

Appendix: 2.4G

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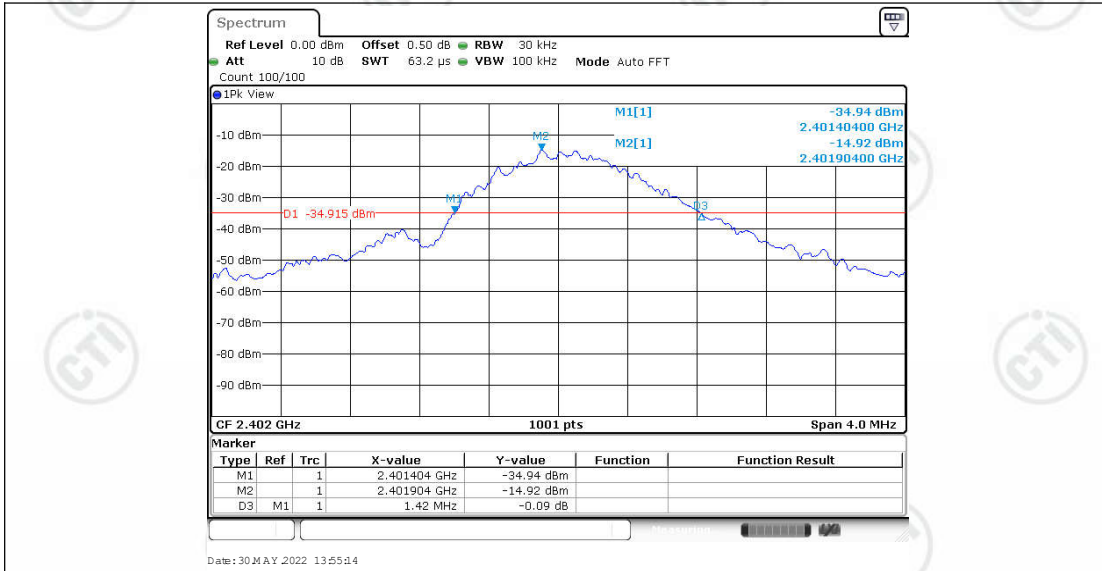
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## Appendix A: 20dB Emission Bandwidth

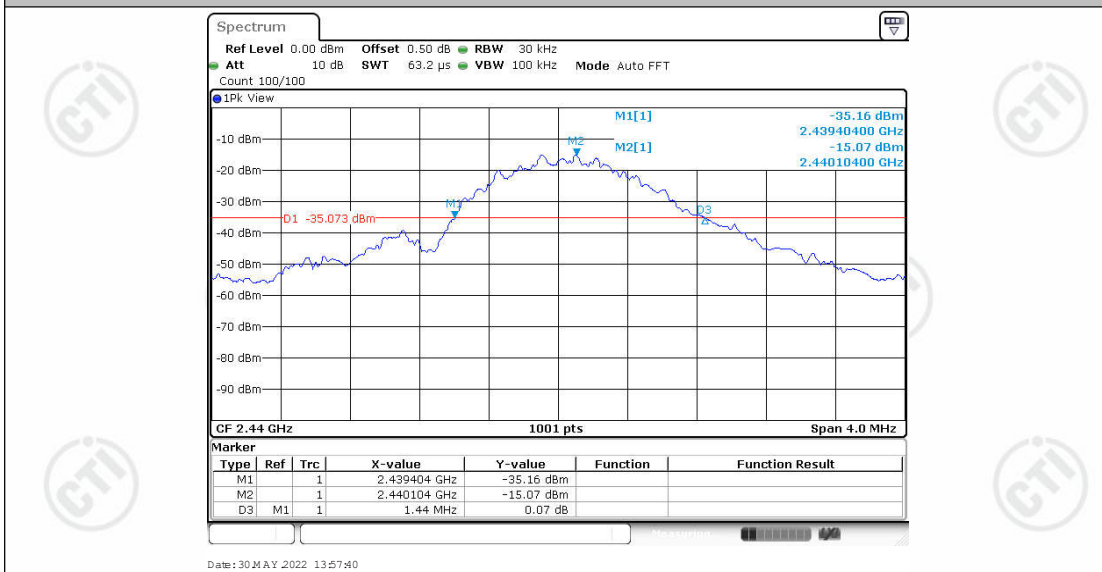
### Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
TX	Ant1	2402	1.420	2401.404	2402.824	---	PASS
		2440	1.440	2439.404	2440.844	---	PASS
		2480	1.432	2479.396	2480.828	---	PASS

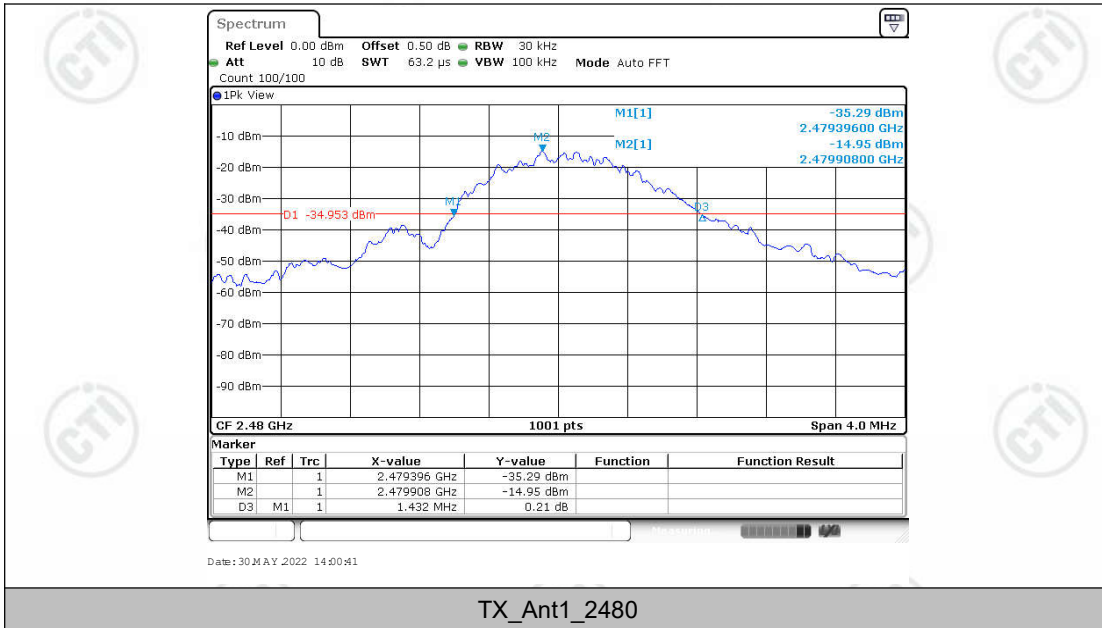
## Test Graphs



TX\_Ant1\_2402



TX\_Ant1\_2440



**Appendix B: Occupied Channel Bandwidth****Test Result**

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
TX	Ant1	2402	1.355	2401.449	2402.803	---	PASS
		2440	1.383	2439.441	2440.823	---	PASS
		2480	1.419	2479.441	2480.859	---	PASS

## Test Graphs

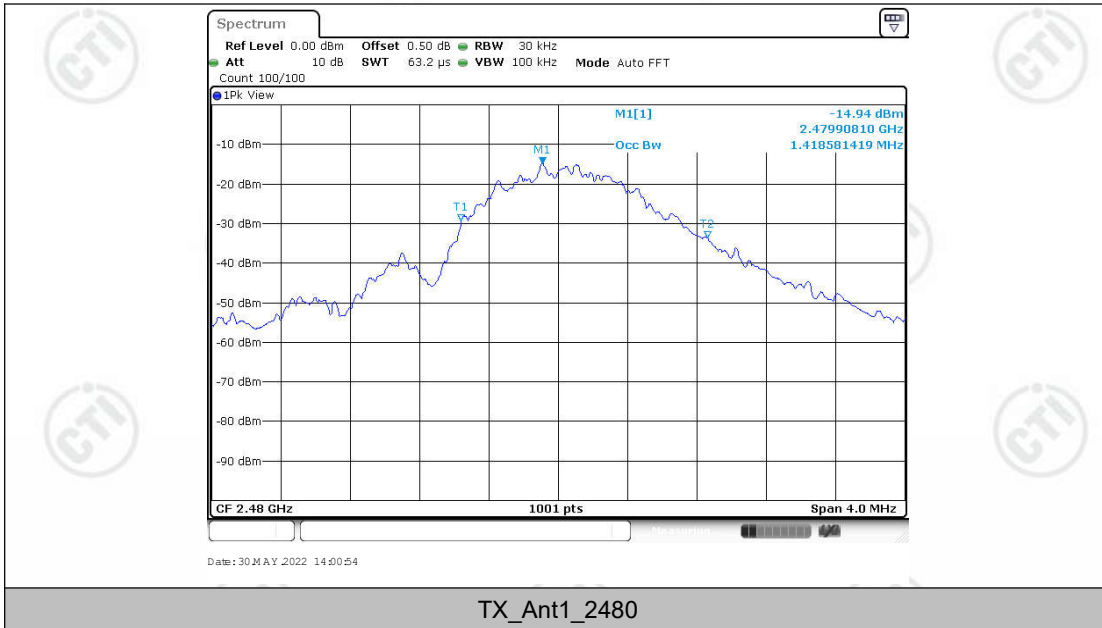


TX\_Ant1\_2402



TX\_Ant1\_2440



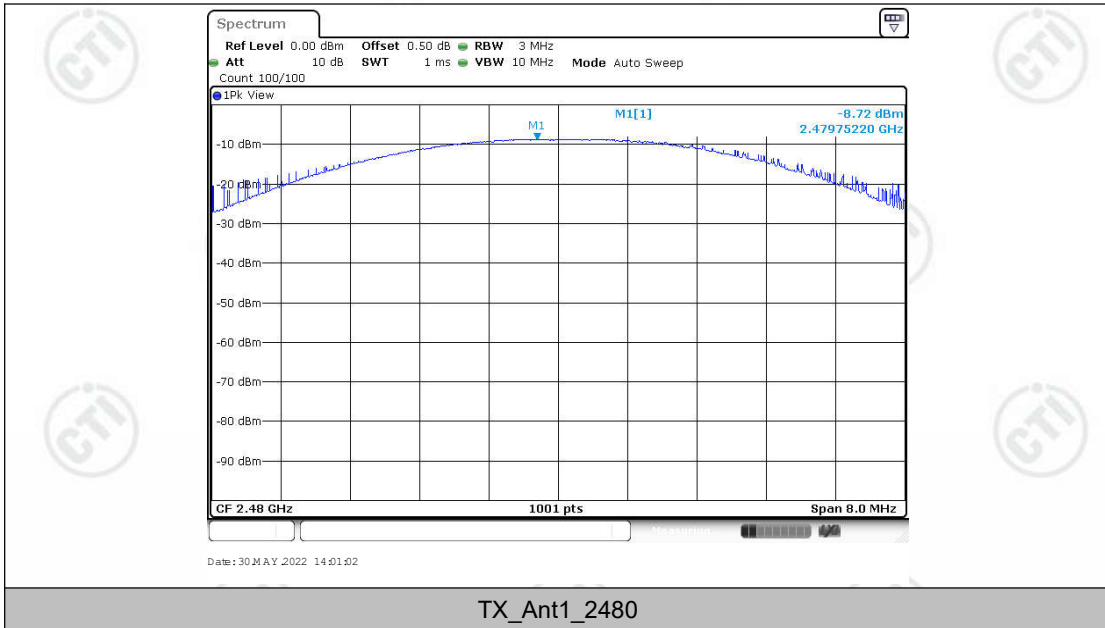




**Appendix C: Maximum conducted output power****Test Result**

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
TX	Ant1	2402	-8.73	<=20.97	PASS
		2440	-8.90	<=20.97	PASS
		2480	-8.72	<=20.97	PASS

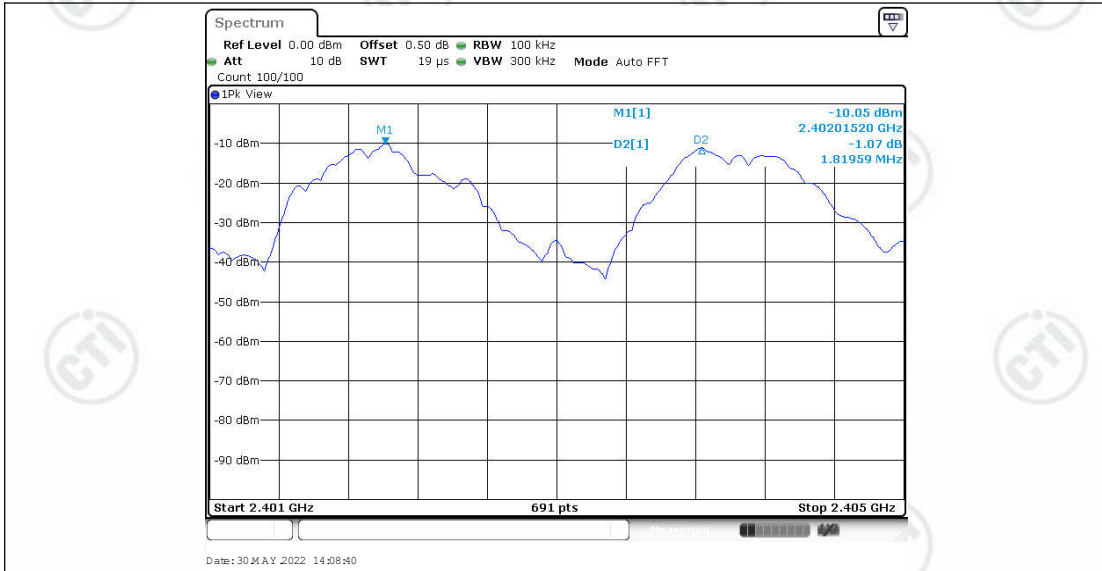




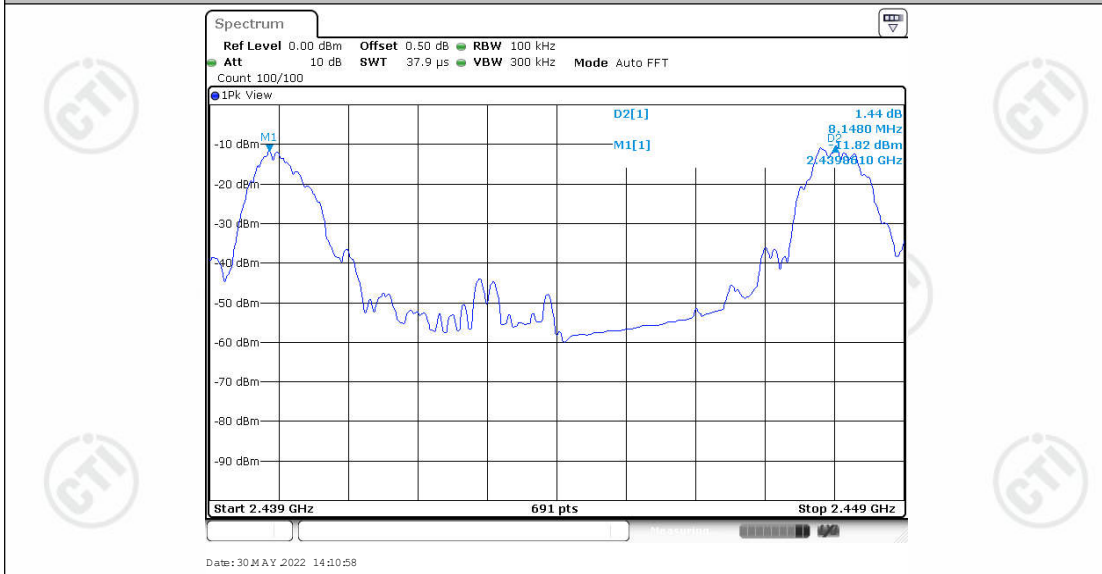
**Appendix D: Carrier frequency separation****Test Result**

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
TX	Ant1	Hop_2402	1.81959	$\geq 0.947$	PASS
		Hop_2440	8.1480	$\geq 0.960$	PASS
		Hop_2480	4.00290	$\geq 0.955$	PASS

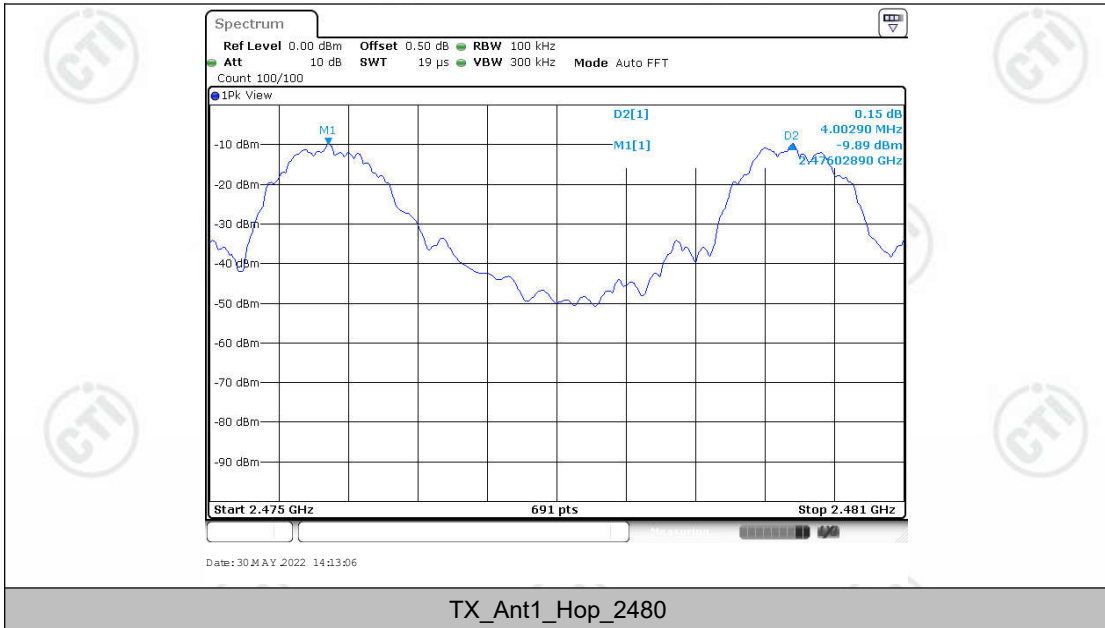
## Test Graphs



TX\_Ant1\_Hop\_2402



TX\_Ant1\_Hop\_2440



## Appendix E: Time of occupancy

### Test Result

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
TX	Ant1	Hop	0.12	54	0.007	<=0.4	PASS



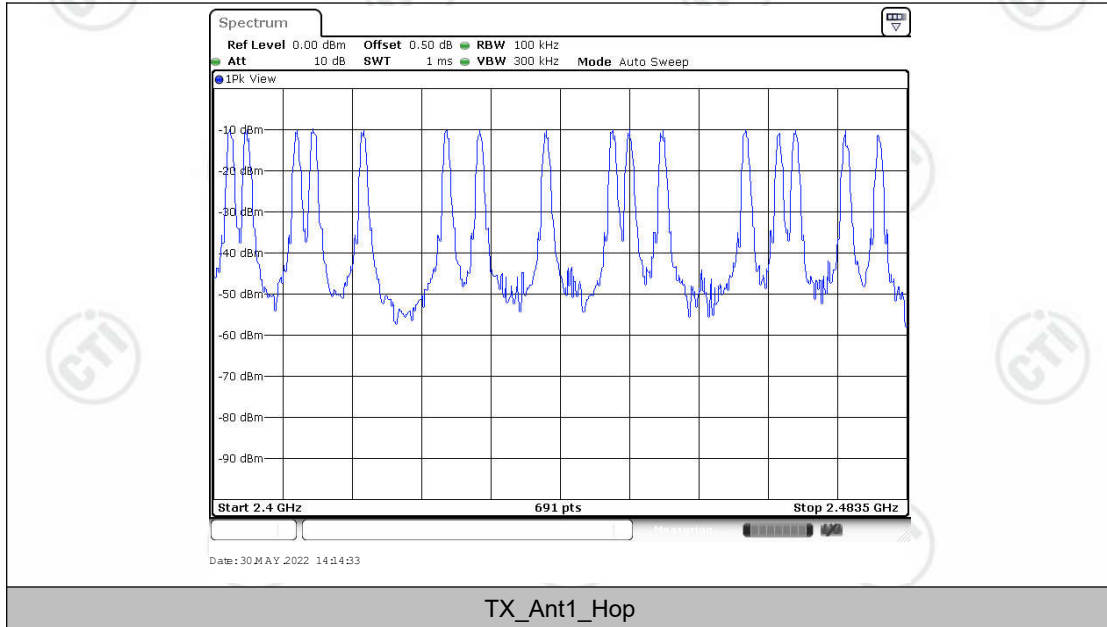


## Appendix F: Number of hopping channels

### Test Result

TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
TX	Ant1	Hop	16	$\geq 15$	PASS

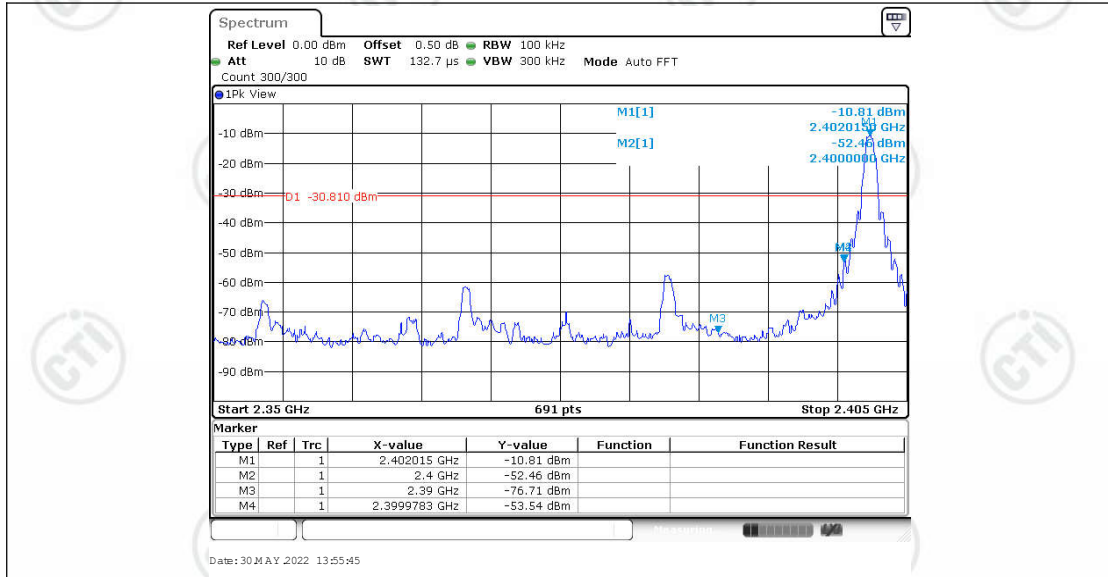
## Test Graphs



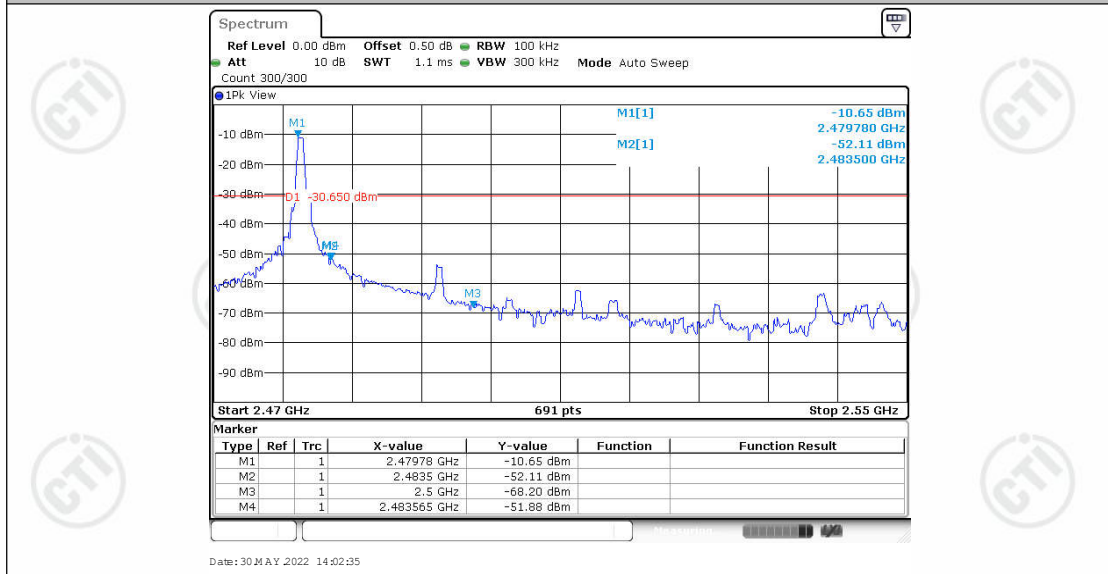
**Appendix G: Band edge measurements****Test Result**

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
TX	Ant1	Low	2402	-10.81	-53.54	<=-30.81	PASS
		High	2480	-10.65	-51.88	<=-30.65	PASS
		Low	Hop_2402	-9.91	-57.83	<=-29.91	PASS
		High	Hop_2480	-10.00	-61.35	<=-30	PASS

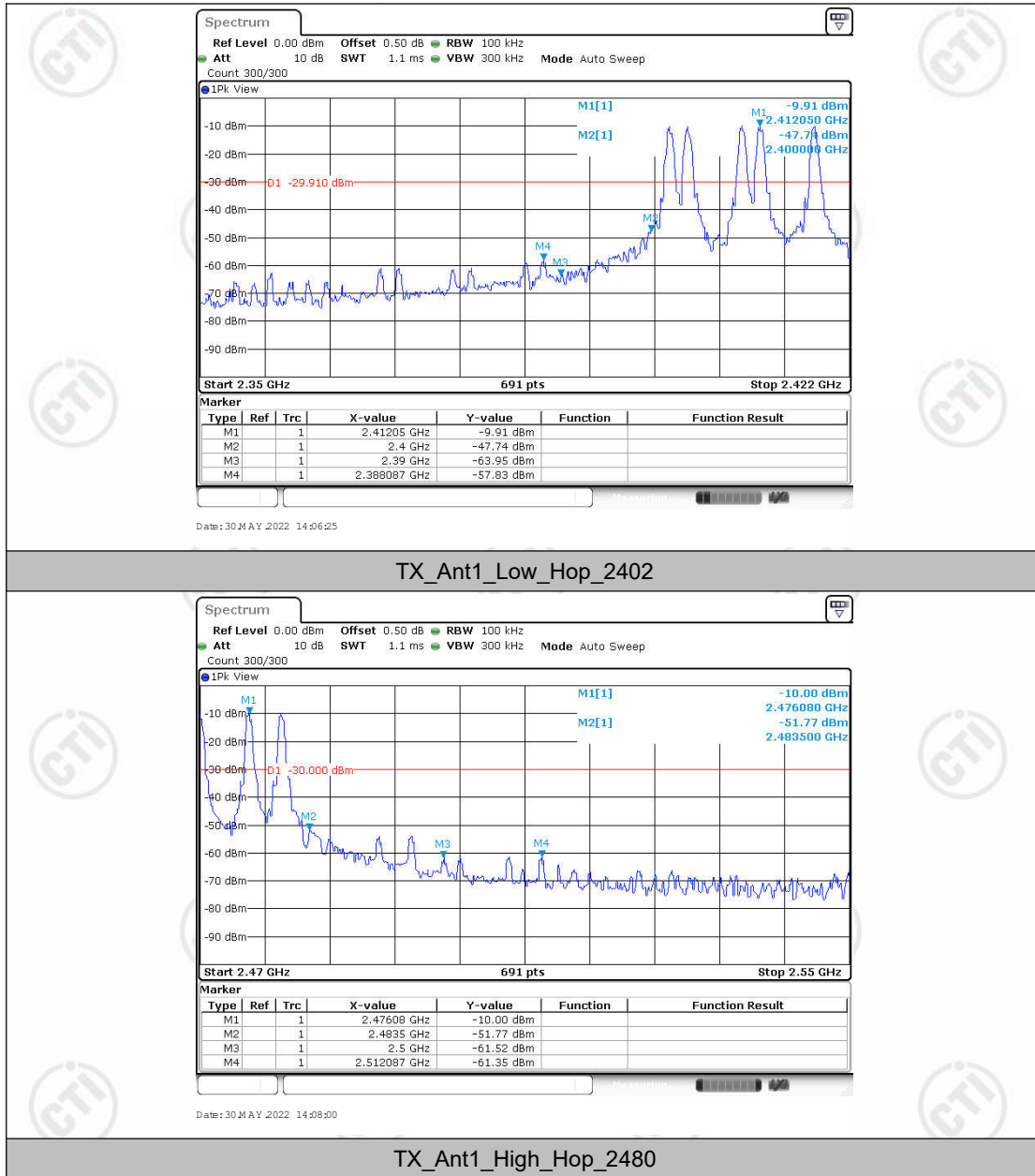
## Test Graphs



TX\_Ant1\_Low\_2402



TX\_Ant1\_High\_2480





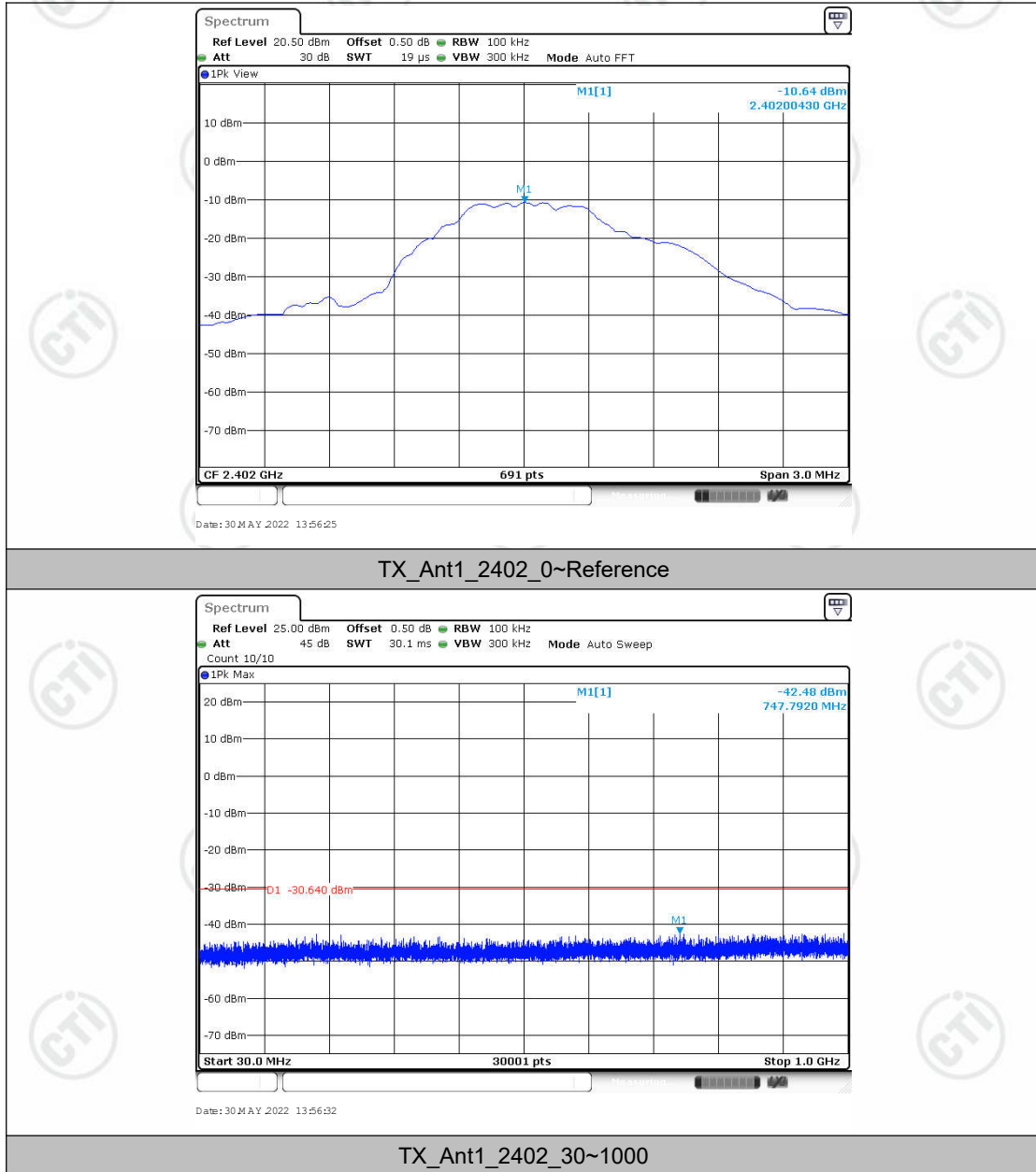
## Appendix H: Conducted Spurious Emission

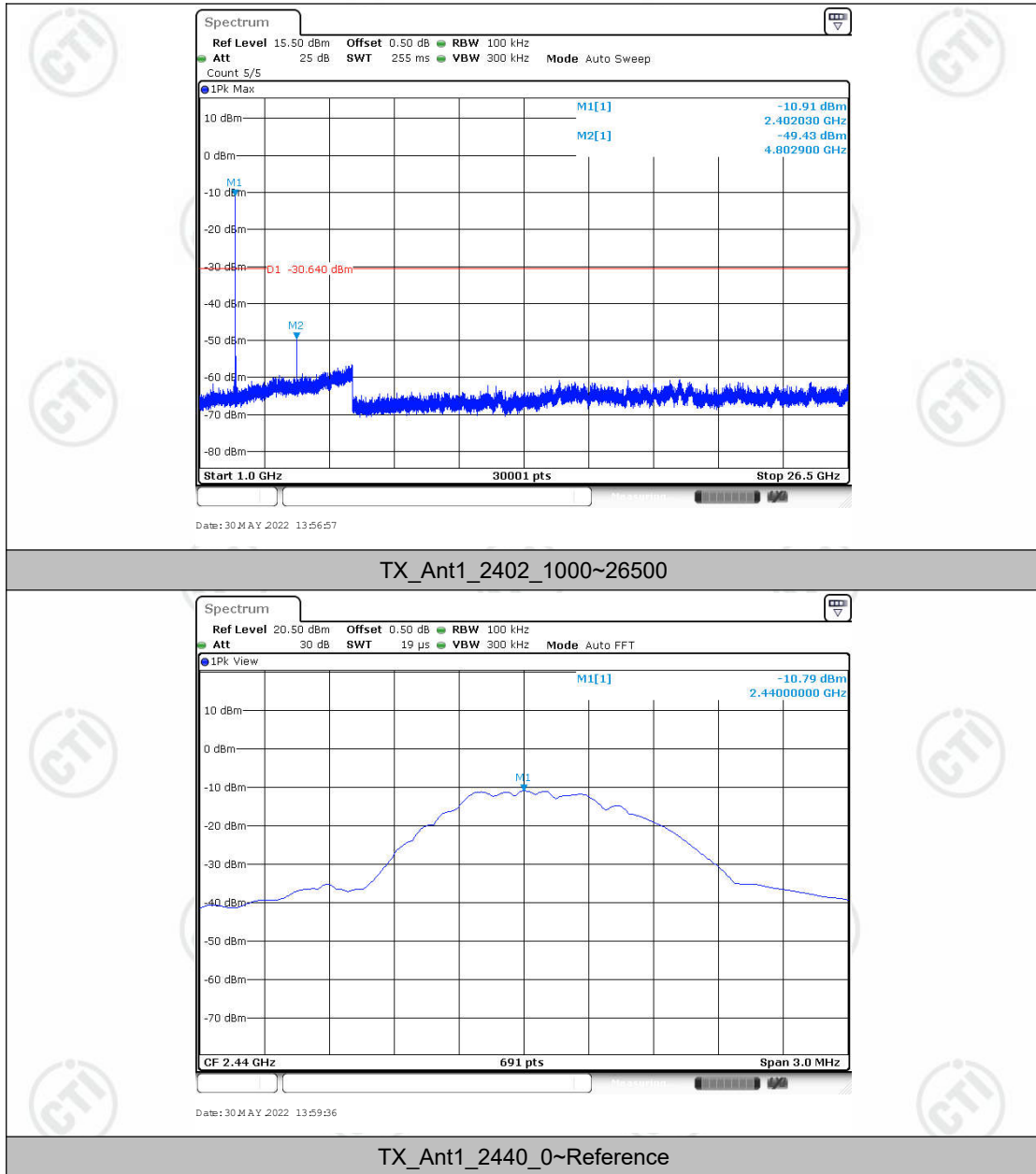
### Test Result

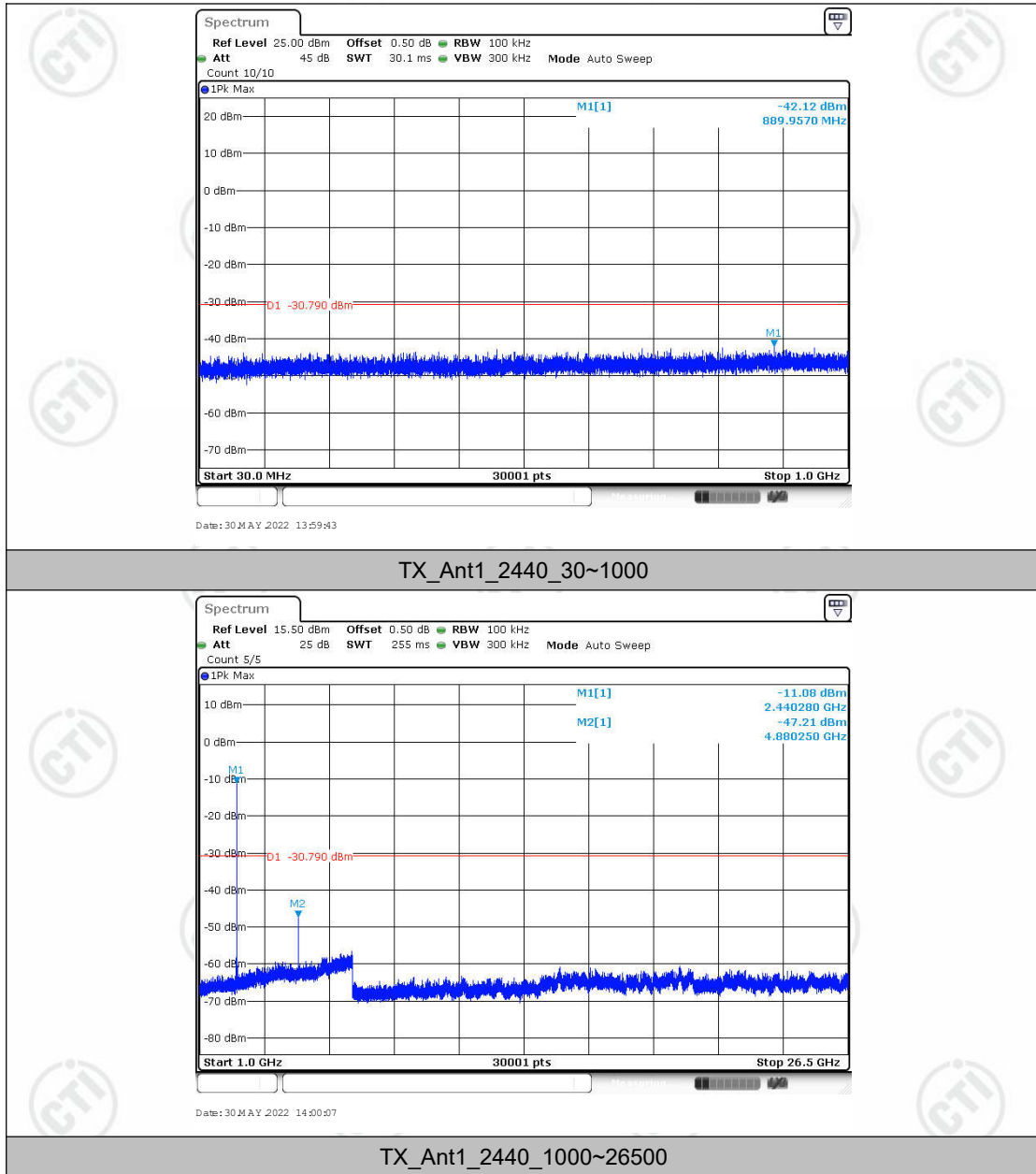
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
TX	Ant1	2402	Reference	-10.64	-10.64	---	PASS
			30~1000	---	-42.48	<=-30.64	PASS
			1000~26500	---	-49.43	<=-30.64	PASS
		2440	Reference	-10.79	-10.79	---	PASS
			30~1000	---	-42.12	<=-30.79	PASS
			1000~26500	---	-47.21	<=-30.79	PASS
		2480	Reference	-10.93	-10.93	---	PASS
			30~1000	---	-41.81	<=-30.93	PASS
			1000~26500	---	-43.98	<=-30.93	PASS

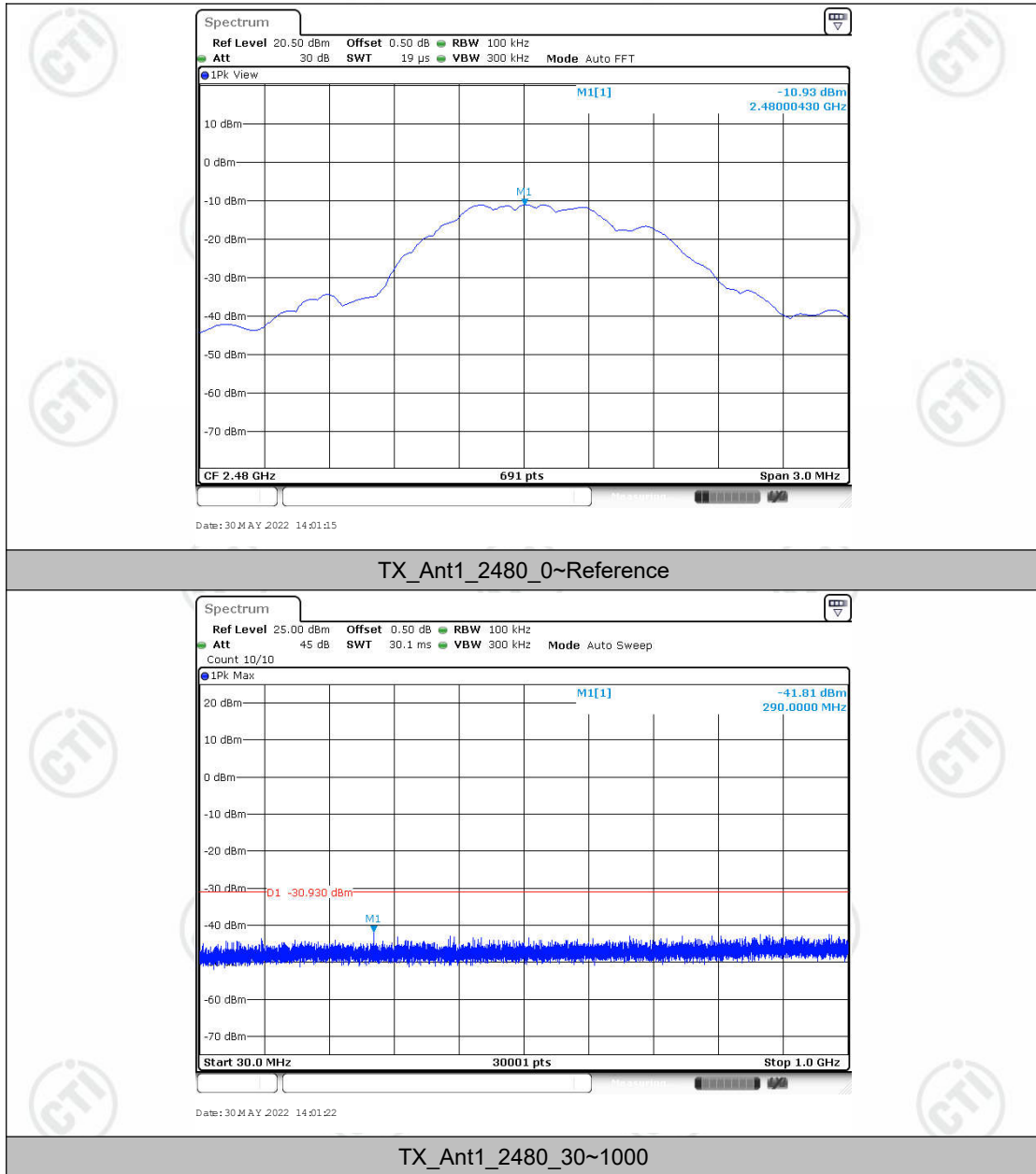


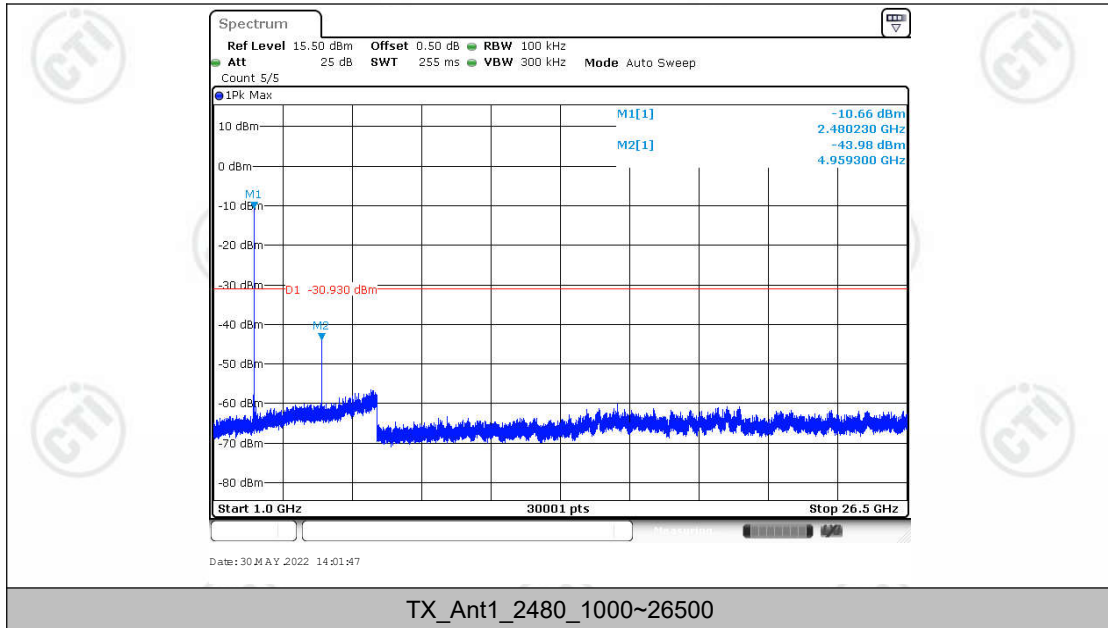
## Test Graphs











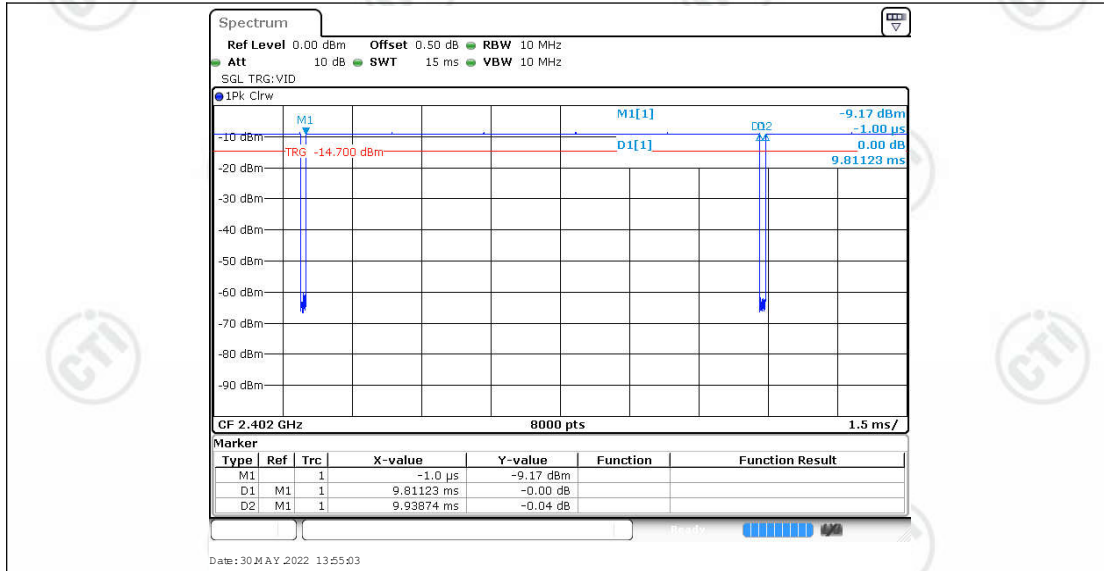
## Appendix I: Duty Cycle

### Test Result

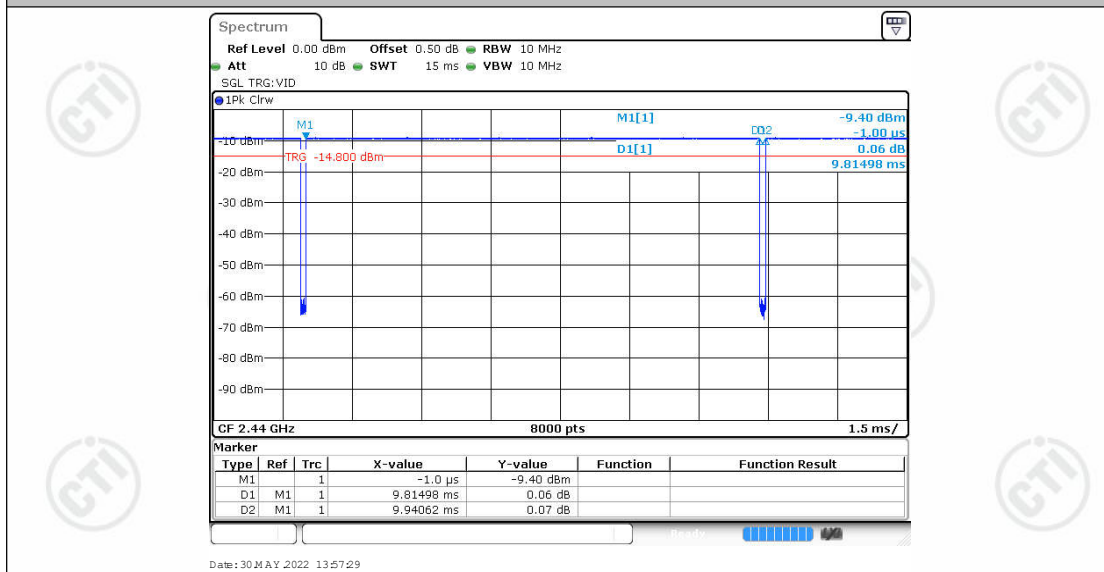
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
TX	Ant1	2402	9.81	9.94	98.69	---	PASS
		2440	9.81	9.94	98.69	---	PASS
		2480	9.81	9.94	98.69	---	PASS



## Test Graphs

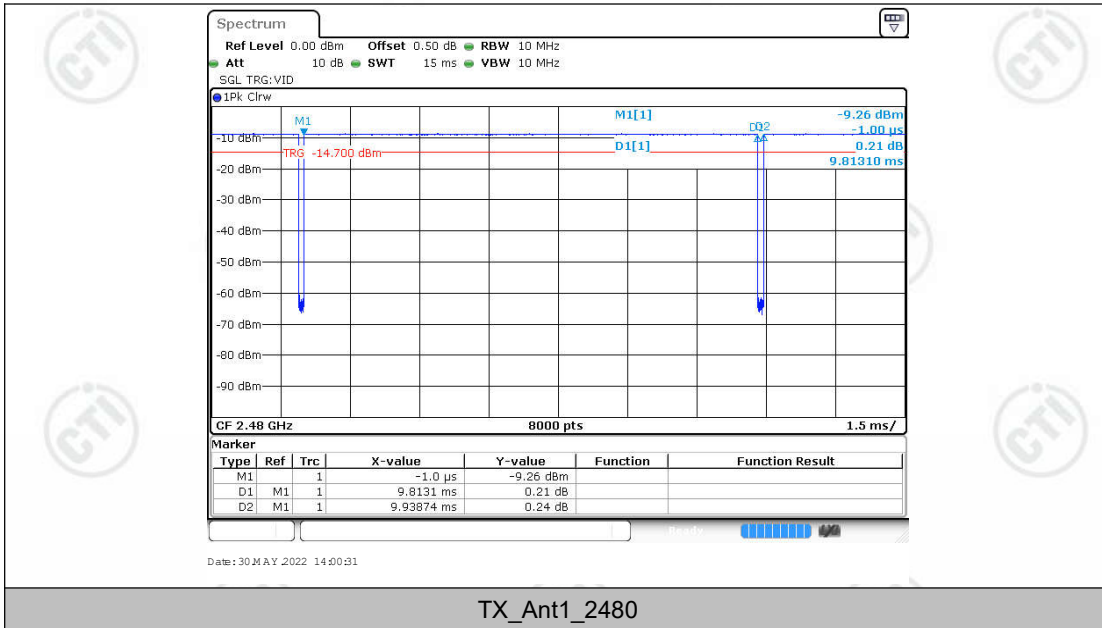


TX\_Ant1\_2402



TX\_Ant1\_2440





\*\*\* End of Report \*\*\*