

6. Band Edge

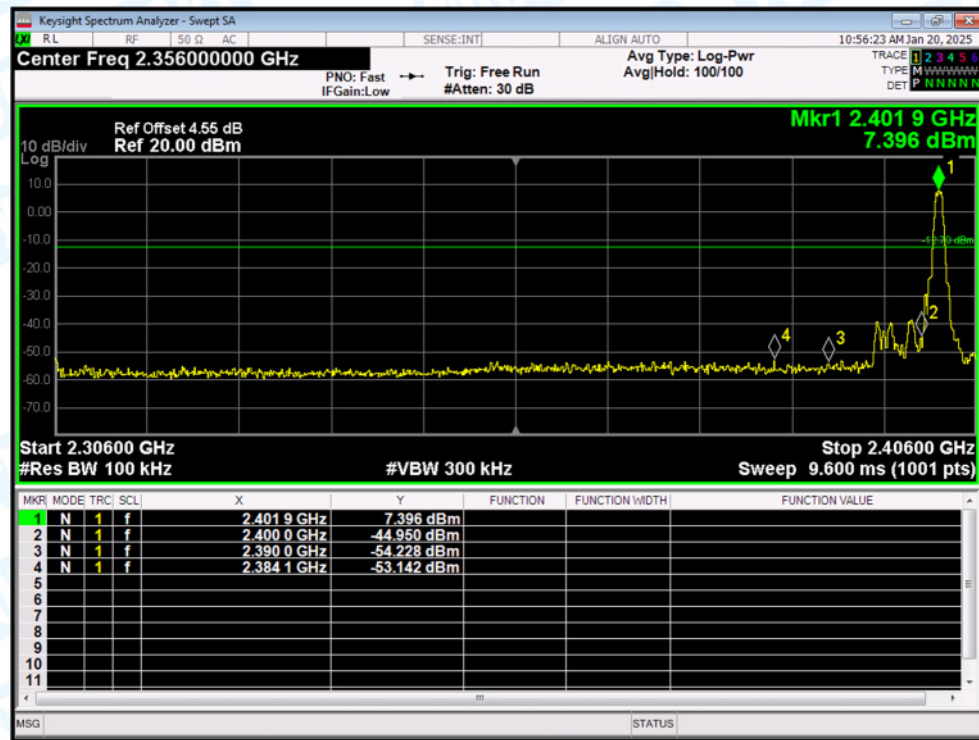
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1Mbps	2402	Ant1	-60.44	-20	Pass
NVNT	BLE 1Mbps	2480	Ant1	-54.84	-20	Pass
NVNT	BLE 2Mbps	2402	Ant1	-59.21	-20	Pass
NVNT	BLE 2Mbps	2480	Ant1	-56.28	-20	Pass

Test Graphs

Band Edge NVNT BLE 1Mbps 2402MHz Ant1 Ref



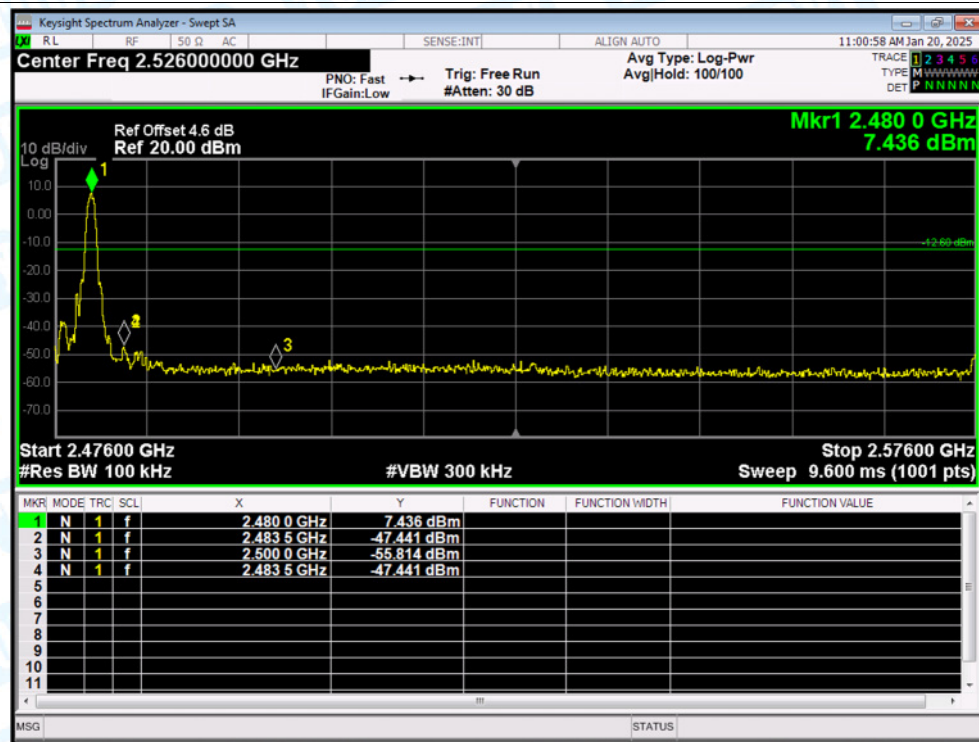
Band Edge NVNT BLE 1Mbps 2402MHz Ant1 Emission



Band Edge NVNT BLE 1Mbps 2480MHz Ant1 Ref



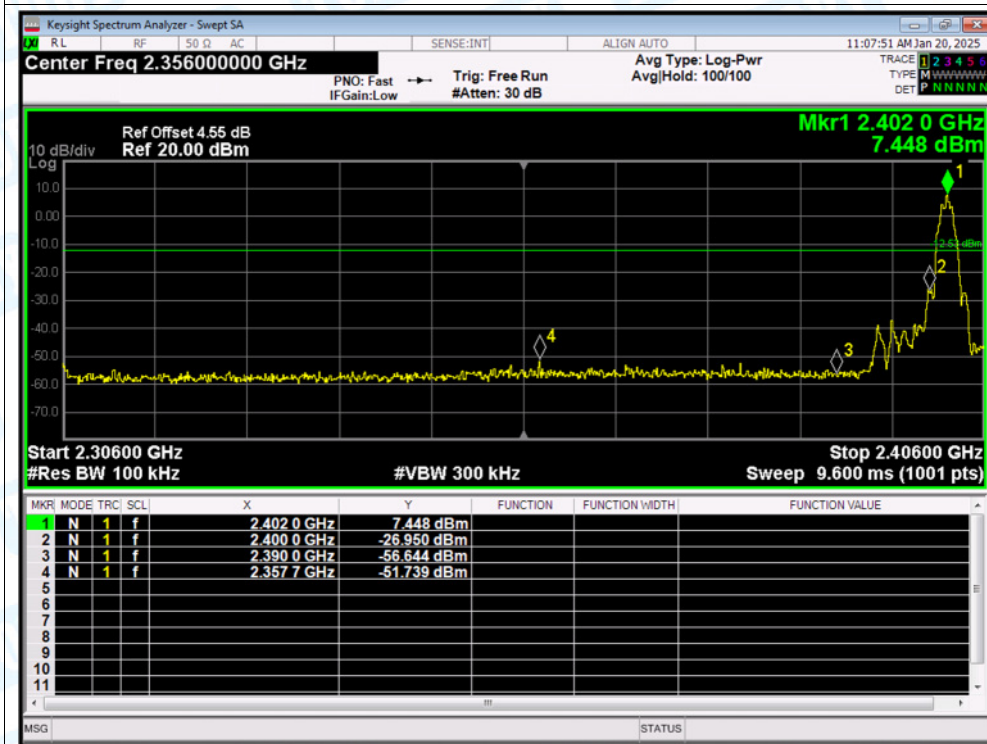
Band Edge NVNT BLE 1Mbps 2480MHz Ant1 Emission



Band Edge NVNT BLE 2Mbps 2402MHz Ant1 Ref



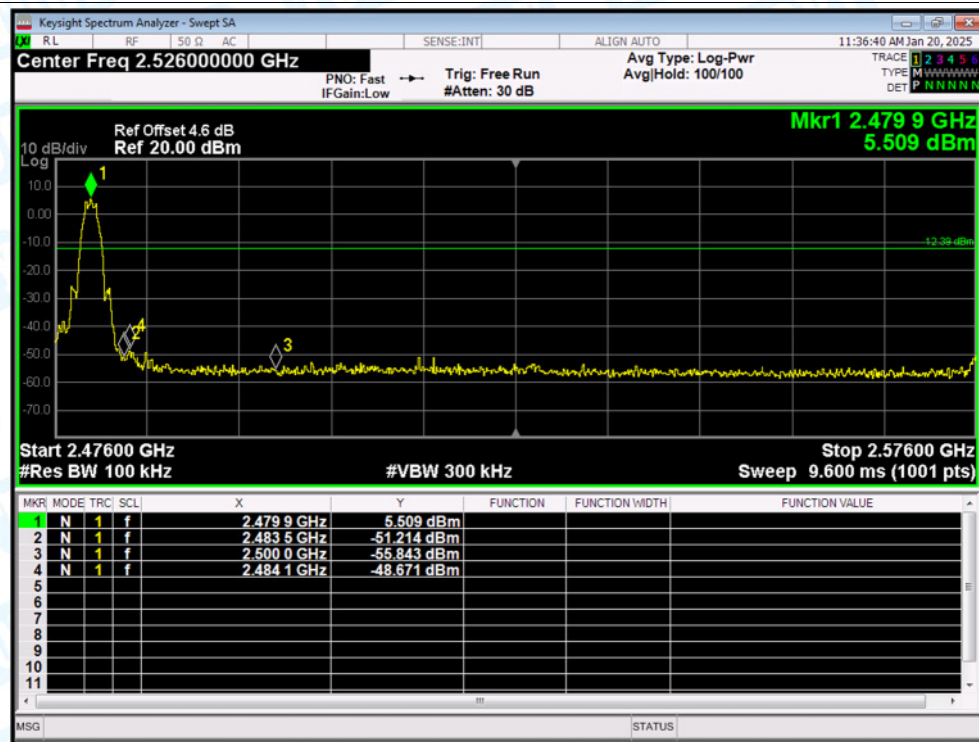
Band Edge NVNT BLE 2Mbps 2402MHz Ant1 Emission



Band Edge NVNT BLE 2Mbps 2480MHz Ant1 Ref



Band Edge NVNT BLE 2Mbps 2480MHz Ant1 Emission

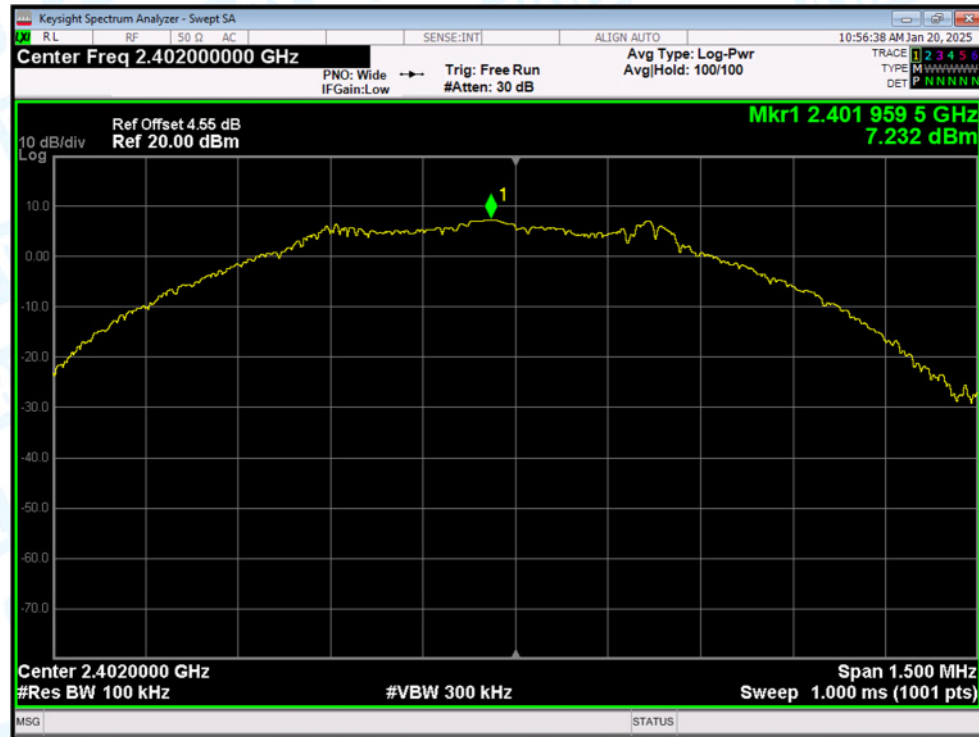


7. Conducted RF Spurious Emission

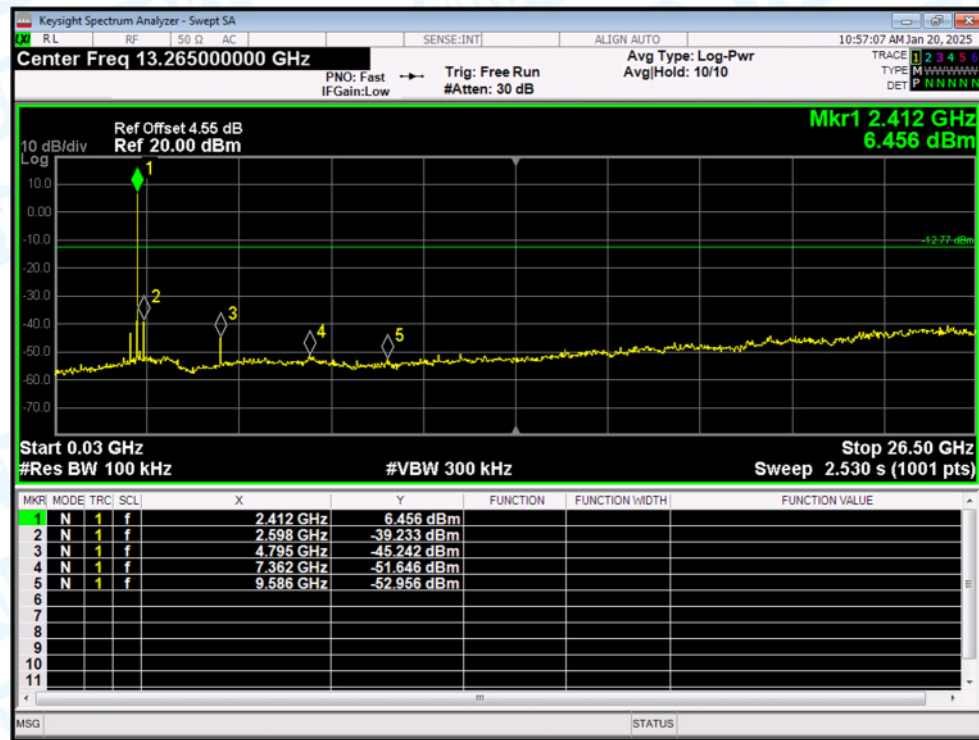
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	BLE 1Mbps	2402	Ant1	-46.46	-20	Pass
NVNT	BLE 1Mbps	2440	Ant1	-47.87	-20	Pass
NVNT	BLE 1Mbps	2480	Ant1	-47.21	-20	Pass
NVNT	BLE 2Mbps	2402	Ant1	-47.61	-20	Pass
NVNT	BLE 2Mbps	2440	Ant1	-48.71	-20	Pass
NVNT	BLE 2Mbps	2480	Ant1	-48.68	-20	Pass

Test Graphs

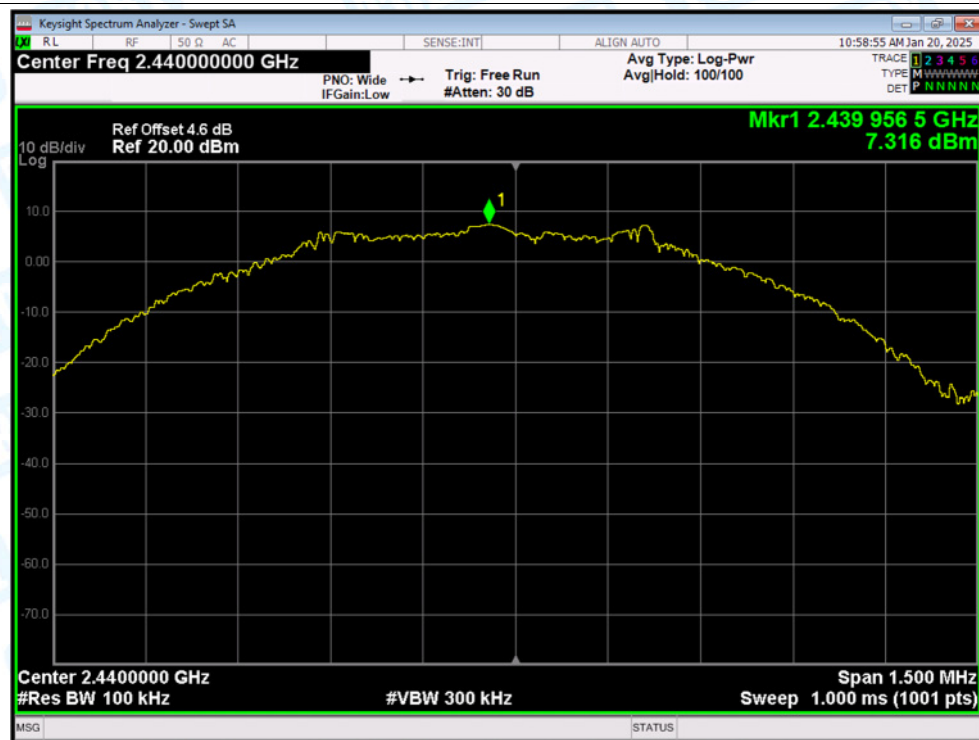
Tx. Spurious NVNT BLE 1Mbps 2402MHz Ant1 Ref



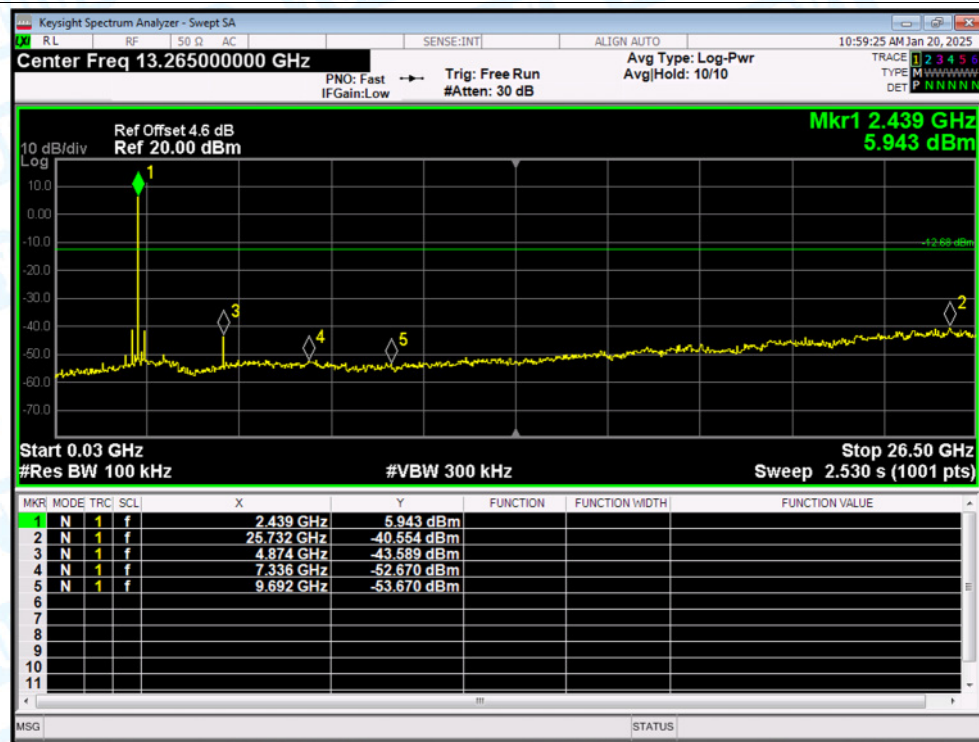
Tx. Spurious NVNT BLE 1Mbps 2402MHz Ant1 Emission



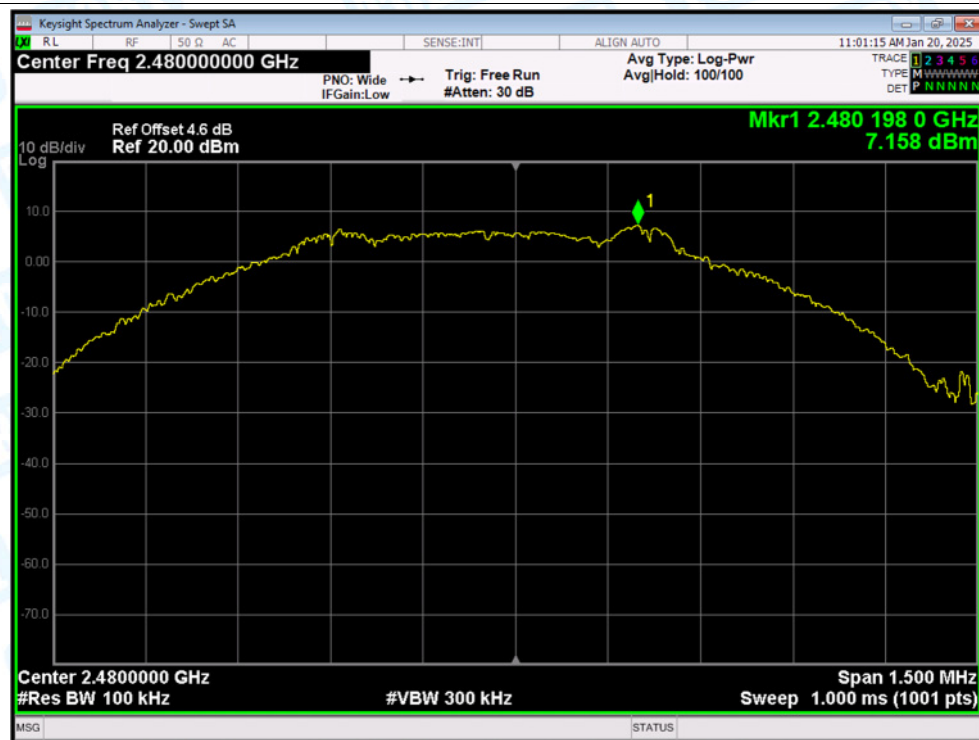
Tx. Spurious NVNT BLE 1Mbps 2440MHz Ant1 Ref



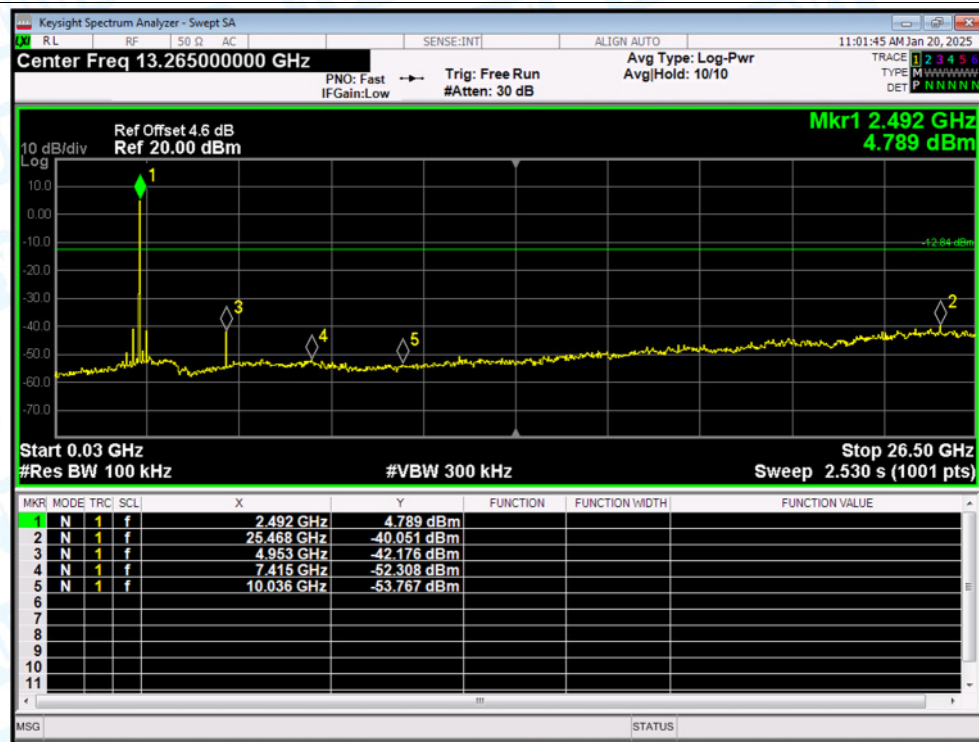
Tx. Spurious NVNT BLE 1Mbps 2440MHz Ant1 Emission



Tx. Spurious NVNT BLE 1Mbps 2480MHz Ant1 Ref



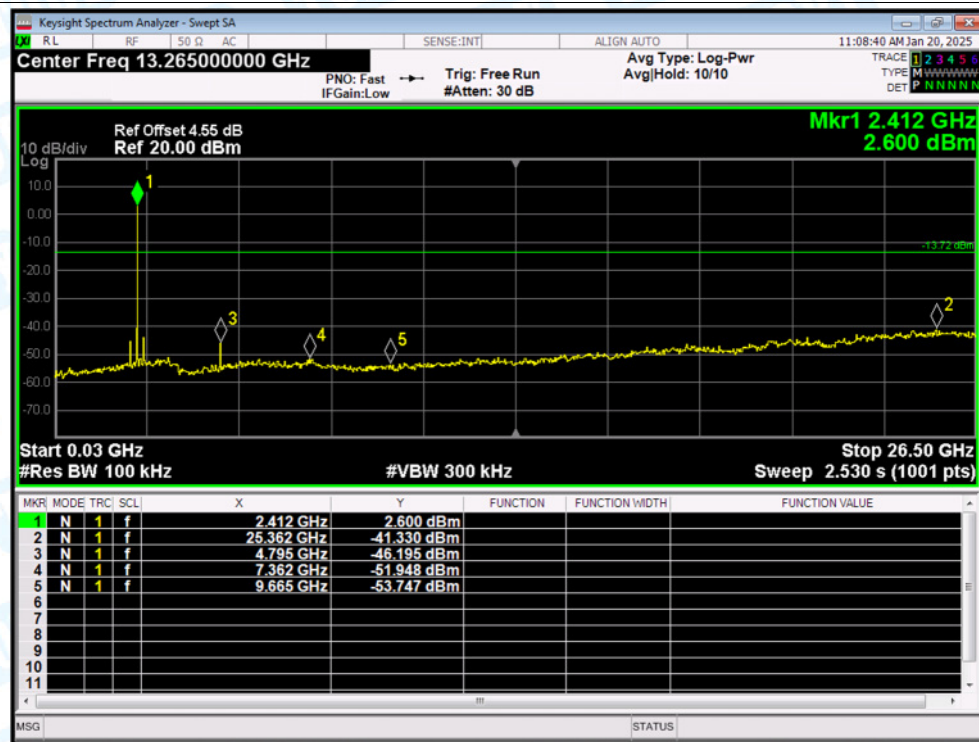
Tx. Spurious NVNT BLE 1Mbps 2480MHz Ant1 Emission



Tx. Spurious NVNT BLE 2Mbps 2402MHz Ant1 Ref



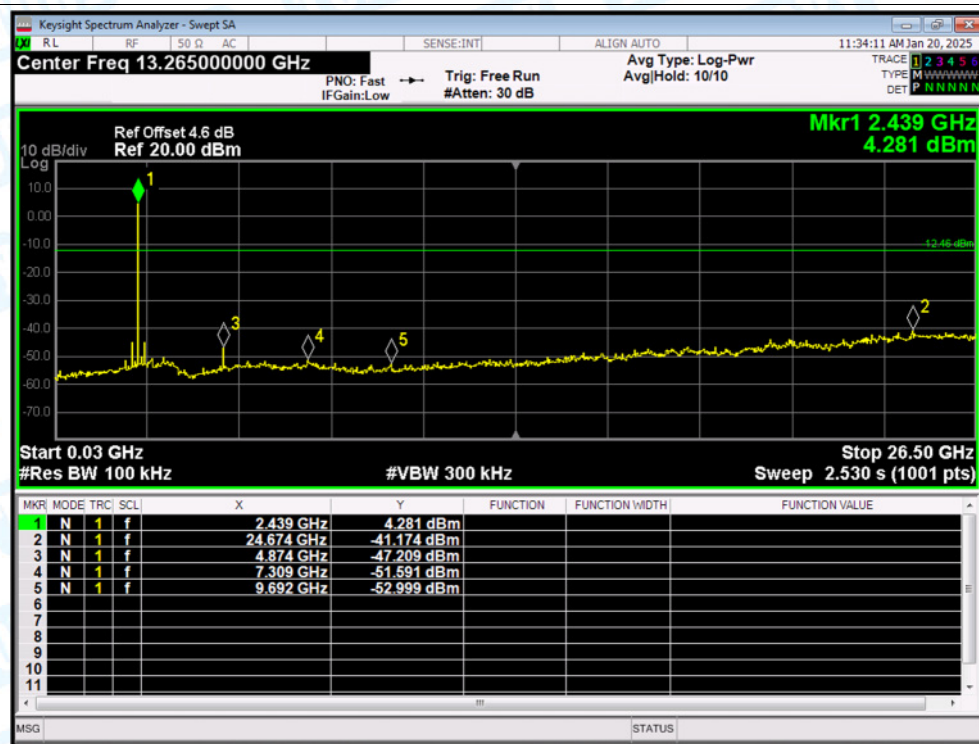
Tx. Spurious NVNT BLE 2Mbps 2402MHz Ant1 Emission



Tx. Spurious NVNT BLE 2Mbps 2440MHz Ant1 Ref



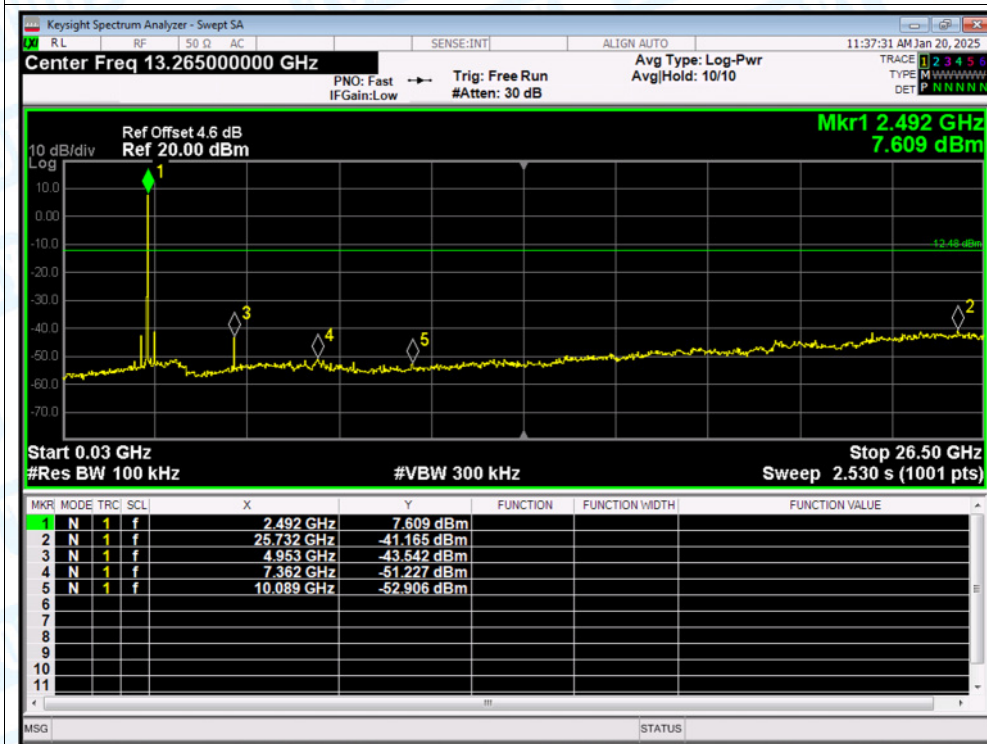
Tx. Spurious NVNT BLE 2Mbps 2440MHz Ant1 Emission



Tx. Spurious NVNT BLE 2Mbps 2480MHz Ant1 Ref



Tx. Spurious NVNT BLE 2Mbps 2480MHz Ant1 Emission

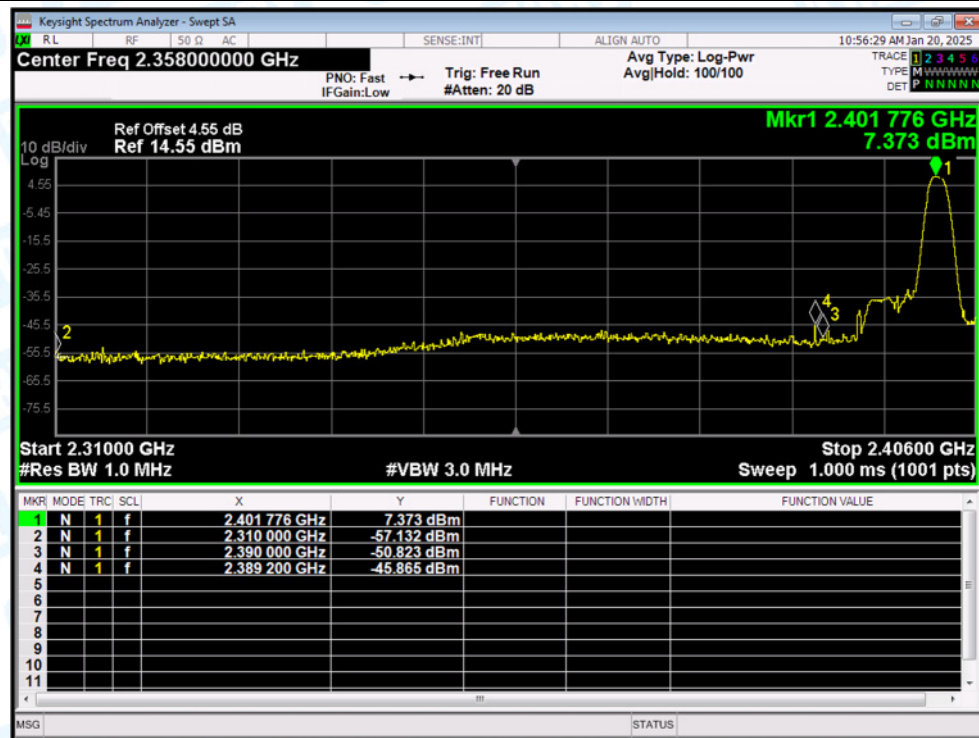


8. Restrict Band

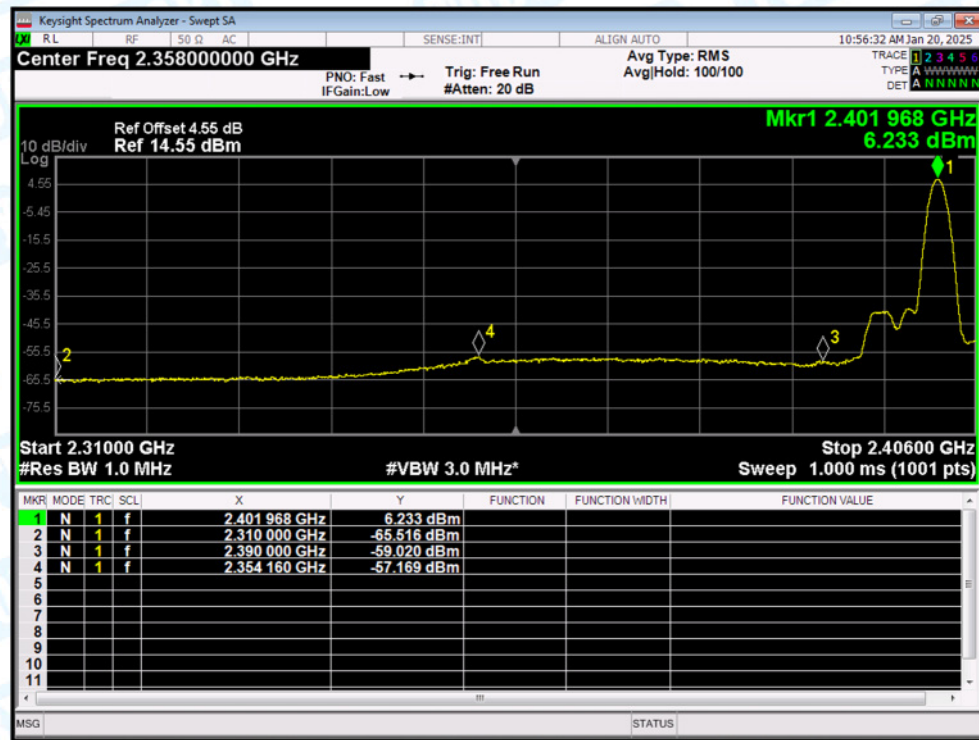
Condition	Mode	Frequency (MHz)	Antenna	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	Duty Factor (dB)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	BLE 1Mbps	2402	Ant1	2310	-57.13	2	-	40.13	Peak	74	Pass
NVNT	BLE 1Mbps	2402	Ant1	2310	-65.52	2	0.57	32.31	Average	54	Pass
NVNT	BLE 1Mbps	2402	Ant1	2389.2	-45.86	2	-	51.4	Peak	74	Pass
NVNT	BLE 1Mbps	2402	Ant1	2354.16	-57.17	2	0.57	40.66	Average	54	Pass
NVNT	BLE 1Mbps	2402	Ant1	2390	-50.82	2	-	46.44	Peak	74	Pass
NVNT	BLE 1Mbps	2402	Ant1	2390	-59.02	2	0.57	38.81	Average	54	Pass
NVNT	BLE 1Mbps	2480	Ant1	2483.5	-43.96	2	-	53.3	Peak	74	Pass
NVNT	BLE 1Mbps	2480	Ant1	2483.5	-50.71	2	0.57	47.12	Average	54	Pass
NVNT	BLE 1Mbps	2480	Ant1	2484.688	-39.68	2	-	57.58	Peak	74	Pass
NVNT	BLE 1Mbps	2480	Ant1	2483.584	-50.51	2	0.57	47.32	Average	54	Pass
NVNT	BLE 1Mbps	2480	Ant1	2500	-51.3	2	-	45.96	Peak	74	Pass
NVNT	BLE 1Mbps	2480	Ant1	2500	-58.43	2	0.57	39.4	Average	54	Pass
NVNT	BLE 2Mbps	2402	Ant1	2310	-56.23	2	-	41.03	Peak	74	Pass
NVNT	BLE 2Mbps	2402	Ant1	2310	-65.9	2	3.45	34.81	Average	54	Pass
NVNT	BLE 2Mbps	2402	Ant1	2353.968	-47.03	2	-	50.23	Peak	74	Pass
NVNT	BLE 2Mbps	2402	Ant1	2367.888	-59.17	2	3.45	41.54	Average	54	Pass
NVNT	BLE 2Mbps	2402	Ant1	2390	-51.84	2	-	45.42	Peak	74	Pass
NVNT	BLE 2Mbps	2402	Ant1	2390	-60.87	2	3.45	39.84	Average	54	Pass
NVNT	BLE 2Mbps	2480	Ant1	2483.5	-41.12	2	-	56.14	Peak	74	Pass
NVNT	BLE 2Mbps	2480	Ant1	2483.5	-51.33	2	3.45	49.38	Average	54	Pass
NVNT	BLE 2Mbps	2480	Ant1	2483.56	-39.56	2	-	57.7	Peak	74	Pass
NVNT	BLE 2Mbps	2480	Ant1	2483.512	-51.33	2	3.45	49.38	Average	54	Pass
NVNT	BLE 2Mbps	2480	Ant1	2500	-50.78	2	-	46.48	Peak	74	Pass
NVNT	BLE 2Mbps	2480	Ant1	2500	-60.39	2	3.45	40.32	Average	54	Pass

Test Graphs

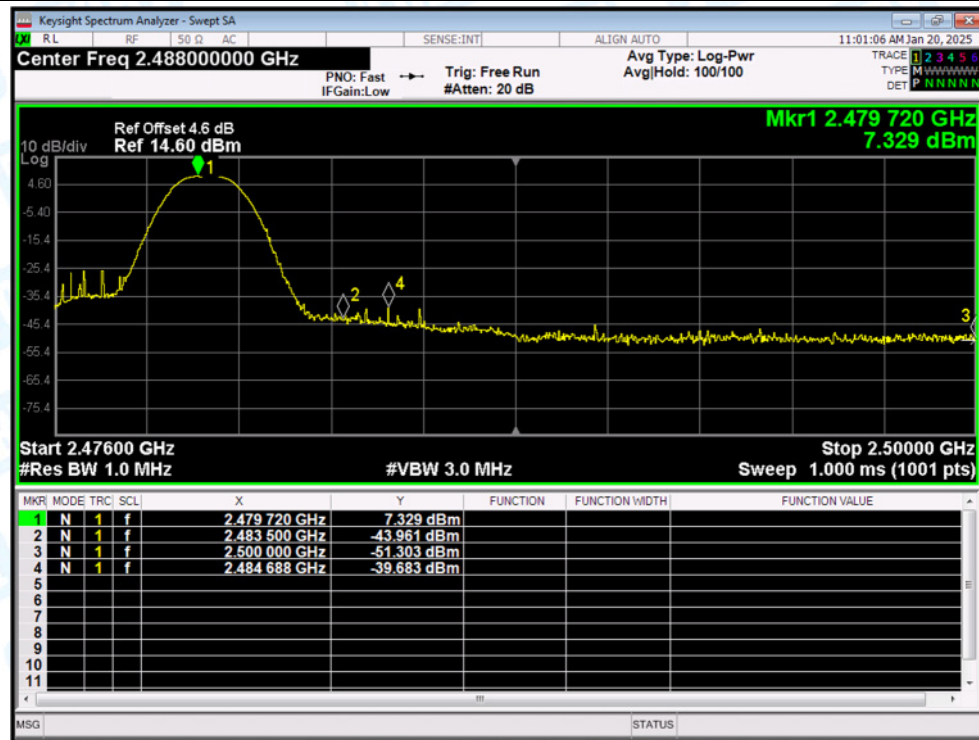
Restrict Band NVNT BLE 1Mbps 2402MHz Ant1 Peak



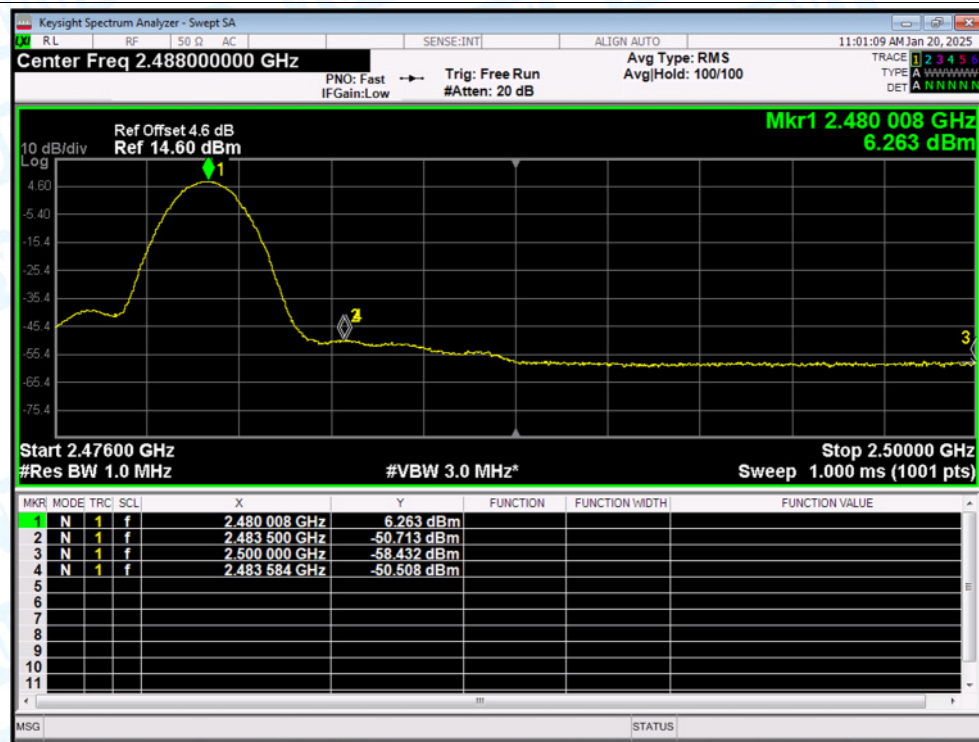
Restrict Band NVNT BLE 1Mbps 2402MHz Ant1 Average



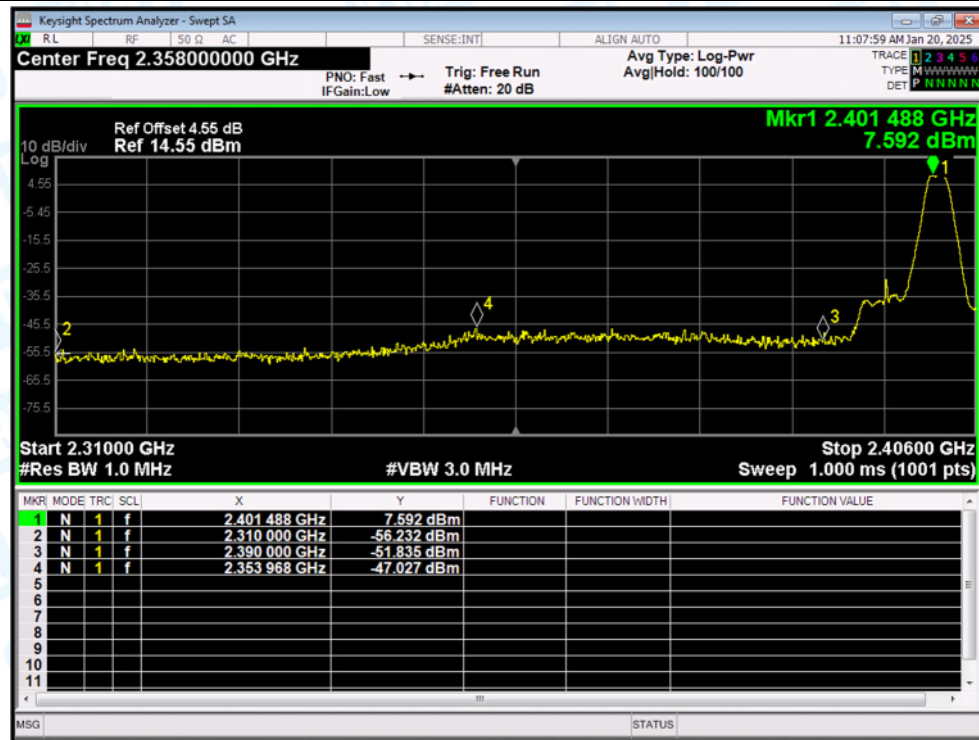
Restrict Band NVNT BLE 1Mbps 2480MHz Ant1 Peak



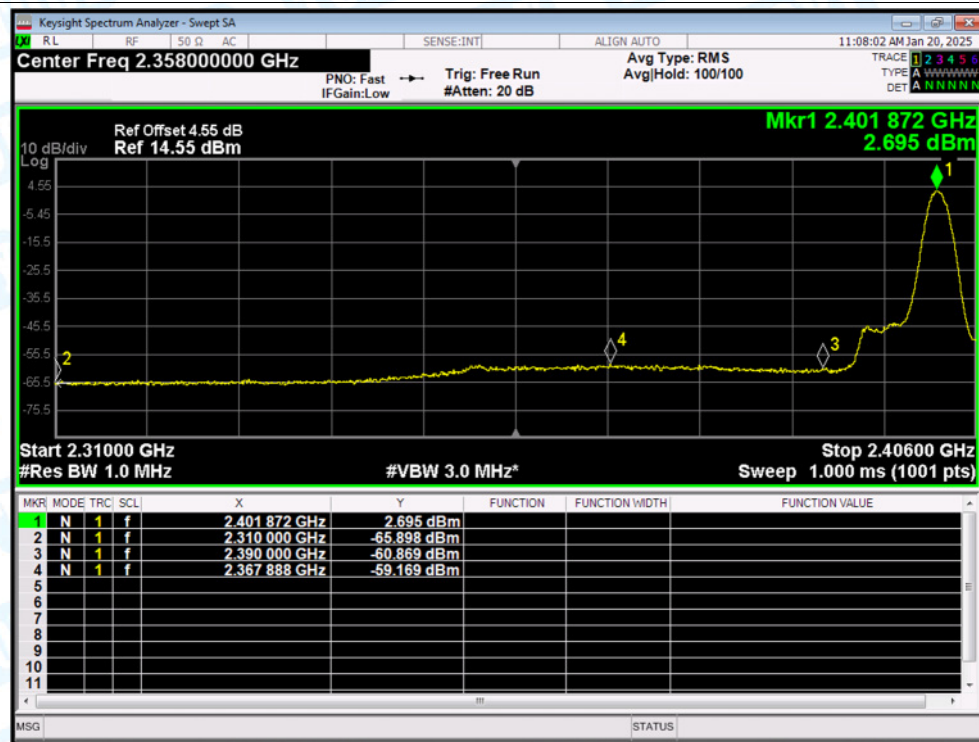
Restrict Band NVNT BLE 1Mbps 2480MHz Ant1 Average



Restrict Band NVNT BLE 2Mbps 2402MHz Ant1 Peak



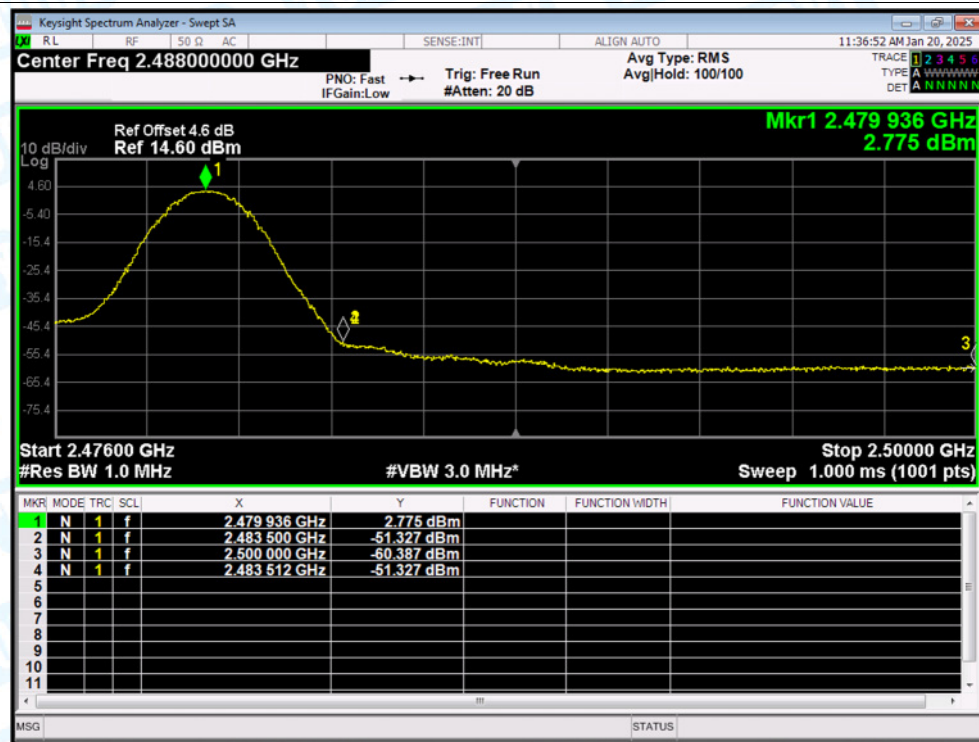
Restrict Band NVNT BLE 2Mbps 2402MHz Ant1 Average



Restrict Band NVNT BLE 2Mbps 2480MHz Ant1 Peak



Restrict Band NVNT BLE 2Mbps 2480MHz Ant1 Average



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