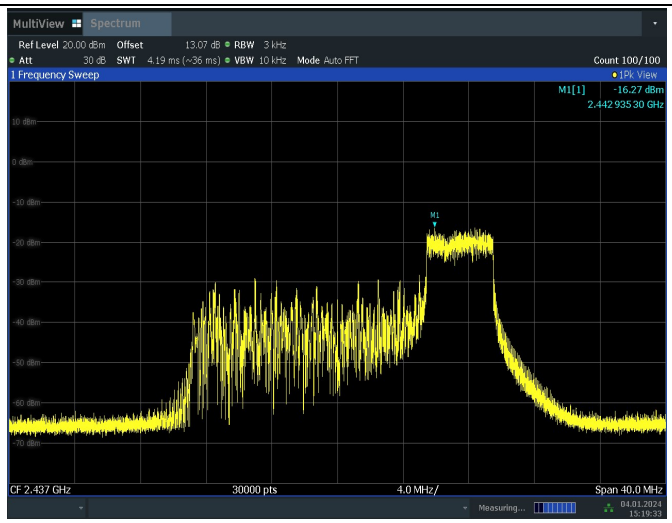
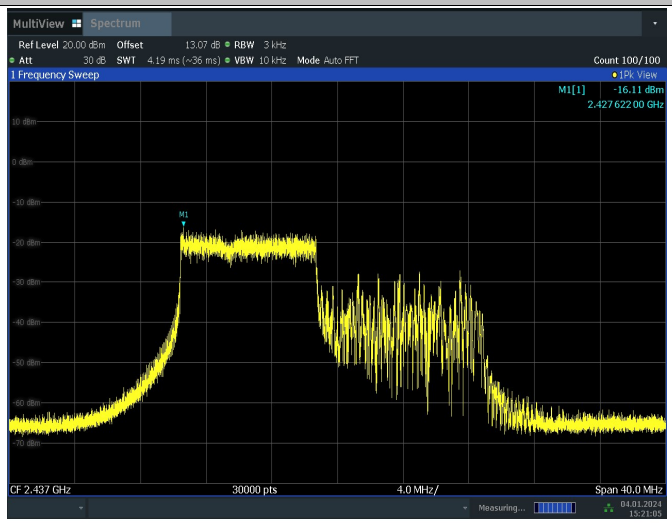


15:19:33 04.01.2024

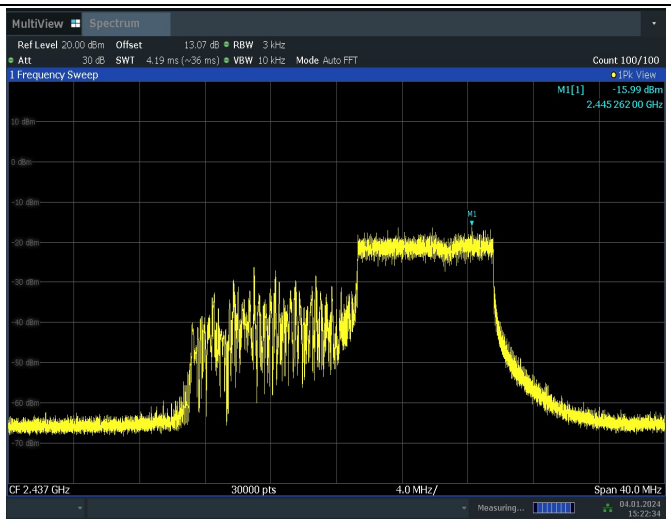
11AX20MIMO_Ant10_2437_106Tone_RU53



15:21:06 04.01.2024

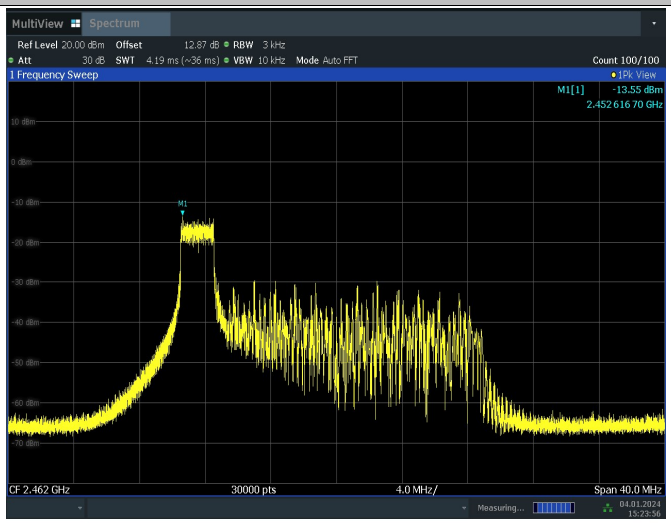
11AX20MIMO_Ant10_2437_106Tone_RU54

©Copyright. All rights reserved by CTTL.



15:22:35 04.01.2024

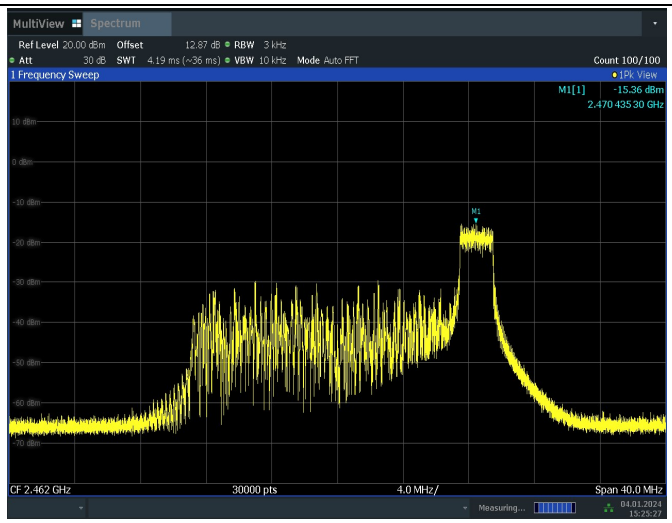
11AX20MIMO_Ant6_2462_26Tone_RU0



15:23:57 04.01.2024

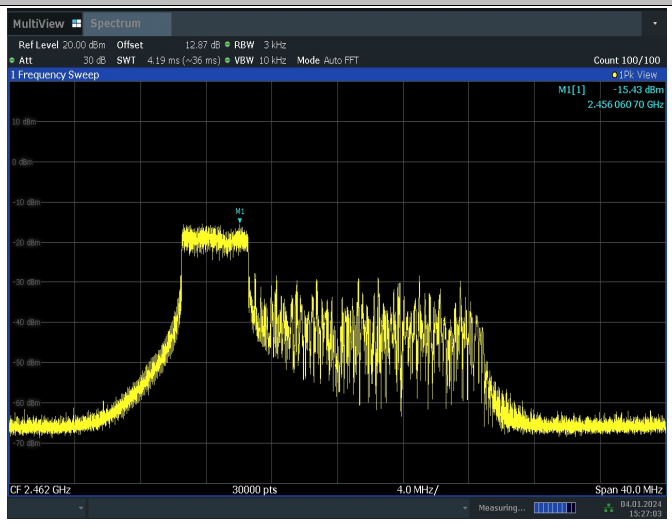
11AX20MIMO_Ant6_2462_26Tone_RU8

©Copyright. All rights reserved by CTTL.



15:25:27 04.01.2024

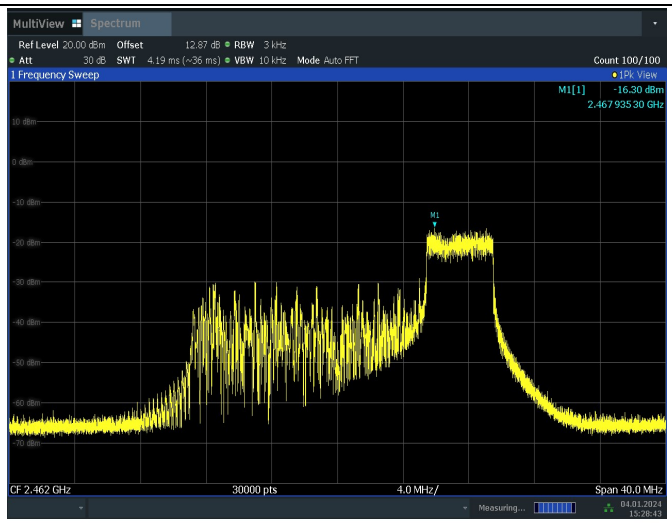
11AX20MIMO_Ant6_2462_52Tone_RU37



15:27:04 04.01.2024

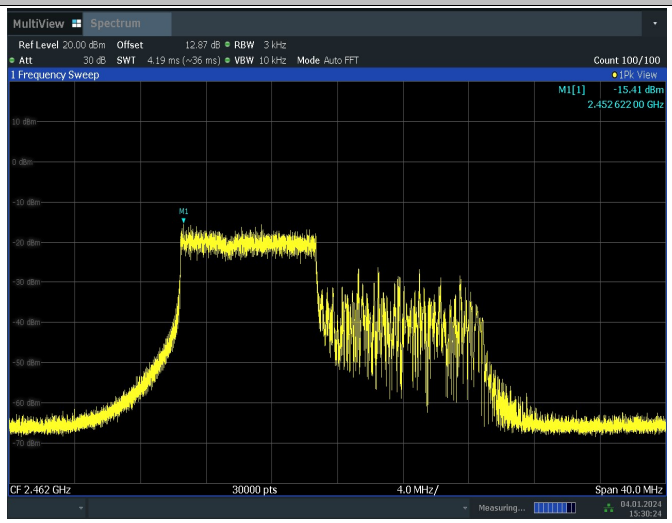
11AX20MIMO_Ant6_2462_52Tone_RU40

©Copyright. All rights reserved by CTTL.



15:28:43 04.01.2024

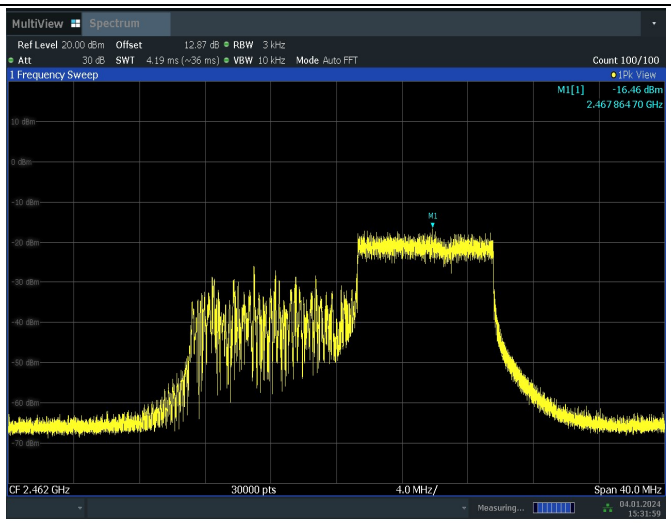
11AX20MIMO_Ant6_2462_106Tone_RU53



15:30:24 04.01.2024

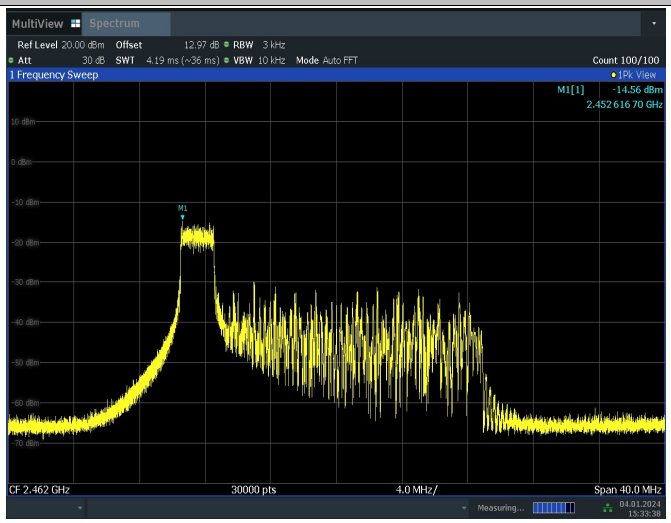
11AX20MIMO_Ant6_2462_106Tone_RU54

©Copyright. All rights reserved by CTTL.



15:31:59 04.01.2024

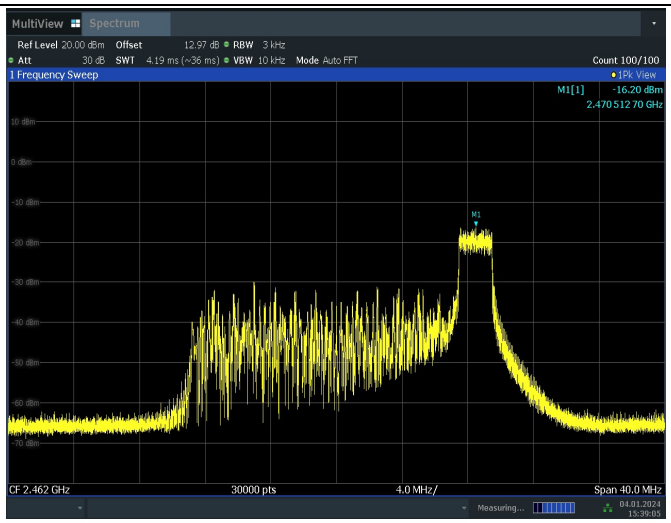
11AX20MIMO_Ant10_2462_26Tone_RU0



15:33:39 04.01.2024

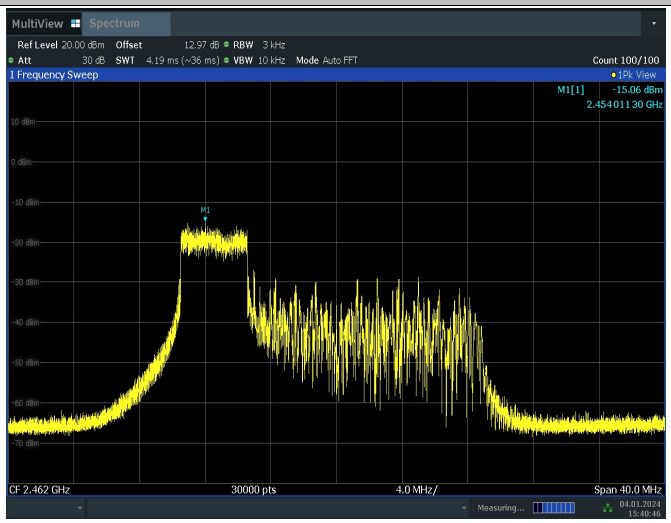
11AX20MIMO_Ant10_2462_26Tone_RU8

©Copyright. All rights reserved by CTTL.



15:39:05 04.01.2024

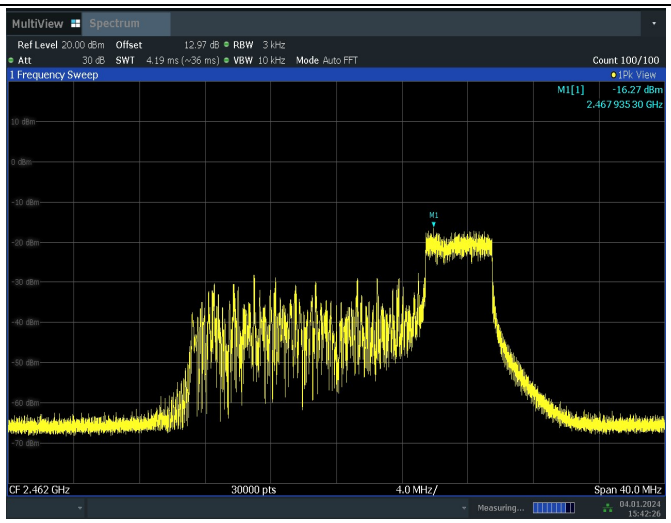
11AX20MIMO_Ant10_2462_52Tone_RU37



15:40:47 04.01.2024

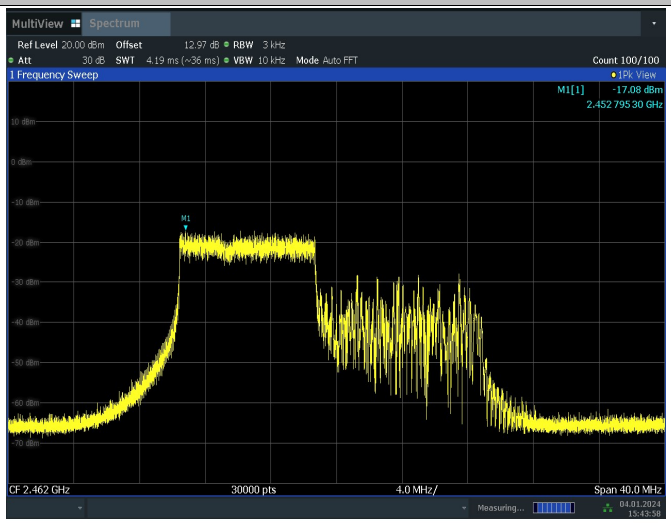
11AX20MIMO_Ant10_2462_52Tone_RU40

©Copyright. All rights reserved by CTTL.



15:42:26 04.01.2024

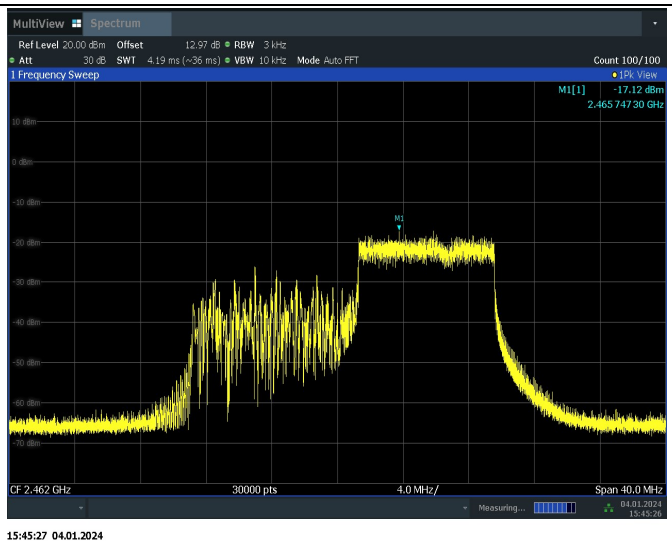
11AX20MIMO_Ant10_2462_106Tone_RU53



15:43:59 04.01.2024

11AX20MIMO_Ant10_2462_106Tone_RU54

©Copyright. All rights reserved by CTTL.



Conclusion: Pass

©Copyright. All rights reserved by CTTL.

A.4. DTS 6-dB Signal Bandwidth

Method of Measurement: See ANSI C63.10-2013 section 11.8.1.

a) Set RBW = 100 kHz.

b) Set the video bandwidth (VBW) = 300 kHz.

c) Detector = Peak.

d) Trace mode = max hold.

e) Sweep = auto couple.

f) Allow the trace to stabilize.

g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

Measurement Limit:

Standard	Limit (kHz)
FCC 47 CFR Part 15.247 (a)	≥ 500

EUT ID: UT11a

Measurement Result:

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Verdict
11B	Ant6	2412	8.04	2407.96	2416.00	PASS
		2437	8.80	2432.72	2441.52	PASS
		2462	8.60	2457.48	2466.08	PASS
11G	Ant6	2412	16.52	2403.72	2420.24	PASS
		2437	16.52	2428.72	2445.24	PASS
		2462	16.48	2453.72	2470.20	PASS
11N20SISO	Ant6	2412	17.72	2403.12	2420.84	PASS
		2437	17.72	2428.12	2445.84	PASS
		2462	17.68	2453.12	2470.80	PASS
11AX40SISO	Ant6	2422	38.16	2402.88	2441.04	PASS
		2437	38.16	2417.88	2456.04	PASS
		2452	38.16	2432.88	2471.04	PASS
11N20MIMO	Ant6	2412	17.72	2403.12	2420.84	PASS
	Ant10	2412	17.68	2403.16	2420.84	PASS
	Ant6	2437	17.72	2428.12	2445.84	PASS
	Ant10	2437	17.72	2428.12	2445.84	PASS
	Ant6	2462	17.72	2453.12	2470.84	PASS
	Ant10	2462	17.72	2453.12	2470.84	PASS
11N40MIMO	Ant6	2422	34.48	2405.04	2439.52	PASS
	Ant10	2422	34.48	2404.40	2438.88	PASS
	Ant6	2437	34.48	2420.04	2454.52	PASS
	Ant10	2437	32.64	2421.88	2454.52	PASS

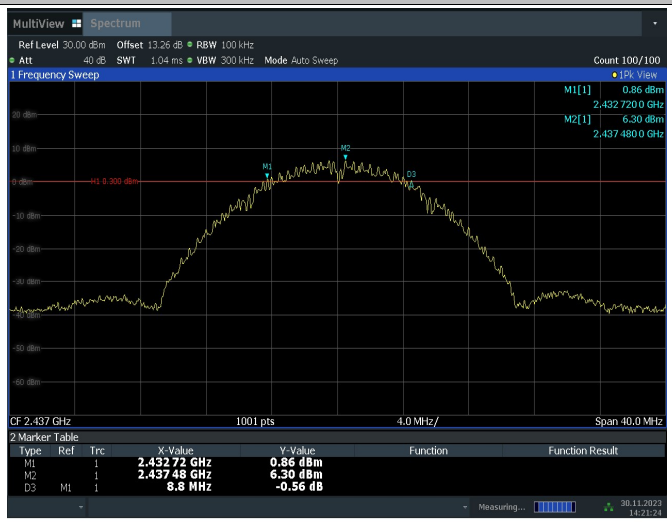
©Copyright. All rights reserved by CTTL.

	Ant6	2452	35.04	2434.48	2469.52	PASS
	Ant10	2452	35.04	2434.48	2469.52	PASS

Test graphs as below:

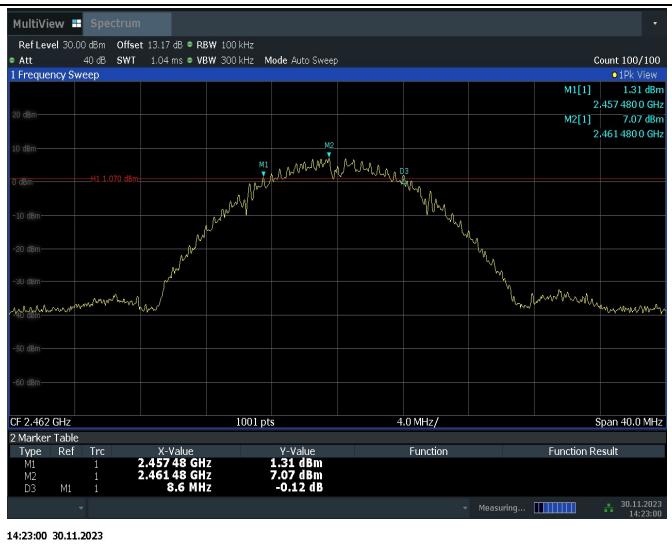
11B_Ant6_2412

11B_Ant6_2437



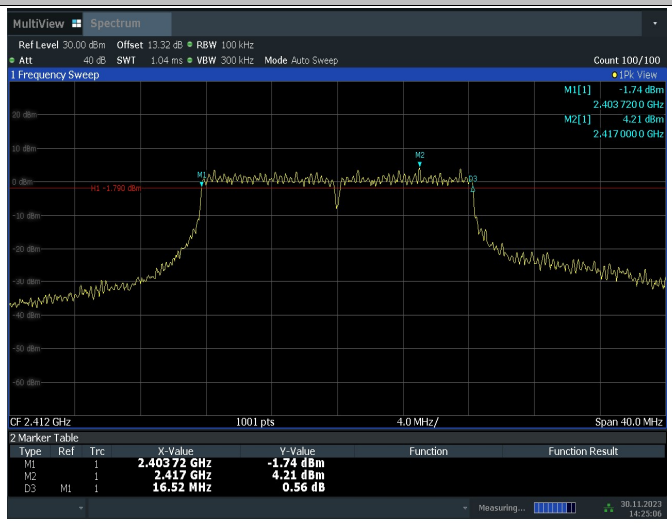
11B_Ant6_2462

©Copyright. All rights reserved by CTTL.



14:23:00 30.11.2023

11G_Ant6_2412



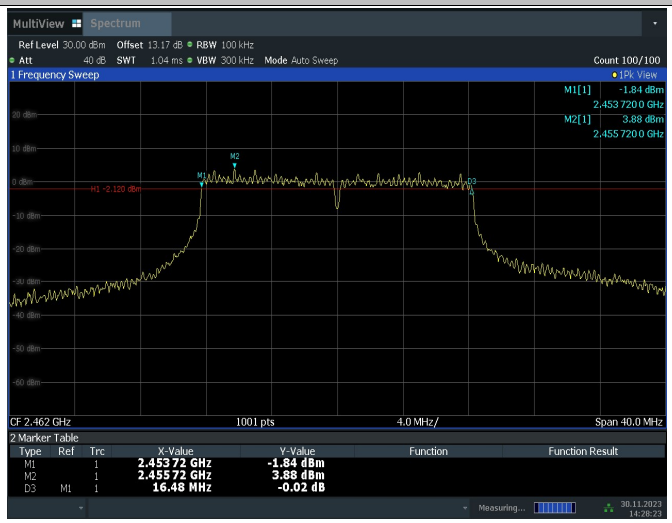
14:25:06 30.11.2023

11G_Ant6_2437

©Copyright. All rights reserved by CTTL.

14:26:54 30.11.2023

11G_Ant6_2462



14:28:24 30.11.2023

11N20SISO_Ant6_2412

©Copyright. All rights reserved by CTTL.