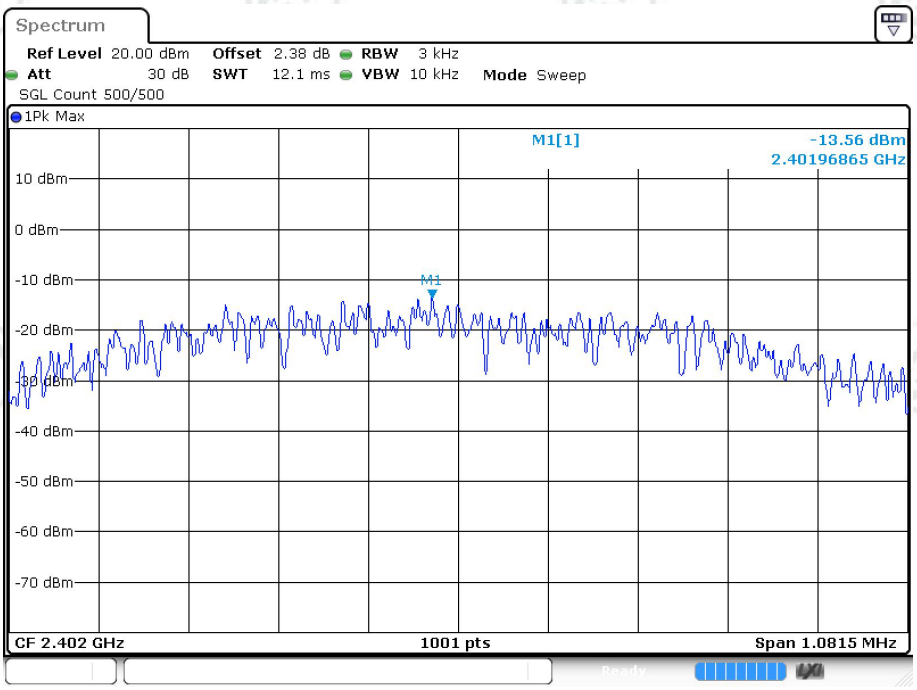
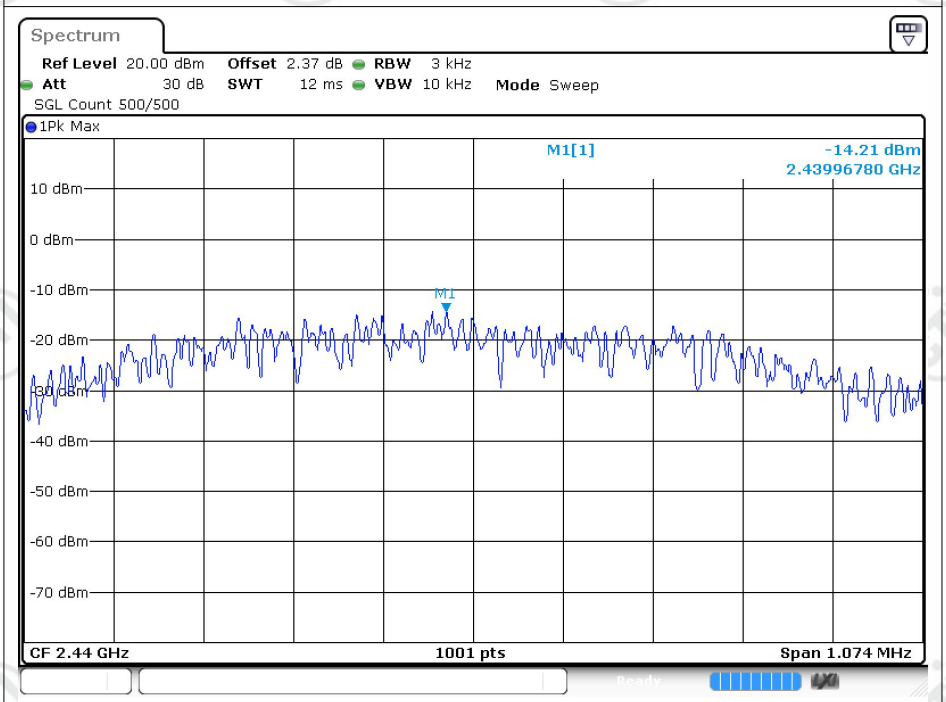
Test Graphs

PSD NVNT BLE 1M 2402MHz Ant1



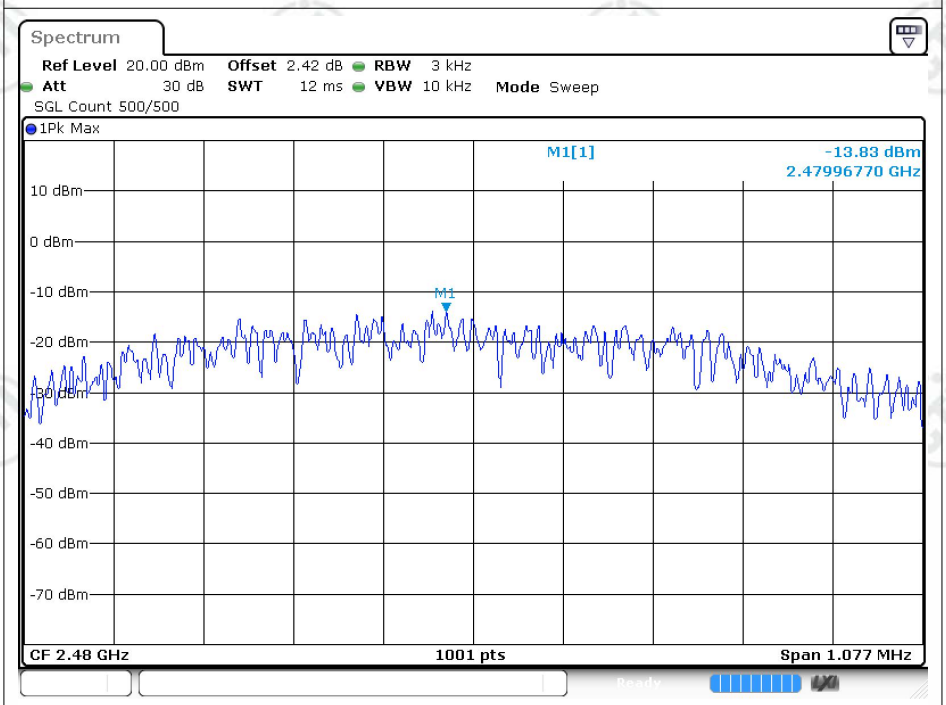
Date: 25.JUN.2025 21:41:38

PSD NVNT BLE 1M 2440MHz Ant1



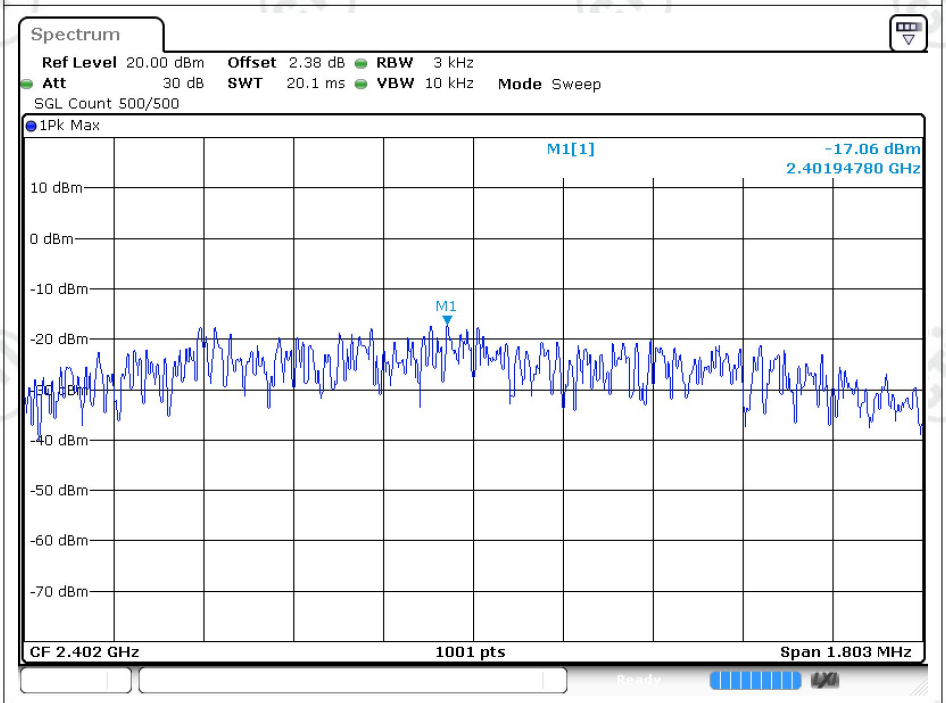
Date: 25.JUN.2025 21:44:21

PSD NVNT BLE 1M 2480MHz Ant1



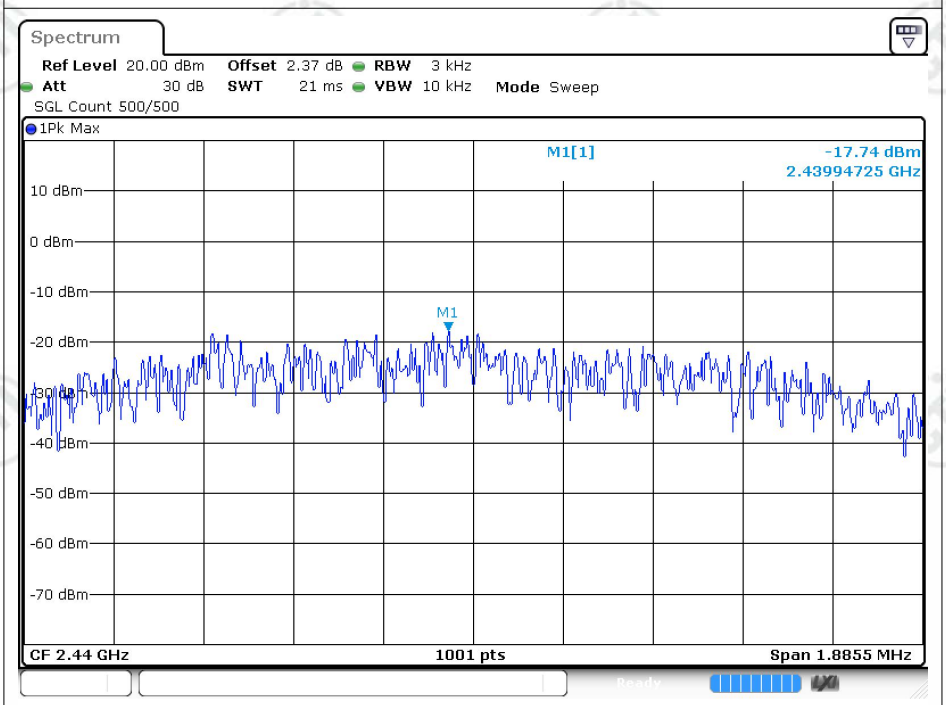
Date: 25.JUN.2025 21:46:24

PSD NVNT BLE 2M 2402MHz Ant1



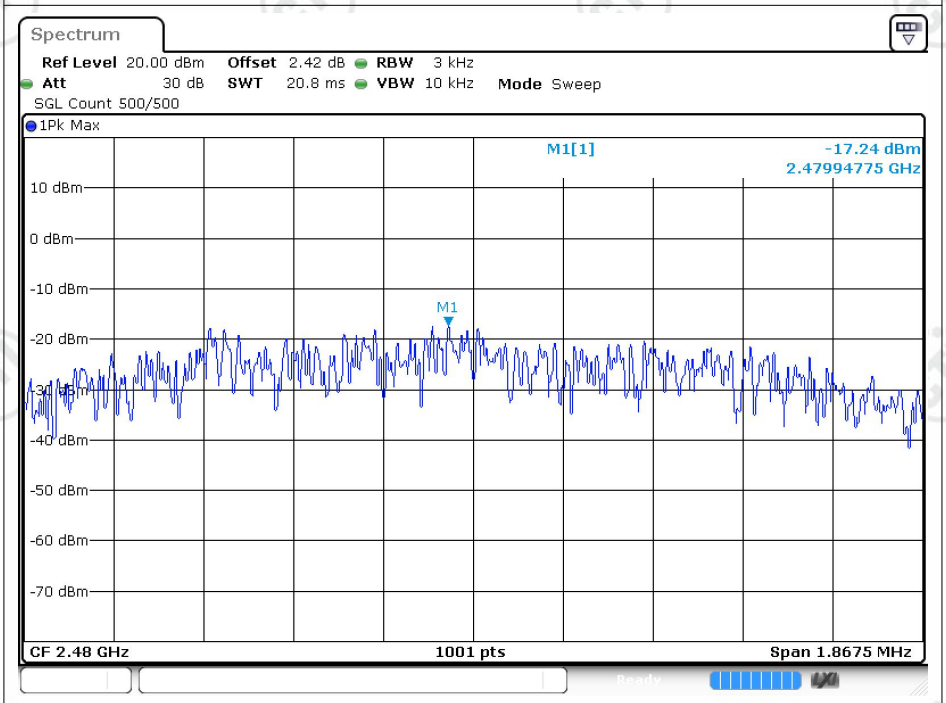
Date: 25.JUN.2025 21:48:28

PSD NVNT BLE 2M 2440MHz Ant1



Date: 25.JUN.2025 21:50:10

PSD NVNT BLE 2M 2480MHz Ant1



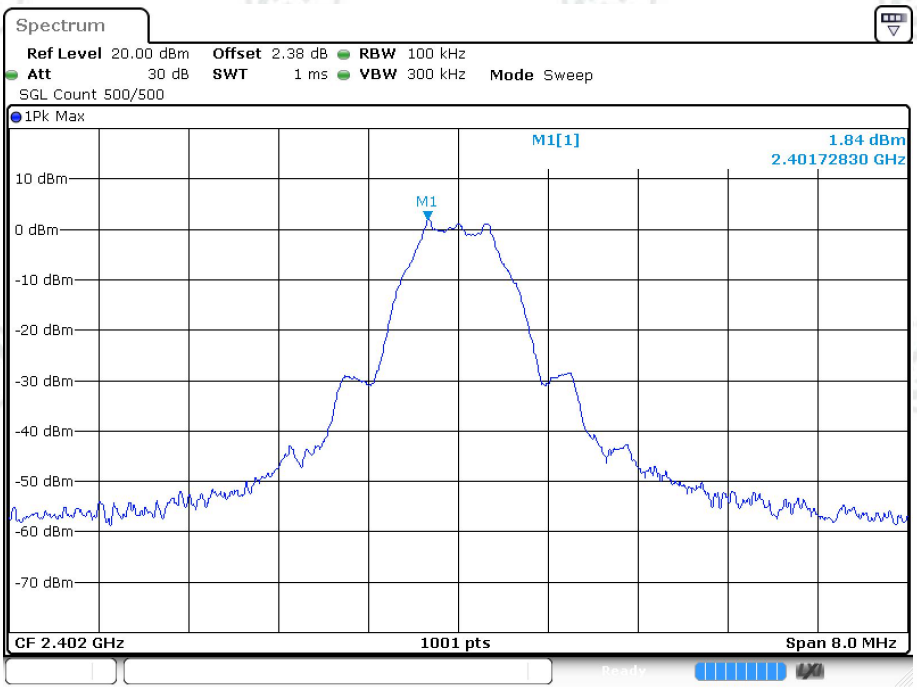
Date: 25.JUN.2025 21:51:55

Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-53.22	-20	Pass
NVNT	BLE 1M	2480	Ant1	-56.47	-20	Pass
NVNT	BLE 2M	2402	Ant1	-33.52	-20	Pass
NVNT	BLE 2M	2480	Ant1	-54.3	-20	Pass

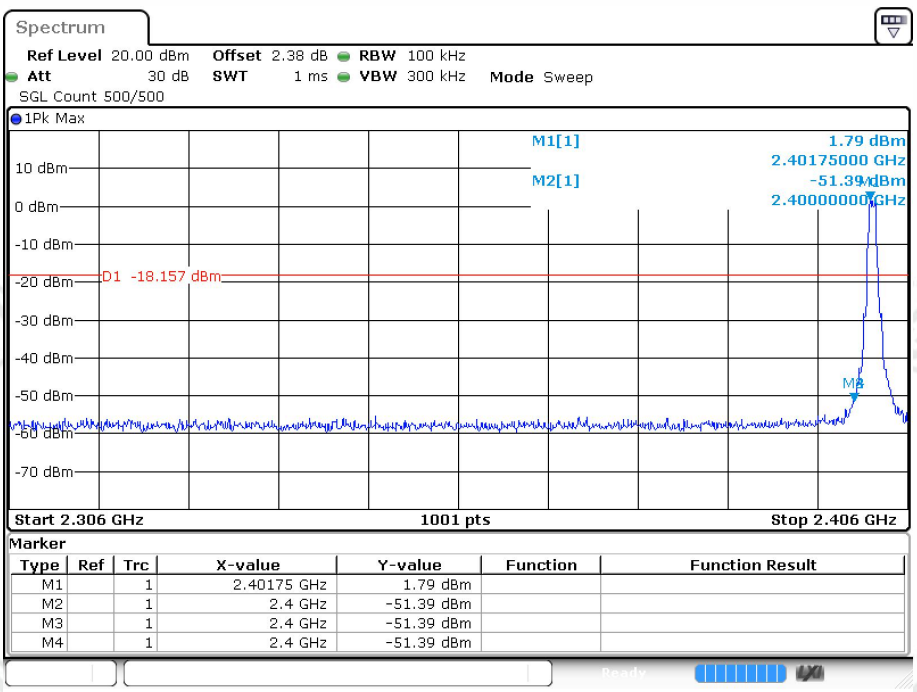
Test Graphs

Band Edge NVNT BLE 1M 2402MHz Ant1 Ref



Date: 25.JUN.2025 21:41:42

Band Edge NVNT BLE 1M 2402MHz Ant1 Emission

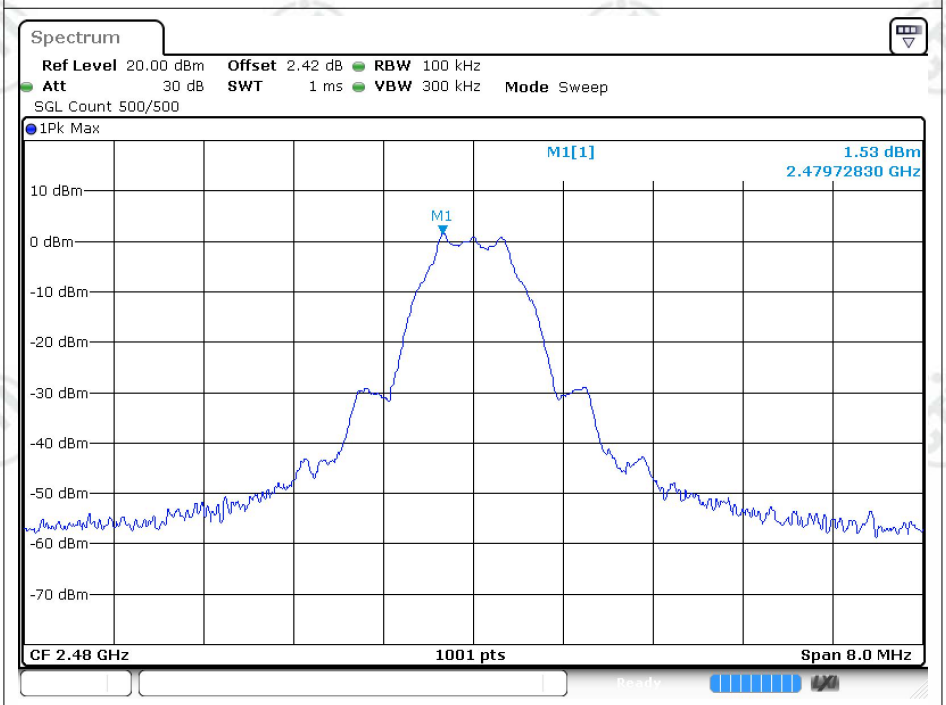


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40175 GHz	1.79 dBm		
M2		1	2.4 GHz	-51.39 dBm		
M3		1	2.4 GHz	-51.39 dBm		
M4		1	2.4 GHz	-51.39 dBm		

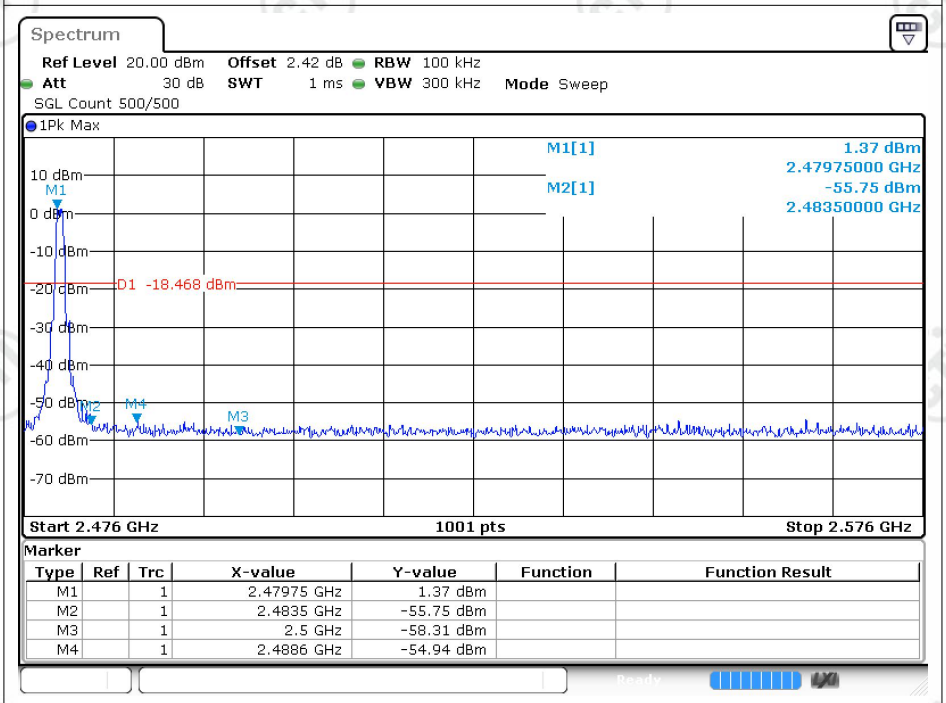
Date: 25.JUN.2025 21:41:45

Band Edge NVNT BLE 1M 2480MHz Ant1 Ref



Date: 25.JUN.2025 21:46:27

Band Edge NVNT BLE 1M 2480MHz Ant1 Emission

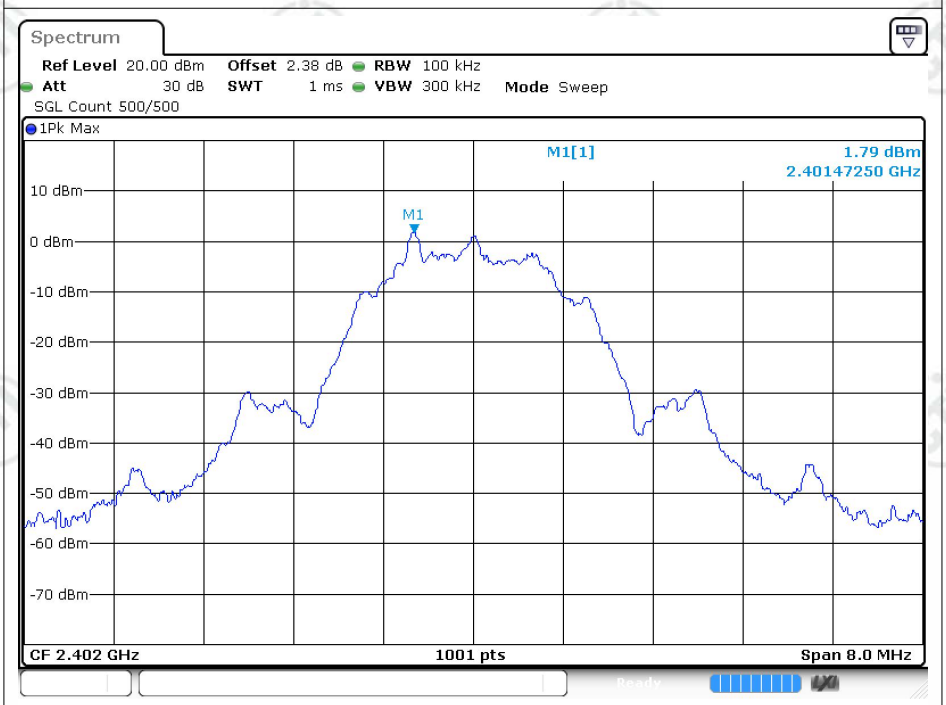


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47975 GHz	1.37 dBm		
M2		1	2.4835 GHz	-55.75 dBm		
M3		1	2.5 GHz	-58.31 dBm		
M4		1	2.4886 GHz	-54.94 dBm		

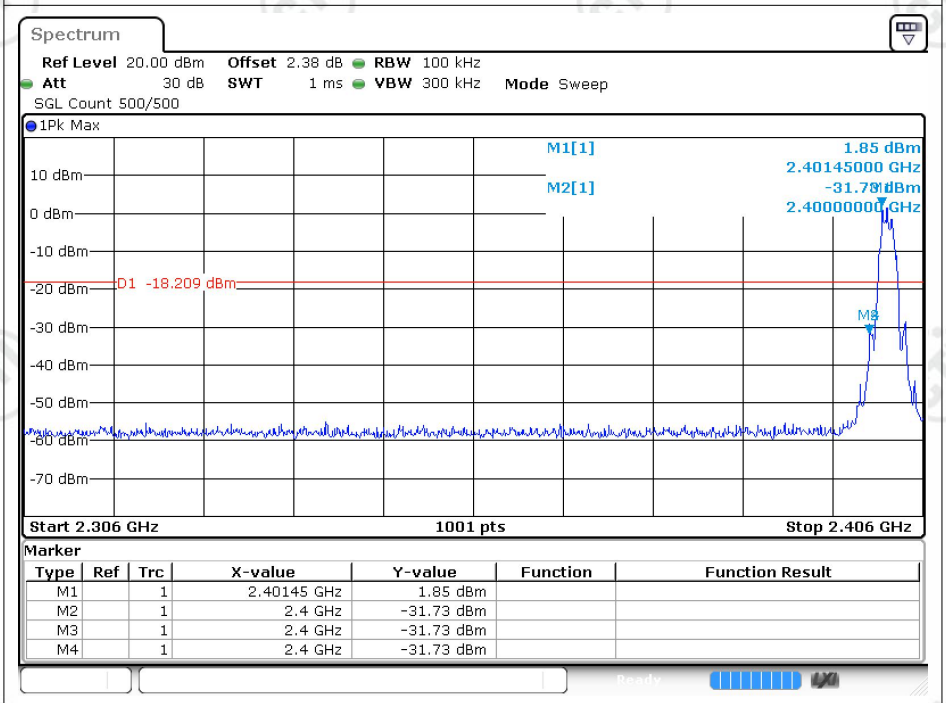
Date: 25.JUN.2025 21:46:29

Band Edge NVNT BLE 2M 2402MHz Ant1 Ref



Date: 25.JUN.2025 21:48:32

Band Edge NVNT BLE 2M 2402MHz Ant1 Emission

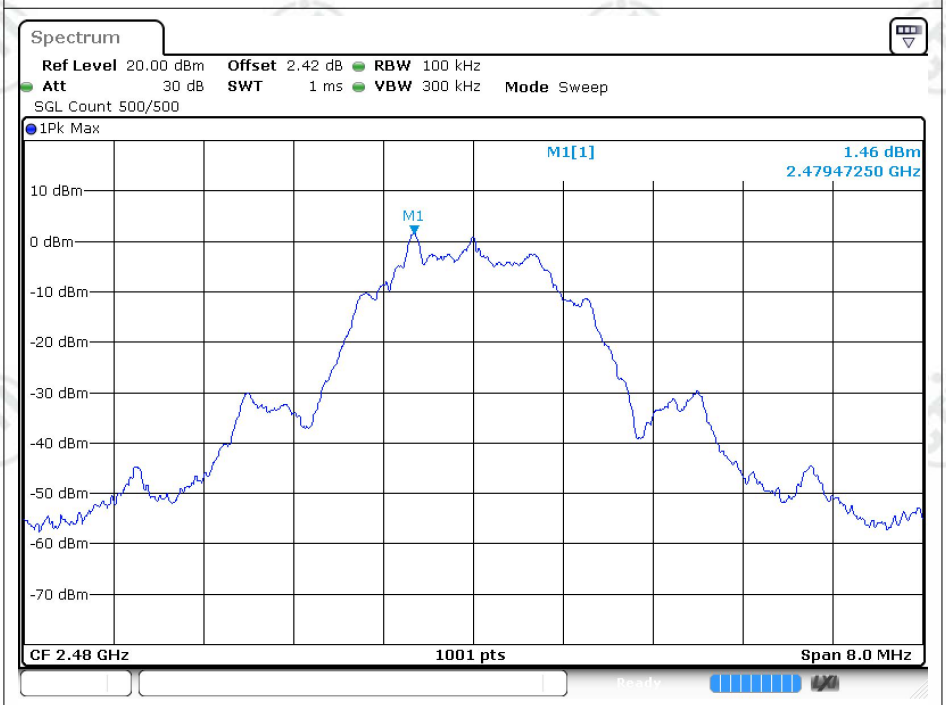


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40145 GHz	1.85 dBm		
M2		1	2.4 GHz	-31.73 dBm		
M3		1	2.4 GHz	-31.73 dBm		
M4		1	2.4 GHz	-31.73 dBm		

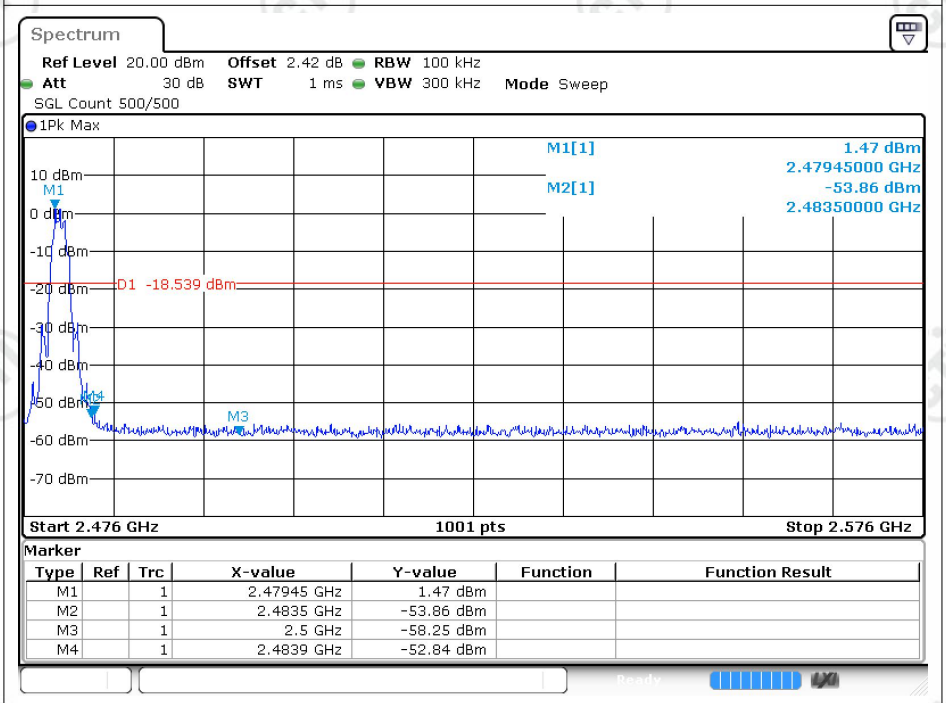
Date: 25.JUN.2025 21:48:35

Band Edge NVNT BLE 2M 2480MHz Ant1 Ref



Date: 25.JUN.2025 21:51:58

Band Edge NVNT BLE 2M 2480MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47945 GHz	1.47 dBm		
M2		1	2.4835 GHz	-53.86 dBm		
M3		1	2.5 GHz	-58.25 dBm		
M4		1	2.4839 GHz	-52.84 dBm		

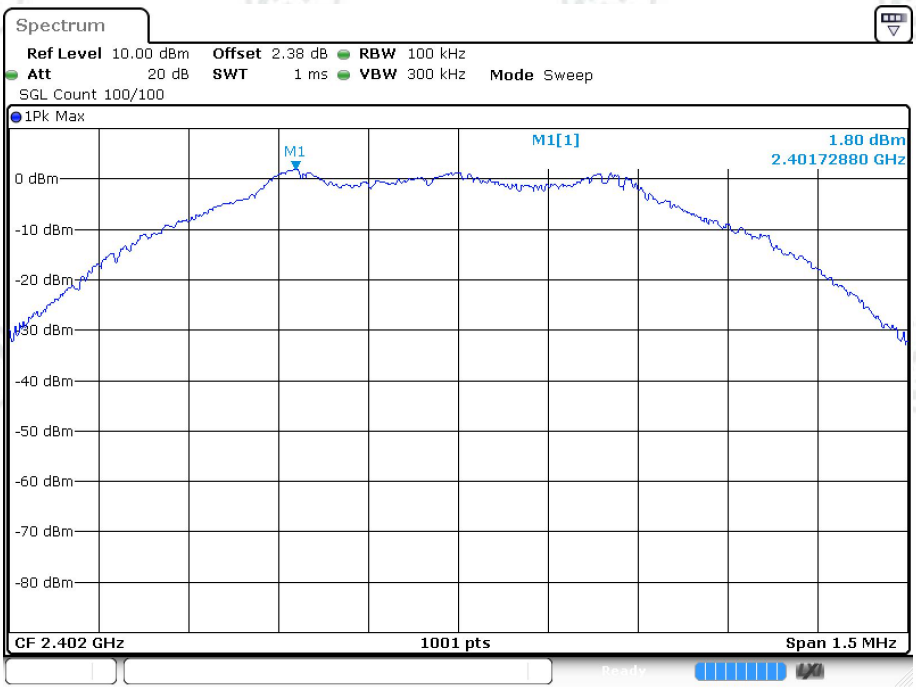
Date: 25.JUN.2025 21:52:00

Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-57.01	-20	Pass
NVNT	BLE 1M	2440	Ant1	-56.38	-20	Pass
NVNT	BLE 1M	2480	Ant1	-57.15	-20	Pass
NVNT	BLE 2M	2402	Ant1	-57.05	-20	Pass
NVNT	BLE 2M	2440	Ant1	-56.99	-20	Pass
NVNT	BLE 2M	2480	Ant1	-56.34	-20	Pass

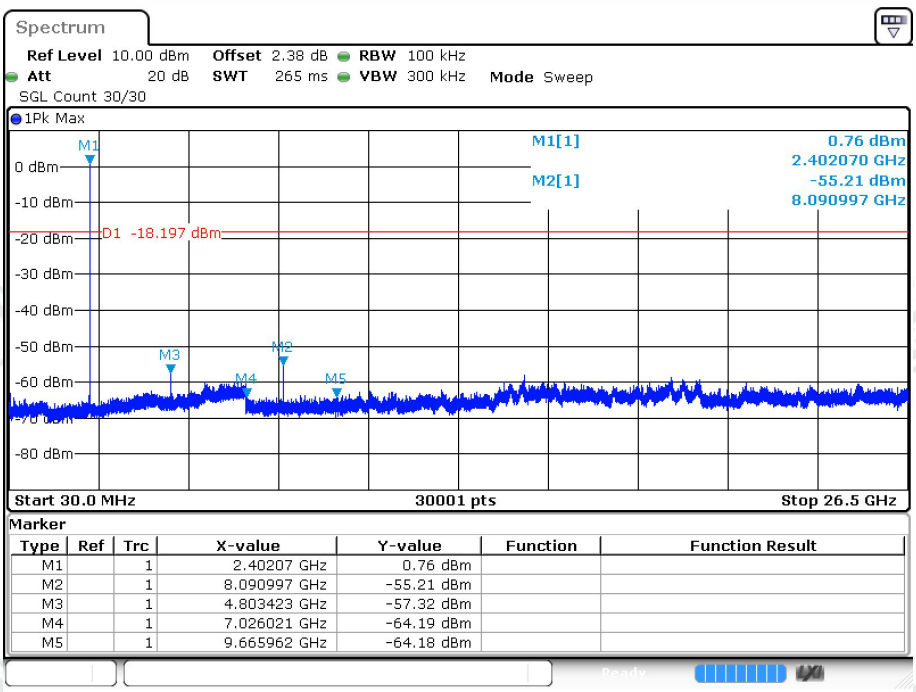
Test Graphs

Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Ref



Date: 25.JUN.2025 21:41:48

Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Emission

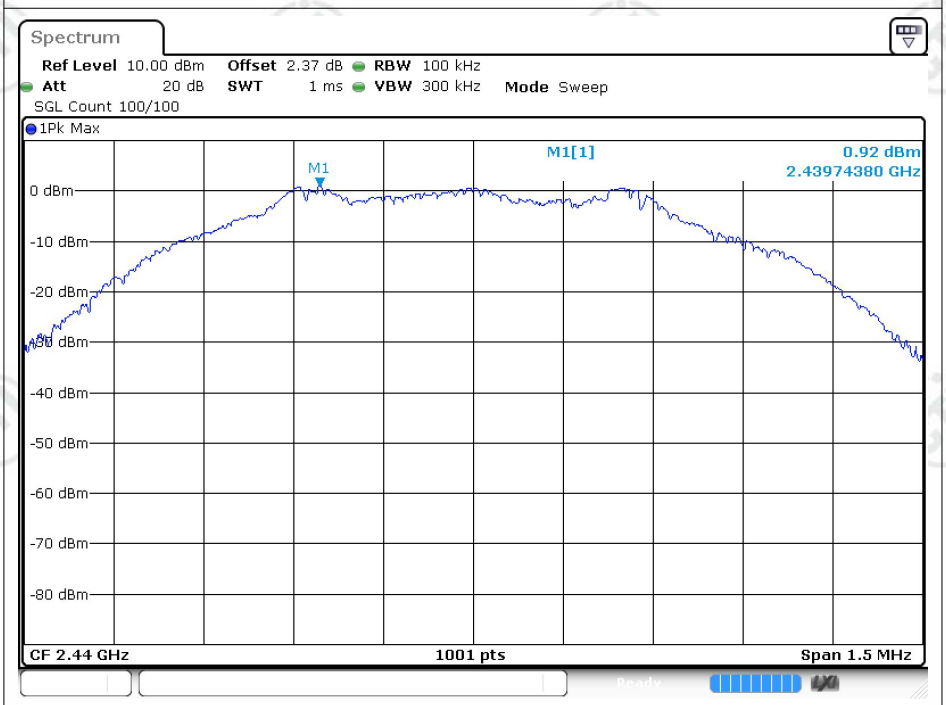


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40207 GHz	0.76 dBm		
M2		1	8.090997 GHz	-55.21 dBm		
M3		1	4.803423 GHz	-57.32 dBm		
M4		1	7.026021 GHz	-64.19 dBm		
M5		1	9.665962 GHz	-64.18 dBm		

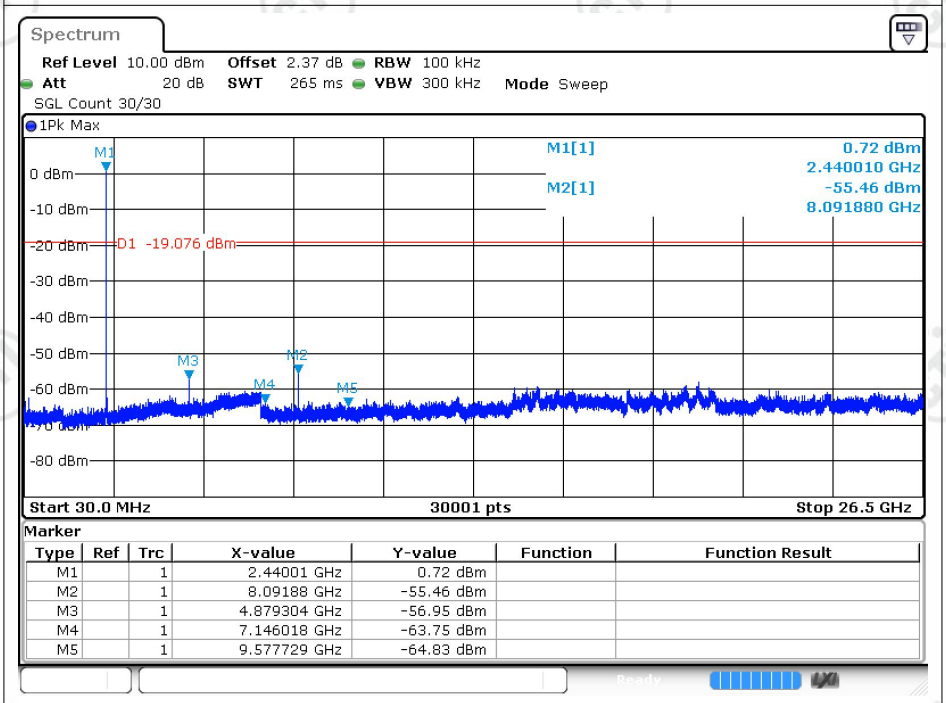
Date: 25.JUN.2025 21:42:17

Tx. Spurious NVNT BLE 1M 2440MHz Ant1 Ref



Date: 25.JUN.2025 21:44:24

Tx. Spurious NVNT BLE 1M 2440MHz Ant1 Emission

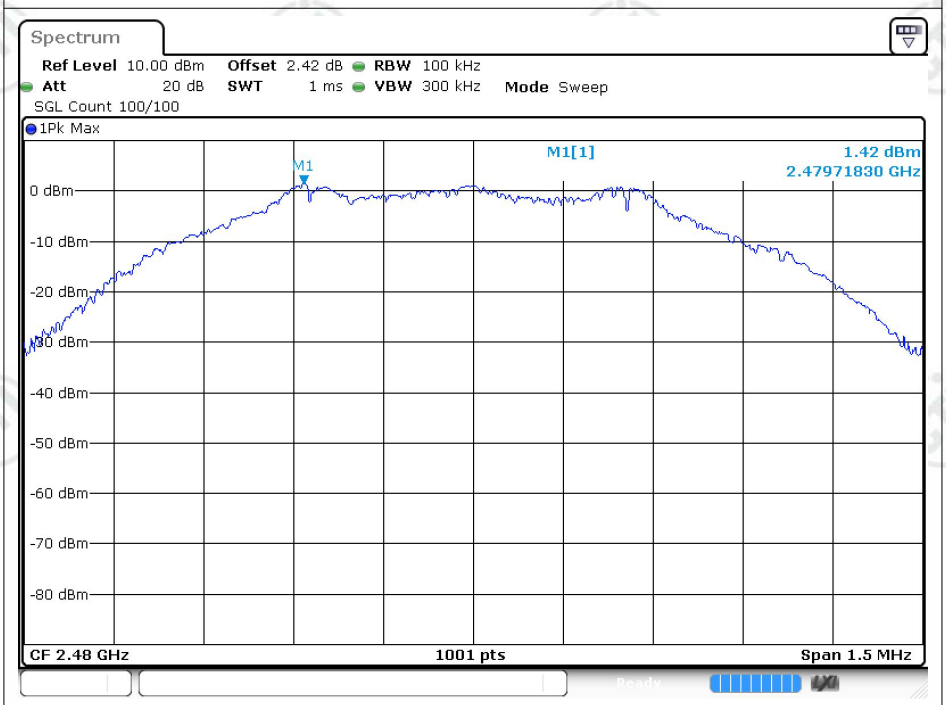


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.44001 GHz	0.72 dBm		
M2		1	8.09188 GHz	-55.46 dBm		
M3		1	4.879304 GHz	-56.95 dBm		
M4		1	7.146018 GHz	-63.75 dBm		
M5		1	9.577729 GHz	-64.83 dBm		

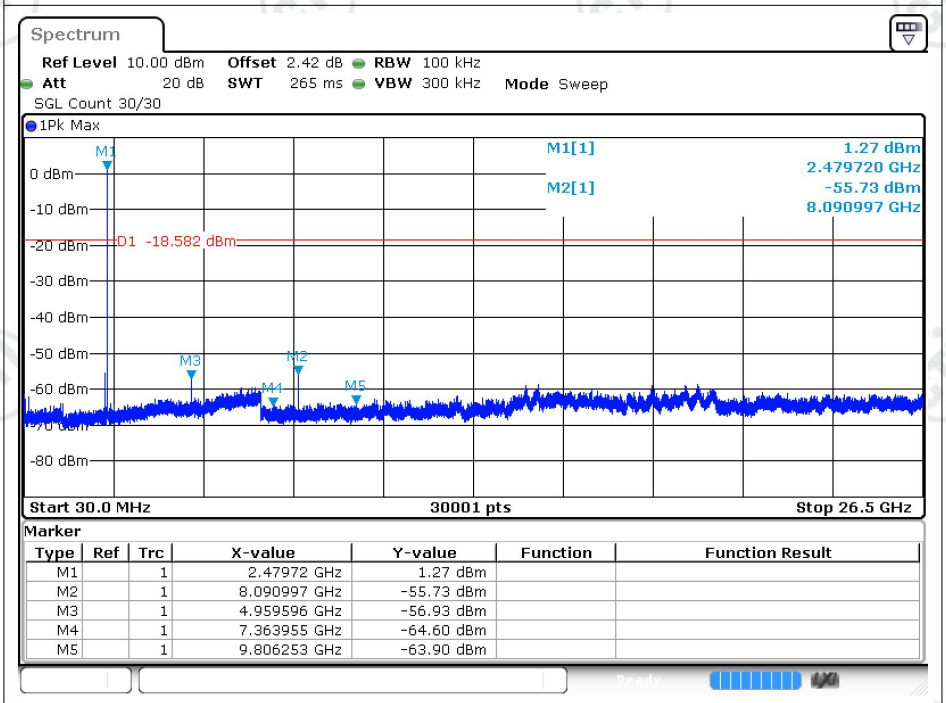
Date: 25.JUN.2025 21:44:52

Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Ref



Date: 25.JUN.2025 21:46:33

Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Emission

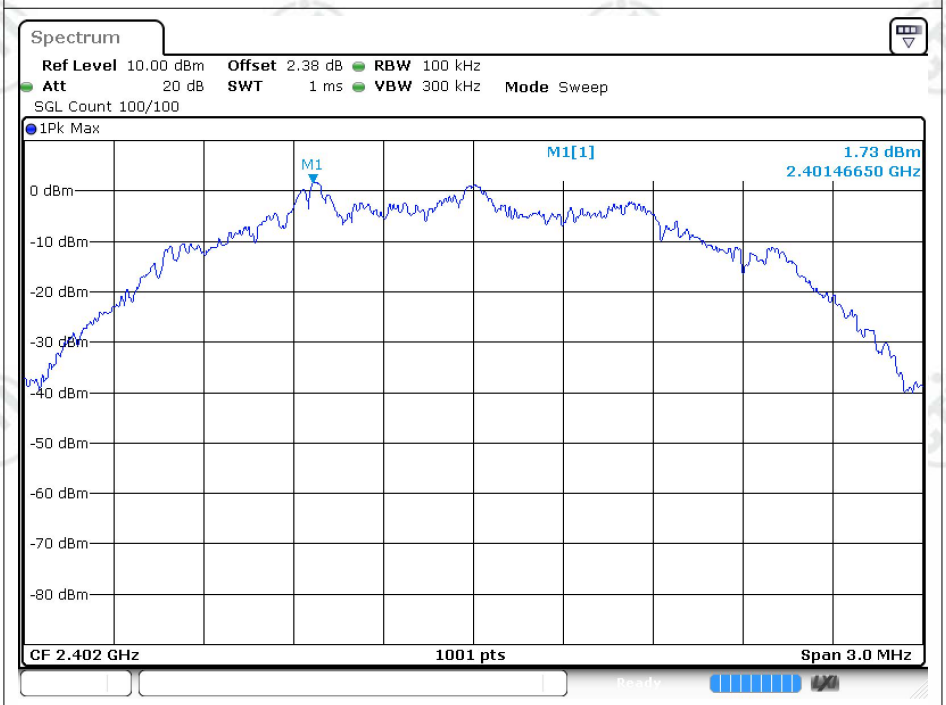


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.47972 GHz	1.27 dBm		
M2		1	8.090997 GHz	-55.73 dBm		
M3		1	4.959596 GHz	-56.93 dBm		
M4		1	7.363955 GHz	-64.60 dBm		
M5		1	9.806253 GHz	-63.90 dBm		

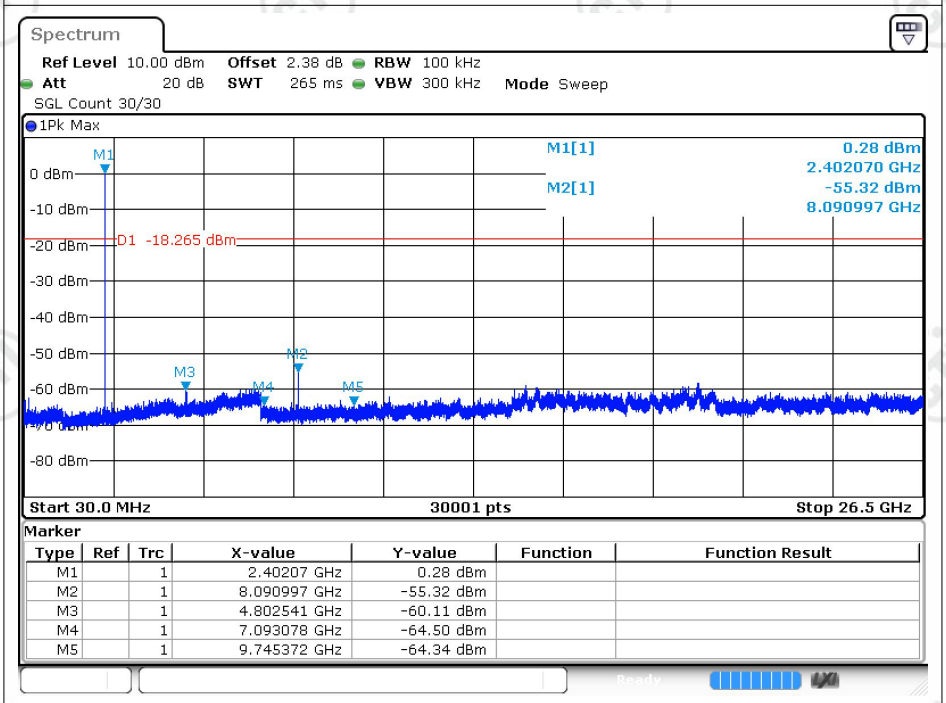
Date: 25.JUN.2025 21:47:02

Tx. Spurious NVNT BLE 2M 2402MHz Ant1 Ref



Date: 25.JUN.2025 21:48:39

Tx. Spurious NVNT BLE 2M 2402MHz Ant1 Emission

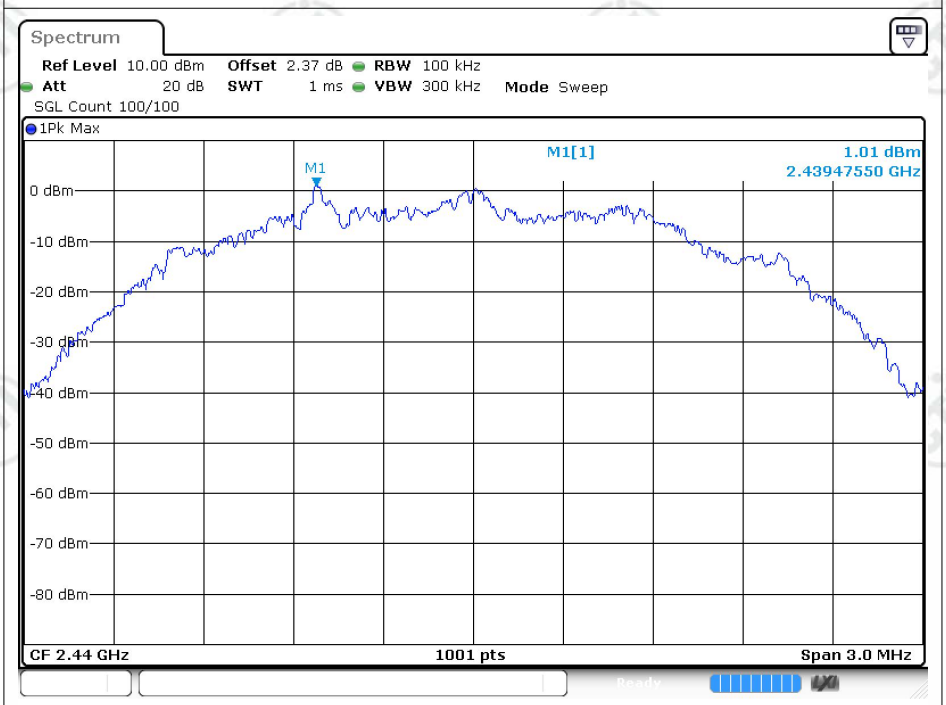


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.40207 GHz	0.28 dBm		
M2		1	8.090997 GHz	-55.32 dBm		
M3		1	4.802541 GHz	-60.11 dBm		
M4		1	7.093078 GHz	-64.50 dBm		
M5		1	9.745372 GHz	-64.34 dBm		

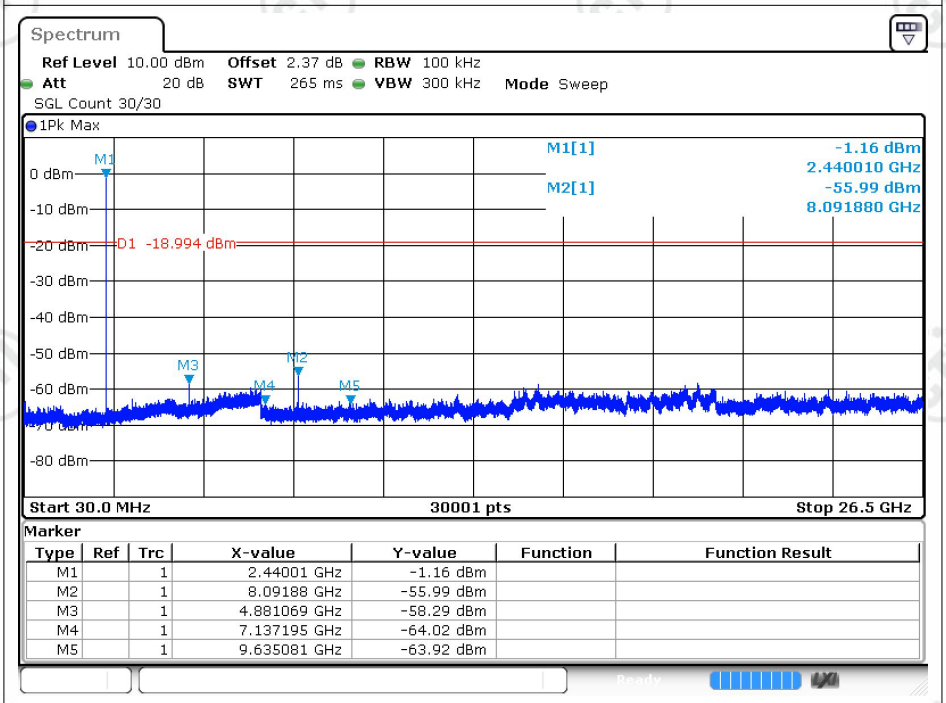
Date: 25.JUN.2025 21:49:07

Tx. Spurious NVNT BLE 2M 2440MHz Ant1 Ref



Date: 25.JUN.2025 21:50:13

Tx. Spurious NVNT BLE 2M 2440MHz Ant1 Emission



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.44001 GHz	-1.16 dBm		
M2		1	8.09188 GHz	-55.99 dBm		
M3		1	4.881069 GHz	-58.29 dBm		
M4		1	7.137195 GHz	-64.02 dBm		
M5		1	9.635081 GHz	-63.92 dBm		

Date: 25.JUN.2025 21:50:42