

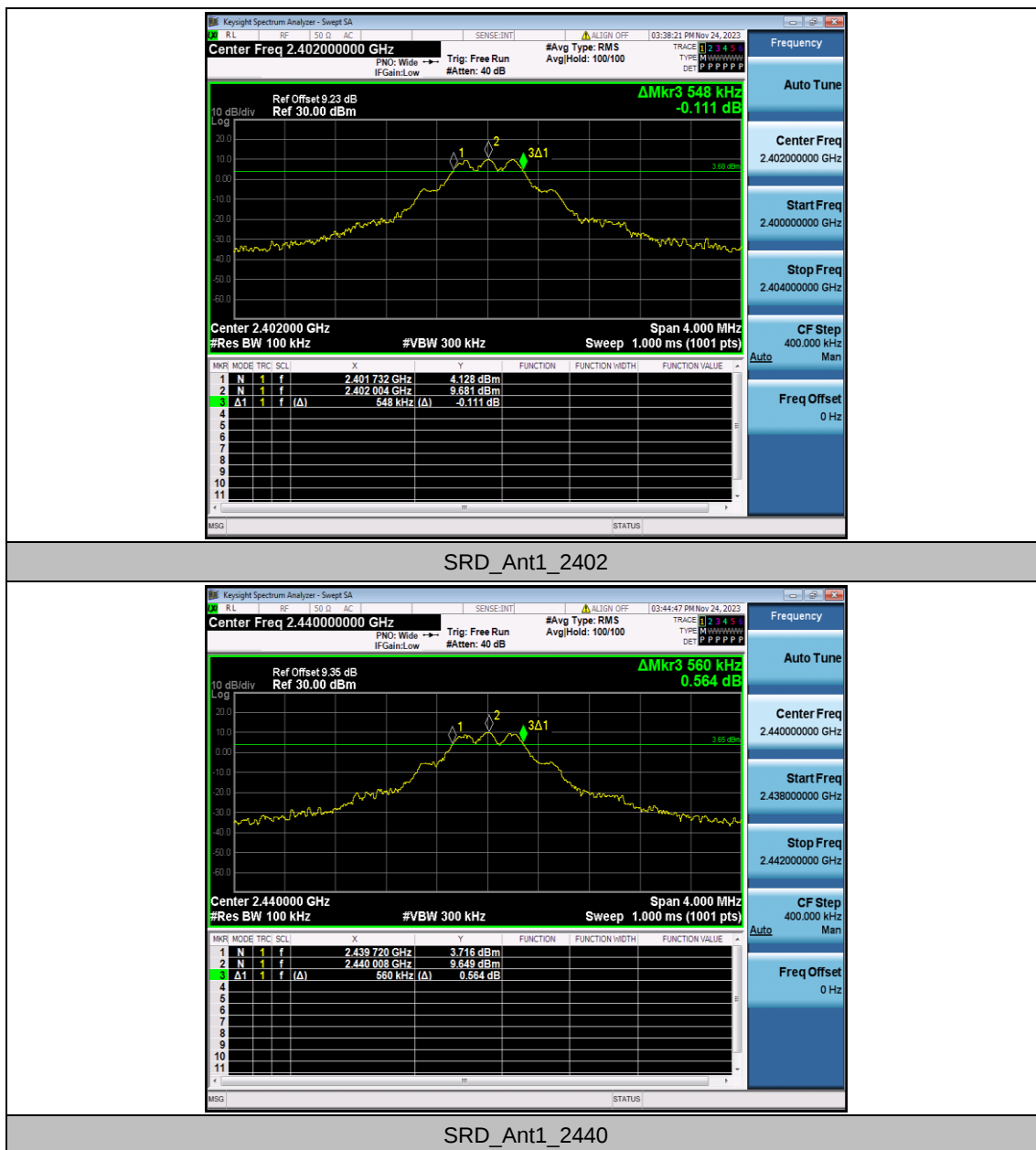
Case No. : <u>GTS20230504018-1-11</u>	
Ambient Condition: <u>24</u> °C, <u>49</u> %RH, Atmos100.1Kpa,	
Test Date: <u>2023.11.24</u>	Test Engineer: <u>Evan ouyang</u>

Appendix B.1: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2402	0.548	2401.732	2402.280	0.5	PASS
		2440	0.560	2439.720	2440.280	0.5	PASS
		2477.5	0.556	2477.228	2477.784	0.5	PASS

Test Graphs





SRD_Ant1_2477.5

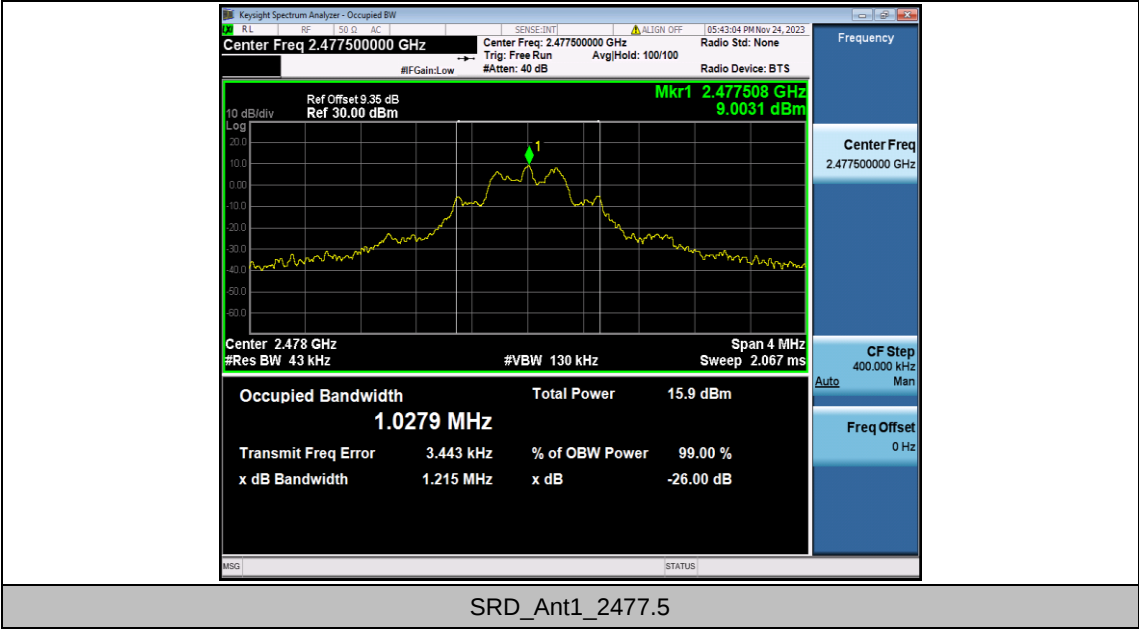
Appendix B.2: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
SRD	Ant1	2402	1.0250	2401.491	2402.516	---	---
		2440	1.0276	2439.488	2440.515	---	---
		2477.5	1.0279	2476.989	2478.017	---	---

Test Graphs





Appendix B.3: Maximum conducted output power

Test Result Peak

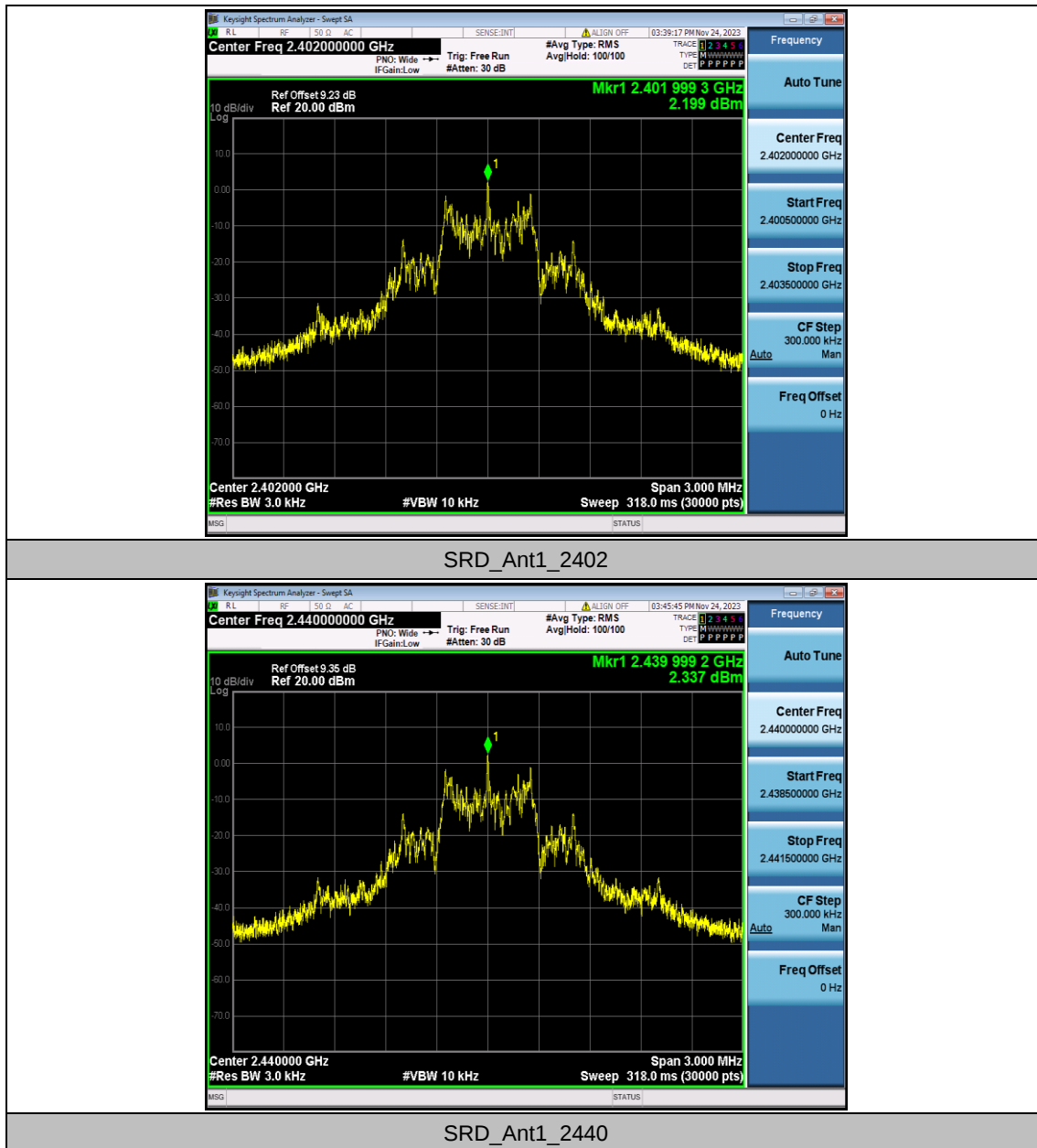
Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
SRD	Ant1	2402	6.74	≤30	PASS
		2440	6.94	≤30	PASS
		2477.5	6.84	≤30	PASS

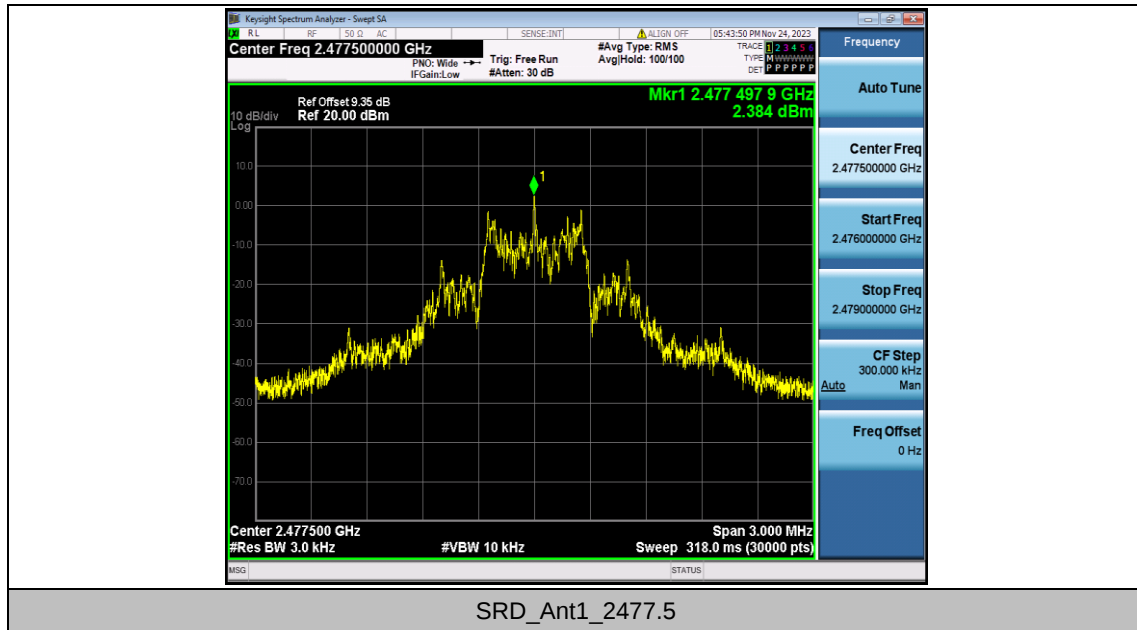
Appendix B.4: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
SRD	Ant1	2402	2.2	≤8.00	PASS
		2440	2.34	≤8.00	PASS
		2477.5	2.38	≤8.00	PASS

Test Graphs



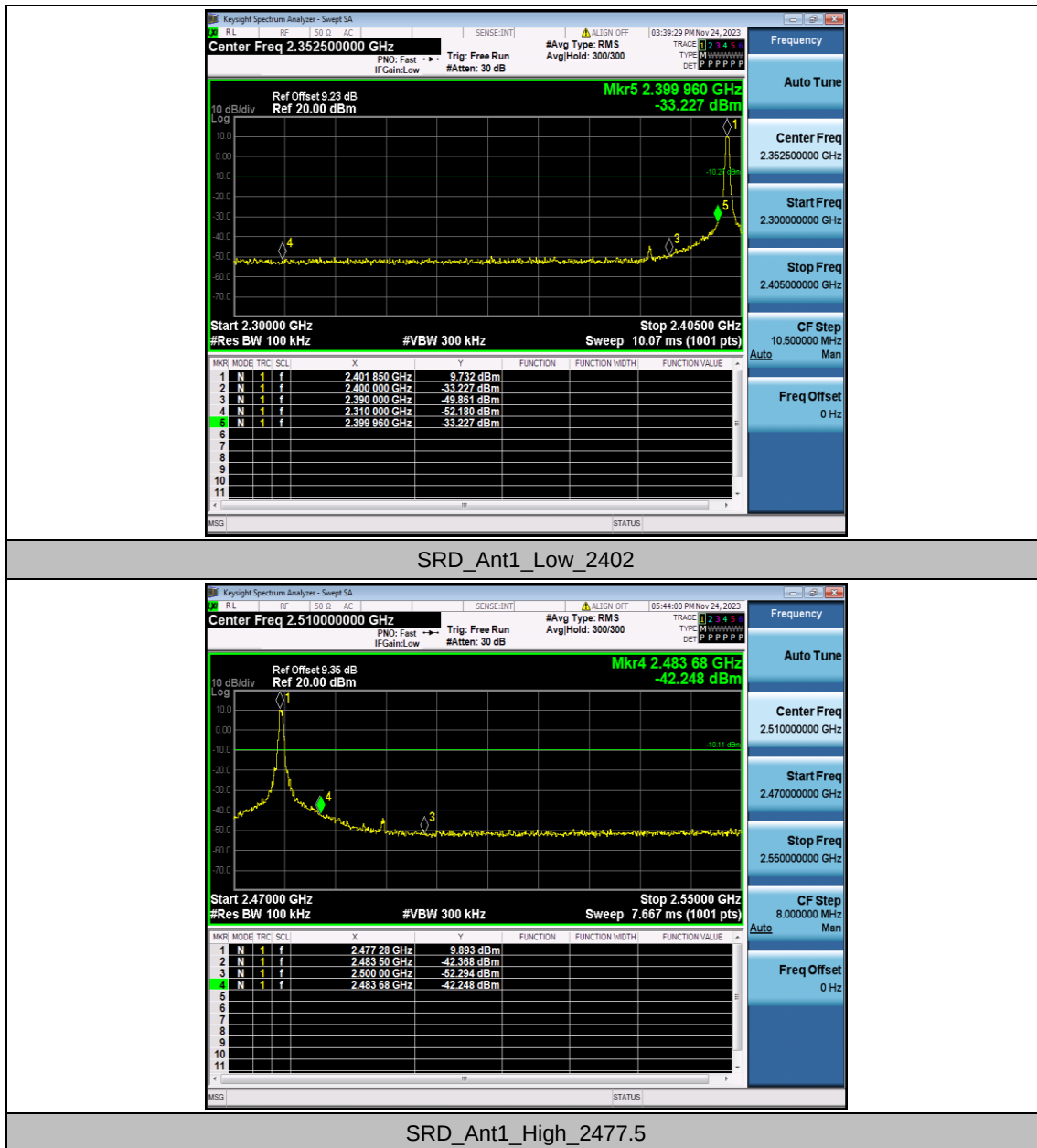


Appendix B.5: Band edge measurements

Test Result

Test Mode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	Low	2402	9.73	-33.23	≤-10.27	PASS
		High	2477.5	9.89	-42.25	≤-10.11	PASS

Test Graphs

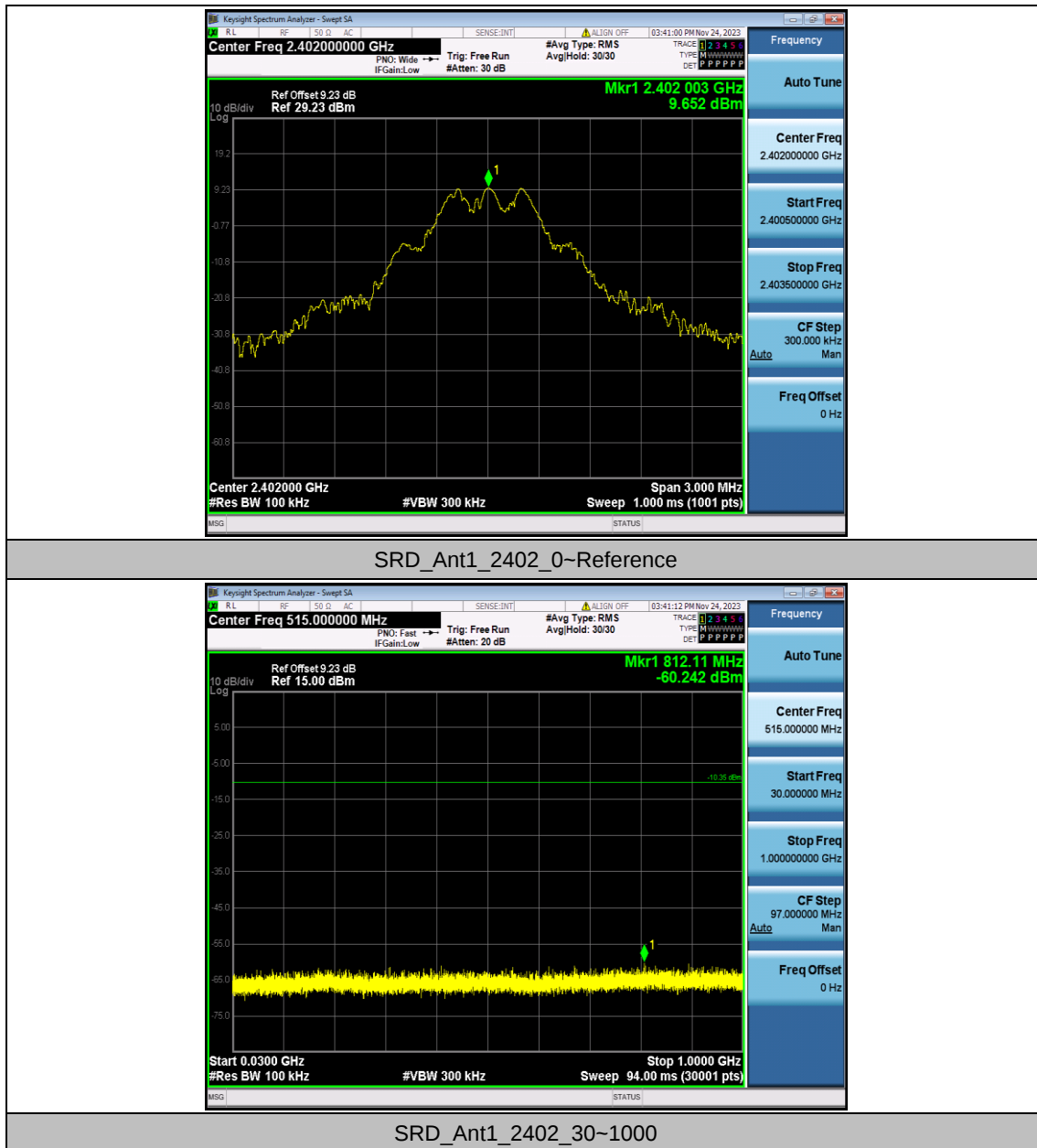


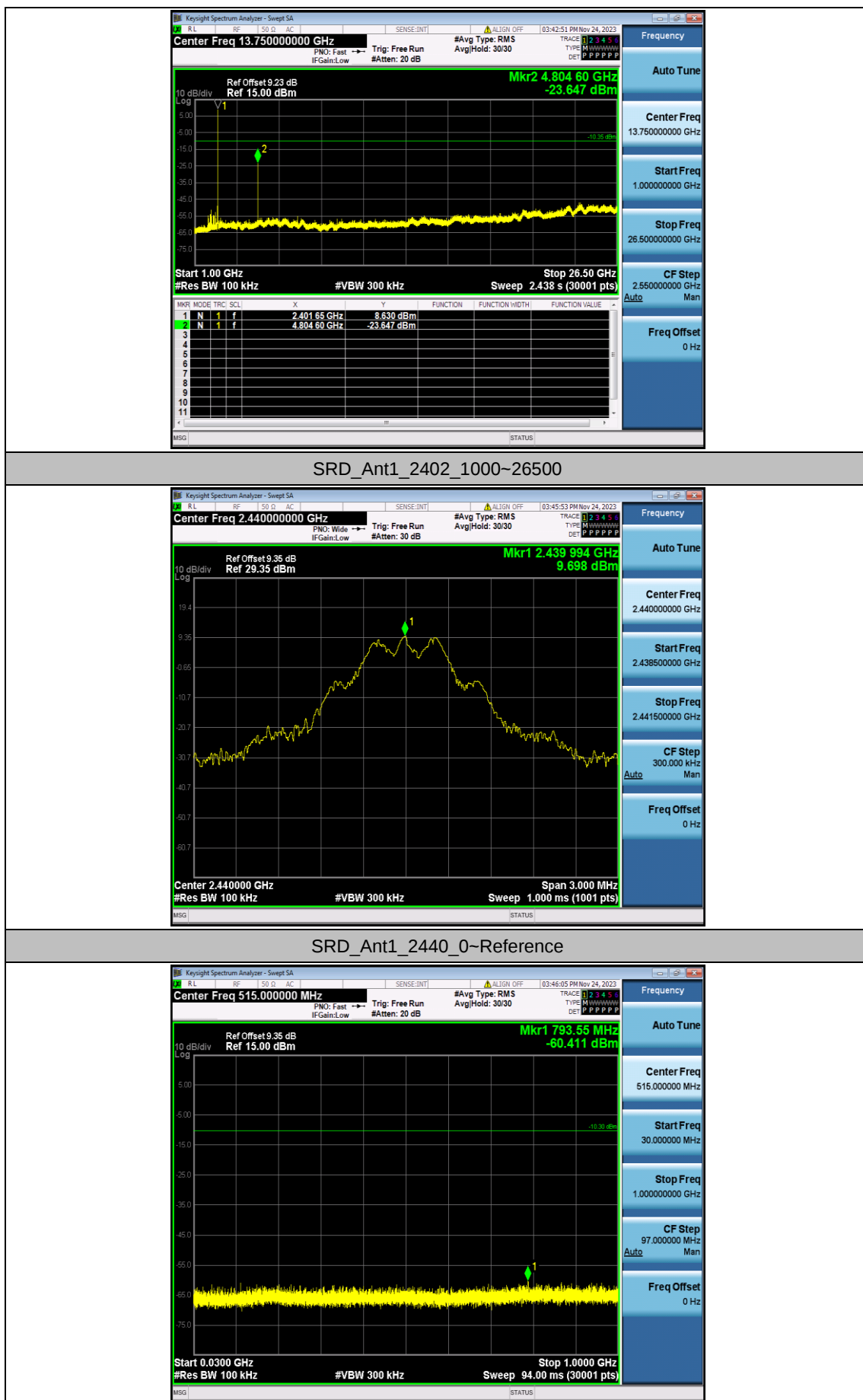
Appendix B.6: Conducted Spurious Emission

Test Result

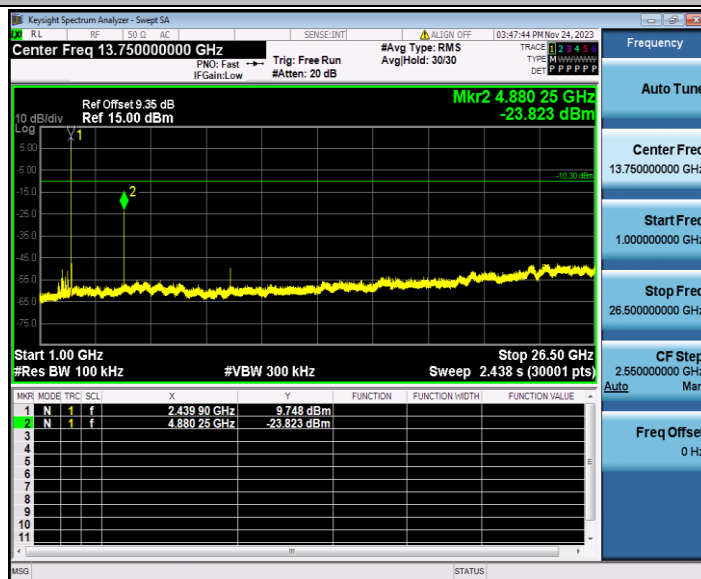
Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
SRD	Ant1	2402	Reference	9.65	9.65	---	PASS
			30~1000	9.65	-60.24	≤ -10.35	PASS
			1000~26500	9.65	-23.65	≤ -10.35	PASS
		2440	Reference	9.70	9.70	---	PASS
			30~1000	9.70	-60.41	≤ -10.3	PASS
			1000~26500	9.70	-23.82	≤ -10.3	PASS
		2477.5	Reference	9.82	9.82	---	PASS
			30~1000	9.82	-60.35	≤ -10.18	PASS
			1000~26500	9.82	-28.19	≤ -10.18	PASS

Test Graphs





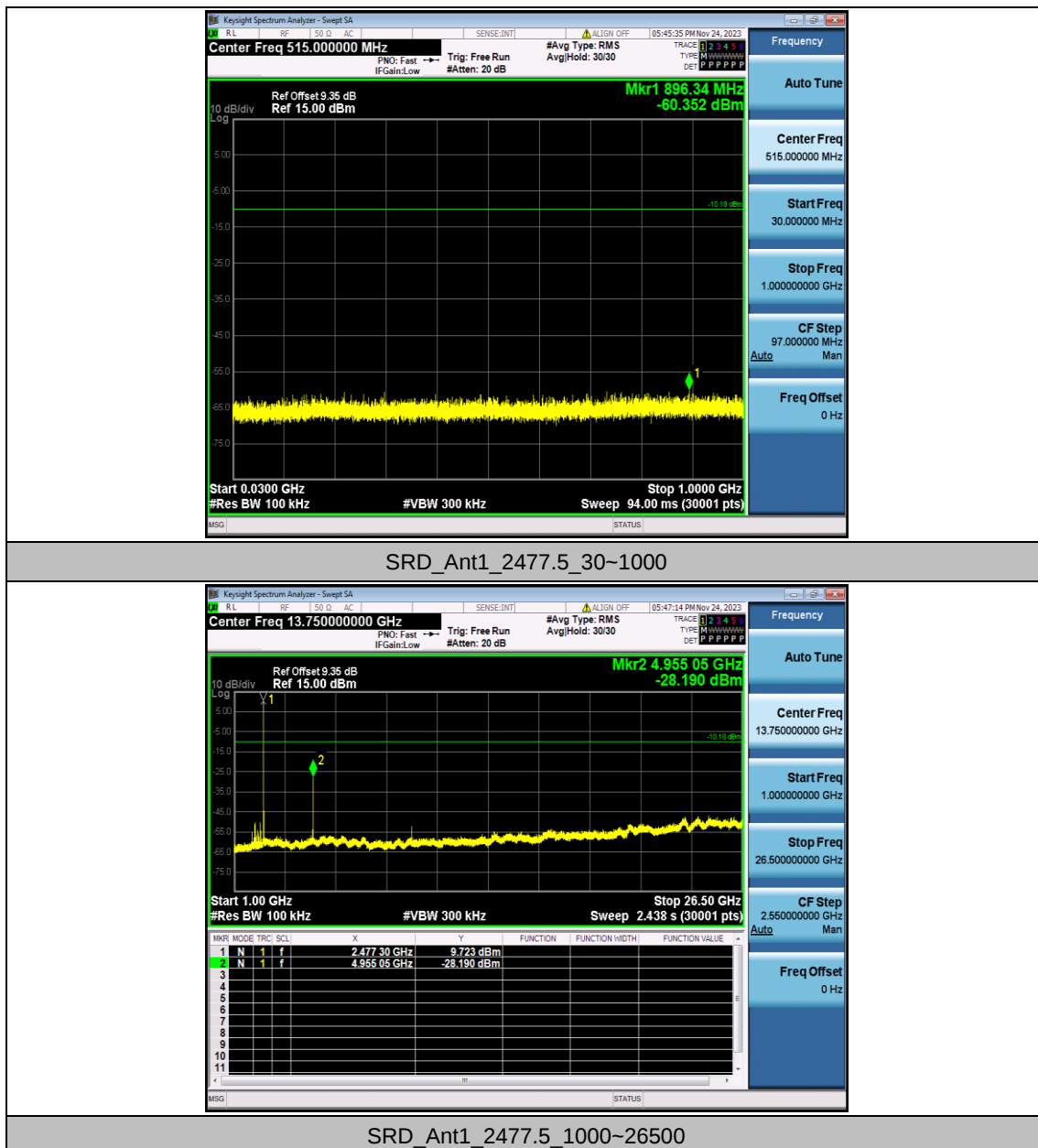
SRD_Ant1_2440_30~1000



SRD_Ant1_2440_1000~26500



SRD_Ant1_2477.5_0~Reference



Appendix B.7: Emissions in Restricted Bands

Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
SRD	Ant1	Low	2402	AV	2310.000	-49.01	≤-41.20	46.19	≤54	PASS
				AV	2385.890	-45.12	≤-41.20	50.08	≤54	PASS
				AV	2390.000	-45.78	≤-41.20	49.42	≤54	PASS
				Peak	2310.000	-42.5	≤-21.20	52.70	≤74	PASS
				Peak	2388.515	-37.64	≤-21.20	57.56	≤74	PASS
				Peak	2390.000	-39.51	≤-21.20	55.69	≤74	PASS
		High	2477.5	AV	2483.500	-41.51	≤-41.20	53.69	≤54	PASS
				AV	2483.520	-41.51	≤-41.20	53.69	≤54	PASS
				AV	2500.000	-48.37	≤-41.20	46.83	≤54	PASS
				Peak	2483.500	-34.68	≤-21.20	60.52	≤74	PASS
				Peak	2484.240	-32.78	≤-21.20	62.42	≤74	PASS
				Peak	2500.000	-42.72	≤-21.20	52.48	≤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

