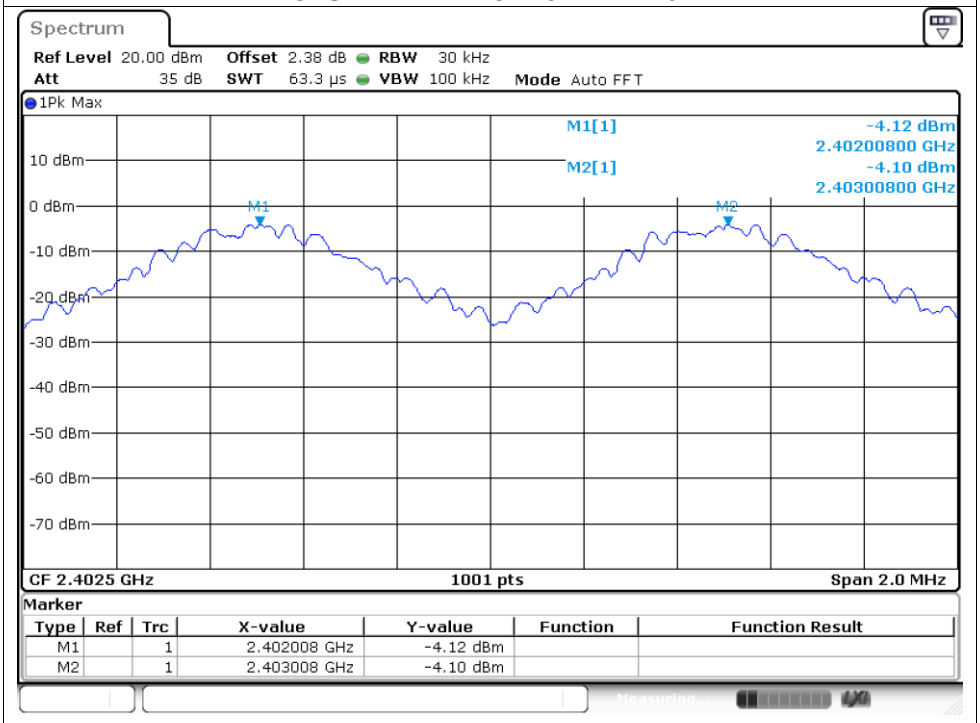
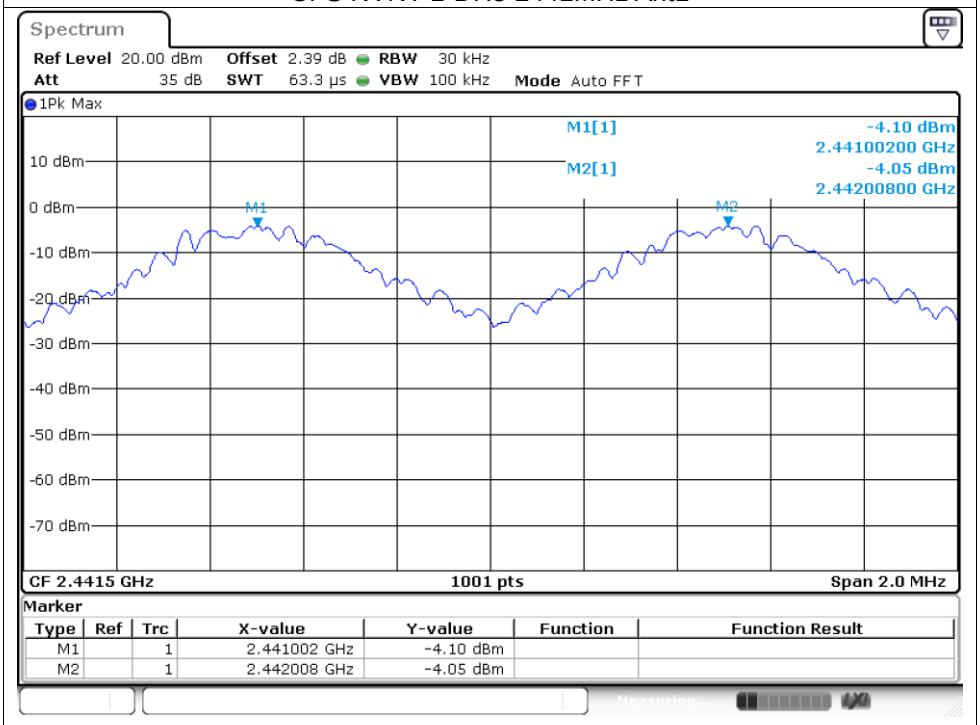
Test Graphs

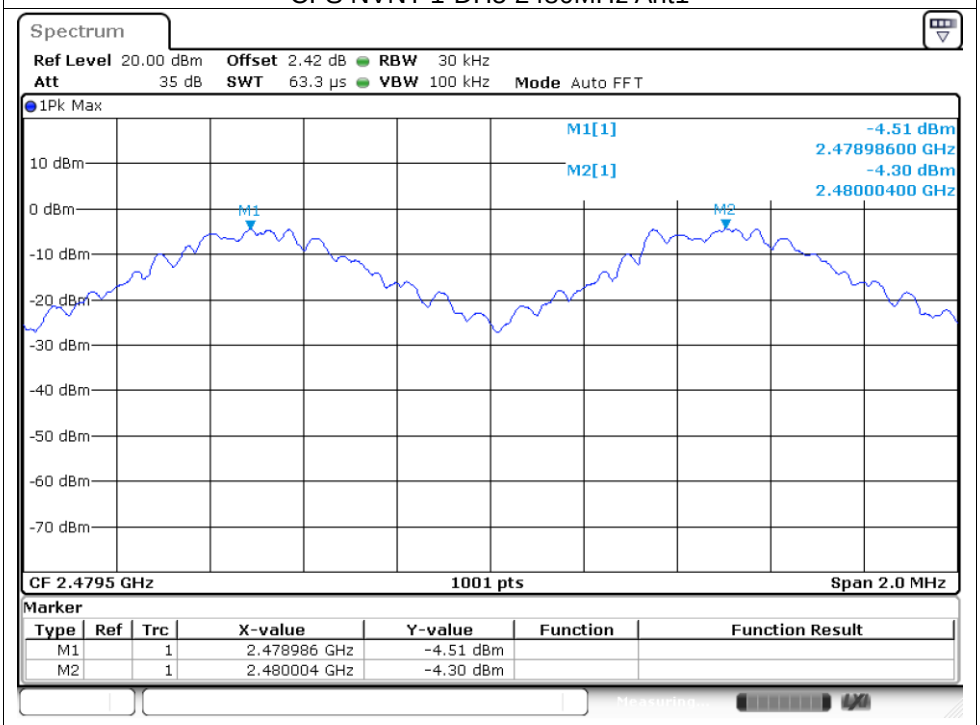
CFS NVNT 1-DH5 2402MHz Ant1



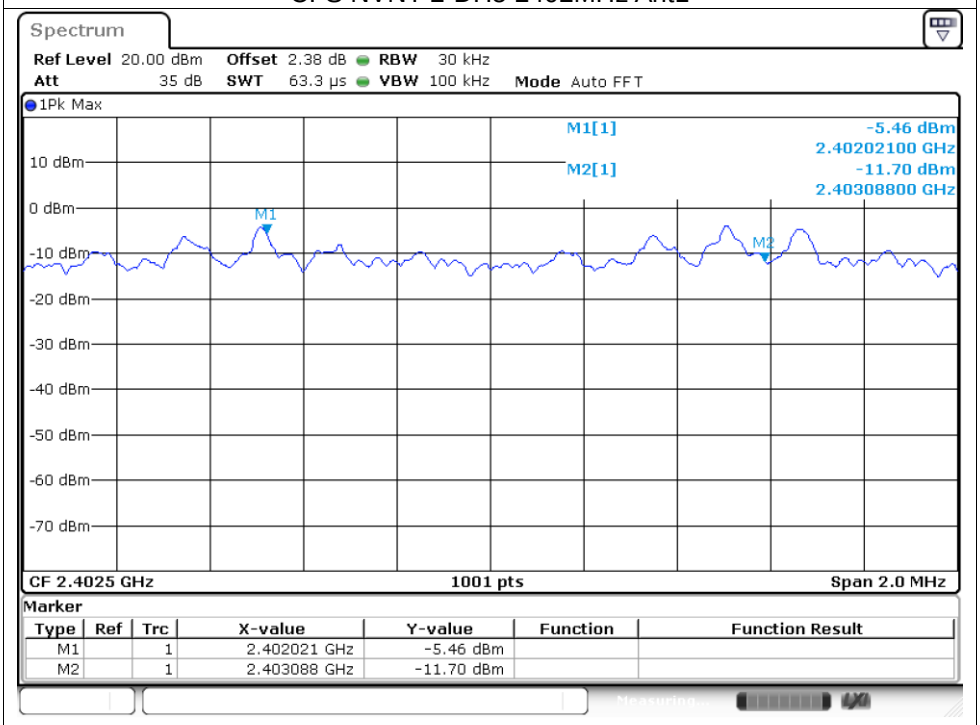
CFS NVNT 1-DH5 2441MHz Ant1



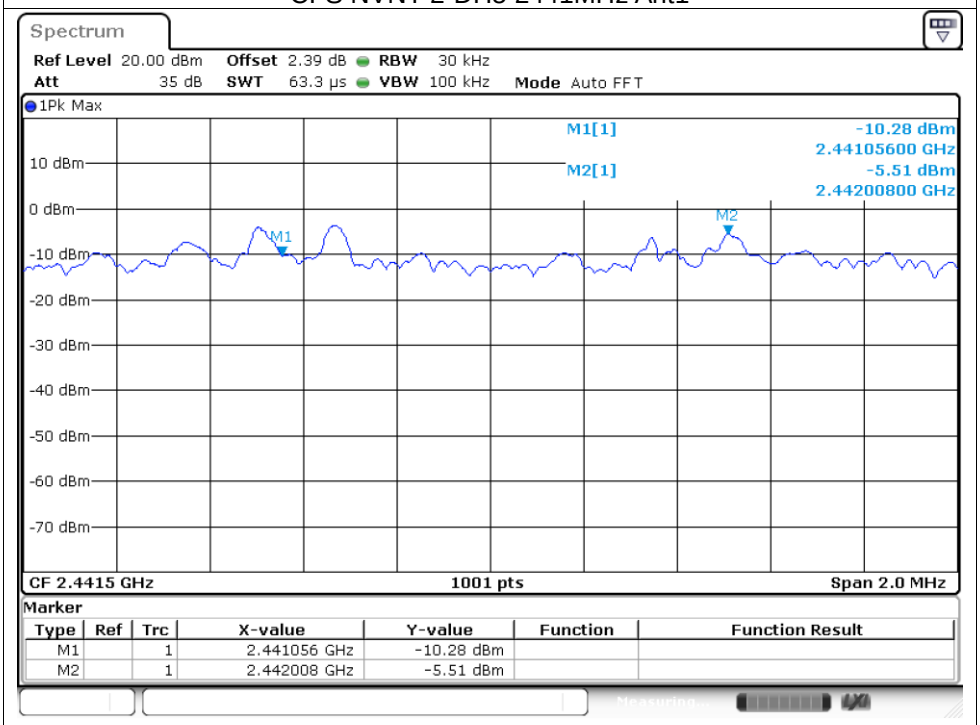
CFS NVNT 1-DH5 2480MHz Ant1



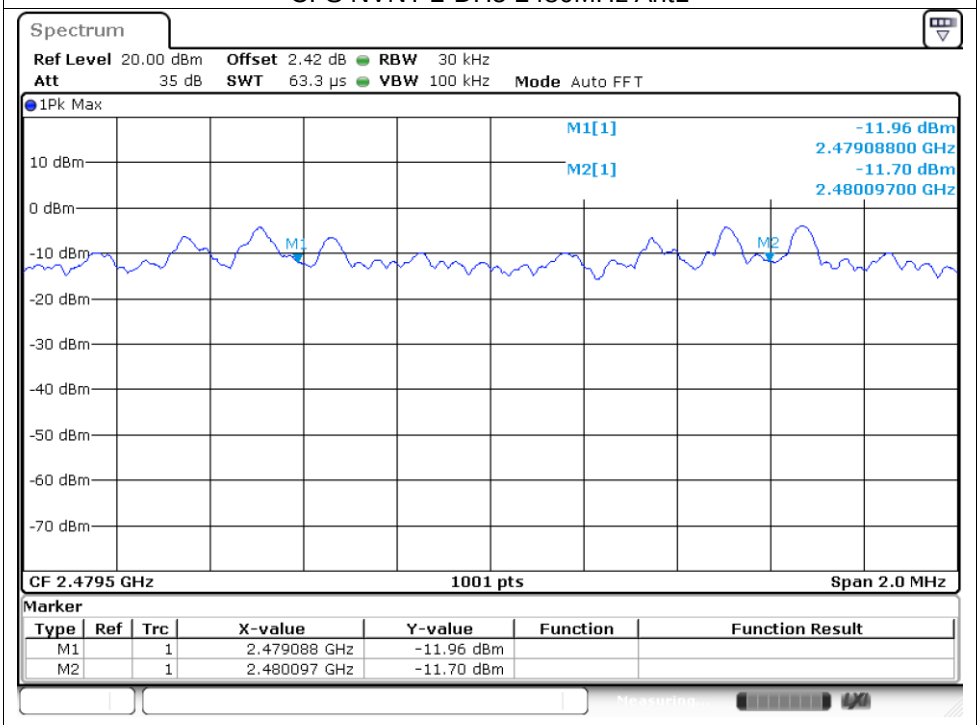
CFS NVNT 2-DH5 2402MHz Ant1



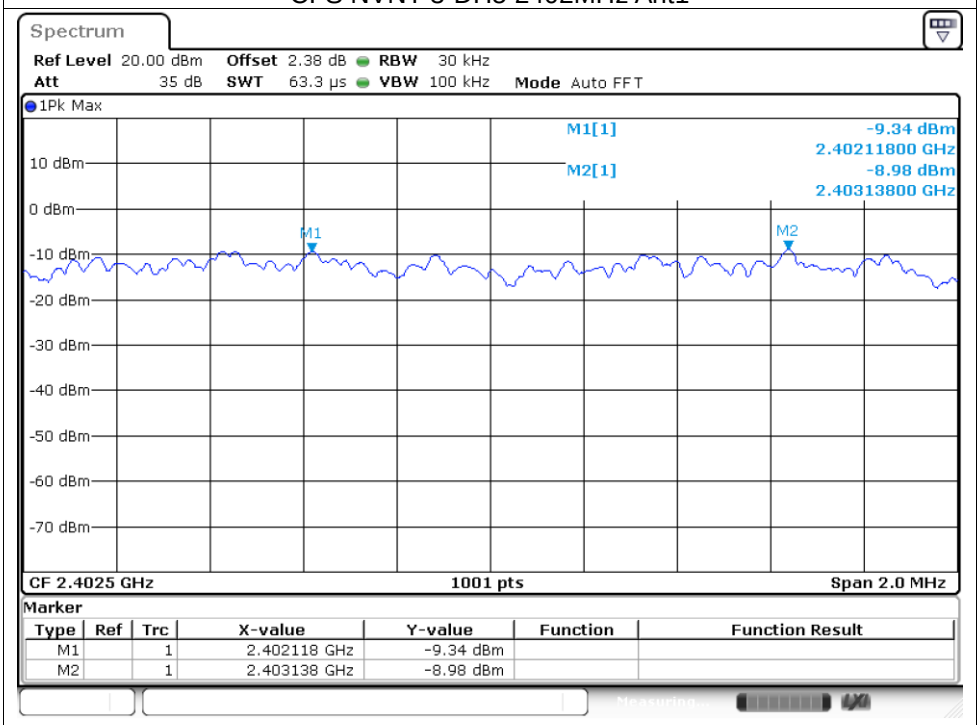
CFS NVNT 2-DH5 2441MHz Ant1



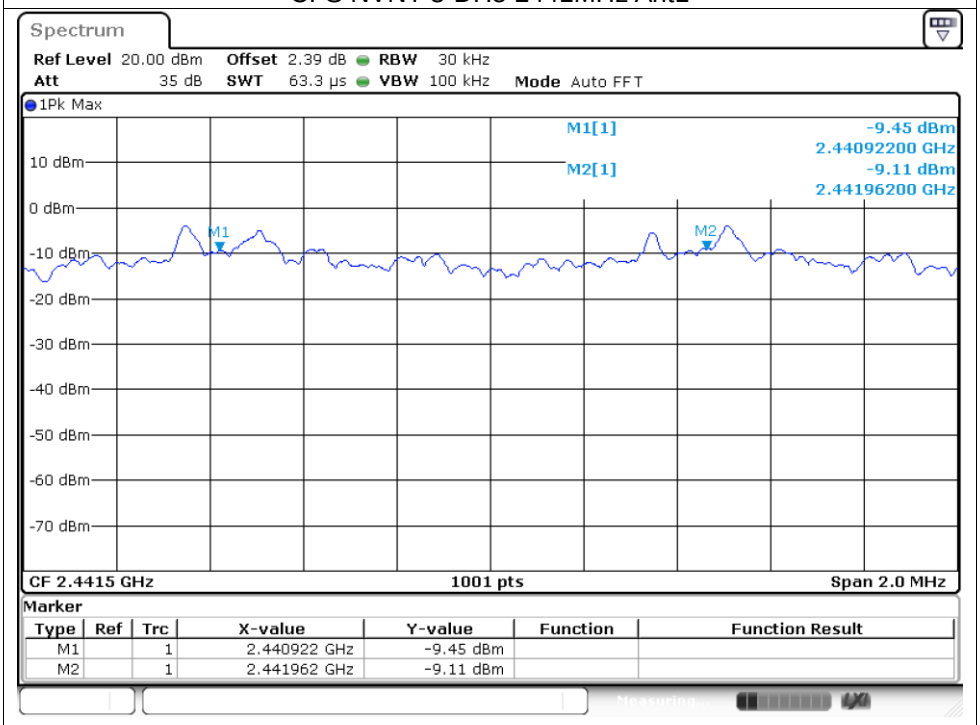
CFS NVNT 2-DH5 2480MHz Ant1



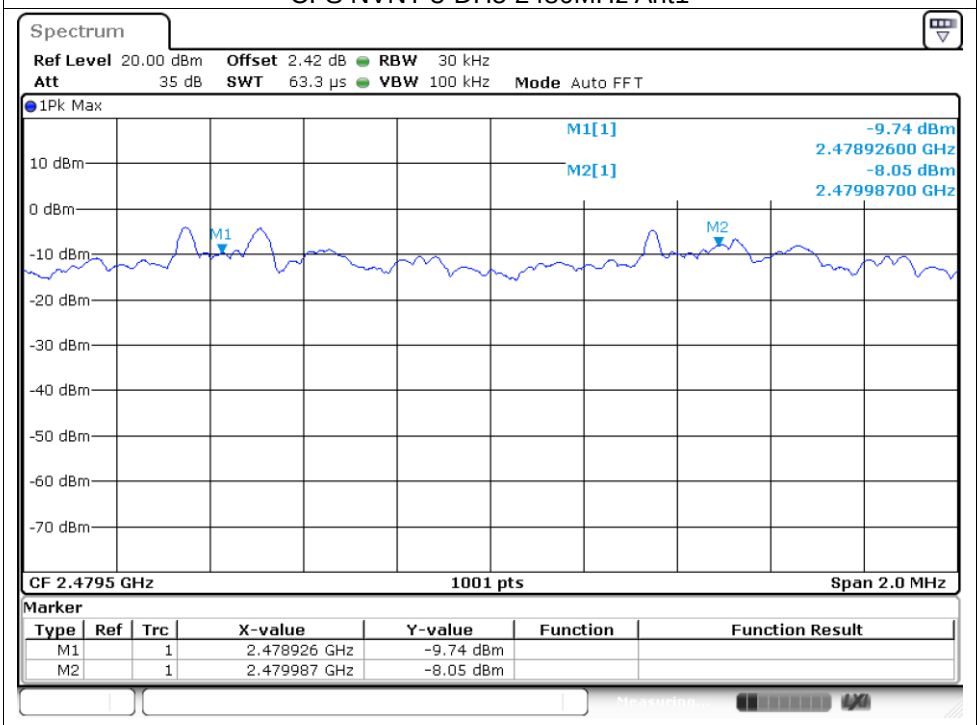
CFS NVNT 3-DH5 2402MHz Ant1



CFS NVNT 3-DH5 2441MHz Ant1



CFS NVNT 3-DH5 2480MHz Ant1

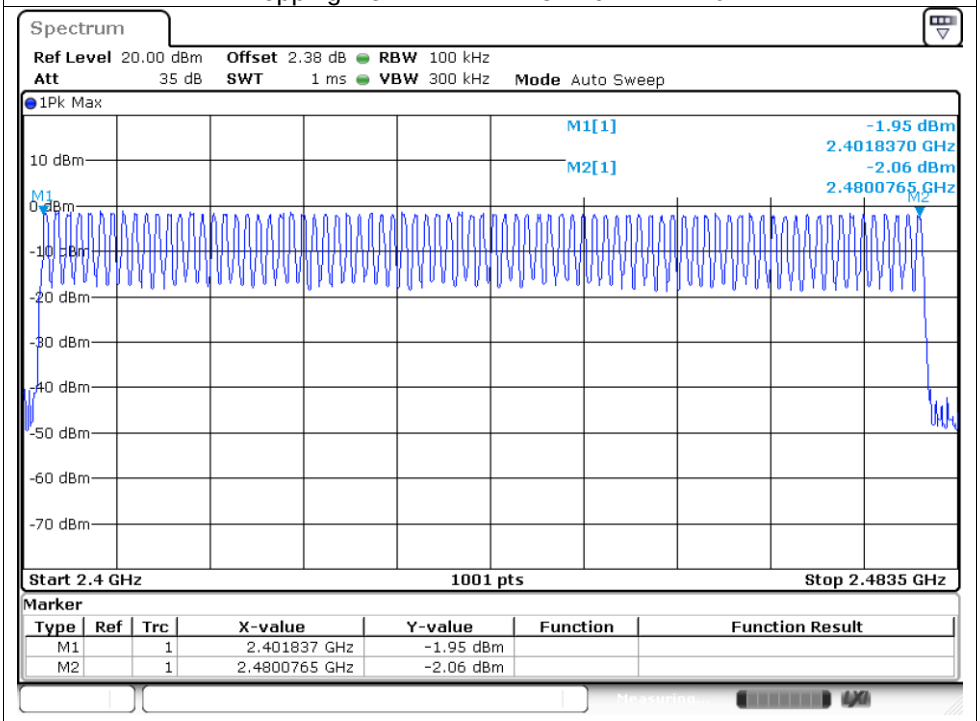


8.6 NUMBER OF HOPPING CHANNEL

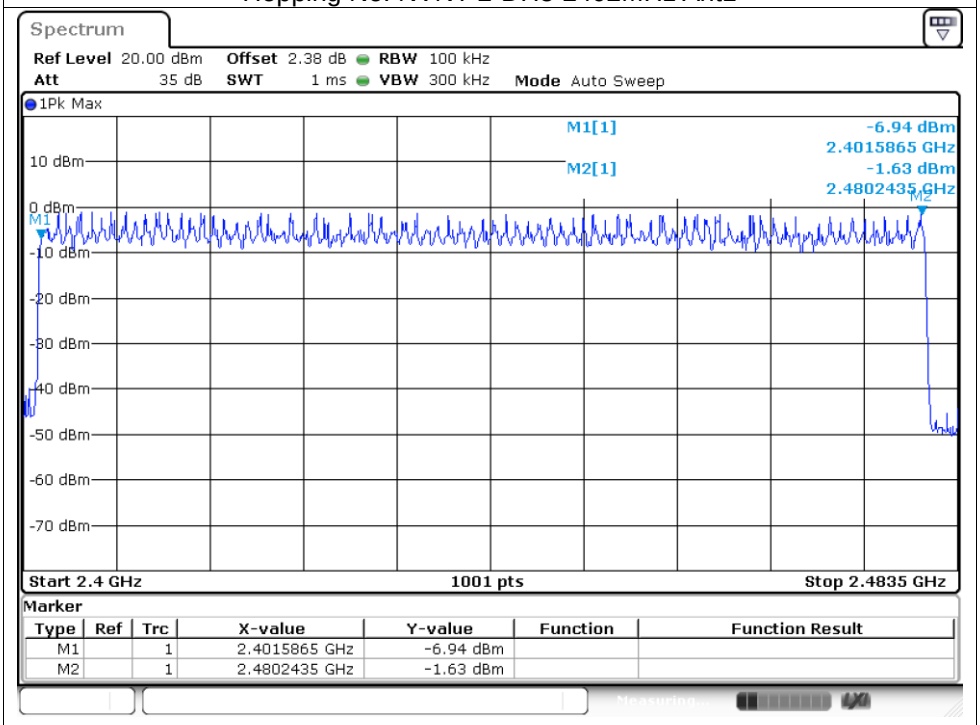
Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH5	Ant1	79	15	Pass
NVNT	2-DH5	Ant1	79	15	Pass
NVNT	3-DH5	Ant1	79	15	Pass

Test Graphs

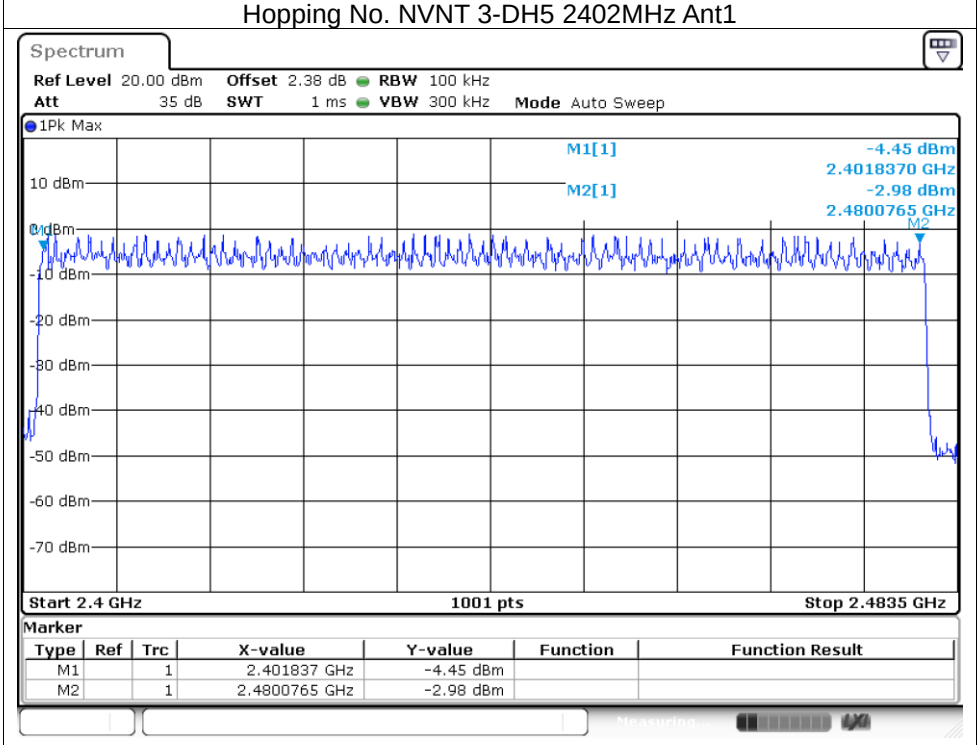
Hopping No. NVNT 1-DH5 2402MHz Ant1



Hopping No. NVNT 2-DH5 2402MHz Ant1



Hopping No. NVNT 3-DH5 2402MHz Ant1

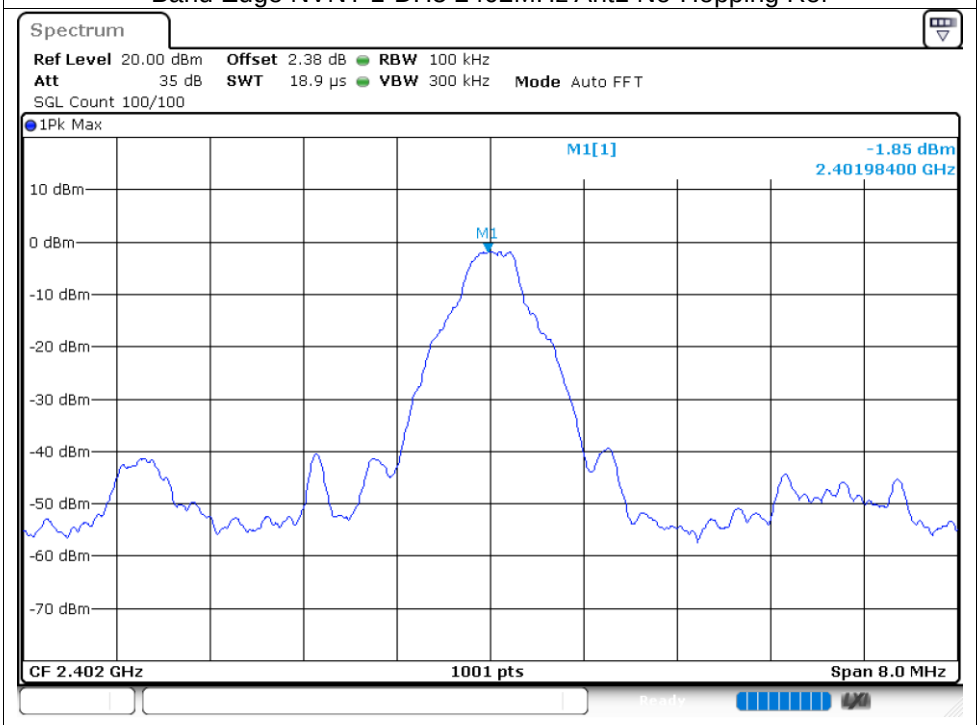


8.7 BAND EDGE

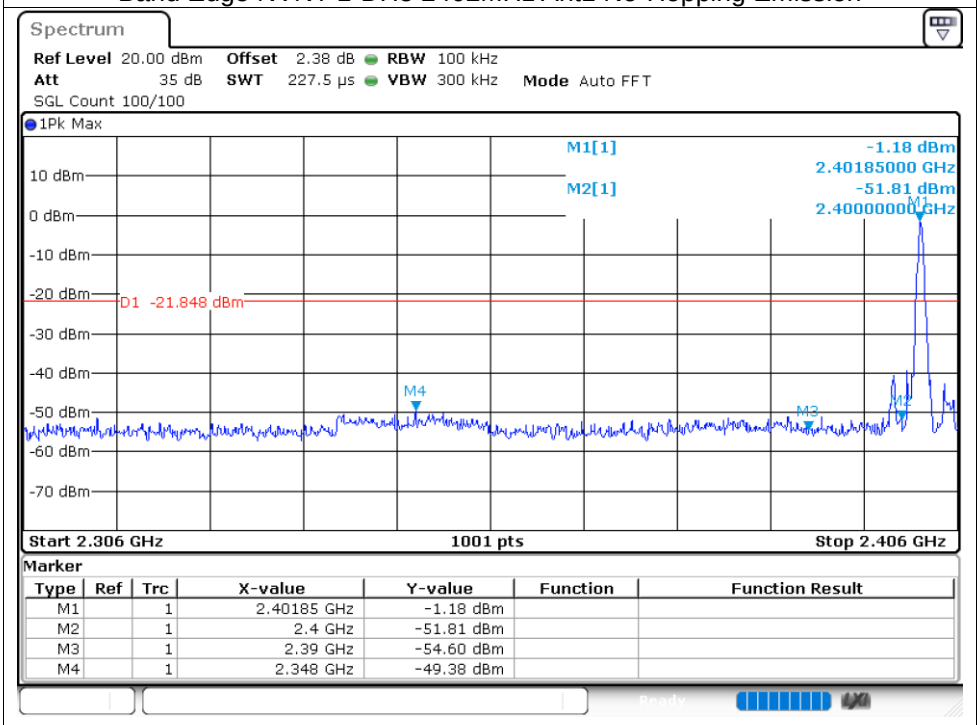
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	No-Hopping	-47.53	-20	Pass
NVNT	1-DH5	2480	Ant1	No-Hopping	-42.62	-20	Pass
NVNT	2-DH5	2402	Ant1	No-Hopping	-47	-20	Pass
NVNT	2-DH5	2480	Ant1	No-Hopping	-41.74	-20	Pass
NVNT	3-DH5	2402	Ant1	No-Hopping	-47.39	-20	Pass
NVNT	3-DH5	2480	Ant1	No-Hopping	-43.95	-20	Pass

Test Graphs

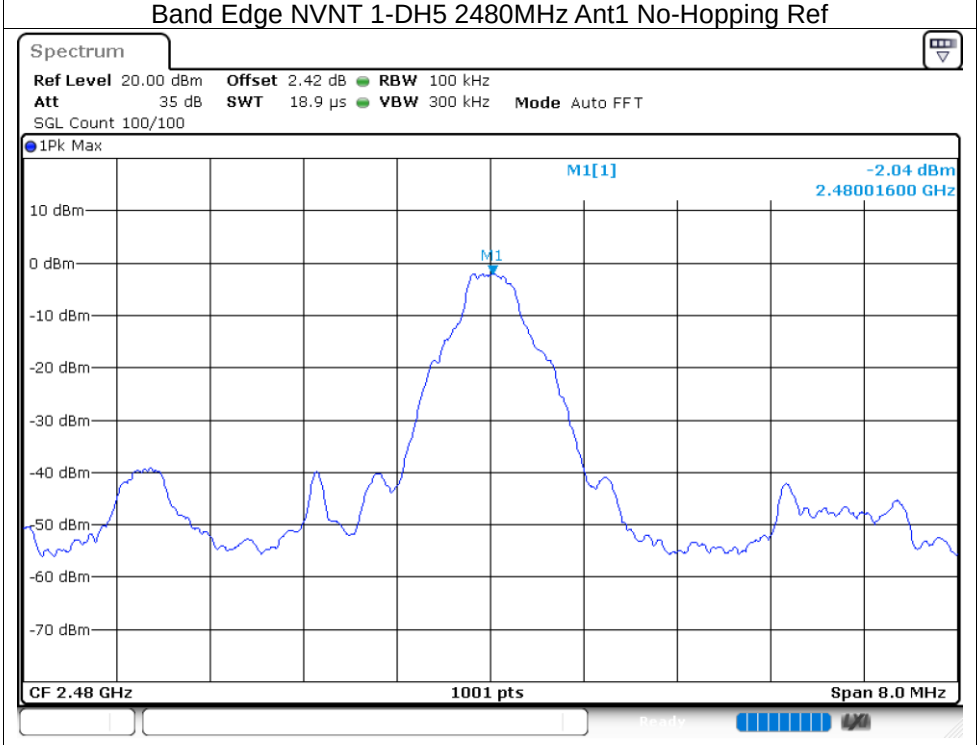
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Ref



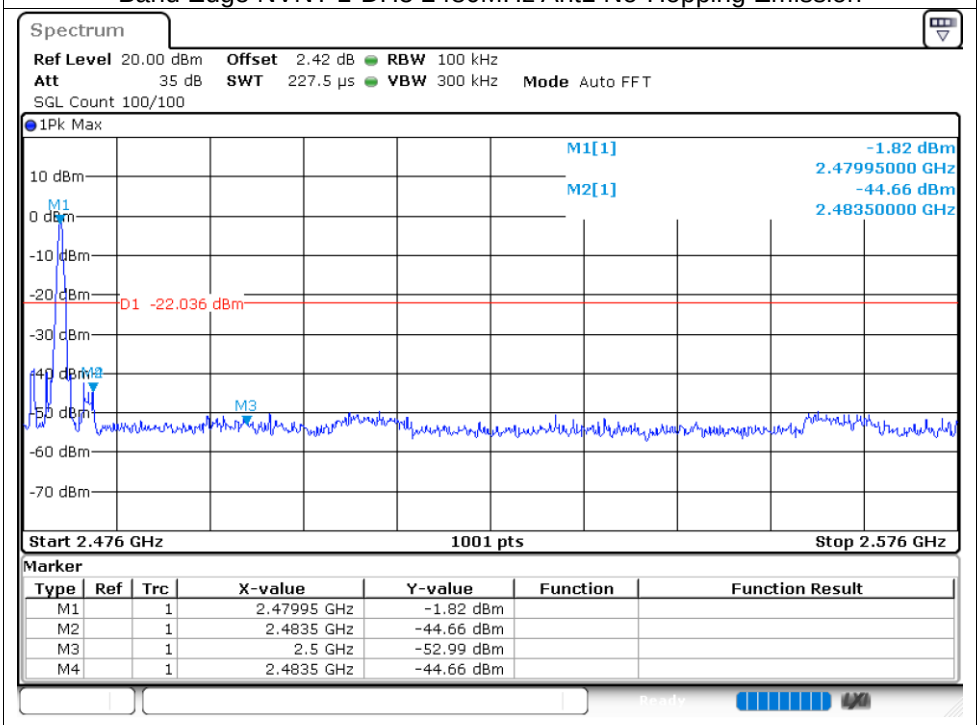
Band Edge NVNT 1-DH5 2402MHz Ant1 No-Hopping Emission



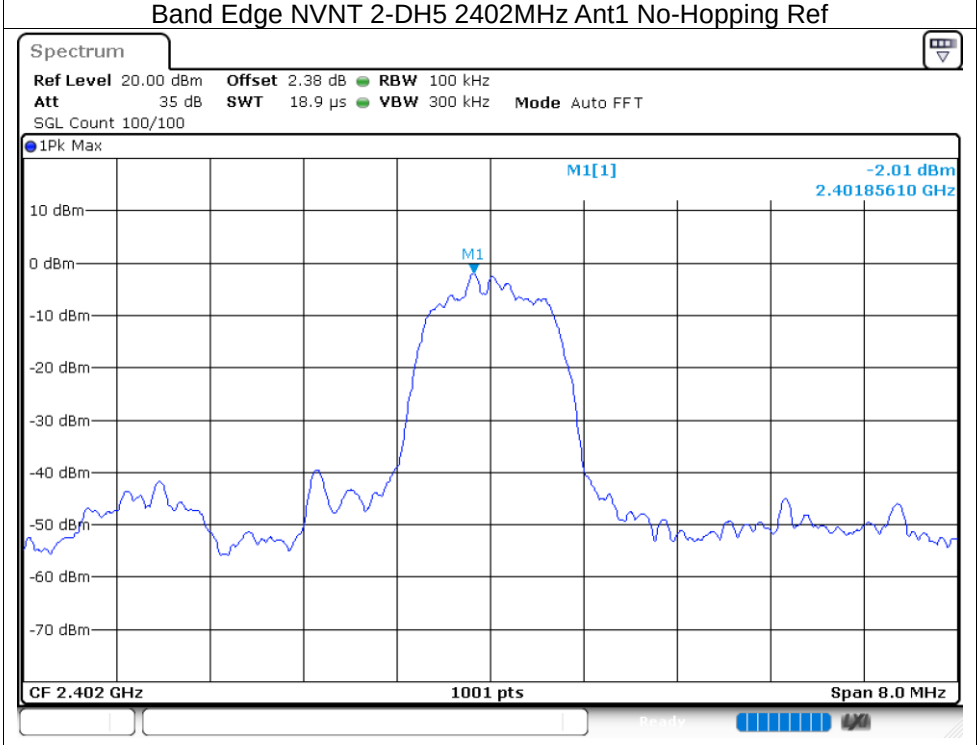
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Ref



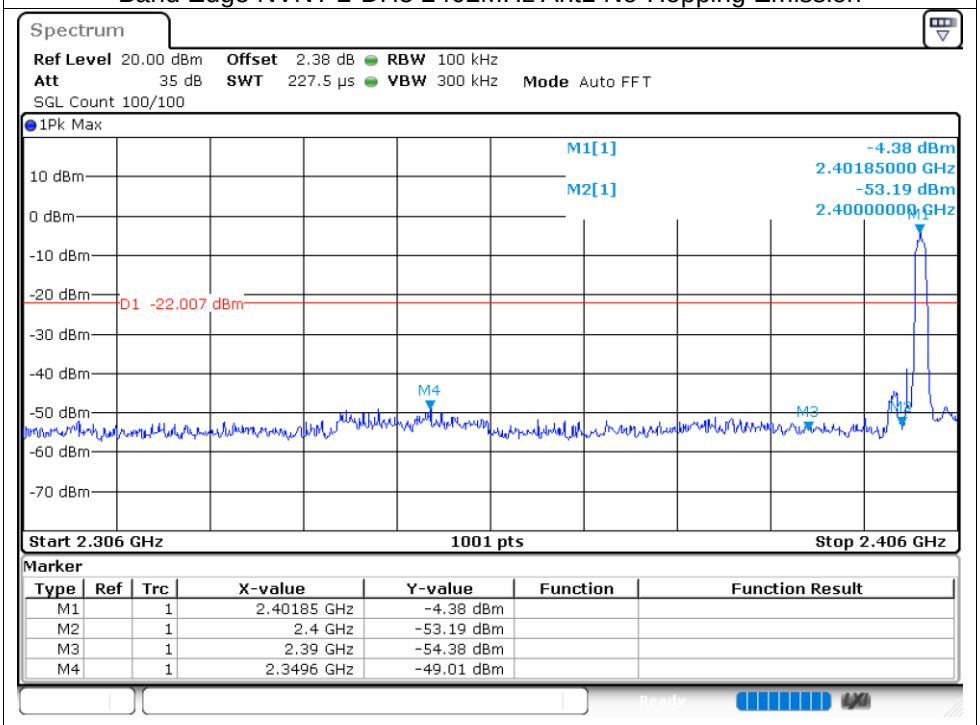
Band Edge NVNT 1-DH5 2480MHz Ant1 No-Hopping Emission



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



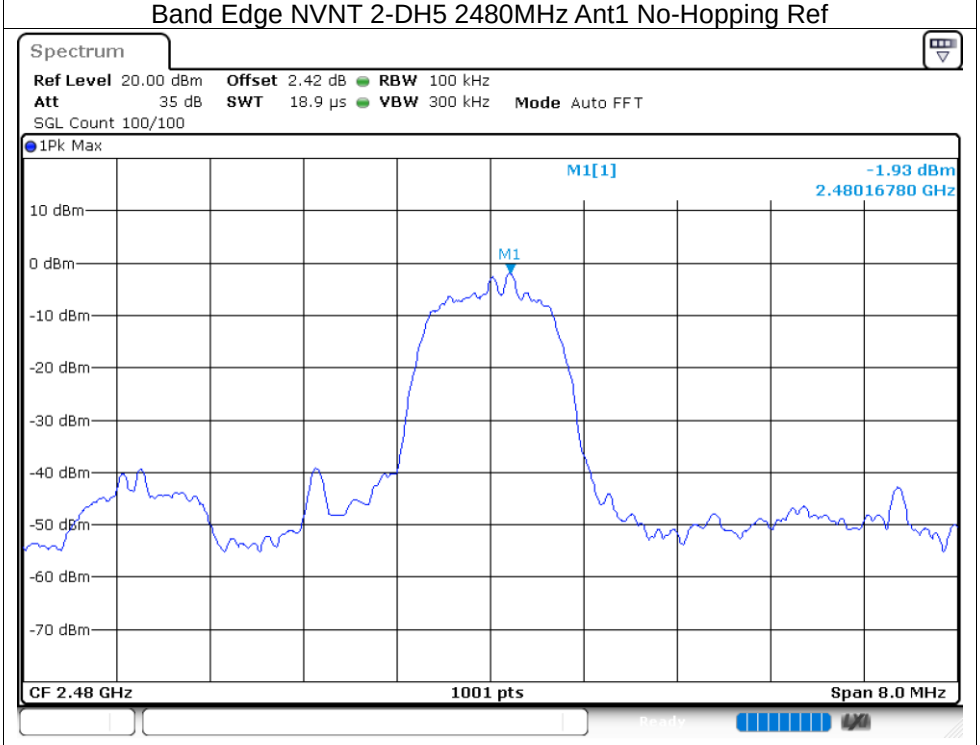
Band Edge NVNT 2-DH5 2402MHz Ant1 No-Hopping Emission



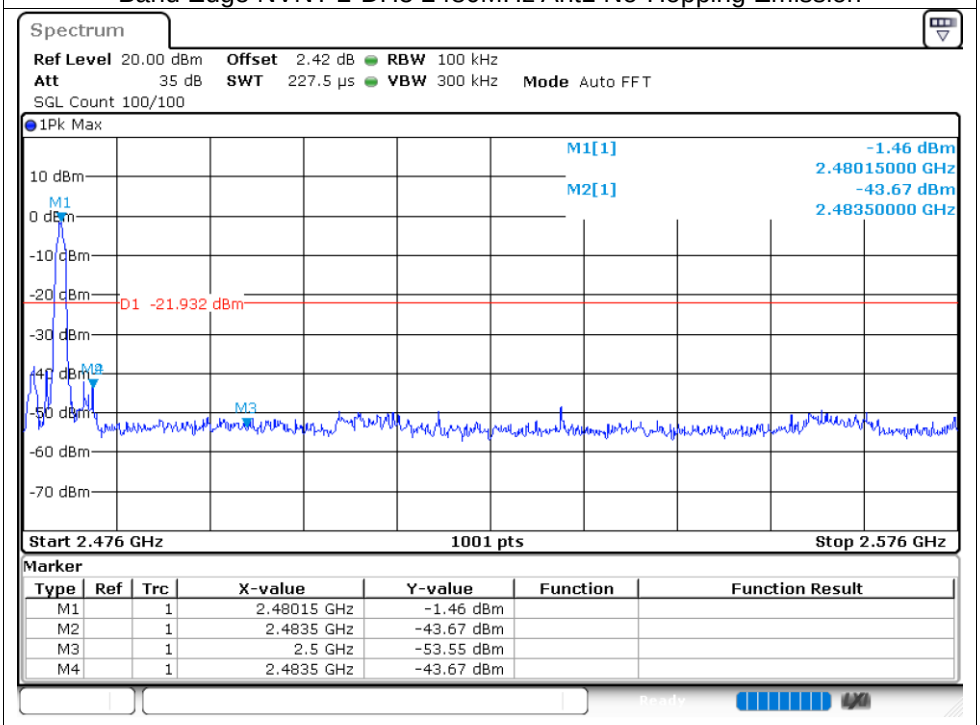
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40185 GHz	-4.38 dBm		
M2		1	2.4 GHz	-53.19 dBm		
M3		1	2.39 GHz	-54.38 dBm		
M4		1	2.3496 GHz	-49.01 dBm		

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



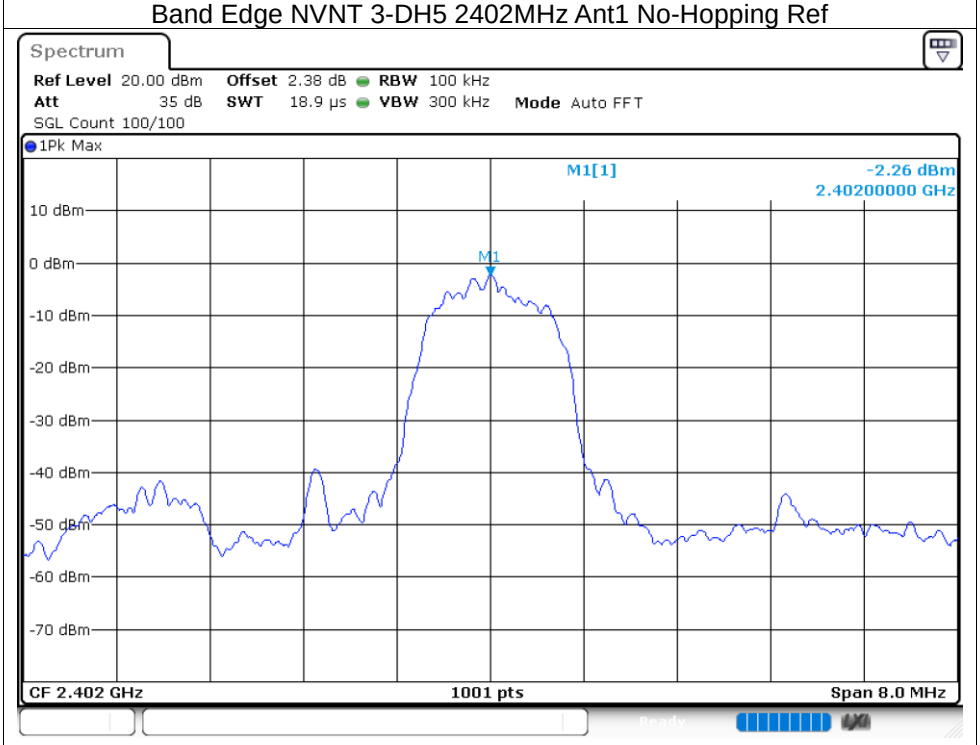
Band Edge NVNT 2-DH5 2480MHz Ant1 No-Hopping Emission



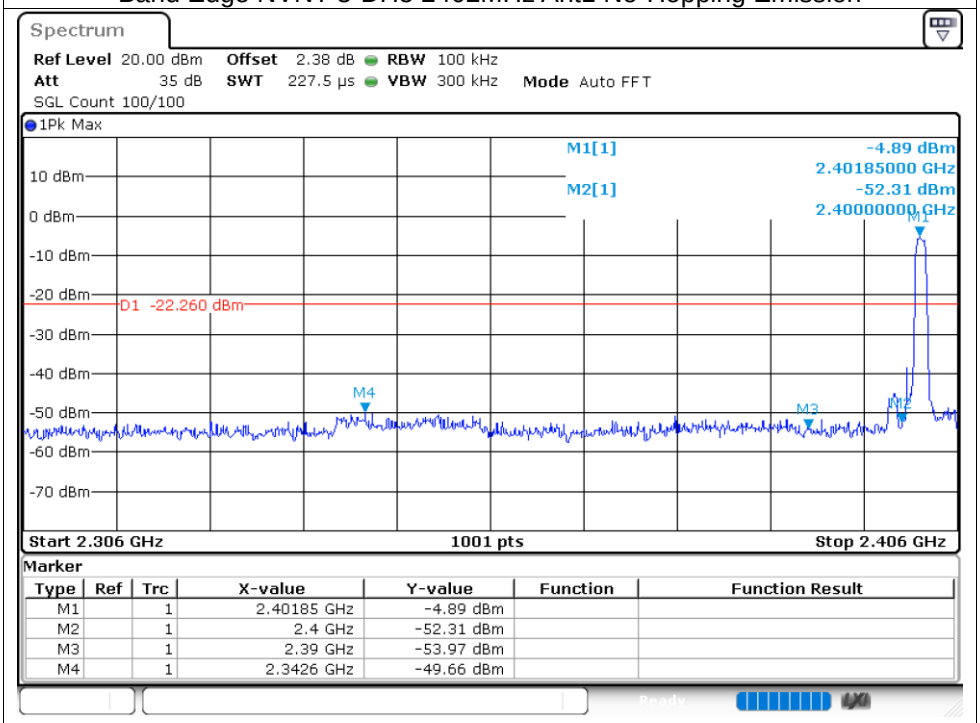
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.48015 GHz	-1.46 dBm		
M2		1	2.4835 GHz	-43.67 dBm		
M3		1	2.5 GHz	-53.55 dBm		
M4		1	2.4835 GHz	-43.67 dBm		

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

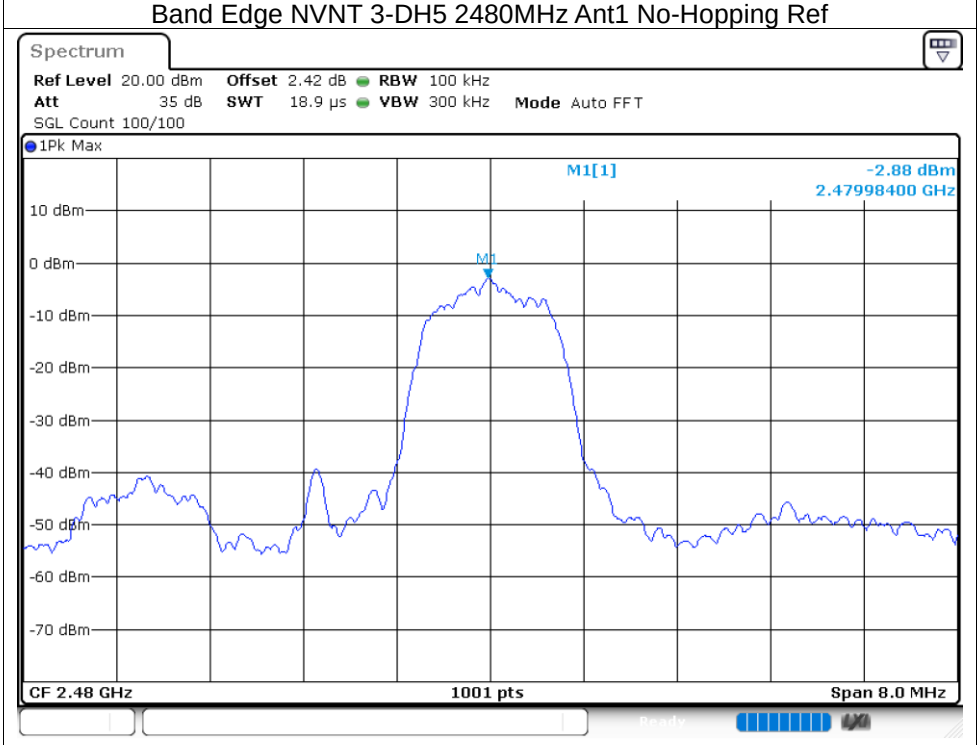


Band Edge NVNT 3-DH5 2402MHz Ant1 No-Hopping Emission

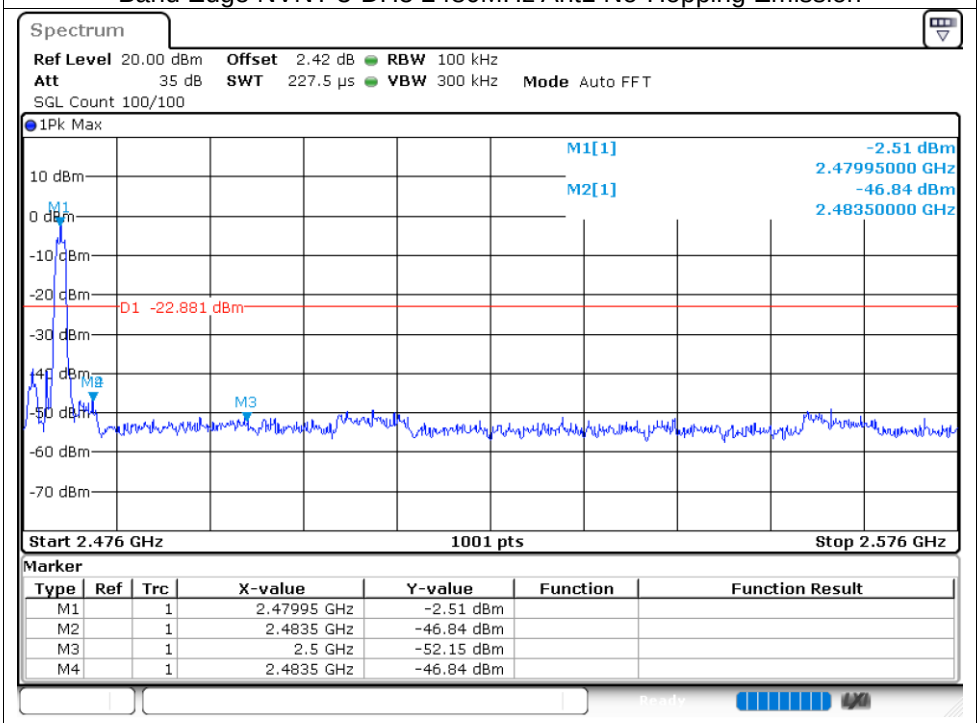


Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40185 GHz	-4.89 dBm		
M2		1	2.4 GHz	-52.31 dBm		
M3		1	2.39 GHz	-53.97 dBm		
M4		1	2.3426 GHz	-49.66 dBm		

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



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



Marker

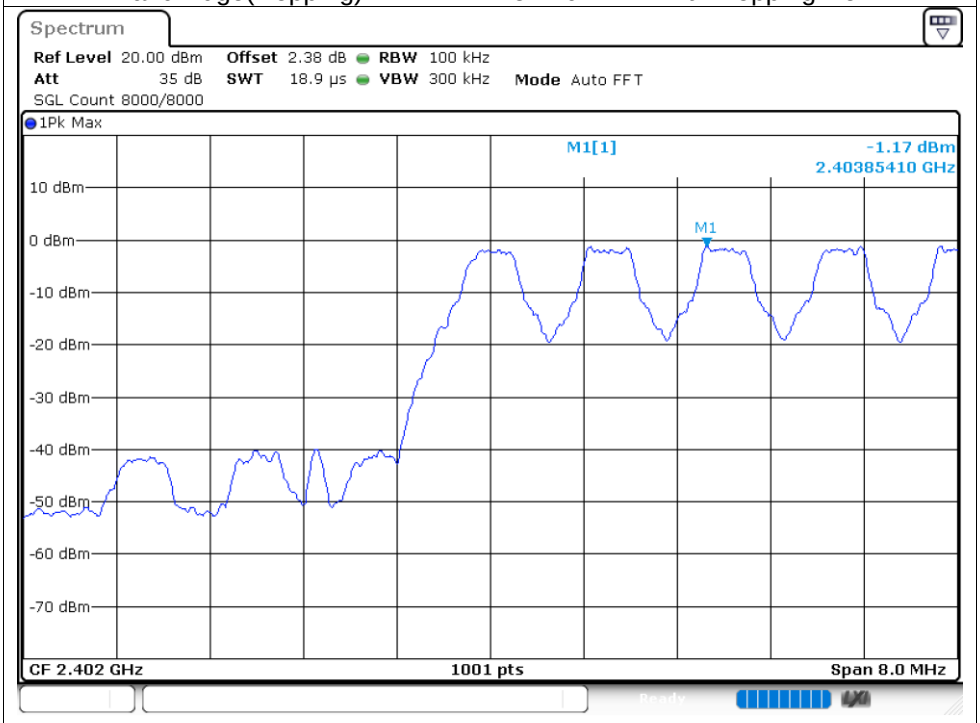
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47995 GHz	-2.51 dBm		
M2		1	2.4835 GHz	-46.84 dBm		
M3		1	2.5 GHz	-52.15 dBm		
M4		1	2.4835 GHz	-46.84 dBm		

8.8 BAND EDGE(HOPPING)

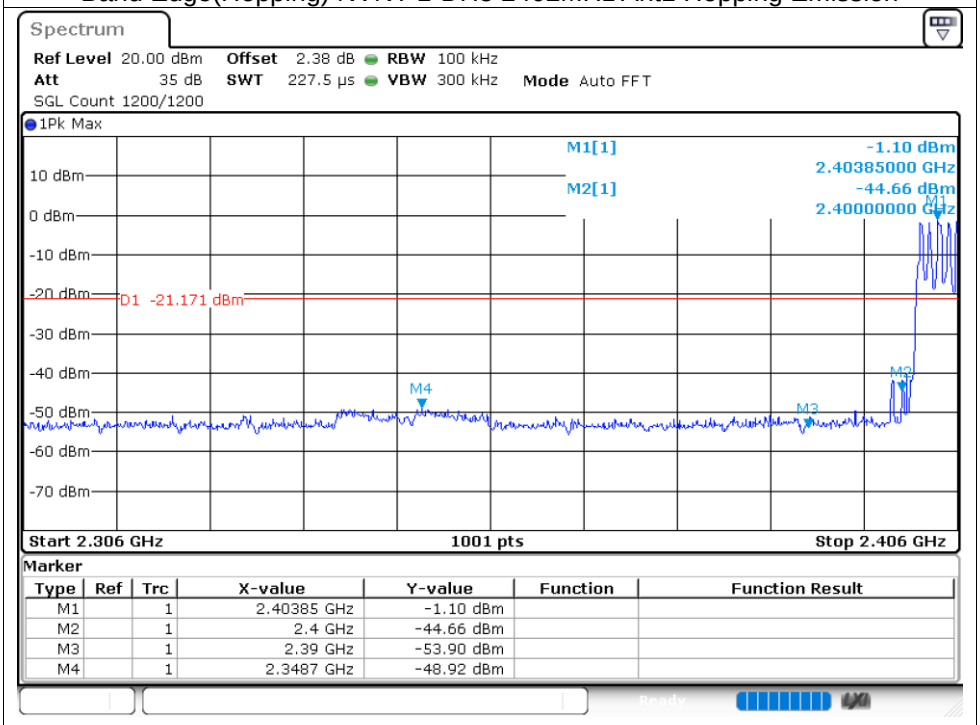
Condition	Mode	Frequency (MHz)	Antenna	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	Hopping	-47.74	-20	Pass
NVNT	1-DH5	2480	Ant1	Hopping	-45.25	-20	Pass
NVNT	2-DH5	2402	Ant1	Hopping	-46.89	-20	Pass
NVNT	2-DH5	2480	Ant1	Hopping	-48.59	-20	Pass
NVNT	3-DH5	2402	Ant1	Hopping	-47.25	-20	Pass
NVNT	3-DH5	2480	Ant1	Hopping	-47.24	-20	Pass

Test Graphs

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



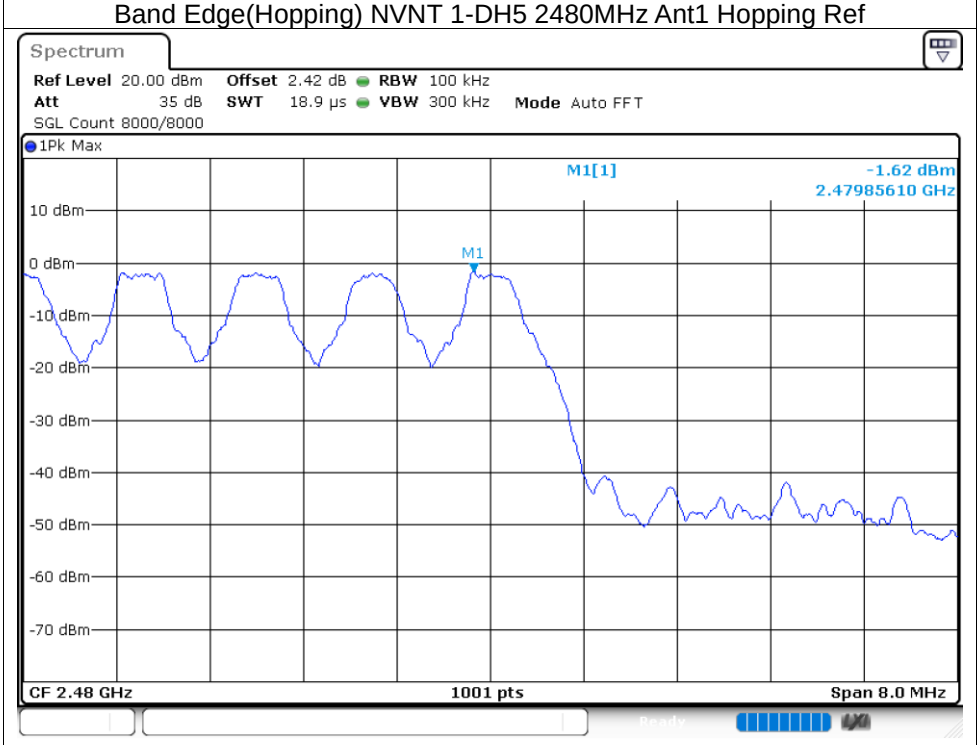
Band Edge(Hopping) NVNT 1-DH5 2402MHz Ant1 Hopping Emission



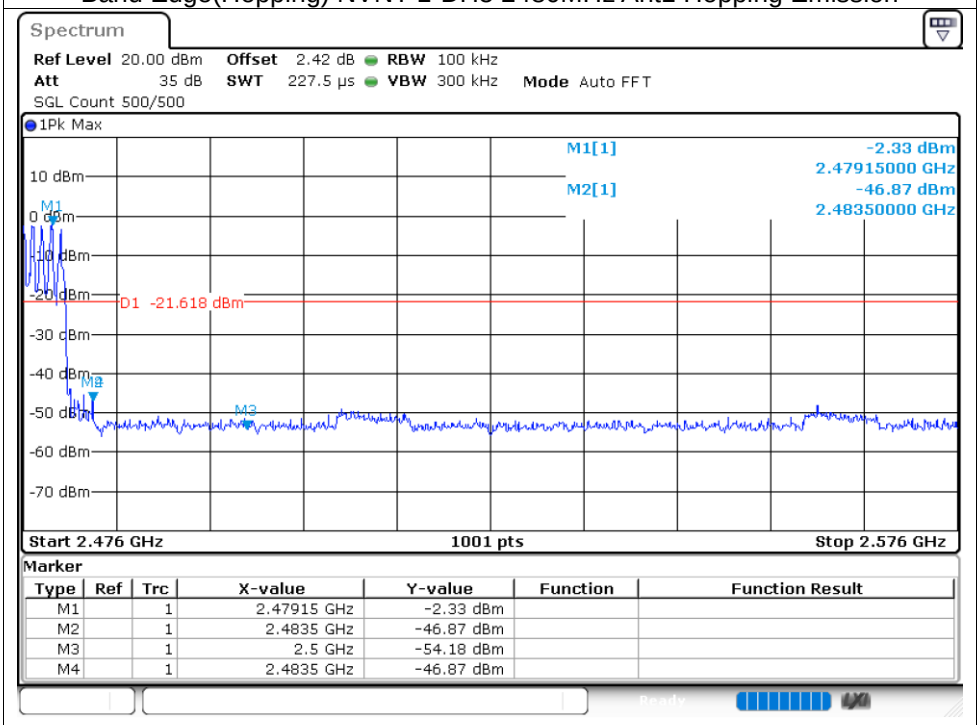
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40385 GHz	-1.10 dBm		
M2		1	2.4 GHz	-44.66 dBm		
M3		1	2.39 GHz	-53.90 dBm		
M4		1	2.3487 GHz	-48.92 dBm		

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



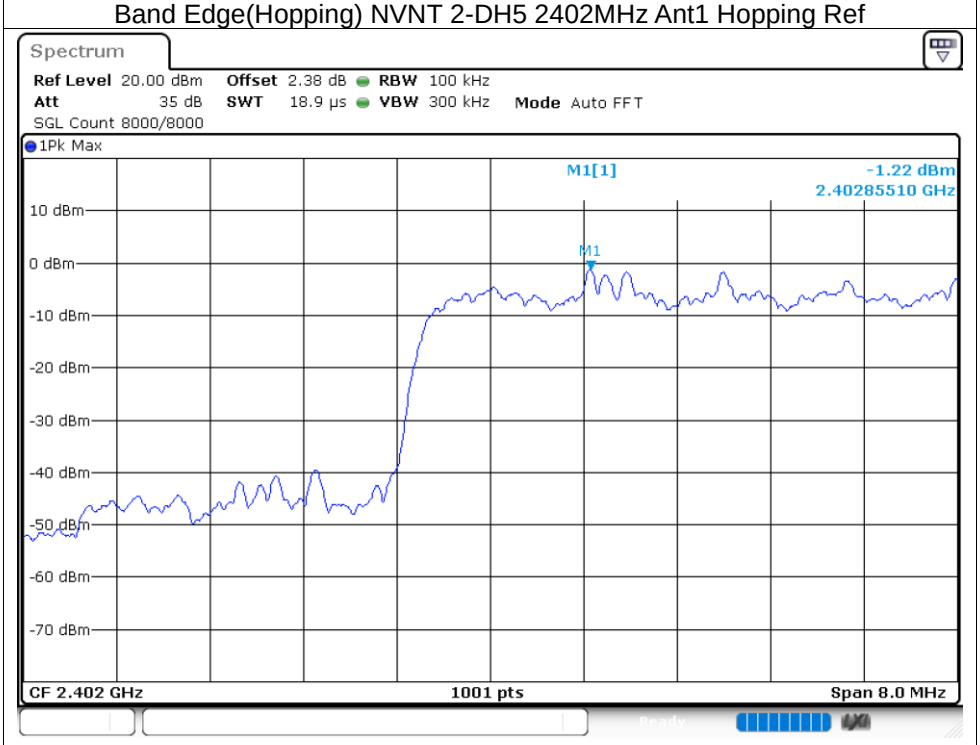
Band Edge(Hopping) NVNT 1-DH5 2480MHz Ant1 Hopping Emission



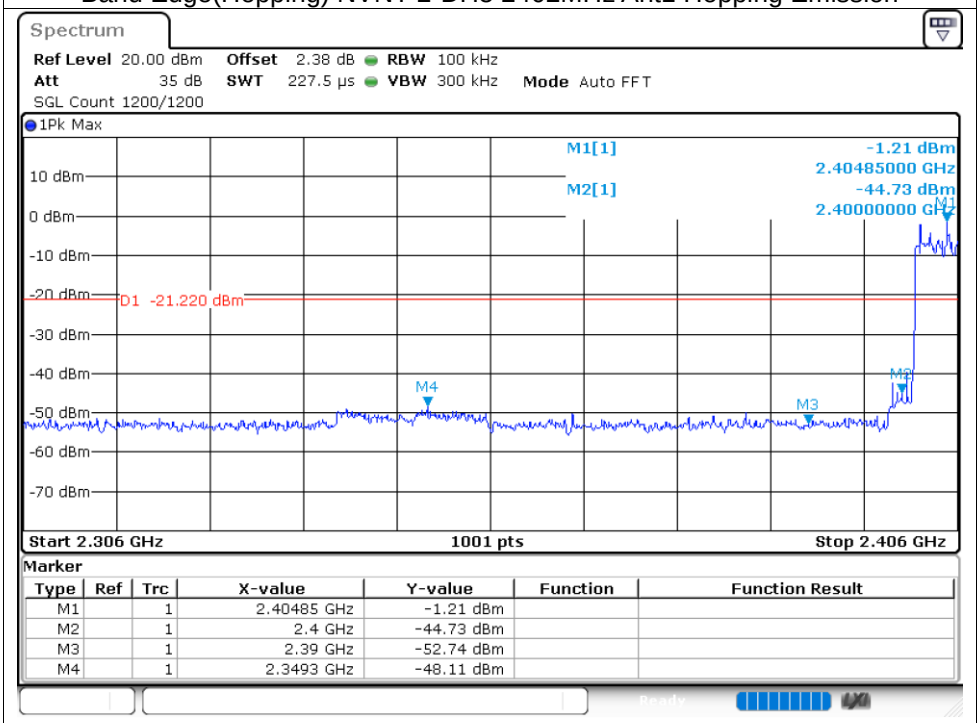
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47915 GHz	-2.33 dBm		
M2		1	2.4835 GHz	-46.87 dBm		
M3		1	2.5 GHz	-54.18 dBm		
M4		1	2.4835 GHz	-46.87 dBm		

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



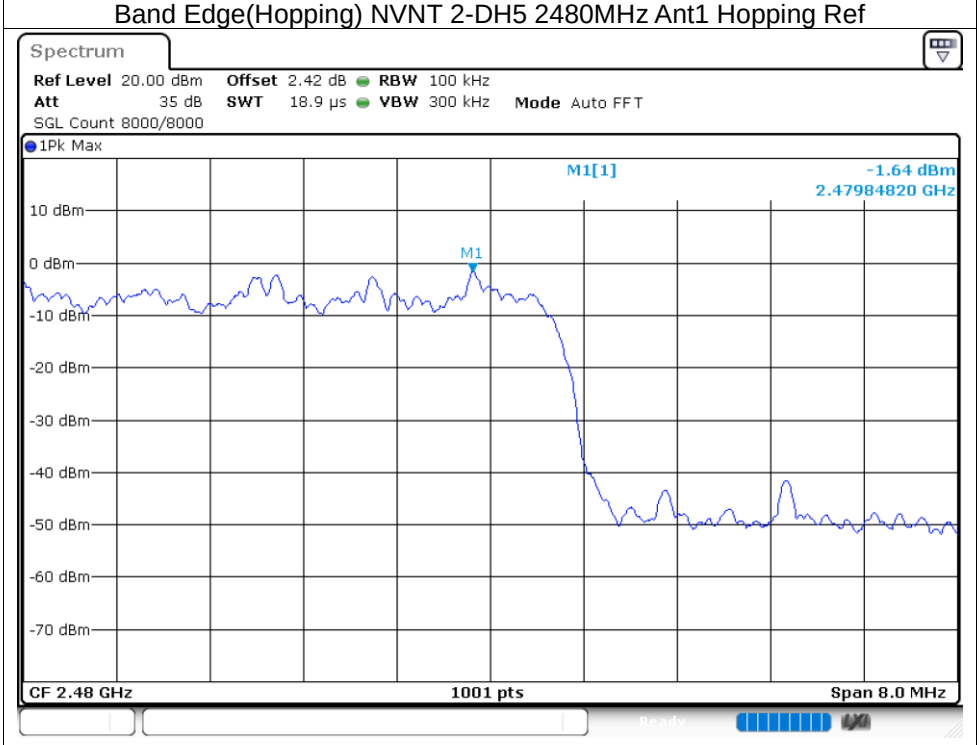
Band Edge(Hopping) NVNT 2-DH5 2402MHz Ant1 Hopping Emission



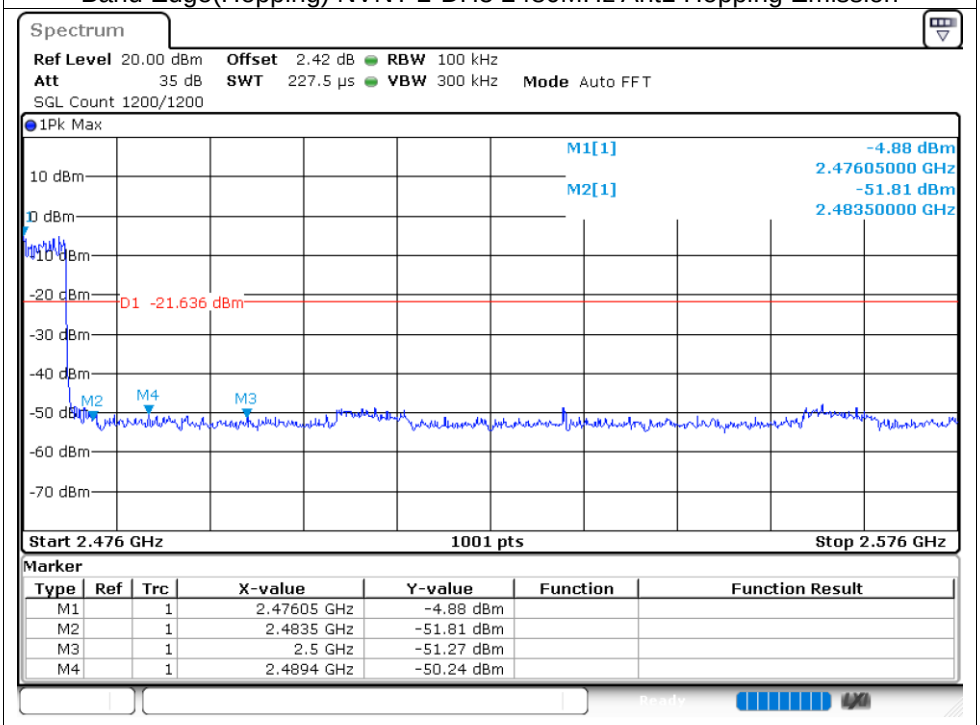
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40485 GHz	-1.21 dBm		
M2		1	2.4 GHz	-44.73 dBm		
M3		1	2.39 GHz	-52.74 dBm		
M4		1	2.3493 GHz	-48.11 dBm		

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



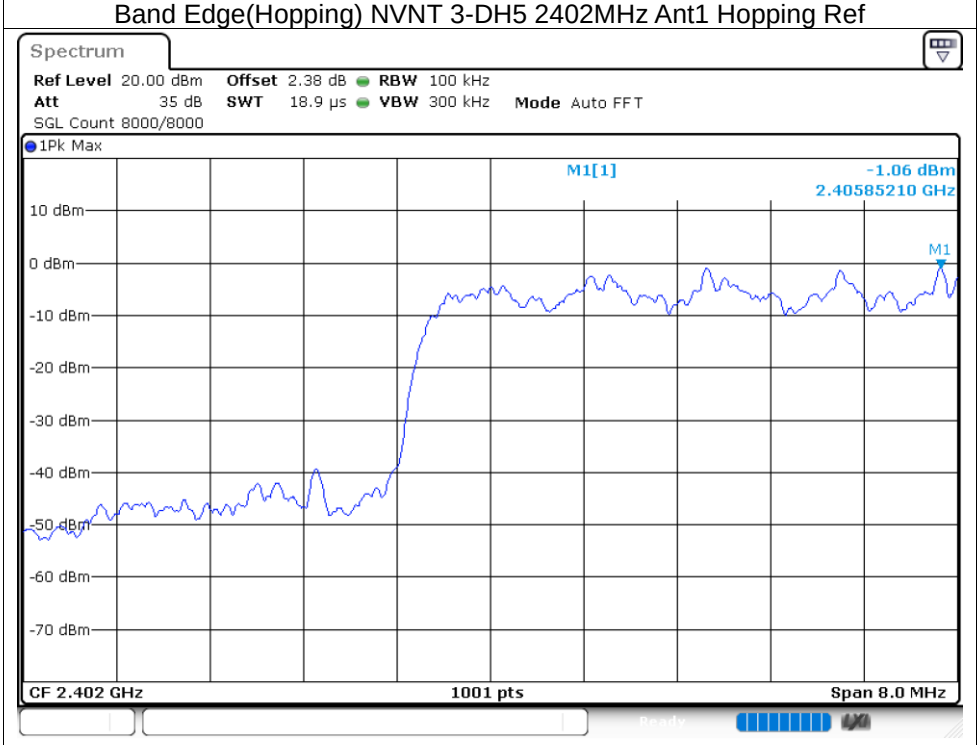
Band Edge(Hopping) NVNT 2-DH5 2480MHz Ant1 Hopping Emission



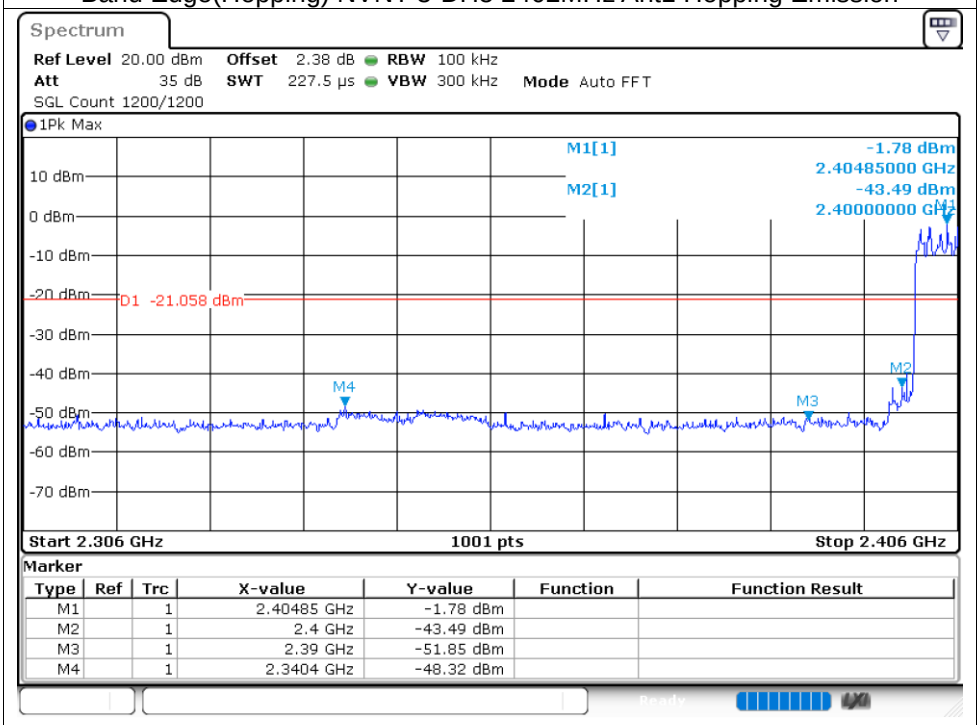
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47605 GHz	-4.88 dBm		
M2		1	2.4835 GHz	-51.81 dBm		
M3		1	2.5 GHz	-51.27 dBm		
M4		1	2.4894 GHz	-50.24 dBm		

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



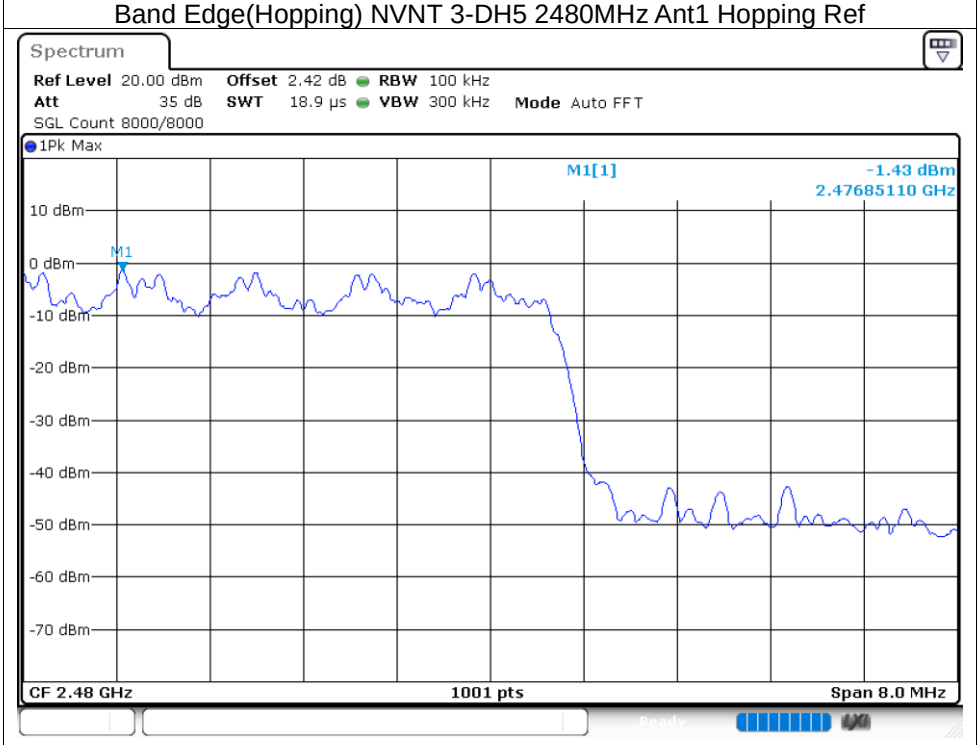
Band Edge(Hopping) NVNT 3-DH5 2402MHz Ant1 Hopping Emission



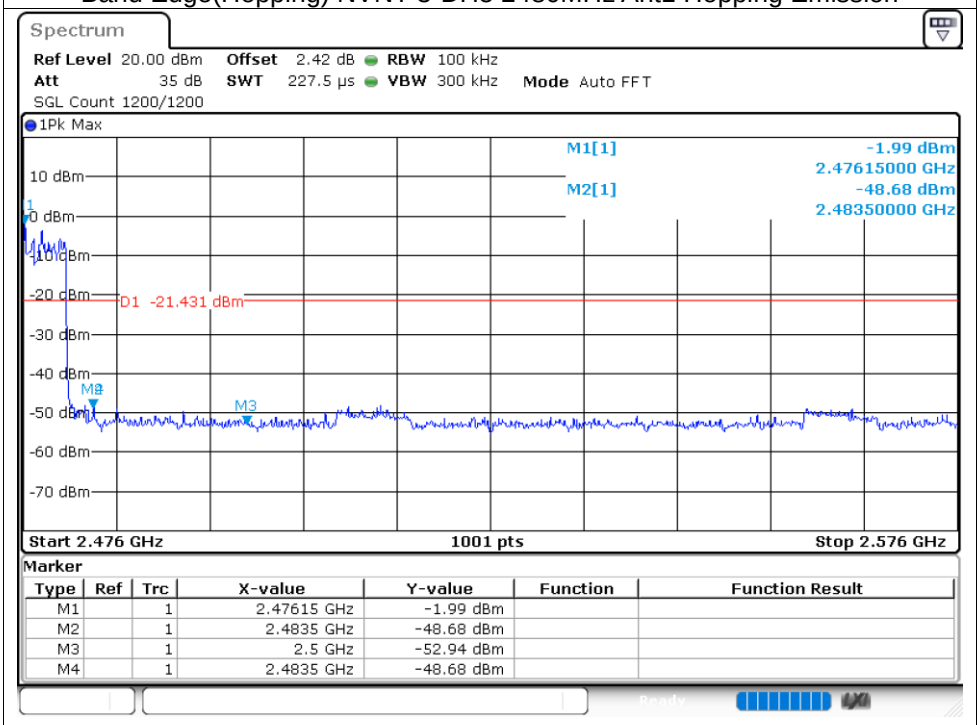
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40485 GHz	-1.78 dBm		
M2		1	2.4 GHz	-43.49 dBm		
M3		1	2.39 GHz	-51.85 dBm		
M4		1	2.3404 GHz	-48.32 dBm		

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



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



Marker

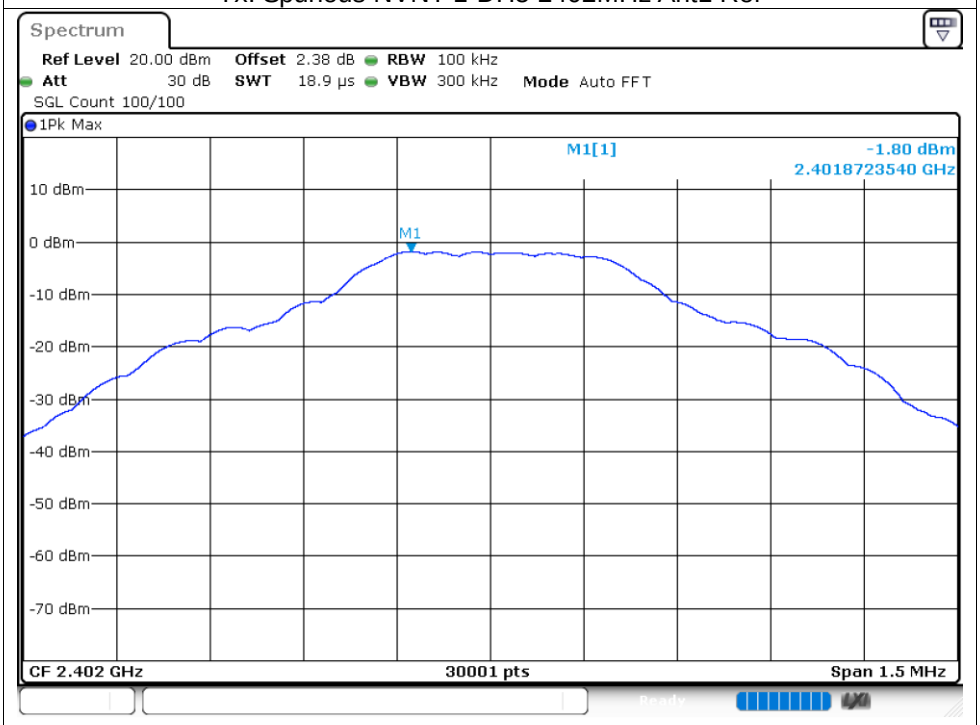
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47615 GHz	-1.99 dBm		
M2		1	2.4835 GHz	-48.68 dBm		
M3		1	2.5 GHz	-52.94 dBm		
M4		1	2.4835 GHz	-48.68 dBm		

8.9 CONDUCTED RF SPURIOUS EMISSION

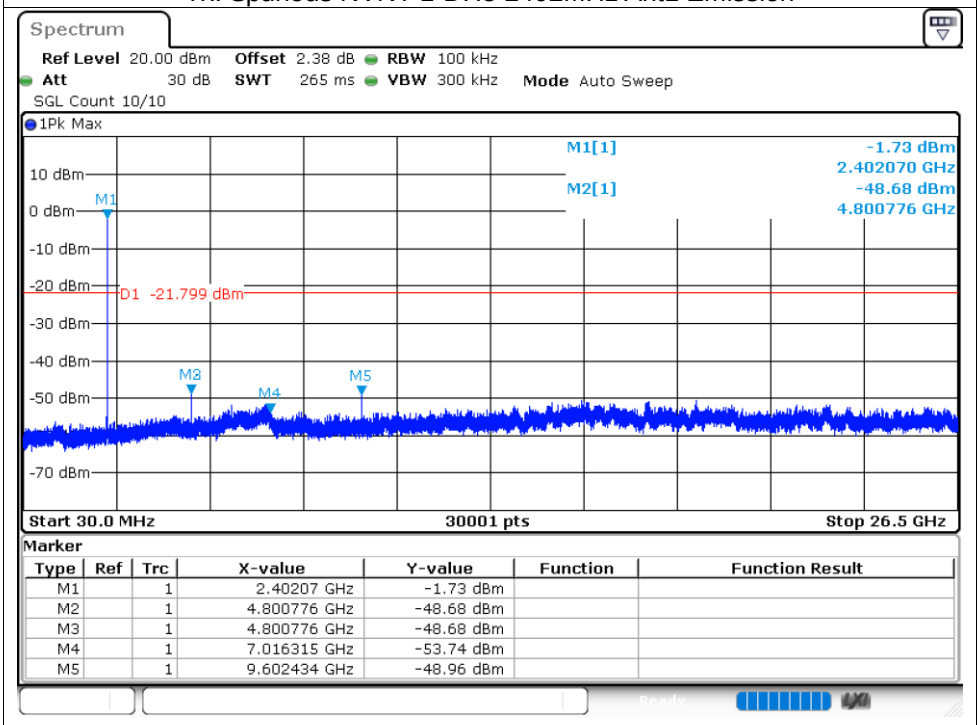
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Ant1	-46.87	-20	Pass
NVNT	1-DH5	2441	Ant1	-47.01	-20	Pass
NVNT	1-DH5	2480	Ant1	-46.79	-20	Pass
NVNT	2-DH5	2402	Ant1	-47.85	-20	Pass
NVNT	2-DH5	2441	Ant1	-43.82	-20	Pass
NVNT	2-DH5	2480	Ant1	-47.39	-20	Pass
NVNT	3-DH5	2402	Ant1	-47.68	-20	Pass
NVNT	3-DH5	2441	Ant1	-47.96	-20	Pass
NVNT	3-DH5	2480	Ant1	-46.5	-20	Pass

Test Graphs

Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Ref



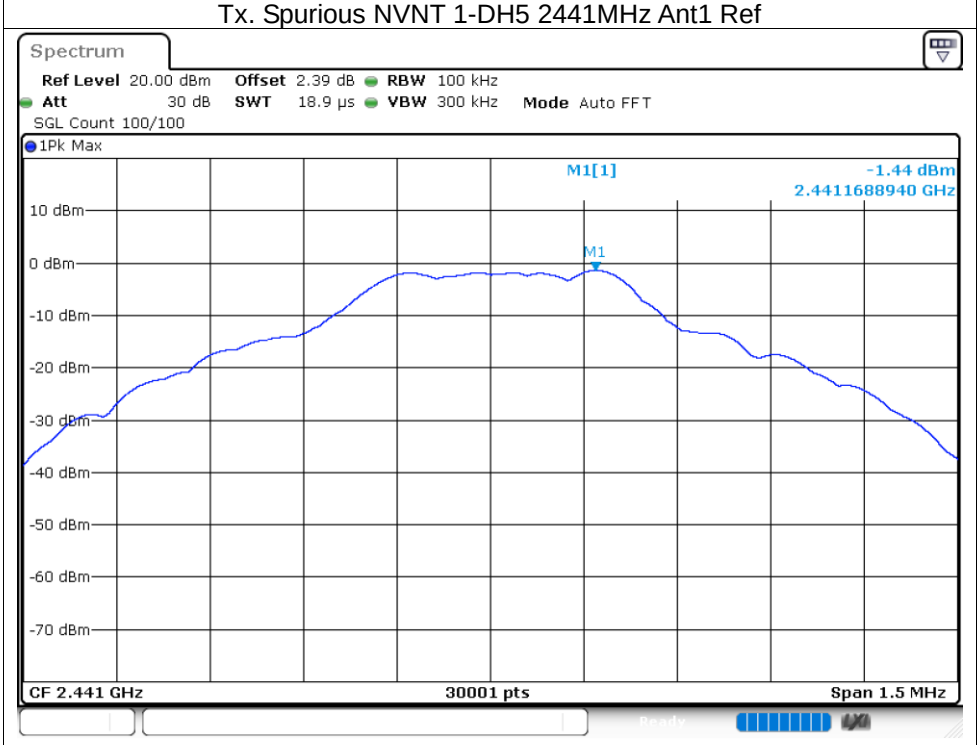
Tx. Spurious NVNT 1-DH5 2402MHz Ant1 Emission



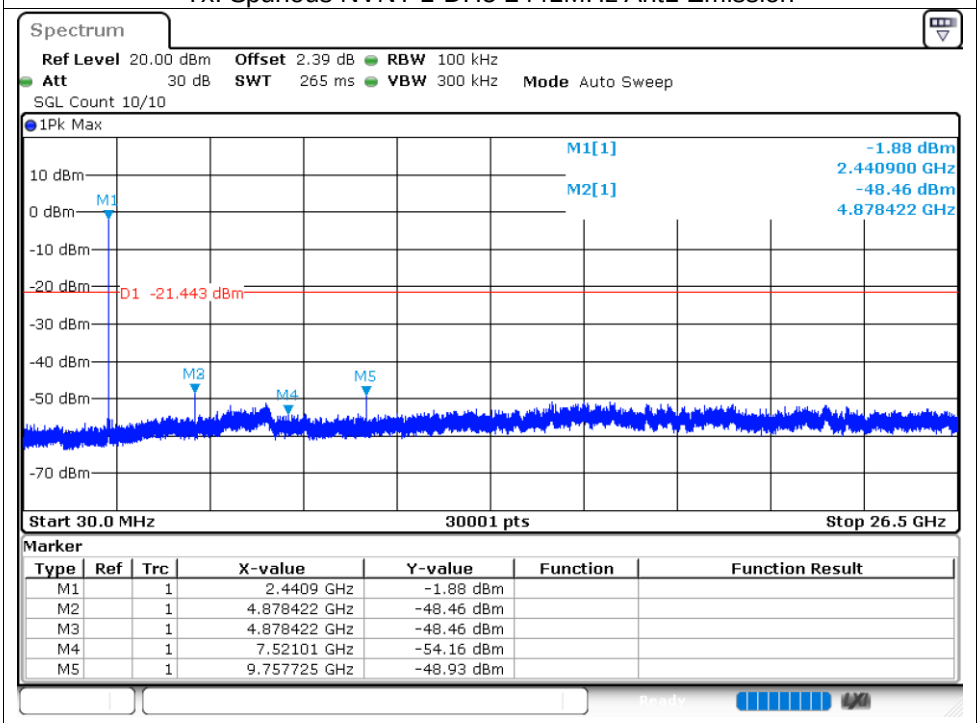
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40207 GHz	-1.73 dBm		
M2		1	4.800776 GHz	-48.68 dBm		
M3		1	4.800776 GHz	-48.68 dBm		
M4		1	7.016315 GHz	-53.74 dBm		
M5		1	9.602434 GHz	-48.96 dBm		

Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Ref



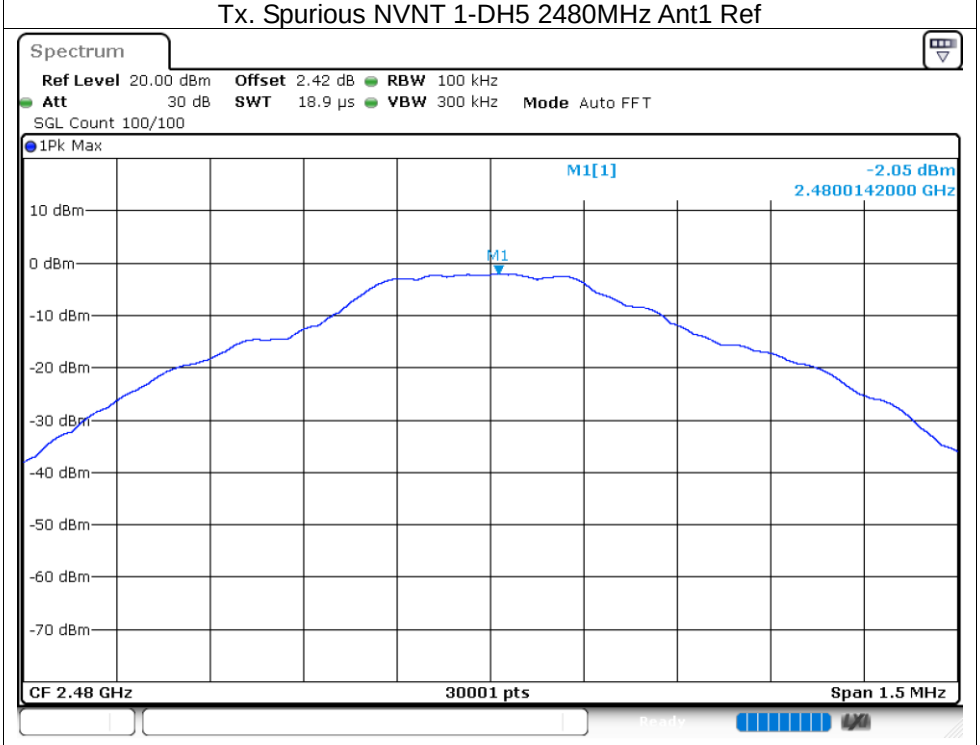
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 Emission



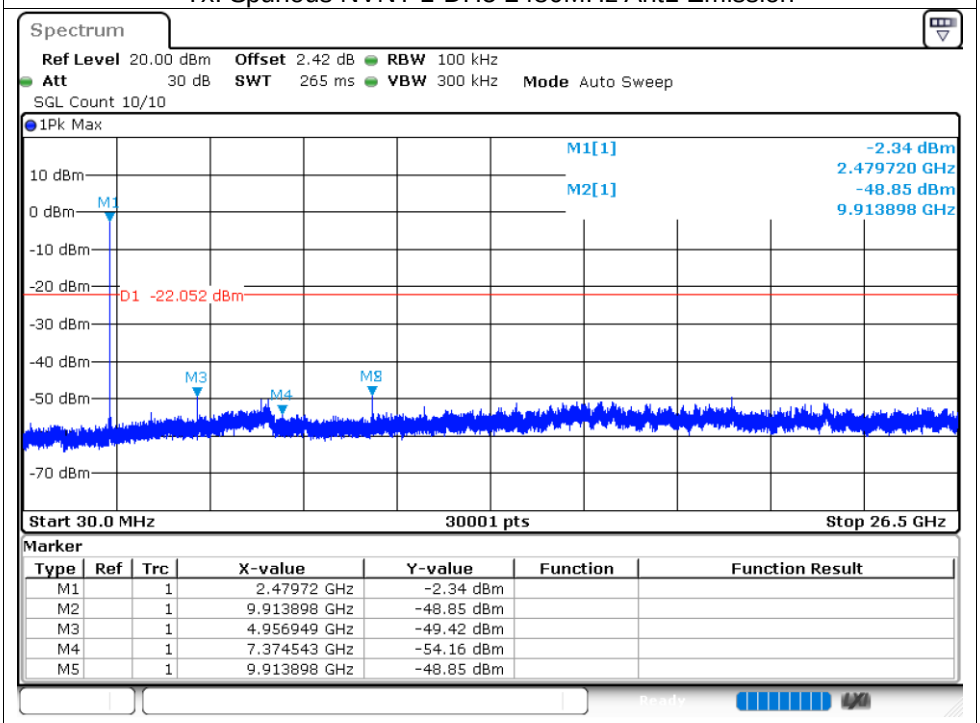
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4409 GHz	-1.88 dBm		
M2		1	4.878422 GHz	-48.46 dBm		
M3		1	4.878422 GHz	-48.46 dBm		
M4		1	7.52101 GHz	-54.16 dBm		
M5		1	9.757725 GHz	-48.93 dBm		

Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Ref



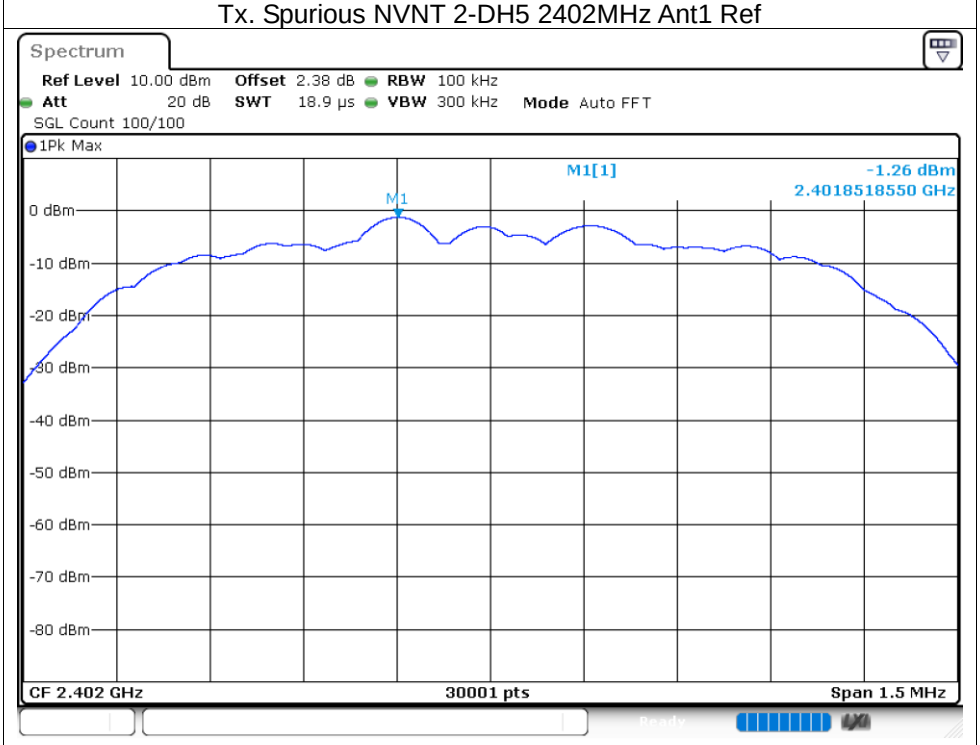
Tx. Spurious NVNT 1-DH5 2480MHz Ant1 Emission



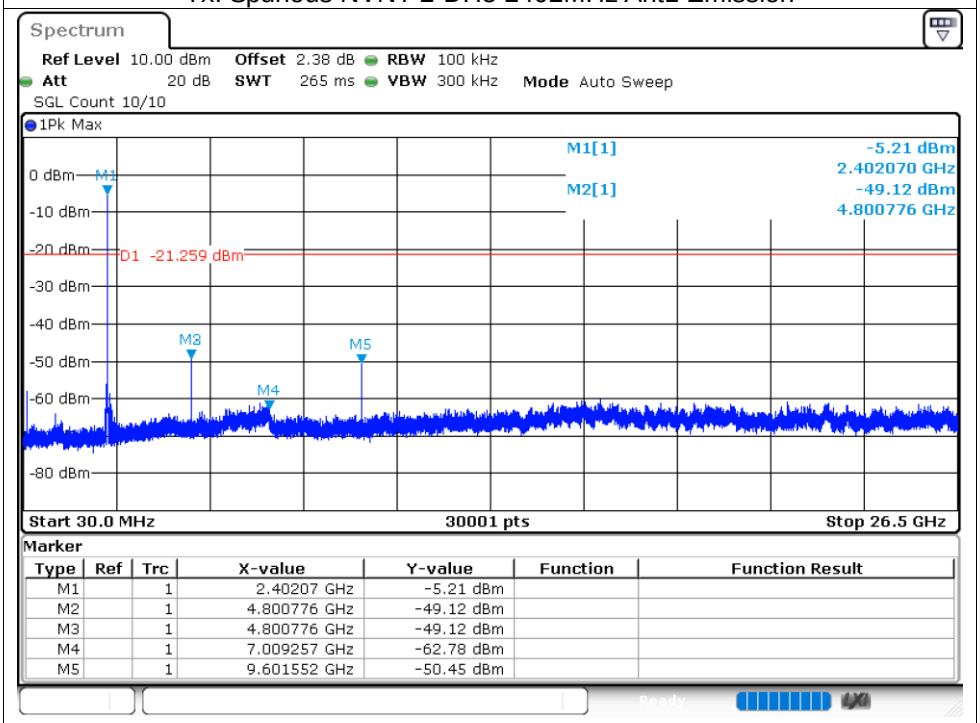
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47972 GHz	-2.34 dBm		
M2		1	9.913898 GHz	-48.85 dBm		
M3		1	4.956949 GHz	-49.42 dBm		
M4		1	7.374543 GHz	-54.16 dBm		
M5		1	9.913898 GHz	-48.85 dBm		

Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Ref



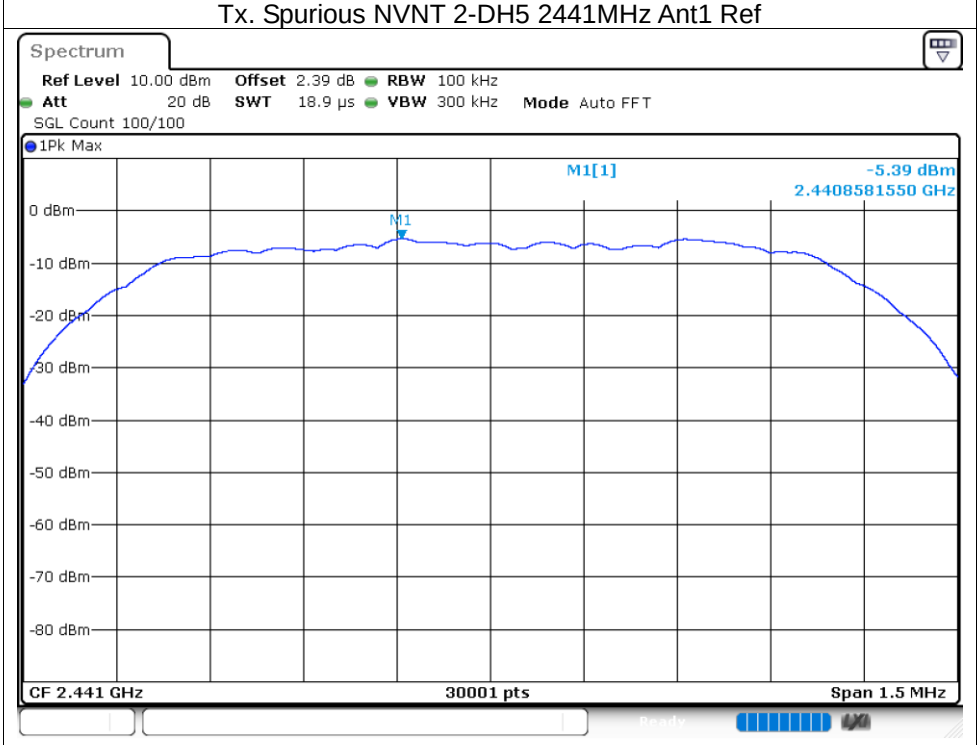
Tx. Spurious NVNT 2-DH5 2402MHz Ant1 Emission



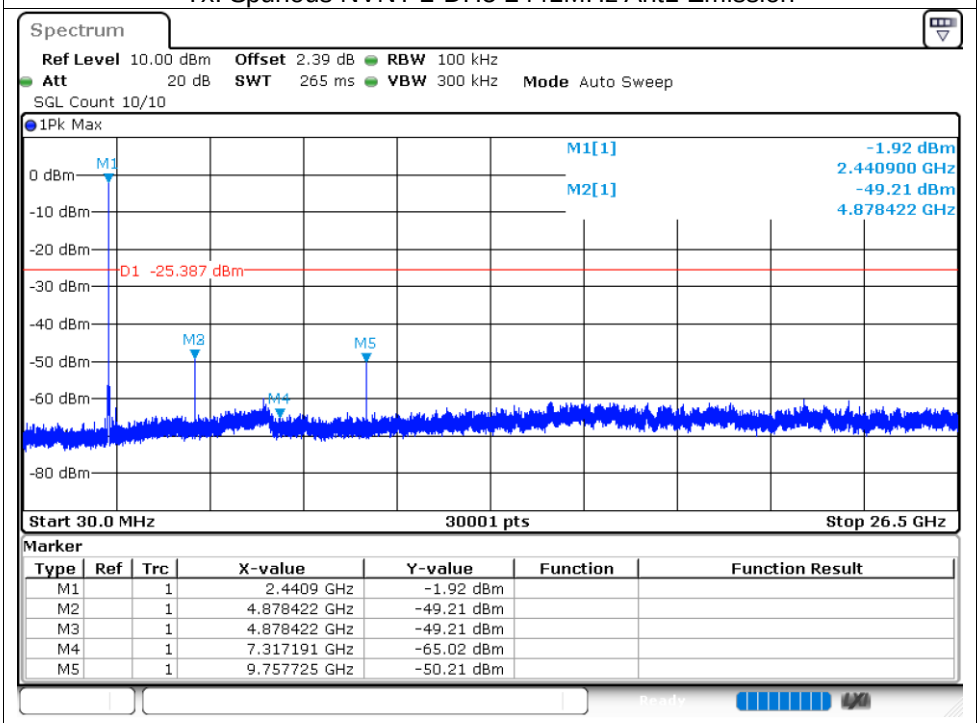
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40207 GHz	-5.21 dBm		
M2		1	4.800776 GHz	-49.12 dBm		
M3		1	4.800776 GHz	-49.12 dBm		
M4		1	7.009257 GHz	-62.78 dBm		
M5		1	9.601552 GHz	-50.45 dBm		

Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Ref



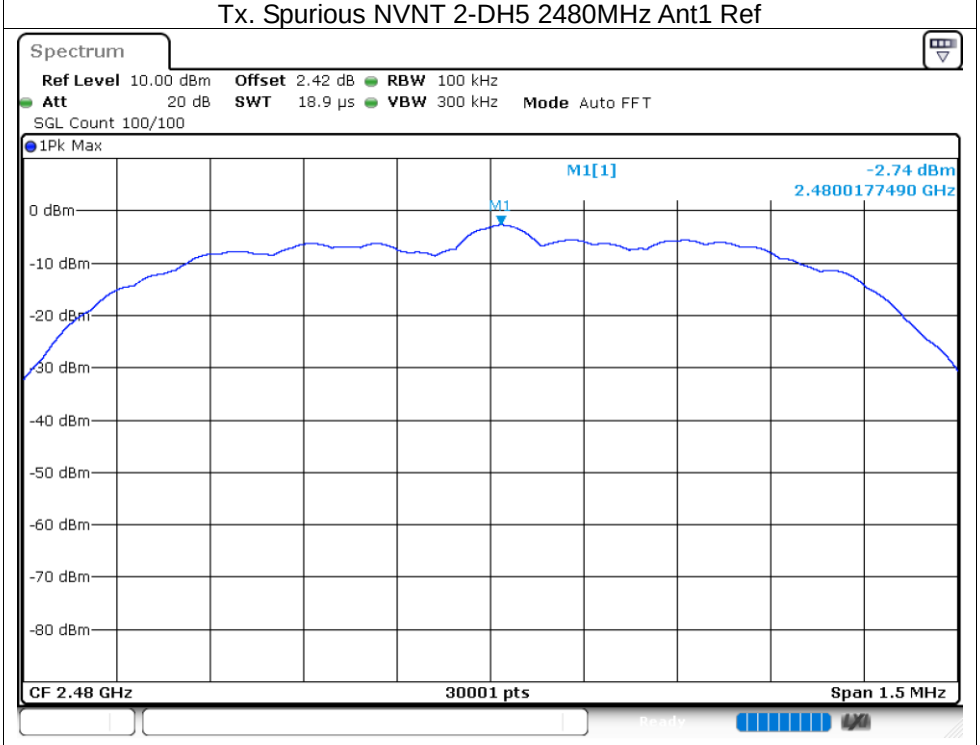
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 Emission



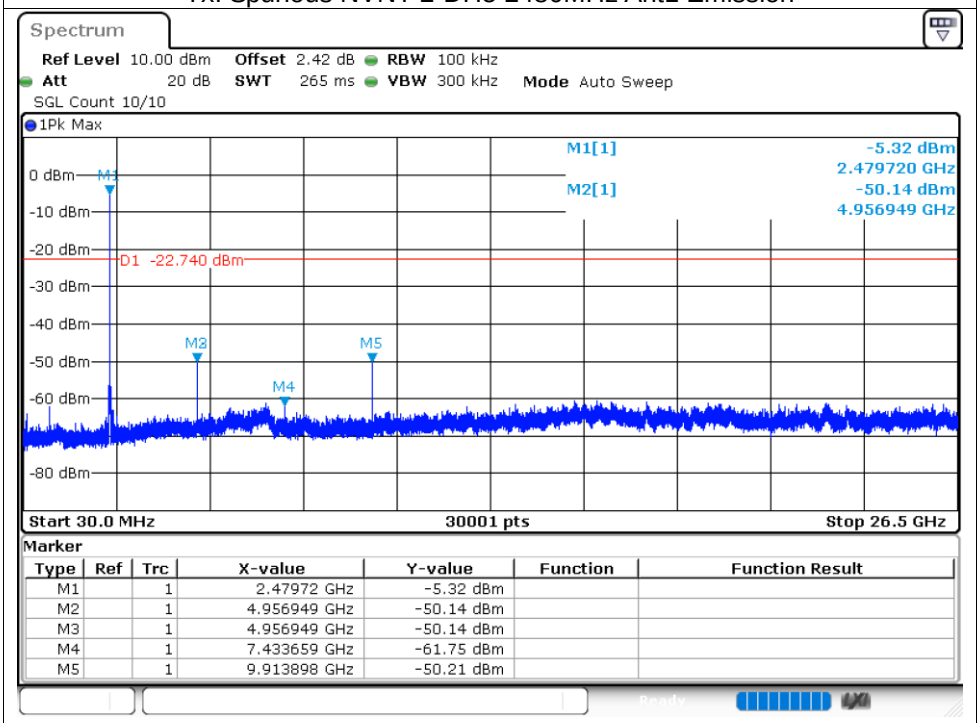
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4409 GHz	-1.92 dBm		
M2		1	4.878422 GHz	-49.21 dBm		
M3		1	4.878422 GHz	-49.21 dBm		
M4		1	7.317191 GHz	-65.02 dBm		
M5		1	9.757725 GHz	-50.21 dBm		

Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Ref



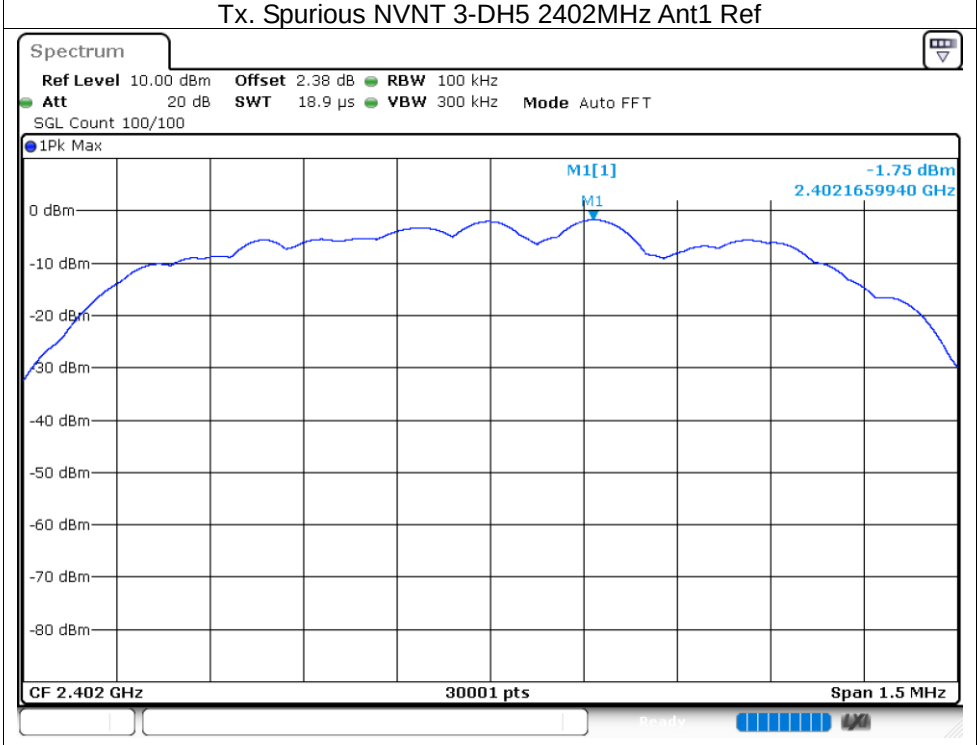
Tx. Spurious NVNT 2-DH5 2480MHz Ant1 Emission



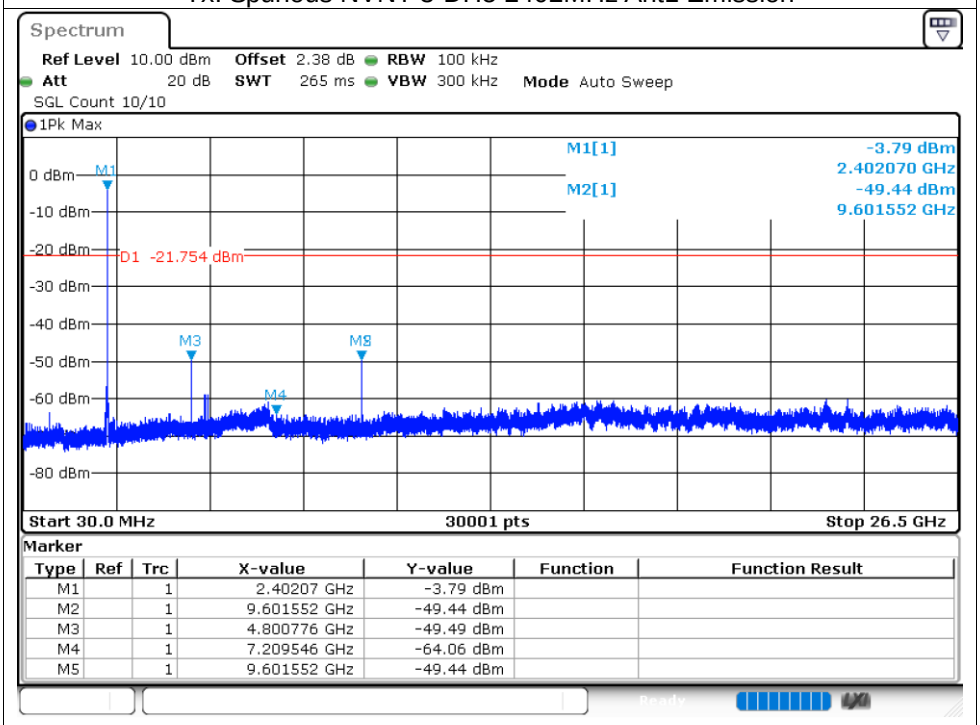
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47972 GHz	-5.32 dBm		
M2		1	4.956949 GHz	-50.14 dBm		
M3		1	4.956949 GHz	-50.14 dBm		
M4		1	7.433659 GHz	-61.75 dBm		
M5		1	9.913898 GHz	-50.21 dBm		

Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Ref



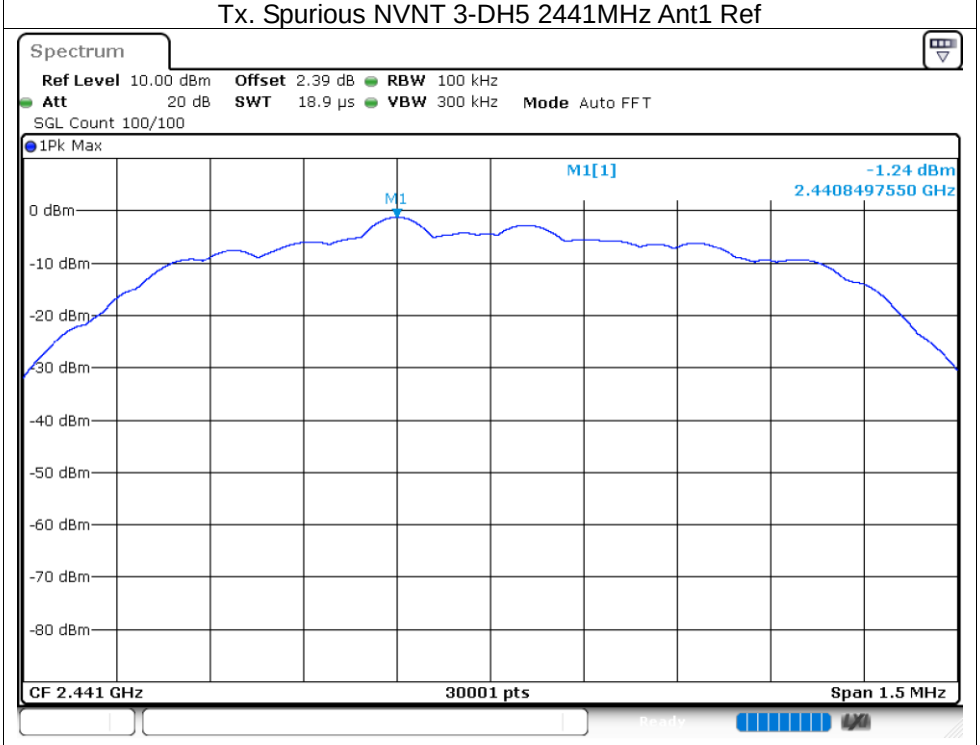
Tx. Spurious NVNT 3-DH5 2402MHz Ant1 Emission



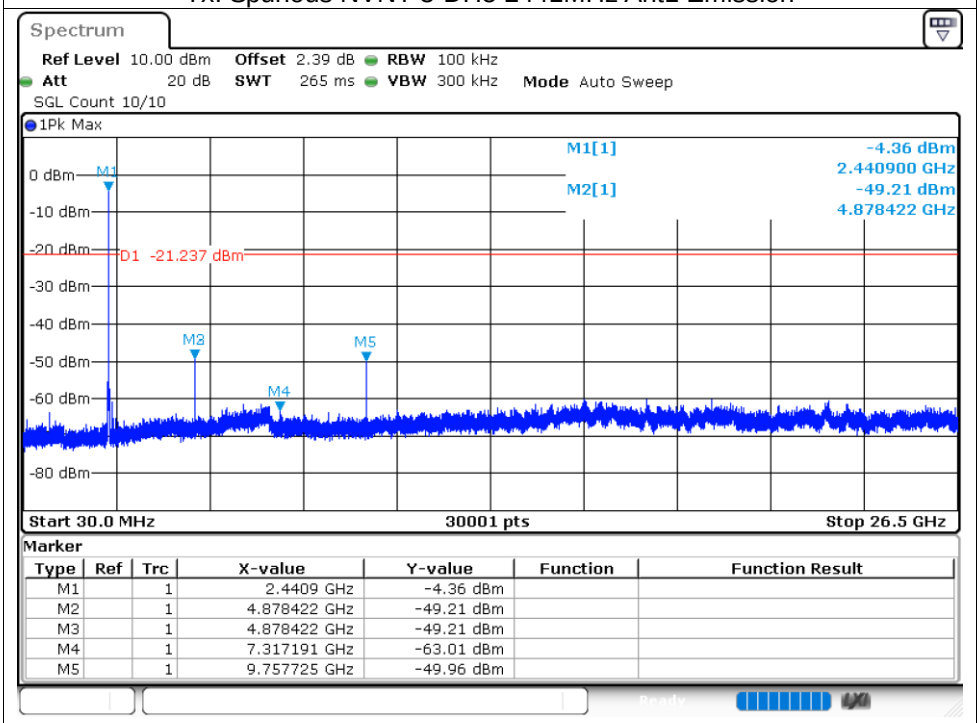
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40207 GHz	-3.79 dBm		
M2		1	9.601552 GHz	-49.44 dBm		
M3		1	4.800776 GHz	-49.49 dBm		
M4		1	7.209546 GHz	-64.06 dBm		
M5		1	9.601552 GHz	-49.44 dBm		

Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Ref



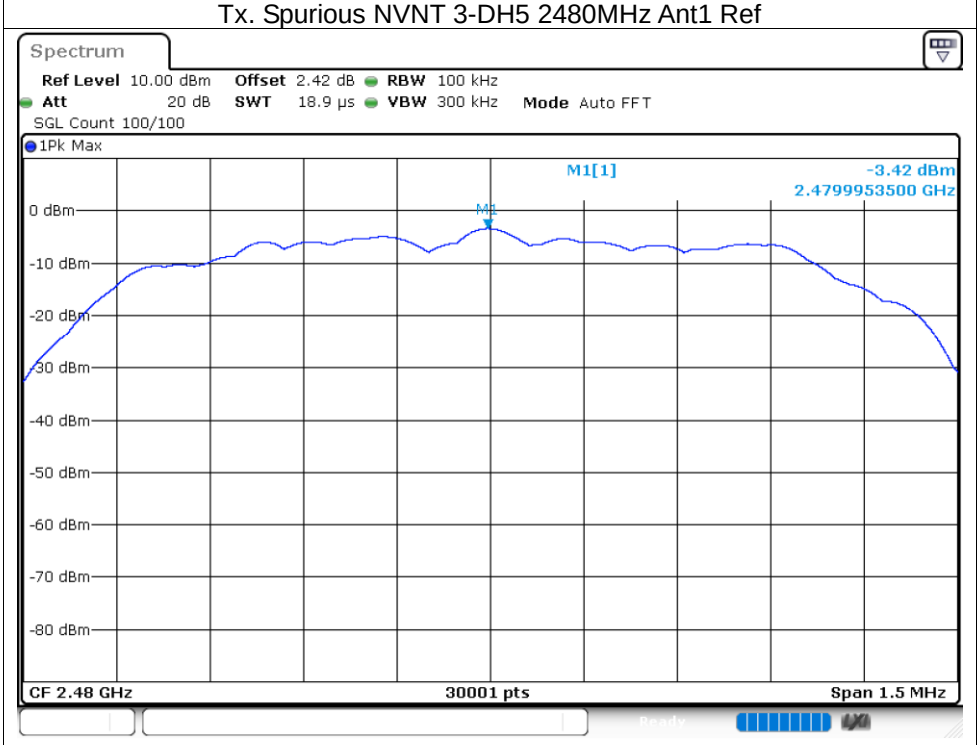
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 Emission



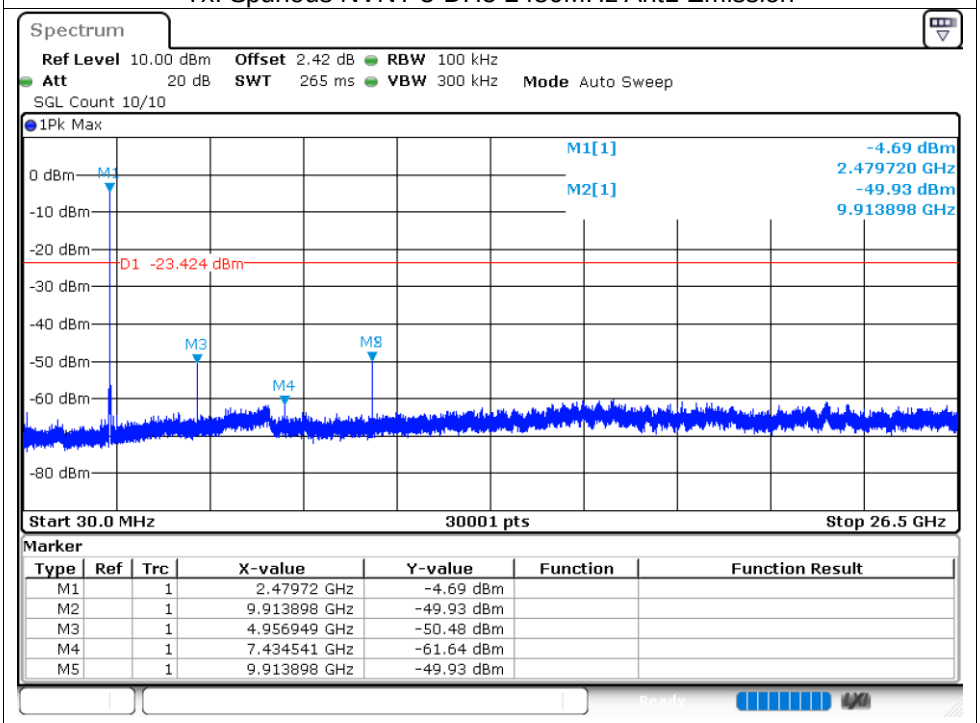
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4409 GHz	-4.36 dBm		
M2		1	4.878422 GHz	-49.21 dBm		
M3		1	4.878422 GHz	-49.21 dBm		
M4		1	7.317191 GHz	-63.01 dBm		
M5		1	9.757725 GHz	-49.96 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	2.47972 GHz	-4.69 dBm		
M2		1	9.913898 GHz	-49.93 dBm		
M3		1	4.956949 GHz	-50.48 dBm		
M4		1	7.434541 GHz	-61.64 dBm		
M5		1	9.913898 GHz	-49.93 dBm		

END OF REPORT