

Case No. : <u>GTS20220930008-1-27</u>	
Ambient Condition: <u>26</u> °C, <u>50</u> %RH, Atmos100.1Kpa,	
Test Date: <u>2022.11.24</u>	Test Engineer: <u>Jenny zeng</u>

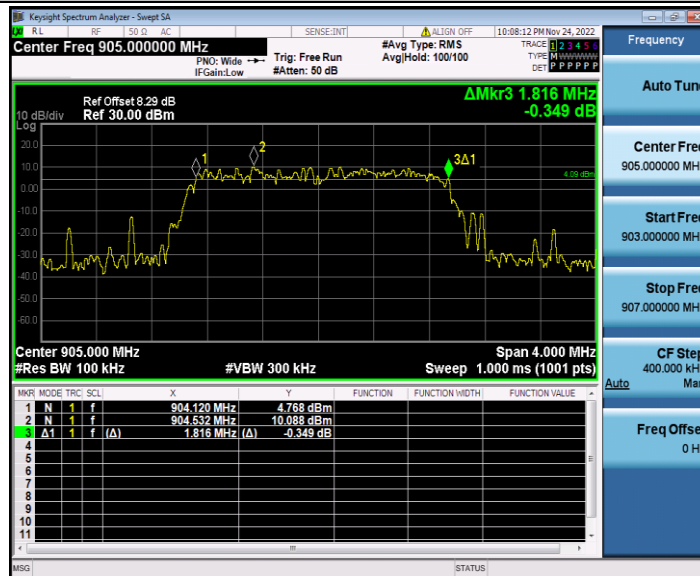
Appendix B.1: DTS Bandwidth

Test Result

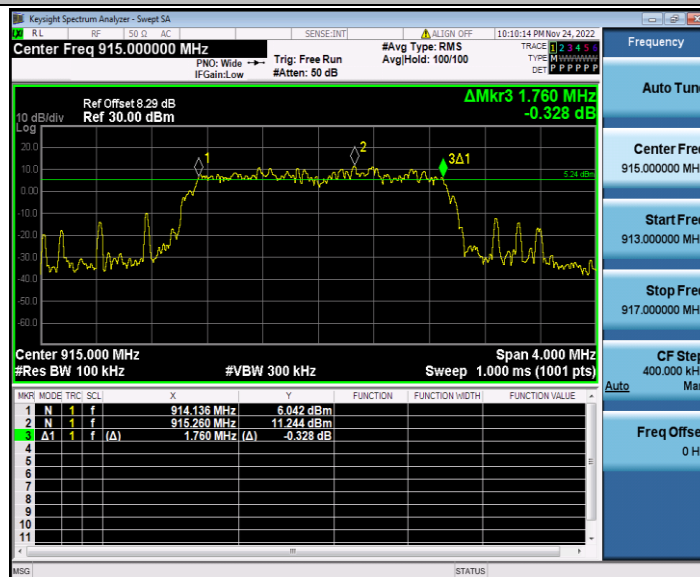
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	905	1.816	904.120	905.936	0.5	PASS
		915	1.760	914.136	915.896	0.5	PASS
		925	1.712	924.176	925.888	0.5	PASS

Test Graphs

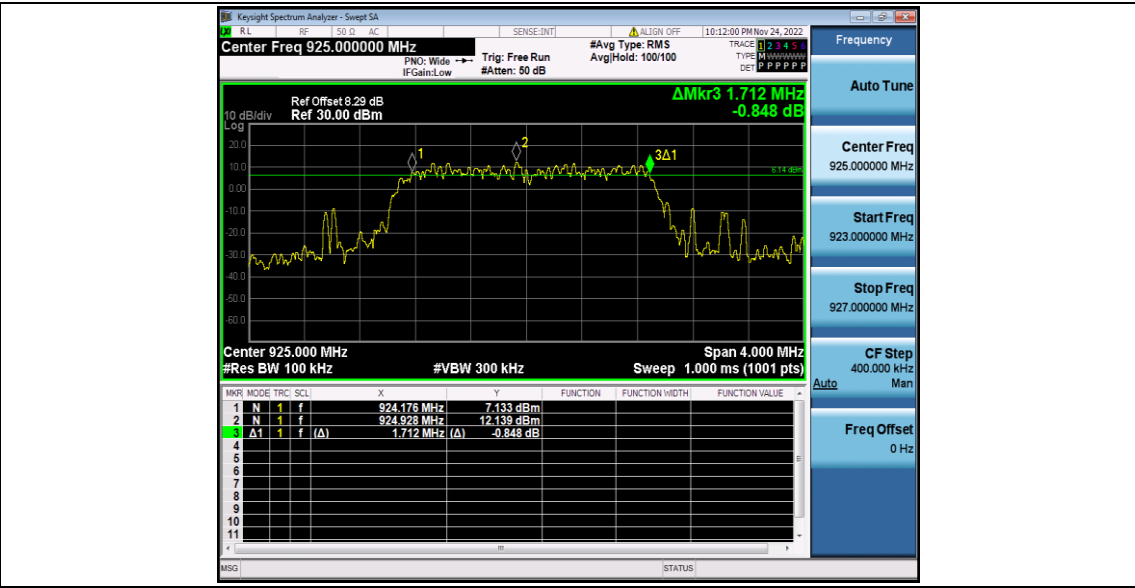
SRD_Ant1_905



SRD_Ant1_915



SRD_Ant1_925



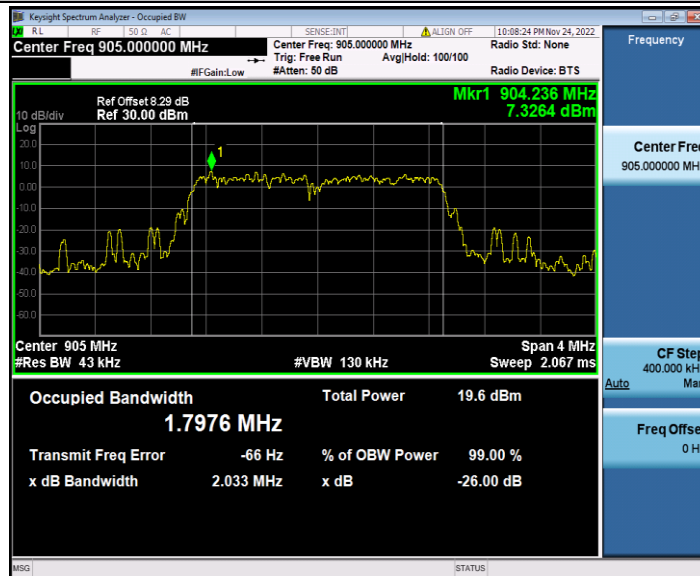
Appendix B.2: Occupied Channel Bandwidth

Test Result

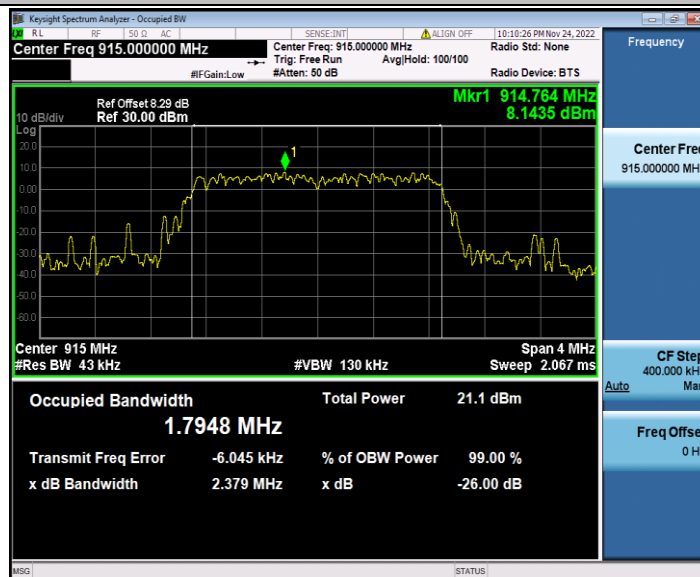
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	905	1.7976	904.101	905.899	---	---
		915	1.7948	914.097	915.891	---	---
		925	1.7958	924.099	925.895	---	---

Test Graphs

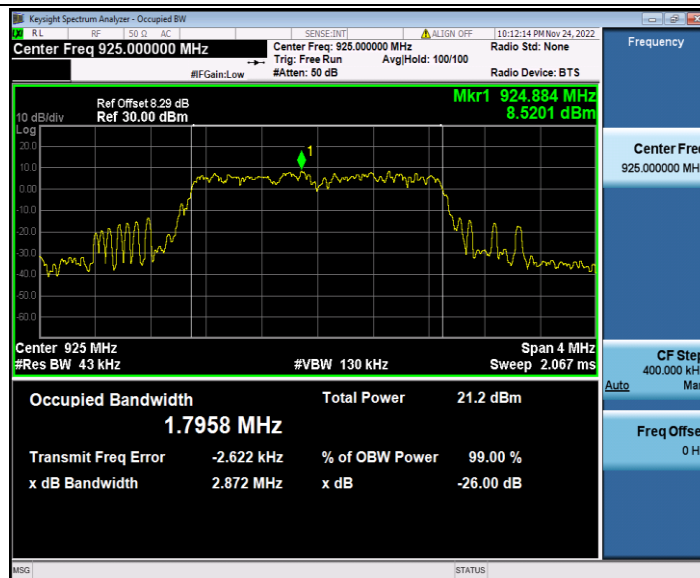
SRD_Ant1_905



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	27.11	≤30	PASS
		915	27.28	≤30	PASS
		925	27.16	≤30	PASS

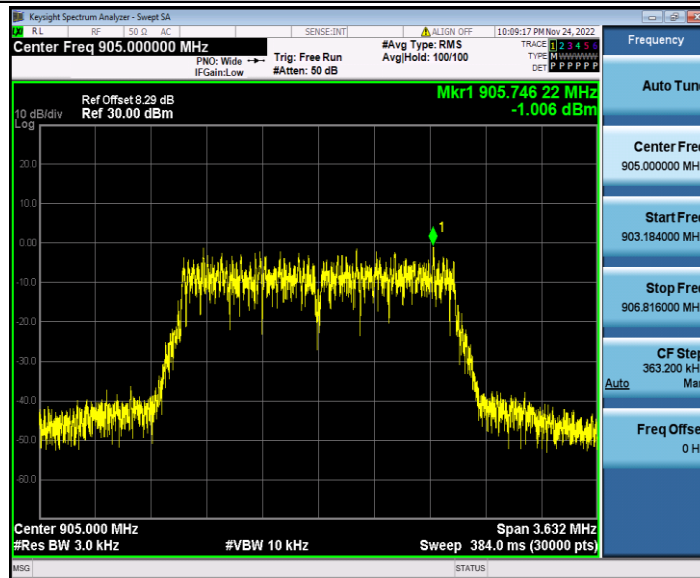
Appendix B.4: Maximum power spectral density

Test Result

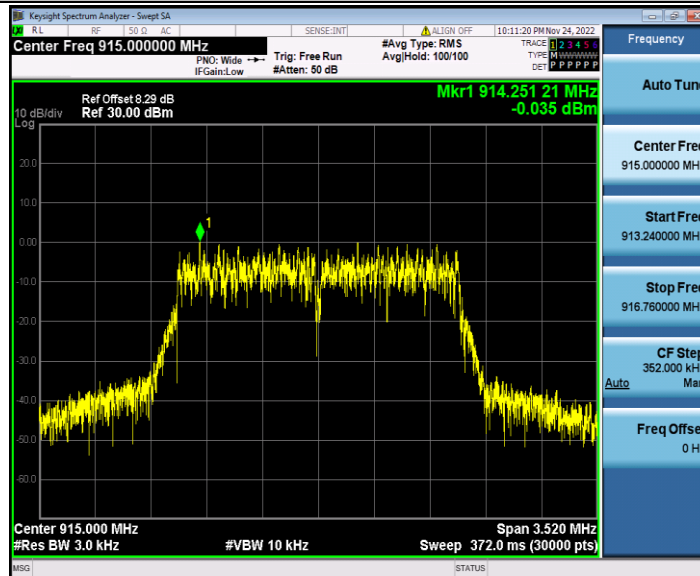
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
SRD	Ant1	905	-1.01	≤8.00	PASS
		915	-0.04	≤8.00	PASS
		925	0.39	≤8.00	PASS

Test Graphs

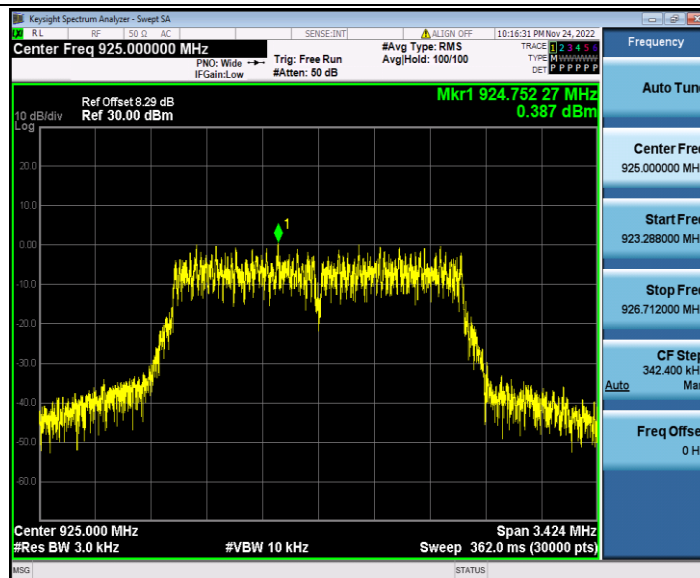
SRD_Ant1_905



SRD_Ant1_915



SRD_Ant1_925



Appendix B.5: Band edge measurements

Test Result

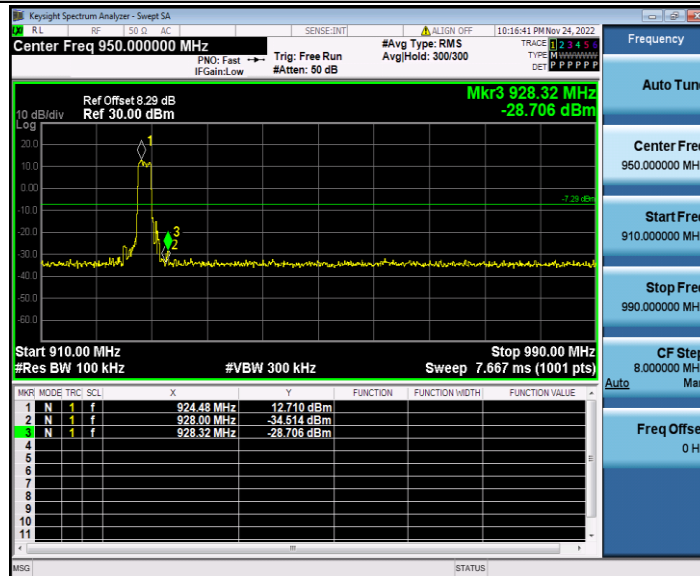
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	Low	905	10.94	-33.4	≤-9.06	PASS
		High	925	12.71	-28.71	≤-7.29	PASS

Test Graphs

SRD_Ant1_Low_905



SRD_Ant1_High_925



Appendix B.6: Conducted Spurious Emission

Test Result

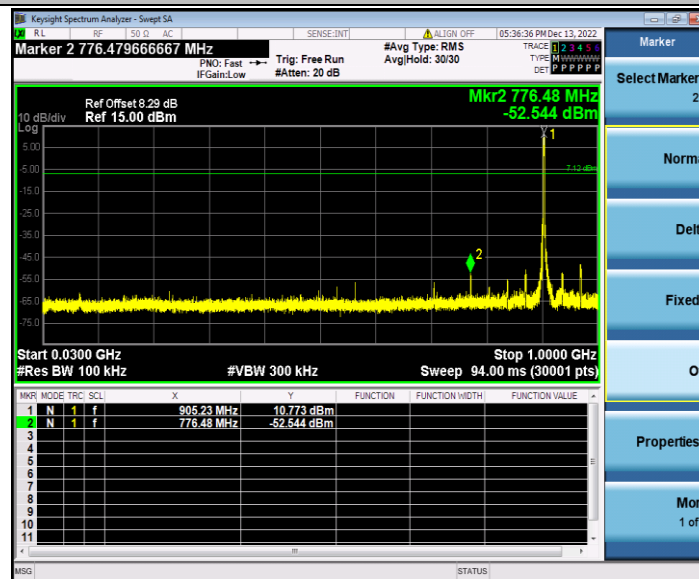
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	905	Reference	12.88	12.88	---	PASS
			30~1000	12.88	-52.54	≤-7.12	PASS
			1000~26500	12.88	-42.98	≤-7.12	PASS
		915	Reference	13.51	13.51	---	PASS
			30~1000	13.51	-57.63	≤-6.49	PASS
			1000~26500	13.51	-45.67	≤-6.49	PASS
		925	Reference	13.24	13.24	---	PASS
			30~1000	13.24	-54.38	≤-6.76	PASS
			1000~26500	13.24	-44.83	≤-6.76	PASS

Test Graphs

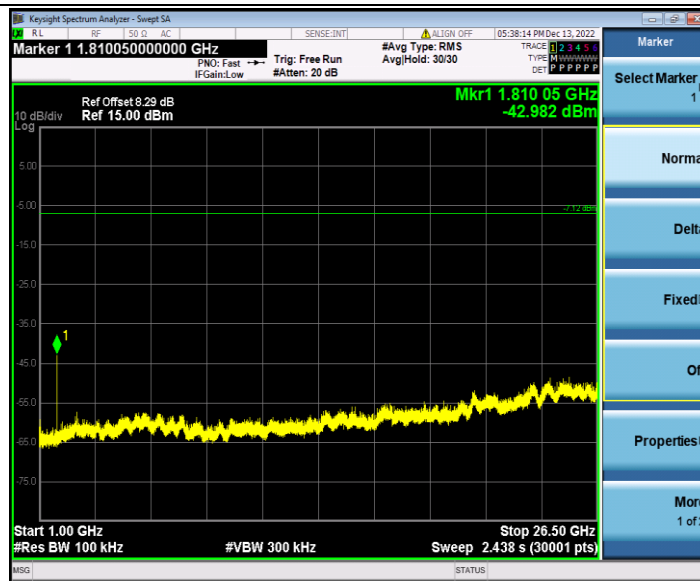
SRD_Ant1_905_0~Reference



SRD_Ant1_905_30~1000



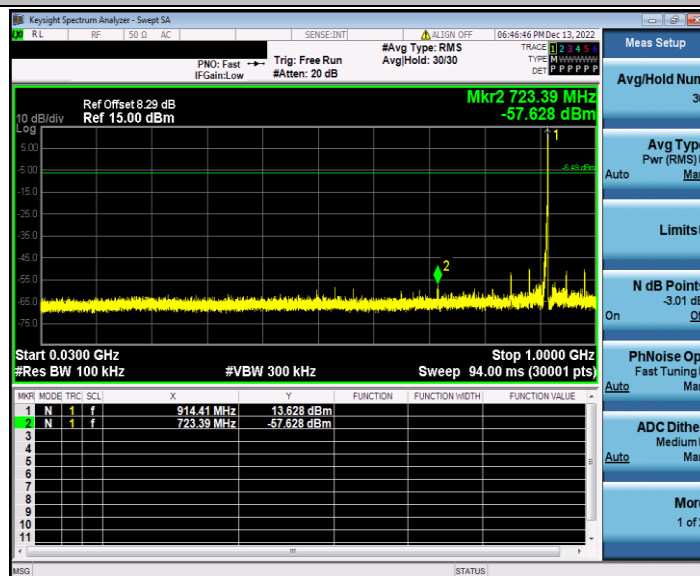
SRD_Ant1_905_1000~26500



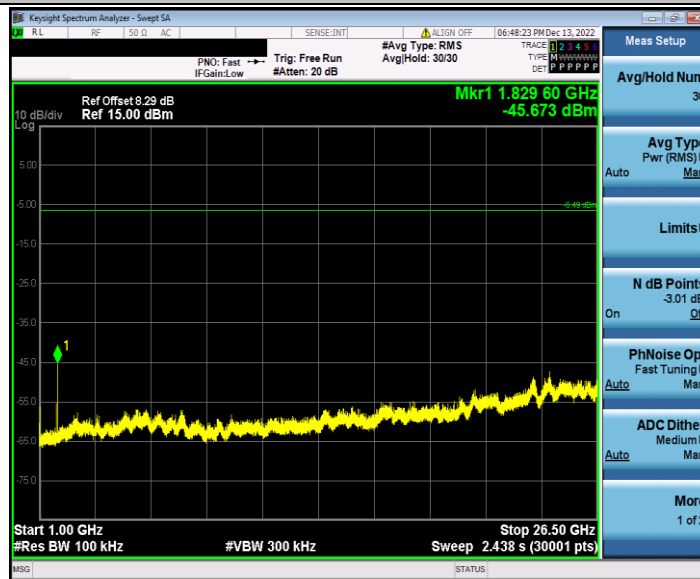
SRD_Ant1_915_0~Reference



SRD_Ant1_915_30~1000



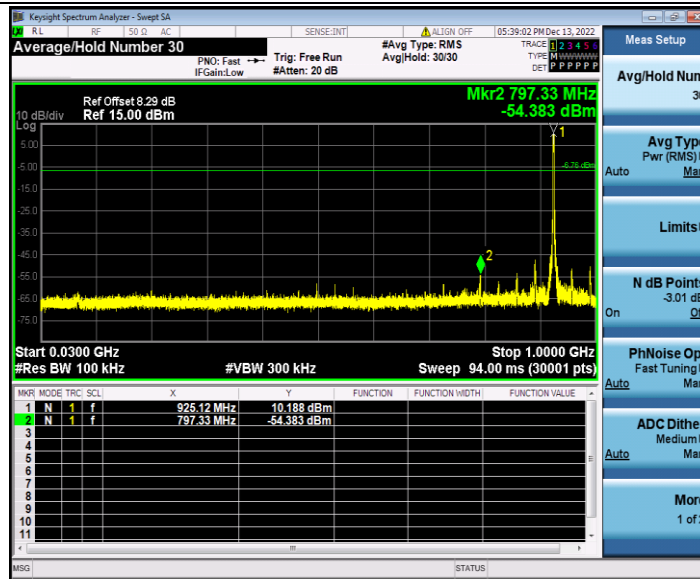
SRD_Ant1_915_1000~26500



SRD_Ant1_925_0~Reference



SRD_Ant1_925_30~1000



SRD_Ant1_925_1000~26500

