

Appendix: 2.4G DSS

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Appendix A: 20dB Emission Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
TX	Ant1	2466	0.525	2465.715	2466.240	---	---
		2473	0.505	2472.733	2473.239	---	---
		2480	0.507	2479.736	2480.243	---	---

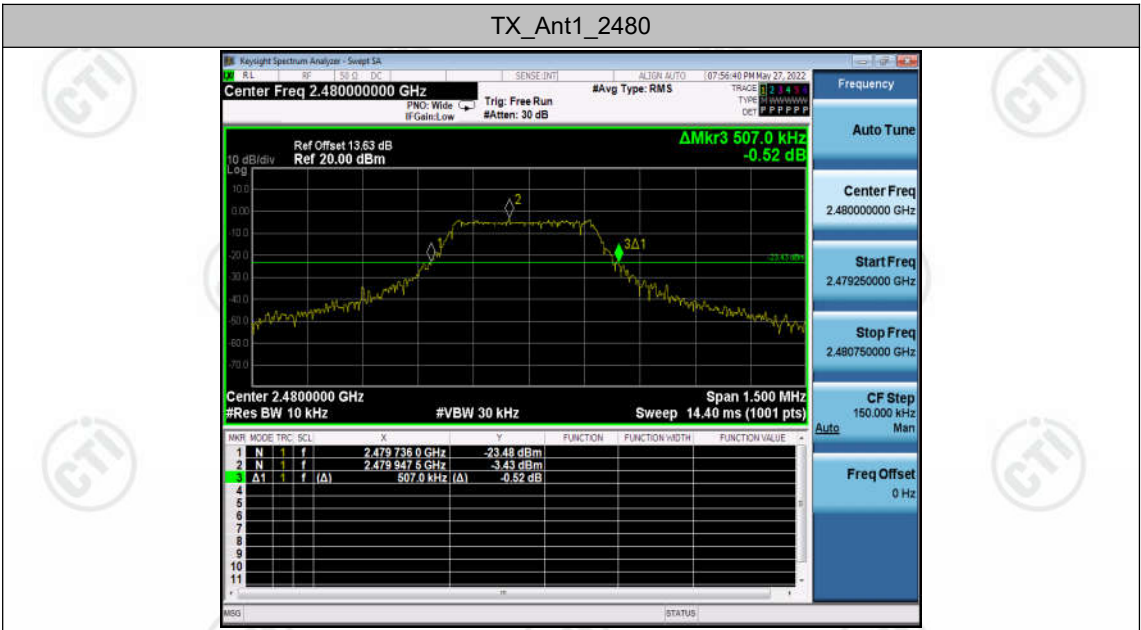
Test Graphs

TX_Ant1_2466



TX_Ant1_2473



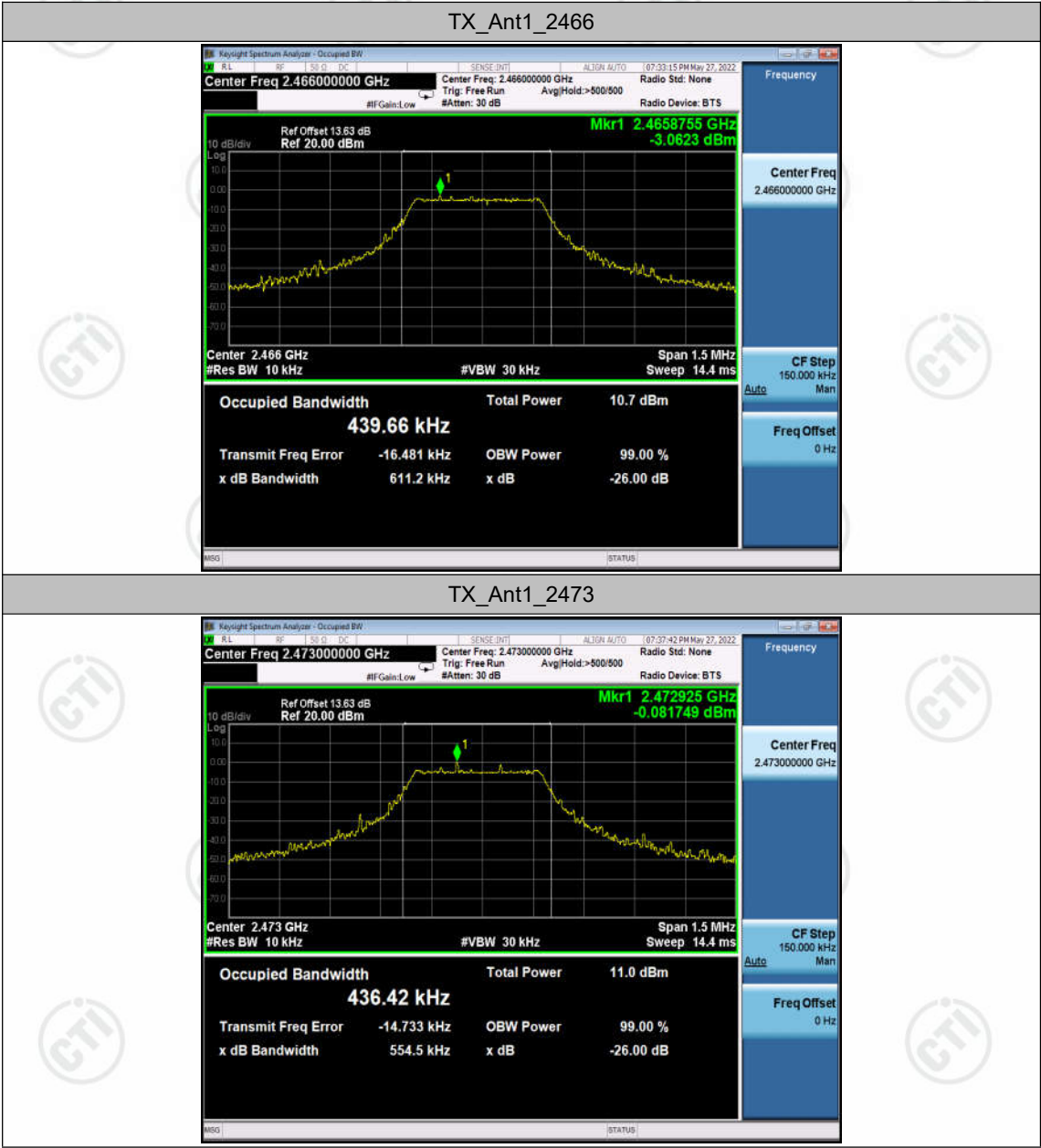


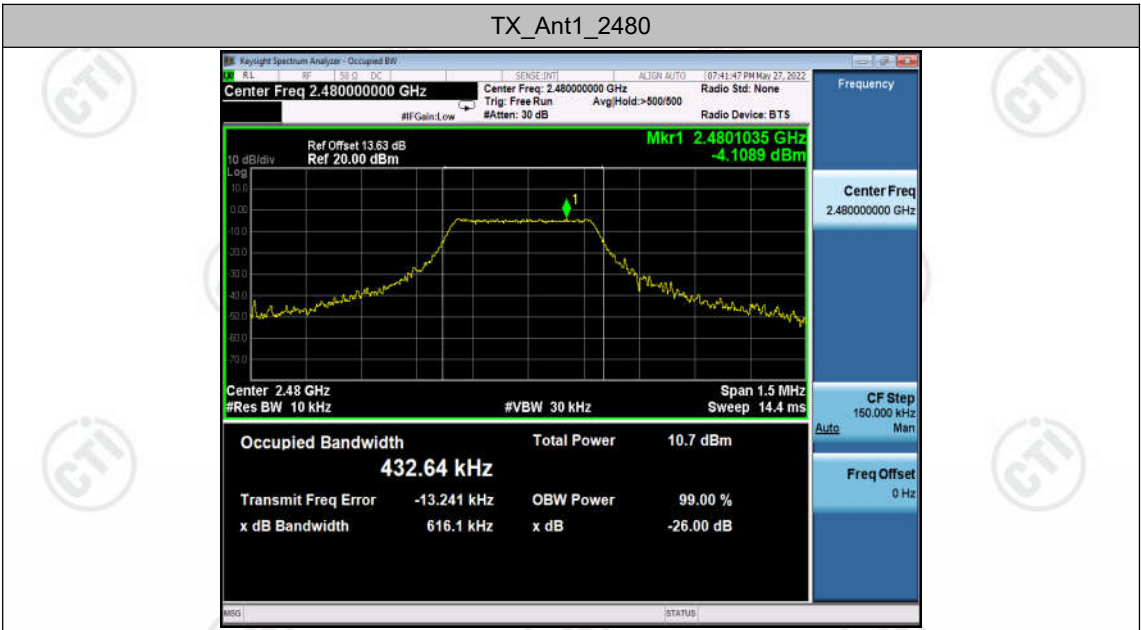
Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
TX	Ant1	2466	0.43952	2465.764	2466.203	---	---
		2473	0.43630	2472.767	2473.203	---	---
		2480	0.43283	2479.770	2480.203	---	---

Test Graphs



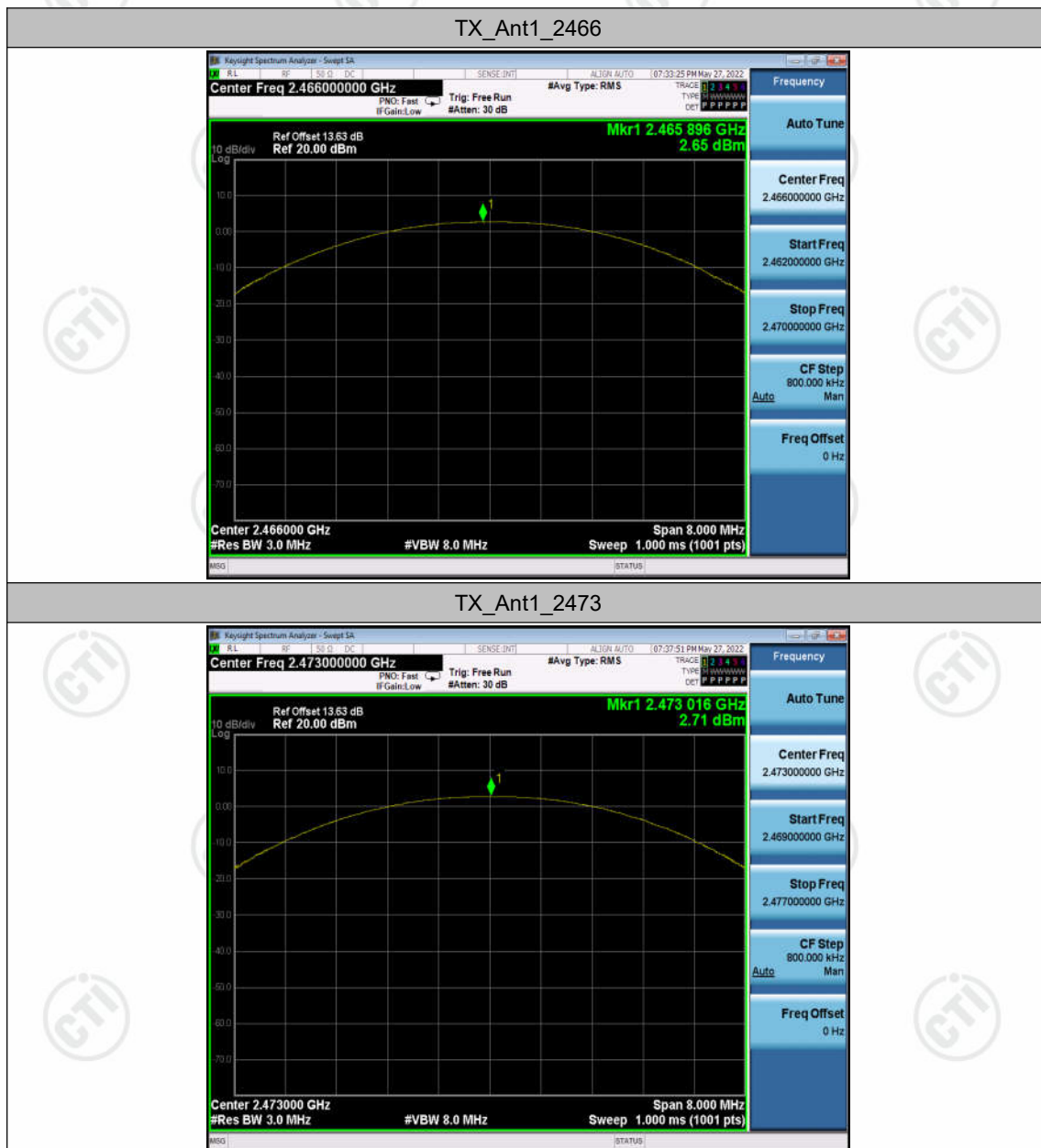


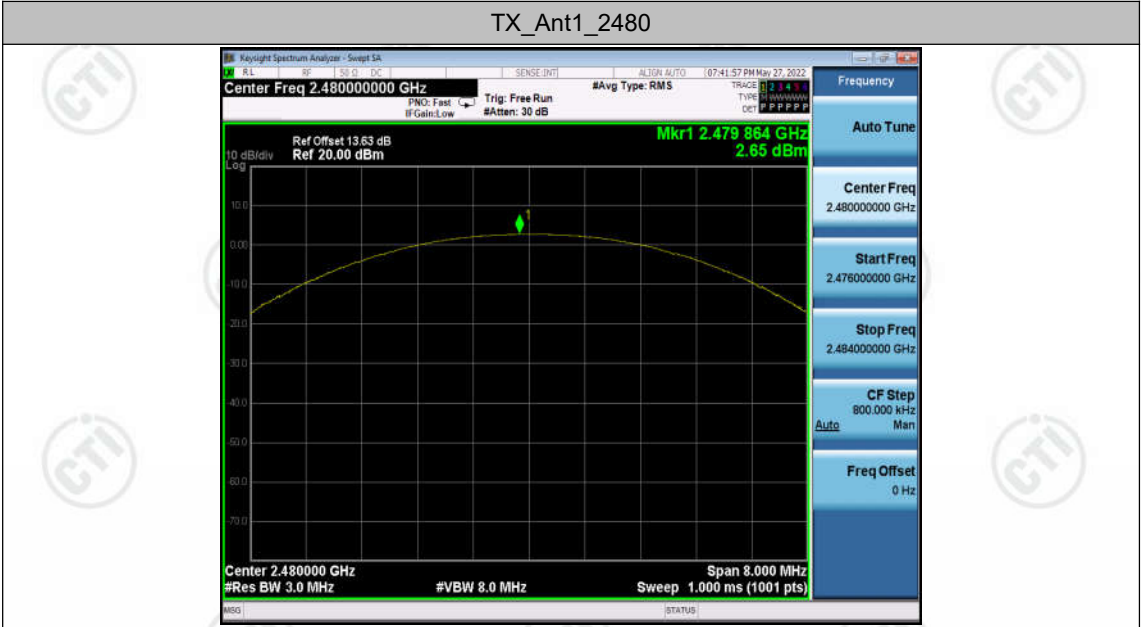
Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
TX	Ant1	2466	2.65	≤30	PASS
		2473	2.71	≤30	PASS
		2480	2.65	≤20.97	PASS

Test Graphs



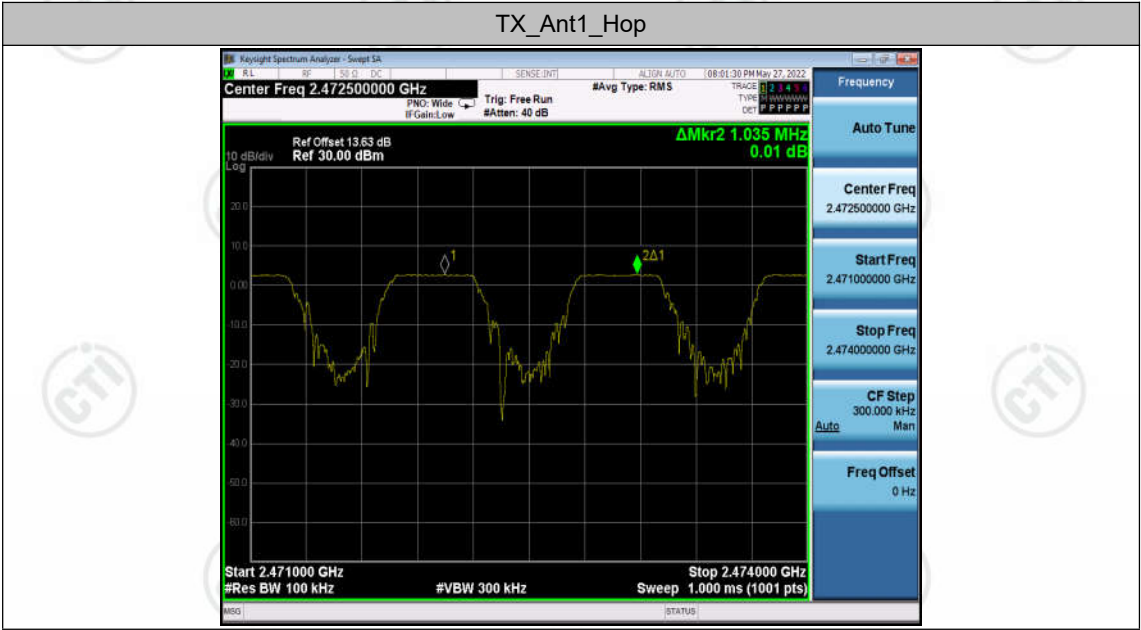


Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
TX	Ant1	Hop	1.035	≥0.507	PASS

Test Graphs

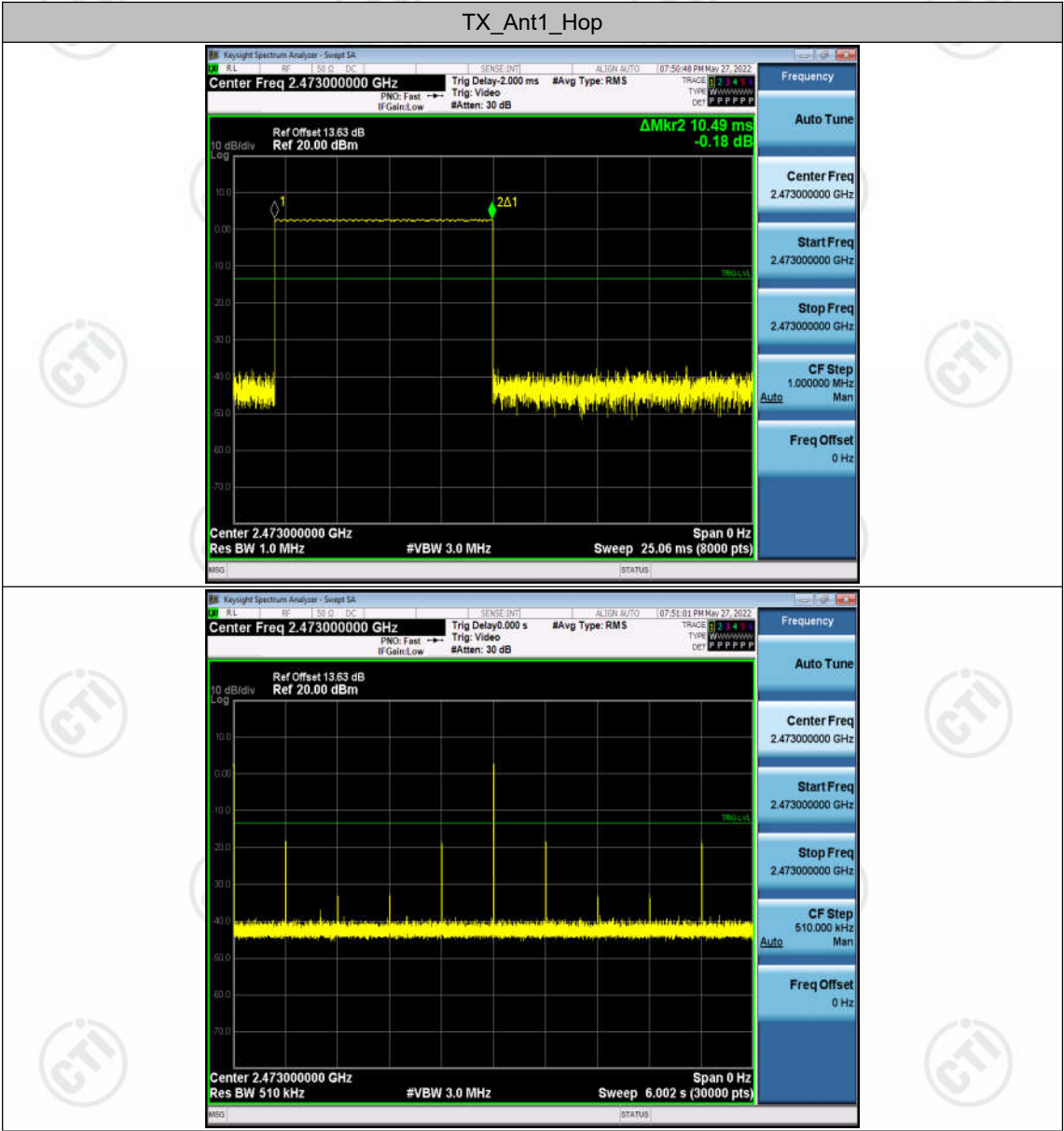


Appendix E: Time of occupancy

Test Result

Test Mode	Antenna	Frequency[MHz]	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
TX	Ant1	Hop	10.49	2	0.021	≤0.4	PASS

Test Graphs

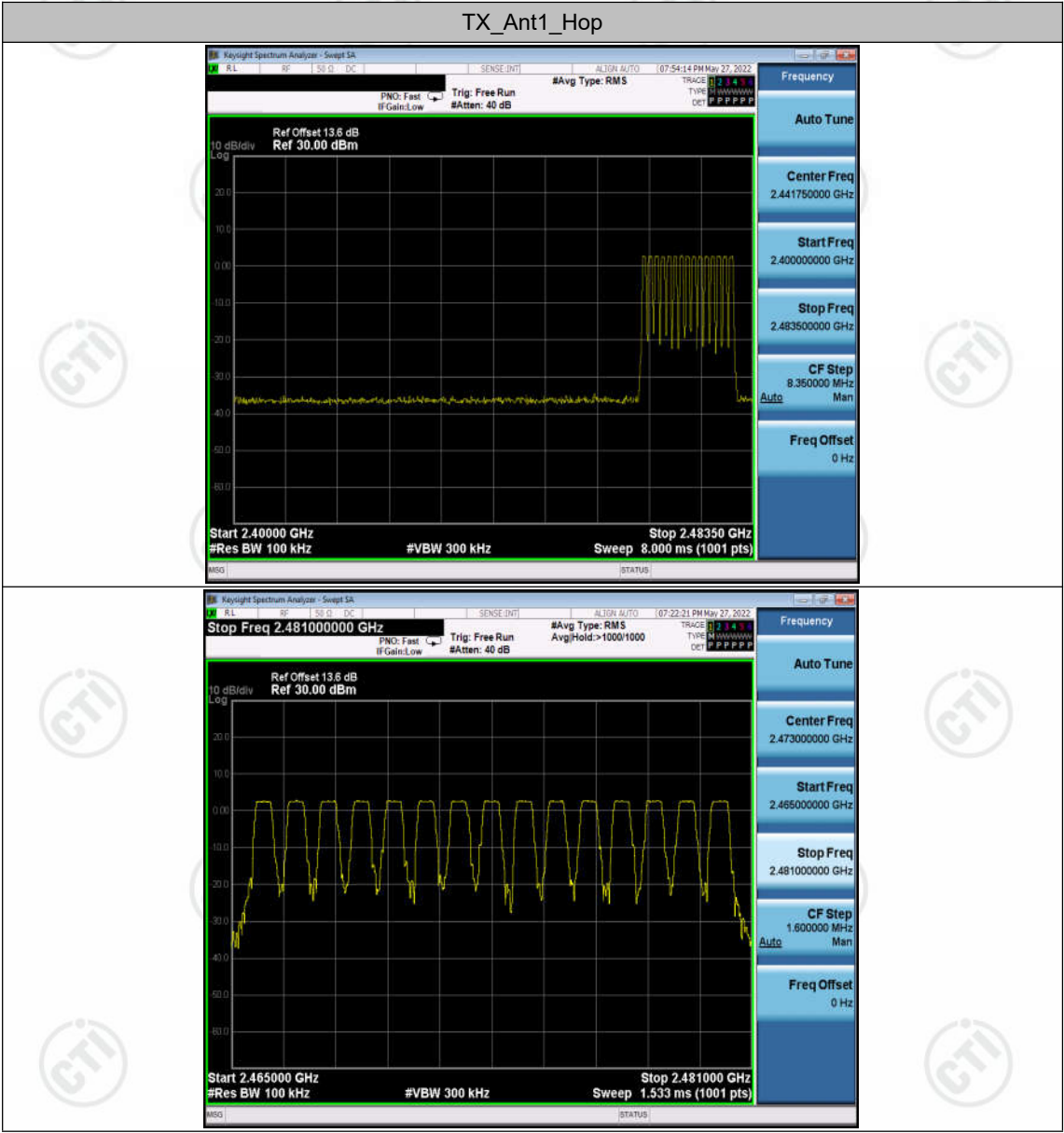


Appendix F: Number of hopping channels

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
TX	Ant1	Hop	15	≥15	PASS

Test Graphs



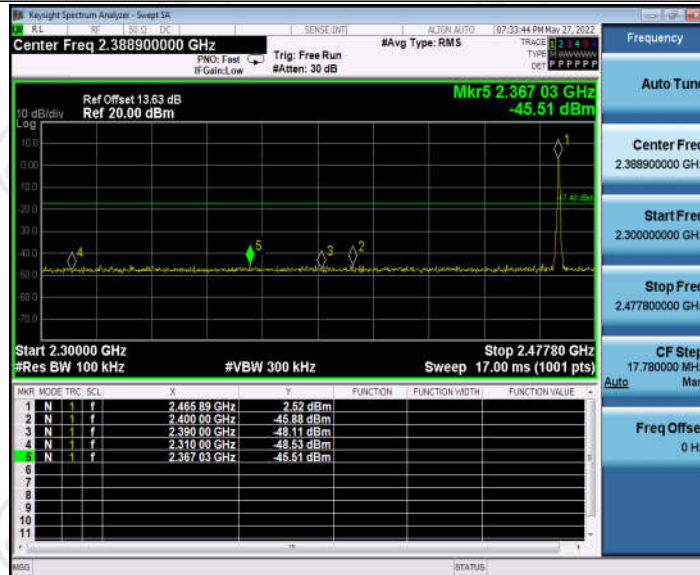
Appendix G: Band edge measurements

Test Result

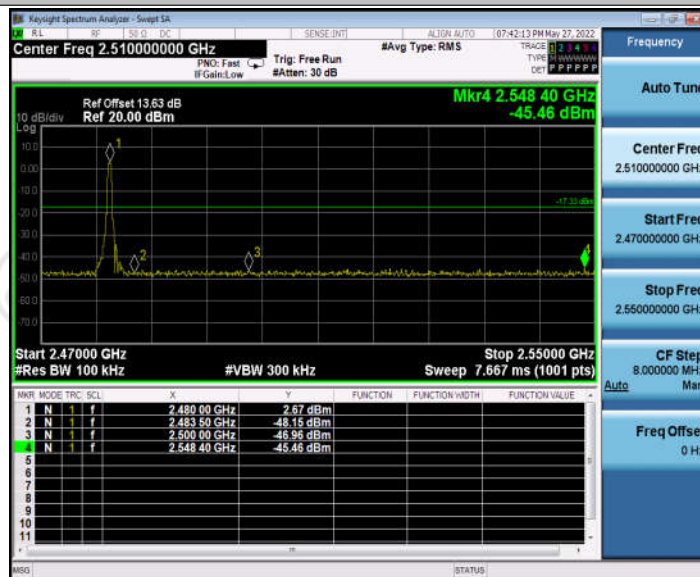
Test Mode	Antenna	ChName	Frequency[MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
TX	Ant1	Low	2466	2.52	-45.51	≤-17.48	PASS
		High	2480	2.67	-45.46	≤-17.33	PASS
		Low	Hop_2466	2.51	-45.01	≤-17.49	PASS
		High	Hop_2480	2.71	-44.56	≤-17.29	PASS

Test Graphs

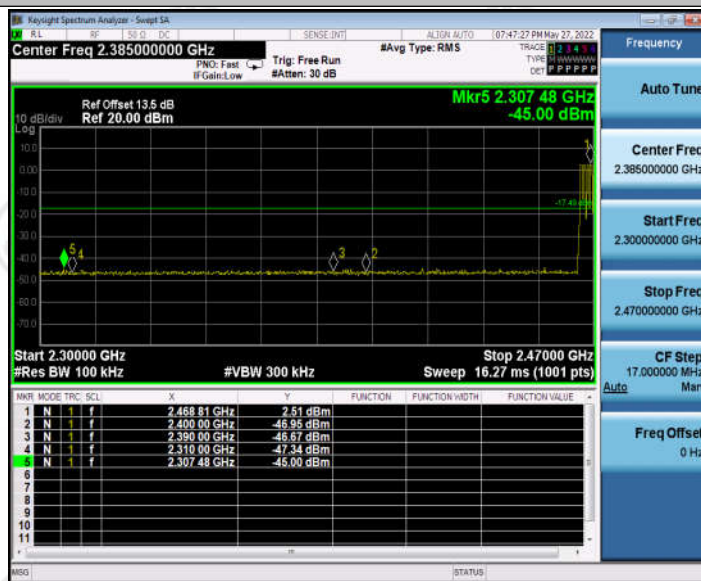
TX_Ant1_Low_2466



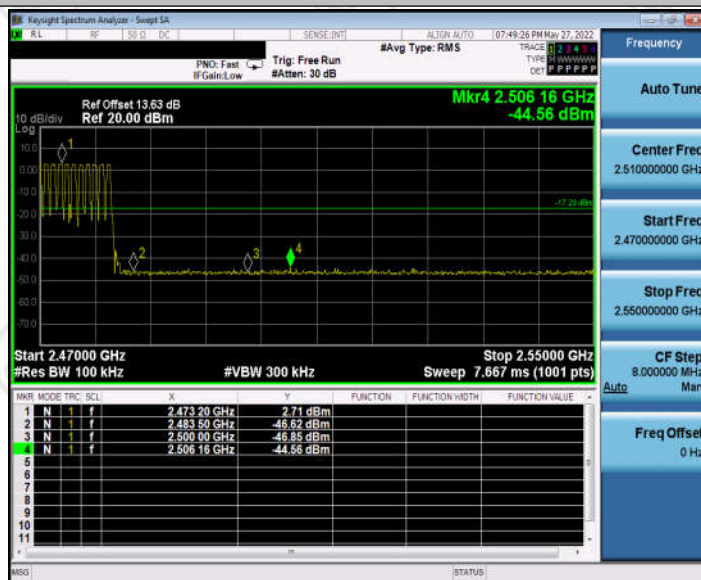
TX_Ant1_High_2480



TX_Ant1_Low_Hop_2466



TX_Ant1_High_Hop_2480

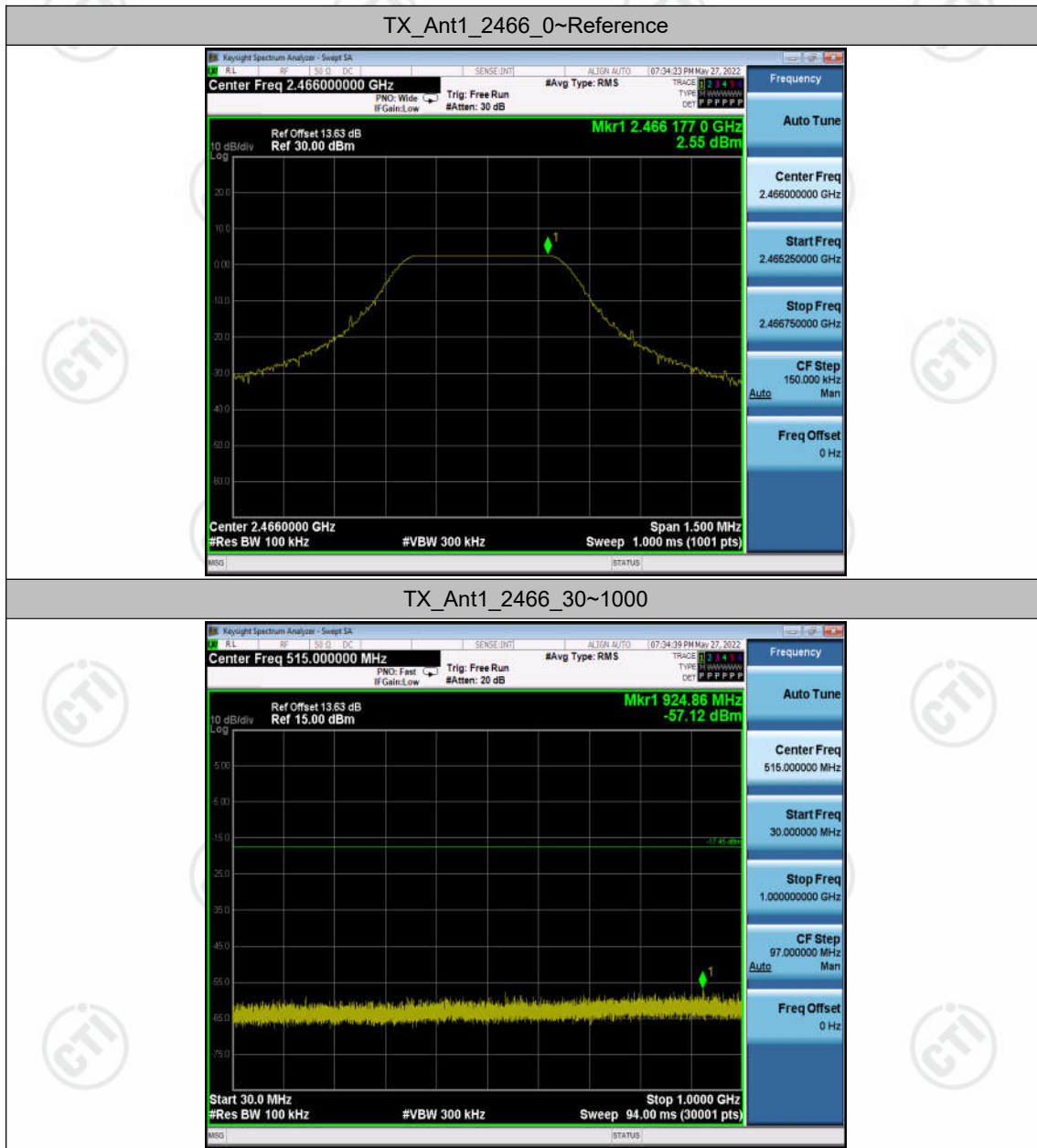


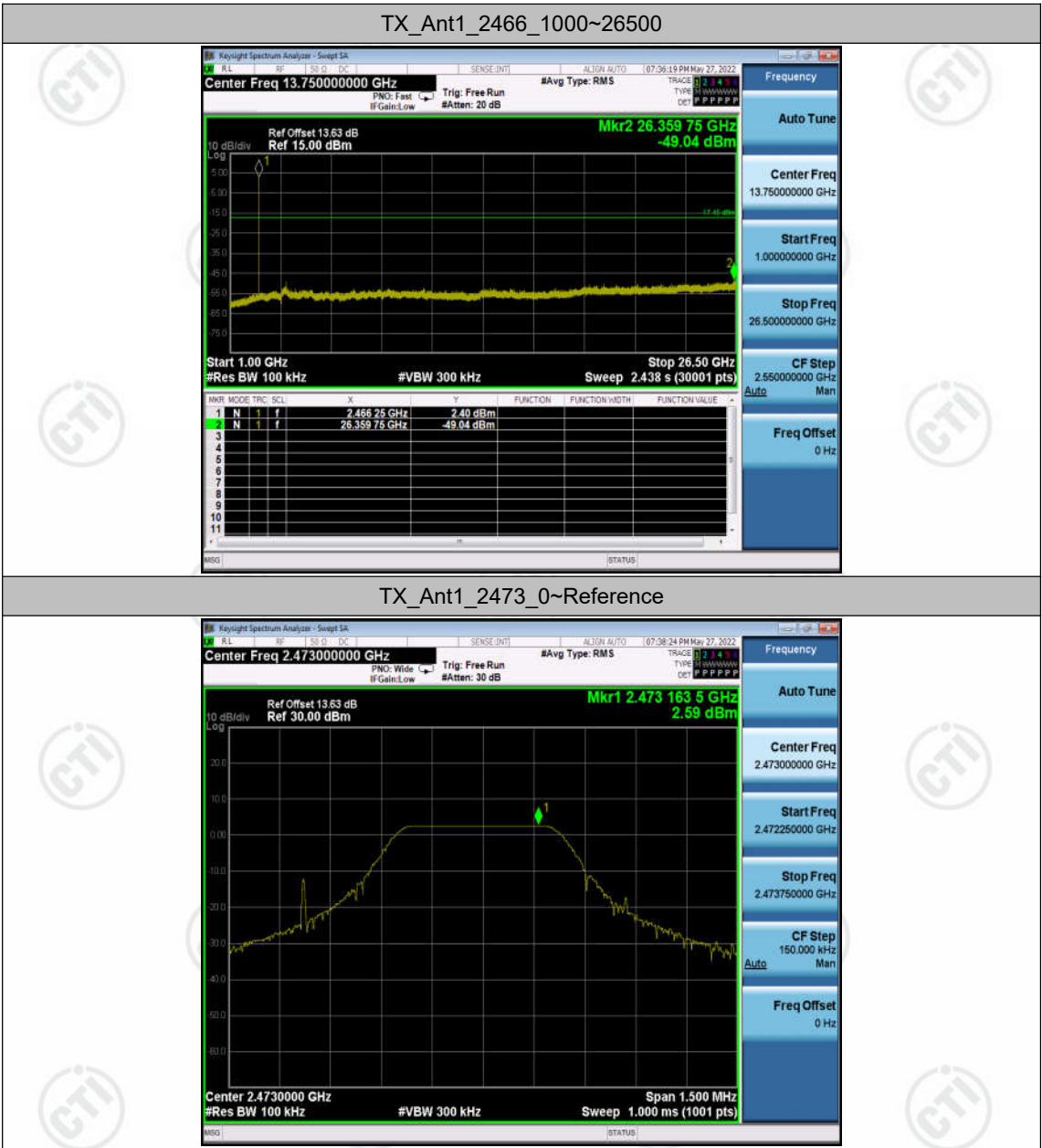
Appendix H: Conducted Spurious Emission

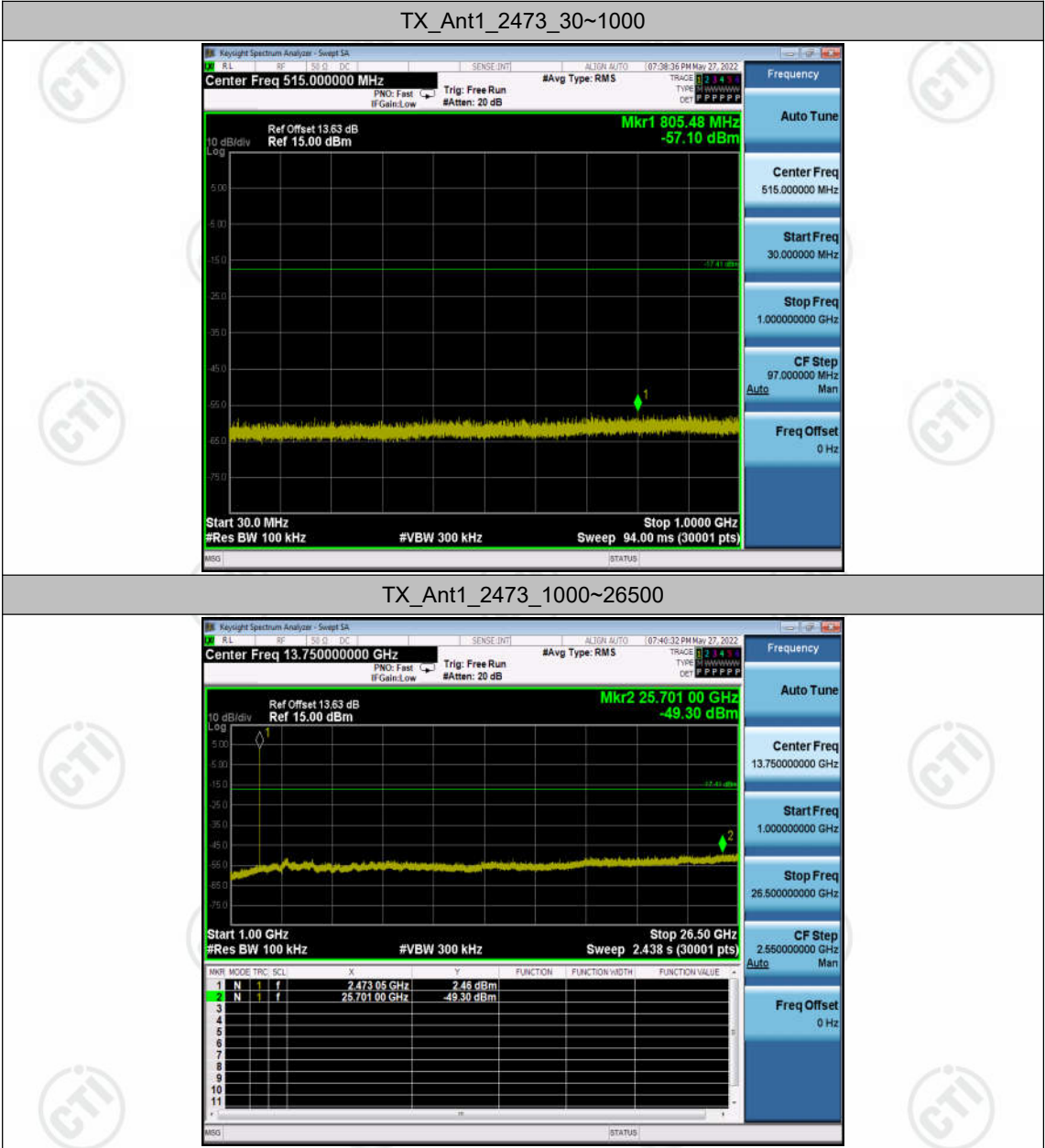
Test Result

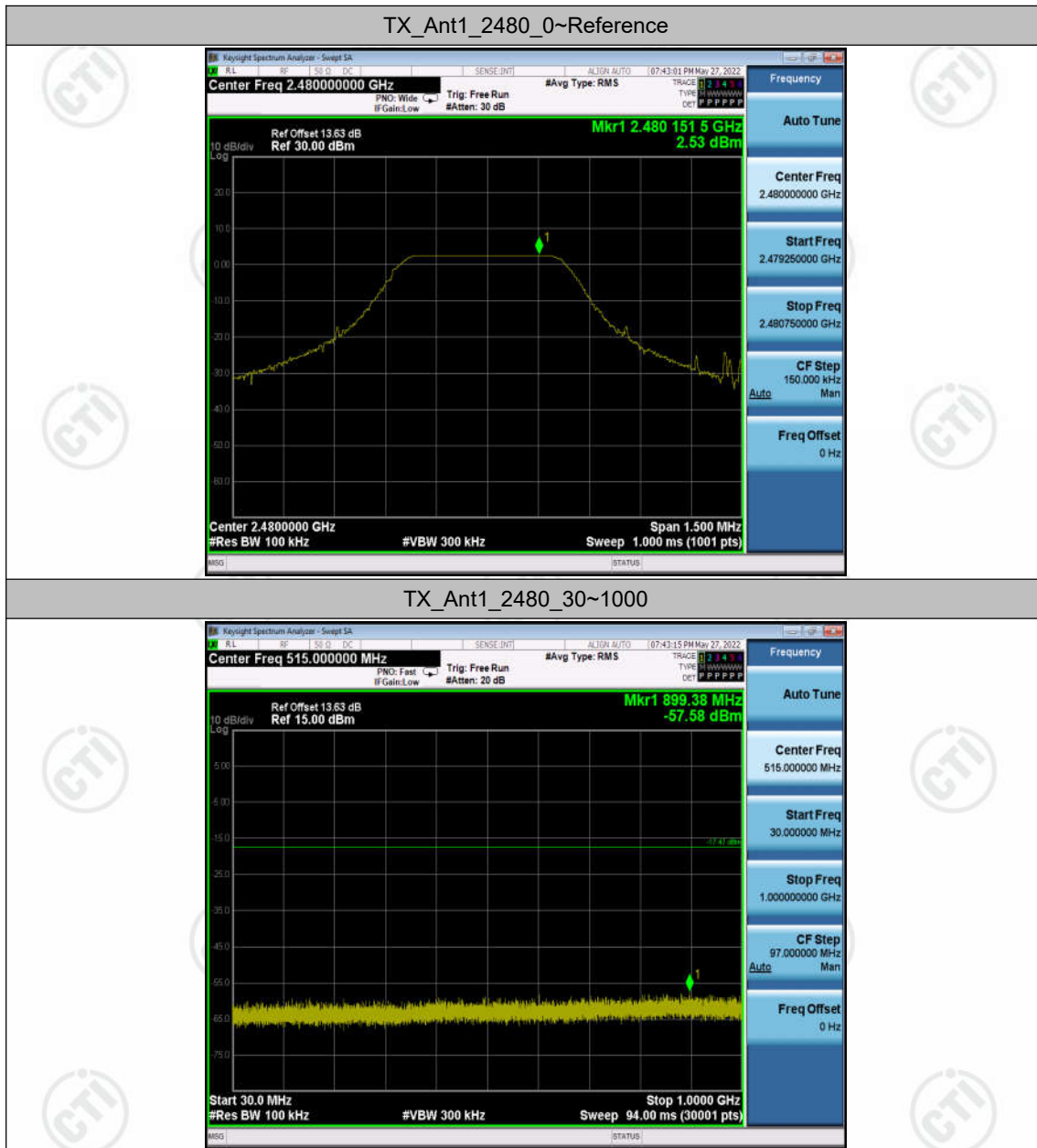
Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
TX	Ant1	2466	Reference	2.55	2.55	---	PASS
			30~1000	---	-57.12	≤-17.45	PASS
			1000~26500	---	-49.05	≤-17.45	PASS
		2473	Reference	2.59	2.59	---	PASS
			30~1000	---	-57.1	≤-17.41	PASS
			1000~26500	---	-49.3	≤-17.41	PASS
		2480	Reference	2.53	2.53	---	PASS
			30~1000	---	-57.58	≤-17.47	PASS
			1000~26500	---	-49.2	≤-17.47	PASS

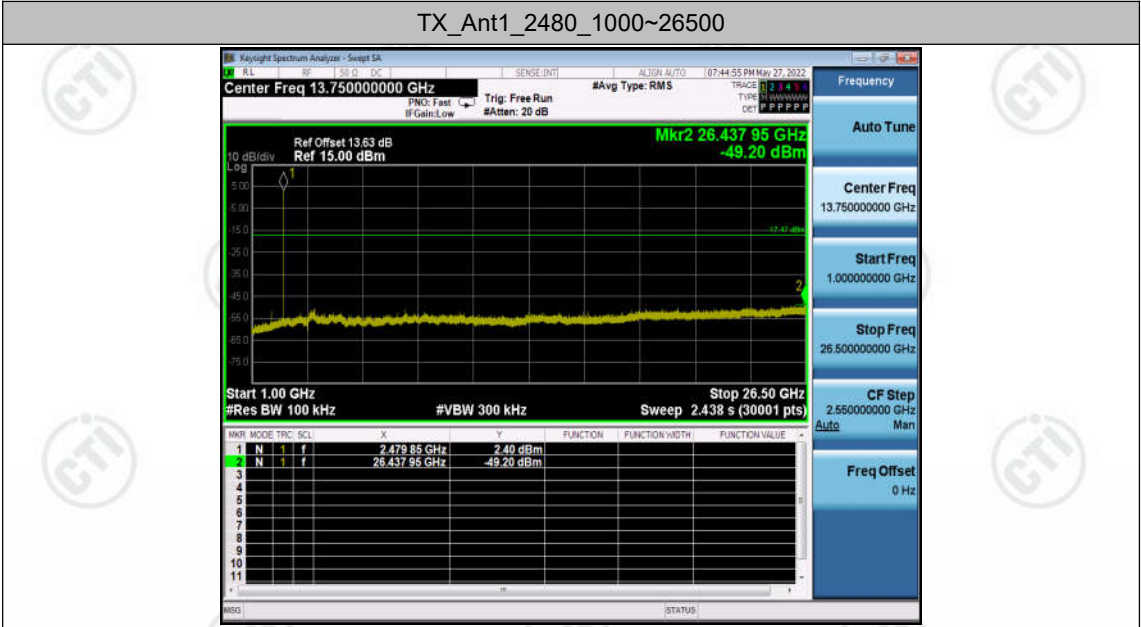
Test Graphs











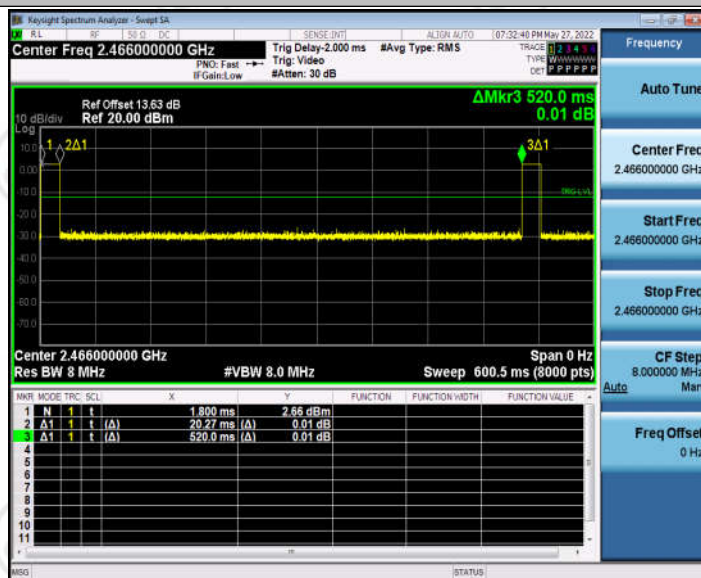
Appendix I: Duty Cycle

Test Result

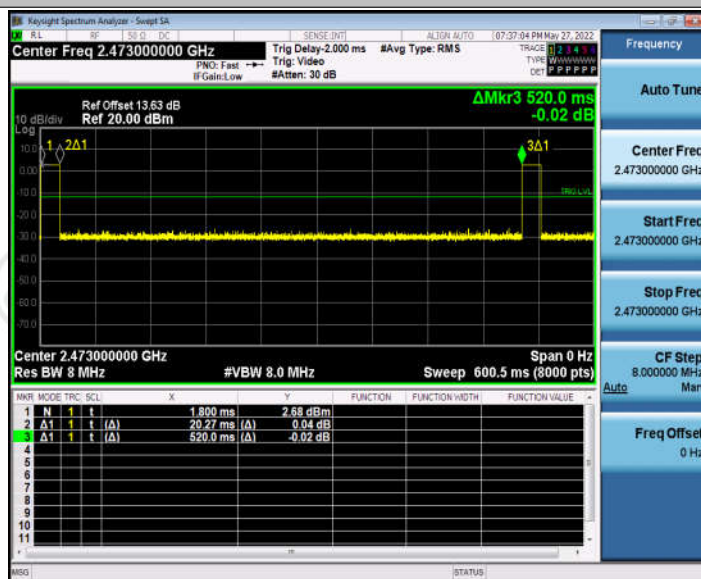
Test Mode	Antenna	Frequency[MHz]	ON Time[ms]	Period[ms]	Duty Cycle[%]	Duty Cycle Factor[dB]
TX	Ant1	2466	20.27	519.99	3.90	14.09
		2473	20.27	519.99	3.90	14.09
		2480	20.27	519.99	3.90	14.09

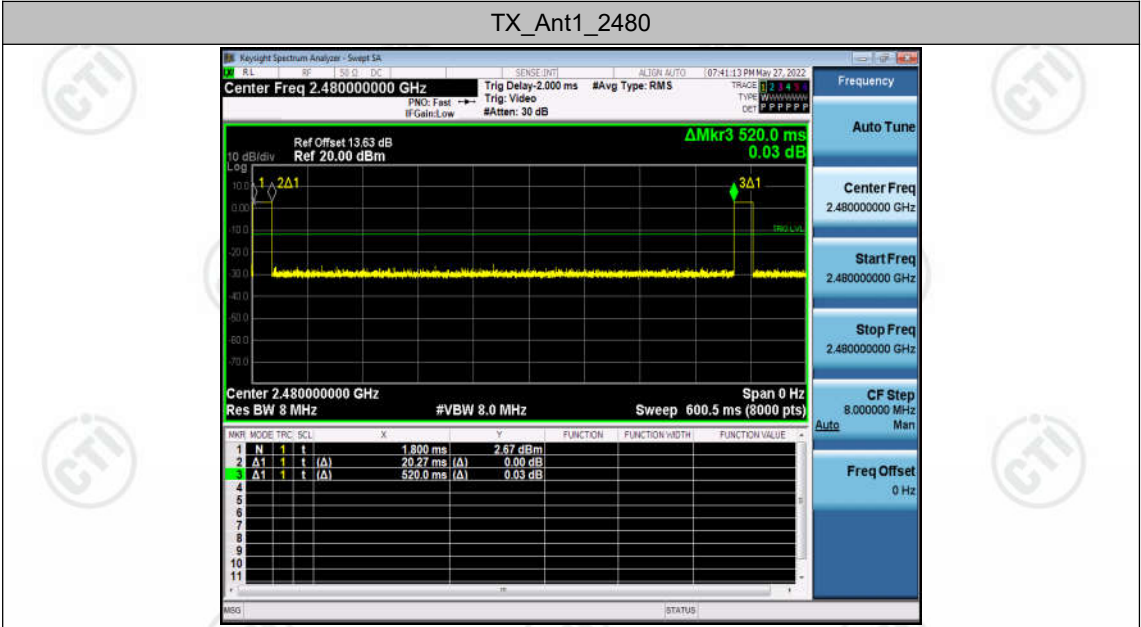
Test Graphs

TX_Ant1_2466



TX_Ant1_2473





*** End of Report ***