

10 APPENDIX

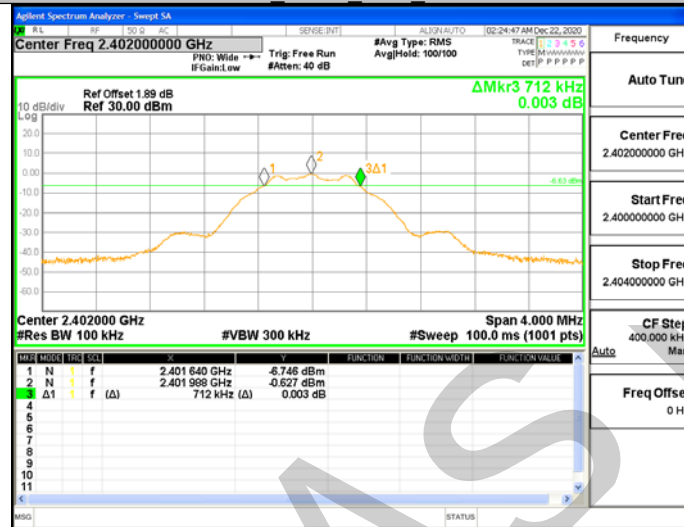
10.1 APPENDIX: DTS BANDWIDTH

Test Result

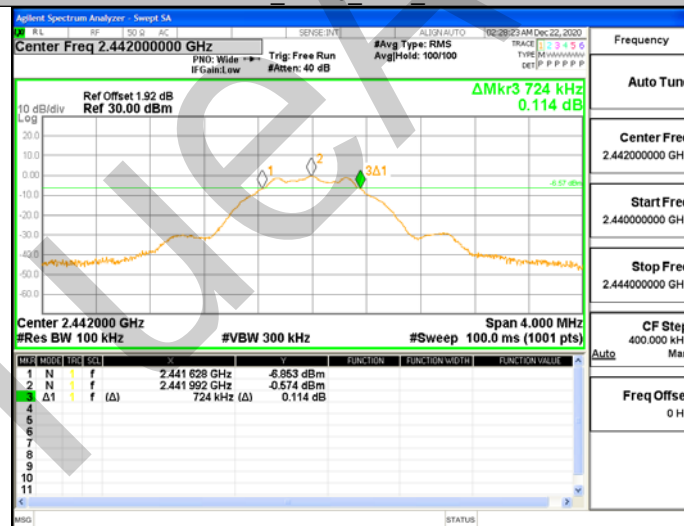
TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_BT4.0	Ant1	2402	0.712	2401.640	2402.352	≥ 0.5	PASS
		2442	0.724	2441.628	2442.352	≥ 0.5	PASS
		2480	0.716	2479.636	2480.352	≥ 0.5	PASS

Test Graphs

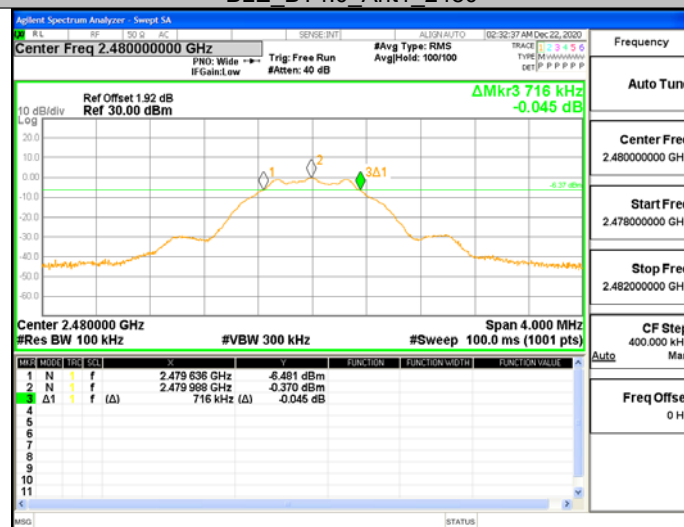
BLE BT4.0 Ant1 2402



BLE BT4.0 Ant1 2442



BLE BT4.0 Ant1 2480

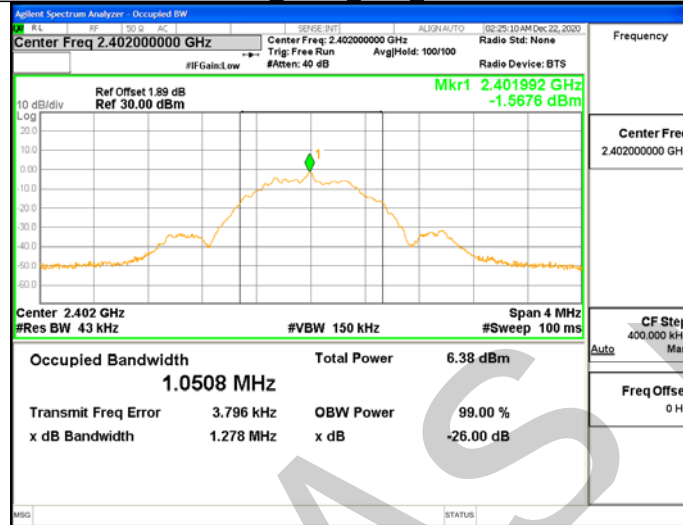


10.2 APPENDIX: OCCUPIED CHANNEL BANDWIDTH**Test Result**

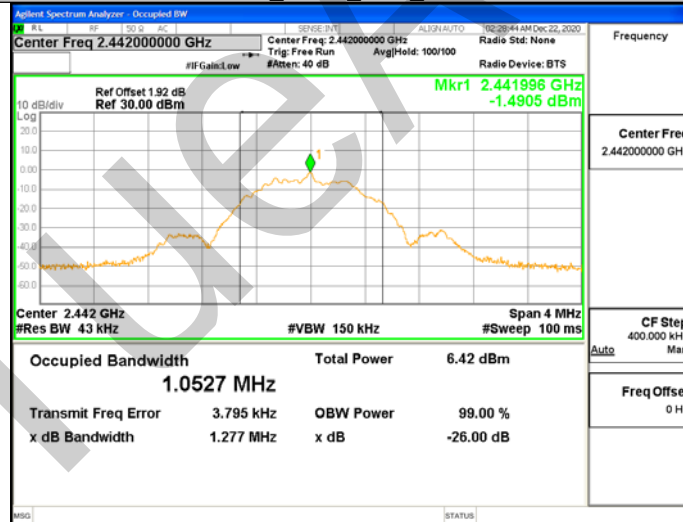
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_BT4.0	Ant1	2402	1.0508	2401.478	2402.529	---	PASS
		2442	1.0527	2441.477	2442.530	---	PASS
		2480	1.0528	2479.477	2480.529	---	PASS

Test Graphs

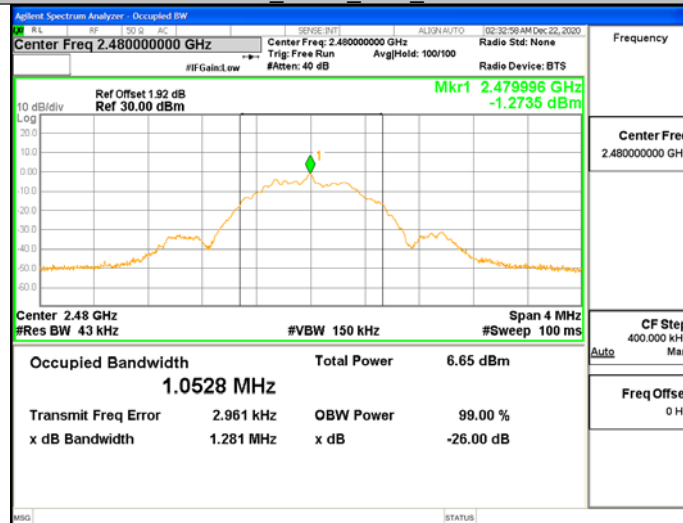
BLE_BT4.0_Ant1_2402



BLE_BT4.0_Ant1_2442



BLE_BT4.0_Ant1_2480

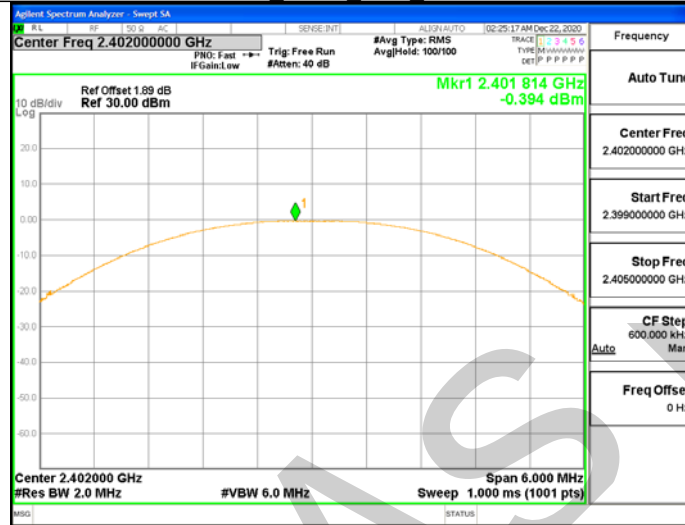


10.3 APPENDIX: MAXIMUM CONDUCTED OUTPUT POWER**Test Result**

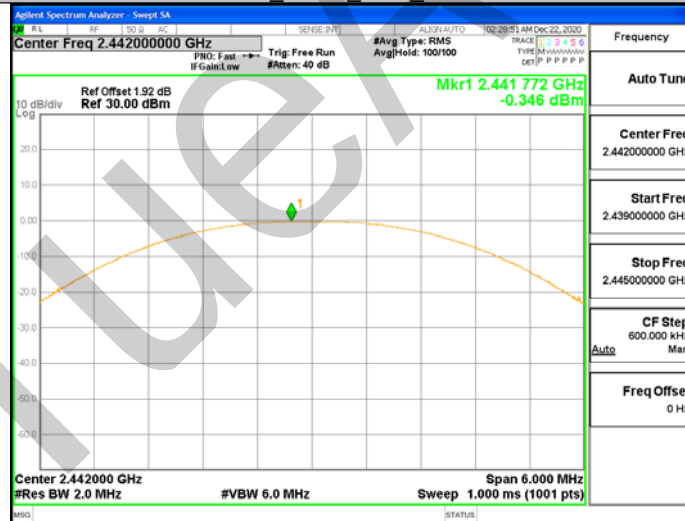
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_BT4.0	Ant1	2402	-0.39	<=30	PASS
		2442	-0.35	<=30	PASS
		2480	-0.13	<=30	PASS

Test Graphs

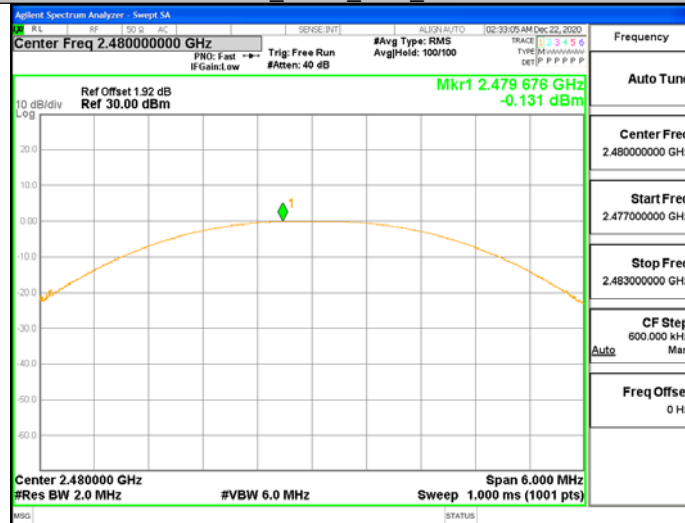
BLE BT4.0 Ant1 2402



BLE BT4.0 Ant1 2442



BLE BT4.0 Ant1 2480

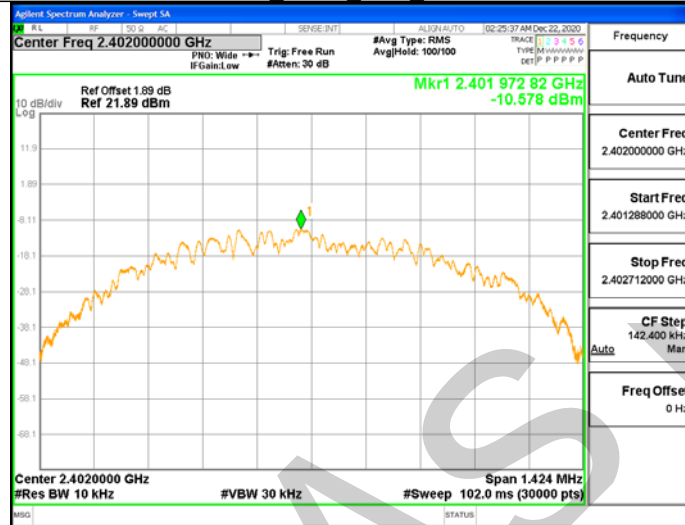


10.4 APPENDIX: MAXIMUM POWER SPECTRAL DENSITY**Test Result**

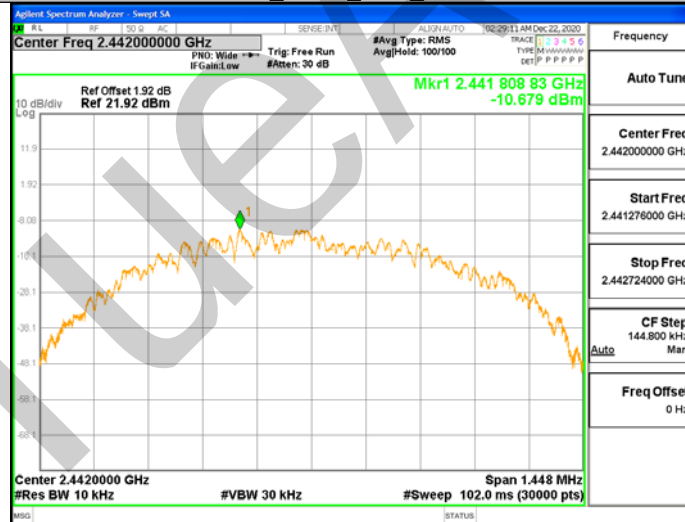
TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_BT4.0	Ant1	2402	-10.58	<=8	PASS
		2442	-10.68	<=8	PASS
		2480	-10.43	<=8	PASS

Test Graphs

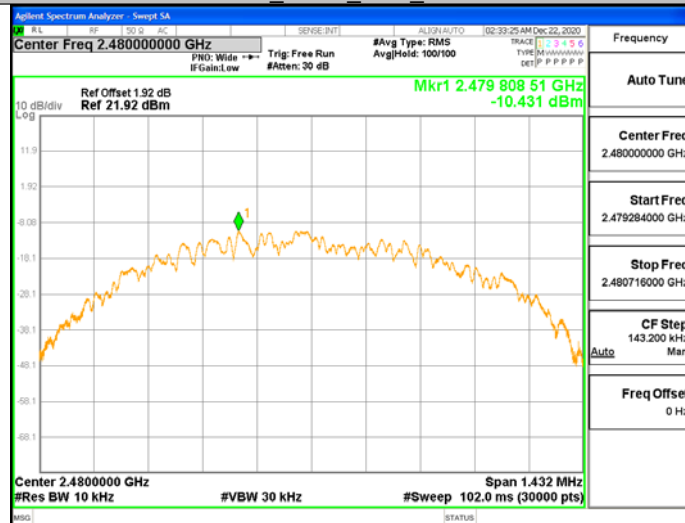
BLE_BT4.0_Ant1_2402



BLE_BT4.0_Ant1_2442



BLE_BT4.0_Ant1_2480

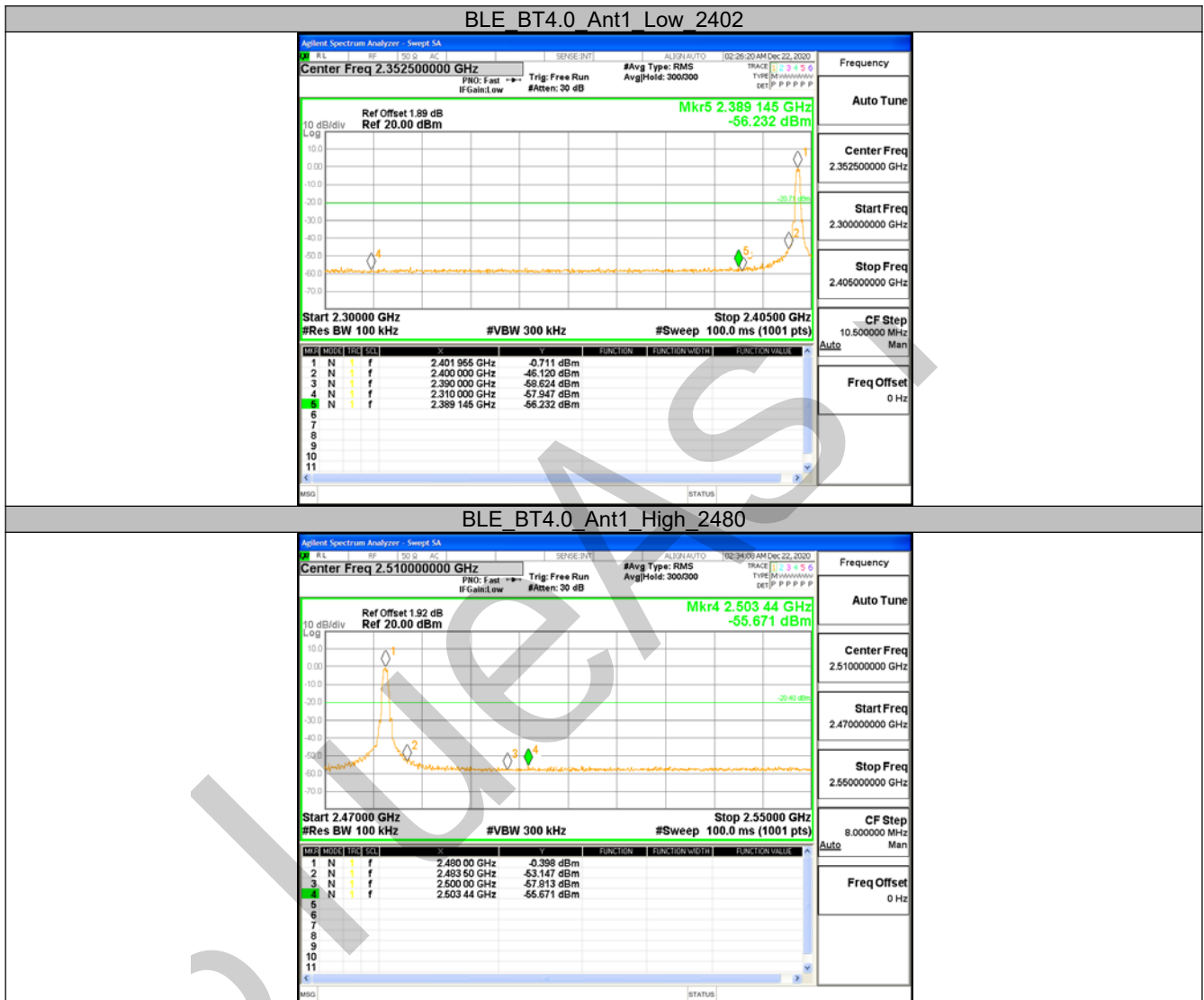


10.5 APPENDIX: BAND EDGE MEASUREMENTS

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_BT4.0	Ant1	Low	2402	-0.71	-56.23	≤ -20.71	PASS
		High	2480	-0.40	-55.67	≤ -20.4	PASS

Test Graphs



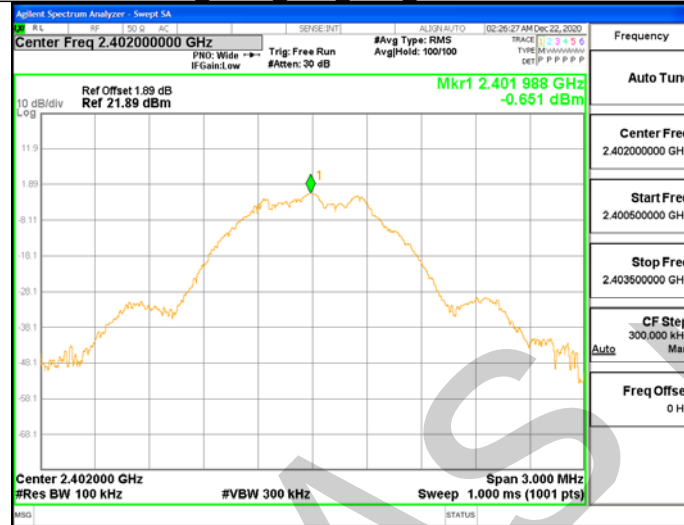
10.6 APPENDIX F: CONDUCTED SPURIOUS EMISSION

Test Result

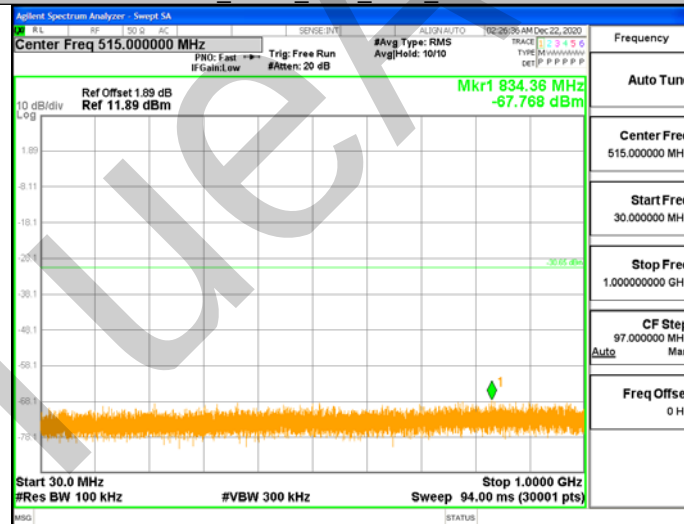
TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_BT4.0	Ant1	2402	Reference	-0.65	-0.65	---	PASS
			30~1000	30~1000	-67.768	<=-30.651	PASS
			1000~26500	1000~26500	-54.043	<=-30.651	PASS
		2442	Reference	-0.61	-0.61	---	PASS
			30~1000	30~1000	-67.752	<=-30.612	PASS
			1000~26500	1000~26500	-53.924	<=-30.612	PASS
		2480	Reference	-1.24	-1.24	---	PASS
			30~1000	30~1000	-67.365	<=-31.237	PASS
			1000~26500	1000~26500	-53.54	<=-31.237	PASS

Test Graphs

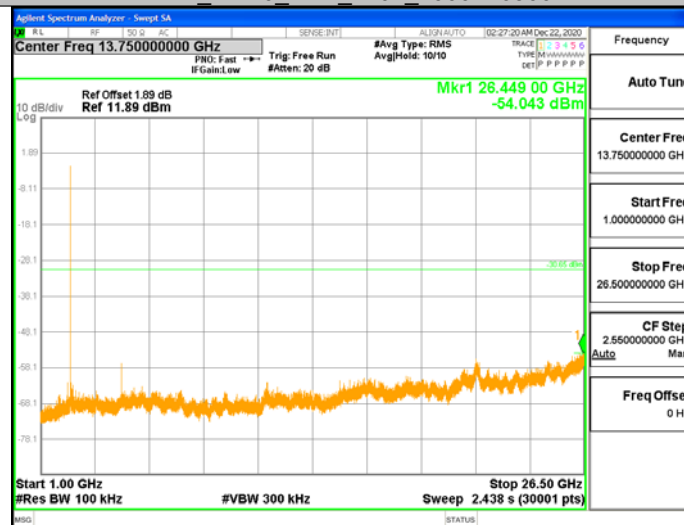
BLE_BT4.0_Ant1_2402_0~Reference



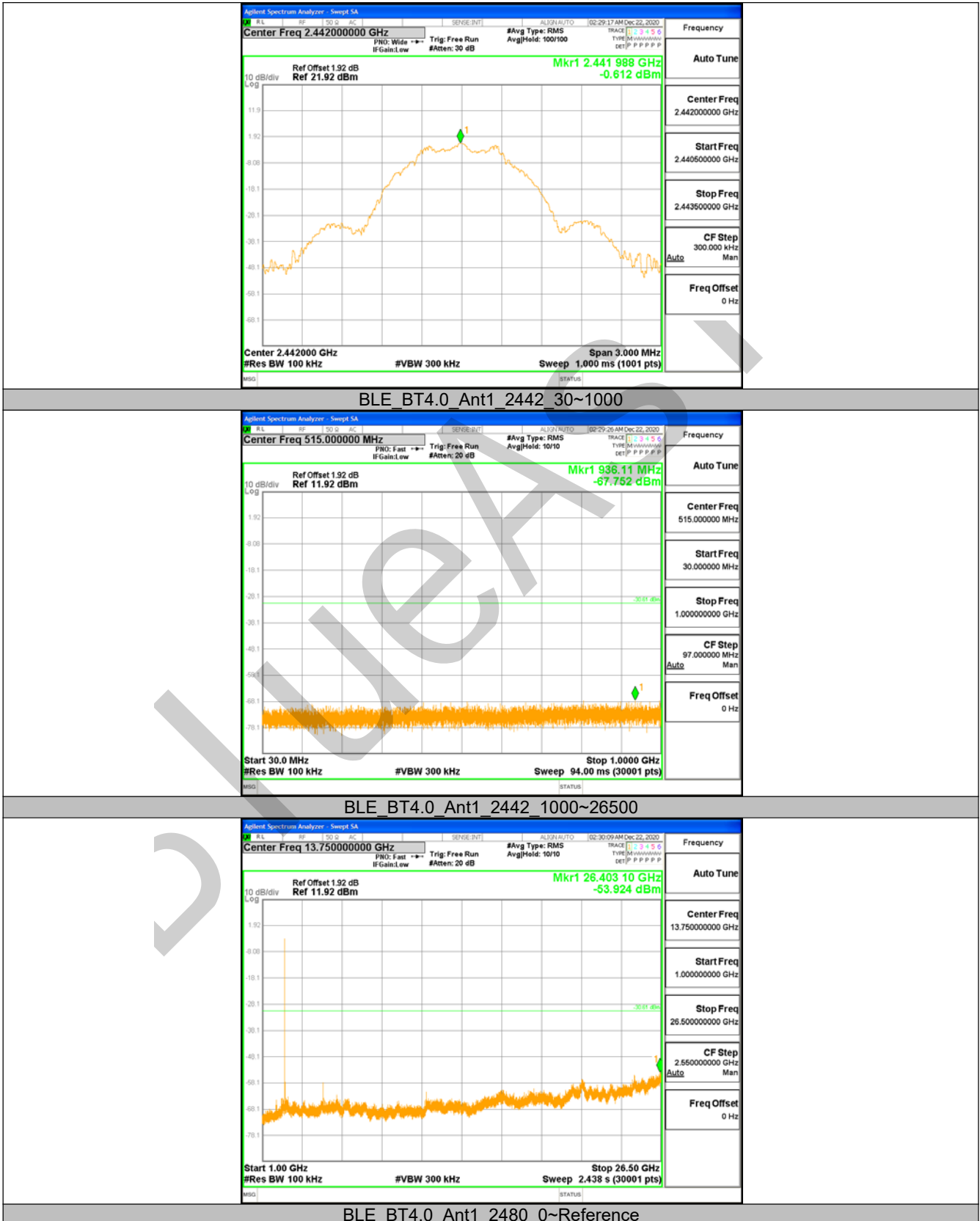
BLE_BT4.0_Ant1_2402_30~1000



BLE_BT4.0_Ant1_2402_1000~26500



BLE_BT4.0_Ant1_2442_0~Reference





APPENDIX A: PHOTOGRAPHS OF TEST SETUP

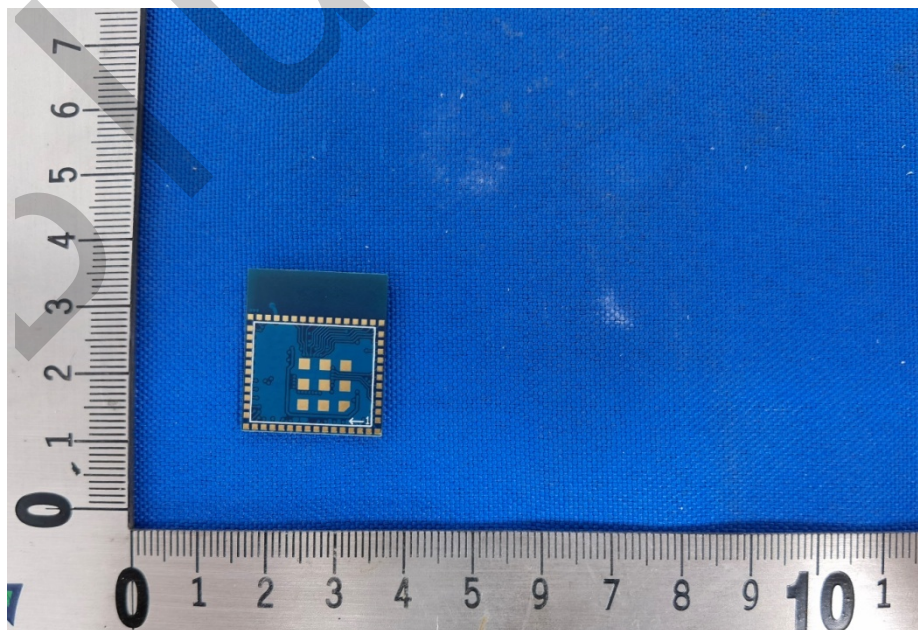
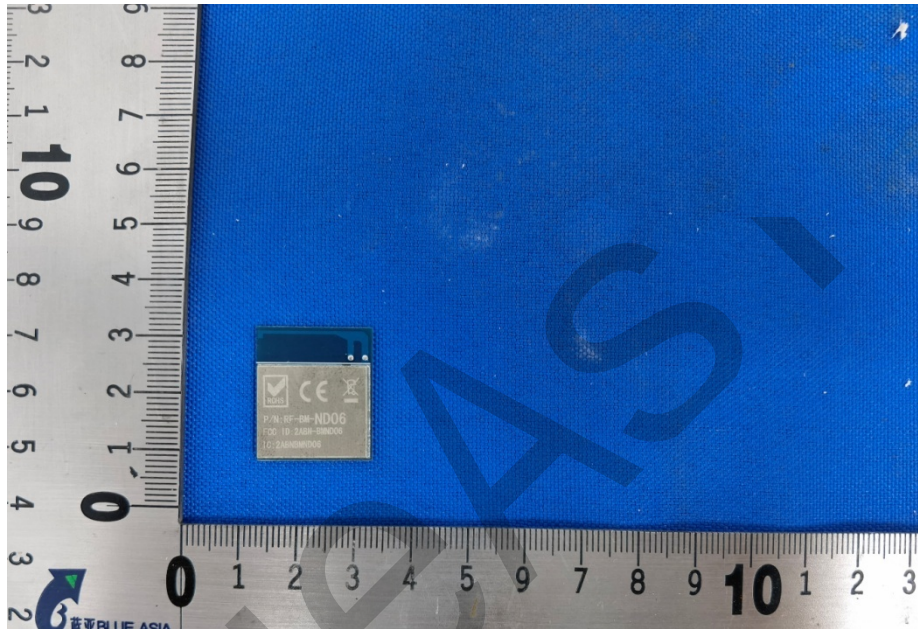
Radiated Spurious Emissions

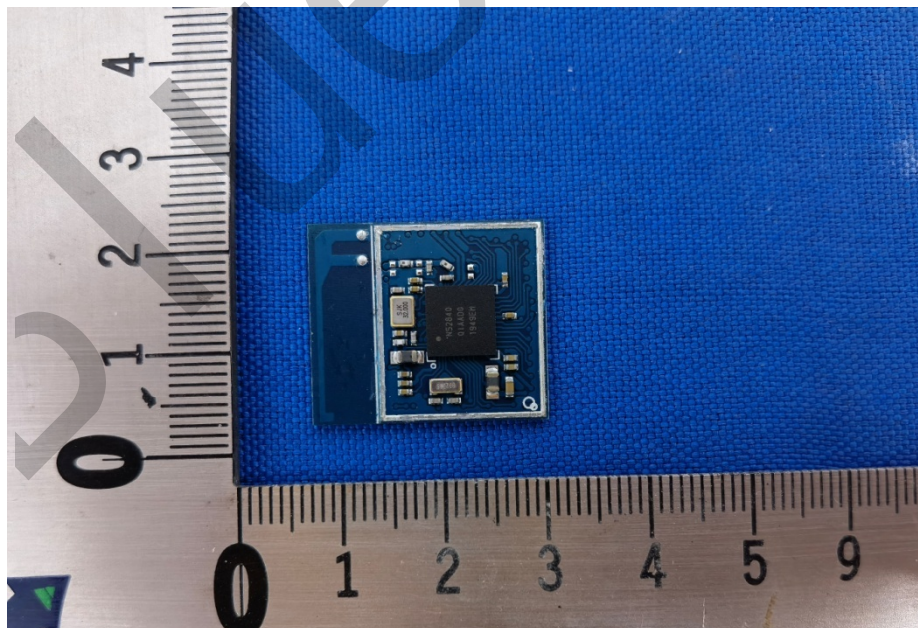
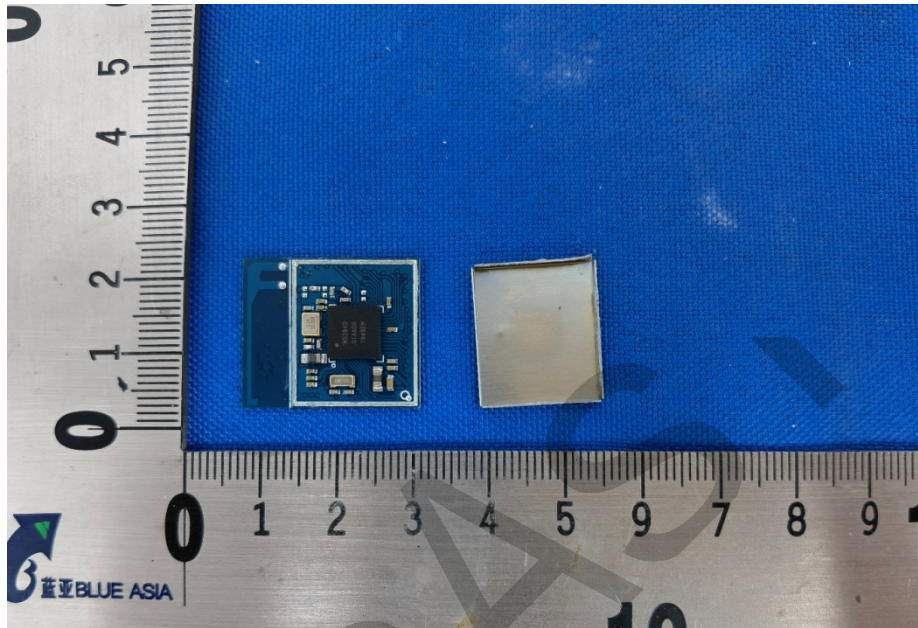


Conducted Emissions at AC Power Line (150kHz-30MHz)



APPENDIX B: PHOTOGRAPHS OF EUT





----END OF REPORT----

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