

Appendix A

RF Test Data for BT V4.0(BT LE) (Conducted Measurement)

Product Name: MOZA AirCross

Trade Mark: MOZA

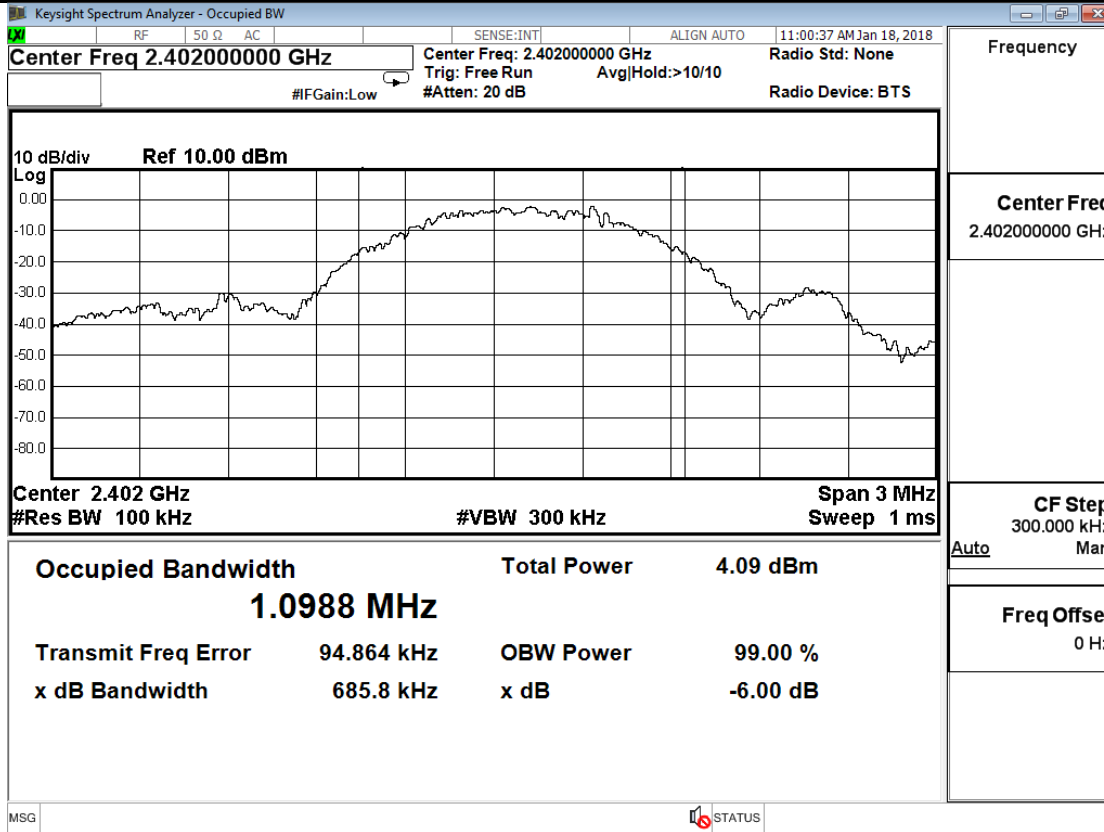
Test Model: MOZA AirCross

FCC ID: 2AMJR-AIRCROSS

A.1 6dB Bandwidth

Test Mode	Test Channel	Ant	EBW[MHz]	Limit	Verdict
BT LE	2402	Ant1	0.6858	0.5	PASS
BT LE	2440	Ant1	0.6950	0.5	PASS
BT LE	2480	Ant1	0.6574	0.5	PASS

6dB Bandwidth_BT LE_2402_Ant1



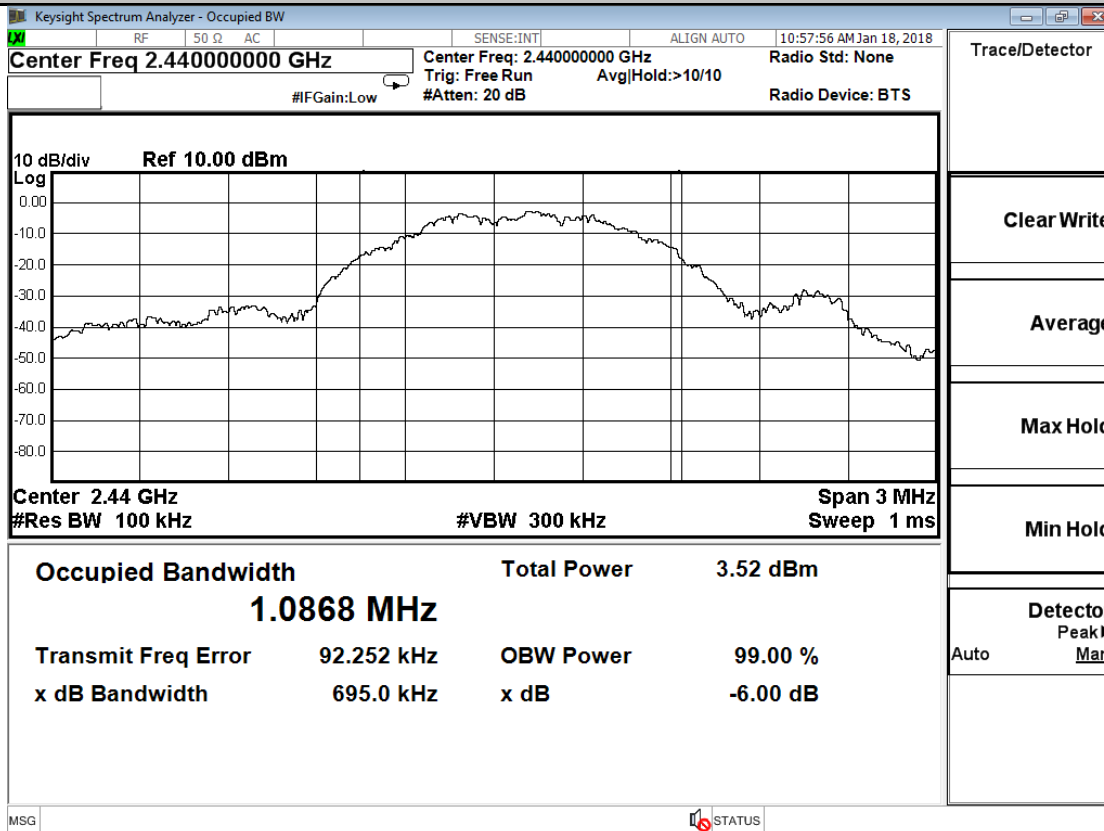
Frequency

Center Freq
2.402000000 GHz

CF Step
300.000 kHz
Auto Man

Freq Offset
0 Hz

6dB Bandwidth_BT LE_2440_Ant1



Trace/Detector

Clear Write

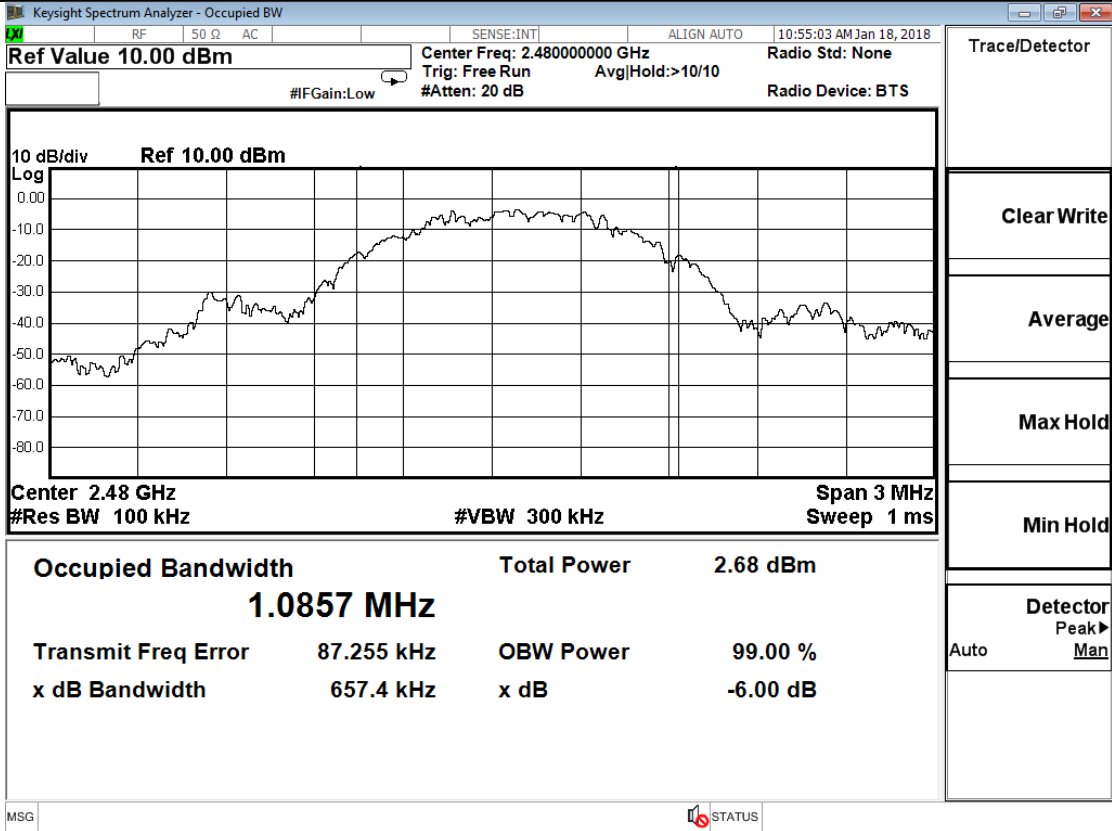
Average

Max Hold

Min Hold

Detector
Peak
Auto Man

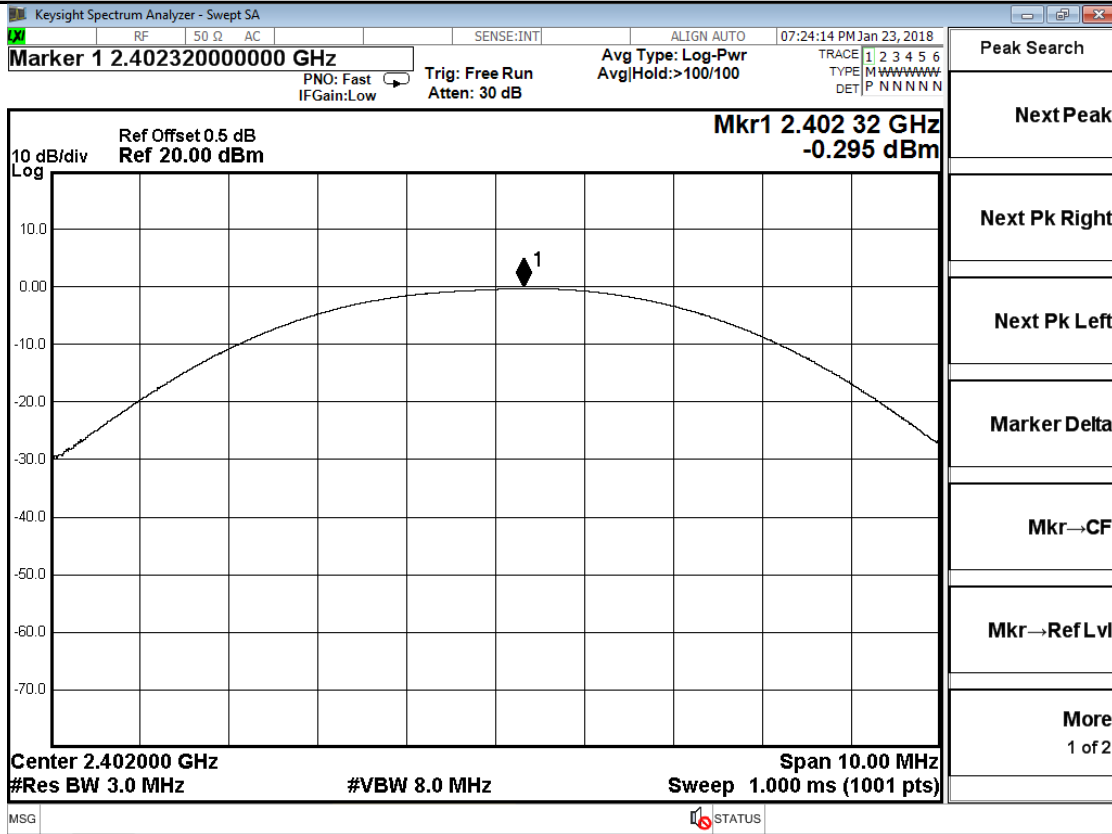
6dB Bandwidth_BT LE_2480_Ant1



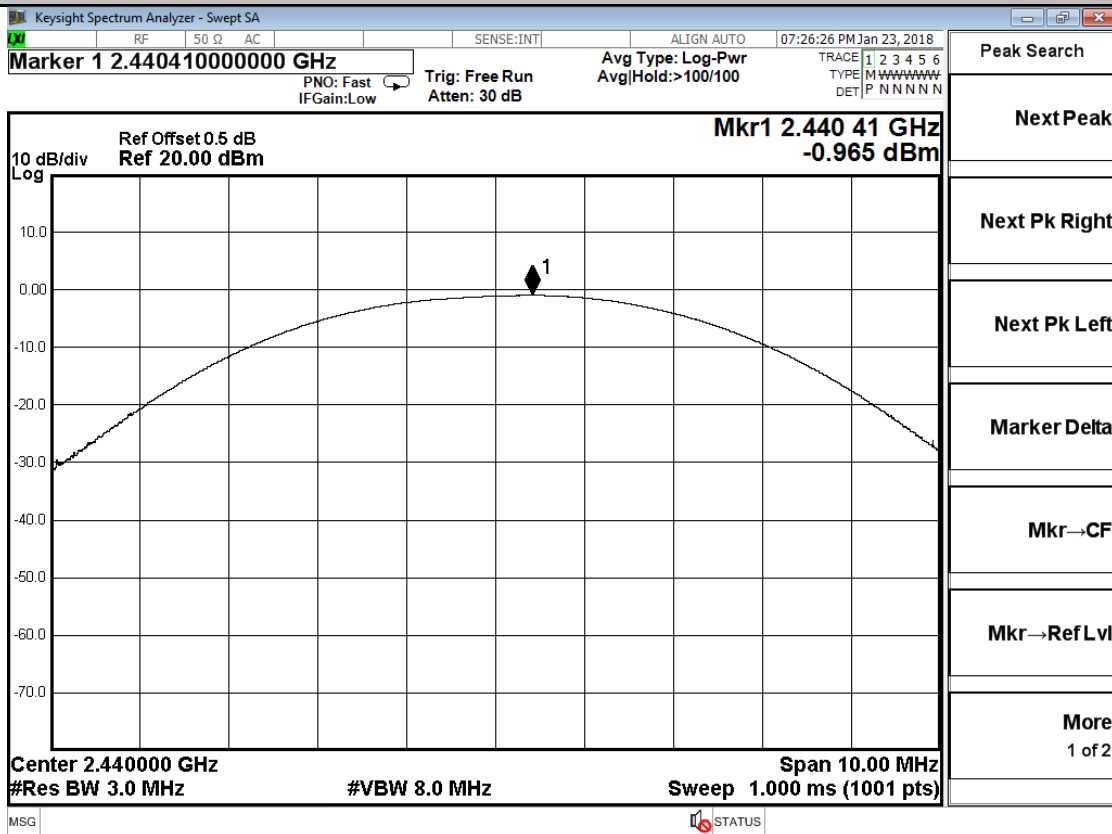
A.2 Maximum peak conducted output power

Test Mode	Test Channel	Ant	Peak Conducted Output Power (dBm)	Limit(dBm)	Verdict
BT LE	2402	Ant1	-0.295	30	PASS
BT LE	2440	Ant1	-0.965	30	PASS
BT LE	2480	Ant1	-1.728	30	PASS

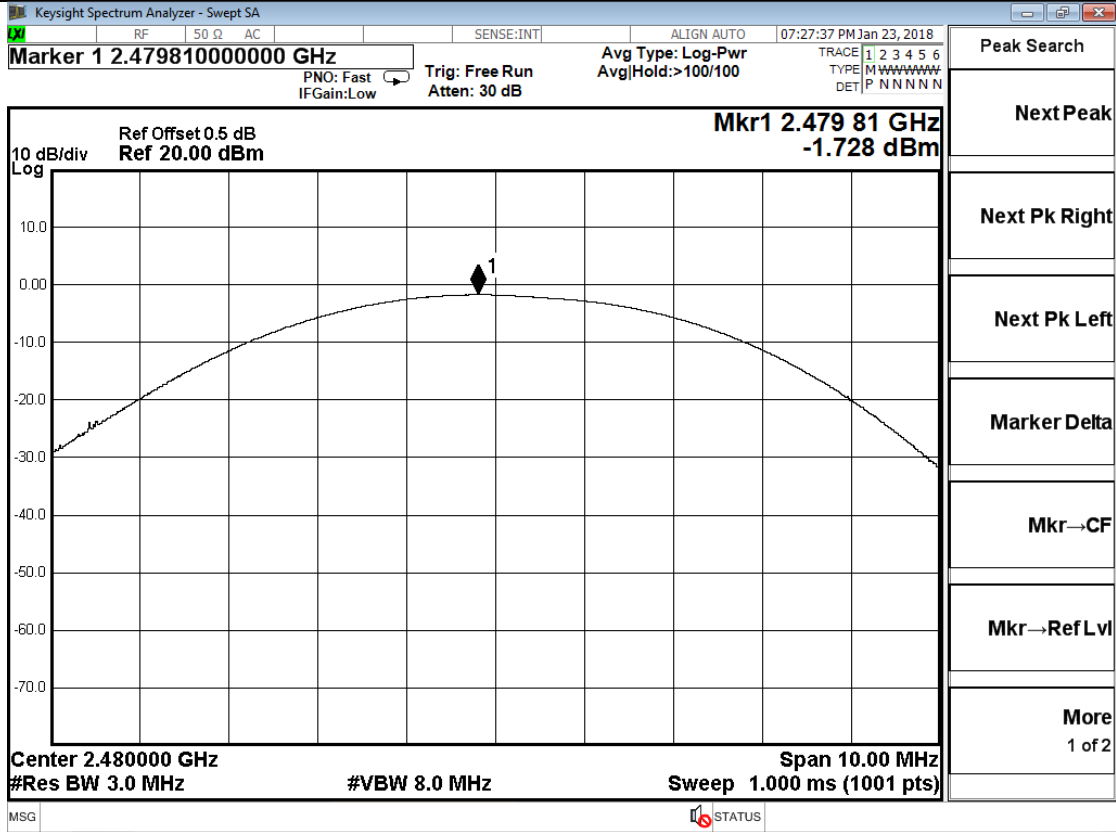
Maximum peak conducted output power_BT LE_2402_Ant1



Maximum peak conducted output power_BT LE_2440_Ant1



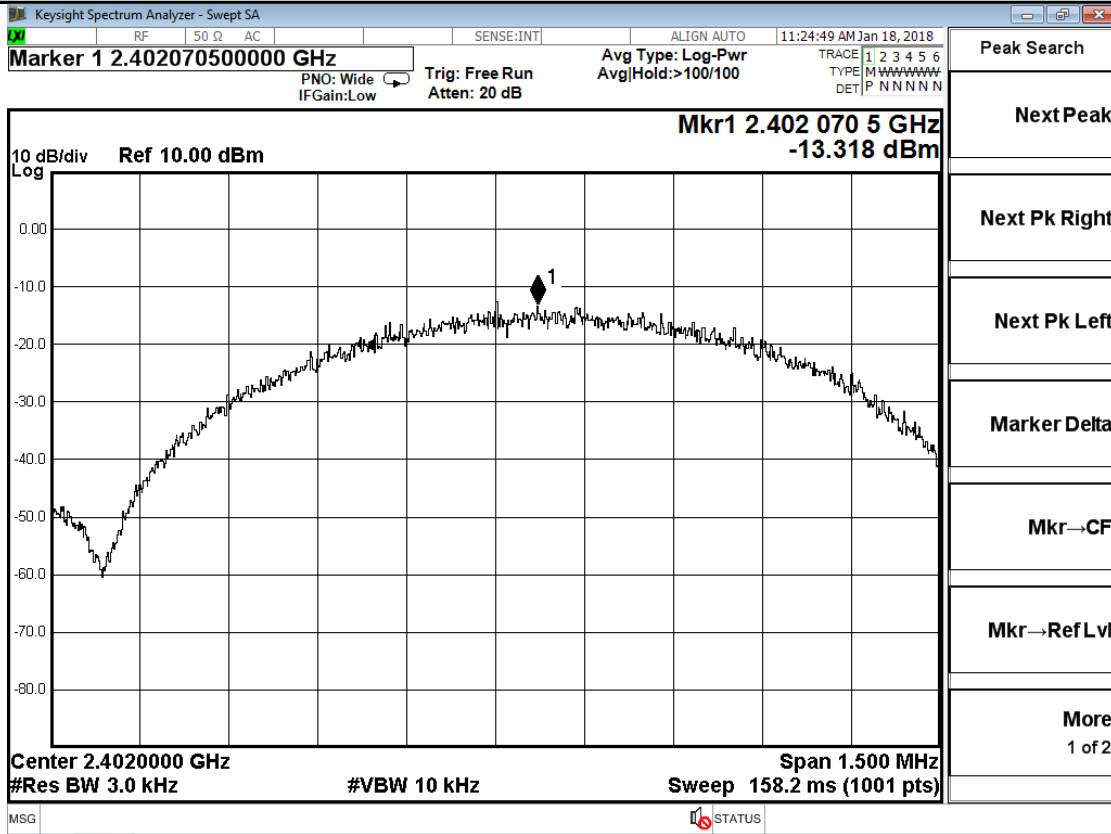
Maximum peak conducted output power_BT LE_2480_Ant1



A.3 Maximum Peak power spectral density

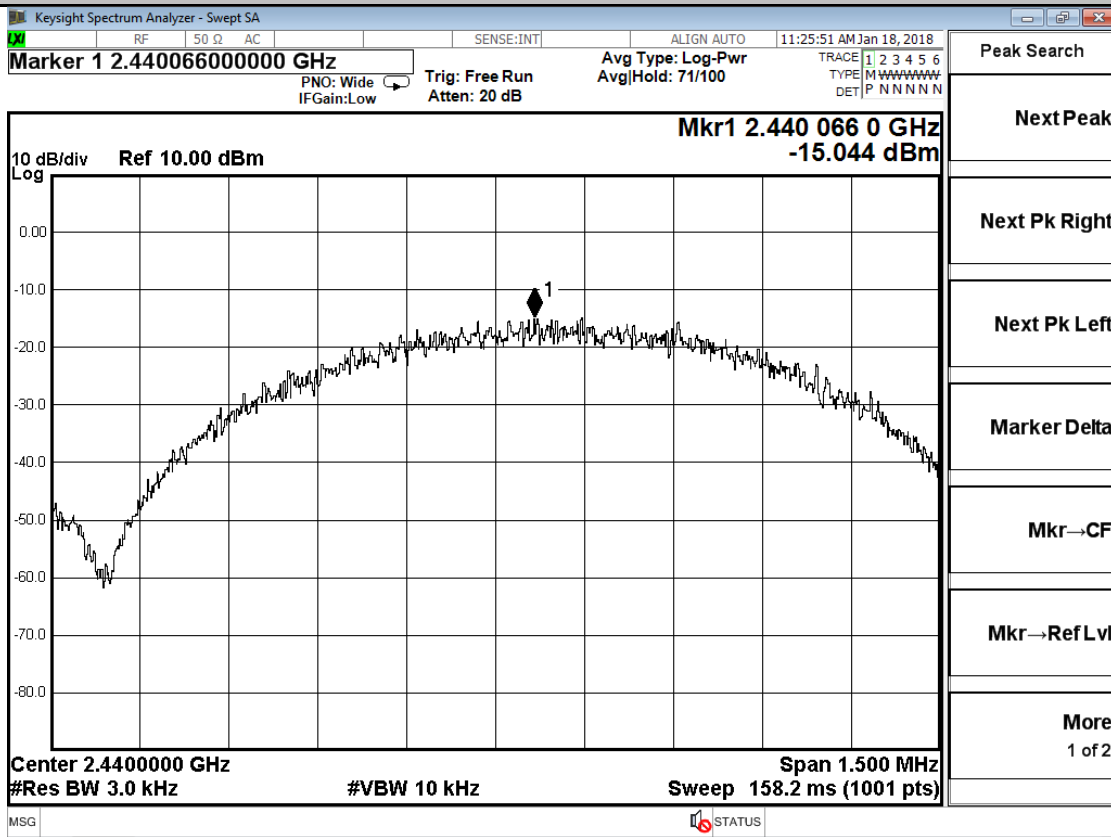
Test Mode	Test Channel	Ant	PSD[dBm/3KHz]	Limit[dBm/3KHz]	Verdict
BT LE	2402	Ant1	-13.318	8.00	PASS
BT LE	2440	Ant1	-15.044	8.00	PASS
BT LE	2480	Ant1	-16.246	8.00	PASS

Maximum Peak power spectral density_BT LE_2402_Ant1



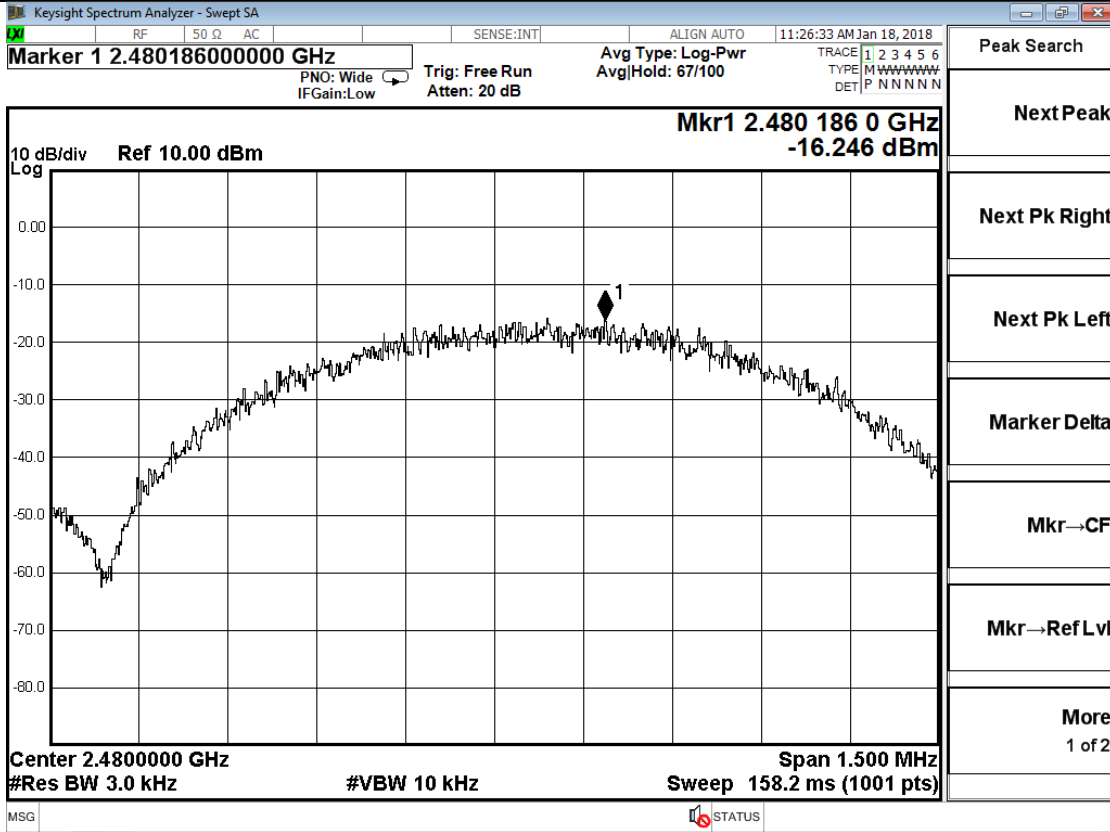
- Peak Search
- Next Peak
- Next Pk Right
- Next Pk Left
- Marker Delta
- Mkr→CF
- Mkr→Ref Lvl
- More 1 of 2

Maximum Peak power spectral density_BT LE_2440_Ant1



- Peak Search
- Next Peak
- Next Pk Right
- Next Pk Left
- Marker Delta
- Mkr→CF
- Mkr→Ref Lvl
- More 1 of 2

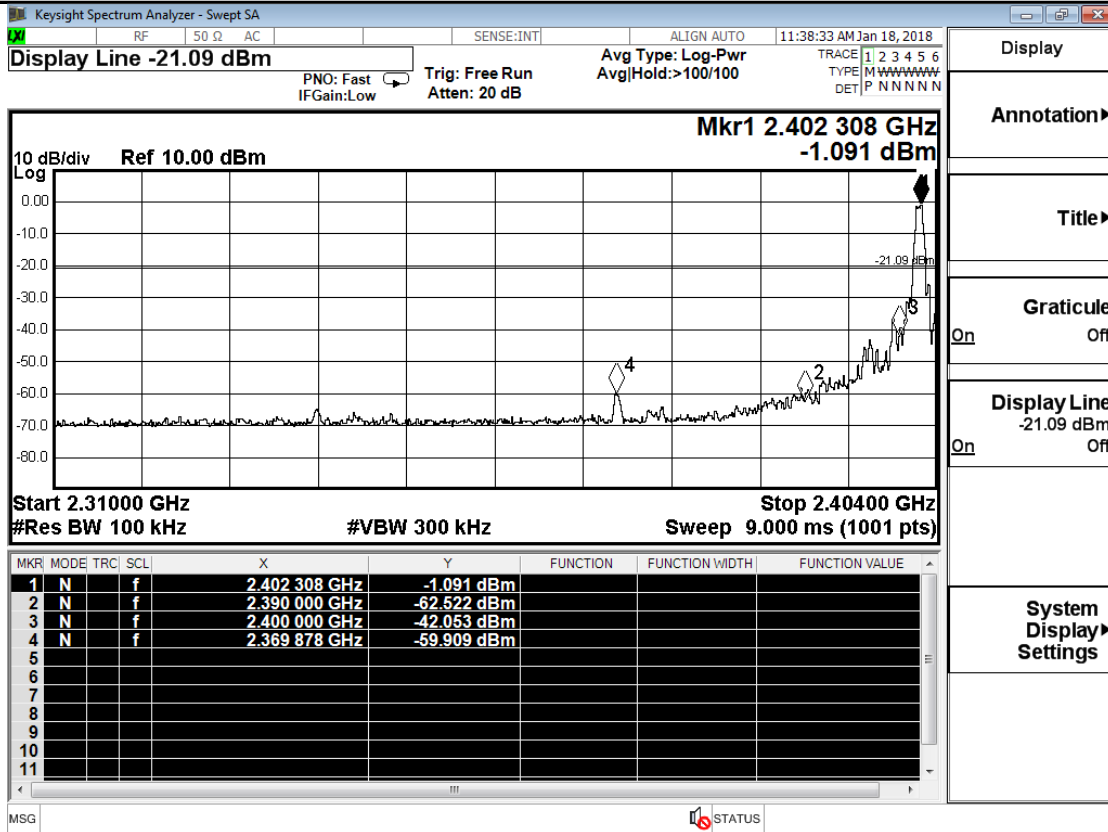
Maximum Peak power spectral density_BT LE_2480_Ant1



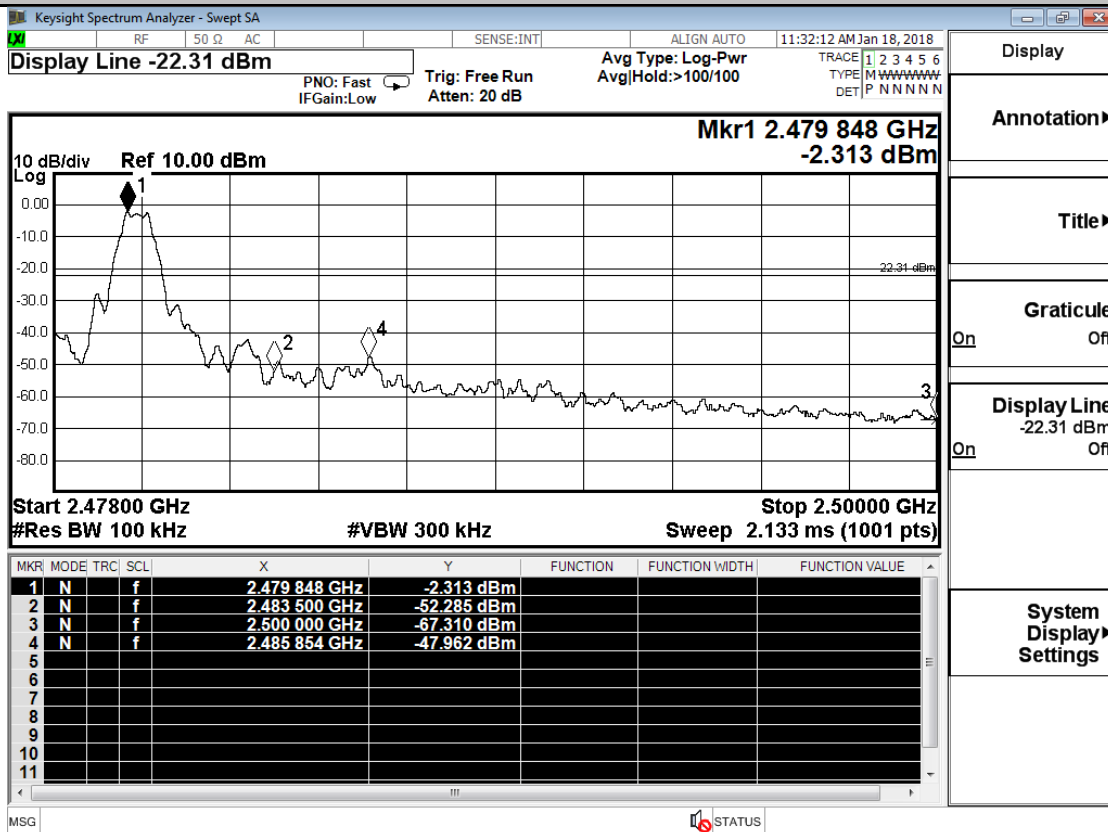
A.4 Band-edge for RF Conducted Emissions

Test Mode	Test Channel	Ant	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit [dBm]	Verdict
BT LE	2402	Ant1	-1.091	-59.909	-21.09	PASS
BT LE	2480	Ant1	-2.313	-47.962	-22.31	PASS

Band-edge for RF Conducted Emissions_BT LE_2402_Ant1



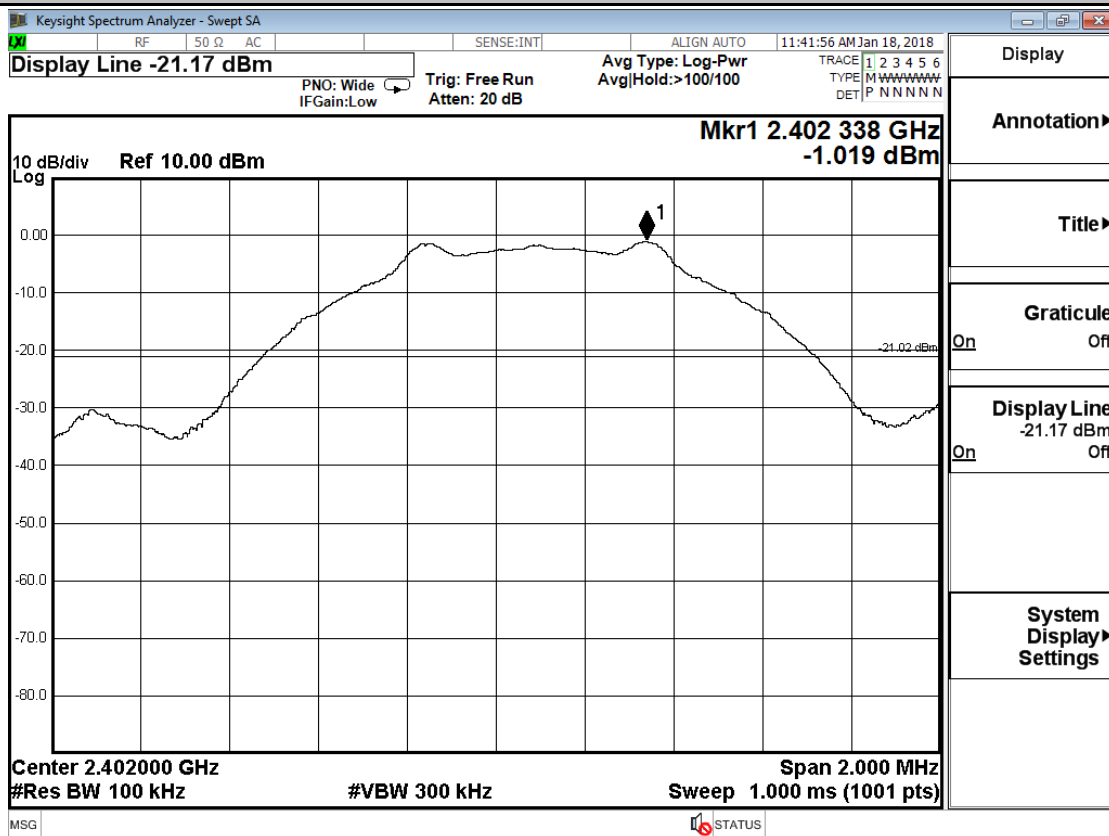
Band-edge for RF Conducted Emissions_BT LE_2480_Ant1



A.5 RF Conducted Spurious Emissions

Test Mode	Test Channel	Ant	StartFre [MHz]	StopFre [MHz]	RBW [kHz]	VBW [kHz]	Pref[dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BT LE	2402	Ant1	30	26500	100	300	-1.019	-46.383	<-21.02	PASS
BT LE	2440	Ant1	30	26500	100	300	-1.764	-49.412	<-21.76	PASS
BT LE	2480	Ant1	30	26500	100	300	-2.355	-51.431	<-22.36	PASS

RF Conducted Spurious Emissions_BT LE_2402_Ant1



Display

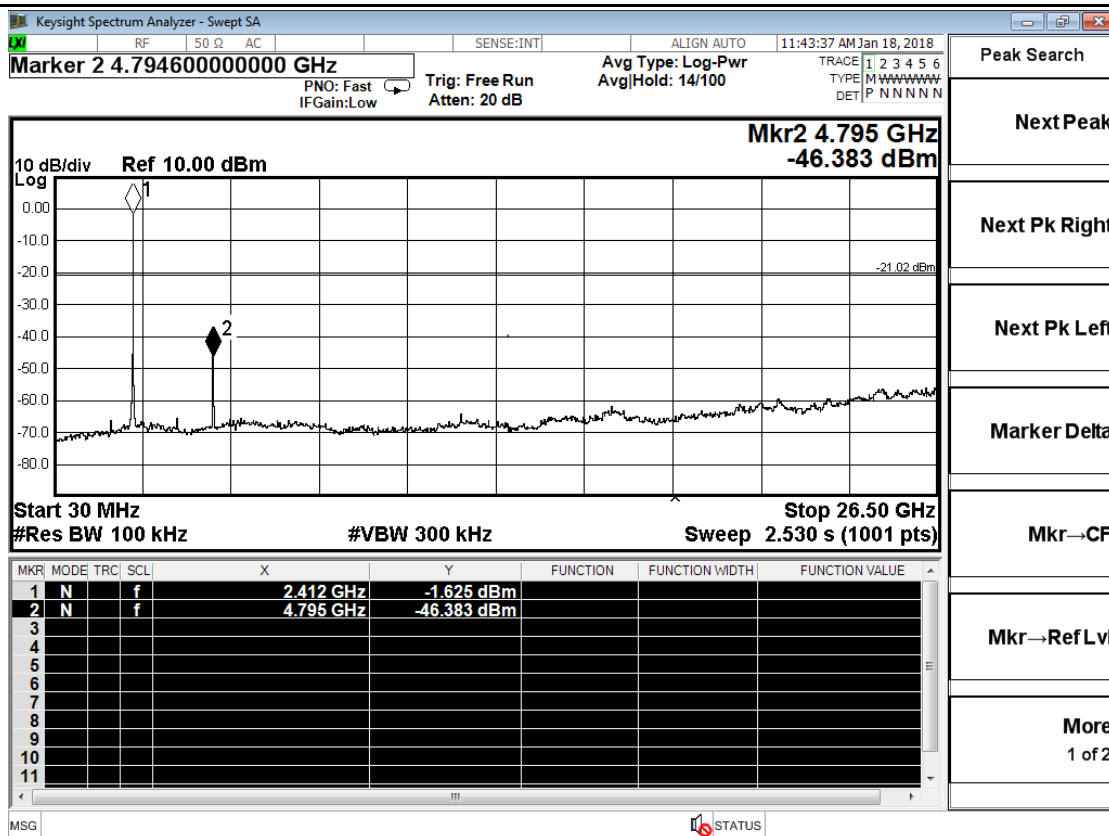
Annotation▶

Title▶

Graticule On Off

Display Line On Off

System Display▶ Settings



Peak Search

Next Peak

Next Pk Right

Next Pk Left

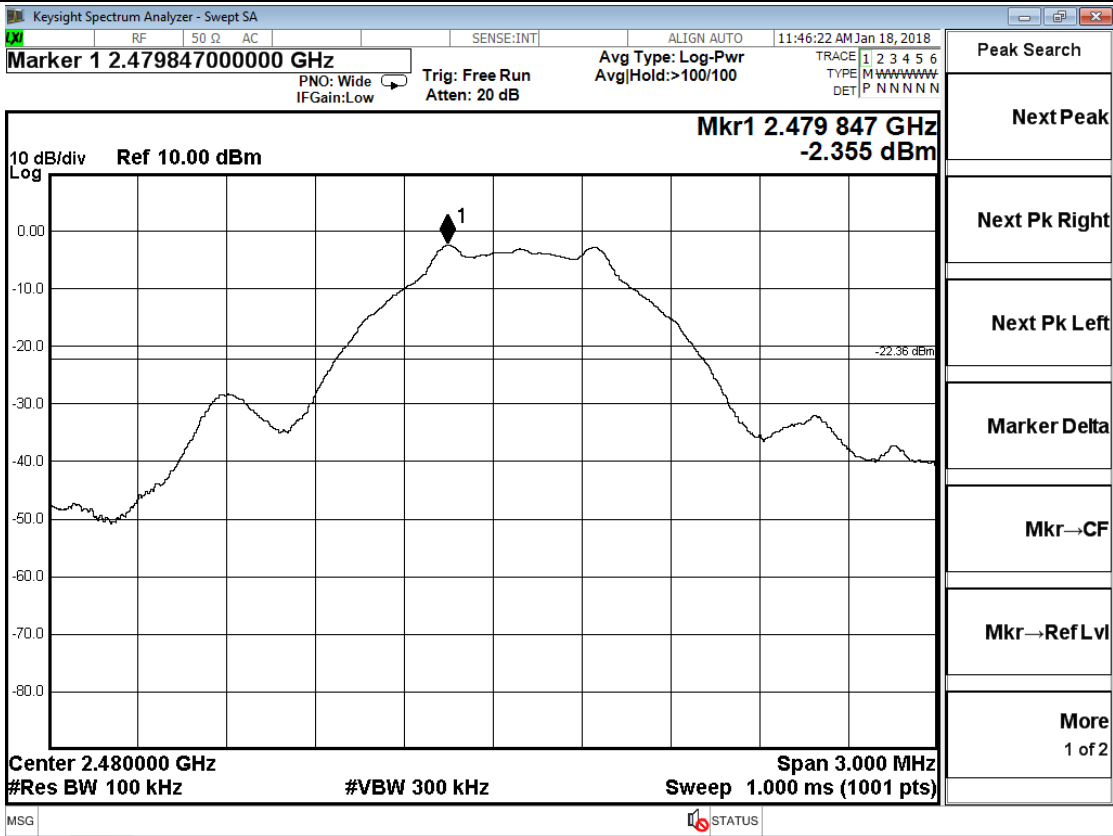
Marker Delta

Mkr→CF

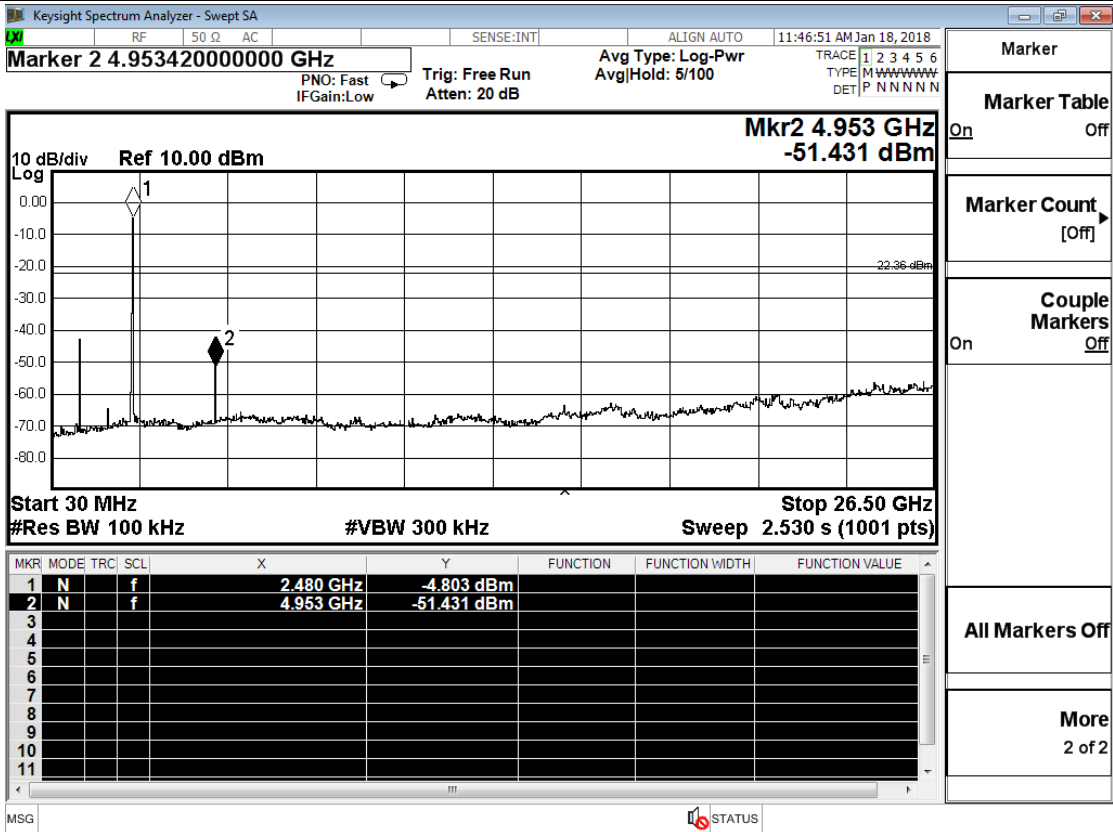
Mkr→Ref Lvl

More 1 of 2

RF Conducted Spurious Emissions_BT LE_2480_Ant1



- Peak Search
- Next Peak
- Next Pk Right
- Next Pk Left
- Marker Delta
- Mkr→CF
- Mkr→Ref Lvl
- More
1 of 2



- Marker
- Marker Table
On Off
- Marker Count
[Off]
- Couple Markers
On Off
- All Markers Off
- More
2 of 2

A.6 Restrict-band band-edge measurements

Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
BT LE	2402	Ant1	2310.0	-59.84	0	0	37.42	PEAK	74	PASS
BT LE	2402	Ant1	2310.0	-71.78	0	0	25.48	AV	54	PASS
BT LE	2402	Ant1	2390.0	-50.66	0	0	46.60	PEAK	74	PASS
BT LE	2402	Ant1	2390.0	-64.18	0	0	33.08	AV	54	PASS
BT LE	2480	Ant1	2483.5	-42.63	0	0	54.63	PEAK	74	PASS
BT LE	2480	Ant1	2483.5	-49.24	0	0	48.02	AV	54	PASS
BT LE	2480	Ant1	2500.0	-55.65	0	0	41.61	PEAK	74	PASS
BT LE	2480	Ant1	2500.0	-69.03	0	0	28.23	AV	54	PASS

