

Appendix A

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

Product Name: BOHA!™ tablet

Trade Mark: BOHA!™

Test Model: 10 inch Tablet PC

FCC ID: 2ASX3-BOHA

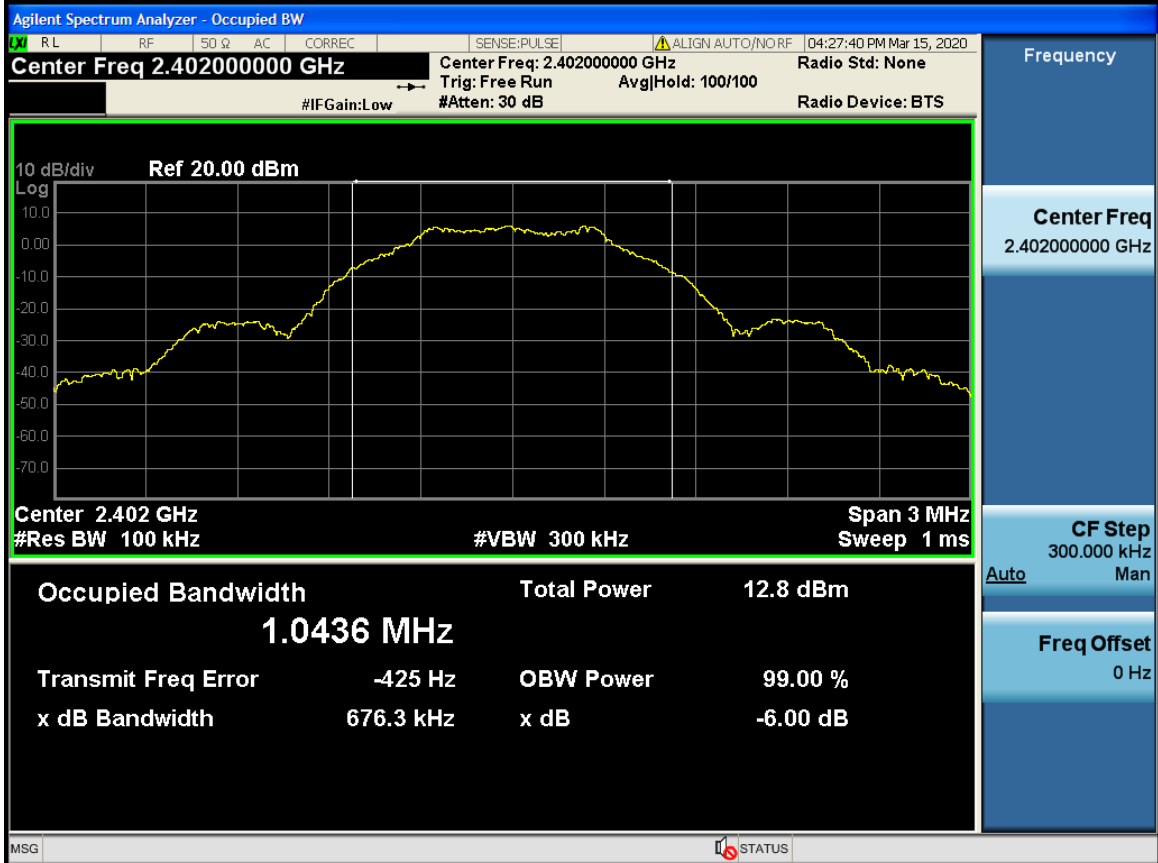
Environmental Conditions

Temperature:	22.8° C
Relative Humidity:	60%
ATM Pressure:	100.0 kPa
Test Engineer:	Anna Hu
Supervised by:	Hugo Chen
NOTE	N/A

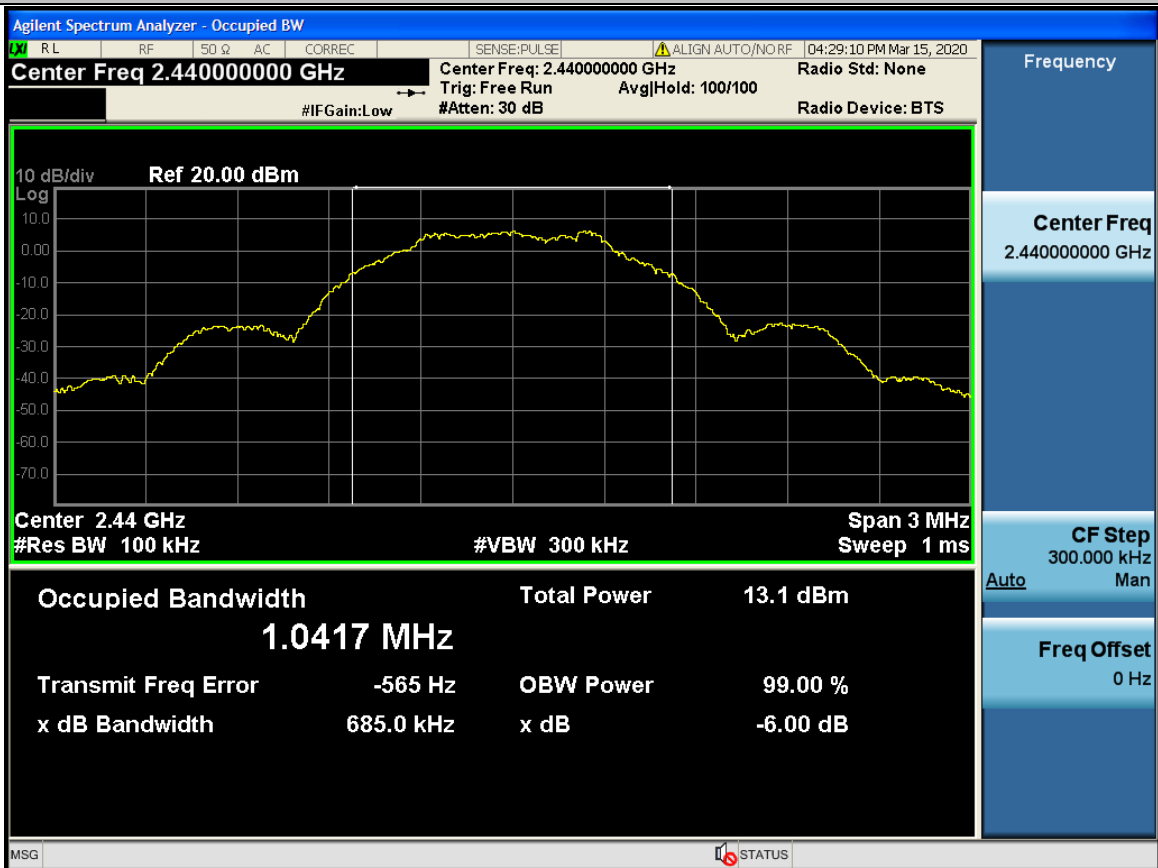
A.1. 6dB Bandwidth

Test Mode	Test Channel	Ant	EBW[MHz]	Limit	Verdict
BLE	2402	Ant1	0.676	0.5	PASS
BLE	2440	Ant1	0.685	0.5	PASS
BLE	2480	Ant1	0.683	0.5	PASS

6dB Bandwidth_BLE_2402_Ant1



6dB Bandwidth_BLE_2440_Ant1





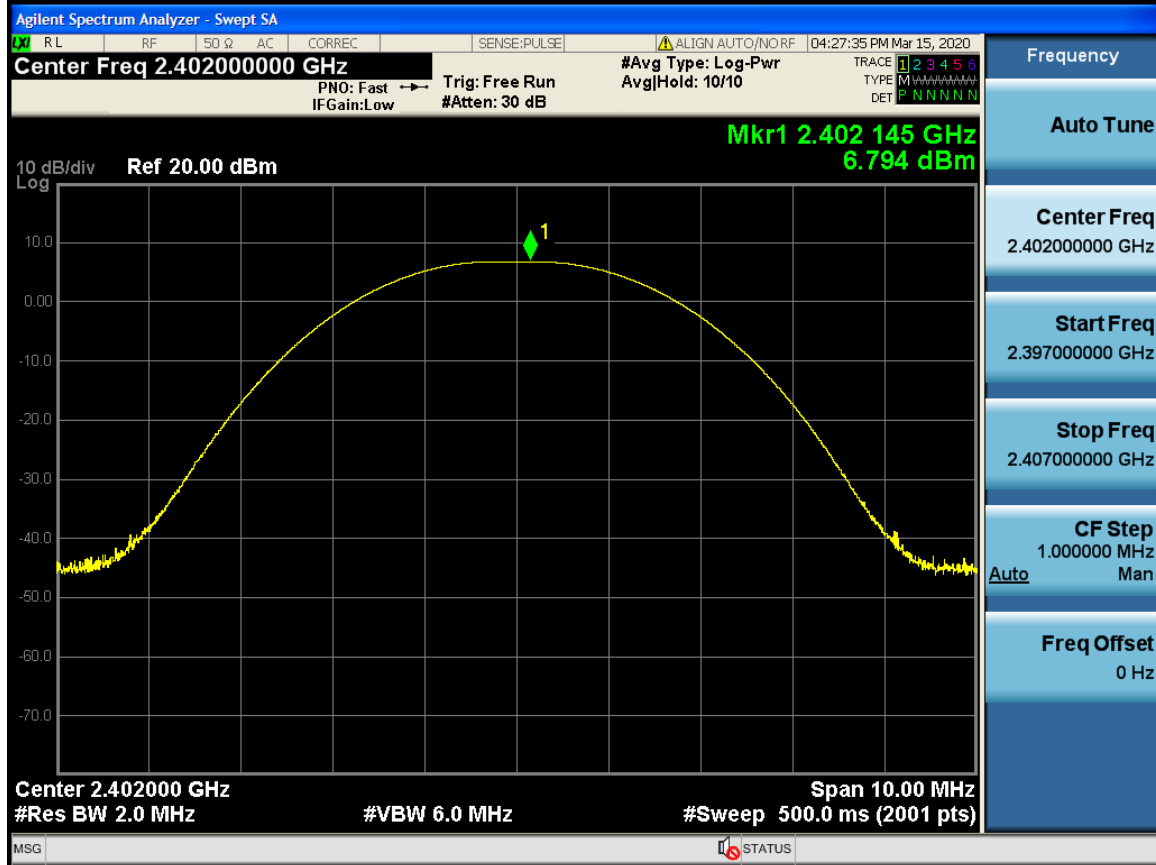
A.2. Occupied Bandwidth

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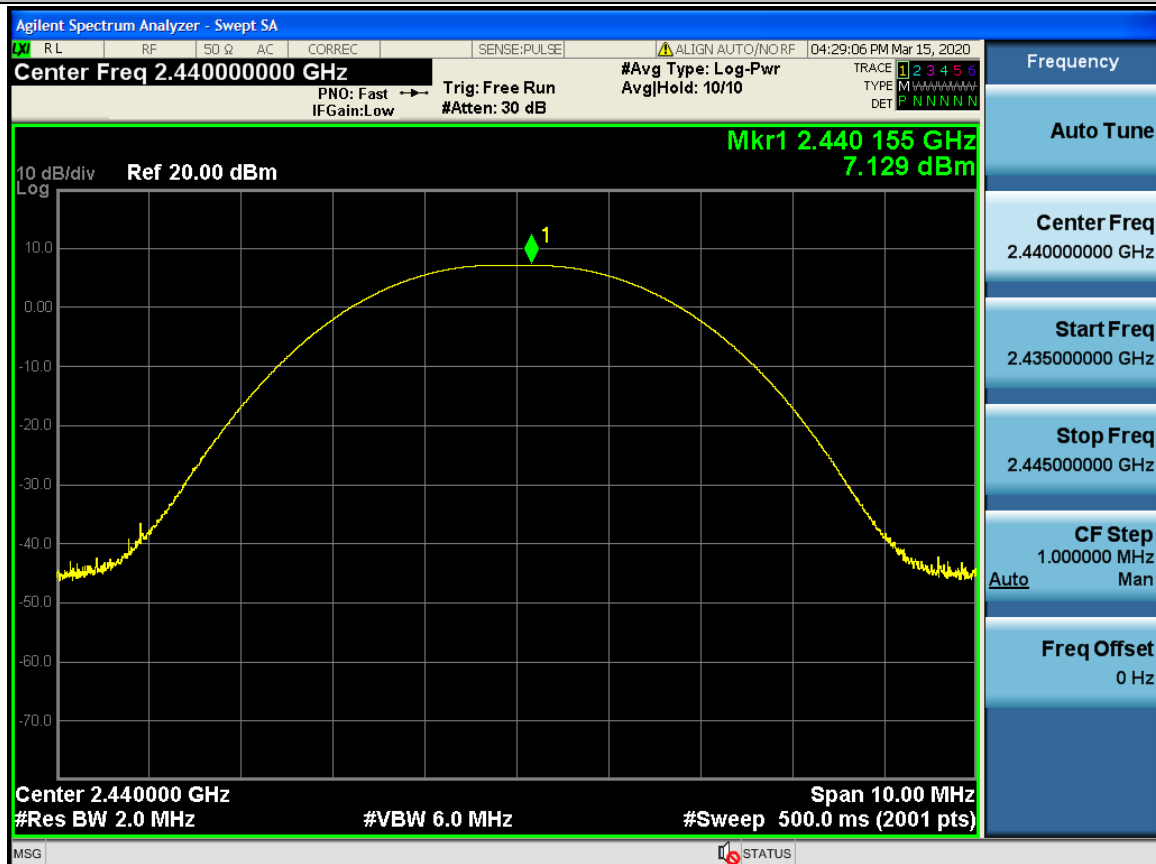
A.3. Maximum peak conducted output power

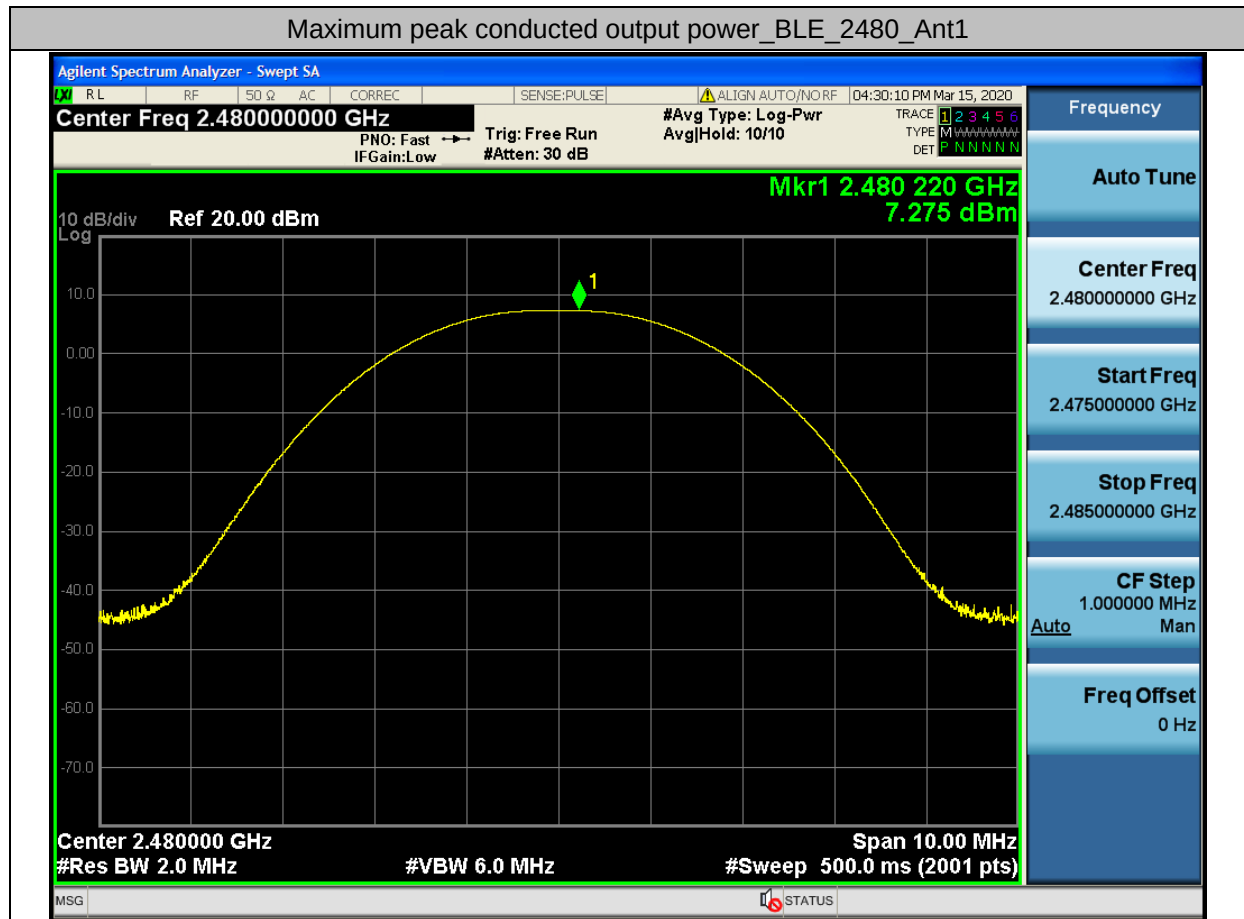
Test Mode	Test	Ant	Power[dBm]	Limit[dBm]	Verdict
BLE	2402	Ant1	6.794	30	PASS
BLE	2440	Ant1	7.129	30	PASS
BLE	2480	Ant1	7.275	30	PASS

Maximum peak conducted output power_BLE_2402_Ant1



Maximum peak conducted output power_BLE_2440_Ant1

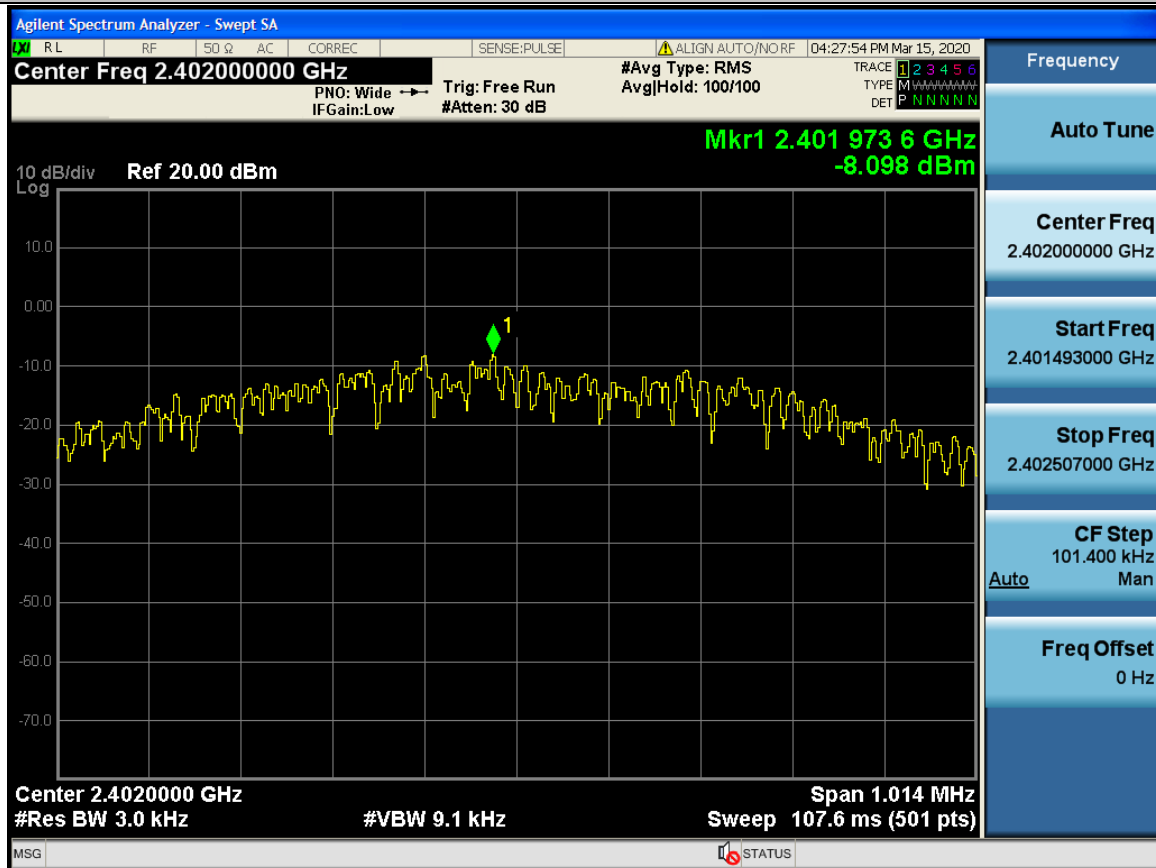




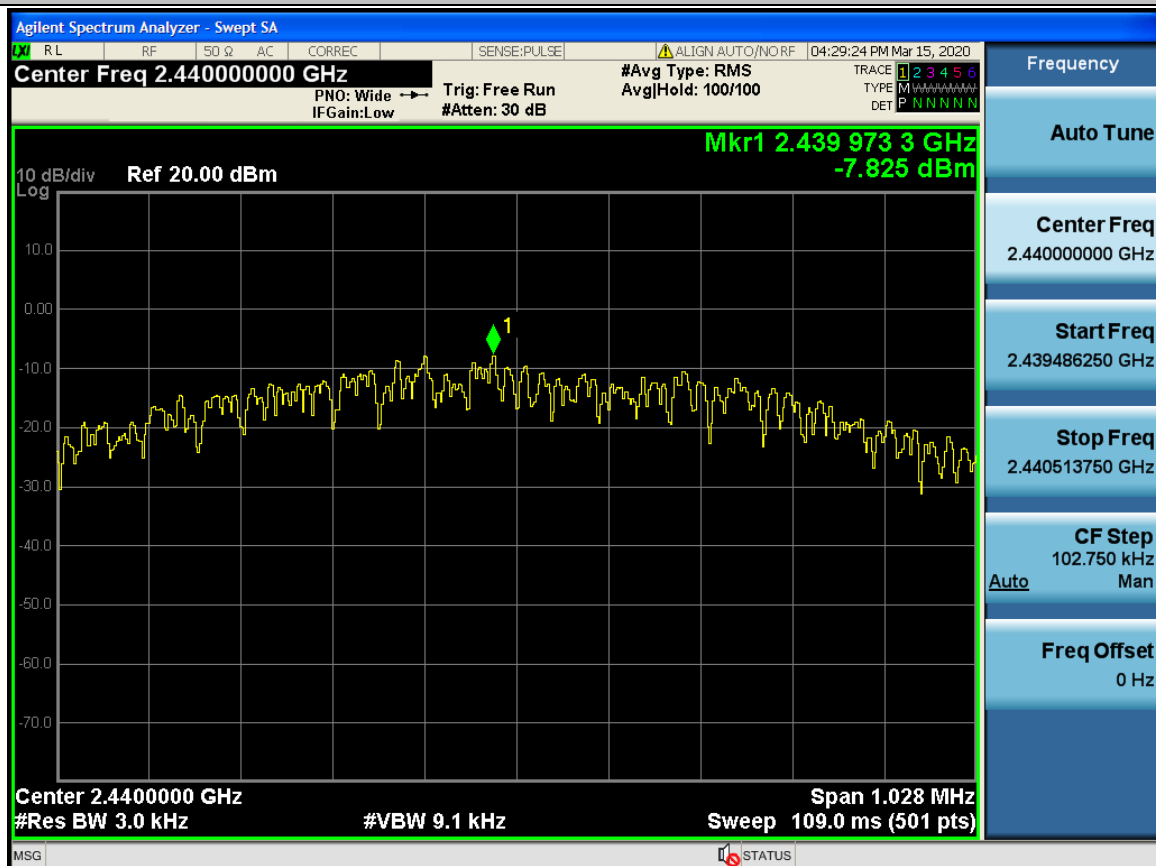
A.4. Maximum Peak power spectral density

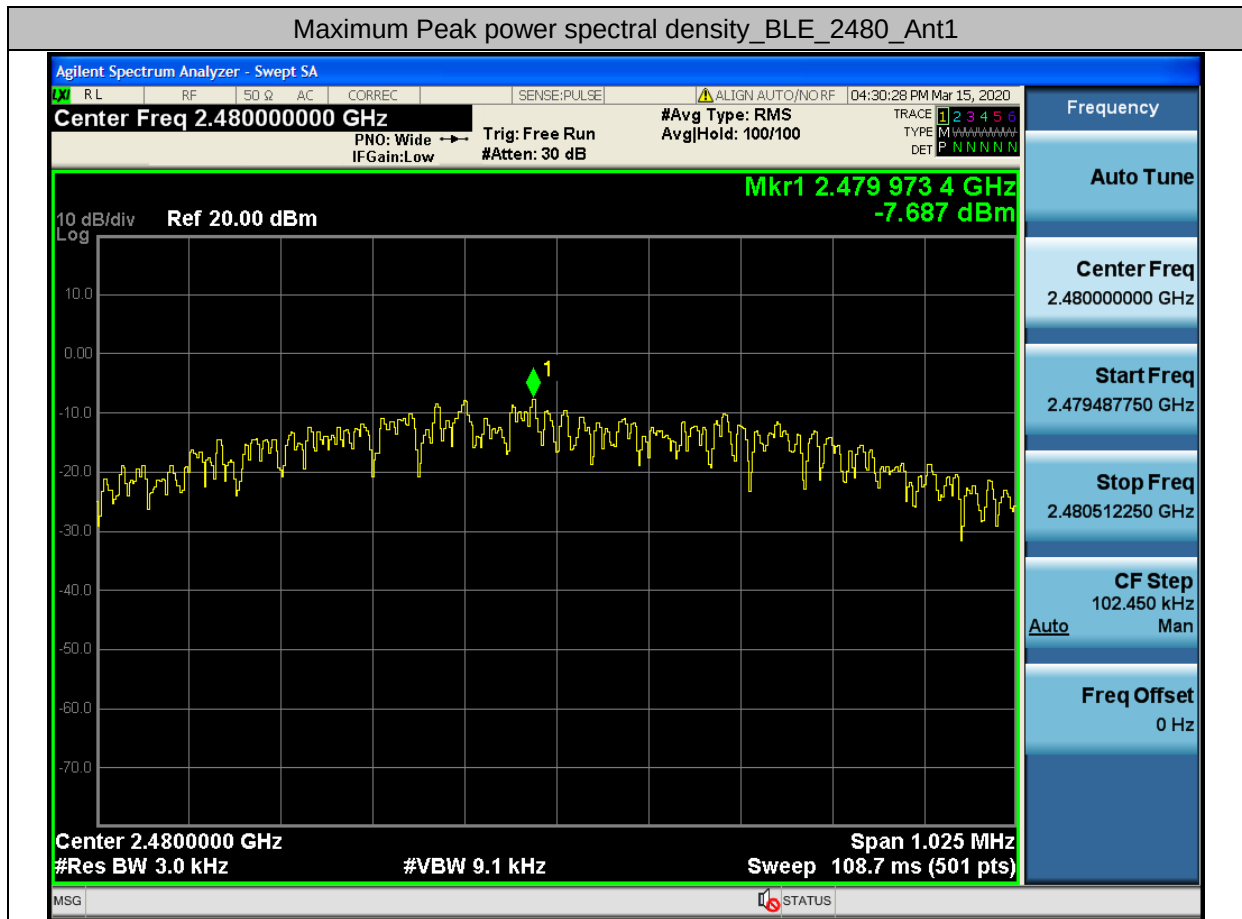
Test	Test	Ant	PSD[dBm/3KHz]	Limit[dBm/3KHz]	Verdict
BLE	2402	Ant1	-8.098	8.00	PASS
BLE	2440	Ant1	-7.825	8.00	PASS
BLE	2480	Ant1	-7.687	8.00	PASS

Maximum Peak power spectral density_BLE_2402_Ant1



Maximum Peak power spectral density_BLE_2440_Ant1

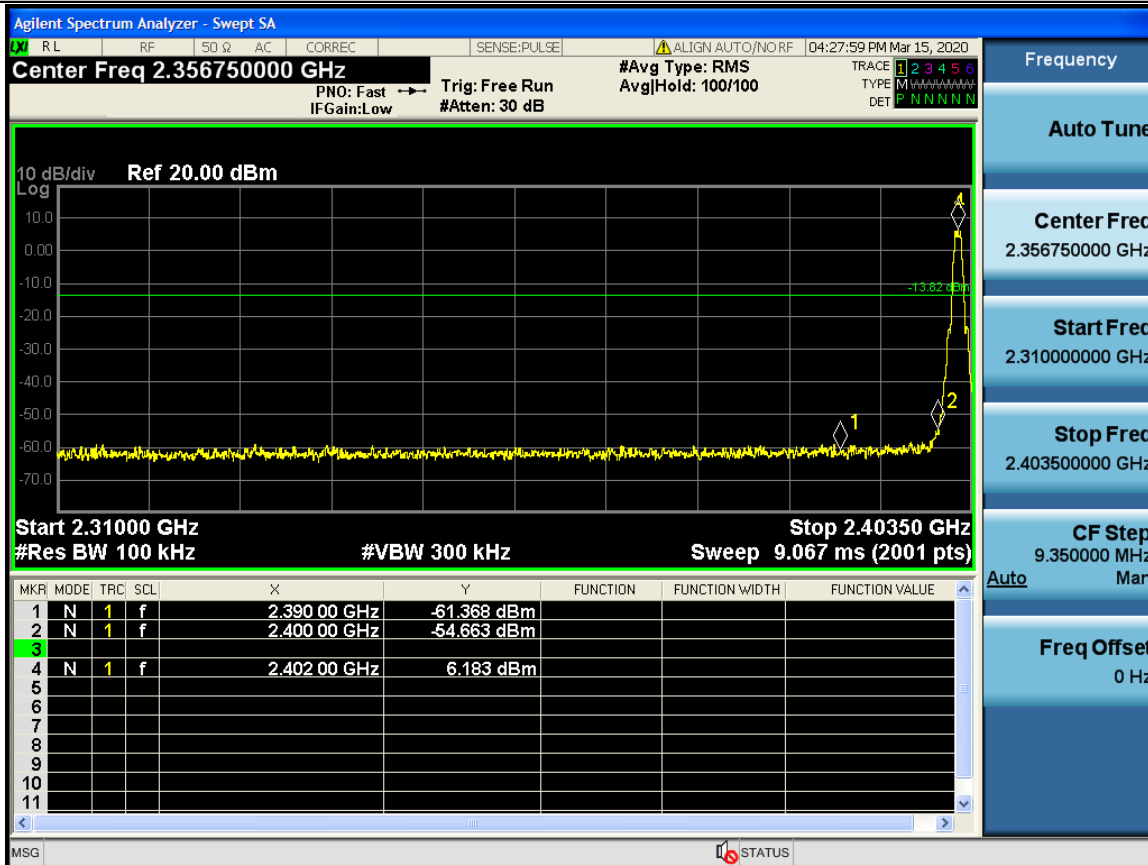




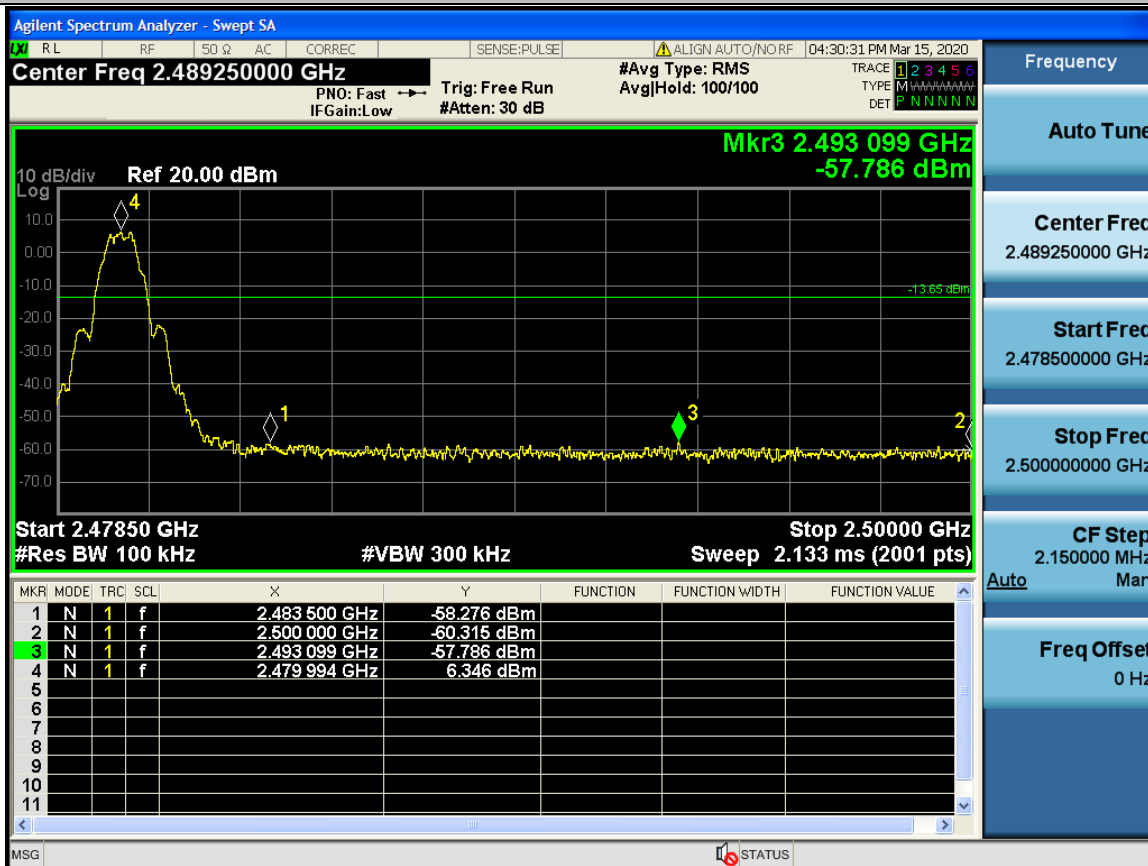
A.5. Band-edge for RF Conducted Emissions

Type	Carrier Frequency(MHz)	Frequency(MHz)	Carrier Frequency Power [dBm]	Bandedge Peak(dBm)	Upper limit(dBm)	Conclusion
BLE	2402	2400	6.183	-54.66	-13.817	Pass
BLE	2480	2493.0985	6.346	-57.786	-13.654	Pass

Band-edge for RF Conducted Emissions_BLE_2402_Ant1

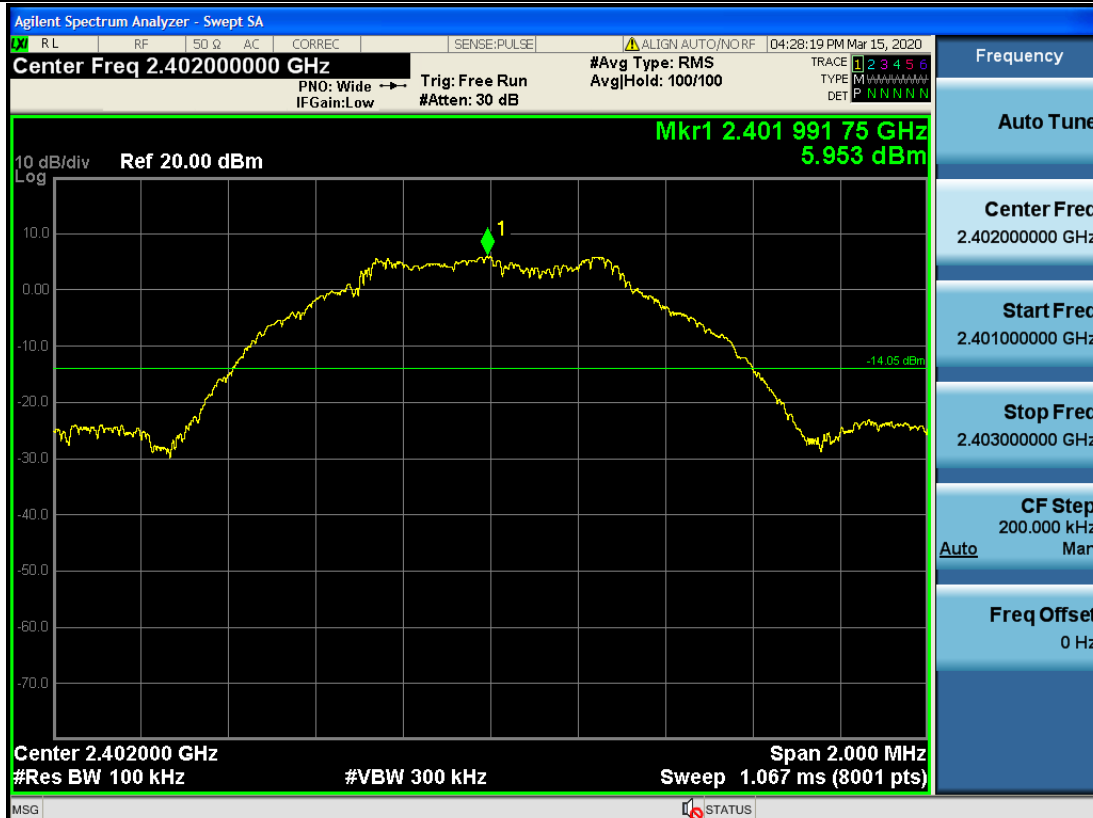


Band-edge for RF Conducted Emissions_BLE_2480_Ant1

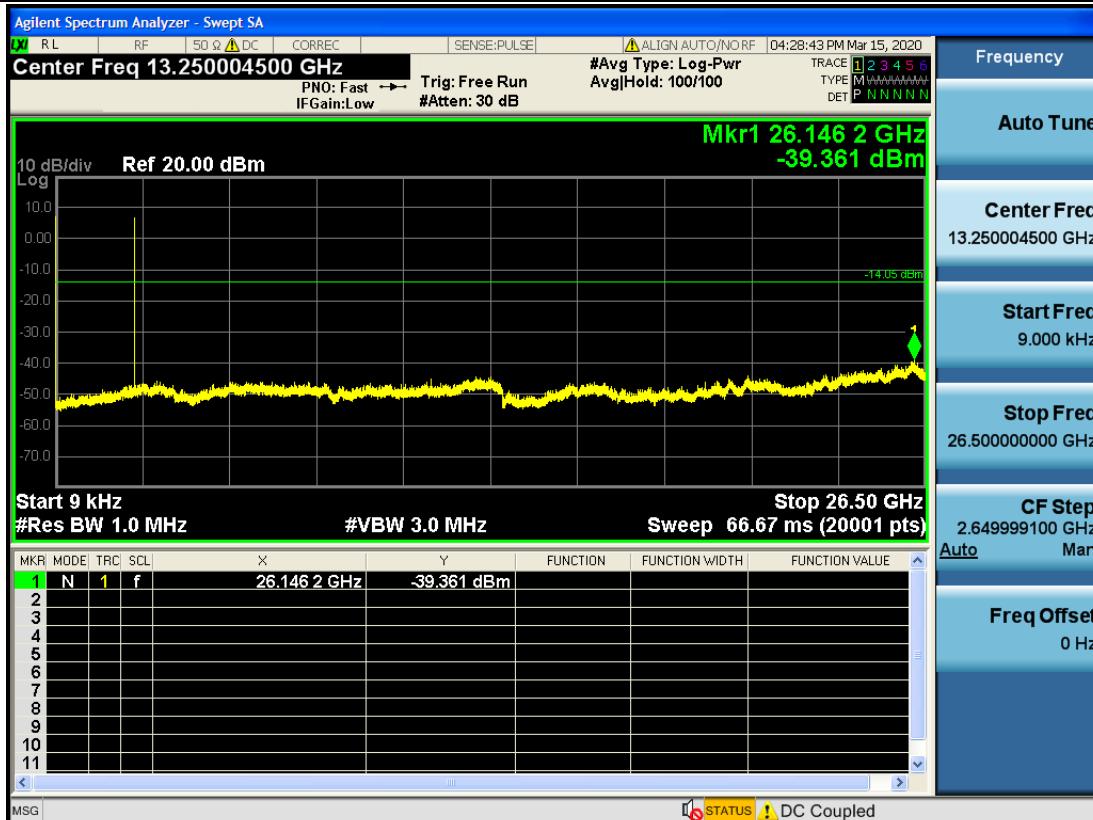


A.6. RF Conducted Spurious Emissions**RF Conducted Spurious Emissions_BLE_2402_Ant1**

Pref

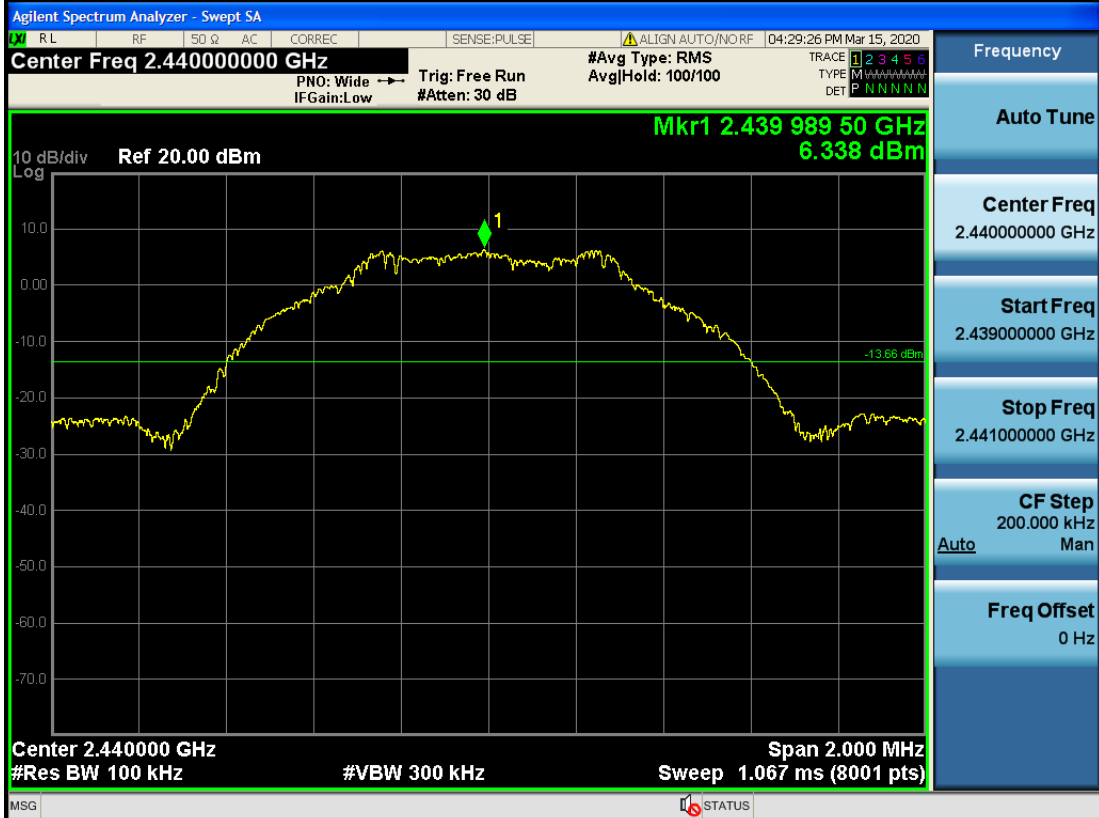


Puw

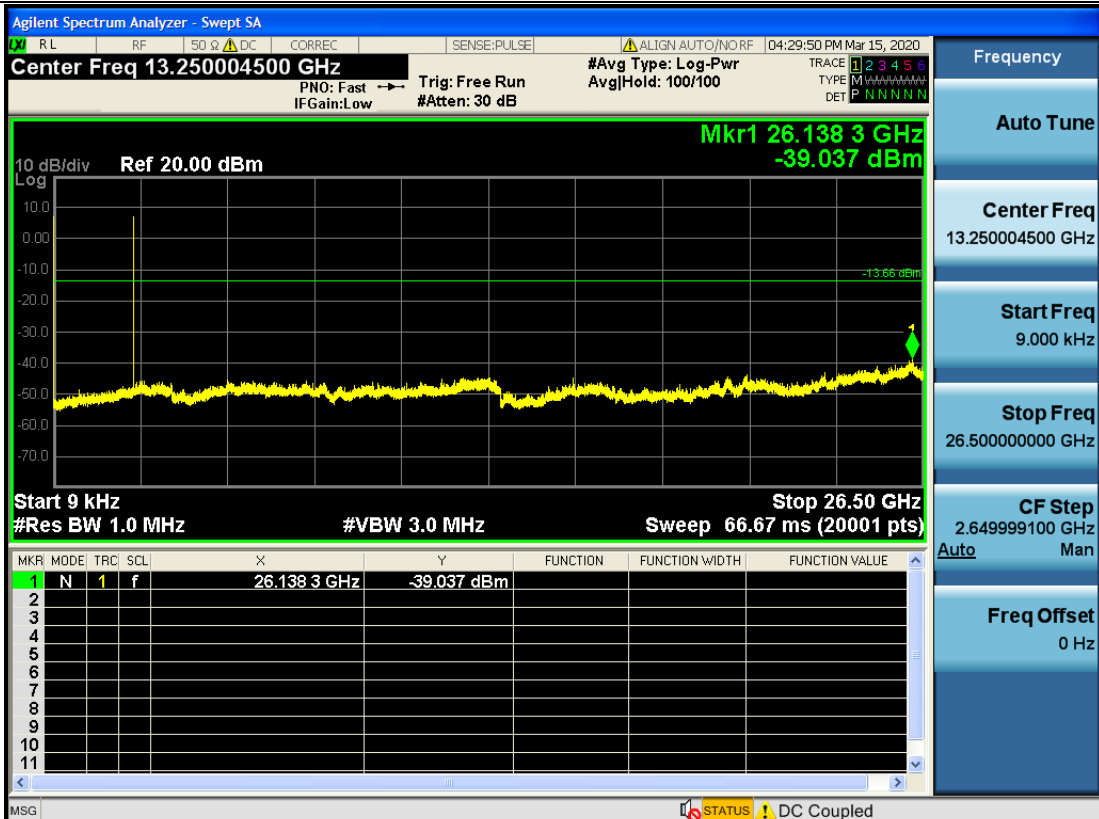


RF Conducted Spurious Emissions_BLE_2440_Ant1

Pref

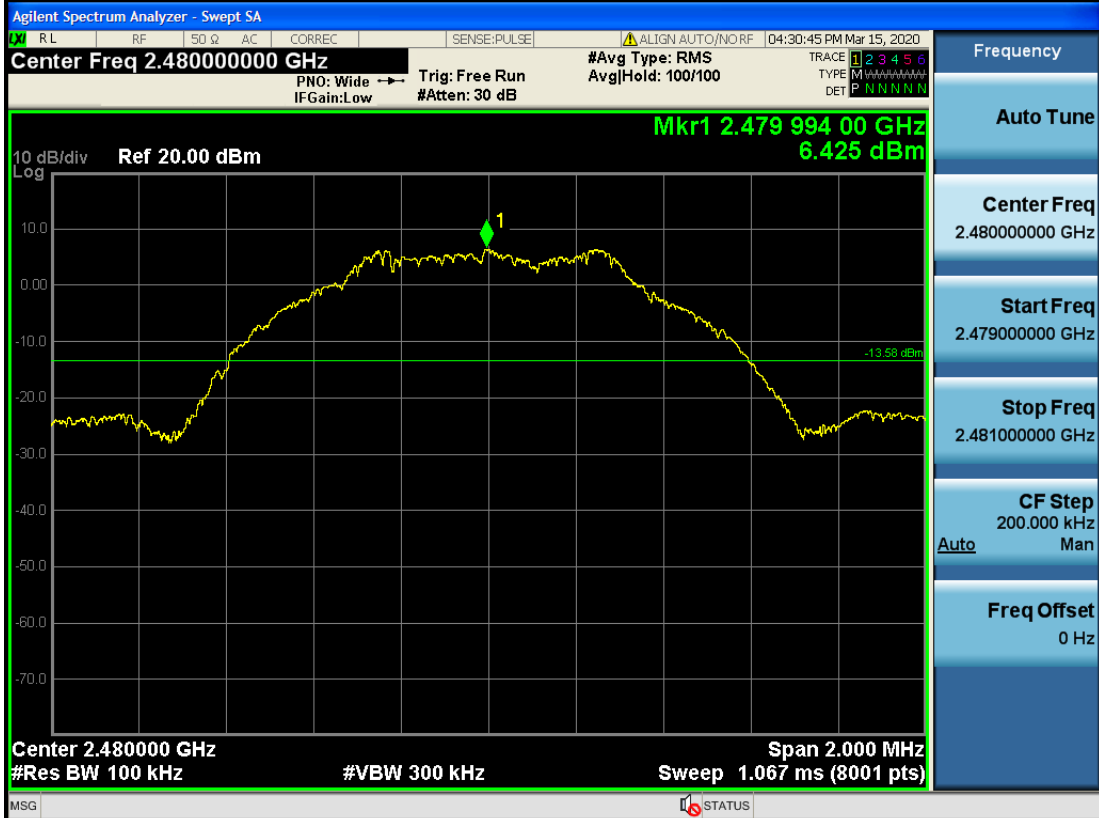


Puw

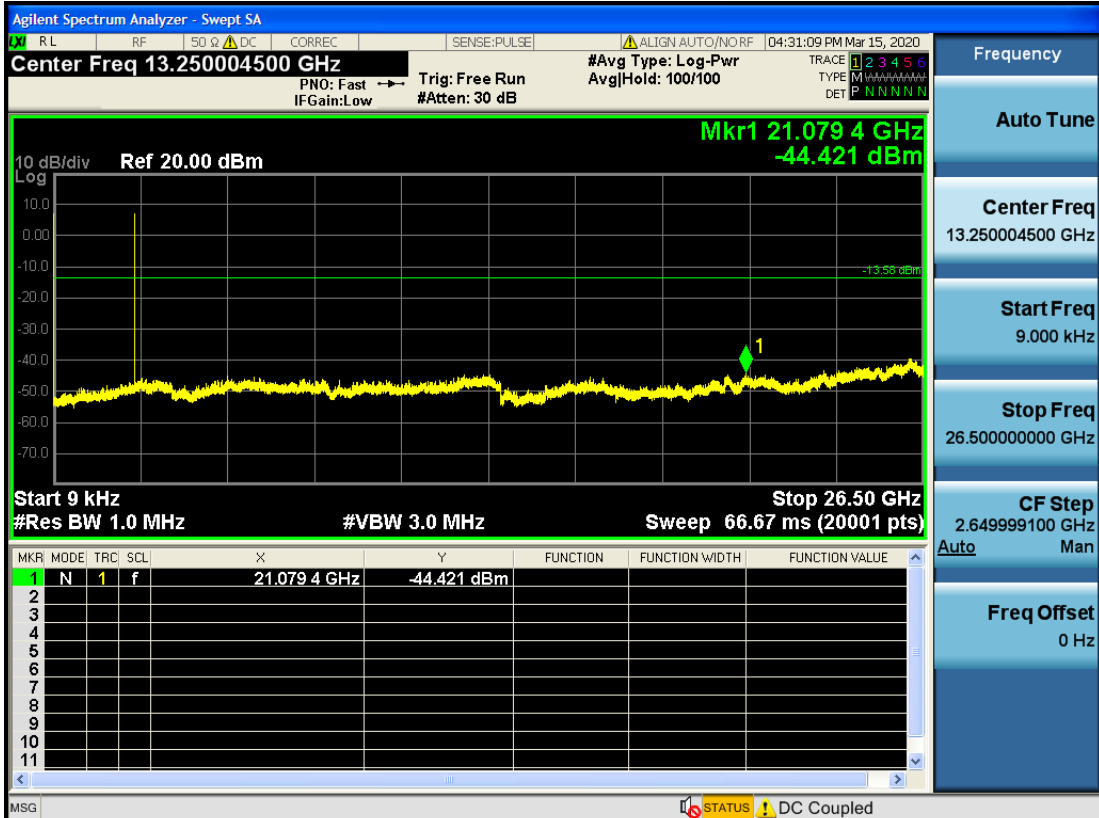


RF Conducted Spurious Emissions_BLE_2480_Ant1

Pref



Puw

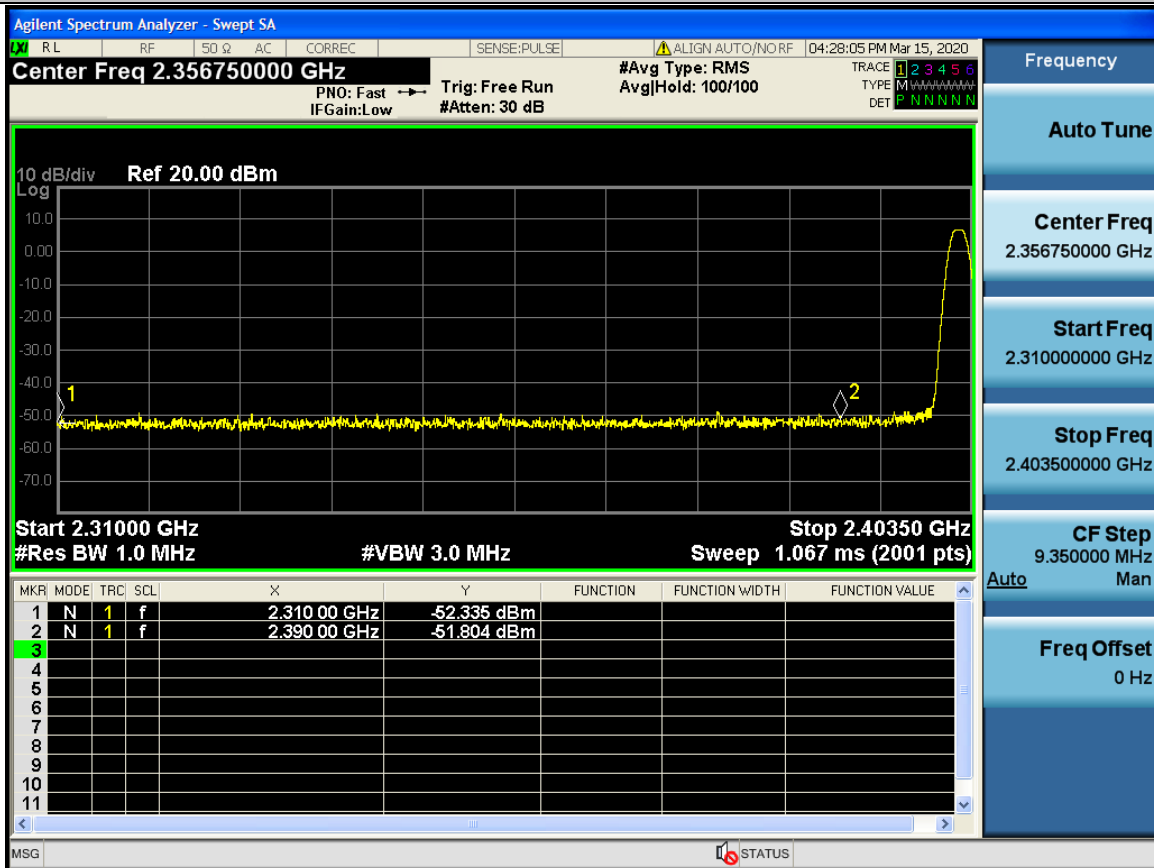


A.7. Restrict-band band-edge measurements

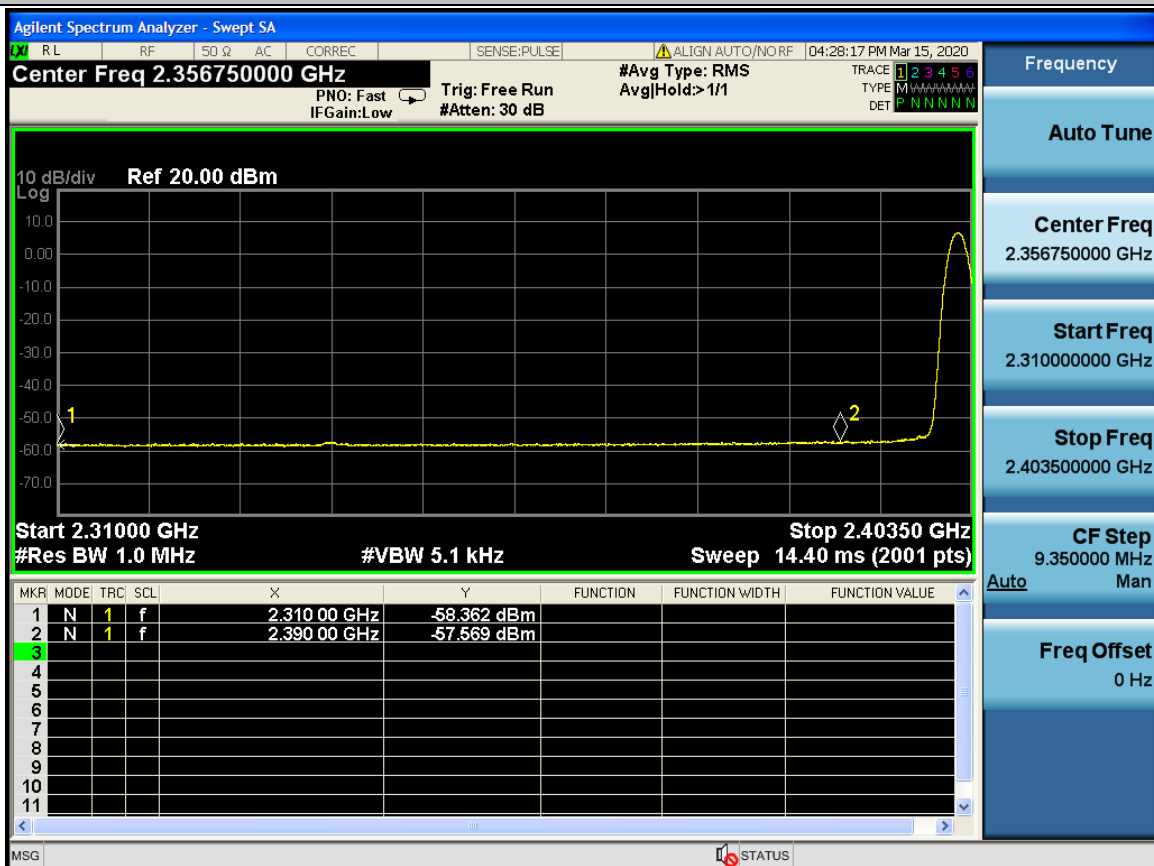
Type	Carrier Frequency (MHz)	Frequency(MHz)	Gain	Ground Factor	Peak Value(dBm)	E [dBuV/m]	Limit [dBuV/m]	Conclusion
BLE	2402	2390	2.00	0.00	-51.804	45.396	74	Pass
BLE	2480	2483.5	2.00	0.00	-52.512	44.688	74	Pass

Type	Carrier Frequency (MHz)	Frequency(MHz)	Gain	Ground Factor	Average Value(dBm)	E [dBuV/m]	Limit [dBuV/m]	Conclusion
BLE	2402	2390	2.00	0.00	-57.569	39.631	54	Pass
BLE	2480	2483.5	2.00	0.00	-50.329	46.871	54	Pass

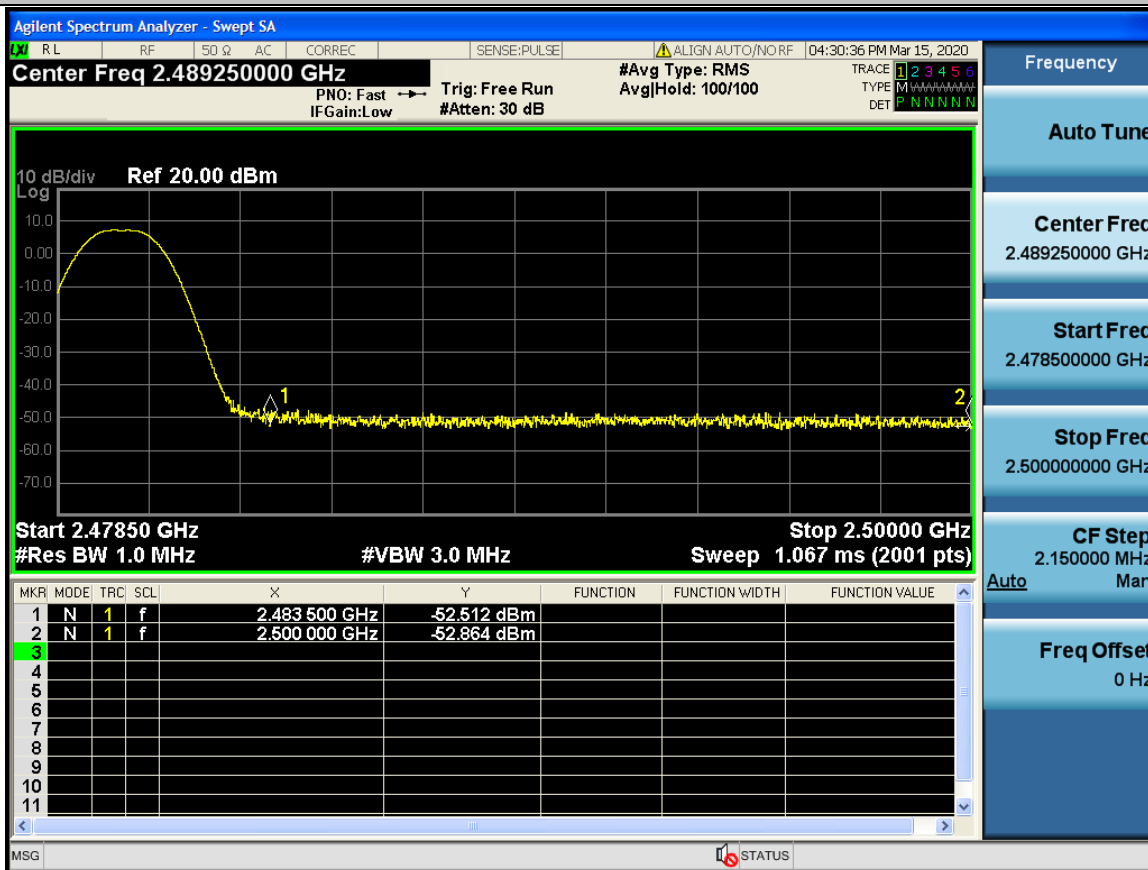
Restrict-band band-edge measurements_BLE_2402_Ant1_PEAK



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



A.8. Duty Cycle

Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict
BLE	2440	Ant1	63.12	PASS

