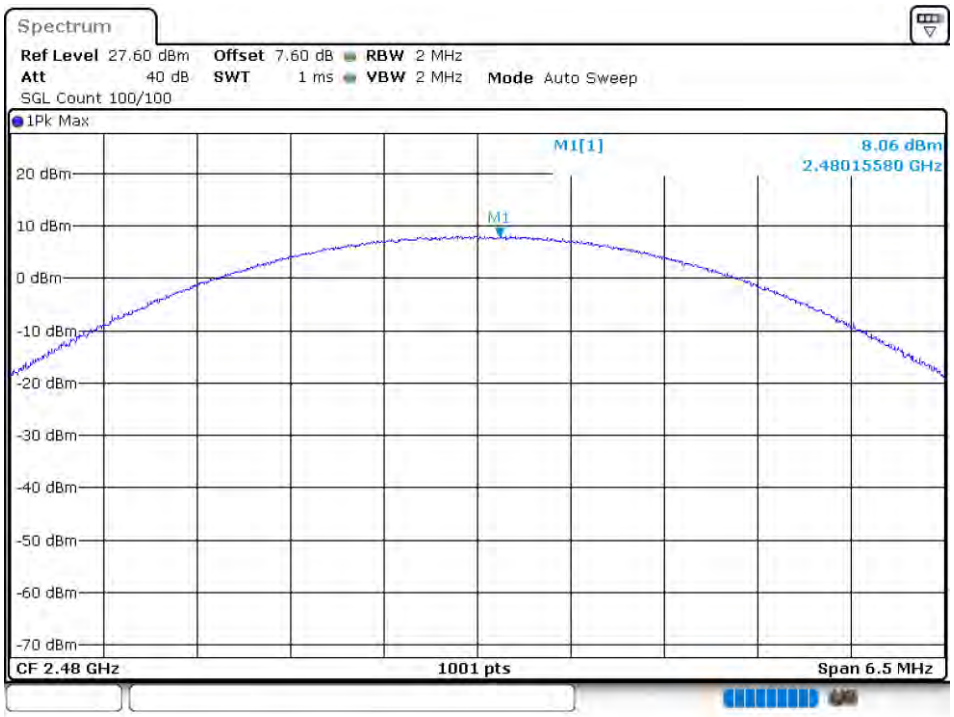
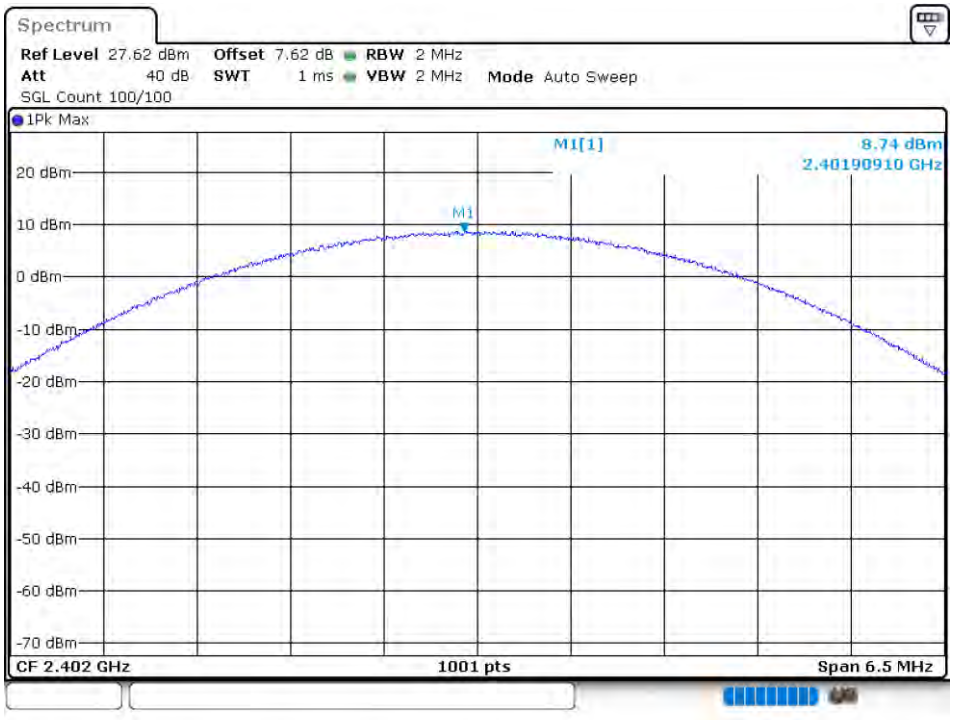
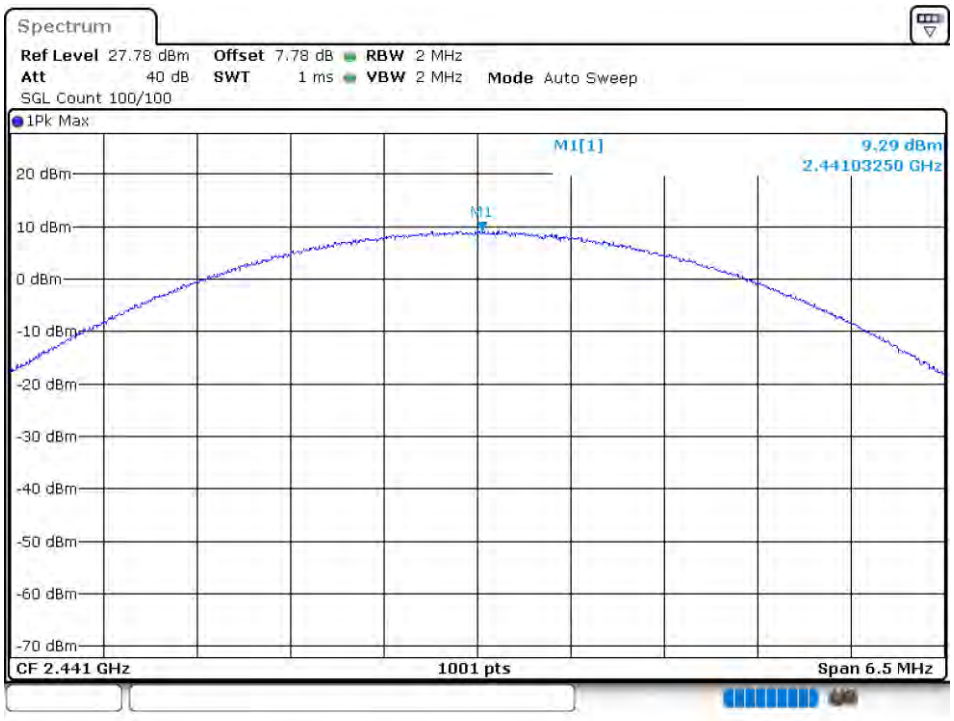
Power NVNT 2-DH5 2480MHz Ant1



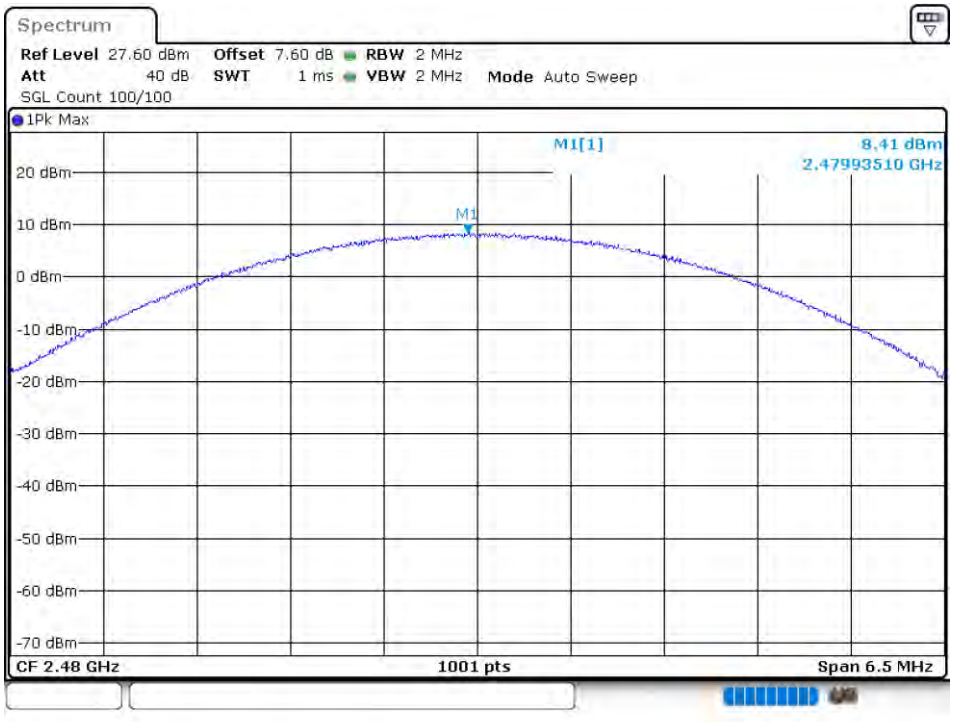
Power NVNT 3-DH5 2402MHz Ant1



Power NVNT 3-DH5 2441MHz Ant1



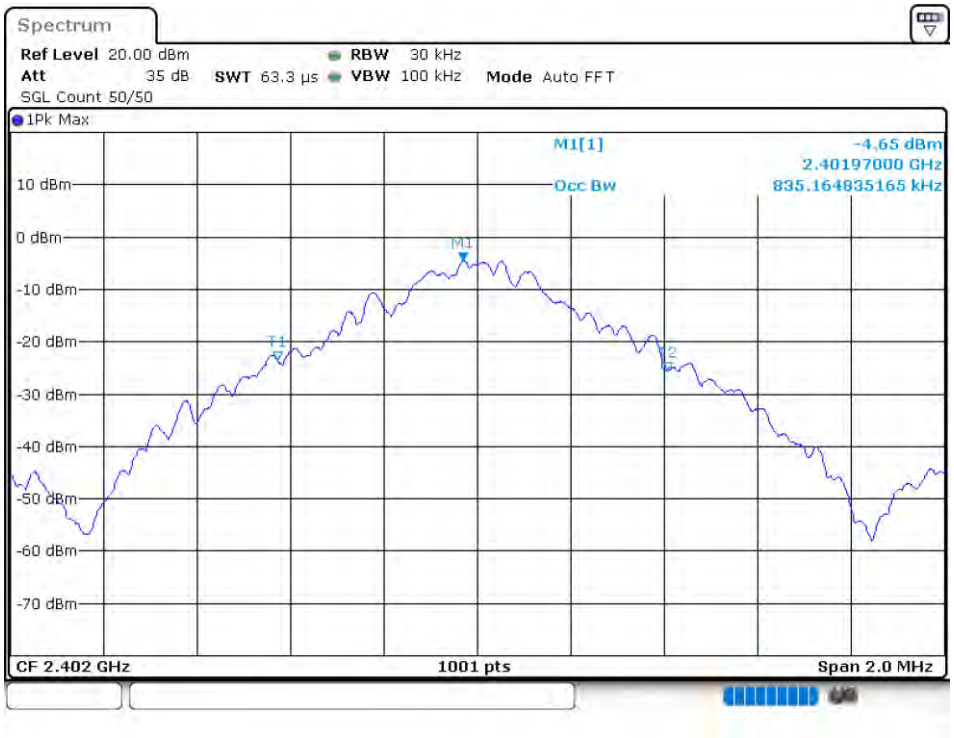
Power NVNT 3-DH5 2480MHz Ant1



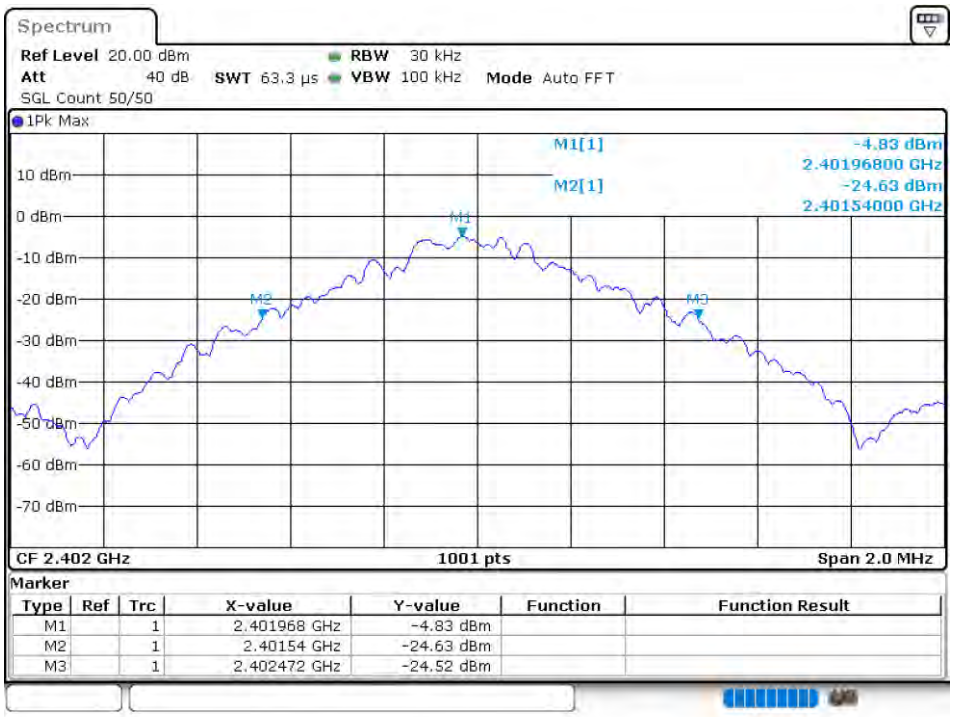
8.1.10 **OCCUPIED CHANNEL BANDWIDTH**

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	-20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	Ant 1	0.8352	0.932	Pass
NVNT	1-DH5	2441	Ant 1	0.8412	0.946	Pass
NVNT	1-DH5	2480	Ant 1	0.8472	0.936	Pass
NVNT	2-DH5	2402	Ant 1	1.1828	1.326	Pass
NVNT	2-DH5	2441	Ant 1	1.1808	1.324	Pass
NVNT	2-DH5	2480	Ant 1	1.1828	1.328	Pass
NVNT	3-DH5	2402	Ant 1	1.1808	1.304	Pass
NVNT	3-DH5	2441	Ant 1	1.1808	1.308	Pass
NVNT	3-DH5	2480	Ant 1	1.1808	1.306	Pass

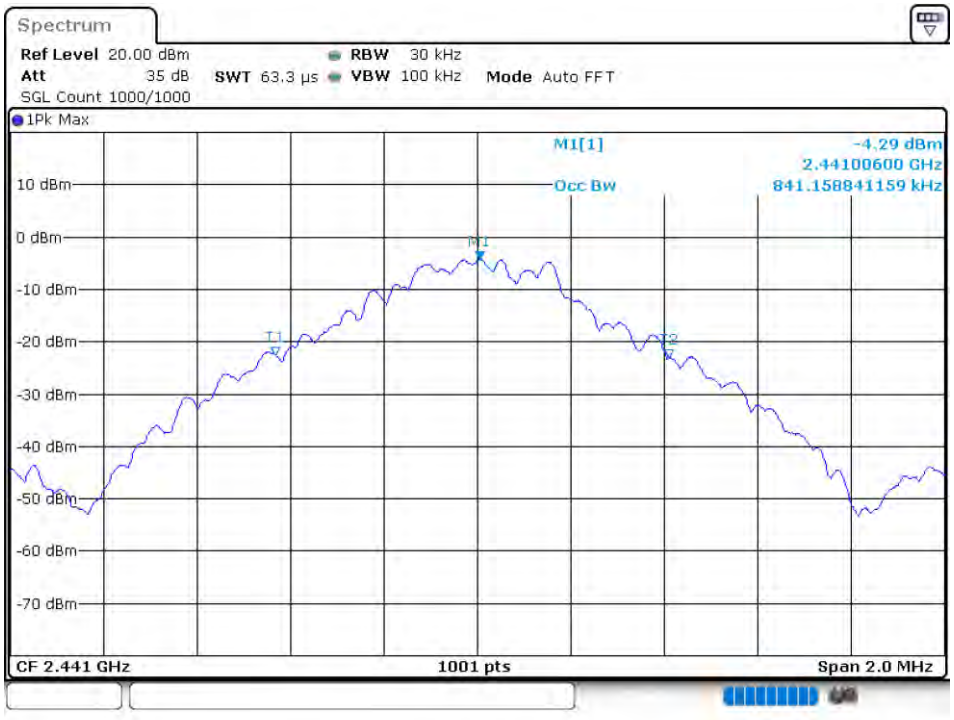
OBW NVNT 1-DH5 2402MHz Ant1



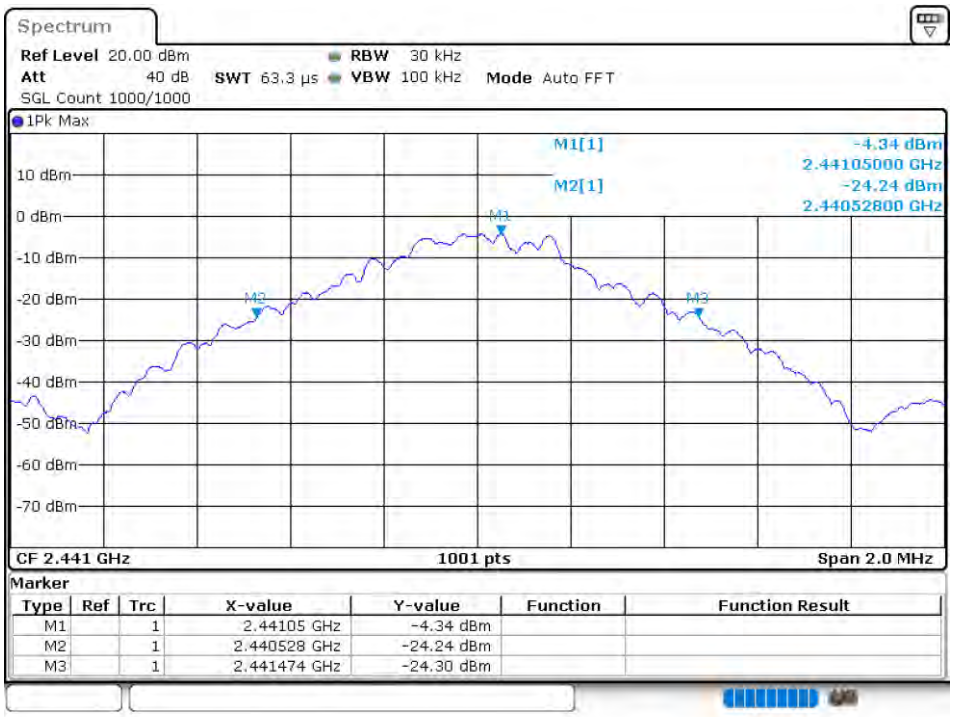
-20 dB BW NVNT 1-DH5 2402MHz Ant1



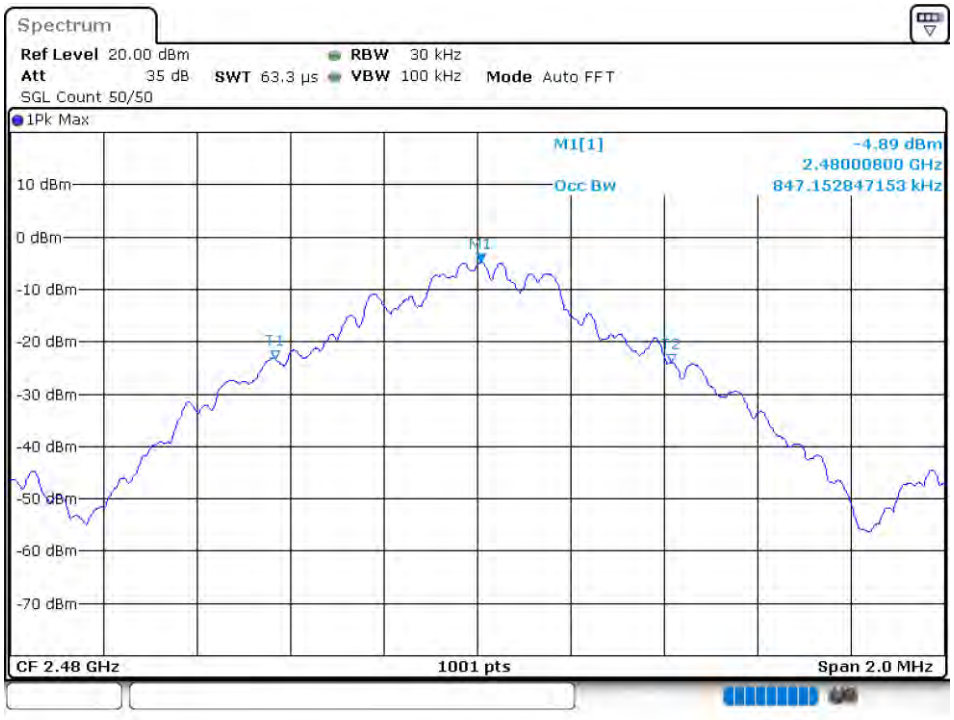
OBW NVNT 1-DH5 2441MHz Ant1



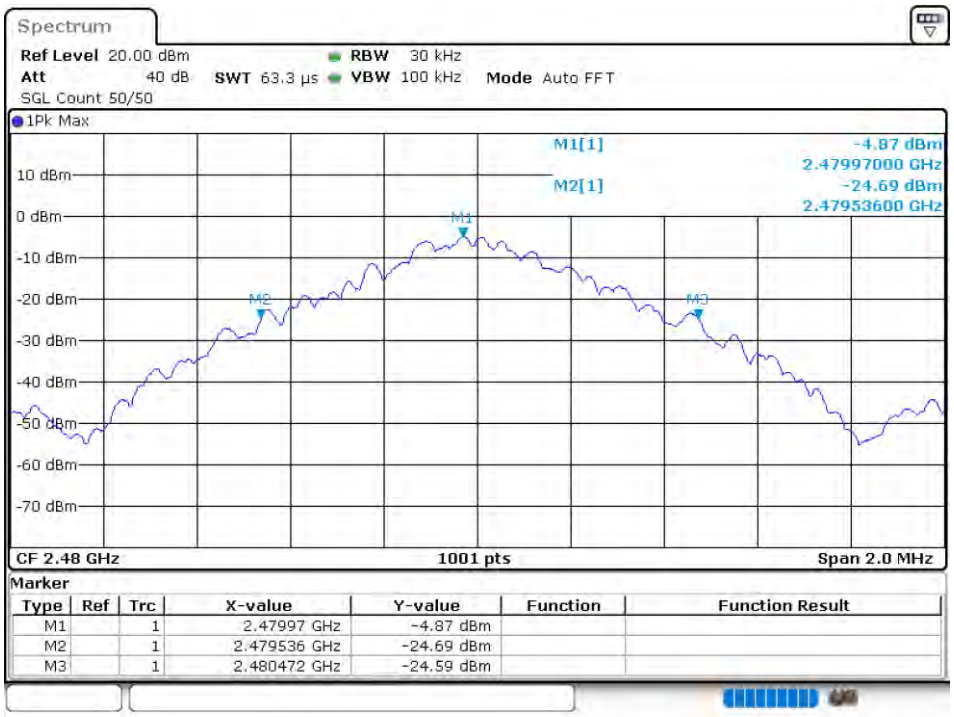
-20 dB BW NVNT 1-DH5 2441MHz Ant1



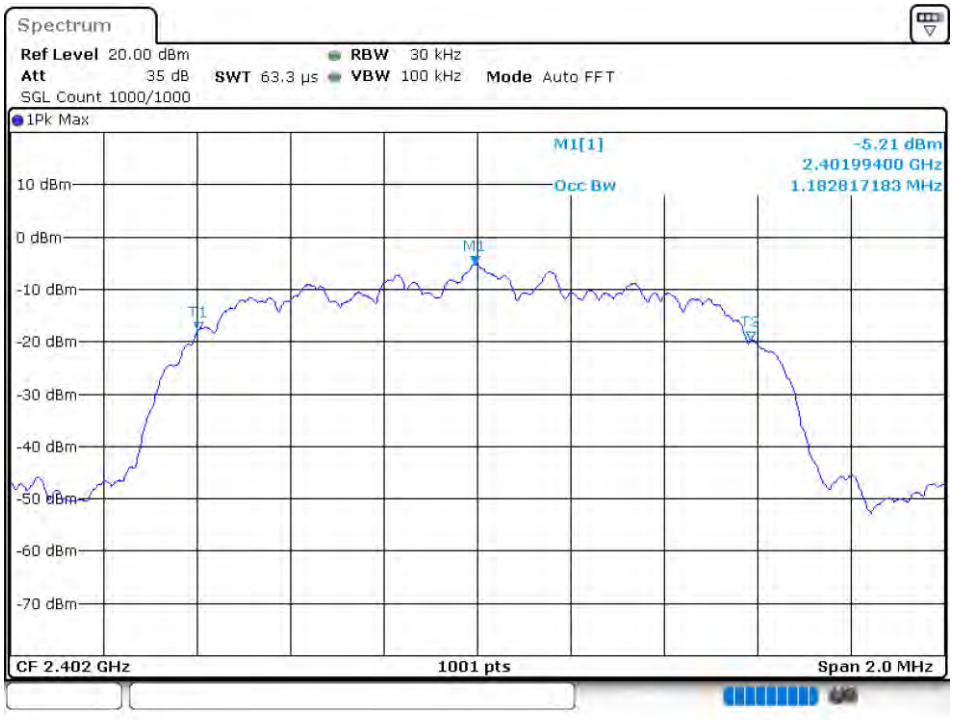
OBW NVNT 1-DH5 2480MHz Ant1



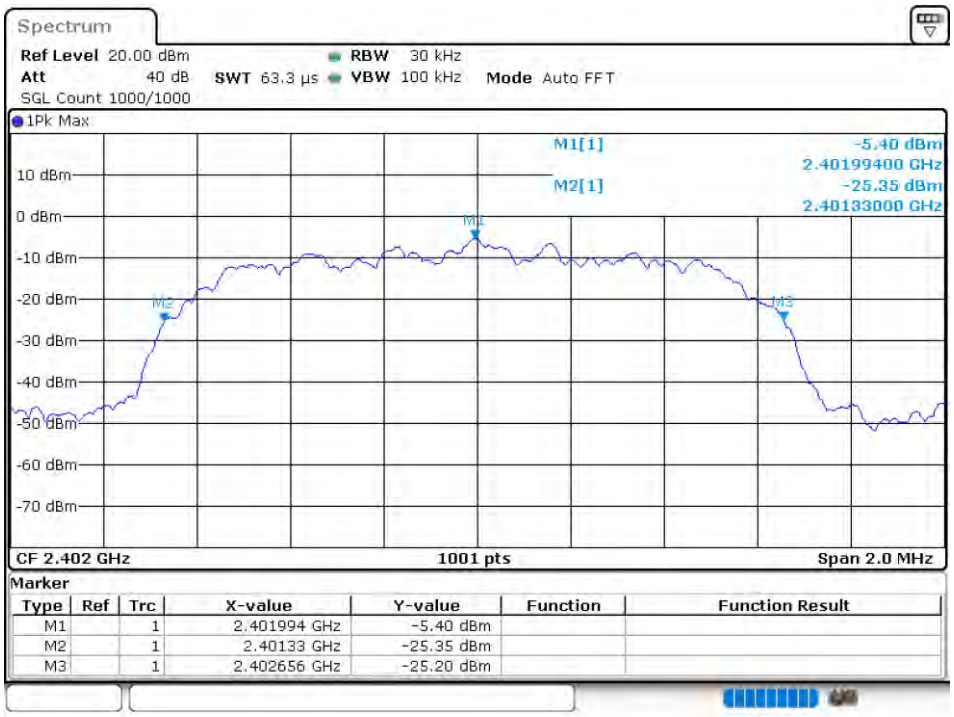
-20 dB BW NVNT 1-DH5 2480MHz Ant1



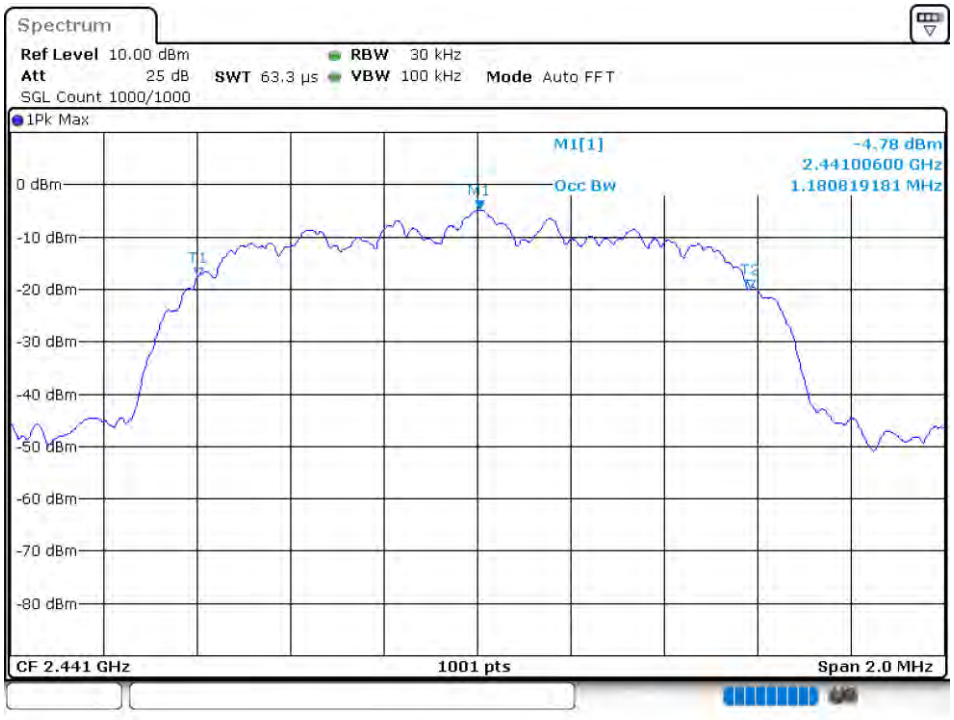
OBW NVNT 2-DH5 2402MHz Ant1



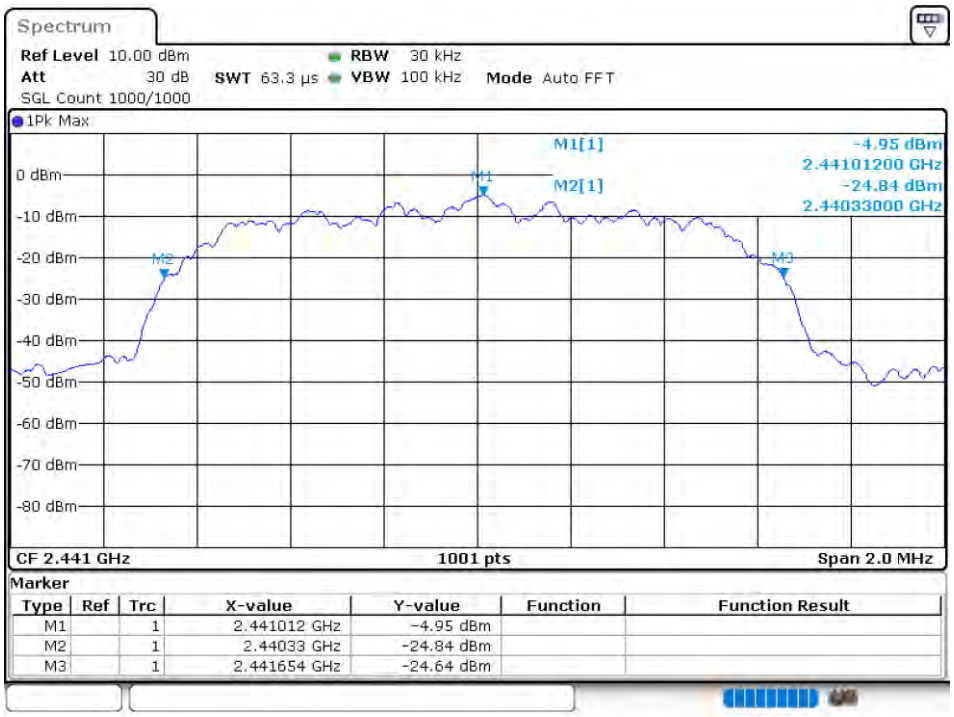
-20 dB BW NVNT 2-DH5 2402MHz Ant1



OBW NVNT 2-DH5 2441MHz Ant1

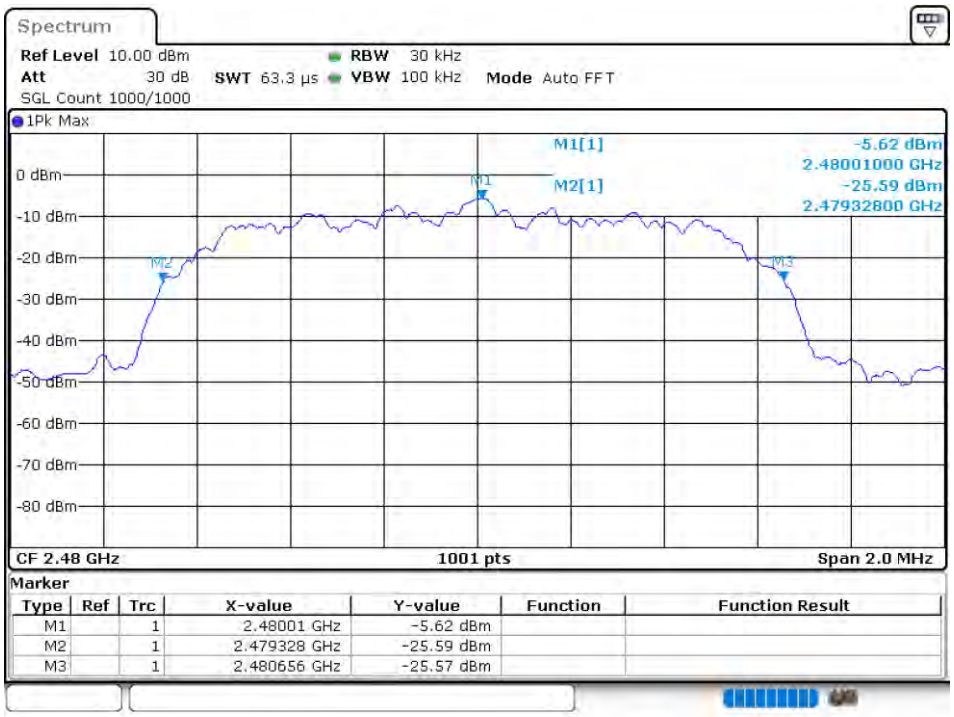


-20 dB BW NVNT 2-DH5 2441MHz Ant1

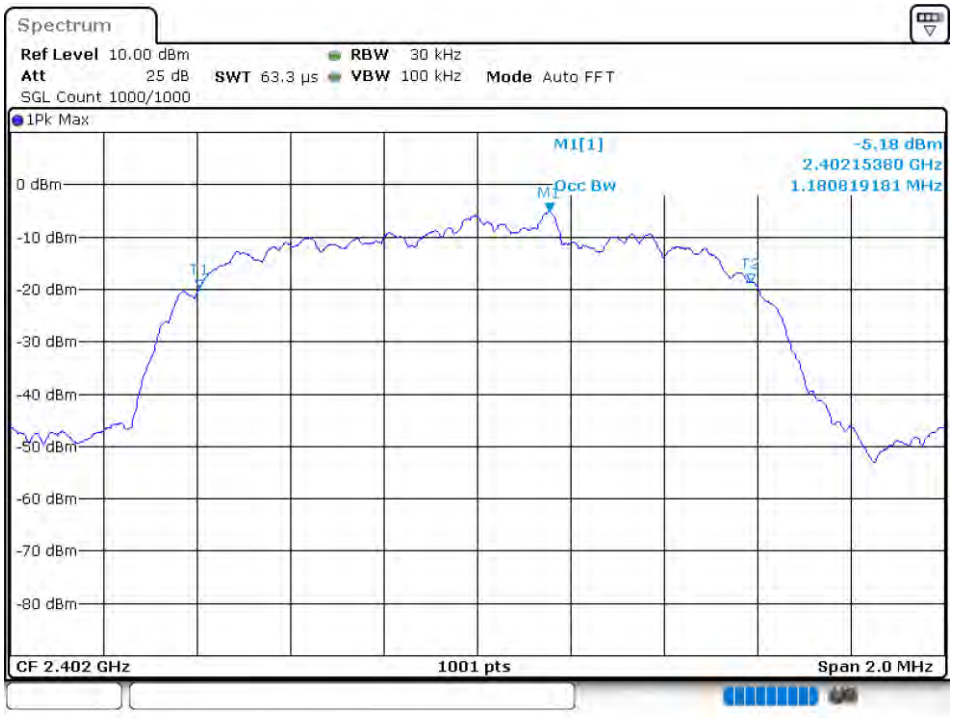


OBW NVNT 2-DH5 2480MHz Ant1

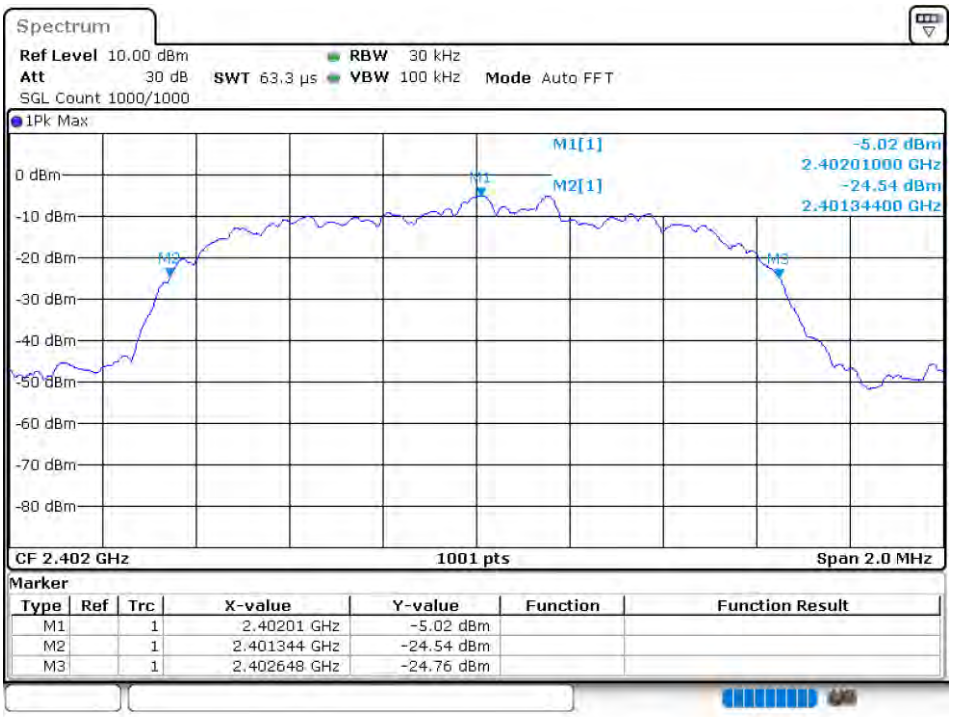
-20 dB BW NVNT 2-DH5 2480MHz Ant1



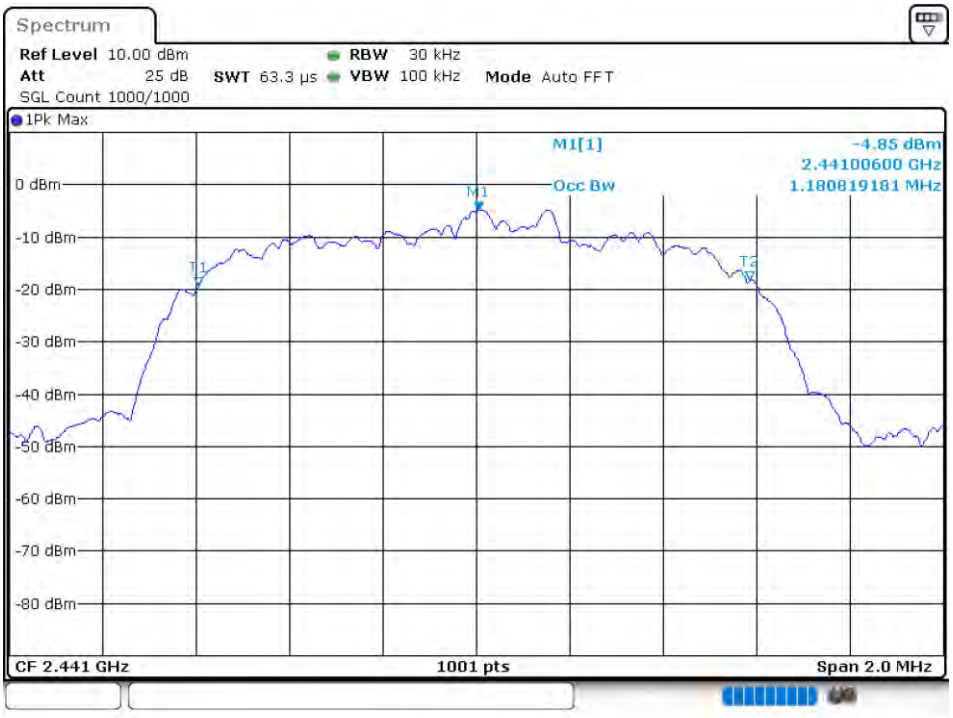
OBW NVNT 3-DH5 2402MHz Ant1



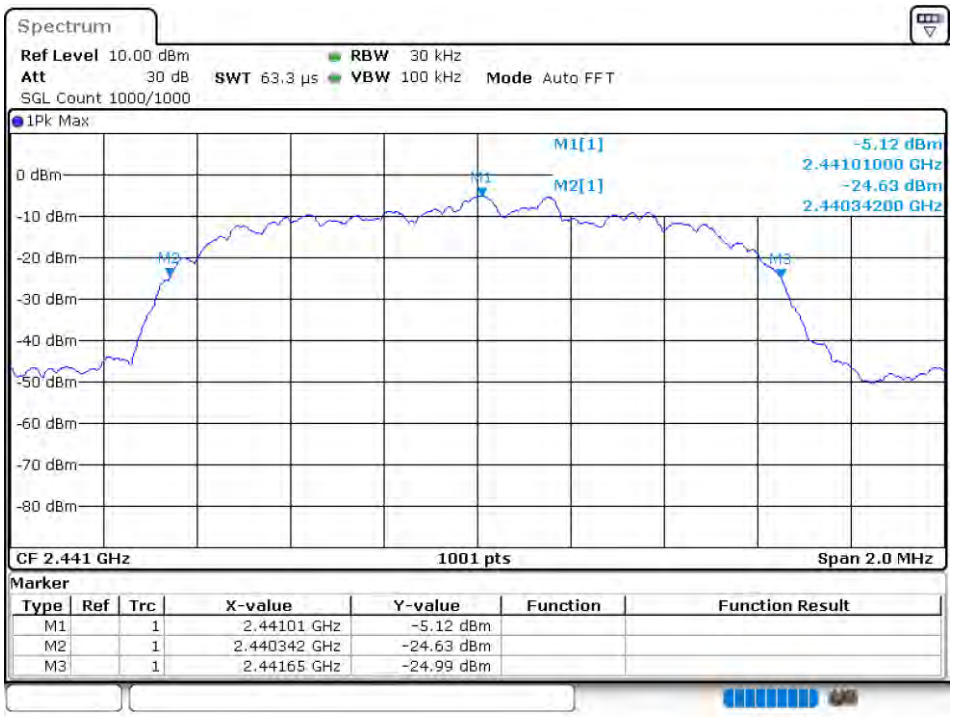
-20 dB BW NVNT 3-DH5 2402MHz Ant1



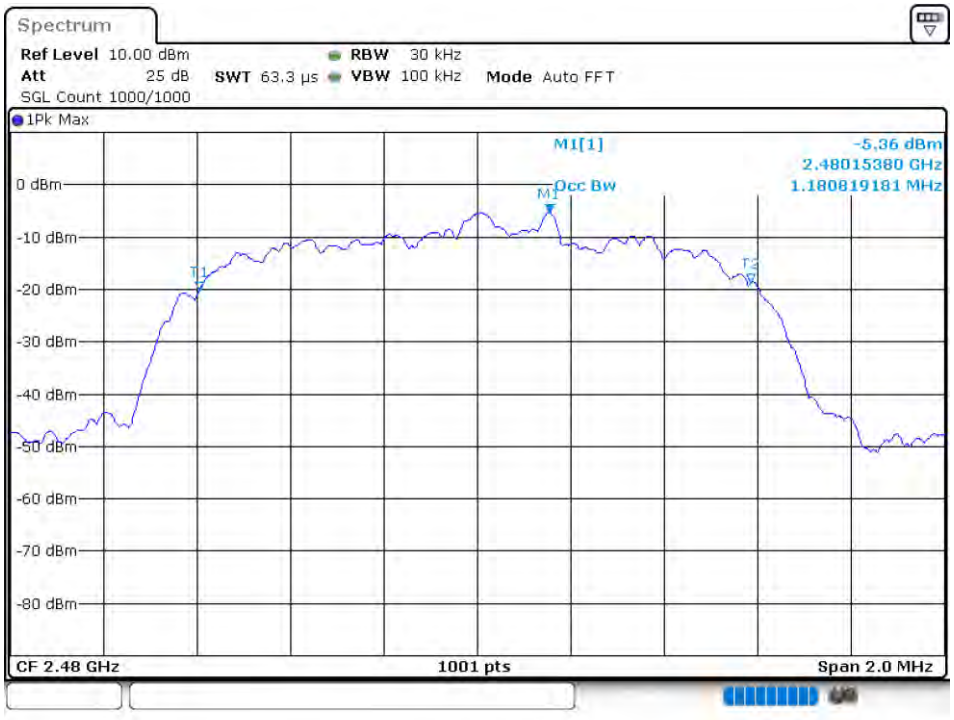
OBW NVNT 3-DH5 2441MHz Ant1



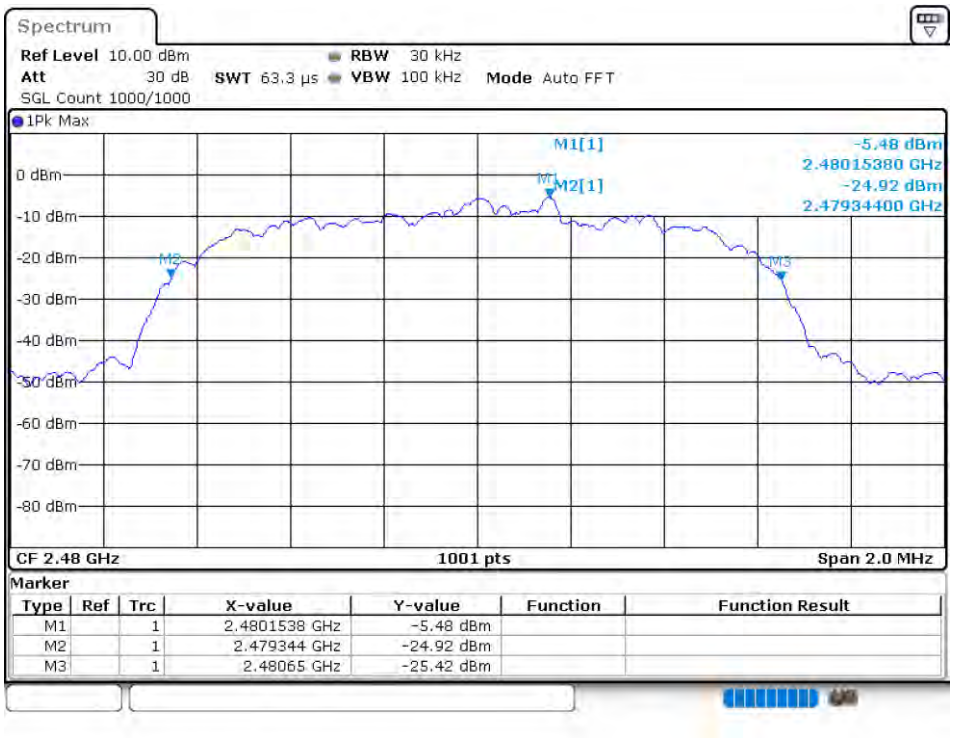
-20 dB BW NVNT 3-DH5 2441MHz Ant1



OBW NVNT 3-DH5 2480MHz Ant1



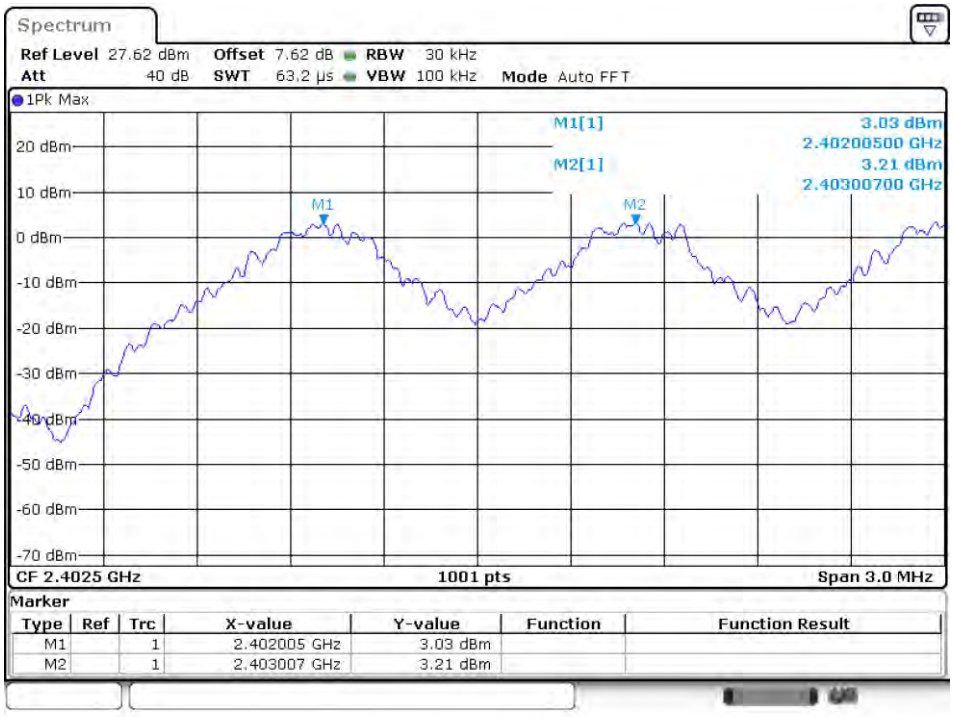
-20 dB BW NVNT 3-DH5 2480MHz Ant1



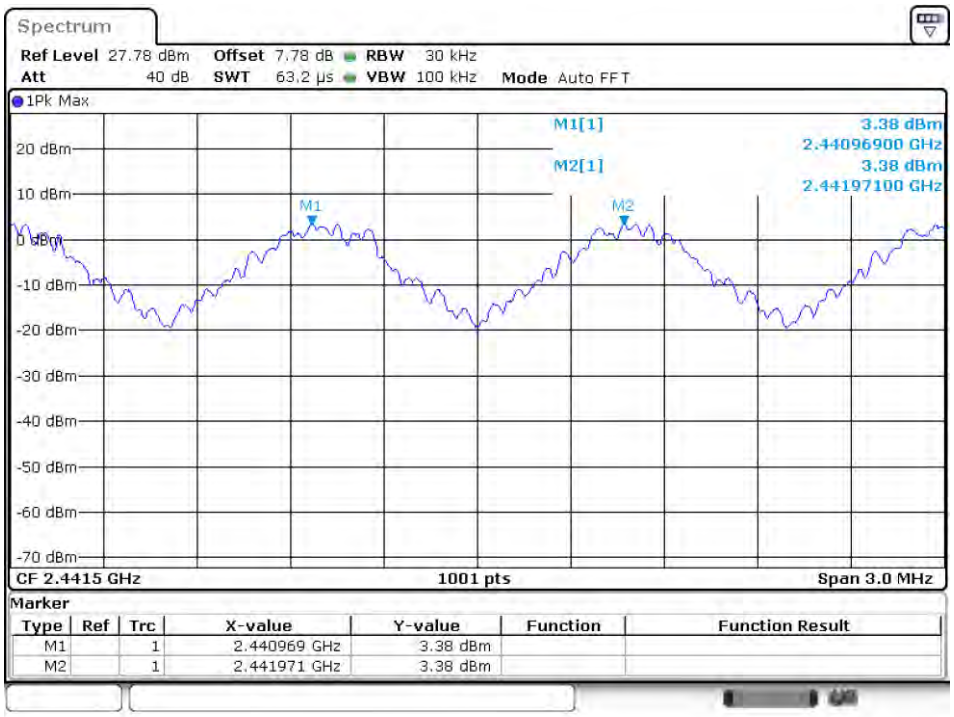
8.1.11 CARRIER FREQUENCIES SEPARATION

Condition	Mode	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	2402.005	2403.007	1.002	0.932	Pass
NVNT	1-DH5	2440.969	2441.971	1.002	0.946	Pass
NVNT	1-DH5	2478.969	2479.971	1.002	0.936	Pass
NVNT	2-DH5	2401.993	2402.995	1.002	0.884	Pass
NVNT	2-DH5	2440.993	2441.992	0.999	0.883	Pass
NVNT	2-DH5	2479.155	2480.157	1.002	0.885	Pass
NVNT	3-DH5	2402.155	2403.157	1.002	0.869	Pass
NVNT	3-DH5	2440.993	2441.995	1.002	0.872	Pass
NVNT	3-DH5	2479.149	2480.151	1.002	0.871	Pass

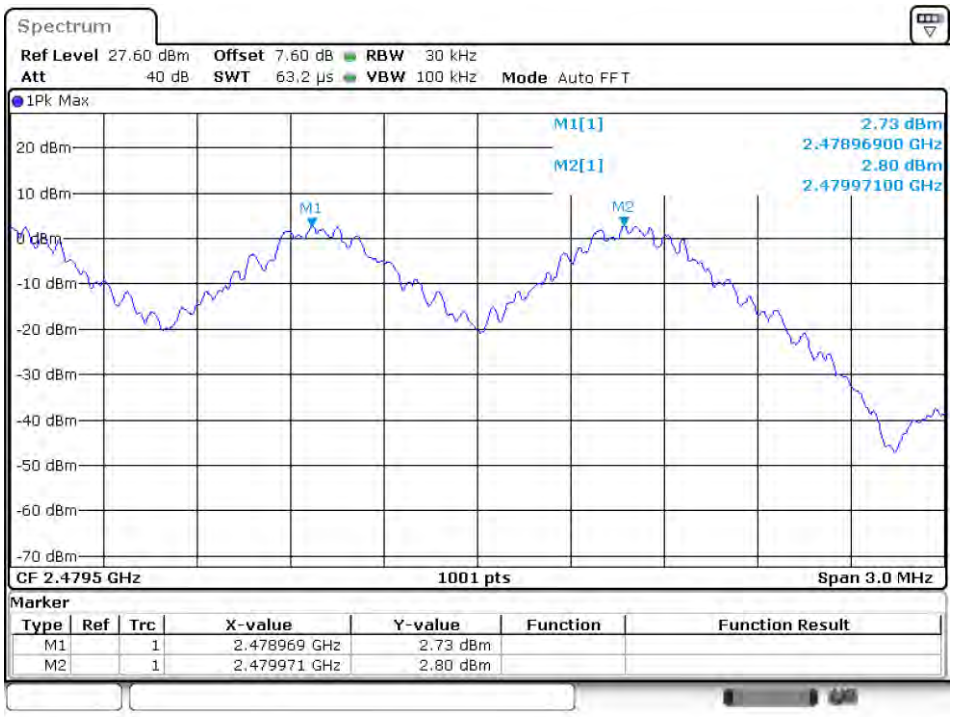
CFS NVNT 1-DH5 2402MHz



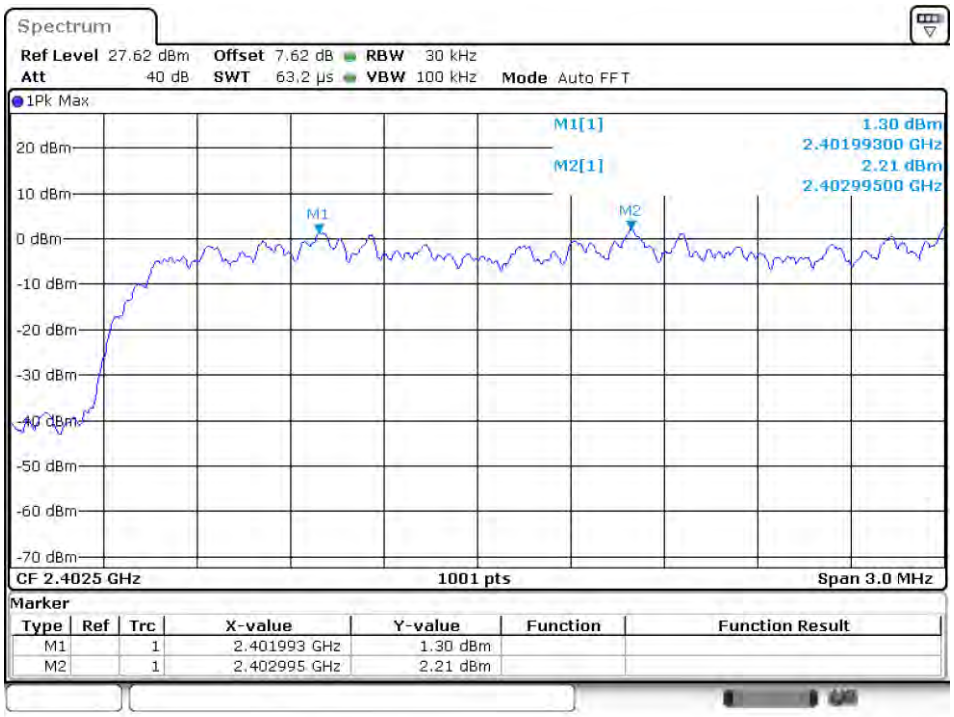
CFS NVNT 1-DH5 2441MHz



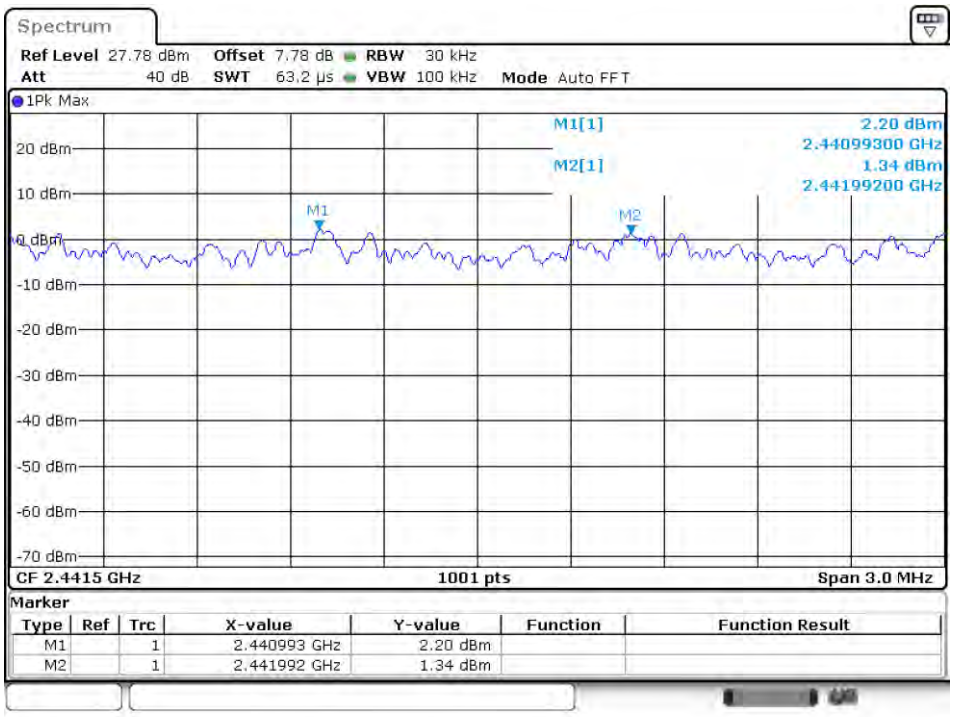
CFS NVNT 1-DH5 2480MHz



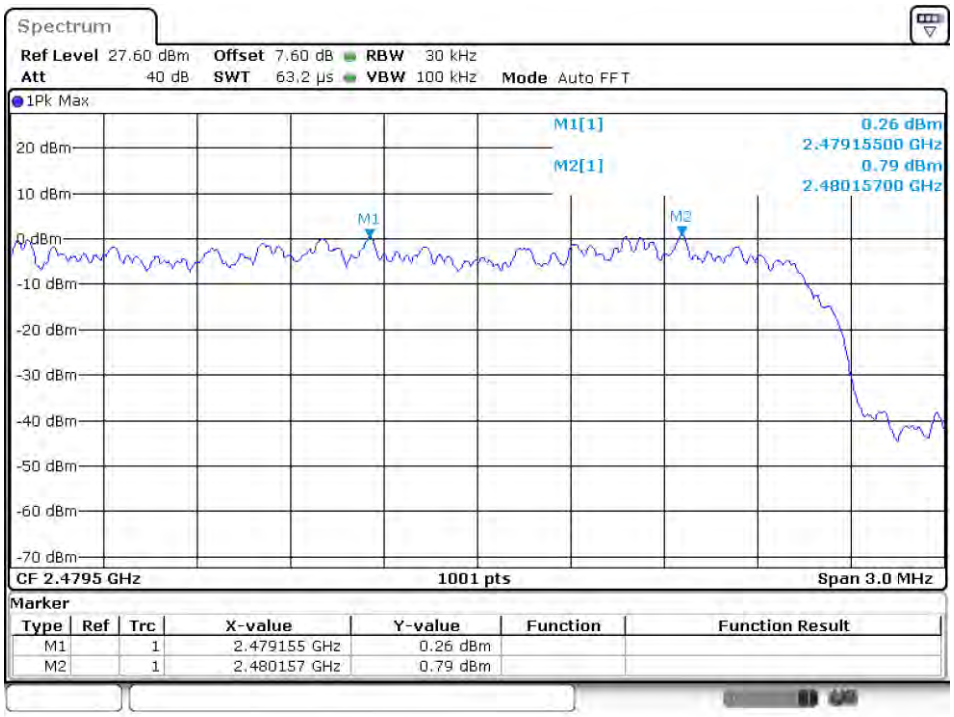
CFS NVNT 2-DH5 2402MHz



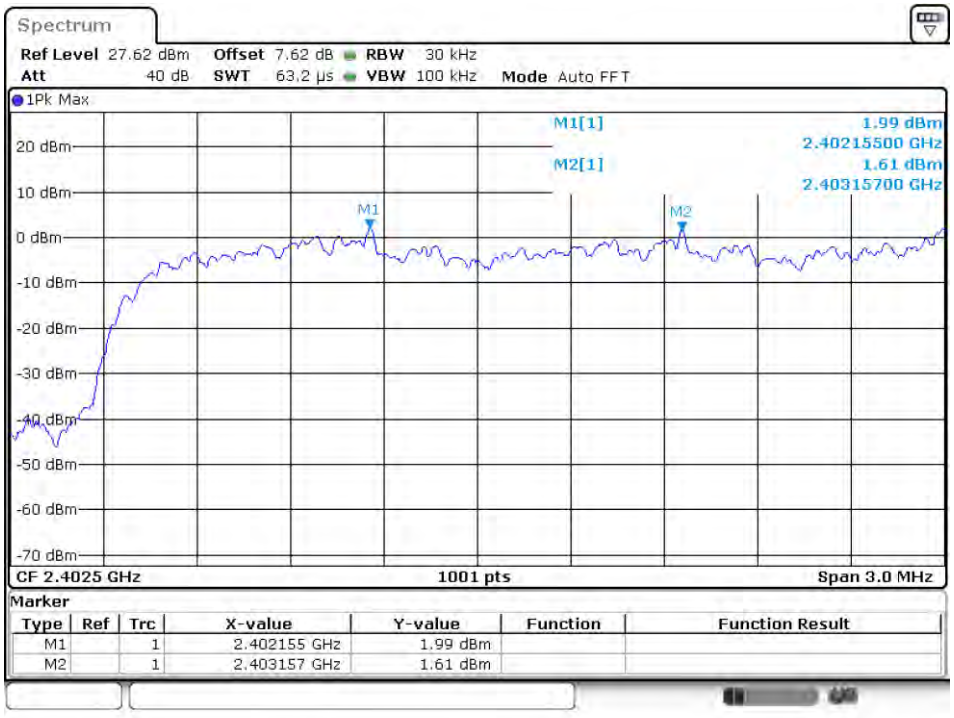
CFS NVNT 2-DH5 2441MHz



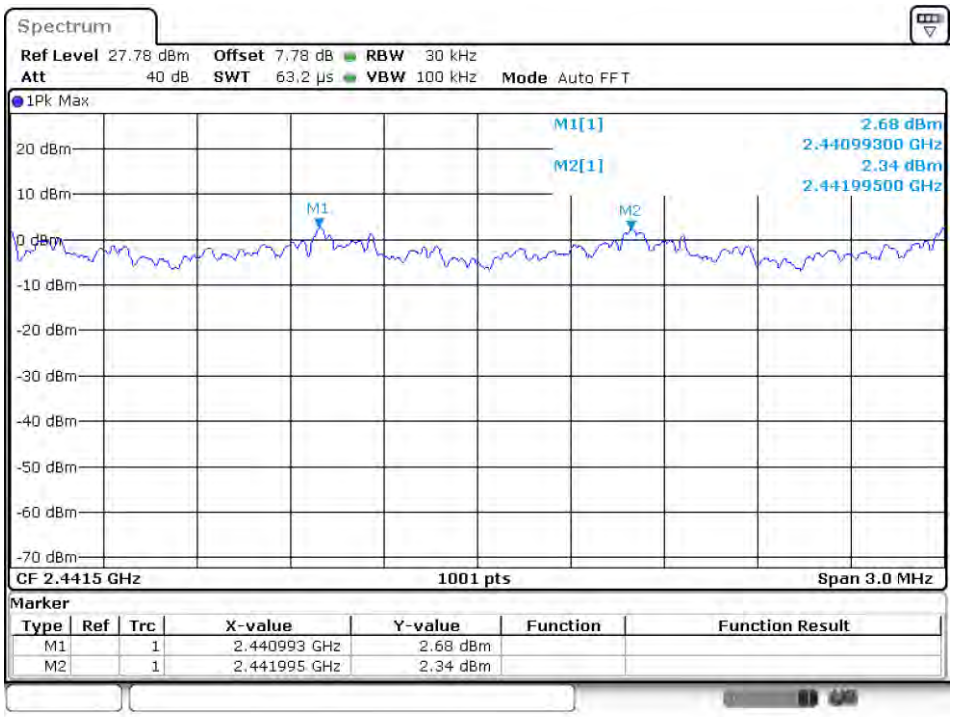
CFS NVNT 2-DH5 2480MHz



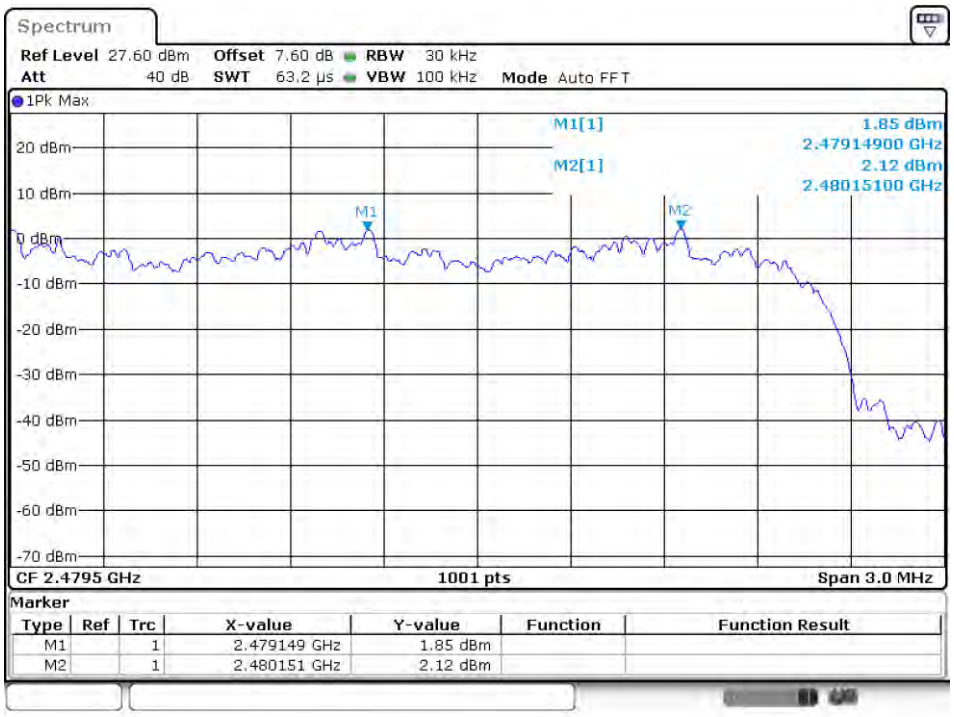
CFS NVNT 3-DH5 2402MHz



CFS NVNT 3-DH5 2441MHz



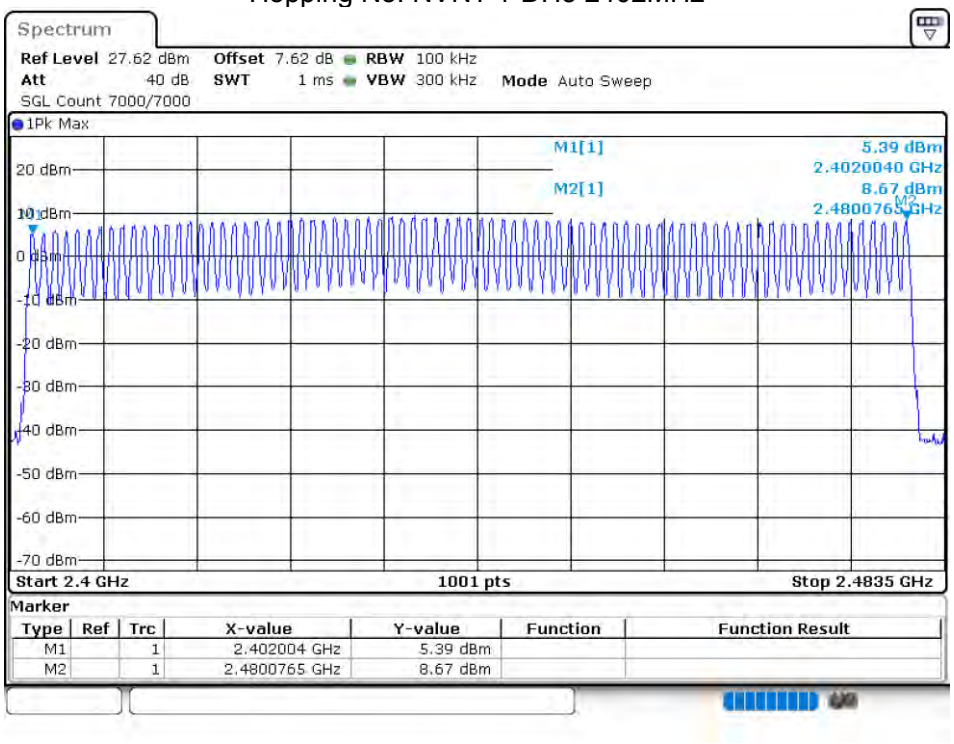
CFS NVNT 3-DH5 2480MHz



8.1.12 **NUMBER OF HOPPING CHANNEL**

Condition	Mode	Hopping Number	Limit	Verdict
NVNT	1-DH5	79	15	Pass

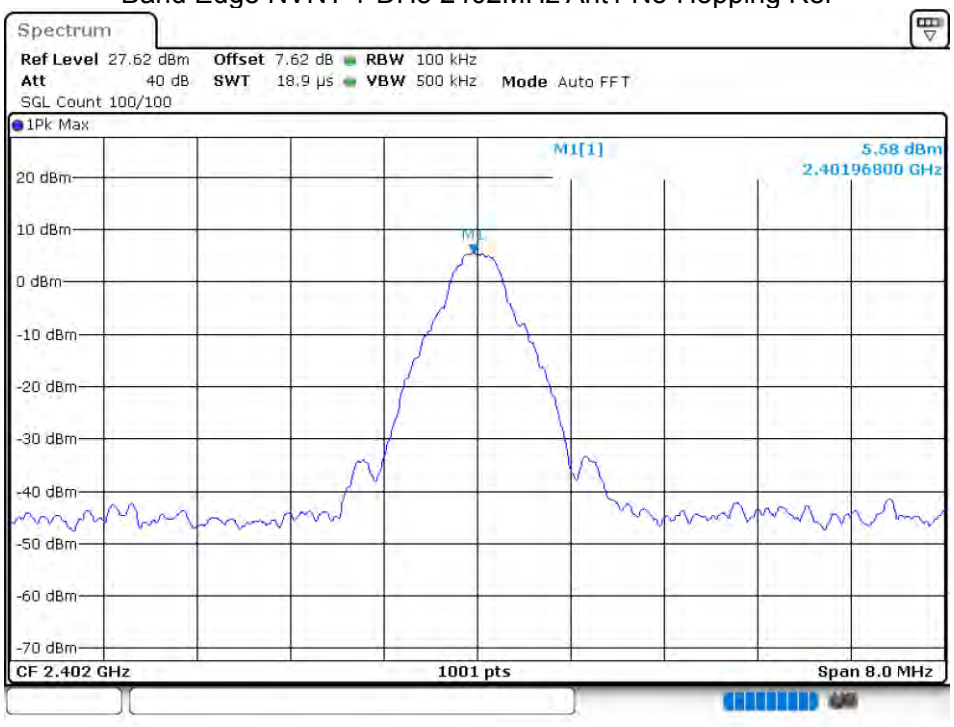
Hopping No. NVNT 1-DH5 2402MHz



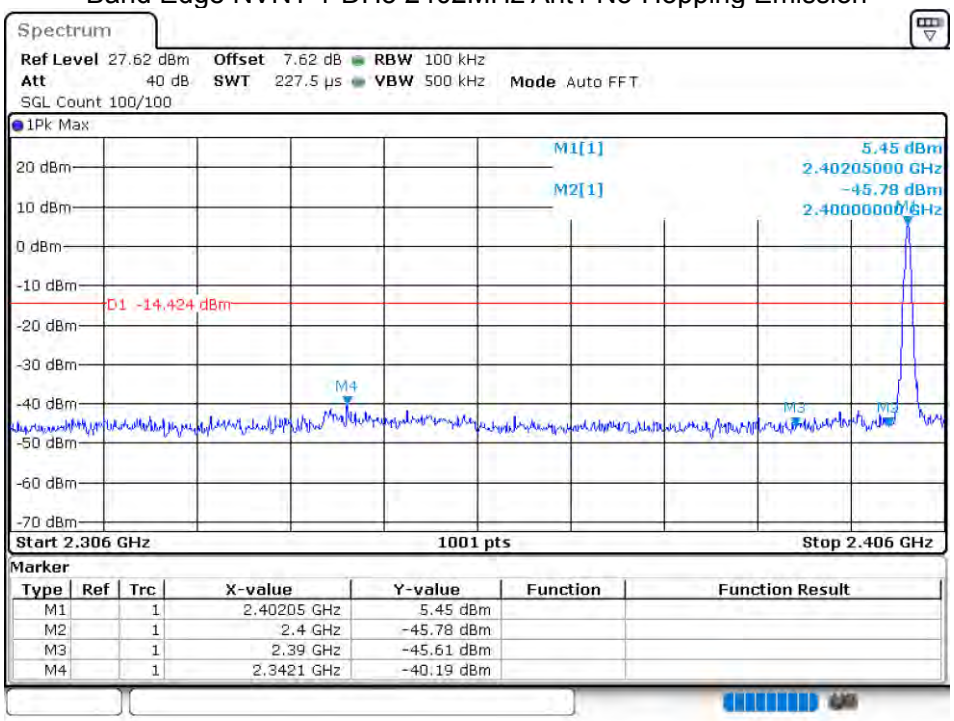
8.1.13 **BAND EDGE**

Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant 1	No-Hopping	-45.76	-20	Pass
NVNT	1-DH5	2402	Ant 1	Hopping	-46.79	-20	Pass
NVNT	1-DH5	2480	Ant 1	No-Hopping	-47.9	-20	Pass
NVNT	1-DH5	2480	Ant 1	Hopping	-47.93	-20	Pass
NVNT	2-DH5	2402	Ant 1	No-Hopping	-44.12	-20	Pass
NVNT	2-DH5	2402	Ant 1	Hopping	-44.9	-20	Pass
NVNT	2-DH5	2480	Ant 1	No-Hopping	-46.48	-20	Pass
NVNT	2-DH5	2480	Ant 1	Hopping	-47.06	-20	Pass
NVNT	3-DH5	2402	Ant 1	No-Hopping	-47.53	-20	Pass
NVNT	3-DH5	2402	Ant 1	Hopping	-46.82	-20	Pass
NVNT	3-DH5	2480	Ant 1	No-Hopping	-44.49	-20	Pass
NVNT	3-DH5	2480	Ant 1	Hopping	-47.6	-20	Pass

Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Ref

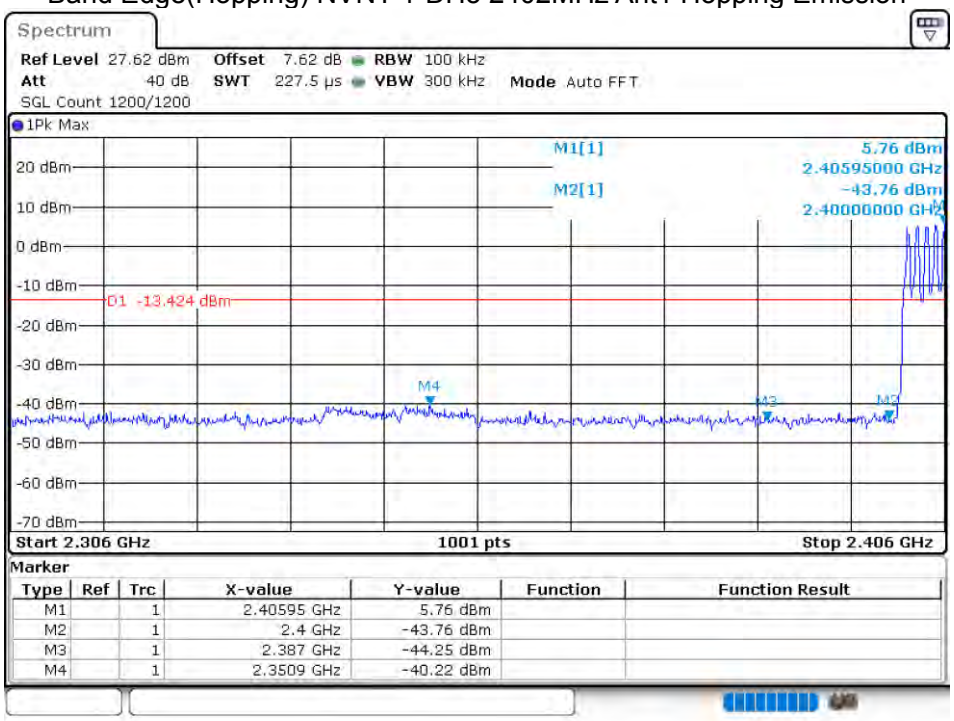


Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission

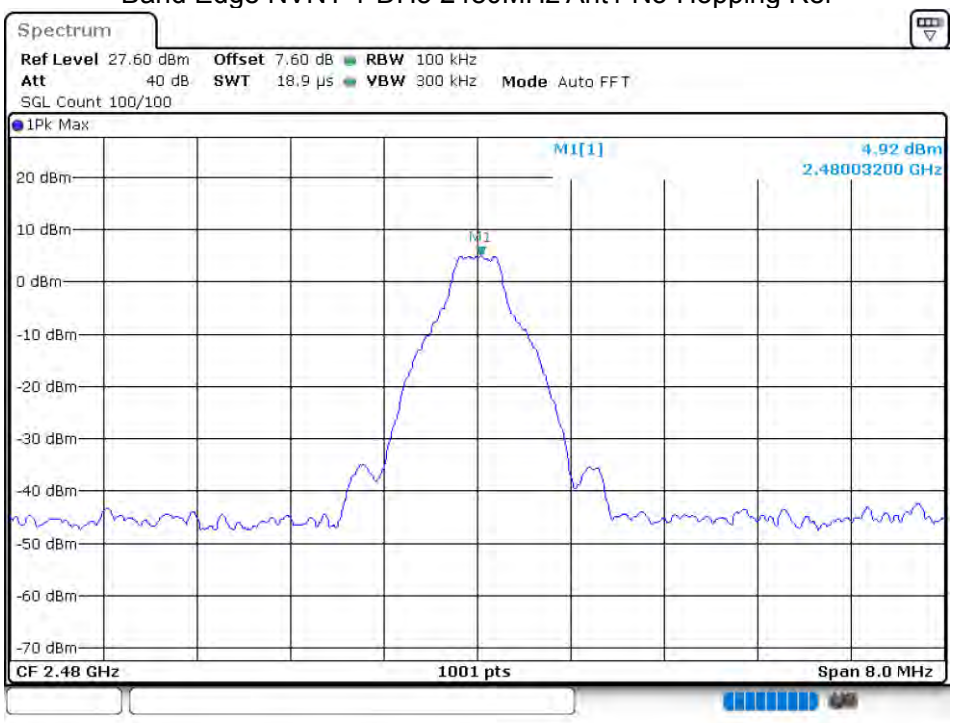


Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Ref

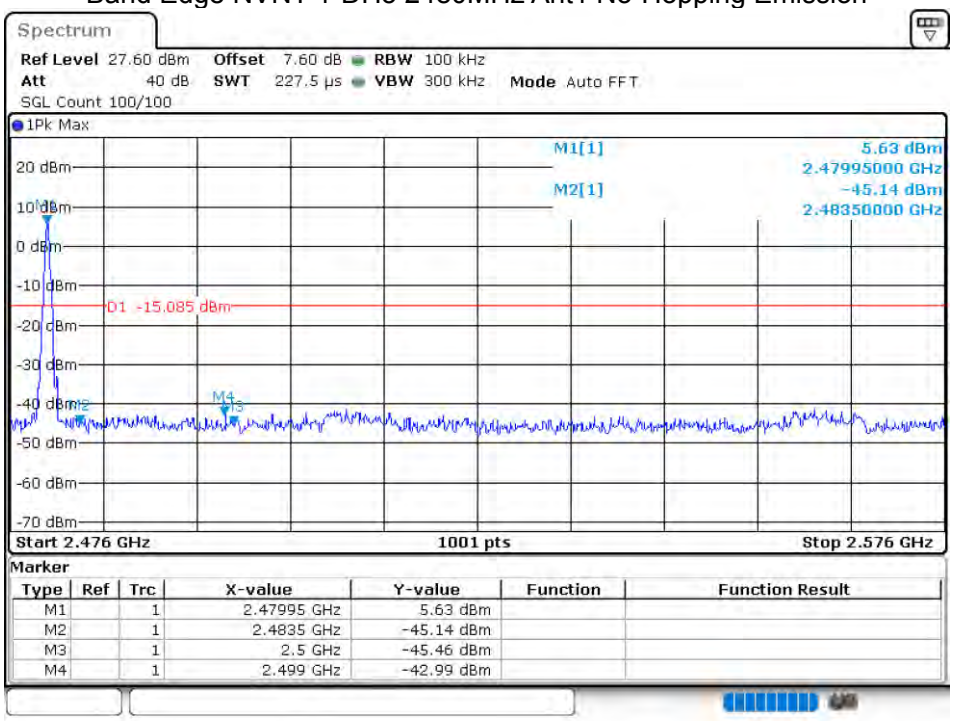
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission



Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref

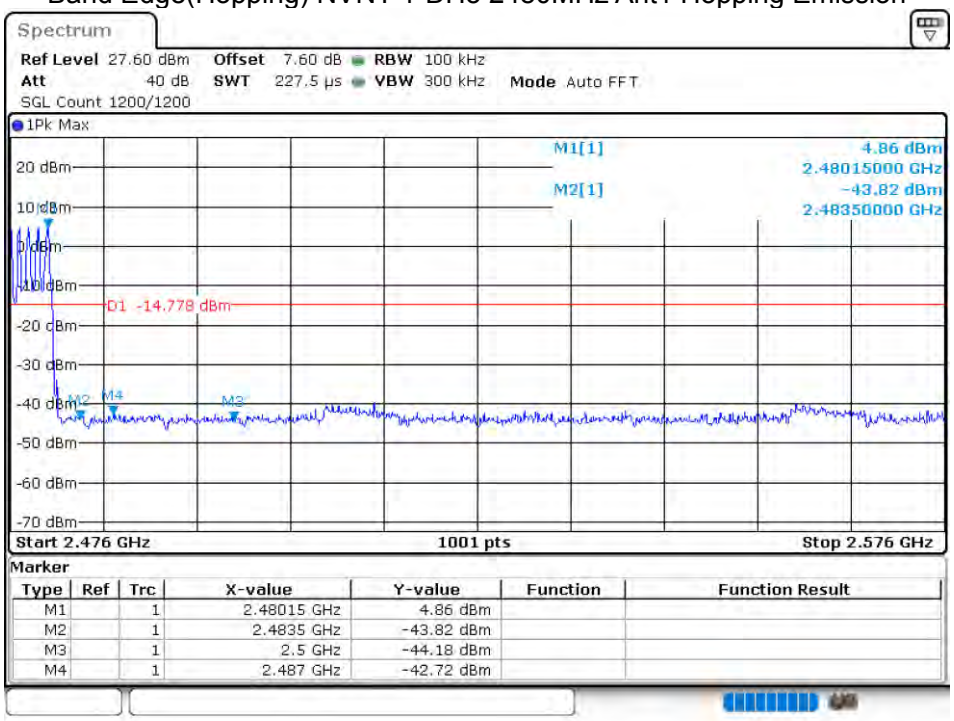


Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission



Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Ref

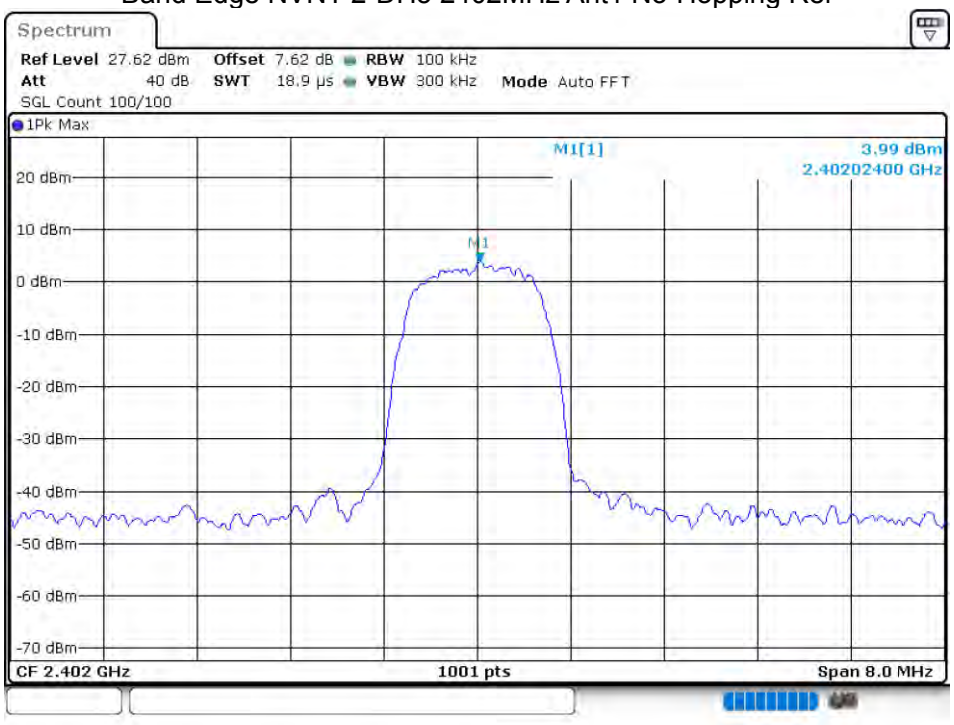
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission



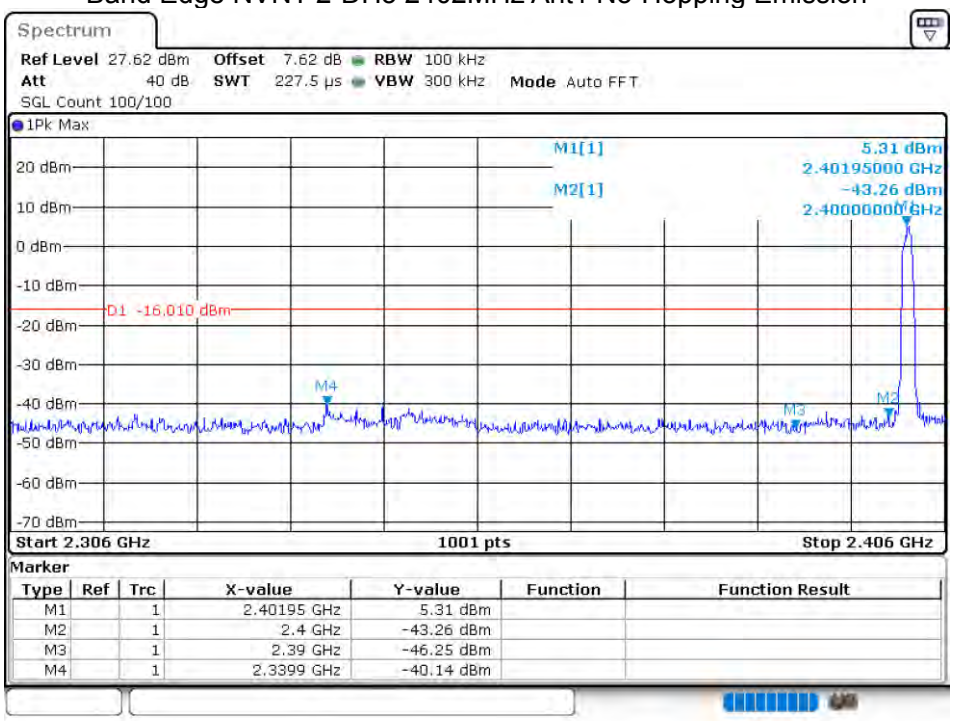
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.48015 GHz	4.86 dBm		
M2		1	2.4835 GHz	-43.82 dBm		
M3		1	2.5 GHz	-44.18 dBm		
M4		1	2.487 GHz	-42.72 dBm		

Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Ref



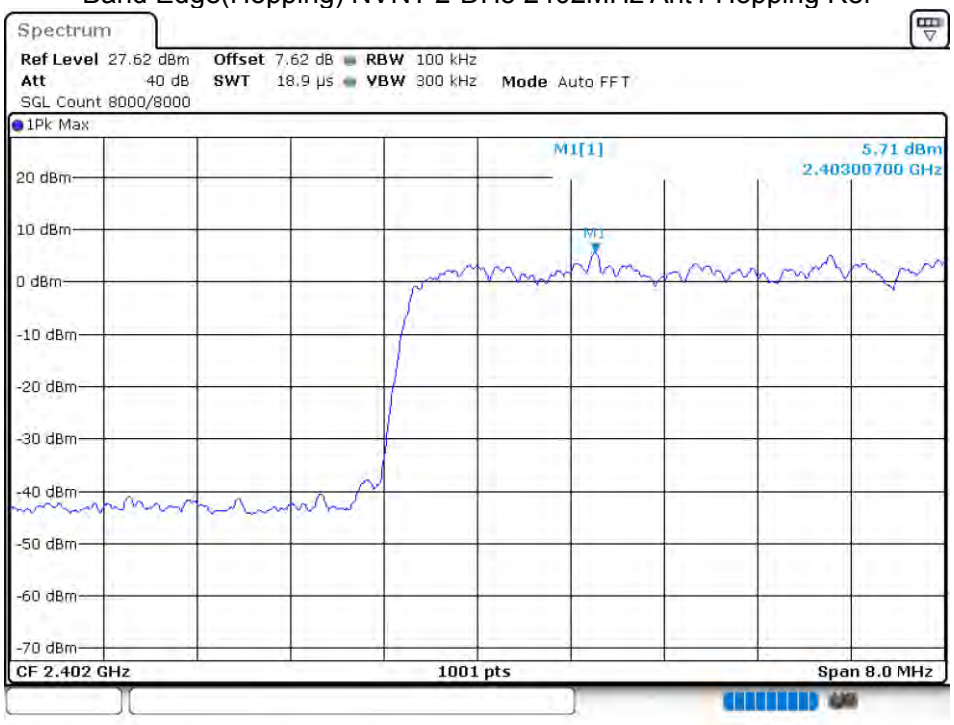
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission



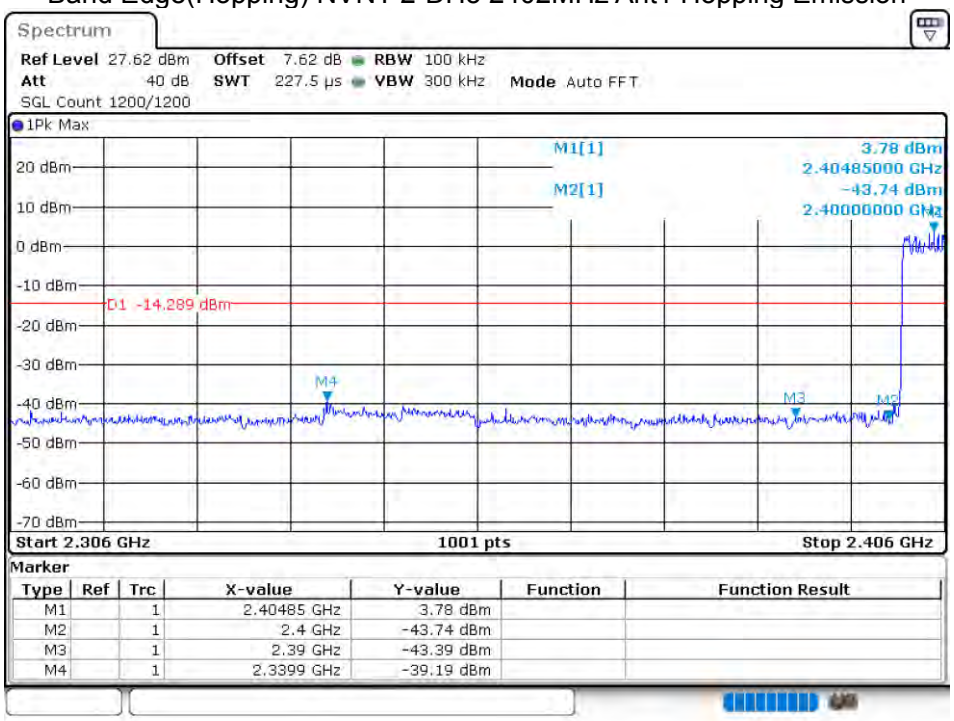
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40195 GHz	5.31 dBm		
M2		1	2.4 GHz	-43.26 dBm		
M3		1	2.39 GHz	-46.25 dBm		
M4		1	2.3399 GHz	-40.14 dBm		

Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Ref



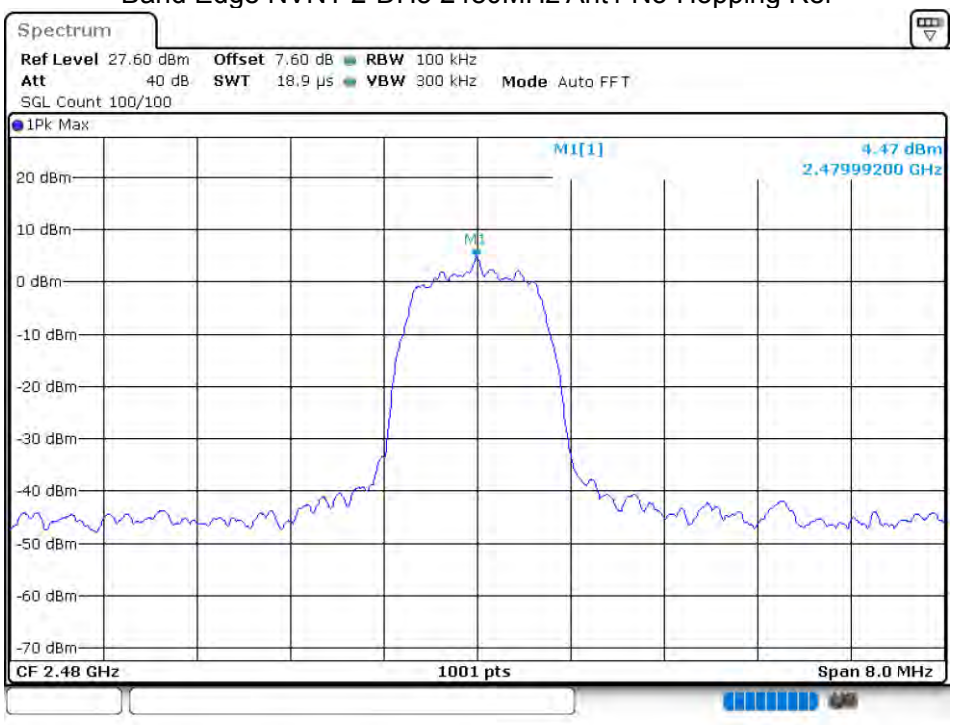
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission



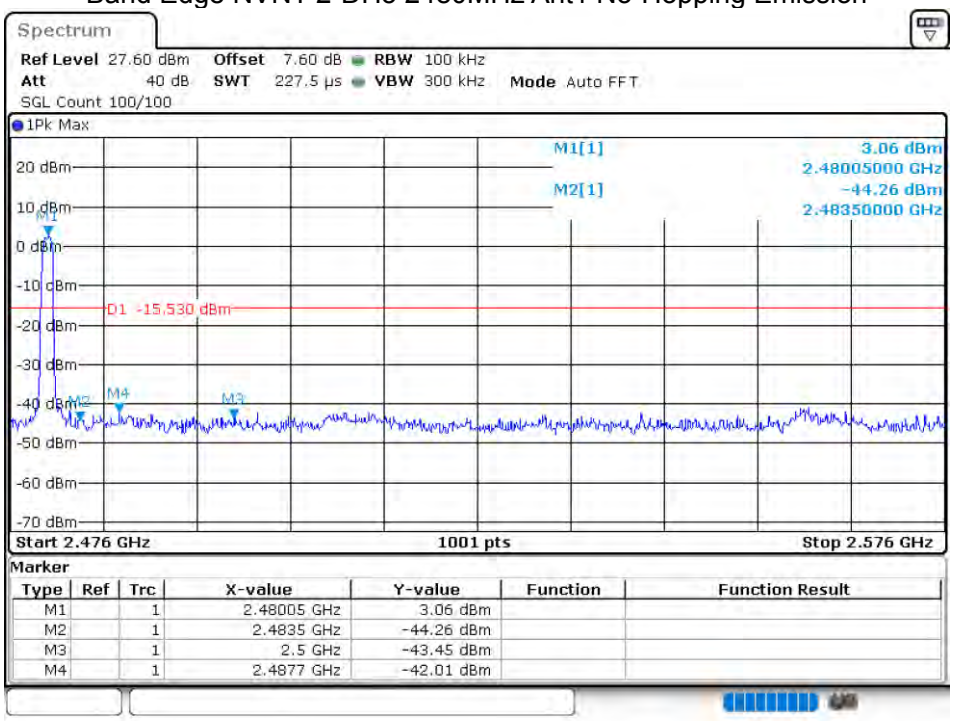
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40485 GHz	3.78 dBm		
M2		1	2.4 GHz	-43.74 dBm		
M3		1	2.39 GHz	-43.39 dBm		
M4		1	2.3399 GHz	-39.19 dBm		

Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Ref

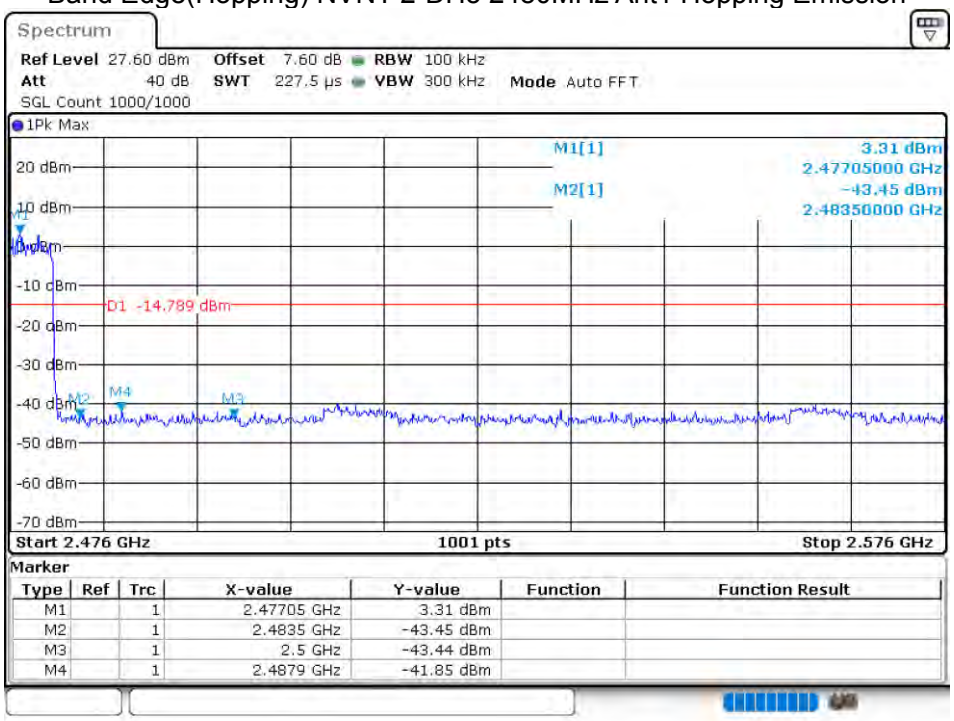


Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission



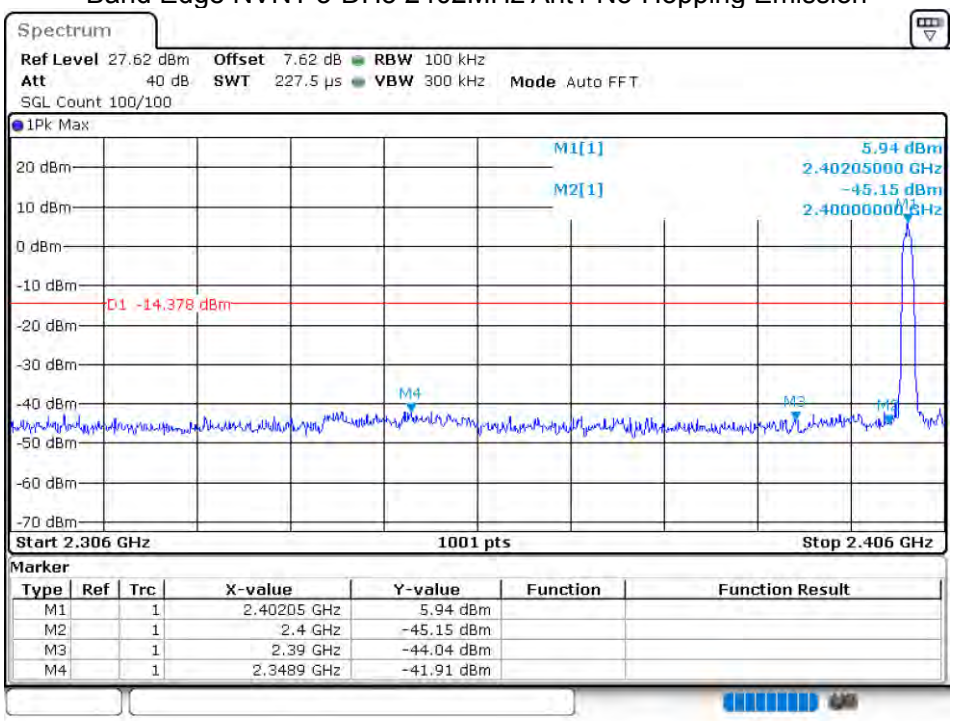
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Ref

Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission



Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Ref

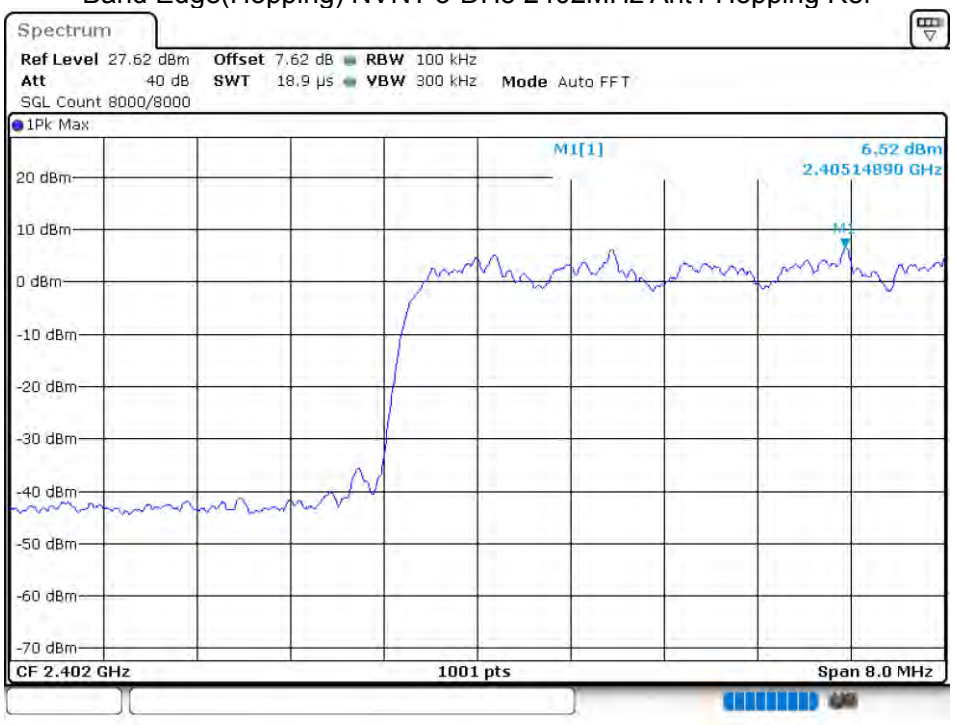
Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission



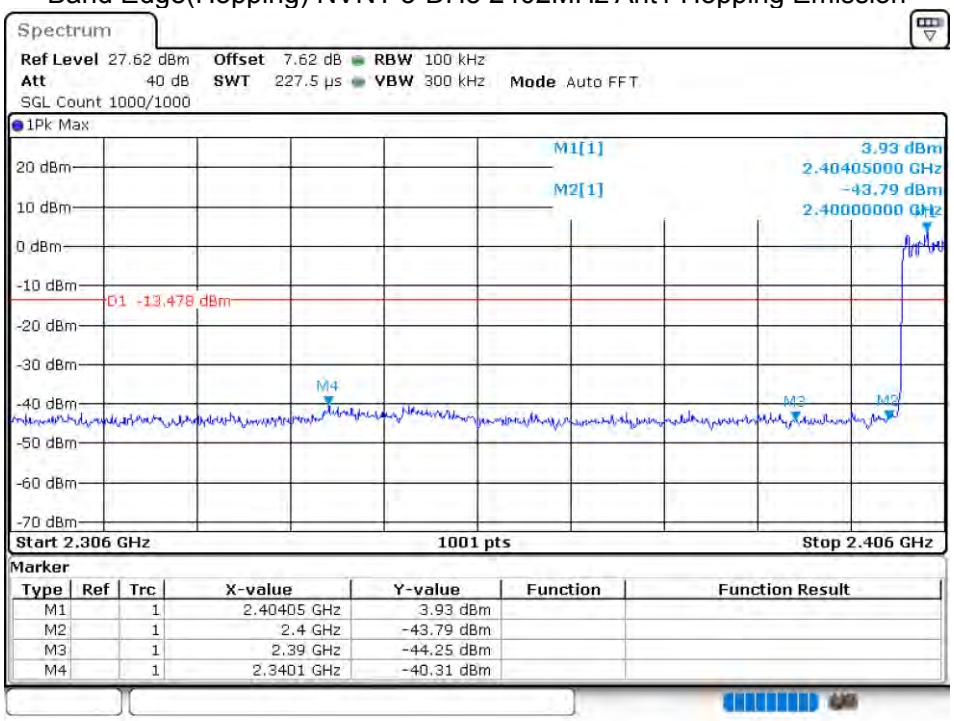
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40205 GHz	5.94 dBm		
M2		1	2.4 GHz	-45.15 dBm		
M3		1	2.39 GHz	-44.04 dBm		
M4		1	2.3489 GHz	-41.91 dBm		

Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Ref



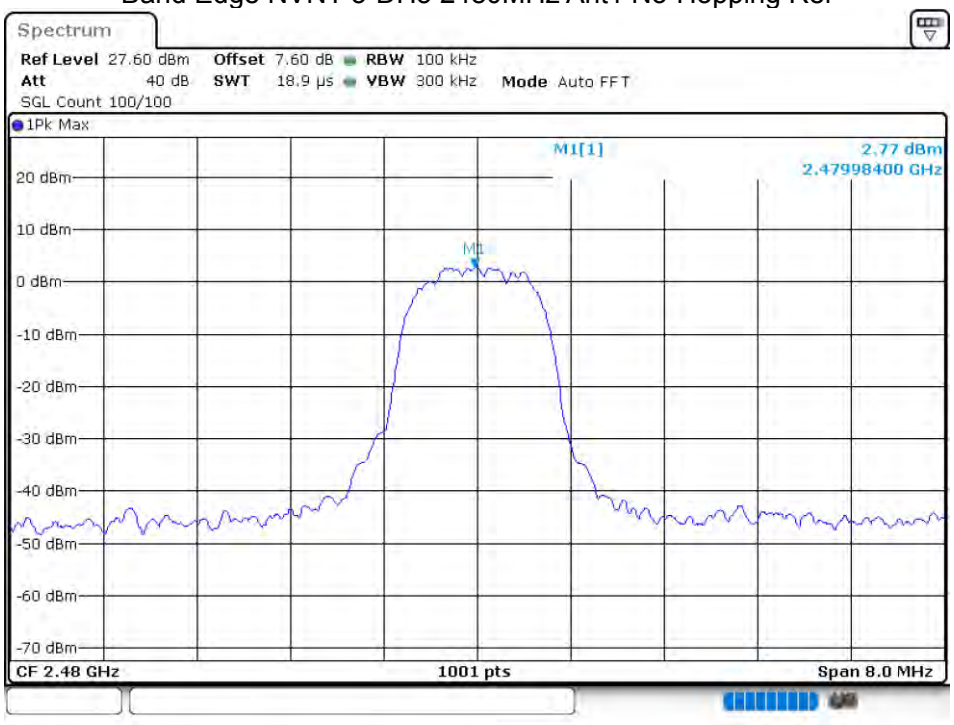
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission



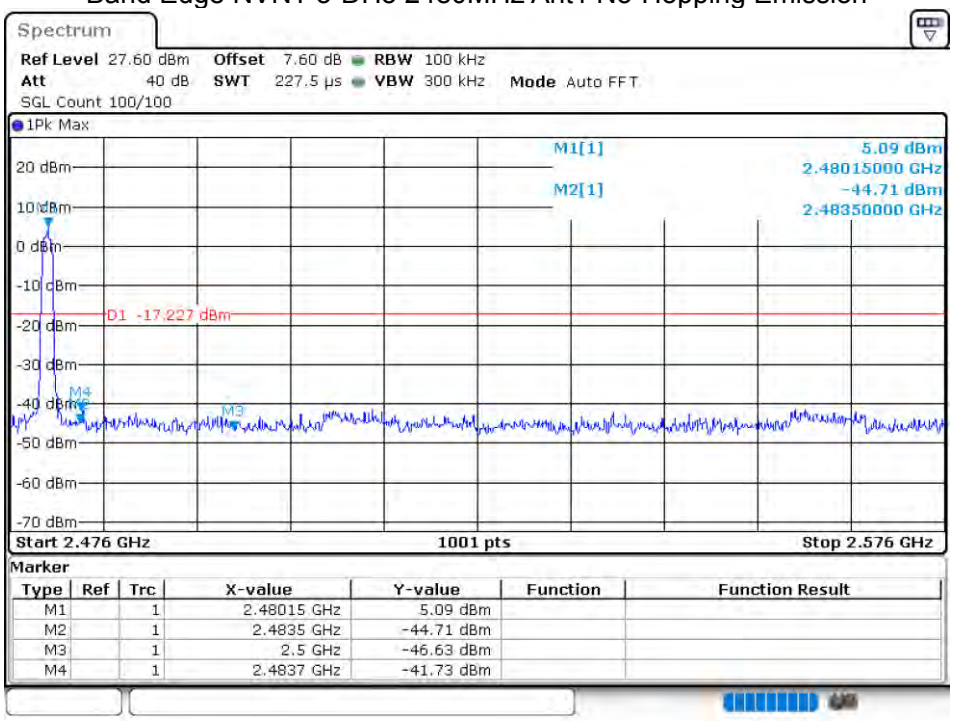
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40405 GHz	3.93 dBm		
M2		1	2.4 GHz	-43.79 dBm		
M3		1	2.39 GHz	-44.25 dBm		
M4		1	2.3401 GHz	-40.31 dBm		

Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Ref



Band Edge NVNT 3-DH5 2480MHz Ant1 No-Hopping Emission

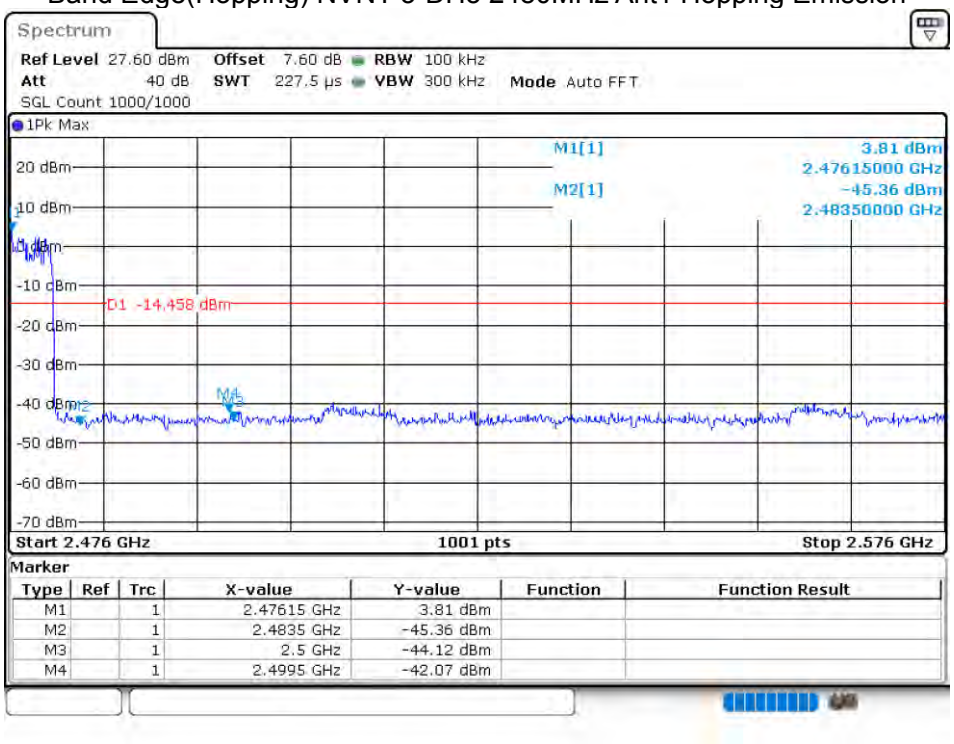


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.48015 GHz	5.09 dBm		
M2		1	2.4835 GHz	-44.71 dBm		
M3		1	2.5 GHz	-46.63 dBm		
M4		1	2.4837 GHz	-41.73 dBm		

Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Ref

Band Edge(Hopping) NVNT 3-DH5 2480MHz Ant1 Hopping Emission



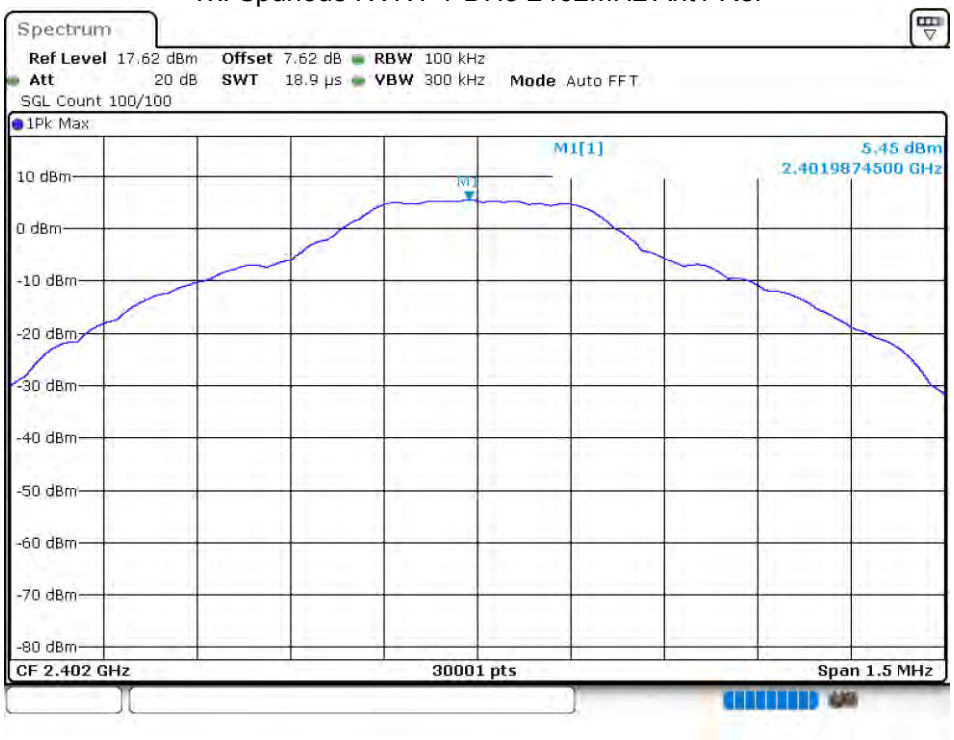
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47615 GHz	3.81 dBm		
M2		1	2.4835 GHz	-45.36 dBm		
M3		1	2.5 GHz	-44.12 dBm		
M4		1	2.4995 GHz	-42.07 dBm		

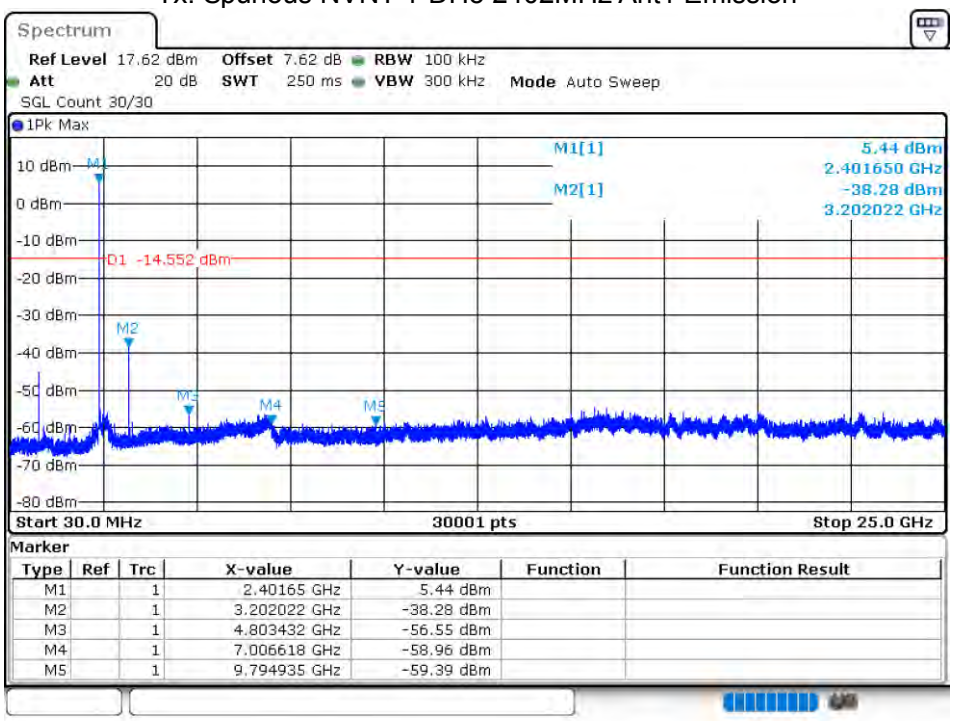
8.1.14 CONDUCTED RF SPURIOUS EMISSION

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant 1	-43.72	-20	Pass
NVNT	1-DH5	2441	Ant 1	-48.09	-20	Pass
NVNT	1-DH5	2480	Ant 1	-45.33	-20	Pass
NVNT	2-DH5	2402	Ant 1	-41.94	-20	Pass
NVNT	2-DH5	2441	Ant 1	-47.64	-20	Pass
NVNT	2-DH5	2480	Ant 1	-45.27	-20	Pass
NVNT	3-DH5	2402	Ant 1	-43.41	-20	Pass
NVNT	3-DH5	2441	Ant 1	-47.34	-20	Pass
NVNT	3-DH5	2480	Ant 1	-46.1	-20	Pass

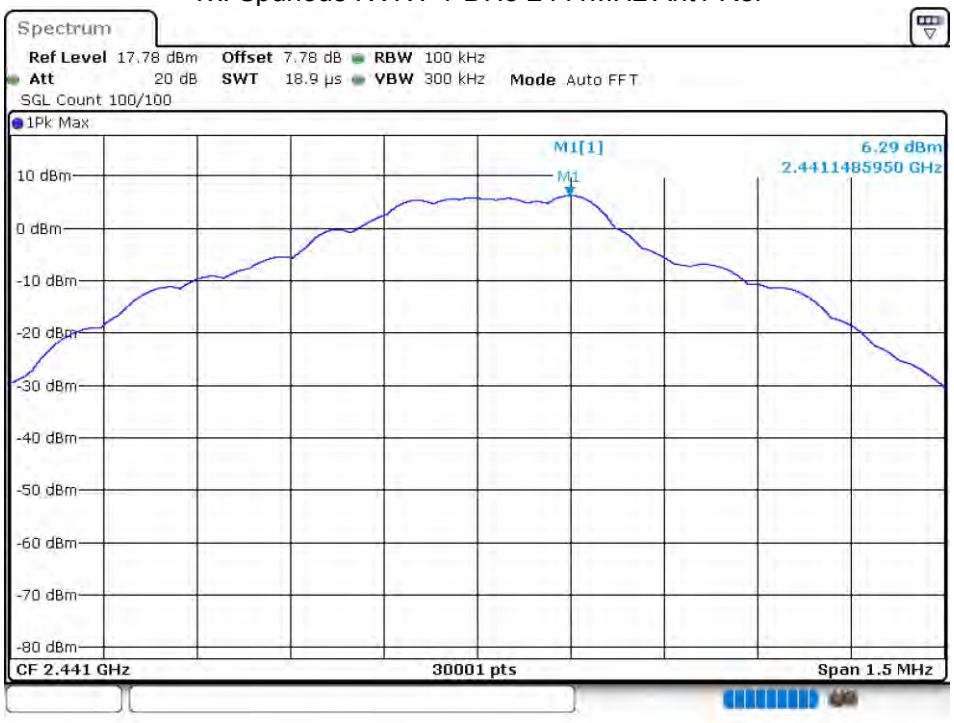
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



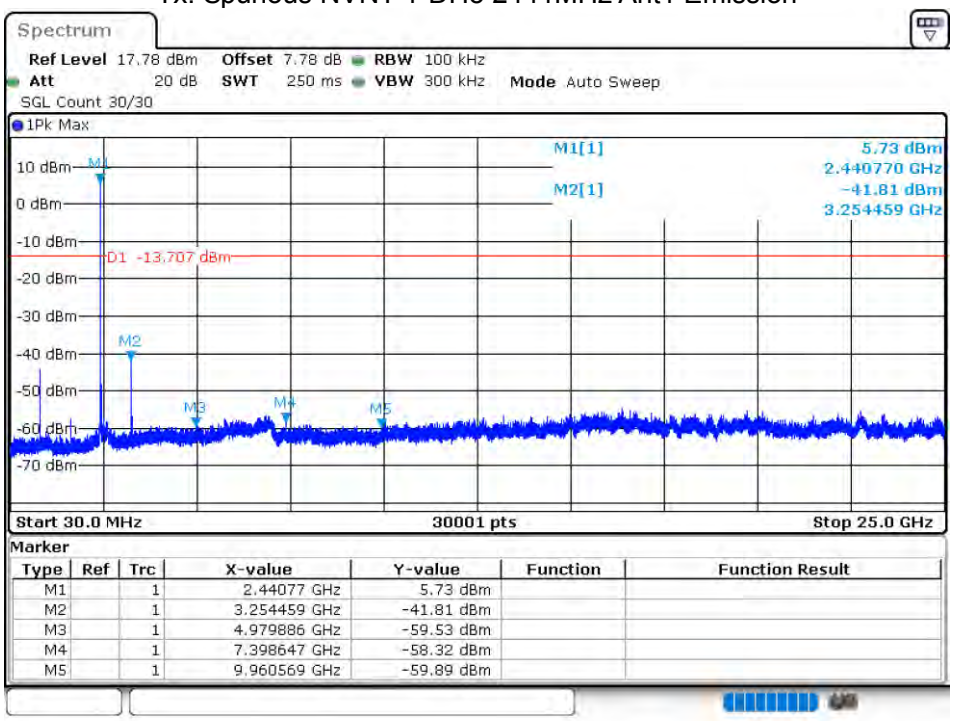
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



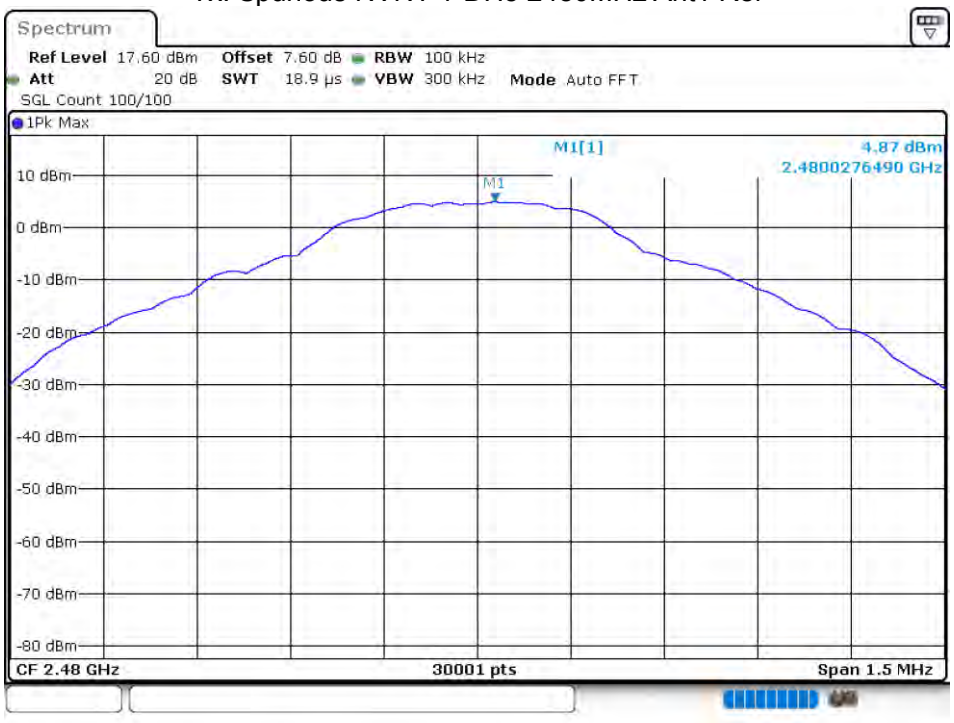
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



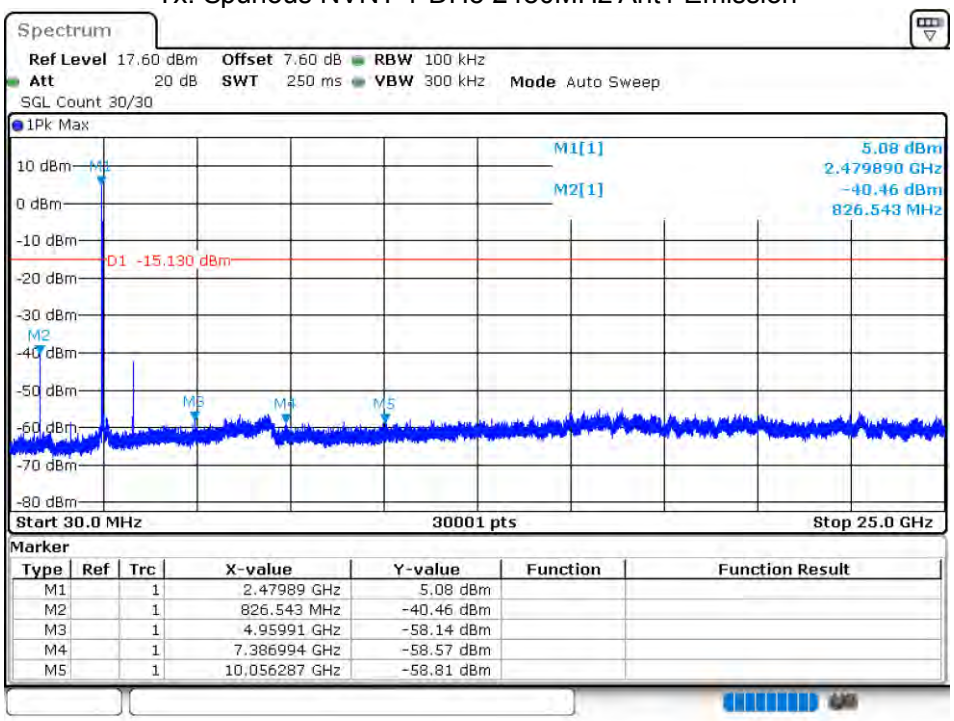
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.44077 GHz	5.73 dBm		
M2		1	3.254459 GHz	-41.81 dBm		
M3		1	4.979886 GHz	-59.53 dBm		
M4		1	7.398647 GHz	-58.32 dBm		
M5		1	9.960569 GHz	-59.89 dBm		

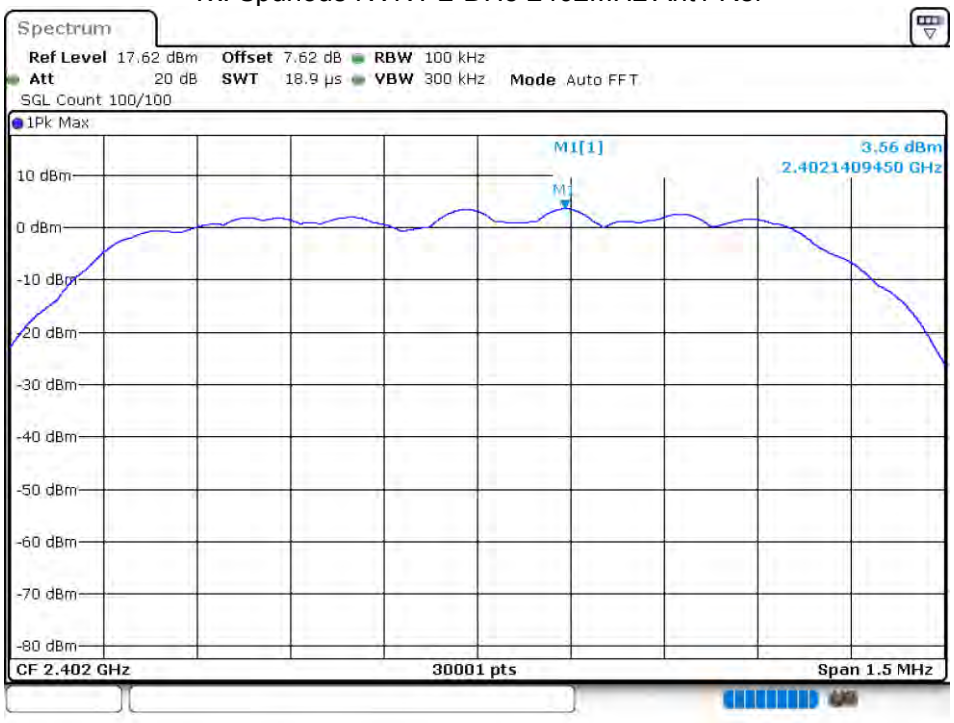
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



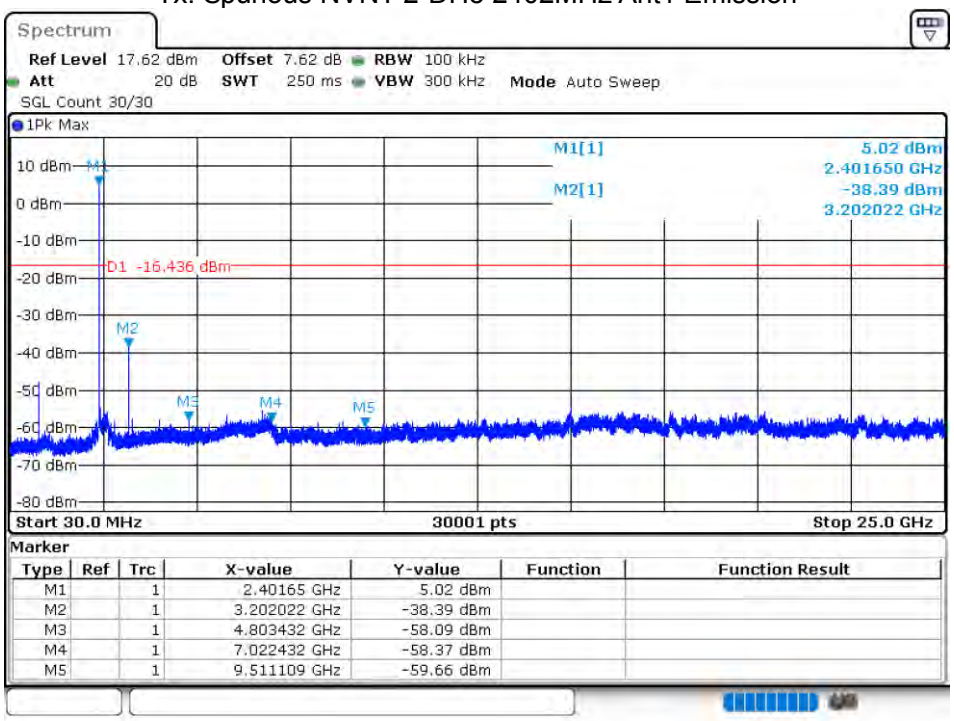
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



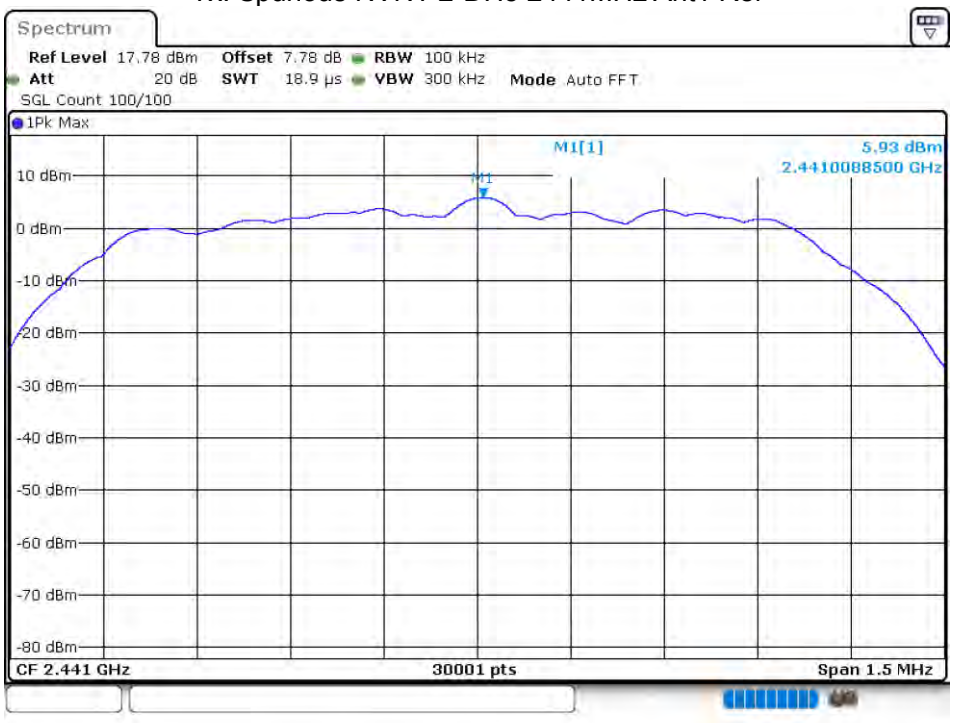
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



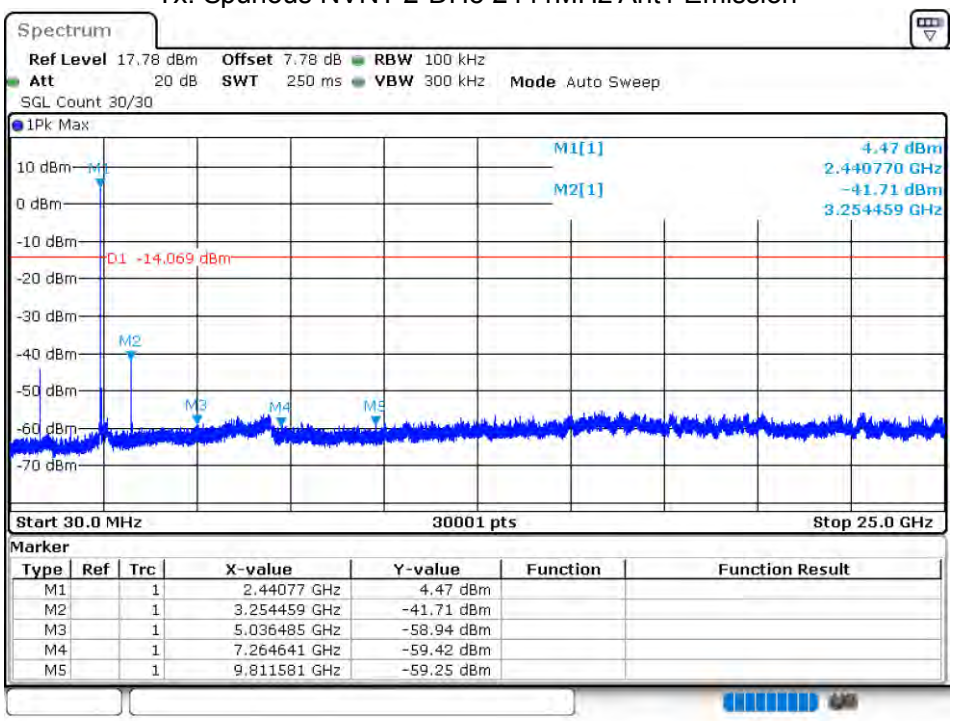
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40165 GHz	5.02 dBm		
M2		1	3.202022 GHz	-38.39 dBm		
M3		1	4.803432 GHz	-58.09 dBm		
M4		1	7.022432 GHz	-58.37 dBm		
M5		1	9.511109 GHz	-59.66 dBm		

Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



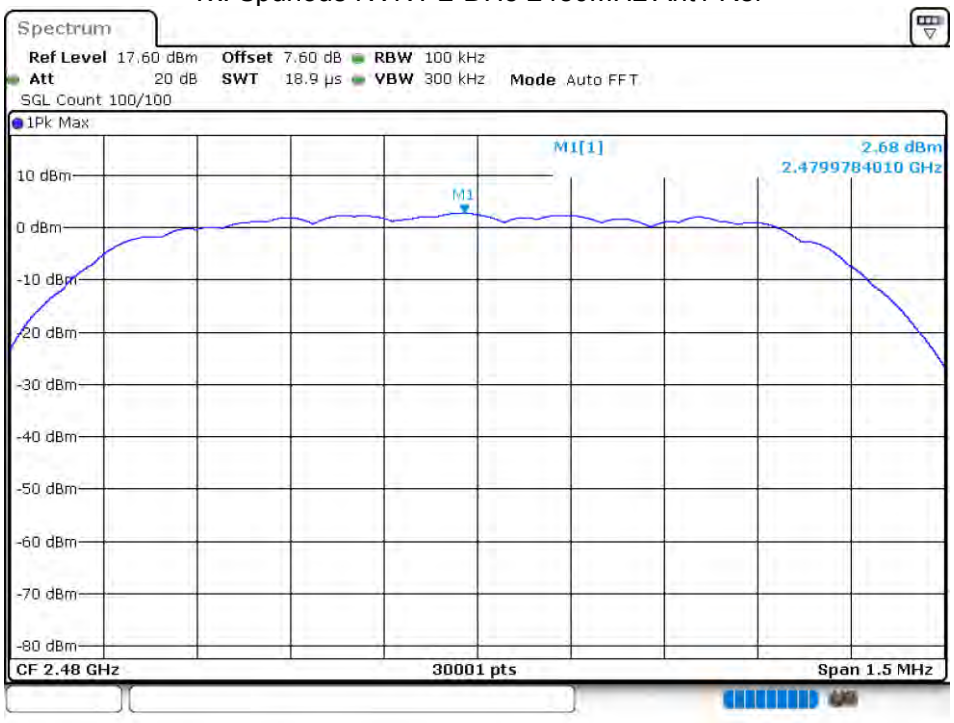
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



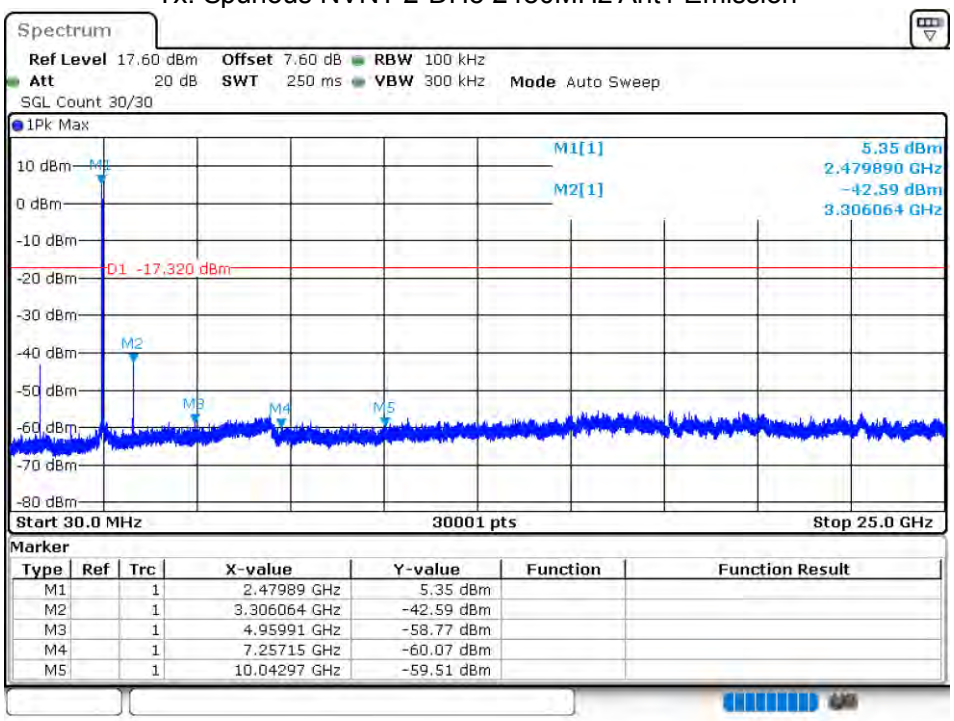
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.44077 GHz	4.47 dBm		
M2		1	3.254459 GHz	-41.71 dBm		
M3		1	5.036485 GHz	-58.94 dBm		
M4		1	7.264641 GHz	-59.42 dBm		
M5		1	9.811581 GHz	-59.25 dBm		

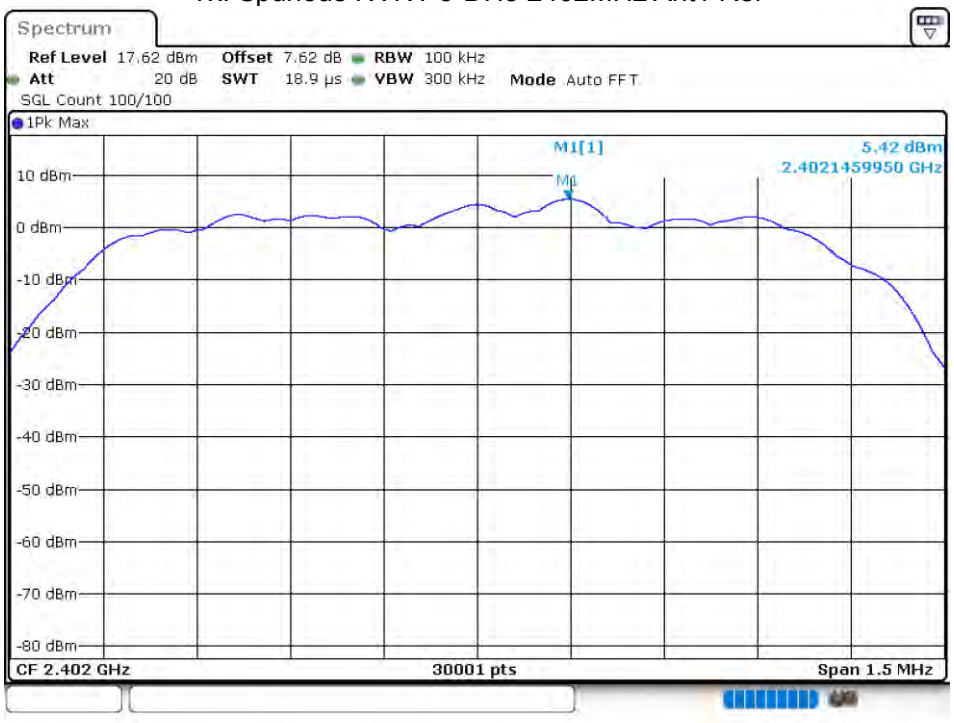
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



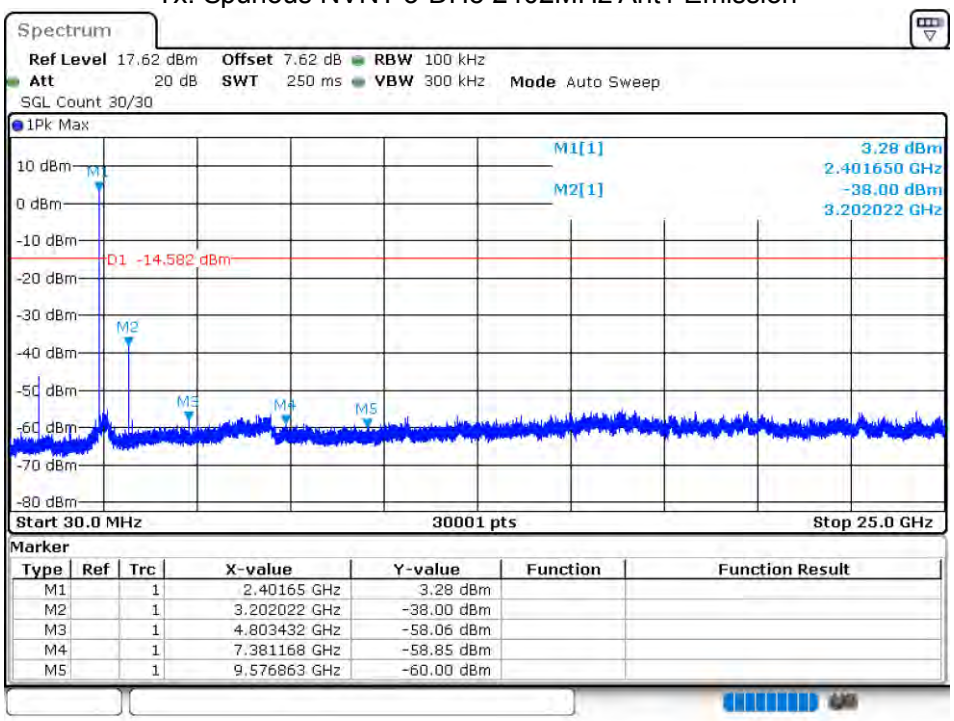
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



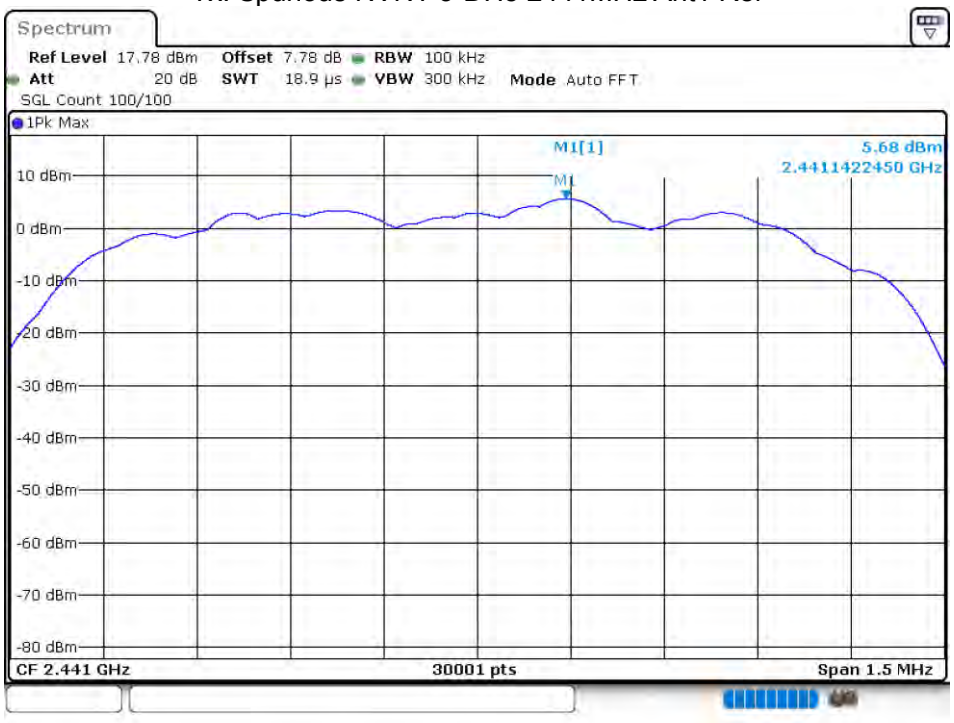
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



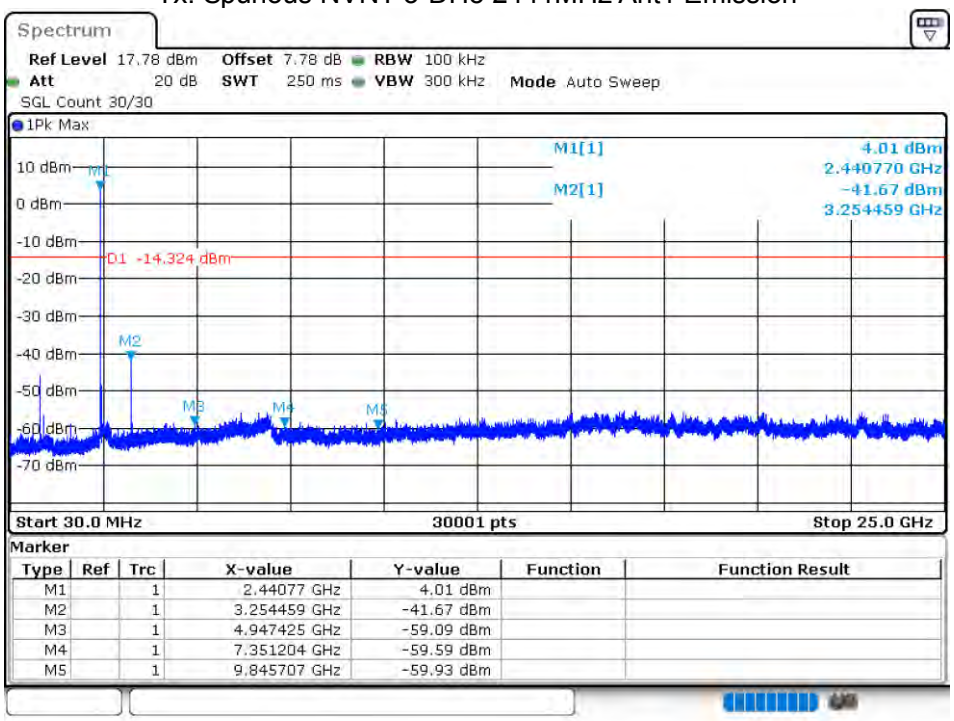
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40165 GHz	3.28 dBm		
M2		1	3.202022 GHz	-38.00 dBm		
M3		1	4.803432 GHz	-58.06 dBm		
M4		1	7.381168 GHz	-58.85 dBm		
M5		1	9.576863 GHz	-60.00 dBm		

Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



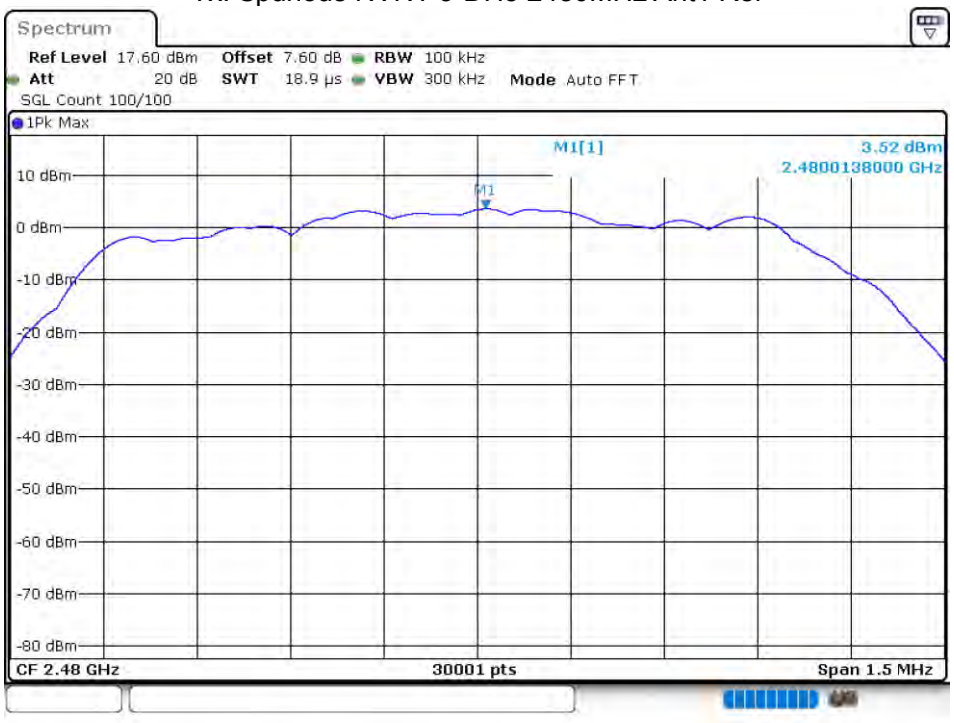
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



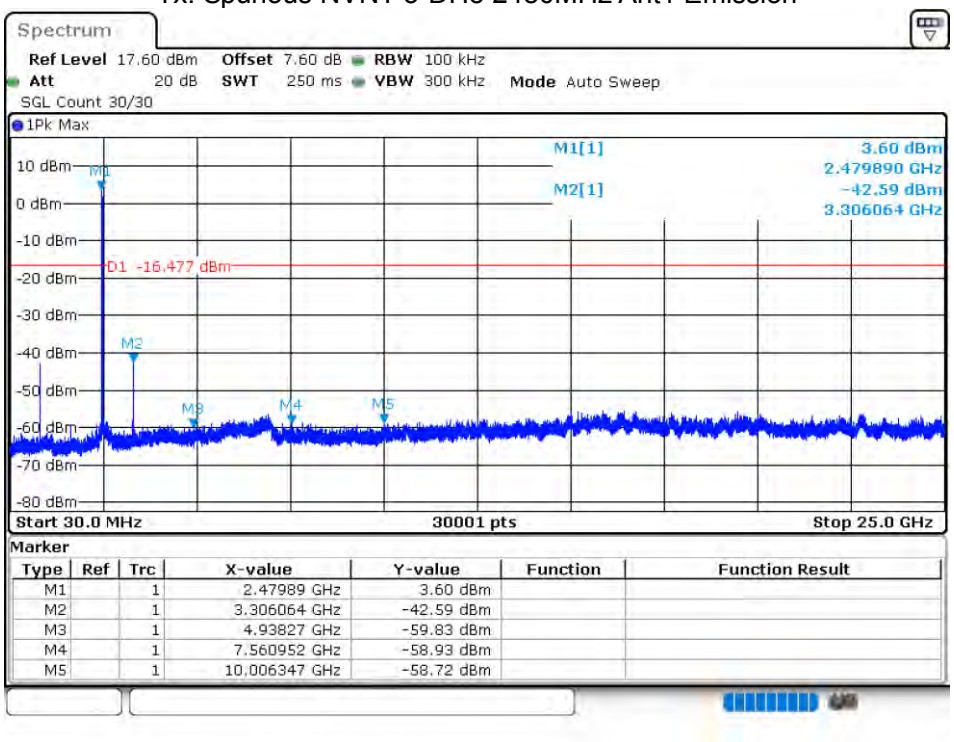
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.44077 GHz	4.01 dBm		
M2		1	3.254459 GHz	-41.67 dBm		
M3		1	4.947425 GHz	-59.09 dBm		
M4		1	7.351204 GHz	-59.59 dBm		
M5		1	9.845707 GHz	-59.93 dBm		

Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Ref



Tx. Spurious NVNT 3-DH5 2480MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47989 GHz	3.60 dBm		
M2		1	3.306064 GHz	-42.59 dBm		
M3		1	4.93827 GHz	-59.83 dBm		
M4		1	7.560952 GHz	-58.93 dBm		
M5		1	10.006347 GHz	-58.72 dBm		

END OF REPORT