



6.2 Occupied Channel Bandwidth (For reference)

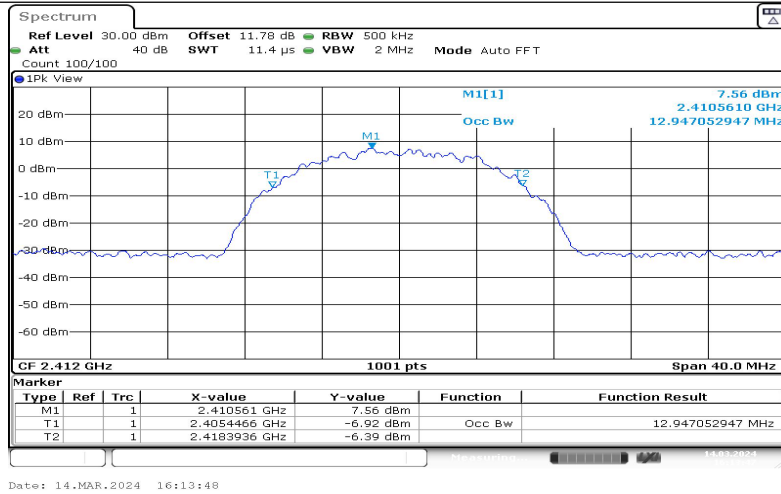
6.2.1 Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.947	2405.4466	2418.3936	---	---
11B	Ant1	2437	12.987	2430.4466	2443.4336	---	---
11B	Ant1	2462	12.987	2455.4865	2468.4735	---	---
11G	Ant1	2412	16.703	2403.5684	2420.2717	---	---
11G	Ant1	2437	16.703	2428.6084	2445.3117	---	---
11G	Ant1	2462	16.743	2453.5684	2470.3117	---	---
11N20SISO	Ant1	2412	17.423	2403.2488	2420.6713	---	---
11N20SISO	Ant1	2437	17.502	2428.2488	2445.7512	---	---
11N20SISO	Ant1	2462	17.502	2453.2488	2470.7512	---	---
11N40SISO	Ant1	2422	35.005	2404.4975	2439.5025	---	---
11N40SISO	Ant1	2437	34.925	2419.5774	2454.5025	---	---
11N40SISO	Ant1	2452	35.005	2434.4975	2469.5025	---	---

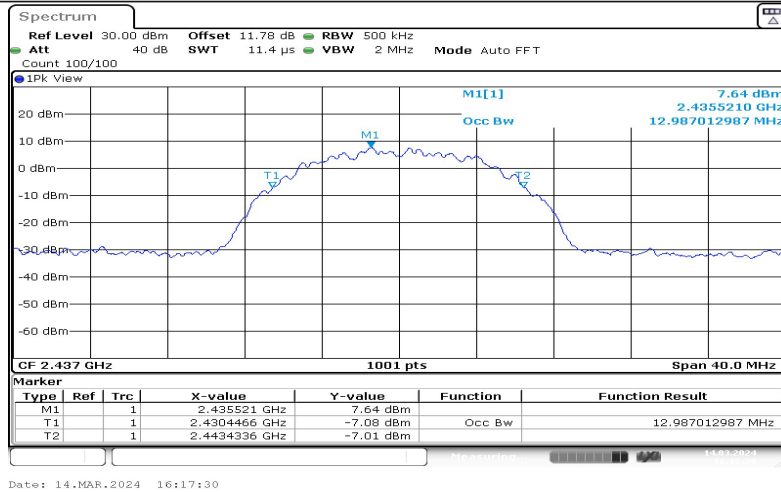
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.035	2401.4685	2402.5035	---	---
BLE_1M	Ant1	2440	1.047	2439.4605	2440.5075	---	---
BLE_1M	Ant1	2480	1.051	2479.4605	2480.5115	---	---



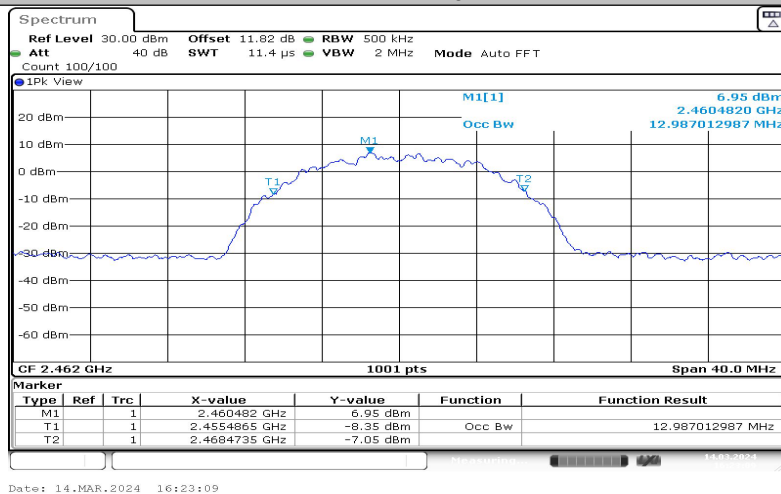
6.2.2 Test Graphs



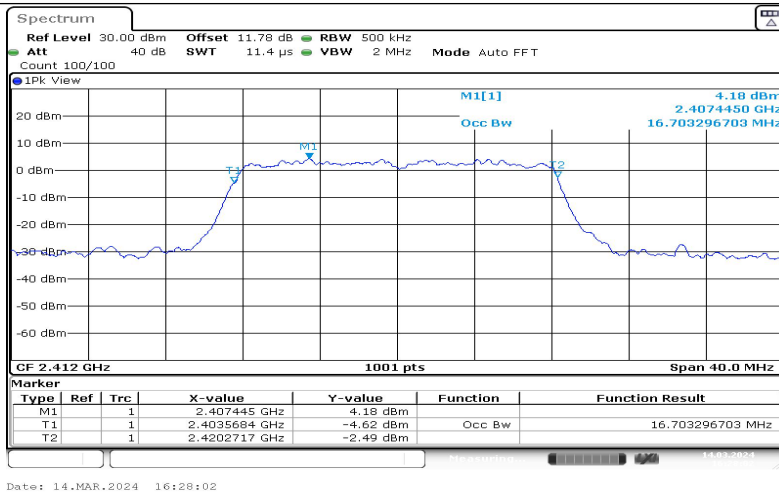
11B-Ant1-2412



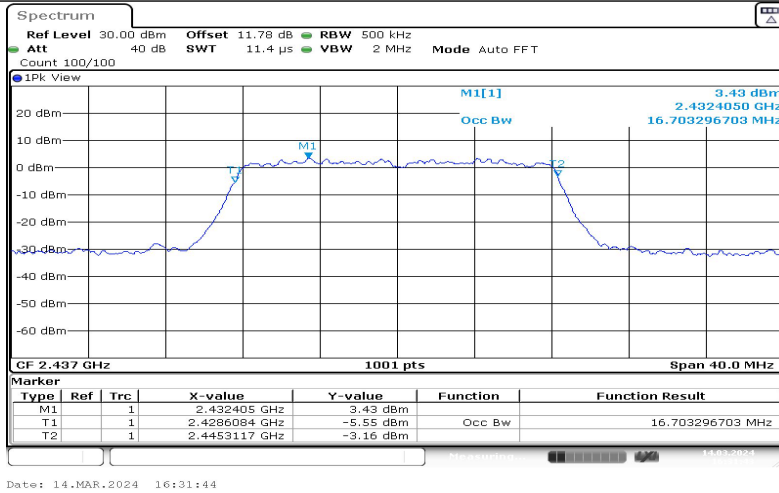
11B-Ant1-2437



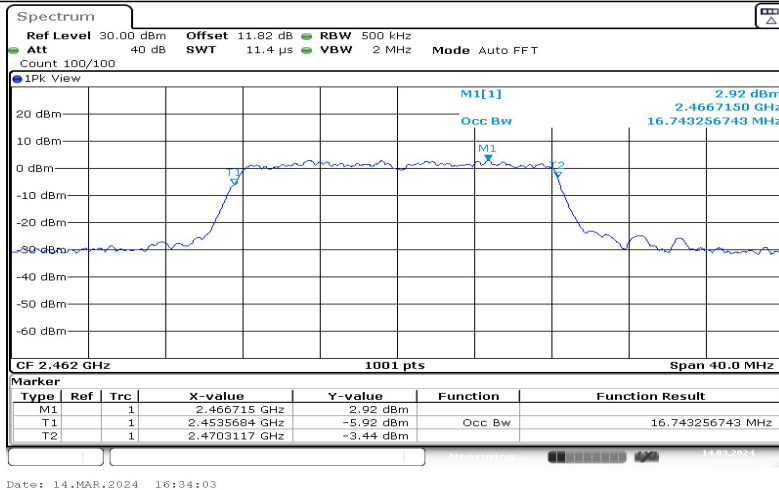
11B-Ant1-2462



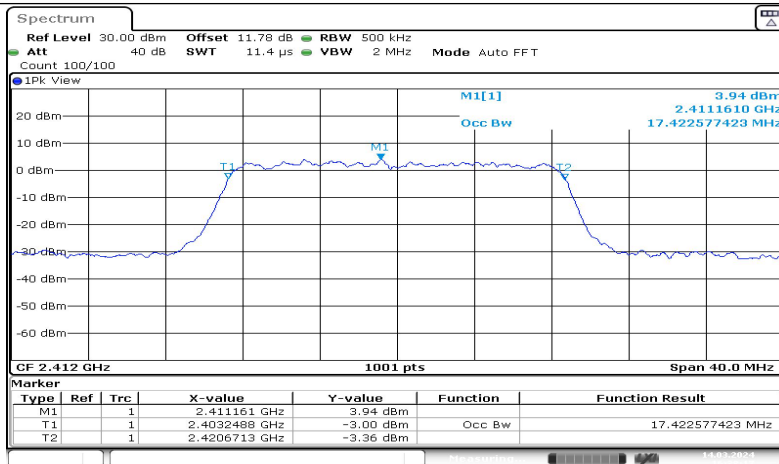
11G-Ant1-2412



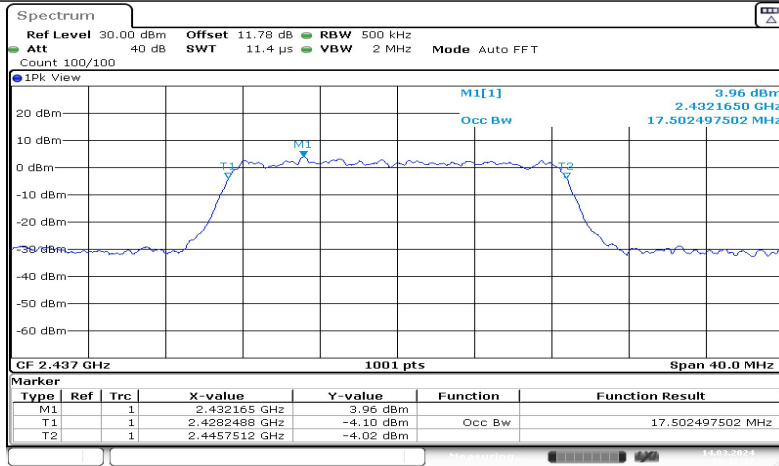
11G-Ant1-2437



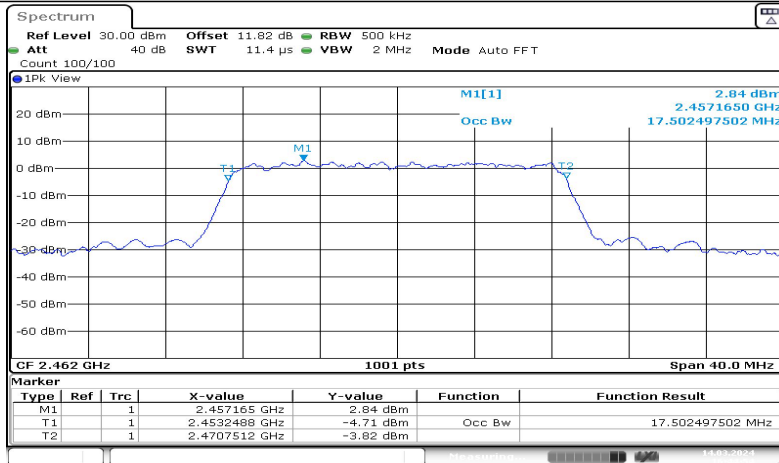
11G-Ant1-2462



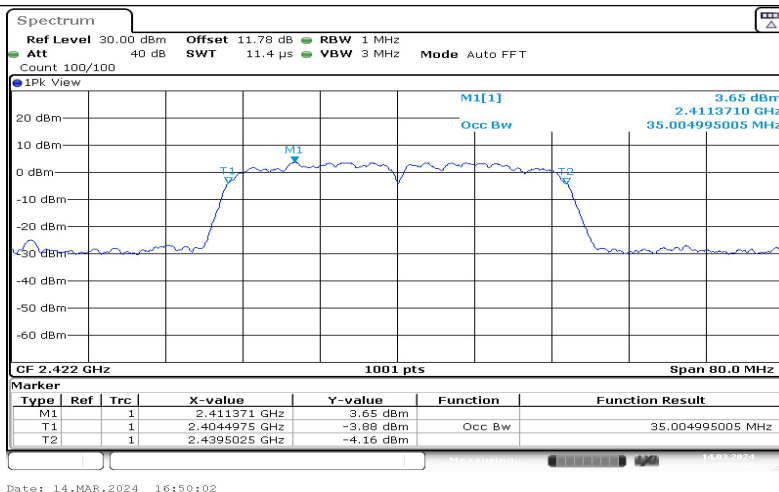
11N20SISO-Ant1-2412



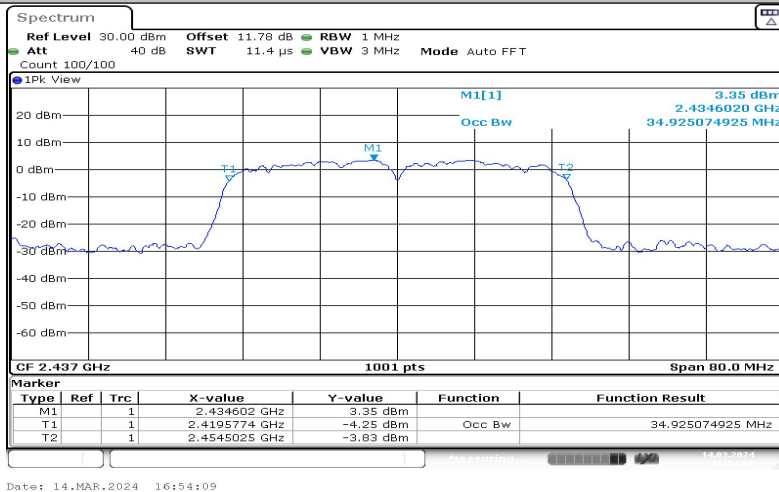
11N20SISO-Ant1-2437



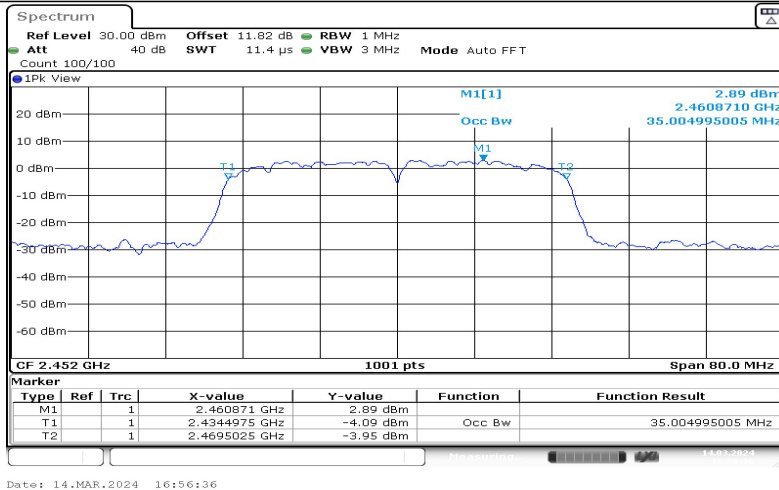
11N20SISO-Ant1-2462



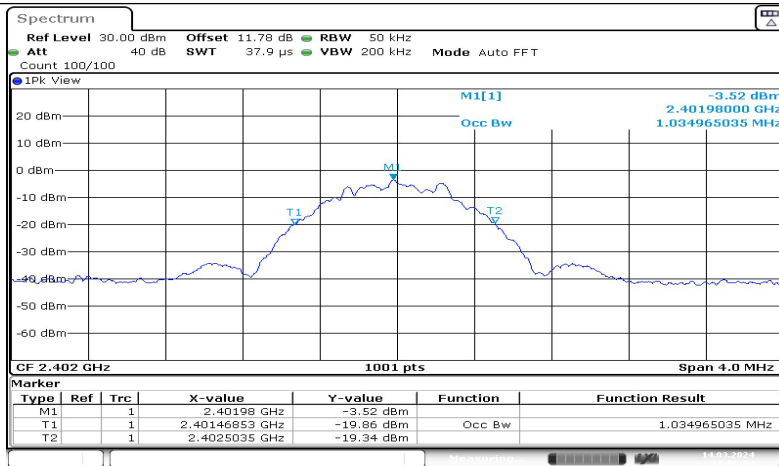
11N40SISO-Ant1-2422



11N40SISO-Ant1-2437

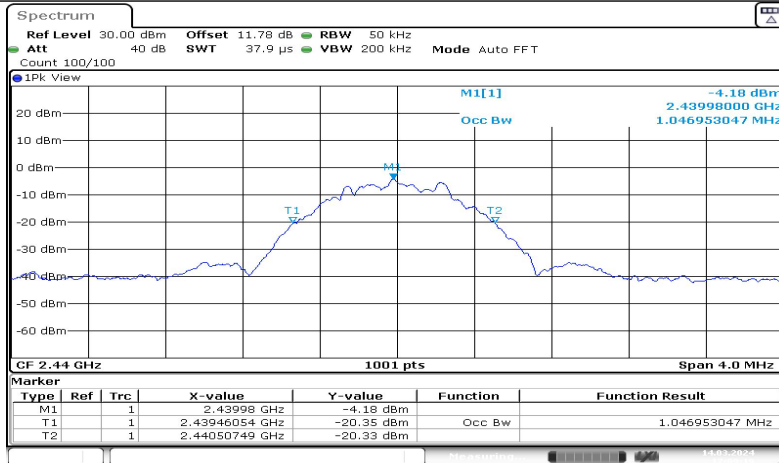


11N40SISO-Ant1-2452



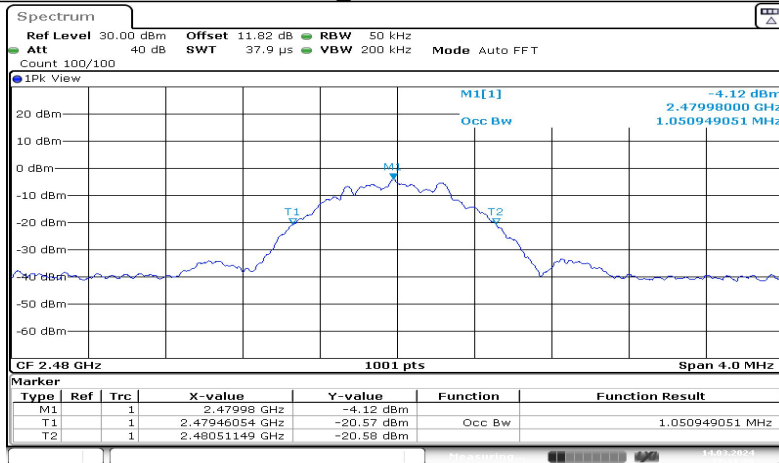
Date: 14.MAR.2024 17:05:54

BLE_1M-Ant1-2402



Date: 14.MAR.2024 17:09:19

BLE_1M-Ant1-2440



Date: 14.MAR.2024 17:11:29

BLE_1M-Ant1-2480



6.3 Conducted Output Power

6.3.1 Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	17.46	≤30.00	3.76	21.22	≤36.00	PASS
11B	Ant1	2437	17.39	≤30.00	3.76	21.15	≤36.00	PASS
11B	Ant1	2462	16.74	≤30.00	3.76	20.50	≤36.00	PASS
11G	Ant1	2412	18.45	≤30.00	3.76	22.21	≤36.00	PASS
11G	Ant1	2437	17.81	≤30.00	3.76	21.57	≤36.00	PASS
11G	Ant1	2462	17.34	≤30.00	3.76	21.10	≤36.00	PASS
11N20SISO	Ant1	2412	18.44	≤30.00	3.76	22.20	≤36.00	PASS
11N20SISO	Ant1	2437	18.15	≤30.00	3.76	21.91	≤36.00	PASS
11N20SISO	Ant1	2462	17.47	≤30.00	3.76	21.23	≤36.00	PASS
11N40SISO	Ant1	2422	17.69	≤30.00	3.76	21.45	≤36.00	PASS
11N40SISO	Ant1	2437	17.26	≤30.00	3.76	21.02	≤36.00	PASS
11N40SISO	Ant1	2452	17.06	≤30.00	3.76	20.82	≤36.00	PASS

Test Mode	Antenna	Frequency[MHz]	Conducted Sensor power[dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
BLE_1M	Ant1	2402	-2.07	≤30.00	3.76	2.47	≤36.00	PASS
BLE_1M	Ant1	2440	-2.12	≤30.00	3.76	1.64	≤36.00	PASS
BLE_1M	Ant1	2480	-2.47	≤30.00	3.76	1.29	≤36.00	PASS



6.4 Power Spectral Density Measurement

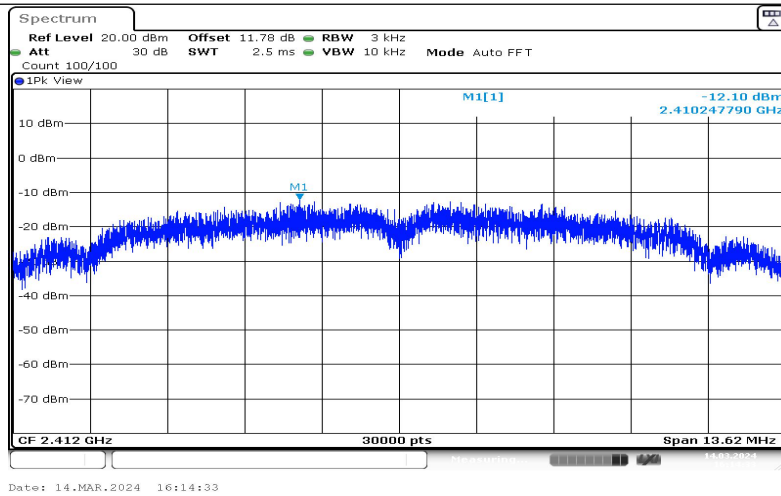
6.4.1 Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-12.10	≤8.00	PASS
11B	Ant1	2437	-12.23	≤8.00	PASS
11B	Ant1	2462	-12.89	≤8.00	PASS
11G	Ant1	2412	-17.66	≤8.00	PASS
11G	Ant1	2437	-18.32	≤8.00	PASS
11G	Ant1	2462	-18.84	≤8.00	PASS
11N20SISO	Ant1	2412	-16.99	≤8.00	PASS
11N20SISO	Ant1	2437	-17.45	≤8.00	PASS
11N20SISO	Ant1	2462	-17.92	≤8.00	PASS
11N40SISO	Ant1	2422	-18.82	≤8.00	PASS
11N40SISO	Ant1	2437	-19.08	≤8.00	PASS
11N40SISO	Ant1	2452	-19.19	≤8.00	PASS

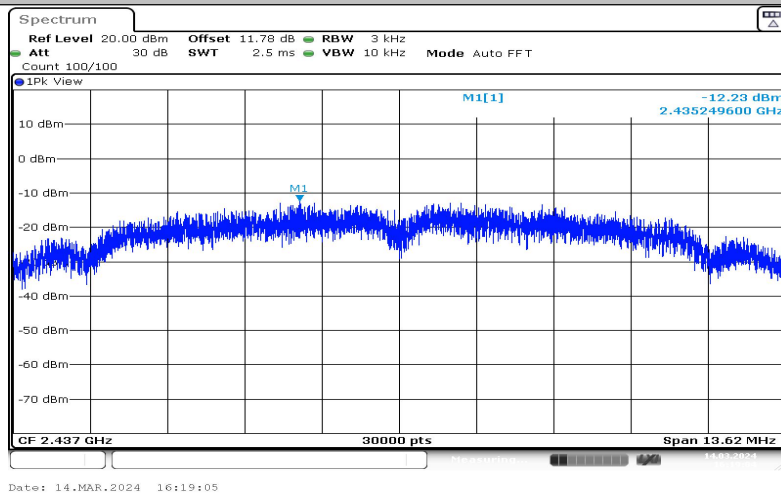
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-18.55	≤8.00	PASS
BLE_1M	Ant1	2440	-19.22	≤8.00	PASS
BLE_1M	Ant1	2480	-19.08	≤8.00	PASS



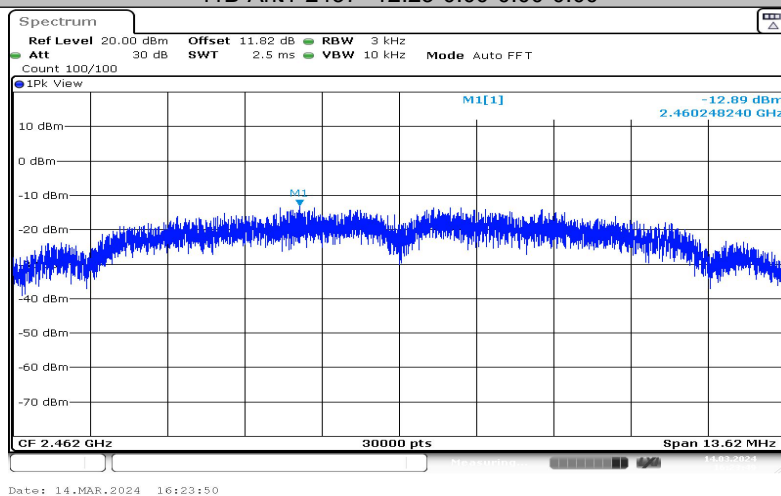
6.4.2 Test Graphs



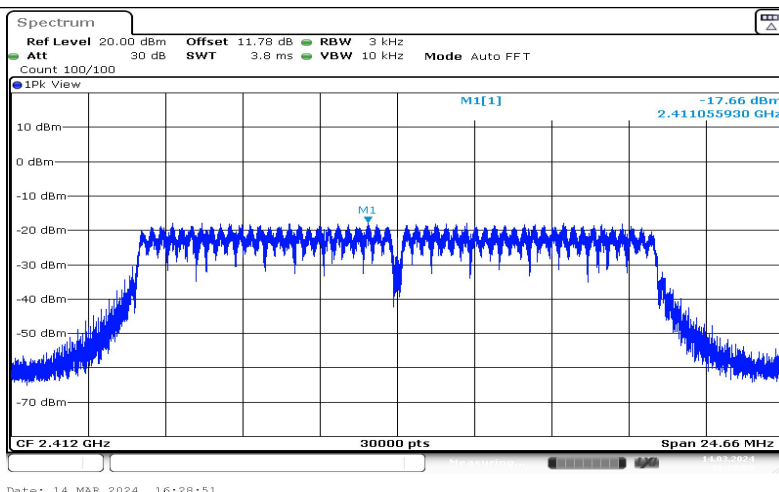
11B-Ant1-2412--12.1-0.00-0.00-0.00



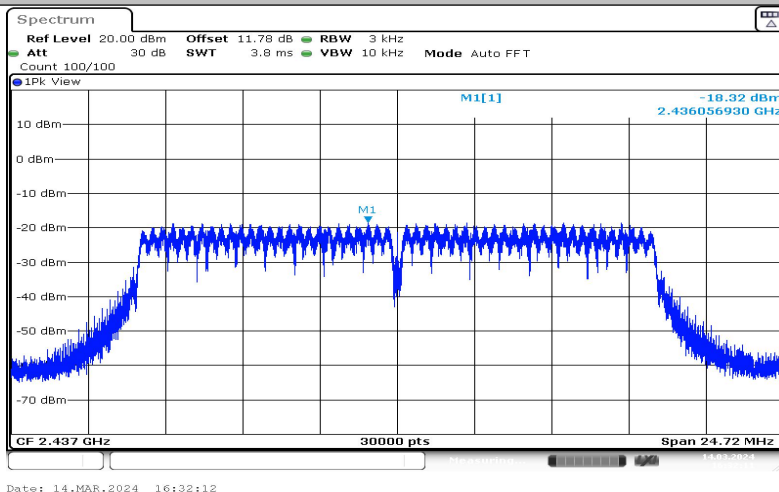
11B-Ant1-2437--12.23-0.00-0.00-0.00



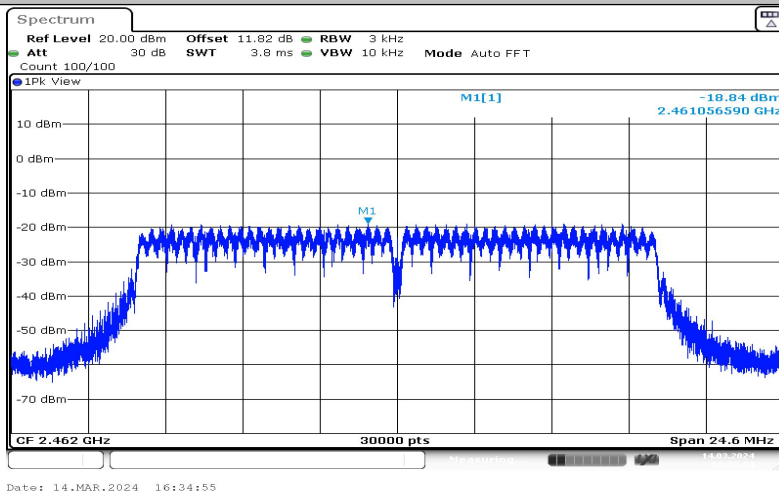
11B-Ant1-2462--12.89-0.00-0.00-0.00



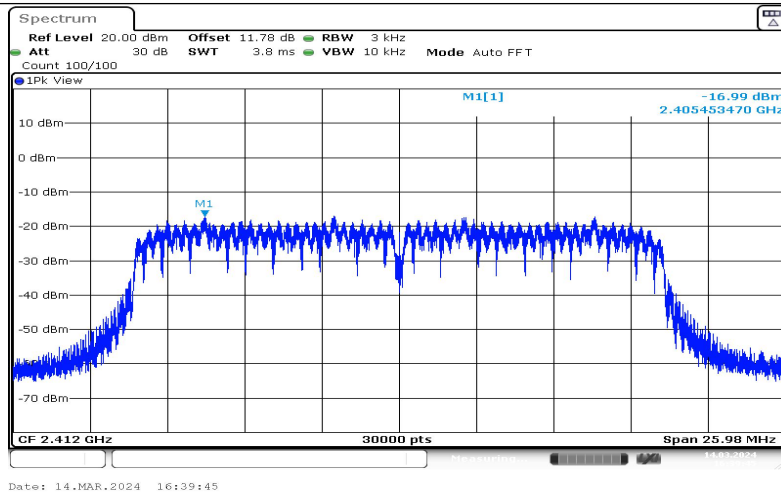
11G-Ant1-2412--17.66-0.00-0.00-0.00



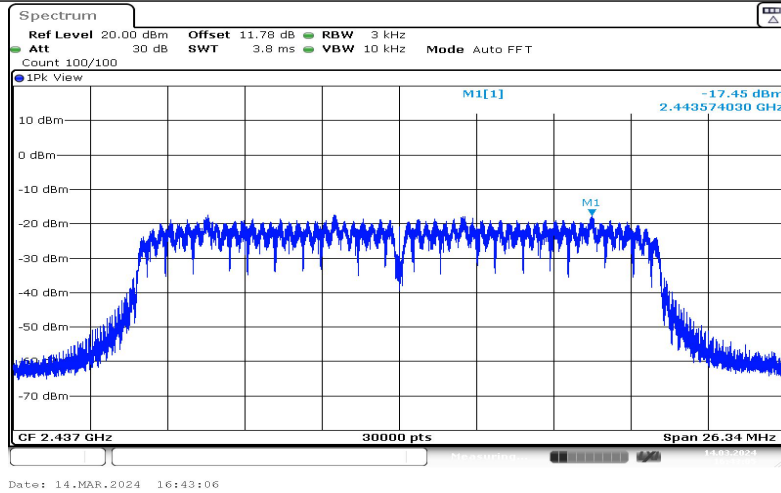
11G-Ant1-2437--18.32-0.00-0.00-0.00



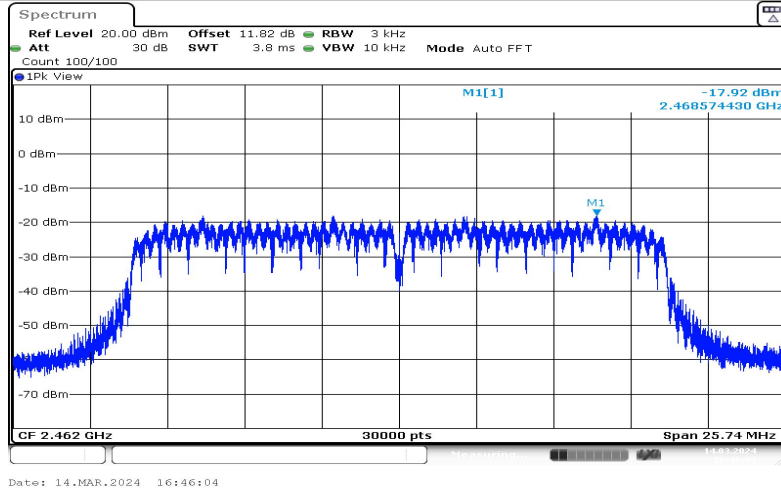
11G-Ant1-2462--18.84-0.00-0.00-0.00



11N20SISO-Ant1-2412--16.99-0.00-0.00-0.00



11N20SISO-Ant1-2437--17.45-0.00-0.00-0.00



11N20SISO-Ant1-2462--17.92-0.00-0.00-0.00