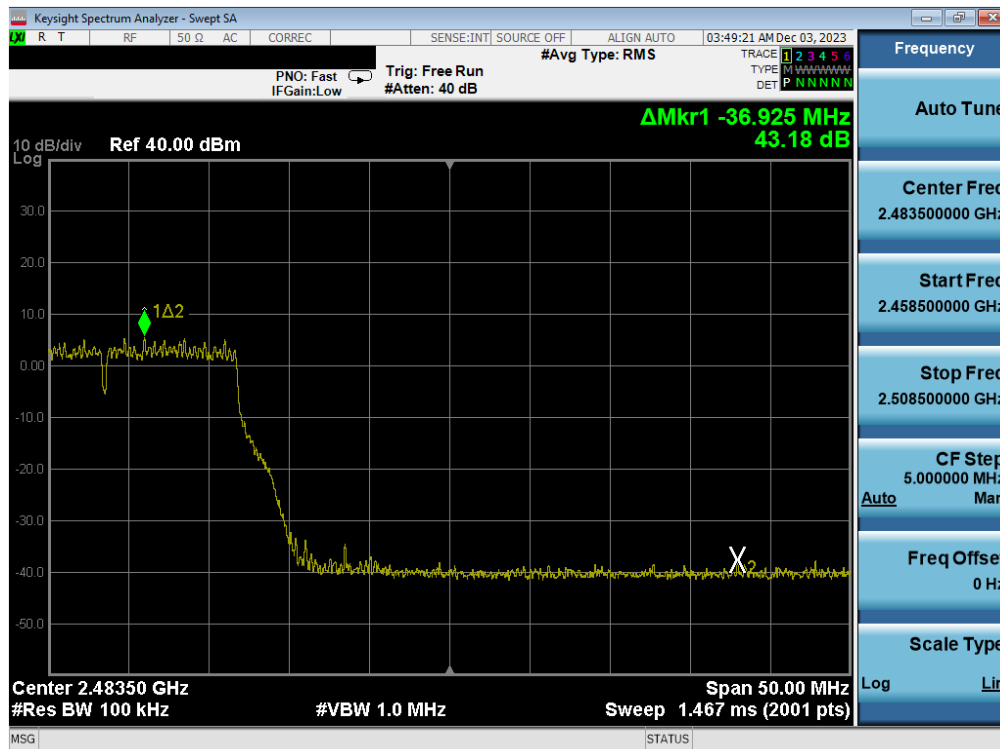
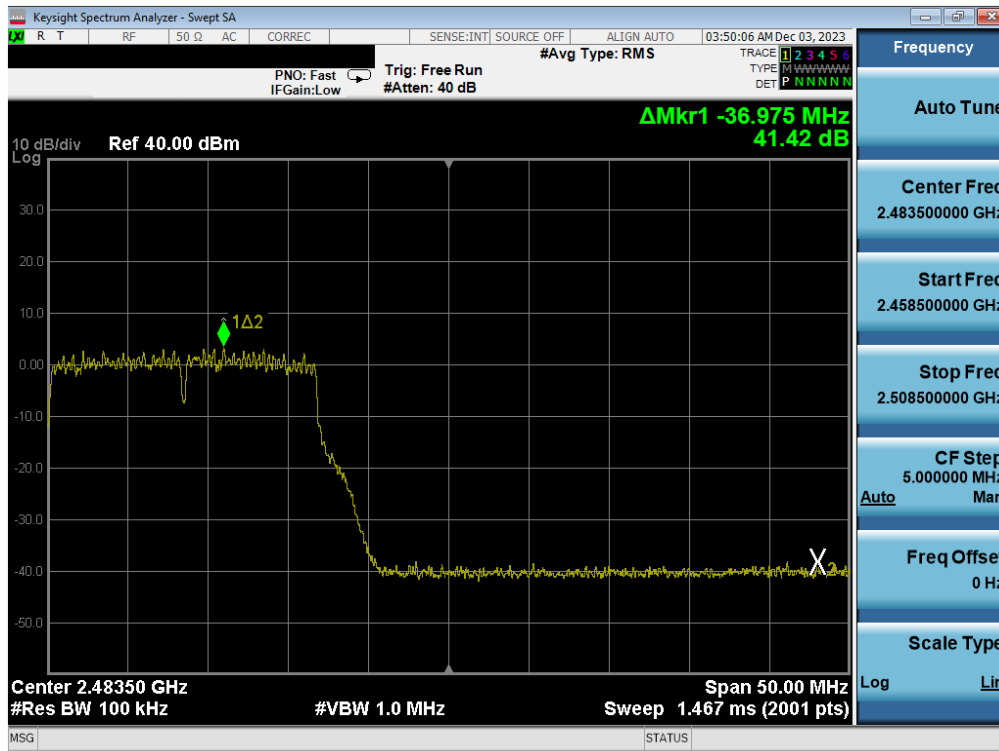


Plot 7-253. Band Edge Plot Antenna 3a (802.11g – Ch. 10) – 54Mbps

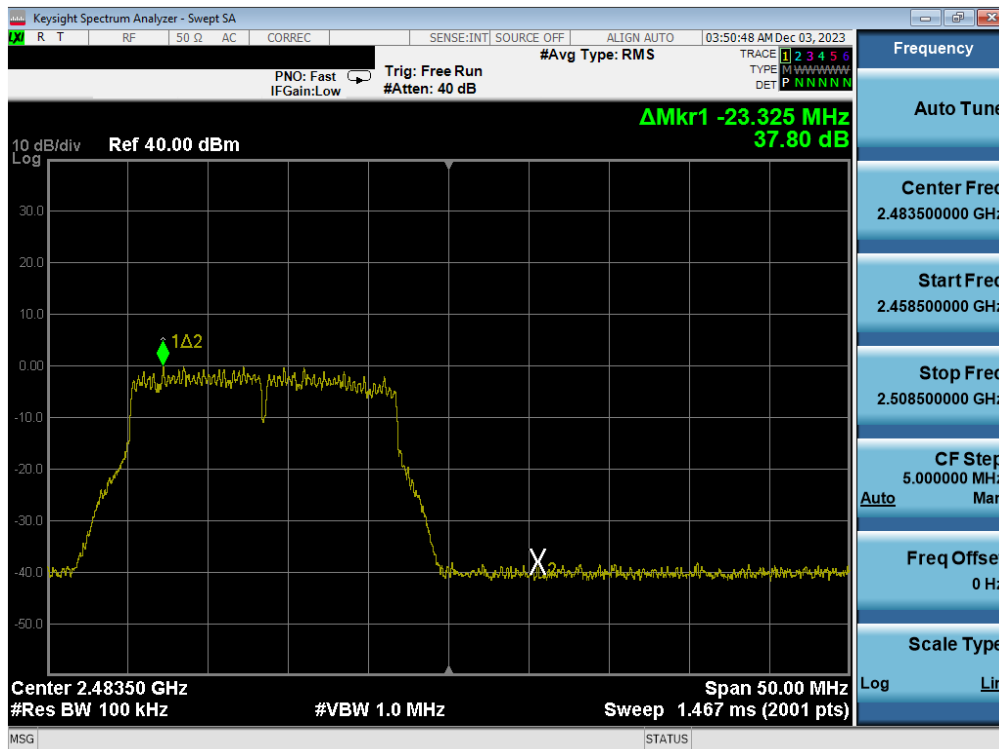


Plot 7-254. Band Edge Plot Antenna 3a (802.11g – Ch. 11) – 54Mbps

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 170 of 388

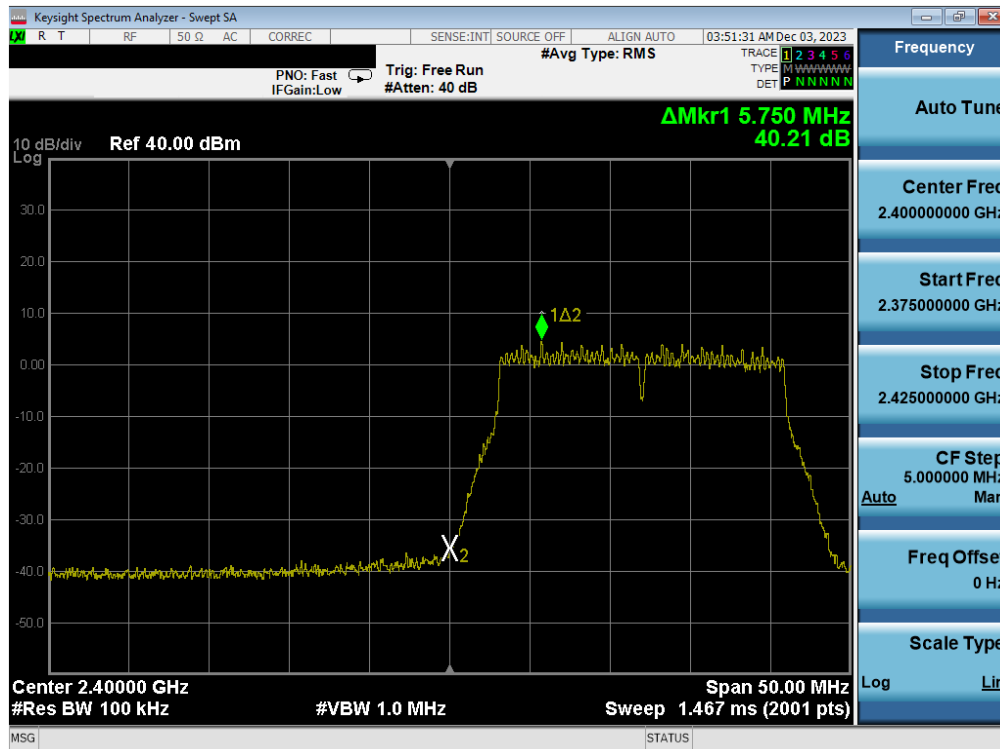


Plot 7-255. Band Edge Plot Antenna 3a (802.11g – Ch. 12) – 54Mbps

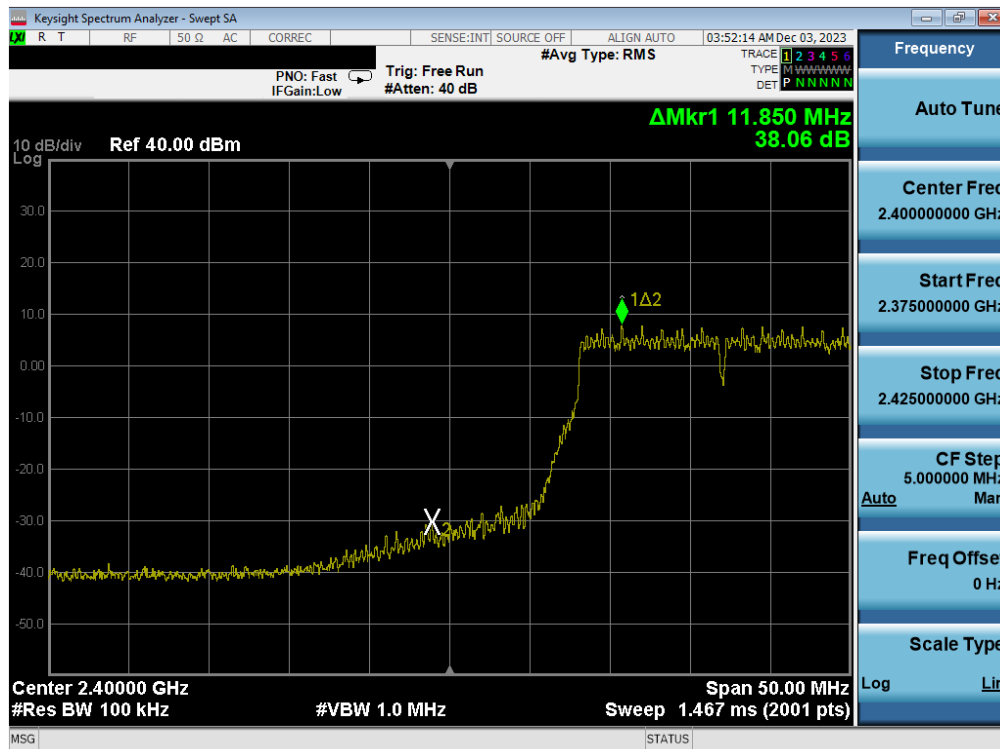


Plot 7-256. Band Edge Plot Antenna 3a (802.11g – Ch. 13) – 54Mbps

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 171 of 388

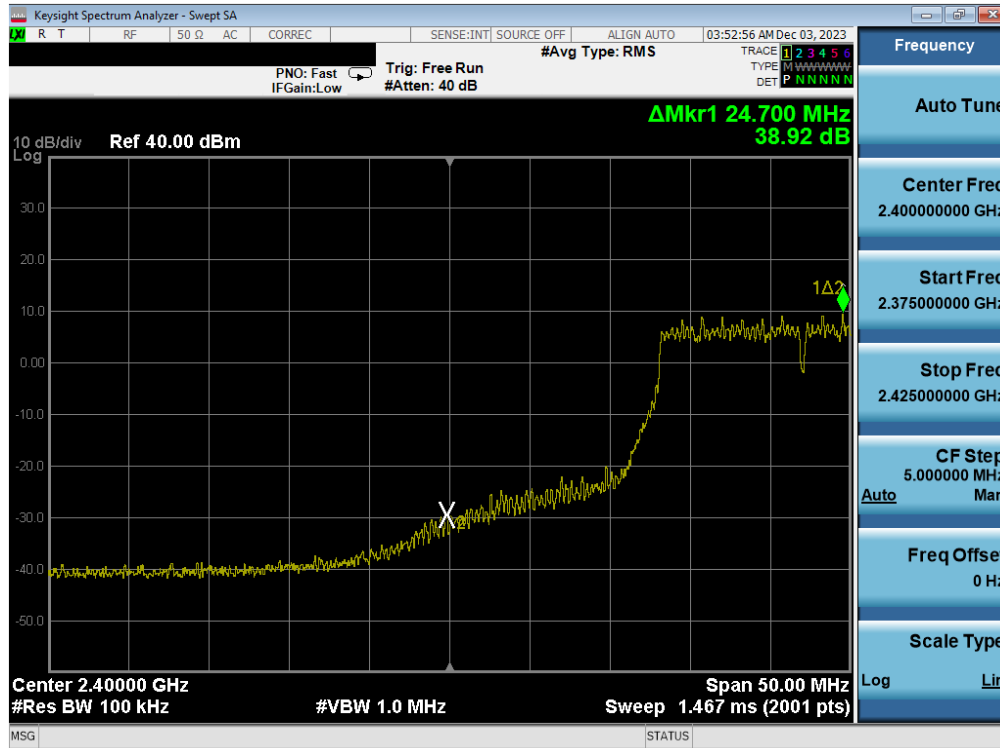


Plot 7-257. Band Edge Plot Antenna 3a (802.11n (2.4GHz) – Ch. 1) – MCS7

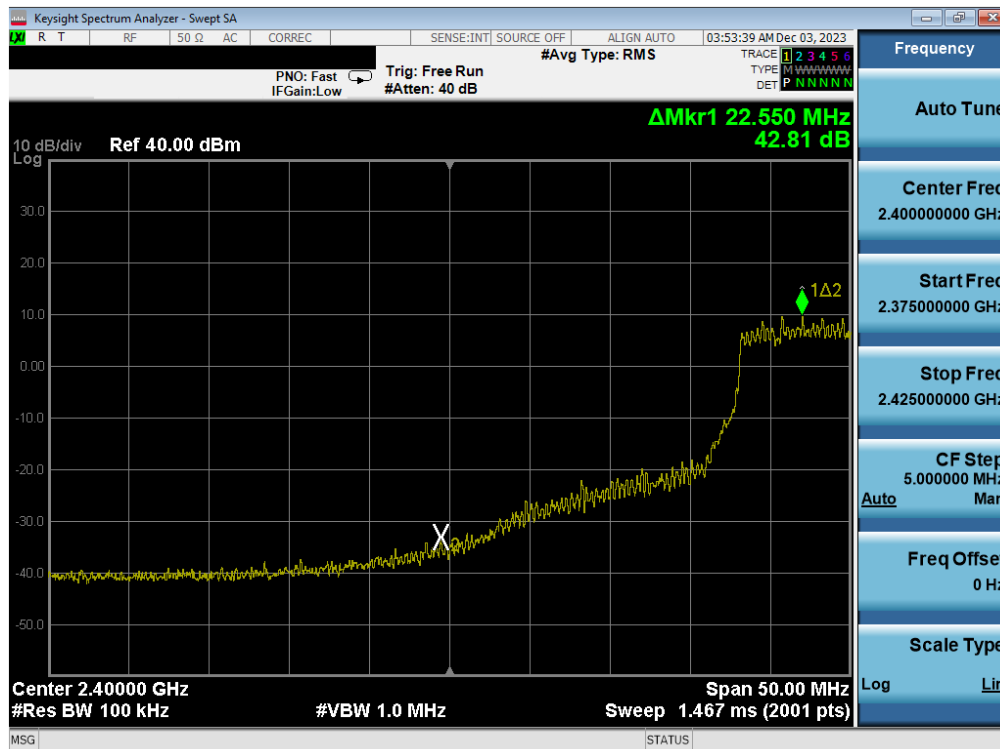


Plot 7-258. Band Edge Plot Antenna 3a (802.11n (2.4GHz) – Ch. 2) – MCS7

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 172 of 388

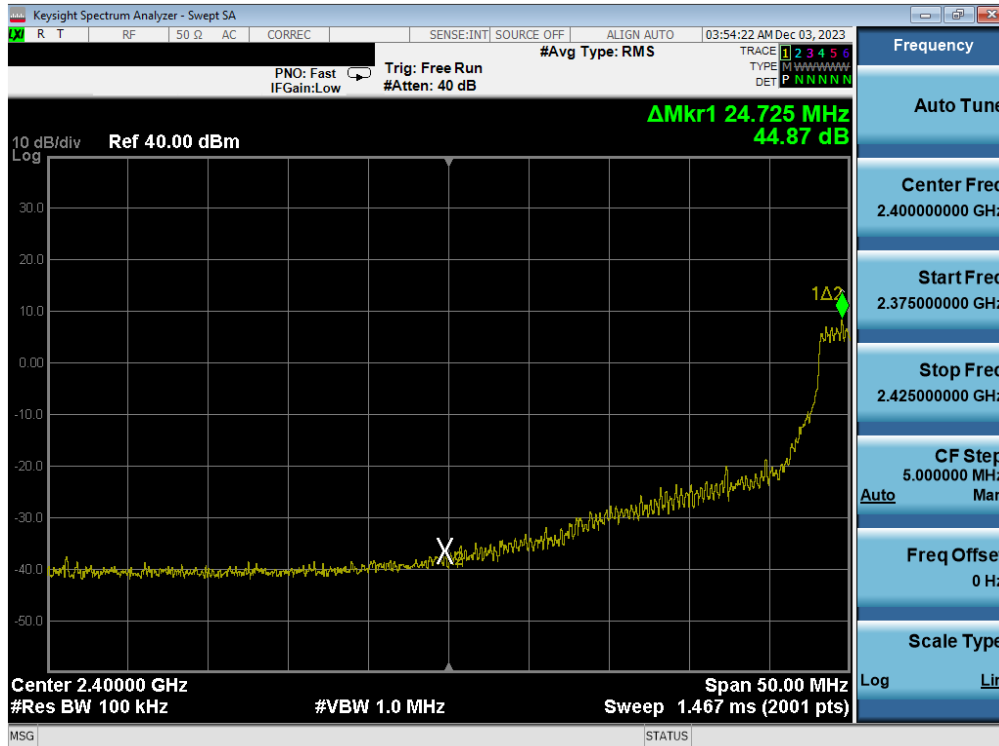


Plot 7-259. Band Edge Plot Antenna 3a (802.11n (2.4GHz) – Ch. 3) – MCS7



Plot 7-260. Band Edge Plot Antenna 3a (802.11n (2.4GHz) – Ch. 4) – MCS7

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 173 of 388

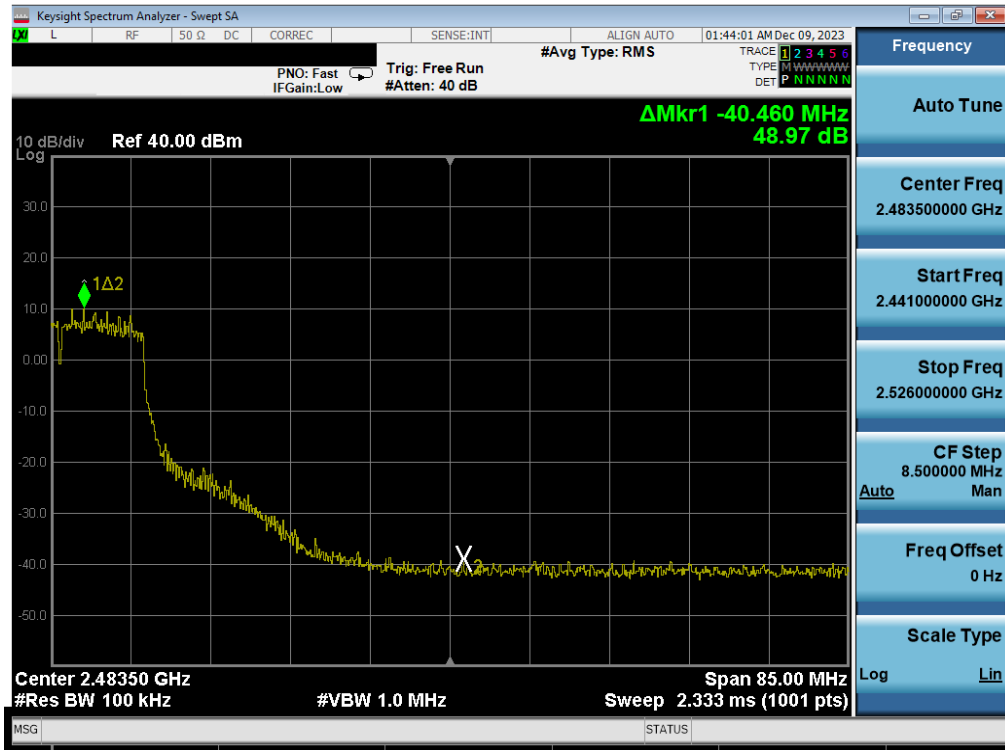


Plot 7-261. Band Edge Plot Antenna 3a (802.11n (2.4GHz) – Ch. 5) – MCS7

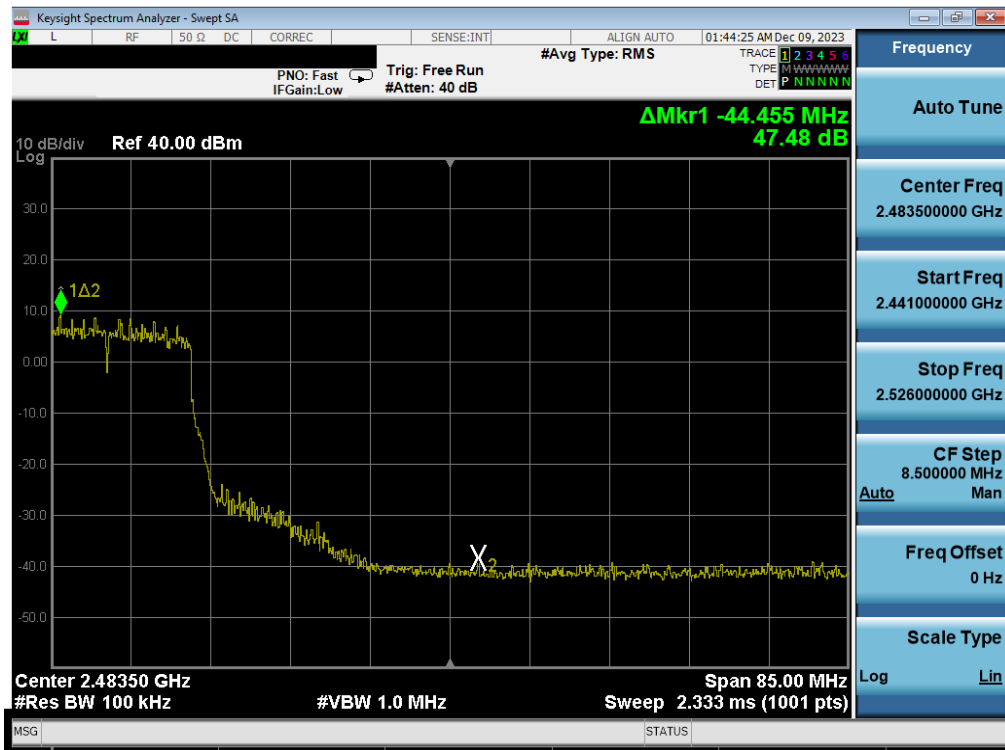


Plot 7-262. Band Edge Plot Antenna 3a (802.11n (2.4GHz) – Ch. 6 (high)) – MCS7

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 174 of 388

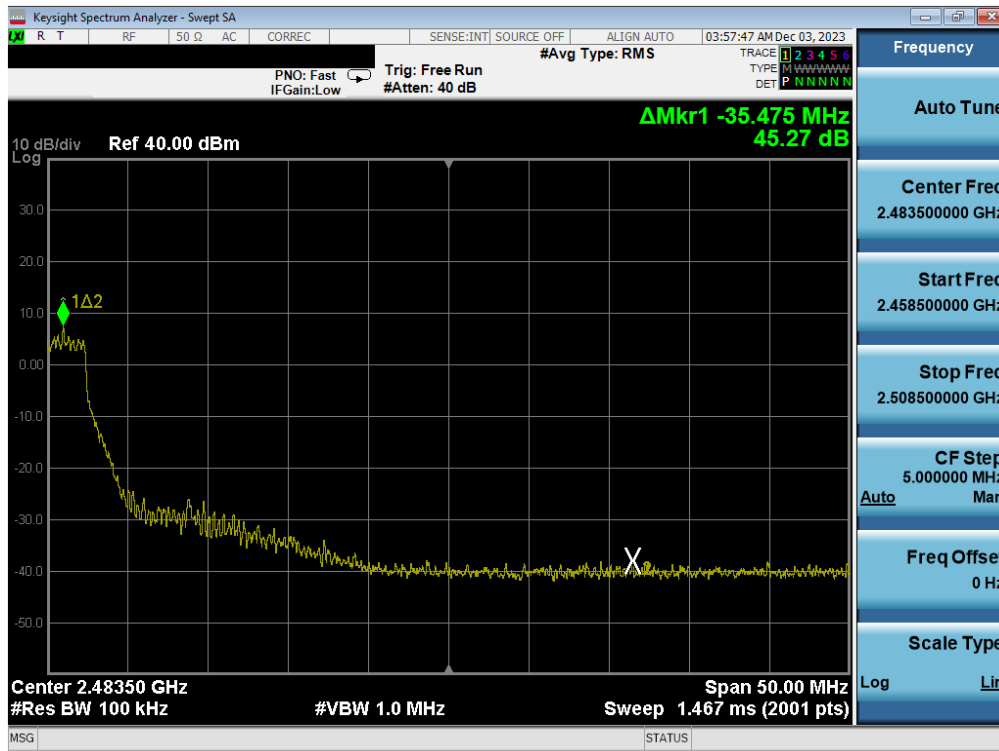


Plot 7-263. Band Edge Plot Antenna 3a (802.11n (2.4GHz) – Ch. 7) – MCS7

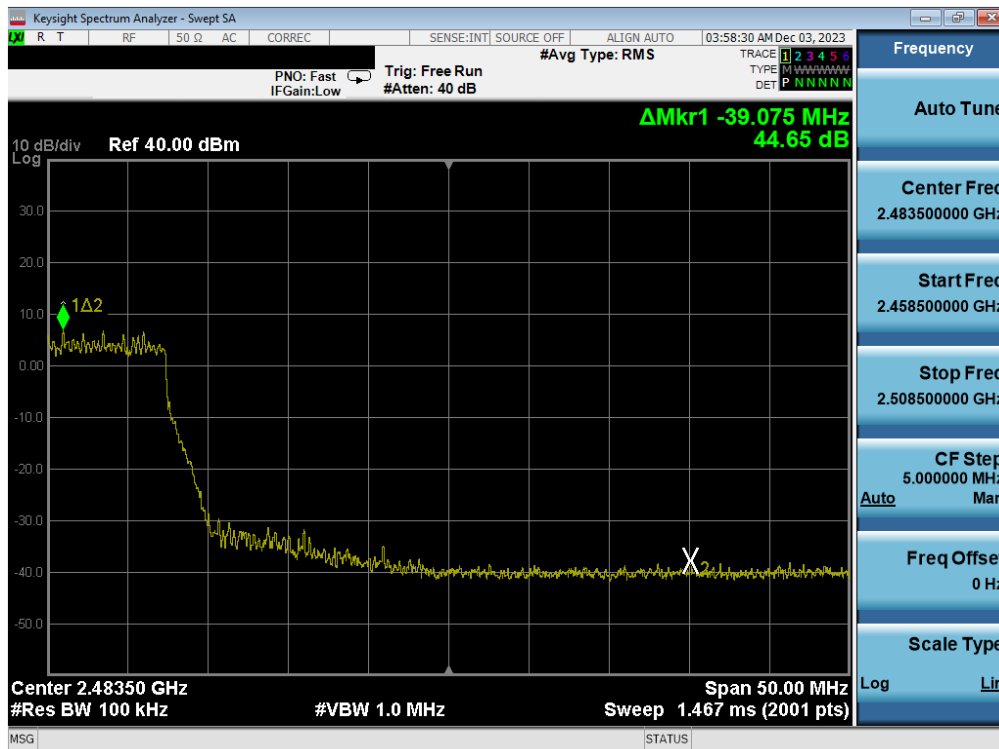


Plot 7-264. Band Edge Plot Antenna 3a (802.11n (2.4GHz) – Ch. 8) – MCS7

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 175 of 388

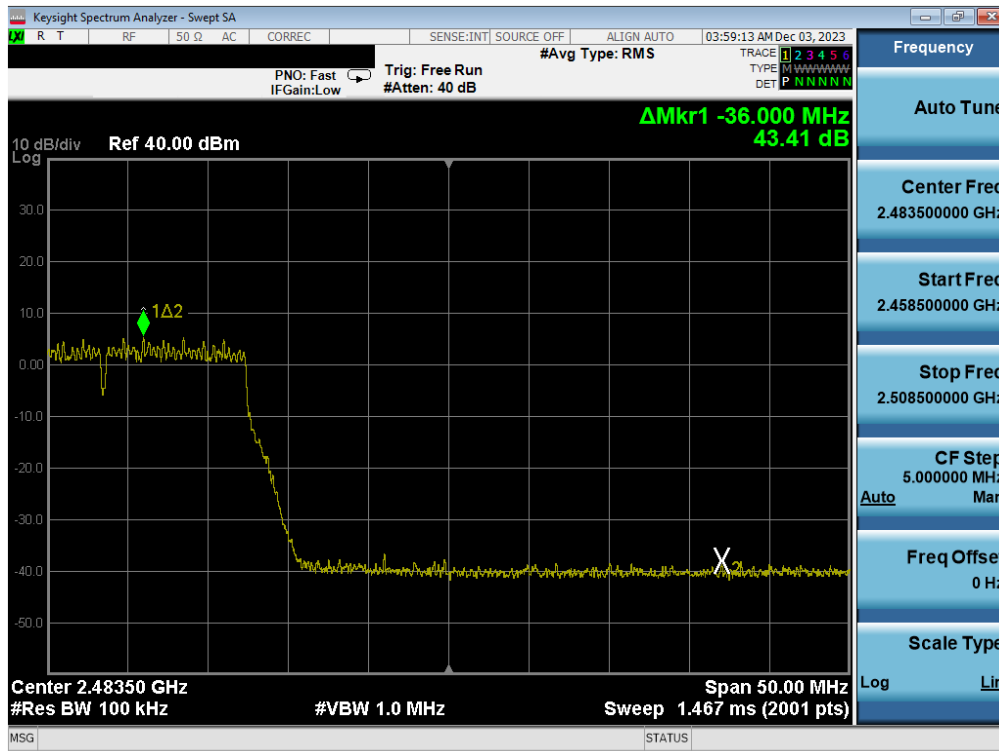


Plot 7-265. Band Edge Plot Antenna 3a (802.11n (2.4GHz) – Ch. 9) – MCS7

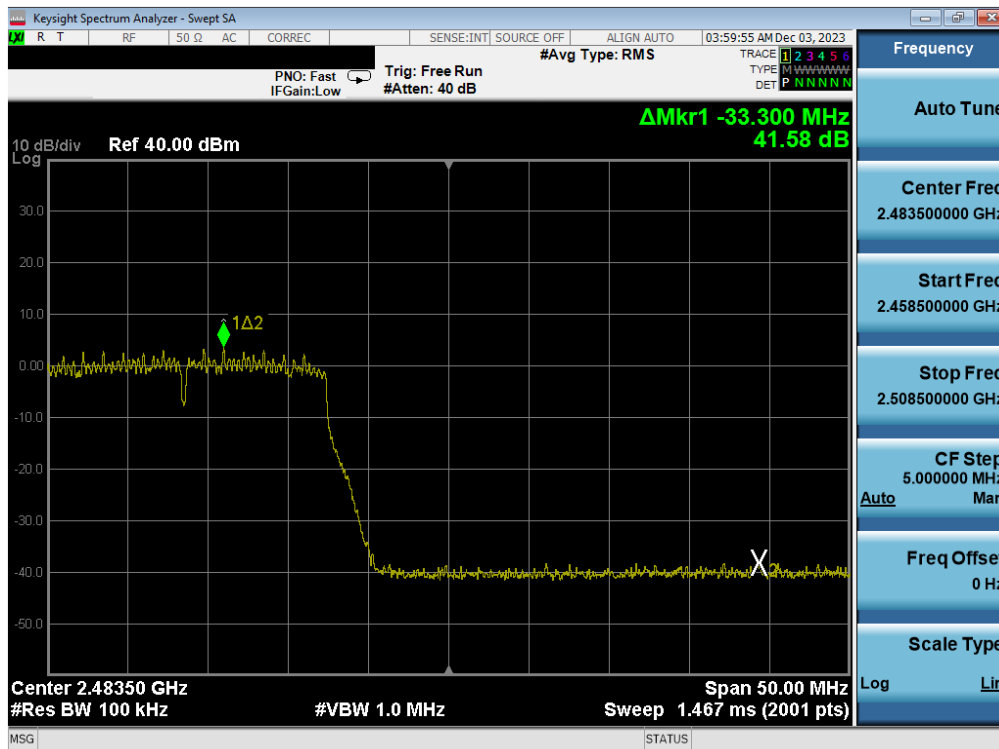


Plot 7-266. Band Edge Plot Antenna 3a (802.11n (2.4GHz) – Ch. 10) – MCS7

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 176 of 388

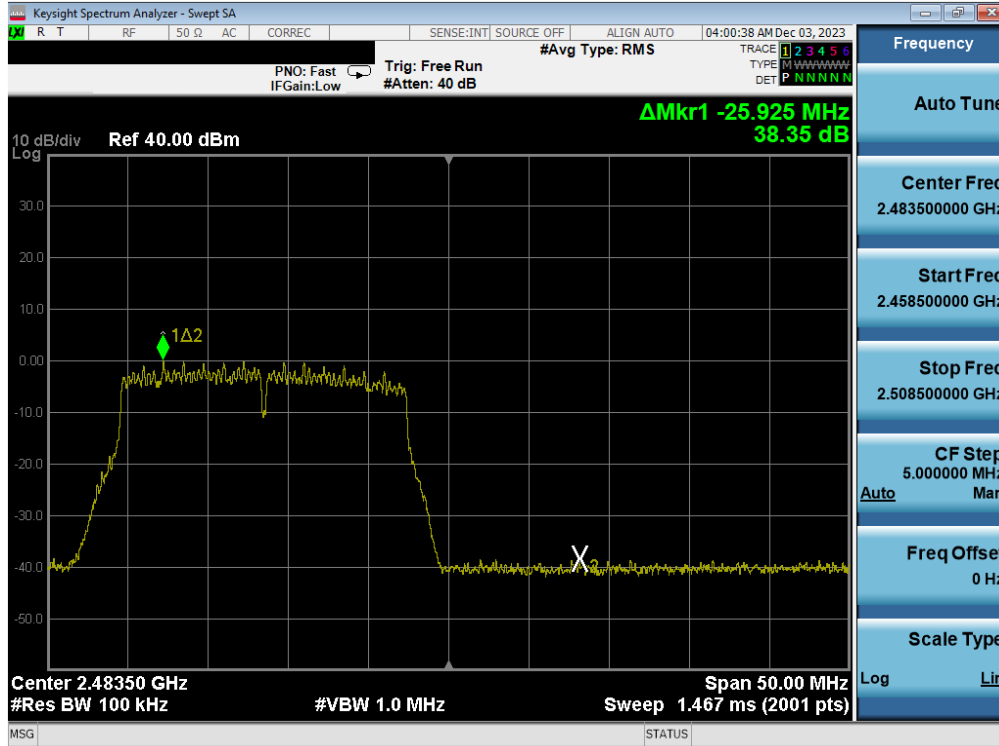


Plot 7-267. Band Edge Plot Antenna 3a (802.11n (2.4GHz) – Ch. 11) – MCS7

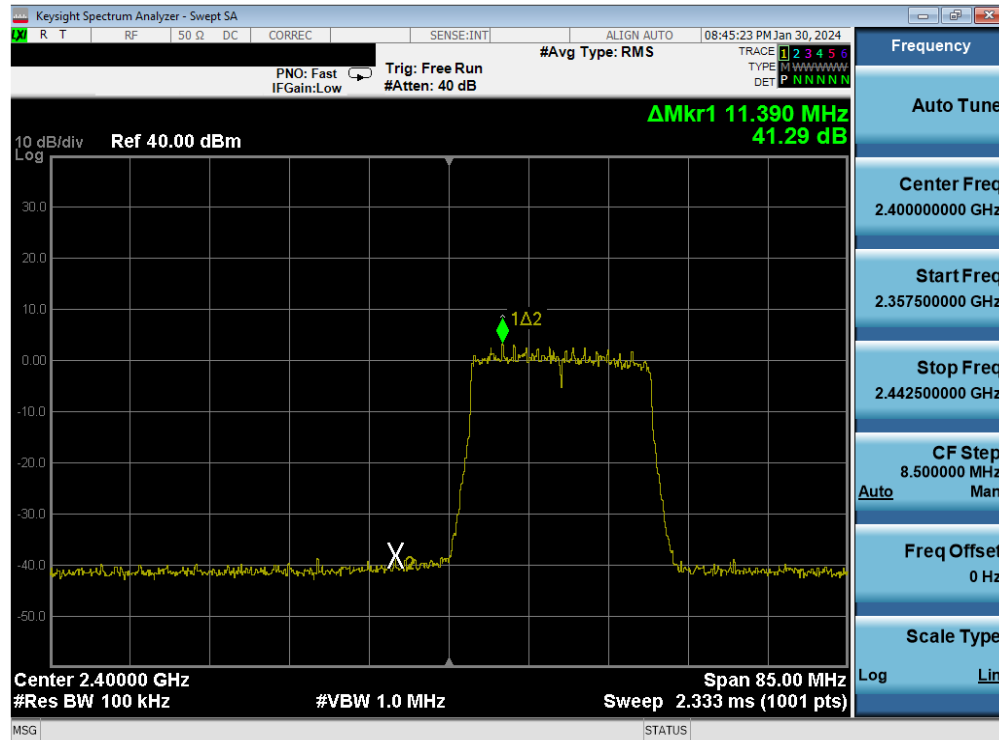


Plot 7-268. Band Edge Plot Antenna 3a (802.11n (2.4GHz) – Ch. 12) – MCS7

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 177 of 388

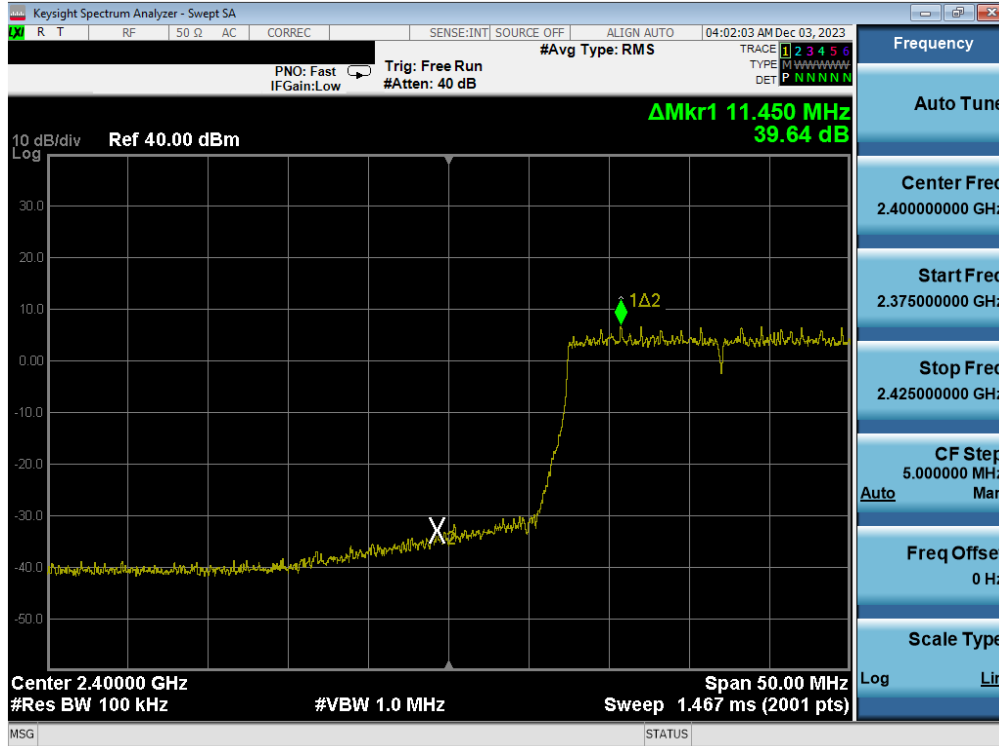


Plot 7-269. Band Edge Plot Antenna 3a (802.11n (2.4GHz) – Ch. 13) – MCS7

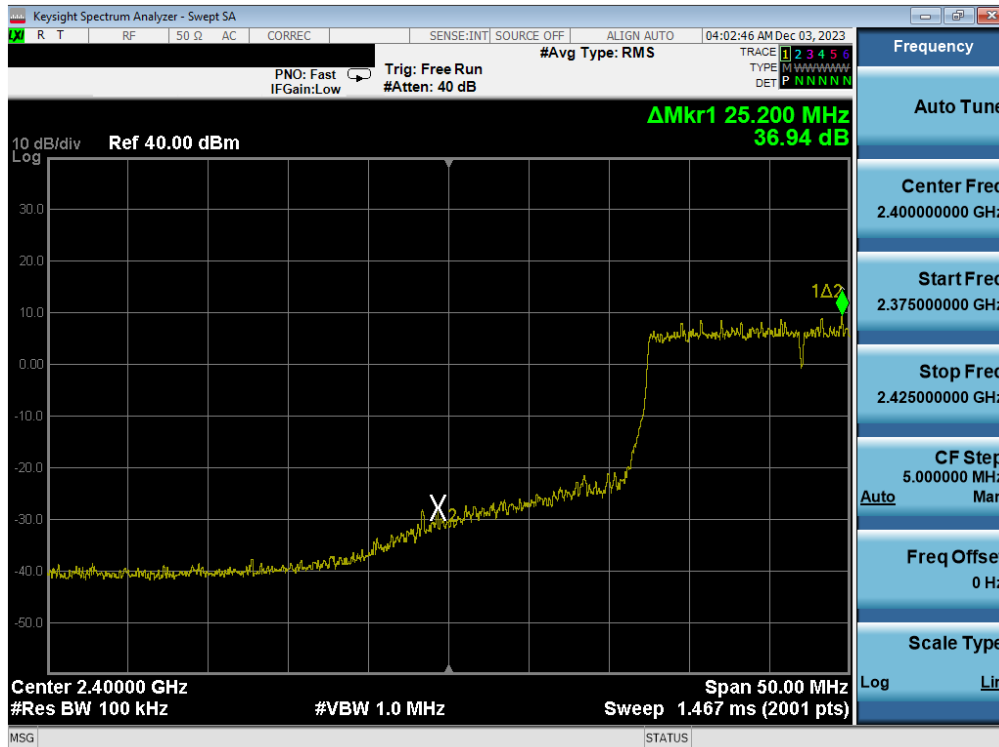


Plot 7-270. Band Edge Plot Antenna 3a (802.11ax (SU - 2.4GHz) – Ch. 1) – MCS9

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 178 of 388

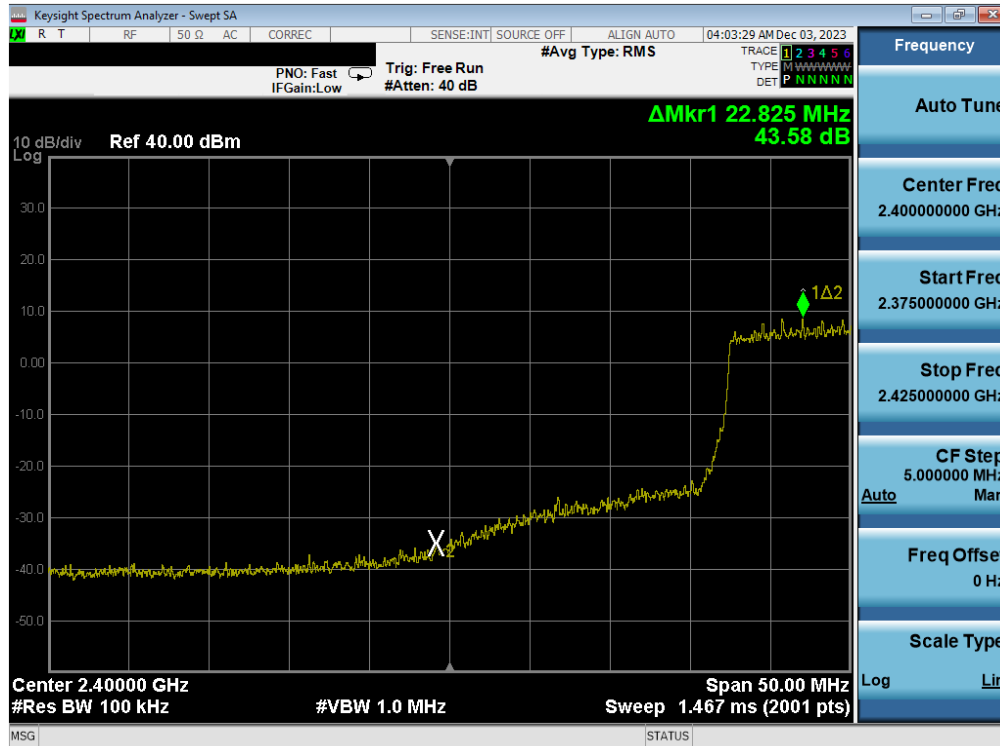


Plot 7-271. Band Edge Plot Antenna 3a (802.11ax (SU - 2.4GHz) – Ch. 2) – MCS9

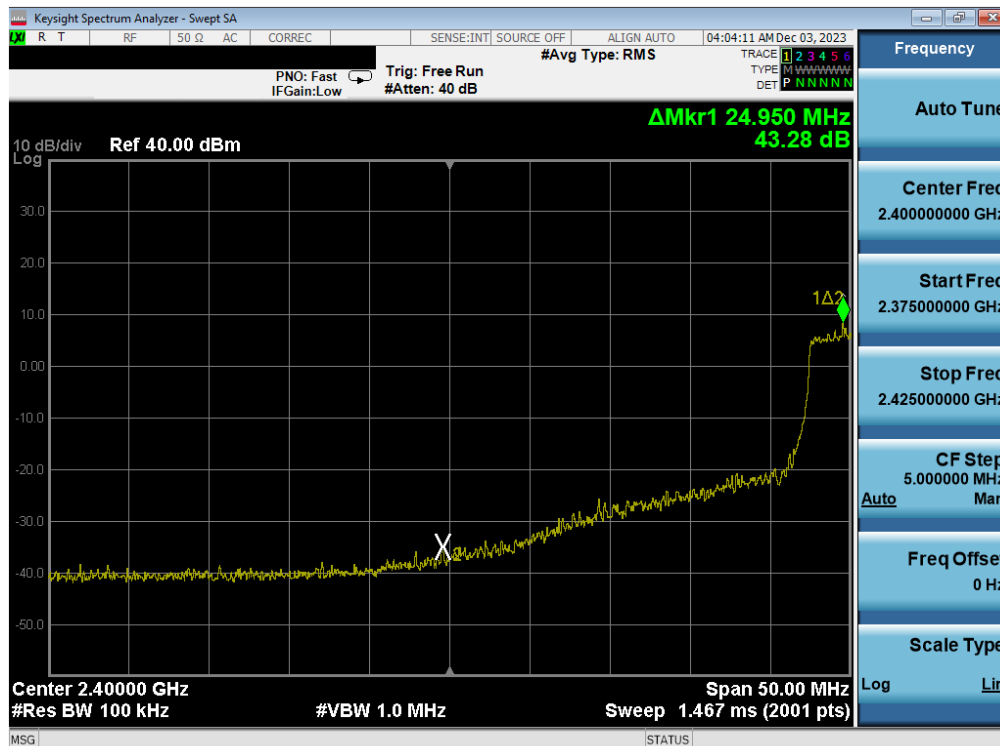


Plot 7-272. Band Edge Plot Antenna 3a (802.11ax (SU - 2.4GHz) – Ch. 3) – MCS9

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 179 of 388

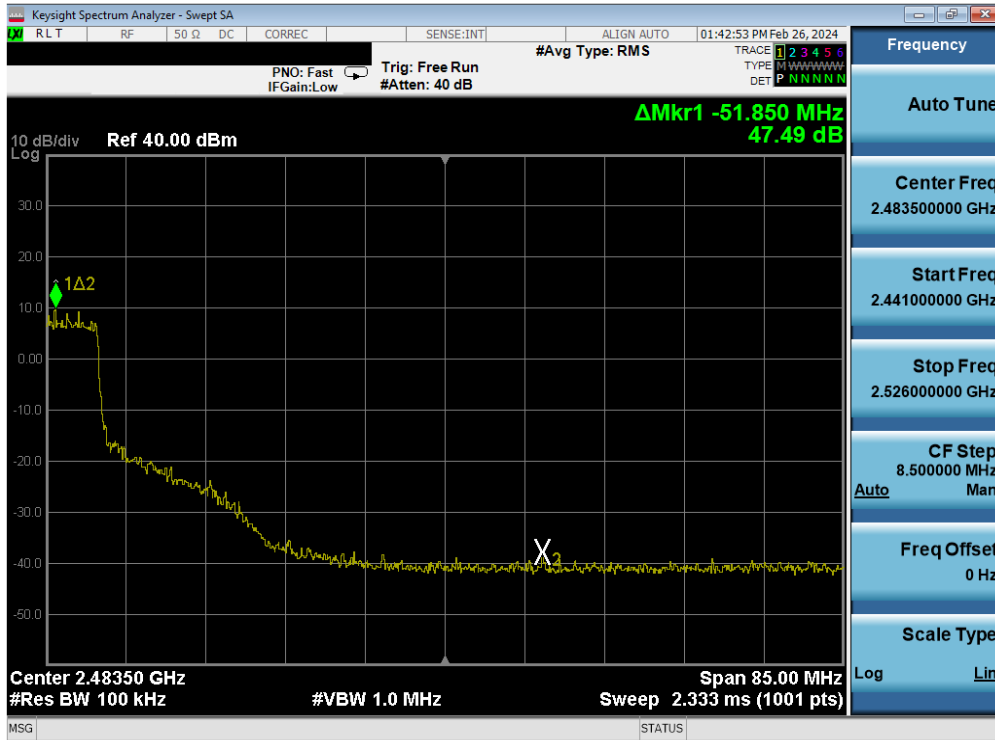


Plot 7-273. Band Edge Plot Antenna 3a (802.11ax (SU - 2.4GHz) – Ch. 4) – MCS9

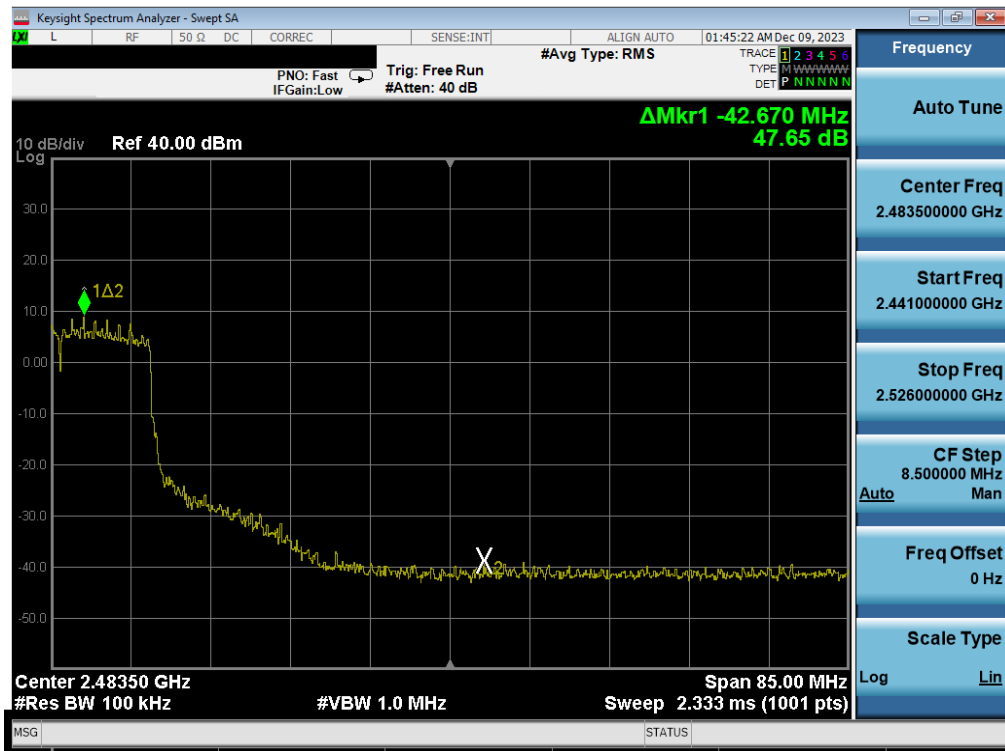


Plot 7-274. Band Edge Plot Antenna 3a (802.11ax (SU - 2.4GHz) – Ch. 5) – MCS9

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 180 of 388

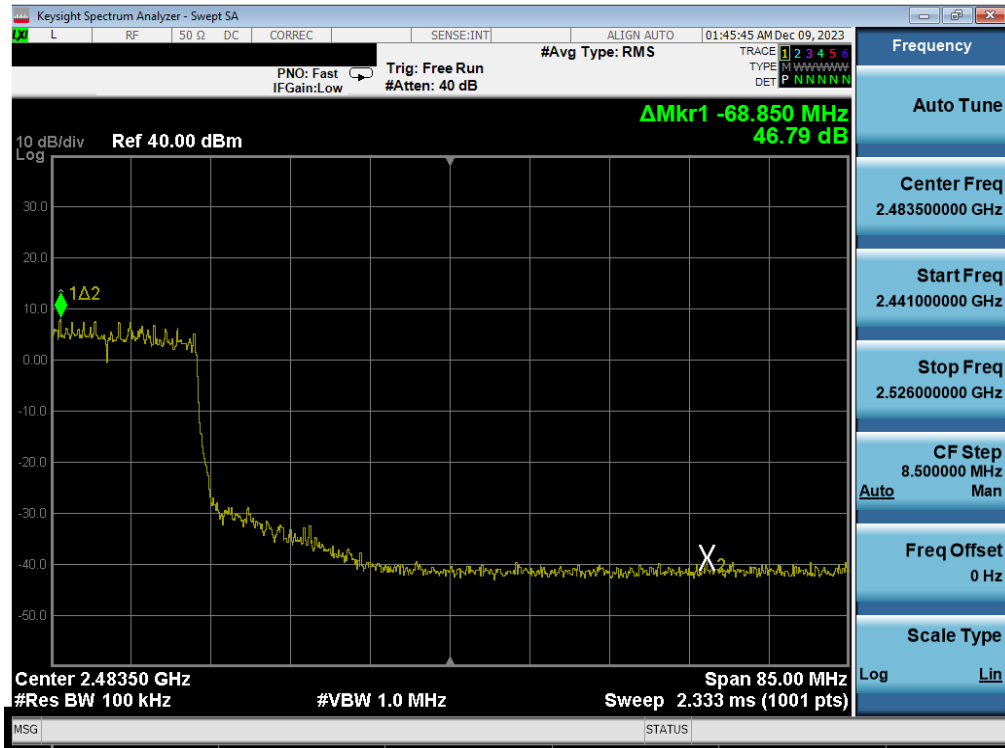


Plot 7-275. Band Edge Plot Antenna 3a (802.11ax (SU - 2.4GHz) – Ch. 6 (high)) – MCS9

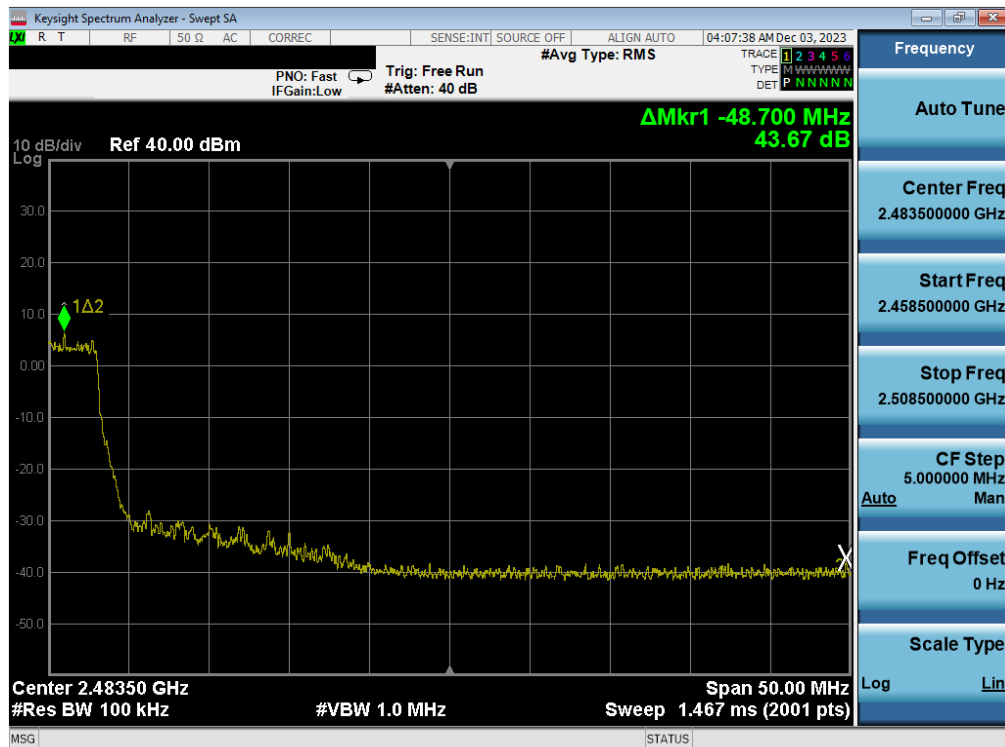


Plot 7-276. Band Edge Plot Antenna 3a (802.11ax (SU - 2.4GHz) – Ch. 7) – MCS9

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 181 of 388

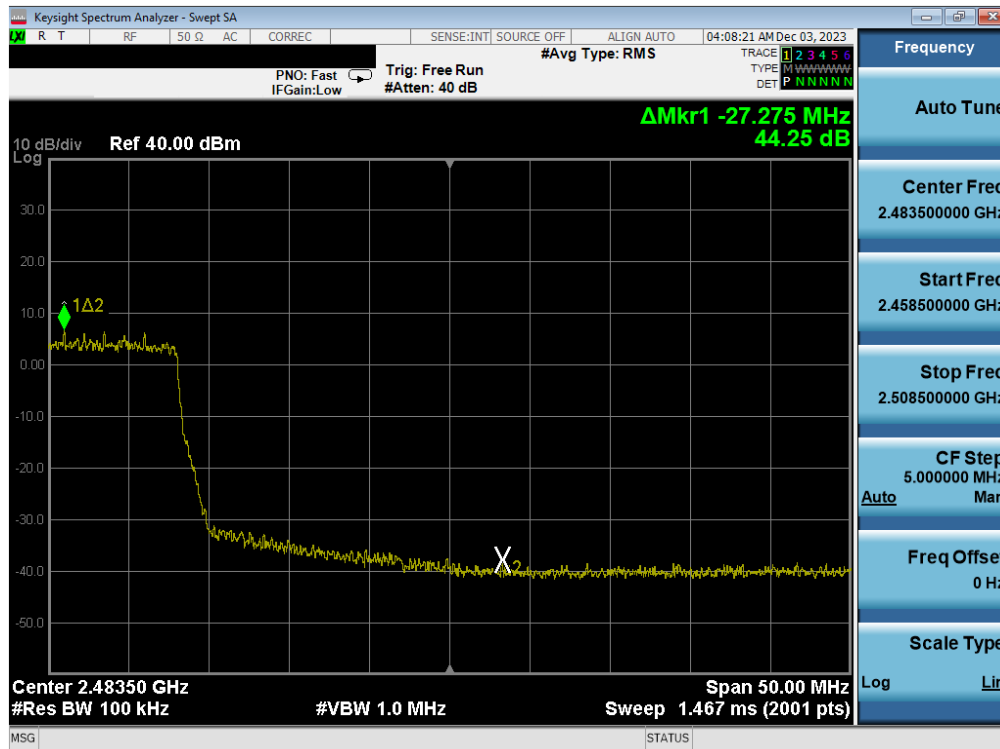


Plot 7-277. Band Edge Plot Antenna 3a (802.11ax (SU - 2.4GHz) – Ch. 8) – MCS9

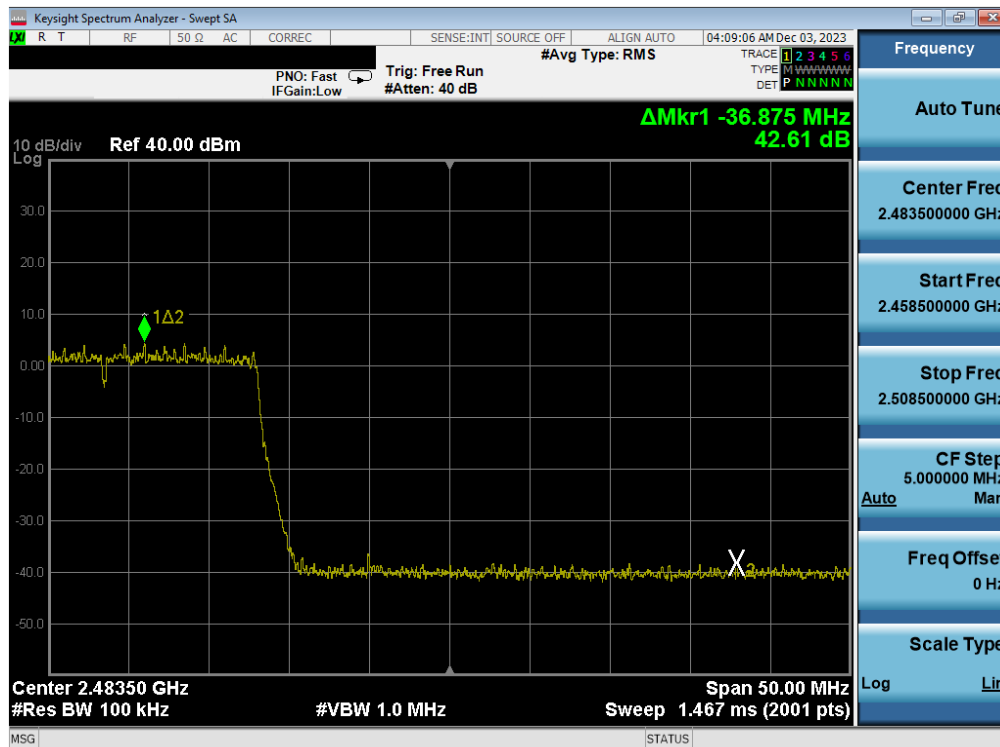


Plot 7-278. Band Edge Plot Antenna 3a (802.11ax (SU - 2.4GHz) – Ch. 9) – MCS9

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 182 of 388

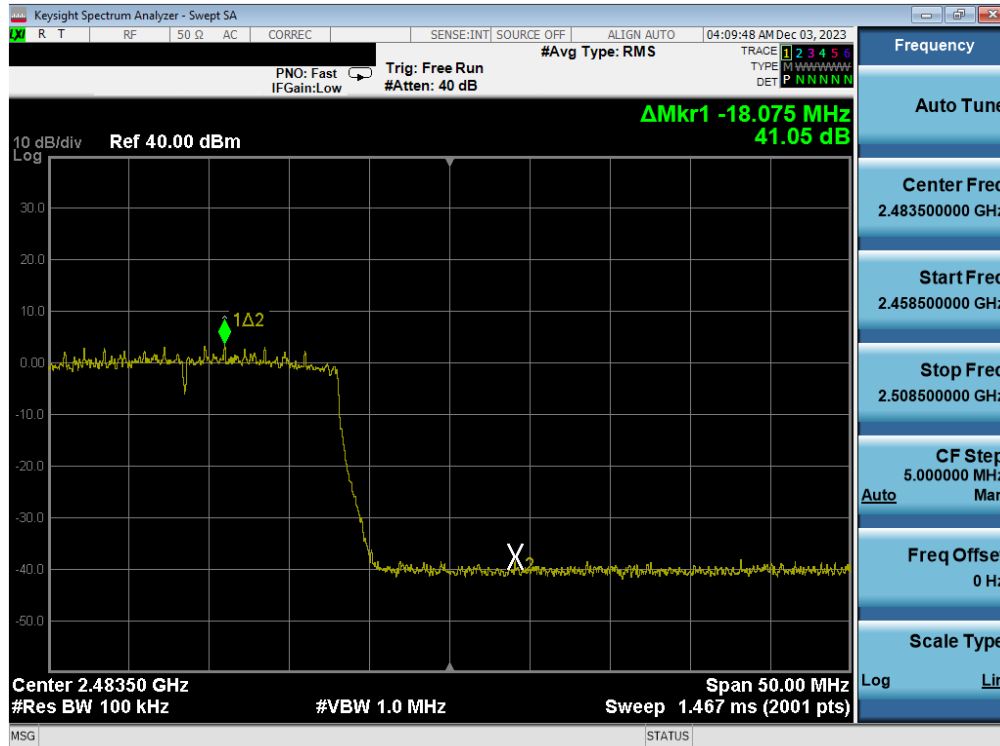


Plot 7-279. Band Edge Plot Antenna 3a (802.11ax (SU - 2.4GHz) – Ch. 10) – MCS9



Plot 7-280. Band Edge Plot Antenna 3a (802.11ax (SU - 2.4GHz) – Ch. 11) – MCS9

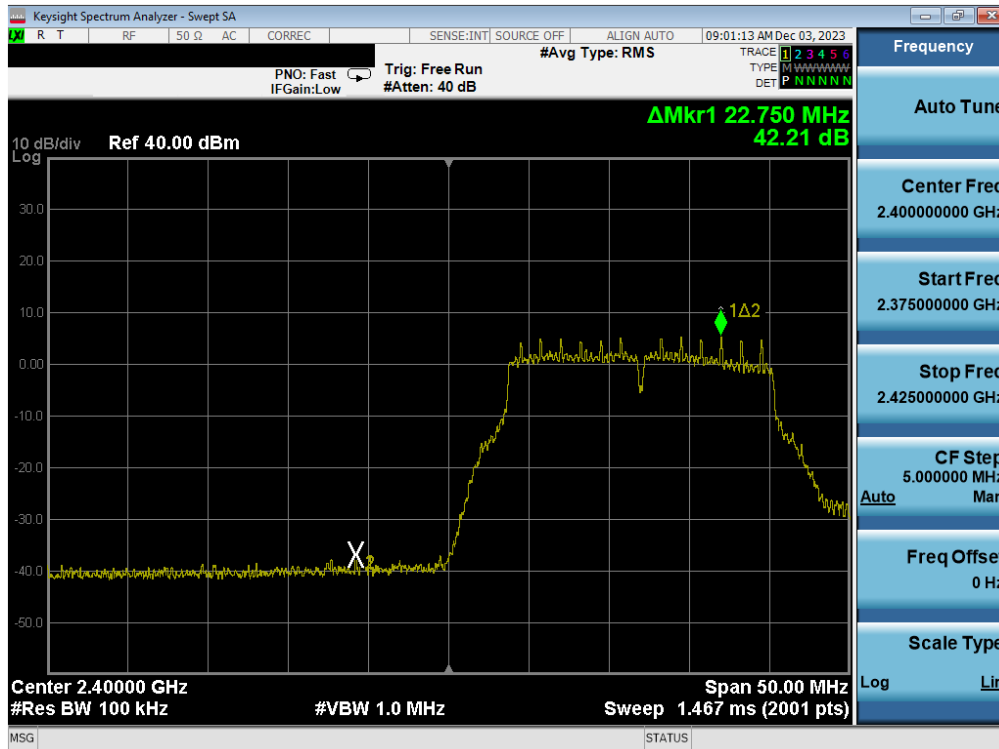
FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 183 of 388



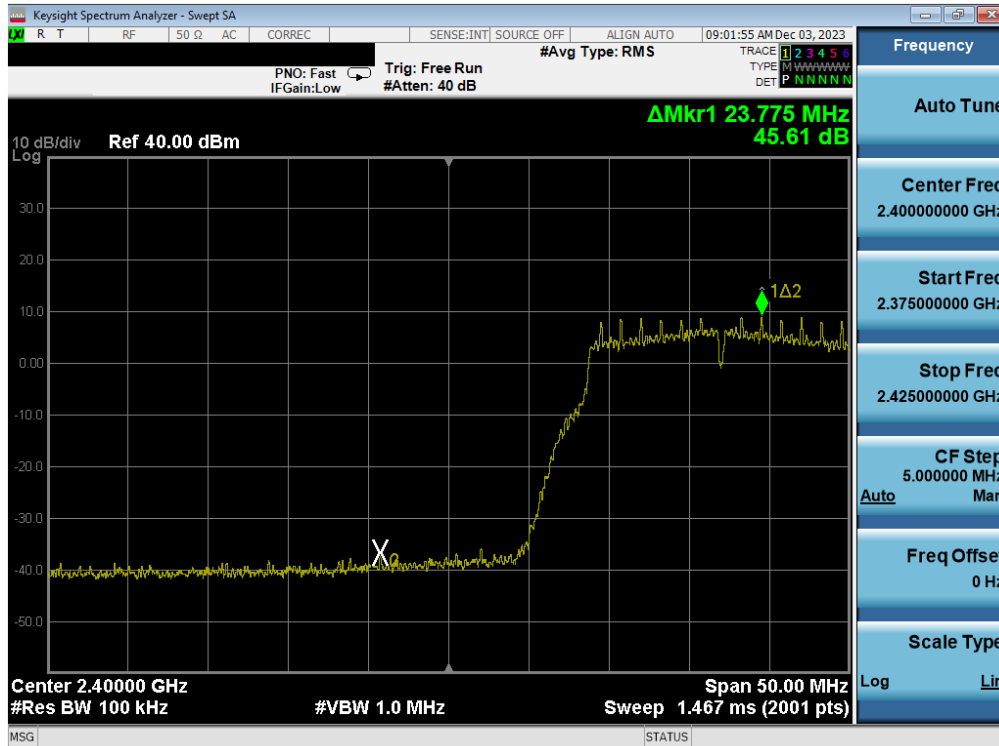
Plot 7-281. Band Edge Plot Antenna 3a (802.11ax (SU - 2.4GHz) – Ch. 12) – MCS9

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 184 of 388

7.5.2 Antenna 1a Conducted Emissions at the Band Edge Low Rate

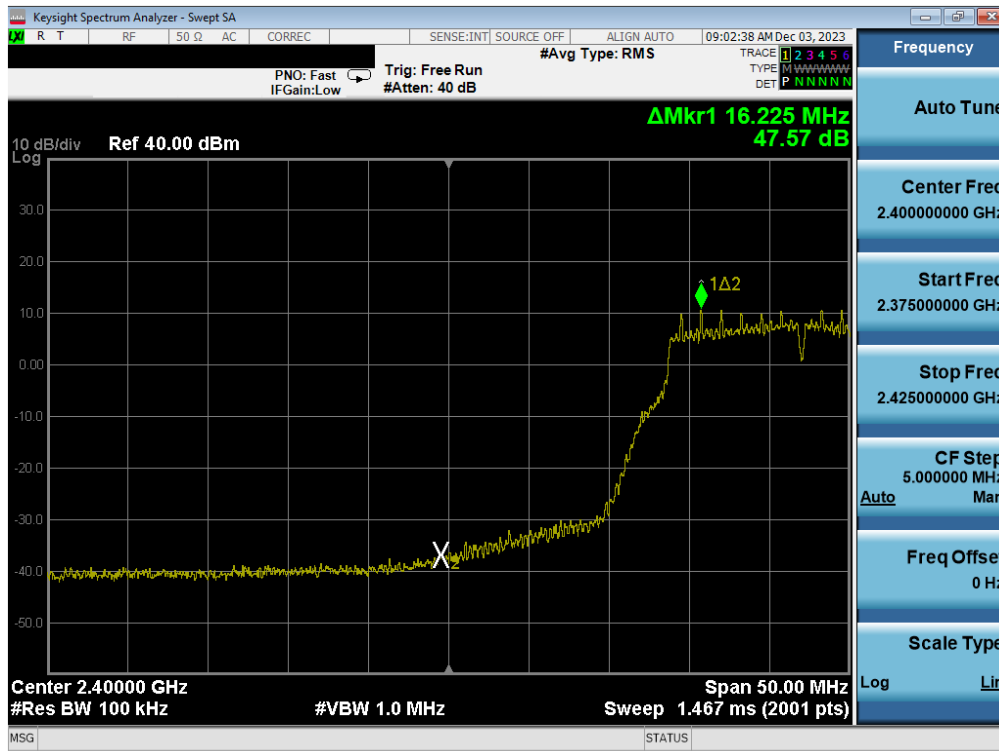


Plot 7-282. Band Edge Plot Antenna 1a (802.11g – Ch. 1) – 12Mbps

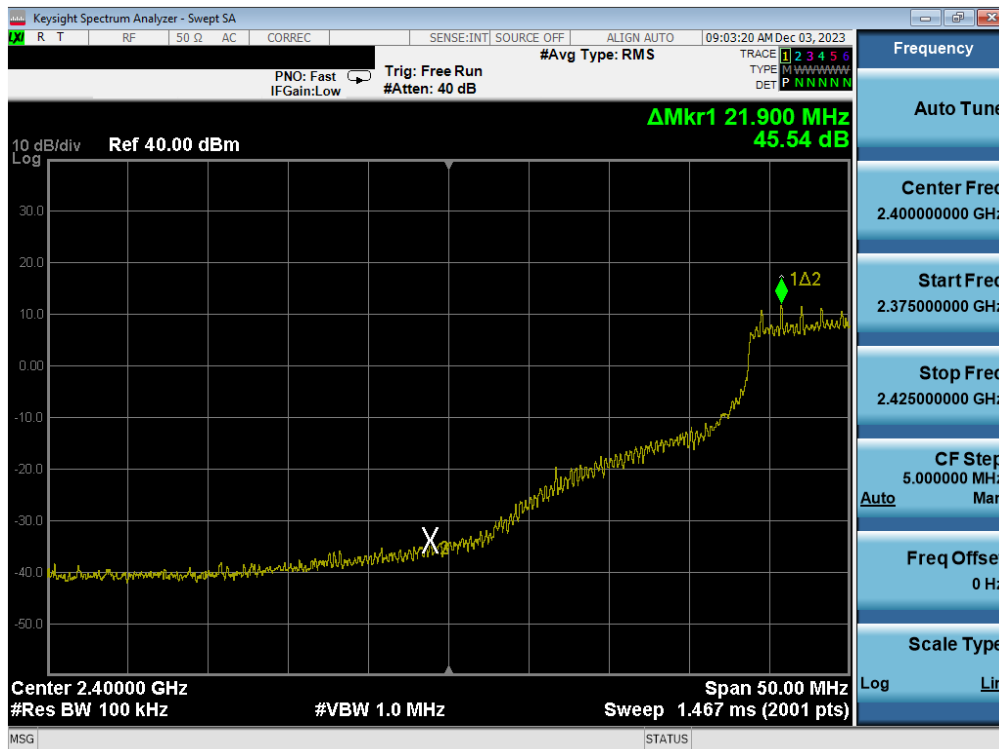


Plot 7-283. Band Edge Plot Antenna 1a (802.11g – Ch. 2) – 12Mbps

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 185 of 388

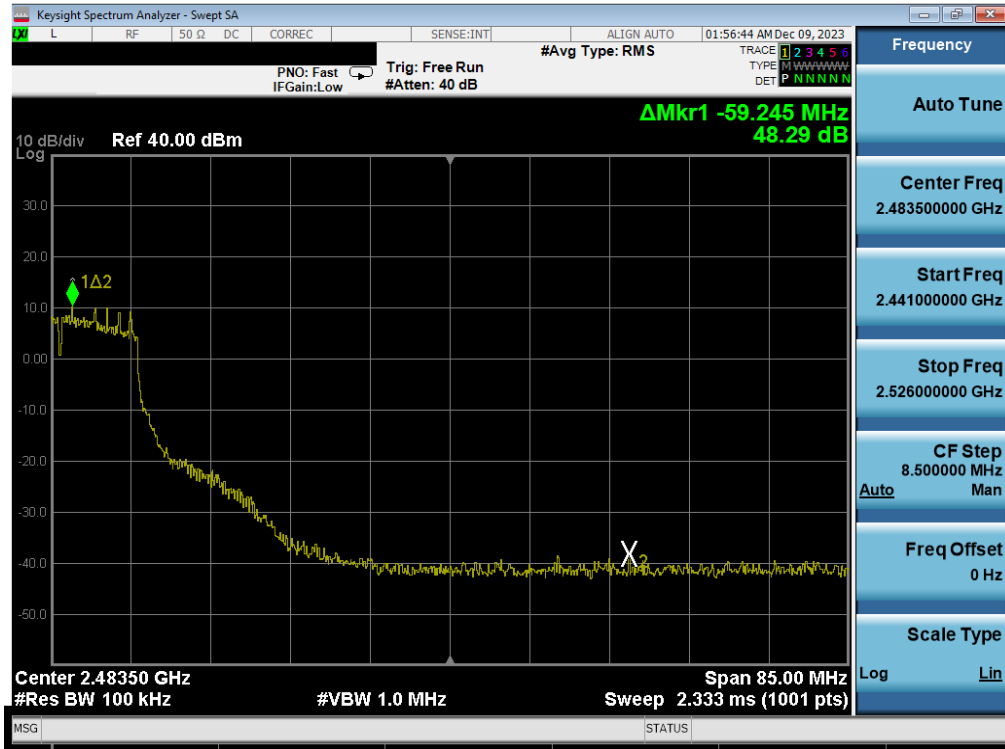


Plot 7-284. Band Edge Plot Antenna 1a (802.11g – Ch. 3) – 12Mbps

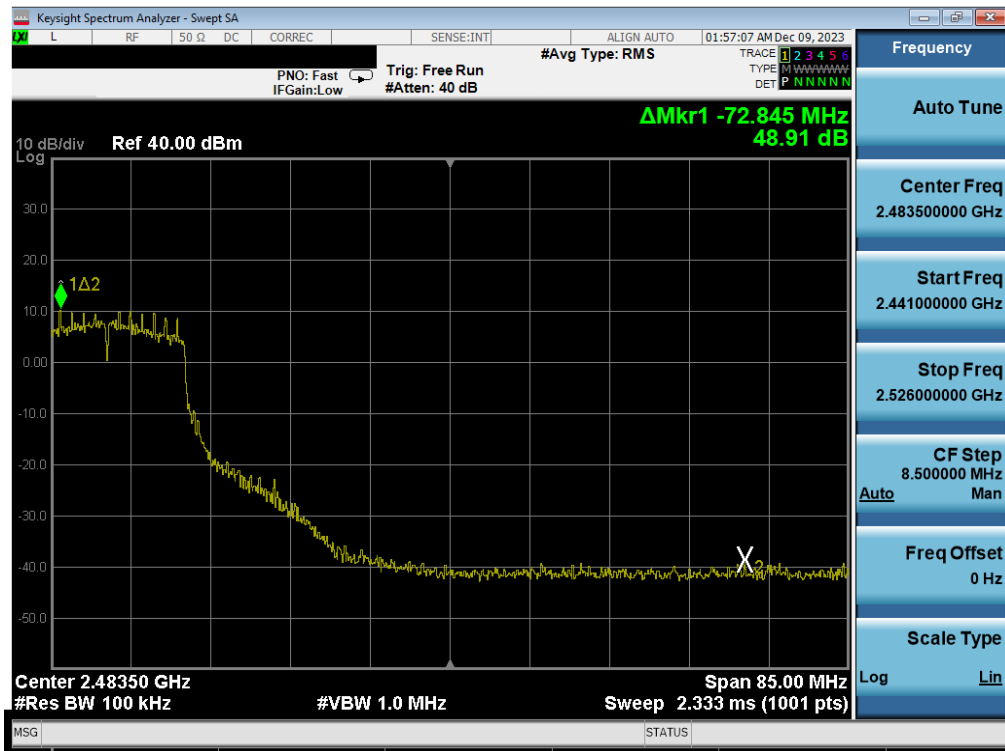


Plot 7-285. Band Edge Plot Antenna 1a (802.11g – Ch. 4) – 12Mbps

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 186 of 388

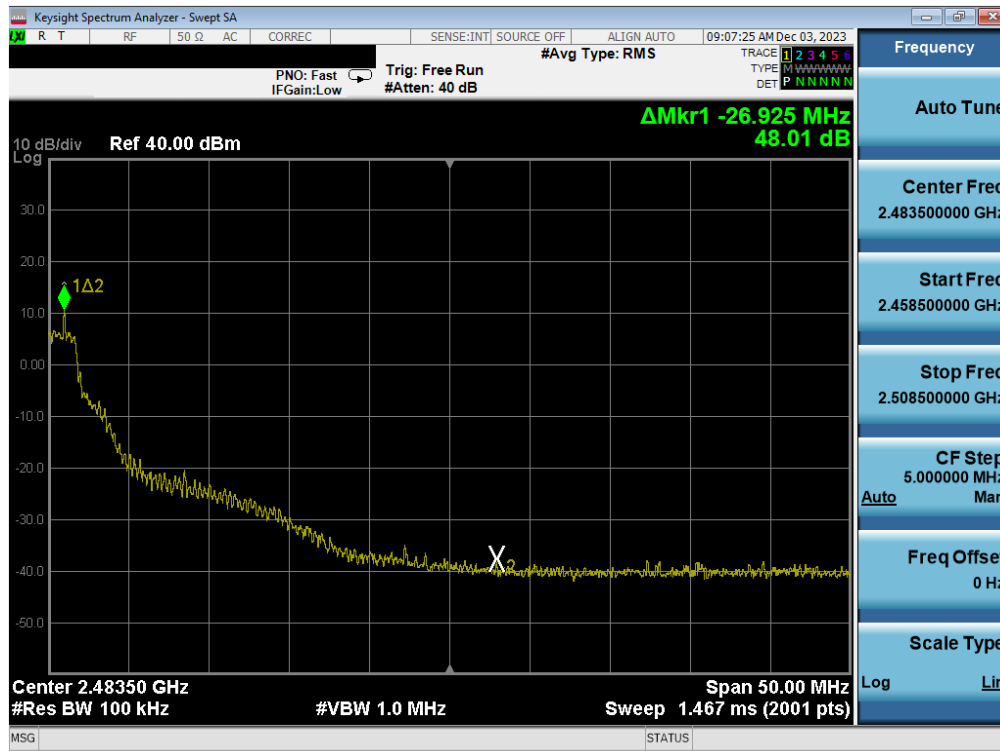


Plot 7-286. Band Edge Plot Antenna 1a (802.11g – Ch. 7) – 12Mbps

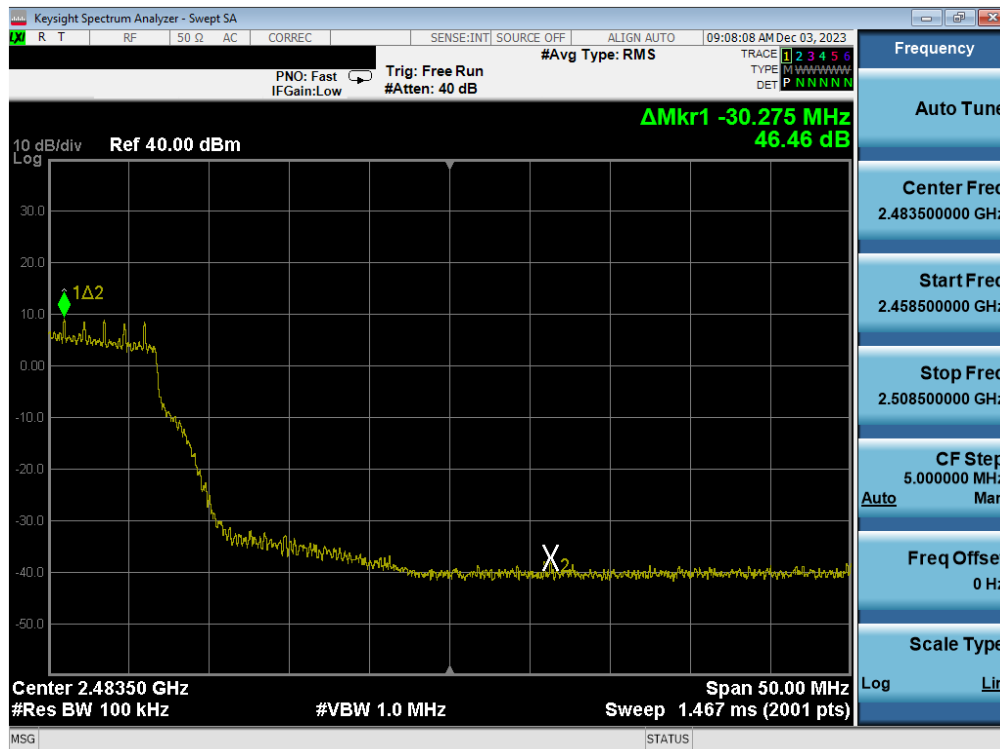


Plot 7-287. Band Edge Plot Antenna 1a (802.11g – Ch. 8) – 12Mbps

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 187 of 388

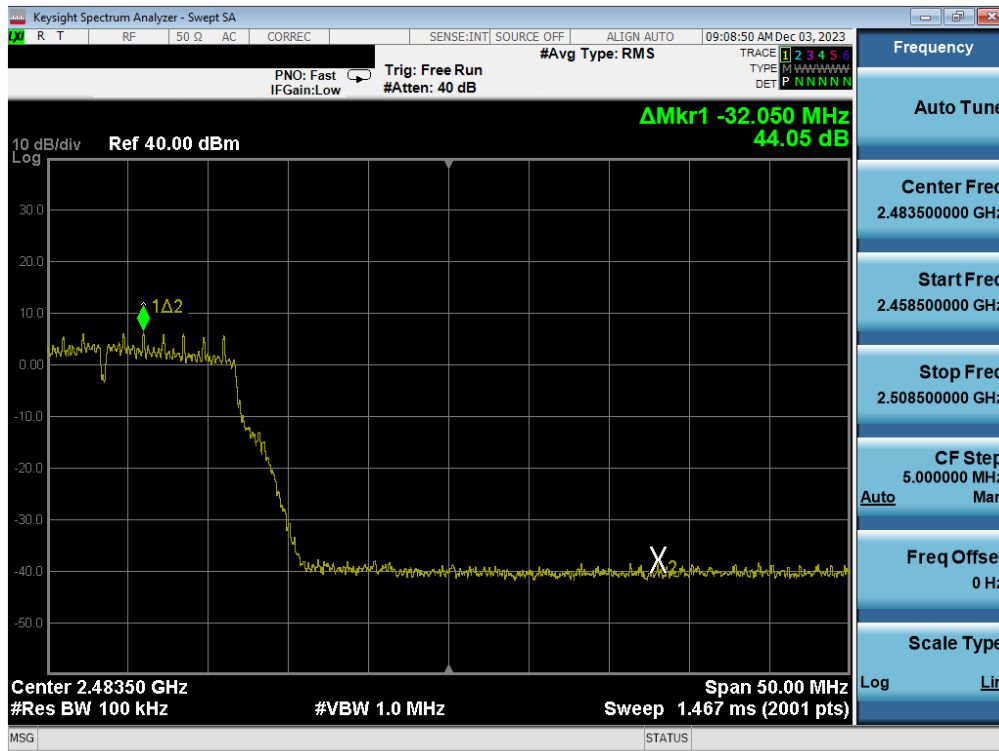


Plot 7-288. Band Edge Plot Antenna 1a (802.11g – Ch. 9) – 12Mbps

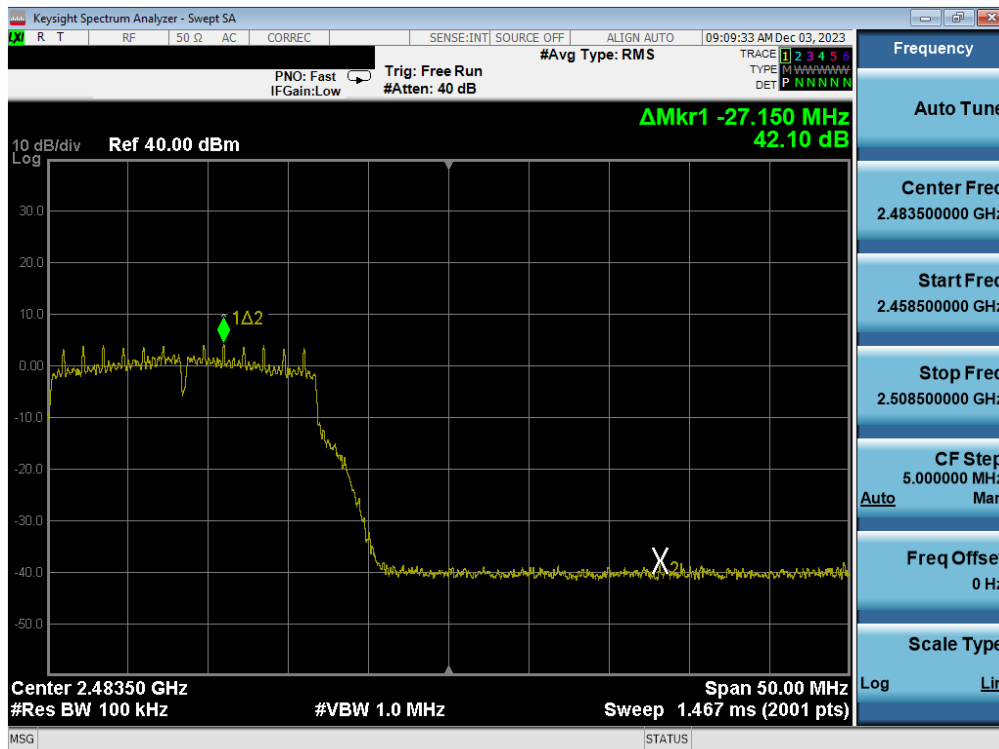


Plot 7-289. Band Edge Plot Antenna 1a (802.11g – Ch. 10) – 12Mbps

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 188 of 388

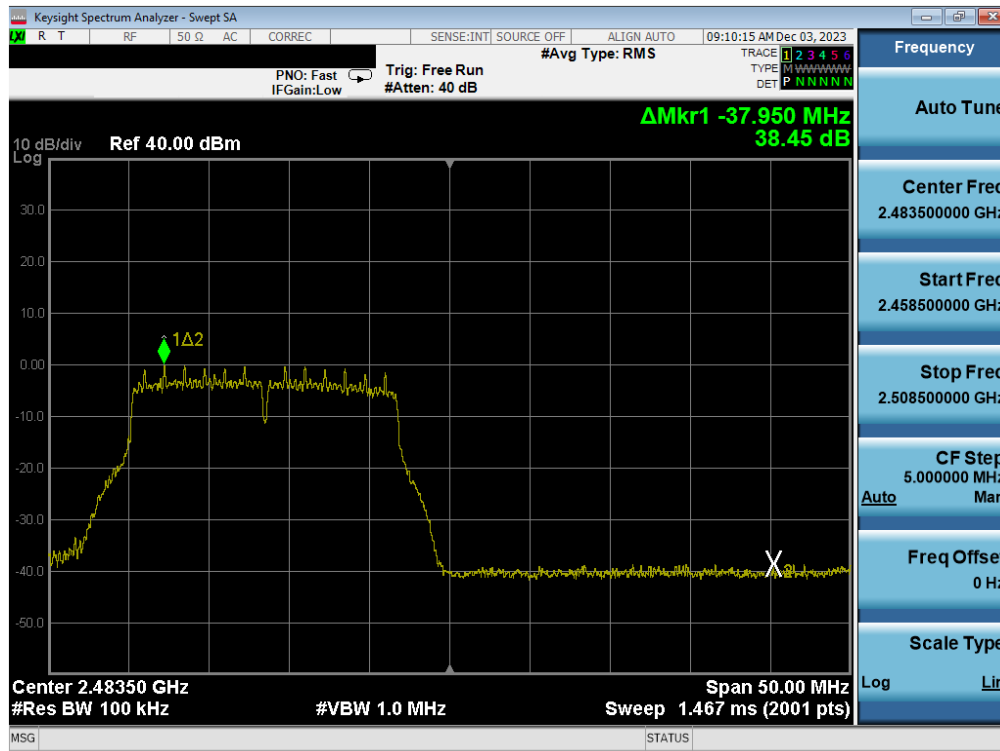


Plot 7-290. Band Edge Plot Antenna 1a (802.11g – Ch. 11) – 12Mbps

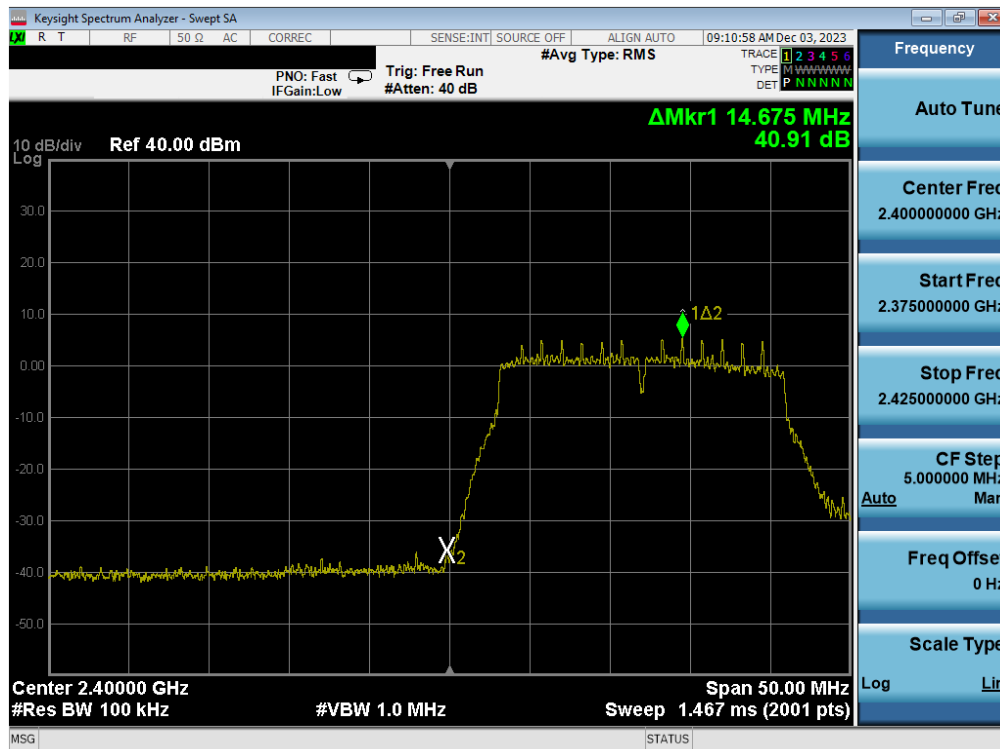


Plot 7-291. Band Edge Plot Antenna 1a (802.11g – Ch. 12) – 12Mbps

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 189 of 388

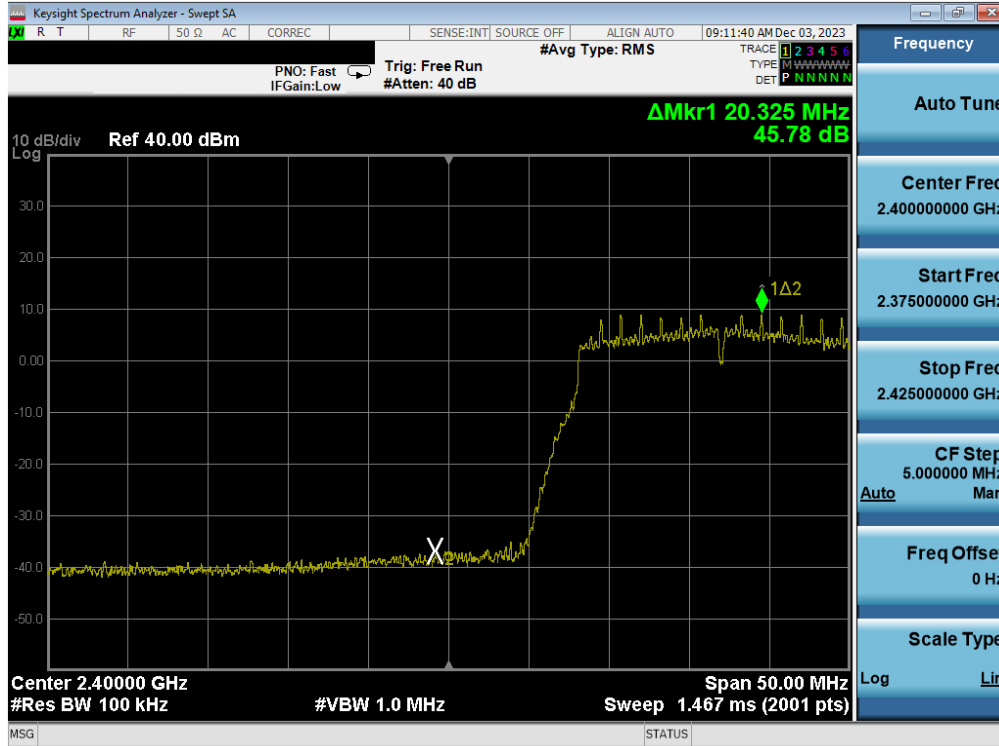


Plot 7-292. Band Edge Plot Antenna 1a (802.11g – Ch. 13) – 12Mbps

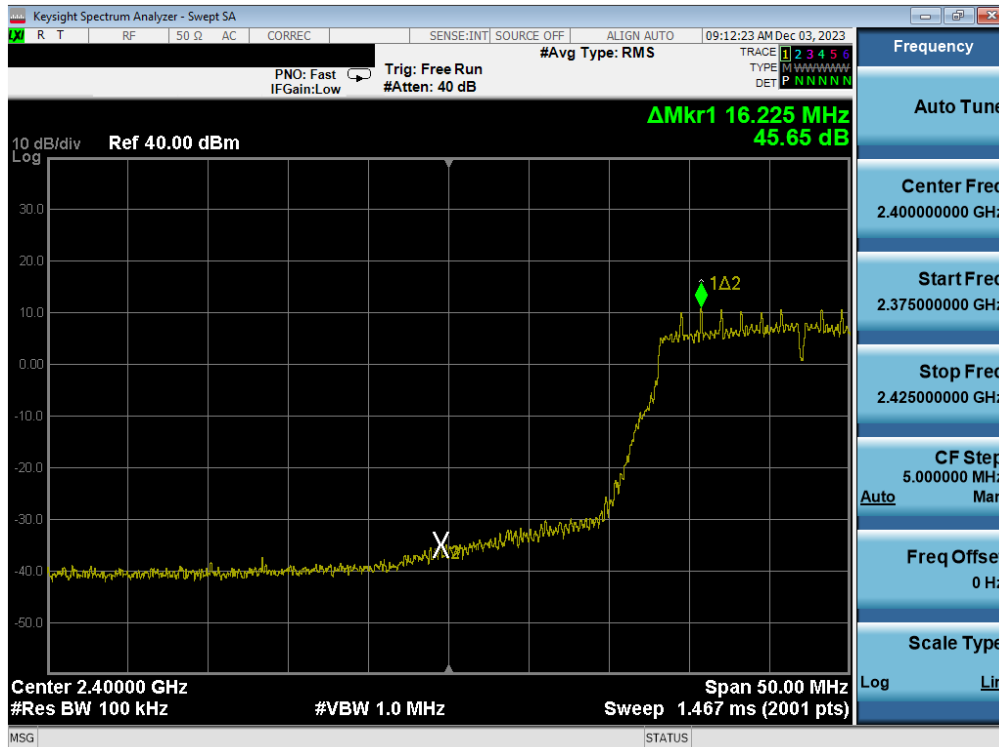


Plot 7-293. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 1) – MCS2

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 190 of 388

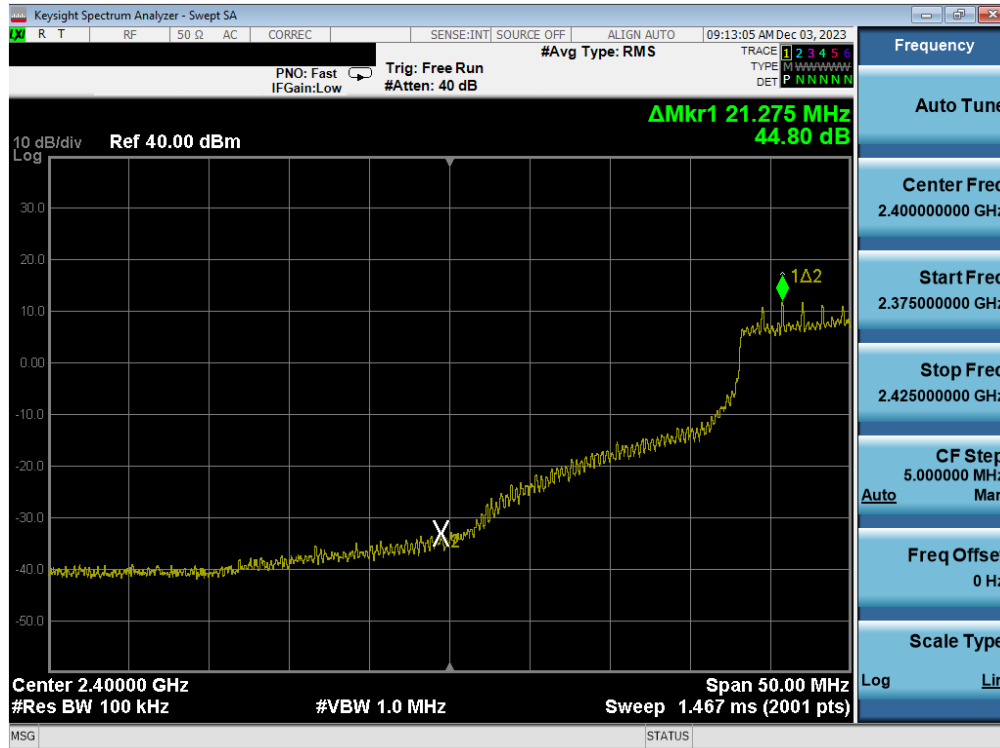


Plot 7-294. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 2) – MCS2

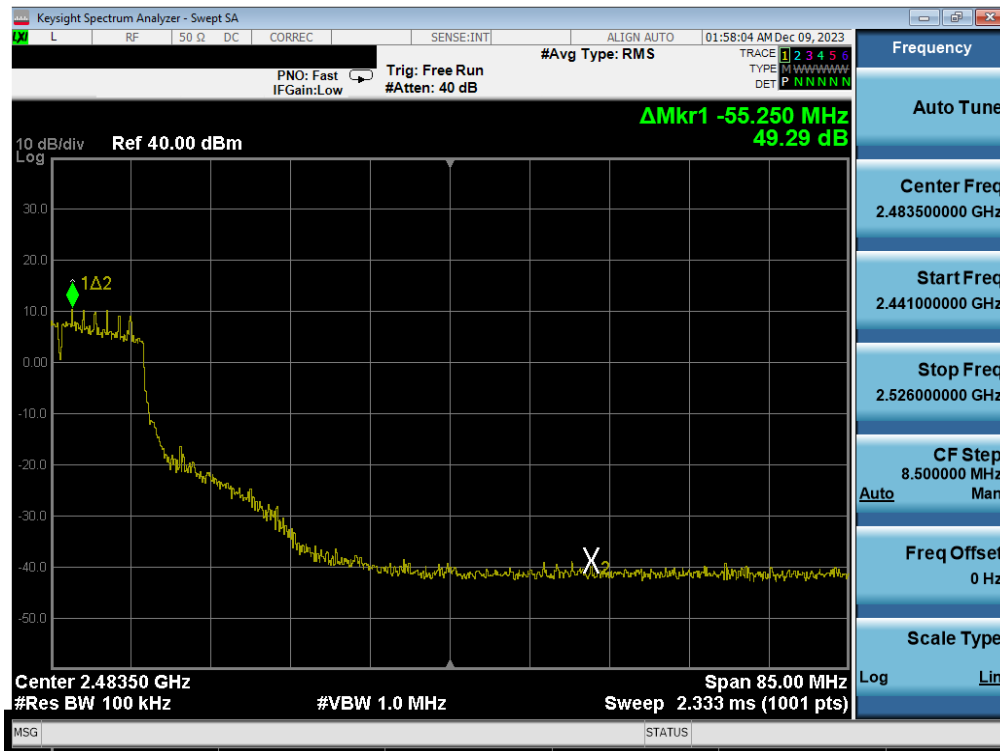


Plot 7-295. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 3) – MCS2

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 191 of 388

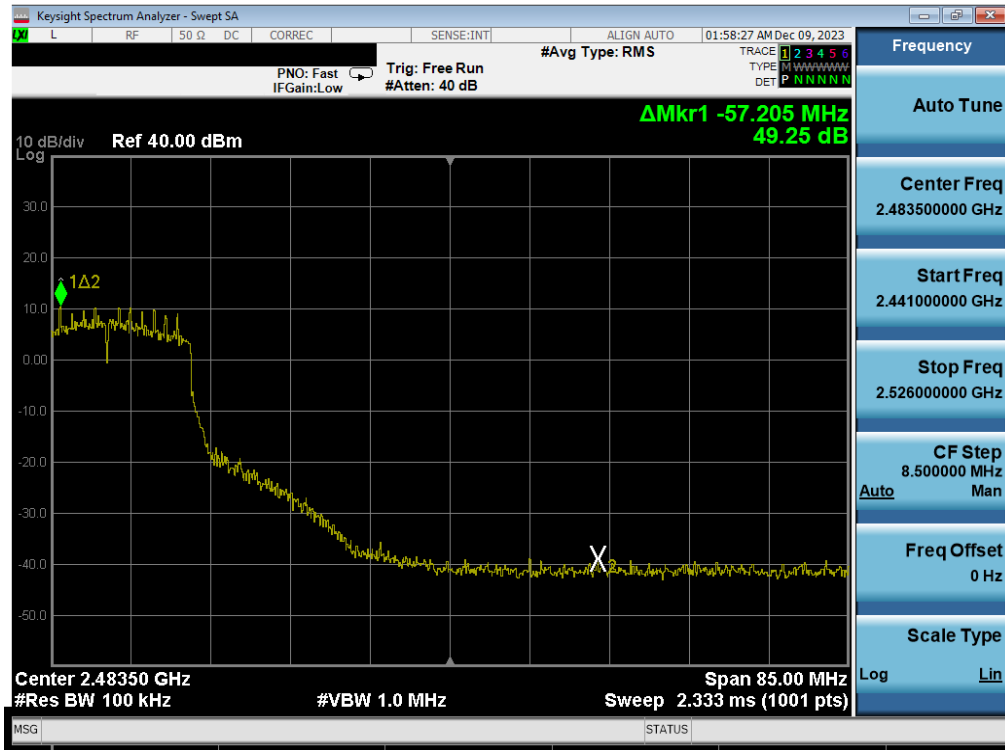


Plot 7-296. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 4) – MCS2

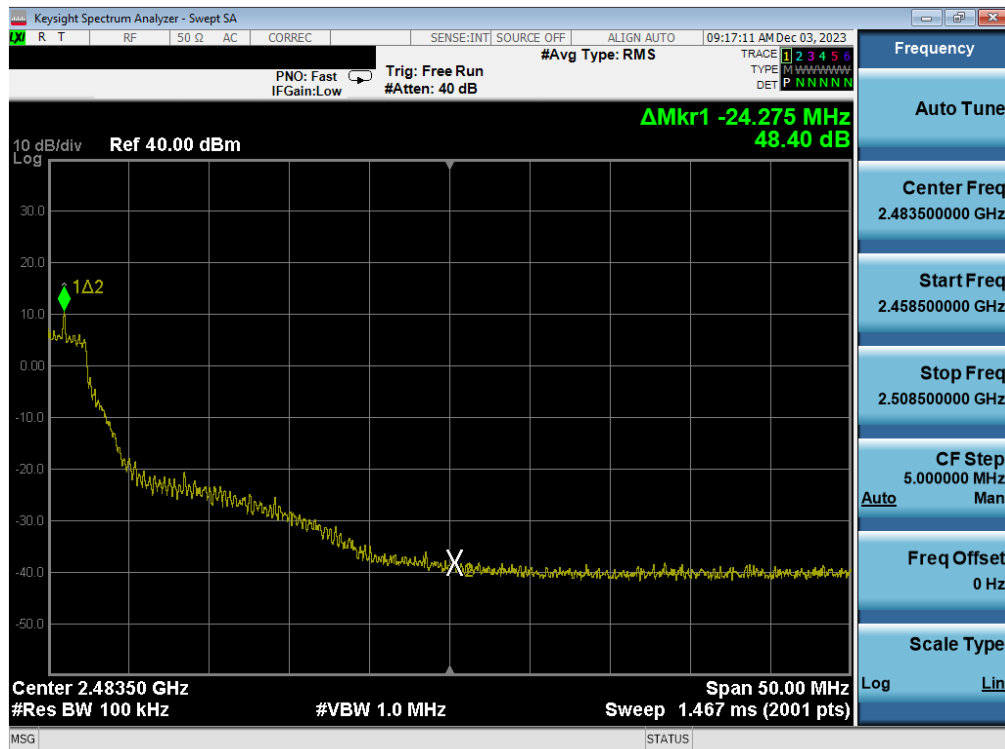


Plot 7-297. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 7) – MCS2

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 192 of 388

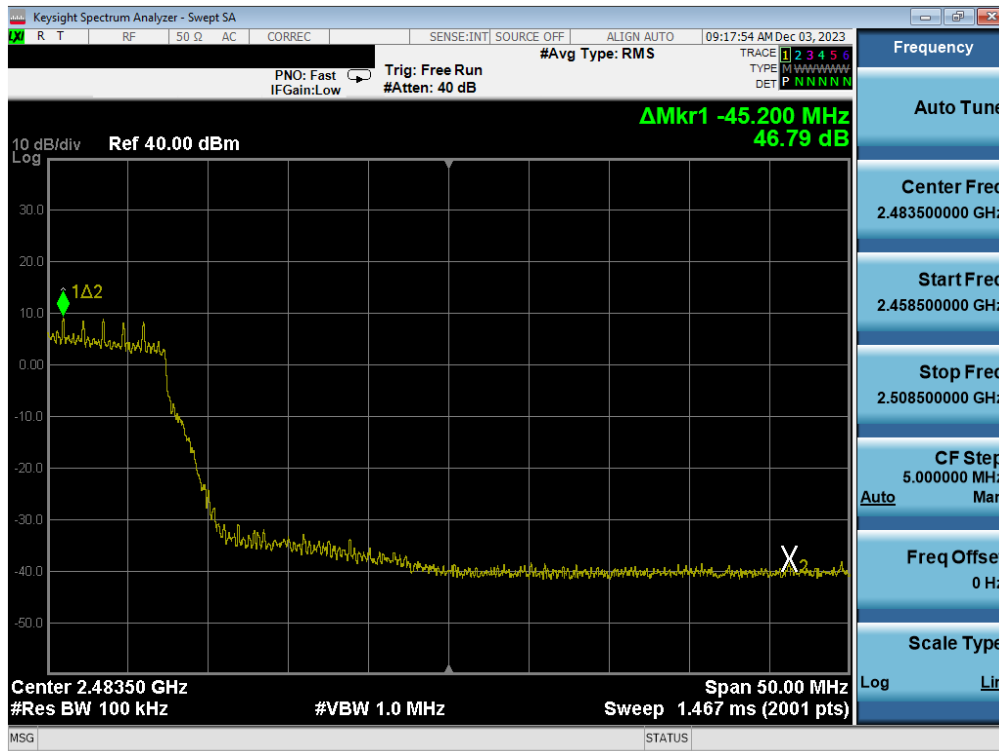


Plot 7-298. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 8) – MCS2

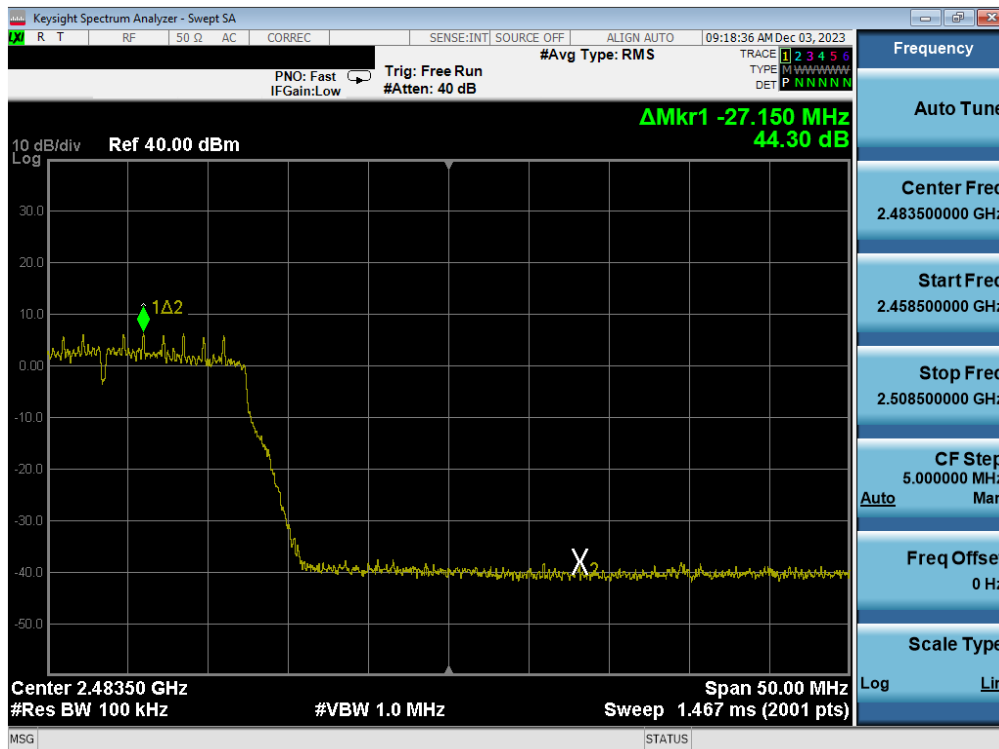


Plot 7-299. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 9) – MCS2

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 193 of 388

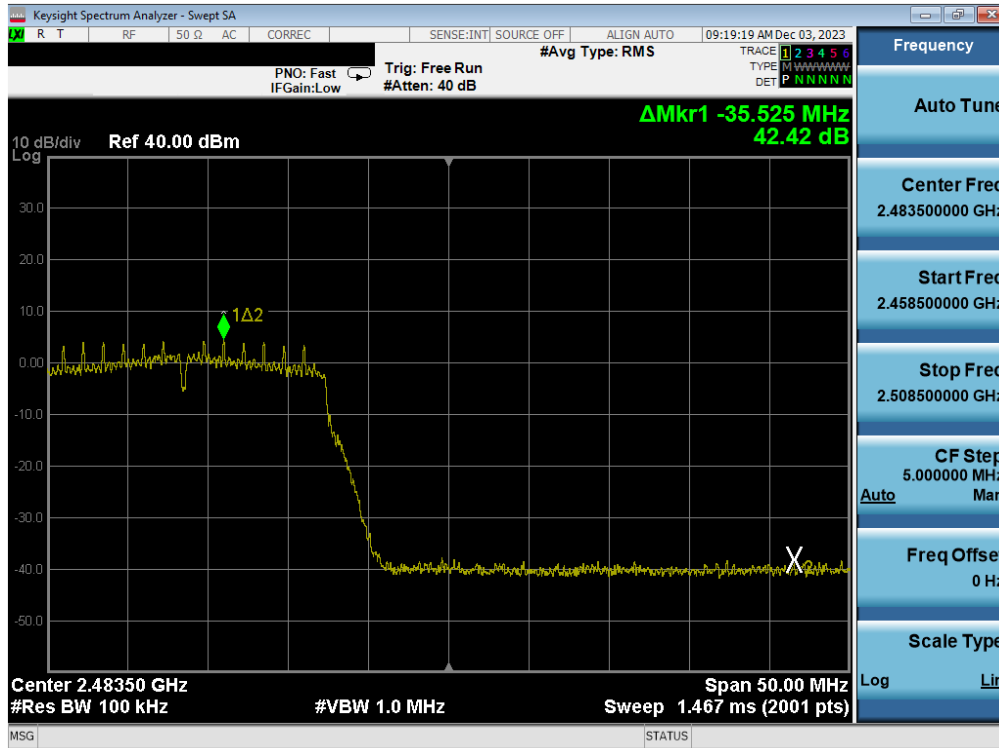


Plot 7-300. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 10) – MCS2

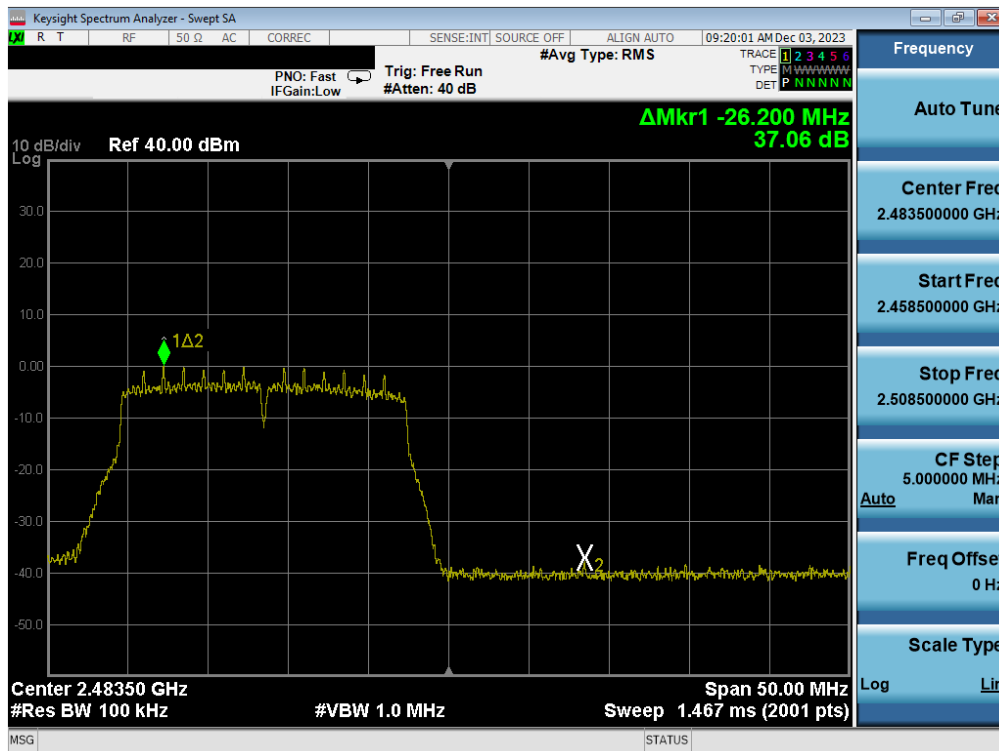


Plot 7-301. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 11) – MCS2

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 194 of 388

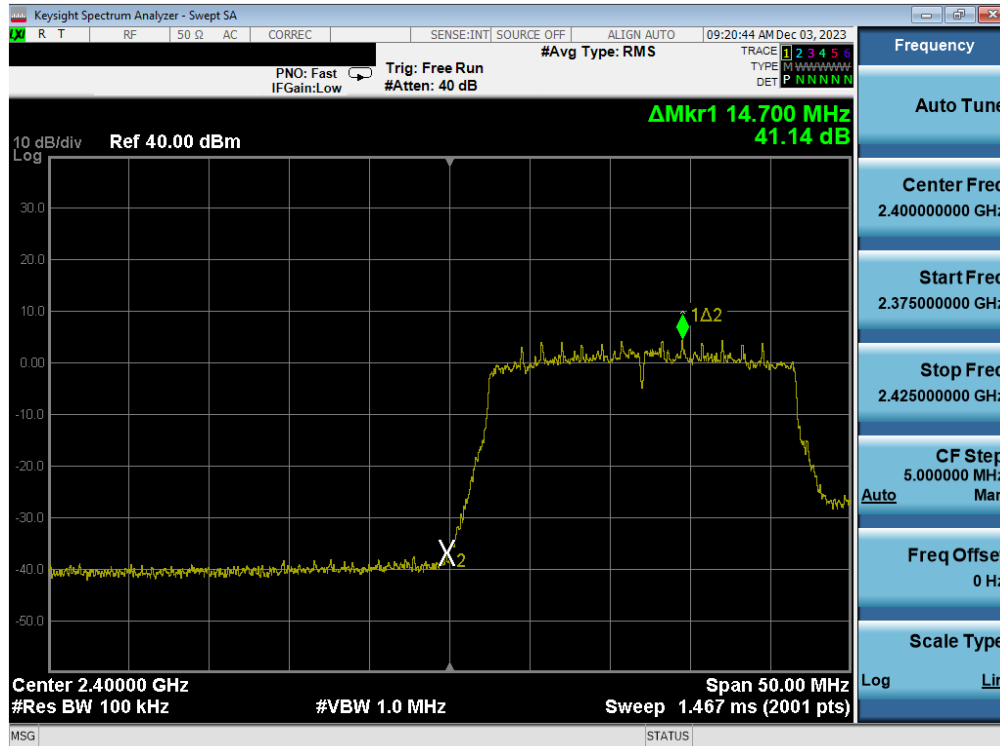


Plot 7-302. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 12) – MCS2

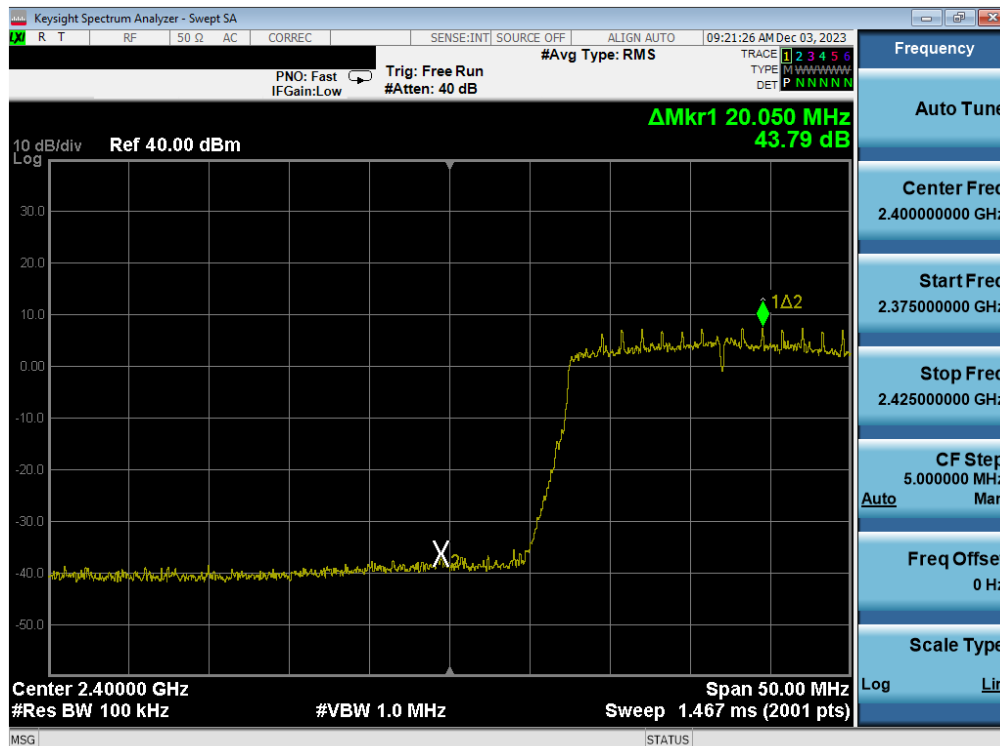


Plot 7-303. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 13) – MCS2

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 195 of 388

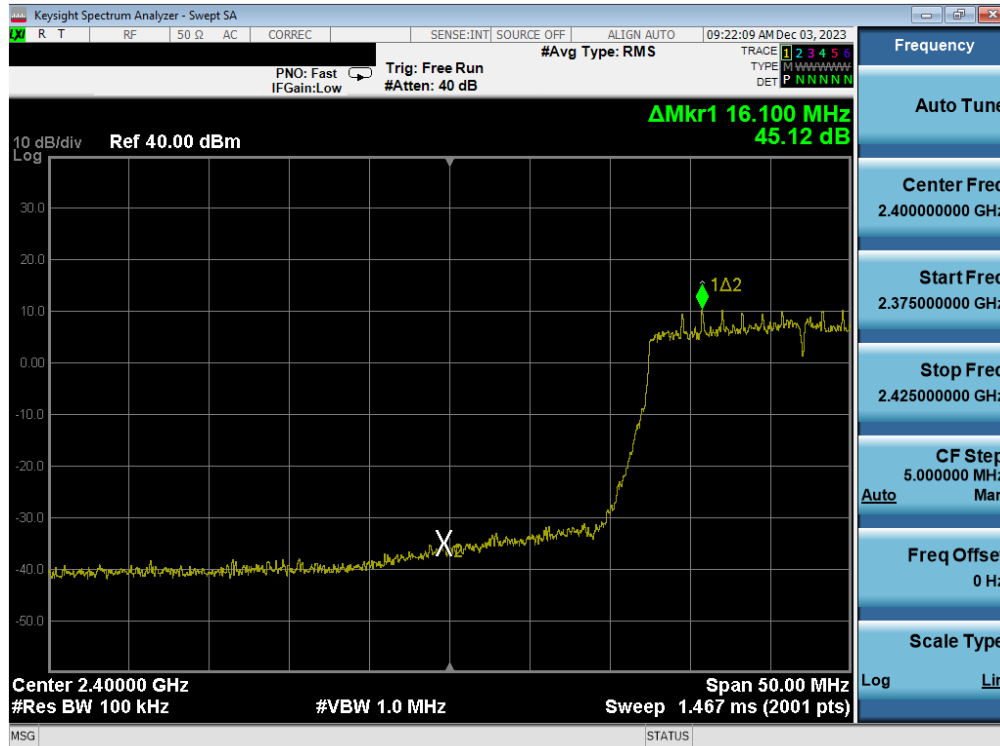


Plot 7-304. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 1) – MCS2

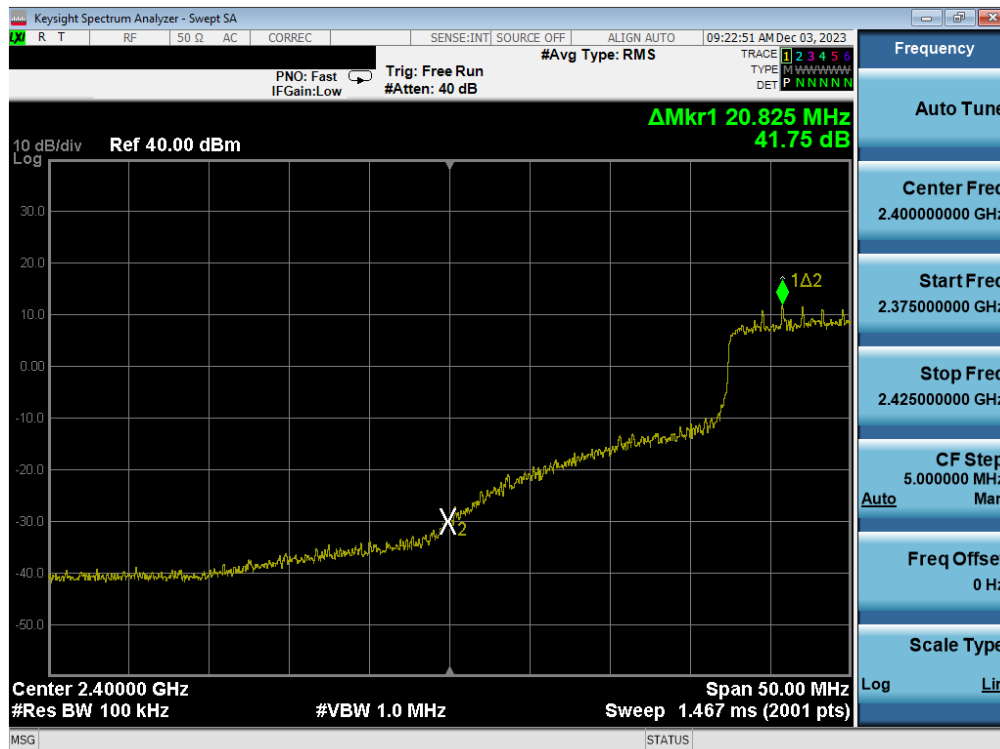


Plot 7-305. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 2) – MCS2

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 196 of 388

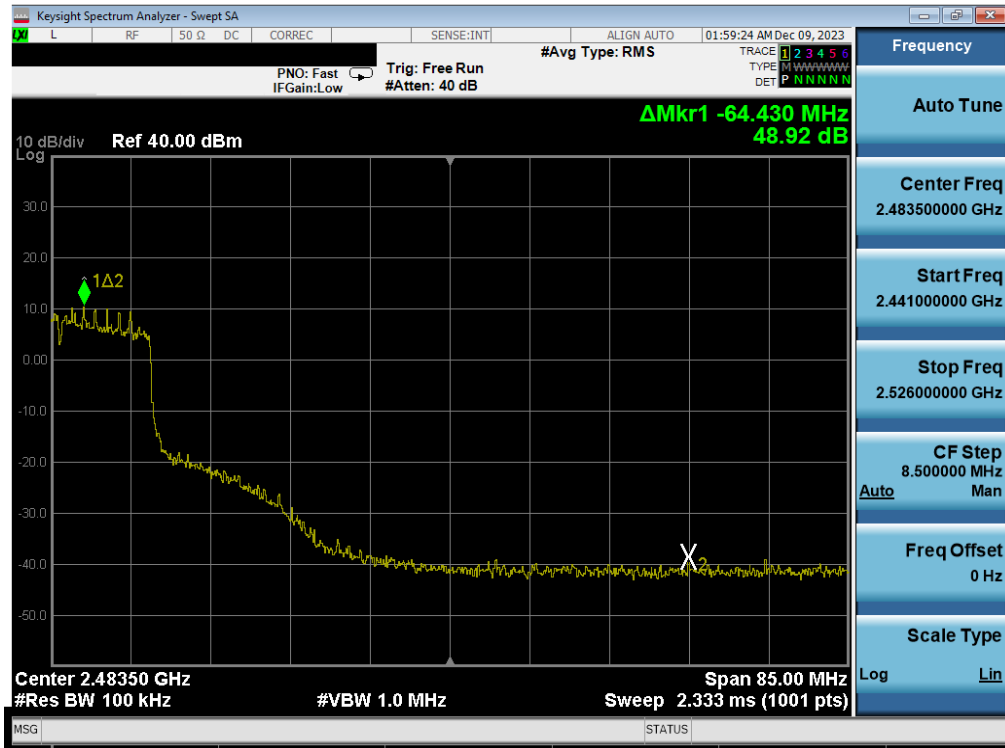


Plot 7-306. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 3) – MCS2

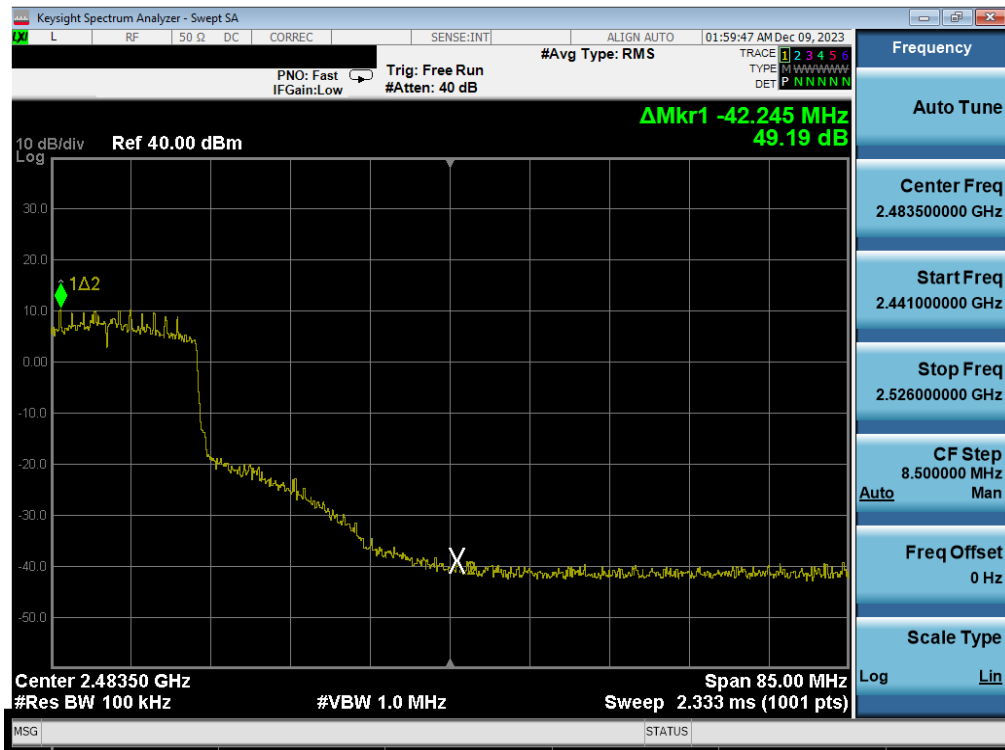


Plot 7-307. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 4) – MCS2

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 197 of 388

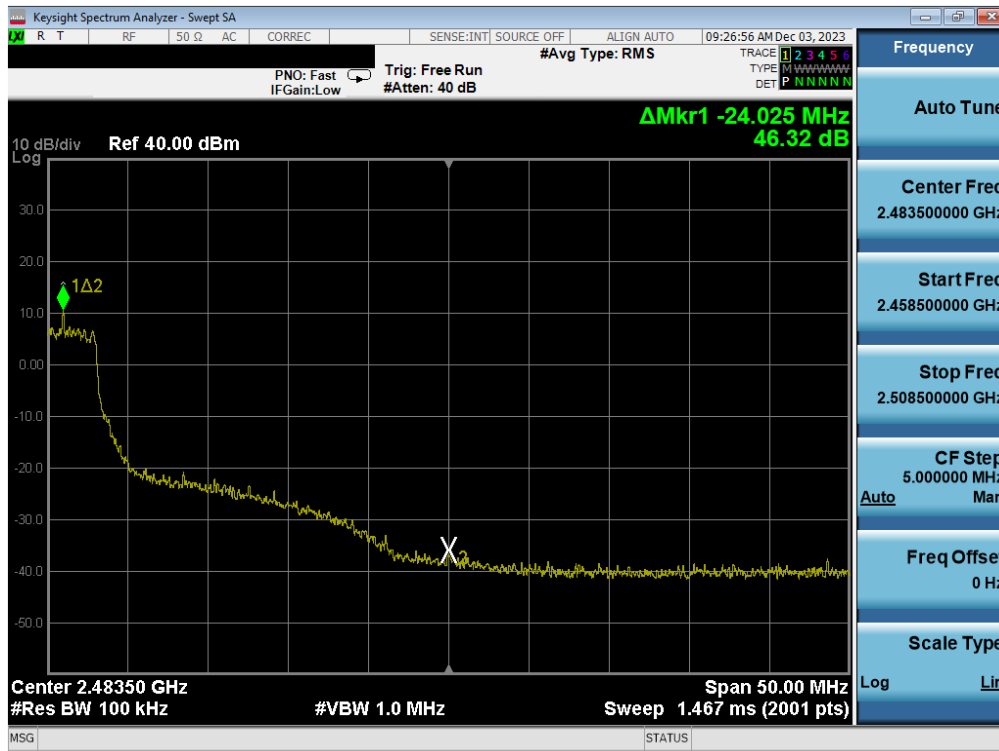


Plot 7-308. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 7) – MCS2

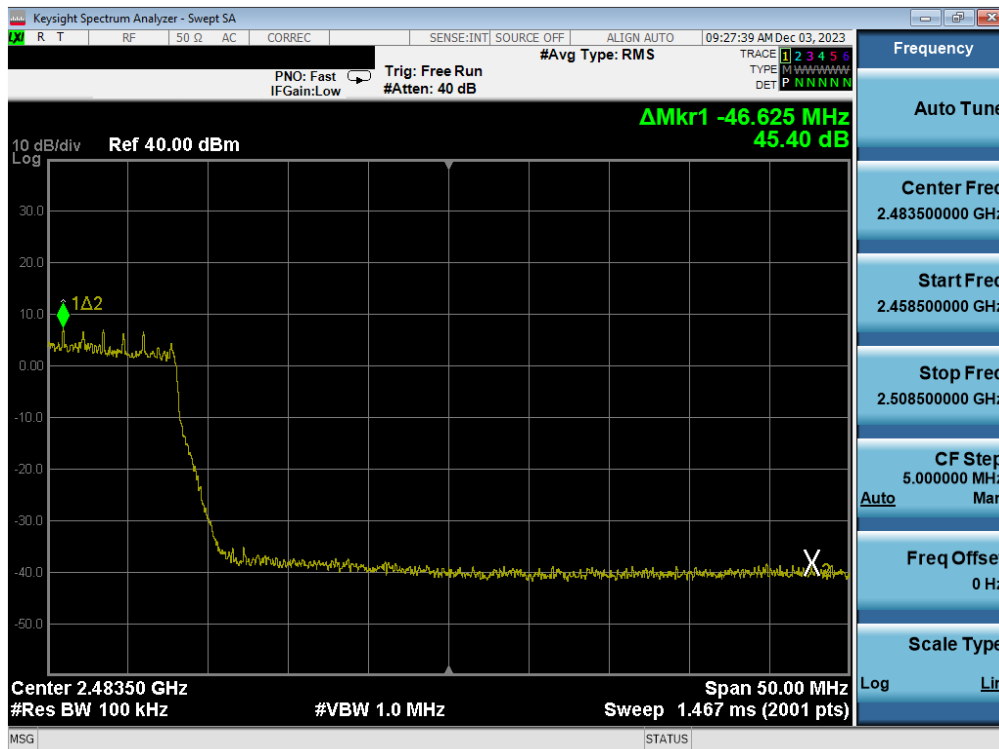


Plot 7-309. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 8) – MCS2

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 198 of 388

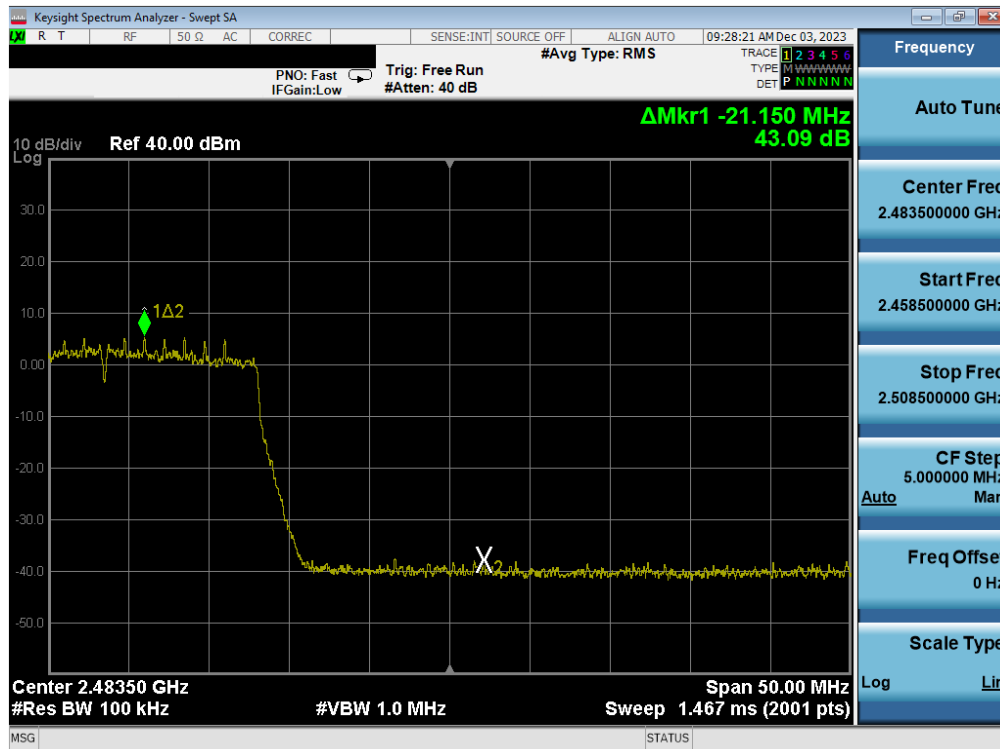


Plot 7-310. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 9) – MCS2

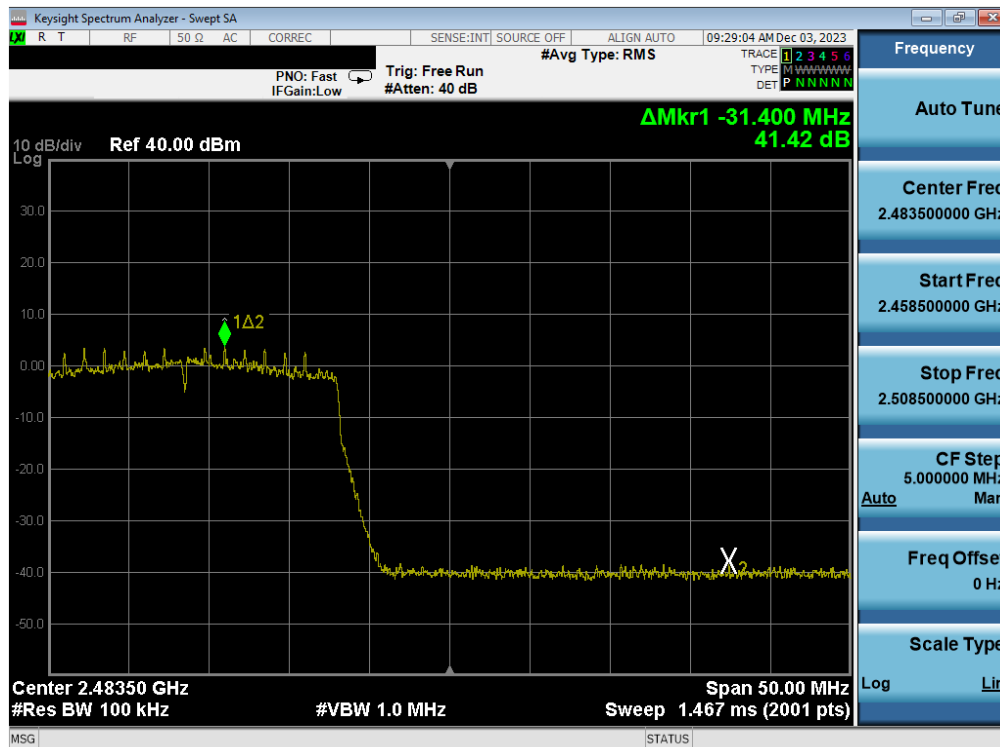


Plot 7-311. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 10) – MCS2

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 199 of 388



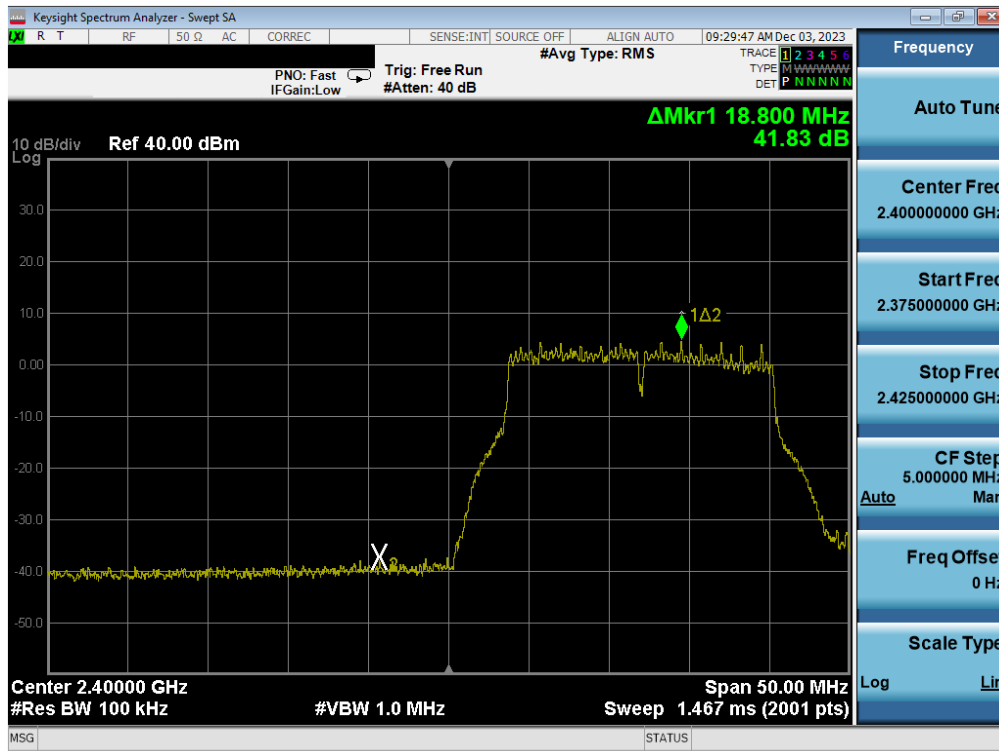
Plot 7-312. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 11) – MCS2



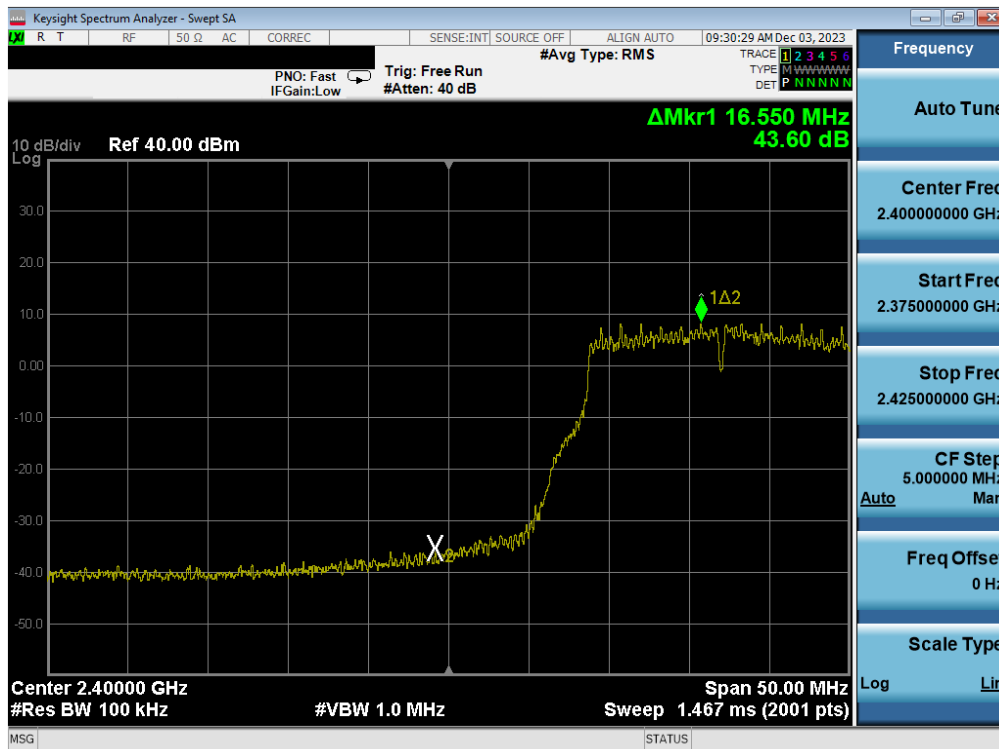
Plot 7-313. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 12) – MCS2

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 200 of 388

Mid Rate

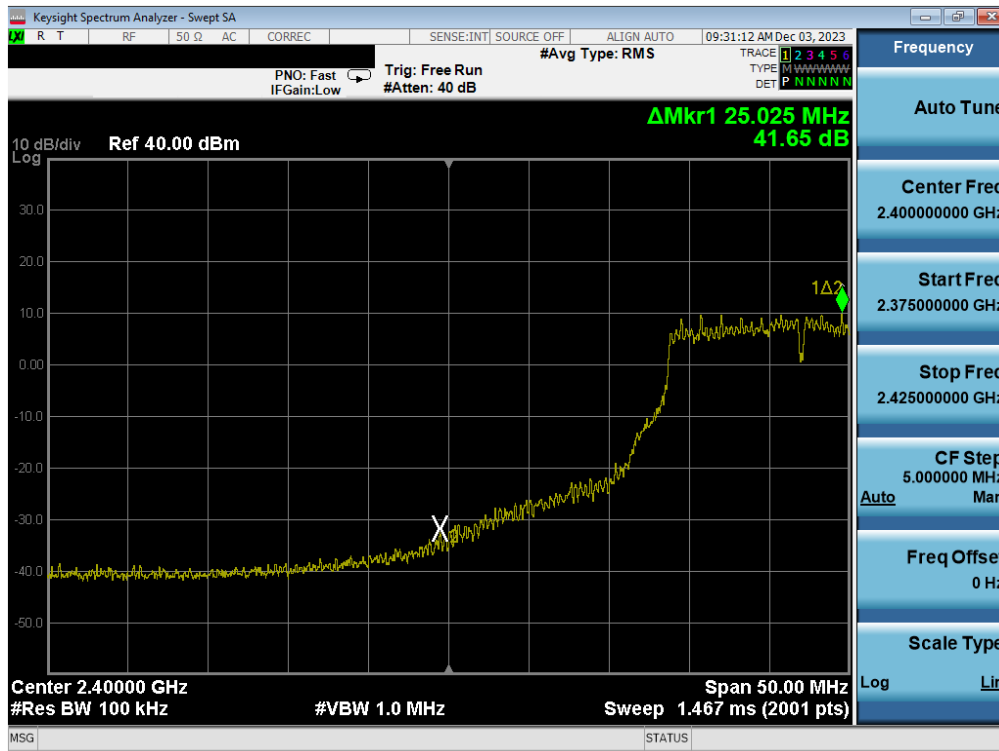


Plot 7-314. Band Edge Plot Antenna 1a (802.11g – Ch. 1) – 24Mbps

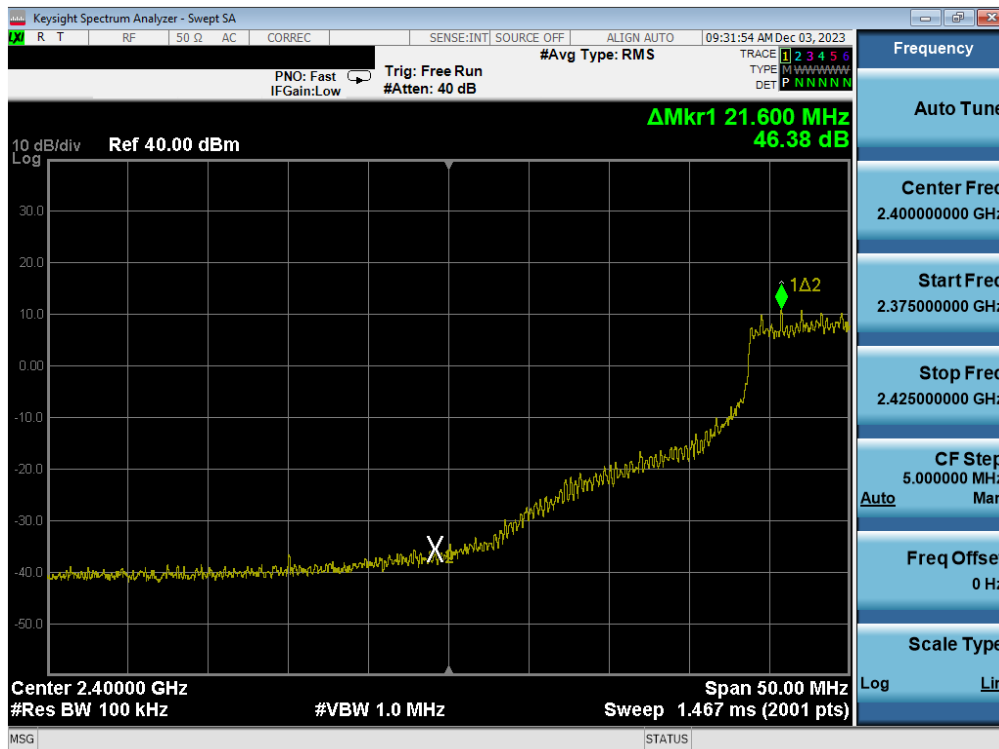


Plot 7-315. Band Edge Plot Antenna 1a (802.11g – Ch. 2) – 24Mbps

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 201 of 388

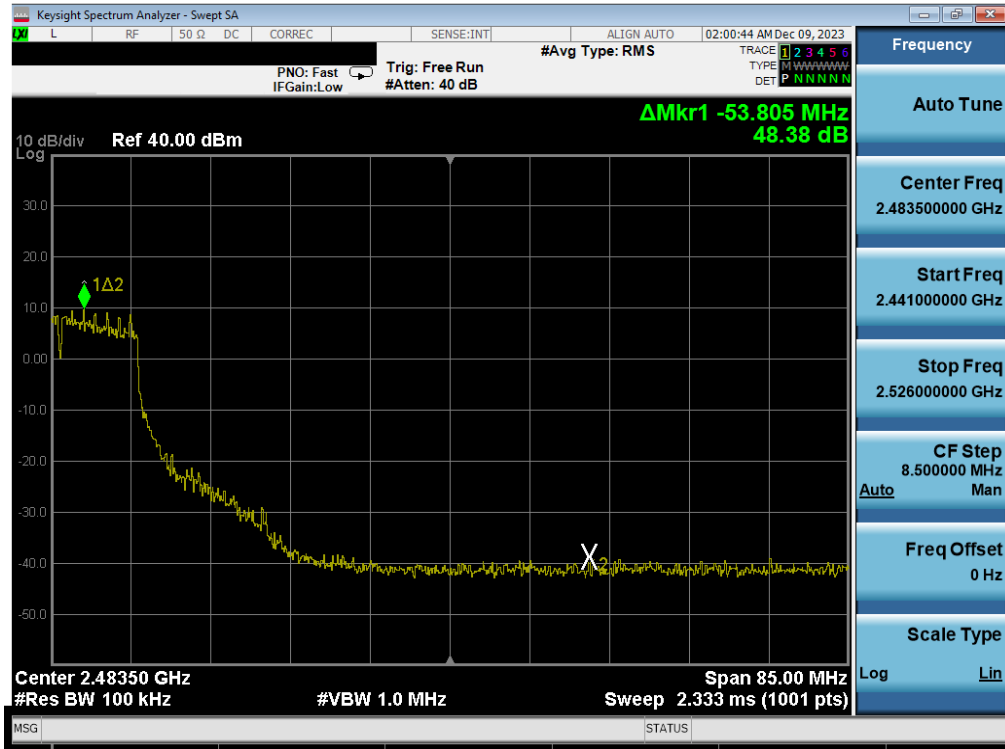


Plot 7-316. Band Edge Plot Antenna 1a (802.11g – Ch. 3) – 24Mbps

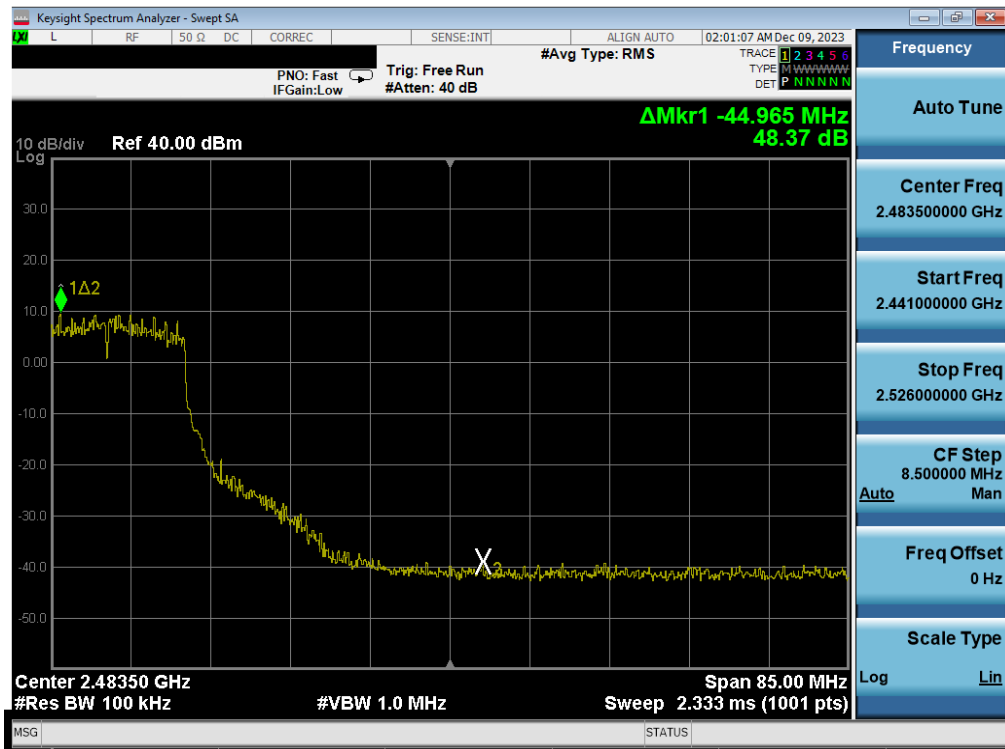


Plot 7-317. Band Edge Plot Antenna 1a (802.11g – Ch. 4) – 24Mbps

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 202 of 388

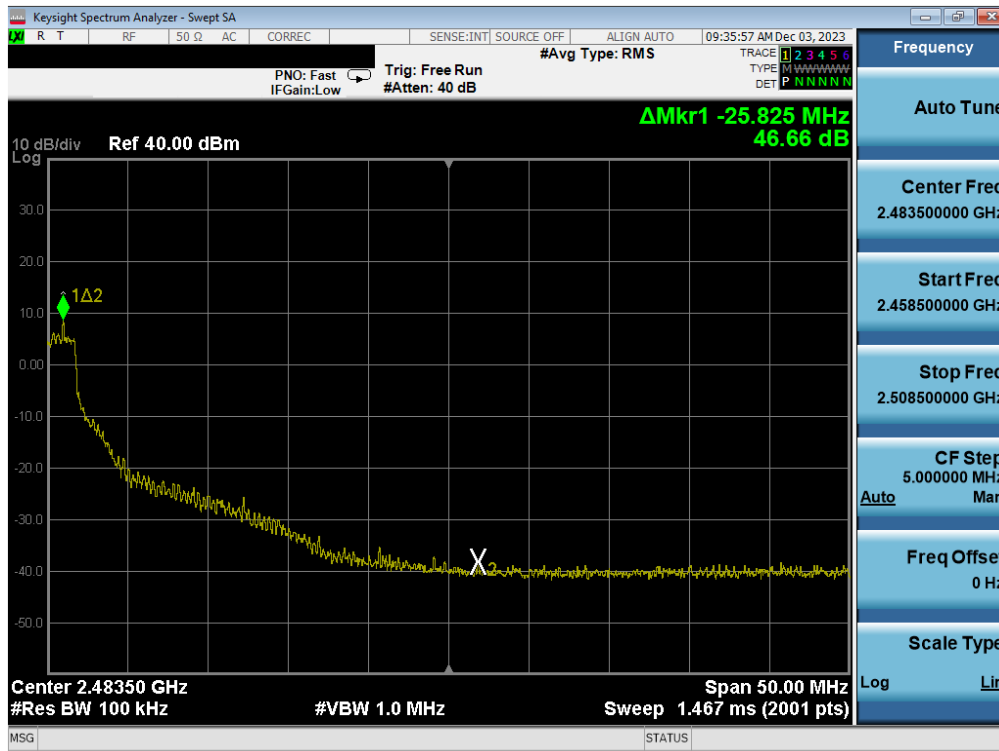


Plot 7-318. Band Edge Plot Antenna 1a (802.11g – Ch. 7) – 24Mbps

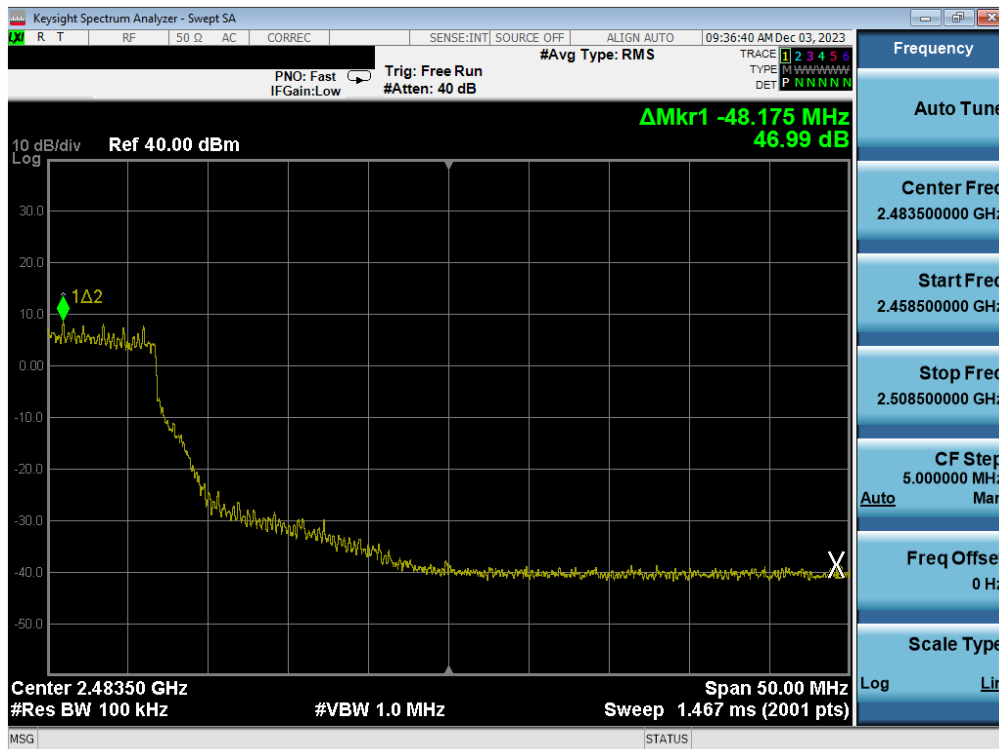


Plot 7-319. Band Edge Plot Antenna 1a (802.11g – Ch. 8) – 24Mbps

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 203 of 388

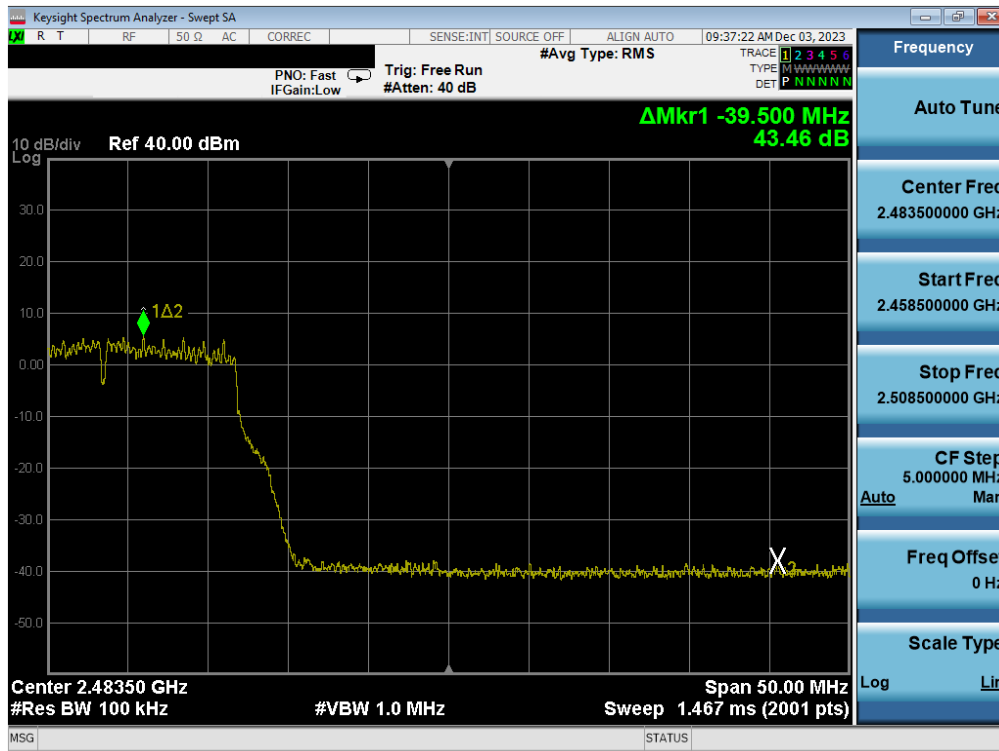


Plot 7-320. Band Edge Plot Antenna 1a (802.11g – Ch. 9) – 24Mbps

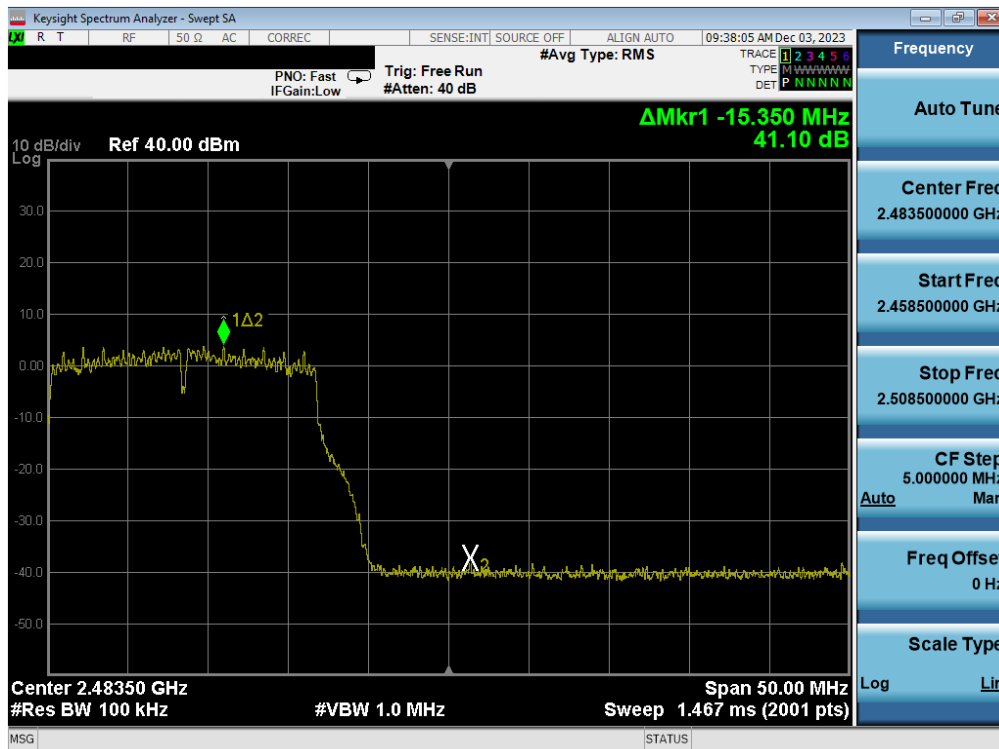


Plot 7-321. Band Edge Plot Antenna 1a (802.11g – Ch. 10) – 24Mbps

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 204 of 388

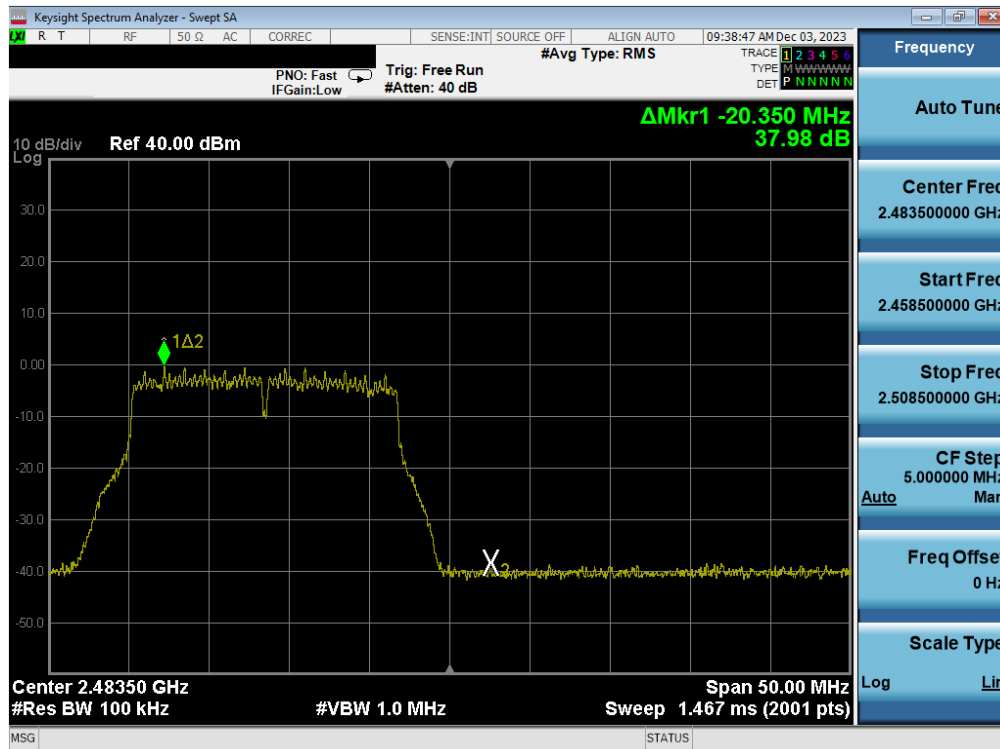


Plot 7-322. Band Edge Plot Antenna 1a (802.11g – Ch. 11) – 24Mbps

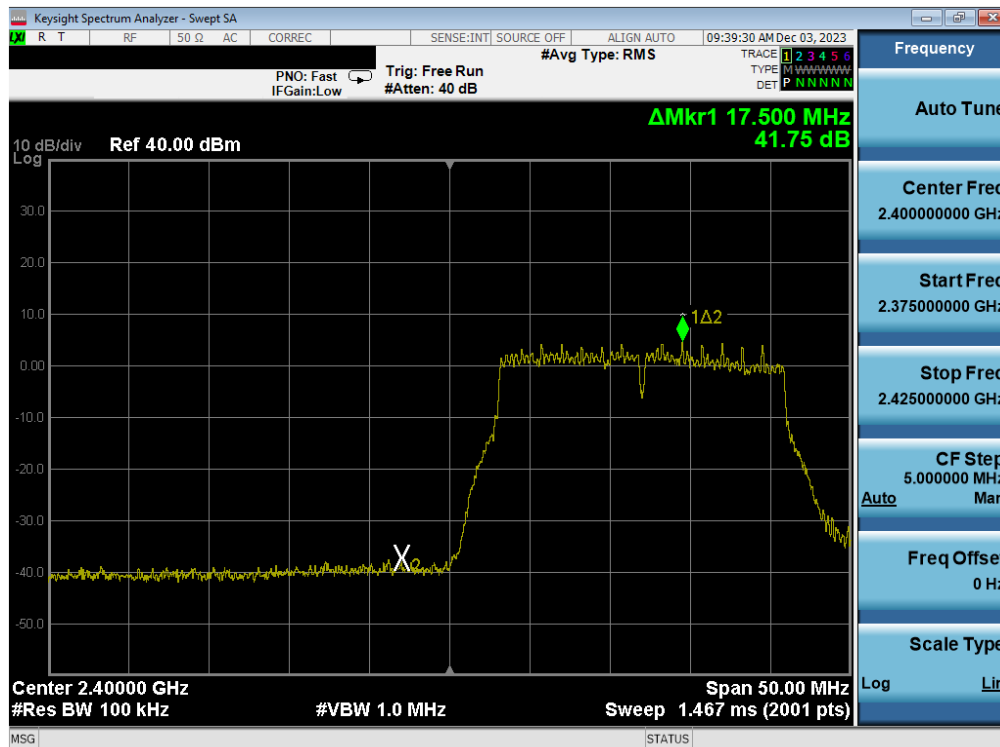


Plot 7-323. Band Edge Plot Antenna 1a (802.11g – Ch. 12) – 24Mbps

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 205 of 388

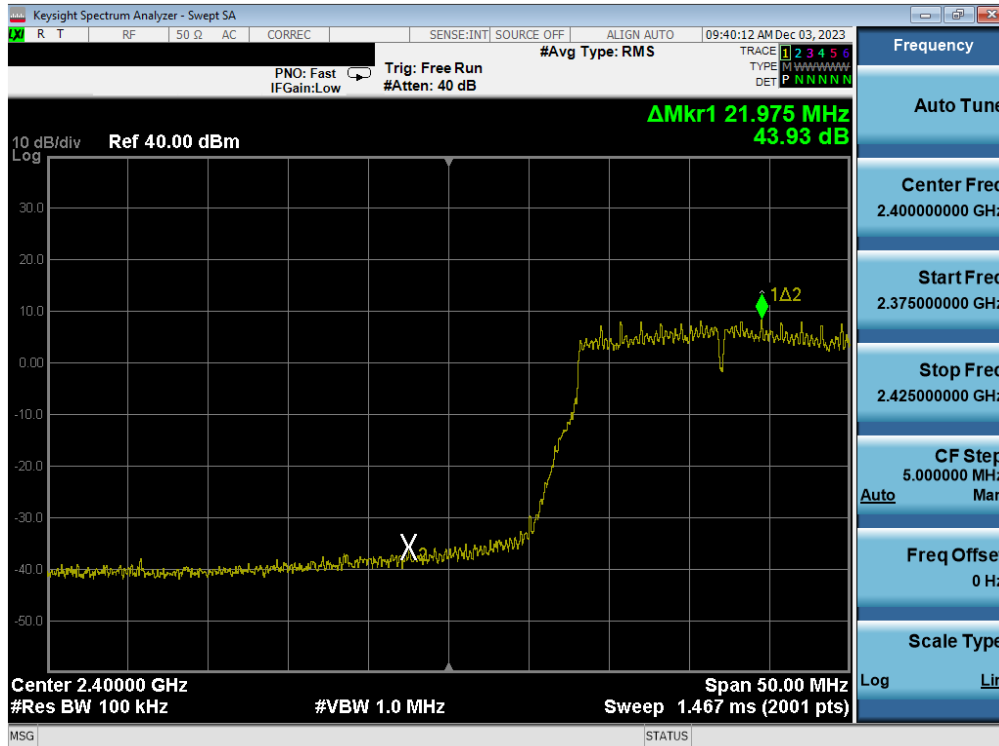


Plot 7-324. Band Edge Plot Antenna 1a (802.11g – Ch. 13) – 24Mbps

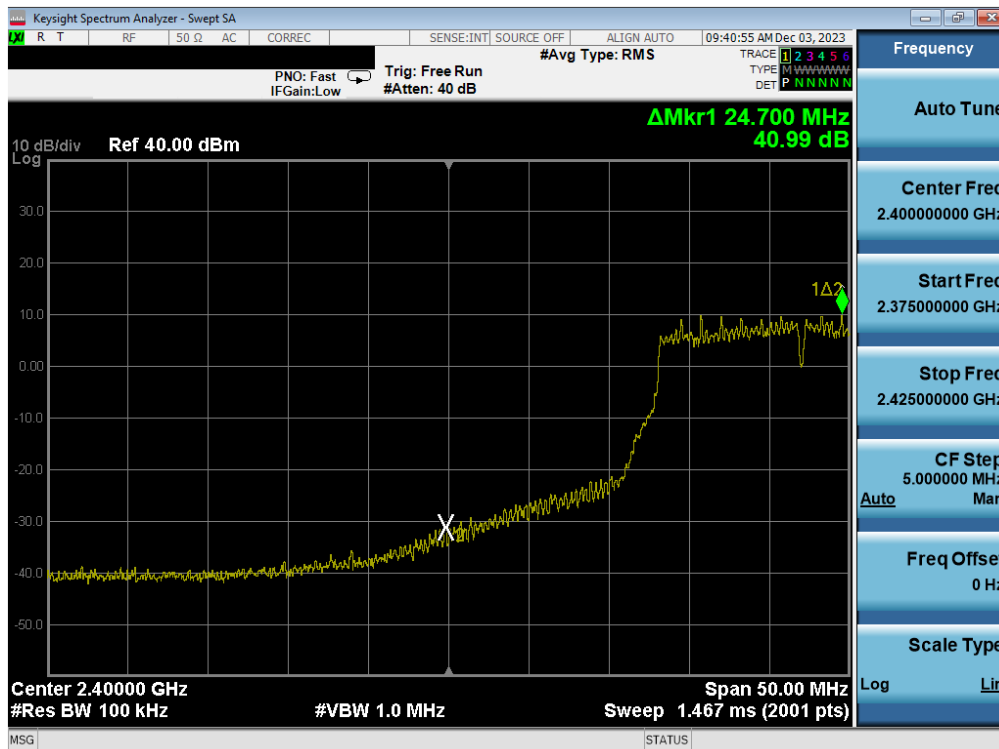


Plot 7-325. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 1) – MCS4

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 206 of 388

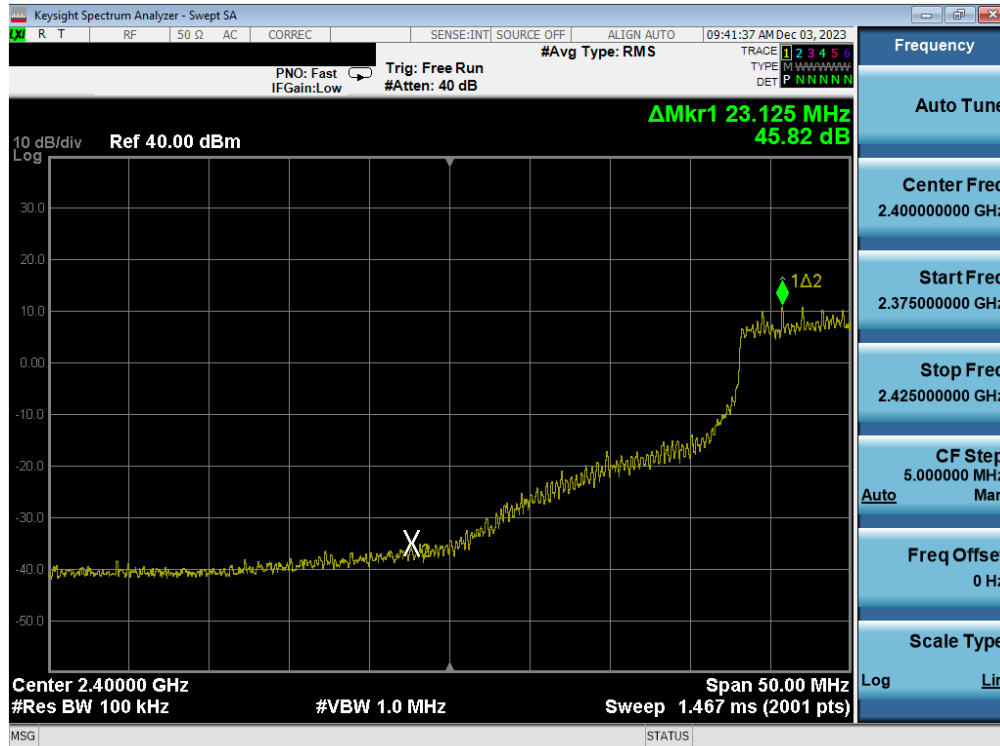


Plot 7-326. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 2) – MCS4

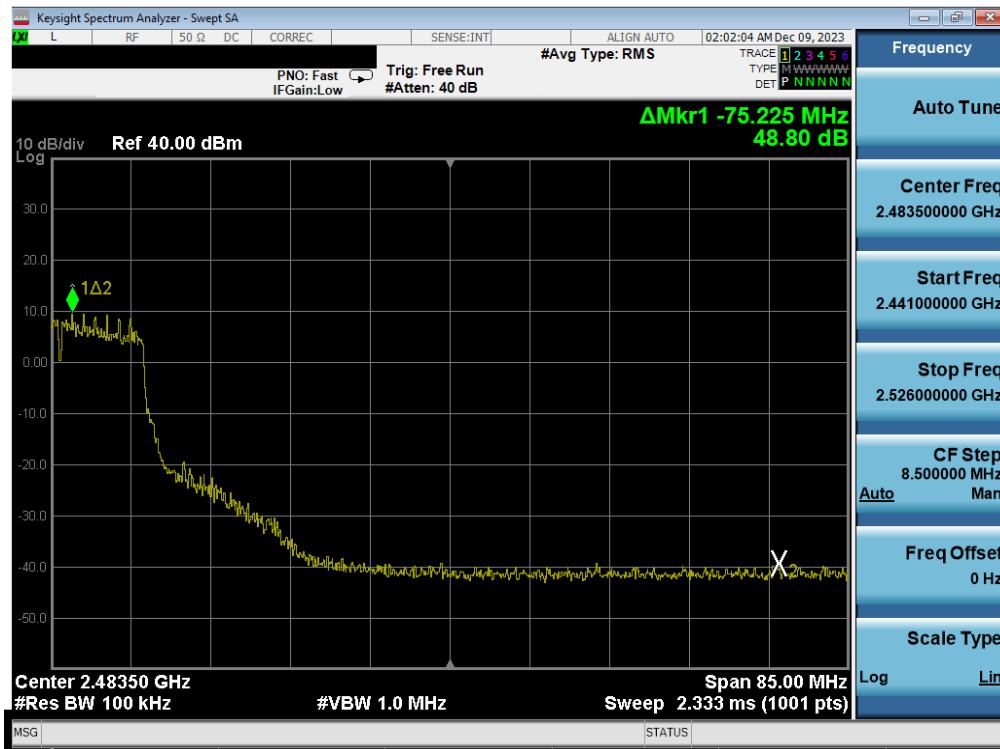


Plot 7-327. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 3) – MCS4

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 207 of 388

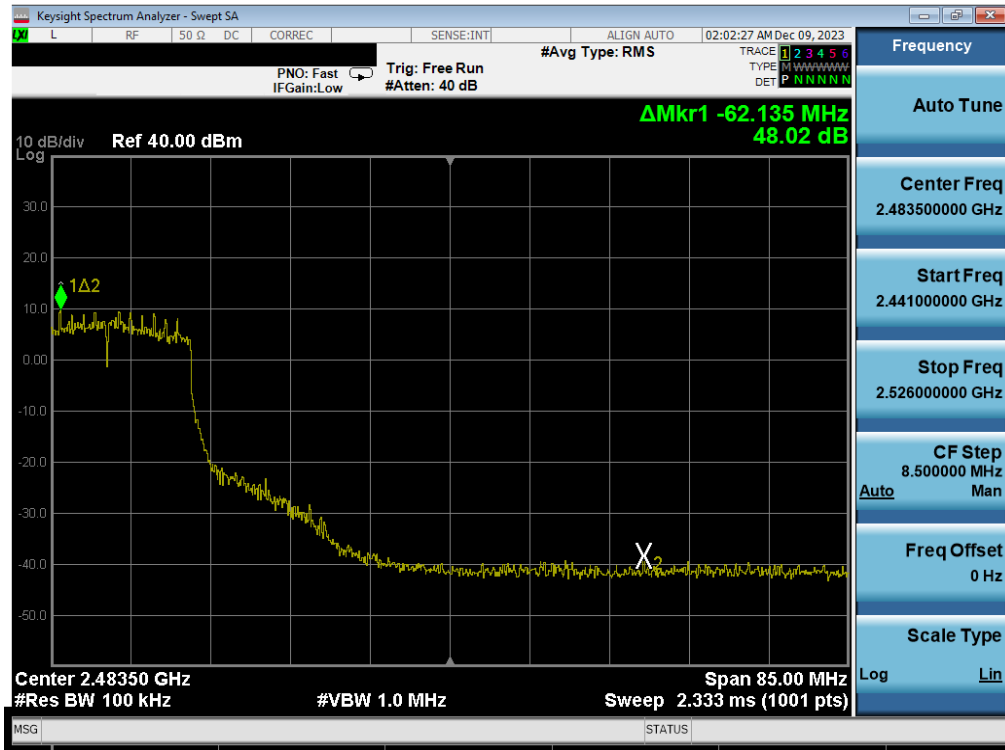


Plot 7-328. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 4) – MCS4

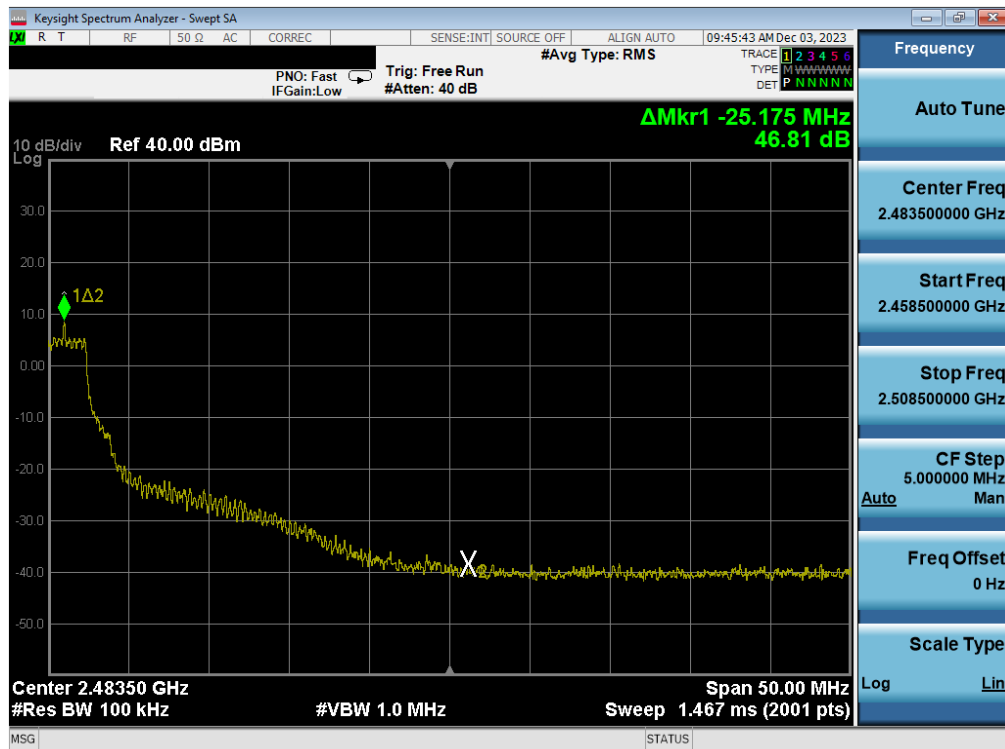


Plot 7-329. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 7) – MCS4

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 208 of 388

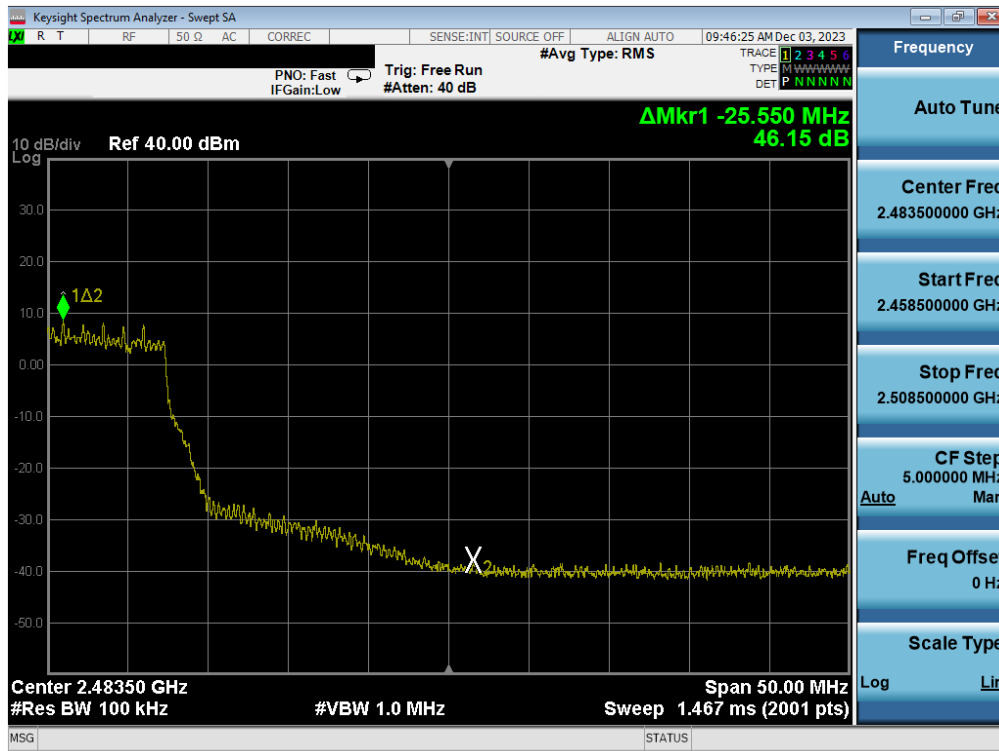


Plot 7-330. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 8) – MCS4

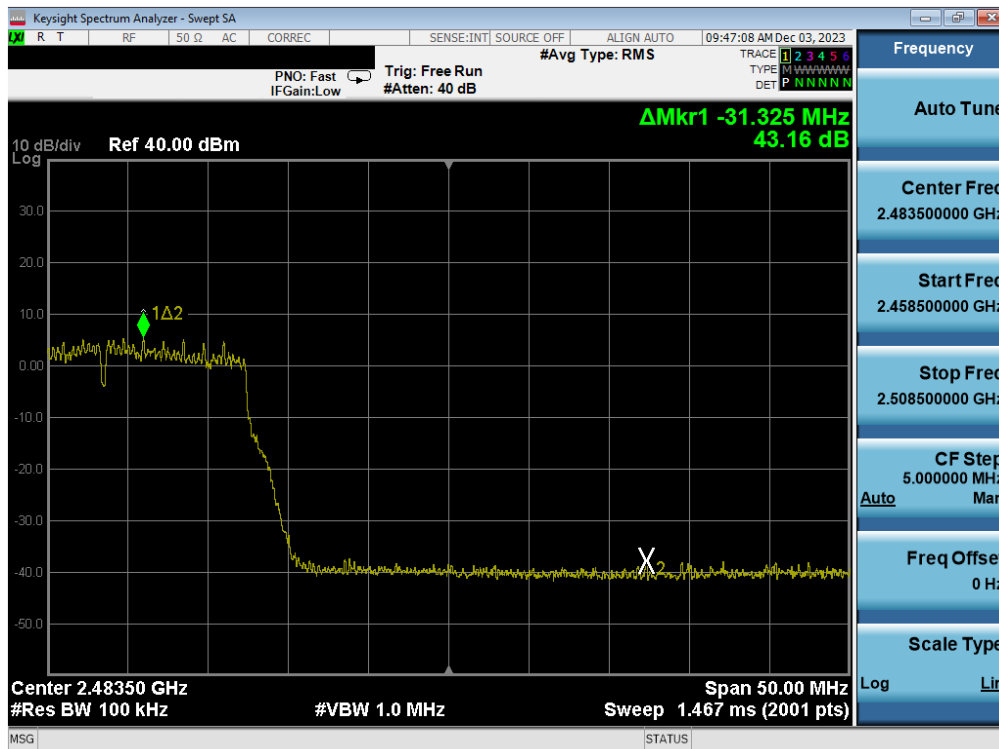


Plot 7-331. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 9) – MCS4

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 209 of 388

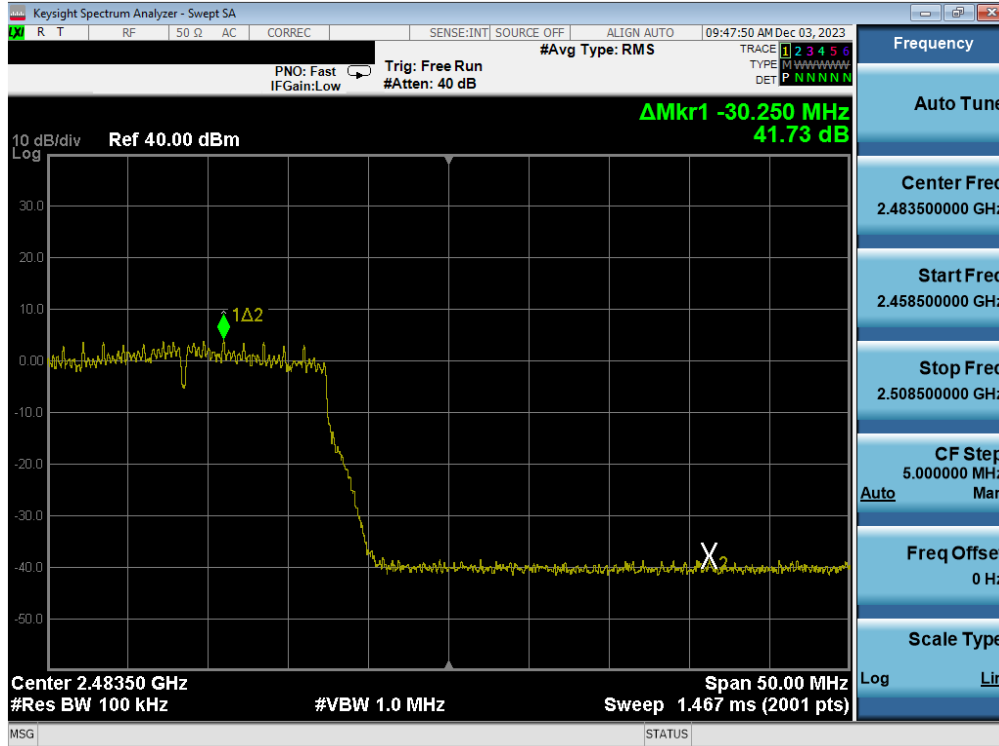


Plot 7-332. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 10) – MCS4

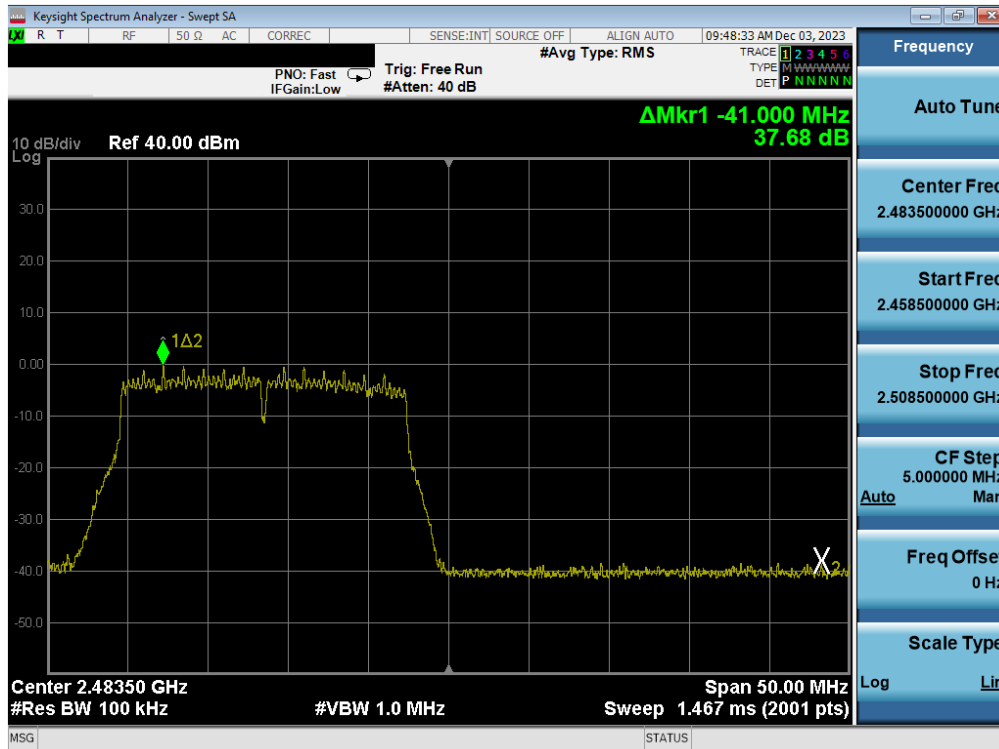


Plot 7-333. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 11) – MCS4

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 210 of 388

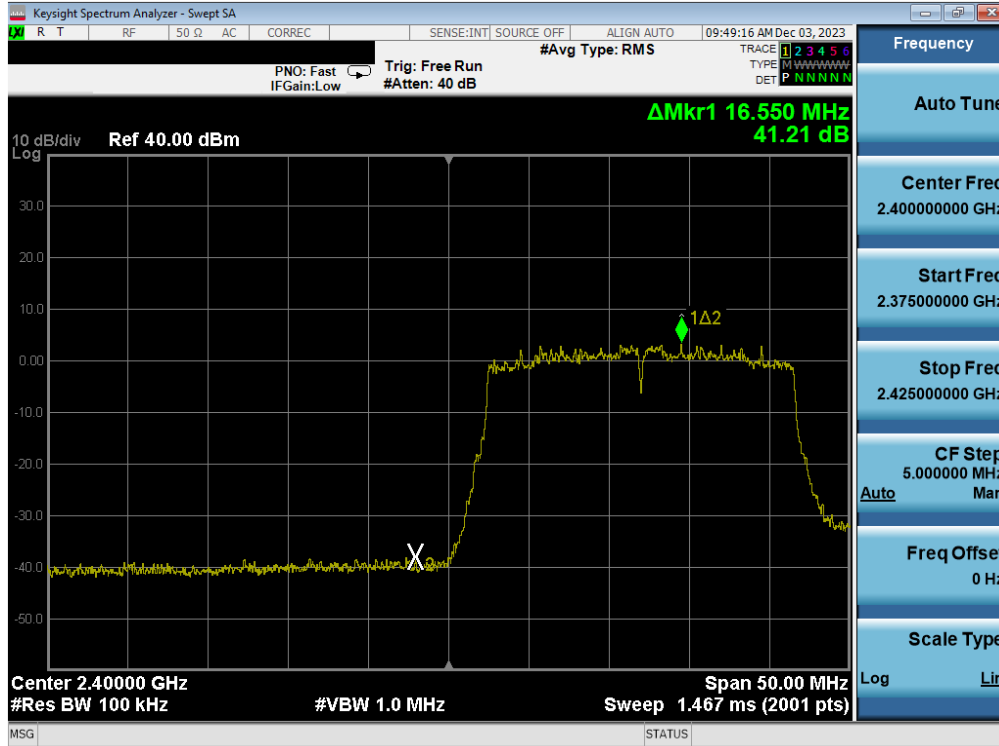


Plot 7-334. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 12) – MCS4

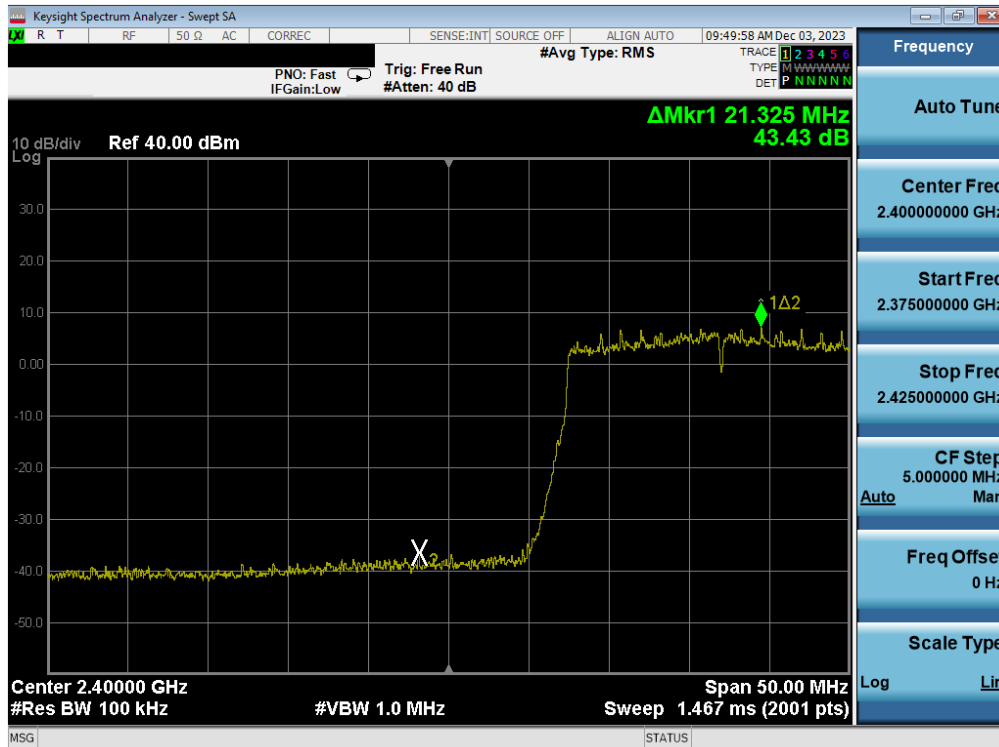


Plot 7-335. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 13) – MCS4

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 211 of 388

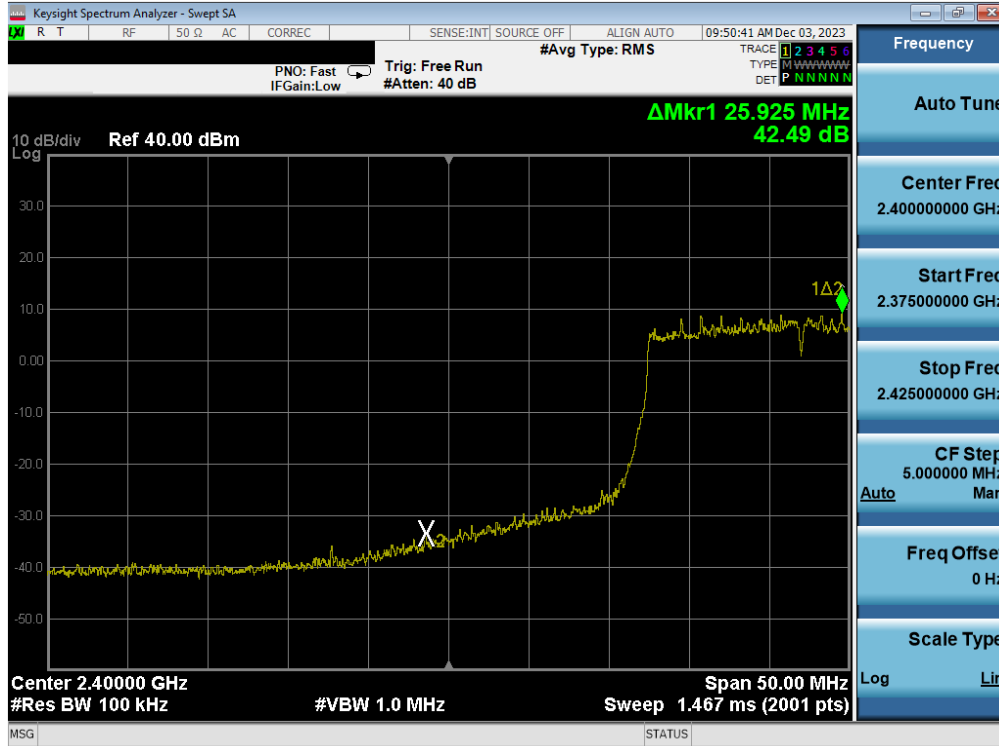


Plot 7-336. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 1) – MCS4

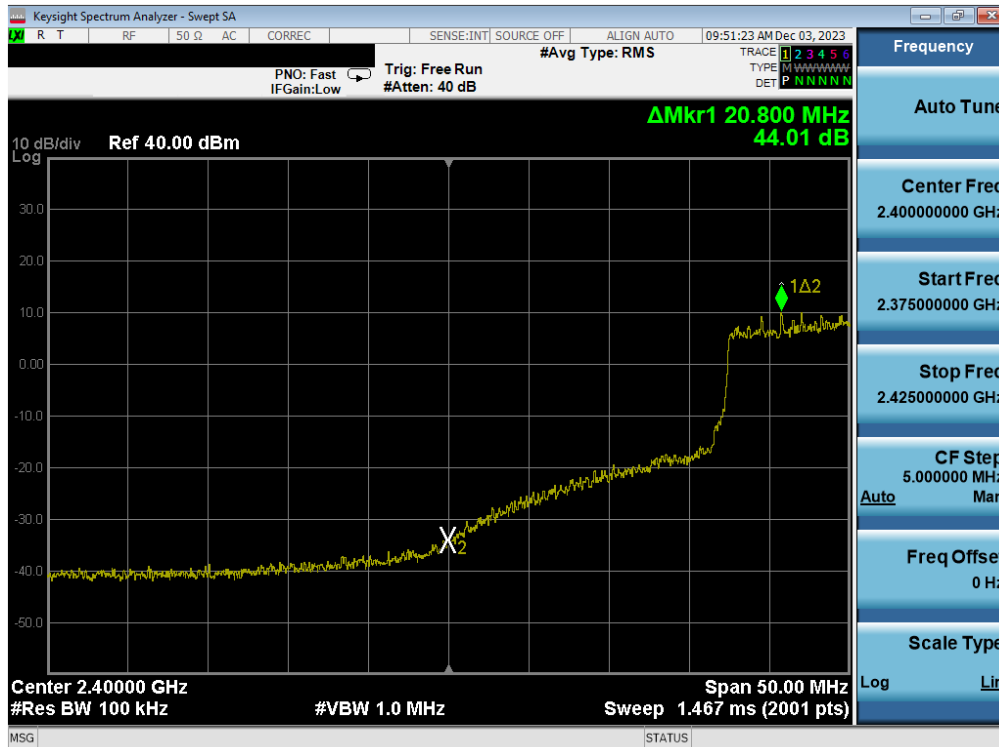


Plot 7-337. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 2) – MCS4

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 212 of 388

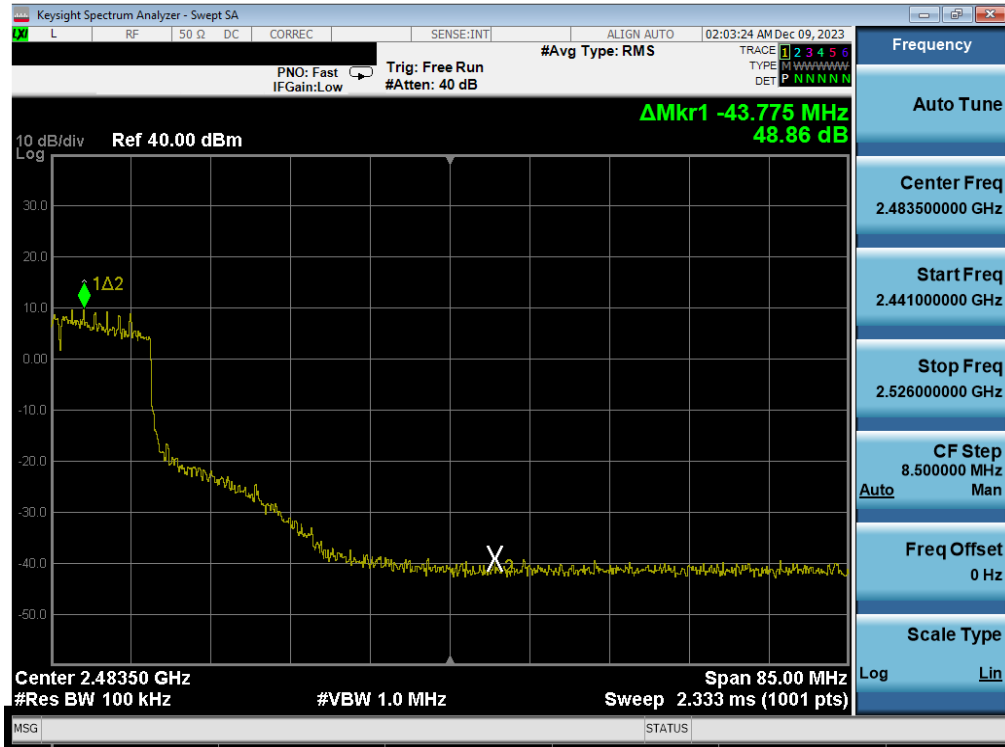


Plot 7-338. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 3) – MCS4

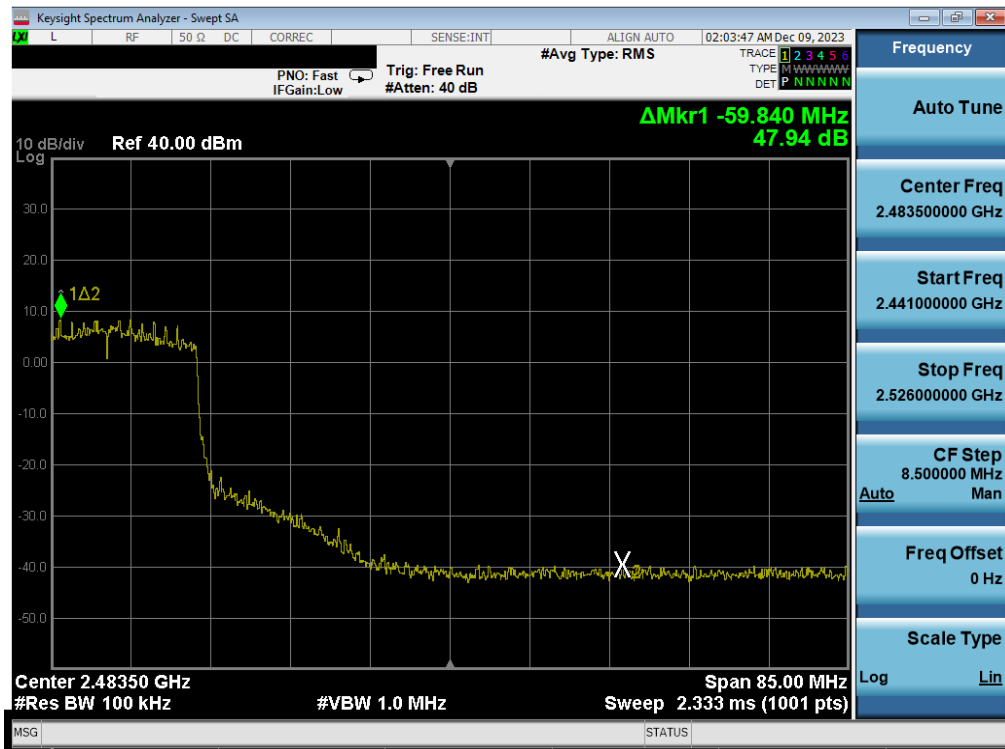


Plot 7-339. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 4) – MCS4

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 213 of 388

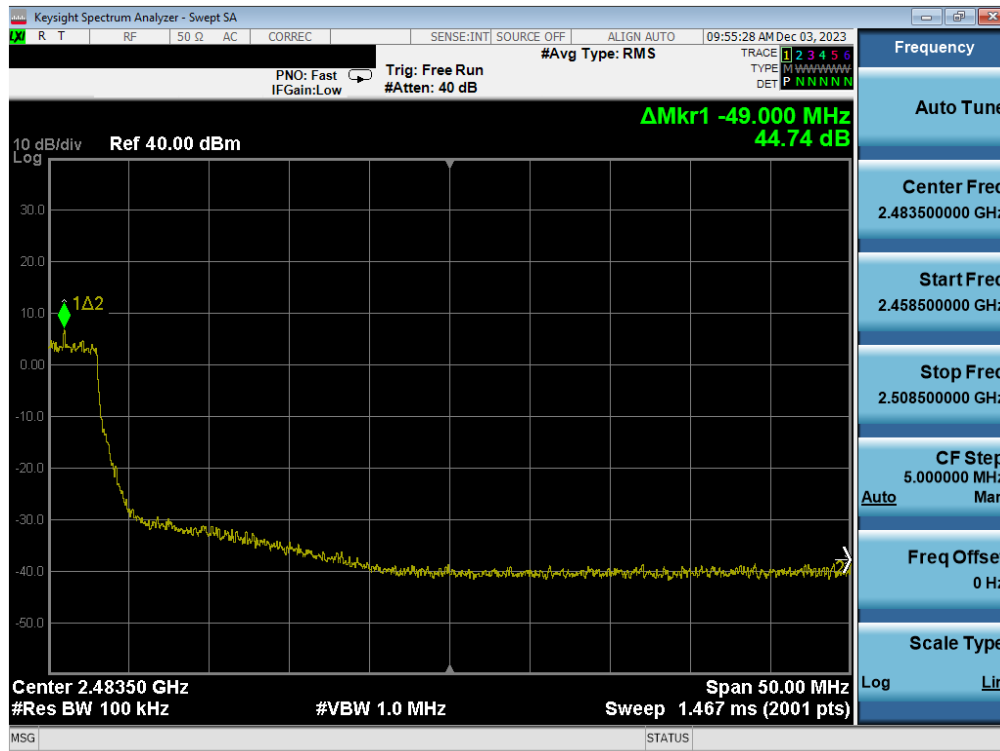


Plot 7-340. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 7) – MCS4

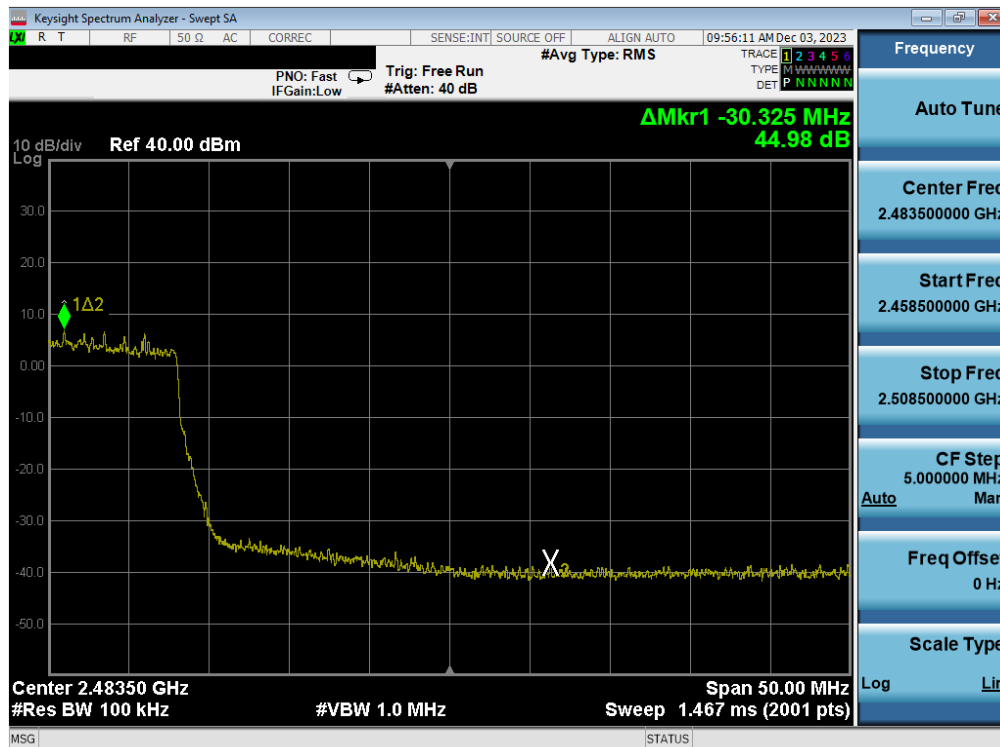


Plot 7-341. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 8) – MCS4

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 214 of 388

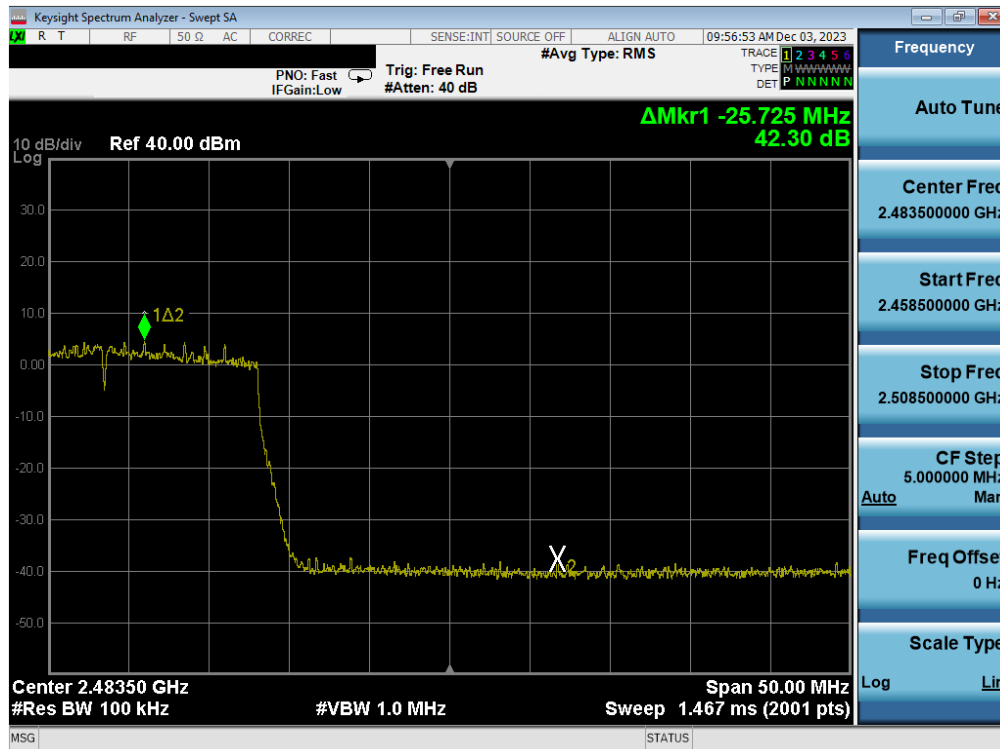


Plot 7-342. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 9) – MCS4

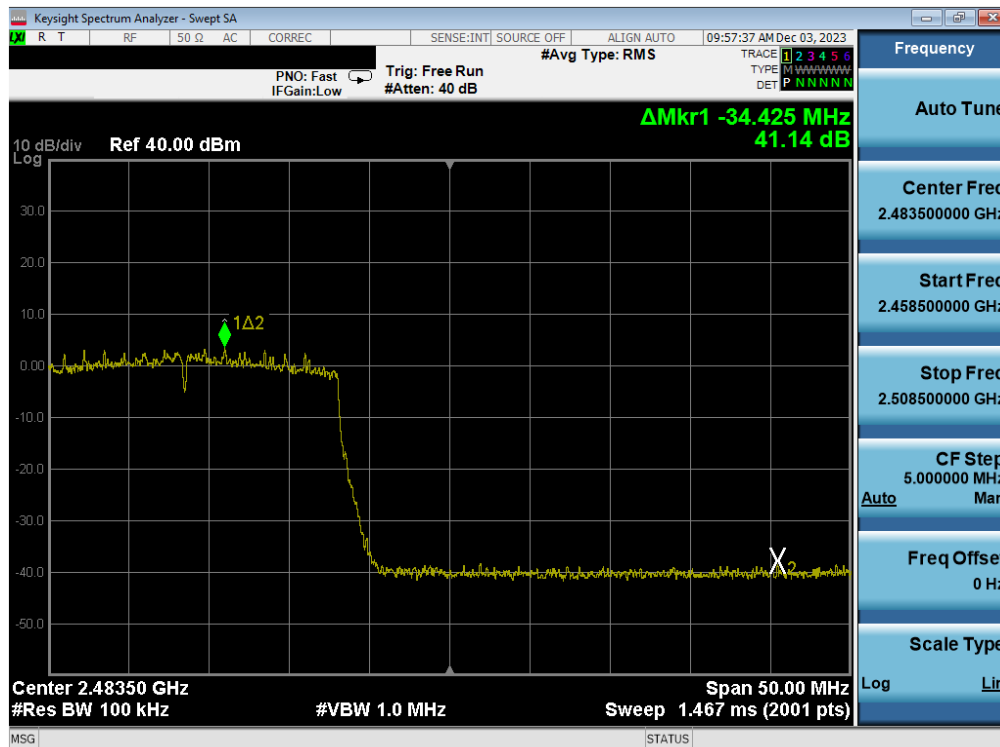


Plot 7-343. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 10) – MCS4

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 215 of 388



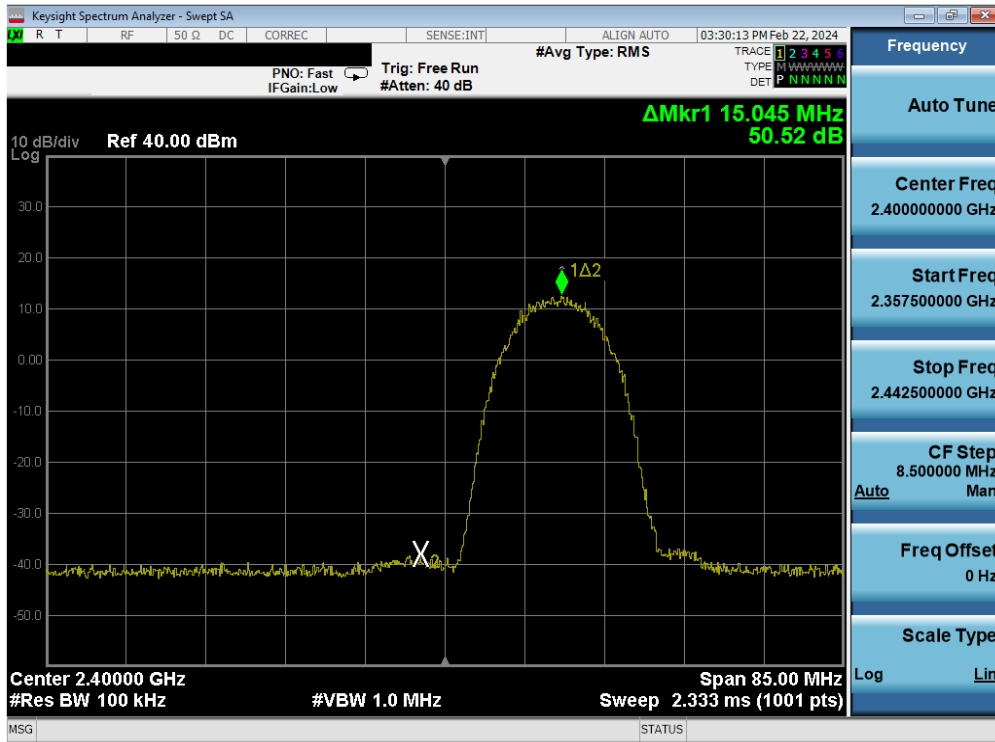
Plot 7-344. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 11) – MCS4



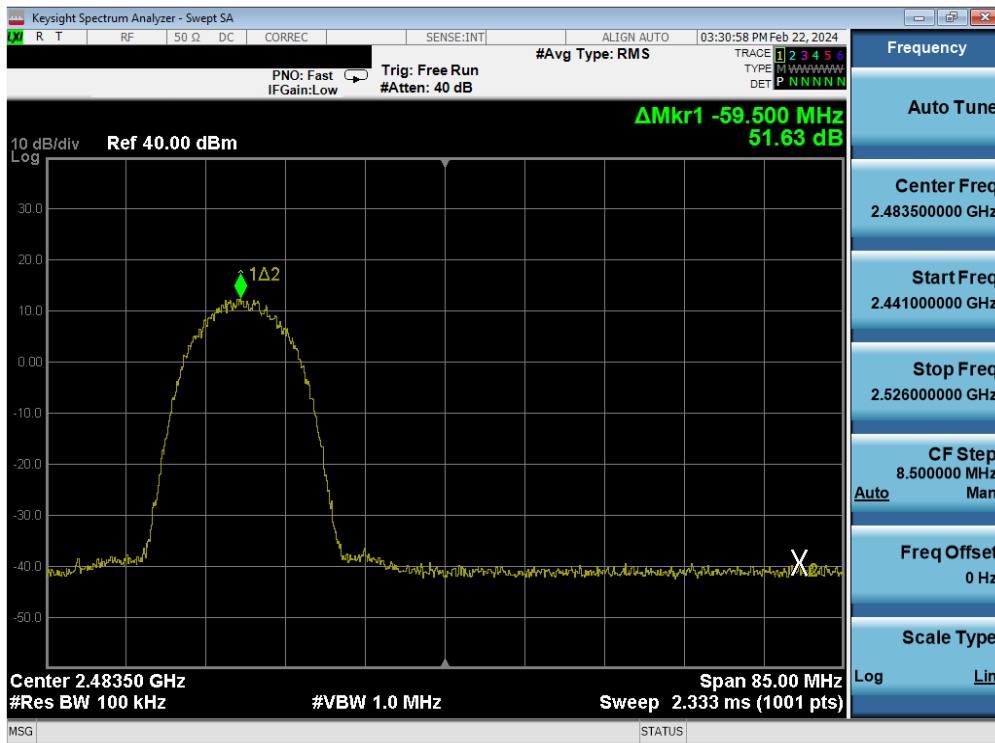
Plot 7-345. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 12) – MCS4

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 216 of 388

High Rate

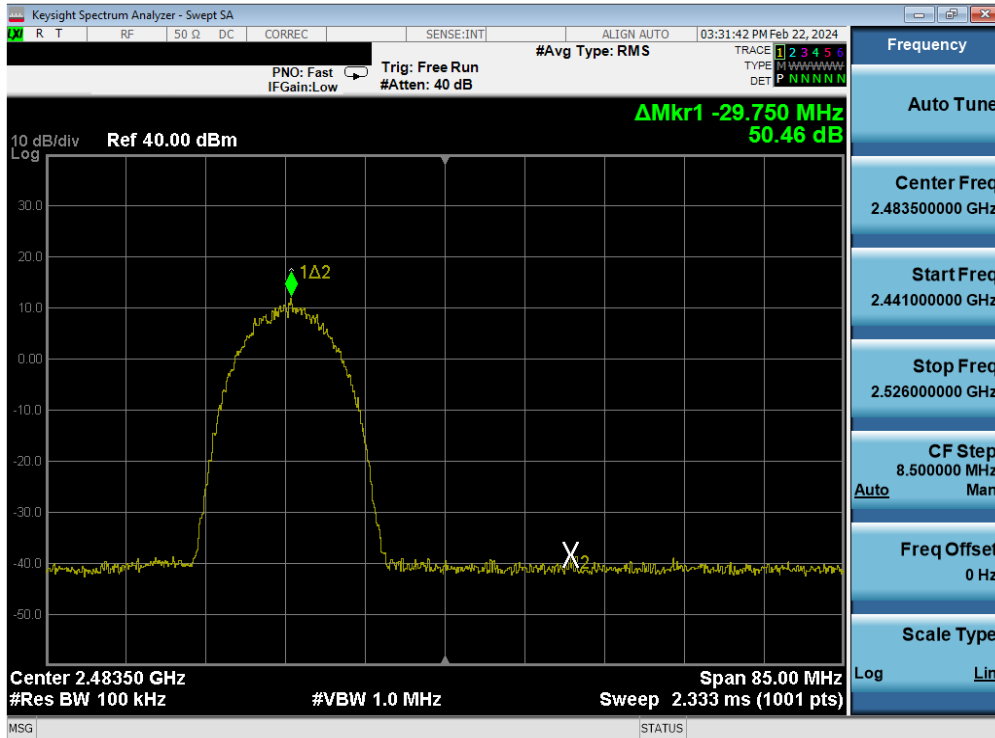


Plot 7-346. Band Edge Plot Antenna 1a (802.11b – Ch. 1) – 11Mbps

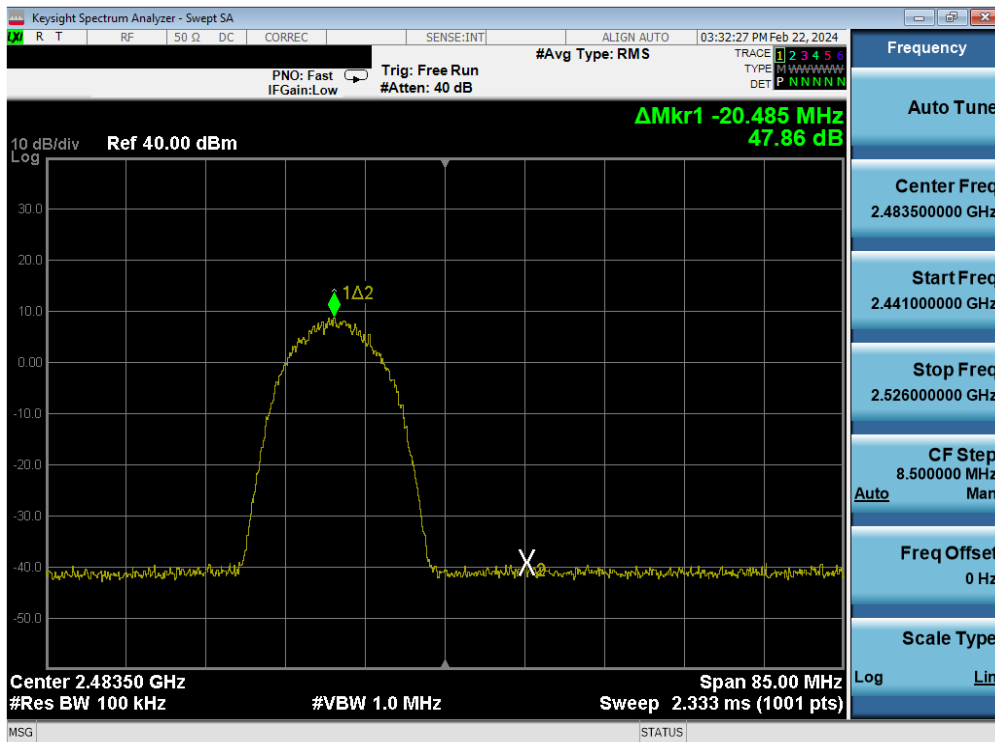


Plot 7-347. Band Edge Plot Antenna 1a (802.11b – Ch. 11) – 11Mbps

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 217 of 388

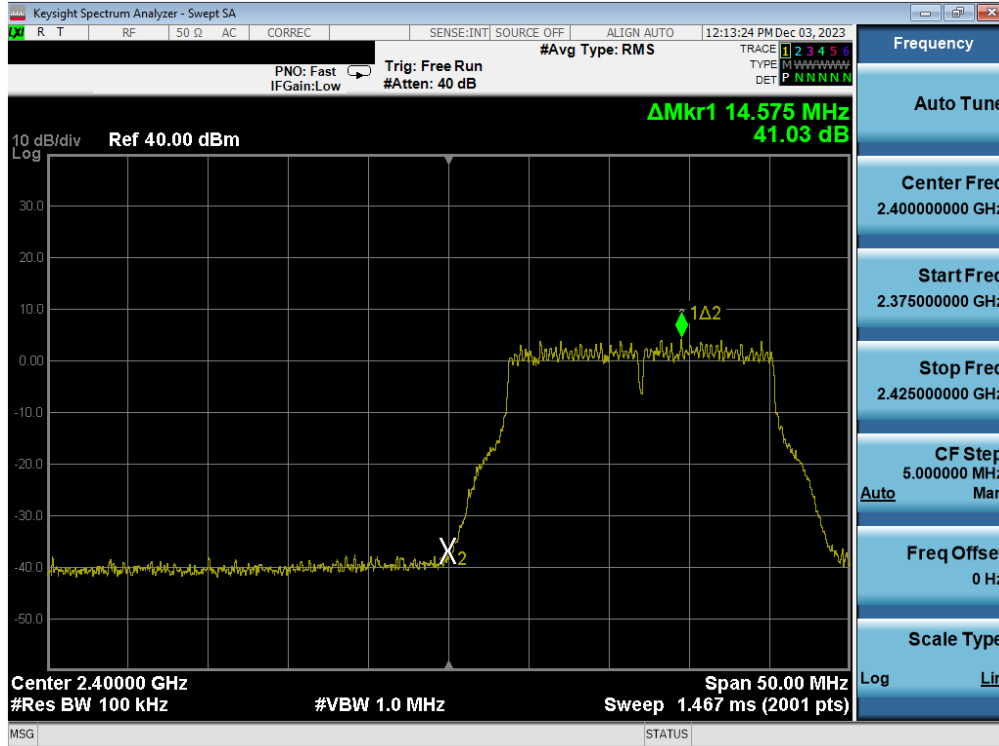


Plot 7-348. Band Edge Plot Antenna 1a (802.11b – Ch. 12) – 11Mbps

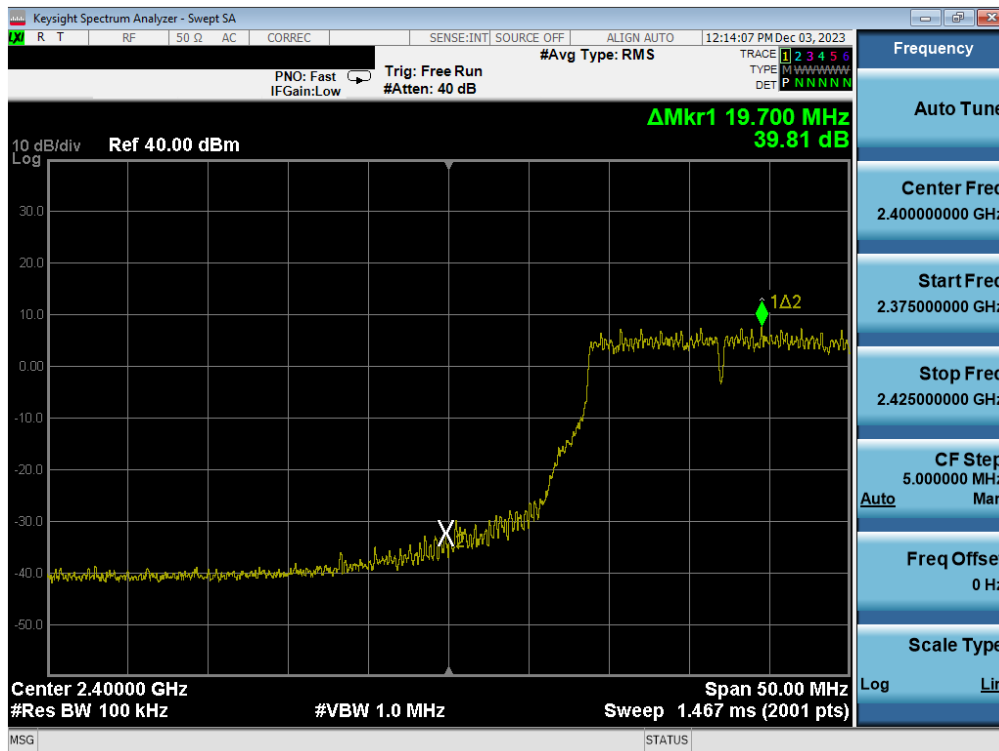


Plot 7-349. Band Edge Plot Antenna 1a (802.11b – Ch. 13) – 11Mbps

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 218 of 388

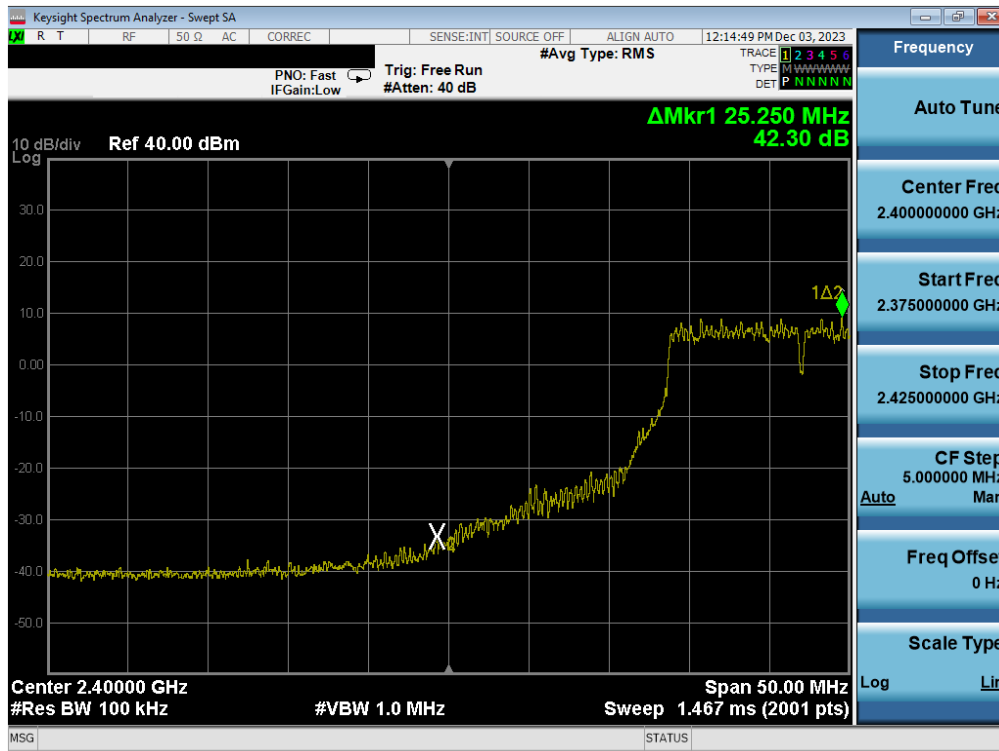


Plot 7-350. Band Edge Plot Antenna 1a (802.11g – Ch. 1) – 54Mbps

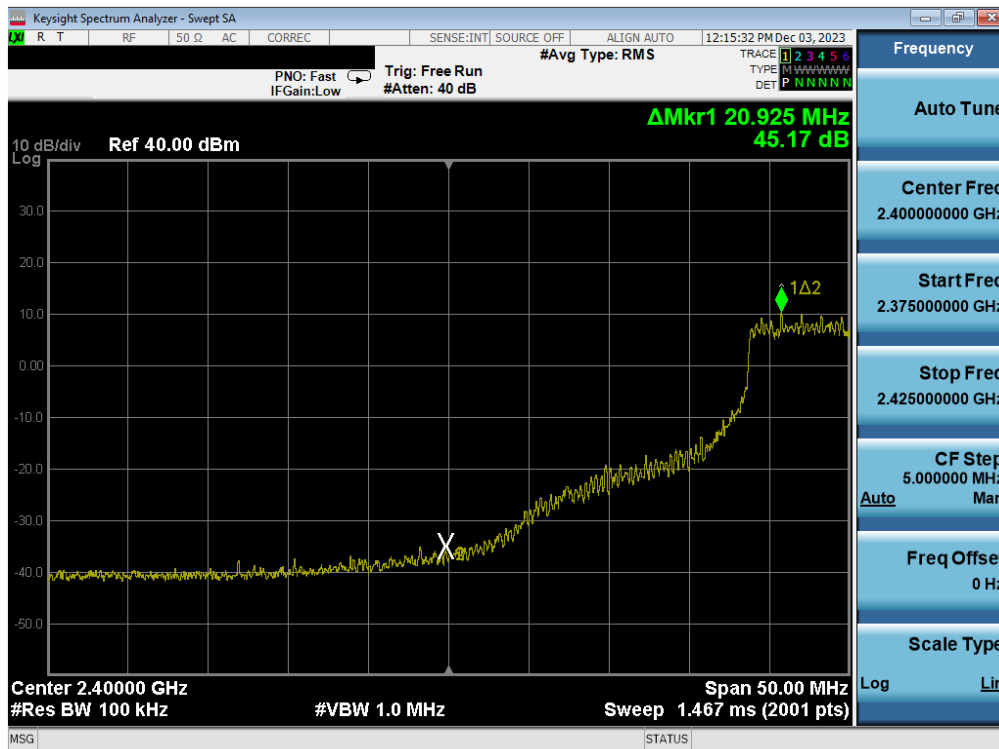


Plot 7-351. Band Edge Plot Antenna 1a (802.11g – Ch. 2) – 54Mbps

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 219 of 388

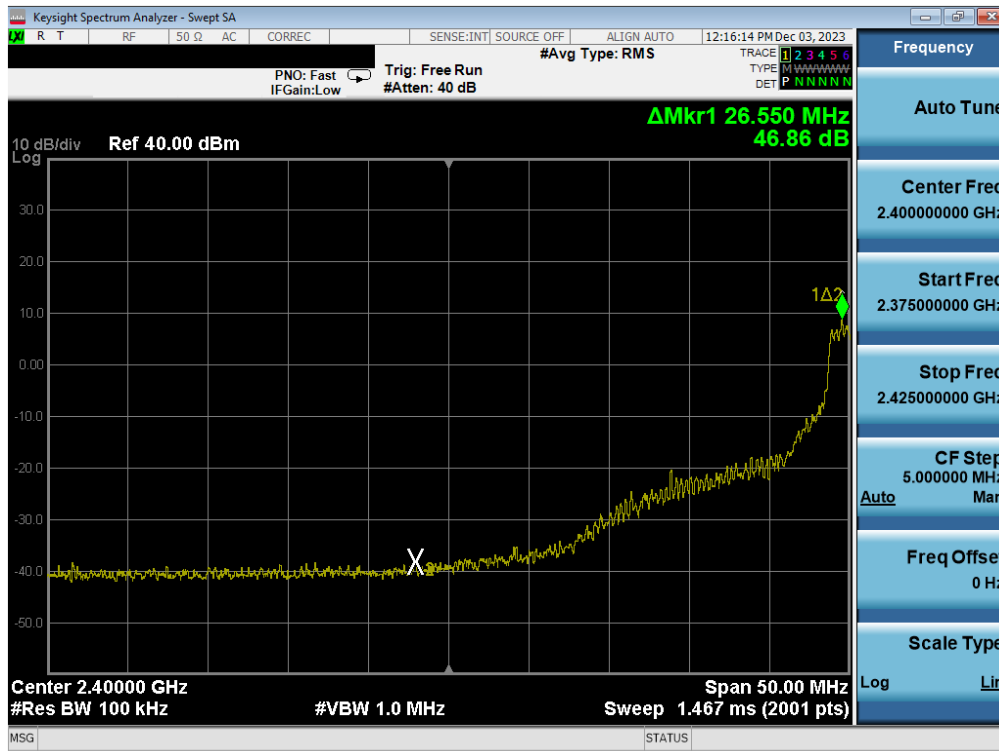


Plot 7-352. Band Edge Plot Antenna 1a (802.11g – Ch. 3) – 54Mbps

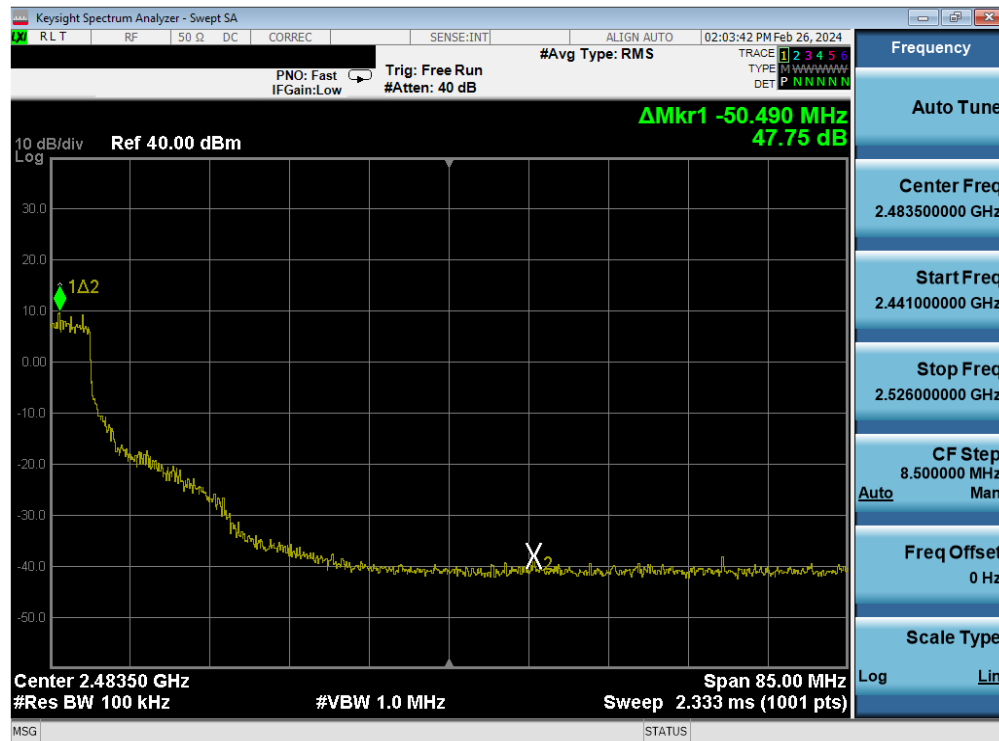


Plot 7-353. Band Edge Plot Antenna 1a (802.11g – Ch. 4) – 54Mbps

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 220 of 388

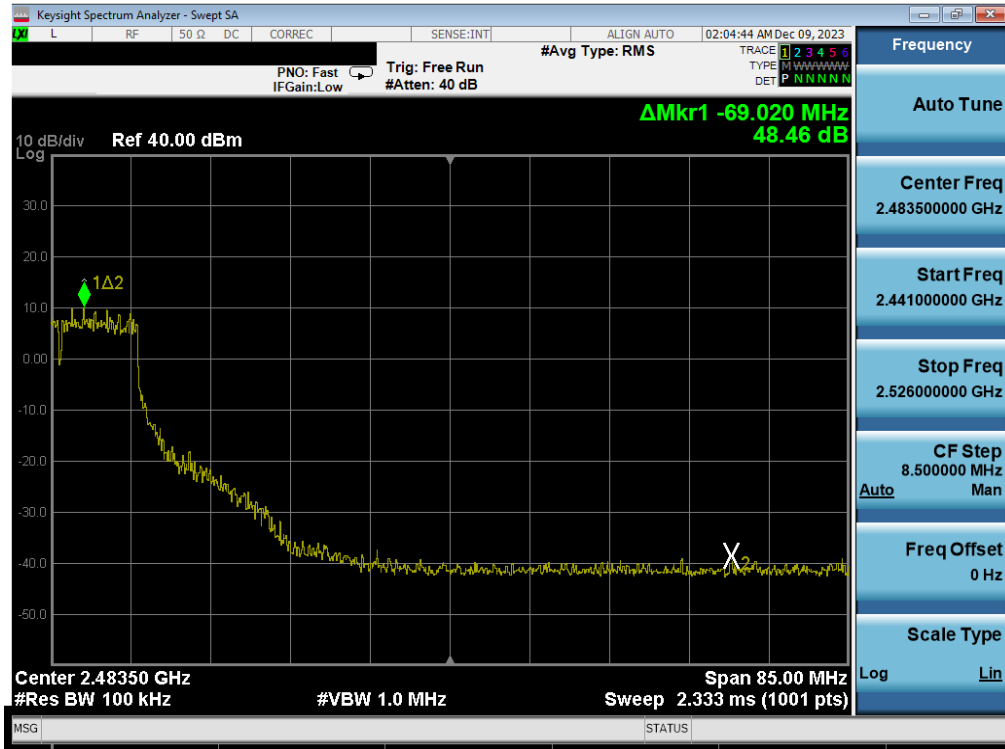


Plot 7-354. Band Edge Plot Antenna 1a (802.11g – Ch. 5) – 54Mbps

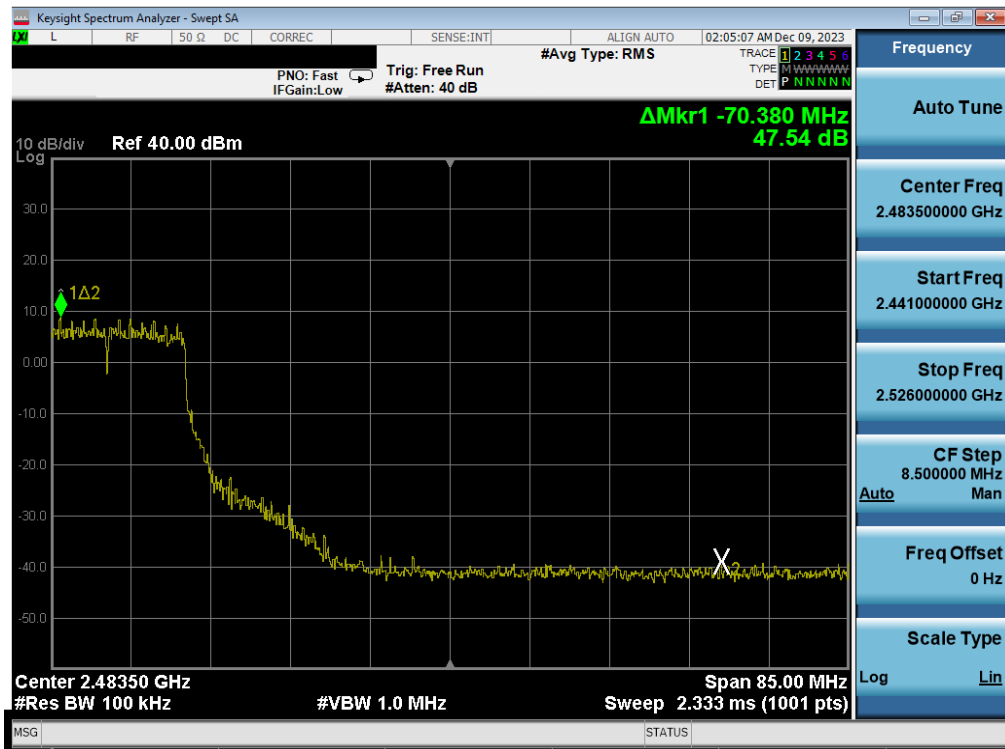


Plot 7-355. Band Edge Plot Antenna 1a (802.11g – Ch. 6 (high)) – 54Mbps

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 221 of 388

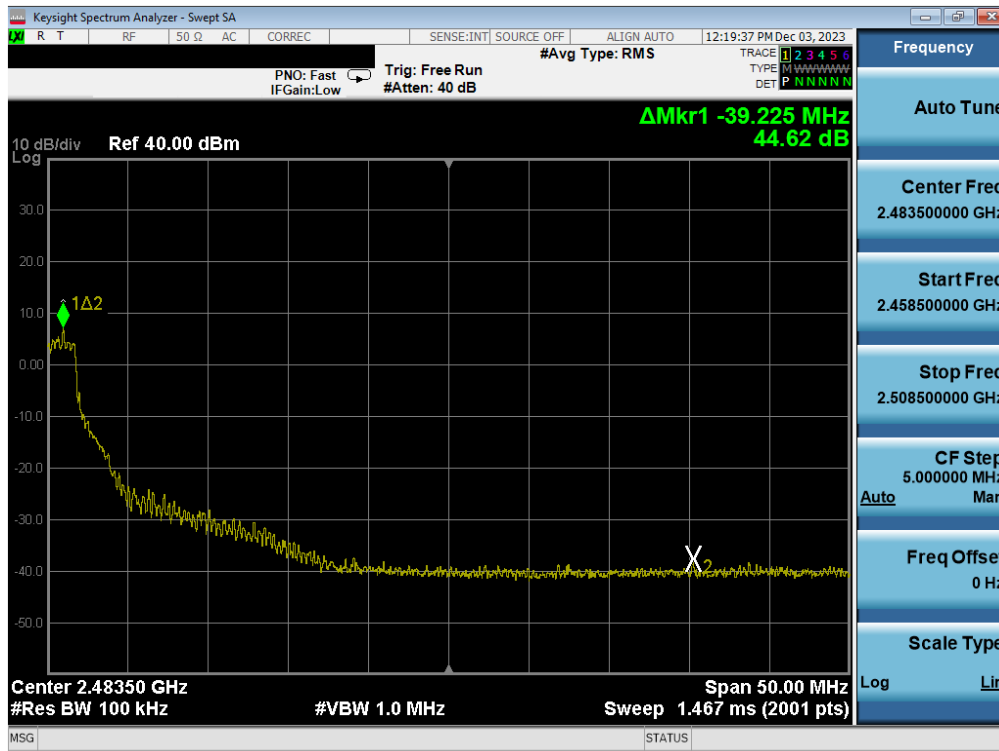


Plot 7-356. Band Edge Plot Antenna 1a (802.11g – Ch. 7) – 54Mbps

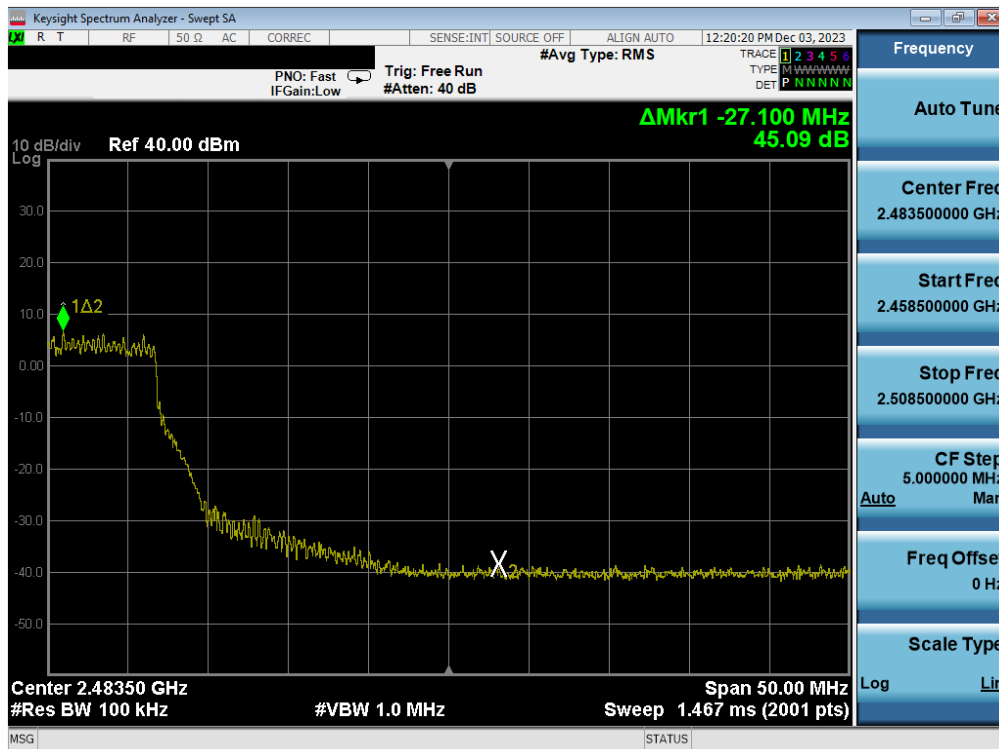


Plot 7-357. Band Edge Plot Antenna 1a (802.11g – Ch. 8) – 54Mbps

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 222 of 388

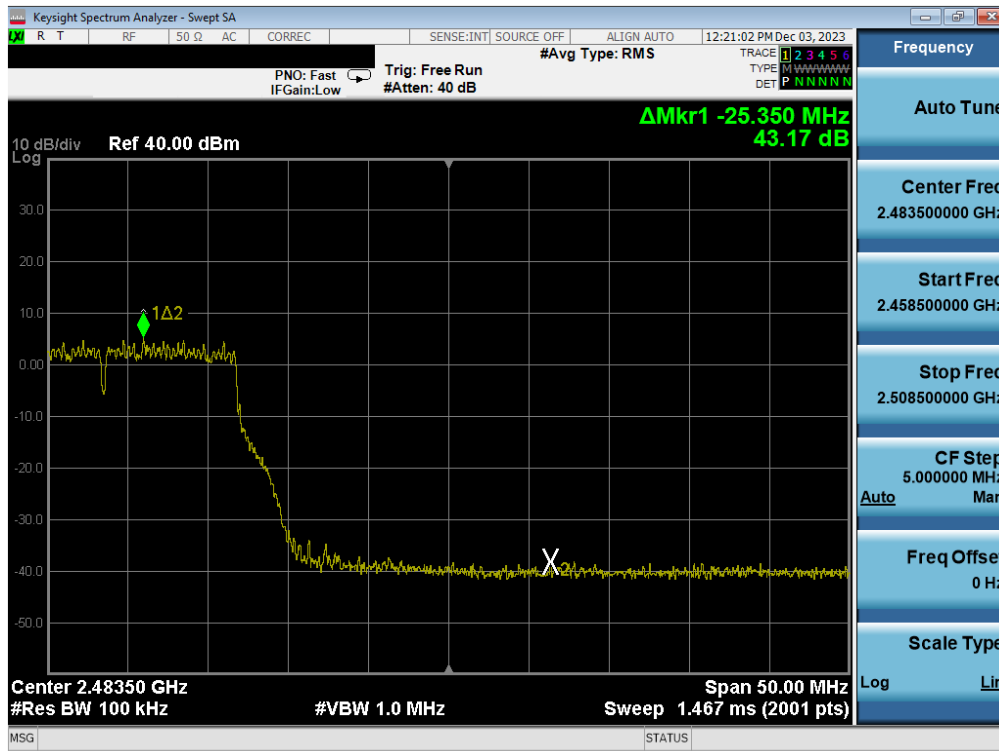


Plot 7-358. Band Edge Plot Antenna 1a (802.11g - Ch. 9) - 54Mbps

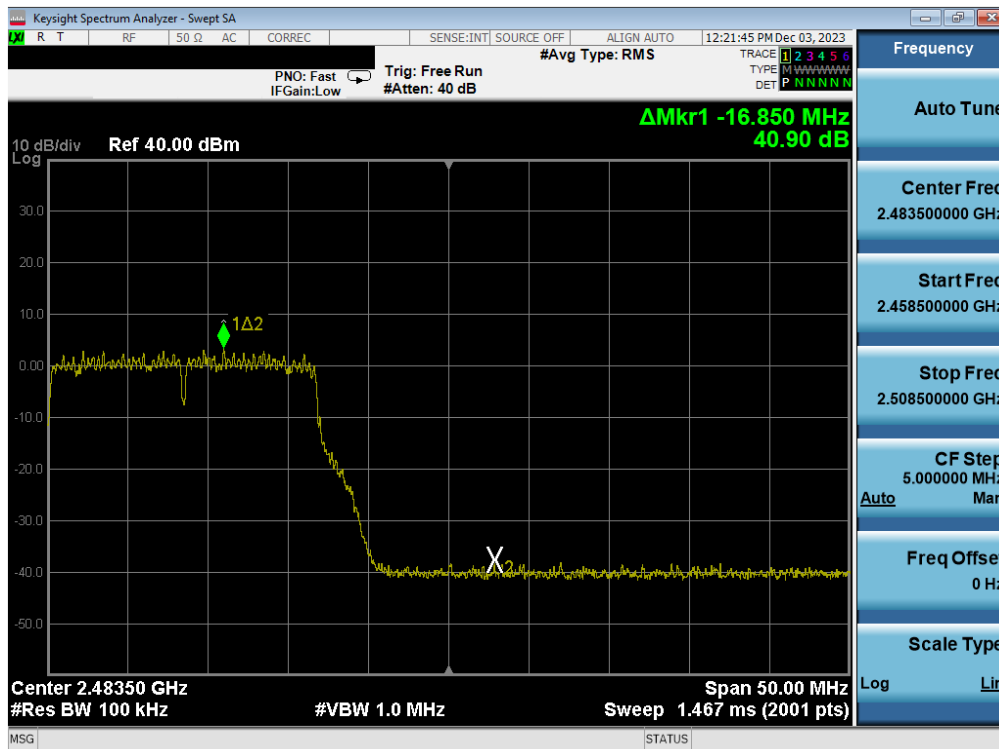


Plot 7-359. Band Edge Plot Antenna 1a (802.11g - Ch. 10) - 54Mbps

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 223 of 388

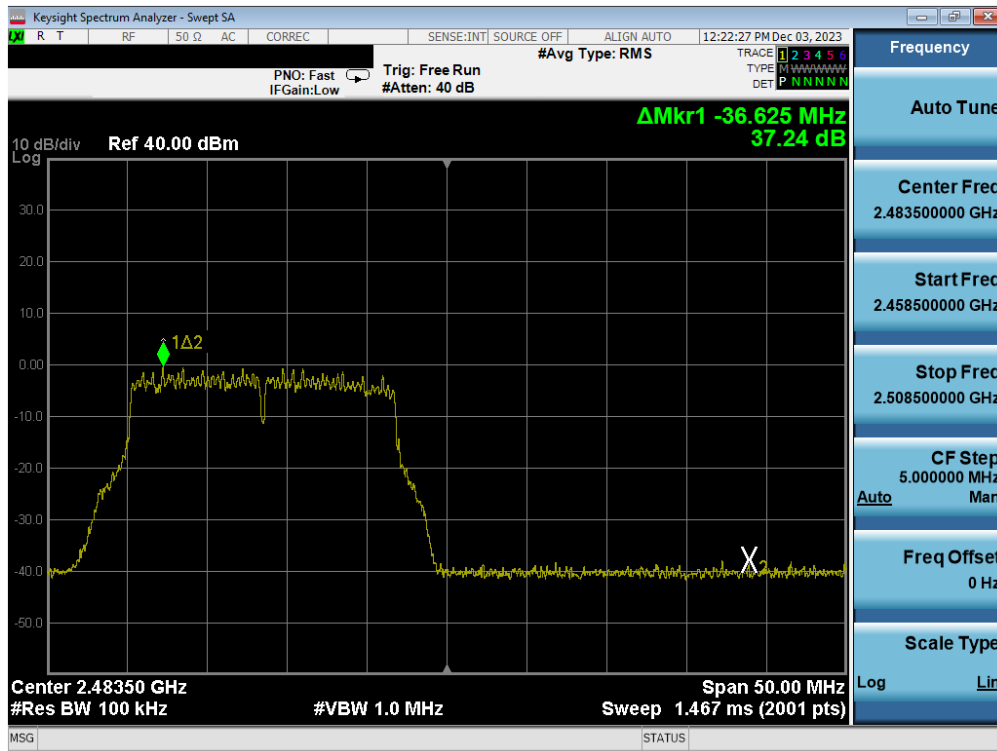


Plot 7-360. Band Edge Plot Antenna 1a (802.11g – Ch. 11) – 54Mbps

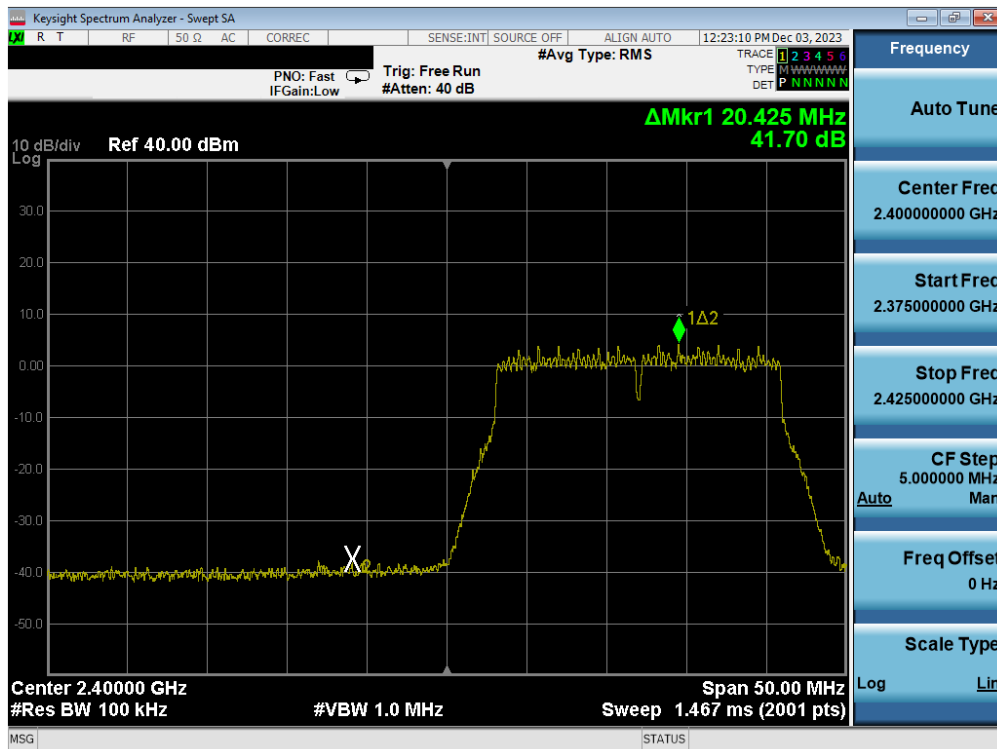


Plot 7-361. Band Edge Plot Antenna 1a (802.11g – Ch. 12) – 54Mbps

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 224 of 388

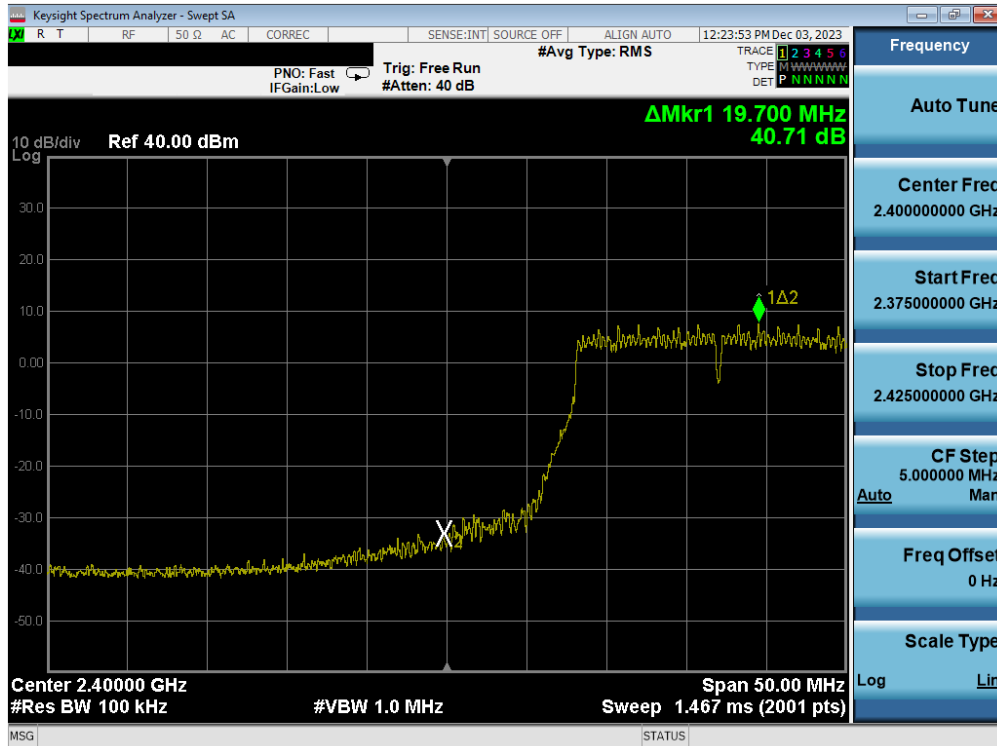


Plot 7-362. Band Edge Plot Antenna 1a (802.11g – Ch. 13) – 54Mbps

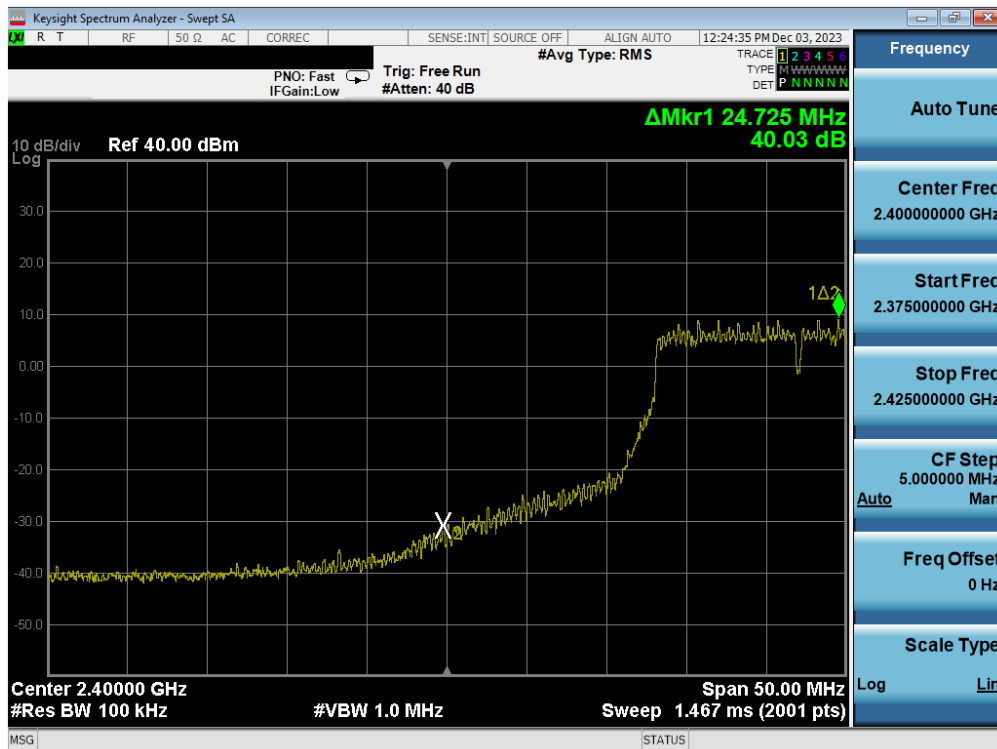


Plot 7-363. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 1) – MCS7

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 225 of 388

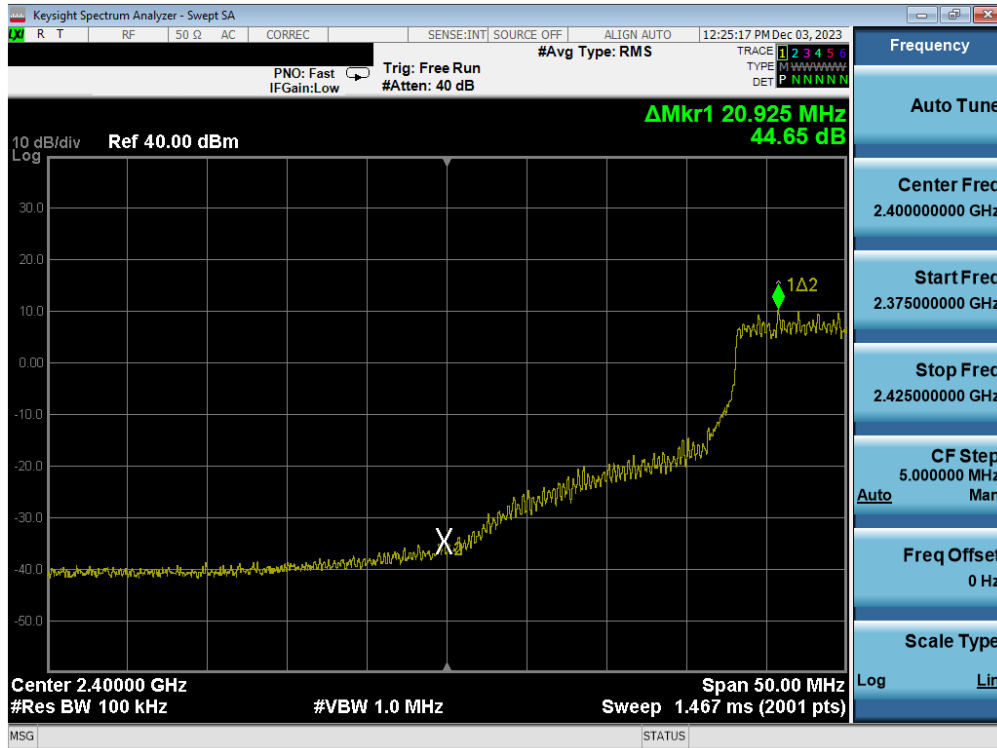


Plot 7-364. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 2) – MCS7

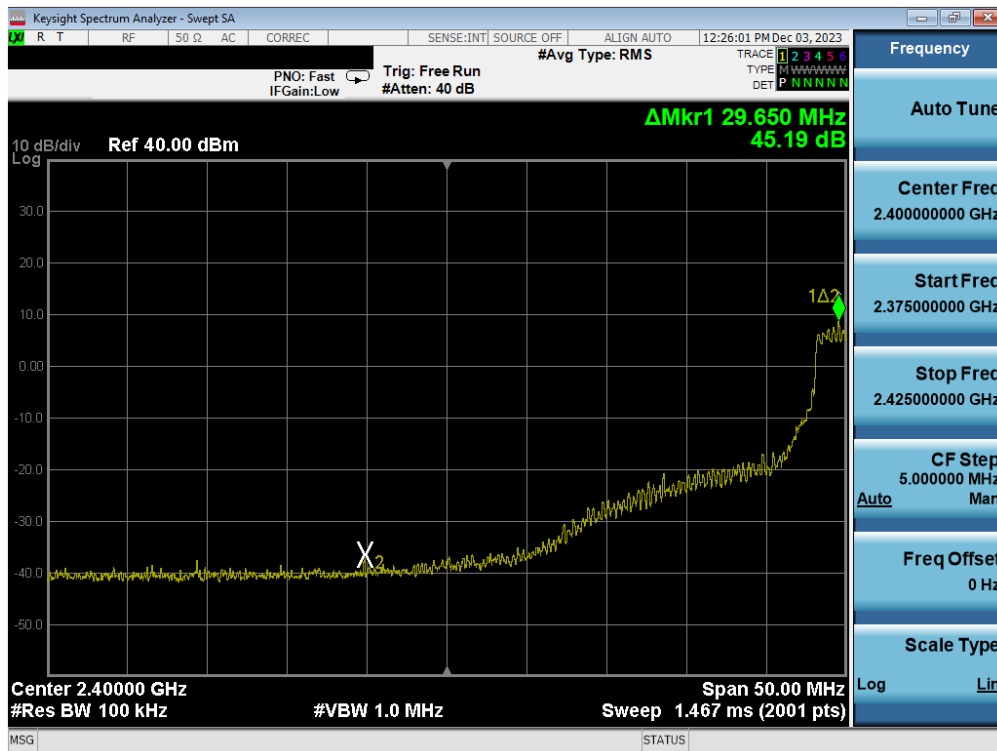


Plot 7-365. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 3) – MCS7

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 226 of 388

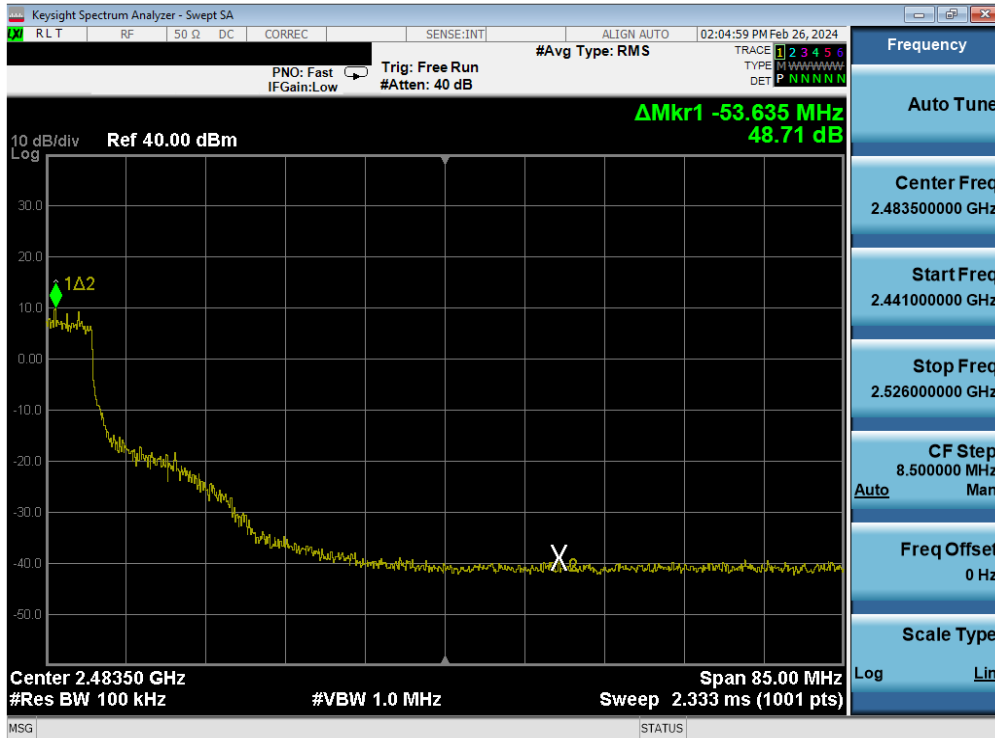


Plot 7-366. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 4) – MCS7

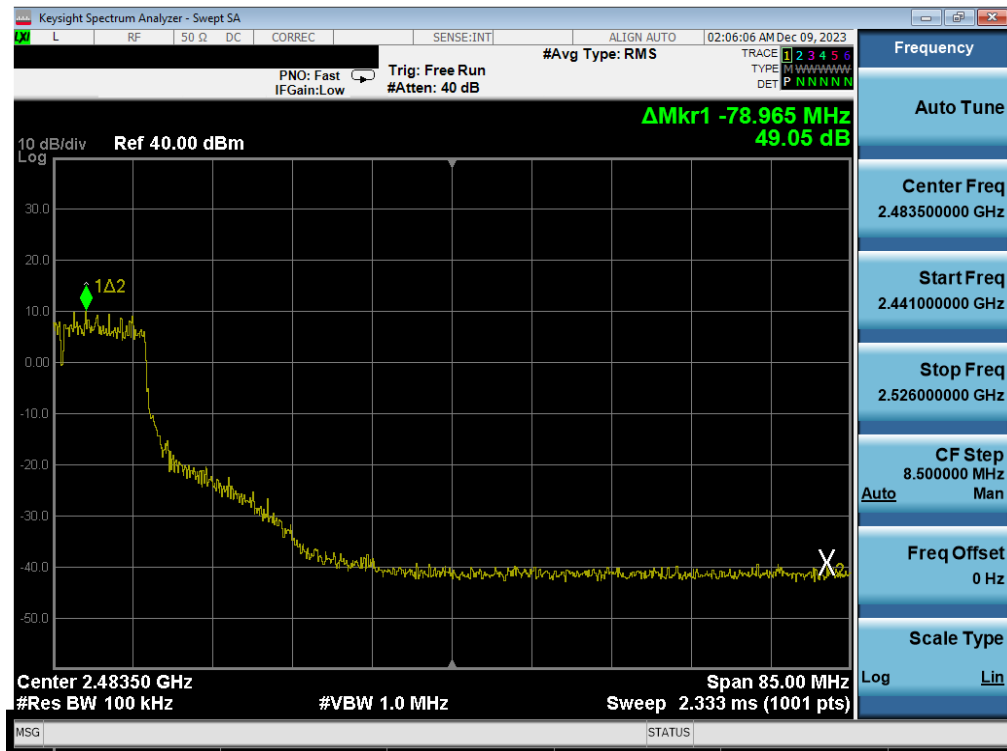


Plot 7-367. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 5) – MCS7

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 227 of 388

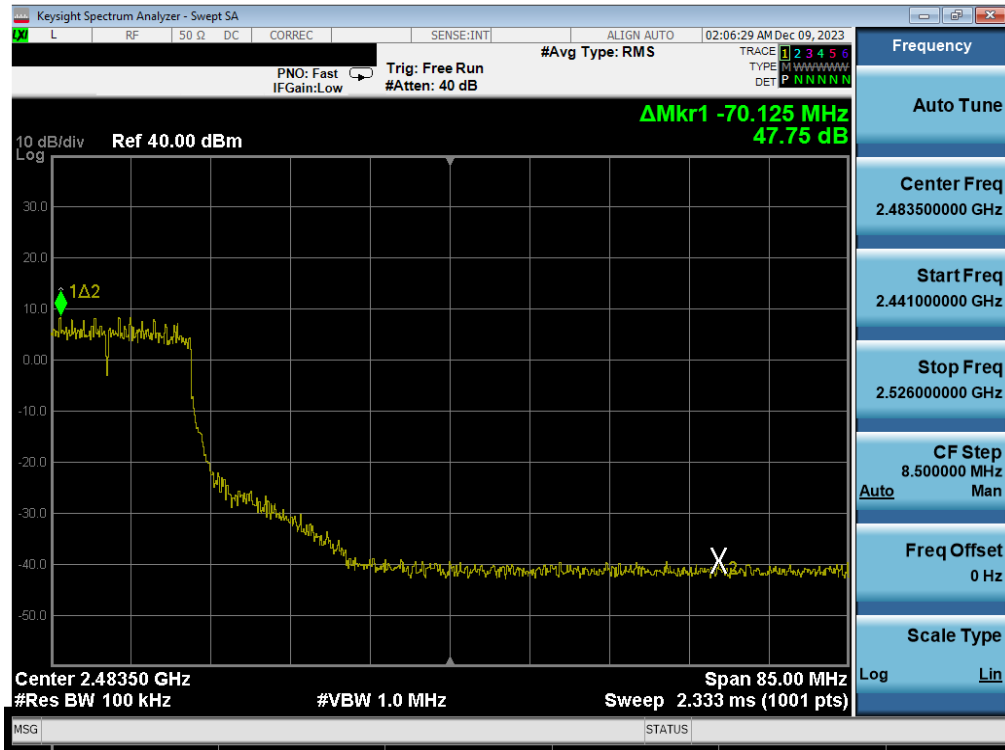


Plot 7-368. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 6 (high)) – MCS7

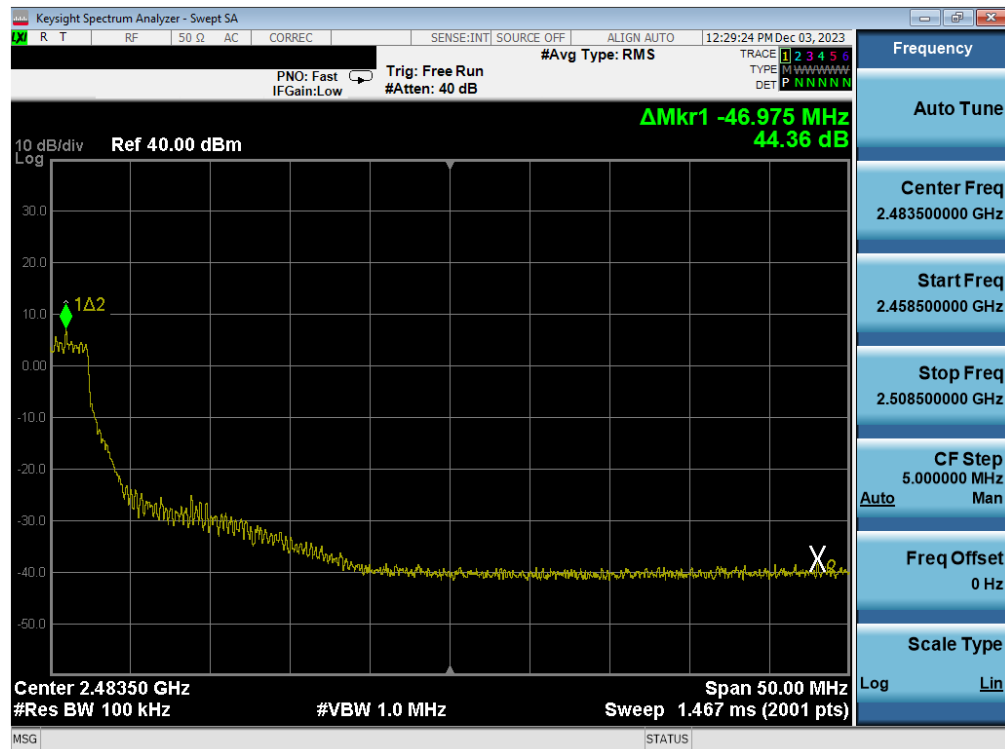


Plot 7-369. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 7) – MCS7

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 228 of 388

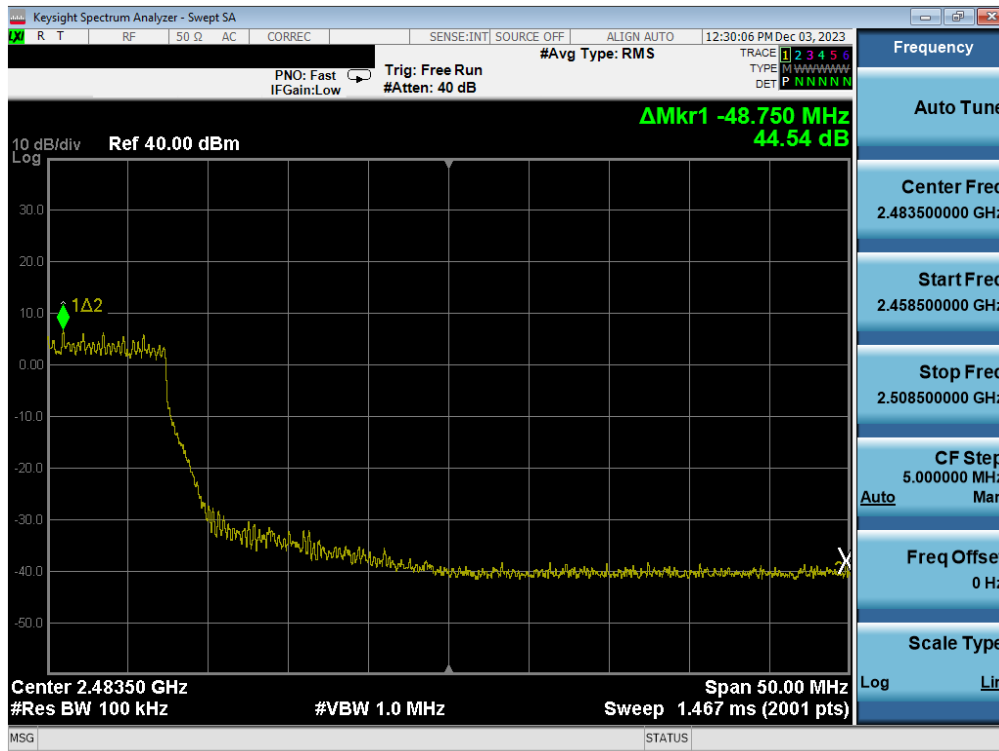


Plot 7-370. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 8) – MCS7

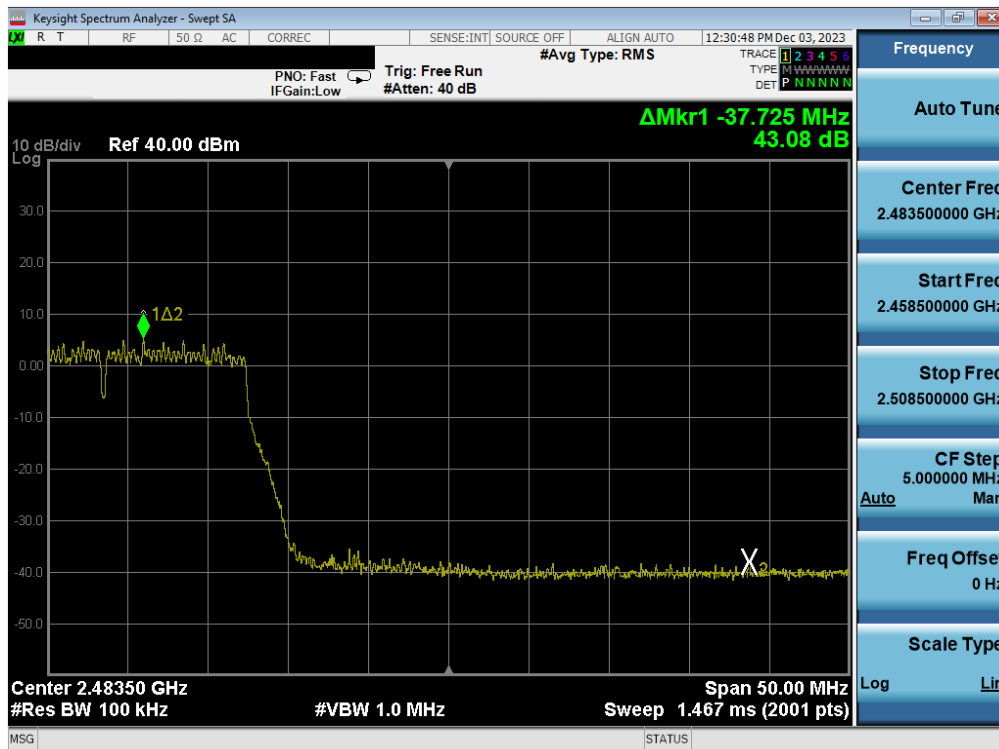


Plot 7-371. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 9) – MCS7

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 229 of 388

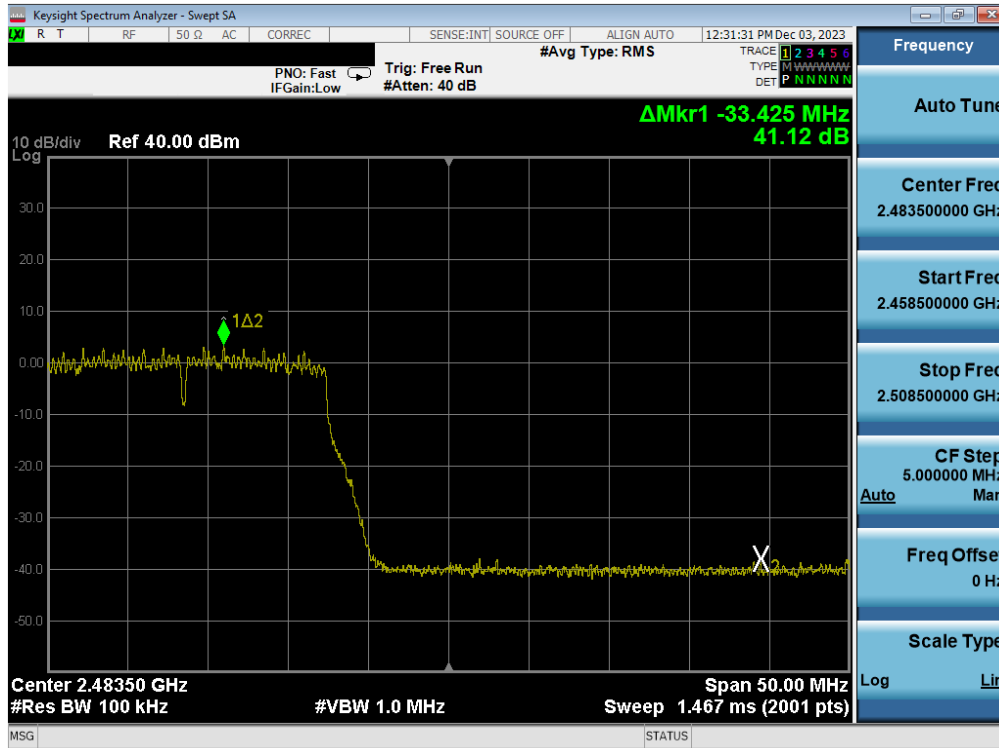


Plot 7-372. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 10) – MCS7

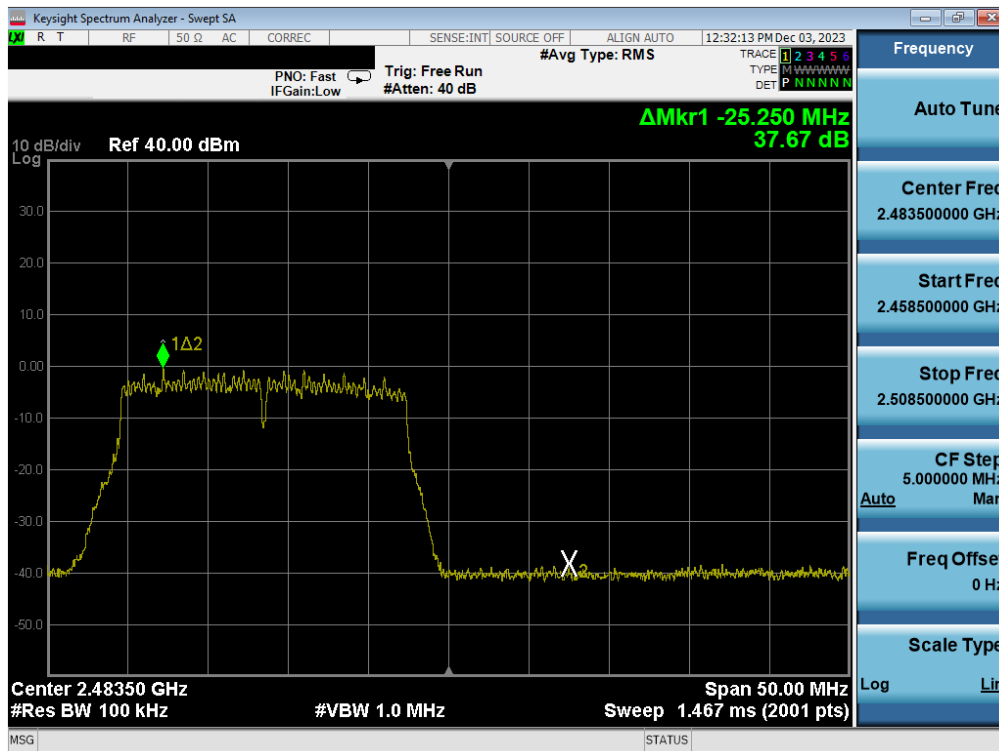


Plot 7-373. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 11) – MCS7

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 230 of 388

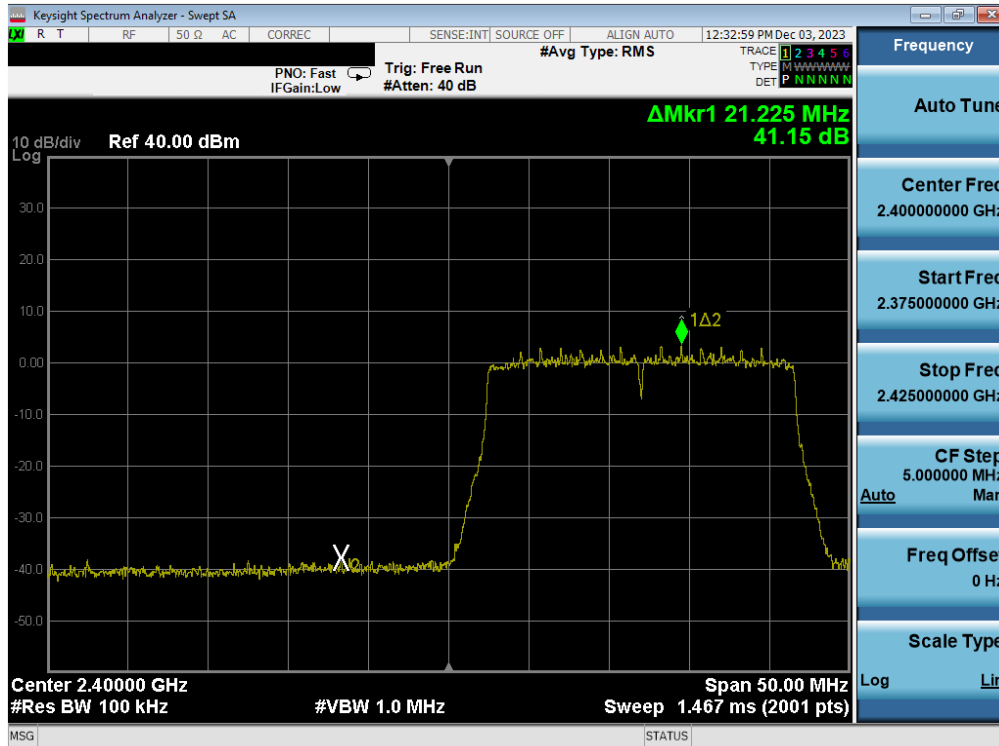


Plot 7-374. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 12) – MCS7

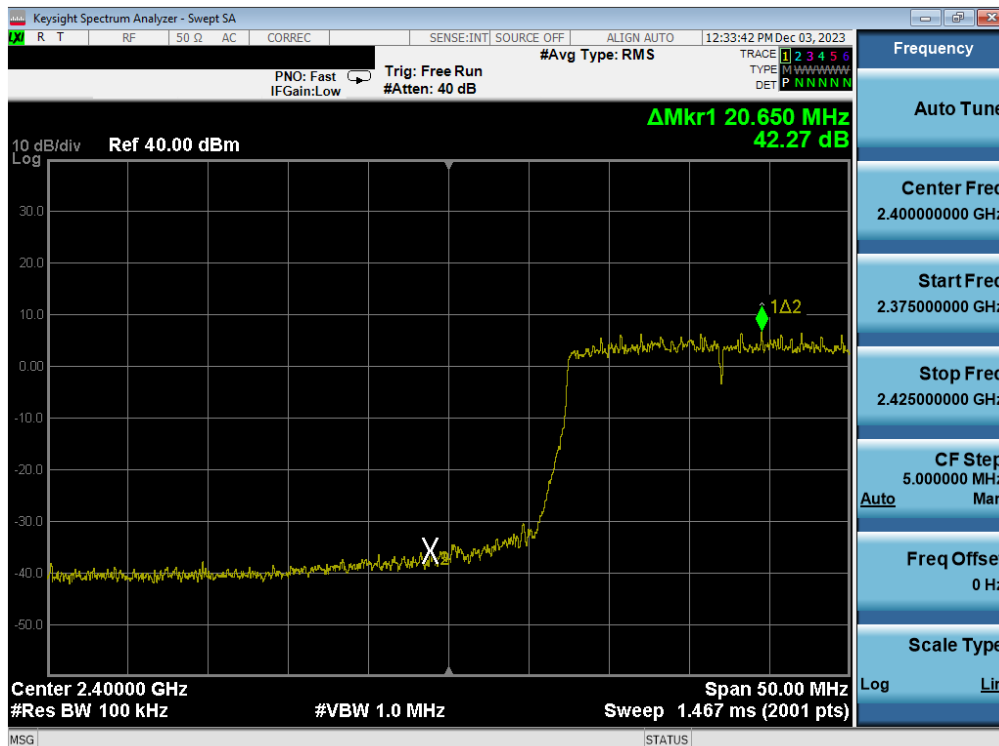


Plot 7-375. Band Edge Plot Antenna 1a (802.11n (2.4GHz) – Ch. 13) – MCS7

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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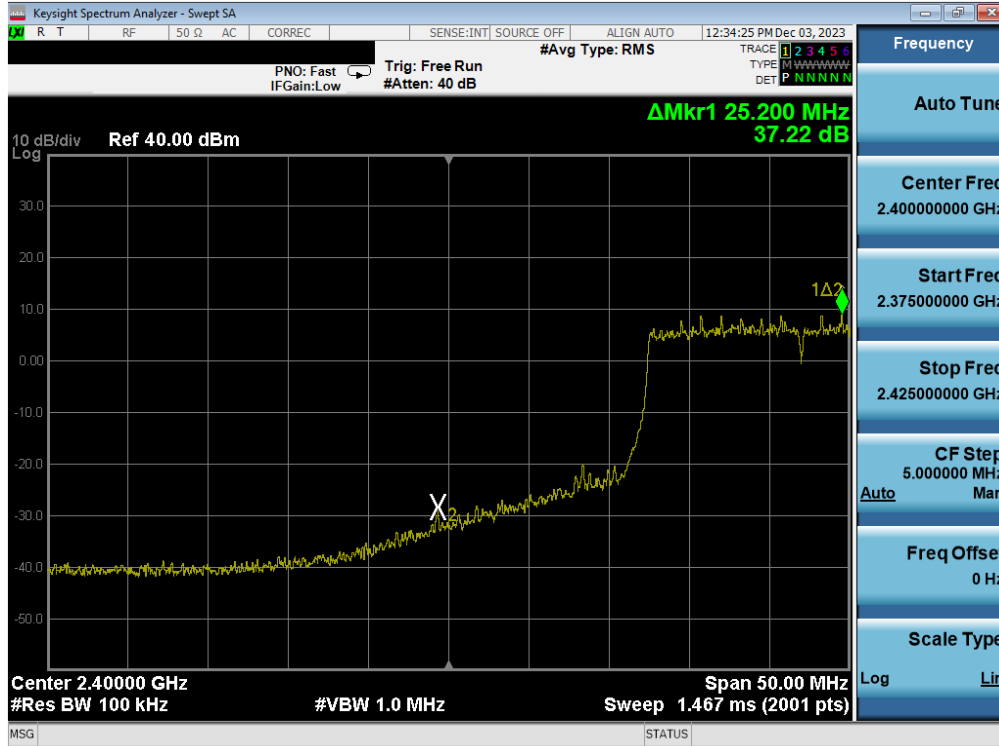


Plot 7-376. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 1) – MCS9

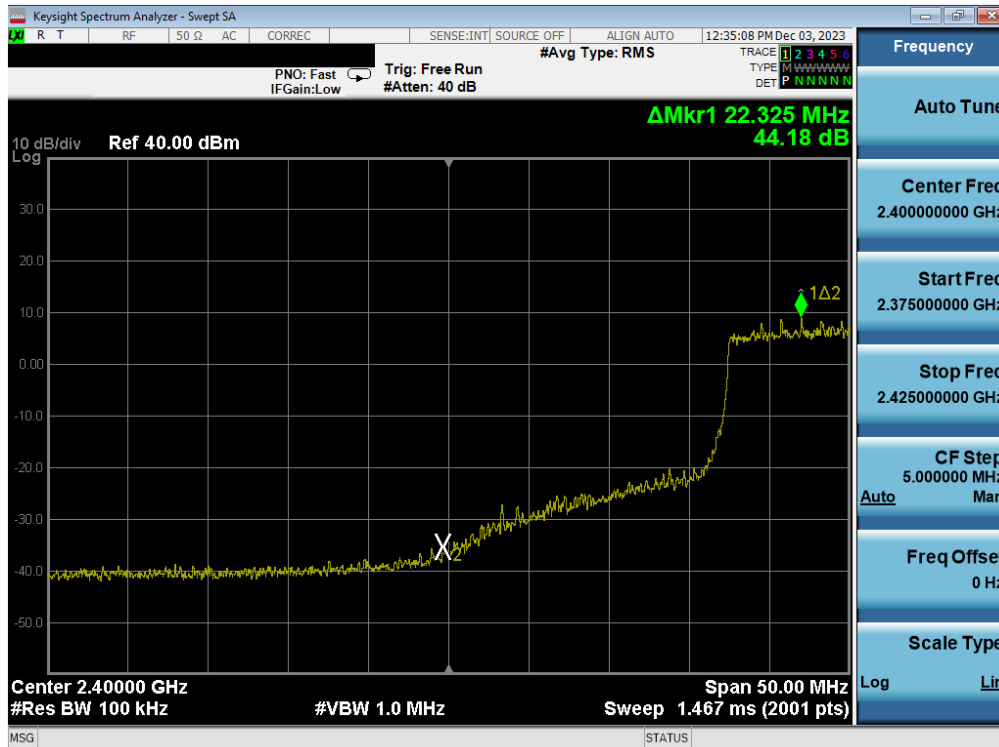


Plot 7-377. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 2) – MCS9

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 232 of 388

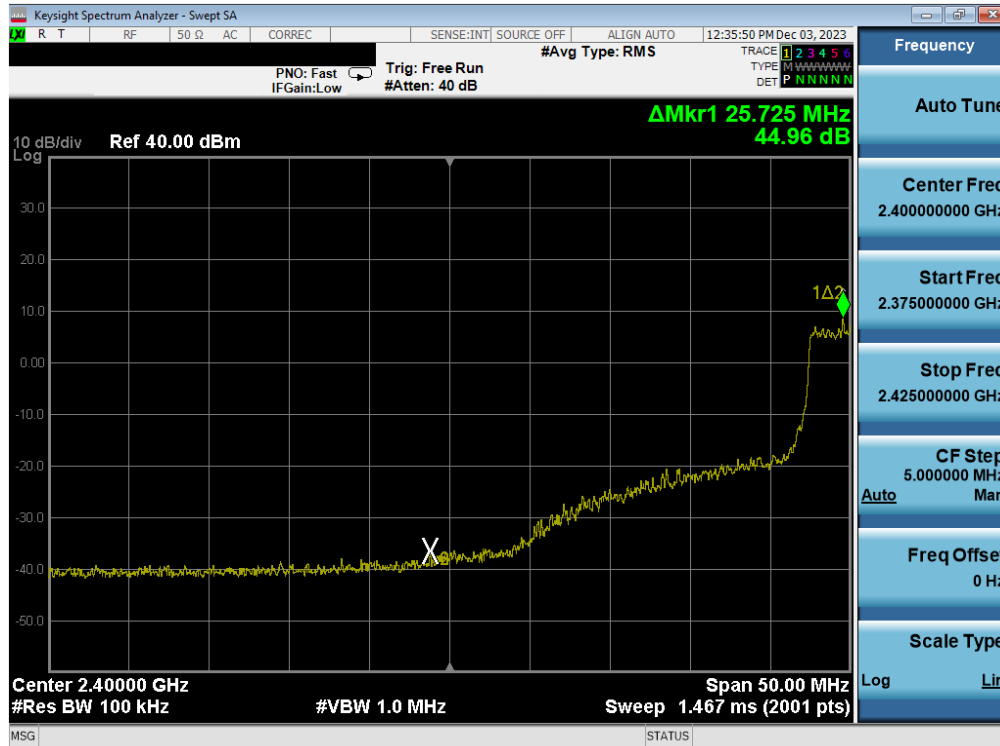


Plot 7-378. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 3) – MCS9

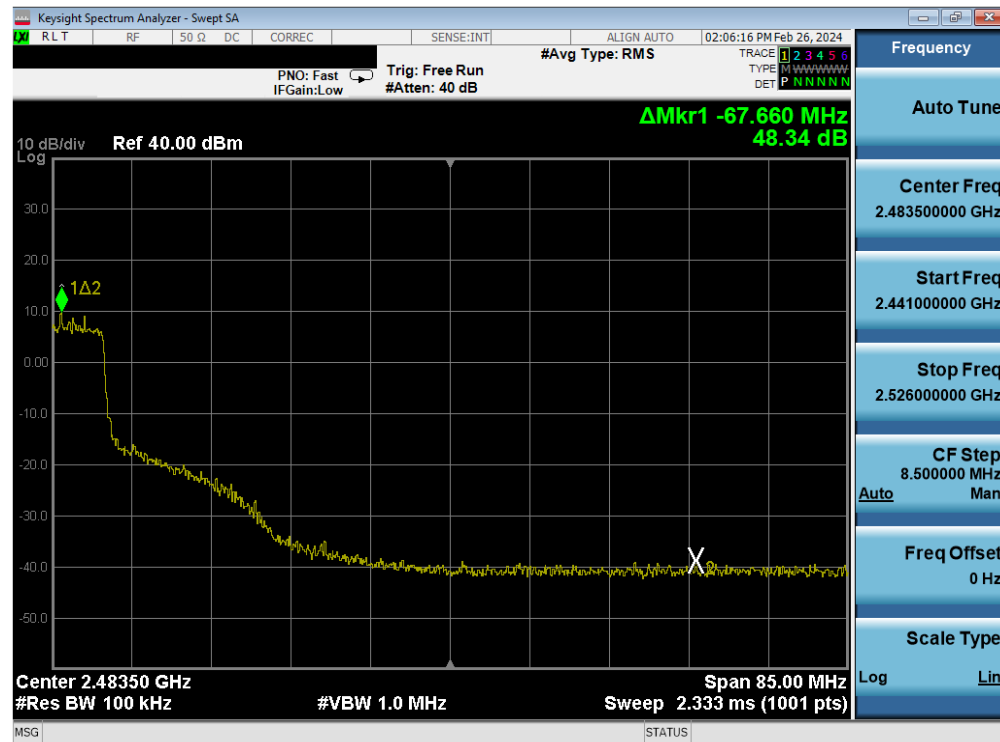


Plot 7-379. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 4) – MCS9

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 233 of 388

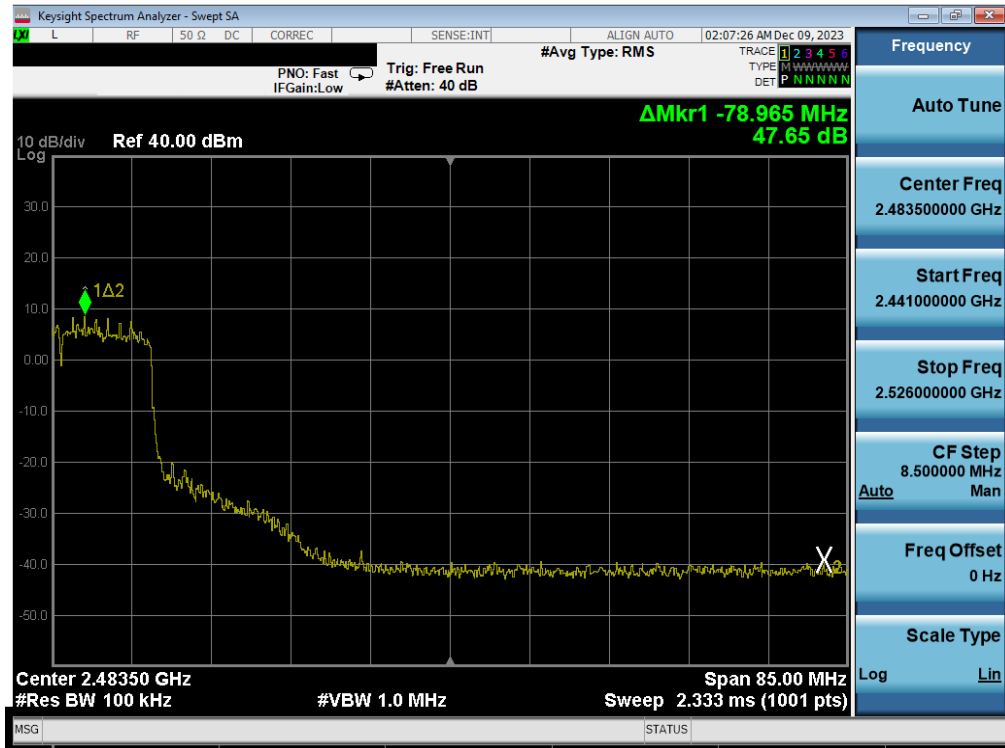


Plot 7-380. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 5) – MCS9

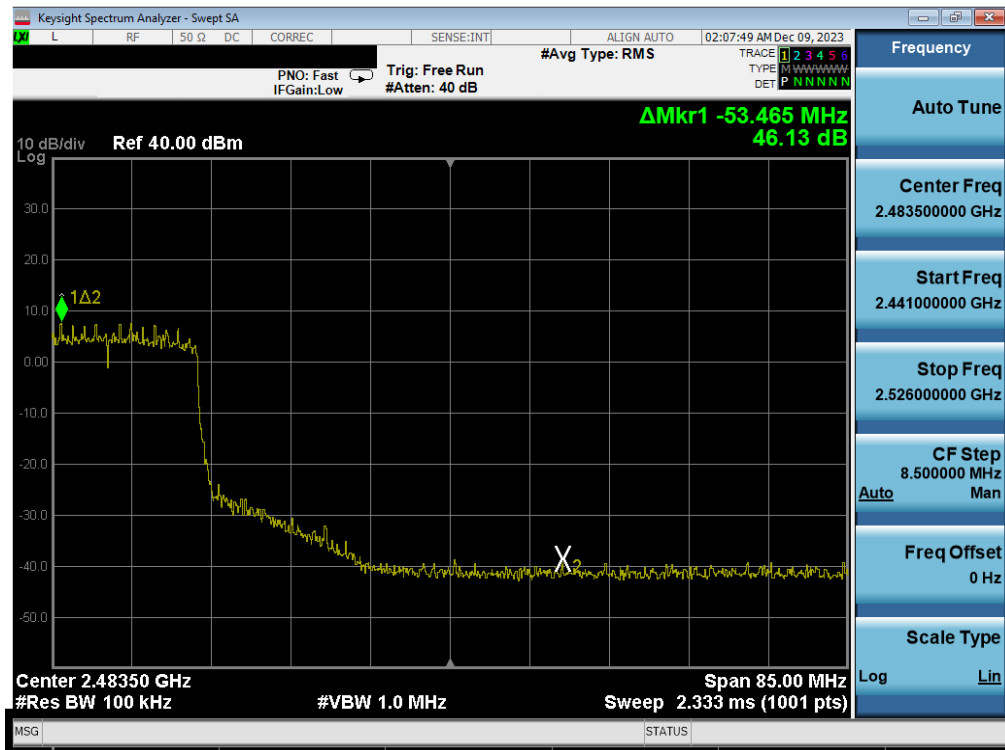


Plot 7-381. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 6 (high)) – MCS9

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 234 of 388

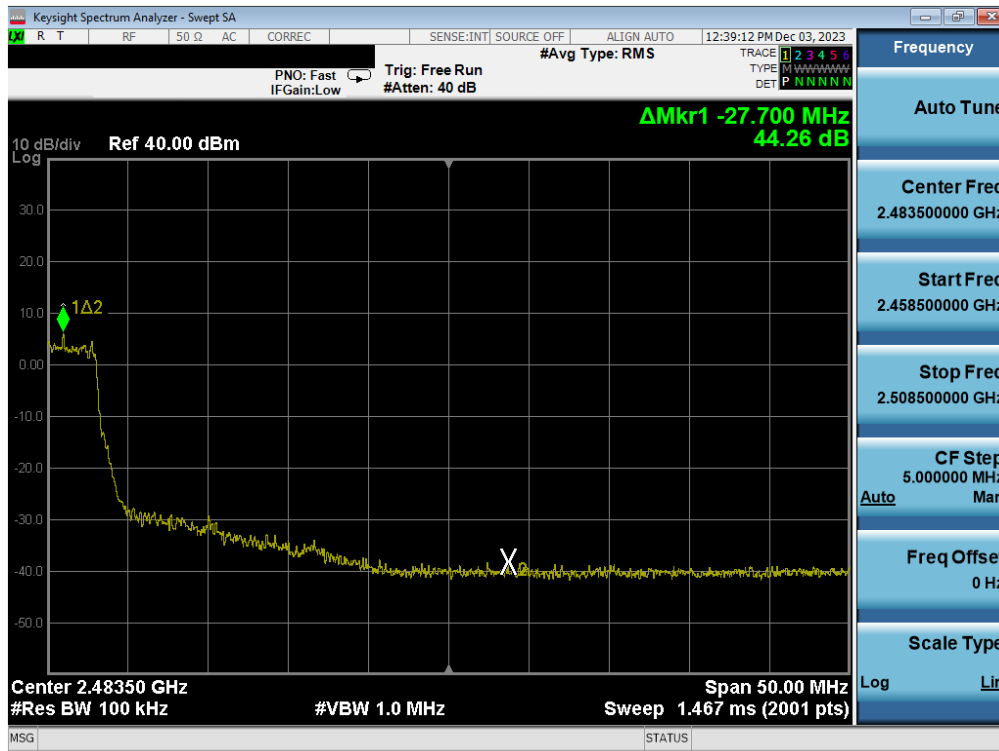


Plot 7-382. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 7) – MCS9

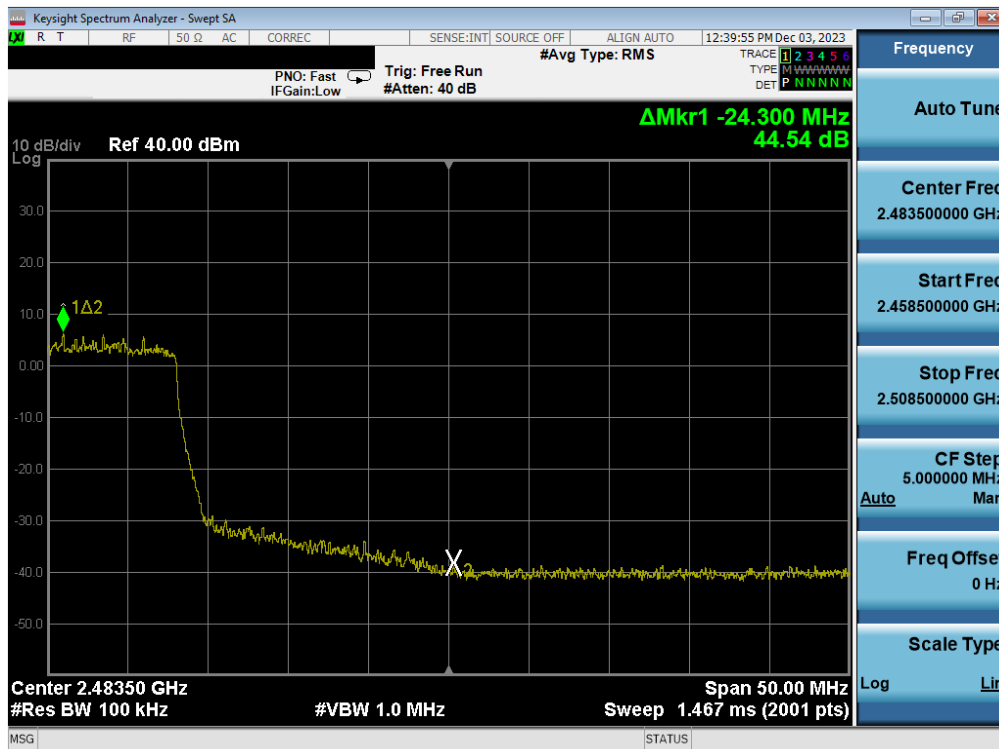


Plot 7-383. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 8) – MCS9

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 235 of 388

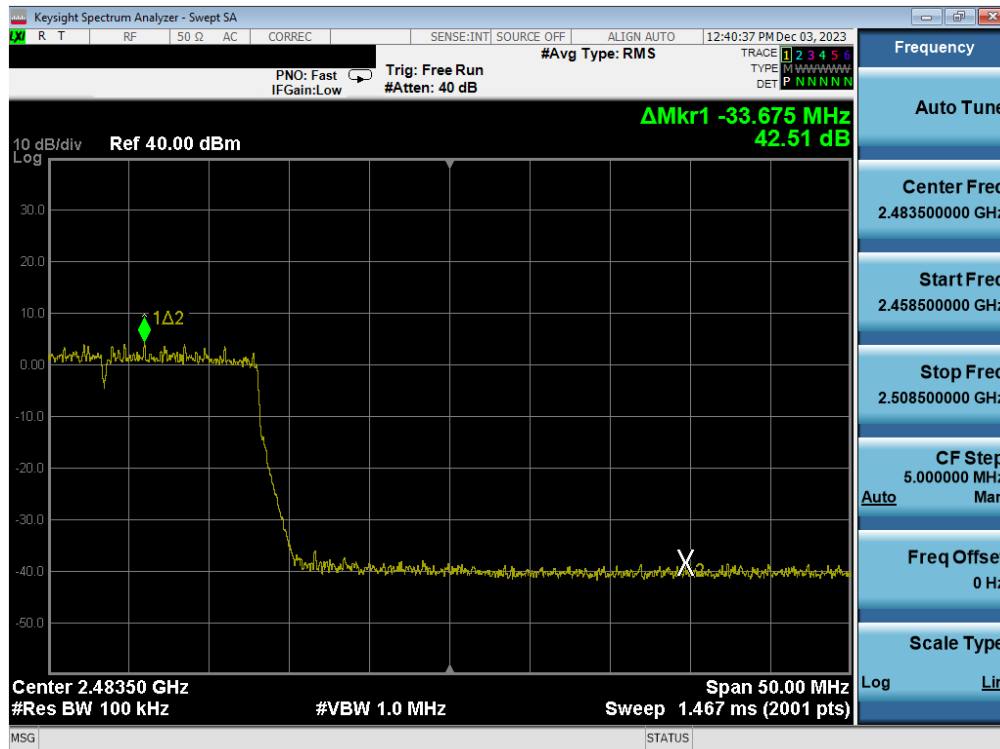


Plot 7-384. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 9) – MCS9

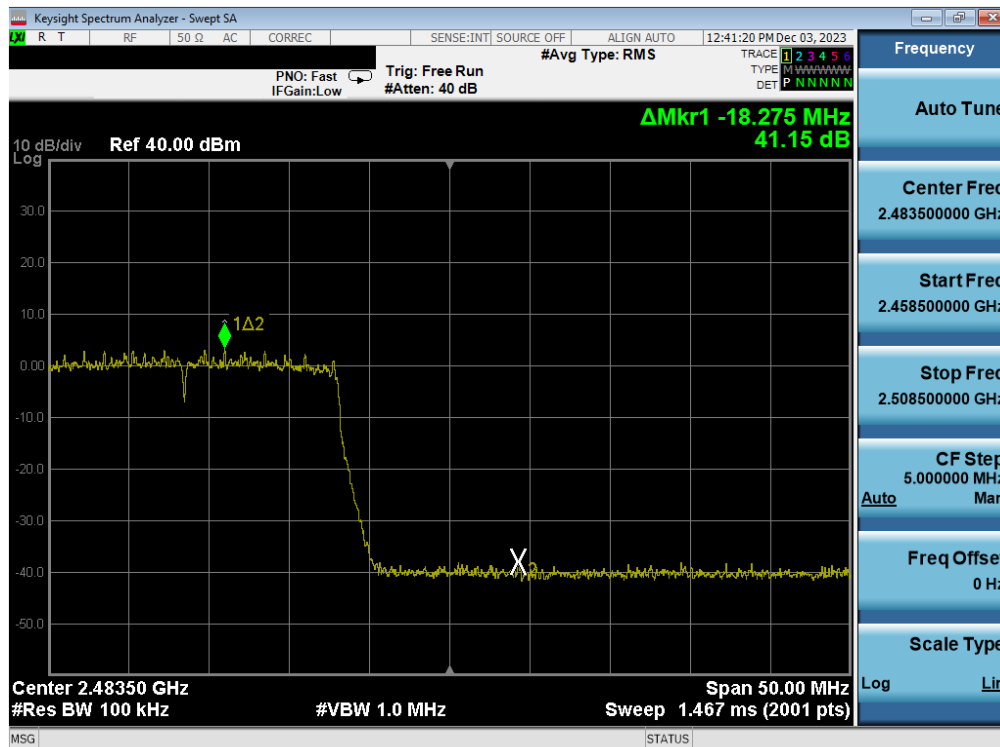


Plot 7-385. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 10) – MCS9

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-386. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 11) – MCS9



Plot 7-387. Band Edge Plot Antenna 1a (802.11ax (SU - 2.4GHz) – Ch. 12) – MCS9

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2311270066-16.BCG	Test Dates: 11/29/2023 - 2/25/2024	EUT Type: Tablet Device	Page 237 of 388

7.6 Conducted Spurious Emissions

§15.247(d); RSS-247 [5.5]

Test Overview and Limit

All out of band emissions are measured with a spectrum analyzer connected to the antenna terminal of the EUT while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates were investigated to determine the worst case configuration. For the following out of band conducted spurious emissions plots, the EUT was investigated in all available data rates for “b”, “g”, “n”, “ax-SU” modes. The worst case spurious emissions for the 2.4GHz band were found while transmitting in “b” mode at 11 Mbps and are shown in the plots below.

The limit for out-of-band spurious emissions at the band edge is 20dB below the fundamental emission level, as determined from the in-band power measurement of the DTS channel performed in a 100kHz bandwidth per the procedure in Section 11.11 of ANSI C63.10-2013 and KDB 558074 D01 v05r02.

Test Procedure Used

ANSI C63.10-2013 – Subclause 11.11.3
 KDB 558074 D01 v05r02 – Section 8.5
 ANSI C63.10-2013 – Subclause 14.3.3
 KDB 662911 D01 v02r01 – Section E)3)b)

Test Settings

1. Start frequency was set to 30MHz and stop frequency was set to 25GHz (separated into two plots per channel)
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = Peak
5. Trace mode = max hold
6. Sweep time = auto couple
7. The trace was allowed to stabilize

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.



Figure 7-5. Test Instrument & Measurement Setup

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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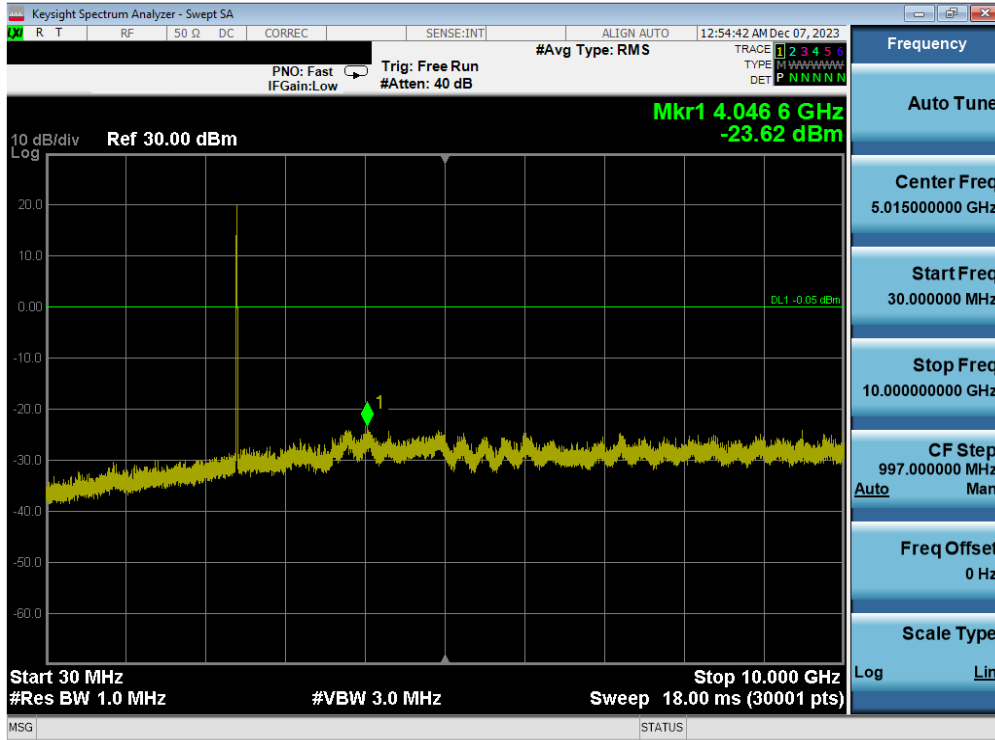
V 10.6 09/14/2023

Test Notes

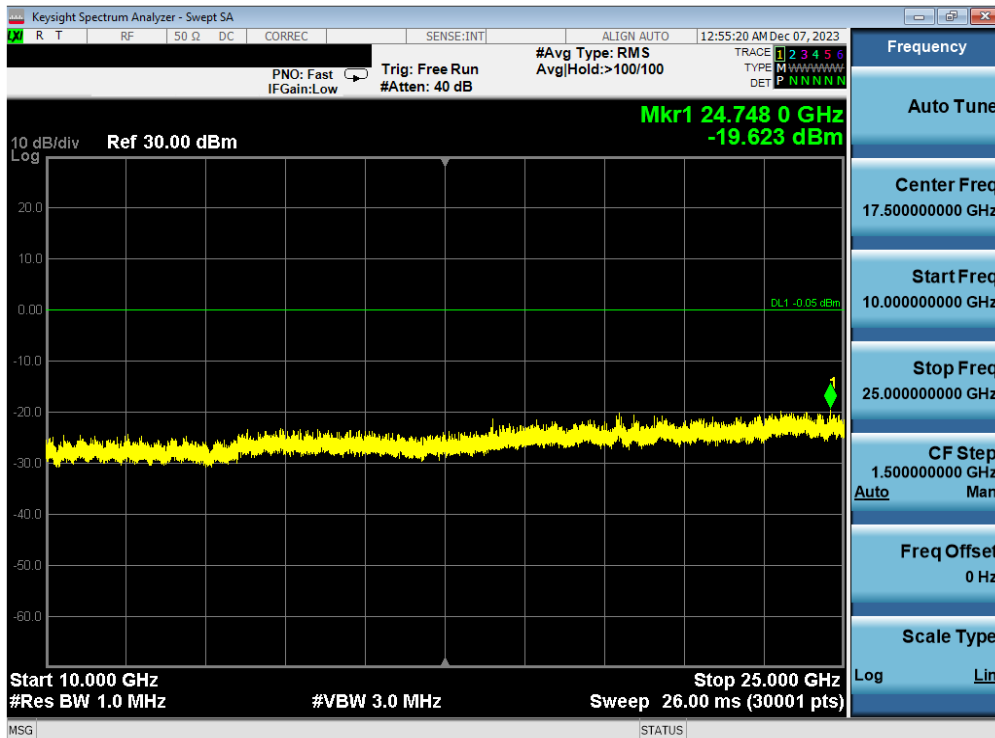
1. RBW was set to 1MHz rather than 100kHz in order to increase the measurement speed.
2. The display line shown in the following plots denotes the limit at 20dB below the fundamental emission level measured in a 100kHz bandwidth. However, since the traces in the following plots are measured with a 1MHz RBW, the display line may not necessarily appear to be 20dB below the level of the fundamental in a 1MHz bandwidth.
3. For plots showing conducted spurious emissions near the limit, the frequencies were investigated with a reduced RBW to ensure that no emissions were present.
4. The conducted spurious emissions were measured to relative limits. Therefore, in accordance with ANSI C63.10-2013 and KDB 662911 D01 v02r01 Section E)3)b), it was unnecessary to show compliance through the summation of test results of the individual outputs.
5. All modes, data rates, and antenna configurations were investigated and only the worse case is reported.

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7.6.1 Antenna 3a Conducted Spurious Emission

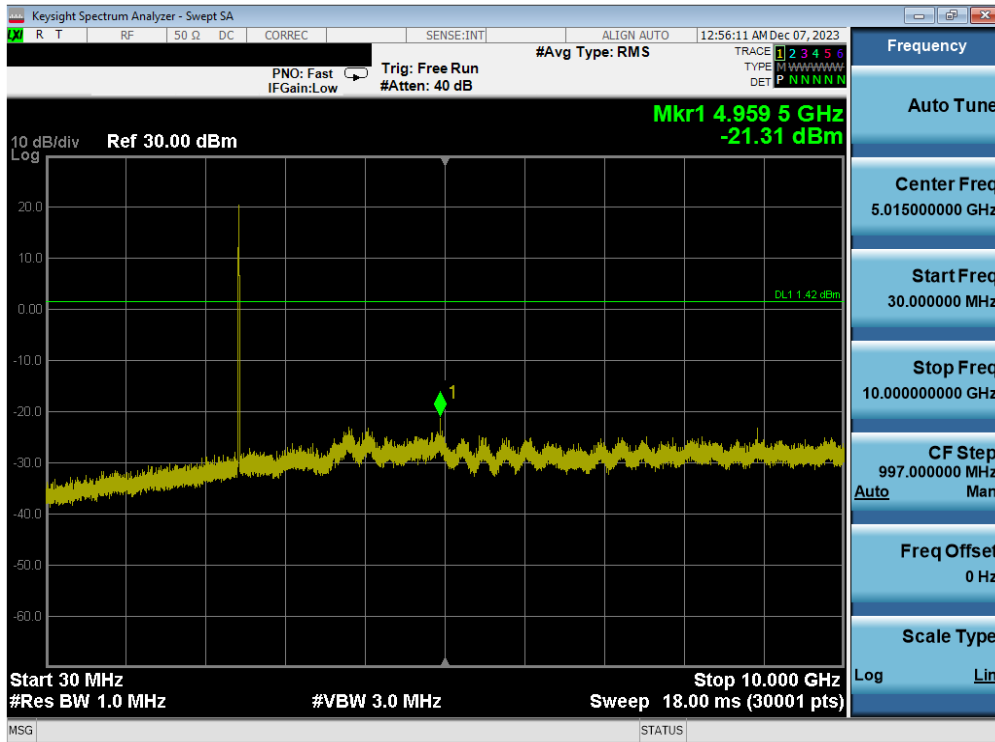


Plot 7-388. Conducted Spurious Plot Antenna 3a (802.11b – Ch. 1)

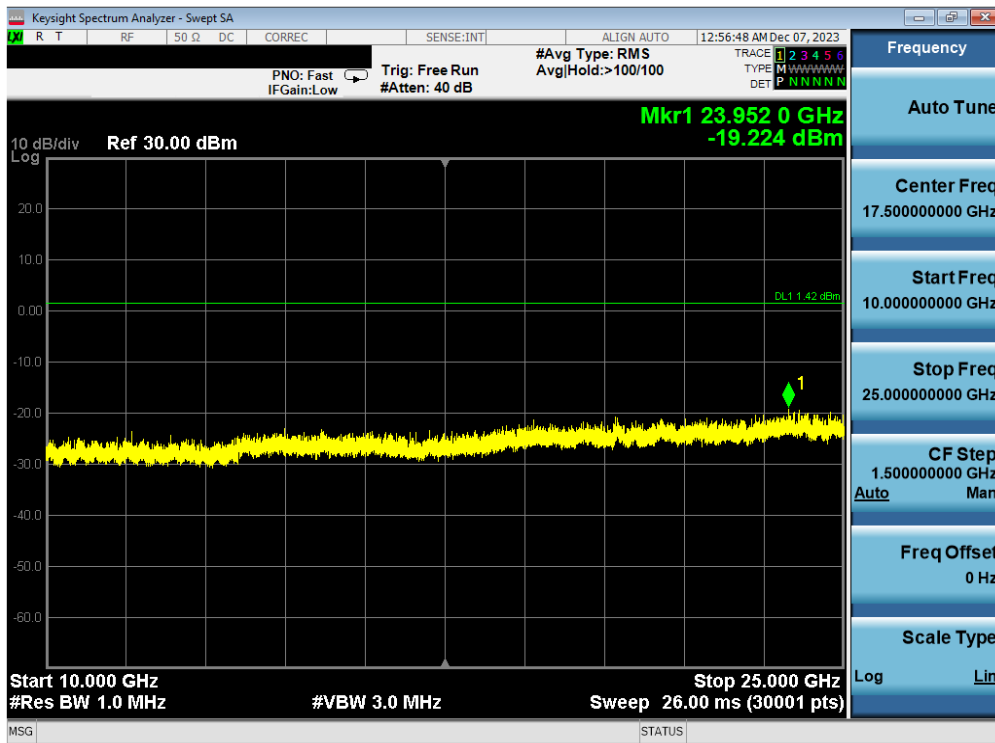


Plot 7-389. Conducted Spurious Plot Antenna 3a (802.11b – Ch. 1)

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-390. Conducted Spurious Plot Antenna 3a (802.11b – Ch. 6)



Plot 7-391. Conducted Spurious Plot Antenna 3a (802.11b – Ch. 6)

FCC ID: BCGA2899 IC: 579C-A2899		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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