

Appendix A

RF Test Data (Conducted Measurement)

Product Name: LineaPro 7 UHF

Trade Mark: LineaPro 7 UHF

Test Model: LineaPro 7 UHF

Environmental Conditions

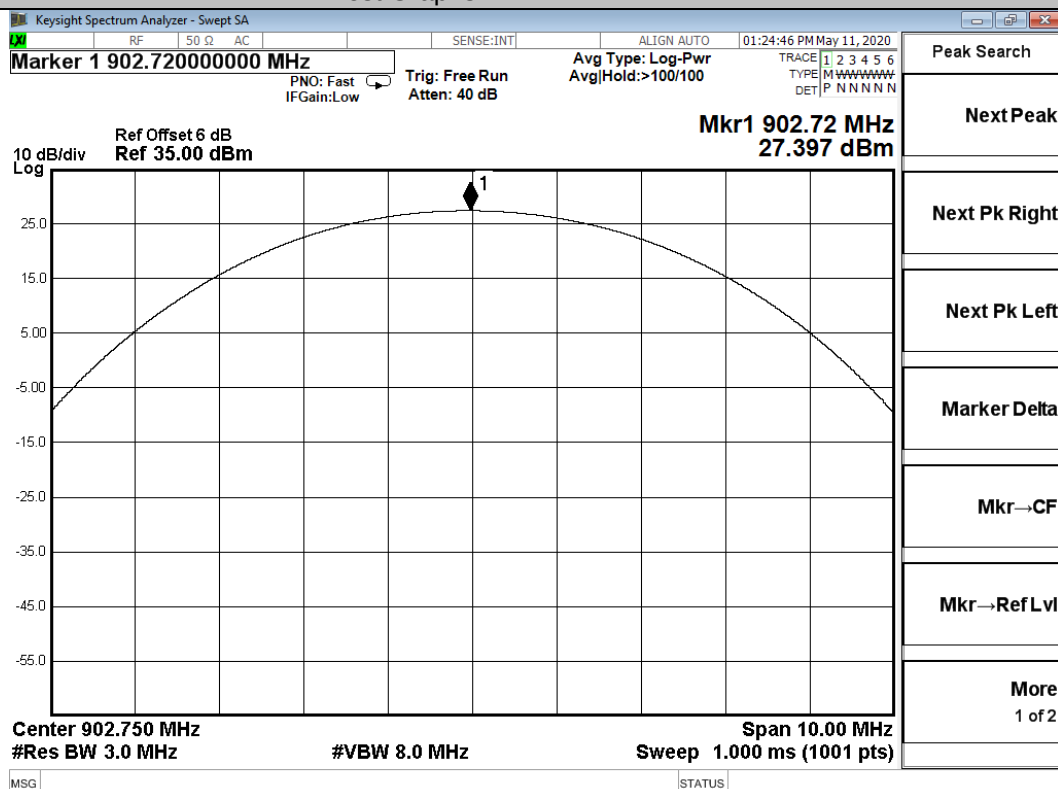
Temperature:	23.6 ° C
Relative Humidity:	53.6%
ATM Pressure:	100.0 kPa
Test Engineer:	David Luo
Supervised by:	Li Huan

A.1 Maximum Conducted Peak Output Power

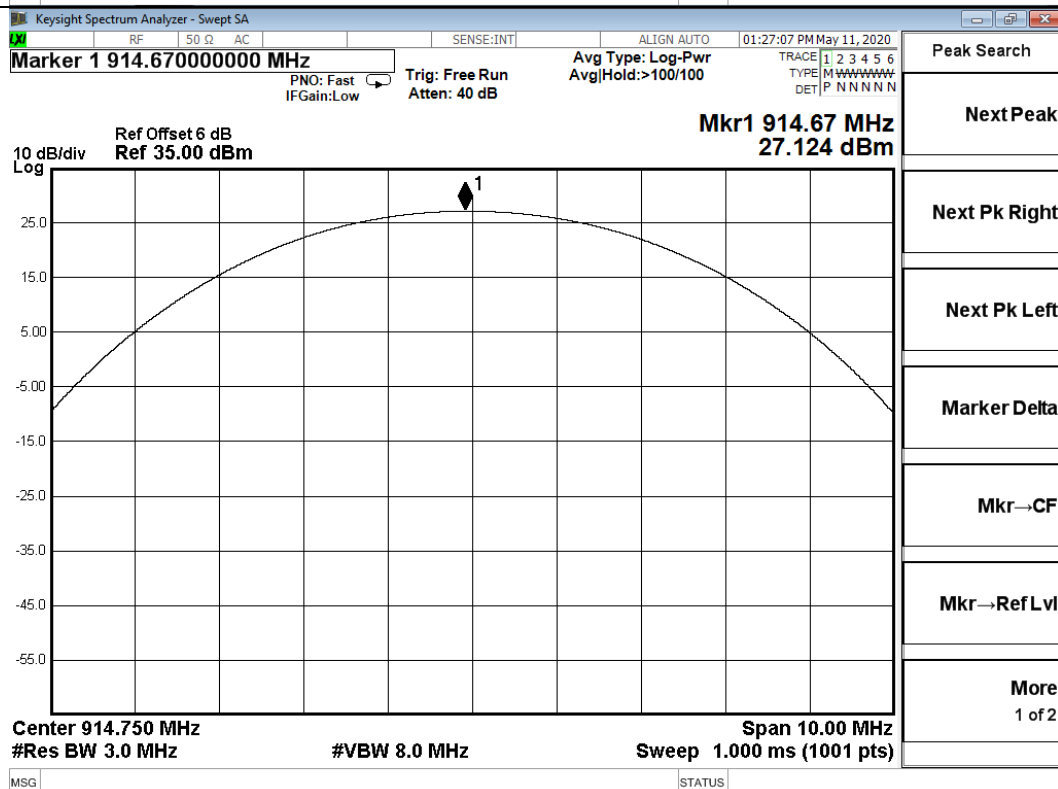
Mode	Channel.	Maximum Peak Output Power [dBm]	Limit [dBm]	Verdict
RF ID	LCH	27.397	30	PASS
	MCH	21.124	30	PASS
	HCH	26.845	30	PASS

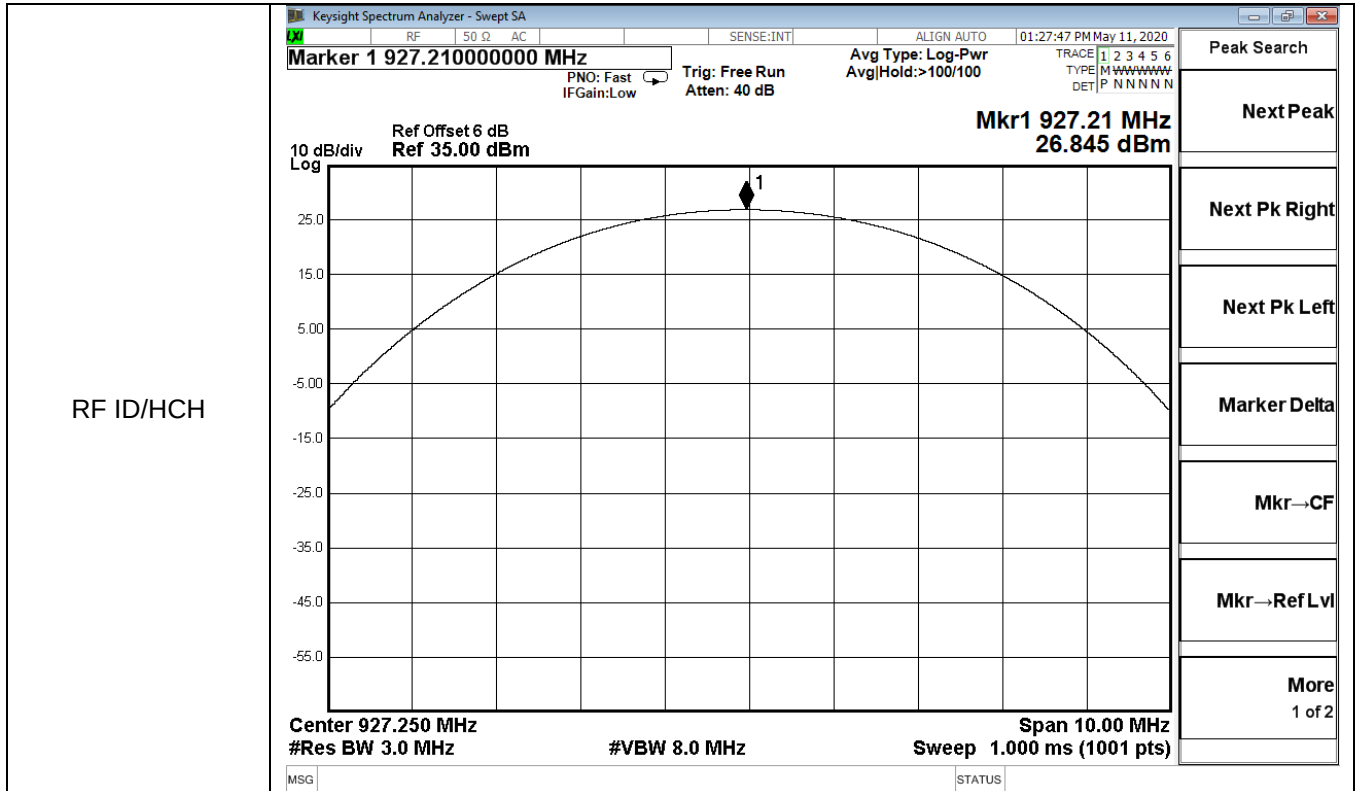
Test Graphs

RF ID/LCH



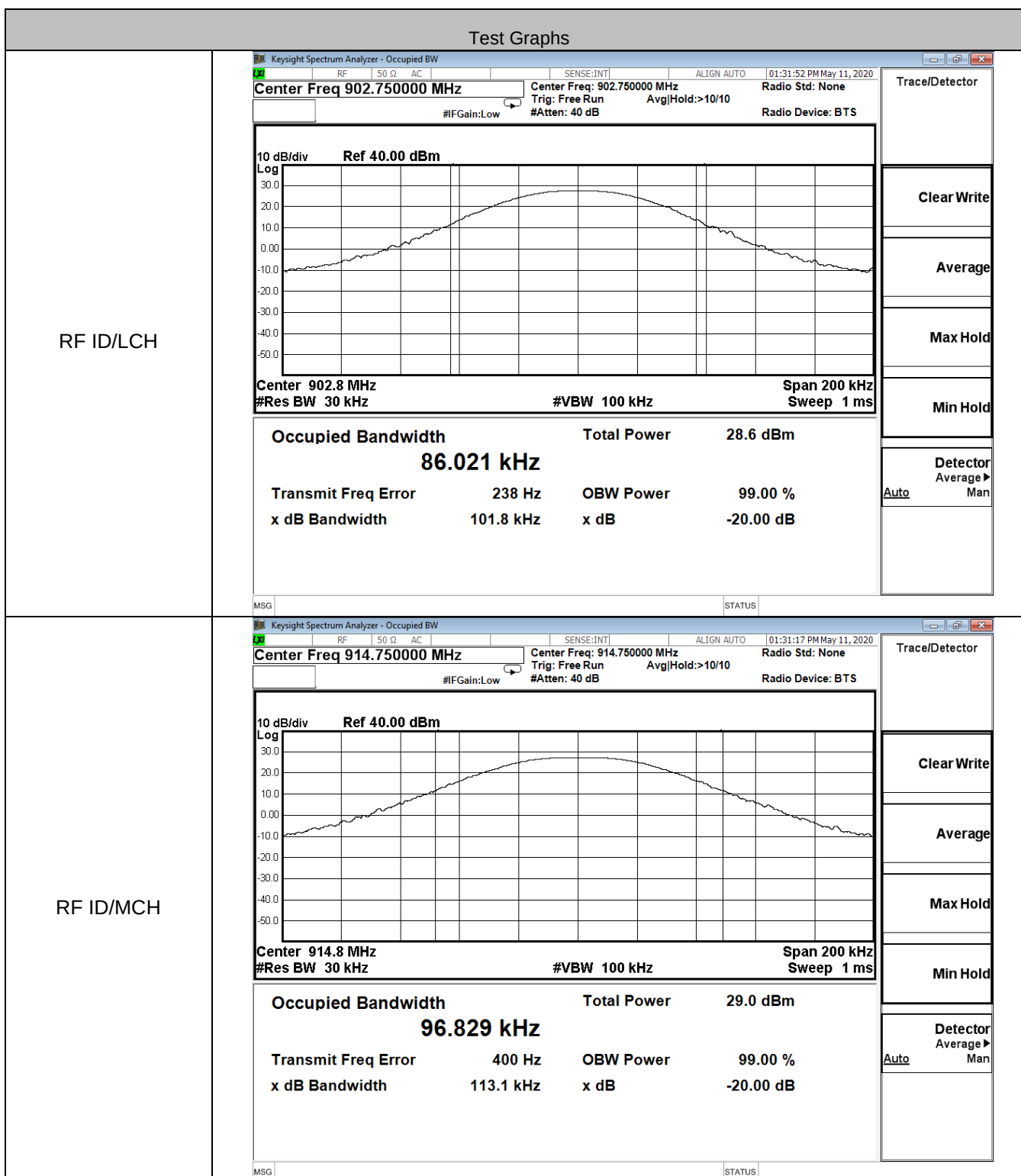
RF ID/MCH



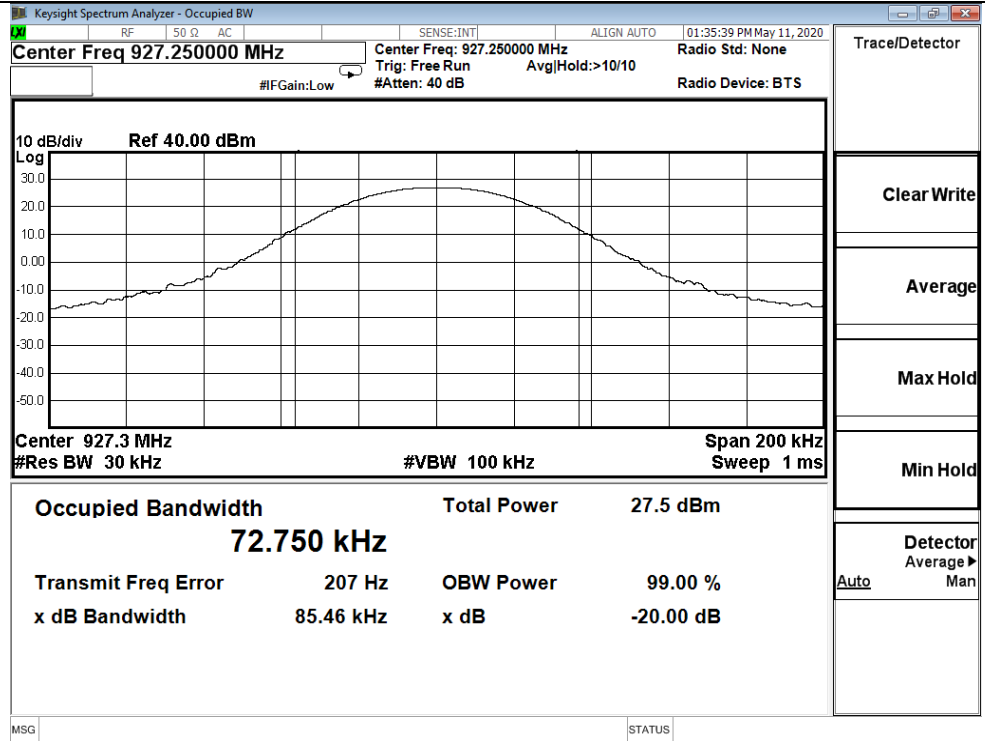


A.2 20dB Bandwidth

Mode	Channel.	20dB Bandwidth [KHz]	Limit [KHz]	Verdict
RF ID	LCH	101.8	Not Specified	PASS
	MCH	113.1	Not Specified	PASS
	HCH	85.46	Not Specified	PASS

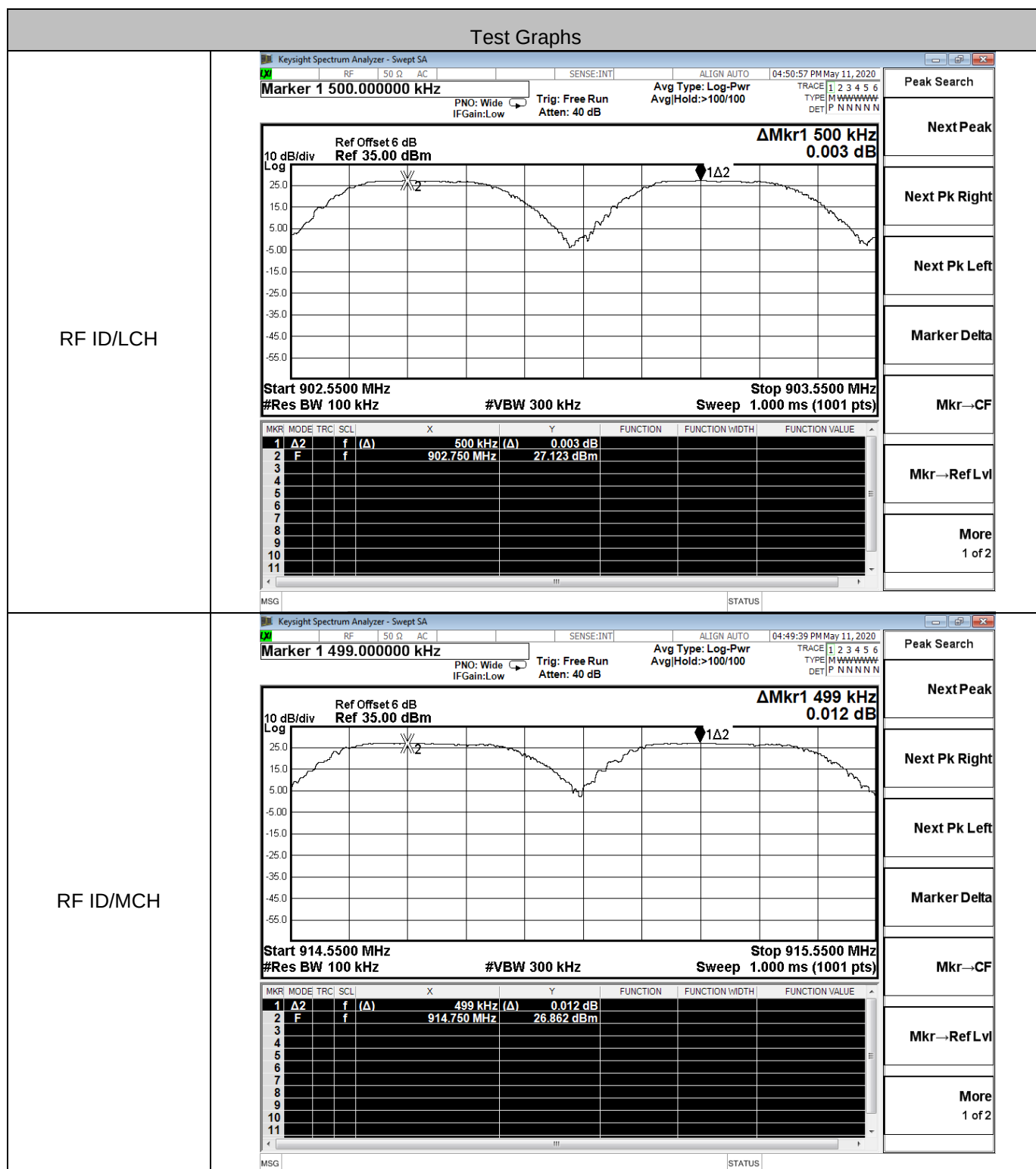


RF ID/HCH

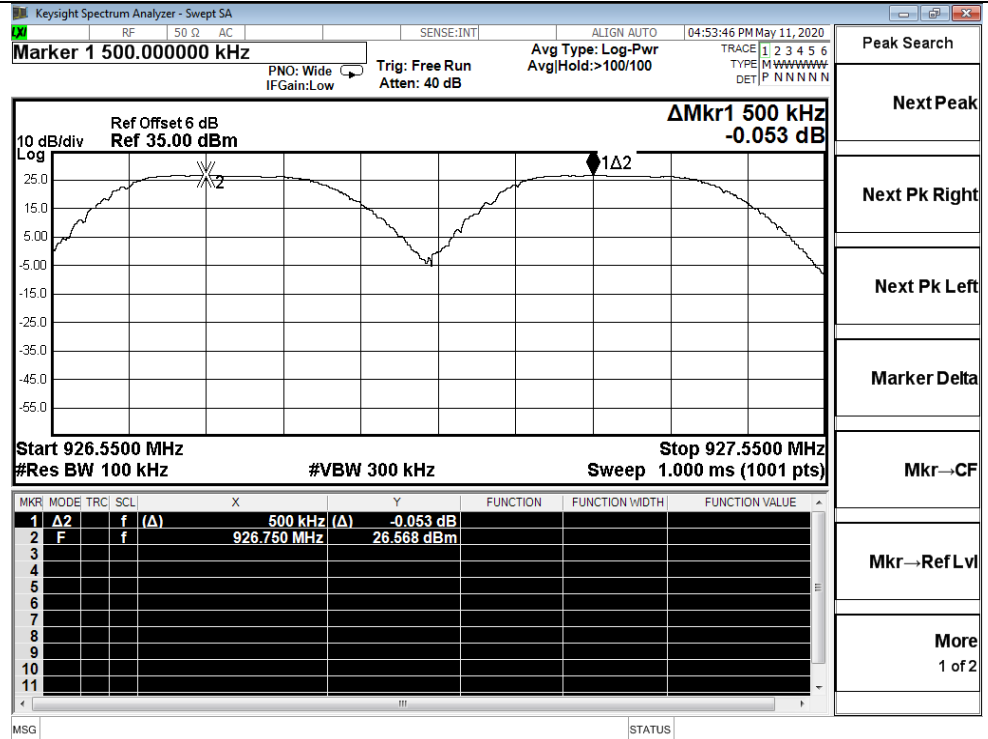


A.3 Carrier Frequency Separation

Mode	Channel.	Carrier Frequency Separation [KHz]	Limit [KHz]	Verdict
RF ID	LCH	500	113.1	PASS
	MCH	499	113.1	PASS
	HCH	500	113.1	PASS

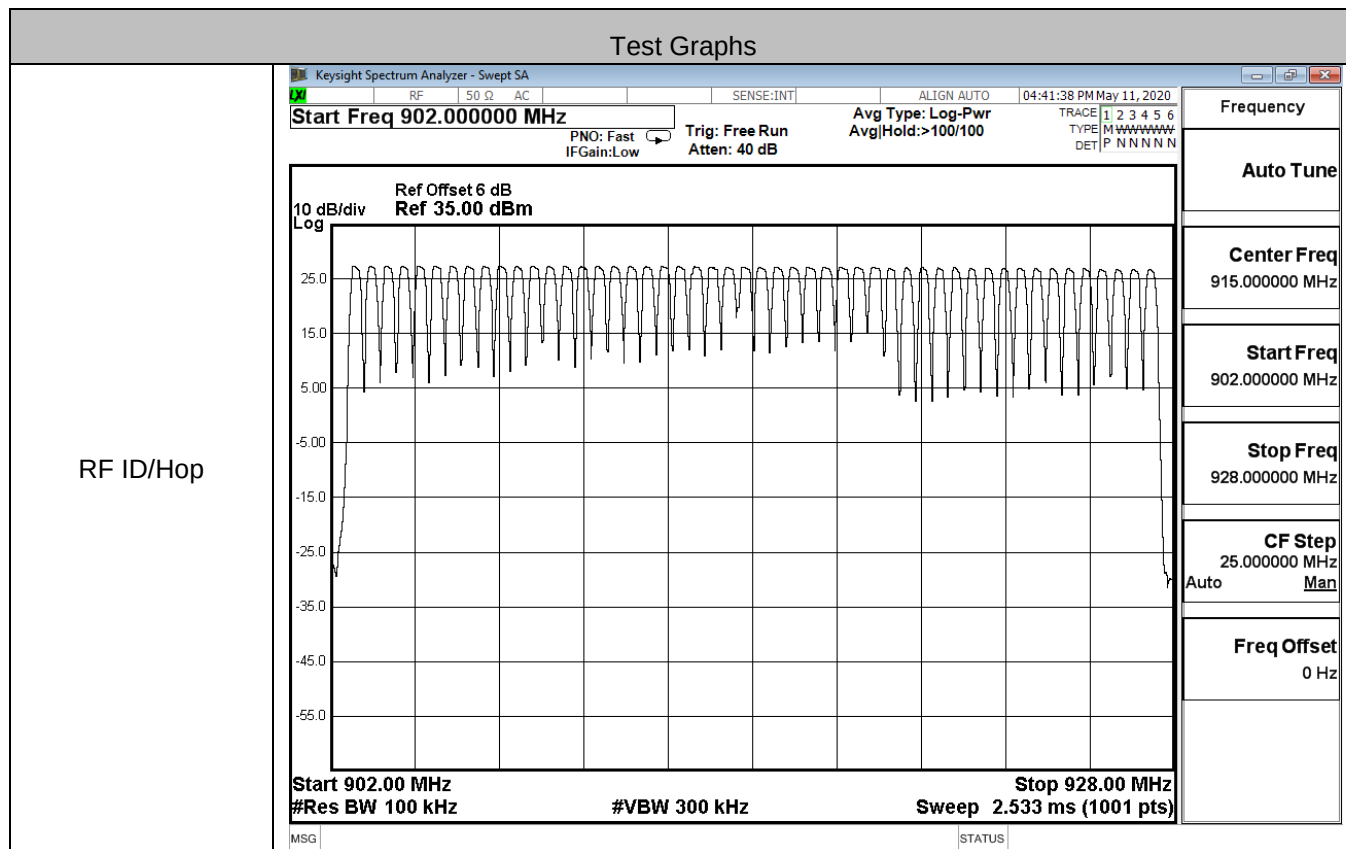


RF ID/HCH



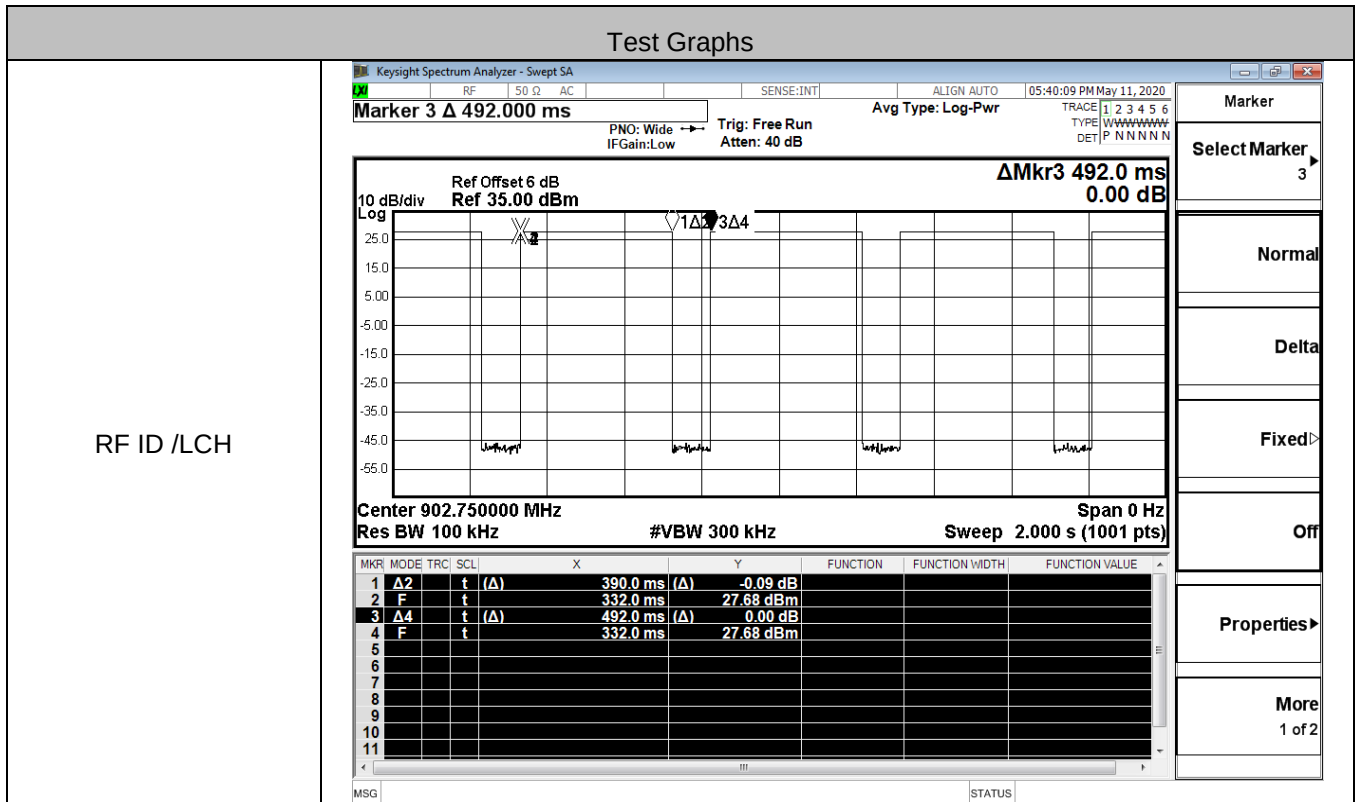
A.4 Hopping Channel Number

Mode	Channel.	Number of Hopping Channel [N]	Limit [N]	Verdict
RF ID	Hop	50	>=50	PASS

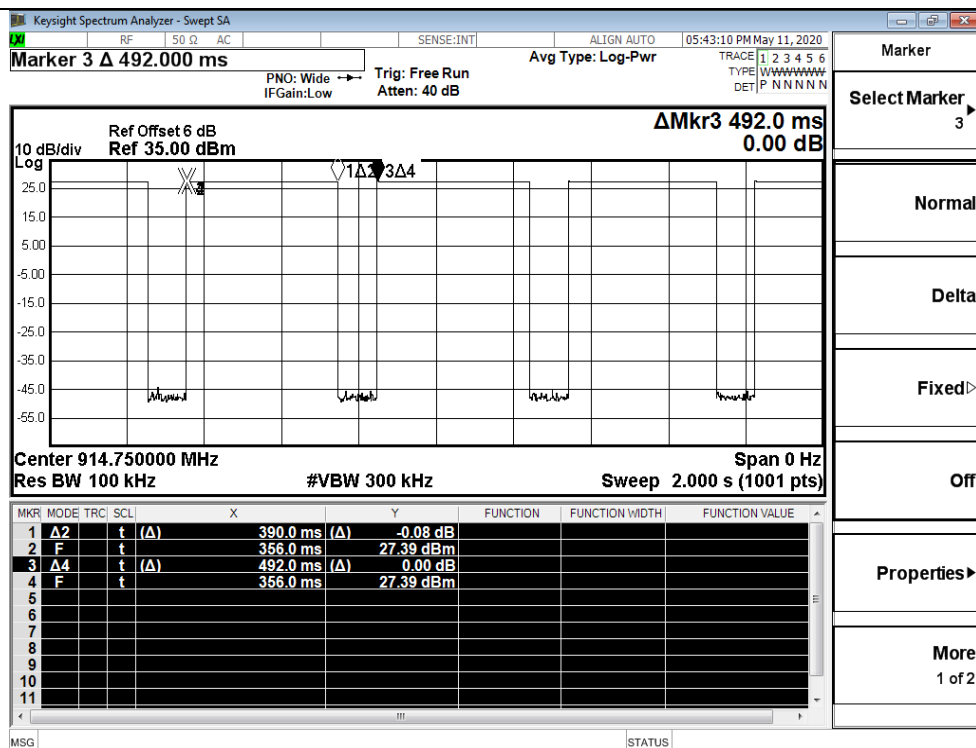


A.5 Dwell Time

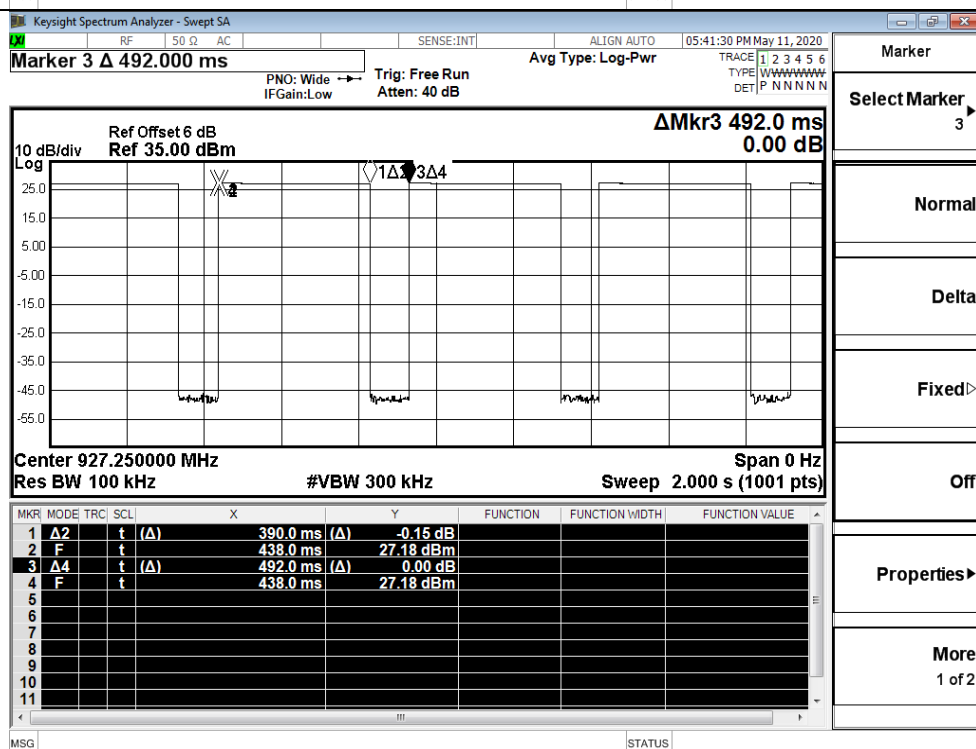
Mode	Channel	Burst Width [ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[s]	Limit [s]	Verdict
RF ID	LCH	2.87	106.7	0.390	0.4	PASS
	MCH	2.87	106.7	0.390	0.4	PASS
	HCH	2.87	106.7	0.390	0.4	PASS



RF ID/MCH

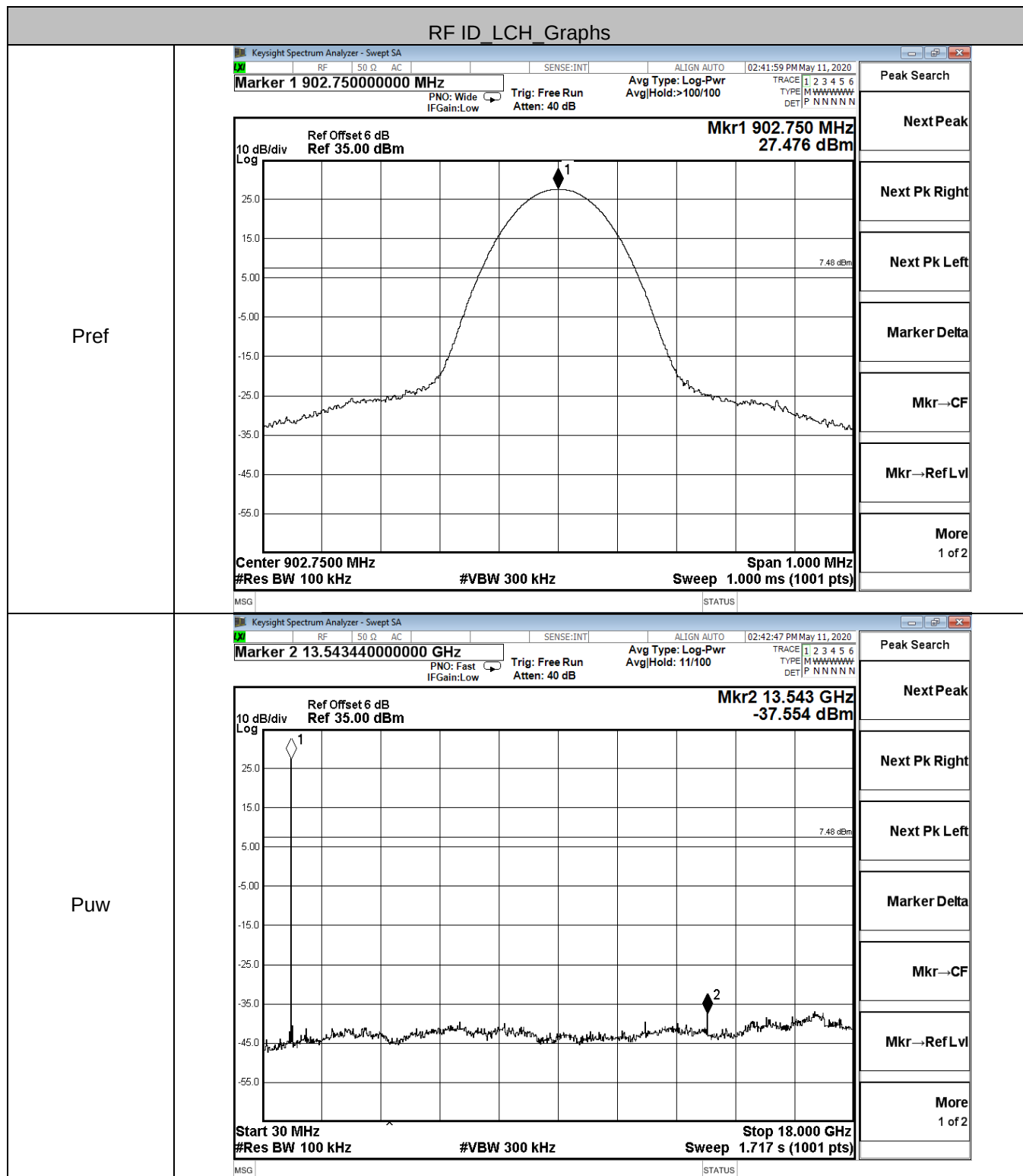


RF ID/HCH



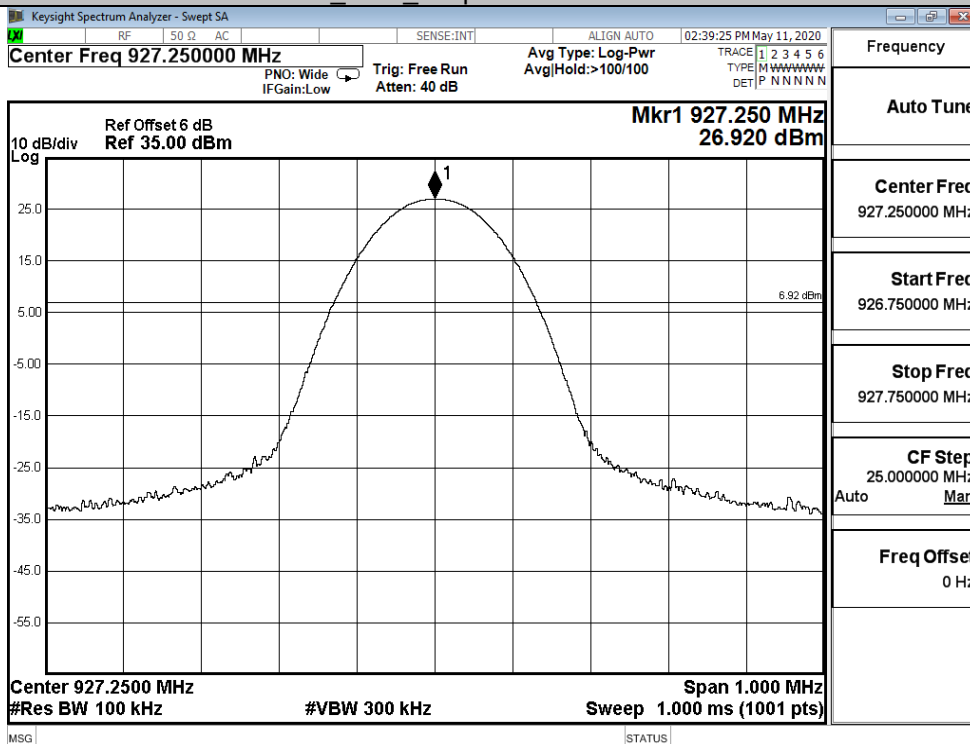
A.6 RF Conducted Spurious Emissions

Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
RF ID	LCH	27.476	-37.554	7.48	PASS
	HCH	26.920	-39.954	6.92	PASS

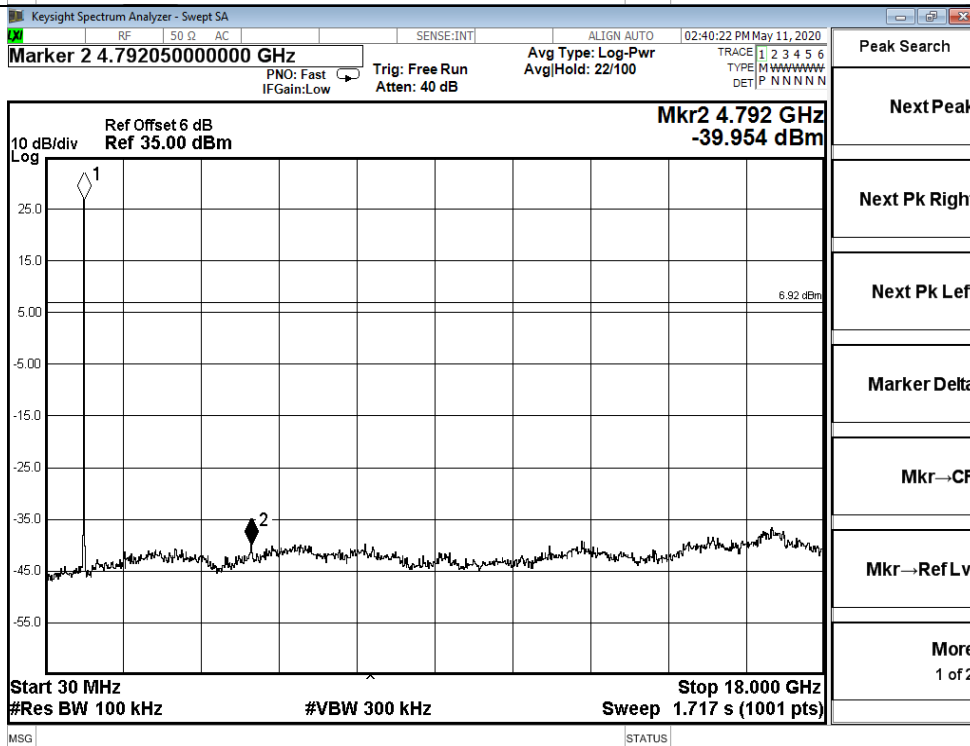


RF ID_HCH_Graphs

Pref



Puw

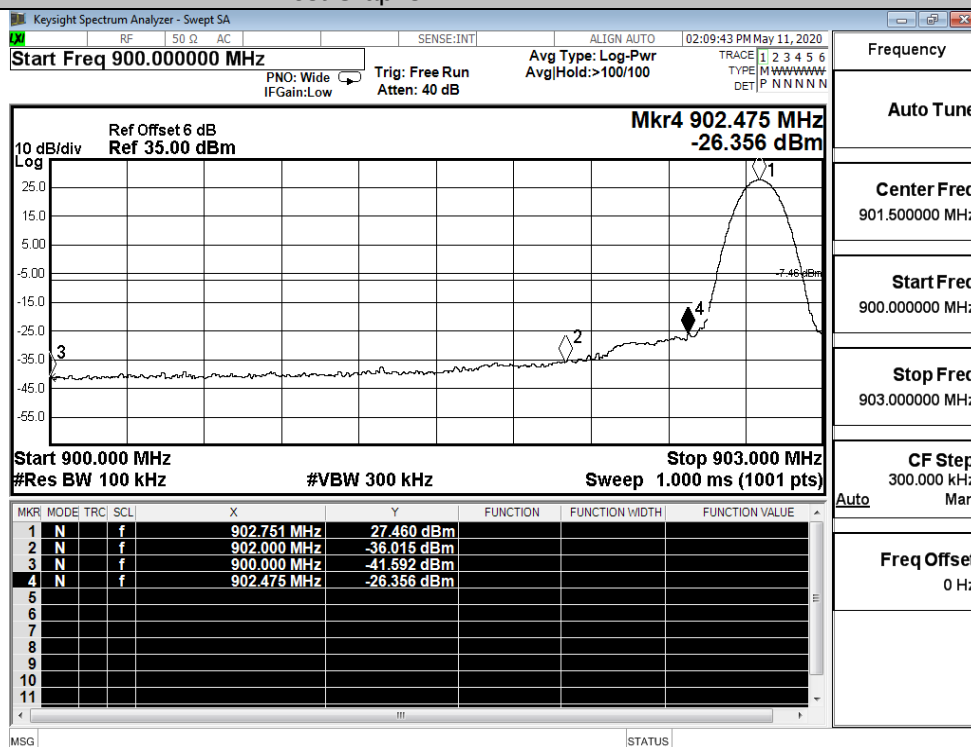


A.7 Band-edge for RF Conducted Emissions

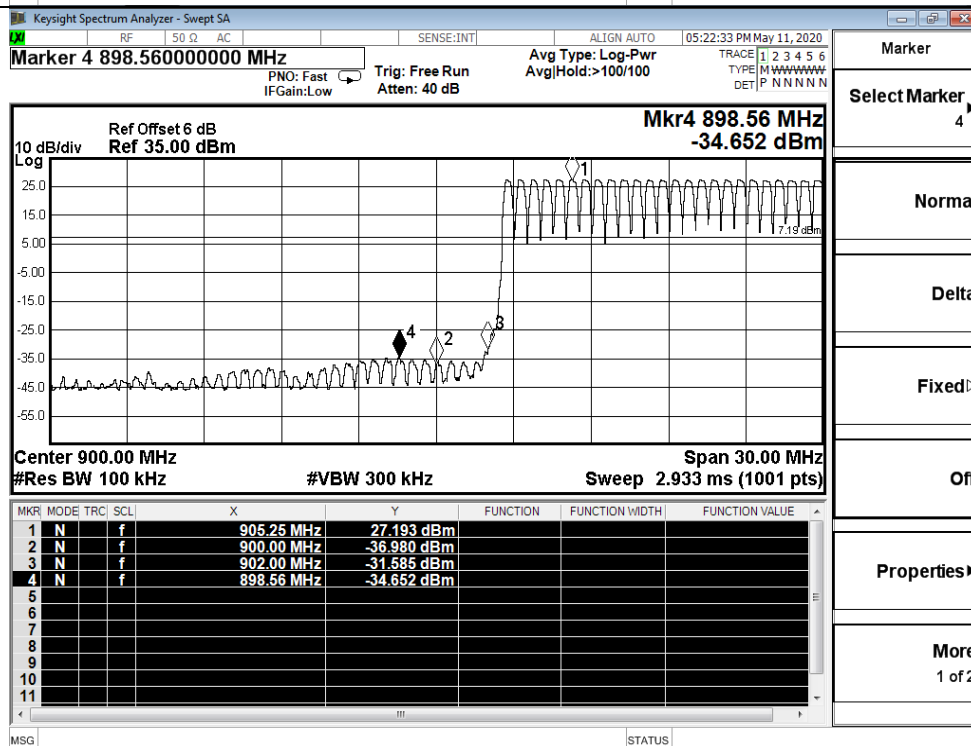
Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
RF ID	LCH	902.75	27.460	Off	-49.548	-7.46	PASS
			27.193	On	-48.221	7.19	PASS
	HCH	927.25	26.940	Off	-48.972	-6.94	PASS
			27.039	On	-48.582	7.04	PASS

Test Graphs

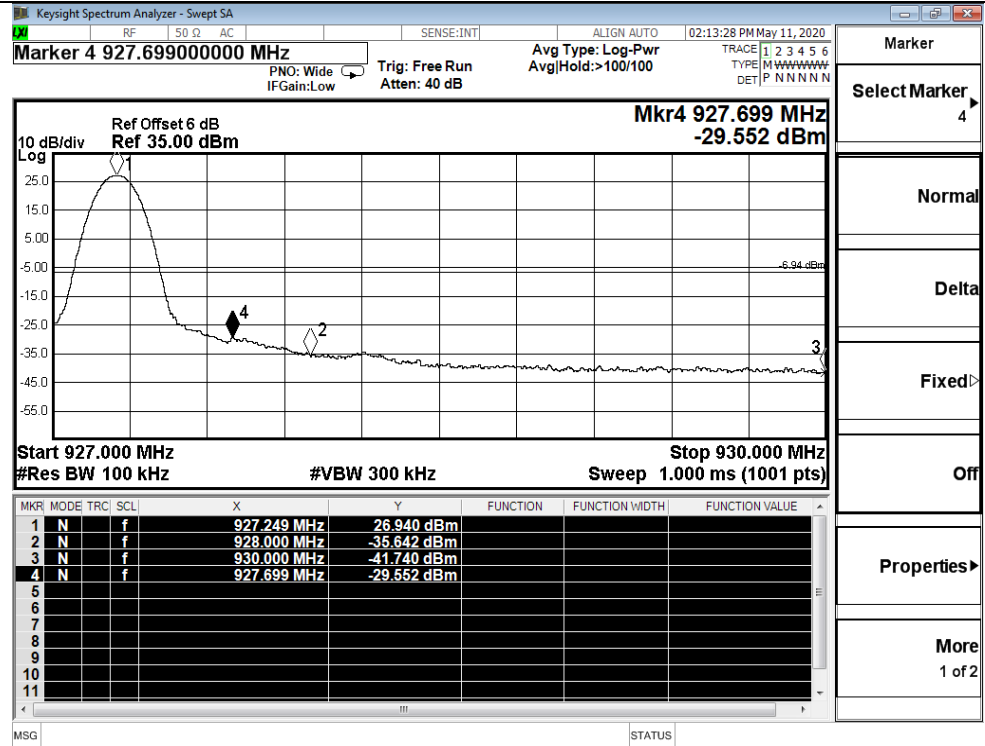
RF ID/LCH/No Hop



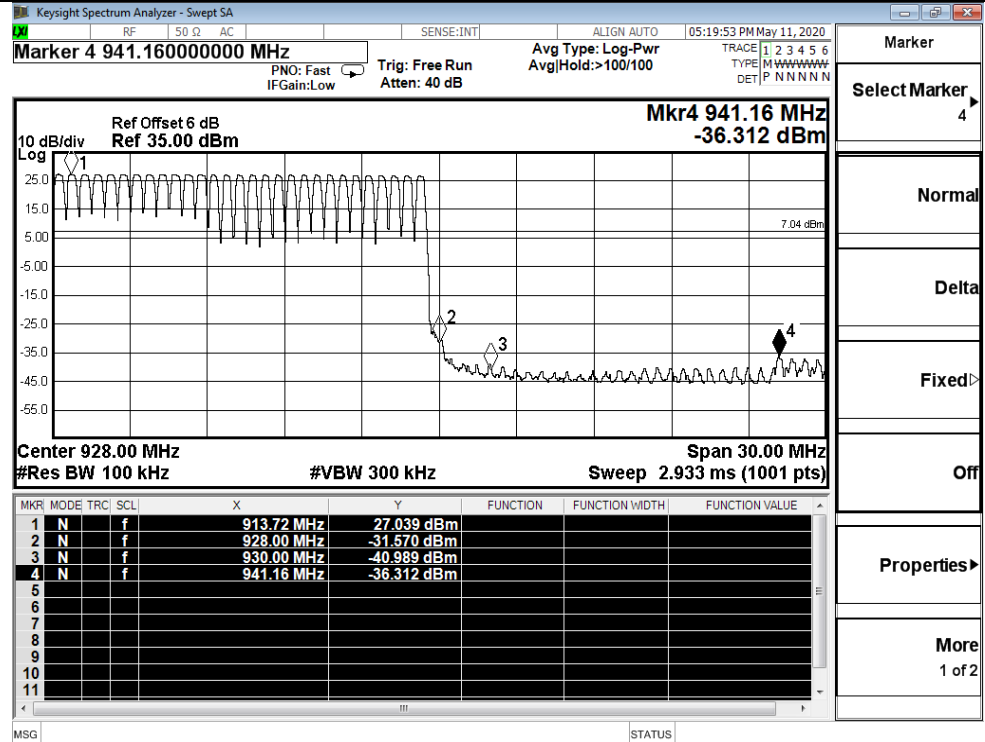
RF ID/LCH/Hop



RF ID/HCH/No Hop

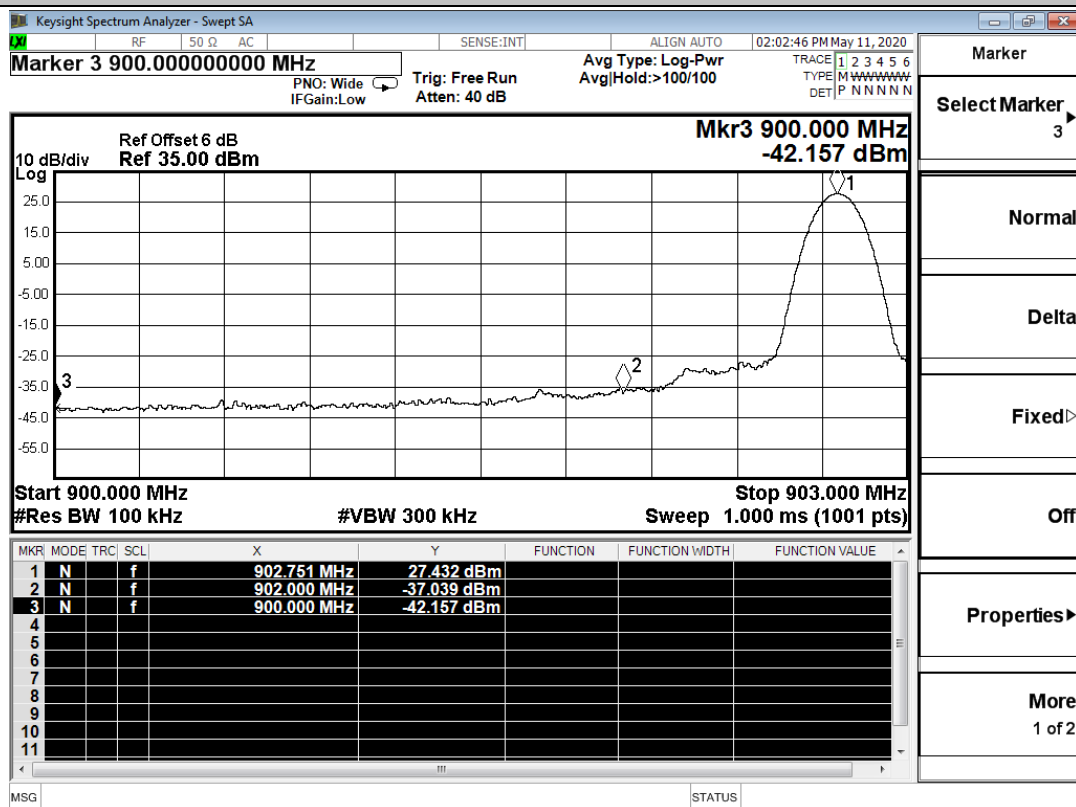


RF ID/HCH/Hop

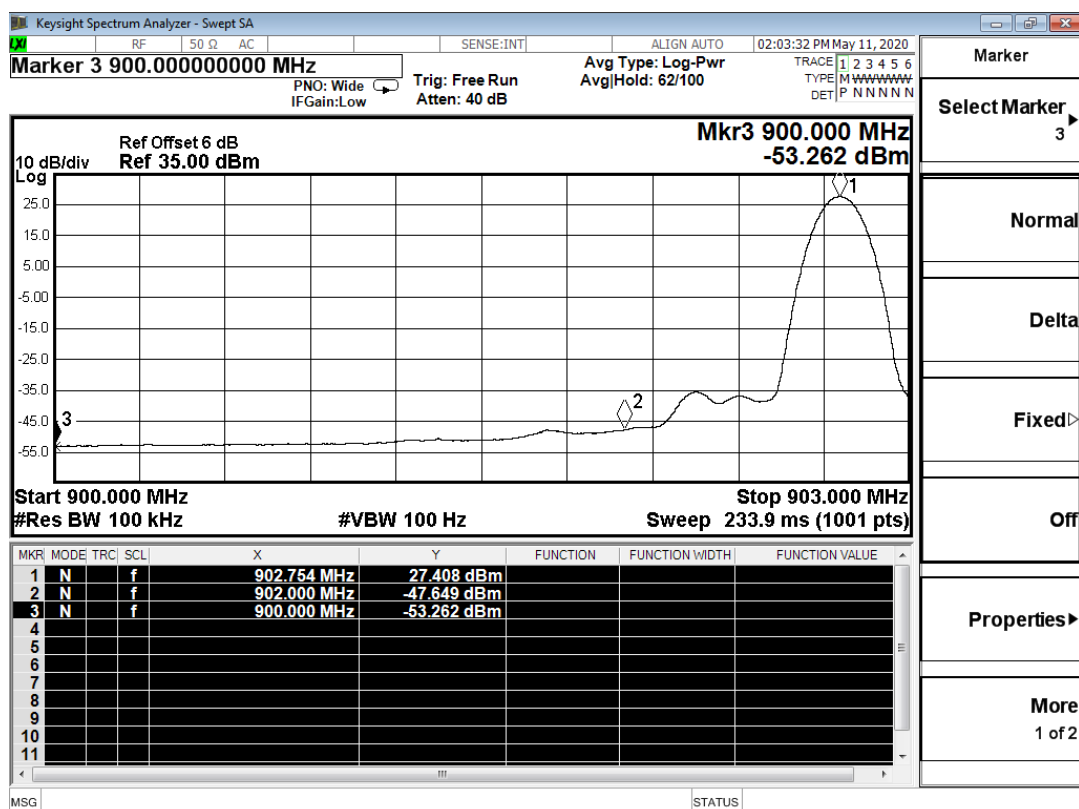


A.8 Restrict-band band-edge measurements

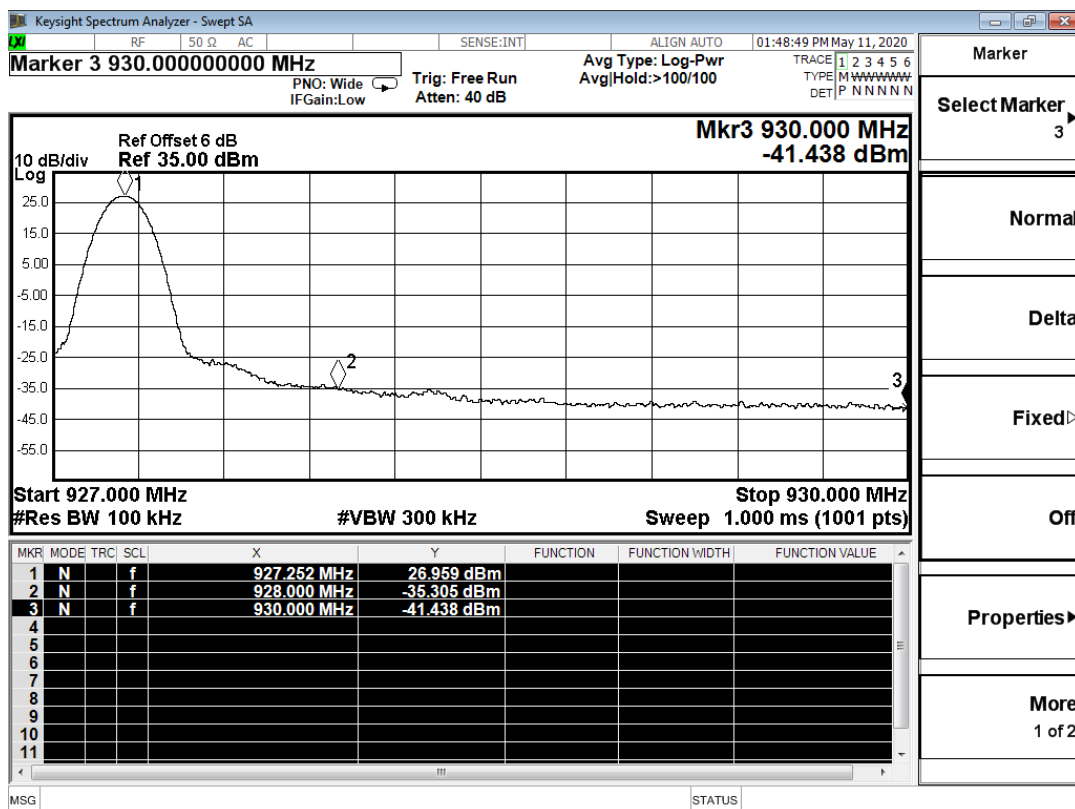
Restrict-band band-edge measurements_Hopping Off_RF ID_PEAK (Low Channel)



Restrict-band band-edge measurements_Hopping Off_RF ID_Average (Low Channel)



Restrict-band band-edge measurements_Hopping Off_ RF ID_PEAK (High Channel)



Restrict-band band-edge measurements_Hopping Off_ RF ID_Average (High Channel)

