

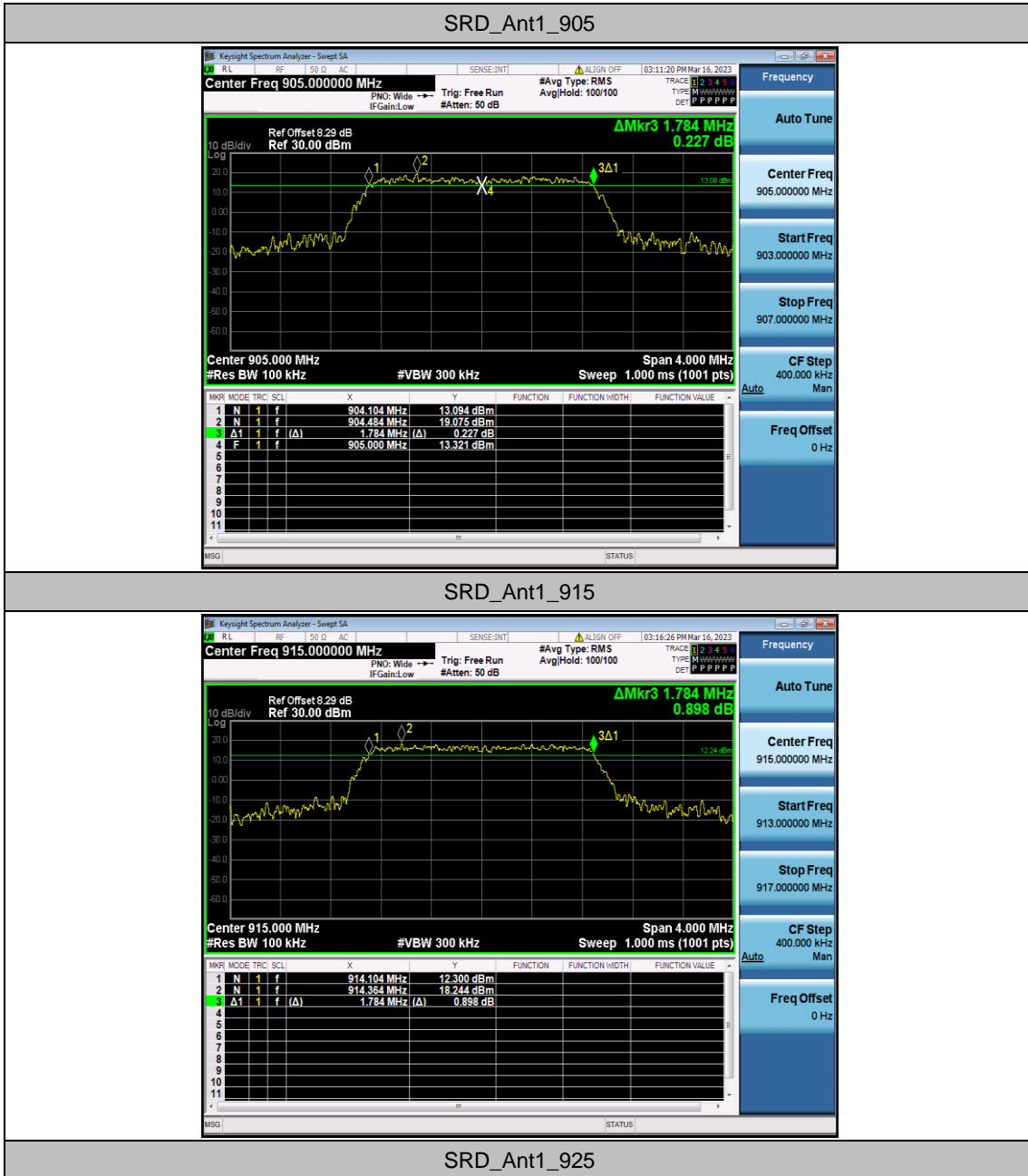
Case No. : <u>GTS20230215013-1-8</u>
Ambient Condition: <u>23</u> °C, <u>54</u> %RH, Atmos100.1Kpa,
Test Date: <u>2023.3.15</u> Test Engineer: <u>Jenny zeng</u>

Appendix A.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	905	1.784	904.104	905.888	0.5	PASS
		915	1.784	914.104	915.888	0.5	PASS
		925	1.764	924.112	925.876	0.5	PASS

Test Graphs



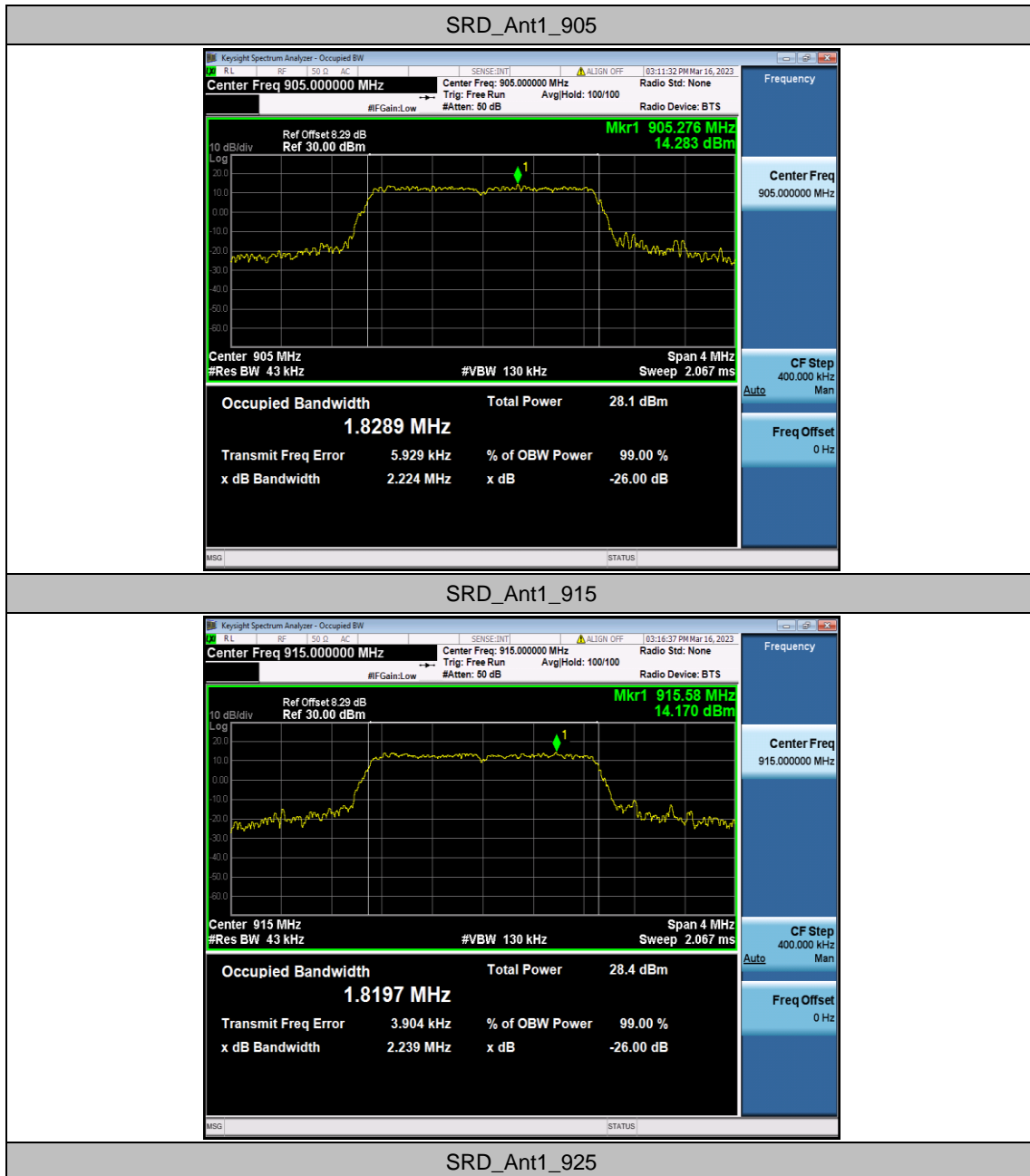


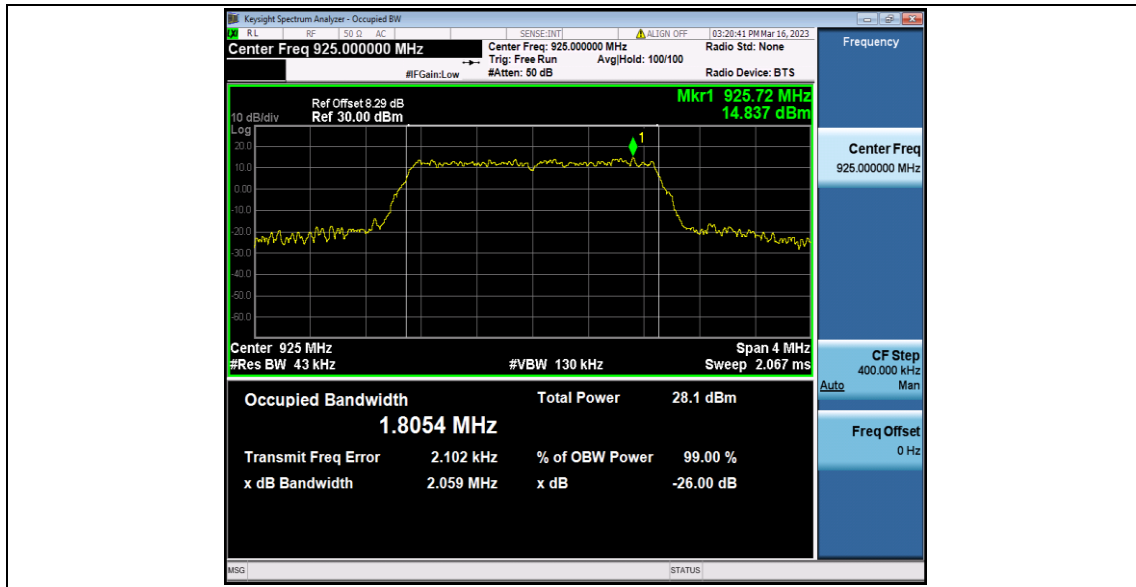
Appendix A.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	905	1.8289	904.091	905.920	---	---
		915	1.8197	914.094	915.914	---	---
		925	1.8054	924.099	925.905	---	---

Test Graphs





Appendix A.3: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
SRD	Ant1	905	27.76	≤30	PASS
		915	27.84	≤30	PASS
		925	27.78	≤30	PASS

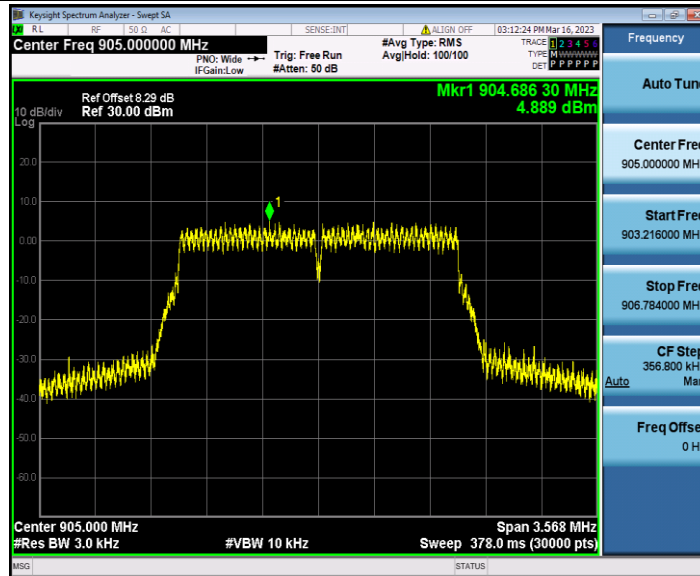
Appendix A.4: Maximum power spectral density

Test Result

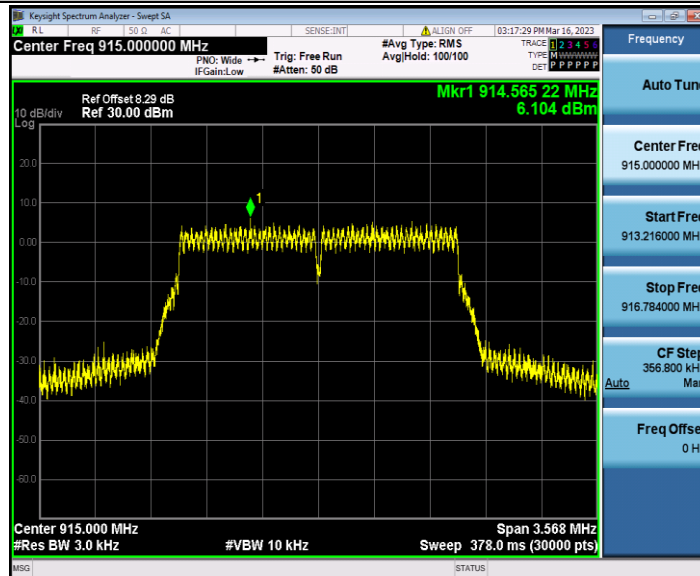
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
SRD	Ant1	905	4.89	≤na	PASS
		915	6.10	≤na	PASS
		925	5.44	≤na	PASS

Test Graphs

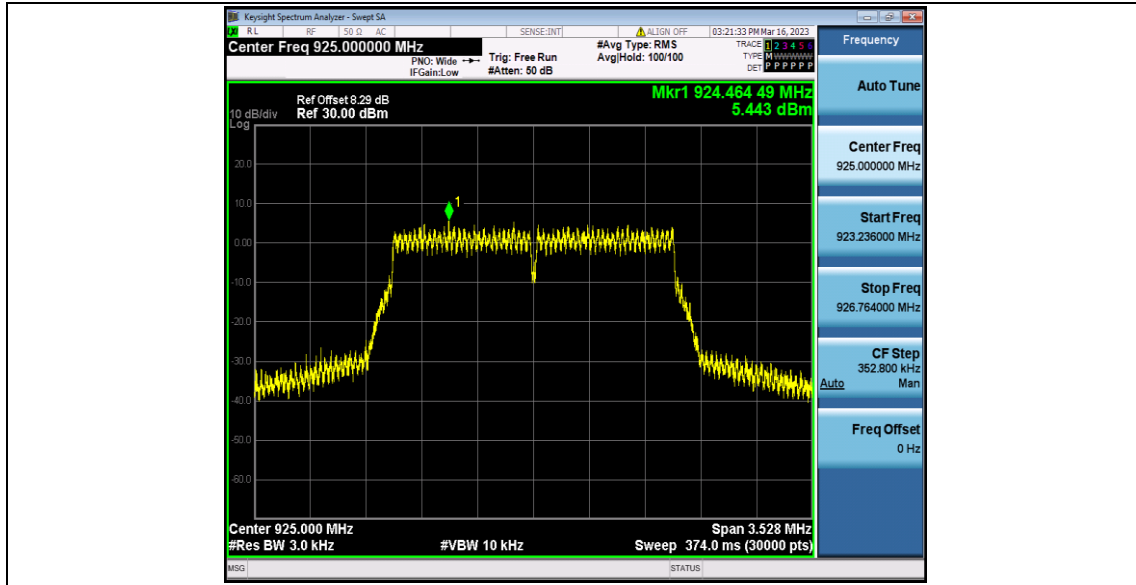
SRD_Ant1_905



SRD_Ant1_915



SRD_Ant1_925



Appendix A.5: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	Low	905	18.34	-25.88	≤ -1.67	PASS
		High	925	18.40	-26.26	≤ -1.6	PASS

Test Graphs



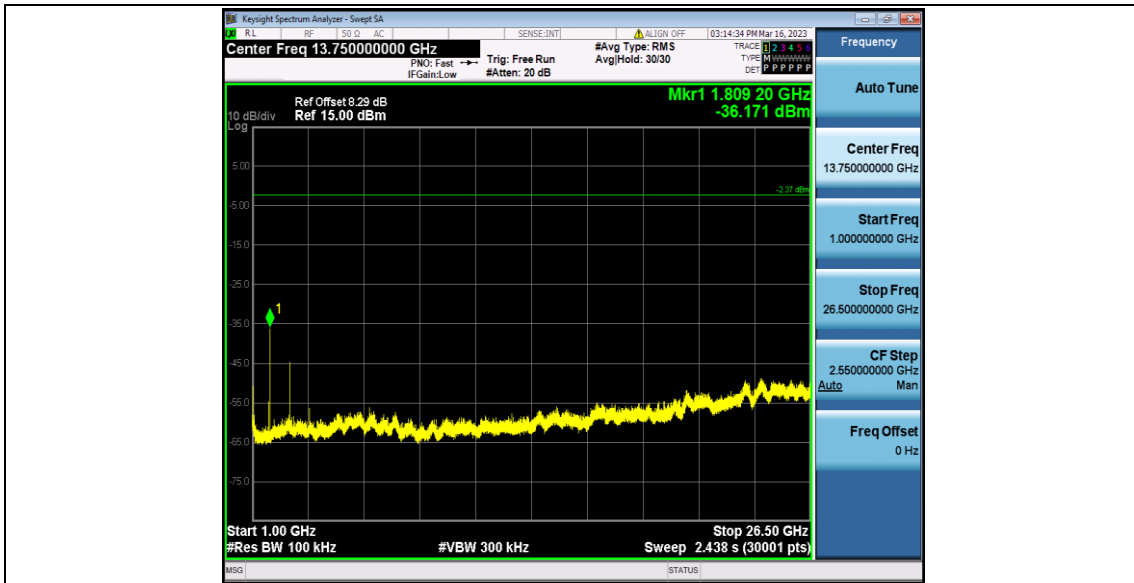
Appendix A.6: Conducted Spurious Emission

Test Result

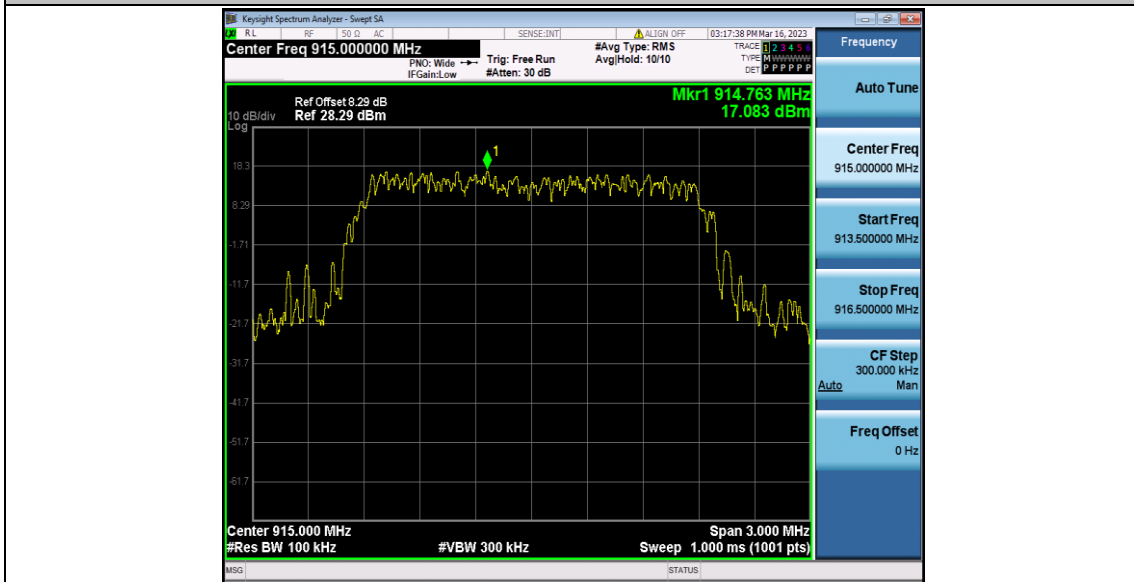
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	905	Reference	17.63	17.63	---	PASS
			30~1000	17.63	-49.07	≤ -2.37	PASS
			1000~26500	17.63	-36.17	≤ -2.37	PASS
		915	Reference	17.08	17.08	---	PASS
			30~1000	17.08	-49.58	≤ -2.92	PASS
			1000~26500	17.08	-36.58	≤ -2.92	PASS
		925	Reference	17.64	17.64	---	PASS
			30~1000	17.64	-49.48	≤ -2.36	PASS
			1000~26500	17.64	-37.85	≤ -2.36	PASS

Test Graphs

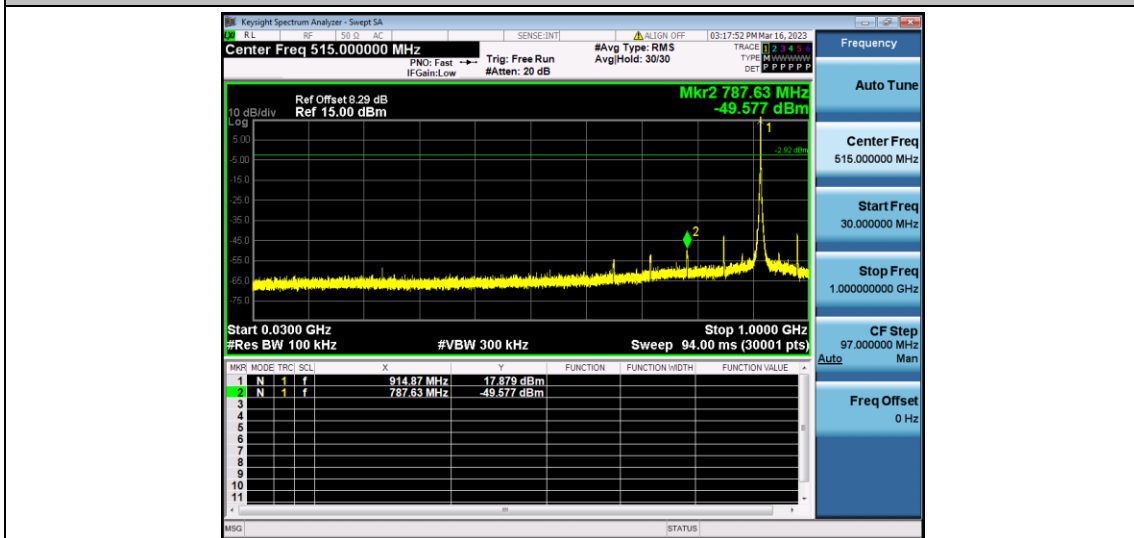




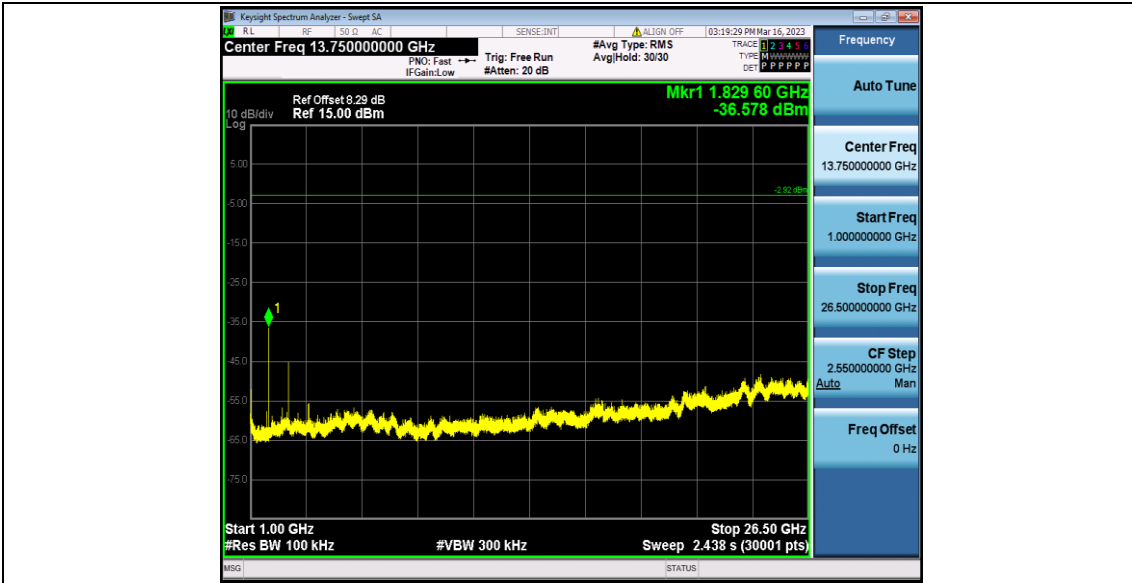
SRD_Ant1_915_0~Reference



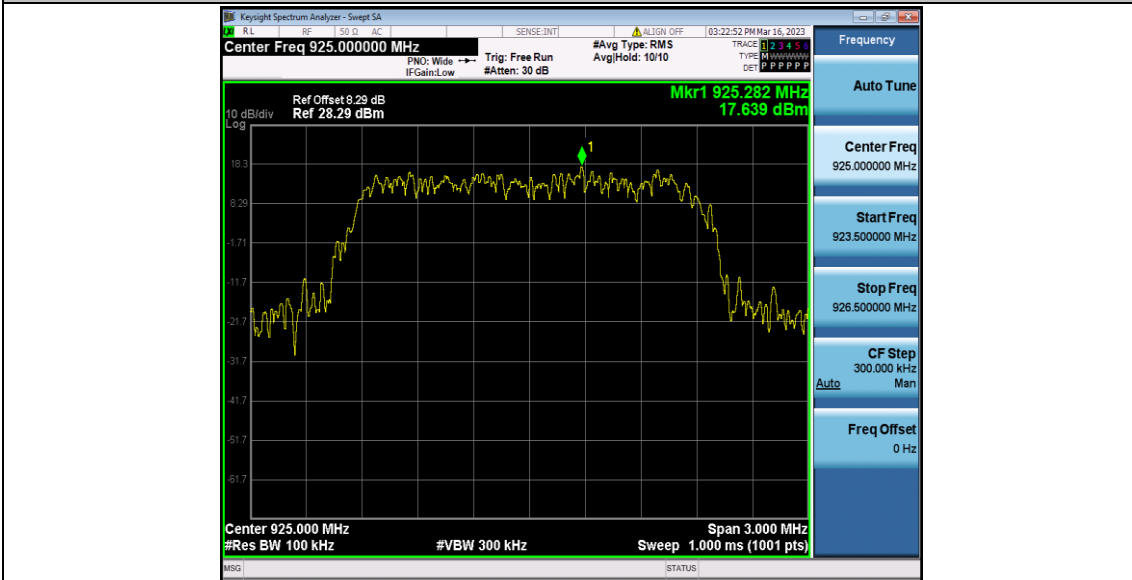
SRD_Ant1_915_30~1000



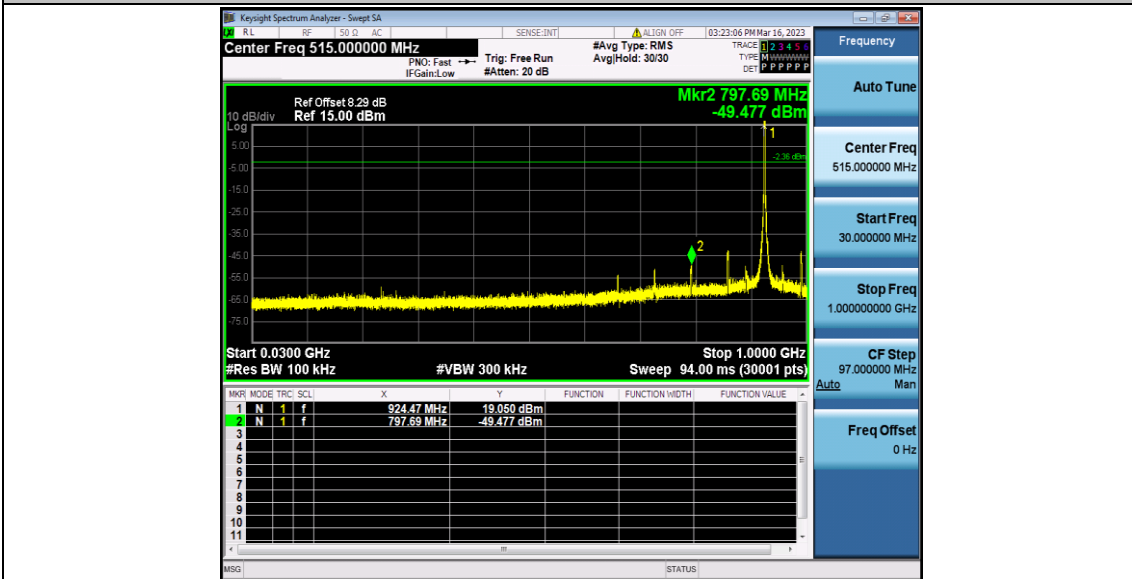
SRD_Ant1_915_1000~26500



SRD_Ant1_925_0~Reference



SRD_Ant1_925_30~1000



SRD_Ant1_925_1000~26500

