

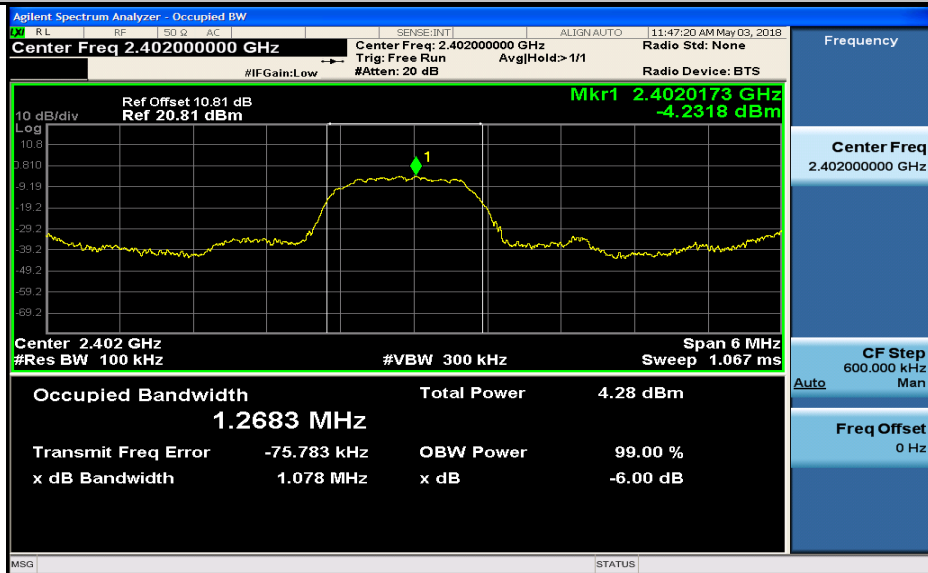


## Appendix 15.247 for SHEM180400299702

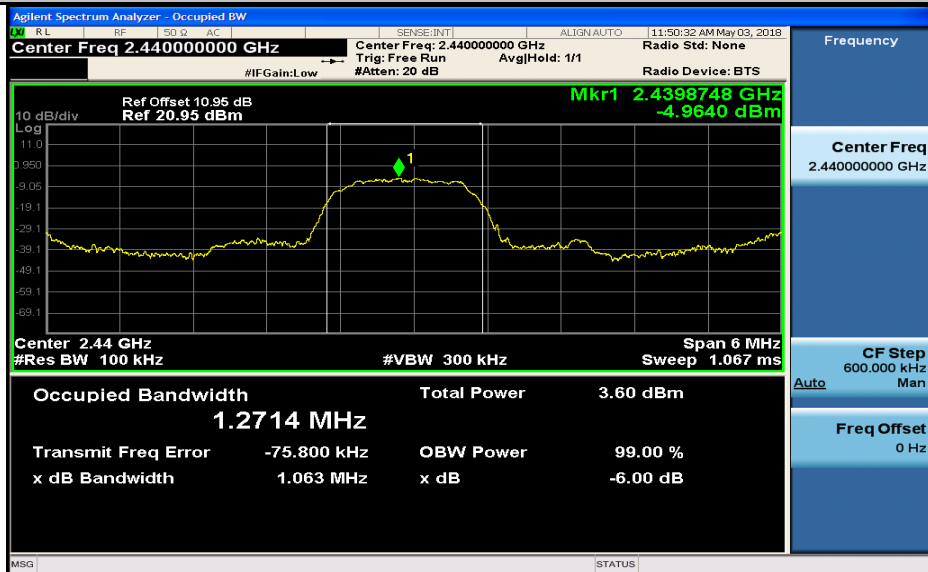
### 1.6dB Bandwidth

Test Mode	Test Channel	EBW[MHz]	Limit	Verdict
BLE	2402	1.08	0.5	PASS
BLE	2440	1.06	0.5	PASS
BLE	2480	1.07	0.5	PASS

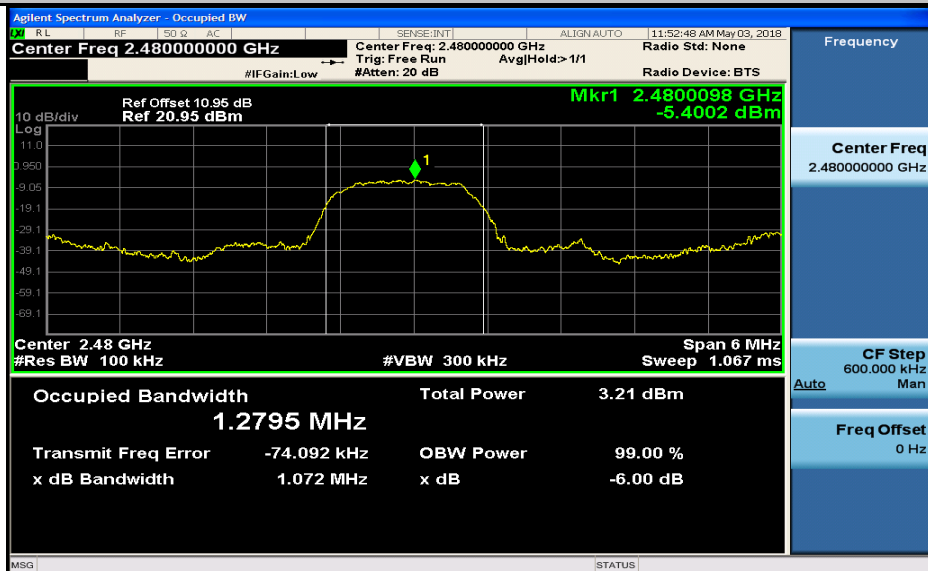
## 6dB Bandwidth\_BLE\_2402



## 6dB Bandwidth\_BLE\_2440



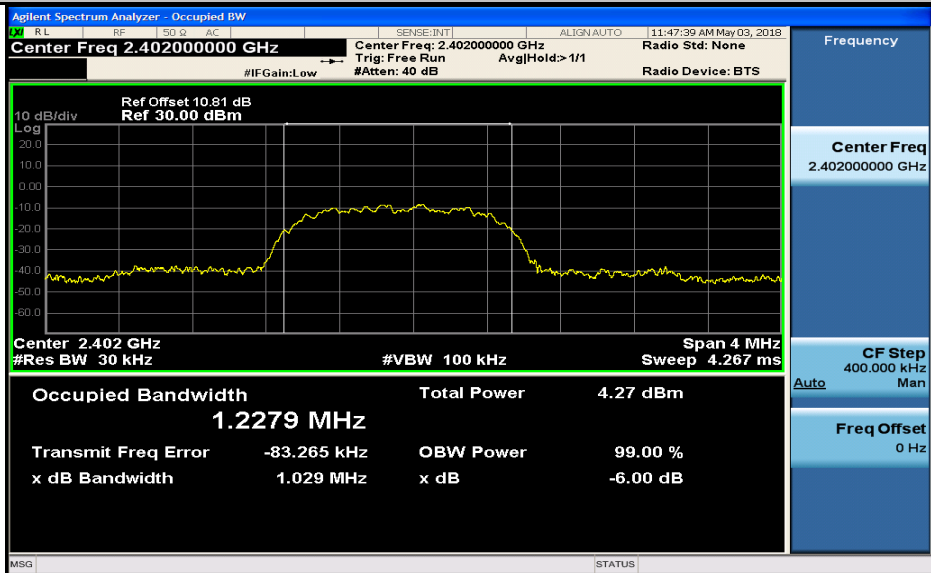
## 6dB Bandwidth\_BLE\_2480



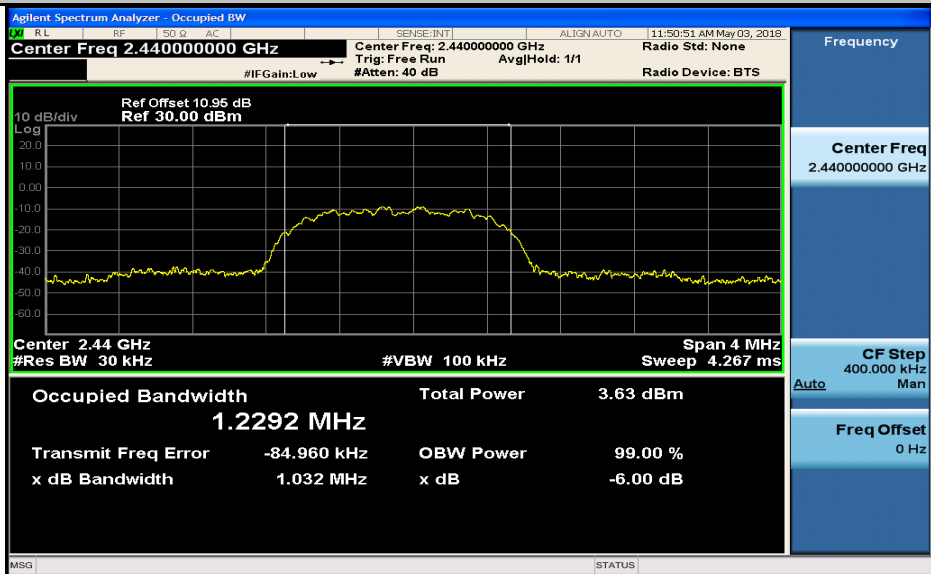
## 2.Occupied Bandwidth

Test Mode	Test Channel	OBW[MHz]	Limit[MHz]	Verdict
BLE	2402	1.23	---	PASS
BLE	2440	1.23	---	PASS
BLE	2480	1.23	---	PASS

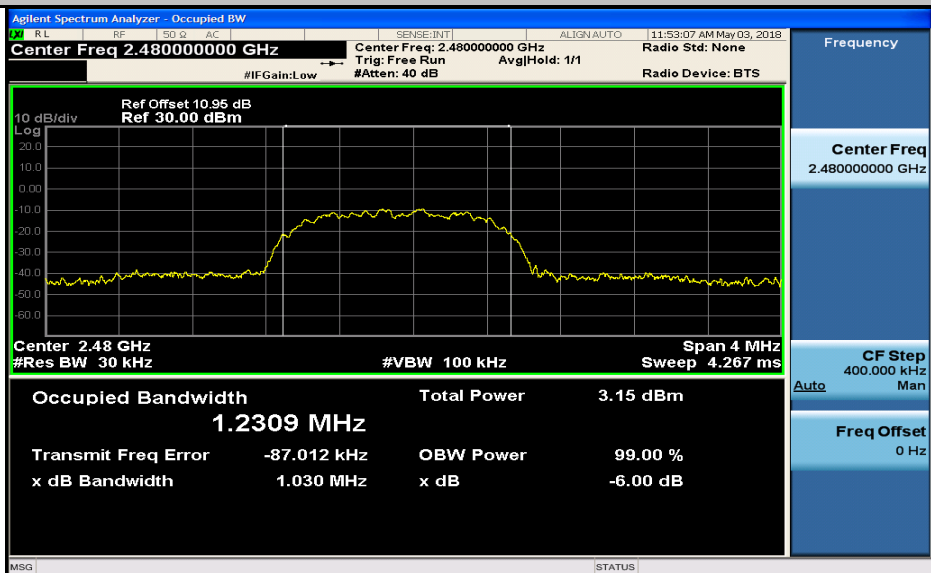
## Occupied Bandwidth\_BLE\_2402



## Occupied Bandwidth\_BLE\_2440



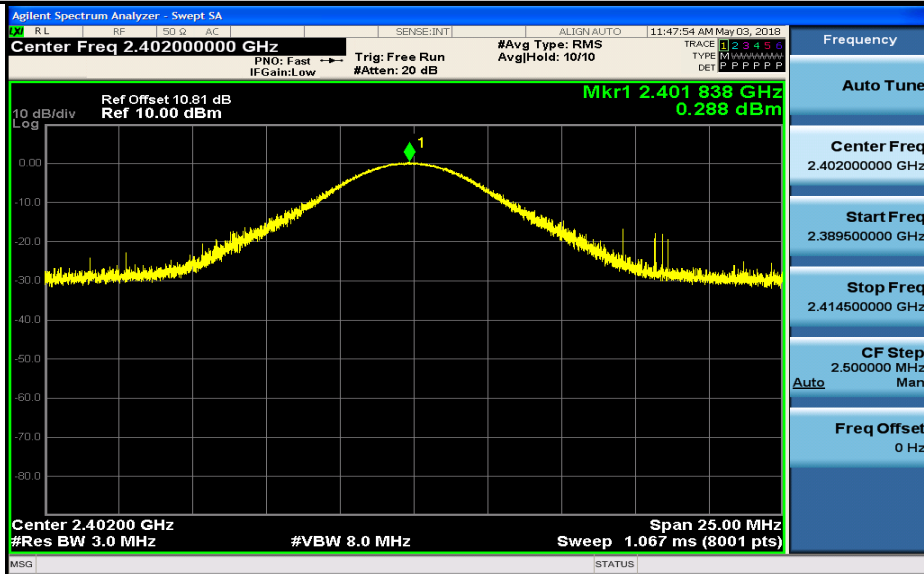
## Occupied Bandwidth\_BLE\_2480



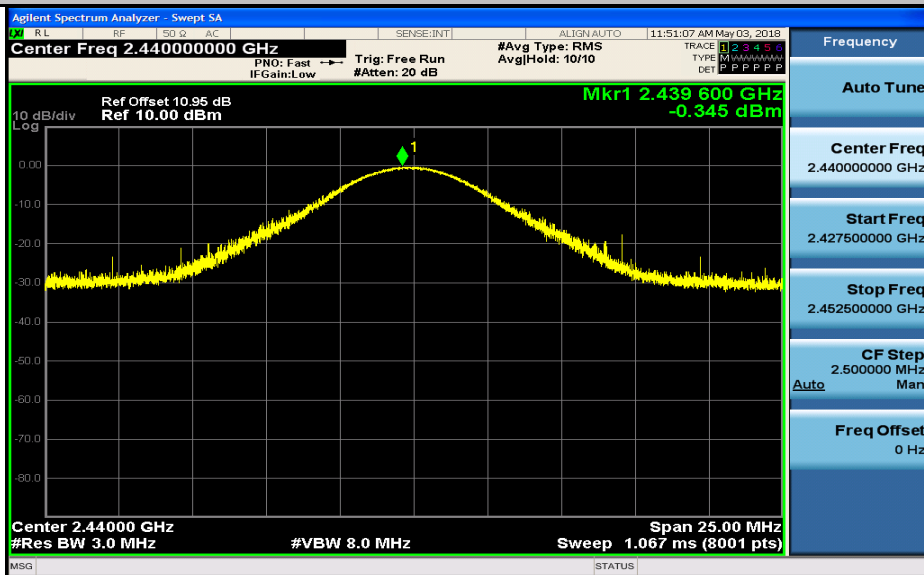
### 3. Maximum peak conducted output power

Test Mode	Test Channel	Power[dBm]	Limit[dBm]	Verdict
BLE	2402	0.29	30	PASS
BLE	2440	-0.35	30	PASS
BLE	2480	-0.77	30	PASS

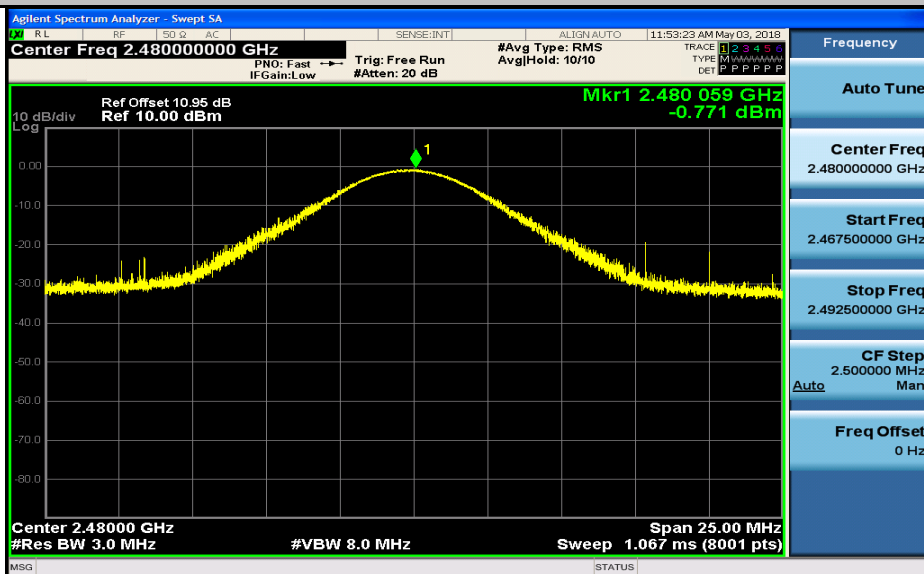
Maximum peak conducted output power\_BLE\_2402



Maximum peak conducted output power\_BLE\_2440



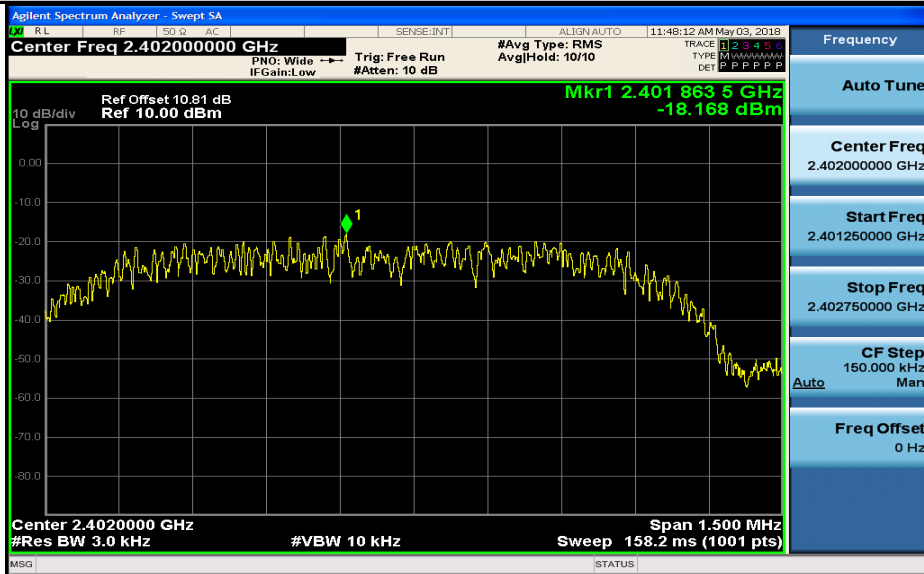
Maximum peak conducted output power\_BLE\_2480



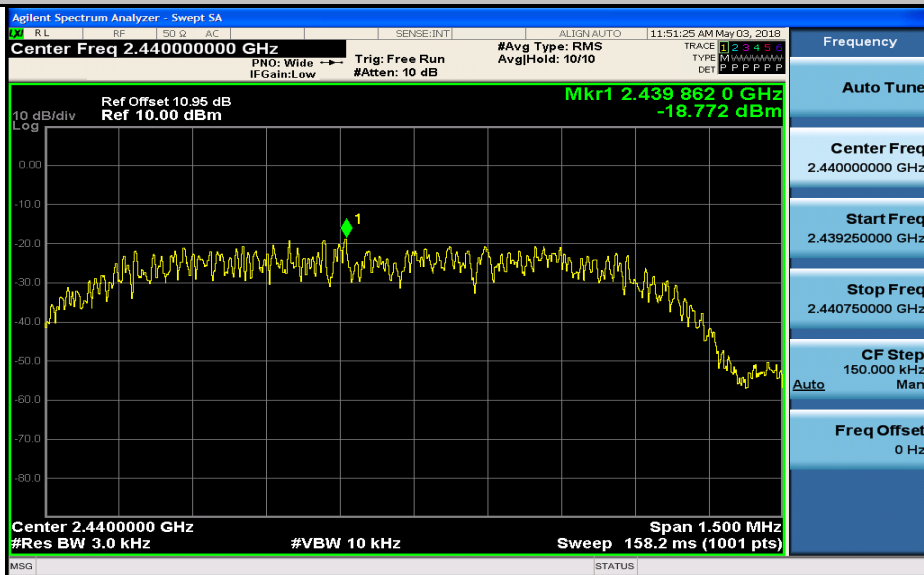
**4.Maximum Peak power spectral density**

Test Mode	Test Channel	PSD[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE	2402	-18.17	8.00	PASS
BLE	2440	-18.77	8.00	PASS
BLE	2480	-19.23	8.00	PASS

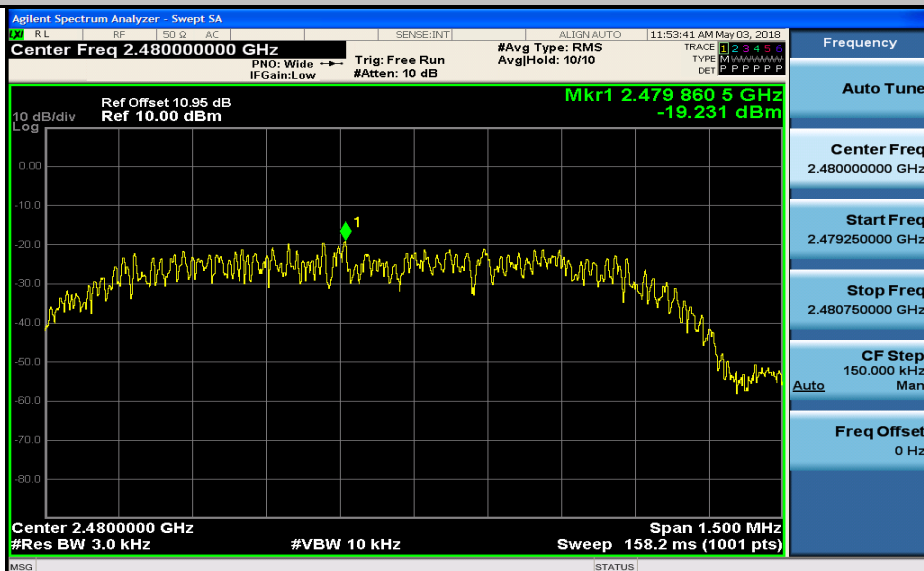
## Maximum Peak power spectral density\_BLE\_2402



## Maximum Peak power spectral density\_BLE\_2440



## Maximum Peak power spectral density\_BLE\_2480

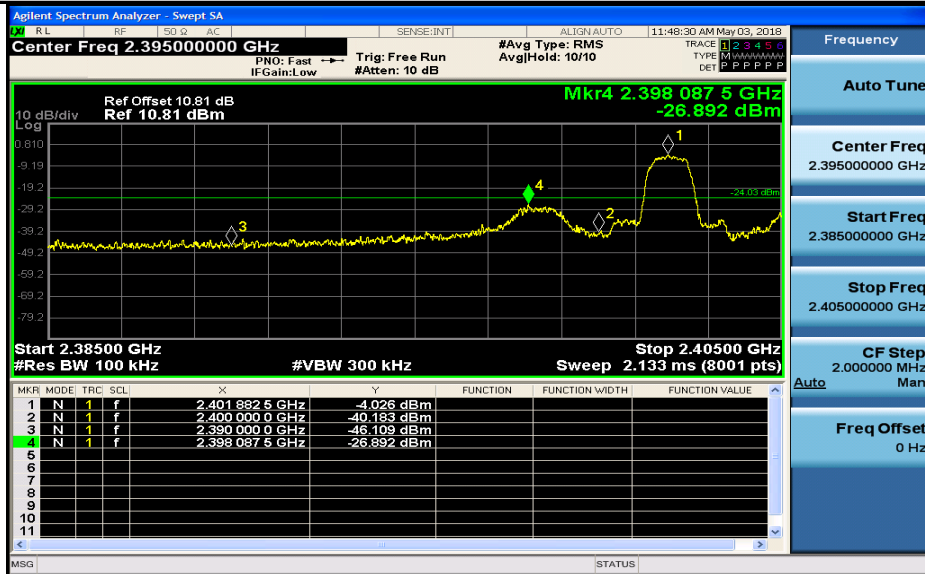




**5.Band-edge for RF Conducted Emissions**

Test Mode	Test Channel	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit [dBm]	Verdict
BLE	2402	-4.03	-26.89	-24.03	PASS
BLE	2480	-5.32	-29.88	-25.32	PASS

Band-edge for RF Conducted Emissions\_BLE\_2402\_Hopping Off



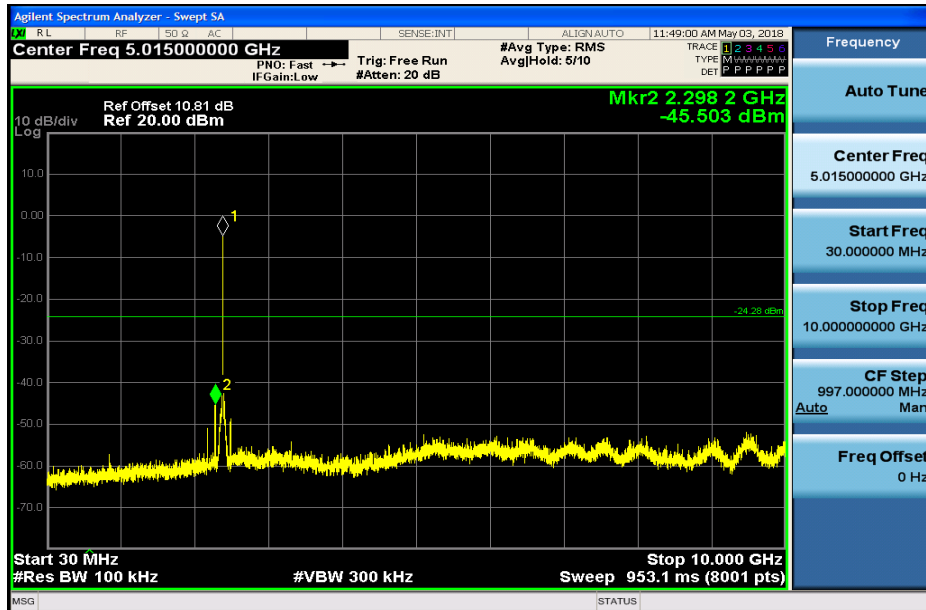
Band-edge for RF Conducted Emissions\_BLE\_2480\_Hopping Off

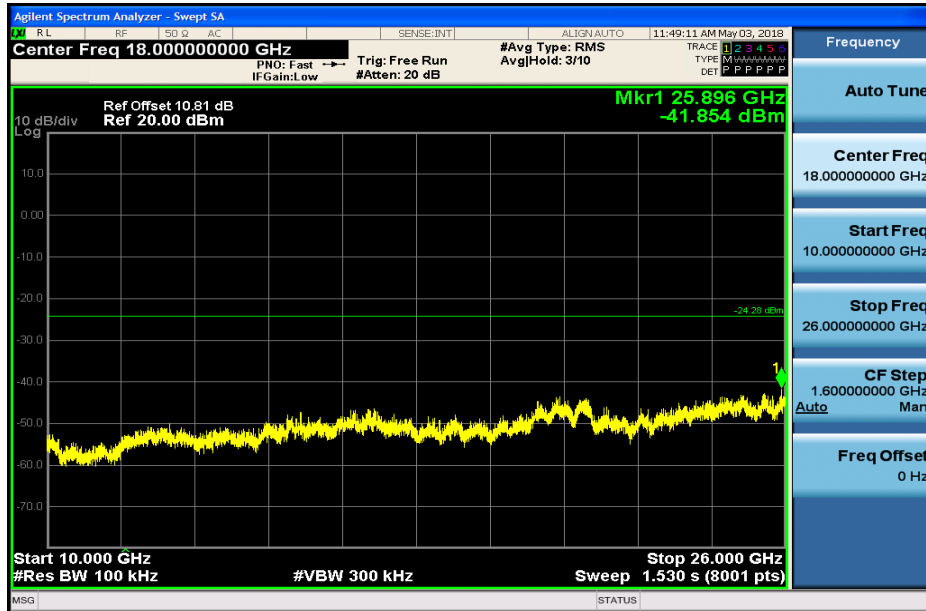


**6.RF Conducted Spurious Emissions**

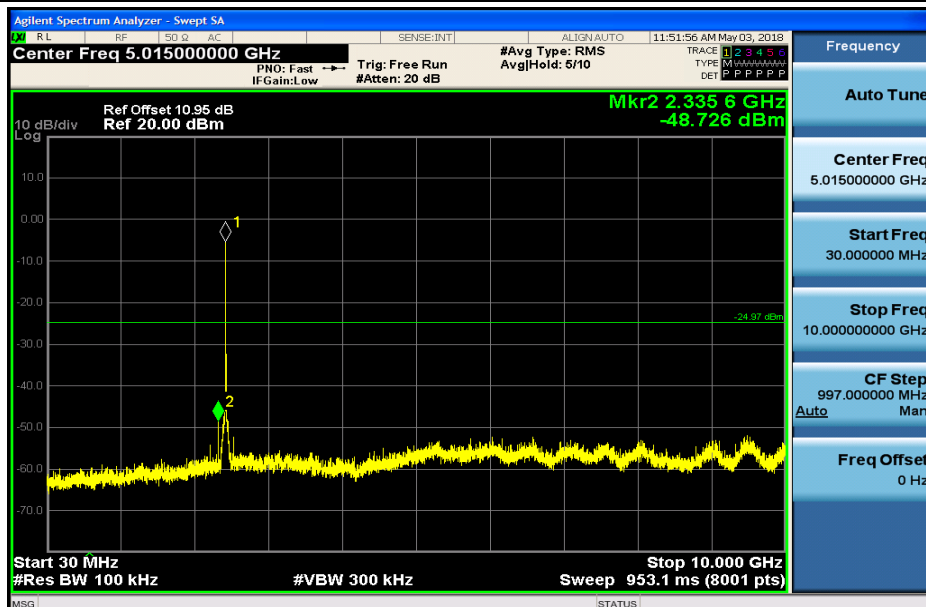
Test Mode	Test Channel	StartFre [MHz]	StopFre [MHz]	RBW [kHz]	VBW [kHz]	Pref[dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
BLE	2402	30	10000	100	300	-4.28	-45.50	<-24.28	PASS
BLE	2402	10000	26000	100	300	-4.28	-41.854	<-24.28	PASS
BLE	2440	30	10000	100	300	-4.97	-48.73	<-24.97	PASS
BLE	2440	10000	26000	100	300	-4.966	-41.723	<-24.966	PASS
BLE	2480	30	10000	100	300	-5.60	-50.29	<-25.60	PASS
BLE	2480	10000	26000	100	300	-5.597	-42.034	<-25.597	PASS

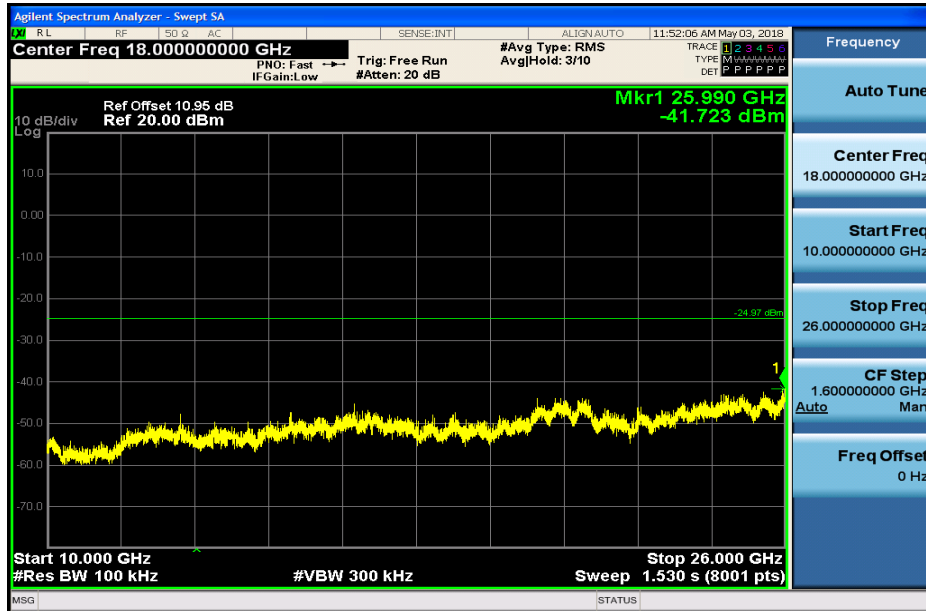
RF Conducted Spurious Emissions\_BLE\_2402





RF Conducted Spurious Emissions\_BLE\_2440





RF Conducted Spurious Emissions\_BLE\_2480

