

Case No. : <u>GTS20230202009-1-35</u>	
Ambient Condition: <u>25</u> °C, <u>45</u> %RH, Atmos100.1Kpa,	
Test Date: <u>2023.2.23</u>	Test Engineer: <u>Jenny zeng</u>

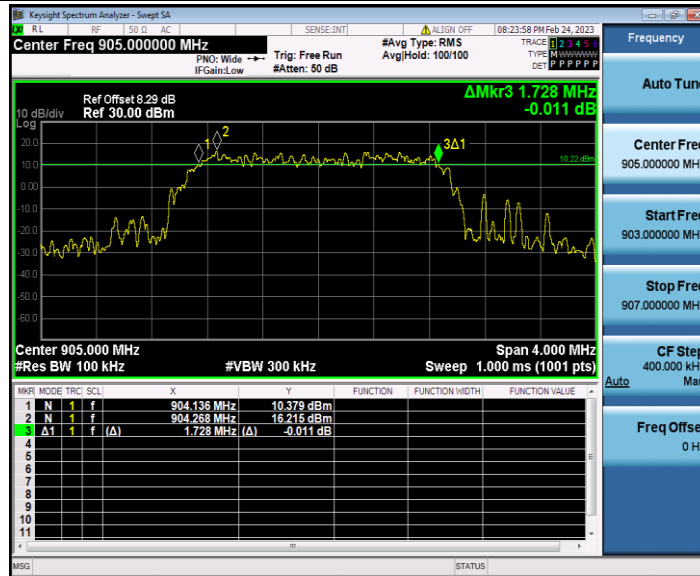
Appendix B.1: DTS Bandwidth

Test Result

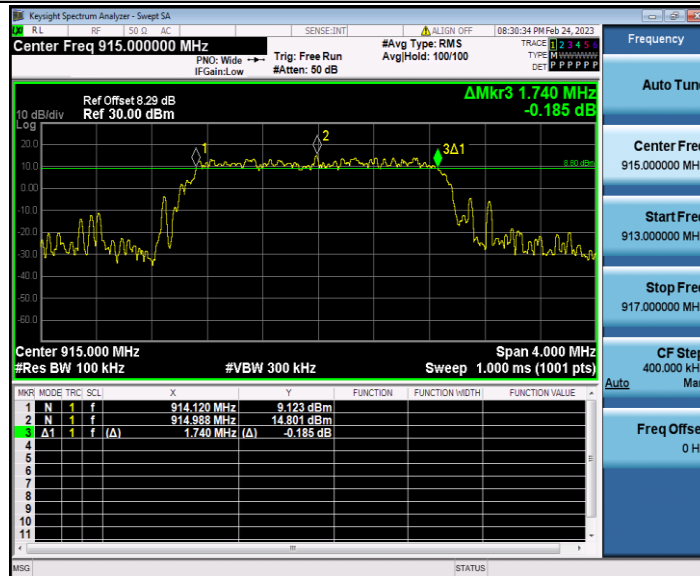
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	905	1.728	904.136	905.864	0.5	PASS
		915	1.740	914.120	915.860	0.5	PASS
		925	1.784	924.088	925.872	0.5	PASS

Test Graphs

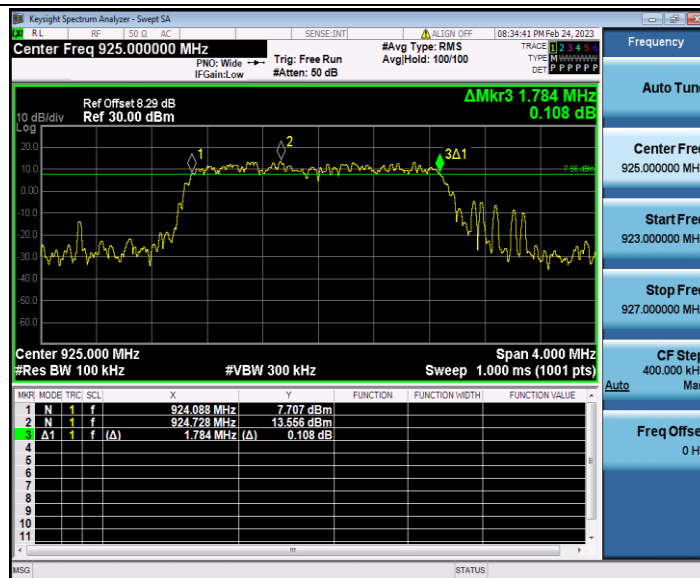
SRD_Ant1_905



SRD_Ant1_915



SRD_Ant1_925



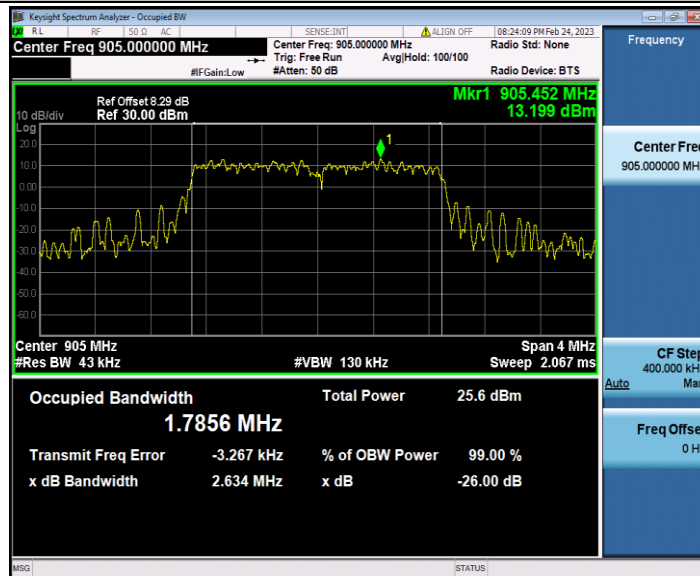
Appendix B.2: Occupied Channel Bandwidth

Test Result

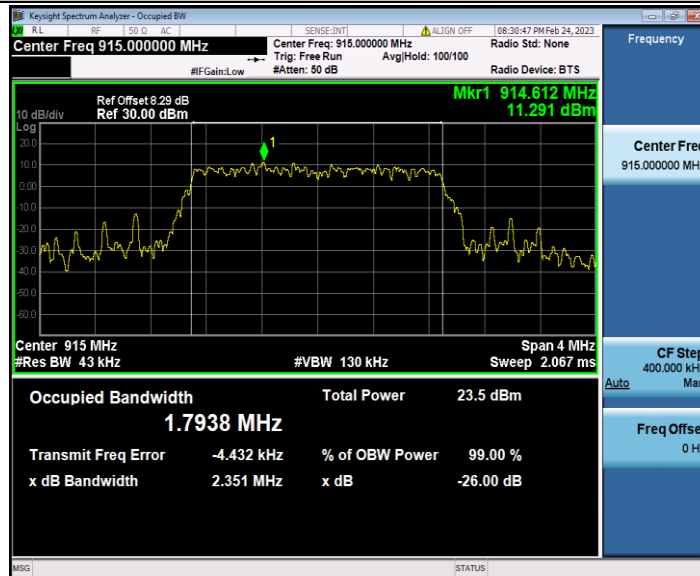
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	905	1.7856	904.104	905.890	---	---
		915	1.7938	914.099	915.892	---	---
		925	1.7937	924.102	925.896	---	---

Test Graphs

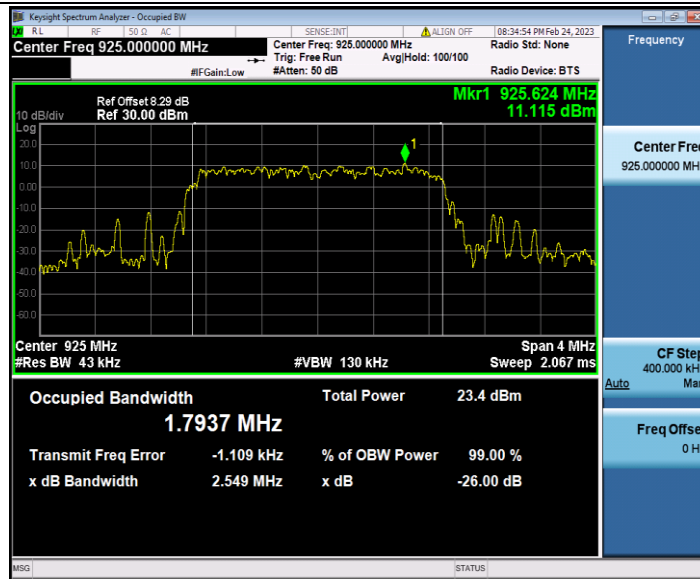
SRD_Ant1_905



SRD_Ant1_915



SRD_Ant1_925



Appendix B.3: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
SRD	Ant1	905	27.89	≤30	PASS
		915	27.23	≤30	PASS
		925	27.55	≤30	PASS

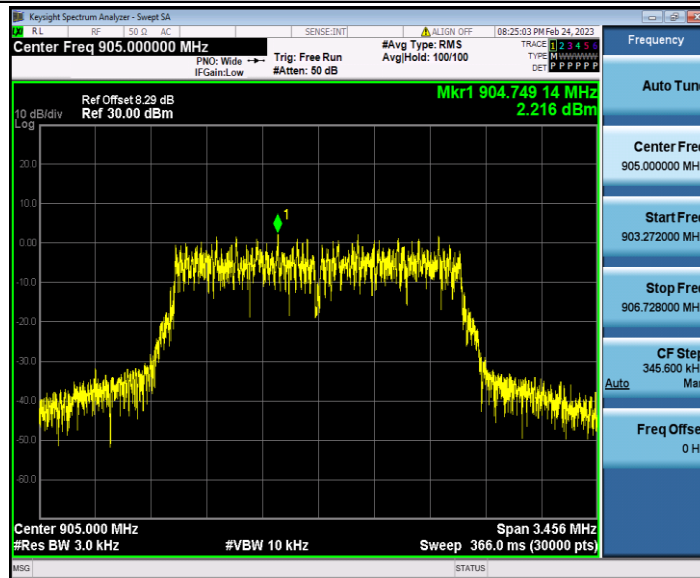
Appendix B.4: Maximum power spectral density

Test Result

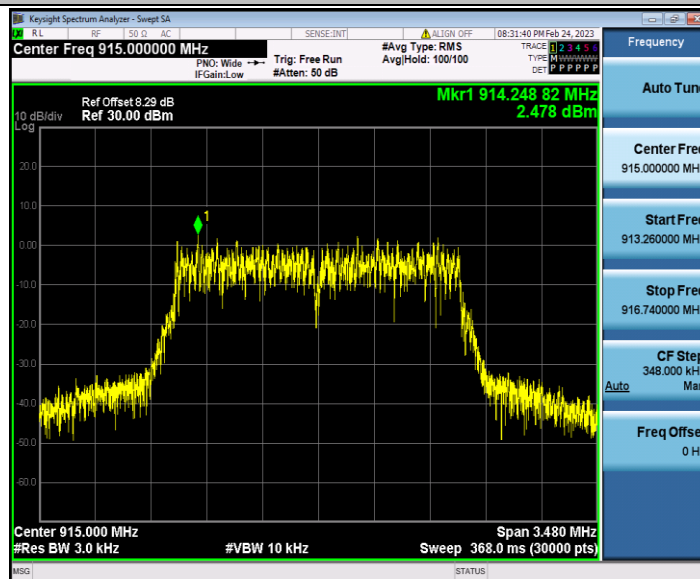
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
SRD	Ant1	905	2.22	≤8	PASS
		915	2.48	≤8	PASS
		925	2.35	≤8	PASS

Test Graphs

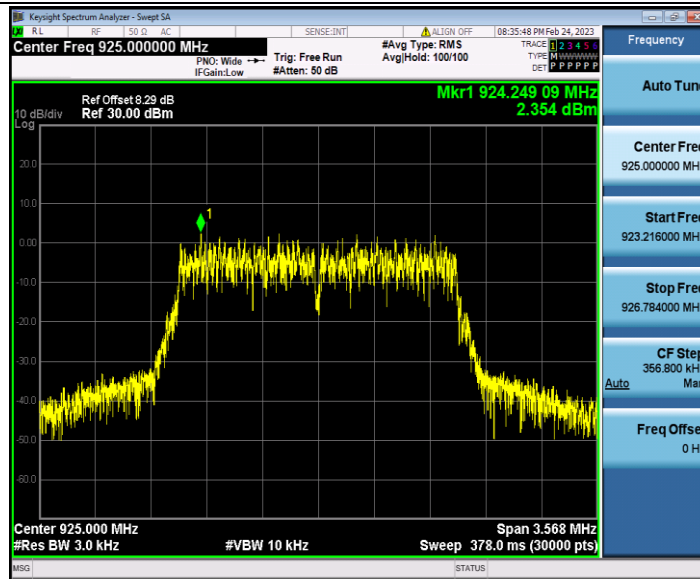
SRD_Ant1_905



SRD_Ant1_915



SRD_Ant1_925



Appendix A.6: Band edge measurements

Test Result

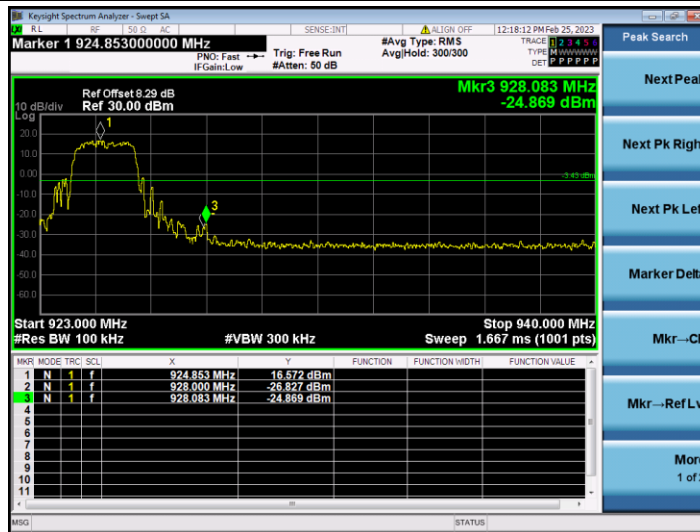
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	Low	905	15.08	-28.88	≤-4.92	PASS
		High	925	16.57	-24.87	≤-3.43	PASS

Test Graphs

SRD_Ant1_Low_905



SRD_Ant1_High_925



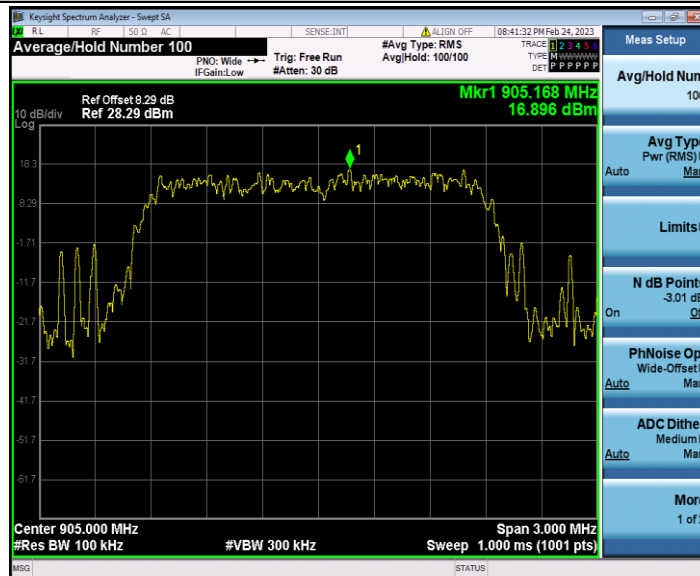
Appendix B.6: Conducted Spurious Emission

Test Result

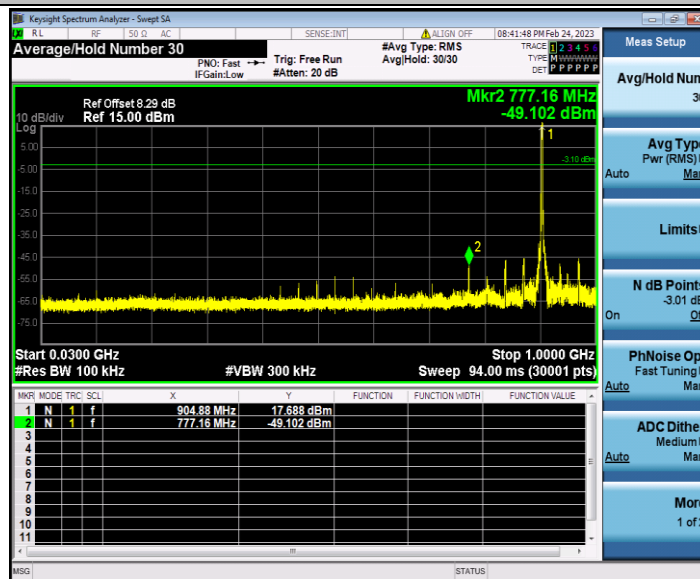
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	905	Reference	16.90	16.90	---	PASS
			30~1000	16.90	-49.1	≤ -3.1	PASS
			1000~26500	16.90	-38.43	≤ -3.1	PASS
		915	Reference	17.76	17.76	---	PASS
			30~1000	17.76	-47.69	≤ -2.24	PASS
			1000~26500	17.76	-36.42	≤ -2.24	PASS
		925	Reference	17.20	17.20	---	PASS
			30~1000	17.20	-48.86	≤ -2.8	PASS
			1000~26500	17.20	-39.03	≤ -2.8	PASS

Test Graphs

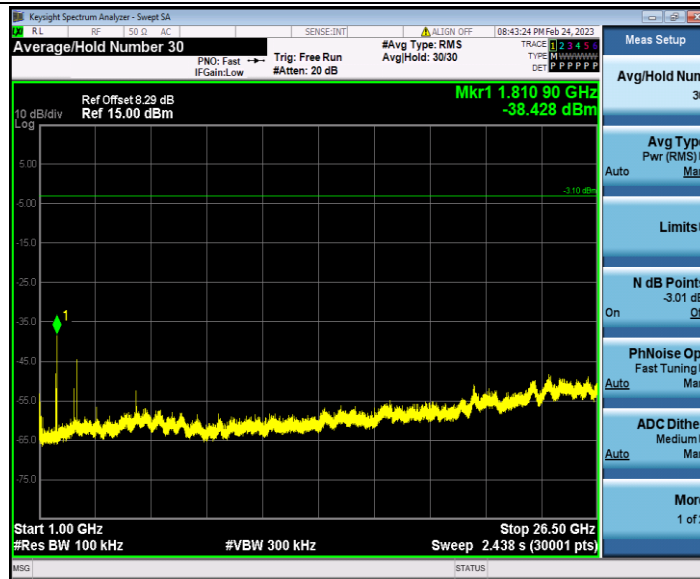
SRD_Ant1_905_0~Reference



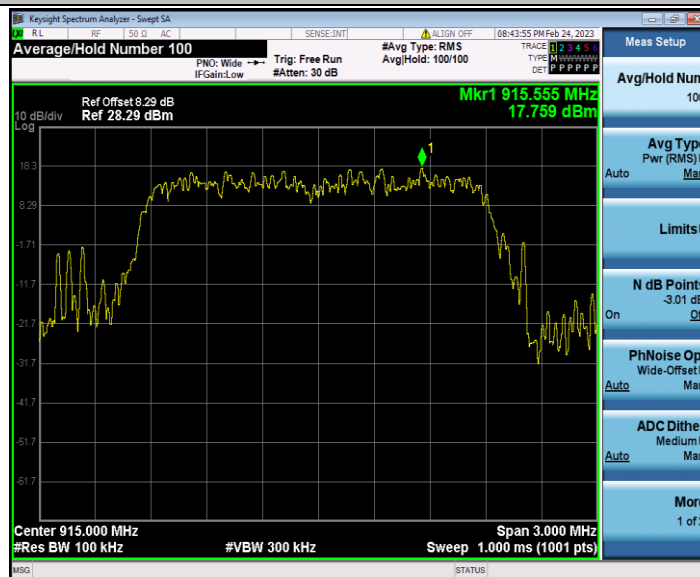
SRD_Ant1_905_30~1000



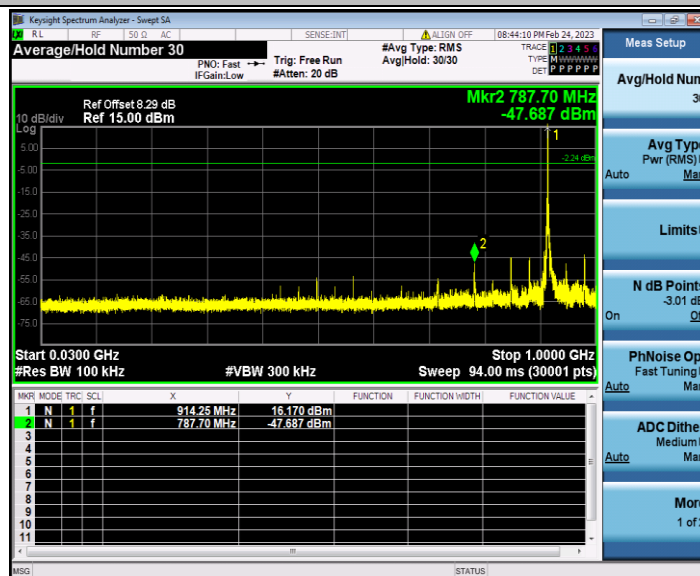
SRD_Ant1_905_1000~26500



SRD_Ant1_915_0~Reference



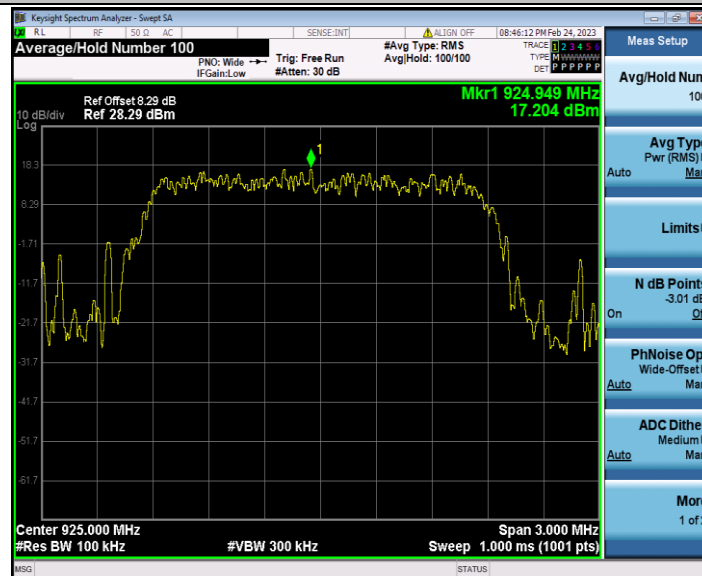
SRD_Ant1_915_30~1000



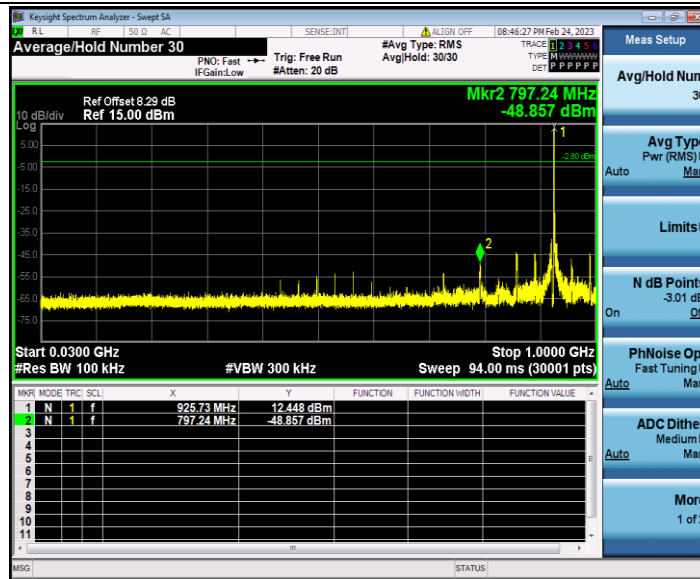
SRD_Ant1_915_1000~26500



SRD_Ant1_925_0~Reference



SRD_Ant1_925_30~1000



SRD_Ant1_925_1000~26500

