

10 APPENDIX

10.1 APPENDIX:DTS BANDWIDTH

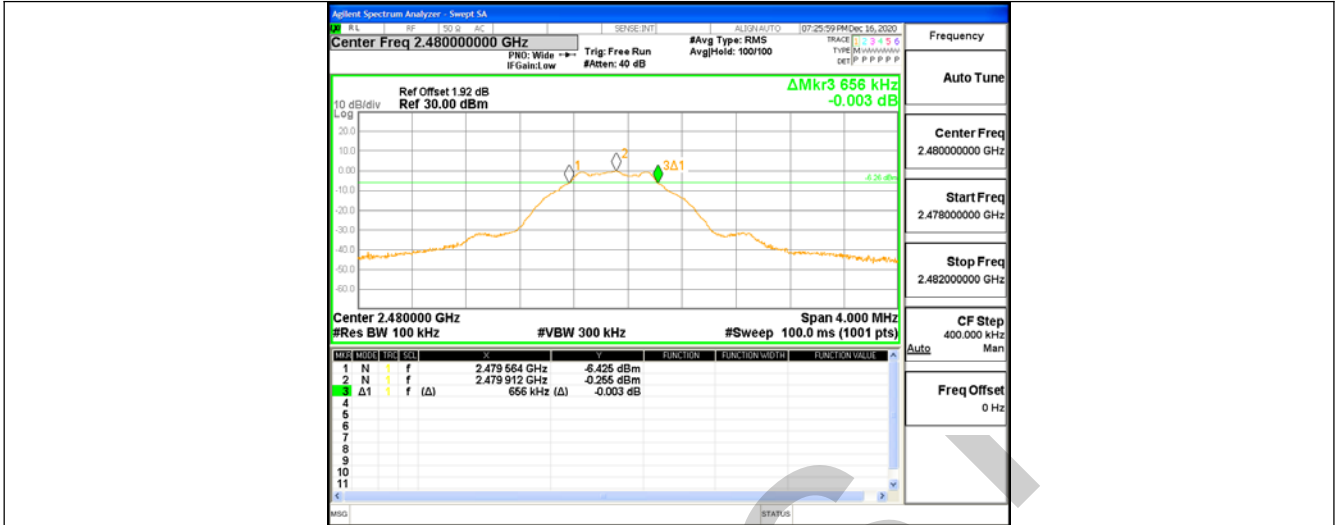
Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_BT4.0	Ant1	2402	0.656	2401.568	2402.224	>=0.5	PASS
		2442	0.652	2441.568	2442.220	>=0.5	PASS
		2480	0.656	2479.564	2480.220	>=0.5	PASS

BlueASIA

Test Graphs



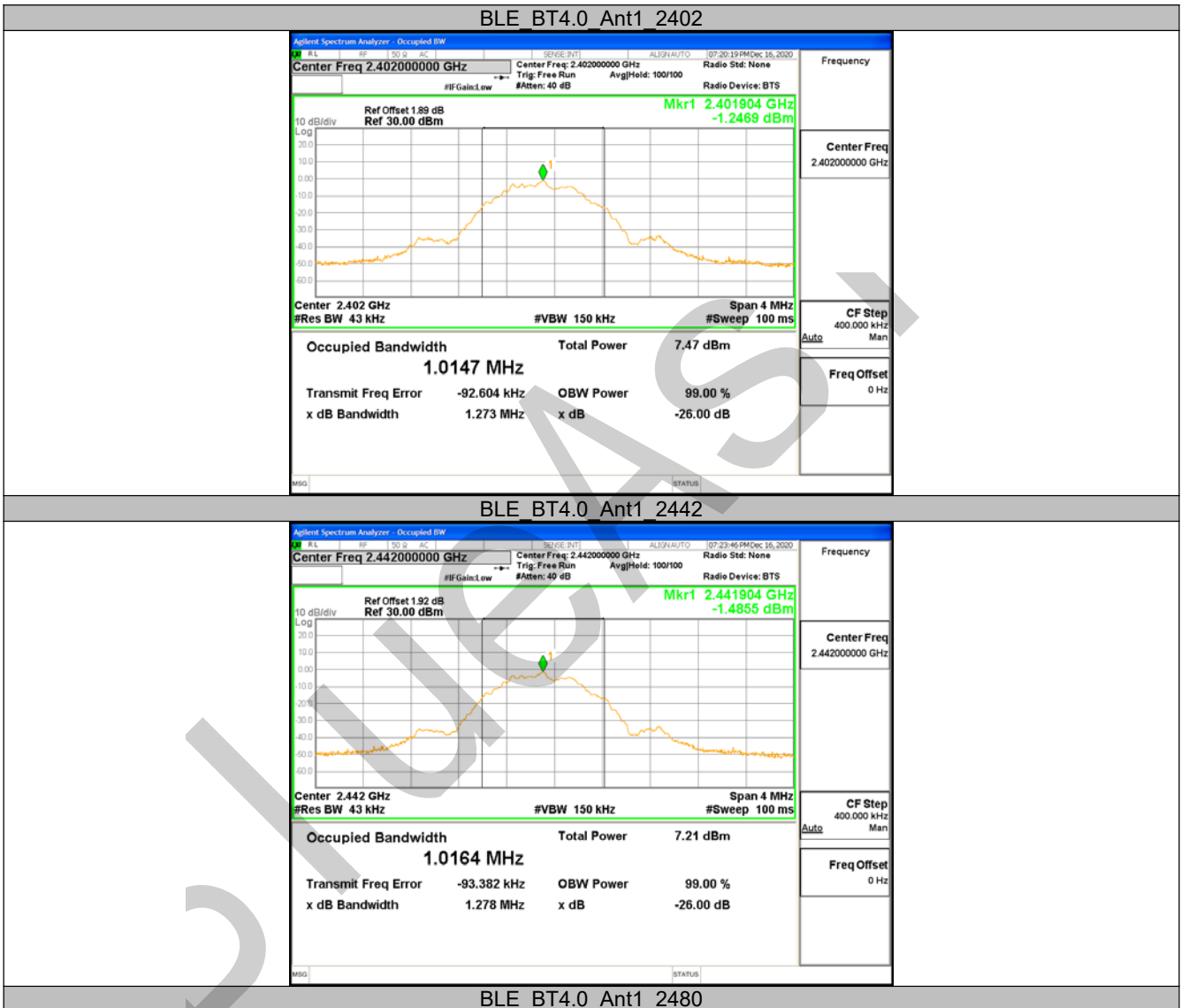


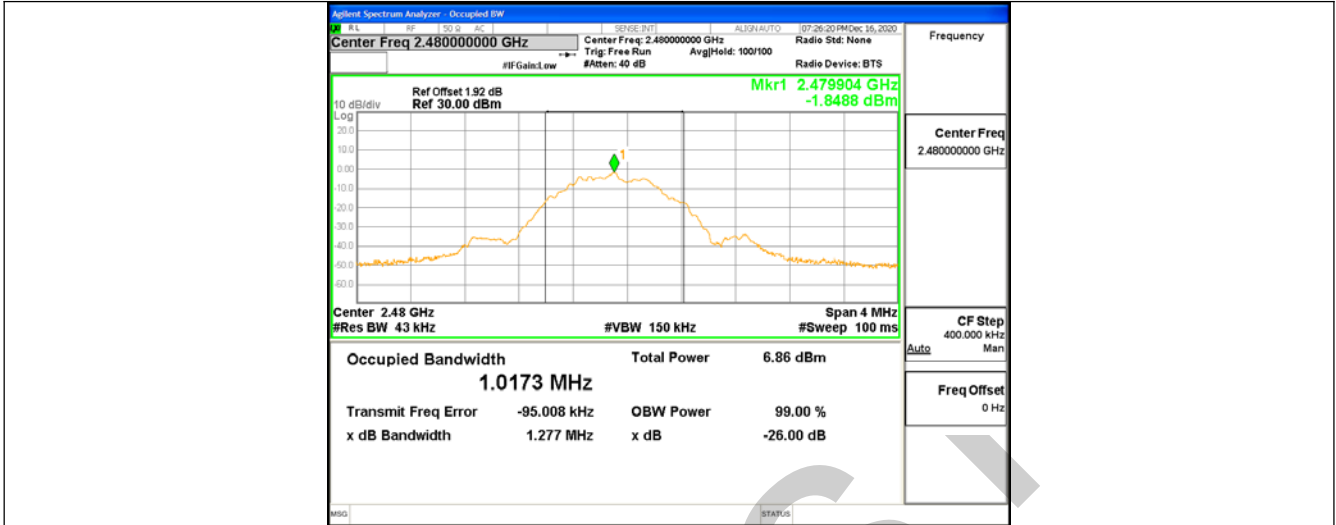
10.2 APPENDIX: OCCUPIED CHANNEL BANDWIDTH

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
BLE_BT4.0	Ant1	2402	1.0147	2401.400	2402.415	---	PASS
		2442	1.0164	2441.398	2442.415	---	PASS
		2480	1.0173	2479.396	2480.414	---	PASS

Test Graphs





BlueASIA

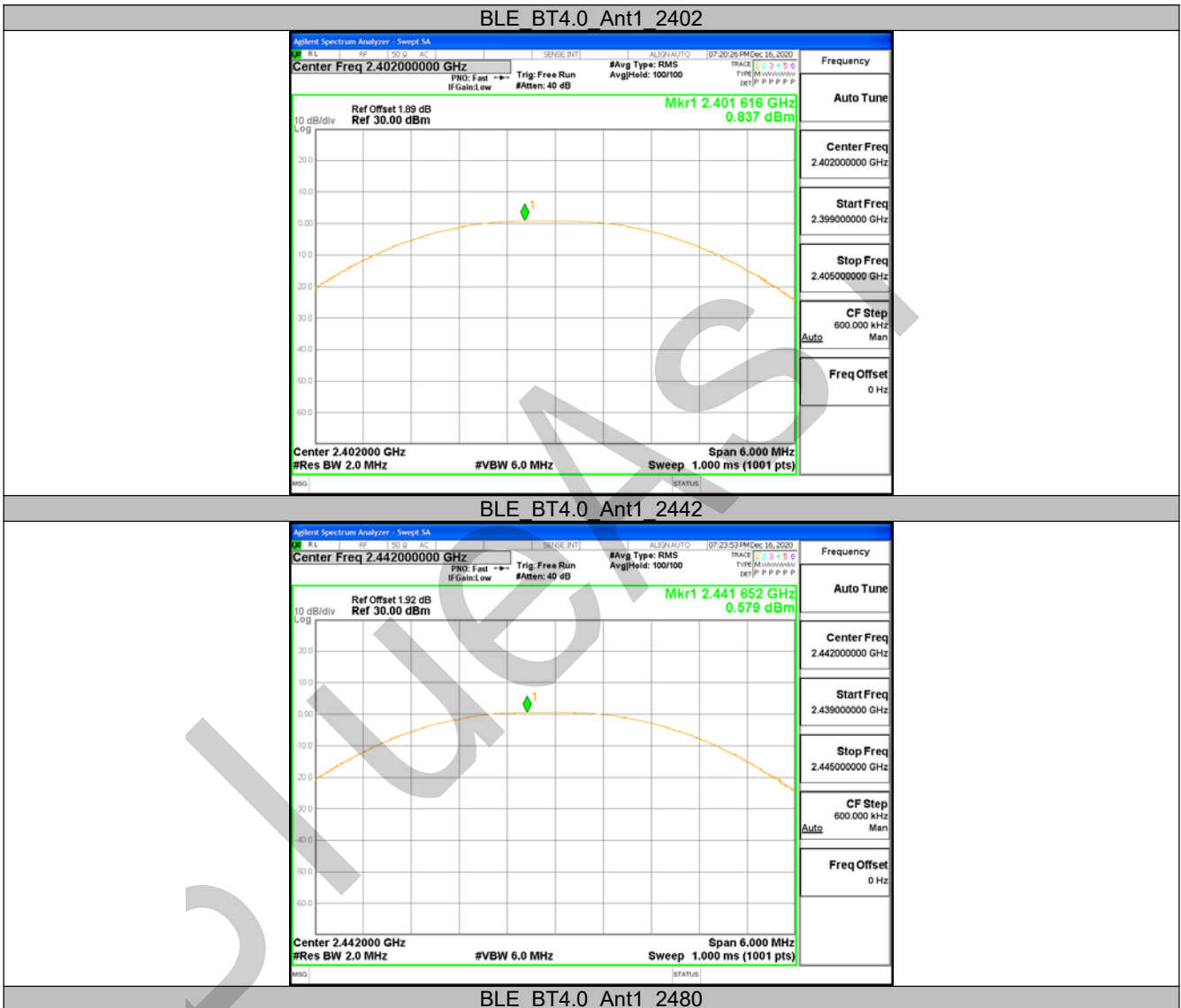
10.3 APPENDIX: MAXIMUM CONDUCTED OUTPUT POWER

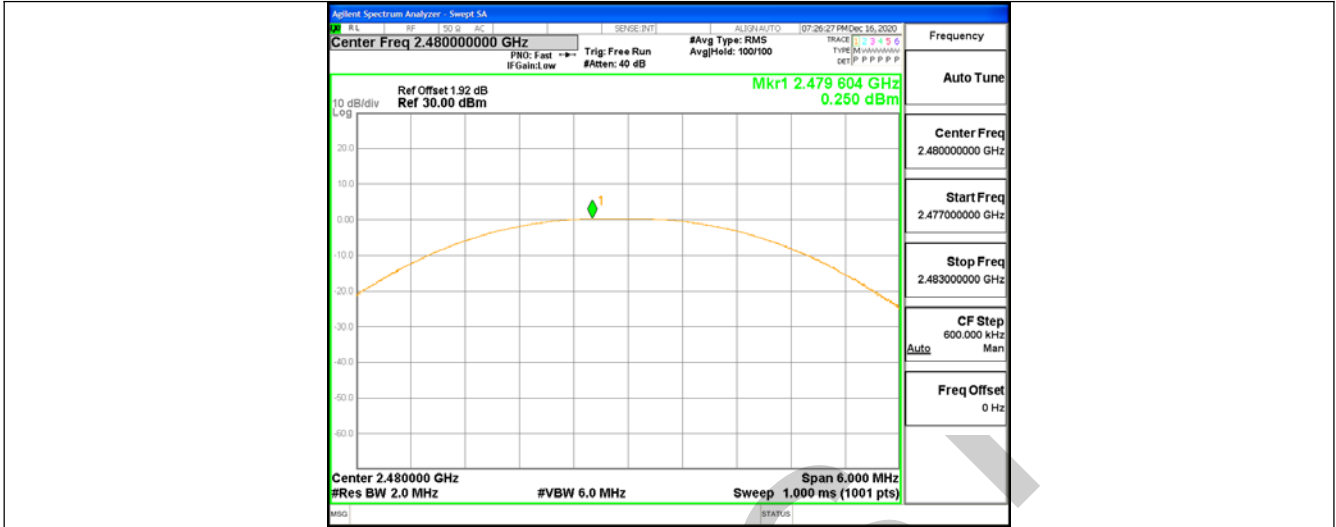
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
BLE_BT4.0	Ant1	2402	0.84	<=30	PASS
		2442	0.58	<=30	PASS
		2480	0.25	<=30	PASS

BlueAsia

Test Graphs





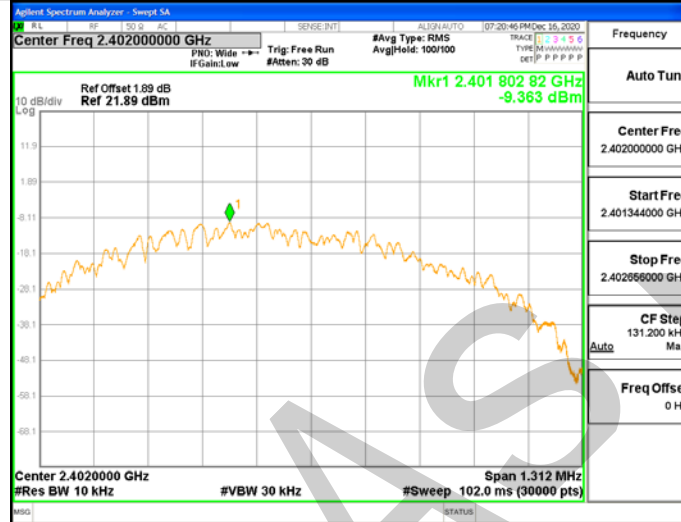
10.4 APPENDIX: MAXIMUM POWER SPECTRAL DENSITY

Test Result

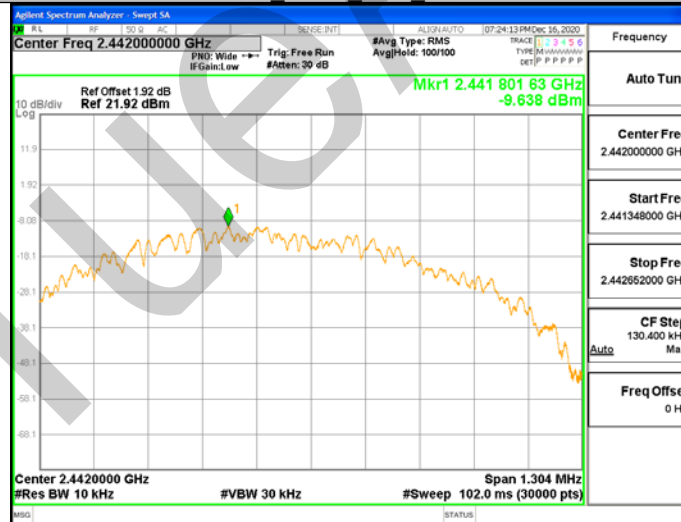
TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_BT4.0	Ant1	2402	-9.36	<=8	PASS
		2442	-9.64	<=8	PASS
		2480	-9.9	<=8	PASS

Test Graphs

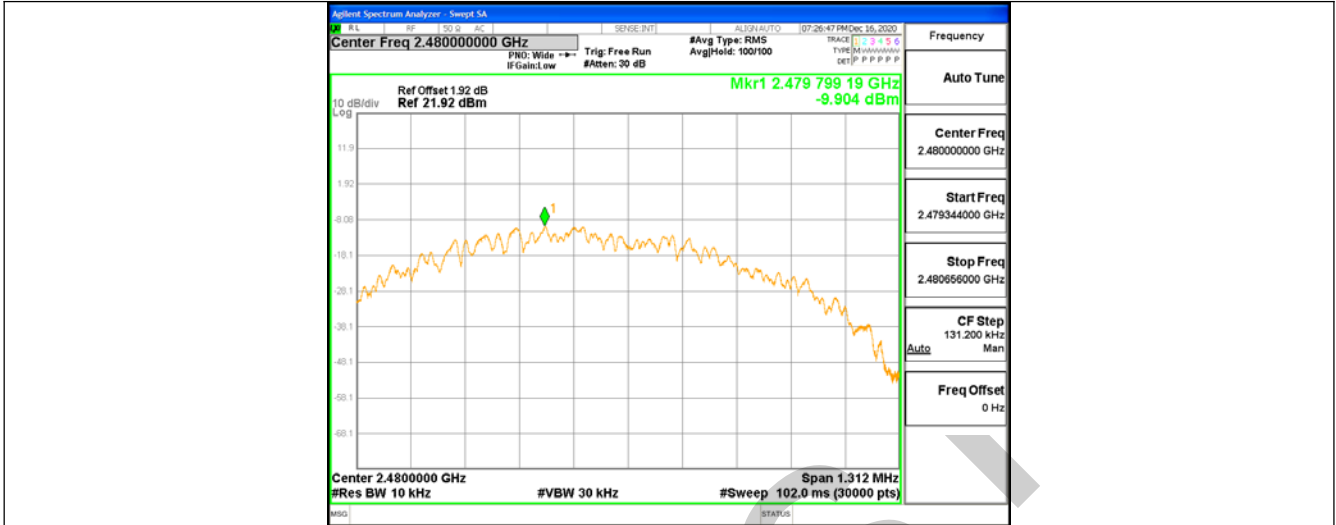
BLE BT4.0 Ant1 2402



BLE BT4.0 Ant1 2442



BLE BT4.0 Ant1 2480

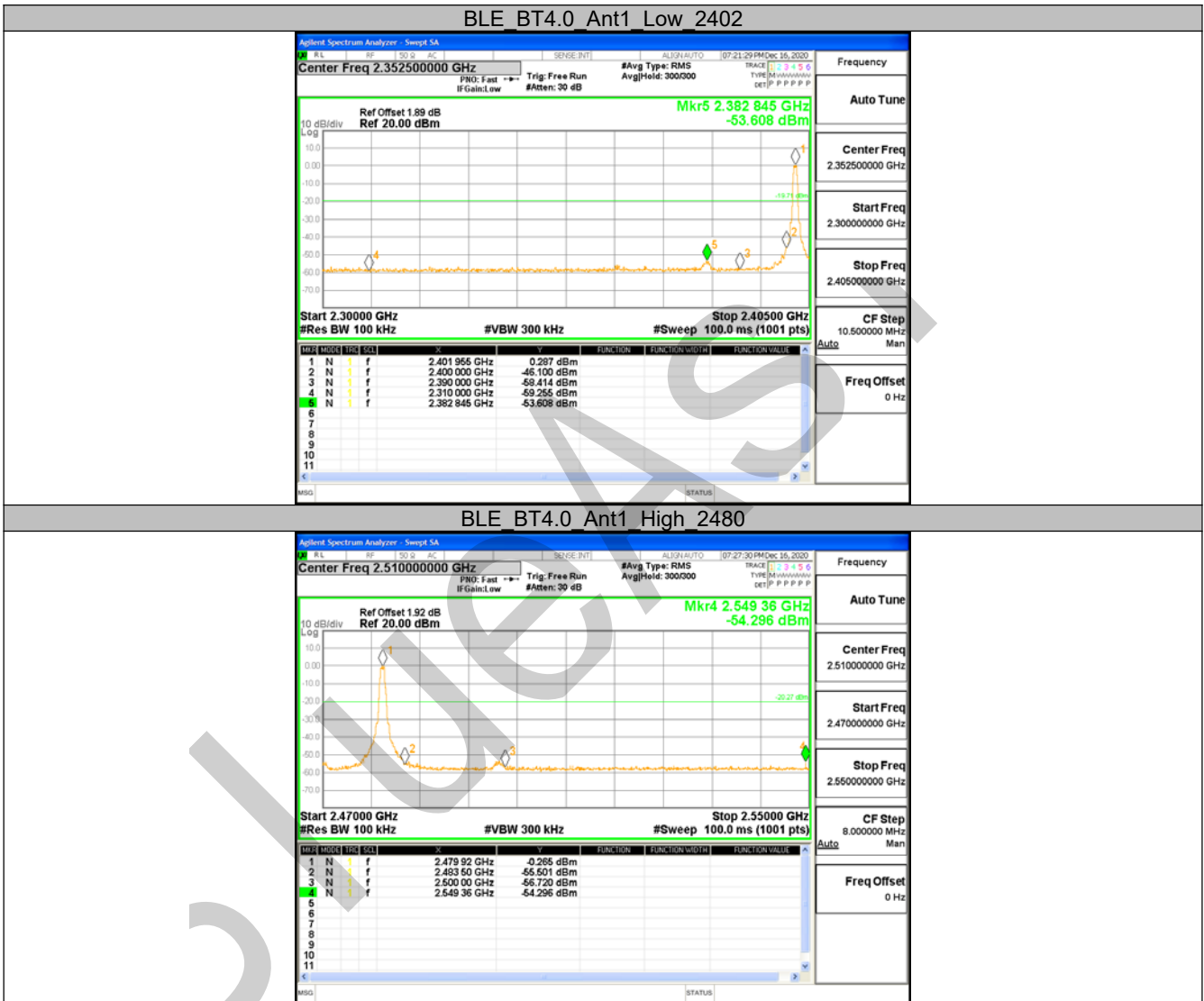


10.5 APPENDIX: BAND EDGE MEASUREMENTS

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_BT4.0	Ant1	Low	2402	0.29	-53.61	<=-19.71	PASS
		High	2480	-0.27	-54.3	<=-20.27	PASS

Test Graphs



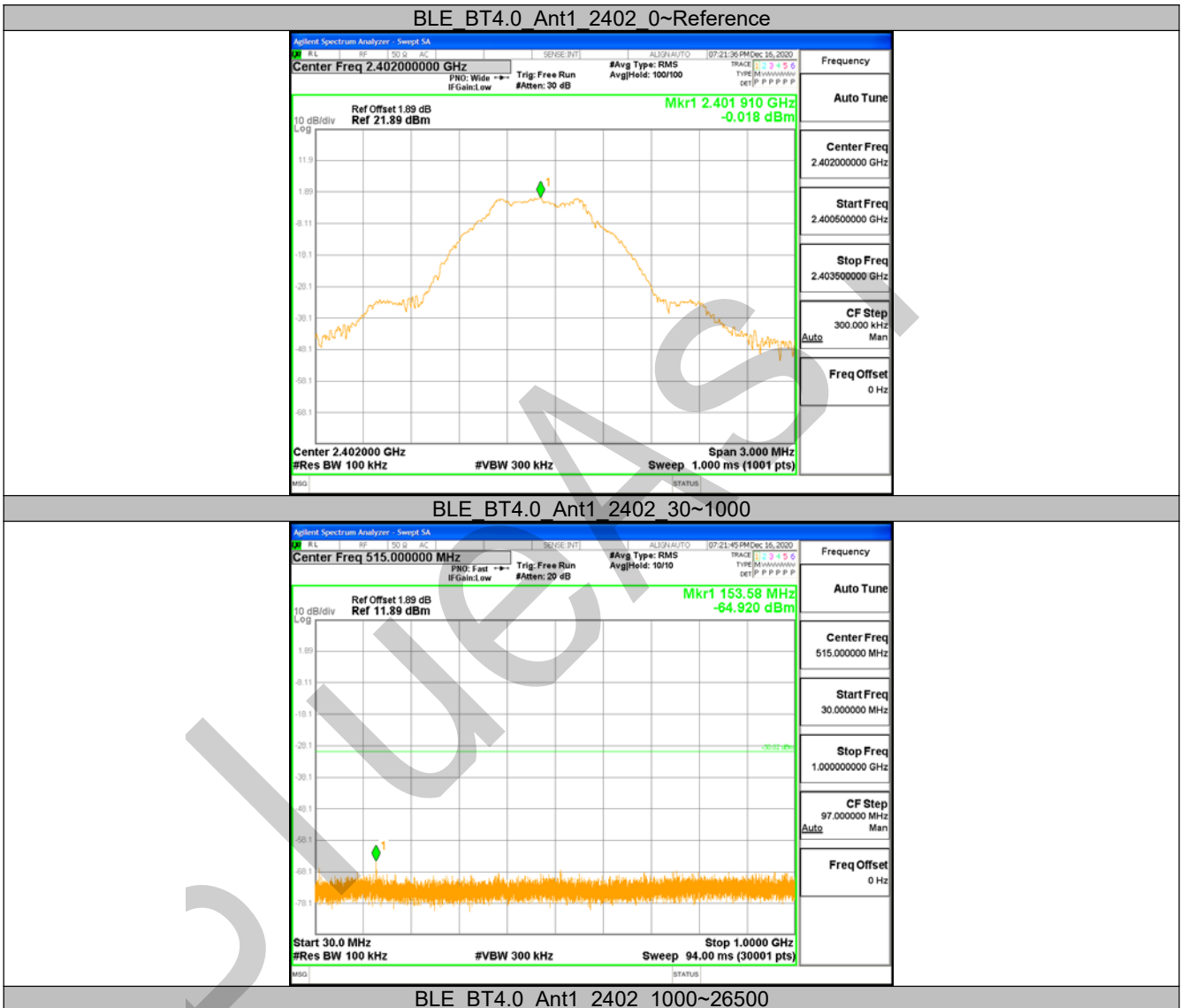
10.6 APPENDIX: CONDUCTED SPURIOUS EMISSION

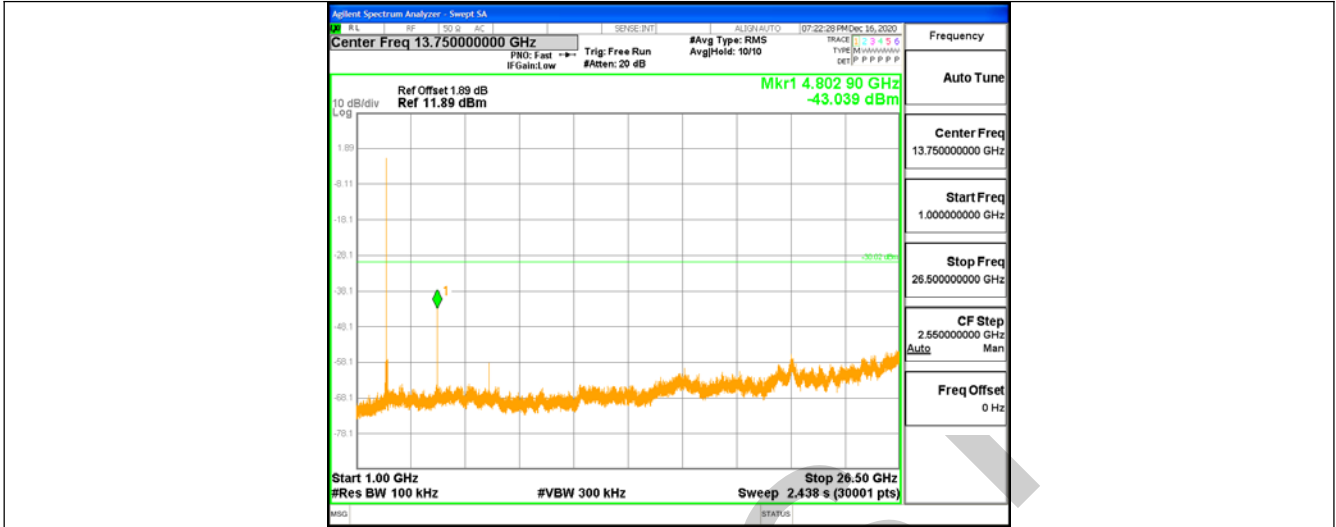
Test Result

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_BT4.0	Ant1	2402	Reference	-0.02	-0.02	---	PASS
			30~1000	30~1000	-64.92	<=-30.018	PASS
			1000~26500	1000~26500	-43.039	<=-30.018	PASS
		2442	Reference	-0.34	-0.34	---	PASS
			30~1000	30~1000	-64.809	<=-30.342	PASS
			1000~26500	1000~26500	-45.153	<=-30.342	PASS
		2480	Reference	-0.22	-0.22	---	PASS
			30~1000	30~1000	-64.445	<=-30.217	PASS
			1000~26500	1000~26500	-45.083	<=-30.217	PASS

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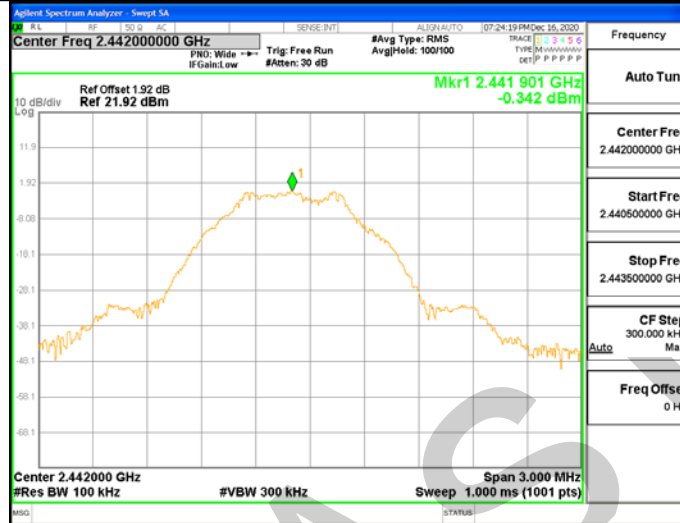
Test Graphs



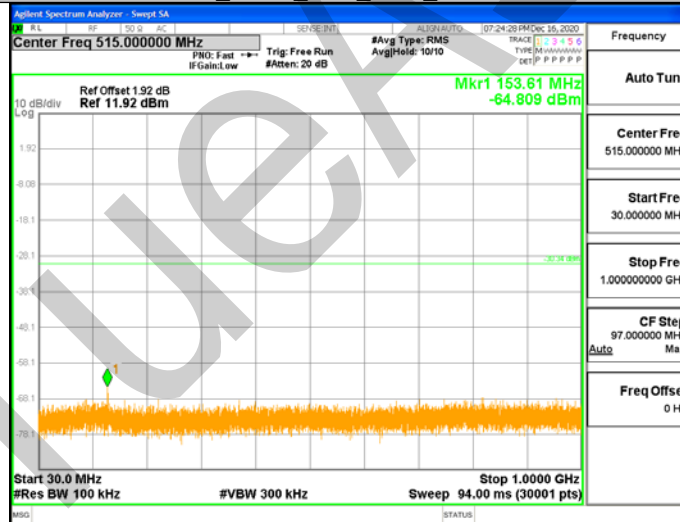


BlueAS

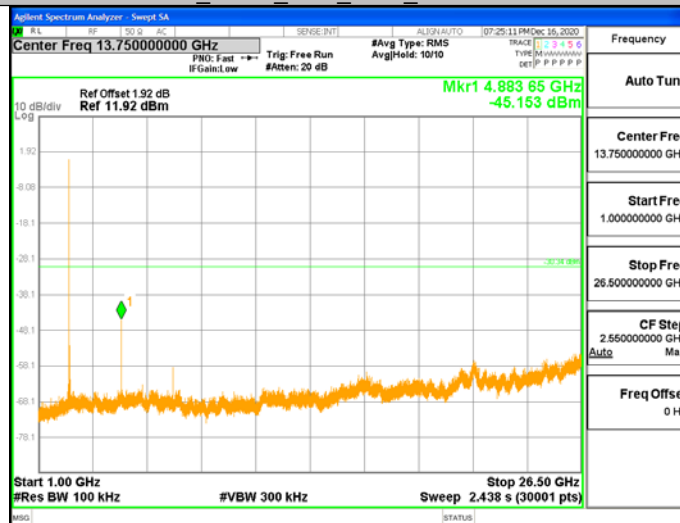
BLE BT4.0 Ant1 2442 0~Reference



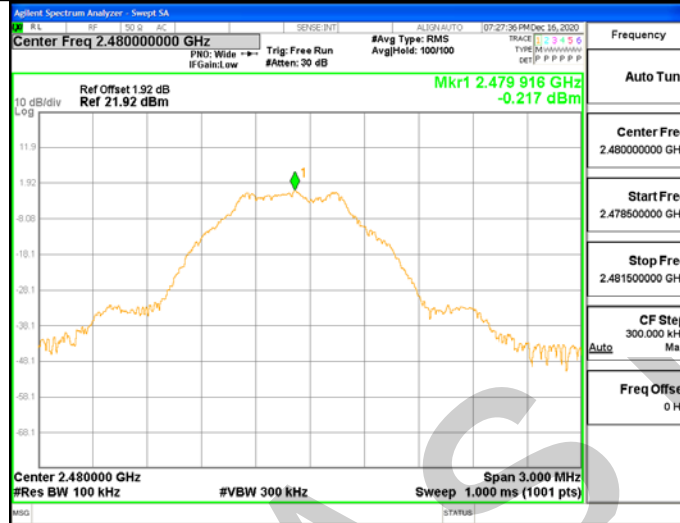
BLE BT4.0 Ant1 2442 30~1000



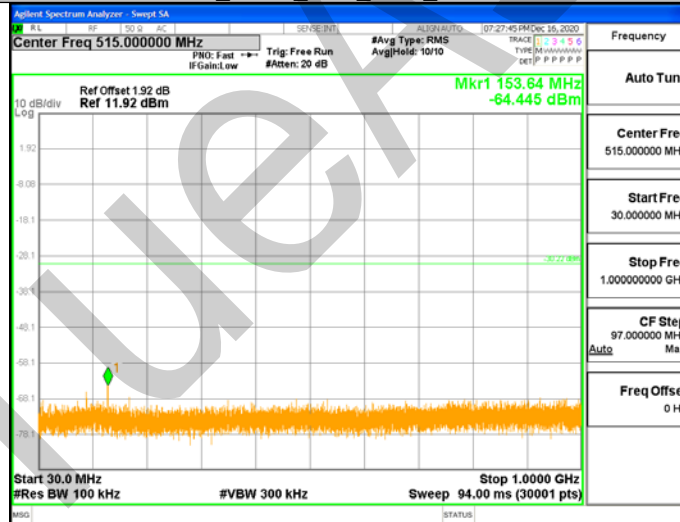
BLE BT4.0 Ant1 2442 1000~26500



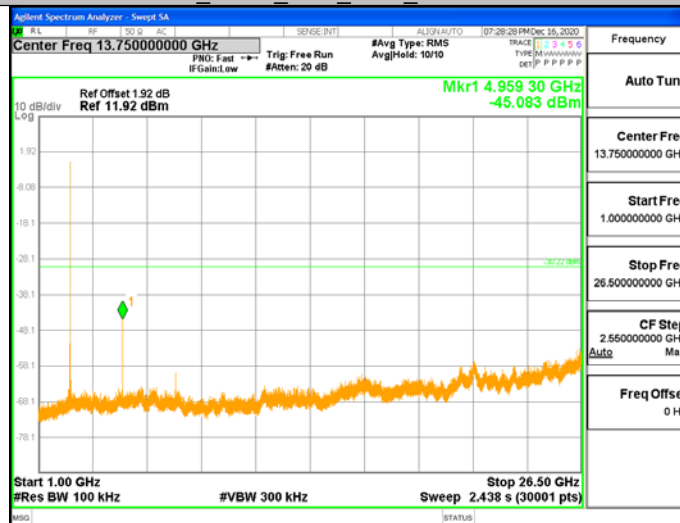
BLE BT4.0 Ant1 2480 0~Reference



BLE BT4.0 Ant1 2480 30~1000

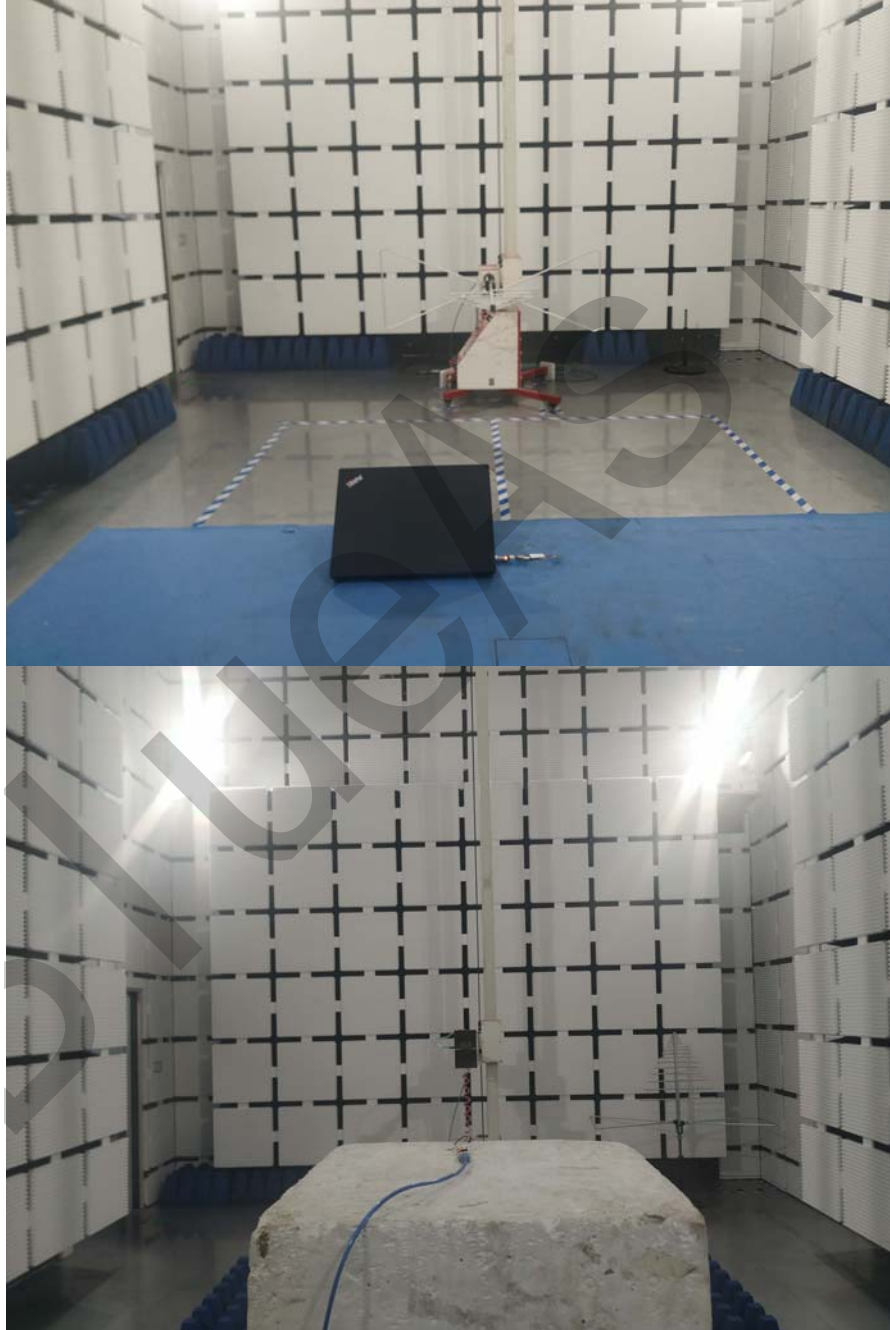


BLE BT4.0 Ant1 2480 1000~26500



APPENDIX A: PHOTOGRAPHS OF TEST SETUP

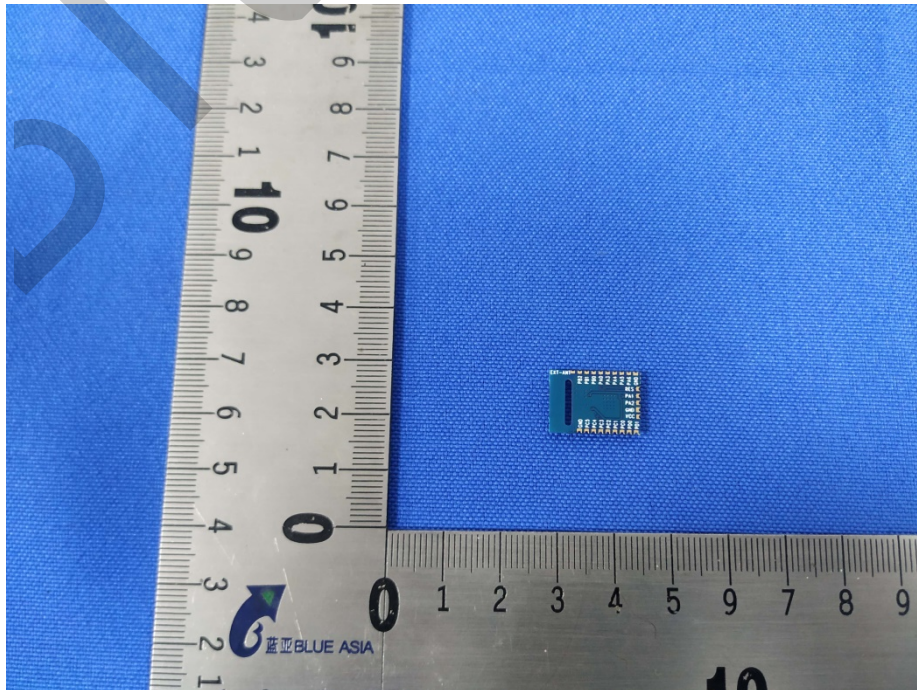
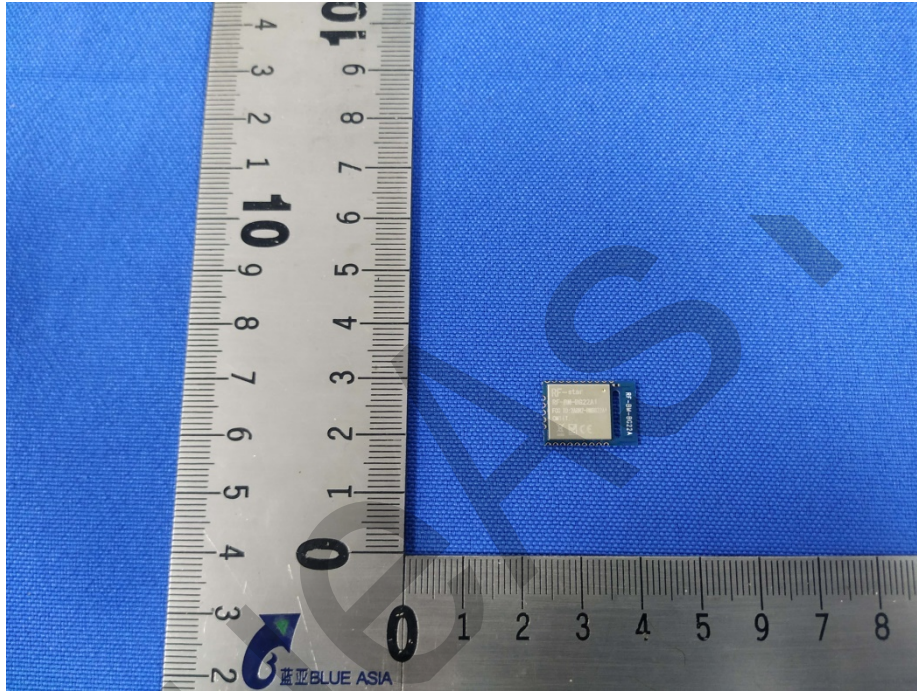
Radiated Spurious Emissions

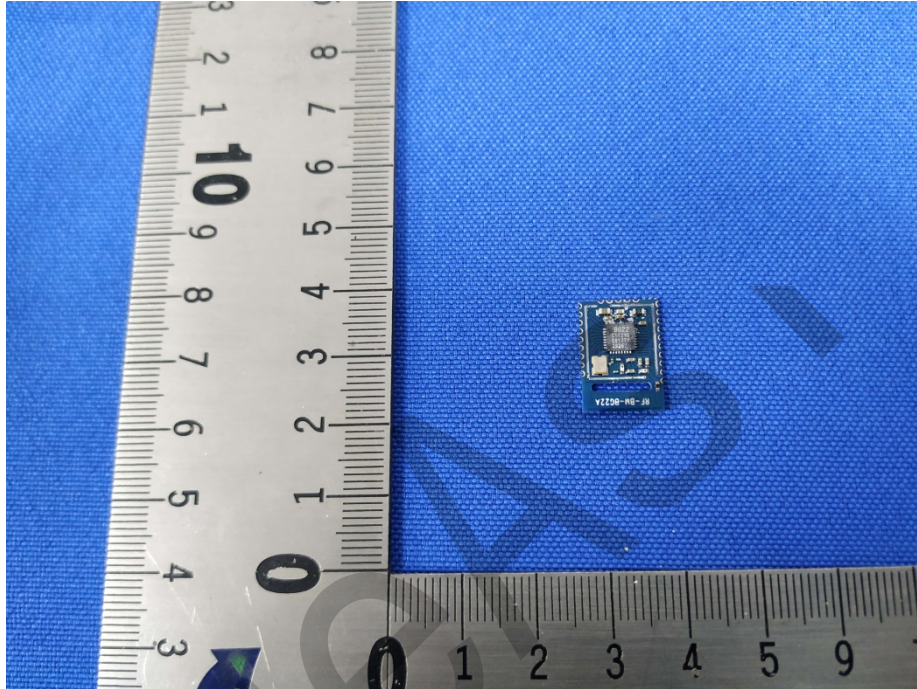


Conducted Emissions at AC Power Line (150kHz-30MHz)



APPENDIX B: PHOTOGRAPHS OF EUT





----END OF REPORT----

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