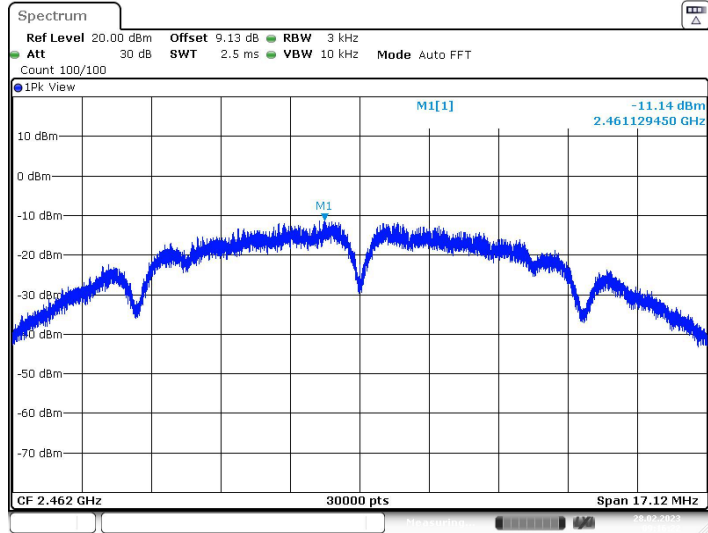
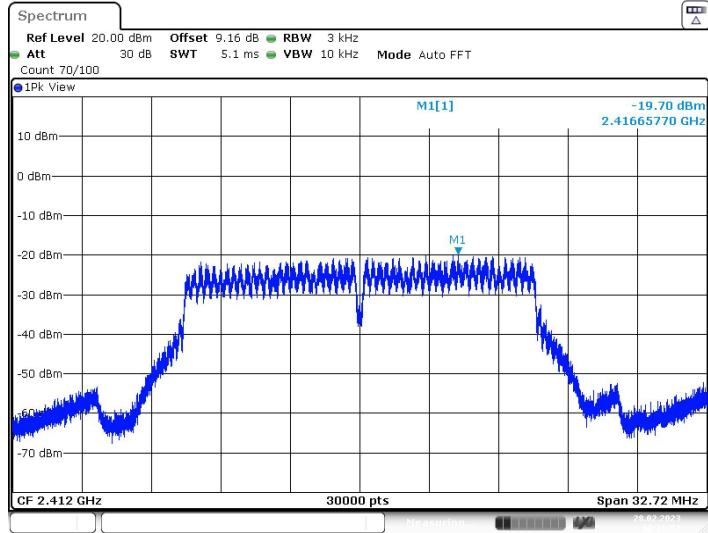


11B_Ant1_2462



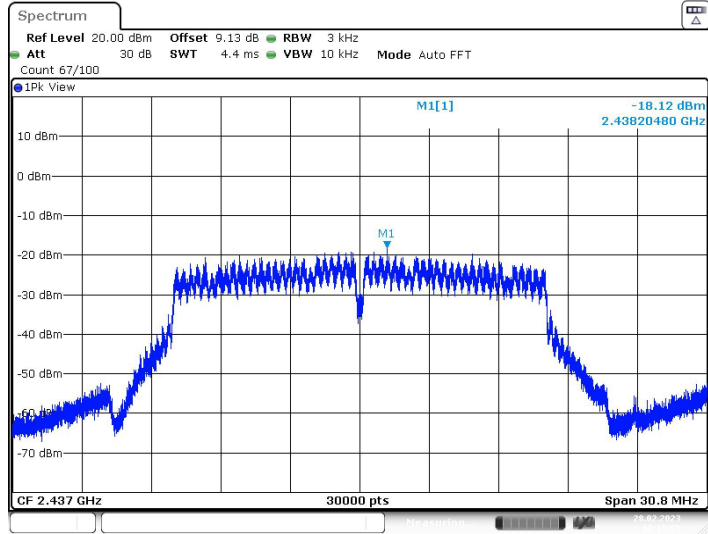
Date: 28.FEB.2023 09:16:21

11G_Ant1_2412

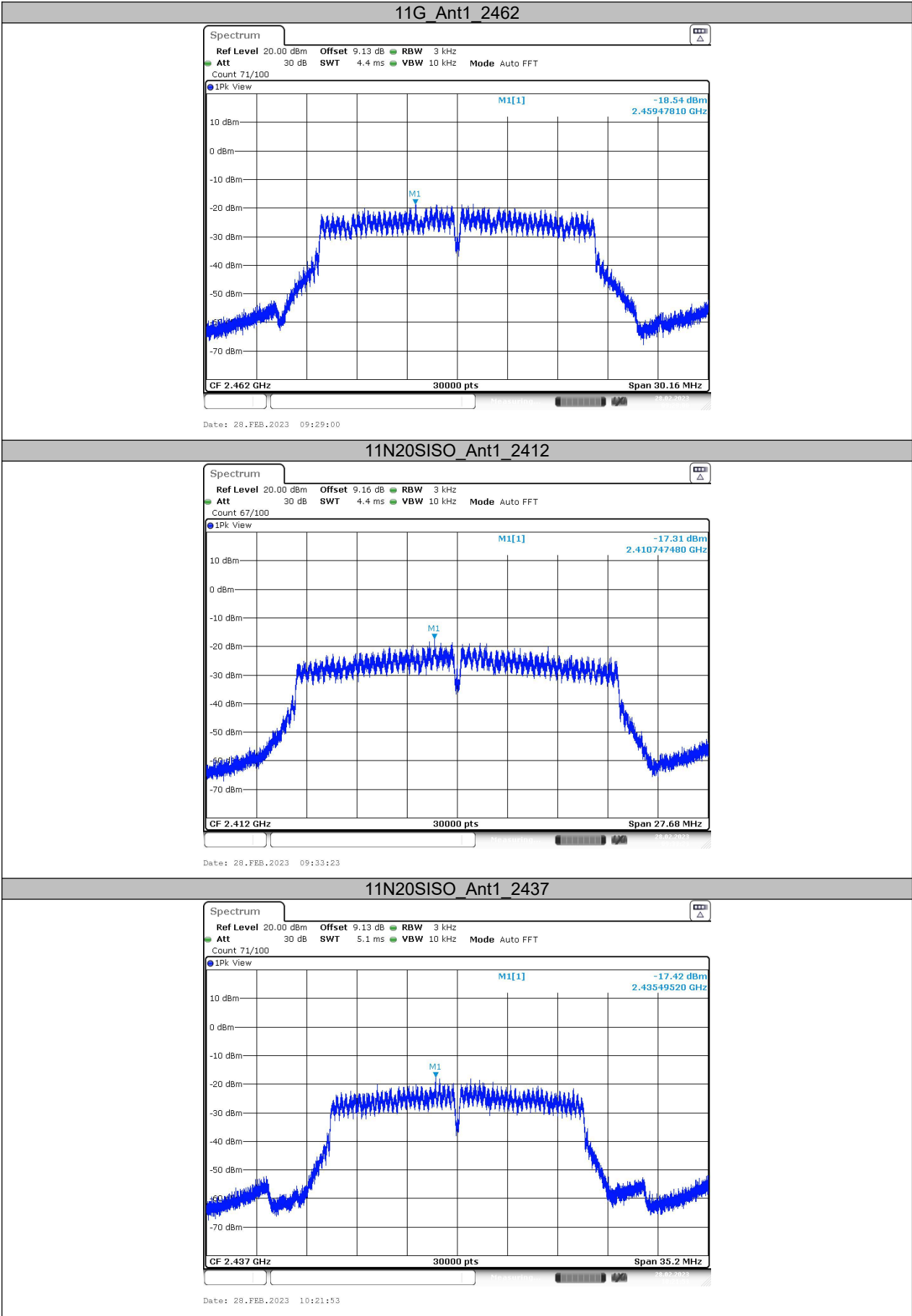


Date: 28.FEB.2023 10:16:52

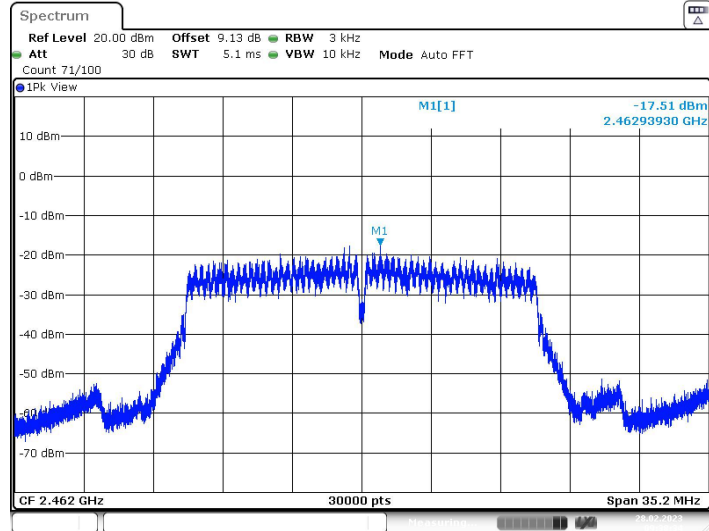
11G_Ant1_2437



Date: 28.FEB.2023 10:19:54

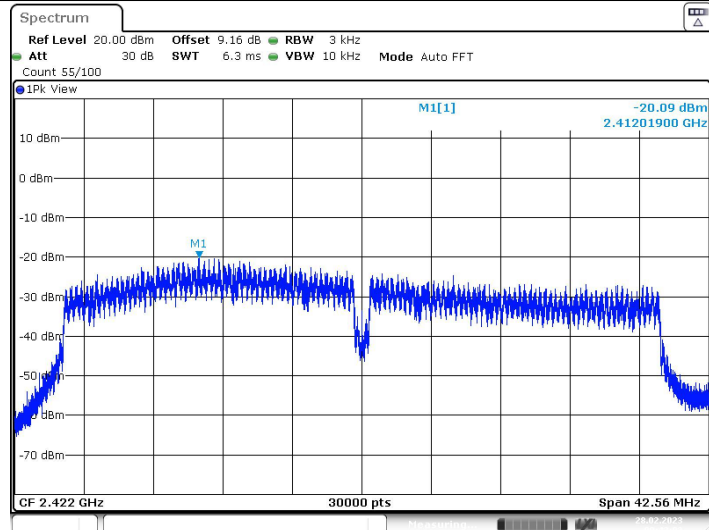


11N20SISO_Ant1_2462



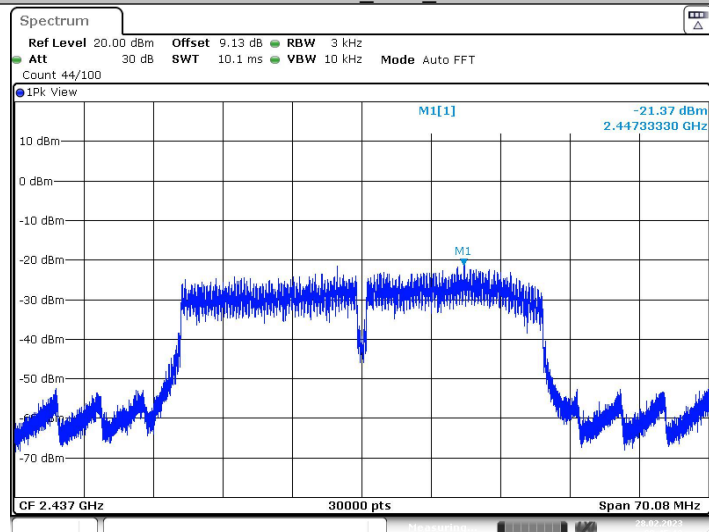
Date: 28.FEB.2023 09:38:34

11N40SISO_Ant1_2422

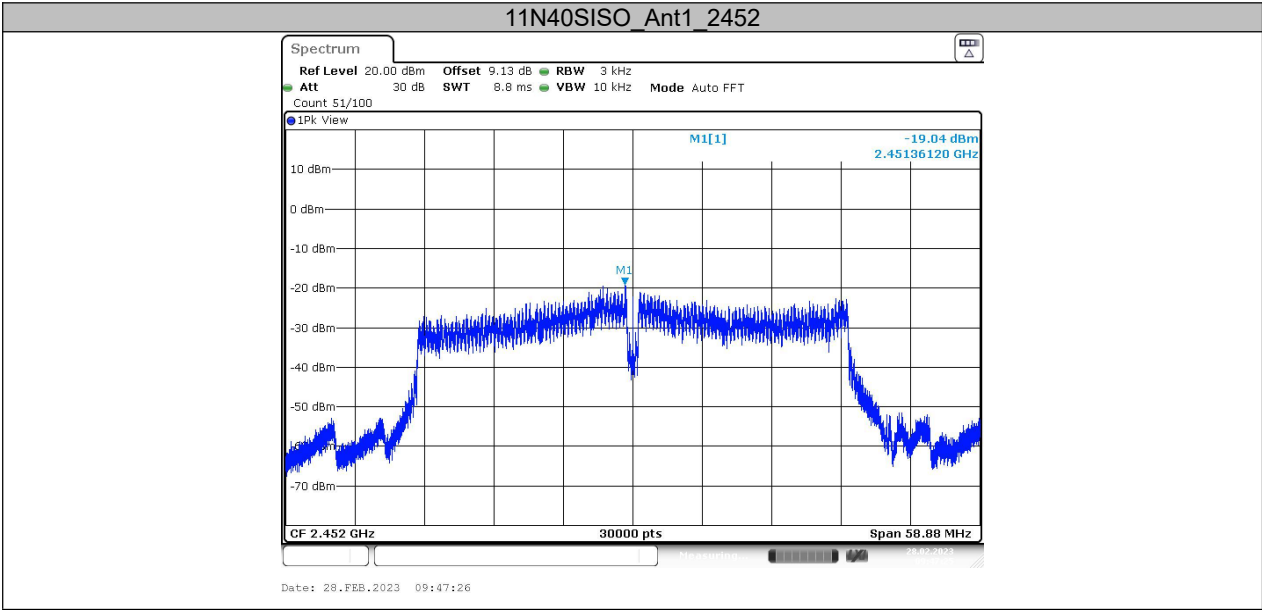


Date: 28.FEB.2023 09:42:03

11N40SISO_Ant1_2437



Date: 28.FEB.2023 09:45:12



7. BANDWIDTH

7.1. Test limits

Please refer RSS-247 & FCC PART 15: 15.247

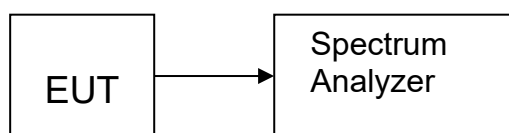
For direct sequence systems, the minimum 6dB bandwidth shall be at least 500 kHz.

7.2. Test Procedure

Details see the KDB558074 D01 Meas Guidance v05r02

- a) The bandwidth is measured at an amplitude level reduced 6dB from the reference level. The reference level is the level of the highest amplitude signal observed from the transmitter at the fundamental frequency. Once the reference level is established, the equipment is conditioned with typical modulating signal to produce the worst-case (i.e. the widest) bandwidth.
- b) The test receiver set RBW = 100kHz, VBW $\geq$ 3*RBW =300kHz,, Peak Detector, Sweep time set auto, detail see the test plot.

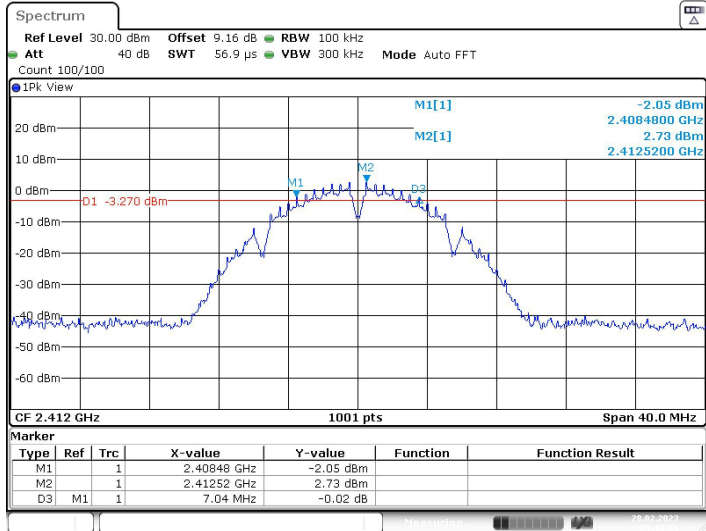
7.3. Test Setup



7.4. Test Results

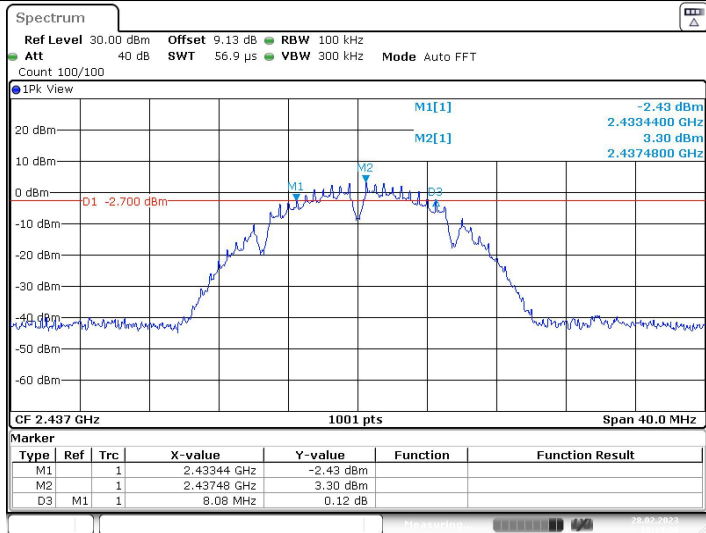
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.04	2408.48	2415.52	0.5	PASS
		2437	8.08	2433.44	2441.52	0.5	PASS
		2462	8.56	2457.48	2466.04	0.5	PASS
11G	Ant1	2412	16.36	2403.84	2420.20	0.5	PASS
		2437	15.40	2429.12	2444.52	0.5	PASS
		2462	15.08	2454.44	2469.52	0.5	PASS
11N20SISO	Ant1	2412	13.84	2404.44	2418.28	0.5	PASS
		2437	17.60	2428.20	2445.80	0.5	PASS
		2462	17.60	2453.20	2470.80	0.5	PASS
11N40SISO	Ant1	2422	21.28	2406.96	2428.24	0.5	PASS
		2437	35.04	2419.48	2454.52	0.5	PASS
		2452	29.44	2440.72	2470.16	0.5	PASS

11B_Ant1_2412



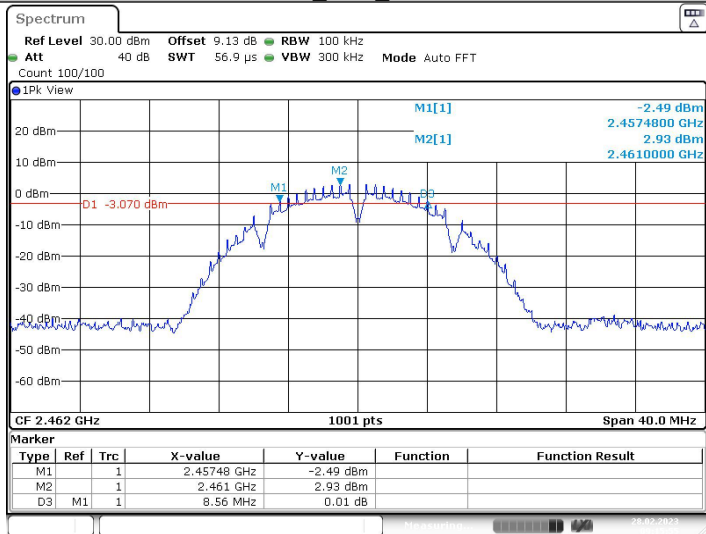
Date: 28.FEB.2023 09:10:05

11B_Ant1_2437



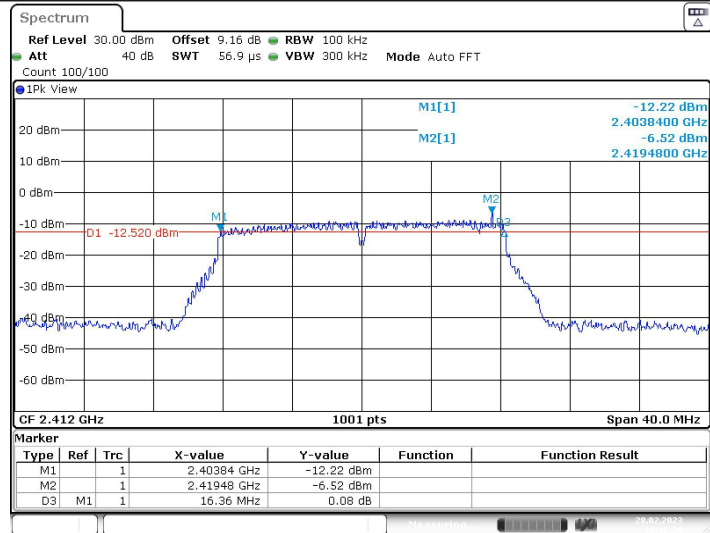
Date: 28.FEB.2023 10:14:00

11B_Ant1_2462

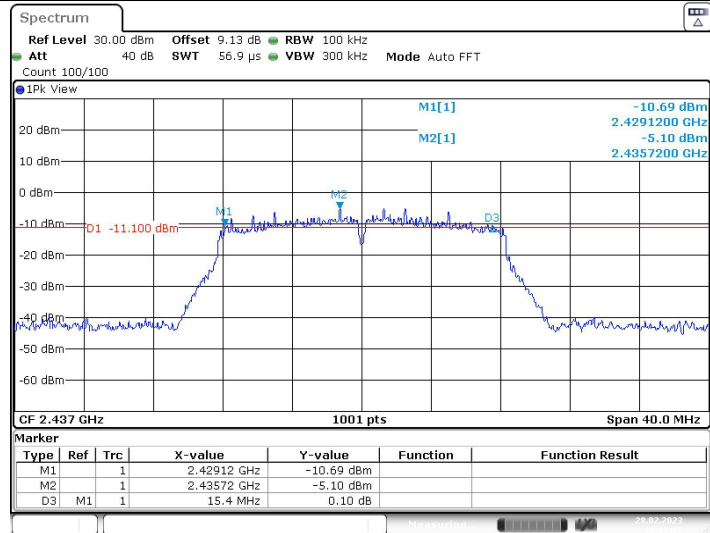


Date: 28.FEB.2023 09:15:55

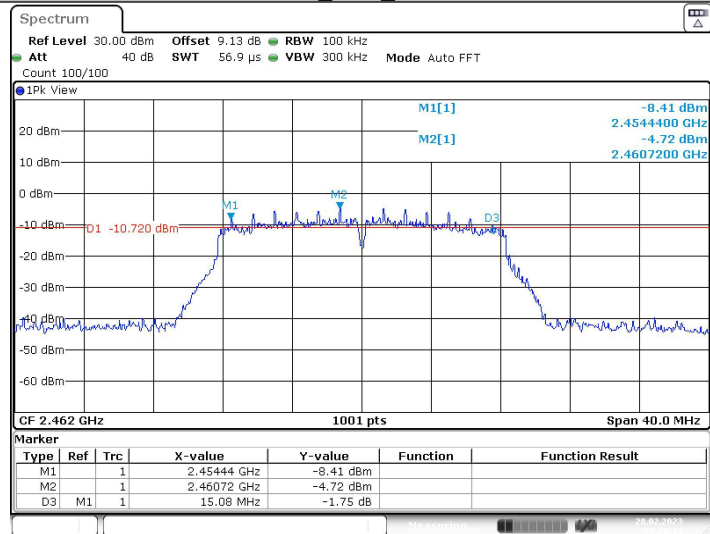
11G_Ant1_2412



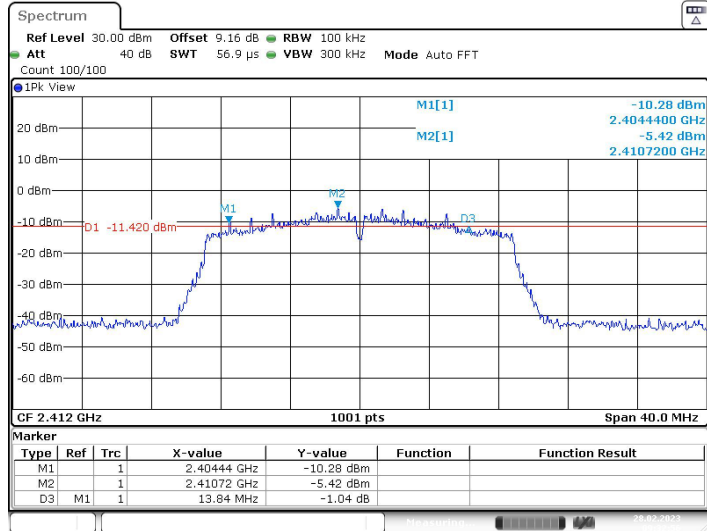
11G_Ant1_2437



11G_Ant1_2462

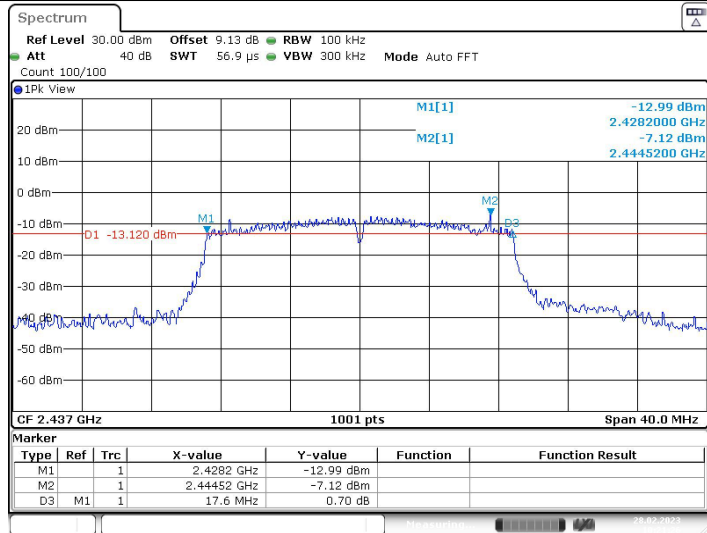


11N20SISO_Ant1_2412



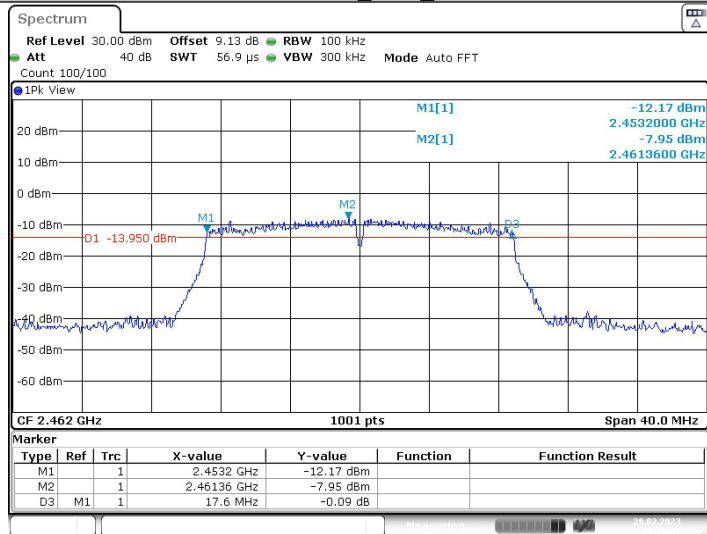
Date: 28.FEB.2023 09:32:56

11N20SISO_Ant1_2437



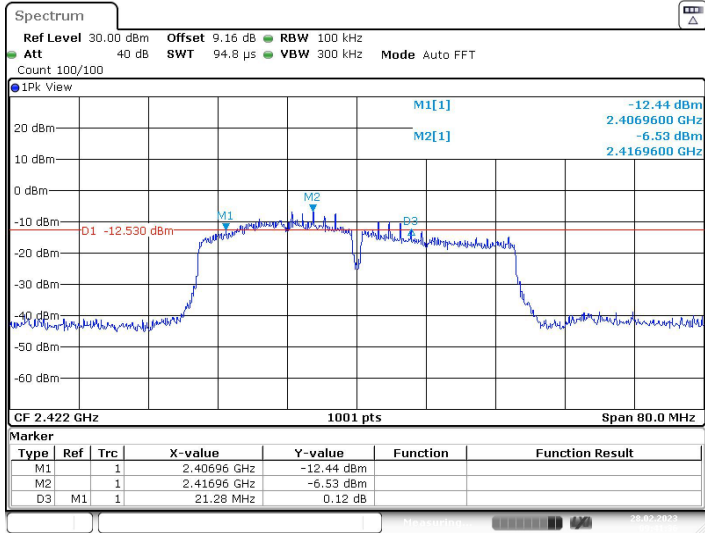
Date: 28.FEB.2023 10:21:26

11N20SISO_Ant1_2462



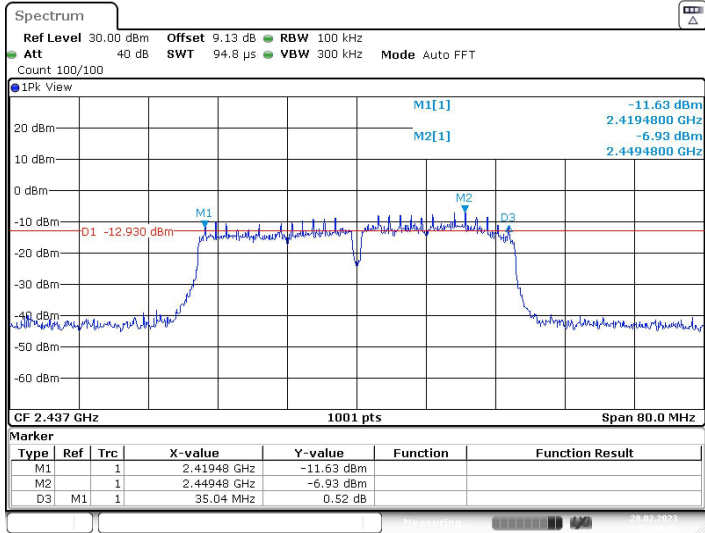
Date: 28.FEB.2023 09:38:08

11N40SISO_Ant1_2422



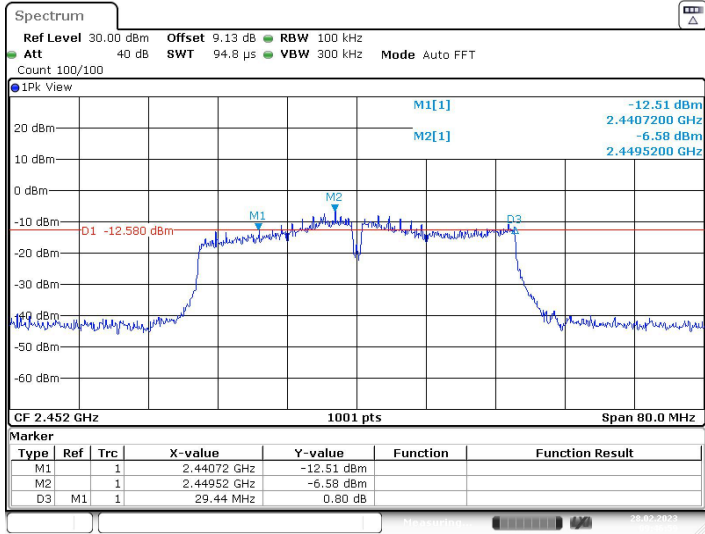
Date: 28.FEB.2023 09:41:35

11N40SISO_Ant1_2437



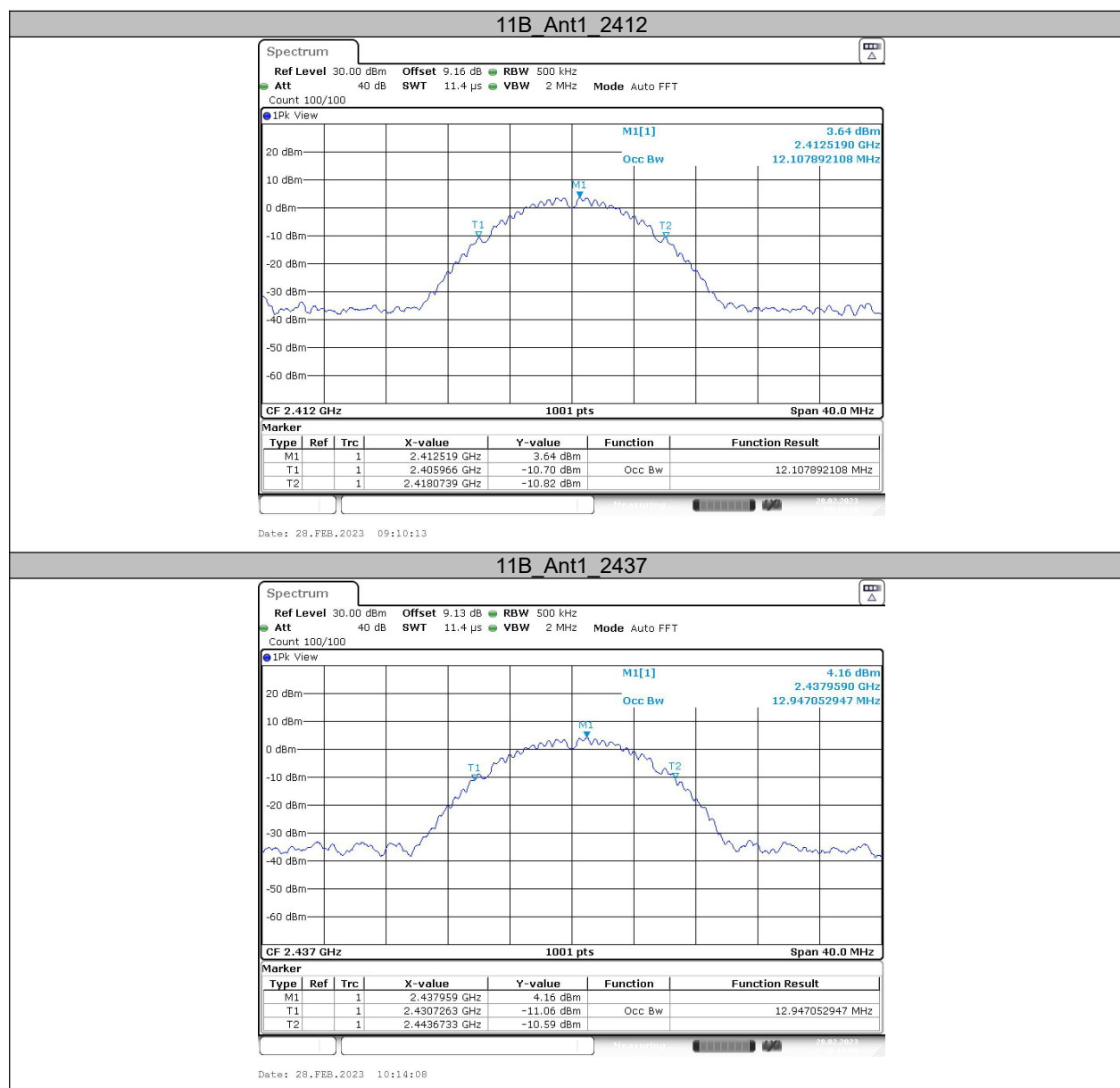
Date: 28.FEB.2023 09:44:45

11N40SISO_Ant1_2452

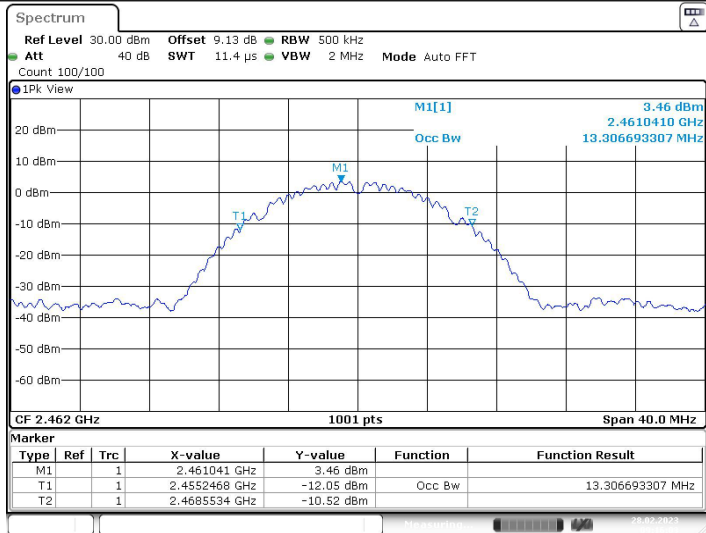


Date: 28.FEB.2023 09:46:59

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.108	2405.9660	2418.0739	---	---
		2437	12.947	2430.7263	2443.6733	---	---
		2462	13.307	2455.2468	2468.5534	---	---
11G	Ant1	2412	17.383	2403.5285	2420.9111	---	---
		2437	16.703	2428.6883	2445.3916	---	---
		2462	16.903	2453.6883	2470.5914	---	---
11N20SISO	Ant1	2412	17.902	2403.1289	2421.0310	---	---
		2437	17.862	2428.0889	2445.9510	---	---
		2462	18.302	2452.6893	2470.9910	---	---
11N40SISO	Ant1	2422	35.964	2404.0180	2439.9820	---	---
		2437	36.523	2418.3786	2454.9021	---	---
		2452	36.444	2433.9381	2470.3816	---	---

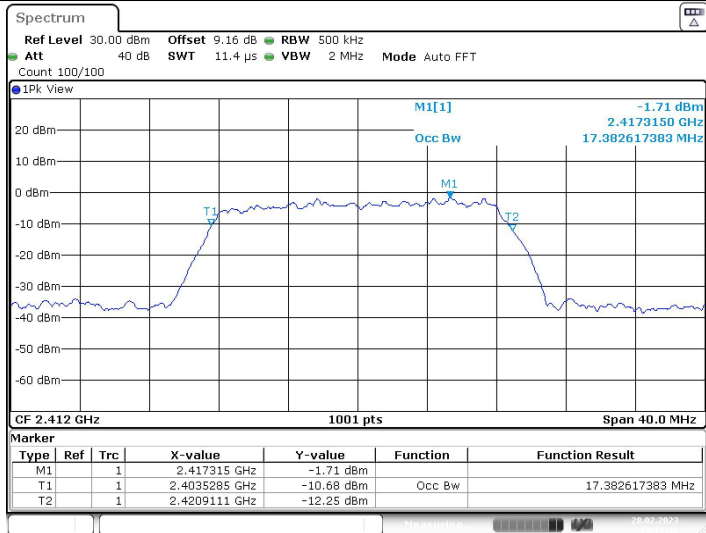


11B_Ant1_2462



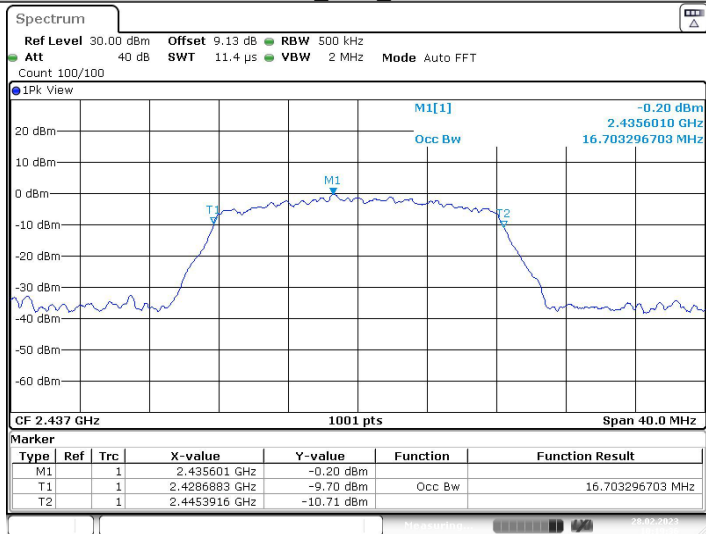
Date: 28.FEB.2023 09:16:02

11G_Ant1_2412



Date: 28.FEB.2023 10:16:33

11G_Ant1_2437



Date: 28.FEB.2023 10:19:36