

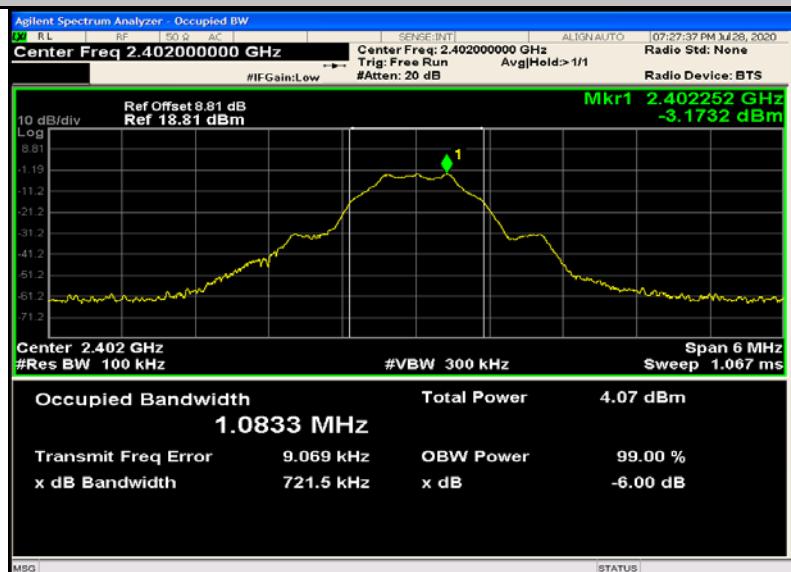


**Appendix B for SHEM200500389602**

**1.6dB Bandwidth**

Test Mode	Test Channel	EBW[MHz]		Limit	Verdict
		1M	2M		
BLE	2402	0.72	1.29	0.5	PASS
BLE	2440	0.72	1.31	0.5	PASS
BLE	2480	0.73	1.28	0.5	PASS

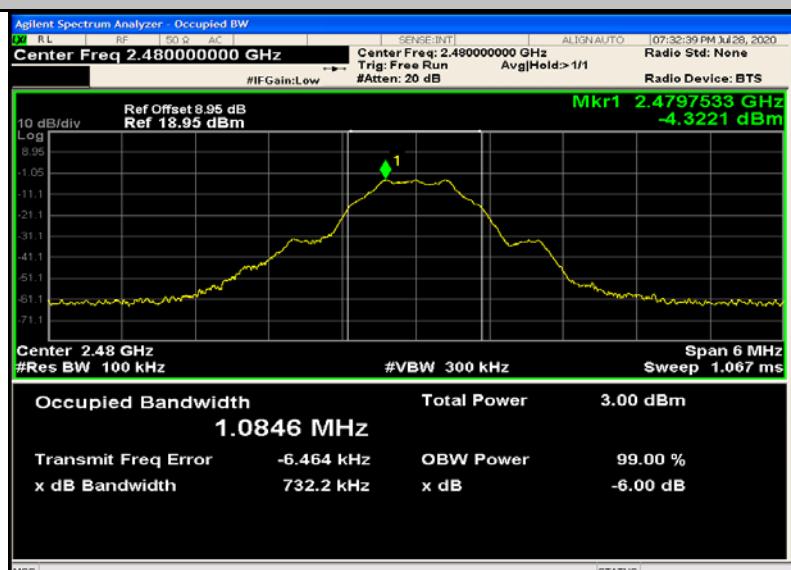
## 6dB Bandwidth\_BLE\_2402\_1M

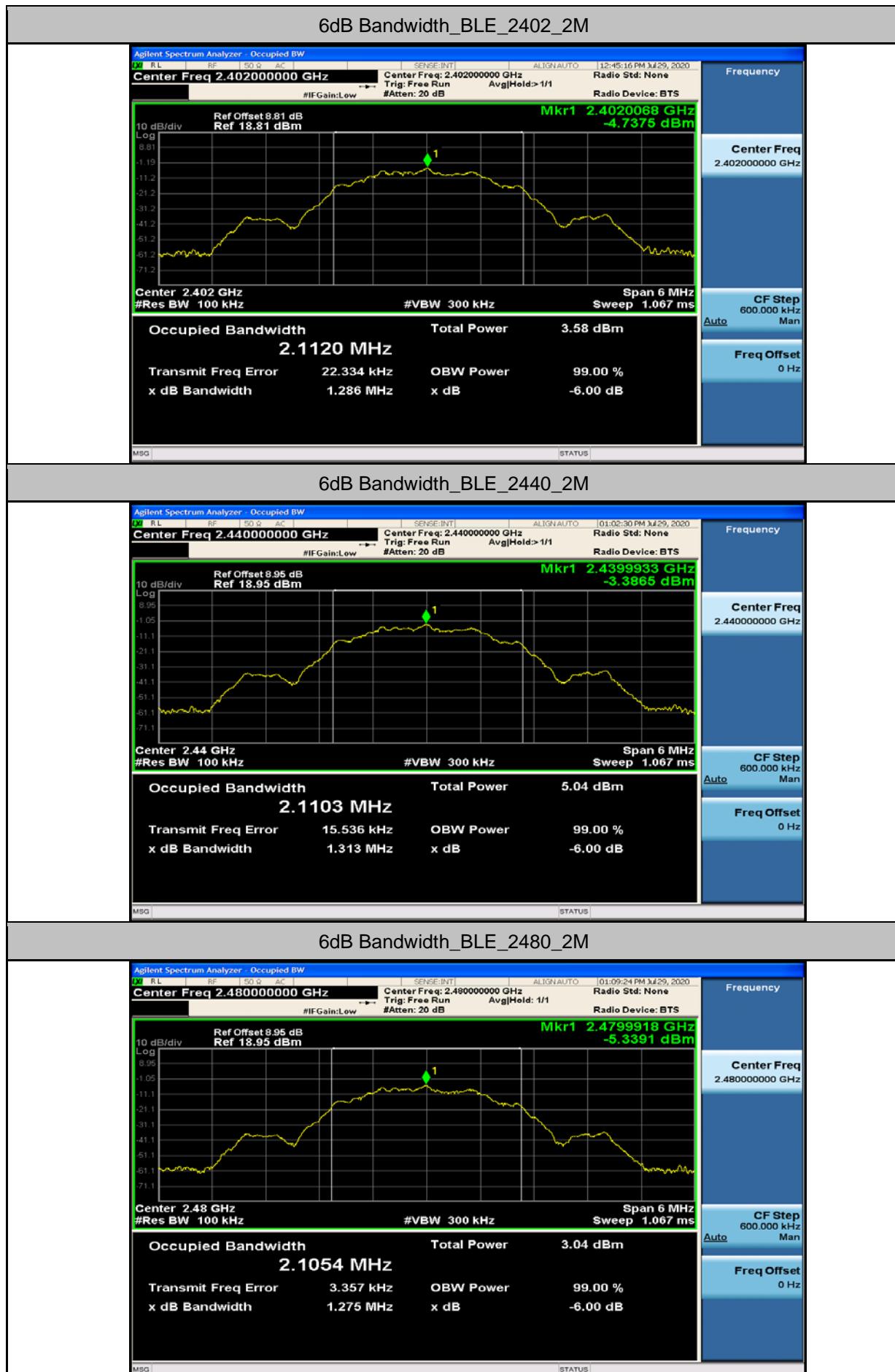


## 6dB Bandwidth\_BLE\_2440\_1M



## 6dB Bandwidth\_BLE\_2480\_1M



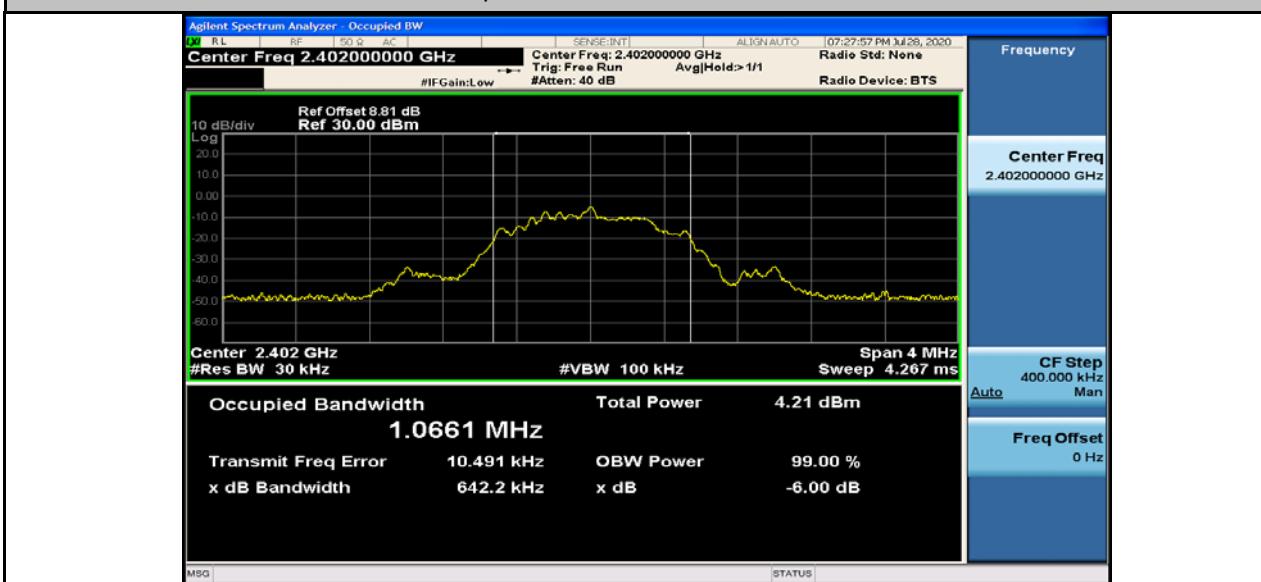




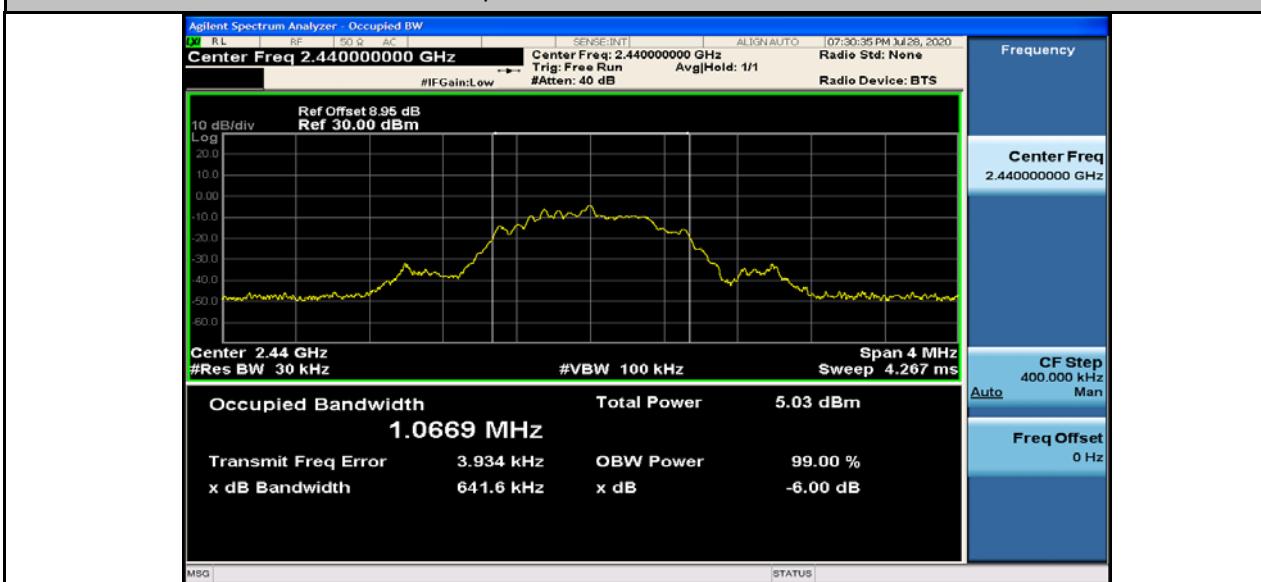
**2.Occupied Bandwidth**

Test Mode	Test Channel	OBW[MHz]		Limit[MHz]	Verdict
		1M	2M		
BLE	2402	1.07	2.11	---	PASS
BLE	2440	1.07	2.11	---	PASS
BLE	2480	1.07	2.11	---	PASS

## Occupied Bandwidth\_BLE\_2402\_1M



## Occupied Bandwidth\_BLE\_2440\_1M



## Occupied Bandwidth\_BLE\_2480\_1M



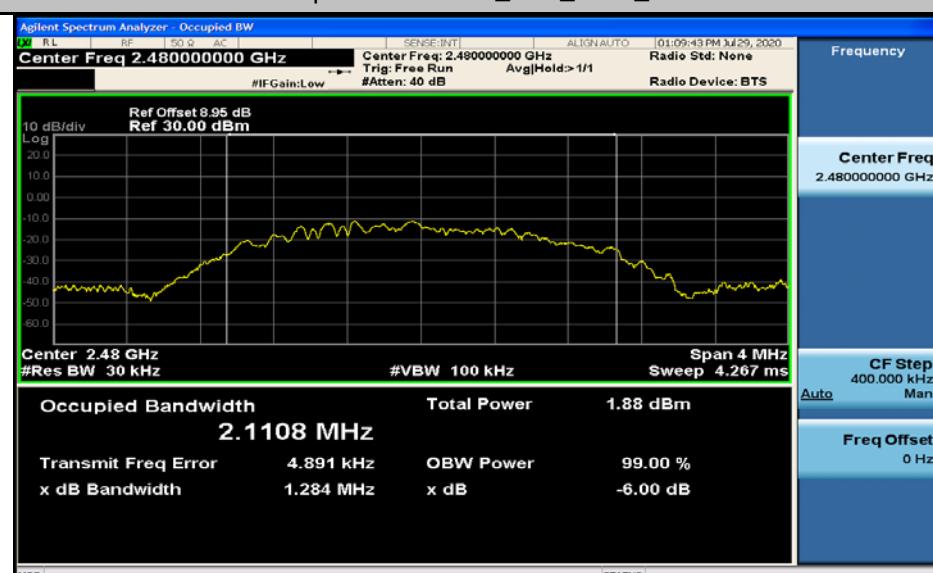
## Occupied Bandwidth\_BLE\_2402\_2M



## Occupied Bandwidth\_BLE\_2440\_2M



## Occupied Bandwidth\_BLE\_2480\_2M

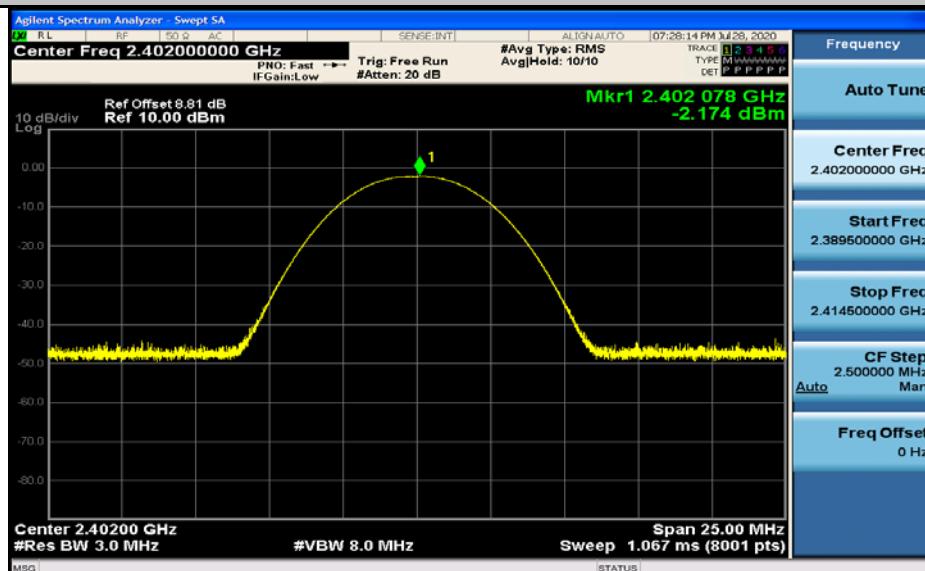




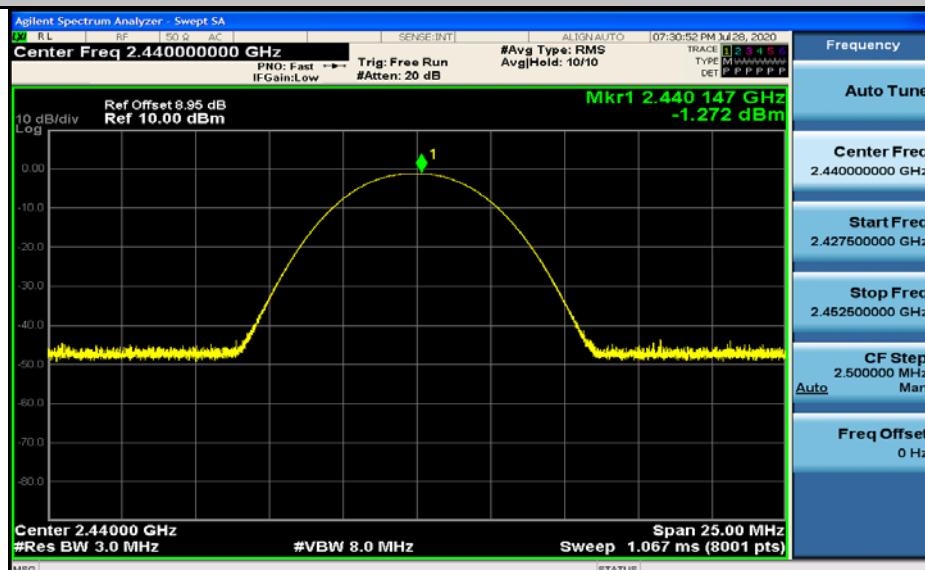
**3. Maximum peak conducted output power**

Test Mode	Test Channel	Power[dBm]		Limit[dBm]	Verdict
		1M	2M		
BLE	2402	-2.17	-2.71	30	PASS
BLE	2440	-1.27	-1.24	30	PASS
BLE	2480	-3.2	-3.15	30	PASS

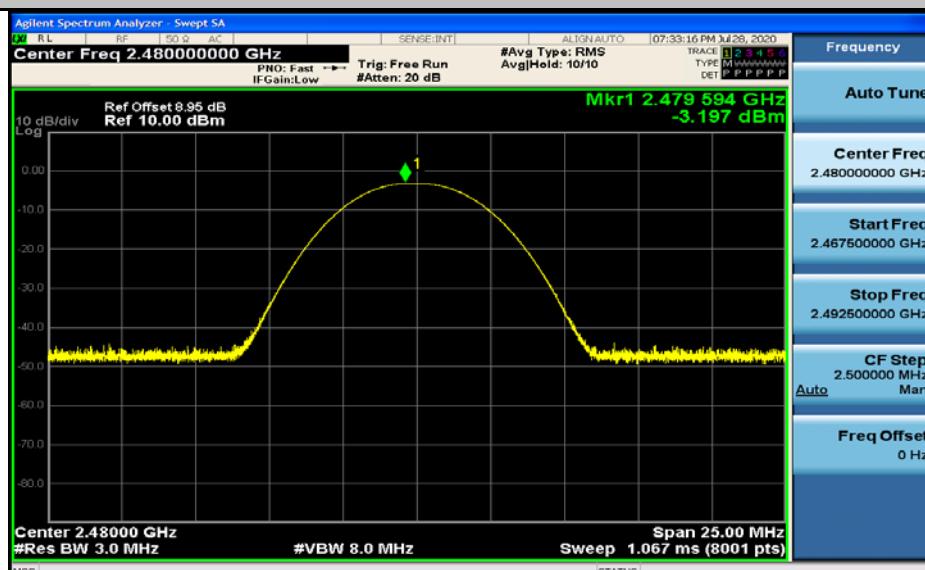
## Maximum peak conducted output power\_BLE\_2402\_1M



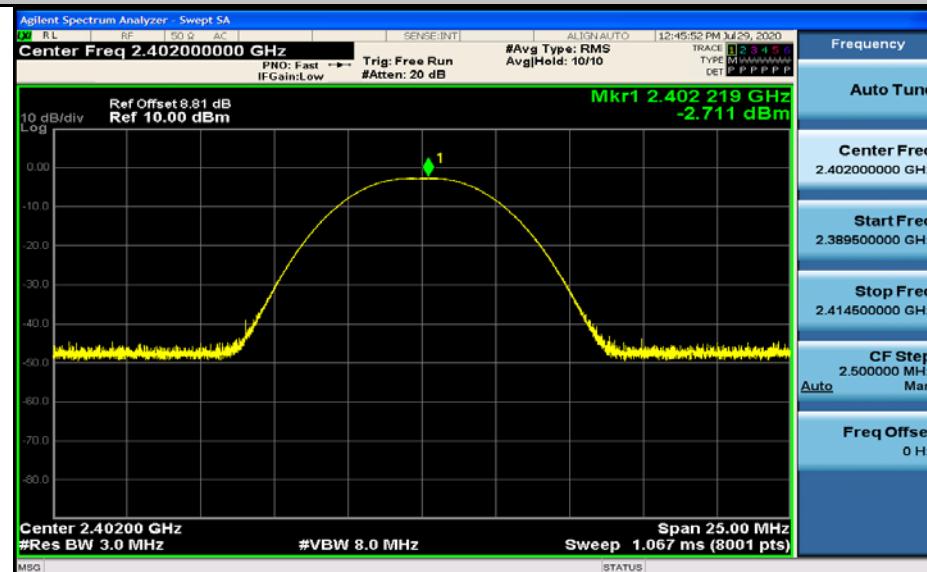
## Maximum peak conducted output power\_BLE\_2440\_1M



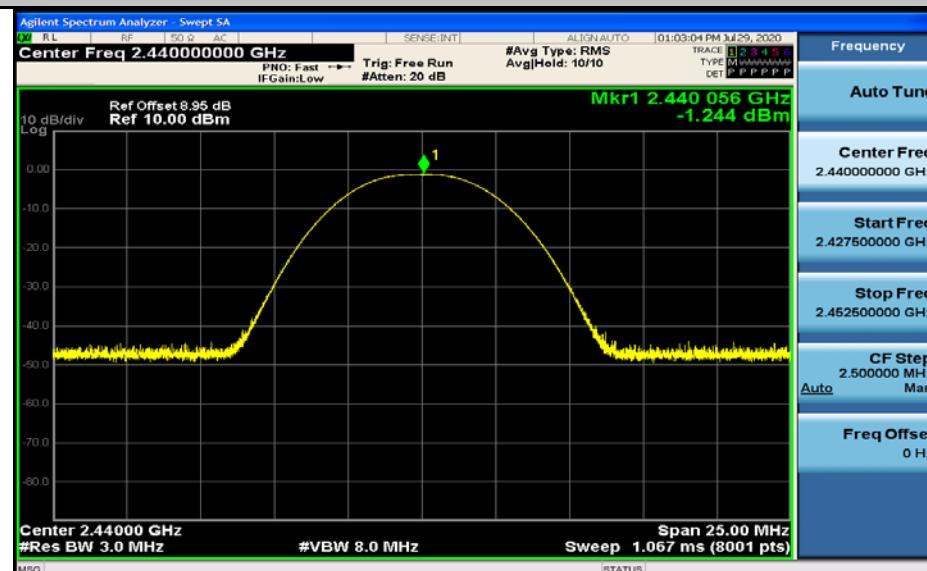
## Maximum peak conducted output power\_BLE\_2480\_1M



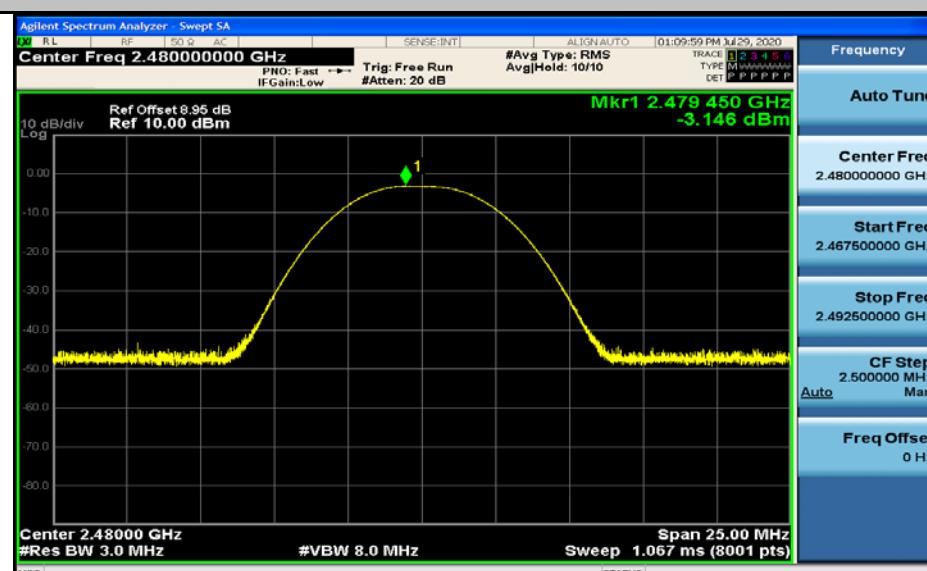
## Maximum peak conducted output power\_BLE\_2402\_2M



## Maximum peak conducted output power\_BLE\_2440\_2M



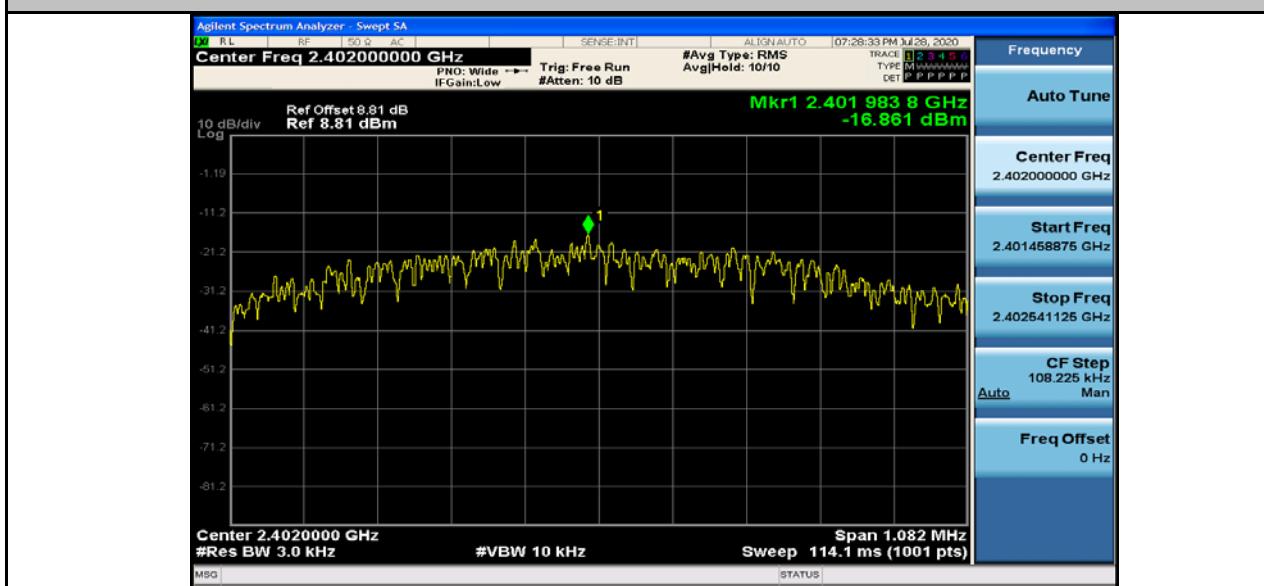
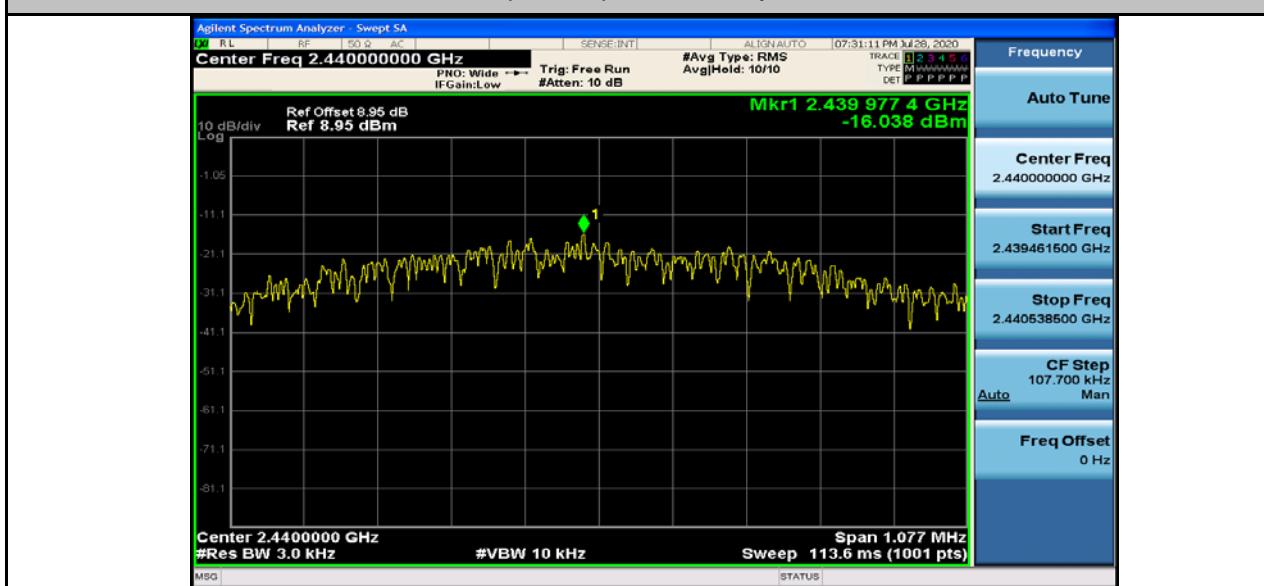
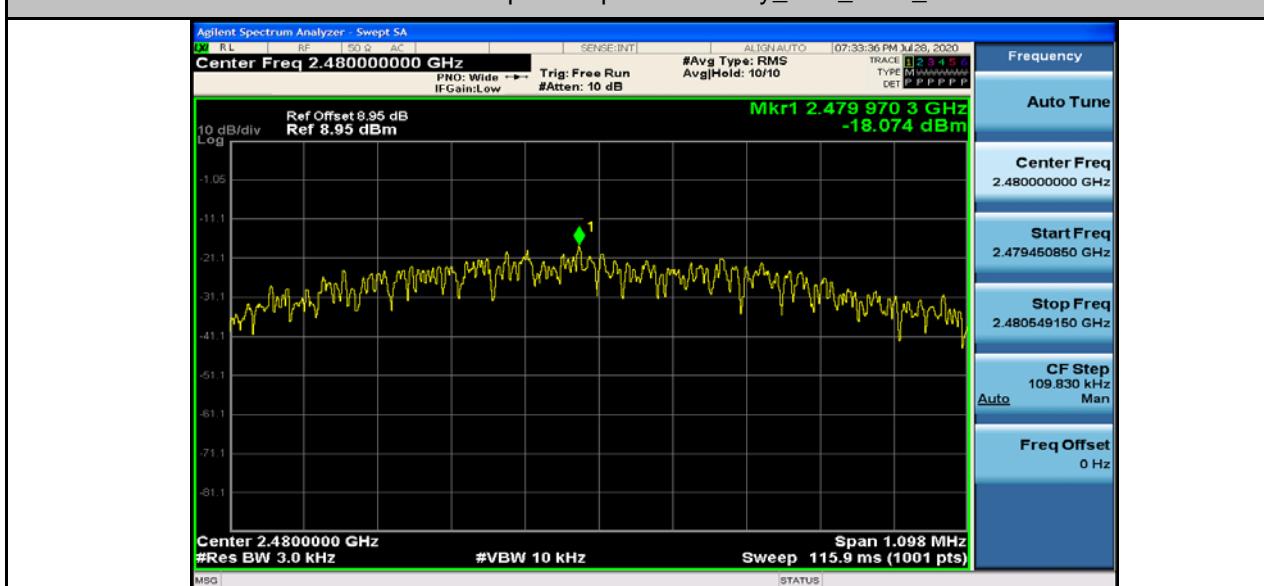
## Maximum peak conducted output power\_BLE\_2480\_2M



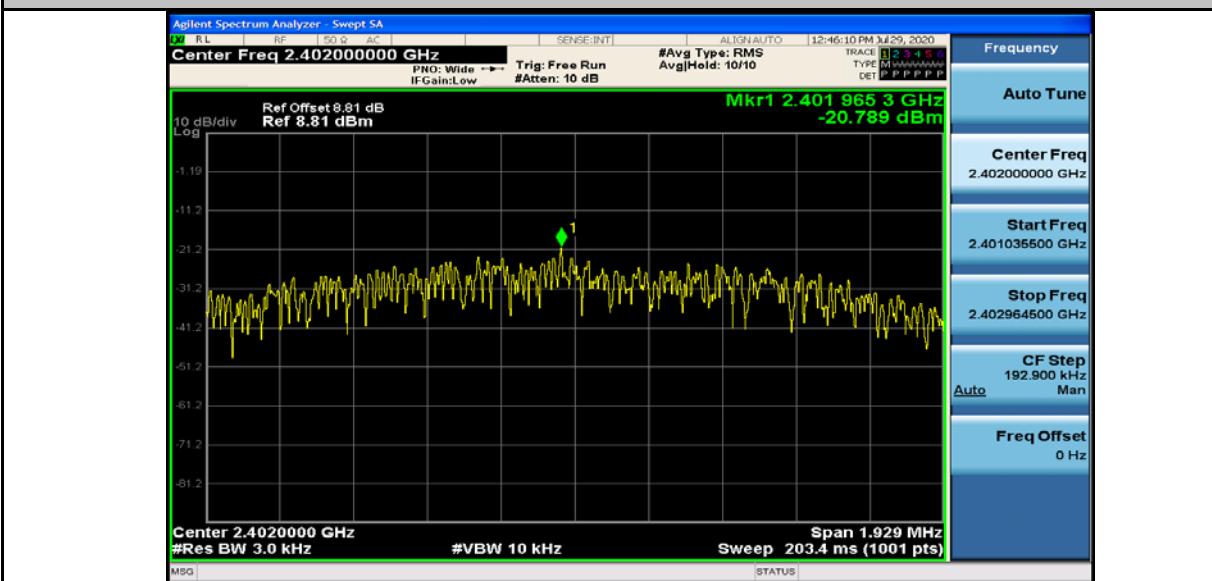


4. Maximum Peak power spectral density

Test Mode	Test Channel	PSD[dBm/3kHz]		Limit[dBm/3kHz]	Verdict
		1M	2M		
BLE	2402	-16.86	-20.79	8.00	PASS
BLE	2440	-16.04	-19.44	8.00	PASS
BLE	2480	-18.07	-21.56	8.00	PASS

**Maximum Peak power spectral density\_BLE\_2402\_1M****Maximum Peak power spectral density\_BLE\_2440\_1M****Maximum Peak power spectral density\_BLE\_2480\_1M**

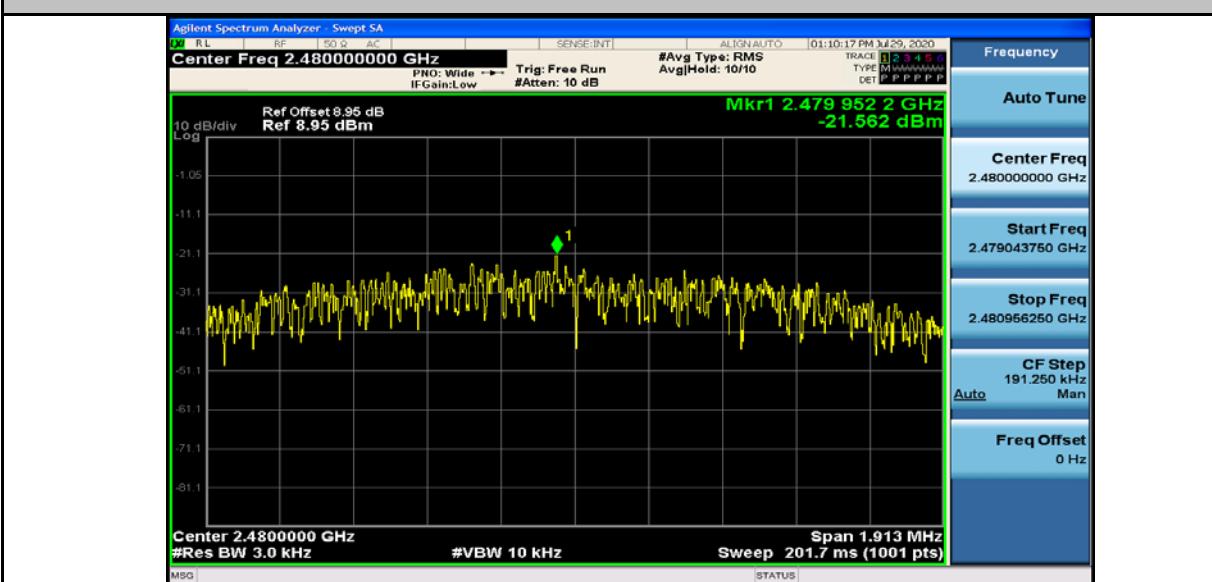
## Maximum Peak power spectral density\_BLE\_2402\_2M



## Maximum Peak power spectral density\_BLE\_2440\_2M



## Maximum Peak power spectral density\_BLE\_2480\_2M

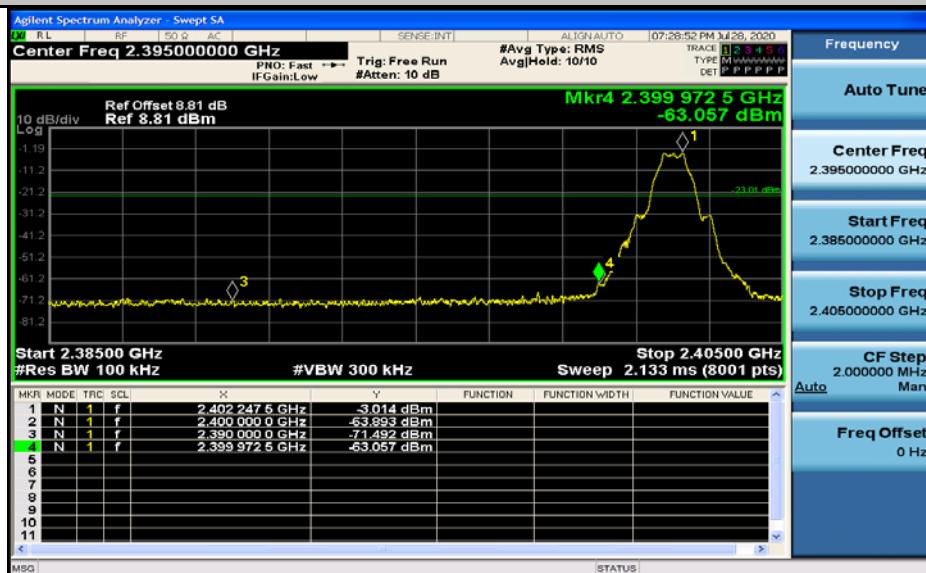




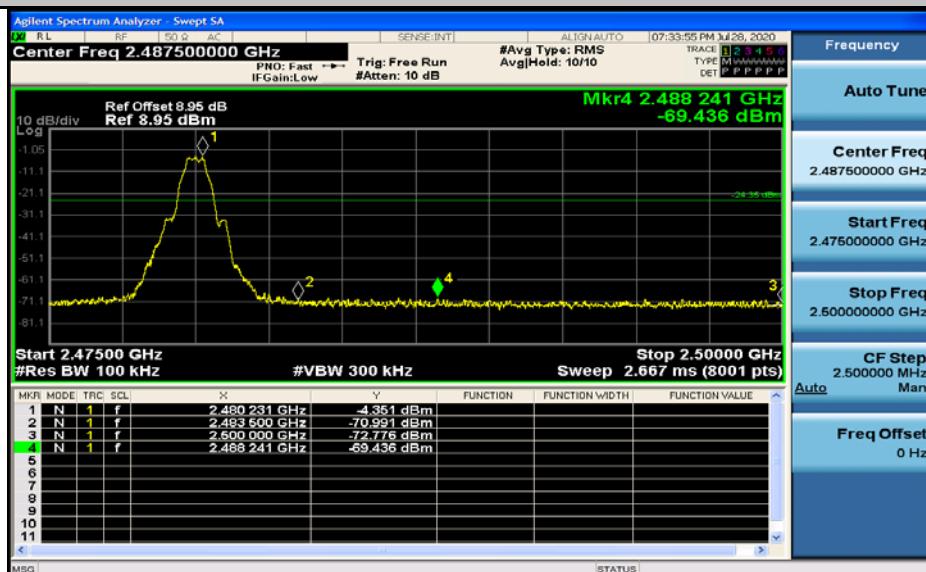
**5.Band-edge for RF Conducted Emissions**

Test Mode	Test Channel	Carrier Power[dBm]		Max. Spurious Level [dBm]		Limit [dBm]		Verdict
		1M	2M	1M	2M	1M	2M	
BLE	2402	-3.01	-4.69	-63.06	-36.59	-23.01	-24.69	PASS
BLE	2480	-4.35	-5.38	-69.44	-68.40	-24.35	-25.38	PASS

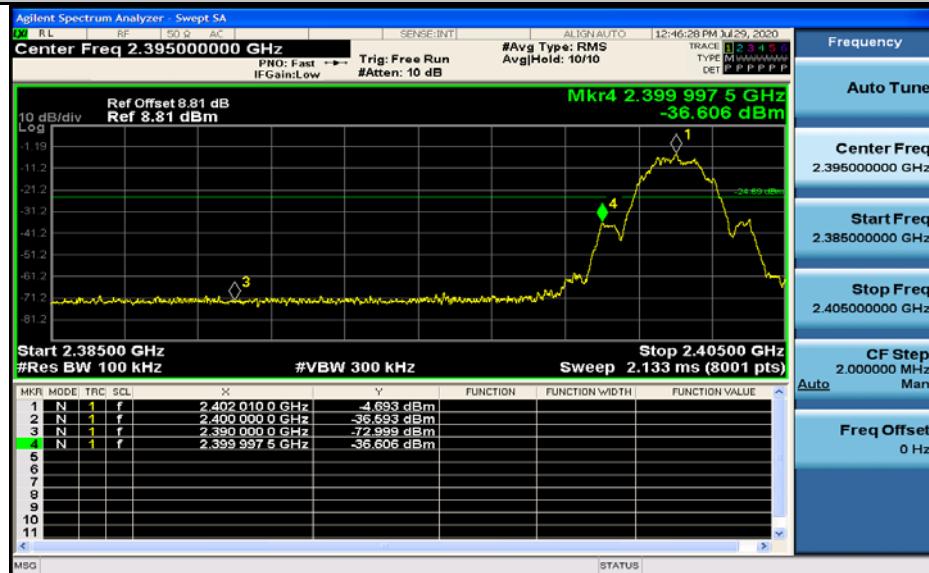
Band-edge for RF Conducted Emissions\_BLE\_2402\_Hopping Off\_1M



Band-edge for RF Conducted Emissions\_BLE\_2480\_Hopping Off\_1M



Band-edge for RF Conducted Emissions\_BLE\_2402\_Hopping Off\_2M



Band-edge for RF Conducted Emissions\_BLE\_2480\_Hopping Off\_2M





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
						1M	2M	1M	2M	1M	2M	
BLE	2402	30	10000	100	300	-3.17	-4.73	-54.33	-54.25	<- 23.17	<- 24.73	PASS
BLE	2402	10000	26000	100	300	-3.171	-4.725	-43.693	-44.452	<- 23.171	<- 24.725	PASS
BLE	2440	30	10000	100	300	-2.35	-3.45	-53.30	-53.81	<- 22.35	<- 23.45	PASS
BLE	2440	10000	26000	100	300	-2.349	-3.45	-44.333	-43.714	<- 22.349	<- 23.45	PASS
BLE	2480	30	10000	100	300	-4.34	-5.40	-54.09	-53.51	<- 24.34	<- 25.40	PASS
BLE	2480	10000	26000	100	300	-4.338	-5.395	-44.307	-43.812	<- 24.338	<- 25.395	PASS

