

Appendix: Bluetooth LE

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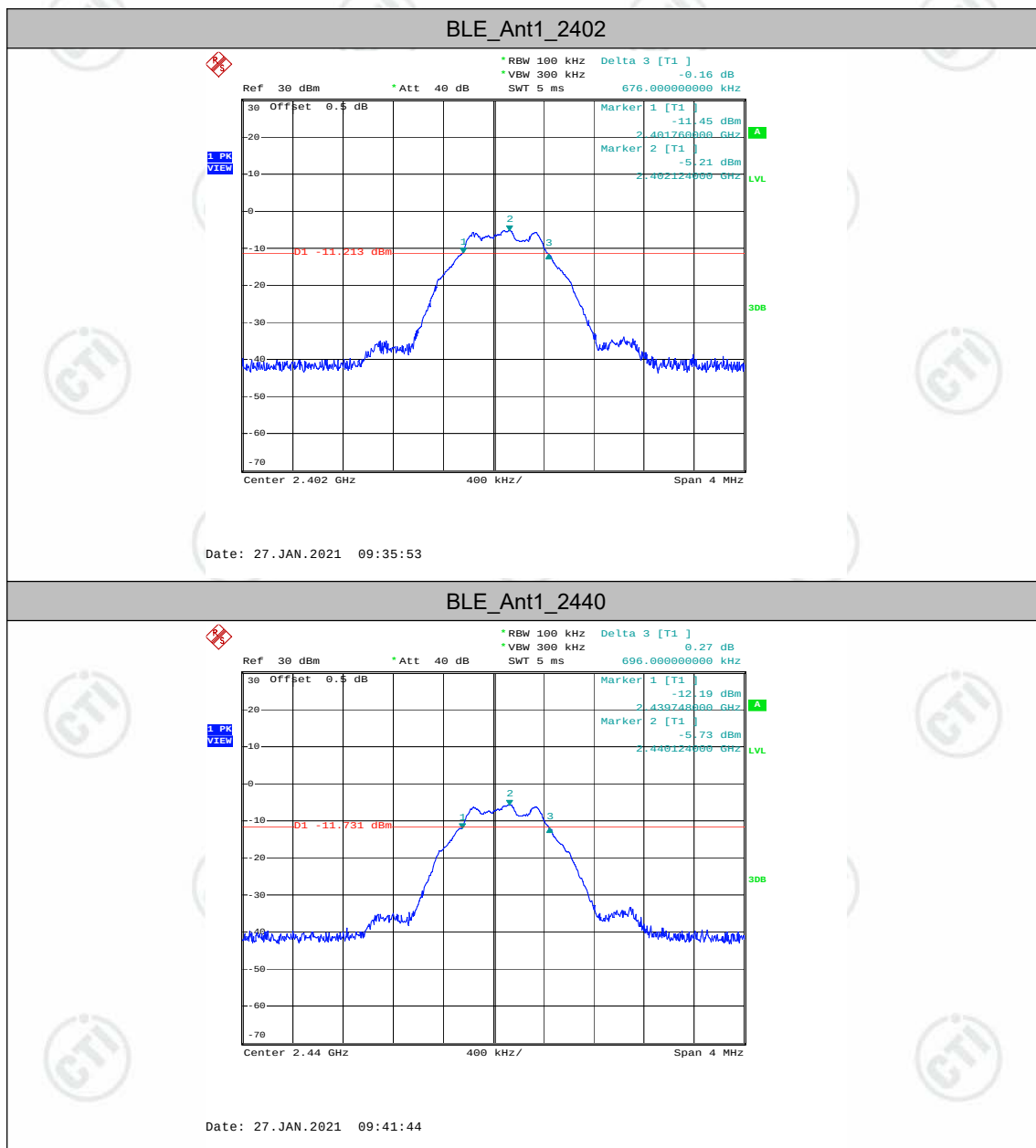
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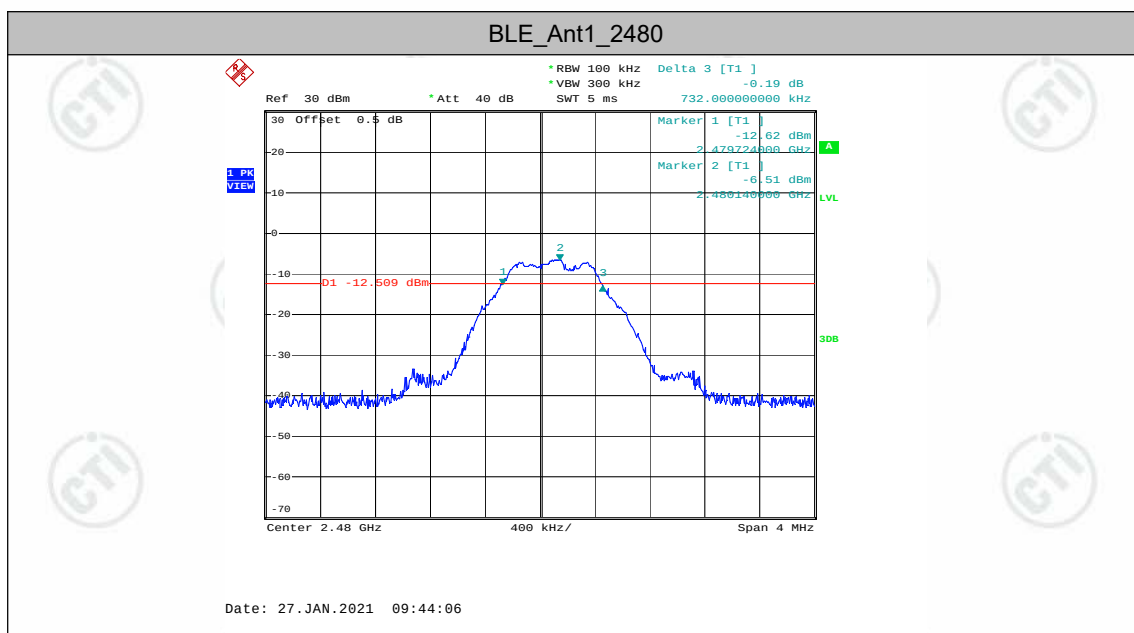
Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	0.676	2401.760	2402.436	0.5	PASS
		2440	0.696	2439.748	2440.444	0.5	PASS
		2480	0.732	2479.724	2480.456	0.5	PASS

Test Graphs



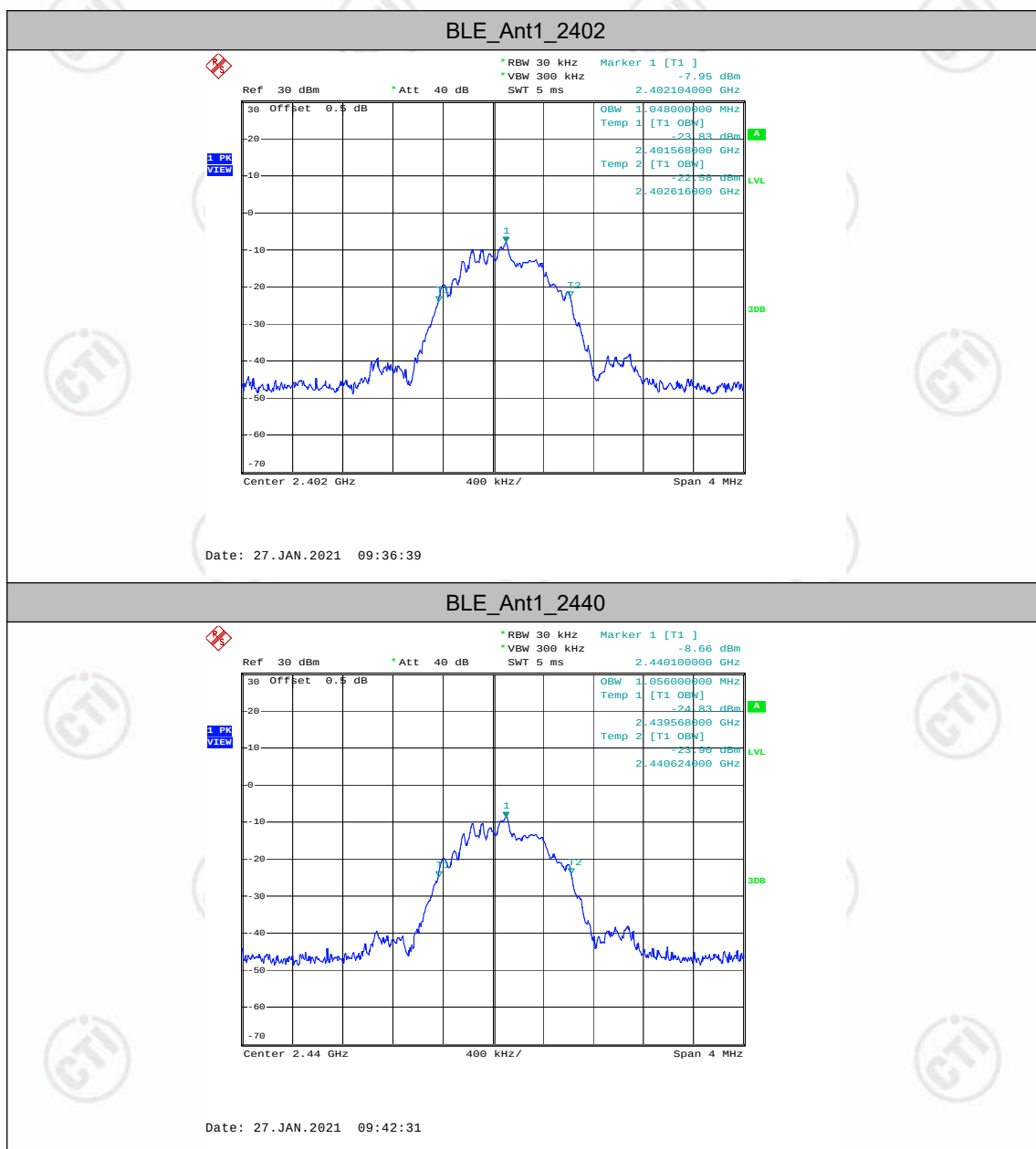


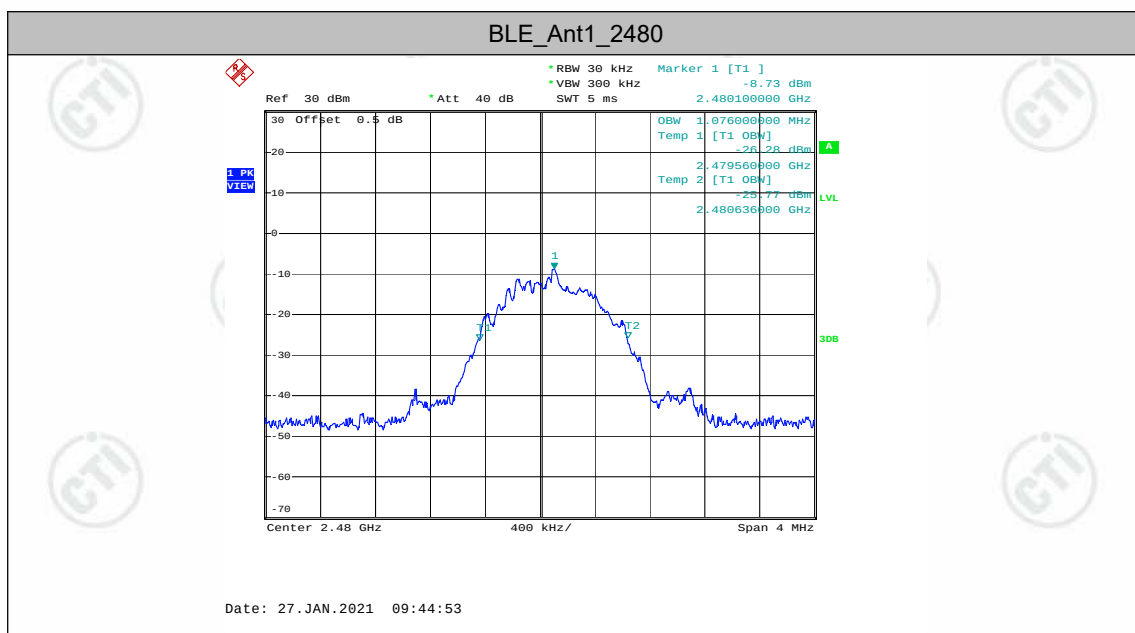
Appendix B: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	1.048	2401.568	2402.616	---	PASS
		2440	1.056	2439.568	2440.624	---	PASS
		2480	1.076	2479.560	2480.636	---	PASS

Test Graphs



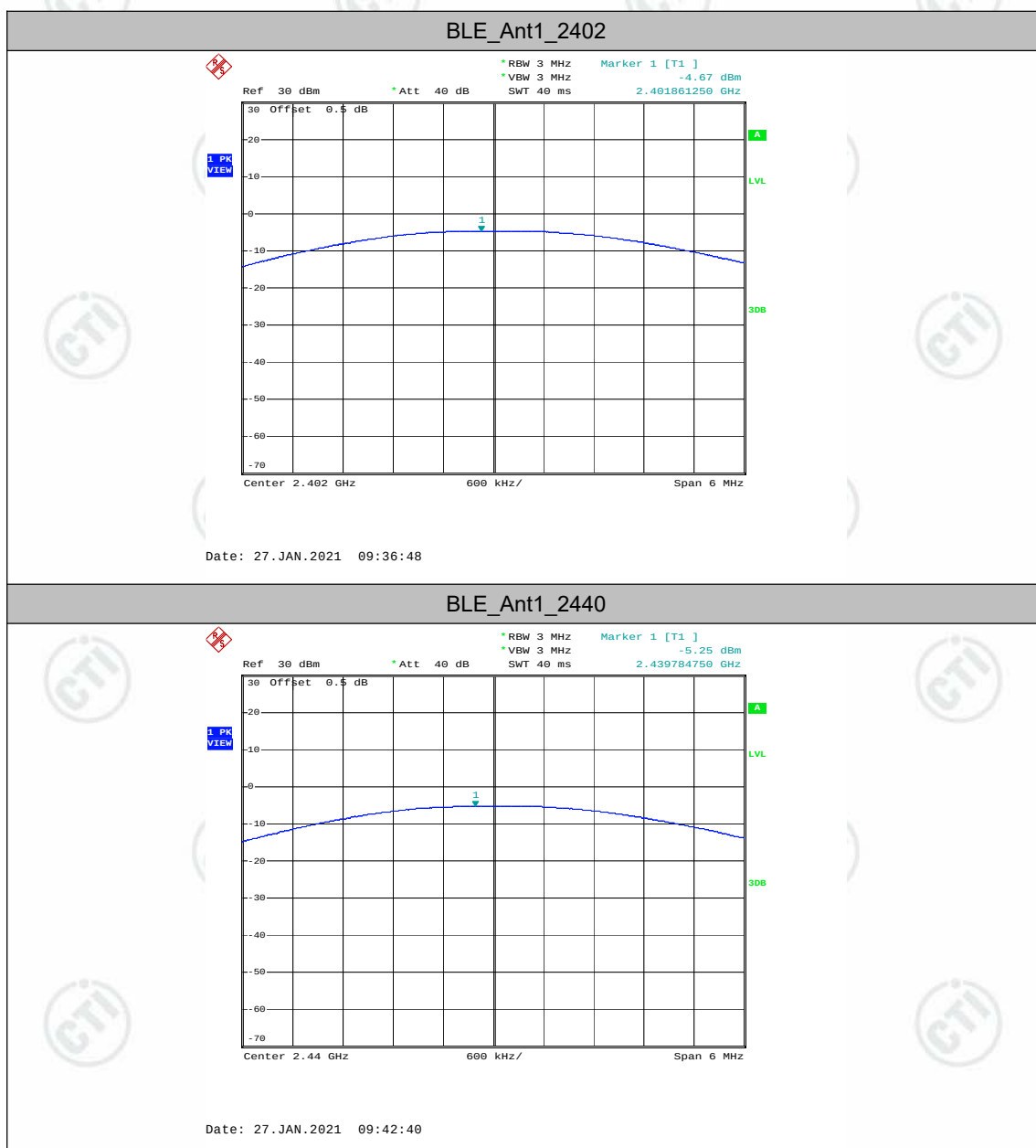


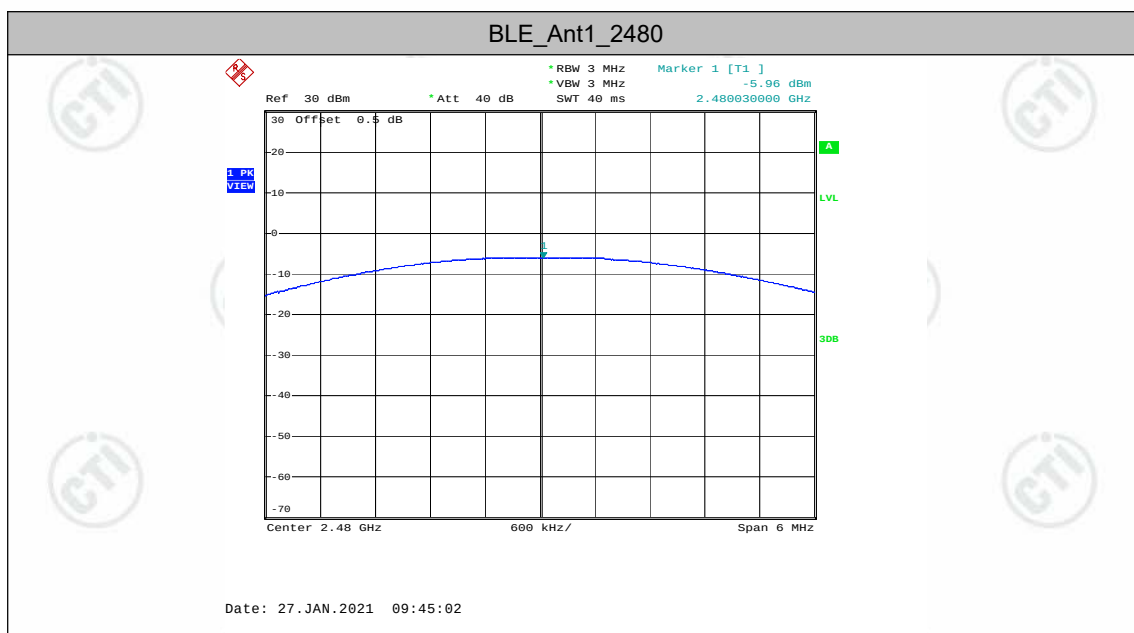
Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	2402	-4.67	<=30	PASS
		2440	-5.25	<=30	PASS
		2480	-5.96	<=30	PASS

Test Graphs



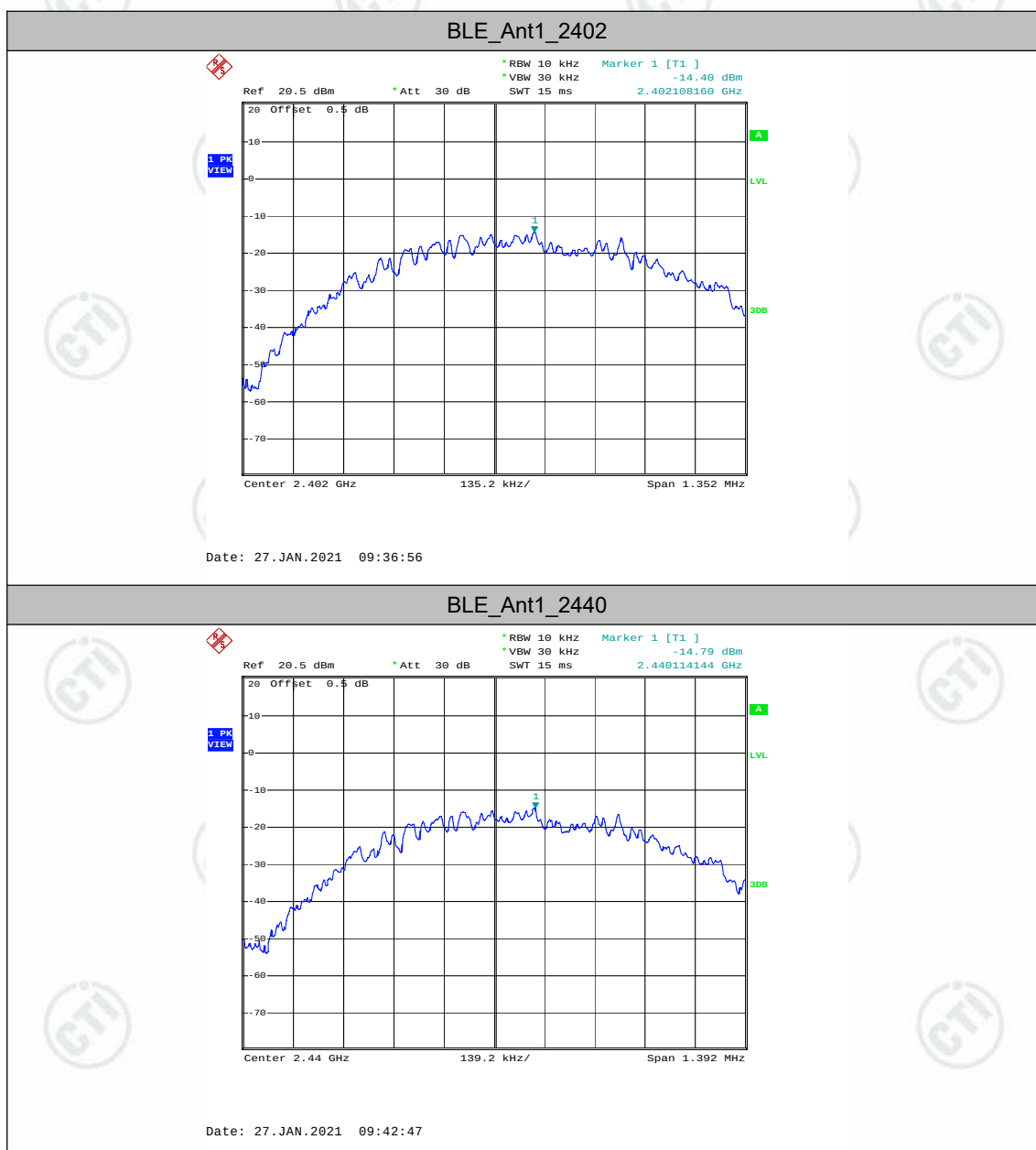


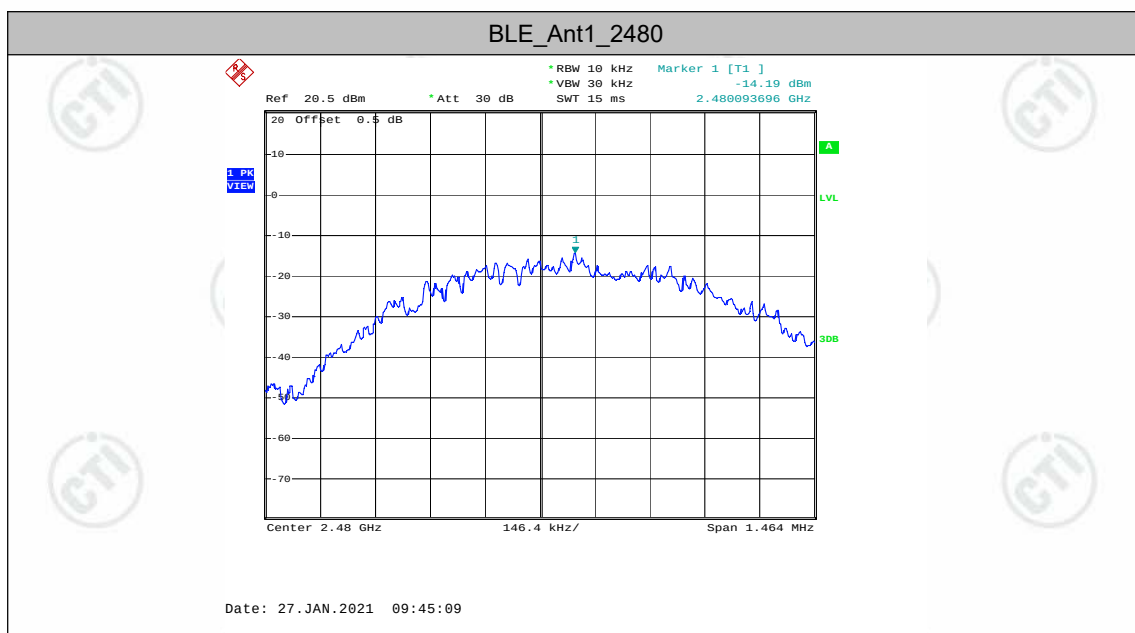
Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE	Ant1	2402	-14.4	<=8	PASS
		2440	-14.79	<=8	PASS
		2480	-14.19	<=8	PASS

Test Graphs



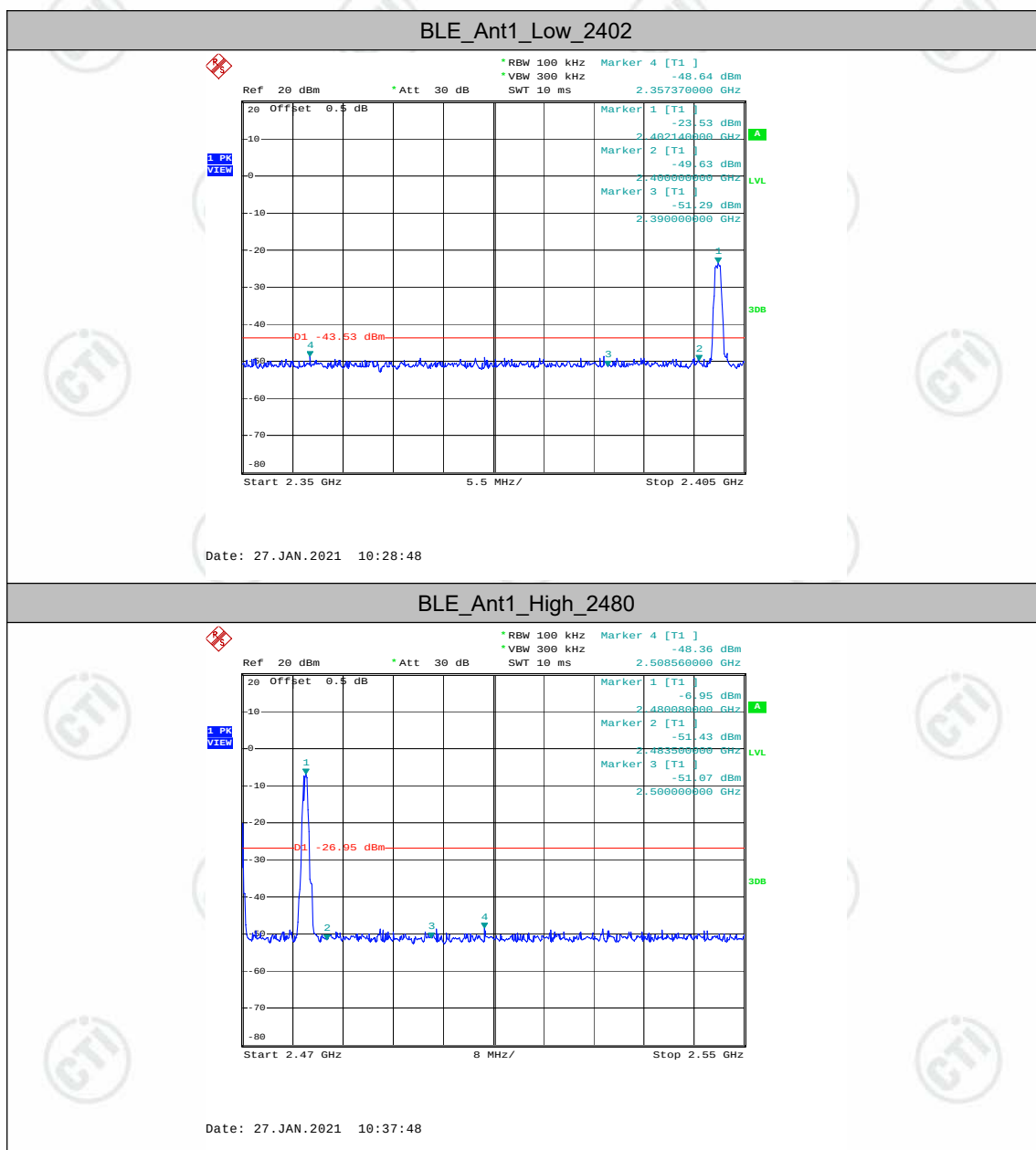


Appendix E:Band edge measurements

Test Result

Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	Low	2402	-23.53	-48.64	<=-43.53	PASS
		High	2480	-6.95	-48.36	<=-26.95	PASS

Test Graphs

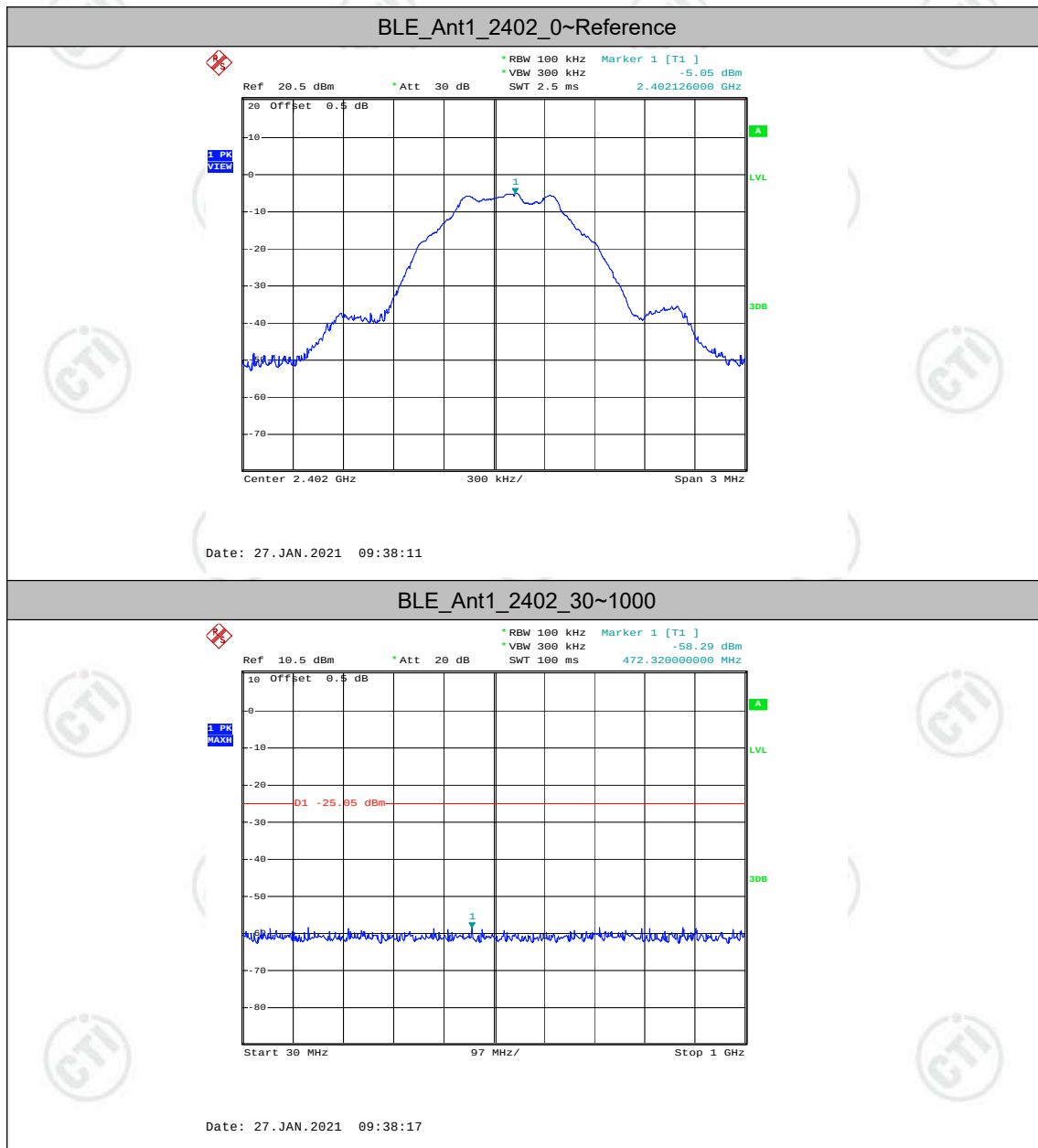


Appendix F:Conducted Spurious Emission

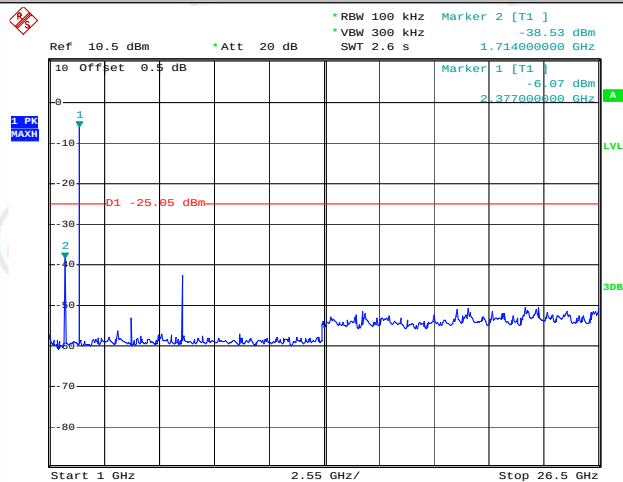
Test Result

Test Mode	Antenna	Channel	Freq Range [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	2402	Reference	-5.05	-5.05	---	PASS
			30~1000	-5.05	-58.29	<=-25.05	PASS
			1000~26500	-5.05	-38.53	<=-25.05	PASS
		2440	Reference	-5.54	-5.54	---	PASS
			30~1000	-5.54	-57.5	<=-25.54	PASS
			1000~26500	-5.54	-41.26	<=-25.54	PASS
		2480	Reference	-6.41	-6.41	---	PASS
			30~1000	-6.41	-57.92	<=-26.41	PASS
			1000~26500	-6.41	-34.52	<=-26.41	PASS

Test Graphs

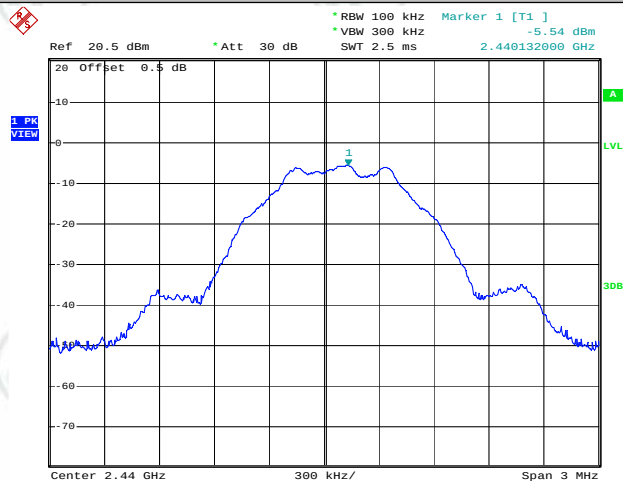


BLE_Ant1_2402_1000~26500



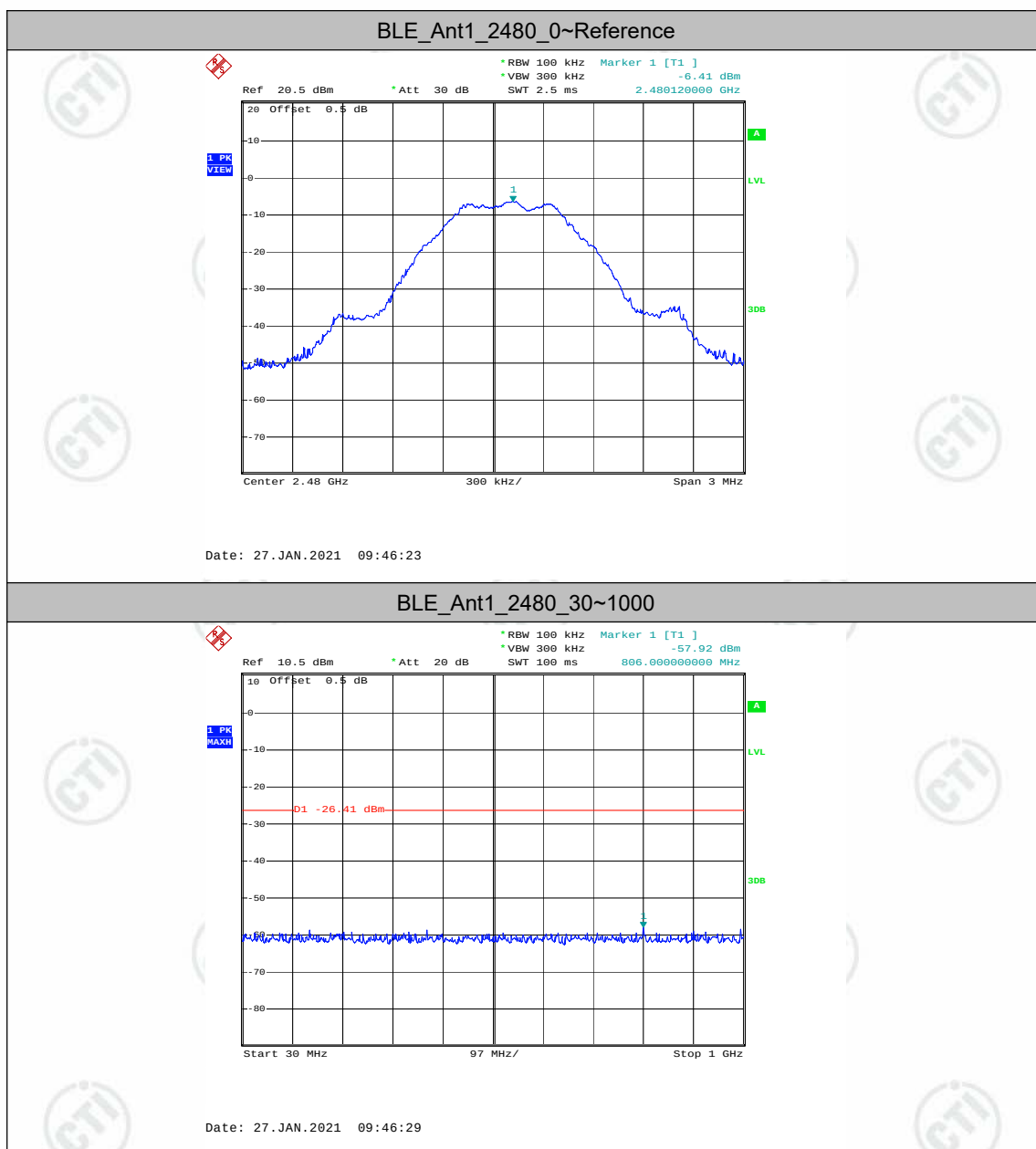
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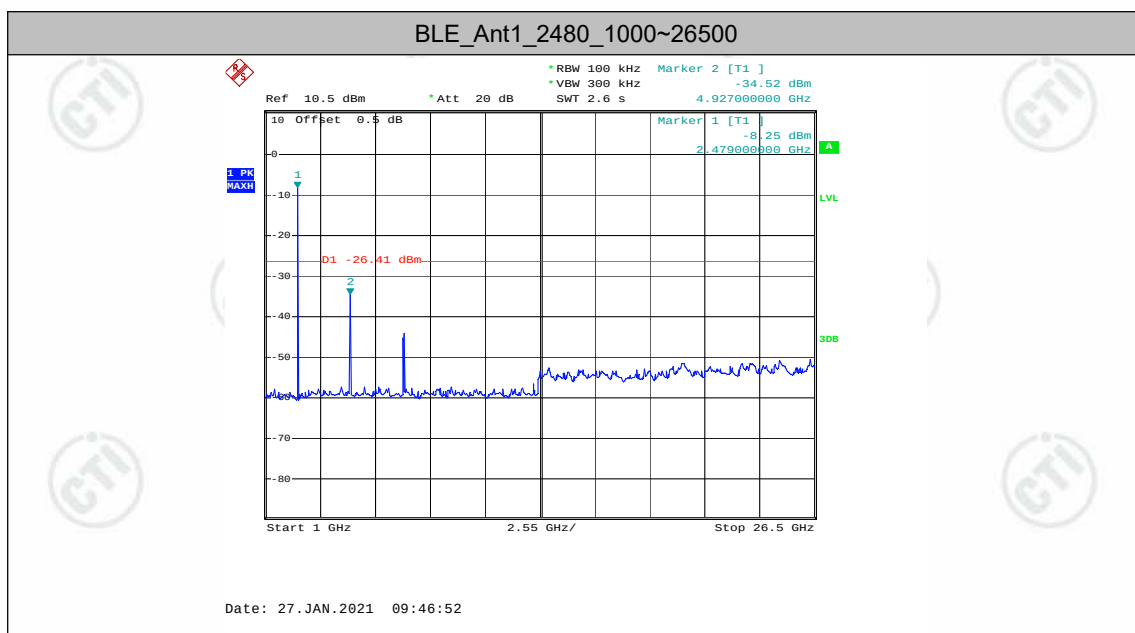
BLE_Ant1_2440_0~Reference



Date: 27.JAN.2021 09:42:54





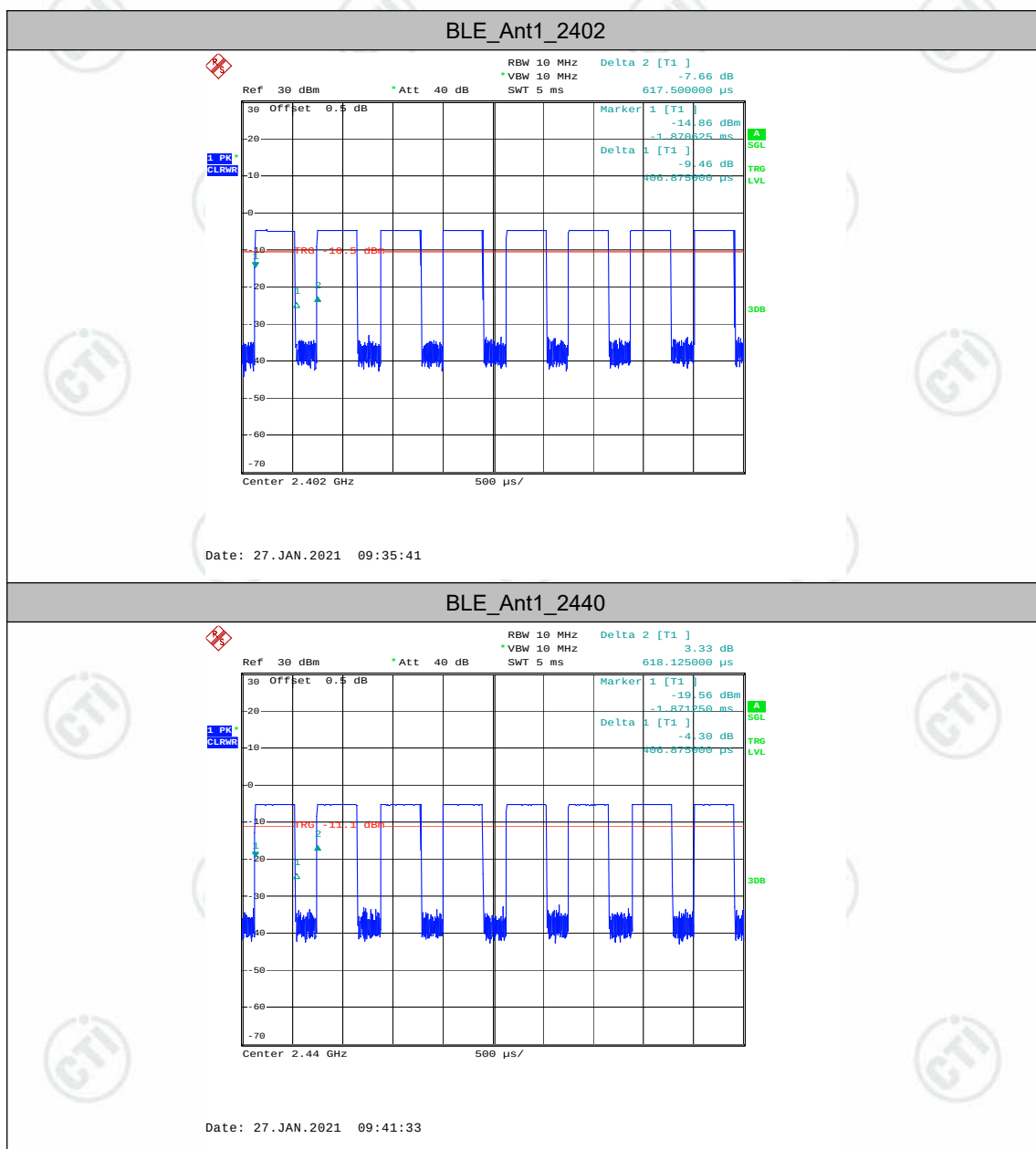


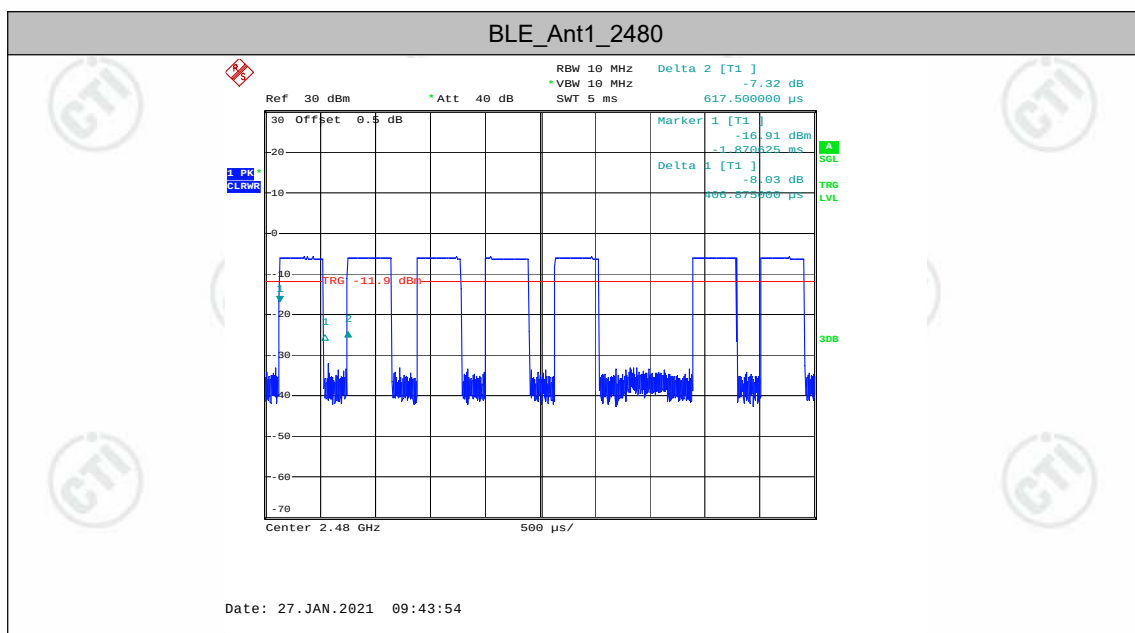
Appendix G: DutyCycle

Test Result

Test Mode	Antenna	Channel	TransmissionDuration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
BLE	Ant1	2402	0.41	0.62	66.13	---	PASS
		2440	0.41	0.62	66.13	---	PASS
		2480	0.41	0.62	66.13	---	PASS

Test Graphs





*** End of Report ***