNT	802.11ac20	5240	Ant 1	-45.77	-27	Pass
NVNT	802.11ac40	5190	Ant 1	-27.16	-27	Pass
NVNT	802.11ac40	5230	Ant 1	-44.53	-27	Pass
NVNT	802.11n(HT20)	5180	Ant 1	-38.94	-27	Pass
NVNT	802.11n(HT20)	5240	Ant 1	-44.97	-27	Pass
NVNT	802.11n(HT40)	5190	Ant 1	-28.66	-27	Pass
NVNT	802.11n(HT40)	5230	Ant 1	-45.63	-27	Pass

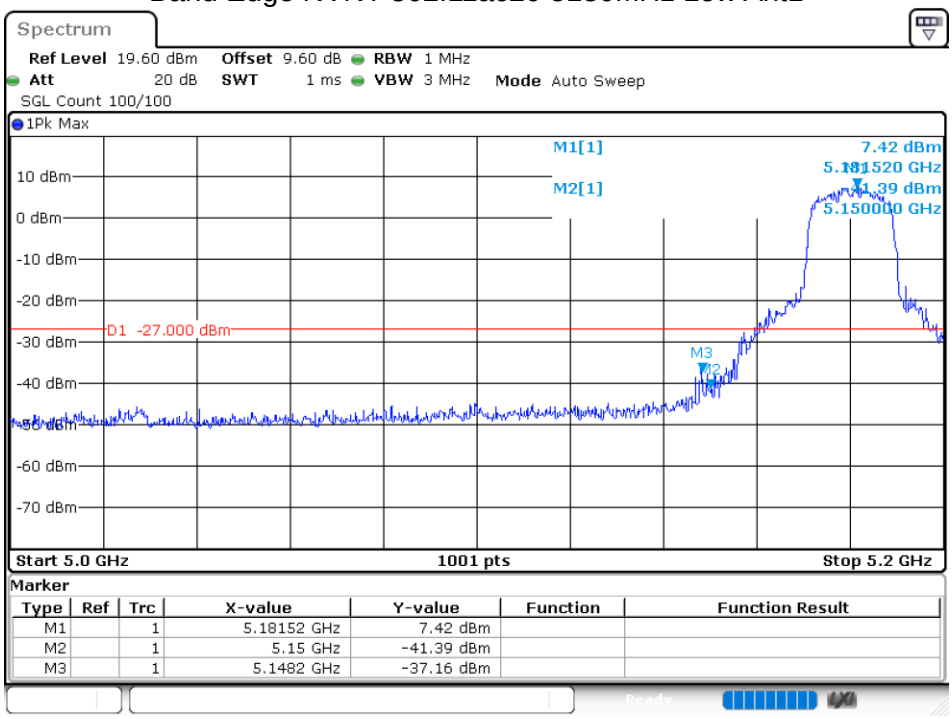
Band Edge NVNT 802.11a 5180MHz Low Ant1



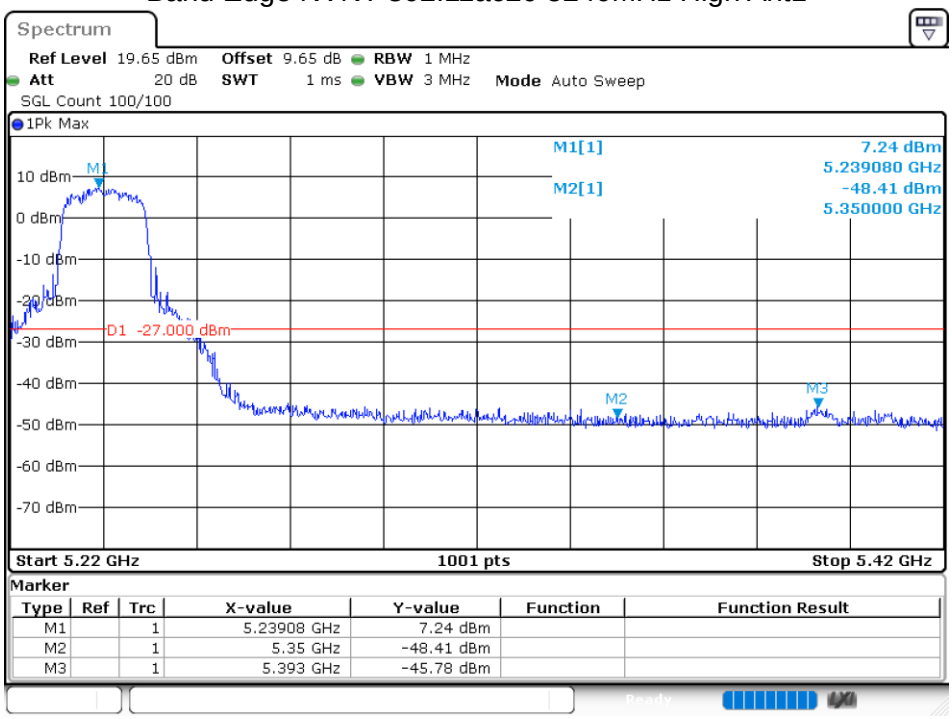
Band Edge NVNT 802.11a 5240MHz High Ant1



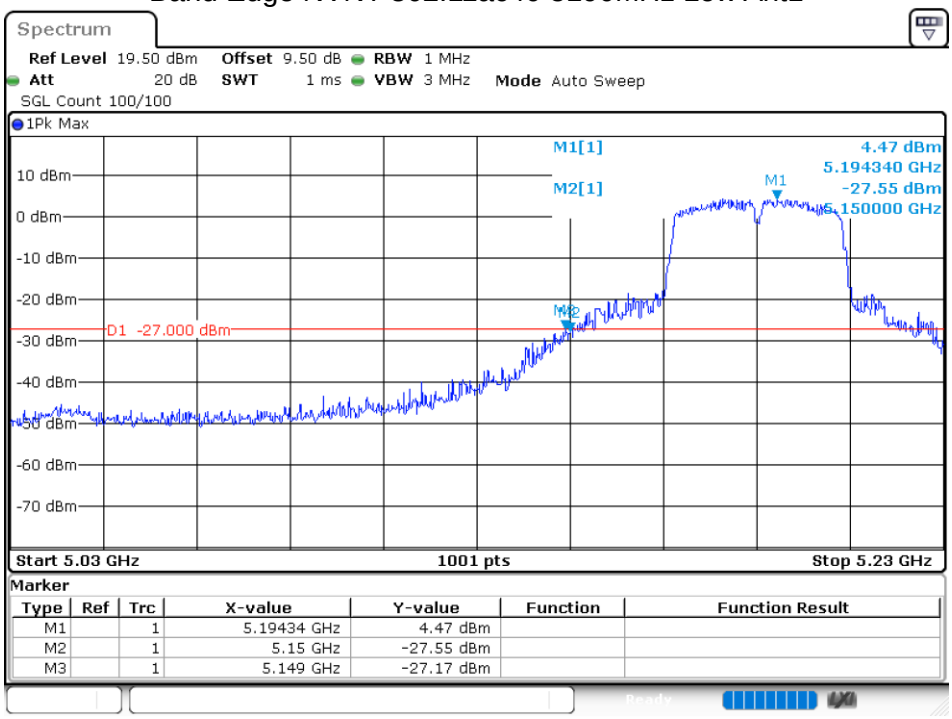
Band Edge NVNT 802.11ac20 5180MHz Low Ant1



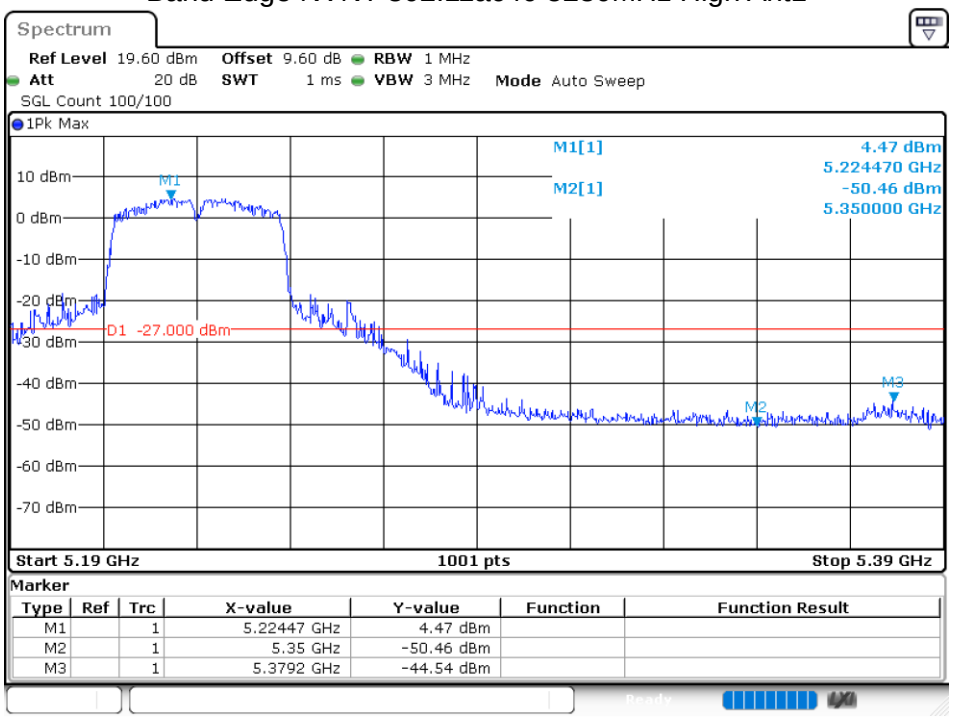
Band Edge NVNT 802.11ac20 5240MHz High Ant1



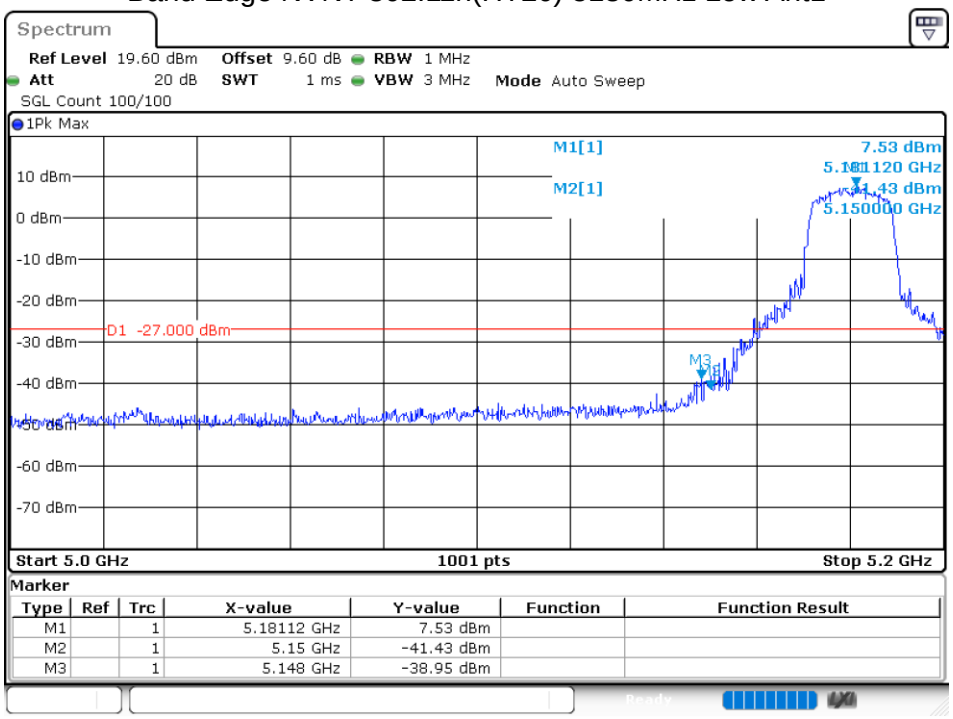
Band Edge NVNT 802.11ac40 5190MHz Low Ant1



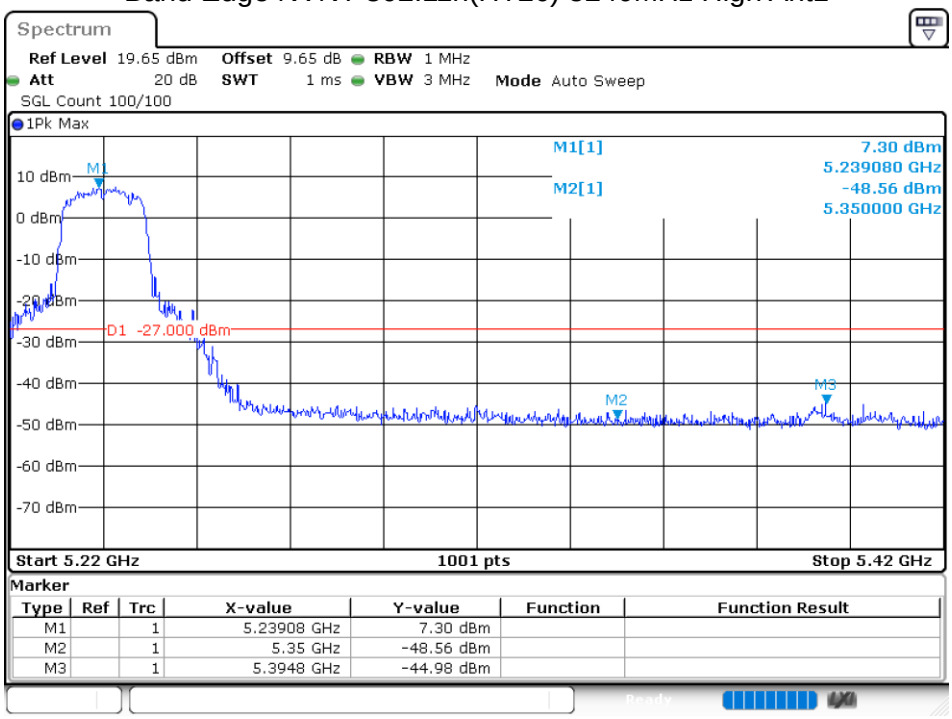
Band Edge NVNT 802.11ac40 5230MHz High Ant1



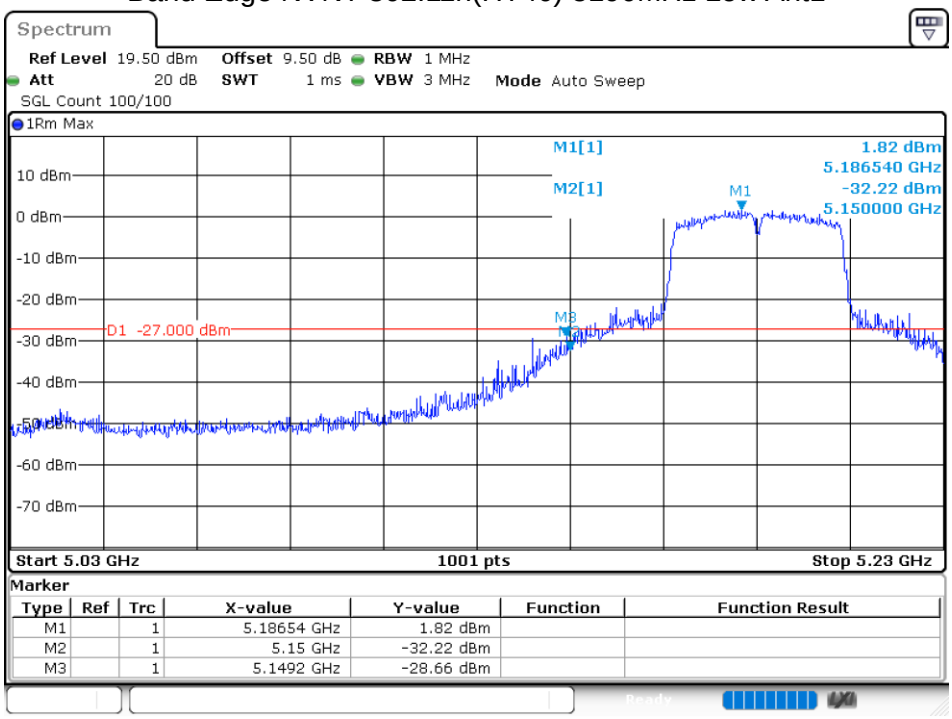
Band Edge NVNT 802.11n(HT20) 5180MHz Low Ant1



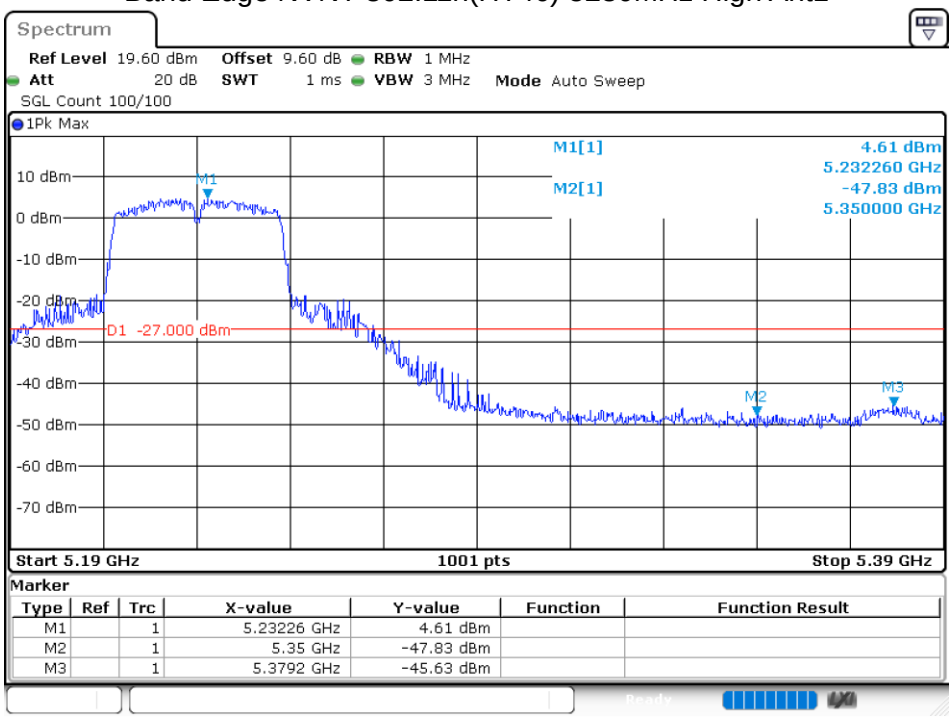
Band Edge NVNT 802.11n(HT20) 5240MHz High Ant1



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



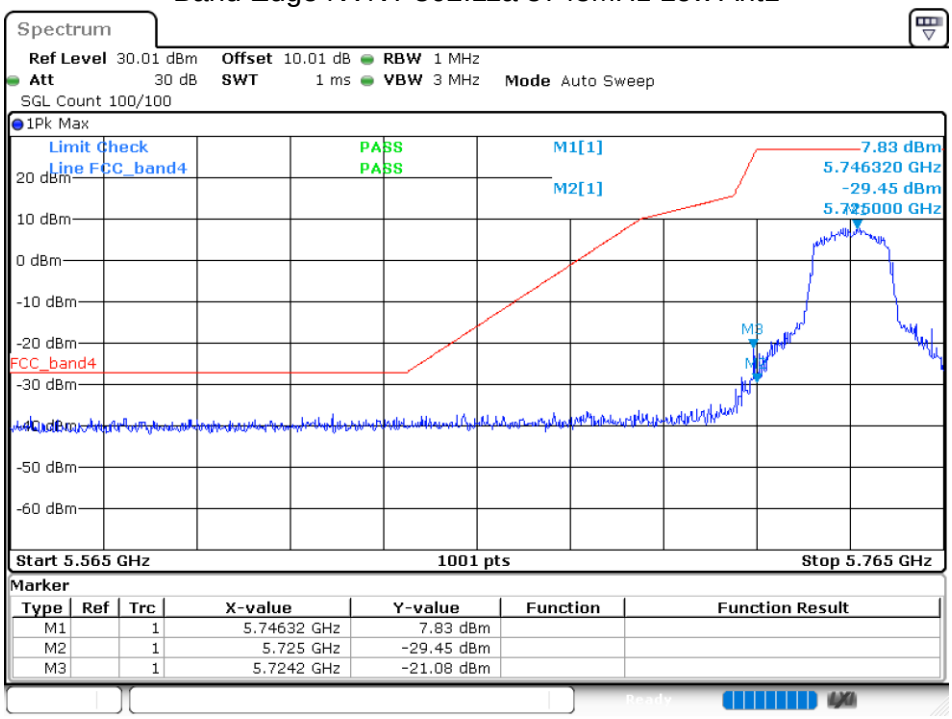
Band Edge NVNT 802.11n(HT40) 5230MHz High Ant1



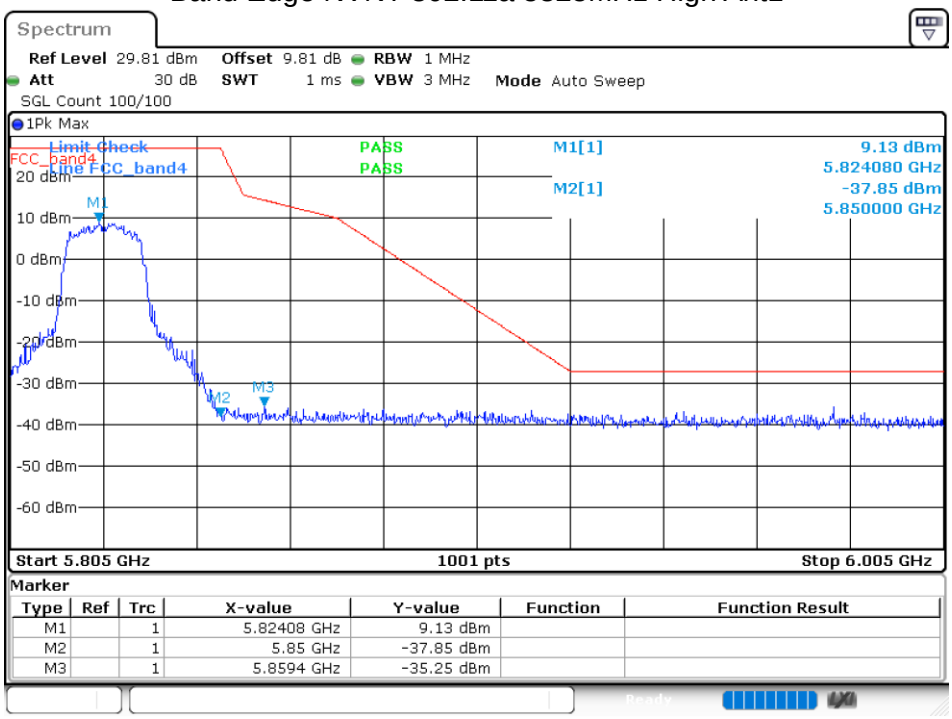
5.8G:

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	-21.08	Pass
NVNT	802.11a	5825	Ant 1	-35.24	Pass
NVNT	802.11ac20	5745	Ant 1	-22.65	Pass
NVNT	802.11ac20	5825	Ant 1	-33.54	Pass
NVNT	802.11ac40	5755	Ant 1	-20.72	Pass
NVNT	802.11ac40	5795	Ant 1	-32.78	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-26.62	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-33.73	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-20.57	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-31.88	Pass

Band Edge NVNT 802.11a 5745MHz Low Ant1



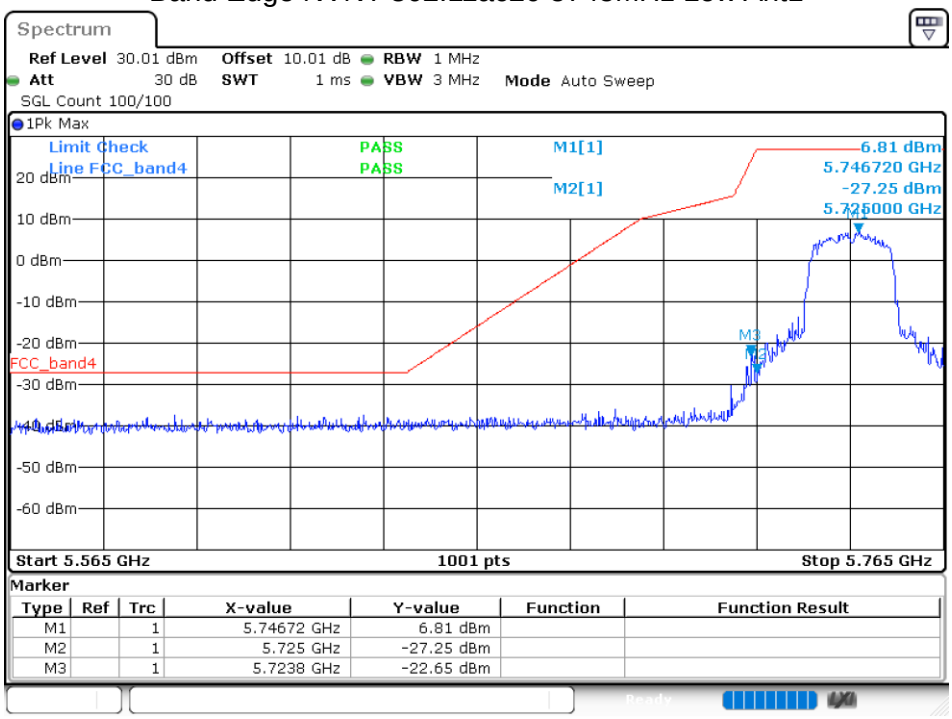
Band Edge NVNT 802.11a 5825MHz High Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.82408 GHz	9.13 dBm		
M2		1	5.85 GHz	-37.85 dBm		
M3		1	5.8594 GHz	-35.25 dBm		

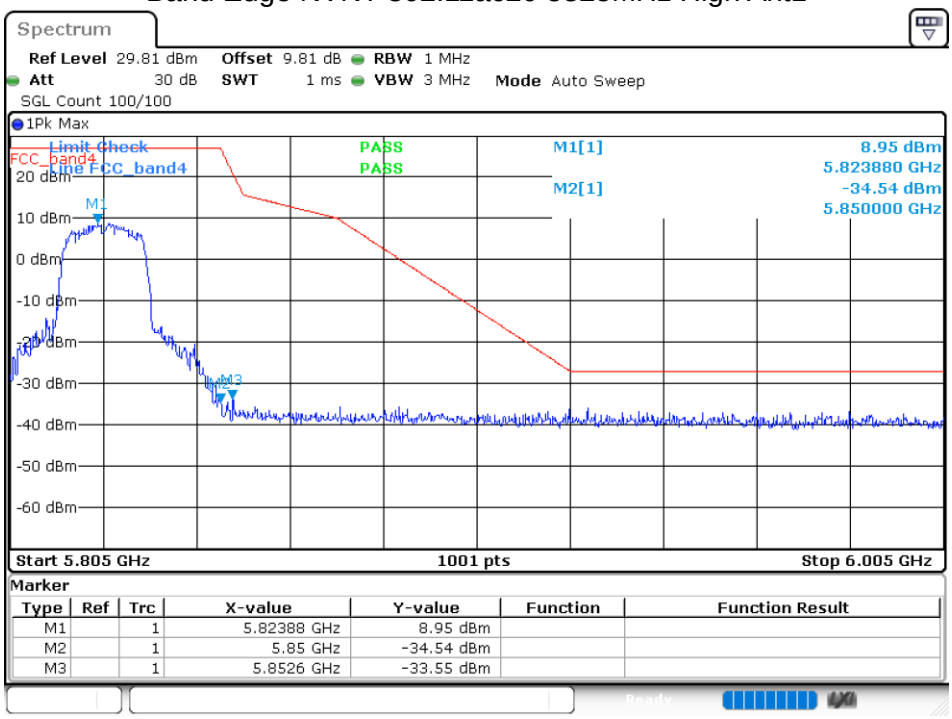
Band Edge NVNT 802.11ac20 5745MHz Low Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.74672 GHz	6.81 dBm		
M2		1	5.725 GHz	-27.25 dBm		
M3		1	5.7238 GHz	-22.65 dBm		

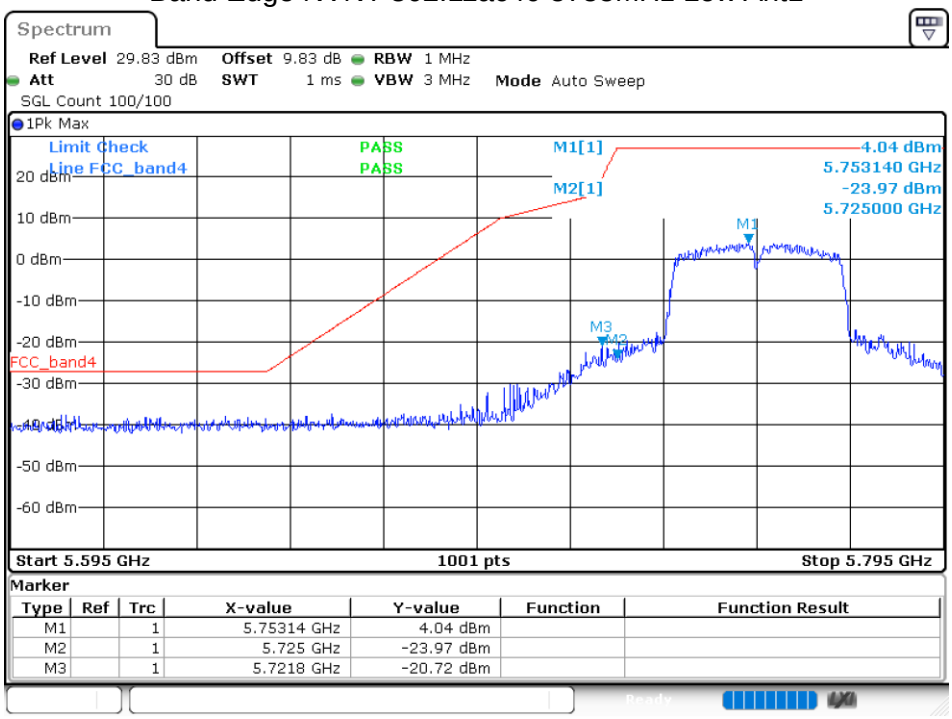
Band Edge NVNT 802.11ac20 5825MHz High Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.82388 GHz	8.95 dBm		
M2		1	5.85 GHz	-34.54 dBm		
M3		1	5.8526 GHz	-33.55 dBm		

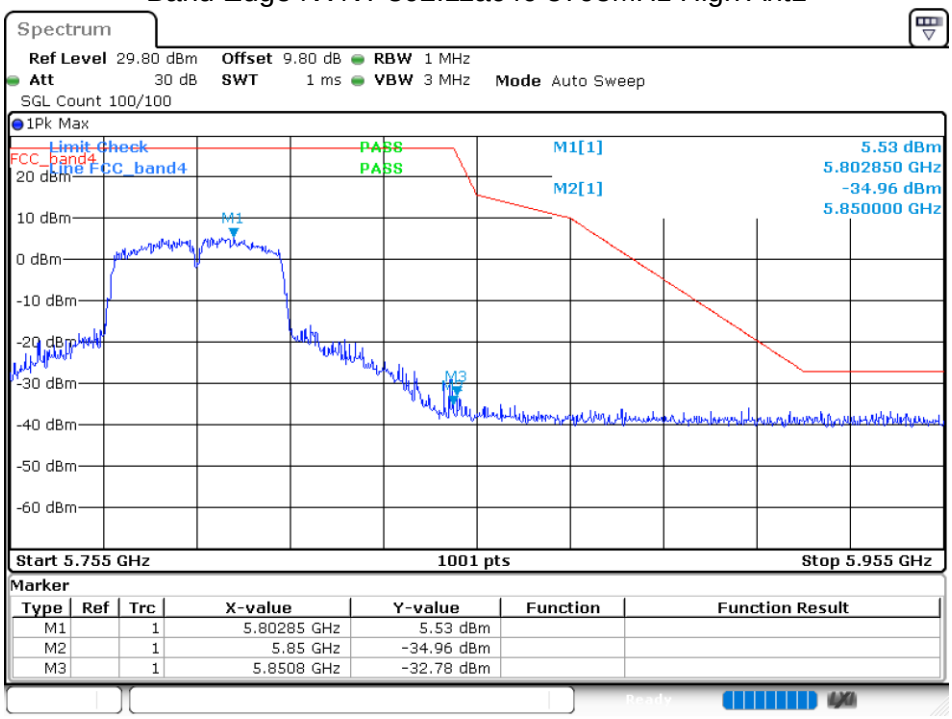
Band Edge NVNT 802.11ac40 5755MHz Low Ant1



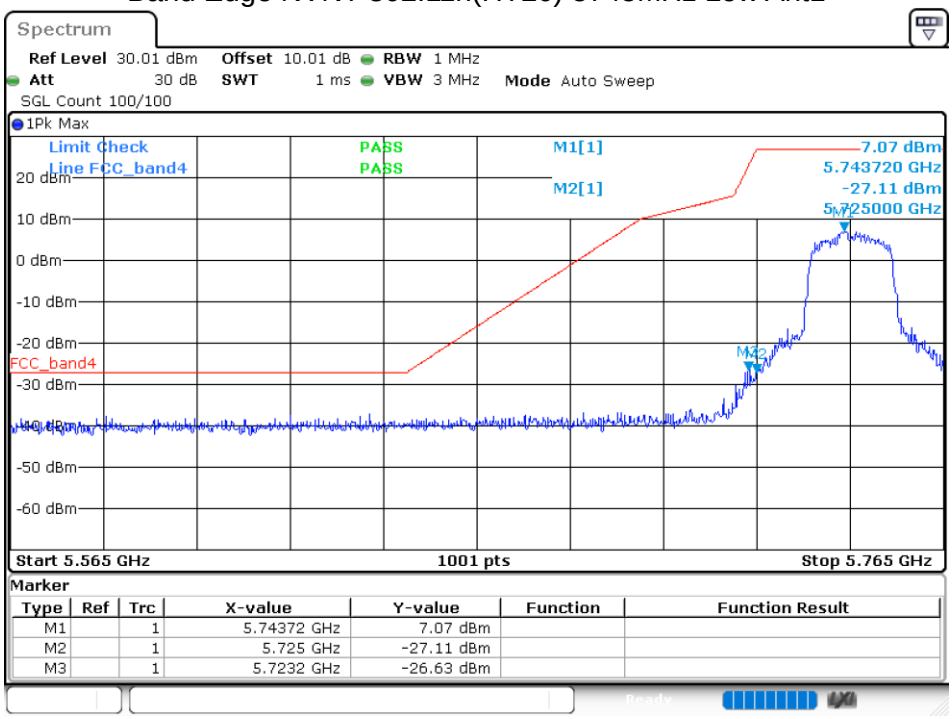
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.75314 GHz	4.04 dBm		
M2		1	5.725 GHz	-23.97 dBm		
M3		1	5.7218 GHz	-20.72 dBm		

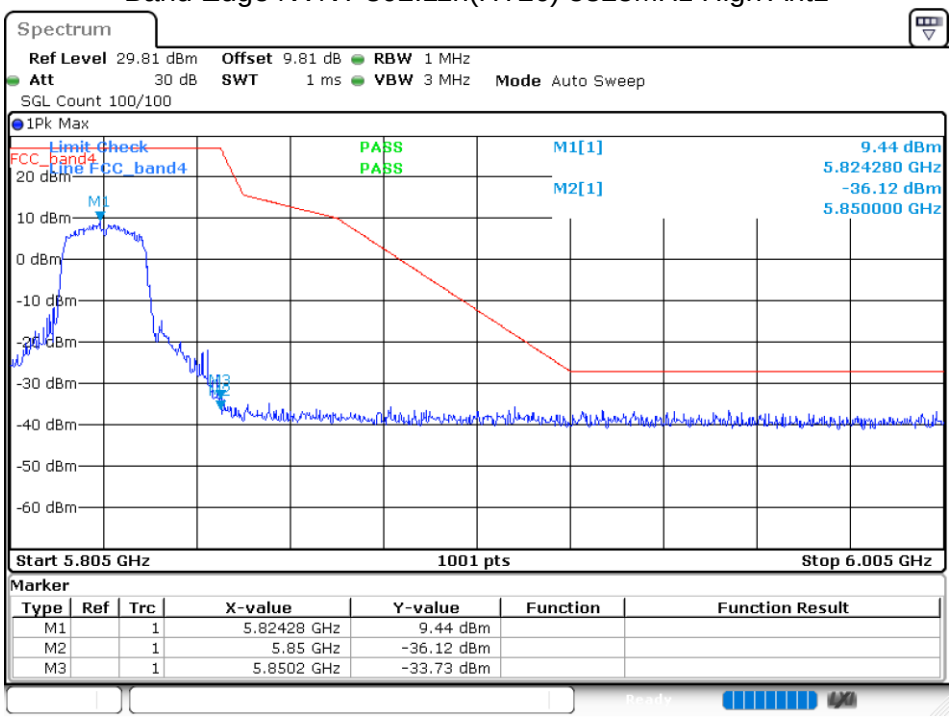
Band Edge NVNT 802.11ac40 5795MHz High Ant1



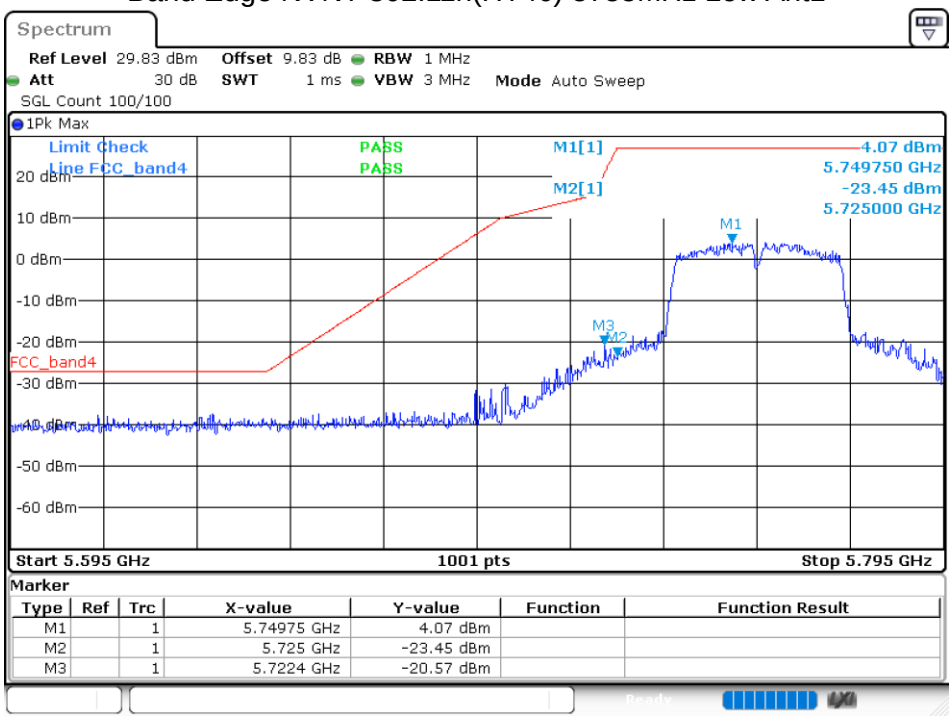
Band Edge NVNT 802.11n(HT20) 5745MHz Low Ant1



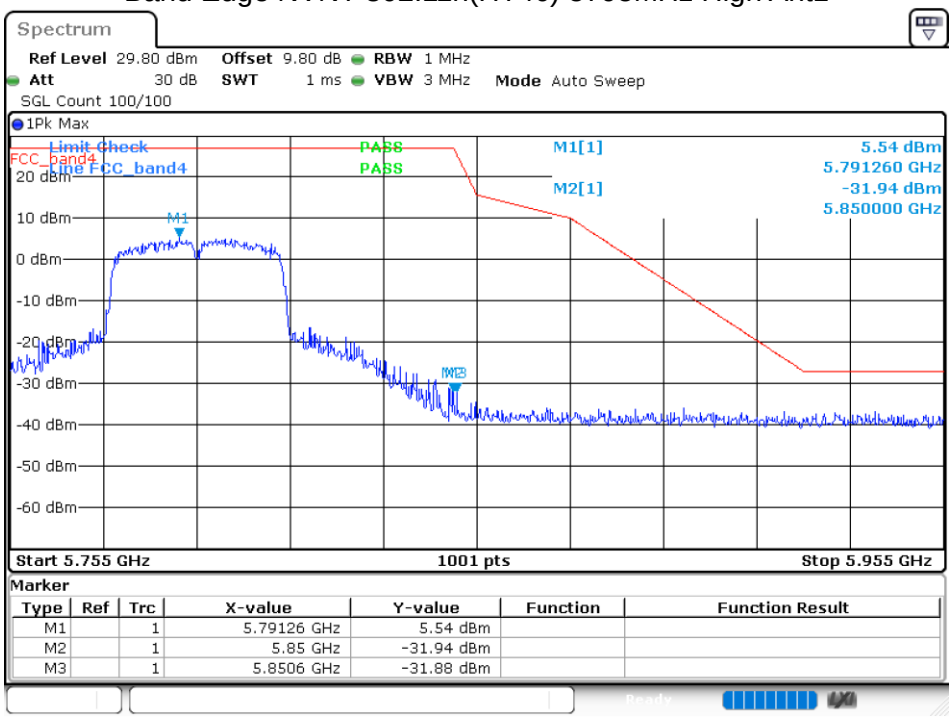
Band Edge NVNT 802.11n(HT20) 5825MHz High Ant1



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



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

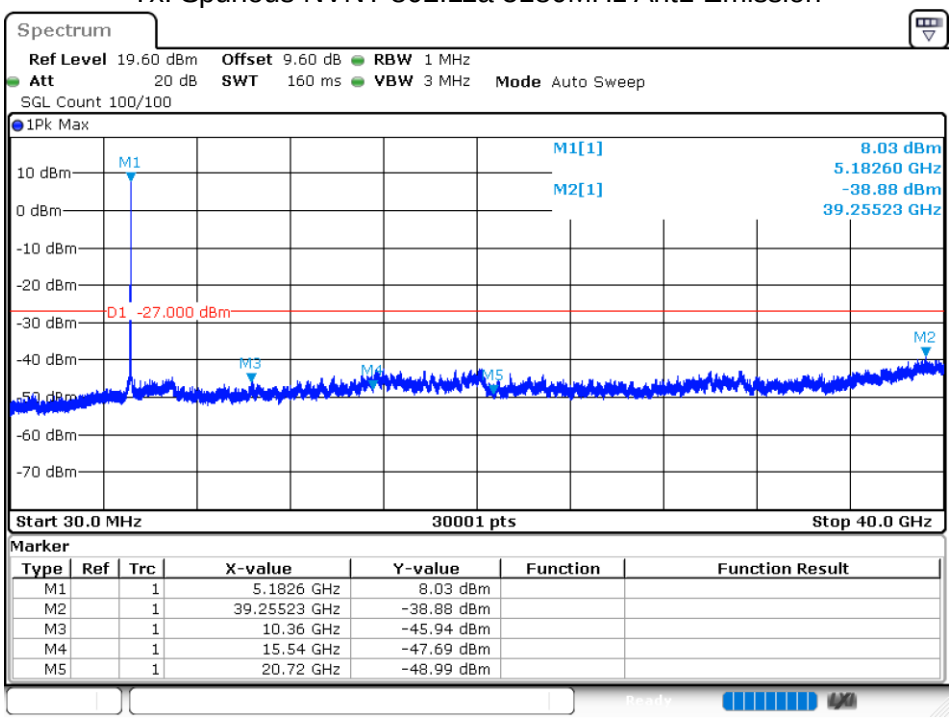


5.7 CONDUCTED RF SPURIOUS EMISSION

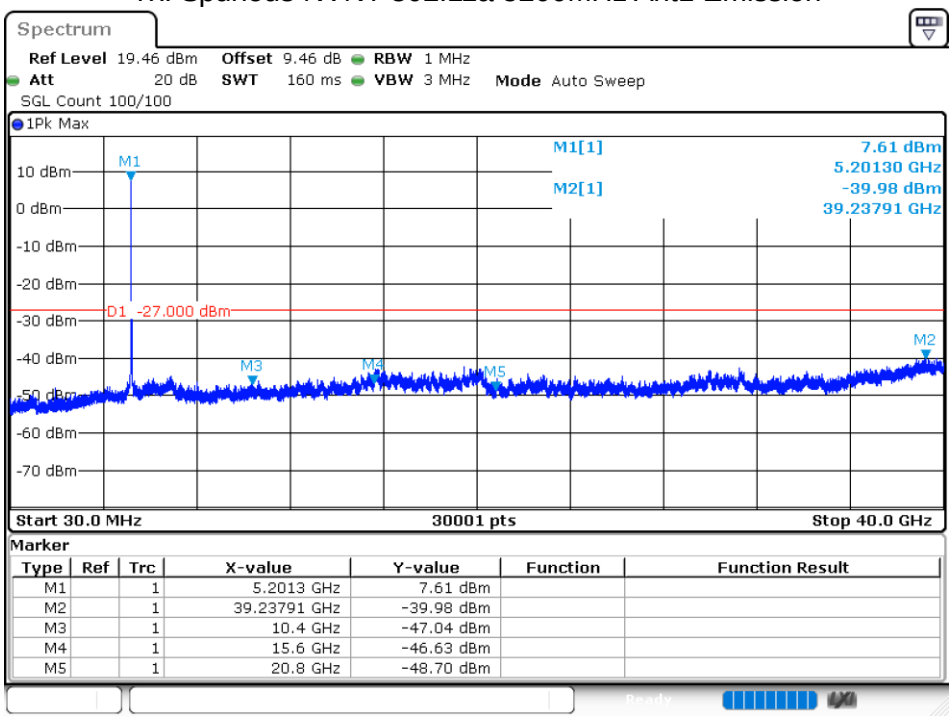
5.2G:

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11a	5180	Ant 1	-38.88	-27	Pass
NVNT	802.11a	5200	Ant 1	-39.97	-27	Pass
NVNT	802.11a	5240	Ant 1	-39.77	-27	Pass
NVNT	802.11ac20	5180	Ant 1	-40.45	-27	Pass
NVNT	802.11ac20	5200	Ant 1	-40.1	-27	Pass
NVNT	802.11ac20	5240	Ant 1	-39.53	-27	Pass
NVNT	802.11ac40	5190	Ant 1	-39.86	-27	Pass
NVNT	802.11ac40	5230	Ant 1	-39.25	-27	Pass
NVNT	802.11n(HT20)	5180	Ant 1	-36.64	-27	Pass
NVNT	802.11n(HT20)	5200	Ant 1	-40.09	-27	Pass
NVNT	802.11n(HT20)	5240	Ant 1	-39.85	-27	Pass
NVNT	802.11n(HT40)	5190	Ant 1	-39.58	-27	Pass
NVNT	802.11n(HT40)	5230	Ant 1	-39.87	-27	Pass

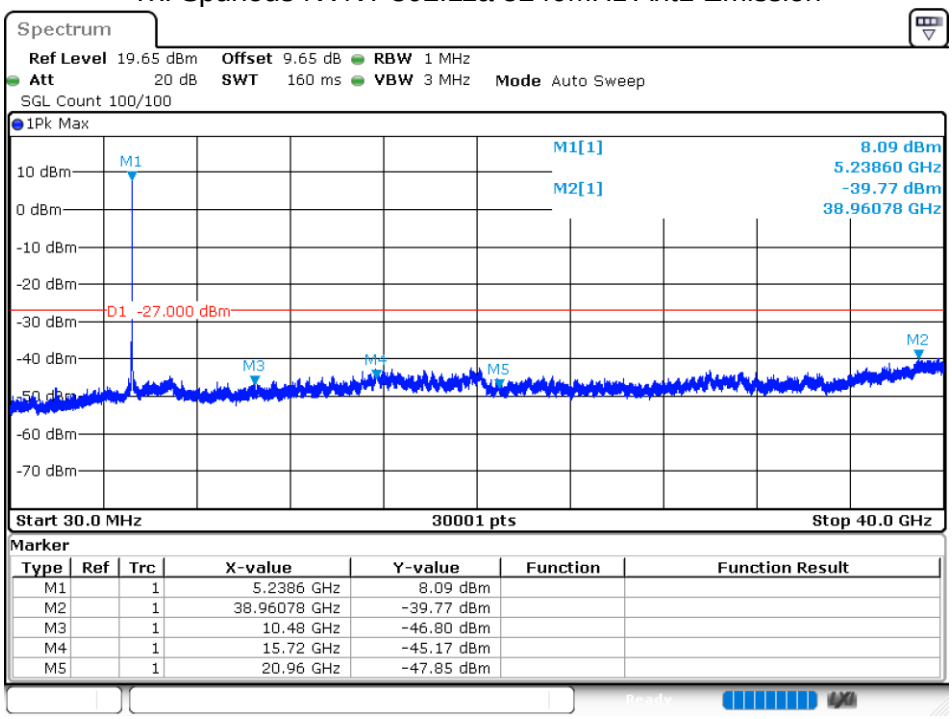
Tx. Spurious NVNT 802.11a 5180MHz Ant1 Emission



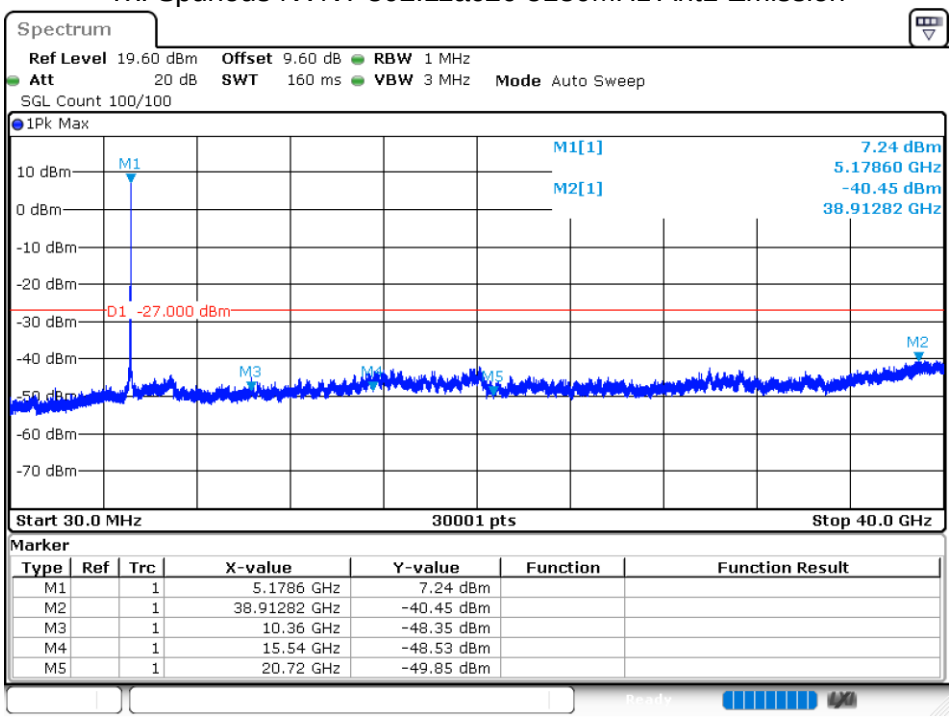
Tx. Spurious NVNT 802.11a 5200MHz Ant1 Emission



Tx. Spurious NVNT 802.11a 5240MHz Ant1 Emission



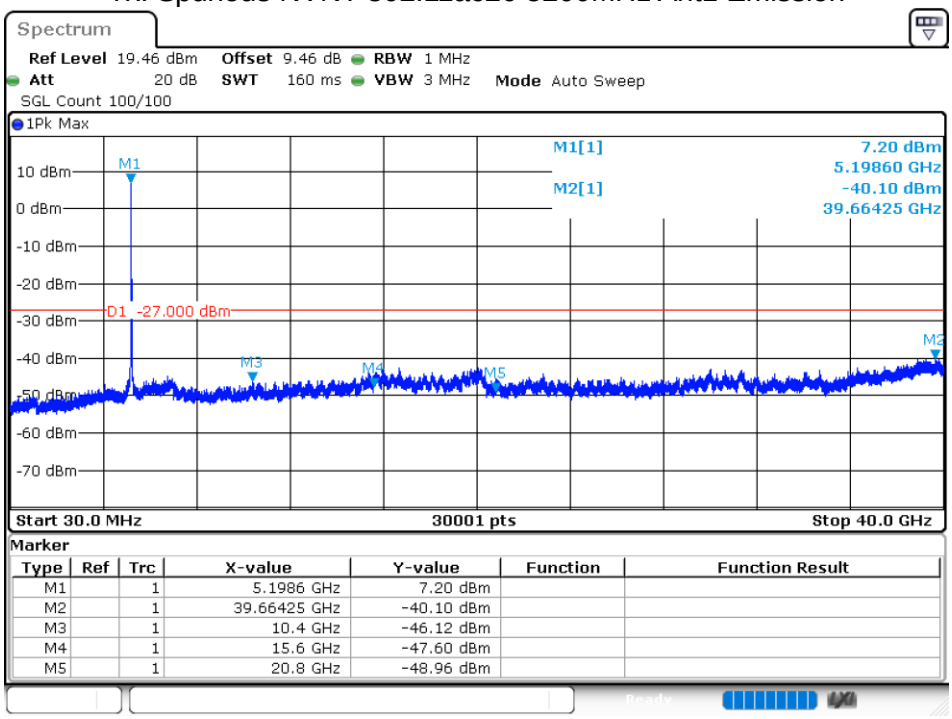
Tx. Spurious NVNT 802.11ac20 5180MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.1786 GHz	7.24 dBm		
M2		1	38.91282 GHz	-40.45 dBm		
M3		1	10.36 GHz	-48.35 dBm		
M4		1	15.54 GHz	-48.53 dBm		
M5		1	20.72 GHz	-49.85 dBm		

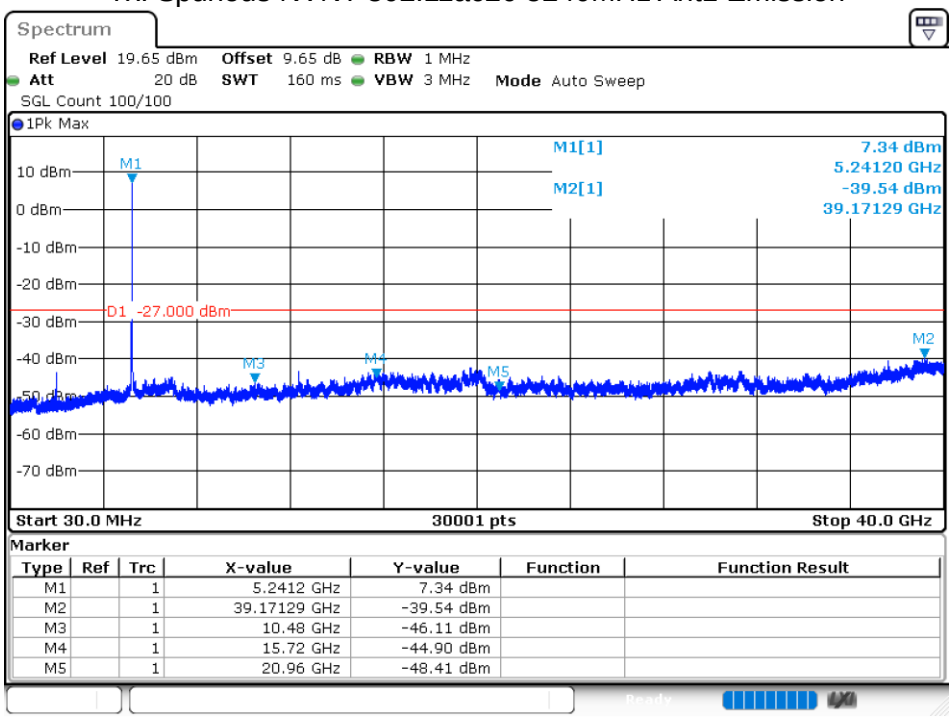
Tx. Spurious NVNT 802.11ac20 5200MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.1986 GHz	7.20 dBm		
M2		1	39.66425 GHz	-40.10 dBm		
M3		1	10.4 GHz	-46.12 dBm		
M4		1	15.6 GHz	-47.60 dBm		
M5		1	20.8 GHz	-48.96 dBm		

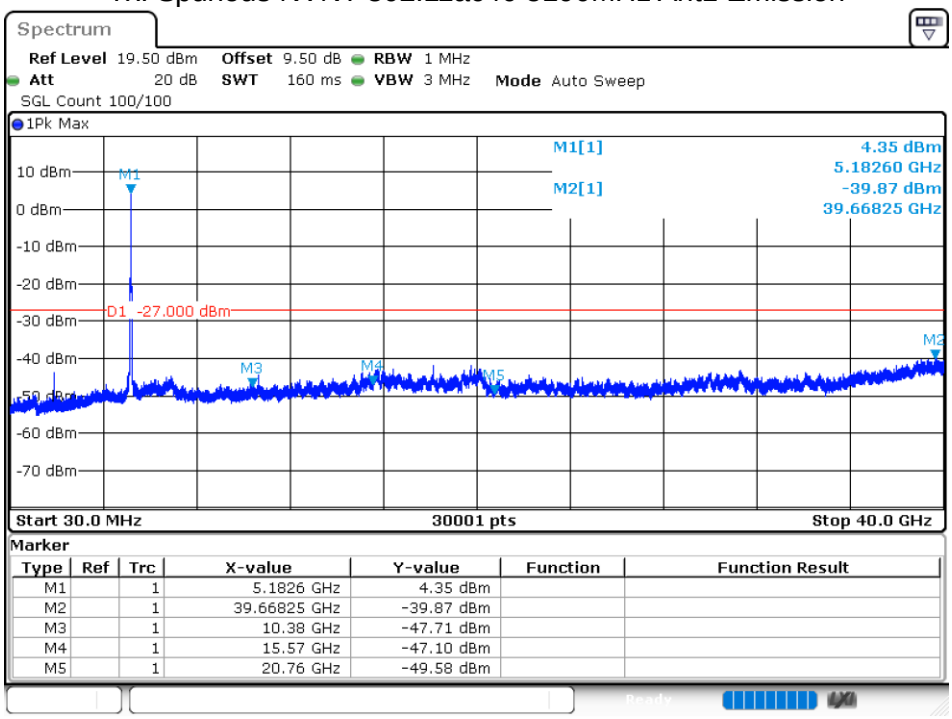
Tx. Spurious NVNT 802.11ac20 5240MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2412 GHz	7.34 dBm		
M2		1	39.17129 GHz	-39.54 dBm		
M3		1	10.48 GHz	-46.11 dBm		
M4		1	15.72 GHz	-44.90 dBm		
M5		1	20.96 GHz	-48.41 dBm		

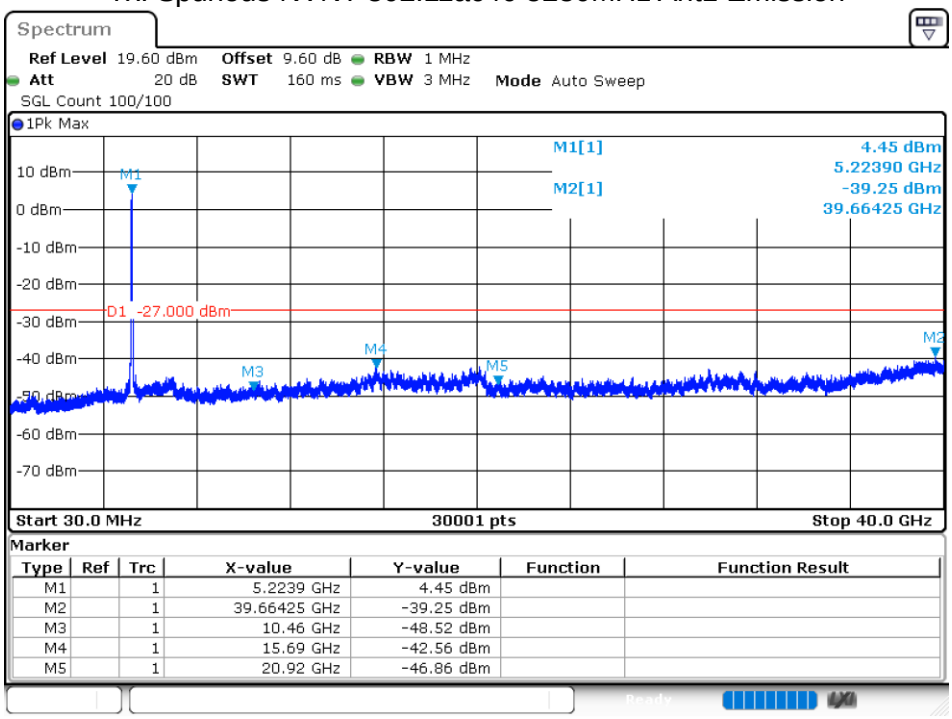
Tx. Spurious NVNT 802.11ac40 5190MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.1826 GHz	4.35 dBm		
M2		1	39.66825 GHz	-39.87 dBm		
M3		1	10.38 GHz	-47.71 dBm		
M4		1	15.57 GHz	-47.10 dBm		
M5		1	20.76 GHz	-49.58 dBm		

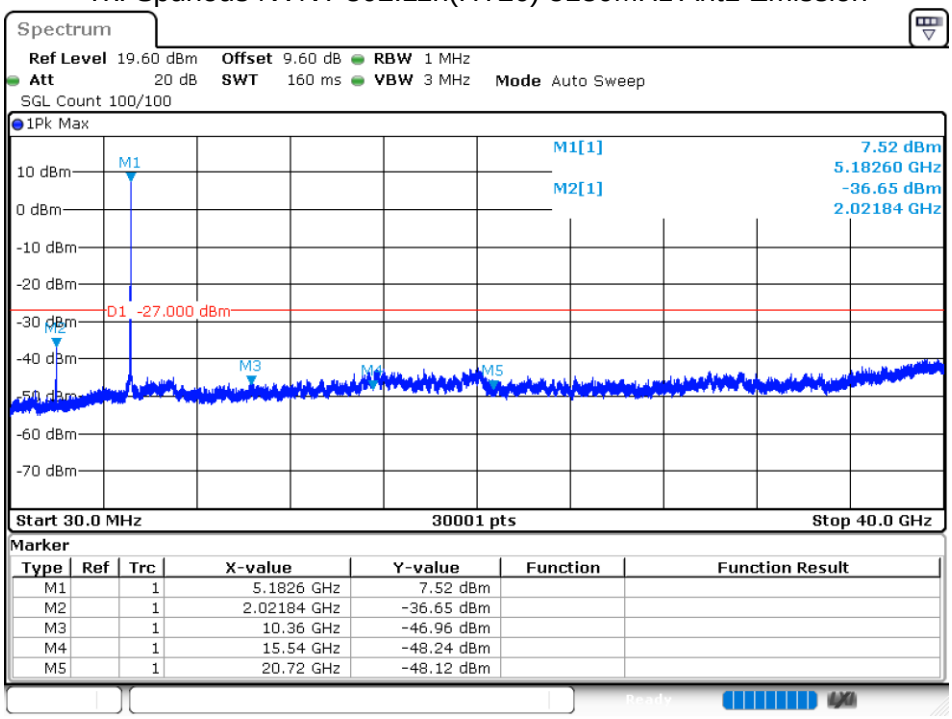
Tx. Spurious NVNT 802.11ac40 5230MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2239 GHz	4.45 dBm		
M2		1	39.66425 GHz	-39.25 dBm		
M3		1	10.46 GHz	-48.52 dBm		
M4		1	15.69 GHz	-42.56 dBm		
M5		1	20.92 GHz	-46.86 dBm		

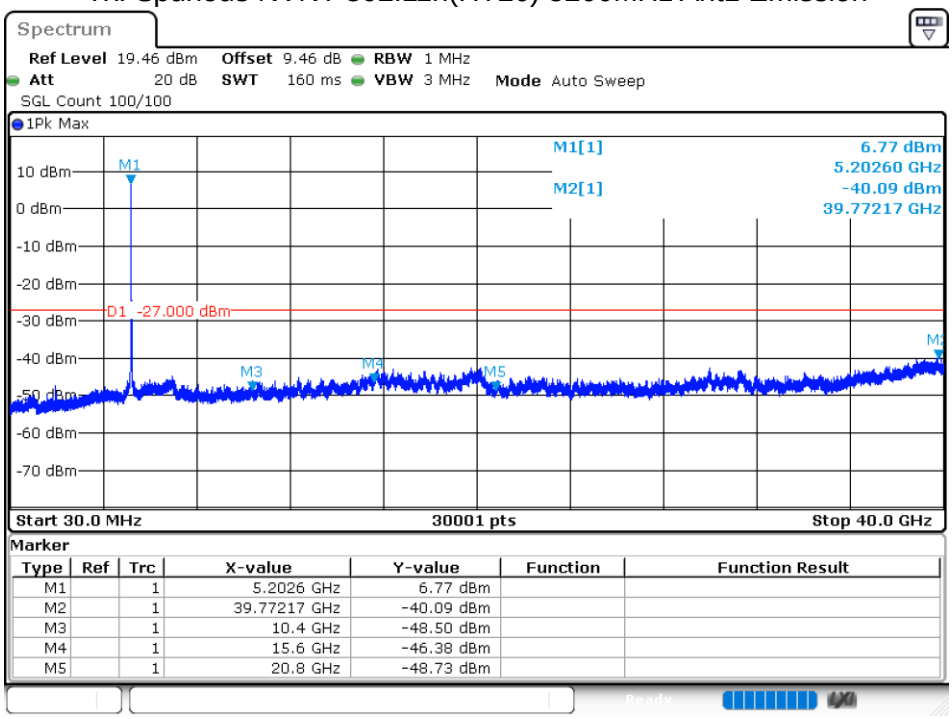
Tx. Spurious NVNT 802.11n(HT20) 5180MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.1826 GHz	7.52 dBm		
M2		1	2.02184 GHz	-36.65 dBm		
M3		1	10.36 GHz	-46.96 dBm		
M4		1	15.54 GHz	-48.24 dBm		
M5		1	20.72 GHz	-48.12 dBm		

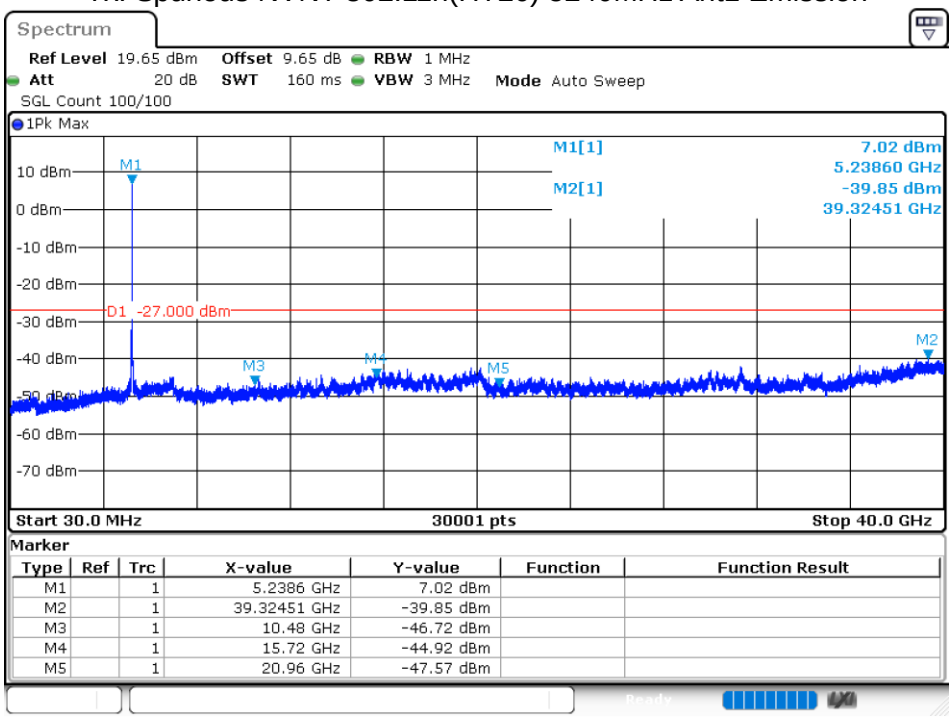
Tx. Spurious NVNT 802.11n(HT20) 5200MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2026 GHz	6.77 dBm		
M2		1	39.77217 GHz	-40.09 dBm		
M3		1	10.4 GHz	-48.50 dBm		
M4		1	15.6 GHz	-46.38 dBm		
M5		1	20.8 GHz	-48.73 dBm		

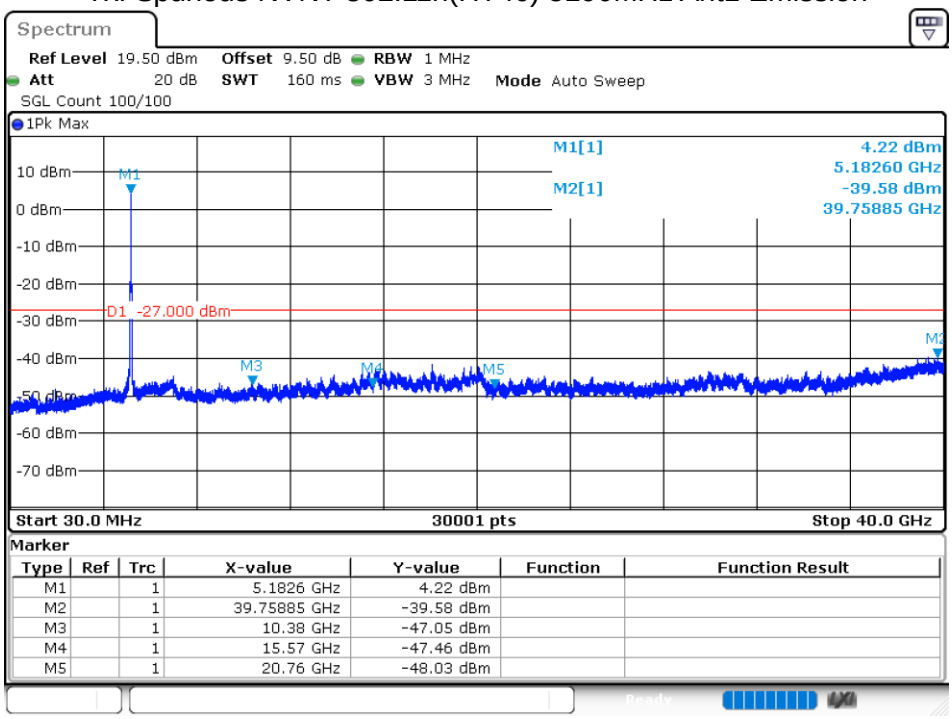
Tx. Spurious NVNT 802.11n(HT20) 5240MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2386 GHz	7.02 dBm		
M2		1	39.32451 GHz	-39.85 dBm		
M3		1	10.48 GHz	-46.72 dBm		
M4		1	15.72 GHz	-44.92 dBm		
M5		1	20.96 GHz	-47.57 dBm		

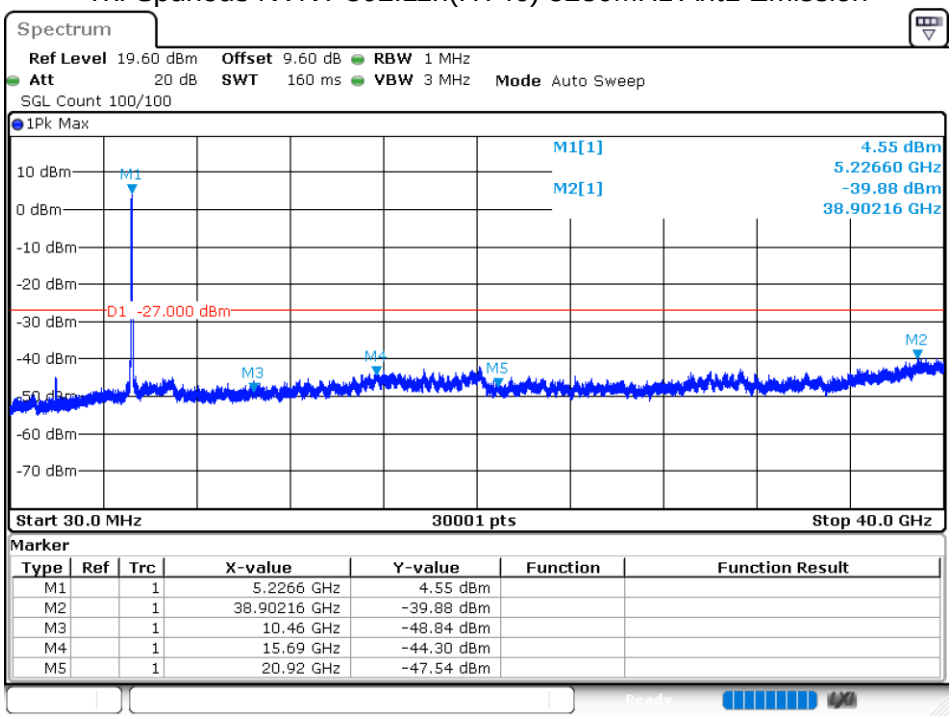
Tx. Spurious NVNT 802.11n(HT40) 5190MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.1826 GHz	4.22 dBm		
M2		1	39.75885 GHz	-39.58 dBm		
M3		1	10.38 GHz	-47.05 dBm		
M4		1	15.57 GHz	-47.46 dBm		
M5		1	20.76 GHz	-48.03 dBm		

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



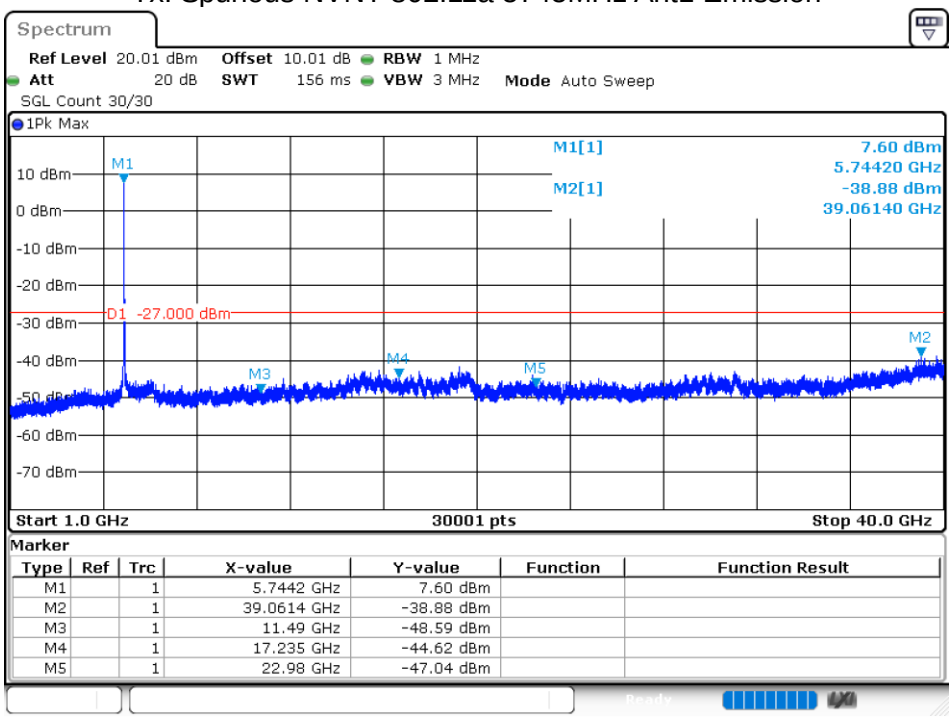
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2266 GHz	4.55 dBm		
M2		1	38.90216 GHz	-39.88 dBm		
M3		1	10.46 GHz	-48.84 dBm		
M4		1	15.69 GHz	-44.30 dBm		
M5		1	20.92 GHz	-47.54 dBm		

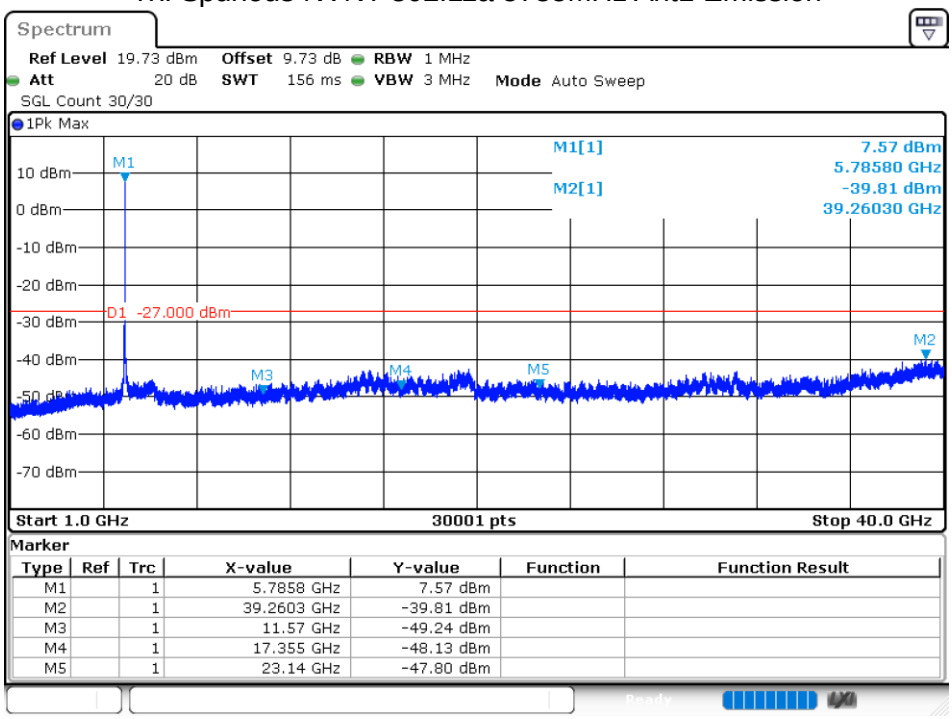
5.8G:

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11a	5745	Ant 1	-38.87	-27	Pass
NVNT	802.11a	5785	Ant 1	-39.81	-27	Pass
NVNT	802.11a	5825	Ant 1	-39.74	-27	Pass
NVNT	802.11ac20	5745	Ant 1	-39.88	-27	Pass
NVNT	802.11ac20	5785	Ant 1	-40.2	-27	Pass
NVNT	802.11ac20	5825	Ant 1	-40.33	-27	Pass
NVNT	802.11ac40	5755	Ant 1	-39.88	-27	Pass
NVNT	802.11ac40	5795	Ant 1	-40.29	-27	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-40.03	-27	Pass
NVNT	802.11n(HT20)	5785	Ant 1	-39.88	-27	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-39.62	-27	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-39.7	-27	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-40.06	-27	Pass

Tx. Spurious NVNT 802.11a 5745MHz Ant1 Emission



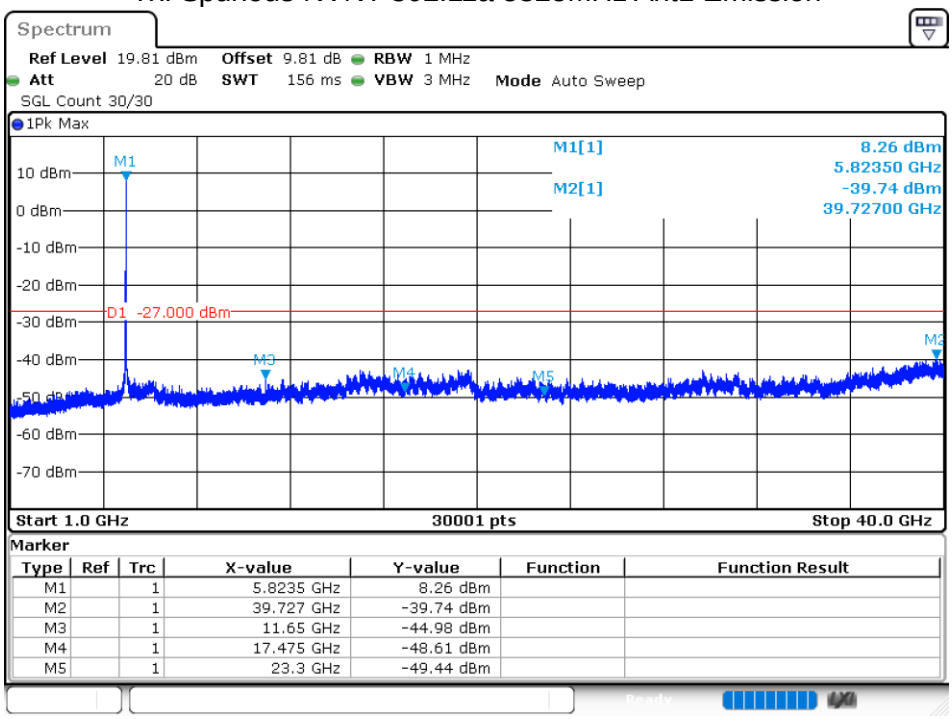
Tx. Spurious NVNT 802.11a 5785MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7858 GHz	7.57 dBm		
M2		1	39.2603 GHz	-39.81 dBm		
M3		1	11.57 GHz	-49.24 dBm		
M4		1	17.355 GHz	-48.13 dBm		
M5		1	23.14 GHz	-47.80 dBm		

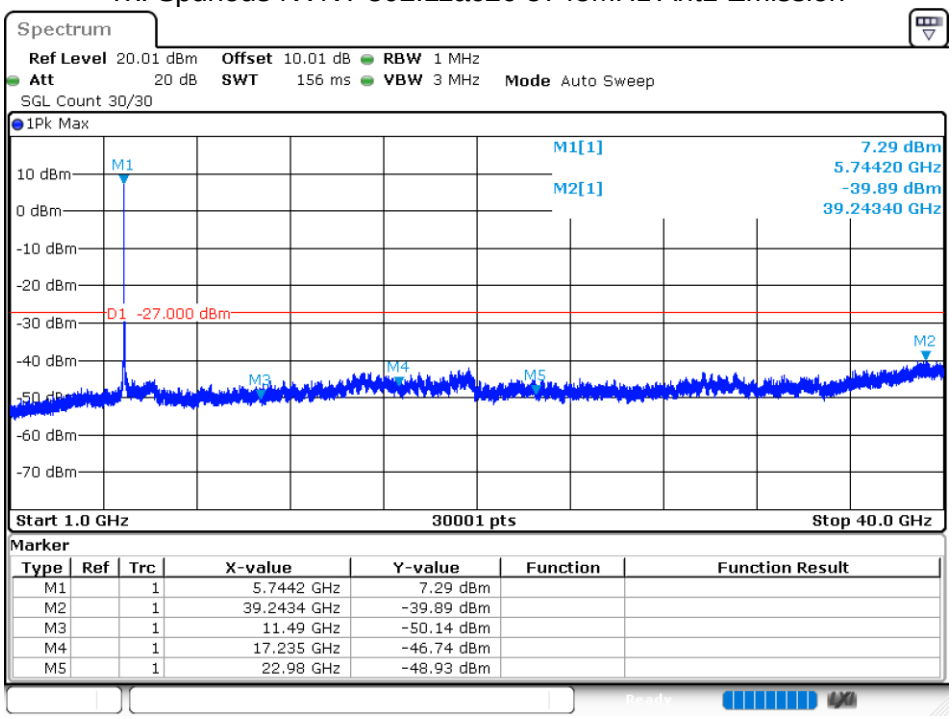
Tx. Spurious NVNT 802.11a 5825MHz Ant1 Emission



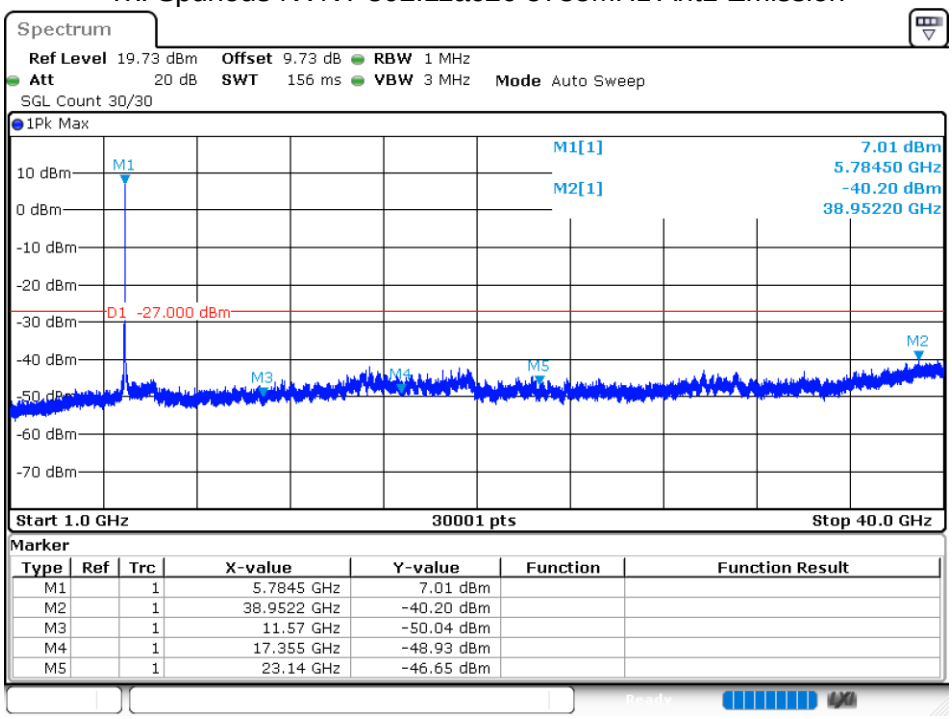
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8235 GHz	8.26 dBm		
M2		1	39.727 GHz	-39.74 dBm		
M3		1	11.65 GHz	-44.98 dBm		
M4		1	17.475 GHz	-48.61 dBm		
M5		1	23.3 GHz	-49.44 dBm		

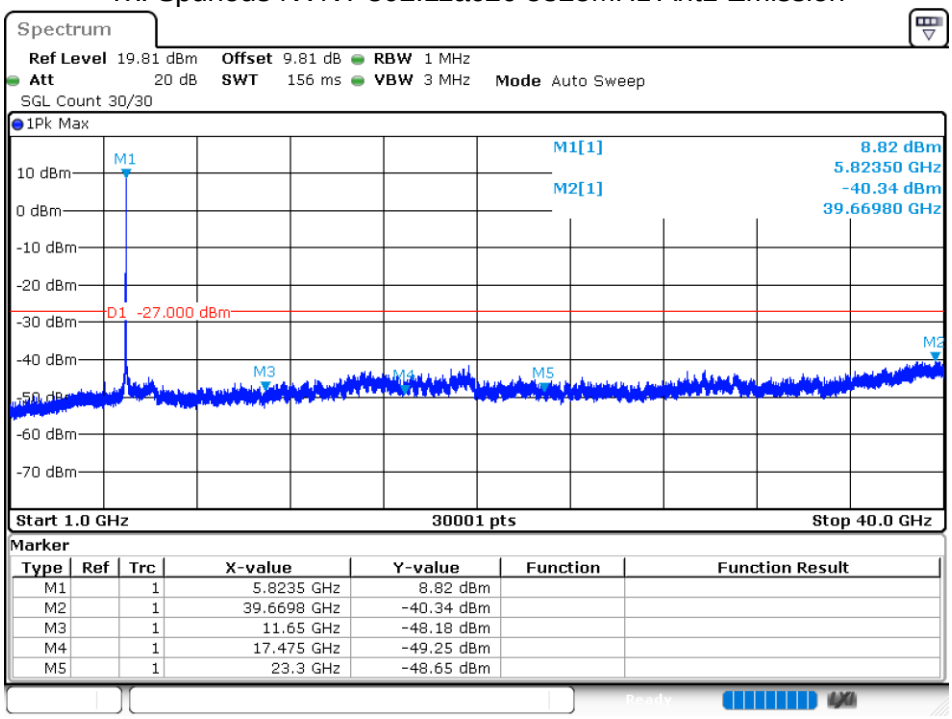
Tx. Spurious NVNT 802.11ac20 5745MHz Ant1 Emission



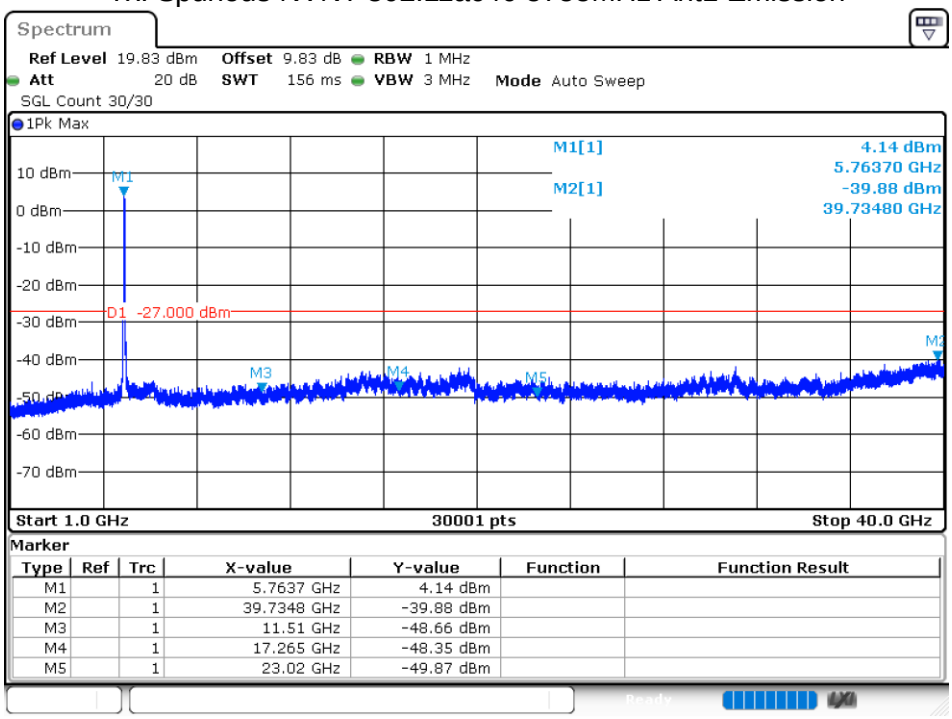
Tx. Spurious NVNT 802.11ac20 5785MHz Ant1 Emission



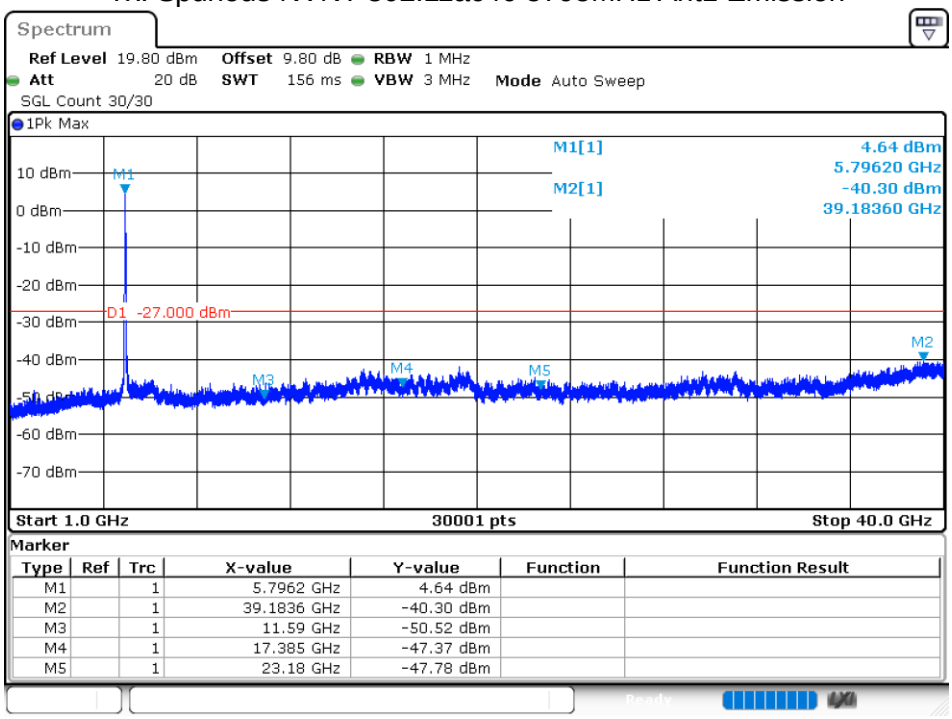
Tx. Spurious NVNT 802.11ac20 5825MHz Ant1 Emission



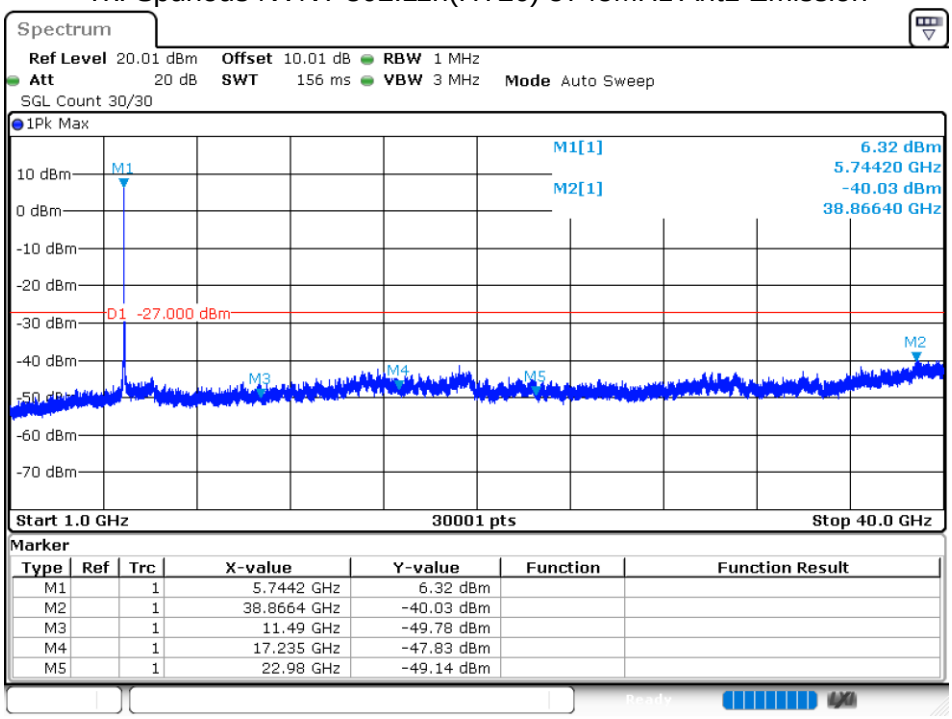
Tx. Spurious NVNT 802.11ac40 5755MHz Ant1 Emission



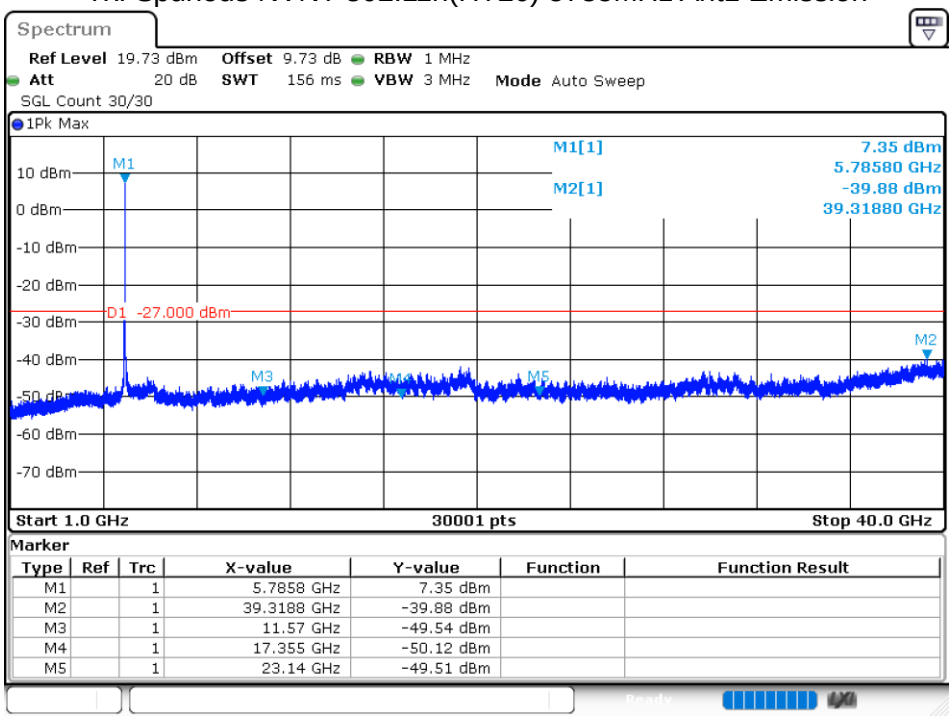
Tx. Spurious NVNT 802.11ac40 5795MHz Ant1 Emission



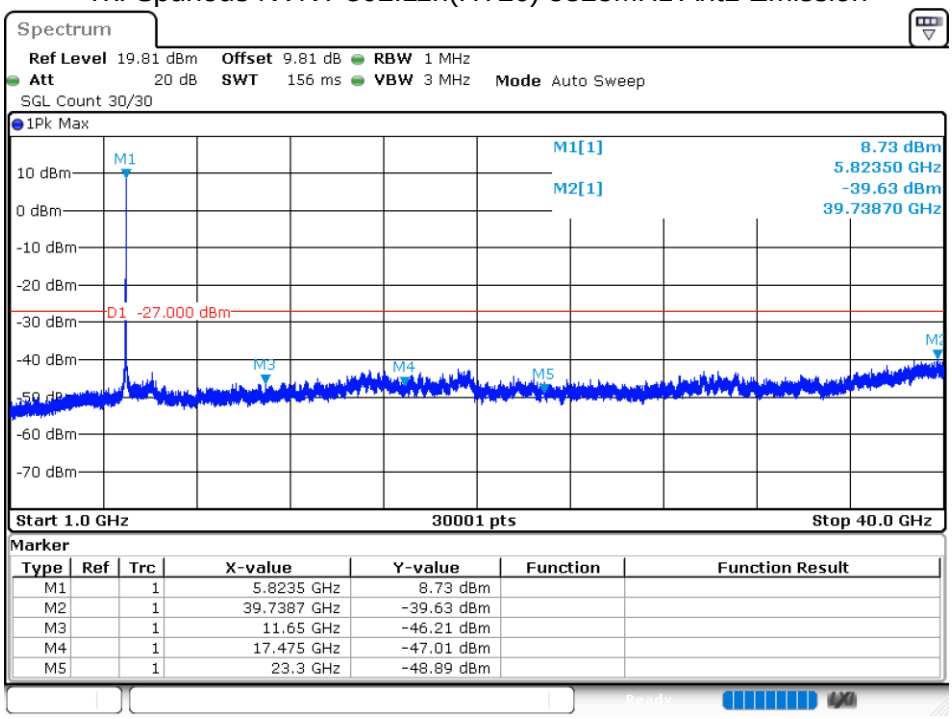
Tx. Spurious NVNT 802.11n(HT20) 5745MHz Ant1 Emission



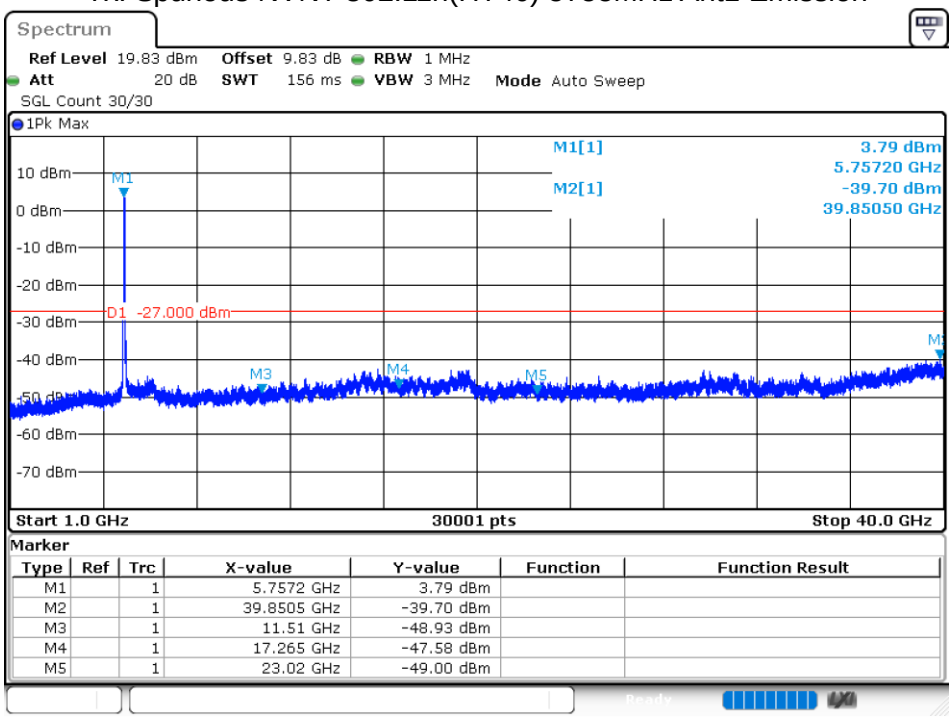
Tx. Spurious NVNT 802.11n(HT20) 5785MHz Ant1 Emission



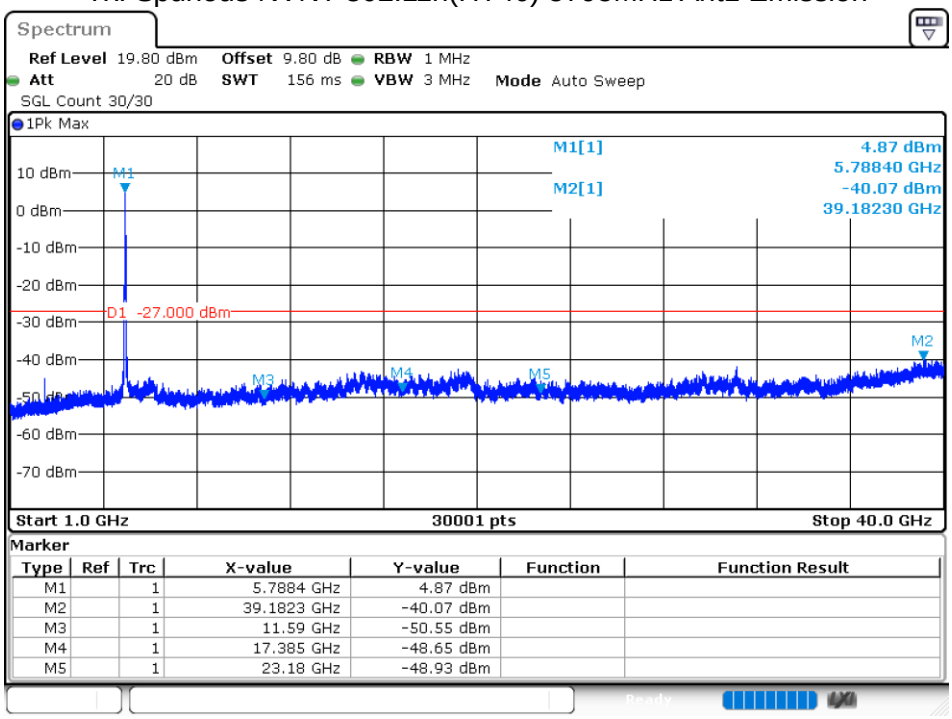
Tx. Spurious NVNT 802.11n(HT20) 5825MHz Ant1 Emission



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



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



END OF REPORT