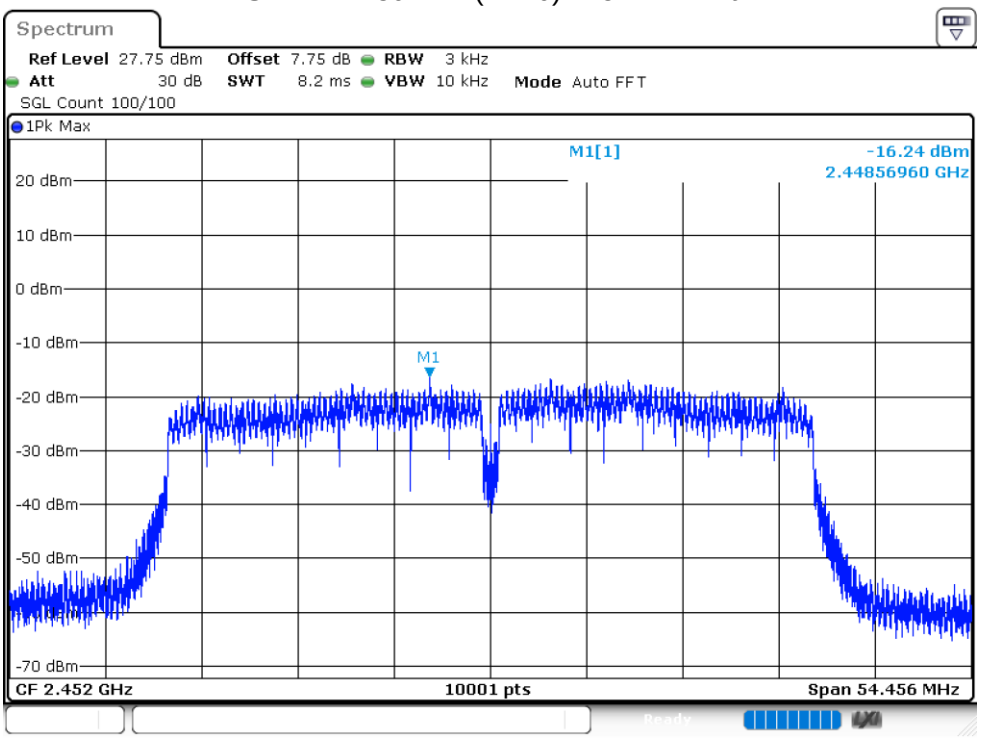
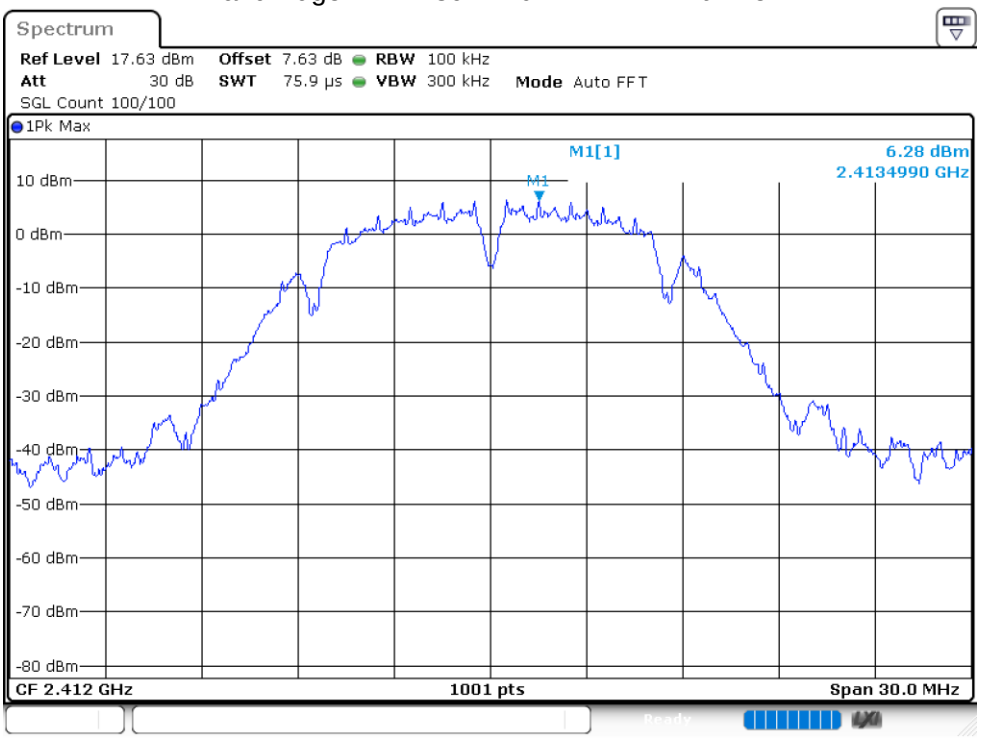
PSD NVNT 802.11n(HT40) 2452MHz Ant1



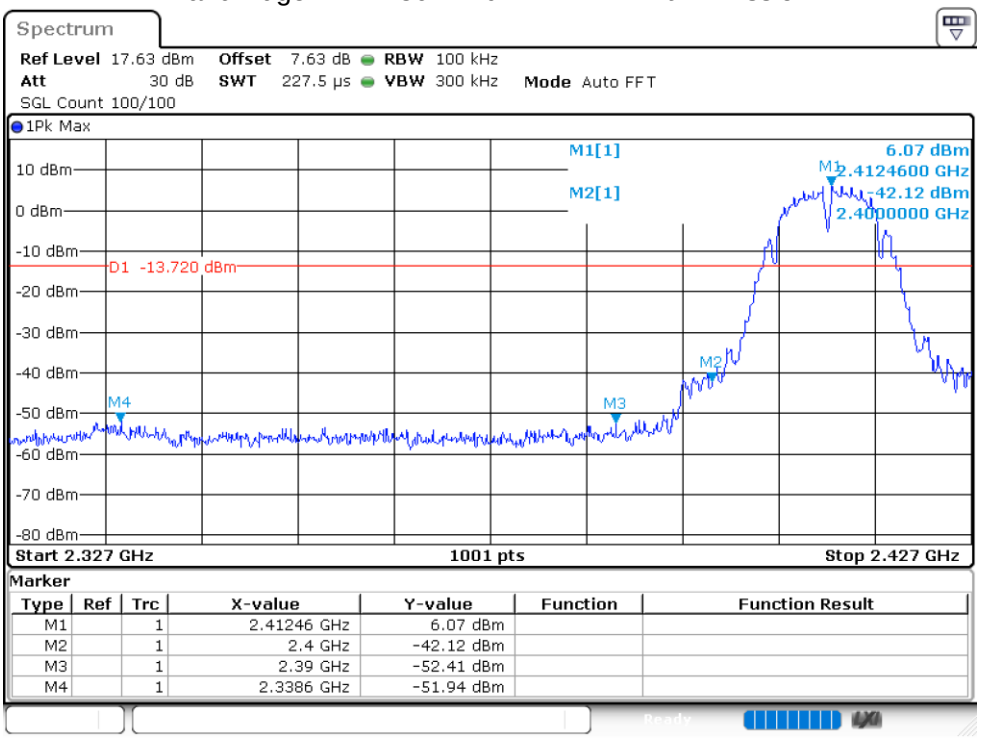
8.5 BAND EDGE

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11b	2412	Ant 1	-58.20997970581	-20	Pass
NVNT	802.11b	2462	Ant 1	-56.99340911865	-20	Pass
NVNT	802.11g	2412	Ant 1	-50.07099062443	-20	Pass
NVNT	802.11g	2462	Ant 1	-48.25653844297	-20	Pass
NVNT	802.11n(HT20)	2412	Ant 1	-49.72612617969	-20	Pass
NVNT	802.11n(HT20)	2462	Ant 1	-47.59475693345	-20	Pass
NVNT	802.11n(HT40)	2422	Ant 1	-43.68451292038	-20	Pass
NVNT	802.11n(HT40)	2452	Ant 1	-40.33185523987	-20	Pass

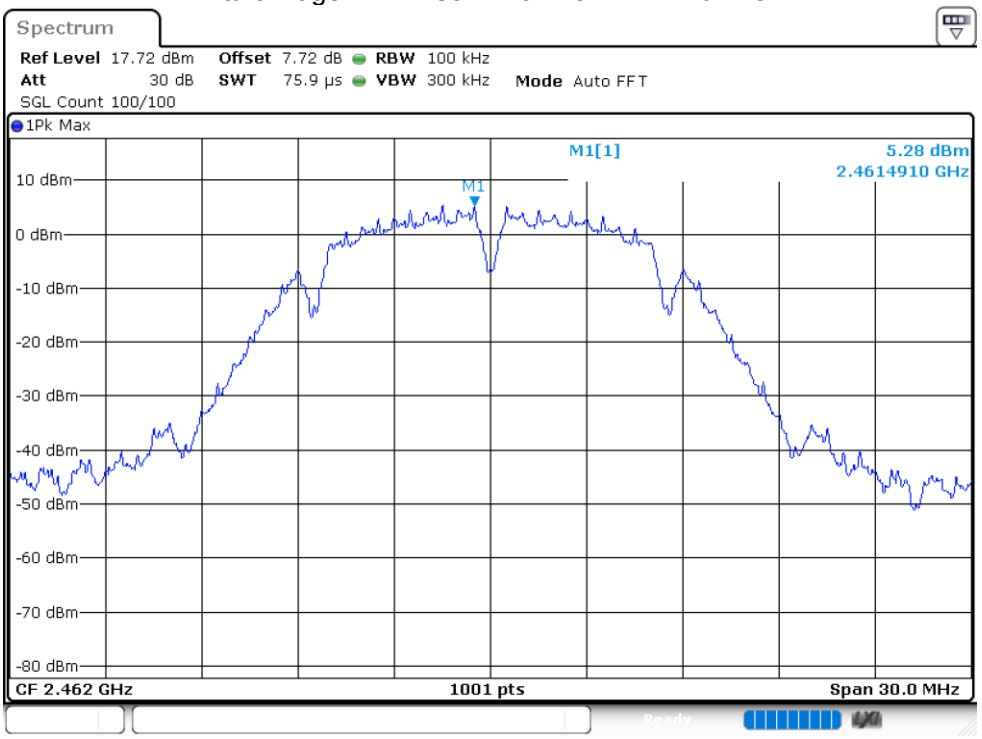
Band Edge NVNT 802.11b 2412MHz Ant1 Ref



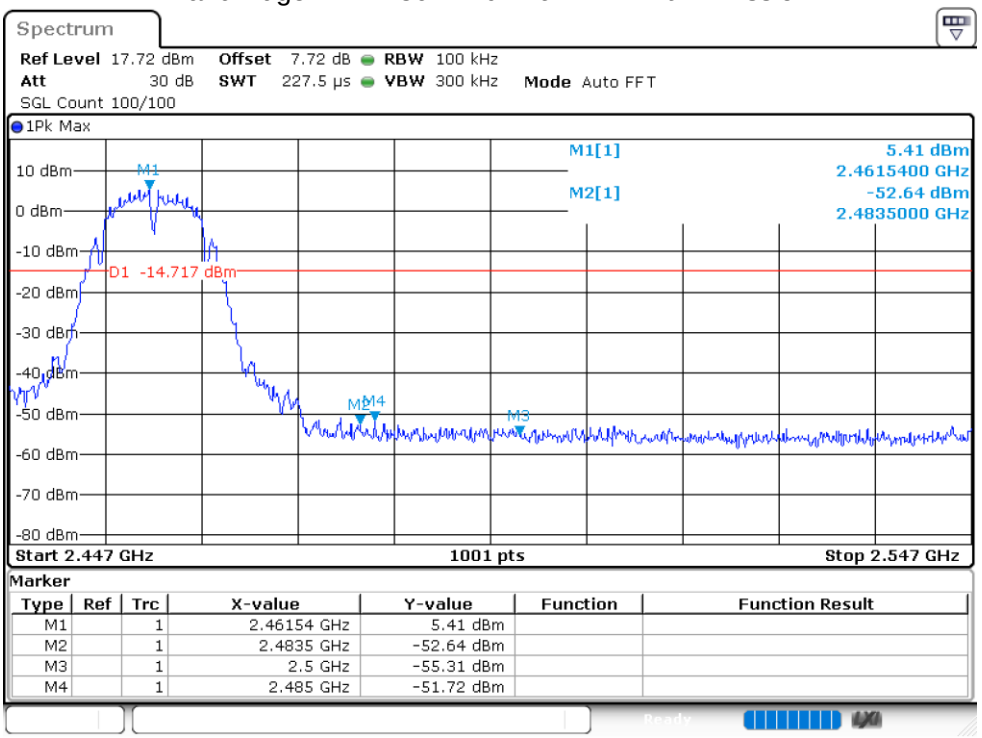
Band Edge NVNT 802.11b 2412MHz Ant1 Emission



Band Edge NVNT 802.11b 2462MHz Ant1 Ref



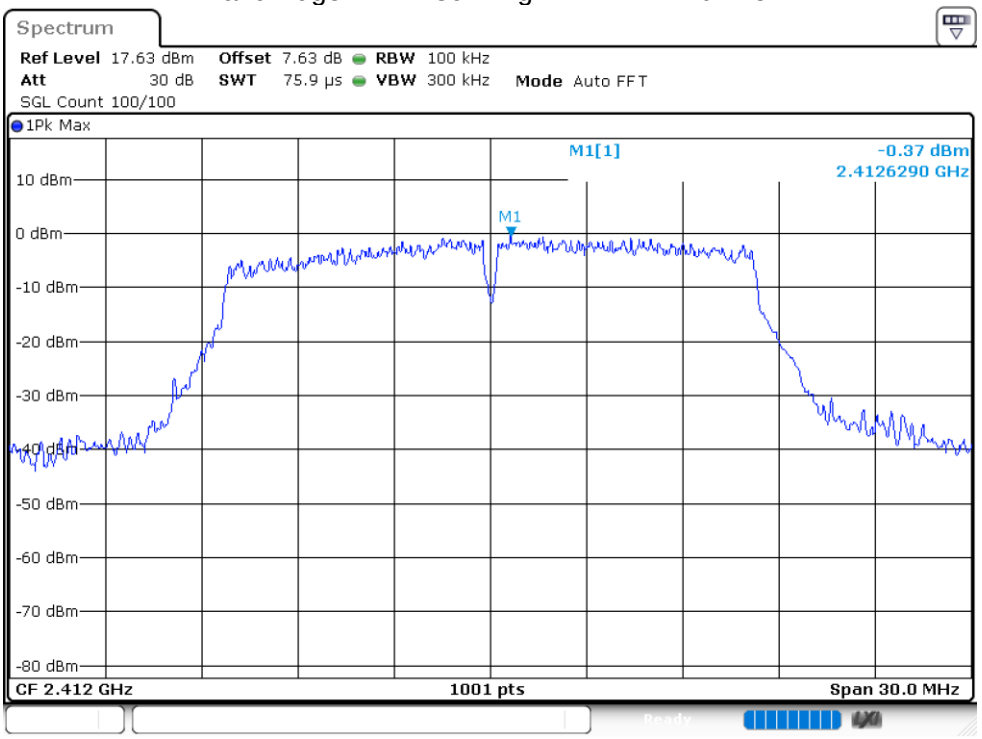
Band Edge NVNT 802.11b 2462MHz Ant1 Emission



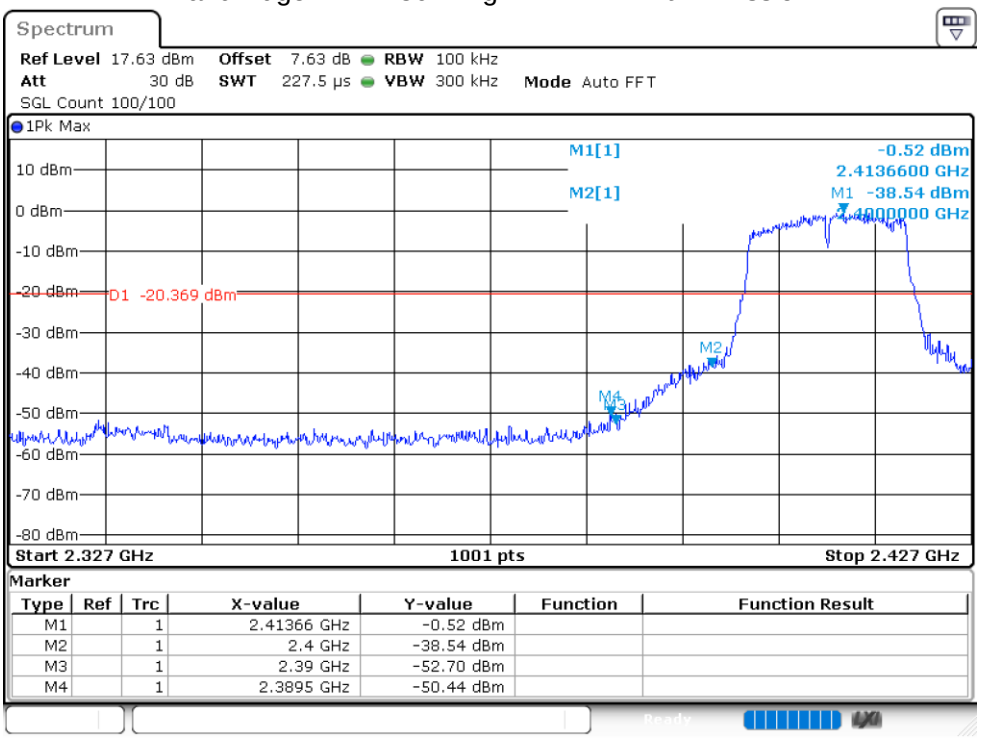
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46154 GHz	5.41 dBm		
M2		1	2.4835 GHz	-52.64 dBm		
M3		1	2.5 GHz	-55.31 dBm		
M4		1	2.485 GHz	-51.72 dBm		

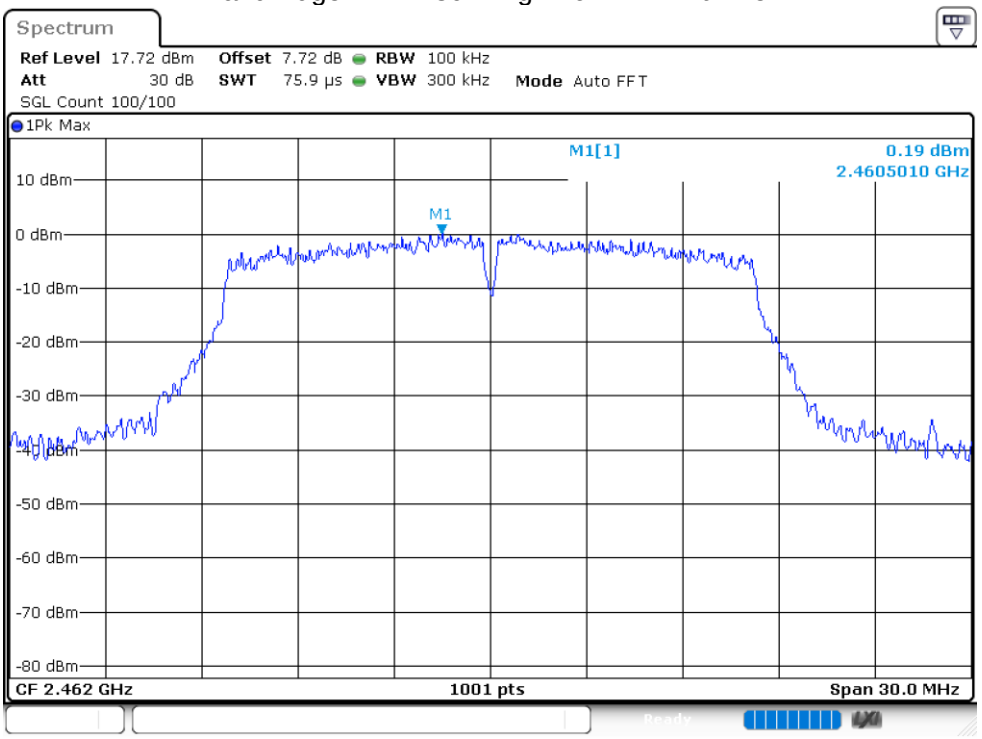
Band Edge NVNT 802.11g 2412MHz Ant1 Ref



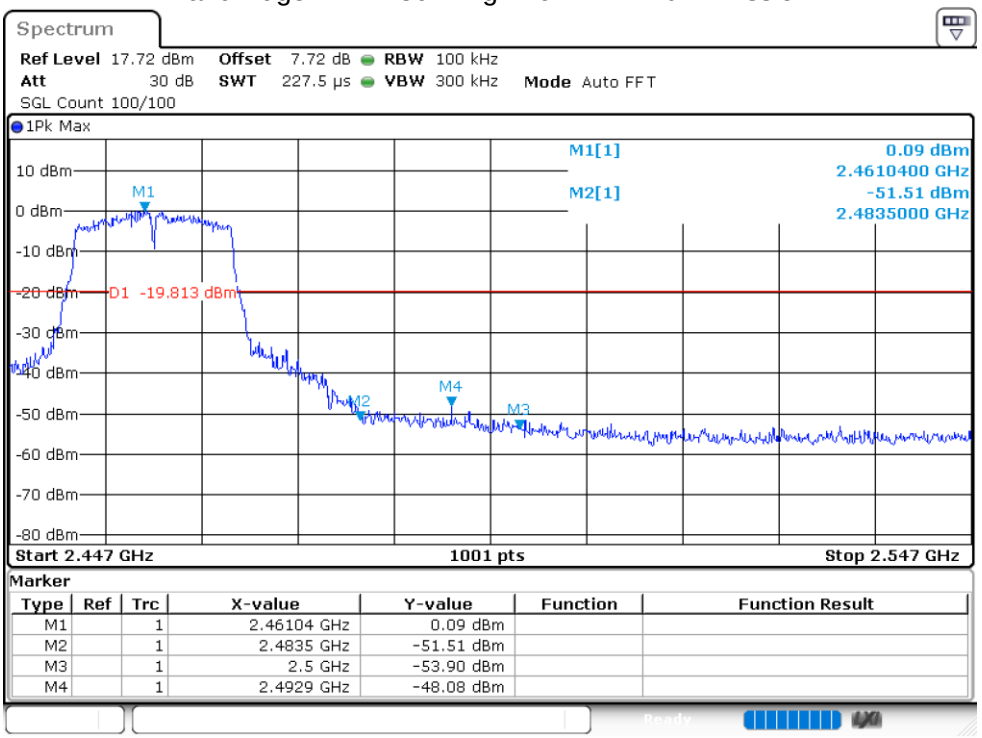
Band Edge NVNT 802.11g 2412MHz Ant1 Emission



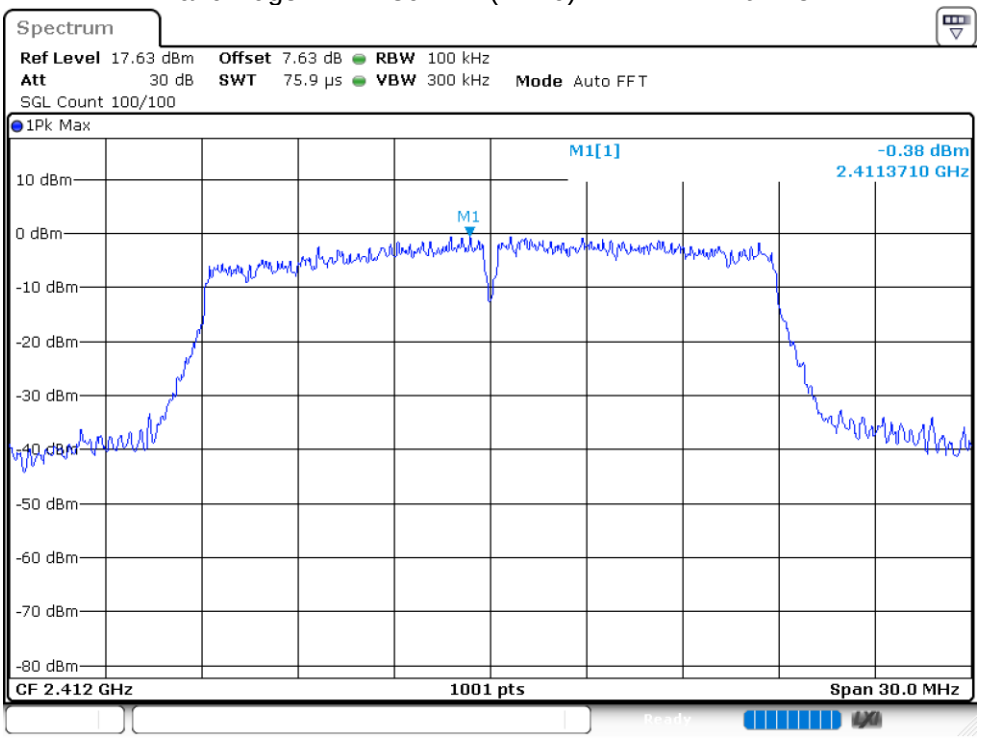
Band Edge NVNT 802.11g 2462MHz Ant1 Ref



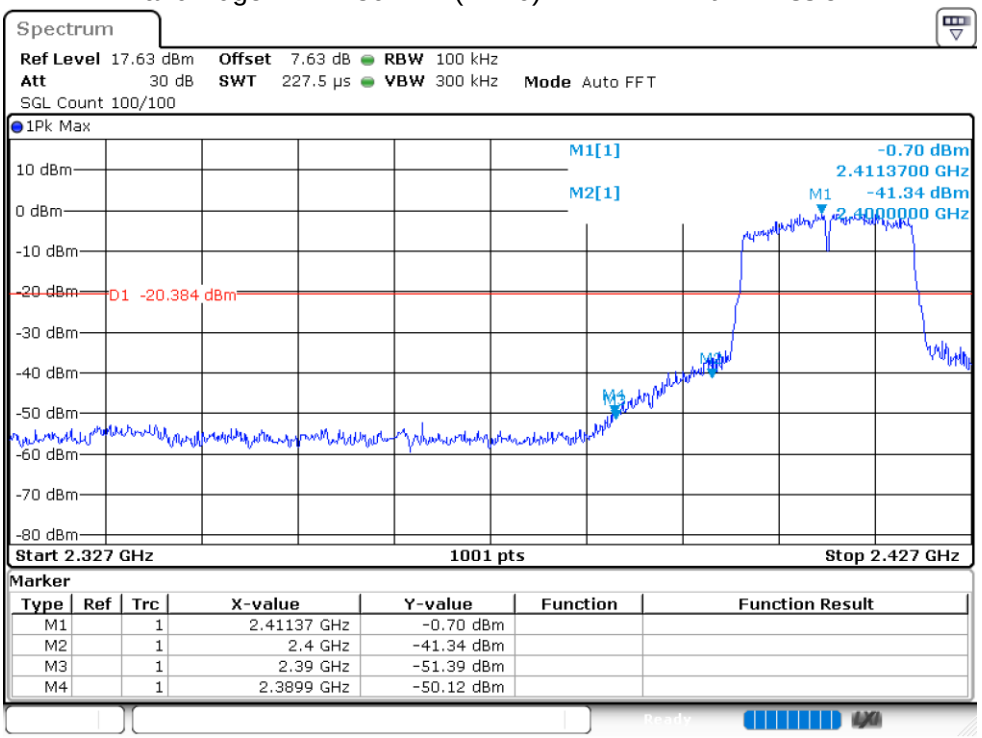
Band Edge NVNT 802.11g 2462MHz Ant1 Emission



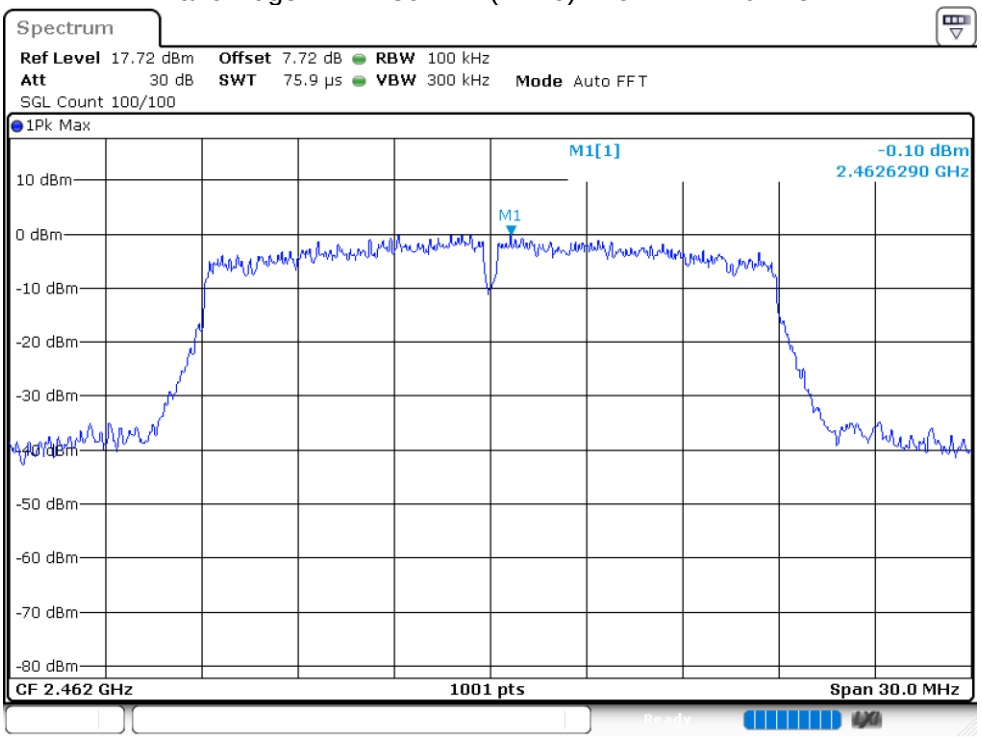
Band Edge NVNT 802.11n(HT20) 2412MHz Ant1 Ref



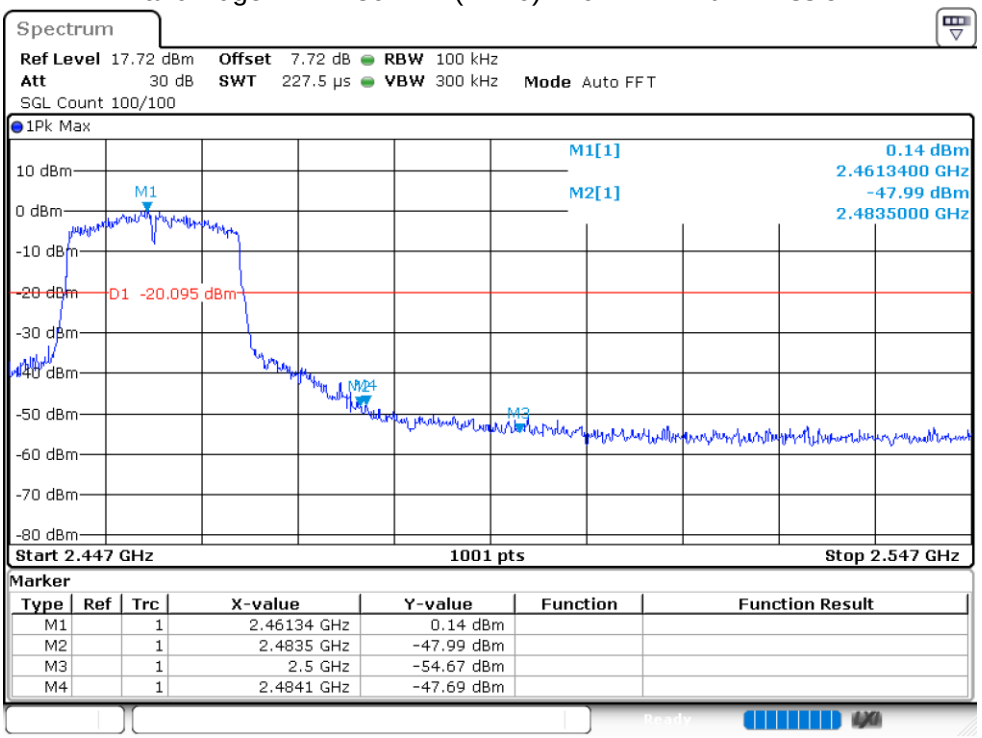
Band Edge NVNT 802.11n(HT20) 2412MHz Ant1 Emission



Band Edge NVNT 802.11n(HT20) 2462MHz Ant1 Ref



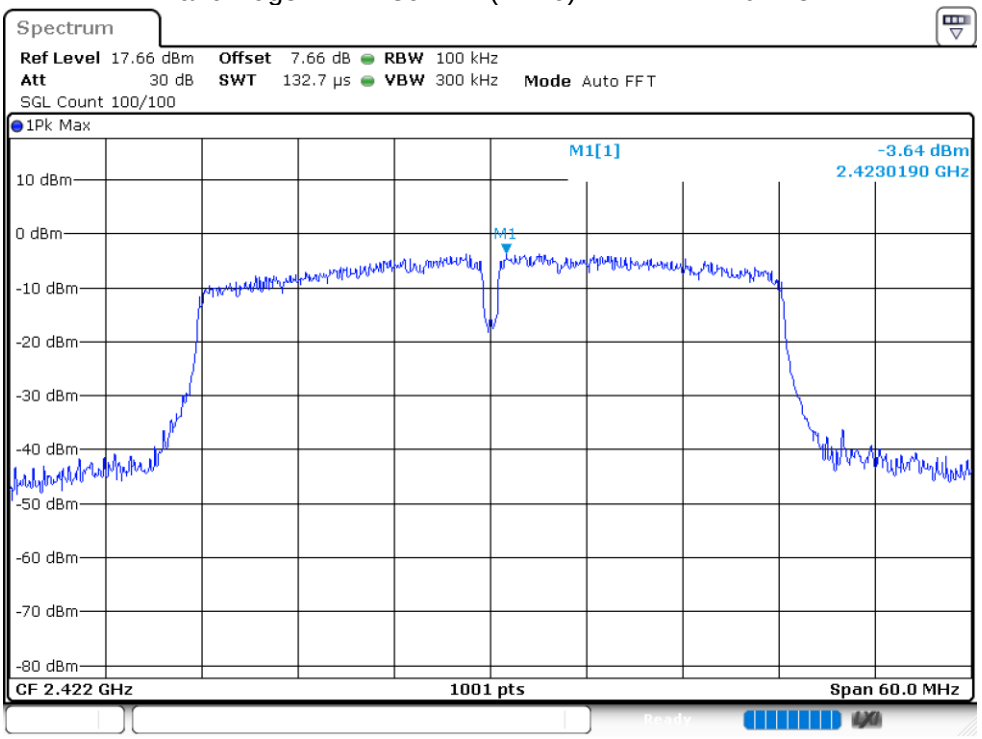
Band Edge NVNT 802.11n(HT20) 2462MHz Ant1 Emission



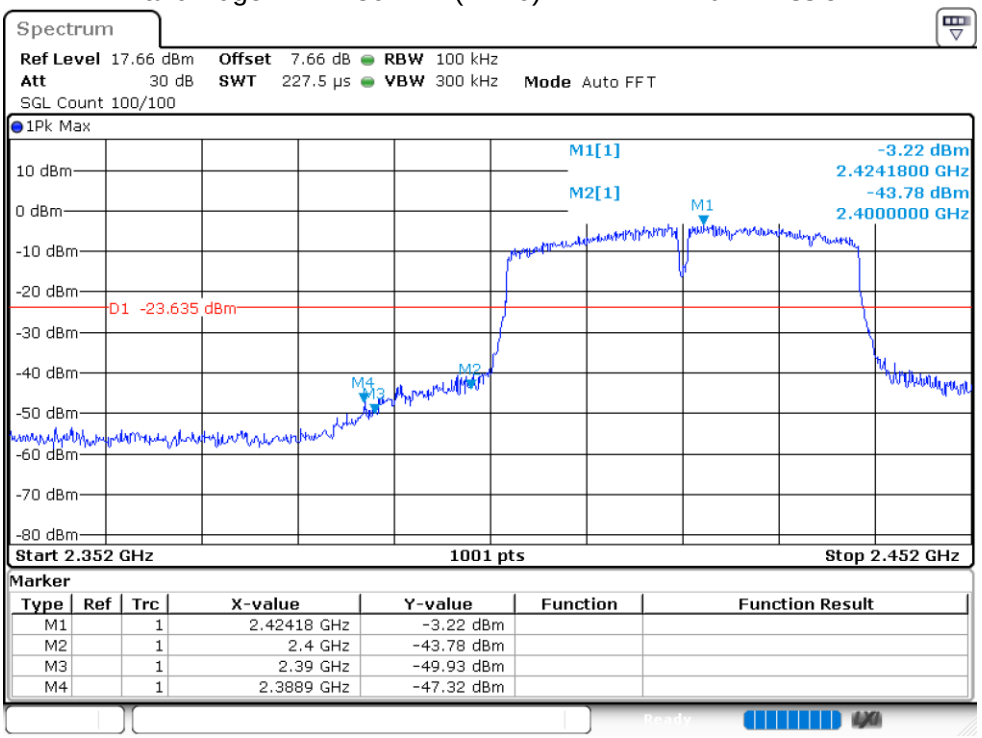
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.46134 GHz	0.14 dBm		
M2		1	2.4835 GHz	-47.99 dBm		
M3		1	2.5 GHz	-54.67 dBm		
M4		1	2.4841 GHz	-47.69 dBm		

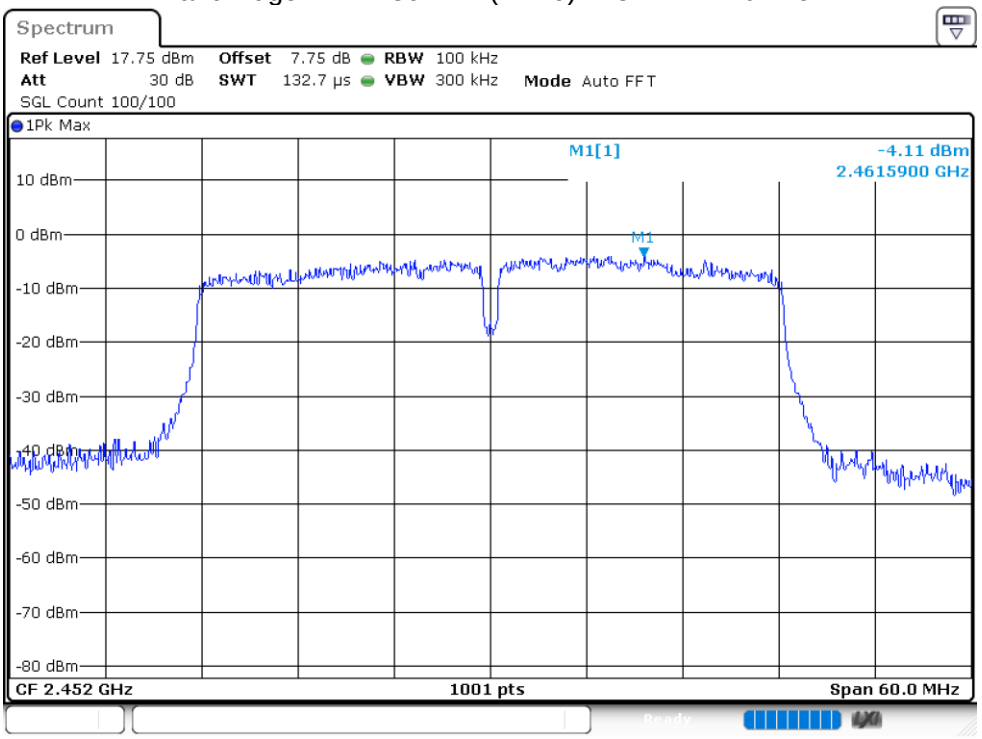
Band Edge NVNT 802.11n(HT40) 2422MHz Ant1 Ref



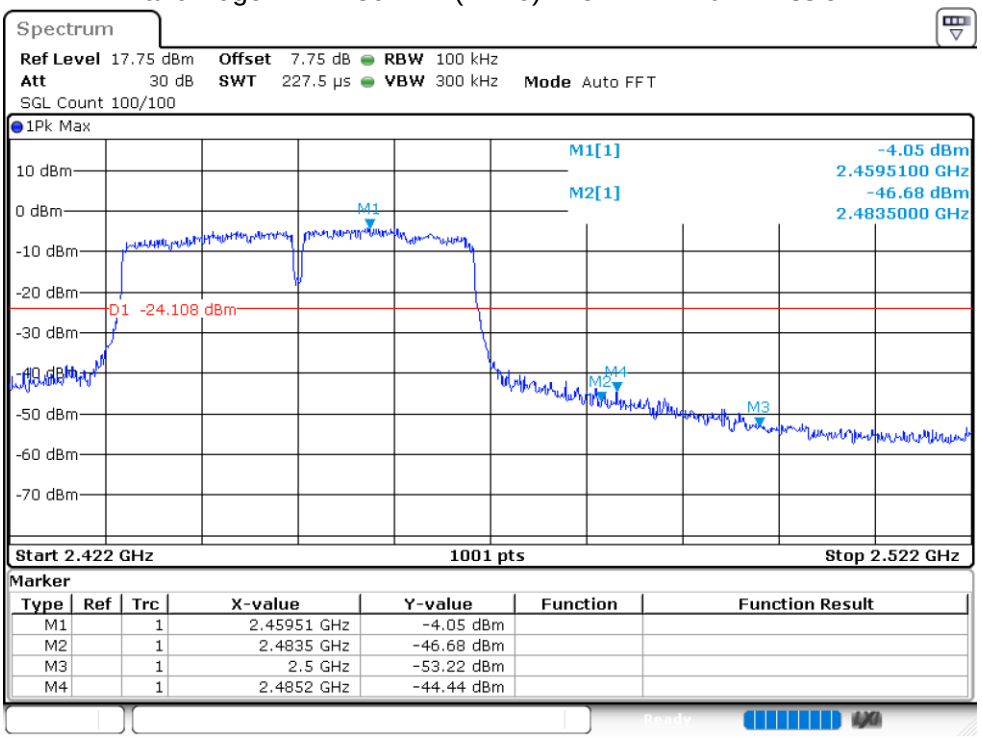
Band Edge NVNT 802.11n(HT40) 2422MHz Ant1 Emission



Band Edge NVNT 802.11n(HT40) 2452MHz Ant1 Ref



Band Edge NVNT 802.11n(HT40) 2452MHz Ant1 Emission



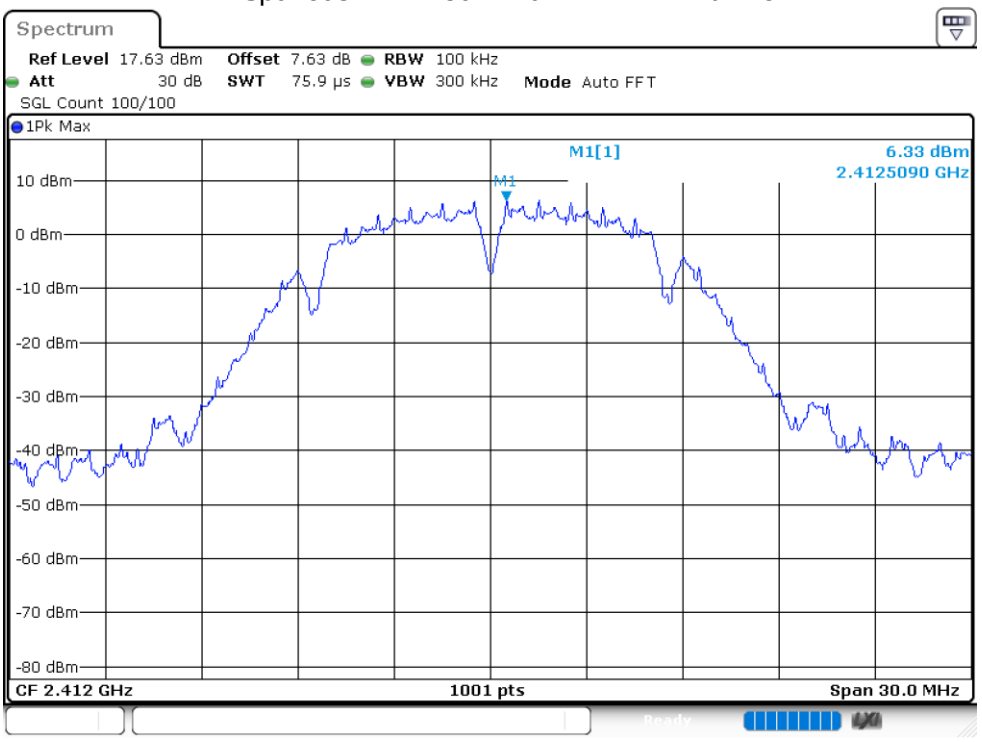
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.45951 GHz	-4.05 dBm		
M2		1	2.4835 GHz	-46.68 dBm		
M3		1	2.5 GHz	-53.22 dBm		
M4		1	2.4852 GHz	-44.44 dBm		

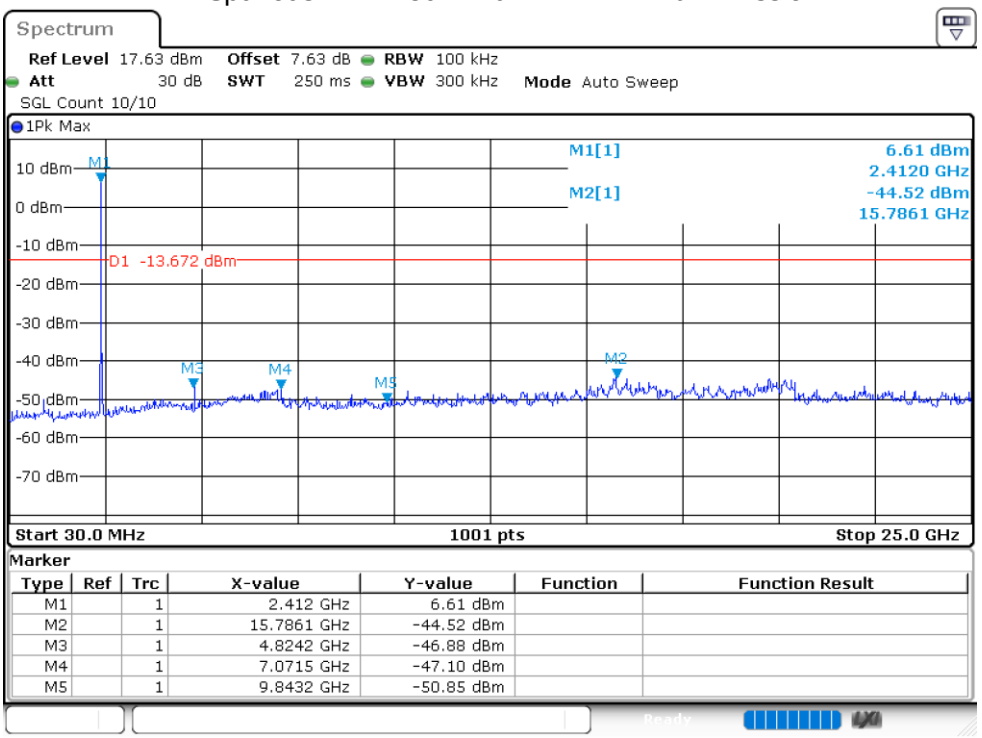
8.6 CONDUCTED RF SPURIOUS EMISSION

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11b	2412	Ant 1	-50.84817840576	-20	Pass
NVNT	802.11b	2437	Ant 1	-50.07600727081	-20	Pass
NVNT	802.11b	2462	Ant 1	-49.54656488419	-20	Pass
NVNT	802.11g	2412	Ant 1	-44.42651093245	-20	Pass
NVNT	802.11g	2437	Ant 1	-44.81885598809	-20	Pass
NVNT	802.11g	2462	Ant 1	-45.05976550907	-20	Pass
NVNT	802.11n(HT20)	2412	Ant 1	-43.58759918302	-20	Pass
NVNT	802.11n(HT20)	2437	Ant 1	-44.43386178494	-20	Pass
NVNT	802.11n(HT20)	2462	Ant 1	-44.66820812583	-20	Pass
NVNT	802.11n(HT40)	2422	Ant 1	-40.89427697182	-20	Pass
NVNT	802.11n(HT40)	2437	Ant 1	-40.80917529106	-20	Pass
NVNT	802.11n(HT40)	2452	Ant 1	-40.62298634529	-20	Pass

Tx. Spurious NVNT 802.11b 2412MHz Ant1 Ref



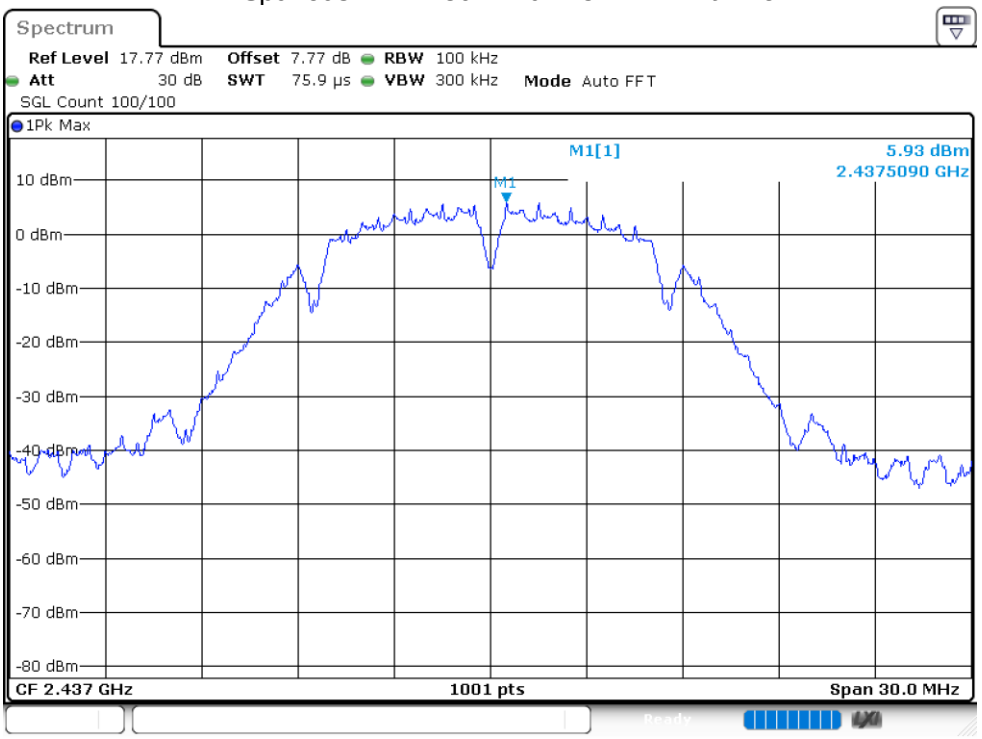
Tx. Spurious NVNT 802.11b 2412MHz Ant1 Emission



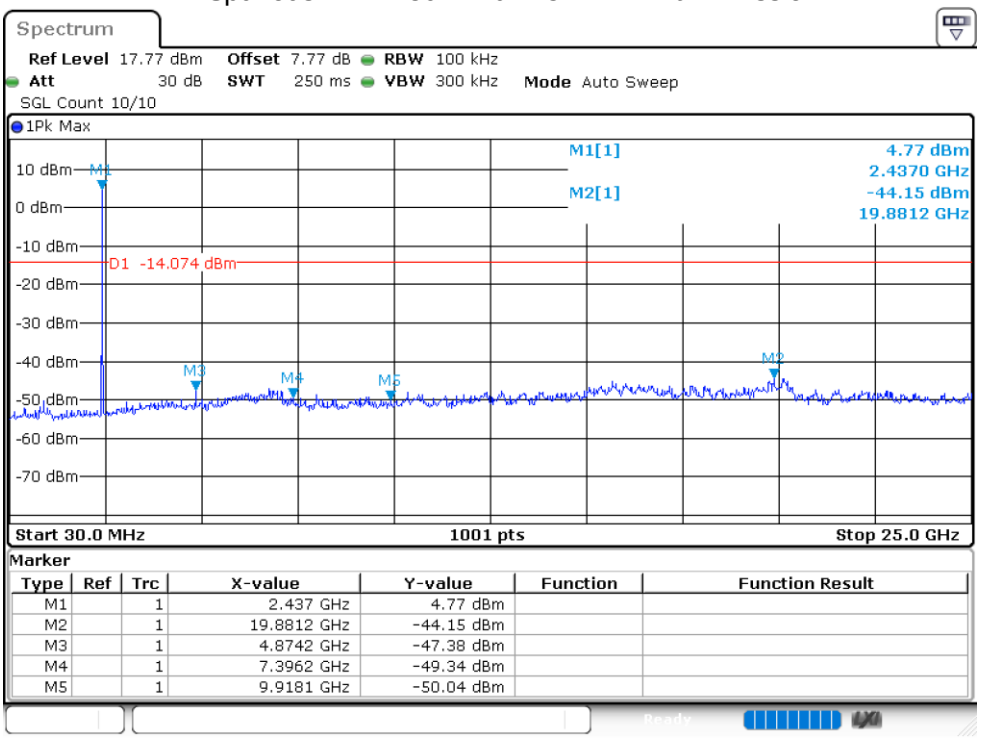
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.412 GHz	6.61 dBm		
M2		1	15.7861 GHz	-44.52 dBm		
M3		1	4.8242 GHz	-46.88 dBm		
M4		1	7.0715 GHz	-47.10 dBm		
M5		1	9.8432 GHz	-50.85 dBm		

Tx. Spurious NVNT 802.11b 2437MHz Ant1 Ref



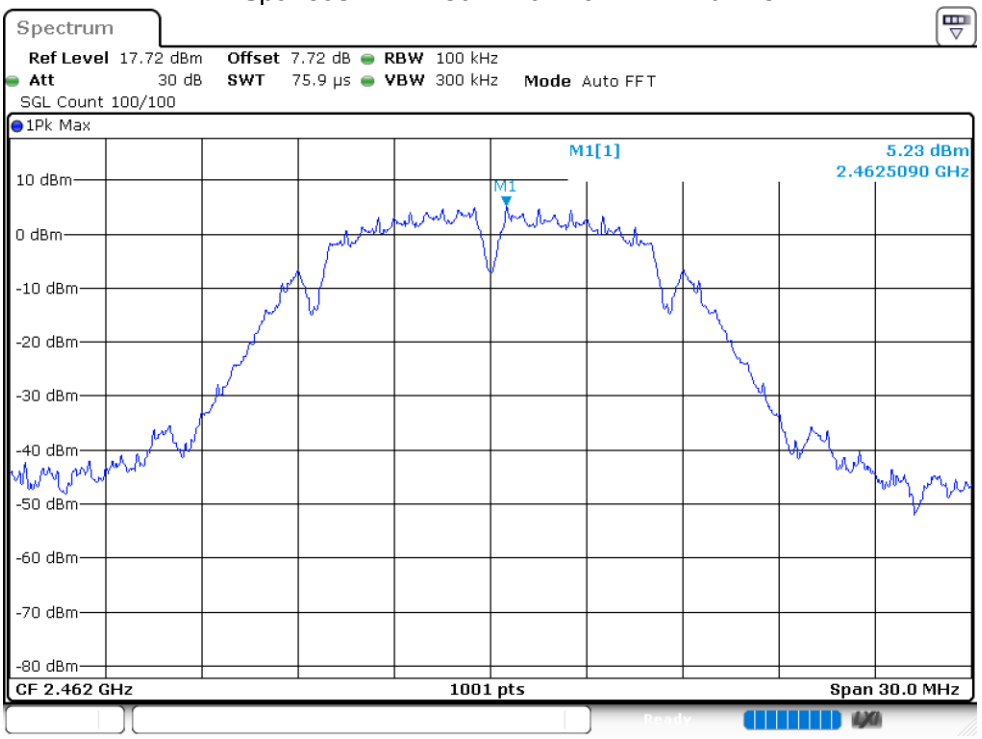
Tx. Spurious NVNT 802.11b 2437MHz Ant1 Emission



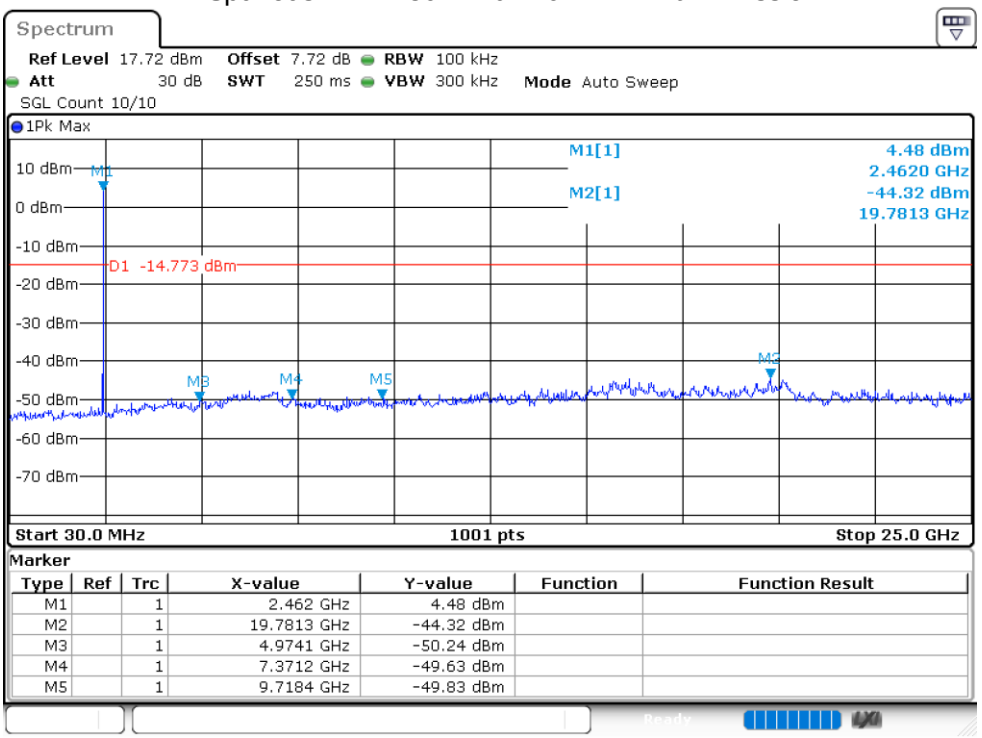
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.437 GHz	4.77 dBm		
M2		1	19.8812 GHz	-44.15 dBm		
M3		1	4.8742 GHz	-47.38 dBm		
M4		1	7.3962 GHz	-49.34 dBm		
M5		1	9.9181 GHz	-50.04 dBm		

Tx. Spurious NVNT 802.11b 2462MHz Ant1 Ref



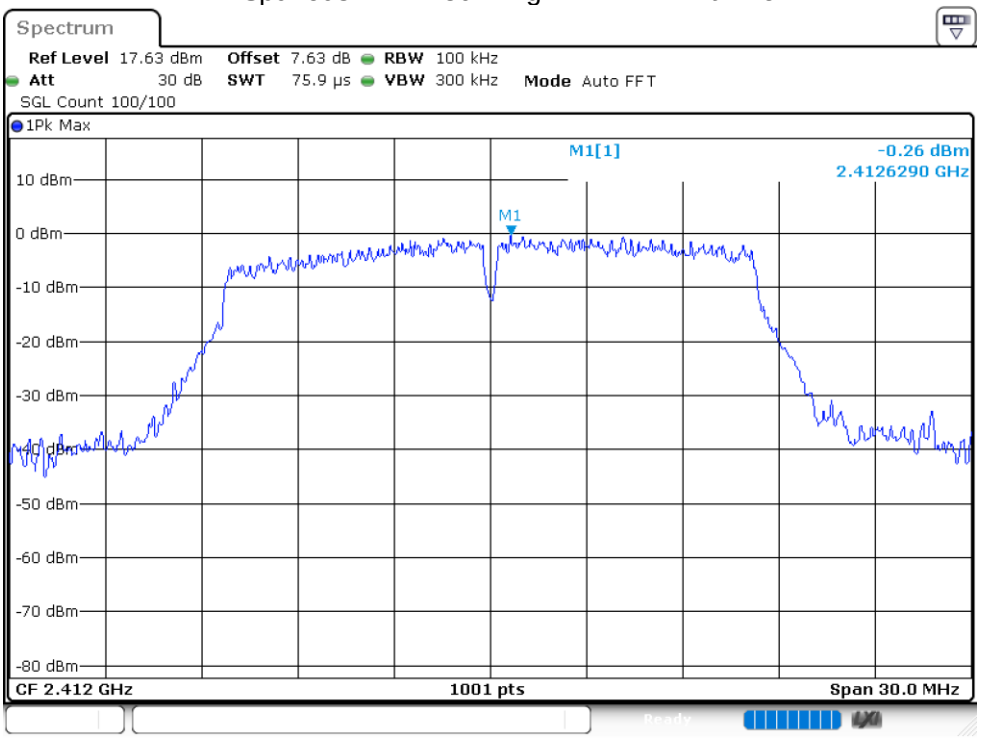
Tx. Spurious NVNT 802.11b 2462MHz Ant1 Emission



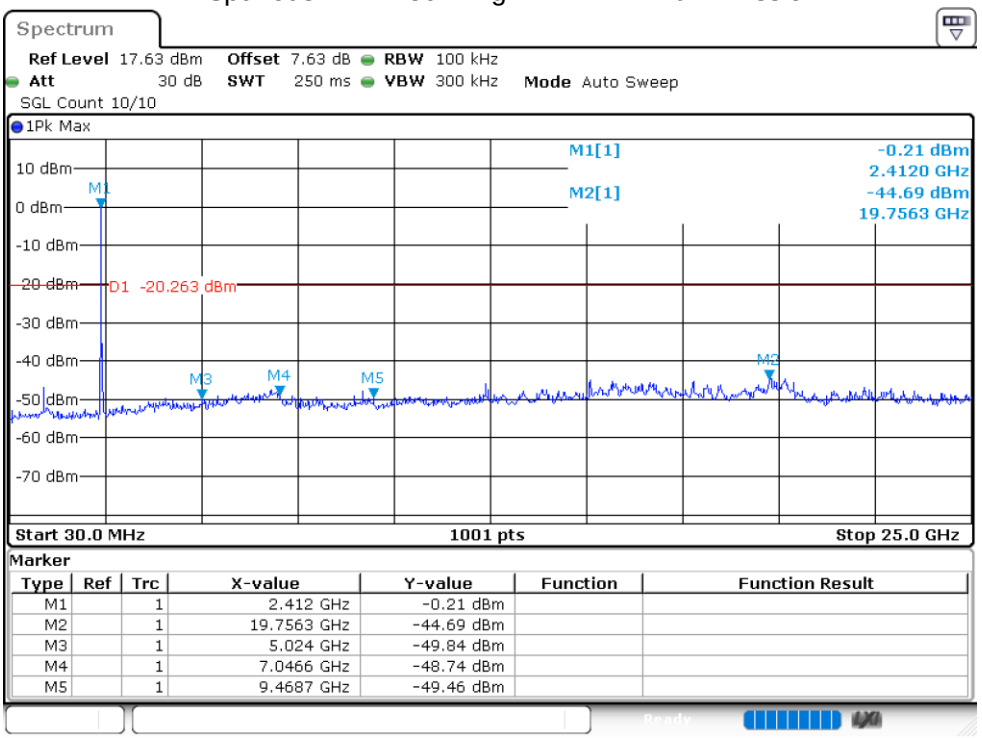
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.462 GHz	4.48 dBm		
M2		1	19.7813 GHz	-44.32 dBm		
M3		1	4.9741 GHz	-50.24 dBm		
M4		1	7.3712 GHz	-49.63 dBm		
M5		1	9.7184 GHz	-49.83 dBm		

Tx. Spurious NVNT 802.11g 2412MHz Ant1 Ref



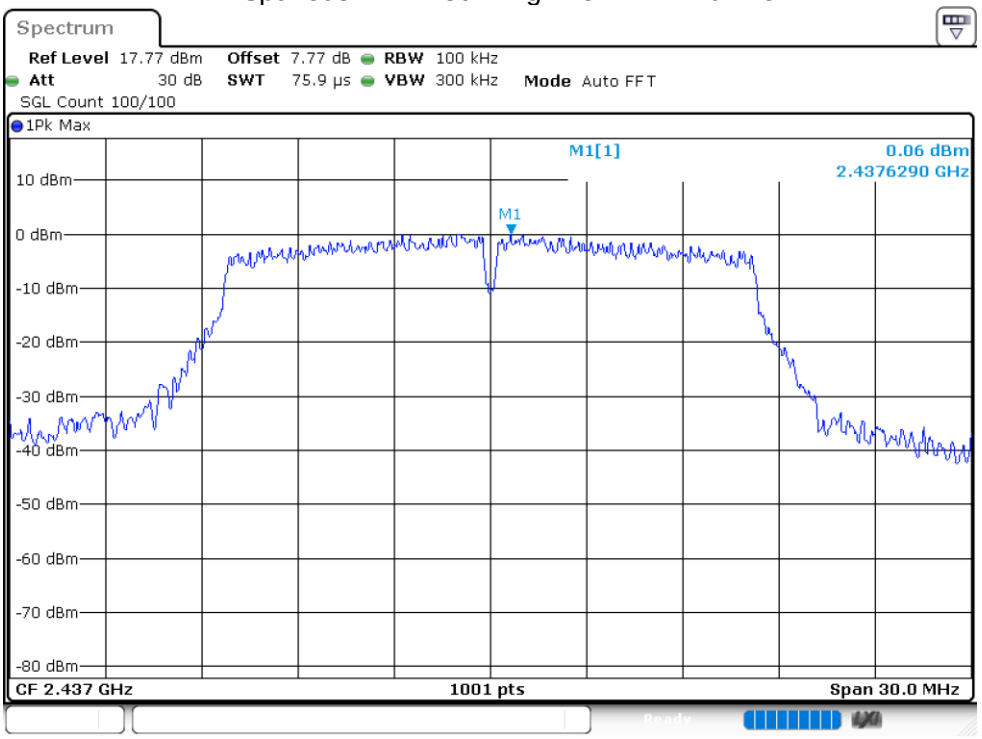
Tx. Spurious NVNT 802.11g 2412MHz Ant1 Emission



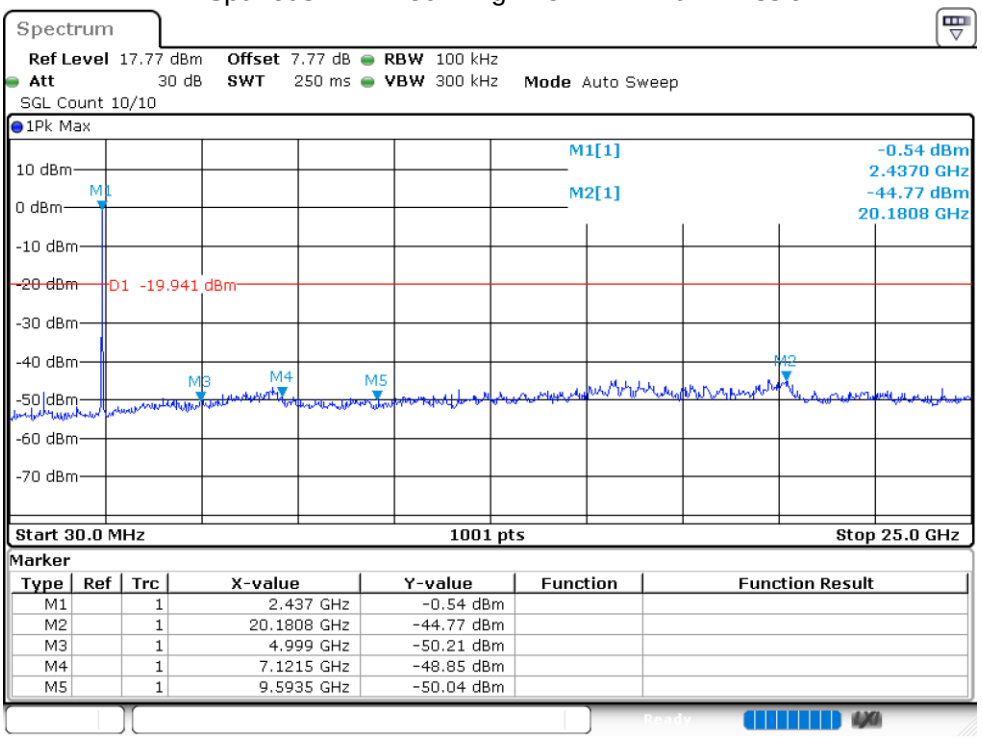
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.412 GHz	-0.21 dBm		
M2		1	19.7563 GHz	-44.69 dBm		
M3		1	5.024 GHz	-49.84 dBm		
M4		1	7.0466 GHz	-48.74 dBm		
M5		1	9.4687 GHz	-49.46 dBm		

Tx. Spurious NVNT 802.11g 2437MHz Ant1 Ref



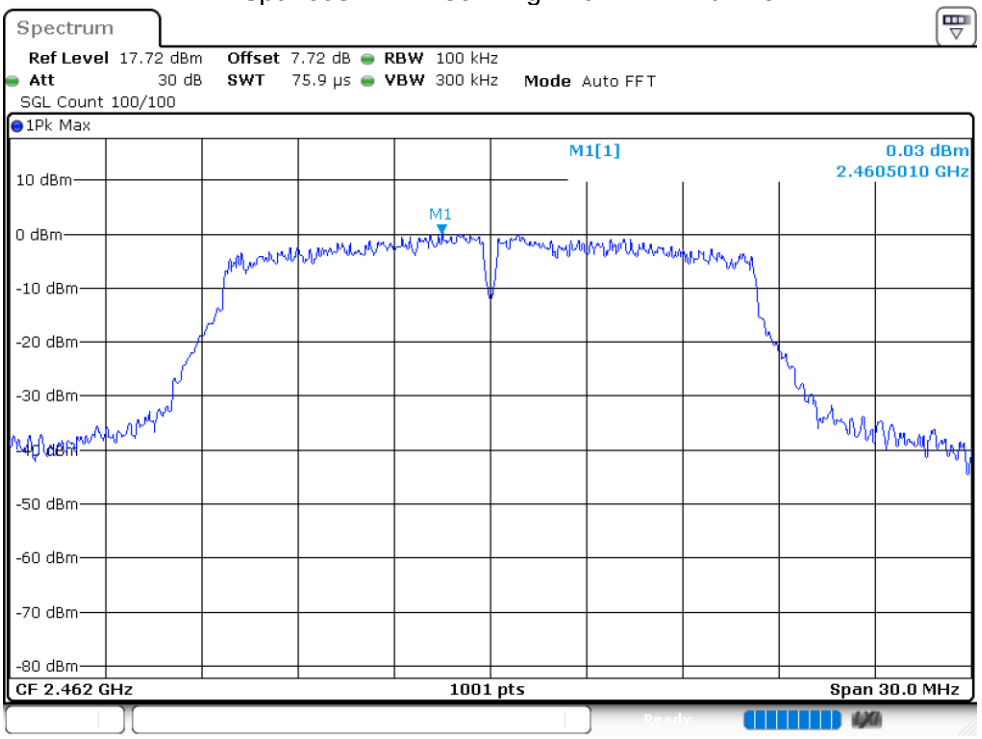
Tx. Spurious NVNT 802.11g 2437MHz Ant1 Emission



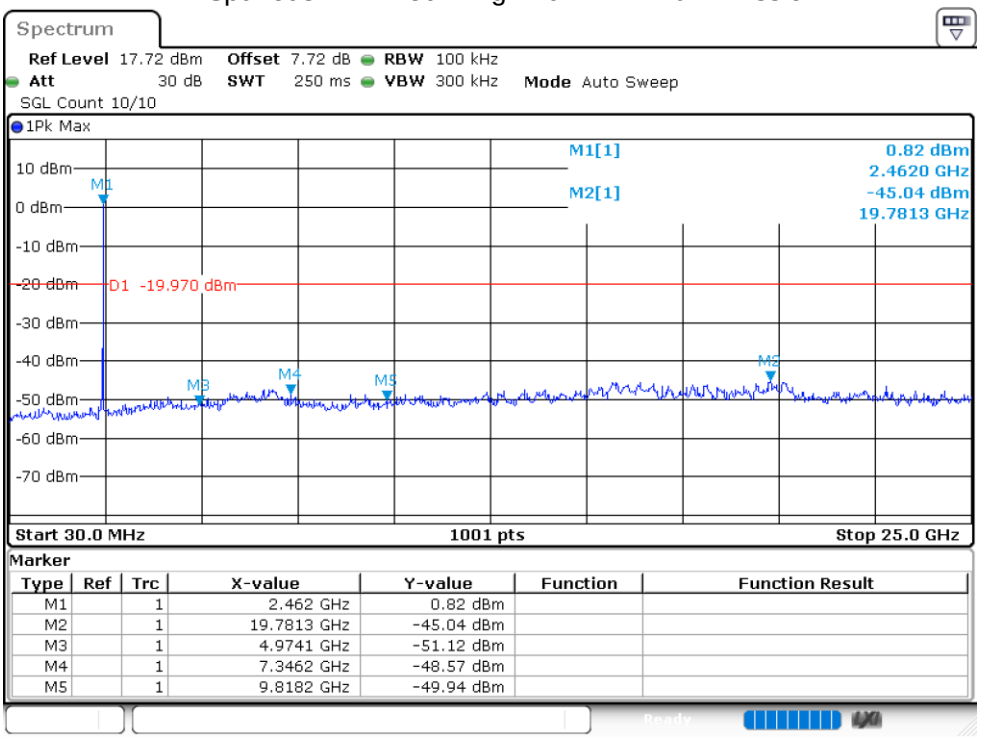
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.437 GHz	-0.54 dBm		
M2		1	20.1808 GHz	-44.77 dBm		
M3		1	4.999 GHz	-50.21 dBm		
M4		1	7.1215 GHz	-48.85 dBm		
M5		1	9.5935 GHz	-50.04 dBm		

Tx. Spurious NVNT 802.11g 2462MHz Ant1 Ref



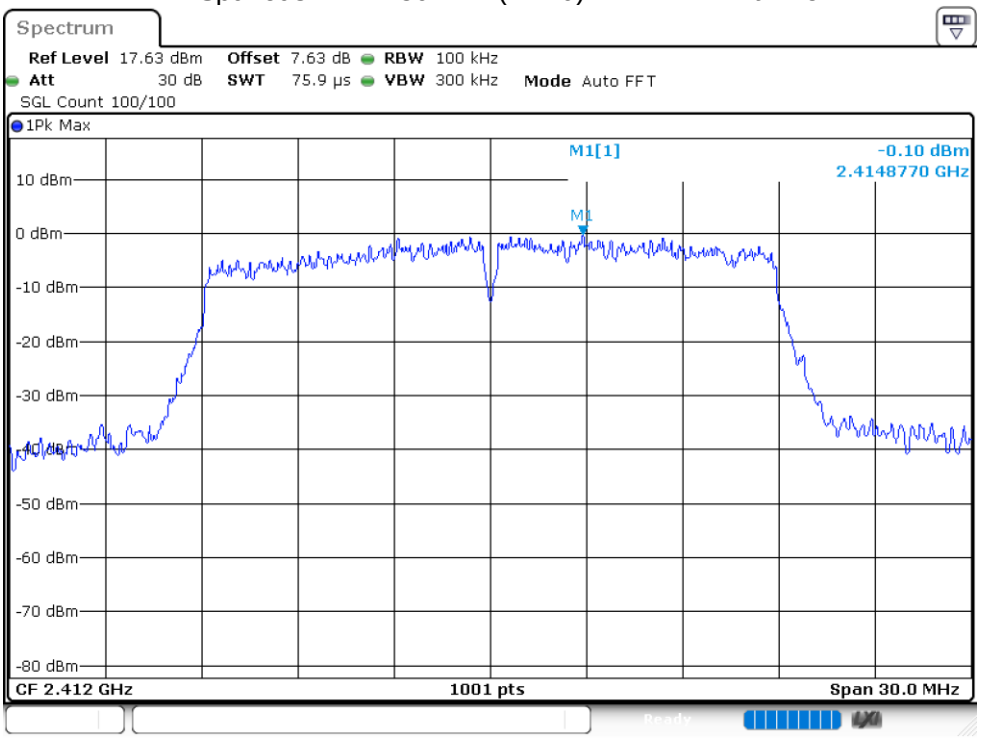
Tx. Spurious NVNT 802.11g 2462MHz Ant1 Emission



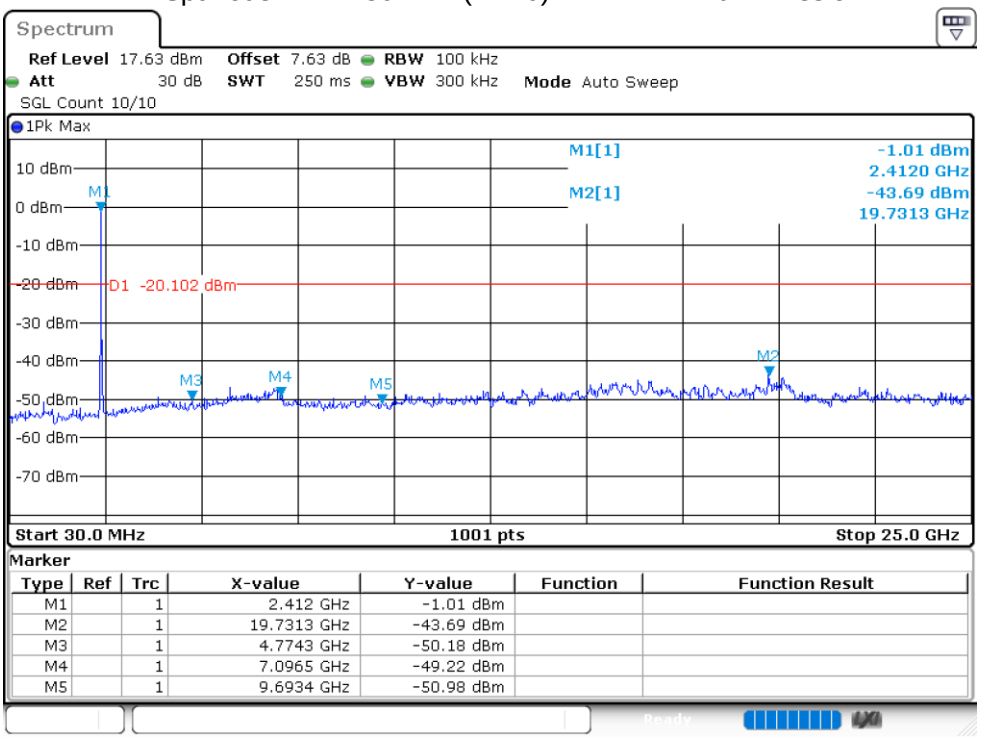
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.462 GHz	0.82 dBm		
M2		1	19.7813 GHz	-45.04 dBm		
M3		1	4.9741 GHz	-51.12 dBm		
M4		1	7.3462 GHz	-48.57 dBm		
M5		1	9.8182 GHz	-49.94 dBm		

Tx. Spurious NVNT 802.11n(HT20) 2412MHz Ant1 Ref



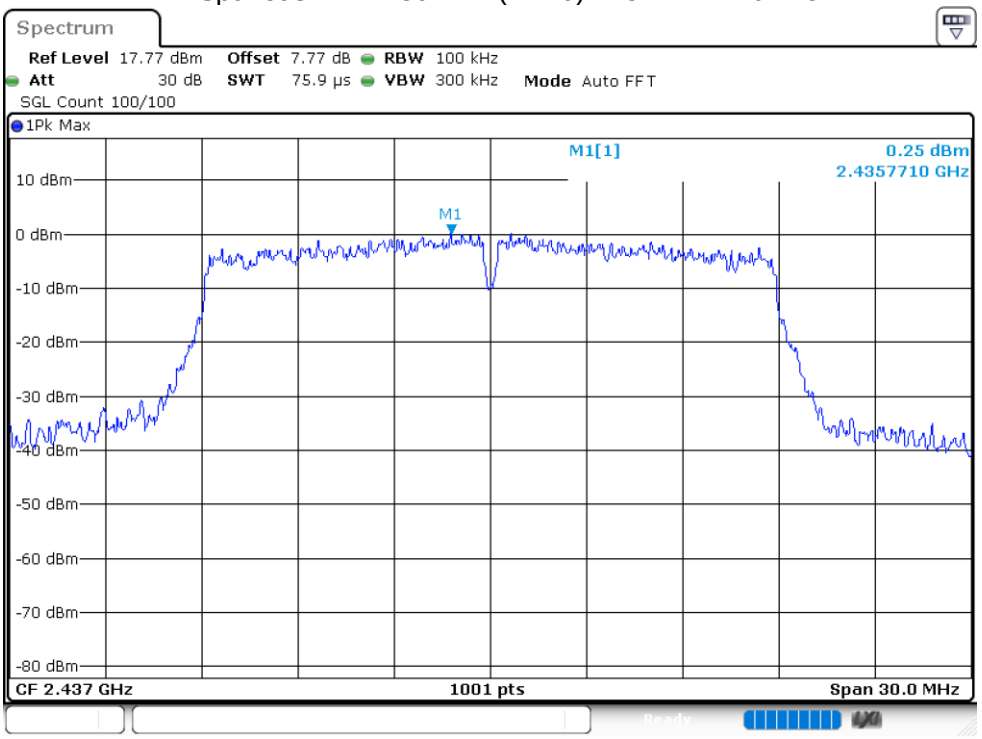
Tx. Spurious NVNT 802.11n(HT20) 2412MHz Ant1 Emission



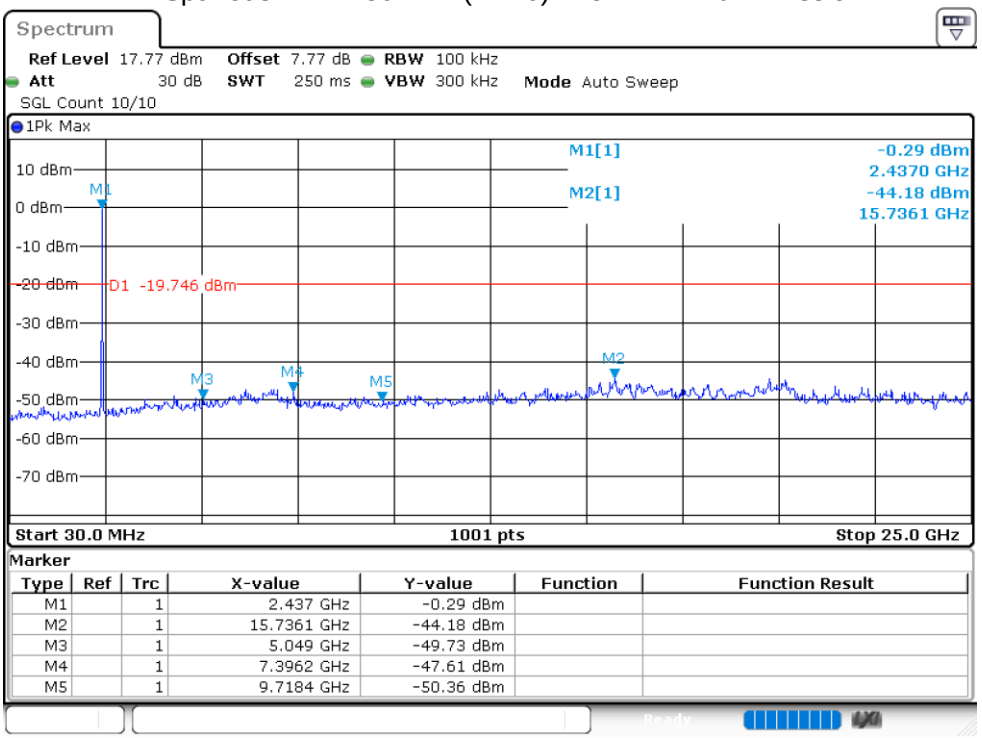
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.412 GHz	-1.01 dBm		
M2		1	19.7313 GHz	-43.69 dBm		
M3		1	4.7743 GHz	-50.18 dBm		
M4		1	7.0965 GHz	-49.22 dBm		
M5		1	9.6934 GHz	-50.98 dBm		

Tx. Spurious NVNT 802.11n(HT20) 2437MHz Ant1 Ref



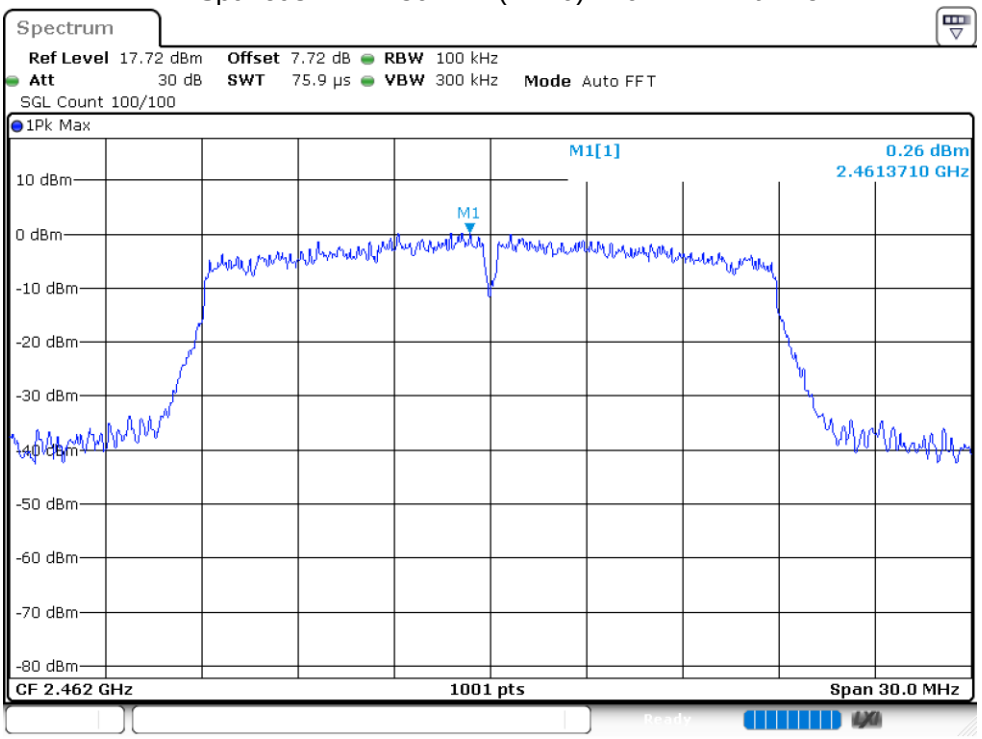
Tx. Spurious NVNT 802.11n(HT20) 2437MHz Ant1 Emission



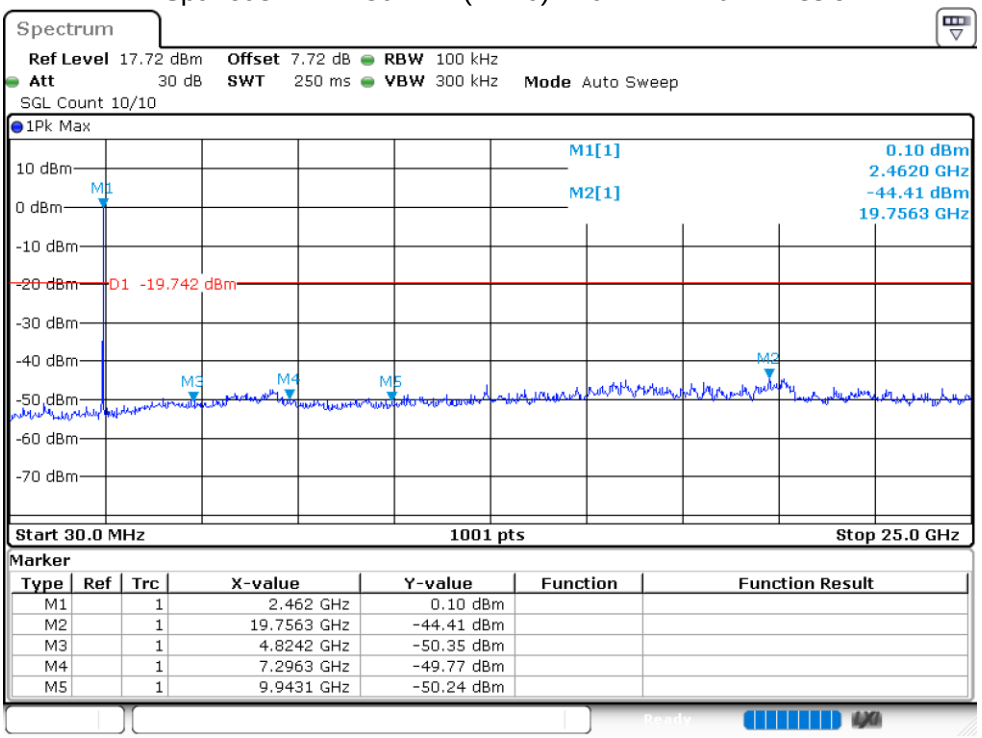
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.437 GHz	-0.29 dBm		
M2		1	15.7361 GHz	-44.18 dBm		
M3		1	5.049 GHz	-49.73 dBm		
M4		1	7.3962 GHz	-47.61 dBm		
M5		1	9.7184 GHz	-50.36 dBm		

Tx. Spurious NVNT 802.11n(HT20) 2462MHz Ant1 Ref



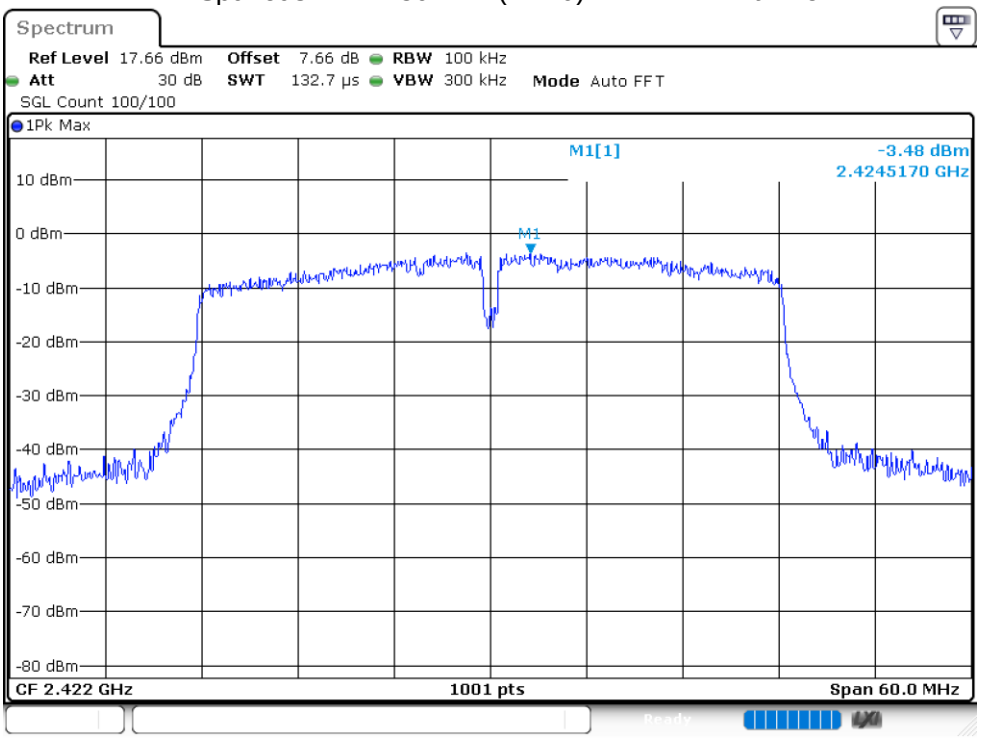
Tx. Spurious NVNT 802.11n(HT20) 2462MHz Ant1 Emission



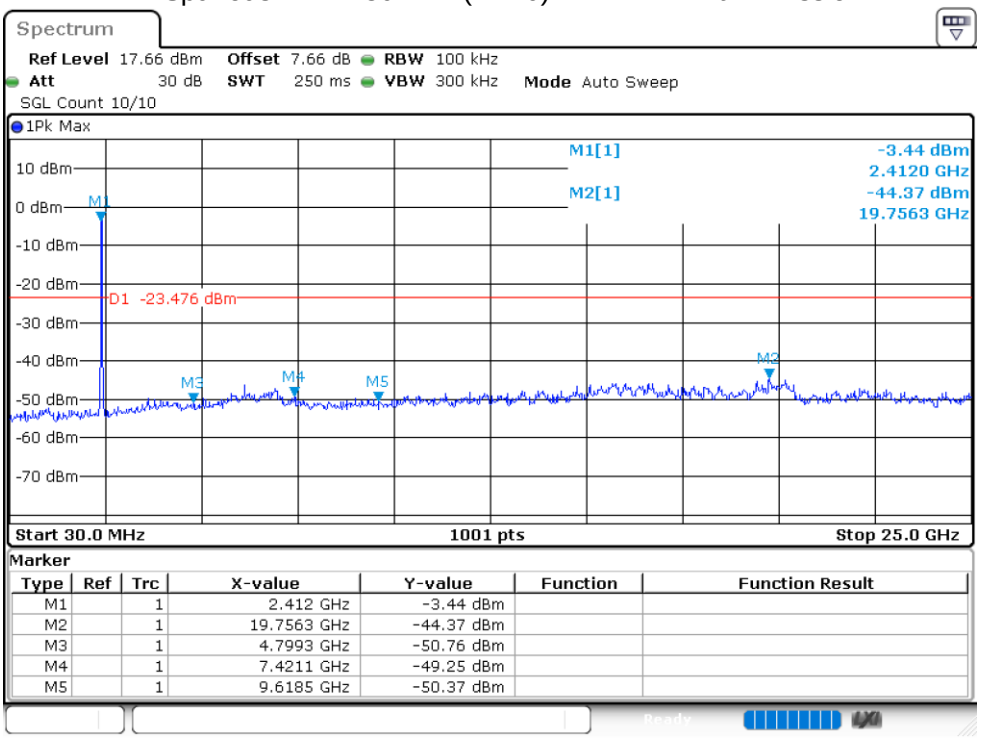
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.462 GHz	0.10 dBm		
M2		1	19.7563 GHz	-44.41 dBm		
M3		1	4.8242 GHz	-50.35 dBm		
M4		1	7.2963 GHz	-49.77 dBm		
M5		1	9.9431 GHz	-50.24 dBm		

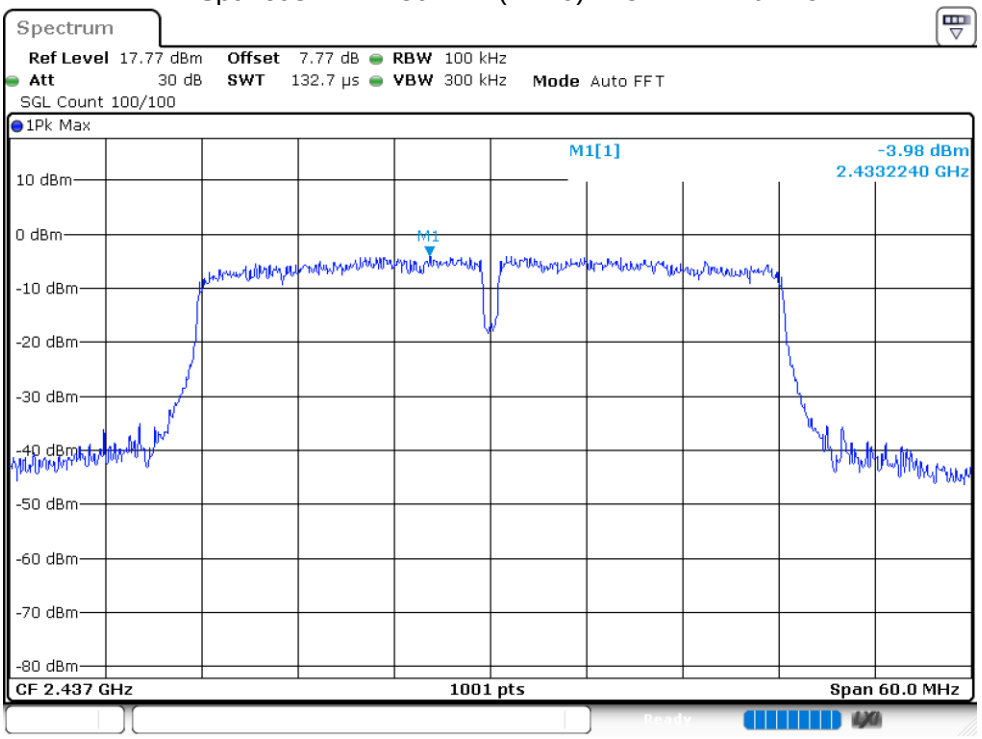
Tx. Spurious NVNT 802.11n(HT40) 2422MHz Ant1 Ref



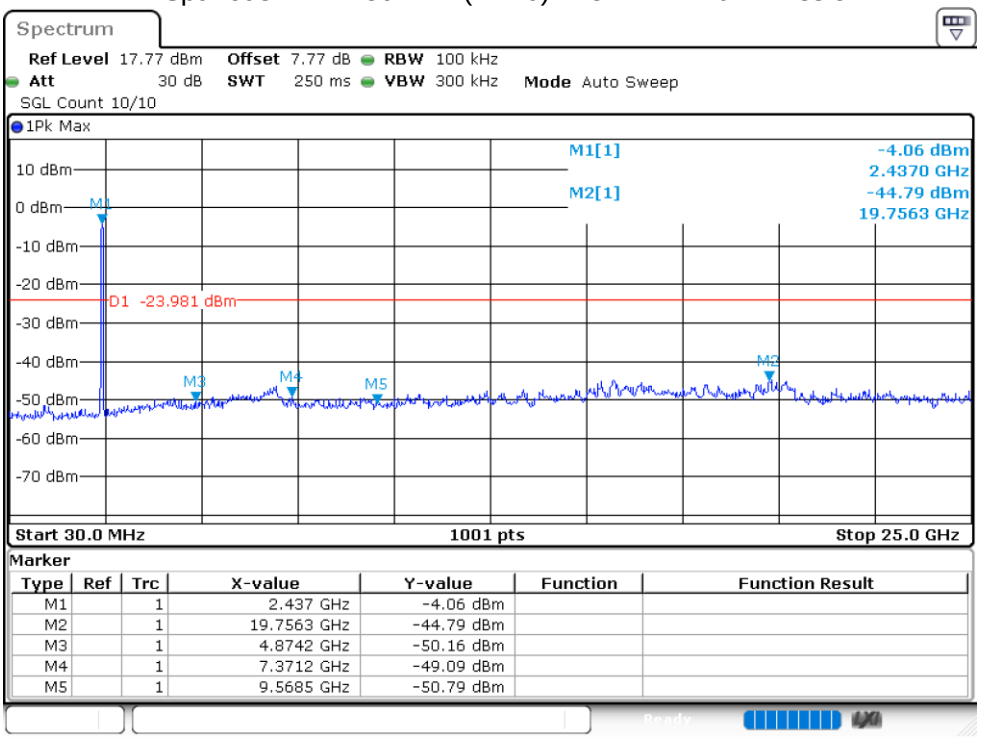
Tx. Spurious NVNT 802.11n(HT40) 2422MHz Ant1 Emission



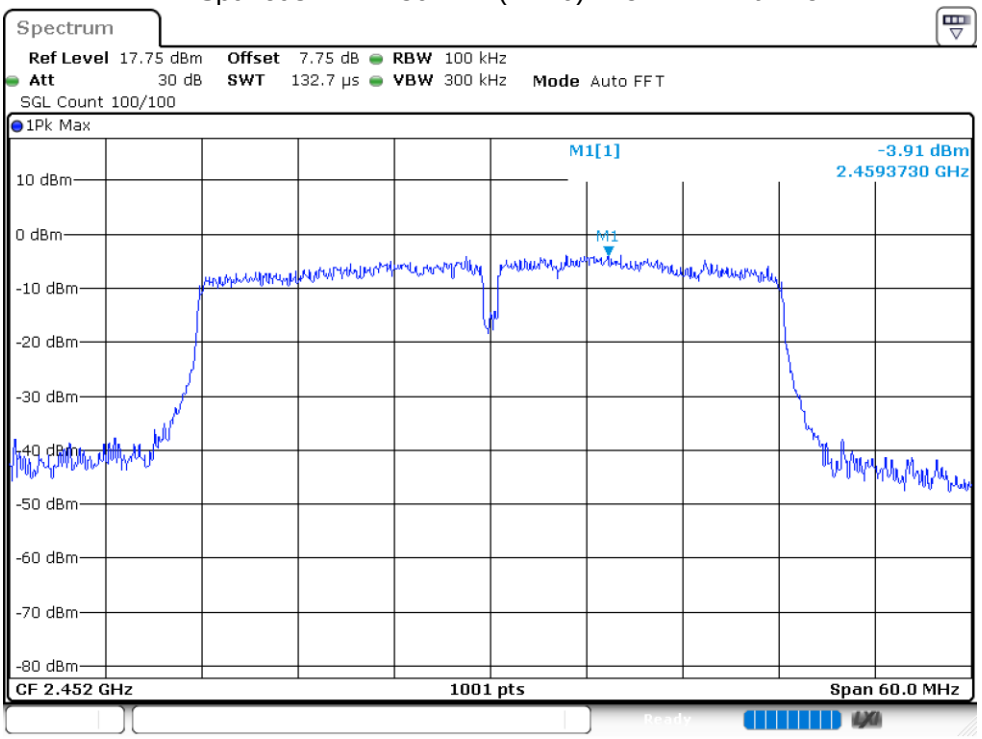
Tx. Spurious NVNT 802.11n(HT40) 2437MHz Ant1 Ref



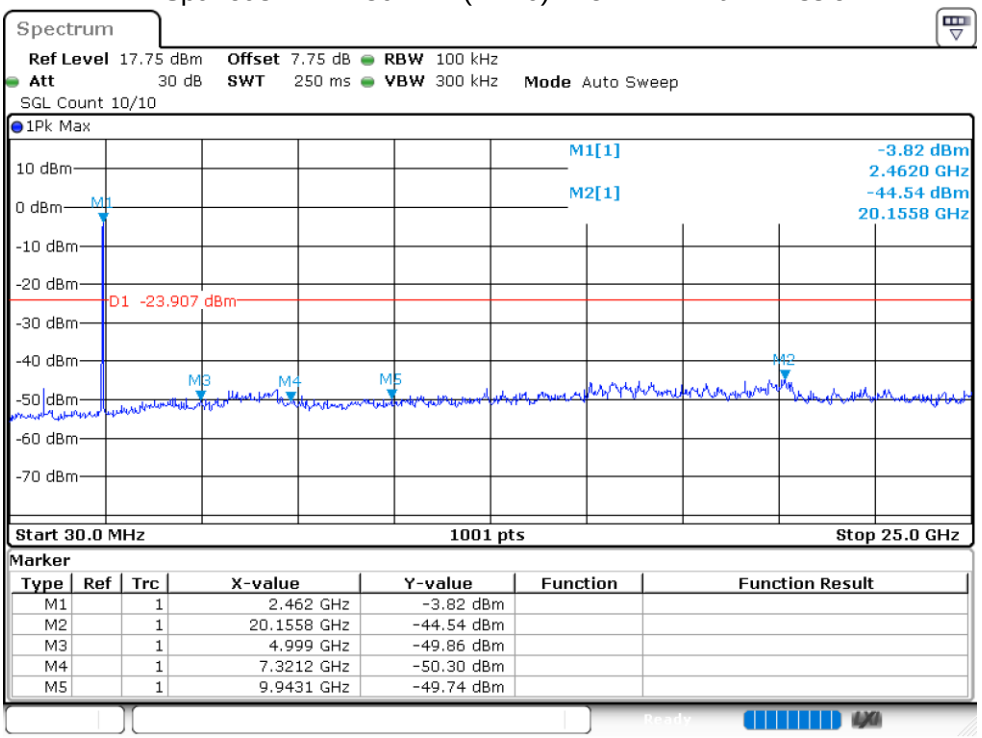
Tx. Spurious NVNT 802.11n(HT40) 2437MHz Ant1 Emission



Tx. Spurious NVNT 802.11n(HT40) 2452MHz Ant1 Ref



Tx. Spurious NVNT 802.11n(HT40) 2452MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.462 GHz	-3.82 dBm		
M2		1	20.1558 GHz	-44.54 dBm		
M3		1	4.999 GHz	-49.86 dBm		
M4		1	7.3212 GHz	-50.30 dBm		
M5		1	9.9431 GHz	-49.74 dBm		

END OF REPORT