

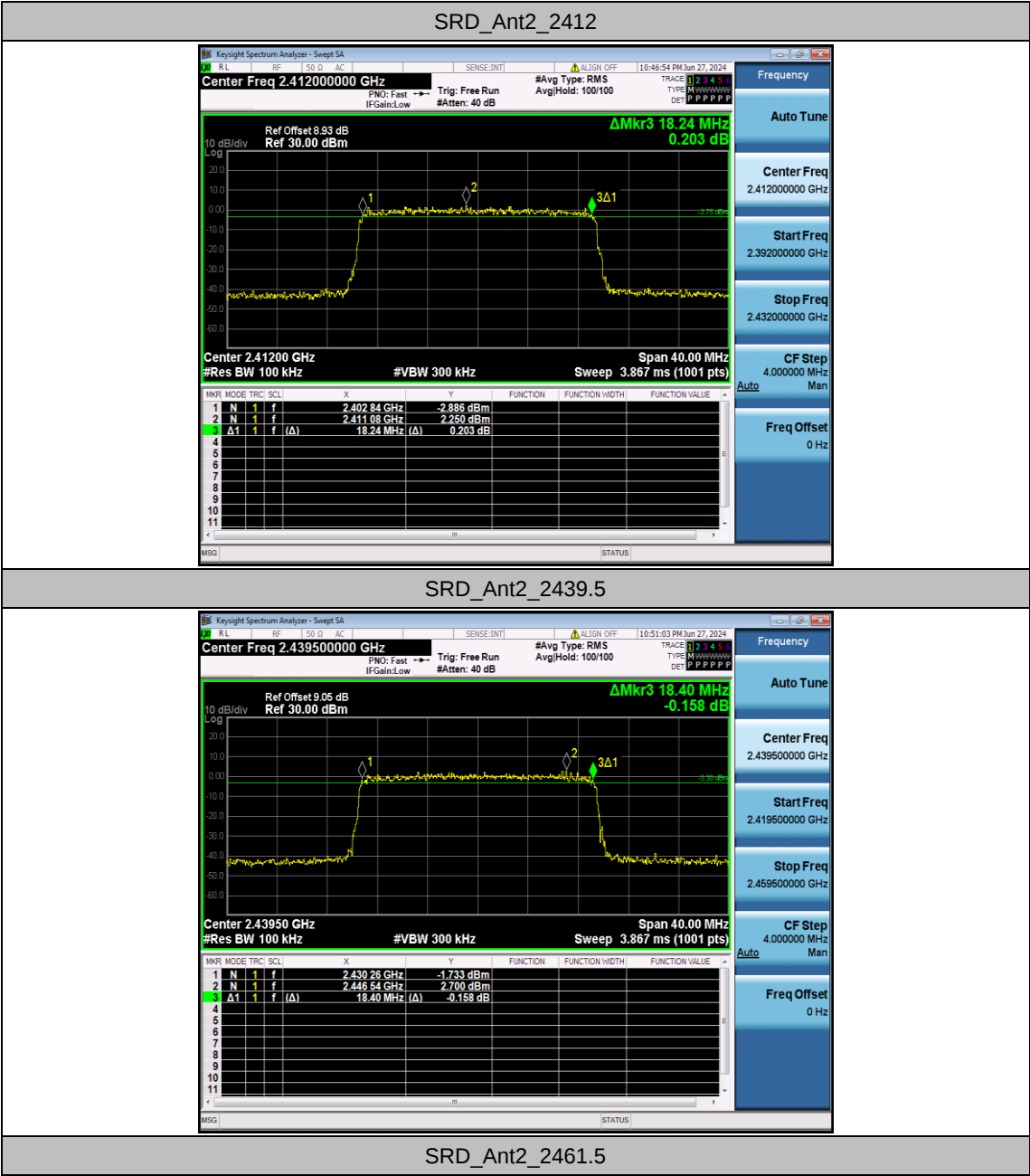
Case No. : <u>GTS20240521003-1-14</u>	
Ambient Condition: <u>23</u> °C, <u>51</u> %RH,	
Test Date: <u>2024.11.26</u>	Test Engineer: <u>Evan ouyang</u>

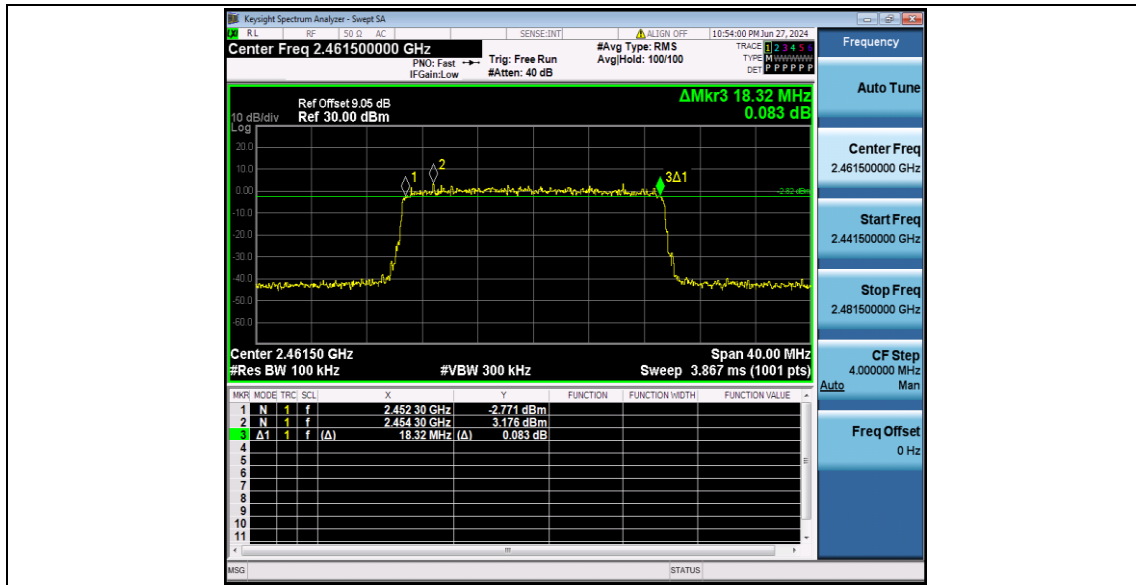
Appendix A.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant2	2412	18.240	2402.840	2421.080	0.5	PASS
		2439.5	18.400	2430.260	2448.660	0.5	PASS
		2461.5	18.320	2452.300	2470.620	0.5	PASS

Test Graphs



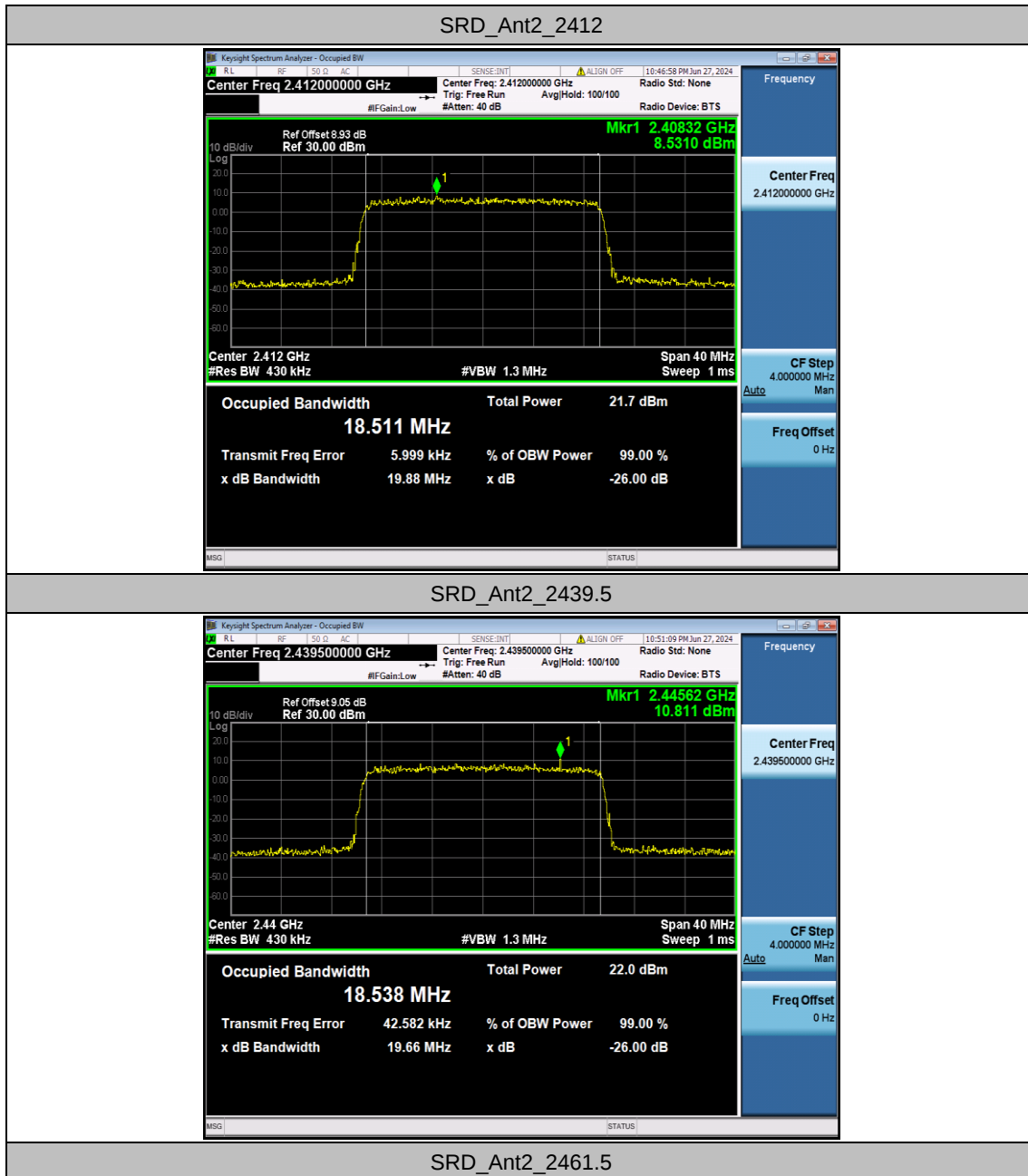


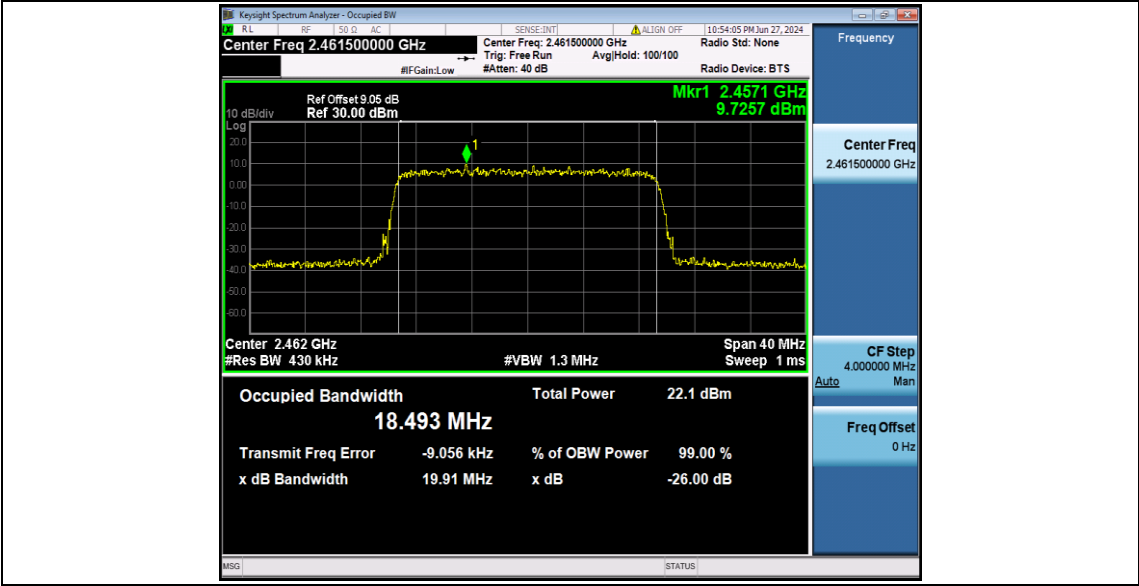
Appendix A.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant2	2412	18.511	2402.7505	2421.2615	---	---
		2439.5	18.538	2430.2736	2448.8116	---	---
		2461.5	18.493	2452.2444	2470.7374	---	---

Test Graphs





Appendix A.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
SRD	Ant2	2412	22.18	≤30.00	PASS
		2439.5	22.54	≤30.00	PASS
		2461.5	22.68	≤30.00	PASS

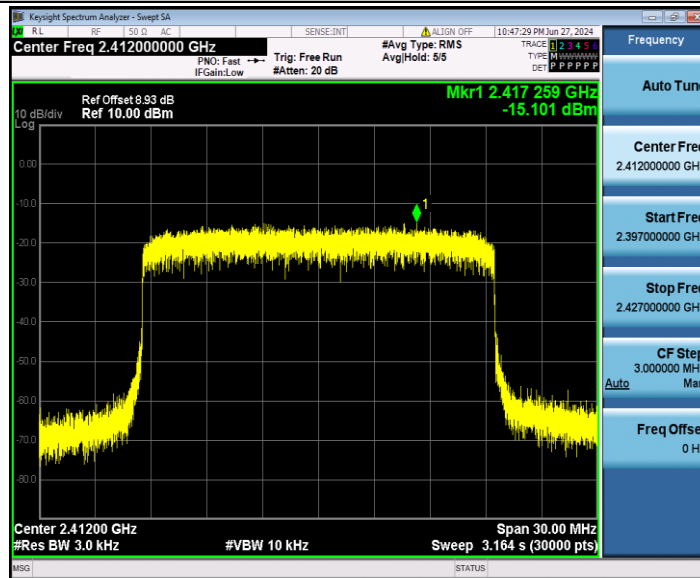
Appendix A.4: Maximum power spectral density

Test Result

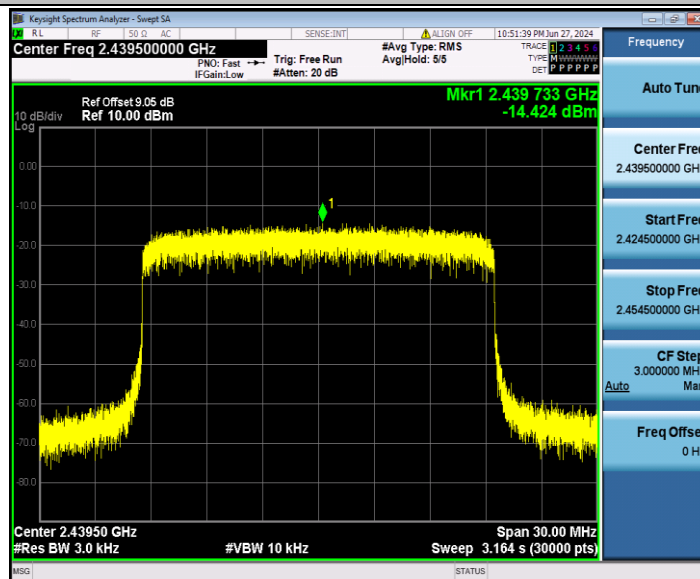
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
SRD	Ant2	2412	-15.10	≤8.00	PASS
		2439.5	-14.42	≤8.00	PASS
		2461.5	-14.11	≤8.00	PASS

Test Graphs

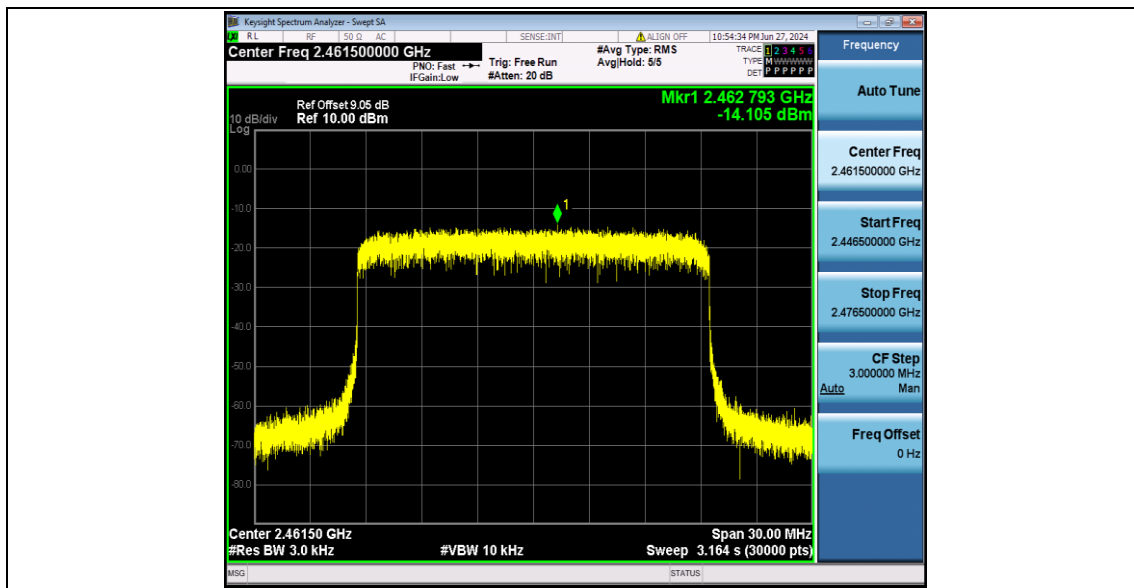
SRD_Ant2_2412



SRD_Ant2_2439.5



SRD_Ant2_2461.5

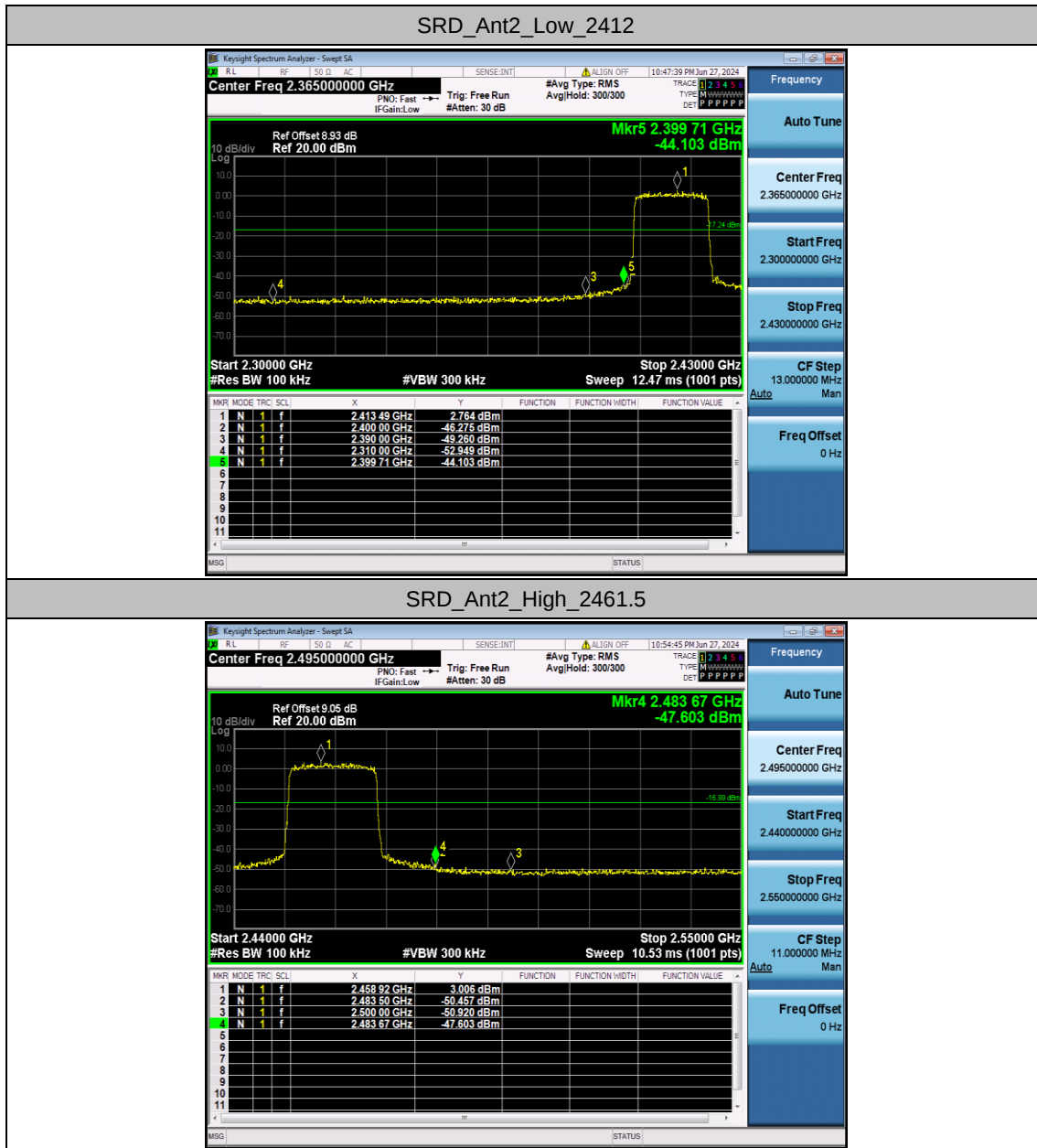


Appendix A.5: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant2	Low	2412	2.76	-44.1	≤ -17.24	PASS
		High	2461.5	3.01	-47.6	≤ -16.99	PASS

Test Graphs

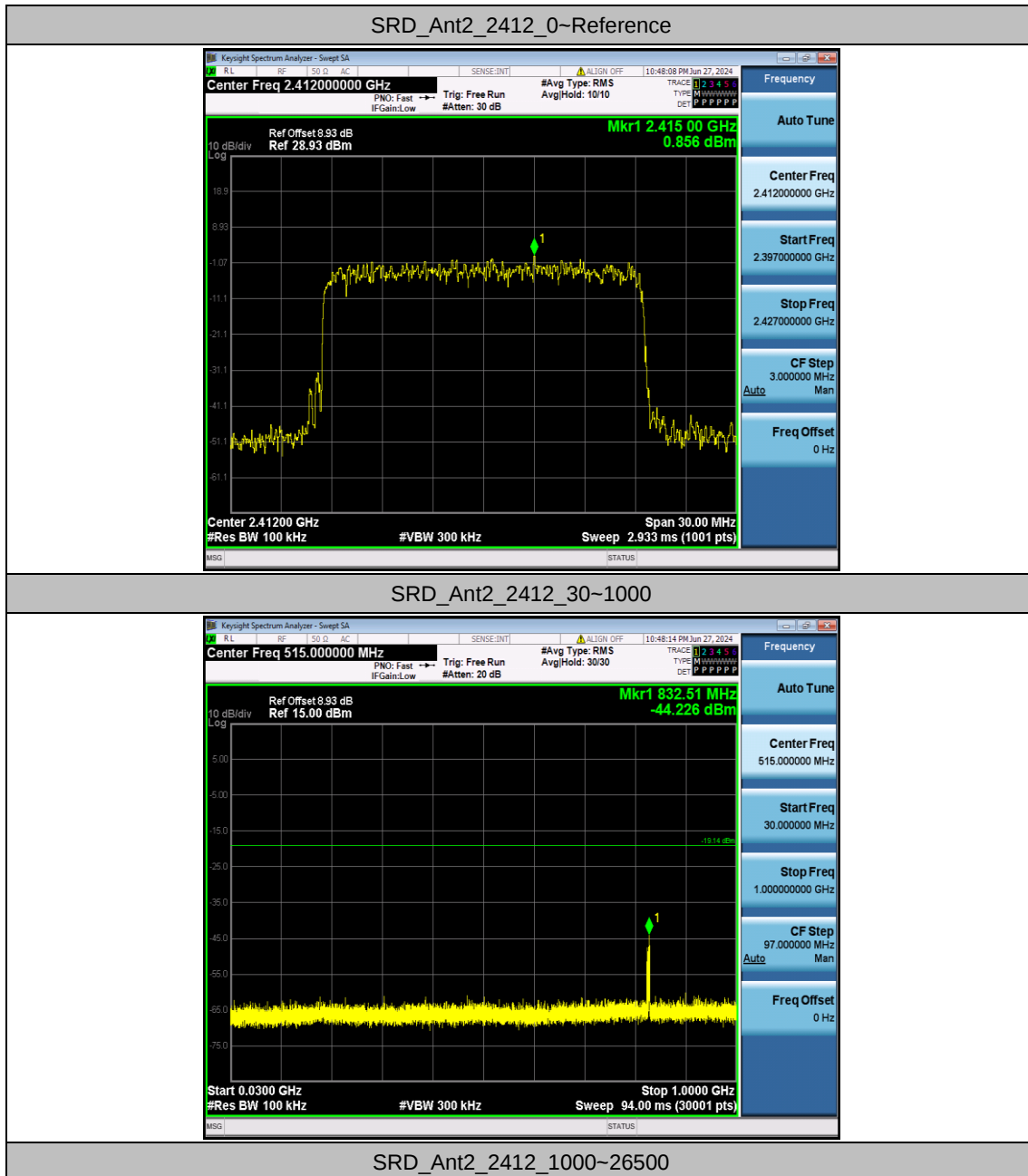


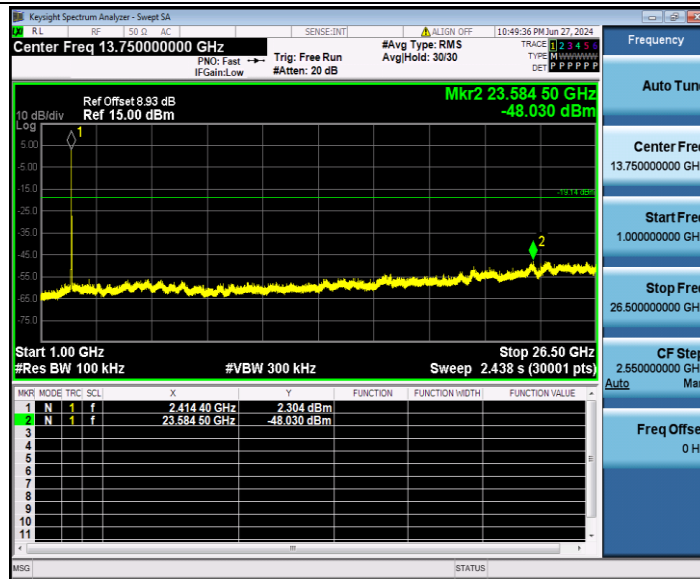
Appendix A.6: Conducted Spurious Emission

Test Result

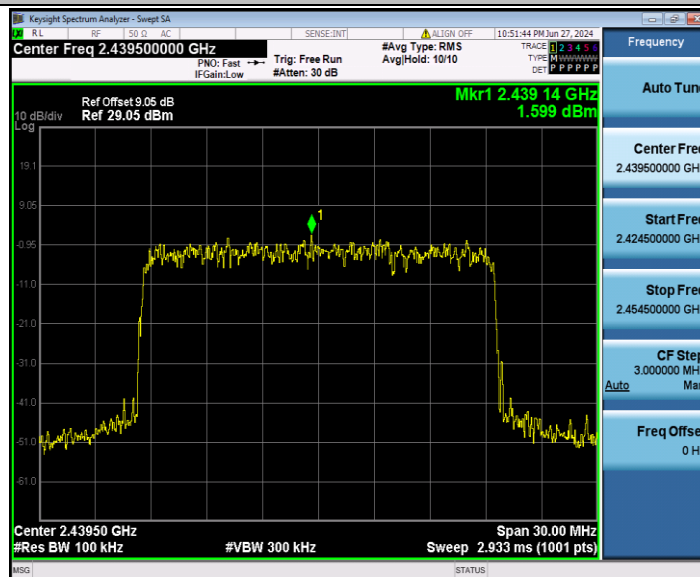
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
SRD	Ant2	2412	Reference	0.86	0.86	---	PASS
			30~1000	0.86	-44.23	≤ -19.14	PASS
			1000~26500	0.86	-48.03	≤ -19.14	PASS
		2439.5	Reference	1.60	1.60	---	PASS
			30~1000	1.60	-42.75	≤ -18.4	PASS
			1000~26500	1.60	-47.82	≤ -18.4	PASS
		2461.5	Reference	2.61	2.61	---	PASS
			30~1000	2.61	-60.99	≤ -17.39	PASS
			1000~26500	2.61	-48.04	≤ -17.39	PASS

Test Graphs

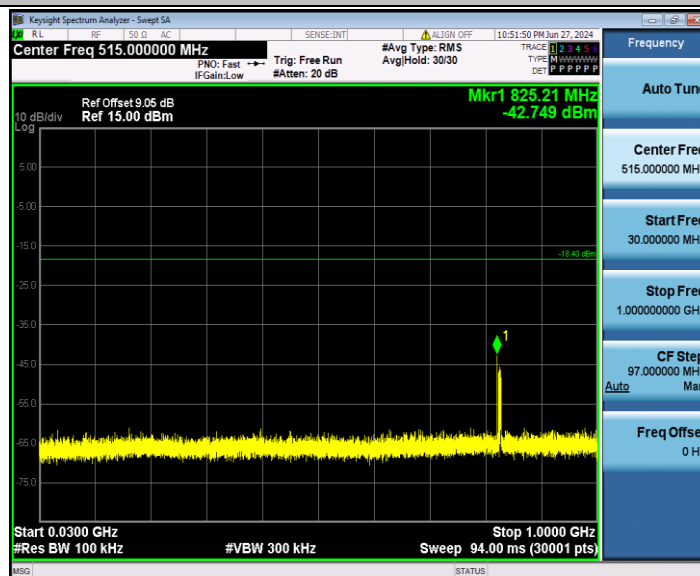




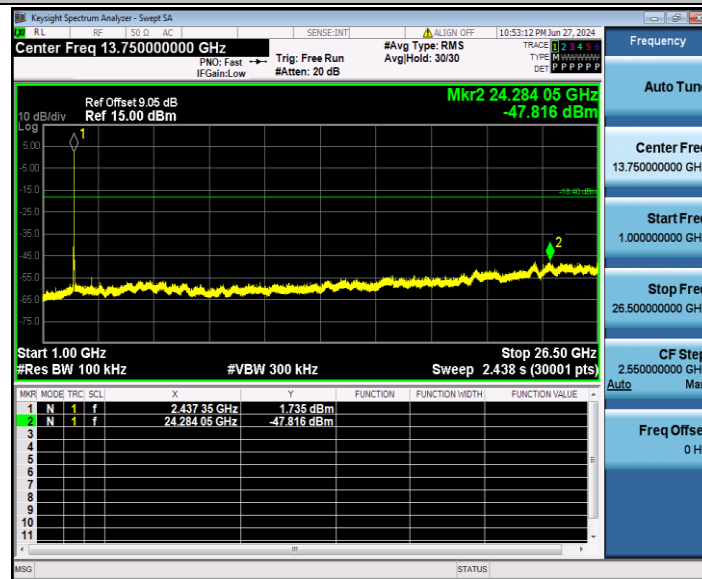
SRD_Ant2_2439.5_0~Reference



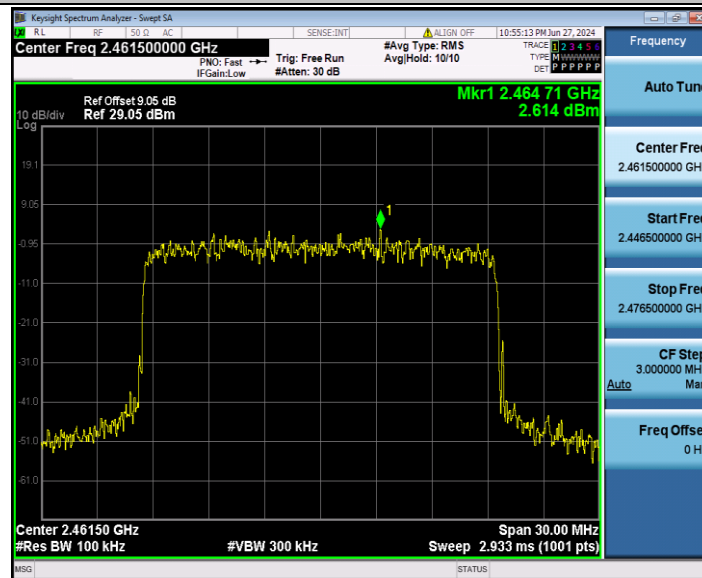
SRD_Ant2_2439.5_30~1000



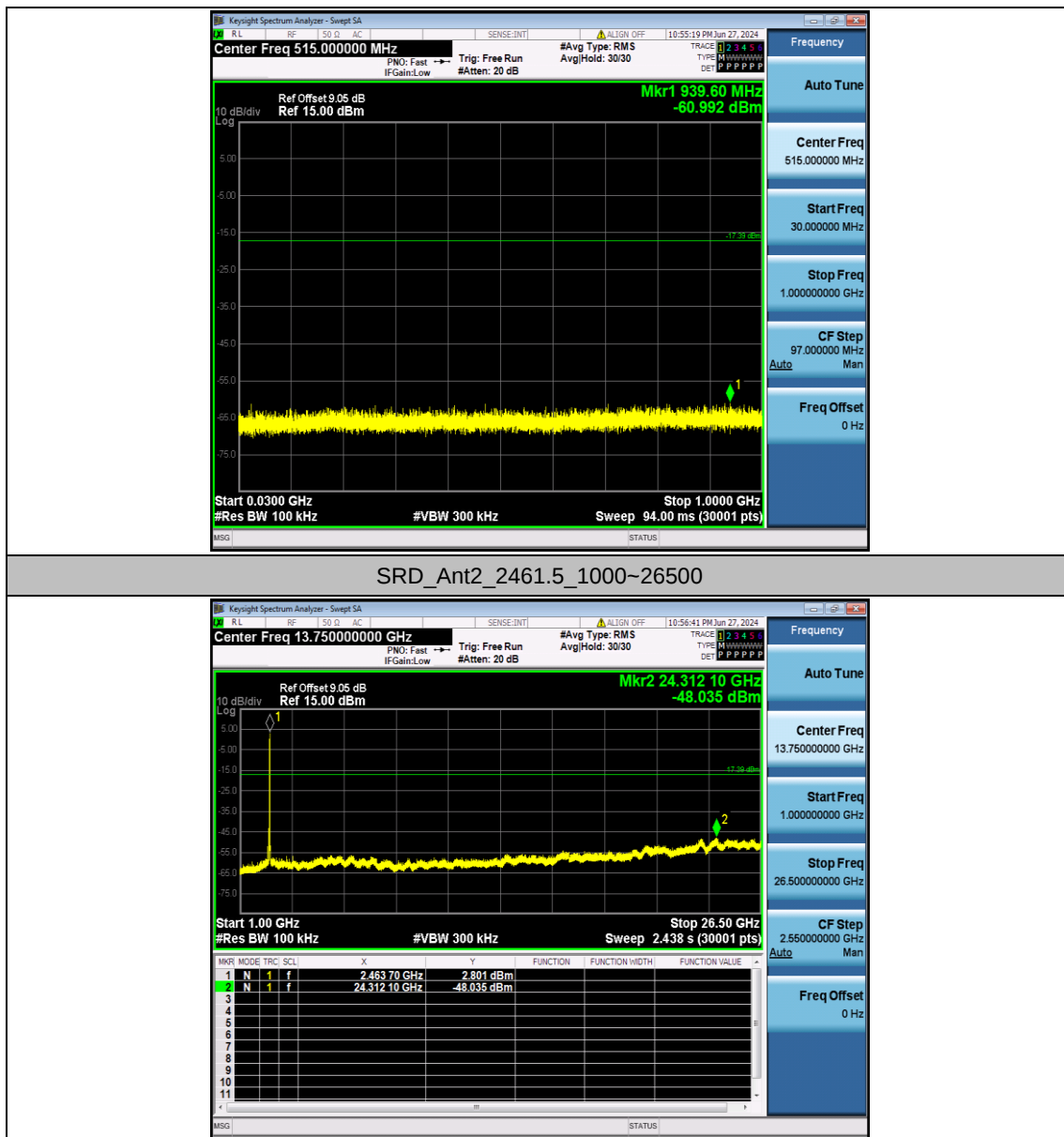
SRD_Ant2_2439.5_1000~26500



SRD_Ant2_2461.5_0~Reference



SRD_Ant2_2461.5_30~1000



Appendix A.7: Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Frequenc y[MHz]	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
SRD	Ant2	Low	2412	AV	2310.000	-49.41	≤-41.20	45.79	≤54	PASS
				AV	2389.960	-46.73	≤-41.20	48.47	≤54	PASS
				AV	2390.000	-46.73	≤-41.20	48.47	≤54	PASS
				Peak	2310.000	-46.82	≤-21.20	48.38	≤74	PASS
				Peak	2383.200	-37.98	≤-21.20	57.22	≤74	PASS
				Peak	2390.000	-42.61	≤-21.20	52.59	≤74	PASS
		High	2461.5	AV	2483.500	-46.5	≤-41.20	48.70	≤54	PASS
				AV	2483.670	-46.56	≤-41.20	48.64	≤54	PASS
				AV	2500.000	-48.53	≤-41.20	46.67	≤54	PASS
				Peak	2483.500	-42.62	≤-21.20	52.58	≤74	PASS
				Peak	2492.580	-40.25	≤-21.20	54.95	≤74	PASS
				Peak	2500.000	-43	≤-21.20	52.20	≤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

