



Appendix B: DTS Bandwidth

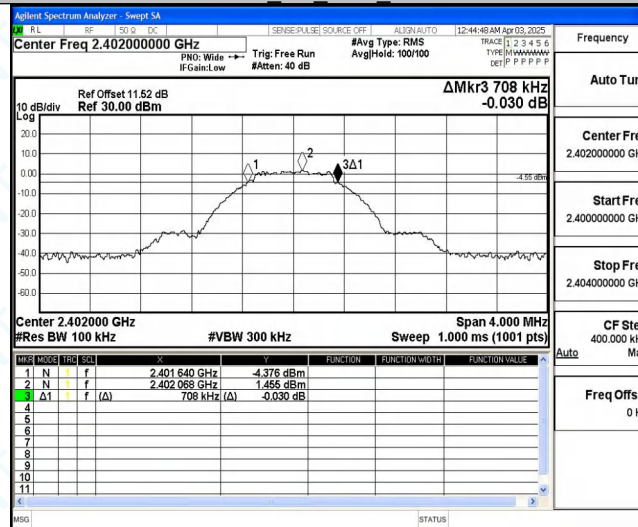
Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.708	2401.640	2402.348	0.5	PASS
		2440	0.652	2439.668	2440.320	0.5	PASS
		2480	0.700	2479.640	2480.340	0.5	PASS
BLE_2M	Ant1	2402	1.064	2401.492	2402.556	0.5	PASS
		2440	1.140	2439.436	2440.576	0.5	PASS
		2480	1.068	2479.472	2480.540	0.5	PASS

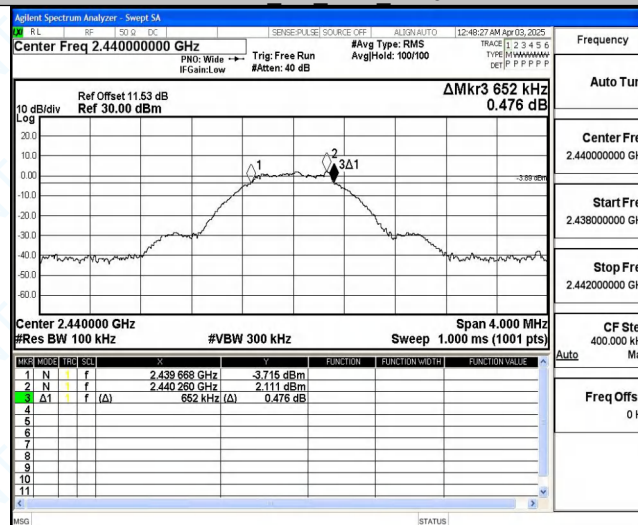


Test Graphs

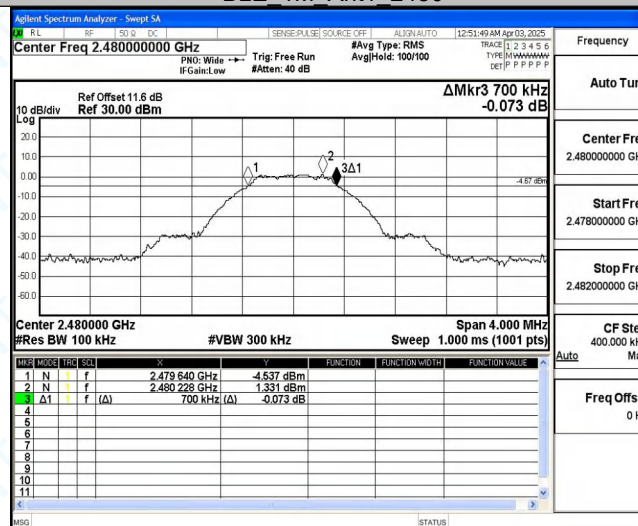
BLE 1M Ant1 2402



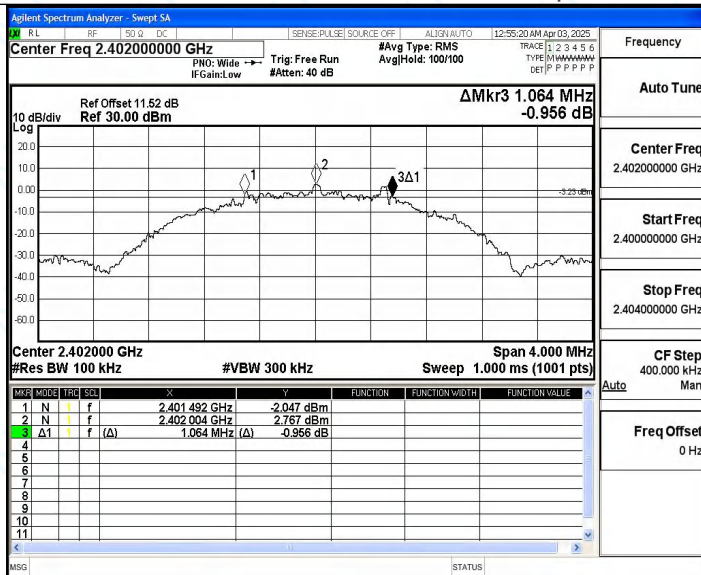
BLE 1M Ant1 2440



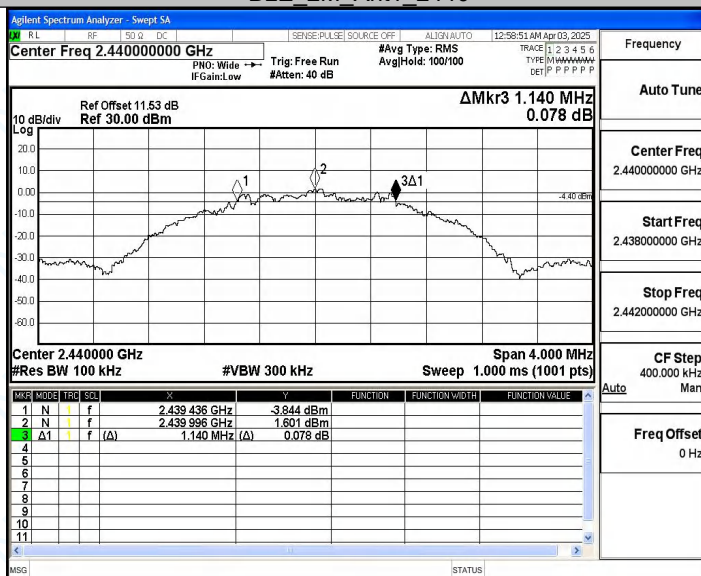
BLE 1M Ant1 2480



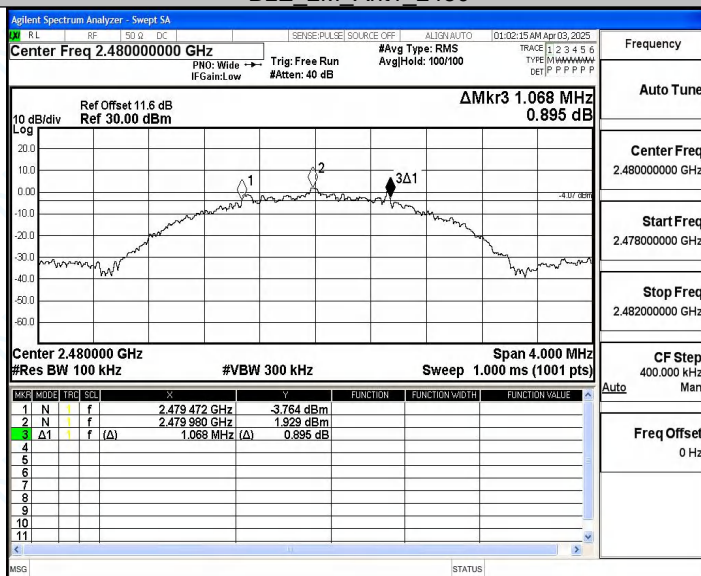
BLE 2M Ant1 2402



BLE 2M Ant1 2440



BLE 2M Ant1 2480





Appendix C: Maximum conducted output power

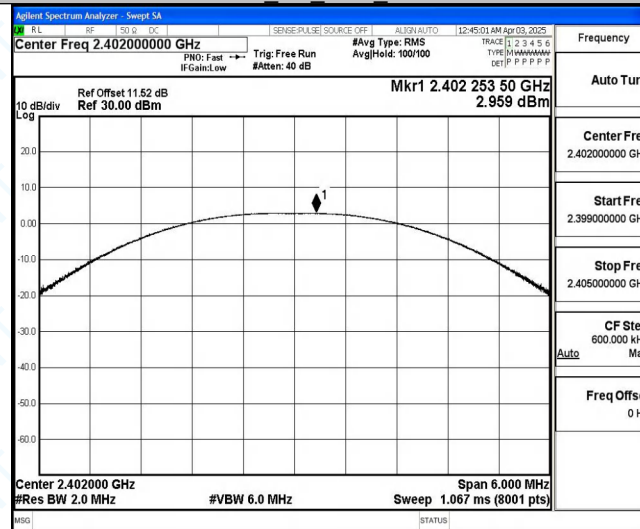
Test Result

TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	2.96	≤30	PASS
		2440	2.80	≤30	PASS
		2480	2.63	≤30	PASS
BLE_2M	Ant1	2402	3.04	≤30	PASS
		2440	2.98	≤30	PASS
		2480	2.86	≤30	PASS

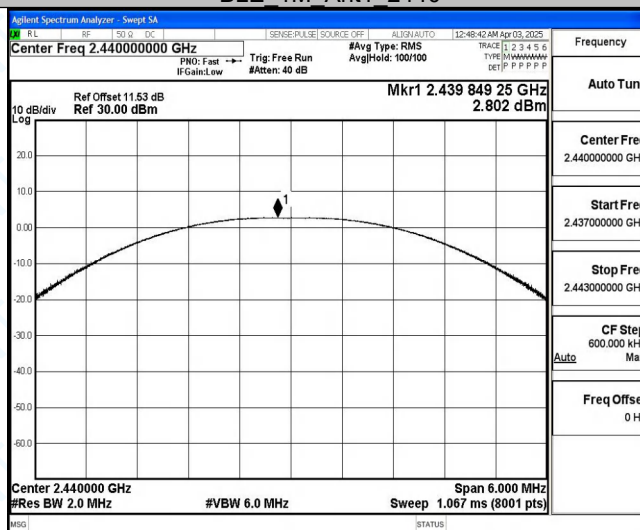


Test Graphs

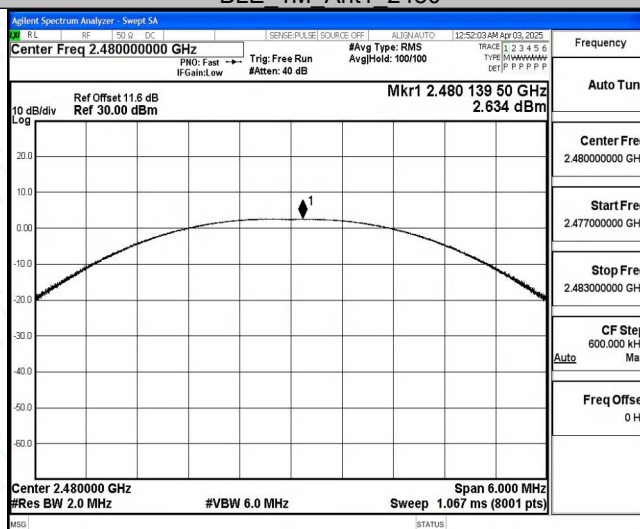
BLE 1M Ant1 2402



BLE 1M Ant1 2440



BLE 1M Ant1 2480



BLE 2M Ant1 2402

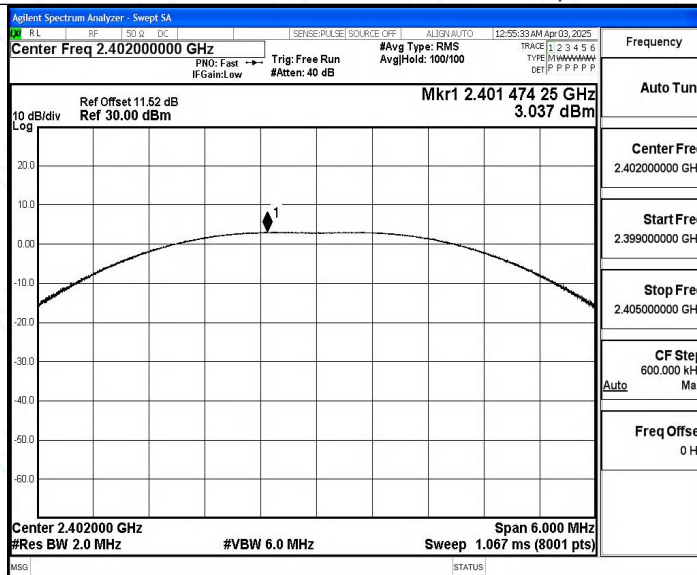
Dongguan DN Testing Co., Ltd.

Add: No. 1, West Fourth Street, Xingfa South Road, Wusha Community, Chang 'an Town, Dongguan City, Guangdong P.R.China

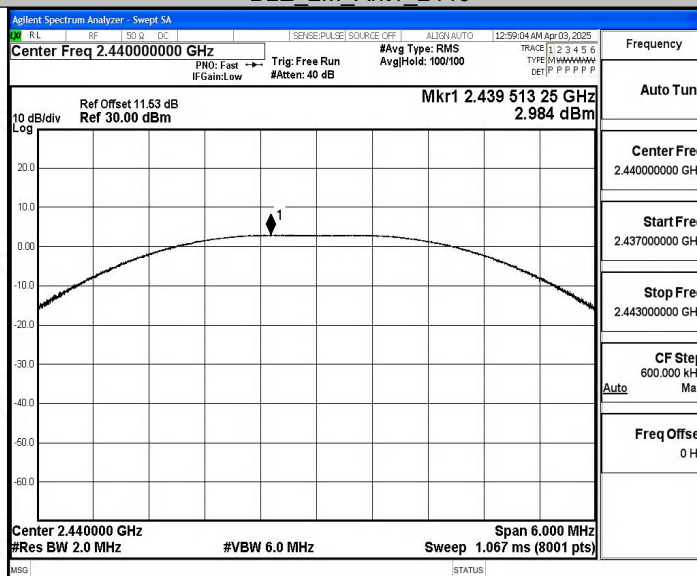
Web: www.dn-testing.com

Tel: +86-769-88087383

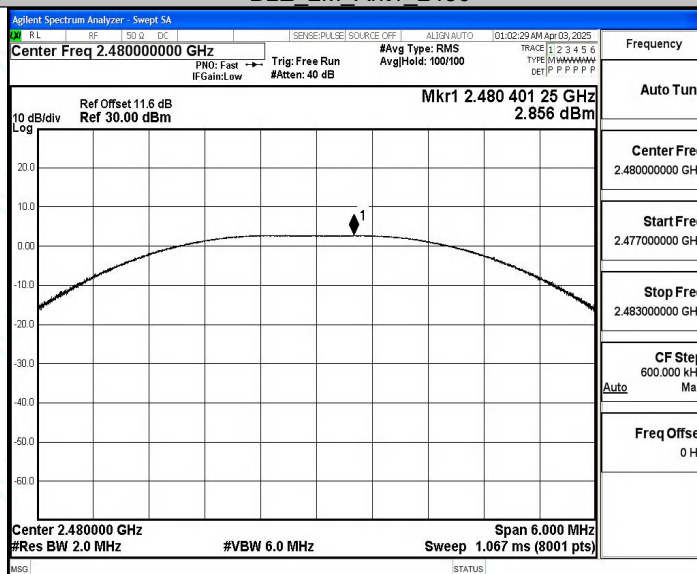
E-mail: service@dn-testing.com



BLE 2M Ant1 2440



BLE 2M Ant1 2480





Appendix D: Maximum power spectral density

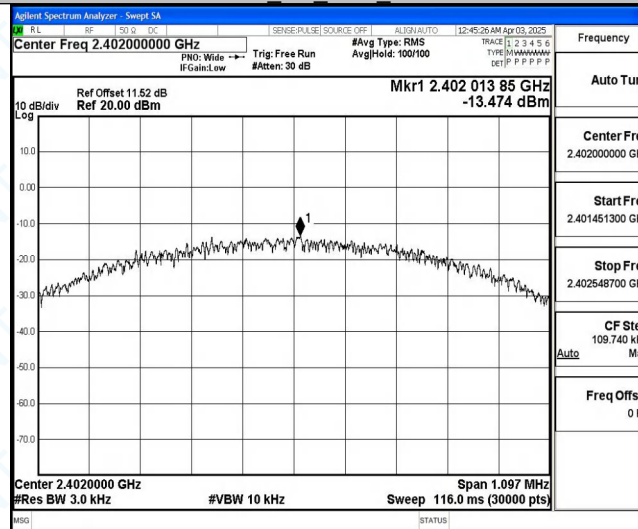
Test Result

TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-13.47	≤8.00	PASS
		2440	-13.60	≤8.00	PASS
		2480	-13.77	≤8.00	PASS
BLE_2M	Ant1	2402	-14.99	≤8.00	PASS
		2440	-15.02	≤8.00	PASS
		2480	-15.25	≤8.00	PASS

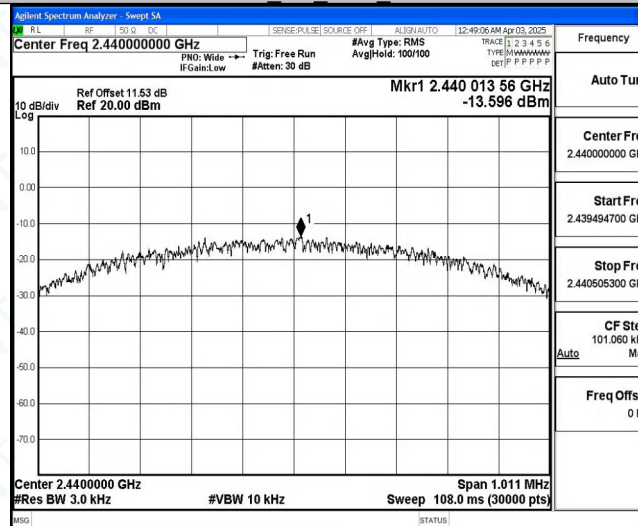


Test Graphs

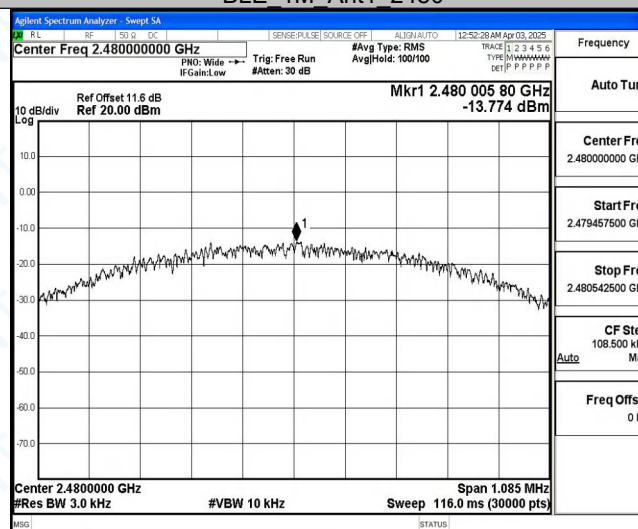
BLE 1M Ant1 2402



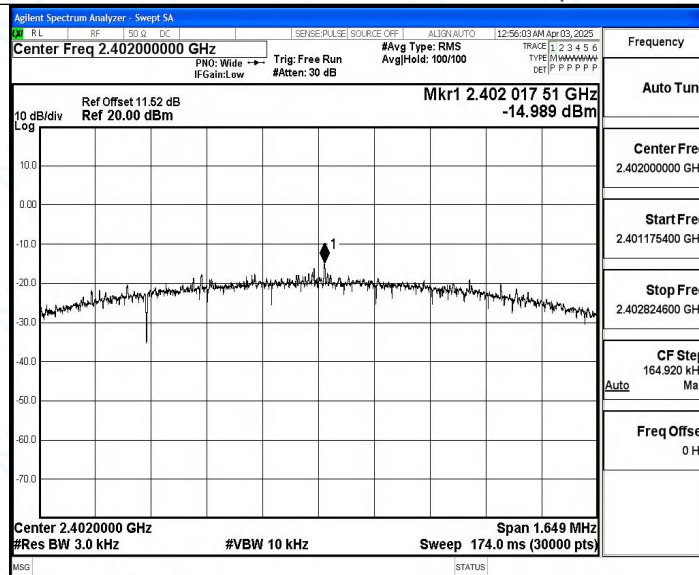
BLE 1M Ant1 2440



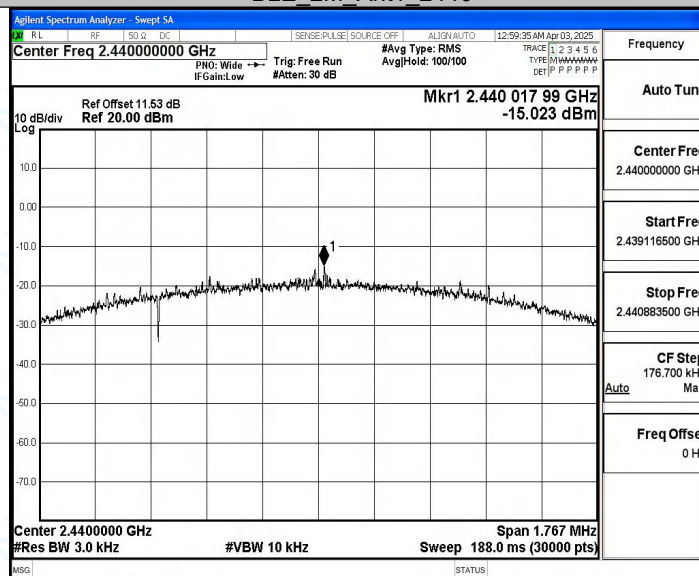
BLE 1M Ant1 2480



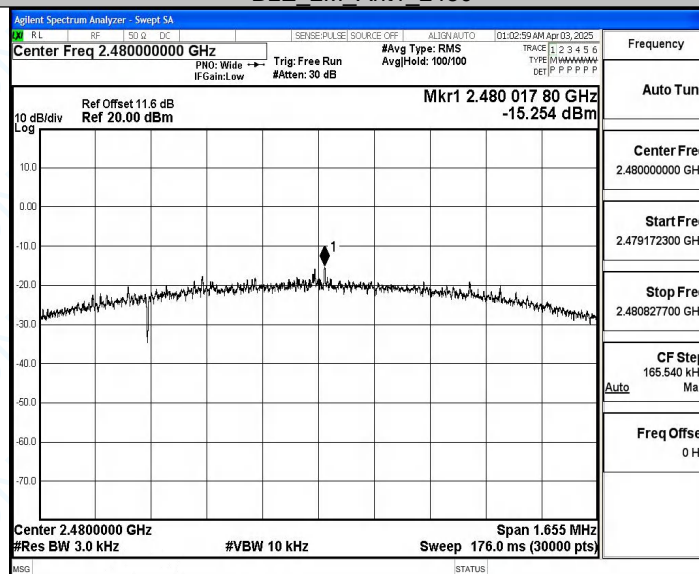
BLE 2M Ant1 2402



BLE 2M Ant1 2440



BLE 2M Ant1 2480





Appendix E: Band edge measurements

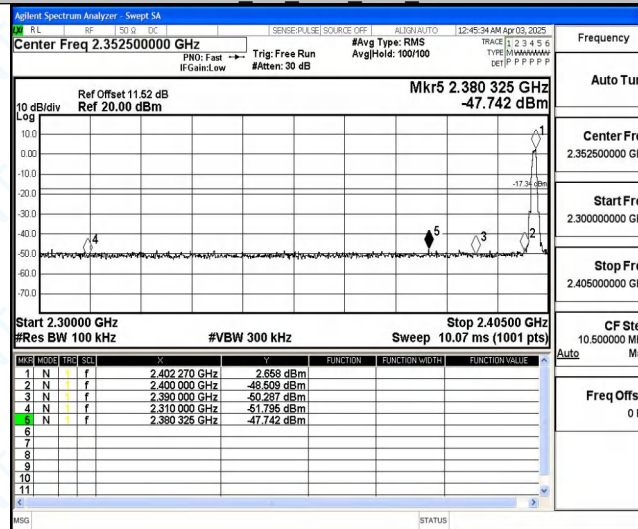
Test Result

TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	2.66	-47.74	≤-17.34	PASS
		High	2480	2.22	-43.41	≤-17.78	PASS
BLE_2M	Ant1	Low	2402	3.00	-33	≤-17	PASS
		High	2480	-0.80	-47.43	≤-20.8	PASS

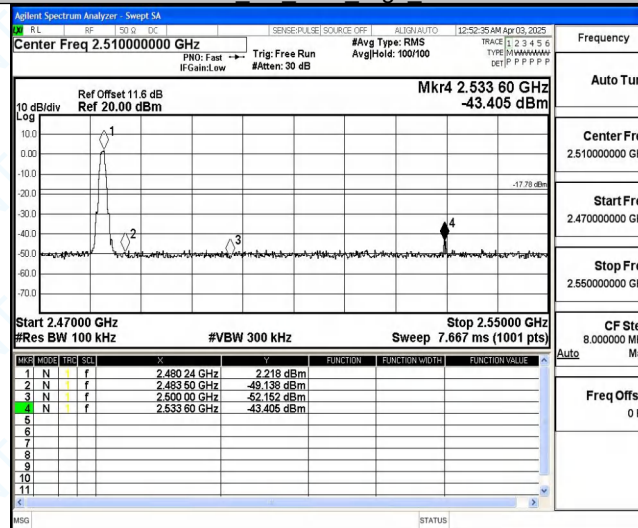


Test Graphs

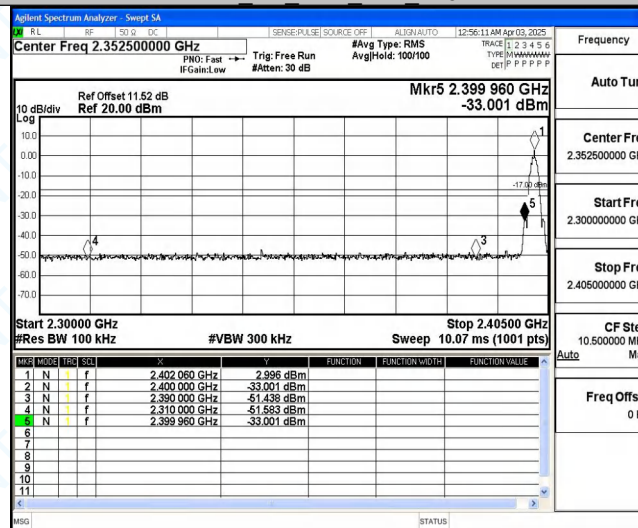
BLE 1M Ant1 Low 2402



BLE 1M Ant1 High 2480



BLE 2M Ant1 Low 2402



BLE 2M Ant1 High 2480

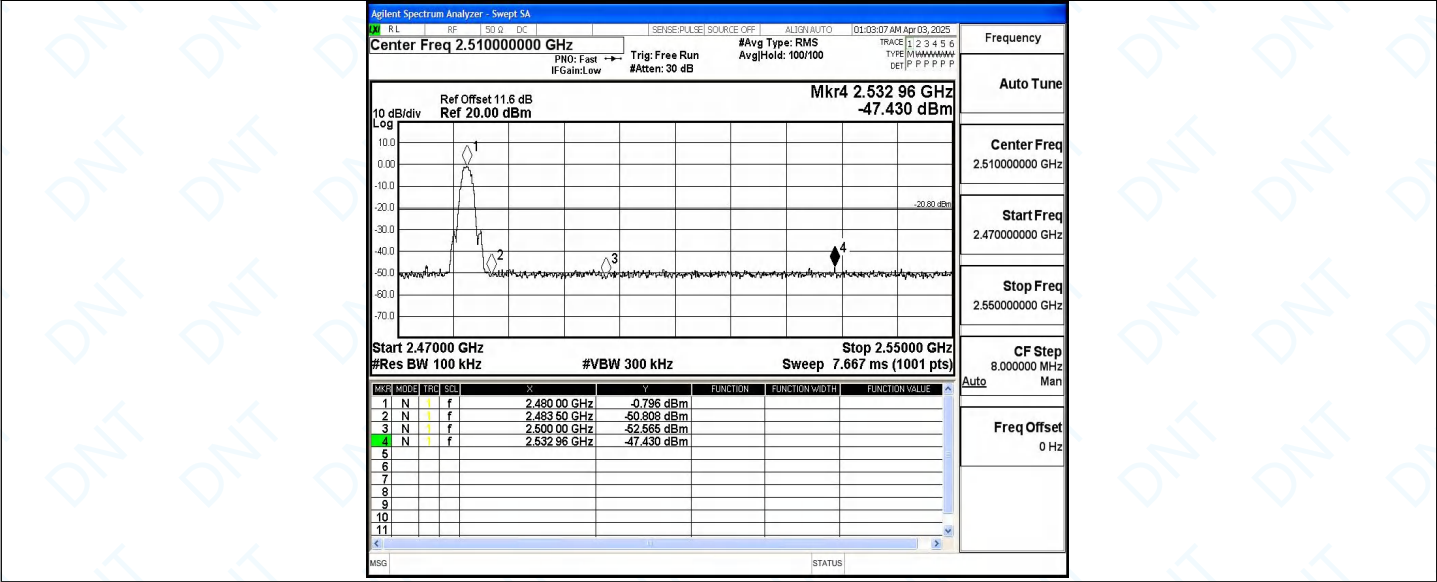
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Appendix F: Conducted Spurious Emission

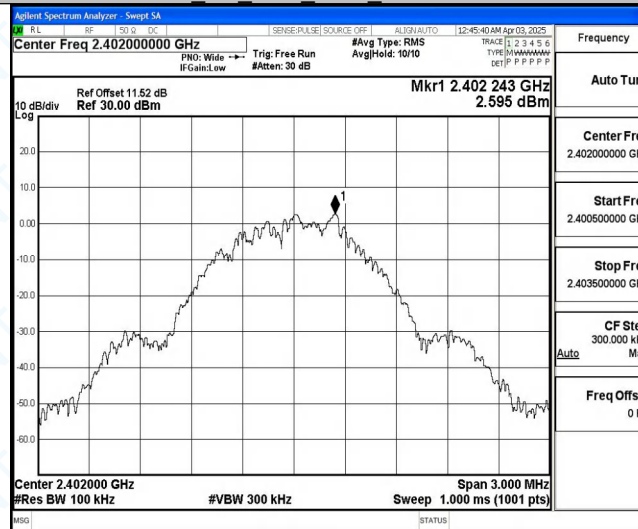
Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	2.60	2.60	---	PASS
			30~1000	2.60	-55.77	≤ -17.4	PASS
			1000~26500	2.60	-41.79	≤ -17.4	PASS
		2440	Reference	1.21	1.21	---	PASS
			30~1000	1.21	-55.49	≤ -18.79	PASS
			1000~26500	1.21	-46.52	≤ -18.79	PASS
		2480	Reference	0.79	0.79	---	PASS
			30~1000	0.79	-54.87	≤ -19.21	PASS
			1000~26500	0.79	-47.05	≤ -19.21	PASS
BLE_2M	Ant1	2402	Reference	-0.94	-0.94	---	PASS
			30~1000	-0.94	-55.9	≤ -20.94	PASS
			1000~26500	-0.94	-46.34	≤ -20.94	PASS
		2440	Reference	-0.53	-0.53	---	PASS
			30~1000	-0.53	-55.67	≤ -20.53	PASS
			1000~26500	-0.53	-47.52	≤ -20.53	PASS
		2480	Reference	-1.78	-1.78	---	PASS
			30~1000	-1.78	-55.09	≤ -21.78	PASS
			1000~26500	-1.78	-49.14	≤ -21.78	PASS

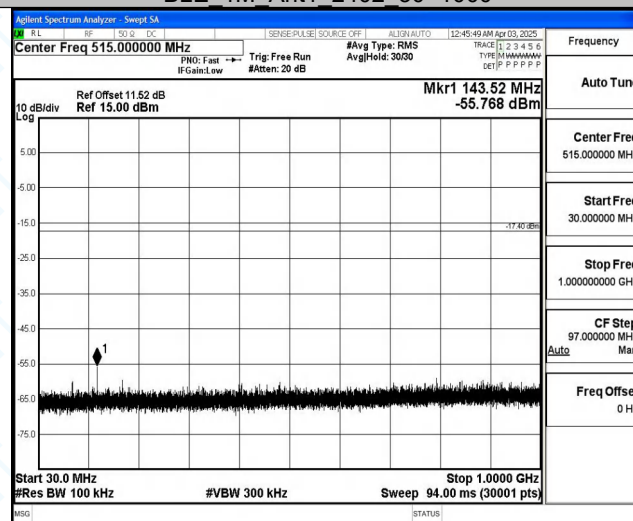


Test Graphs

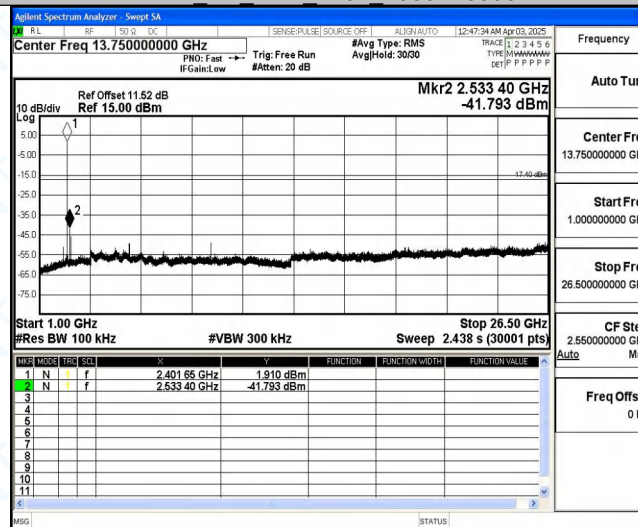
BLE 1M Ant1 2402 0~Reference



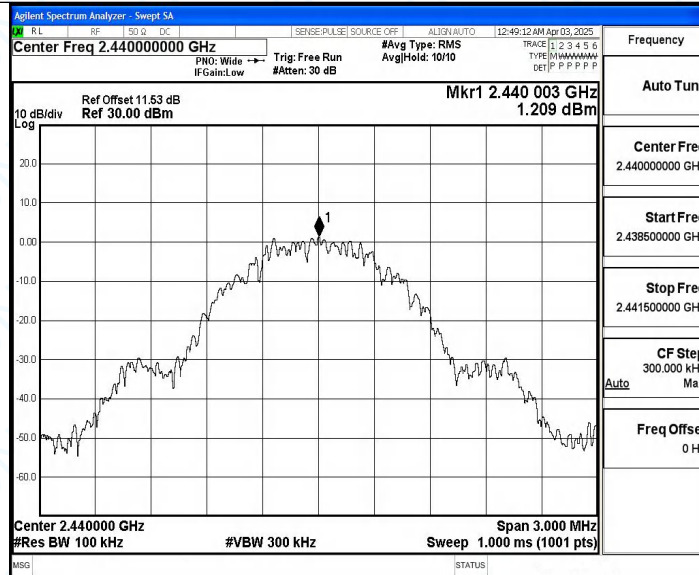
BLE 1M Ant1 2402 30~1000



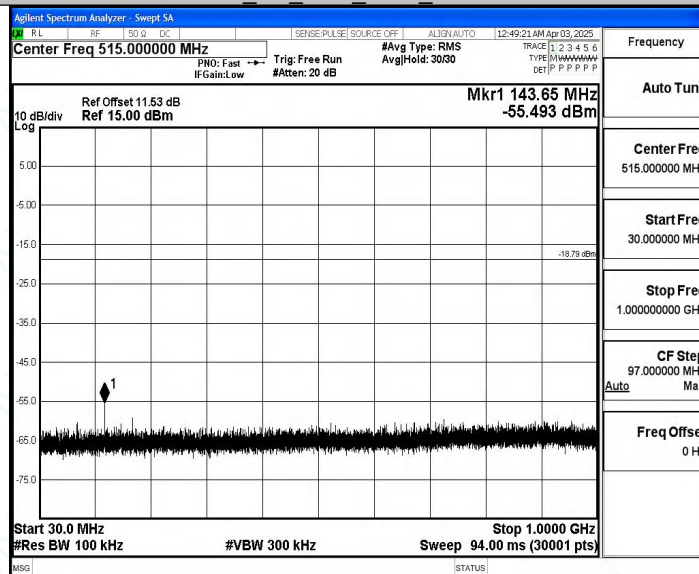
BLE 1M Ant1 2402 1000~26500



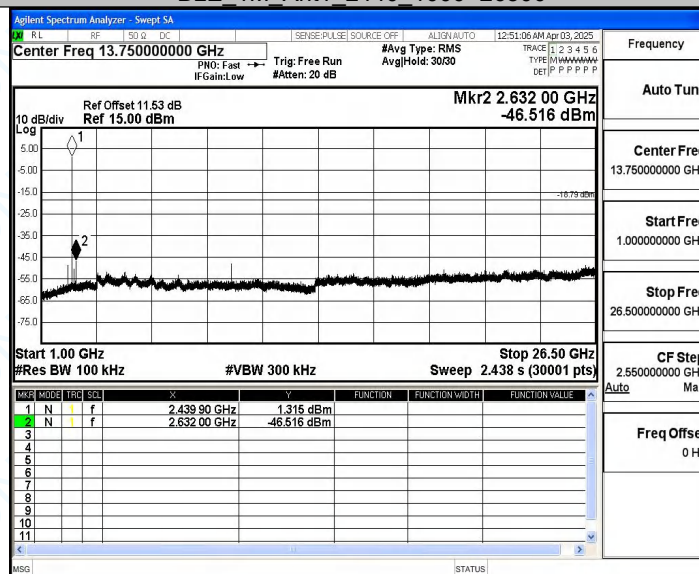
BLE 1M Ant1 2440 0~Reference



BLE 1M Ant1 2440 30~1000

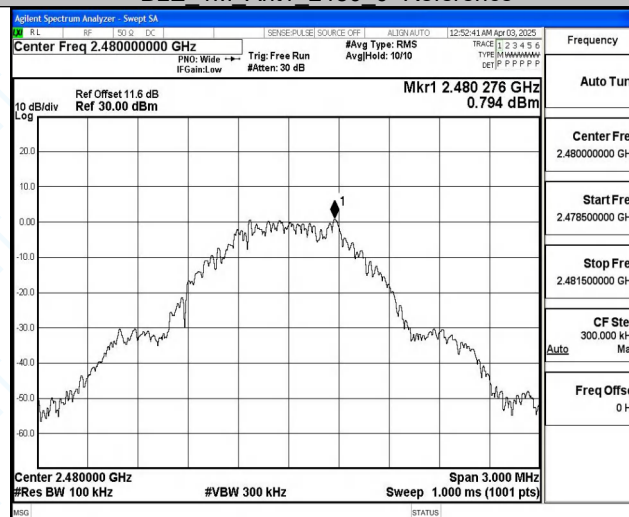


BLE 1M Ant1 2440 1000~26500

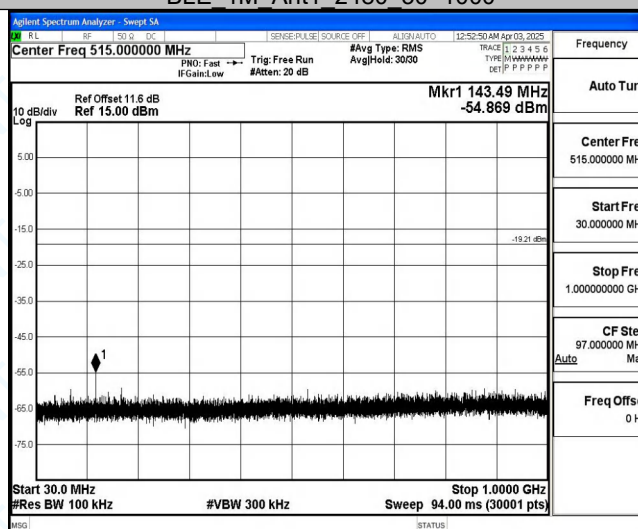




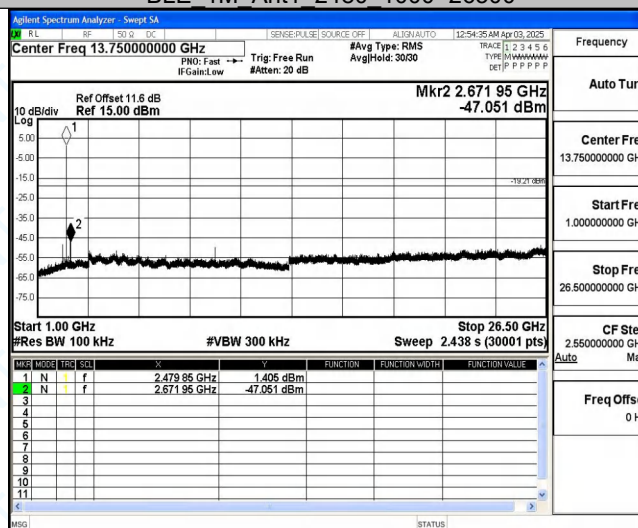
BLE 1M Ant1 2480 0~Reference



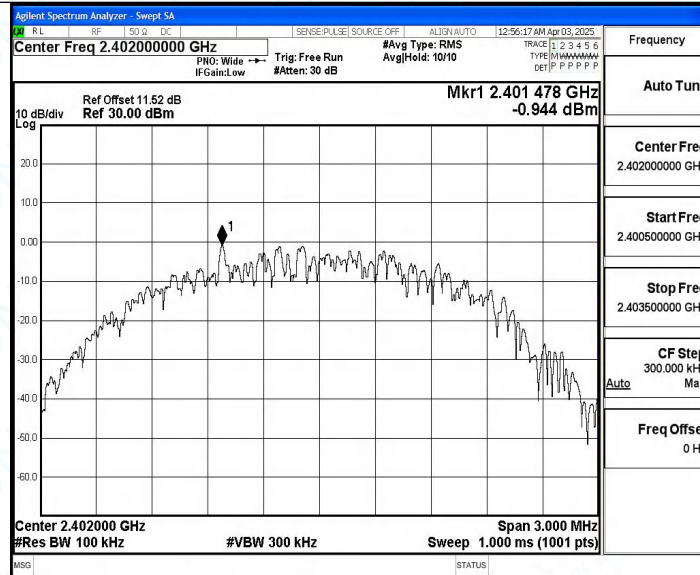
BLE 1M Ant1 2480 30~1000



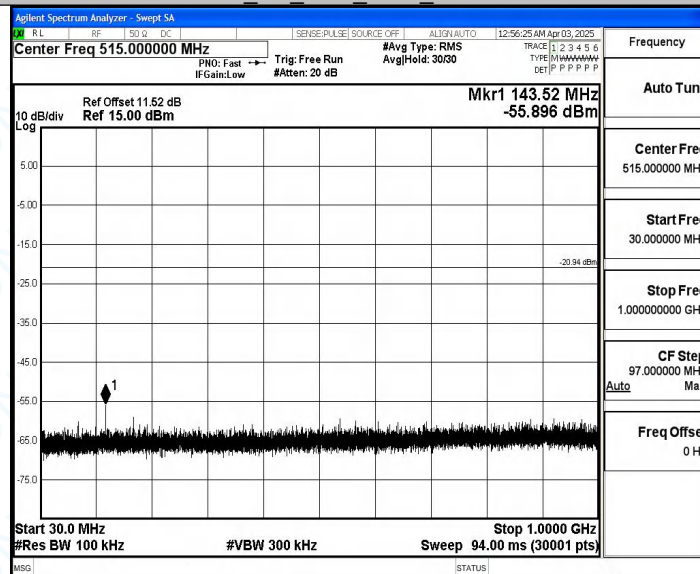
BLE 1M Ant1 2480 1000~26500



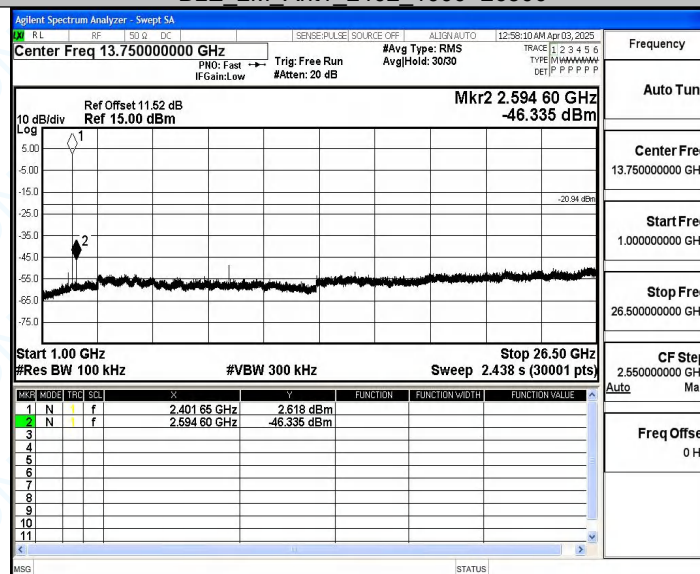
BLE 2M Ant1 2402 0~Reference



BLE 2M Ant1 2402 30~1000

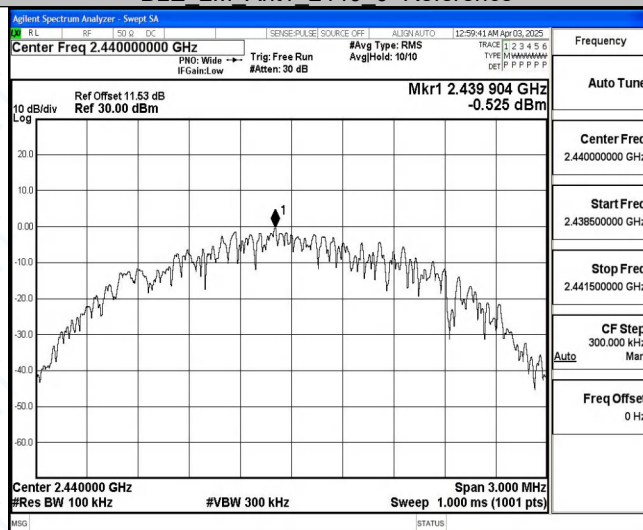


BLE 2M Ant1 2402 1000~26500

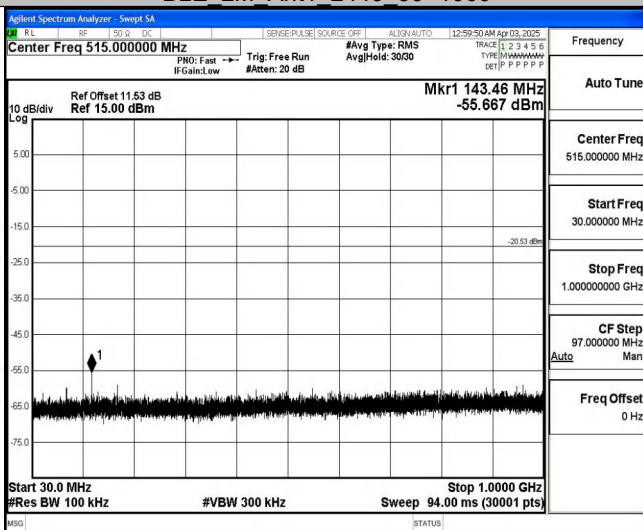




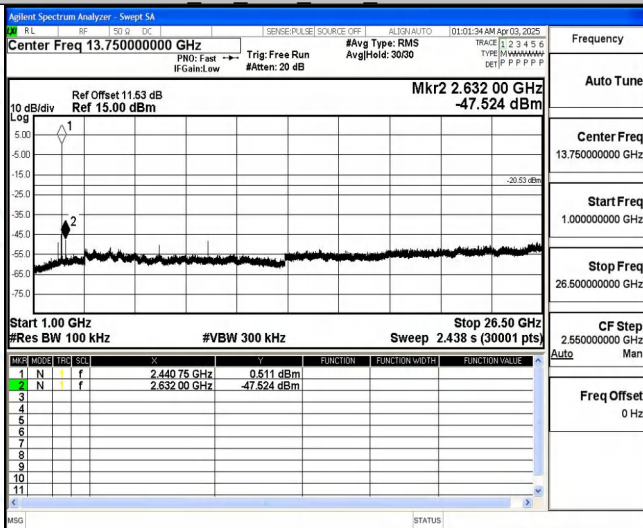
BLE 2M Ant1 2440 0~Reference



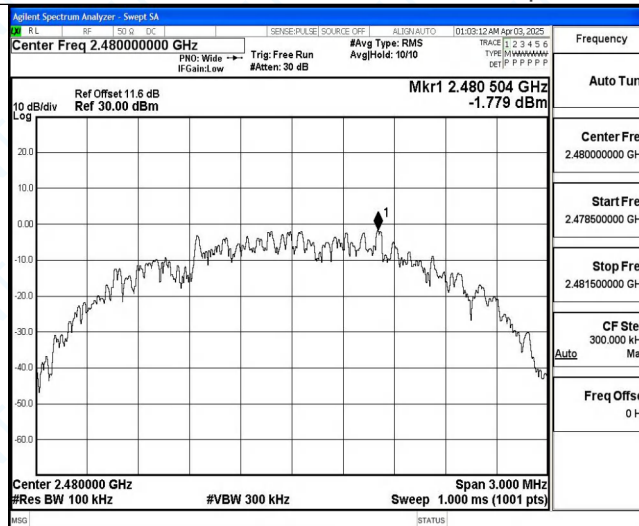
BLE 2M Ant1 2440 30~1000



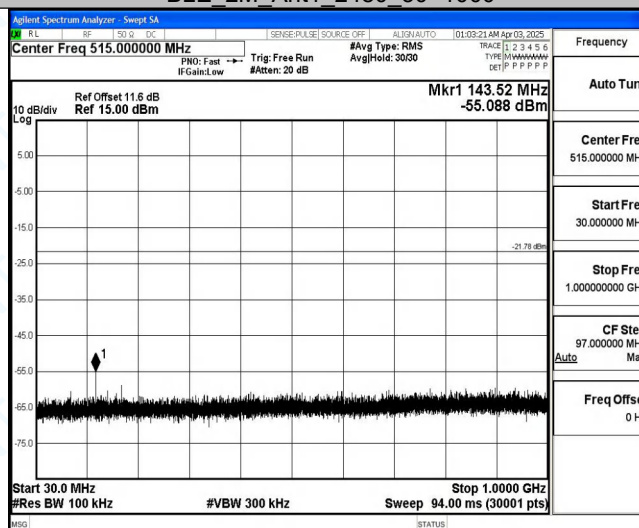
BLE 2M Ant1 2440 1000~26500



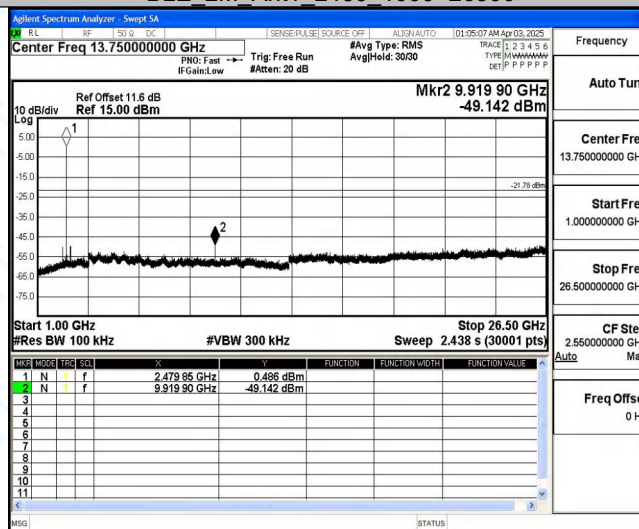
BLE 2M Ant1 2480 0~Reference



BLE 2M Ant1 2480 30~1000



BLE 2M Ant1 2480 1000~26500



The End Report

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