

Environmental Conditions

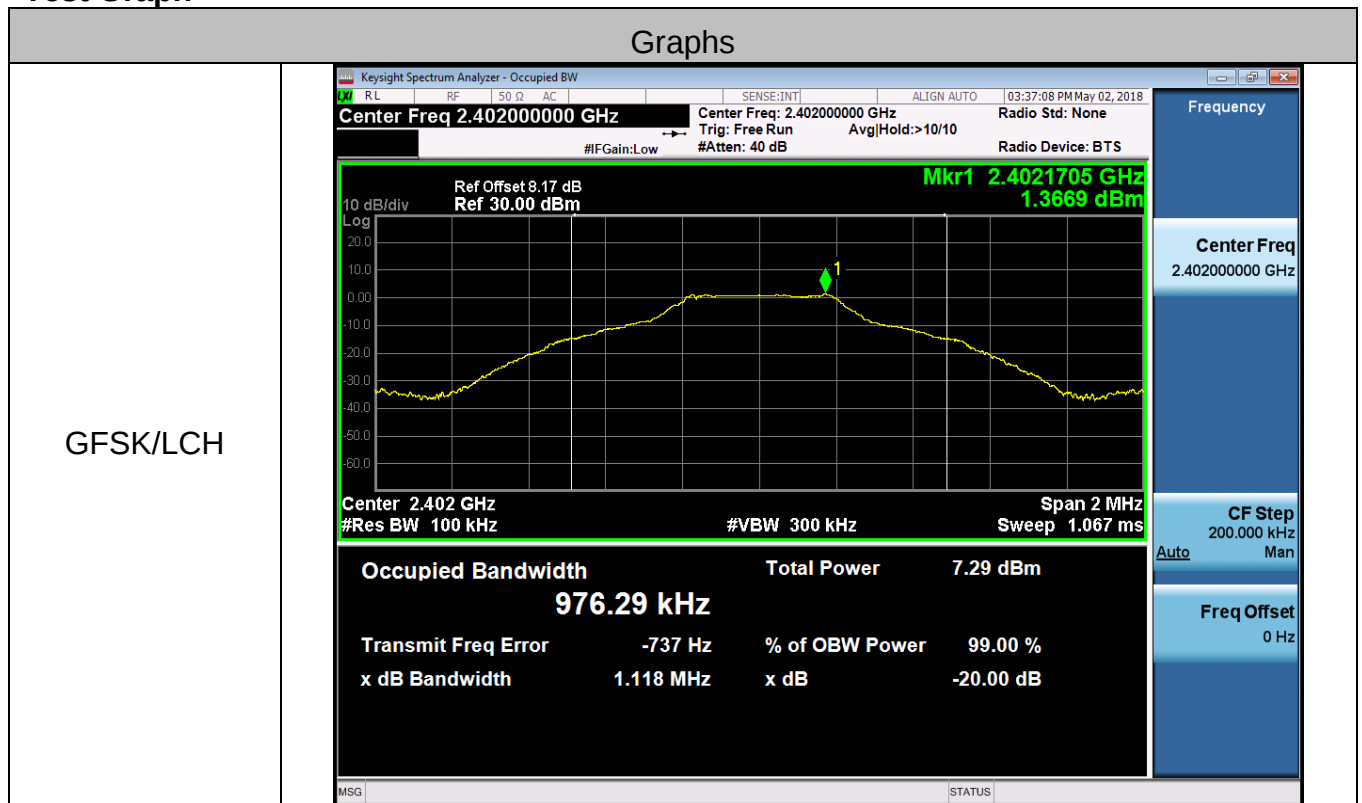
Temperature:	22.9 ° C
Relative Humidity:	52.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Mina.xu
Supervised by:	Tom.Liu

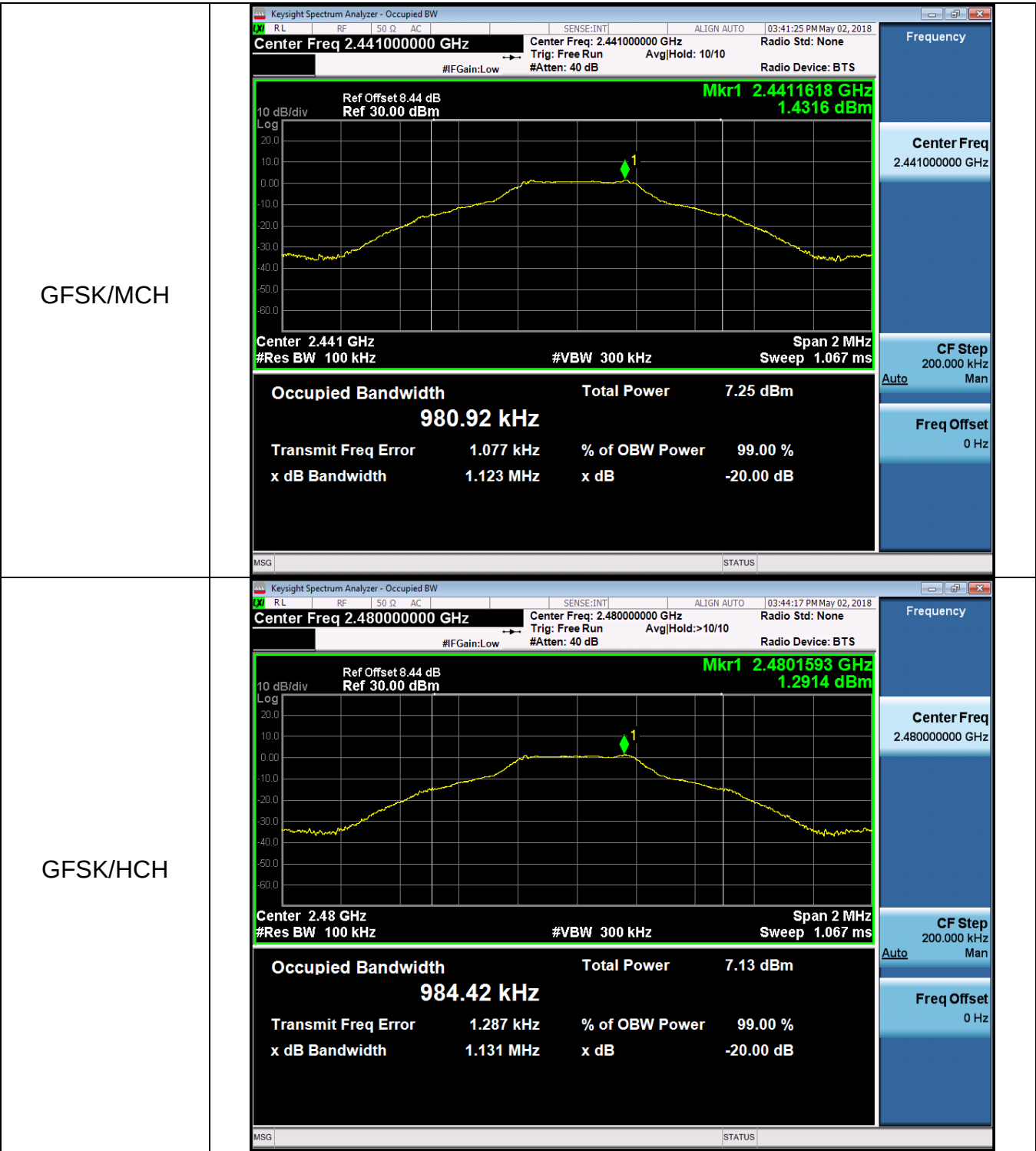
Appendix A): 20dB Bandwidth

Test Result

Mode	Channel.	20dB Bandwidth [MHz]	Limit [MHz]	Verdict
GFSK	LCH	1.118	Not Specified	PASS
	MCH	1.123	Not Specified	PASS
	HCH	1.131	Not Specified	PASS

Test Graph



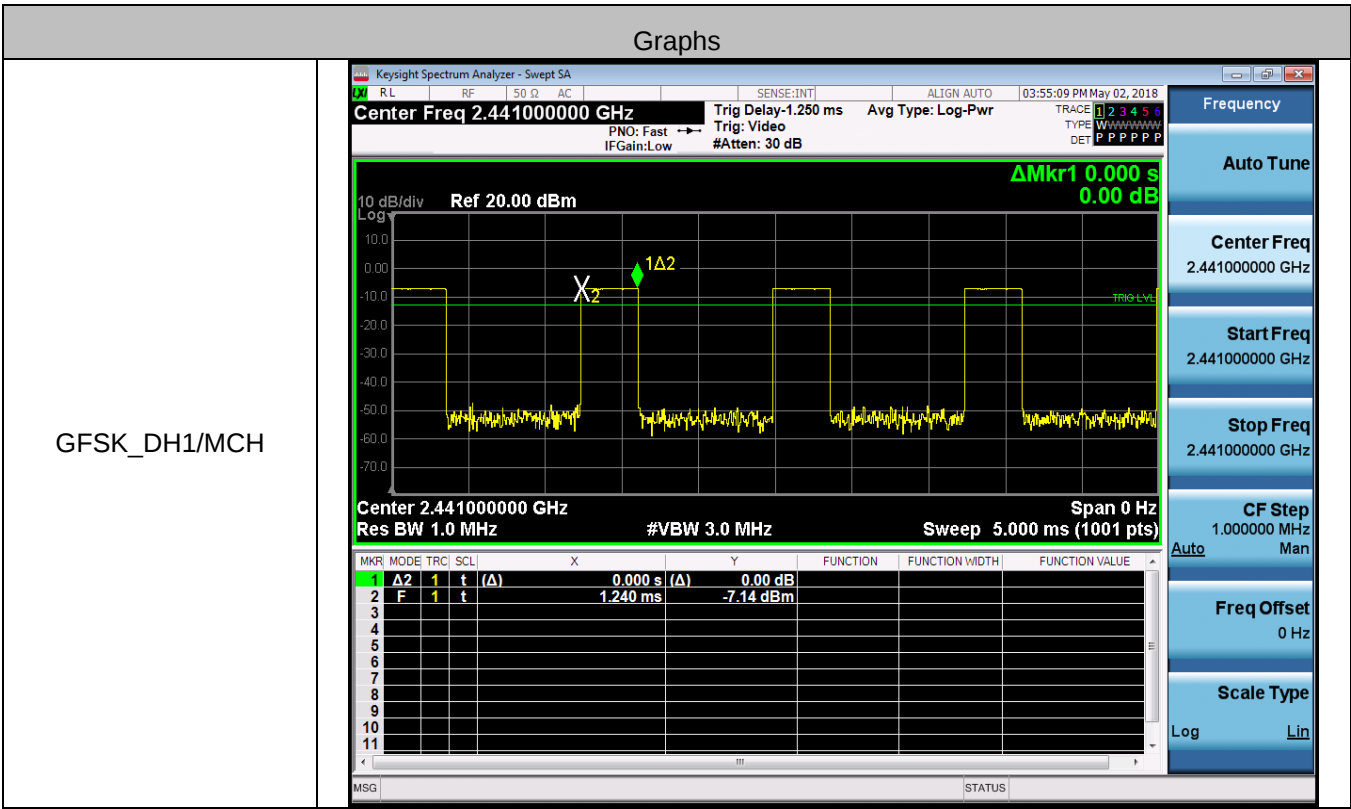


Appendix B): Dwell Time

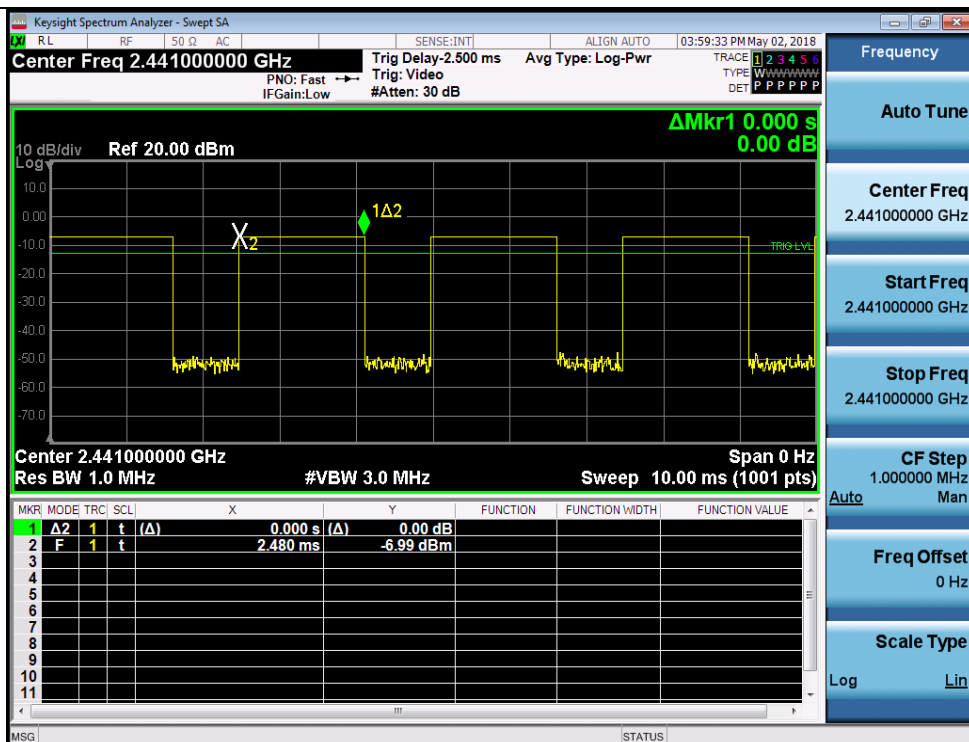
Result Table

Mode	Packet	Chann el	Burst Width [ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[s]	Limit [s]	Verdic t
GFSK	DH1	MCH	0.36	320	0.115	0.4	PASS
GFSK	DH3	MCH	1.61	160	0.258	0.4	PASS
GFSK	DH5	MCH	2.85	106.7	0.304	0.4	PASS

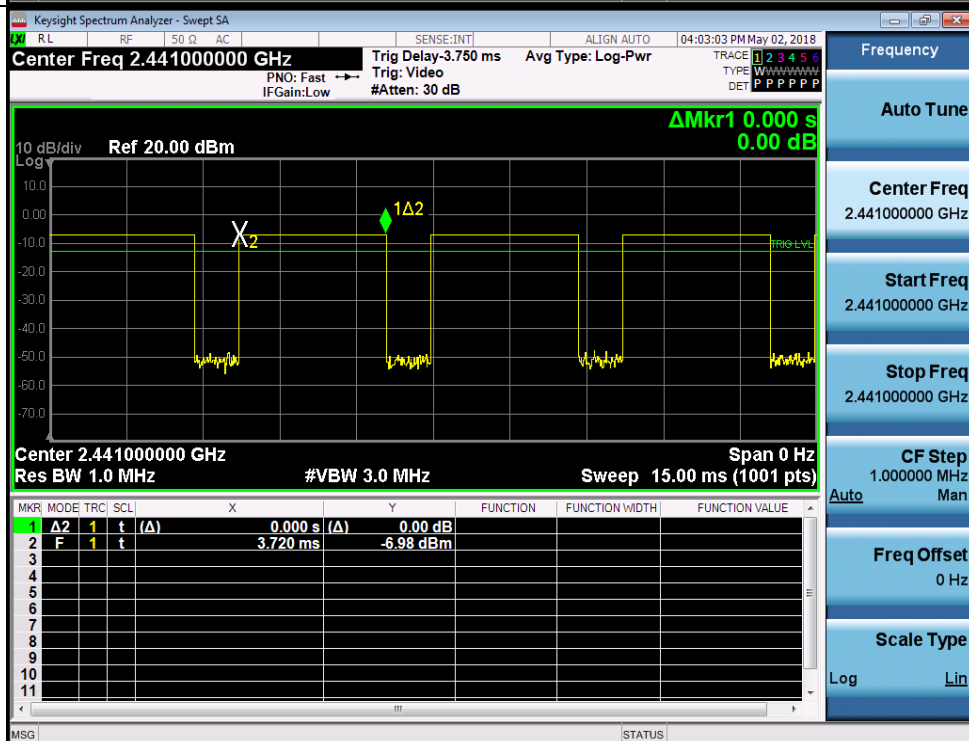
Test Graph



GFSK_DH3/MCH



GFSK_DH5/MCH

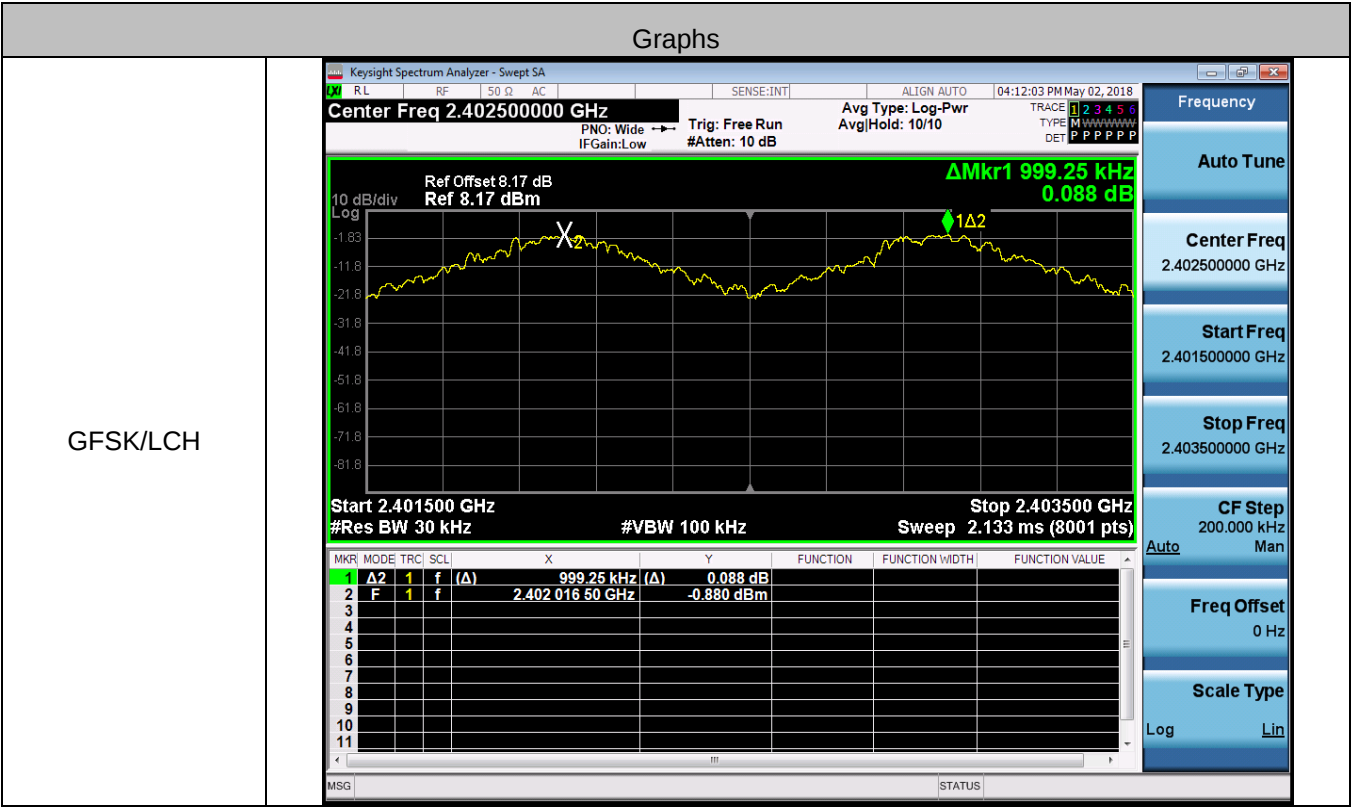


Appendix C): Carrier Frequency Separation

Result Table

Mode	Channel.	Carrier Frequency Separation [MHz]	Limit [MHz] 2/3*20dB Bandwidth	Verdict
GFSK	LCH	0.999	0.648	PASS
	MCH	1.064	0.678	PASS
	HCH	1.021	0.687	PASS

Test Graph



GFSK/MCH



GFSK/HCH

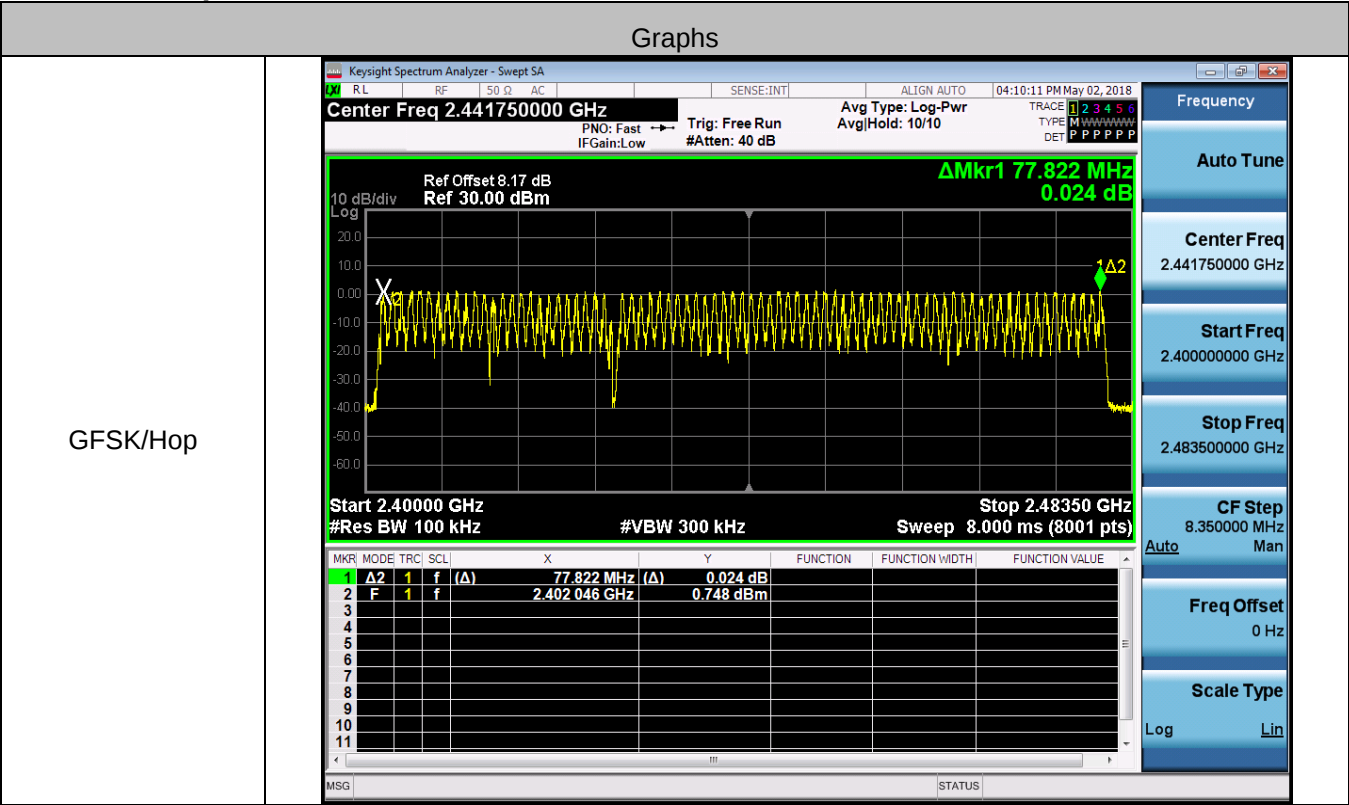


Appendix D): Hopping Channel Number

Result Table

Mode	Channel.	Number of Hopping Channel	Verdict
GFSK	Hop	79	PASS

Test Graph

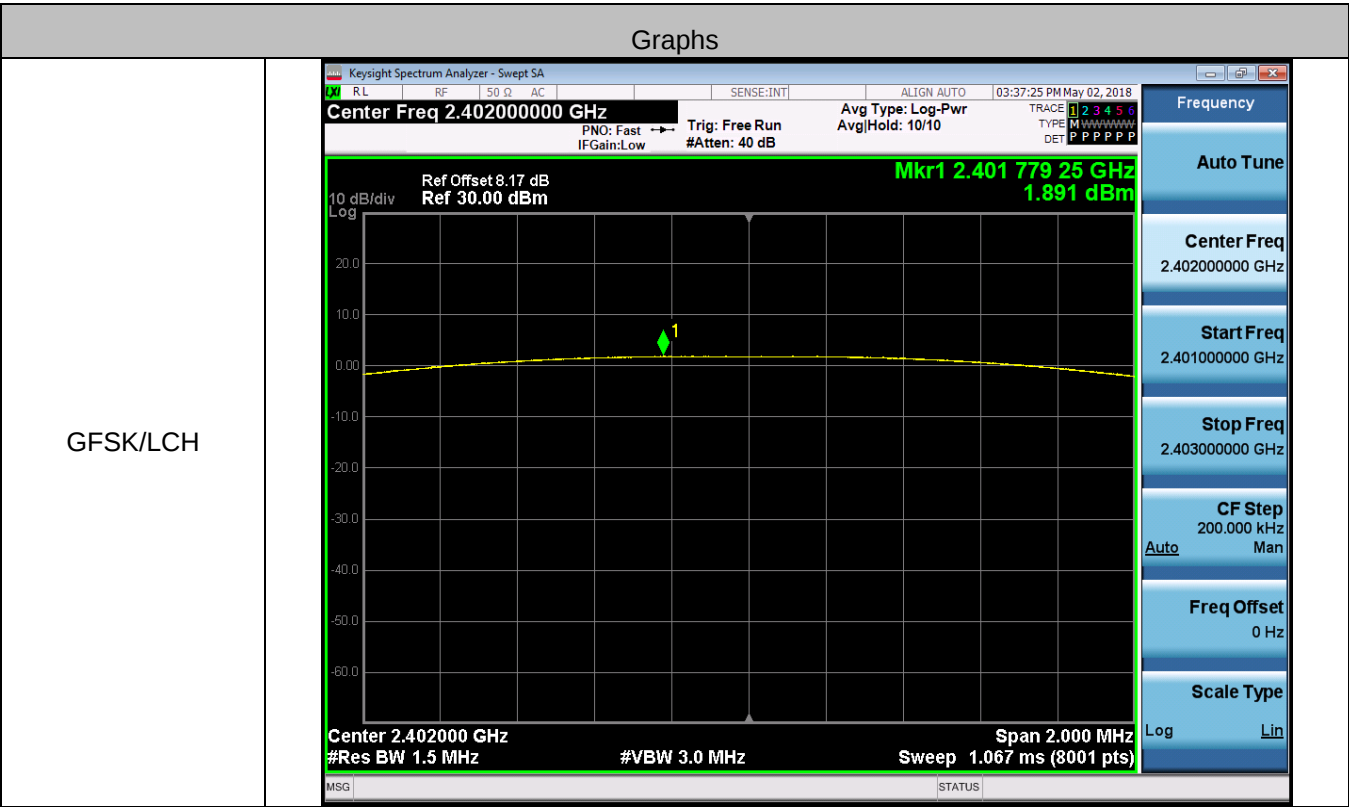


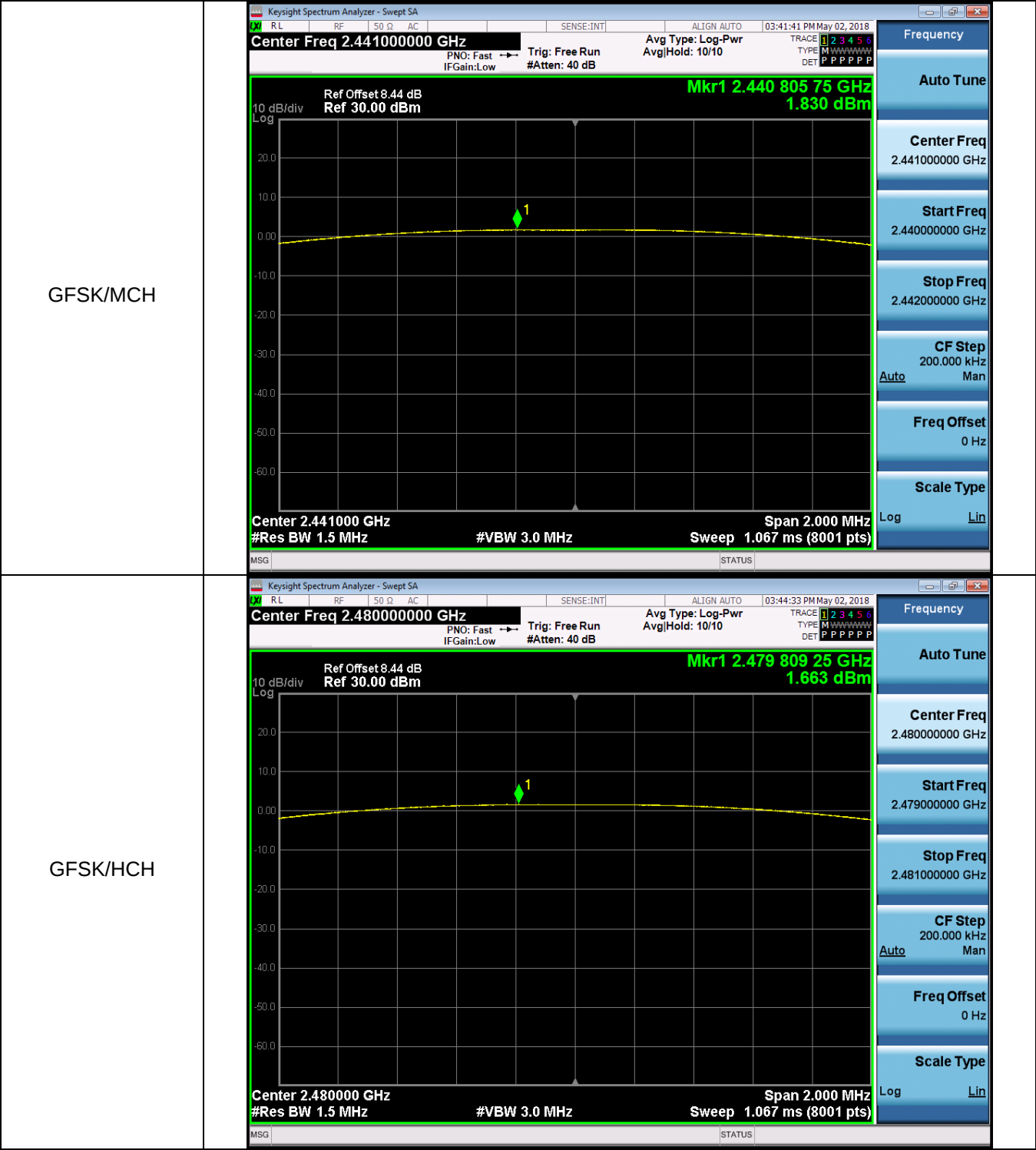
Appendix E): Conducted Peak Output Power

Result Table

Mode	Channel.	Maximum Peak Output Power [dBm]	Limit [dBm]	Verdict
GFSK	LCH	1.891	21	PASS
	MCH	1.830	21	PASS
	HCH	1.663	21	PASS

Test Graph



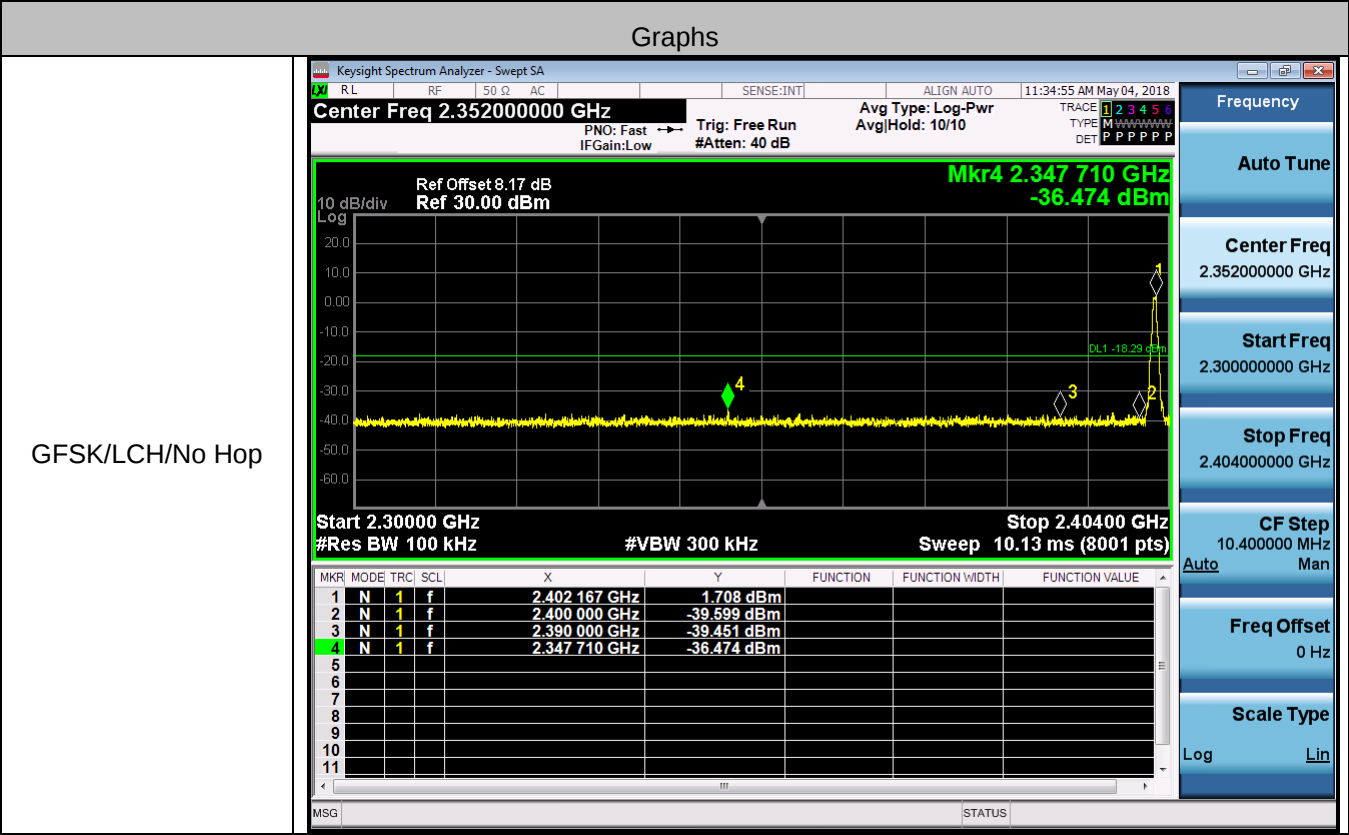


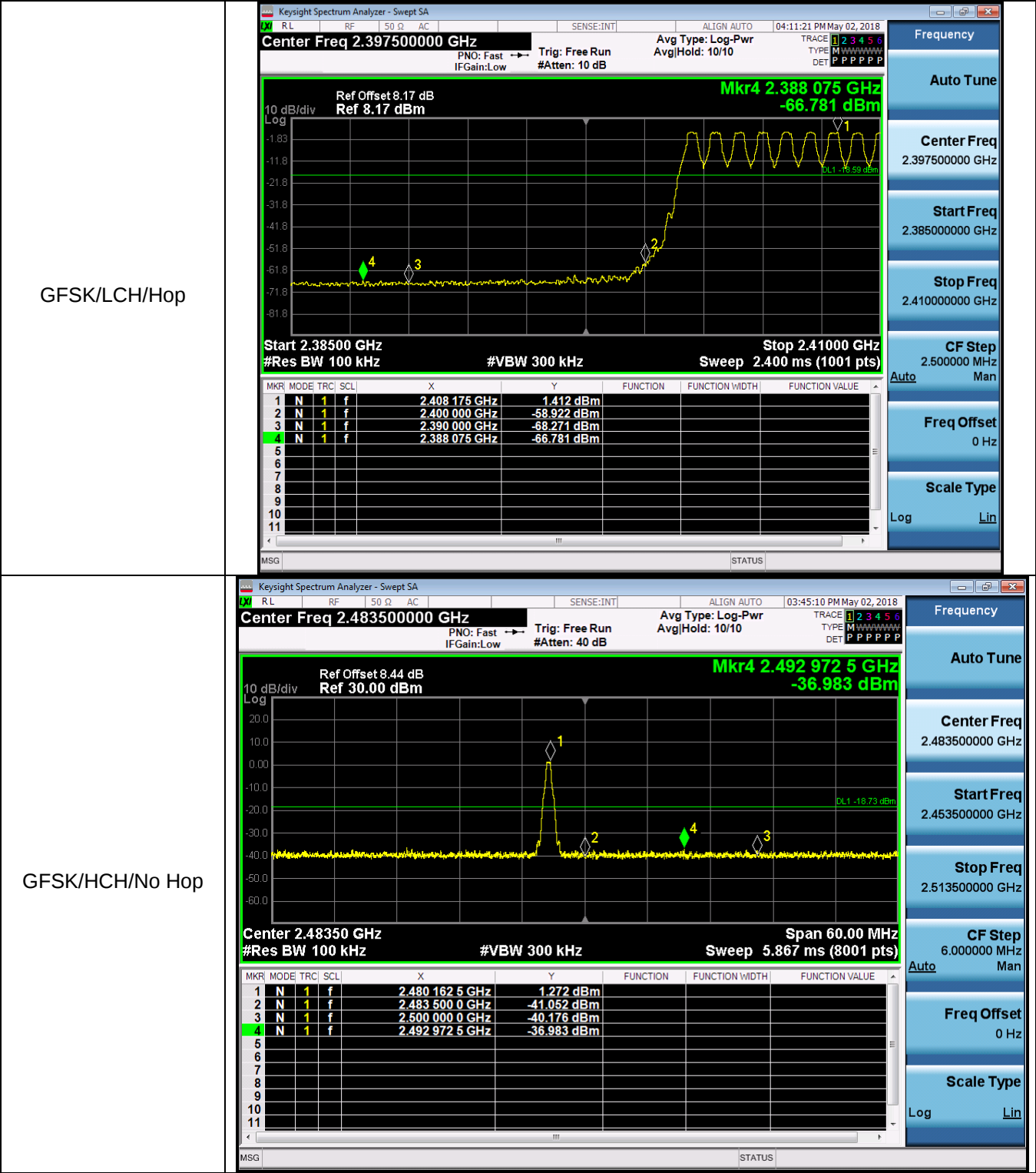
Appendix F): Band-edge for RF Conducted Emissions

Result Table

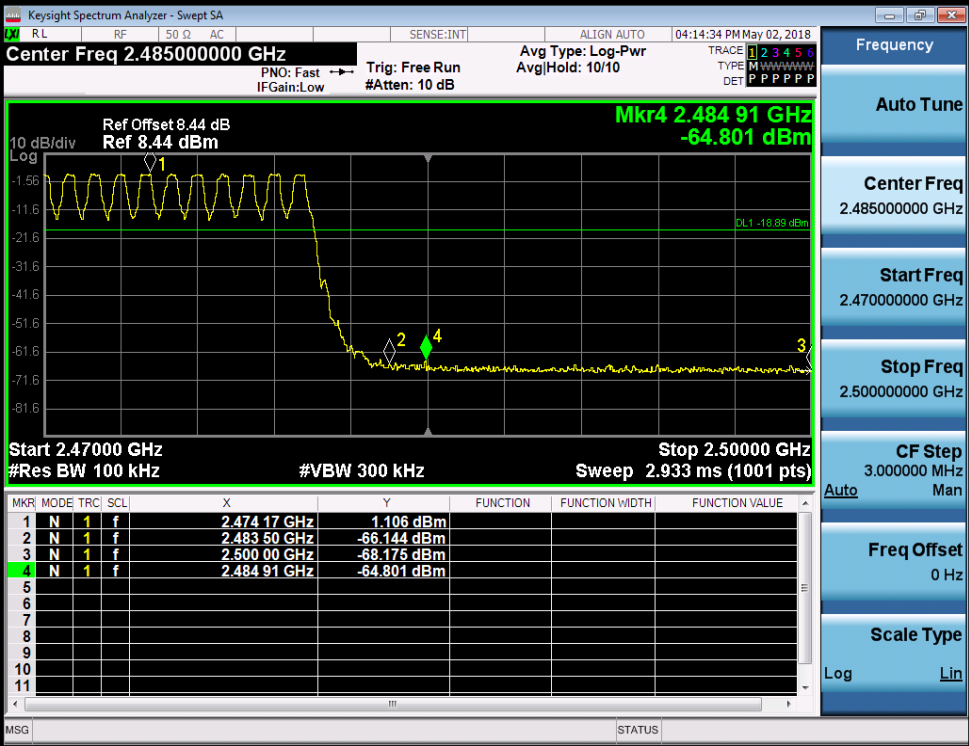
Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequenc y Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2402	1.708	Off	-36.474	-18.29	PASS
			1.412	On	-58.922	-18.59	PASS
GFSK	HCH	2480	1.272	Off	-36.983	-18.73	PASS
			1.106	On	-64.801	-18.89	PASS

Test Graph





GFSK/HCH/Hop

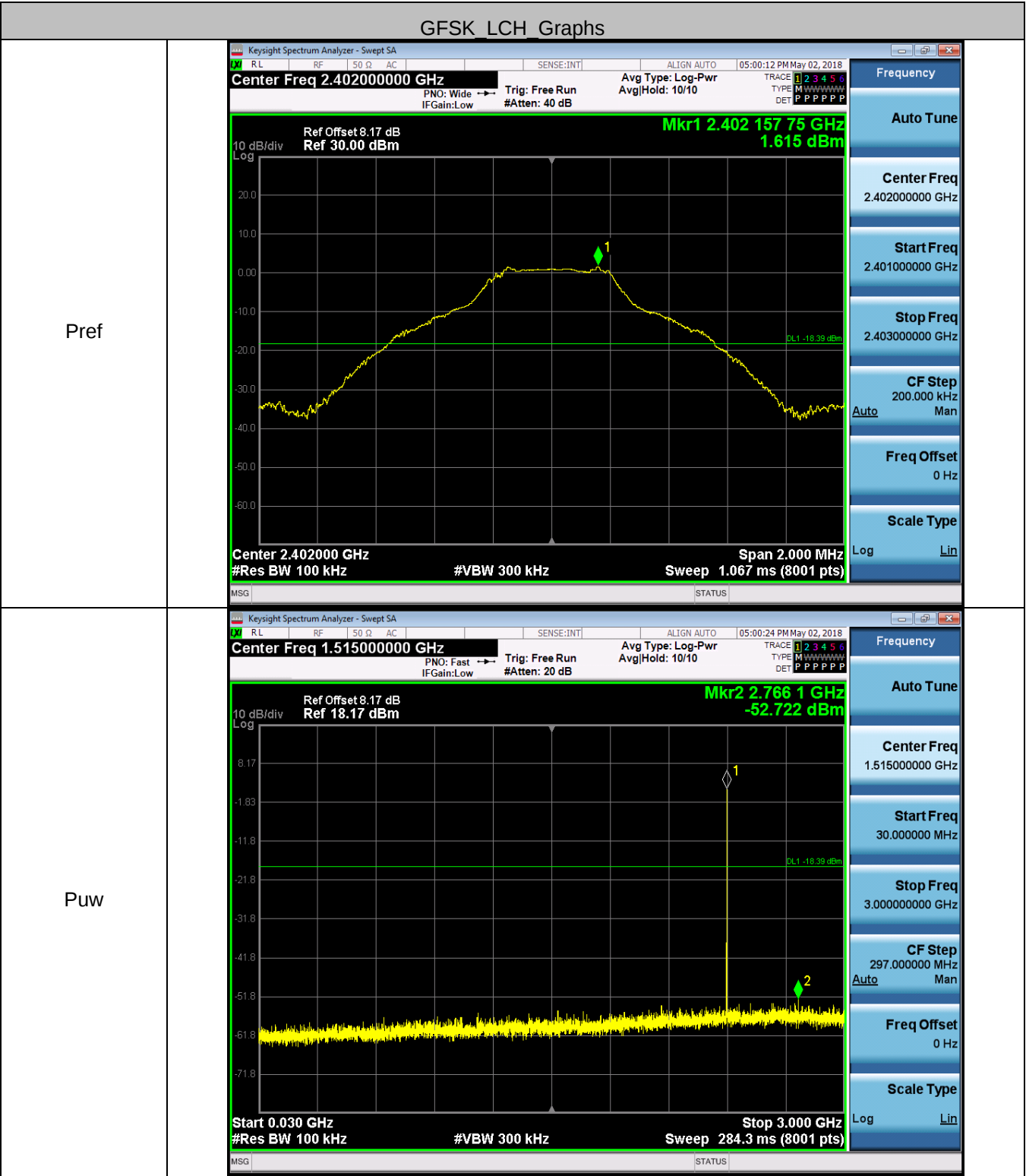


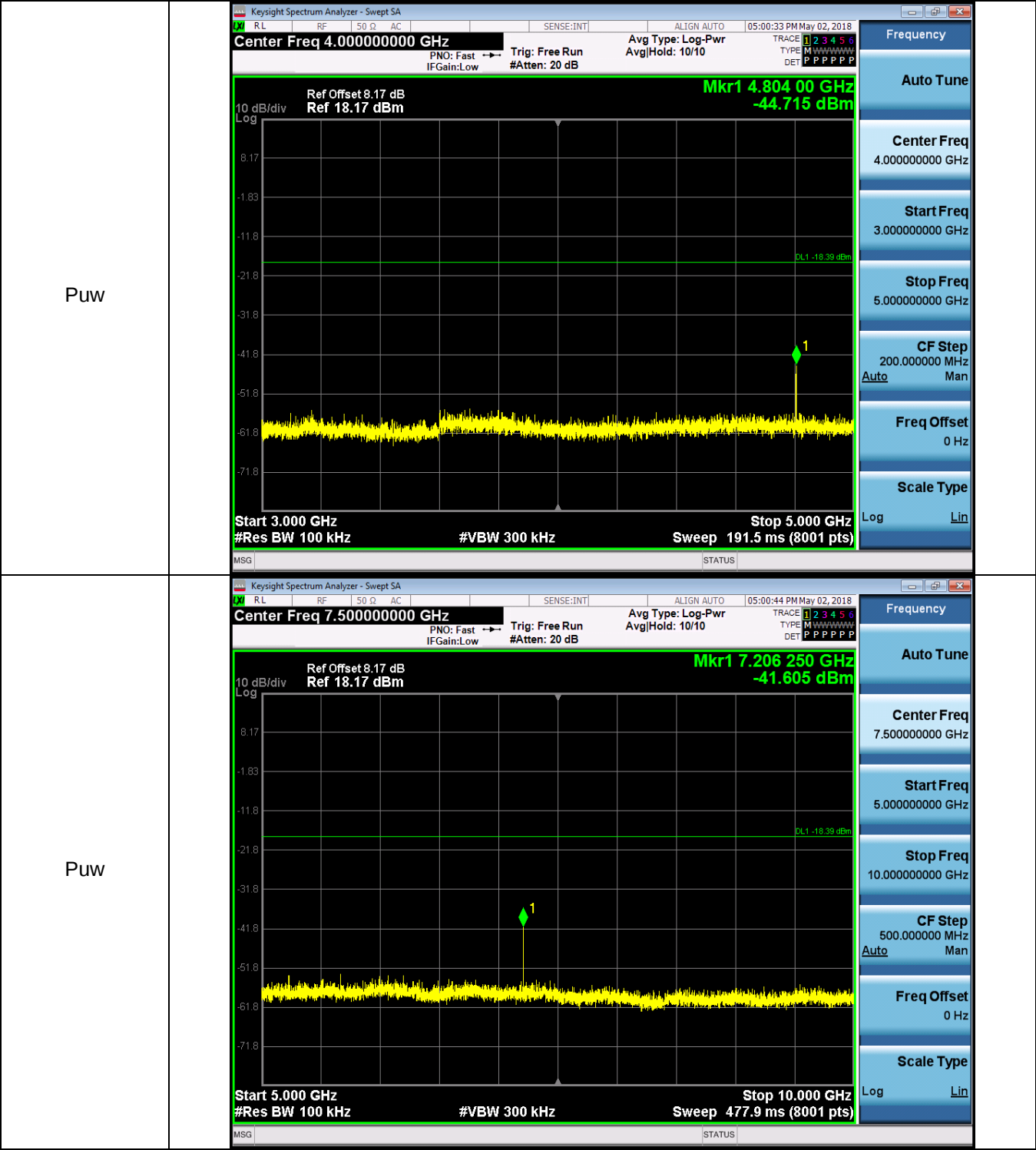
Appendix G): RF Conducted Spurious Emissions

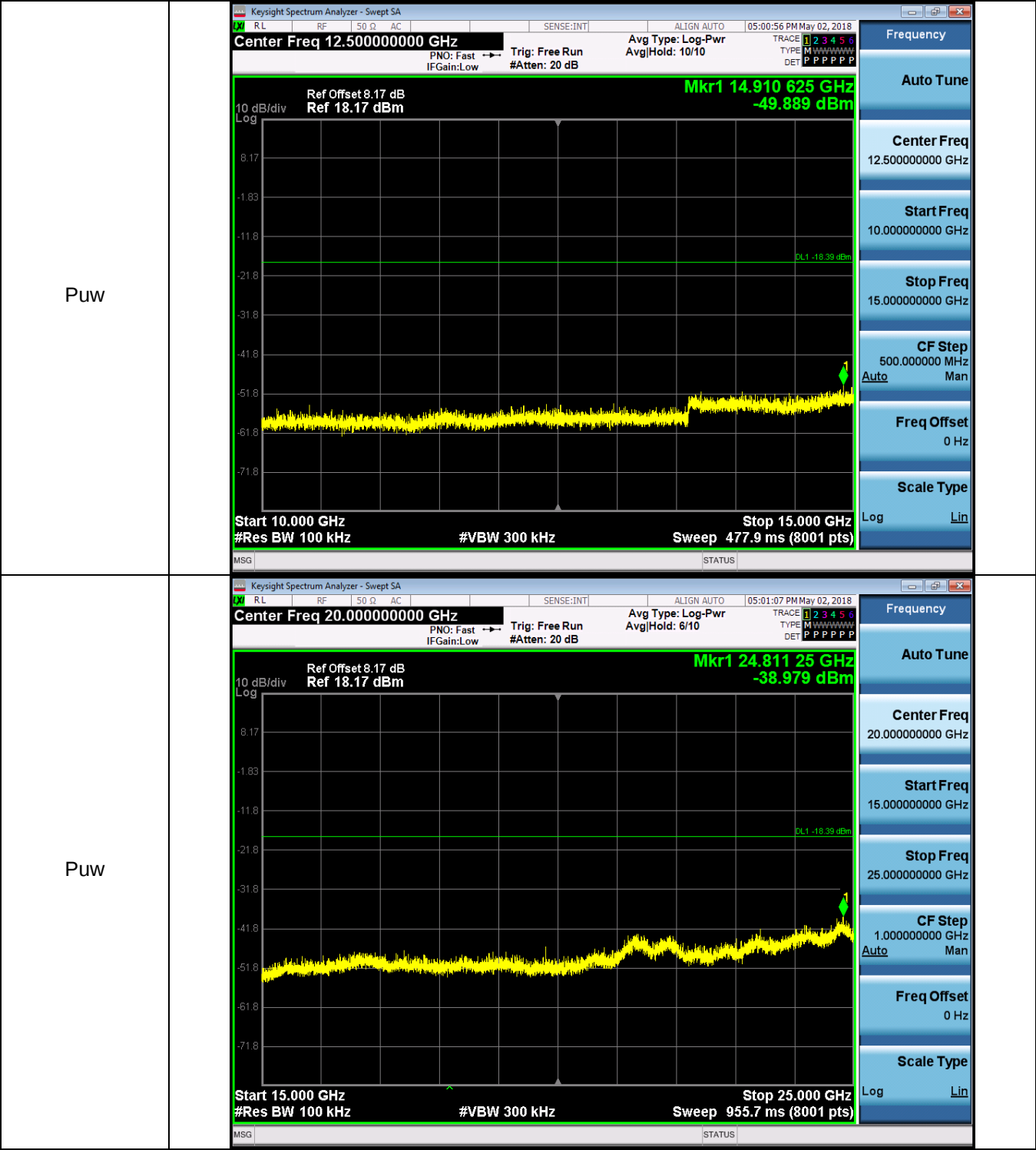
Result Table

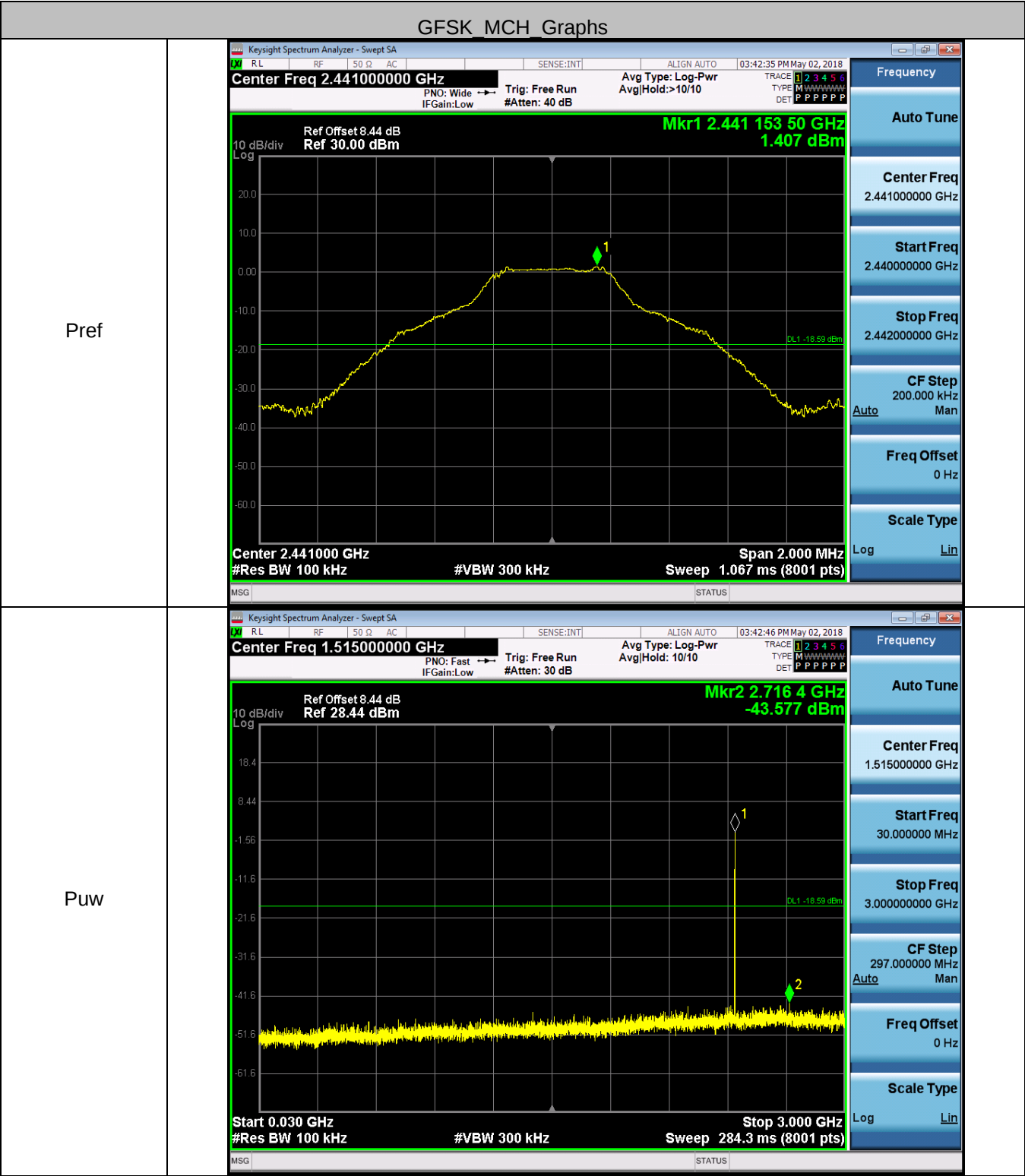
Mode	Channel	Pref [dBm]	Puw[dBm]	Verdict
GFSK	LCH	1.615	<Limit	PASS
GFSK	MCH	1.407	<Limit	PASS
GFSK	HCH	1.311	<Limit	PASS

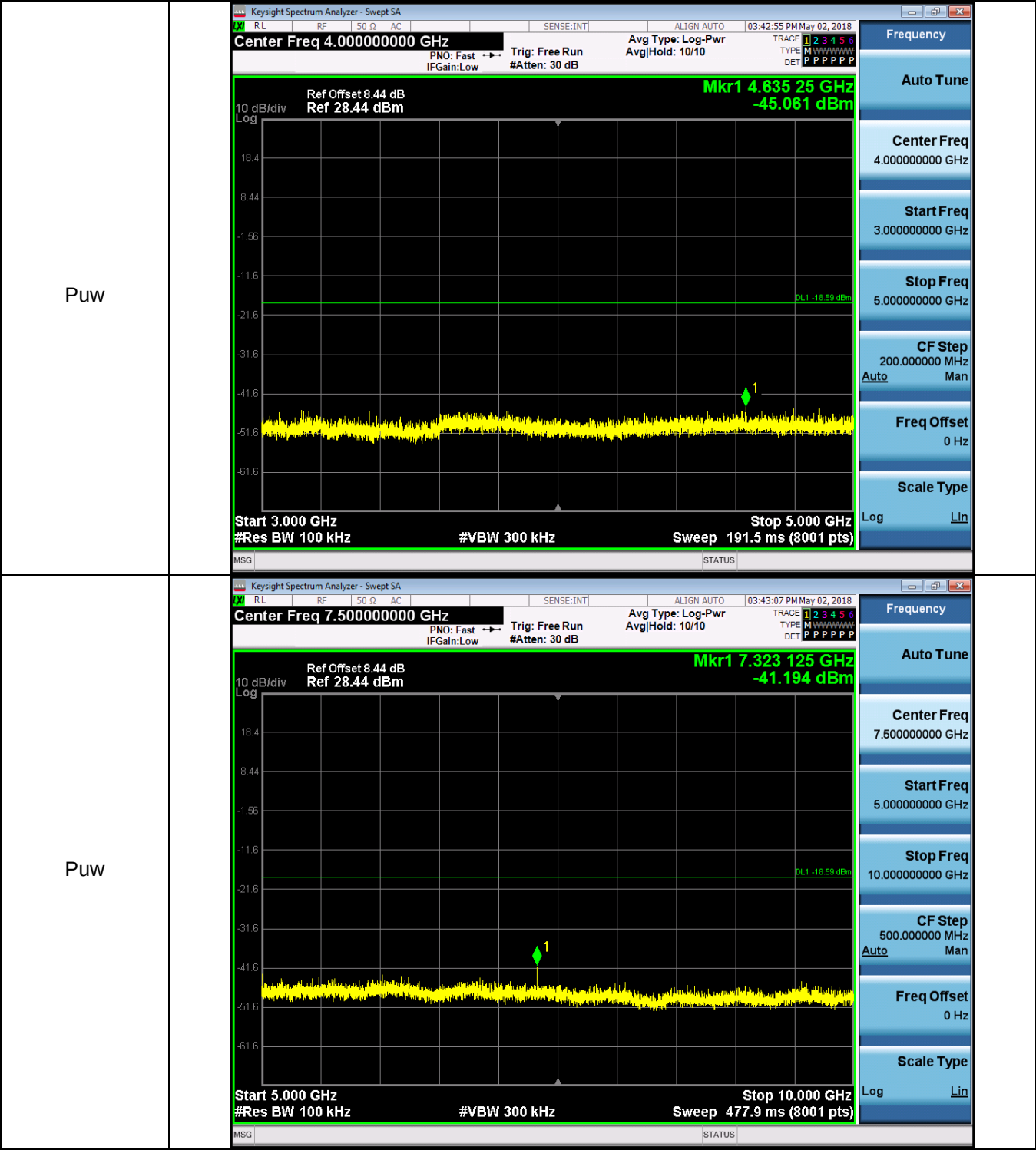
Test Graph

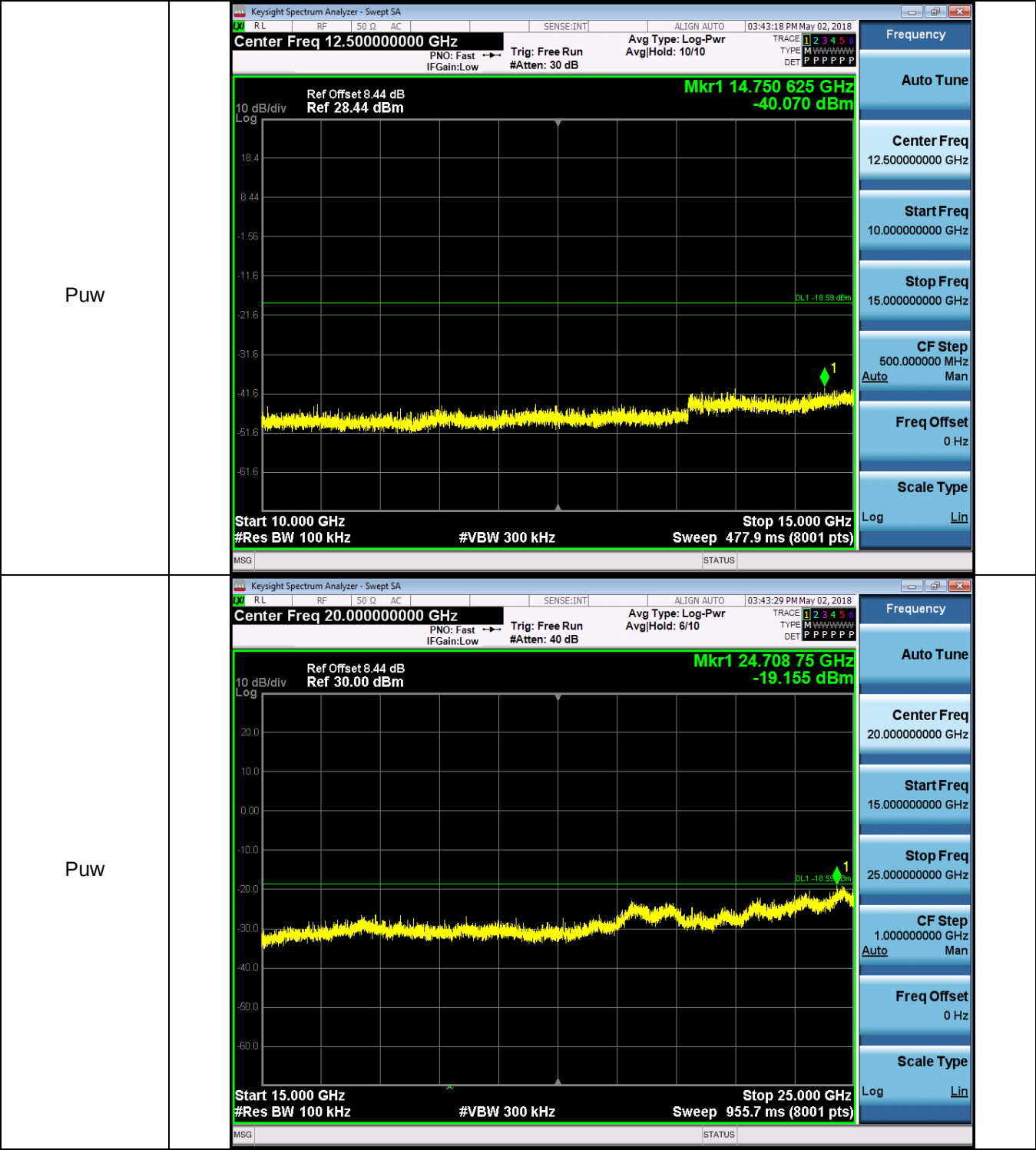


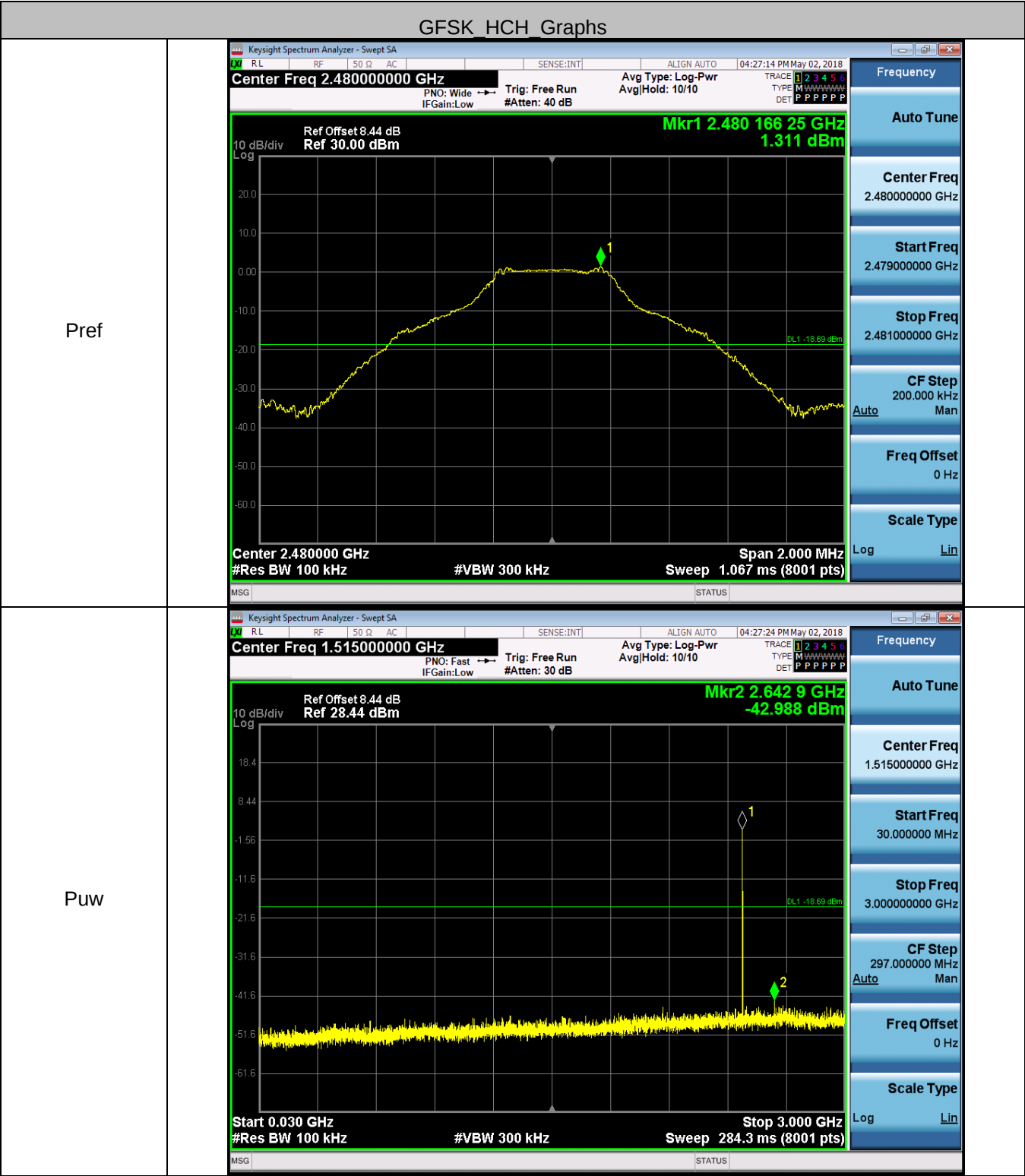


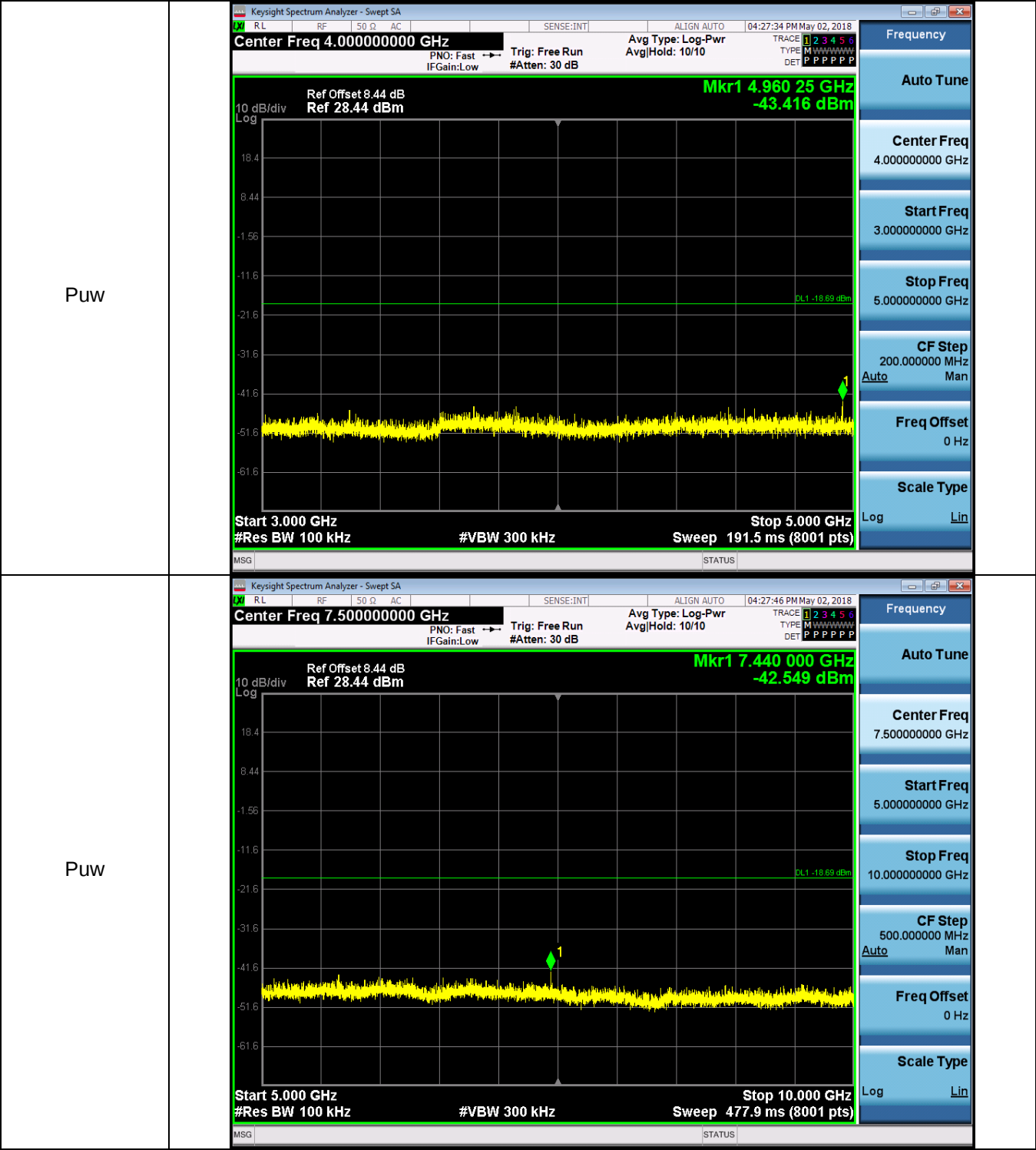


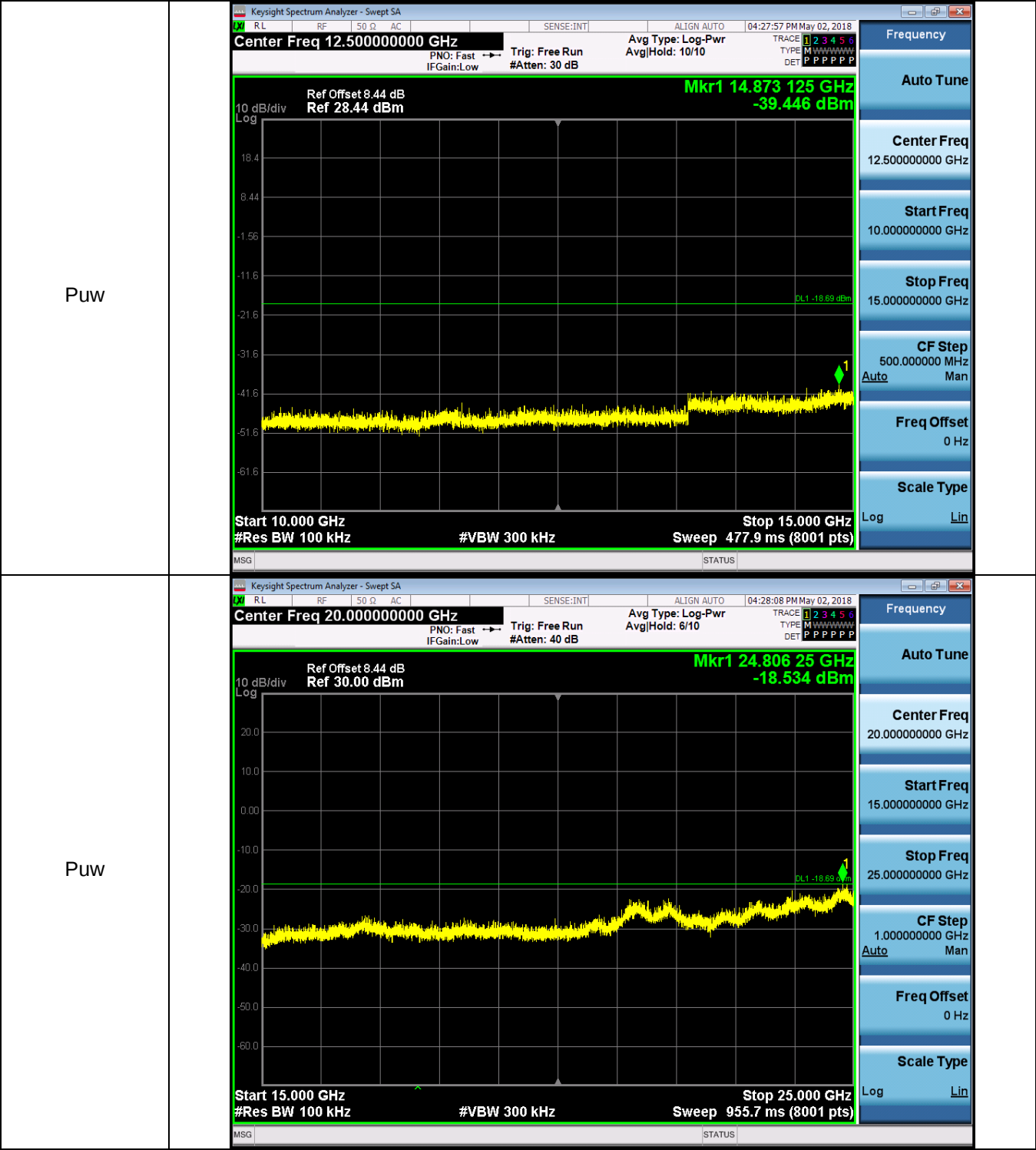










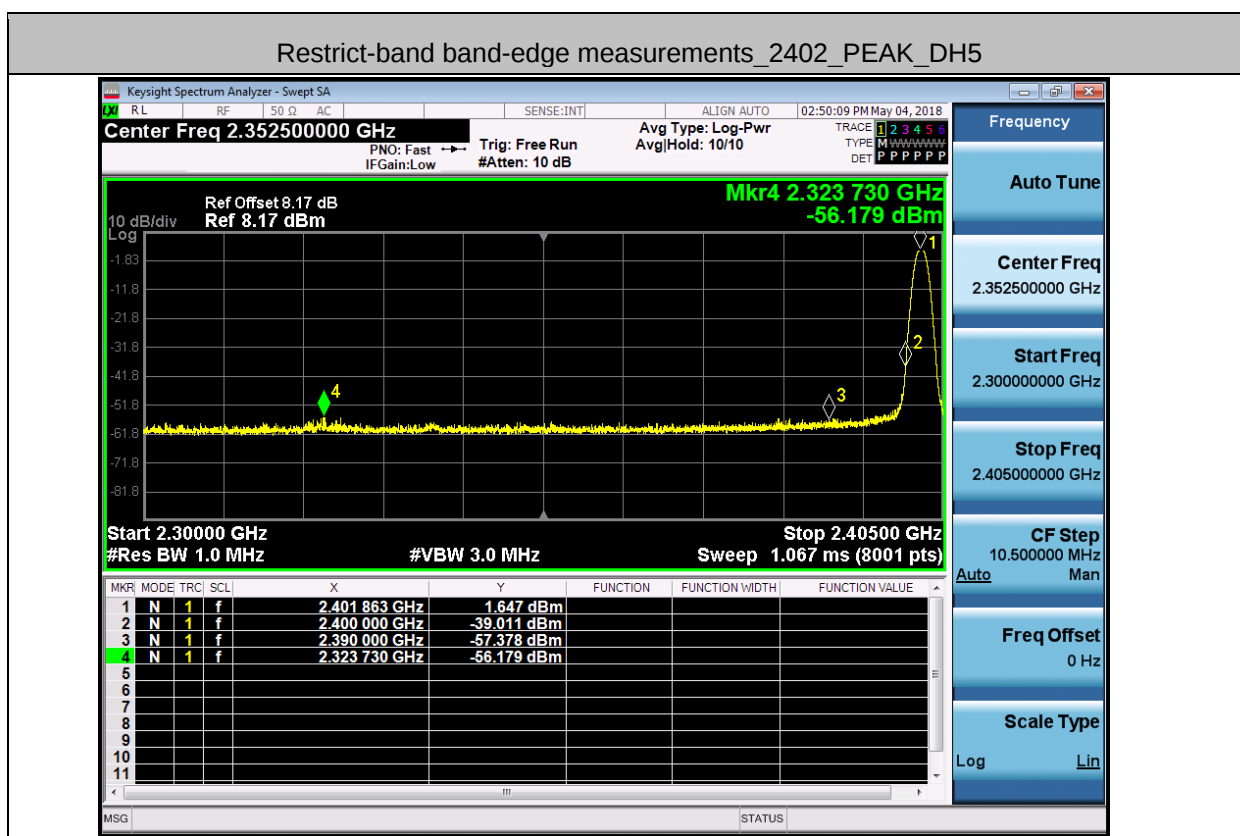


. Appendix H):Restrict-band band-edge measurements

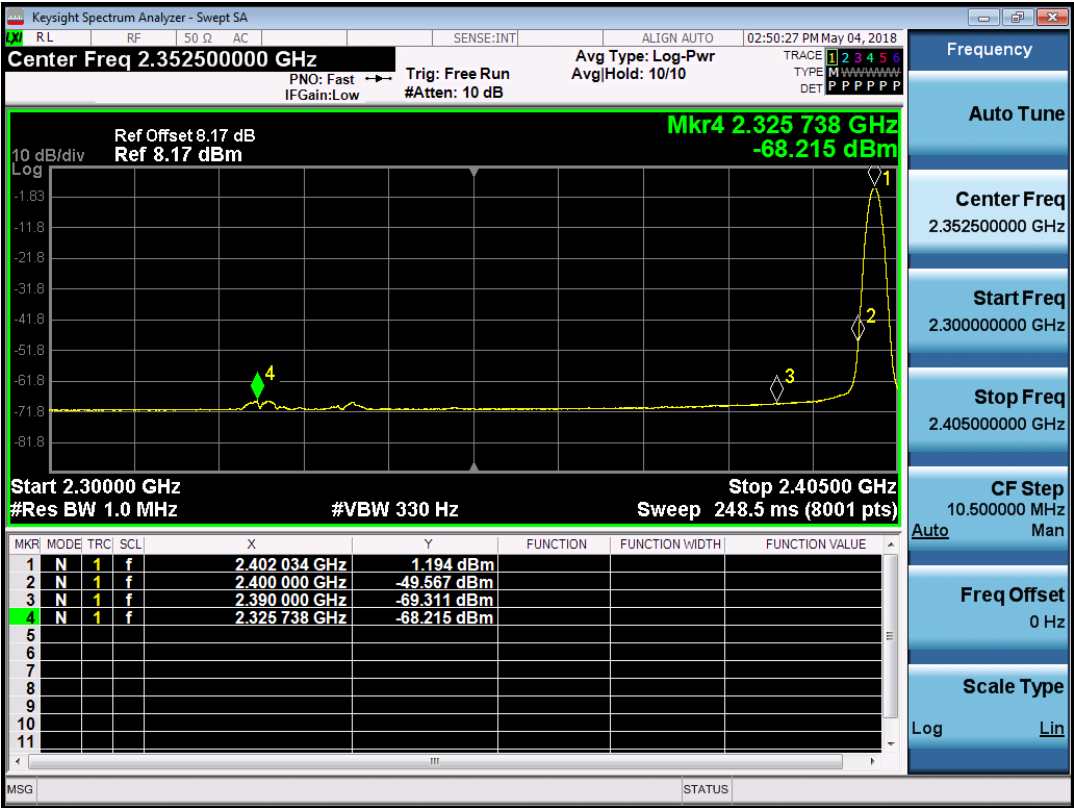
Result Table

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detect or	Limit [dBuV/m]	Verdi
GFSK_DH5	On	2323.73	-56.12	2.00	0	40.95	PEAK	74	PASS
GFSK_DH5	On	2325.74	-68.22	2.00	0	28.85	AV	54	PASS
GFSK_DH5	On	2390.0	-57.18	2.00	0	39.89	PEAK	74	PASS
GFSK_DH5	On	2390.0	-69.31	2.00	0	27.76	AV	54	PASS
GFSK_DH5	On	2483.5	-56.30	2.00	0	40.77	PEAK	74	PASS
GFSK_DH5	On	2483.5	-66.41	2.00	0	30.66	AV	54	PASS
GFSK_DH5	On	2484.61	-54.03	2.00	0	43.04	PEAK	74	PASS
GFSK_DH5	On	2483.54	-66.42	2.00	0	30.65	AV	54	PASS

Test Graph



Restrict-band band-edge measurements_2402_AV_DH5



Restrict-band band-edge measurements_2480_PEAK_DH5



Restrict-band band-edge measurements_2480_AV_DH5

