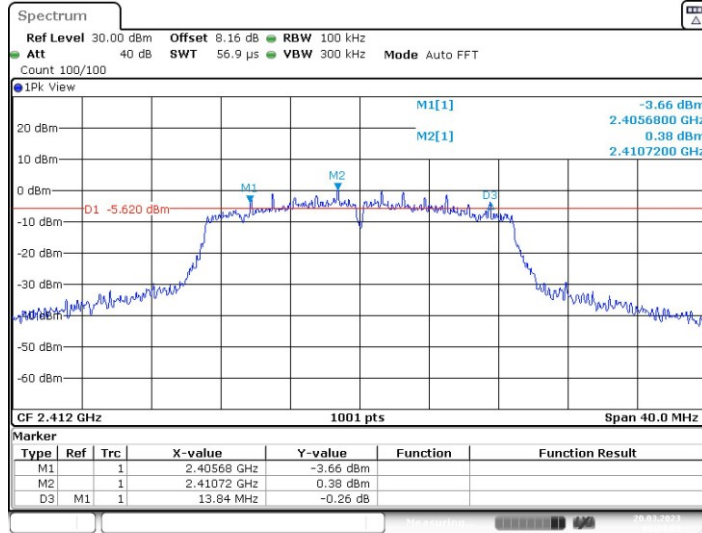
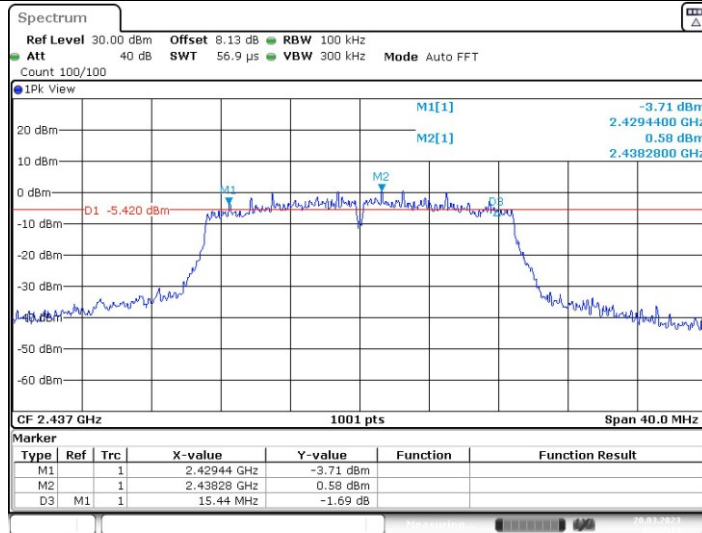


11N20SISO_Ant1_2412



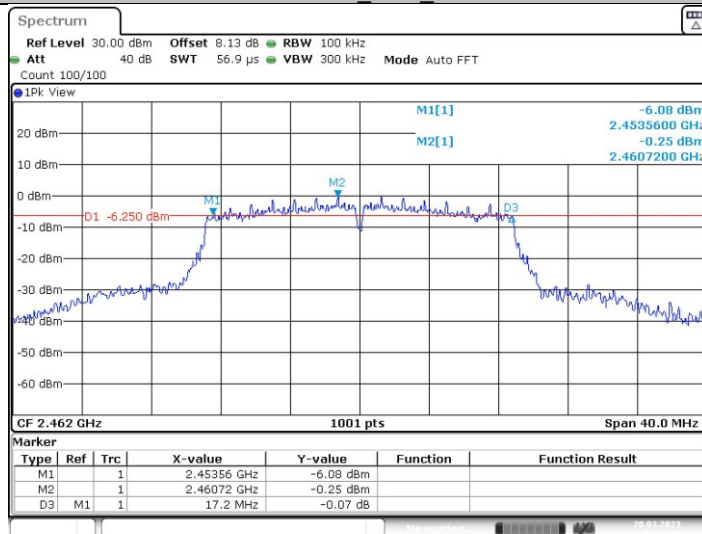
Date: 20.MAR.2023 09:24:09

11N20SISO_Ant1_2437



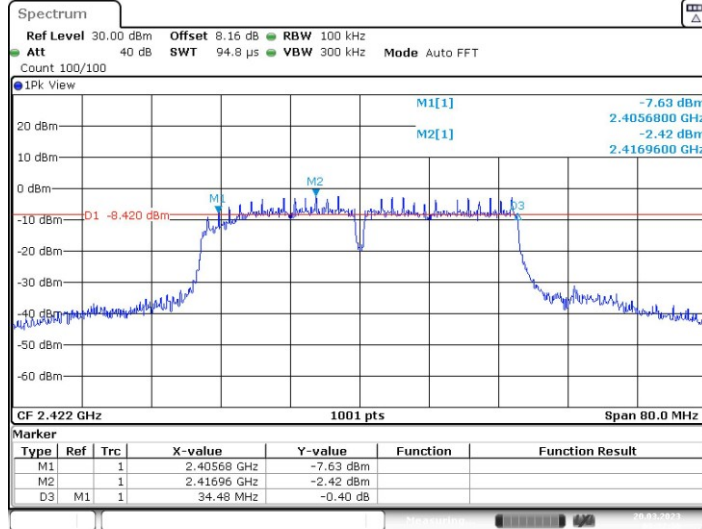
Date: 20.MAR.2023 09:27:14

11N20SISO_Ant1_2462

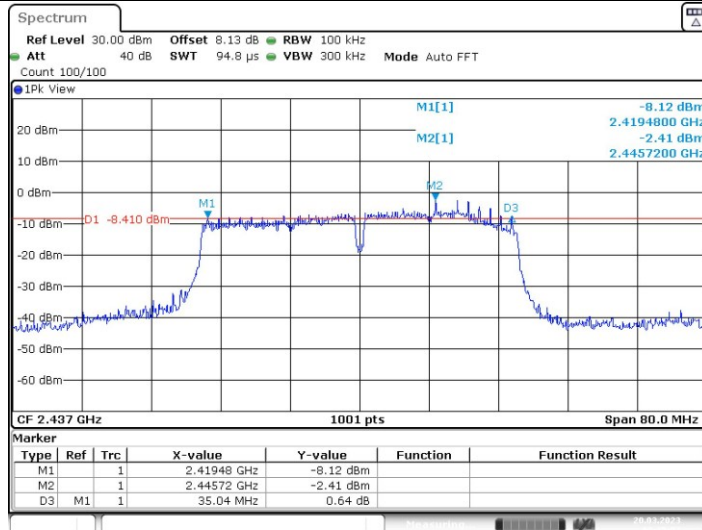


Date: 20.MAR.2023 09:29:00

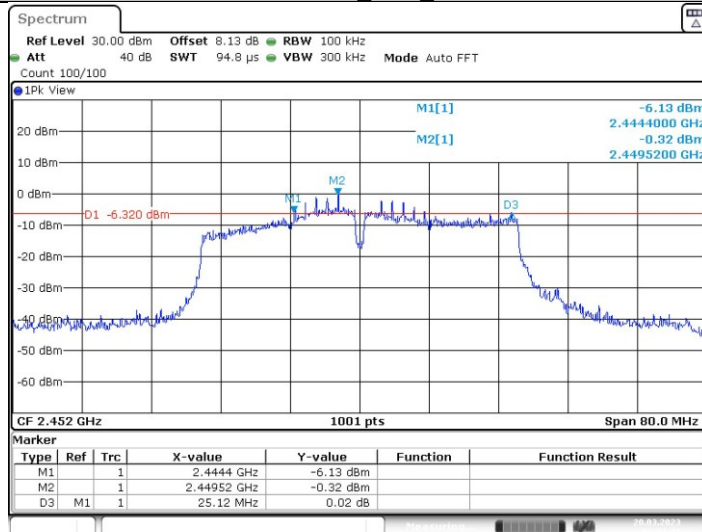
11N40SISO_Ant1_2422



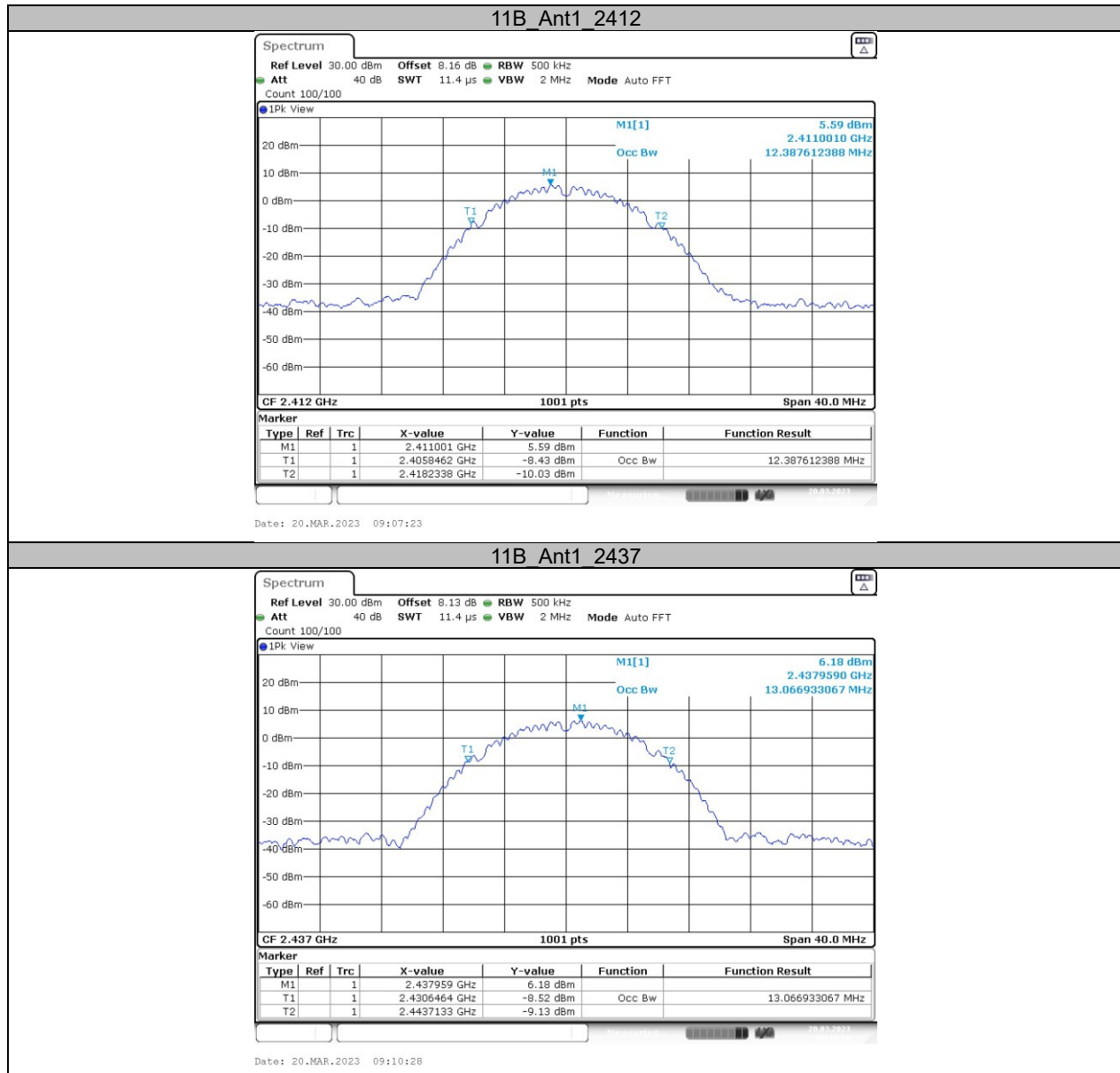
11N40SISO_Ant1_2437



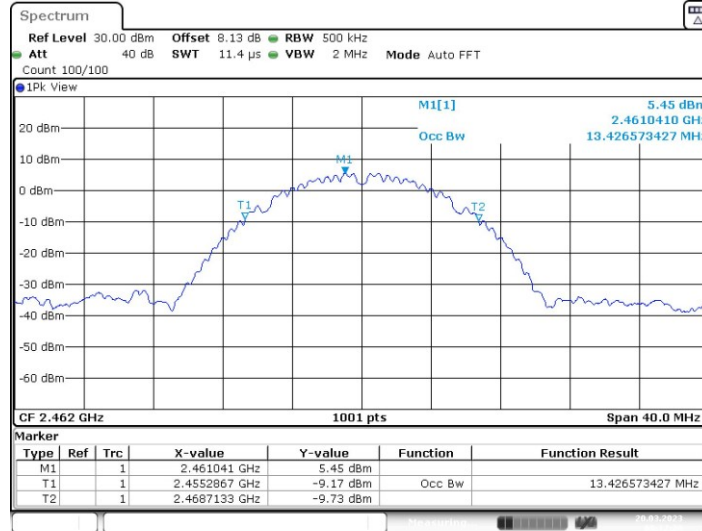
11N40SISO_Ant1_2452



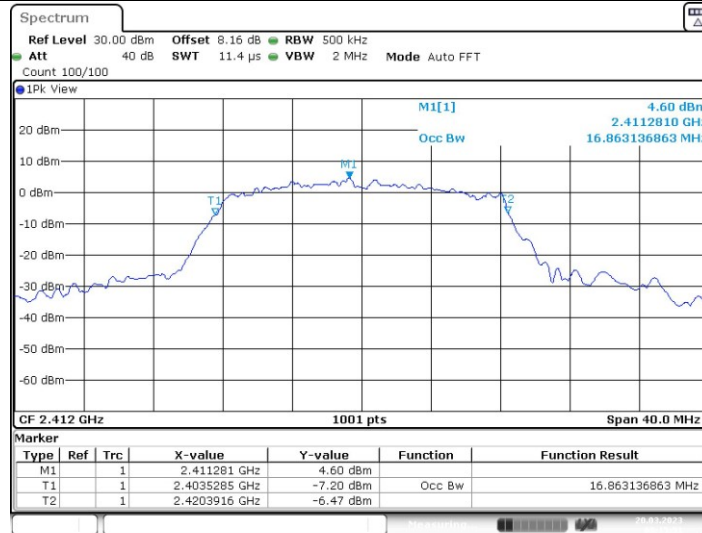
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.388	2405.8462	2418.2338	---	---
		2437	13.067	2430.6464	2443.7133	---	---
		2462	13.427	2455.2867	2468.7133	---	---
11G	Ant1	2412	16.863	2403.5285	2420.3916	---	---
		2437	16.823	2428.5684	2445.3916	---	---
		2462	17.183	2453.4086	2470.5914	---	---
11N20SISO	Ant1	2412	17.782	2403.0490	2420.8312	---	---
		2437	17.862	2428.1289	2445.9910	---	---
		2462	18.941	2452.1698	2471.1109	---	---
11N40SISO	Ant1	2422	36.284	2404.2577	2440.5415	---	---
		2437	36.124	2418.6983	2454.8222	---	---
		2452	36.204	2434.3377	2470.5415	---	---



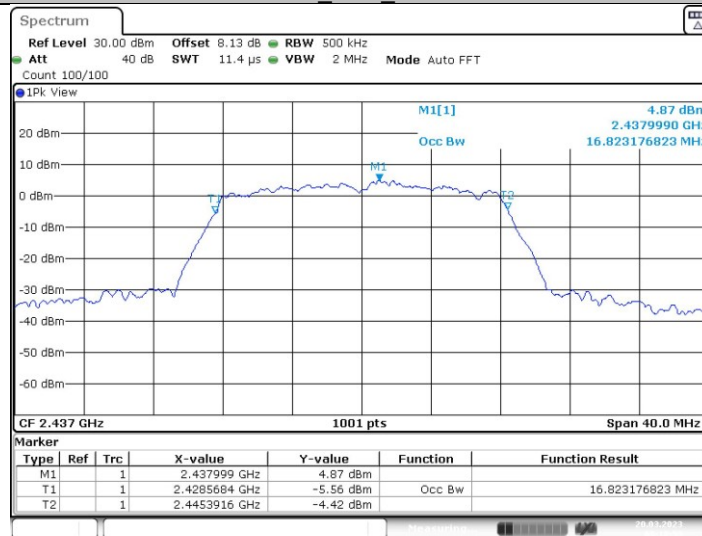
11B_Ant1_2462



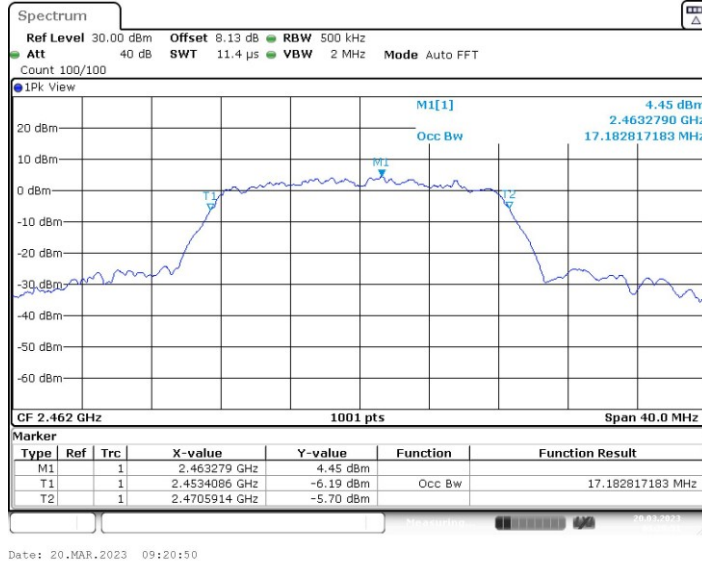
11G_Ant1_2412



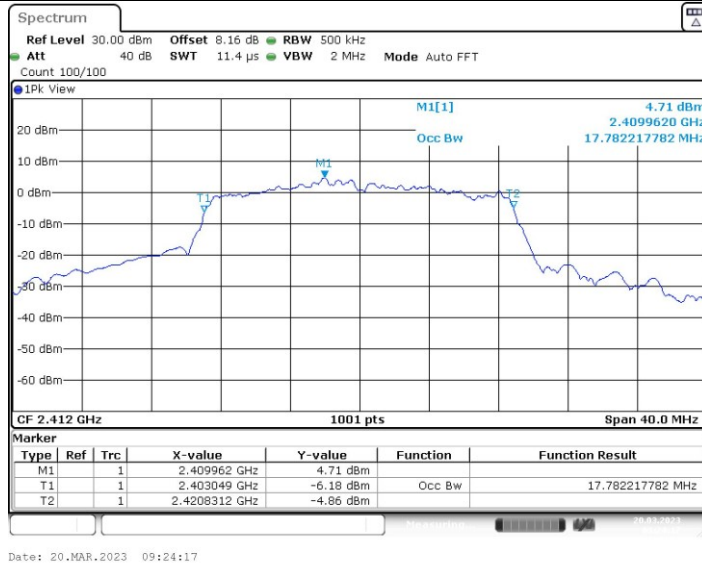
11G_Ant1_2437



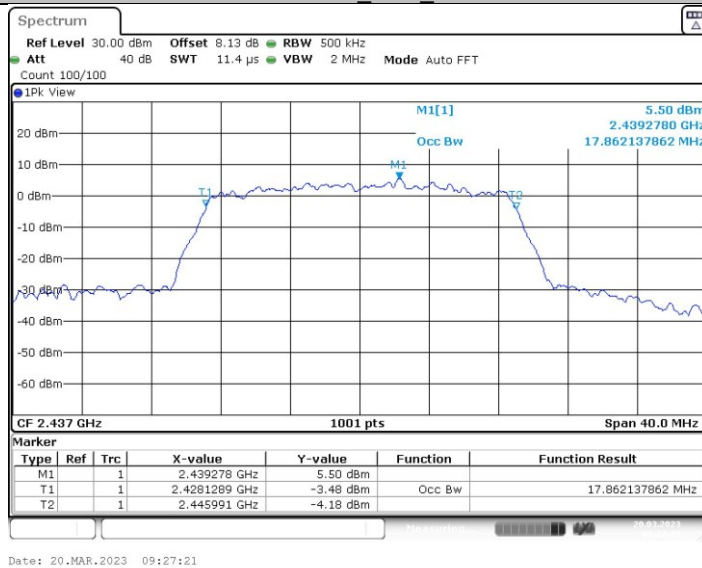
11G_Ant1_2462



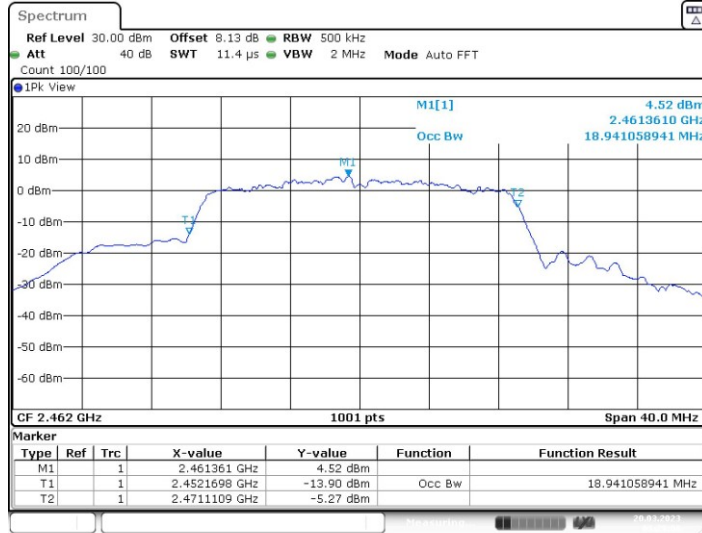
11N20SISO_Ant1_2412



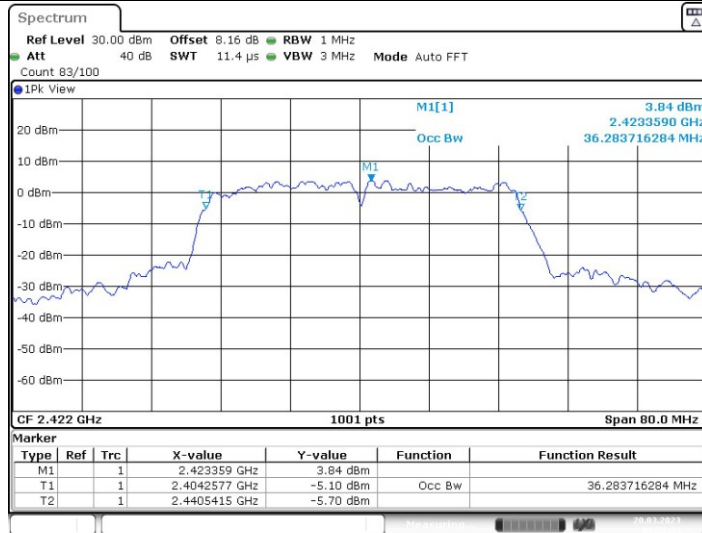
11N20SISO_Ant1_2437



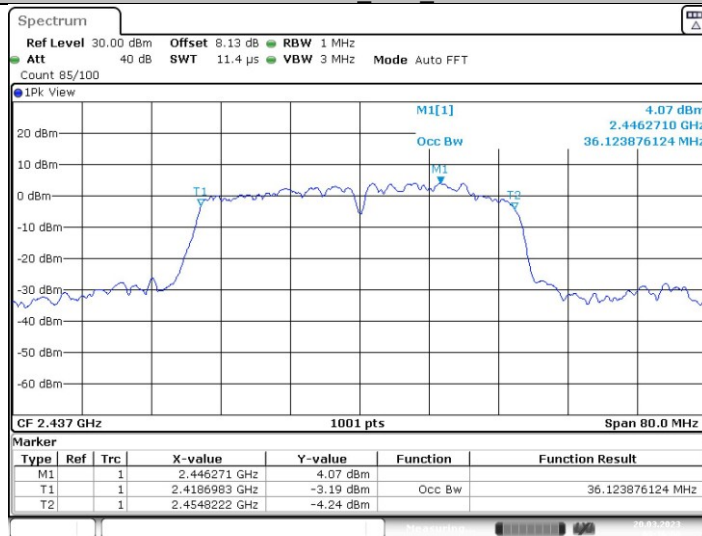
11N20SISO_Ant1_2462

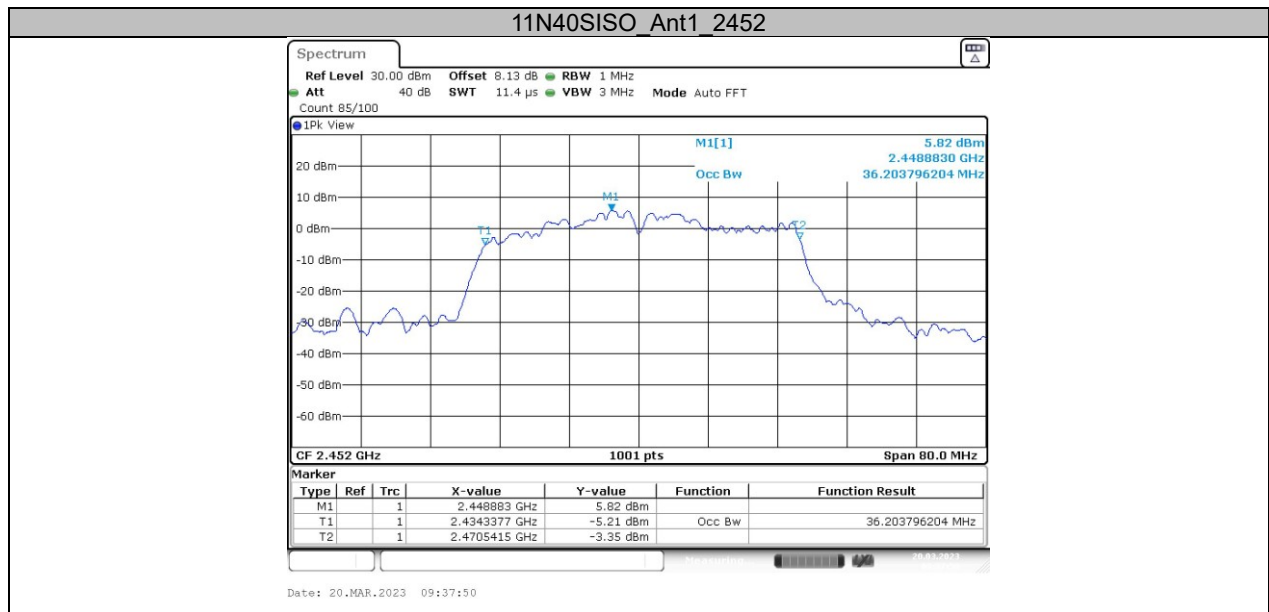


11N40SISO_Ant1_2422



11N40SISO_Ant1_2437





8. BAND EDGE CHECK

8.1. Test limits

Please refer RSS-GEN & FCC PART 15: 15.247

All the lower and upper band-edges emissions appearing within 2310MHz to 2390MHz and 2483.5MHz to 2500MHz restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions outside operation frequency band 2400MHz to 2483.5MHz shall be at least 20dB below the fundamental emissions, or comply with 15.209 limits and RSS-GEN limits.

8.2. Test Procedure

Details see the KDB558074 D01 Meas Guidance v05r02

8.2.1 Put the EUT on a 1.5m high table, power on the EUT. Emissions were scanned and measured rotating the EUT to 360 degrees, Find the maximum Emission

8.2.2 Check the spurious emissions out of band.

8.2.3 RBW 1MHz, VBW 3MHz, peak detector for peak value, RBW 1MHz, VBW 10Hz, RMS detector for AV value.

8.3. Test Setup

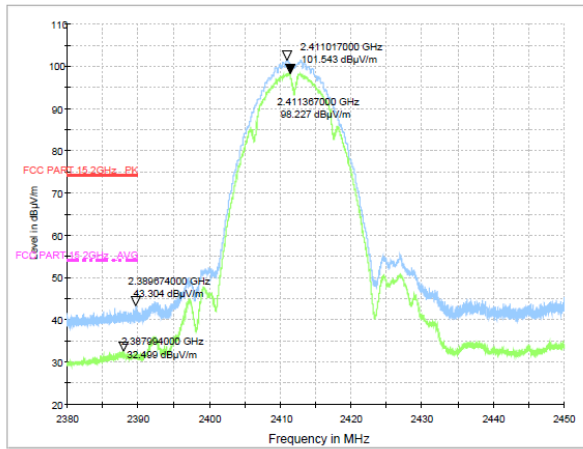
Same as 5.2.2.

8.4. Test Results

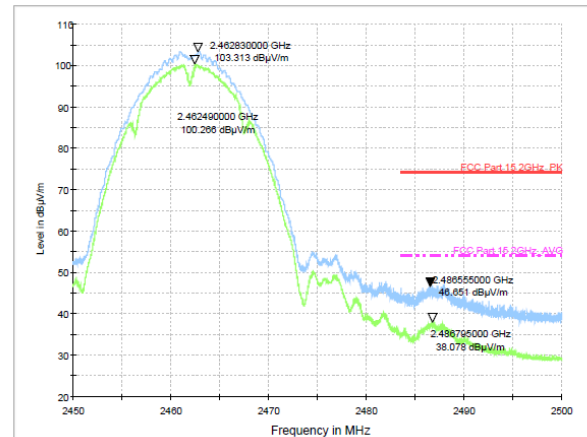
Pass.

Detailed information please see the following page.

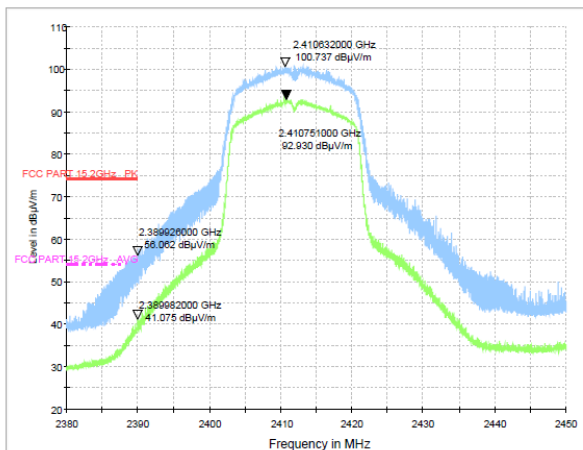
Test Mode: IEEE 802.11b-Low



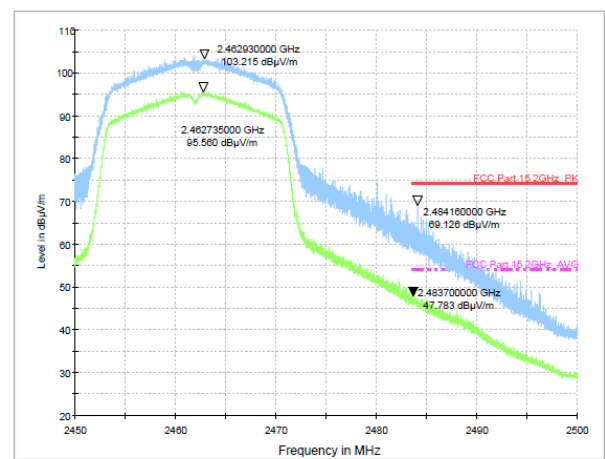
Test Mode: IEEE 802.11b-High



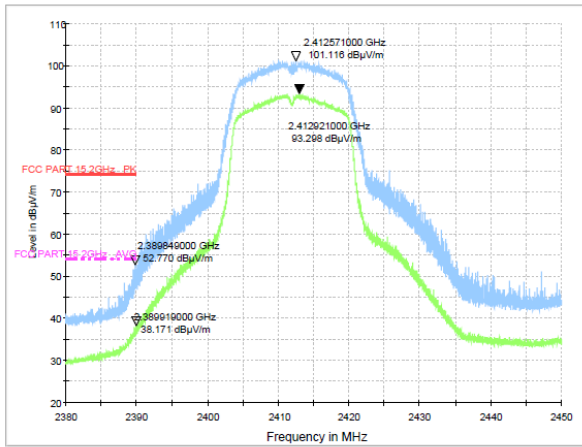
Test Mode: IEEE 802.11g-Low



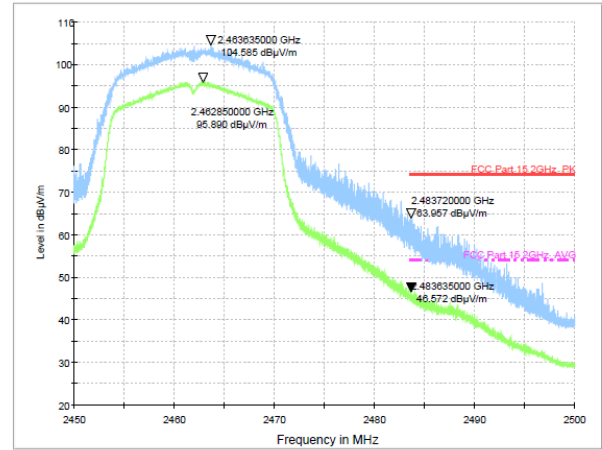
Test Mode: IEEE 802.11g-High



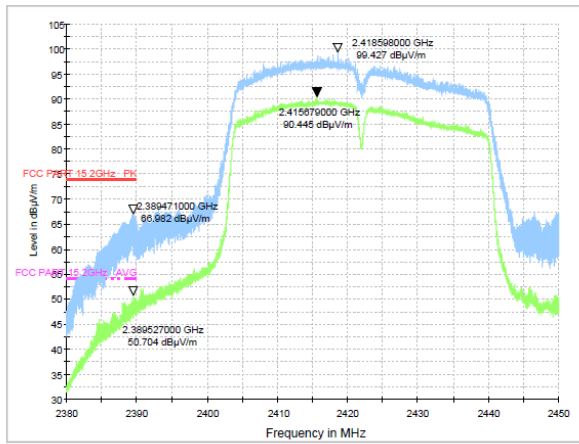
Test Mode: IEEE 802.11n20-Low



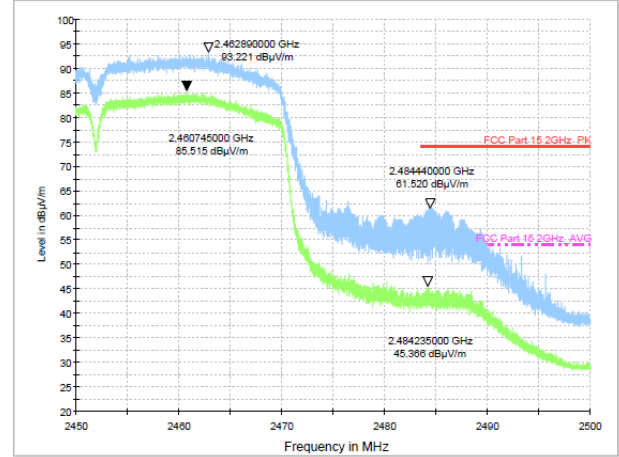
Test Mode: IEEE 802.11n20-High



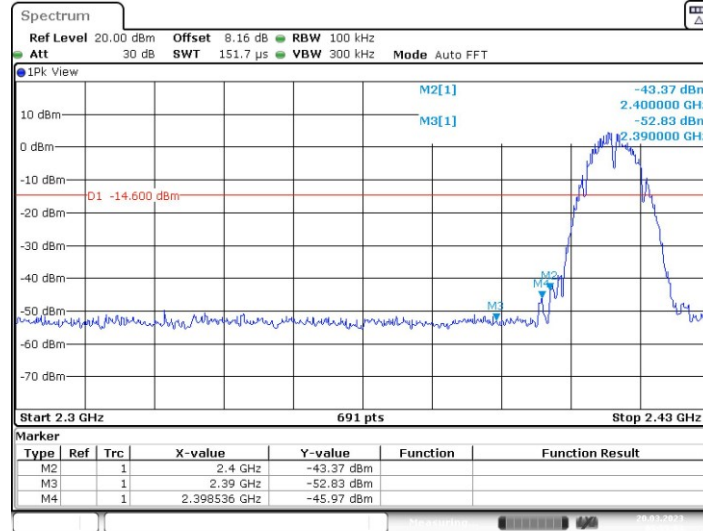
Test Mode: IEEE 802.11n40-Low



Test Mode: IEEE 802.11n40-High

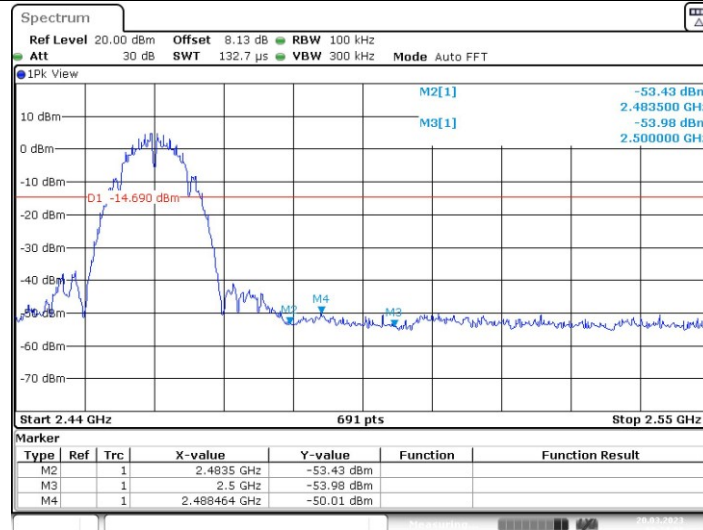


11B_Ant1_Low_2412



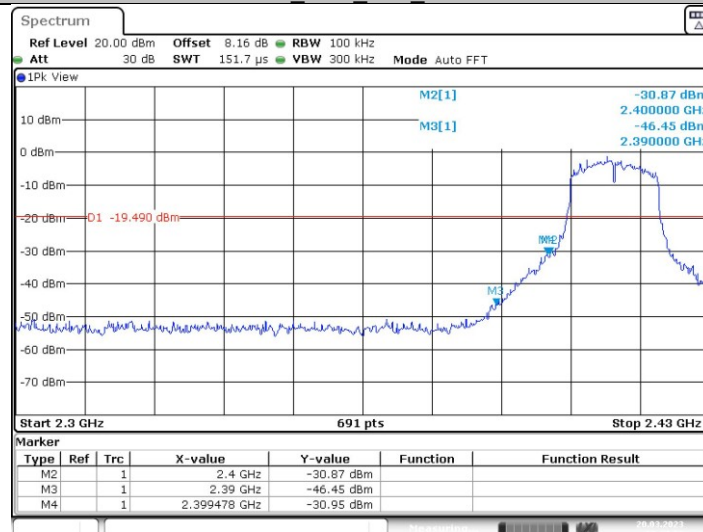
Date: 20.MAR.2023 09:09:03

11B_Ant1_High_2462



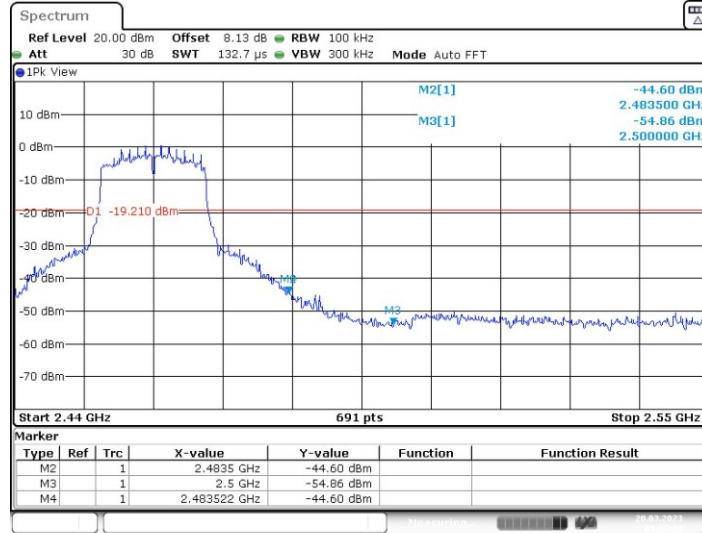
Date: 20.MAR.2023 09:14:08

11G_Ant1_Low_2412



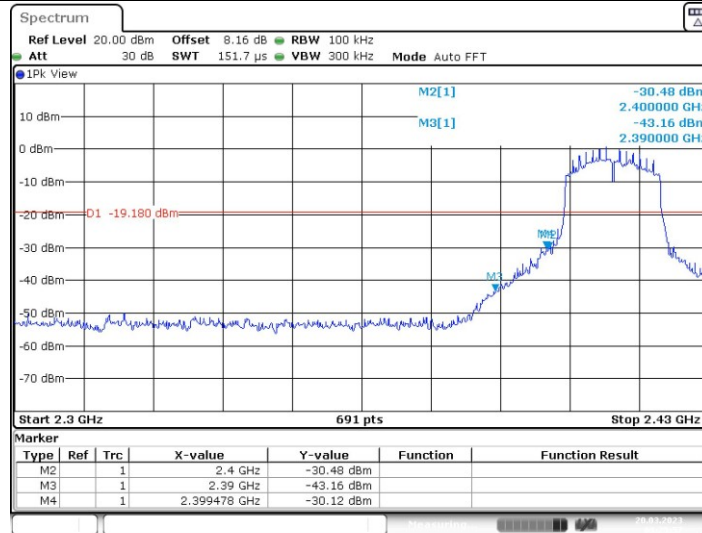
Date: 20.MAR.2023 09:17:31

11G Ant1_High_2462



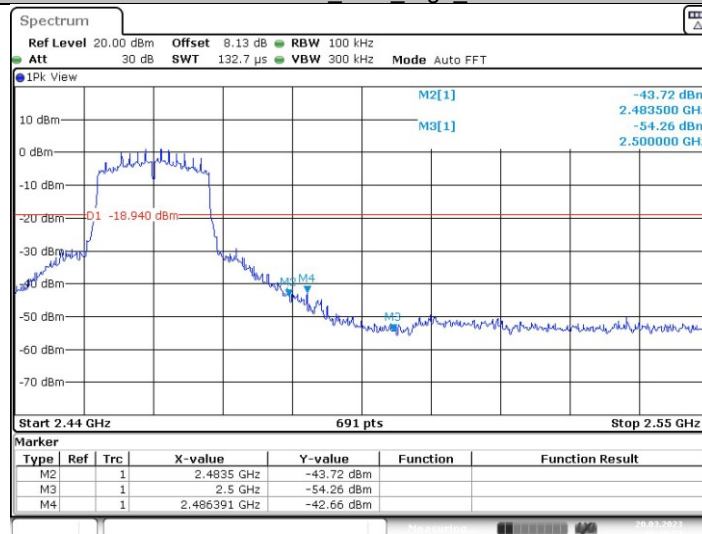
Date: 20.MAR.2023 09:22:30

11N20SISO Ant1_Low_2412

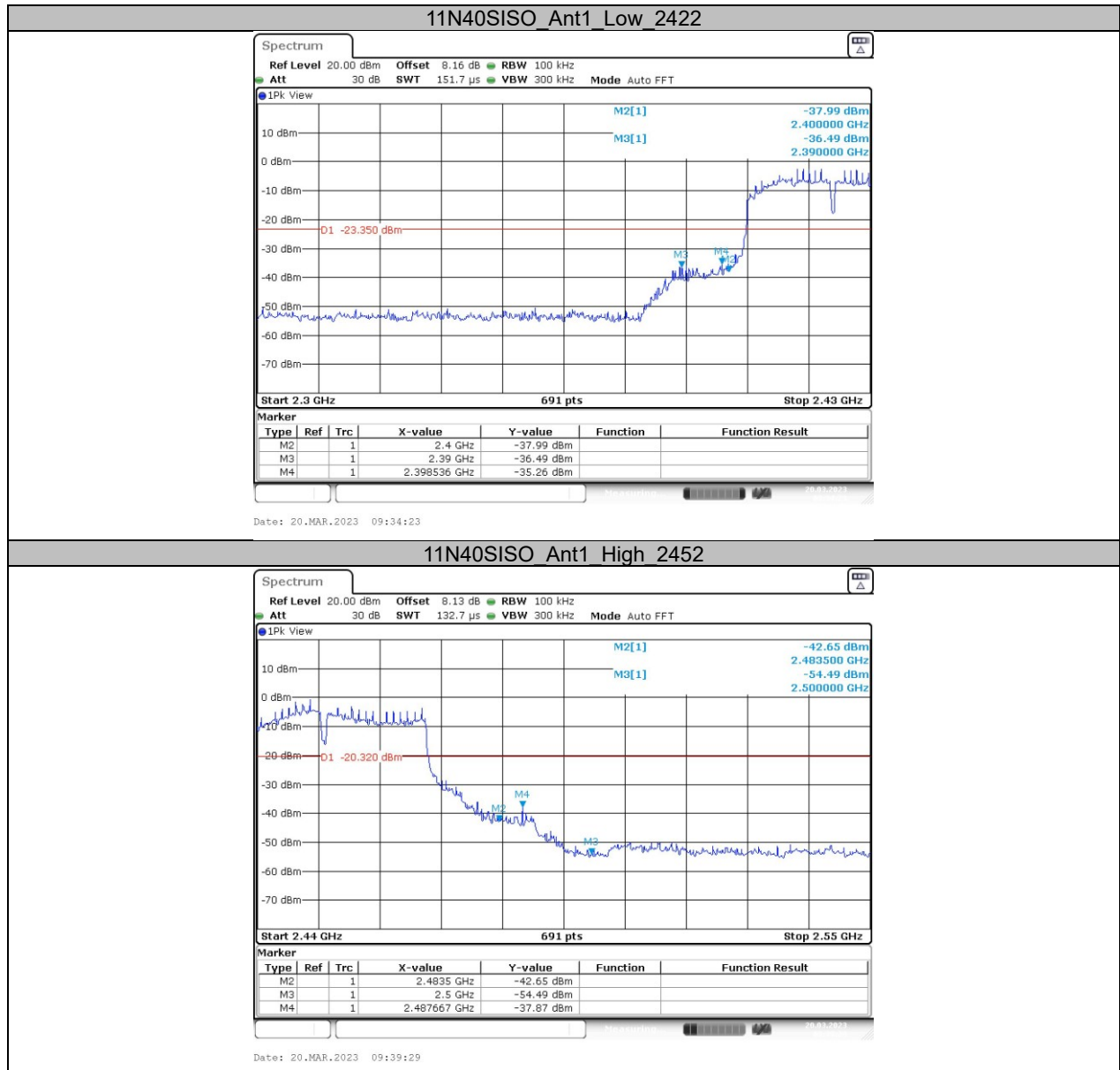


Date: 20.MAR.2023 09:25:57

11N20SISO_Ant1_High_2462



Date: 20.MAR.2023 09:30:57



9. ANTENNA REQUIREMENT

9.1. Standard Requirement

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

9.2. Antenna Connected Construction

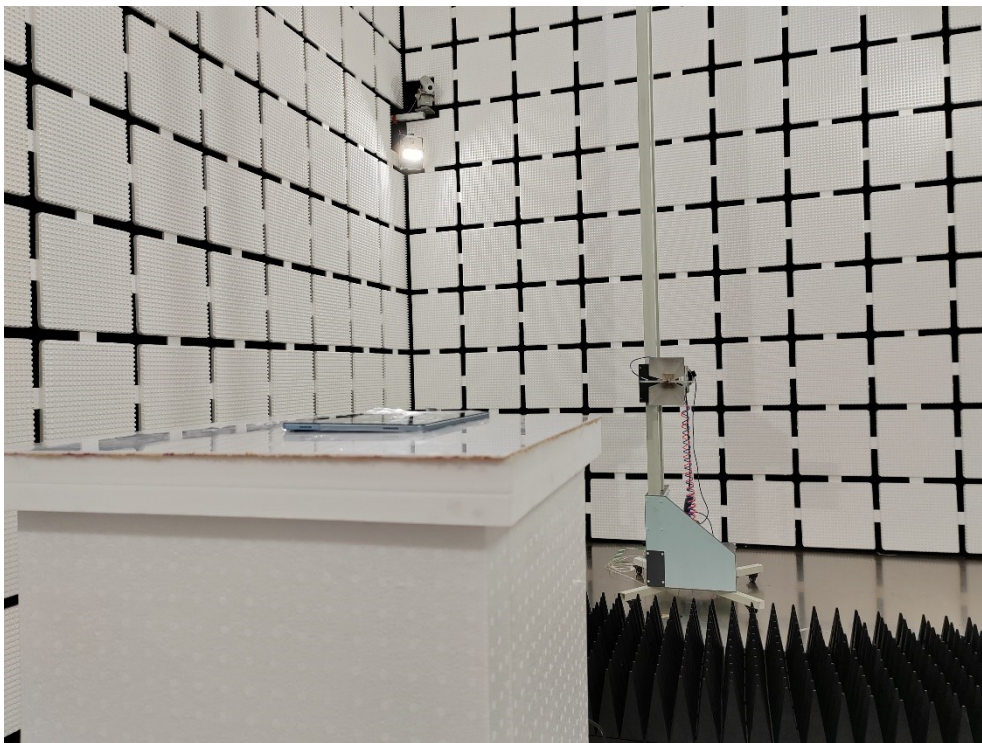
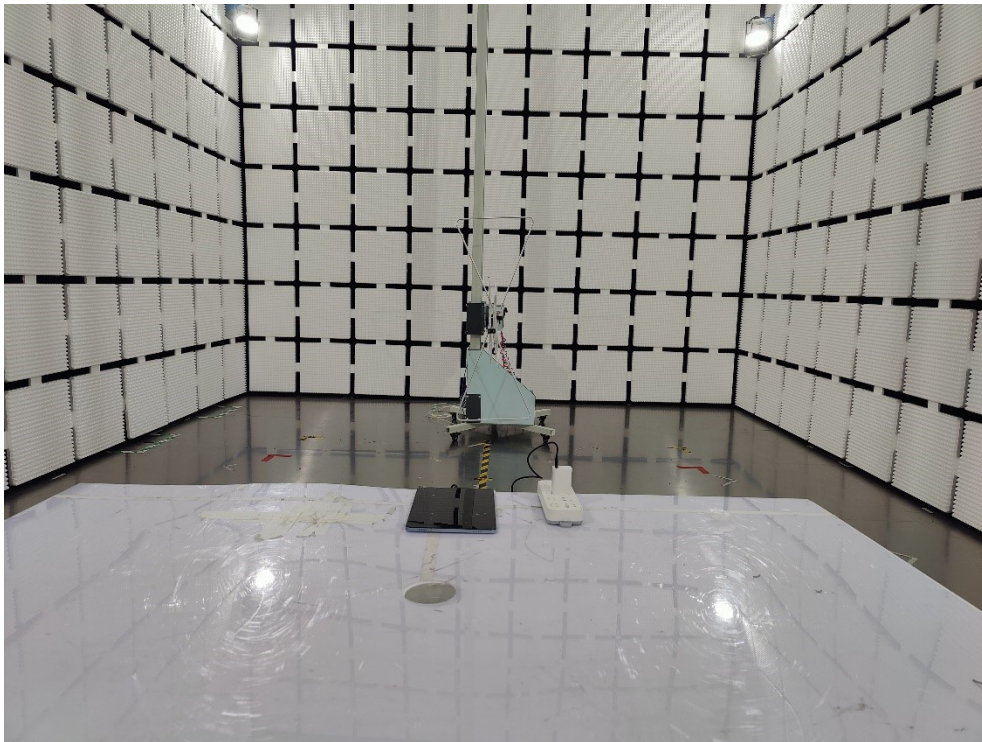
The antenna connector is unique antenna and no consideration of replacement. Please see EUT photo for details.

9.3. Results

The EUT antenna is Internal Antenna. It comply with the standard requirement.

10. TEST SETUP PHOTO

10.1. Photos of Radiated emission



10.2.Photos of Conducted Emission test



-----END OF REPORT-----