# Appendix A

# RF Test Data for BT V4.0 (BDR/EDR) (Conducted Measurement)

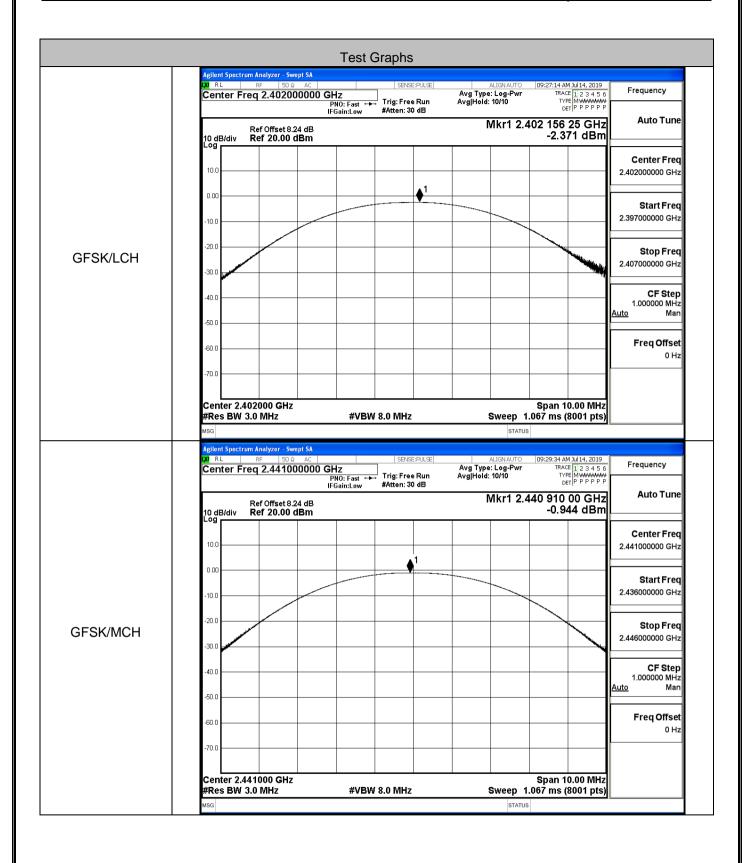
Product Name: Tablet PC
Trade Mark: T60
Test Model: FUSION5

### **Environmental Conditions**

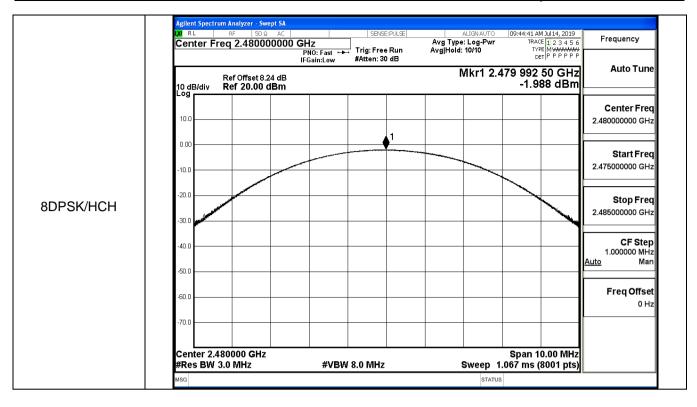
Temperature:	24.1 ° C
Relative Humidity:	53.2%
ATM Pressure:	100.0 kPa
Test Engineer:	David Luo
Supervised by:	Wang.Chuang

## A.1 Maxmum Conducted Peak Output Power

Mode	Channel.	Maximum Peak Output Power [dBm]	Limit [dBm]	Verdict
	LCH	-2.371	30	PASS
GFSK	MCH	-0.944	30	PASS
	НСН	-1.663	30	PASS
	LCH	-3.022	21	PASS
π/4DQPSK	MCH	-1.662	21	PASS
	НСН	-2.430	21	PASS
	LCH	-2.930	21	PASS
8DPSK	BDPSK MCH -1.6		21	PASS
	HCH	-1.988	21	PASS

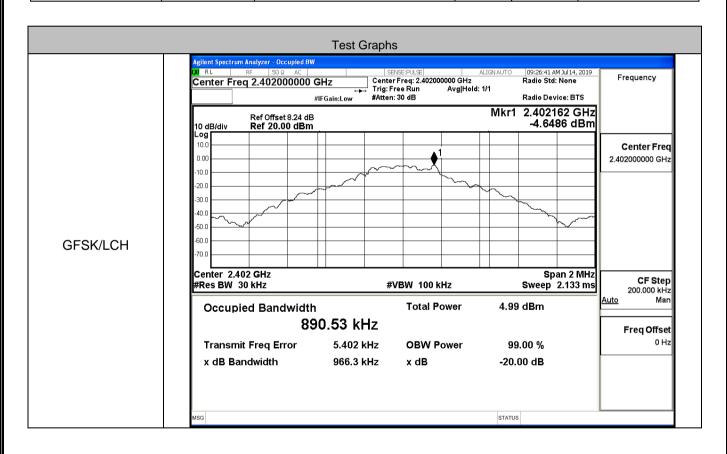


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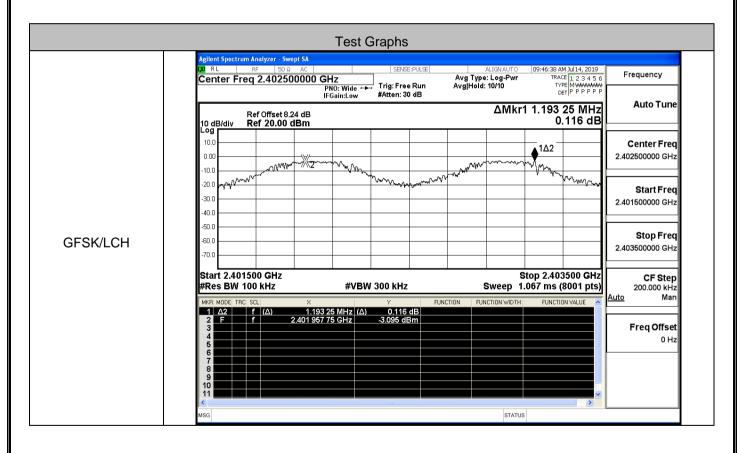
### A.2 20dB Bandwidth

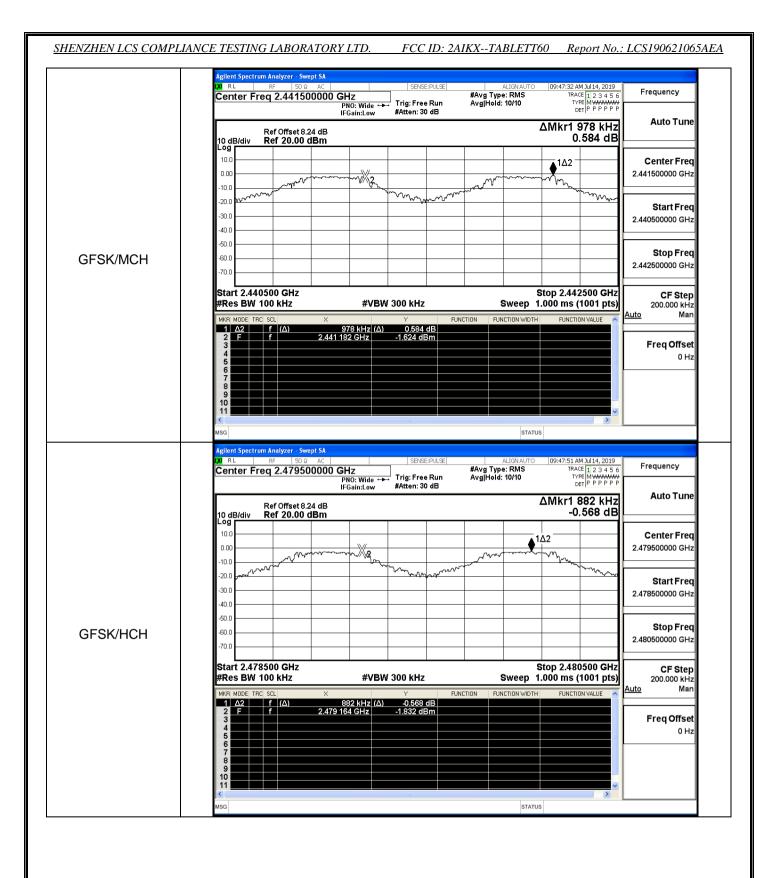
Mode	Channel.	20dB Bandwidth [MHz]	Limit [MHz]	Verdict
	LCH	0.9663	Not Specified	PASS
GFSK	MCH	1.027	Not Specified	PASS
	НСН	0.9702	Not Specified	PASS
	LCH	1.291	Not Specified	PASS
π/4DQPSK	MCH	1.306	Not Specified	PASS
	НСН	1.308	Not Specified	PASS
	LCH	1.295	Not Specified	PASS
8DPSK	MCH	1.301	Not Specified	PASS
	НСН	1.295	Not Specified	PASS

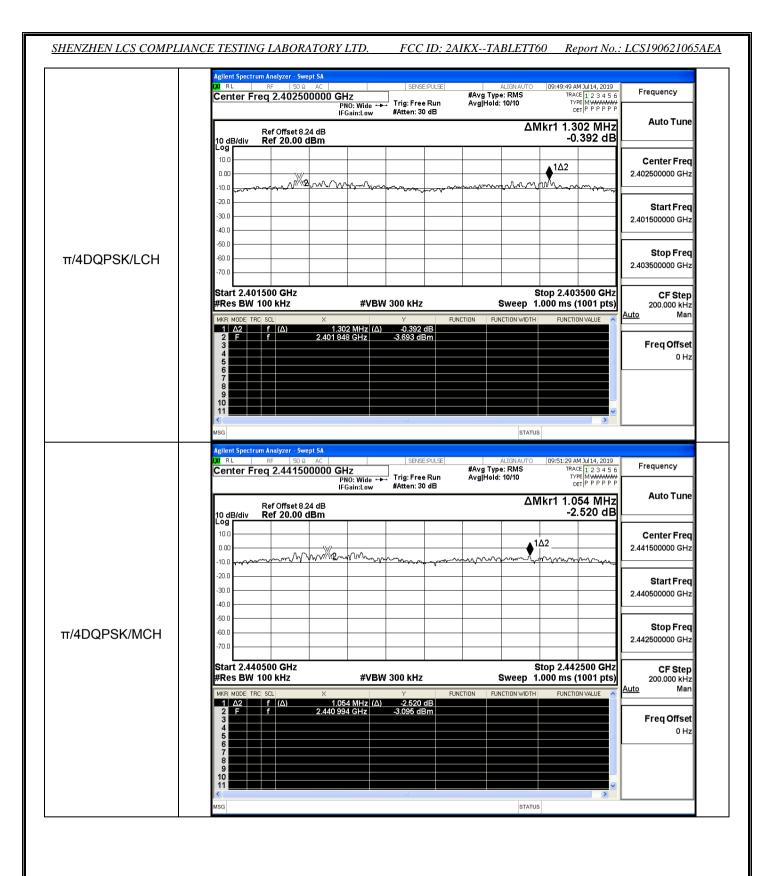


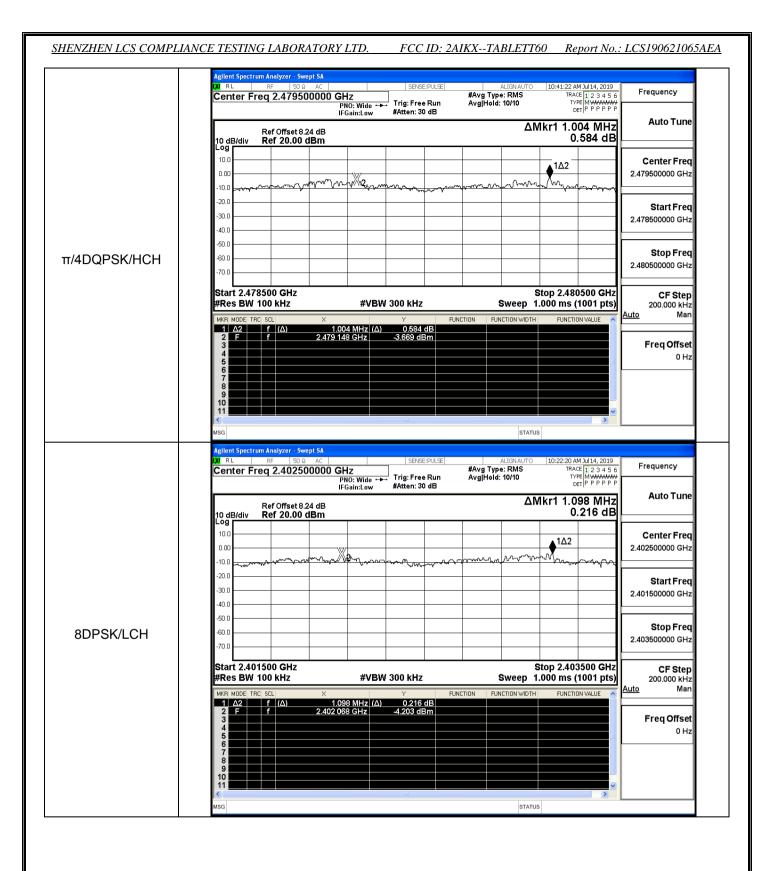
## **A.3 Carrier Frequency Separation**

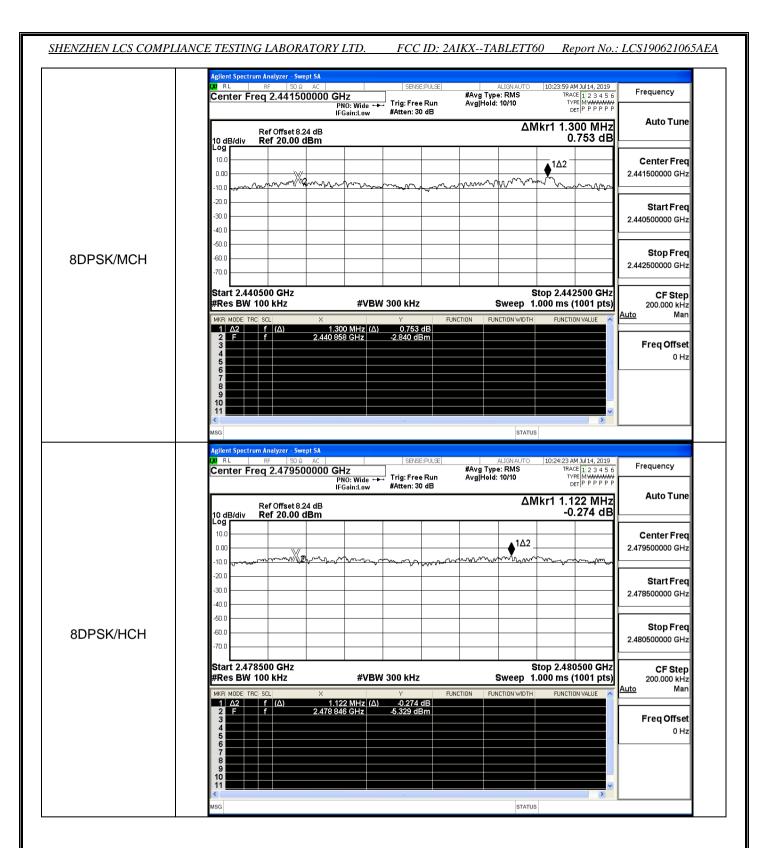
Mode	Channel.	Carrier Frequency Separation [MHz]	Limit [MHz]	Verdict
	LCH	1.193	0.685	PASS
GFSK	MCH	0.978	0.685	PASS
	HCH	0.882	0.685	PASS
	LCH	1.302	0.872	PASS
π/4DQPSK	MCH	1.054	0.872	PASS
	НСН	1.004	0.872	PASS
	LCH	1.098	0.867	PASS
8DPSK	MCH	1.300	0.867	PASS
	HCH	1.122	0.867	PASS





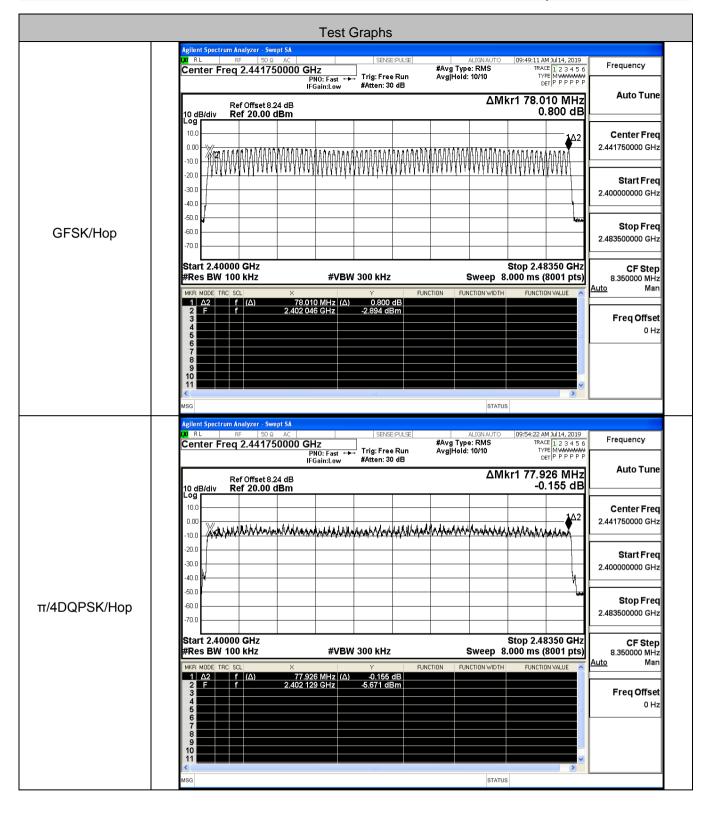






### A.4 Hopping Channel Number

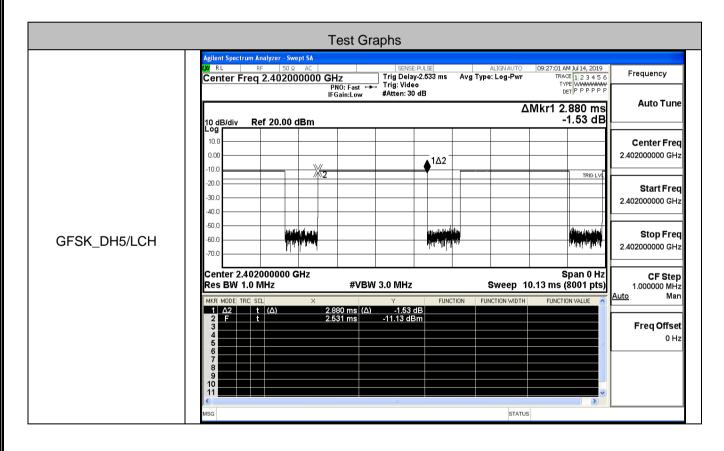
Mode	Channel.	Number of Hopping Channel [N]	Limit [N]	Verdict
GFSK	Нор	79	>=15	PASS
π/4DQPSK	Нор	79	>=15	PASS
8DPSK	Нор	79	>=15	PASS



#### SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2AIKX--TABLETT60 Report No.: LCS190621065AEA Agilent Spectrum Analyzer - Swept SA RL RF 50 Ω AC | Center Freq 2.441750000 GHz PN0: Fast IFGain:Low 10:26:53 AM Jul 14, 2019 TRACE 1 2 3 4 5 6 TYPE M WWWWWWW DET P P P P P P #Avg Type: RMS Avg|Hold: 10/10 Frequency Trig: Free Run #Atten: 30 dB Auto Tune ΔMkr1 77.937 MHz -1.522 dB Ref Offset 8.24 dB Ref 20.00 dBm 10 dB/div Log 10.0 Center Freq 2.441750000 GHz 0.00 -10.0 -20.0 Start Freq -30.0 2.400000000 GHz 40.0 -50.0 Stop Freq 8DPSK/Hop -60.0 2.483500000 GHz 70.0 Stop 2.48350 GHz Start 2.40000 GHz CF Step 8.350000 MHz Man Sweep 8.000 ms (8001 pts) #Res BW 100 kHz **#VBW** 300 kHz <u>Auto</u> FUNCTION 77.937 MHz (Δ) -1.522 dB 2.402 171 GHz -3.847 dBm Freq Offset 0 Hz STATUS

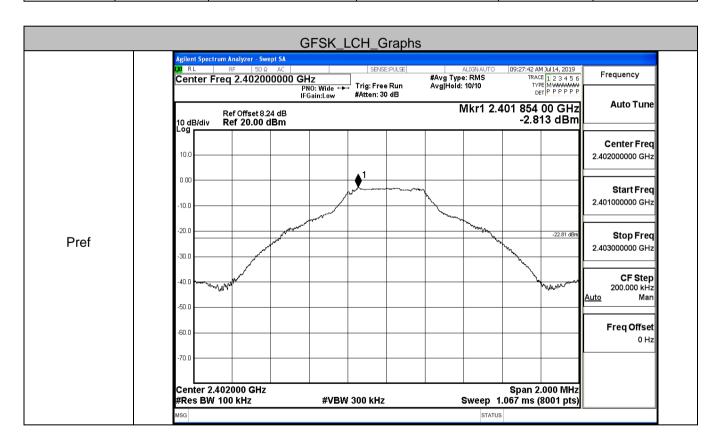
### A.5 Dwell Time

Mode	Packet	Channel	Burst Width [ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[s]	Limit [s]	Verdict
	DH5	LCH	2.88	106.7	0.307	0.4	PASS
GFSK	DH5	MCH	2.88	106.7	0.307	0.4	PASS
	DH5	HCH	2.88	106.7	0.307	0.4	PASS
	2DH5	LCH	2.88	106.7	0.307	0.4	PASS
π/4DQPSK	2DH5	MCH	2.88	106.7	0.307	0.4	PASS
	2DH5	HCH	2.88	106.7	0.307	0.4	PASS
8DPSK	3DH5	LCH	2.88	106.7	0.308	0.4	PASS
	3DH5	MCH	2.88	106.7	0.308	0.4	PASS
	3DH5	HCH	2.88	106.7	0.308	0.4	PASS

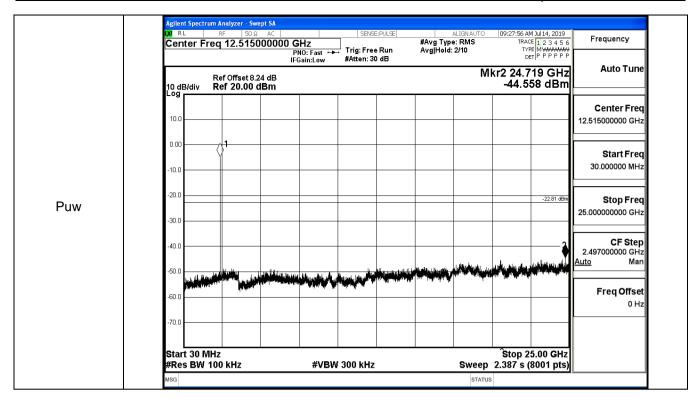


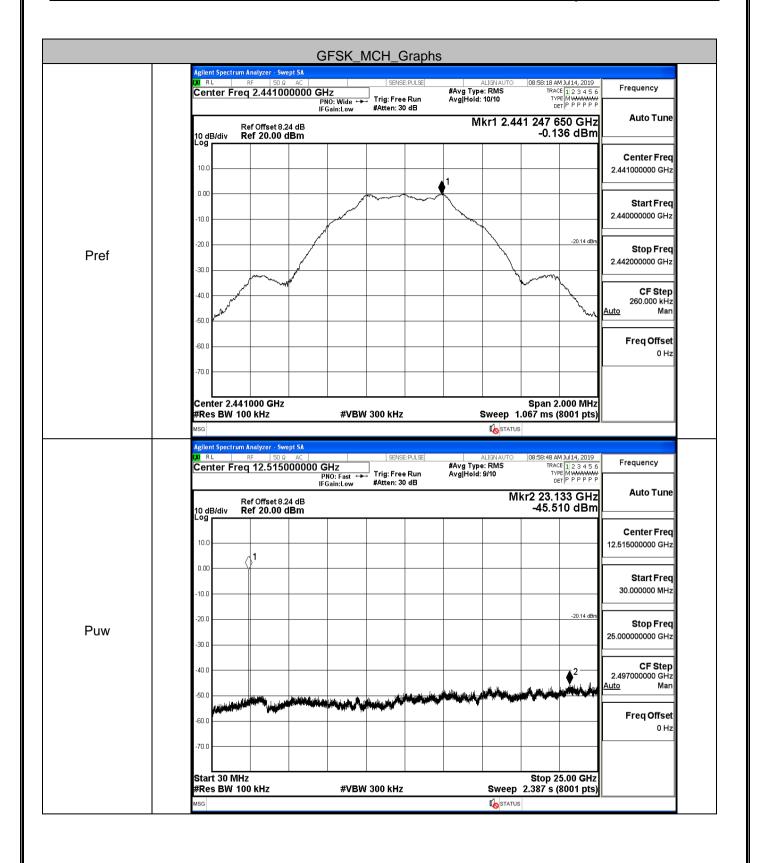
### A.6 RF Conducted Spurious Emissions

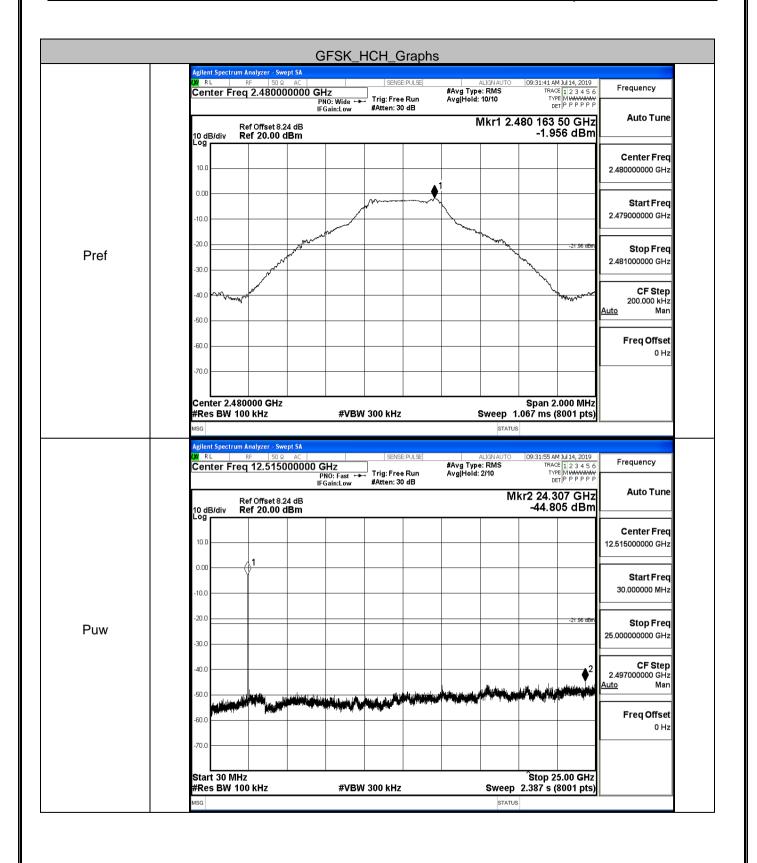
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
	LCH	-2.813	-44.558	-22.813	PASS
GFSK	MCH	-0.136	-45.510	-20.136	PASS
	HCH	-1.956	-44.805	-21.956	PASS
	LCH	-4.396	-45.397	-24.396	PASS
π/4DQPSK	MCH	-2.503	-45.406	-22.503	PASS
	HCH	-3.293	-45.013	-23.293	PASS
	LCH	-3.803	-44.326	-23.803	PASS
8DPSK	MCH	-9.9	-44.463	-29.900	PASS
	НСН	-3.445	-44.234	-23.445	PASS

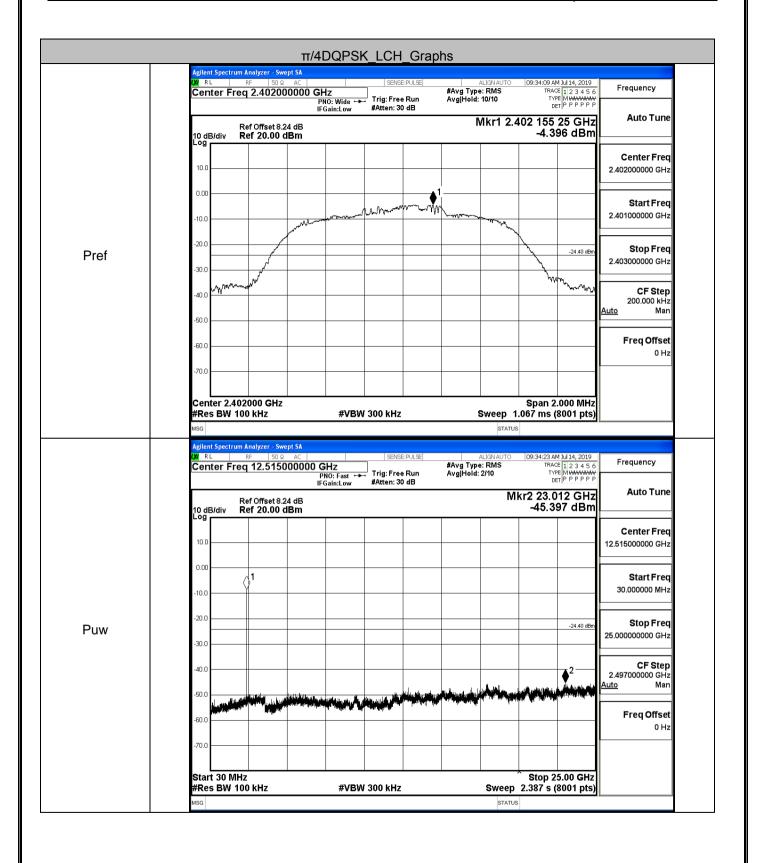


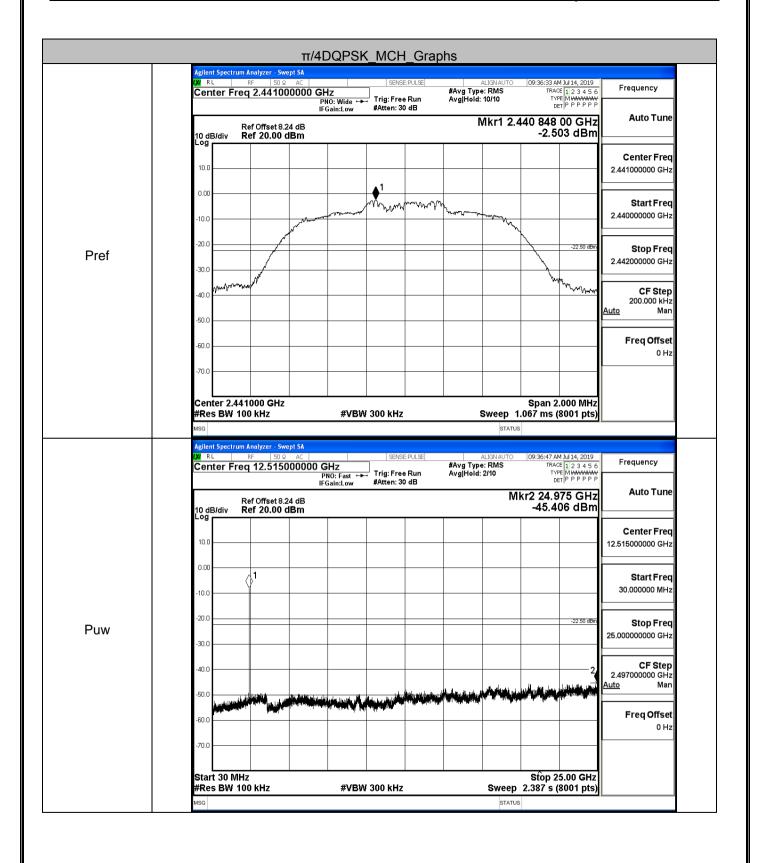
#### SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2AIKX--TABLETT60 Report No.: LCS190621065AEA

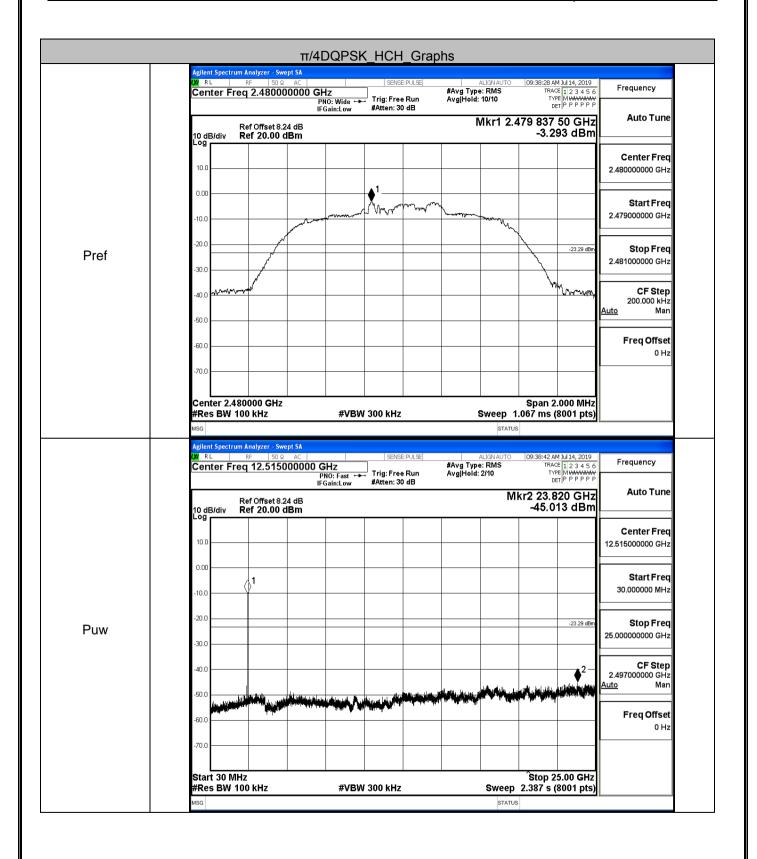


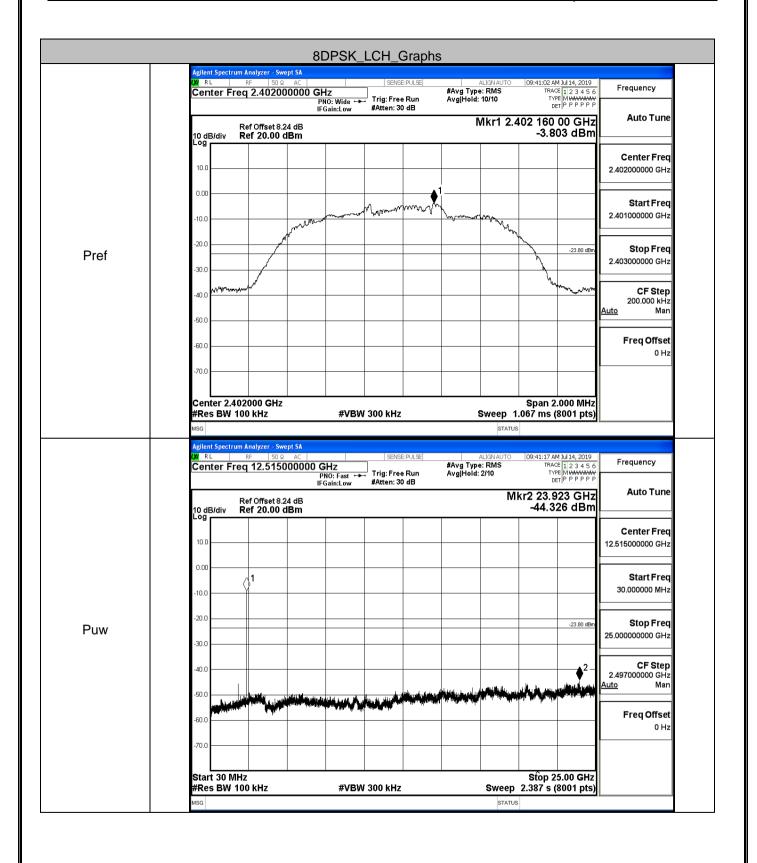


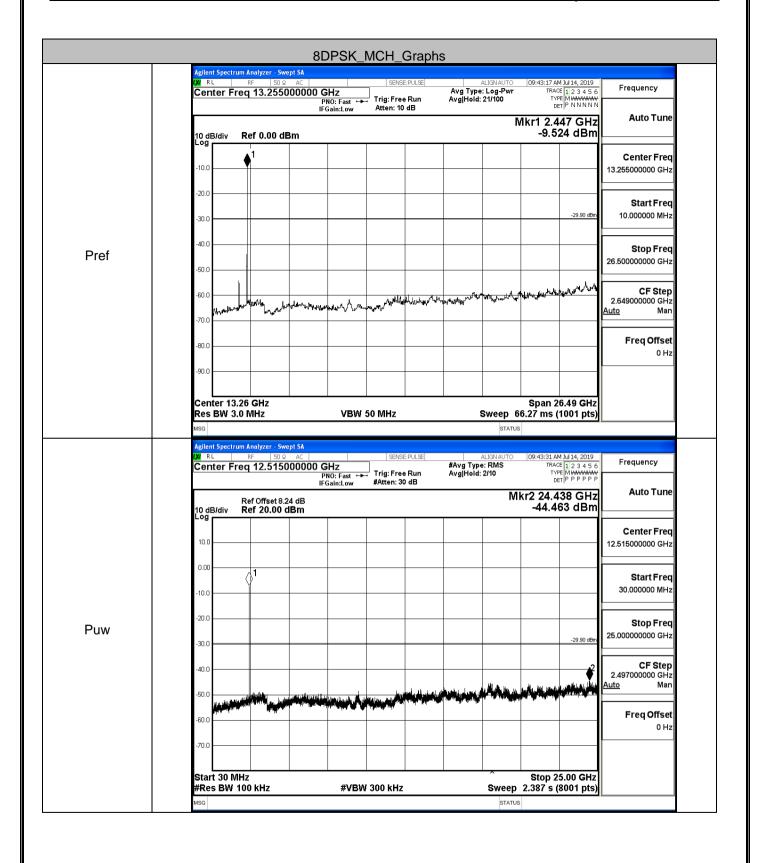


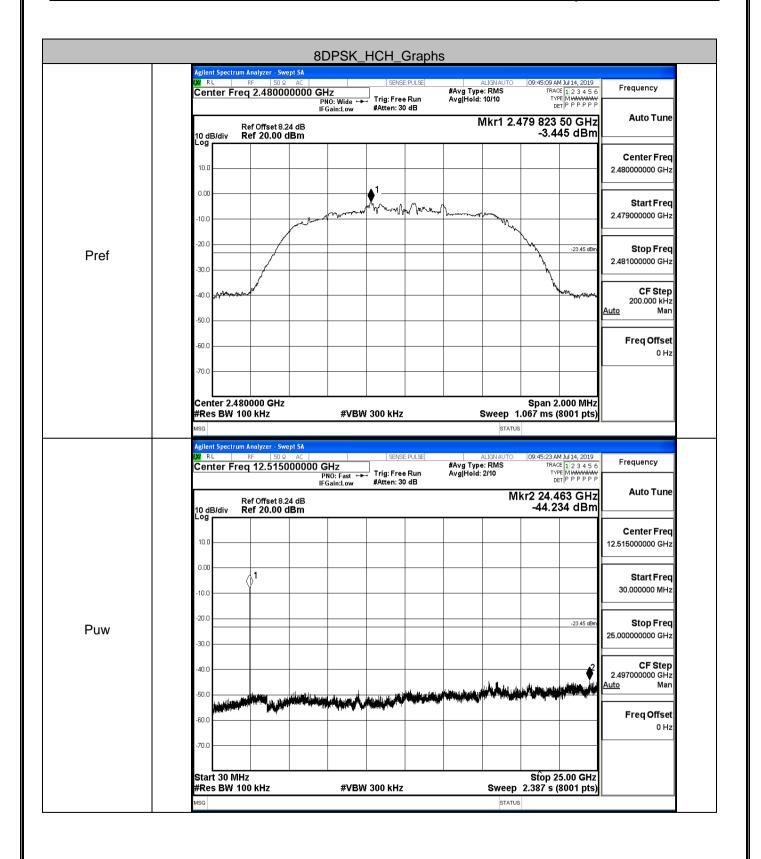






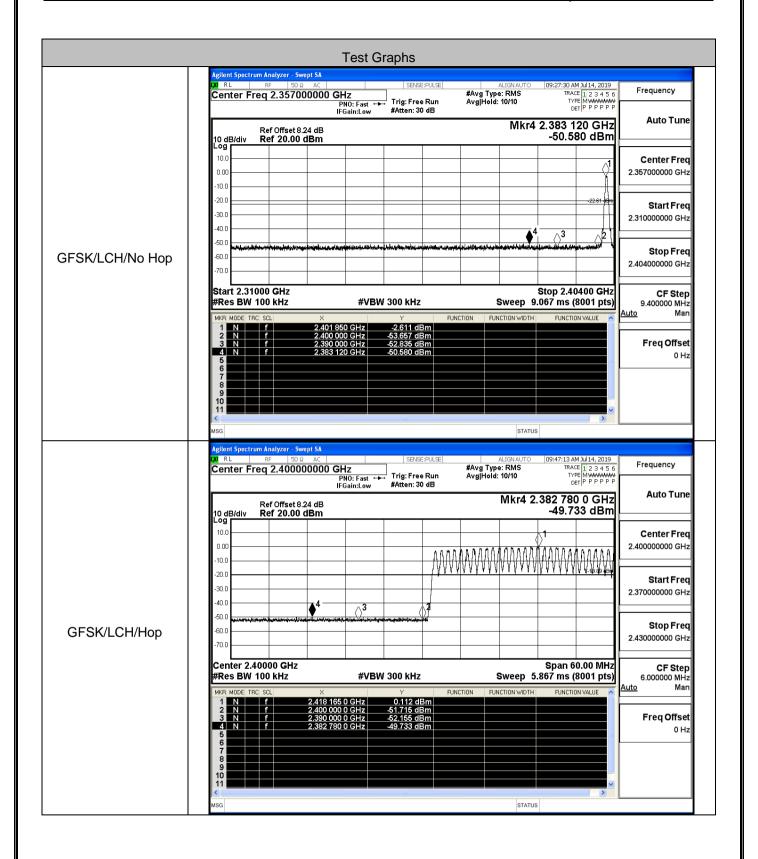






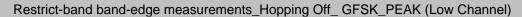
# A.7 Band-edge for RF Conducted Emissions

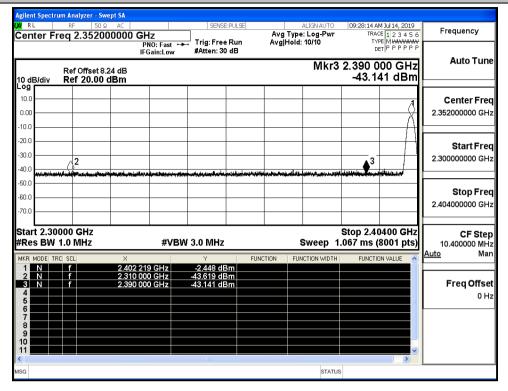
Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict	
		0.400	-2.611	Off	-50.580	-22.61	PASS	
0501	LCH	2402	0.112	On	-49.733	-19.89	PASS	
GFSK	НСН	2480	-1.965	Off	-50.173	-21.97	PASS	
			0.157	On	-48.807	-19.84	PASS	
	LCH			-5.050	Off	-50.107	-25.05	PASS
		2402	-1.344	On	-48.462	-21.34	PASS	
π/4DQPSK	нсн	2480	-3.260	Off	-50.216	-23.26	PASS	
			-1.446	On	-48.552	-21.45	PASS	
			-3.710	Off	-49.855	-23.71	PASS	
	LCH	2402	-1.503	On	-49.444	-21.5	PASS	
8DPSK			-2.909	Off	-49.907	-22.91	PASS	
	HCH	2480	-1.104	On	-49.481	-21.1	PASS	



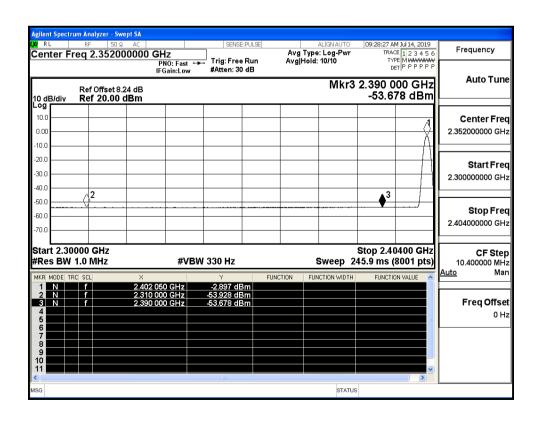
## A.8 Restrict-band band-edge measurements

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
	Off	2310.0	-43.62	2.5	0	54.14	PEAK	74	PASS
	Off	2310.0	-53.93	2.5	0	43.83	AV	54	PASS
	Off	2390.0	-43.14	2.5	0	54.62	PEAK	74	PASS
	Off	2390.0	-53.68	2.5	0	44.08	AV	54	PASS
GFSK	Off	2483.5	-43.07	2.5	0	54.69	PEAK	74	PASS
	Off	2483.5	-53.40	2.5	0	44.36	AV	54	PASS
	Off	2500.0	-43.04	2.5	0	54.72	PEAK	74	PASS
	Off	2500.0	-53.19	2.5	0	44.57	AV	54	PASS
	Off	2310.0	-43.26	2.5	0	54.5	PEAK	74	PASS
	Off	2310.0	-53.91	2.5	0	43.85	AV	54	PASS
	Off	2390.0	-42.84	2.5	0	54.92	PEAK	74	PASS
	Off	2390.0	-53.49	2.5	0	44.27	AV	54	PASS
π/4DQPSK	Off	2483.5	-43.03	2.5	0	54.73	PEAK	74	PASS
	Off	2483.5	-53.24	2.5	0	44.52	AV	54	PASS
	Off	2500.0	-43.30	2.5	0	54.46	PEAK	74	PASS
	Off	2500.0	-53.21	2.5	0	44.55	AV	54	PASS
	Off	2310.0	-43.77	2.5	0	53.99	PEAK	74	PASS
	Off	2310.0	-53.71	2.5	0	44.05	AV	54	PASS
	Off	2390.0	-42.66	2.5	0	55.1	PEAK	74	PASS
	Off	2390.0	-53.47	2.5	0	44.29	AV	54	PASS
8DPSK	Off	2483.5	-42.70	2.5	0	55.06	PEAK	74	PASS
	Off	2483.5	-53.03	2.5	0	44.73	AV	54	PASS
	Off	2500.0	-43.52	2.5	0	54.24	PEAK	74	PASS
	Off	2500.0	-52.80	2.5	0	44.96	AV	54	PASS

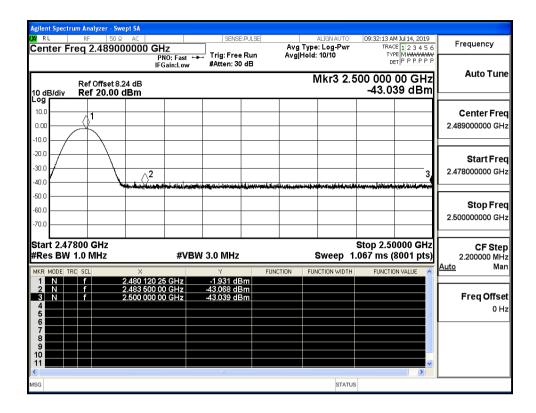




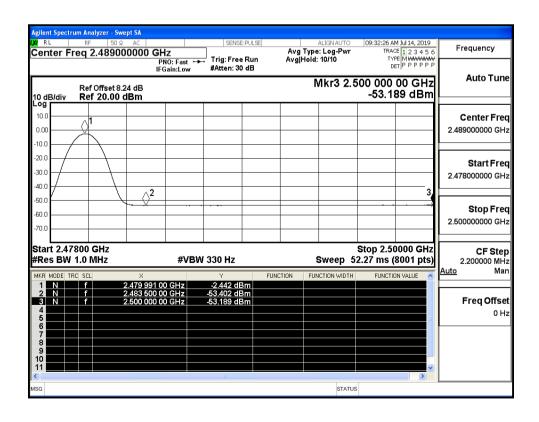
### Restrict-band band-edge measurements\_Hopping Off\_ GFSK\_Average (Low Channel)



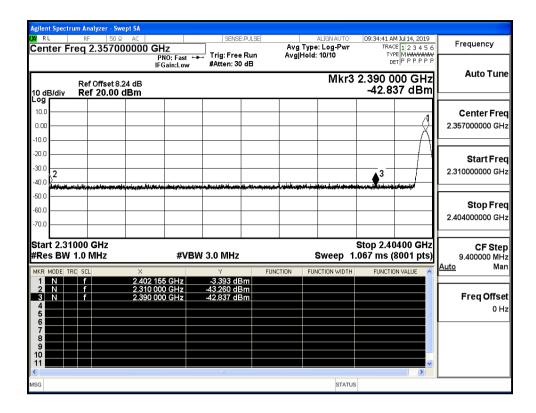
### Restrict-band band-edge measurements\_Hopping Off\_ GFSK\_PEAK (High Channel)



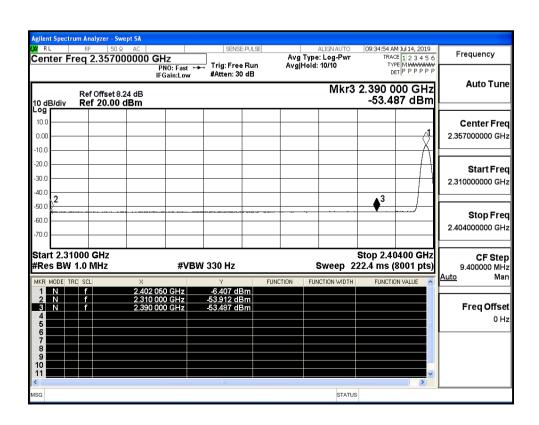
### Restrict-band band-edge measurements\_Hopping Off\_ GFSK\_Average (High Channel)



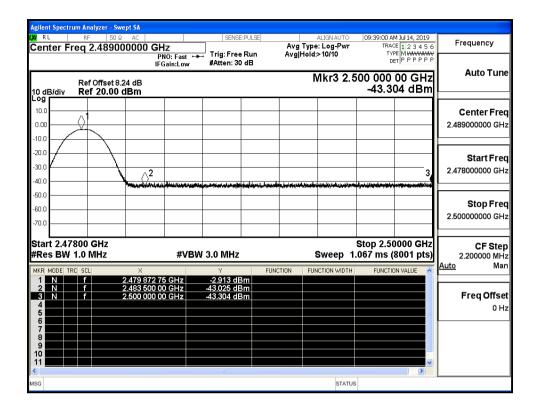
### Restrict-band band-edge measurements\_Hopping Off\_π/4-DQPSK\_PEAK (Low Channel)



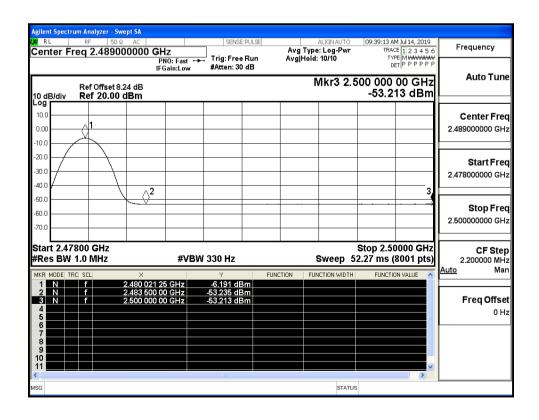
### Restrict-band band-edge measurements\_Hopping Off\_π/4-DQPSK\_Average (Low Channel)



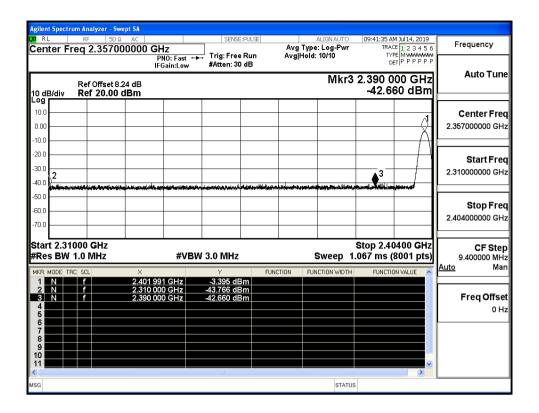
### Restrict-band band-edge measurements\_Hopping Off\_π/4-DQPSK\_PEAK (High Channel)



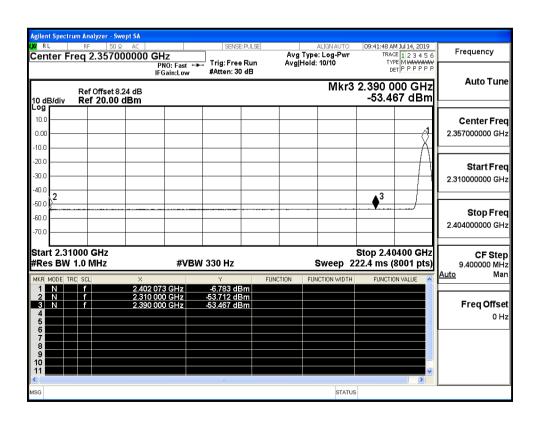
### Restrict-band band-edge measurements\_Hopping Off\_π/4-DQPSK\_Average (High Channel)



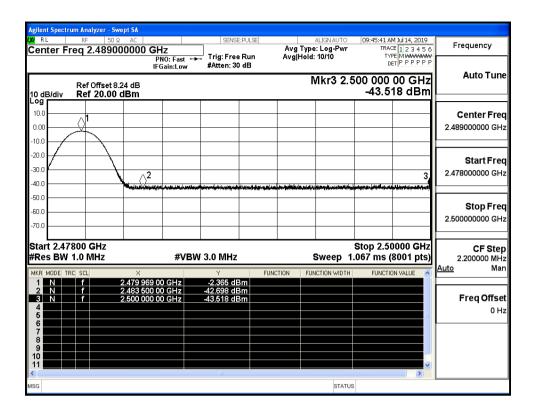
### Restrict-band band-edge measurements\_Hopping Off\_8DPSK\_PEAK (Low Channel)



### Restrict-band band-edge measurements\_Hopping Off\_8DPSK\_Average (Low Channel)



### Restrict-band band-edge measurements\_Hopping Off\_8DPSK\_PEAK (High Channel)



### Restrict-band band-edge measurements\_Hopping Off\_8DPSK\_Average (High Channel)

