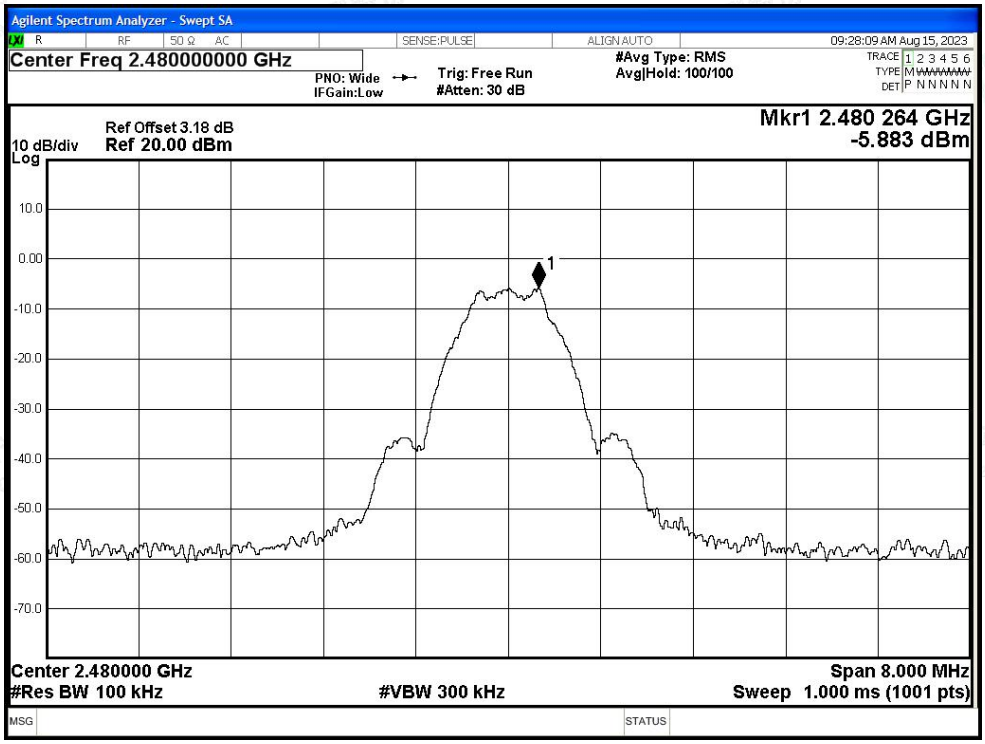
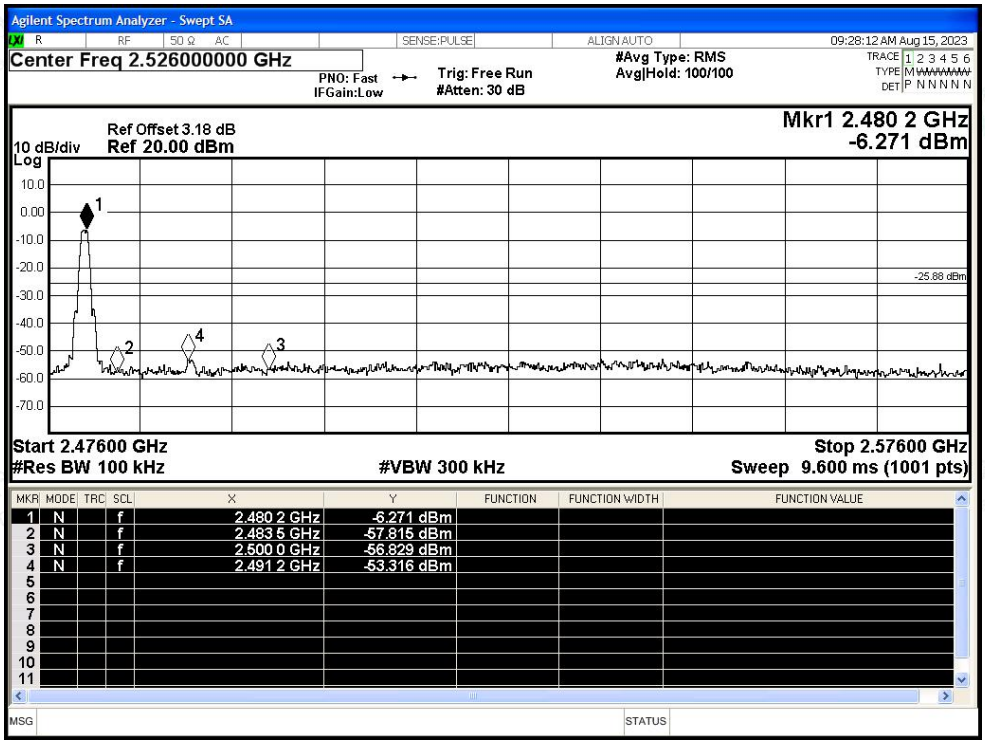
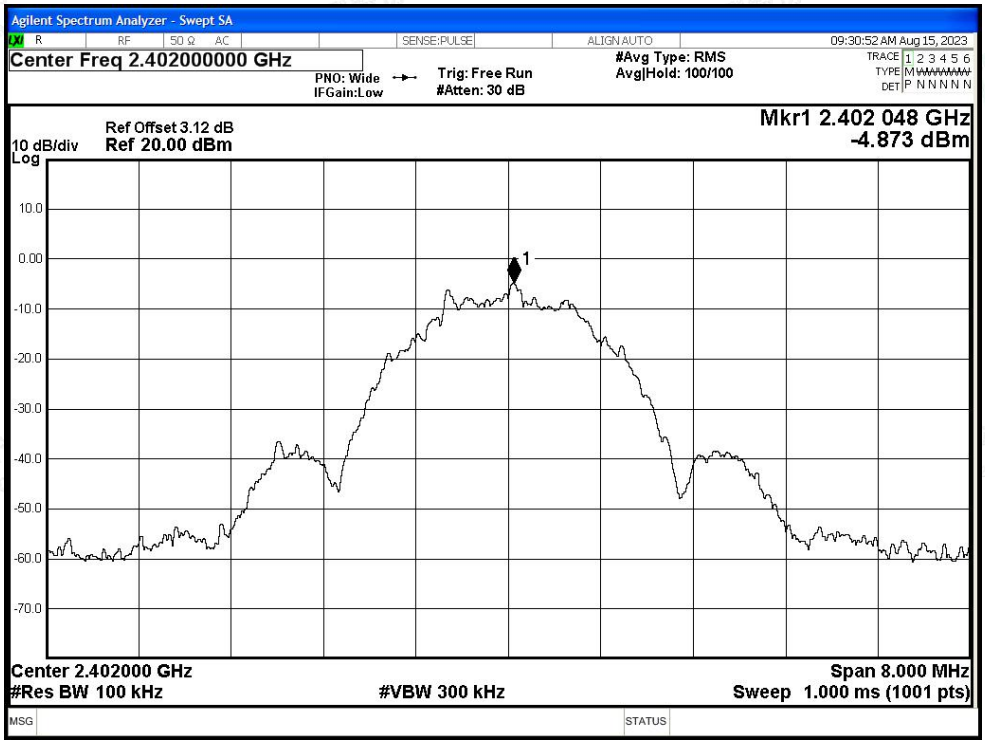
Band Edge NVNT BLE 1M 2480MHz Ant1 Ref



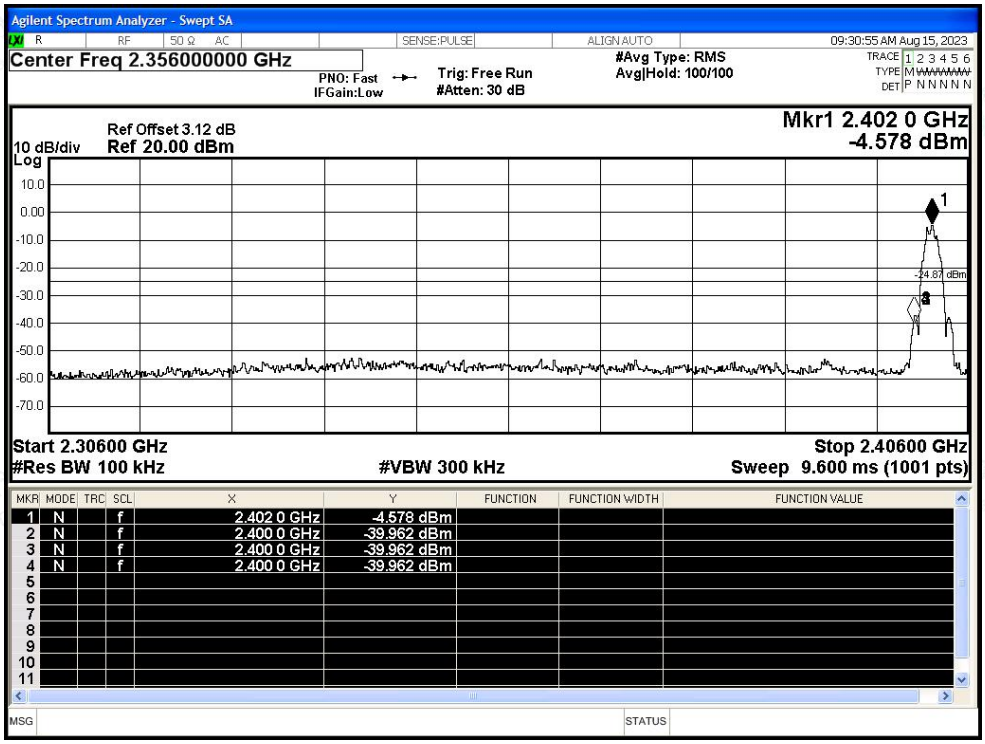
Band Edge NVNT BLE 1M 2480MHz Ant1 Emission



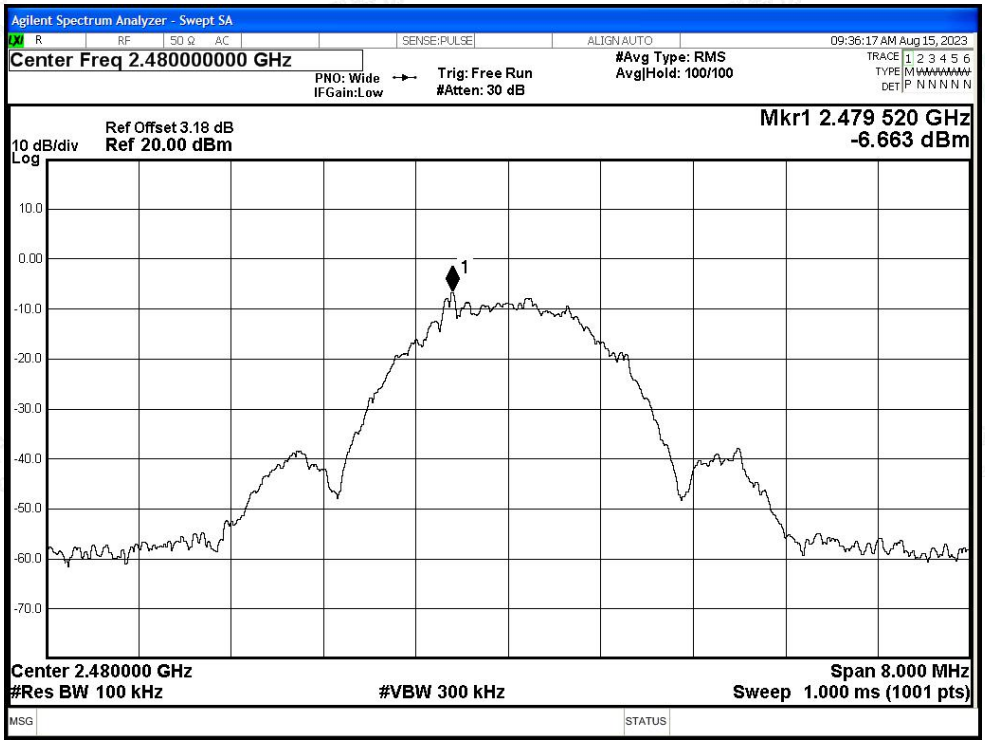
Band Edge NVNT BLE 2M 2402MHz Ant1 Ref



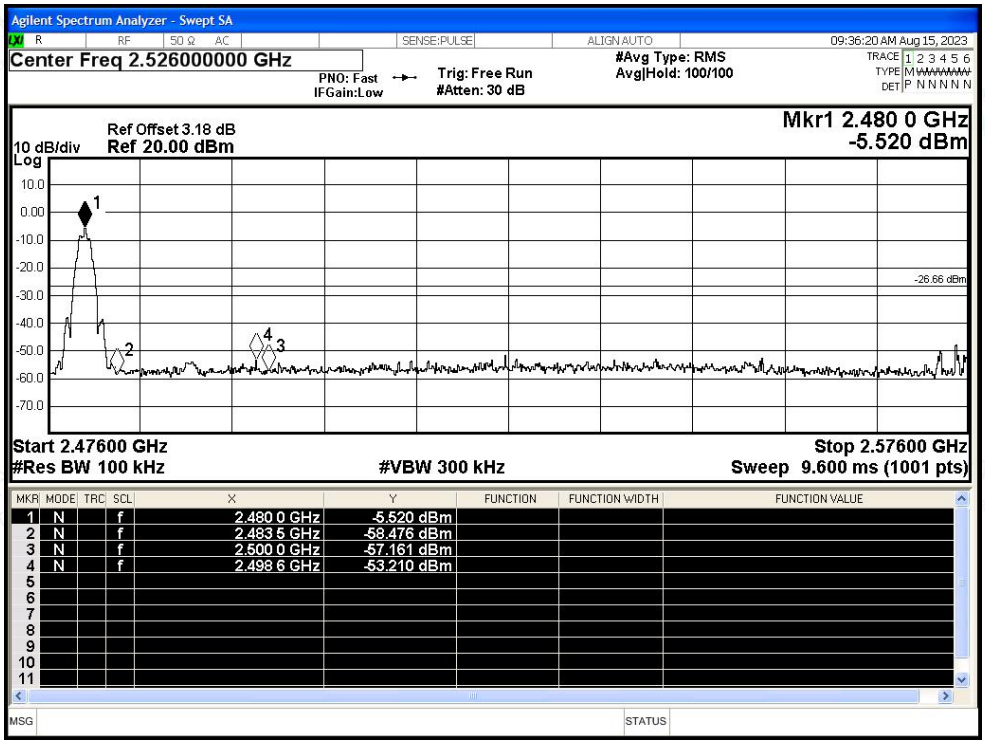
Band Edge NVNT BLE 2M 2402MHz Ant1 Emission



Band Edge NVNT BLE 2M 2480MHz Ant1 Ref



Band Edge NVNT BLE 2M 2480MHz Ant1 Emission

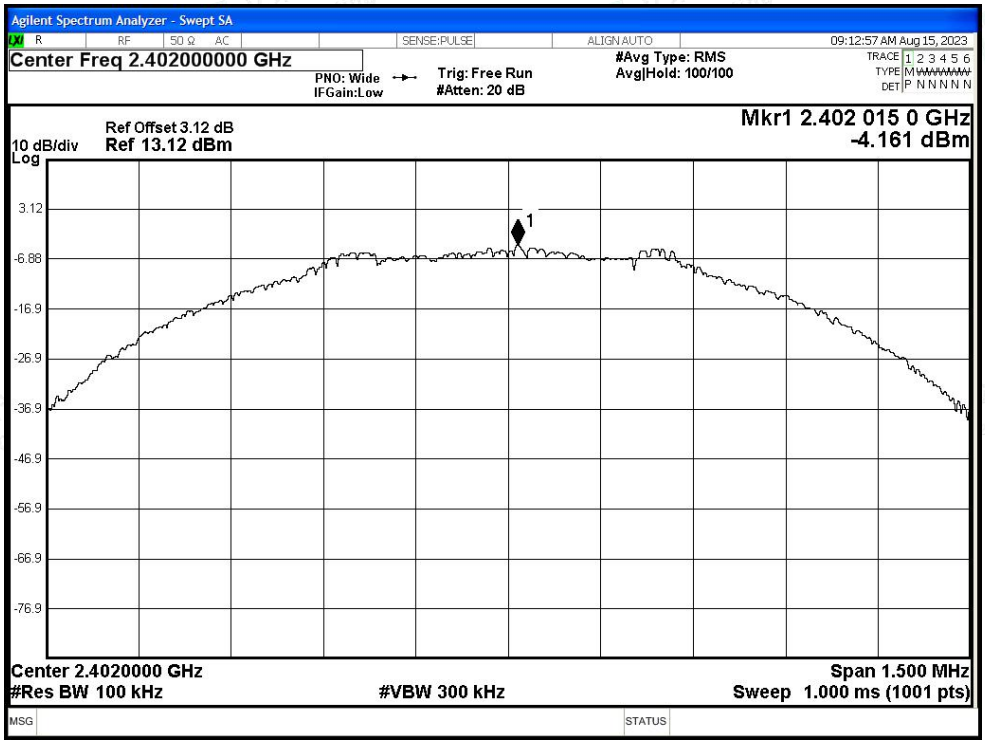


B.5 Conducted RF Spurious Emission

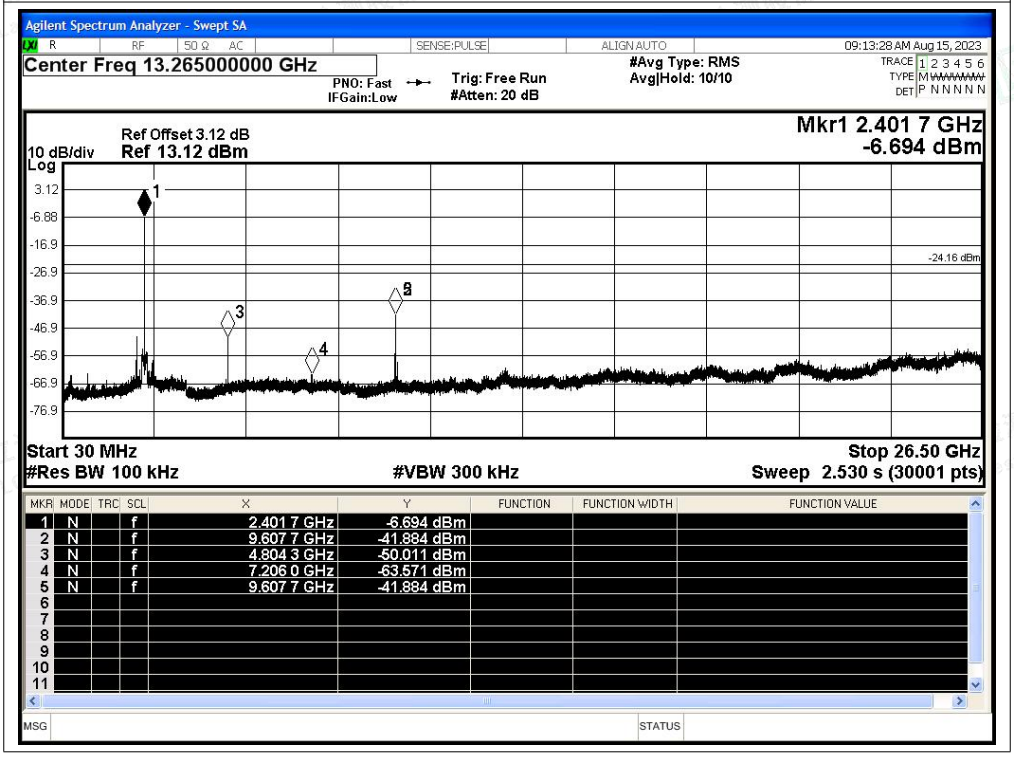
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1M	2402	Ant1	-37.72	-20	Pass
NVNT	BLE 1M	2440	Ant1	-35.57	-20	Pass
NVNT	BLE 1M	2480	Ant1	-33.92	-20	Pass
NVNT	BLE 2M	2402	Ant1	-36.18	-20	Pass
NVNT	BLE 2M	2440	Ant1	-35.46	-20	Pass
NVNT	BLE 2M	2480	Ant1	-33.88	-20	Pass

Test Graphs

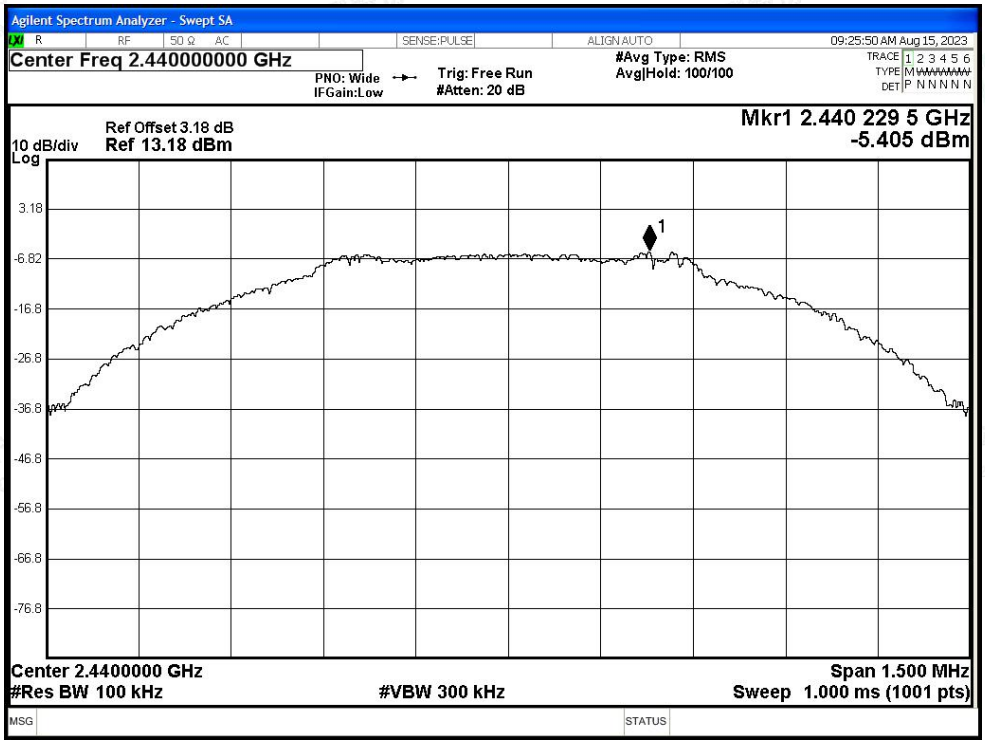
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Ref



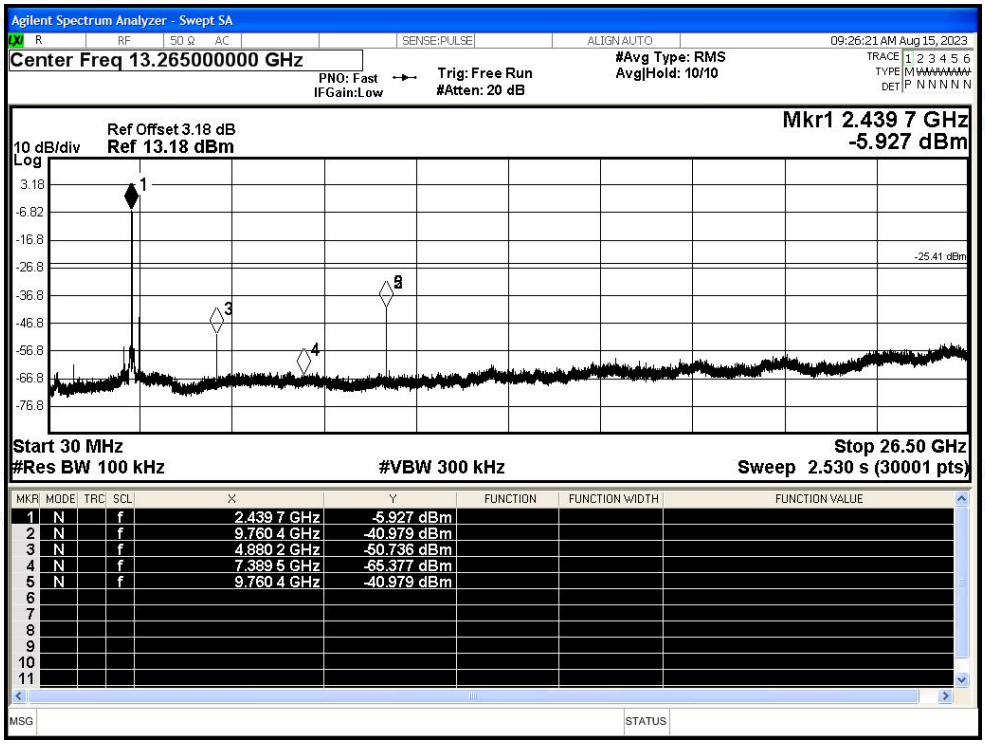
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 Emission



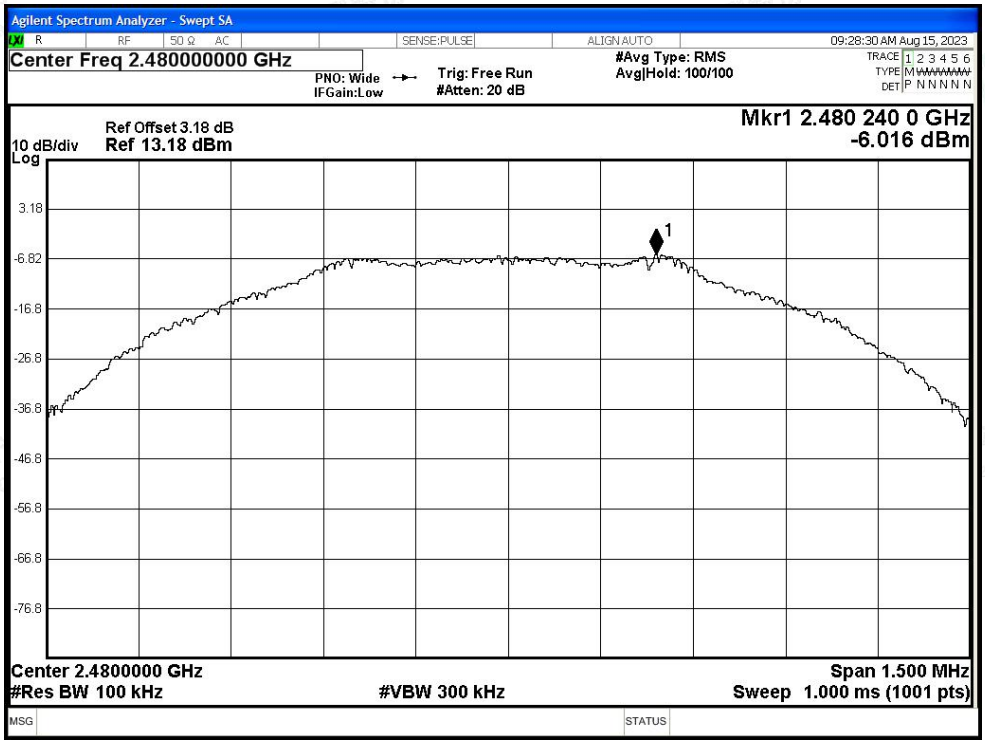
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 Ref



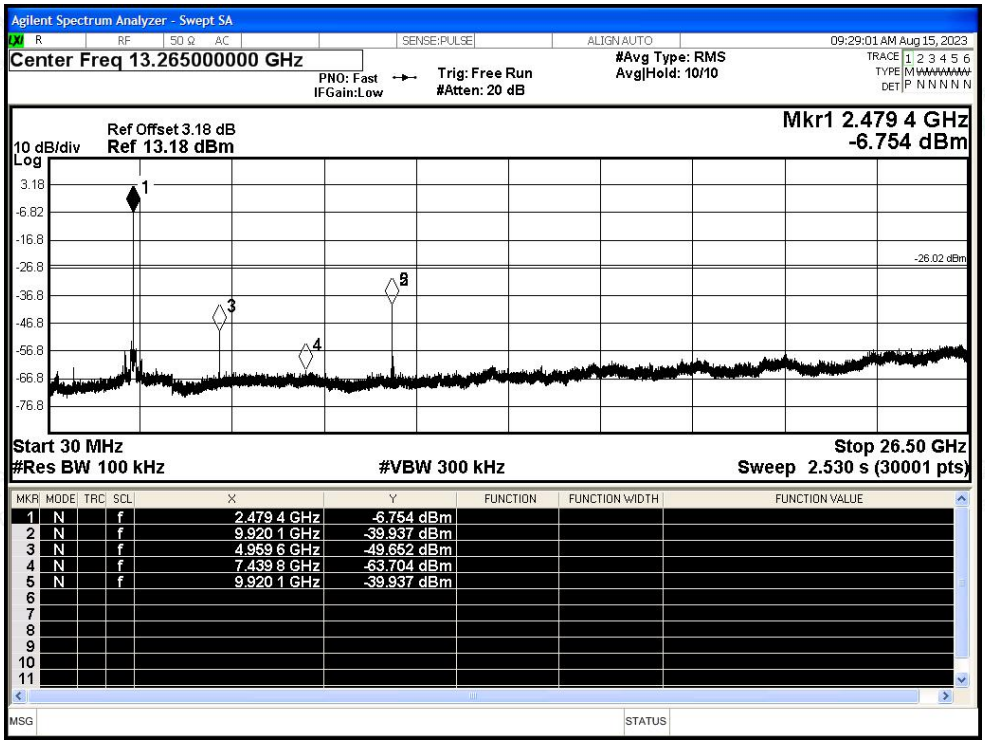
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 Emission



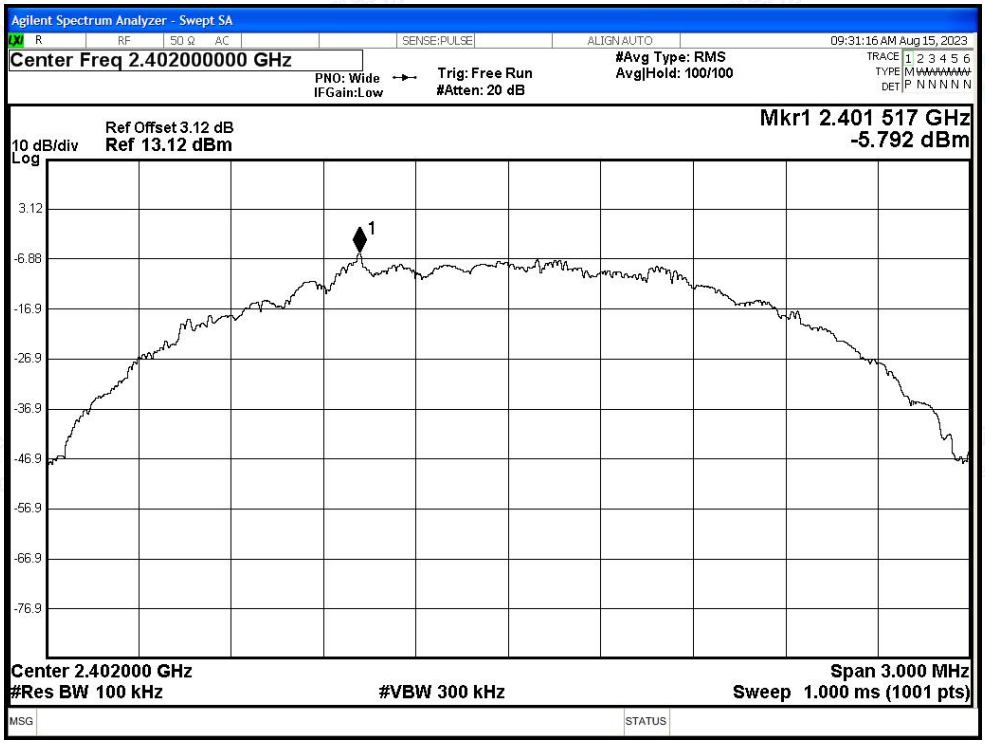
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Ref



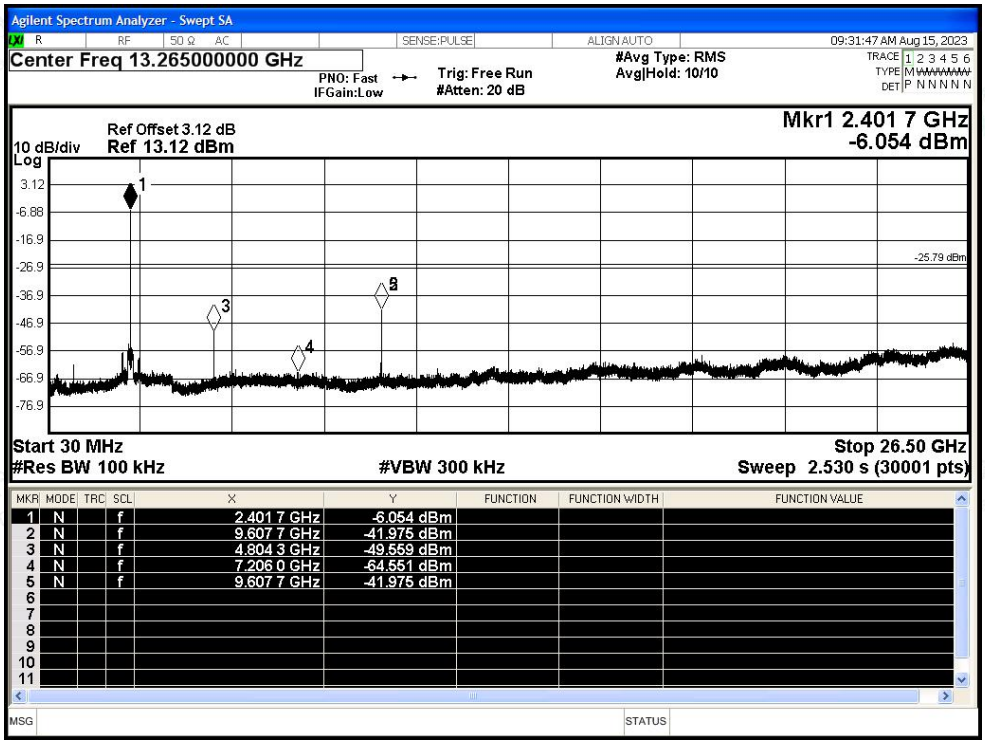
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 Emission



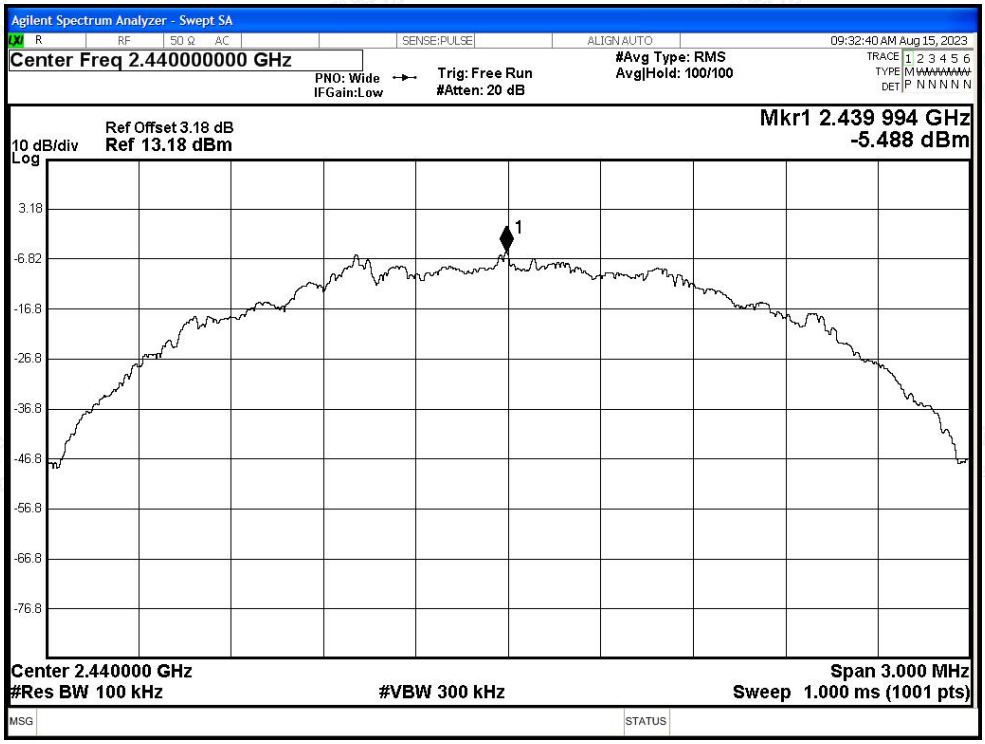
Tx. Spurious NVNT BLE 2M 2402MHz Ant1 Ref



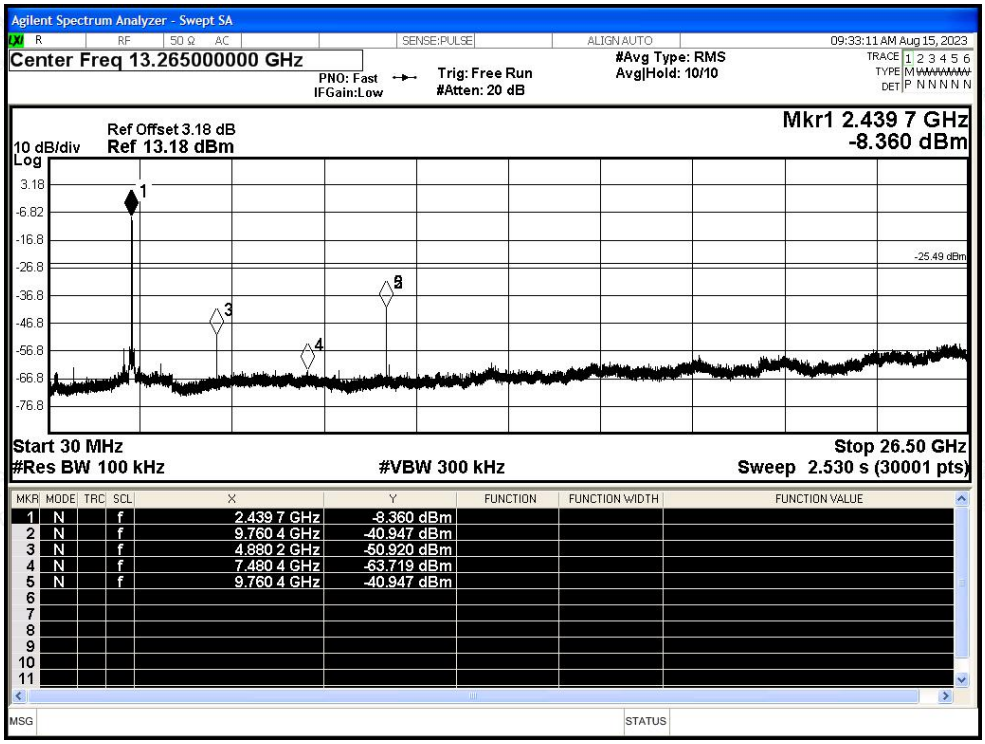
Tx. Spurious NVNT BLE 2M 2402MHz Ant1 Emission



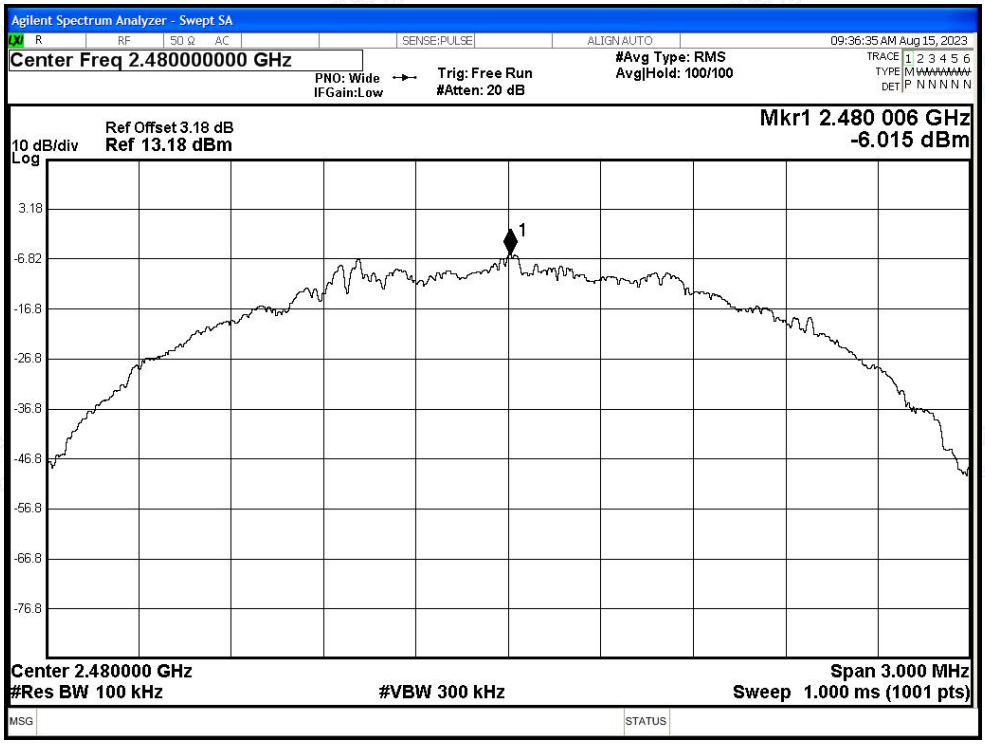
Tx. Spurious NVNT BLE 2M 2440MHz Ant1 Ref



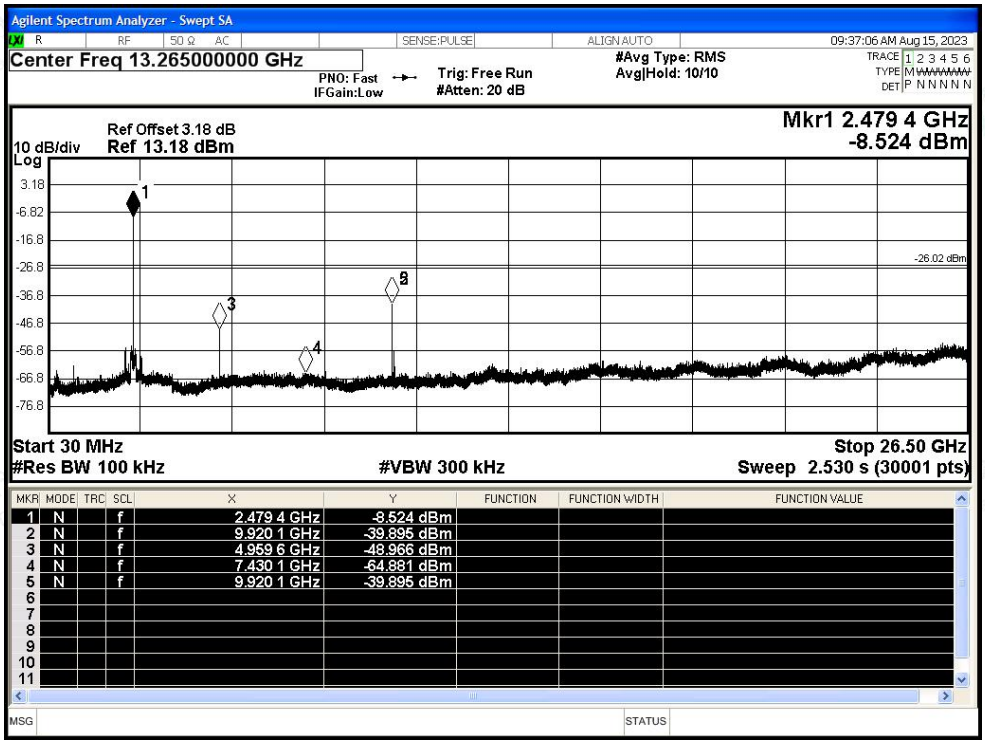
Tx. Spurious NVNT BLE 2M 2440MHz Ant1 Emission



Tx. Spurious NVNT BLE 2M 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 2M 2480MHz Ant1 Emission

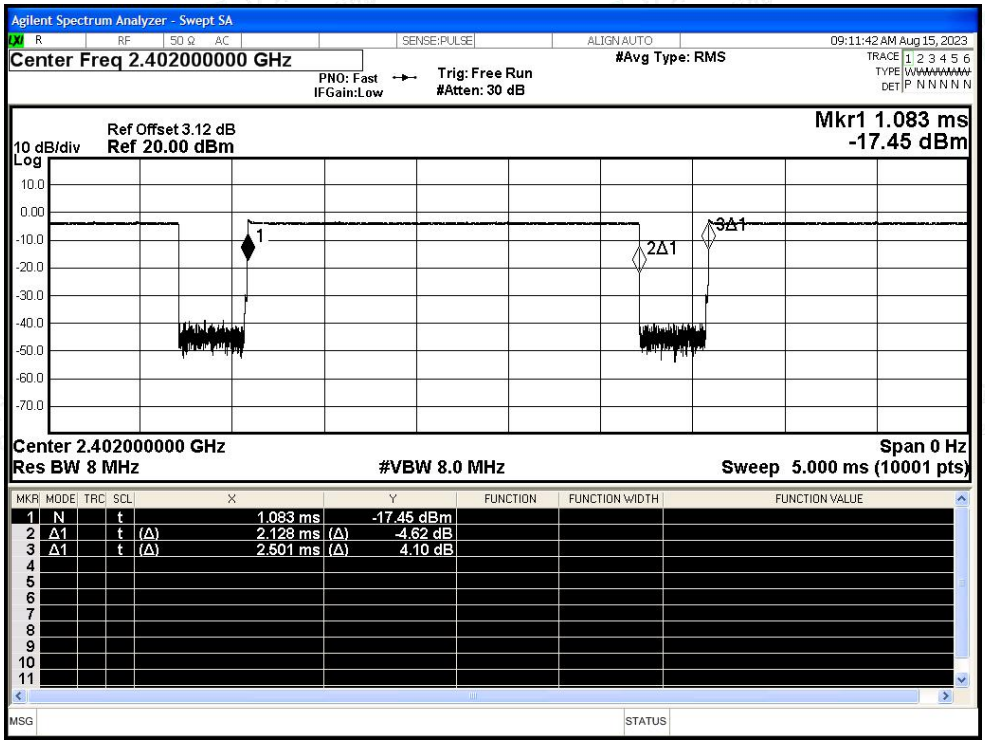


B.6 Duty Cycle

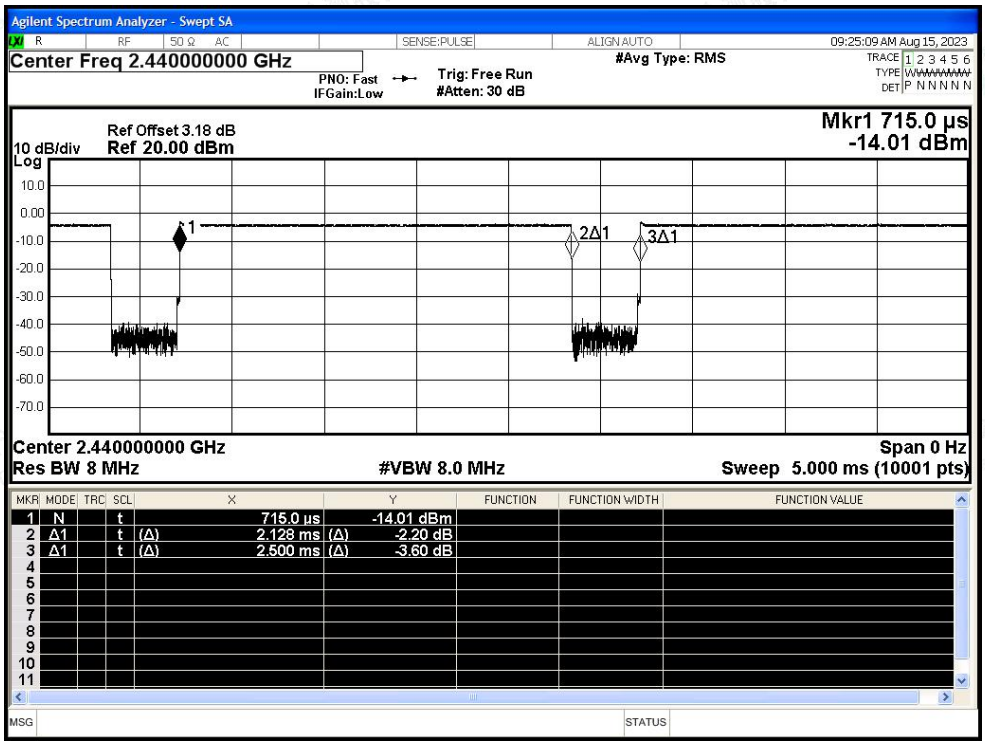
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	BLE 1M	2402	Ant1	85.1	0.7	0.47
NVNT	BLE 1M	2440	Ant1	85.1	0.7	0.47
NVNT	BLE 1M	2480	Ant1	85.1	0.7	0.47
NVNT	BLE 2M	2402	Ant1	85.88	0.66	0.93
NVNT	BLE 2M	2440	Ant1	85.88	0.66	0.93
NVNT	BLE 2M	2480	Ant1	85.89	0.66	0.93

Test Graphs

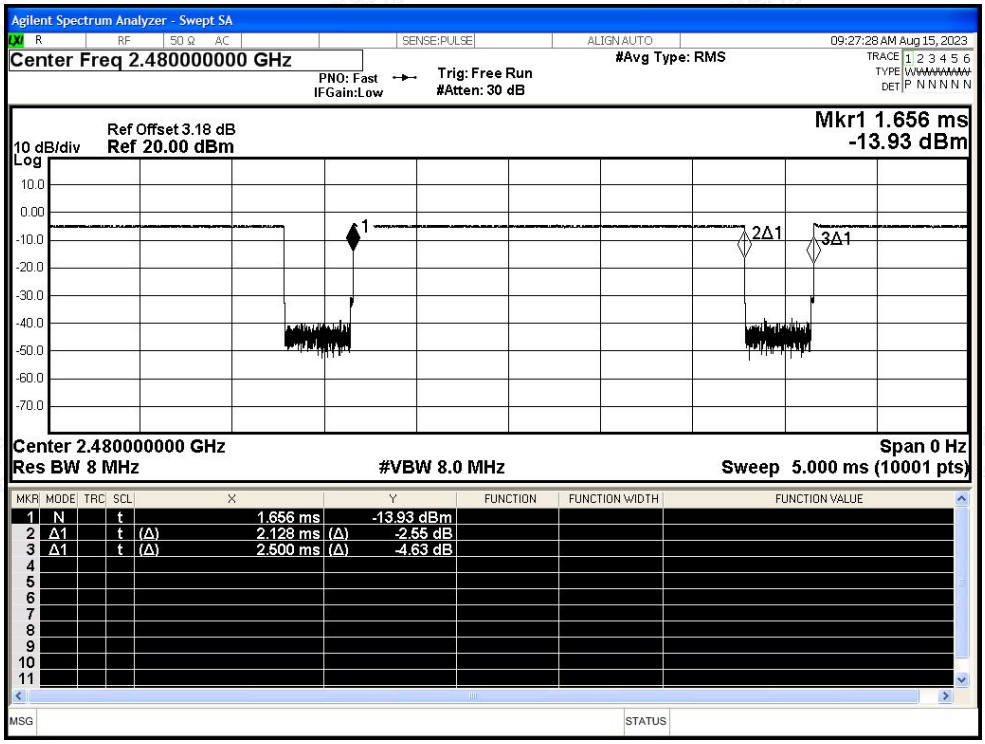
Duty Cycle NVNT BLE 1M 2402MHz Ant1



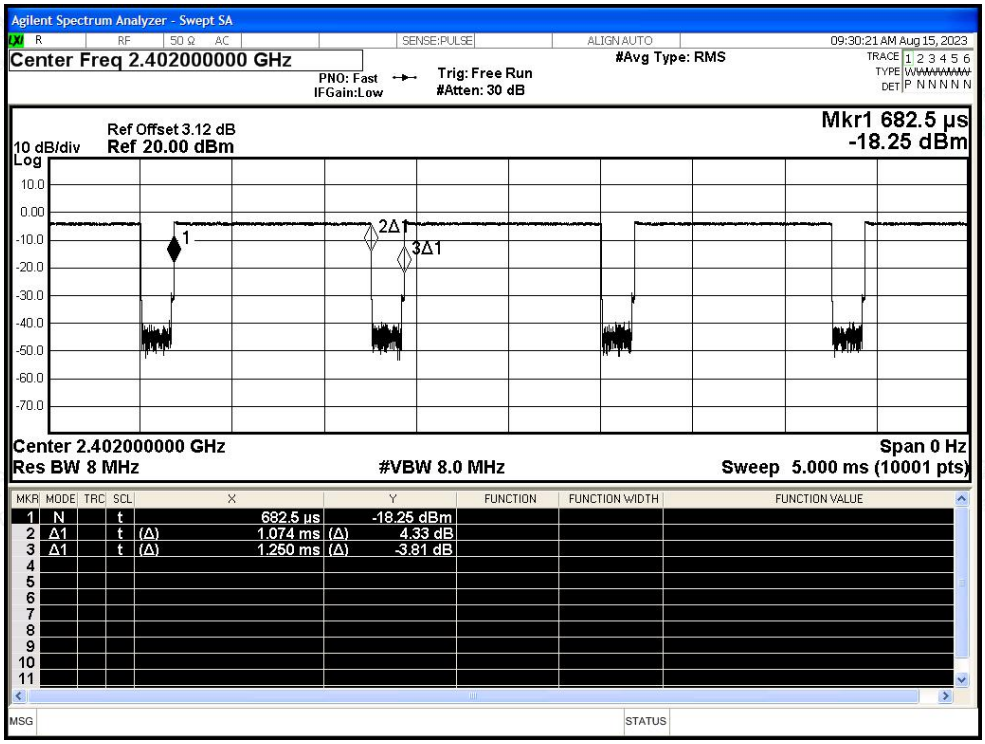
Duty Cycle NVNT BLE 1M 2440MHz Ant1



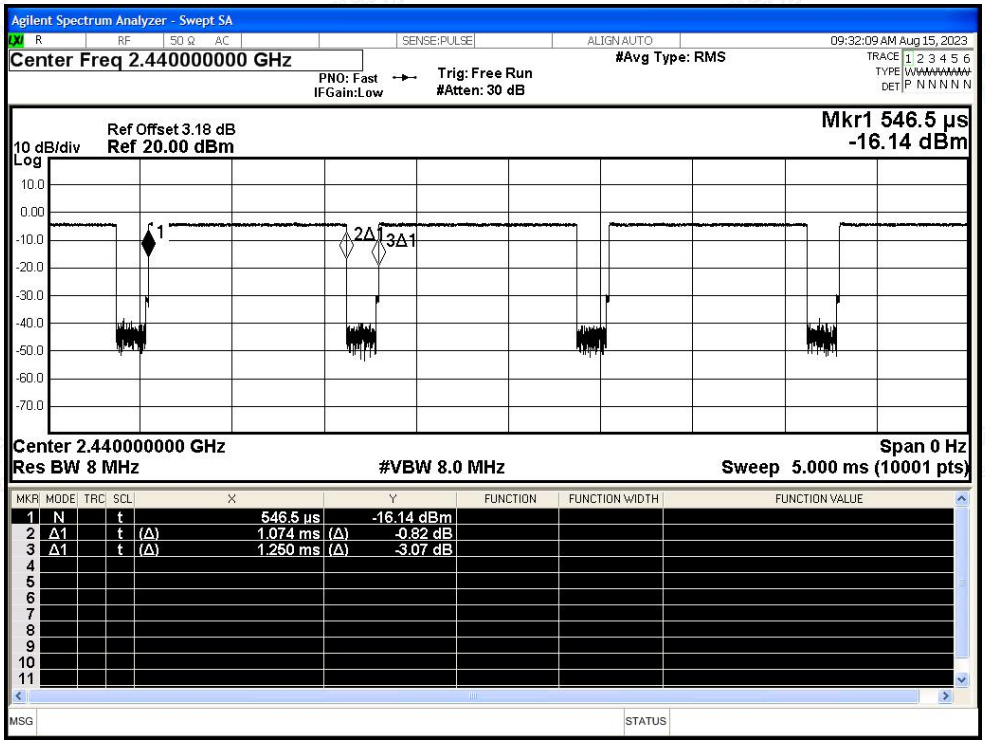
Duty Cycle NVNT BLE 1M 2480MHz Ant1



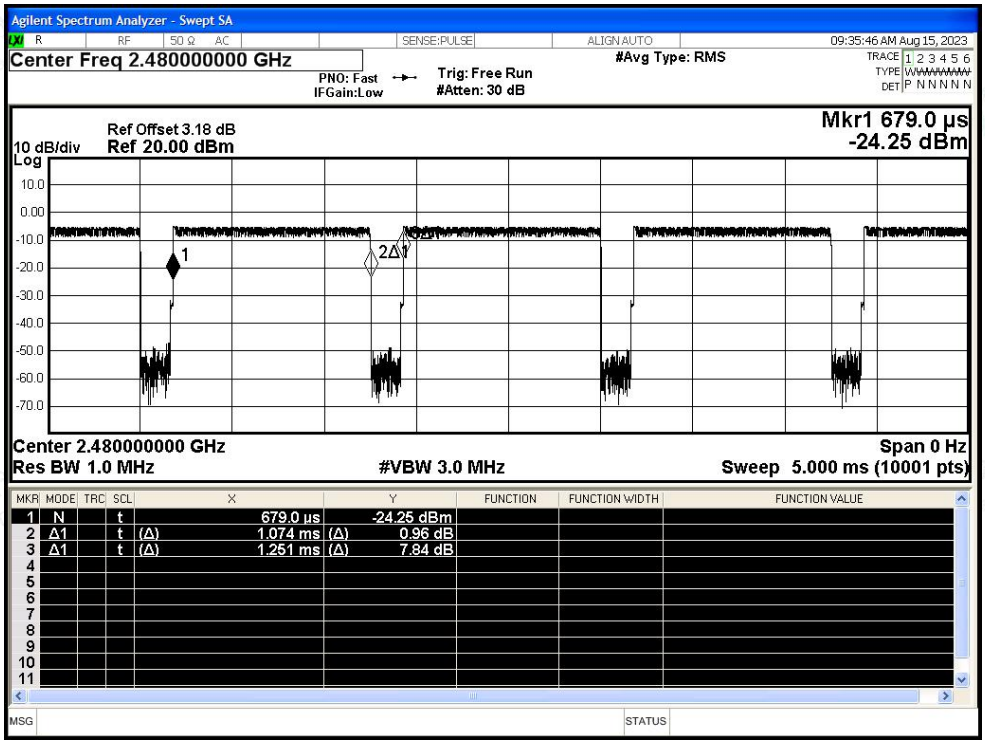
Duty Cycle NVNT BLE 2M 2402MHz Ant1



Duty Cycle NVNT BLE 2M 2440MHz Ant1



Duty Cycle NVNT BLE 2M 2480MHz Ant1

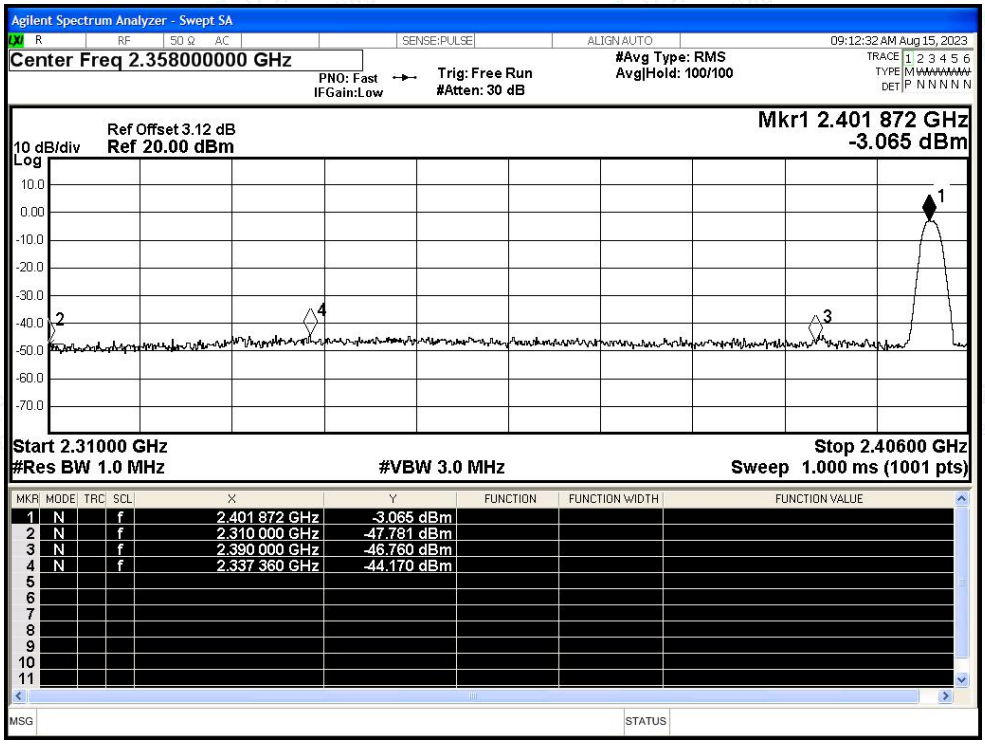


B.7 Restrict Band

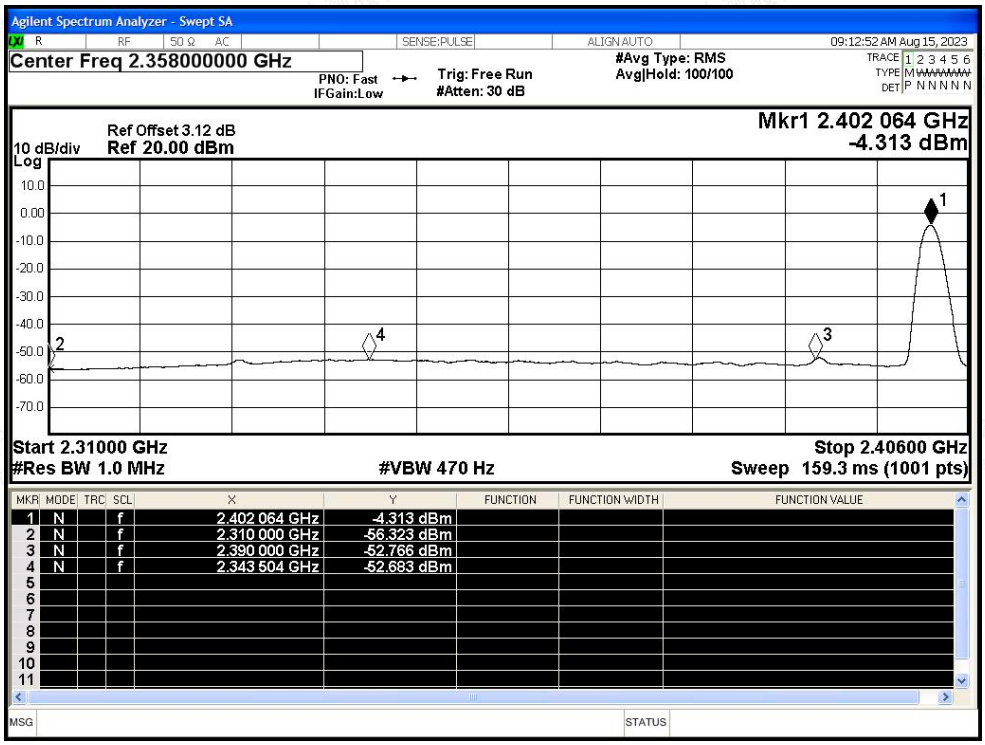
Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	BLE 1M	2402	Ant1	2310	-47.78	2.15	49.63	Peak	74	Pass
NVNT	BLE 1M	2402	Ant1	2310	-56.32	2.15	41.09	Average	54	Pass
NVNT	BLE 1M	2402	Ant1	2337.36	-44.17	2.15	53.24	Peak	74	Pass
NVNT	BLE 1M	2402	Ant1	2343.504	-52.68	2.15	44.73	Average	54	Pass
NVNT	BLE 1M	2402	Ant1	2390	-46.76	2.15	50.65	Peak	74	Pass
NVNT	BLE 1M	2402	Ant1	2390	-52.77	2.15	44.64	Average	54	Pass
NVNT	BLE 1M	2480	Ant1	2483.5	-47.35	2.15	50.06	Peak	74	Pass
NVNT	BLE 1M	2480	Ant1	2483.5	-54.62	2.15	42.79	Average	54	Pass
NVNT	BLE 1M	2480	Ant1	2491.6	-44.52	2.15	52.89	Peak	74	Pass
NVNT	BLE 1M	2480	Ant1	2491.576	-52.19	2.15	45.22	Average	54	Pass
NVNT	BLE 1M	2480	Ant1	2500	-48.12	2.15	49.29	Peak	74	Pass
NVNT	BLE 1M	2480	Ant1	2500	-54.81	2.15	42.60	Average	54	Pass
NVNT	BLE 2M	2402	Ant1	2310	-49.79	2.15	47.62	Peak	74	Pass
NVNT	BLE 2M	2402	Ant1	2310	-56.18	2.15	41.23	Average	54	Pass
NVNT	BLE 2M	2402	Ant1	2379.984	-44.39	2.15	53.02	Peak	74	Pass
NVNT	BLE 2M	2402	Ant1	2343.6	-52.47	2.15	44.94	Average	54	Pass
NVNT	BLE 2M	2402	Ant1	2390	-46.58	2.15	50.83	Peak	74	Pass
NVNT	BLE 2M	2402	Ant1	2390	-52.57	2.15	44.84	Average	54	Pass
NVNT	BLE 2M	2480	Ant1	2483.5	-45.79	2.15	51.62	Peak	74	Pass
NVNT	BLE 2M	2480	Ant1	2483.5	-52.8	2.15	44.61	Average	54	Pass
NVNT	BLE 2M	2480	Ant1	2491.552	-43.75	2.15	53.66	Peak	74	Pass
NVNT	BLE 2M	2480	Ant1	2491.36	-52.53	2.15	44.88	Average	54	Pass
NVNT	BLE 2M	2480	Ant1	2500	-47.31	2.15	50.10	Peak	74	Pass
NVNT	BLE 2M	2480	Ant1	2500	-54.53	2.15	42.88	Average	54	Pass

Test Graphs

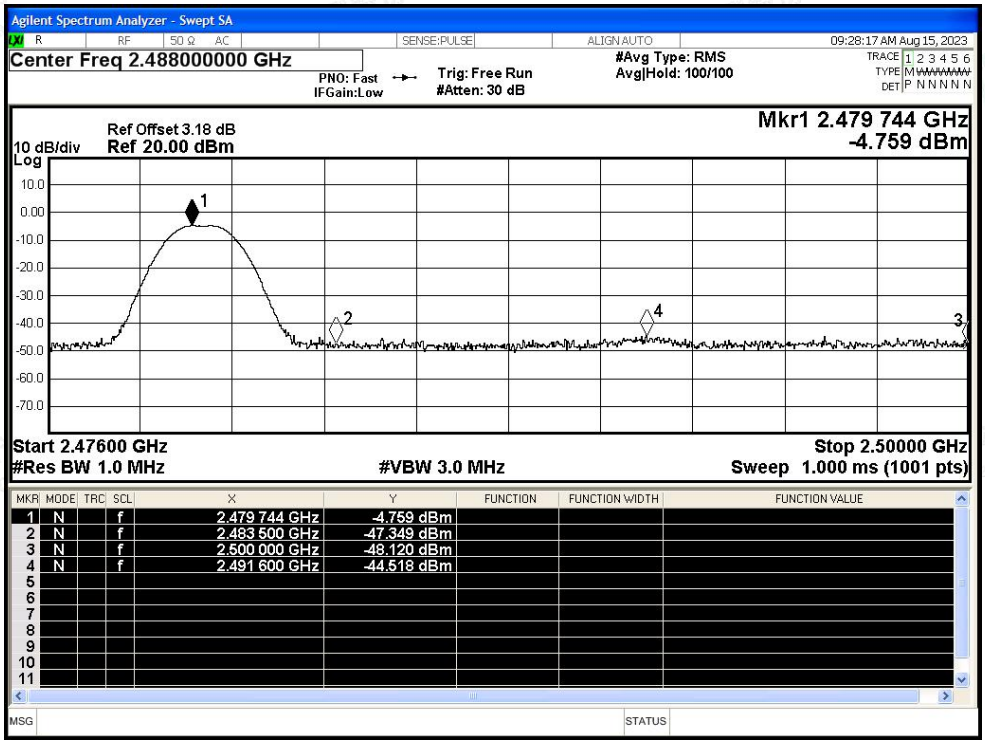
Restrict Band NVNT BLE 1M 2402MHz Ant1 Peak



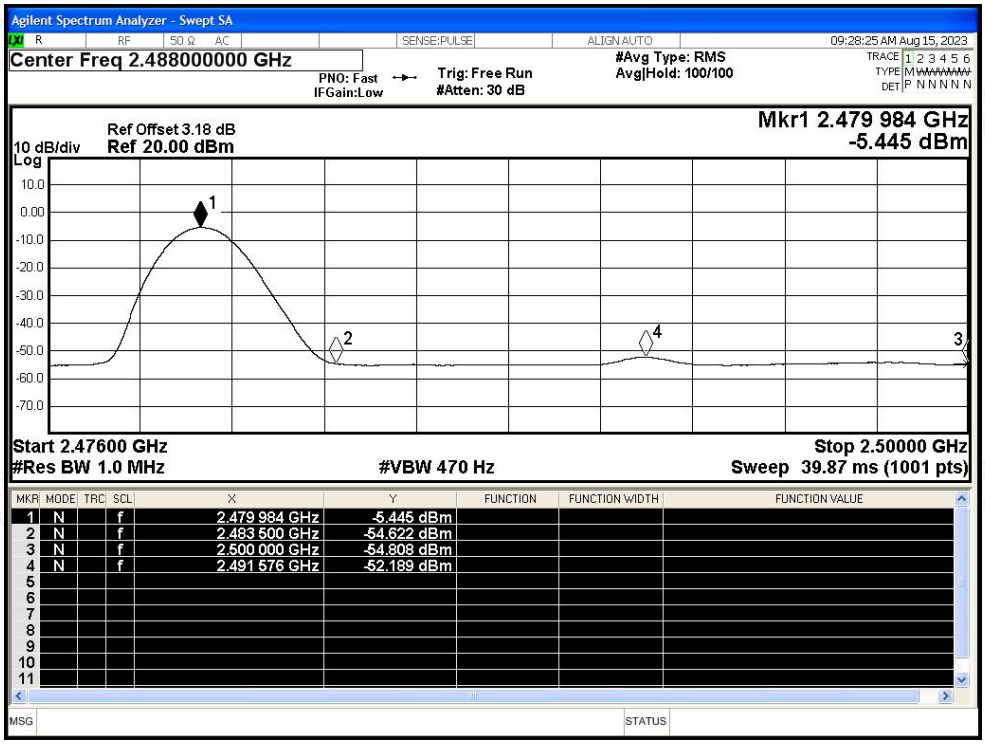
Restrict Band NVNT BLE 1M 2402MHz Ant1 Average



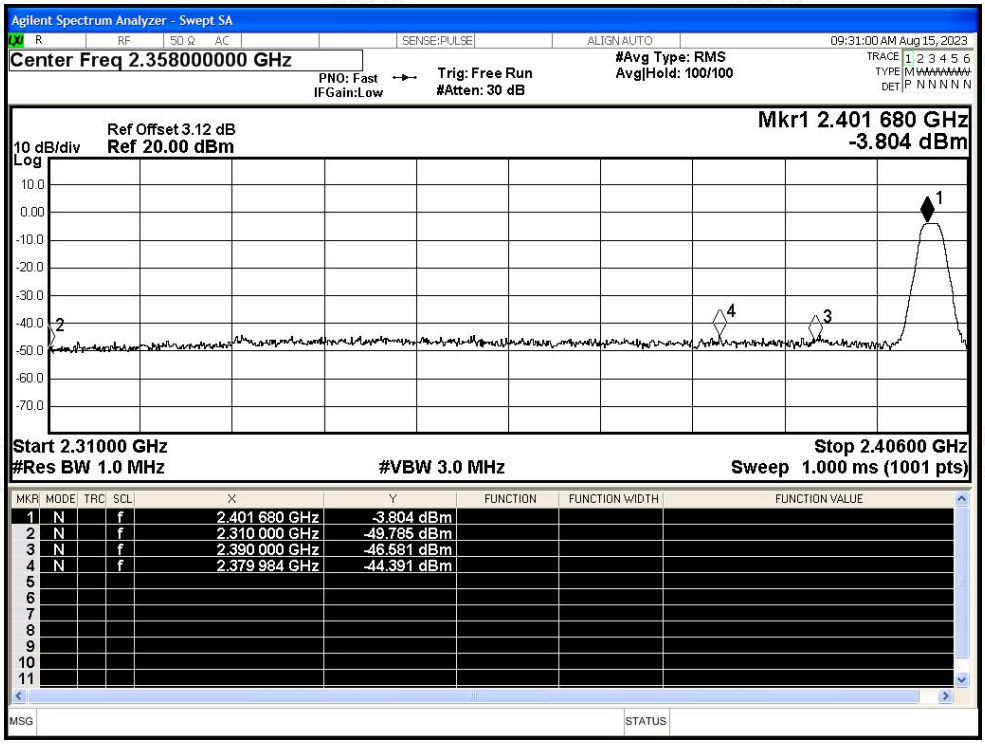
Restrict Band NVNT BLE 1M 2480MHz Ant1 Peak



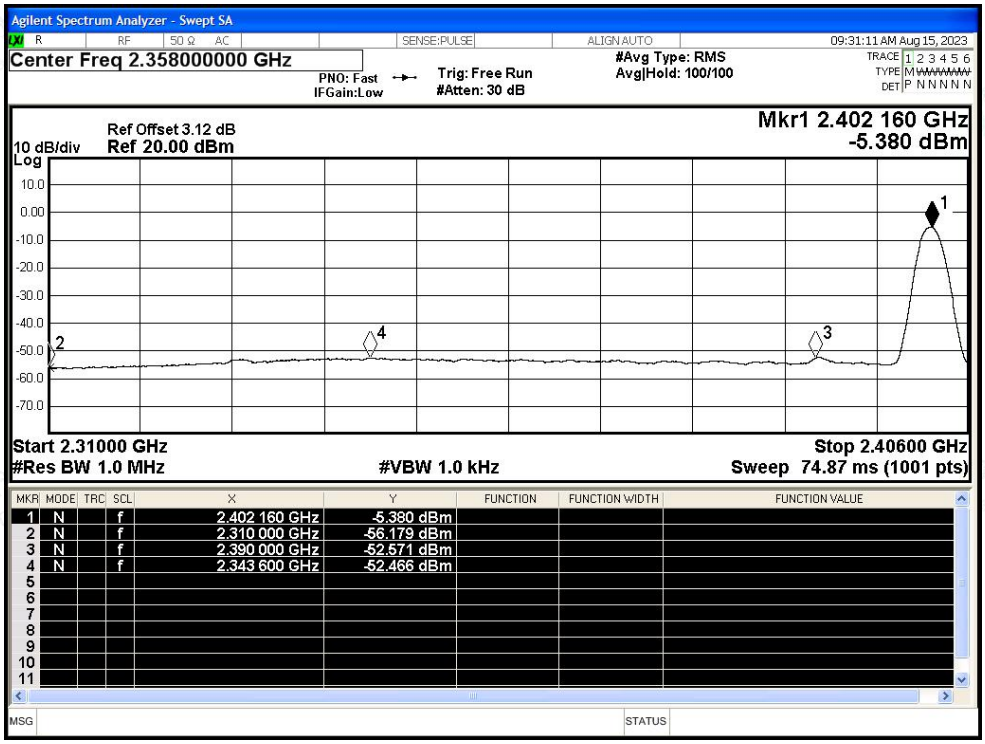
Restrict Band NVNT BLE 1M 2480MHz Ant1 Average



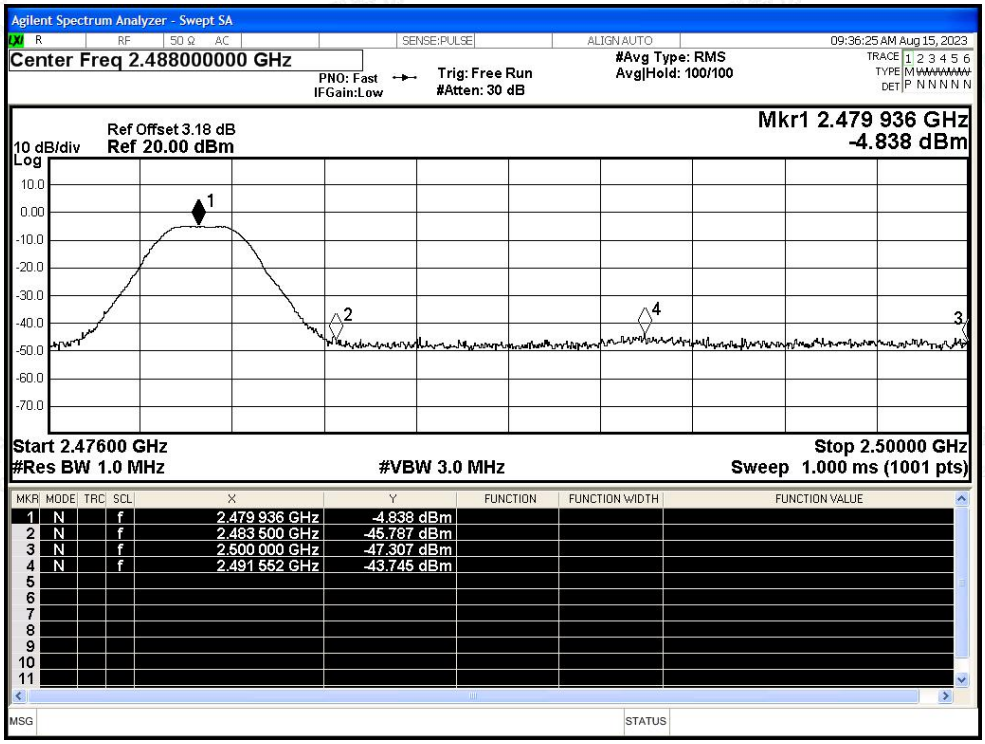
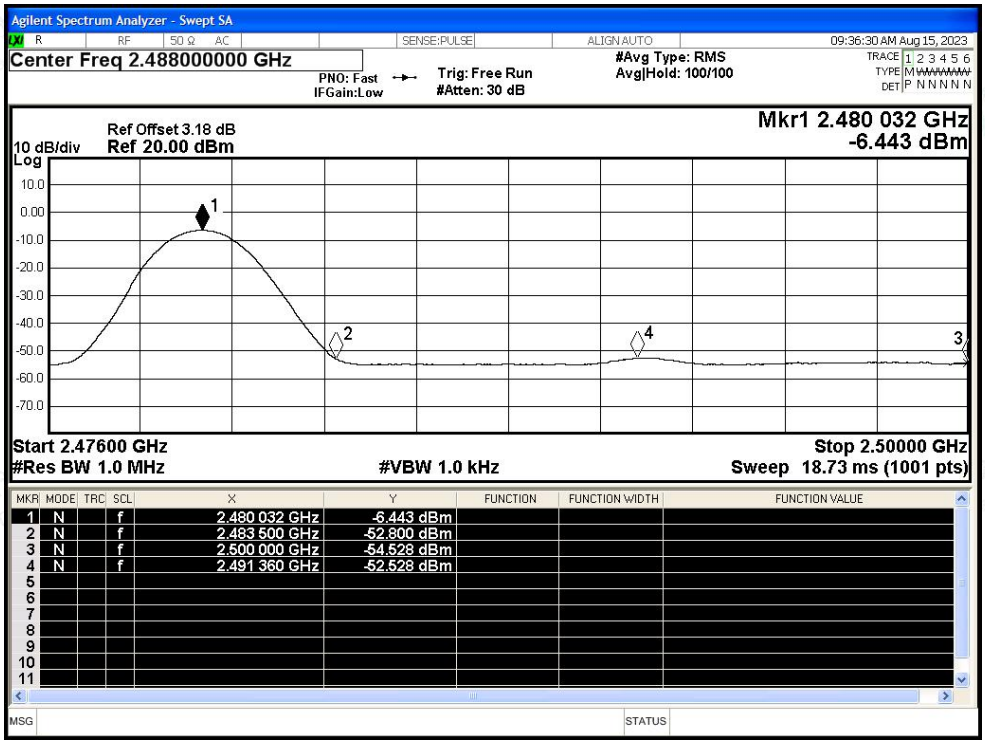
Restrict Band NVNT BLE 2M 2402MHz Ant1 Peak



Restrict Band NVNT BLE 2M 2402MHz Ant1 Average



Restrict Band NVNT BLE 2M 2480MHz Ant1 Peak



Restrict Band NVNT BLE 2M 2480MHz Ant1 Average