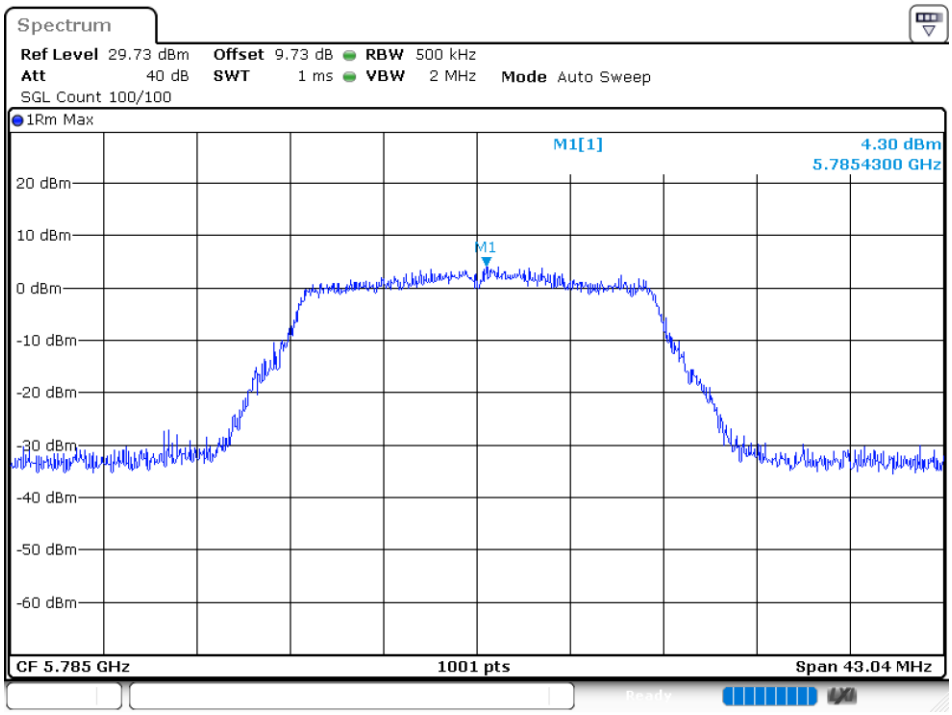
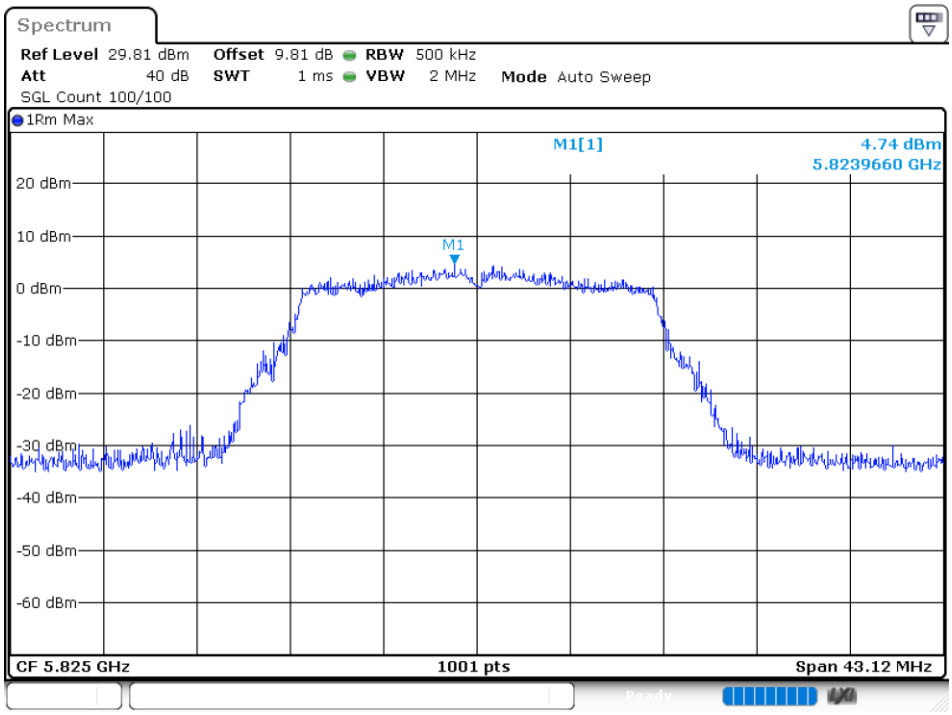
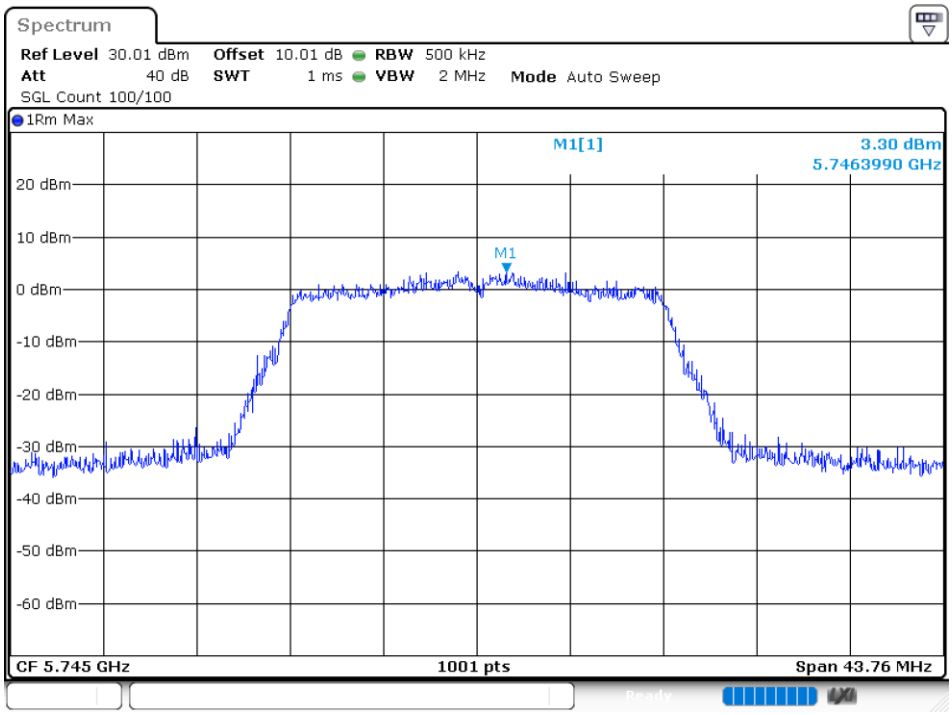
PSD NVNT 802.11a 5785MHz Ant1



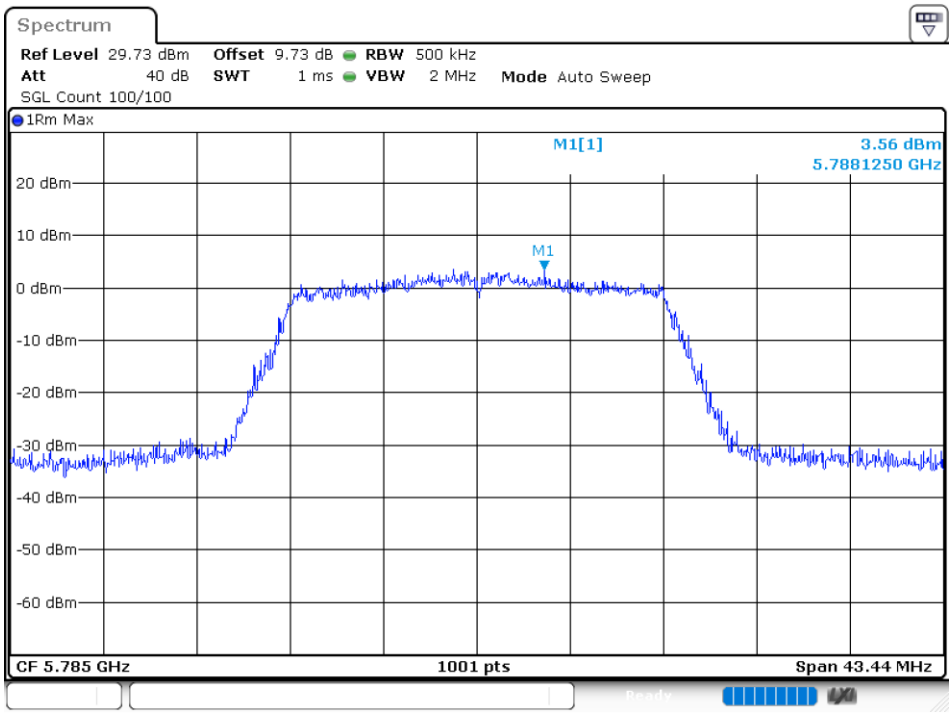
PSD NVNT 802.11a 5825MHz Ant1



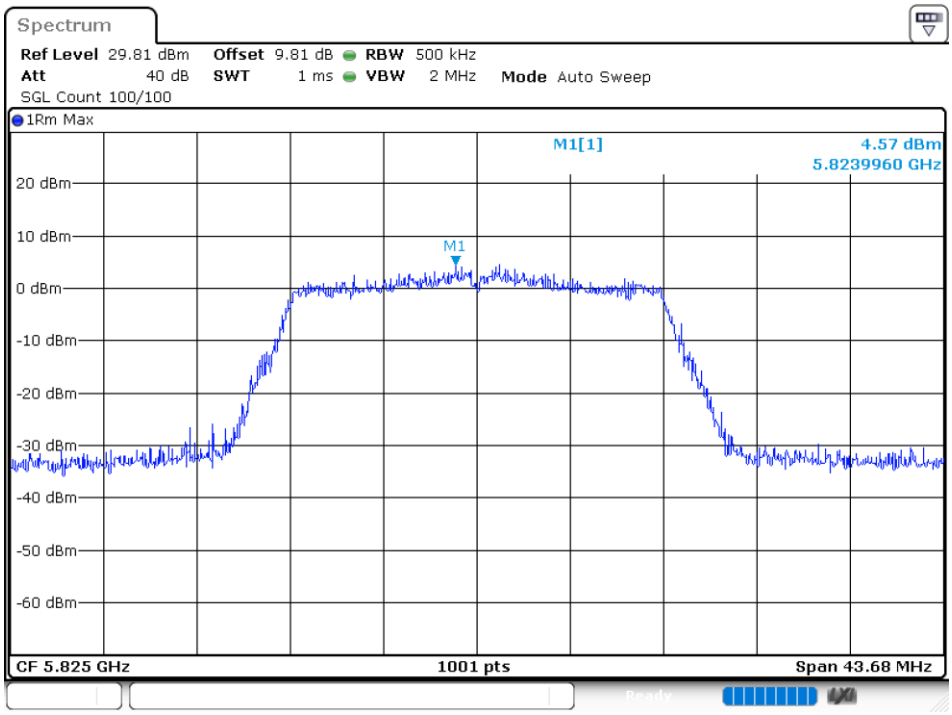
PSD NVNT 802.11ac20 5745MHz Ant1



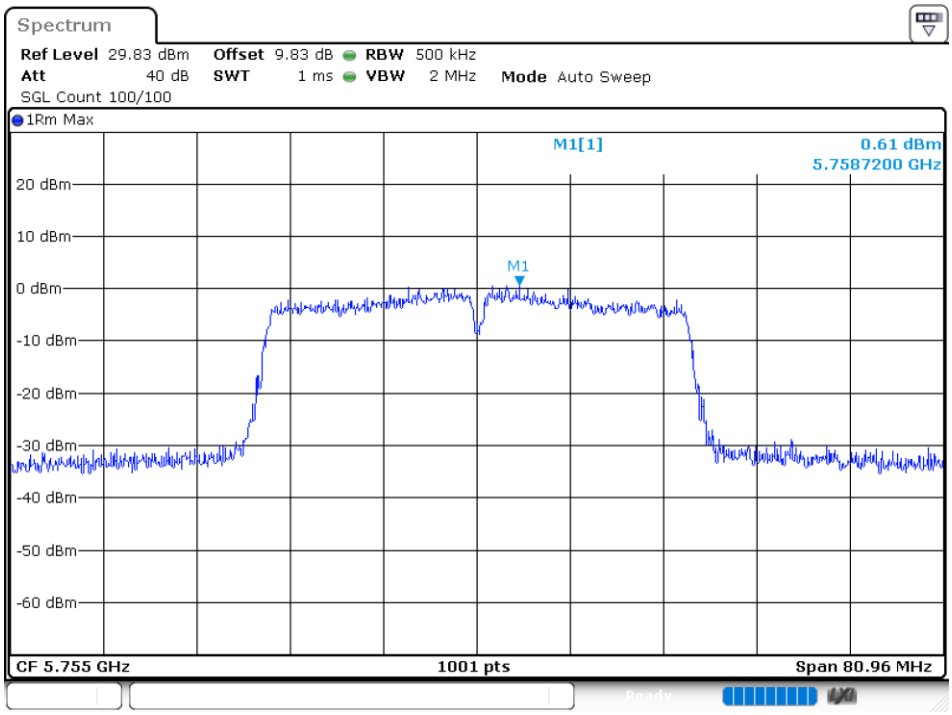
PSD NVNT 802.11ac20 5785MHz Ant1



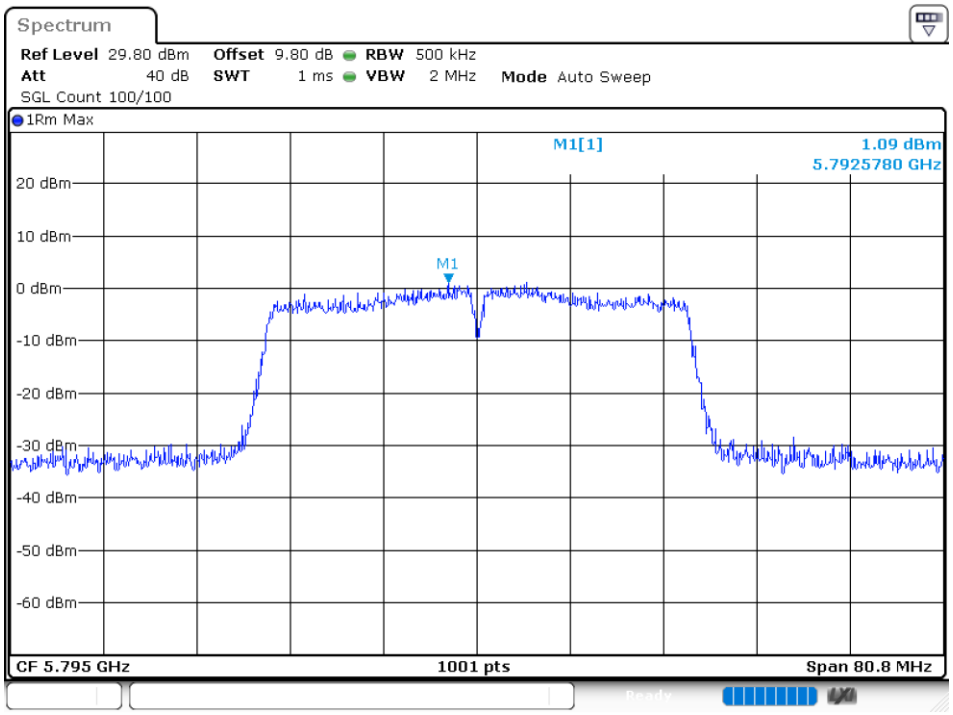
PSD NVNT 802.11ac20 5825MHz Ant1



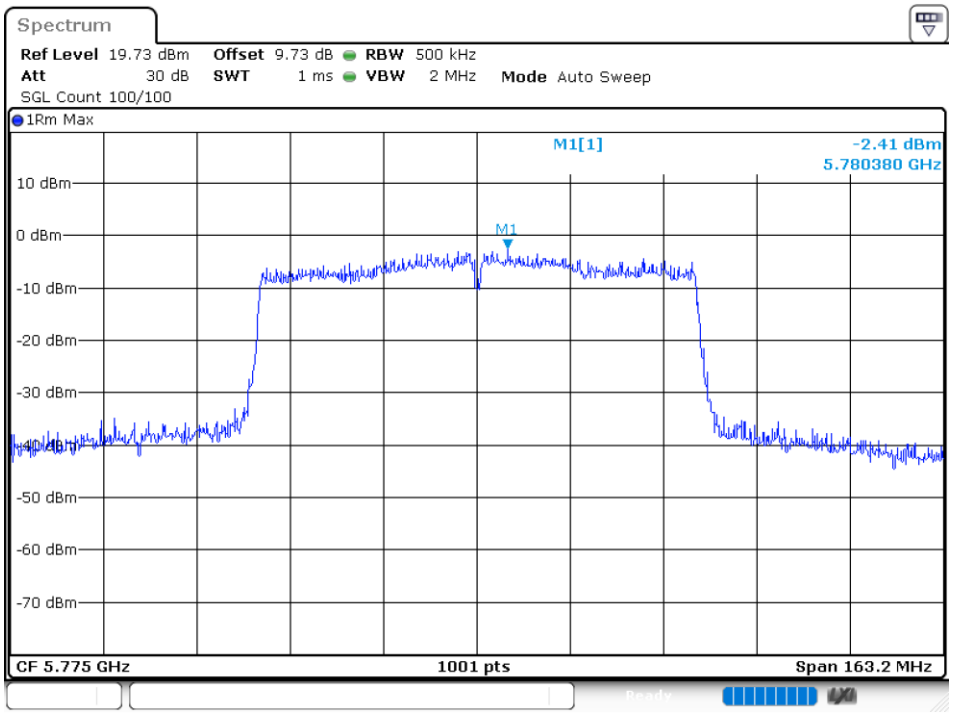
PSD NVNT 802.11ac40 5755MHz Ant1



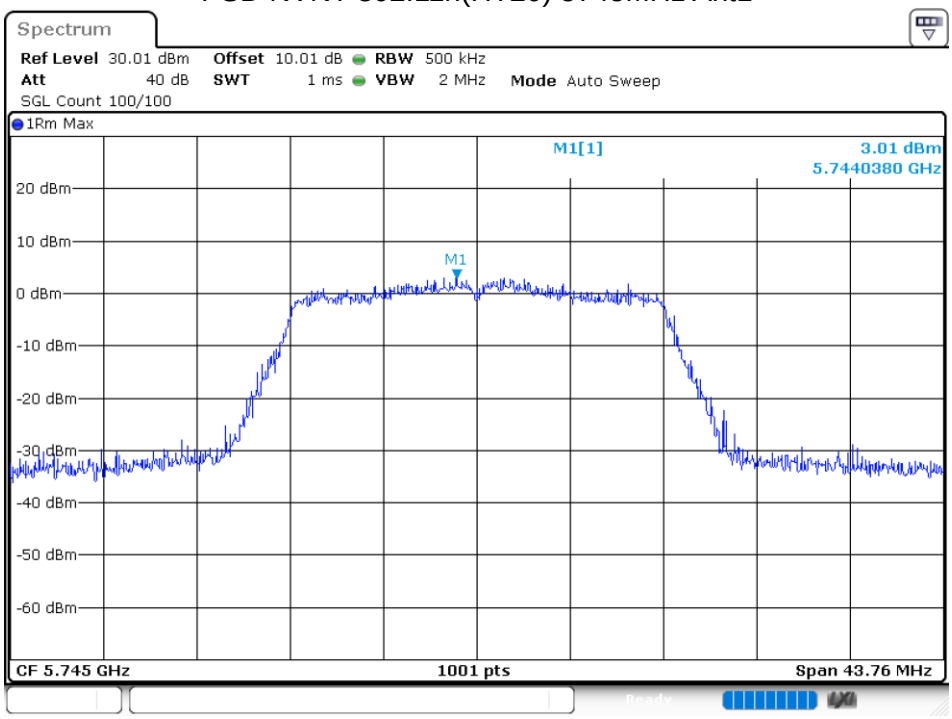
PSD NVNT 802.11ac40 5795MHz Ant1



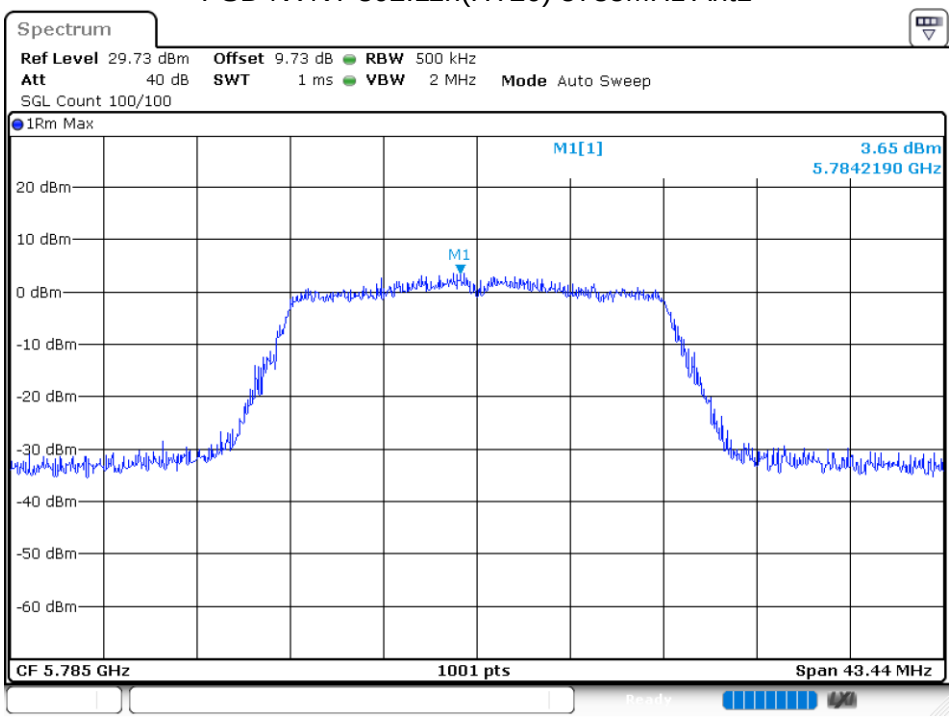
PSD NVNT 802.11ac80 5775MHz Ant1



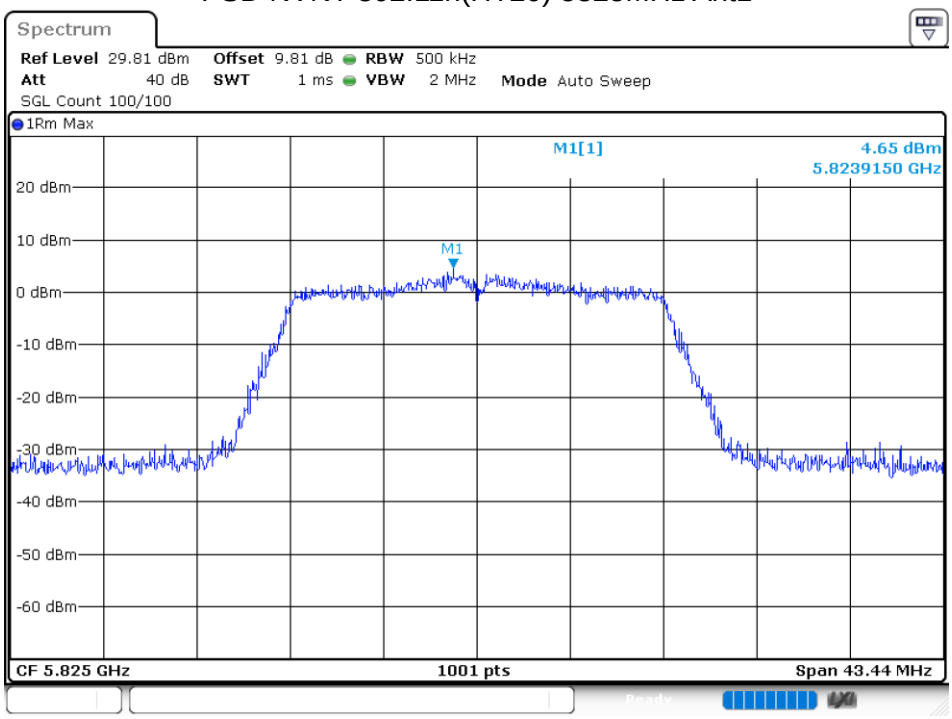
PSD NVNT 802.11n(HT20) 5745MHz Ant1



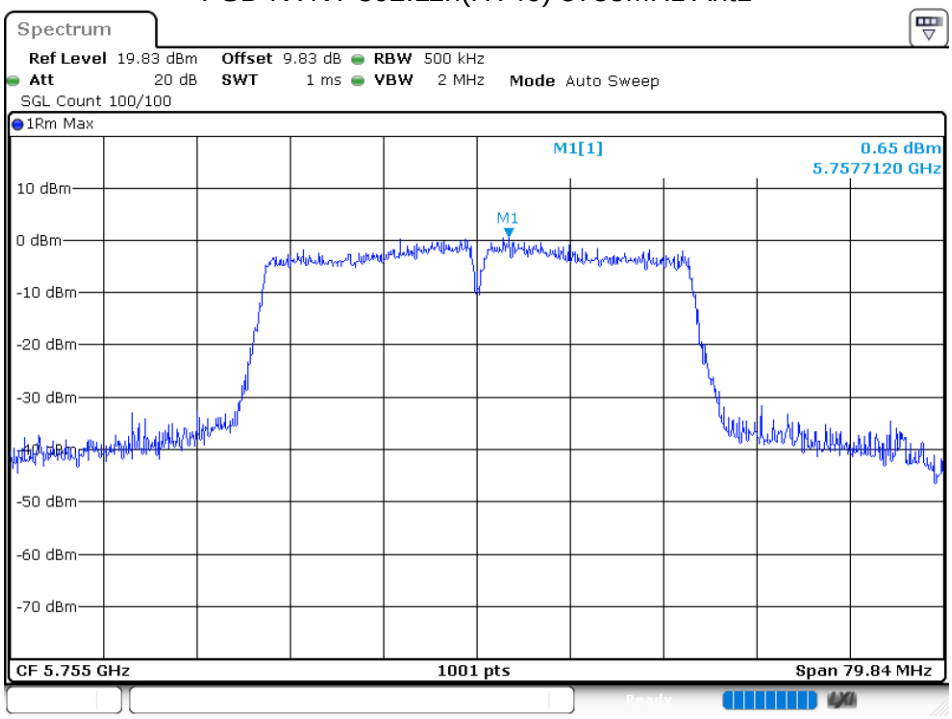
PSD NVNT 802.11n(HT20) 5785MHz Ant1



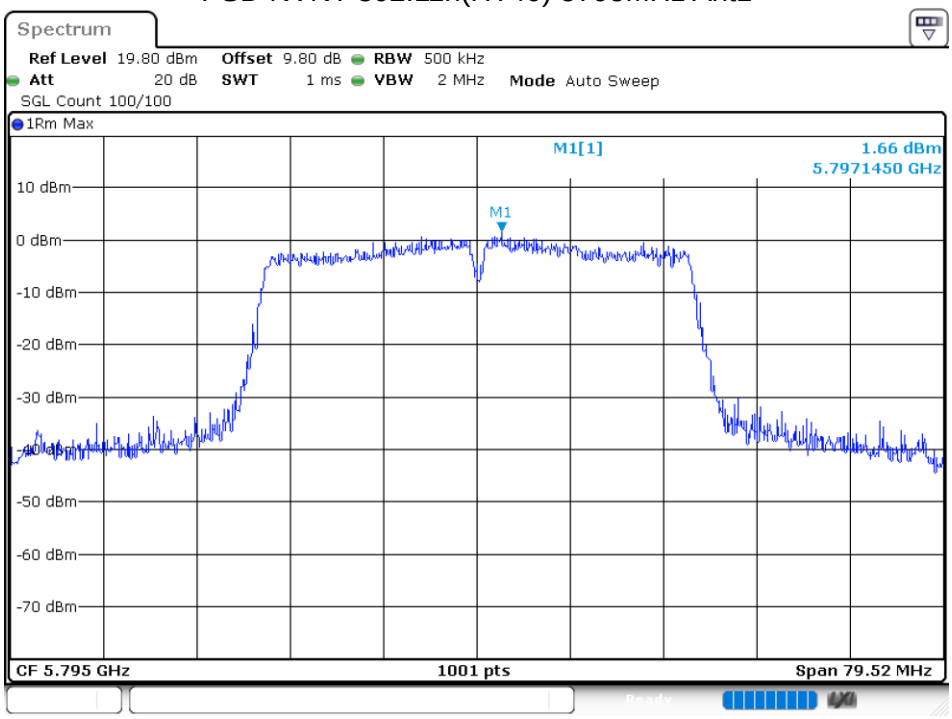
PSD NVNT 802.11n(HT20) 5825MHz Ant1



PSD NVNT 802.11n(HT40) 5755MHz Ant1



PSD NVNT 802.11n(HT40) 5795MHz Ant1

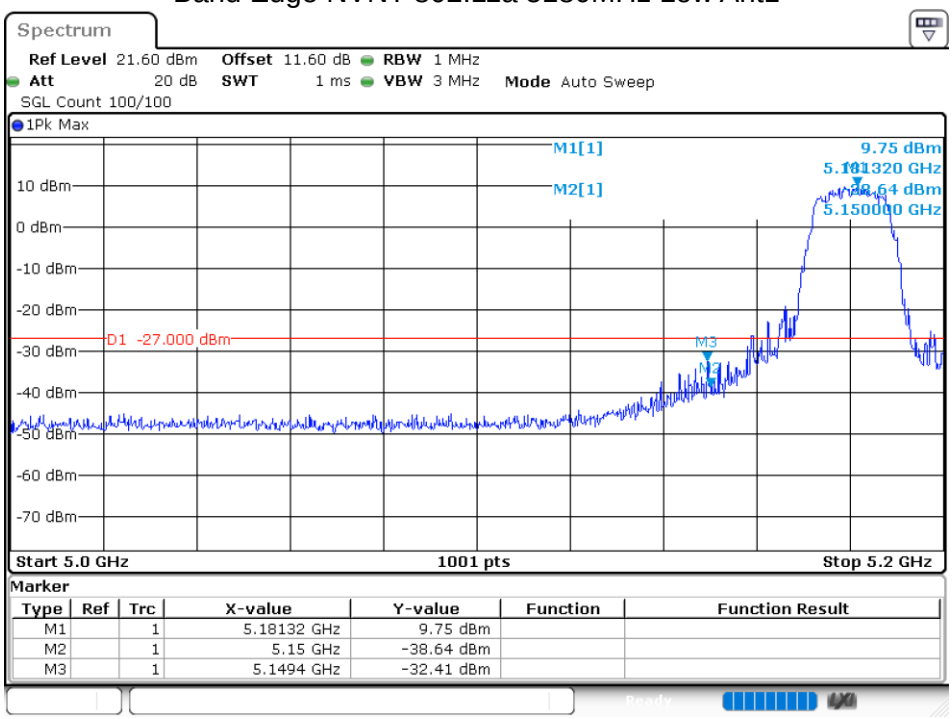


5.6 BAND EDGE

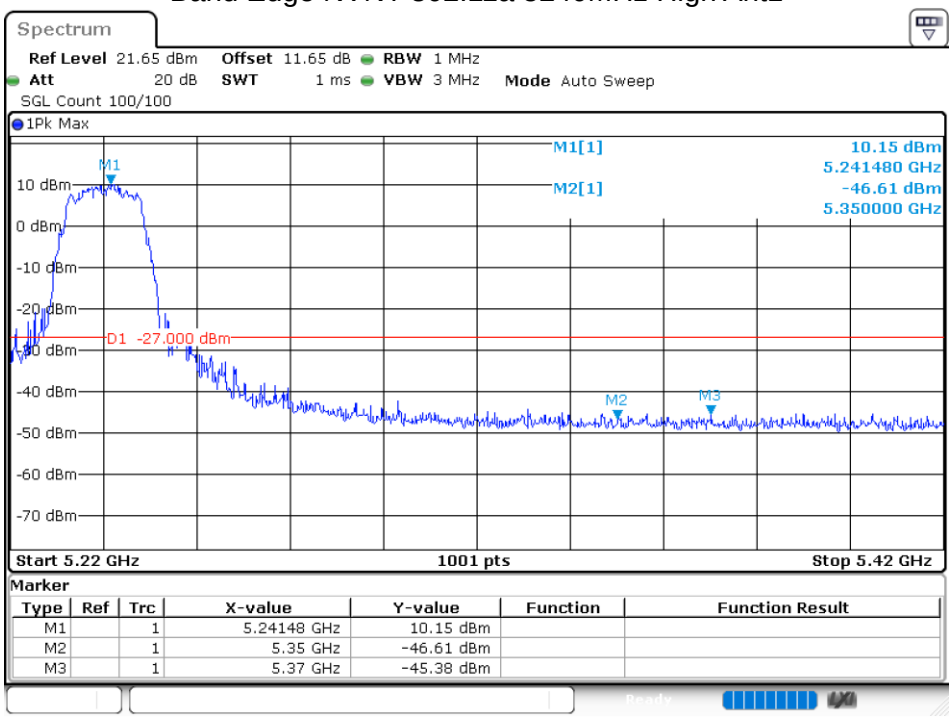
5.2G:

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	802.11a	5180	Ant 1	-32.4	-27	Pass
NVNT	802.11a	5240	Ant 1	-45.38	-27	Pass
NVNT	802.11ac20	5180	Ant 1	-34.68	-27	Pass
NVNT	802.11ac20	5240	Ant 1	-45.16	-27	Pass
NVNT	802.11ac40	5190	Ant 1	-29.86	-27	Pass
NVNT	802.11ac40	5230	Ant 1	-44.05	-27	Pass
NVNT	802.11ac80	5210	Ant 1	-42.86	-27	Pass
NVNT	802.11ac80	5210	Ant 1	-30.06	-27	Pass
NVNT	802.11n(HT20)	5180	Ant 1	-35.36	-27	Pass
NVNT	802.11n(HT20)	5240	Ant 1	-44.99	-27	Pass
NVNT	802.11n(HT40)	5190	Ant 1	-27.05	-27	Pass
NVNT	802.11n(HT40)	5230	Ant 1	-43.56	-27	Pass

Band Edge NVNT 802.11a 5180MHz Low Ant1



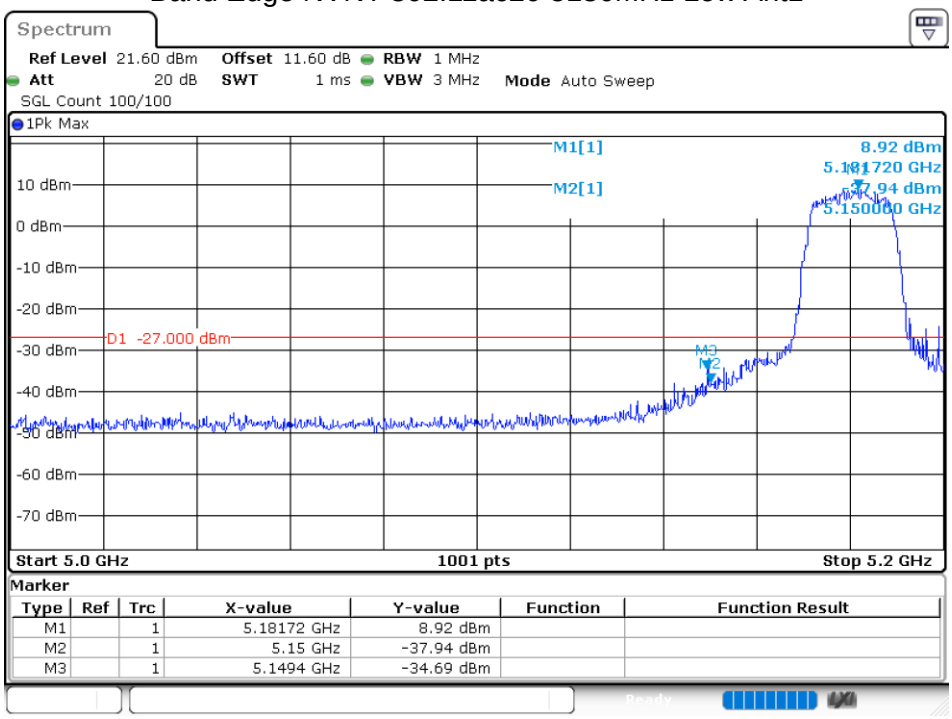
Band Edge NVNT 802.11a 5240MHz High Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.24148 GHz	10.15 dBm		
M2		1	5.35 GHz	-46.61 dBm		
M3		1	5.37 GHz	-45.38 dBm		

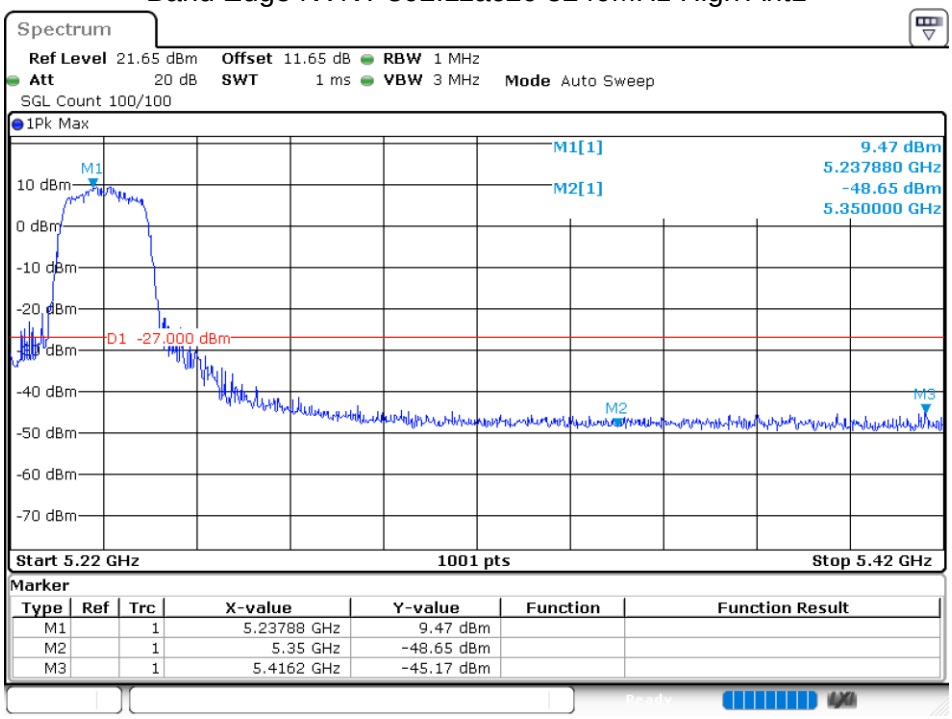
Band Edge NVNT 802.11ac20 5180MHz Low Ant1



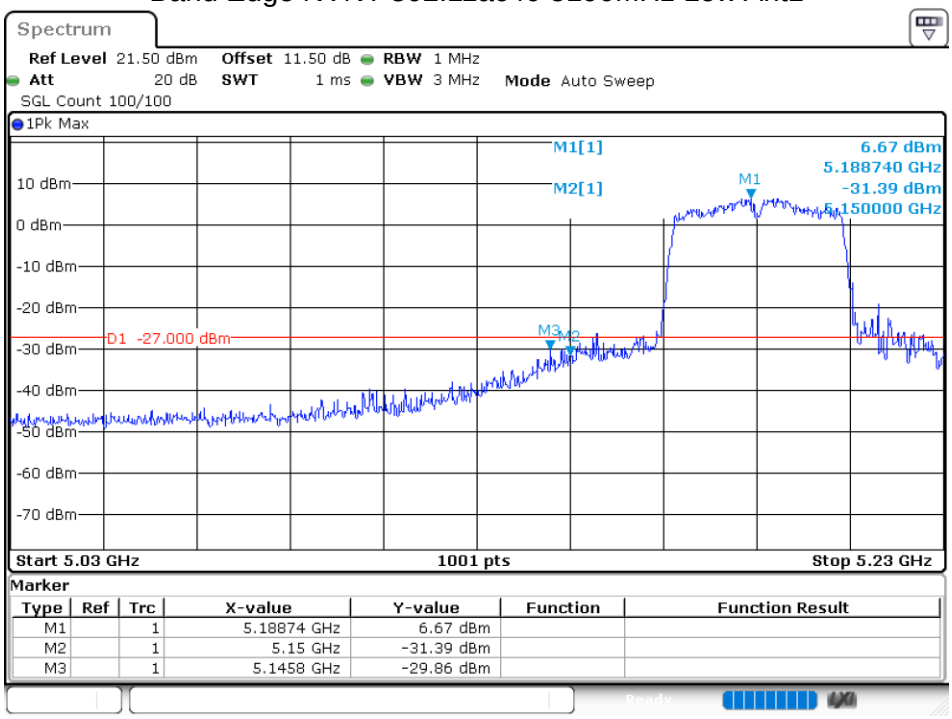
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.18172 GHz	8.92 dBm		
M2		1	5.15 GHz	-37.94 dBm		
M3		1	5.1494 GHz	-34.69 dBm		

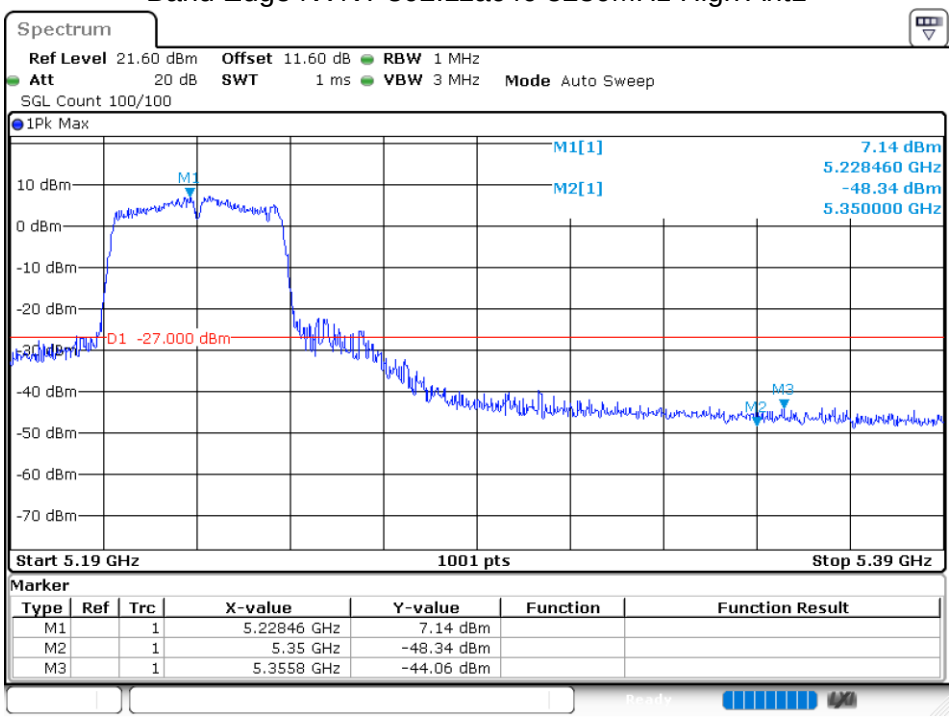
Band Edge NVNT 802.11ac20 5240MHz High Ant1



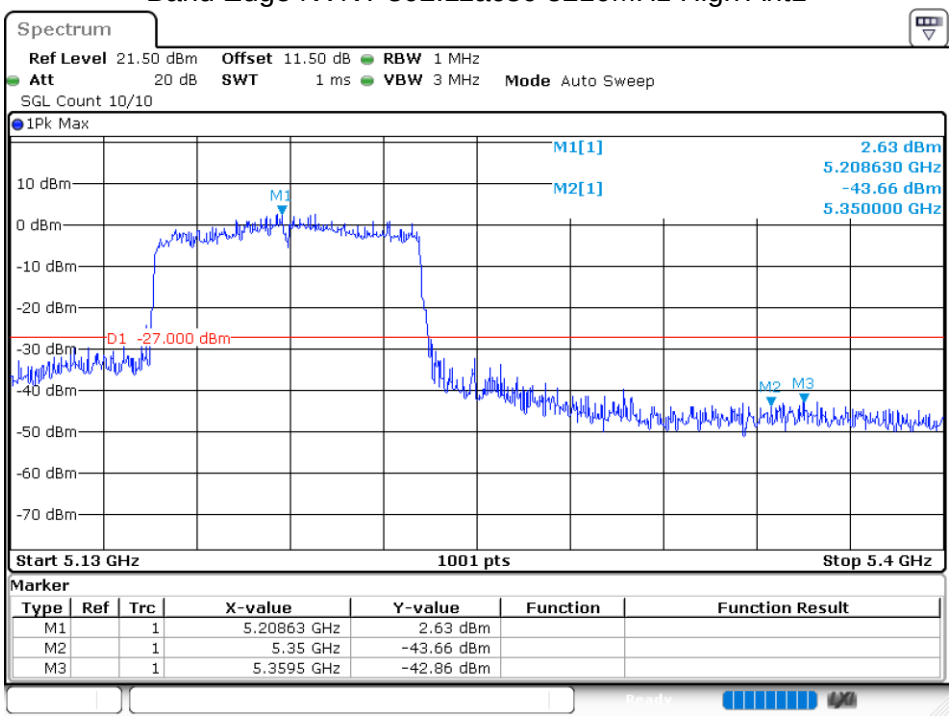
Band Edge NVNT 802.11ac40 5190MHz Low Ant1



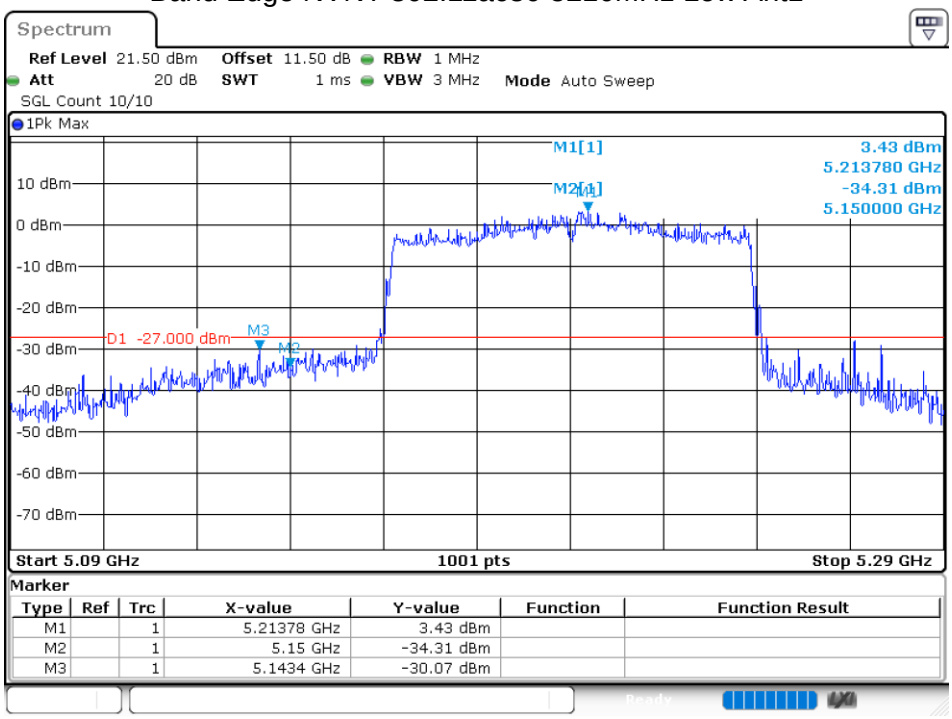
Band Edge NVNT 802.11ac40 5230MHz High Ant1



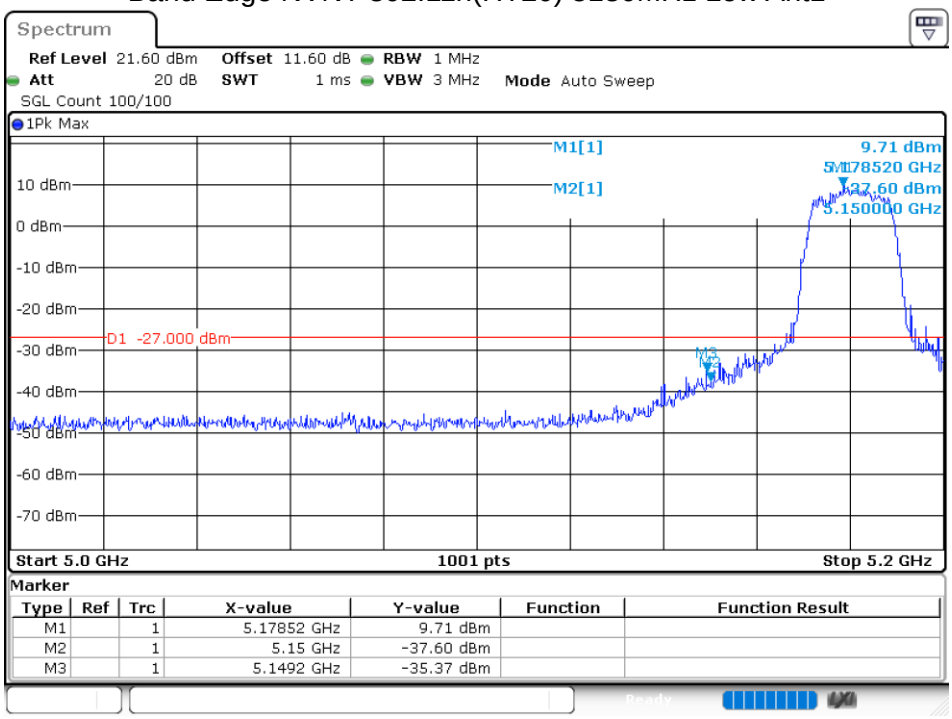
Band Edge NVNT 802.11ac80 5210MHz High Ant1



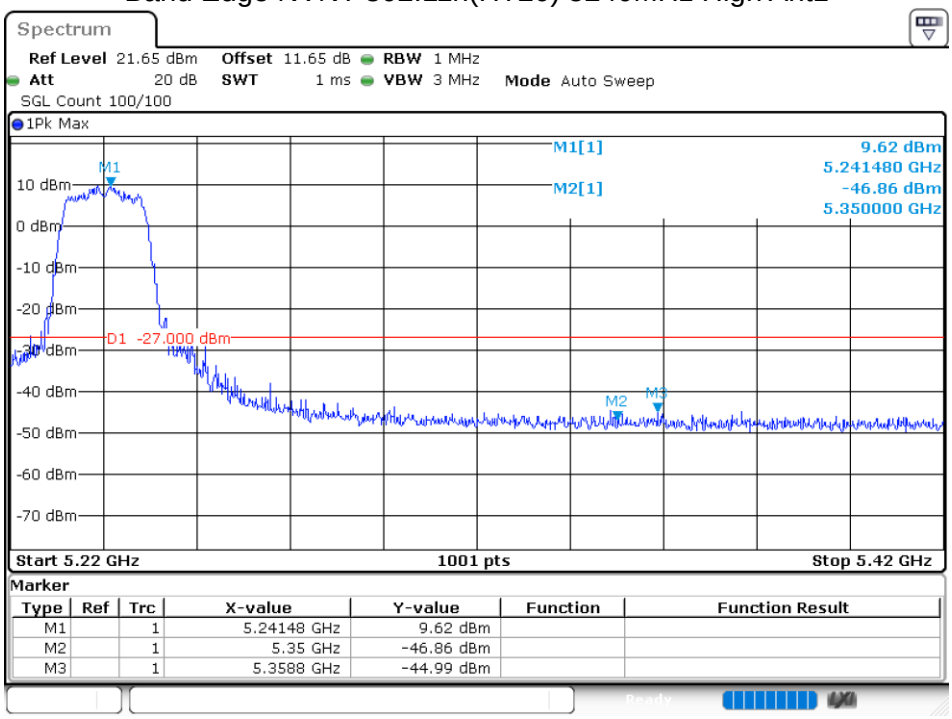
Band Edge NVNT 802.11ac80 5210MHz Low Ant1



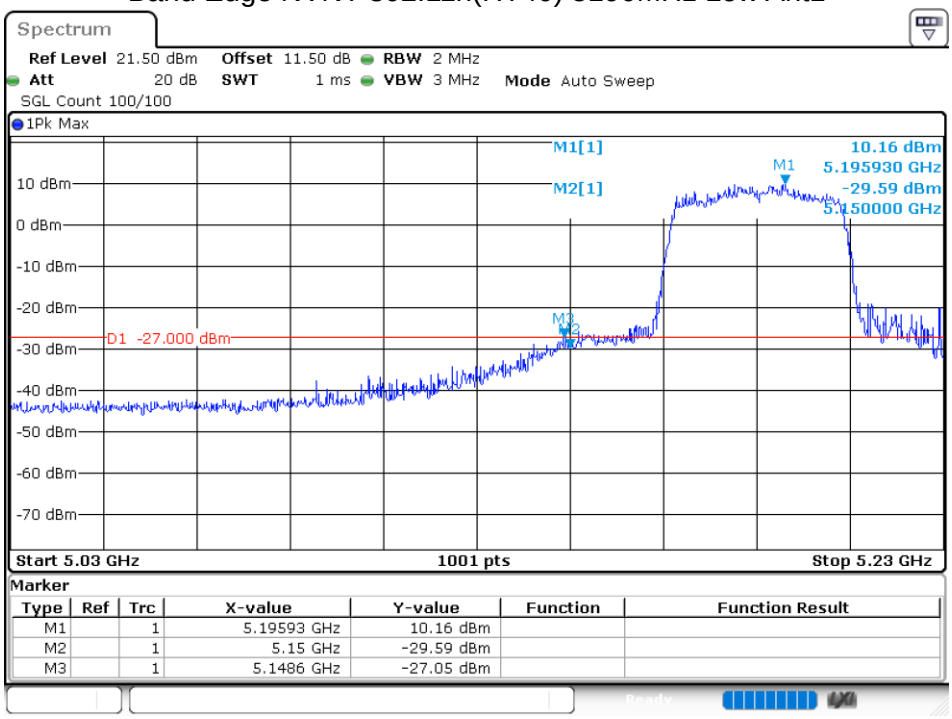
Band Edge NVNT 802.11n(HT20) 5180MHz Low Ant1



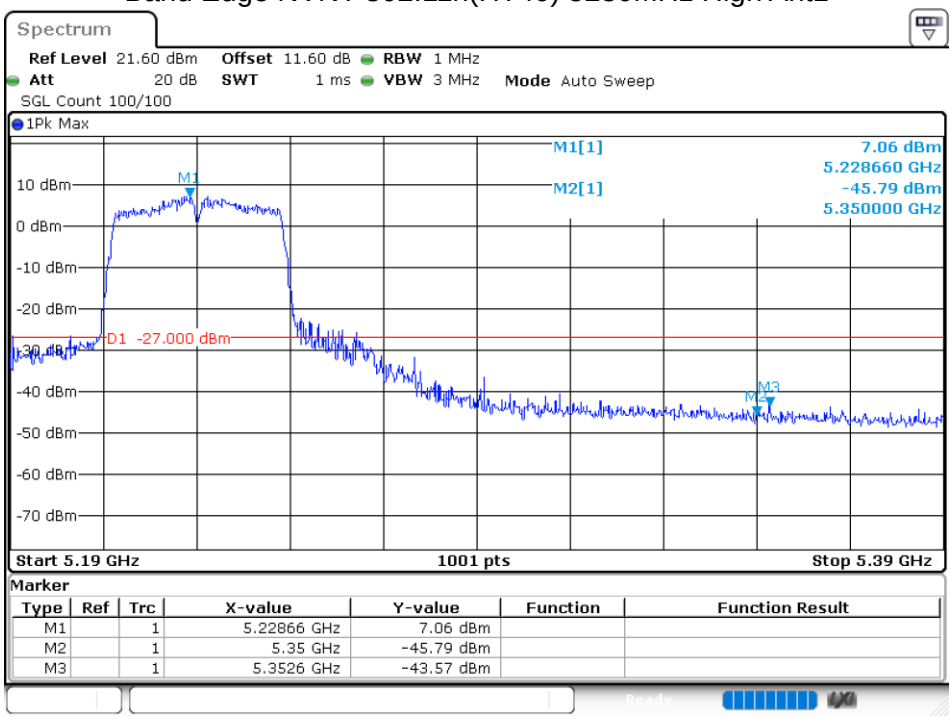
Band Edge NVNT 802.11n(HT20) 5240MHz High Ant1



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



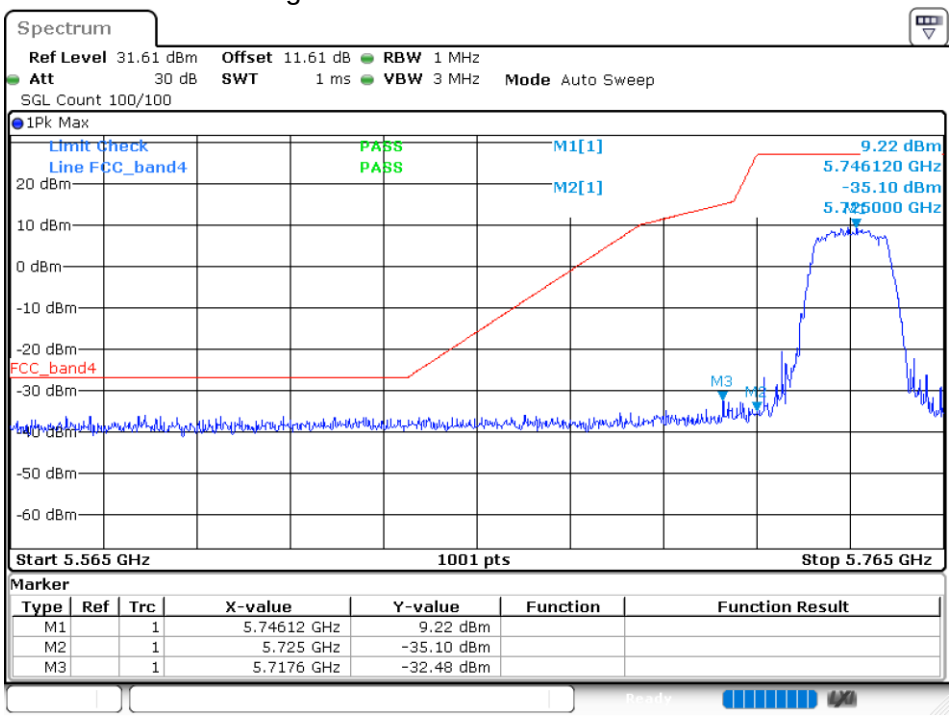
Band Edge NVNT 802.11n(HT40) 5230MHz High Ant1



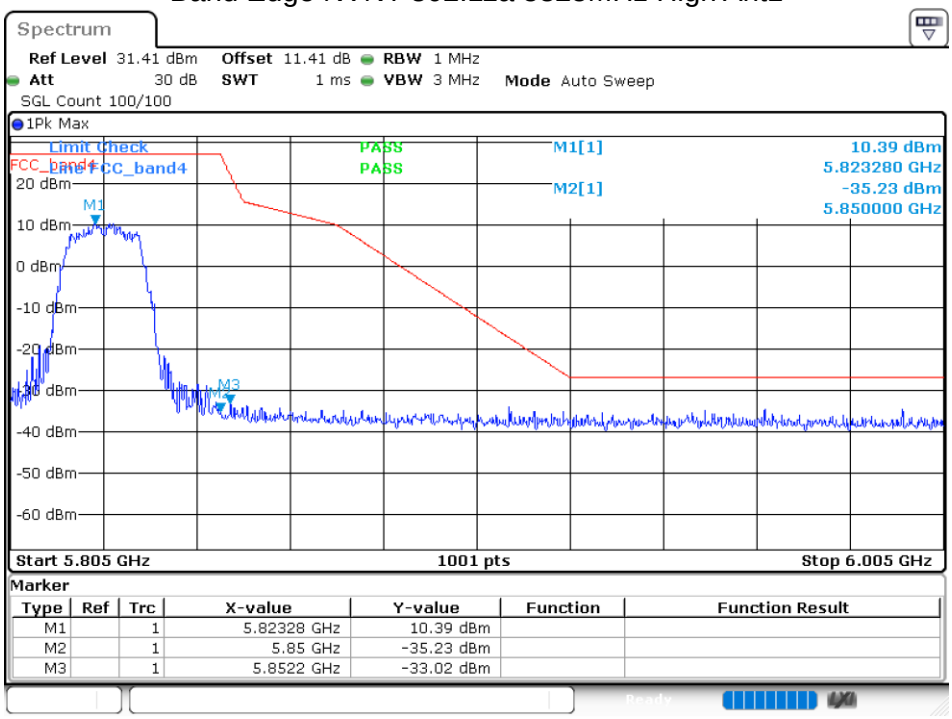
5.8G:

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Verdict
NVNT	802.11a	5745	Ant 1	-32.47	Pass
NVNT	802.11a	5825	Ant 1	-33.02	Pass
NVNT	802.11ac20	5745	Ant 1	-29.45	Pass
NVNT	802.11ac20	5825	Ant 1	-33.93	Pass
NVNT	802.11ac40	5755	Ant 1	-28.87	Pass
NVNT	802.11ac40	5795	Ant 1	-34.14	Pass
NVNT	802.11ac80	5775	Ant 1	-33.78	Pass
NVNT	802.11ac80	5775	Ant 1	-28.78	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-29.74	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-33.99	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-26.89	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-33.57	Pass

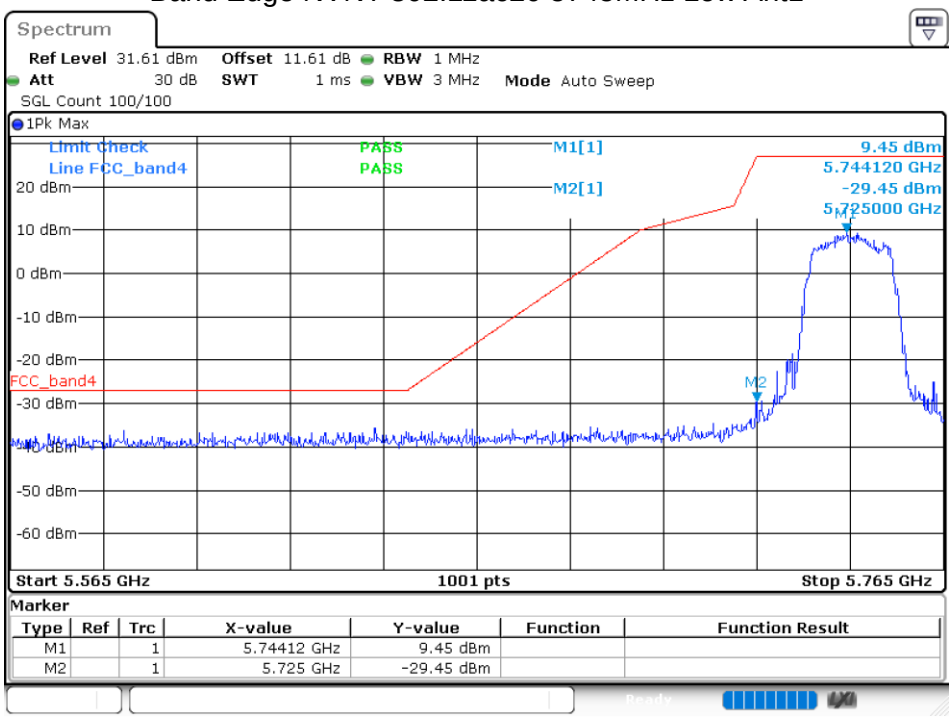
Band Edge NVNT 802.11a 5745MHz Low Ant1



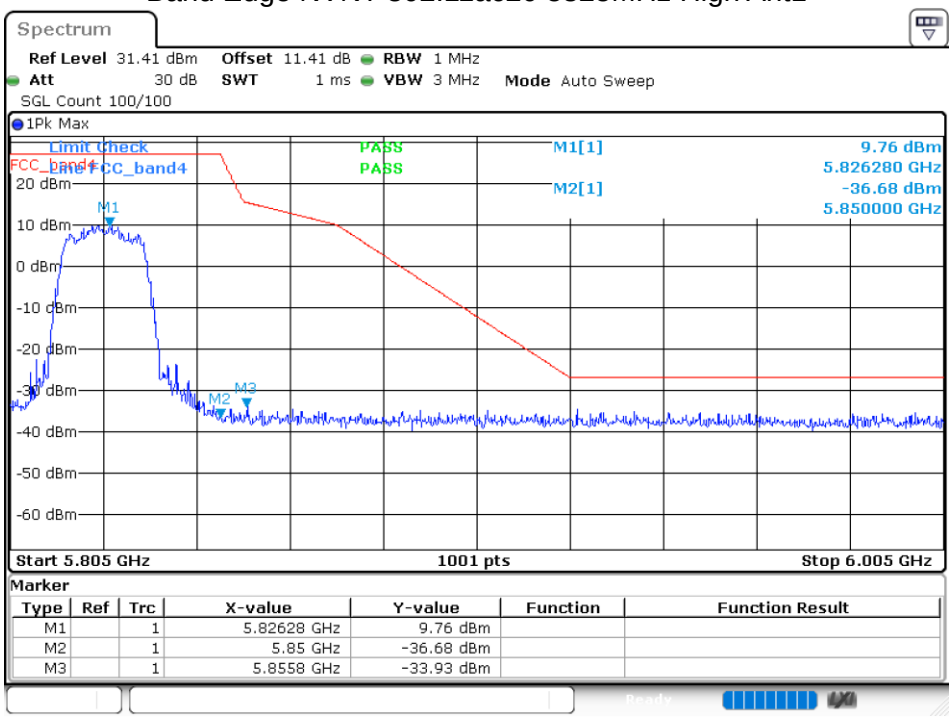
Band Edge NVNT 802.11a 5825MHz High Ant1



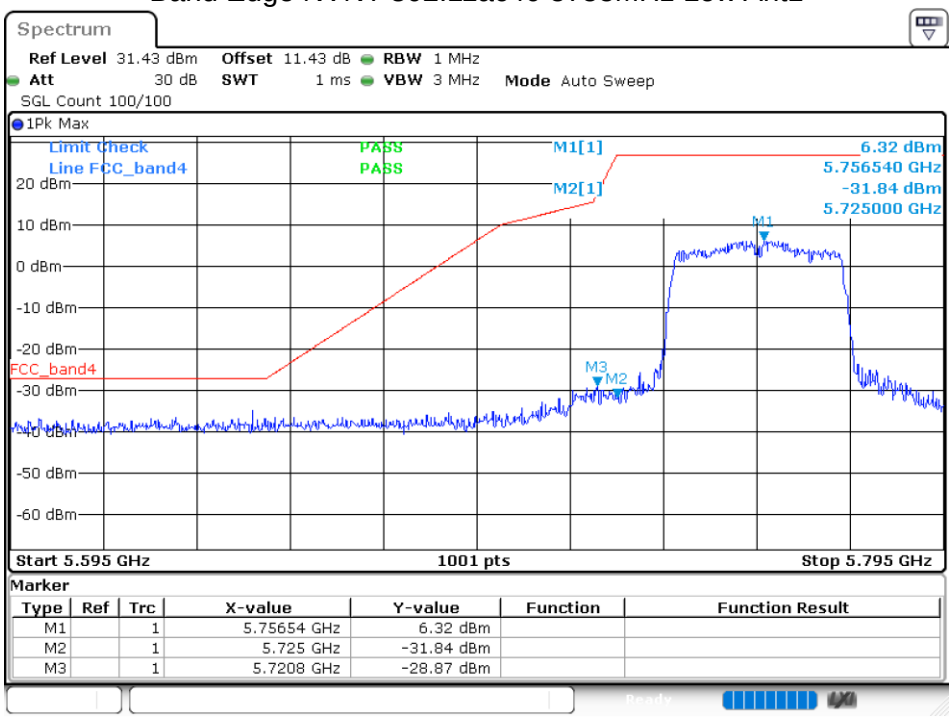
Band Edge NVNT 802.11ac20 5745MHz Low Ant1



Band Edge NVNT 802.11ac20 5825MHz High Ant1

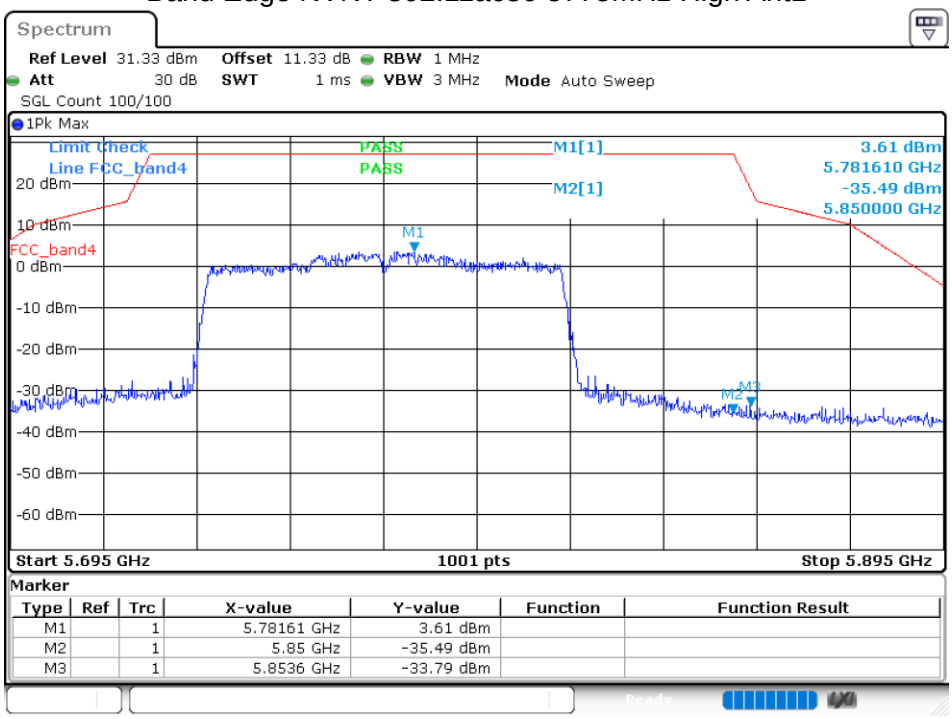


Band Edge NVNT 802.11ac40 5755MHz Low Ant1



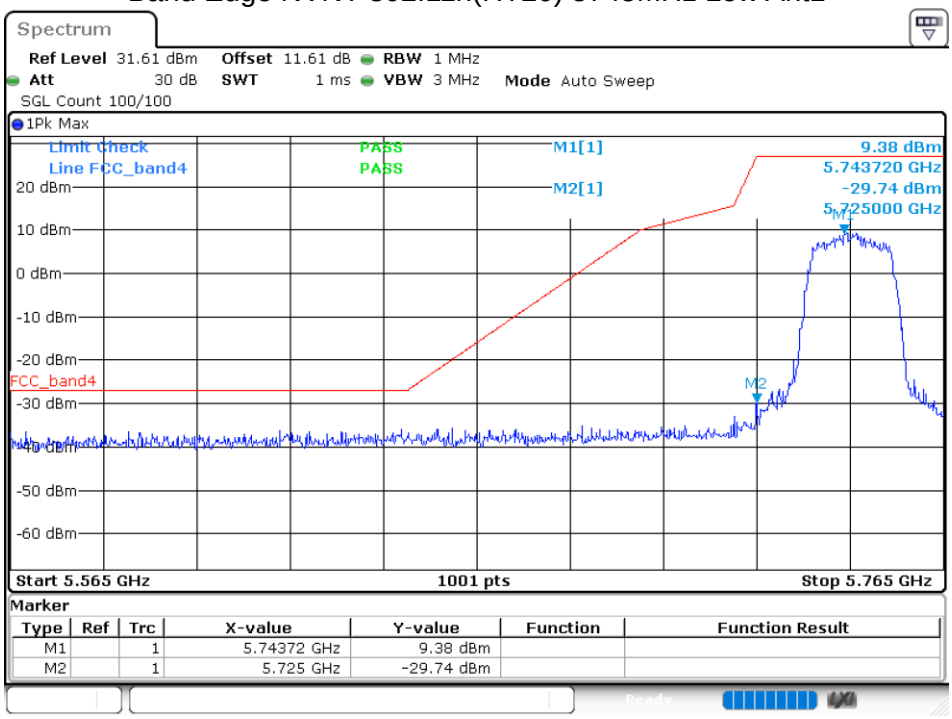
Band Edge NVNT 802.11ac40 5795MHz High Ant1

Band Edge NVNT 802.11ac80 5775MHz High Ant1

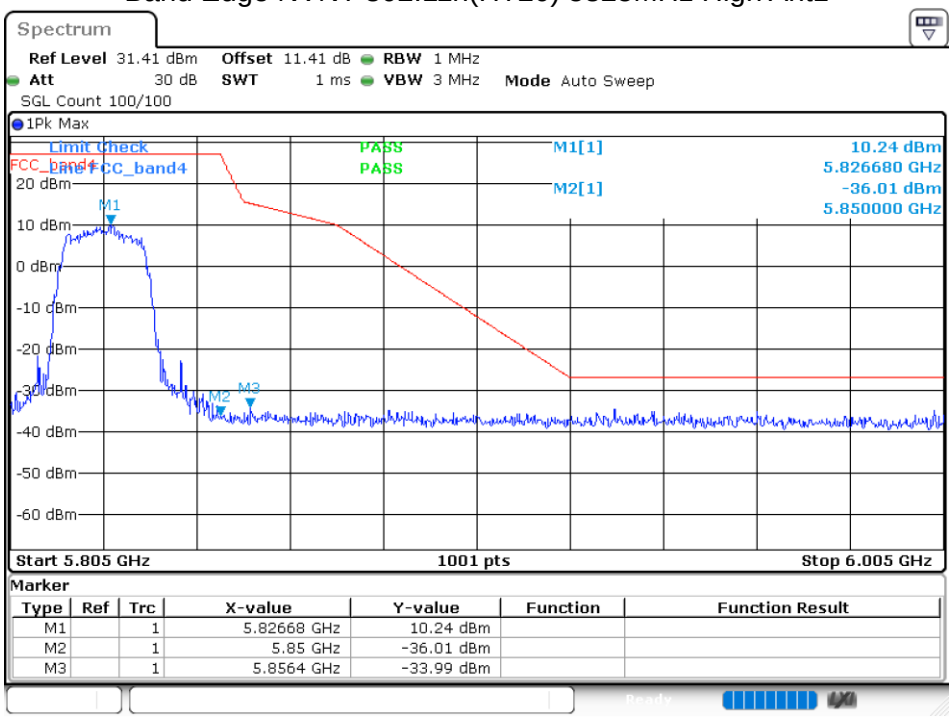


Band Edge NVNT 802.11ac80 5775MHz Low Ant1

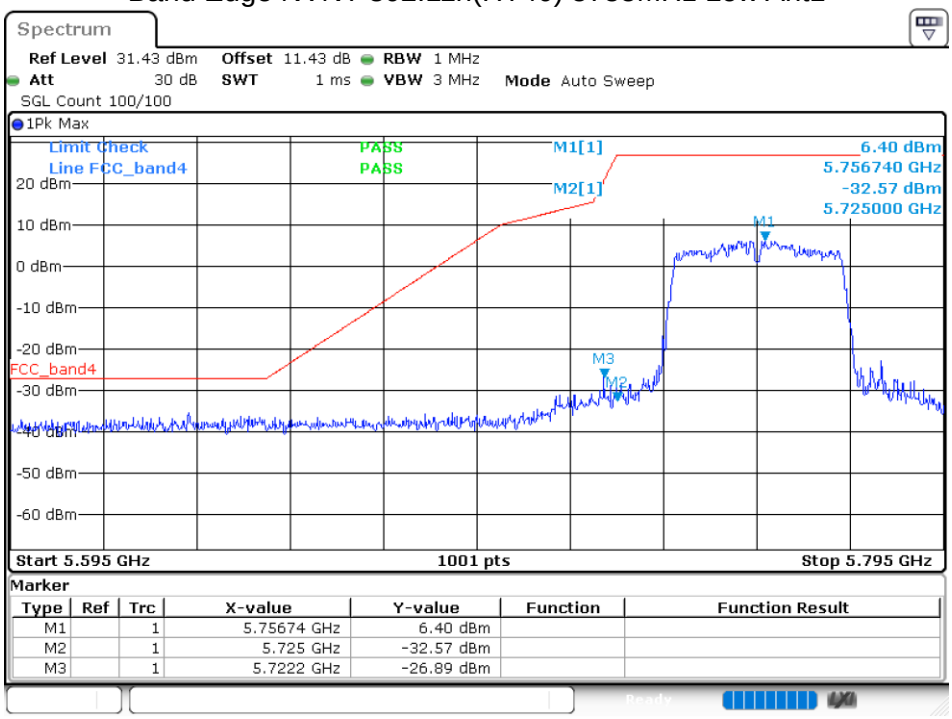
Band Edge NVNT 802.11n(HT20) 5745MHz Low Ant1



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



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



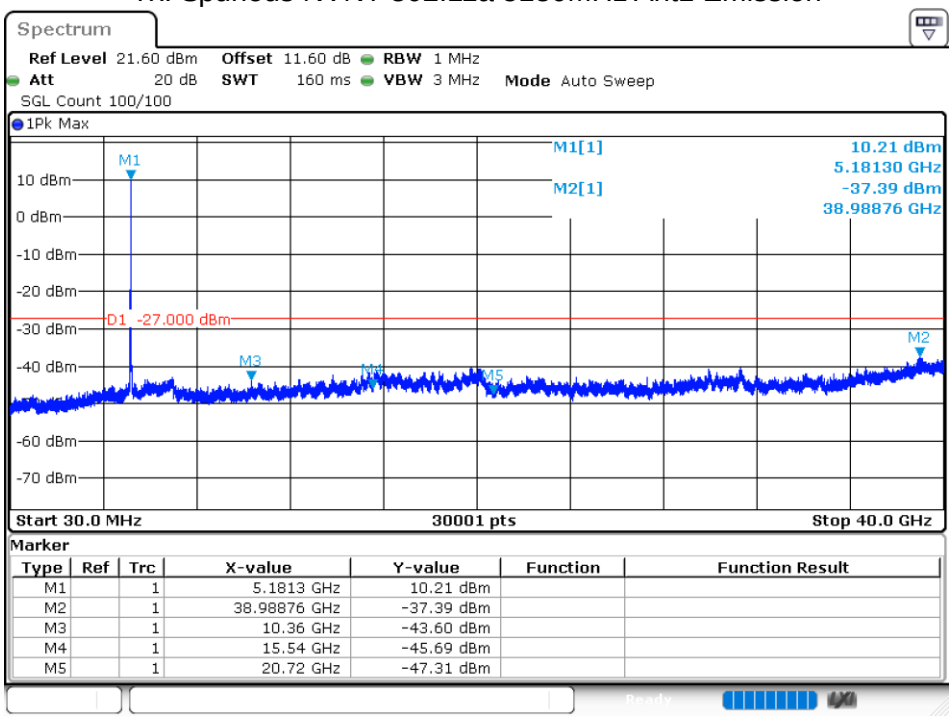
Band Edge NVNT 802.11n(HT40) 5795MHz High Ant1

5.7CONDUCTED RF SPURIOUS EMISSION

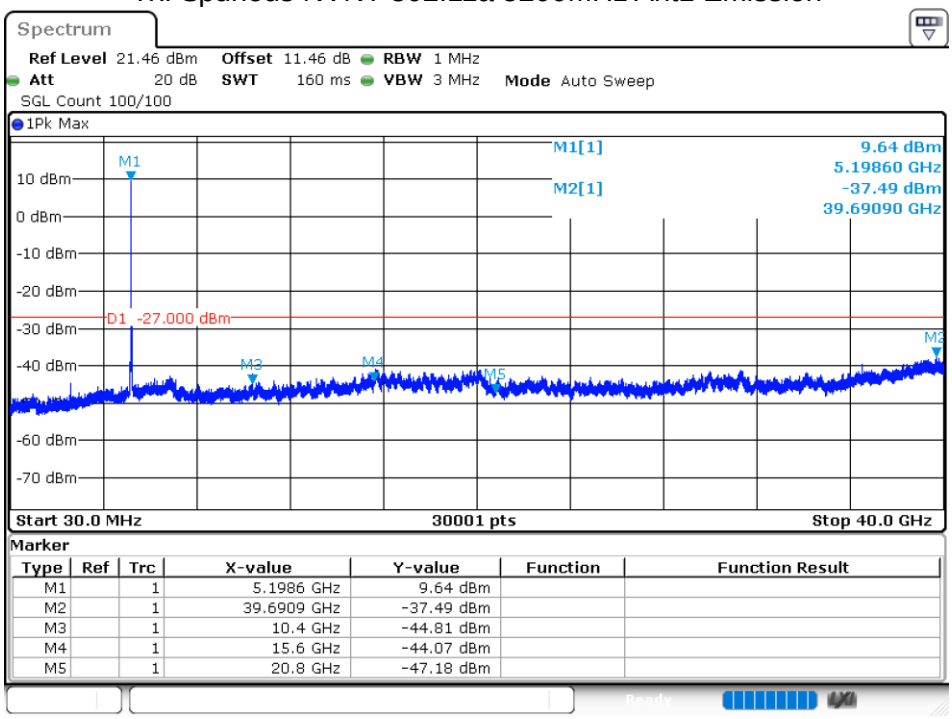
5.2G:

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11a	5180	Ant 1	-37.39	-27	Pass
NVNT	802.11a	5200	Ant 1	-37.49	-27	Pass
NVNT	802.11a	5240	Ant 1	-37.78	-27	Pass
NVNT	802.11ac20	5180	Ant 1	-38.1	-27	Pass
NVNT	802.11ac20	5200	Ant 1	-37.4	-27	Pass
NVNT	802.11ac20	5240	Ant 1	-37.02	-27	Pass
NVNT	802.11ac40	5190	Ant 1	-37.87	-27	Pass
NVNT	802.11ac40	5230	Ant 1	-38.4	-27	Pass
NVNT	802.11ac80	5210	Ant 1	-38.23	-27	Pass
NVNT	802.11n(HT20)	5180	Ant 1	-36.76	-27	Pass
NVNT	802.11n(HT20)	5200	Ant 1	-37.85	-27	Pass
NVNT	802.11n(HT20)	5240	Ant 1	-37.51	-27	Pass
NVNT	802.11n(HT40)	5190	Ant 1	-38.12	-27	Pass
NVNT	802.11n(HT40)	5230	Ant 1	-37.89	-27	Pass

Tx. Spurious NVNT 802.11a 5180MHz Ant1 Emission



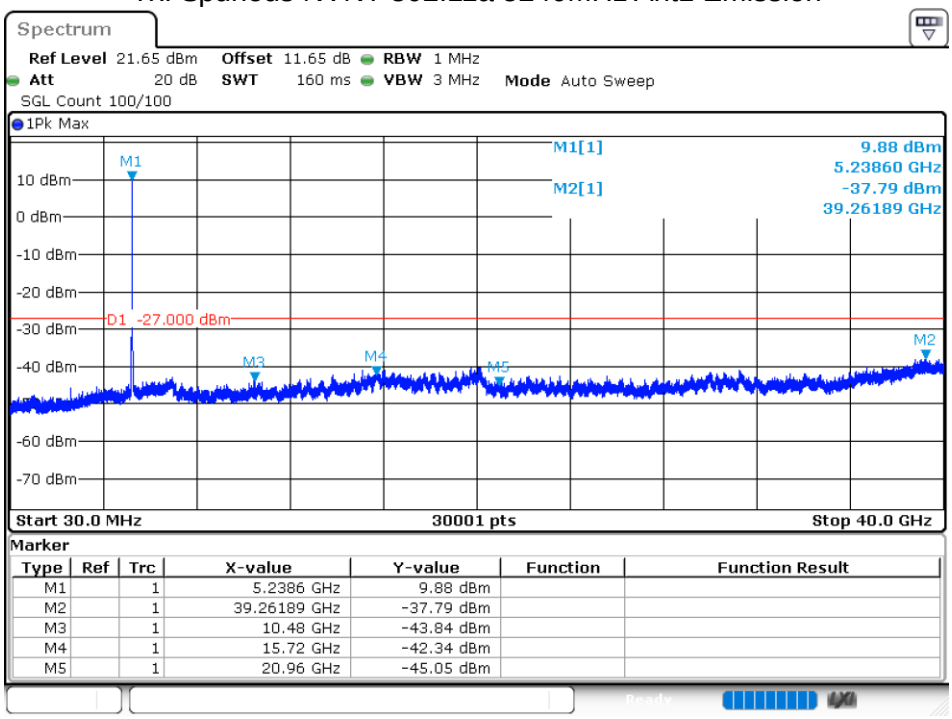
Tx. Spurious NVNT 802.11a 5200MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.1986 GHz	9.64 dBm		
M2		1	39.6909 GHz	-37.49 dBm		
M3		1	10.4 GHz	-44.81 dBm		
M4		1	15.6 GHz	-44.07 dBm		
M5		1	20.8 GHz	-47.18 dBm		

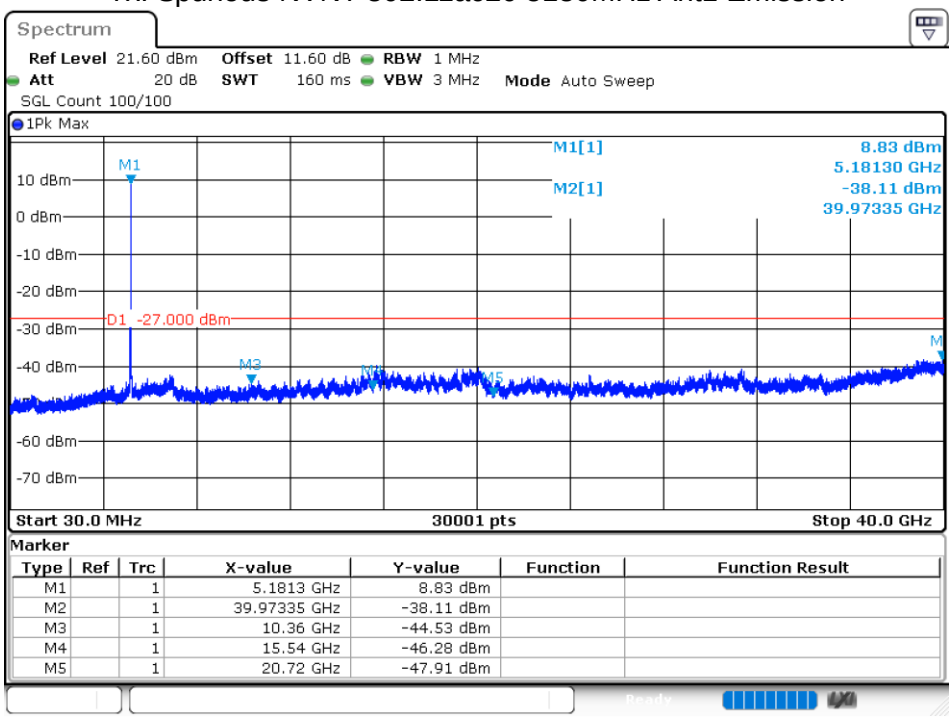
Tx. Spurious NVNT 802.11a 5240MHz Ant1 Emission



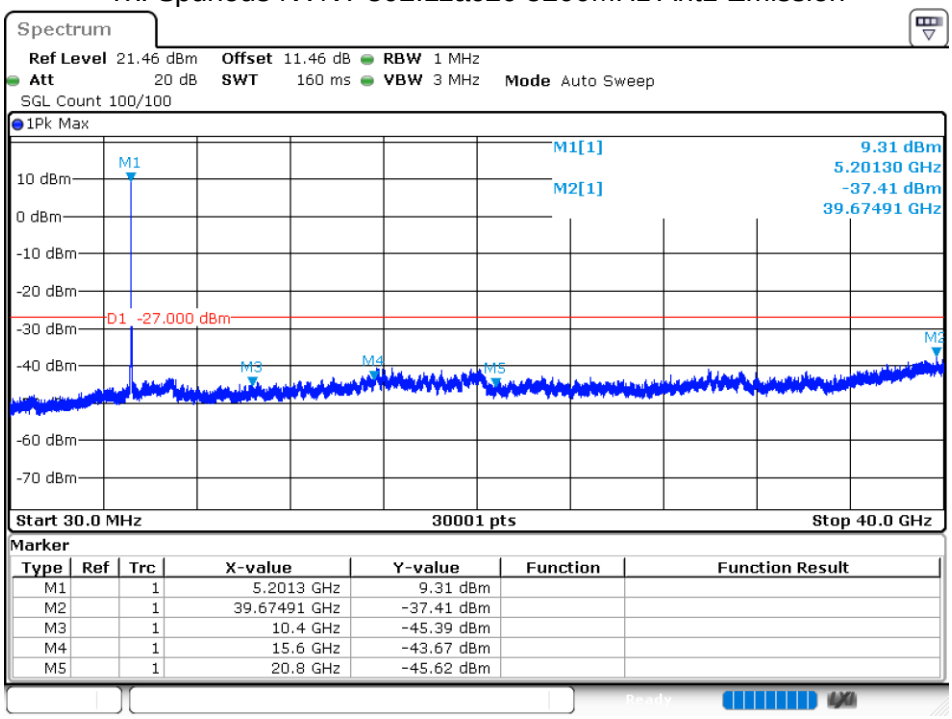
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2386 GHz	9.88 dBm		
M2		1	39.26189 GHz	-37.79 dBm		
M3		1	10.48 GHz	-43.84 dBm		
M4		1	15.72 GHz	-42.34 dBm		
M5		1	20.96 GHz	-45.05 dBm		

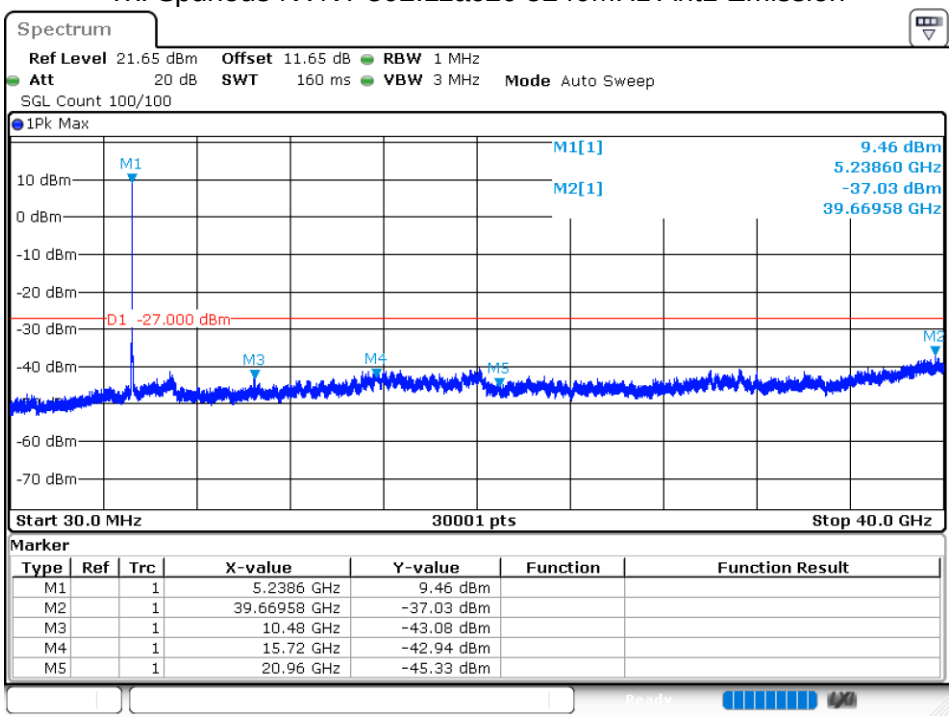
Tx. Spurious NVNT 802.11ac20 5180MHz Ant1 Emission



Tx. Spurious NVNT 802.11ac20 5200MHz Ant1 Emission



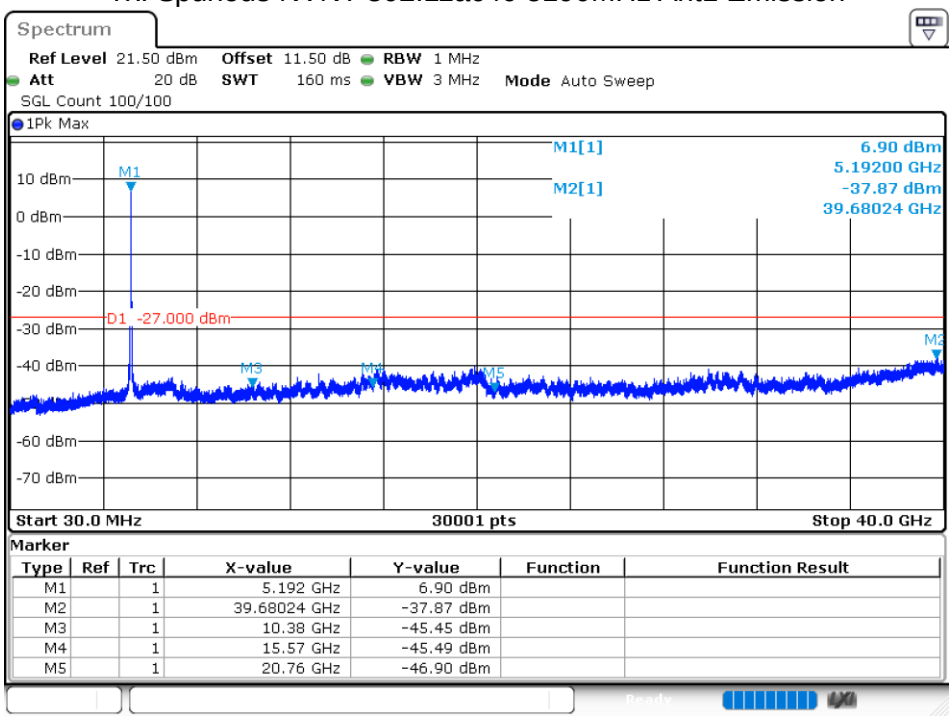
Tx. Spurious NVNT 802.11ac20 5240MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2386 GHz	9.46 dBm		
M2		1	39.66958 GHz	-37.03 dBm		
M3		1	10.48 GHz	-43.08 dBm		
M4		1	15.72 GHz	-42.94 dBm		
M5		1	20.96 GHz	-45.33 dBm		

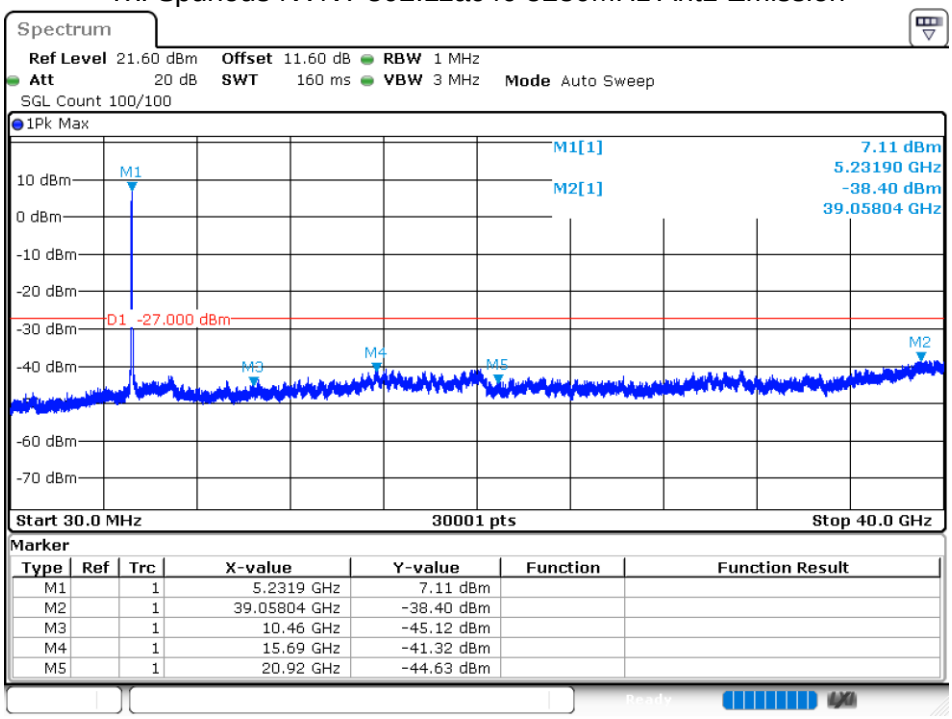
Tx. Spurious NVNT 802.11ac40 5190MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.192 GHz	6.90 dBm		
M2		1	39.68024 GHz	-37.87 dBm		
M3		1	10.38 GHz	-45.45 dBm		
M4		1	15.57 GHz	-45.49 dBm		
M5		1	20.76 GHz	-46.90 dBm		

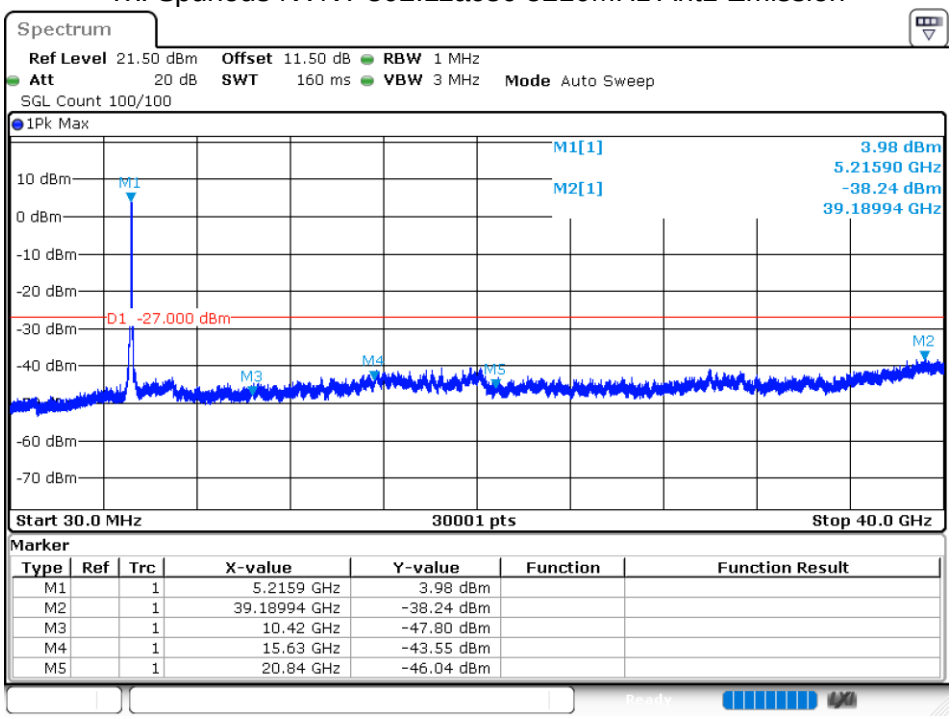
Tx. Spurious NVNT 802.11ac40 5230MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2319 GHz	7.11 dBm		
M2		1	39.05804 GHz	-38.40 dBm		
M3		1	10.46 GHz	-45.12 dBm		
M4		1	15.69 GHz	-41.32 dBm		
M5		1	20.92 GHz	-44.63 dBm		

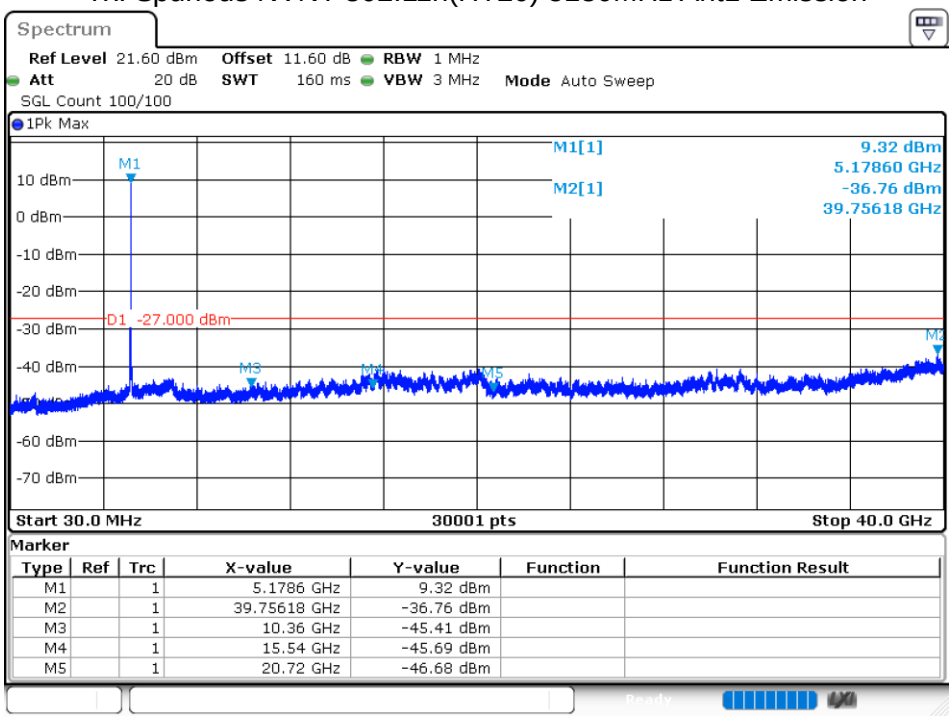
Tx. Spurious NVNT 802.11ac80 5210MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2159 GHz	3.98 dBm		
M2		1	39.18994 GHz	-38.24 dBm		
M3		1	10.42 GHz	-47.80 dBm		
M4		1	15.63 GHz	-43.55 dBm		
M5		1	20.84 GHz	-46.04 dBm		

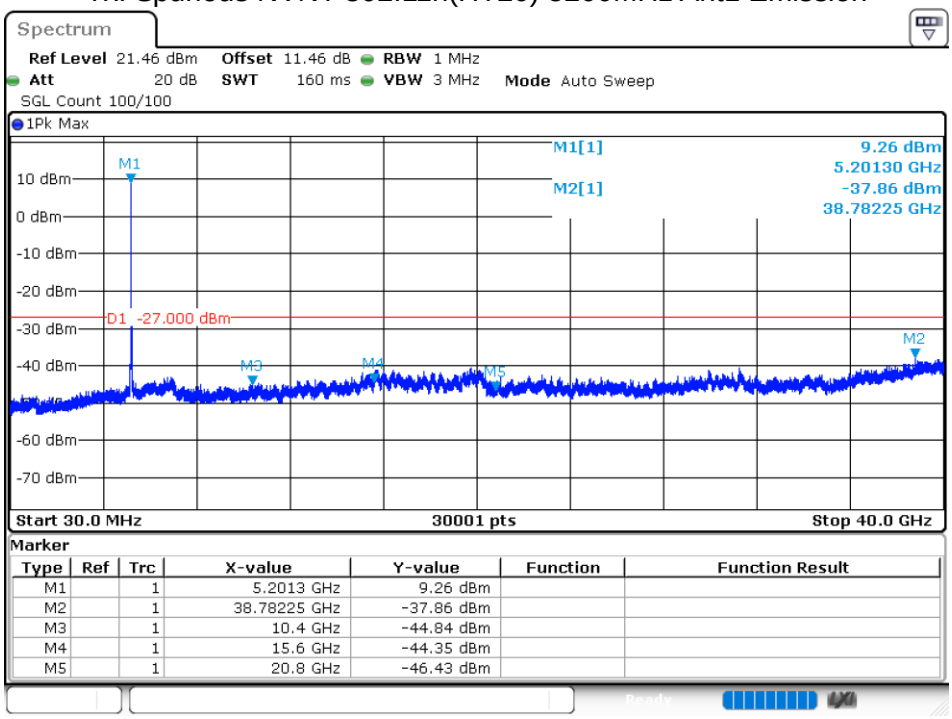
Tx. Spurious NVNT 802.11n(HT20) 5180MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.1786 GHz	9.32 dBm		
M2		1	39.75618 GHz	-36.76 dBm		
M3		1	10.36 GHz	-45.41 dBm		
M4		1	15.54 GHz	-45.69 dBm		
M5		1	20.72 GHz	-46.68 dBm		

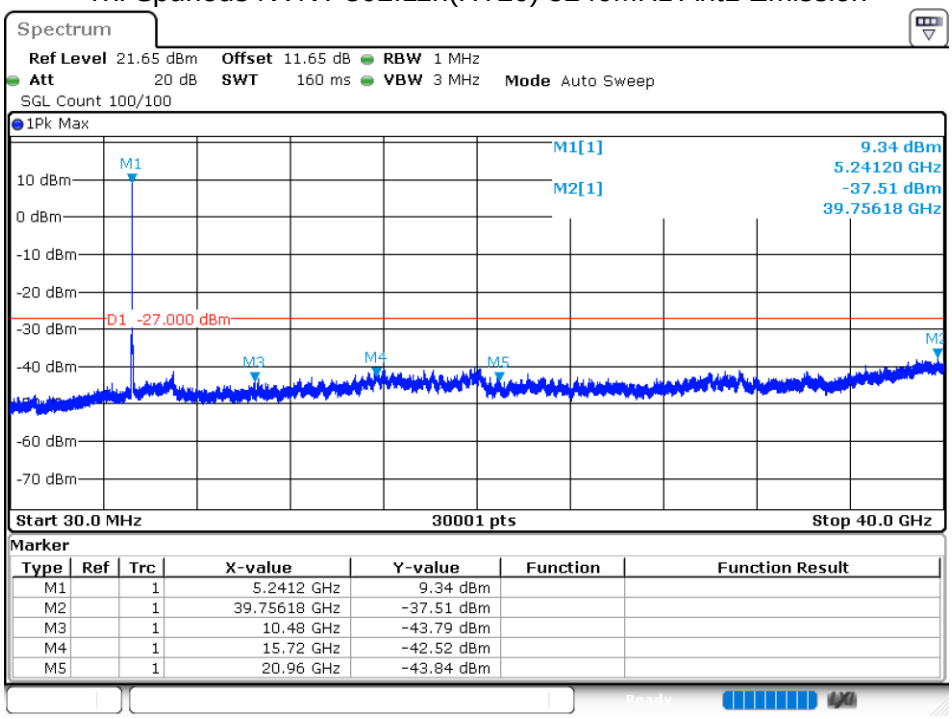
Tx. Spurious NVNT 802.11n(HT20) 5200MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2013 GHz	9.26 dBm		
M2		1	38.78225 GHz	-37.86 dBm		
M3		1	10.4 GHz	-44.84 dBm		
M4		1	15.6 GHz	-44.35 dBm		
M5		1	20.8 GHz	-46.43 dBm		

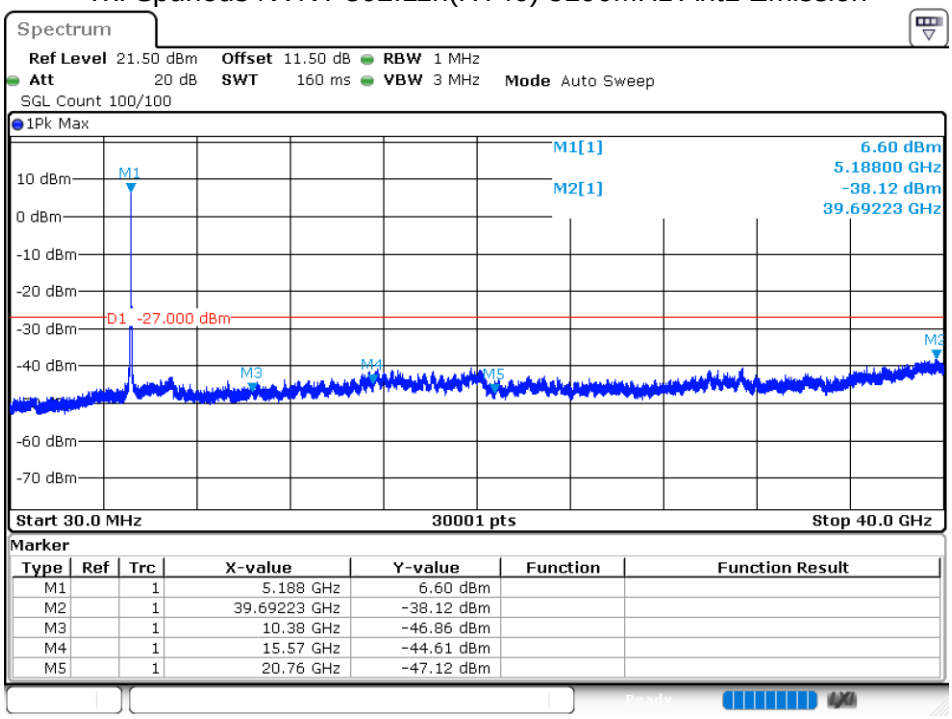
Tx. Spurious NVNT 802.11n(HT20) 5240MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2412 GHz	9.34 dBm		
M2		1	39.75618 GHz	-37.51 dBm		
M3		1	10.48 GHz	-43.79 dBm		
M4		1	15.72 GHz	-42.52 dBm		
M5		1	20.96 GHz	-43.84 dBm		

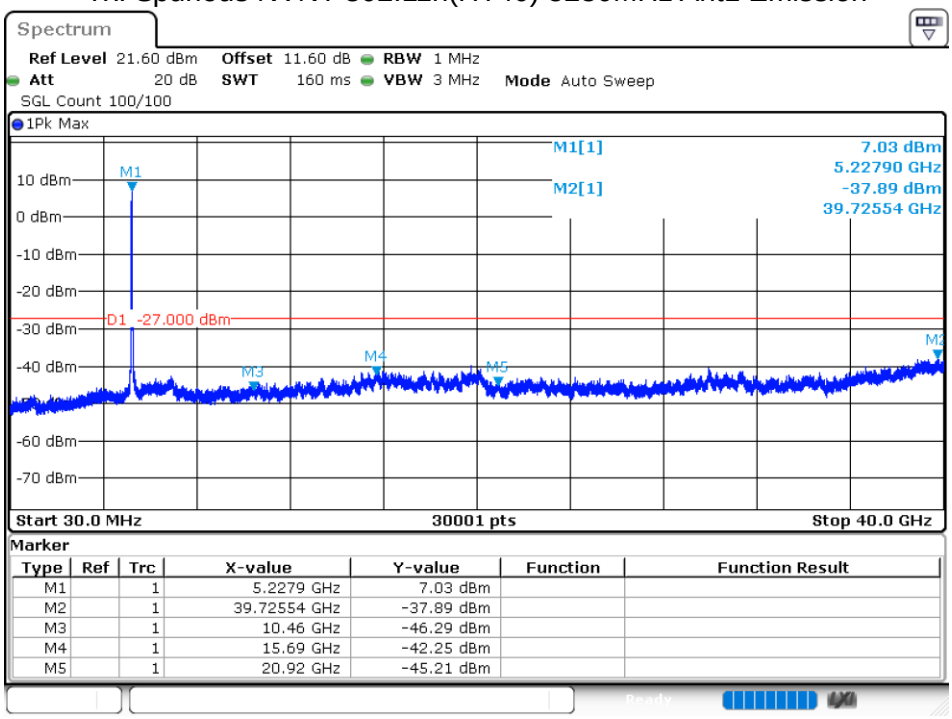
Tx. Spurious NVNT 802.11n(HT40) 5190MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.188 GHz	6.60 dBm		
M2		1	39.69223 GHz	-38.12 dBm		
M3		1	10.38 GHz	-46.86 dBm		
M4		1	15.57 GHz	-44.61 dBm		
M5		1	20.76 GHz	-47.12 dBm		

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



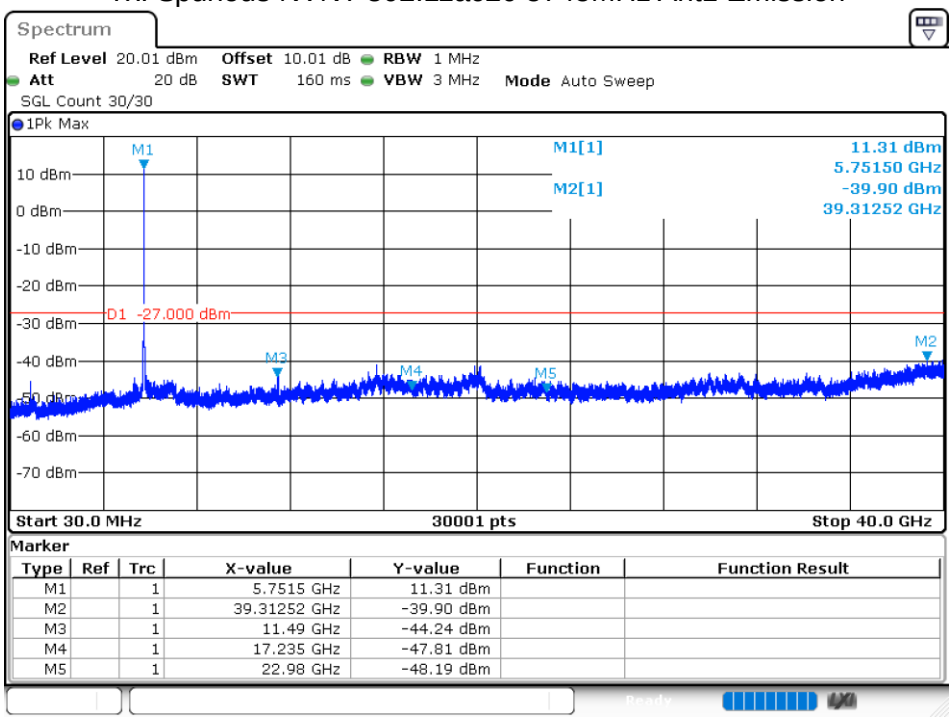
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.2279 GHz	7.03 dBm		
M2		1	39.72554 GHz	-37.89 dBm		
M3		1	10.46 GHz	-46.29 dBm		
M4		1	15.69 GHz	-42.25 dBm		
M5		1	20.92 GHz	-45.21 dBm		

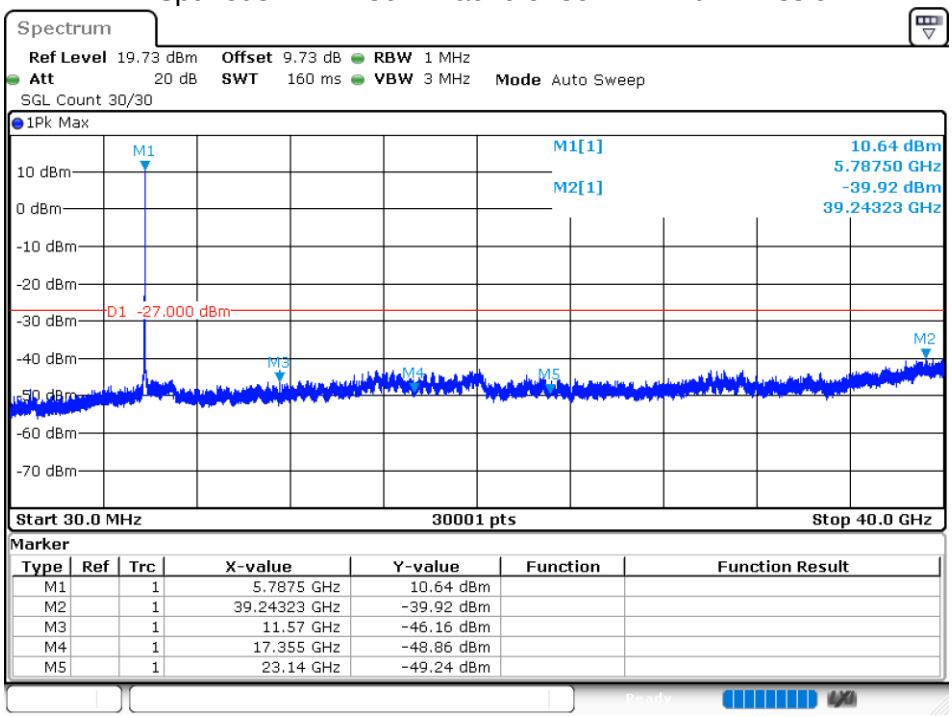
5.8G:

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11a	5745	Ant 1	-39.9	-27	Pass
NVNT	802.11a	5785	Ant 1	-39.92	-27	Pass
NVNT	802.11a	5825	Ant 1	-40.13	-27	Pass
NVNT	802.11ac20	5745	Ant 1	-40.39	-27	Pass
NVNT	802.11ac20	5785	Ant 1	-39.57	-27	Pass
NVNT	802.11ac20	5825	Ant 1	-39.87	-27	Pass
NVNT	802.11ac40	5755	Ant 1	-38.41	-27	Pass
NVNT	802.11ac40	5795	Ant 1	-39.85	-27	Pass
NVNT	802.11ac80	5775	Ant 1	-39.45	-27	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-39.78	-27	Pass
NVNT	802.11n(HT20)	5785	Ant 1	-39.27	-27	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-39.38	-27	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-35.37	-27	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-40.38	-27	Pass

Tx. Spurious NVNT 802.11ac20 5745MHz Ant1 Emission



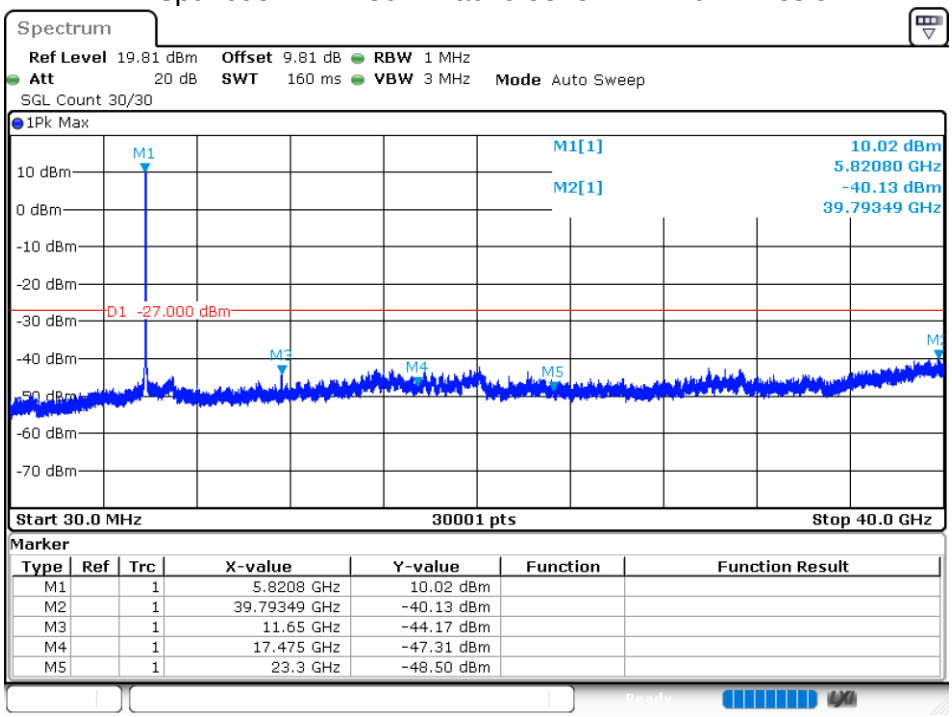
Tx. Spurious NVNT 802.11ac20 5785MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7875 GHz	10.64 dBm		
M2		1	39.24323 GHz	-39.92 dBm		
M3		1	11.57 GHz	-46.16 dBm		
M4		1	17.355 GHz	-48.86 dBm		
M5		1	23.14 GHz	-49.24 dBm		

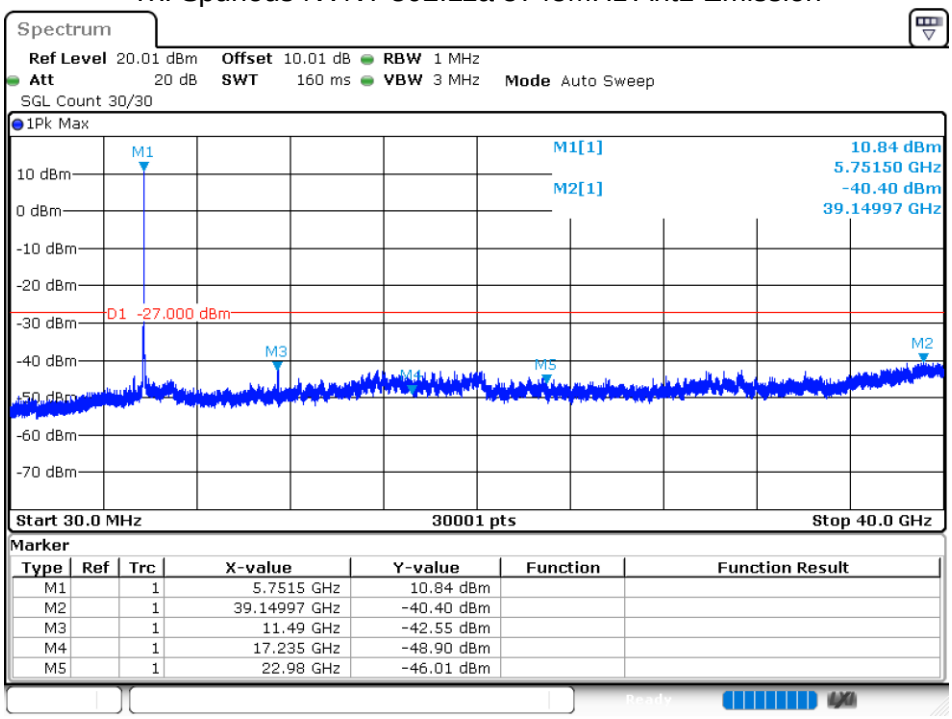
Tx. Spurious NVNT 802.11ac20 5825MHz Ant1 Emission



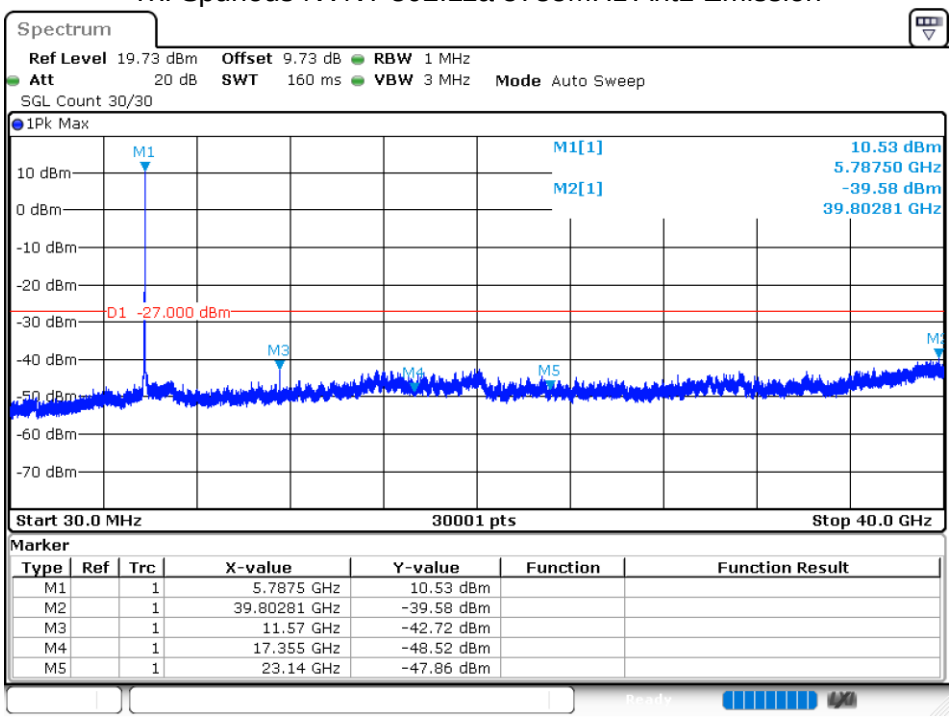
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8208 GHz	10.02 dBm		
M2		1	39.79349 GHz	-40.13 dBm		
M3		1	11.65 GHz	-44.17 dBm		
M4		1	17.475 GHz	-47.31 dBm		
M5		1	23.3 GHz	-48.50 dBm		

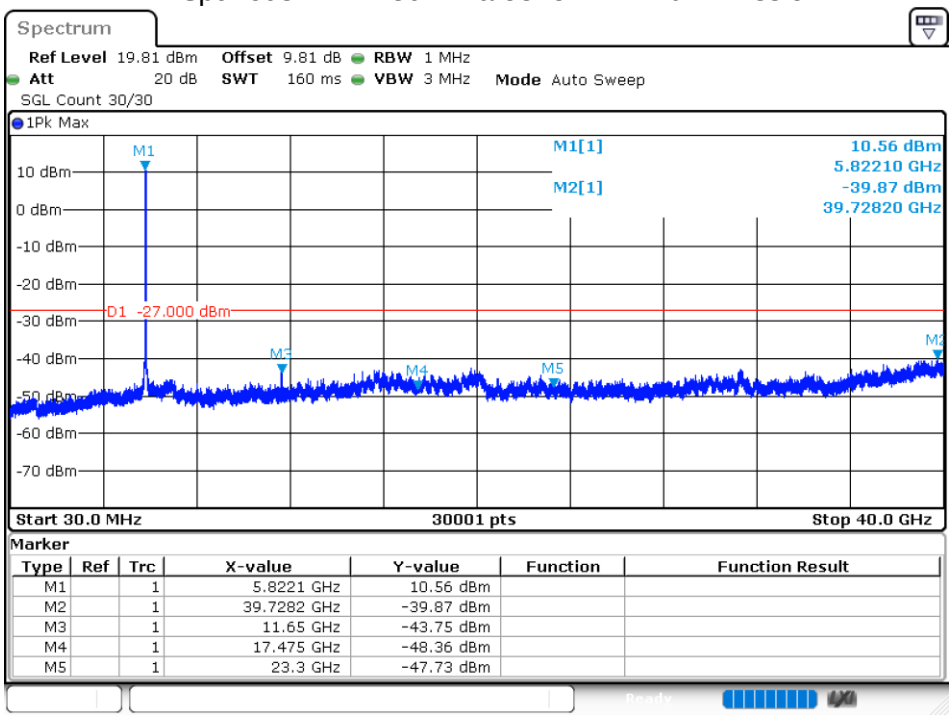
Tx. Spurious NVNT 802.11a 5745MHz Ant1 Emission



Tx. Spurious NVNT 802.11a 5785MHz Ant1 Emission



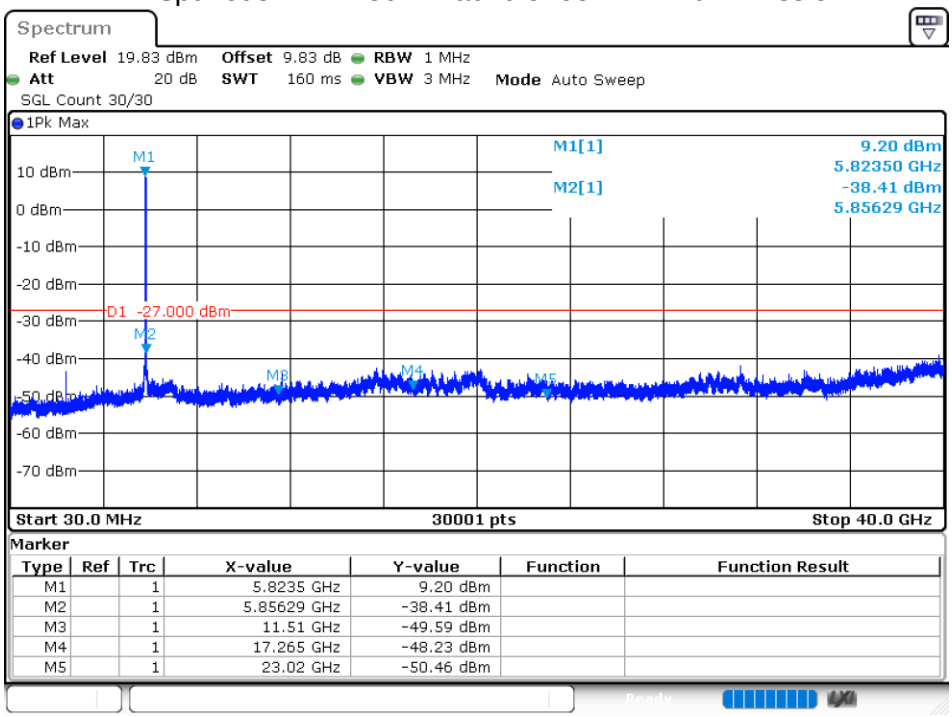
Tx. Spurious NVNT 802.11a 5825MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8221 GHz	10.56 dBm		
M2		1	39.7282 GHz	-39.87 dBm		
M3		1	11.65 GHz	-43.75 dBm		
M4		1	17.475 GHz	-48.36 dBm		
M5		1	23.3 GHz	-47.73 dBm		

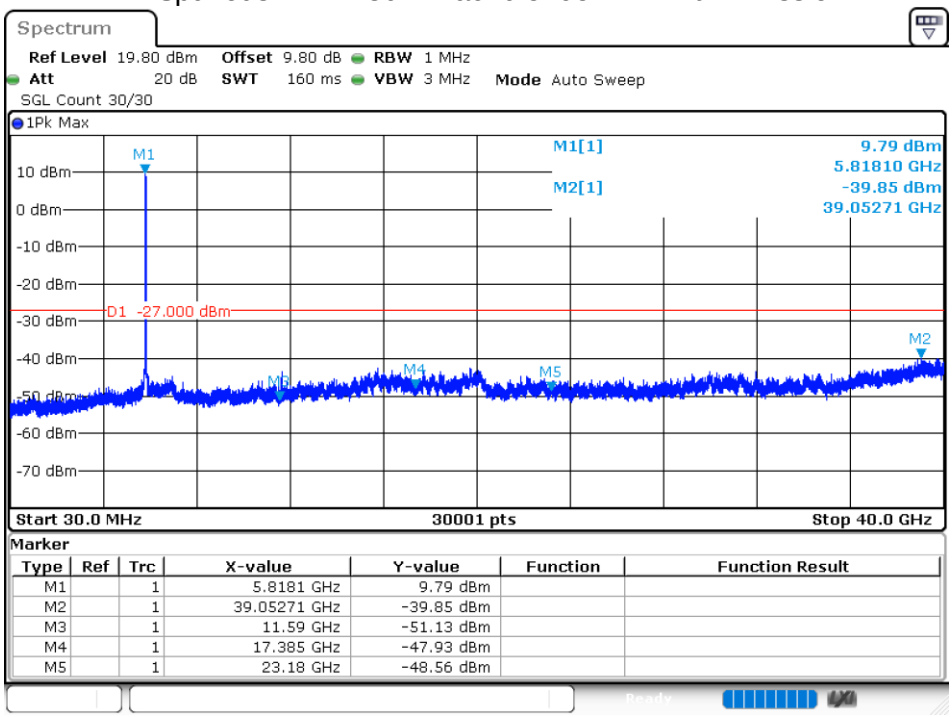
Tx. Spurious NVNT 802.11ac40 5755MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8235 GHz	9.20 dBm		
M2		1	5.85629 GHz	-38.41 dBm		
M3		1	11.51 GHz	-49.59 dBm		
M4		1	17.265 GHz	-48.23 dBm		
M5		1	23.02 GHz	-50.46 dBm		

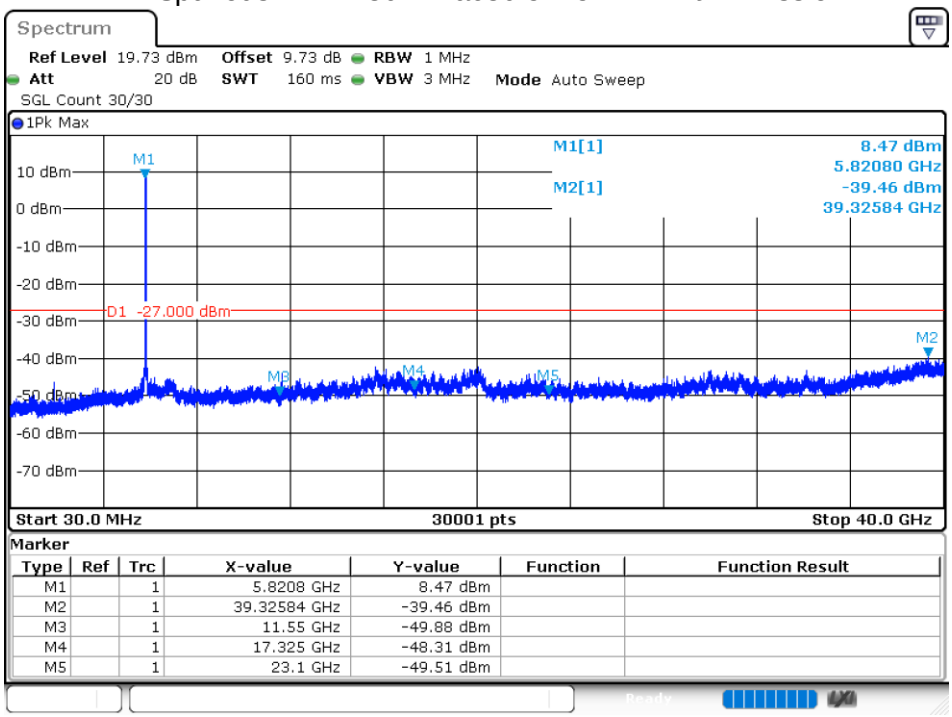
Tx. Spurious NVNT 802.11ac40 5795MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8181 GHz	9.79 dBm		
M2		1	39.05271 GHz	-39.85 dBm		
M3		1	11.59 GHz	-51.13 dBm		
M4		1	17.385 GHz	-47.93 dBm		
M5		1	23.18 GHz	-48.56 dBm		

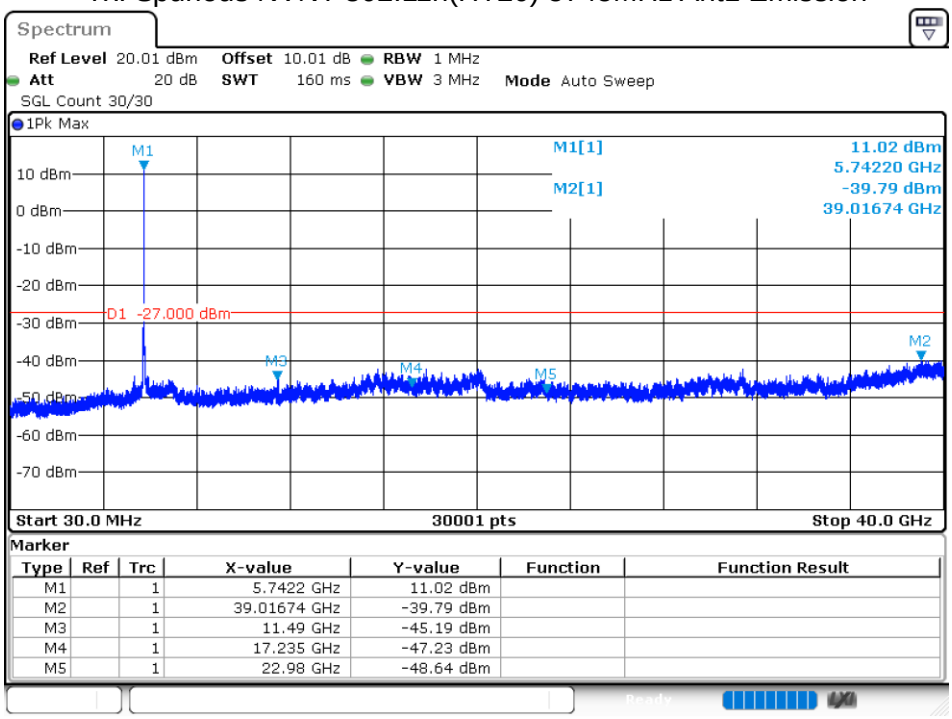
Tx. Spurious NVNT 802.11ac80 5775MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8208 GHz	8.47 dBm		
M2		1	39.32584 GHz	-39.46 dBm		
M3		1	11.55 GHz	-49.88 dBm		
M4		1	17.325 GHz	-48.31 dBm		
M5		1	23.1 GHz	-49.51 dBm		

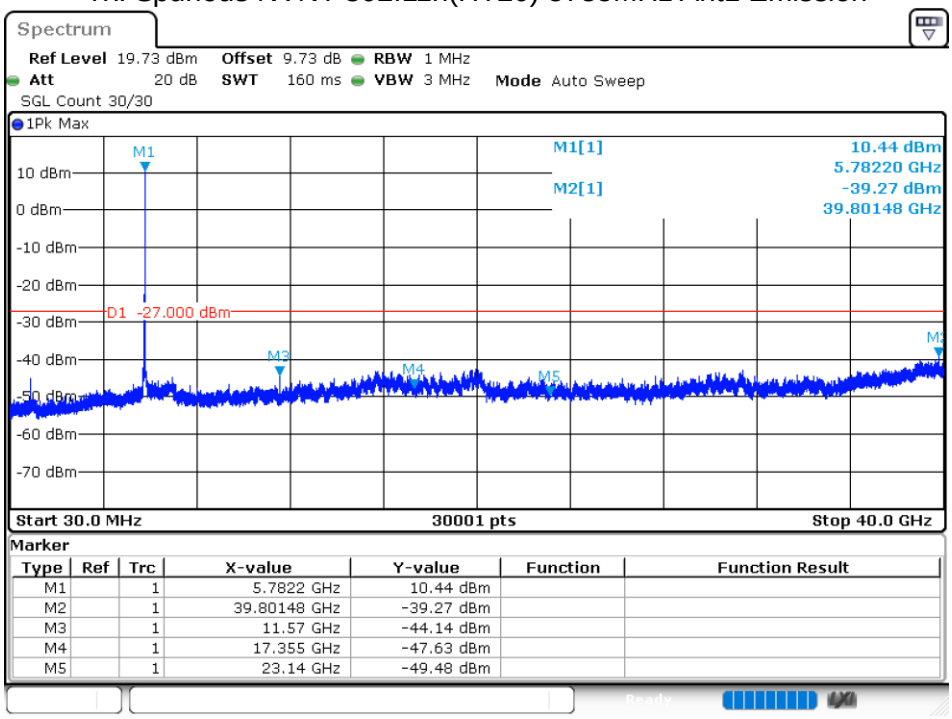
Tx. Spurious NVNT 802.11n(HT20) 5745MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7422 GHz	11.02 dBm		
M2		1	39.01674 GHz	-39.79 dBm		
M3		1	11.49 GHz	-45.19 dBm		
M4		1	17.235 GHz	-47.23 dBm		
M5		1	22.98 GHz	-48.64 dBm		

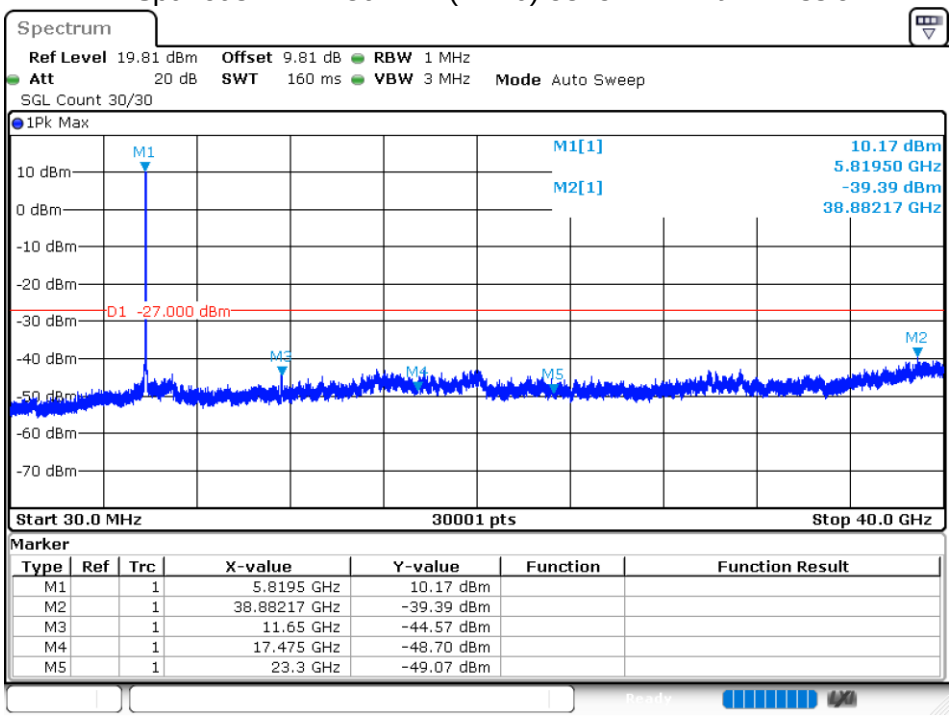
Tx. Spurious NVNT 802.11n(HT20) 5785MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7822 GHz	10.44 dBm		
M2		1	39.80148 GHz	-39.27 dBm		
M3		1	11.57 GHz	-44.14 dBm		
M4		1	17.355 GHz	-47.63 dBm		
M5		1	23.14 GHz	-49.48 dBm		

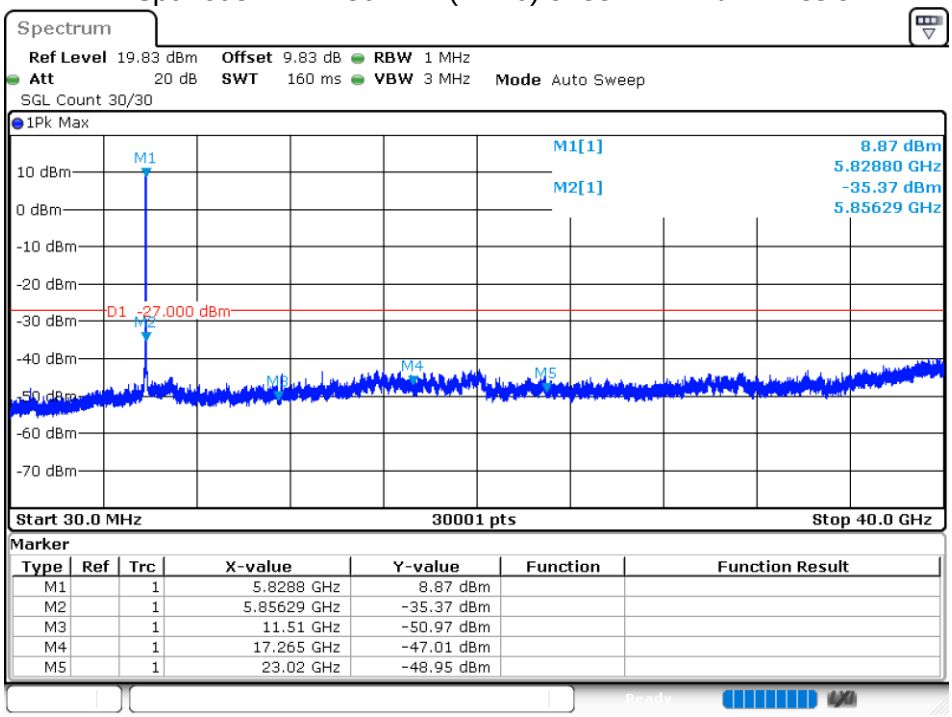
Tx. Spurious NVNT 802.11n(HT20) 5825MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8195 GHz	10.17 dBm		
M2		1	38.88217 GHz	-39.39 dBm		
M3		1	11.65 GHz	-44.57 dBm		
M4		1	17.475 GHz	-48.70 dBm		
M5		1	23.3 GHz	-49.07 dBm		

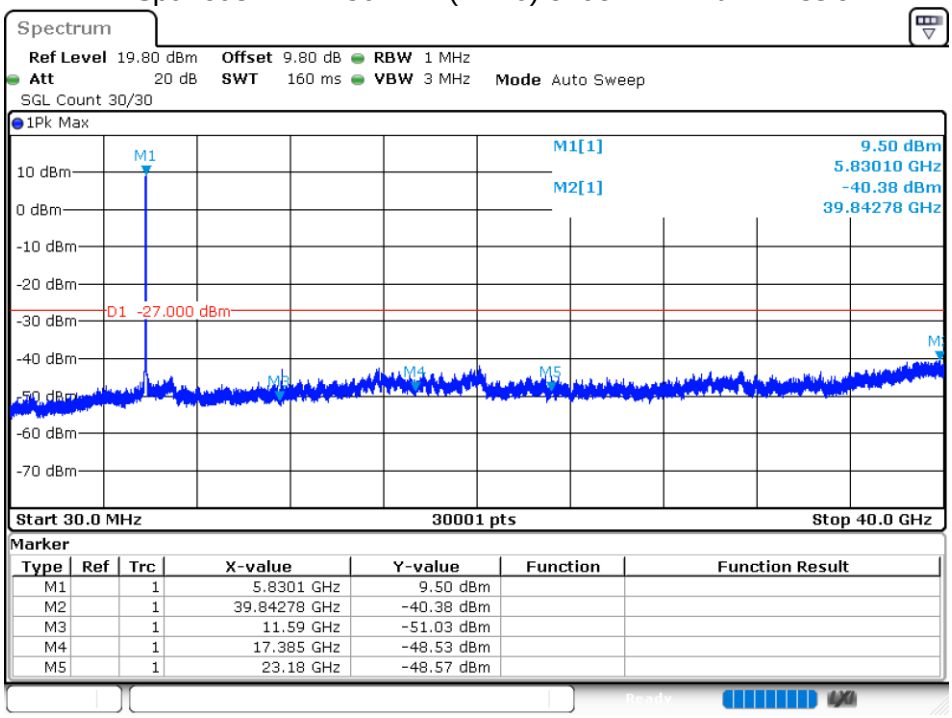
Tx. Spurious NVNT 802.11n(HT40) 5755MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8288 GHz	8.87 dBm		
M2		1	5.85629 GHz	-35.37 dBm		
M3		1	11.51 GHz	-50.97 dBm		
M4		1	17.265 GHz	-47.01 dBm		
M5		1	23.02 GHz	-48.95 dBm		

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



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8301 GHz	9.50 dBm		
M2		1	39.84278 GHz	-40.38 dBm		
M3		1	11.59 GHz	-51.03 dBm		
M4		1	17.385 GHz	-48.53 dBm		
M5		1	23.18 GHz	-48.57 dBm		

END OF REPORT