

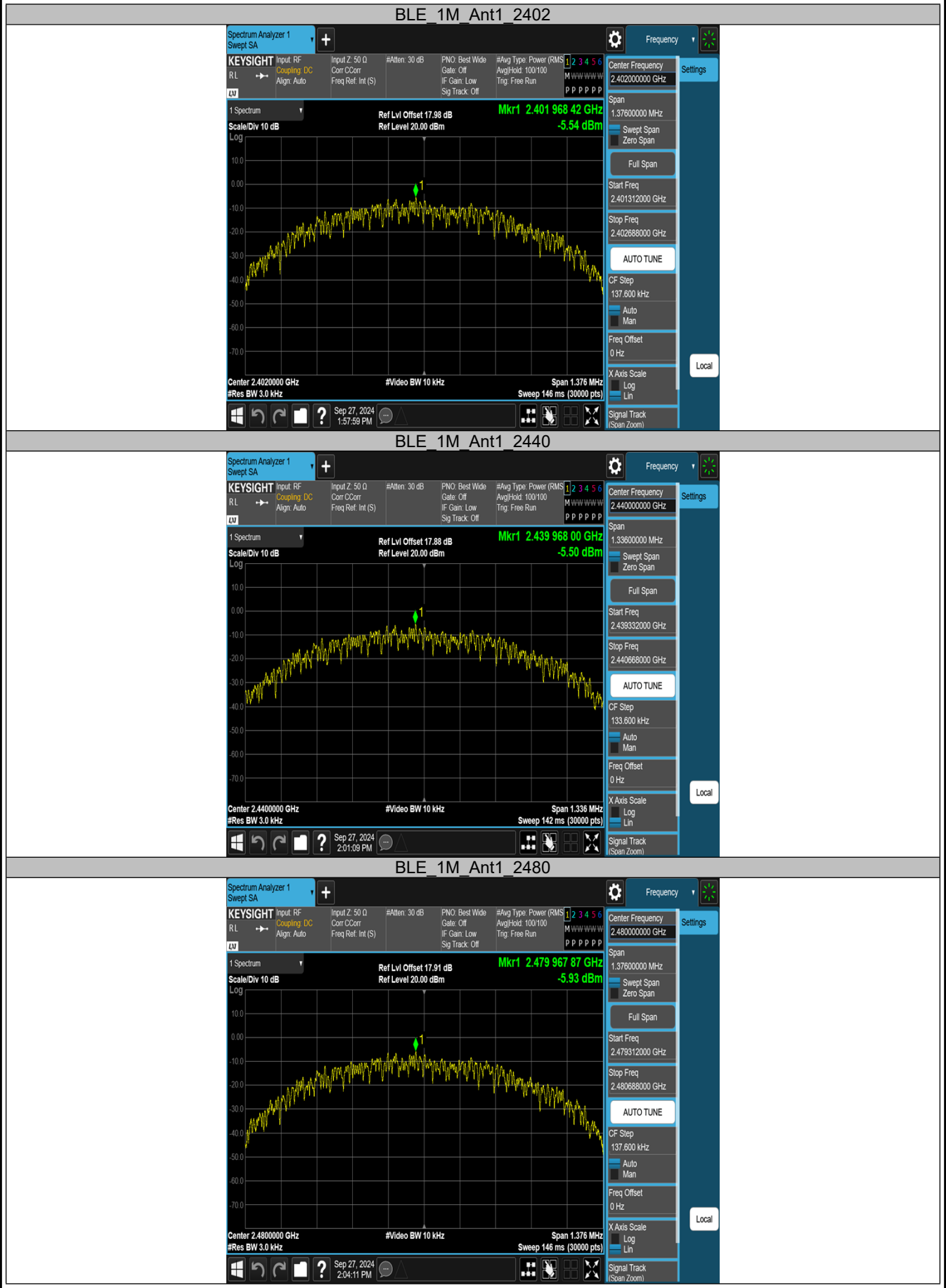
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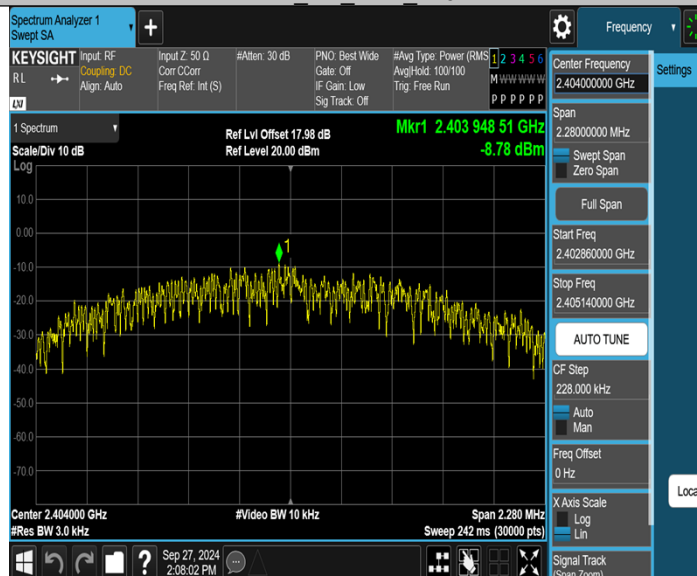
Appendix B.1: Test Results of Conducted Power Spectral Density

Left earbud,

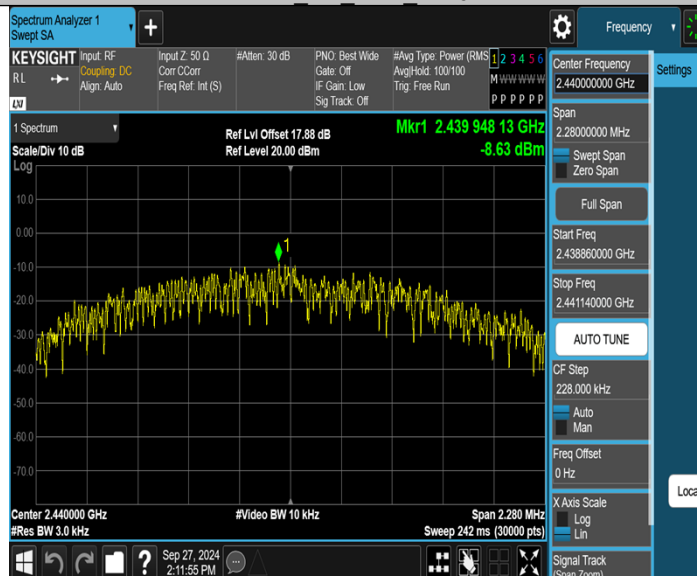
TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-5.54	≤8.00	PASS
		2440	-5.50	≤8.00	PASS
		2480	-5.93	≤8.00	PASS
BLE_2M	Ant1	2404	-8.78	≤8.00	PASS
		2440	-8.63	≤8.00	PASS
		2478	-9.16	≤8.00	PASS



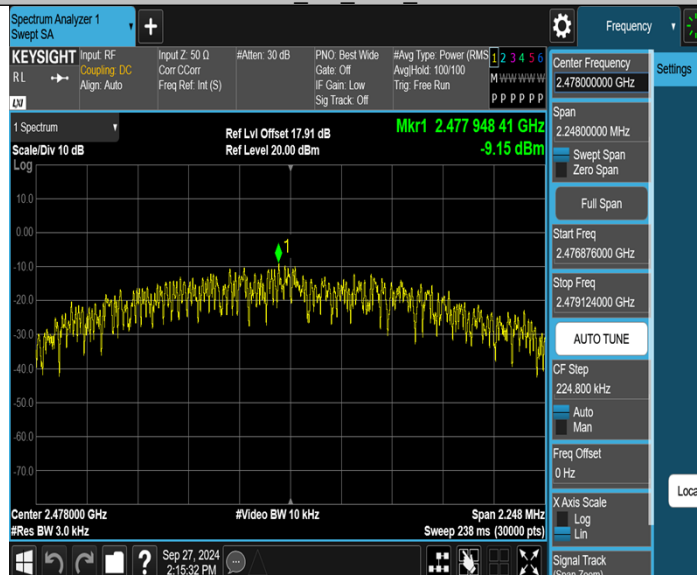
BLE 2M Ant1 2404



BLE 2M Ant1 2440



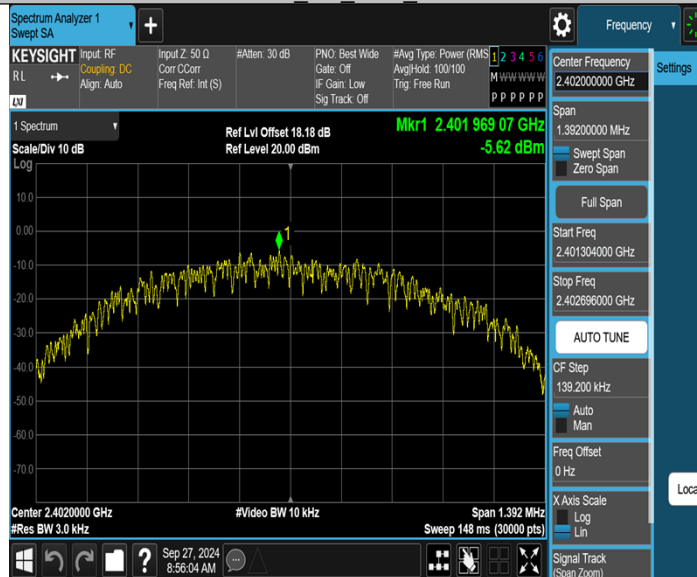
BLE 2M Ant1 2478



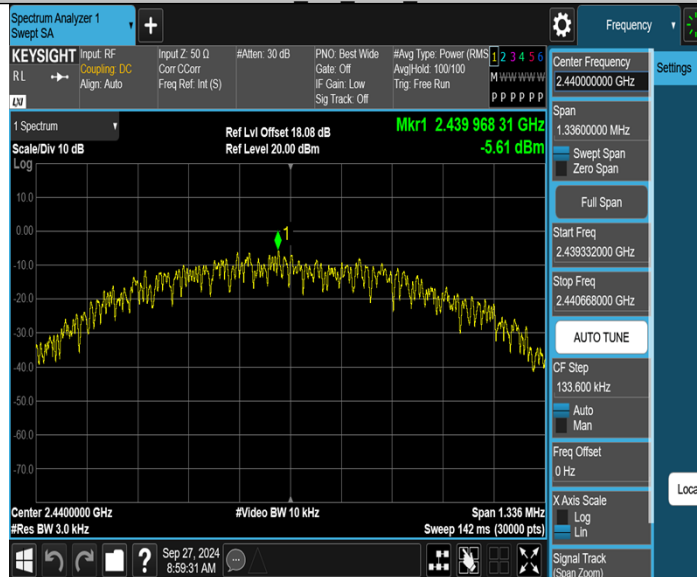
Right earbud

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-5.62	≤8.00	PASS
		2440	-5.62	≤8.00	PASS
		2480	-6.03	≤8.00	PASS
BLE_2M	Ant1	2404	-8.97	≤8.00	PASS
		2440	-8.77	≤8.00	PASS
		2478	-7.63	≤8.00	PASS

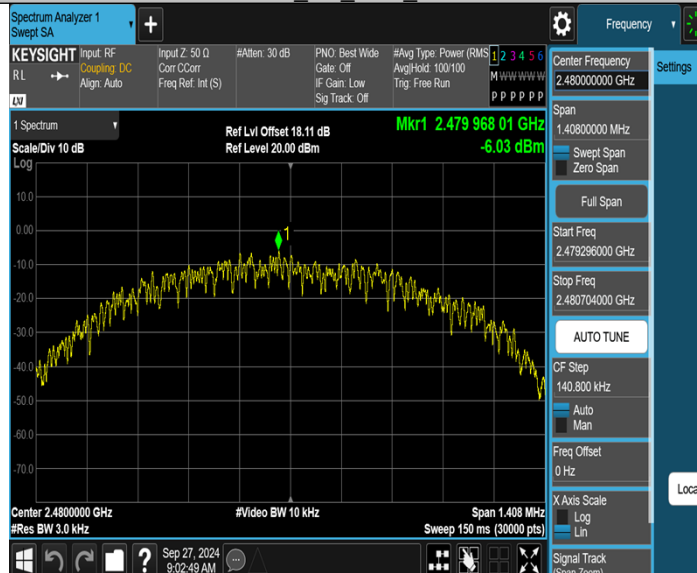
BLE 1M Ant1 2402



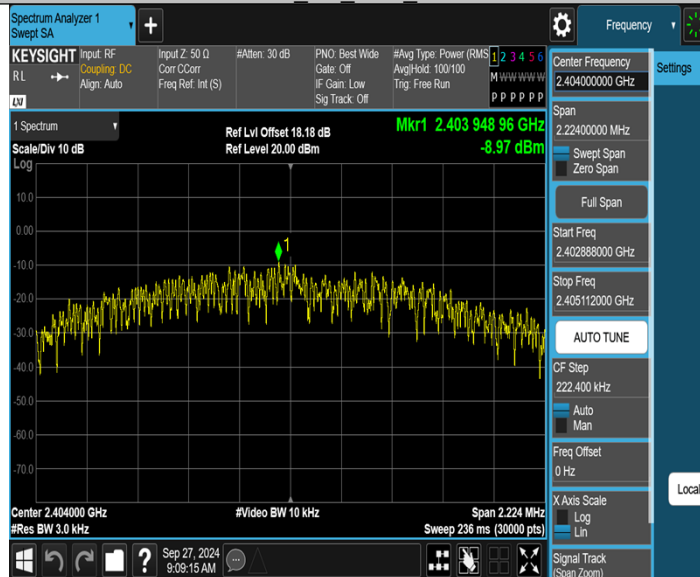
BLE 1M Ant1 2440



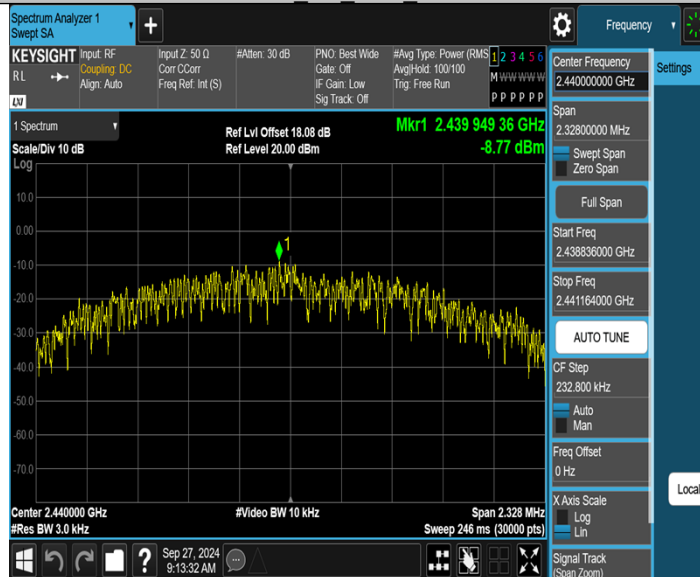
BLE 1M Ant1 2480



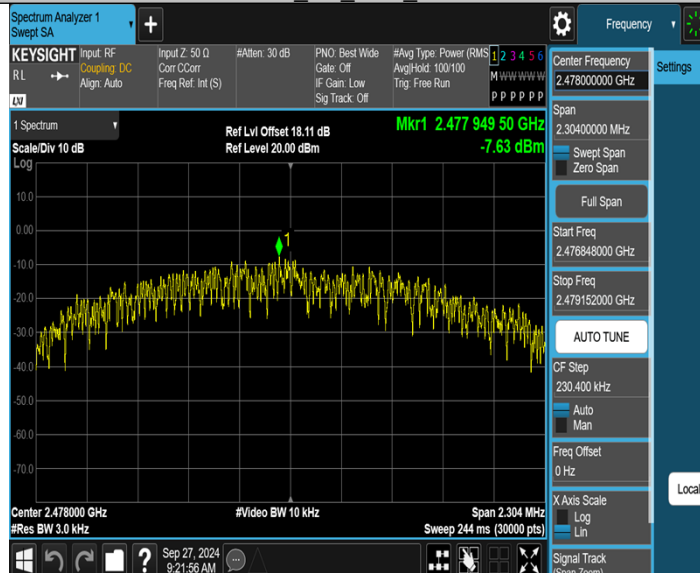
BLE 2M Ant1 2404



BLE 2M Ant1 2440



BLE 2M Ant1 2478



Appendix B.2: Test Results of 6dB Bandwidth

Both Left and right earbuds tested, only the worst-case reported.

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.688	2401.640	2402.328	0.5	PASS
		2440	0.668	2439.656	2440.324	0.5	PASS
		2480	0.688	2479.640	2480.328	0.5	PASS
BLE_2M	Ant1	2404	1.140	2403.416	2404.556	0.5	PASS
		2440	1.140	2439.416	2440.556	0.5	PASS
		2478	1.124	2477.424	2478.548	0.5	PASS

BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



BLE_1M_Ant1_2480



Appendix B
CN24V45K 001
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Prüfbericht - Produkte
Test Report - Products

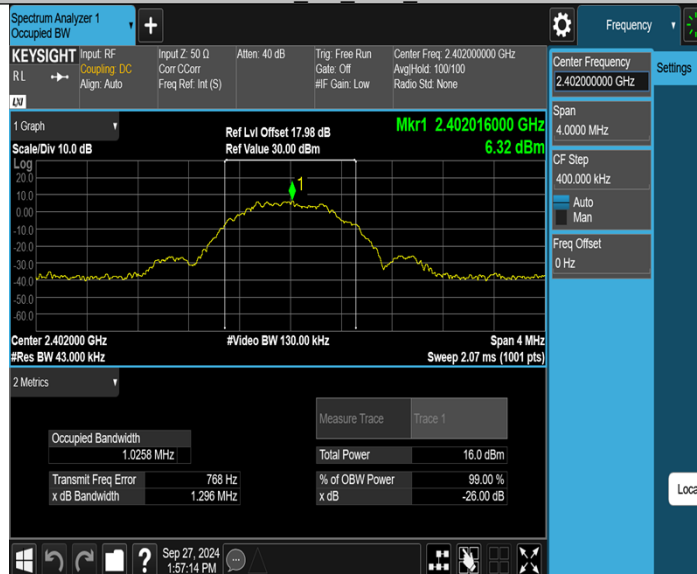


Appendix B.3: Test Results of 99% Bandwidth

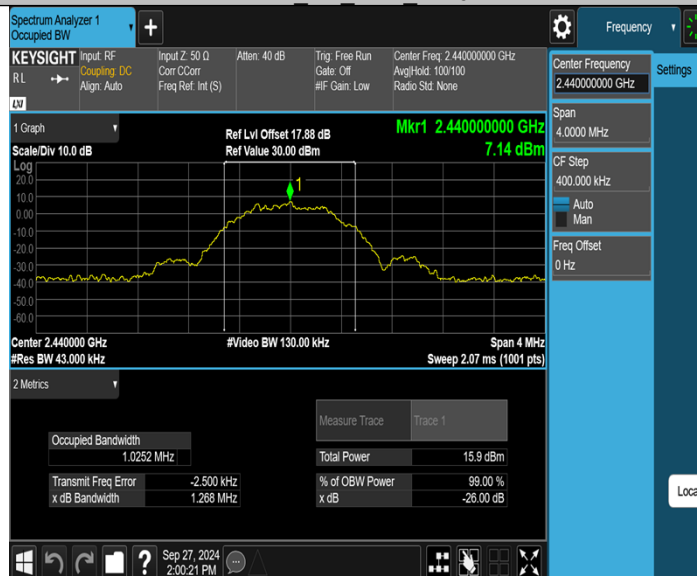
Both Left and right earbuds tested, only the worst-case reported.

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0258	2401.4879	2402.5137	---	---
		2440	1.0252	2439.4849	2440.5101	---	---
		2480	1.0231	2479.4852	2480.5083	---	---
BLE_2M	Ant1	2404	2.0410	2402.9901	2405.0311	---	---
		2440	2.0351	2438.9956	2441.0307	---	---
		2478	2.0246	2476.9993	2479.0239	---	---

BLE_1M_Ant1_2402



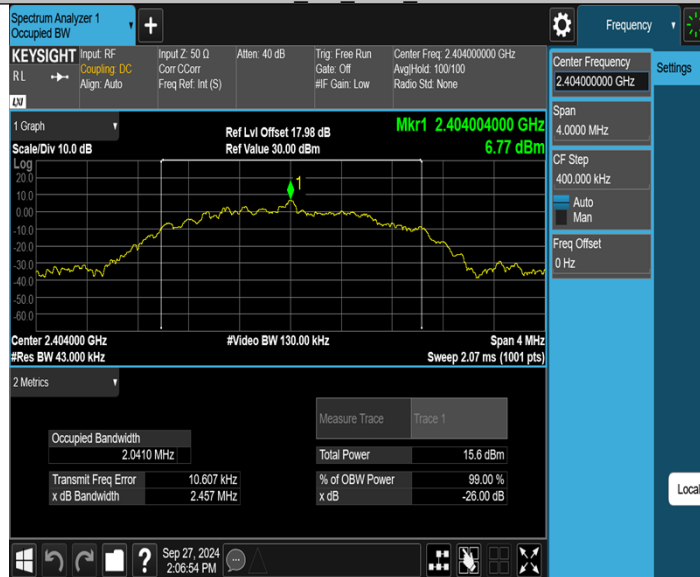
BLE_1M_Ant1_2440



BLE_1M_Ant1_2480



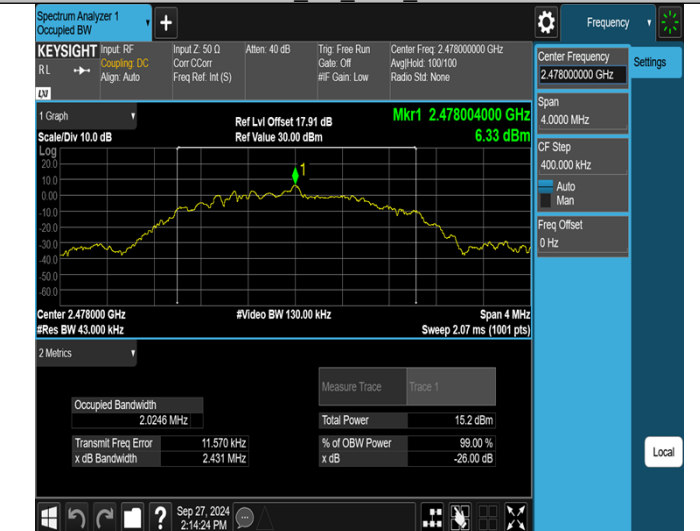
BLE 2M Ant1 2404



BLE 2M Ant1 2440



BLE 2M Ant1 2478



Appendix B.4: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

Band Edge

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	9.20	-40.78	≤-10.80	PASS
		High	2480	8.66	-45.26	≤-11.34	PASS
BLE_2M	Ant1	Low	2404	8.79	-44.71	≤-11.21	PASS
		High	2478	8.78	-43.56	≤-11.22	PASS

BLE_1M Ant1 Low 2402



BLE_1M Ant1 High 2480





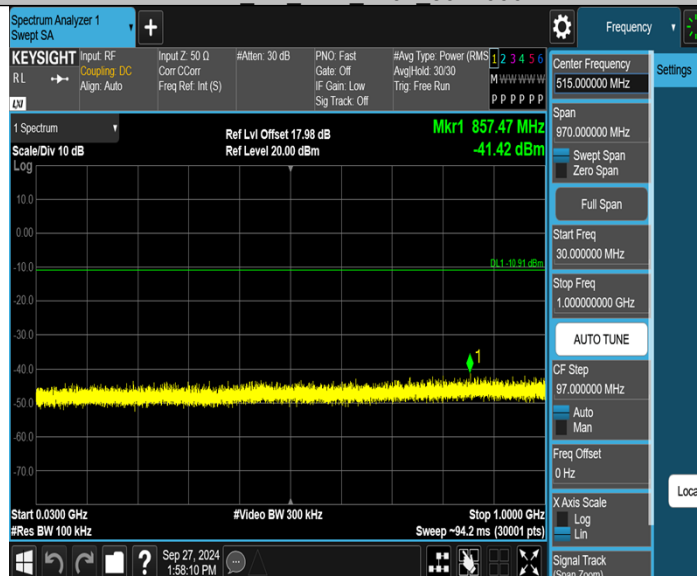
Conducted Spurious Emission

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	9.09	9.09	---	PASS
			30~1000	9.09	-41.42	≤-10.91	PASS
			1000~26500	9.09	-32.8	≤-10.91	PASS
		2440	Reference	9.07	9.07	---	PASS
			30~1000	9.07	-41.95	≤-10.93	PASS
			1000~26500	9.07	-32.73	≤-10.93	PASS
		2480	Reference	8.42	8.42	---	PASS
			30~1000	8.42	-41.32	≤-11.58	PASS
			1000~26500	8.42	-32.95	≤-11.58	PASS
BLE_2M	Ant1	2404	Reference	8.97	8.97	---	PASS
			30~1000	8.97	-41.77	≤-11.03	PASS
			1000~26500	8.97	-33	≤-11.03	PASS
		2440	Reference	9.09	9.09	---	PASS
			30~1000	9.09	-41.97	≤-10.91	PASS
			1000~26500	9.09	-32.87	≤-10.91	PASS
		2478	Reference	7.85	7.85	---	PASS
			30~1000	7.85	-41.91	≤-12.15	PASS
			1000~26500	7.85	-32.83	≤-12.15	PASS

BLE 1M Ant1 2402 0~Reference



BLE 1M Ant1 2402 30~1000



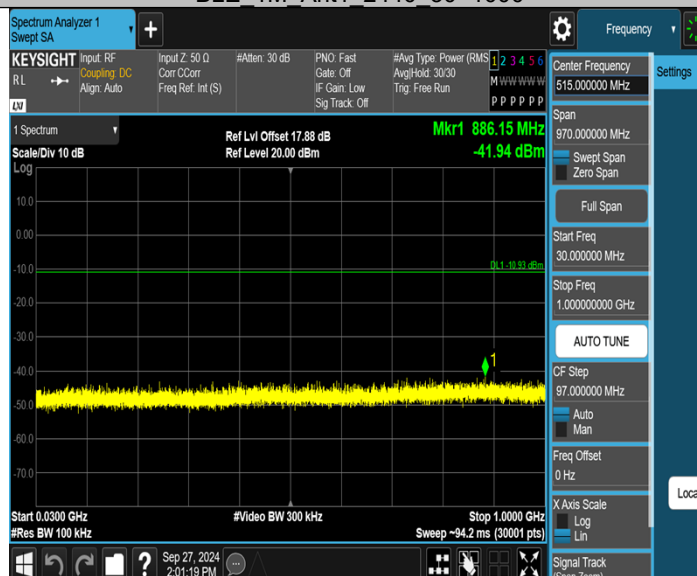
BLE 1M Ant1 2402 1000~26500



BLE_1M_Ant1_2440_0~Reference



BLE_1M_Ant1_2440_30~1000



BLE_1M_Ant1_2440_1000~26500

