

Case No. : <u>GTS20250325005-4-06</u>	
Ambient Condition: <u>22</u> °C, <u>51</u> %RH	
According Standard: ■Part15C	
Test Date: <u>2025.4.9</u>	Test Engineer: <u>Evan ouyang</u>

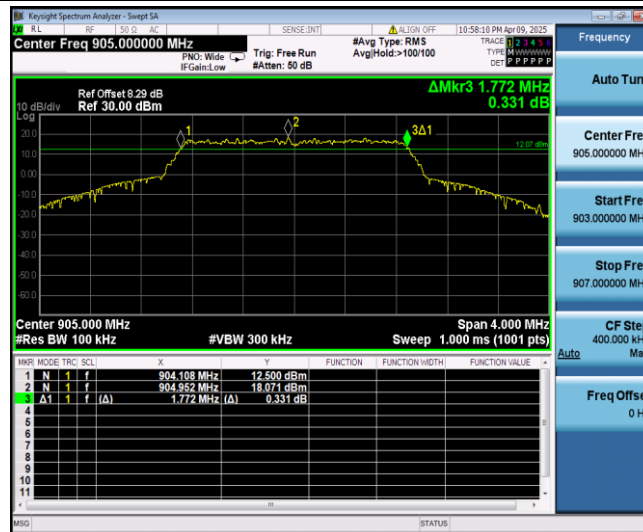
Appendix G.1: DTS Bandwidth

Test Result

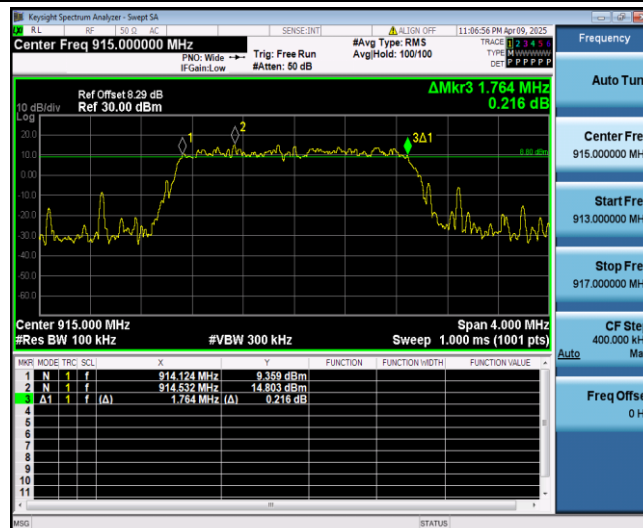
TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	905	1.772	904.108	905.880	0.5	PASS
		915	1.764	914.124	915.888	0.5	PASS
		925	1.756	924.128	925.884	0.5	PASS

Test Graphs

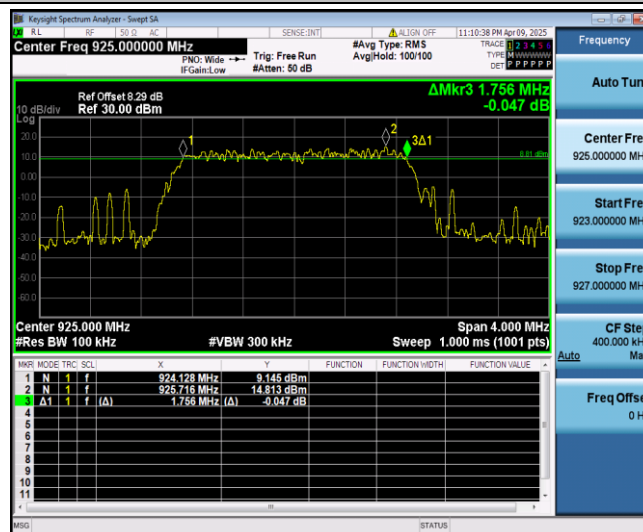
SRD_Ant1_905



SRD_Ant1_915



SRD_Ant1_925



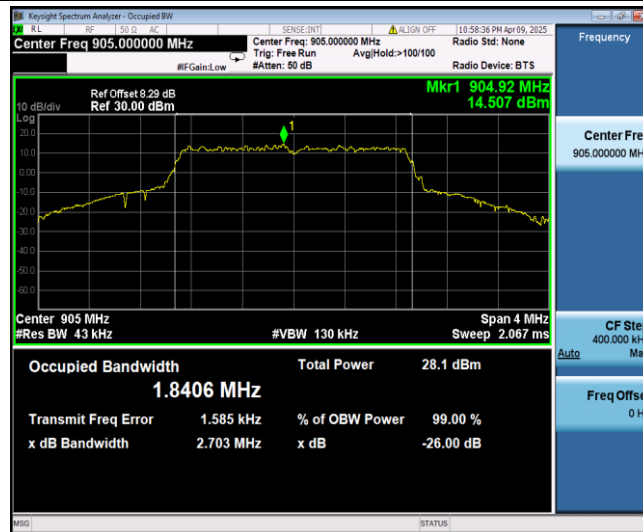
Appendix G.2: Occupied Channel Bandwidth

Test Result

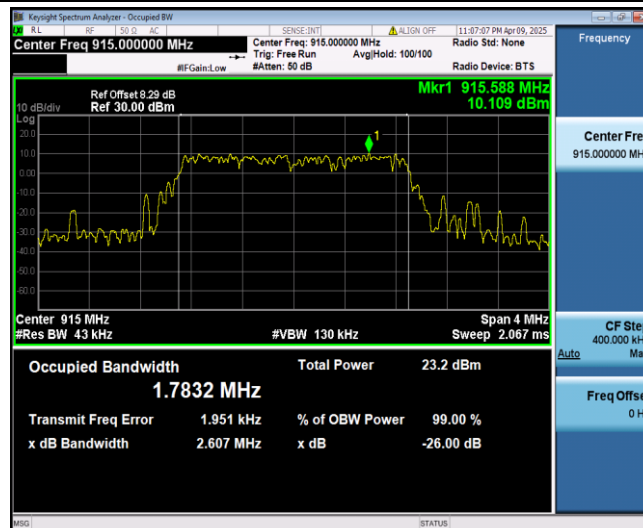
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	905	1.8409	904.081	905.922	---	---
		915	1.7832	914.110	915.894	---	---
		925	1.7867	924.113	925.900	---	---

Test Graphs

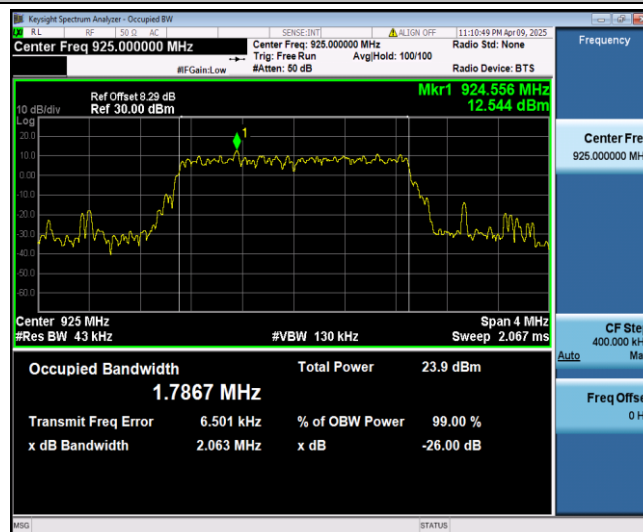
SRD_Ant1_905



SRD_Ant1_915



SRD_Ant1_925



Appendix G.3: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
SRD	Ant1	905	27.56	≤30	PASS
		915	27.62	≤30	PASS
		925	27.71	≤30	PASS

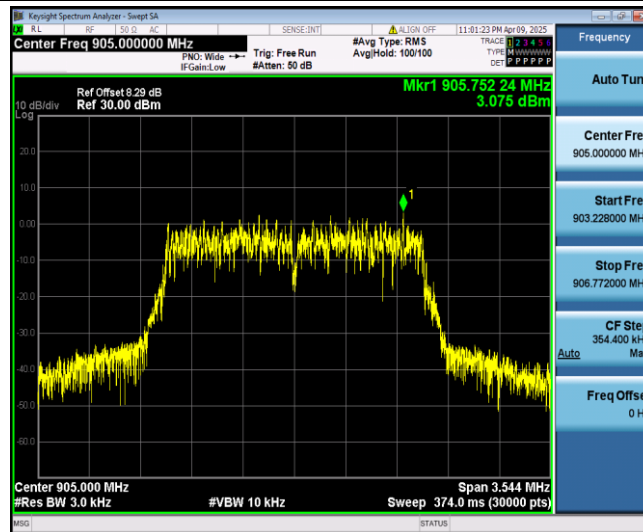
Appendix G.4: Maximum power spectral density

Test Result

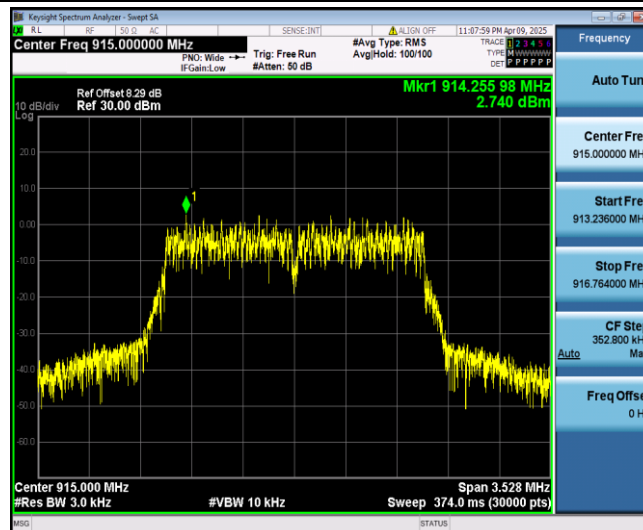
TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
SRD	Ant1	905	3.08	≤8	PASS
		915	2.74	≤8	PASS
		925	3.42	≤8	PASS

Test Graphs

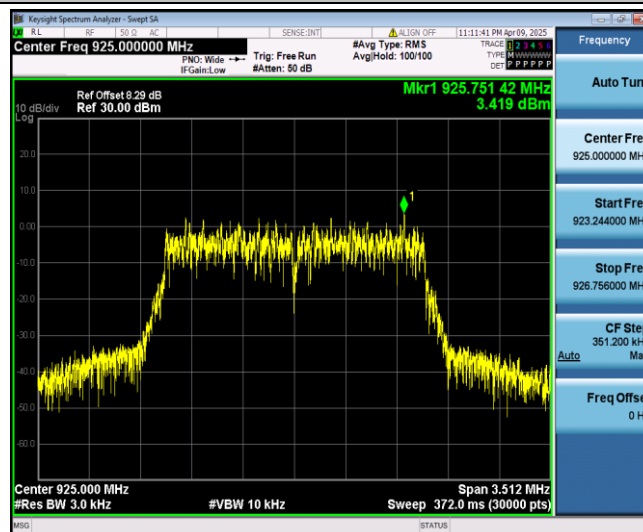
SRD_Ant1_905



SRD_Ant1_915



SRD_Ant1_925



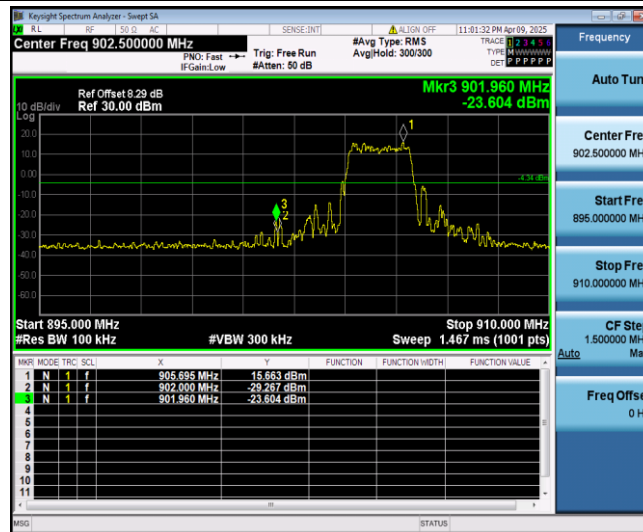
Appendix G.5: Band edge measurements

Test Result

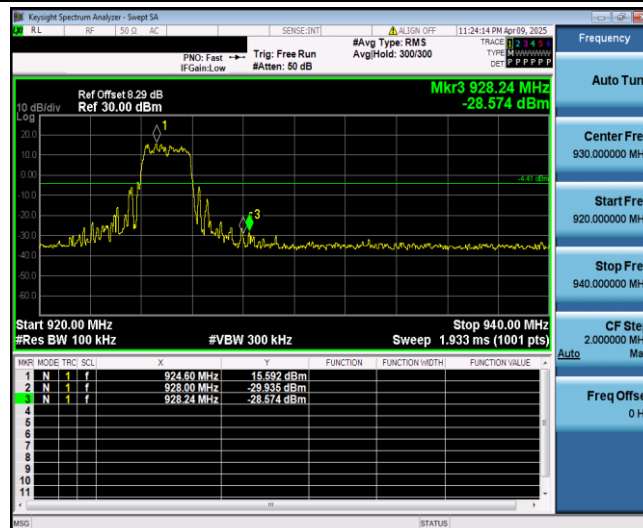
TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	Low	905	15.66	-23.6	≤-4.34	PASS
		High	925	15.59	-28.57	≤-4.41	PASS

Test Graphs

SRD_Ant1_Low_905



SRD_Ant1_High_925



Appendix G.6: Conducted Spurious Emission

Test Result

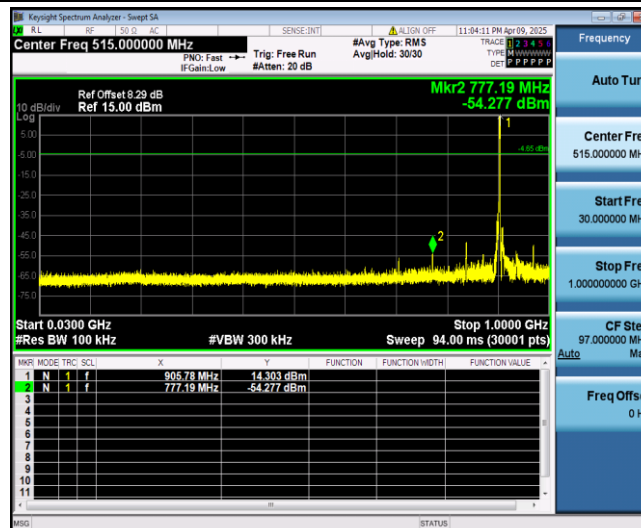
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	905	Reference	15.35	15.35	---	PASS
			30~1000	15.35	-54.28	≤ -4.65	PASS
			1000~26500	15.35	-43.02	≤ -4.65	PASS
		915	Reference	15.14	15.14	---	PASS
			30~1000	15.14	-50.27	≤ -4.86	PASS
			1000~26500	15.14	-39.5	≤ -4.86	PASS
		925	Reference	16.31	16.31	---	PASS
			30~1000	16.31	-52.04	≤ -3.69	PASS
			1000~26500	16.31	-39.73	≤ -3.69	PASS

Test Graphs

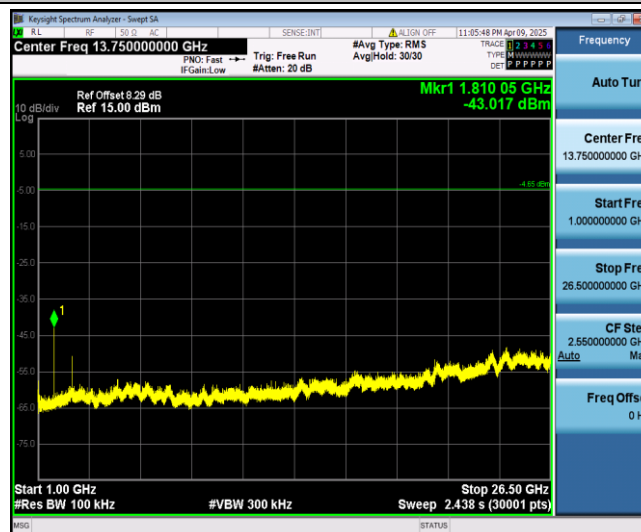
SRD_Ant1_905_0~Reference



SRD_Ant1_905_30~1000



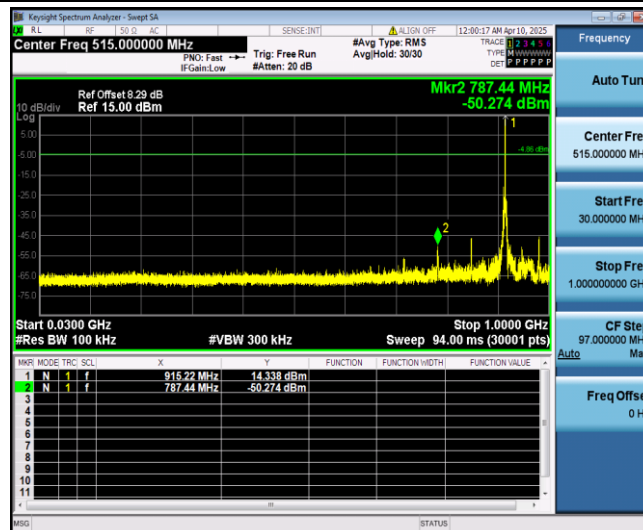
SRD_Ant1_905_1000~26500



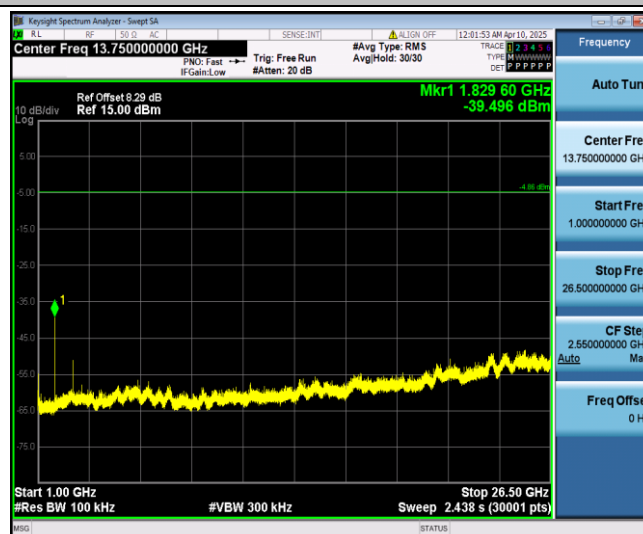
SRD_Ant1_915_0~Reference



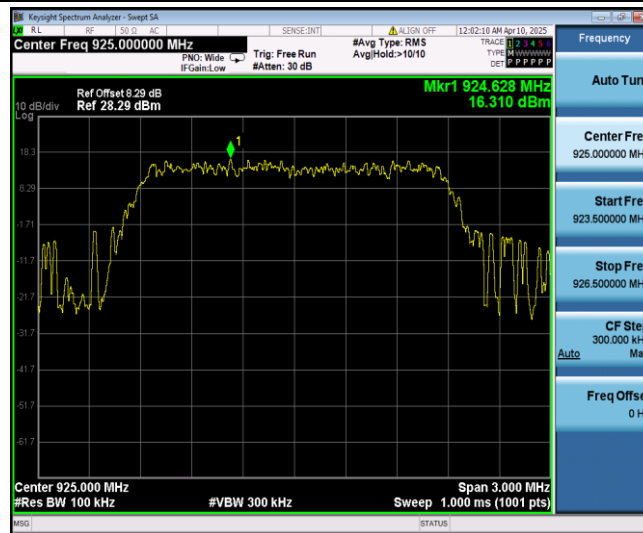
SRD_Ant1_915_30~1000



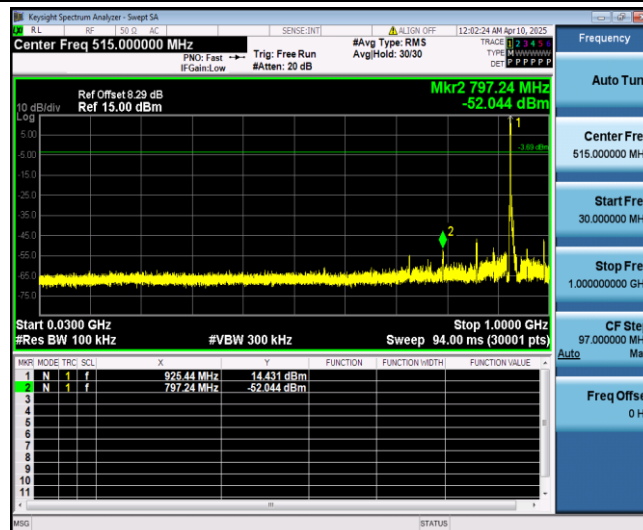
SRD_Ant1_915_1000~26500



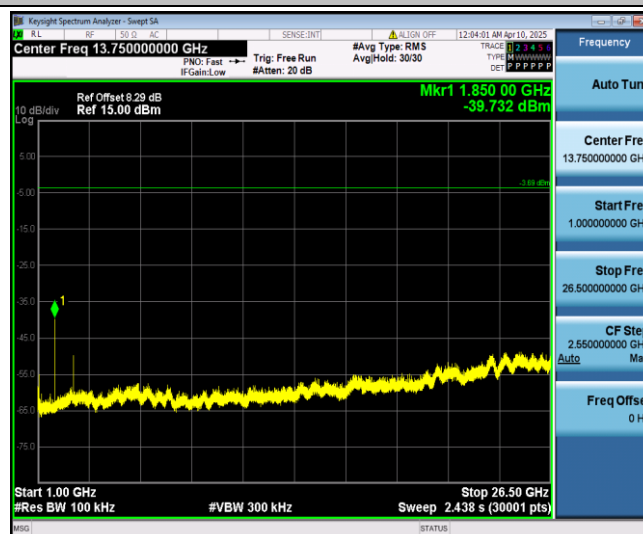
SRD_Ant1_925_0~Reference



SRD_Ant1_925_30~1000



SRD_Ant1_925_1000~26500



Appendix G.7: Emissions in Restricted Bands

Test Result

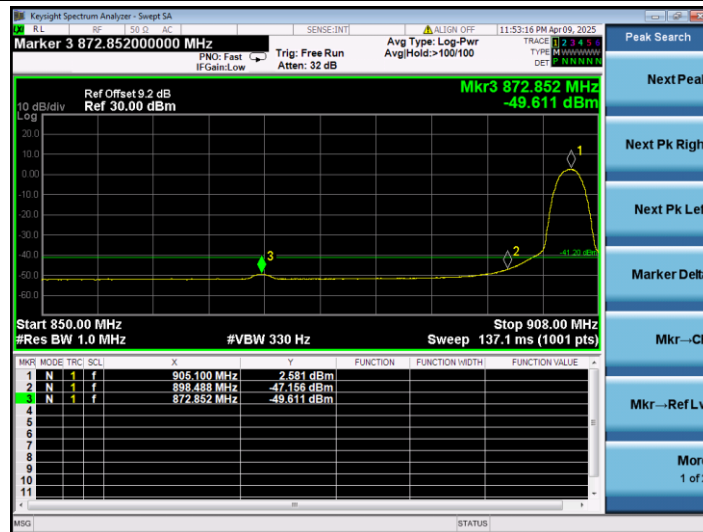
TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
SRD	Ant1	Low	905	AV	872.852	-49.61	≤-41.20	45.59	≤54	PASS
				AV	898.488	-47.16	≤-41.20	48.04	≤54	PASS
				Peak	882.538	-45.52	≤-21.20	49.68	≤74	PASS
				Peak	900.576	-38.83	≤-21.20	56.37	≤74	PASS
		High	925	AV	930.98	-46.21	≤-41.20	48.99	≤54	PASS
				AV	956.96	-49.32	≤-41.20	45.88	≤54	PASS
				Peak	930.56	-34.65	≤-21.20	60.55	≤74	PASS
				Peak	947.66	-50.49	≤-21.20	44.71	≤74	PASS

Note:

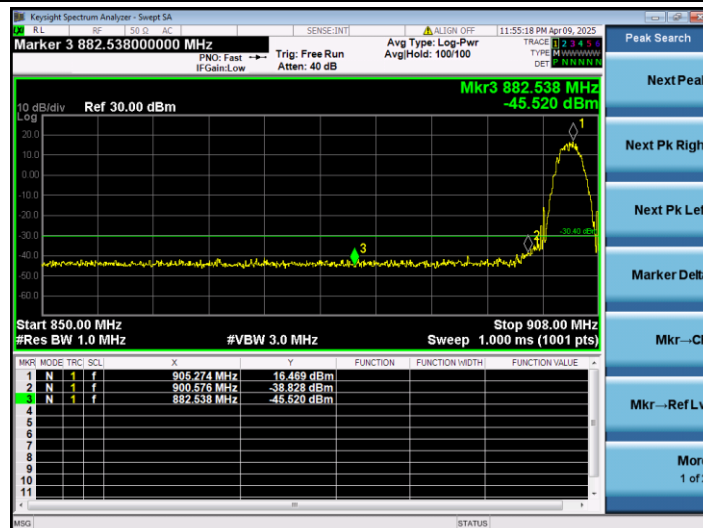
1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

SRD_Ant1_Low_905_AV



SRD_Ant1_Low_905_Peak



SRD_Ant1_Low_925_AV

