

Appendix for BLE mode

Product Name: AVID

Model No: AVID1

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.672	2401.668	2402.340	0.5	PASS
BLE_1M	Ant1	2440	0.724	2439.648	2440.372	0.5	PASS
BLE_1M	Ant1	2480	0.676	2479.680	2480.356	0.5	PASS

Test Graphs

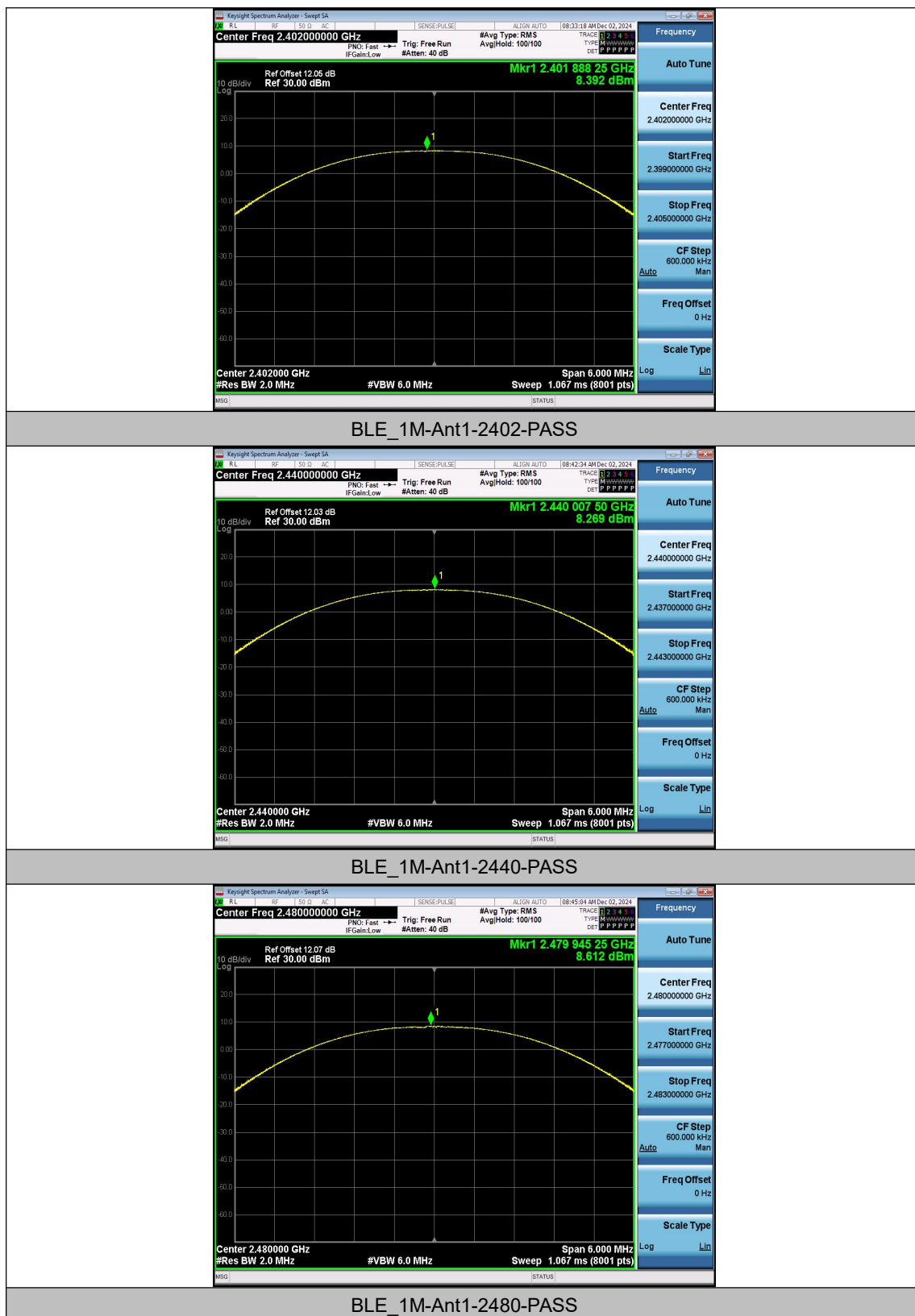


Appendix B: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	8.39	≤30	PASS
BLE_1M	Ant1	2440	8.27	≤30	PASS
BLE_1M	Ant1	2480	8.61	≤30	PASS

Test Graphs Peak

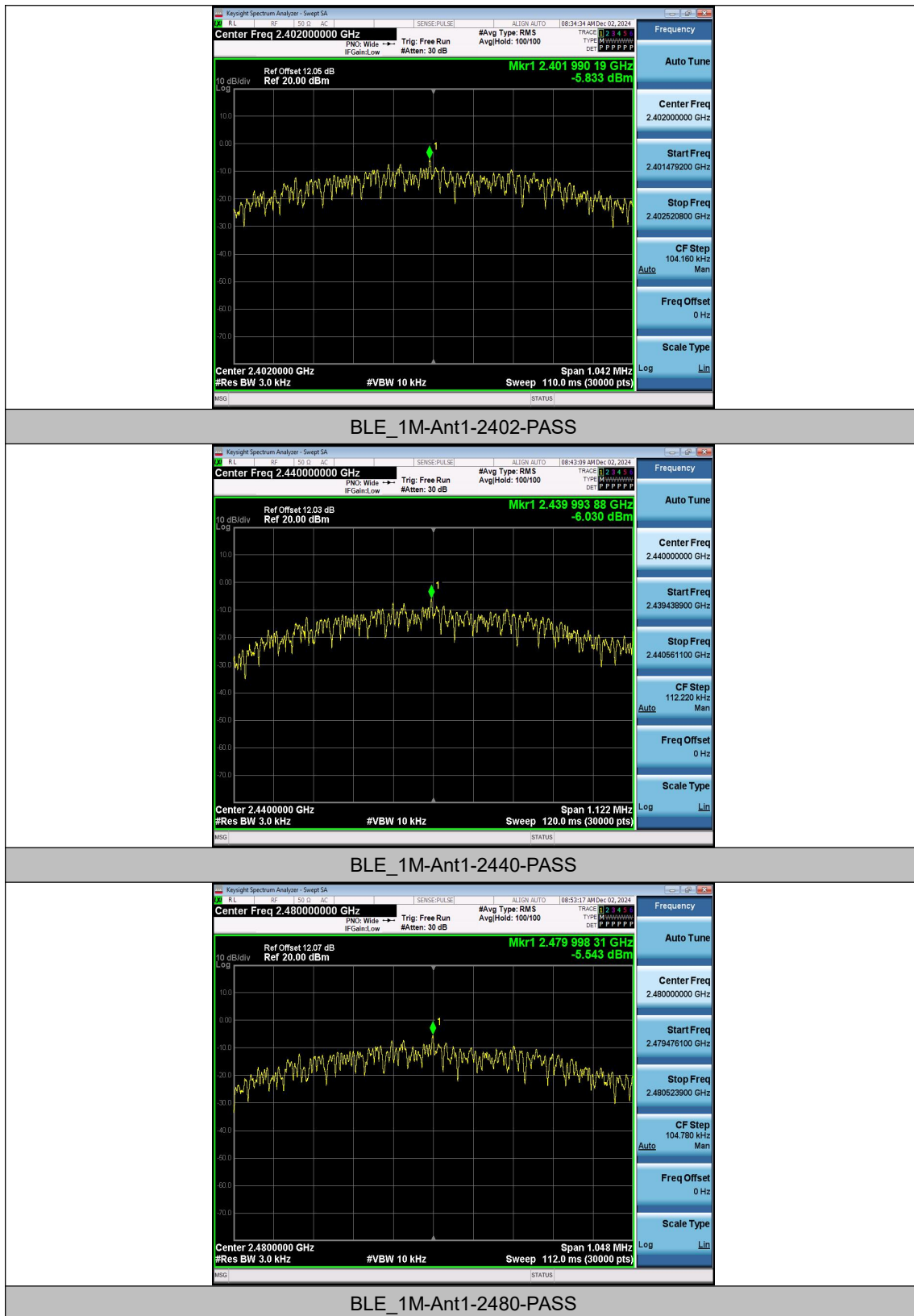


Appendix C: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-5.83	≤8.00	PASS
BLE_1M	Ant1	2440	-6.03	≤8.00	PASS
BLE_1M	Ant1	2480	-5.54	≤8.00	PASS

Test Graphs



Appendix D: Reference level measurement

Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
BLE_1M	Ant1	2402	2401.99	7.54
BLE_1M	Ant1	2440	2439.99	7.37
BLE_1M	Ant1	2480	2480.00	7.79

Test Graphs



Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	7.54	-47.19	≤ -12.46	PASS
BLE_1M	Ant1	High	2480	7.79	-46.87	≤ -12.21	PASS

Test Graphs



Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	30~1000	7.54	-54.35	≤-12.46	PASS
BLE_1M	Ant1	2402	1000~26500	7.54	-43.81	≤-12.46	PASS
BLE_1M	Ant1	2440	30~1000	7.37	-55.05	≤-12.63	PASS
BLE_1M	Ant1	2440	1000~26500	7.37	-44.13	≤-12.63	PASS
BLE_1M	Ant1	2480	30~1000	7.79	-55.69	≤-12.21	PASS
BLE_1M	Ant1	2480	1000~26500	7.79	-43.83	≤-12.21	PASS

Test Graphs

