

Case No. : <u>GTS20230227015-1-26</u>	
Ambient Condition: <u>23</u> °C, <u>49</u> %RH, Atmos100.1Kpa,	
Test Date: <u>2023.6.1</u>	Test Engineer: <u>Jenny zeng</u>

Appendix B.1: DTS Bandwidth

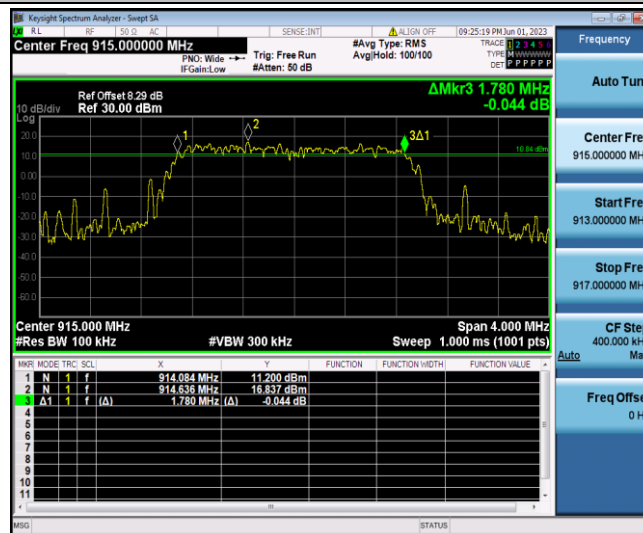
Test Result

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	905	1.816	904.092	905.908	0.5	PASS
		915	1.780	914.084	915.864	0.5	PASS
		925	1.736	924.136	925.872	0.5	PASS

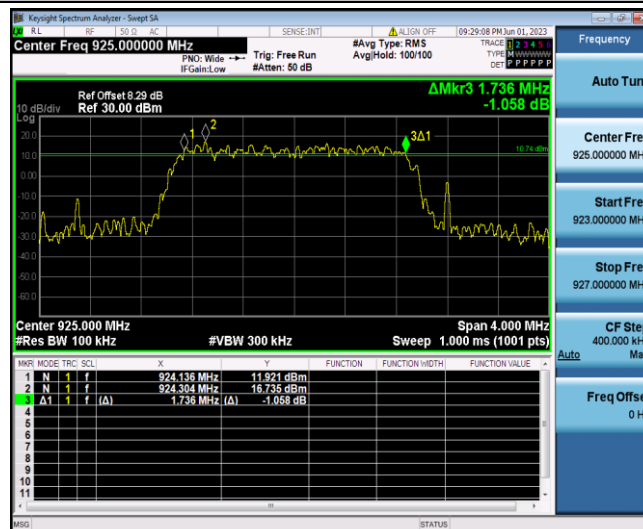
Test Graphs



SRD_Ant1_905



SRD_Ant1_915



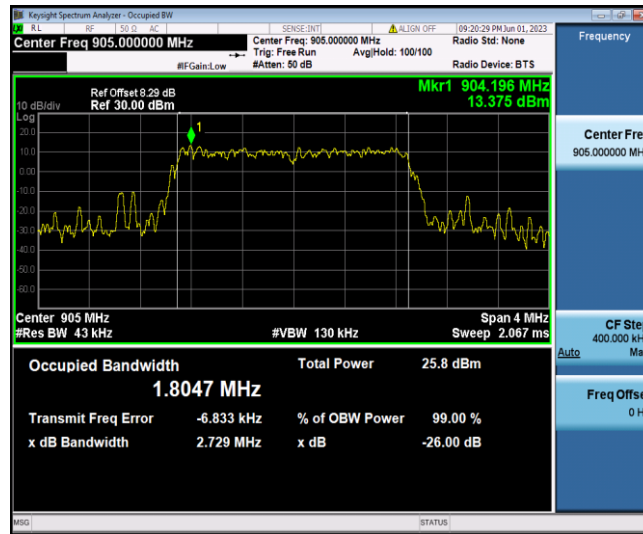
SRD_Ant1_925

Appendix B.2: Occupied Channel Bandwidth

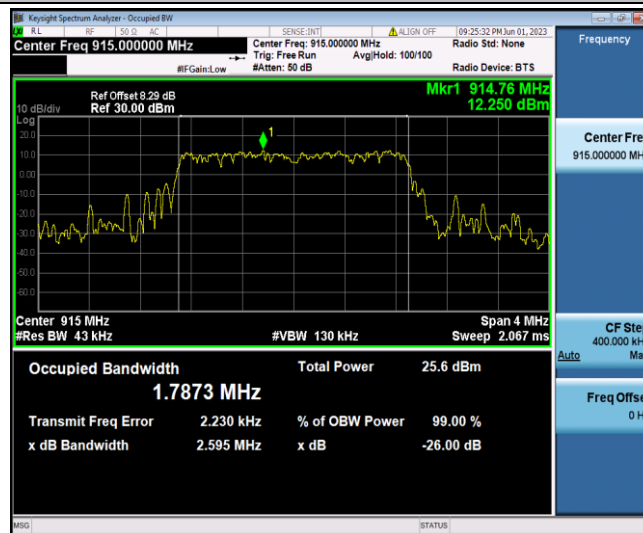
Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	905	1.8047	904.091	905.896	---	---
		915	1.7873	914.109	915.896	---	---
		925	1.7982	924.103	925.901	---	---

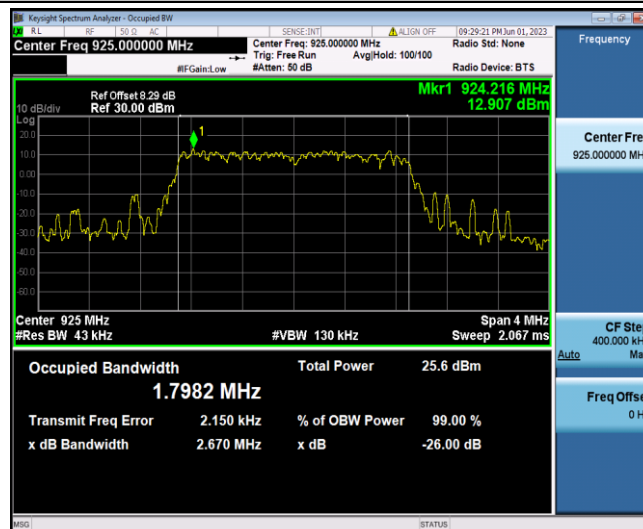
Test Graphs



SRD_Ant1_905



SRD_Ant1_915



SRD_Ant1_925

Appendix B.3: Maximum conducted output power

Test Result Peak

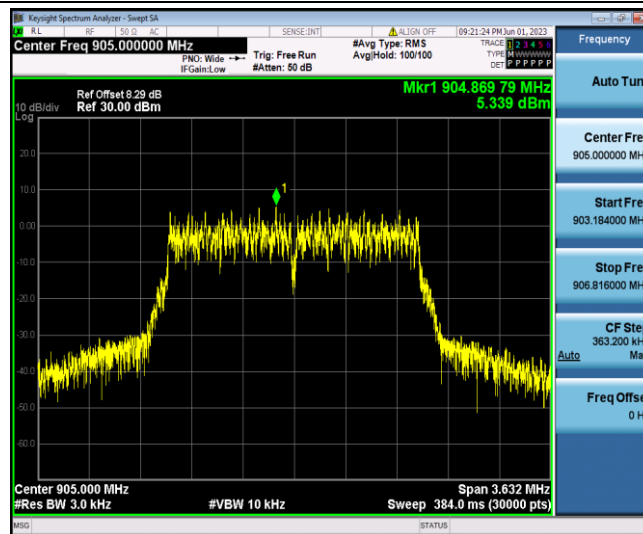
Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
SRD	Ant1	905	28.49	≤30	PASS
		915	28.60	≤30	PASS
		925	28.68	≤30	PASS

Appendix B.4: Maximum power spectral density

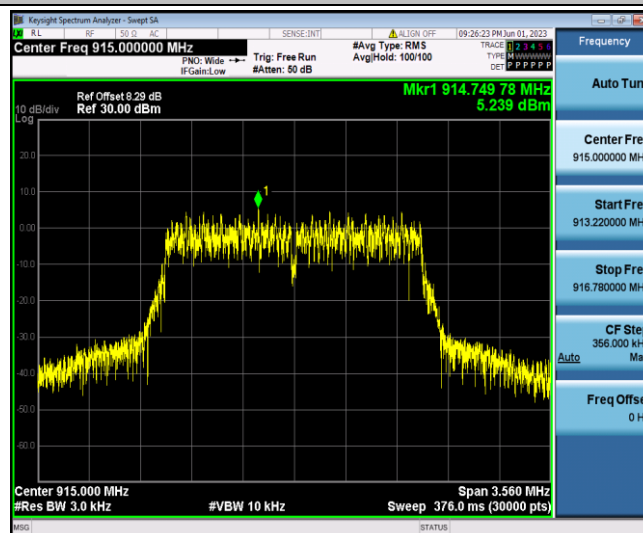
Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
SRD	Ant1	905	5.34	≤8	PASS
		915	5.24	≤8	PASS
		925	4.87	≤8	PASS

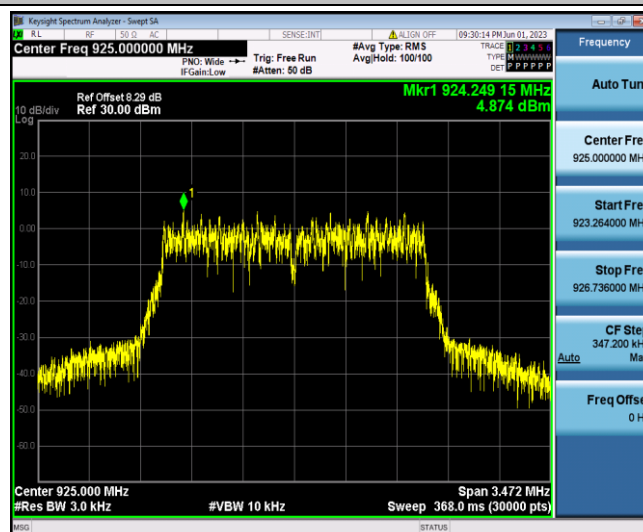
Test Graphs



SRD_Ant1_905



SRD_Ant1_915



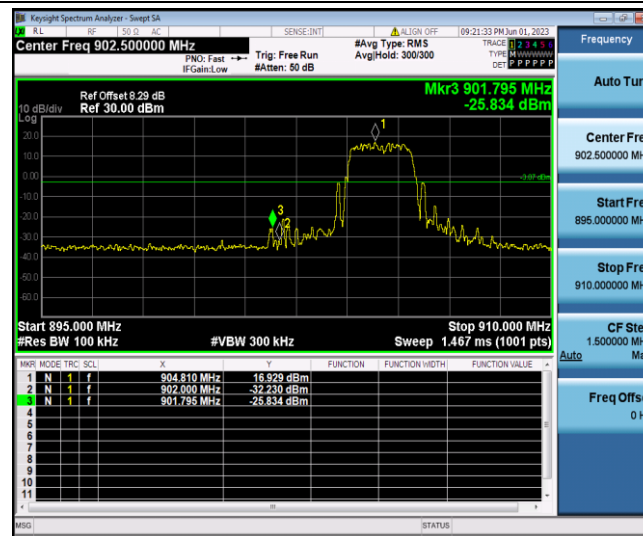
SRD_Ant1_925

Appendix B.5: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	Low	905	16.93	-25.83	≤-3.07	PASS
		High	925	16.91	-26.1	≤-3.09	PASS

Test Graphs



SRD_Ant1_Low_905



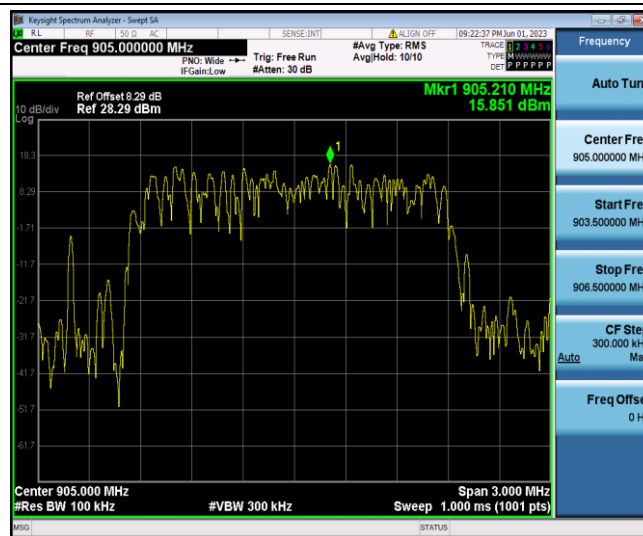
SRD_Ant1_High_925

Appendix B.6: Conducted Spurious Emission

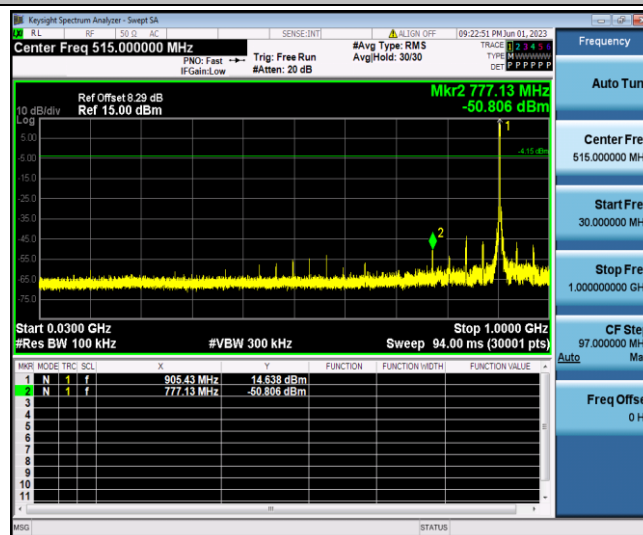
Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	905	Reference	15.85	15.85	---	PASS
			30~1000	15.85	-50.81	≤ -4.15	PASS
			1000~26500	15.85	-39.35	≤ -4.15	PASS
		915	Reference	17.49	17.49	---	PASS
			30~1000	17.49	-51.55	≤ -2.51	PASS
			1000~26500	17.49	-39.15	≤ -2.51	PASS
		925	Reference	16.60	16.60	---	PASS
			30~1000	16.60	-50.9	≤ -3.4	PASS
			1000~26500	16.60	-37.87	≤ -3.4	PASS

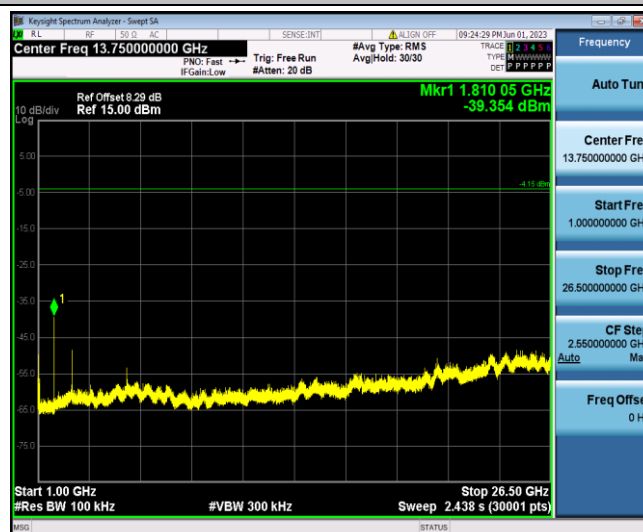
Test Graphs



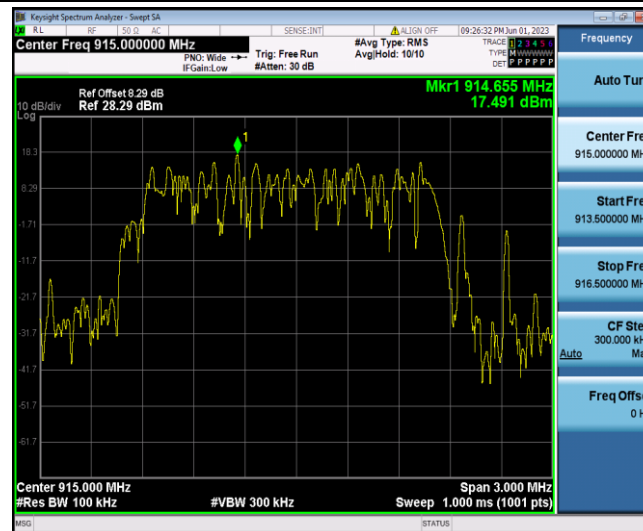
SRD_Ant1_905_0~Reference



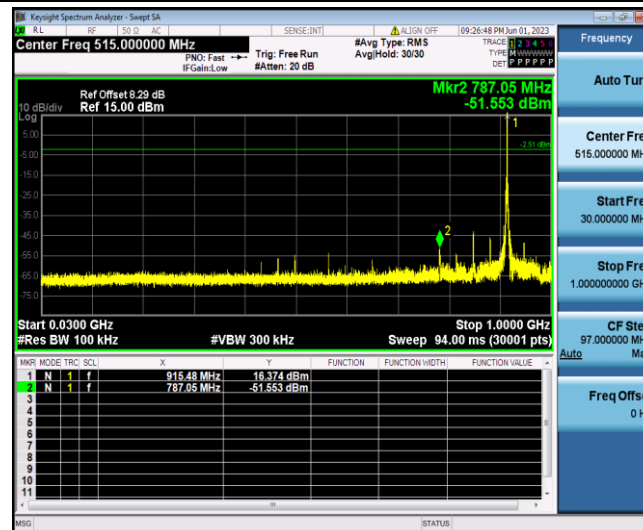
SRD_Ant1_905_30~1000



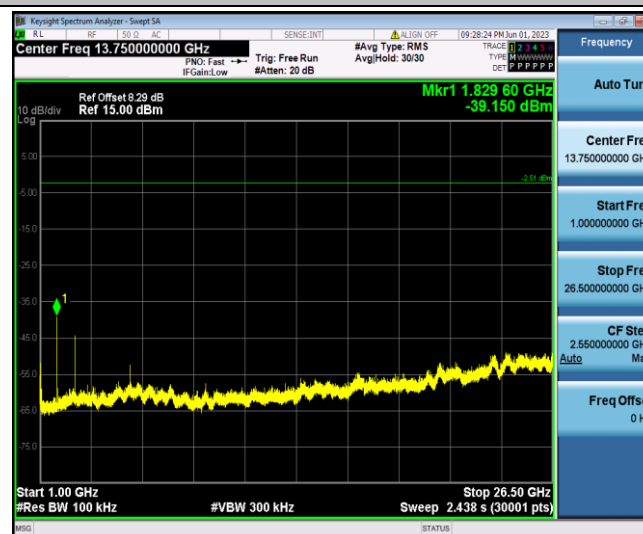
SRD_Ant1_905_1000~26500



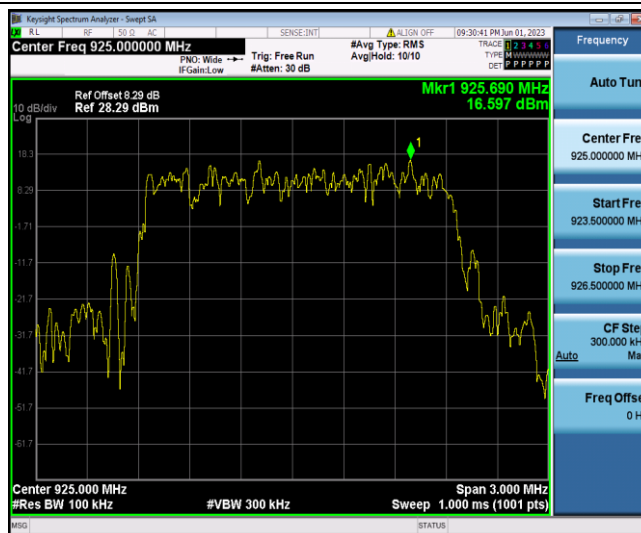
SRD_Ant1_915_0~Reference



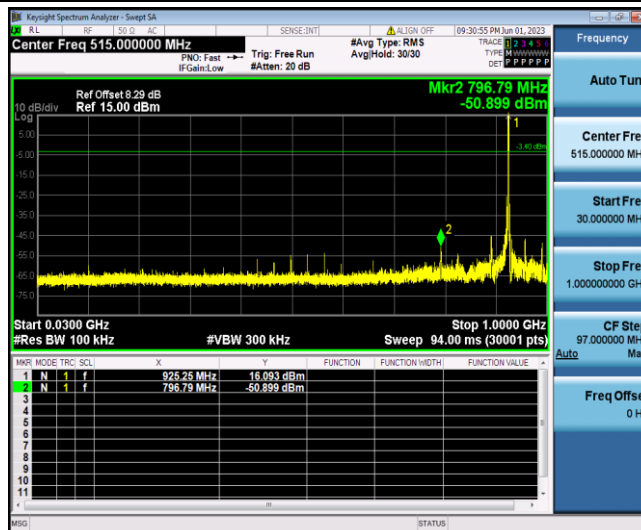
SRD_Ant1_915_30~1000



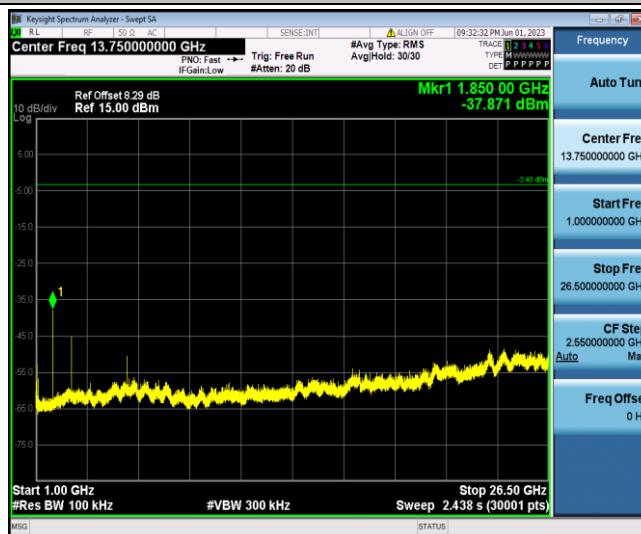
SRD_Ant1_915_1000~26500



SRD_Ant1_925_0~Reference



SRD_Ant1_925_30~1000



SRD_Ant1_925_1000~26500