

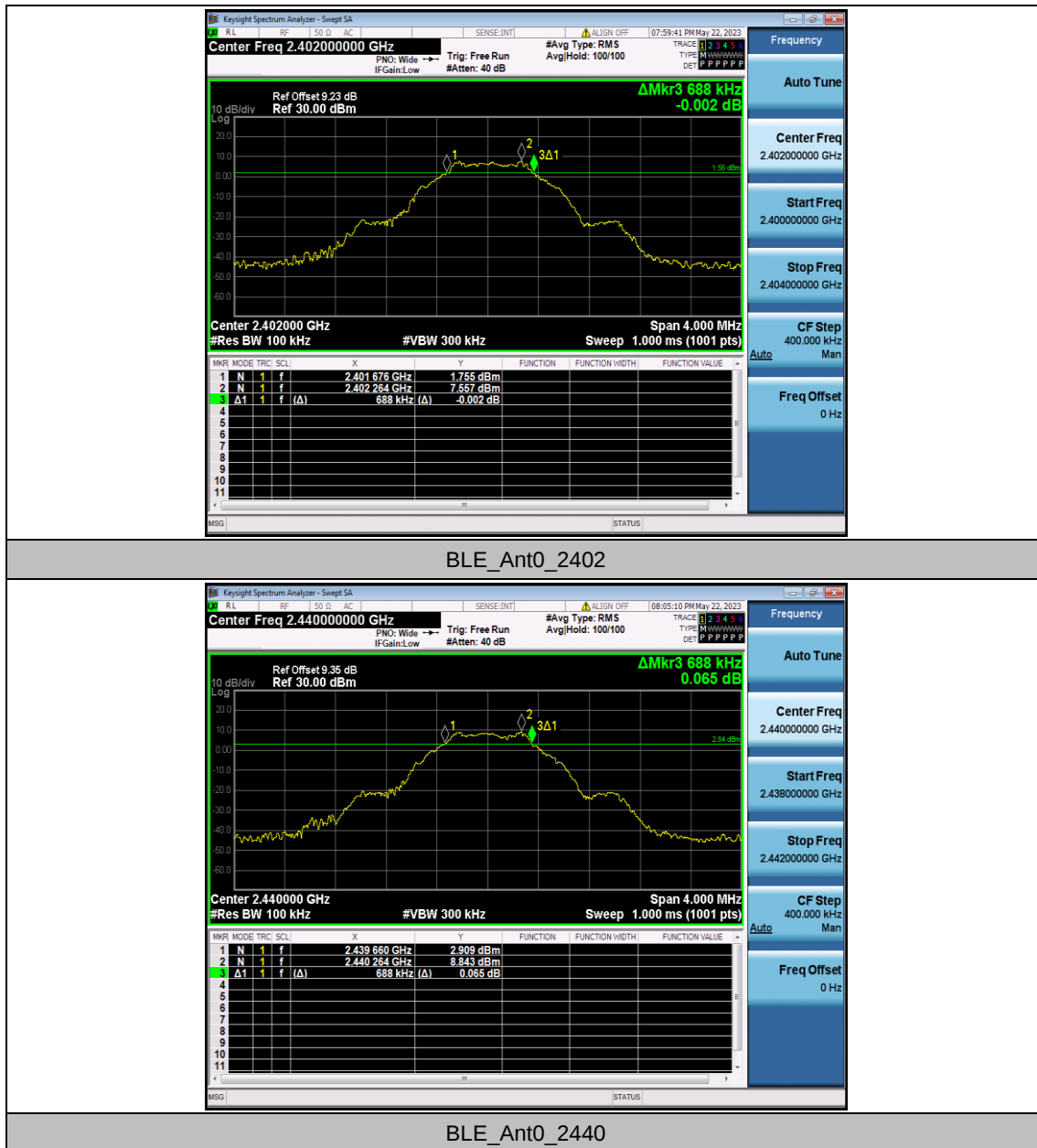
Case No. : <u>GTS20230315007-1-2</u>	
Ambient Condition: <u>23</u> °C, <u>50</u> %RH, Atmos100.1Kpa,	
Test Date: <u>2023.5.20</u>	Test Engineer: <u>Jenny zeng</u>

Appendix B.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant0	2402	0.688	2401.676	2402.364	0.5	PASS
		2440	0.688	2439.660	2440.348	0.5	PASS
		2480	0.680	2479.664	2480.344	0.5	PASS

Test Graphs



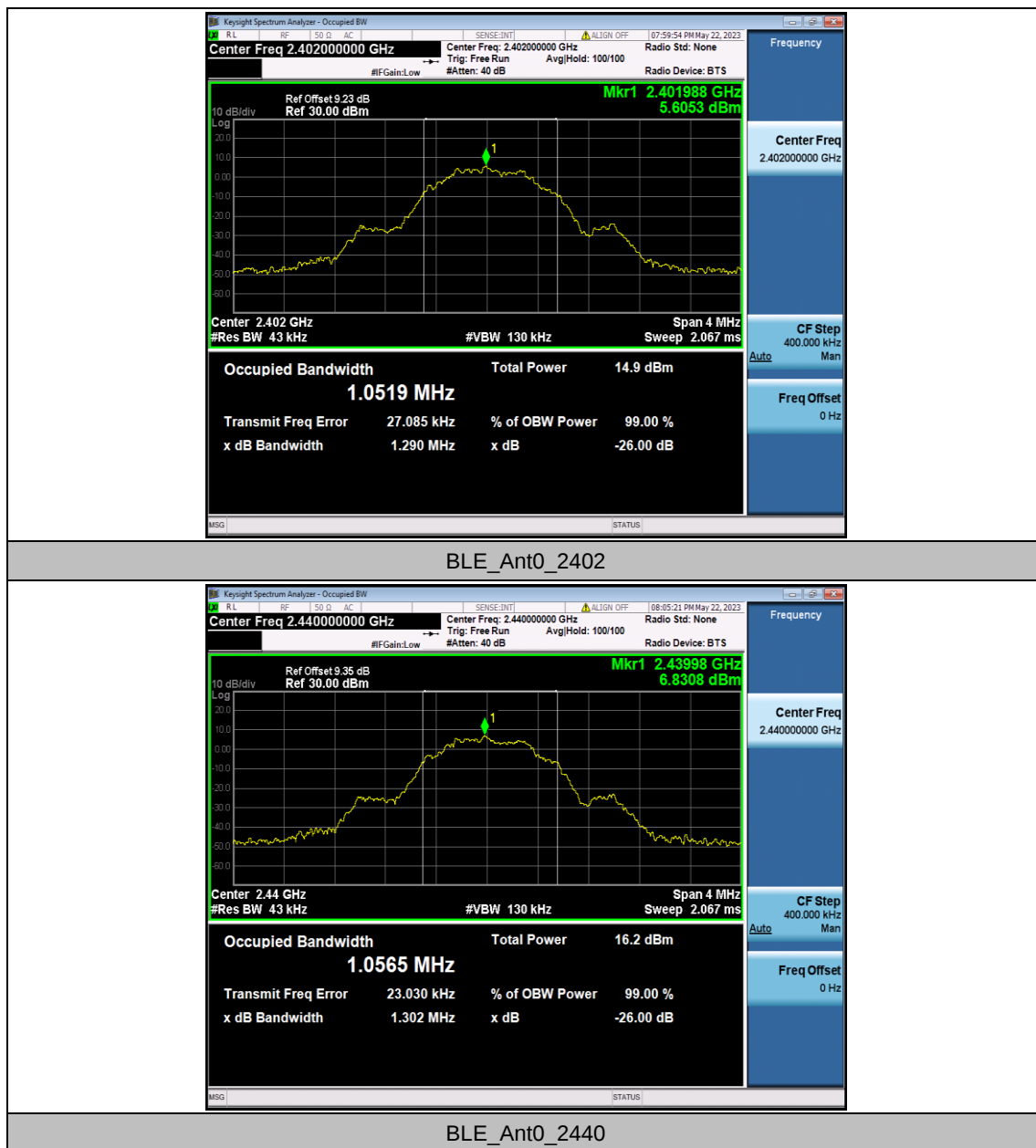


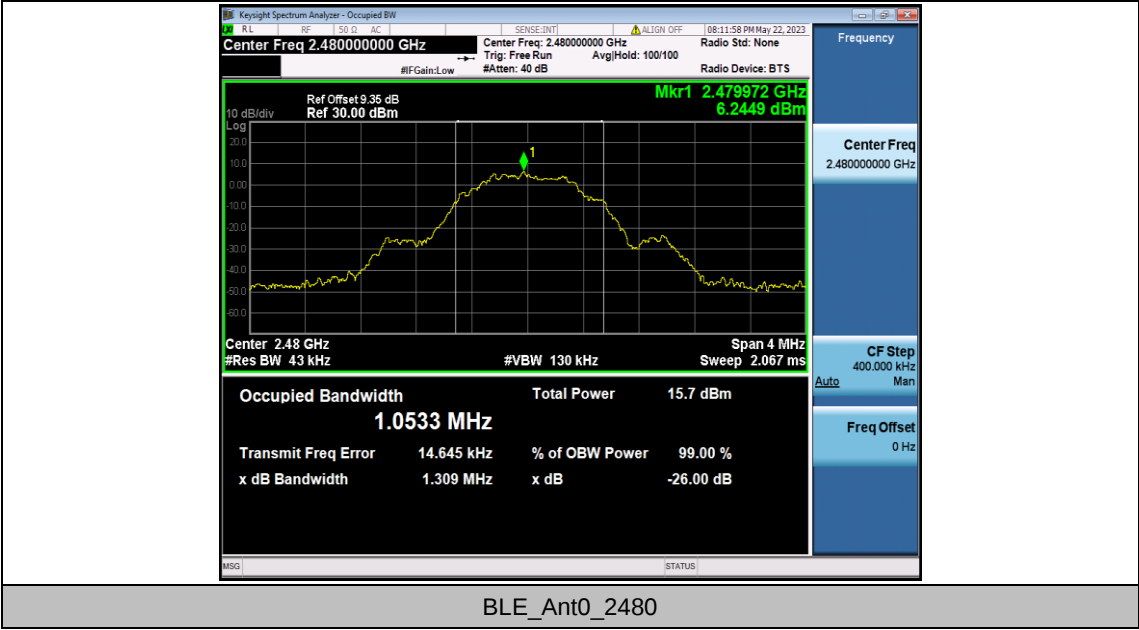
Appendix B.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant0	2402	1.0519	2401.501	2402.553	---	---
		2440	1.0565	2439.495	2440.551	---	---
		2480	1.0533	2479.488	2480.541	---	---

Test Graphs





BLE_Ant0_2480

Appendix B.3: Maximum conducted output power

Test Result Peak

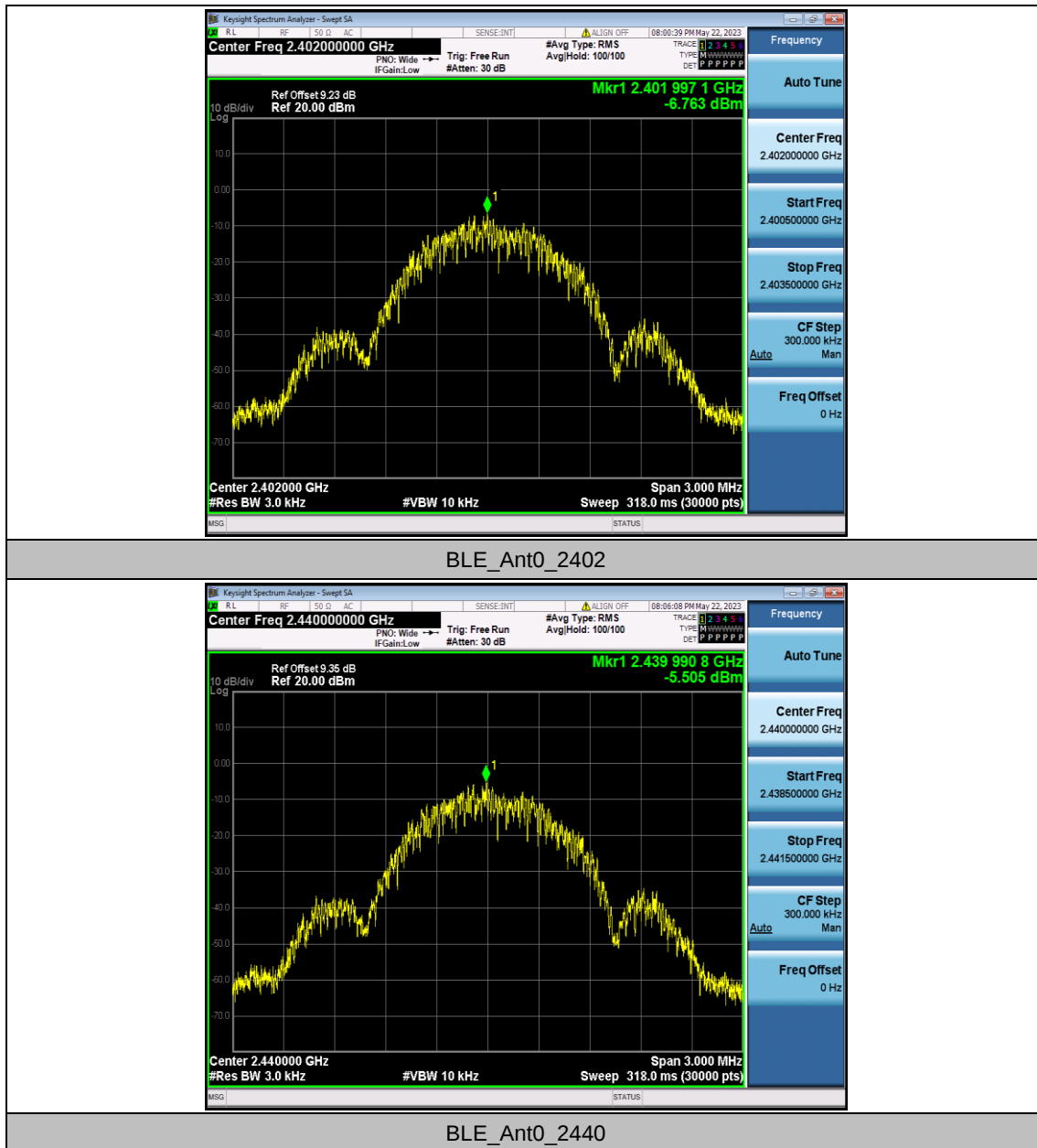
TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE	Ant0	2402	8.95	≤30	PASS
		2440	10.23	≤30	PASS
		2480	9.64	≤30	PASS

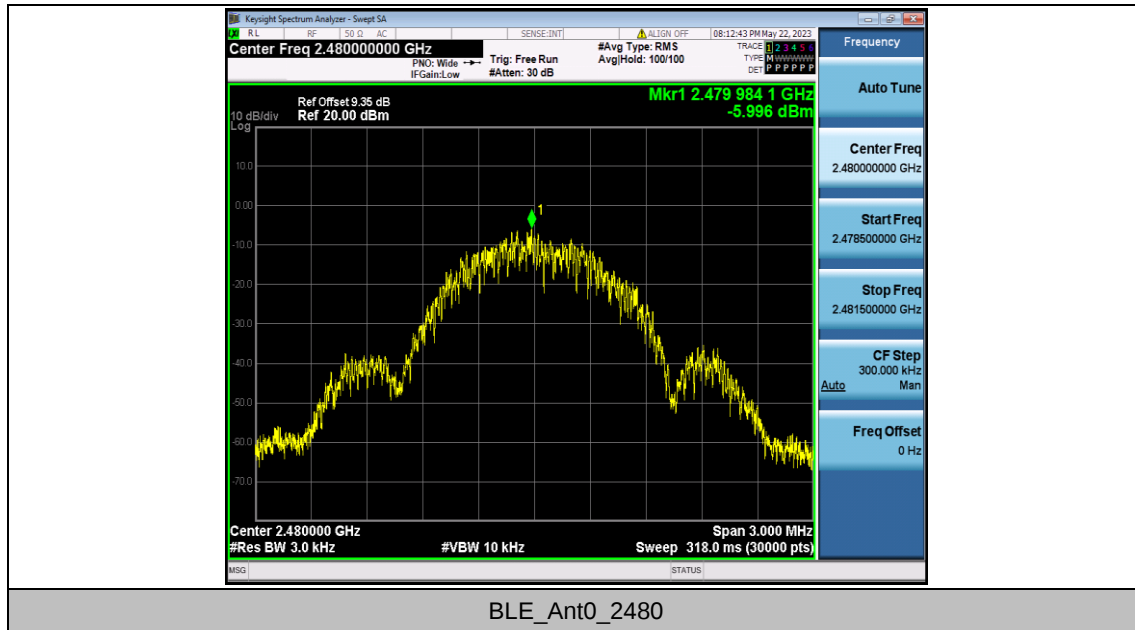
Appendix B.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE	Ant0	2402	-6.76	≤8.00	PASS
		2440	-5.51	≤8.00	PASS
		2480	-6	≤8.00	PASS

Test Graphs



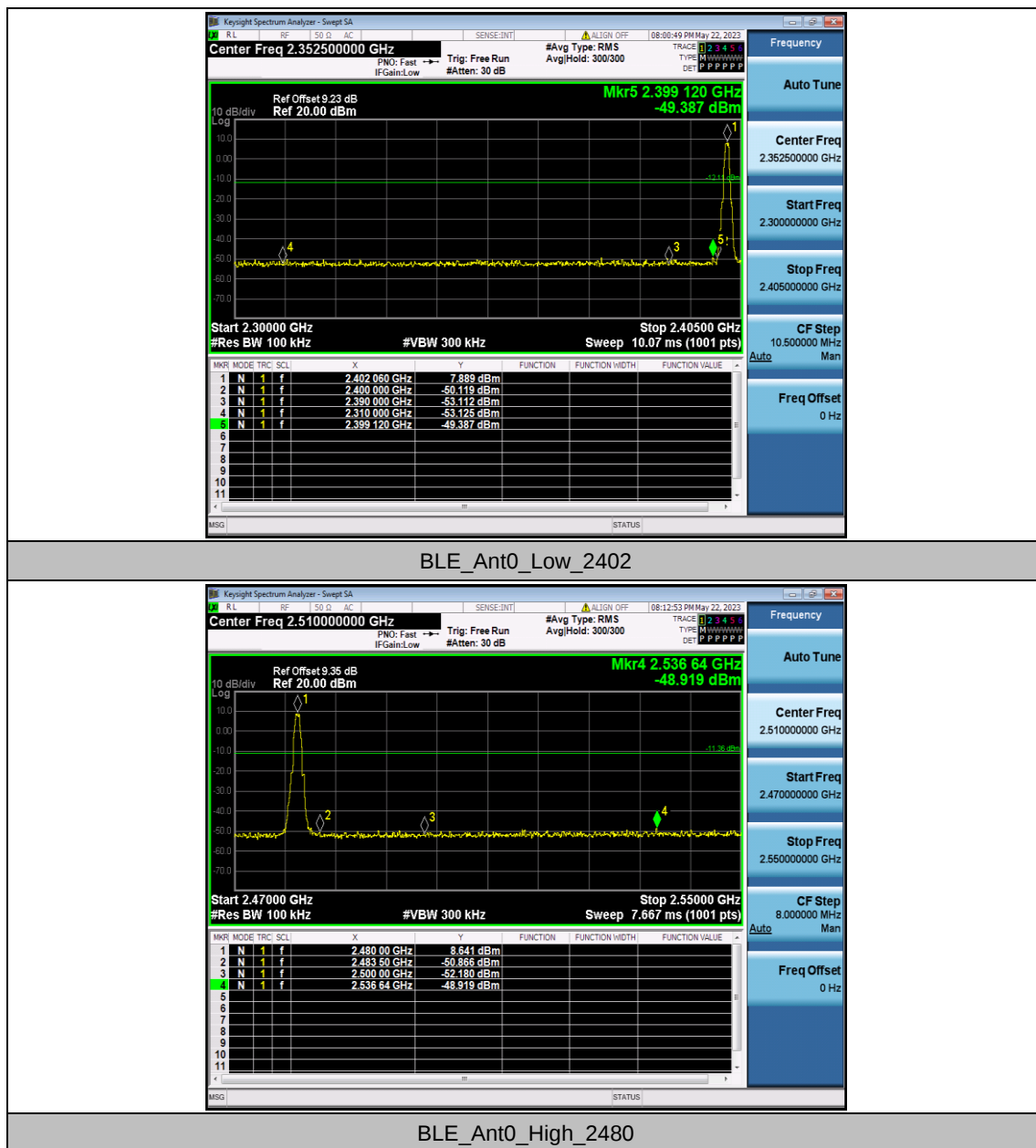


Appendix B.5: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant0	Low	2402	7.89	-49.39	≤-12.11	PASS
		High	2480	8.64	-48.92	≤-11.36	PASS

Test Graphs



Appendix B.6: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant0	2402	Reference	7.57	7.57	---	PASS
			30~1000	7.57	-60.87	≤ -12.43	PASS
			1000~26500	7.57	-44	≤ -12.43	PASS
		2440	Reference	8.76	8.76	---	PASS
			30~1000	8.76	-60.64	≤ -11.24	PASS
			1000~26500	8.76	-44.36	≤ -11.24	PASS
		2480	Reference	8.45	8.45	---	PASS
			30~1000	8.45	-60.52	≤ -11.55	PASS
			1000~26500	8.45	-46.55	≤ -11.55	PASS

Test Graphs

