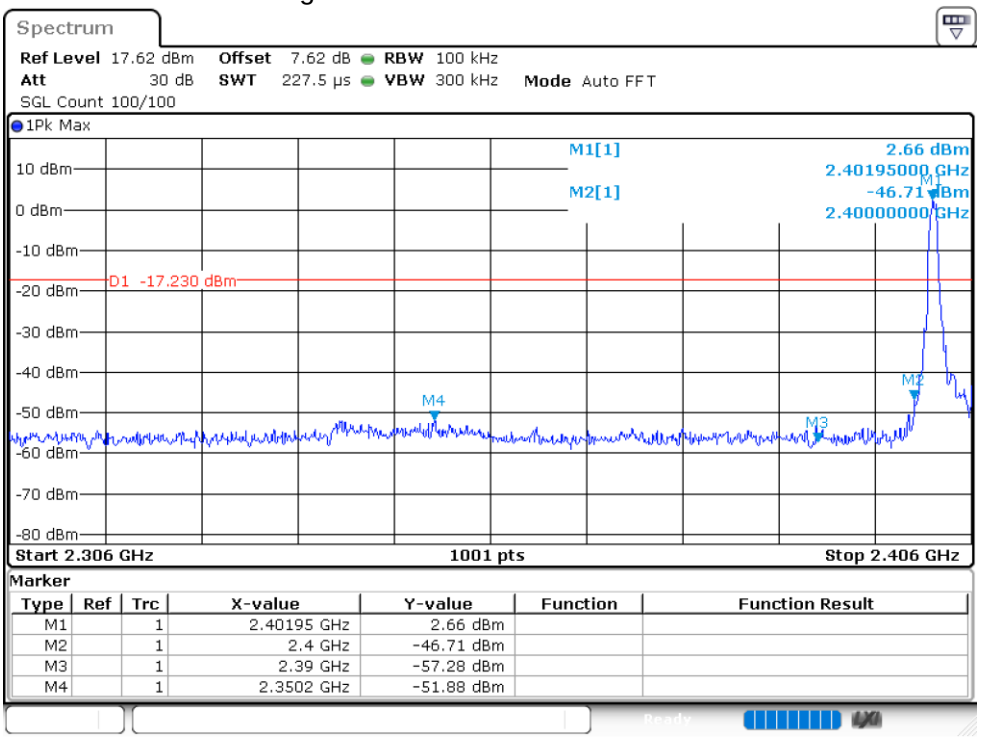
8.1 BAND EDGE

Left(1MHz):

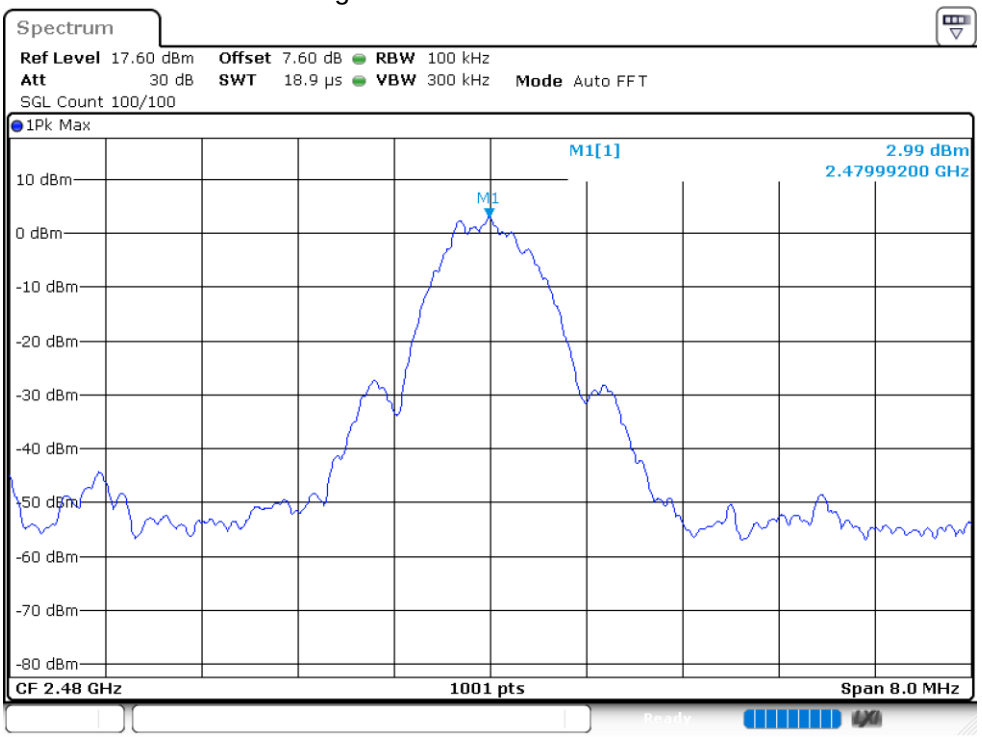
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant 1	-54.64	-20	Pass
NVNT	BLE	2480	Ant 1	-52.47	-20	Pass

Band Edge NVNT BLE 2402MHz Ant1 Ref

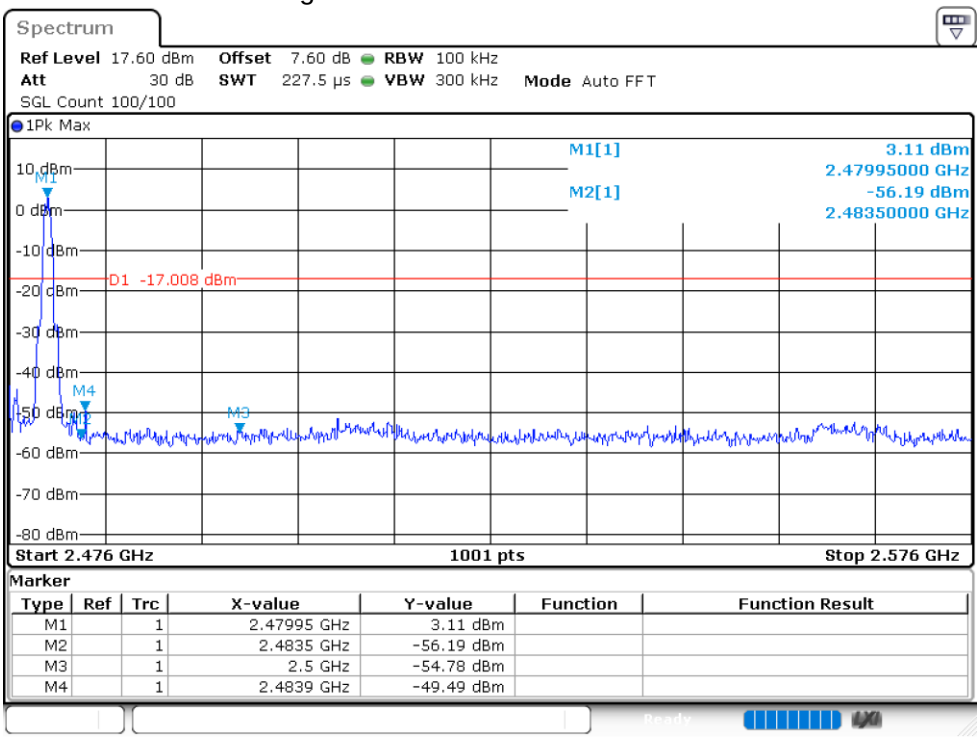
Band Edge NVNT BLE 2402MHz Ant1 Emission



Band Edge NVNT BLE 2480MHz Ant1 Ref



Band Edge NVNT BLE 2480MHz Ant1 Emission



Marker

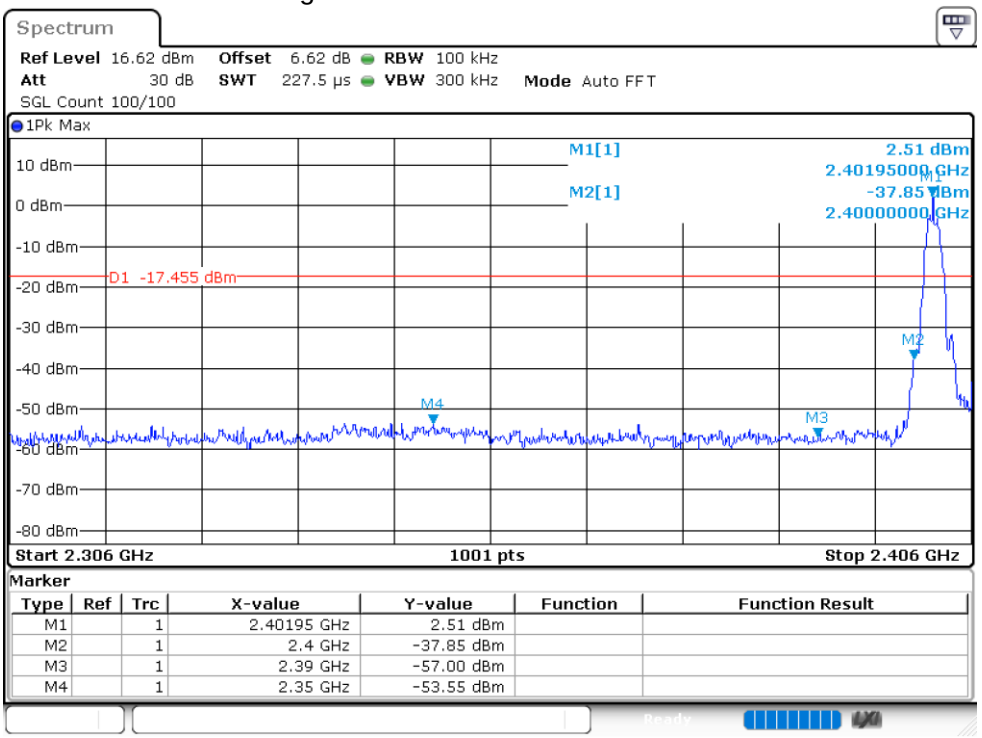
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47995 GHz	3.11 dBm		
M2		1	2.4835 GHz	-56.19 dBm		
M3		1	2.5 GHz	-54.78 dBm		
M4		1	2.4839 GHz	-49.49 dBm		

Left (2MHz):

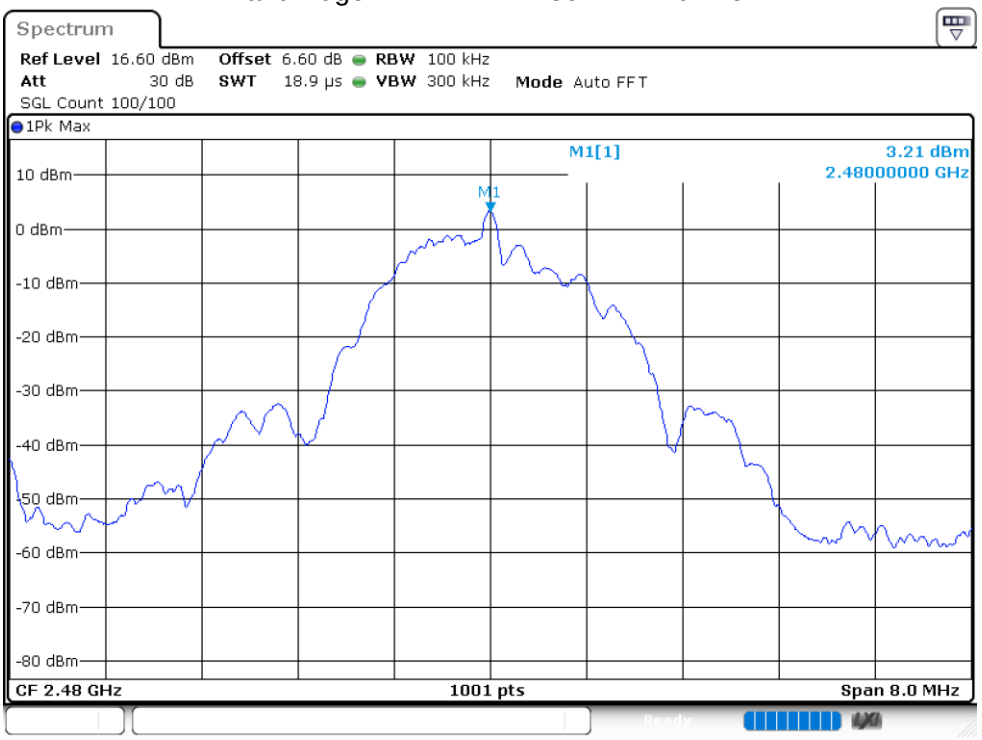
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant 1	-56.09	-20	Pass
NVNT	BLE	2480	Ant 1	-56.3	-20	Pass

Band Edge NVNT BLE 2402MHz Ant1 Ref

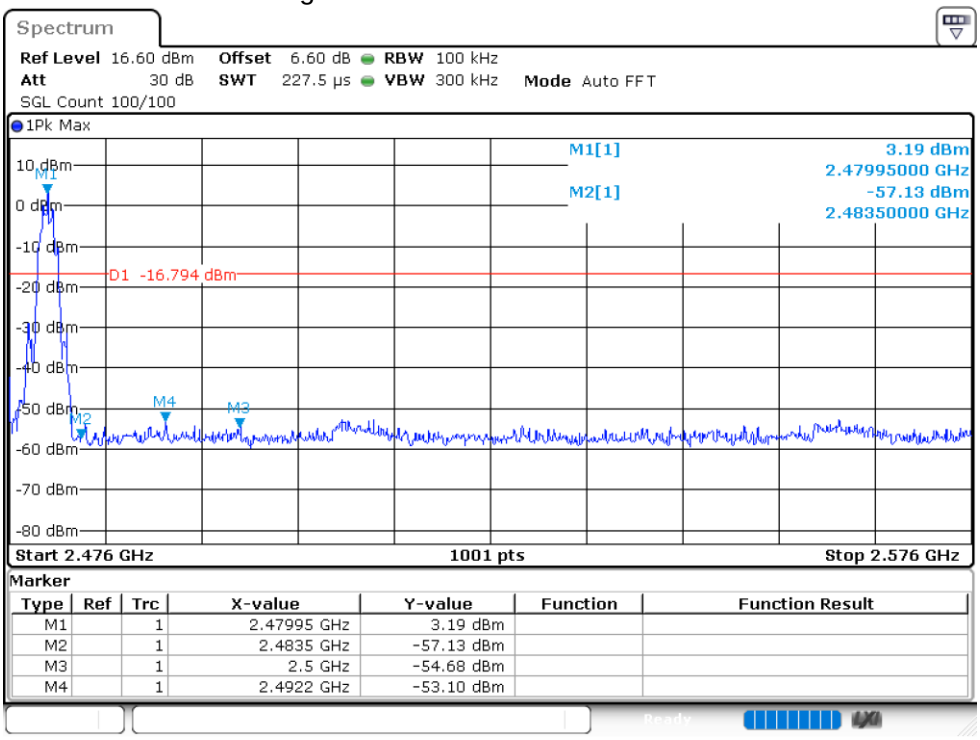
Band Edge NVNT BLE 2402MHz Ant1 Emission



Band Edge NVNT BLE 2480MHz Ant1 Ref



Band Edge NVNT BLE 2480MHz Ant1 Emission



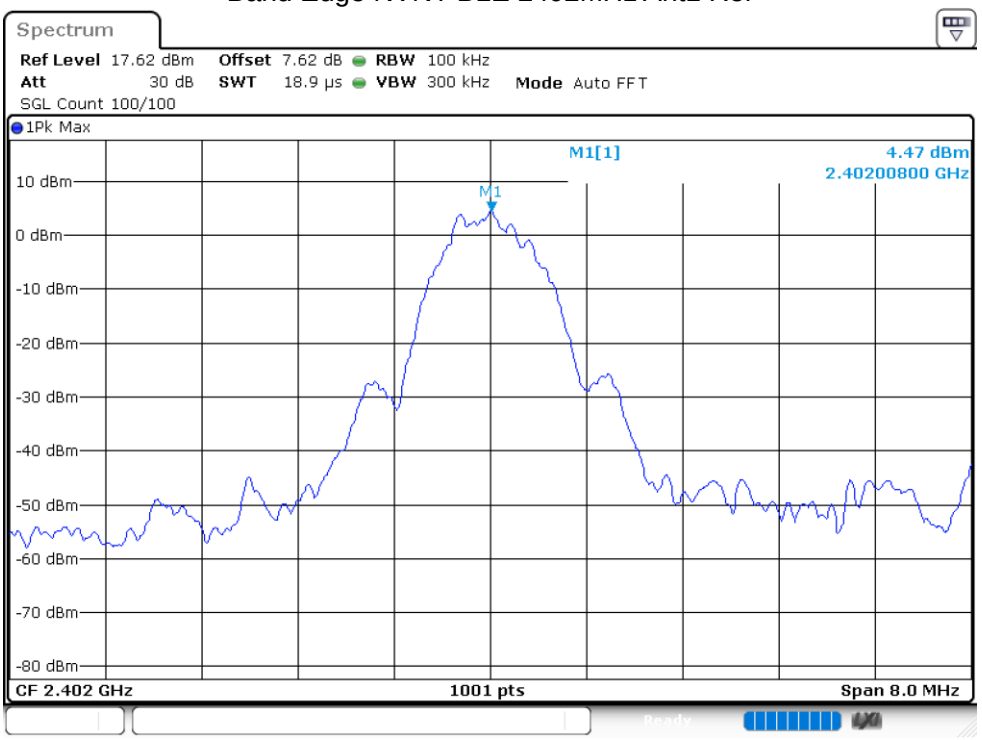
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47995 GHz	3.19 dBm		
M2		1	2.4835 GHz	-57.13 dBm		
M3		1	2.5 GHz	-54.68 dBm		
M4		1	2.4922 GHz	-53.10 dBm		

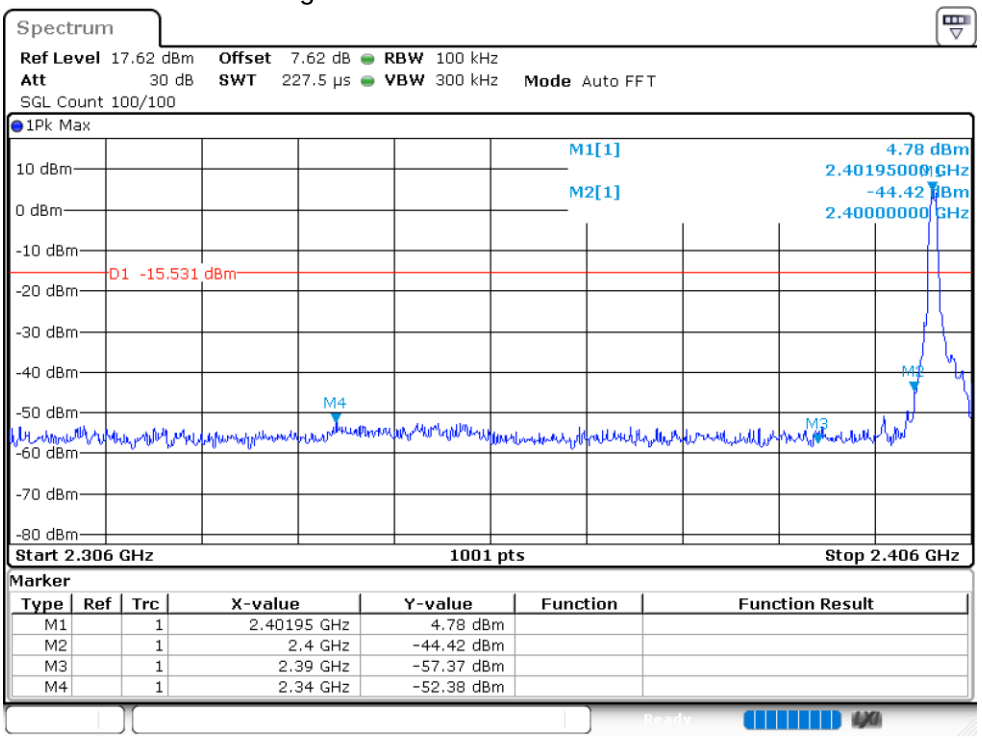
Right (1MHz):

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant 1	-56.84	-20	Pass
NVNT	BLE	2480	Ant 1	-57.25	-20	Pass

Band Edge NVNT BLE 2402MHz Ant1 Ref



Band Edge NVNT BLE 2402MHz Ant1 Emission

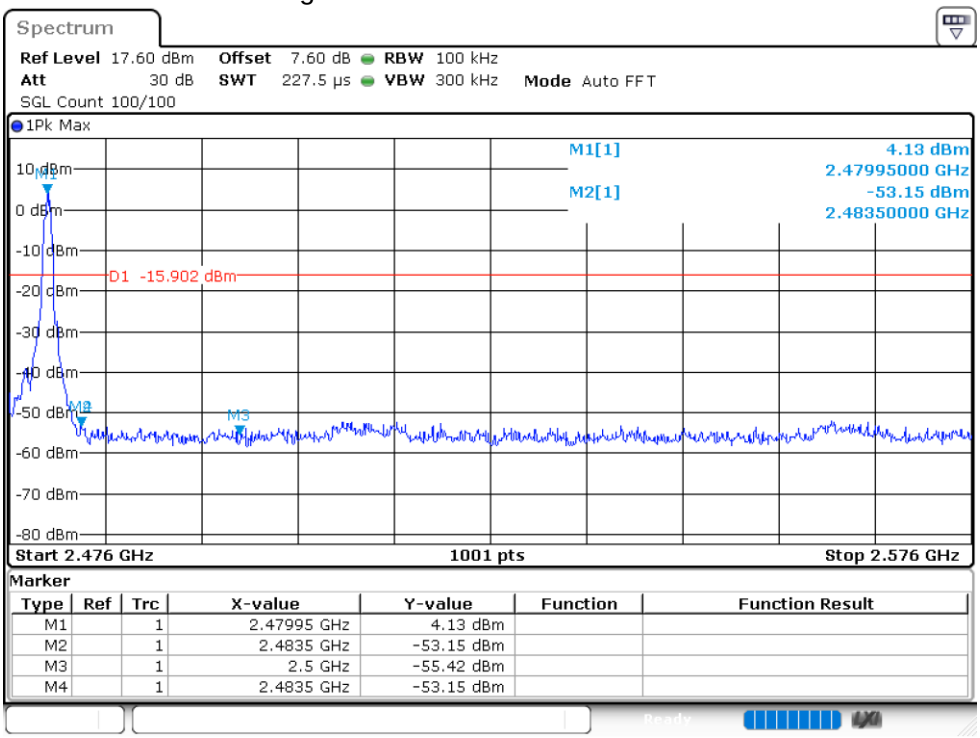


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40195 GHz	4.78 dBm		
M2		1	2.4 GHz	-44.42 dBm		
M3		1	2.39 GHz	-57.37 dBm		
M4		1	2.34 GHz	-52.38 dBm		

Band Edge NVNT BLE 2480MHz Ant1 Ref

Band Edge NVNT BLE 2480MHz Ant1 Emission



Marker

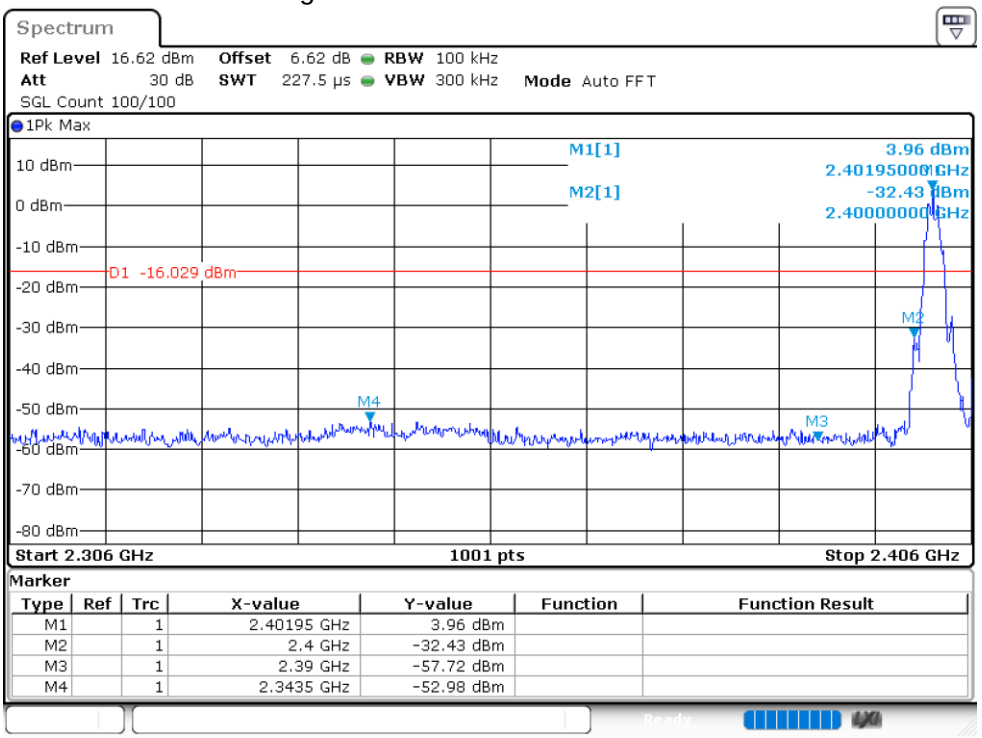
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47995 GHz	4.13 dBm		
M2		1	2.4835 GHz	-53.15 dBm		
M3		1	2.5 GHz	-55.42 dBm		
M4		1	2.4835 GHz	-53.15 dBm		

Right (2MHz):

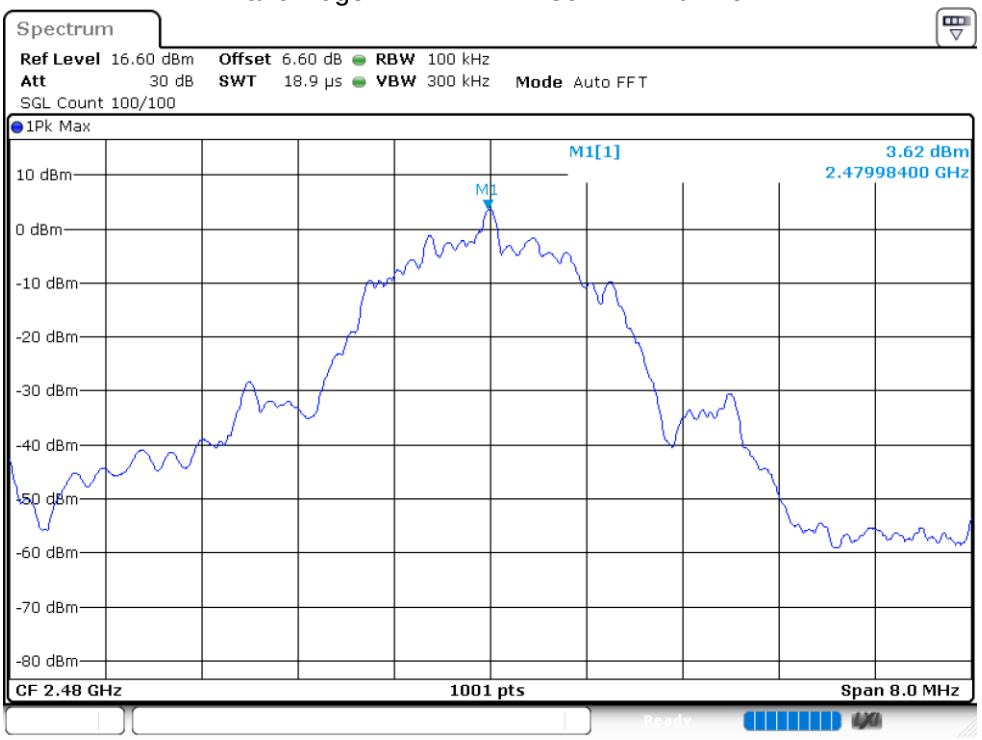
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant 1	-56.94	-20	Pass
NVNT	BLE	2480	Ant 1	-57.06	-20	Pass

Band Edge NVNT BLE 2402MHz Ant1 Ref

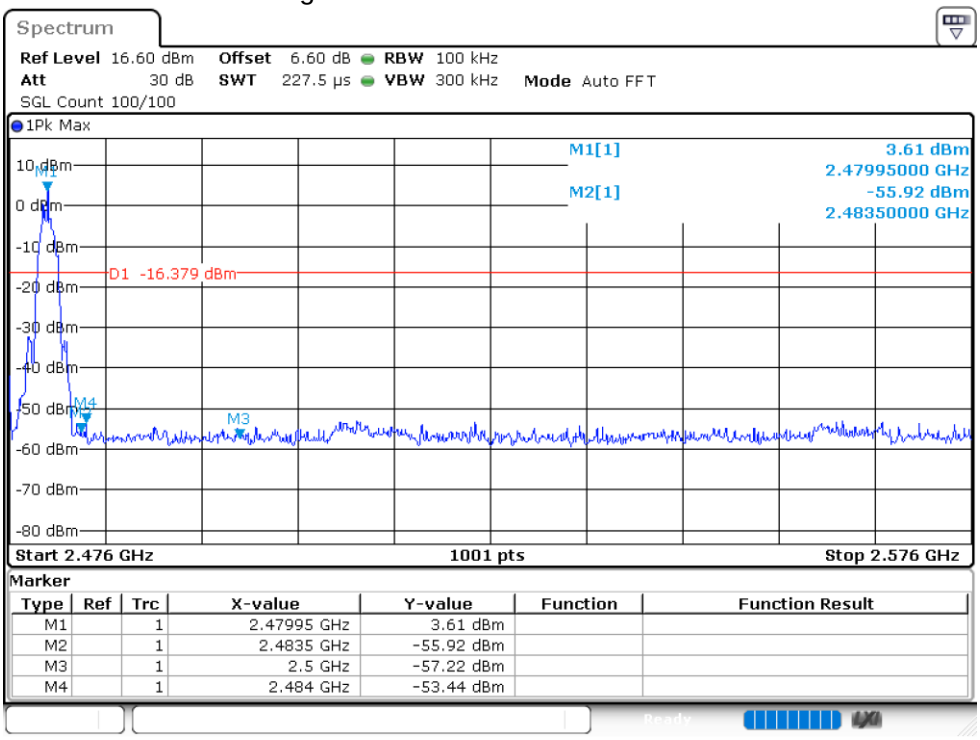
Band Edge NVNT BLE 2402MHz Ant1 Emission



Band Edge NVNT BLE 2480MHz Ant1 Ref



Band Edge NVNT BLE 2480MHz Ant1 Emission



Marker

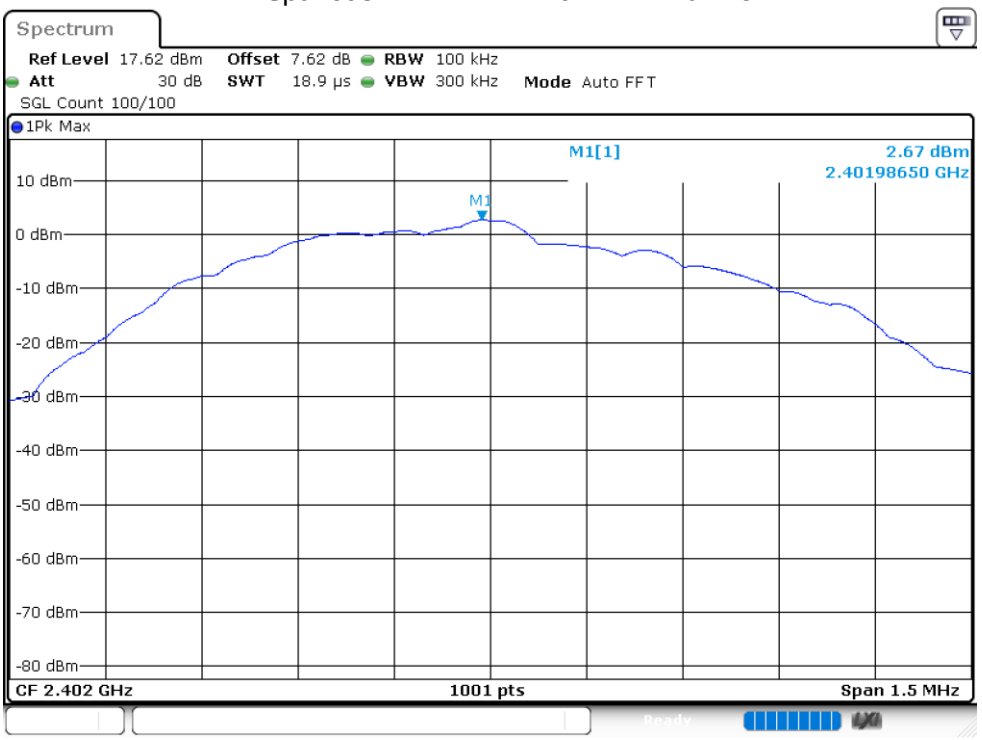
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47995 GHz	3.61 dBm		
M2		1	2.4835 GHz	-55.92 dBm		
M3		1	2.5 GHz	-57.22 dBm		
M4		1	2.484 GHz	-53.44 dBm		

8.1 CONDUCTED RF SPURIOUS EMISSION

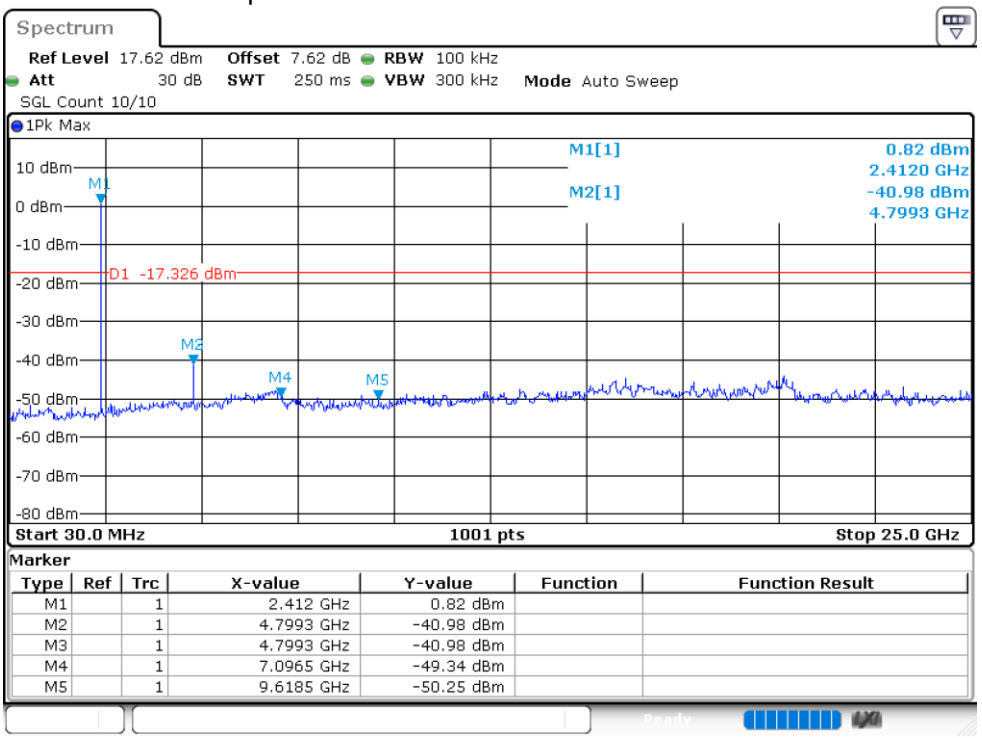
Left(1MHz):

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant 1	-43.64	-20	Pass
NVNT	BLE	2440	Ant 1	-43.02	-20	Pass
NVNT	BLE	2480	Ant 1	-48.01	-20	Pass

Tx. Spurious NVNT BLE 2402MHz Ant1 Ref



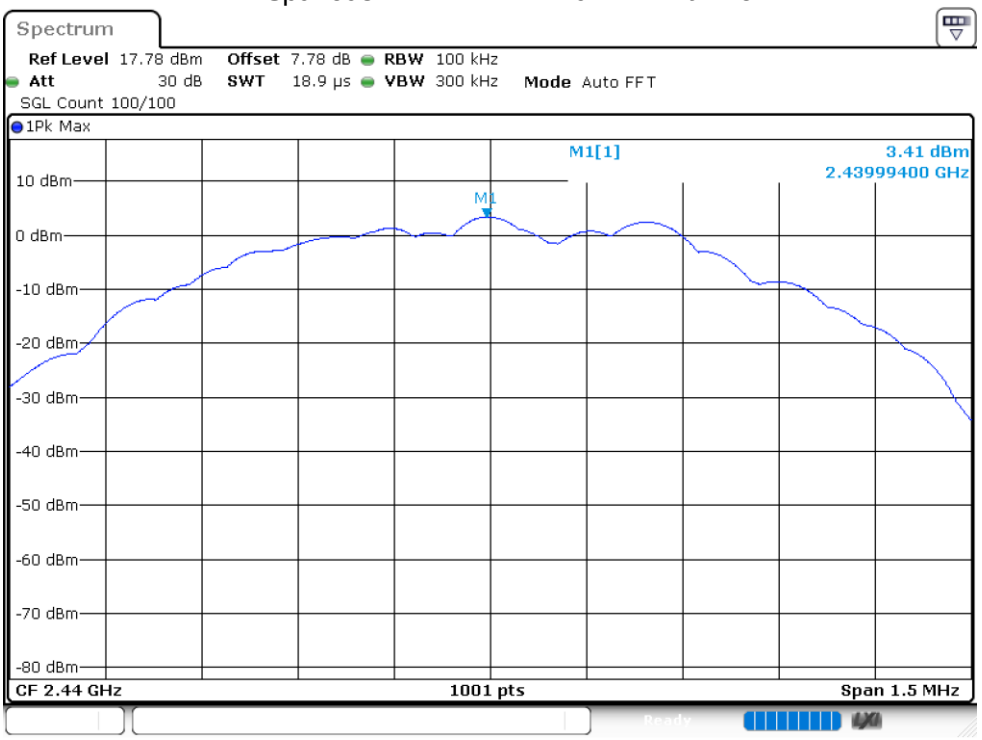
Tx. Spurious NVNT BLE 2402MHz Ant1 Emission



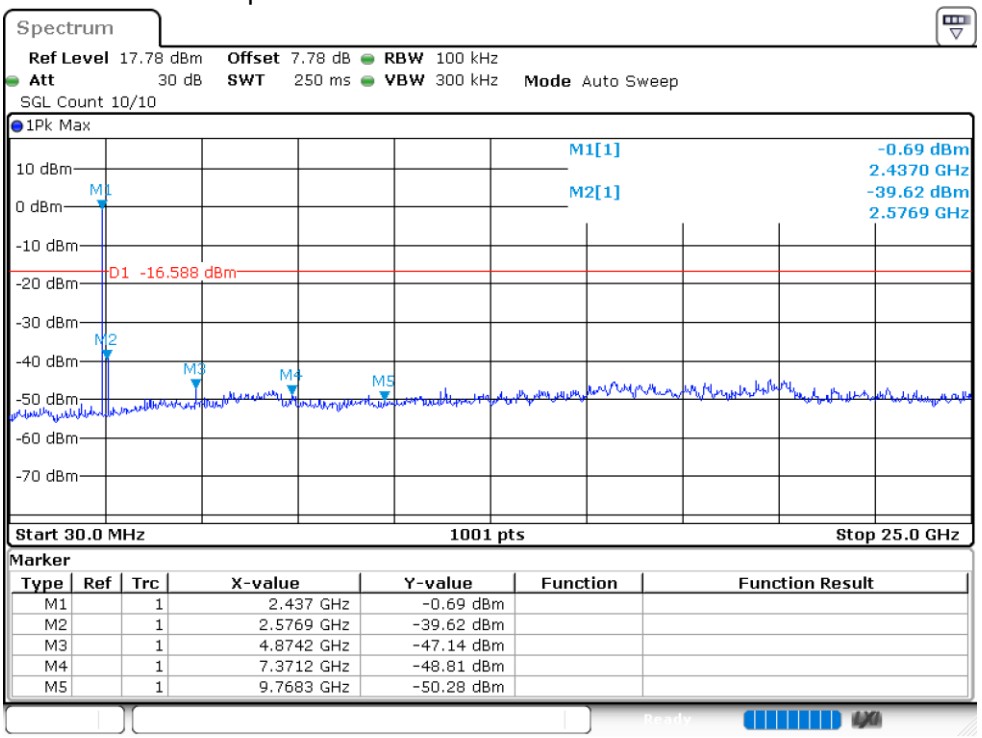
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.412 GHz	0.82 dBm		
M2		1	4.7993 GHz	-40.98 dBm		
M3		1	4.7993 GHz	-40.98 dBm		
M4		1	7.0965 GHz	-49.34 dBm		
M5		1	9.6185 GHz	-50.25 dBm		

Tx. Spurious NVNT BLE 2440MHz Ant1 Ref



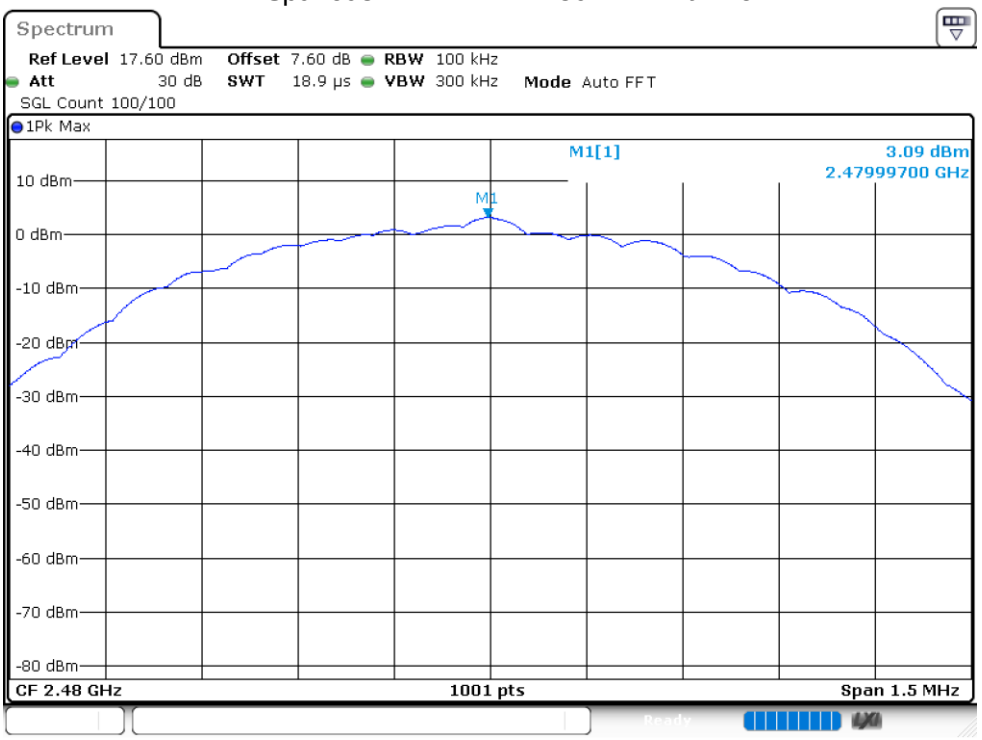
Tx. Spurious NVNT BLE 2440MHz Ant1 Emission



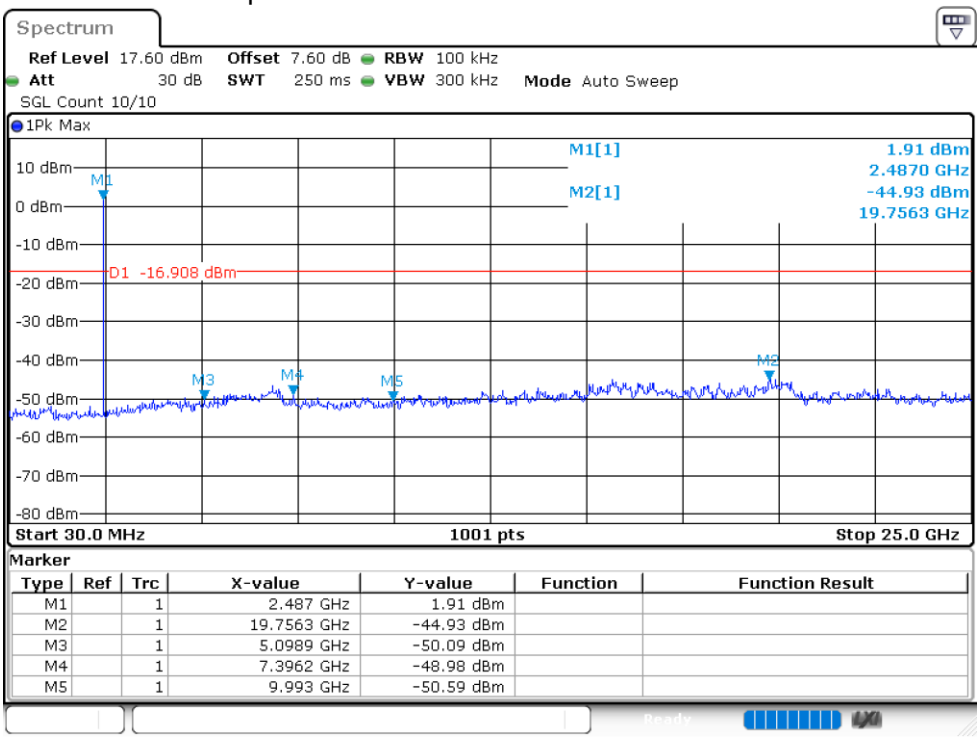
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.437 GHz	-0.69 dBm		
M2		1	2.5769 GHz	-39.62 dBm		
M3		1	4.8742 GHz	-47.14 dBm		
M4		1	7.3712 GHz	-48.81 dBm		
M5		1	9.7683 GHz	-50.28 dBm		

Tx. Spurious NVNT BLE 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 2480MHz Ant1 Emission



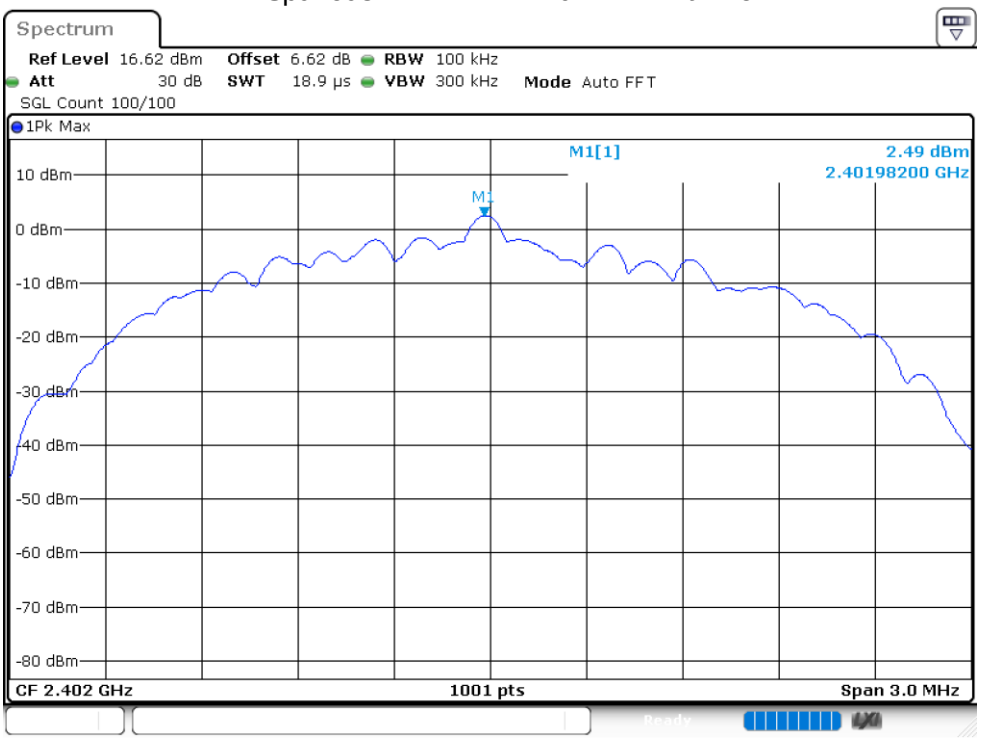
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.487 GHz	1.91 dBm		
M2		1	19.7563 GHz	-44.93 dBm		
M3		1	5.0989 GHz	-50.09 dBm		
M4		1	7.3962 GHz	-48.98 dBm		
M5		1	9.993 GHz	-50.59 dBm		

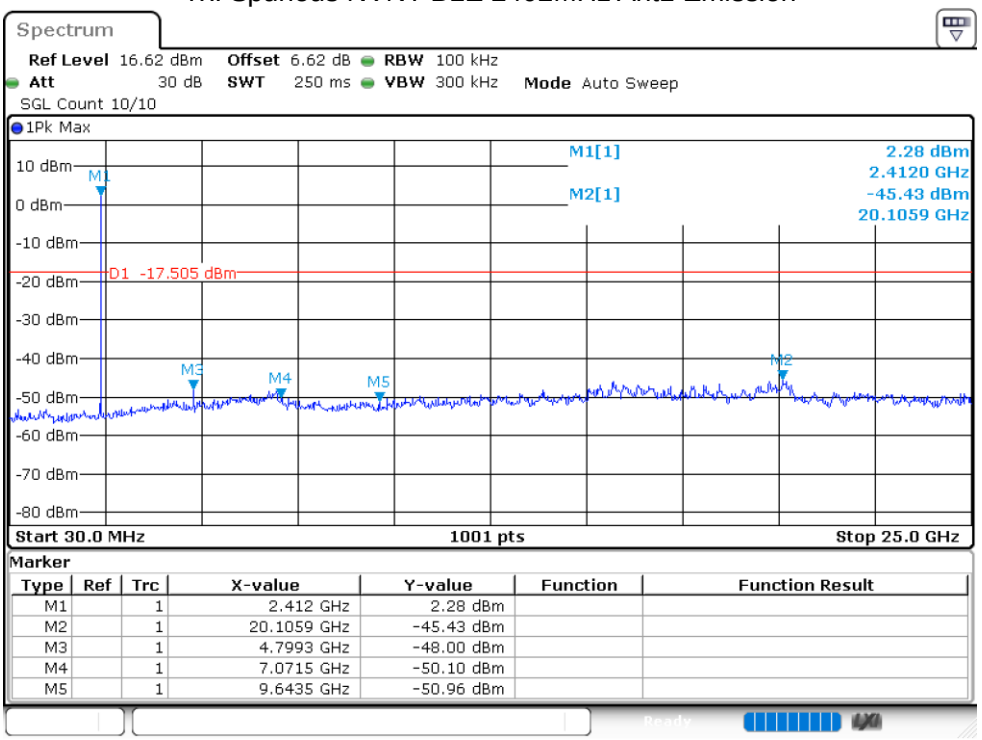
Left (2MHz):

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant 1	-47.91	-20	Pass
NVNT	BLE	2440	Ant 1	-48.72	-20	Pass
NVNT	BLE	2480	Ant 1	-48.88	-20	Pass

Tx. Spurious NVNT BLE 2402MHz Ant1 Ref



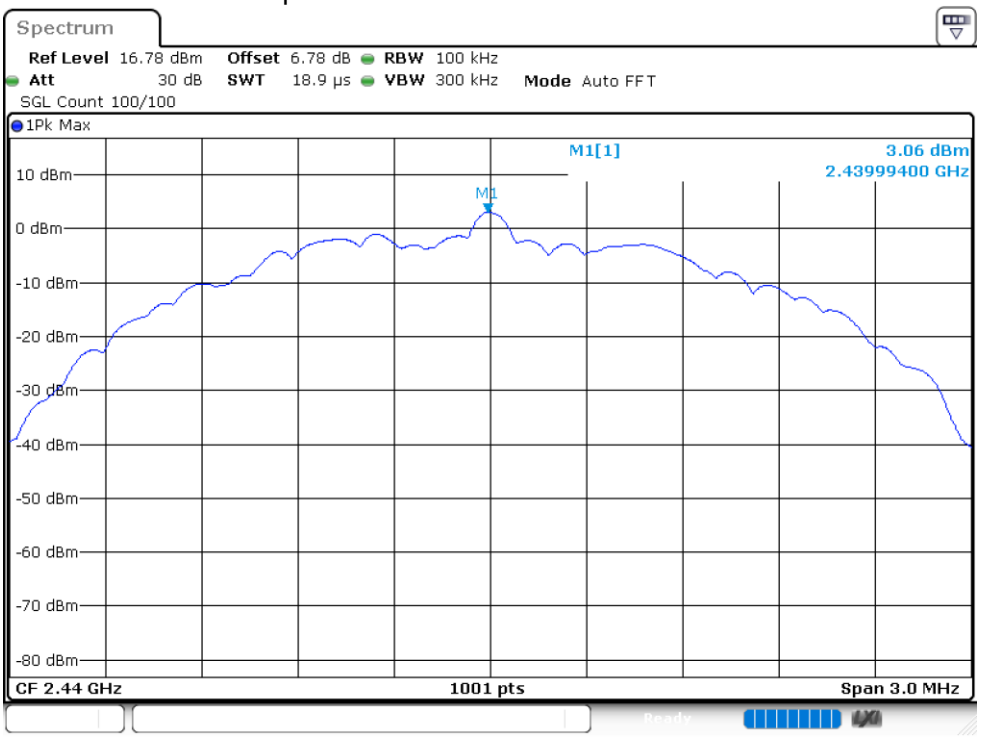
Tx. Spurious NVNT BLE 2402MHz Ant1 Emission



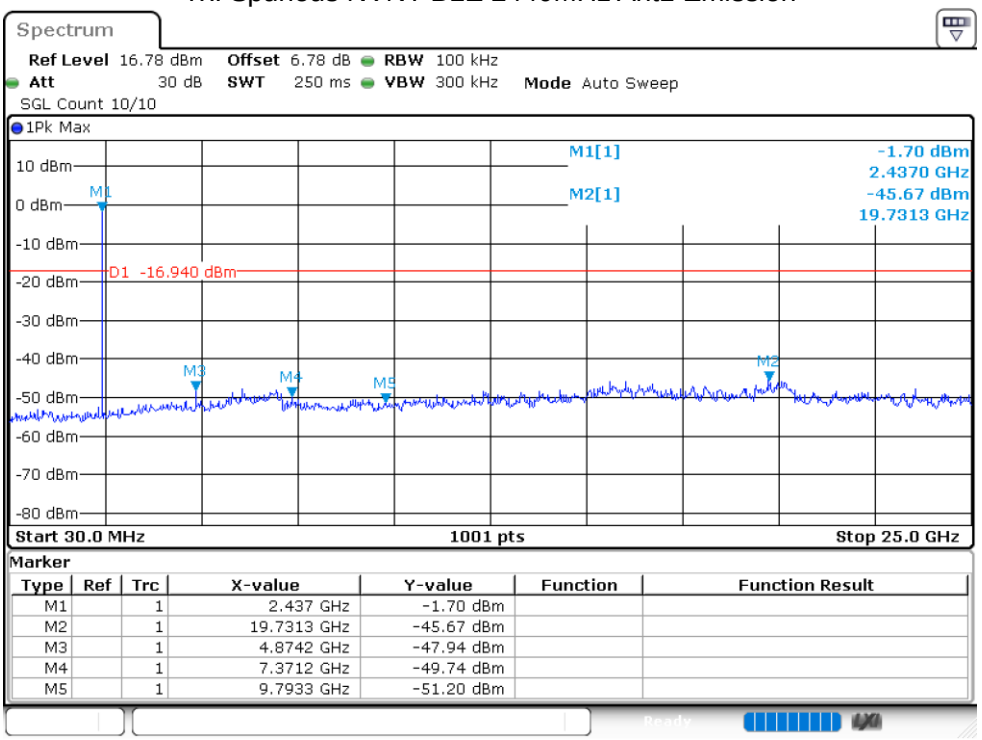
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.412 GHz	2.28 dBm		
M2		1	20.1059 GHz	-45.43 dBm		
M3		1	4.7993 GHz	-48.00 dBm		
M4		1	7.0715 GHz	-50.10 dBm		
M5		1	9.6435 GHz	-50.96 dBm		

Tx. Spurious NVNT BLE 2440MHz Ant1 Ref



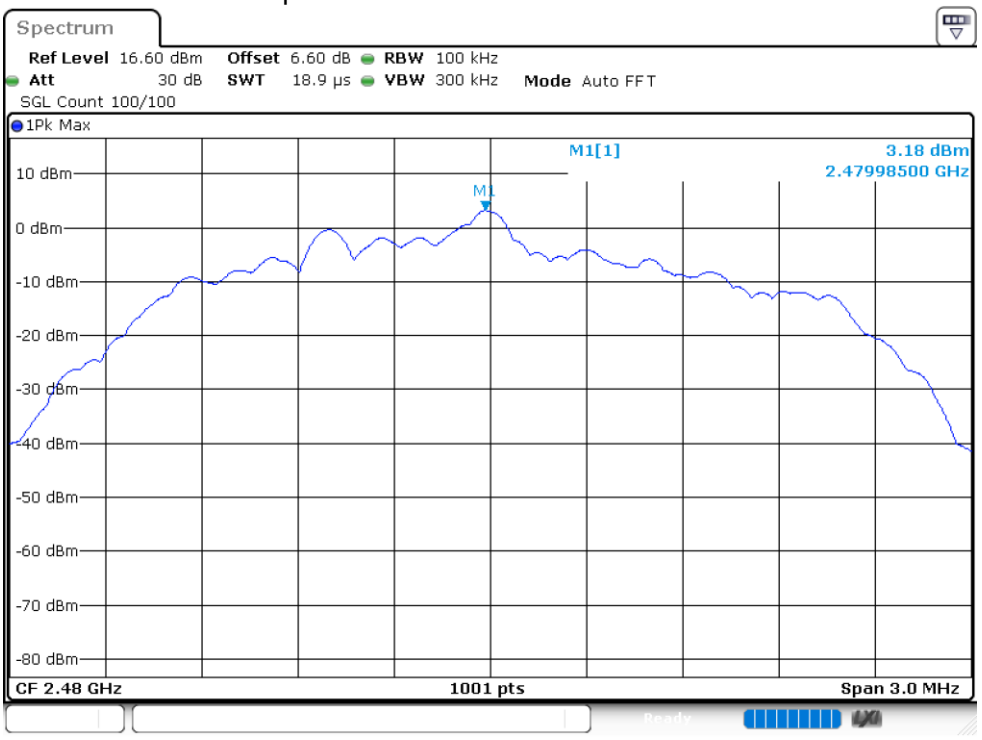
Tx. Spurious NVNT BLE 2440MHz Ant1 Emission



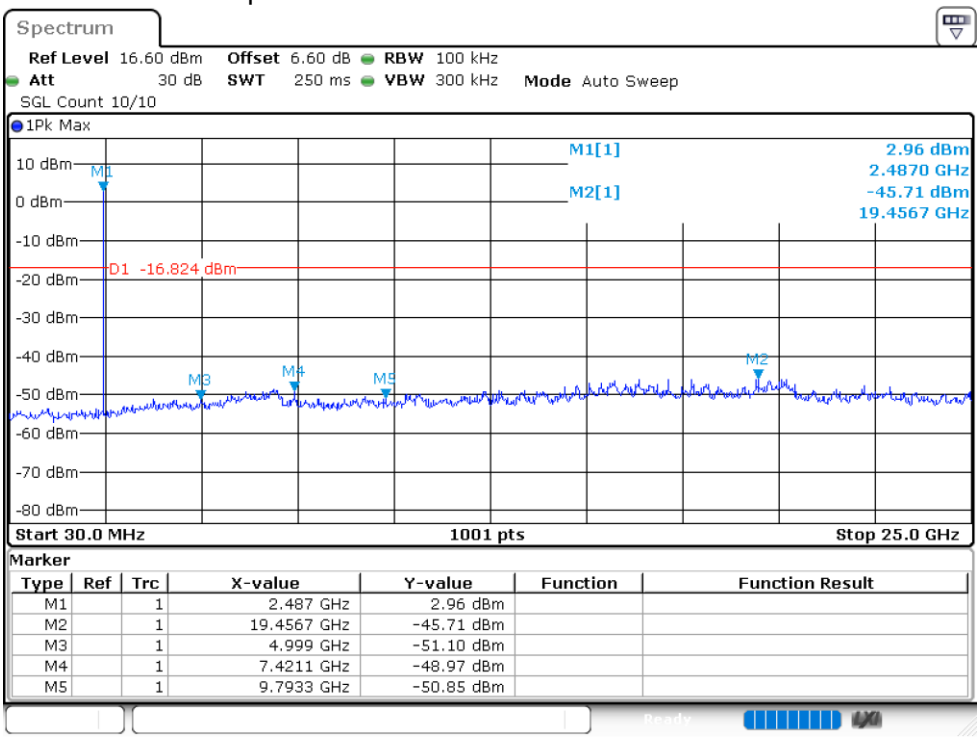
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.437 GHz	-1.70 dBm		
M2		1	19.7313 GHz	-45.67 dBm		
M3		1	4.8742 GHz	-47.94 dBm		
M4		1	7.3712 GHz	-49.74 dBm		
M5		1	9.7933 GHz	-51.20 dBm		

Tx. Spurious NVNT BLE 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 2480MHz Ant1 Emission



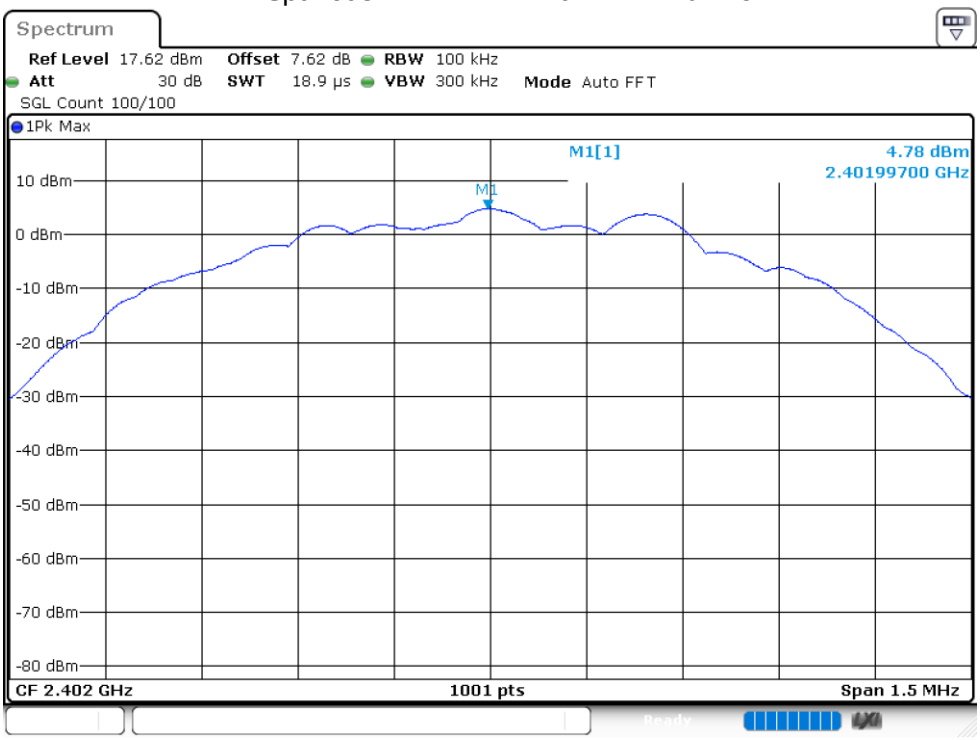
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.487 GHz	2.96 dBm		
M2		1	19.4567 GHz	-45.71 dBm		
M3		1	4.999 GHz	-51.10 dBm		
M4		1	7.4211 GHz	-48.97 dBm		
M5		1	9.7933 GHz	-50.85 dBm		

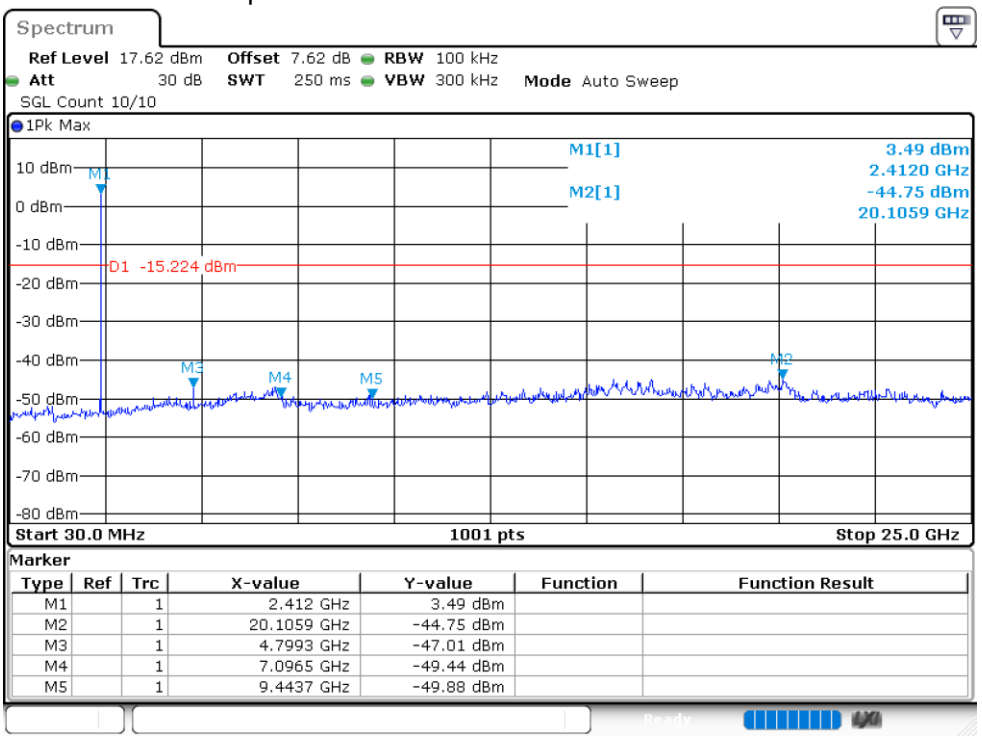
Right (1MHz):

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant 1	-49.52	-20	Pass
NVNT	BLE	2440	Ant 1	-49.27	-20	Pass
NVNT	BLE	2480	Ant 1	-48.38	-20	Pass

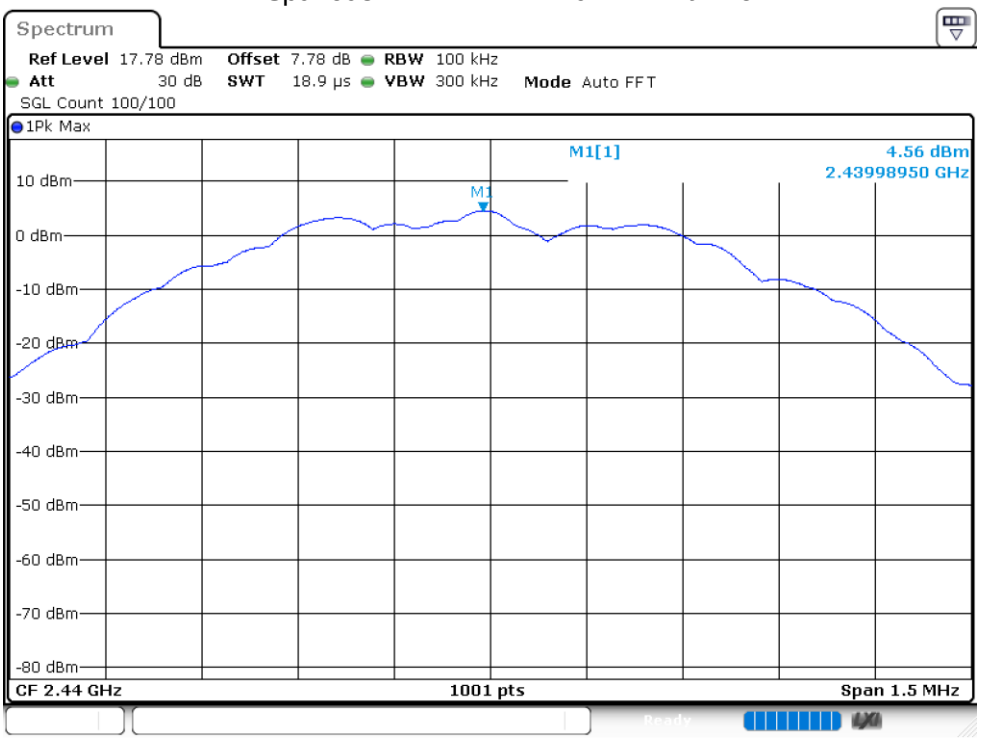
Tx. Spurious NVNT BLE 2402MHz Ant1 Ref



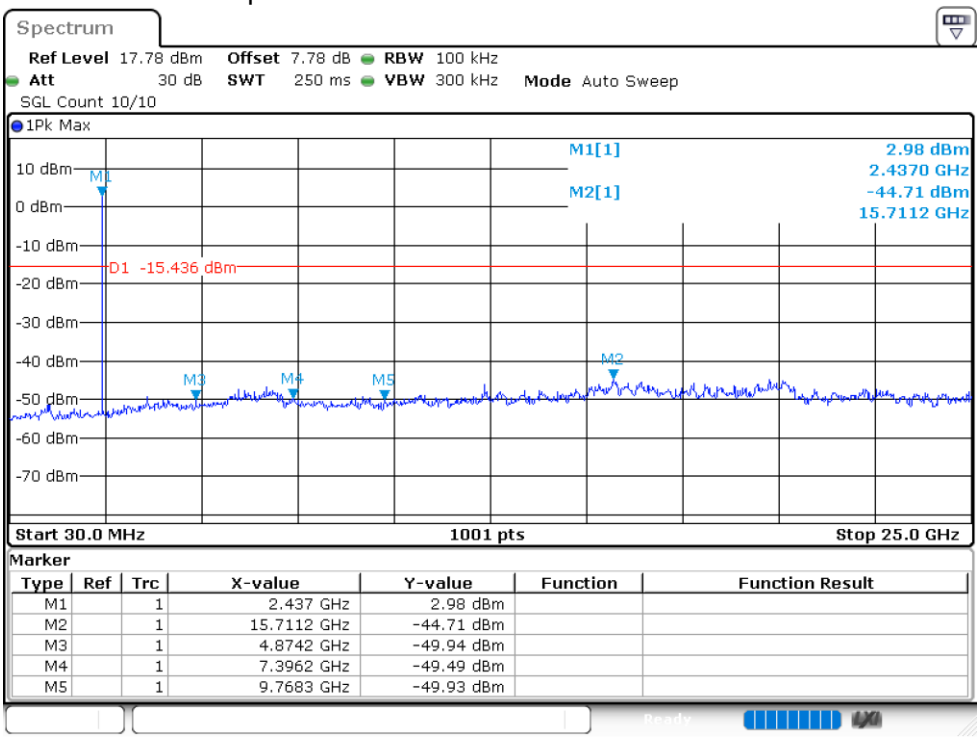
Tx. Spurious NVNT BLE 2402MHz Ant1 Emission



Tx. Spurious NVNT BLE 2440MHz Ant1 Ref



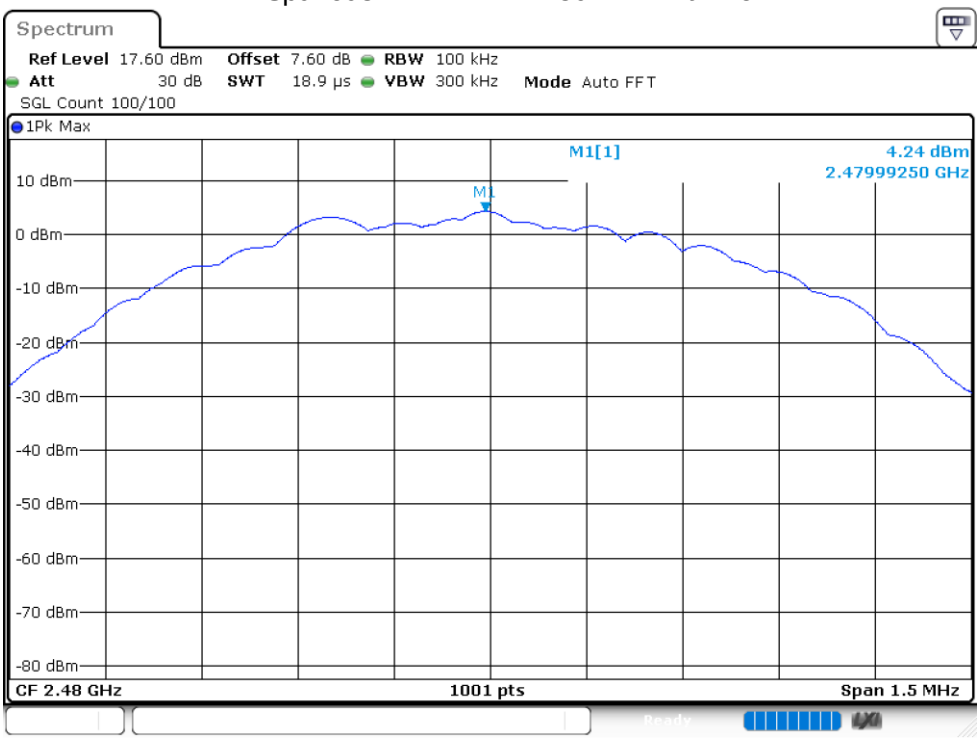
Tx. Spurious NVNT BLE 2440MHz Ant1 Emission



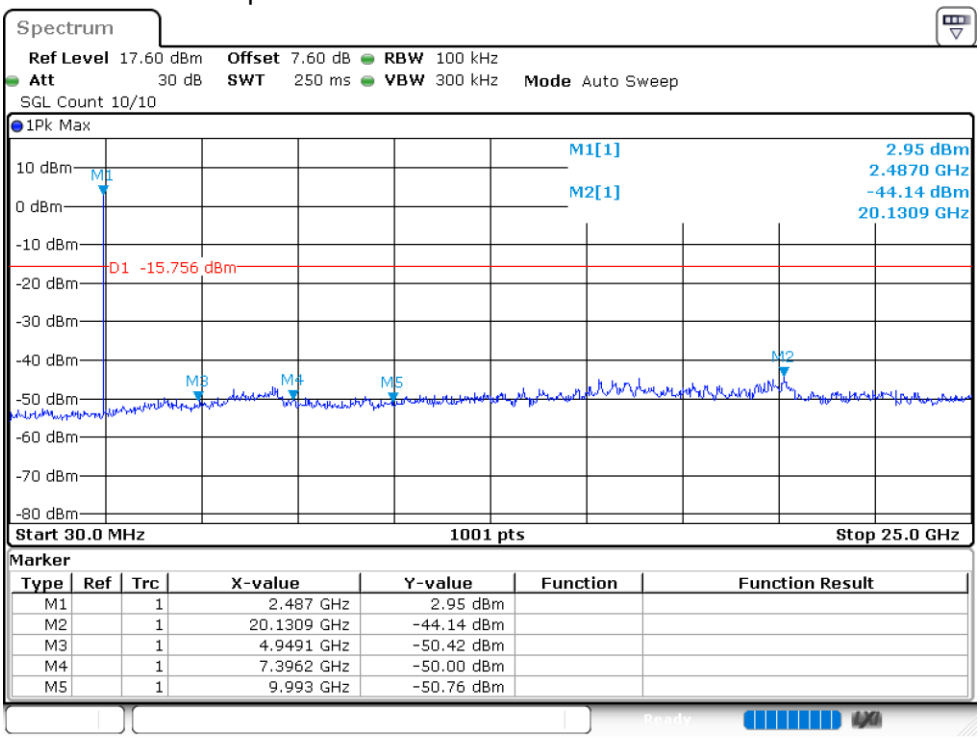
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.437 GHz	2.98 dBm		
M2		1	15.7112 GHz	-44.71 dBm		
M3		1	4.8742 GHz	-49.94 dBm		
M4		1	7.3962 GHz	-49.49 dBm		
M5		1	9.7683 GHz	-49.93 dBm		

Tx. Spurious NVNT BLE 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 2480MHz Ant1 Emission



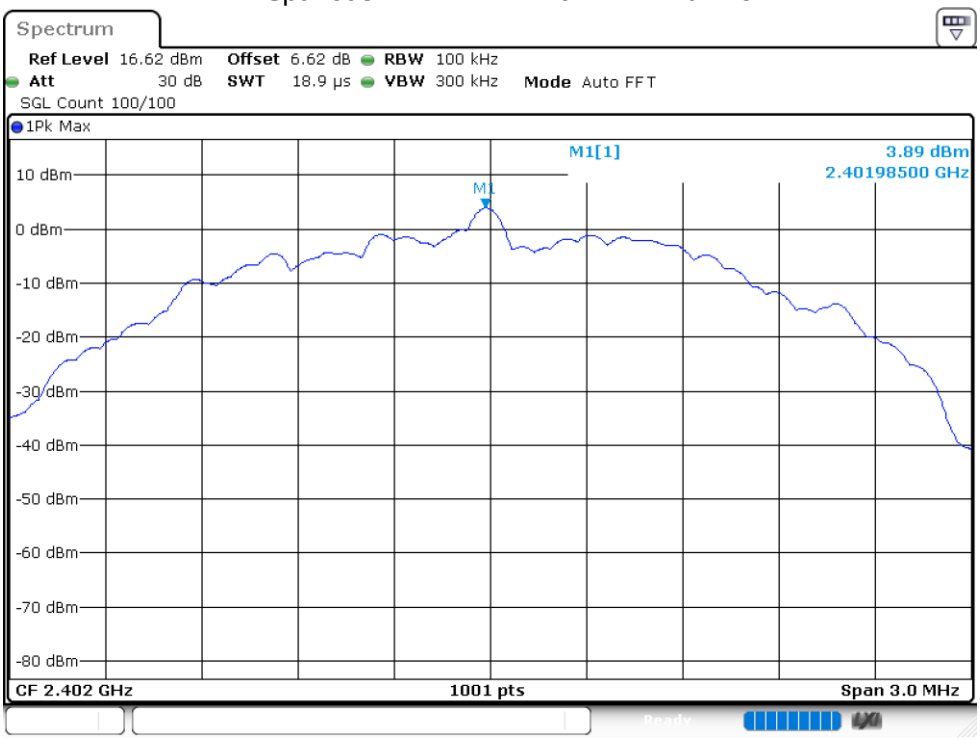
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.487 GHz	2.95 dBm		
M2		1	20.1309 GHz	-44.14 dBm		
M3		1	4.9491 GHz	-50.42 dBm		
M4		1	7.3962 GHz	-50.00 dBm		
M5		1	9.993 GHz	-50.76 dBm		

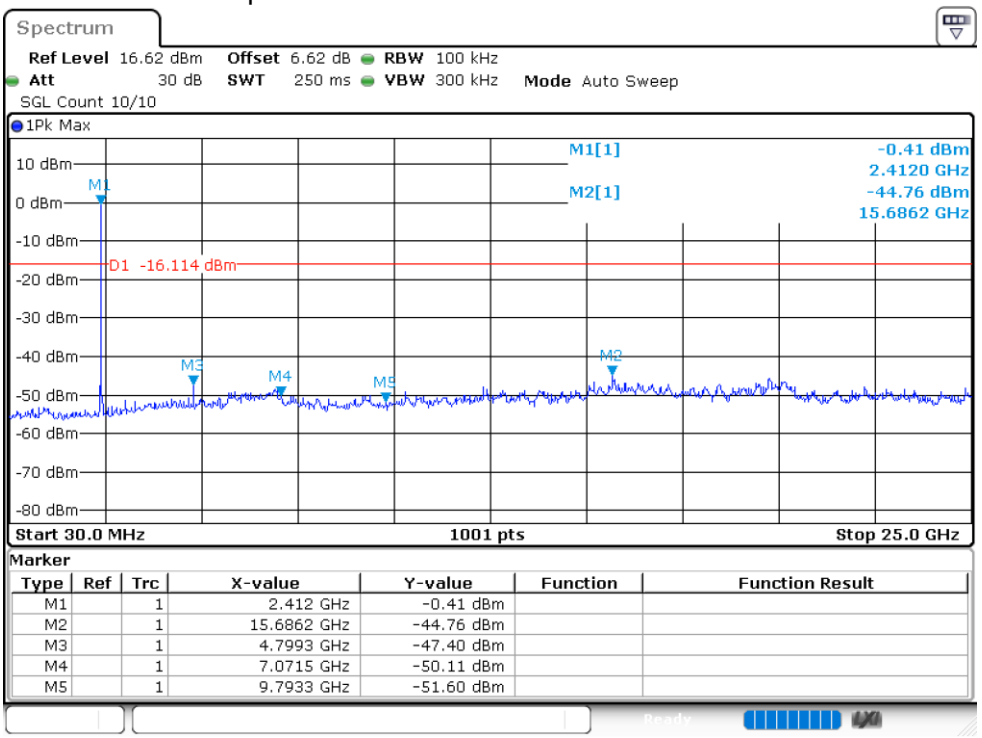
Right (2MHz):

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE	2402	Ant 1	-48.64	-20	Pass
NVNT	BLE	2440	Ant 1	-49.02	-20	Pass
NVNT	BLE	2480	Ant 1	-48.69	-20	Pass

Tx. Spurious NVNT BLE 2402MHz Ant1 Ref



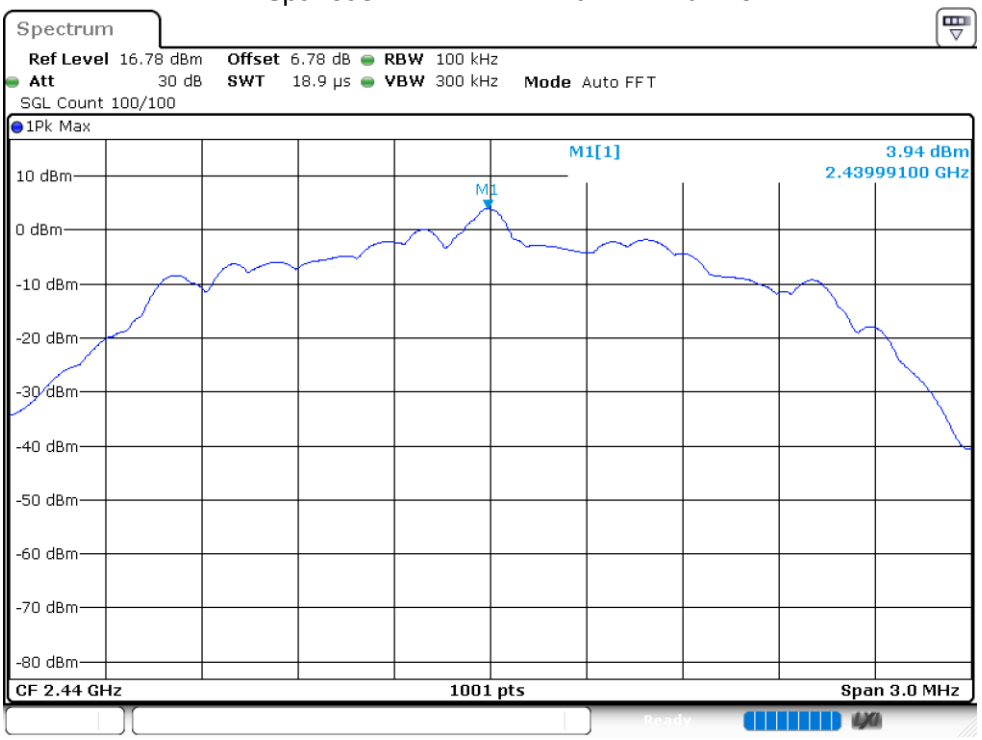
Tx. Spurious NVNT BLE 2402MHz Ant1 Emission



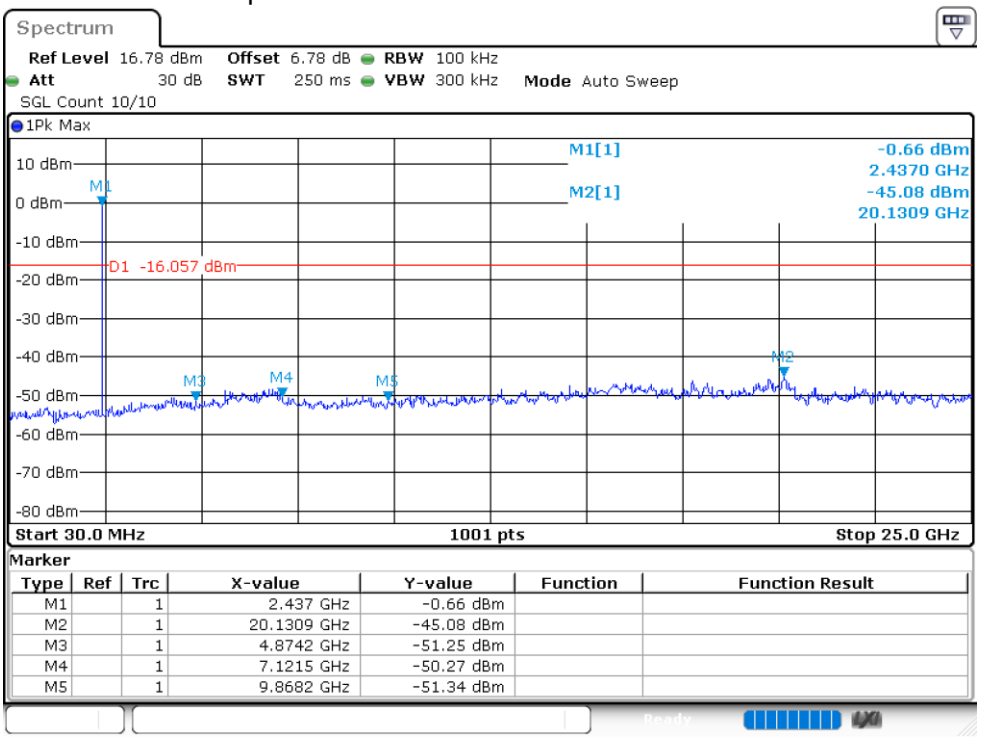
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.412 GHz	-0.41 dBm		
M2		1	15.6862 GHz	-44.76 dBm		
M3		1	4.7993 GHz	-47.40 dBm		
M4		1	7.0715 GHz	-50.11 dBm		
M5		1	9.7933 GHz	-51.60 dBm		

Tx. Spurious NVNT BLE 2440MHz Ant1 Ref



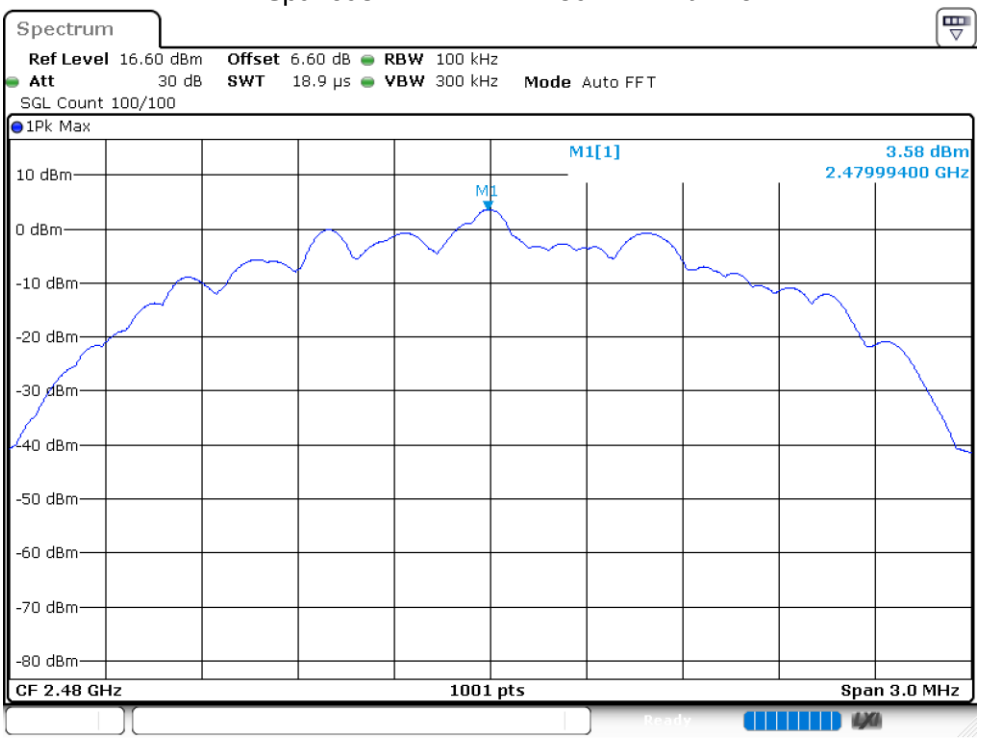
Tx. Spurious NVNT BLE 2440MHz Ant1 Emission



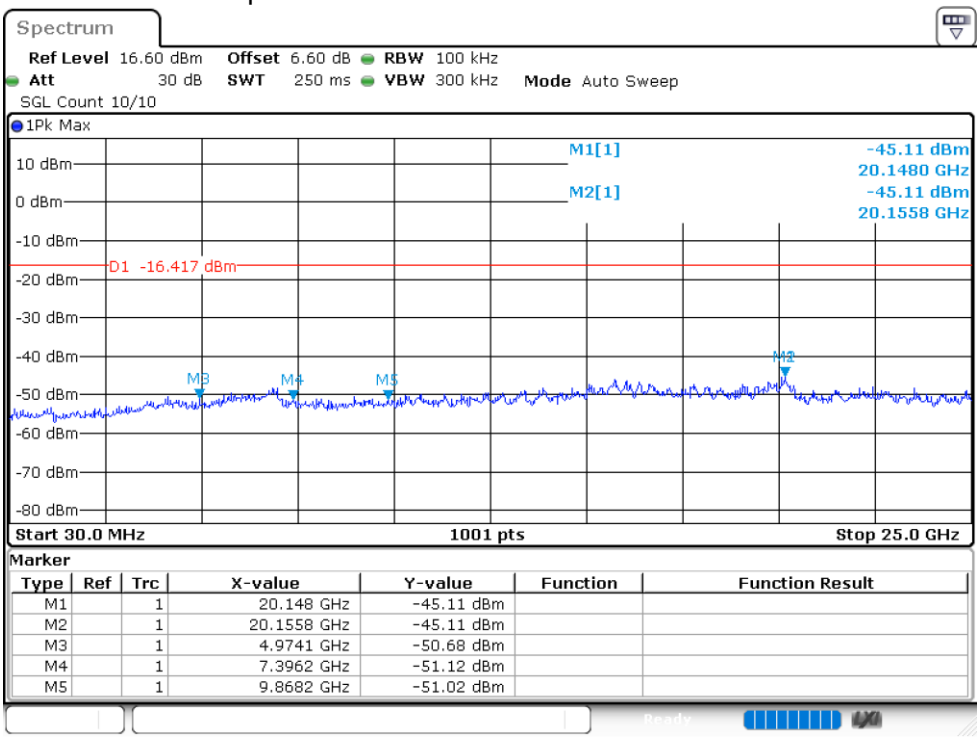
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.437 GHz	-0.66 dBm		
M2		1	20.1309 GHz	-45.08 dBm		
M3		1	4.8742 GHz	-51.25 dBm		
M4		1	7.1215 GHz	-50.27 dBm		
M5		1	9.8682 GHz	-51.34 dBm		

Tx. Spurious NVNT BLE 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 2480MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	20.148 GHz	-45.11 dBm		
M2		1	20.1558 GHz	-45.11 dBm		
M3		1	4.9741 GHz	-50.68 dBm		
M4		1	7.3962 GHz	-51.12 dBm		
M5		1	9.8682 GHz	-51.02 dBm		

END OF REPORT