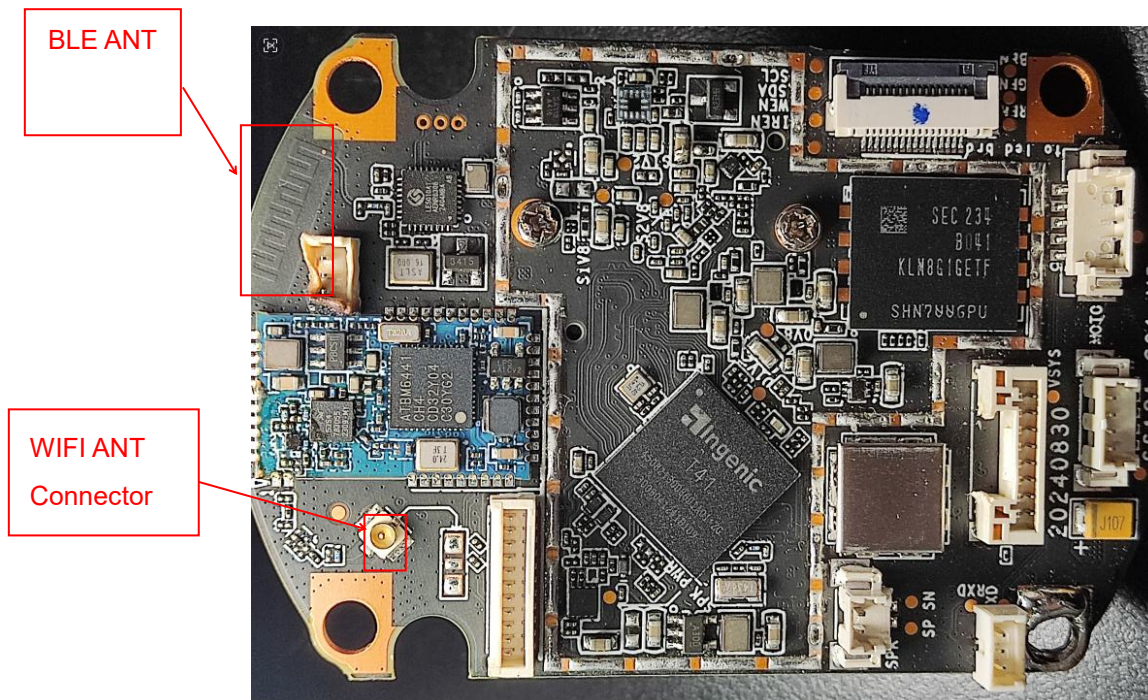
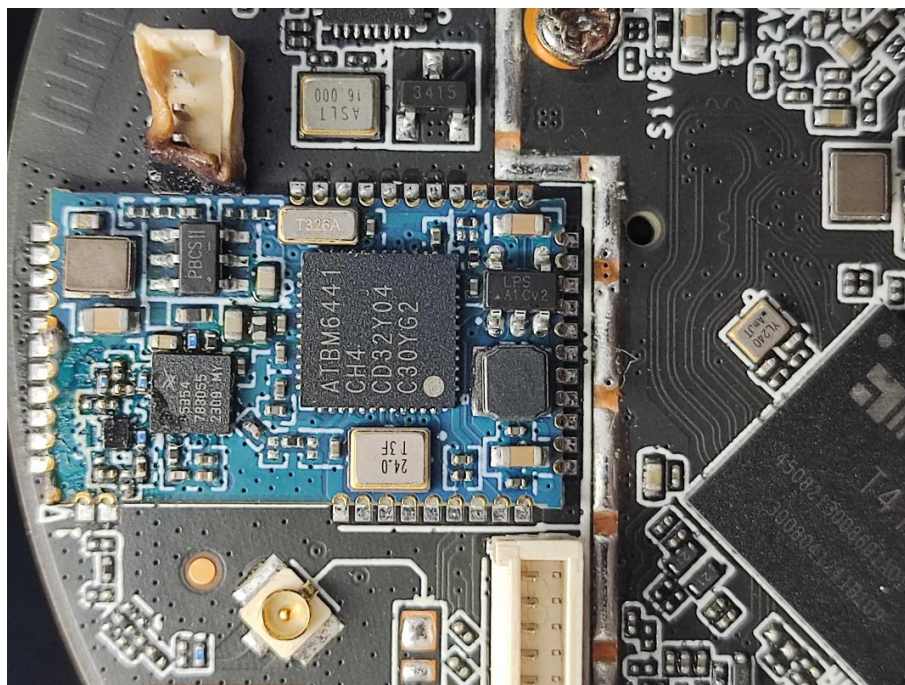
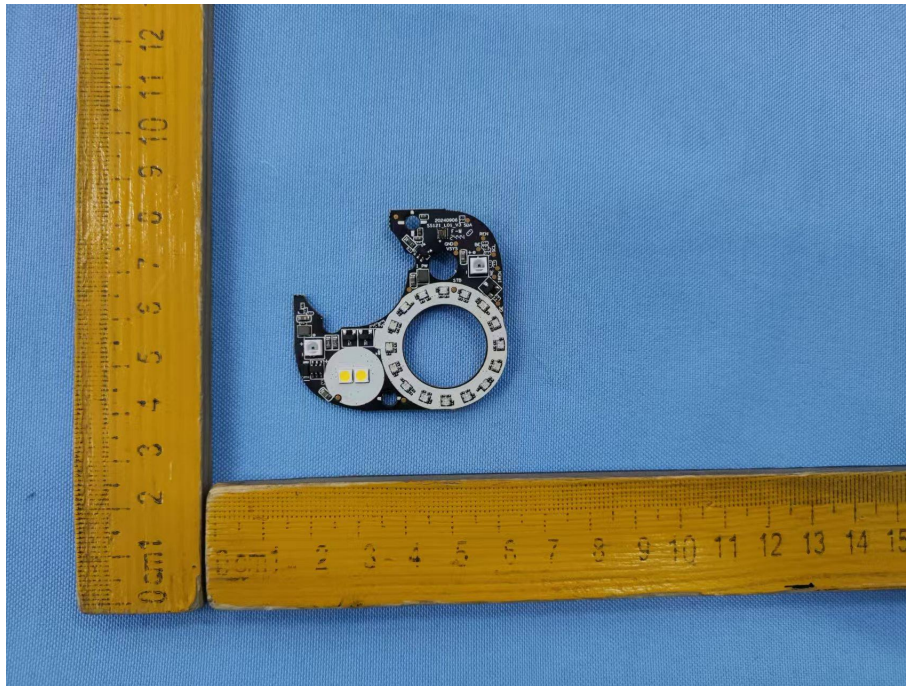




<Fig.13>



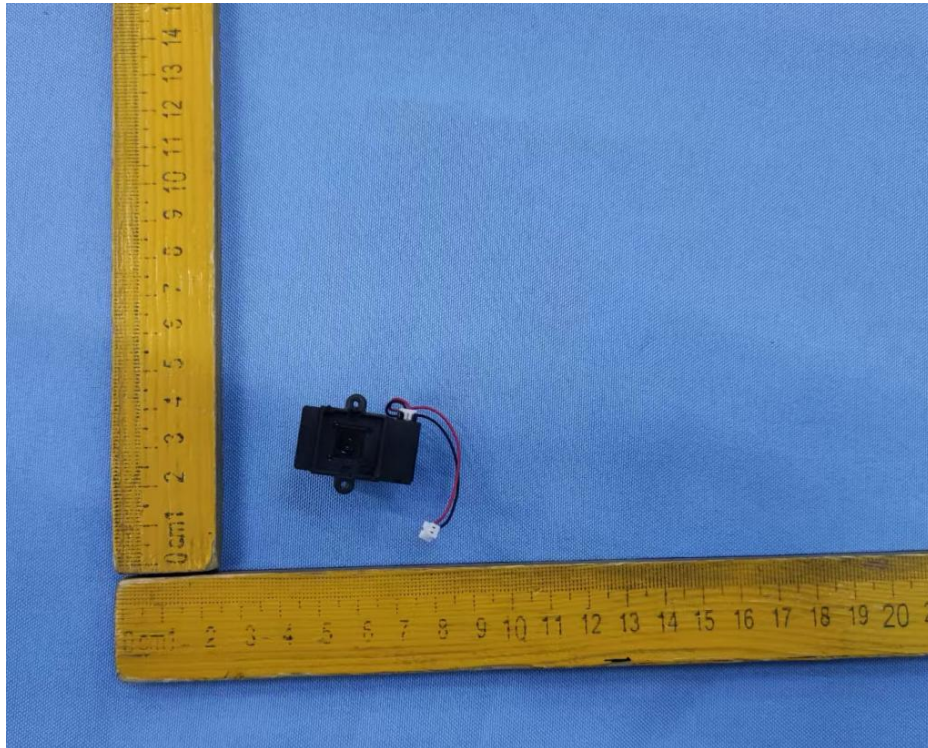
<Fig.14>



<Fig.15>



<Fig.16>



<Fig.17>

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.680	2401.684	2402.364	0.5	PASS
		2440	0.676	2439.684	2440.360	0.5	PASS
		2480	0.672	2479.684	2480.356	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	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.96668	2401.5348	2402.5015	---	---
		2440	0.95792	2439.5392	2440.4971	---	---
		2480	0.98201	2479.5245	2480.5065	---	---

Test Graphs

BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



BLE_1M_Ant1_2480



Appendix C: Maximum conducted output power

Test Result

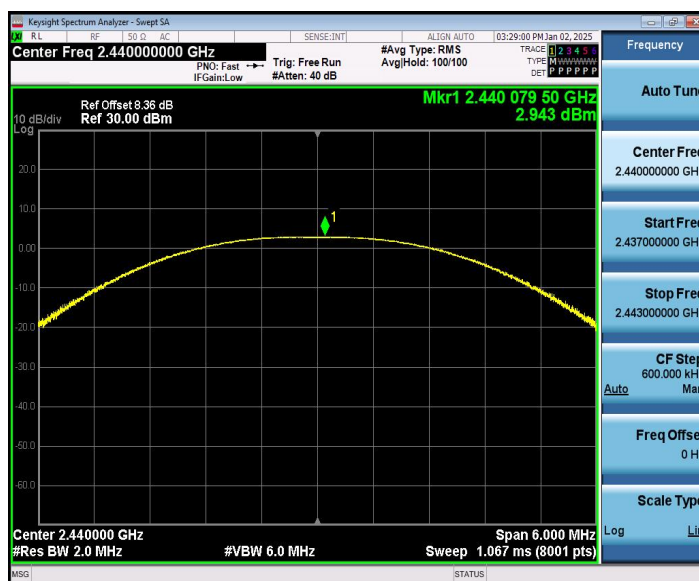
TestMode	Antenna	Freq(MHz)	Set Power	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0	3.55	≤30	PASS
		2440	0	2.94	≤30	PASS
		2480	0	3.03	≤30	PASS

Test Graphs

BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



BLE_1M_Ant1_2480



Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-10.96	≤8.00	PASS
		2440	-11.71	≤8.00	PASS
		2480	-11.26	≤8.00	PASS

Test Graphs

BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



BLE_1M_Ant1_2480



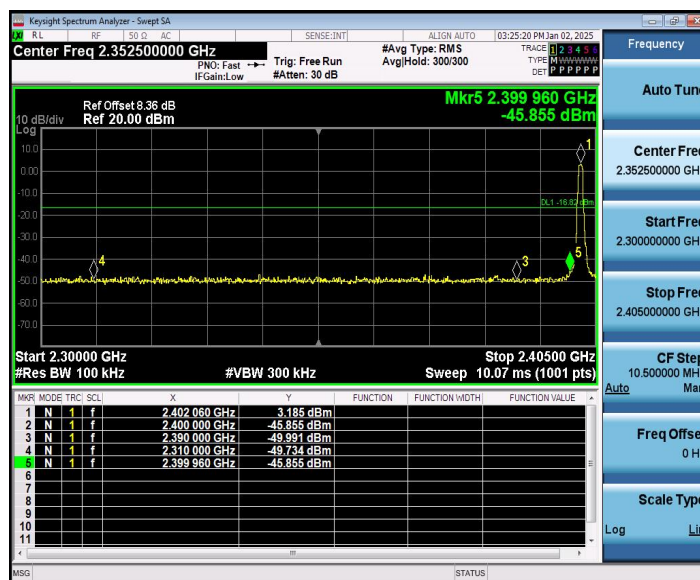
Appendix E: Band edge measurements

Test Result

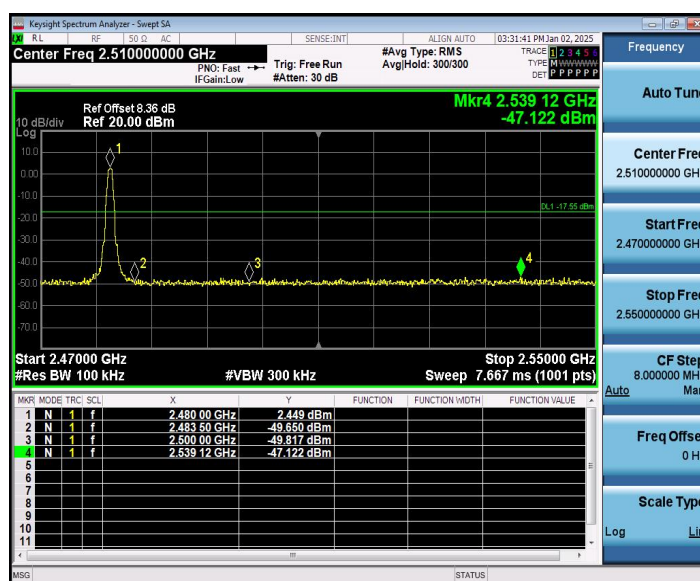
TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	3.18	-45.86	≤-16.82	PASS
		High	2480	2.45	-47.12	≤-17.55	PASS

Test Graphs

BLE_1M_Ant1_Low_2402



BLE_1M_Ant1_High_2480



Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	2.42	2.42	---	PASS
			30~1000	2.42	-57.92	≤-17.58	PASS
			1000~26500	2.42	-37.8	≤-17.58	PASS
		2440	Reference	1.78	1.78	---	PASS
			30~1000	1.78	-57.88	≤-18.22	PASS
			1000~26500	1.78	-38.92	≤-18.22	PASS
		2480	Reference	1.59	1.59	---	PASS
			30~1000	1.59	-57.56	≤-18.41	PASS
			1000~26500	1.59	-39.06	≤-18.41	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



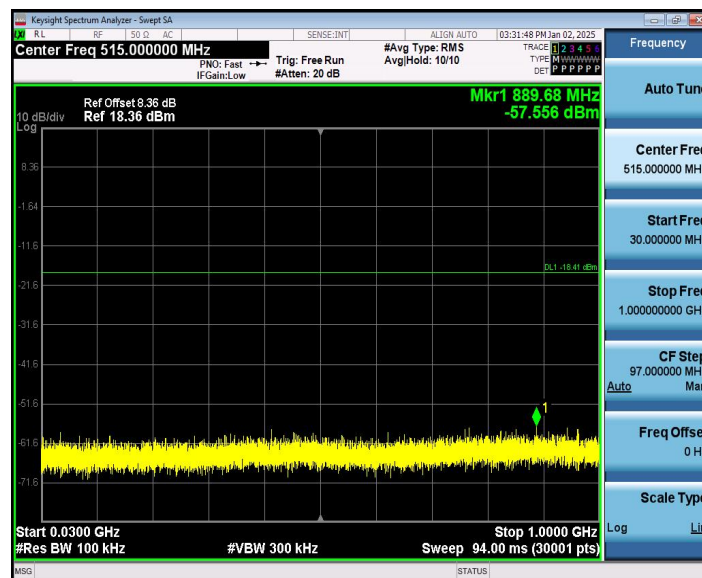
BLE_1M_Ant1_2440_1000~26500



BLE_1M_Ant1_2480_0~Reference



BLE_1M_Ant1_2480_30~1000



BLE_1M_Ant1_2480_1000~26500



Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	X	DC [%]	xFactor	Limit	Verdict
BLE_1M	Ant1	2402	0.00	0.00	NaN	100	NaN	---	---

Test Graphs

BLE_1M_Ant1_2402



-----End of the report-----