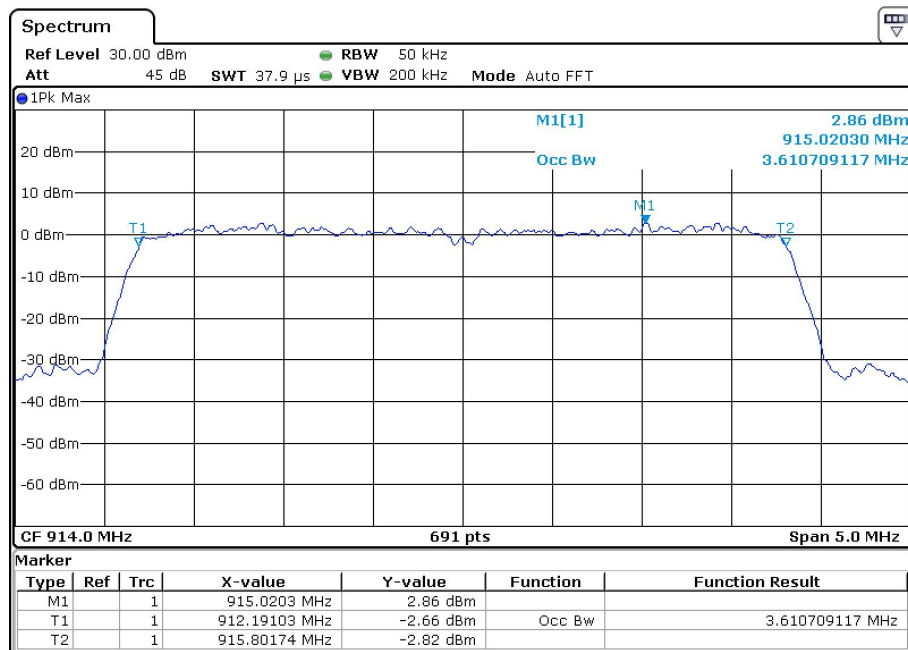
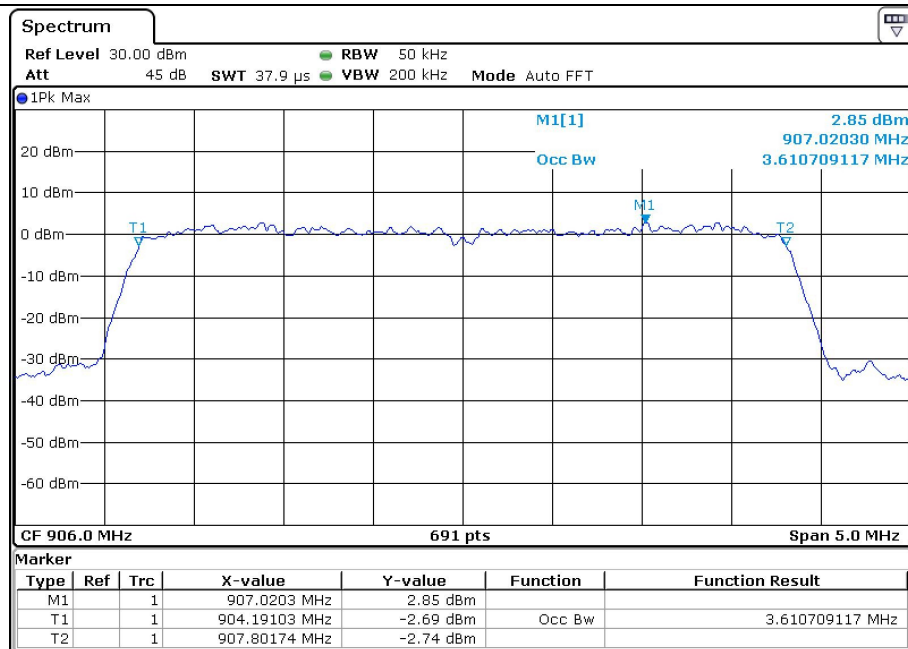
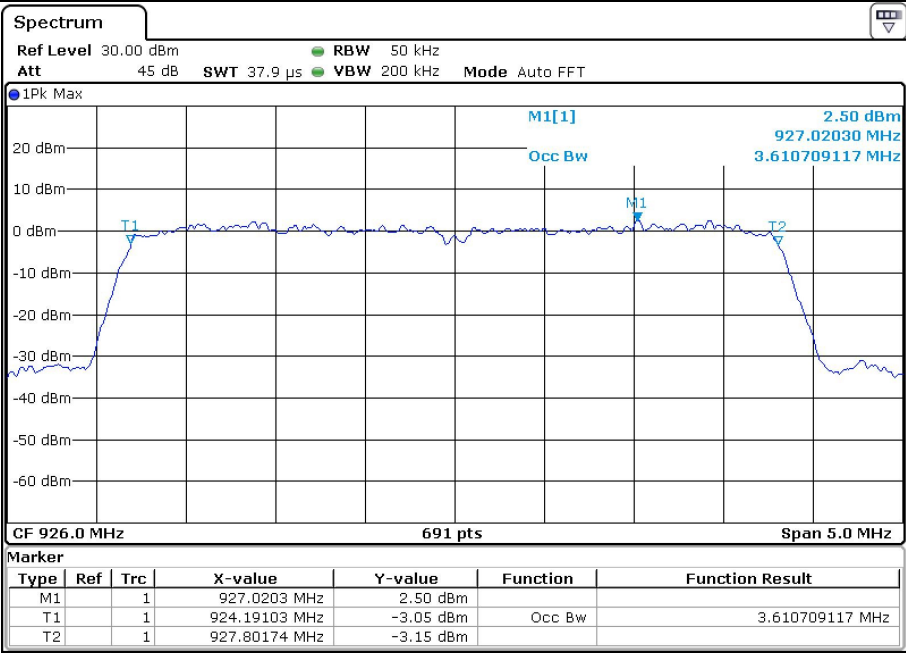


Results for 4M

Mode	CH.	Test Freq. (MHz)	99% Occupied Bandwidth (MHz)	RBW(kHz)/VBW(kHz)	Limit	Result
4M	1	906	3.610	50/200	Within frequency range	Pass
	3	914	3.610		Within frequency range	Pass
	6	926	3.610		Within frequency range	Pass

99% Occupied Bandwidth

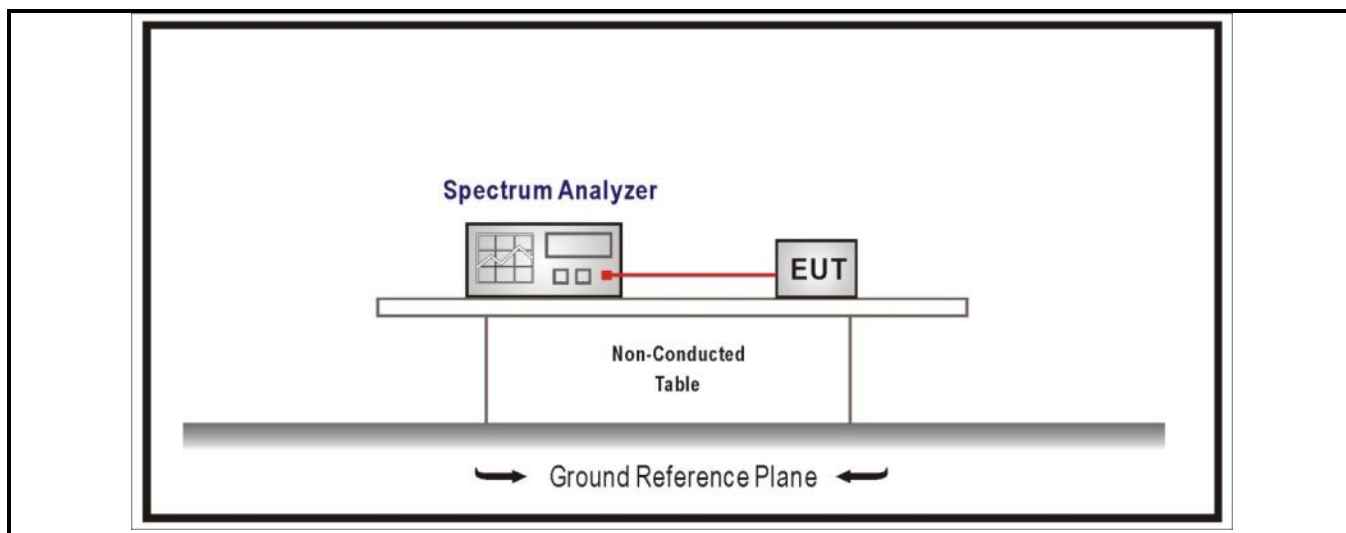




4.7	Fundamental emission output power	VERDICT: PASS
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Standard		FCC Part 15 Subpart C Paragraph 15.247 (b)(3) RSS-247 Issue 4 Section 5.4(d)
☒	GTX < 6dBi	Pout≤30dBm
☐	GTX > 6dBi	
☐	Non-Fix point-point	Pout≤30-(GTX -6)
☐	Fix point-point	Pout≤30-[(GTX-6)]/3
☐	Point-to-multipoint	Pout≤30-(GTX-6)
☐	Overlap Beams	Pout≤30-[(GTX-6)]/3
☐	Aggregate power transmitted simultaneously on all beams	Pout≤30-[(GTX-6)]/3
☐	single LE directional beam	Pout≤30-[(GTX-6)]/3+8dB
Note 1 : GTX directional gain of transmitting antennas.		
Note 2 : Pout is maximum peak conducted output power .		

Test Configuration



Performed measurements

Port under test	Antenna port	
Test method applied	☒	Conducted measurement
	☐	Radiated measurement
Test setup	Refer to the Annex 3 for test setup photo(s).	
Operating mode(s) used	Mode 1-3	
Remark	---	

Results

Mode	Channel	Test Frequency (MHz)	Power Output (dBm)	Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Result
1M	1	902.5	20.28	≤30	22.43	≤36	Pass
	11	912.5	19.96	≤30	22.11	≤36	Pass
	24	925.5	20.01	≤30	22.16	≤36	Pass
2M	1	903	19.37	≤30	21.52	≤36	Pass
	6	913	19.35	≤30	21.50	≤36	Pass
	12	925	20.07	≤30	22.22	≤36	Pass
4M	1	906	18.27	≤30	20.42	≤36	Pass
	3	914	18.21	≤30	20.36	≤36	Pass
	6	926	17.67	≤30	19.82	≤36	Pass

Remark: antenna 1#: 2.15 dBi

Results

Mode	Channel	Test Frequency (MHz)	Power Output (dBm)	Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Result
1M	1	902.5	20.28	≤30	21.51	≤36	Pass
	11	912.5	19.96	≤30	21.19	≤36	Pass
	24	925.5	20.01	≤30	21.24	≤36	Pass
2M	1	903	19.37	≤30	20.60	≤36	Pass
	6	913	19.35	≤30	20.58	≤36	Pass
	12	925	20.07	≤30	21.30	≤36	Pass
4M	1	906	18.27	≤30	19.50	≤36	Pass
	3	914	18.21	≤30	19.44	≤36	Pass
	6	926	17.67	≤30	18.90	≤36	Pass

Remark: antenna 2#: 1.23 dBi

Results

Mode	Channel	Test Frequency (MHz)	Power Output (dBm)	Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Result
1M	1	902.5	20.28	≤30	22.59	≤36	Pass
	11	912.5	19.96	≤30	22.27	≤36	Pass
	24	925.5	20.01	≤30	22.32	≤36	Pass
2M	1	903	19.37	≤30	21.68	≤36	Pass
	6	913	19.35	≤30	21.66	≤36	Pass
	12	925	20.07	≤30	22.38	≤36	Pass
4M	1	906	18.27	≤30	20.58	≤36	Pass
	3	914	18.21	≤30	20.52	≤36	Pass
	6	926	17.67	≤30	19.98	≤36	Pass

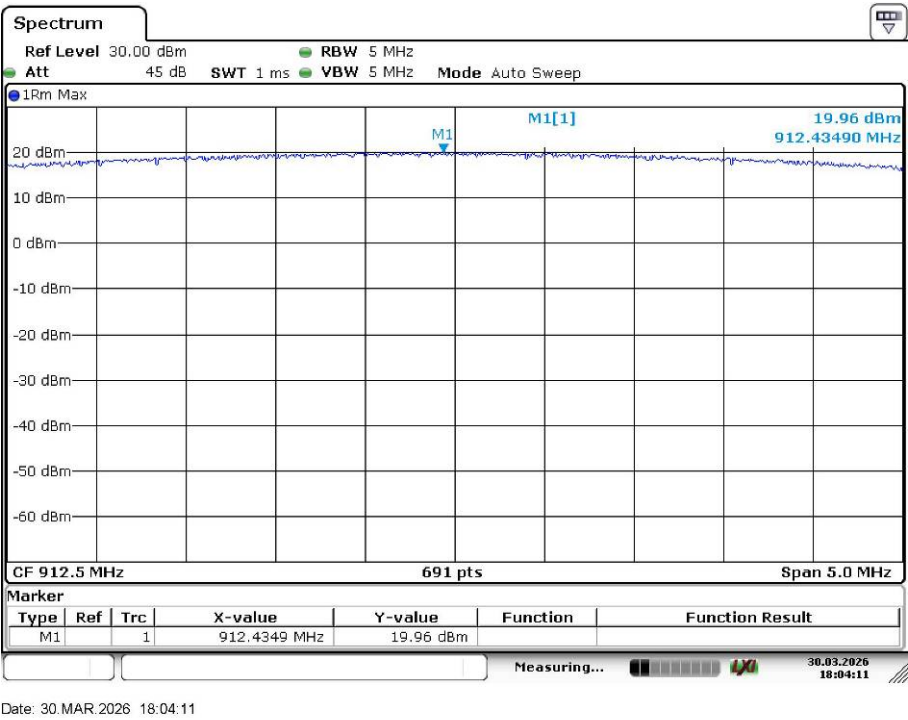
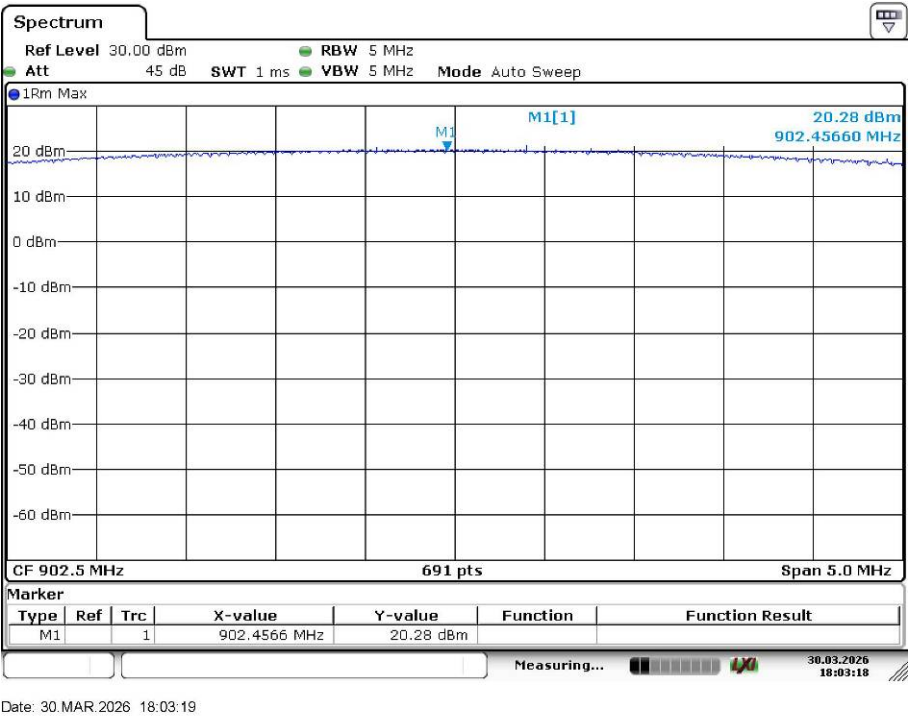
Remark: antenna 3#: 2.31 dBi

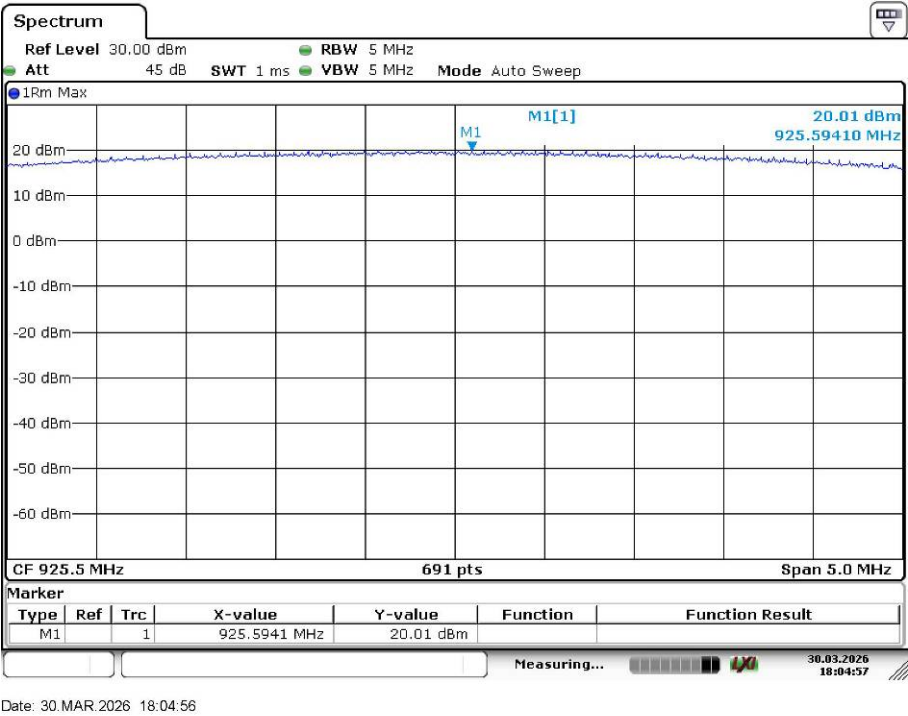
Results

Mode	Channel	Test Frequency (MHz)	Power Output (dBm)	Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Result
1M	1	902.5	20.28	≤30	19.95	≤36	Pass
	11	912.5	19.96	≤30	19.63	≤36	Pass
	24	925.5	20.01	≤30	19.68	≤36	Pass
2M	1	903	19.37	≤30	19.04	≤36	Pass
	6	913	19.35	≤30	19.02	≤36	Pass
	12	925	20.07	≤30	19.74	≤36	Pass
4M	1	906	18.27	≤30	17.94	≤36	Pass
	3	914	18.21	≤30	17.88	≤36	Pass
	6	926	17.67	≤30	17.34	≤36	Pass

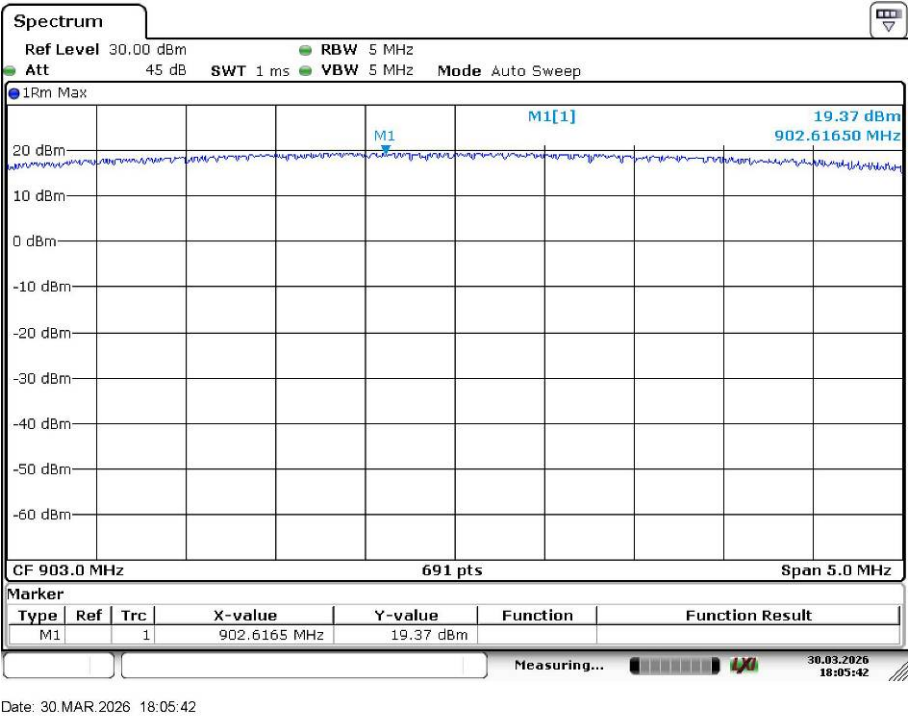
Remark: antenna 4#: -0.33 dBi

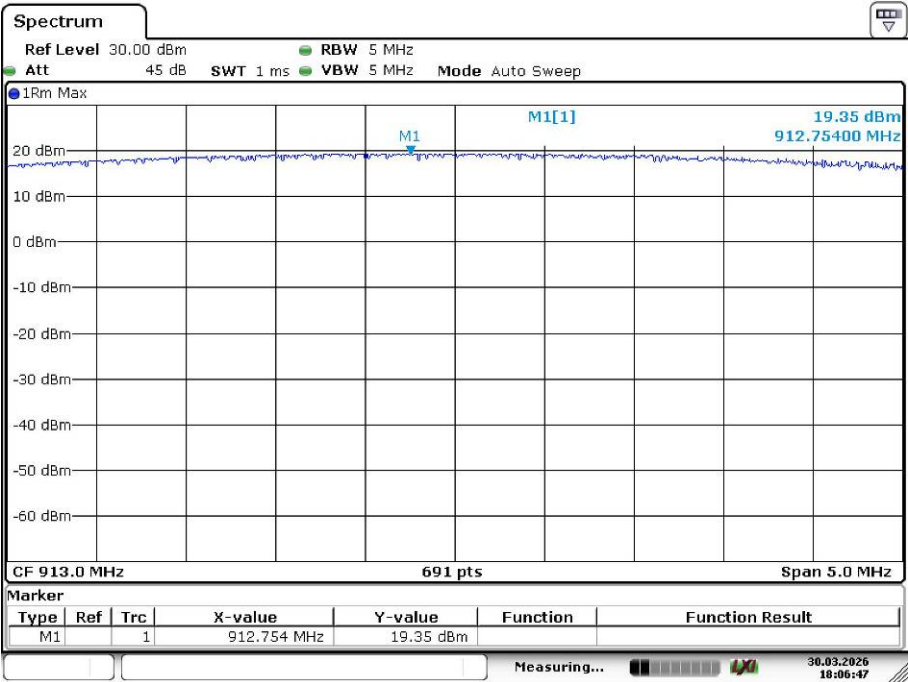
Results for 1M



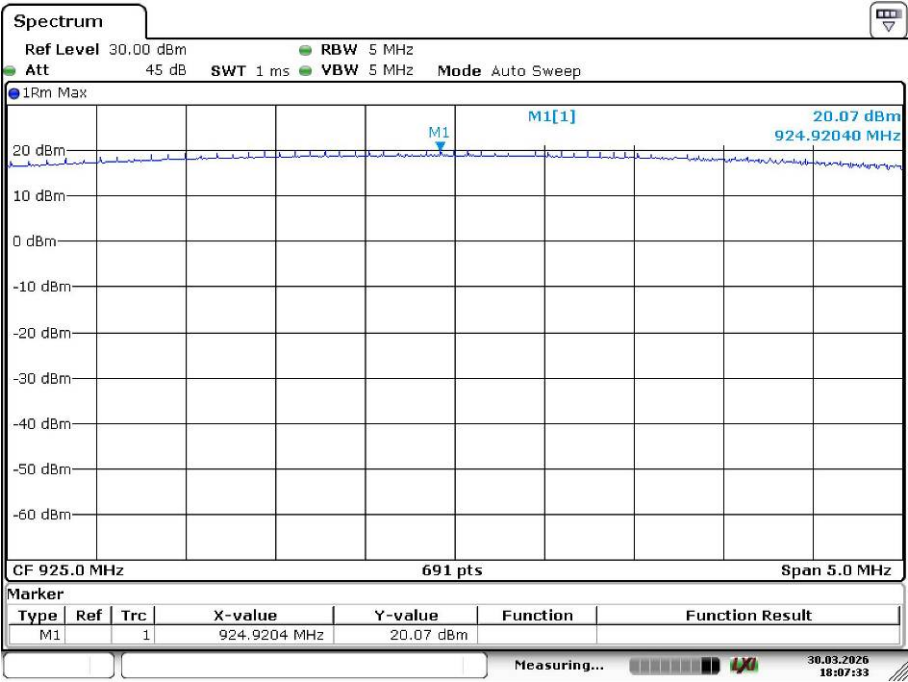


Results for 2M



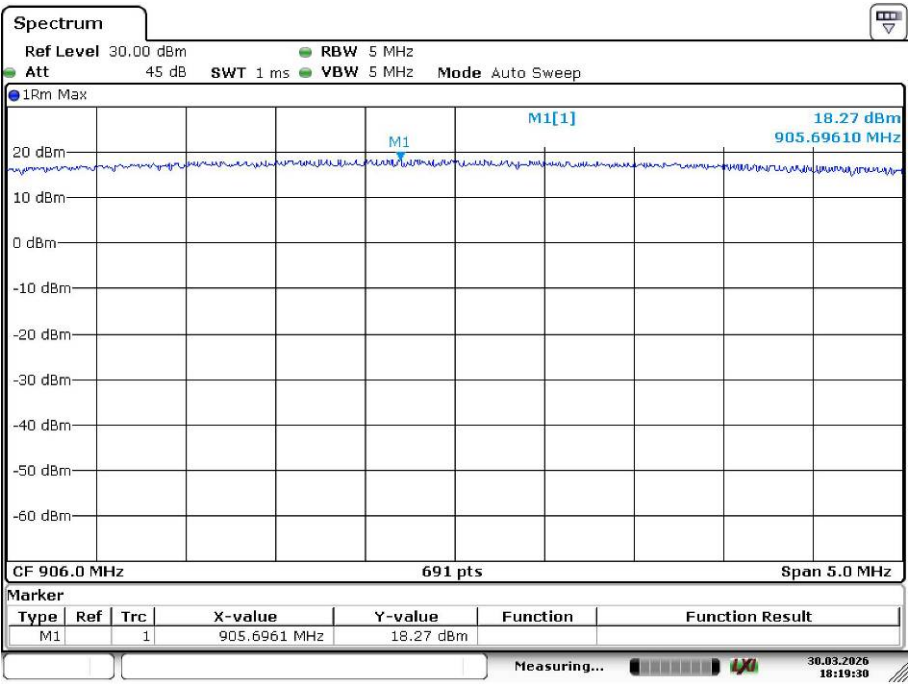


Date: 30. MAR 2026 18:06:47

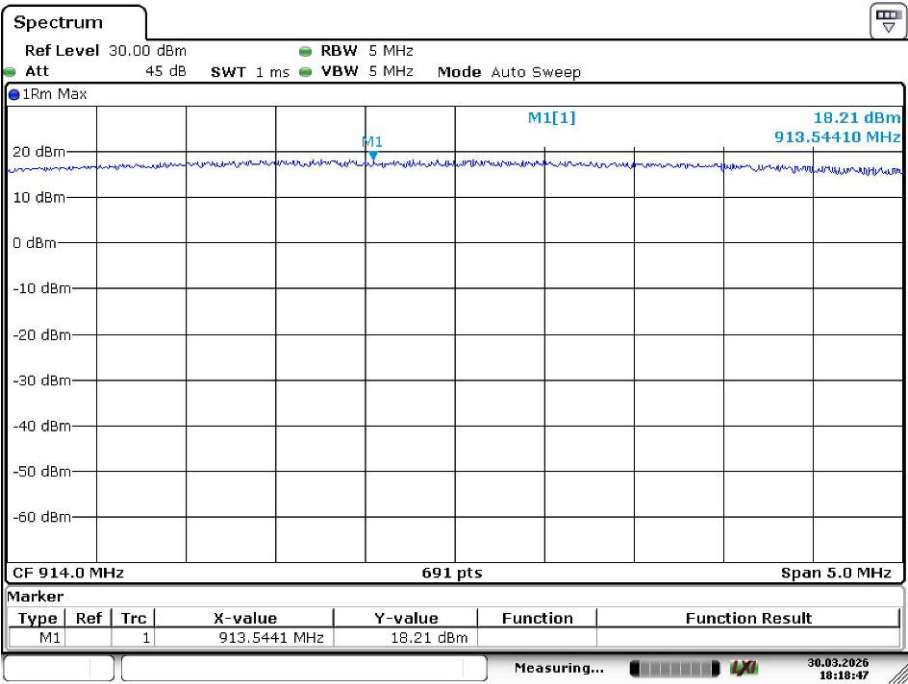


Date: 30. MAR 2026 18:07:33

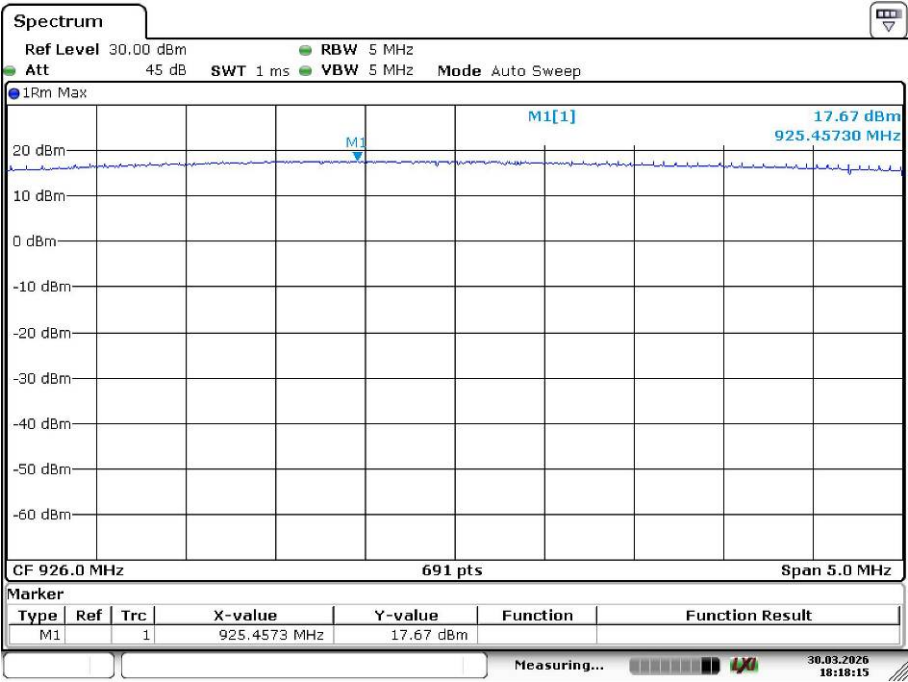
Results for 4M



Date: 30. MAR. 2026 18:19:30



Date: 30. MAR. 2026 18:18:48

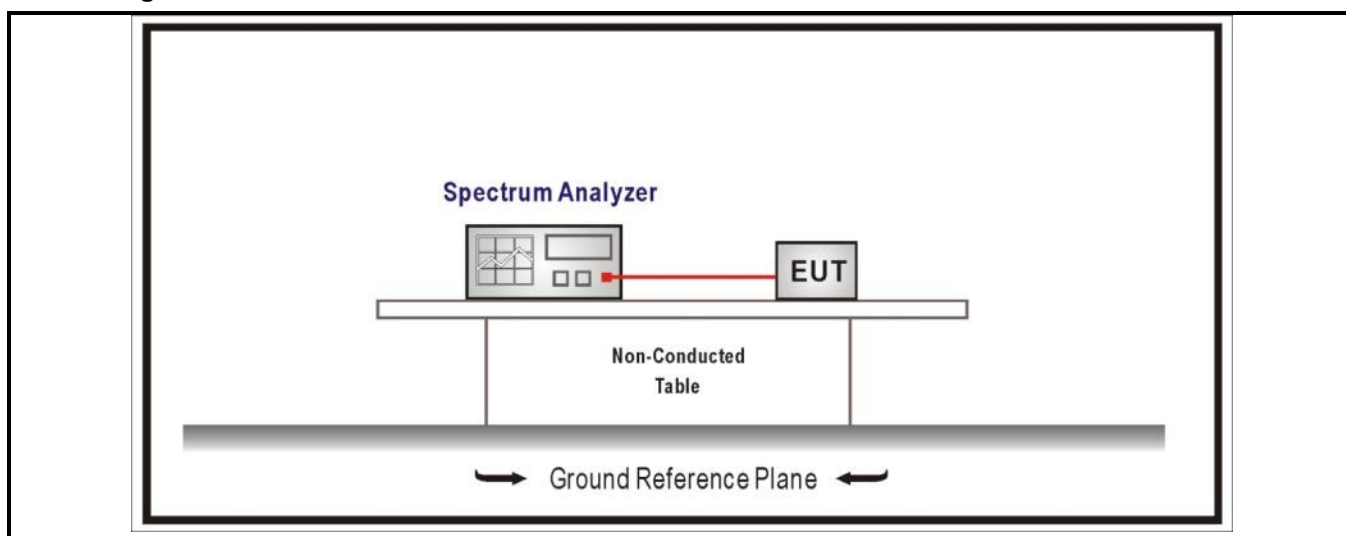


Date: 30. MAR. 2026 18:18:15

4.8 Power Spectral Density	VERDICT: PASS
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Standard	FCC Part 15 Subpart C Paragraph 15.247 (b)(3) RSS-247 Issue 4 Section 5.2(b)
Power Spectral Density $\leq 8\text{dBm}/3\text{kHz}$	

Test Configuration



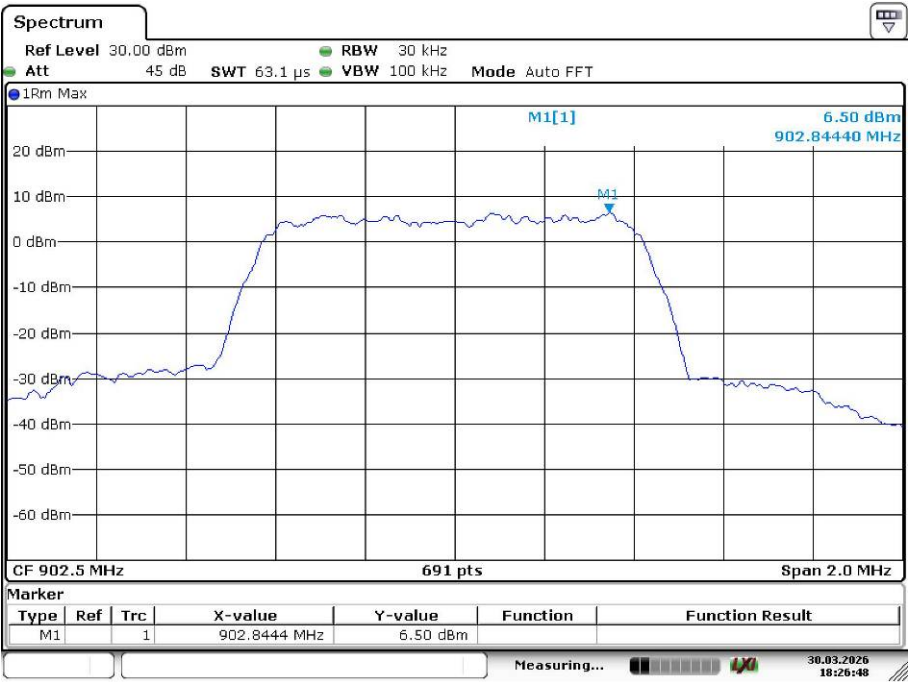
Performed measurements

Port under test	Antenna port	
Test method applied	☒	Conducted measurement
	☐	Radiated measurement
Test setup	Refer to the Annex 3 for test setup photo(s).	
Operating mode(s) used	Mode 1-3	
Remark	---	

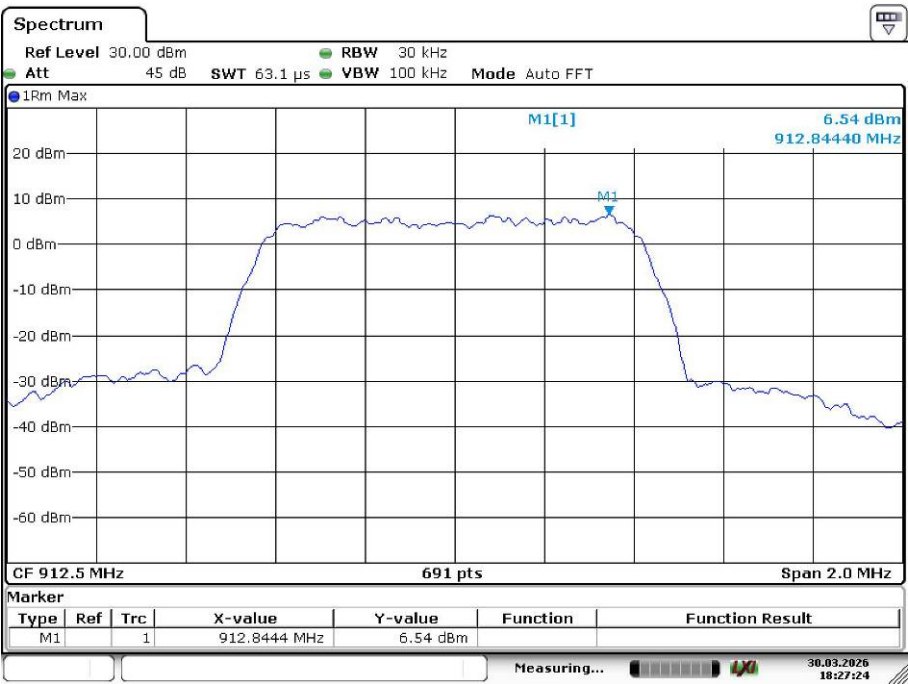
Results

Mode	Channel	Test Frequency (MHz)	RBW(kHz)/VBW(kHz)	Power Output (dBm/3kHz)	Limit (dBm/3kHz)	Result
1M	1	902.5	30/100	6.50	≤ 8	Pass
	11	912.5		6.54	≤ 8	Pass
	24	925.5		6.01	≤ 8	Pass
2M	1	903	50/200	5.65	≤ 8	Pass
	6	913		5.76	≤ 8	Pass
	12	925		6.05	≤ 8	Pass
4M	1	906	50/200	2.68	≤ 8	Pass
	3	914		2.76	≤ 8	Pass
	6	926		2.04	≤ 8	Pass

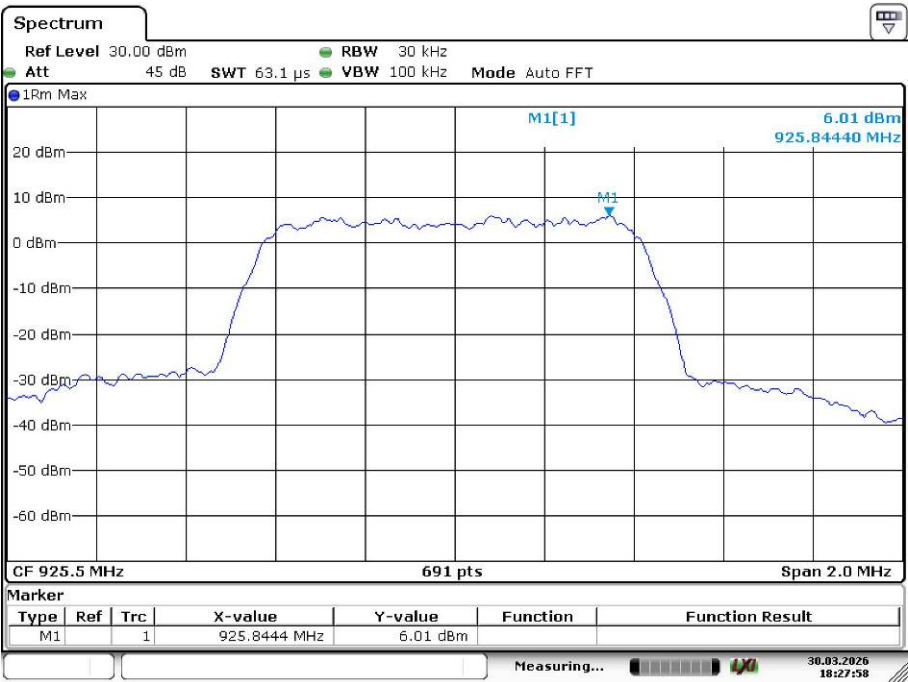
Results for 1M



Date: 30. MAR 2026 18:26:48

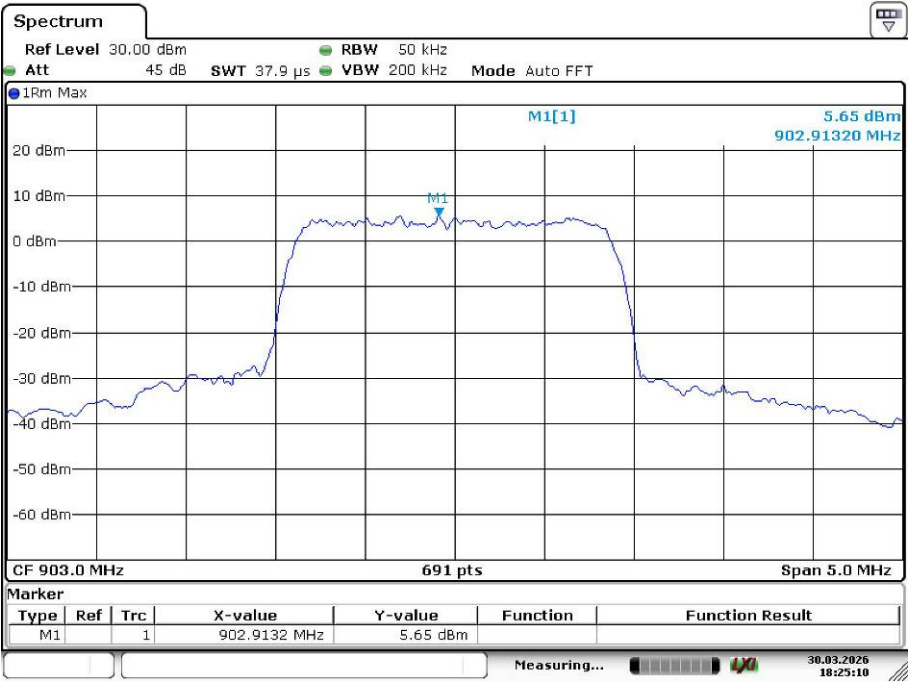


Date: 30. MAR 2026 18:27:24

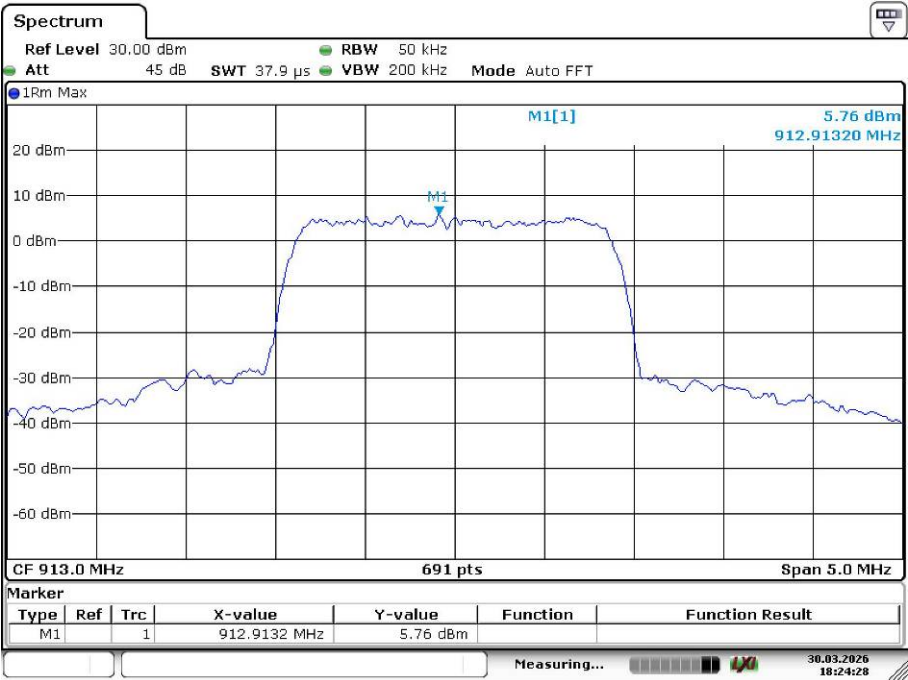


Date: 30. MAR.2026 18:27:58

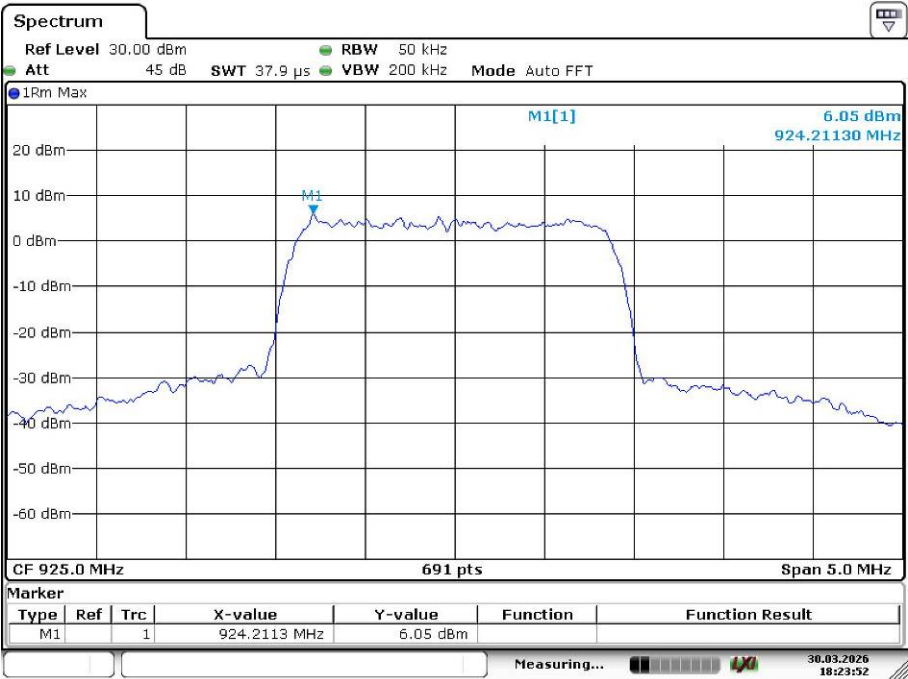
Results for 2M



Date: 30. MAR.2026 18:25:10

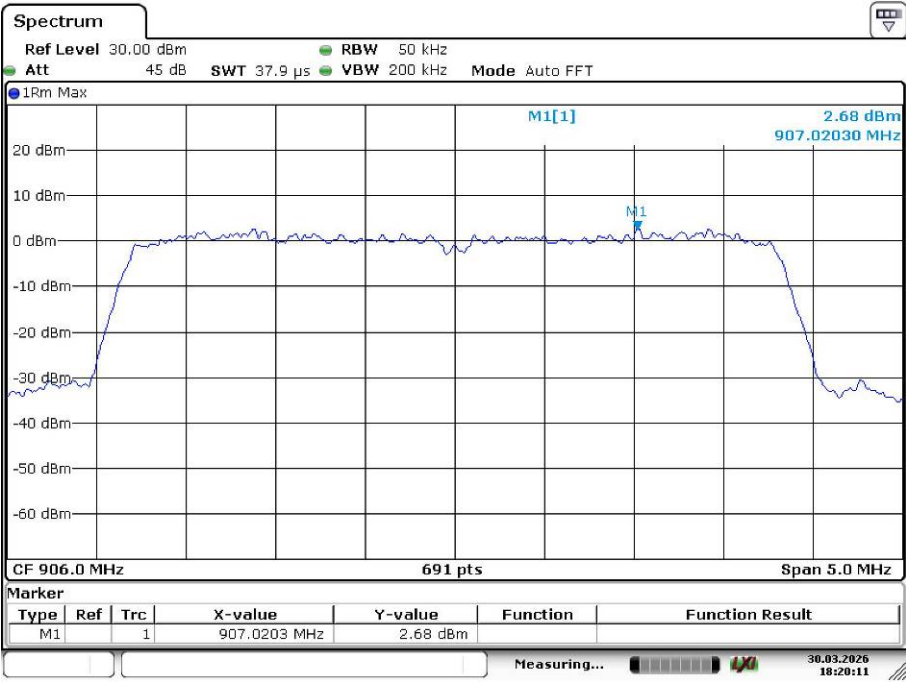


Date: 30. MAR 2026 18:24:28

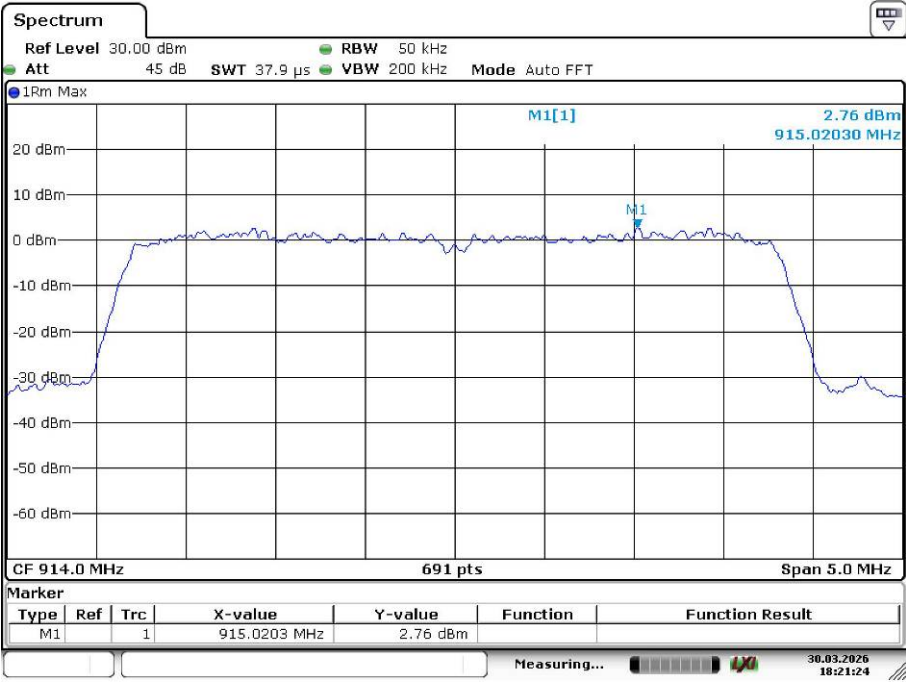


Date: 30. MAR 2026 18:23:53

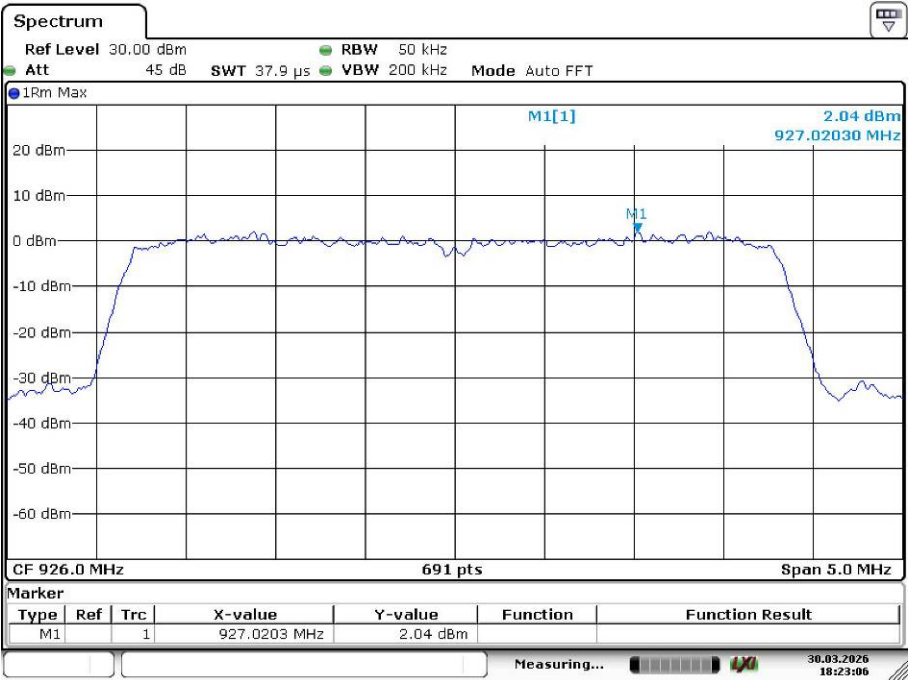
Results for 4M



Date: 30. MAR 2026 18:20:12



Date: 30. MAR 2026 18:21:24



Date: 30. MAR. 2026 18:23:06

5 IDENTIFICATION OF THE EQUIPMENT UNDER TEST

The photographs show the tested device.

Refer to documents External photo and Internal photo.

ANNEX 1 – MEASUREMENT UNCERTAINTY

Test Item	Uncertainty
Occupied Channel Bandwidth	$\pm 0,7\%$
RF Output power, conducted	$\pm 0,6\text{dB}$
Power Spectral Density, Conducted	$\pm 0,6\text{dB}$
Unwanted Emissions, Conducted	$\pm 0.7\text{dB}$
Spurious (30-1000MHz)	$\pm 4,4\text{dB}$
Spurious (1-18GHz)	$\pm 4,4\text{dB}$

ANNEX 2 - USED EQUIPMENT

For RF

Instrumentation	Manufacturer	Model	Serial no.	DEKRA No.	Cal. Last date	Cal Due date
Spectrum analyzer	R&S	FSV	SN101012	G/L1235	2025/11/18	2026/11/17
Chamber	ETS	/	/	G/L856	2025/03/12	2027/03/11
Horn antenna (1GHz-18GHz)	R&S	HF907	102306	G/L1236	2025/05/28	2026/05/27
Horn antenna preamplifier	Schwarzbeek	SCU-18	102234	G/L1236-1	2025/01/08 2026/01/06	2026/01/07 2027/01/05
Horn antenna (18GHz-26.5GHz)	ETS	3160-09	00164643	G/L1237	2025/01/17 2026/01/16	2026/01/16 2027/01/15
Horn antenna preamplifier	/	SCU-26D	1879064	G/L1237-1	2025/01/13 2026/01/12	2026/01/12 2027/01/11
EMI receiver	R&S	ESCI	101205	G/L857	2025/05/14	2026/05/13
Antenna (30MHz-2GHz)	SCHWARZBECK	VULB9168	01229	GZ2018	2025/04/17	2026/04/16
OSP	R&S	OSP 150	101907	GZ1893	2025/01/08 2026/01/07	2026/01/07 2027/01/06
Signal generator	R&S	SMB 100A	181317	GZ1895	2025/01/08 2026/01/07	2026/01/07 2027/01/06
Vector signal generator	R&S	SMBV100A	263671	GZ1896	2025/01/08 2026/01/07	2026/01/07 2027/01/06
Wireless connectivity tester	R&S	CMW 270	100990	GZ1894	2025/01/08 2026/01/07	2026/01/07 2027/01/06
Manual step attenuator (11dB)	Keysight	8494B	TH60074118	GZ2086	2029/09/03	2026/09/02
Manual step attenuator (70dB)	Keysight	8495D	TH60074471	GZ2087	2029/09/03	2026/09/02
Band filter	HX Microwave	HXLBQ-DZA219	23080804-1	GZ2464	2025/07/15	2026/07/14
Test software	R&S	EMC32	Version 11.30.00	---	-	-

For Radiated electromagnetic disturbances (9 kHz to 30 MHz)

Instrumentation	Manufacturer	Model No.	Serial No.	DEKRA No.	Cal. Last date	Cal. Due date
Shielding Room	Changzhou Feite	/	/	G/L861	2024/03/25	2027/03/24
EMI Receiver	R&S	ESCI	101206	G/L857	2025/05/14	2026/05/13
Dimensional Loop ANTENNA	SCHWARZBECK	HXY9170	9170-206	G/L866	2025/05/13	2026/05/12

ANNEX 3 - TEST PHOTOS

Refer to document Test setup.

--- END ---