

Case No. : <u>GTS20260309001-3-02</u>
Ambient Condition: <u>23</u> °C, <u>49</u> %RH, Atmos100.1Kpa,
Test Date: <u>2026.3.24</u> Test Engineer: <u>Evan ouyang</u>

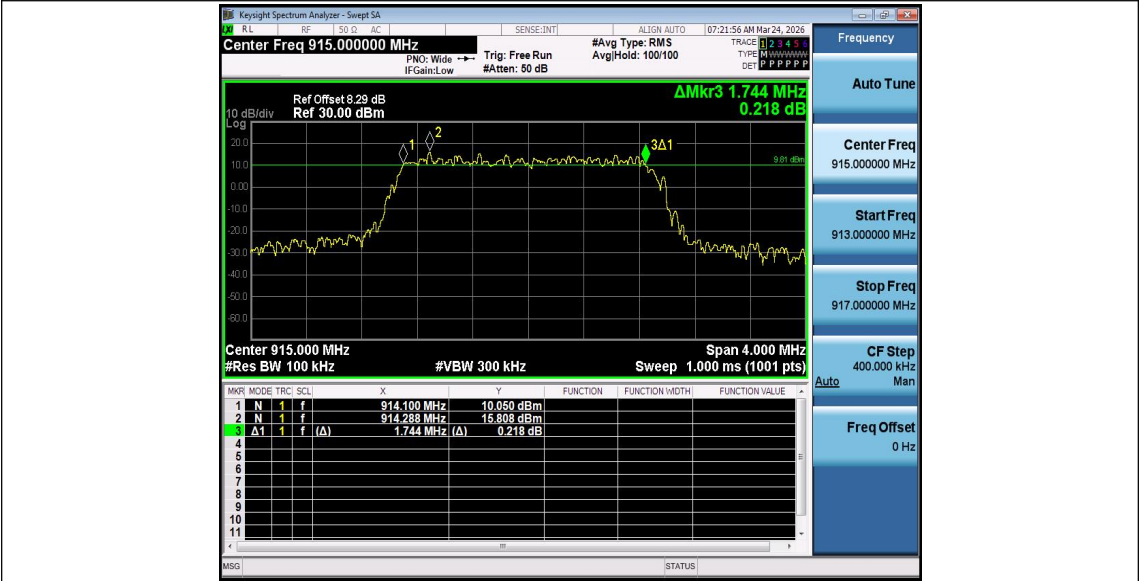
Appendix A.1: DTS Bandwidth

Test Result

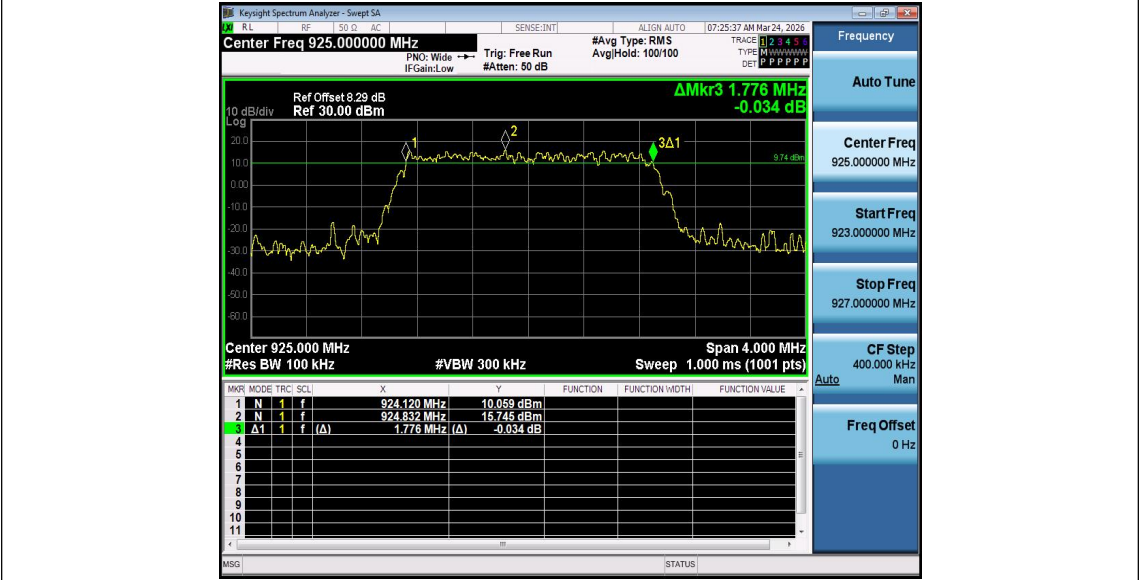
Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	905	1.756	904.100	905.856	0.5	PASS
		915	1.744	914.100	915.844	0.5	PASS
		925	1.776	924.120	925.896	0.5	PASS

Test Graphs





SRD_Ant1_915



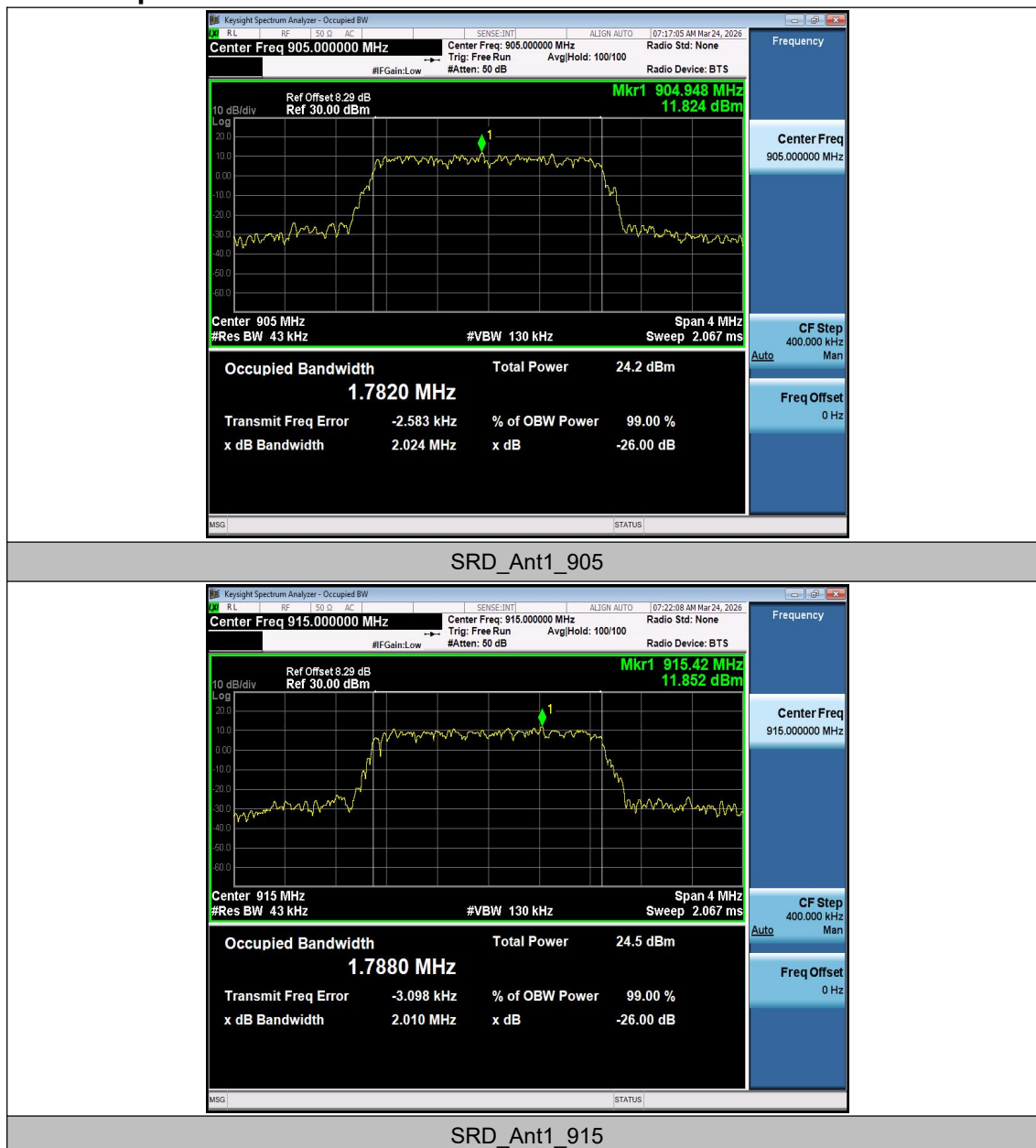
SRD_Ant1_925

Appendix A.2: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	905	1.7820	904.106	905.888	---	---
		915	1.7880	914.103	915.891	---	---
		925	1.7880	924.093	925.881	---	---

Test Graphs





Appendix A.3: Maximum conducted output power

Test Result Peak

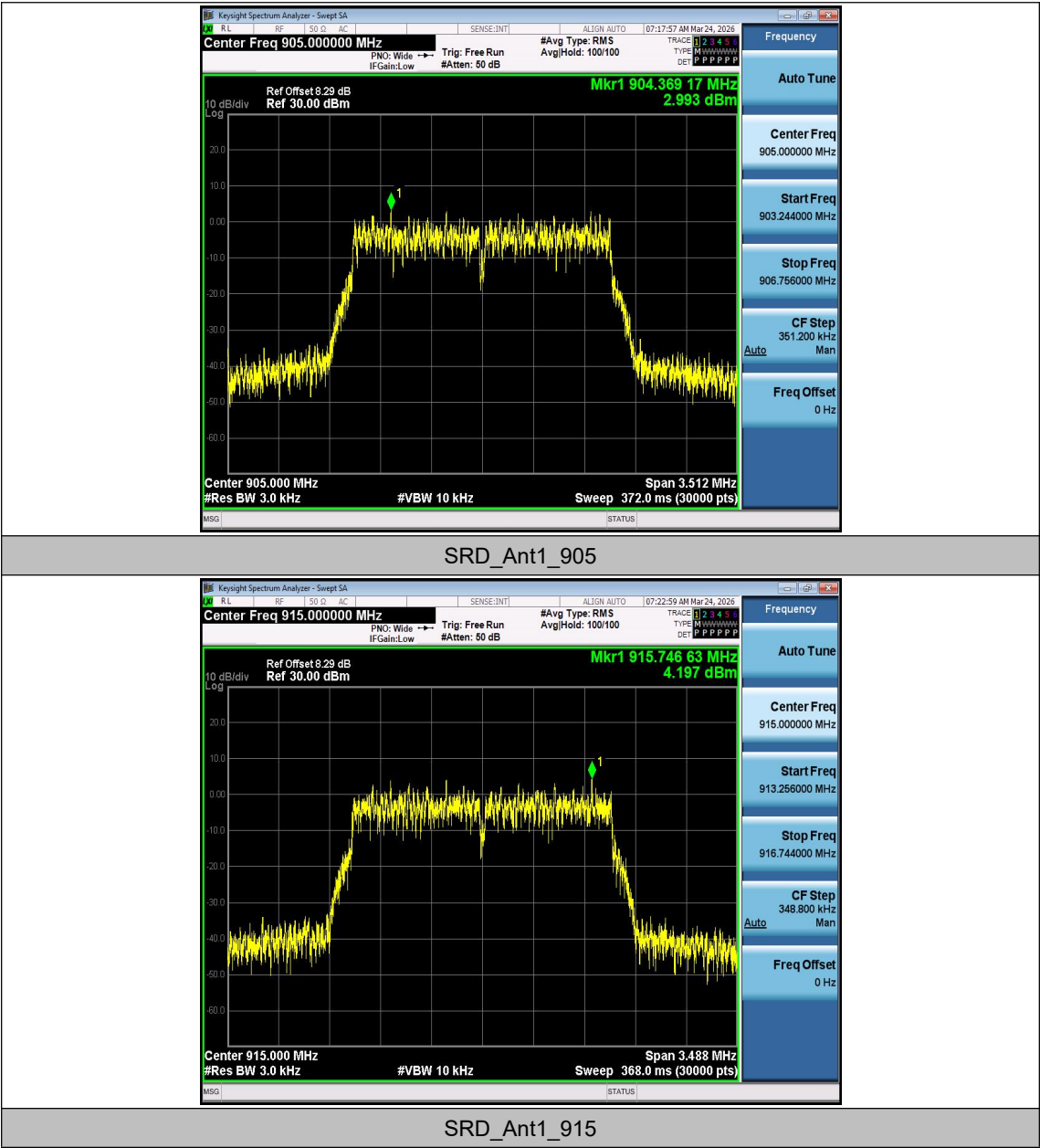
Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
SRD	Ant1	905	28.57	≤30	PASS
		915	28.75	≤30	PASS
		925	28.43	≤30	PASS

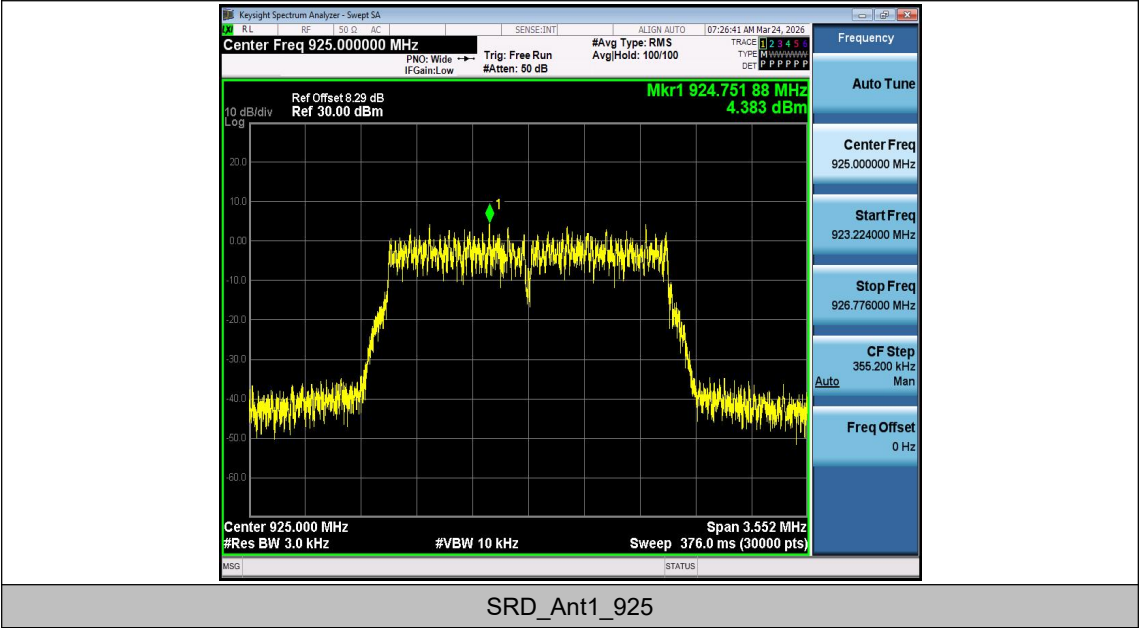
Appendix A.4: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
SRD	Ant1	905	2.99	≤na	PASS
		915	4.2	≤na	PASS
		925	4.38	≤na	PASS

Test Graphs





Appendix A.5: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	Low	905	15.99	-32.79	≤ -4.01	PASS
		High	925	16.78	-31.28	≤ -3.22	PASS

Test Graphs

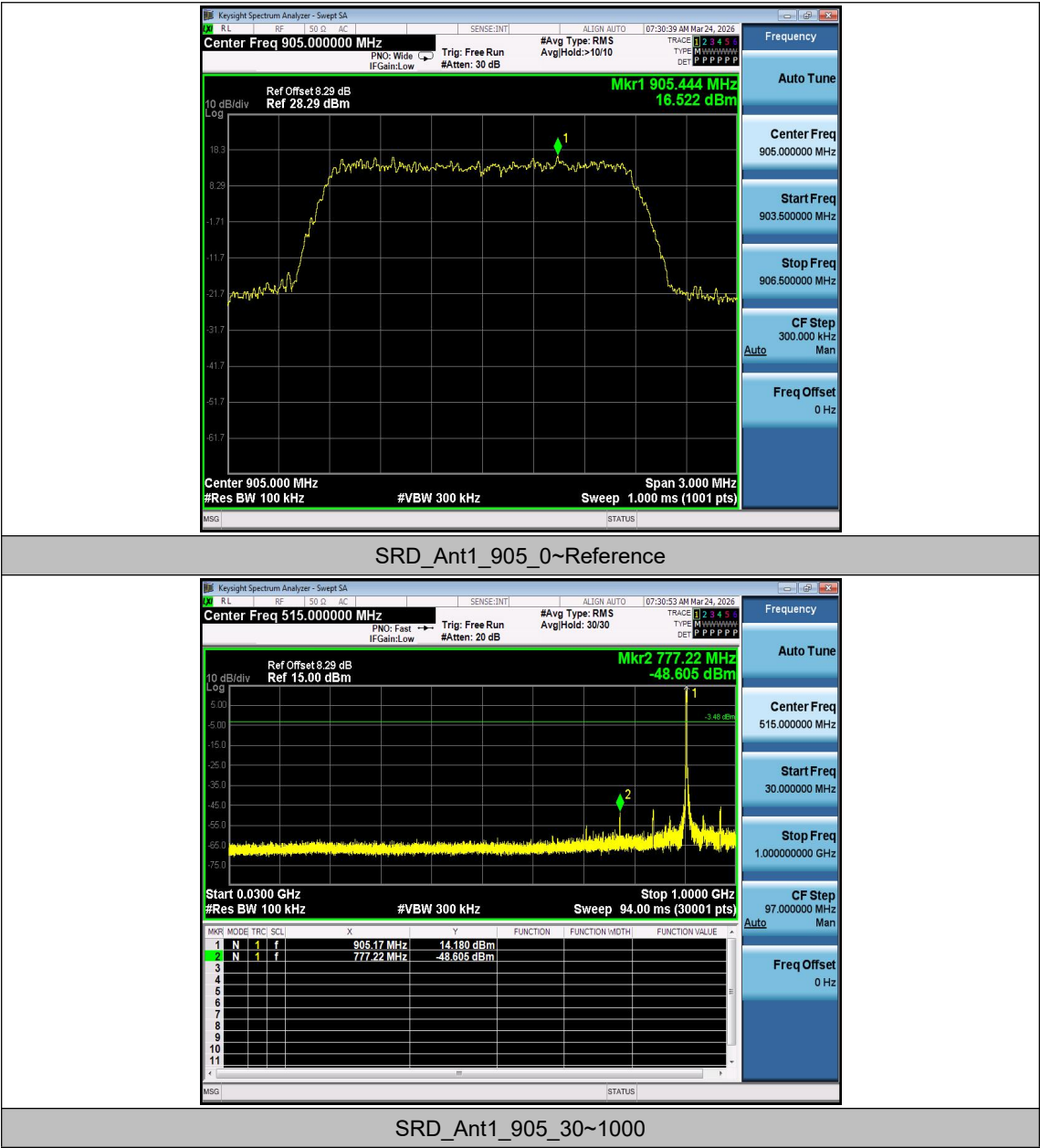


Appendix A.6: Conducted Spurious Emission

Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	905	Reference	16.52	16.52	---	PASS
			30~1000	16.52	-48.61	≤ -3.48	PASS
			1000~26500	16.52	-40.29	≤ -3.48	PASS
		915	Reference	16.88	16.88	---	PASS
			30~1000	16.88	-50.1	≤ -3.12	PASS
			1000~26500	16.88	-39.76	≤ -3.12	PASS
		925	Reference	17.82	17.82	---	PASS
			30~1000	17.82	-50.73	≤ -2.18	PASS
			1000~26500	17.82	-41.92	≤ -2.18	PASS

Test Graphs

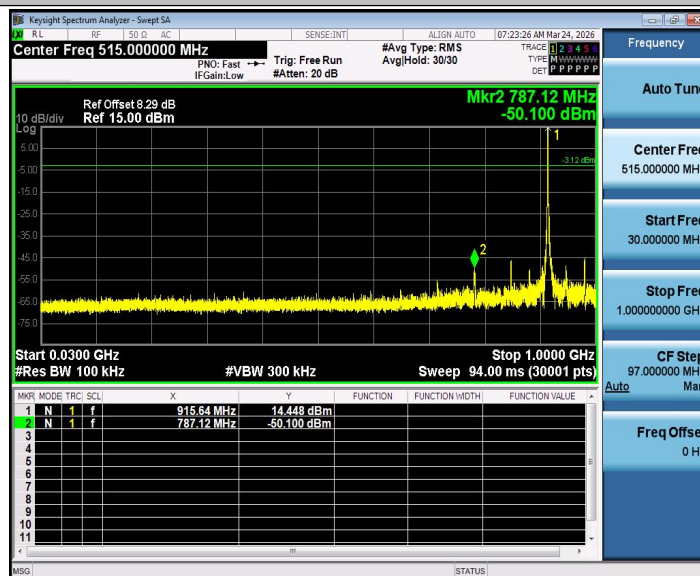




SRD_Ant1_905_1000~26500



SRD_Ant1_915_0~Reference



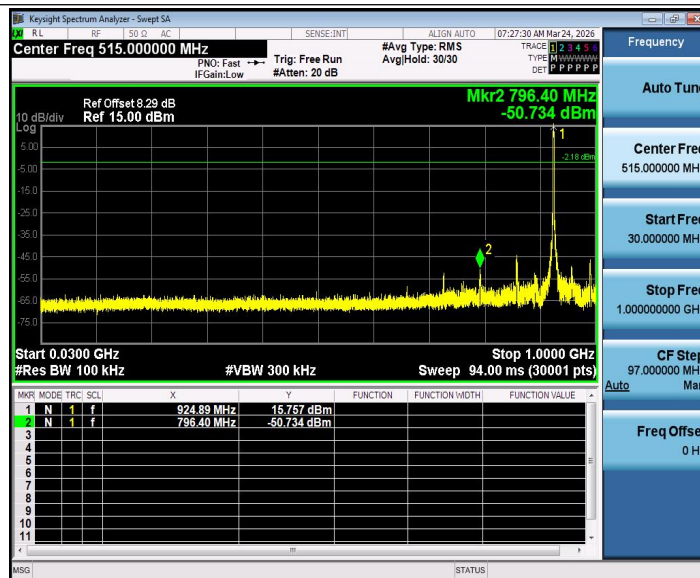
SRD_Ant1_915_30~1000



SRD_Ant1_915_1000~26500



SRD_Ant1_925_0~Reference



SRD_Ant1_925_30~1000



SRD_Ant1_925_1000~26500

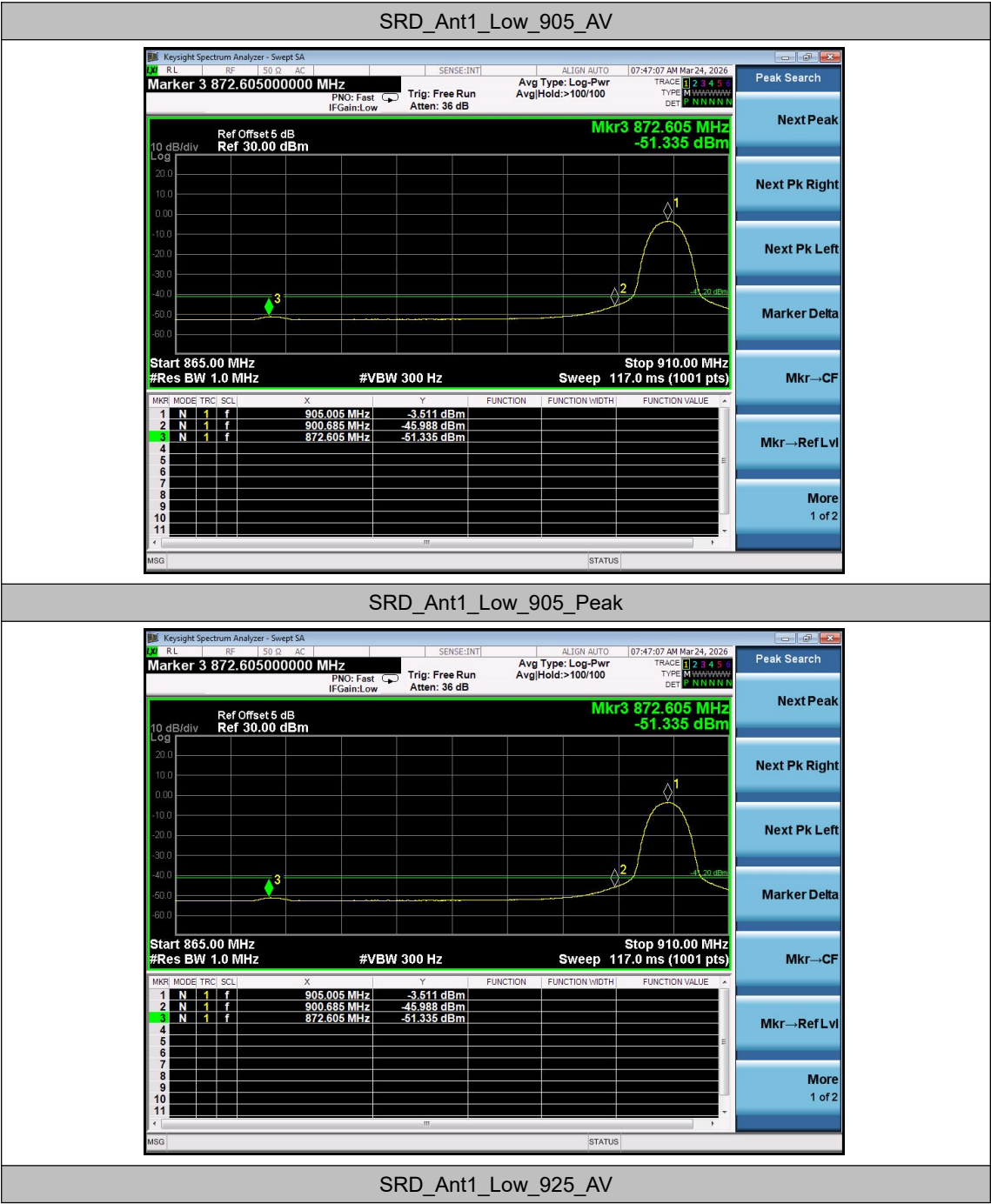
Appendix A.7: Emissions in Restricted Bands

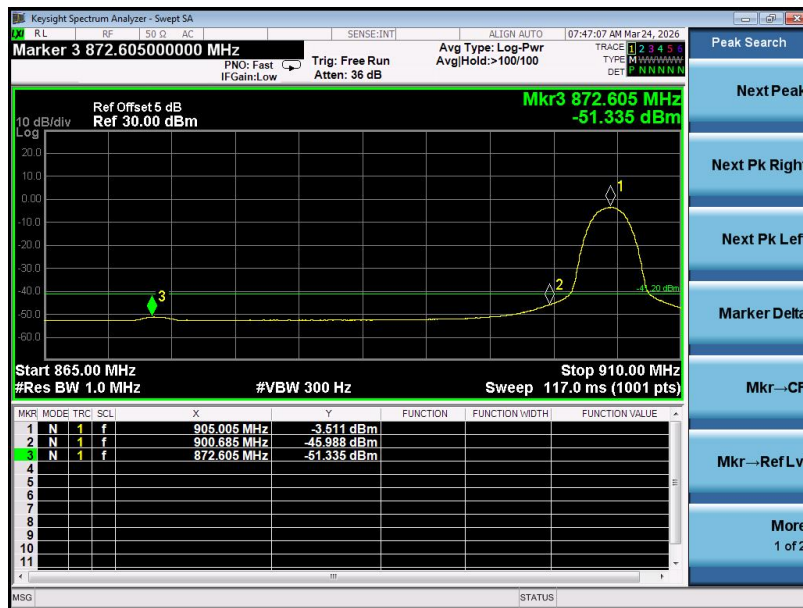
TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
SRD	Ant1	Low	905	AV	872.61	-51.34	≤-41.20	43.86	≤54	PASS
				AV	900.69	-45.99	≤-41.20	49.21	≤54	PASS
				Peak	886.65	-31.34	≤-21.20	63.86	≤74	PASS
				Peak	901.23	-26.96	≤-21.20	68.24	≤74	PASS
		High	925	AV	928.98	-44.35	≤-41.20	50.85	≤54	PASS
				AV	940.08	-52.25	≤-41.20	42.95	≤54	PASS
				Peak	928.20	-27.34	≤-21.20	67.86	≤74	PASS
				Peak	935.80	-39.98	≤-21.20	55.22	≤74	PASS

Note:

1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs





SRD_Ant1_Low_925_Peak

