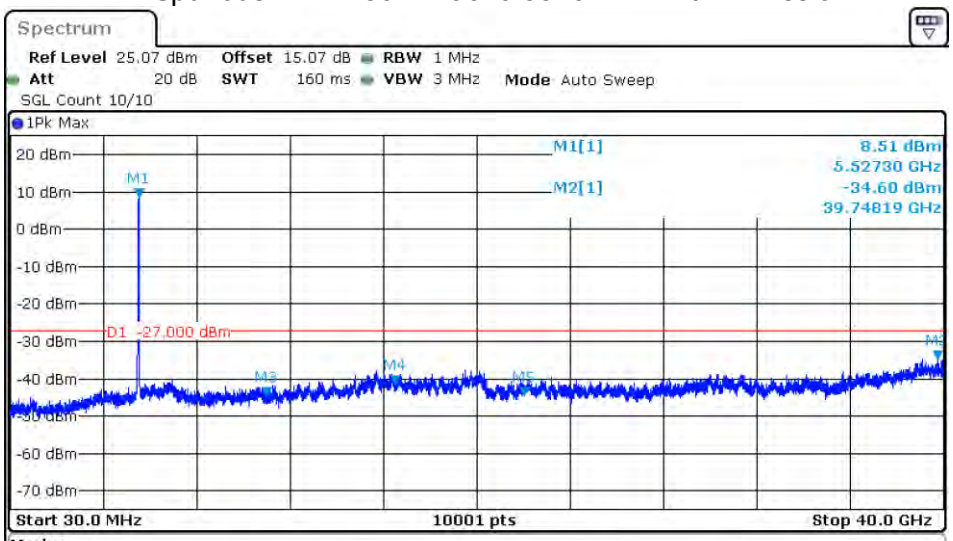
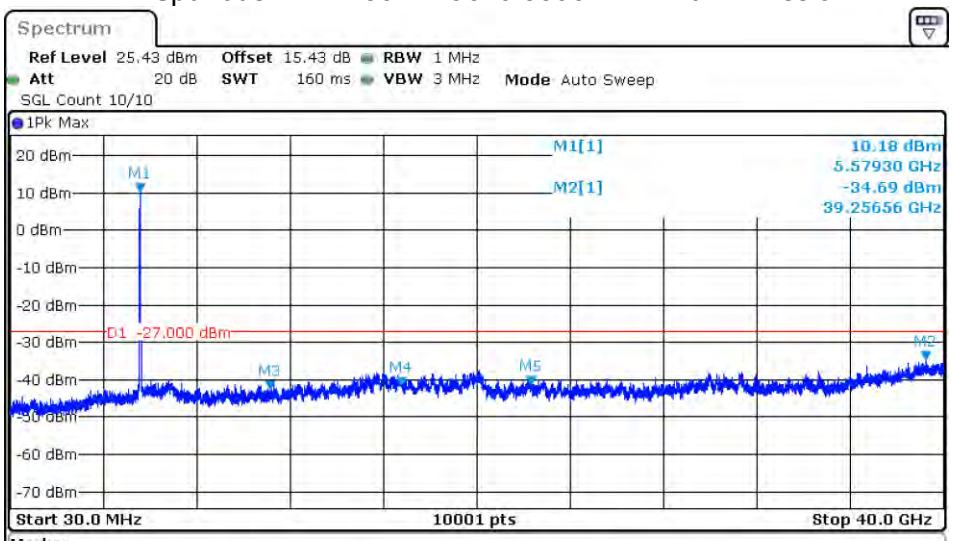
Tx. Spurious NVNT 802.11ac40 5510MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.5273 GHz	8.51 dBm		
M2		1	39.74819 GHz	-34.60 dBm		
M3		1	11.02 GHz	-44.64 dBm		
M4		1	16.53 GHz	-41.38 dBm		
M5		1	22.04 GHz	-44.47 dBm		

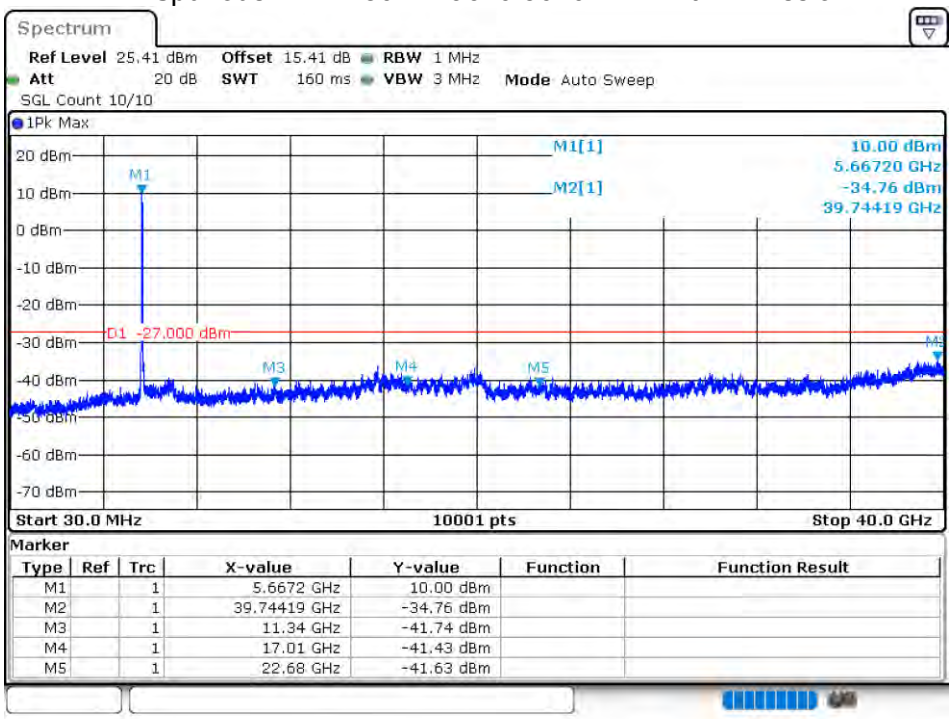
Tx. Spurious NVNT 802.11ac40 5590MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.5793 GHz	10.18 dBm		
M2		1	39.25656 GHz	-34.69 dBm		
M3		1	11.18 GHz	-42.59 dBm		
M4		1	16.77 GHz	-41.52 dBm		
M5		1	22.36 GHz	-41.28 dBm		

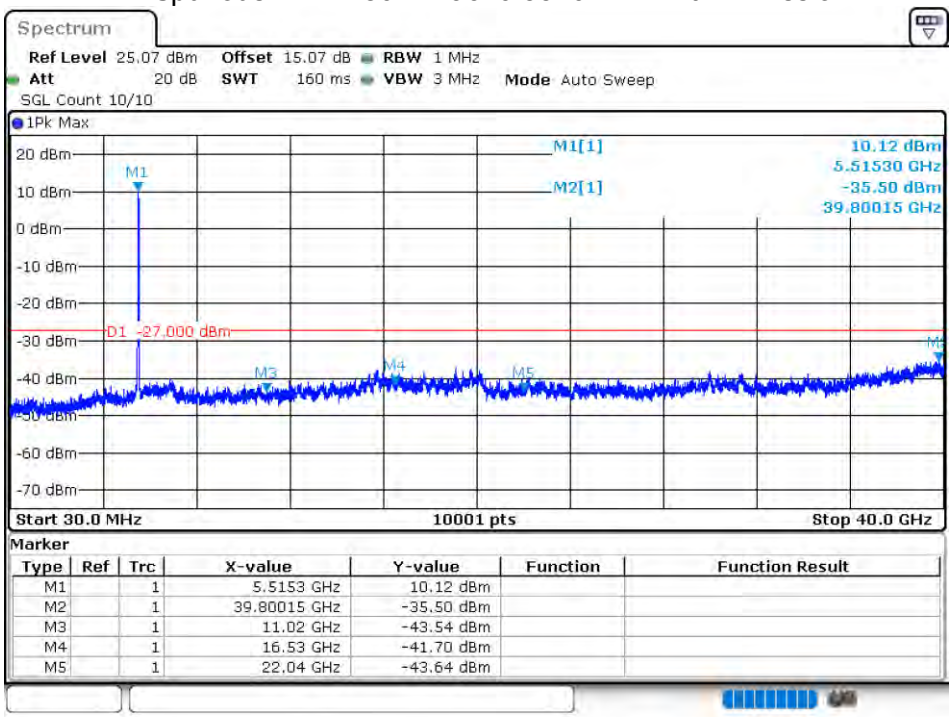
Tx. Spurious NVNT 802.11ac40 5670MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.6672 GHz	10.00 dBm		
M2		1	39.74419 GHz	-34.76 dBm		
M3		1	11.34 GHz	-41.74 dBm		
M4		1	17.01 GHz	-41.43 dBm		
M5		1	22.68 GHz	-41.63 dBm		

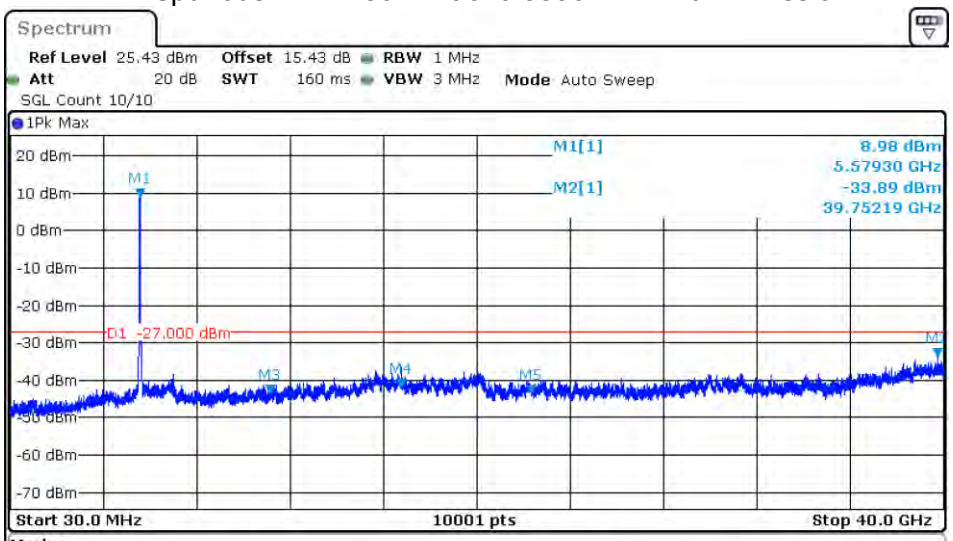
Tx. Spurious NVNT 802.11ac40 5510MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.5153 GHz	10.12 dBm		
M2		1	39.80015 GHz	-35.50 dBm		
M3		1	11.02 GHz	-43.54 dBm		
M4		1	16.53 GHz	-41.70 dBm		
M5		1	22.04 GHz	-43.64 dBm		

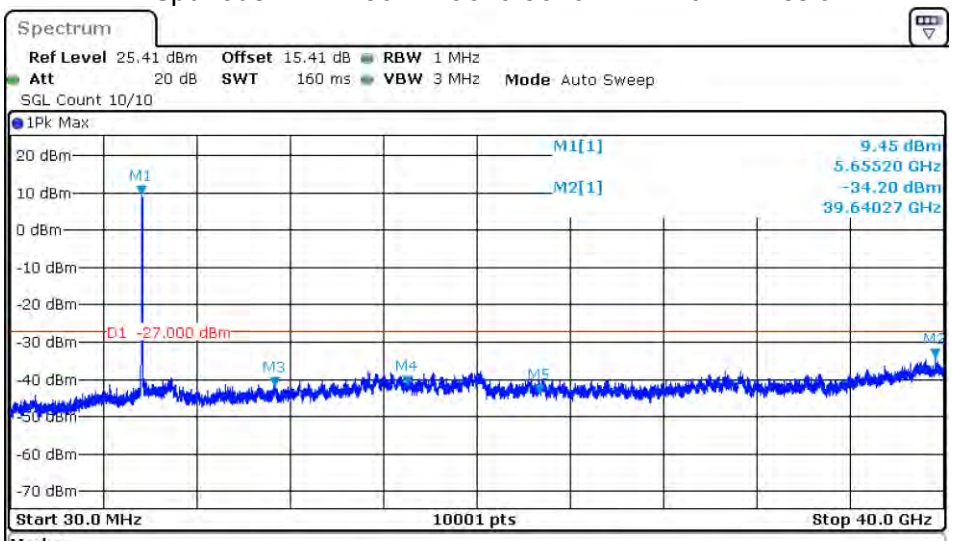
Tx. Spurious NVNT 802.11ac40 5590MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.5793 GHz	8.98 dBm		
M2		1	39.75219 GHz	-33.89 dBm		
M3		1	11.18 GHz	-43.68 dBm		
M4		1	16.77 GHz	-41.82 dBm		
M5		1	22.36 GHz	-43.66 dBm		

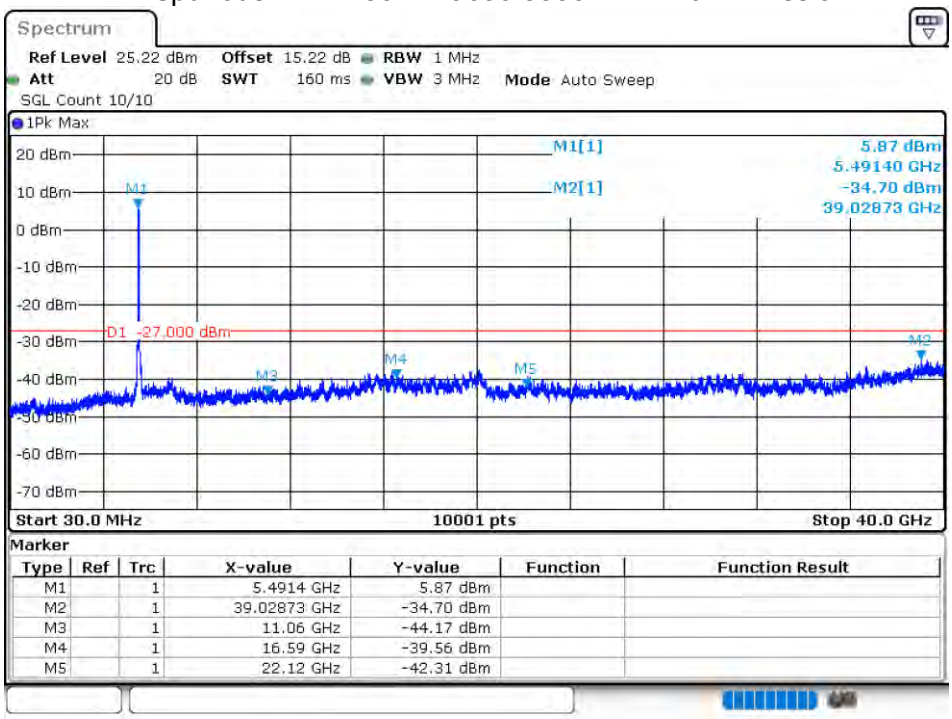
Tx. Spurious NVNT 802.11ac40 5670MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.6552 GHz	9.45 dBm		
M2		1	39.64027 GHz	-34.20 dBm		
M3		1	11.34 GHz	-41.83 dBm		
M4		1	17.01 GHz	-41.31 dBm		
M5		1	22.68 GHz	-43.53 dBm		

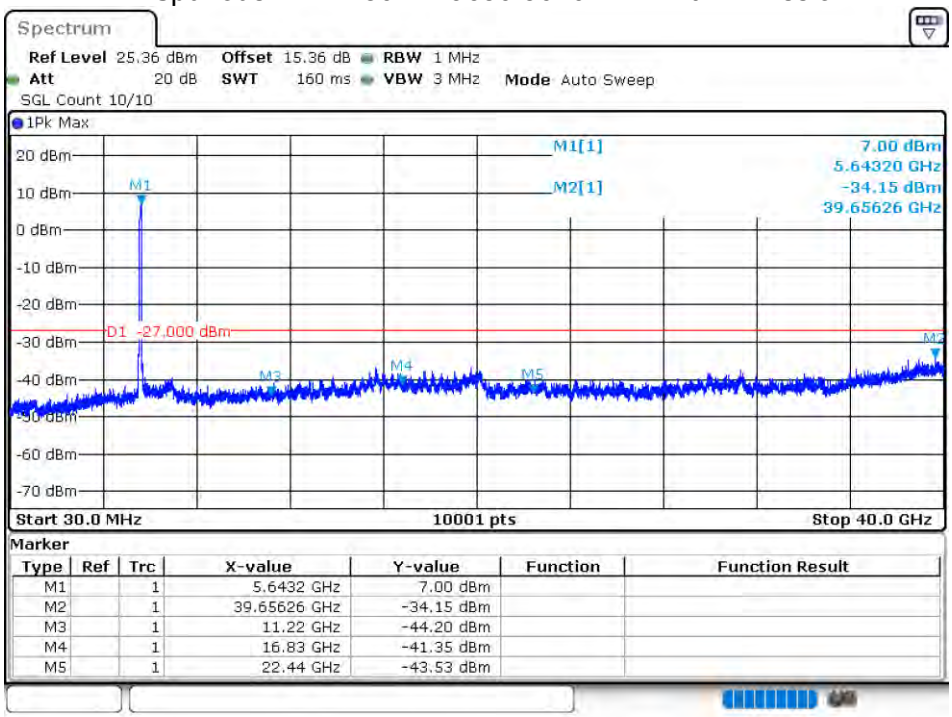
Tx. Spurious NVNT 802.11ac80 5530MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.4914 GHz	5.87 dBm		
M2		1	39.02873 GHz	-34.70 dBm		
M3		1	11.06 GHz	-44.17 dBm		
M4		1	16.59 GHz	-39.56 dBm		
M5		1	22.12 GHz	-42.31 dBm		

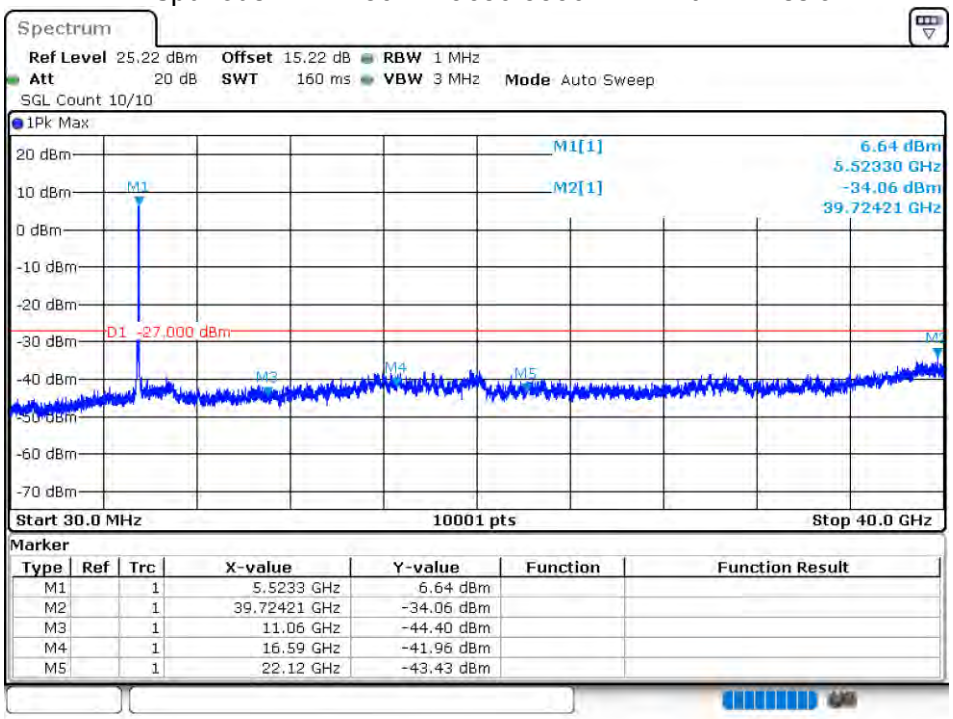
Tx. Spurious NVNT 802.11ac80 5610MHz Ant 1 Emission



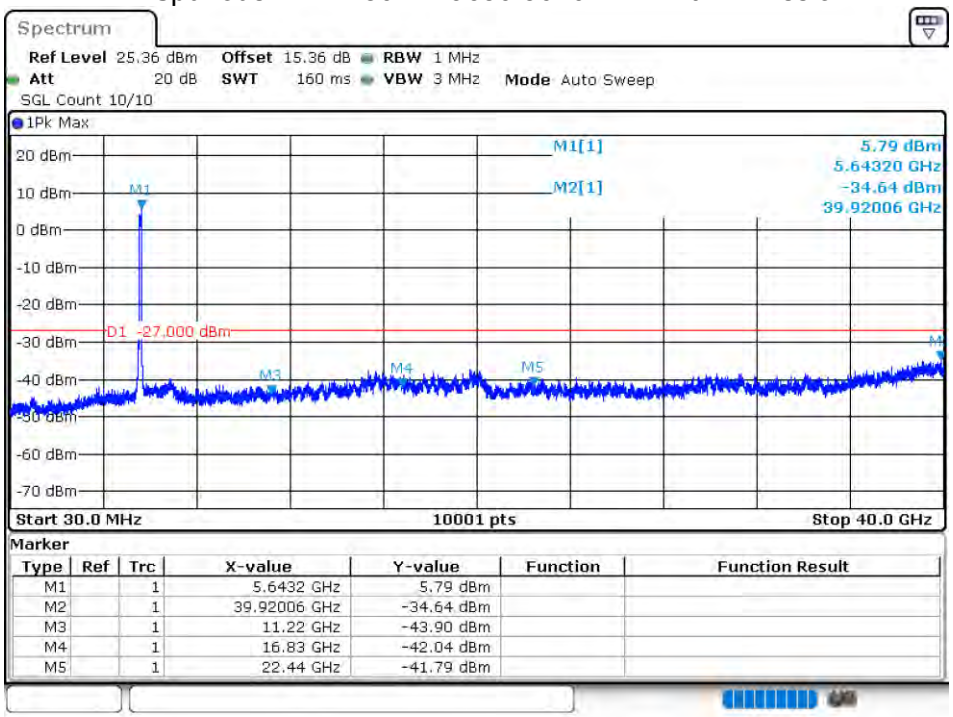
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.6432 GHz	7.00 dBm		
M2		1	39.65626 GHz	-34.15 dBm		
M3		1	11.22 GHz	-44.20 dBm		
M4		1	16.83 GHz	-41.35 dBm		
M5		1	22.44 GHz	-43.53 dBm		

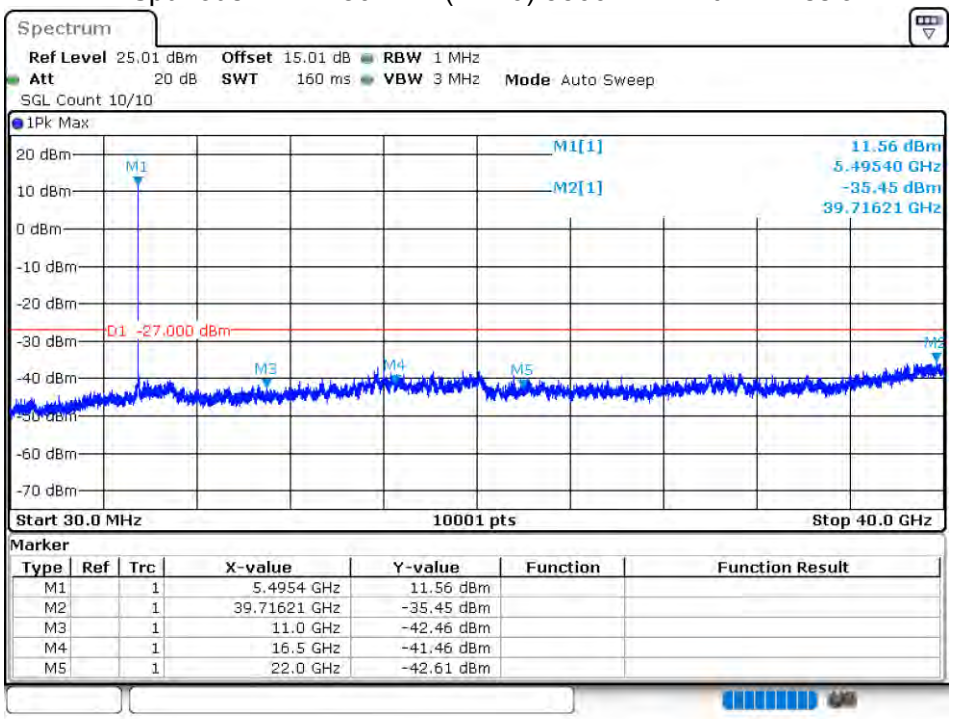
Tx. Spurious NVNT 802.11ac80 5530MHz Ant 2 Emission



Tx. Spurious NVNT 802.11ac80 5610MHz Ant 2 Emission



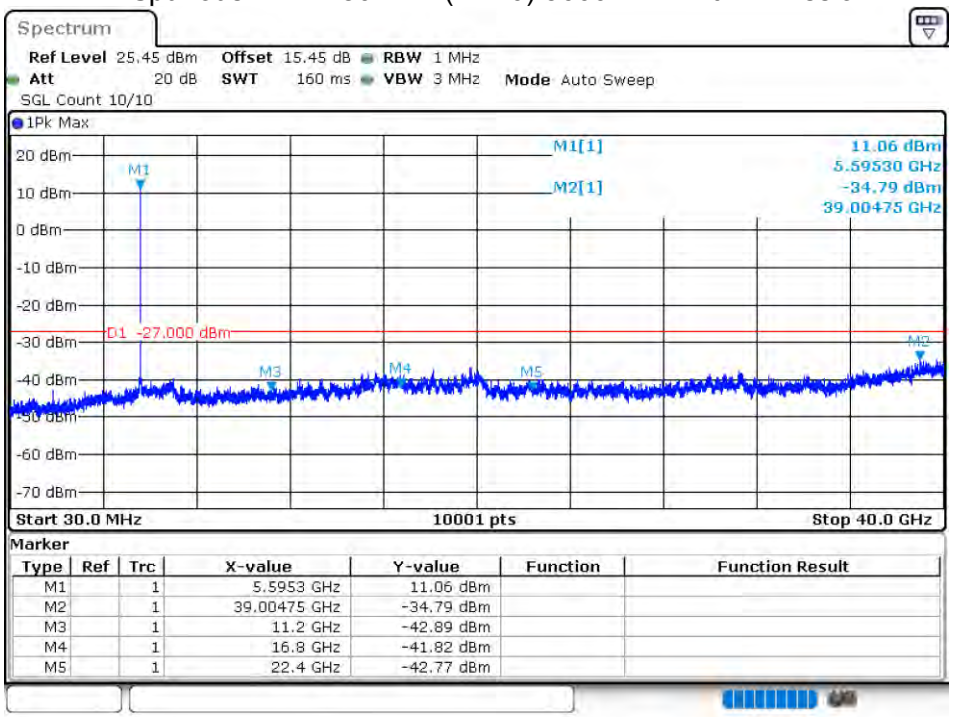
Tx. Spurious NVNT 802.11n(HT20) 5500MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.4954 GHz	11.56 dBm		
M2		1	39.71621 GHz	-35.45 dBm		
M3		1	11.0 GHz	-42.46 dBm		
M4		1	16.5 GHz	-41.46 dBm		
M5		1	22.0 GHz	-42.61 dBm		

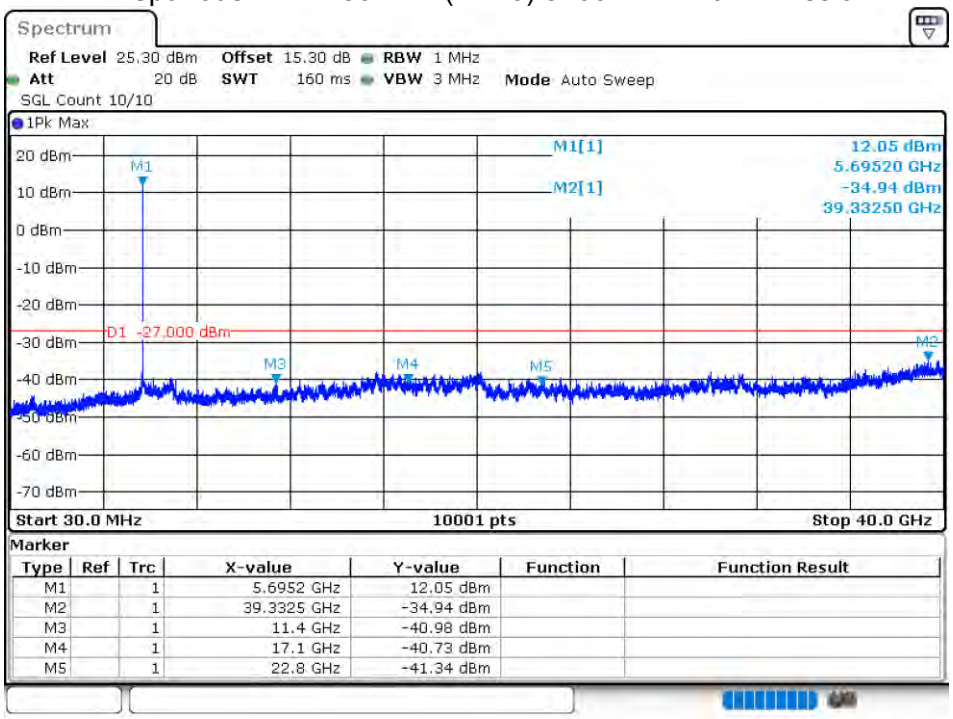
Tx. Spurious NVNT 802.11n(HT20) 5600MHz Ant 1 Emission



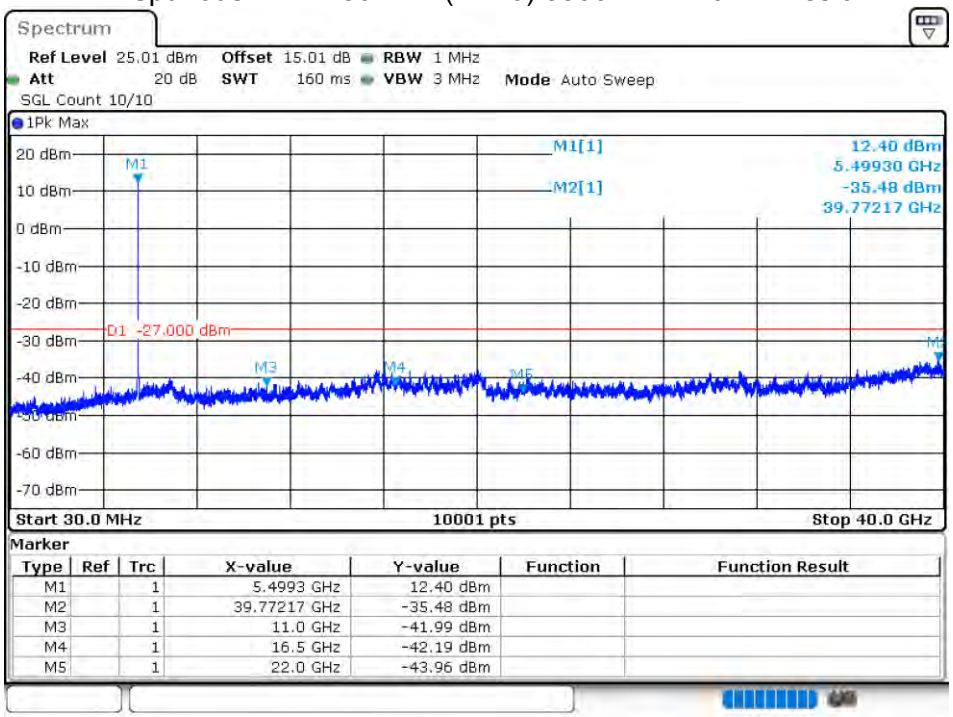
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.5953 GHz	11.06 dBm		
M2		1	39.00475 GHz	-34.79 dBm		
M3		1	11.2 GHz	-42.89 dBm		
M4		1	16.8 GHz	-41.82 dBm		
M5		1	22.4 GHz	-42.77 dBm		

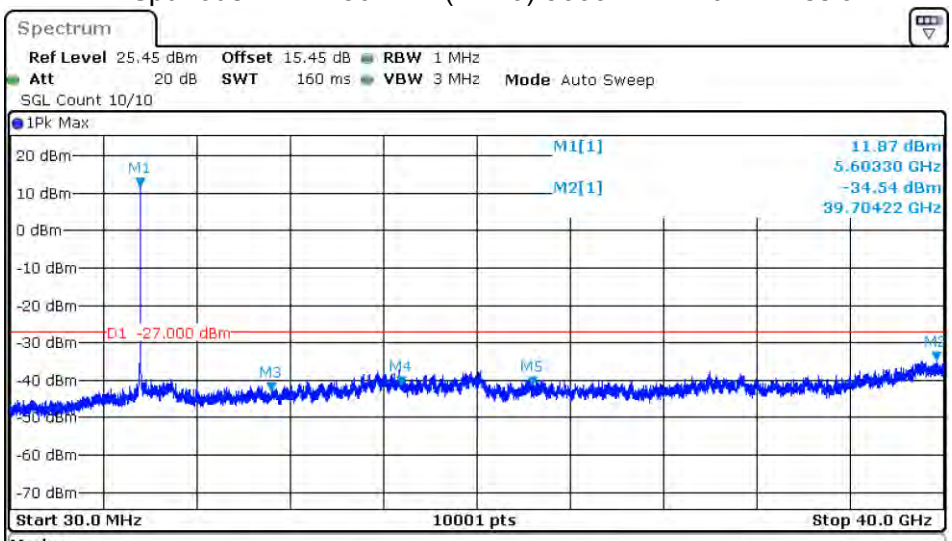
Tx. Spurious NVNT 802.11n(HT20) 5700MHz Ant 1 Emission



Tx. Spurious NVNT 802.11n(HT20) 5500MHz Ant 2 Emission



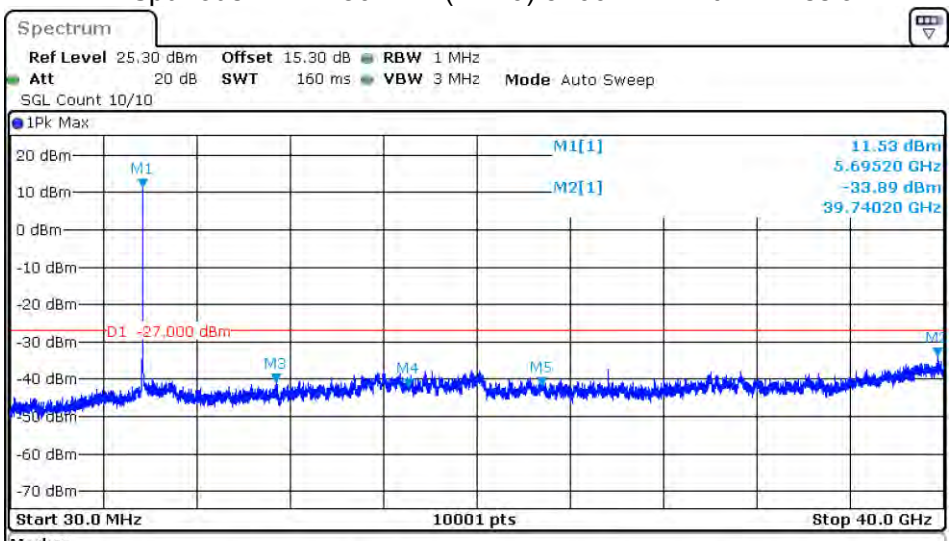
Tx. Spurious NVNT 802.11n(HT20) 5600MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.6033 GHz	11.87 dBm		
M2		1	39.70422 GHz	-34.54 dBm		
M3		1	11.2 GHz	-42.81 dBm		
M4		1	16.8 GHz	-41.32 dBm		
M5		1	22.4 GHz	-41.47 dBm		

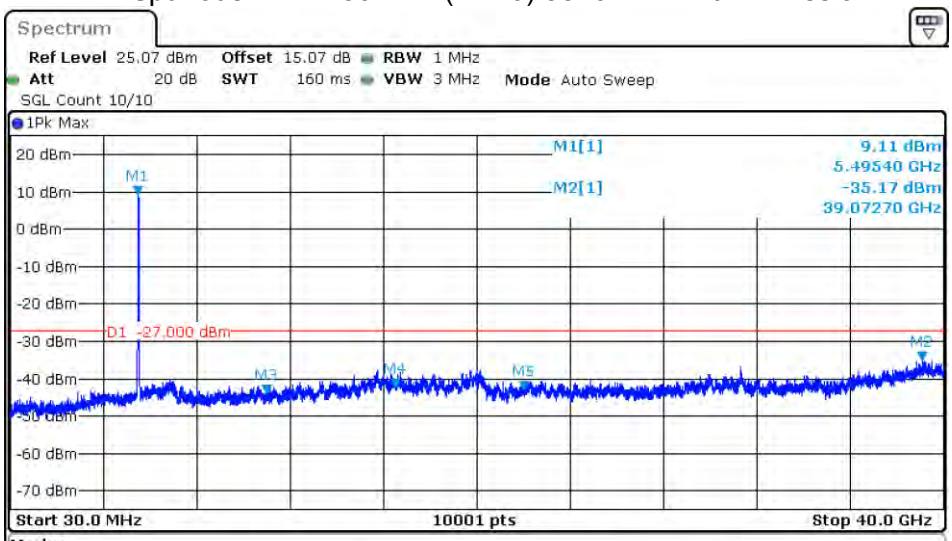
Tx. Spurious NVNT 802.11n(HT20) 5700MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.6952 GHz	11.53 dBm		
M2		1	39.74019 GHz	-33.89 dBm		
M3		1	11.4 GHz	-40.74 dBm		
M4		1	17.1 GHz	-42.08 dBm		
M5		1	22.8 GHz	-41.91 dBm		

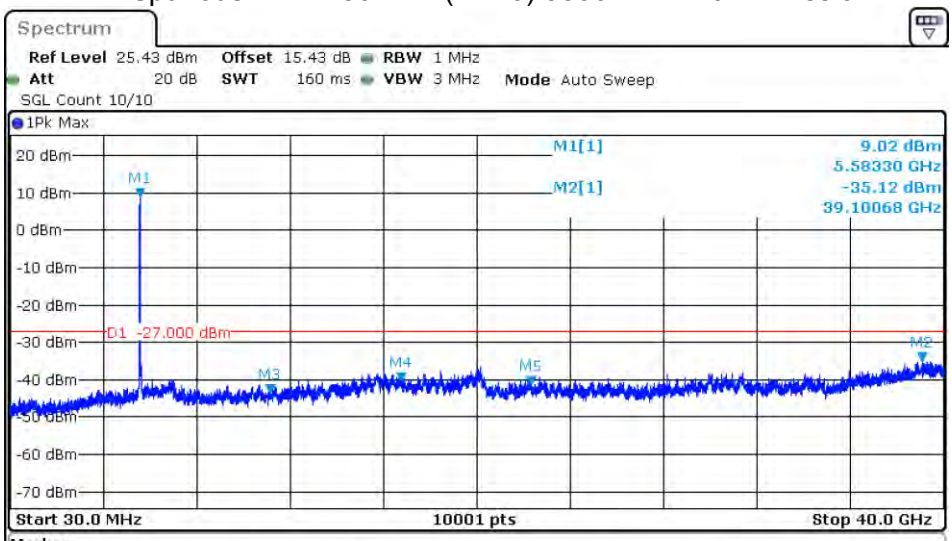
Tx. Spurious NVNT 802.11n(HT40) 5510MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.4954 GHz	9.11 dBm		
M2		1	39.0727 GHz	-35.17 dBm		
M3		1	11.02 GHz	-43.92 dBm		
M4		1	16.53 GHz	-42.23 dBm		
M5		1	22.04 GHz	-43.09 dBm		

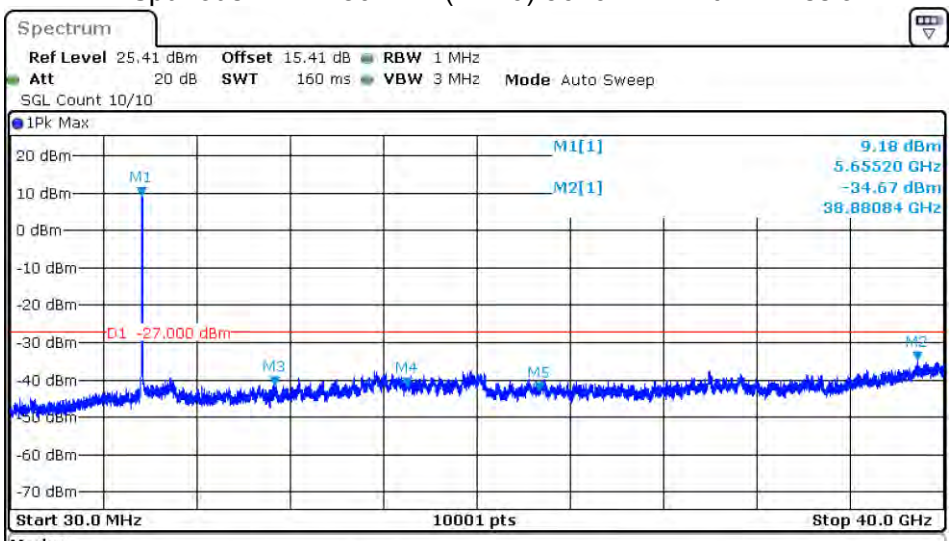
Tx. Spurious NVNT 802.11n(HT40) 5590MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.5833 GHz	9.02 dBm		
M2		1	39.10068 GHz	-35.12 dBm		
M3		1	11.18 GHz	-43.49 dBm		
M4		1	16.77 GHz	-40.51 dBm		
M5		1	22.36 GHz	-41.32 dBm		

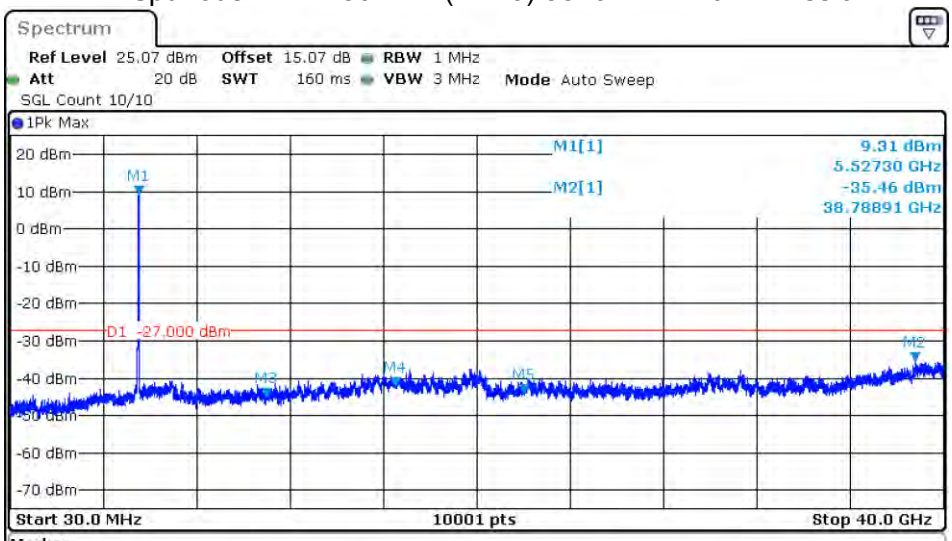
Tx. Spurious NVNT 802.11n(HT40) 5670MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.6552 GHz	9.18 dBm		
M2		1	38.88084 GHz	-34.67 dBm		
M3		1	11.34 GHz	-41.36 dBm		
M4		1	17.01 GHz	-41.58 dBm		
M5		1	22.68 GHz	-42.96 dBm		

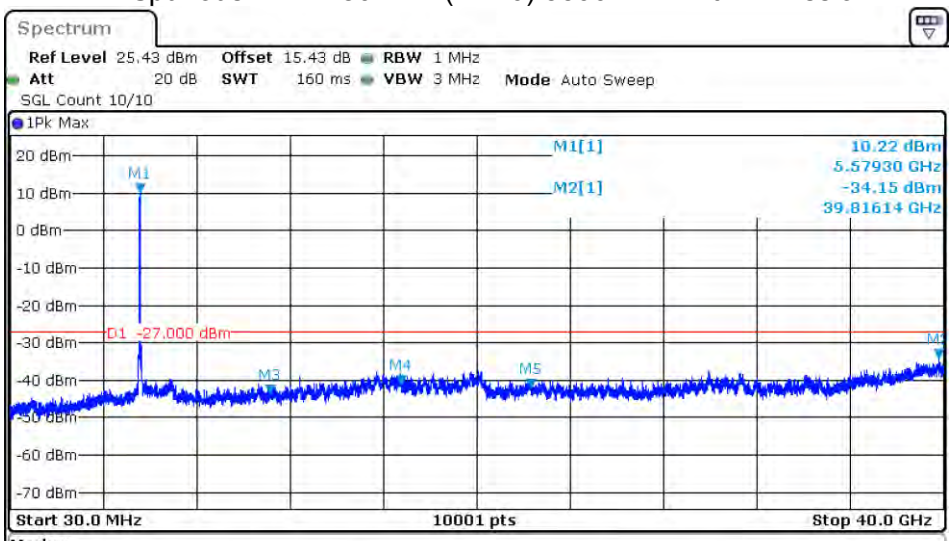
Tx. Spurious NVNT 802.11n(HT40) 5510MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.5273 GHz	9.31 dBm		
M2		1	38.78891 GHz	-35.46 dBm		
M3		1	11.02 GHz	-44.78 dBm		
M4		1	16.53 GHz	-42.12 dBm		
M5		1	22.04 GHz	-43.90 dBm		

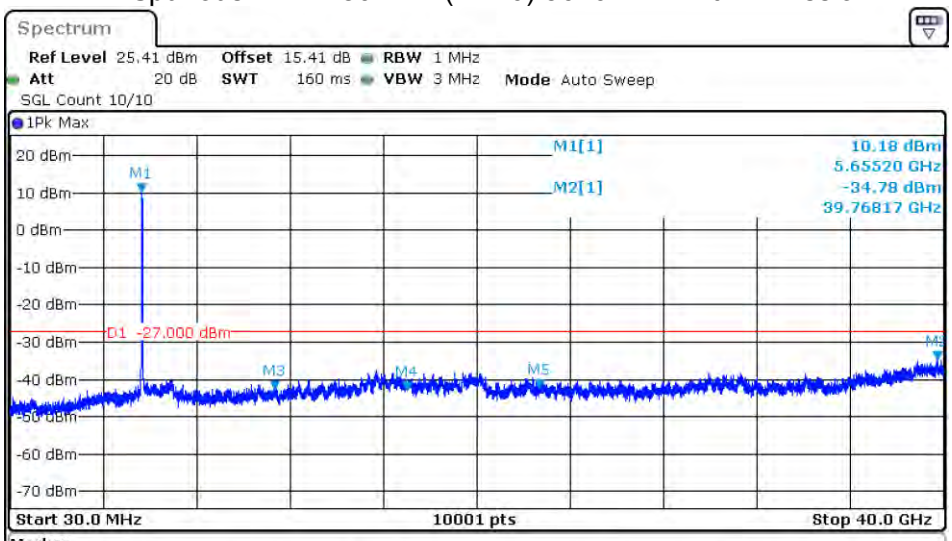
Tx. Spurious NVNT 802.11n(HT40) 5590MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.5793 GHz	10.22 dBm		
M2		1	39.81614 GHz	-34.15 dBm		
M3		1	11.18 GHz	-43.54 dBm		
M4		1	16.77 GHz	-40.92 dBm		
M5		1	22.36 GHz	-41.92 dBm		

Tx. Spurious NVNT 802.11n(HT40) 5670MHz Ant 2 Emission



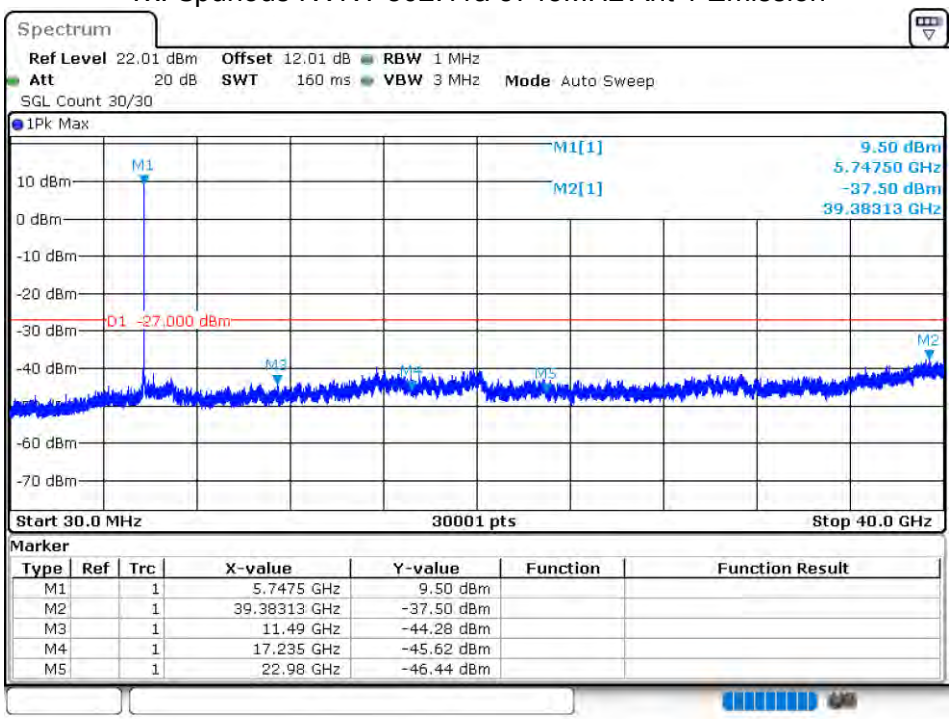
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.6552 GHz	10.18 dBm		
M2		1	39.76817 GHz	-34.78 dBm		
M3		1	11.34 GHz	-42.59 dBm		
M4		1	17.01 GHz	-42.79 dBm		
M5		1	22.68 GHz	-42.43 dBm		

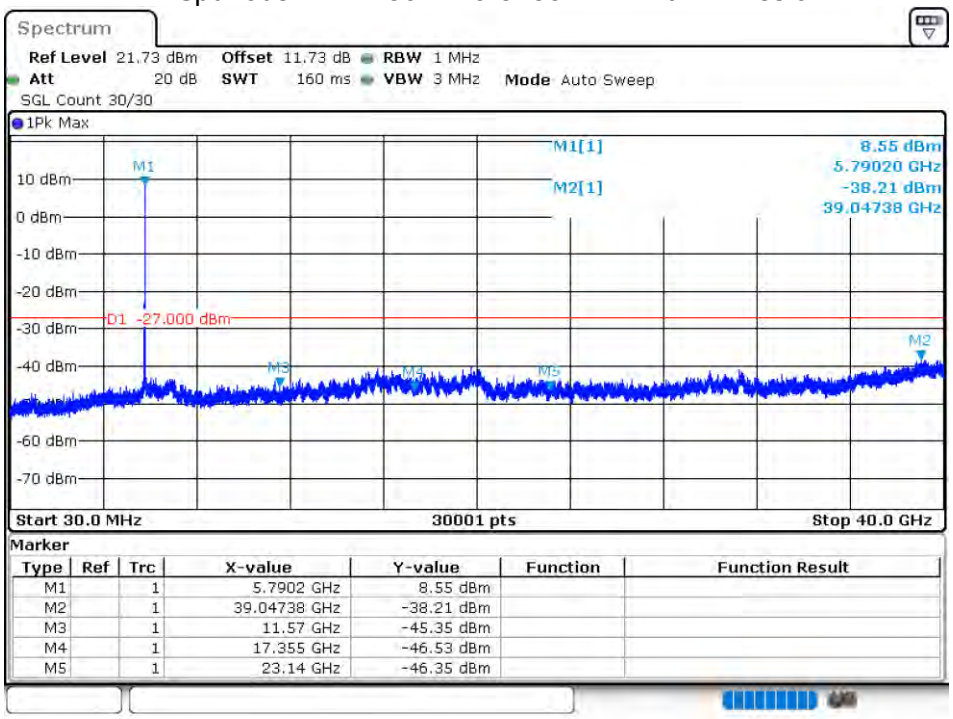
5.8G:

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11a	5745	Ant 1	-37.49	-27	Pass
NVNT	802.11a	5785	Ant 1	-38.21	-27	Pass
NVNT	802.11a	5825	Ant 1	-38.26	-27	Pass
NVNT	802.11a	5745	Ant 2	-36.98	-27	Pass
NVNT	802.11a	5785	Ant 2	-38.06	-27	Pass
NVNT	802.11a	5825	Ant 2	-38.24	-27	Pass
NVNT	802.11ac20	5745	Ant 1	-38.02	-27	Pass
NVNT	802.11ac20	5785	Ant 1	-37.48	-27	Pass
NVNT	802.11ac20	5825	Ant 1	-36.7	-27	Pass
NVNT	802.11ac20	5745	Ant 2	-37.39	-27	Pass
NVNT	802.11ac20	5785	Ant 2	-37.76	-27	Pass
NVNT	802.11ac20	5825	Ant 2	-37.46	-27	Pass
NVNT	802.11ac40	5755	Ant 1	-38.23	-27	Pass
NVNT	802.11ac40	5795	Ant 1	-37.58	-27	Pass
NVNT	802.11ac40	5755	Ant 2	-38.2	-27	Pass
NVNT	802.11ac40	5795	Ant 2	-37.49	-27	Pass
NVNT	802.11ac80	5775	Ant 1	-37.27	-27	Pass
NVNT	802.11ac80	5775	Ant 2	-37.34	-27	Pass
NVNT	802.11n(HT20)	5745	Ant 1	-38.27	-27	Pass
NVNT	802.11n(HT20)	5785	Ant 1	-38.59	-27	Pass
NVNT	802.11n(HT20)	5825	Ant 1	-37.41	-27	Pass
NVNT	802.11n(HT20)	5745	Ant 2	-37.12	-27	Pass
NVNT	802.11n(HT20)	5785	Ant 2	-38.07	-27	Pass
NVNT	802.11n(HT20)	5825	Ant 2	-37.42	-27	Pass
NVNT	802.11n(HT40)	5755	Ant 1	-37.45	-27	Pass
NVNT	802.11n(HT40)	5795	Ant 1	-37.48	-27	Pass
NVNT	802.11n(HT40)	5755	Ant 2	-38.2	-27	Pass
NVNT	802.11n(HT40)	5795	Ant 2	-38.21	-27	Pass

Tx. Spurious NVNT 802.11a 5745MHz Ant 1 Emission



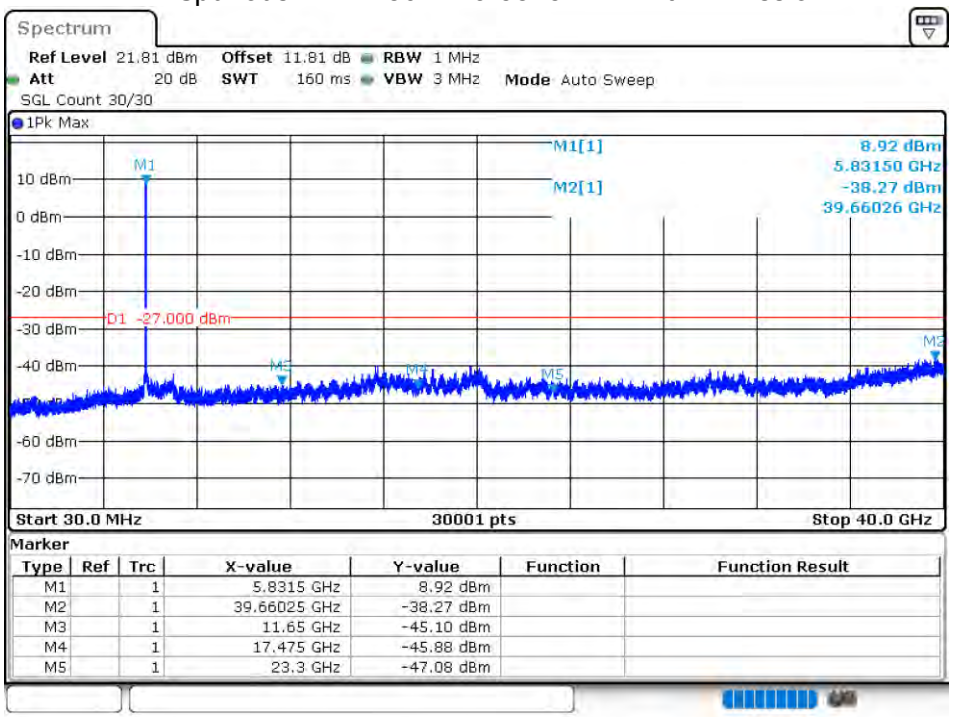
Tx. Spurious NVNT 802.11a 5785MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7902 GHz	8.55 dBm		
M2		1	39.04738 GHz	-38.21 dBm		
M3		1	11.57 GHz	-45.35 dBm		
M4		1	17.355 GHz	-46.53 dBm		
M5		1	23.14 GHz	-46.35 dBm		

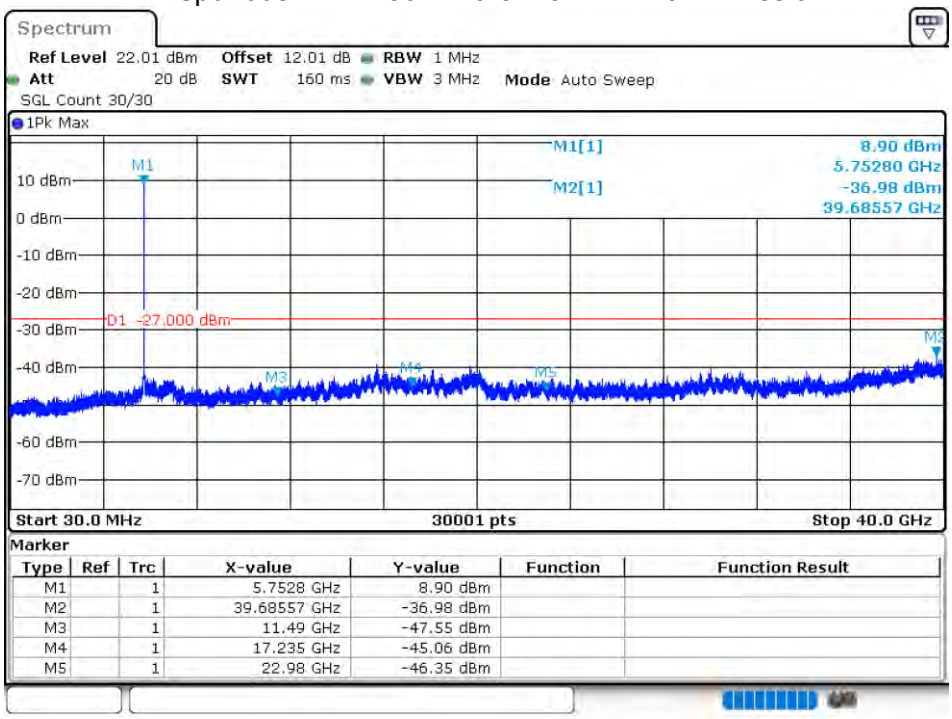
Tx. Spurious NVNT 802.11a 5825MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8315 GHz	8.92 dBm		
M2		1	39.66025 GHz	-38.27 dBm		
M3		1	11.65 GHz	-45.10 dBm		
M4		1	17.475 GHz	-45.88 dBm		
M5		1	23.3 GHz	-47.08 dBm		

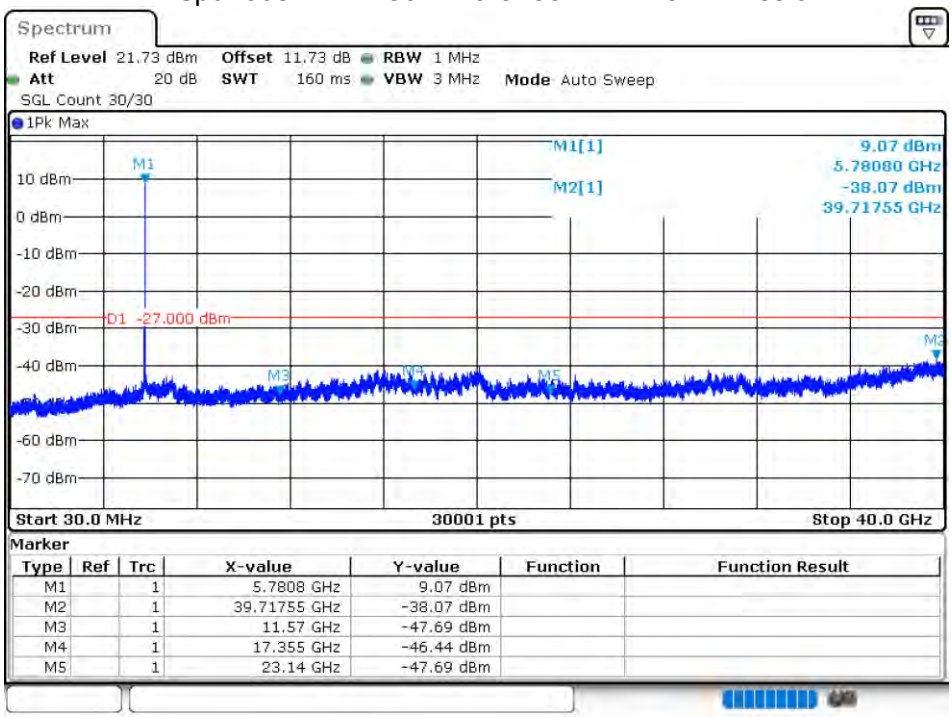
Tx. Spurious NVNT 802.11a 5745MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7528 GHz	8.90 dBm		
M2		1	39.68557 GHz	-36.98 dBm		
M3		1	11.49 GHz	-47.55 dBm		
M4		1	17.235 GHz	-45.06 dBm		
M5		1	22.98 GHz	-46.35 dBm		

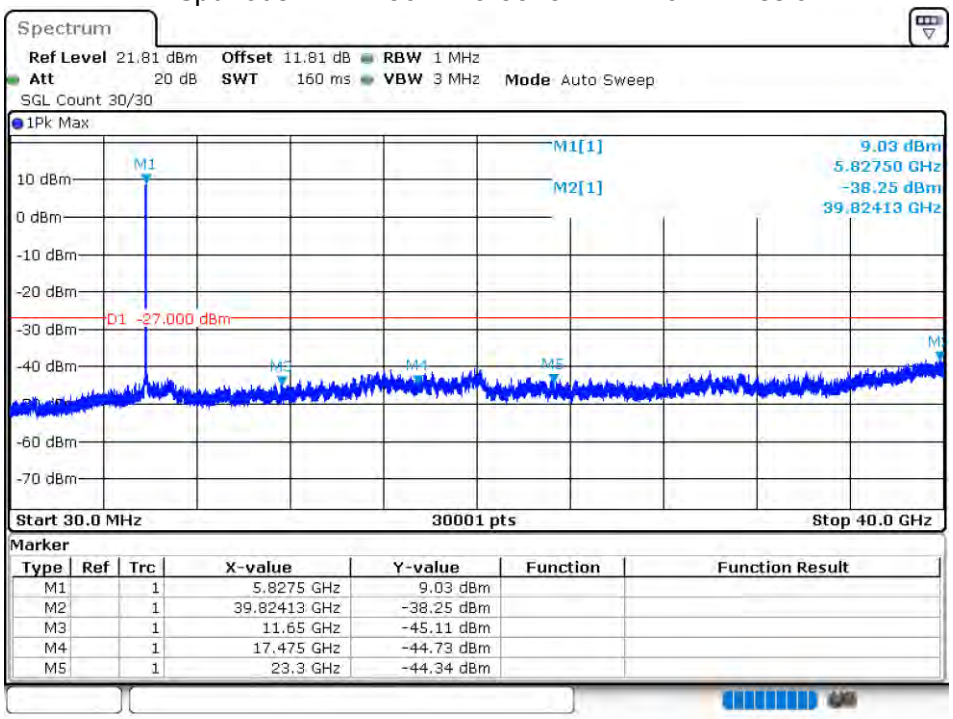
Tx. Spurious NVNT 802.11a 5785MHz Ant 2 Emission



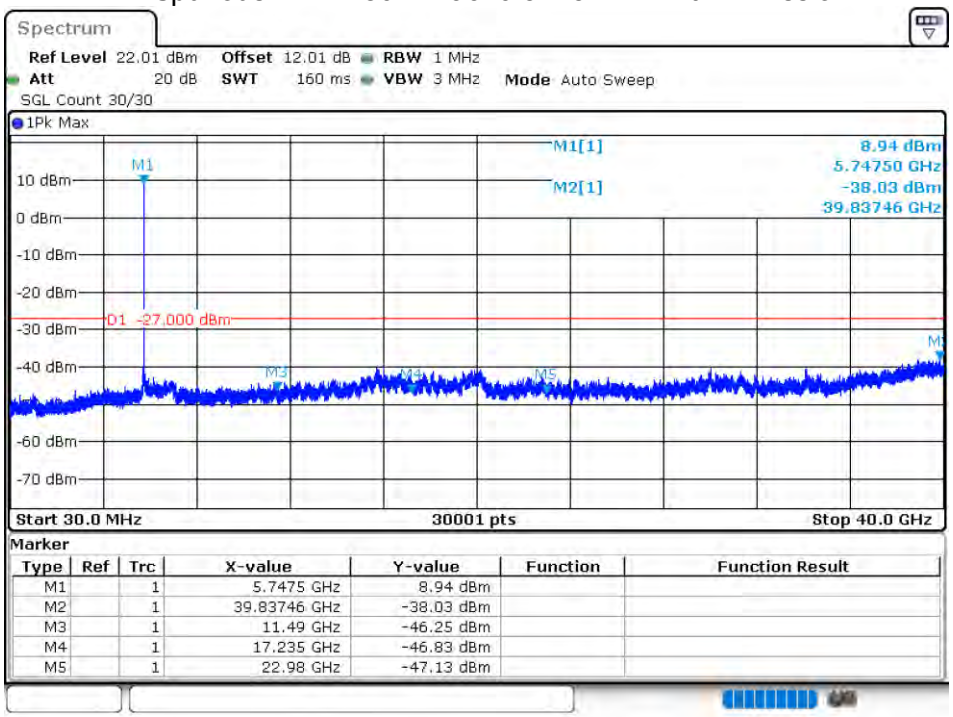
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7808 GHz	9.07 dBm		
M2		1	39.71755 GHz	-38.07 dBm		
M3		1	11.57 GHz	-47.69 dBm		
M4		1	17.355 GHz	-46.44 dBm		
M5		1	23.14 GHz	-47.69 dBm		

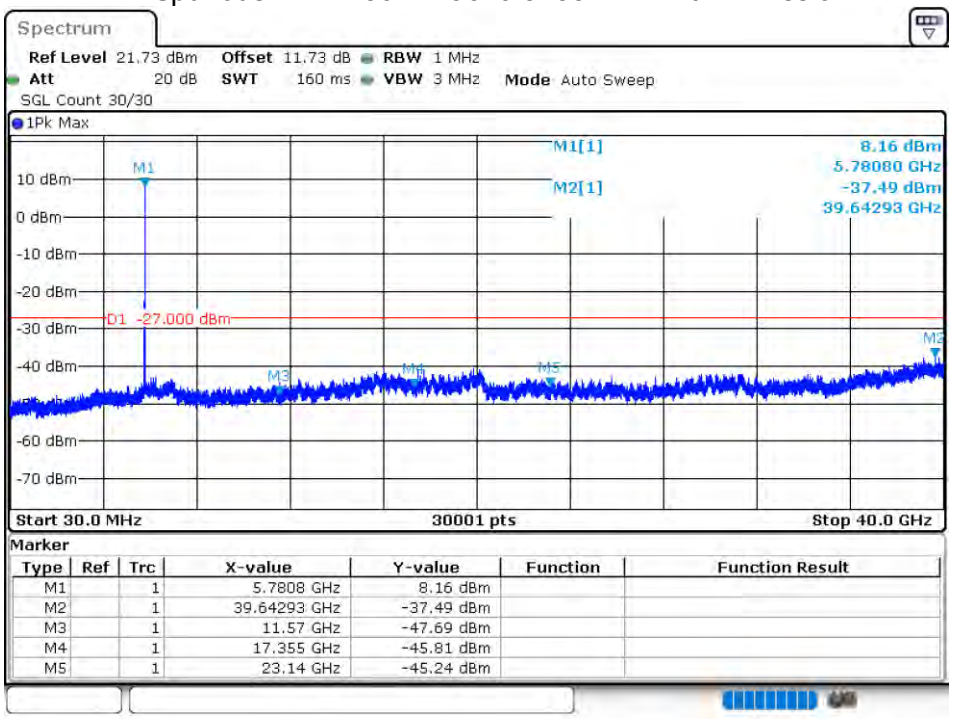
Tx. Spurious NVNT 802.11a 5825MHz Ant 2 Emission



Tx. Spurious NVNT 802.11ac20 5745MHz Ant 1 Emission



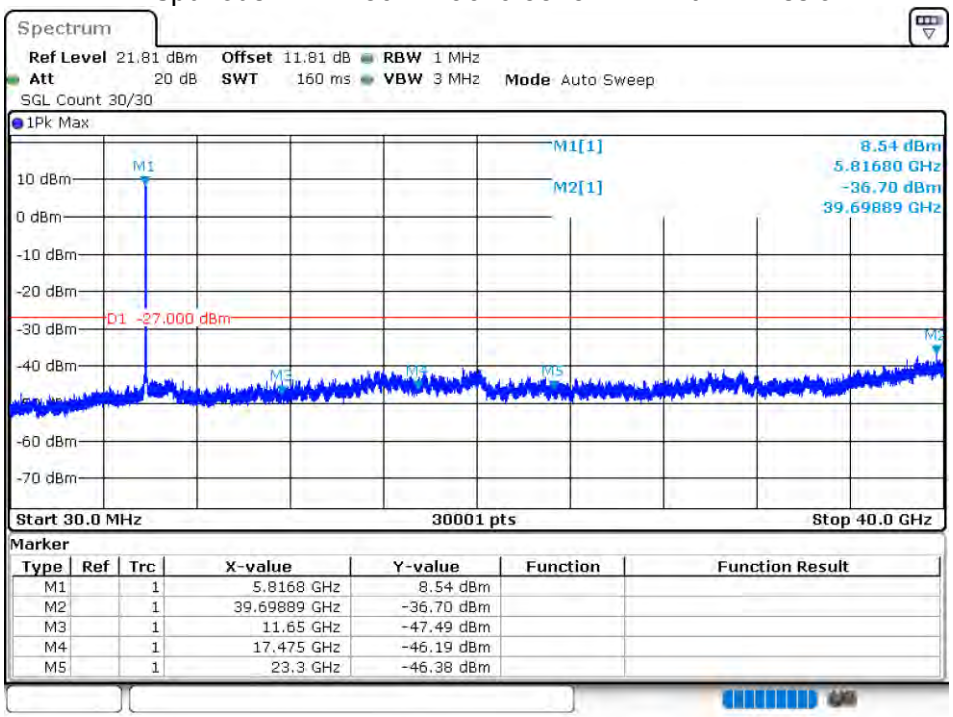
Tx. Spurious NVNT 802.11ac20 5785MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7808 GHz	8.16 dBm		
M2		1	39.64293 GHz	-37.49 dBm		
M3		1	11.57 GHz	-47.69 dBm		
M4		1	17.355 GHz	-45.81 dBm		
M5		1	23.14 GHz	-45.24 dBm		

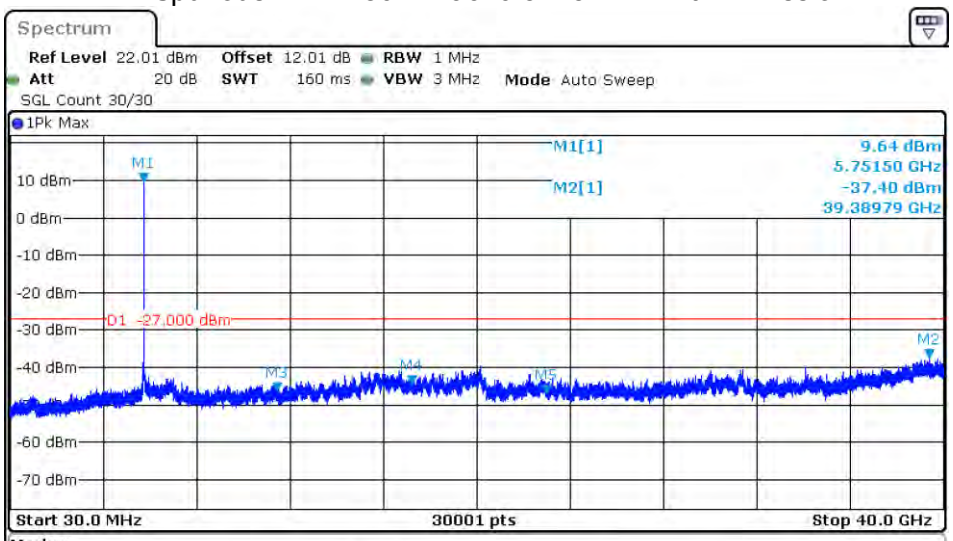
Tx. Spurious NVNT 802.11ac20 5825MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8168 GHz	8.54 dBm		
M2		1	39.69889 GHz	-36.70 dBm		
M3		1	11.65 GHz	-47.49 dBm		
M4		1	17.475 GHz	-46.19 dBm		
M5		1	23.3 GHz	-46.38 dBm		

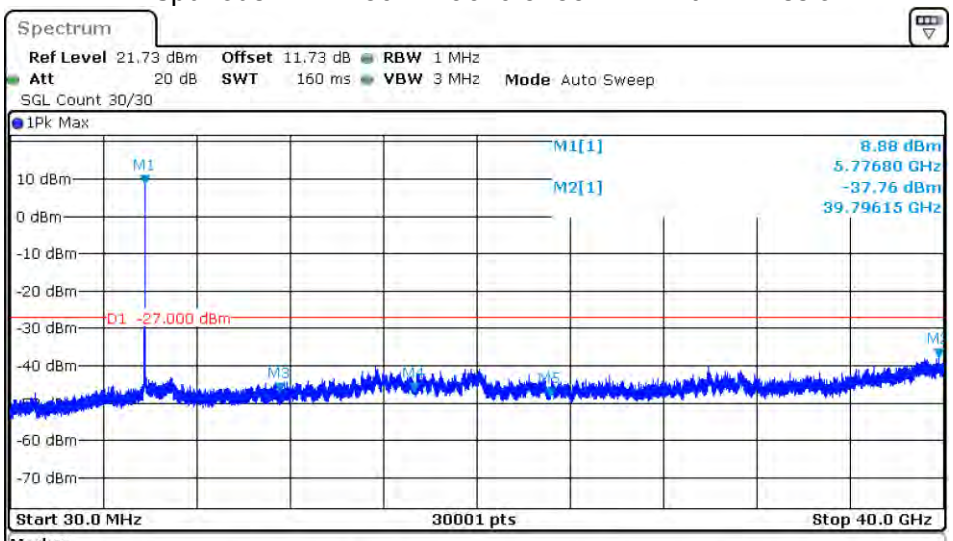
Tx. Spurious NVNT 802.11ac20 5745MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7515 GHz	9.64 dBm		
M2		1	39.38979 GHz	-37.40 dBm		
M3		1	11.49 GHz	-46.36 dBm		
M4		1	17.235 GHz	-44.57 dBm		
M5		1	22.98 GHz	-47.08 dBm		

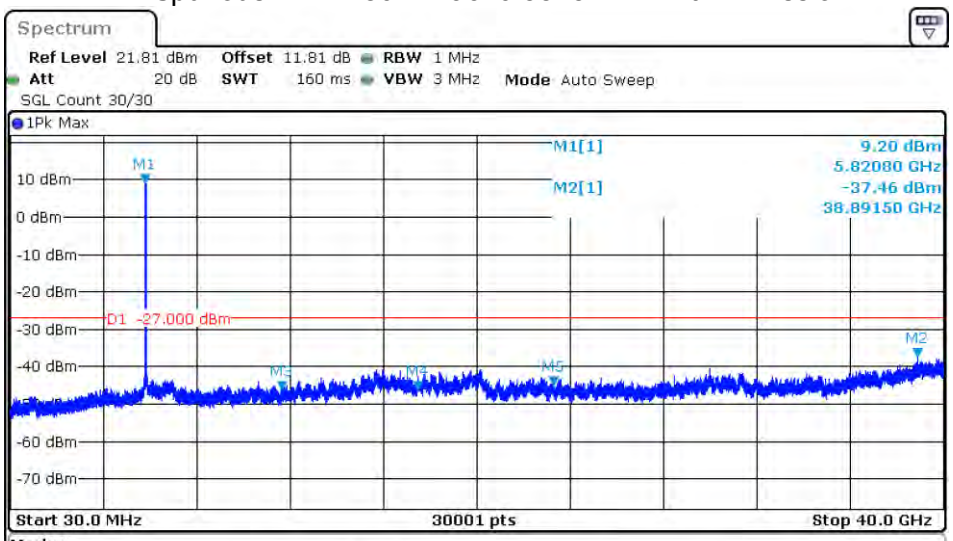
Tx. Spurious NVNT 802.11ac20 5785MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7768 GHz	8.88 dBm		
M2		1	39.79615 GHz	-37.76 dBm		
M3		1	11.57 GHz	-47.10 dBm		
M4		1	17.355 GHz	-47.04 dBm		
M5		1	23.14 GHz	-48.28 dBm		

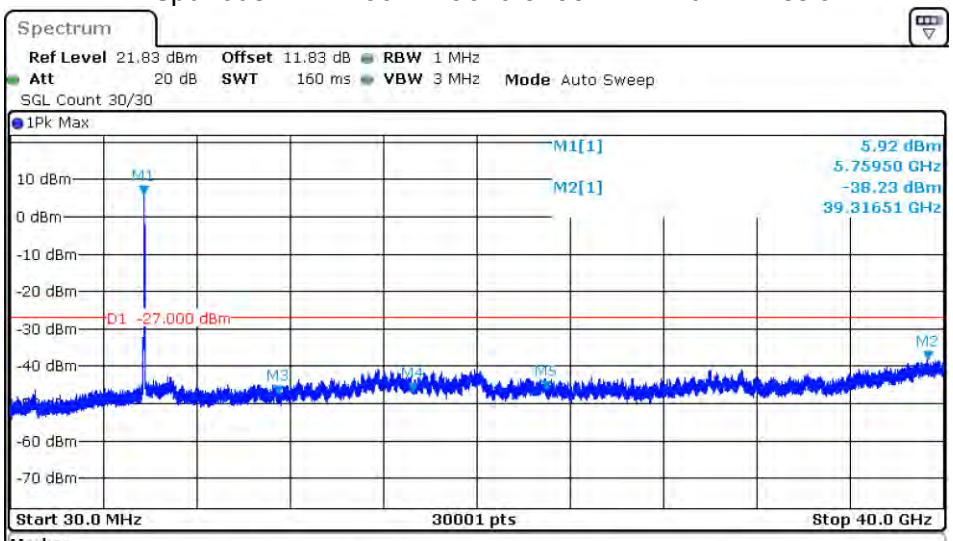
Tx. Spurious NVNT 802.11ac20 5825MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8208 GHz	9.20 dBm		
M2		1	38.8915 GHz	-37.46 dBm		
M3		1	11.65 GHz	-46.11 dBm		
M4		1	17.475 GHz	-46.30 dBm		
M5		1	23.3 GHz	-45.03 dBm		

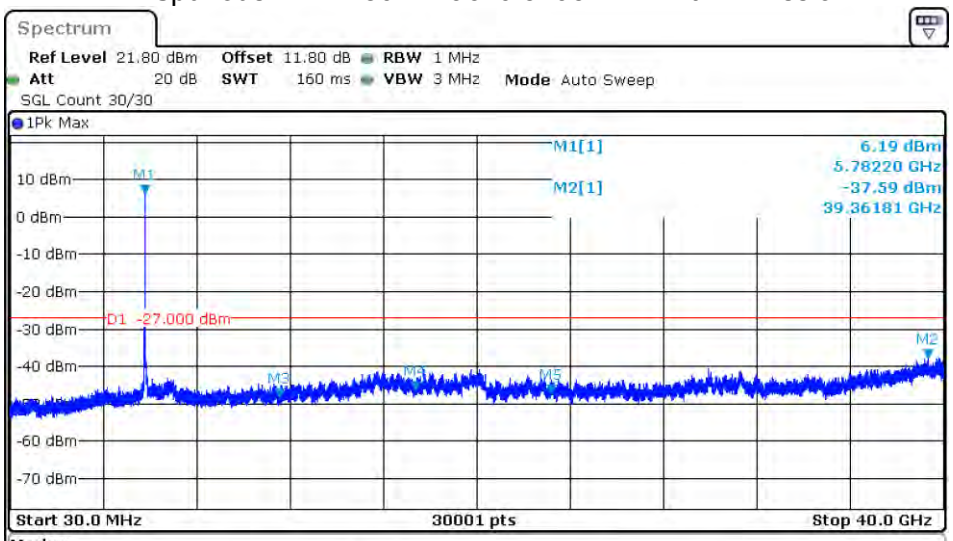
Tx. Spurious NVNT 802.11ac40 5755MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7595 GHz	5.92 dBm		
M2		1	39.31651 GHz	-38.23 dBm		
M3		1	11.51 GHz	-47.47 dBm		
M4		1	17.265 GHz	-46.99 dBm		
M5		1	23.02 GHz	-46.34 dBm		

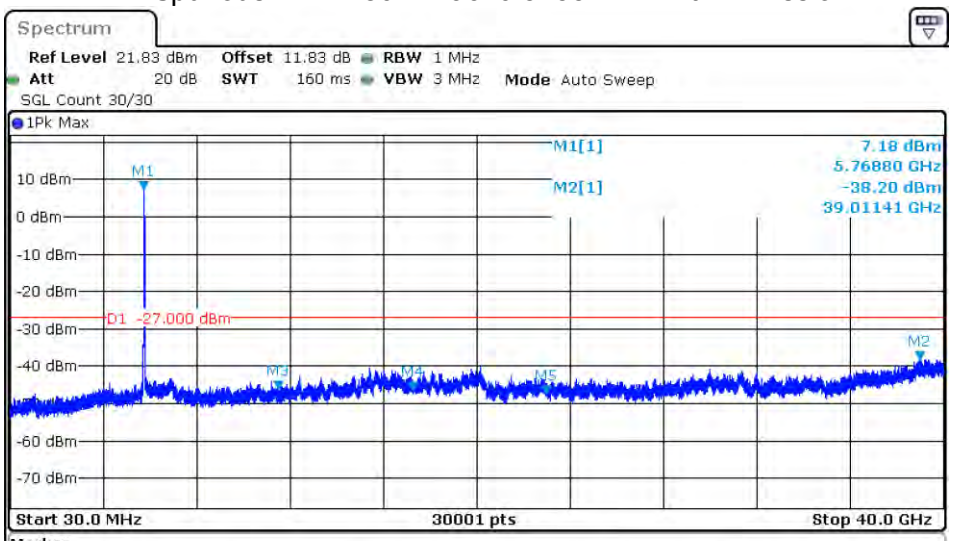
Tx. Spurious NVNT 802.11ac40 5795MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7822 GHz	6.19 dBm		
M2		1	39.36181 GHz	-37.59 dBm		
M3		1	11.59 GHz	-47.98 dBm		
M4		1	17.385 GHz	-46.29 dBm		
M5		1	23.18 GHz	-47.15 dBm		

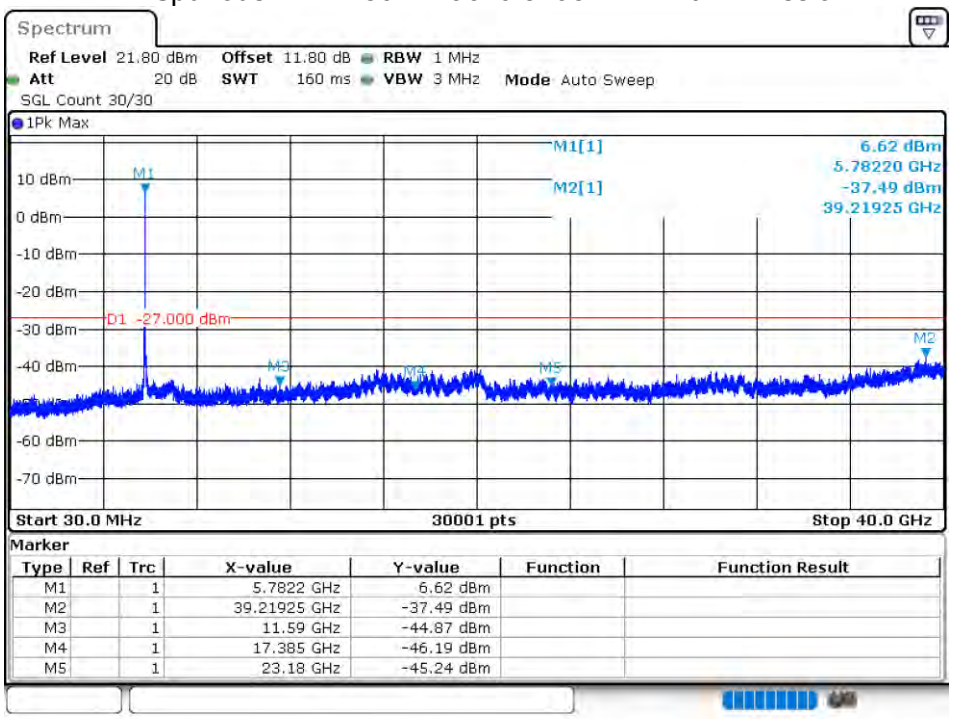
Tx. Spurious NVNT 802.11ac40 5755MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7688 GHz	7.18 dBm		
M2		1	39.01141 GHz	-38.20 dBm		
M3		1	11.51 GHz	-46.23 dBm		
M4		1	17.265 GHz	-46.57 dBm		
M5		1	23.02 GHz	-47.63 dBm		

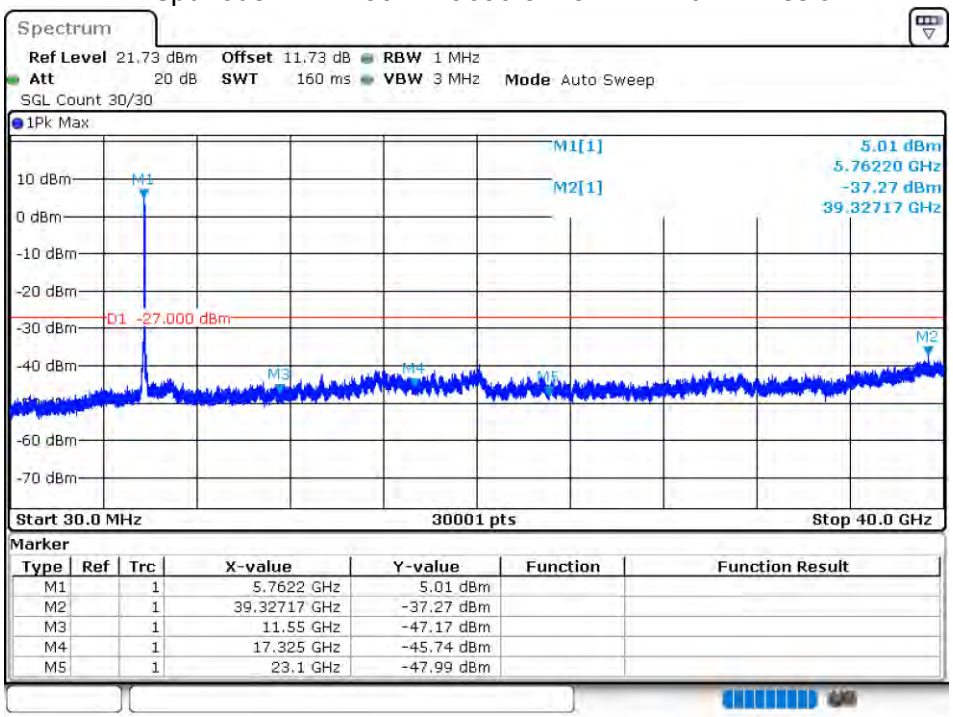
Tx. Spurious NVNT 802.11ac40 5795MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7822 GHz	6.62 dBm		
M2		1	39.21925 GHz	-37.49 dBm		
M3		1	11.59 GHz	-44.87 dBm		
M4		1	17.385 GHz	-46.19 dBm		
M5		1	23.18 GHz	-45.24 dBm		

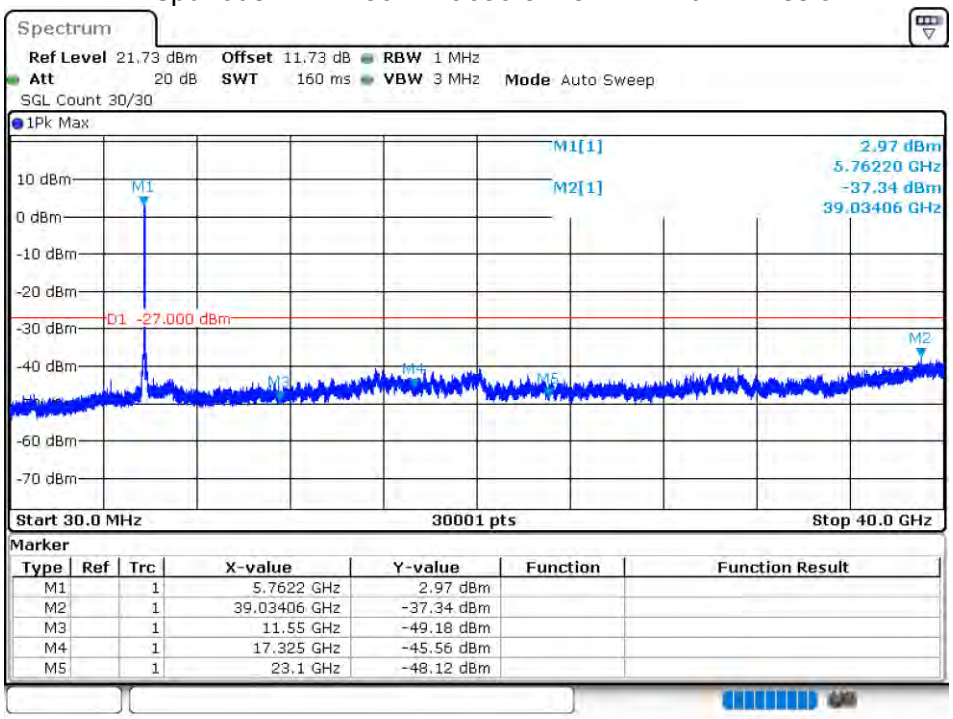
Tx. Spurious NVNT 802.11ac80 5775MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7622 GHz	5.01 dBm		
M2		1	39.32717 GHz	-37.27 dBm		
M3		1	11.55 GHz	-47.17 dBm		
M4		1	17.325 GHz	-45.74 dBm		
M5		1	23.1 GHz	-47.99 dBm		

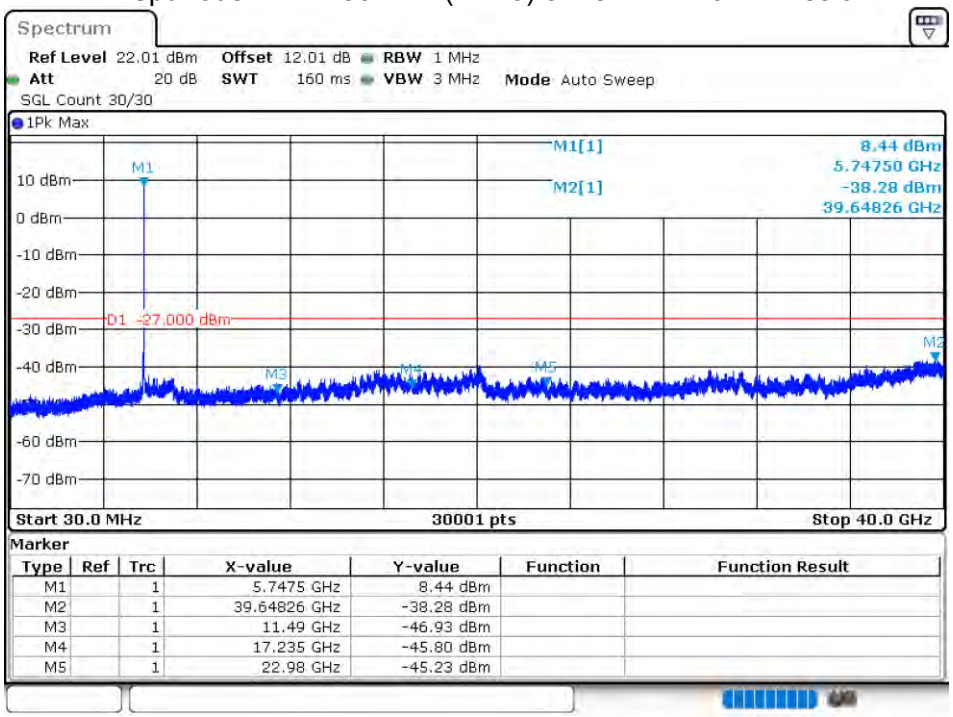
Tx. Spurious NVNT 802.11ac80 5775MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7622 GHz	2.97 dBm		
M2		1	39.03406 GHz	-37.34 dBm		
M3		1	11.55 GHz	-49.18 dBm		
M4		1	17.325 GHz	-45.56 dBm		
M5		1	23.1 GHz	-48.12 dBm		

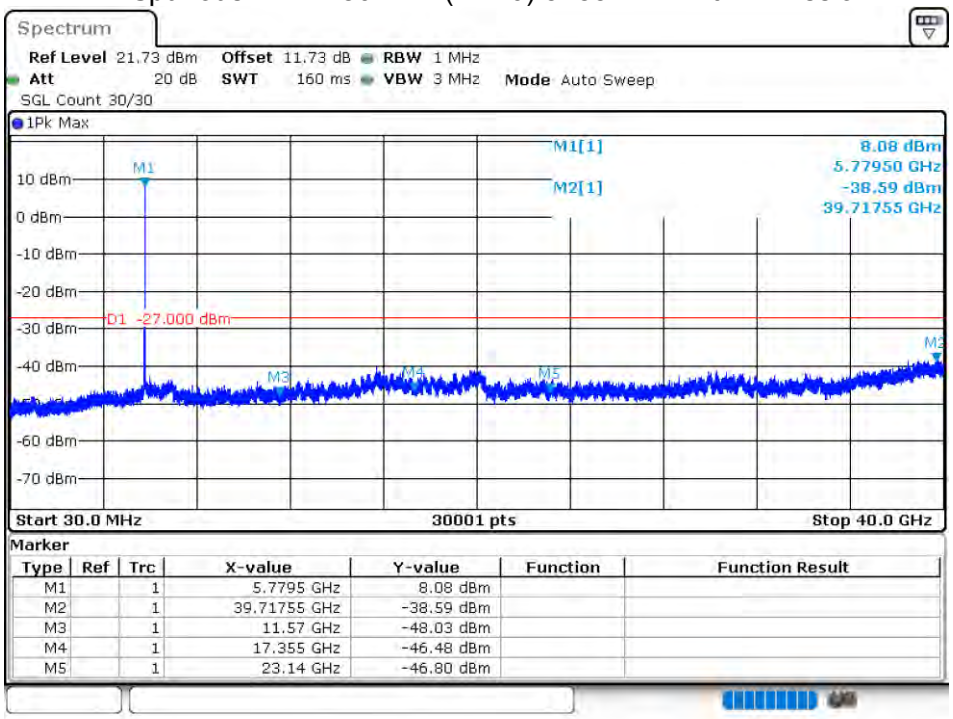
Tx. Spurious NVNT 802.11n(HT20) 5745MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7475 GHz	8.44 dBm		
M2		1	39.64826 GHz	-38.28 dBm		
M3		1	11.49 GHz	-46.93 dBm		
M4		1	17.235 GHz	-45.80 dBm		
M5		1	22.98 GHz	-45.23 dBm		

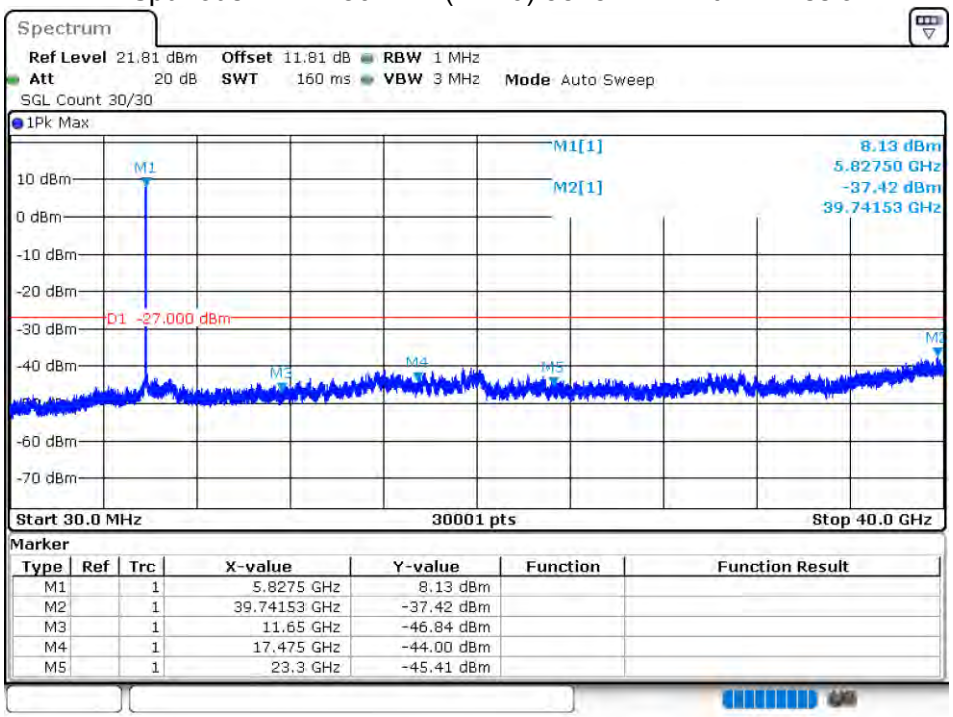
Tx. Spurious NVNT 802.11n(HT20) 5785MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7795 GHz	8.08 dBm		
M2		1	39.71755 GHz	-38.59 dBm		
M3		1	11.57 GHz	-48.03 dBm		
M4		1	17.355 GHz	-46.48 dBm		
M5		1	23.14 GHz	-46.80 dBm		

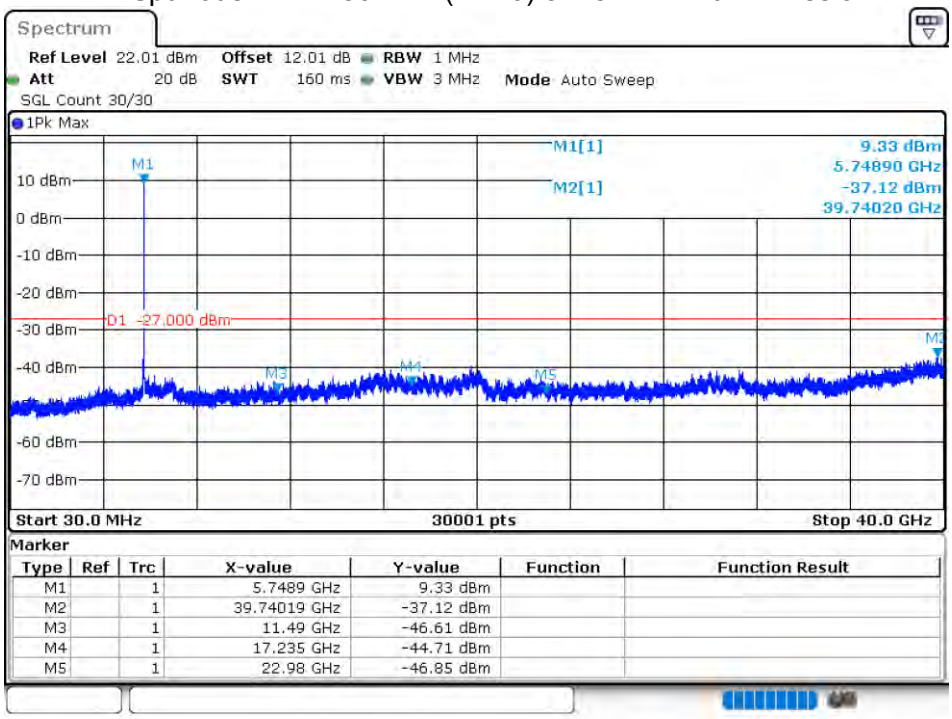
Tx. Spurious NVNT 802.11n(HT20) 5825MHz Ant 1 Emission



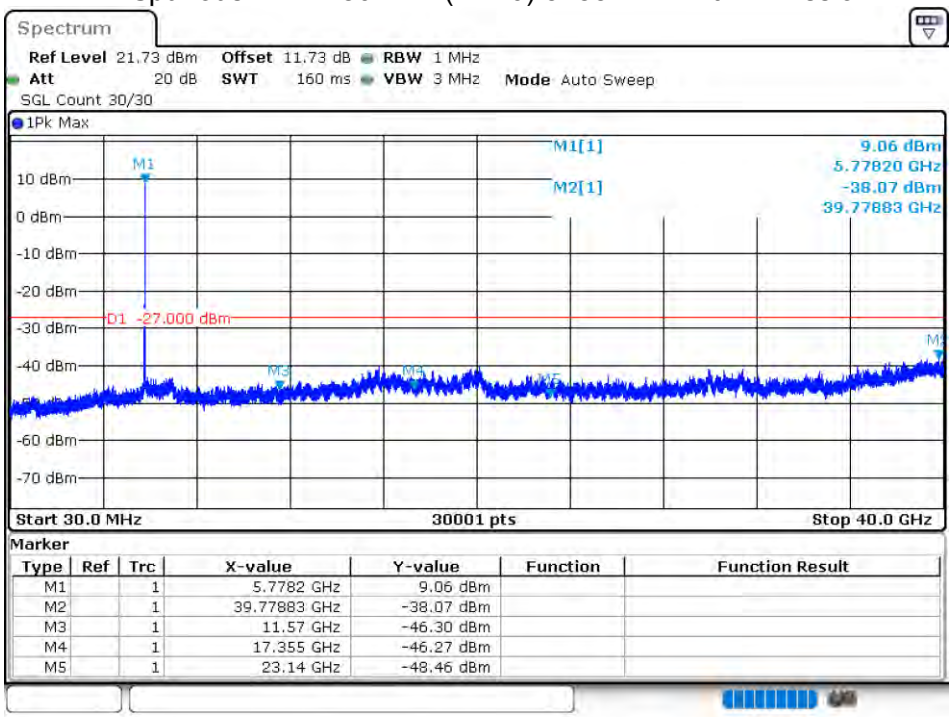
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8275 GHz	8.13 dBm		
M2		1	39.74153 GHz	-37.42 dBm		
M3		1	11.65 GHz	-46.84 dBm		
M4		1	17.475 GHz	-44.00 dBm		
M5		1	23.3 GHz	-45.41 dBm		

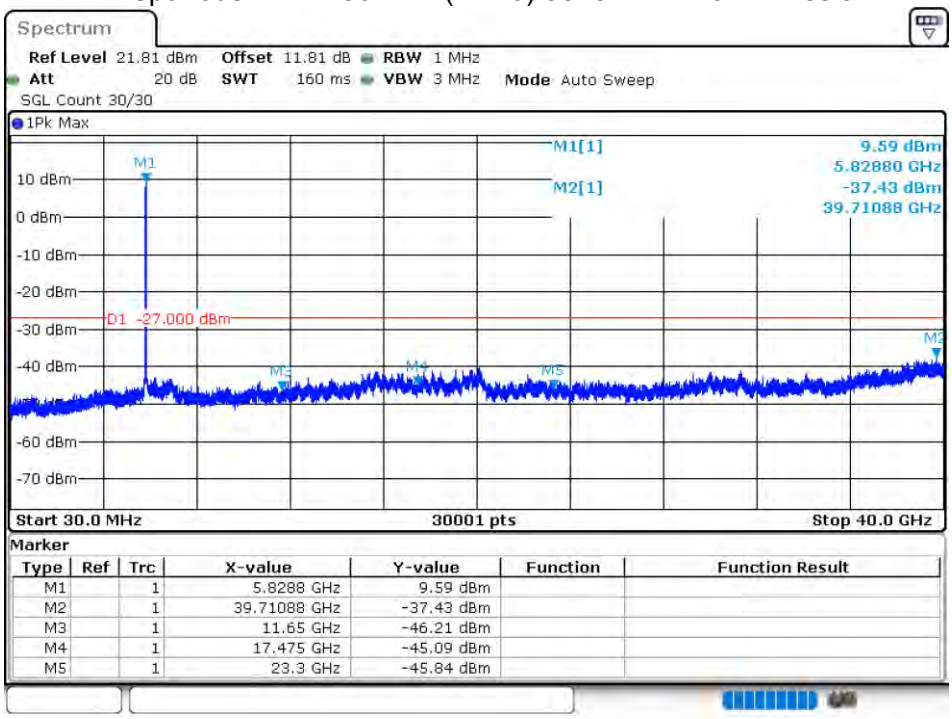
Tx. Spurious NVNT 802.11n(HT20) 5745MHz Ant 2 Emission



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



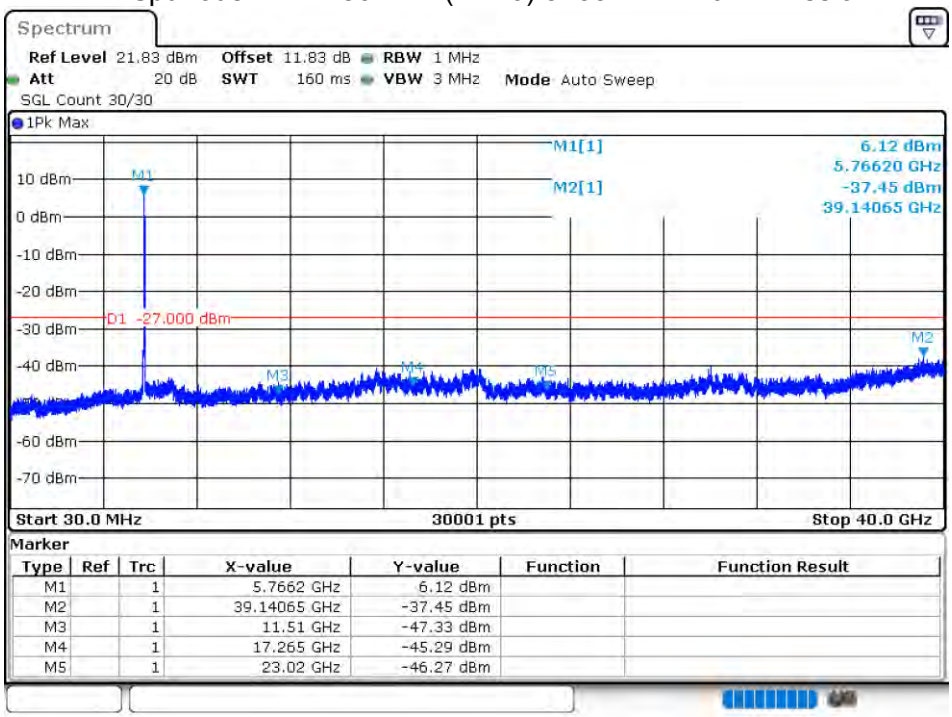
Tx. Spurious NVNT 802.11n(HT20) 5825MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.8288 GHz	9.59 dBm		
M2		1	39.71088 GHz	-37.43 dBm		
M3		1	11.65 GHz	-46.21 dBm		
M4		1	17.475 GHz	-45.09 dBm		
M5		1	23.3 GHz	-45.84 dBm		

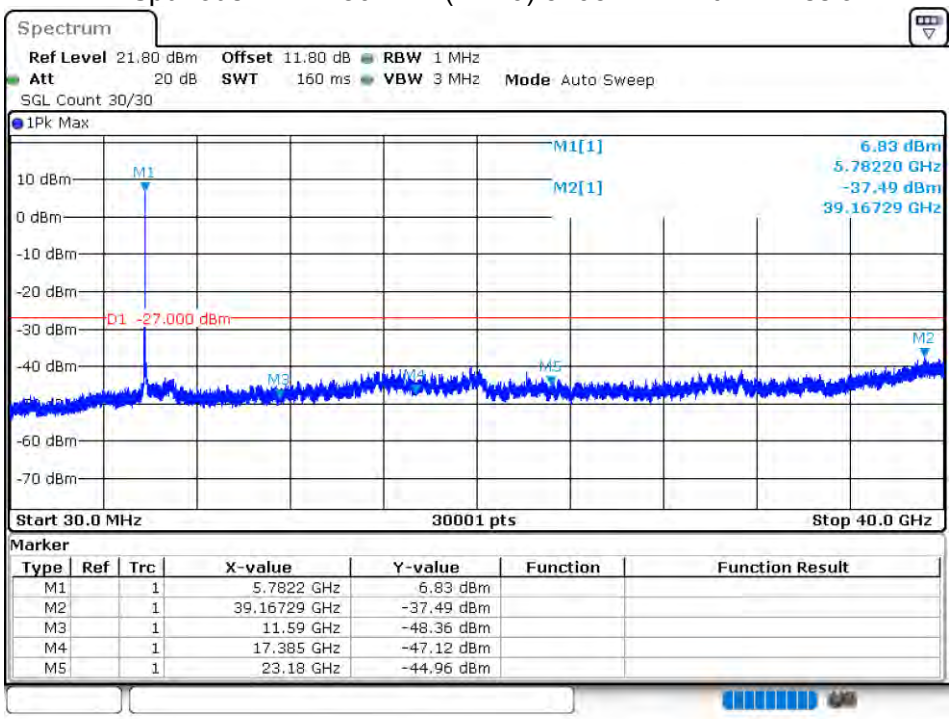
Tx. Spurious NVNT 802.11n(HT40) 5755MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7662 GHz	6.12 dBm		
M2		1	39.14065 GHz	-37.45 dBm		
M3		1	11.51 GHz	-47.33 dBm		
M4		1	17.265 GHz	-45.29 dBm		
M5		1	23.02 GHz	-46.27 dBm		

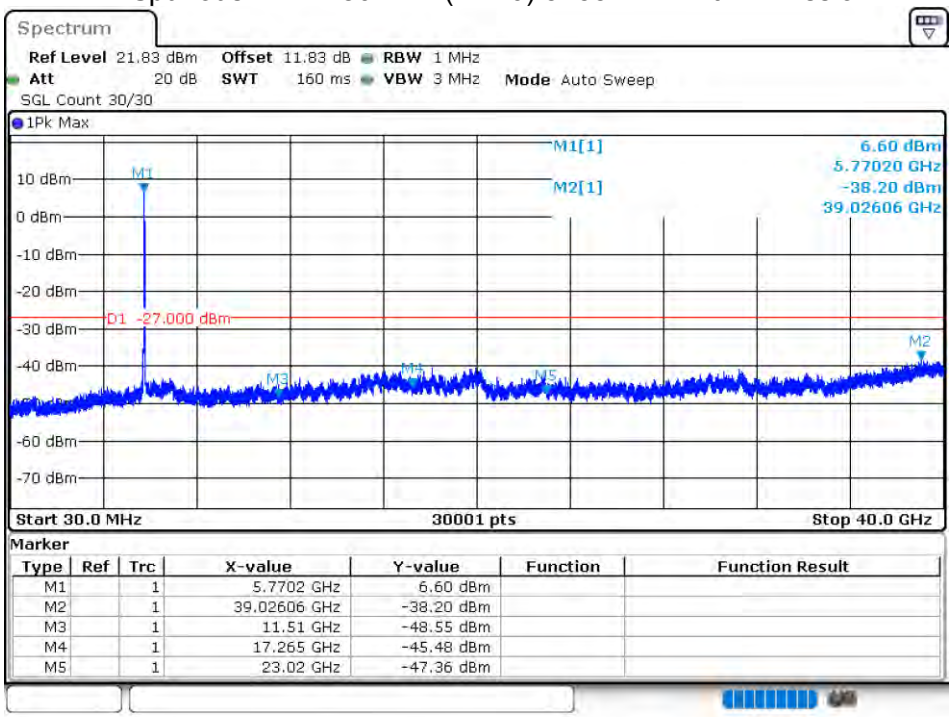
Tx. Spurious NVNT 802.11n(HT40) 5795MHz Ant 1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7822 GHz	6.83 dBm		
M2		1	39.16729 GHz	-37.49 dBm		
M3		1	11.59 GHz	-48.36 dBm		
M4		1	17.385 GHz	-47.12 dBm		
M5		1	23.18 GHz	-44.96 dBm		

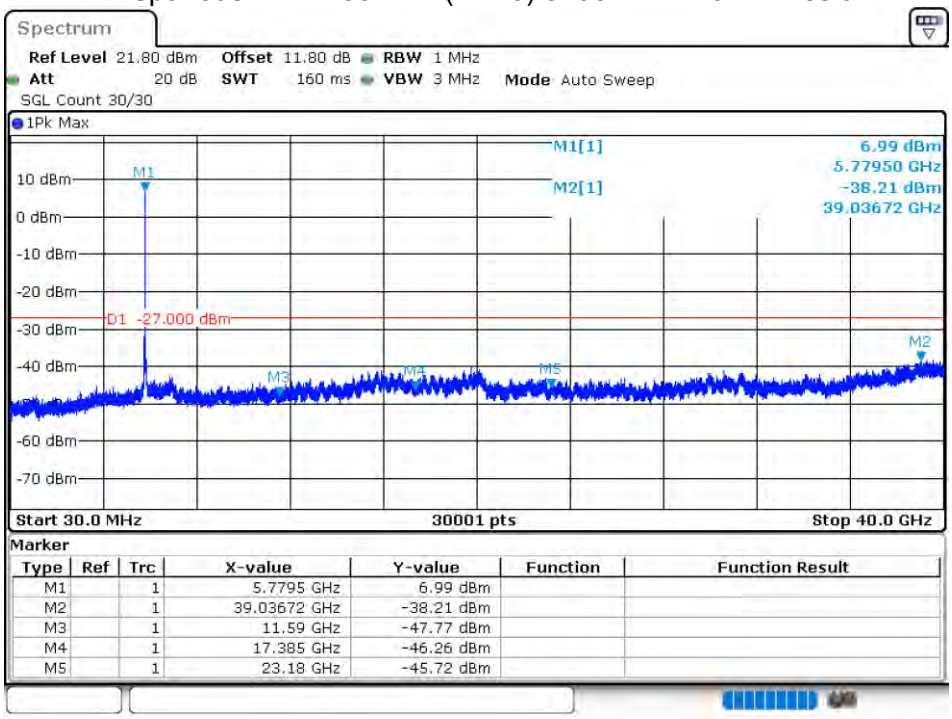
Tx. Spurious NVNT 802.11n(HT40) 5755MHz Ant 2 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7702 GHz	6.60 dBm		
M2		1	39.02606 GHz	-38.20 dBm		
M3		1	11.51 GHz	-48.55 dBm		
M4		1	17.265 GHz	-45.48 dBm		
M5		1	23.02 GHz	-47.36 dBm		

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



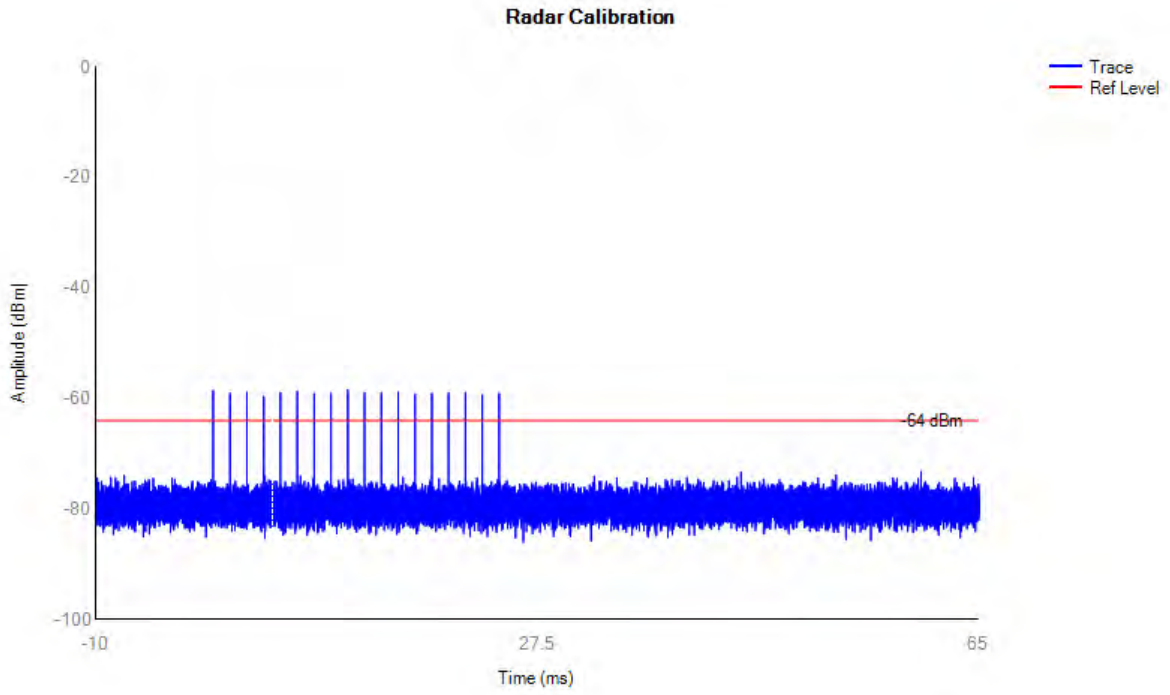
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.7795 GHz	6.99 dBm		
M2		1	39.03672 GHz	-38.21 dBm		
M3		1	11.59 GHz	-47.77 dBm		
M4		1	17.385 GHz	-46.26 dBm		
M5		1	23.18 GHz	-45.72 dBm		

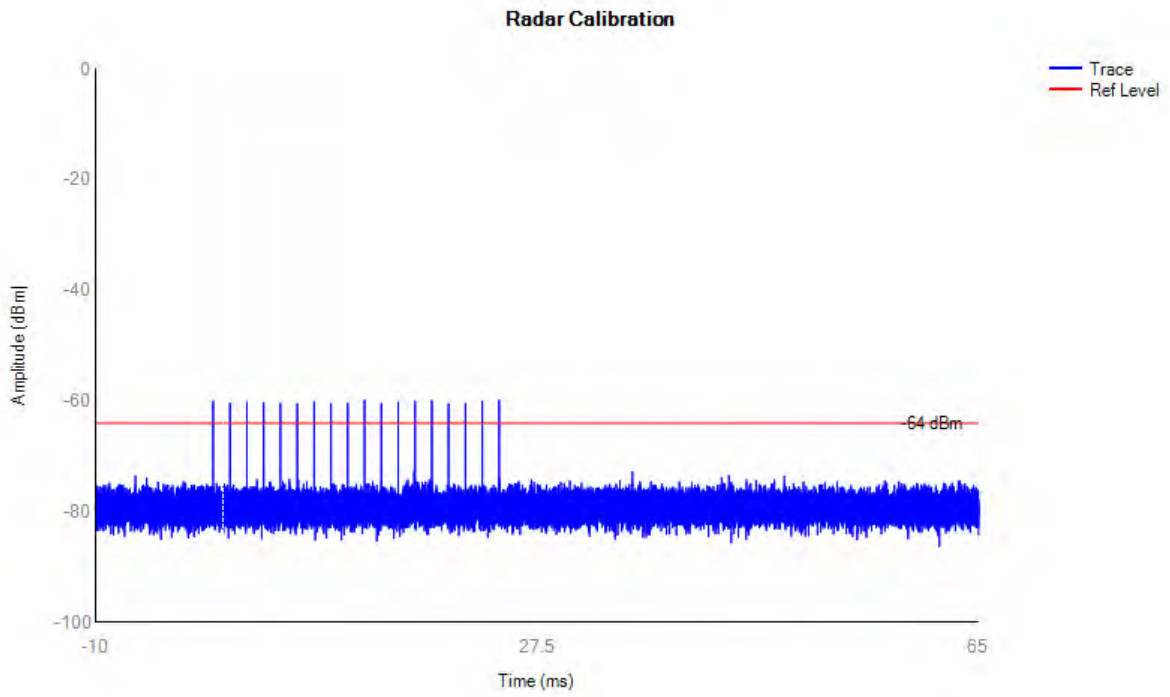
13.8 DFS

Calibration

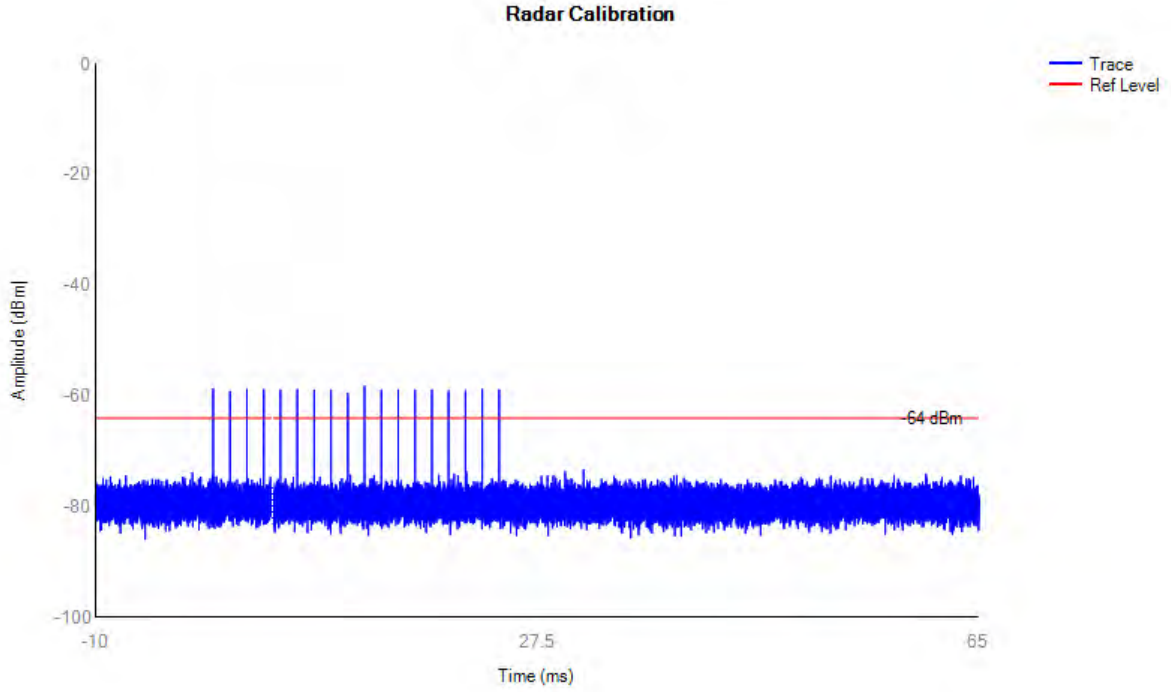
5260MHz a DFS_FCC_T0



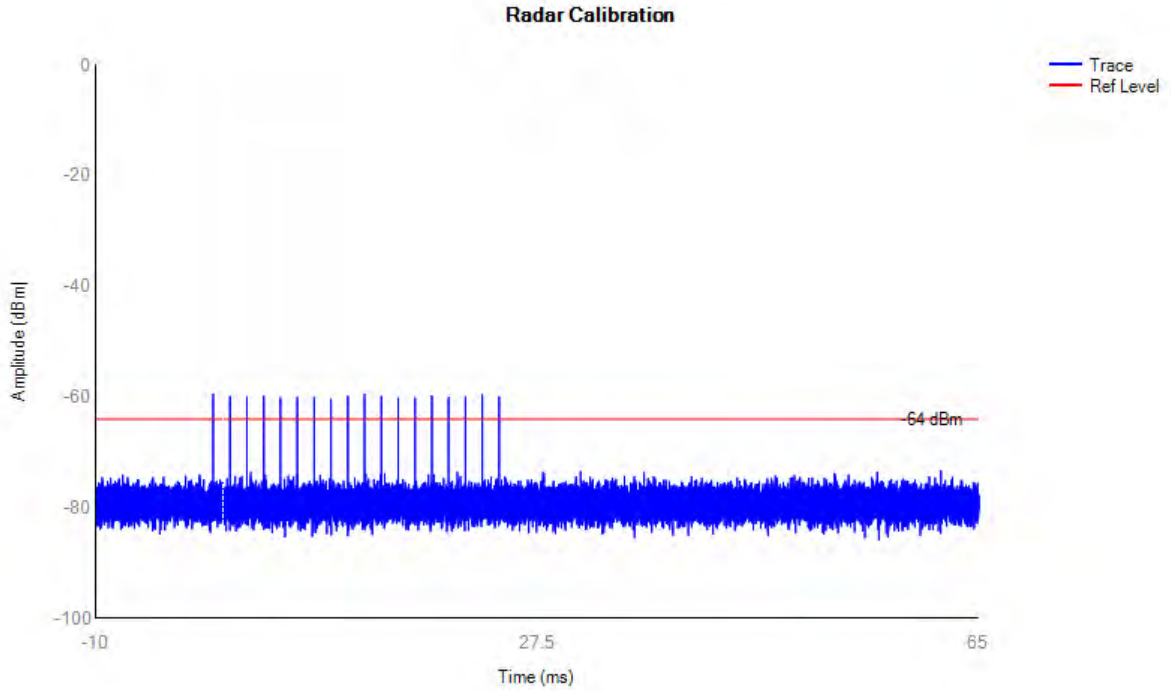
5500MHz a DFS_FCC_T0



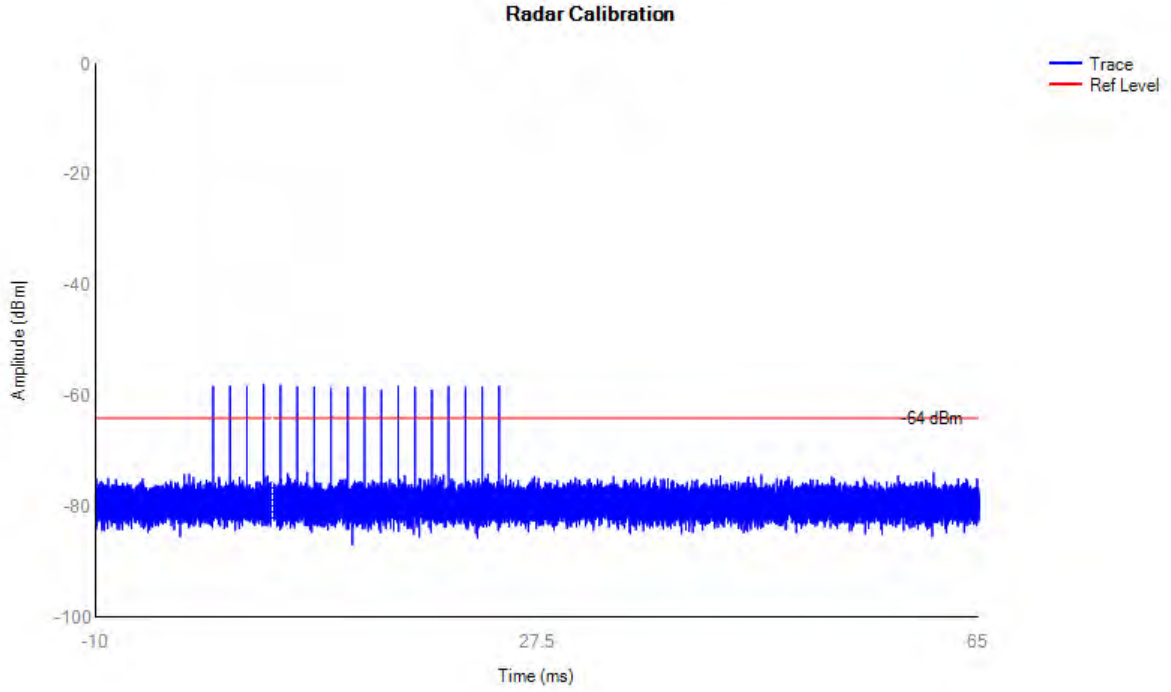
5270MHz n40 DFS_FCC_T0



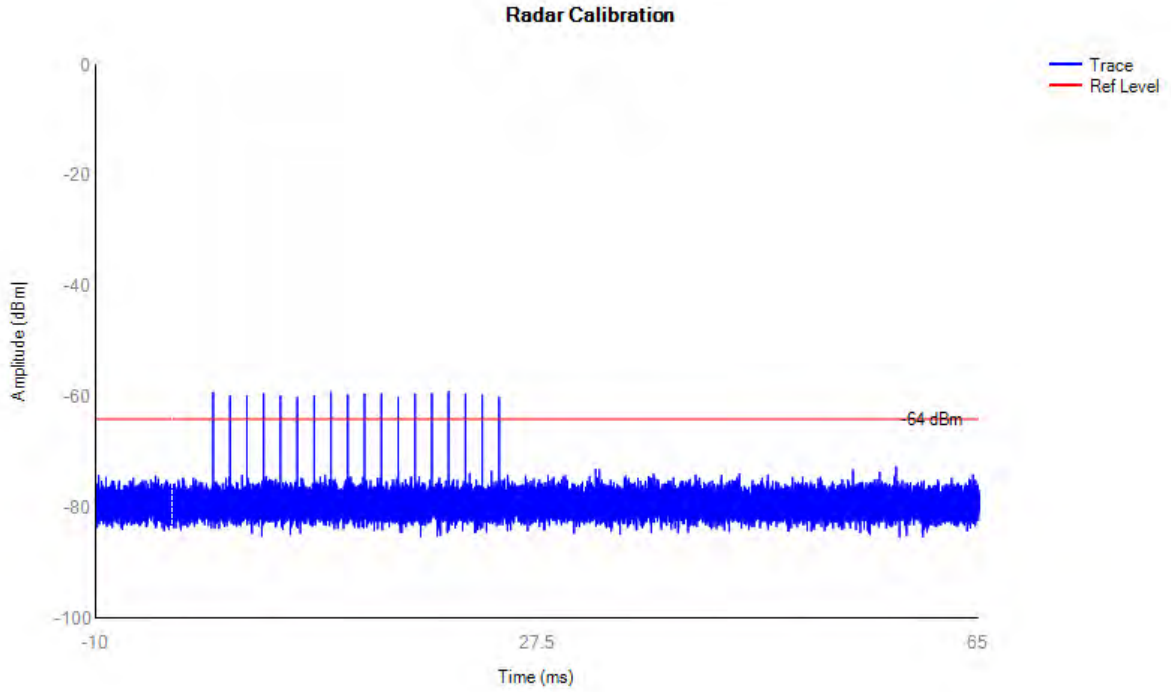
5510MHz n40 DFS_FCC_T0



5290MHz ac80 DFS_FCC_T0

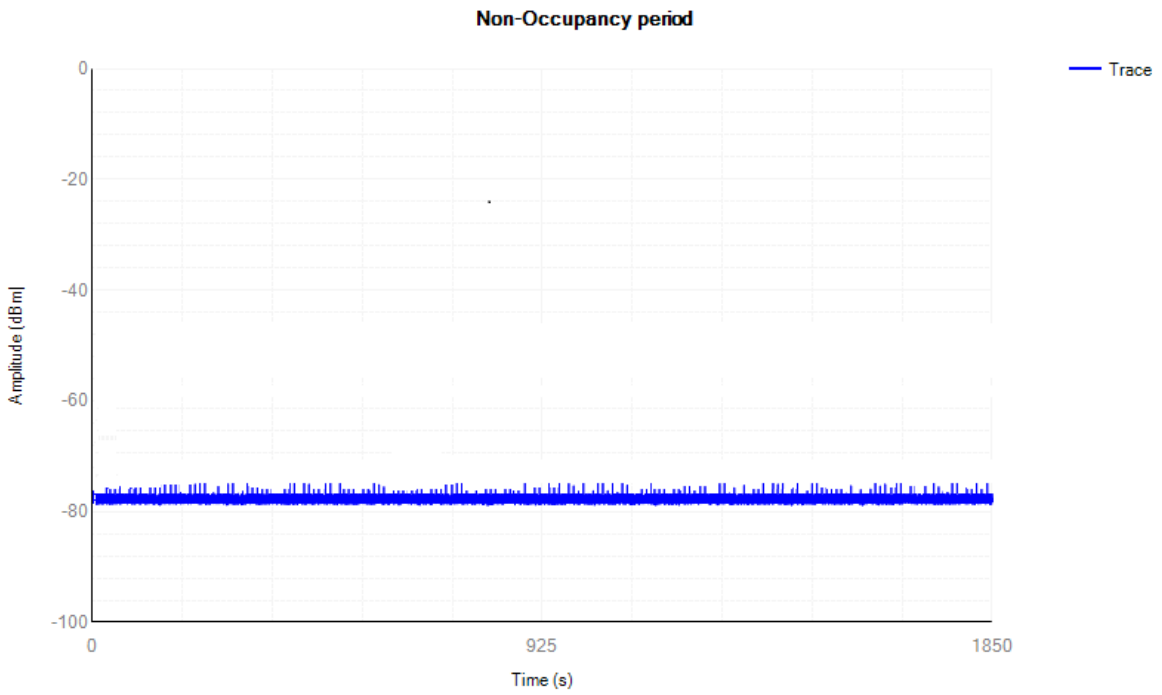


5530MHz ac80 DFS_FCC_T0

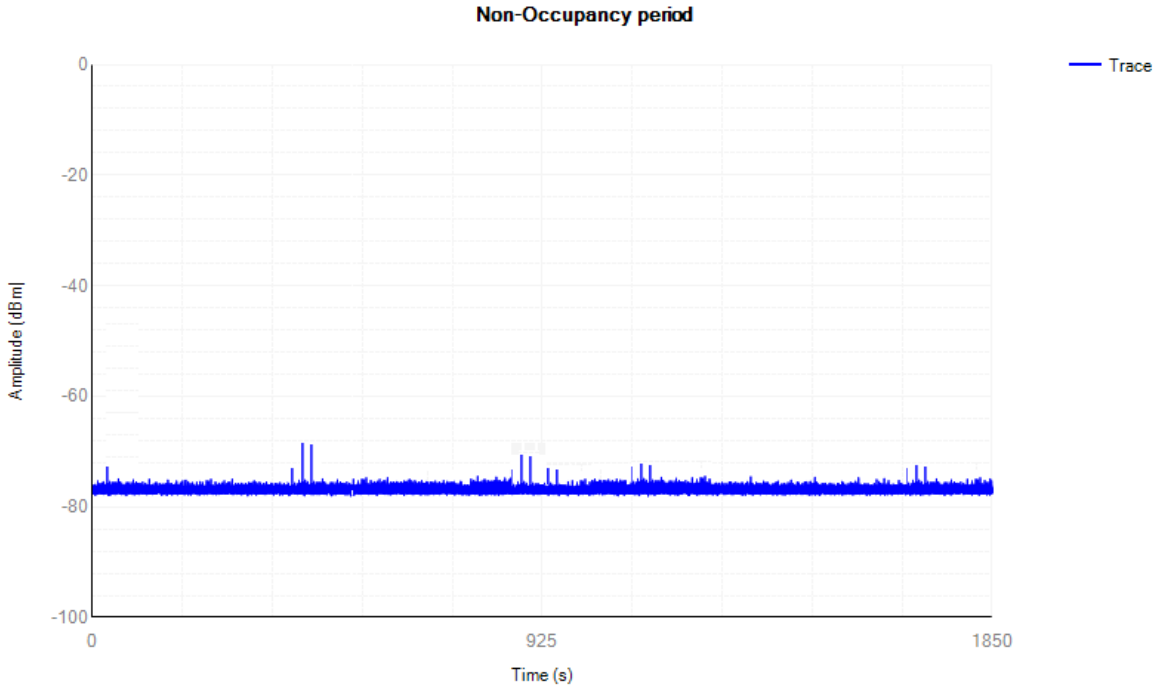


Non-Occupancy

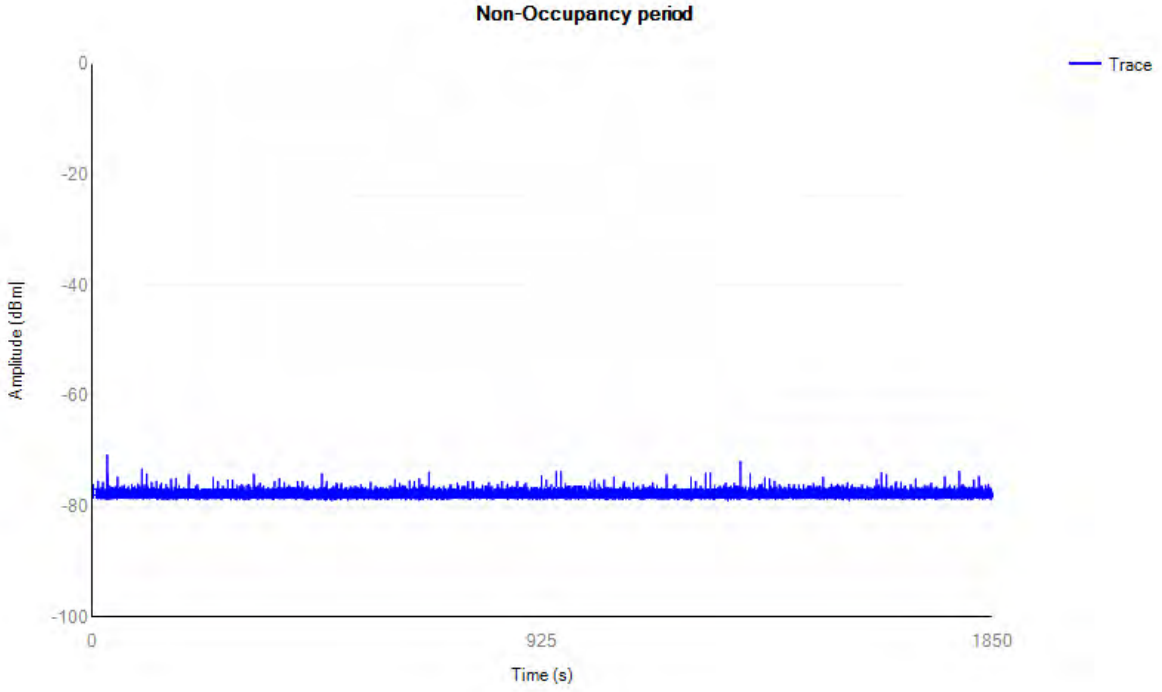
5260MHz a Non-Occupancy



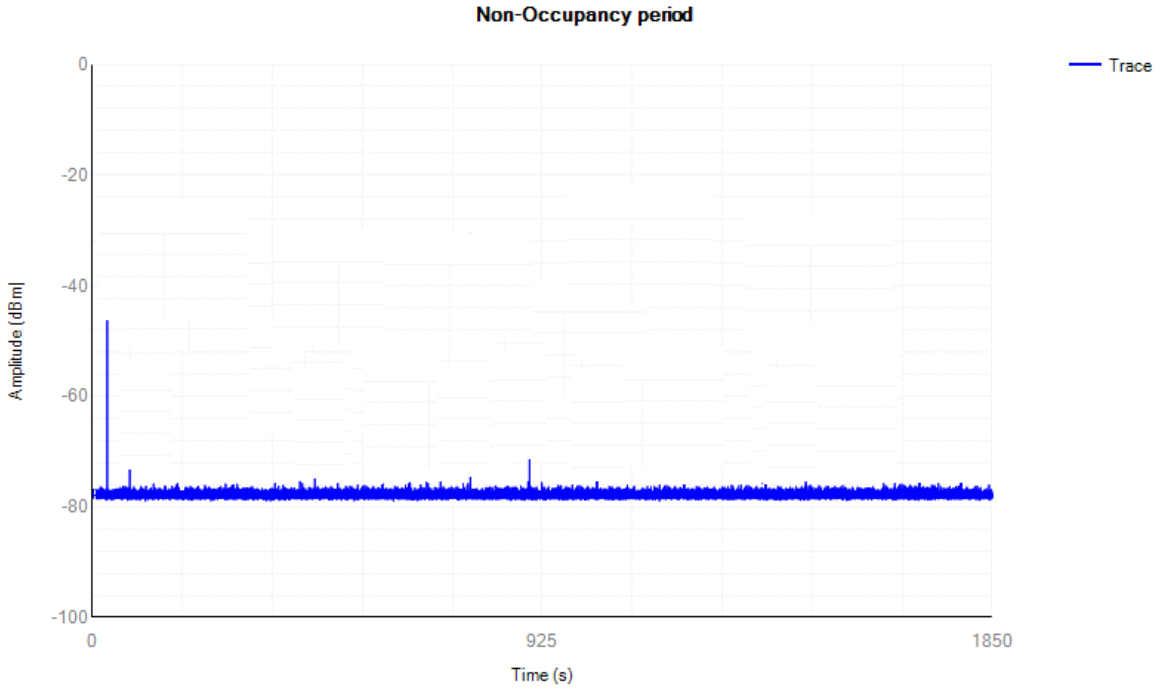
5500MHz a Non-Occupancy



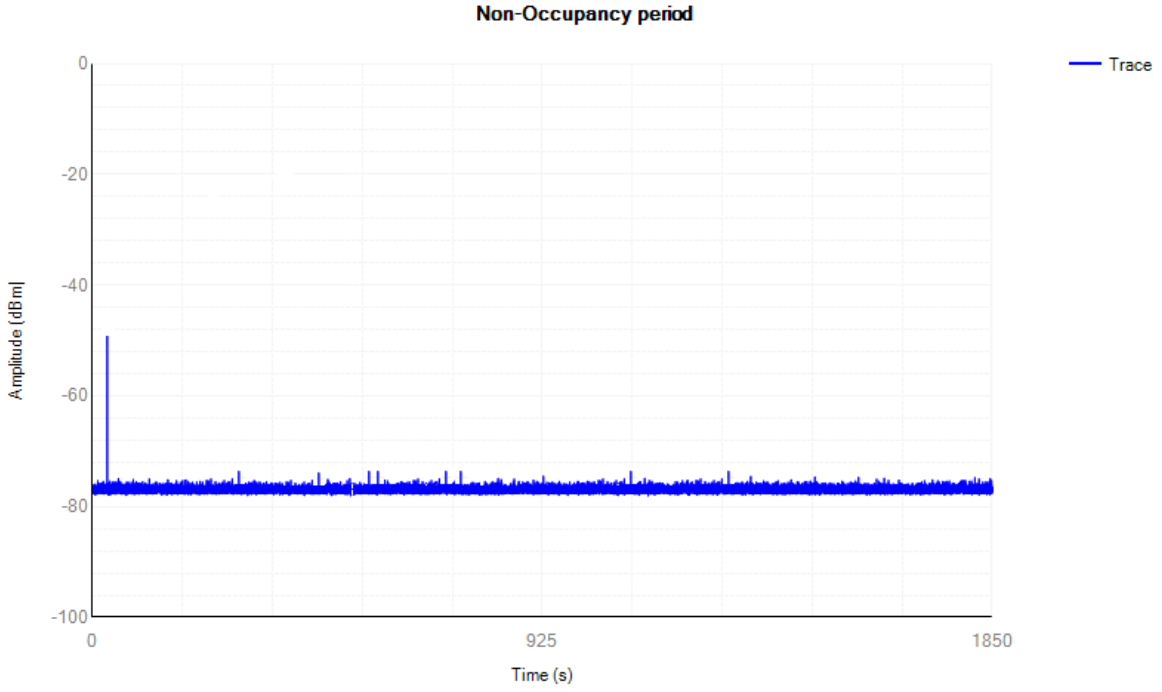
5270MHz n40 Non-Occupancy



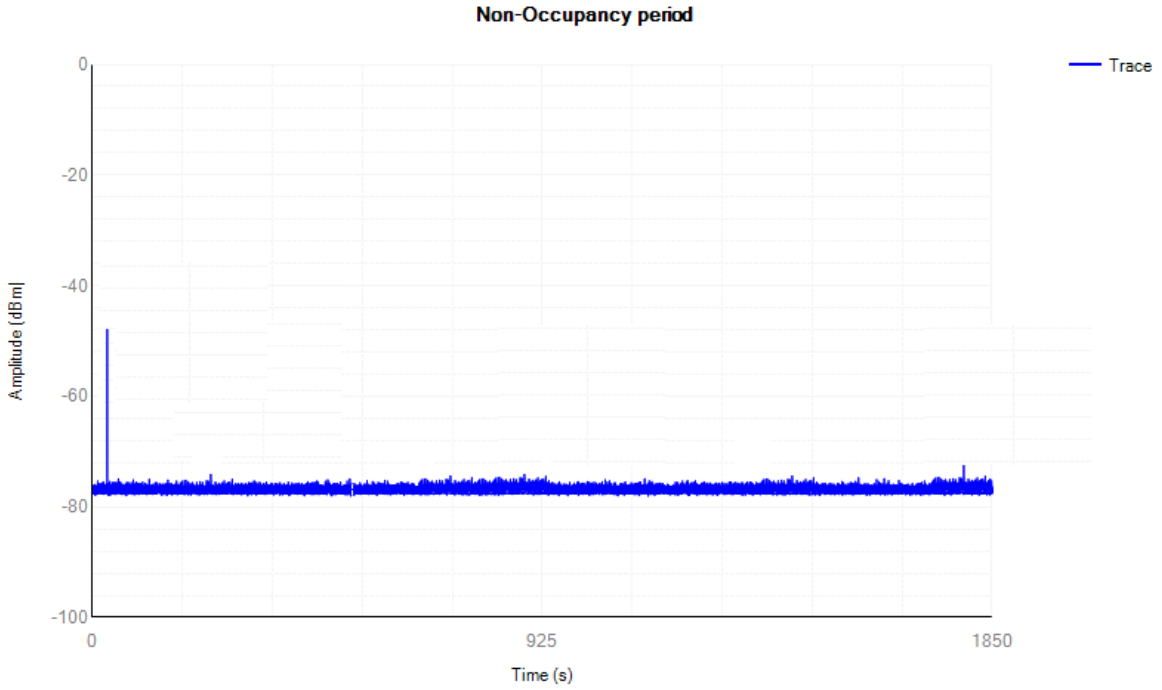
5510MHz n40 Non-Occupancy



5290MHz ac80 Non-Occupancy



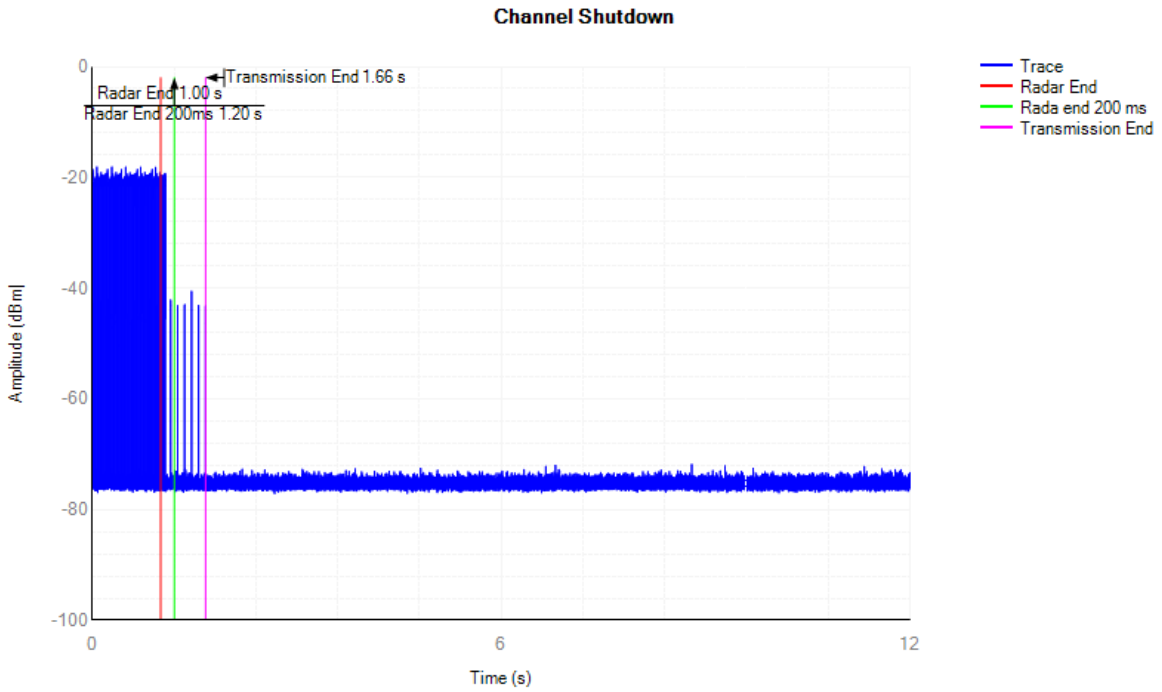
5530MHz ac80 Non-Occupancy



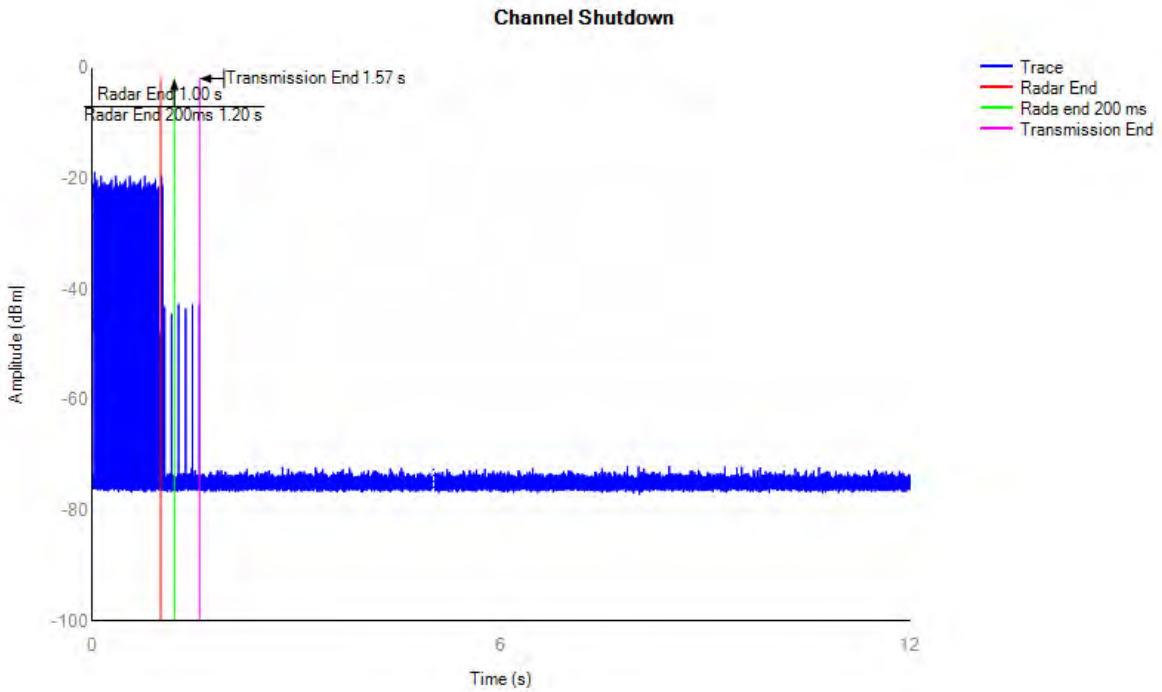
Shutdown Time

Mode	Frequency (MHz)	Channel Move Time (s)	Limit Channel Move Time (s)	Close Transmission Time (s)	Limit Close Transmission Time (s)	Close Transmission Time after 200ms(s)	Limit Close Transmission Time after 200ms (s)	Verdict
a	5260	0.6588	10	0.0232	0.26	0.0036	0.06	Pass
a	5500	0.57	10	0.0172	0.26	0.002	0.06	Pass
n40	5270	0.404	10	0.002	0.26	0.0012	0.06	Pass
n40	5510	0.0724	10	0.002	0.26	0	0.06	Pass
ac80	5290	0.0648	10	0.0036	0.26	0	0.06	Pass
ac80	5530	0.3752	10	0.0052	0.26	0.0008	0.06	Pass

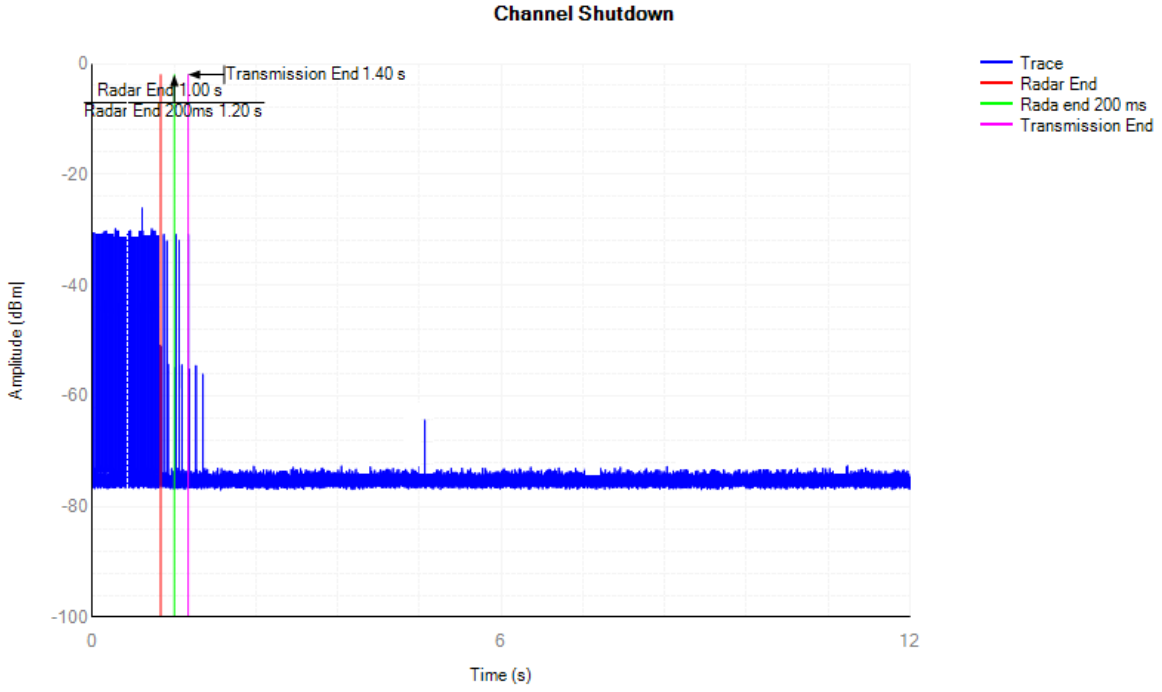
5260MHz a Shutdown



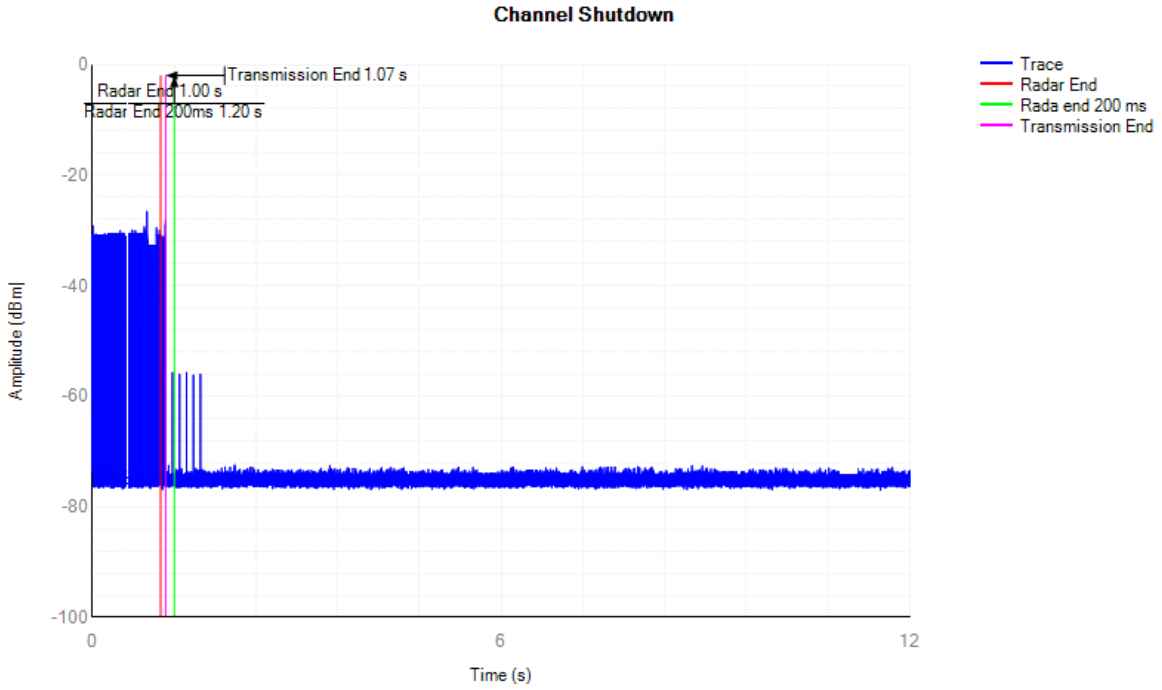
5500MHz a Shutdown



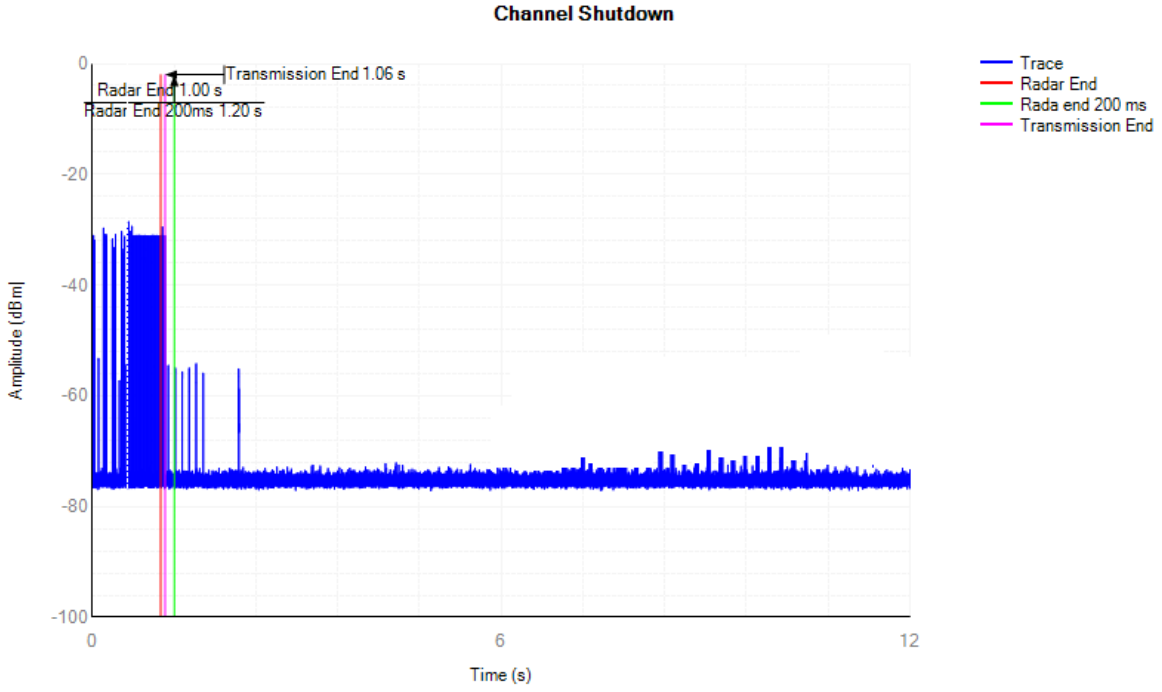
5270MHz n40 Shutdown



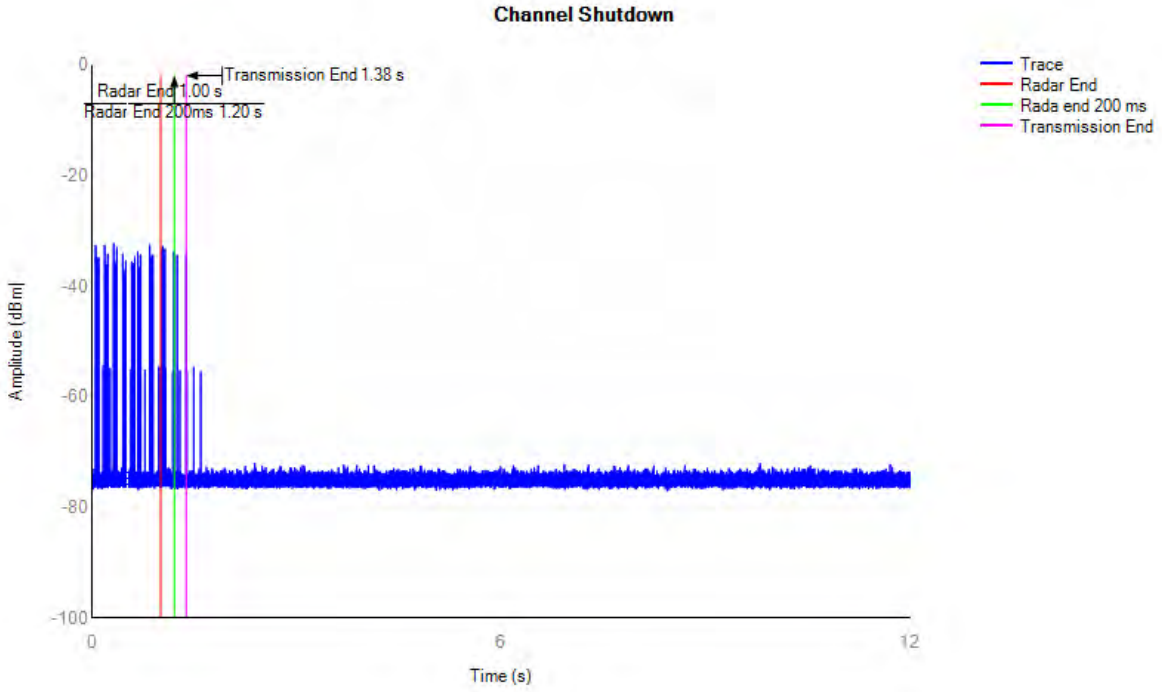
5510MHz n40 Shutdown



5290MHz ac80 Shutdown



5530MHz ac80 Shutdown



END OF REPORT