

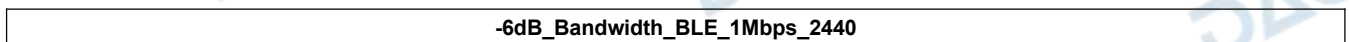
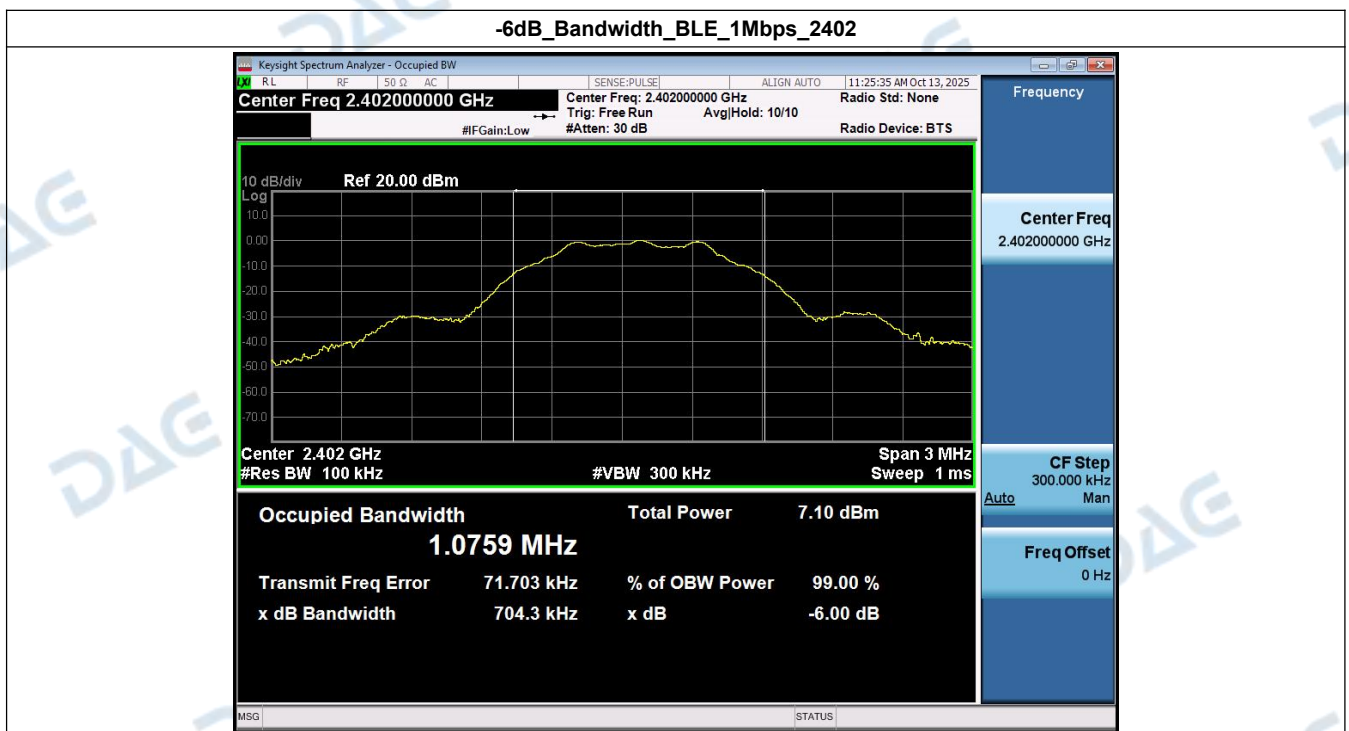
Appendix

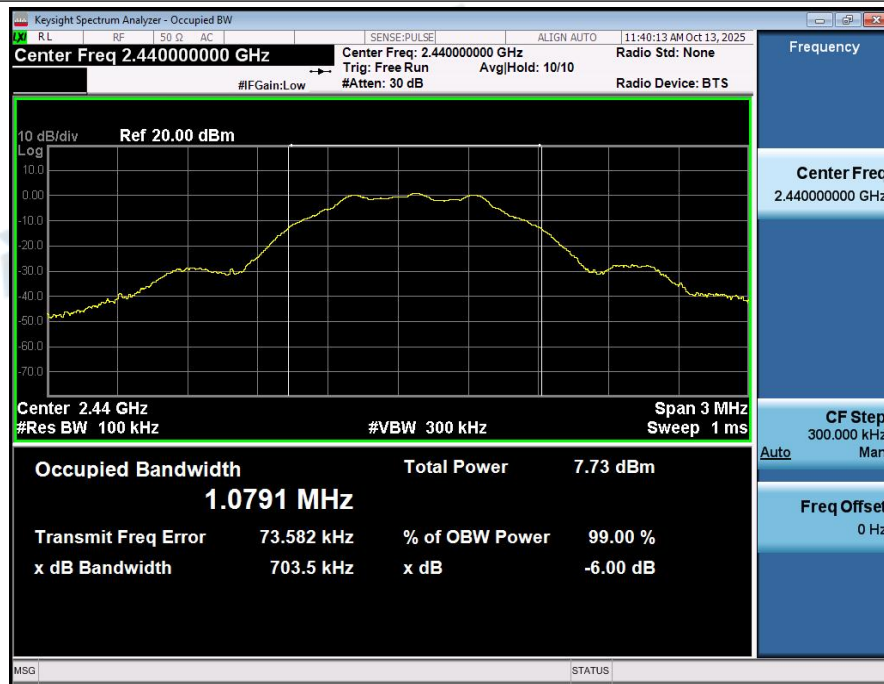
HT251011009--BRI-DT301-BLE-SR4--FCC ID

FCC BLE Test Data

1. -6dB Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	1Mbps	2402	704.3	500	Pass
NVNT	ANT1	1Mbps	2440.00	703.5	500	Pass
NVNT	ANT1	1Mbps	2480	714.5	500	Pass
NVNT	ANT1	2Mbps	2402	1142	500	Pass
NVNT	ANT1	2Mbps	2440.00	1152	500	Pass
NVNT	ANT1	2Mbps	2480	1145	500	Pass

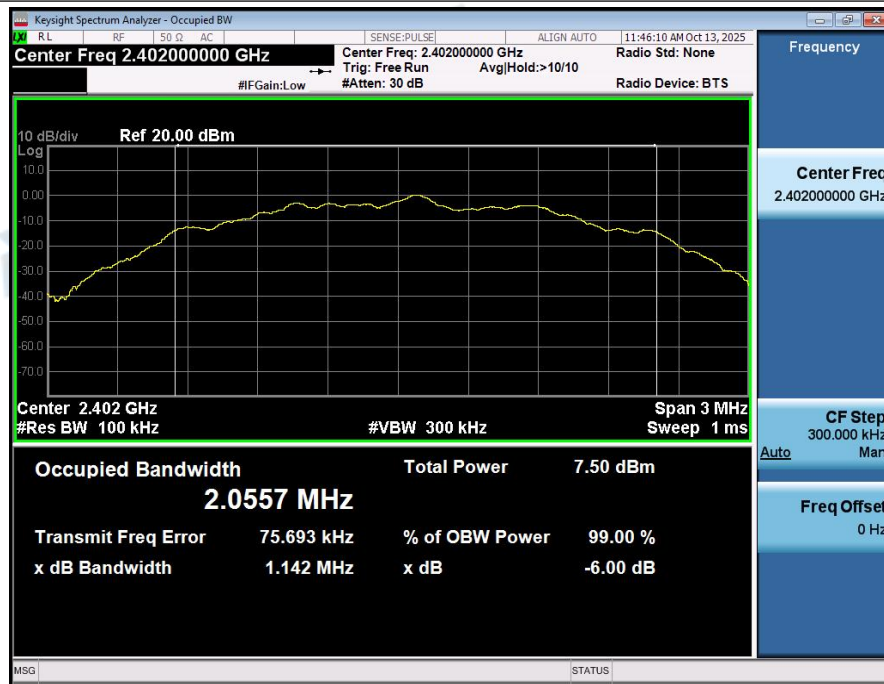




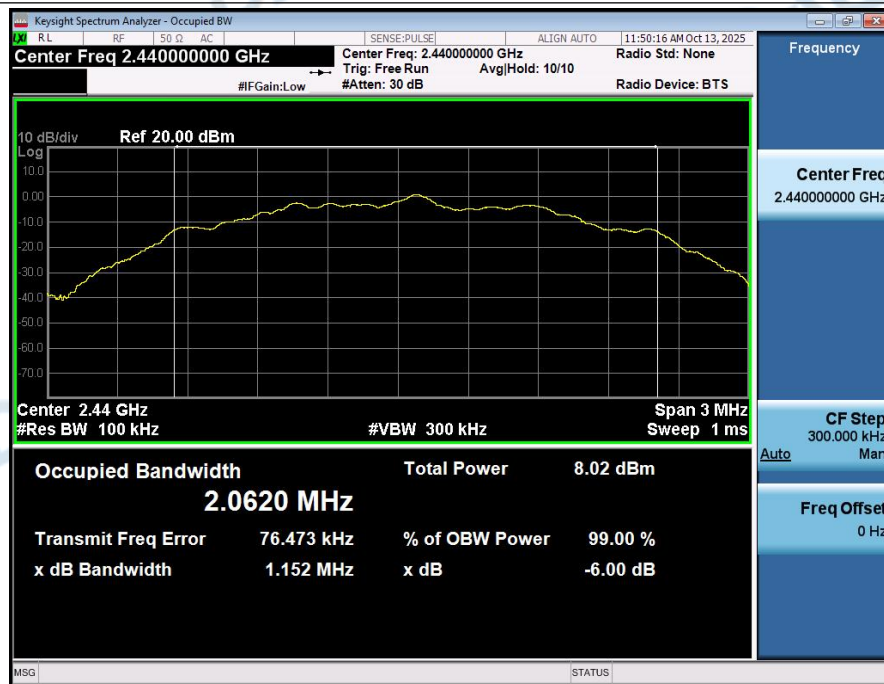
-6dB_Bandwidth_BLE_1Mbps_2480



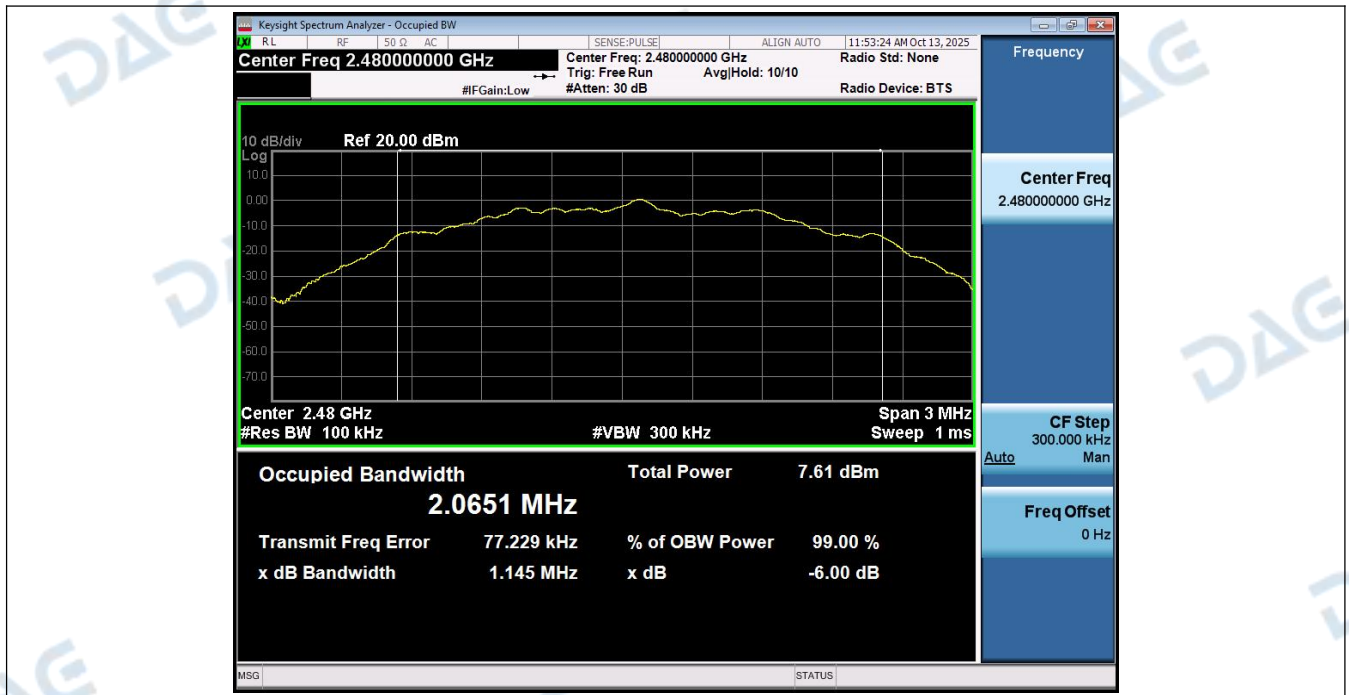
-6dB_Bandwidth_BLE_2Mbps_2402



-6dB_Bandwidth_BLE_2Mbps_2440



-6dB_Bandwidth_BLE_2Mbps_2480



2. 99% Occupied Bandwidth

Condition	Antenna	Rate	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	1Mbps	2402	1.061
NVNT	ANT1	1Mbps	2440.00	1.064
NVNT	ANT1	1Mbps	2480	1.070
NVNT	ANT1	2Mbps	2402	2.038
NVNT	ANT1	2Mbps	2440.00	2.045
NVNT	ANT1	2Mbps	2480	2.049

99%_Occupied_Bandwidth_BLE_1Mbps_2402



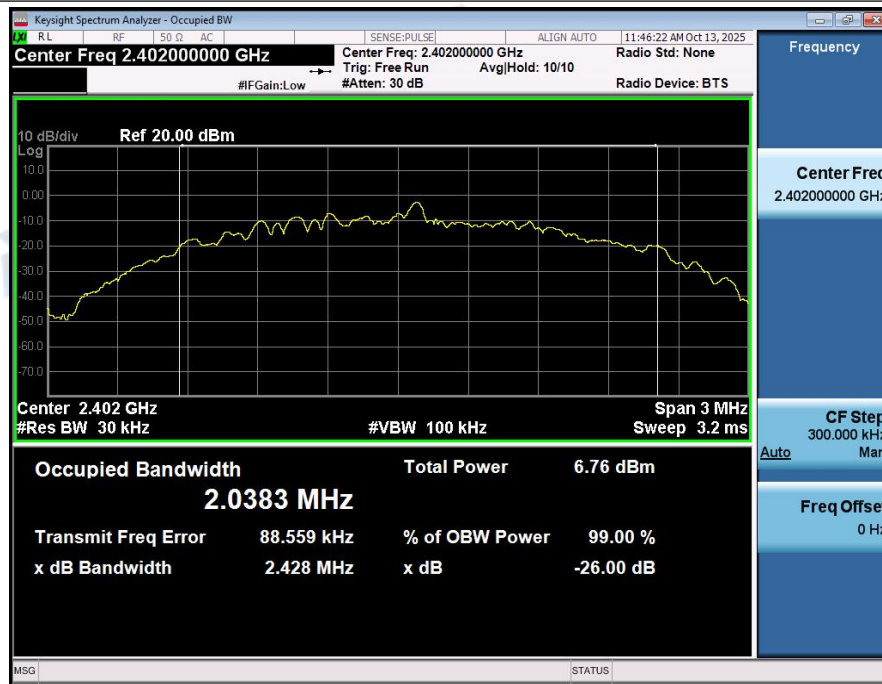
99%_Occupied_Bandwidth_BLE_1Mbps_2440



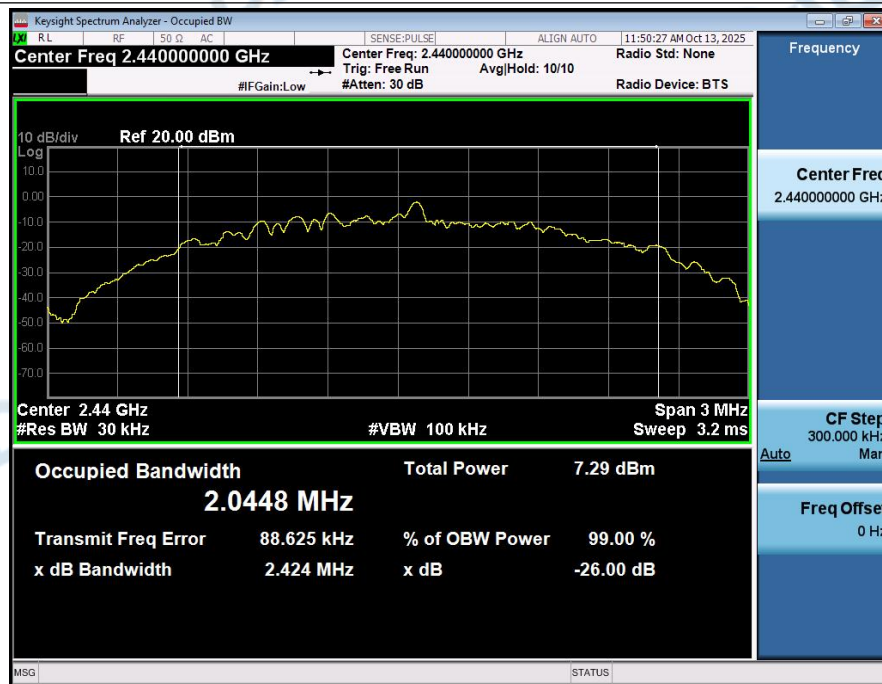
99%_Occupied_Bandwidth_BLE_1Mbps_2480



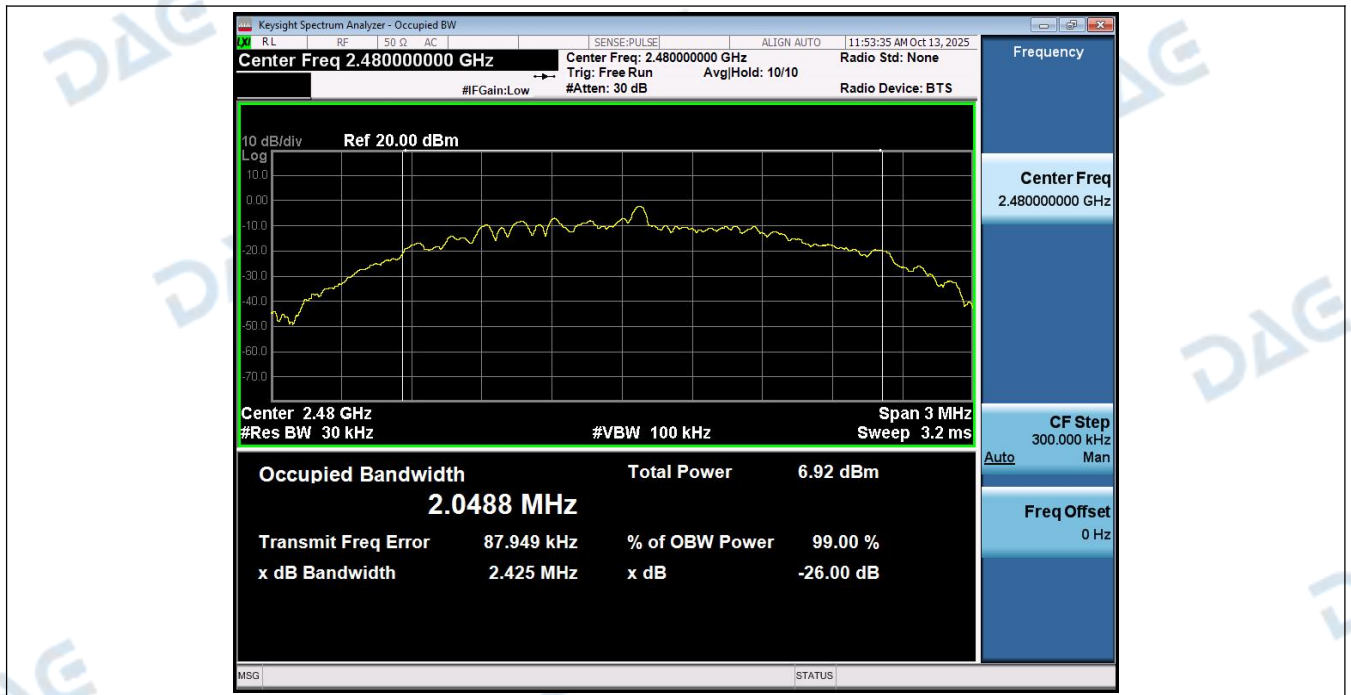
99%_Occupied_Bandwidth_BLE_2Mbps_2402



99%_Occupied_Bandwidth_BLE_2Mbps_2440



99%_Occupied_Bandwidth_BLE_2Mbps_2480



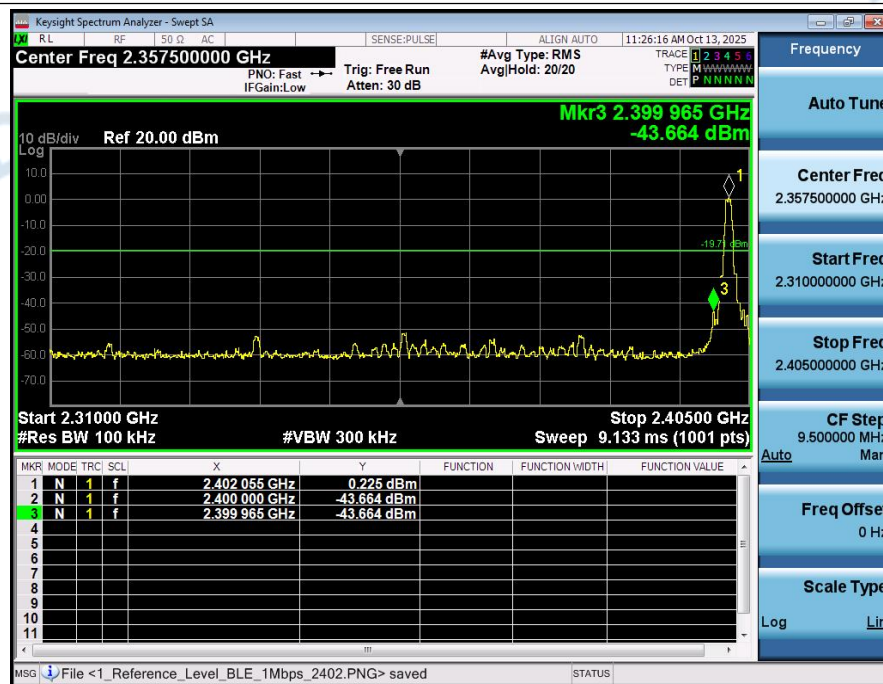
3. Bandedge

Condition	Antenna	Rate	TX_Frequency (MHz)	Max. Mark Frequency (MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	1Mbps	2402	2399.97	-43.66	-19.71	Pass
NVNT	ANT1	1Mbps	2480	2499.78	-52.96	-19.39	Pass
NVNT	ANT1	2Mbps	2402	2399.97	-34.91	-19.68	Pass
NVNT	ANT1	2Mbps	2480	2500.00	-54.42	-19.53	Pass

1_Reference_Level_BLE_1Mbps_2402



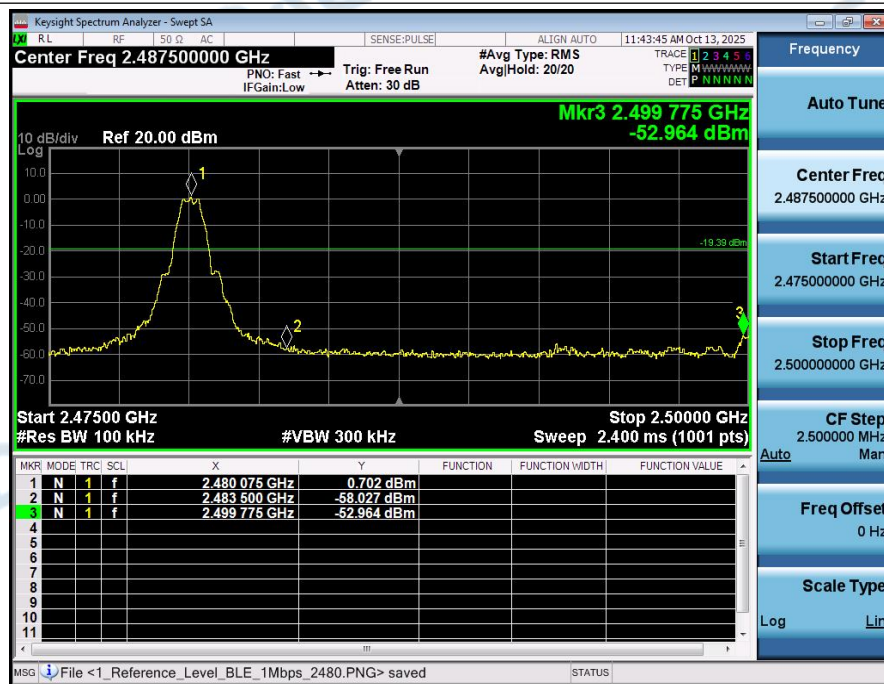
2_Bandedge_BLE_1Mbps_2402



1_Reference_Level_BLE_1Mbps_2480



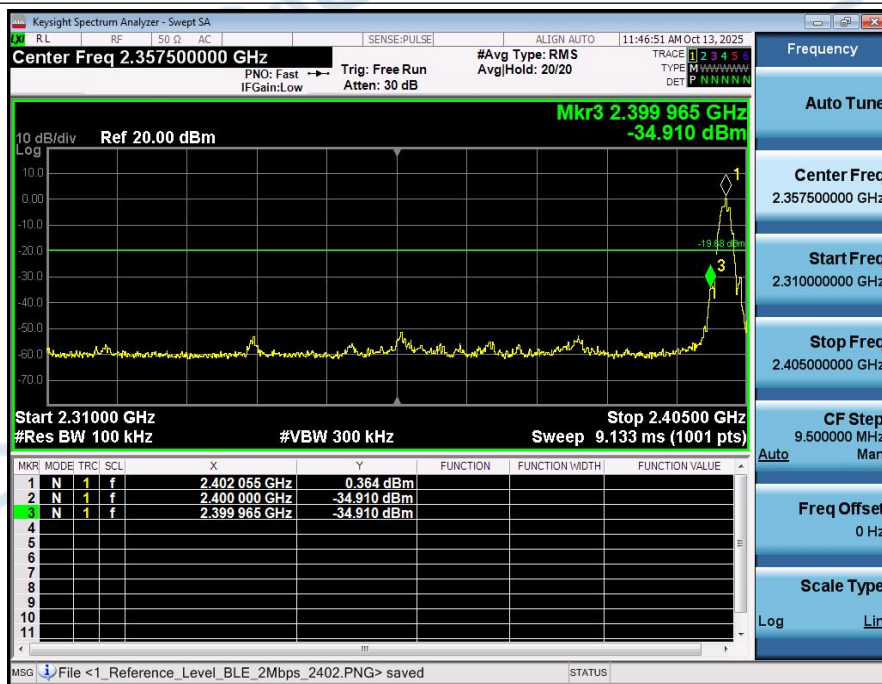
2_Bandedge_BLE_1Mbps_2480



1_Reference_Level_BLE_2Mbps_2402



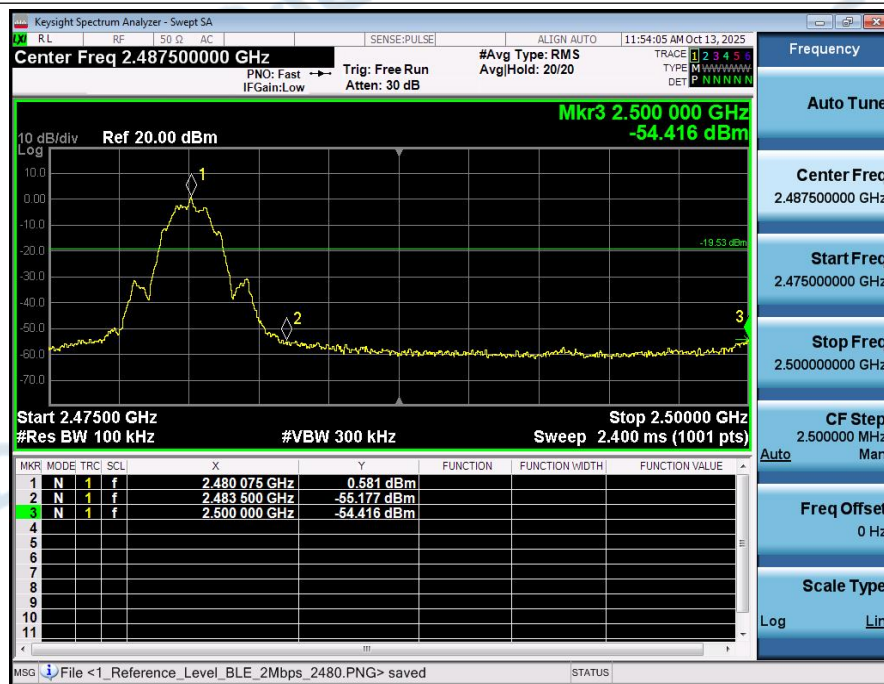
2_Bandedge_BLE_2Mbps_2402



1_Reference_Level_BLE_2Mbps_2480



2_Bandedge_BLE_2Mbps_2480



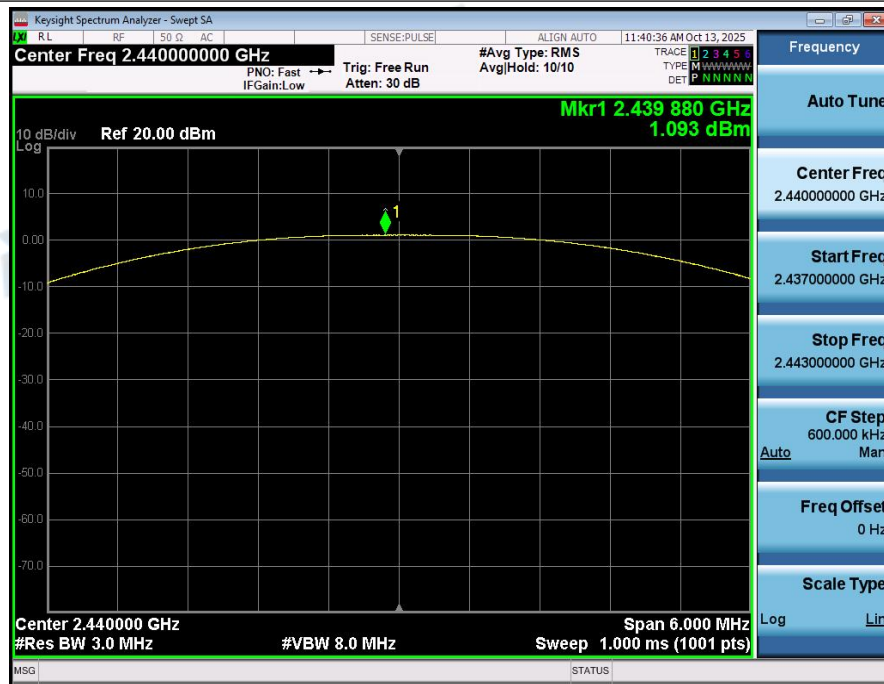
4. Peak Output Power

Condition	Antenna	Rate	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit(mW)	Result
NVNT	ANT1	1Mbps	2402	0.46	1.11	1000	Pass
NVNT	ANT1	1Mbps	2440.00	1.09	1.29	1000	Pass
NVNT	ANT1	1Mbps	2480	0.72	1.18	1000	Pass
NVNT	ANT1	2Mbps	2402	0.49	1.12	1000	Pass
NVNT	ANT1	2Mbps	2440.00	1.03	1.27	1000	Pass
NVNT	ANT1	2Mbps	2480	0.63	1.16	1000	Pass

Peak_Output_Power_BLE_1Mbps_2402



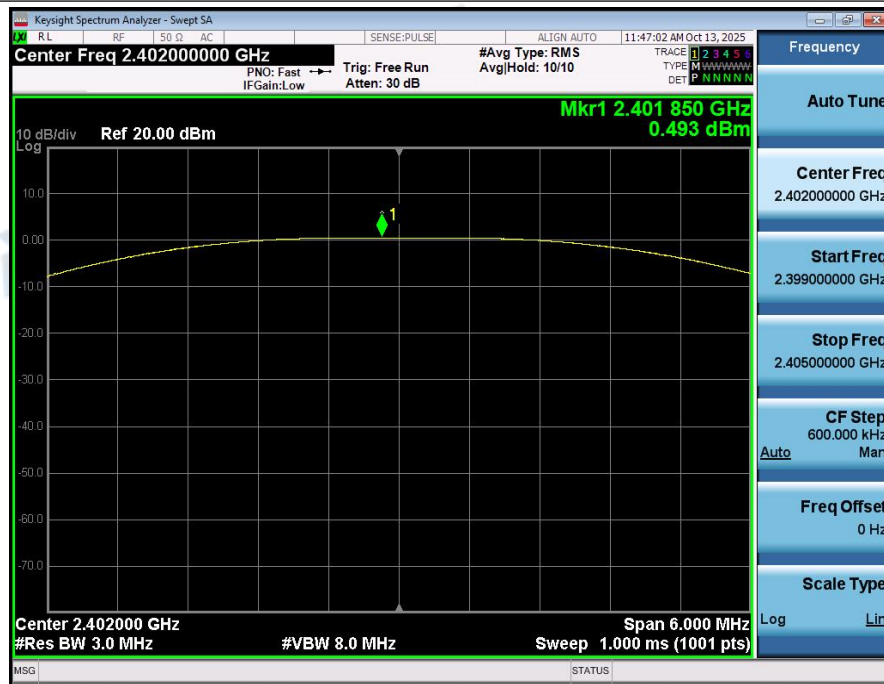
Peak_Output_Power_BLE_1Mbps_2440



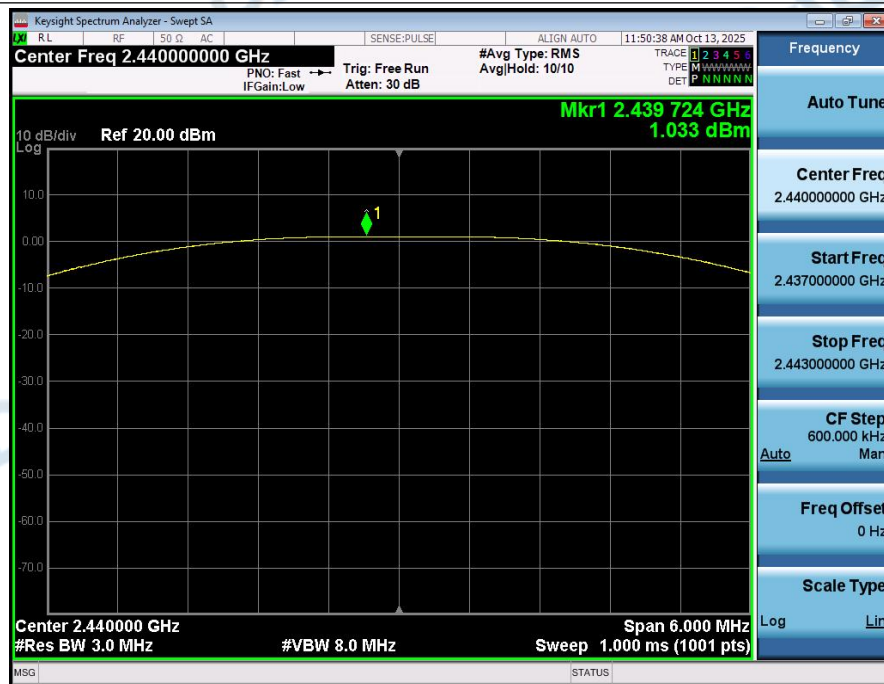
Peak_Output_Power_BLE_1Mbps_2480



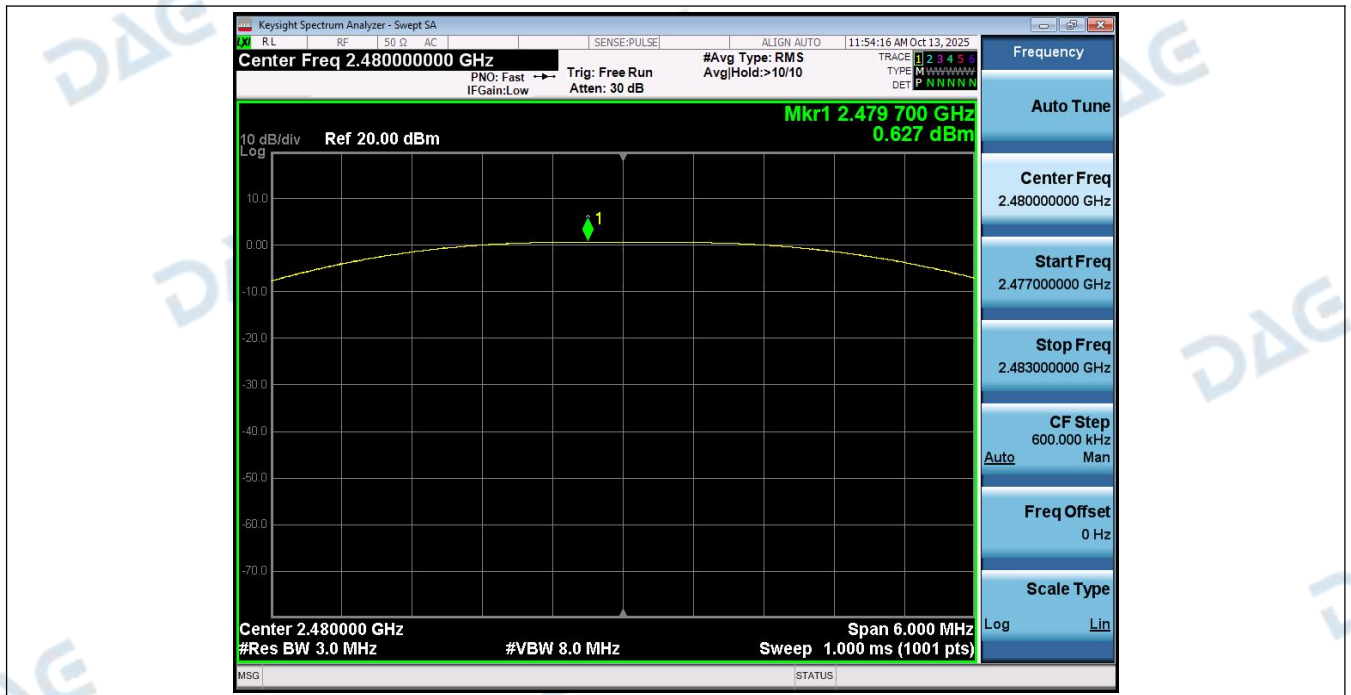
Peak_Output_Power_BLE_2Mbps_2402



Peak_Output_Power_BLE_2Mbps_2440



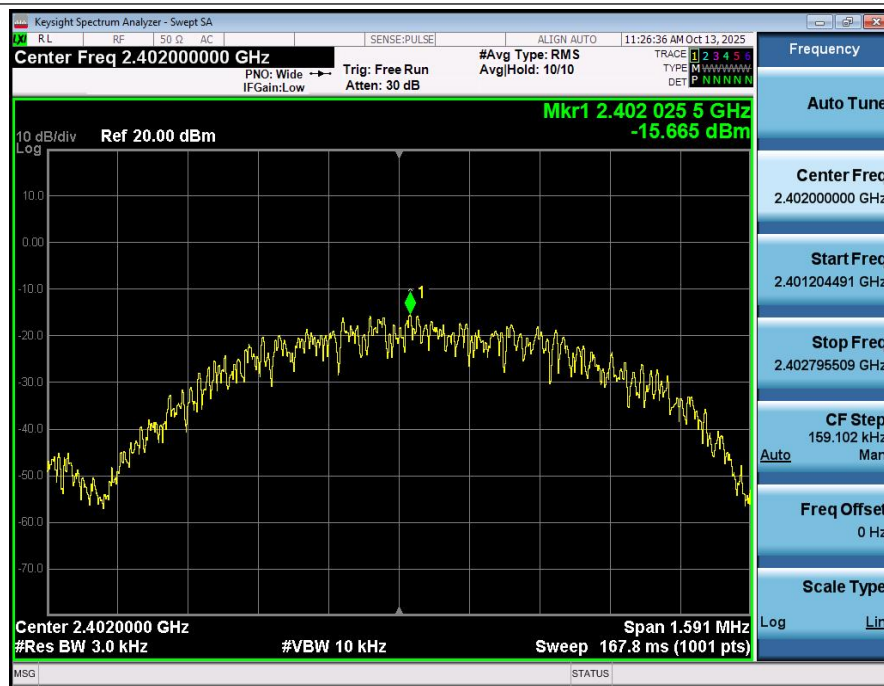
Peak_Output_Power_BLE_2Mbps_2480



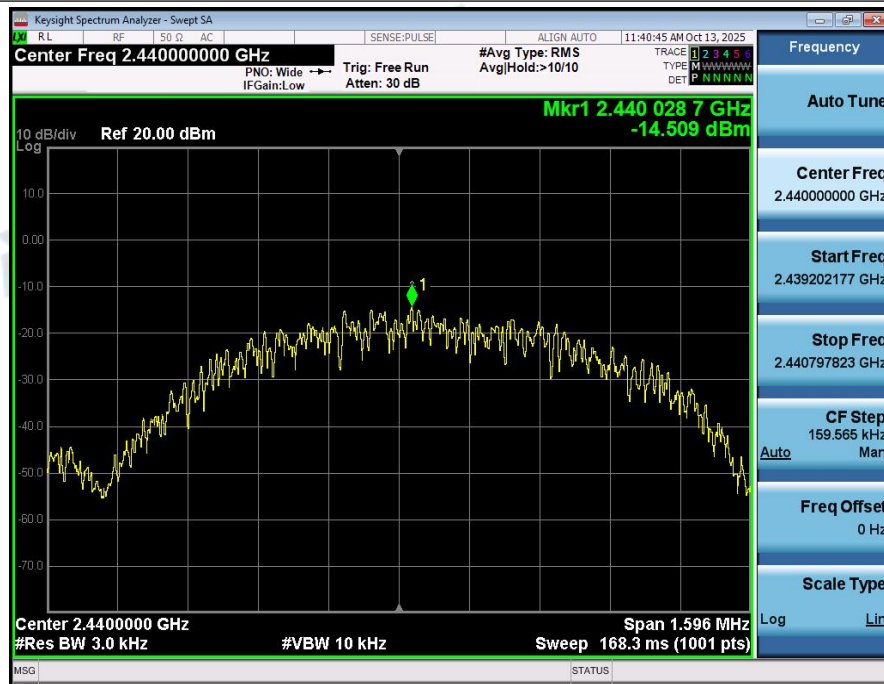
5. Power Spectral Density

Condition	Antenna	Rate	Frequency (MHz)	Power Spectral Density(dBm)	Limit(dBm/3kHz)	Result
NVNT	ANT1	1Mbps	2402	-15.66	8	Pass
NVNT	ANT1	1Mbps	2440.00	-14.51	8	Pass
NVNT	ANT1	1Mbps	2480	-14.95	8	Pass
NVNT	ANT1	2Mbps	2402	-17.31	8	Pass
NVNT	ANT1	2Mbps	2440.00	-16.86	8	Pass
NVNT	ANT1	2Mbps	2480	-17.59	8	Pass

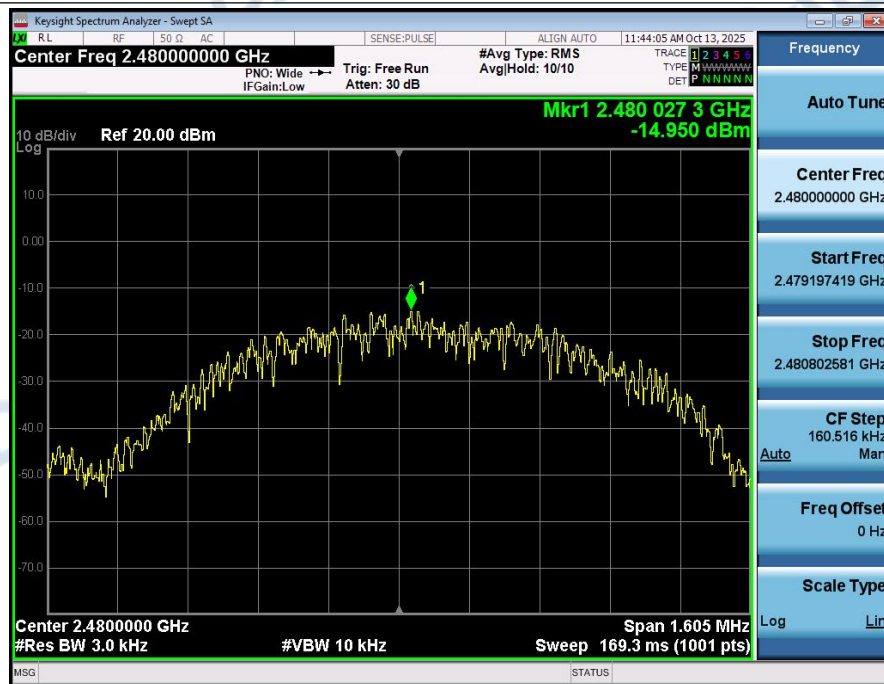
Power_Spectral_Density_BLE_1Mbps_2402



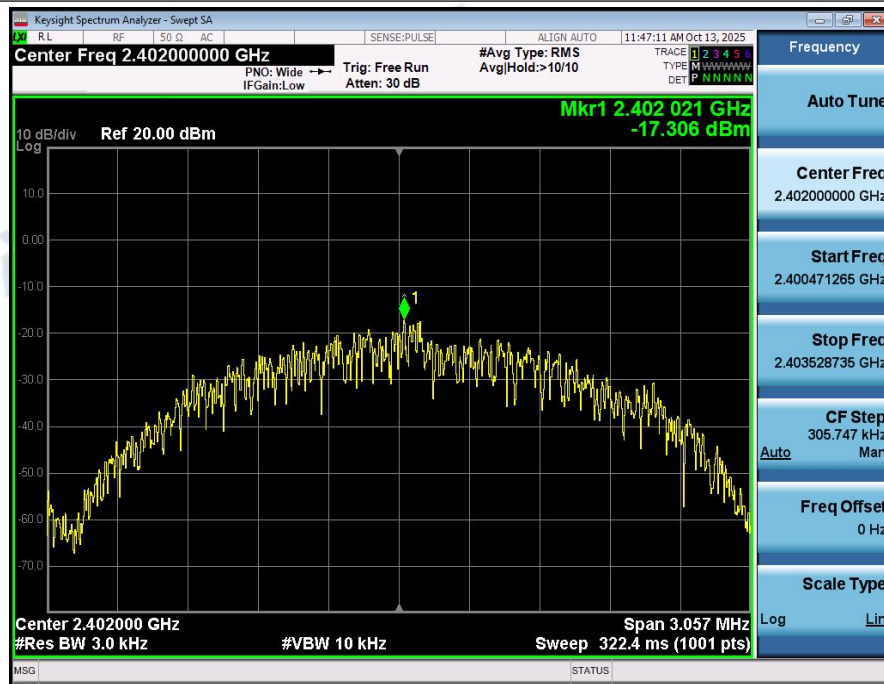
Power_Spectral_Density_BLE_1Mbps_2440



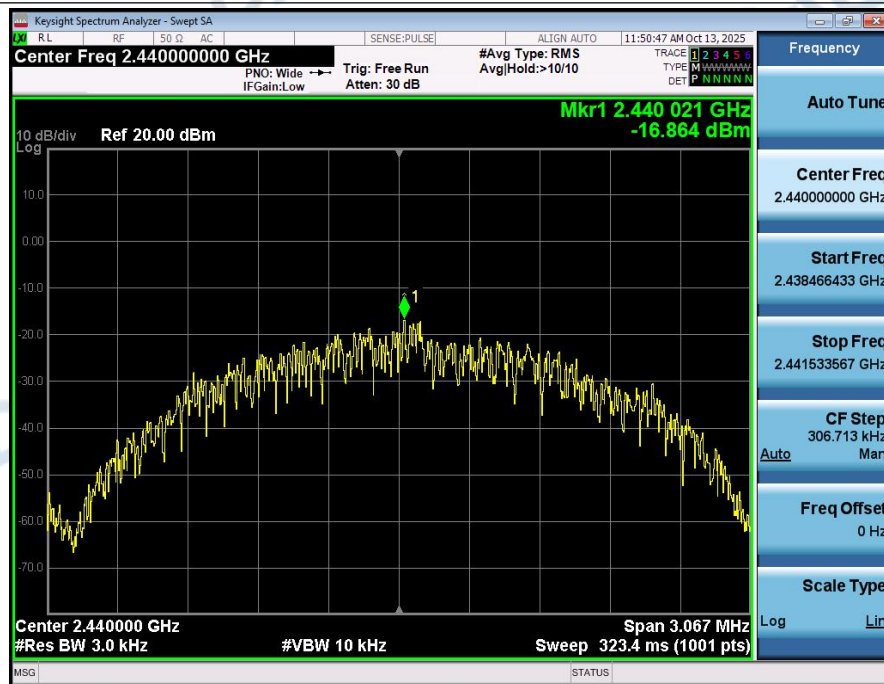
Power_Spectral_Density_BLE_1Mbps_2480



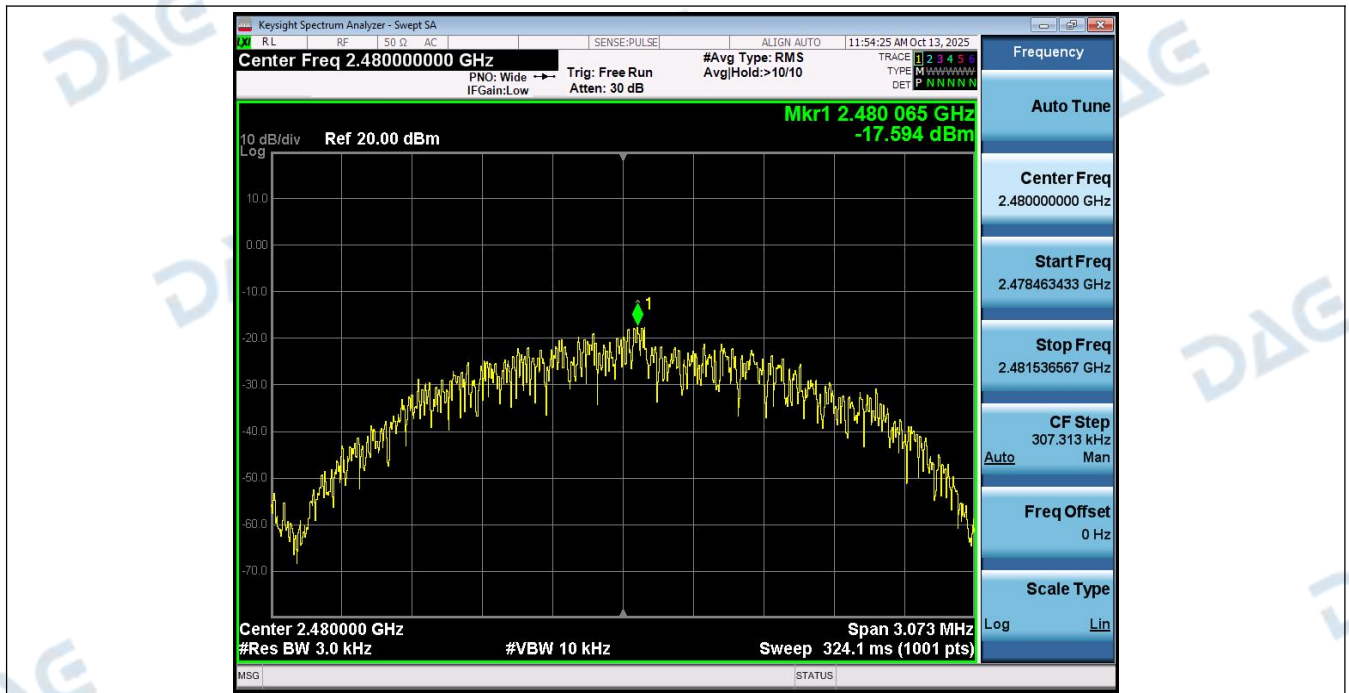
Power_Spectral_Density_BLE_2Mbps_2402



Power_Spectral_Density_BLE_2Mbps_2440



Power_Spectral_Density_BLE_2Mbps_2480



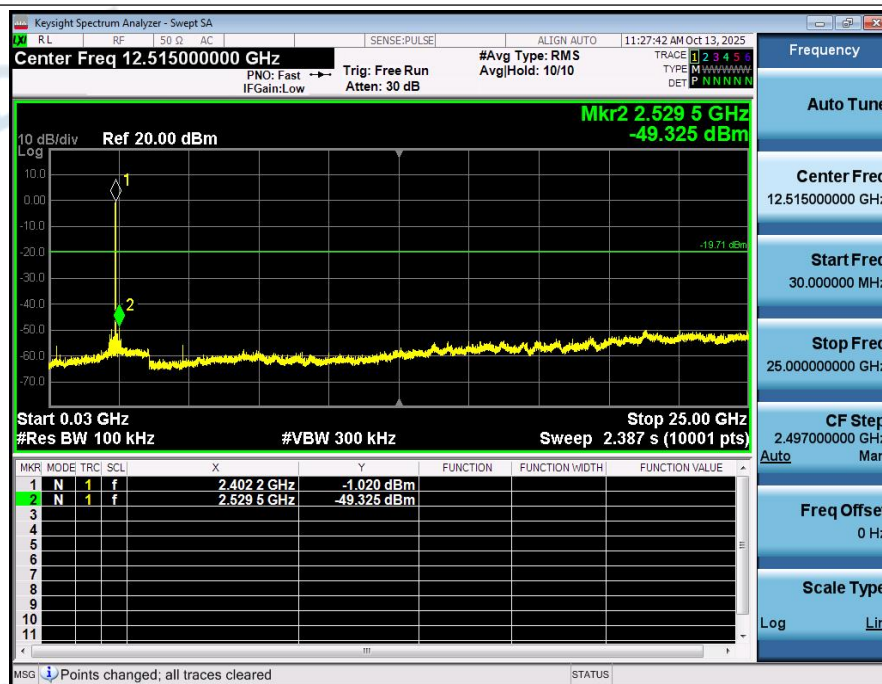
6. Spurious Emission

Condition	Antenna	Rate	TX_Frequency(MHz)	Spurious MAX.Value(dBm)	Limit(dBm)	Result
NVNT	ANT1	1Mbps	2402	-49.33	-19.71	Pass
NVNT	ANT1	1Mbps	2440.00	-49.87	-19.09	Pass
NVNT	ANT1	1Mbps	2480	-50.22	-19.39	Pass
NVNT	ANT1	2Mbps	2402	-48.99	-19.68	Pass
NVNT	ANT1	2Mbps	2440.00	-49.91	-19.19	Pass
NVNT	ANT1	2Mbps	2480	-50.11	-19.53	Pass

1_Reference_Level_BLE_1Mbps_2402



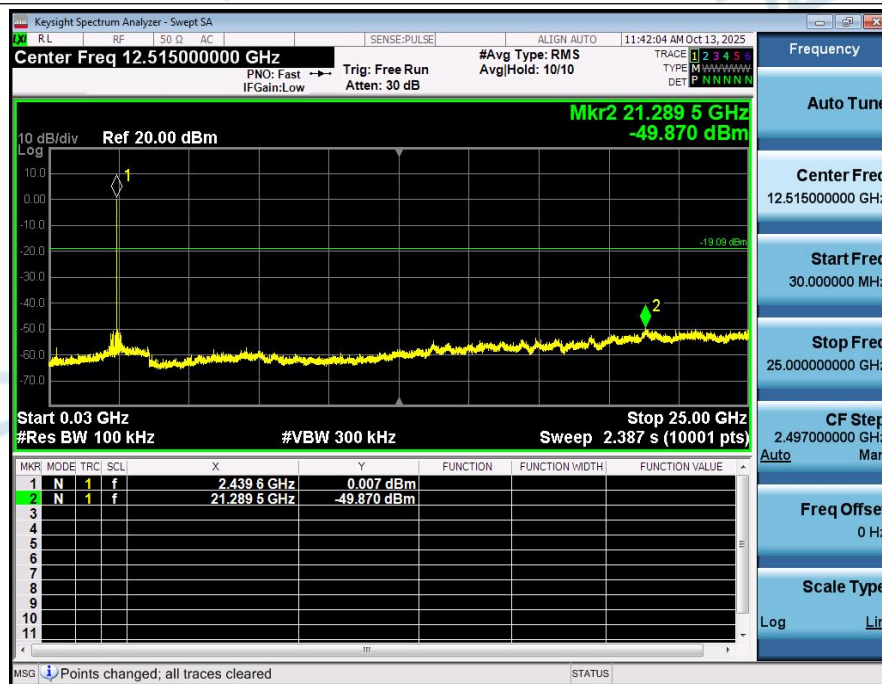
2_Spurious_Emission_BLE_1Mbps_2402



1_Reference_Level_BLE_1Mbps_2440



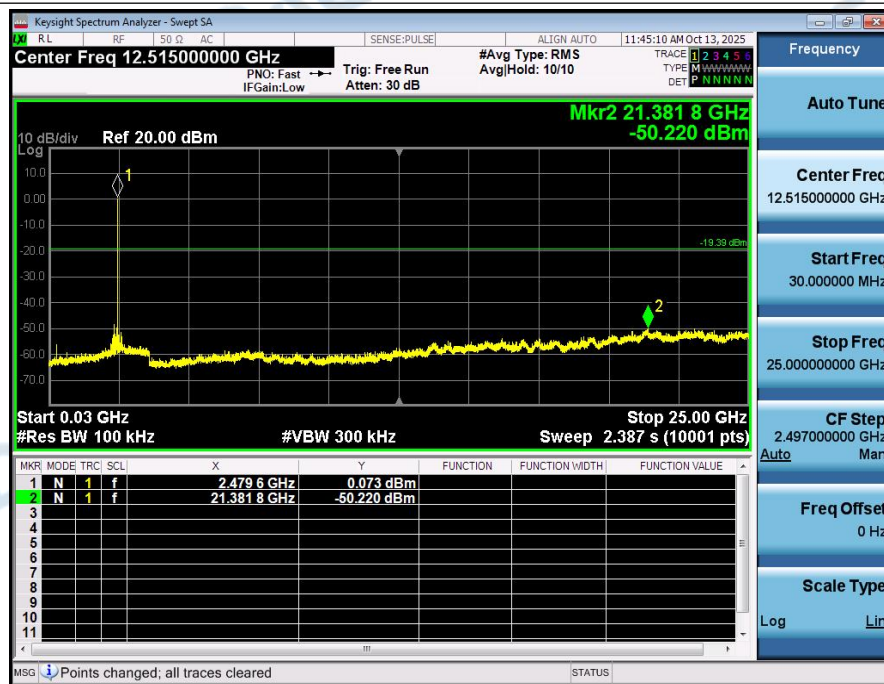
2_Spurious_Emission_BLE_1Mbps_2440



1_Reference_Level_BLE_1Mbps_2480



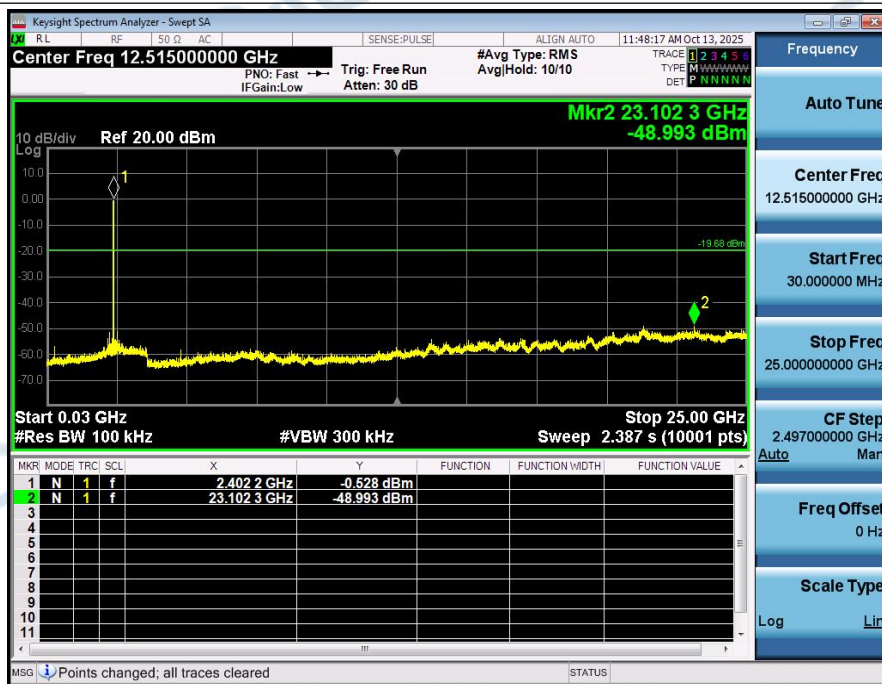
2_Spurious_Emission_BLE_1Mbps_2480



1_Reference_Level_BLE_2Mbps_2402



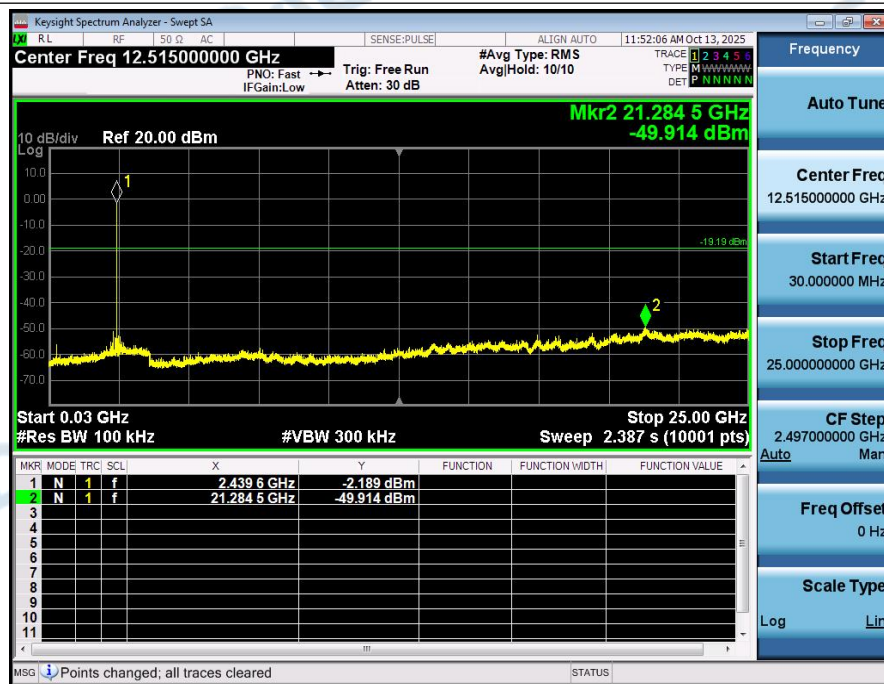
2_Spurious_Emission_BLE_2Mbps_2402



1_Reference_Level_BLE_2Mbps_2440



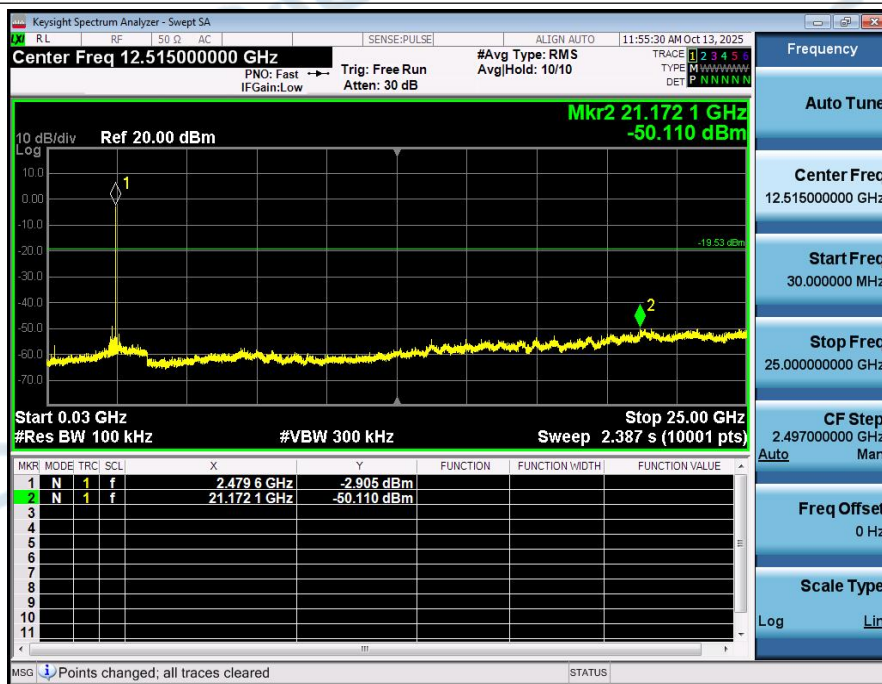
2_Spurious_Emission_BLE_2Mbps_2440



1_Reference_Level_BLE_2Mbps_2480



2_Spurious_Emission_BLE_2Mbps_2480



***** End of Report *****