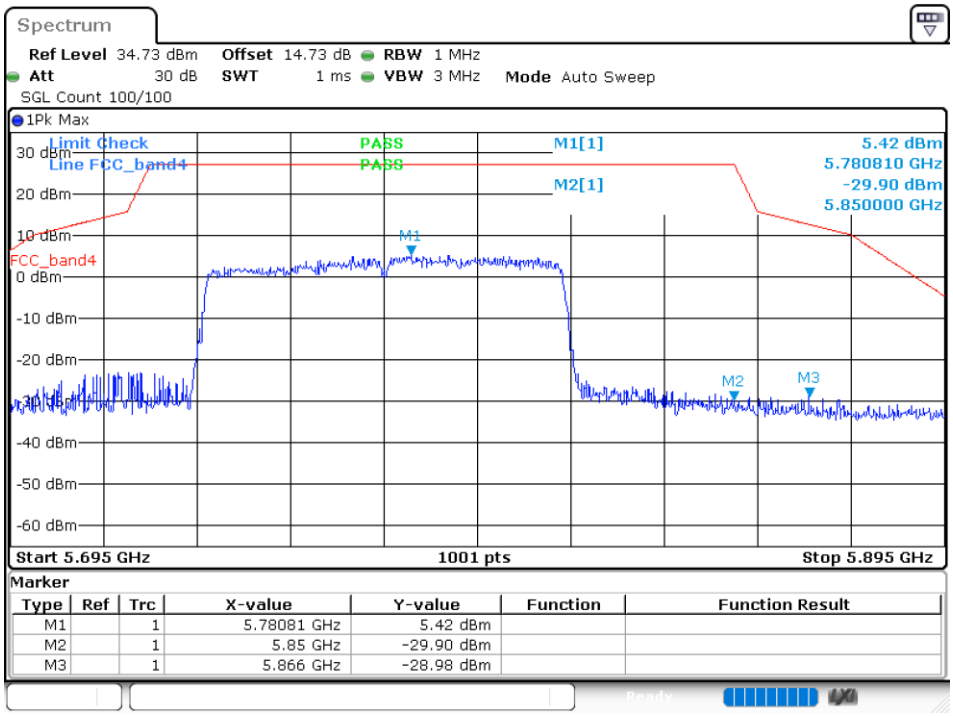
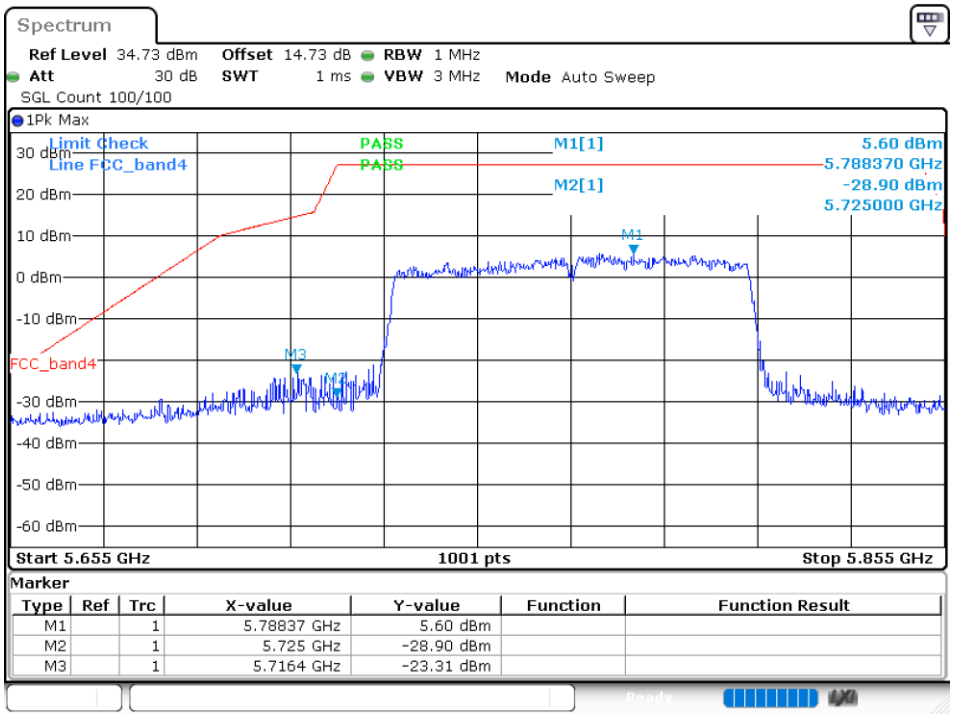
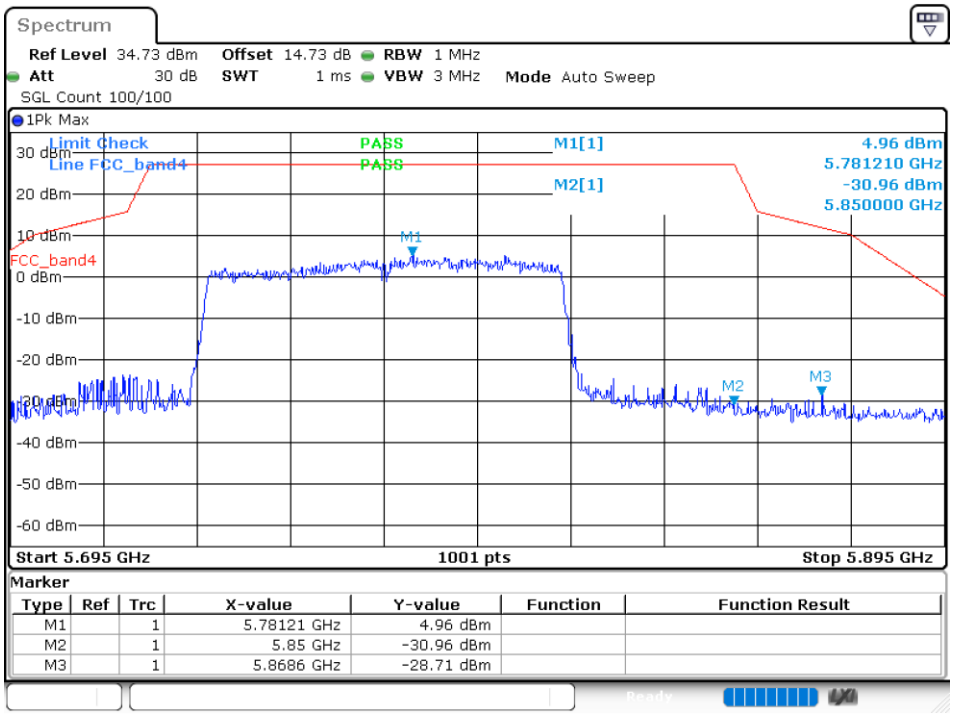
Band Edge NVNT 802.11ac80 5775MHz High Ant 1



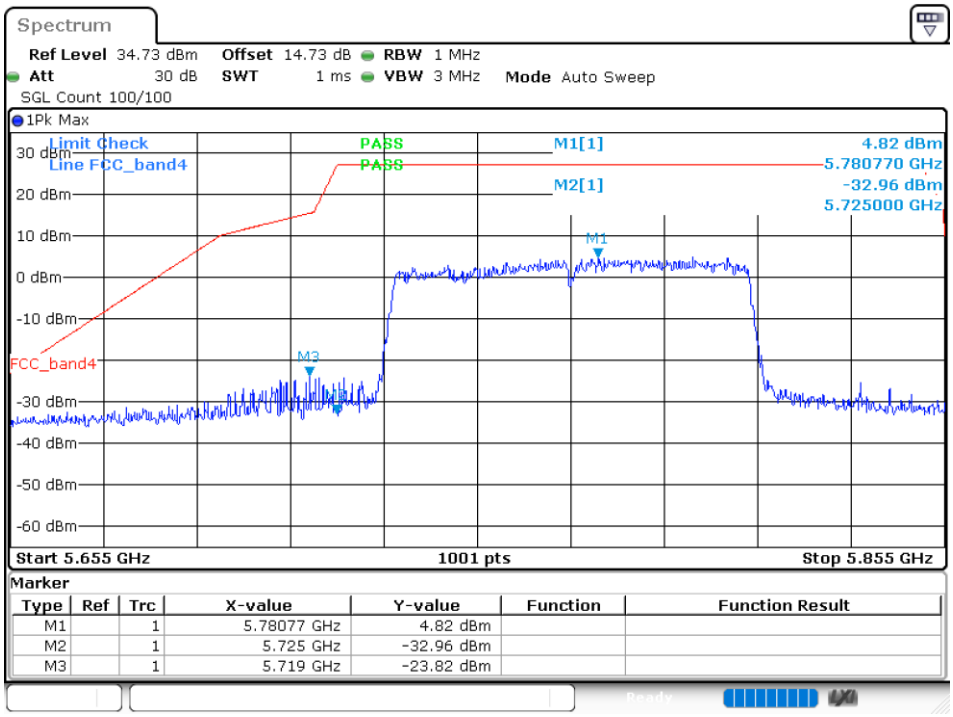
Band Edge NVNT 802.11ac80 5775MHz Low Ant 1



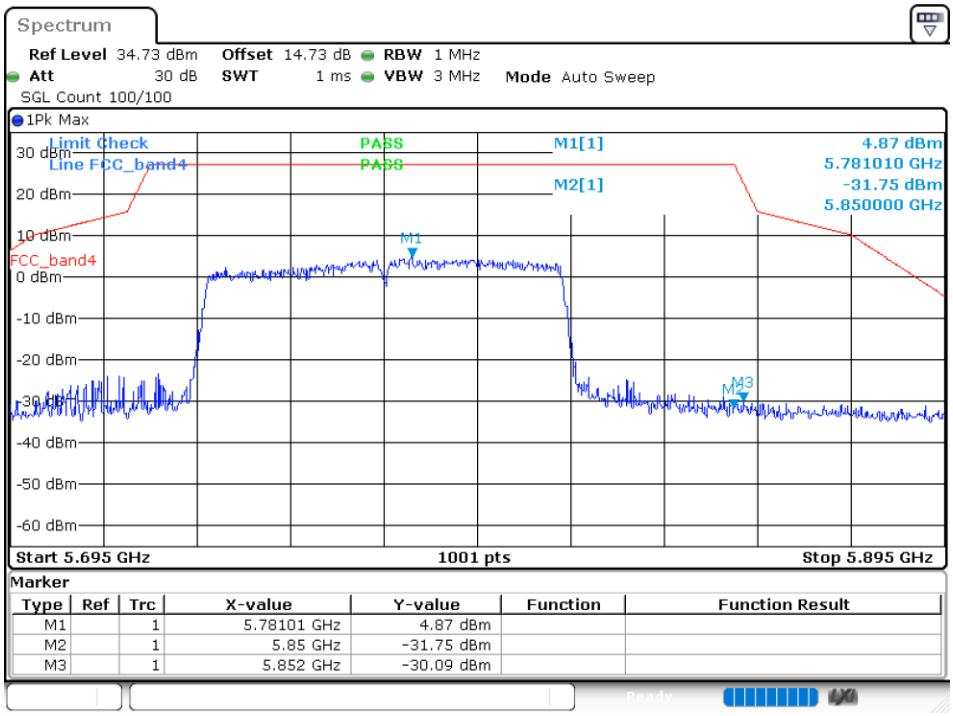
Band Edge NVNT 802.11ac80 5775MHz High Ant 2



Band Edge NVNT 802.11ac80 5775MHz Low Ant 2

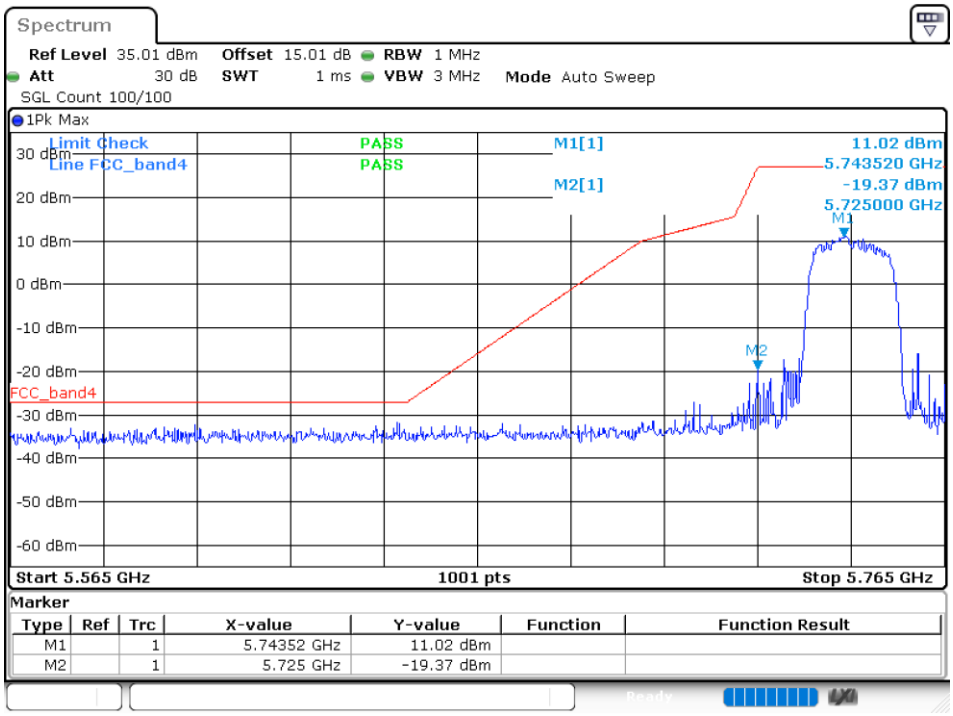


Band Edge NVNT 802.11ac80 5775MHz High Ant 3

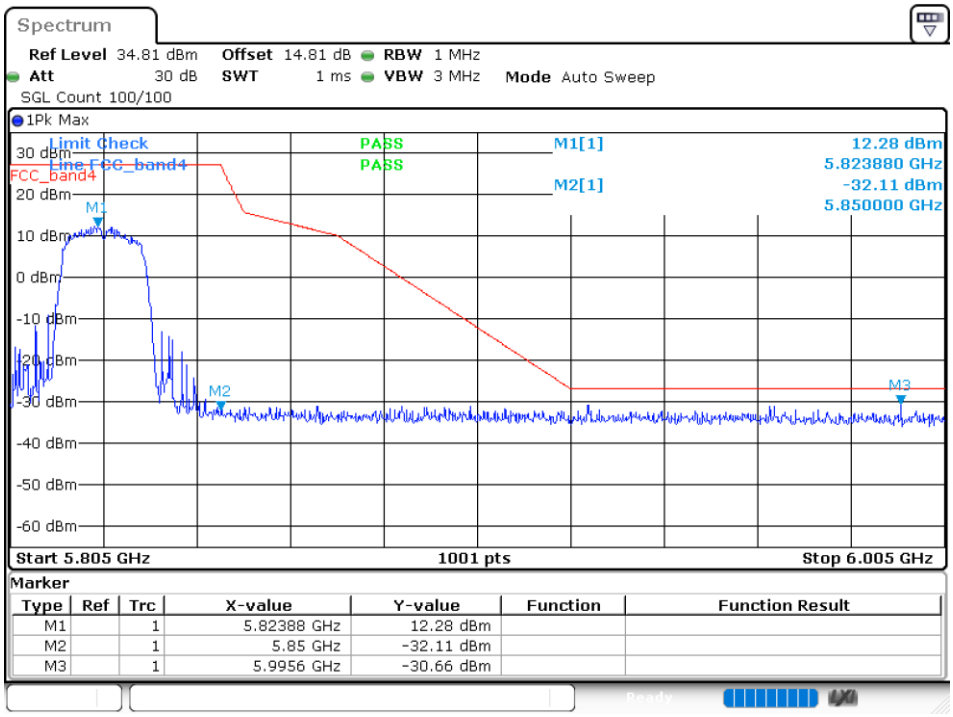


Band Edge NVNT 802.11ac80 5775MHz Low Ant 3

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



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



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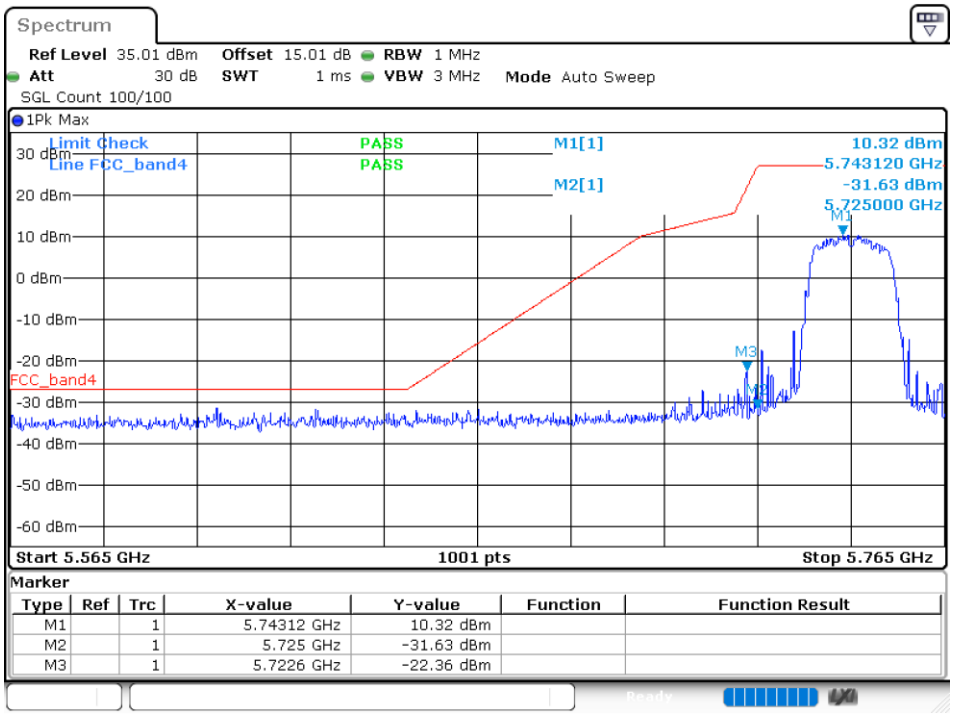
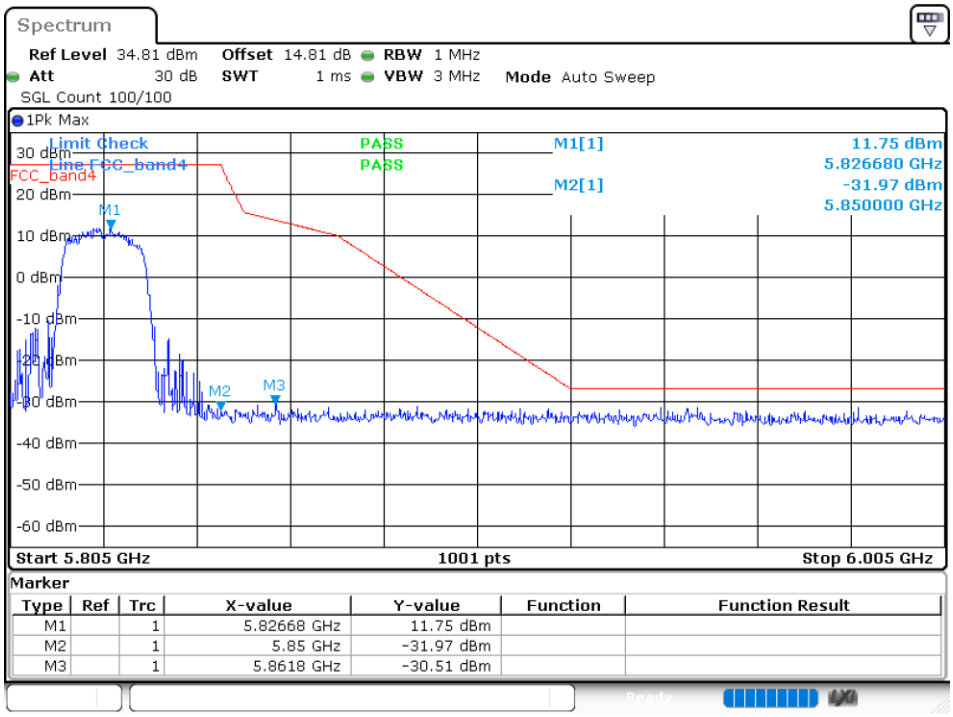
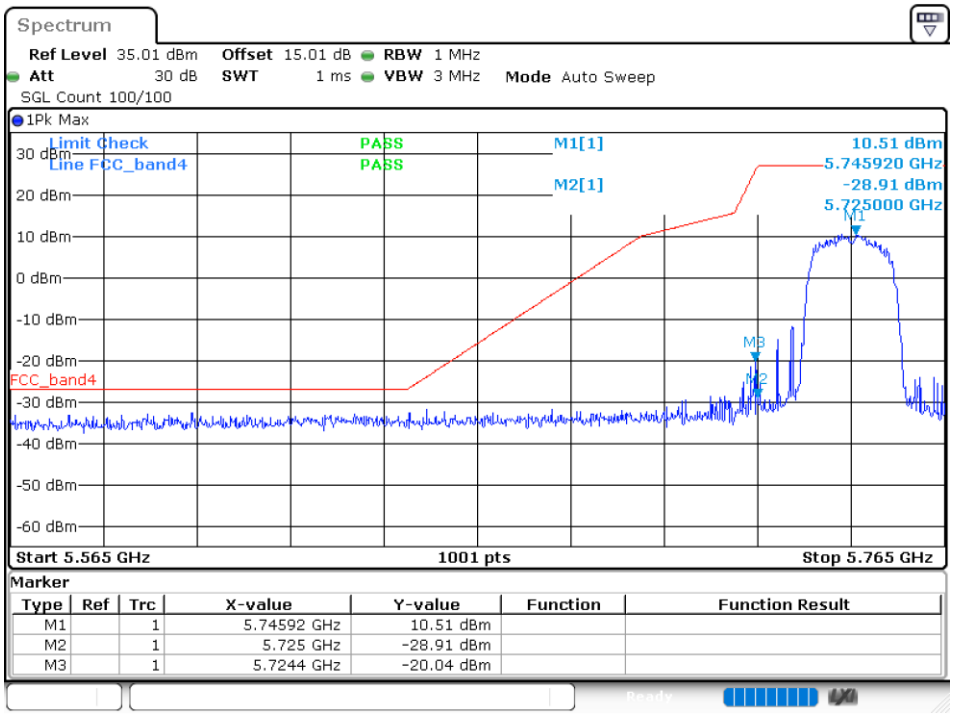


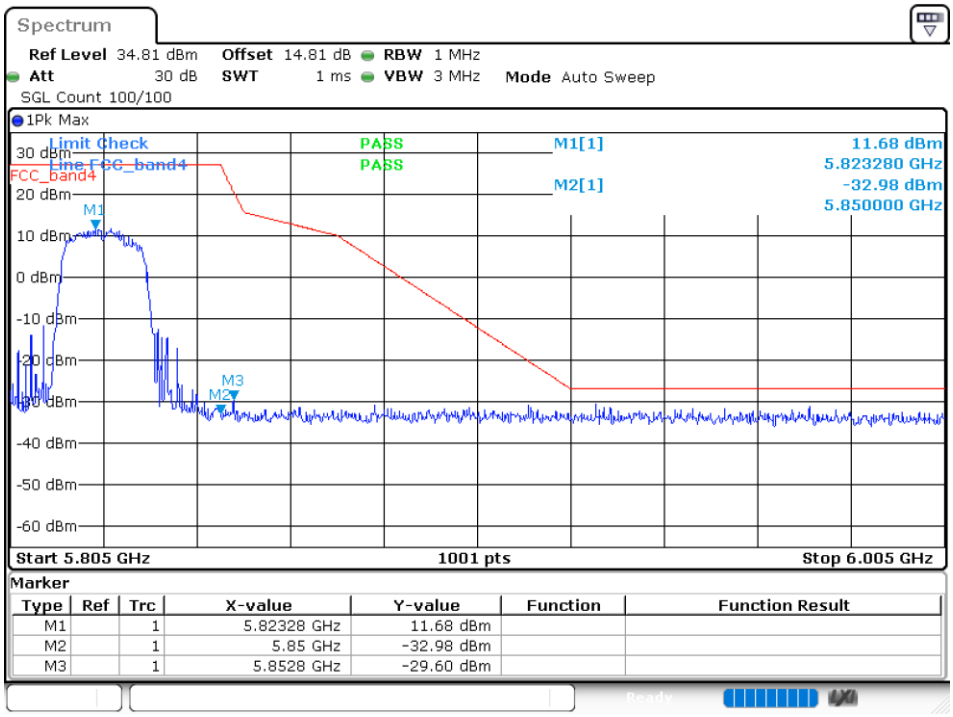
Band Edge NVNT 802.11n(HT20) 5825MHz High Ant 2



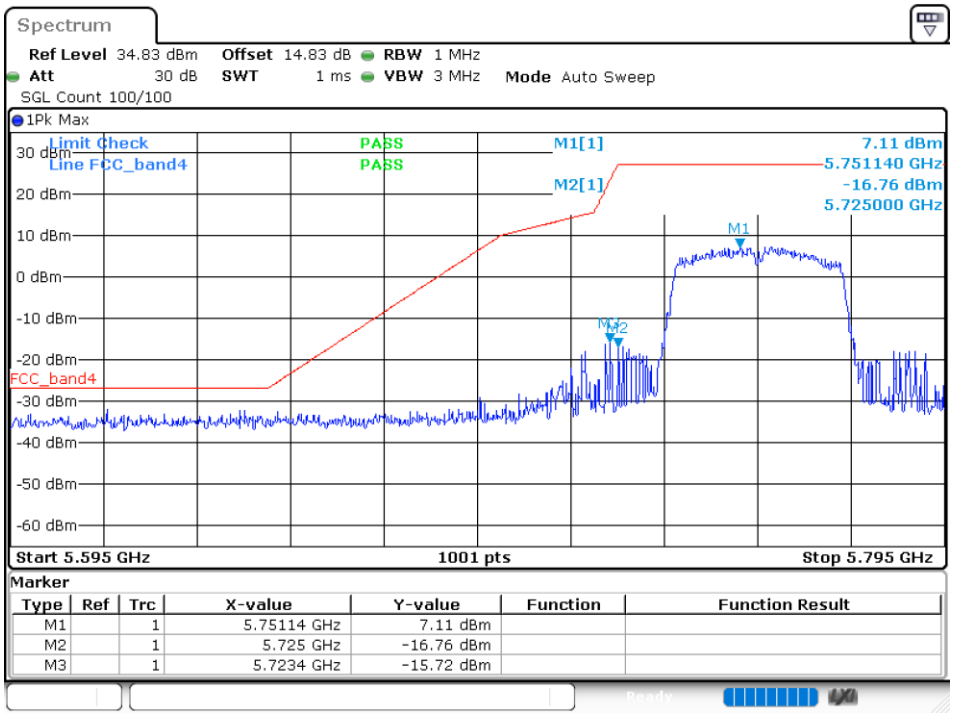
Band Edge NVNT 802.11n(HT20) 5745MHz Low Ant 3



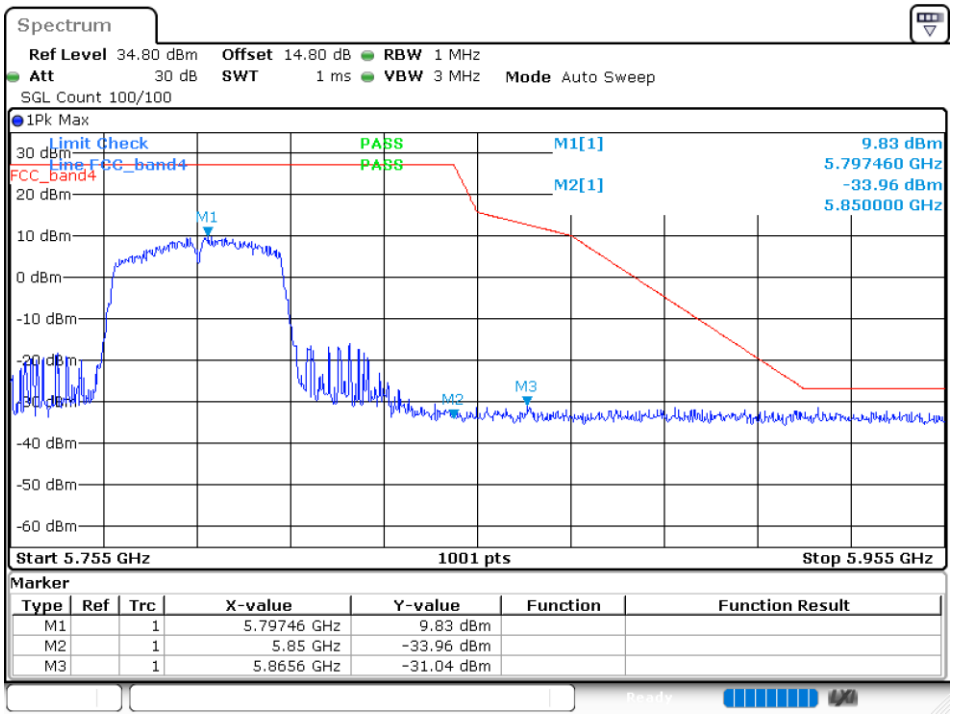
Band Edge NVNT 802.11n(HT20) 5825MHz High Ant 3



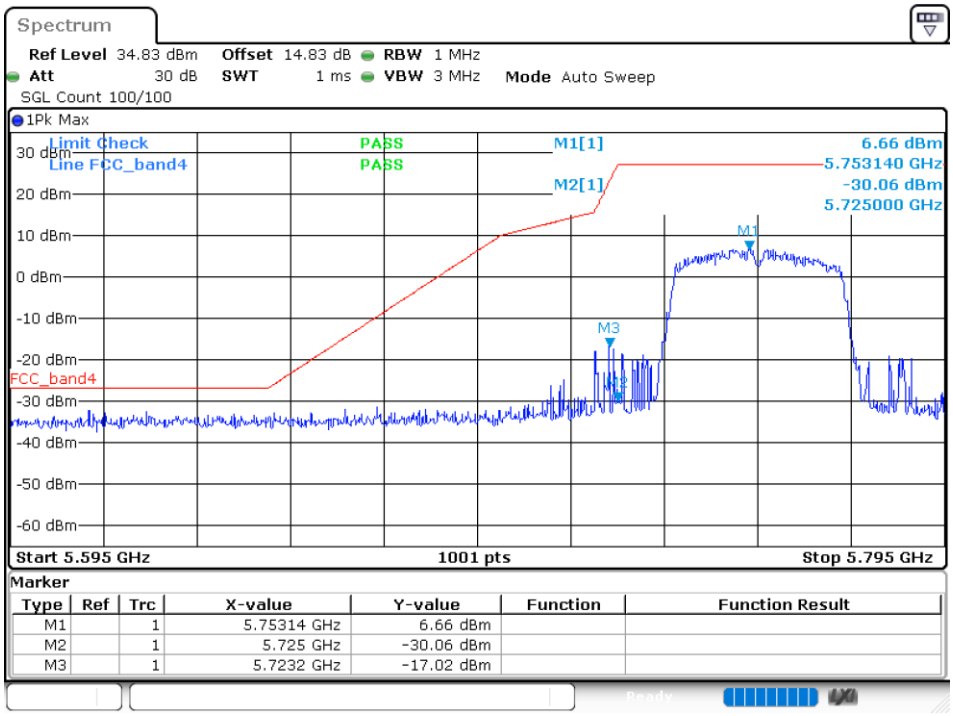
Band Edge NVNT 802.11n(HT40) 5755MHz Low Ant 1



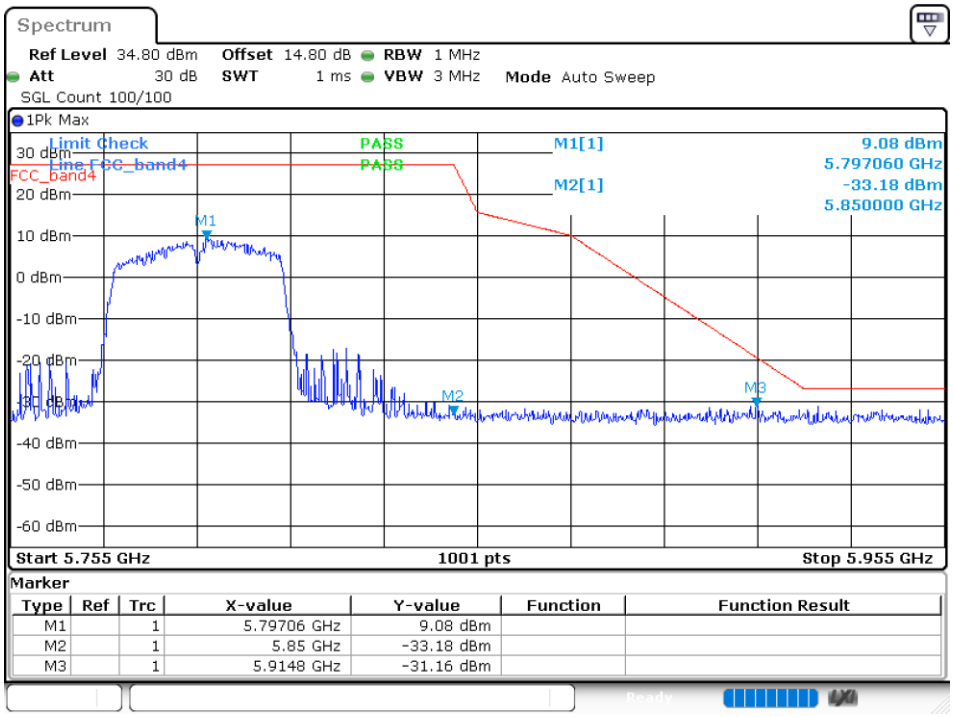
Band Edge NVNT 802.11n(HT40) 5795MHz High Ant 1



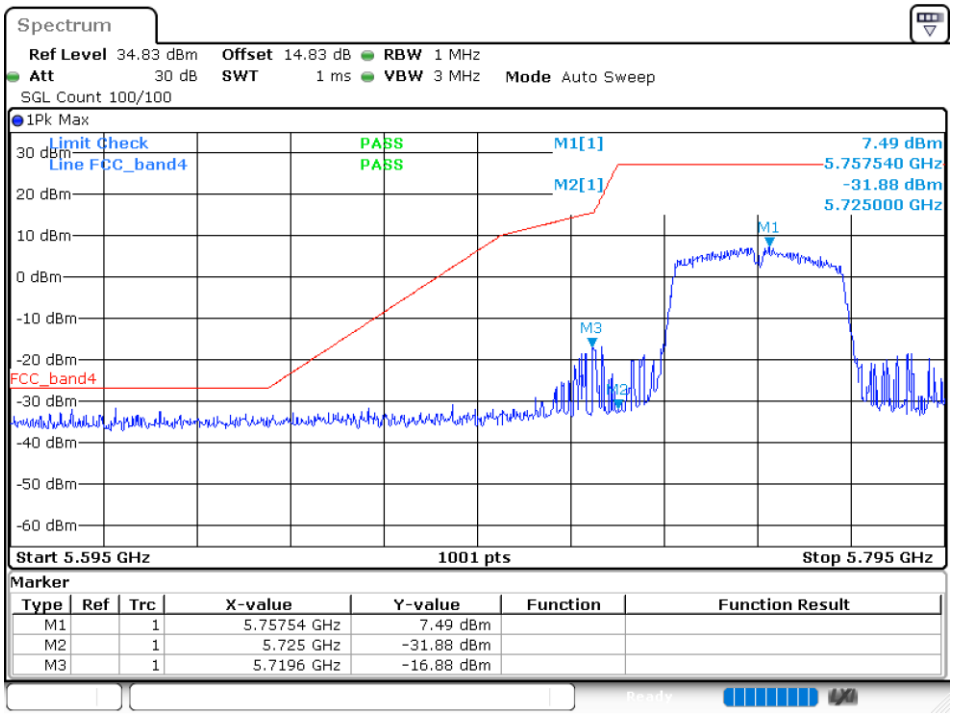
Band Edge NVNT 802.11n(HT40) 5755MHz Low Ant 2



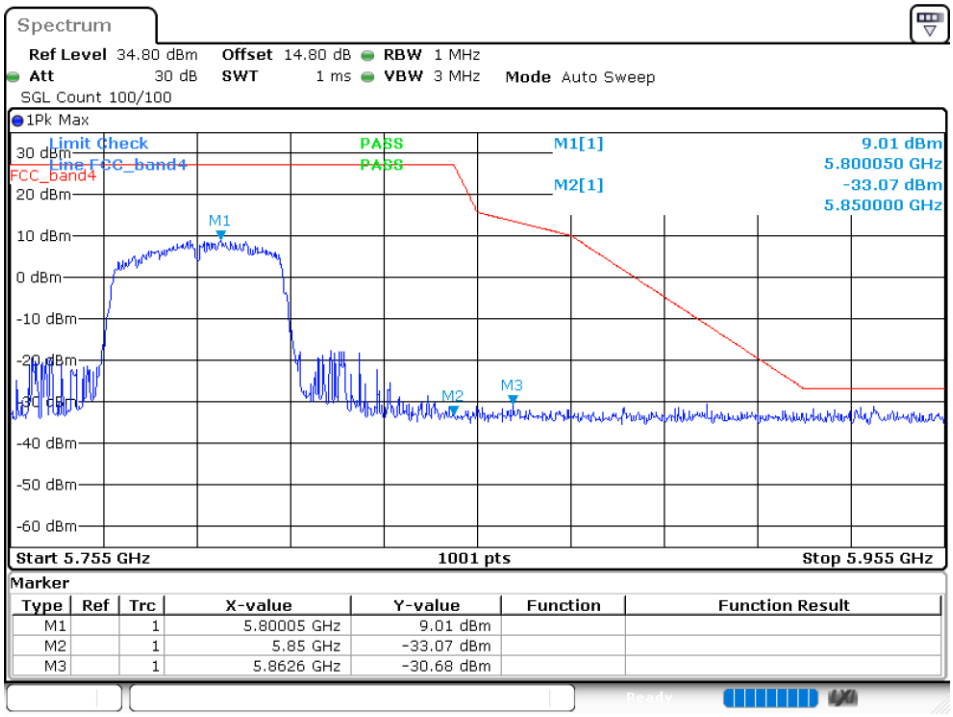
Band Edge NVNT 802.11n(HT40) 5795MHz High Ant 2



Band Edge NVNT 802.11n(HT40) 5755MHz Low Ant 3



Band Edge NVNT 802.11n(HT40) 5795MHz High Ant 3



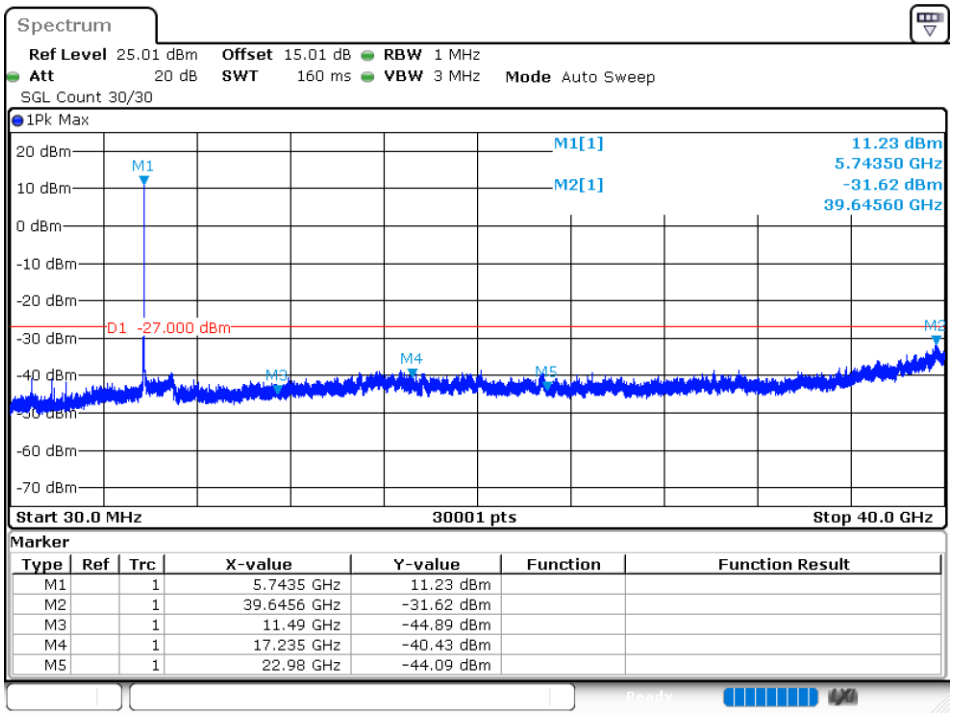
Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max EIRP Value (dBc	Limit (dBc)	Verdict
NVNT	802.11a	5745	Ant 1	-31.62	-27	Pass
NVNT	802.11a	5785	Ant 1	-32.22	-27	Pass
NVNT	802.11a	5825	Ant 1	-32.66	-27	Pass
NVNT	802.11a	5745	Ant 2	-31.57	-27	Pass
NVNT	802.11a	5785	Ant 2	-31.94	-27	Pass
NVNT	802.11a	5825	Ant 2	-31.42	-27	Pass
NVNT	802.11a	5745	Ant 3	-31.5	-27	Pass
NVNT	802.11a	5785	Ant 3	-32.17	-27	Pass
NVNT	802.11a	5825	Ant 3	-32.13	-27	Pass
NVNT	802.11ac20	5745	Ant 1	-31.17	-27	Pass
NVNT	802.11ac20	5785	Ant 1	-32.43	-27	Pass
NVNT	802.11ac20	5825	Ant 1	-32.39	-27	Pass
NVNT	802.11ac20	5745	Ant 2	-32.03	-27	Pass
NVNT	802.11ac20	5785	Ant 2	-32.09	-27	Pass
NVNT	802.11ac20	5825	Ant 2	-32.08	-27	Pass
NVNT	802.11ac20	5745	Ant 3	-31.54	-27	Pass
NVNT	802.11ac20	5785	Ant 3	-32.01	-27	Pass
NVNT	802.11ac20	5825	Ant 3	-32.35	-27	Pass
NVNT	802.11ac40	5755	Ant 1	-32.58	-27	Pass
NVNT	802.11ac40	5795	Ant 1	-31.76	-27	Pass
NVNT	802.11ac40	5755	Ant 2	-32.24	-27	Pass
NVNT	802.11ac40	5795	Ant 2	-32.01	-27	Pass
NVNT	802.11ac40	5755	Ant 3	-31.91	-27	Pass
NVNT	802.11ac40	5795	Ant 3	-31.84	-27	Pass
NVNT	802.11ac80	5775	Ant 1	-32.09	-27	Pass
NVNT	802.11ac80	5775	Ant 2	-31.64	-27	Pass
NVNT	802.11ac80	5775	Ant 3	-32.23	-27	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-31.61	-27	Pass
NVNT	802.11n(HT20)	5785	Ant 1	-32	-27	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-31.92	-27	Pass
NVNT	802.11n(HT20)	5745	Ant 2	-32.11	-27	Pass
NVNT	802.11n(HT20)	5785	Ant 2	-31.5	-27	Pass
NVNT	802.11n(HT20)	5825	Ant 2	-32.28	-27	Pass
NVNT	802.11n(HT20)	5745	Ant 3	-32.13	-27	Pass
NVNT	802.11n(HT20)	5785	Ant 3	-32.13	-27	Pass
NVNT	802.11n(HT20)	5825	Ant 3	-31.79	-27	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-32.19	-27	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-32.17	-27	Pass

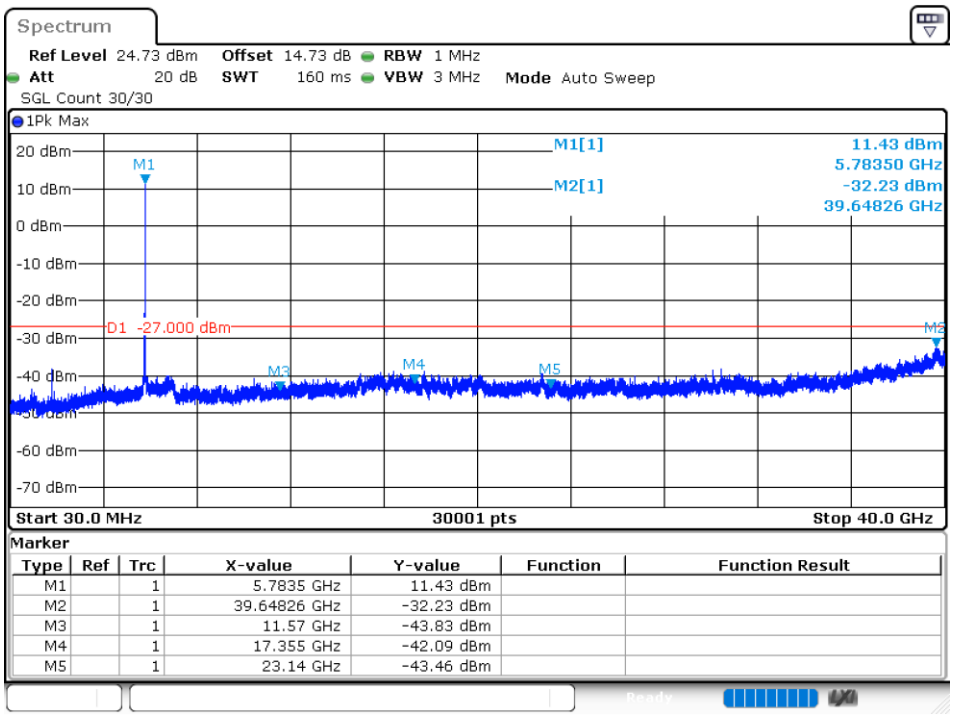
NVNT	802.11n(HT40)	5755	Ant 2	-32.26	-27	Pass
NVNT	802.11n(HT40)	5795	Ant 2	-30.81	-27	Pass
NVNT	802.11n(HT40)	5755	Ant 3	-32.14	-27	Pass
NVNT	802.11n(HT40)	5795	Ant 3	-32.12	-27	Pass

Note: Offset contains antenna gain and cable loss. MIMO mode and SISO mode has been test, just the SISO mode antenna worst-case has been recorded in the report.

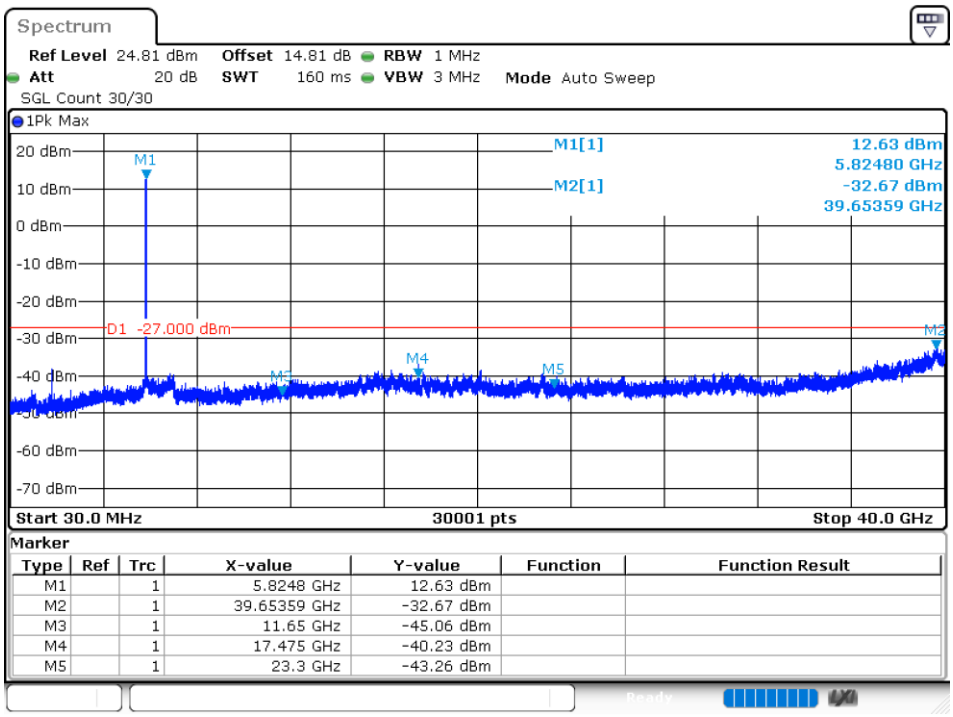
Tx. Spurious NVNT 802.11a 5745MHz Ant 1 Emission



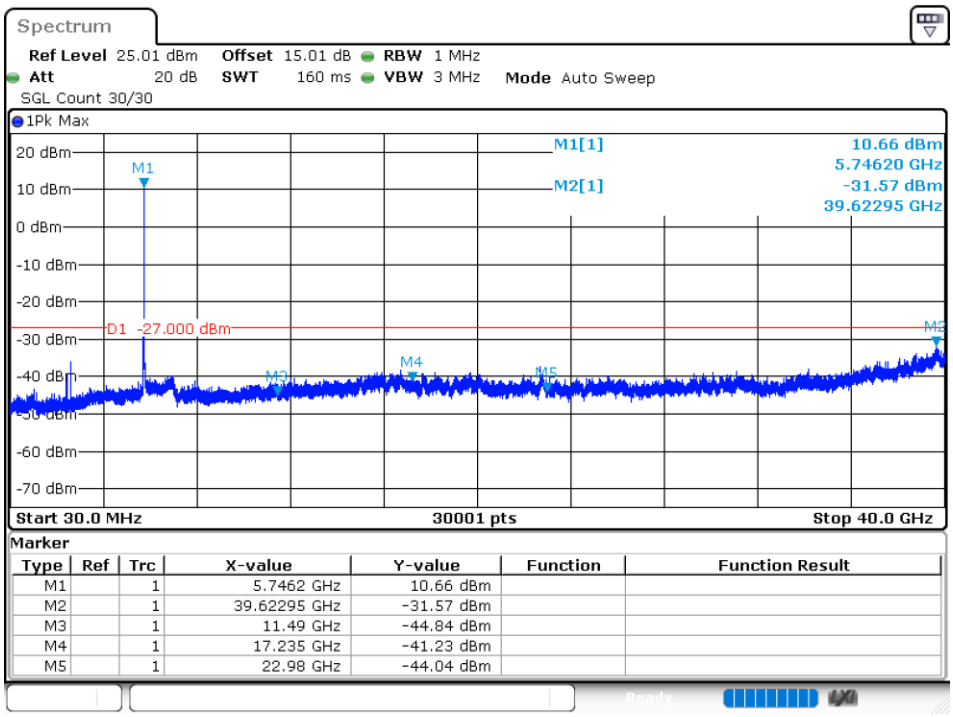
Tx. Spurious NVNT 802.11a 5785MHz Ant 1 Emission



Tx. Spurious NVNT 802.11a 5825MHz Ant 1 Emission



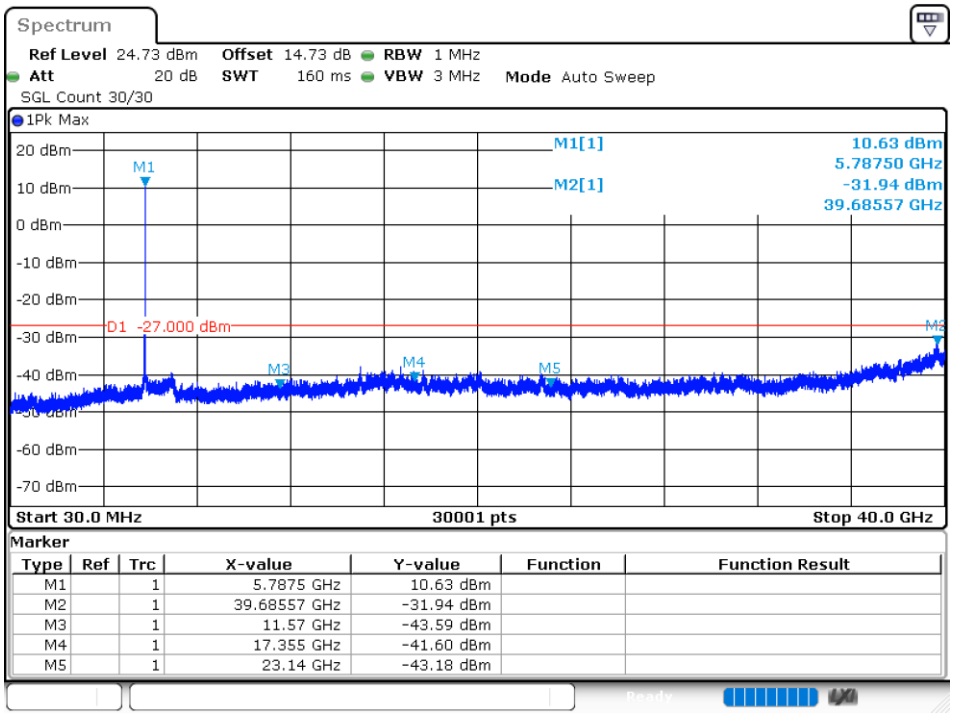
Tx. Spurious NVNT 802.11a 5745MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7462 GHz	10.66 dBm		
M2		1	39.62295 GHz	-31.57 dBm		
M3		1	11.49 GHz	-44.84 dBm		
M4		1	17.235 GHz	-41.23 dBm		
M5		1	22.98 GHz	-44.04 dBm		

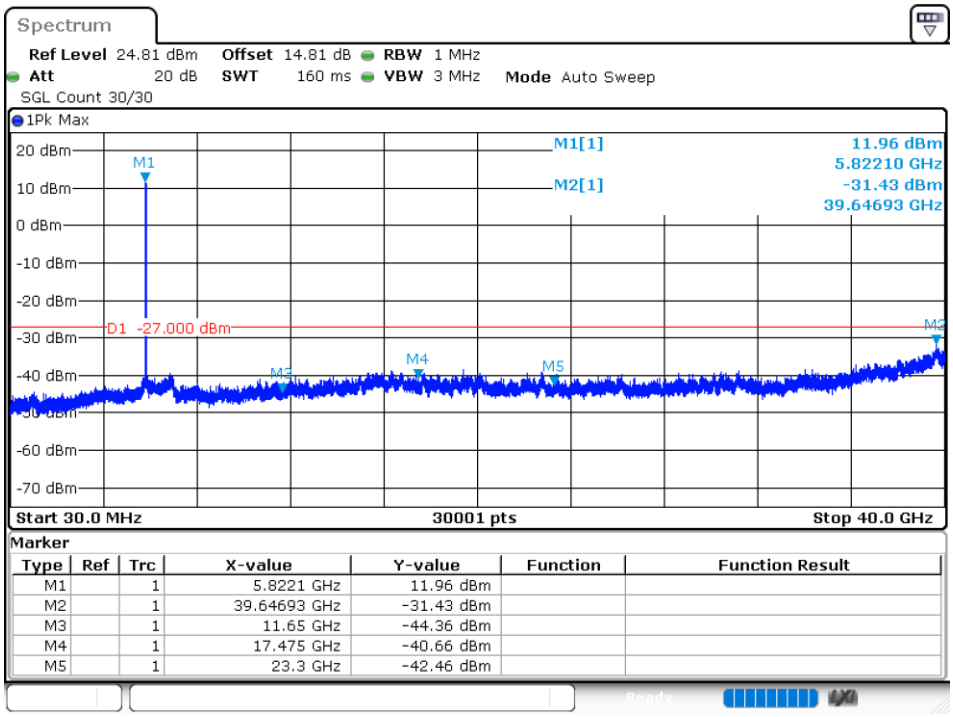
Tx. Spurious NVNT 802.11a 5785MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7875 GHz	10.63 dBm		
M2		1	39.68557 GHz	-31.94 dBm		
M3		1	11.57 GHz	-43.59 dBm		
M4		1	17.355 GHz	-41.60 dBm		
M5		1	23.14 GHz	-43.18 dBm		

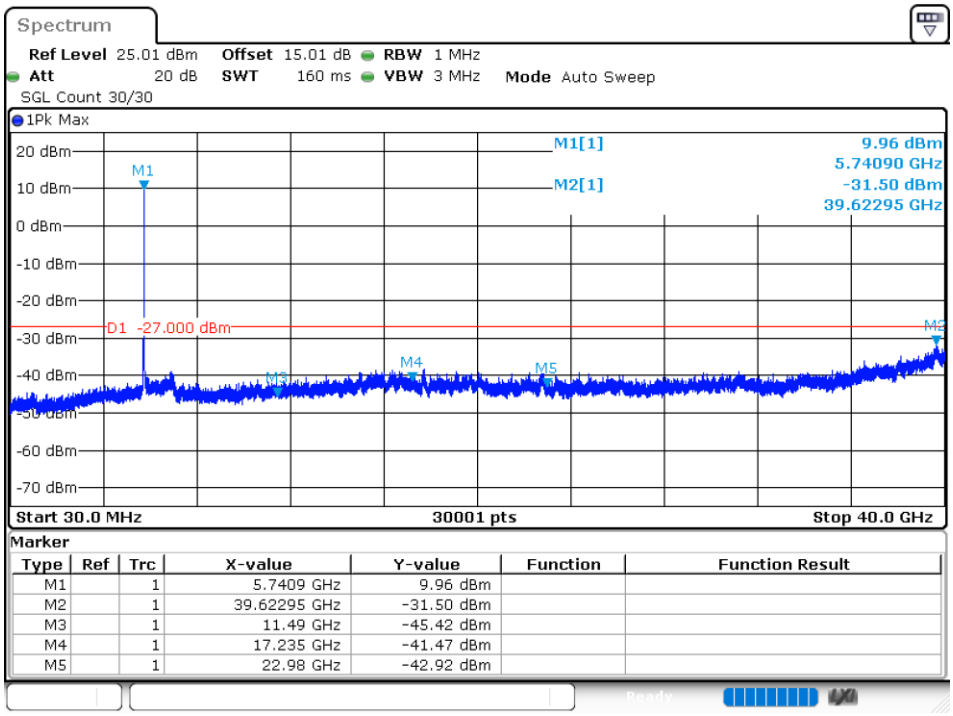
Tx. Spurious NVNT 802.11a 5825MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8221 GHz	11.96 dBm		
M2		1	39.64693 GHz	-31.43 dBm		
M3		1	11.65 GHz	-44.36 dBm		
M4		1	17.475 GHz	-40.66 dBm		
M5		1	23.3 GHz	-42.46 dBm		

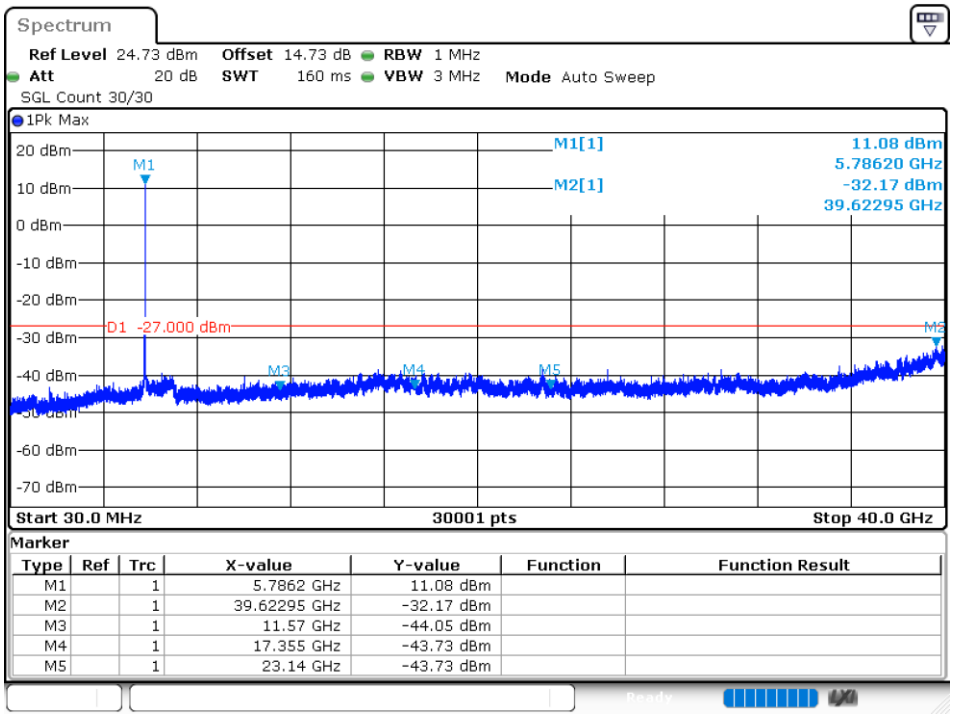
Tx. Spurious NVNT 802.11a 5745MHz Ant 3 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7409 GHz	9.96 dBm		
M2		1	39.62295 GHz	-31.50 dBm		
M3		1	11.49 GHz	-45.42 dBm		
M4		1	17.235 GHz	-41.47 dBm		
M5		1	22.98 GHz	-42.92 dBm		

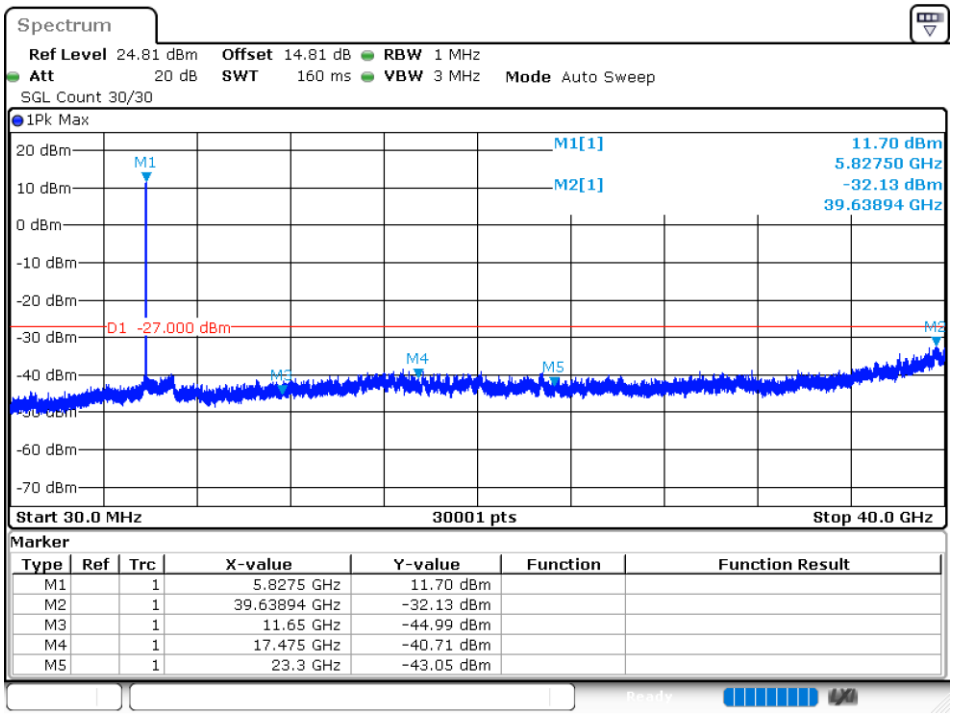
Tx. Spurious NVNT 802.11a 5785MHz Ant 3 Emission



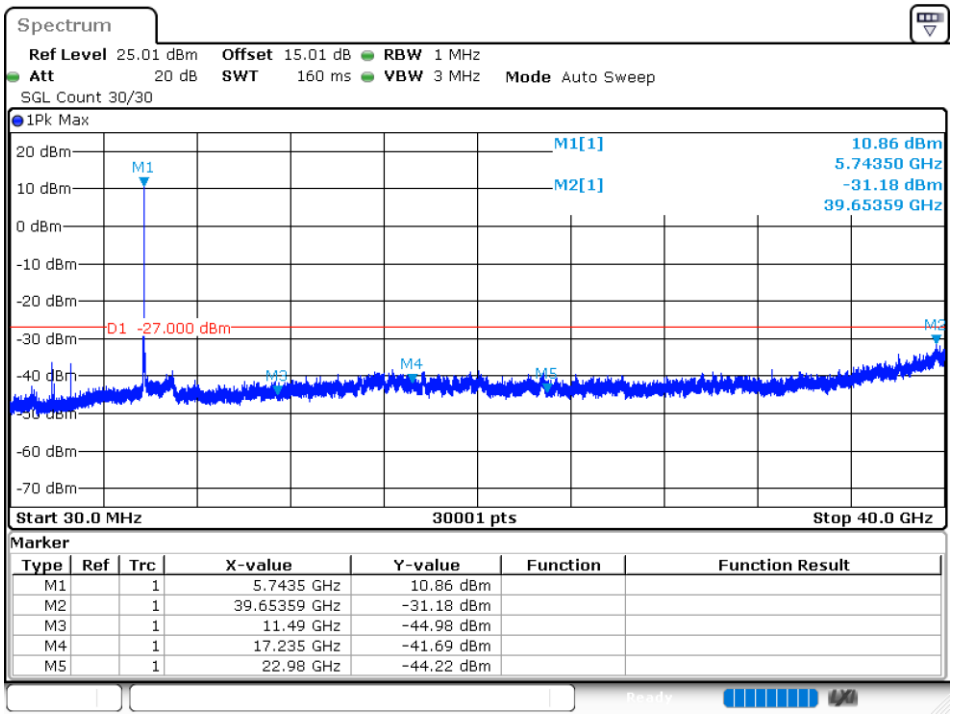
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7862 GHz	11.08 dBm		
M2		1	39.62295 GHz	-32.17 dBm		
M3		1	11.57 GHz	-44.05 dBm		
M4		1	17.355 GHz	-43.73 dBm		
M5		1	23.14 GHz	-43.73 dBm		

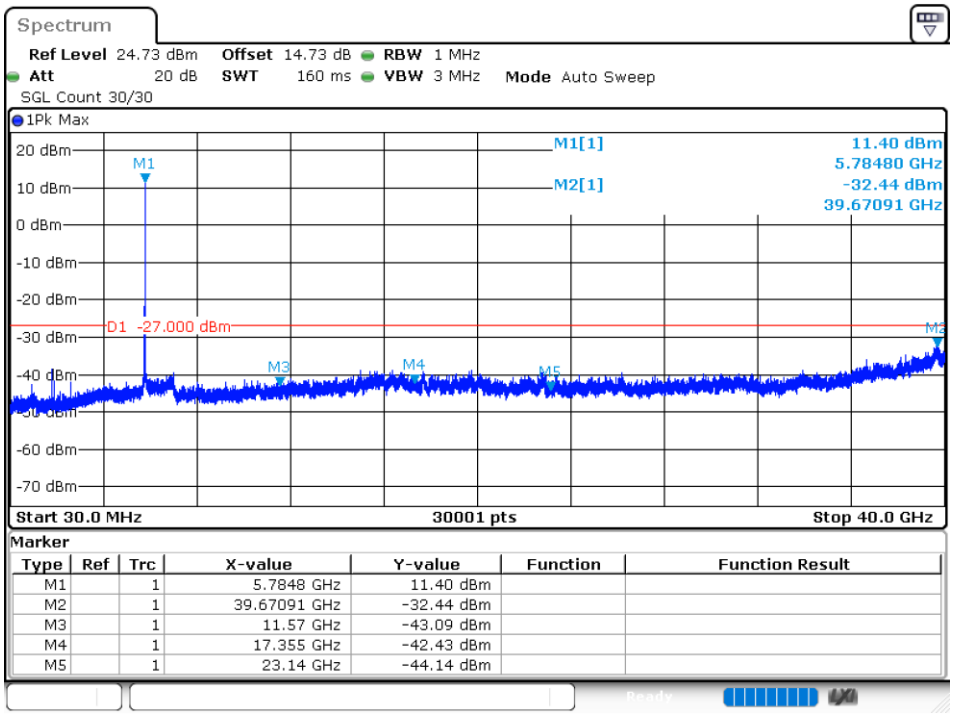
Tx. Spurious NVNT 802.11a 5825MHz Ant 3 Emission



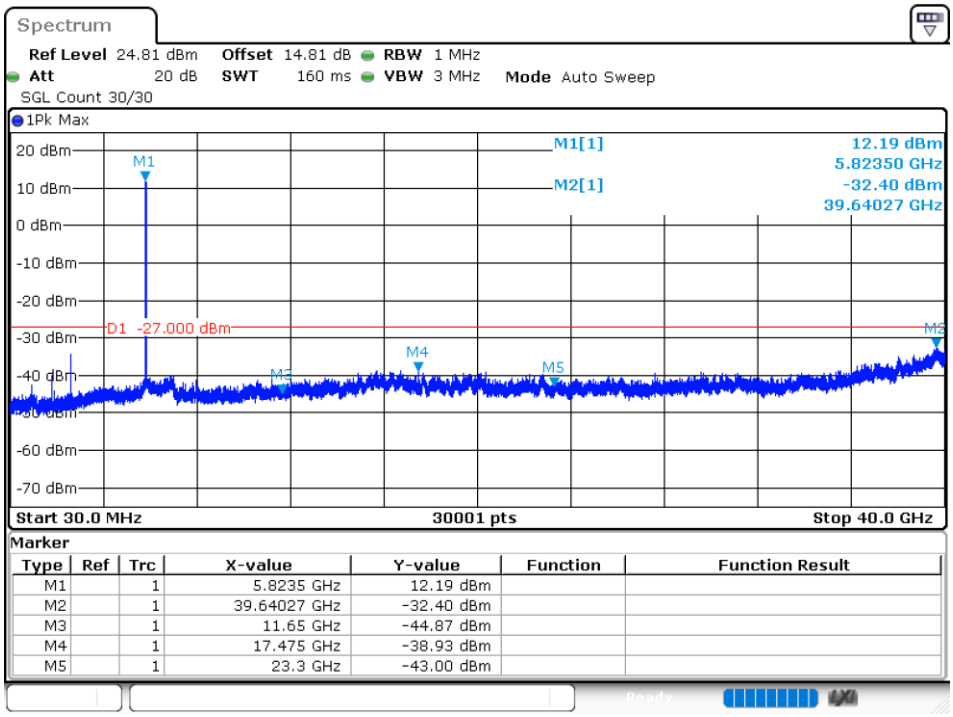
Tx. Spurious NVNT 802.11ac20 5745MHz Ant 1 Emission



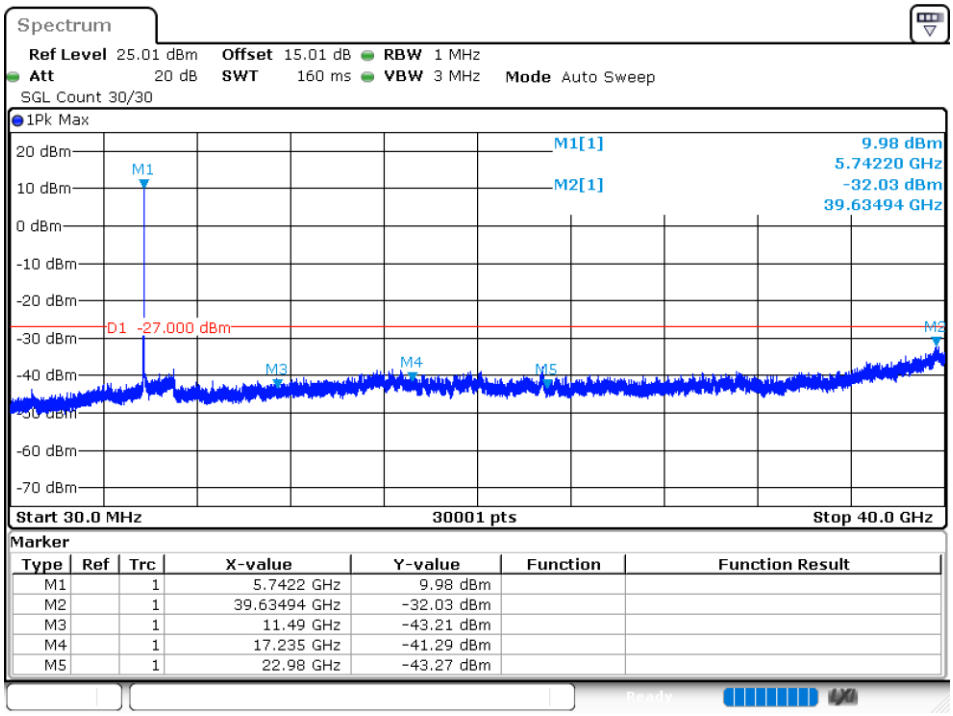
Tx. Spurious NVNT 802.11ac20 5785MHz Ant 1 Emission



Tx. Spurious NVNT 802.11ac20 5825MHz Ant 1 Emission



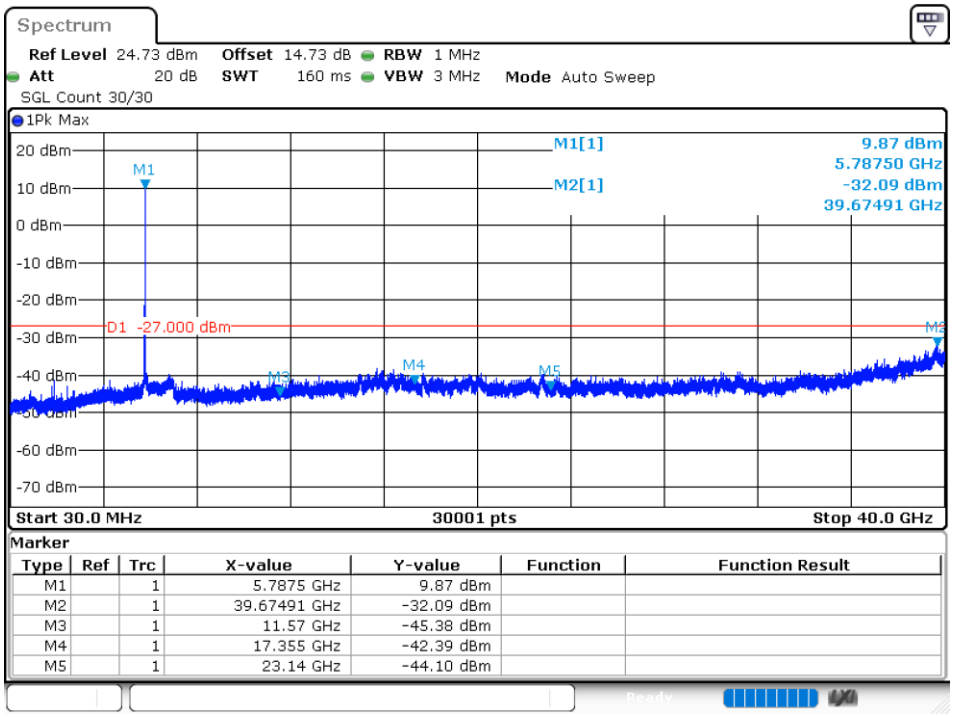
Tx. Spurious NVNT 802.11ac20 5745MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7422 GHz	9.98 dBm		
M2		1	39.63494 GHz	-32.03 dBm		
M3		1	11.49 GHz	-43.21 dBm		
M4		1	17.235 GHz	-41.29 dBm		
M5		1	22.98 GHz	-43.27 dBm		

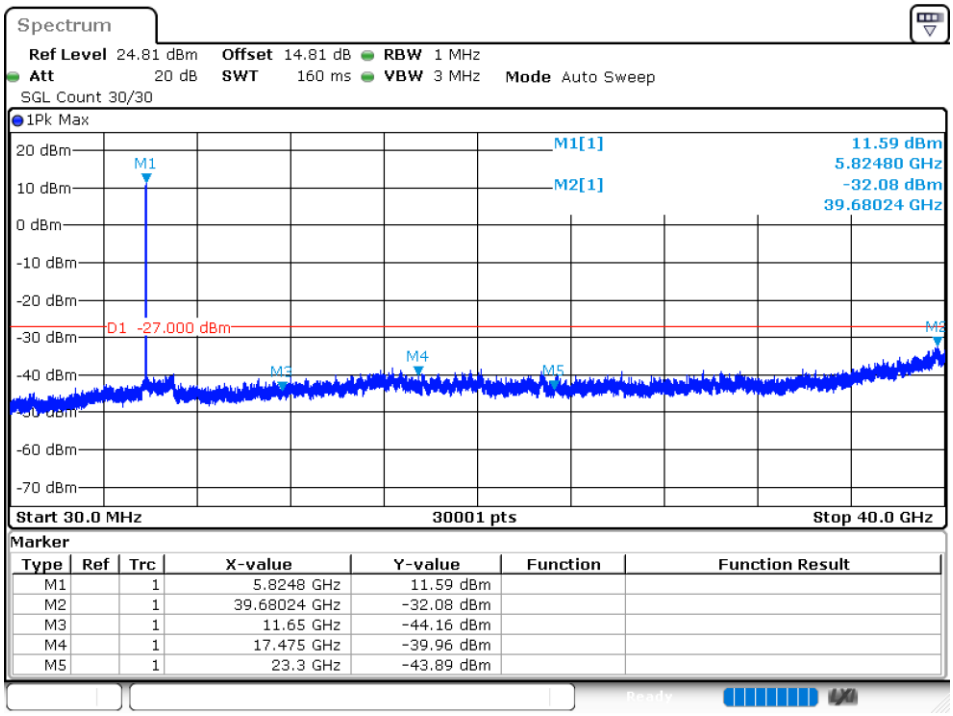
Tx. Spurious NVNT 802.11ac20 5785MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7875 GHz	9.87 dBm		
M2		1	39.67491 GHz	-32.09 dBm		
M3		1	11.57 GHz	-45.38 dBm		
M4		1	17.355 GHz	-42.39 dBm		
M5		1	23.14 GHz	-44.10 dBm		

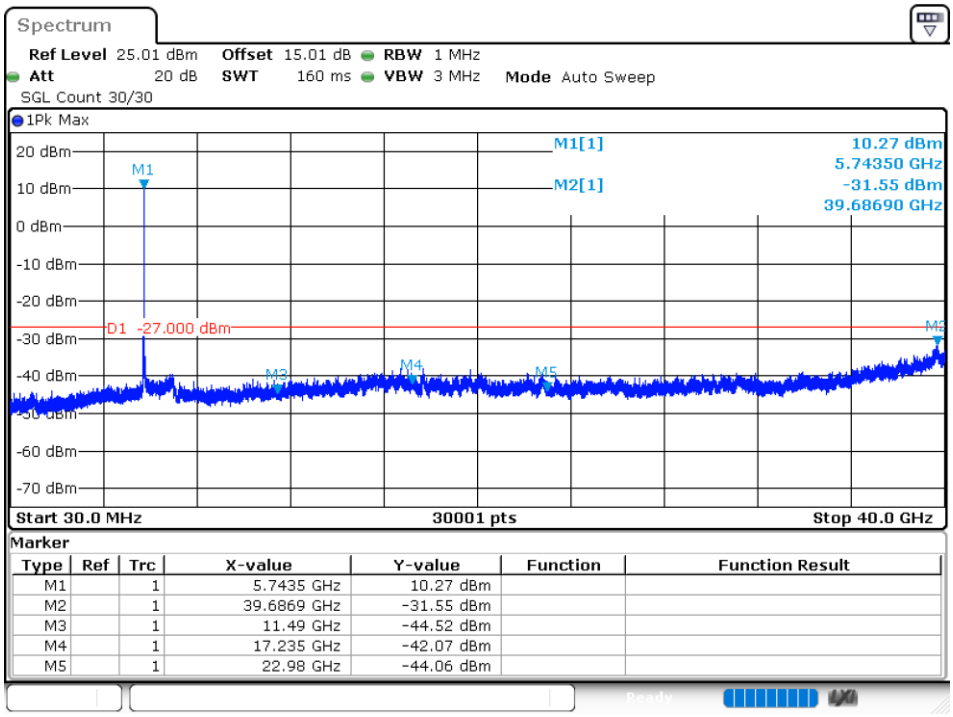
Tx. Spurious NVNT 802.11ac20 5825MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8248 GHz	11.59 dBm		
M2		1	39.68024 GHz	-32.08 dBm		
M3		1	11.65 GHz	-44.16 dBm		
M4		1	17.475 GHz	-39.96 dBm		
M5		1	23.3 GHz	-43.89 dBm		

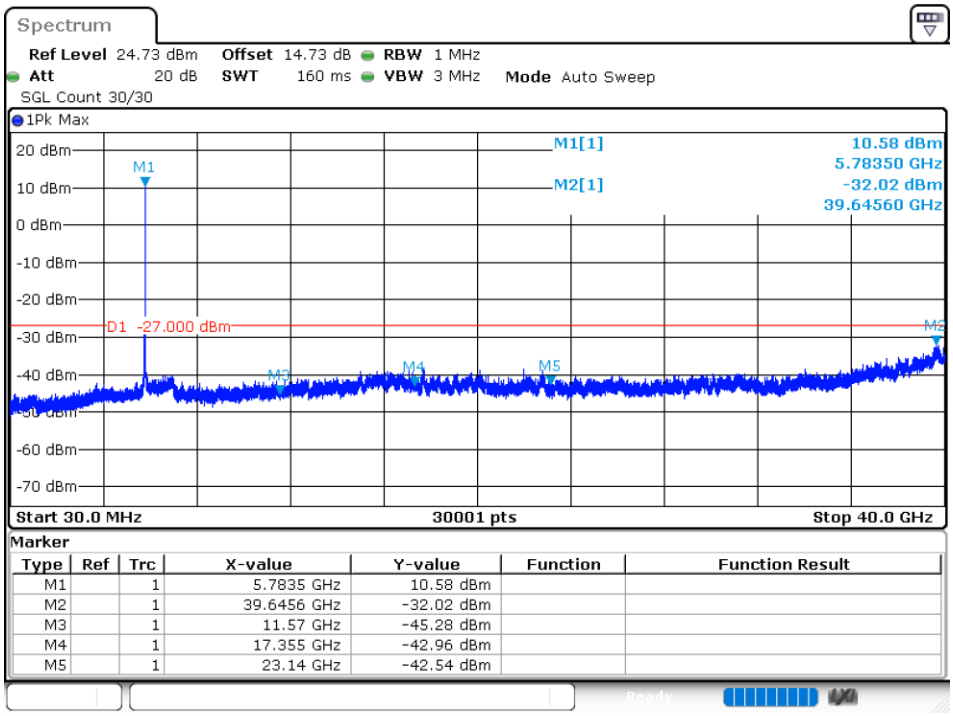
Tx. Spurious NVNT 802.11ac20 5745MHz Ant 3 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7435 GHz	10.27 dBm		
M2		1	39.6869 GHz	-31.55 dBm		
M3		1	11.49 GHz	-44.52 dBm		
M4		1	17.235 GHz	-42.07 dBm		
M5		1	22.98 GHz	-44.06 dBm		

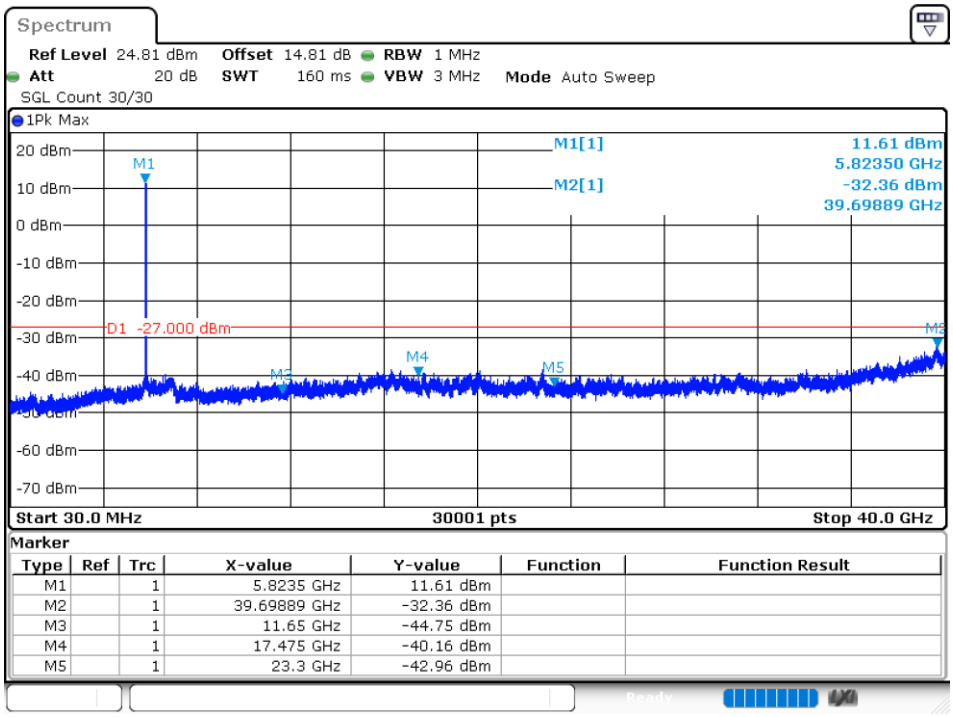
Tx. Spurious NVNT 802.11ac20 5785MHz Ant 3 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7835 GHz	10.58 dBm		
M2		1	39.6456 GHz	-32.02 dBm		
M3		1	11.57 GHz	-45.28 dBm		
M4		1	17.355 GHz	-42.96 dBm		
M5		1	23.14 GHz	-42.54 dBm		

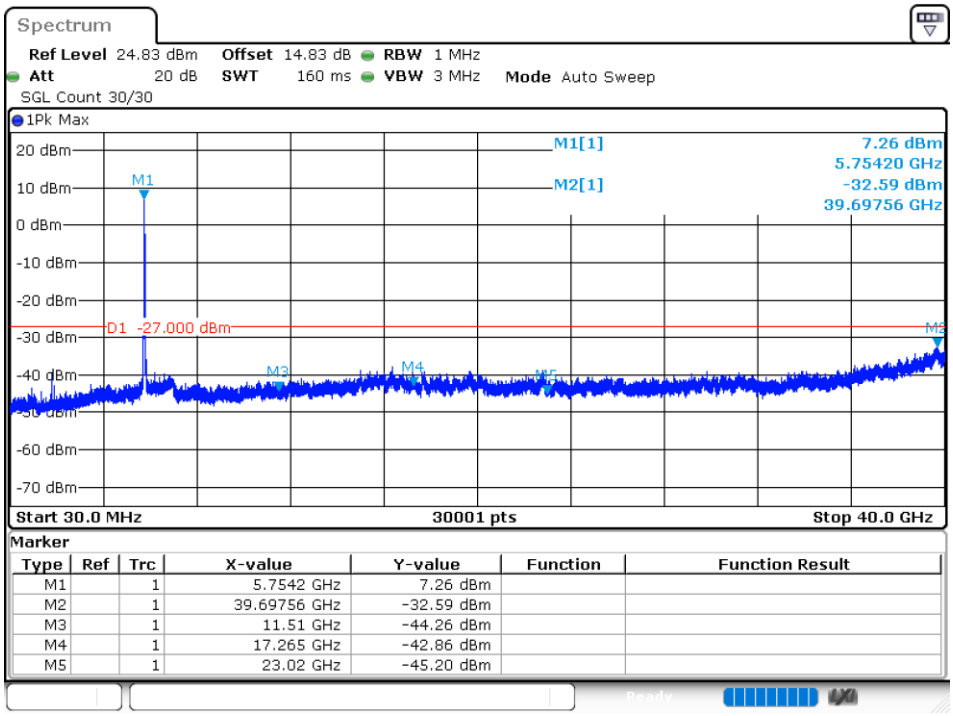
Tx. Spurious NVNT 802.11ac20 5825MHz Ant 3 Emission



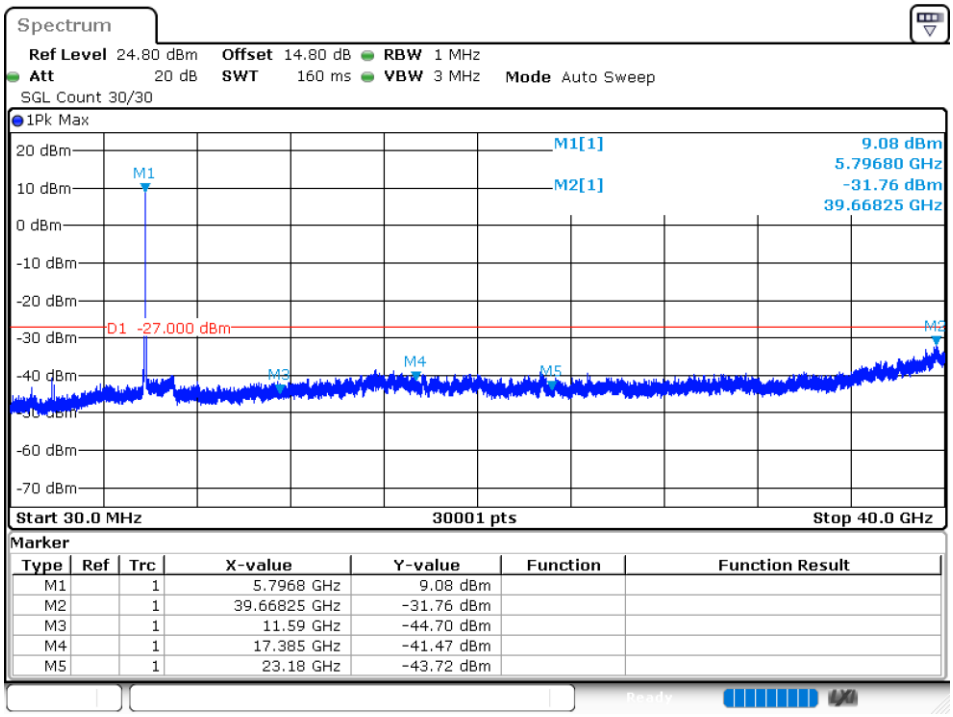
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8235 GHz	11.61 dBm		
M2		1	39.69889 GHz	-32.36 dBm		
M3		1	11.65 GHz	-44.75 dBm		
M4		1	17.475 GHz	-40.16 dBm		
M5		1	23.3 GHz	-42.96 dBm		

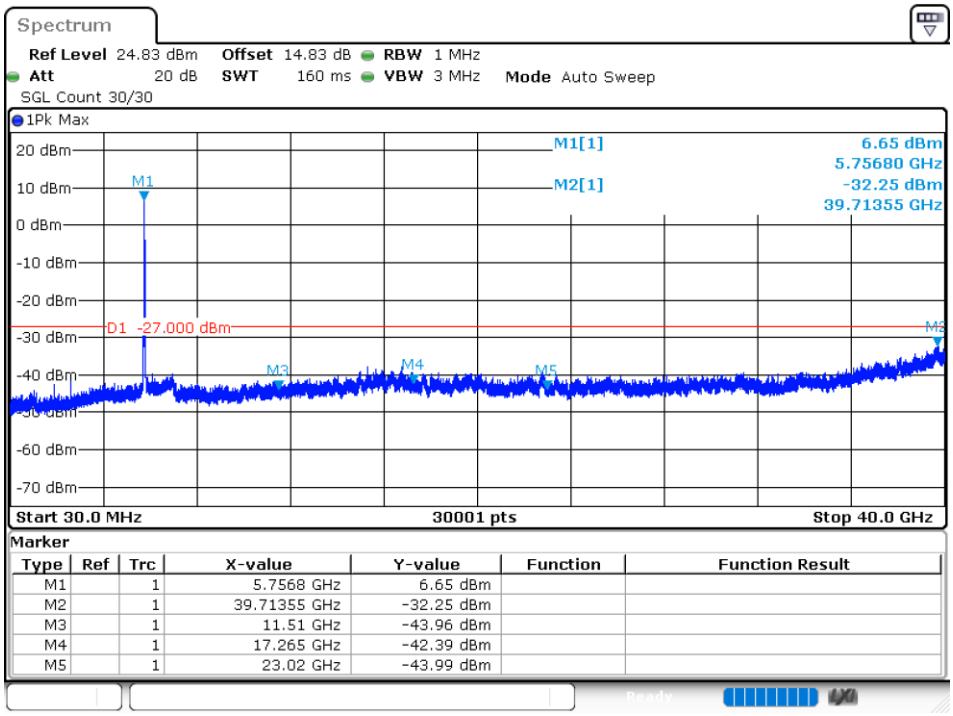
Tx. Spurious NVNT 802.11ac40 5755MHz Ant 1 Emission



Tx. Spurious NVNT 802.11ac40 5795MHz Ant 1 Emission



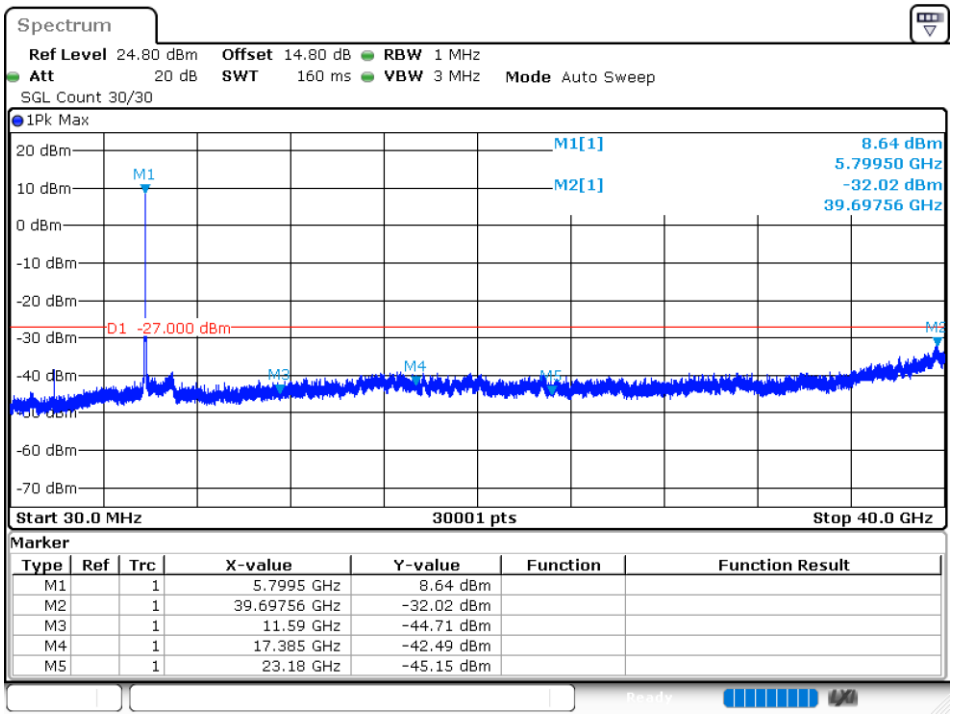
Tx. Spurious NVNT 802.11ac40 5755MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7568 GHz	6.65 dBm		
M2		1	39.71355 GHz	-32.25 dBm		
M3		1	11.51 GHz	-43.96 dBm		
M4		1	17.265 GHz	-42.39 dBm		
M5		1	23.02 GHz	-43.99 dBm		

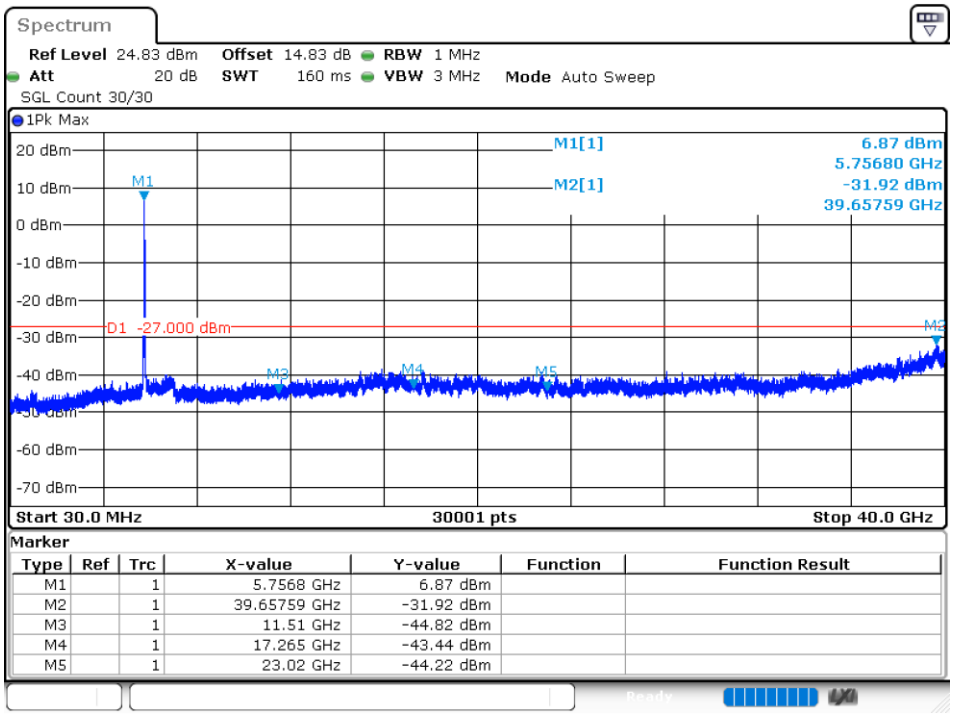
Tx. Spurious NVNT 802.11ac40 5795MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7995 GHz	8.64 dBm		
M2		1	39.69756 GHz	-32.02 dBm		
M3		1	11.59 GHz	-44.71 dBm		
M4		1	17.385 GHz	-42.49 dBm		
M5		1	23.18 GHz	-45.15 dBm		

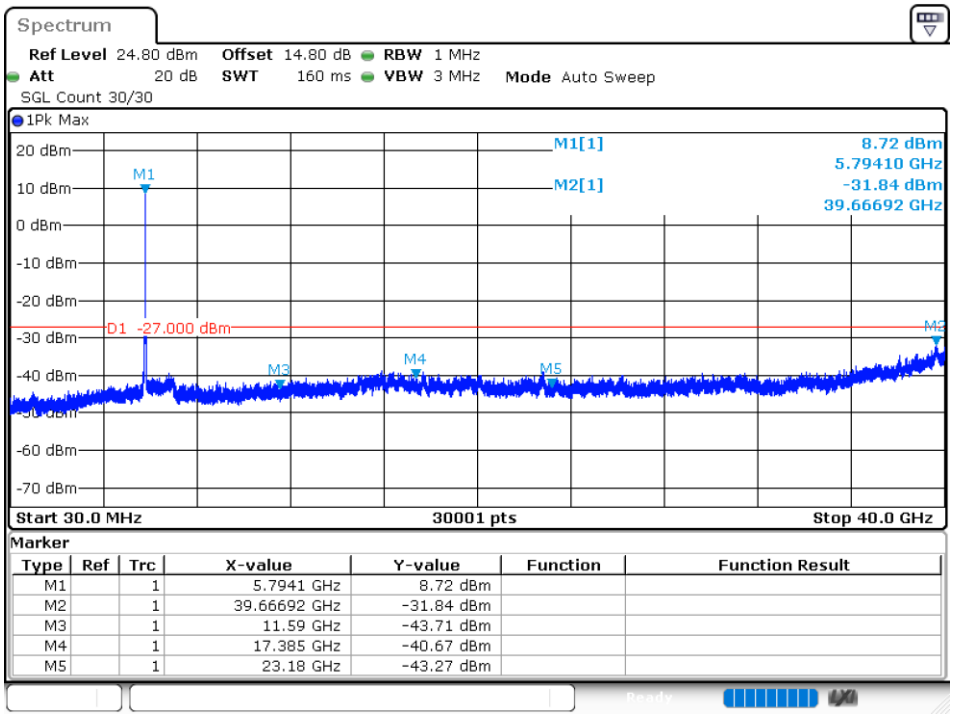
Tx. Spurious NVNT 802.11ac40 5755MHz Ant 3 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7568 GHz	6.87 dBm		
M2		1	39.65759 GHz	-31.92 dBm		
M3		1	11.51 GHz	-44.82 dBm		
M4		1	17.265 GHz	-43.44 dBm		
M5		1	23.02 GHz	-44.22 dBm		

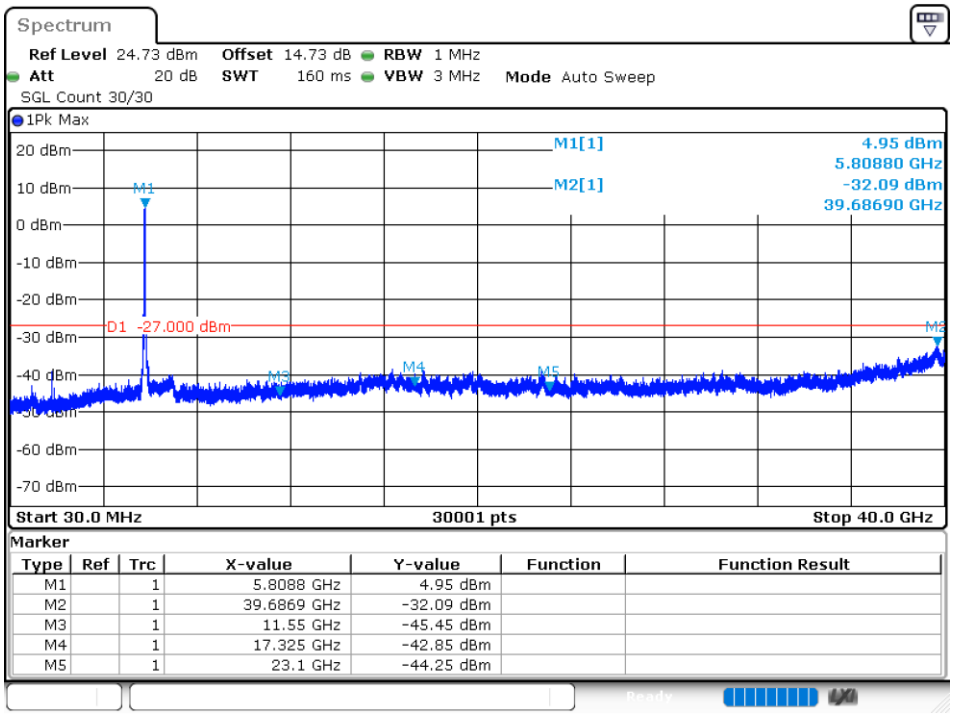
Tx. Spurious NVNT 802.11ac40 5795MHz Ant 3 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7941 GHz	8.72 dBm		
M2		1	39.66692 GHz	-31.84 dBm		
M3		1	11.59 GHz	-43.71 dBm		
M4		1	17.385 GHz	-40.67 dBm		
M5		1	23.18 GHz	-43.27 dBm		

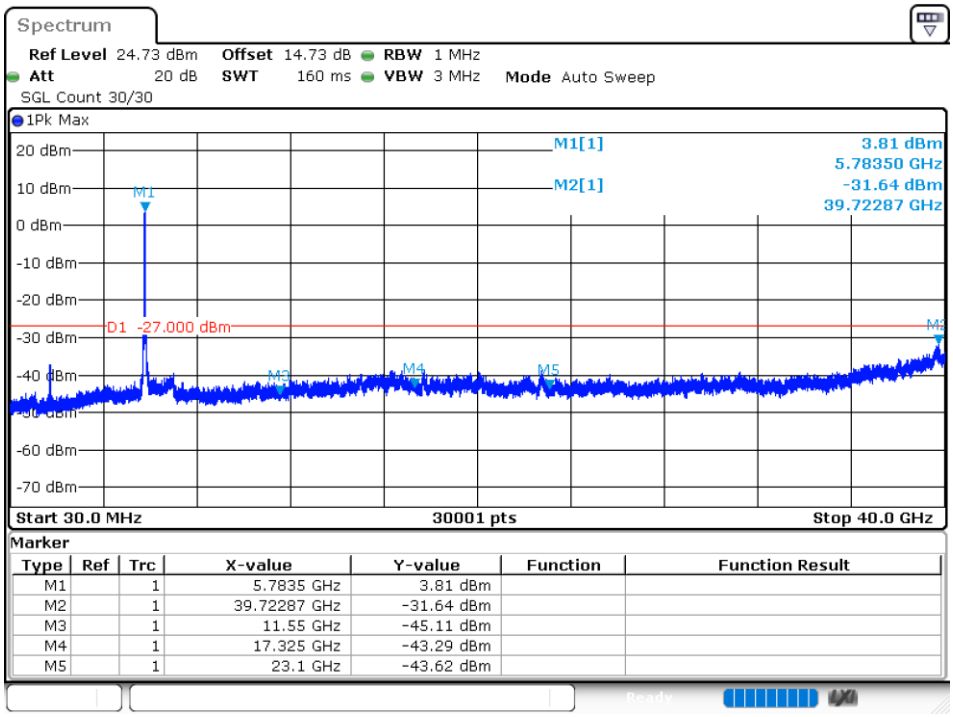
Tx. Spurious NVNT 802.11ac80 5775MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8088 GHz	4.95 dBm		
M2		1	39.6869 GHz	-32.09 dBm		
M3		1	11.55 GHz	-45.45 dBm		
M4		1	17.325 GHz	-42.85 dBm		
M5		1	23.1 GHz	-44.25 dBm		

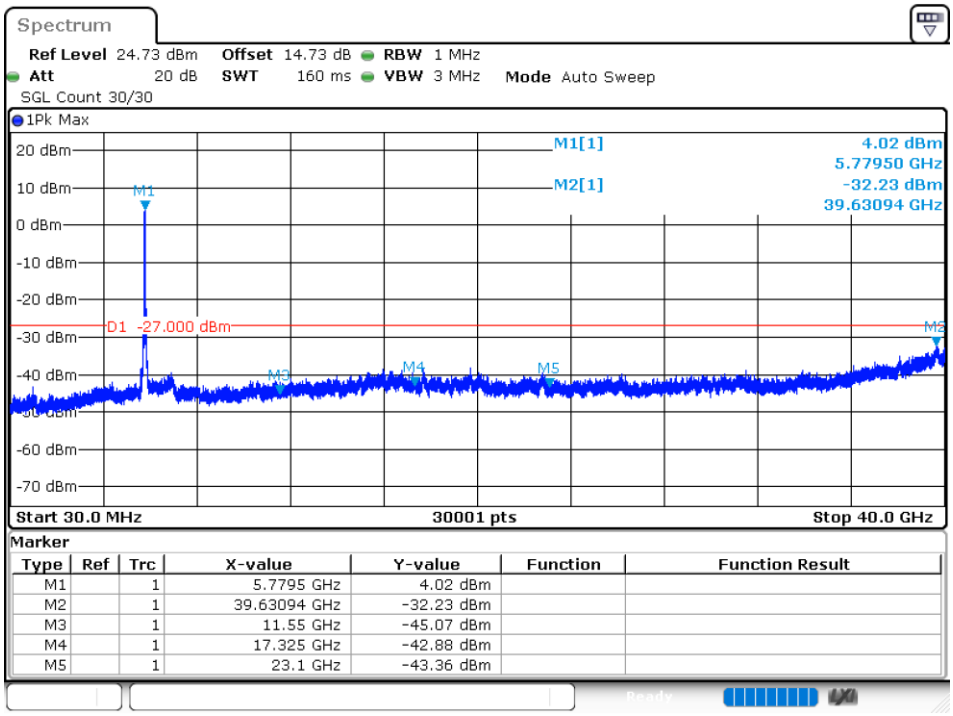
Tx. Spurious NVNT 802.11ac80 5775MHz Ant 2 Emission



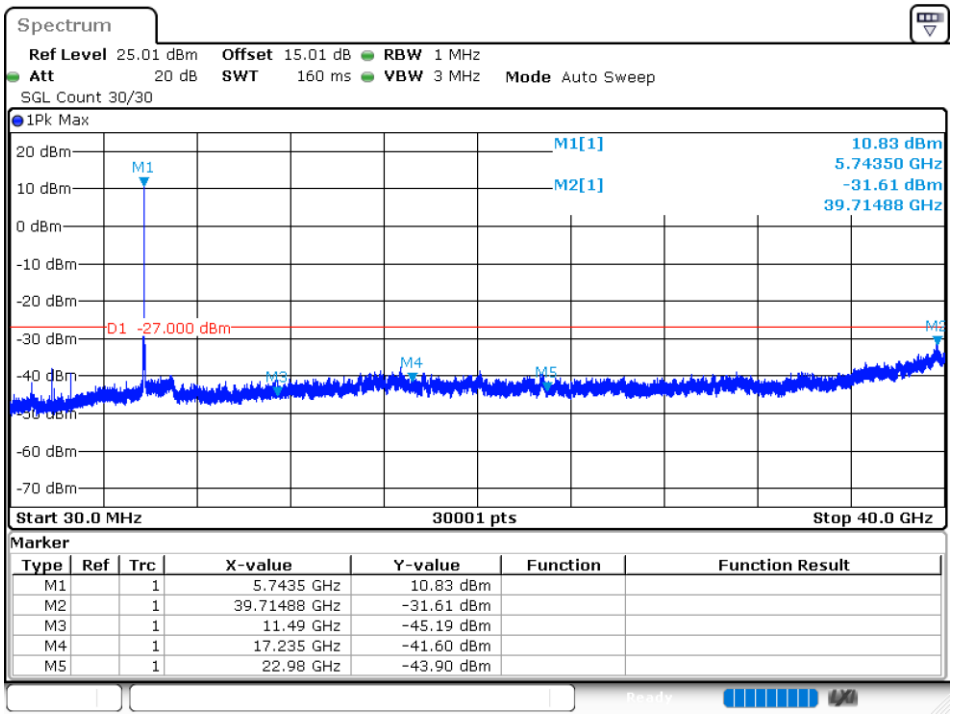
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7835 GHz	3.81 dBm		
M2		1	39.72287 GHz	-31.64 dBm		
M3		1	11.55 GHz	-45.11 dBm		
M4		1	17.325 GHz	-43.29 dBm		
M5		1	23.1 GHz	-43.62 dBm		

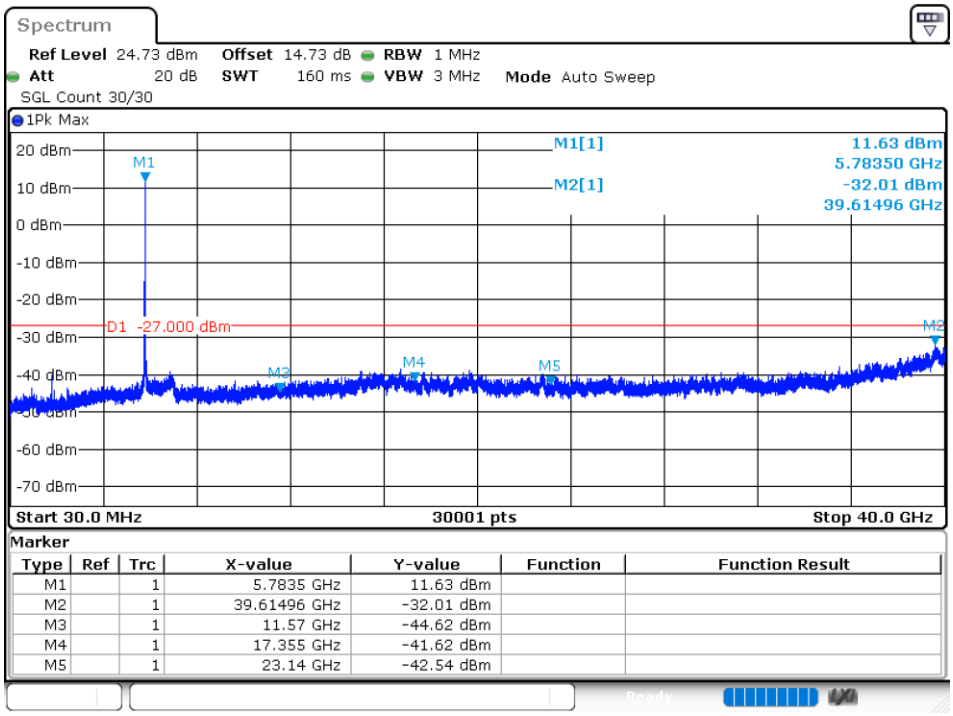
Tx. Spurious NVNT 802.11ac80 5775MHz Ant 3 Emission



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



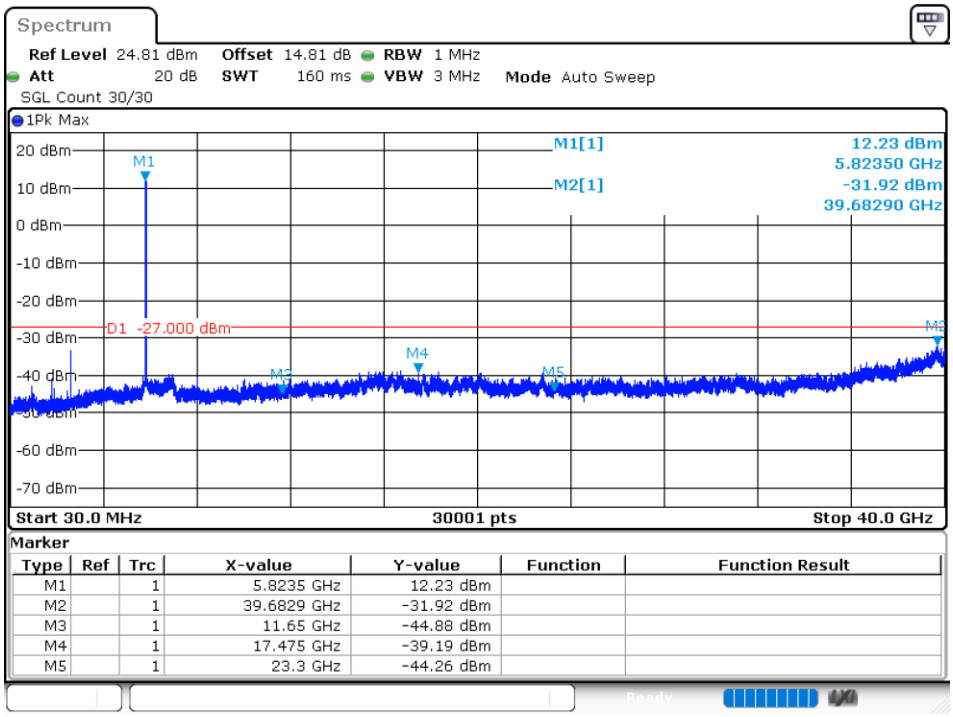
Tx. Spurious NVNT 802.11n(HT20) 5785MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7835 GHz	11.63 dBm		
M2		1	39.61496 GHz	-32.01 dBm		
M3		1	11.57 GHz	-44.62 dBm		
M4		1	17.355 GHz	-41.62 dBm		
M5		1	23.14 GHz	-42.54 dBm		

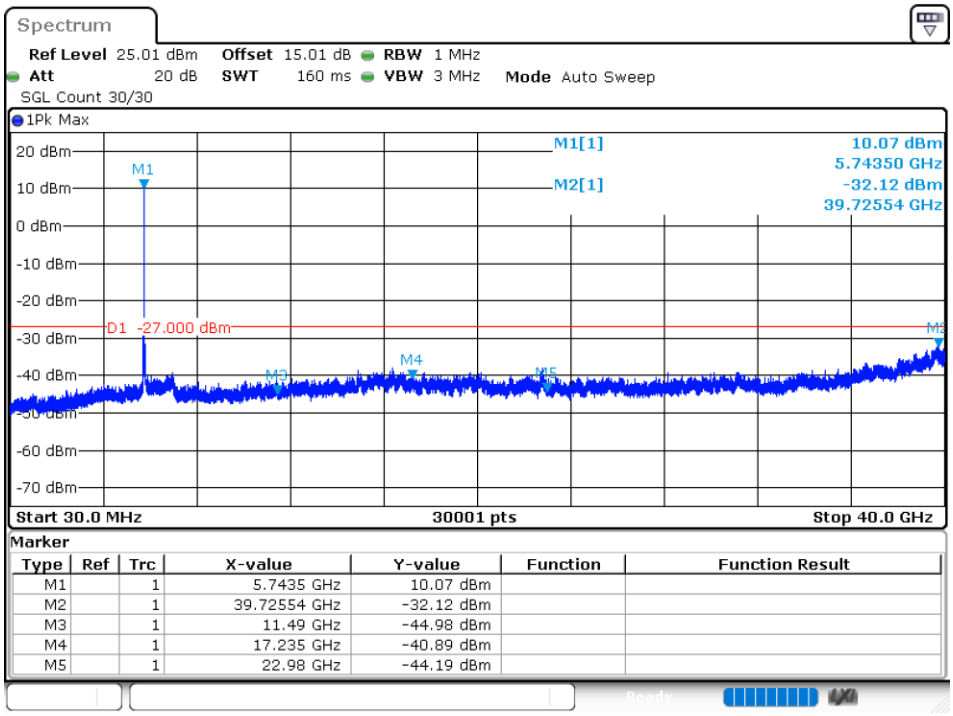
Tx. Spurious NVNT 802.11n(HT20) 5825MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8235 GHz	12.23 dBm		
M2		1	39.6829 GHz	-31.92 dBm		
M3		1	11.65 GHz	-44.88 dBm		
M4		1	17.475 GHz	-39.19 dBm		
M5		1	23.3 GHz	-44.26 dBm		

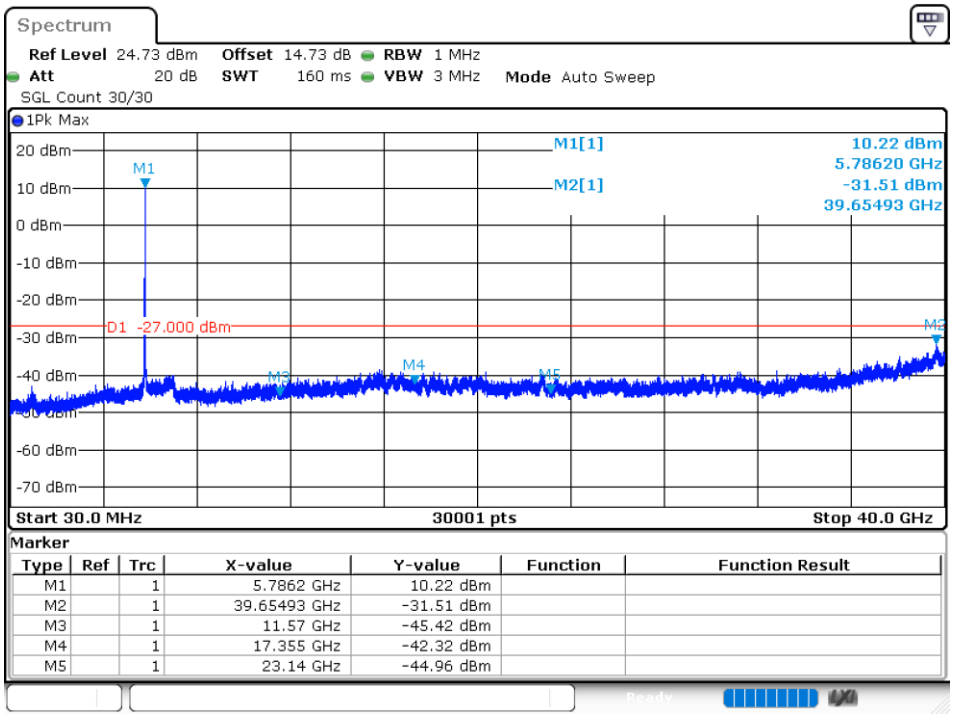
Tx. Spurious NVNT 802.11n(HT20) 5745MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7435 GHz	10.07 dBm		
M2		1	39.72554 GHz	-32.12 dBm		
M3		1	11.49 GHz	-44.98 dBm		
M4		1	17.235 GHz	-40.89 dBm		
M5		1	22.98 GHz	-44.19 dBm		

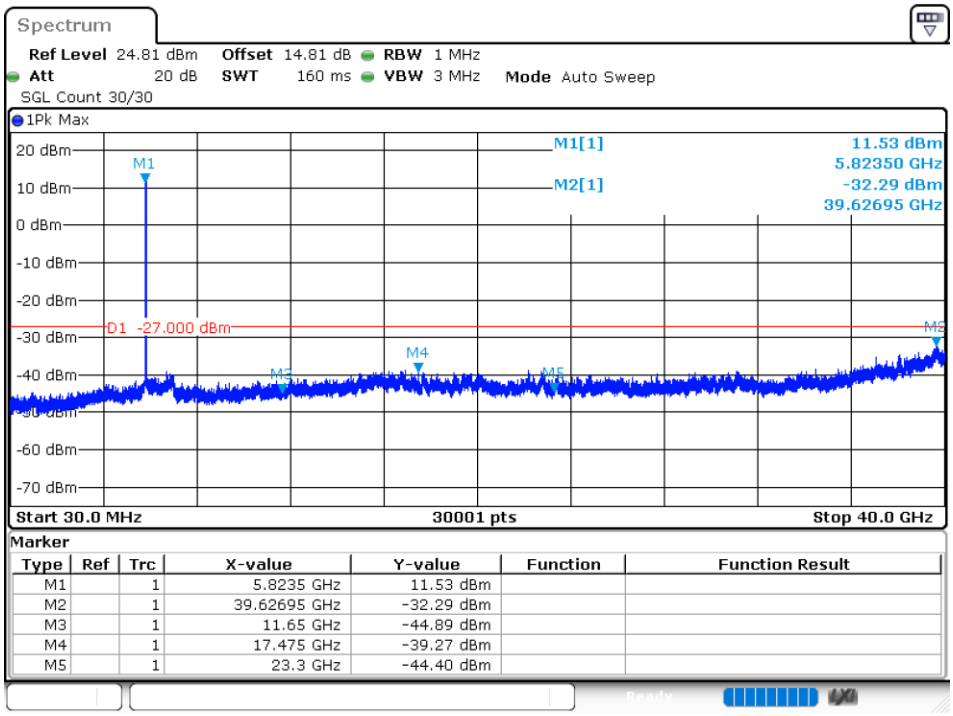
Tx. Spurious NVNT 802.11n(HT20) 5785MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7862 GHz	10.22 dBm		
M2		1	39.65493 GHz	-31.51 dBm		
M3		1	11.57 GHz	-45.42 dBm		
M4		1	17.355 GHz	-42.32 dBm		
M5		1	23.14 GHz	-44.96 dBm		

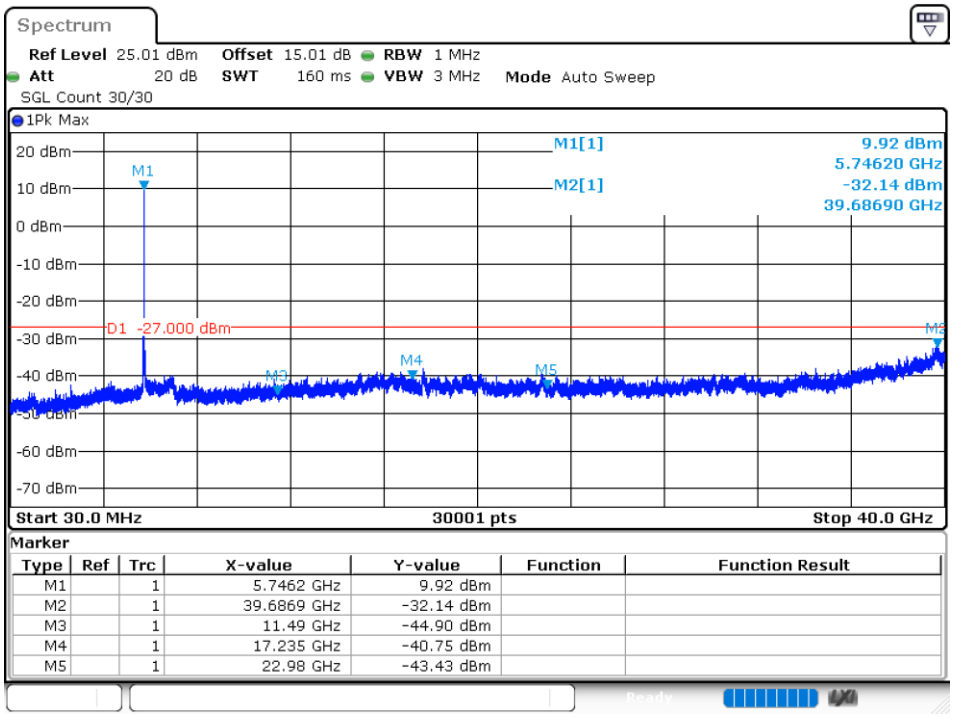
Tx. Spurious NVNT 802.11n(HT20) 5825MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8235 GHz	11.53 dBm		
M2		1	39.62695 GHz	-32.29 dBm		
M3		1	11.65 GHz	-44.89 dBm		
M4		1	17.475 GHz	-39.27 dBm		
M5		1	23.3 GHz	-44.40 dBm		

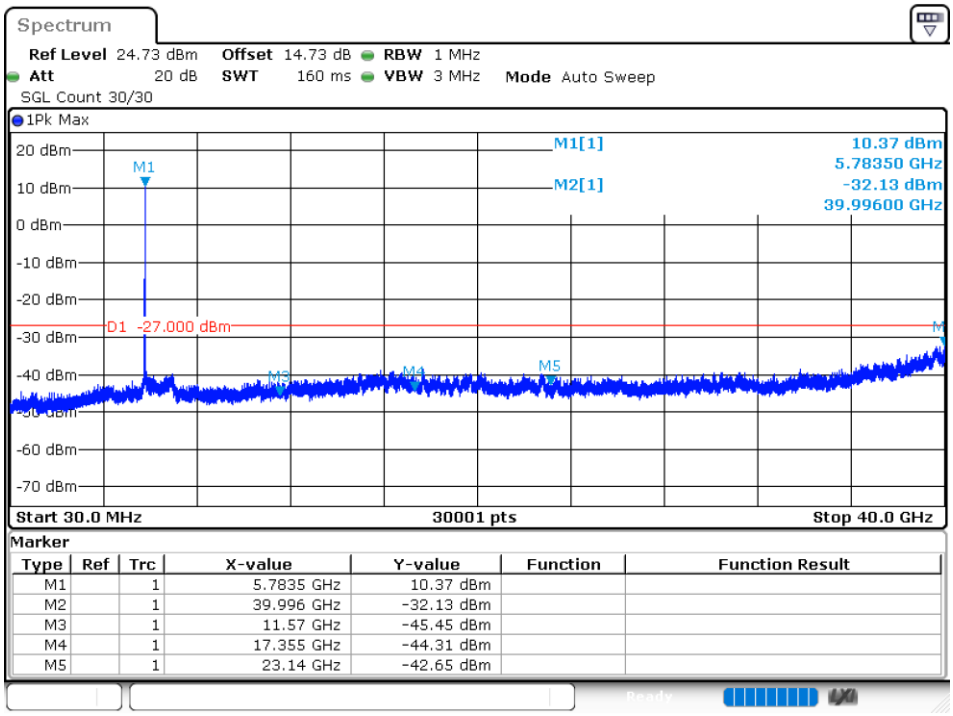
Tx. Spurious NVNT 802.11n(HT20) 5745MHz Ant 3 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7462 GHz	9.92 dBm		
M2		1	39.6869 GHz	-32.14 dBm		
M3		1	11.49 GHz	-44.90 dBm		
M4		1	17.235 GHz	-40.75 dBm		
M5		1	22.98 GHz	-43.43 dBm		

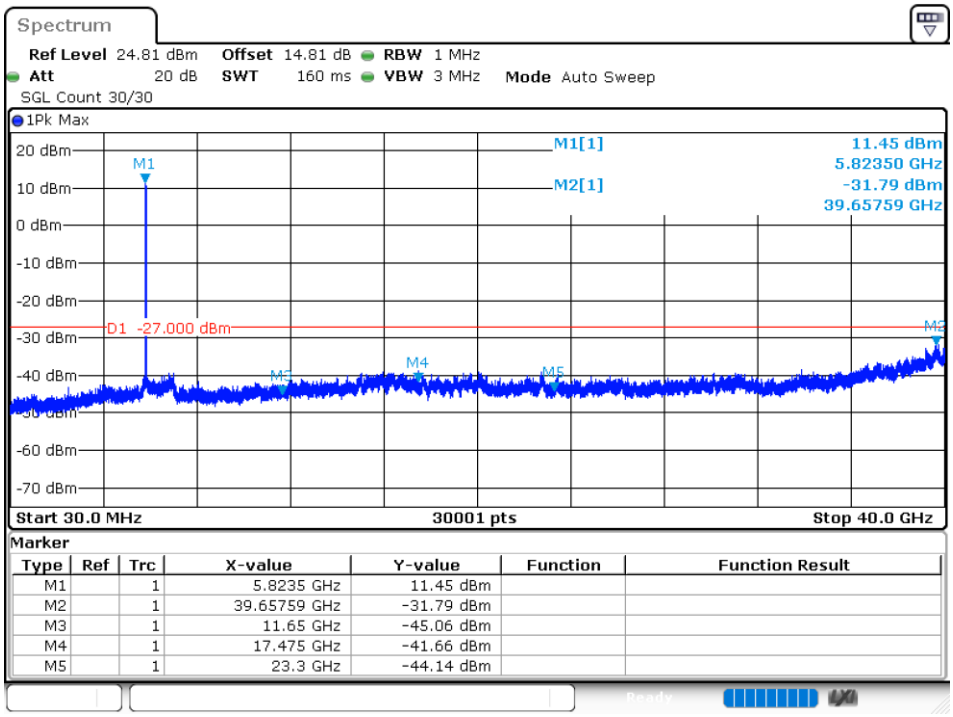
Tx. Spurious NVNT 802.11n(HT20) 5785MHz Ant 3 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7835 GHz	10.37 dBm		
M2		1	39.996 GHz	-32.13 dBm		
M3		1	11.57 GHz	-45.45 dBm		
M4		1	17.355 GHz	-44.31 dBm		
M5		1	23.14 GHz	-42.65 dBm		

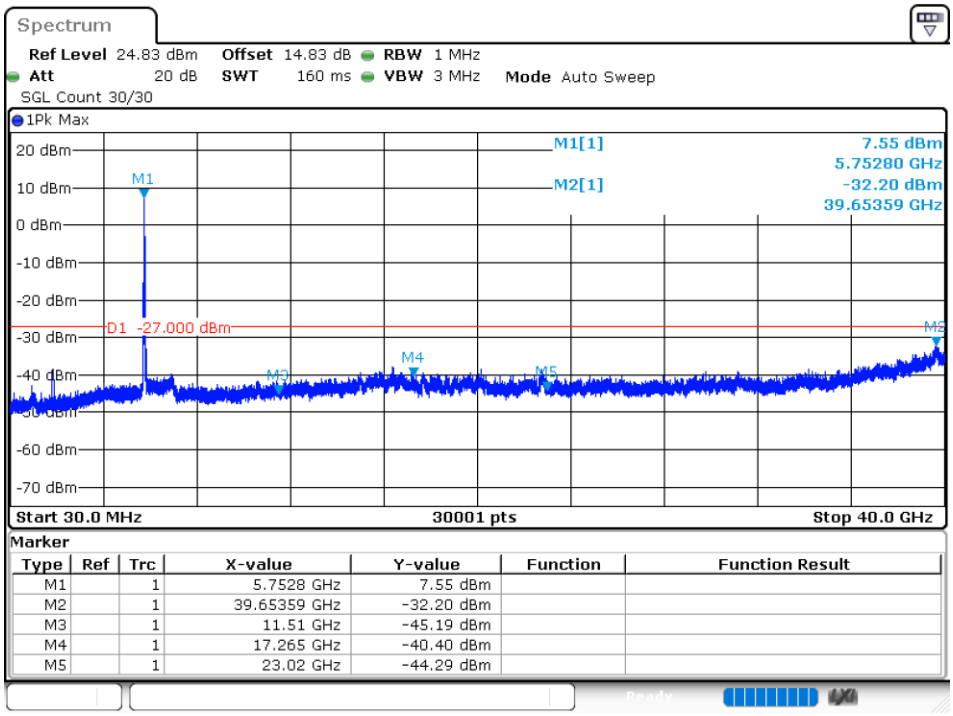
Tx. Spurious NVNT 802.11n(HT20) 5825MHz Ant 3 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8235 GHz	11.45 dBm		
M2		1	39.65759 GHz	-31.79 dBm		
M3		1	11.65 GHz	-45.06 dBm		
M4		1	17.475 GHz	-41.66 dBm		
M5		1	23.3 GHz	-44.14 dBm		

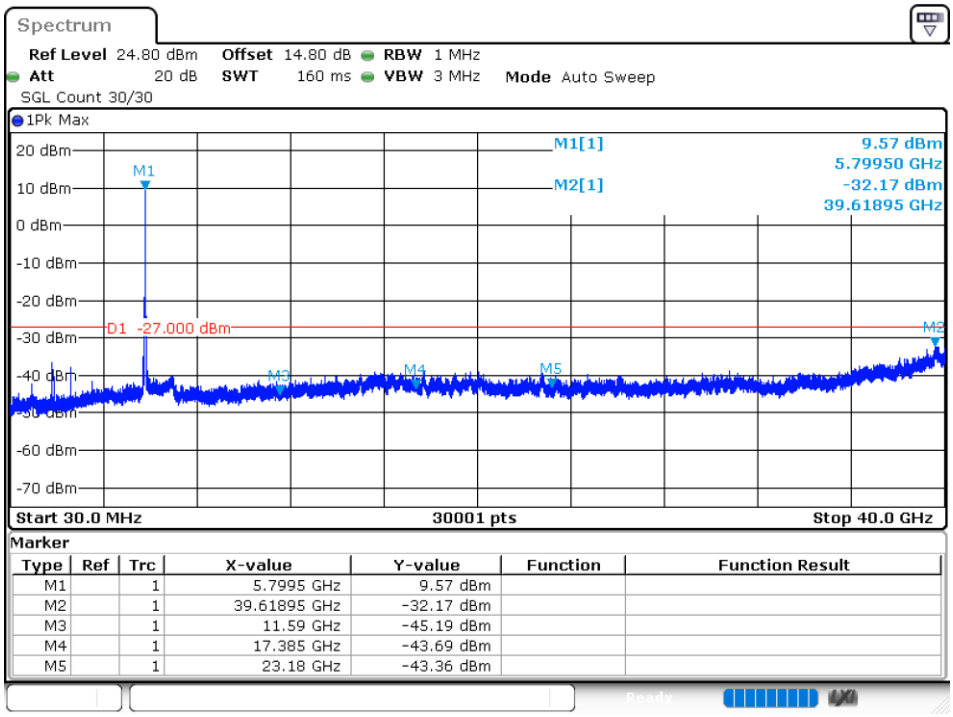
Tx. Spurious NVNT 802.11n(HT40) 5755MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7528 GHz	7.55 dBm		
M2		1	39.65359 GHz	-32.20 dBm		
M3		1	11.51 GHz	-45.19 dBm		
M4		1	17.265 GHz	-40.40 dBm		
M5		1	23.02 GHz	-44.29 dBm		

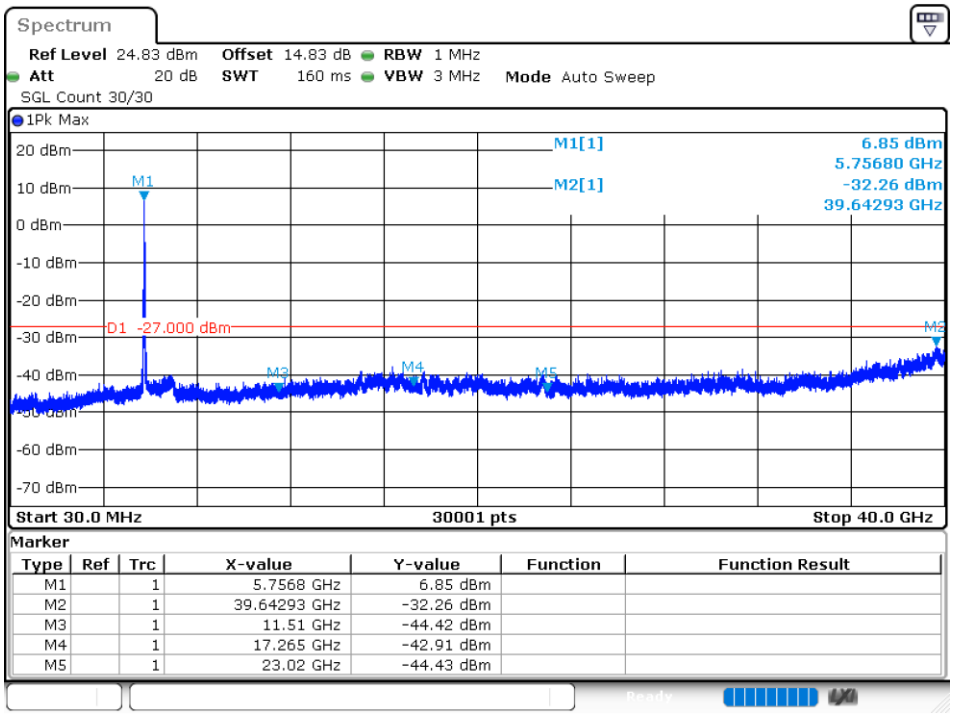
Tx. Spurious NVNT 802.11n(HT40) 5795MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7995 GHz	9.57 dBm		
M2		1	39.61895 GHz	-32.17 dBm		
M3		1	11.59 GHz	-45.19 dBm		
M4		1	17.385 GHz	-43.69 dBm		
M5		1	23.18 GHz	-43.36 dBm		

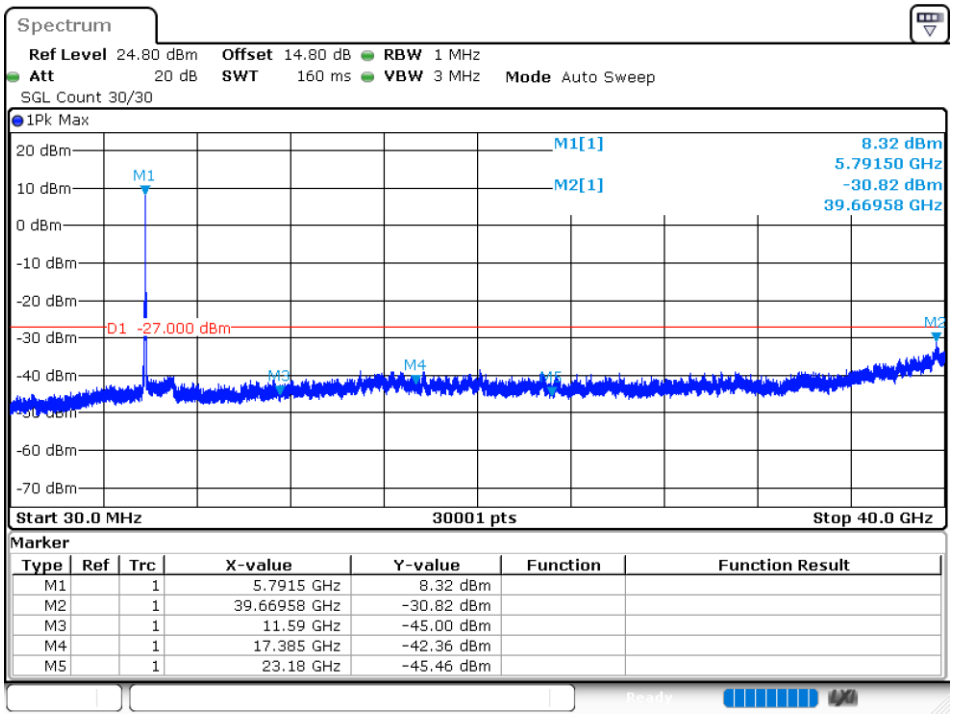
Tx. Spurious NVNT 802.11n(HT40) 5755MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7568 GHz	6.85 dBm		
M2		1	39.64293 GHz	-32.26 dBm		
M3		1	11.51 GHz	-44.42 dBm		
M4		1	17.265 GHz	-42.91 dBm		
M5		1	23.02 GHz	-44.43 dBm		

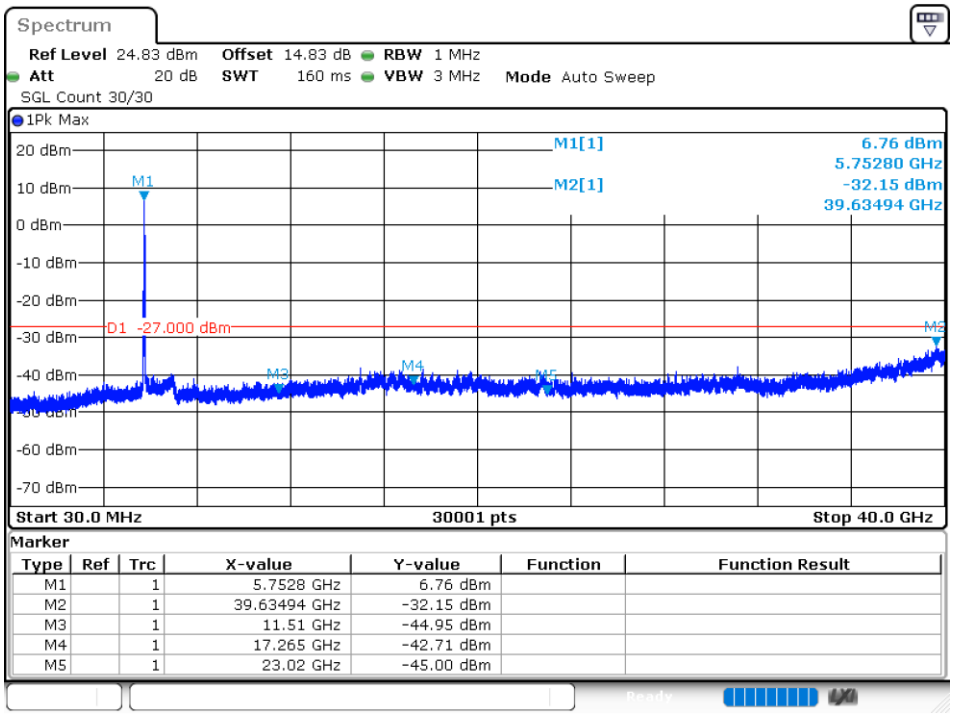
Tx. Spurious NVNT 802.11n(HT40) 5795MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7915 GHz	8.32 dBm		
M2		1	39.66958 GHz	-30.82 dBm		
M3		1	11.59 GHz	-45.00 dBm		
M4		1	17.385 GHz	-42.36 dBm		
M5		1	23.18 GHz	-45.46 dBm		

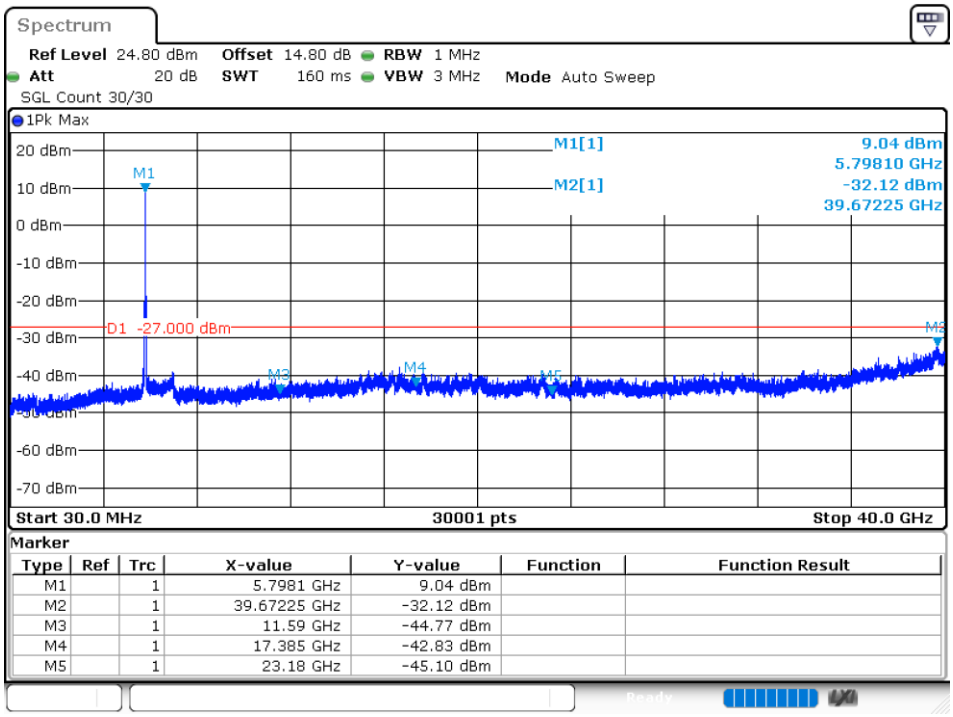
Tx. Spurious NVNT 802.11n(HT40) 5755MHz Ant 3 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7528 GHz	6.76 dBm		
M2		1	39.63494 GHz	-32.15 dBm		
M3		1	11.51 GHz	-44.95 dBm		
M4		1	17.265 GHz	-42.71 dBm		
M5		1	23.02 GHz	-45.00 dBm		

Tx. Spurious NVNT 802.11n(HT40) 5795MHz Ant 3 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7981 GHz	9.04 dBm		
M2		1	39.67225 GHz	-32.12 dBm		
M3		1	11.59 GHz	-44.77 dBm		
M4		1	17.385 GHz	-42.83 dBm		
M5		1	23.18 GHz	-45.10 dBm		