

Appendix A

RF Test Data for BT(BLE) (Conducted Measurement)

Product Name: TWICE CANDYBONG Z

Trade Mark: N/A

Test Model: TWICE02V

FCC ID: 2ATJV-TWICE02V

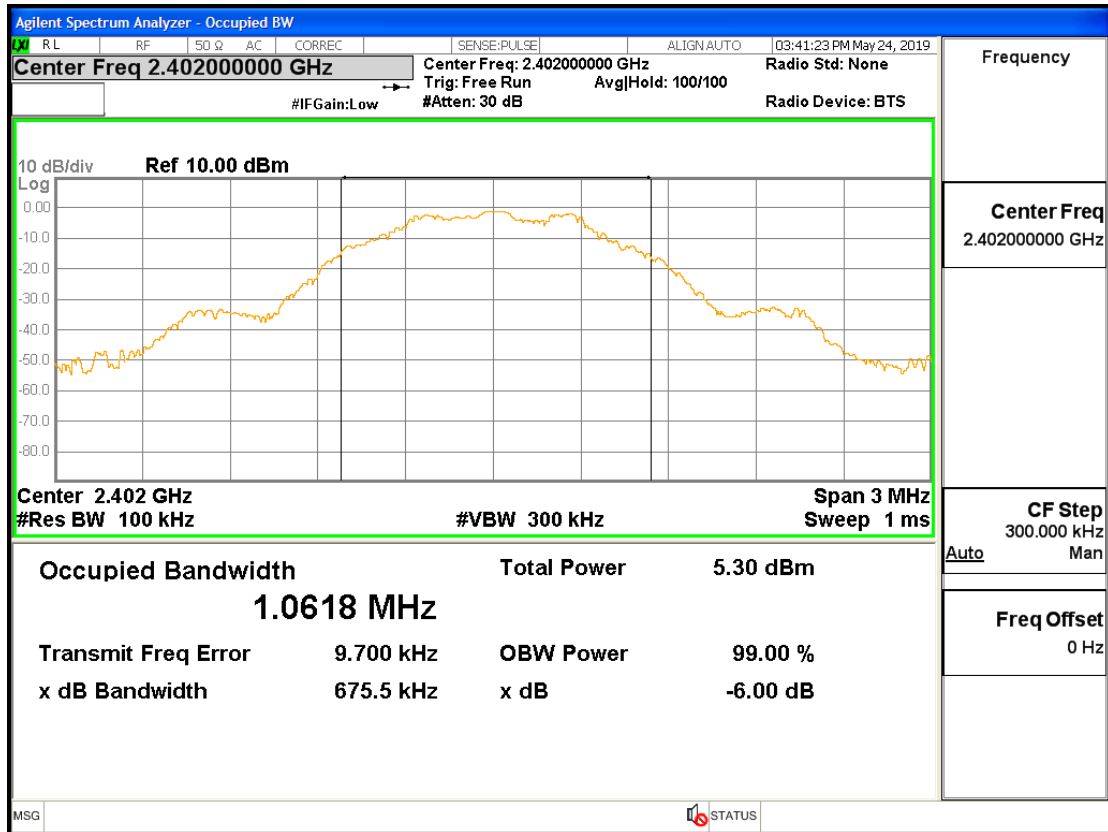
Environmental Conditions

Temperature:	23.7° C
Relative Humidity:	60%
ATM Pressure:	100.0 kPa
Test Engineer:	Gary Qian
Supervised by:	Eden Hu

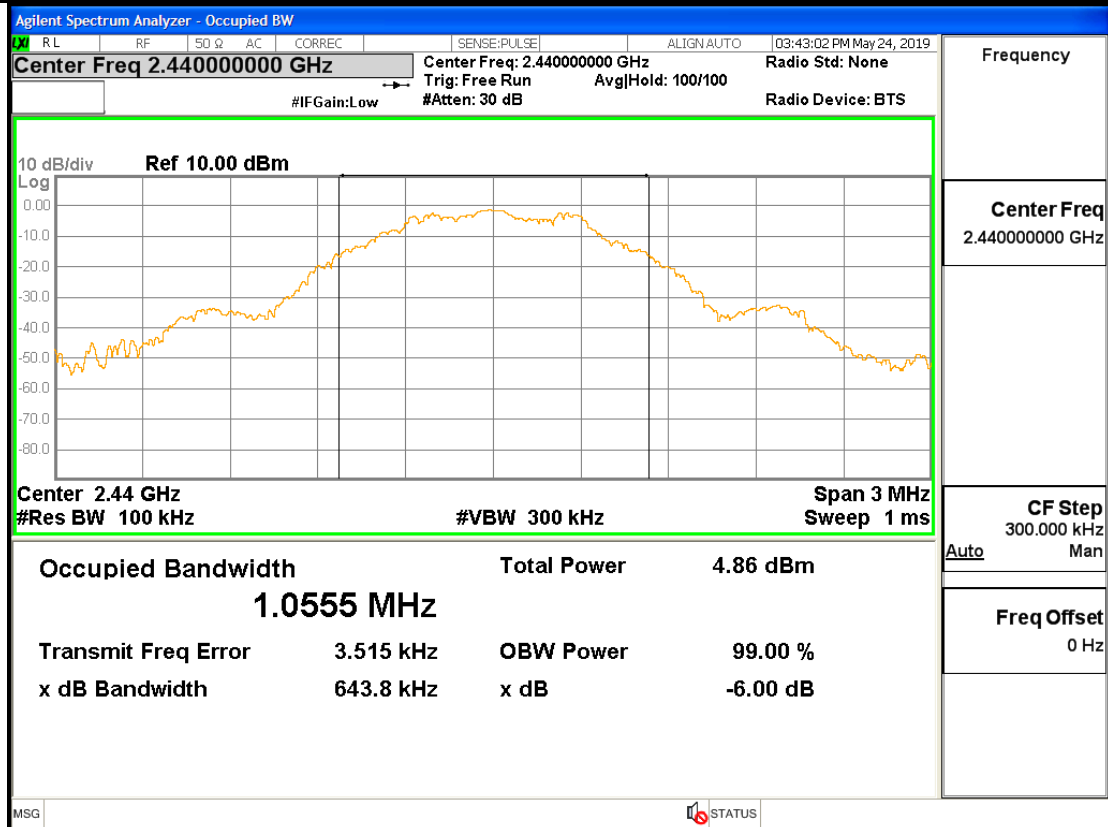
1.6dB Bandwidth

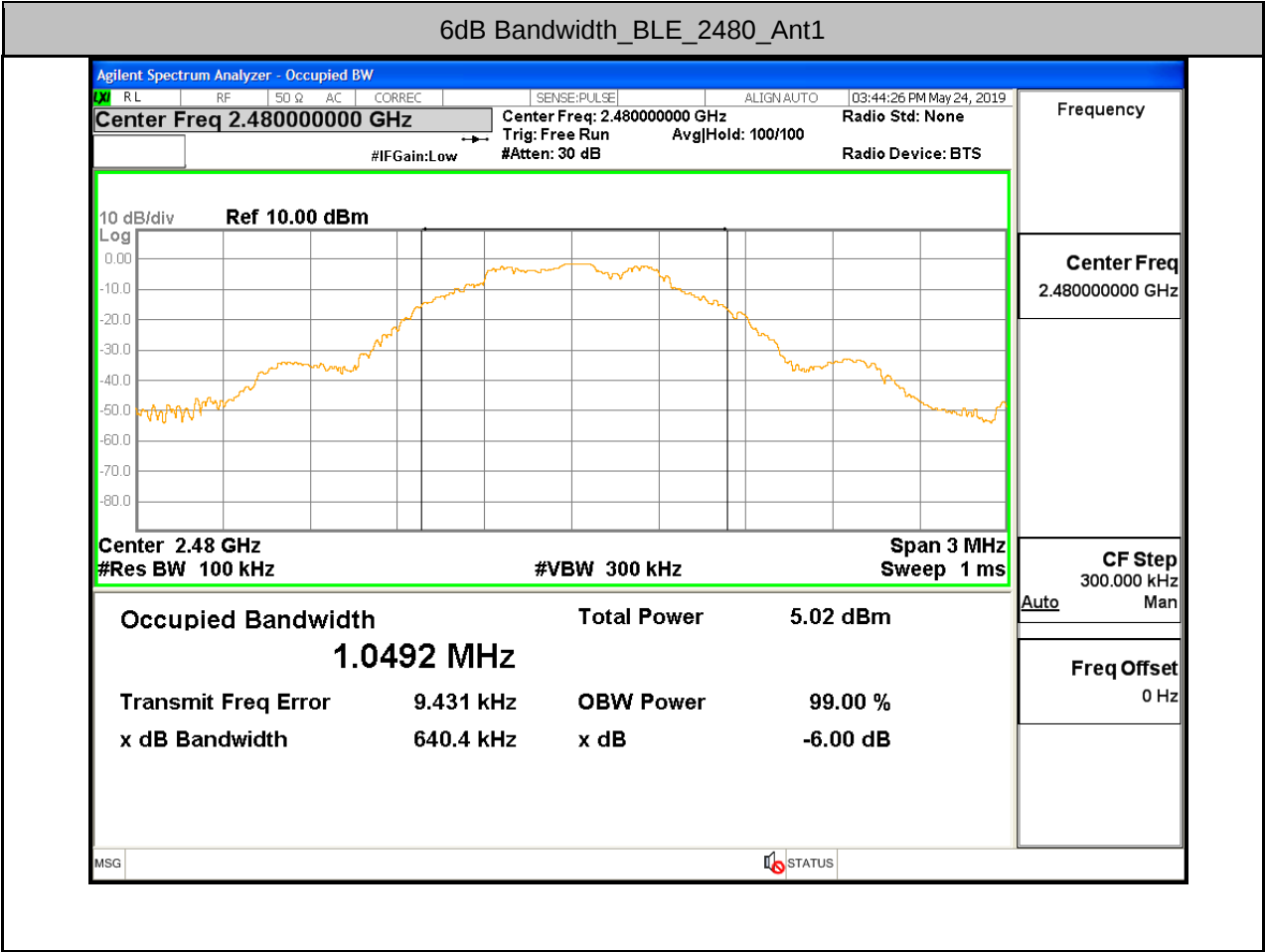
Test Mode	Test Channel	Ant	EBW[MHz]	Limit	Verdict
BLE	2402	Ant1	0.676	0.5	PASS
BLE	2440	Ant1	0.644	0.5	PASS
BLE	2480	Ant1	0.640	0.5	PASS

6dB Bandwidth_BLE_2402_Ant1



6dB Bandwidth_BLE_2440_Ant1





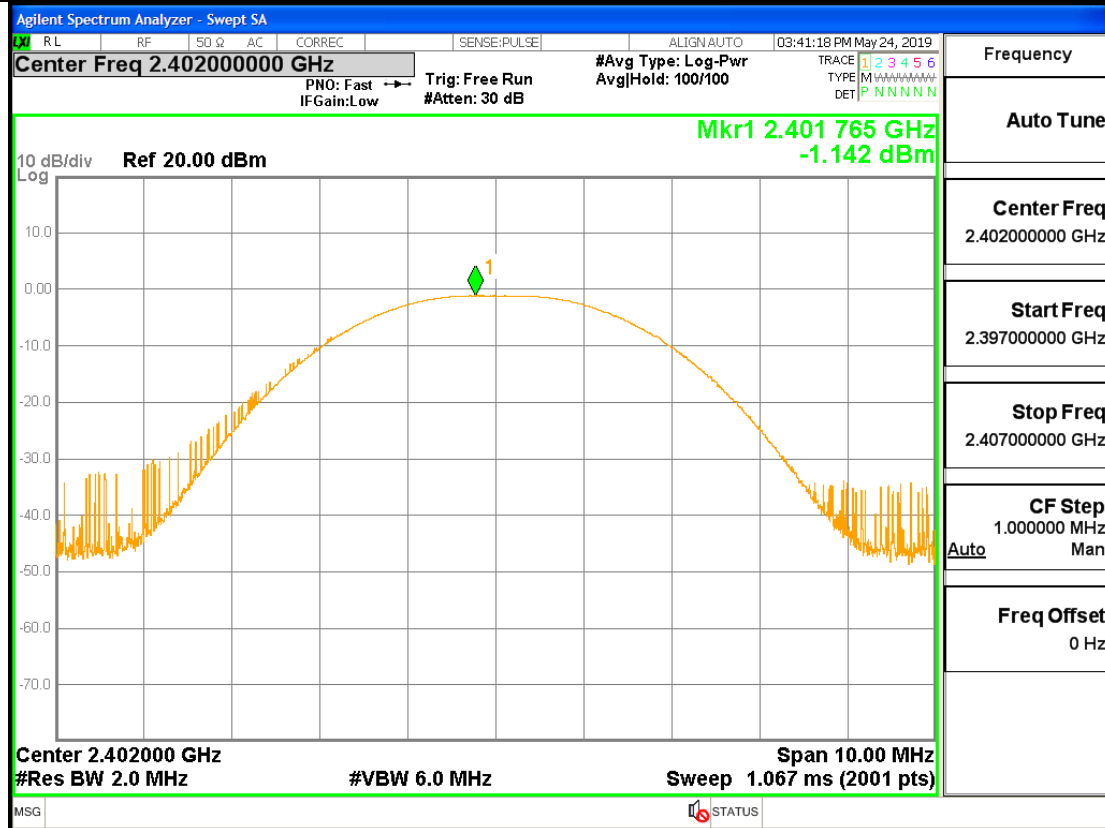
2.Occupied Bandwidth

Test Mode	Test Channel	Ant	OBW[MHz]	Limit[MHz]	Verdict
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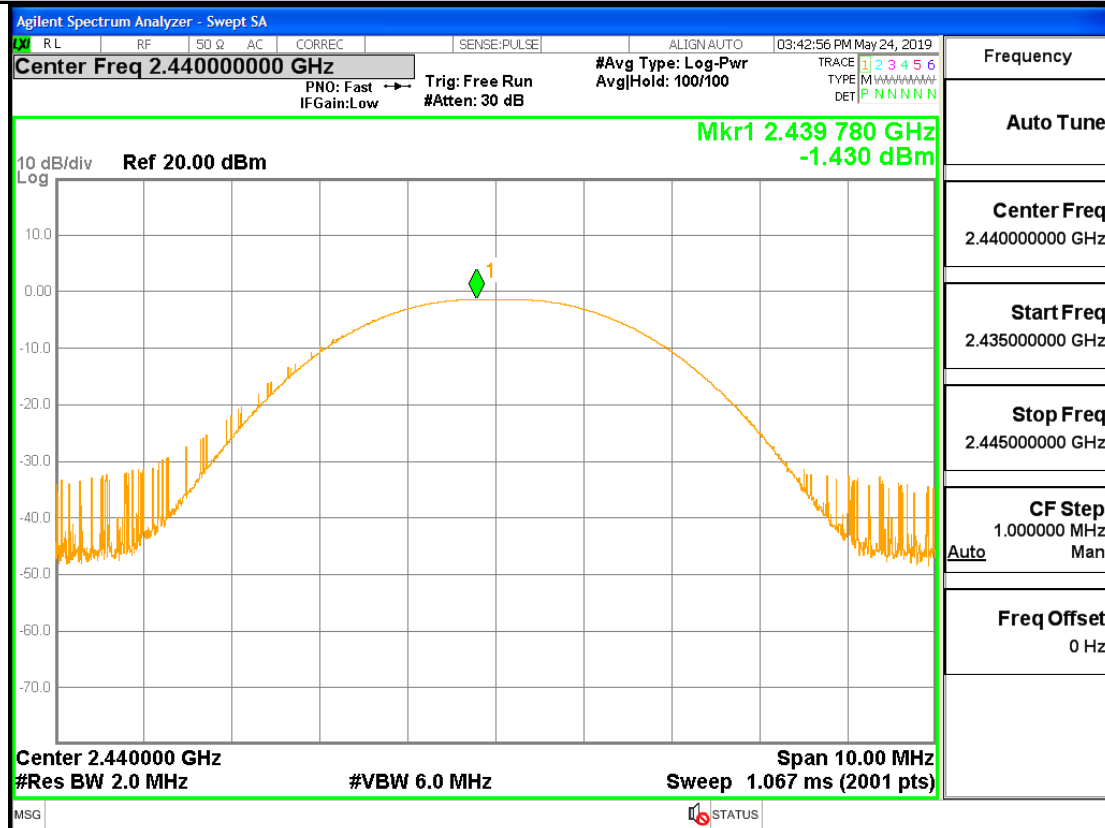
3.Maximum peak conducted output power

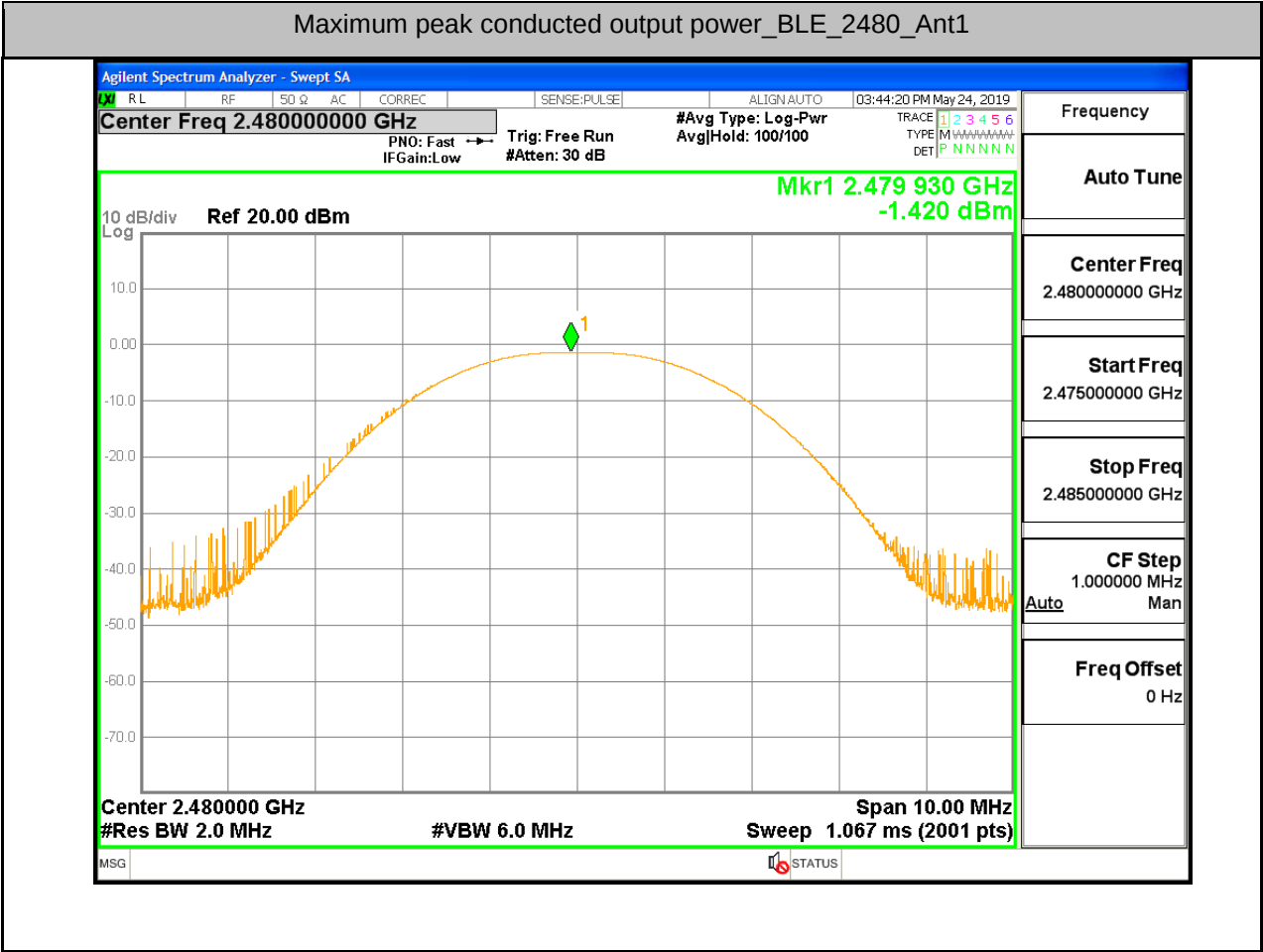
Test Mode	Test Channel	Ant	Power[dBm]	Limit[dBm]	Verdict
BLE	2402	Ant1	-1.142	30	PASS
BLE	2440	Ant1	-1.430	30	PASS
BLE	2480	Ant1	-1.420	30	PASS

Maximum peak conducted output power_BLE_2402_Ant1



Maximum peak conducted output power_BLE_2440_Ant1

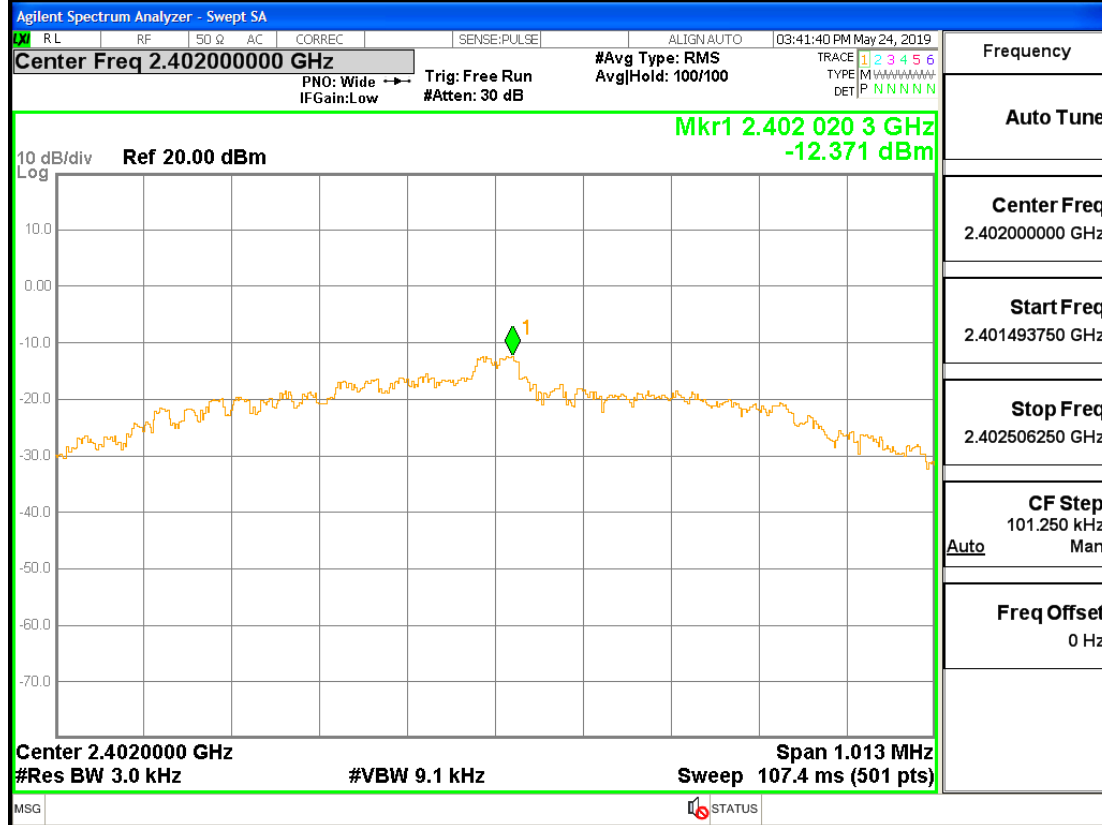




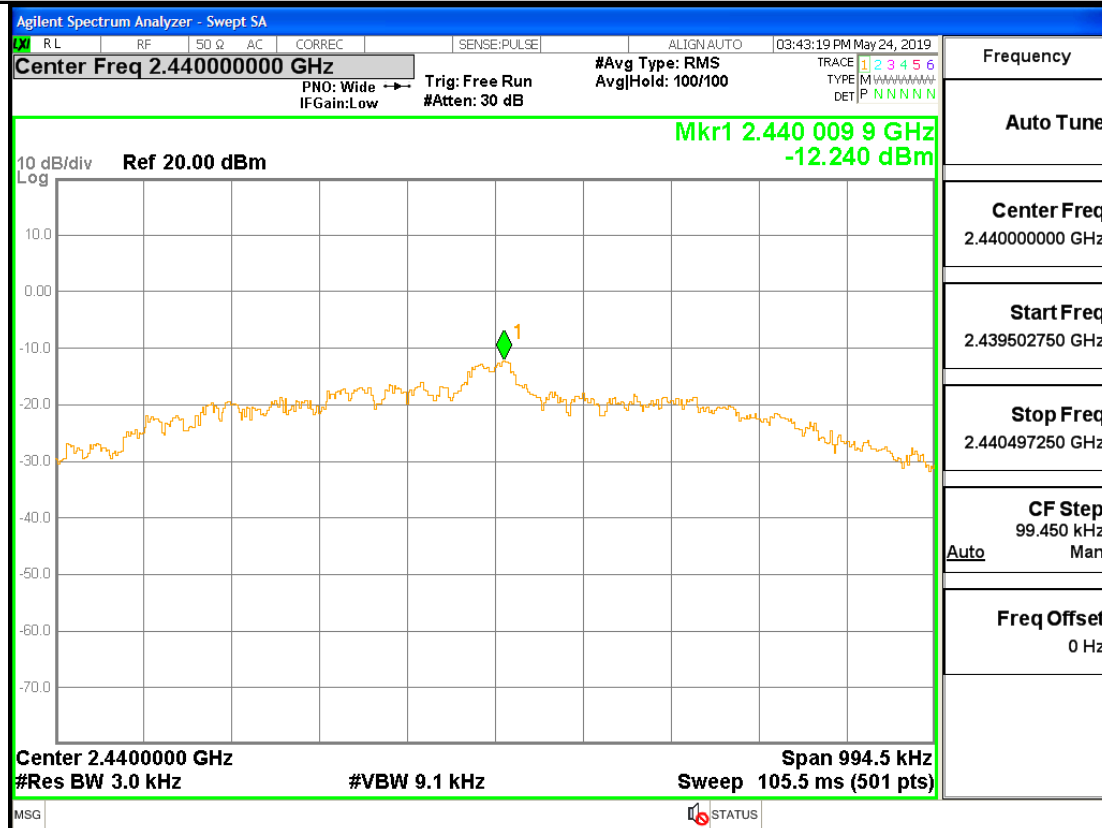
4.Maximum Peak power spectral density

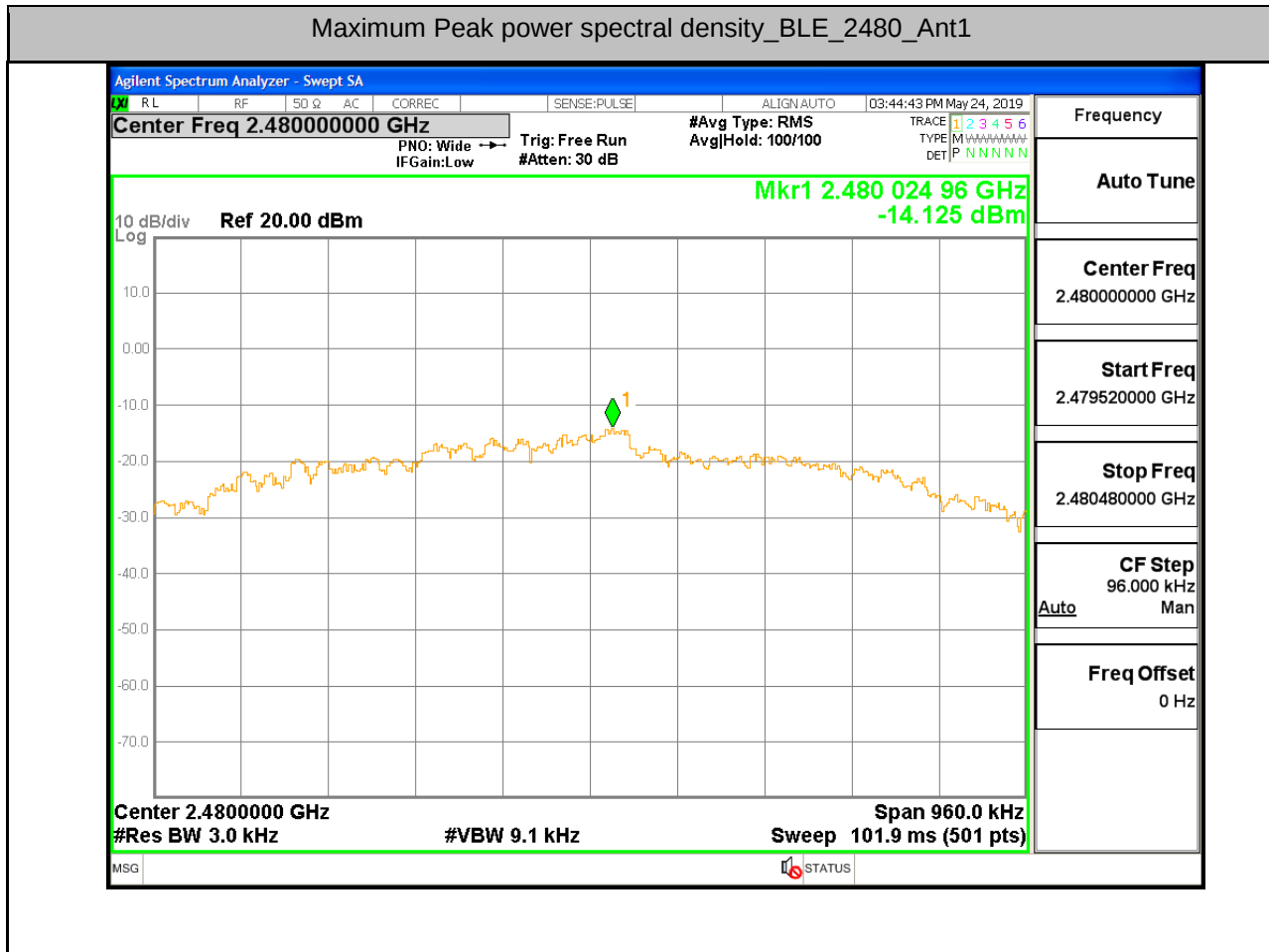
Test Mode	Test Channel	Ant	PSD[dBm/3KHz]	Limit[dBm/3KHz]	Verdict
BLE	2402	Ant1	-12.371	8.00	PASS
BLE	2440	Ant1	-12.240	8.00	PASS
BLE	2480	Ant1	-14.125	8.00	PASS

Maximum Peak power spectral density_BLE_2402_Ant1



Maximum Peak power spectral density_BLE_2440_Ant1

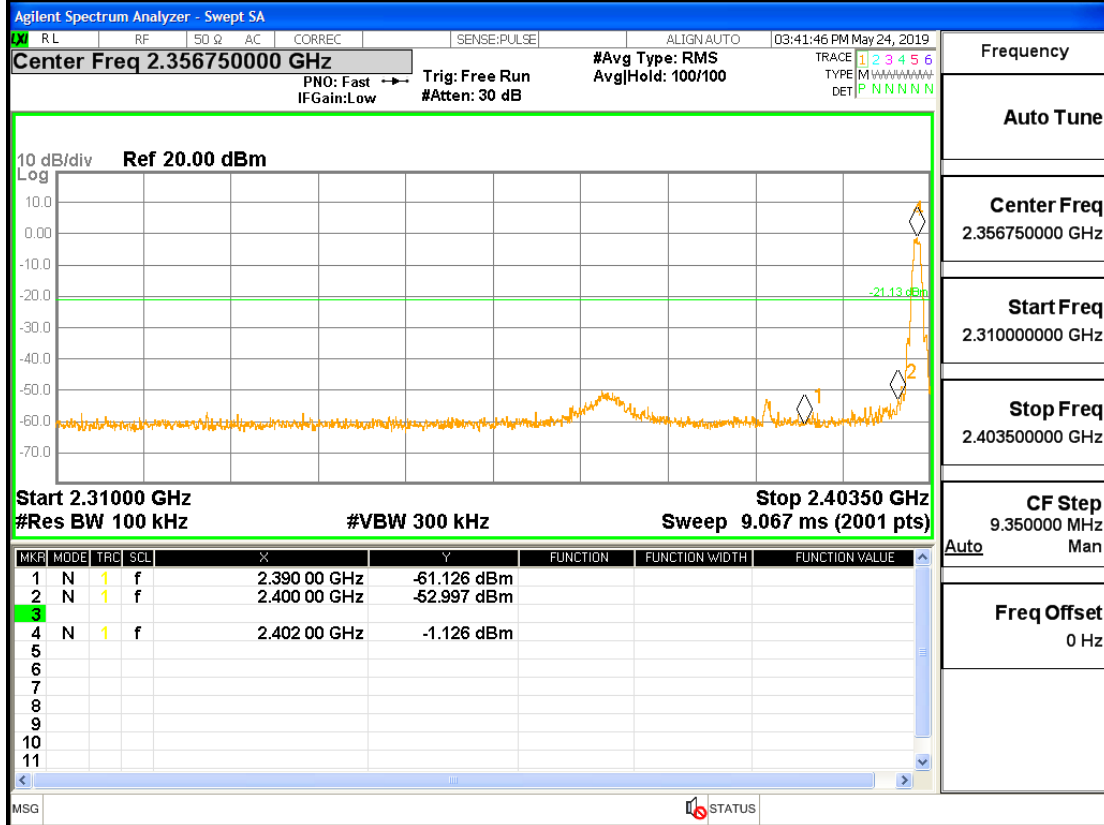




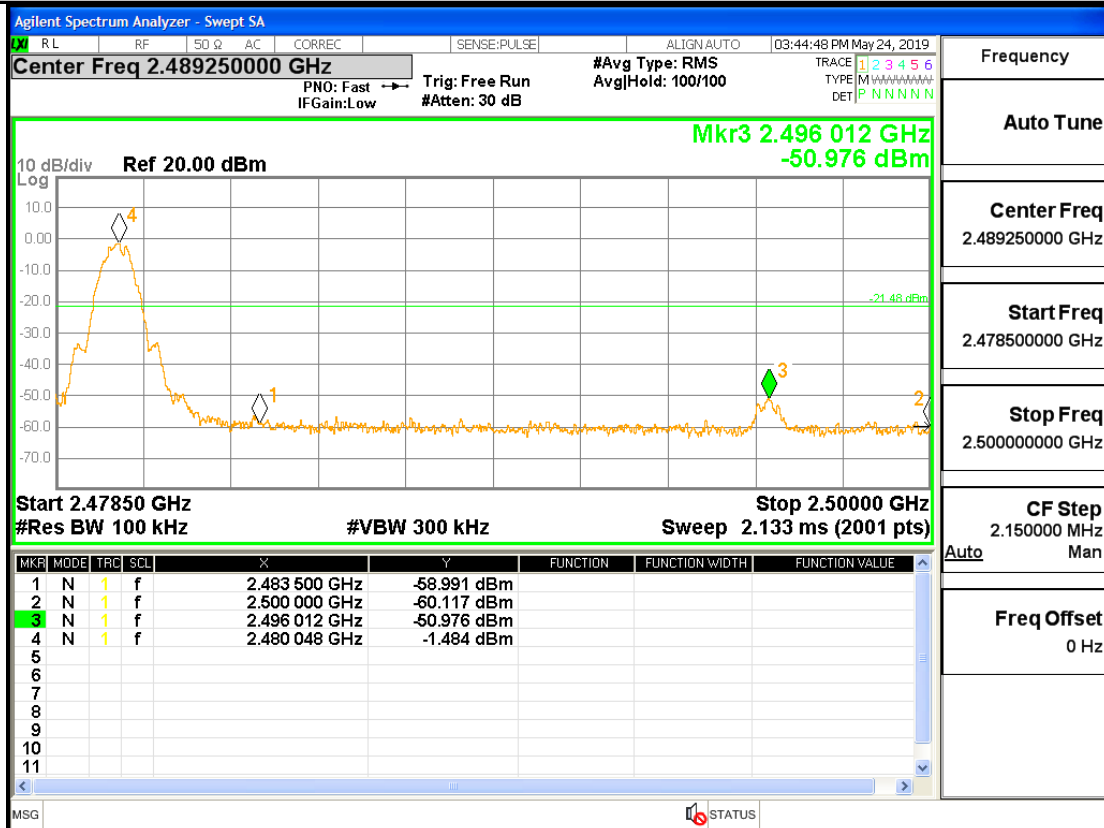
5.Band-edge for RF Conducted Emissions

Type	Carrier Frequency(MHz)	Frequency(MHz)	Carrier Frequency Power [dBm]	Bandedge Peak(dBm)	Upper limit(dBm)	Conclusion
BLE	2402	2400	-1.126	-53.000	-21.126	Pass
BLE	2480	2486.5	-1.484	-50.976	-21.484	Pass

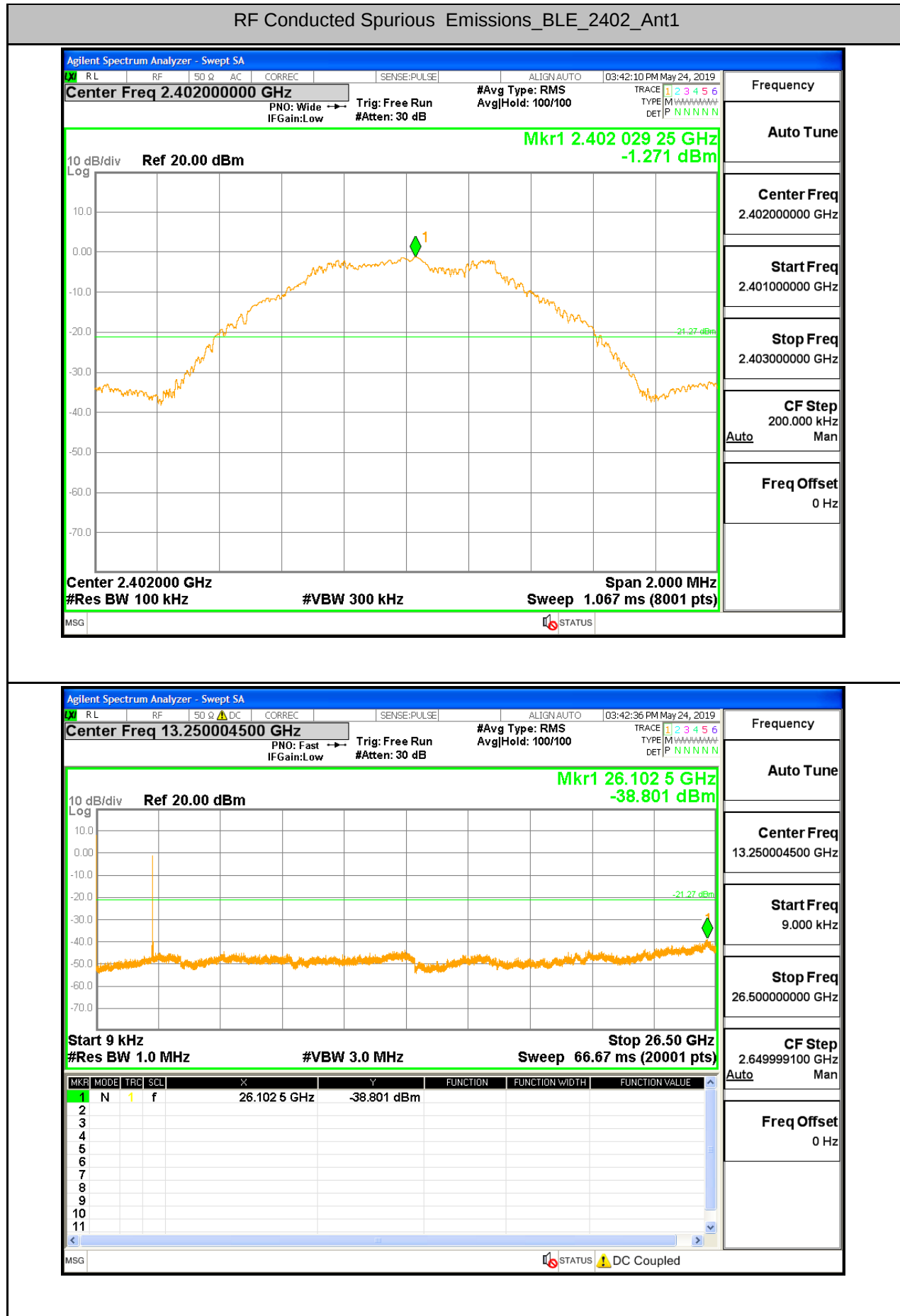
Band-edge for RF Conducted Emissions_BLE_2402_Ant1

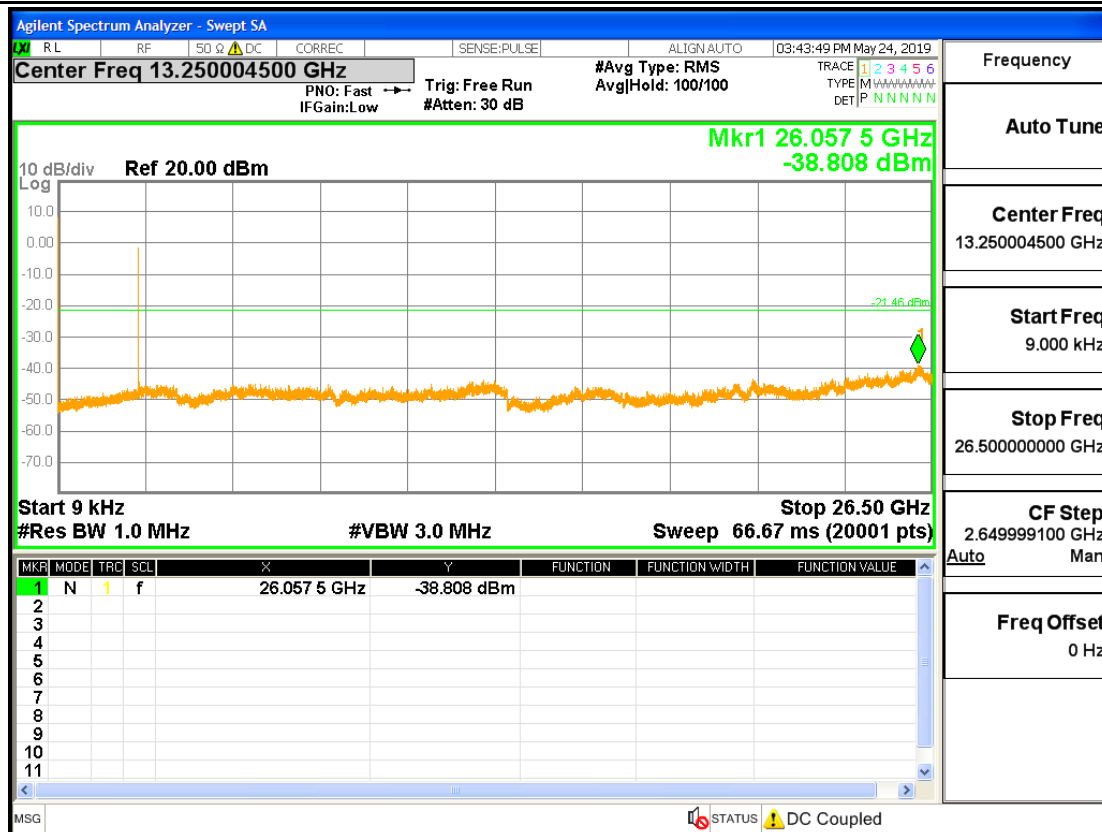


Band-edge for RF Conducted Emissions_BLE_2480_Ant1

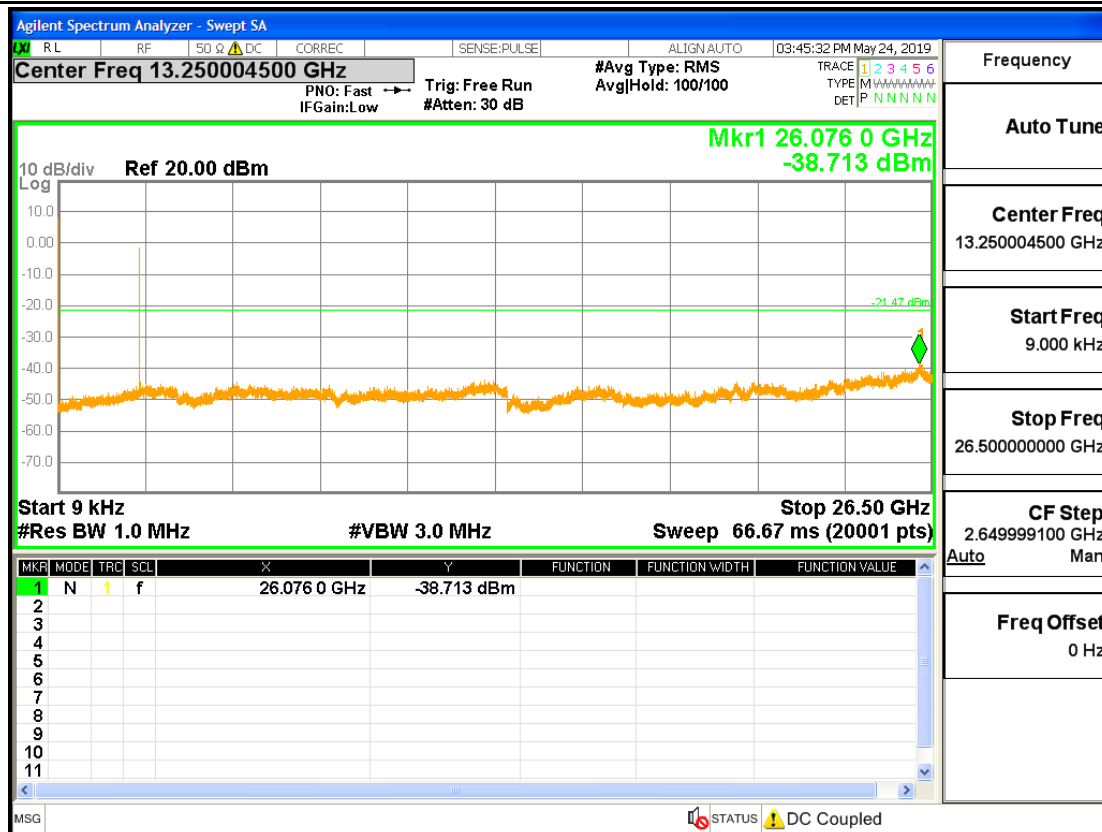
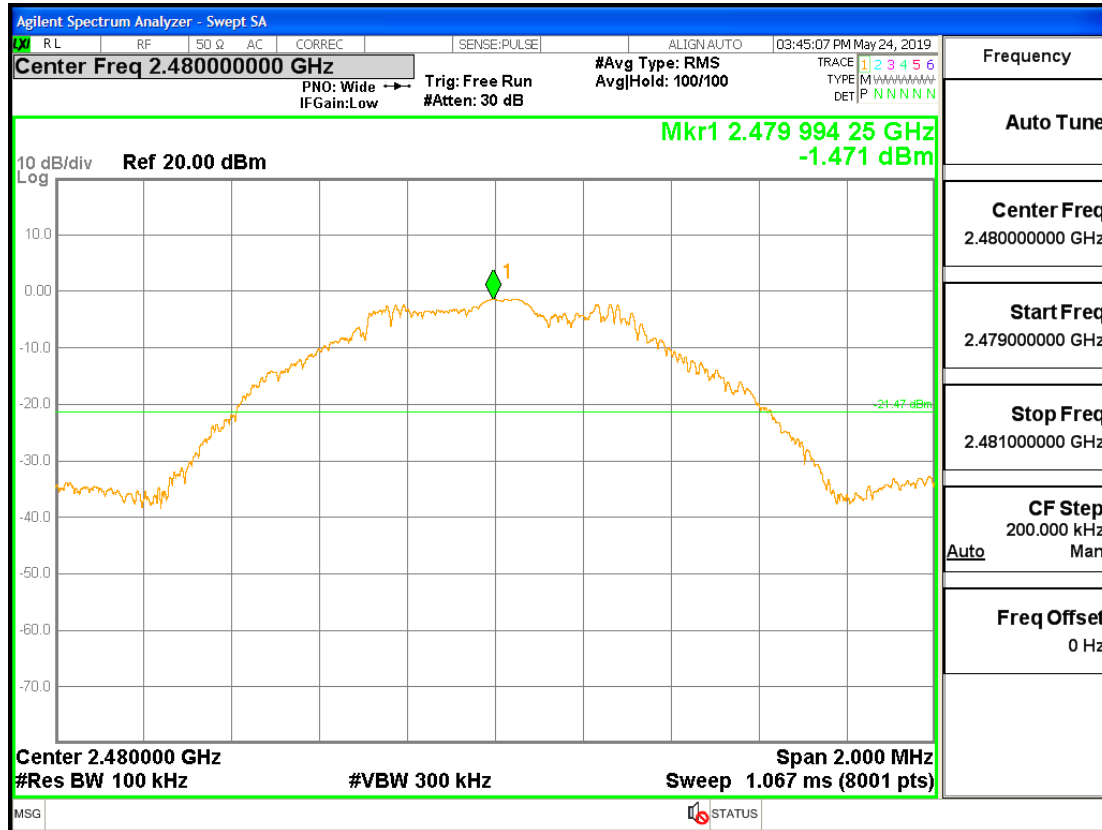


6.RF Conducted Spurious Emissions





RF Conducted Spurious Emissions_BLE_2480_Ant1

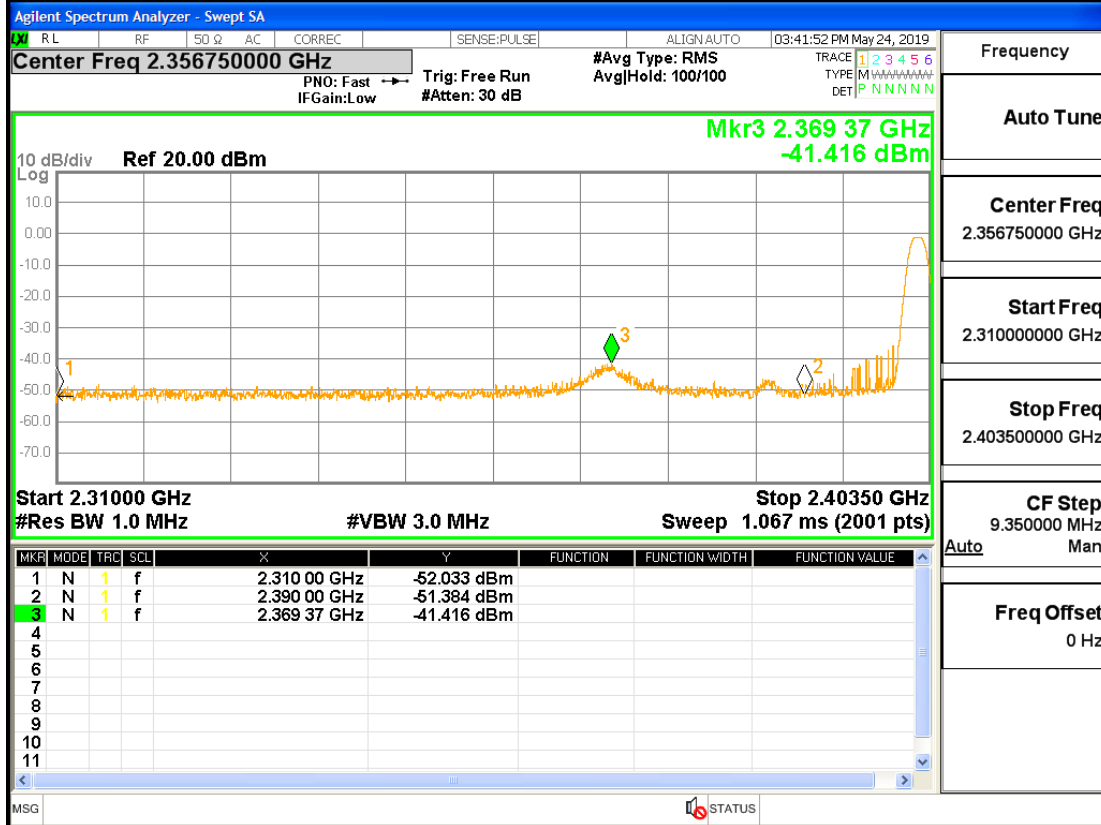


7.Restrict-band band-edge measurements

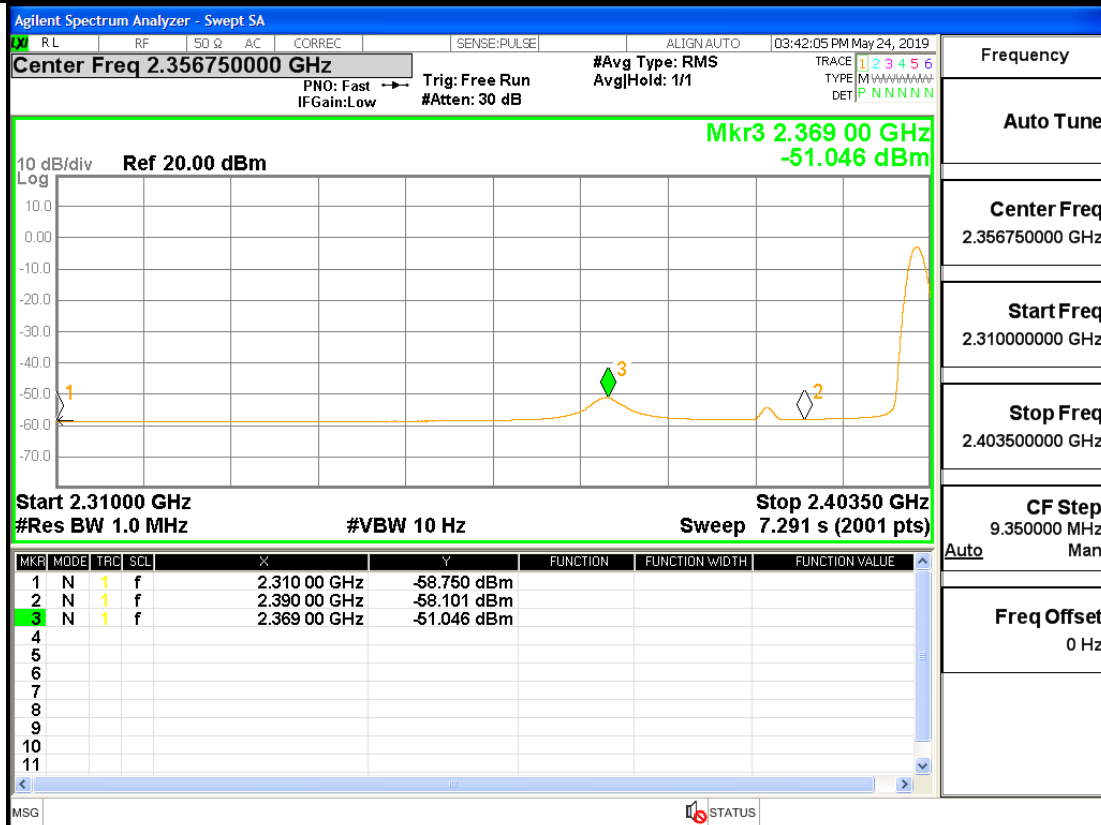
Type	Carrier Frequency (MHz)	Frequency(MHz)	Gain	Ground Factor	Peak Value(dBm)	E [dBuV/m]	Limit [dBuV/m]	Conclusion
1DH5	2402	2369.4	2.00	0.00	-41.42	55.78	74	Pass
1DH5	2480	2484.5	2.00	0.00	-41.13	56.07	74	Pass

Type	Carrier Frequency (MHz)	Frequency(MHz)	Gain	Ground Factor	Average Value(dBm)	E [dBuV/m]	Limit [dBuV/m]	Conclusion
1DH5	2402	2369.0	2.00	0.00	-51.05	46.15	54	Pass
1DH5	2480	2483.5	2.00	0.00	-55.80	41.40	54	Pass

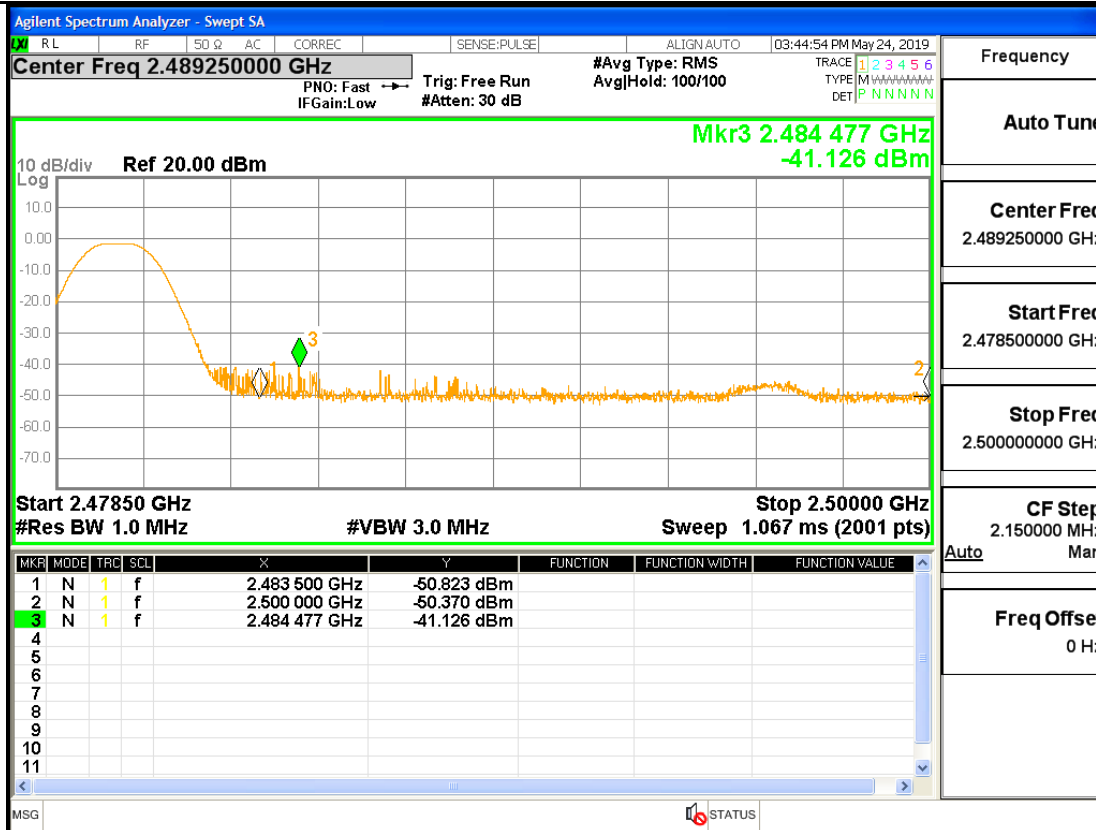
Restrict-band band-edge measurements_BLE_2402_Ant1_PEAK



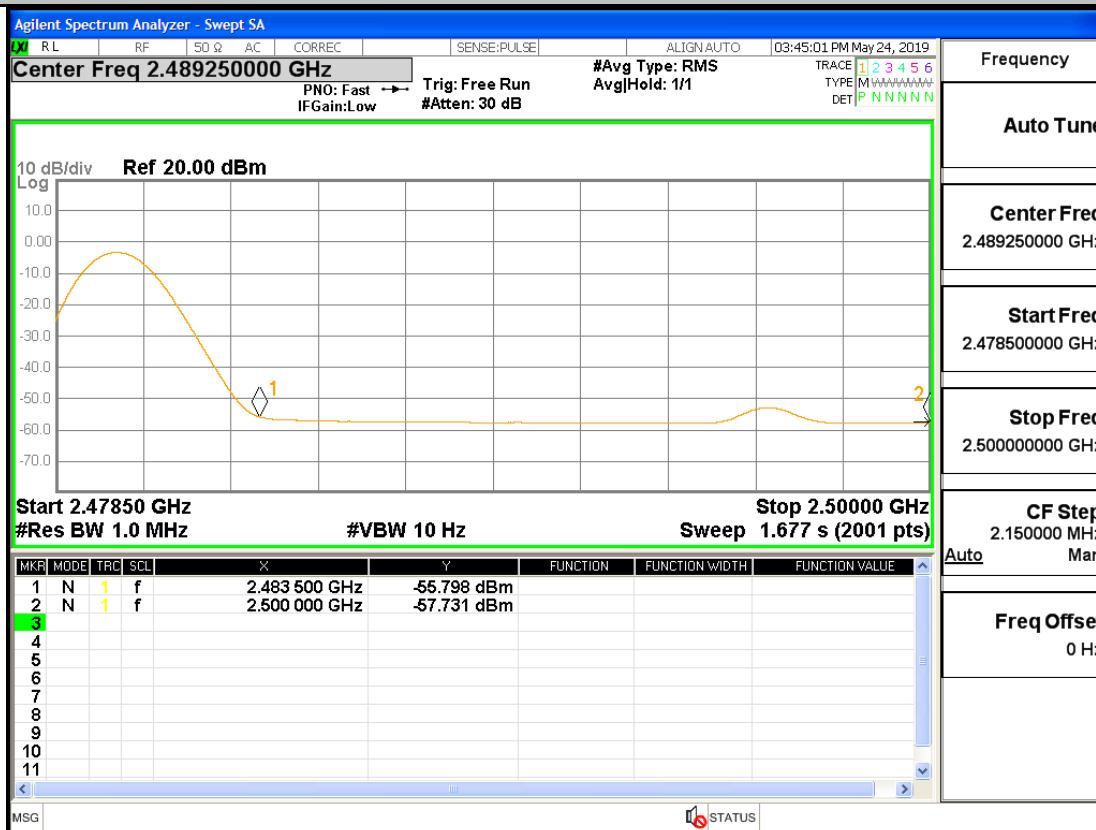
Restrict-band band-edge measurements_BLE_2402_Ant1_AV



Restrict-band band-edge measurements_BLE_2480_Ant1_PEAK



Restrict-band band-edge measurements_BLE_2480_Ant1_AV



8.Duty Cycle

Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict
BLE	2440	Ant1	70.22	PASS

