

Appendix I BLE Test Data**Applicant:** Shenzhen Xin An Zhuo Technology Co., Ltd.**Report No:** DLE-250429007R**EUT:** Car Video Player**M/N:** C6**Standard:** FCC Part15 Subpart C, Section 15.247**Test Power Supply:** DC 5V/3A from Car Charger**Ambient Condition:** 24.7 °C, 52 %RH, 101.325 kPa**Test Date:** 2025.05.07**Test Engineer:** Ken Tan

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.700	2401.636	2402.336	0.5	PASS
		2440	0.712	2439.632	2440.344	0.5	PASS
		2480	0.708	2479.632	2480.340	0.5	PASS

Test Graphs

BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



BLE_1M_Ant1_2480



Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0653	2401.4585	2402.5238	---	---
		2440	1.0455	2439.4703	2440.5158	---	---
		2480	1.0483	2479.4705	2480.5188	---	---

Test Graphs

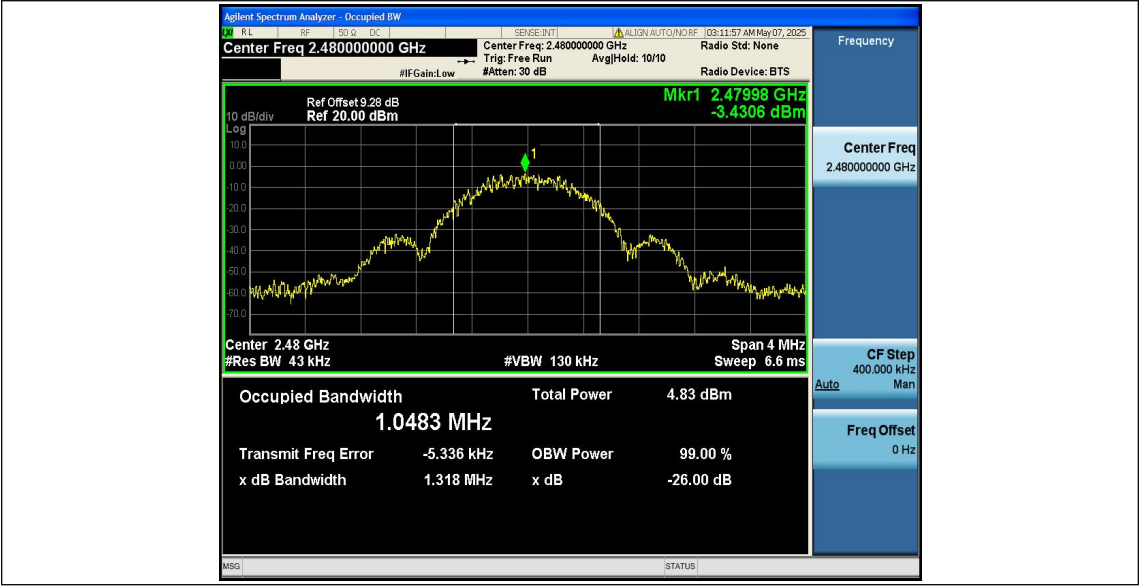
BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



BLE_1M_Ant1_2480



Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Channel	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0.25	≤30	PASS
		2440	0.54	≤30	PASS
		2480	1.13	≤30	PASS

Appendix D: Maximum power spectral density

Test Result

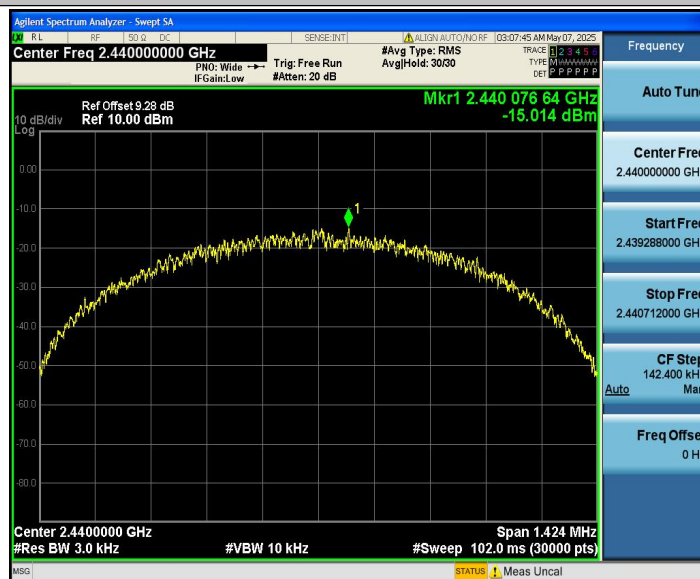
TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-15.39	≤8.00	PASS
		2440	-15.01	≤8.00	PASS
		2480	-14.39	≤8.00	PASS

Test Graphs

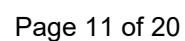
BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



BLE_1M_Ant1_2480



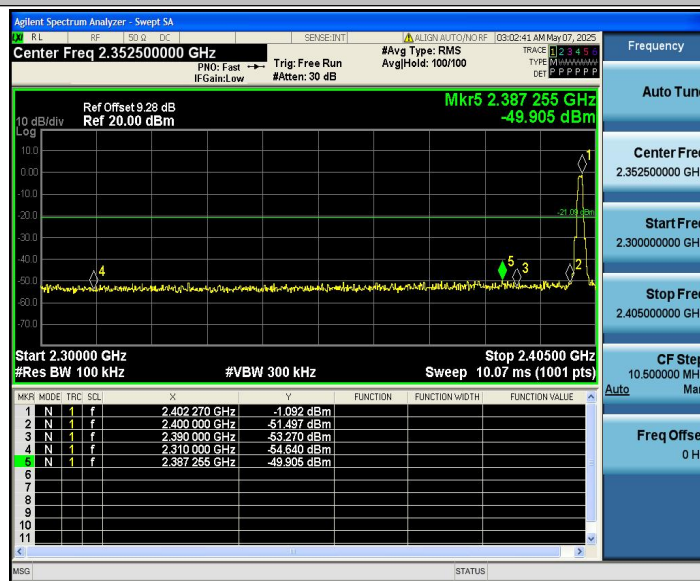
Appendix E: Band edge measurements

Test Result

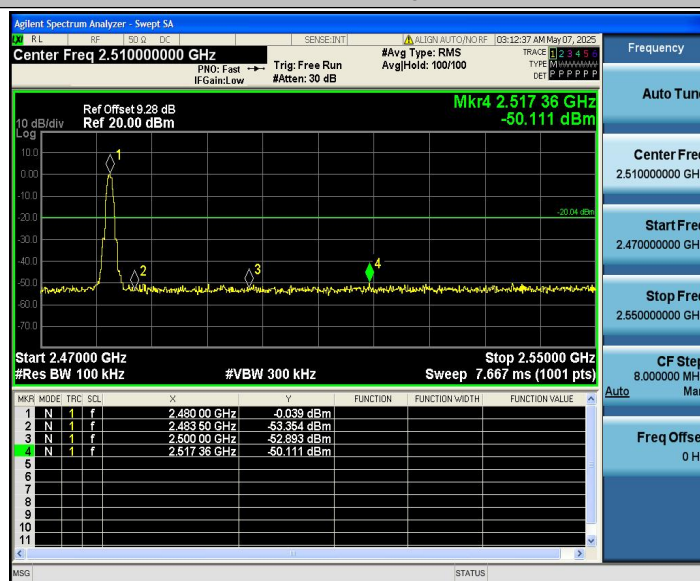
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-1.09	-49.91	≤ -21.09	PASS
		High	2480	-0.04	-50.11	≤ -20.04	PASS

Test Graphs

BLE_1M_Ant1_Low_2402



BLE_1M_Ant1_High_2480



Appendix F: Conducted Spurious Emission

Test Result

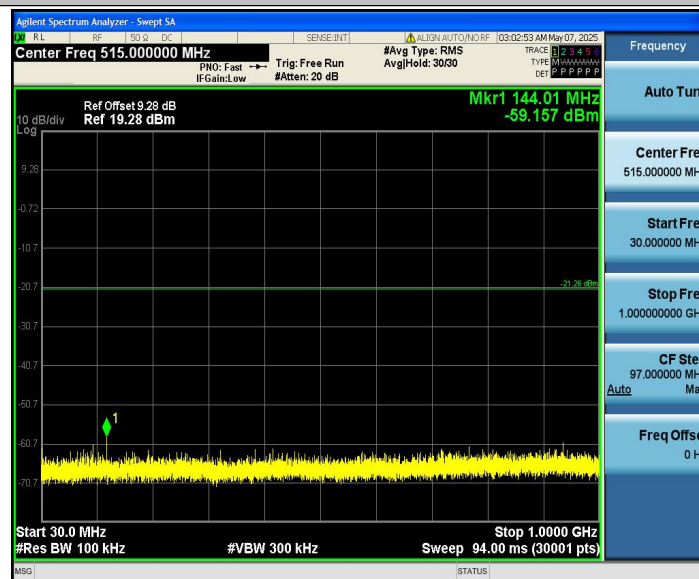
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	-1.26	-1.26	---	PASS
			30~1000	-1.26	-59.16	≤-21.26	PASS
			1000~26500	-1.26	-44.58	≤-21.26	PASS
		2440	Reference	-1.33	-1.33	---	PASS
			30~1000	-1.33	-60.11	≤-21.33	PASS
			1000~26500	-1.33	-45.97	≤-21.33	PASS
		2480	Reference	-0.69	-0.69	---	PASS
			30~1000	-0.69	-60.59	≤-20.69	PASS
			1000~26500	-0.69	-46.42	≤-20.69	PASS

Test Graphs

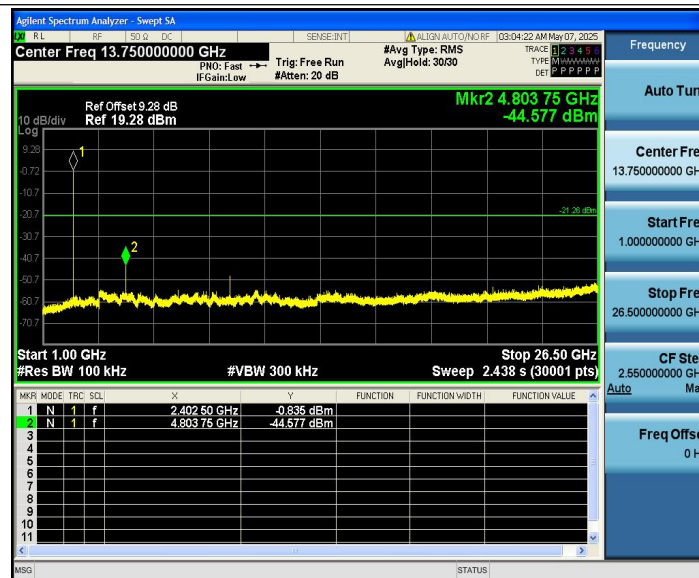
BLE_1M_Ant1_2402_0~Reference



BLE_1M_Ant1_2402_30~1000



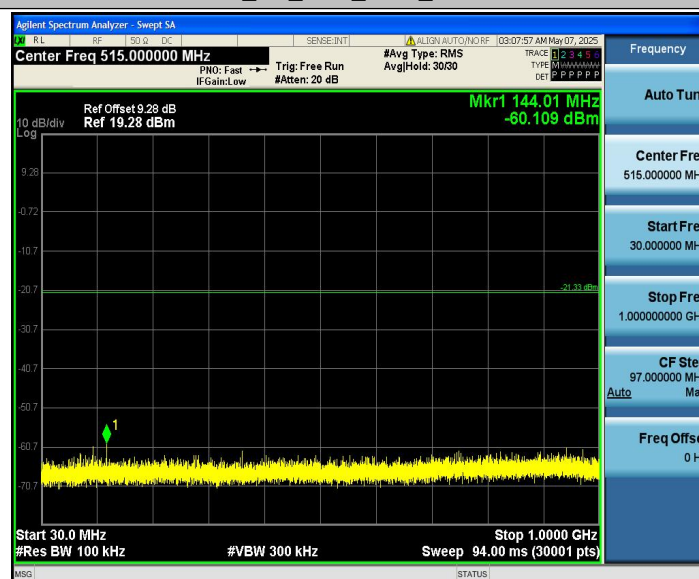
BLE_1M_Ant1_2402_1000~26500



BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000



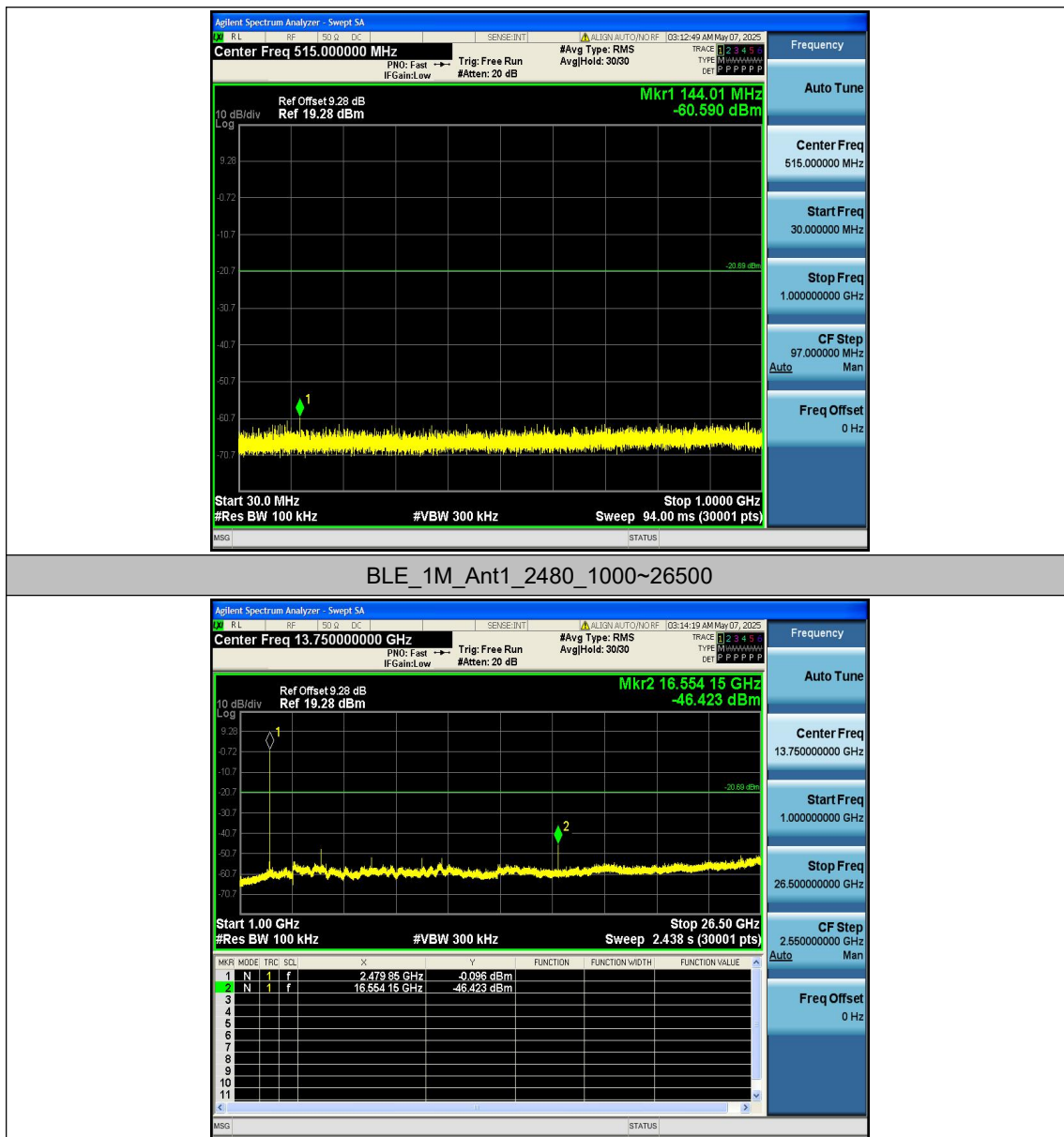
BLE_1M_Ant1_2440_1000~26500



BLE_1M_Ant1_2480_0~Reference



BLE_1M_Ant1_2480_30~1000



Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Channel	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2402	2.13	2.50	0.8520	85.20	0.70	---	---
		2440	2.13	2.50	0.8520	85.20	0.70	---	---
		2480	2.13	2.50	0.8520	85.20	0.70	---	---

Test Graphs

