

Appendix: 2.4G

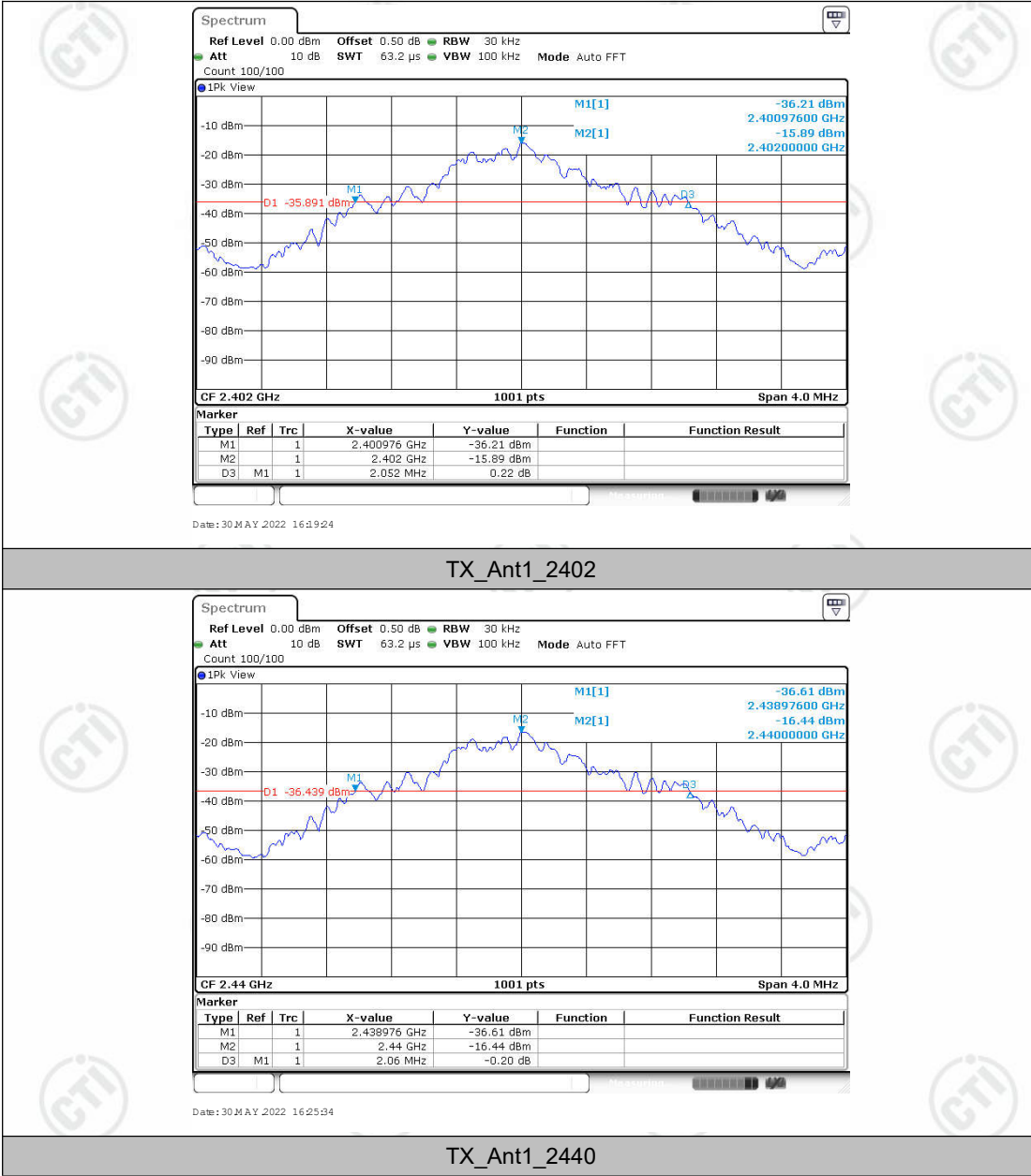
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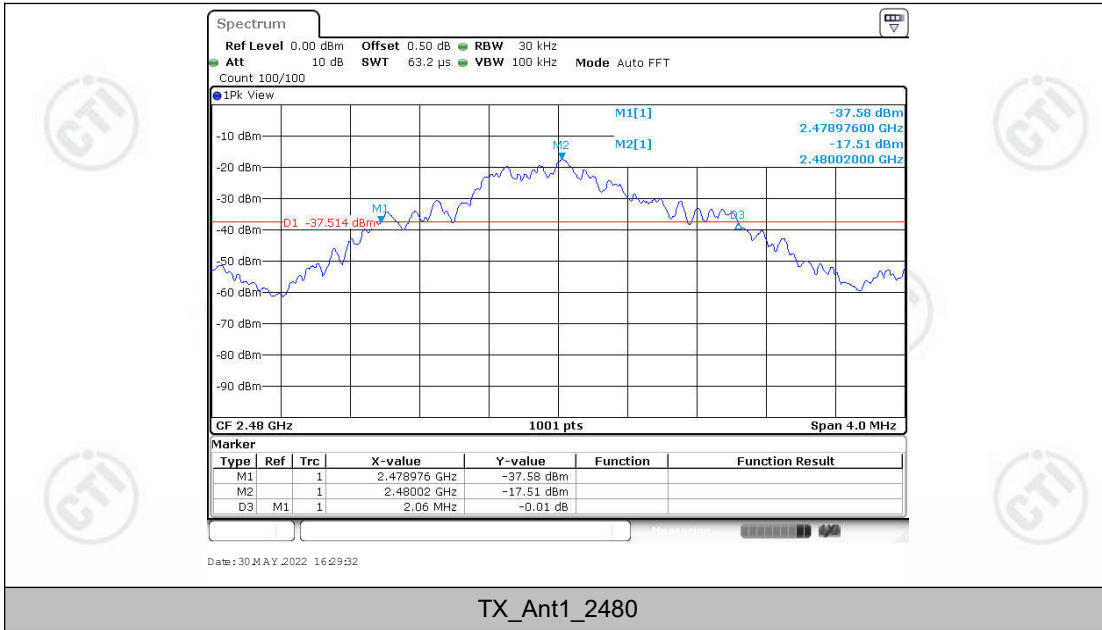
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**Appendix A: 20dB Emission Bandwidth****Test Result**

Test Mode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
TX	Ant1	2402	2.052	2400.976	2403.028	---	PASS
		2440	2.060	2438.976	2441.036	---	PASS
		2480	2.060	2478.976	2481.036	---	PASS

## Test Graphs

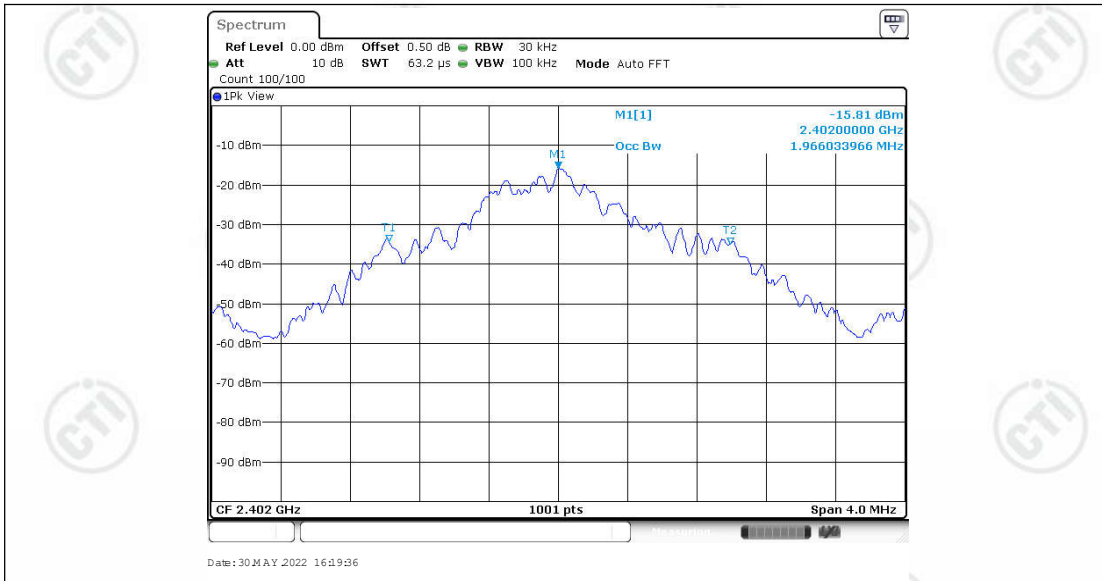




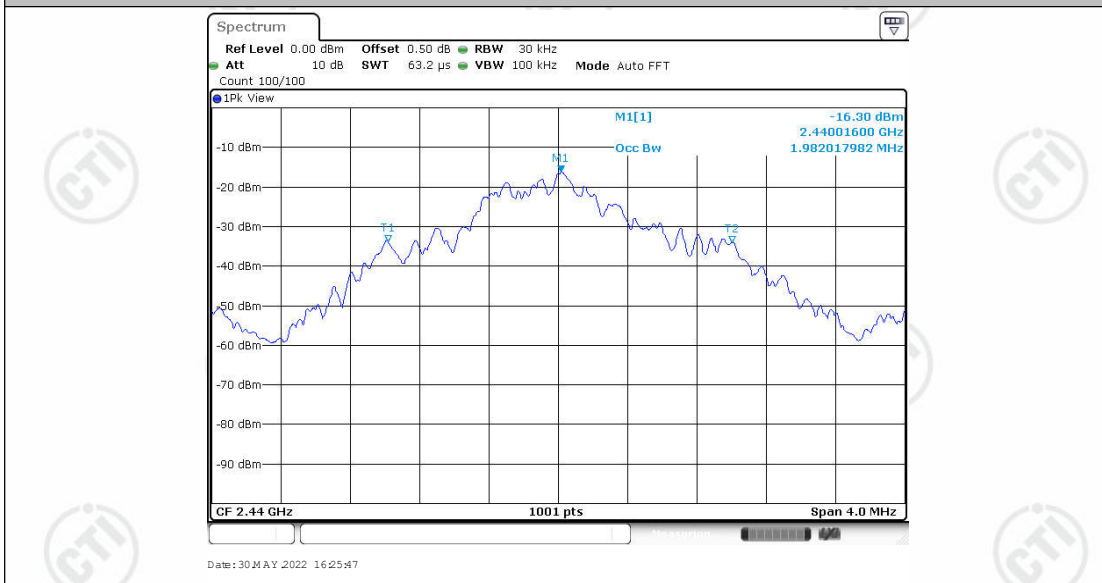
**Appendix B: Occupied Channel Bandwidth****Test Result**

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
TX	Ant1	2402	1.966	2401.025	2402.991	---	PASS
		2440	1.982	2439.017	2440.999	---	PASS
		2480	1.998	2479.009	2481.007	---	PASS

## Test Graphs

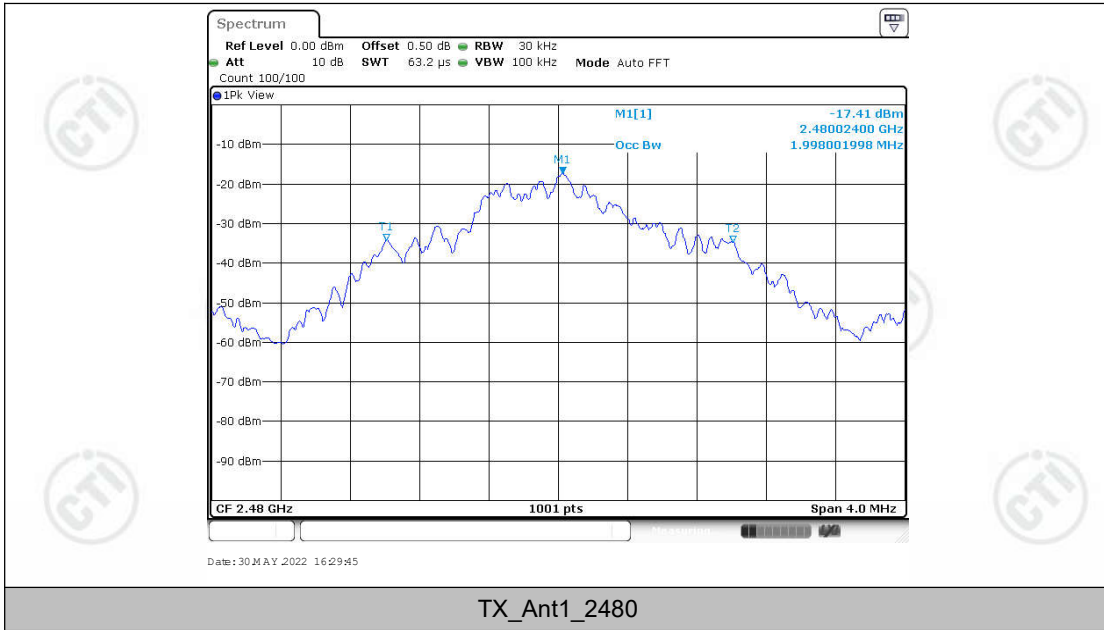


TX\_Ant1\_2402



TX\_Ant1\_2440



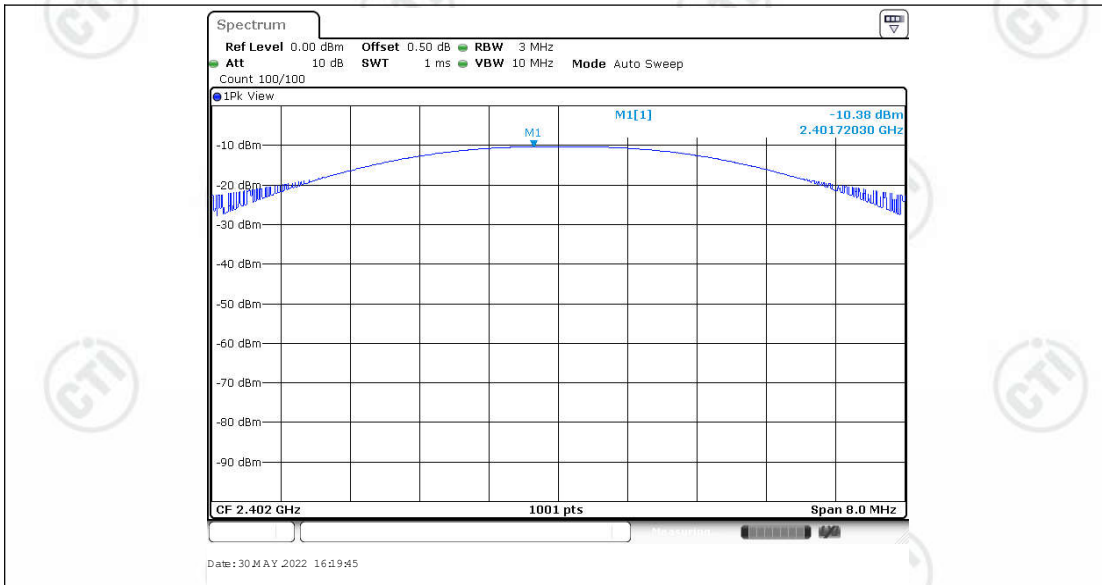




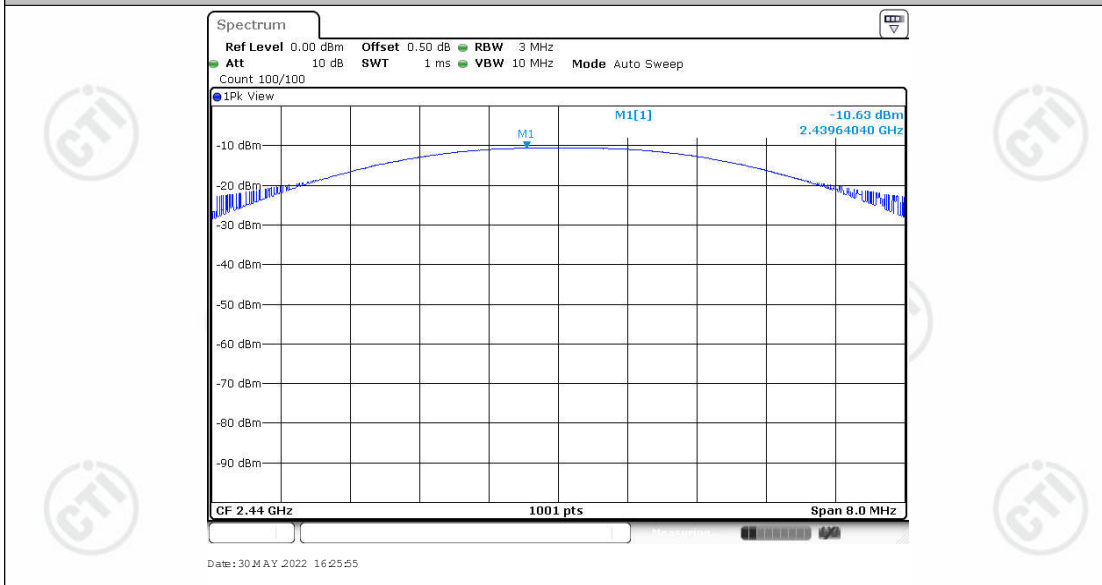
**Appendix C: Maximum conducted output power****Test Result**

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
TX	Ant1	2402	-10.38	<=20.97	PASS
		2440	-10.63	<=20.97	PASS
		2480	-11.55	<=20.97	PASS

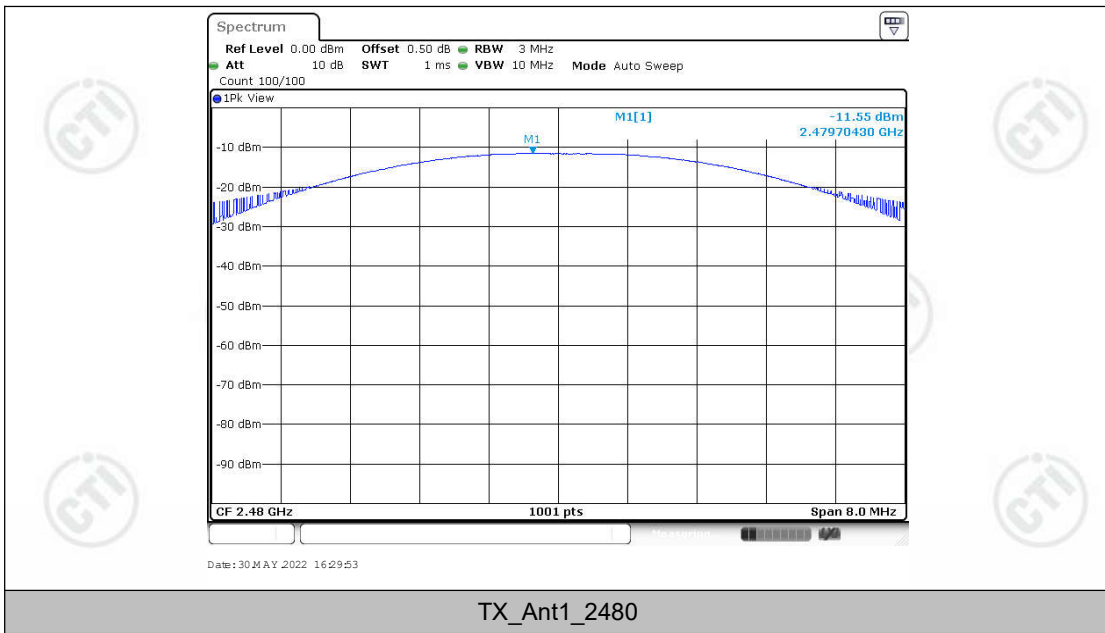
## Test Graphs



TX\_Ant1\_2402



TX\_Ant1\_2440

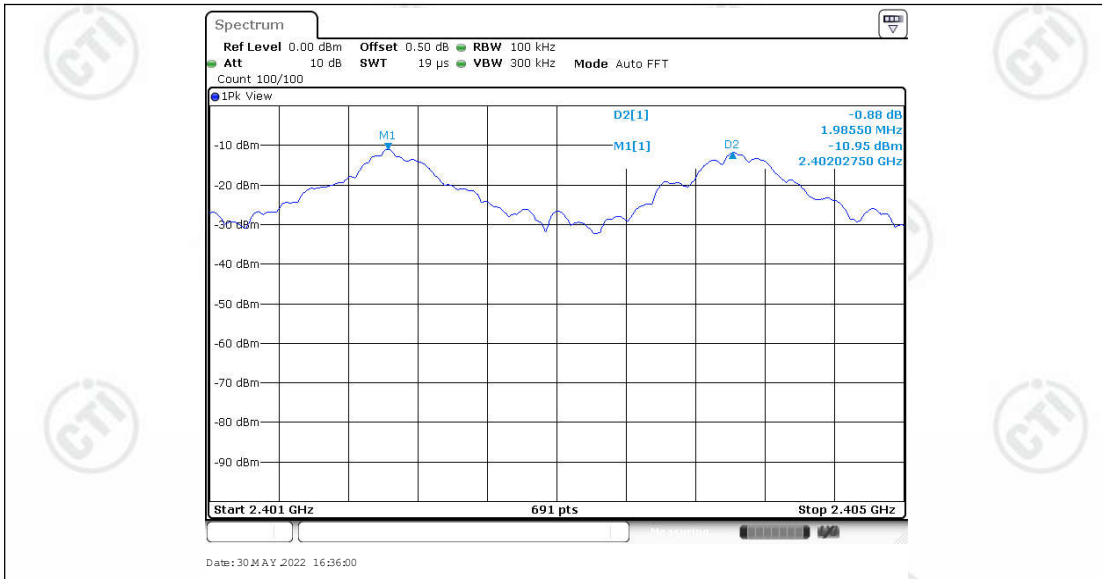


TX\_Ant1\_2480

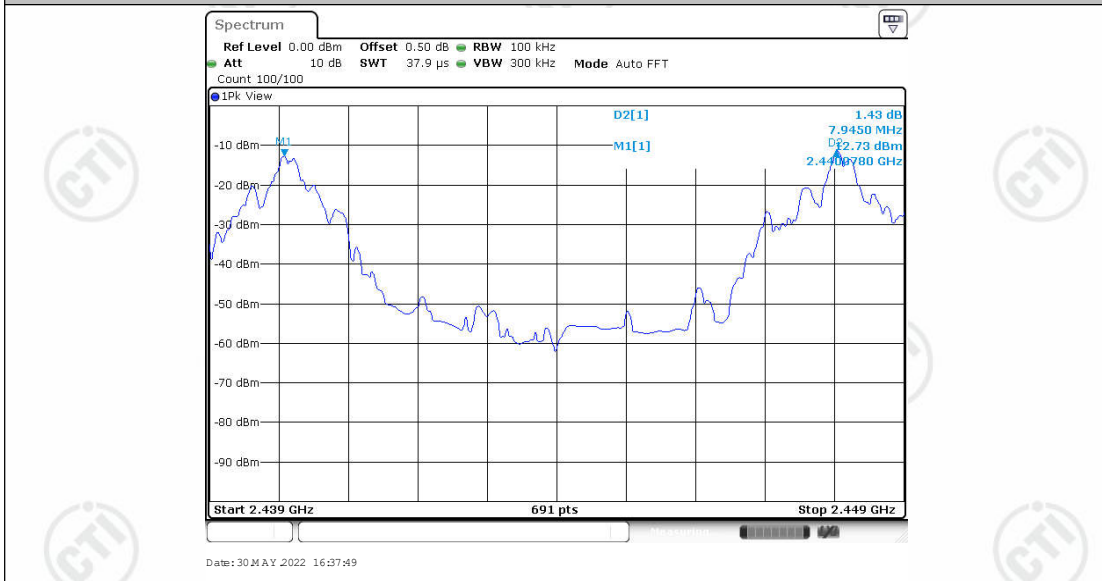
**Appendix D: Carrier frequency separation****Test Result**

Test Mode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
TX	Ant1	Hop_2402	1.9855	$\geq 1.368$	PASS
		Hop_2440	7.9450	$\geq 1.373$	PASS
		Hop_2480	3.9940	$\geq 1.373$	PASS

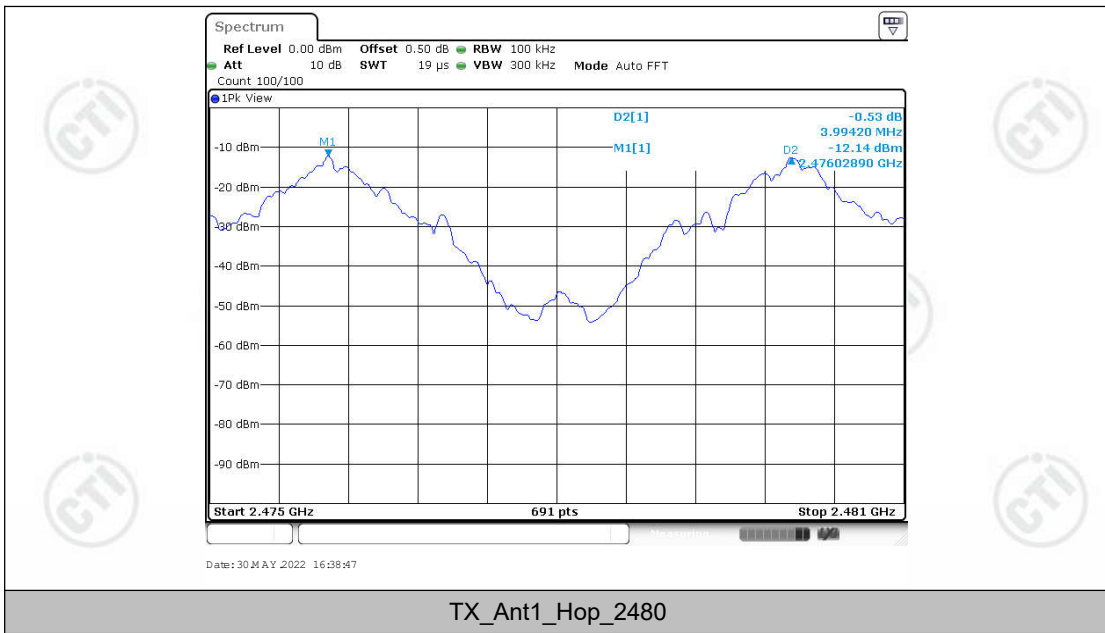
## Test Graphs



TX\_Ant1\_Hop\_2402



TX\_Ant1\_Hop\_2440

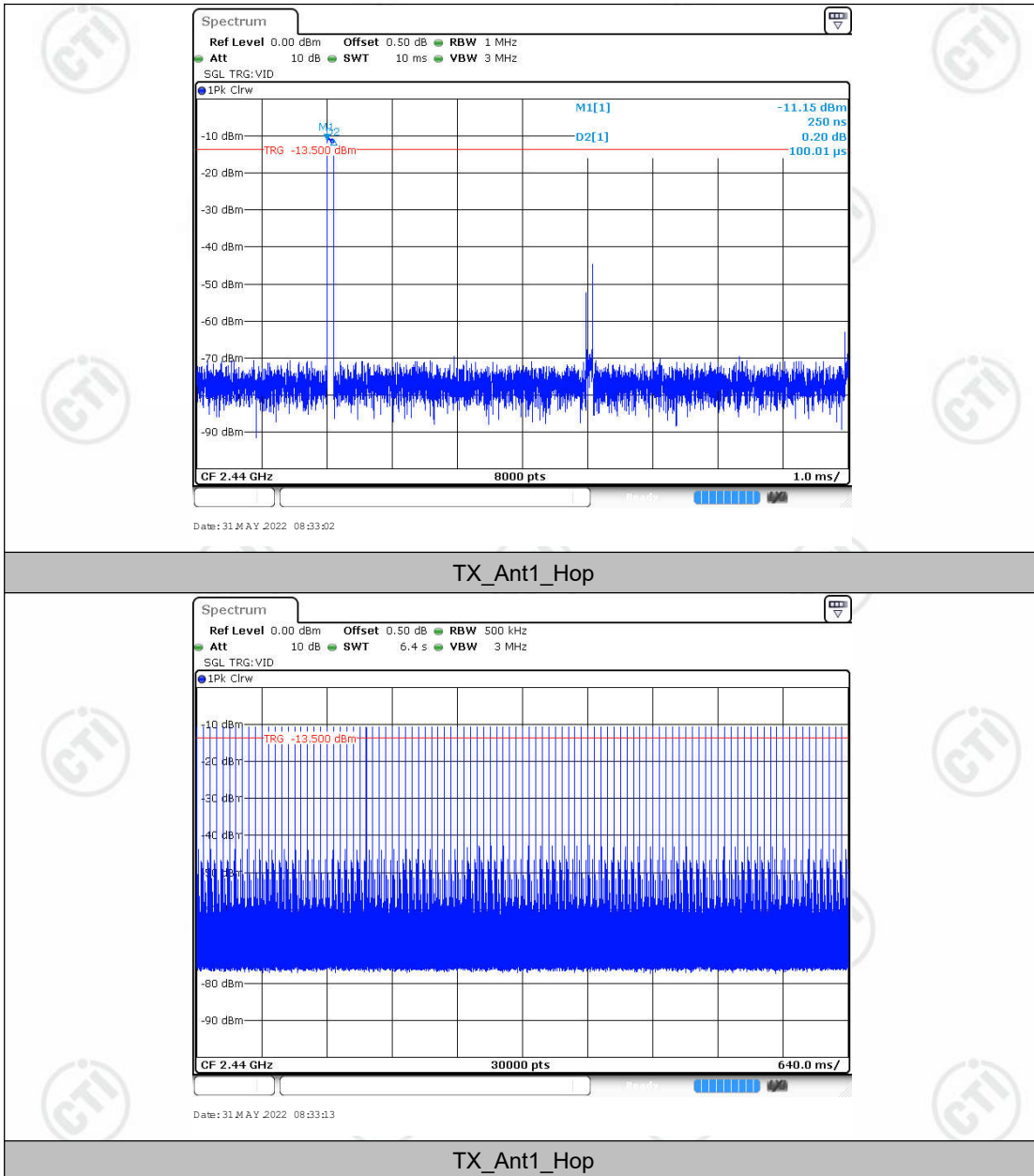


**Appendix E: Time of occupancy****Test Result**

Test Mode	Antenna	Channel	Burst Width [ms]	Total Hops [Num]	Result[s]	Limit[s]	Verdict
TX	Ant1	Hop	0.10	100	0.01	<=0.4	PASS



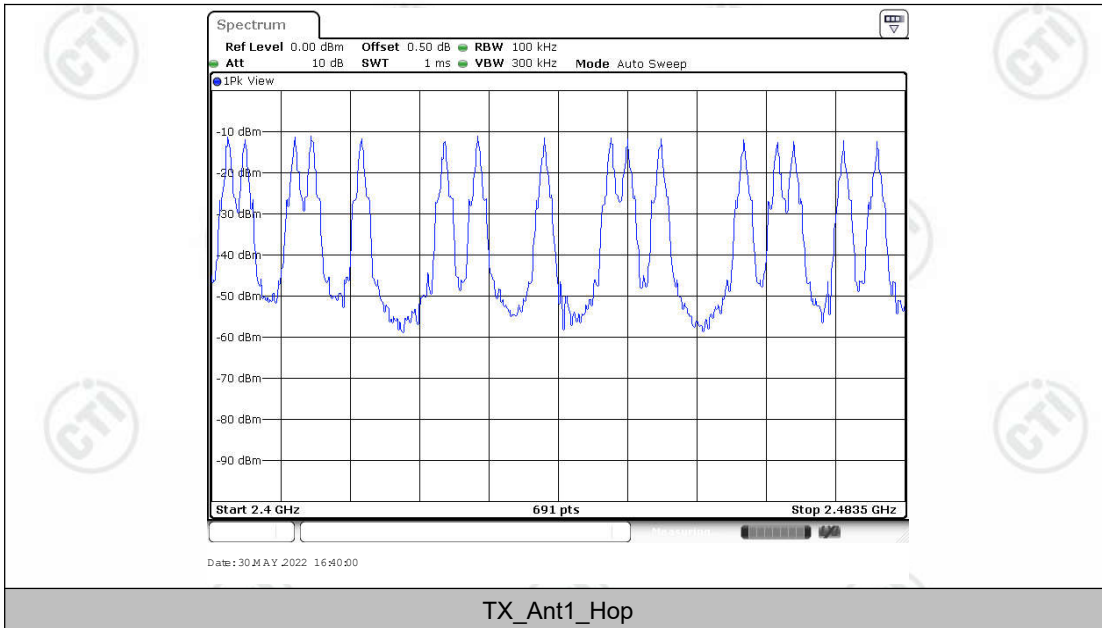
## Test Graphs



**Appendix F: Number of hopping channels****Test Result**

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

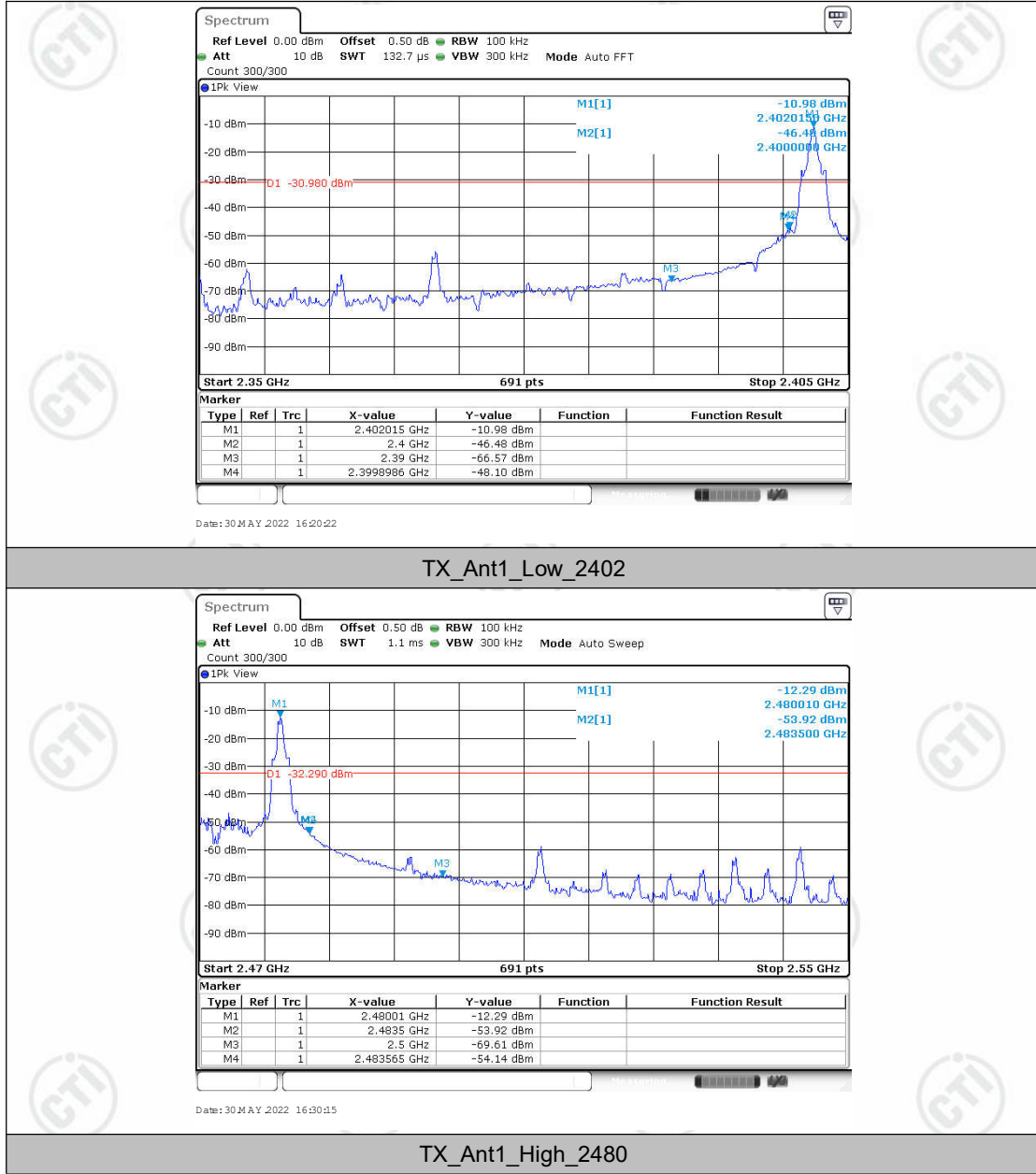
## Test Graphs

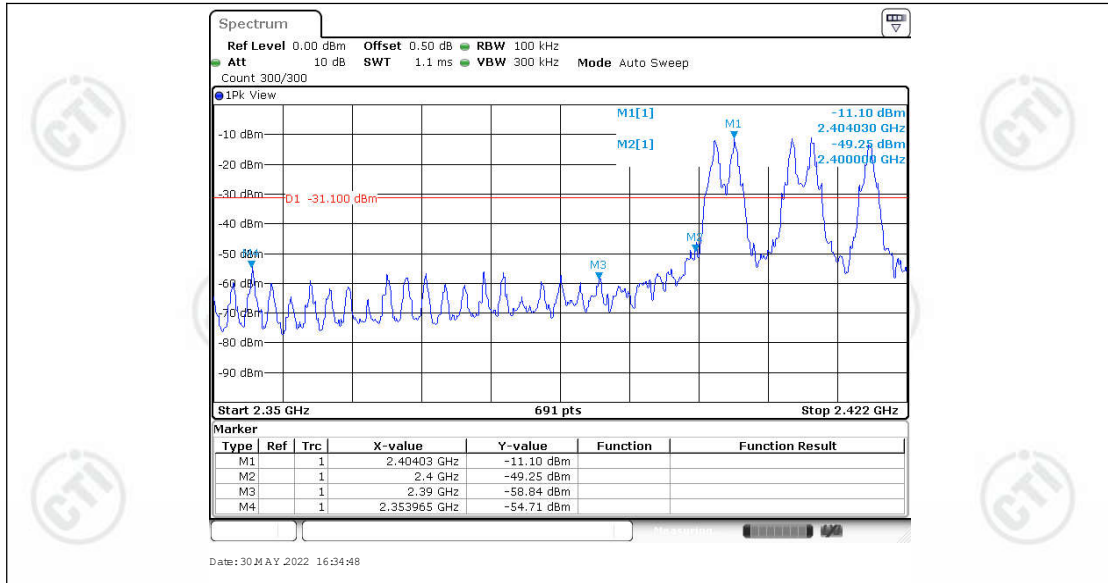


**Appendix G: Band edge measurements****Test Result**

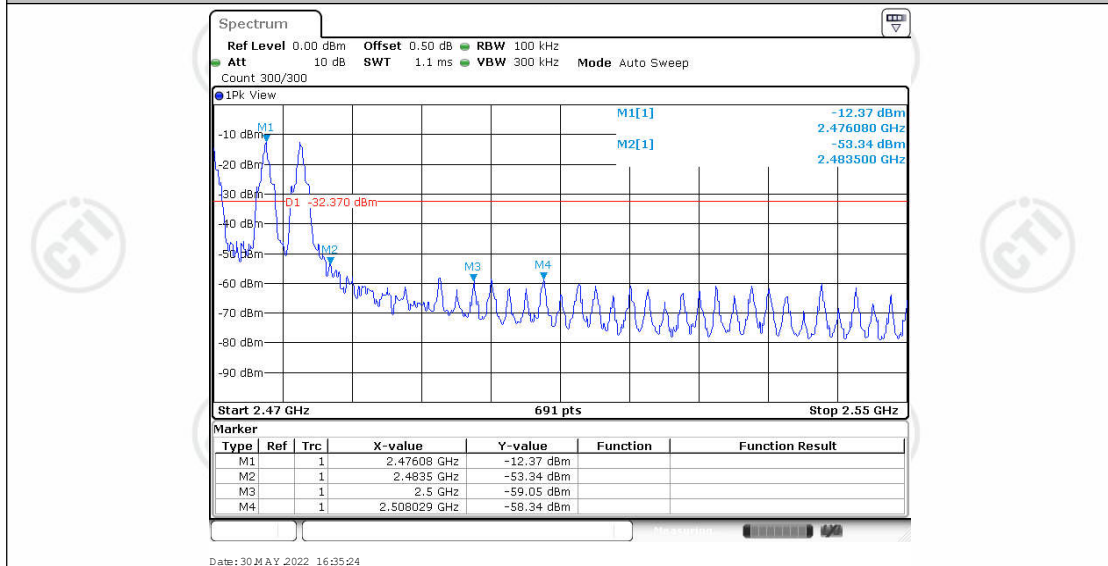
Test Mode	Antenna	Ch Name	Channel	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
TX	Ant1	Low	2402	-10.98	-48.1	<=-30.98	PASS
		High	2480	-12.29	-54.14	<=-32.29	PASS
		Low	Hop_2402	-11.10	-54.71	<=-31.1	PASS
		High	Hop_2480	-12.37	-58.34	<=-32.37	PASS

## Test Graphs





## TX\_Ant1\_Low\_Hop\_2402



## TX\_Ant1\_High\_Hop\_2480



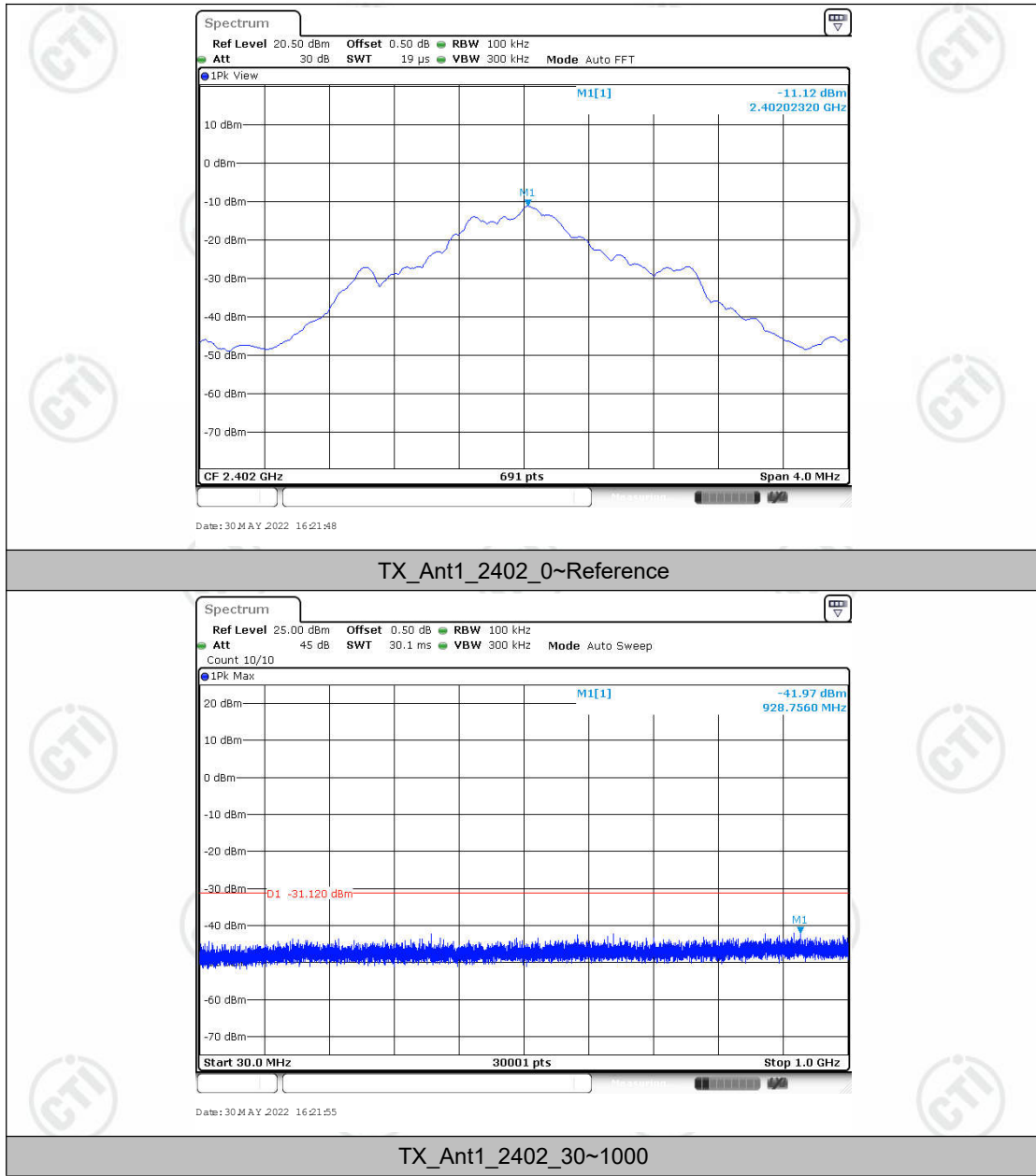
## Appendix H: Conducted Spurious Emission

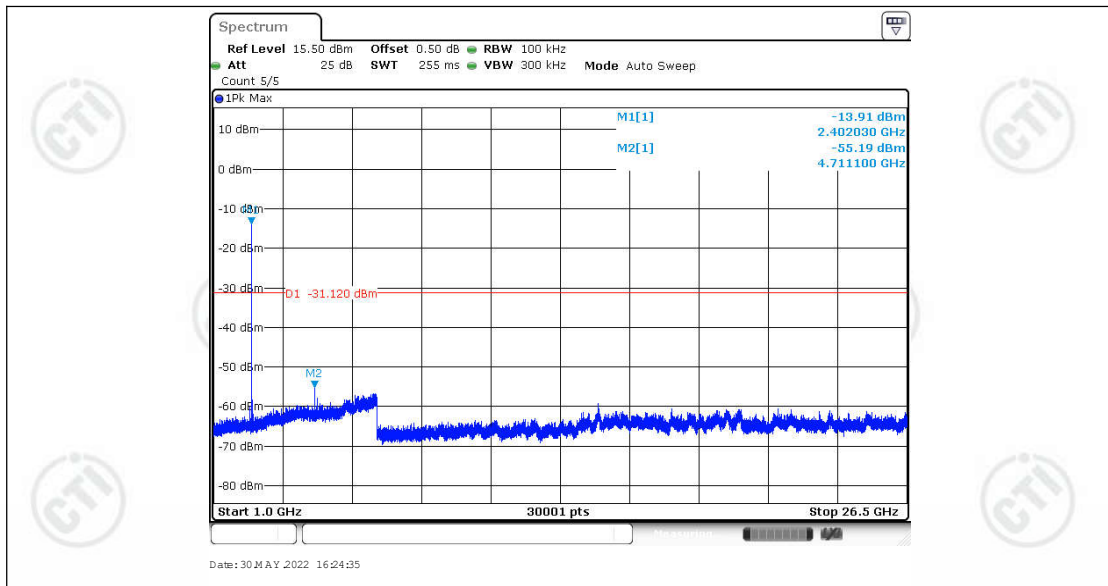
### Test Result

Test Mode	Antenna	Channel	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
TX	Ant1	2402	Reference	-11.12	-11.12	---	PASS
			30~1000	---	-41.97	<=-31.12	PASS
			1000~26500	---	-55.19	<=-31.12	PASS
		2440	Reference	-11.33	-11.33	---	PASS
			30~1000	---	-42.69	<=-31.33	PASS
			1000~26500	---	-56.25	<=-31.33	PASS
		2480	Reference	-12.42	-12.42	---	PASS
			30~1000	---	-42.34	<=-32.42	PASS
			1000~26500	---	-54.16	<=-32.42	PASS

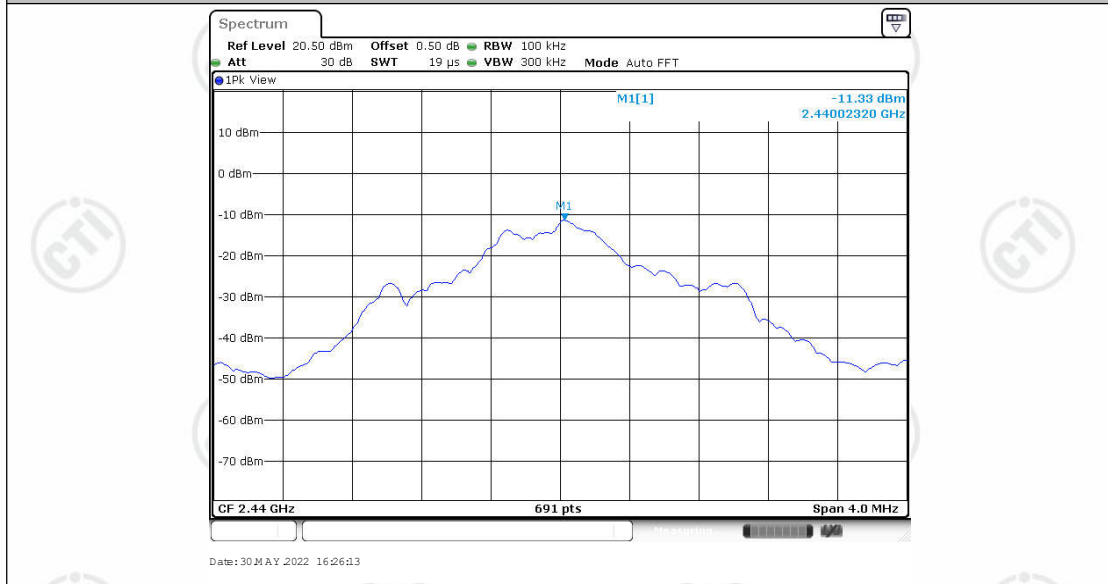


## Test Graphs

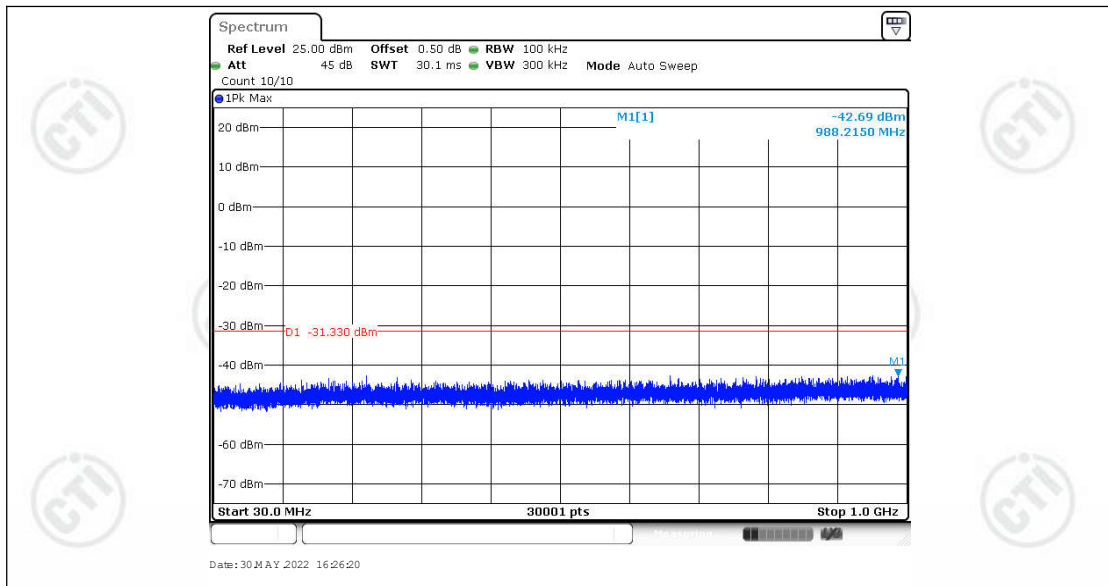




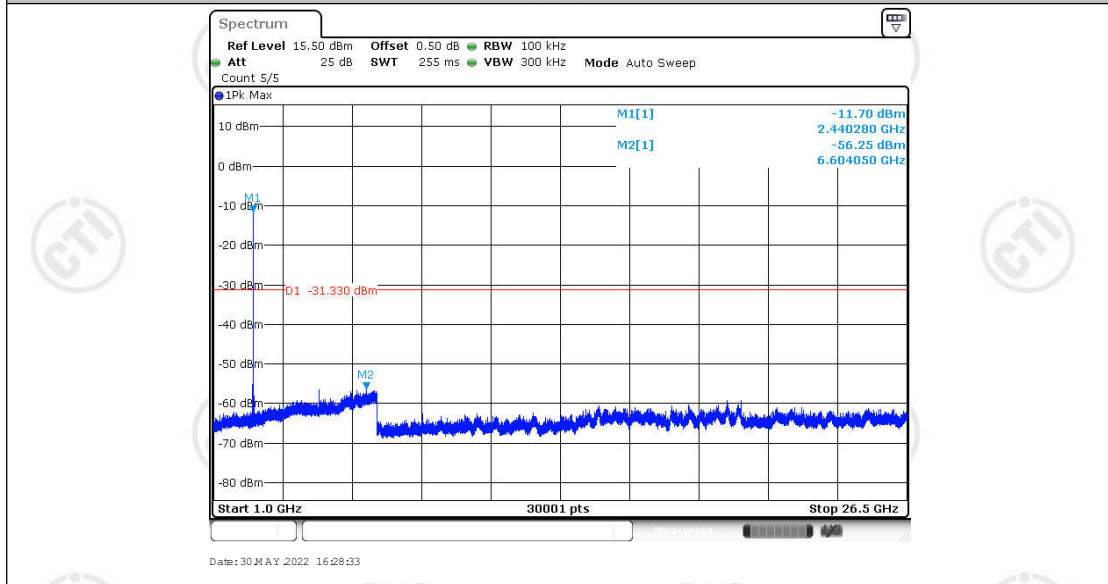
TX\_Ant1\_2402\_1000~26500



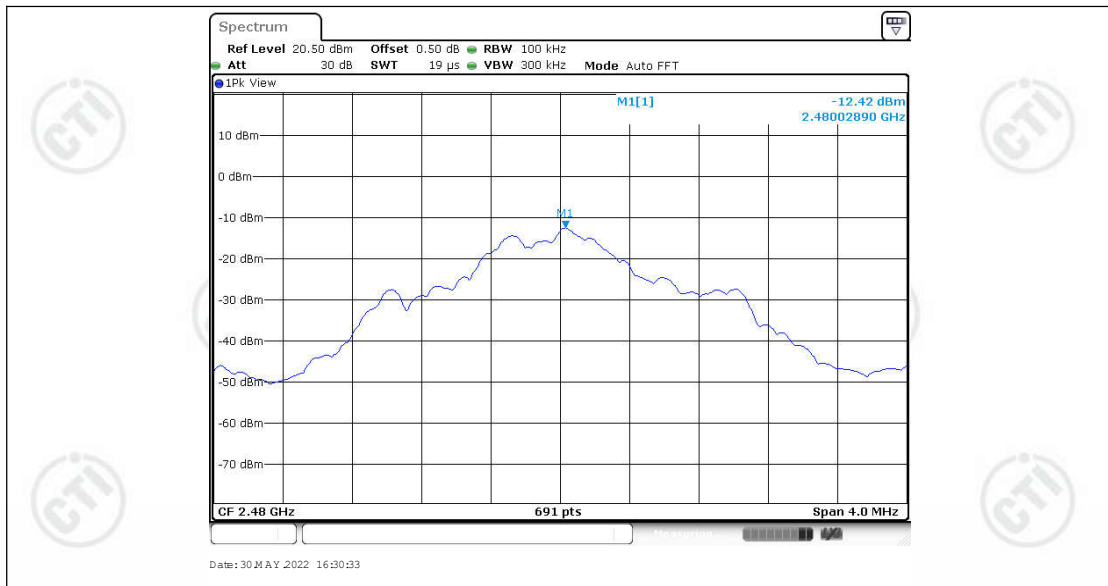
TX\_Ant1\_2440\_0~Reference



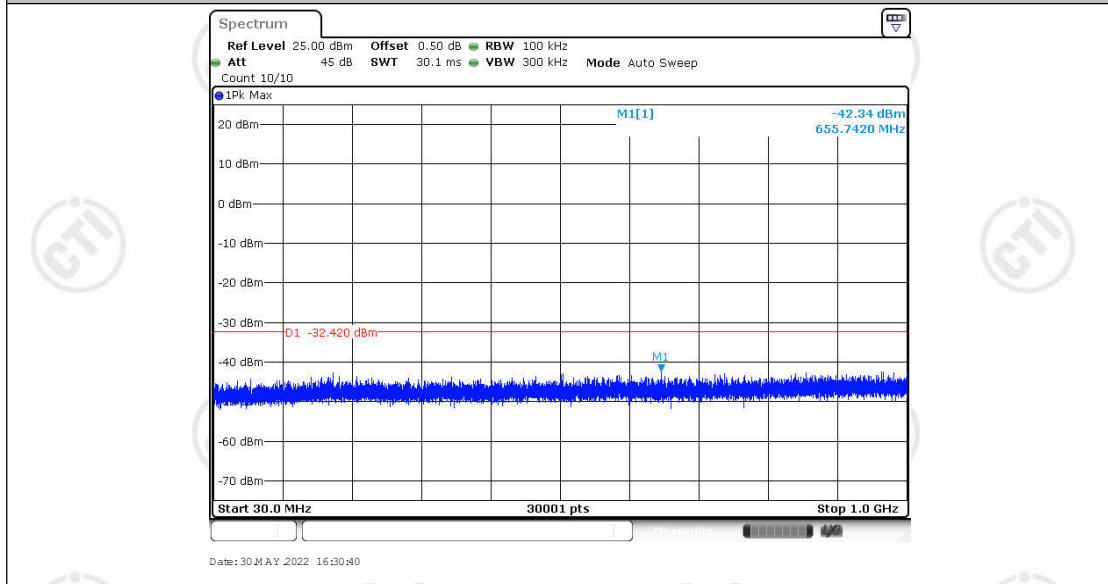
TX\_Ant1\_2440\_30~1000



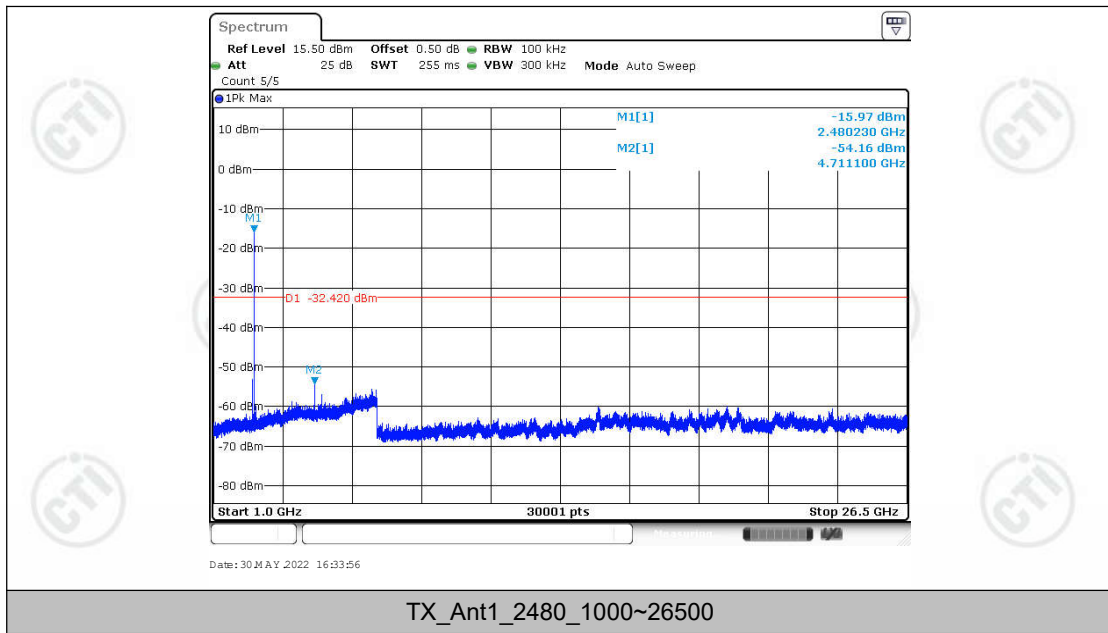
TX\_Ant1\_2440\_1000~26500



TX\_Ant1\_2480\_0~Reference



TX\_Ant1\_2480\_30~1000

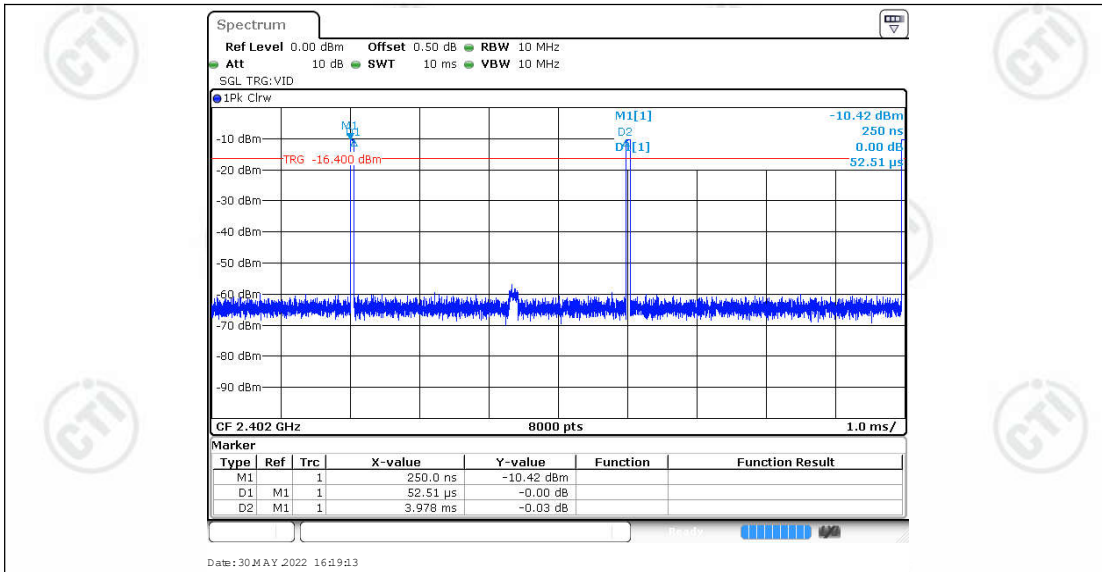


**Appendix I: Duty Cycle****Test Result**

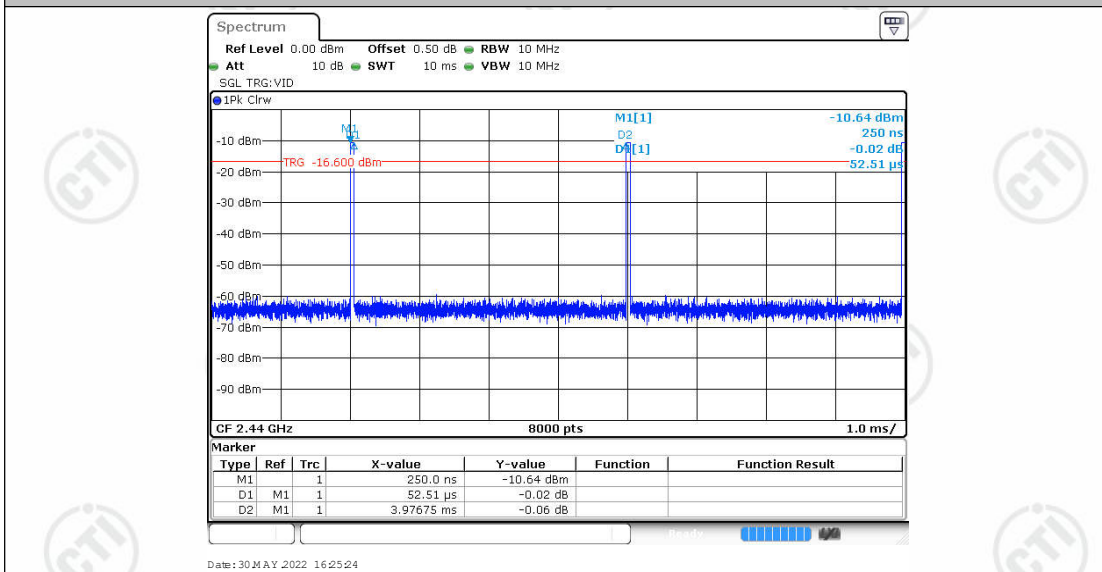
Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
TX	Ant1	2402	0.05	3.98	1.26	---	PASS
		2440	0.05	3.98	1.26	---	PASS
		2480	0.05	3.98	1.26	---	PASS



## Test Graphs

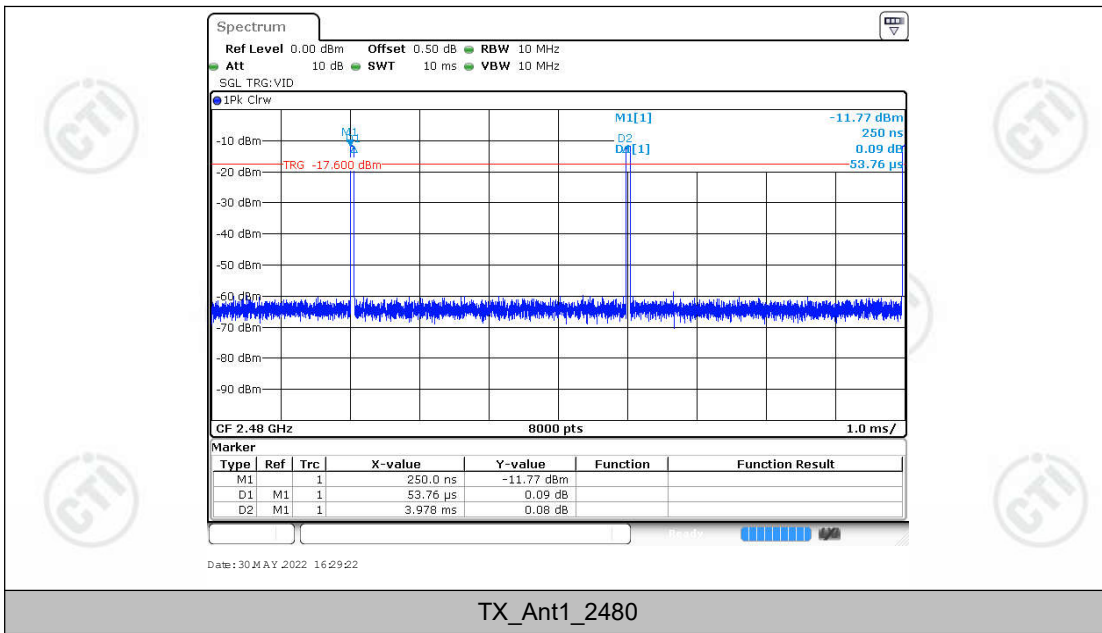


TX\_Ant1\_2402



TX\_Ant1\_2440





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