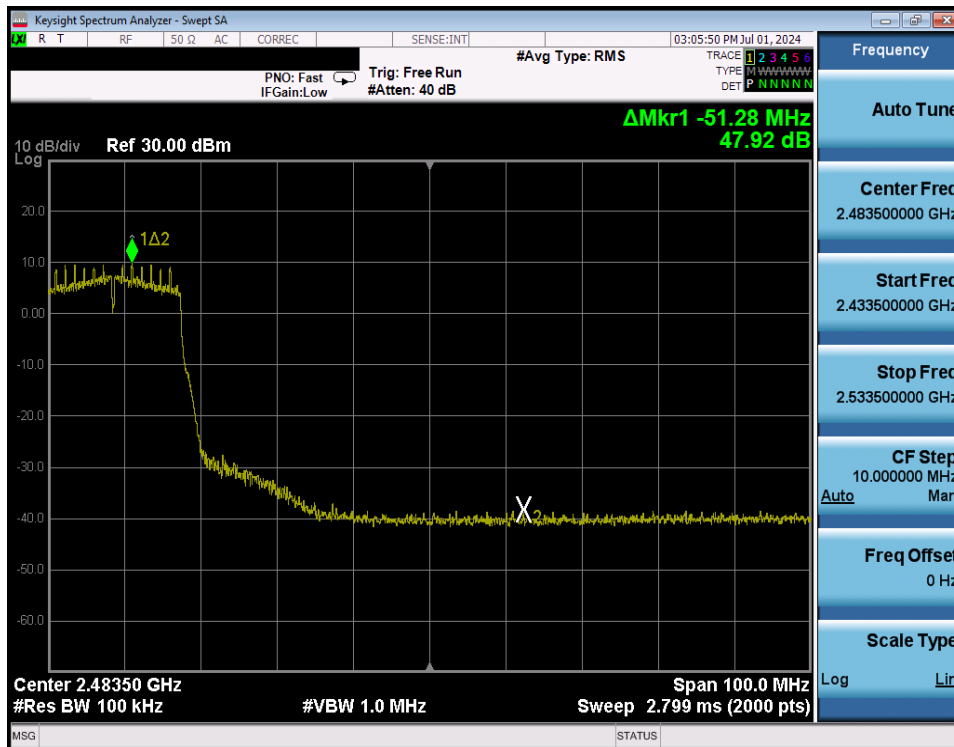
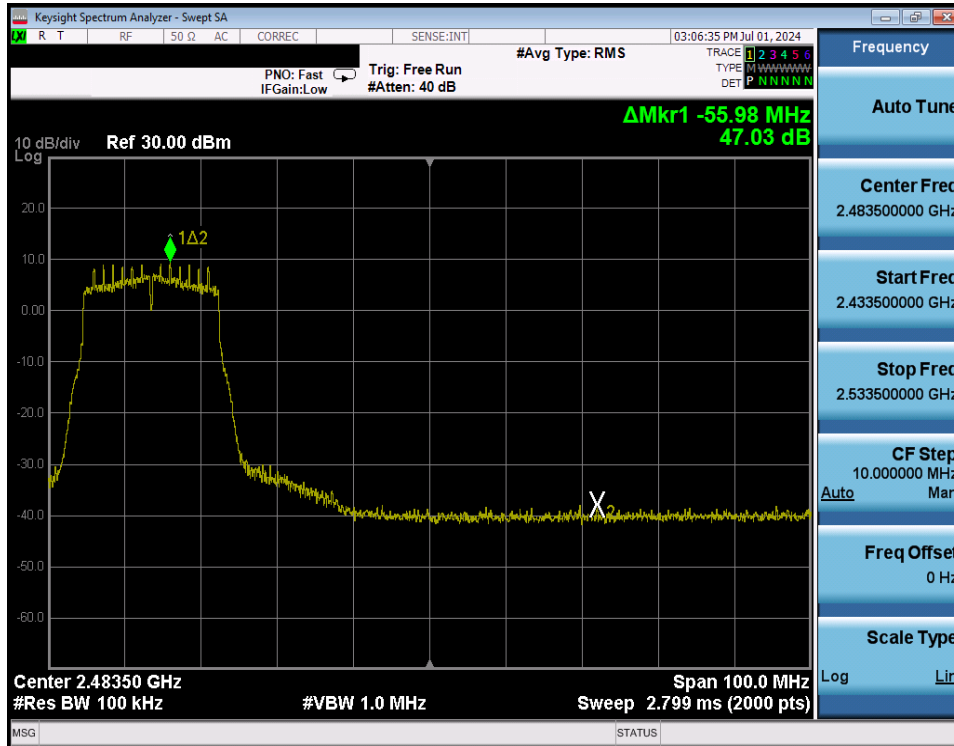


Plot 7-322. Band Edge Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 6 High) – MCS2

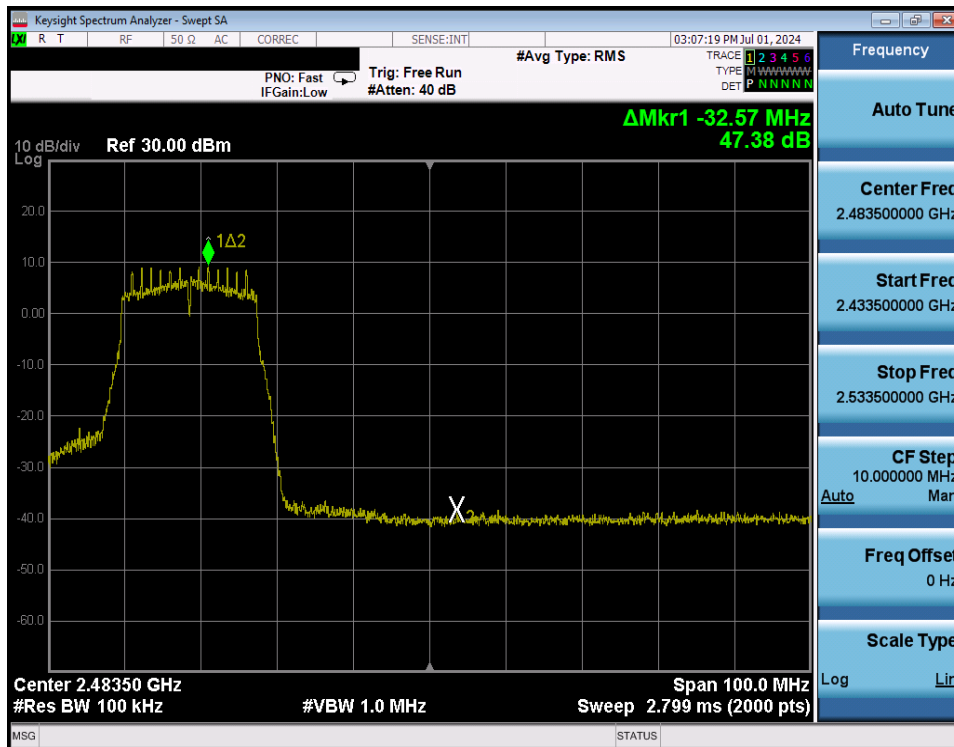


Plot 7-323. Band Edge Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 7) – MCS2

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 207 of 431

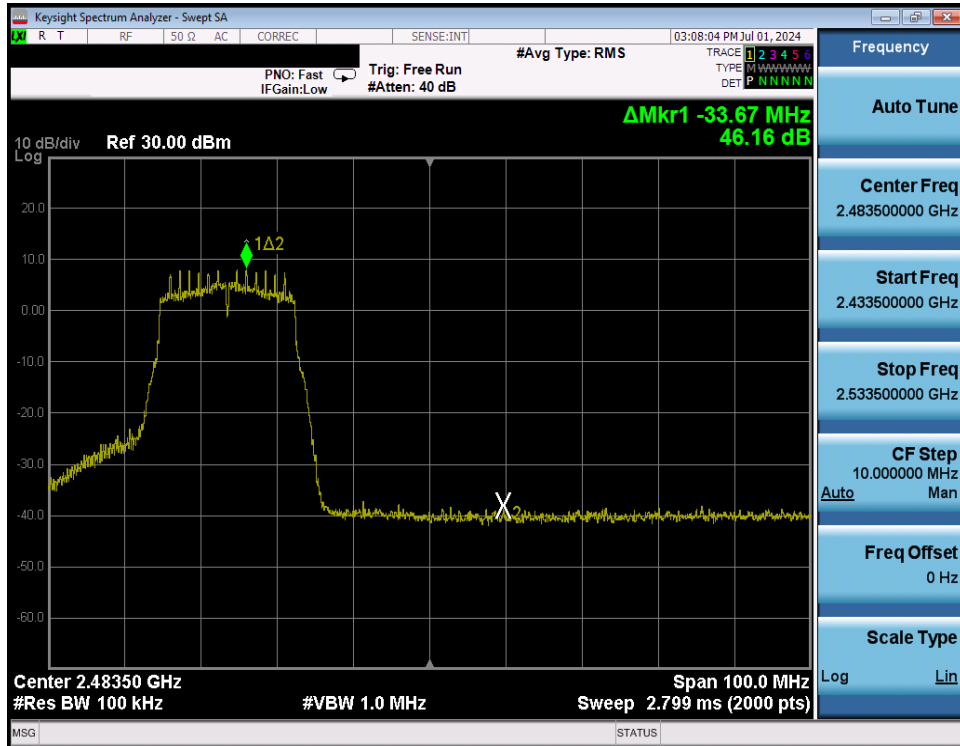


Plot 7-324. Band Edge Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 8) – MCS2

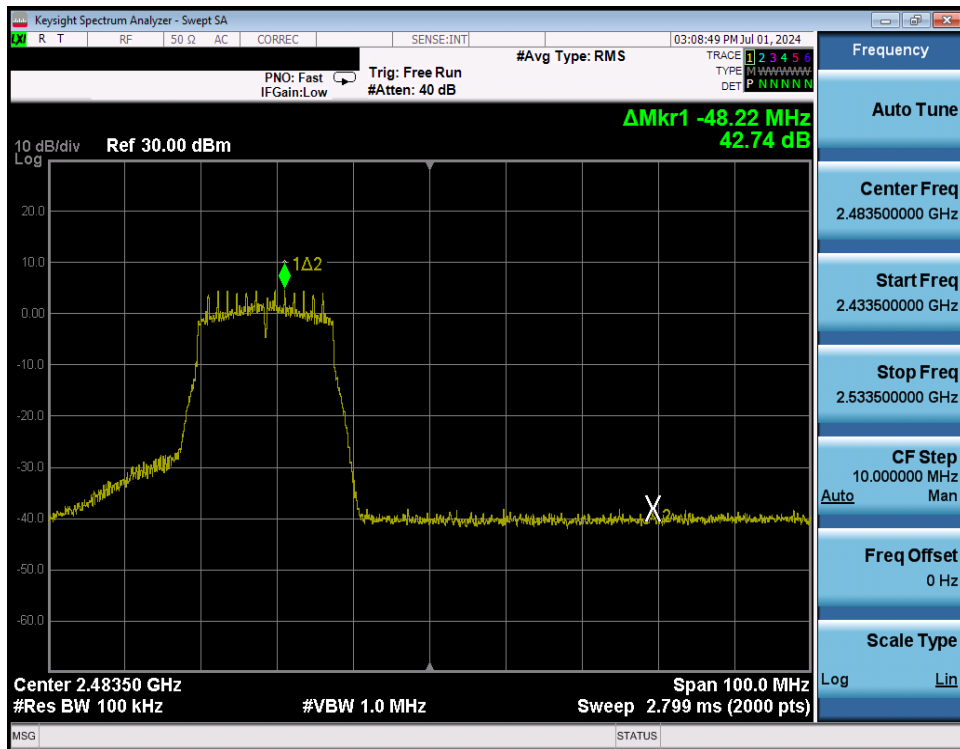


Plot 7-325. Band Edge Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 9) – MCS2

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 208 of 431

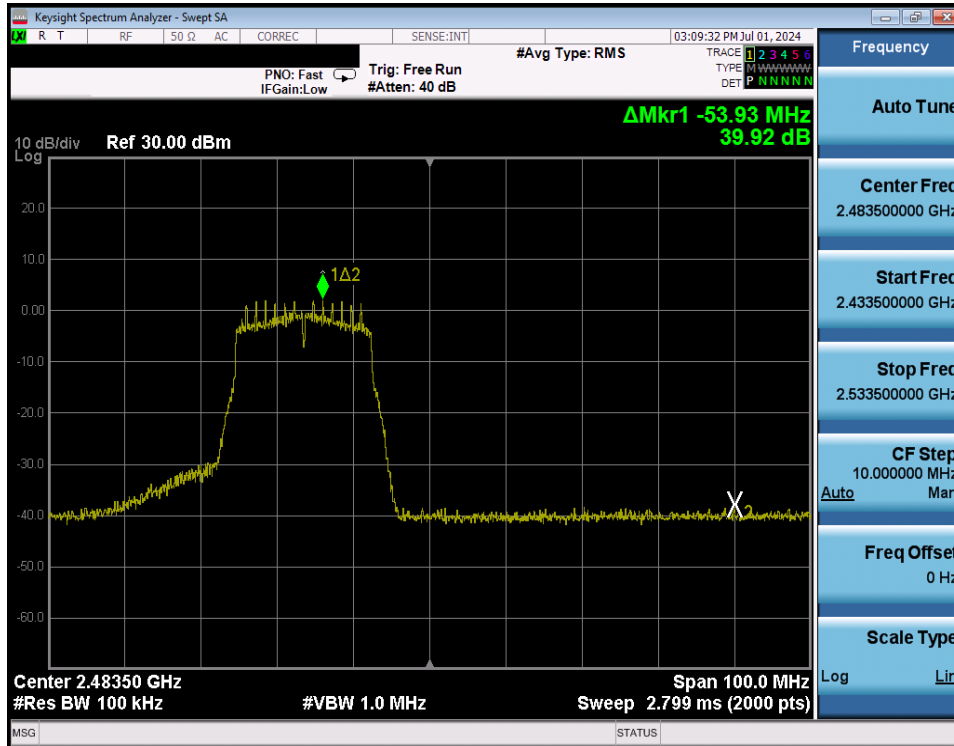


Plot 7-326. Band Edge Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 10) – MCS2

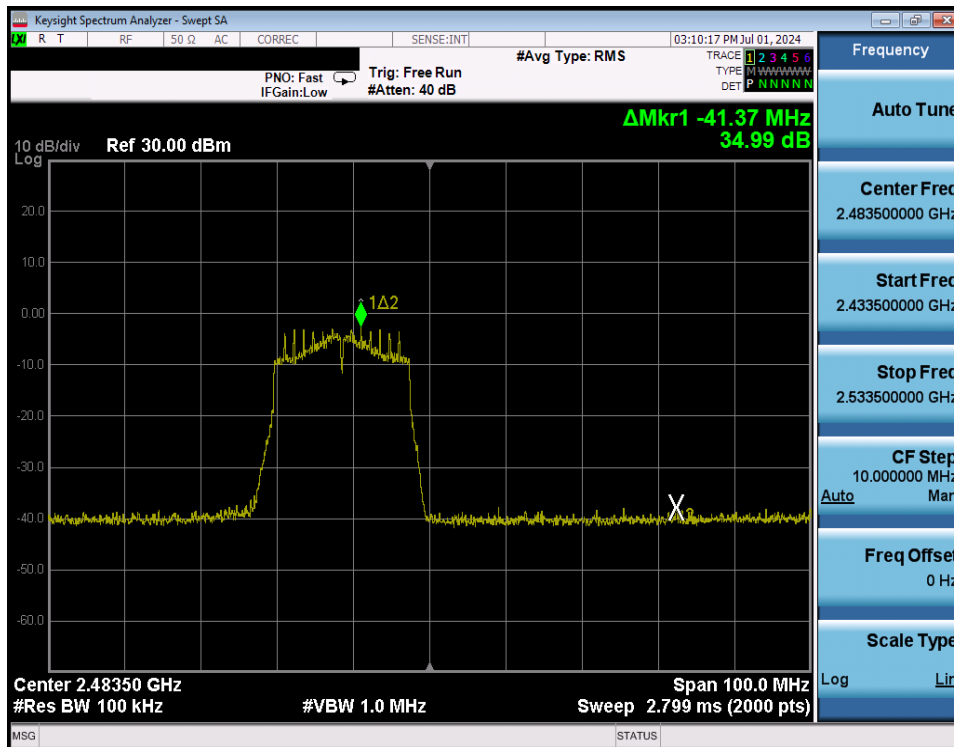


Plot 7-327. Band Edge Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 11) – MCS2

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 209 of 431

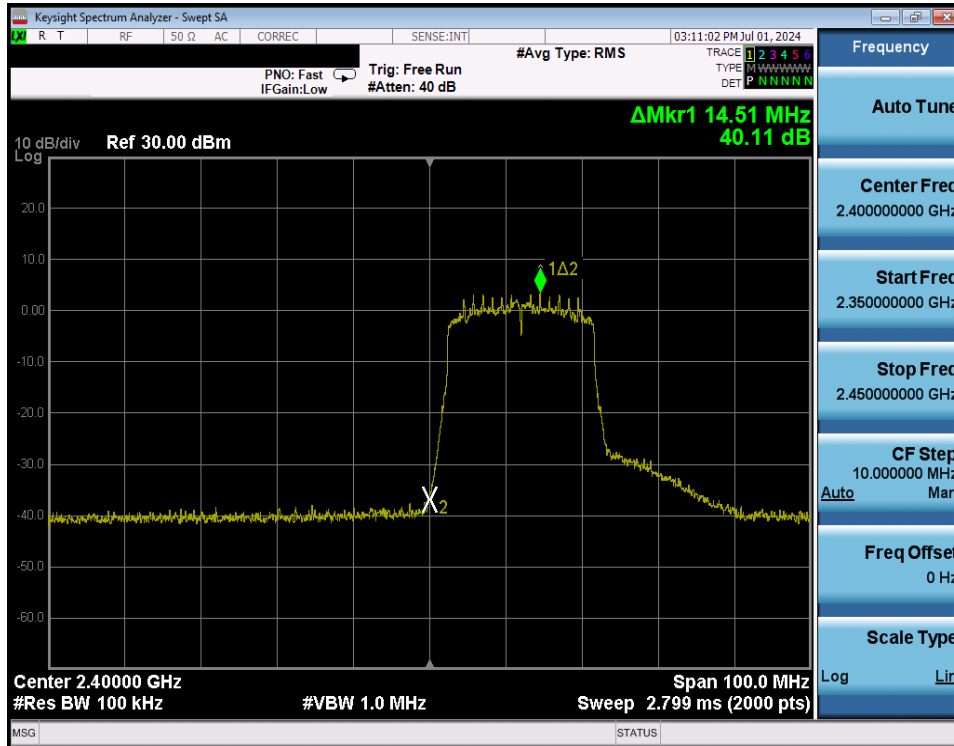


Plot 7-328. Band Edge Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 12) – MCS2

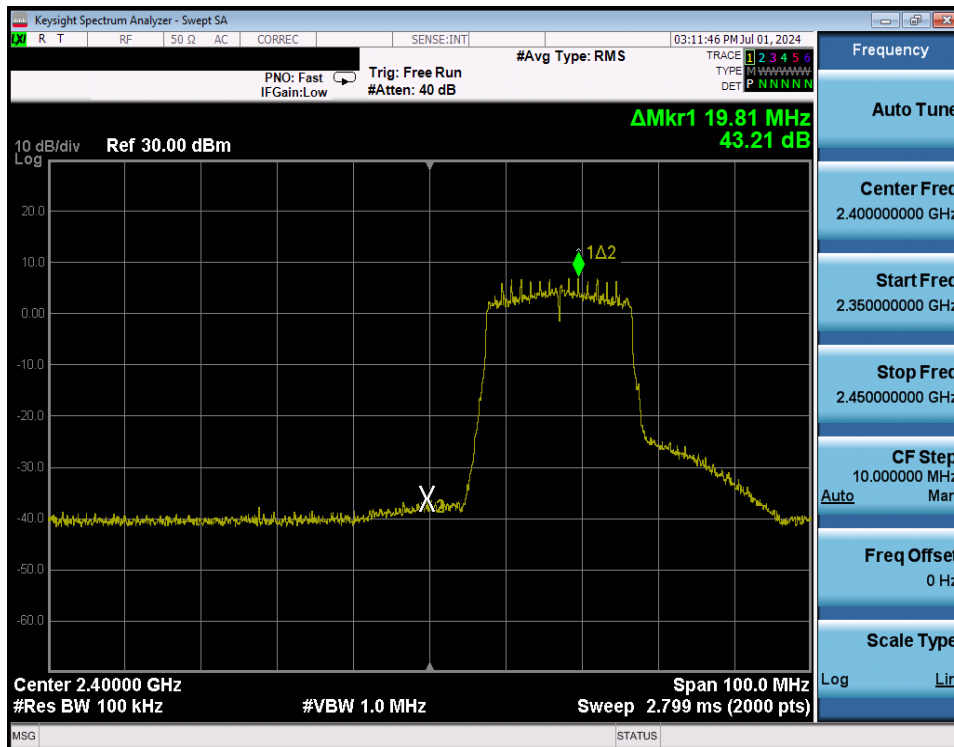


Plot 7-329. Band Edge Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 13) – MCS2

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 210 of 431

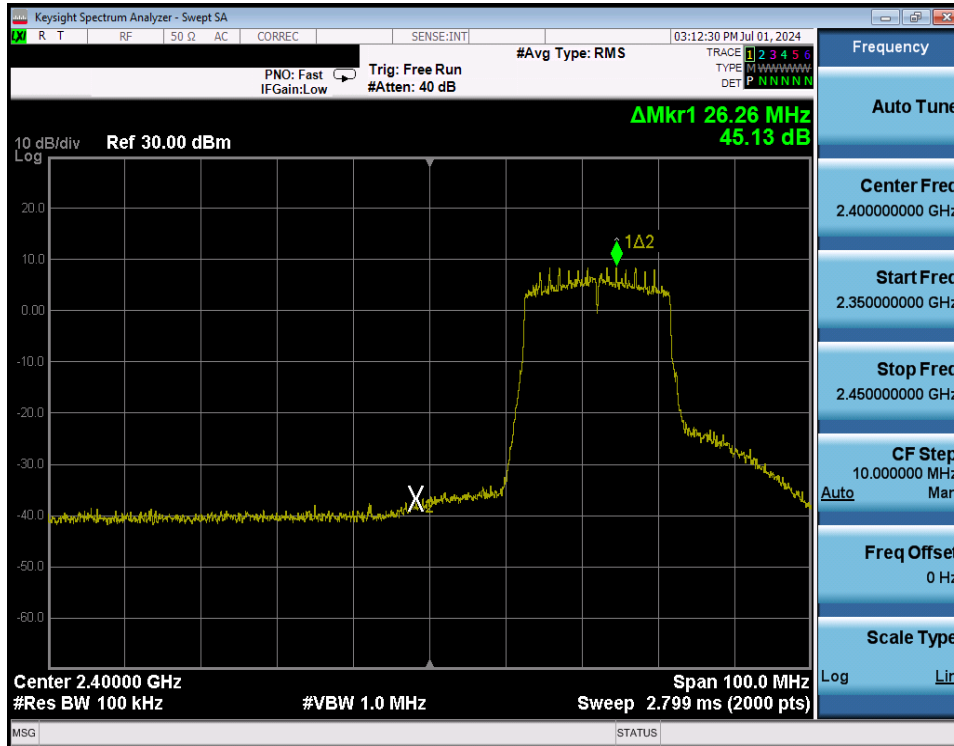


Plot 7-330. Band Edge Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 1) – MCS2

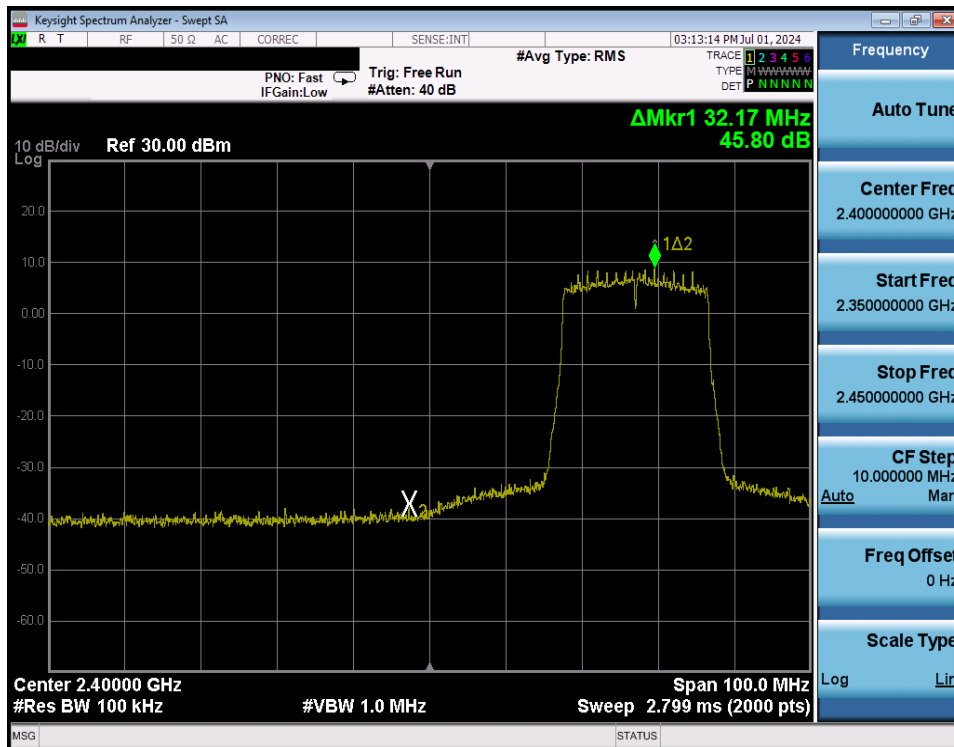


Plot 7-331. Band Edge Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 2) – MCS2

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 211 of 431

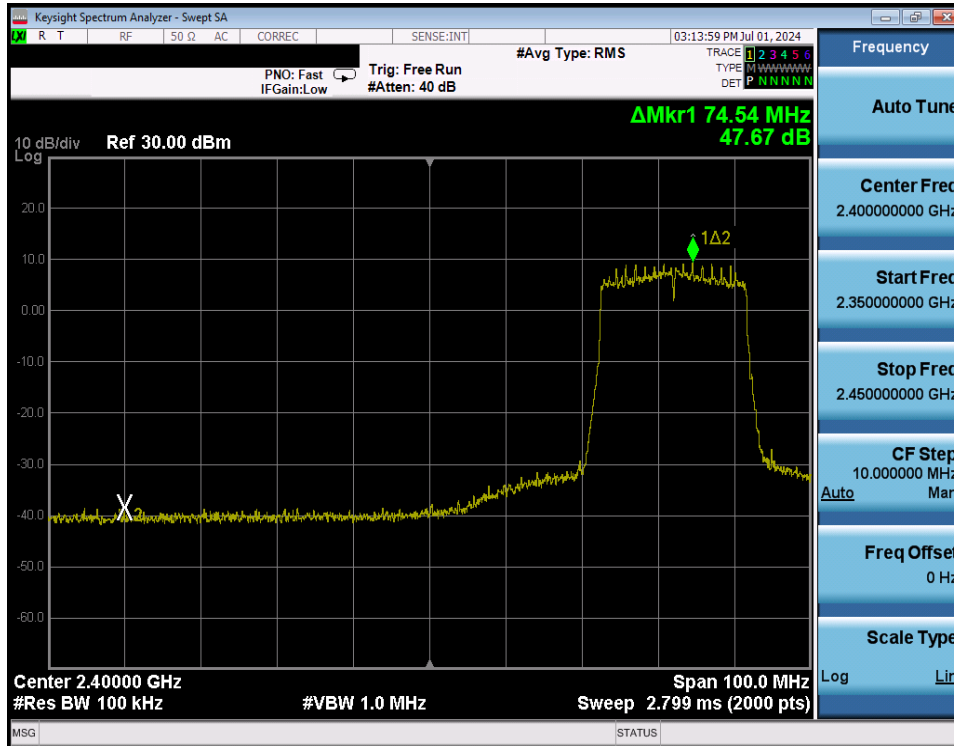


Plot 7-332. Band Edge Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 3) – MCS2

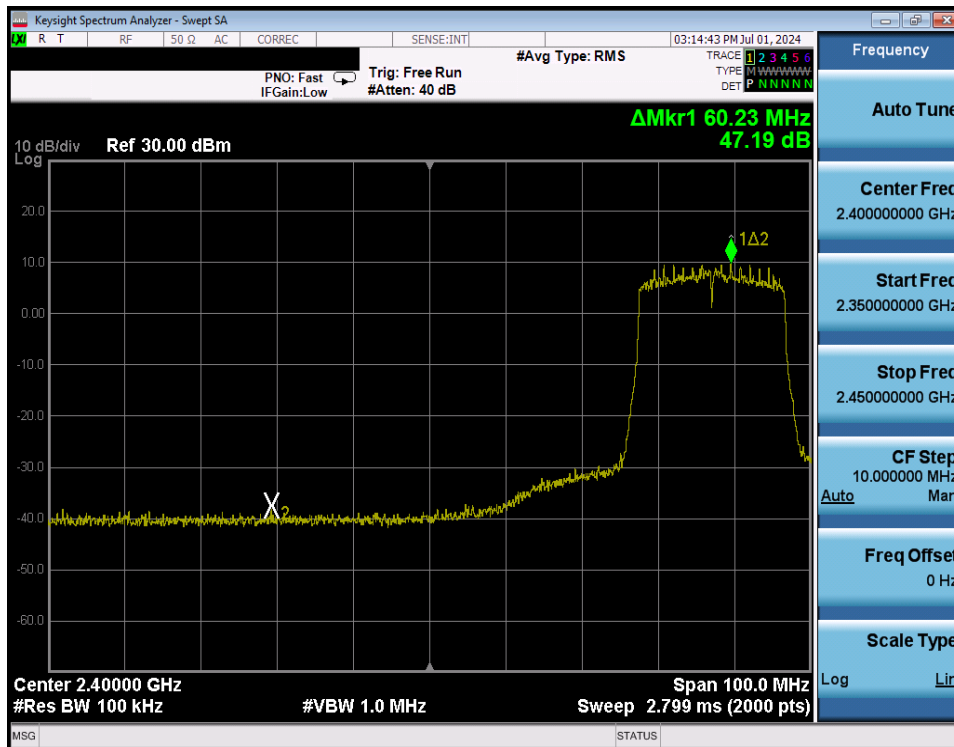


Plot 7-333. Band Edge Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 4) – MCS2

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 212 of 431

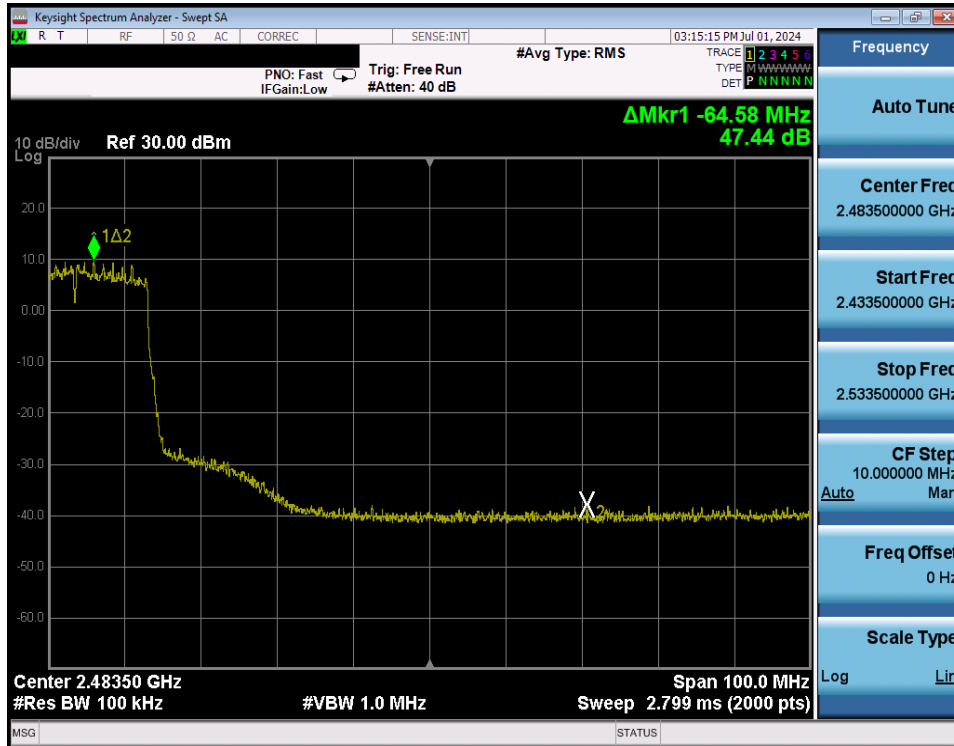


Plot 7-334. Band Edge Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 5) – MCS2

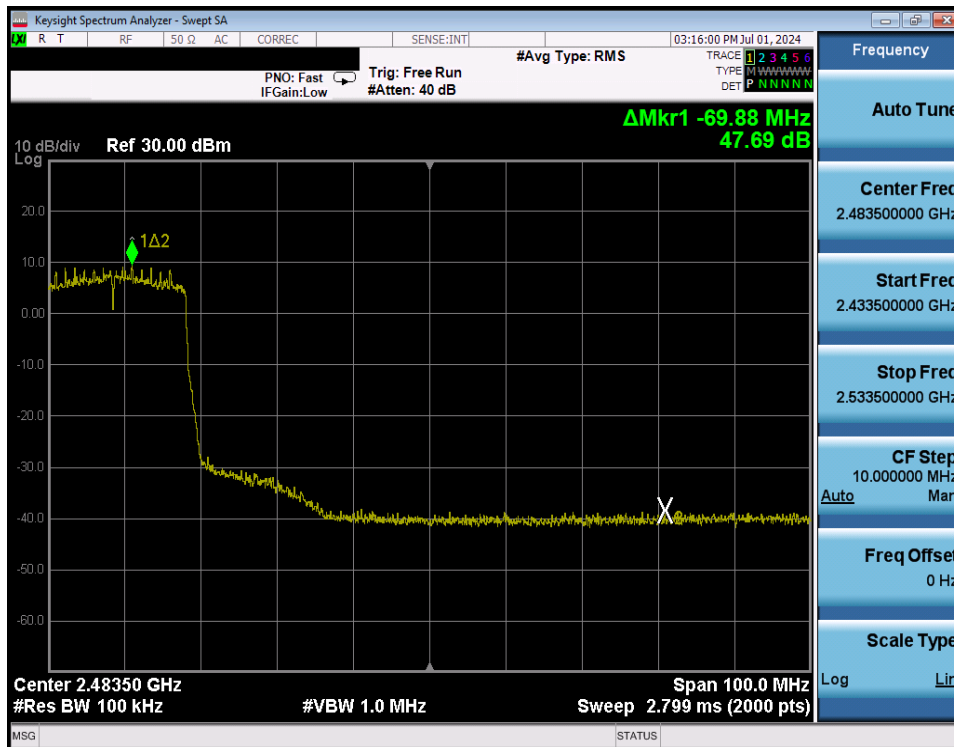


Plot 7-335. Band Edge Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 6 Low) – MCS2

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 213 of 431



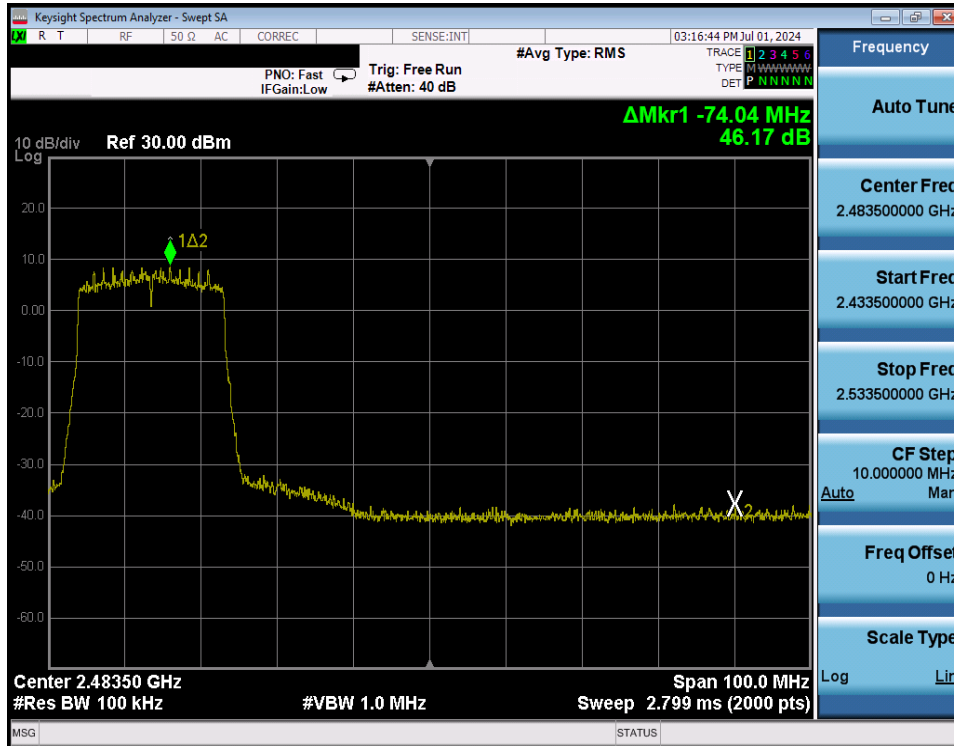
Plot 7-336. Band Edge Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 6 High) – MCS2



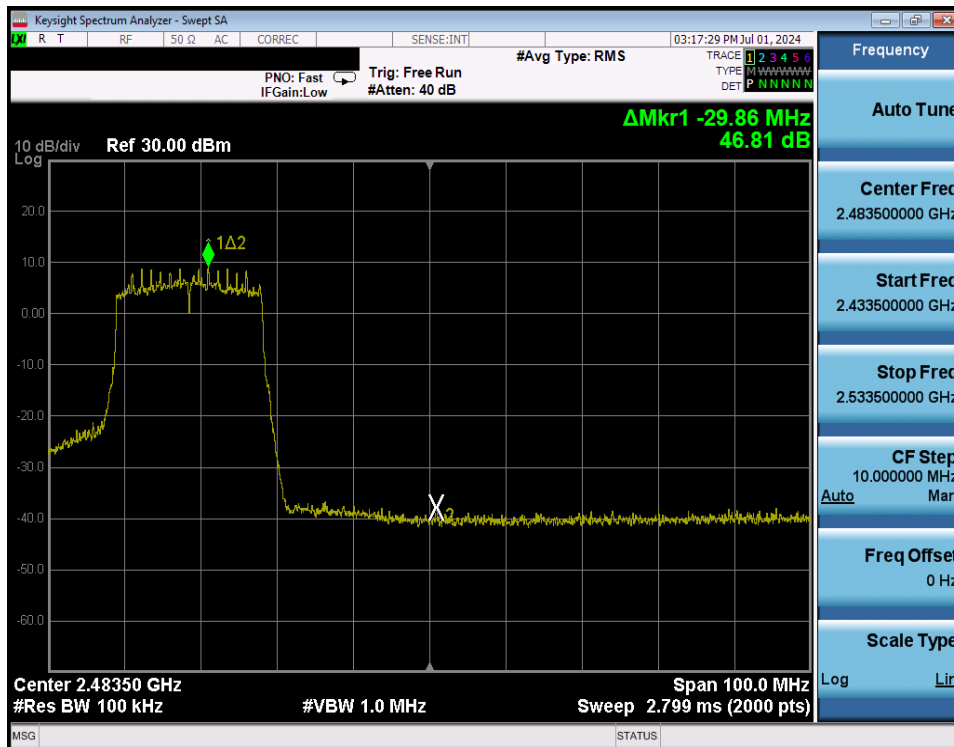
Plot 7-337. Band Edge Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 7) – MCS2

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 214 of 431



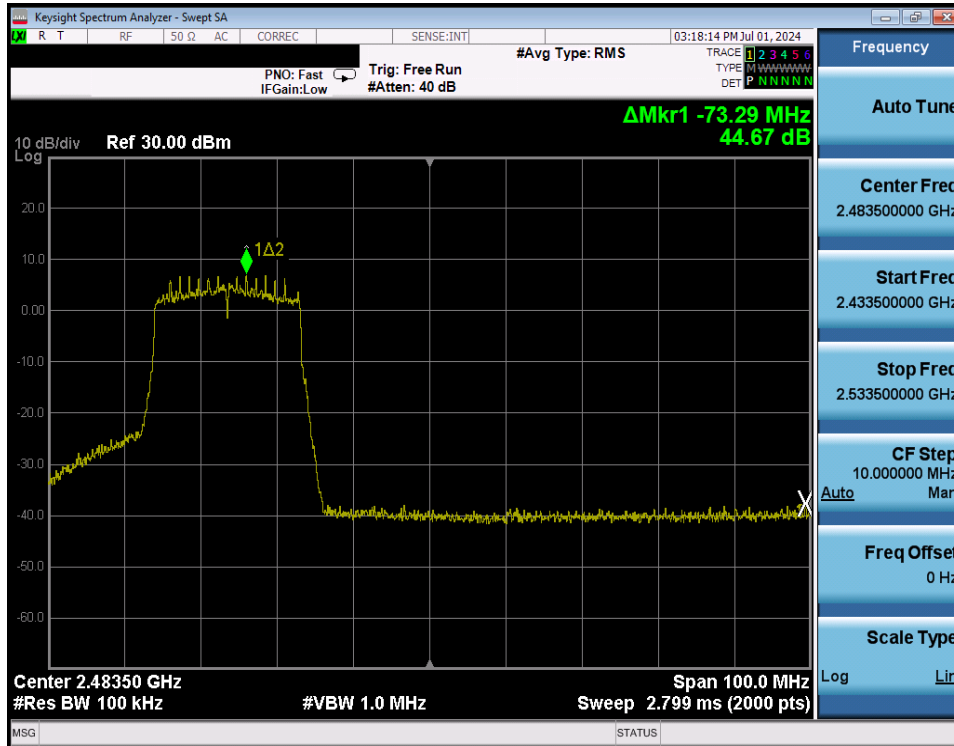


Plot 7-338. Band Edge Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 8) – MCS2

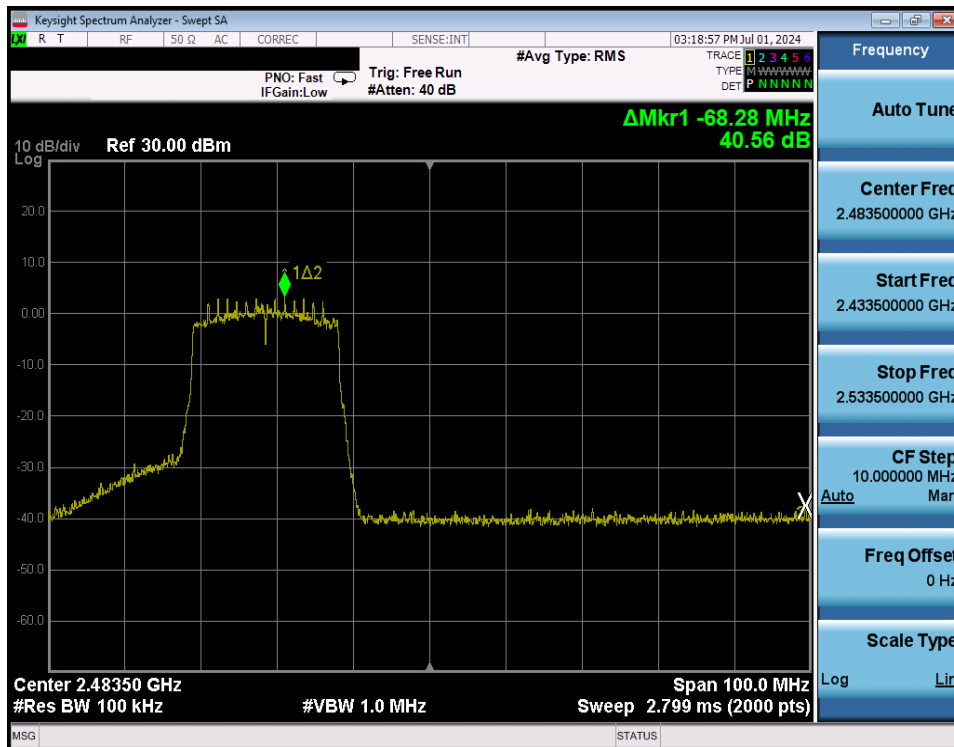


Plot 7-339. Band Edge Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 9) – MCS2

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 215 of 431

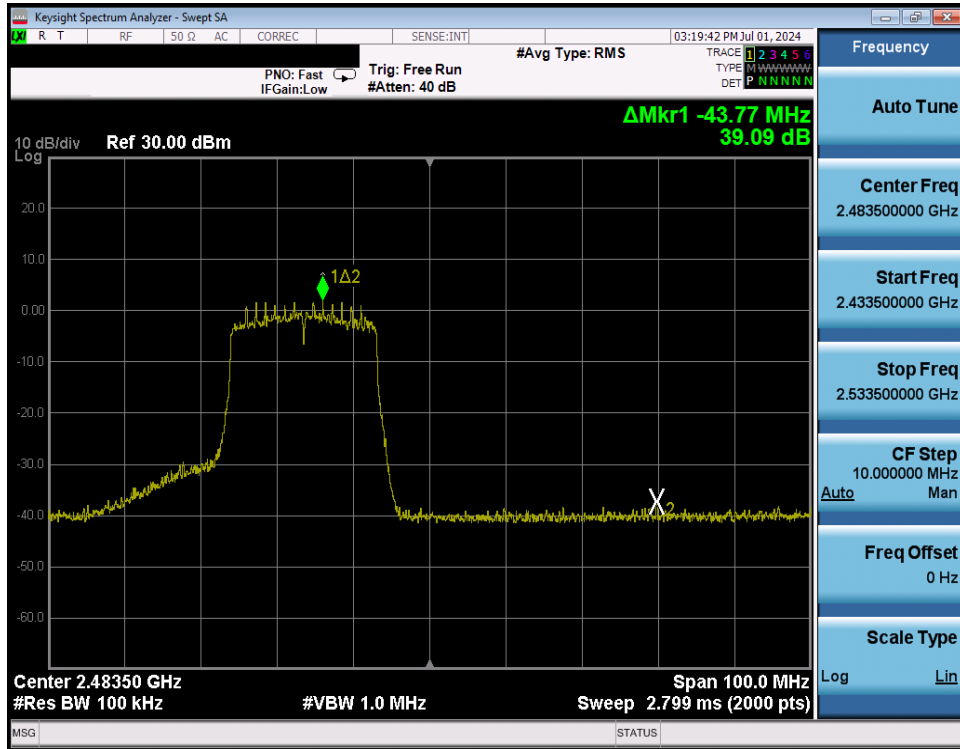


Plot 7-340. Band Edge Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 10) – MCS2



Plot 7-341. Band Edge Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 11) – MCS2

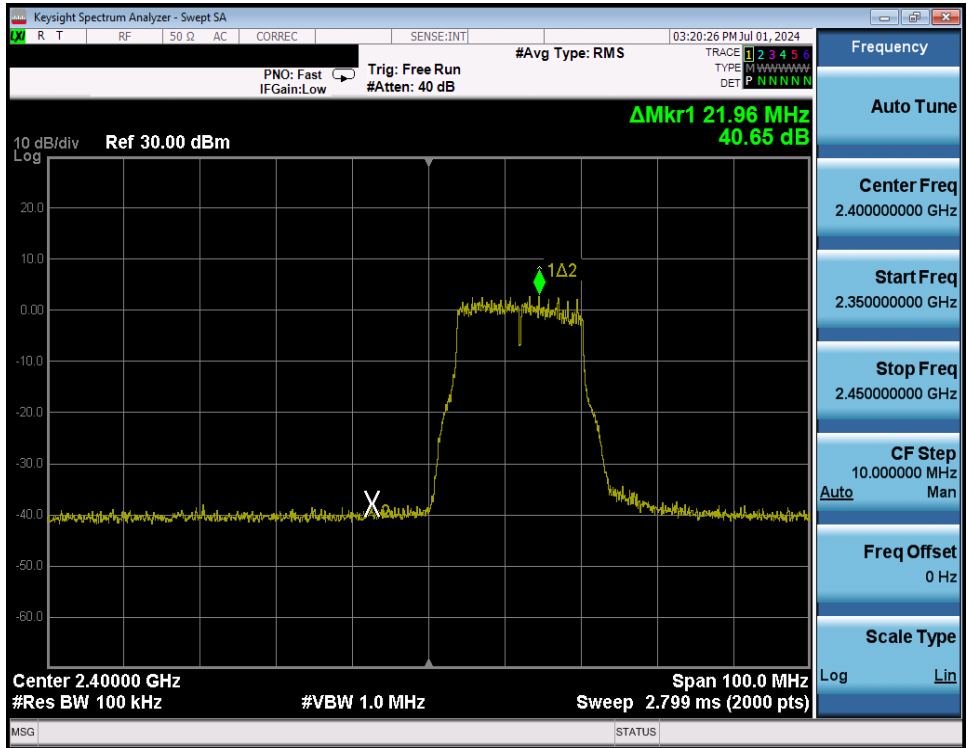
FCC ID: BCGA2993 IC: 579C-A2993		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2405200017-03-R1.BCG	<b>Test Dates:</b> 5/20/2024 - 7/01/2024	<b>EUT Type:</b> Tablet Device	Page 216 of 431



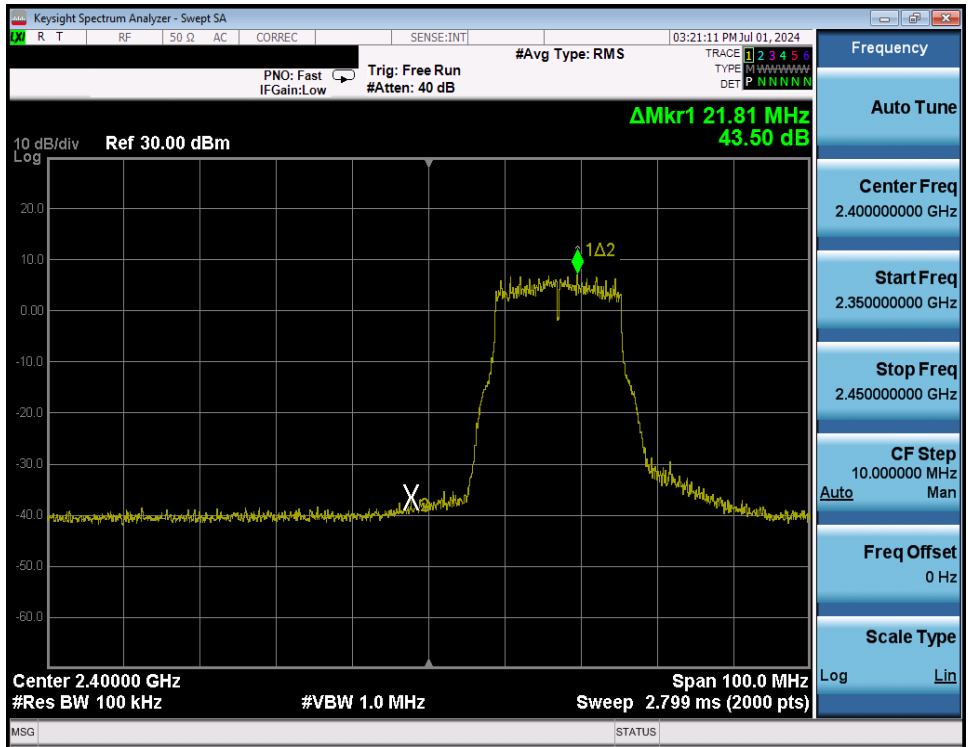
Plot 7-342. Band Edge Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 12) – MCS2

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 217 of 431

Mid Rate

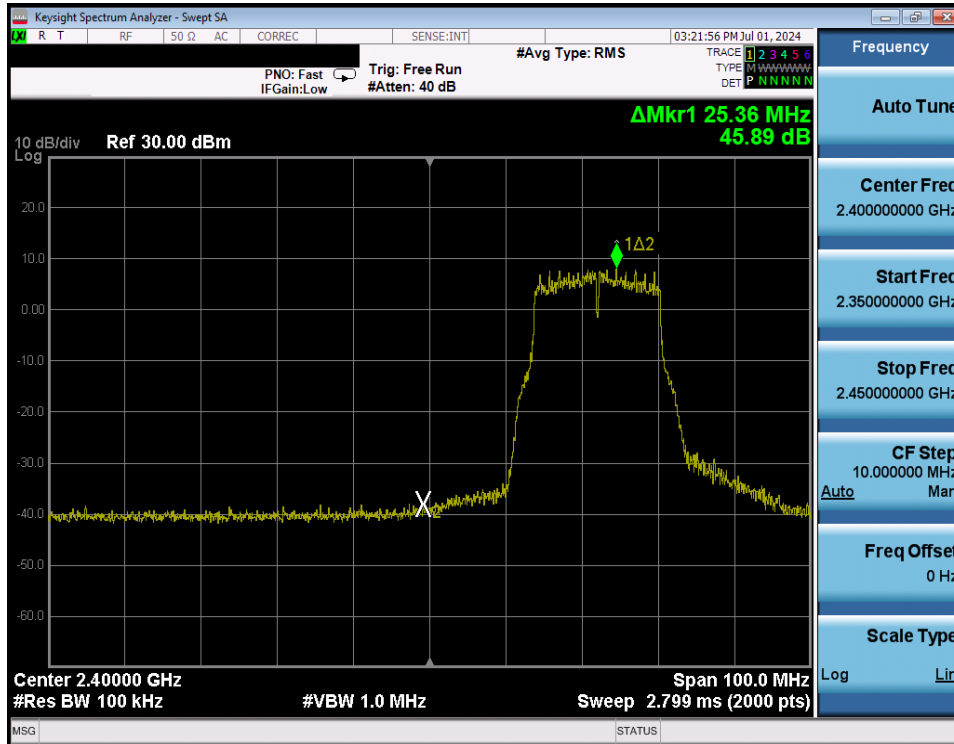


Plot 7-343. Band Edge Plot Antenna WF7 (802.11g – Ch. 1) – 24Mbps

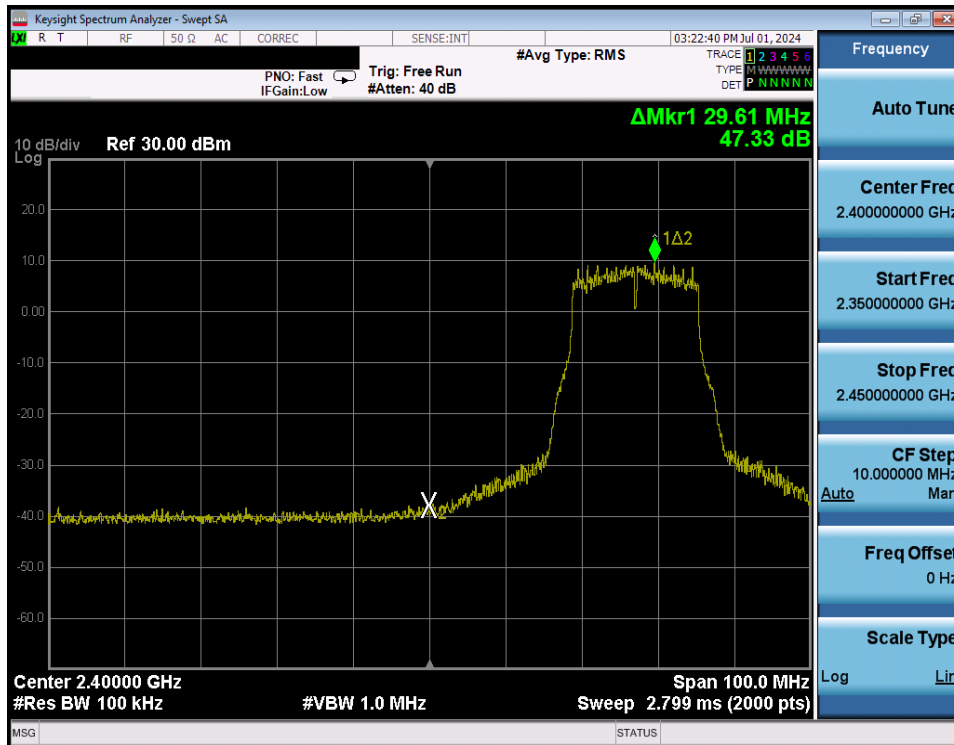


Plot 7-344. Band Edge Plot Antenna WF7 (802.11g – Ch. 2) – 24Mbps

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 218 of 431

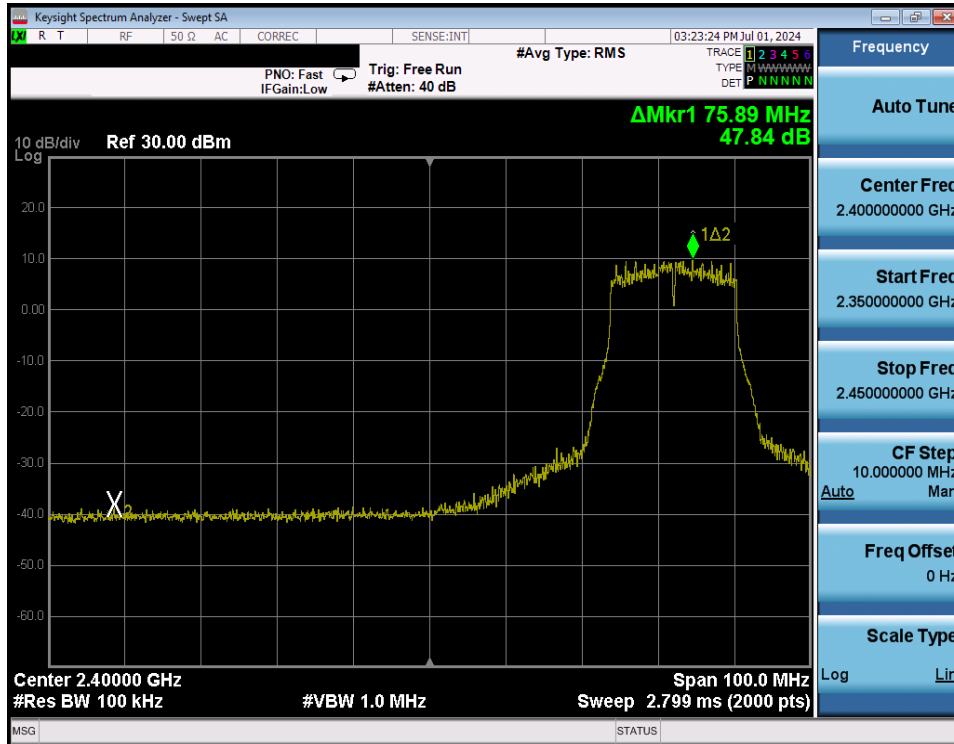


Plot 7-345. Band Edge Plot Antenna WF7 (802.11g – Ch. 3) – 24Mbps

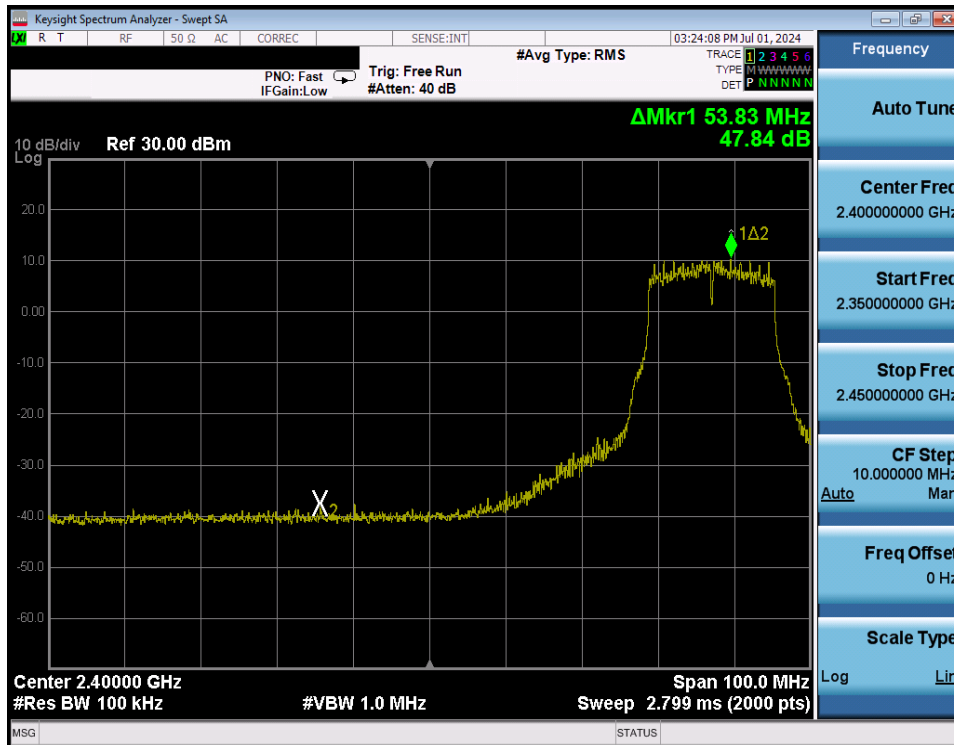


Plot 7-346. Band Edge Plot Antenna WF7 (802.11g – Ch. 4) – 24Mbps

FCC ID: BCGA2993 IC: 579C-A2993		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2405200017-03-R1.BCG	<b>Test Dates:</b> 5/20/2024 - 7/01/2024	<b>EUT Type:</b> Tablet Device	Page 219 of 431

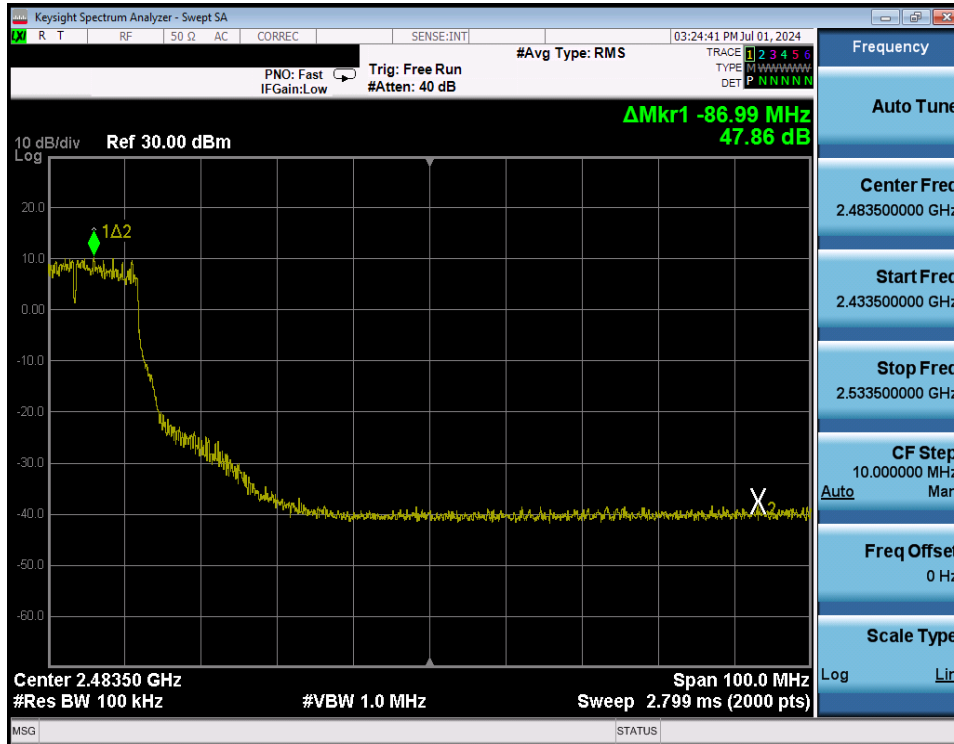


Plot 7-347. Band Edge Plot Antenna WF7 (802.11g – Ch. 5) – 24Mbps

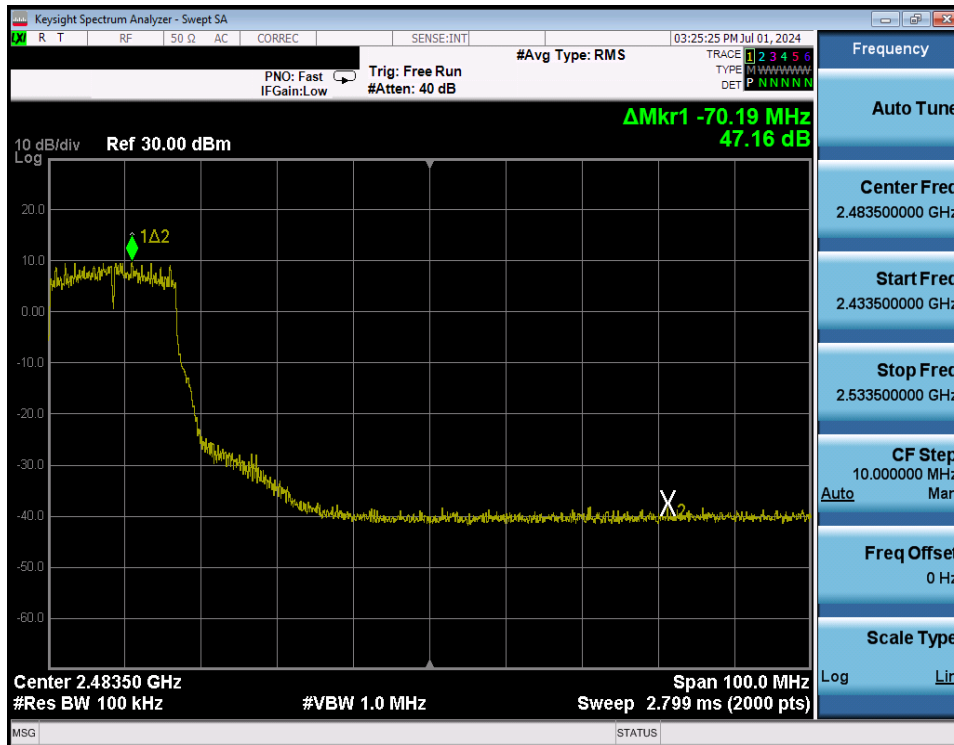


Plot 7-348. Band Edge Plot Antenna WF7 (802.11g – Ch. 6 Low) – 24Mbps

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 220 of 431

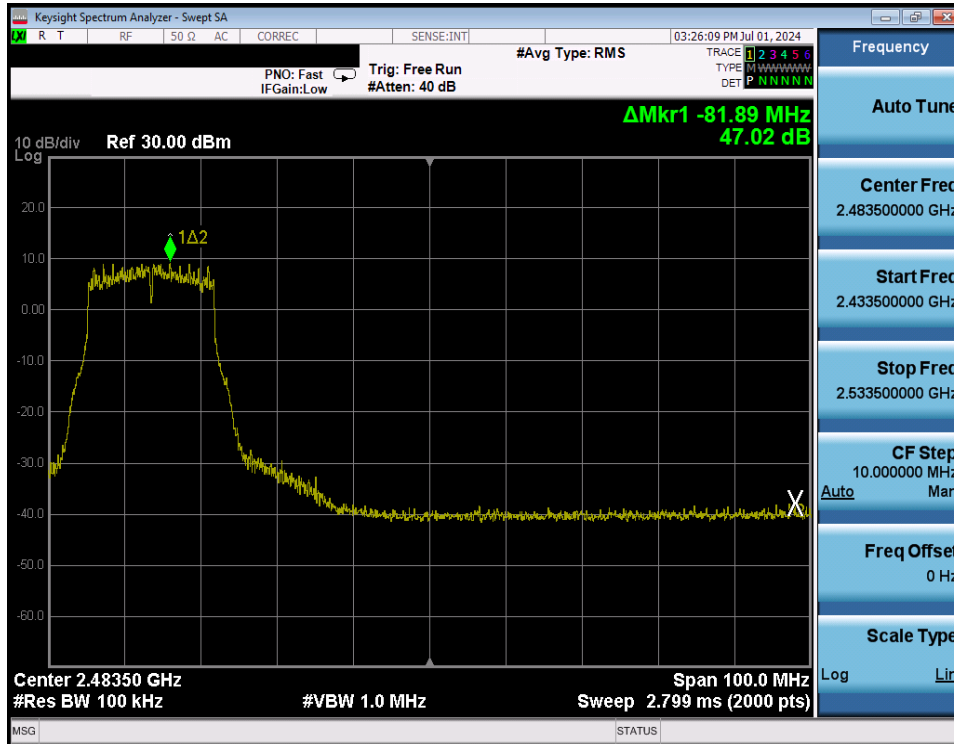


Plot 7-349. Band Edge Plot Antenna WF7 (802.11g – Ch. 6 High) – 24Mbps

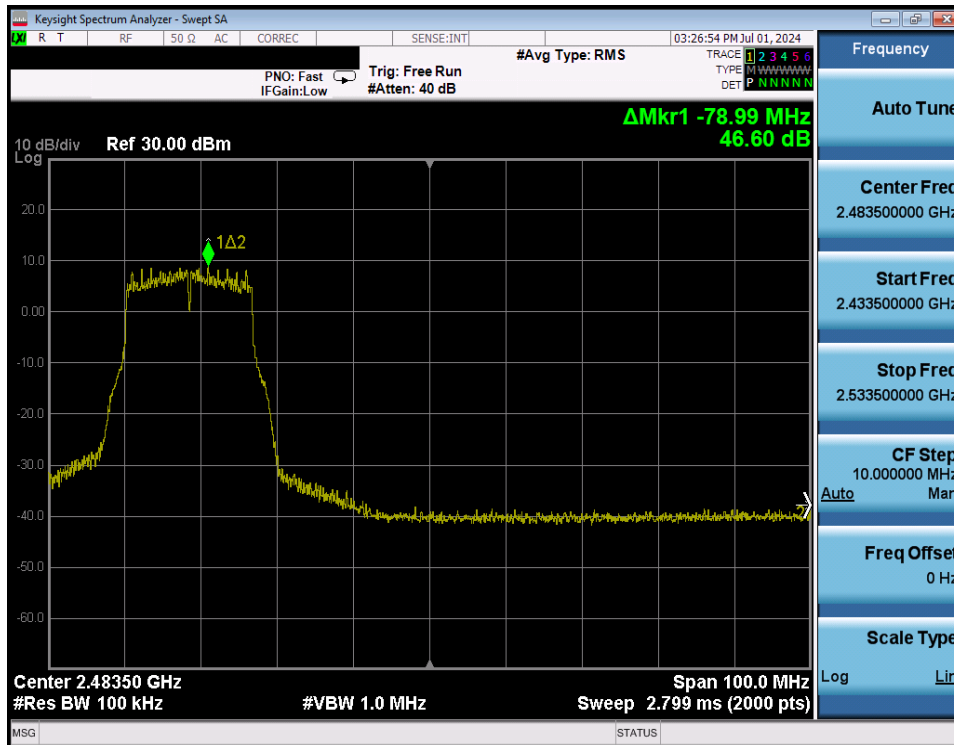


Plot 7-350. Band Edge Plot Antenna WF7 (802.11g – Ch. 7) – 24Mbps

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 221 of 431



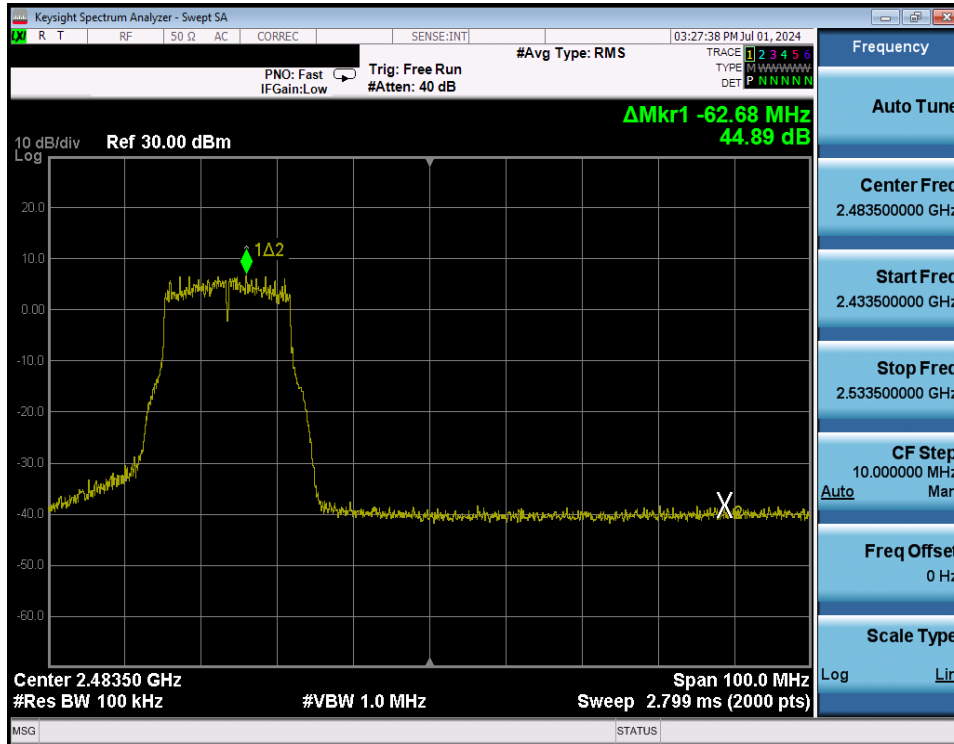
Plot 7-351. Band Edge Plot Antenna WF7 (802.11g – Ch. 8) – 24Mbps



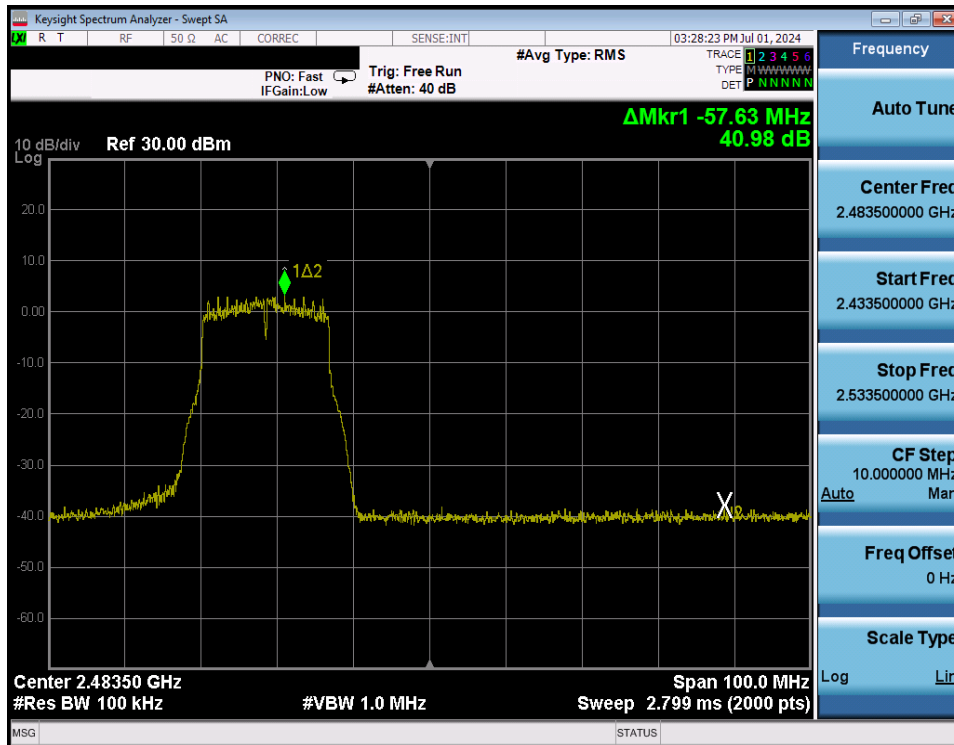
Plot 7-352. Band Edge Plot Antenna WF7 (802.11g – Ch. 9) – 24Mbps

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 222 of 431



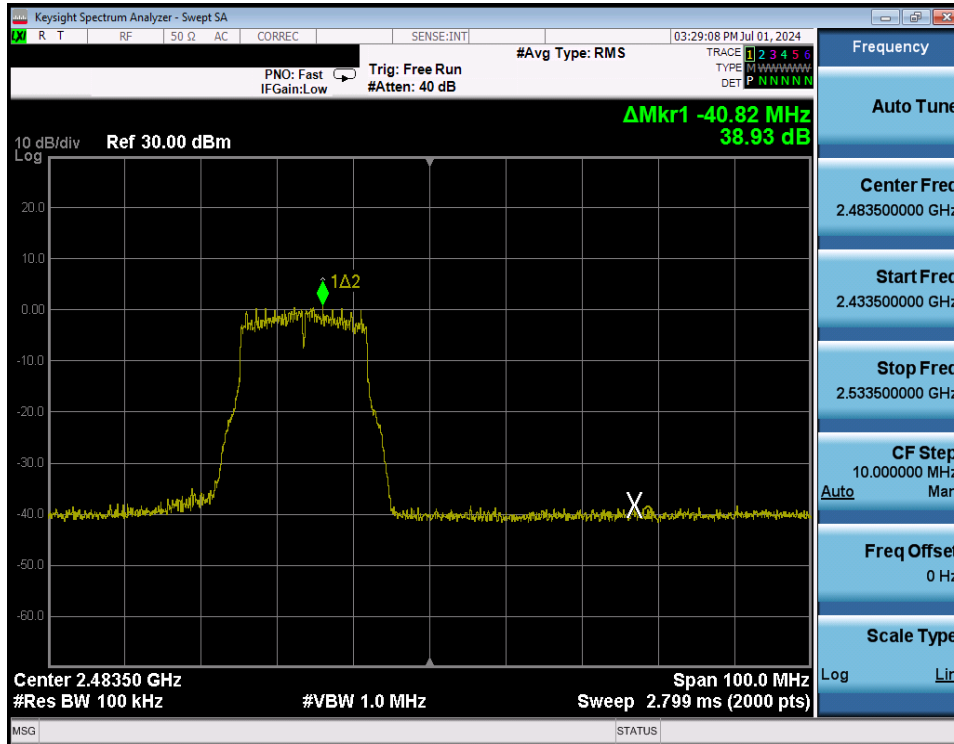


Plot 7-353. Band Edge Plot Antenna WF7 (802.11g – Ch. 10) – 24Mbps

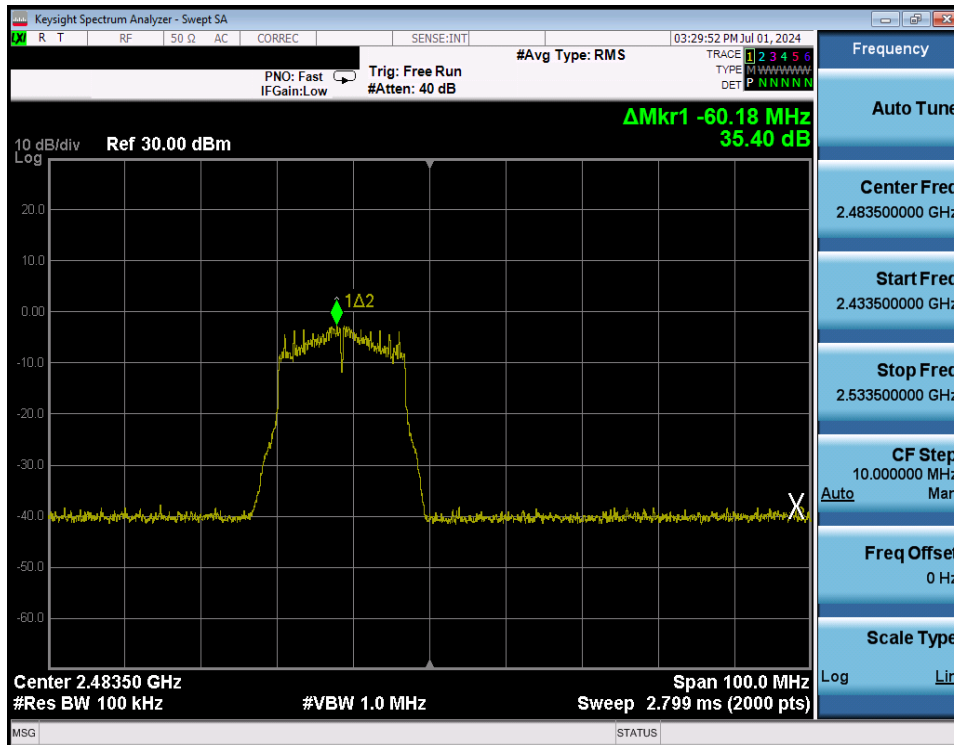


Plot 7-354. Band Edge Plot Antenna WF7 (802.11g – Ch. 11) – 24Mbps

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 223 of 431

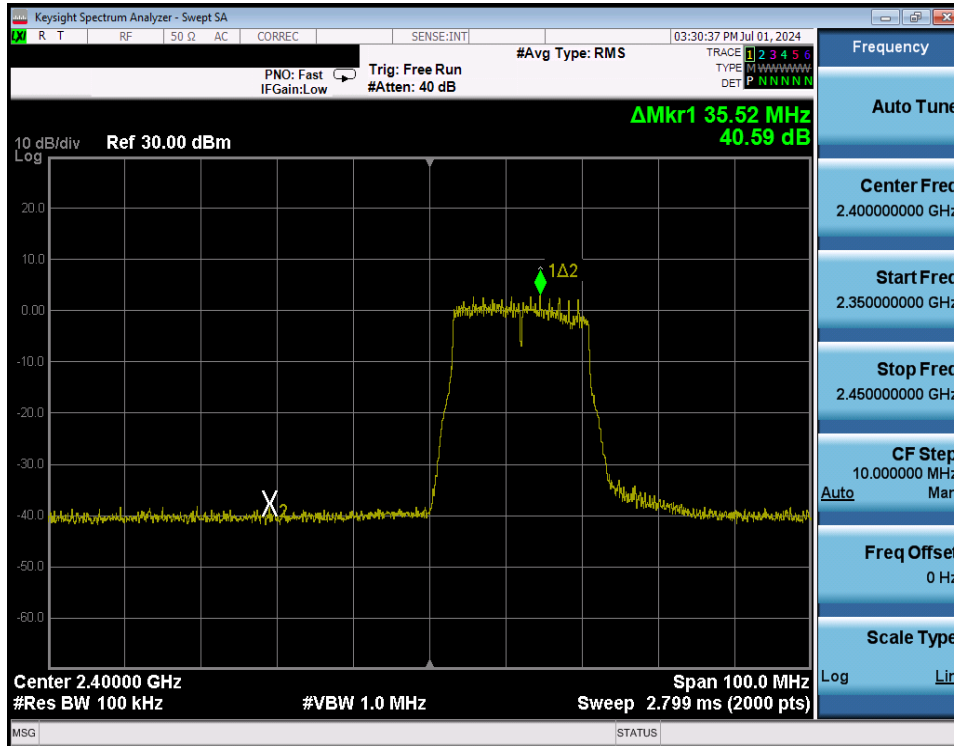


Plot 7-355. Band Edge Plot Antenna WF7 (802.11g – Ch. 12) – 24Mbps

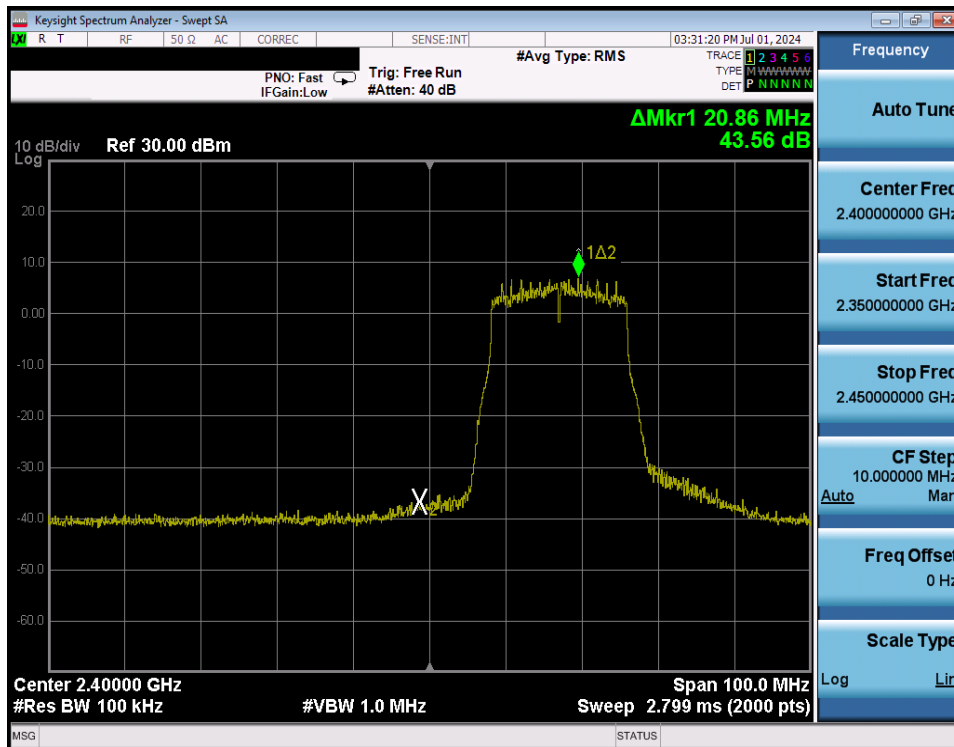


Plot 7-356. Band Edge Plot Antenna WF7 (802.11g – Ch. 13) – 24Mbps

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 224 of 431

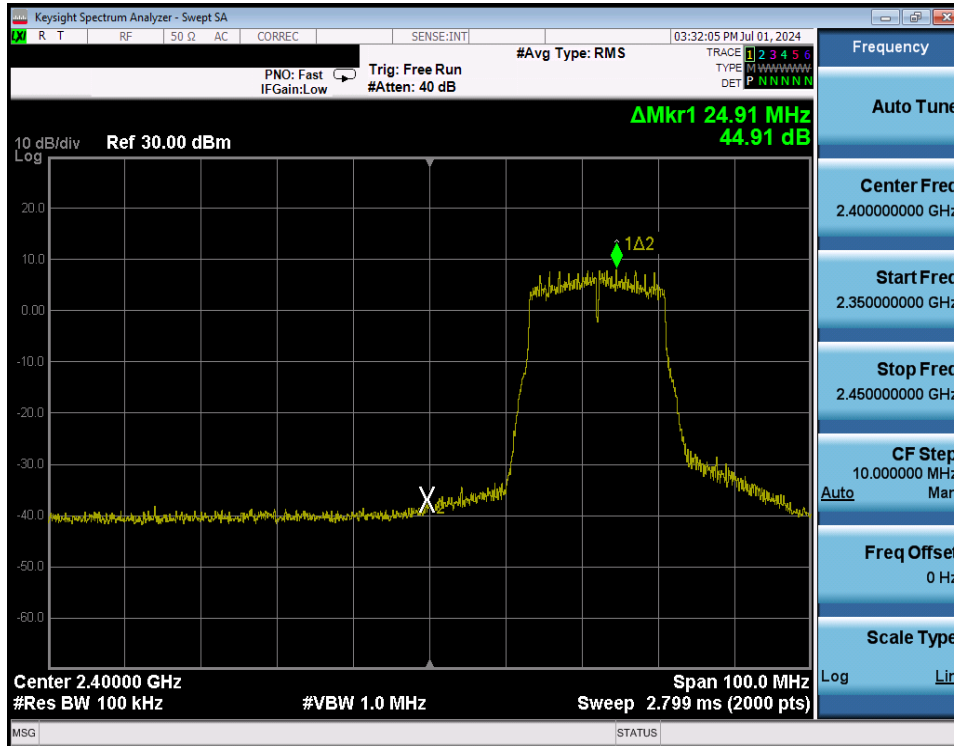


Plot 7-357. Band Edge Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 1) – MCS4

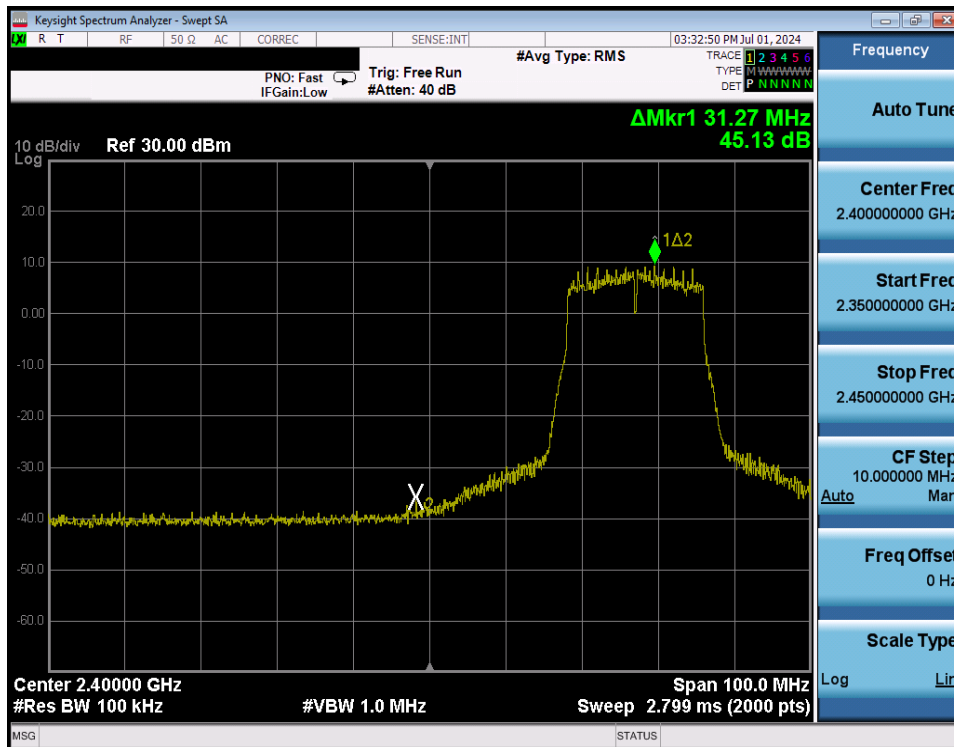


Plot 7-358. Band Edge Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 2) – MCS4

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 225 of 431

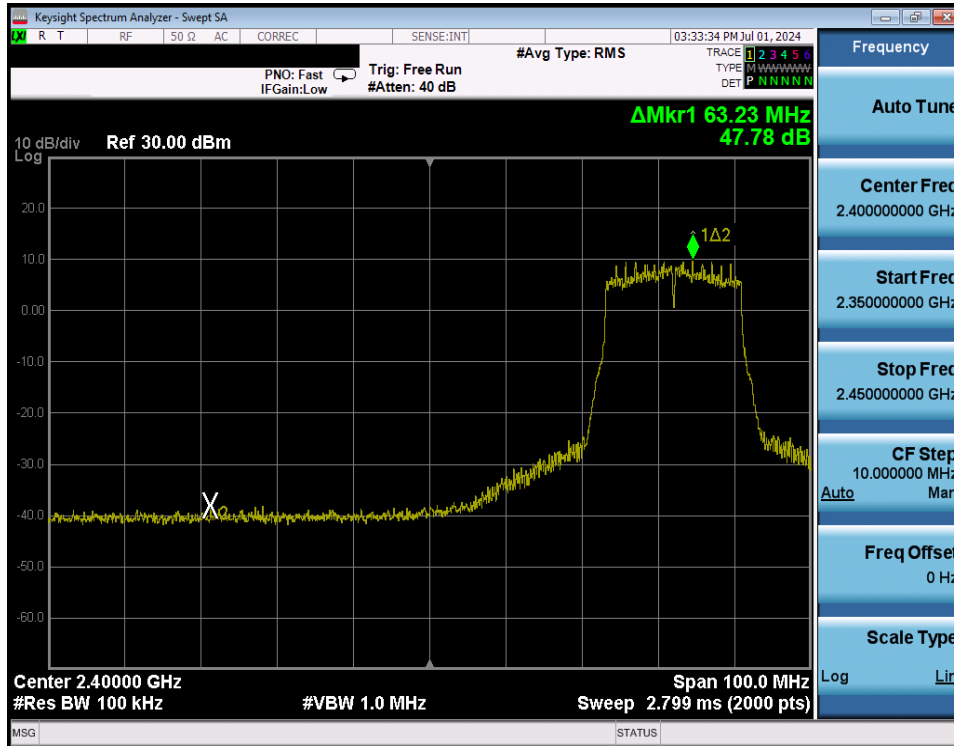


Plot 7-359. Band Edge Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 3) – MCS4

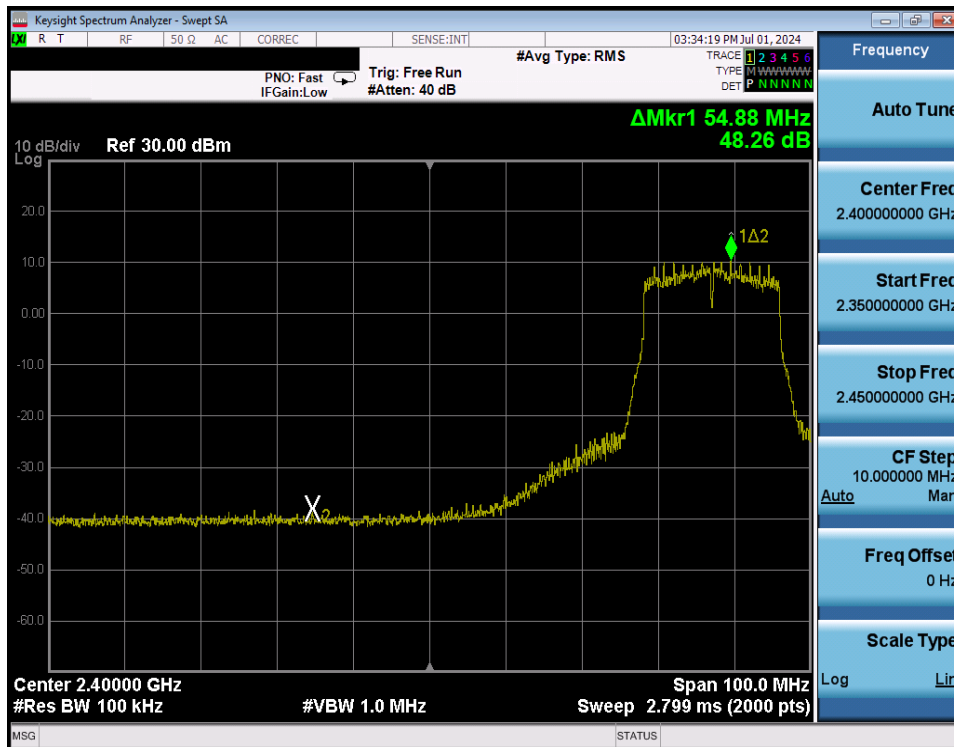


Plot 7-360. Band Edge Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 4) – MCS4

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 226 of 431

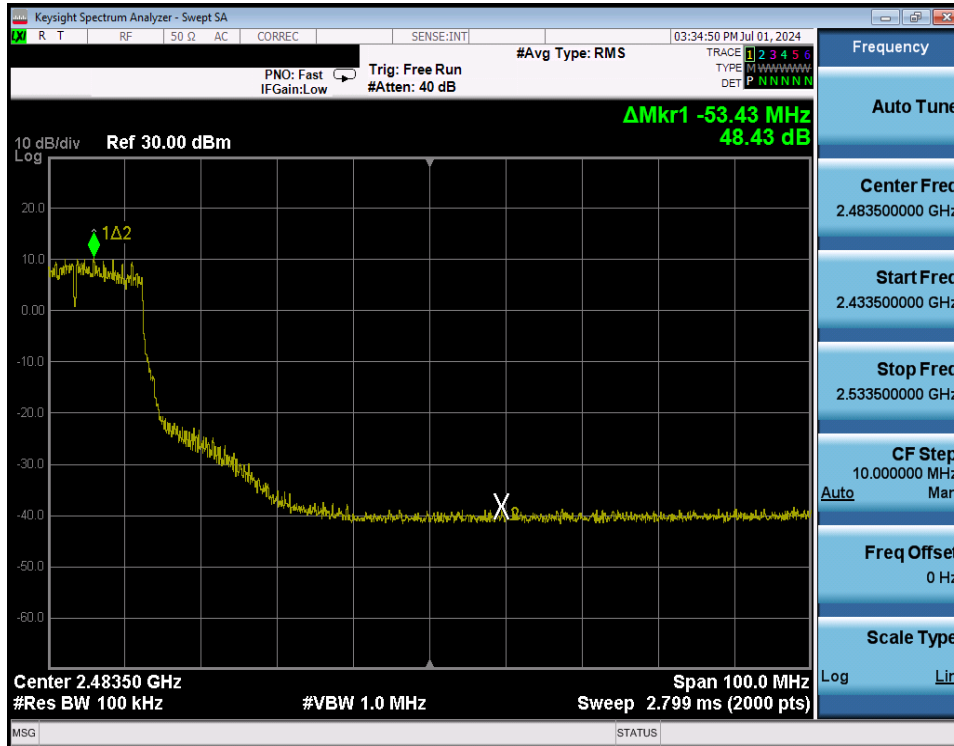


Plot 7-361. Band Edge Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 5) – MCS4

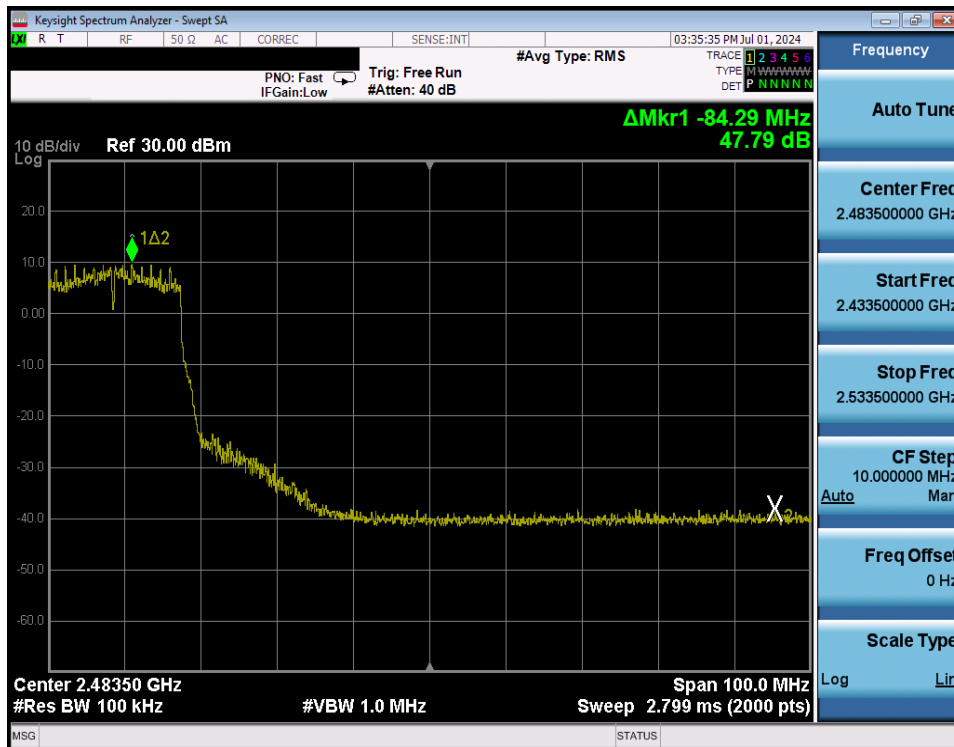


Plot 7-362. Band Edge Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 6 Low) – MCS4

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 227 of 431

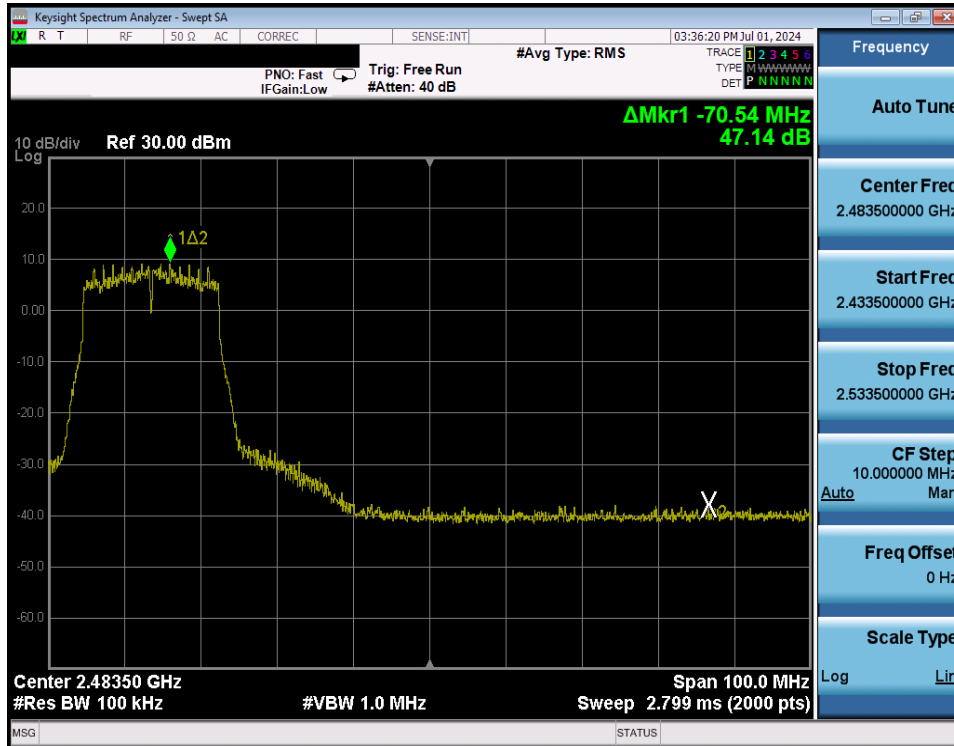


Plot 7-363. Band Edge Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 6 High) – MCS4

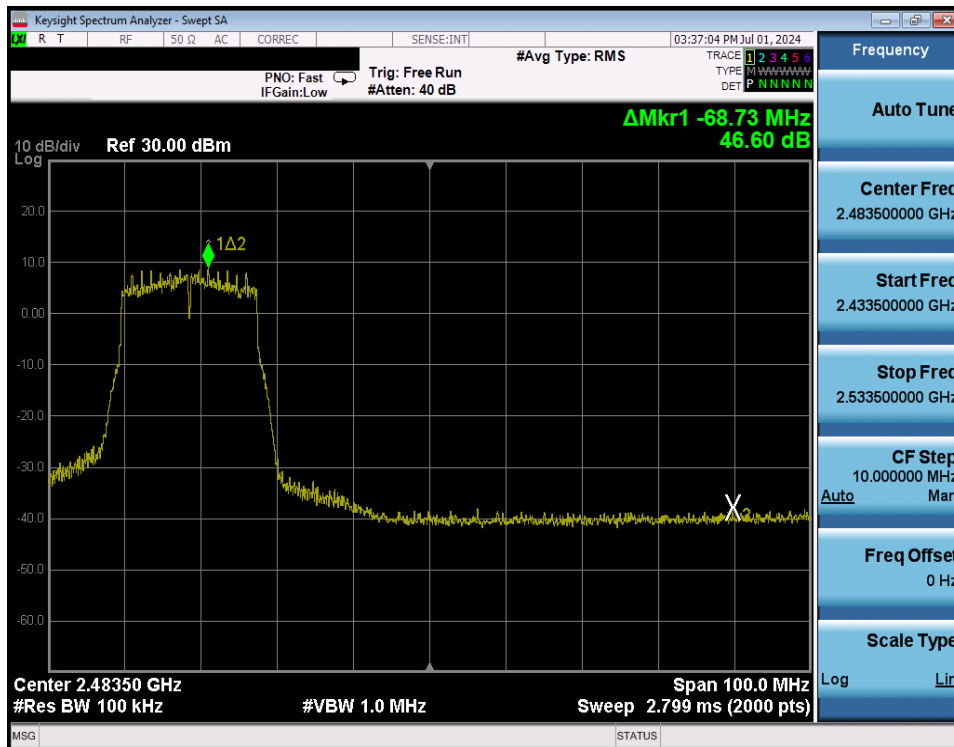


Plot 7-364. Band Edge Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 7) – MCS4

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 228 of 431

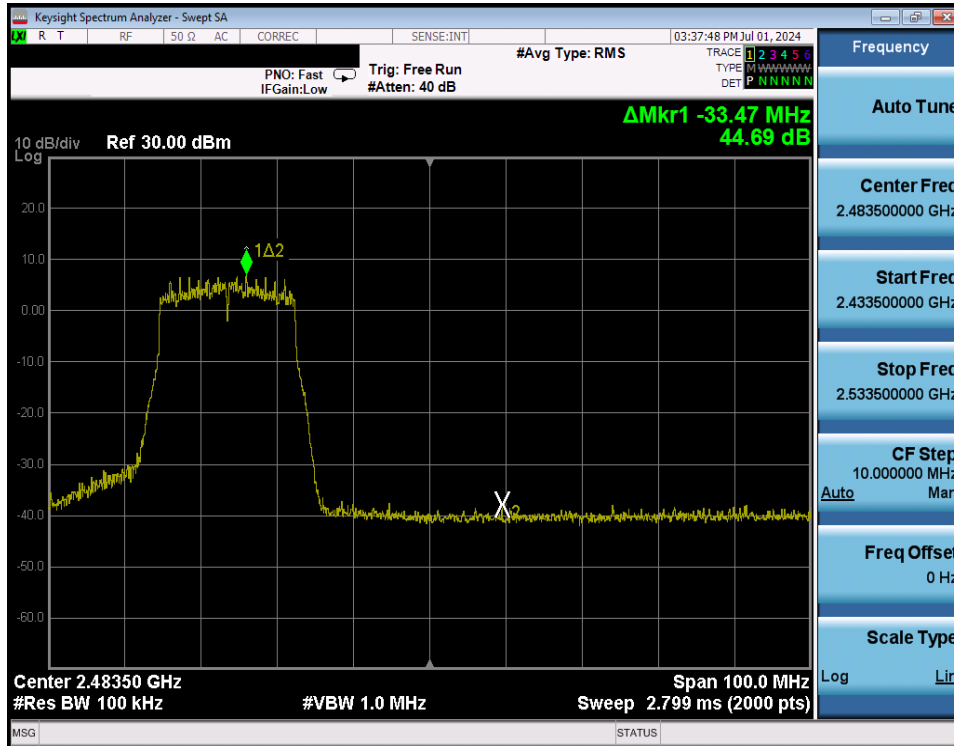


Plot 7-365. Band Edge Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 8) – MCS4

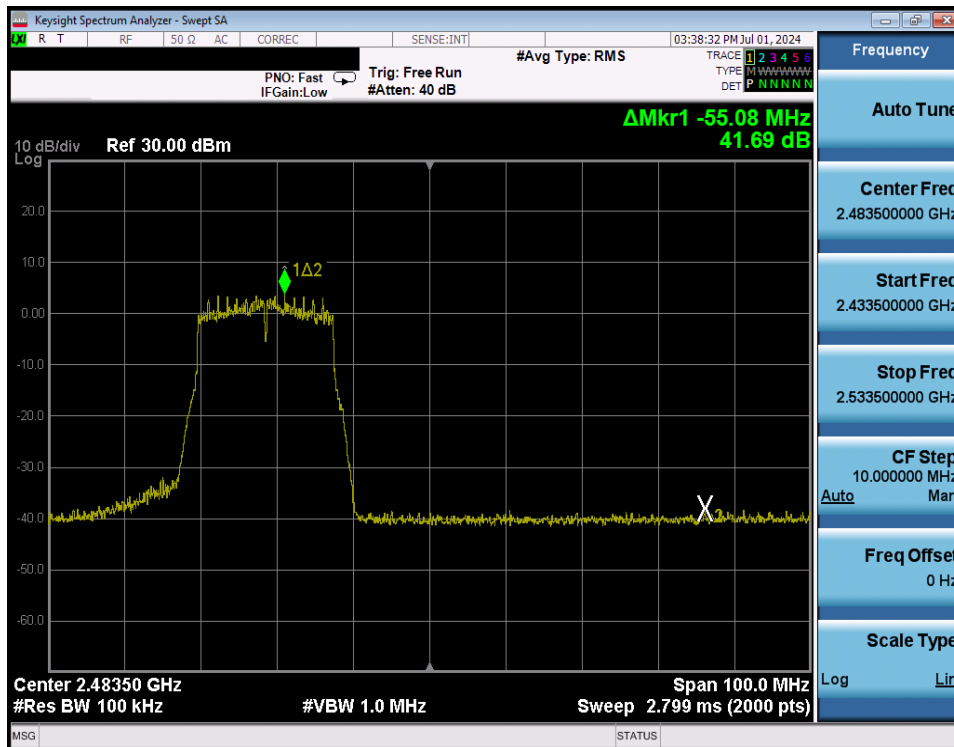


Plot 7-366. Band Edge Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 9) – MCS4

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 229 of 431



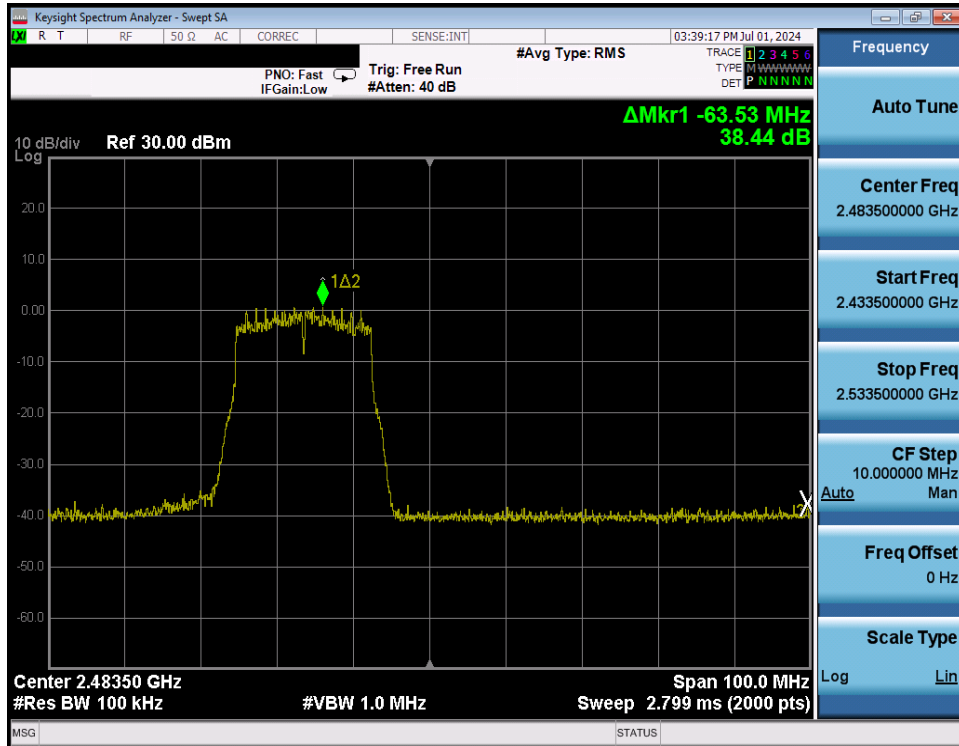
Plot 7-367. Band Edge Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 10) – MCS4



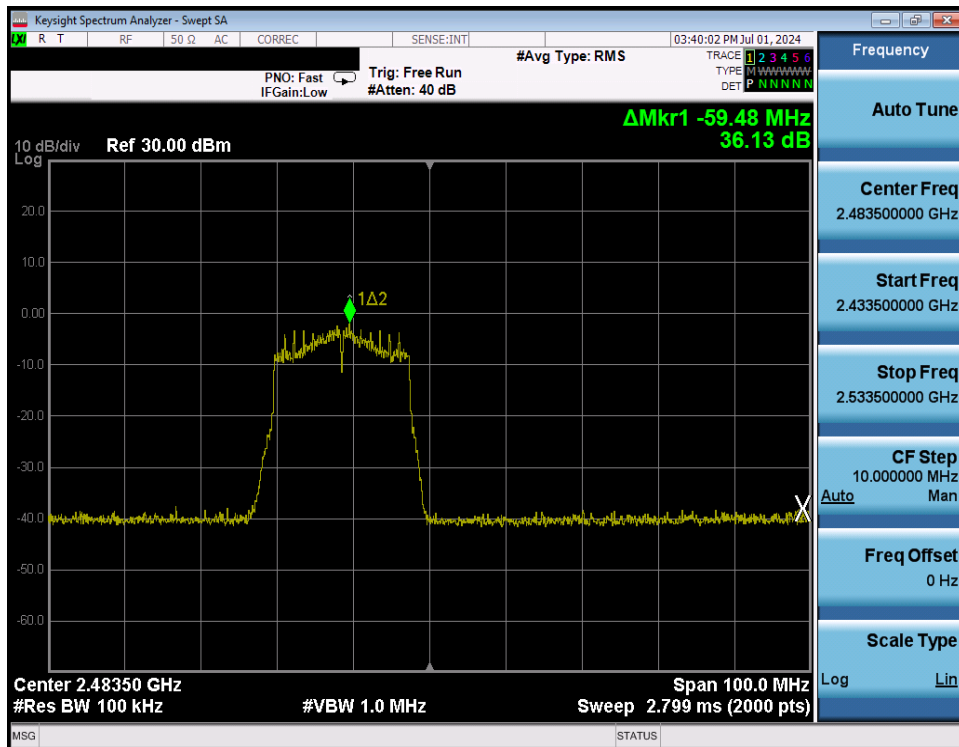
Plot 7-368. Band Edge Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 11) – MCS4

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 230 of 431



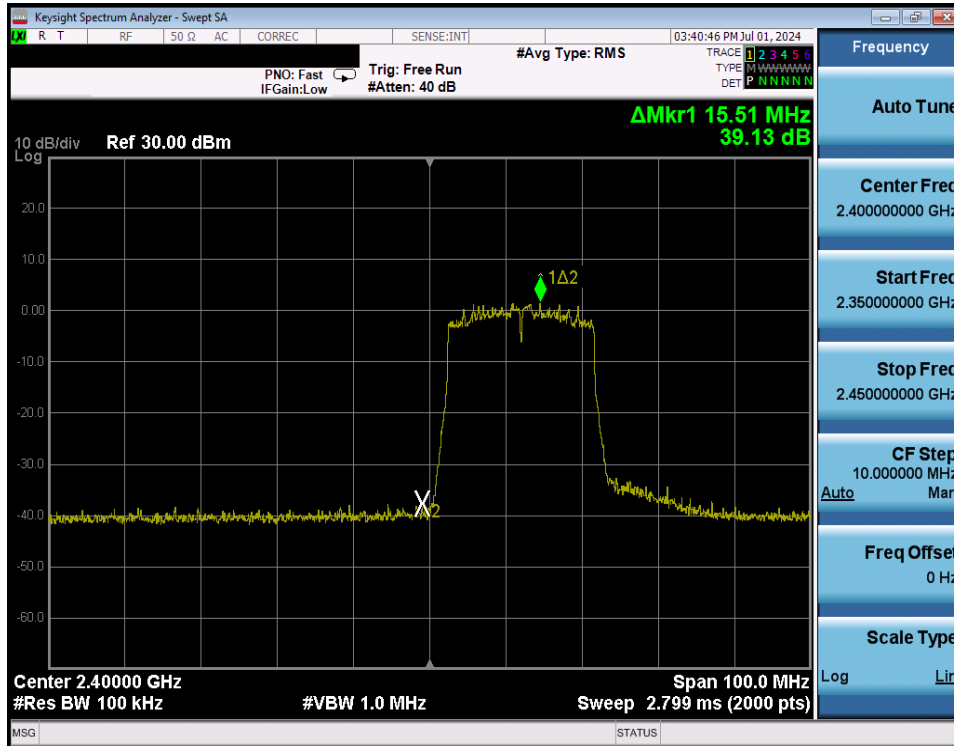


Plot 7-369. Band Edge Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 12) – MCS4

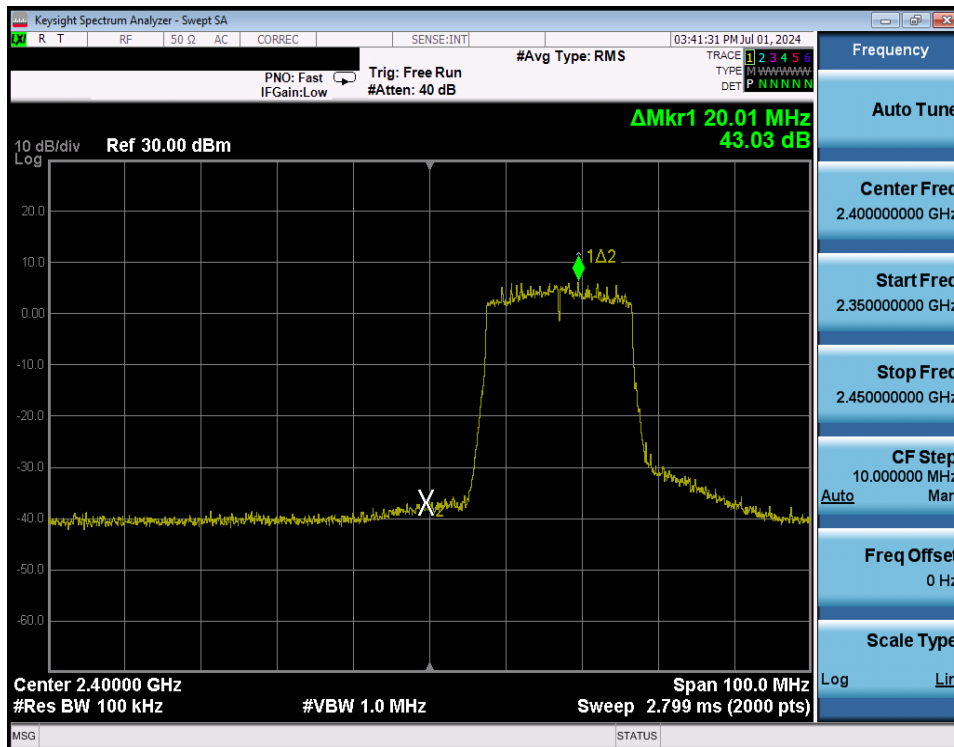


Plot 7-370. Band Edge Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 13) – MCS4

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 231 of 431

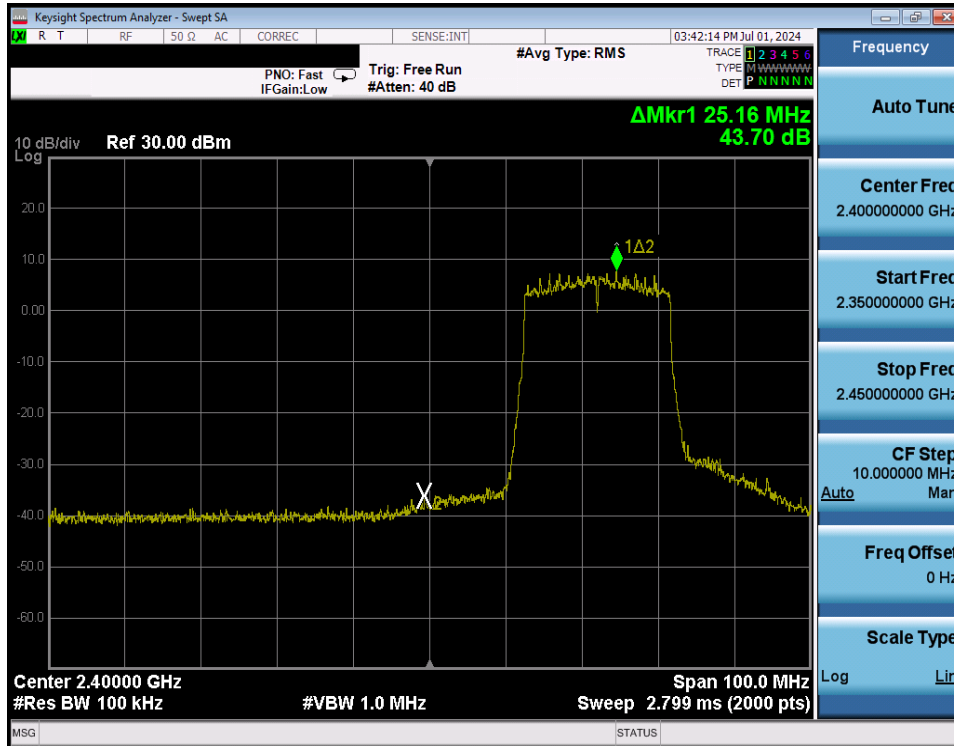


Plot 7-371. Band Edge Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 1) – MCS4

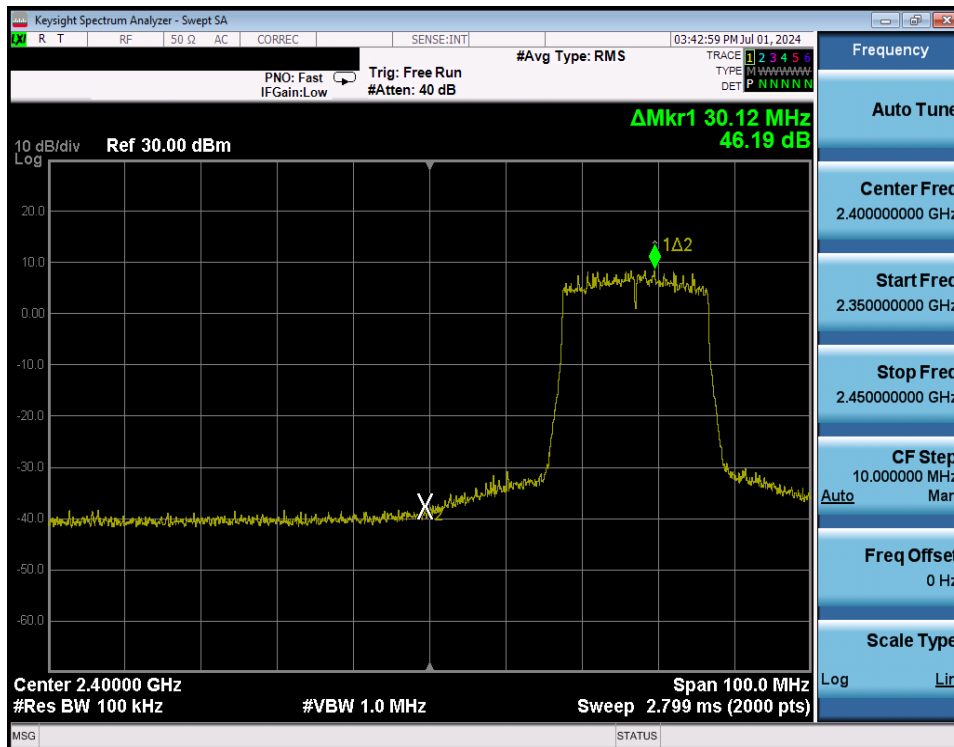


Plot 7-372. Band Edge Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 2) – MCS4

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 232 of 431

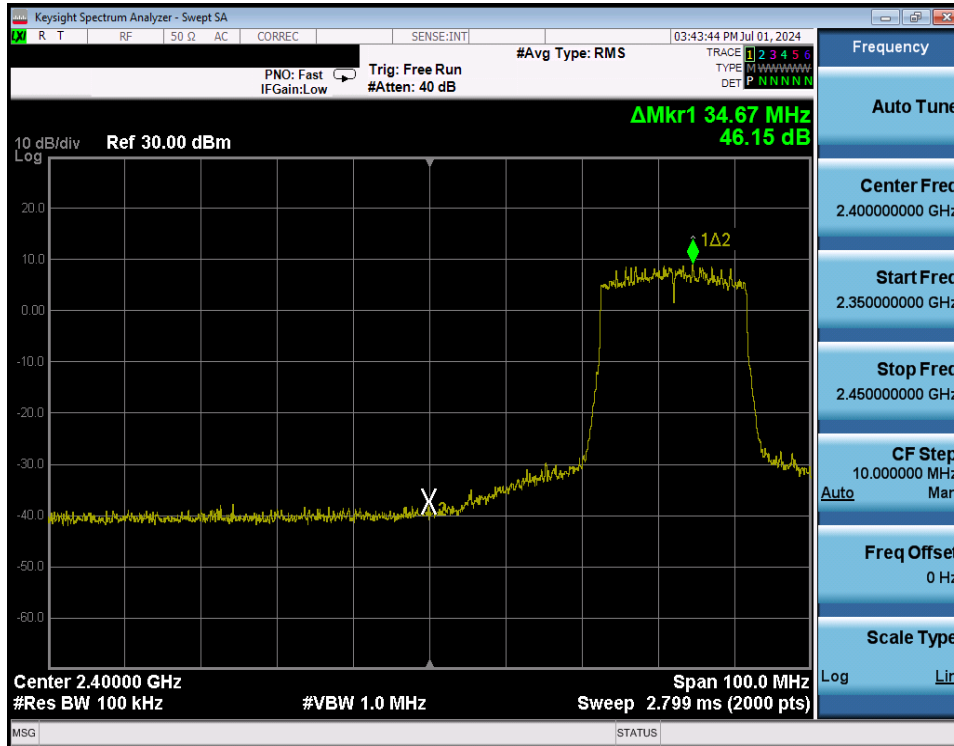


Plot 7-373. Band Edge Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 3) – MCS4

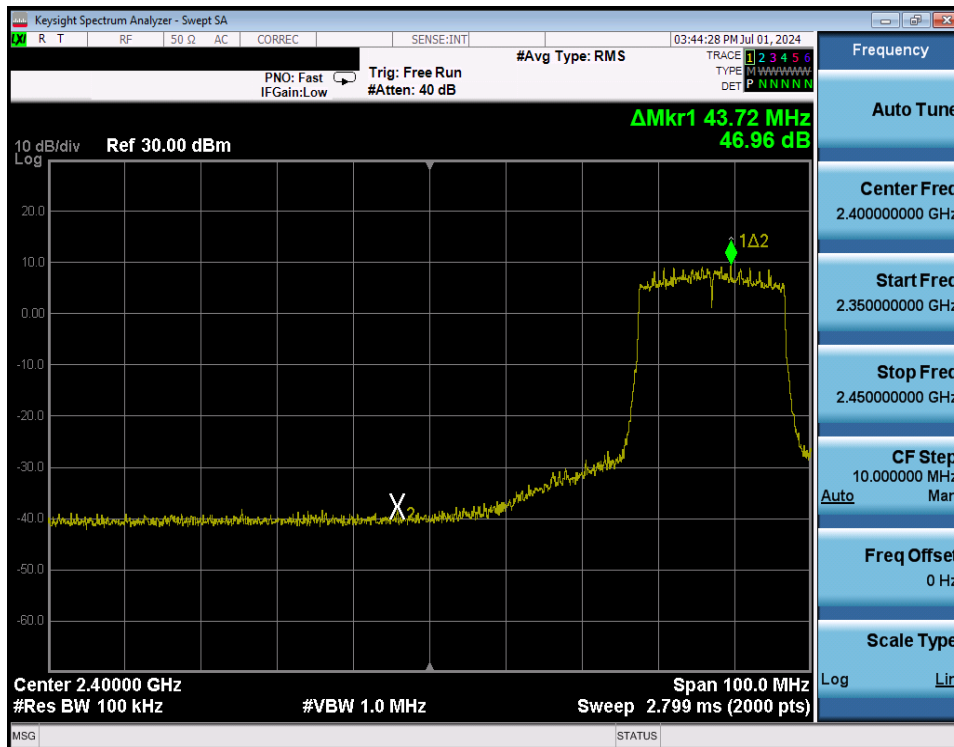


Plot 7-374. Band Edge Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 4) – MCS4

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 233 of 431

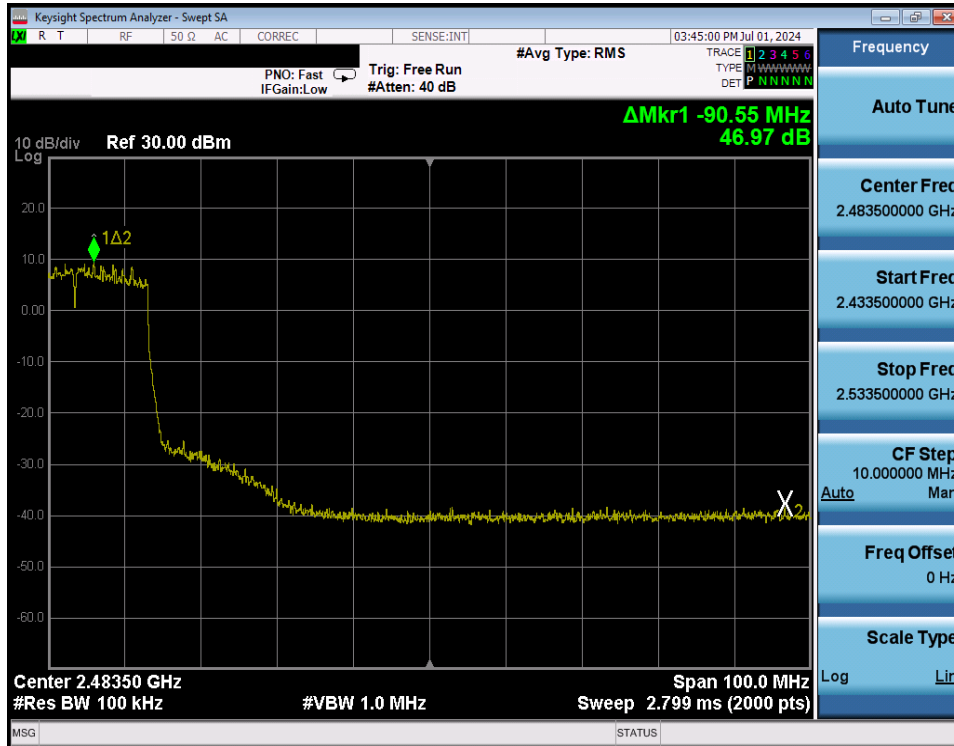


Plot 7-375. Band Edge Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 5) – MCS4

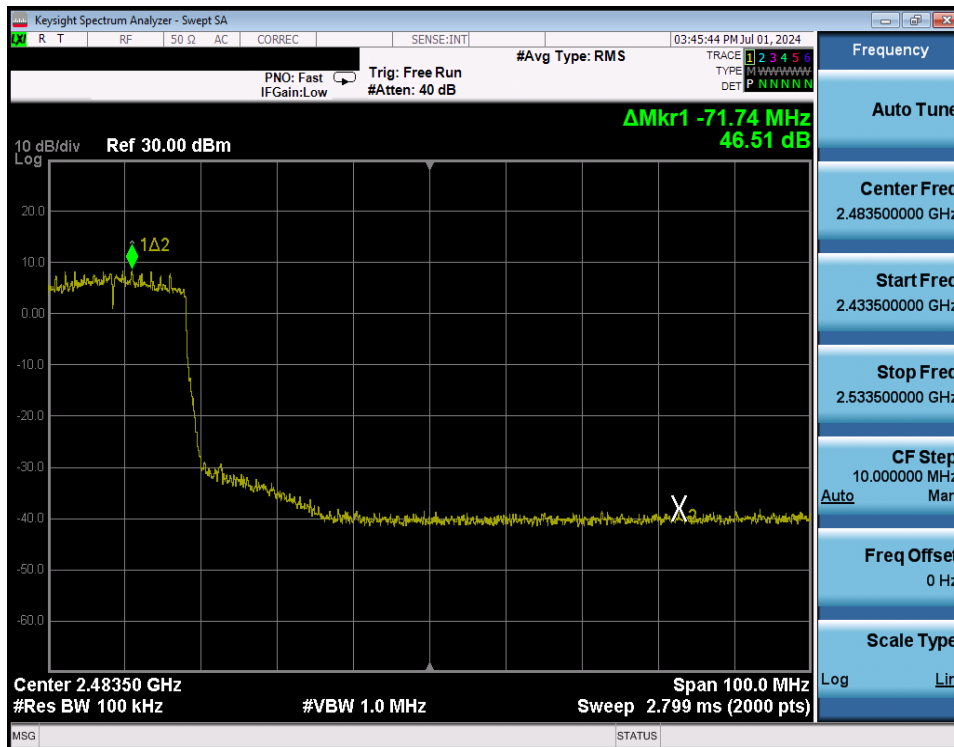


Plot 7-376. Band Edge Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 6 Low) – MCS4

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 234 of 431

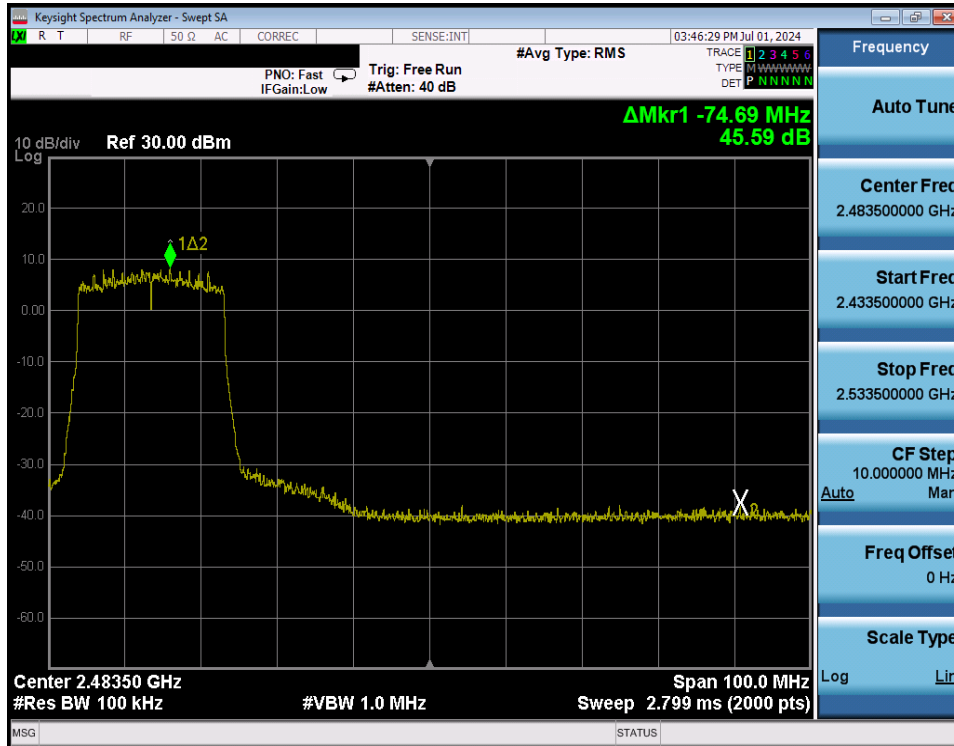


Plot 7-377. Band Edge Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 6 High) – MCS4

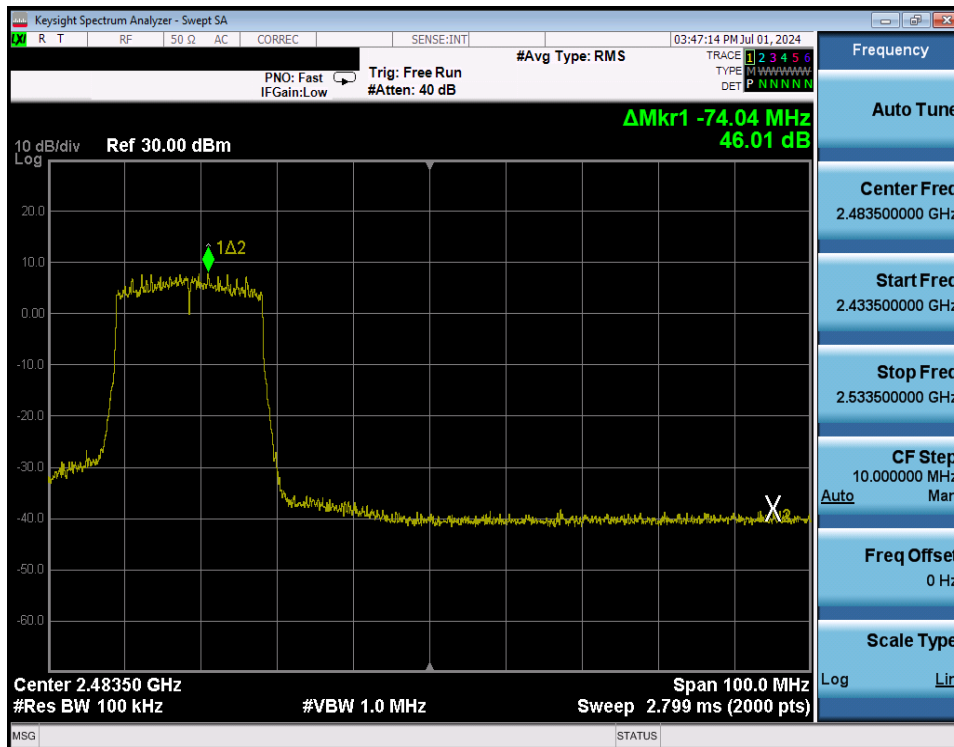


Plot 7-378. Band Edge Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 7) – MCS4

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 235 of 431

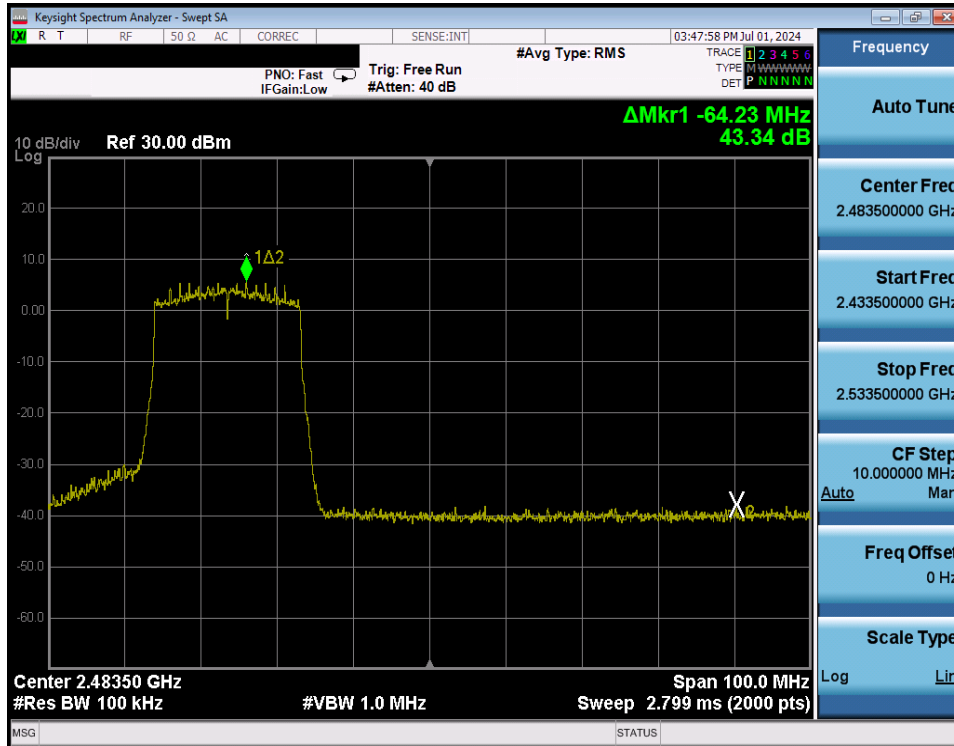


Plot 7-379. Band Edge Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 8) – MCS4

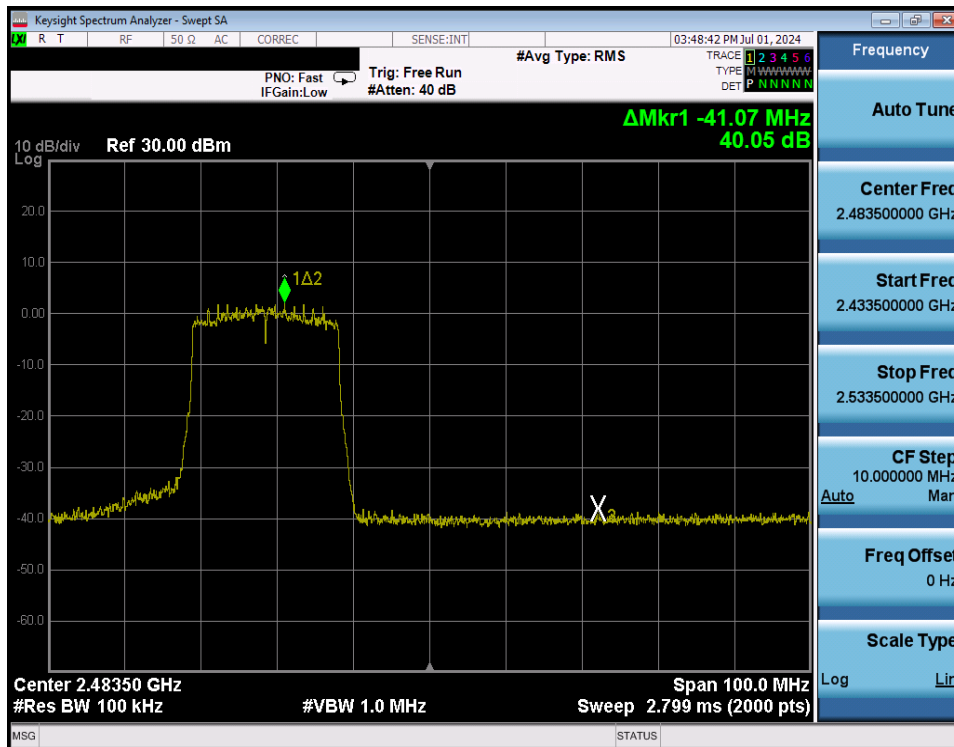


Plot 7-380. Band Edge Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 9) – MCS4

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 236 of 431

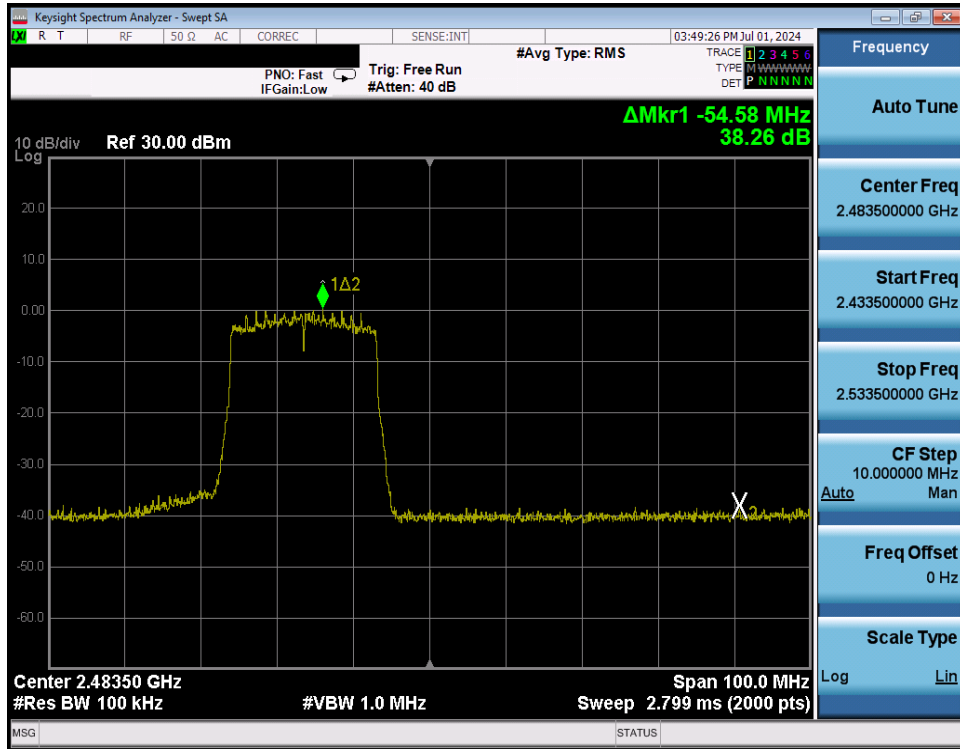


Plot 7-381. Band Edge Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 10) – MCS4



Plot 7-382. Band Edge Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 11) – MCS4

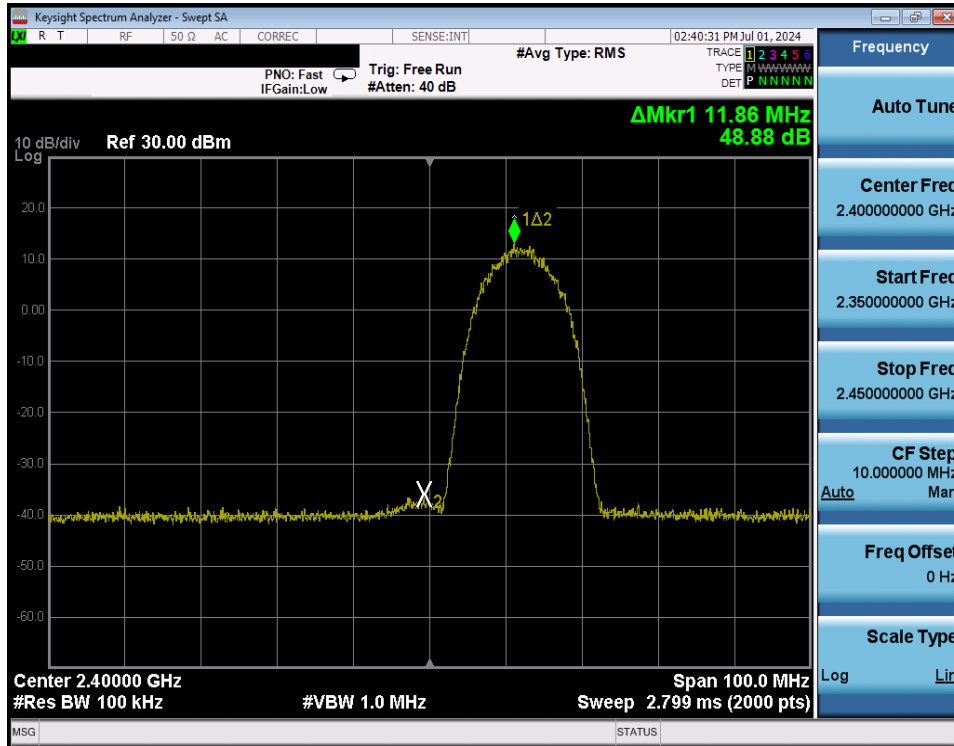
FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 237 of 431



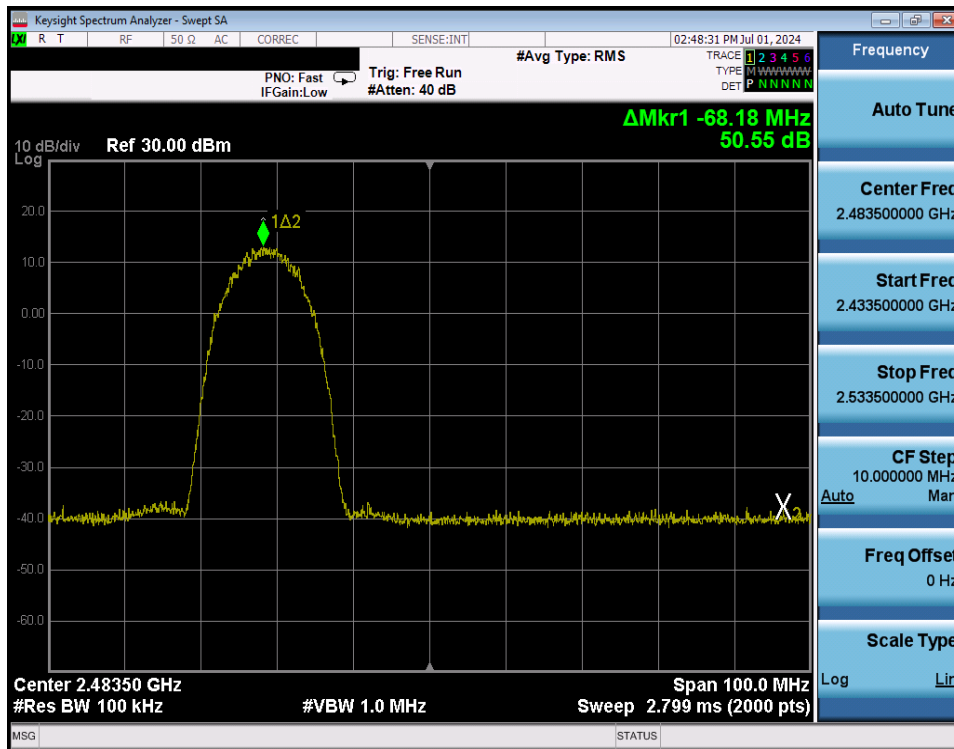
Plot 7-383. Band Edge Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 12) – MCS4

<b>FCC ID:</b> BCGA2993 <b>IC:</b> 579C-A2993		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2405200017-03-R1.BCG	<b>Test Dates:</b> 5/20/2024 - 7/01/2024	<b>EUT Type:</b> Tablet Device	Page 238 of 431



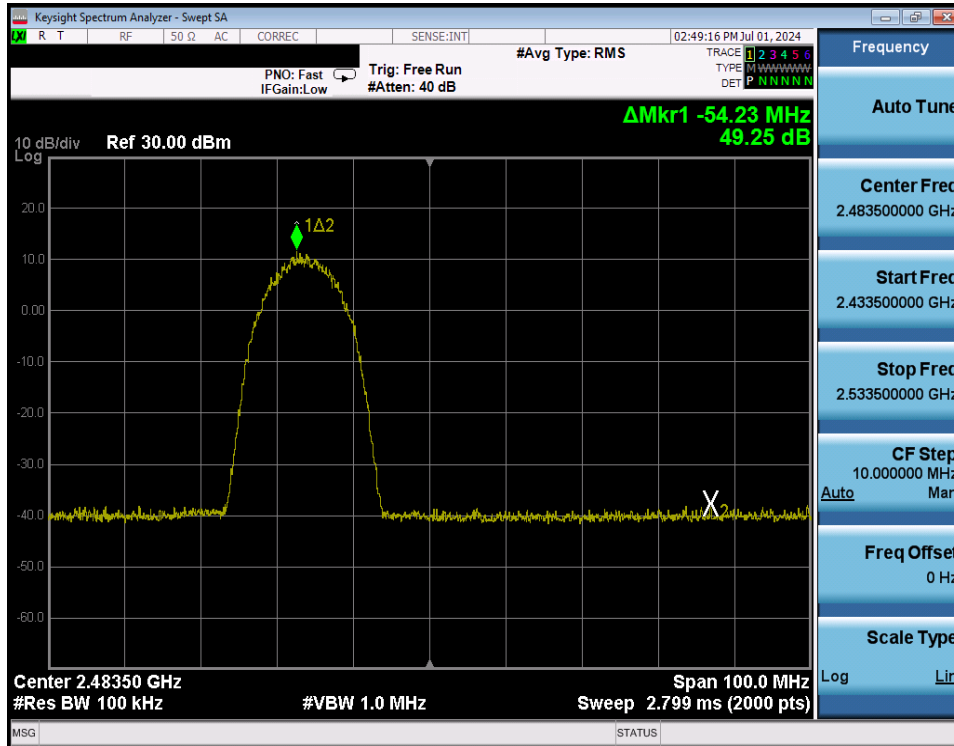


Plot 7-384. Band Edge Plot Antenna WF7 (802.11b – Ch. 1) – 11Mbps

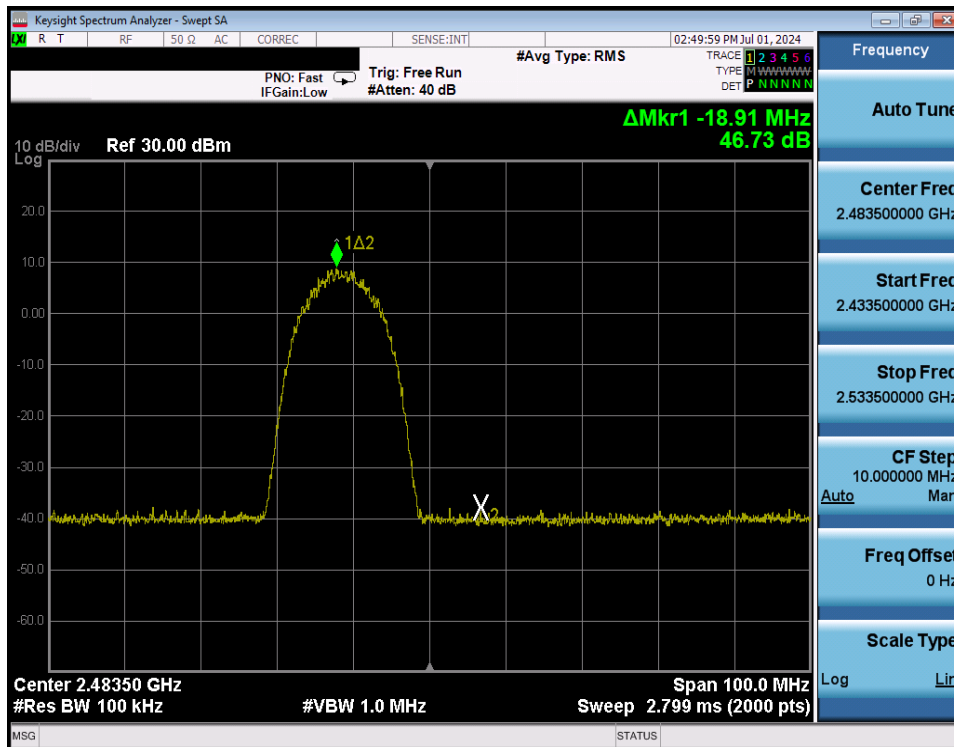


Plot 7-385. Band Edge Plot Antenna WF7 (802.11b – Ch. 11) – 11Mbps

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 239 of 431

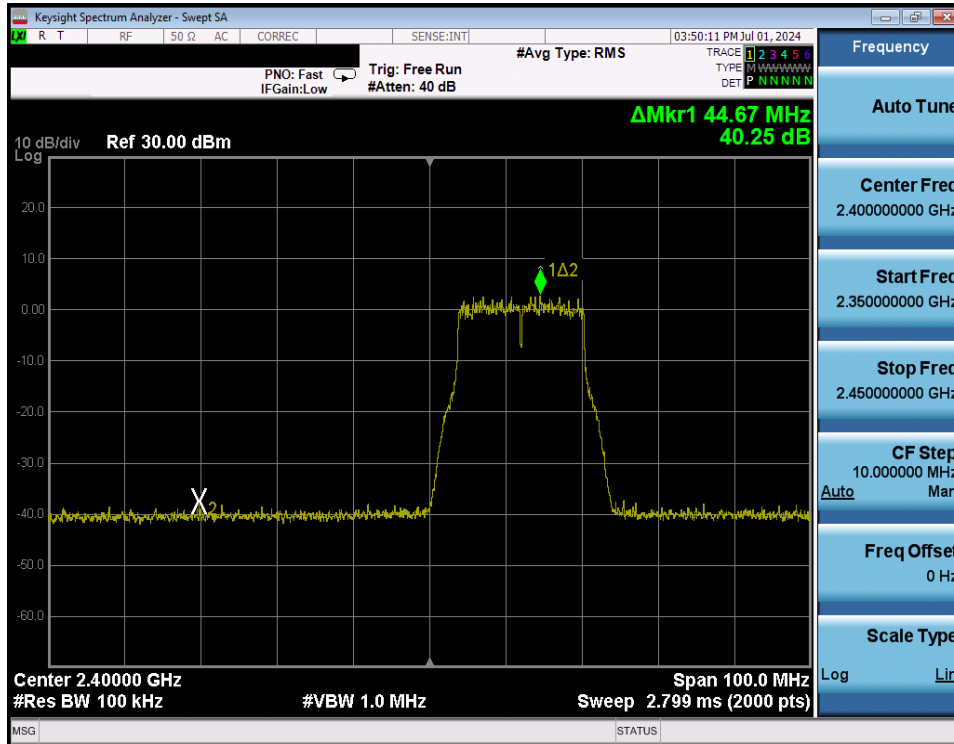


Plot 7-386. Band Edge Plot Antenna WF7 (802.11b – Ch. 12) – 11Mbps

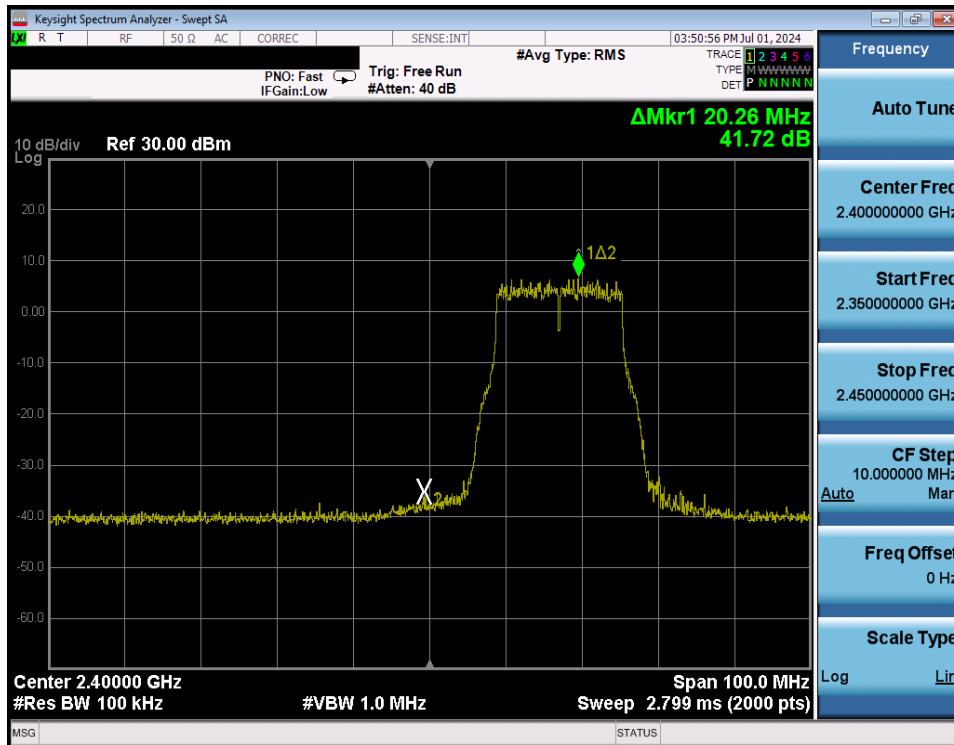


Plot 7-387. Band Edge Plot Antenna WF7 (802.11b – Ch. 13) – 11Mbps

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 240 of 431

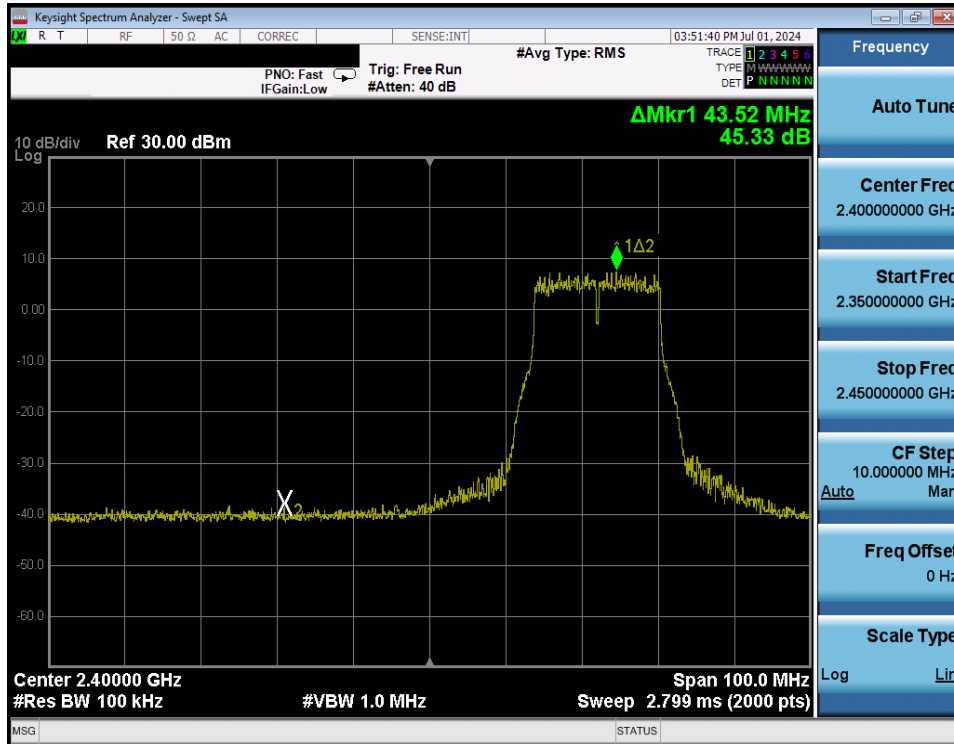


Plot 7-388. Band Edge Plot Antenna WF7 (802.11g – Ch. 1) – 54Mbps

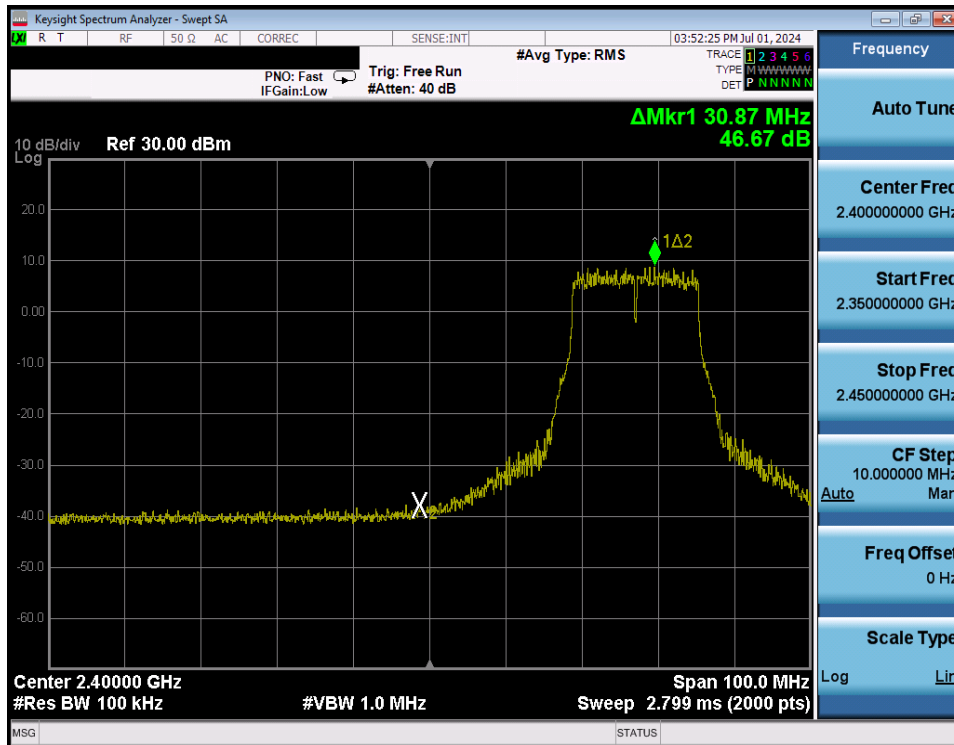


Plot 7-389. Band Edge Plot Antenna WF7 (802.11g – Ch. 2) – 54Mbps

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 241 of 431

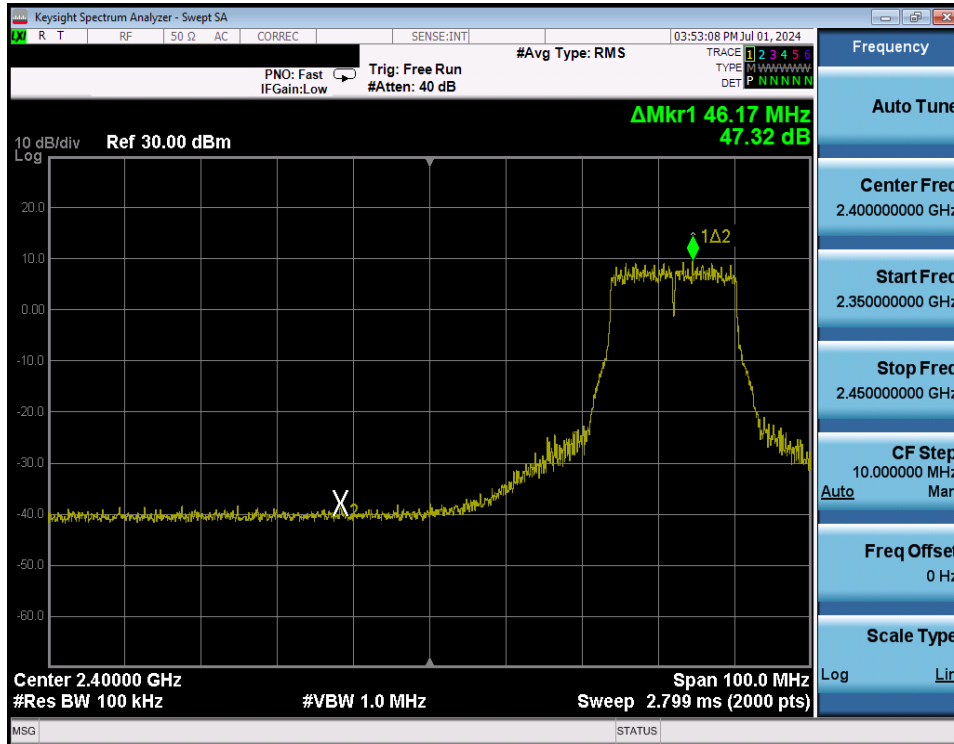


Plot 7-390. Band Edge Plot Antenna WF7 (802.11g – Ch. 3) – 54Mbps

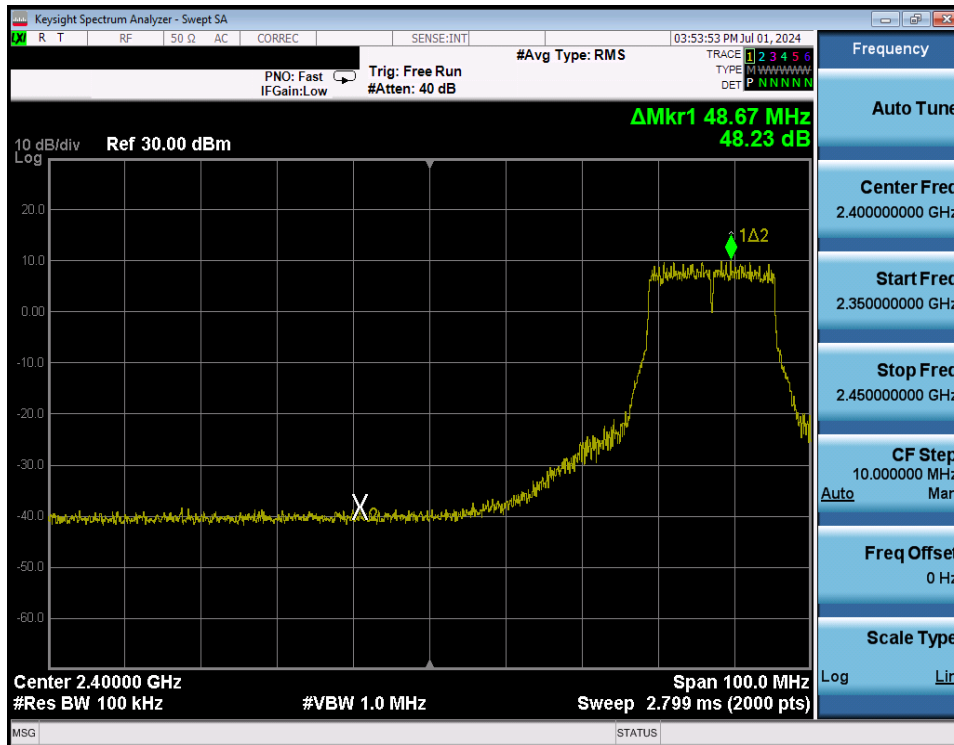


Plot 7-391. Band Edge Plot Antenna WF7 (802.11g – Ch. 4) – 54Mbps

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 242 of 431

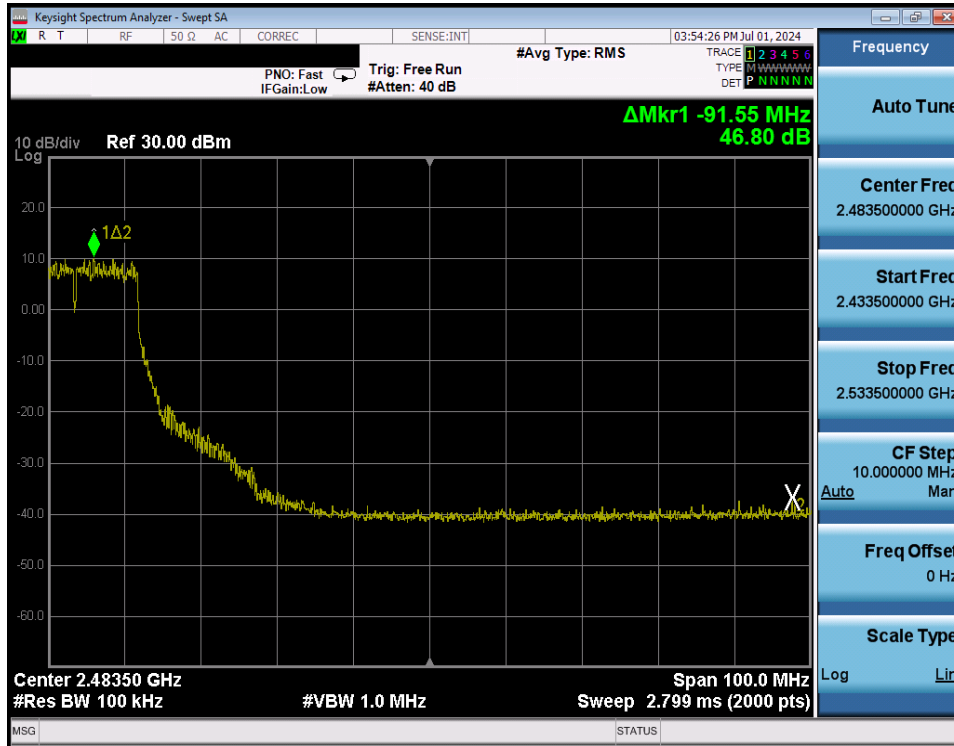


Plot 7-392. Band Edge Plot Antenna WF7 (802.11g – Ch. 5) – 54Mbps

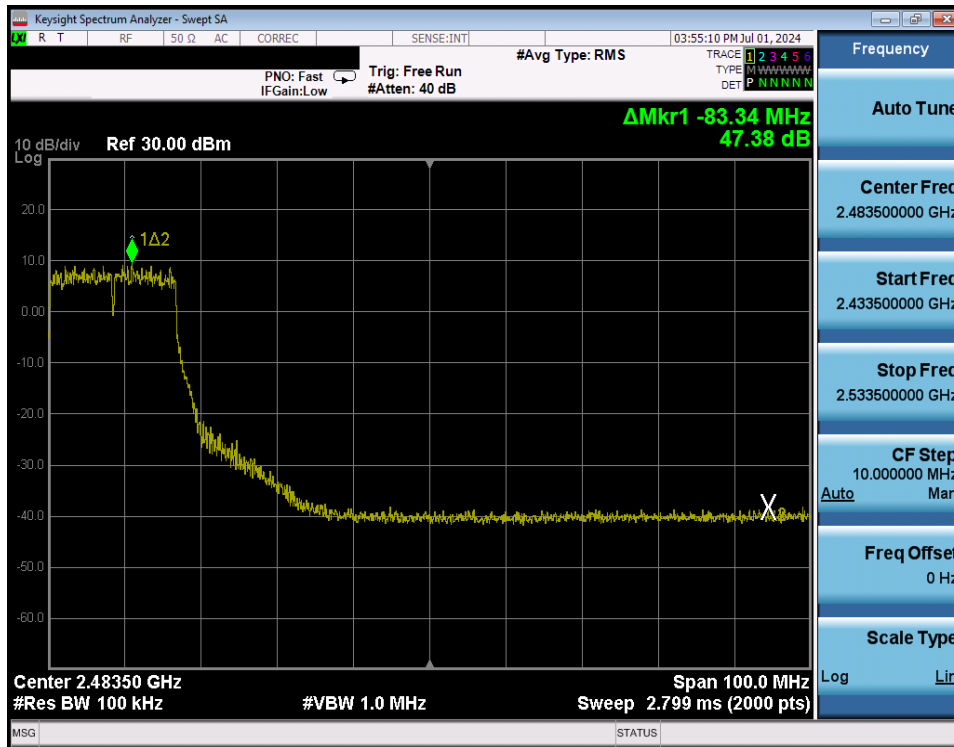


Plot 7-393. Band Edge Plot Antenna WF7 (802.11g – Ch. 6 Low) – 54Mbps

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 243 of 431

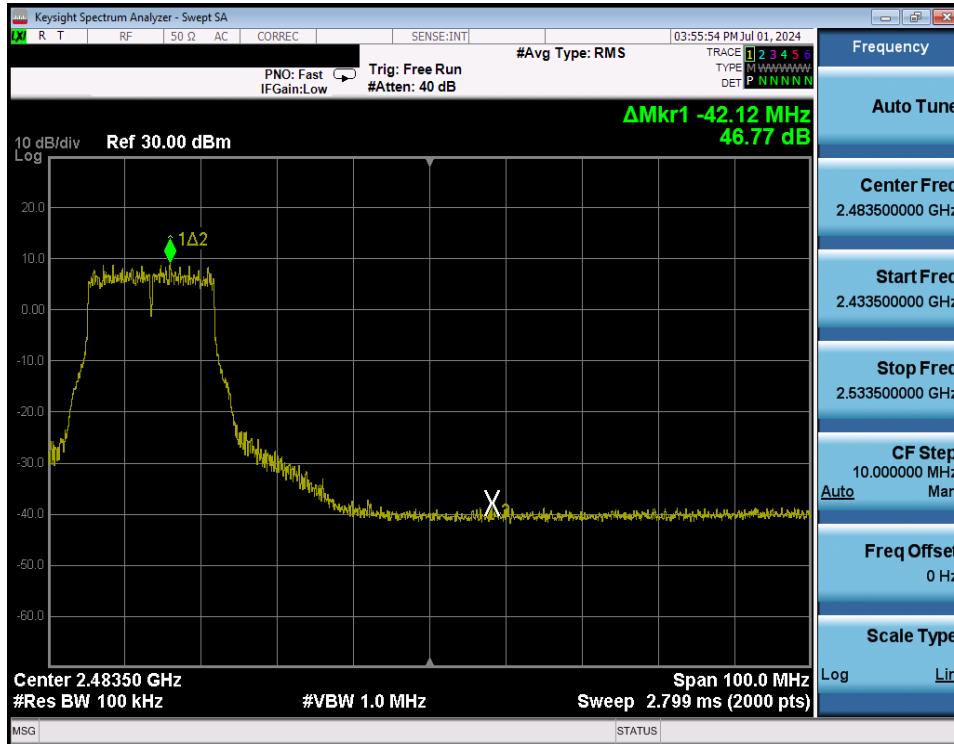


Plot 7-394. Band Edge Plot Antenna WF7 (802.11g – Ch. 6 High) – 54Mbps

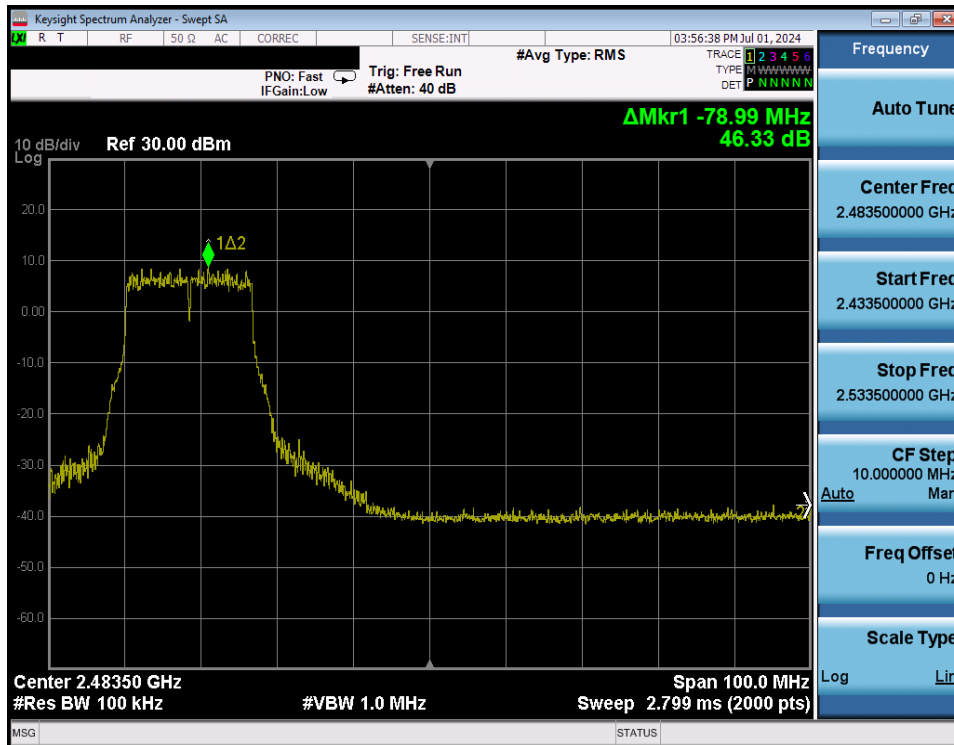


Plot 7-395. Band Edge Plot Antenna WF7 (802.11g – Ch. 7) – 54Mbps

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 244 of 431

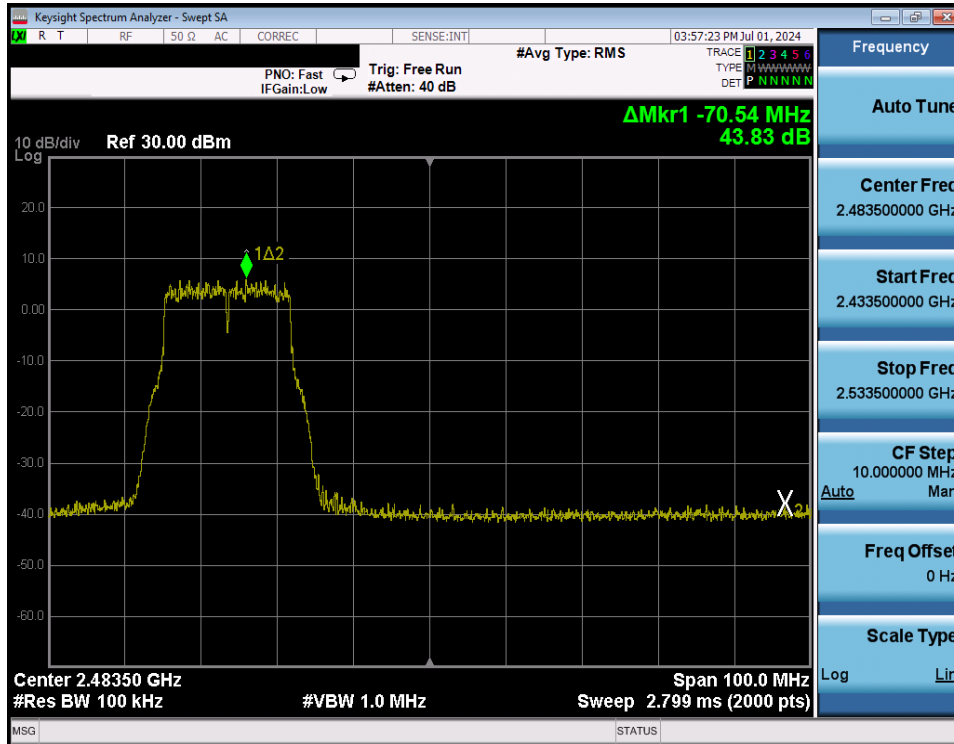


Plot 7-396. Band Edge Plot Antenna WF7 (802.11g – Ch. 8) – 54Mbps

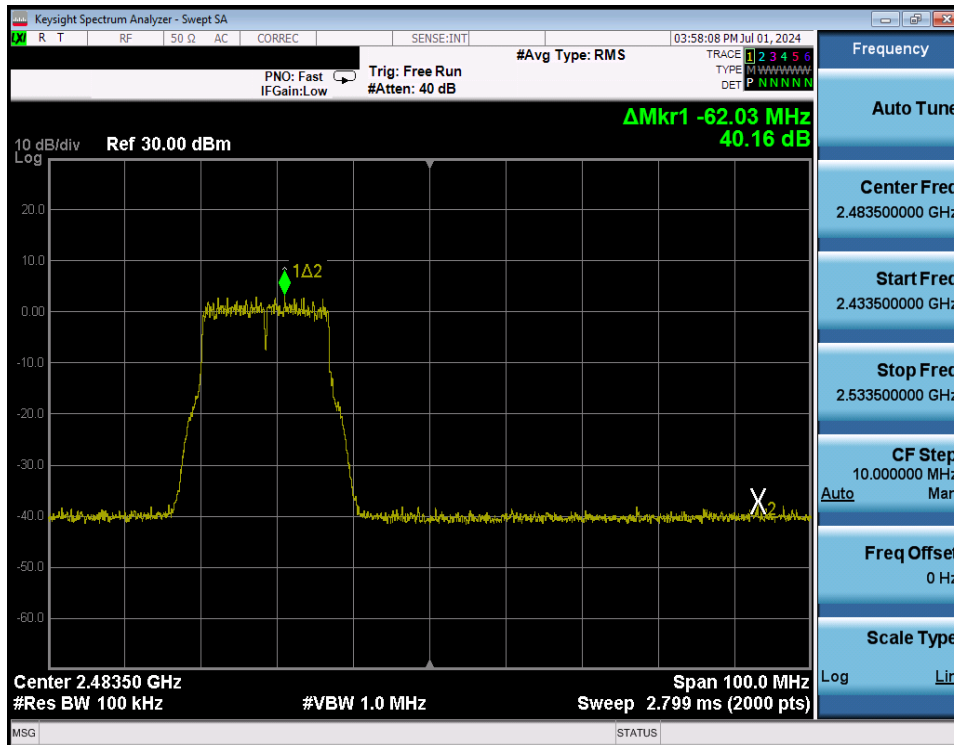


Plot 7-397. Band Edge Plot Antenna WF7 (802.11g – Ch. 9) – 54Mbps

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 245 of 431



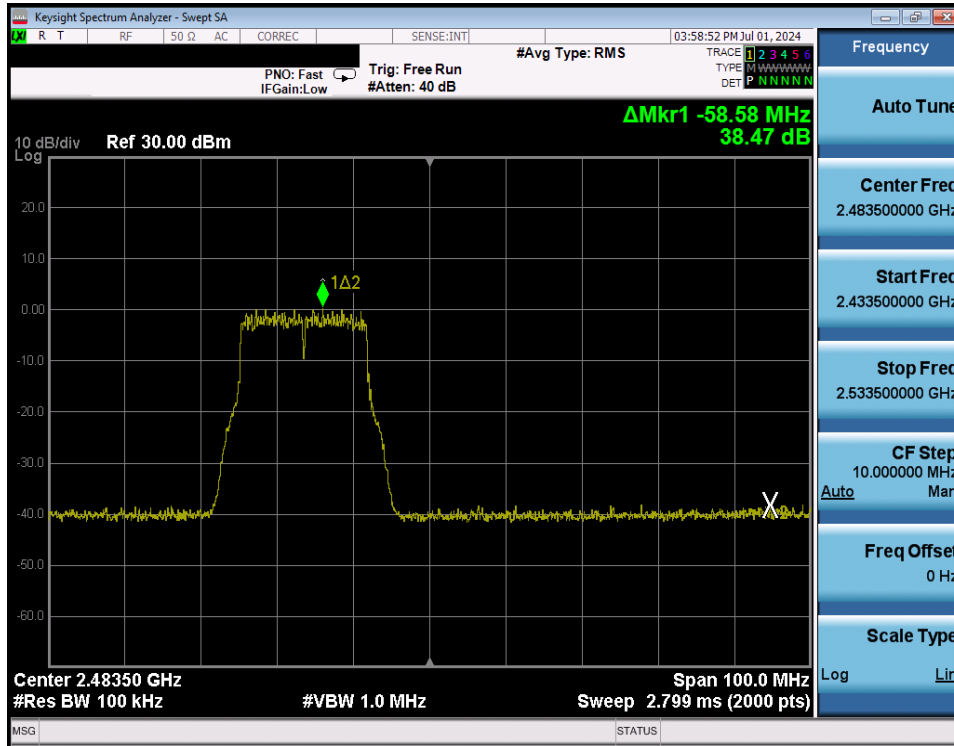
Plot 7-398. Band Edge Plot Antenna WF7 (802.11g – Ch. 10) – 54Mbps



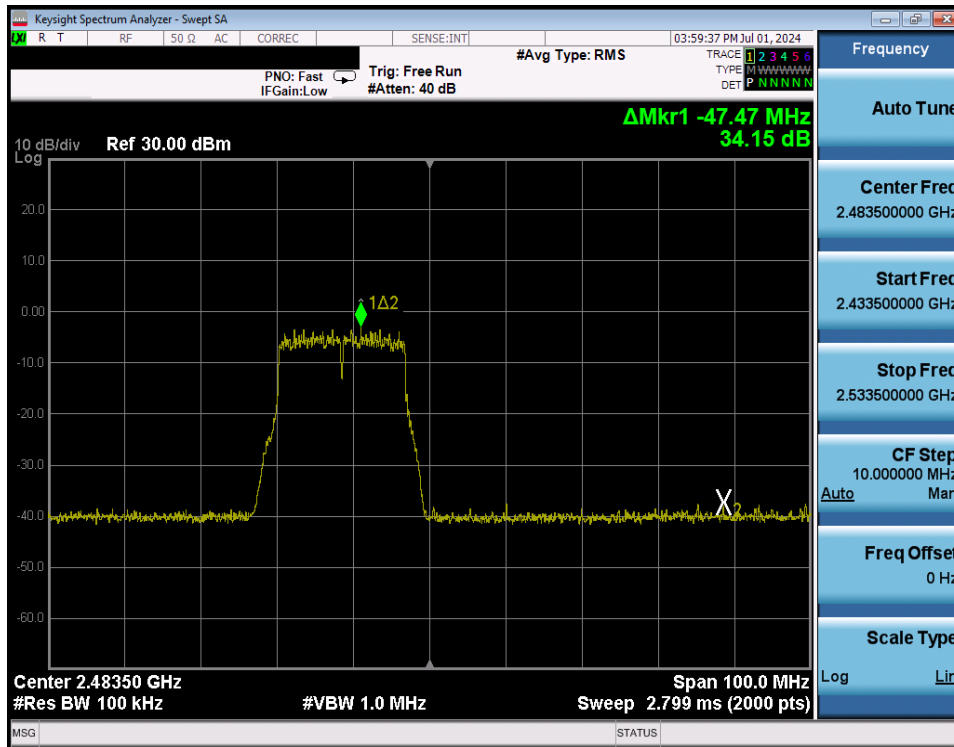
Plot 7-399. Band Edge Plot Antenna WF7 (802.11g – Ch. 11) – 54Mbps

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 246 of 431



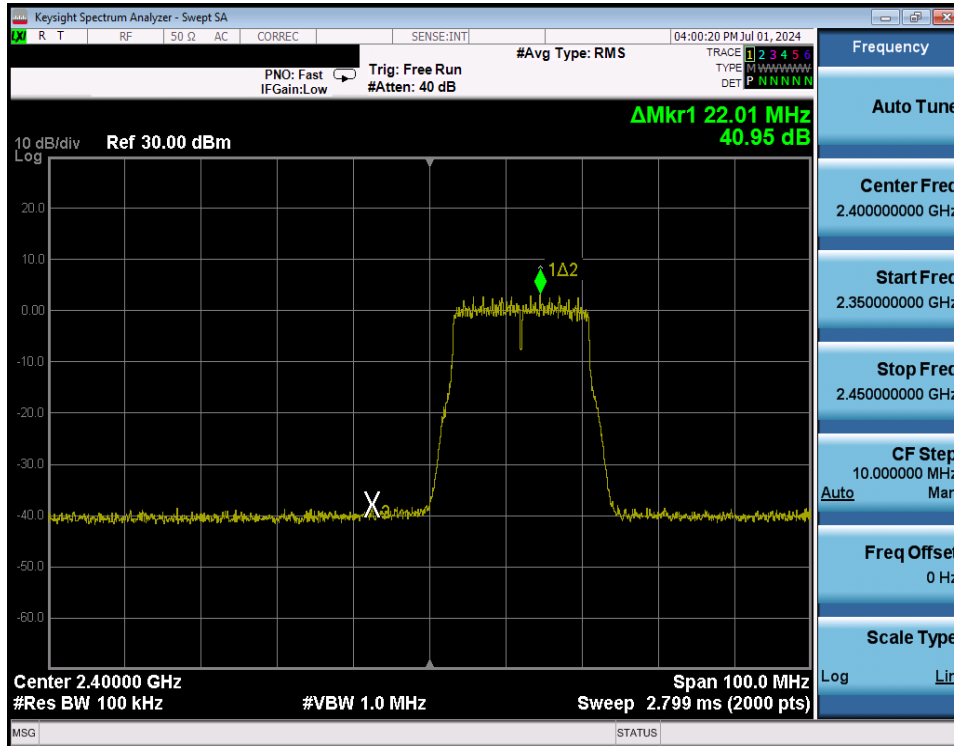


Plot 7-400. Band Edge Plot Antenna WF7 (802.11g – Ch. 12) – 54Mbps

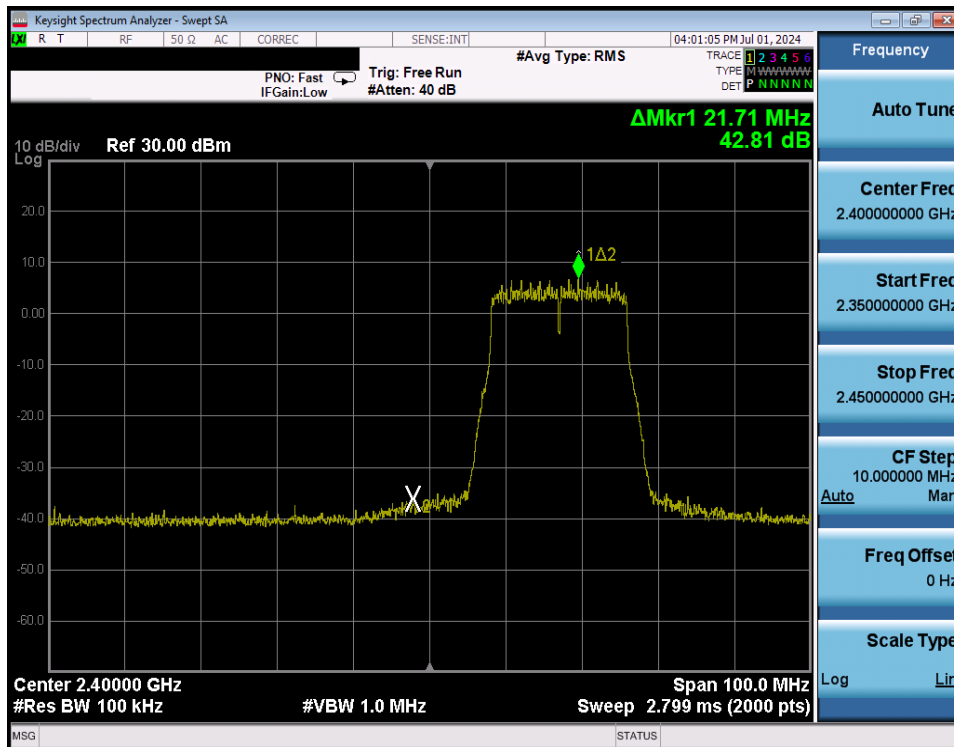


Plot 7-401. Band Edge Plot Antenna WF7 (802.11g – Ch. 13) – 54Mbps

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 247 of 431

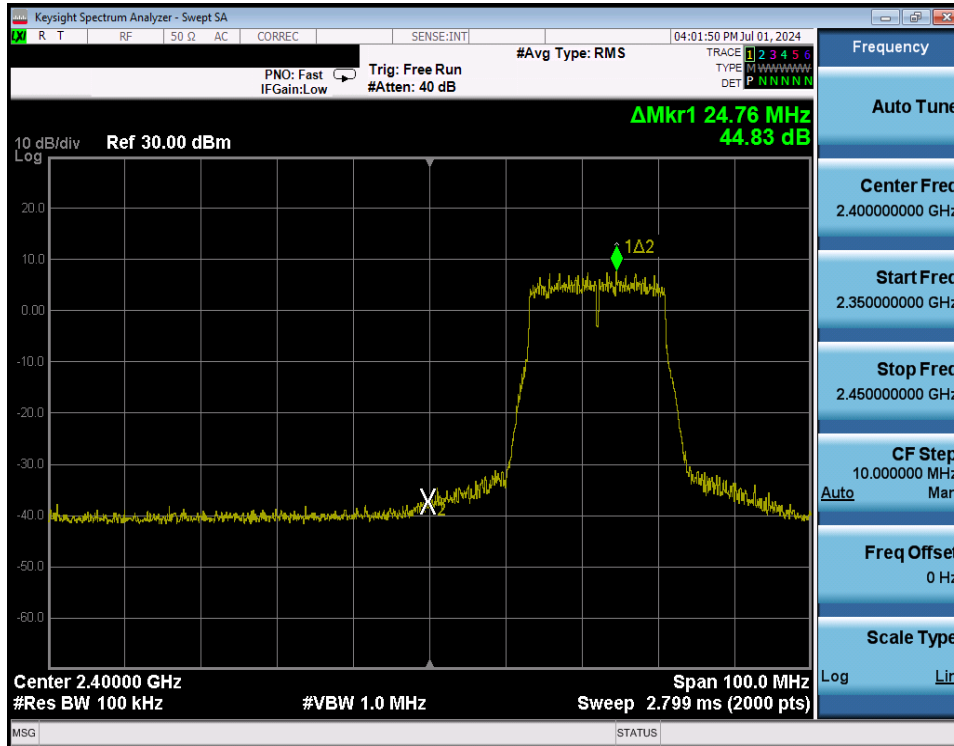


Plot 7-402. Band Edge Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 1) – MCS7

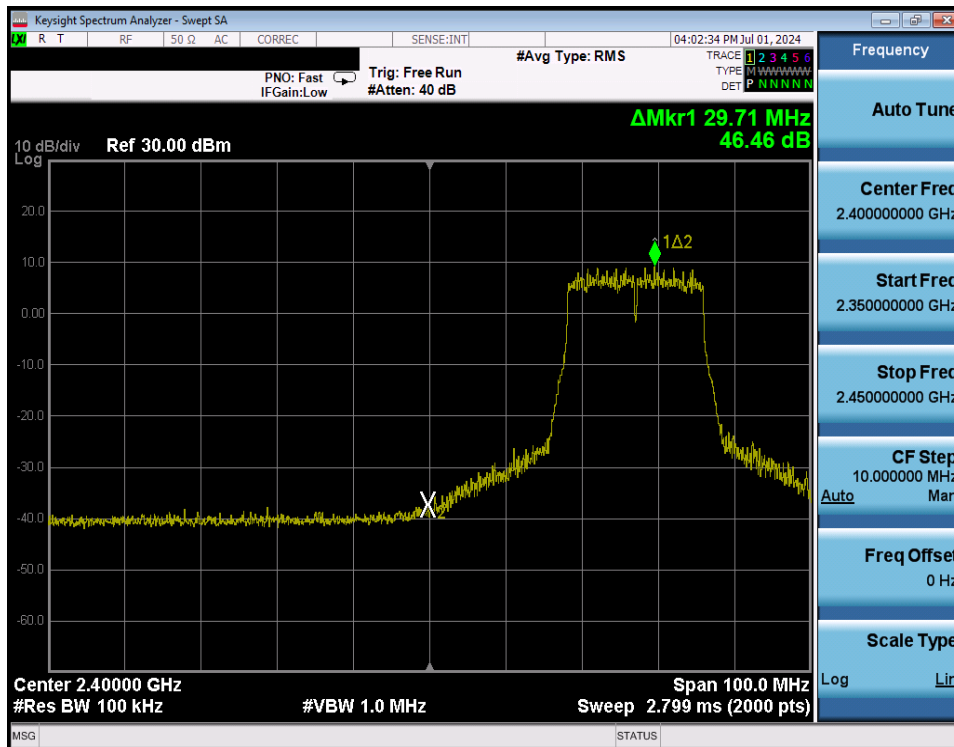


Plot 7-403. Band Edge Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 2) – MCS7

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 248 of 431

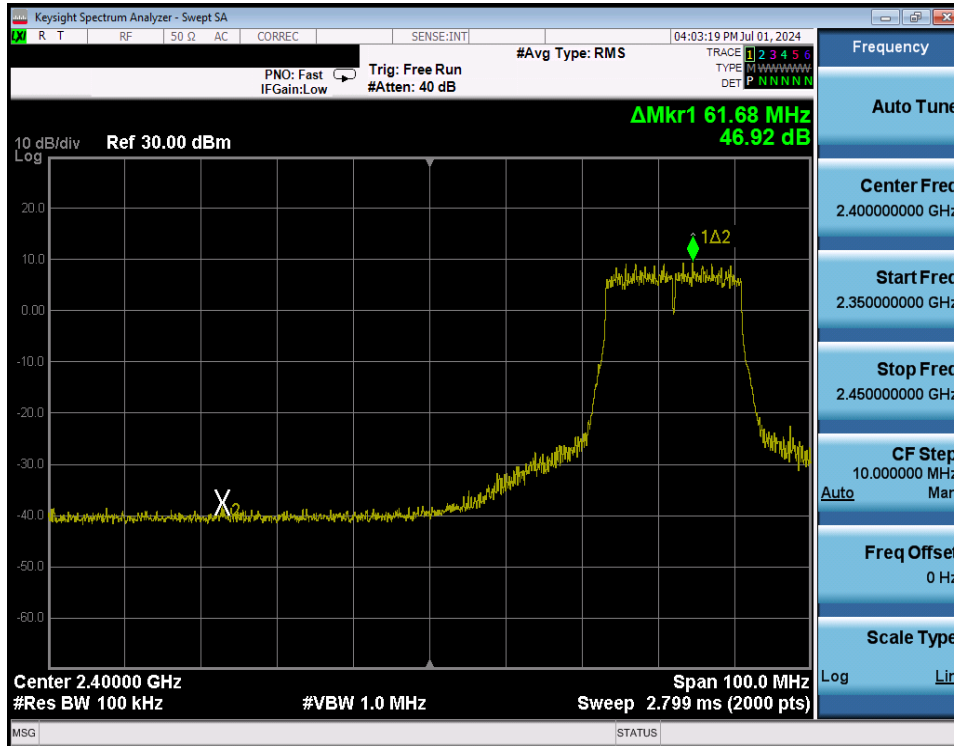


Plot 7-404. Band Edge Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 3) – MCS7

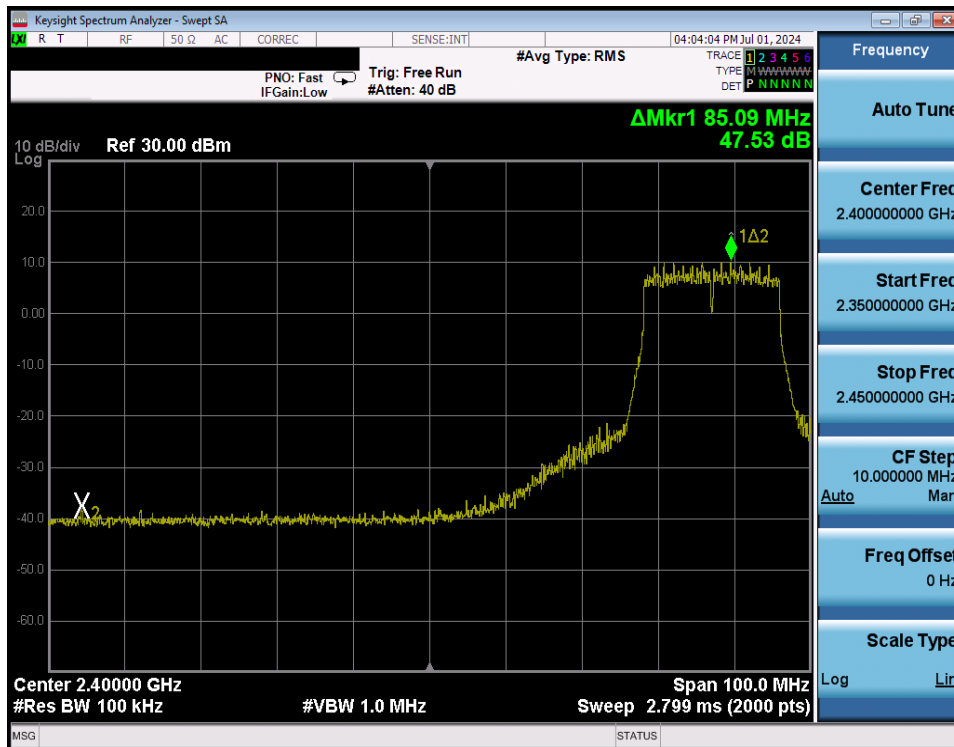


Plot 7-405. Band Edge Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 4) – MCS7

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 249 of 431

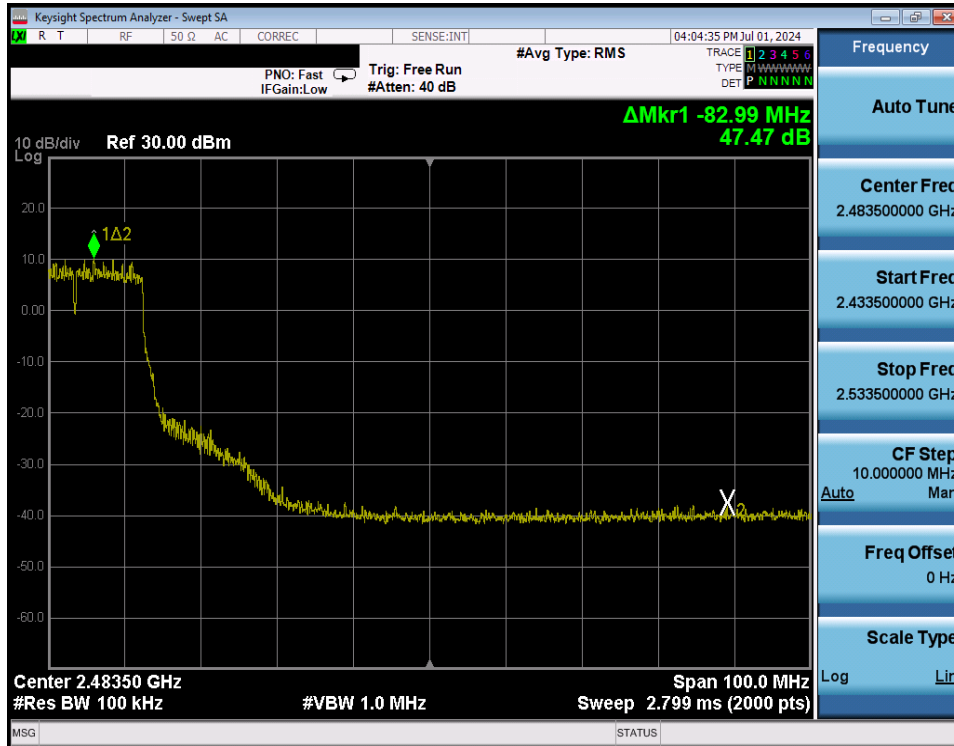


Plot 7-406. Band Edge Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 5) – MCS7

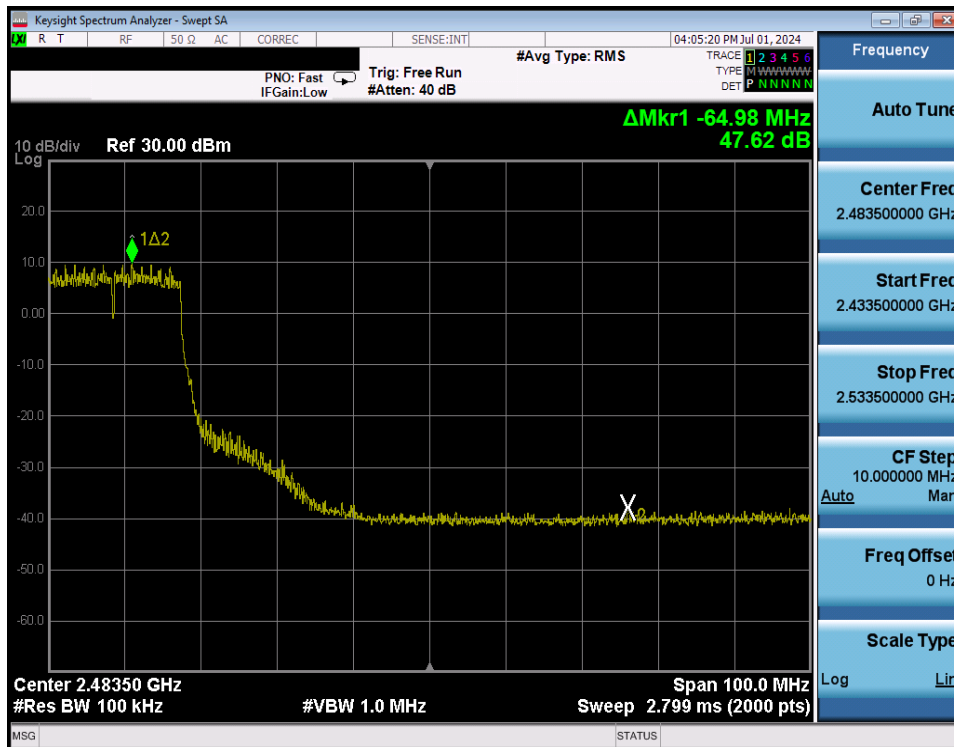


Plot 7-407. Band Edge Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 6 Low) – MCS7

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 250 of 431

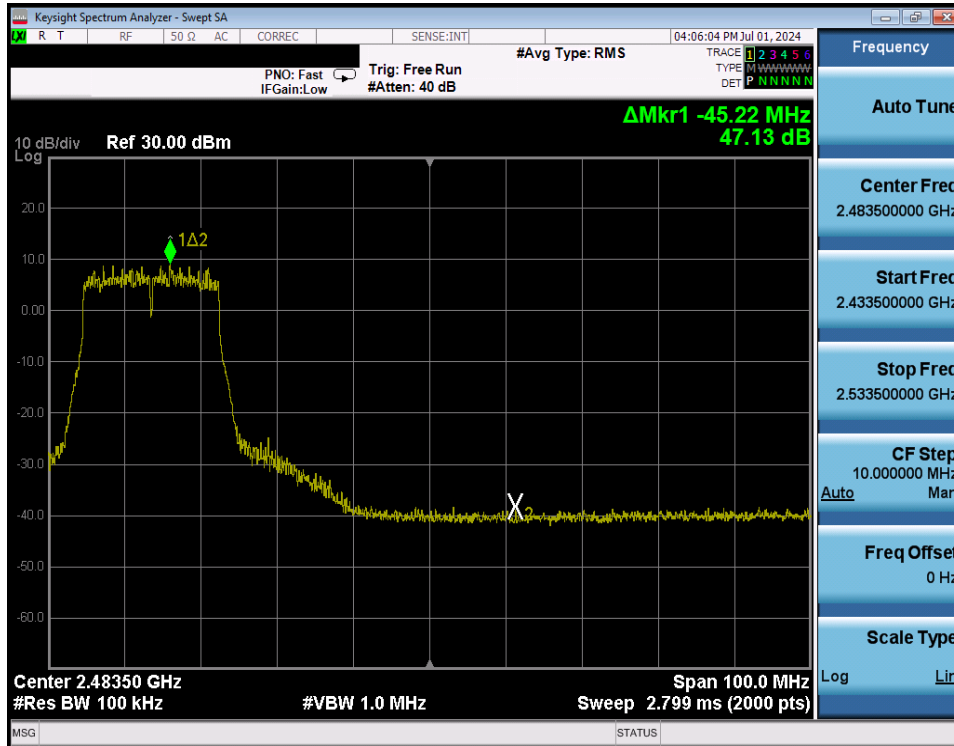


Plot 7-408. Band Edge Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 6 High) – MCS7

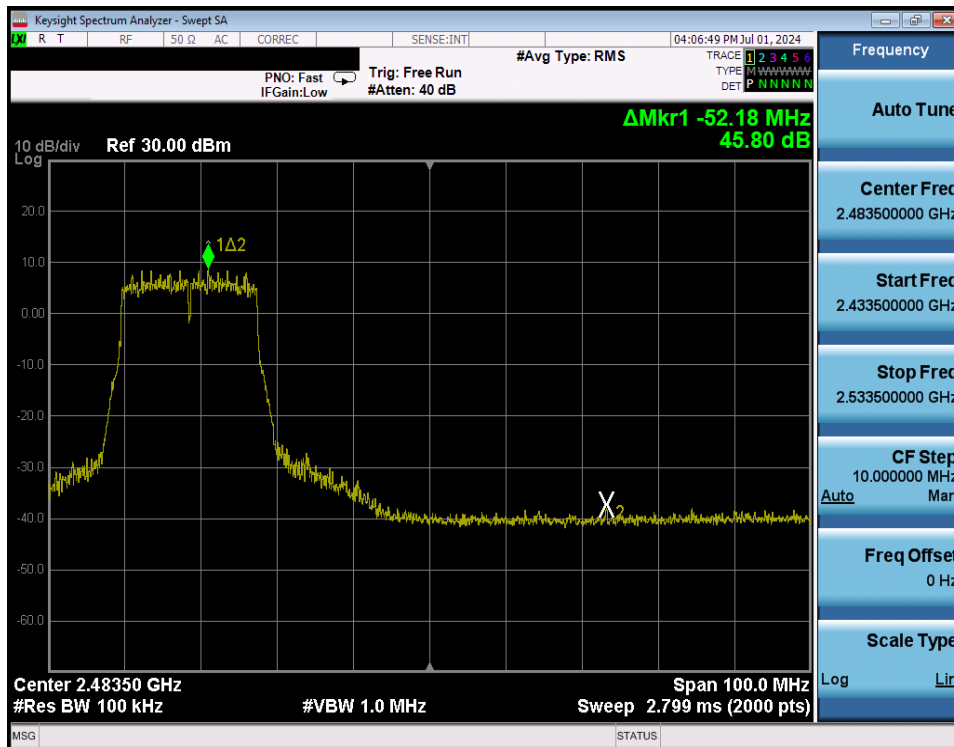


Plot 7-409. Band Edge Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 7) – MCS7

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 251 of 431

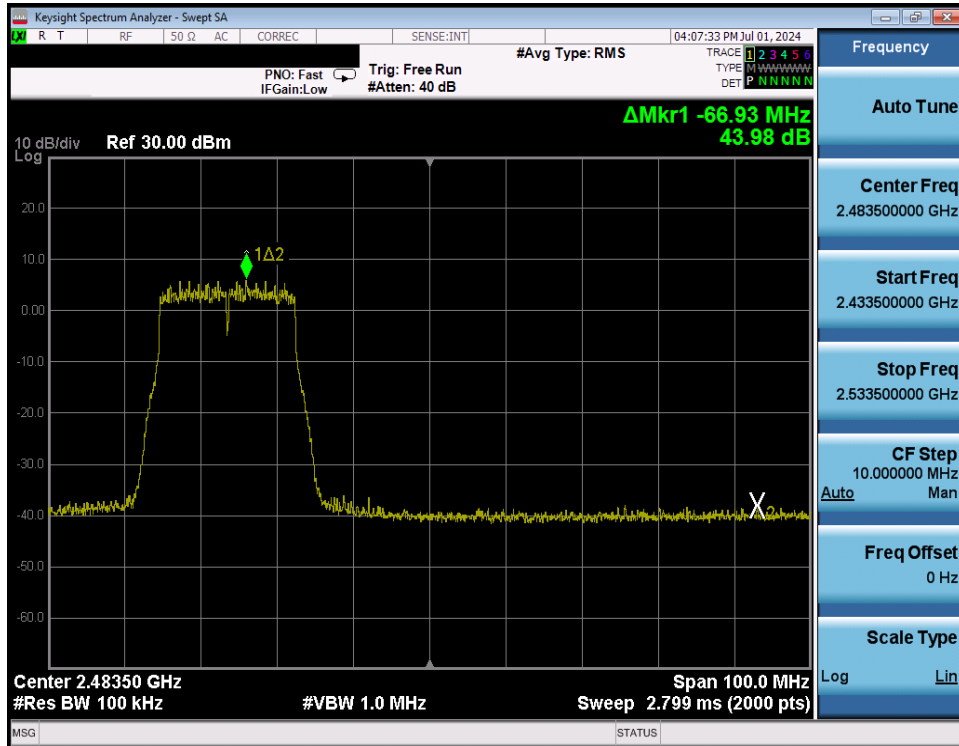


Plot 7-410. Band Edge Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 8) – MCS7

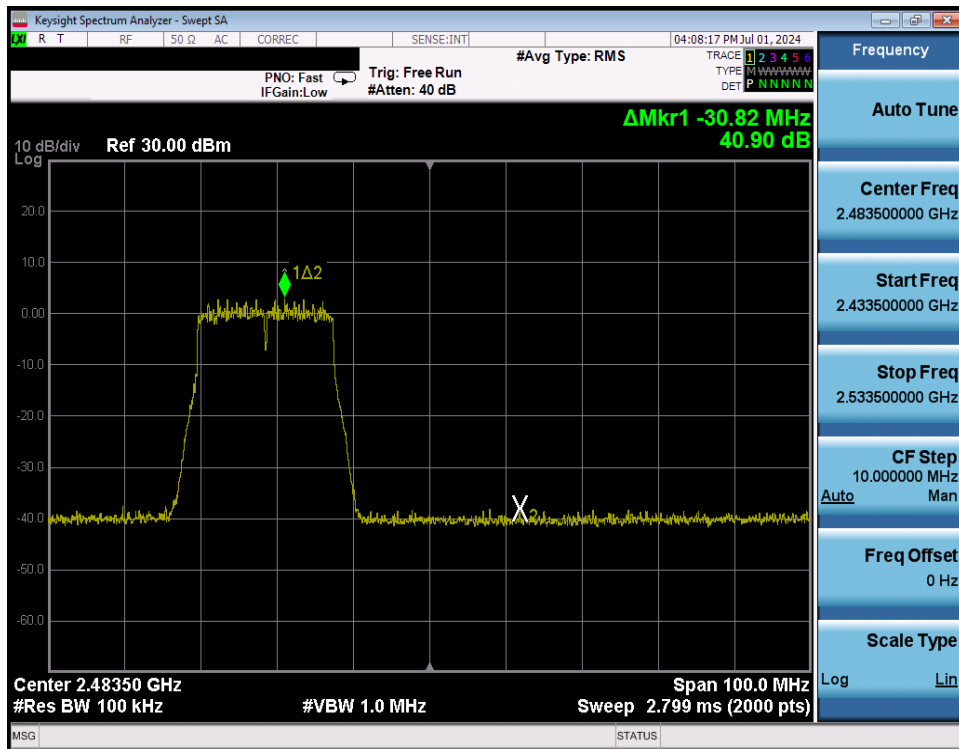


Plot 7-411. Band Edge Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 9) – MCS7

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 252 of 431

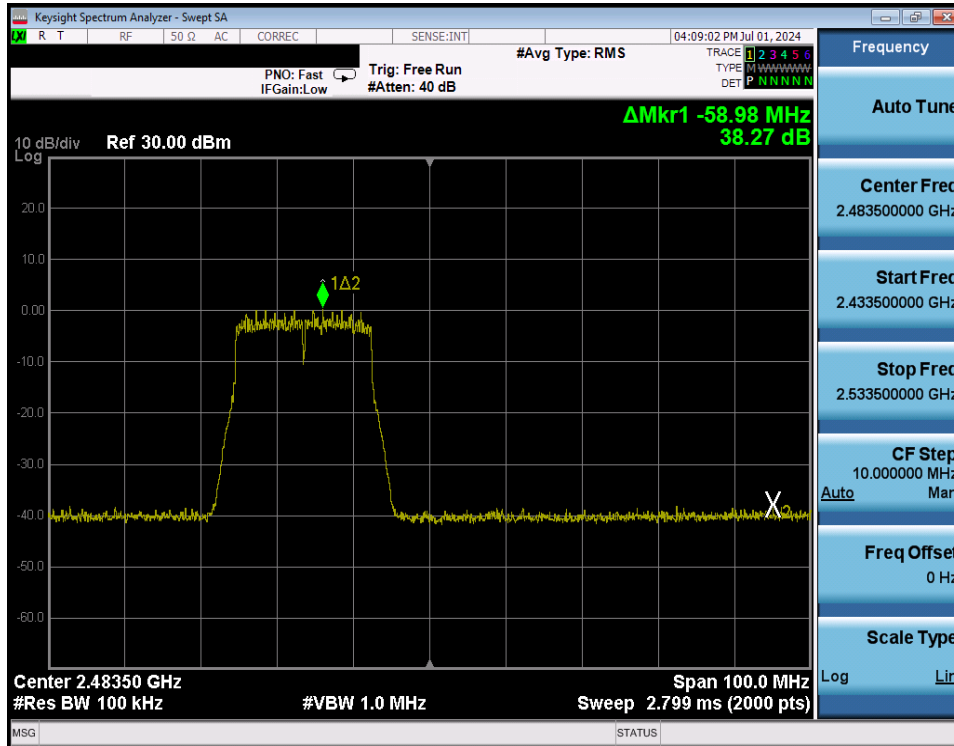


Plot 7-412. Band Edge Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 10) – MCS7

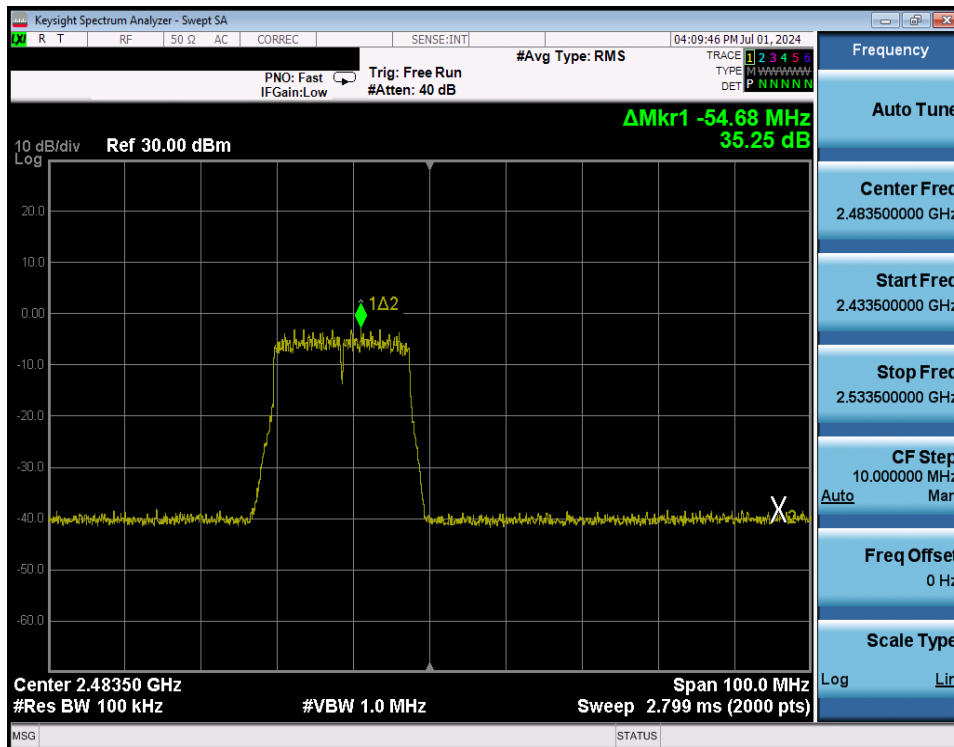


Plot 7-413. Band Edge Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 11) – MCS7

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 253 of 431



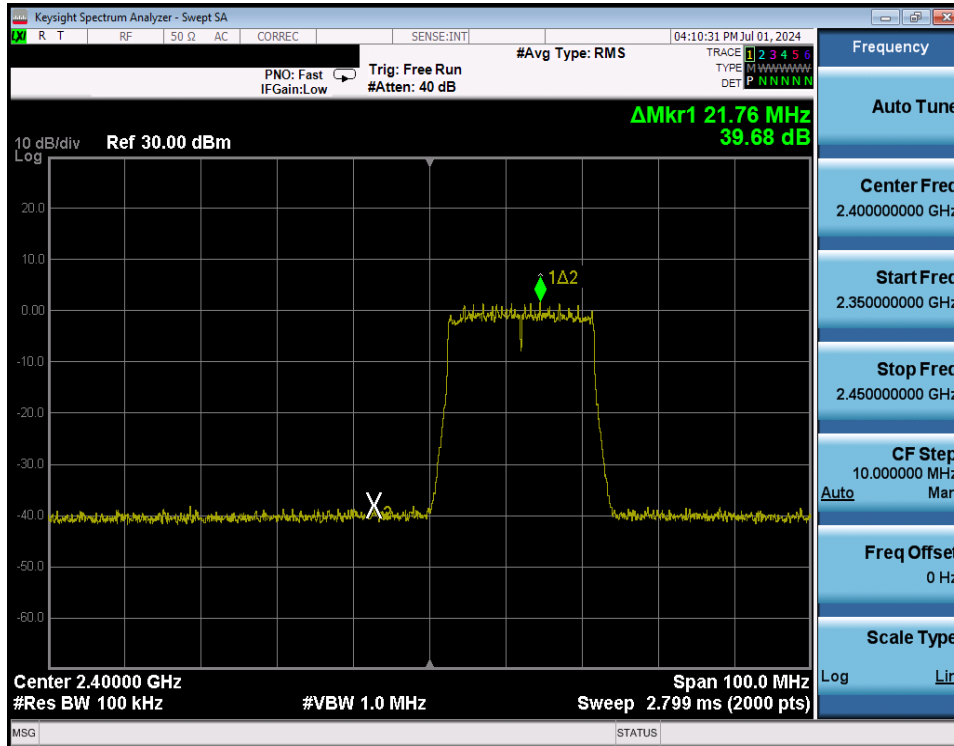
Plot 7-414. Band Edge Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 12) – MCS7



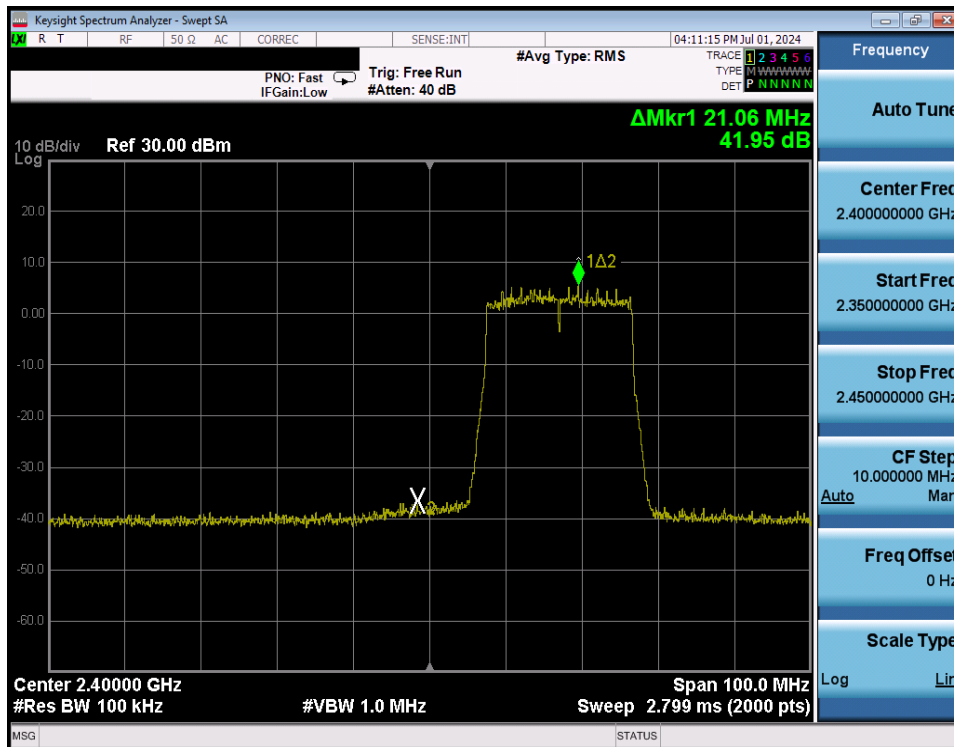
Plot 7-415. Band Edge Plot Antenna WF7 (802.11n (2.4GHz) – Ch. 13) – MCS7

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 254 of 431



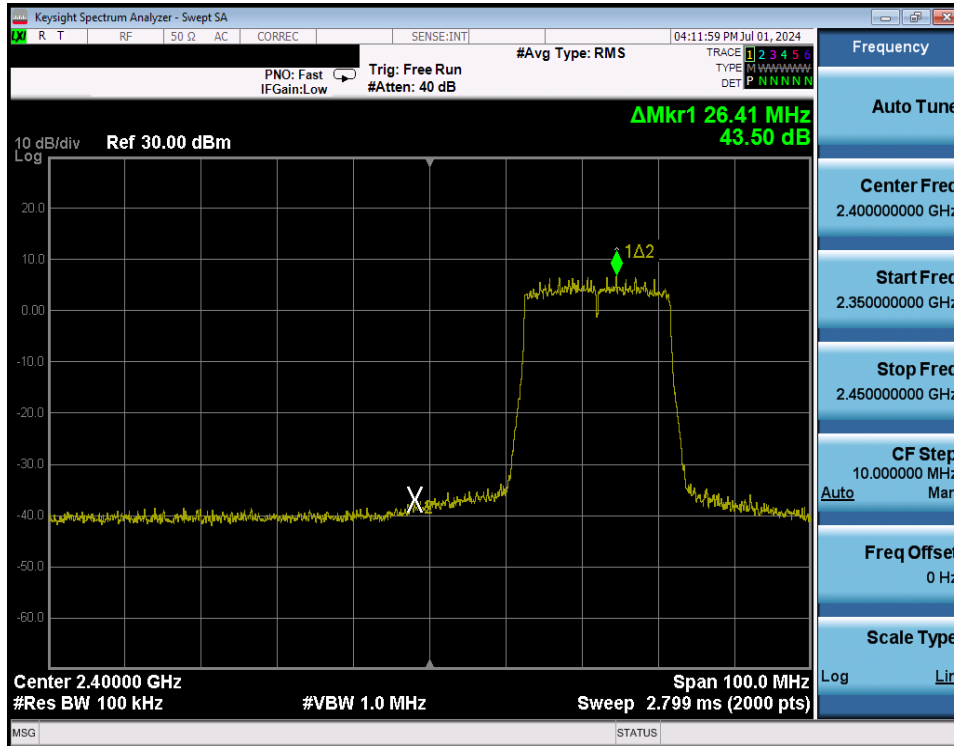


Plot 7-416. Band Edge Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 1) – MCS9

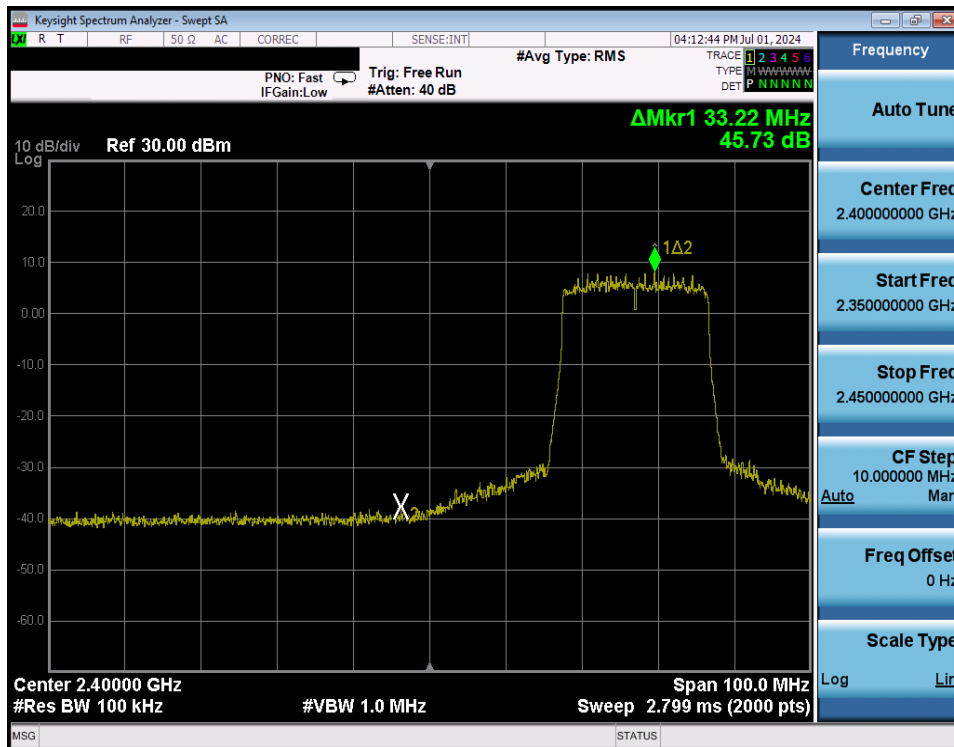


Plot 7-417. Band Edge Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 2) – MCS9

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 255 of 431

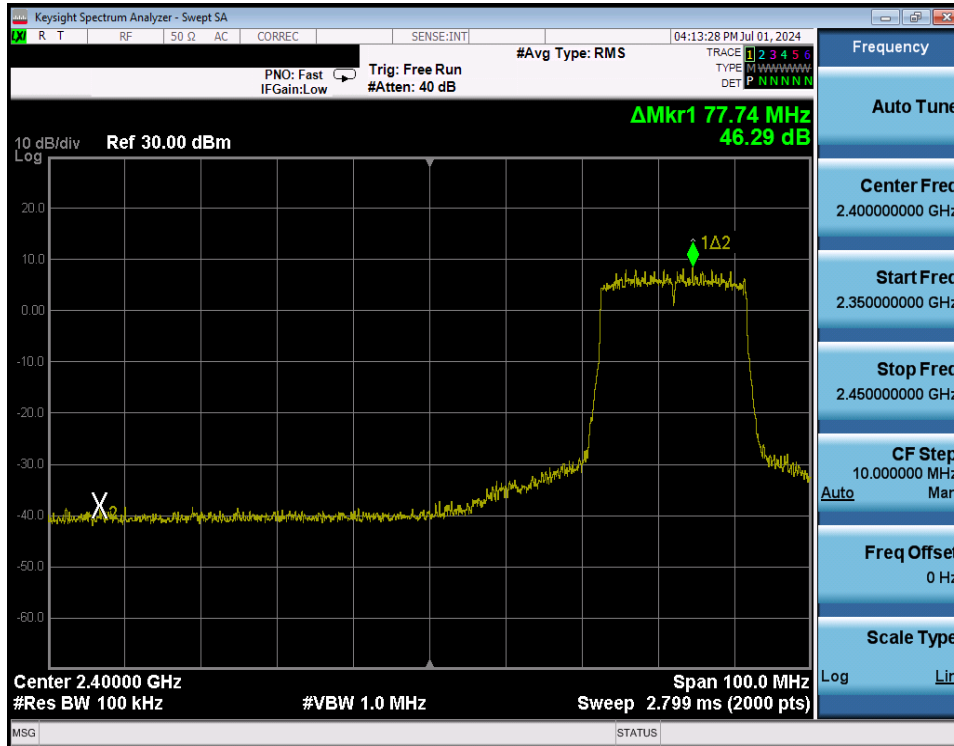


Plot 7-418. Band Edge Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 3) – MCS9

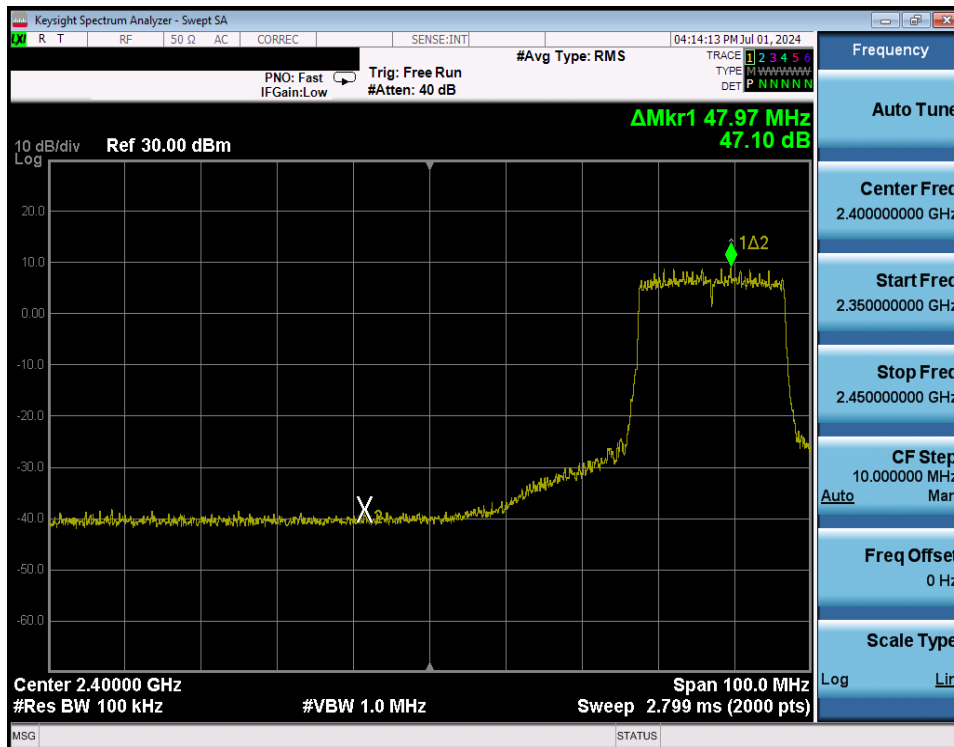


Plot 7-419. Band Edge Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 4) – MCS9

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 256 of 431

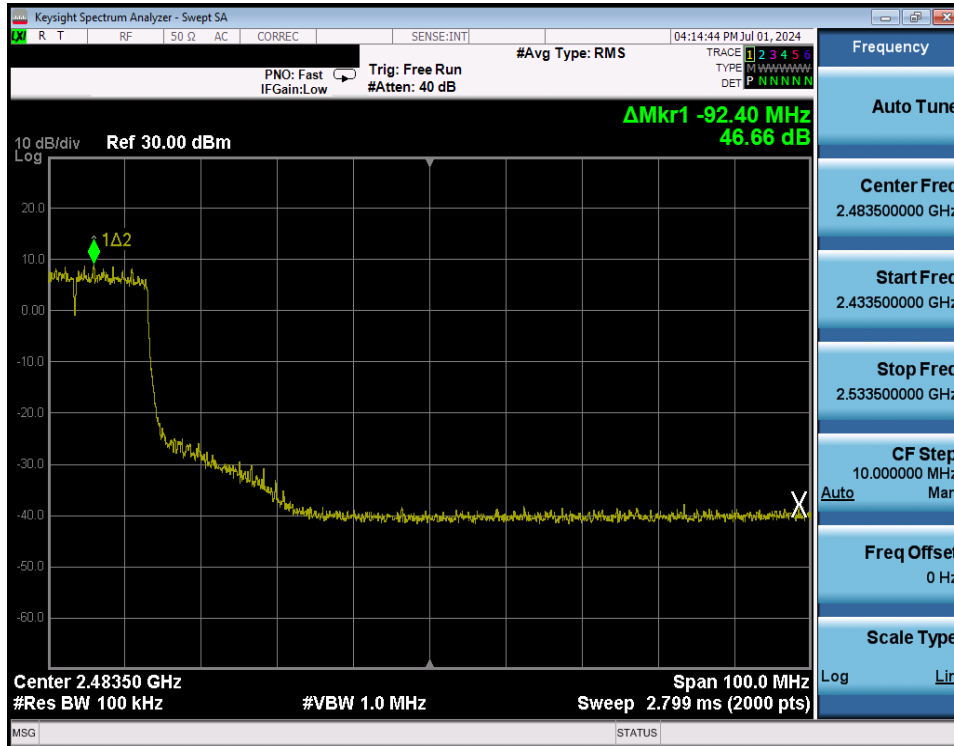


Plot 7-420. Band Edge Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 5) – MCS9

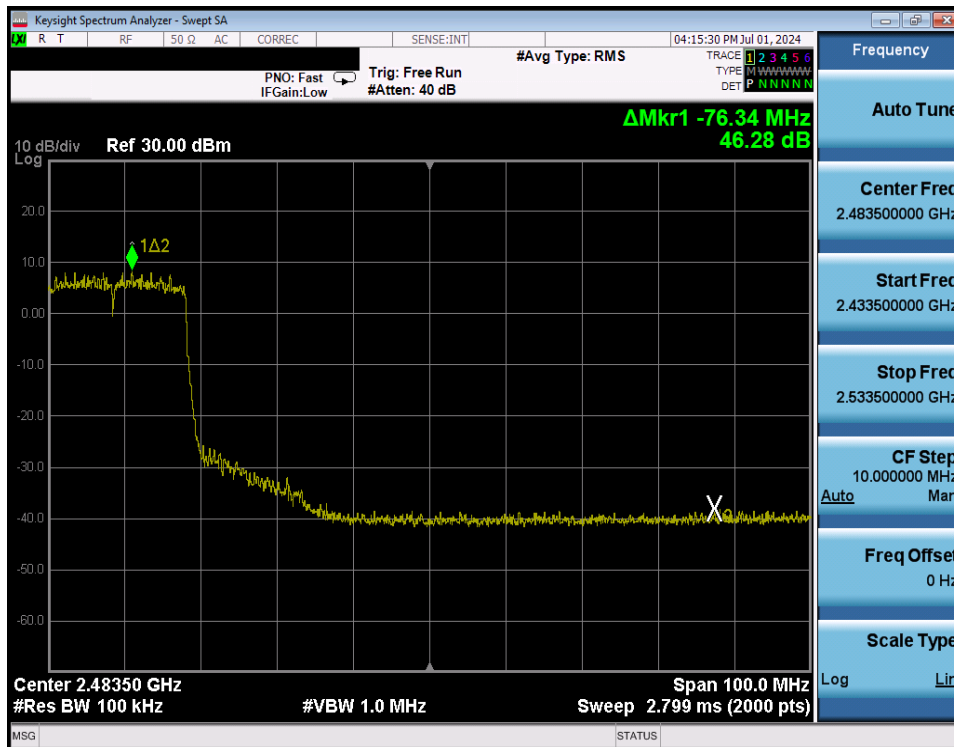


Plot 7-421. Band Edge Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 6 (low) – MCS9

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 257 of 431

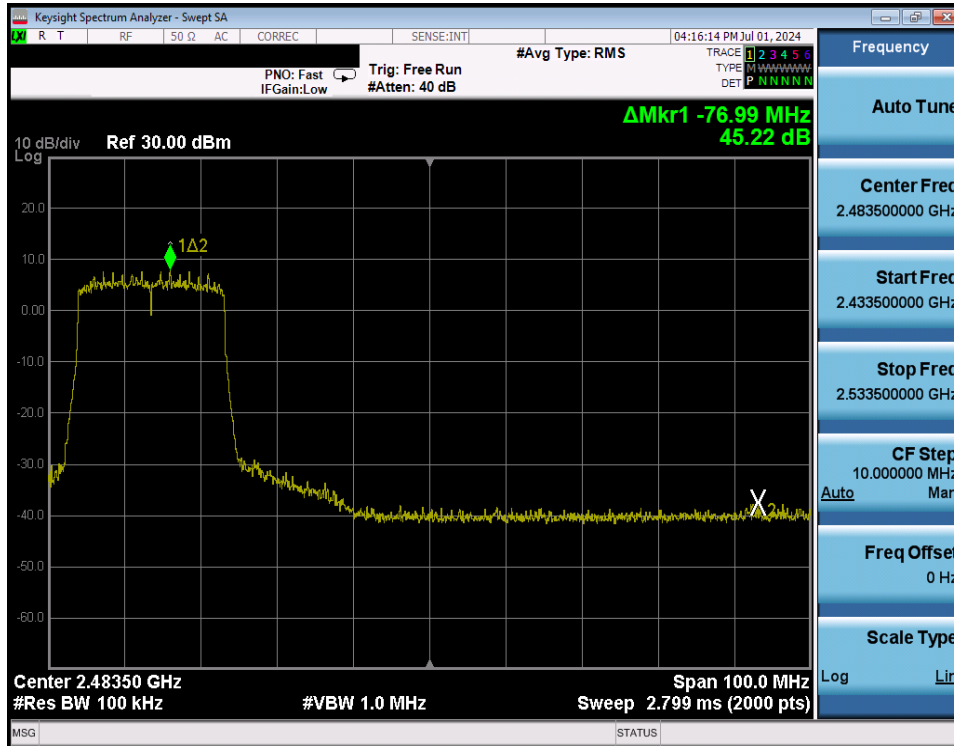


Plot 7-422. Band Edge Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 6(high)) – MCS9

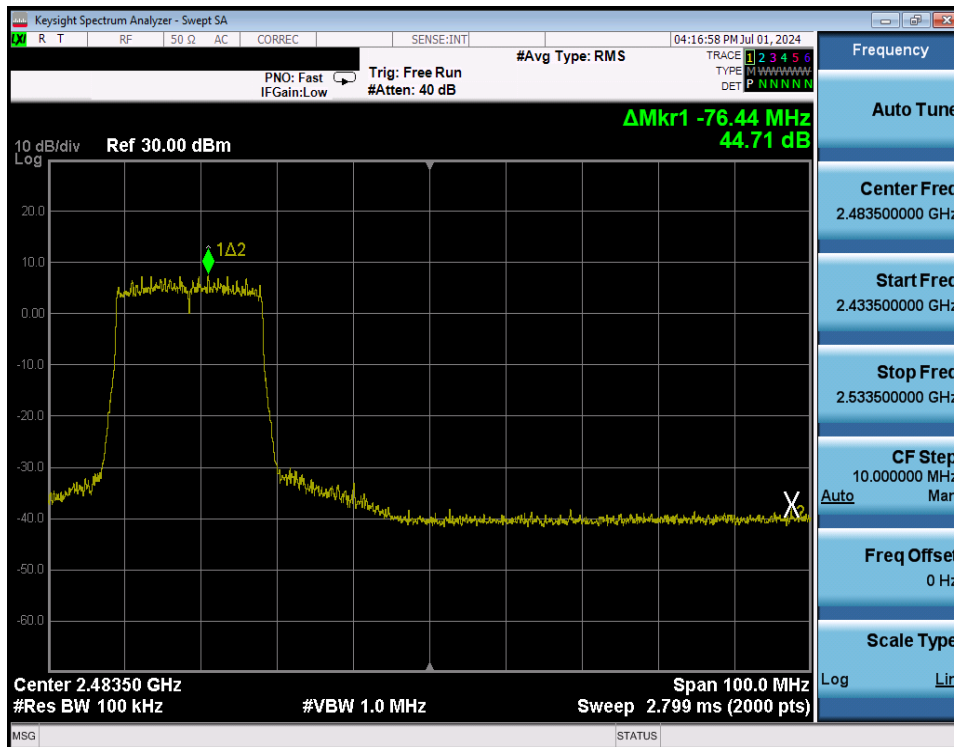


Plot 7-423. Band Edge Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 7) – MCS9

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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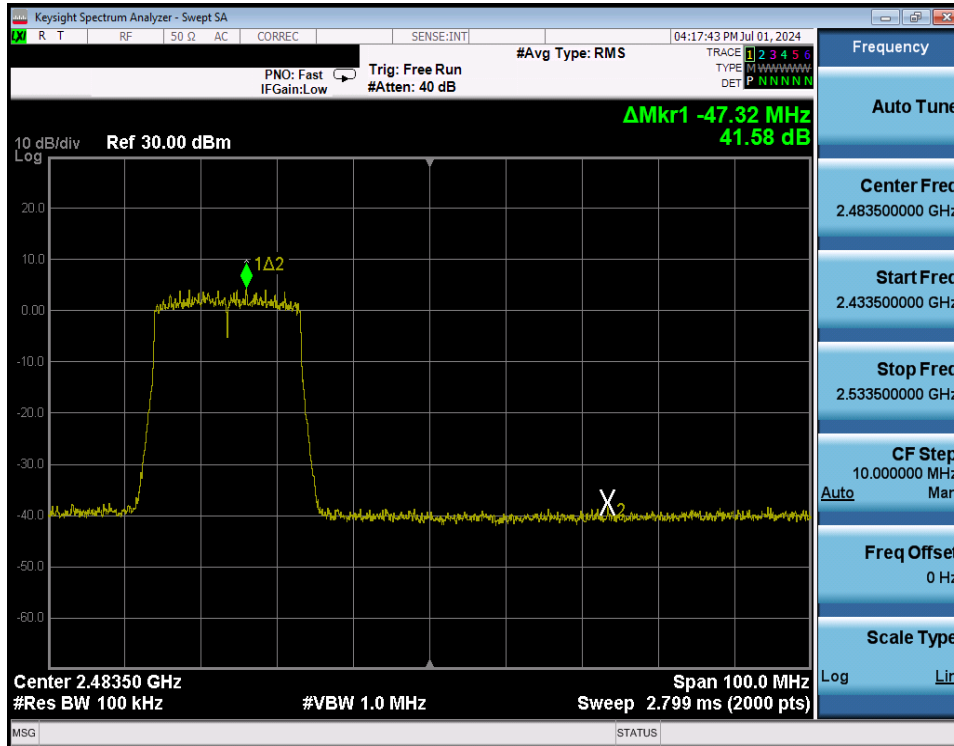


Plot 7-424. Band Edge Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 8) – MCS9

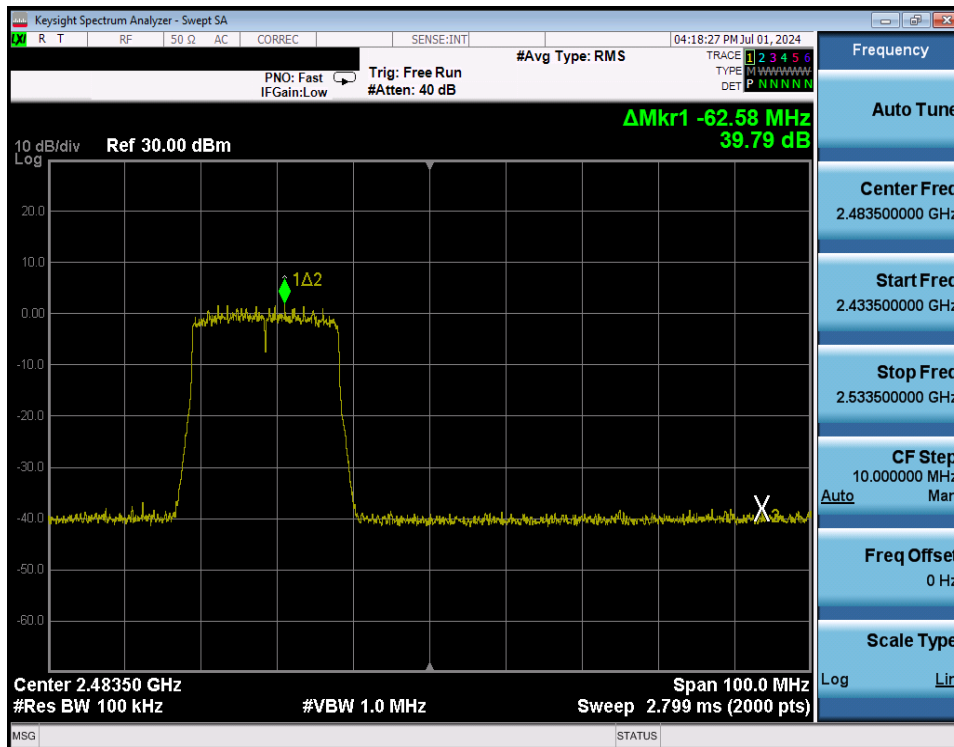


Plot 7-425. Band Edge Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 9) – MCS9

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 259 of 431

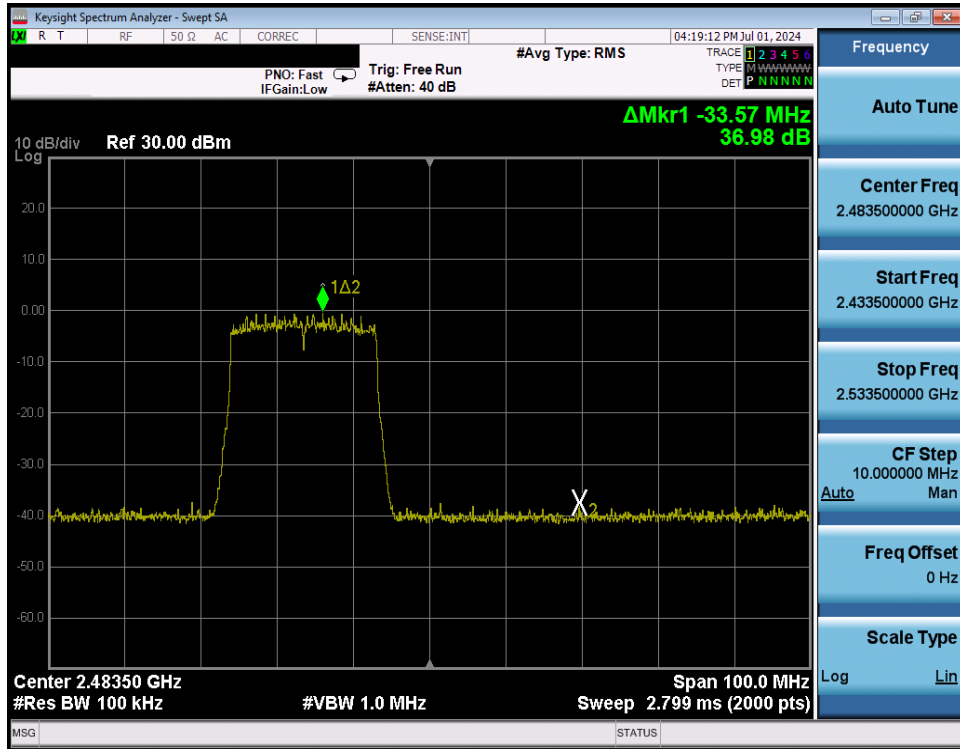


Plot 7-426. Band Edge Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 10) – MCS9



Plot 7-427. Band Edge Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 11) – MCS9

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-428. Band Edge Plot Antenna WF7 (802.11ax (SU - 2.4GHz) – Ch. 12) – MCS9

<b>FCC ID:</b> BCGA2993 <b>IC:</b> 579C-A2993		<b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2405200017-03-R1.BCG	<b>Test Dates:</b> 5/20/2024 - 7/01/2024	<b>EUT Type:</b> Tablet Device	Page 261 of 431

## 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 C63.10-2020 and KDB 558074 D01 v05r02.***

### Test Procedure Used

ANSI C63.10-2020 – Subclause 11.11.3  
 KDB 558074 D01 v05r02 – Section 8.5  
 ANSI C63.10-2020 – Subclause 14.5.3  
 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: BCGA2993 IC: 579C-A2993	 <b>MEASUREMENT REPORT (CERTIFICATION)</b>	<b>Approved by:</b> Technical Manager
<b>Test Report S/N:</b> 1C2405200017-03-R1.BCG		<b>Test Dates:</b> 5/20/2024 - 7/01/2024

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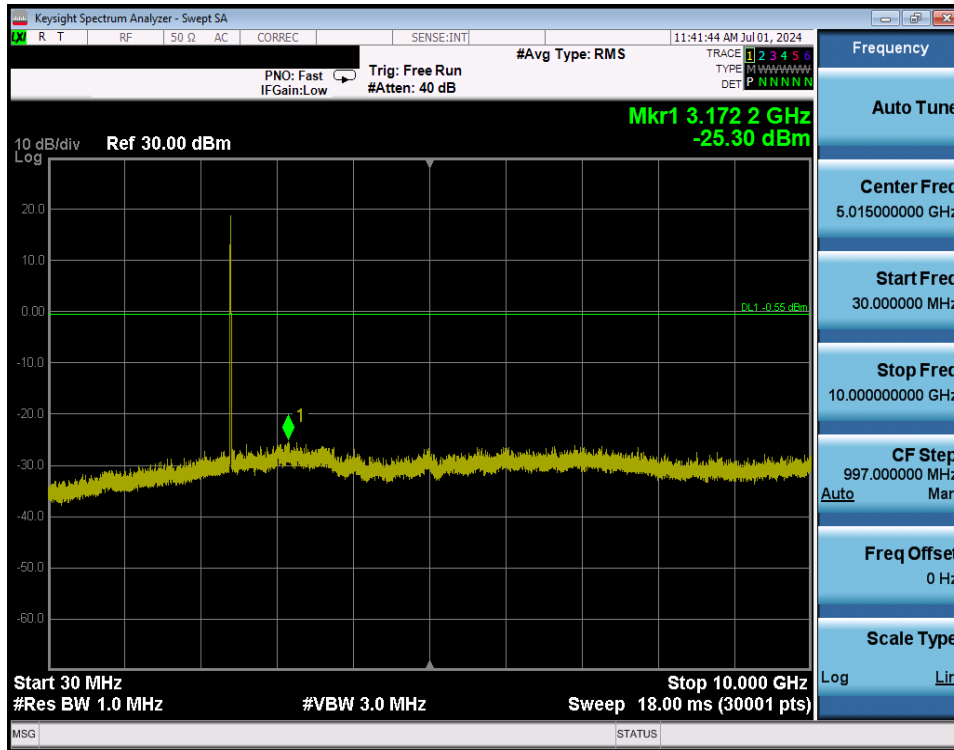


**Test Notes**

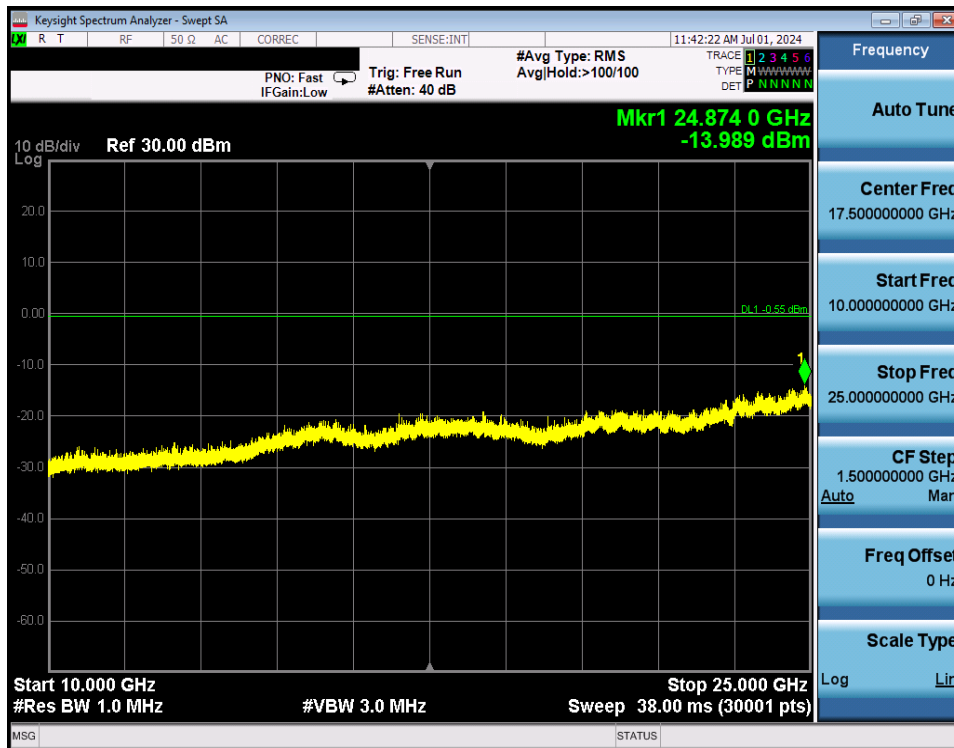
1. RBW was set to 1MHz rather than 100kHz in order to increase the measurement speed.
2. The display line shown in the following plots denotes the limit at 20dB below the fundamental emission level measured in a 100kHz bandwidth. However, since the traces in the following plots are measured with a 1MHz 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 C63.10-2020 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 WF8 Conducted Spurious Emission

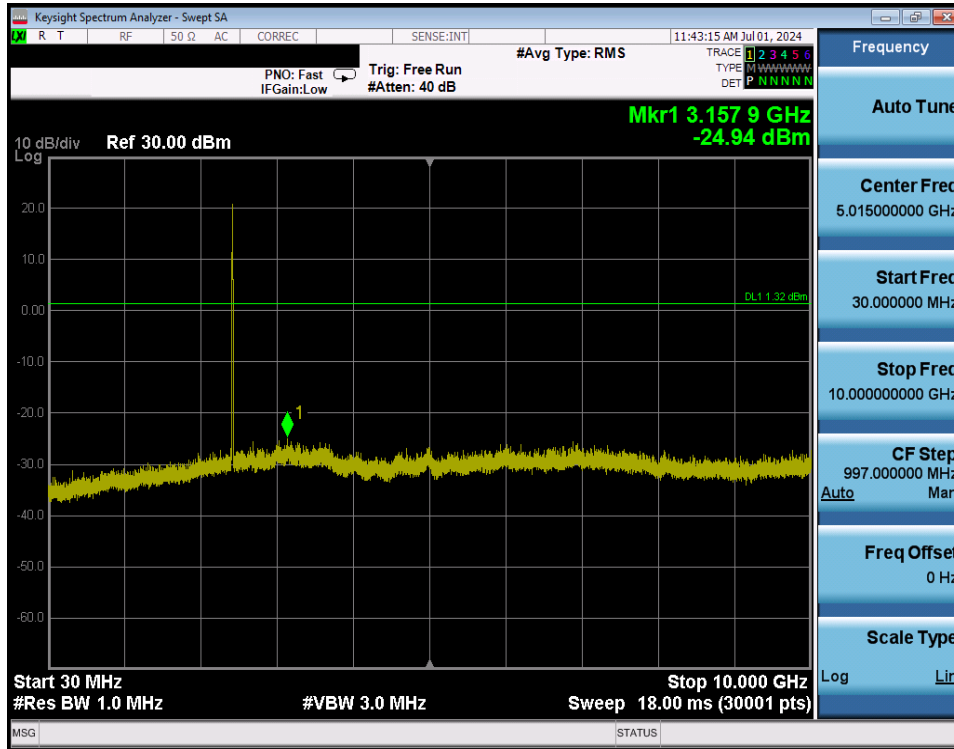


Plot 7-429. Conducted Spurious Plot Antenna WF8 (802.11b – Ch. 1)

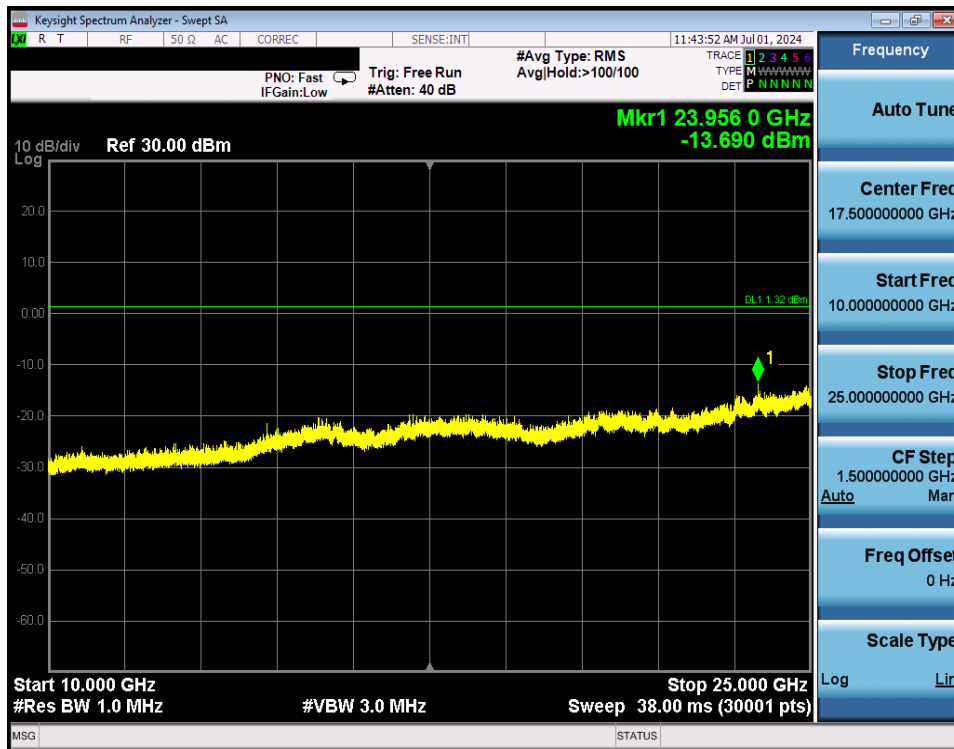


Plot 7-430. Conducted Spurious Plot Antenna WF8 (802.11b – Ch. 1)

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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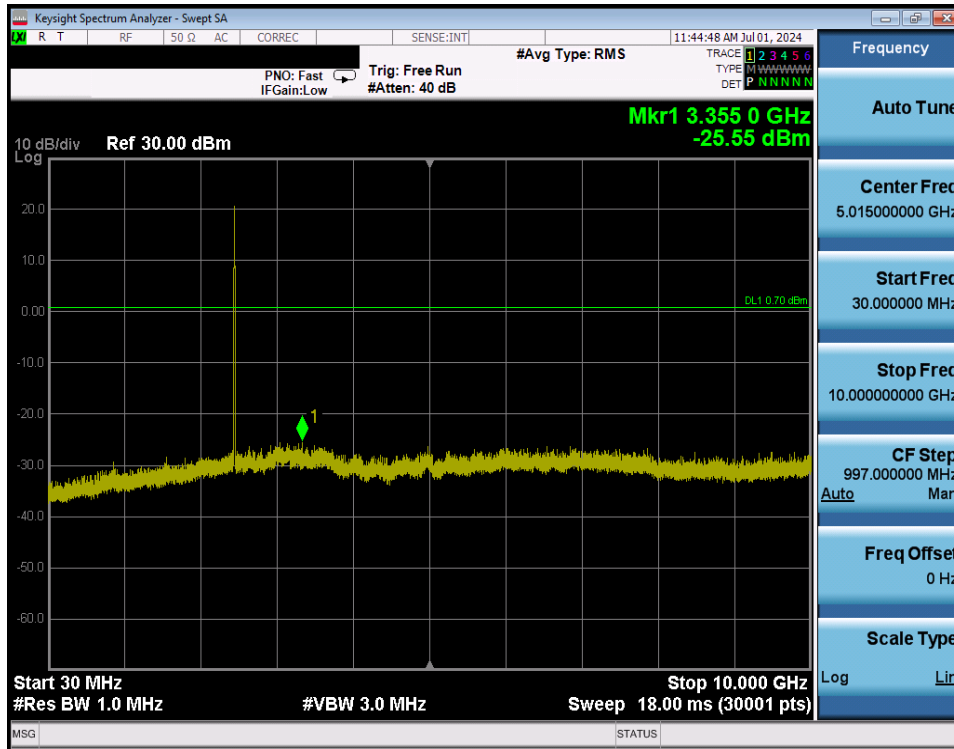


Plot 7-431. Conducted Spurious Plot Antenna WF8 (802.11b – Ch. 6)

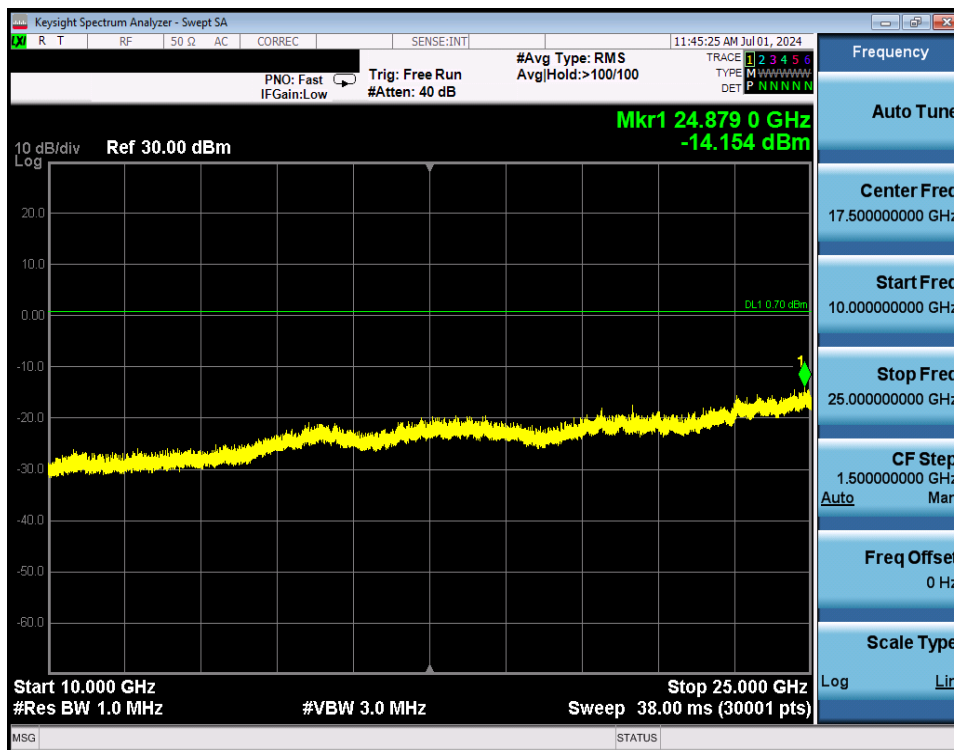


Plot 7-432. Conducted Spurious Plot Antenna WF8 (802.11b – Ch. 6)

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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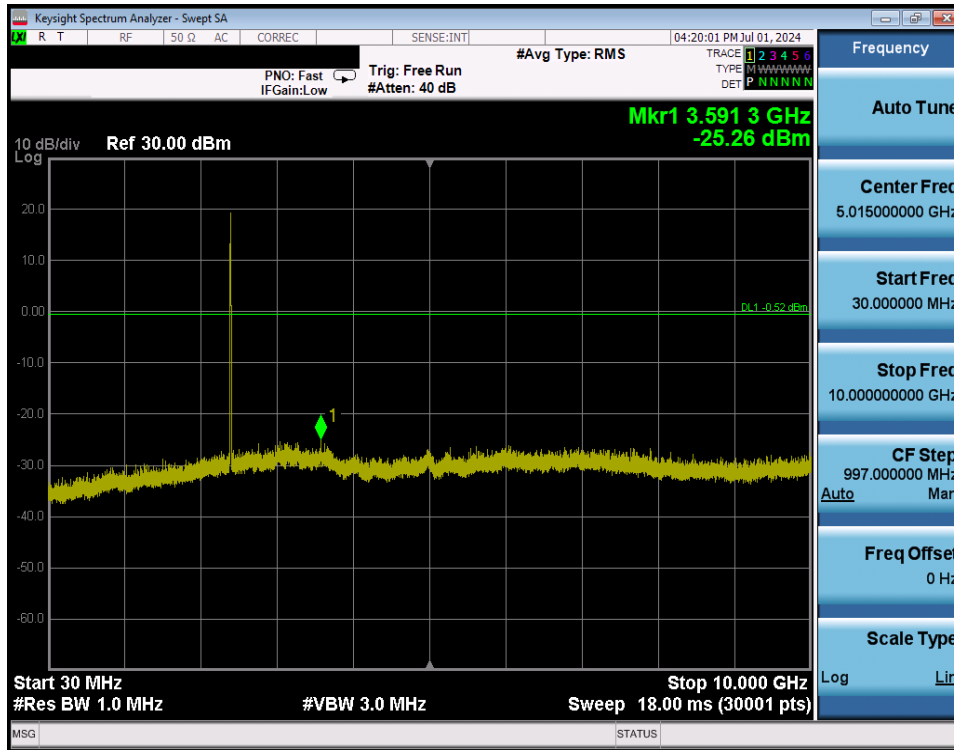
Plot 7-433. Conducted Spurious Plot Antenna WF8 (802.11b – Ch. 11)



Plot 7-434. Conducted Spurious Plot Antenna WF8 (802.11b – Ch. 11)

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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## 7.6.2 Antenna WF7 Conducted Spurious Emissions

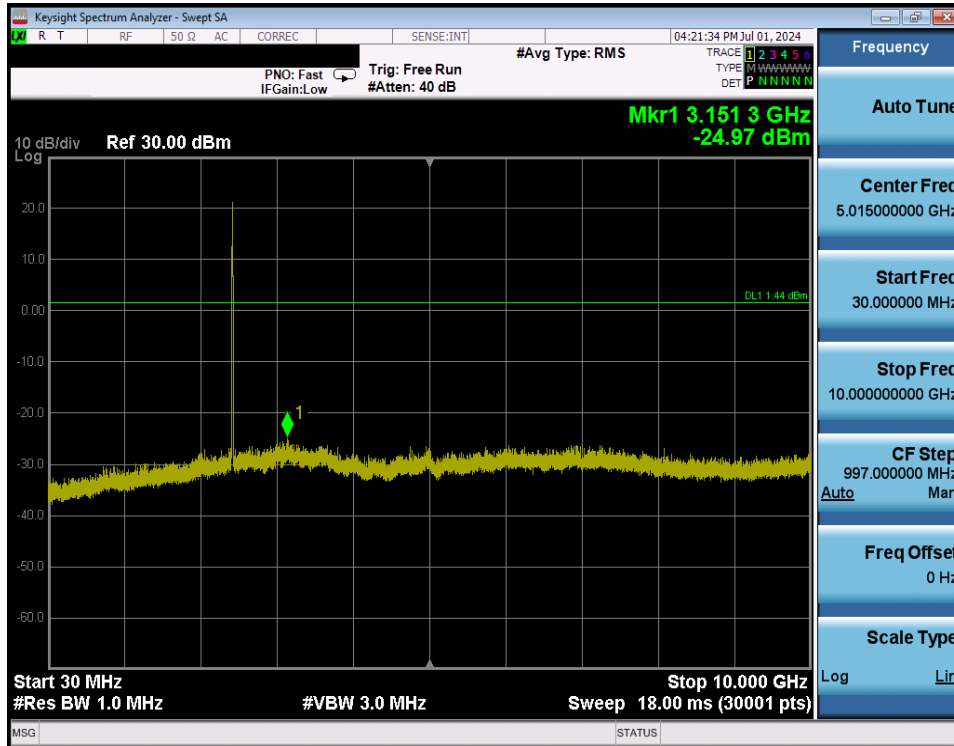


Plot 7-435. Conducted Spurious Plot Antenna WF7 (802.11b – Ch. 1)

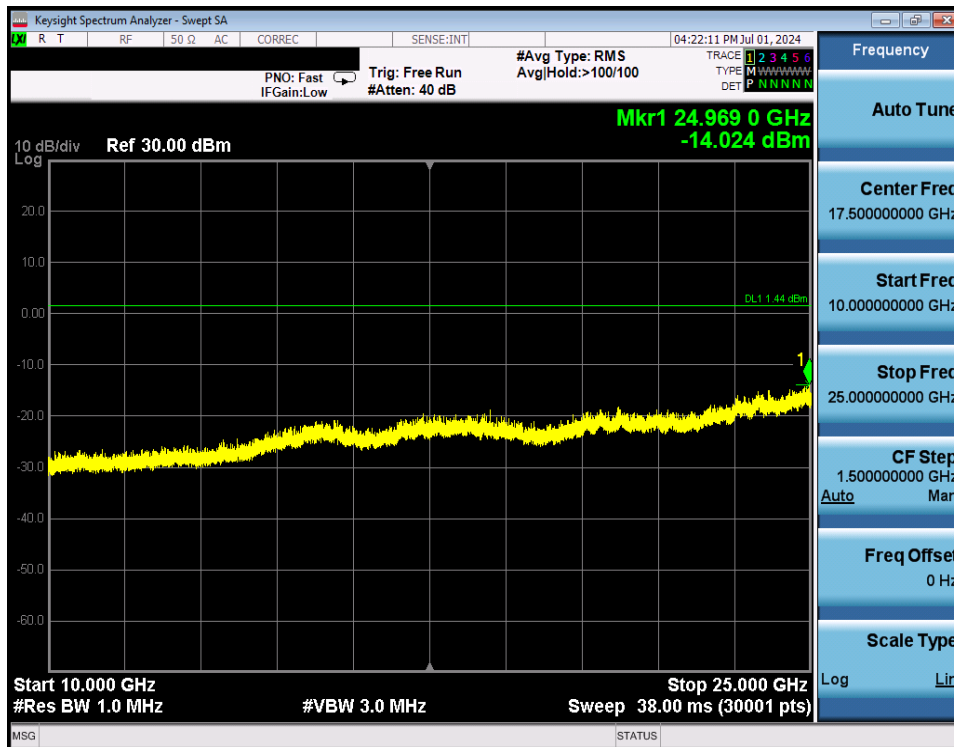


Plot 7-436. Conducted Spurious Plot Antenna WF7 (802.11b – Ch. 1)

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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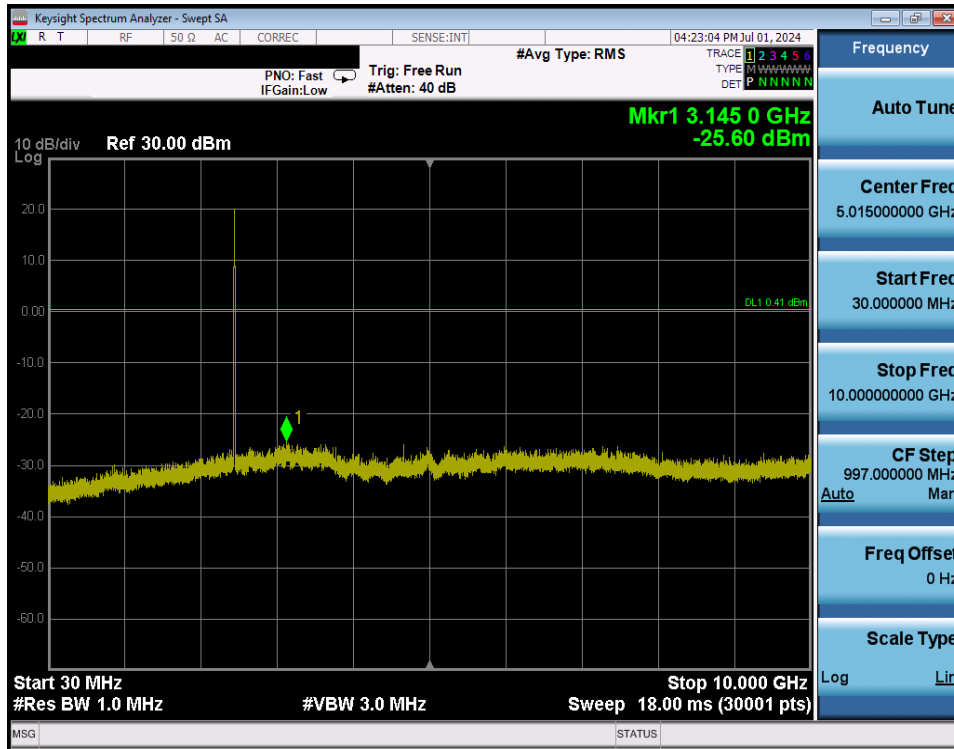


Plot 7-437. Conducted Spurious Plot Antenna WF7 (802.11b – Ch. 6)

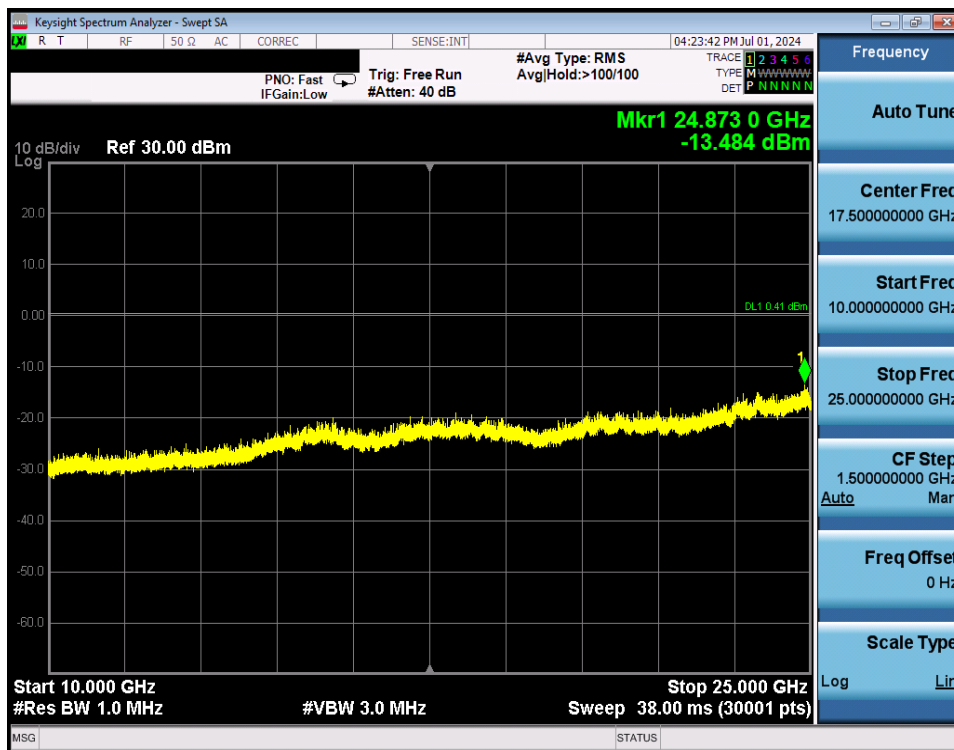


Plot 7-438. Conducted Spurious Plot Antenna WF7 (802.11b – Ch. 6)

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
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Plot 7-439. Conducted Spurious Plot Antenna WF7 (802.11b – Ch. 11)



Plot 7-440. Conducted Spurious Plot Antenna WF7 (802.11b – Ch. 11)

FCC ID: BCGA2993 IC: 579C-A2993		MEASUREMENT REPORT (CERTIFICATION)	Approved by: Technical Manager
Test Report S/N: 1C2405200017-03-R1.BCG	Test Dates: 5/20/2024 - 7/01/2024	EUT Type: Tablet Device	Page 269 of 431