

Case No. : <u>CTA24071601001</u>	
Ambient Condition: <u>23</u> °C, <u>51</u> %RH,	
Test Date: <u>2024.7.19</u>	Test Engineer: <u>Evan ouyang</u>

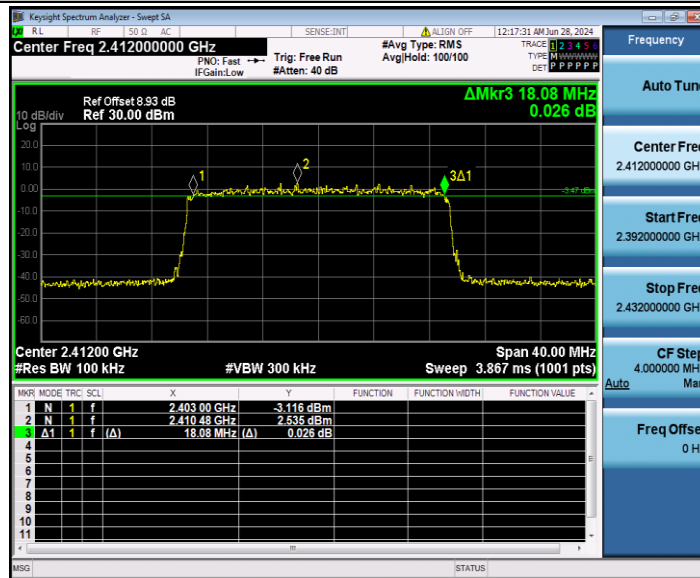
Appendix A.1: DTS Bandwidth

Test Result

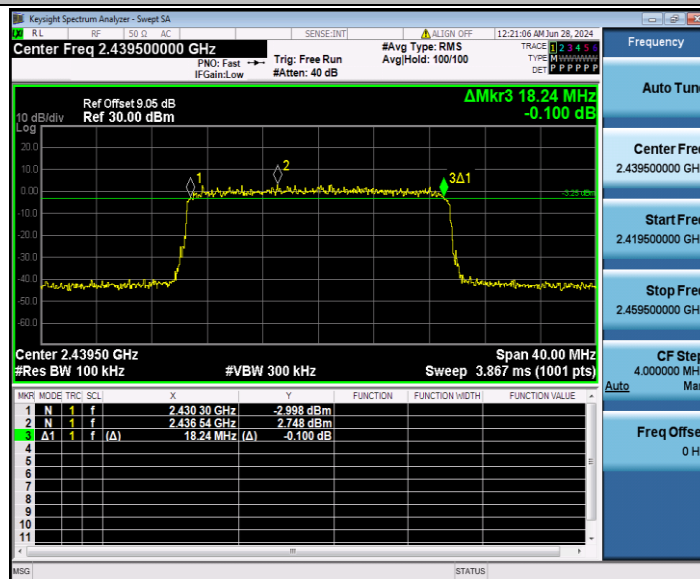
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant2	2412	18.080	2403.000	2421.080	0.5	PASS
		2439.5	18.240	2430.300	2448.540	0.5	PASS
		2461.5	18.600	2452.140	2470.740	0.5	PASS

Test Graphs

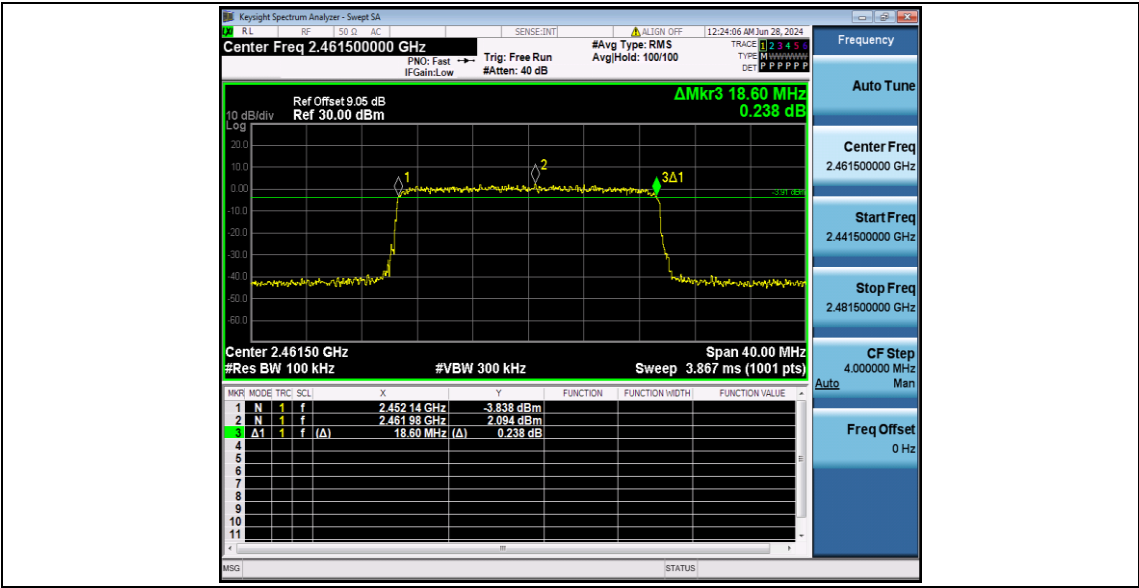
SRD_Ant2_2412



SRD_Ant2_2439.5



SRD_Ant2_2461.5

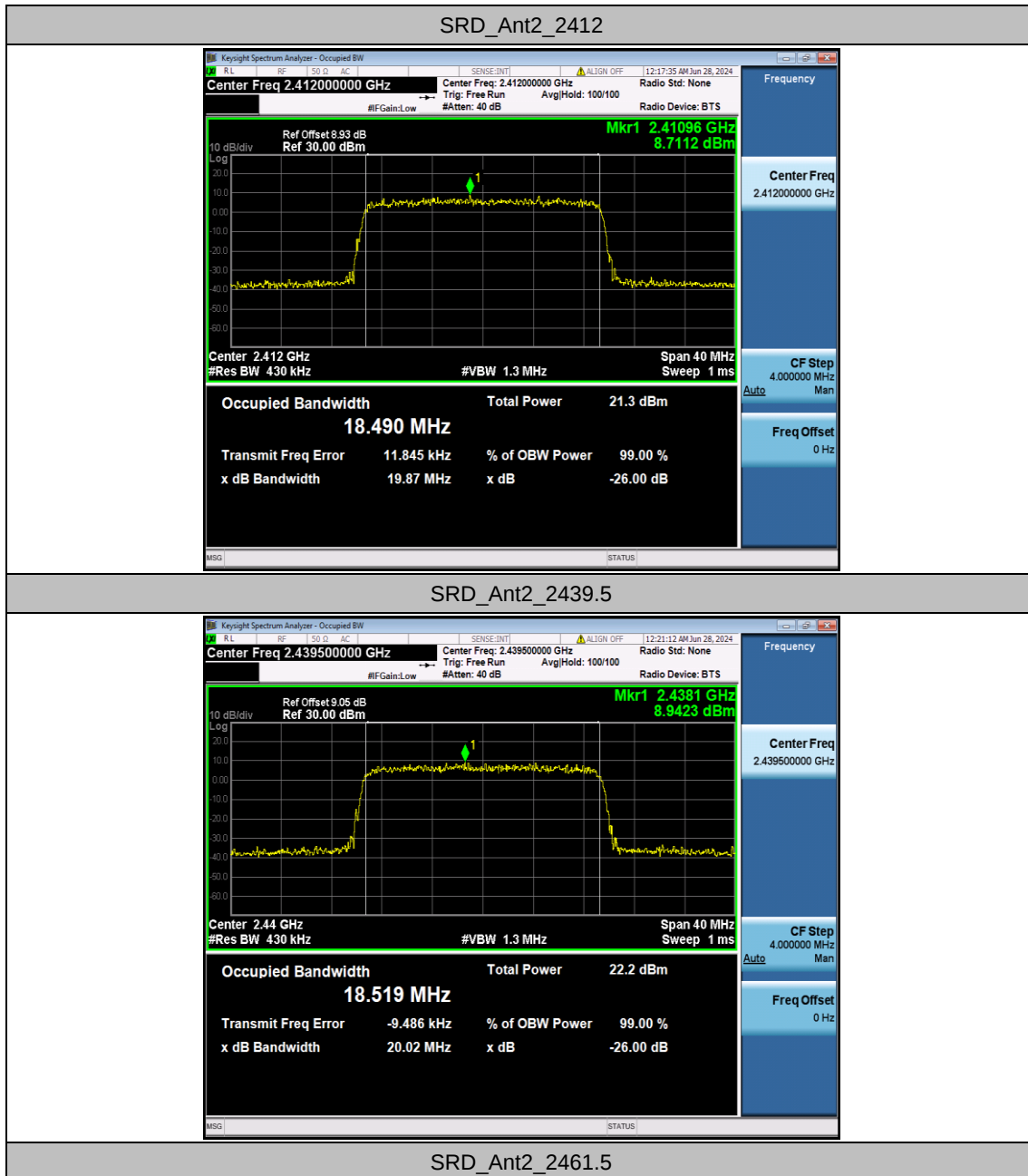


Appendix A.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant2	2412	18.490	2402.7669	2421.2569	---	---
		2439.5	18.519	2430.2310	2448.7500	---	---
		2461.5	18.526	2452.2270	2470.7530	---	---

Test Graphs



Appendix A.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
SRD	Ant2	2412	21.80	≤30.00	PASS
		2439.5	22.40	≤30.00	PASS
		2461.5	22.77	≤30.00	PASS

Appendix A.4: Maximum power spectral density

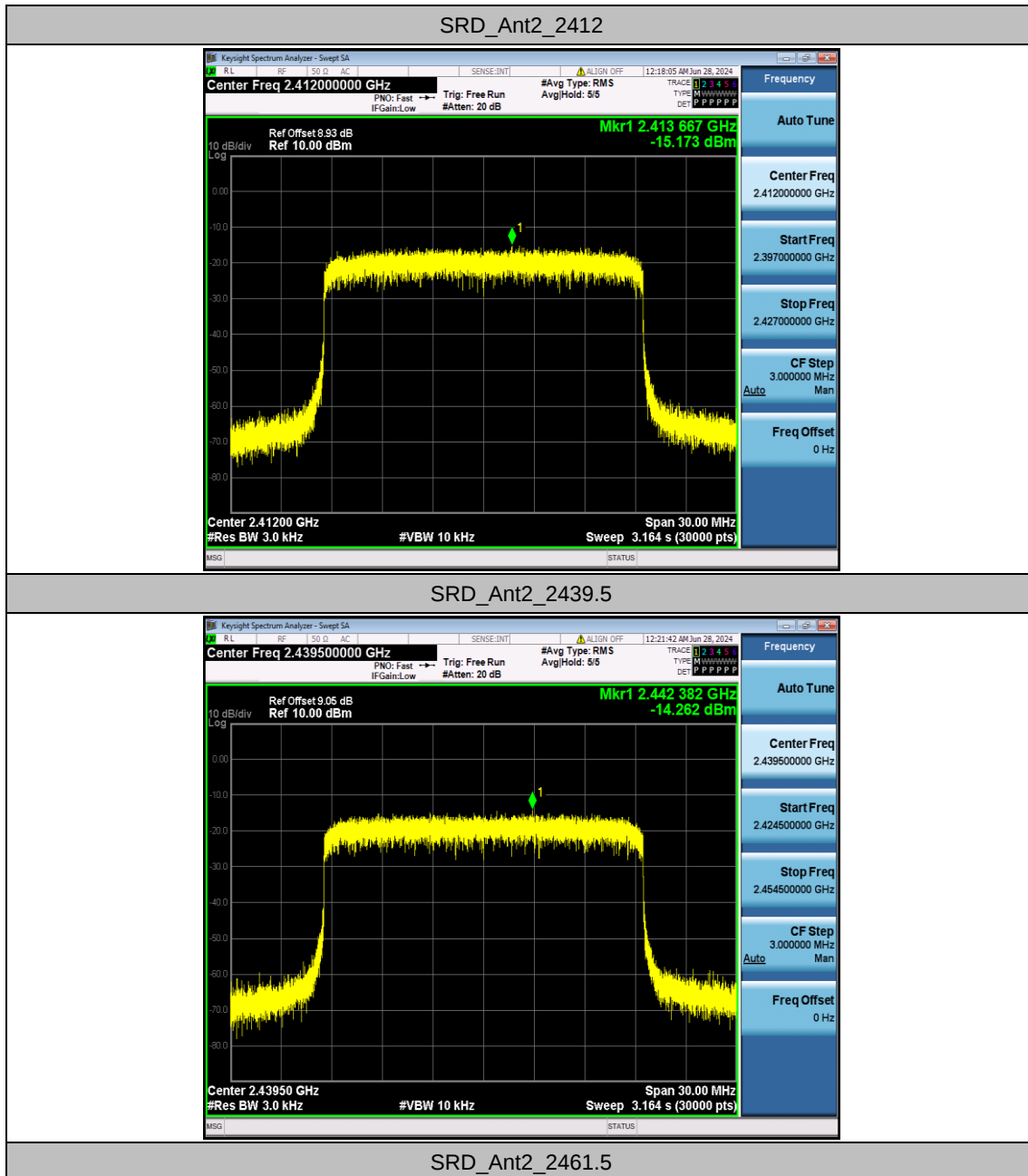
Test Result

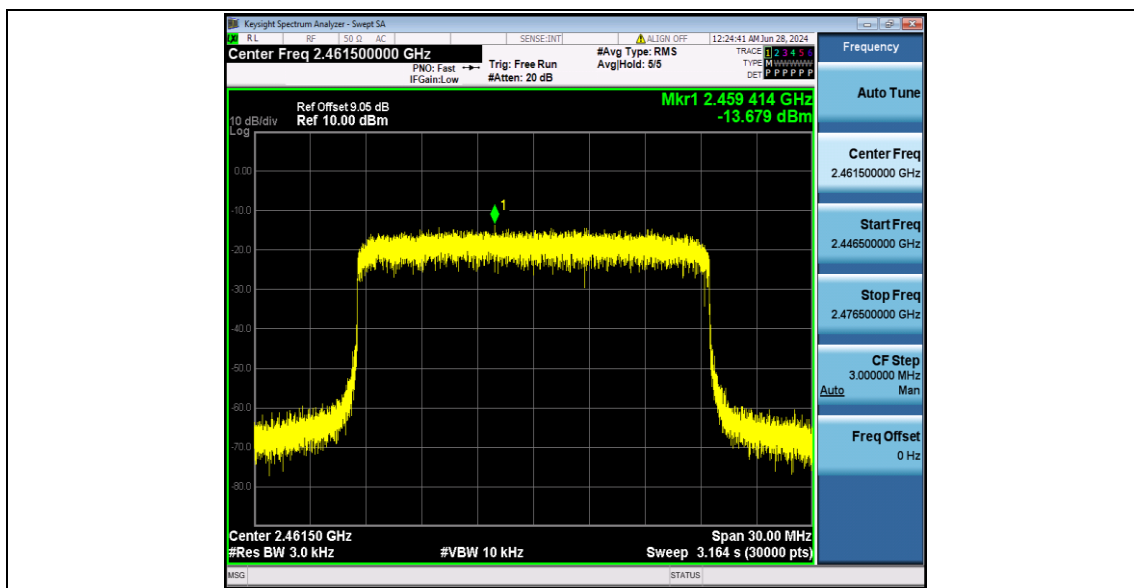
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
SRD	Ant2	2412	-15.17	≤8.00	PASS
		2439.5	-14.26	≤8.00	PASS
		2461.5	-13.68	≤8.00	PASS

Note:

1. The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs



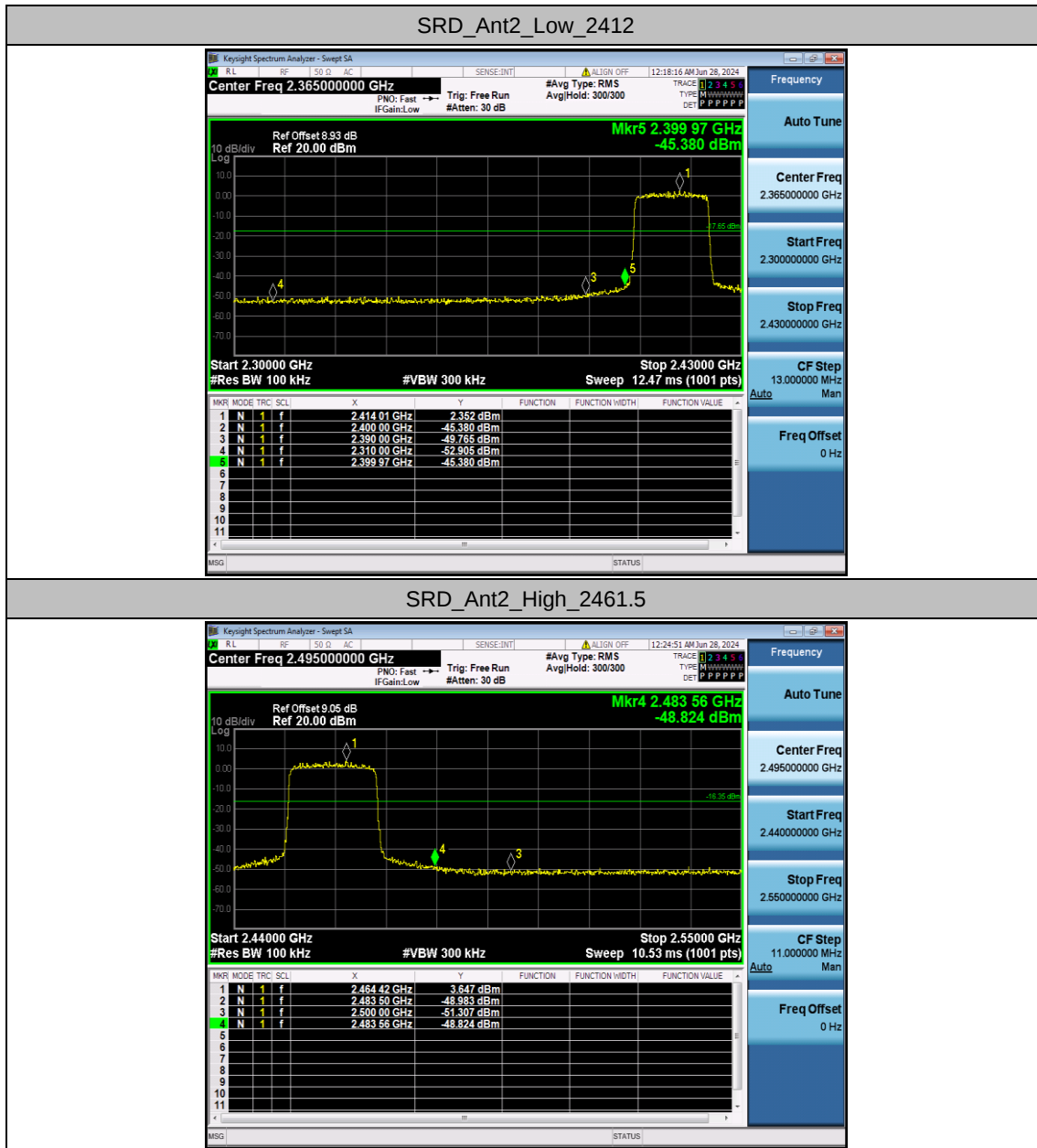


Appendix A.5: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant2	Low	2412	2.35	-45.38	≤ -17.65	PASS
		High	2461.5	3.65	-48.82	≤ -16.35	PASS

Test Graphs

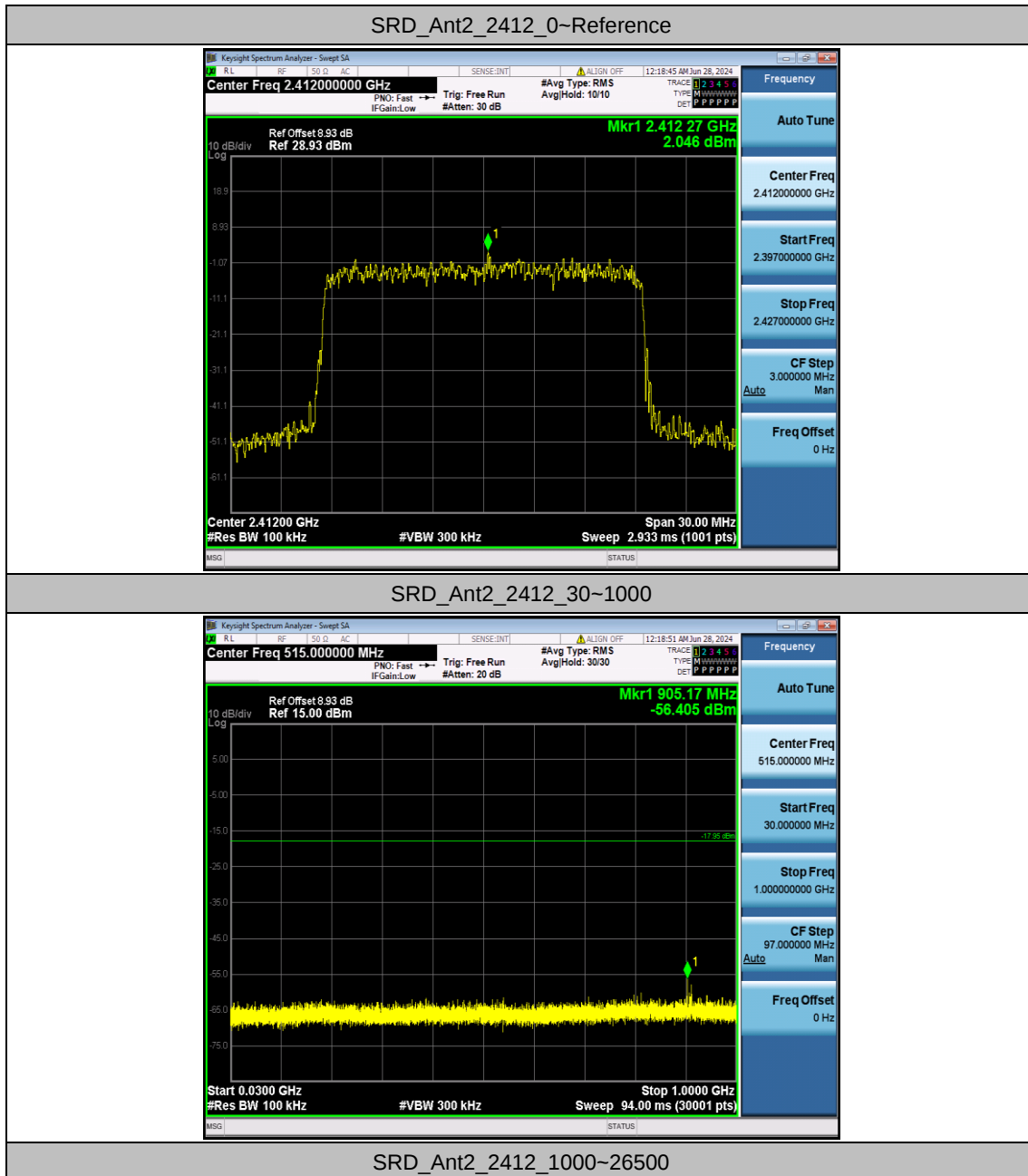


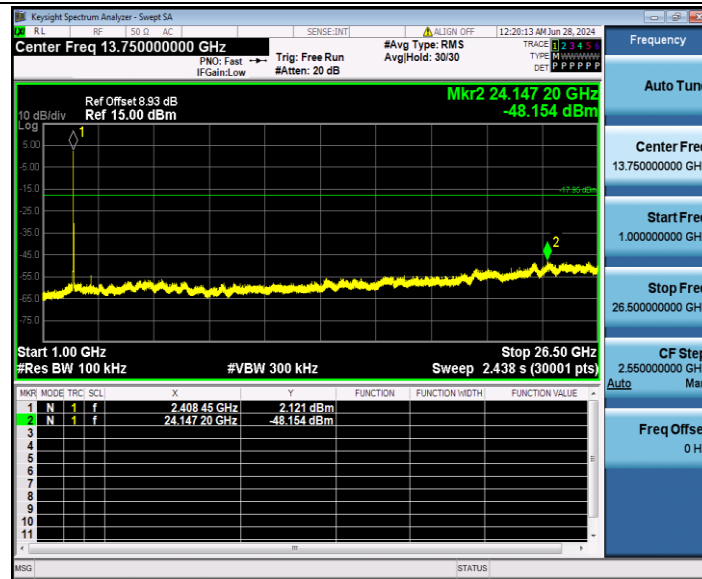
Appendix A.6: Conducted Spurious Emission

Test Result

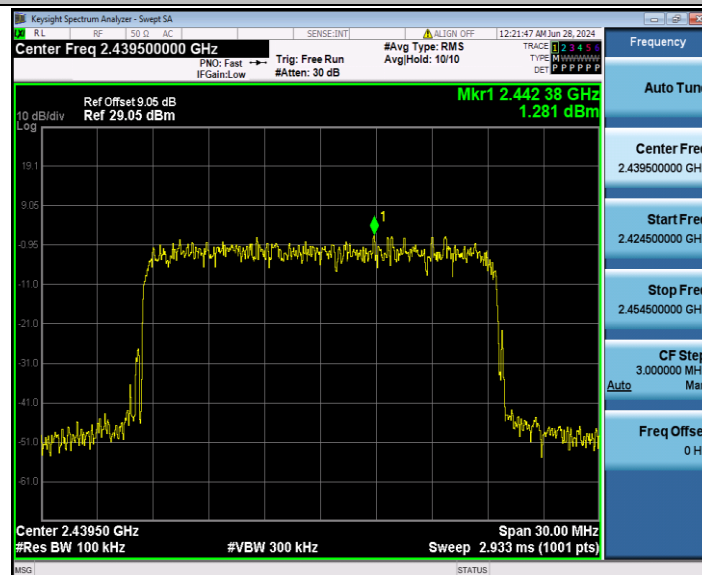
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant2	2412	Reference	2.05	2.05	---	PASS
			30~1000	2.05	-56.41	≤ -17.95	PASS
			1000~26500	2.05	-48.15	≤ -17.95	PASS
		2439.5	Reference	1.28	1.28	---	PASS
			30~1000	1.28	-48.79	≤ -18.72	PASS
			1000~26500	1.28	-47.94	≤ -18.72	PASS
		2461.5	Reference	1.30	1.30	---	PASS
			30~1000	1.30	-48.07	≤ -18.7	PASS
			1000~26500	1.30	-47.86	≤ -18.7	PASS

Test Graphs

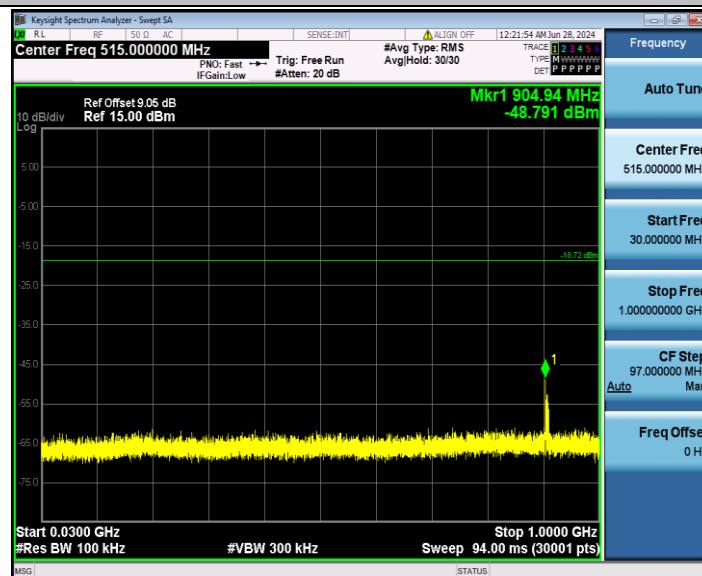




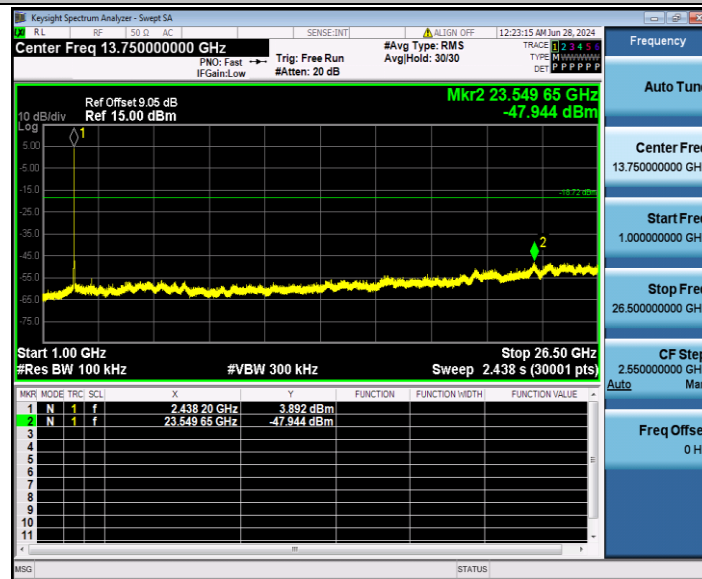
SRD_Ant2_2439.5_0~Reference



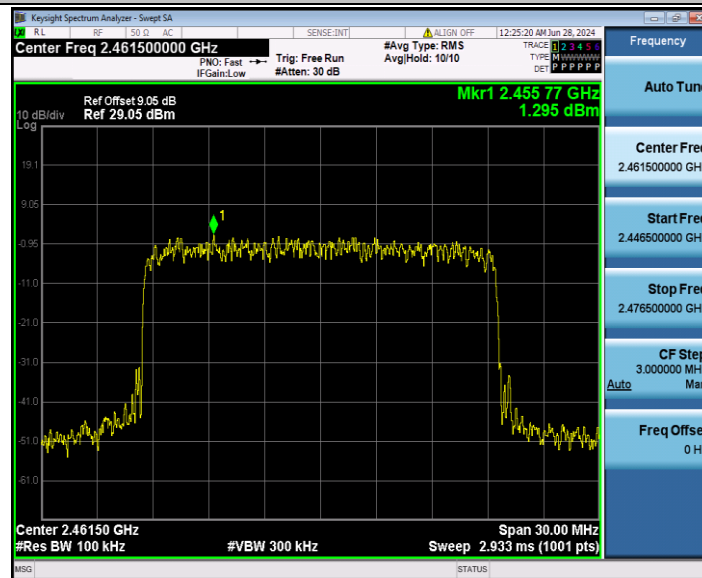
SRD_Ant2_2439.5_30~1000



SRD_Ant2_2439.5_1000-26500



SRD_Ant2_2461.5_0-Reference



SRD_Ant2_2461.5_30-1000

