

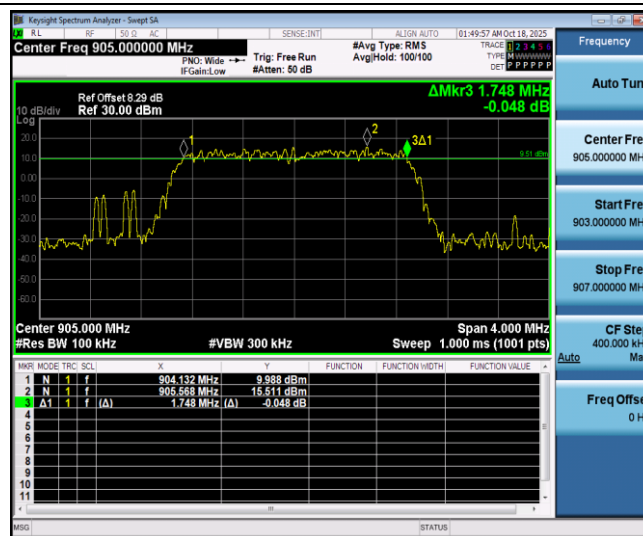
Case No. : <u>GTS20250902002-8-04</u>
Ambient Condition: <u>22</u> °C, <u>48</u> %RH
According Standard: ■Part15C
Test Date: <u>2025.9.09-2025.10.21</u> Test Engineer: <u>Evan ouyang</u>

AppendixC.1: DTS Bandwidth

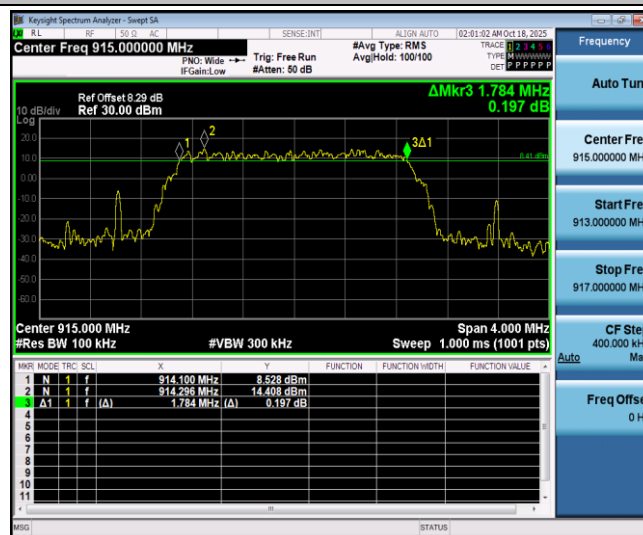
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	905	1.748	904.132	905.880	0.5	PASS
		915	1.784	914.100	915.884	0.5	PASS
		925	1.700	924.164	925.864	0.5	PASS

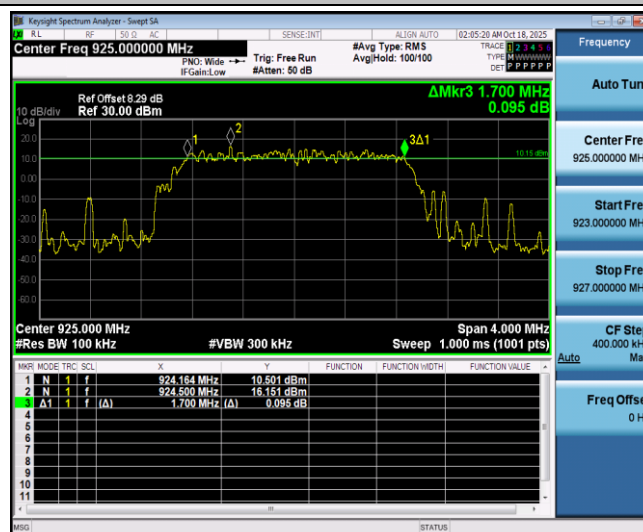
Test Graphs



SRD_Ant1_905



SRD_Ant1_915



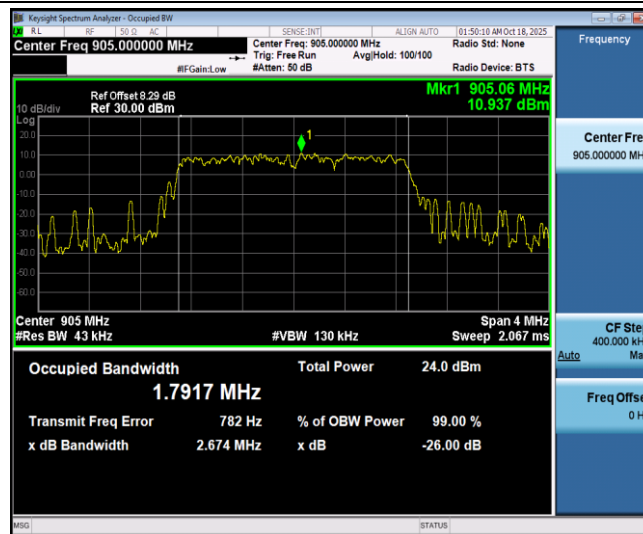
SRD_Ant1_925

AppendixC.2: Occupied Channel Bandwidth

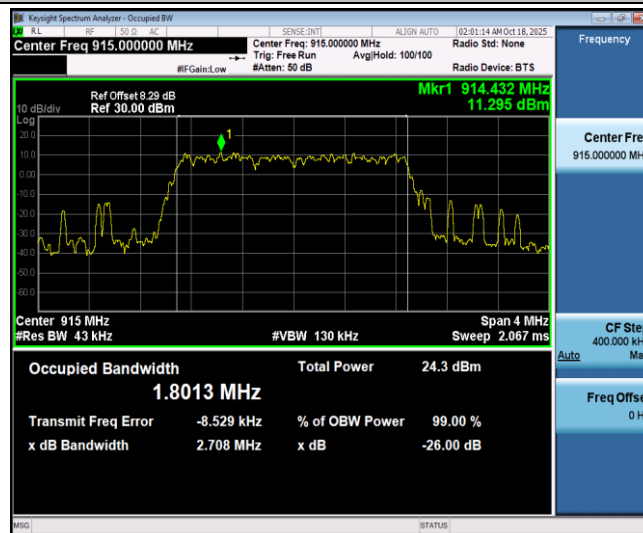
Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	905	1.7917	904.105	905.897	---	---
		915	1.8013	914.091	915.892	---	---
		925	1.7869	924.104	925.891	---	---

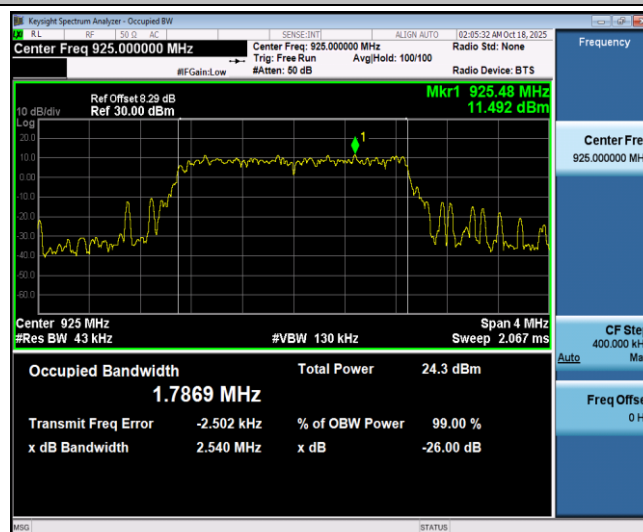
Test Graphs



SRD_Ant1_905



SRD_Ant1_915



SRD_Ant1_925

AppendixC.3: Maximum conducted output power

Test Result Peak

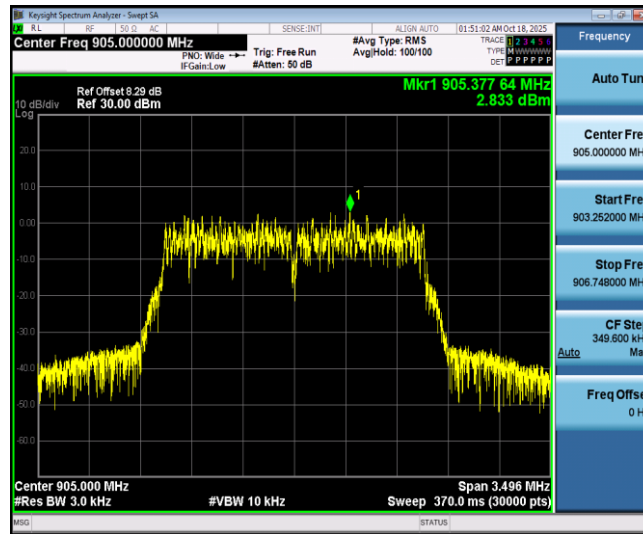
TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
SRD	Ant1	905	28.60	≤30	PASS
		915	28.88	≤30	PASS
		925	28.36	≤30	PASS

AppendixC.4: Maximum power spectral density

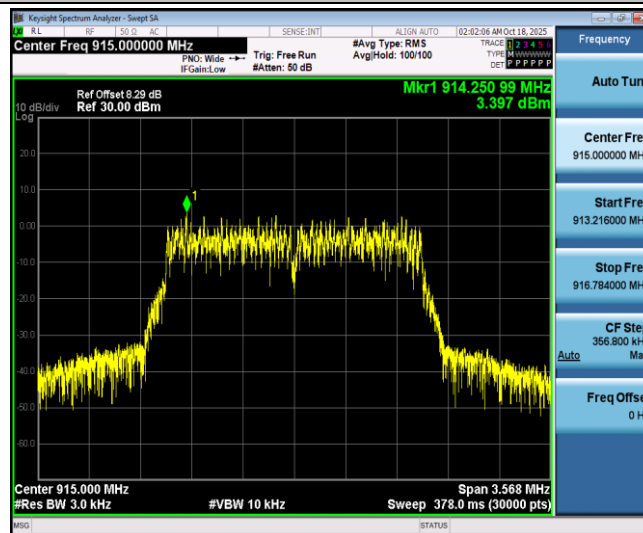
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
SRD	Ant1	905	2.83	≤8	PASS
		915	3.4	≤8	PASS
		925	3.29	≤8	PASS

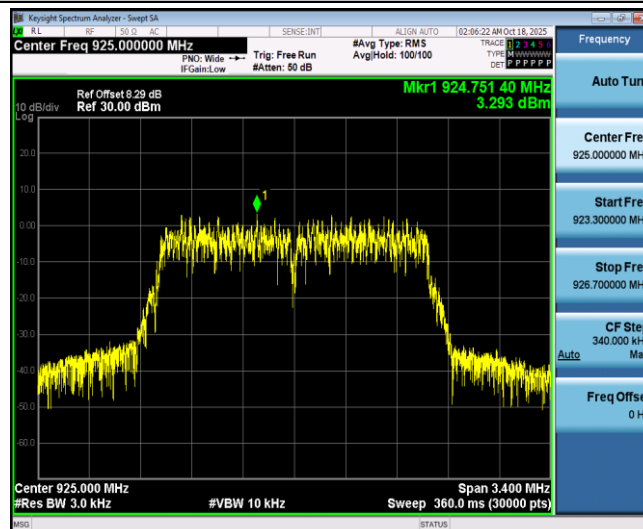
Test Graphs



SRD_Ant1_905



SRD_Ant1_915



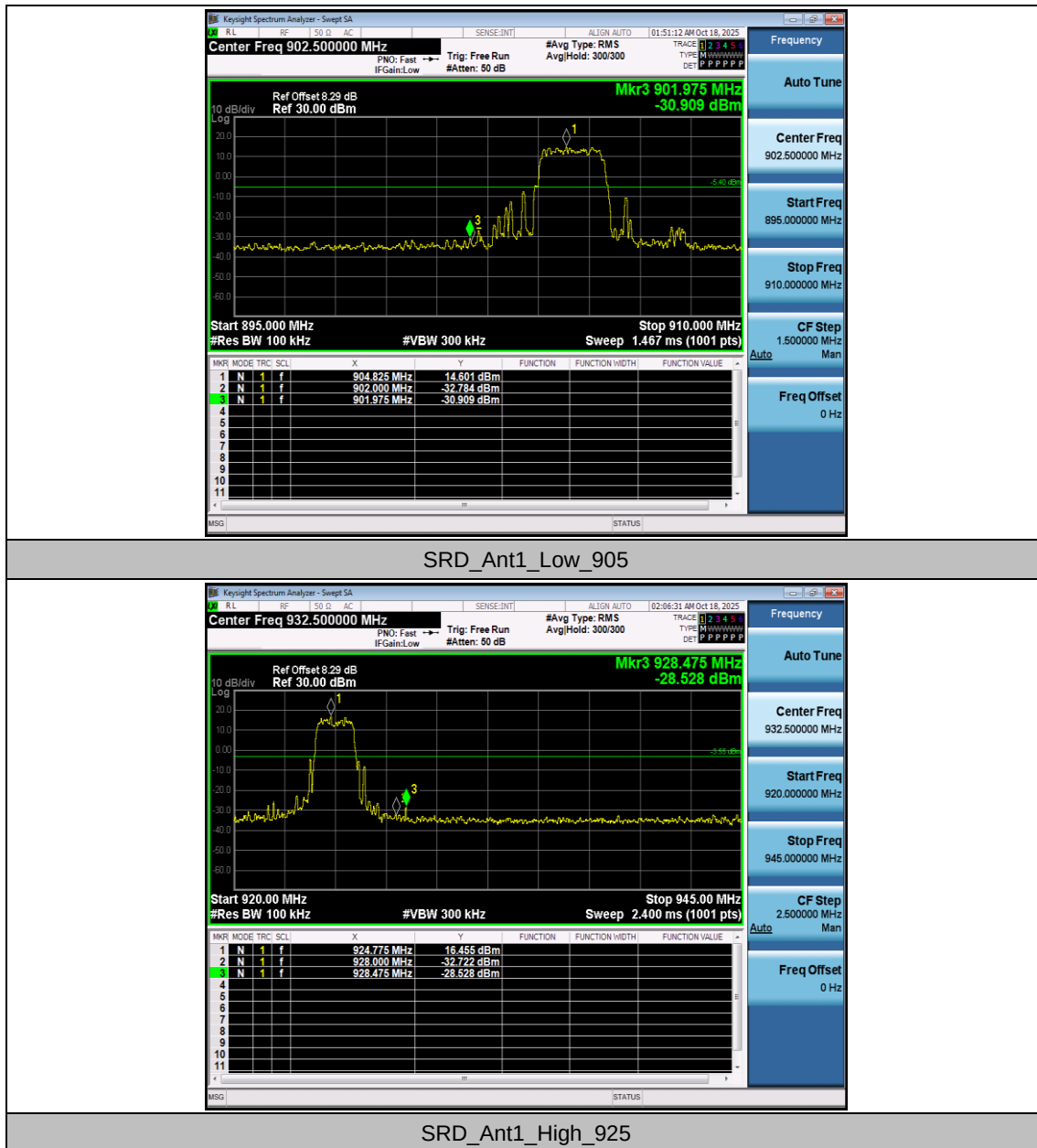
SRD_Ant1_925

AppendixC.5:Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	Low	905	14.60	-30.91	$\leq$ -5.4	PASS
		High	925	16.46	-28.53	$\leq$ -3.55	PASS

Test Graphs



AppendixC.6:Conducted Spurious Emission

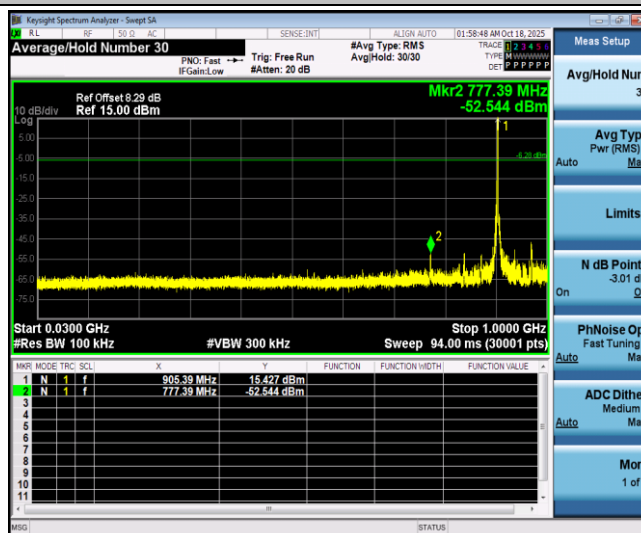
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	905	Reference	13.72	13.72	---	PASS
			30~1000	13.72	-52.54	≤ -6.28	PASS
			1000~26500	13.72	-41.73	≤ -6.28	PASS
		915	Reference	14.28	14.28	---	PASS
			30~1000	14.28	-51.07	≤ -5.72	PASS
			1000~26500	14.28	-48.23	≤ -5.72	PASS
		925	Reference	15.00	15.00	---	PASS
			30~1000	15.00	-48.46	≤ -5	PASS
			1000~26500	15.00	-38.67	≤ -5	PASS

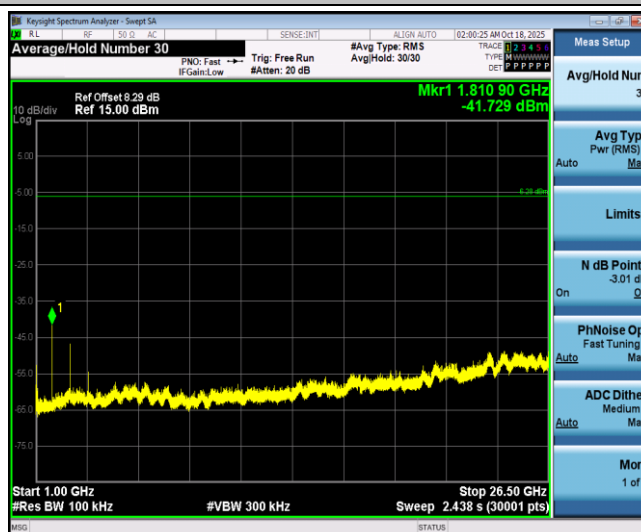
Test Graphs



SRD_Ant1_905_0~Reference



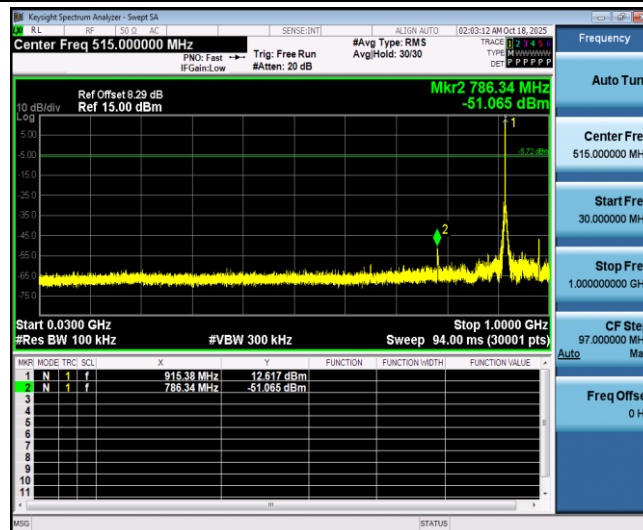
SRD_Ant1_905_30~1000



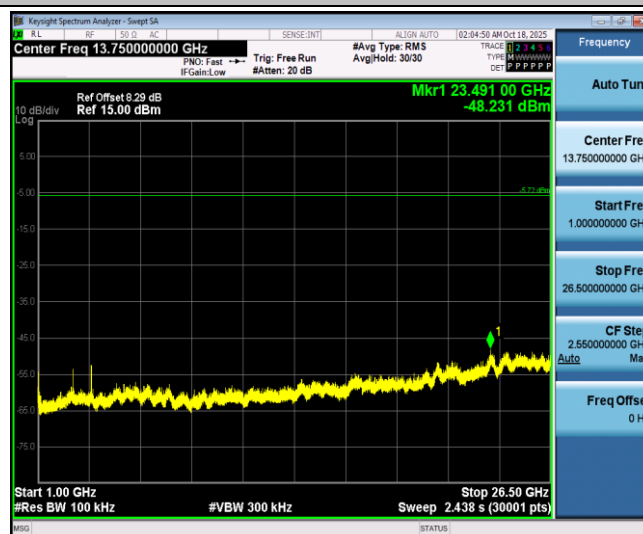
SRD_Ant1_905_1000~26500



SRD_Ant1_915_0~Reference



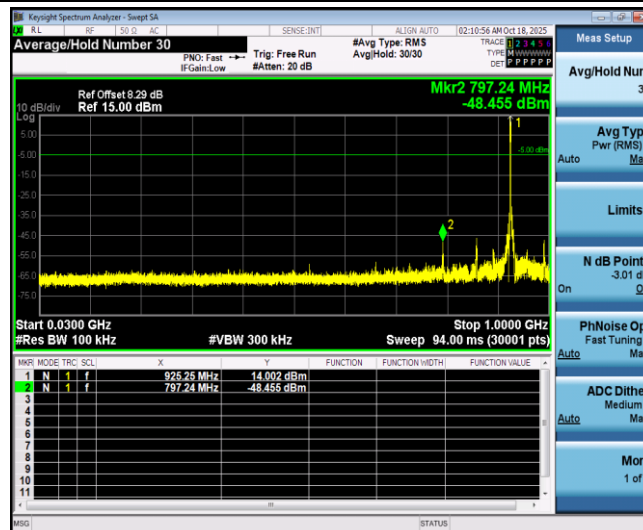
SRD_Ant1_915_30~1000



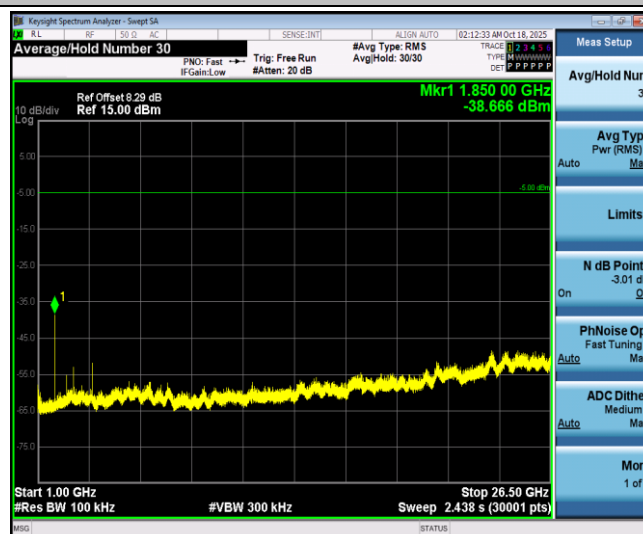
SRD_Ant1_915_1000~26500



SRD_Ant1_925_0~Reference



SRD_Ant1_925_30~1000



SRD_Ant1_925_1000~26500

Appendix C.7: Emissions in Restricted Bands

Test Result

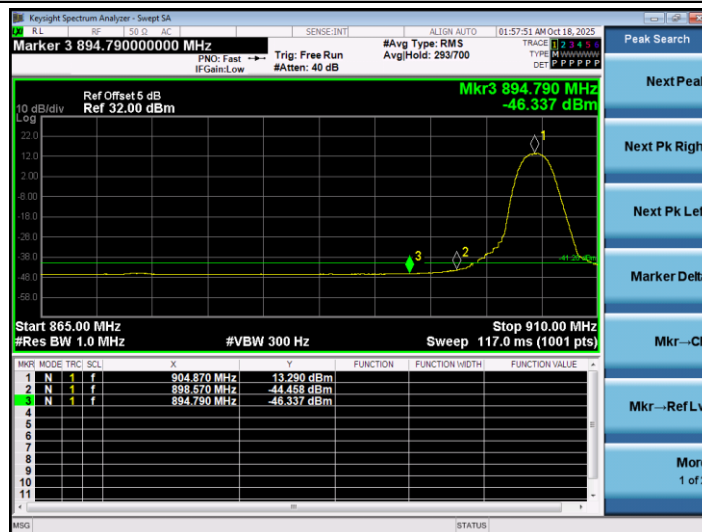
TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
SRD	Ant1	Low	905	AV	894.790	-46.46	≤-41.20	48.74	≤54	PASS
				AV	898.570	-44.46	≤-41.20	50.74	≤54	PASS
				Peak	890.290	-34.24	≤-21.20	60.96	≤74	PASS
				Peak	898.300	-31.88	≤-21.20	63.32	≤74	PASS
		High	925	AV	930.200	-42.58	≤-41.20	52.62	≤54	PASS
				AV	933.100	-44.54	≤-41.20	50.66	≤54	PASS
				Peak	929.375	-31.11	≤-21.20	64.09	≤74	PASS
				Peak	931.325	-28.03	≤-21.20	67.17	≤74	PASS

Note:

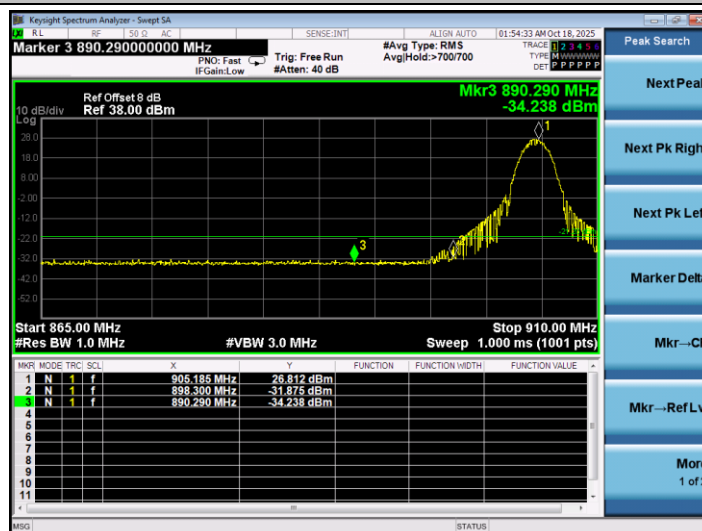
1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

SRD_Ant1_Low_905_AV



SRD_Ant1_Low_905_Peak



SRD_Ant1_Low_925_AV

