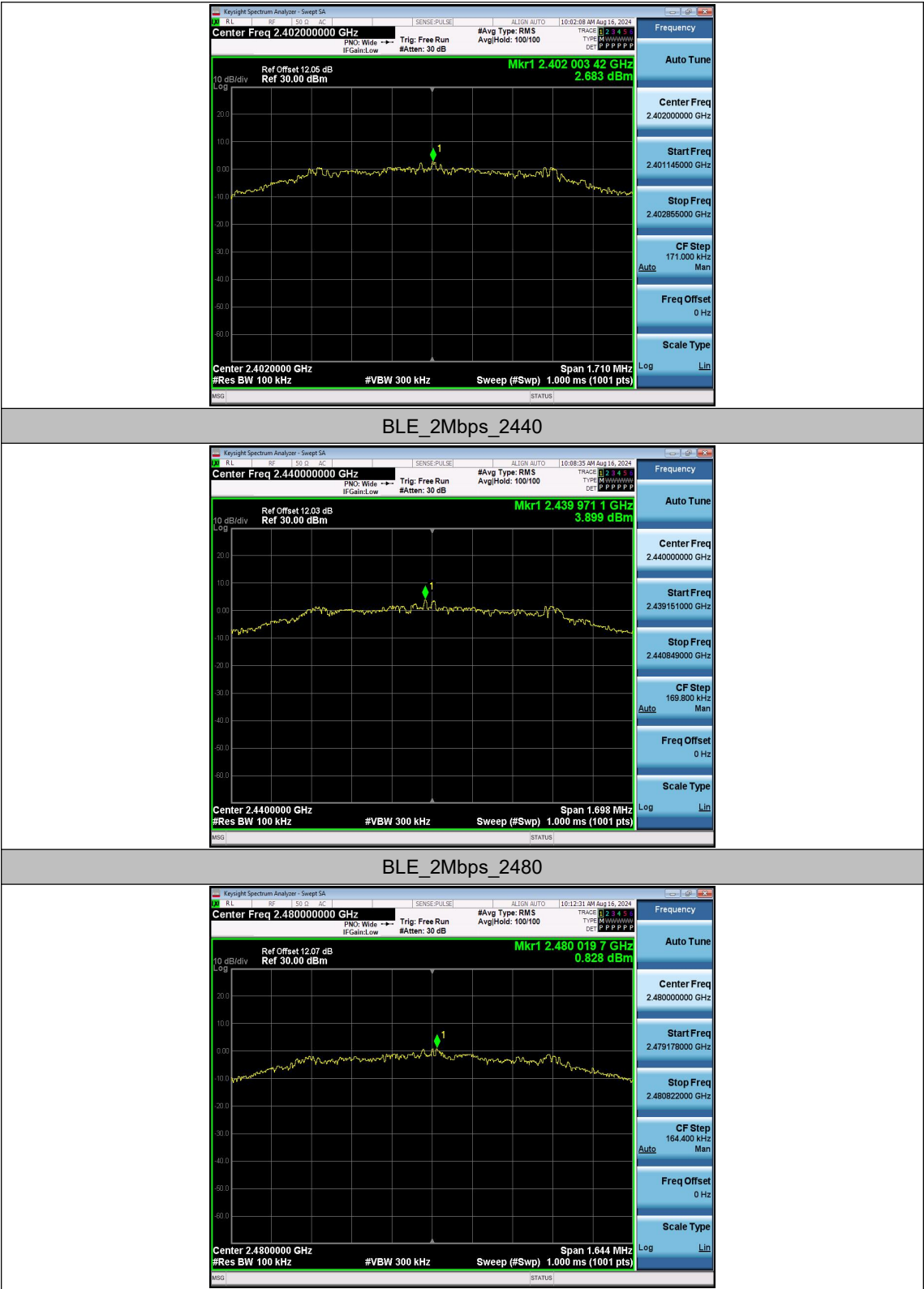
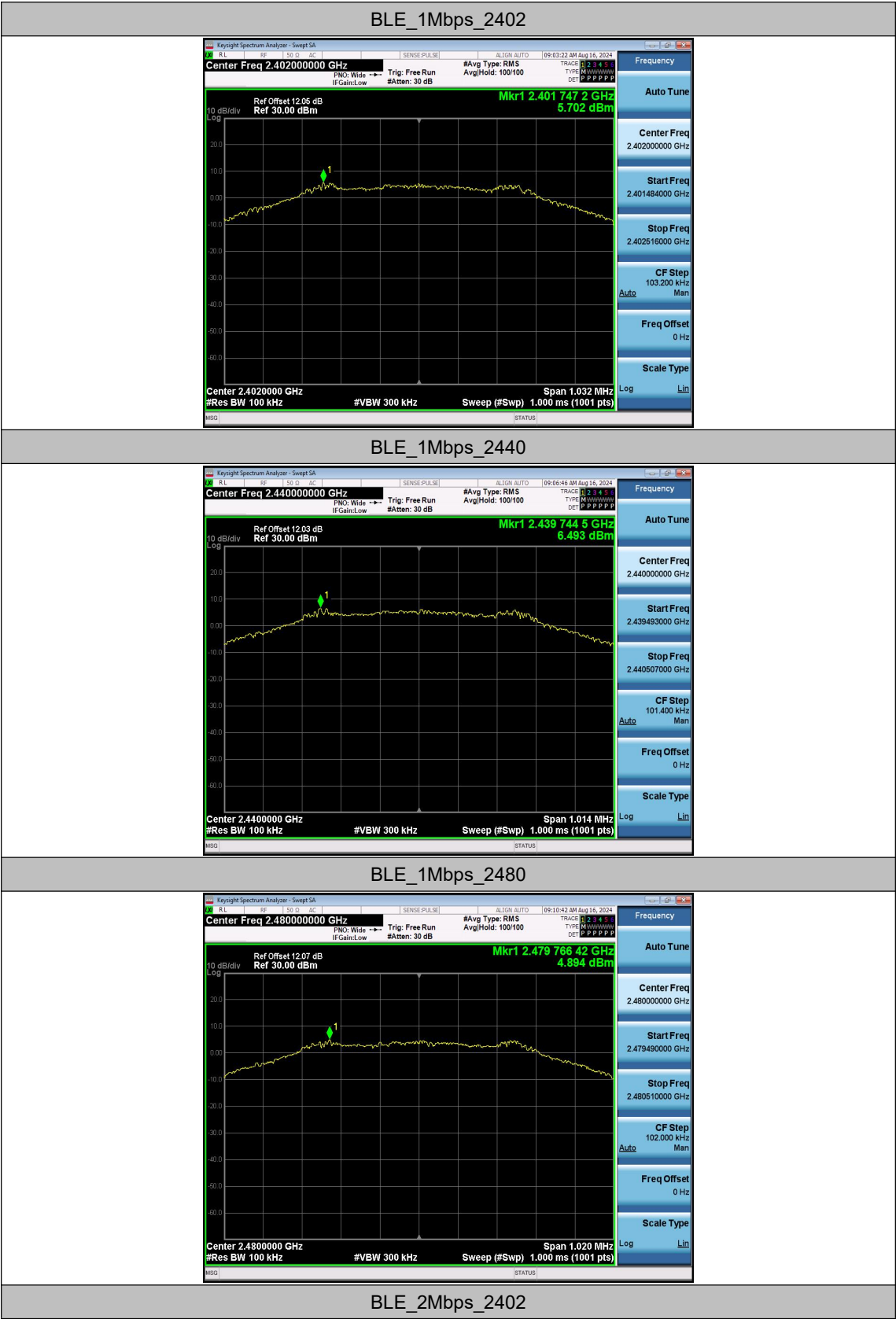
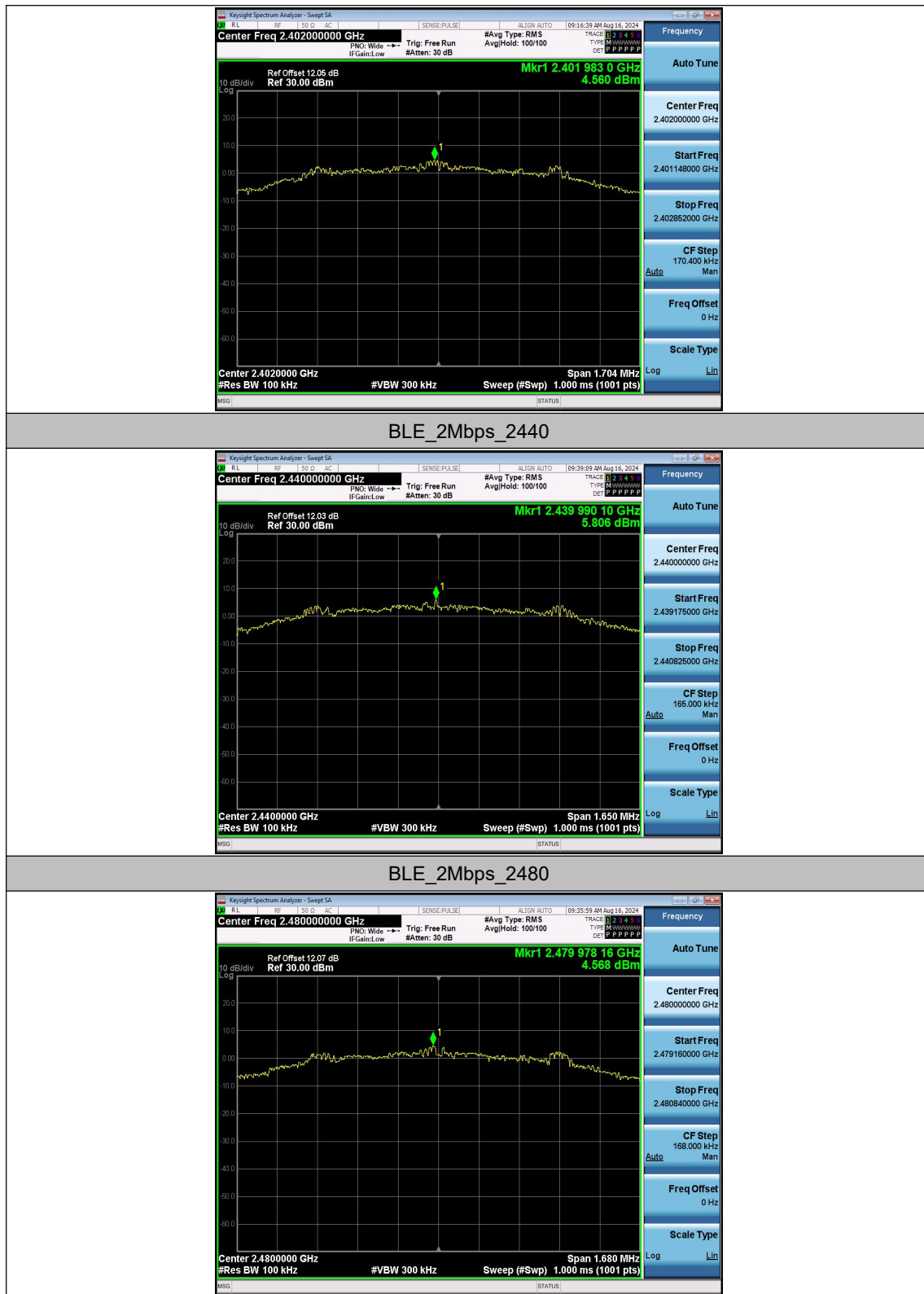




External PCB antenna





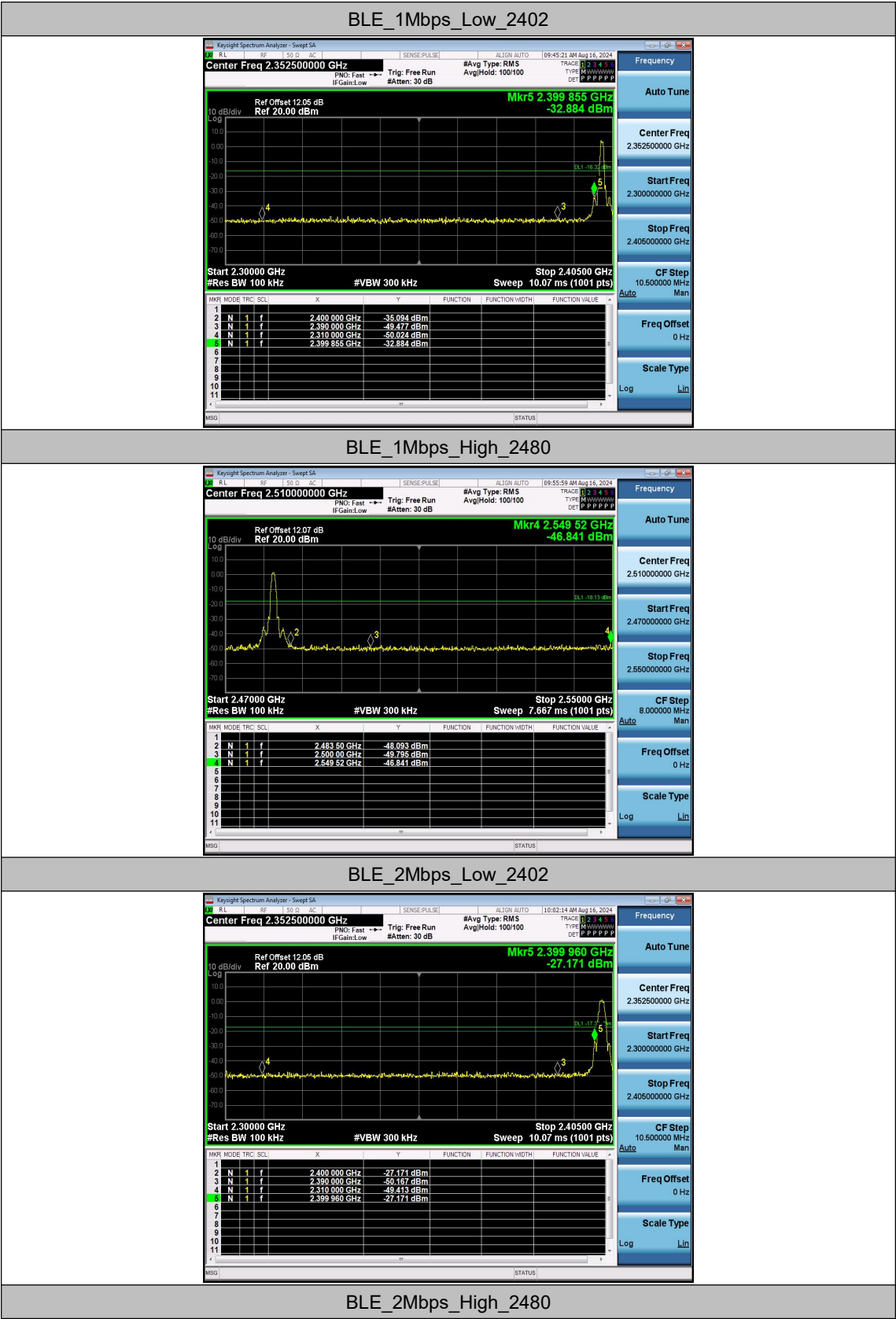
Band edge measurements**Test Result**

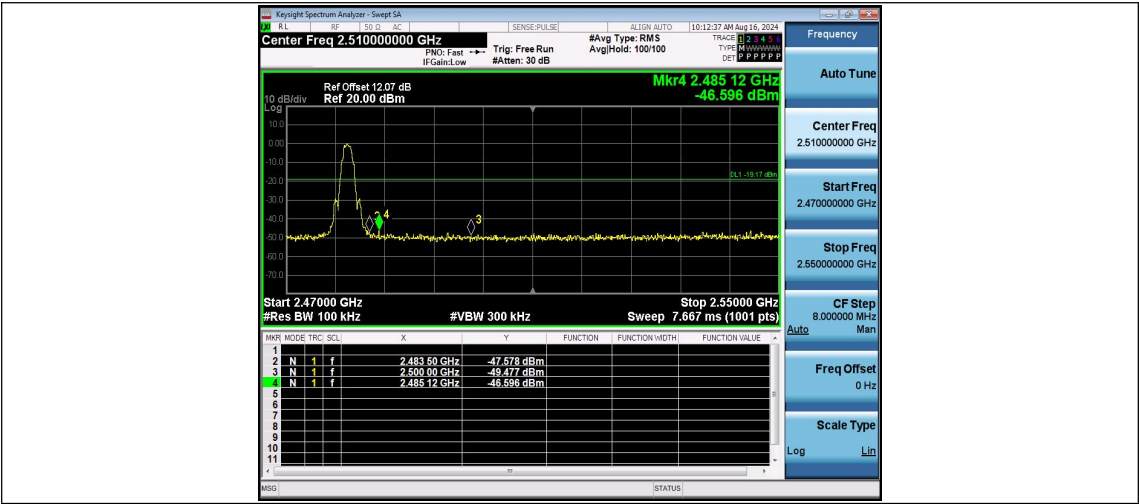
TestMode	Antenna	ChName	Freq (MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1Mbps	Onboard	Low	2402	3.68	-32.88	≤-16.32	PASS
	PCB antenna	High	2480	1.87	-46.84	≤-18.13	PASS
BLE_2Mbps	Onboard	Low	2402	2.68	-27.17	≤-17.32	PASS
	PCB antenna	High	2480	0.83	-46.6	≤-19.17	PASS

TestMode	Antenna	ChName	Freq (MHz)	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1Mbps	External	Low	2402	5.70	-33.71	≤-14.3	PASS
	PCB antenna	High	2480	4.89	-46.98	≤-15.11	PASS
BLE_2Mbps	External	Low	2402	4.56	-26.78	≤-15.44	PASS
	PCB antenna	High	2480	4.57	-46.97	≤-15.43	PASS

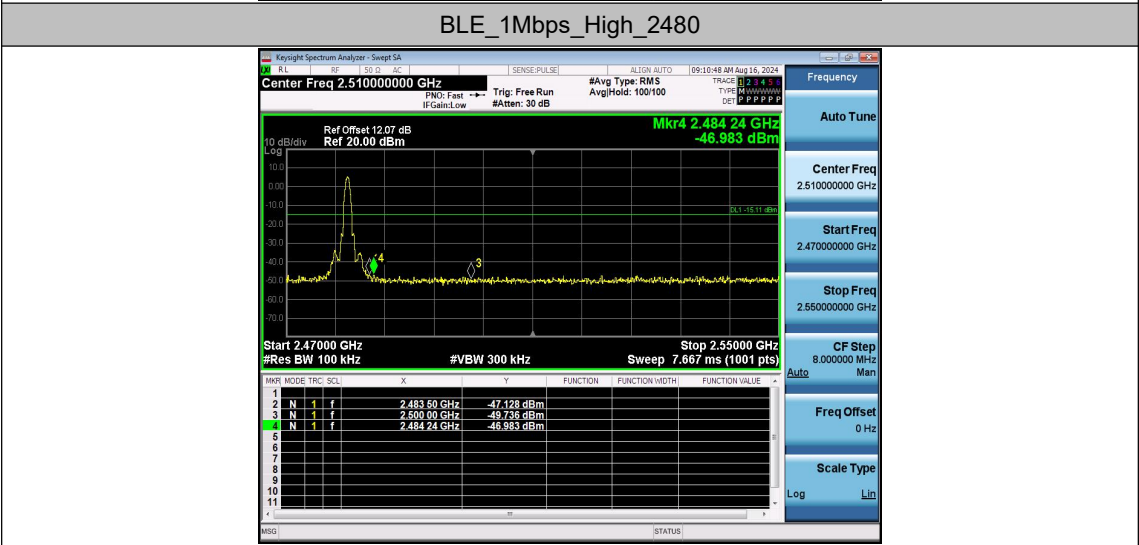
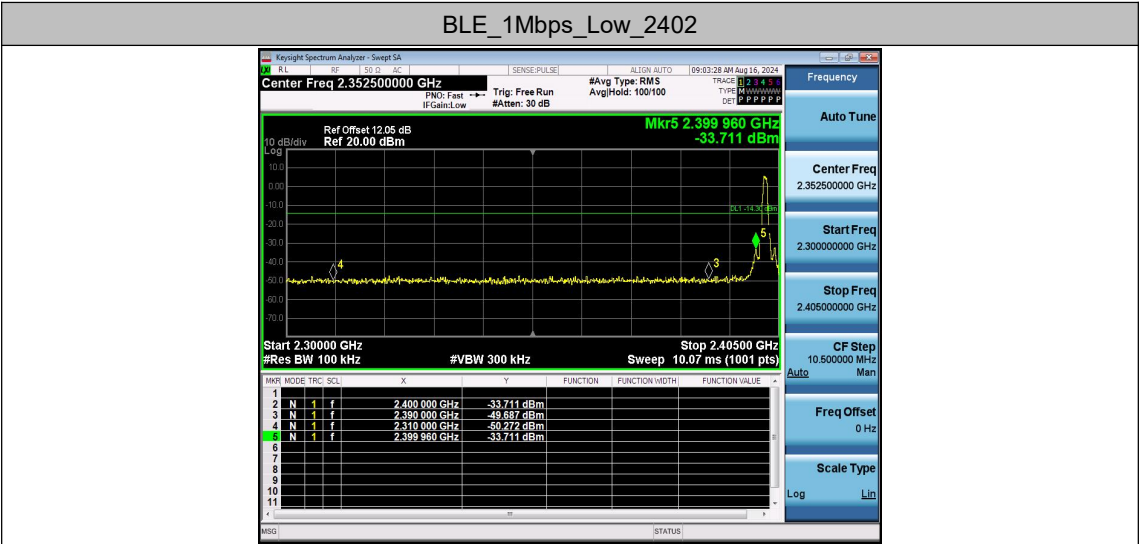
Test Graphs

Onboard PCB antenna





Onboard PCB antenna





Appendix G: Conducted Spurious Emission

Test Result

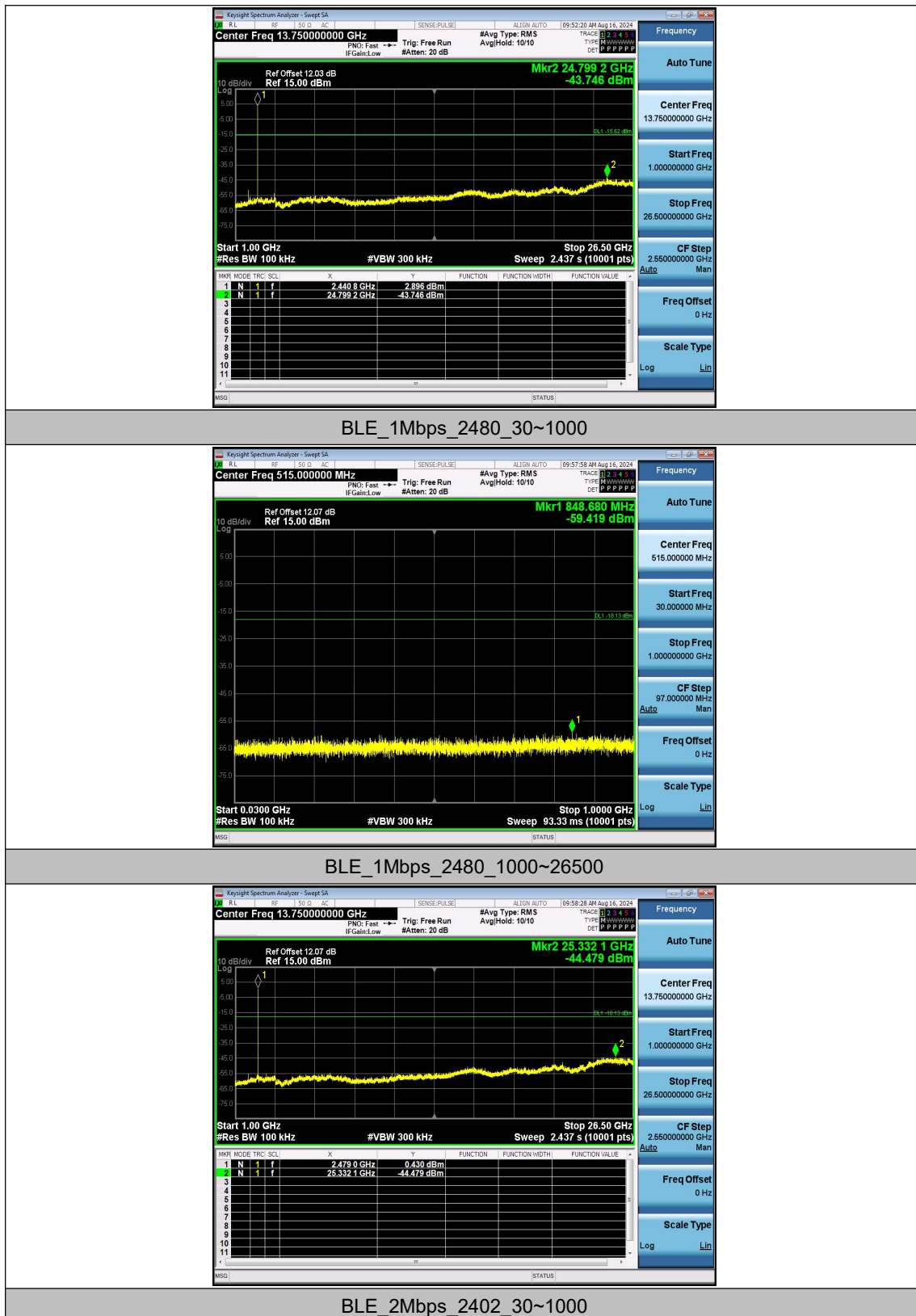
TestMode	Antenna	Freq (MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1Mbps	Onboard PCB antenna	2402	30~1000	3.68	-59	≤-16.32	PASS
			1000~26500	3.68	-43.5	≤-16.32	PASS
		2440	30~1000	4.38	-59.2	≤-15.62	PASS
			1000~26500	4.38	-43.75	≤-15.62	PASS
		2480	30~1000	1.87	-59.42	≤-18.13	PASS
			1000~26500	1.87	-44.48	≤-18.13	PASS
BLE_2Mbps	Onboard PCB antenna	2402	30~1000	2.68	-58.73	≤-17.32	PASS
			1000~26500	2.68	-43.7	≤-17.32	PASS
		2440	30~1000	3.90	-59.13	≤-16.1	PASS
			1000~26500	3.90	-43.83	≤-16.1	PASS
		2480	30~1000	9.81	-59.21	≤-10.19	PASS
			1000~26500	9.81	-43.74	≤-10.19	PASS

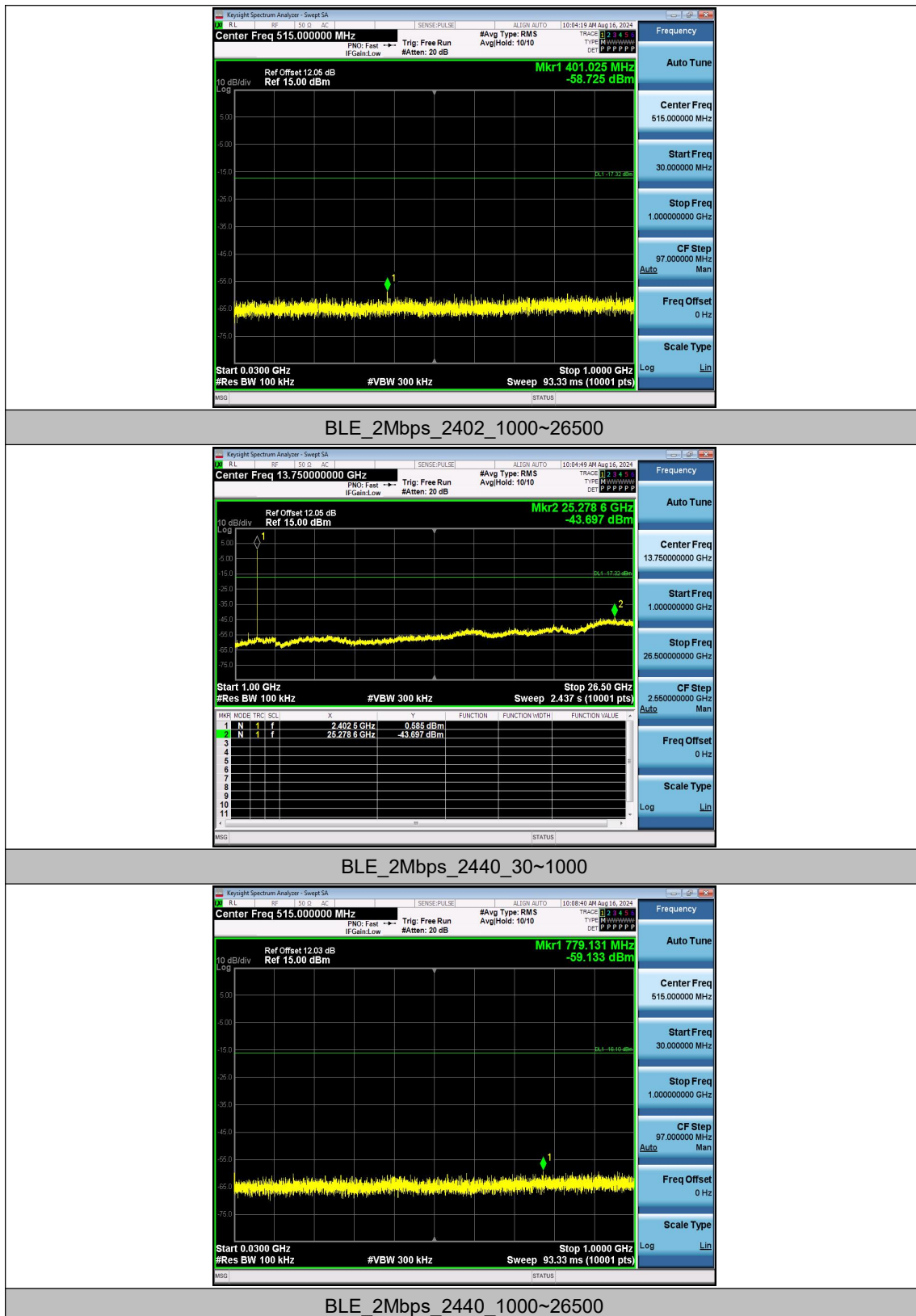
TestMode	Antenna	Freq (MHz)	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1Mbps	External PCB antenna	2402	30~1000	5.70	-58.79	≤-14.3	PASS
			1000~26500	5.70	-44.39	≤-14.3	PASS
		2440	30~1000	6.49	-58.38	≤-13.51	PASS
			1000~26500	6.49	-43.81	≤-13.51	PASS
		2480	30~1000	4.89	-58.53	≤-15.11	PASS
			1000~26500	4.89	-43.82	≤-15.11	PASS
BLE_2Mbps	External PCB antenna	2402	30~1000	4.56	-58.95	≤-15.44	PASS
			1000~26500	4.56	-43.4	≤-15.44	PASS
		2440	30~1000	5.81	-59.18	≤-14.19	PASS
			1000~26500	5.81	-43.9	≤-14.19	PASS
		2480	30~1000	4.57	-59.19	≤-15.43	PASS
			1000~26500	4.57	-44.22	≤-15.43	PASS

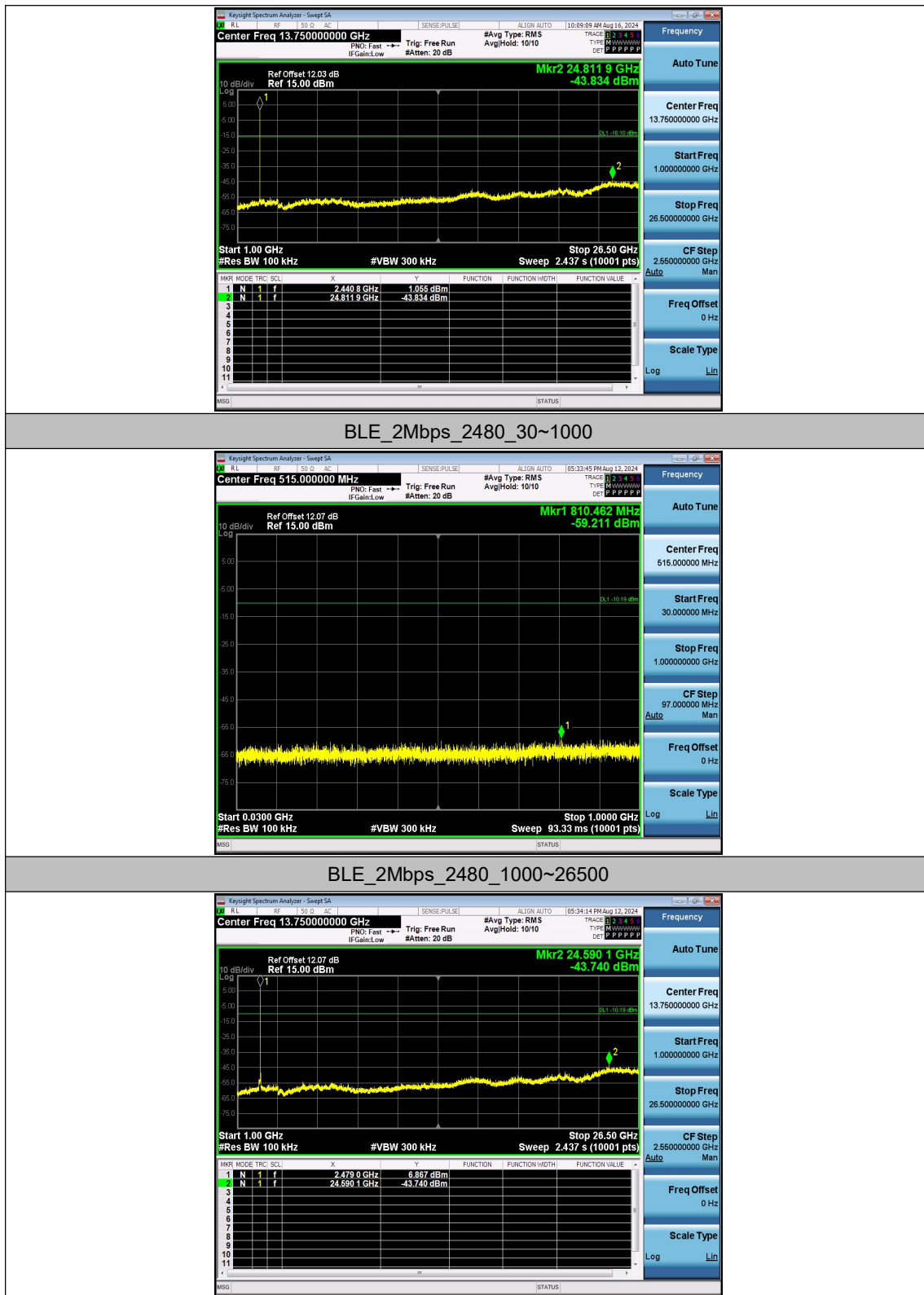
Test Graphs

Onboard PCB antenna









External PCB antenna



