

## Appendix Bluetooth LE

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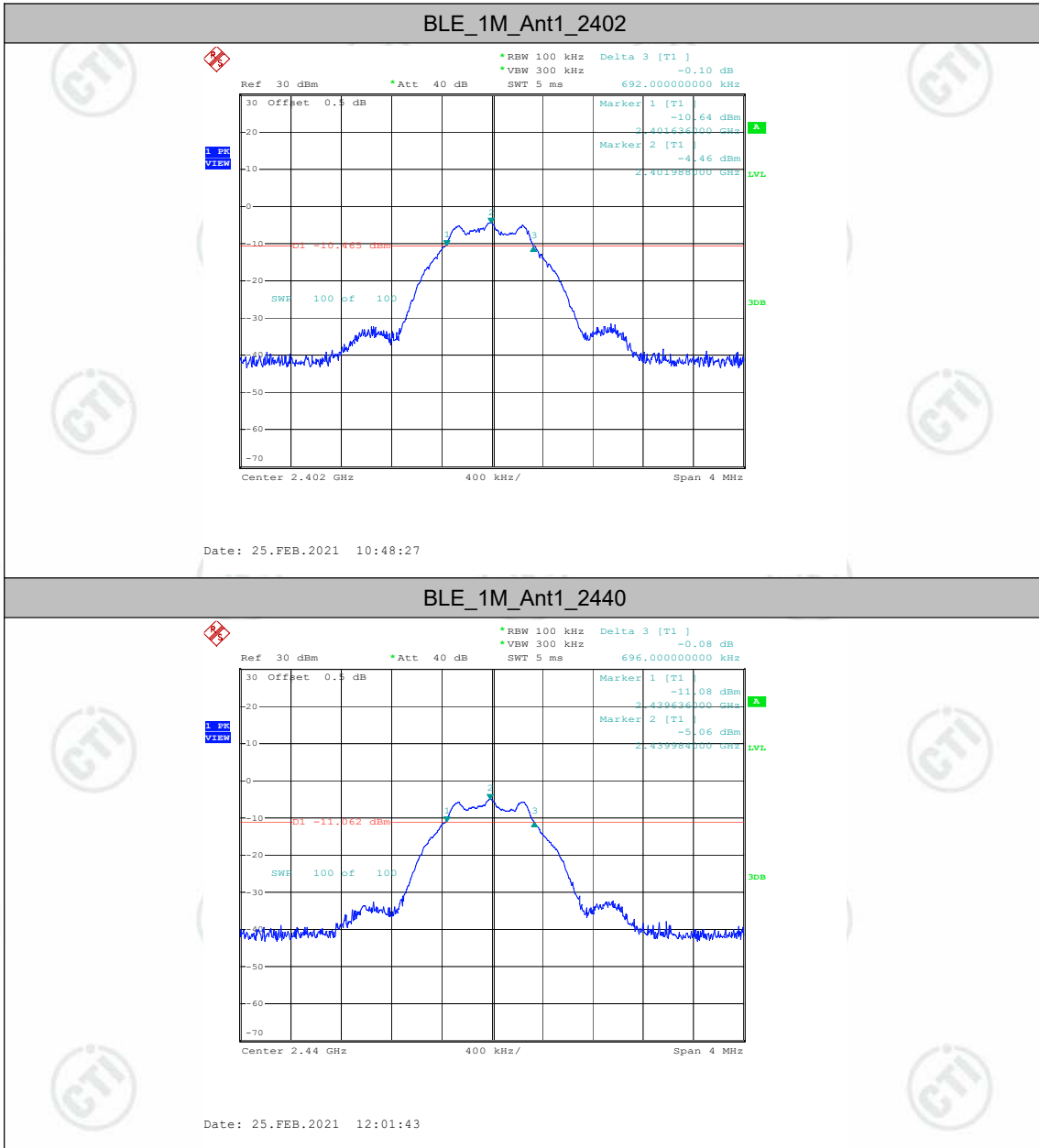
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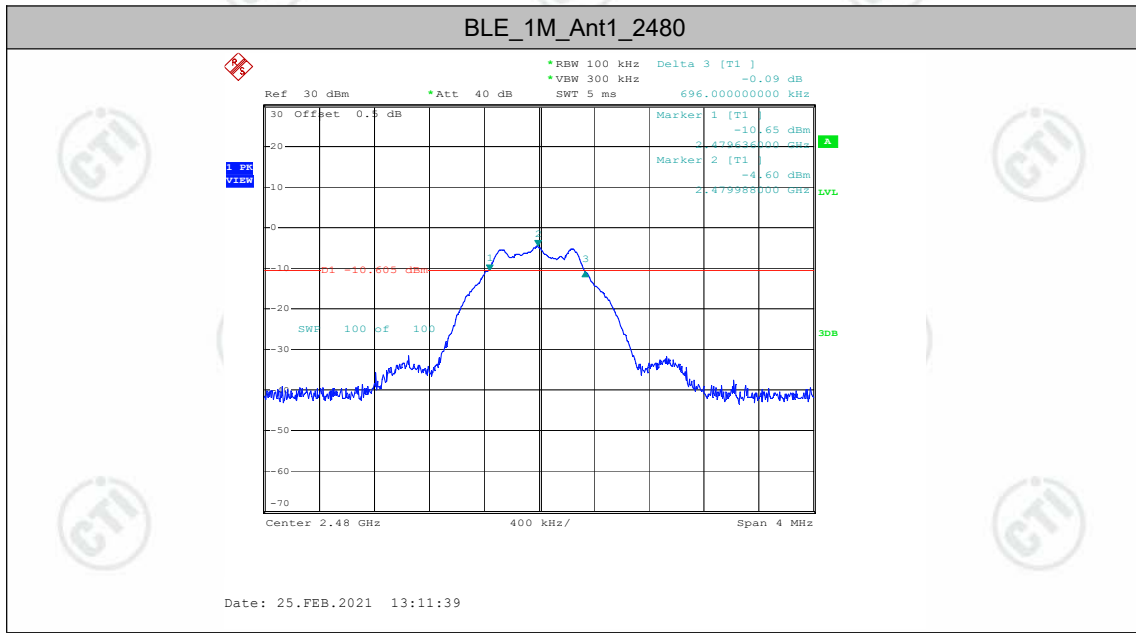
## Appendix A: DTS Bandwidth

### Test Result

Test Mode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.692	2401.636	2402.328	0.5	PASS
		2440	0.696	2439.636	2440.332	0.5	PASS
		2480	0.696	2479.636	2480.332	0.5	PASS

## Test Graphs



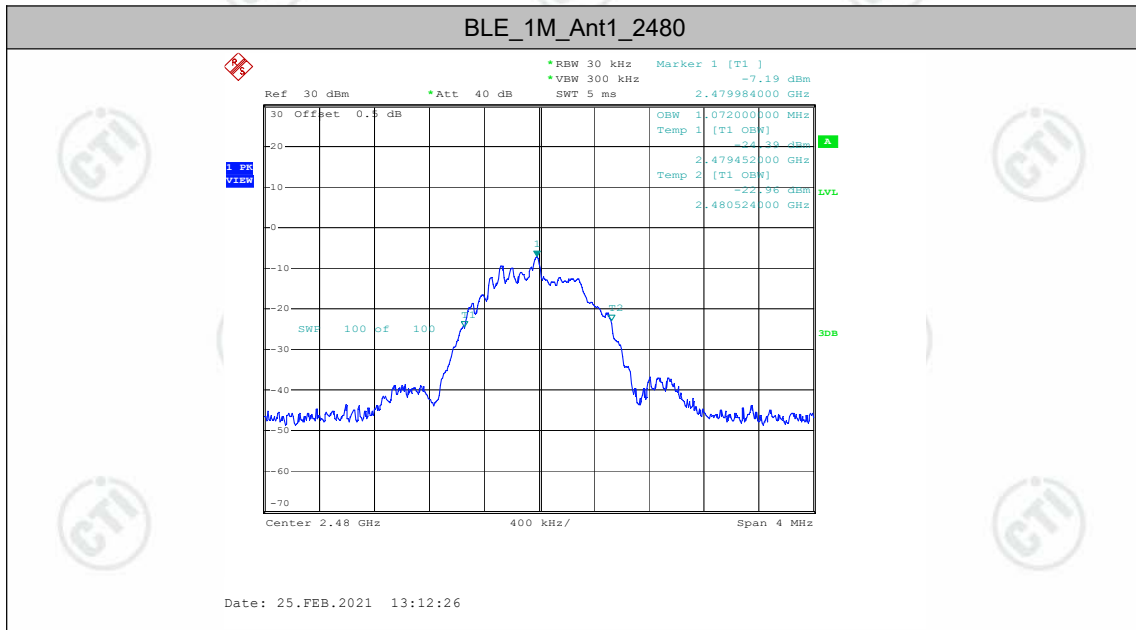


## Appendix B: Occupied Channel Bandwidth

### Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.072	0.000	0.000	---	PASS
		2440	1.072	0.000	0.000	---	PASS
		2480	1.072	0.000	0.000	---	PASS





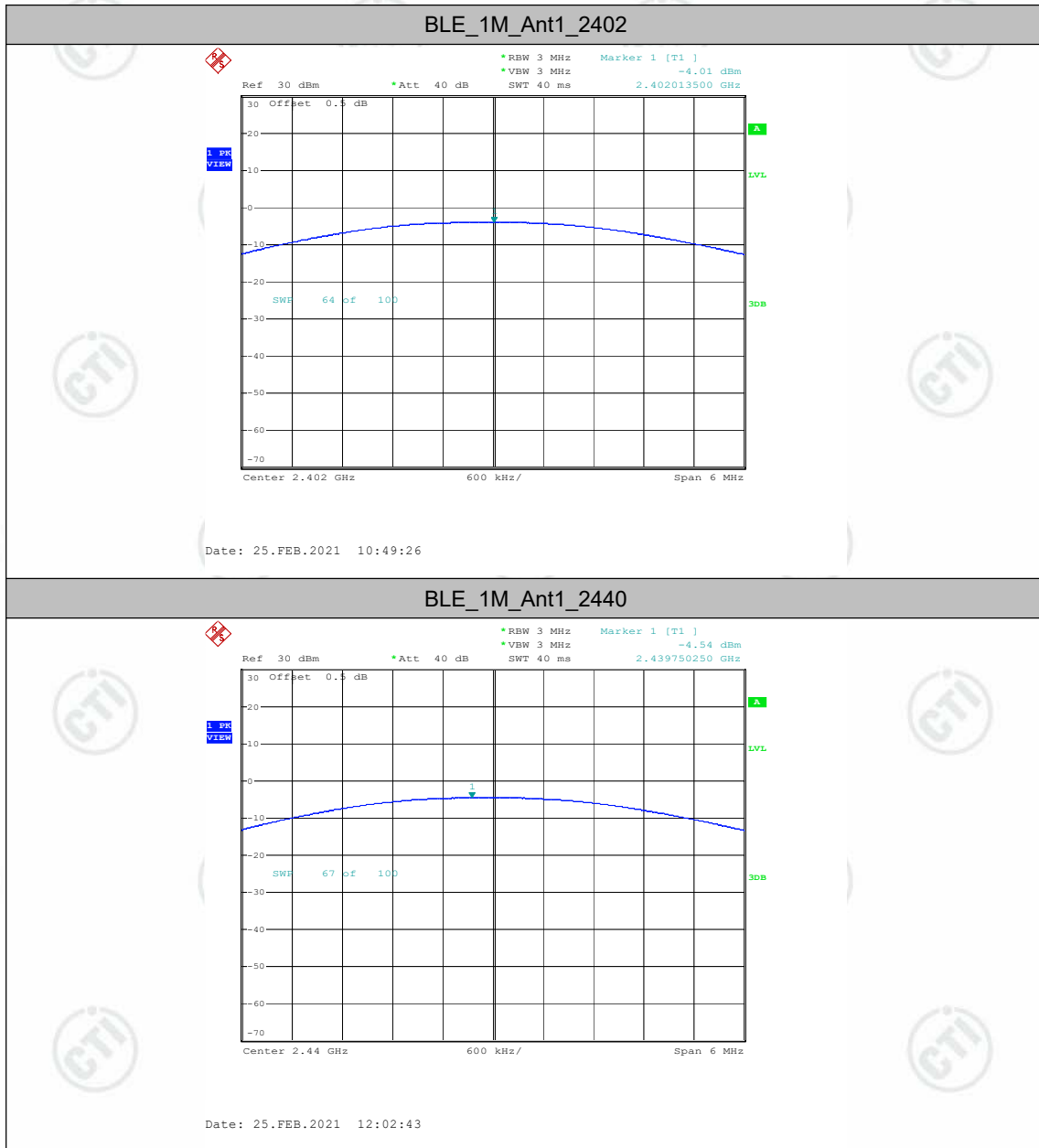


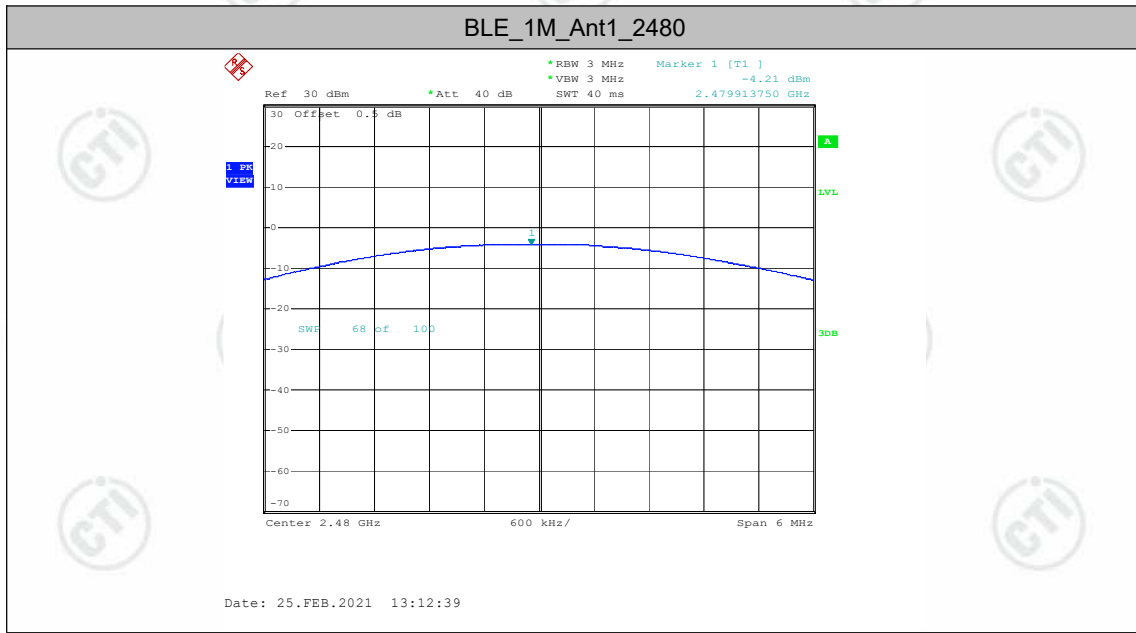
### Appendix C: Maximum conducted output power

#### Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-4.01	<=30	PASS
		2440	-4.54	<=30	PASS
		2480	-4.21	<=30	PASS

## Test Graphs



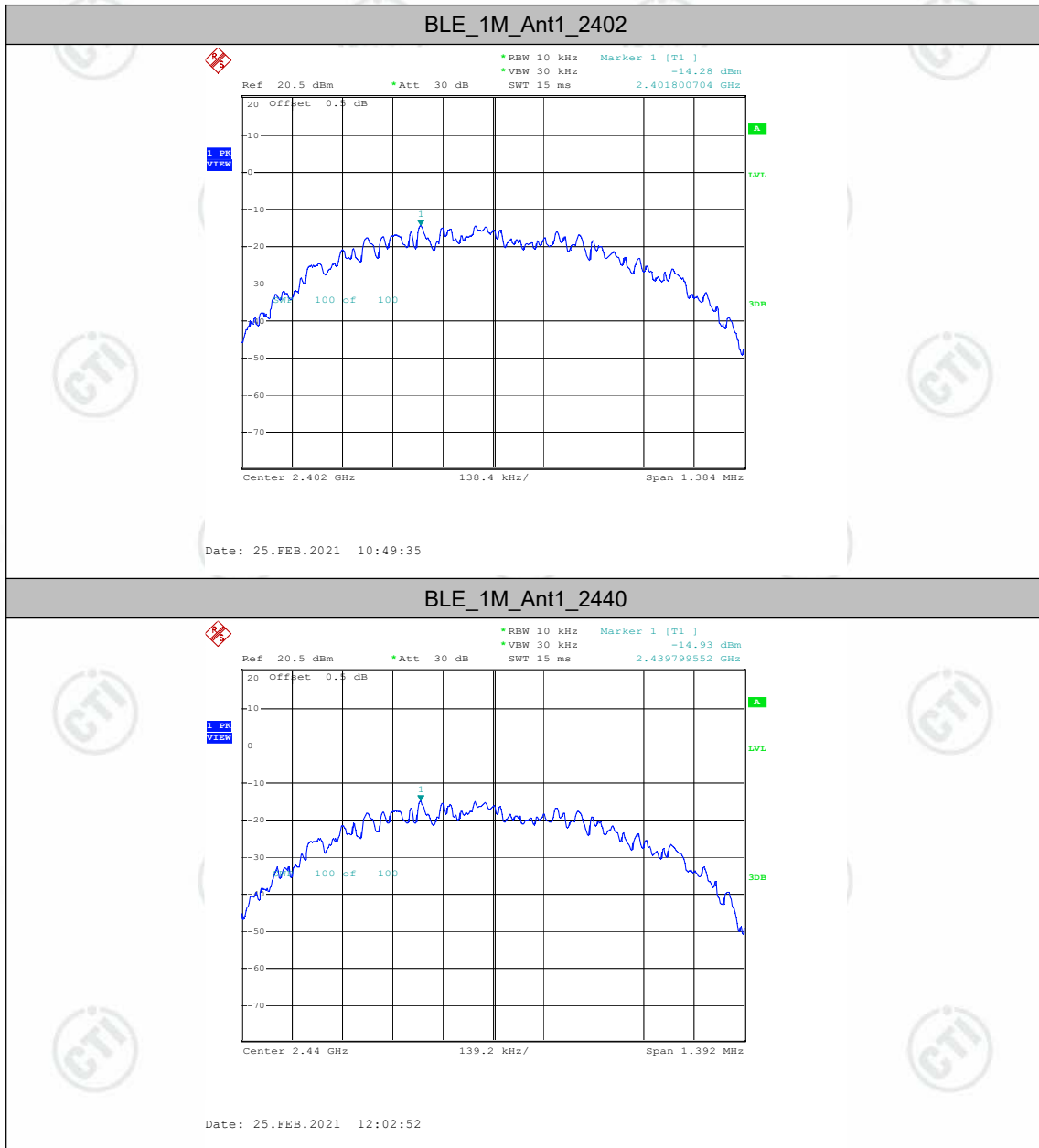


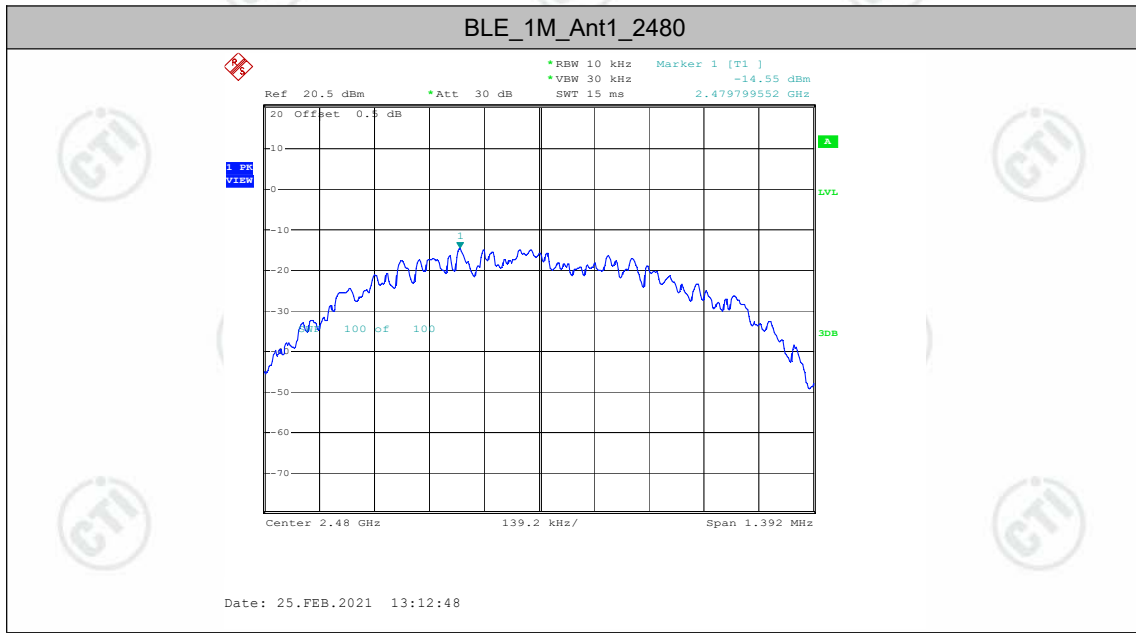
## Appendix D: Maximum power spectral density

### Test Result

Test Mode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.28	<=8	PASS
		2440	-14.93	<=8	PASS
		2480	-14.55	<=8	PASS

## Test Graphs



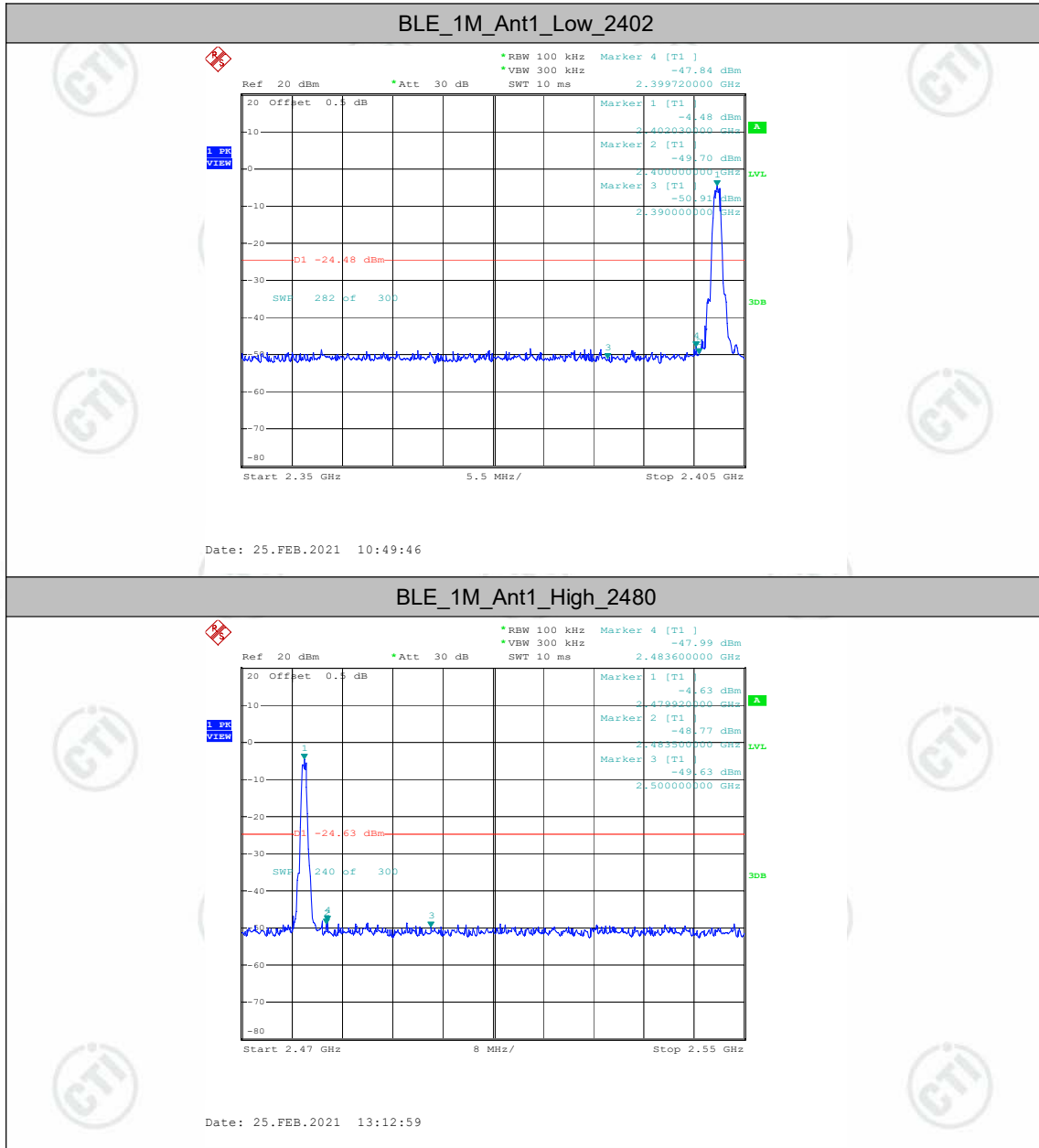


## Appendix E: Band edge measurements

### Test Result

Test Mode	Antenna	Ch Name	Channel	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	-4.48	-47.84	<=-24.48	PASS
		High	2480	-4.63	-47.99	<=-24.63	PASS

## Test Graphs



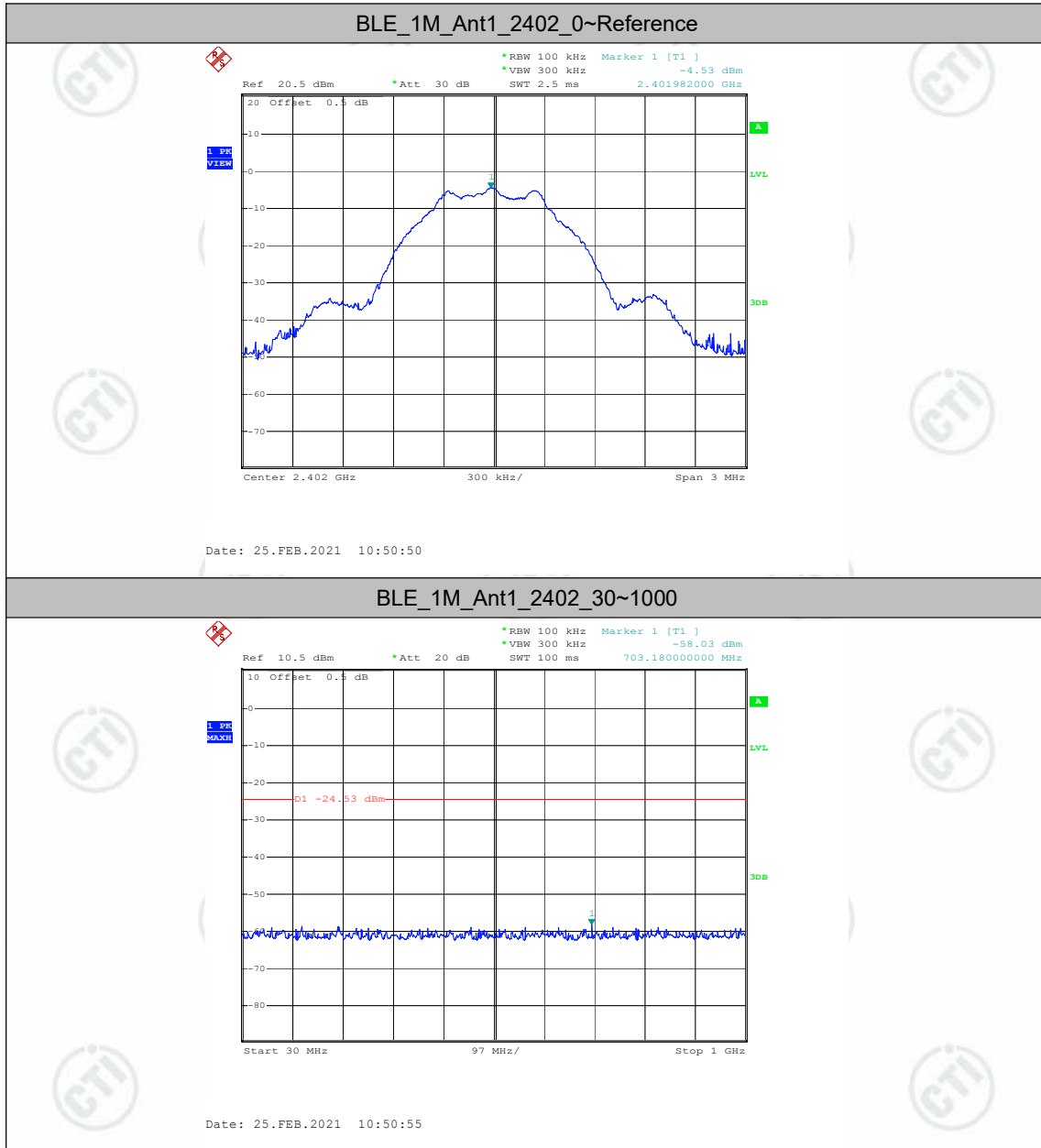


## Appendix F: Conducted Spurious Emission

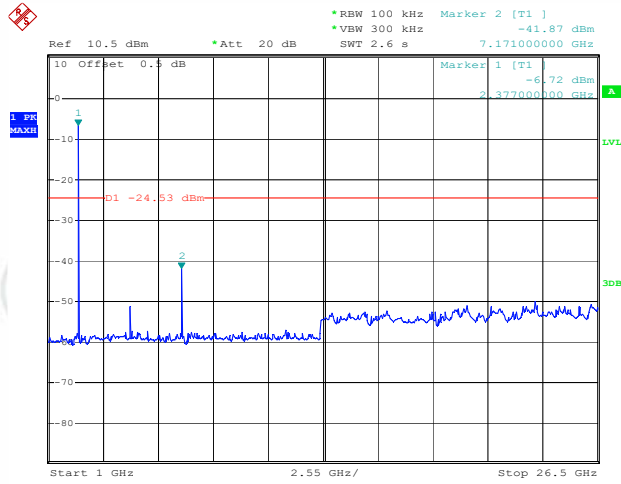
### Test Result

Test Mode	Antenna	Channel	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-4.53	-4.53	---	PASS
			30~1000	-4.53	-58.03	<=-24.53	PASS
			1000~26500	-4.53	-41.87	<=-24.53	PASS
		2440	Reference	-5.18	-5.18	---	PASS
			30~1000	-5.18	-58.35	<=-25.18	PASS
			1000~26500	-5.18	-46.87	<=-25.18	PASS
		2480	Reference	-4.80	-4.80	---	PASS
			30~1000	-4.80	-58.06	<=-24.8	PASS
			1000~26500	-4.80	-45.6	<=-24.8	PASS

## Test Graphs

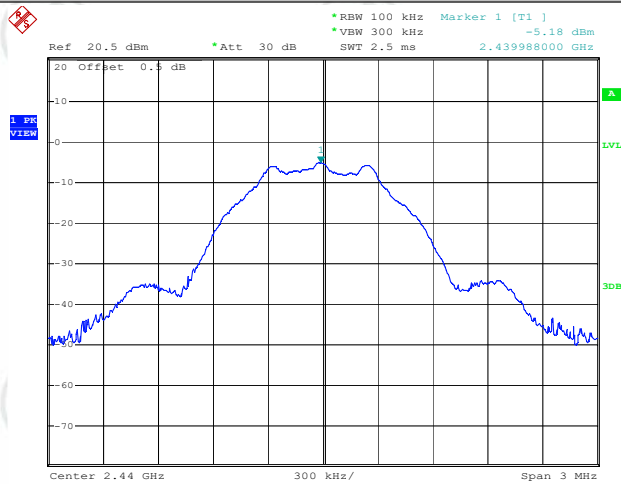


BLE\_1M\_Ant1\_2402\_1000~26500



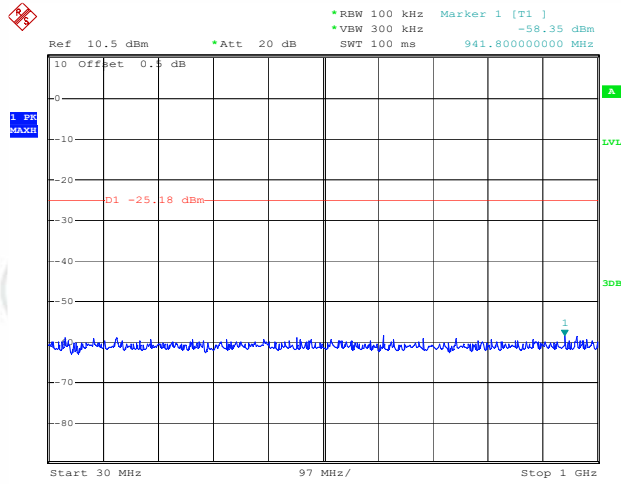
Date: 25.FEB.2021 10:51:18

BLE\_1M\_Ant1\_2440\_0~Reference



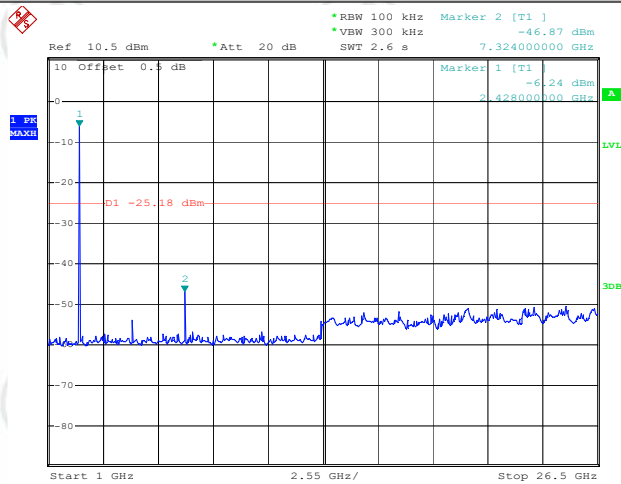
Date: 25.FEB.2021 12:02:59

BLE\_1M\_Ant1\_2440\_30~1000



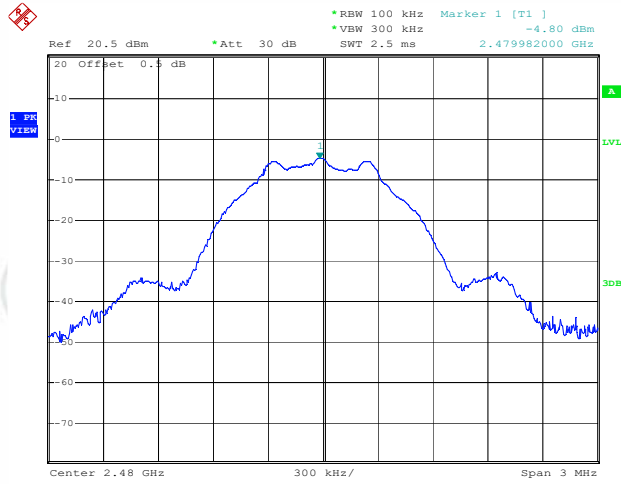
Date: 25.FEB.2021 12:03:04

BLE\_1M\_Ant1\_2440\_1000~26500



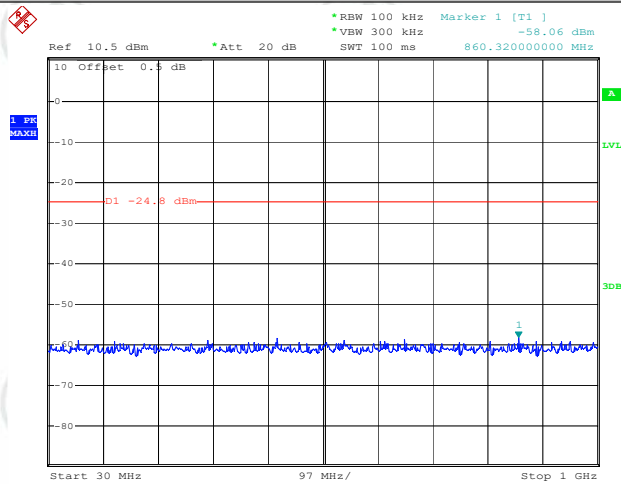
Date: 25.FEB.2021 12:03:28

BLE\_1M\_Ant1\_2480\_0~Reference

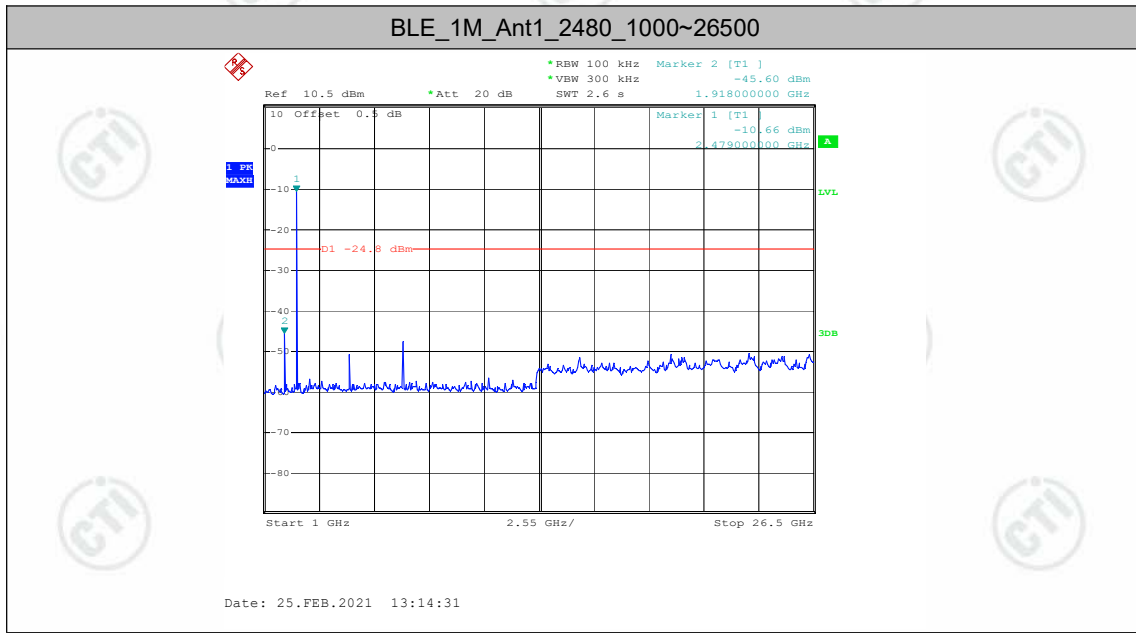


Date: 25.FEB.2021 13:14:02

BLE\_1M\_Ant1\_2480\_30~1000



Date: 25.FEB.2021 13:14:08

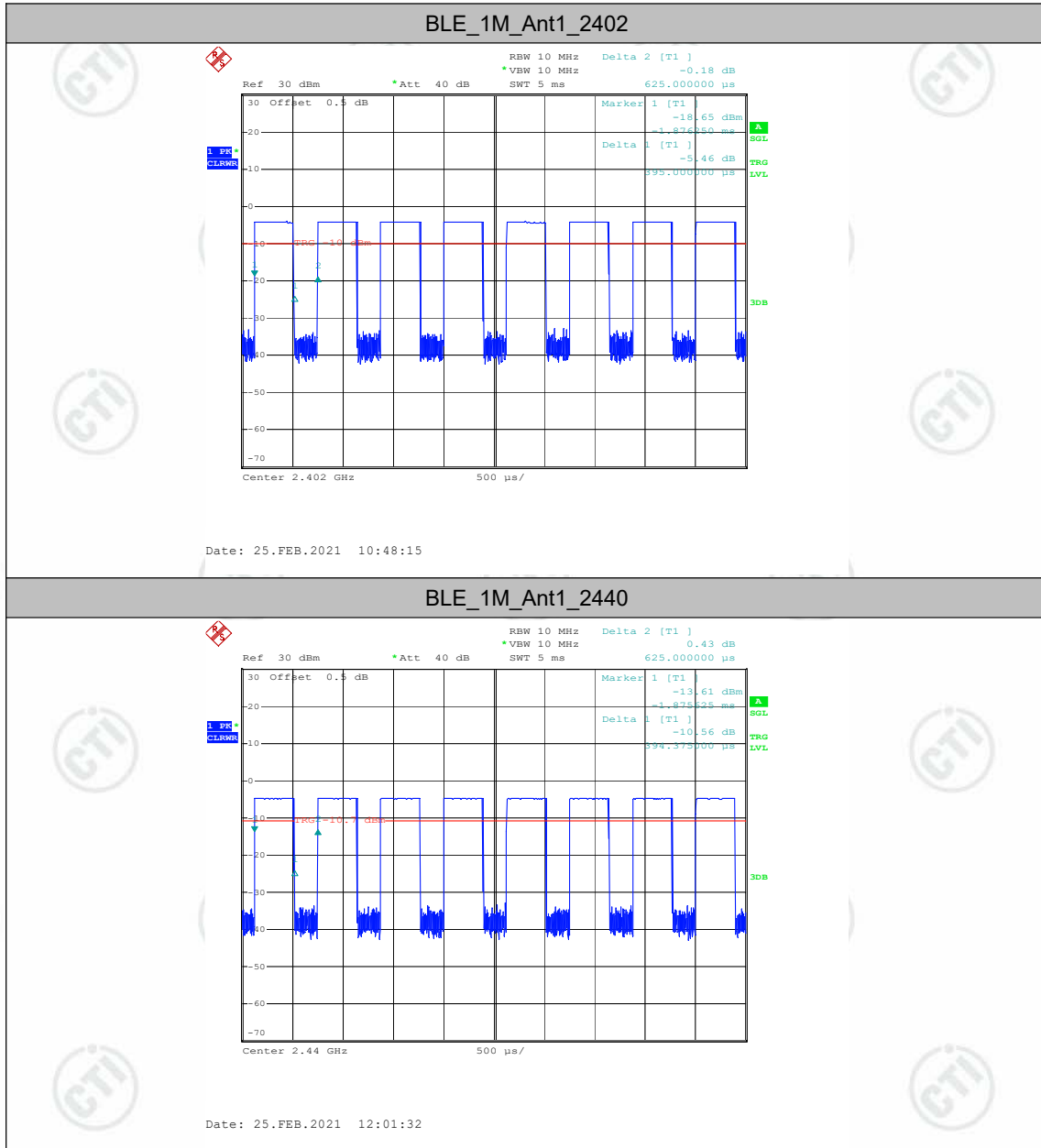


## Appendix G: Duty Cycle

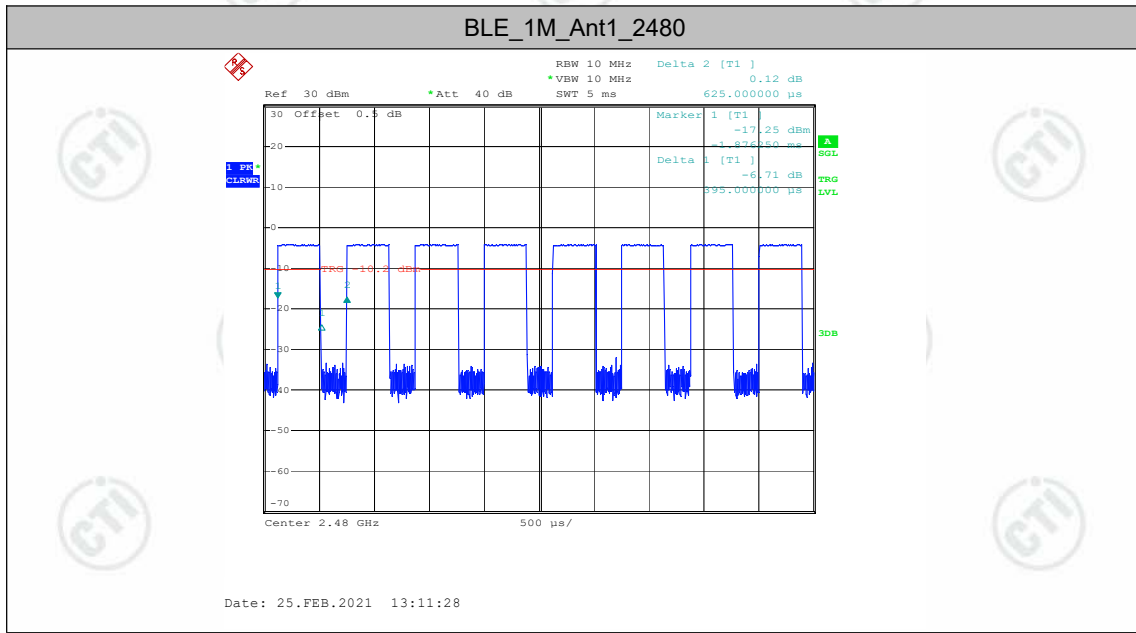
### Test Result

Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
BLE_1M	Ant1	2402	0.40	0.63	63.49	---	PASS
		2440	0.39	0.63	61.90	---	PASS
		2480	0.40	0.63	63.49	---	PASS

## Test Graphs







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