

Appendix: Bluetooth LE

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 Test Result..... 错误！未定义书签。

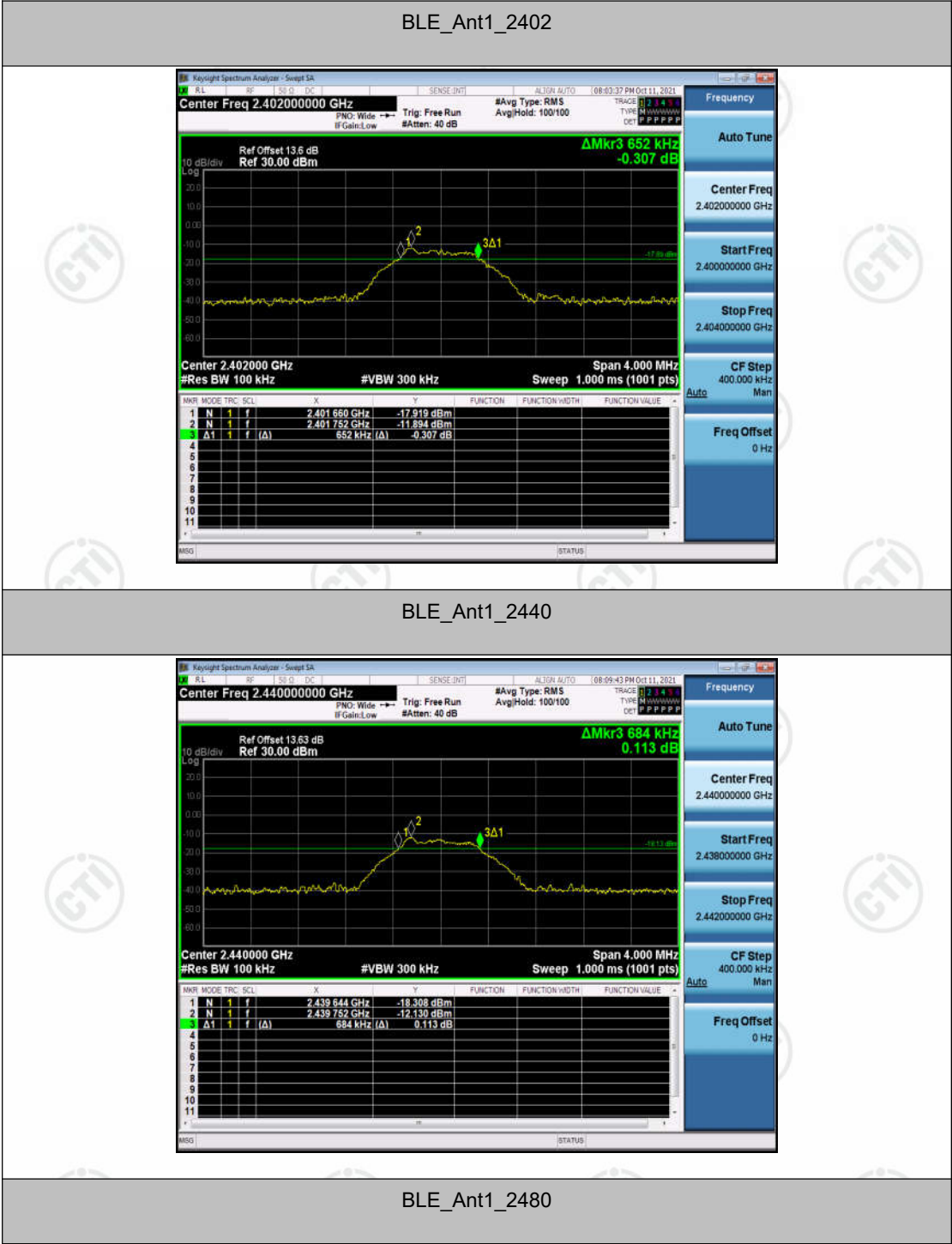
 Test Graphs..... 错误！未定义书签。

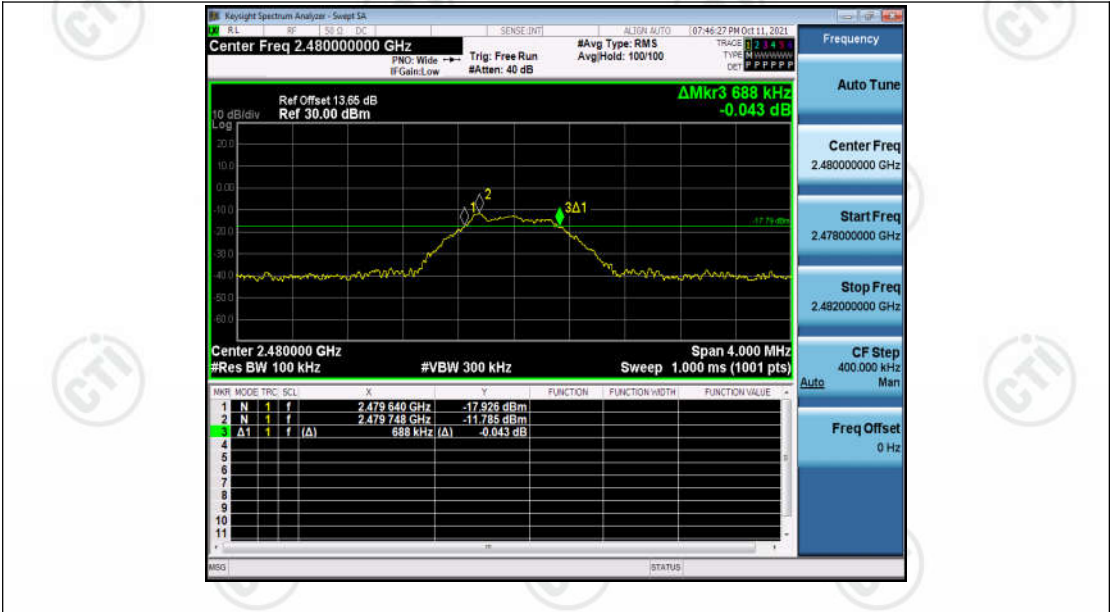
Appendix A: DTS Bandwidth

Test Result

Test Mode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	0.652	2401.660	2402.312	0.5	PASS
		2440	0.684	2439.644	2440.328	0.5	PASS
		2480	0.688	2479.640	2480.328	0.5	PASS

Test Graphs





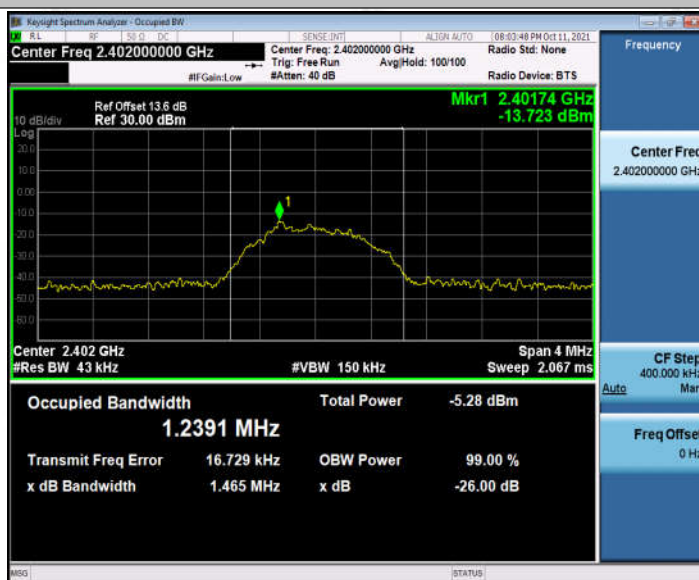
Appendix B: Occupied Channel Bandwidth

Test Result

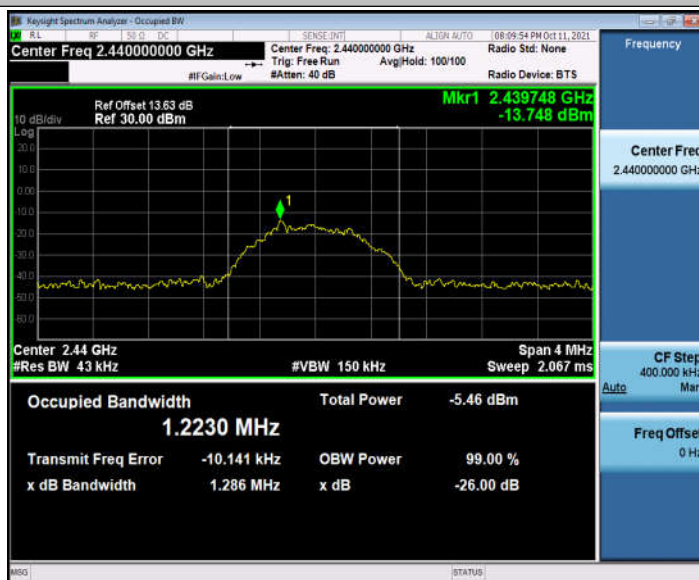
Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE	Ant1	2402	1.2391	2401.397	2402.636	---	PASS
		2440	1.2230	2439.378	2440.601	---	PASS
		2480	1.2267	2479.386	2480.612	---	PASS

Test Graphs

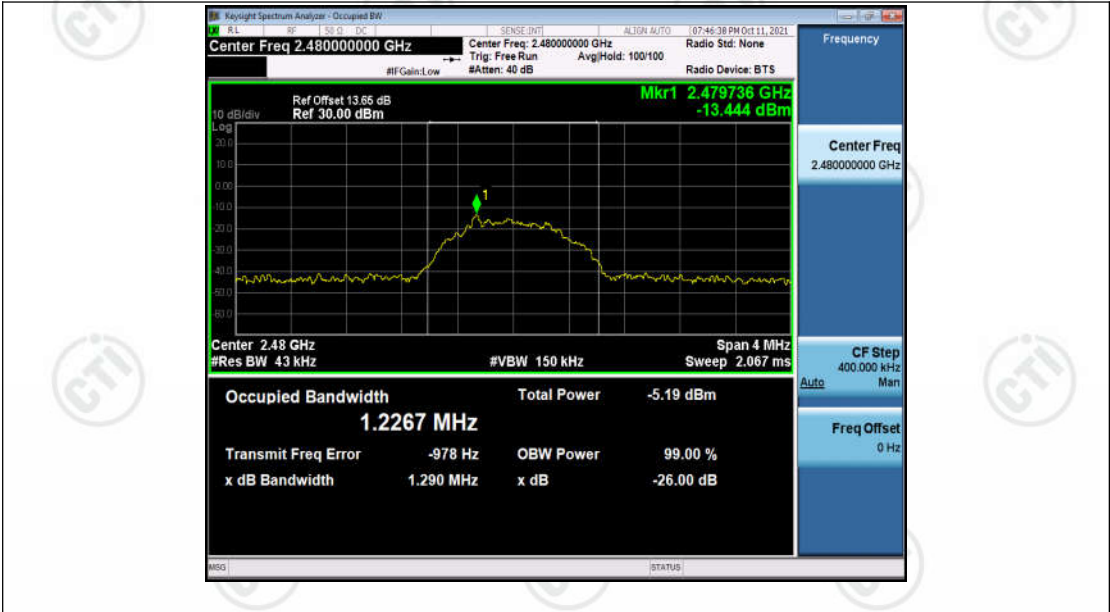
BLE_Ant1_2402



BLE_Ant1_2440



BLE_Ant1_2480

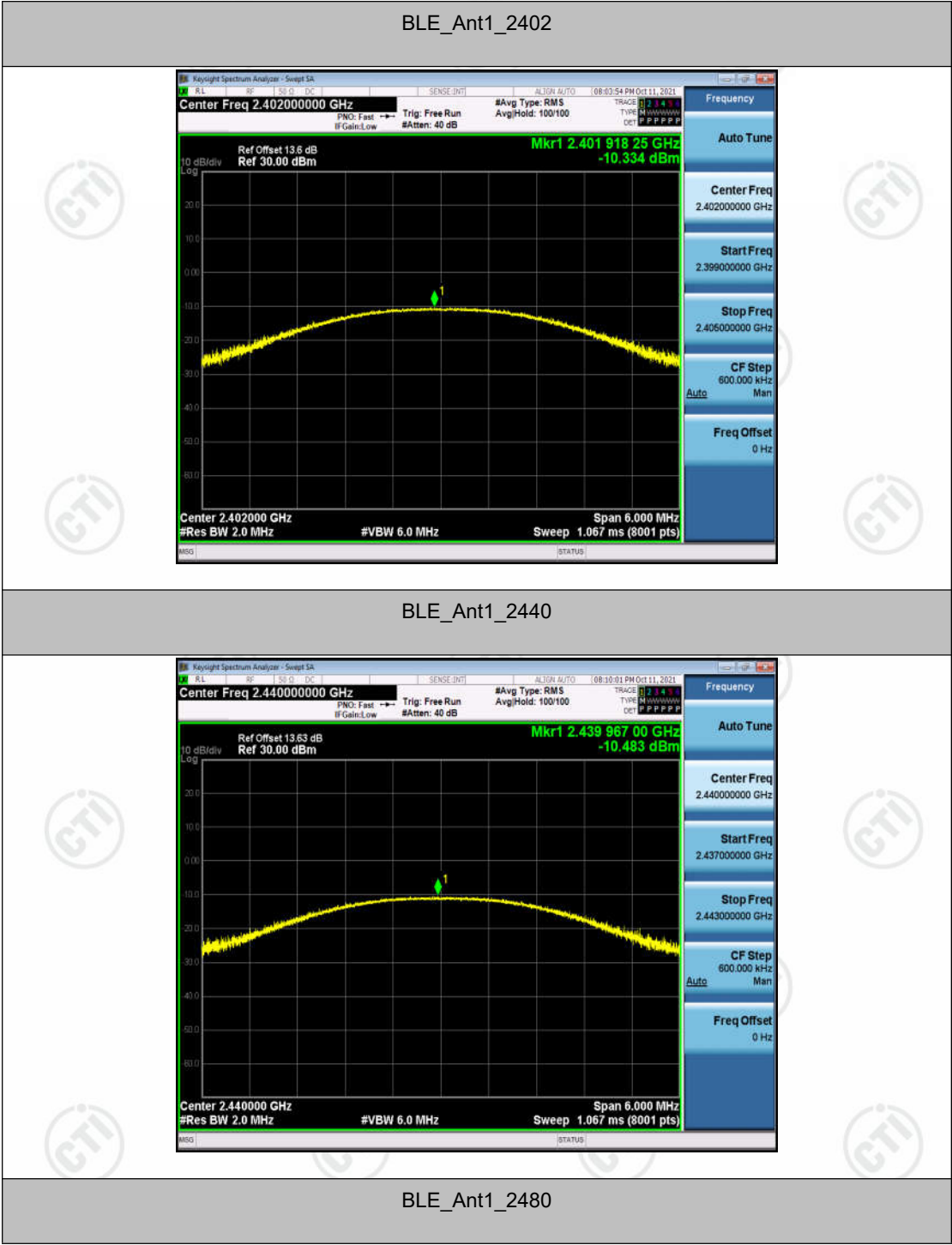


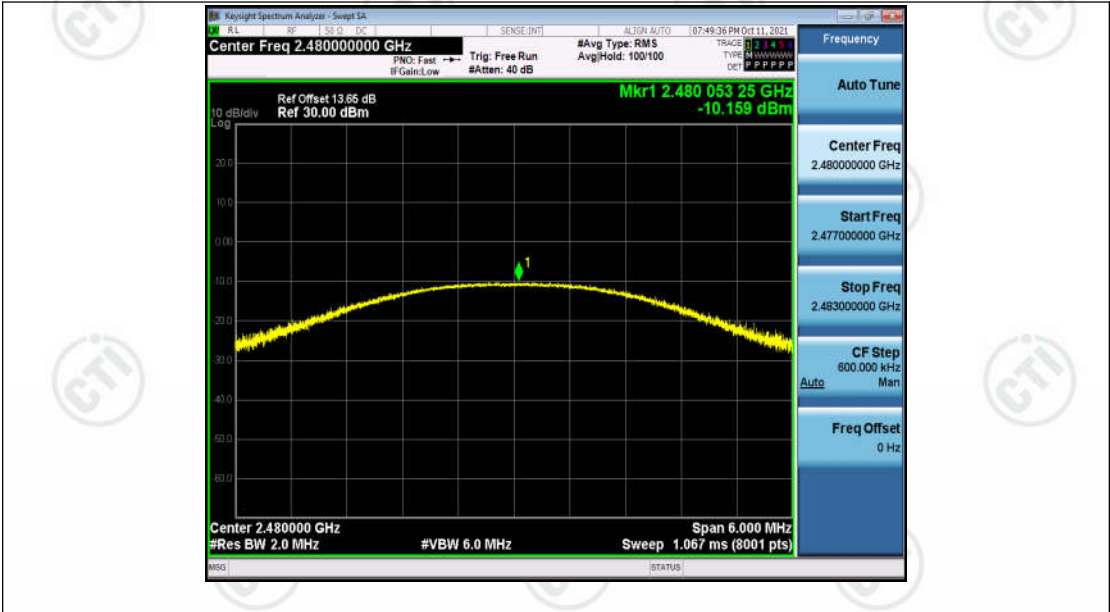
Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Channel	Result [dBm]	Limit [dBm]	Verdict
BLE	Ant1	2402	-10.33	<=30	PASS
		2440	-10.48	<=30	PASS
		2480	-10.16	<=30	PASS

Test Graphs





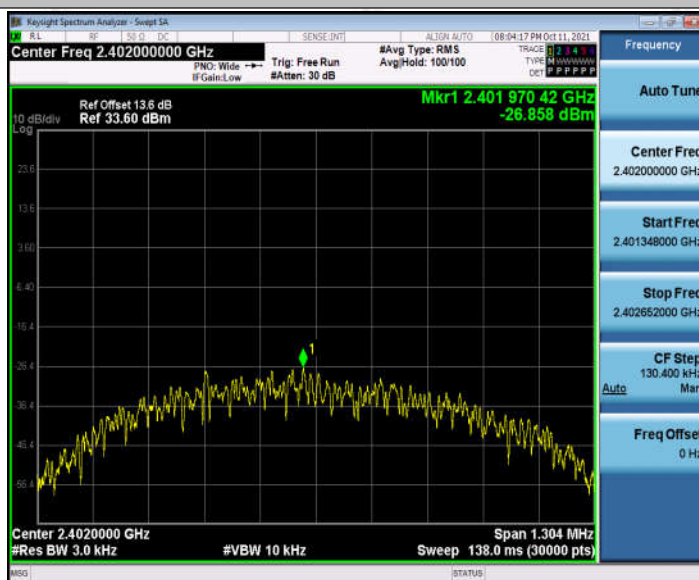
Appendix D: Maximum power spectral density

Test Result

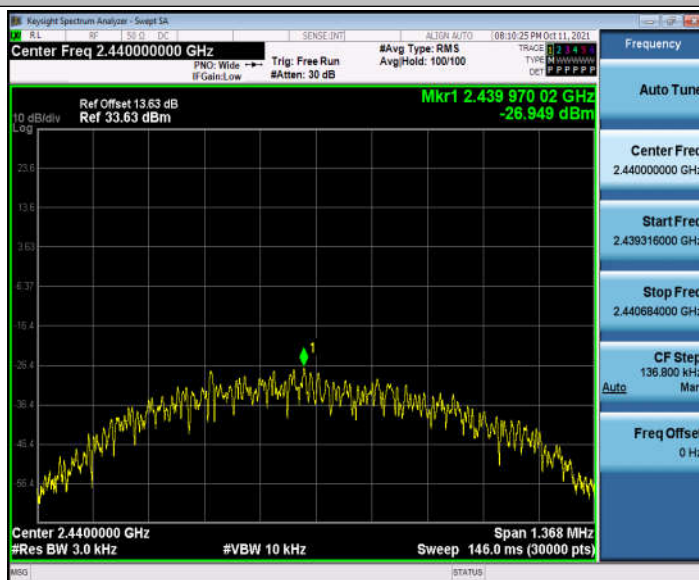
Test Mode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE	Ant1	2402	-26.86	<=8	PASS
		2440	-26.95	<=8	PASS
		2480	-26.72	<=8	PASS

Test Graphs

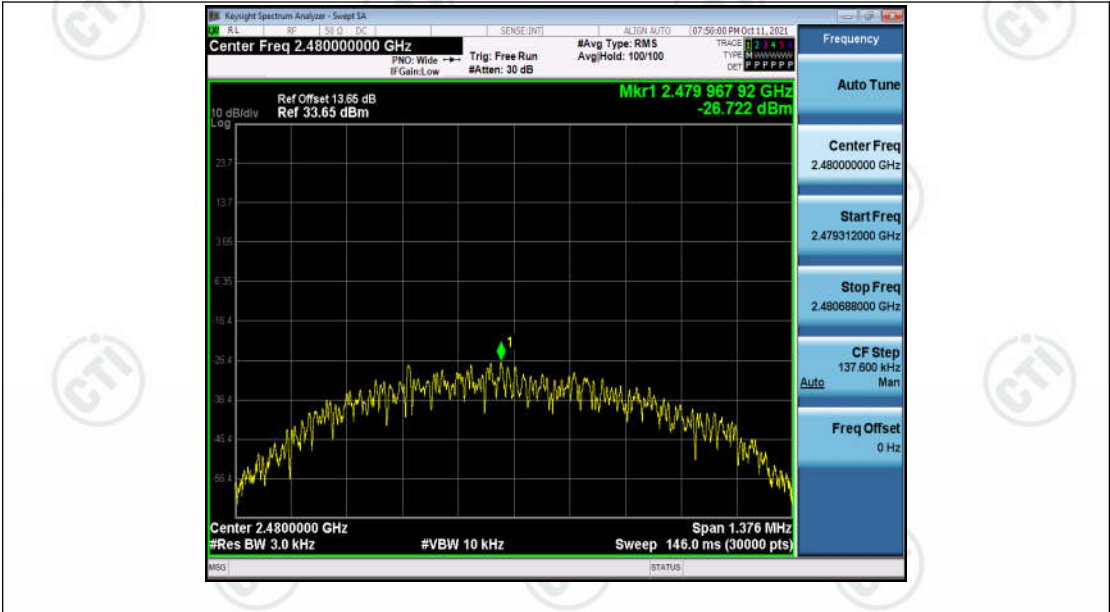
BLE_Ant1_2402



BLE_Ant1_2440



BLE_Ant1_2480



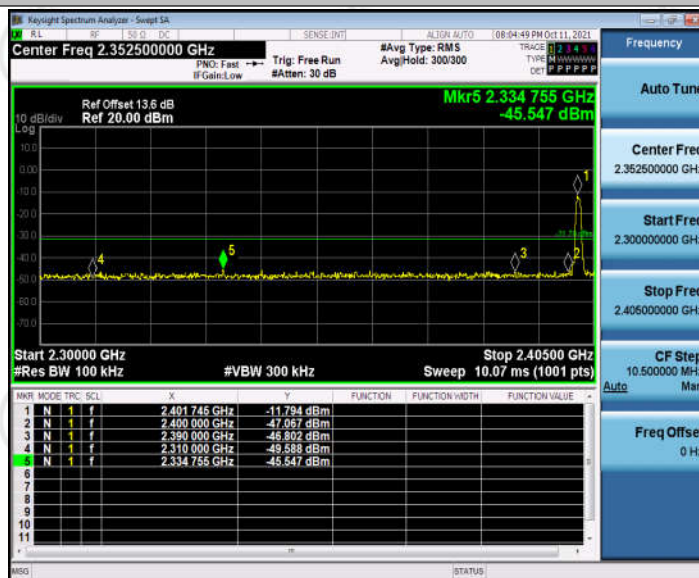
Appendix E: Band edge measurements

Test Result

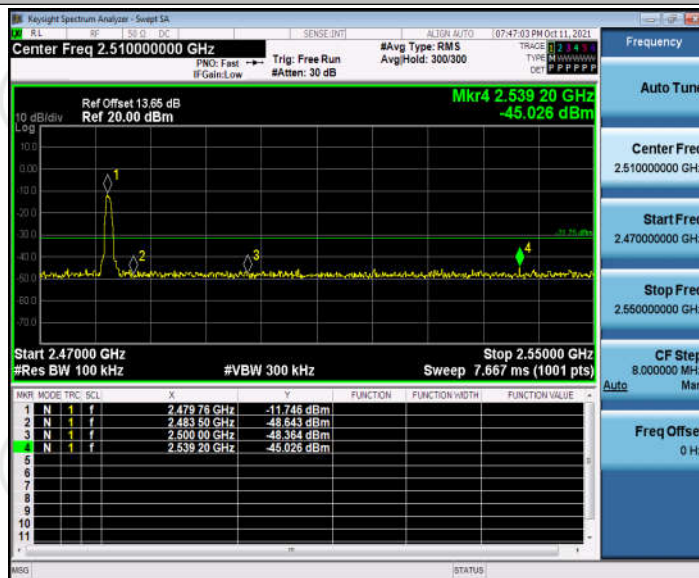
Test Mode	Antenna	Ch Name	Channel	Ref Level [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	Low	2402	-11.79	-45.55	<=-31.79	PASS
		High	2480	-11.75	-45.03	<=-31.75	PASS

Test Graphs

BLE_Ant1_Low_2402



BLE_Ant1_High_2480



Appendix F: Conducted Spurious Emission

Test Result

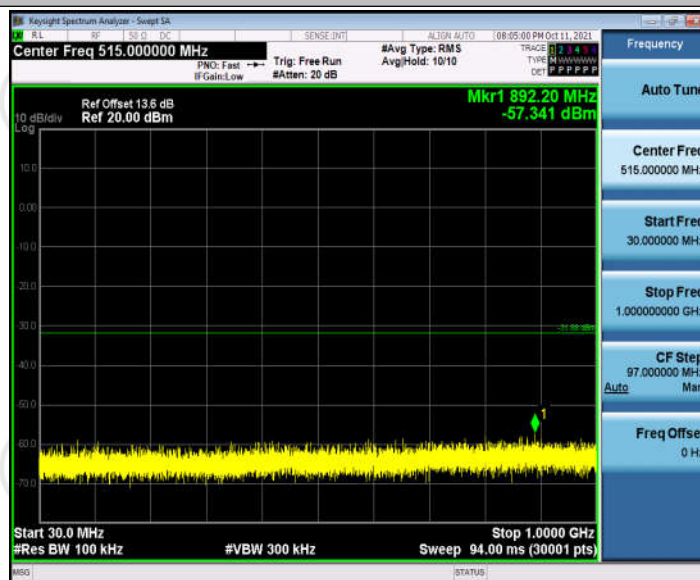
Test Mode	Antenna	Channel	Freq Range [MHz]	Ref Level [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE	Ant1	2402	Reference	-11.88	-11.88	---	PASS
			30~1000	30~1000	-57.341	<=-31.881	PASS
			1000~26500	1000~26500	-47.749	<=-31.881	PASS
		2440	Reference	-13.07	-13.07	---	PASS
			30~1000	30~1000	-37.721	<=-33.07	PASS
			1000~26500	1000~26500	-45.152	<=-33.07	PASS
		2480	Reference	-12.01	-12.01	---	PASS
			30~1000	30~1000	-57.252	<=-32.01	PASS
			1000~26500	1000~26500	-48.68	<=-32.01	PASS

Test Graphs

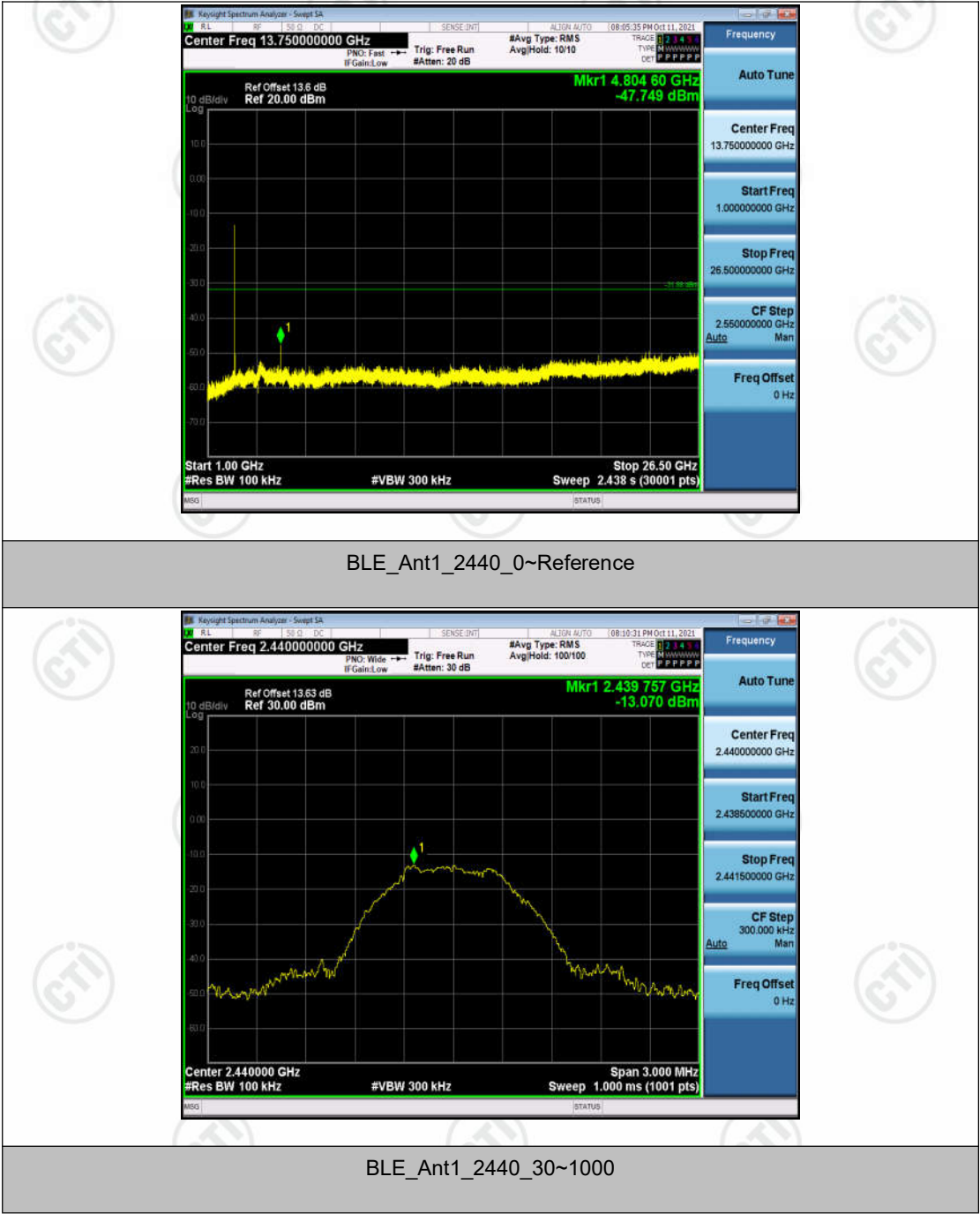
BLE_Ant1_2402_0~Reference

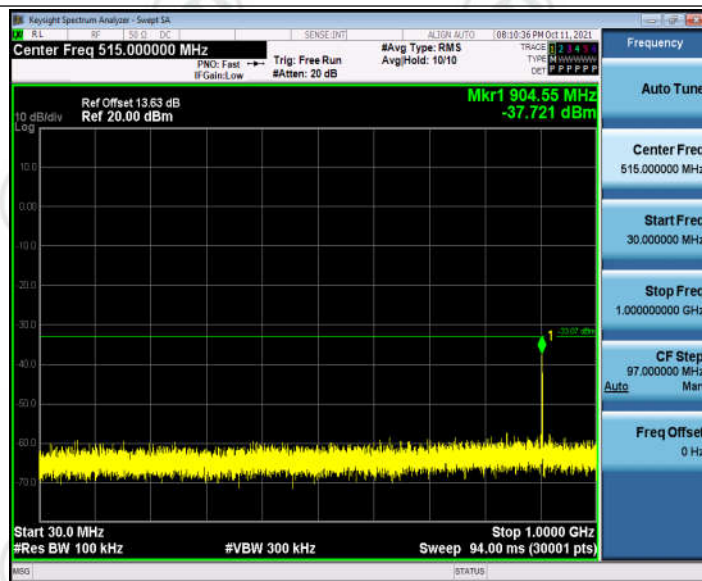


BLE_Ant1_2402_30~1000



BLE_Ant1_2402_1000~26500





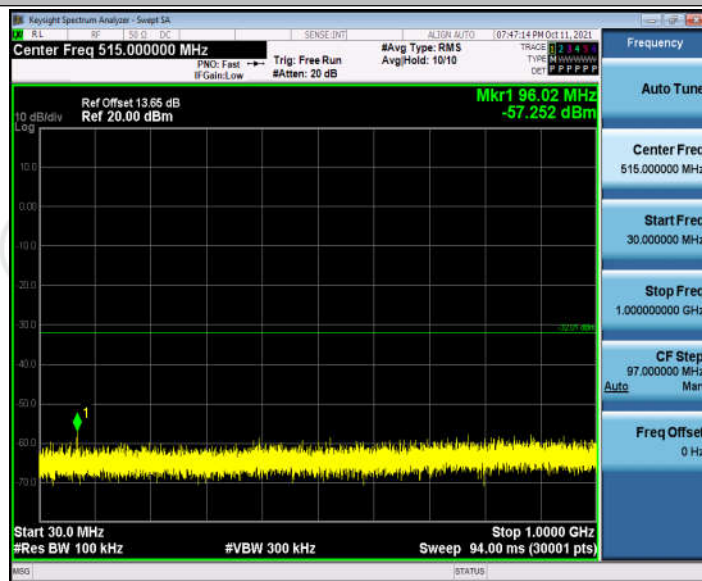
BLE_Ant1_2440_1000~26500



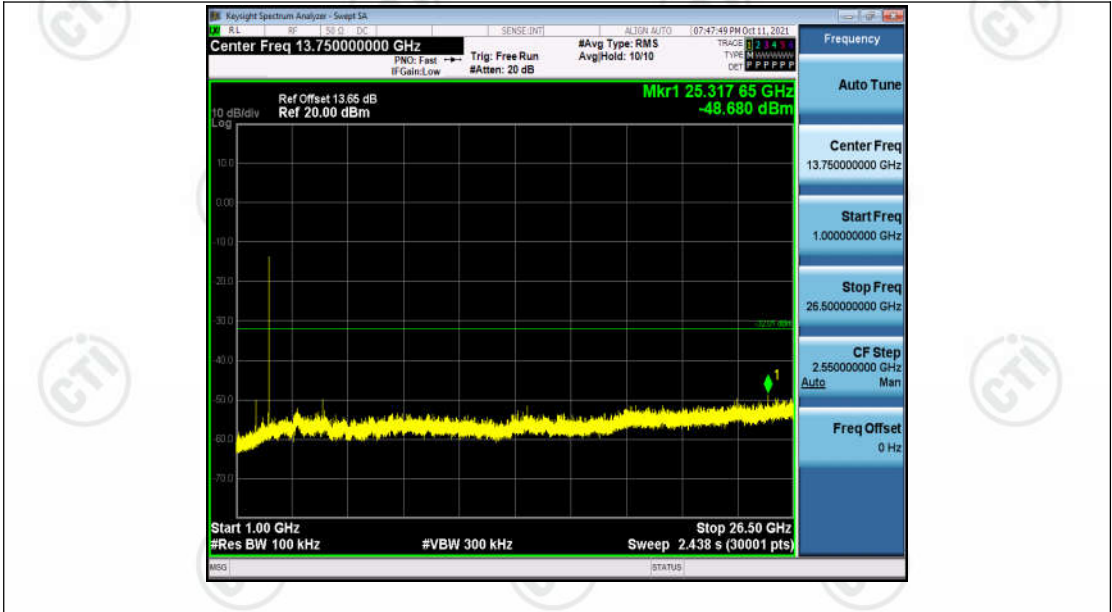
BLE_Ant1_2480_0~Reference



BLE_Ant1_2480_30~1000



BLE_Ant1_2480_1000~26500

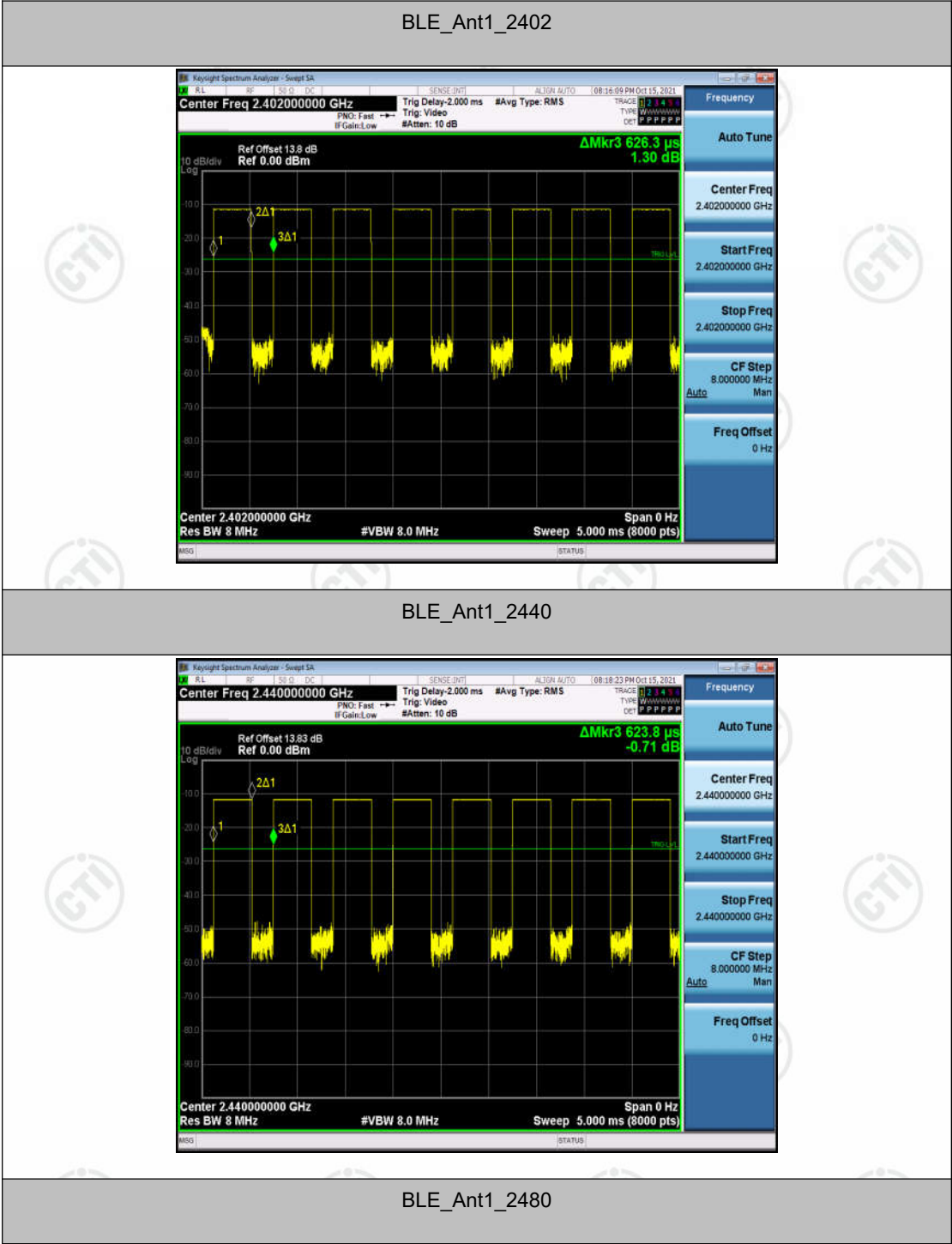


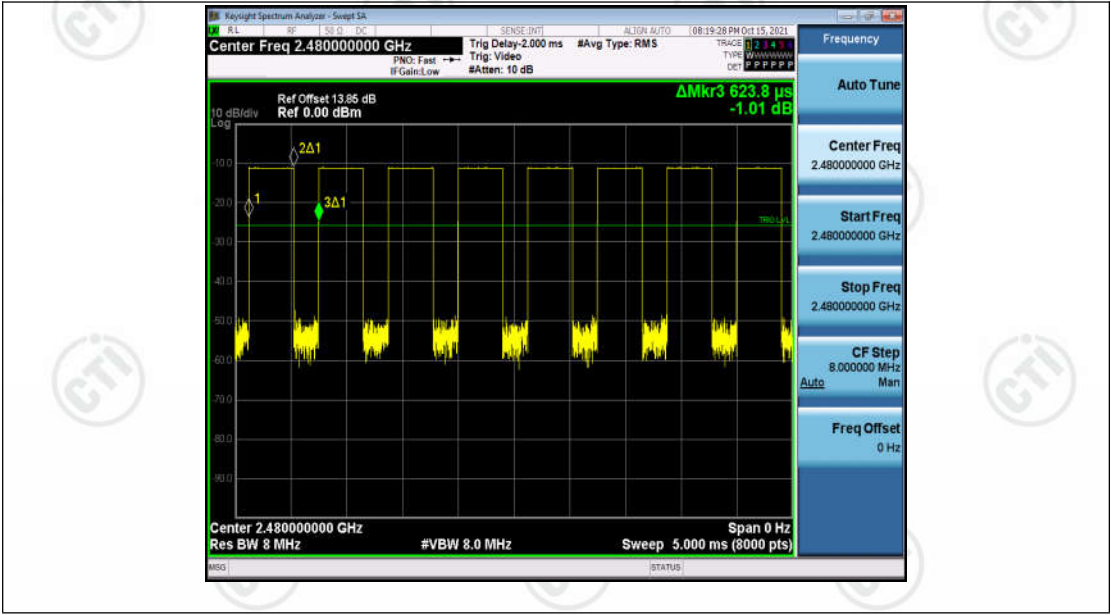
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
BLE	Ant1	2402	0.40	0.63	63.77	---	PASS
		2440	0.40	0.62	63.93	---	PASS
		2480	0.40	0.62	63.93	---	PASS

Test Graphs





*** End of Report ***