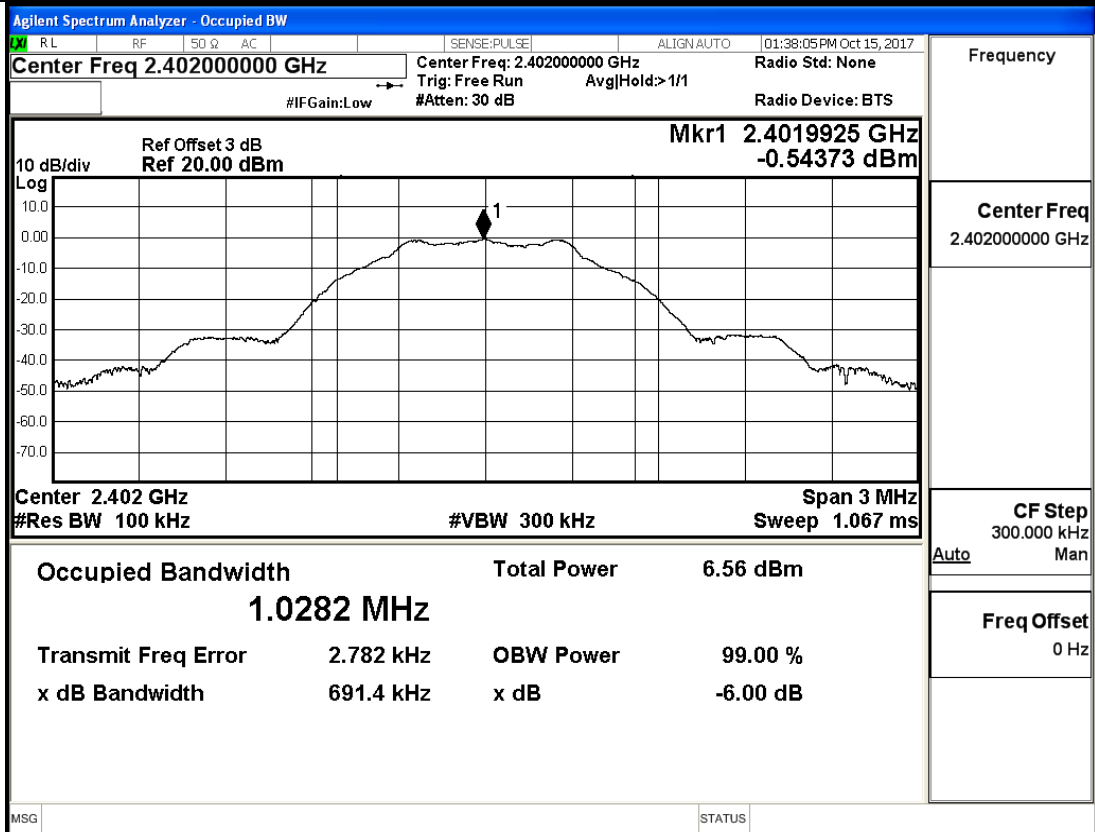


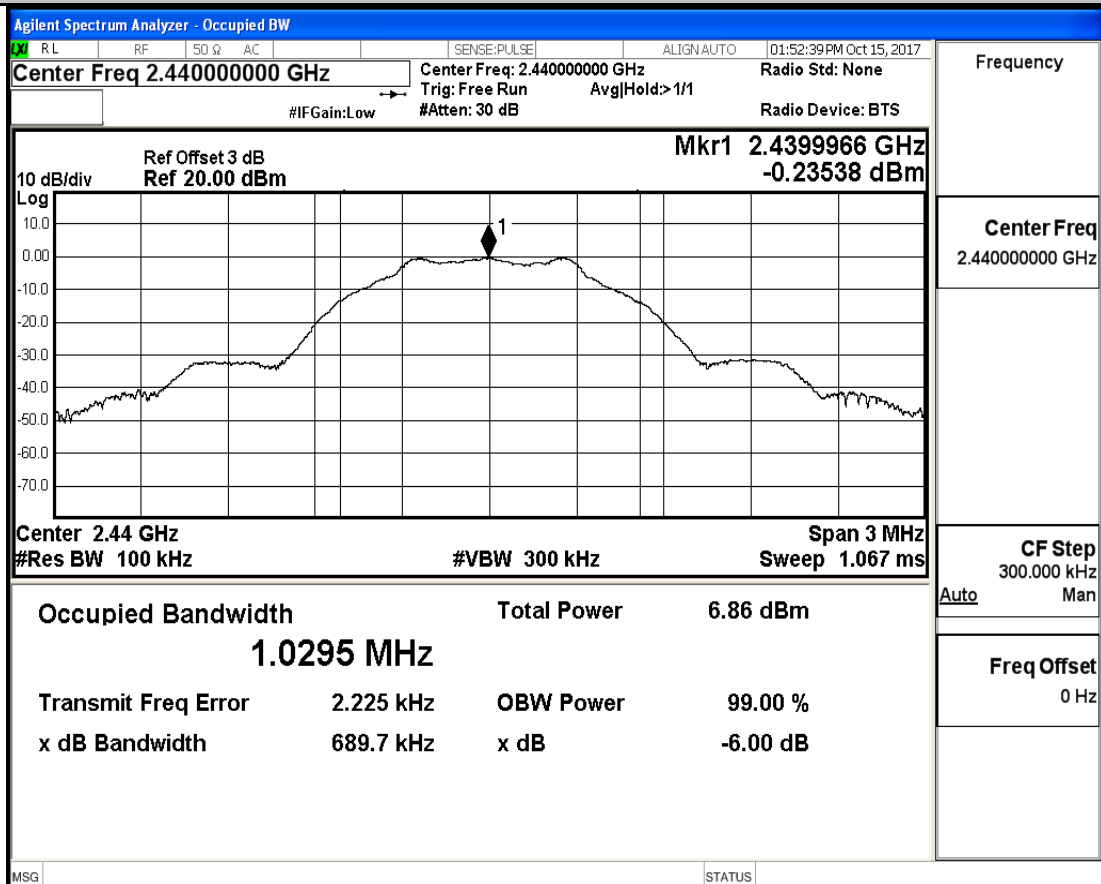
1.6 dB Bandwidth&99%Occupied Bandwidth

Test Mode	Test Channel	99% Occupied Bandwidth [MHz]	6dB EBW[MHz]	Limit[MHz]	Verdict
BLE	2402	1.2389	0.6914	0.5	PASS
BLE	2440	1.2277	0.6897	0.5	PASS
BLE	2480	1.2277	0.6774	0.5	PASS

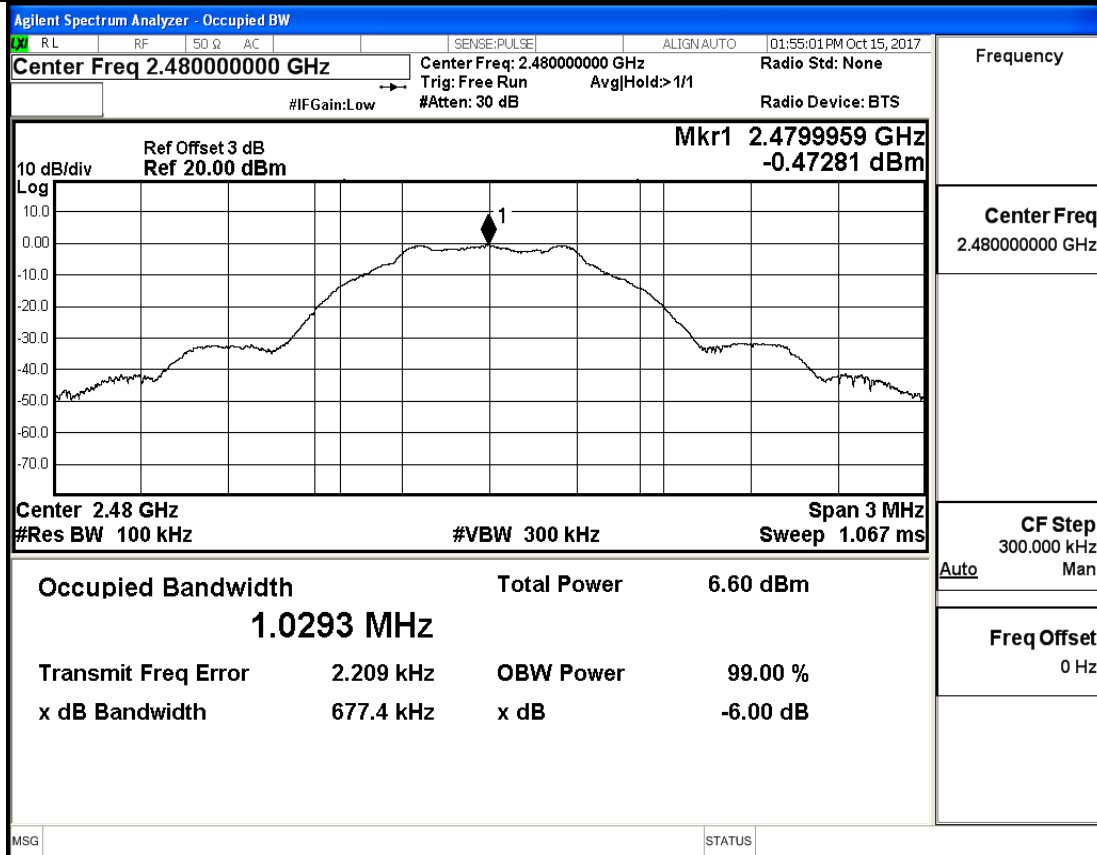
20 dB Bandwidth_BLE_2402



20 dB Bandwidth_BLE_2440



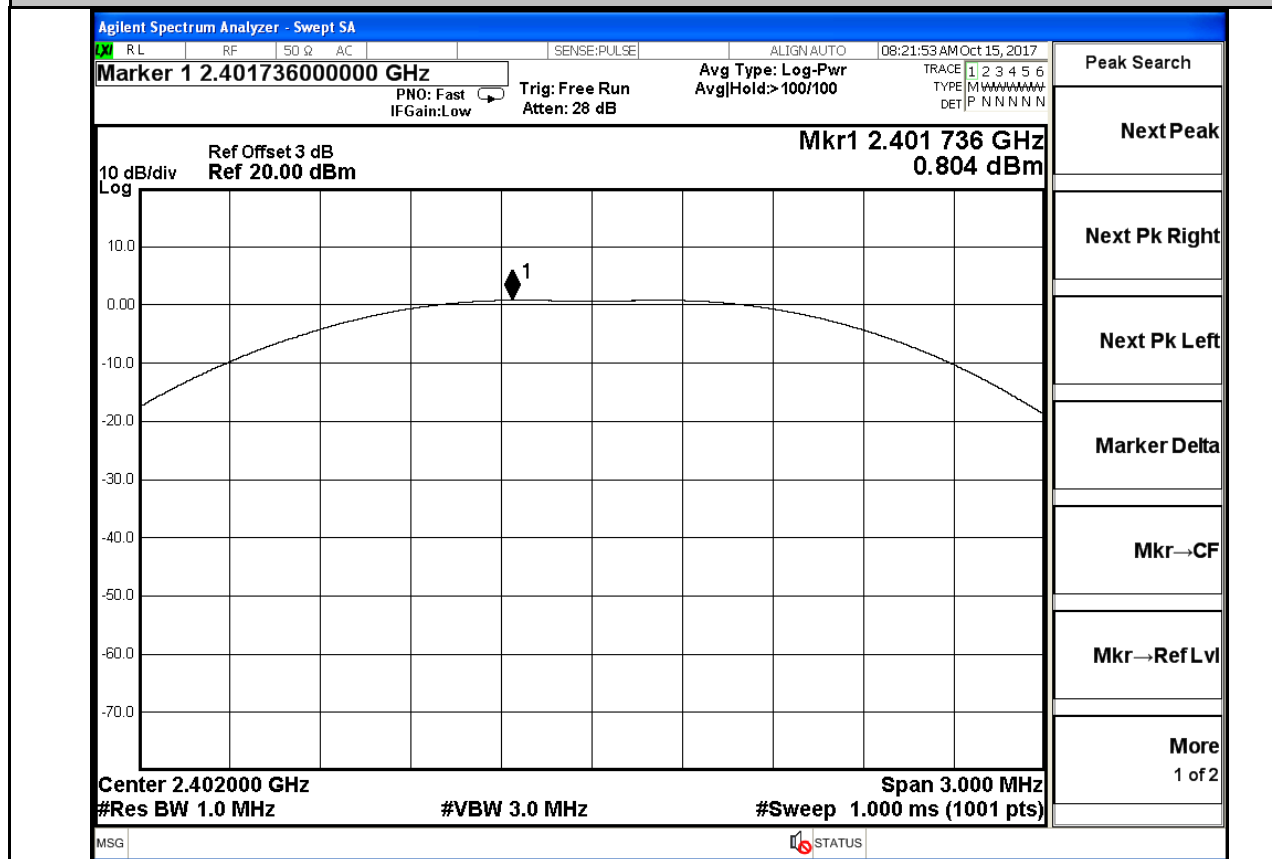
20 dB Bandwidth_BLE_2480



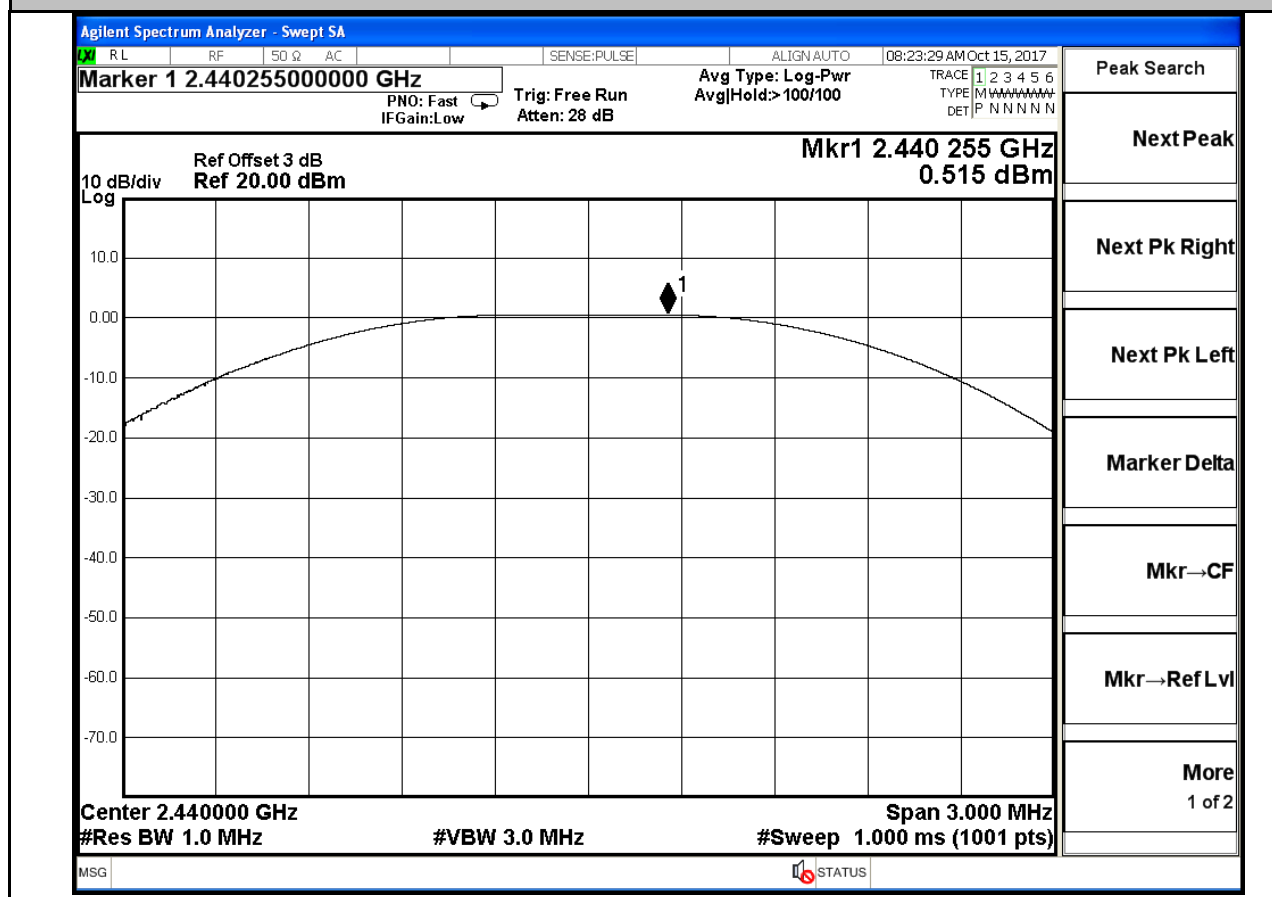
2.Maximum peak conducted output power

Test Mode	Test Channel	Ant	Power[dBm]	Limit[dBm]	Verdict
BLE	2402	Ant1	0.804	30	PASS
BLE	2440	Ant1	0.515	30	PASS
BLE	2480	Ant1	0.546	30	PASS

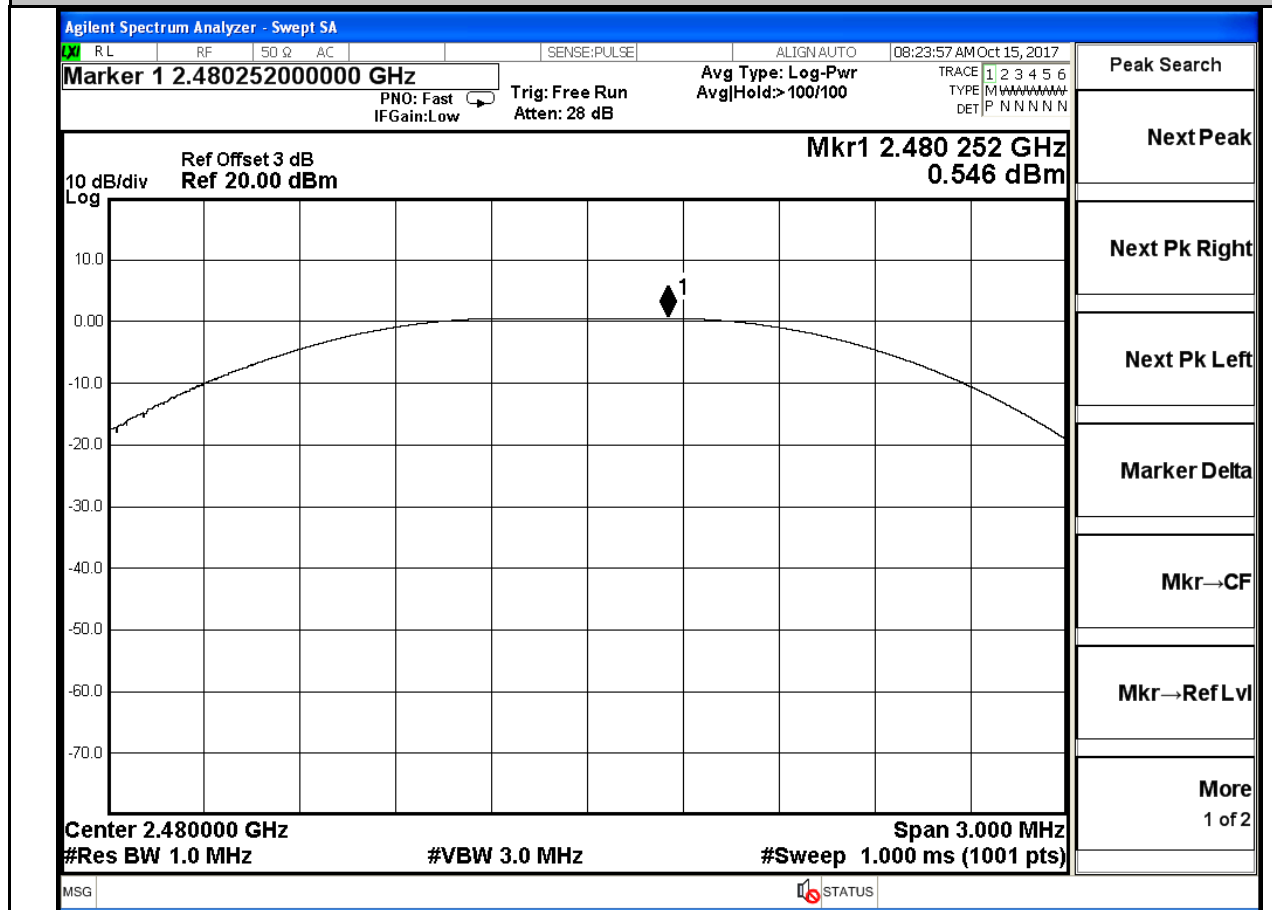
Conducted Peak Output Power_BLE_2402



Conducted Peak Output Power_BLE_2440



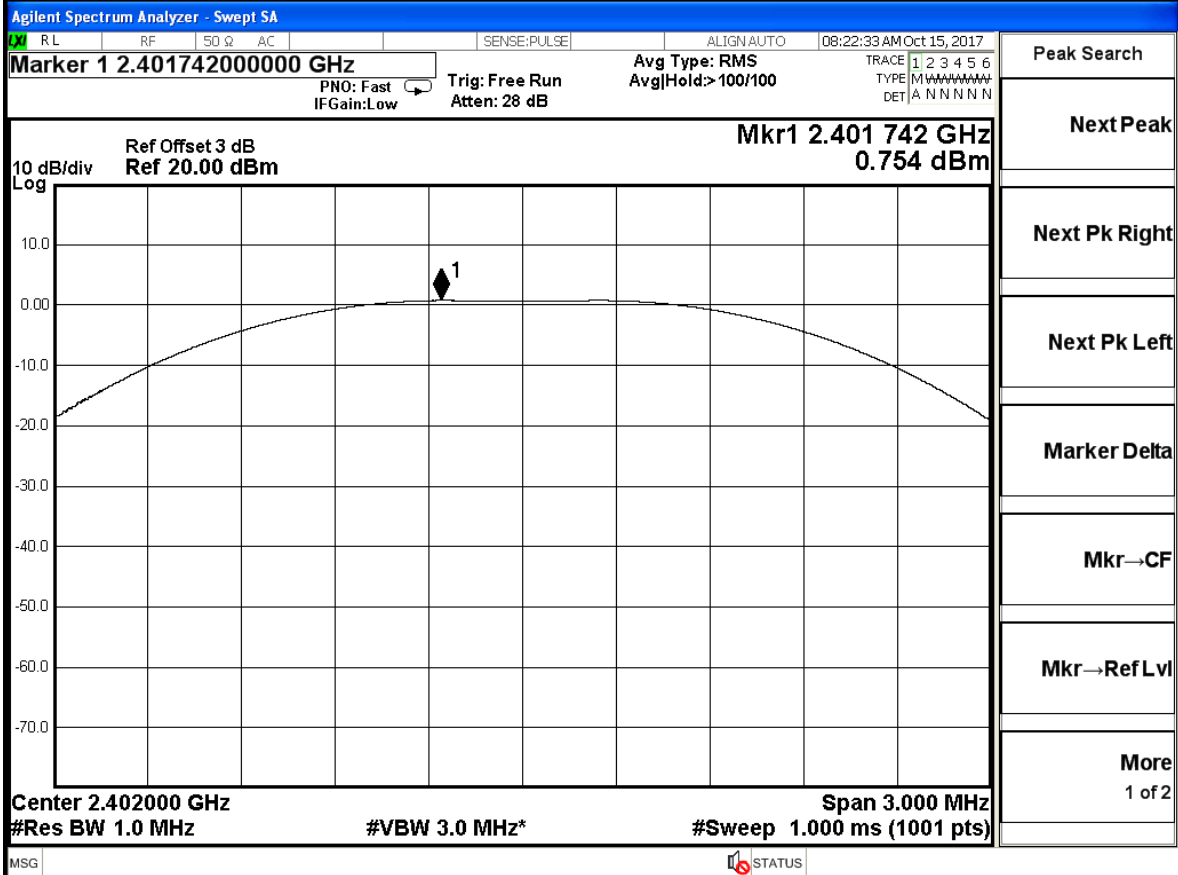
Conducted Peak Output Power_BLE_2480



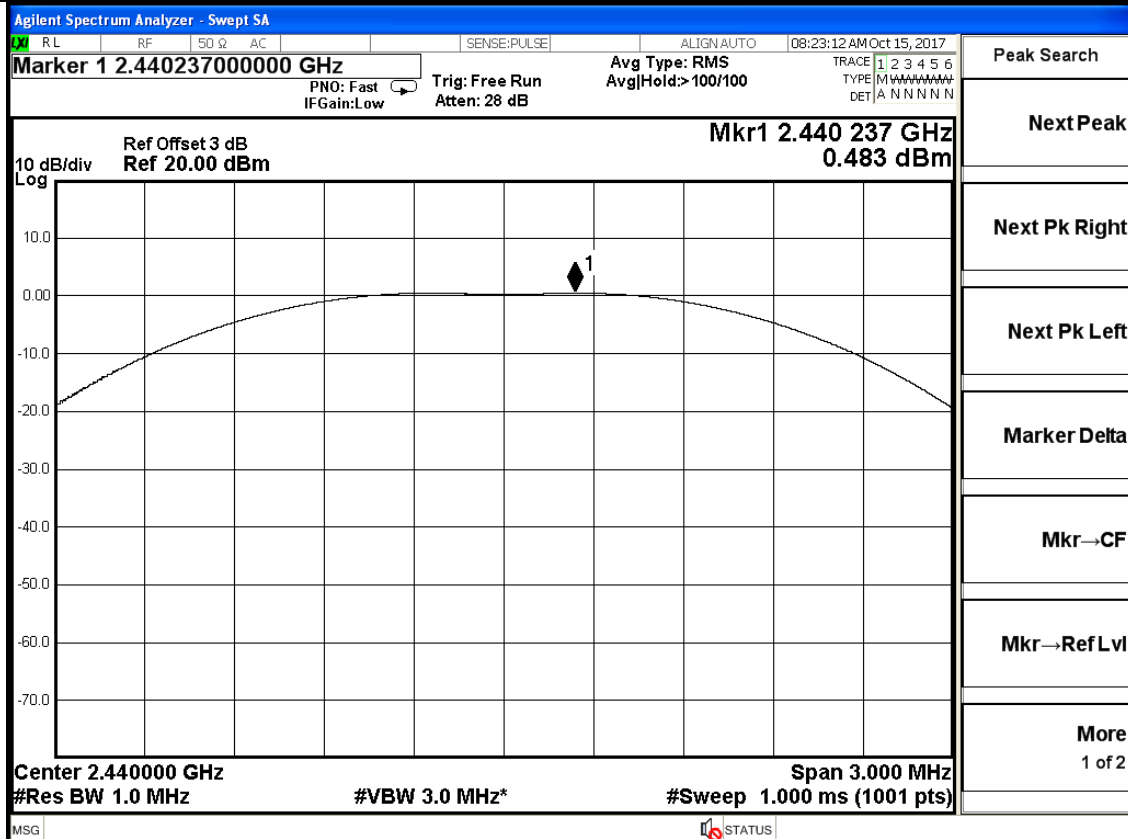
3.Maximum Average conducted output power

Test Mode	Test Channel	Ant	Power[dBm]	Limit[dBm]	Verdict
BLE	2402	Ant1	0.754	30	PASS
BLE	2440	Ant1	0.483	30	PASS
BLE	2480	Ant1	0.504	30	PASS

Conducted AVG Output Power_BLE_2402



Conducted AVG Output Power_BLE_2440

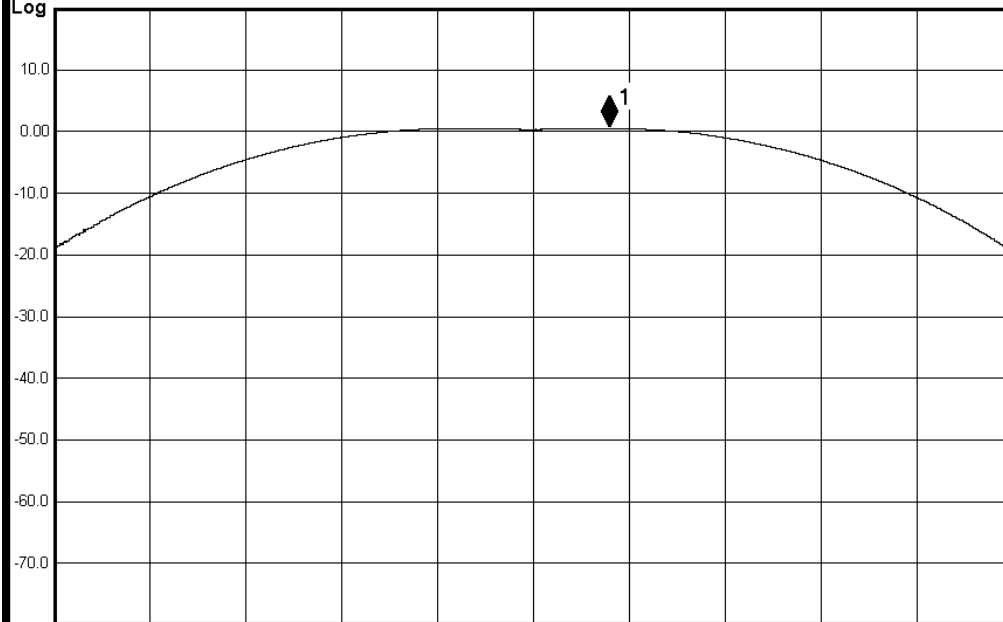


Conducted AVG Output Power_BLE_2480

Agilent Spectrum Analyzer - Swept SA

Marker 1 2.480237000000 GHz
PNO: Fast IF Gain: Low Trig: Free Run Atten: 28 dB
Ave Type: RMS Avg Hold: > 100/100
TRACE 1 2 3 4 5 6
TYPE M M M M M M M M
DET A N N N N N N

Ref Offset 3 dB Mkr1 2.480 237 GHz
Ref 20.00 dBm 0.504 dBm



Peak Search

Next Peak

Next Pk Right

Next Pk Left

Marker Delta

Mkr→CF

Mkr→Ref Lvl

More
1 of 2

MSG

STATUS

4.Carrier Frequency Separation

Test Mode	Test Channel	Result[MHz]	Limit[MHz]	Verdict
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5.Dwell Time

Test Mode	Test Channel	Burst Width[ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[s]	Limit[s]	Verdict
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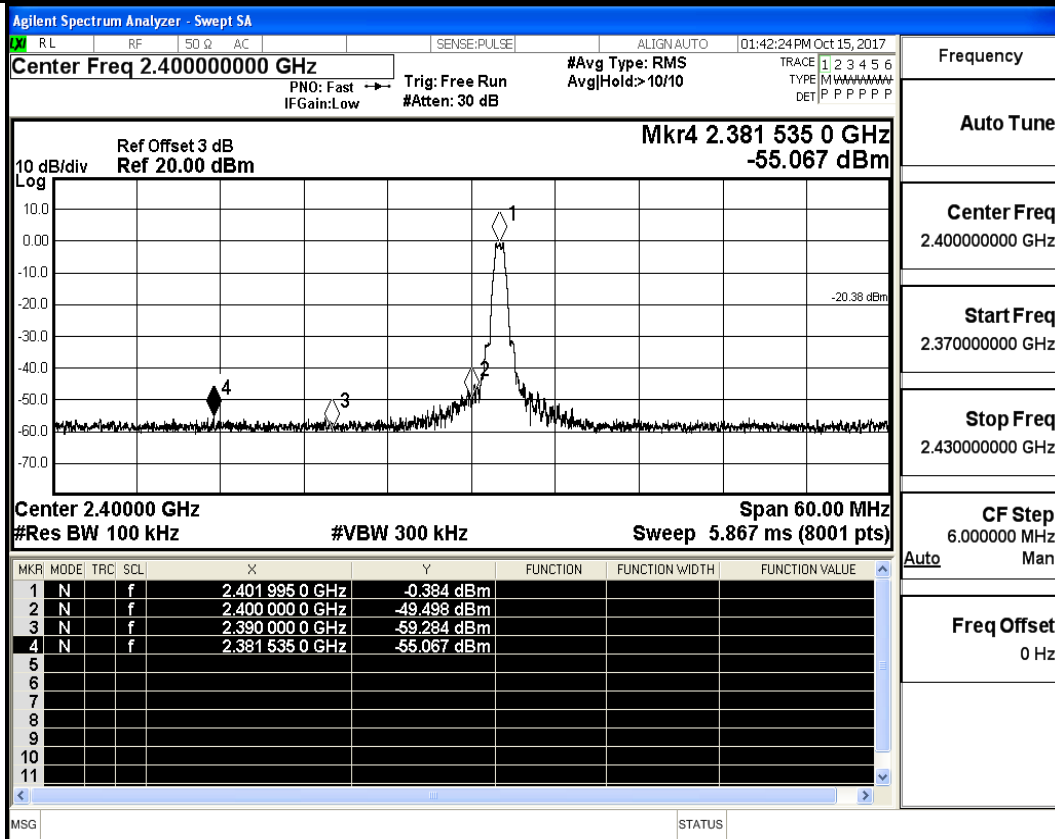
6.Hopping Channel Number

Test Mode	Test Channel	Number of Hopping Channel[N]	Limit[N]	Verdict
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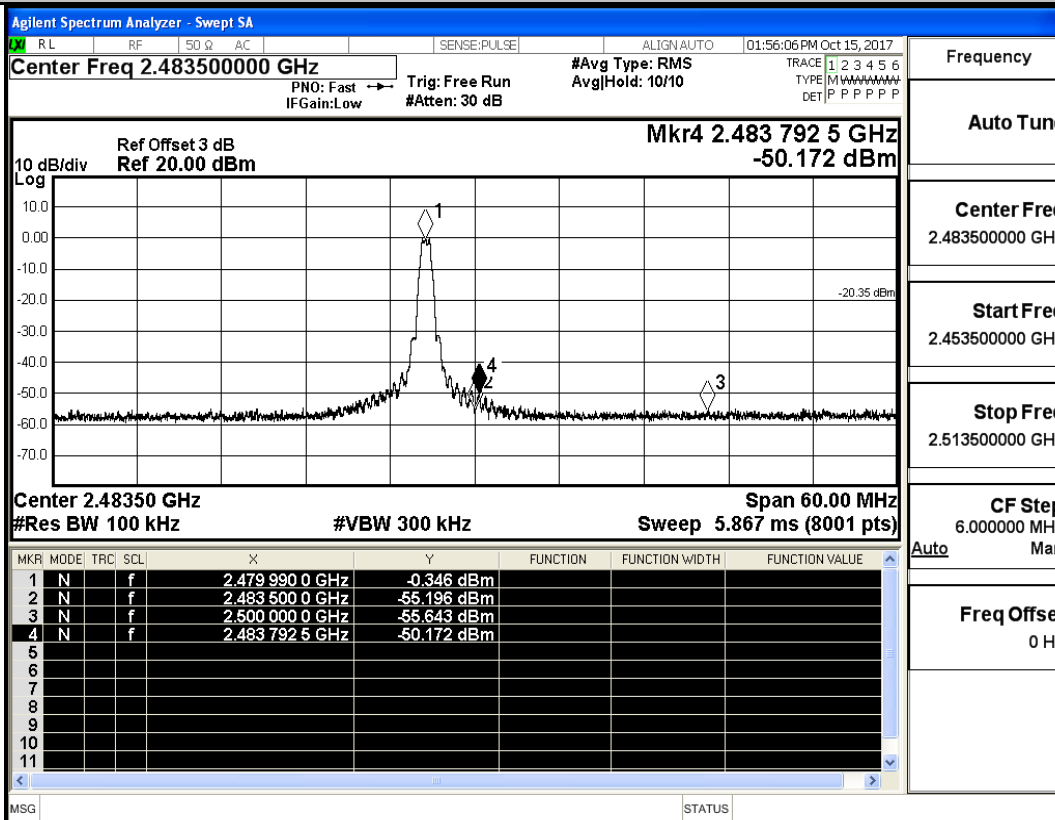
7.Band-edge for RF Conducted Emissions

Test Mode	Test Channel	Hopping	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit[dBm]	Verdict
BLE	2402	Off	-0.384	-55.067	-20.38	PASS
BLE	2480	Off	-0.346	-50.172	-20.35	PASS

Band-edge for RF Conducted Emissions_BLE_2402_Hopping Off

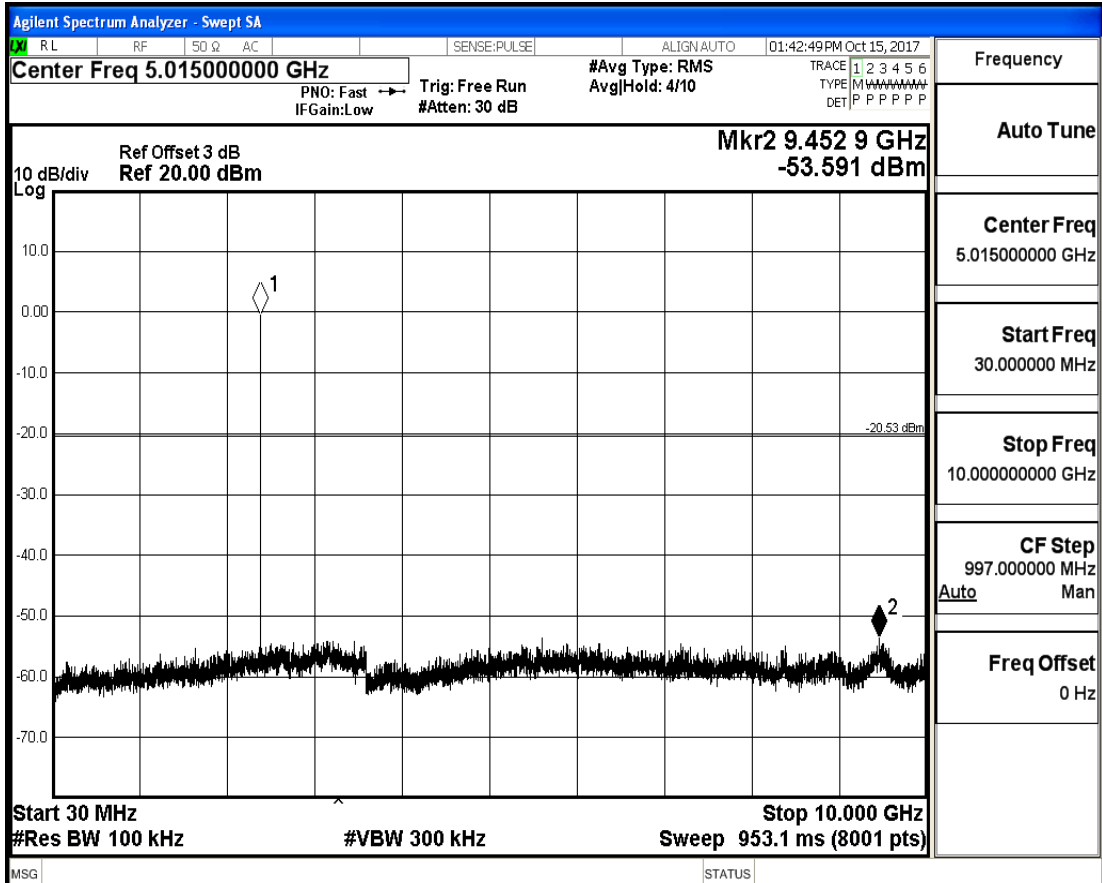


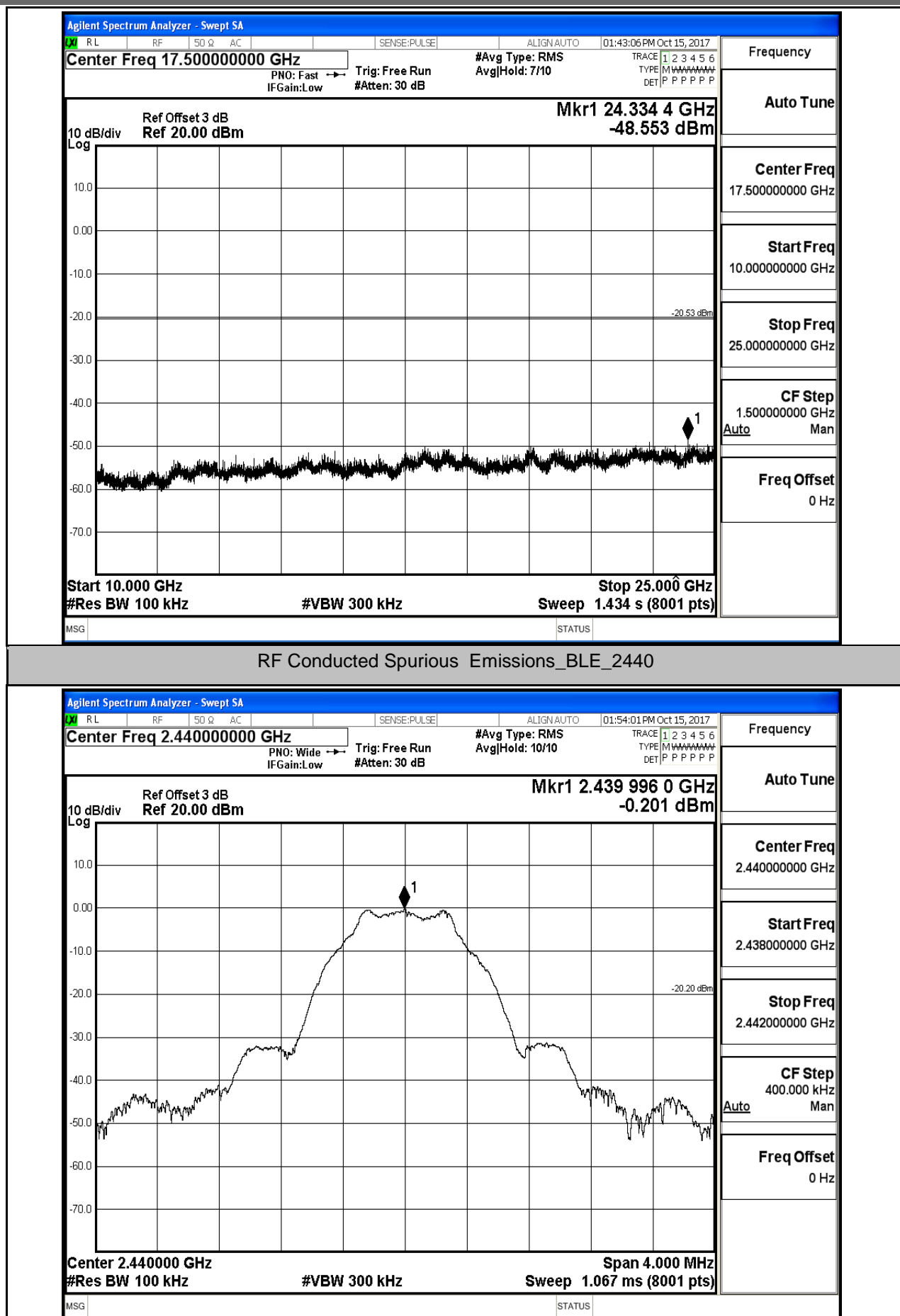
Band-edge for RF Conducted Emissions_BLE_2480_Hopping Off

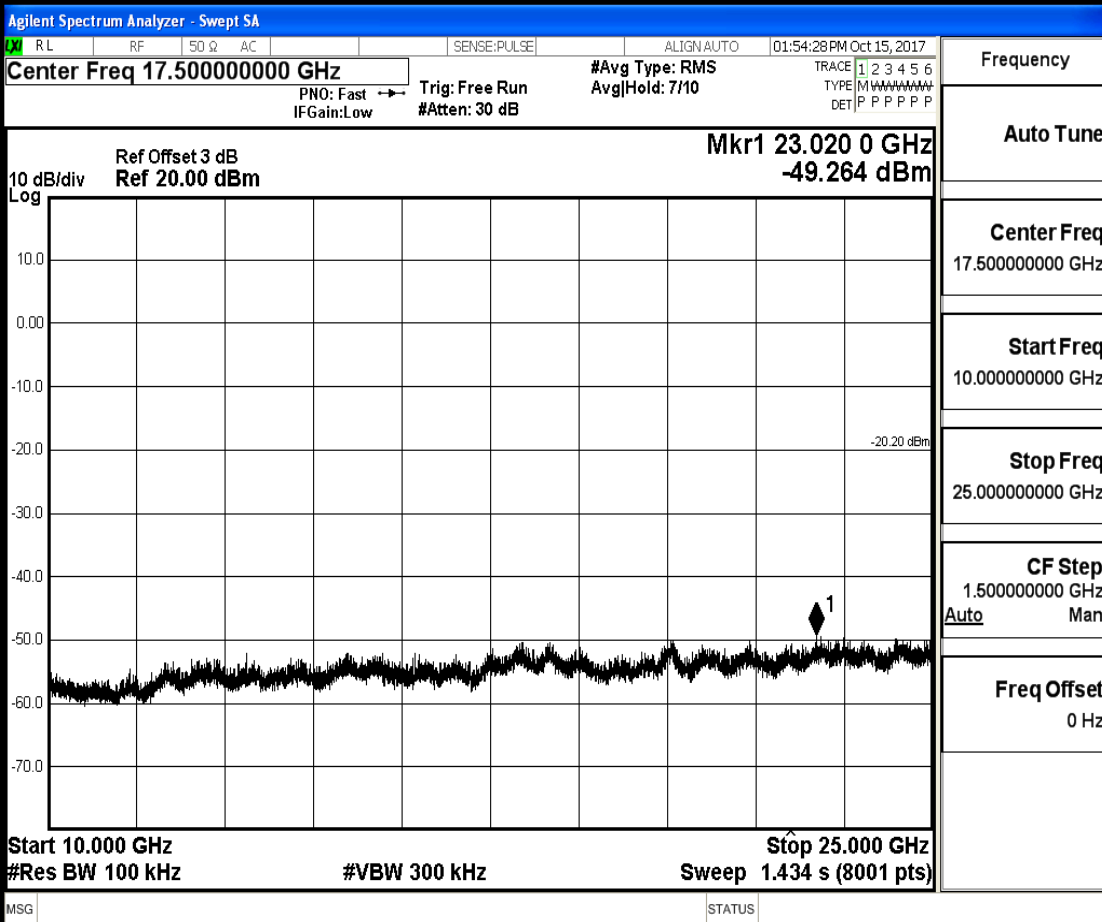
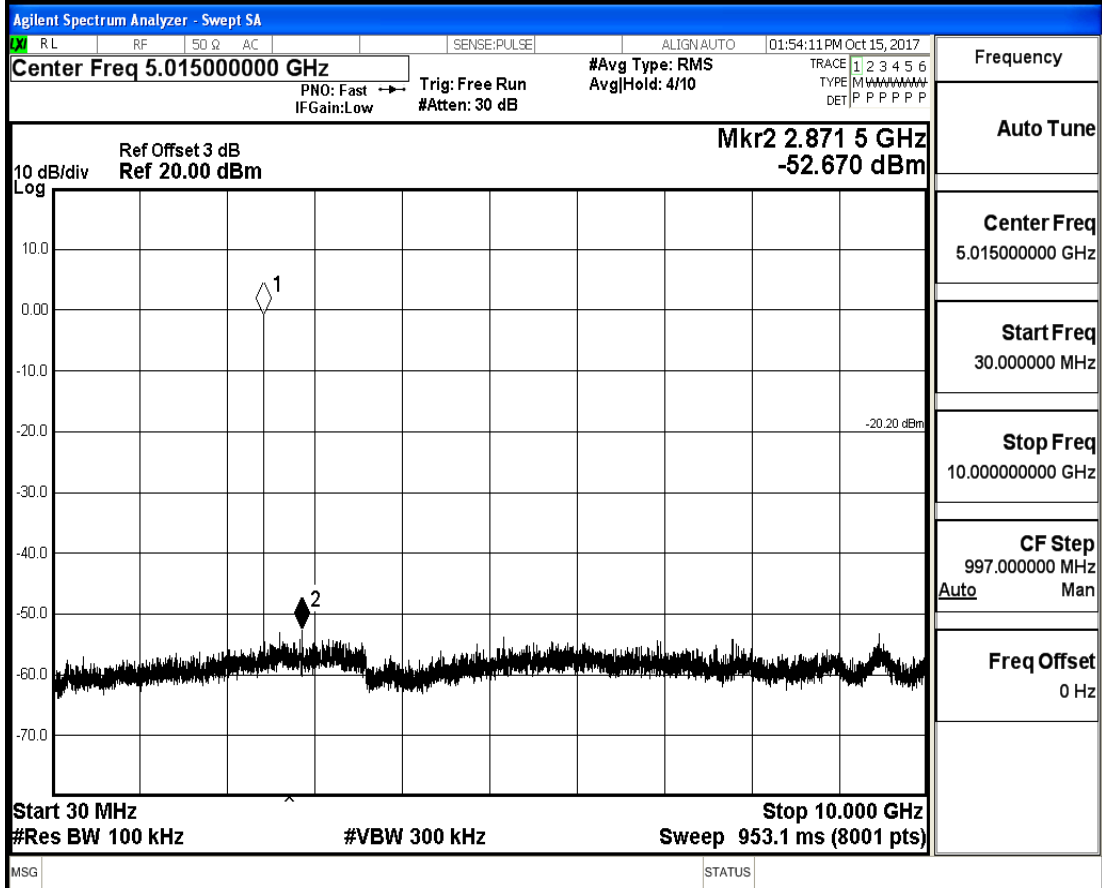


8.RF Conducted Spurious Emissions and PSD

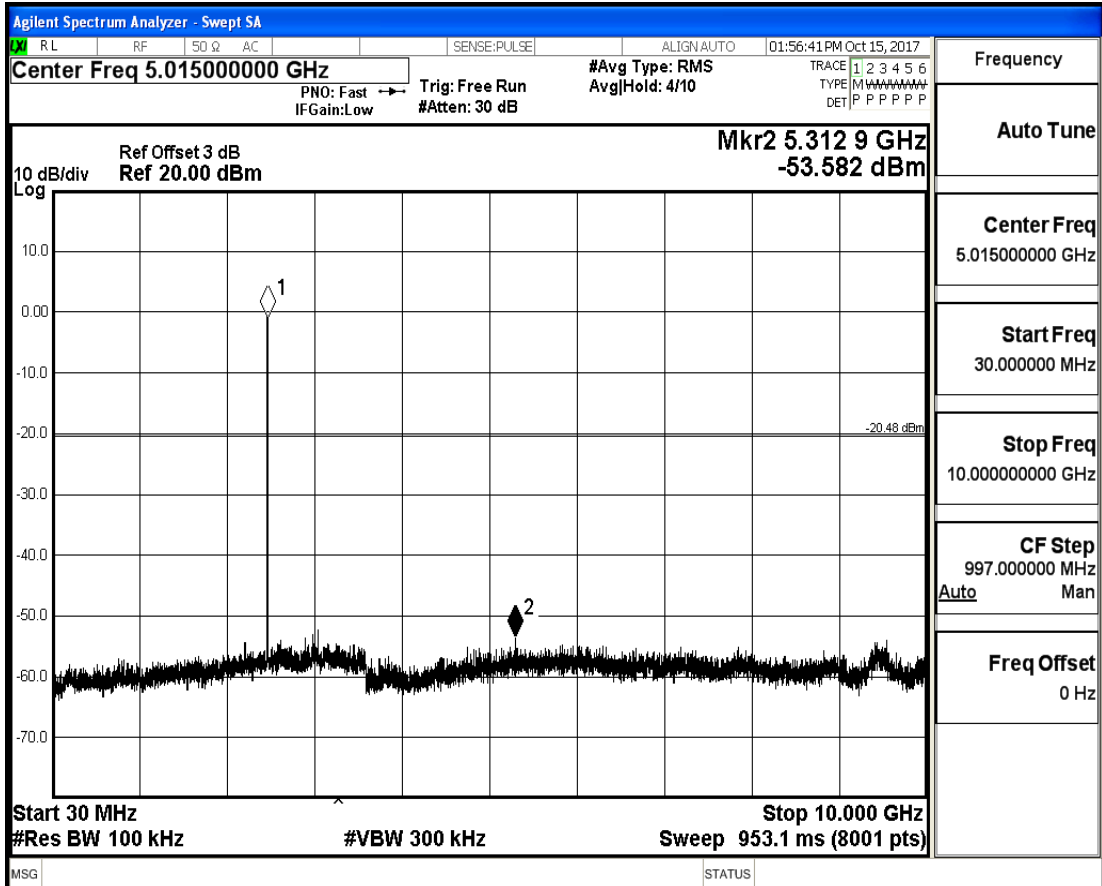
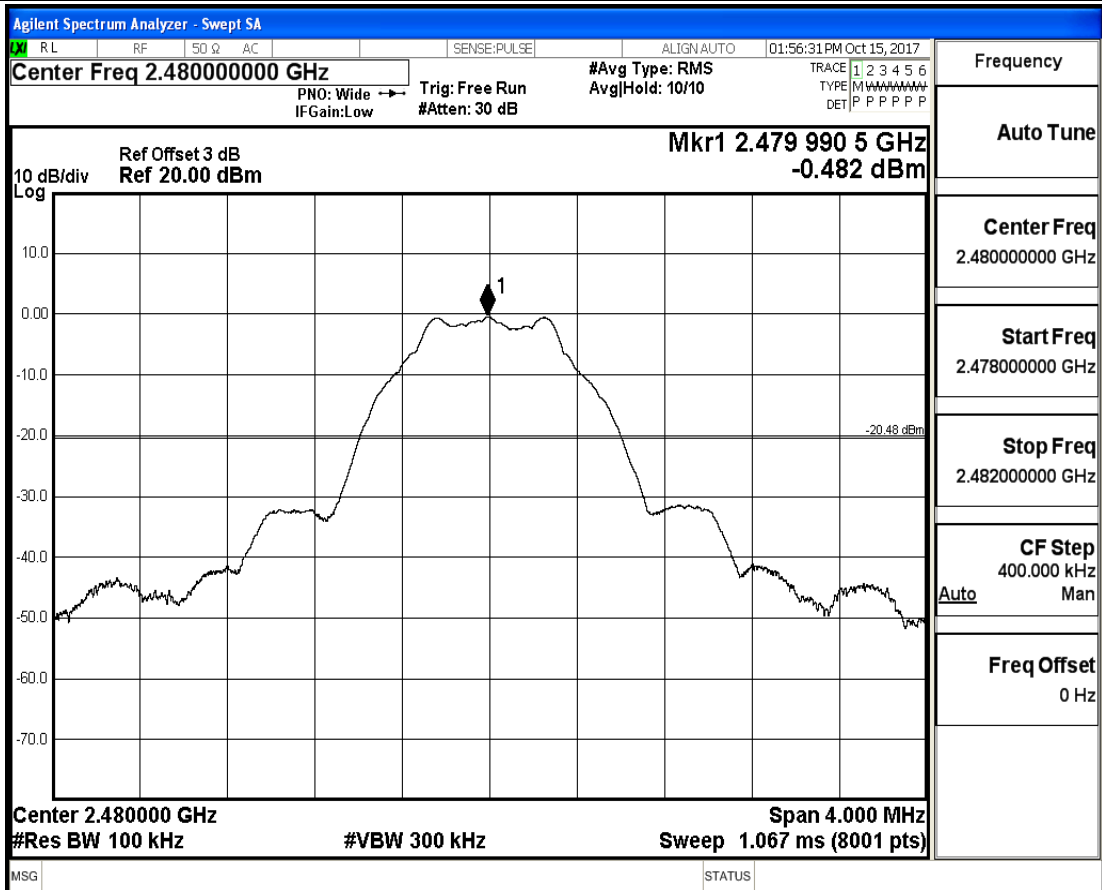
Test Mode	Test Channel	StartFre [MHz]	StopFre [MHz]	RBW [kHz]	VBW [kHz]	Pref[dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BLE	2402	30	10000	100	300	-0.53	-53.591	<-20.53	PASS
BLE	2402	10000	25000	100	300	-0.53	-48.553	<-20.53	PASS
BLE	2440	30	10000	100	300	-0.201	-52.670	<-20.201	PASS
BLE	2440	10000	25000	100	300	-0.201	-49.264	<-20.201	PASS
BLE	2480	30	10000	100	300	-0.482	-53.582	<-20.482	PASS
BLE	2480	10000	25000	100	300	-0.482	-49.243	<-20.482	PASS

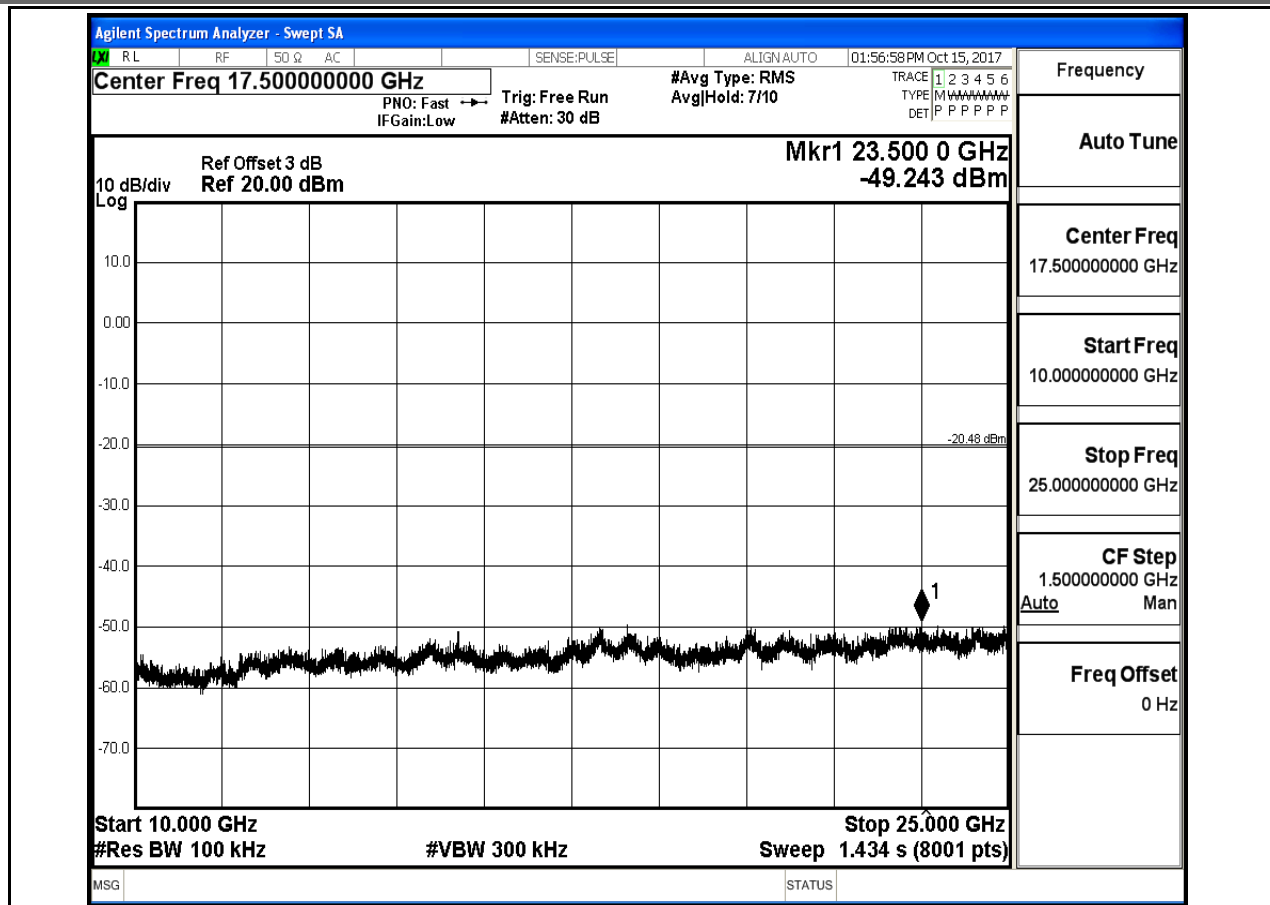






RF Conducted Spurious Emissions_BLE_2480

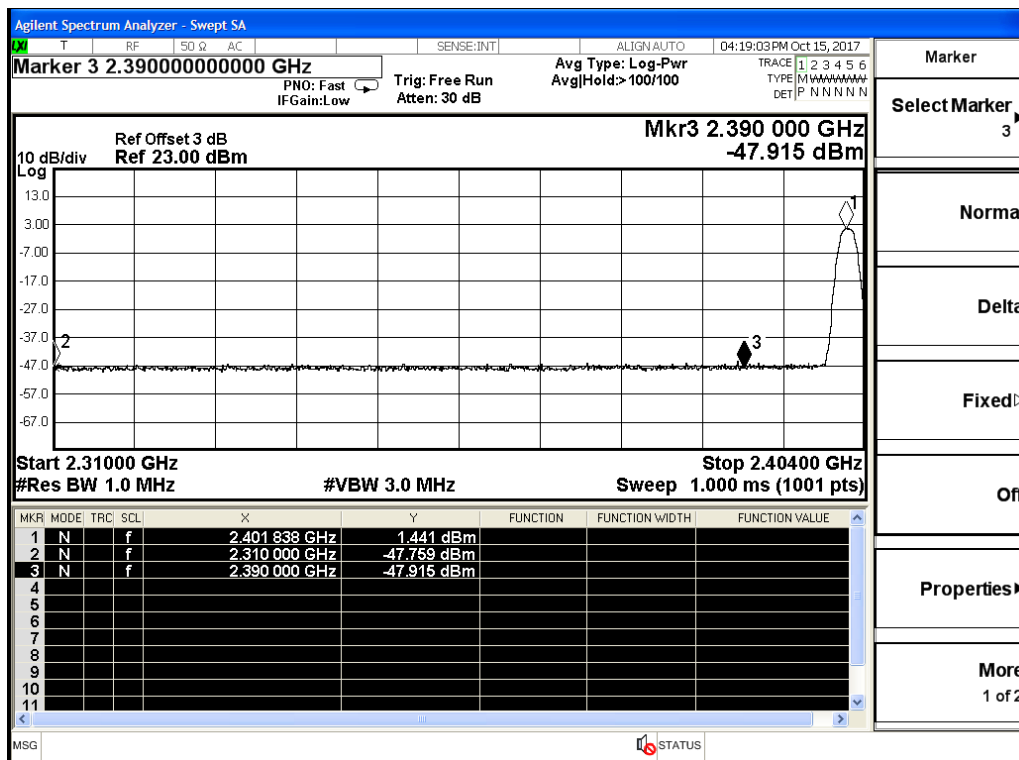




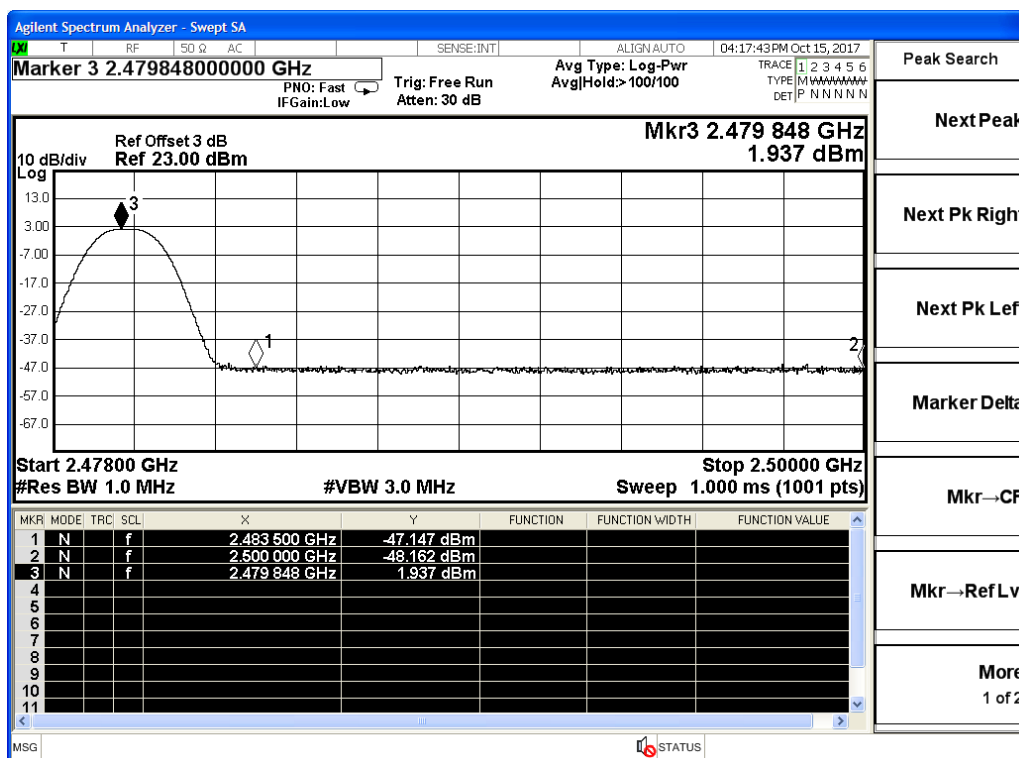
9.Restrict-band band-edge measurements

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
BLE	Off	2310.0	-47.76	2	0	49.500	PEAK	74	PASS
BLE	Off	2390.0	-47.92	2	0	49.340	PEAK	74	PASS
BLE	Off	2483.5	-47.15	2	0	50.110	PEAK	74	PASS
BLE	Off	2500.0	-48.16	2	0	49.100	PEAK	74	PASS

Restrict-band band-edge measurements_Hopping Off_PEAK-2402



Restrict-band band-edge measurements_Hopping Off_PEAK-2480



10. Duty Cycle

Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict
BLE	2440	Ant1	100	PASS

Duty Cycle_BLE_2440_Ant1

