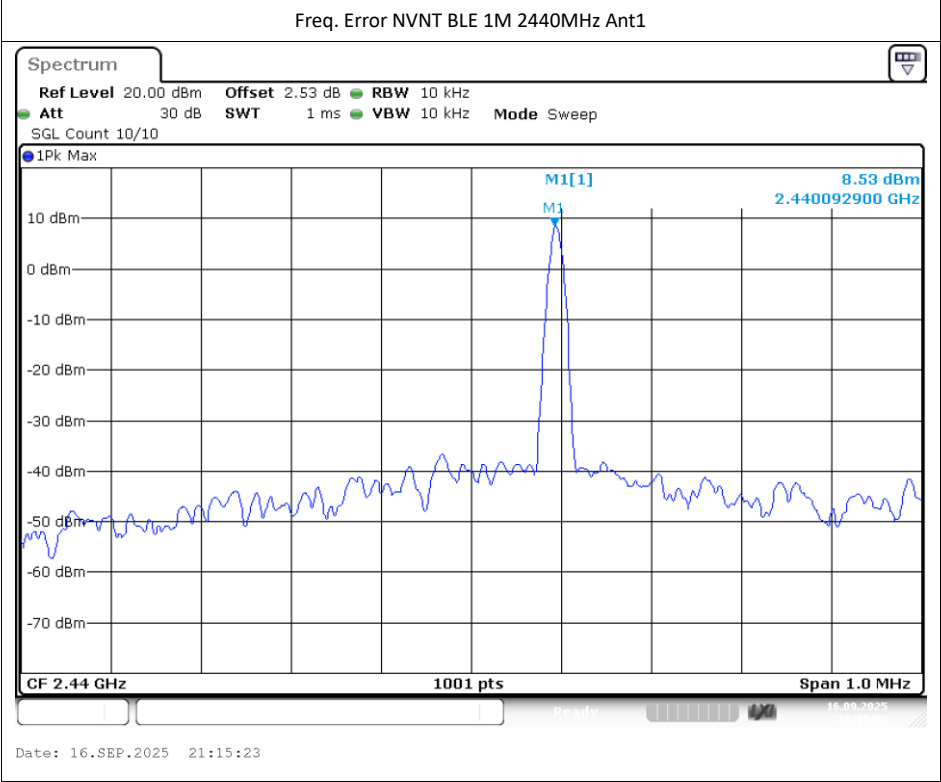
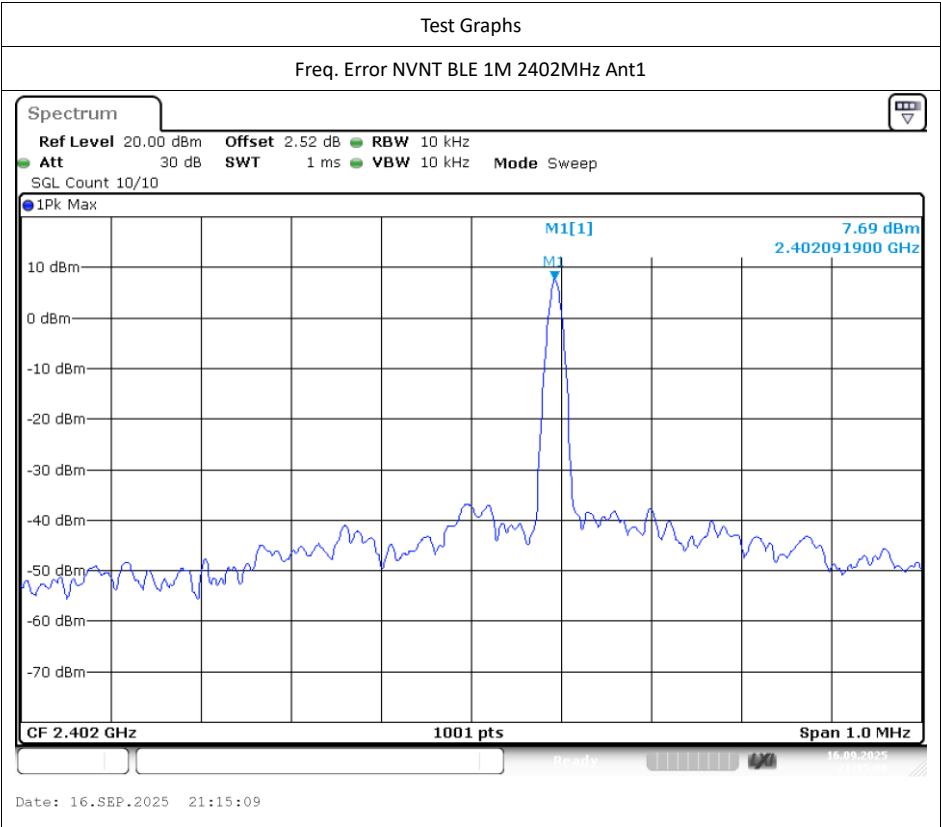
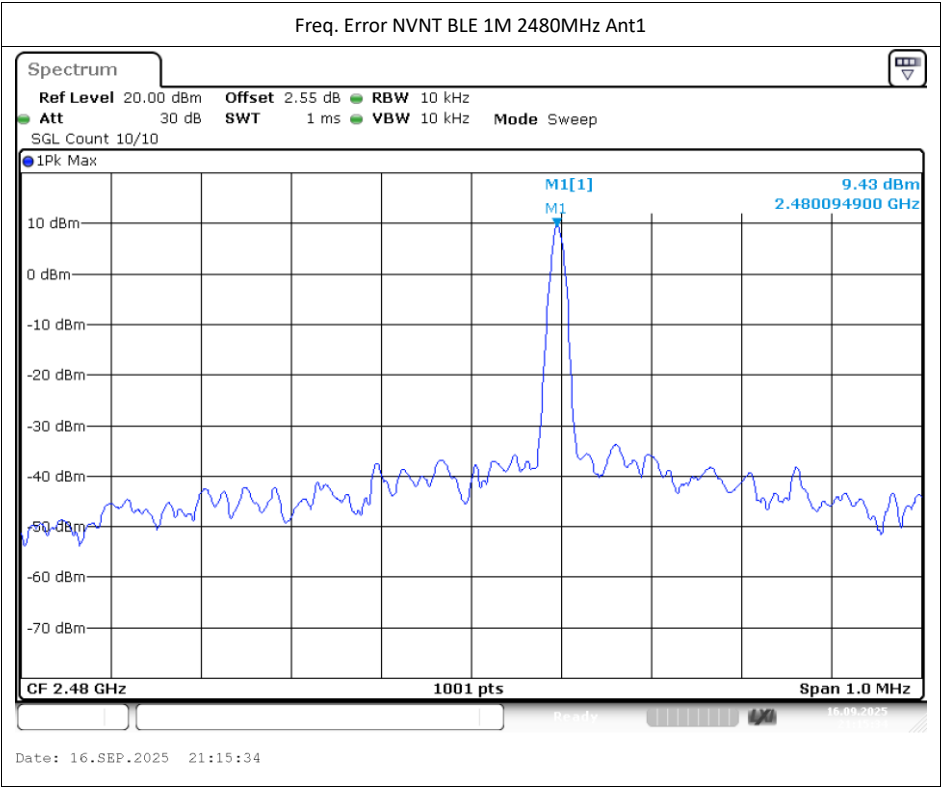


Frequency Error

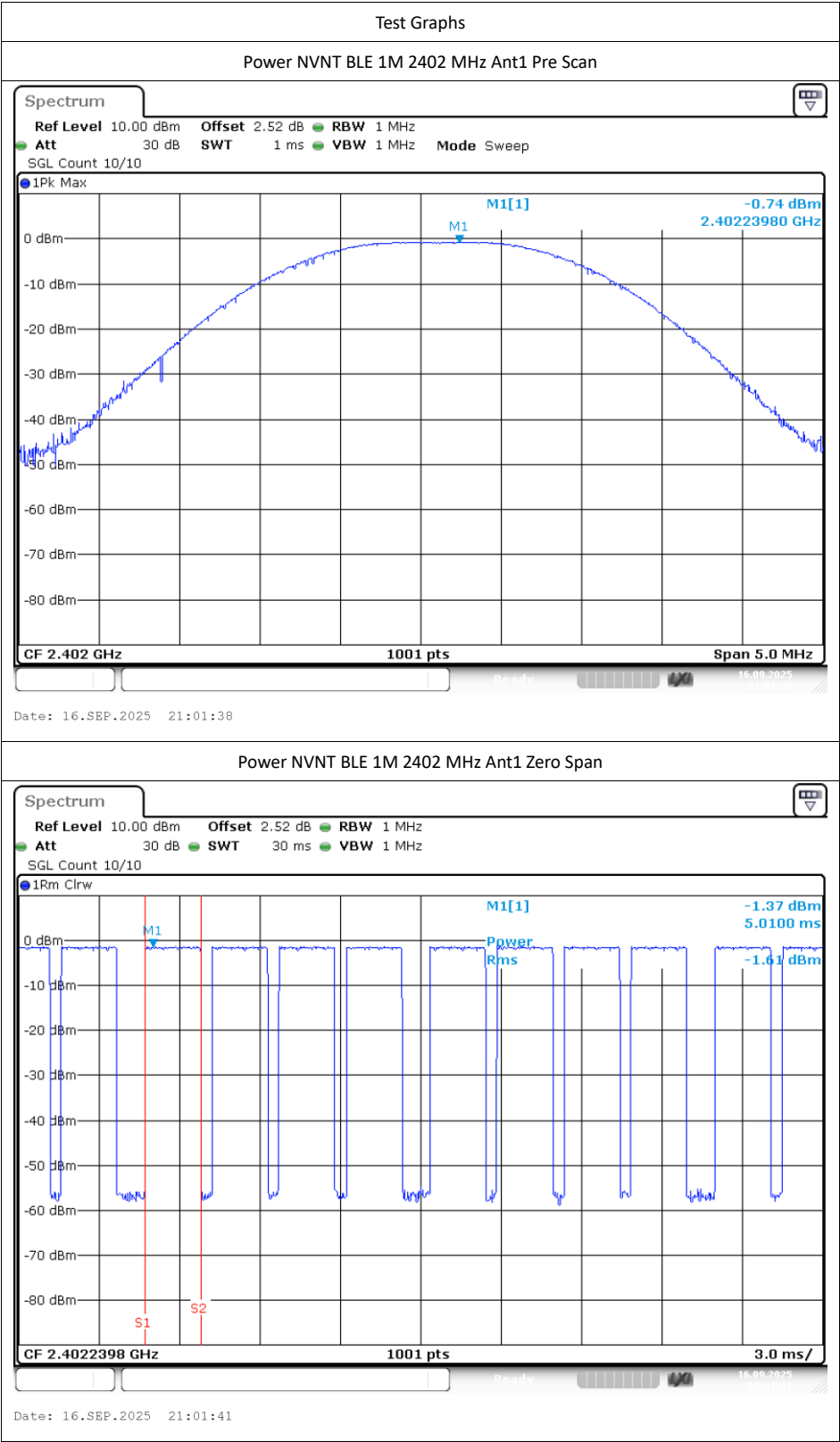
Condition	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	2402	Ant1	2402.0919	91900	38.26	50	Pass
NVNT	2440	Ant1	2440.0929	92900	38.07	50	Pass
NVNT	2480	Ant1	2480.0949	94900	38.27	50	Pass

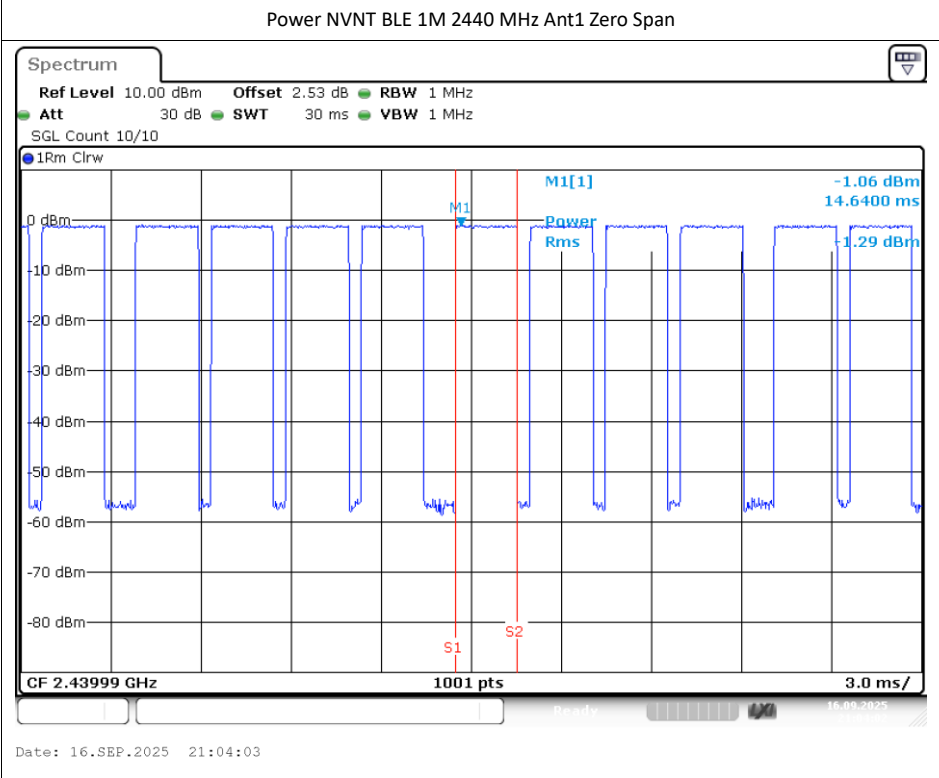
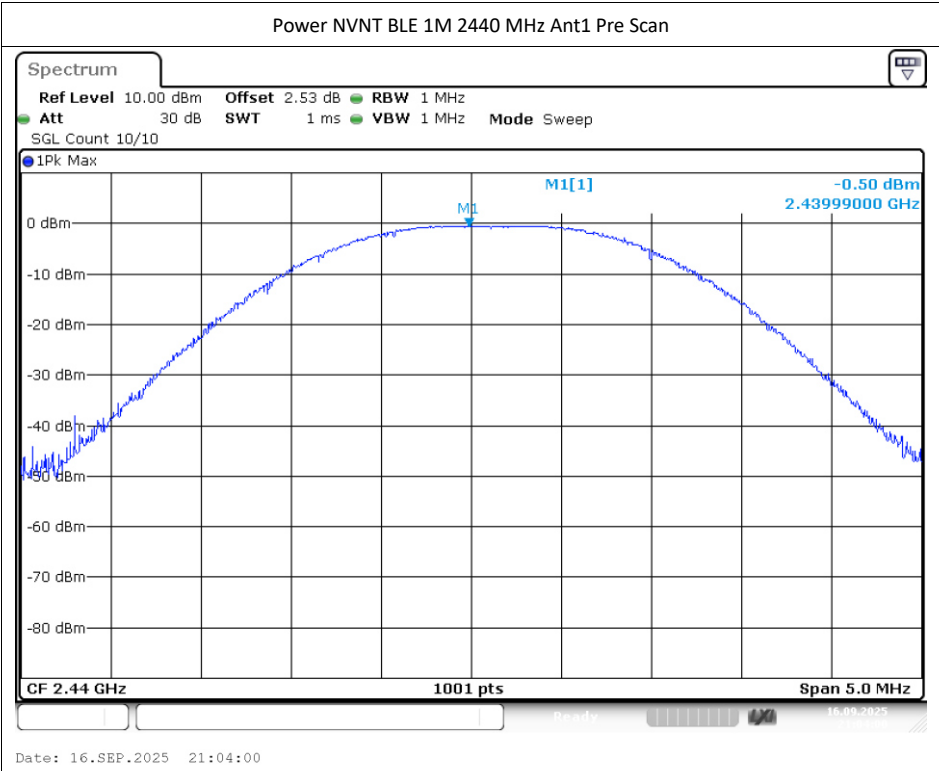


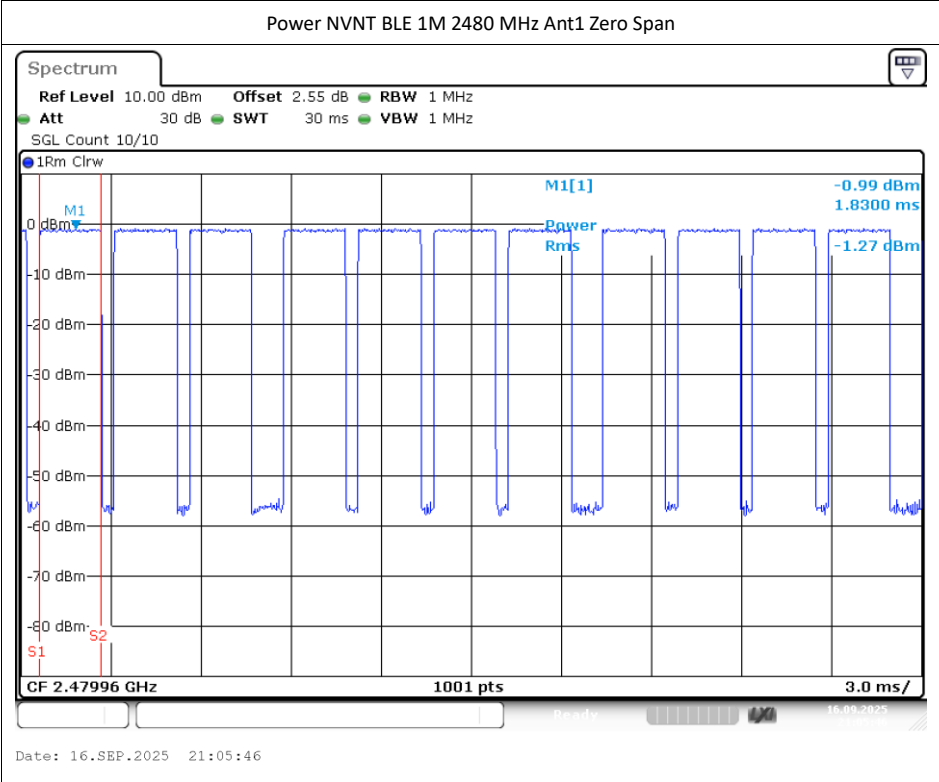
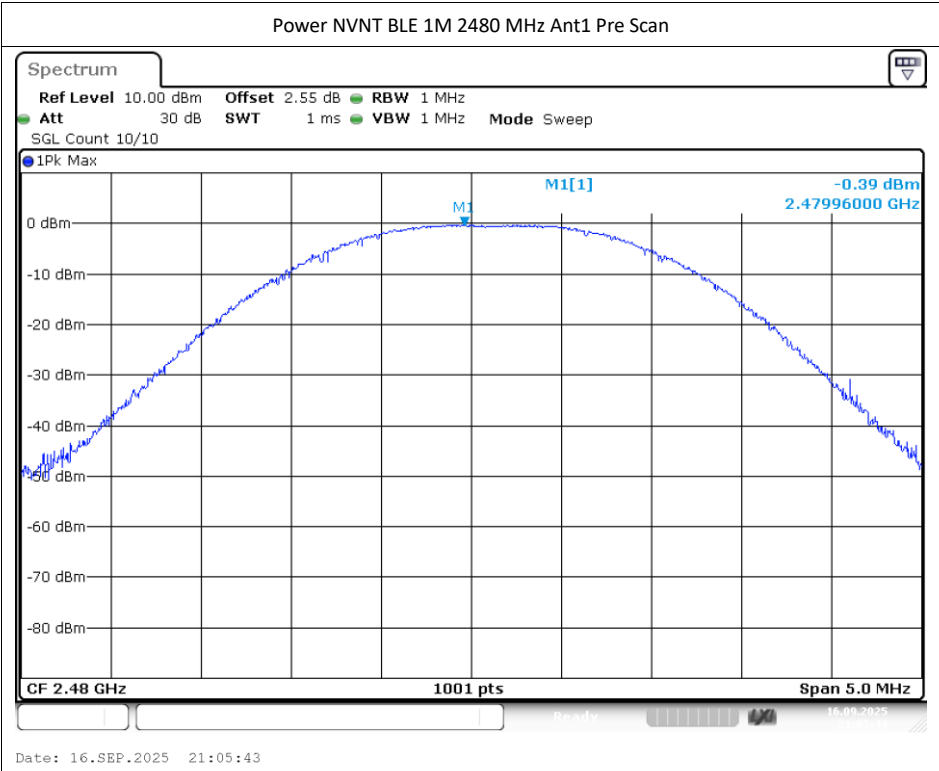


Antenna Power

Condition	Mode	Frequency (MHz)	Antenna	Power (dBm)	Antenna Power (mW)	Limit (mW)	Declared Power (mW)	Tolerance (%)	Upper Limit (%)	Verdict
NVNT	BLE 1M	2402	Ant1	-1.61	0.69	10	1	-31	20	Pass
NVNT	BLE 1M	2440	Ant1	-1.29	0.744	10	1	-25.6	20	Pass
NVNT	BLE 1M	2480	Ant1	-1.27	0.746	10	1	-25.4	20	Pass







EIRP Power

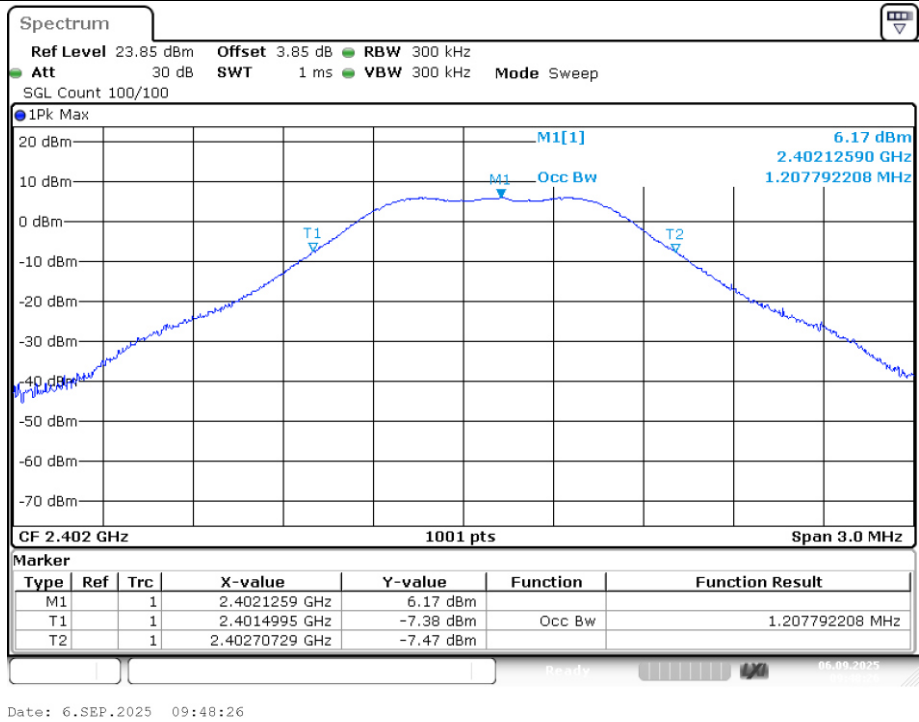
Condition	Mode	Frequency (MHz)	Antenna	Antenna Power (dBm)	Gain (dBi)	EIRP Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	-1.61	1.33	-0.28	12.14	Pass
NVNT	BLE 1M	2440	Ant1	-1.28	1.33	0.04	12.14	Pass
NVNT	BLE 1M	2480	Ant1	-1.27	1.33	0.06	12.14	Pass

Occupied Channel Bandwidth

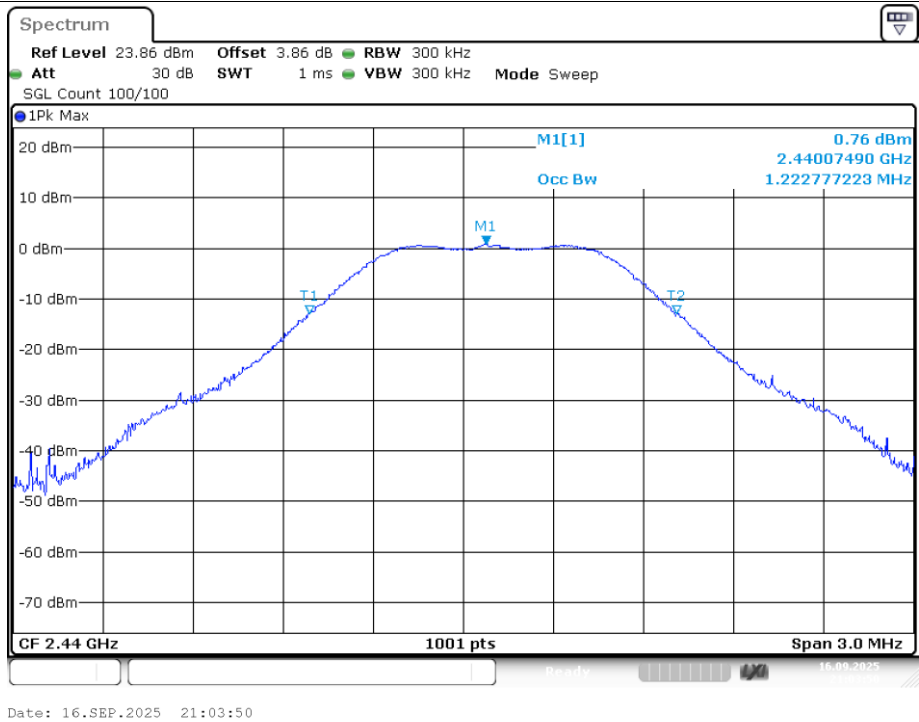
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	Lower Limit (MHz)	Upper Limit (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	1.208	N/A	26	Pass
NVNT	BLE 1M	2440	Ant1	1.223	N/A	26	Pass
NVNT	BLE 1M	2480	Ant1	1.22	N/A	26	Pass

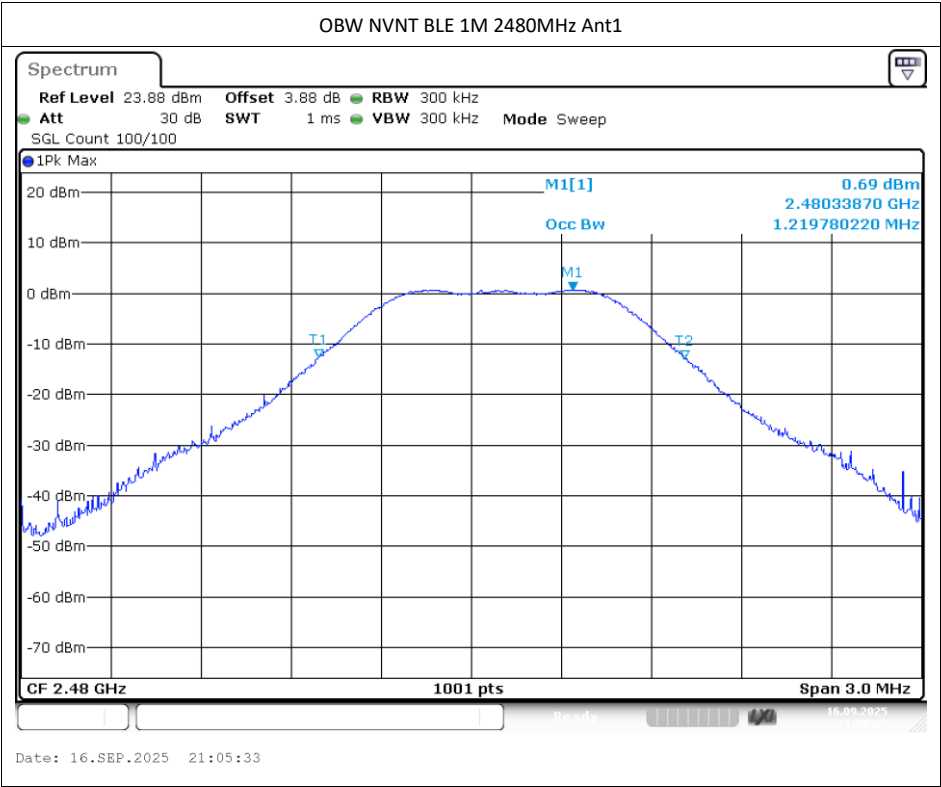
Test Graphs

OBW NVNT BLE 1M 2402MHz Ant1



OBW NVNT BLE 1M 2440MHz Ant1



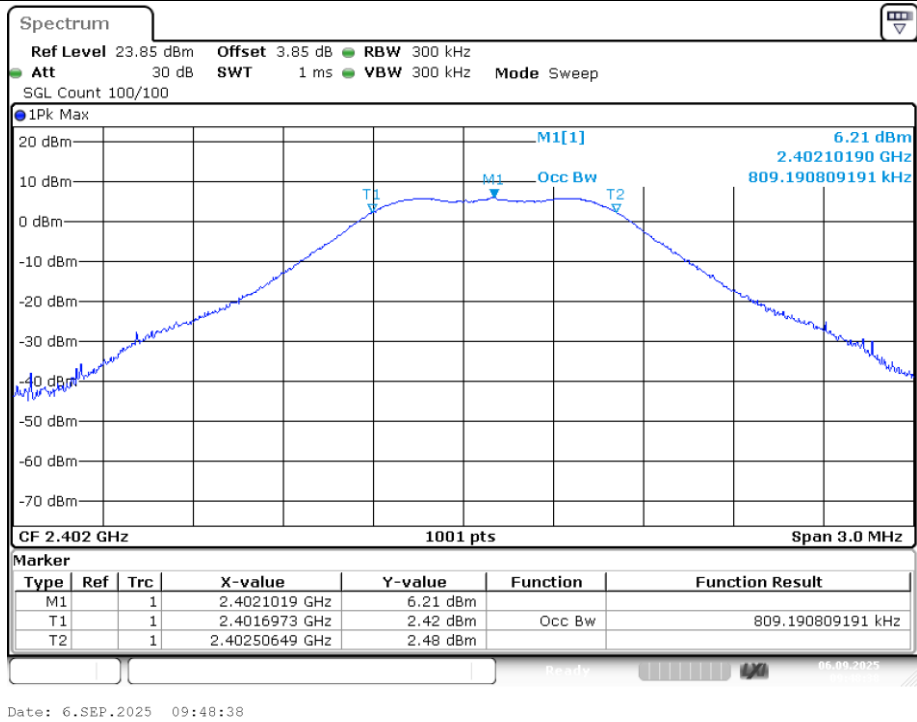


Spreading Bandwidth

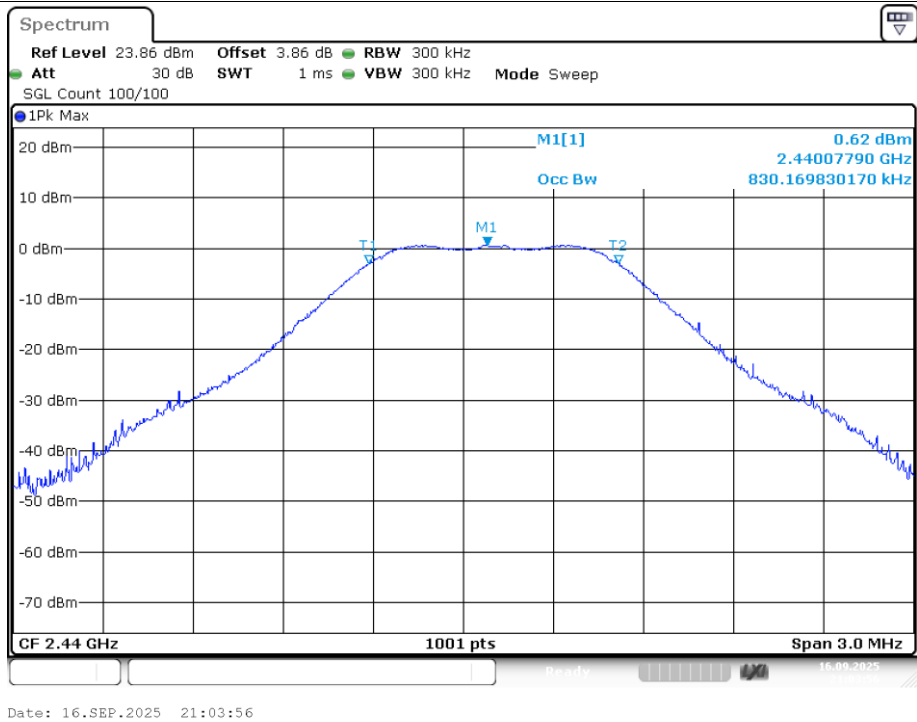
Condition	Mode	Frequency (MHz)	Antenna	90% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	0.809
NVNT	BLE 1M	2440	Ant1	0.83
NVNT	BLE 1M	2480	Ant1	0.827

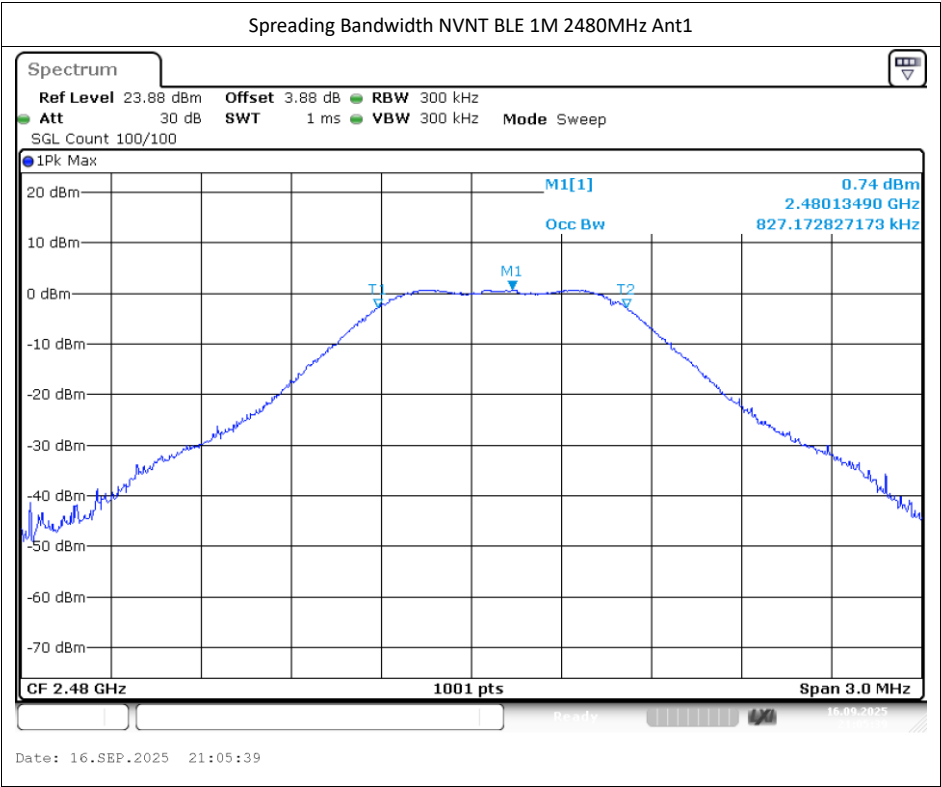
Test Graphs

Spreading Bandwidth NVNT BLE 1M 2402MHz Ant1



Spreading Bandwidth NVNT BLE 1M 2440MHz Ant1



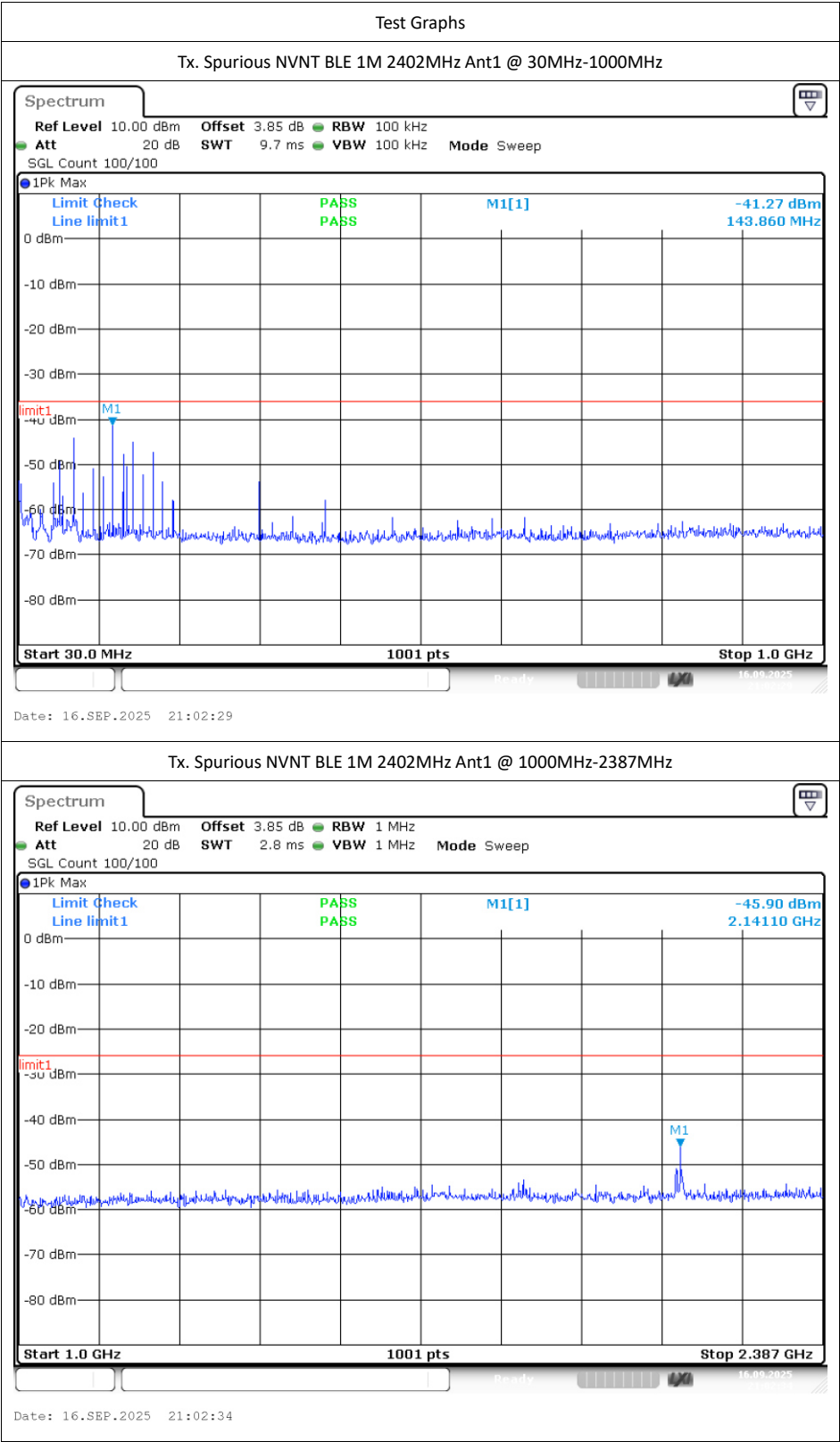


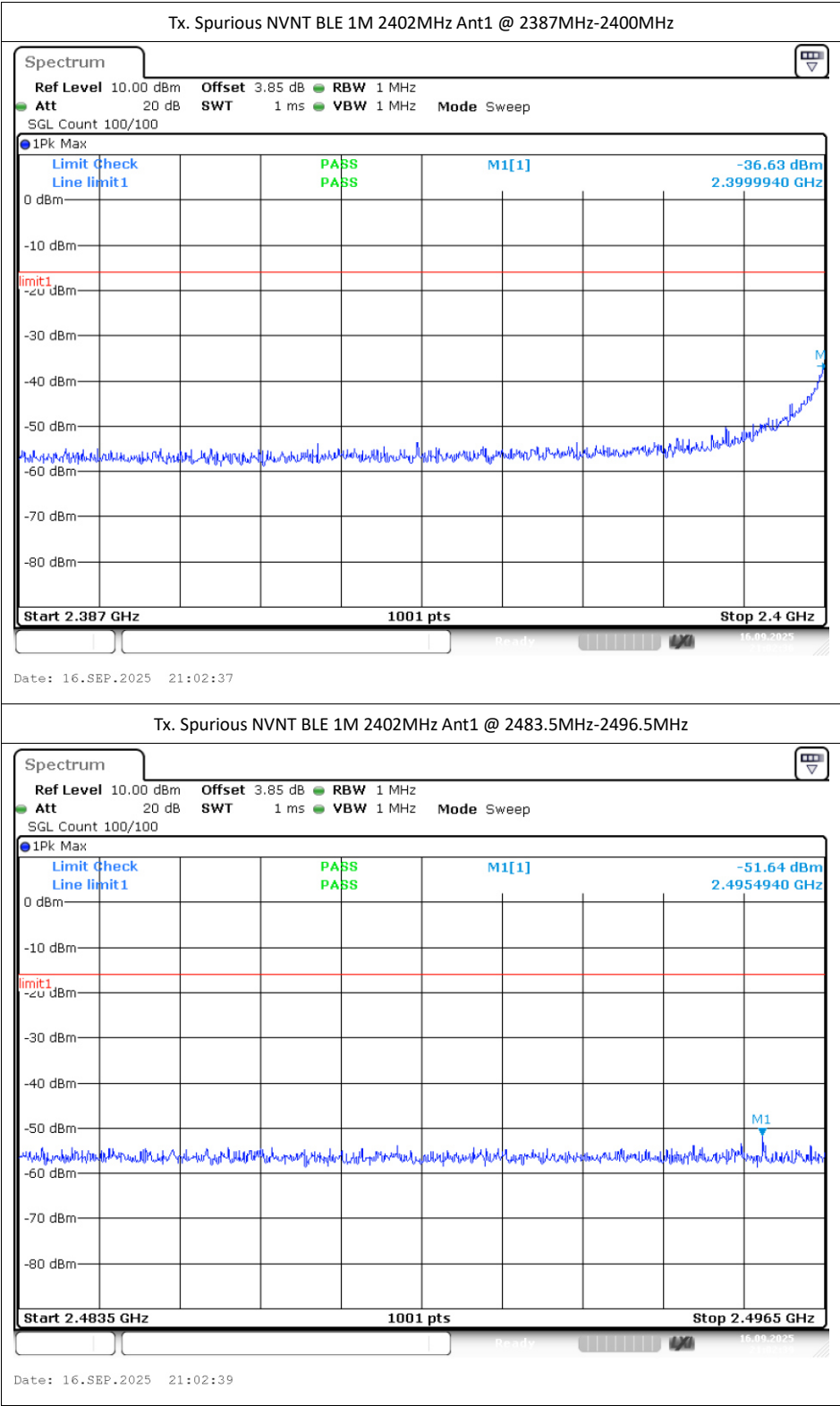
Tx Spurious Emission

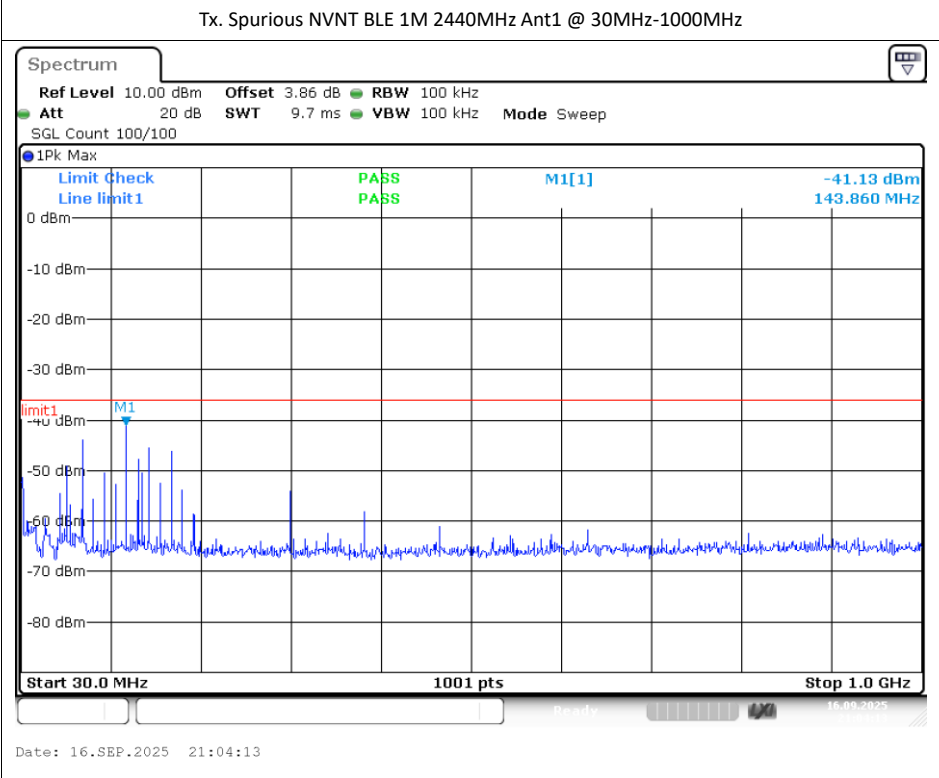
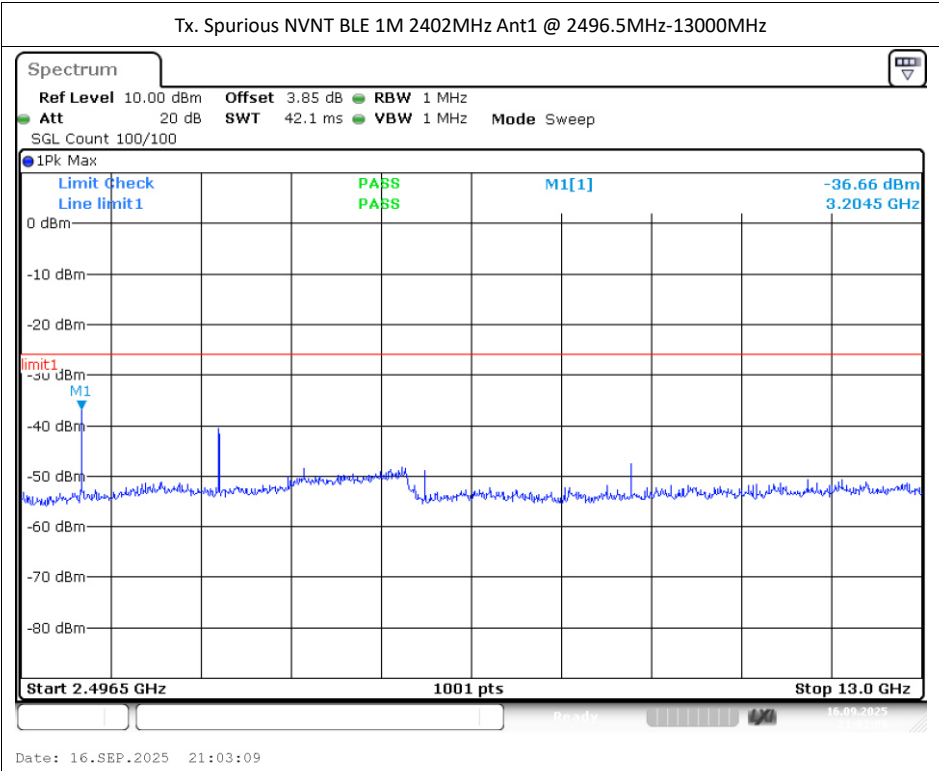
Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Value (dBm/100kHz)	Limit Start(dBm/100kHz)	Limit Stop (dBm/100kHz)	Verdict
NVNT	BLE 1M	2402	Ant1	30-1000	143.86	-41.27	-36	-36	Pass
NVNT	BLE 1M	2440	Ant1	30-1000	143.86	-41.13	-36	-36	Pass
NVNT	BLE 1M	2480	Ant1	30-1000	143.86	-41.04	-36	-36	Pass

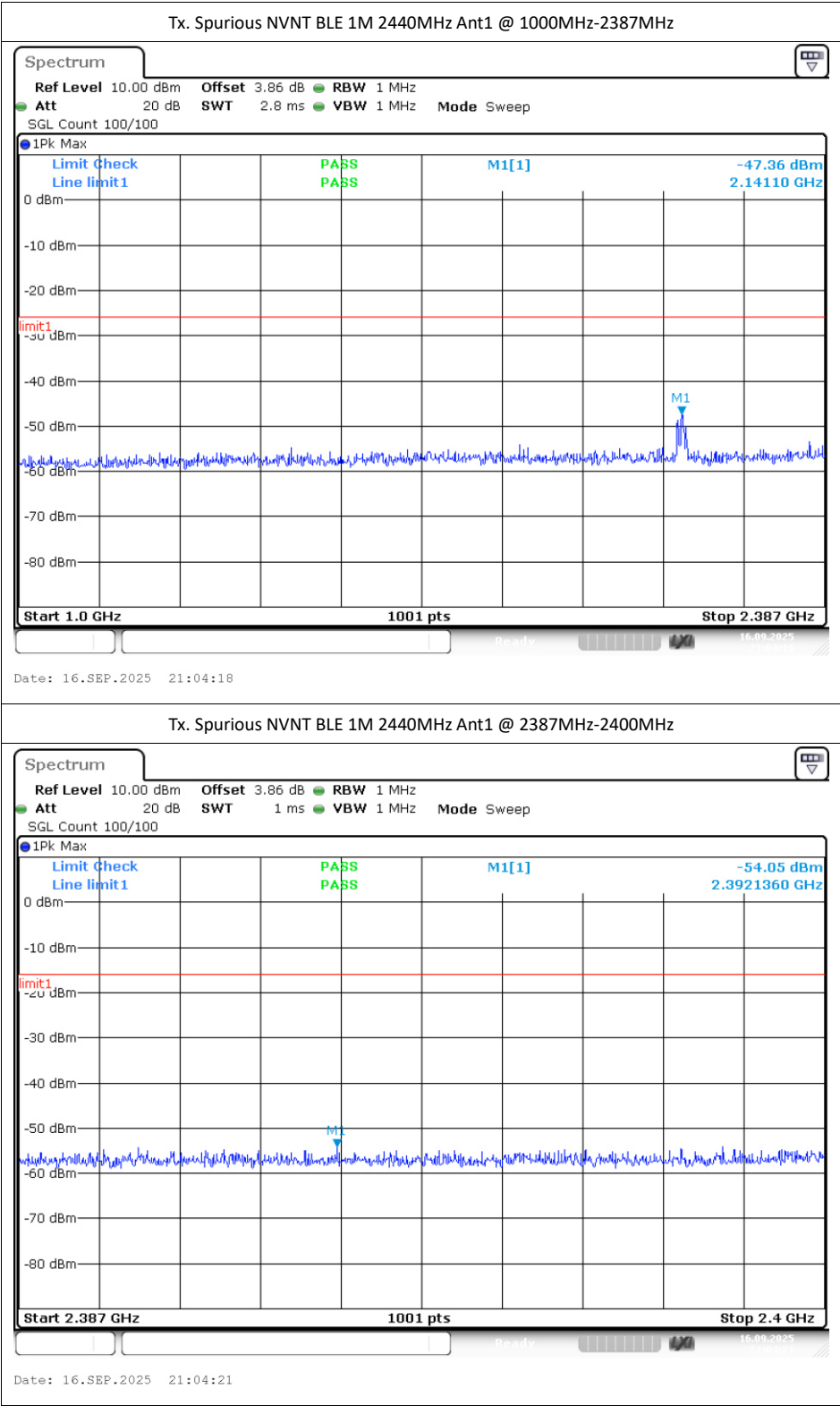
Tx Spurious Emission

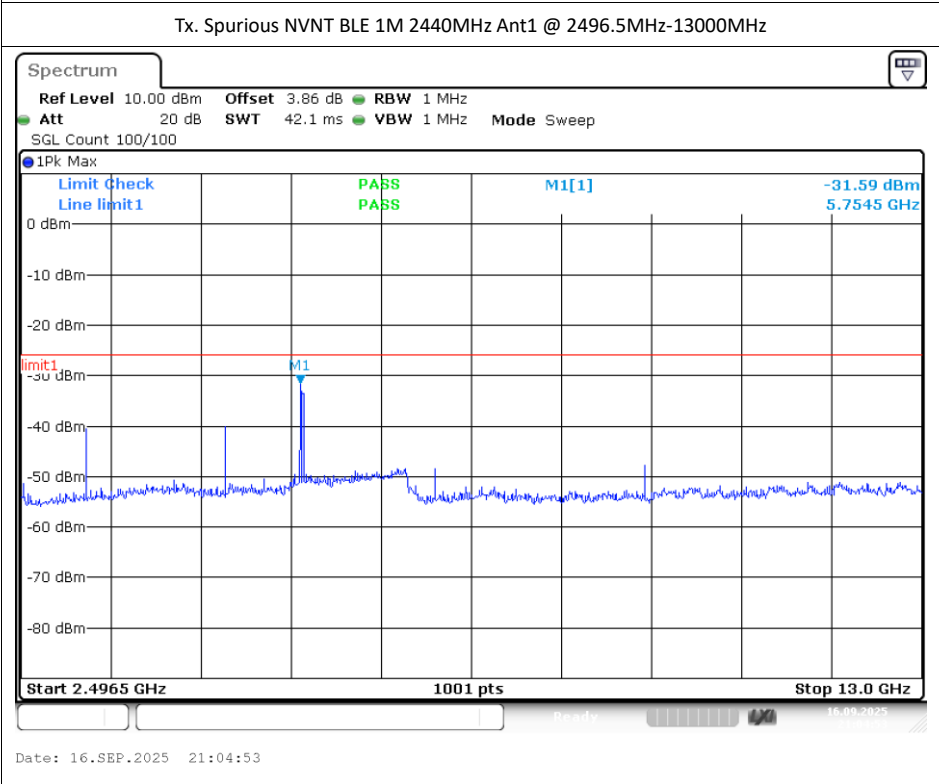
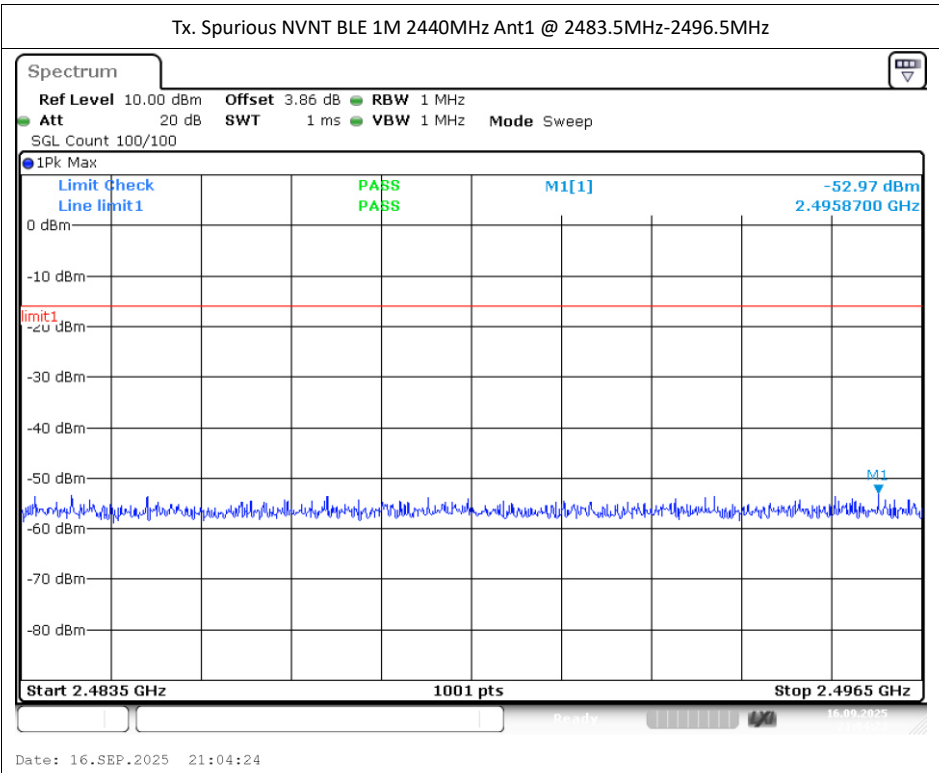
Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Value (dBm/MHz)	Limit Start(dBm/MHz)	Limit Stop (dBm/MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	1000-2387	2141.1	-45.9	-26	-26	Pass
NVNT	BLE 1M	2402	Ant1	2387-2400	2399.99	-36.63	-16	-16	Pass
NVNT	BLE 1M	2402	Ant1	2483.5-2496.5	2495.49	-51.64	-16	-16	Pass
NVNT	BLE 1M	2402	Ant1	2496.5-13000	3204.5	-36.66	-26	-26	Pass
NVNT	BLE 1M	2440	Ant1	1000-2387	2141.1	-47.36	-26	-26	Pass
NVNT	BLE 1M	2440	Ant1	2387-2400	2392.14	-54.05	-16	-16	Pass
NVNT	BLE 1M	2440	Ant1	2483.5-2496.5	2495.87	-52.97	-16	-16	Pass
NVNT	BLE 1M	2440	Ant1	2496.5-13000	5754.5	-31.59	-26	-26	Pass
NVNT	BLE 1M	2480	Ant1	1000-2387	2141.1	-47.81	-26	-26	Pass
NVNT	BLE 1M	2480	Ant1	2387-2400	2399.94	-51.09	-16	-16	Pass
NVNT	BLE 1M	2480	Ant1	2483.5-2496.5	2483.88	-50.08	-16	-16	Pass
NVNT	BLE 1M	2480	Ant1	2496.5-13000	4957.5	-39.87	-26	-26	Pass



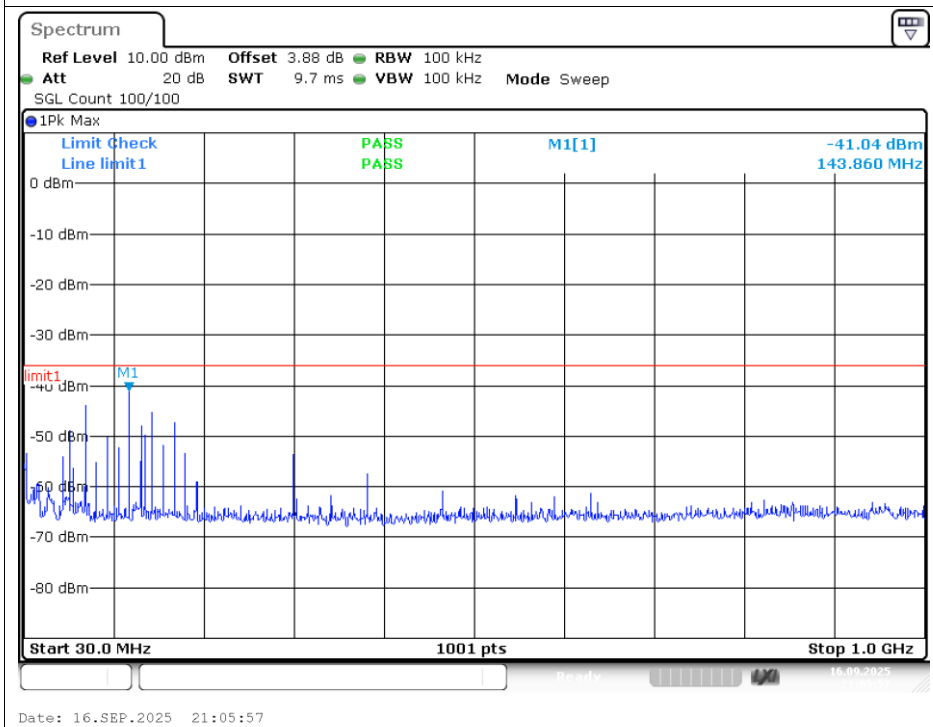




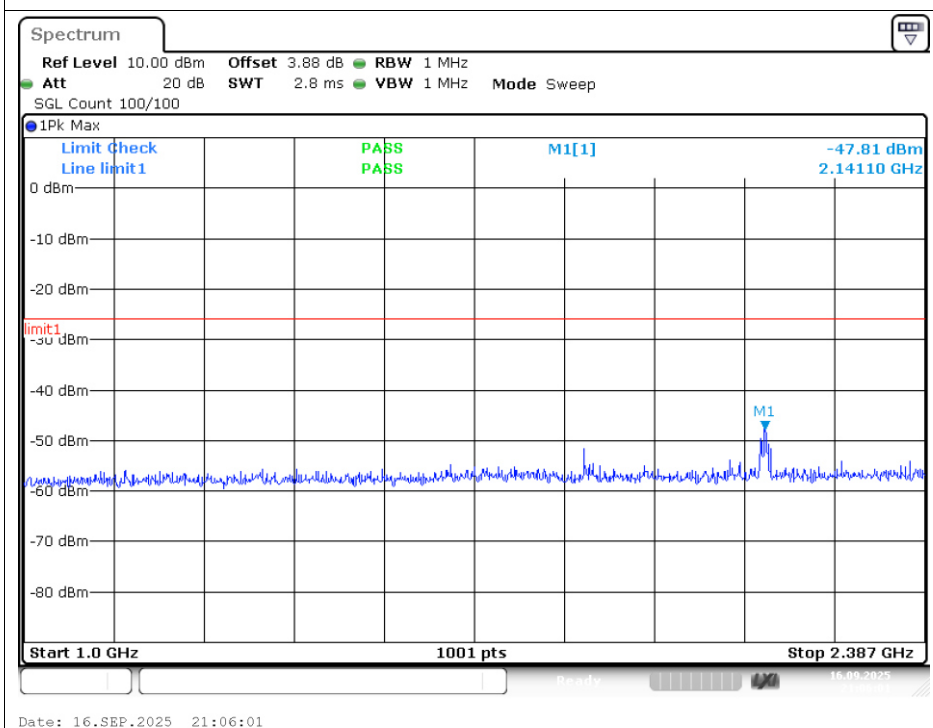


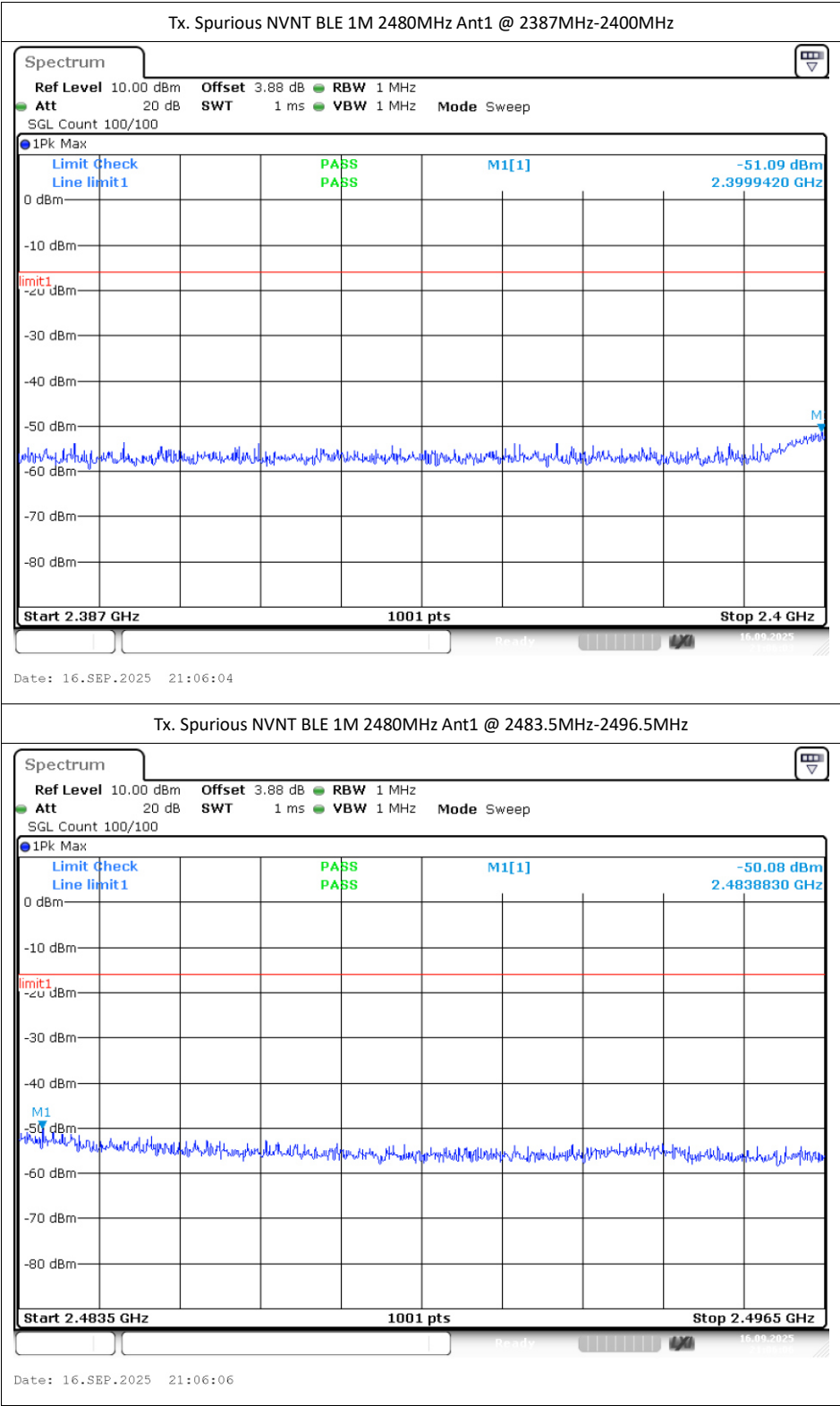


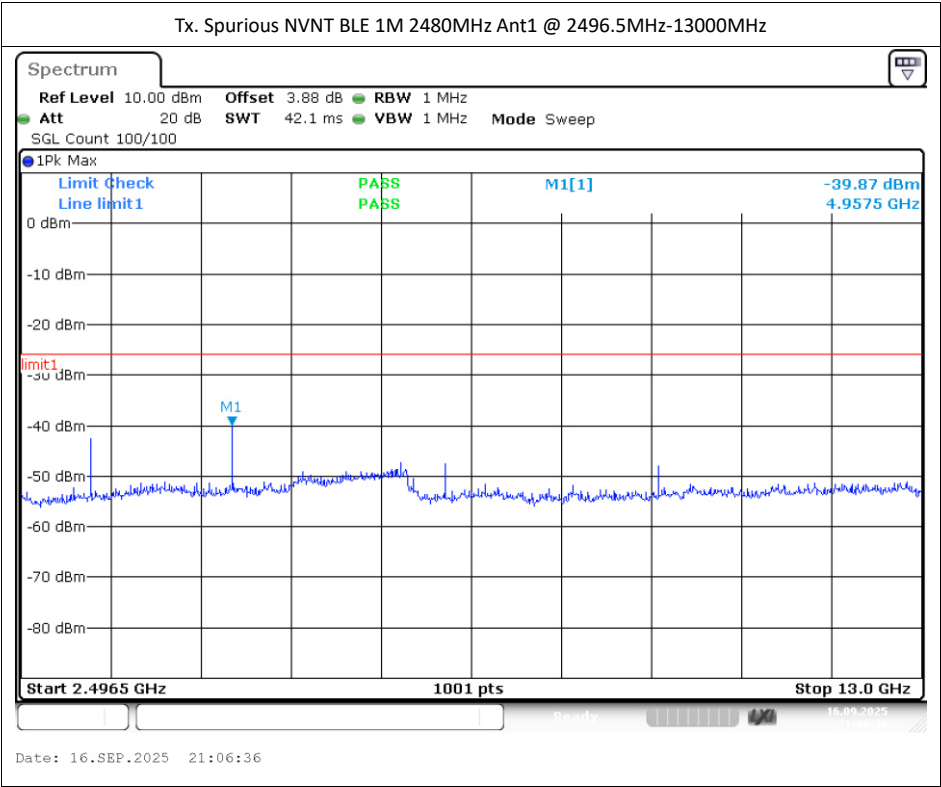
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 30MHz-1000MHz



Tx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 1000MHz-2387MHz







Rx Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	30-1000	509.19	-73.25	-54	Pass
NVNT	BLE 1M	2402	Ant1	1000-13000	6916	-57.94	-47	Pass
NVNT	BLE 1M	2440	Ant1	30-1000	890.01	-72.94	-54	Pass
NVNT	BLE 1M	2440	Ant1	1000-13000	6844	-58.54	-47	Pass
NVNT	BLE 1M	2480	Ant1	30-1000	878.39	-71.39	-54	Pass
NVNT	BLE 1M	2480	Ant1	1000-13000	6988	-57.44	-47	Pass

