



# FCC PART 15C TEST REPORT No.24T04Z100472-008

for

**Guangdong OPPO Mobile Telecommunications Corp., Ltd.**

**Mobile Phone**

**CPH2625**

**FCC ID:R9C-OP23262**

with

**Hardware Version: 11**

**Software Version: ColorOS 14.1**

**Issued Date: 2024-05-11**

**Note:**

The test results in this test report relate only to the devices specified in this report. This report shall not be reproduced except in full without the written approval of CTTL.

**Test Laboratory:**

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## **REPORT HISTORY**

<b>Report Number</b>	<b>Revision</b>	<b>Description</b>	<b>Issue Date</b>
24T04Z100472-008	Rev.0	1st edition	2024-04-24
24T04Z100472-008	Rev.1	Add the conducted result description on page10.	2024-05-11

Note: the latest revision of the test report supersedes all previous version.

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## **1. Test Laboratory**

### **1.1. Introduction & Accreditation**

**Telecommunication Technology Labs, CAICT** is an ISO/IEC 17025:2017 accredited test laboratory under American Association for Laboratory Accreditation (A2LA) with lab code 7049.01, and is also an FCC accredited test laboratory (CN1349), and ISED accredited test laboratory (CAB identifier:CN0066). The detail accreditation scope can be found on A2LA website.

### **1.2. Testing Location**

Location 1:CTTL(Huayuan North Road)

Address: No. 52, Huayuan North Road, Haidian District, Beijing,  
P. R. China100191

Location 2:CTTL(huayuan North Road)

Address: No. 52, Huayuan North Road, Haidian District, Beijing,  
100191, P. R. China

### **1.3. Testing Environment**

Normal Temperature: 15-35°C  
Relative Humidity: 20-75%

### **1.4. Project date**

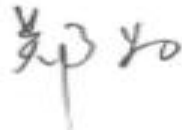
Testing Start Date: 2024-03-19  
Testing End Date: 2024-04-23

### **1.5. Signature**



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Yao Xingyu  
(Prepared this test report)



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Zheng Wei  
(Reviewed this test report)



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Pang Shuai  
(Approved this test report)



## **2. Client Information**

### **2.1. Applicant Information**

Company Name: Guangdong OPPO Mobile Telecommunications Corp., Ltd.  
Address: NO.18 HaiBin Road, Wusha Village, Chang'an Town, DongGuan City,  
Guangdong Province, P.R. China  
City: DongGuan  
Postal Code: /  
Country: China  
Telephone: (86)76986076999  
Fax: /

### **2.2. Manufacturer Information**

Company Name: Guangdong OPPO Mobile Telecommunications Corp., Ltd.  
Address: NO.18 HaiBin Road, Wusha Village, Chang'an Town, DongGuan City,  
Guangdong Province, P.R. China  
City: DongGuan  
Postal Code: /  
Country: China  
Telephone: (86)76986076999  
Fax: /

### **3. Equipment Under Test (EUT) and Ancillary Equipment (AE)**

#### **3.1. About EUT**

Description	Mobile Phone
Model name	CPH2625
FCC ID	R9C-OP23262
With WLAN Function	Yes
Frequency Band	ISM 2400MHz~2483.5MHz
Type of Modulation	DSSS/CCK/OFDM/OFDMA
Number of Channels	11
Antenna	Integral Antenna
MAX Conducted Power	27dBm
Nominal Voltage	3.91V
Extreme High Voltage	4.55V
Extreme Low Voltage	3.4V

#### **3.2. Internal Identification of EUT**

<b>EUT ID*</b>	<b>SN or IMEI</b>	<b>HW Version</b>	<b>SW Version</b>	<b>Date of receipt</b>
UT11a	869029070043335/ 869029070043327	11	ColorOS 14.1	2024-03-27
UT09a	869029070036479	11	ColorOS 14.1	2024-04-02

\*EUT ID: is used to identify the test sample in the lab internally.

UT11a is used for Conduction test, UT09a is used for Radiation test.

#### **3.3. Internal Identification of AE**

<b>AE ID*</b>	<b>Description</b>	<b>Note</b>	<b>Manufacturer</b>
AE1-1	Battery	BLPA59	Sunwoda
AE1-2	Battery	BLPA59	TWS Technology(GuangZhou) Limited
AE2-1	Charger	VCB80AUH	Huizhou Golden Lake Industrial Co., Ltd
AE2-2	Charger	VCB80AUH	Dongguan Aohai Technolgy Co., Ltd.
AE3	USB cable	/	/
AE4-1	Charger	VCB80AEH	Aohai
AE4-2	Charger	VCB80AEH	GoldenLake
AE4-3	Charger	VCB80ATH	Aohai
AE4-4	Charger	VCB80AAH	Aohai
AE4-5	Charger	VCB80AYH	Aohai
AE4-6	Charger	VCB80AUH	Aohai
AE4-7	Charger	VCB80AUH	GoldenLake

\*AE ID: is used to identify the test sample in the lab internally.



### **3.4. General Description**

The Equipment under Test (EUT) is a model of Mobile Phone with integrated antenna and inbuilt battery.

It consists of normal options: travel charger, USB cable.

Manual and specifications of the EUT were provided to fulfil the test.

Samples undergoing test were selected by the client.

### **3.5. Interpretation of the Test Environment**

For the test methods, the test environment uncertainty figures correspond to an expansion factor  $k=2$ .

Measurement Uncertainty

Parameter	Uncertainty
temperature	0.48°C
humidity	2 %
DC voltages	0.003V

## **4. Reference Documents**

### **4.1. Documents supplied by applicant**

EUT feature information is supplied by the applicant or manufacturer, which is the basis of testing.

### **4.2. Reference Documents for testing**

The following documents listed in this section are referred for testing.

Reference	Title	Version
FCC Part15	FCC CFR 47, Part 15, Subpart C: 15.205 Restricted bands of operation; 15.209 Radiated emission limits, general requirements; 15.247 Operation within the bands 902-928MHz, 2400-2483.5 MHz, and 5725-5850 MHz.	2021
ANSI C63.10	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices Federal Communications Commission Office of Engineering and Technology Laboratory Division	2013
KDB 558074 D01	GUIDANCE FOR COMPLIANCE MEASUREMENTS ON DIGITAL TRANSMISSION SYSTEM, FREQUENCY HOPPING SPREAD SPECTRUM SYSTEM, AND HYBRID SYSTEM DEVICES OPERATING UNDER SECTION 15.247 OF THE FCC RULES	2019

## 5. LABORATORY ENVIRONMENT

Conducted RF performance testing is performed in shielding room.

EMC performance testing is performed in Semi-anechoic chamber.

## 6. Test Results

### 6.1. Summary of Test Results

SUMMARY OF MEASUREMENT RESULTS	Sub-clause of Part15C	Sub-clause of IC	Verdict
Maximum Peak Output Power	15.247 (b)	/	<b>P</b>
Peak Power Spectral Density	15.247 (e)	/	<b>P</b>
Occupied 6dB Bandwidth	15.247 (a)	/	<b>P</b>
Band Edges Compliance	15.247 (d)	/	<b>P</b>
Transmitter Spurious Emission - Conducted	15.247 (d)	/	<b>P</b>
Radiated Unwanted Emission	15.247, 15.205, 15.209	/	<b>P</b>
AC Powerline Conducted Emission	15.107, 15.207	/	<b>P</b>

Please refer to **ANNEX A** for detail.

Terms used in Verdict column

P	Pass, The EUT complies with the essential requirements in the standard.
NP	Not Perform, The test was not performed by CTTL
NA	Not Applicable, The test was not applicable
F	Fail, The EUT does not comply with the essential requirements in the standard

### 6.2. For conducted result :

For 802.11ax single RU modes, Both of the 20M and 40M are measured, as the PSD of 20M is the worse case, so the results of 20M are reflected in the report. the whole testing (PSD/band edges/ Transmitter Spurious Emission-Conducted) has reported only 802.11ax- HE20.

### 6.3. Statements

CTTL has evaluated the test cases as listed in section 6.1 of this report for the EUT specified in section 3 according to the standards or reference documents listed in section 4.

This report only deals with the WLAN function among the features described in section 3.

### 6.4. Test Conditions

For this report, all the test cases are tested under normal temperature and normal voltage, and also under norm humidity, the specific condition is shown as follows:

Temperature	26°C
Voltage	3.91V
Humidity	44%

## 7. Test Facilities Utilized

### Conducted test system

No.	Equipment	Model	Serial Number	Manufacturer	Calibration Period	Calibration Due date
1	Vector Signal Analyzer	FSQ40	200089	Rohde & Schwarz	1 year	2024-07-04
2	Vector Signal Analyzer	FSW67	104051	Rohde & Schwarz	1 year	2025-04-01
3	Test Receiver	ESCI	100344	R&S	2 years	2025-02-20
4	LISN	ENV216	101200	R&S	1 year	2024-06-04
5	Attenuator	10dB/2W	/	Rosenberger	/	/
6	Shielding Room	S81	/	ETS-Lindgren	/	/

### Radiated emission test system

No.	Equipment	Model	Serial Number	Manufacturer	Calibration Period	Calibration Due date
1	Test Receiver	ESW44	103144	R&S	1 year	2024-11-26
2	EMI Antenna	VULB 9163	01223	SCHWARZBECK	2 years	2024-07-18
3	EMI Antenna	3115	6914	ETS-Lindgren	1 year	2024-05-07
4	EMI Antenna	3116	2661	ETS-Lindgren	2 years	2025-01-30

## 8. Measurement Uncertainty

### 8.1. Maximum Output Power

Measurement Uncertainty: 0.387dB,k=1.96

### 8.2. Peak Power Spectral Density

Measurement Uncertainty: 0.705dB,k=1.96

### 8.3. DTS 6-dB Signal Bandwidth

Measurement Uncertainty: 60.80Hz,k=1.96

### 8.4. Band Edges Compliance

Measurement Uncertainty : 0.62dB,k=1.96

### 8.5. Transmitter Spurious Emission

#### Conducted (k=1.96)

Frequency Range	Uncertainty(dB)
$30\text{MHz} \leq f \leq 2\text{GHz}$	1.22
$2\text{GHz} \leq f \leq 3.6\text{GHz}$	1.22
$3.6\text{GHz} \leq f \leq 8\text{GHz}$	1.22
$8\text{GHz} \leq f \leq 12.75\text{GHz}$	1.51
$12.75\text{GHz} \leq f \leq 26\text{GHz}$	1.51
$26\text{GHz} \leq f \leq 40\text{GHz}$	1.59

#### Radiated (k=2)

Frequency Range	Uncertainty(dB)
9kHz-30MHz	4.92
$30\text{MHz} \leq f \leq 1\text{GHz}$	4.72
$1\text{GHz} \leq f \leq 18\text{GHz}$	4.84
$18\text{GHz} \leq f \leq 40\text{GHz}$	5.12

### 8.6. AC Power-line Conducted Emission

Measurement Uncertainty : 3.08dB,k=2

## **ANNEX A: Detailed Test Results**

### **A.1. Measurement Method**

#### **A.1.1. Conducted Measurements**

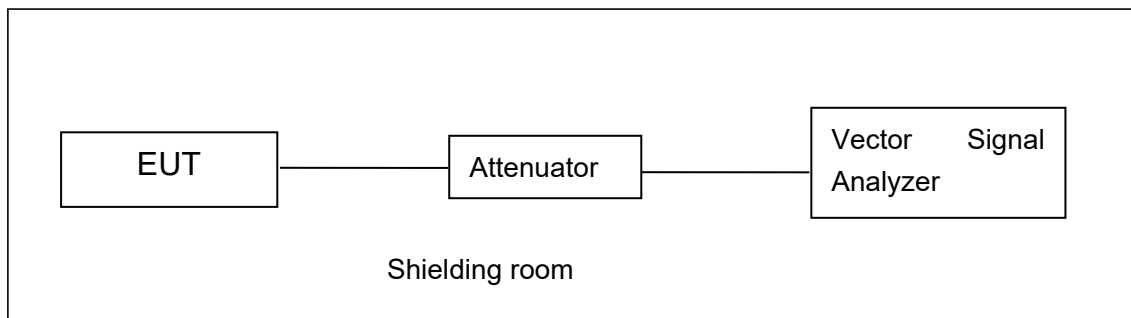
Connect the EUT to the test system as Fig.A.1.1.1 shows.

Set the EUT to the required work mode.

Set the EUT to the required channel.

Set the Vector Signal Analyzer and start measurement.

Record the values. Vector Signal Analyzer



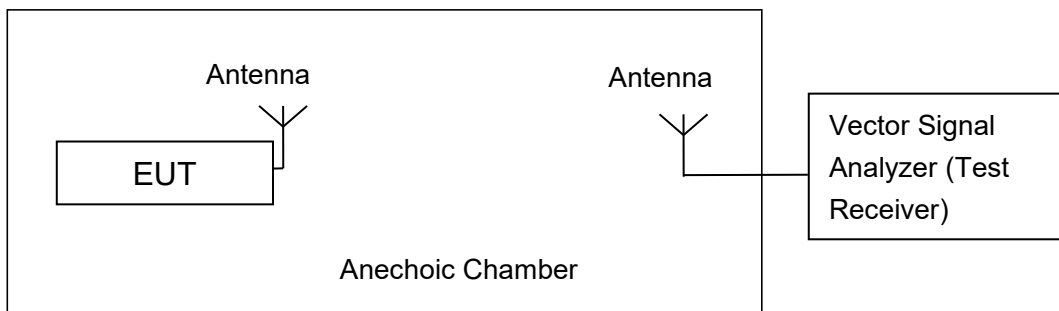
**Fig.A.1.1.1: Test Setup Diagram for Conducted Measurements**

#### **A.1.2. Radiated Emission Measurements**

In the case of radiated emission, the used settings are as follows,

Sweep frequency from 30 MHz to 1GHz, RBW = 100 kHz, VBW = 300 kHz;

Sweep frequency from 1 GHz to 26GHz, RBW = 1MHz, VBW = 3MHz;



**Fig.A.1.2.1: Test Setup Diagram for Radiated Measurements**

## A.2. Maximum Output Power

**Method of Measurement: See ANSI C63.10-2013-clause 11.9.1.3**

The maximum peak conducted output power may be measured using a broadband peak RF power meter. The power meter shall have a video bandwidth that is greater than or equal to the DTS bandwidth and shall use a fast-responding diode detector.

**Measurement Limit:**

Standard	Limit (dBm)
FCC CRF Part 15.247(b)	< 30

### A.2.1 Antenna Gain

Antenna gain is -1.0/-2.0dBi(ANT8/ANT9) and the value is supplied by the applicant or manufacturer.

### A.2.2. Peak Output Power-conducted

**EUT ID: UT11a**

**Measurement Results:**

**MIMO**

**802.11b mode**

Mode	Data Rate (Mbps)	Test Result (dBm)								
		ANT8			ANT9			MIMO		
		2412MHz (Ch1)	2437MHz (Ch6)	2462 MHz (Ch11)	2412MHz (Ch1)	2437MHz (Ch6)	2462 MHz (Ch11)	2412MHz (Ch1)	2437MHz (Ch6)	2462 MHz (Ch11)
802.11b	1	20.15	20.12	20.52	20.29	20.97	20.45	23.23	23.58	23.50

The data rate 1Mbps is selected as worst condition, and the following cases are performed with this condition.

**802.11g mode**

Mode	Data Rate (Mbps)	Test Result (dBm)								
		ANT8			ANT9			MIMO		
		2412MHz (Ch1)	2437MHz (Ch6)	2462 MHz (Ch11)	2412MHz (Ch1)	2437MHz (Ch6)	2462 MHz (Ch11)	2412MHz (Ch1)	2437MHz (Ch6)	2462 MHz (Ch11)
802.11g	6	23.53	23.90	23.52	23.66	23.98	23.45	26.61	26.95	26.50

The data rate 6Mbps is selected as worst condition, and the following cases are performed with this condition.

**802.11n-HT20 mode**

Mode	Data Rate (Index)	Test Result (dBm)								
		ANT8			ANT9			MIMO		
		2412MHz (Ch1)	2437MHz (Ch6)	2462 MHz (Ch11)	2412MHz (Ch1)	2437MHz (Ch6)	2462 MHz (Ch11)	2412MHz (Ch1)	2437MHz (Ch6)	2462 MHz (Ch11)
802.11n (20MHz)	MCS0	23.79	23.98	23.76	23.94	23.92	23.85	26.88	26.96	26.82

The data rate MSC0 is selected as worst condition, and the following cases are performed with this condition.

**802.11n-HT40 mode**

Mode	Data Rate (Index)	Test Result (dBm)								
		ANT8			ANT9			MIMO		
		2422MHz (Ch3)	2437MHz (Ch6)	2452 MHz (Ch9)	2422MHz (Ch3)	2437MHz (Ch6)	2452 MHz (Ch9)	2422MHz (Ch3)	2437MHz (Ch6)	2452 MHz (Ch9)
802.11n (40MHz)	MCS0	23.85	23.98	23.93	23.92	23.99	23.92	26.90	27.00	26.94

The data rate MSC0 is selected as worst condition, and the following cases are performed with this condition.

**802.11ax-HE20 mode**

Mode	Data Rate (Index)	Test Result (dBm)								
		ANT8			ANT9			MIMO		
		2412MHz (Ch1)	2437MHz (Ch6)	2462 MHz (Ch11)	2412MHz (Ch1)	2437MHz (Ch6)	2462 MHz (Ch11)	2412MHz (Ch1)	2437MHz (Ch6)	2462 MHz (Ch11)
802.11ax (20MHz)	MCS0	23.98	24.02	24.03	23.96	23.86	23.89	26.98	26.95	26.97

The data rate MSC0 is selected as worst condition, and the following cases are performed with this condition.

**802.11ax-HE40 mode**

Mode	Data Rate (Index)	Test Result (dBm)								
		ANT8			ANT9			MIMO		
		2422MHz (Ch3)	2437MHz (Ch6)	2452 MHz (Ch9)	2422MHz (Ch3)	2437MHz (Ch6)	2452 MHz (Ch9)	2422MHz (Ch3)	2437MHz (Ch6)	2452 MHz (Ch9)
802.11ax (40MHz)	MCS0	22.86	24.00	23.97	22.33	23.96	24.00	25.61	26.99	27.00

The data rate MSC0 is selected as worst condition, and the following cases are performed with this condition.

**RU MIMO**
**802.11ax-HE20-RU26 mode**

Mode	Data Rate (Mbps)	Test Result (dBm)								
		ANT8			ANT9			MIMO		
		2412 MHz (Ch1)	2437 MHz (Ch6)	2462 MHz (Ch11)	2412 MHz (Ch1)	2437 MHz (Ch6)	2462 MHz (Ch11)	2412 MHz (Ch1)	2437 MHz (Ch6)	2462 MHz (Ch11)
802.11ax-HE 20- RU26-left	MCS0	17.86	17.96	18.57	17.15	17.24	18.12	20.53	20.63	21.36
802.11ax-HE 20- RU26-right	MCS0	18.14	17.74	17.95	17.56	17.32	17.97	20.87	20.55	20.97

The data rate MSC0 are selected as worst condition, and the following cases are performed with this condition.

**802.11ax-HE20-RU52 mode**

Mode	Data Rate (Mbps)	Test Result (dBm)								
		ANT8			ANT9			MIMO		
		2412 MHz (Ch1)	2437 MHz (Ch6)	2462 MHz (Ch11)	2412 MHz (Ch1)	2437 MHz (Ch6)	2462 MHz (Ch11)	2412 MHz (Ch1)	2437 MHz (Ch6)	2462 MHz (Ch11)
802.11ax-HE 20- RU52-left	MCS0	20.81	20.33	21.01	20.23	20.70	20.75	23.54	23.28	23.89
802.11ax-HE 20- RU52-right	MCS0	21.07	20.69	20.59	20.55	20.39	20.70	23.83	23.55	23.66

The data rate MSC0 are selected as worst condition, and the following cases are performed with this condition.



**802.11ax-HE20-RU106 mode**

Mode	Data Rate (Mbps)	Test Result (dBm)								
		ANT8			ANT9			MIMO		
		2412 MHz (Ch1)	2437 MHz (Ch6)	2462 MHz (Ch11)	2412 MHz (Ch1)	2437 MHz (Ch6)	2462 MHz (Ch11)	2412 MHz (Ch1)	2437 MHz (Ch6)	2462 MHz (Ch11)
802.11ax-HE 20-RU106-left	MCS0	23.59	23.56	23.77	23.98	23.61	23.82	26.98	26.60	26.81
802.11ax-HE 20-RU106-right	MCS0	23.92	23.64	23.72	24.02	23.59	23.69	26.98	26.63	26.72

The data rate MCS0 are selected as worst condition, and the following cases are performed with this condition.

**Duty Cycle**

Mode	802.11b	802.11g	802.11n20	802.11n40	802.11ax-20	802.11ax-40
Duty Cycle	100%	100%	100%	100%	100%	100%

Mode	802.11ax-20 RU26	802.11ax-20 RU52	802.11ax-20 RU106
Duty Cycle	86%	75%	60%

**Conclusion: Pass**

### **A.3. Peak Power Spectral Density**

**Method of Measurement: See ANSI C63.10-2013-clause 11.10.2**

- a) Set analyzer center frequency to DTS channel center frequency.
- b) Set the span to 1.5 times the DTS bandwidth.
- c) Set the RBW to RBW = 3 kHz.
- d) Set the VBW = 10 kHz.
- e) Detector = peak.
- f) Sweep time = auto couple.
- g) Trace mode = max hold.
- h) Allow trace to fully stabilize.
- i) Use the peak marker function to determine the maximum amplitude level within the RBW.

**Measurement Limit:**

Standard	Limit
FCC CRF Part 15.247(e)	< 8 dBm/3 kHz

**EUT ID: UT11a**

**Measurement Results:**

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant8	2412	-4.25	≤8.00	PASS
	Ant9	2412	-4.01	≤8.00	PASS
	total	2412	-1.12	≤8.00	PASS
	Ant8	2437	-4.34	≤8.00	PASS
	Ant9	2437	-3.35	≤8.00	PASS
	total	2437	-0.81	≤8.00	PASS
	Ant8	2462	-3.79	≤8.00	PASS
	Ant9	2462	-4.05	≤8.00	PASS
	total	2462	-0.91	≤8.00	PASS
11G	Ant8	2412	-7.64	≤8.00	PASS
	Ant9	2412	-8.09	≤8.00	PASS
	total	2412	-4.85	≤8.00	PASS
	Ant8	2437	-8.51	≤8.00	PASS
	Ant9	2437	-9.20	≤8.00	PASS
	total	2437	-5.83	≤8.00	PASS
	Ant8	2462	-8.44	≤8.00	PASS
	Ant9	2462	-9.10	≤8.00	PASS
	total	2462	-5.75	≤8.00	PASS
11N20MIMO	Ant8	2412	-8.42	≤8.00	PASS
	Ant9	2412	-8.12	≤8.00	PASS
	total	2412	-5.26	≤8.00	PASS
	Ant8	2437	-8.55	≤8.00	PASS
	Ant9	2437	-9.43	≤8.00	PASS
	total	2437	-5.96	≤8.00	PASS

	Ant8	2462	-8.98	≤8.00	PASS
	Ant9	2462	-9.63	≤8.00	PASS
	total	2462	-6.28	≤8.00	PASS
11N40MIMO	Ant8	2422	-10.79	≤8.00	PASS
	Ant9	2422	-11.13	≤8.00	PASS
	total	2422	-7.95	≤8.00	PASS
	Ant8	2437	-10.71	≤8.00	PASS
	Ant9	2437	-10.88	≤8.00	PASS
	total	2437	-7.78	≤8.00	PASS
	Ant8	2452	-10.67	≤8.00	PASS
	Ant9	2452	-11.91	≤8.00	PASS
	total	2452	-8.24	≤8.00	PASS
11AX20MIMO	Ant8	2412	-9.31	≤8.00	PASS
	Ant9	2412	-9.23	≤8.00	PASS
	total	2412	-6.26	≤8.00	PASS
	Ant8	2437	-10.38	≤8.00	PASS
	Ant9	2437	-10.43	≤8.00	PASS
	total	2437	-7.39	≤8.00	PASS
	Ant8	2462	-10.64	≤8.00	PASS
	Ant9	2462	-10.36	≤8.00	PASS
	total	2462	-7.49	≤8.00	PASS
11AX40MIMO	Ant8	2422	-13.27	≤8.00	PASS
	Ant9	2422	-14.57	≤8.00	PASS
	total	2422	-10.86	≤8.00	PASS
	Ant8	2437	-12.29	≤8.00	PASS
	Ant9	2437	-13.26	≤8.00	PASS
	total	2437	-9.74	≤8.00	PASS
	Ant8	2452	-11.88	≤8.00	PASS
	Ant9	2452	-12.94	≤8.00	PASS
	total	2452	-9.37	≤8.00	PASS

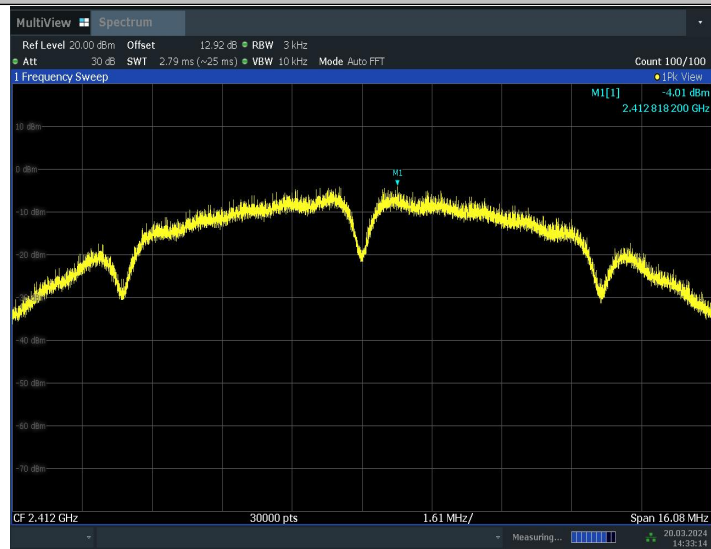
Test graphs as below:

11B\_Ant8\_2412



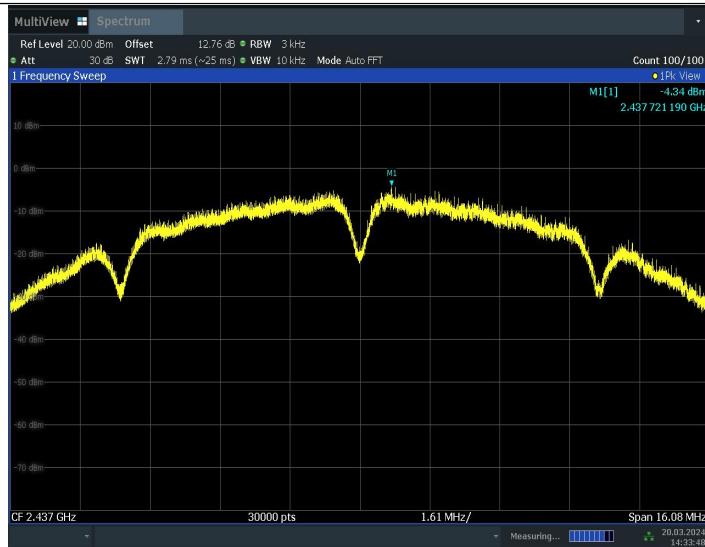
14:32:36 20.03.2024

11B\_Ant9\_2412



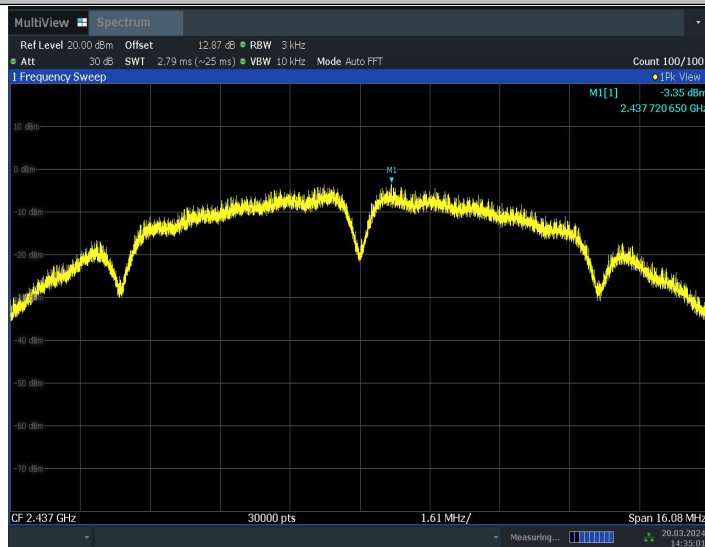
14:33:15 20.03.2024

11B\_Ant8\_2437



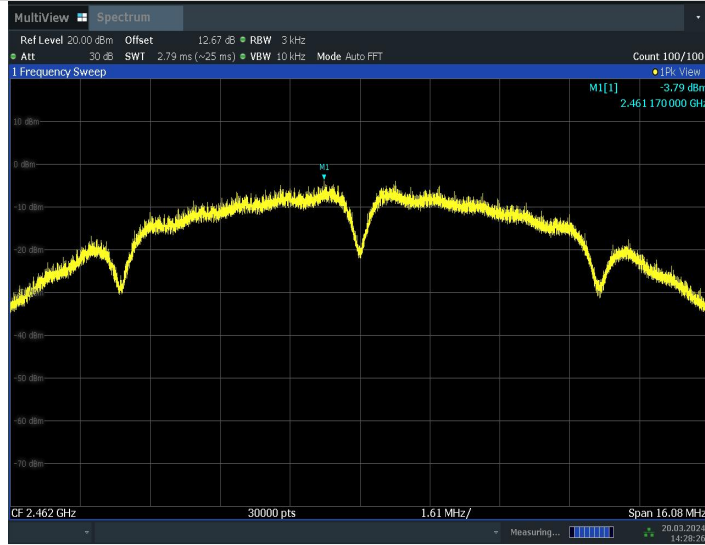
14:33:49 20.03.2024

11B\_Ant9\_2437



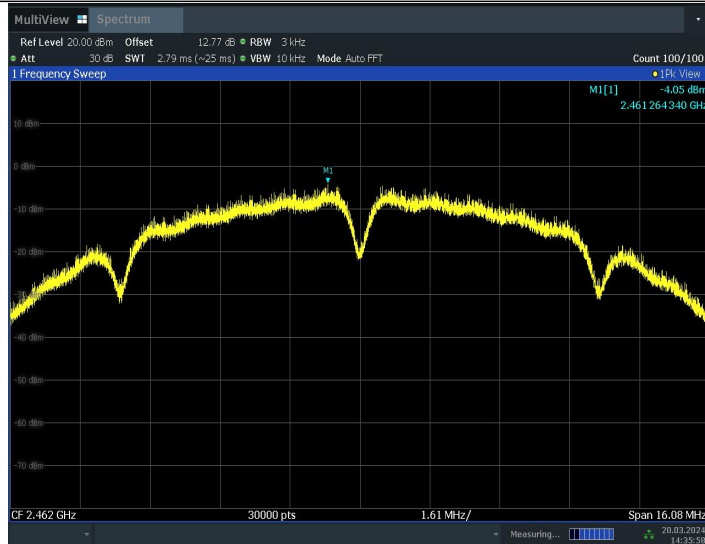
14:35:01 20.03.2024

11B\_Ant8\_2462



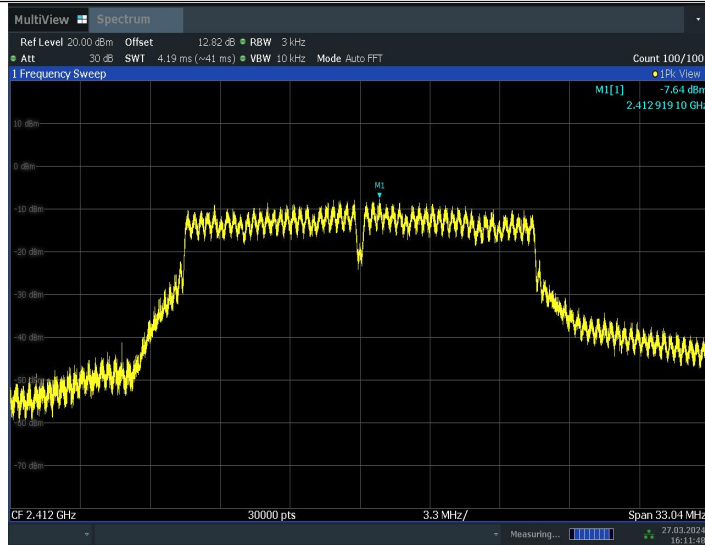
14:28:26 20.03.2024

11B\_Ant9\_2462



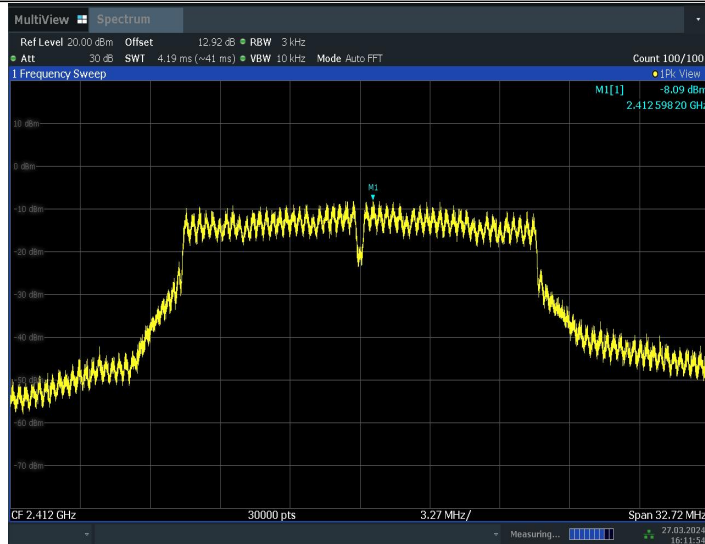
14:35:59 20.03.2024

11G\_Ant8\_2412



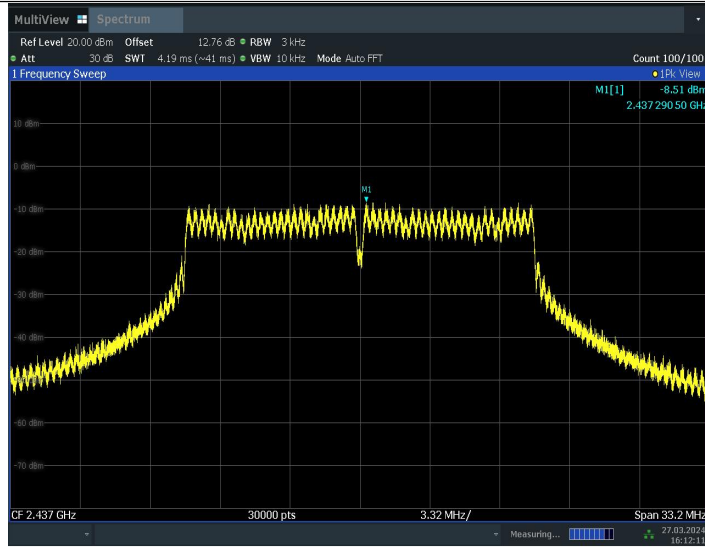
16:11:49 27.03.2024

11G\_Ant9\_2412



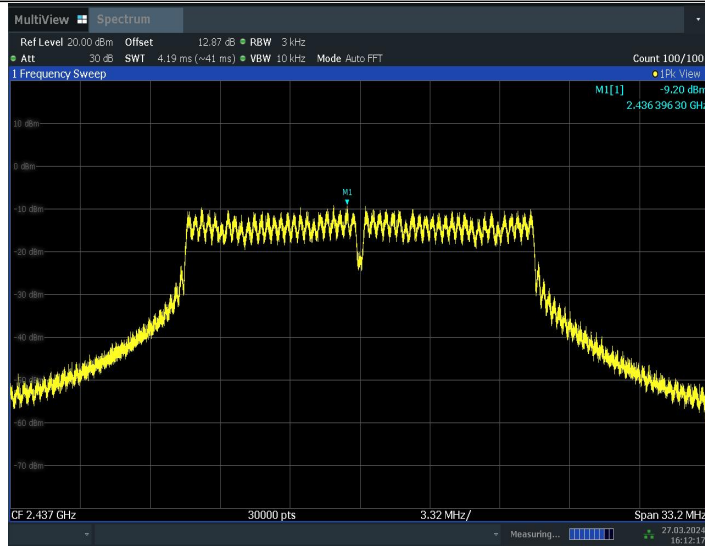
16:11:55 27.03.2024

11G\_Ant8\_2437



16:12:11 27.03.2024

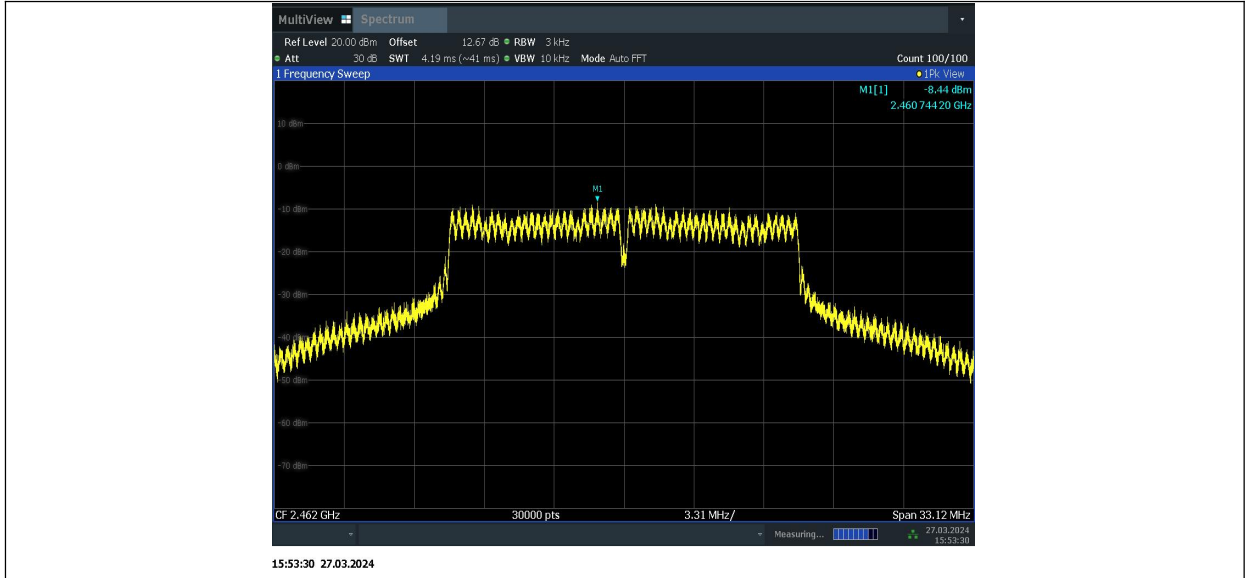
11G\_Ant9\_2437



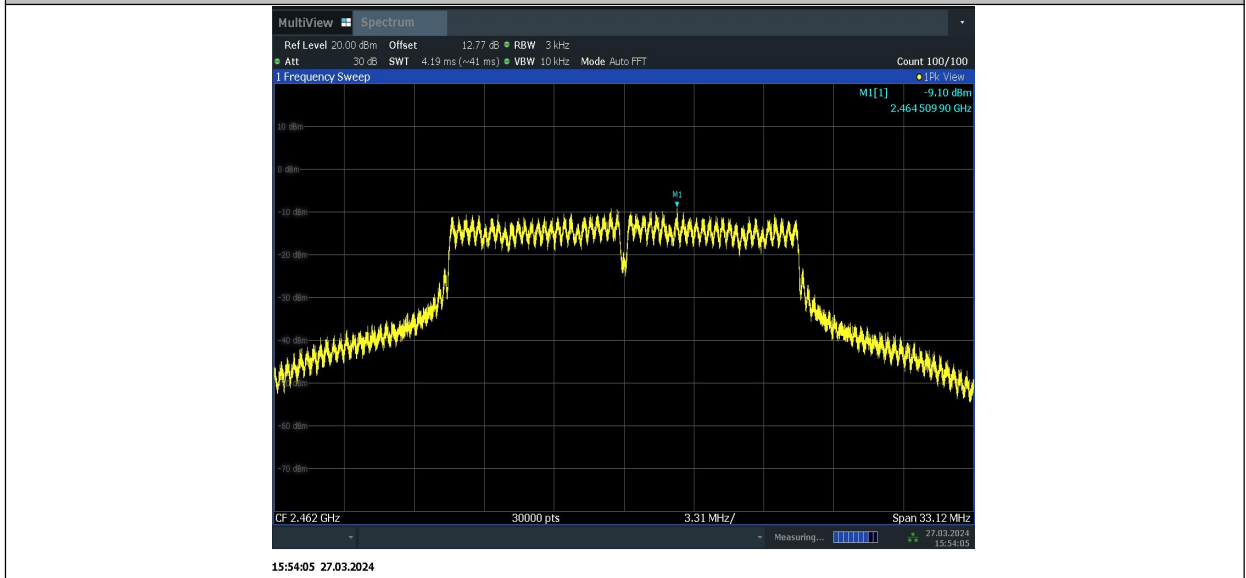
16:12:17 27.03.2024

11G\_Ant8\_2462

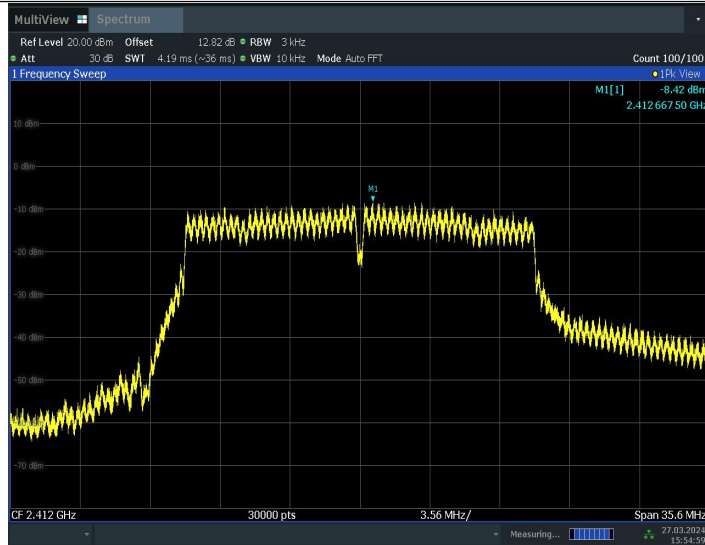




11G\_Ant9\_2462

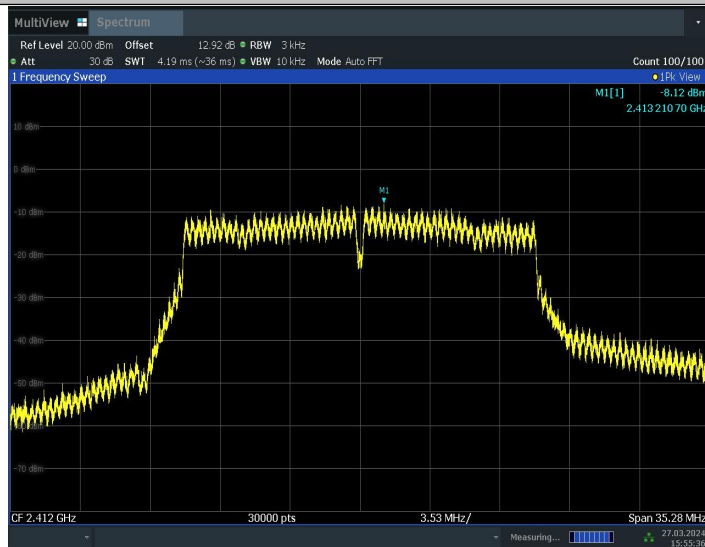


11N20MIMO\_Ant8\_2412



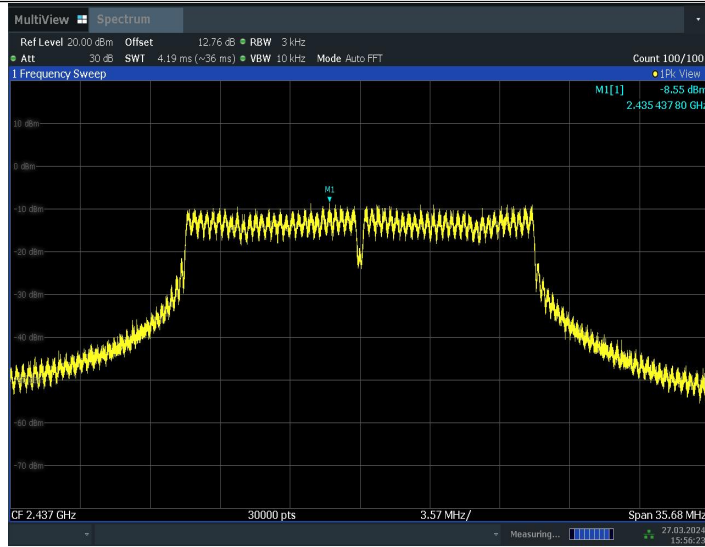
15:55:00 27.03.2024

11N20MIMO\_Ant9\_2412

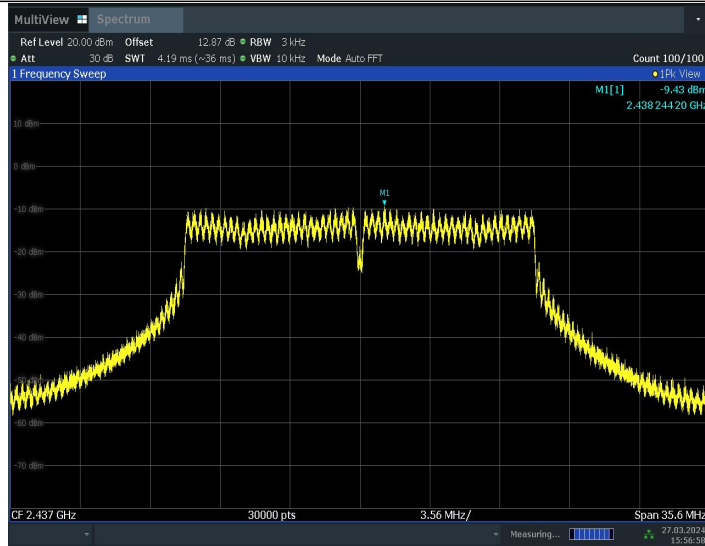


15:55:36 27.03.2024

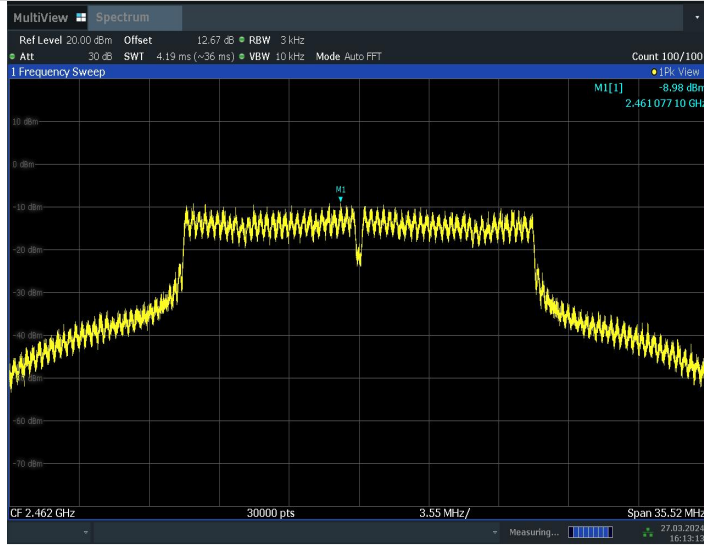
11N20MIMO\_Ant8\_2437



11N20MIMO\_Ant9\_2437

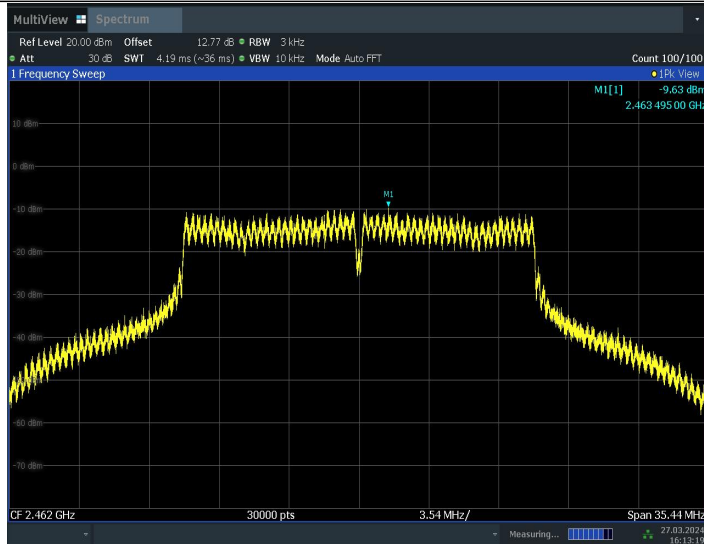


11N20MIMO\_Ant8\_2462



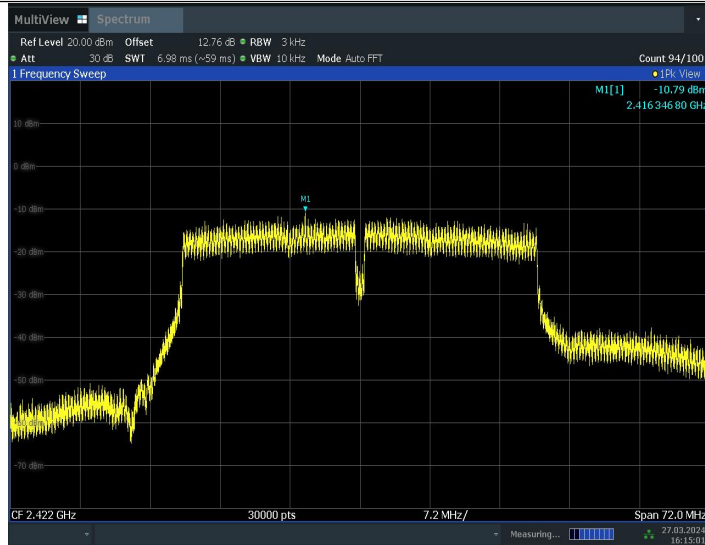
16:13:13 27.03.2024

11N20MIMO\_Ant9\_2462



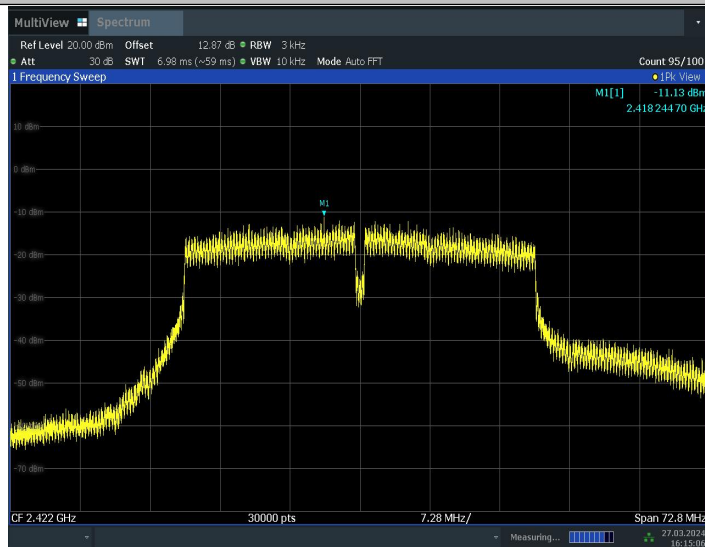
16:13:19 27.03.2024

11N40MIMO\_Ant8\_2422



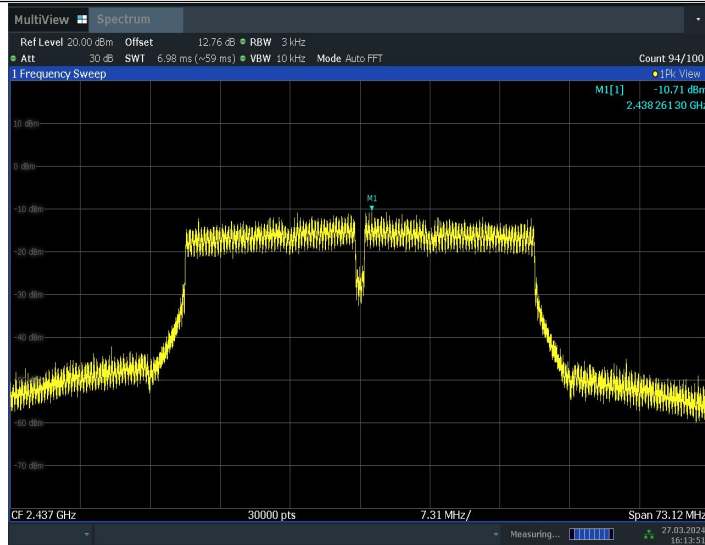
16:15:01 27.03.2024

11N40MIMO\_Ant9\_2422



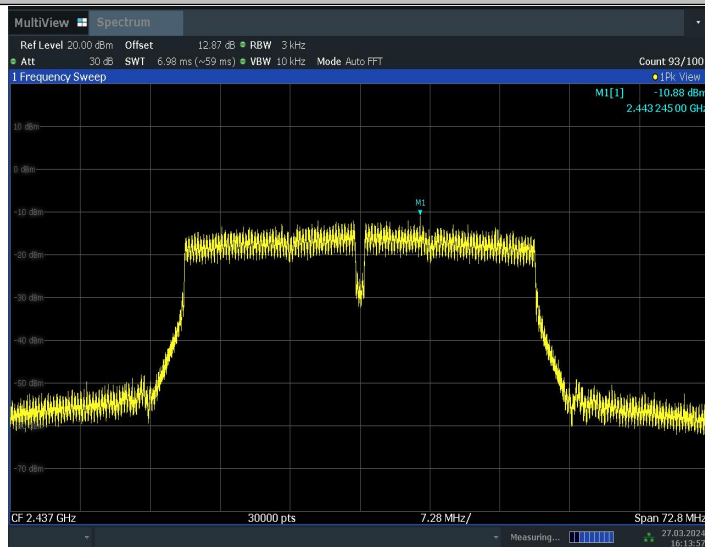
16:15:07 27.03.2024

11N40MIMO\_Ant8\_2437



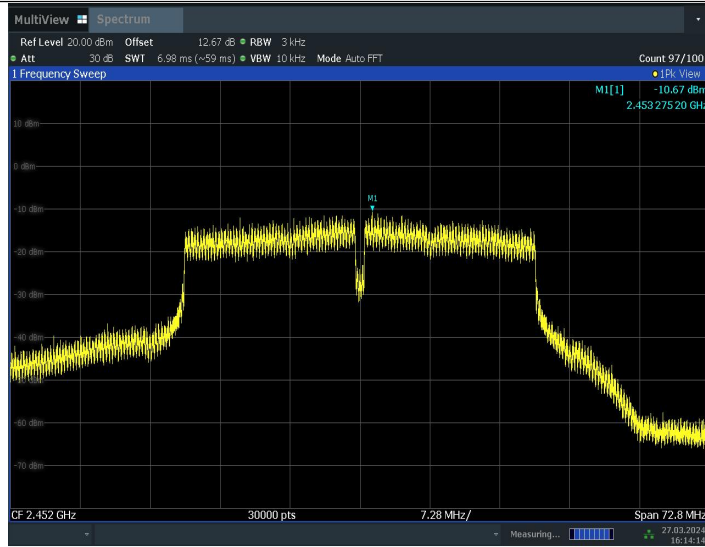
16:13:51 27.03.2024

11N40MIMO\_Ant9\_2437



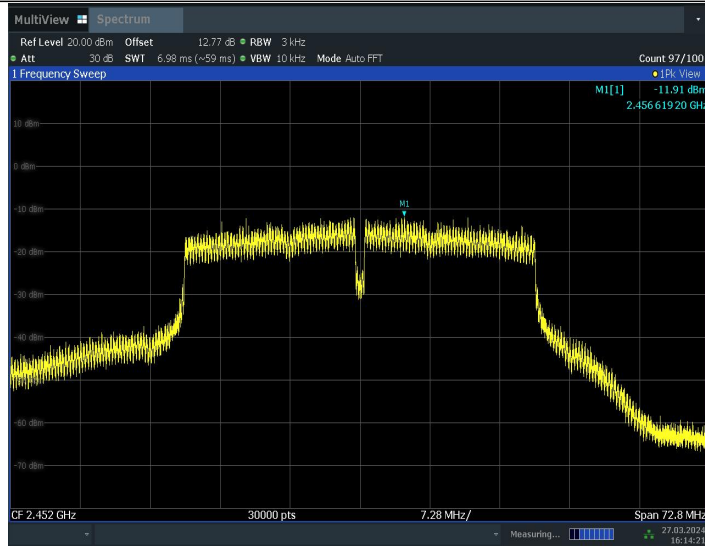
16:13:58 27.03.2024

11N40MIMO\_Ant8\_2452



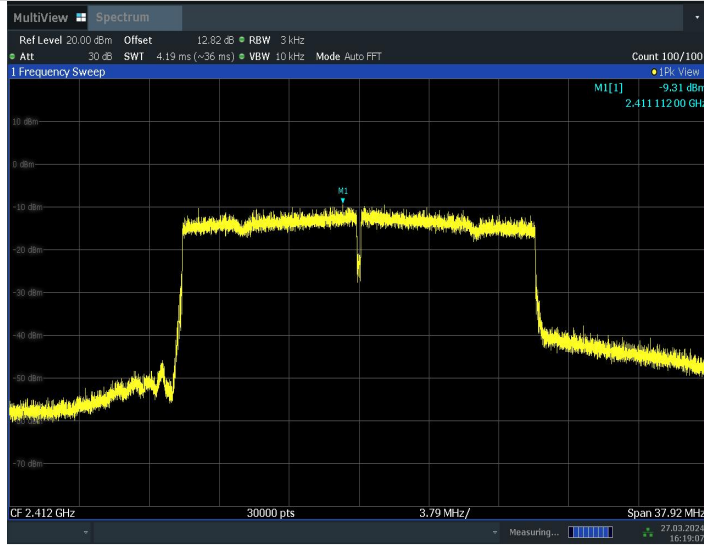
16:14:15 27.03.2024

11N40MIMO\_Ant9\_2452



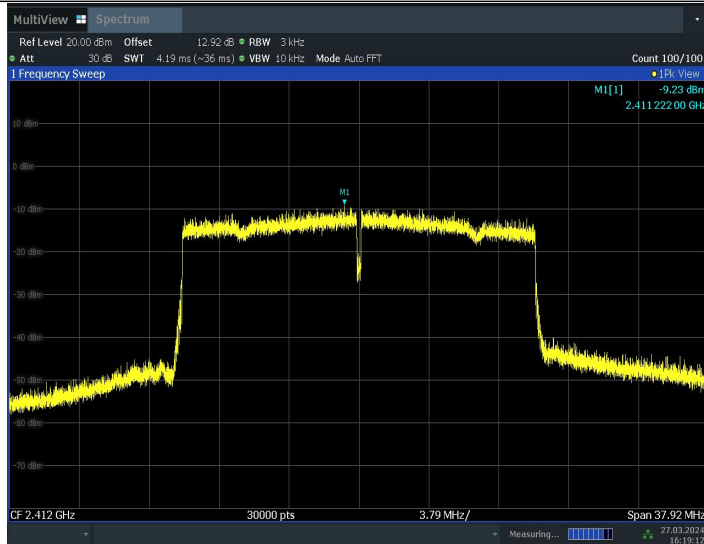
16:14:22 27.03.2024

11AX20MIMO\_Ant8\_2412



16:19:08 27.03.2024

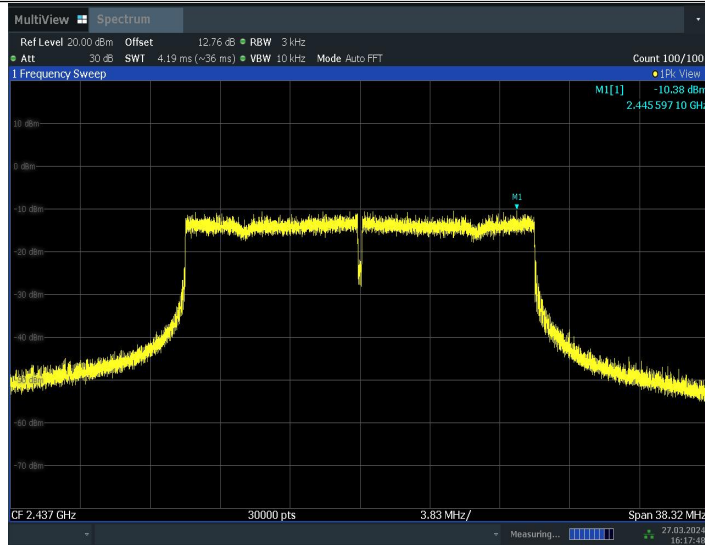
11AX20MIMO\_Ant9\_2412



16:19:13 27.03.2024

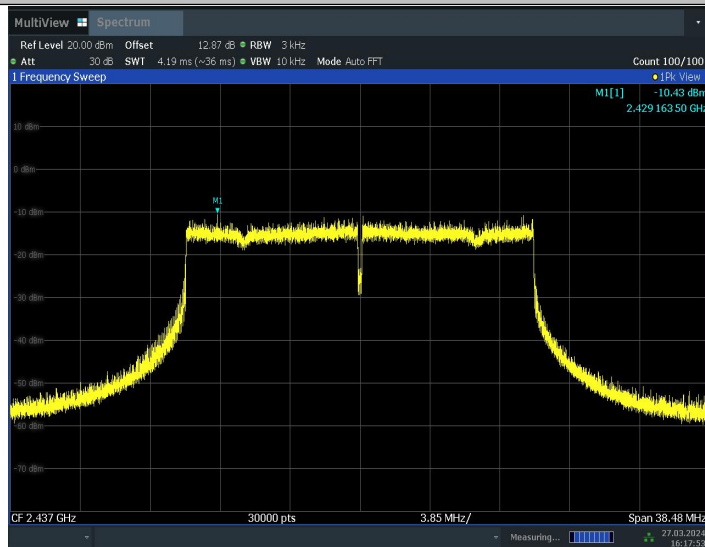
11AX20MIMO\_Ant8\_2437





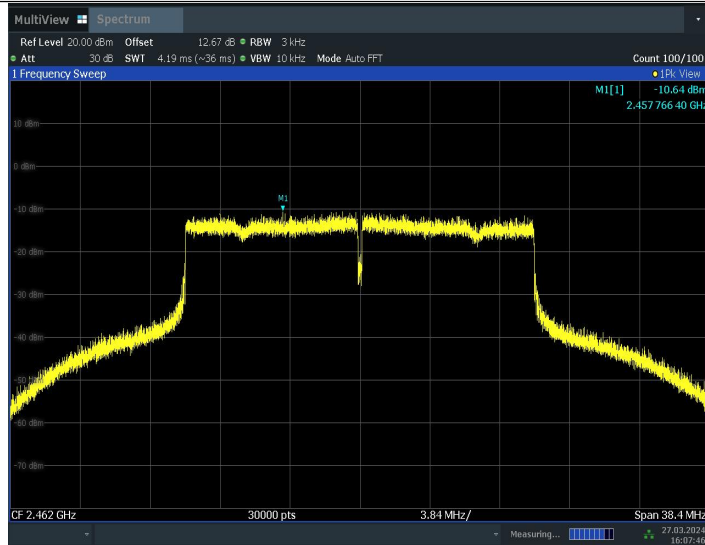
16:17:49 27.03.2024

11AX20MIMO\_Ant9\_2437



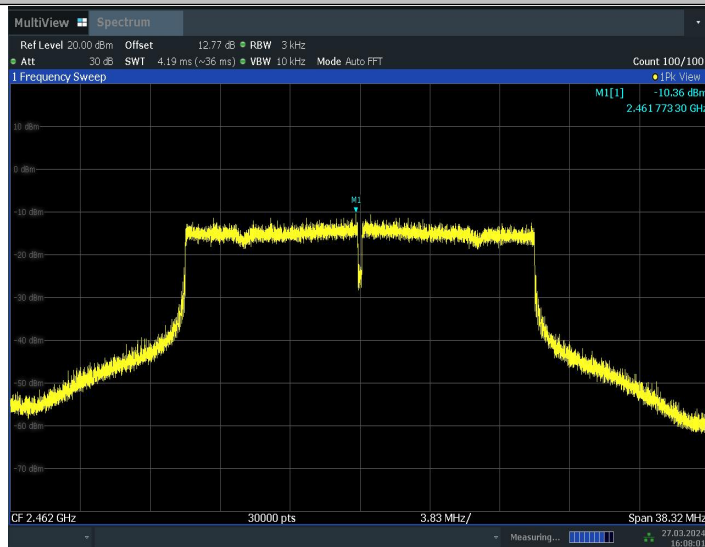
16:17:54 27.03.2024

11AX20MIMO\_Ant8\_2462



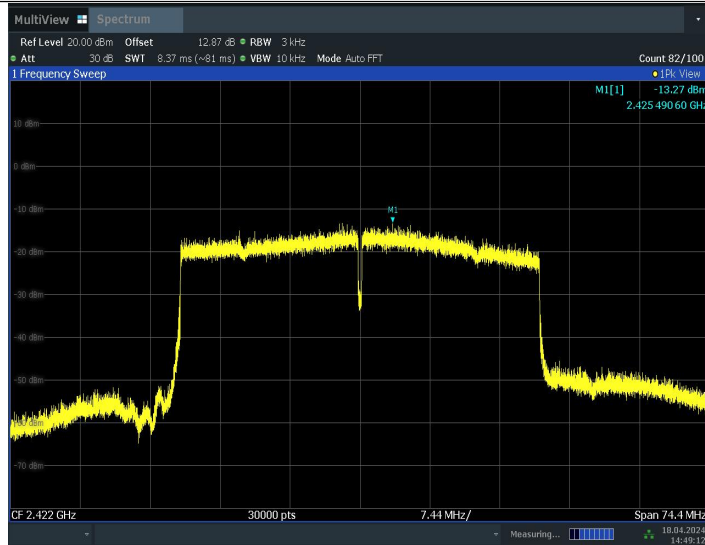
16:07:47 27.03.2024

11AX20MIMO\_Ant9\_2462



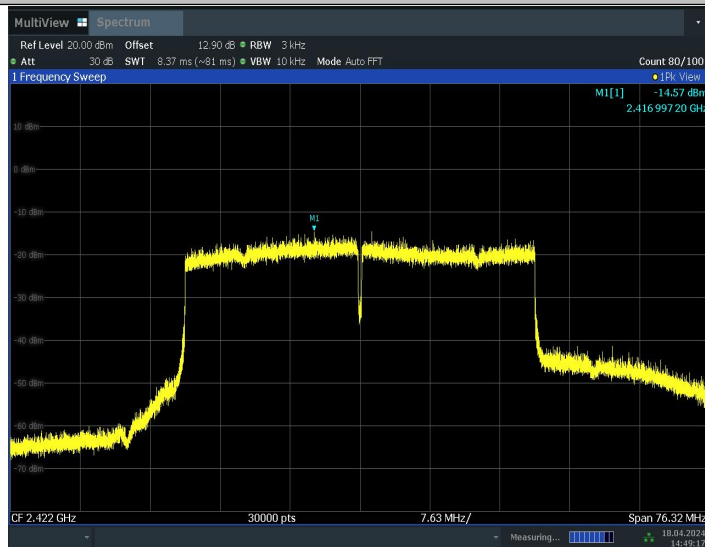
16:08:02 27.03.2024

11AX40MIMO\_Ant8\_2422



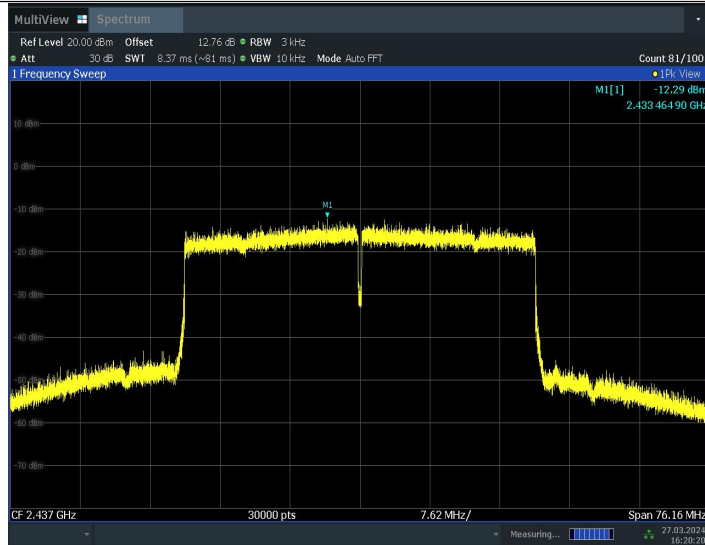
14:49:12 18.04.2024

11AX40MIMO\_Ant9\_2422



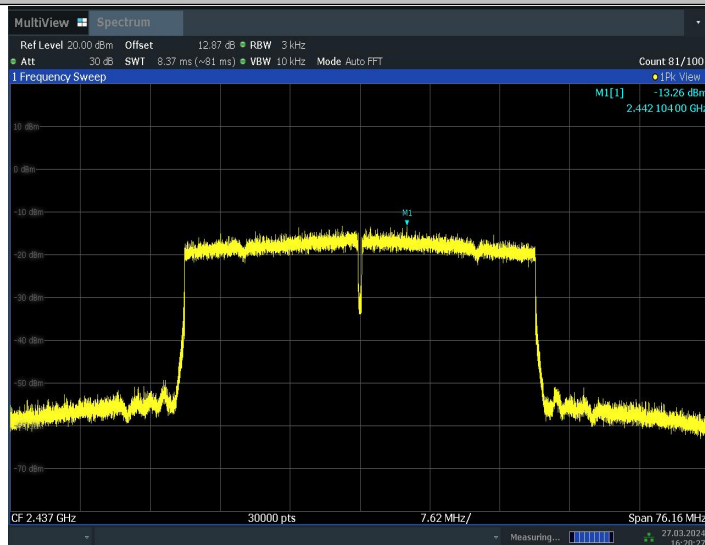
14:49:18 18.04.2024

11AX40MIMO\_Ant8\_2437



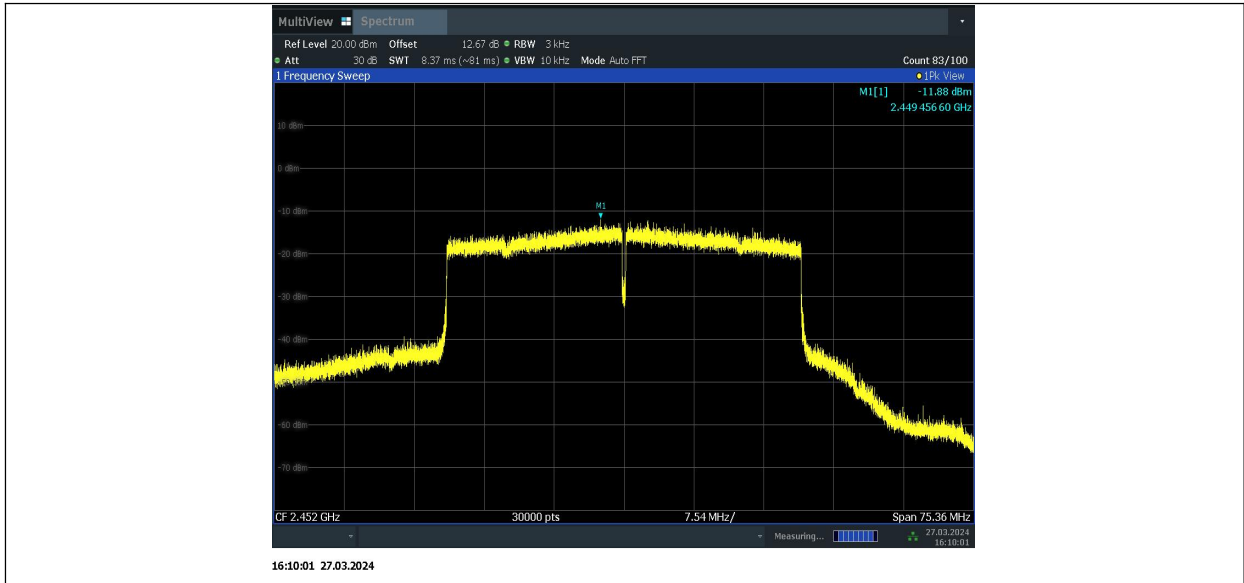
16:20:21 27.03.2024

11AX40MIMO\_Ant9\_2437

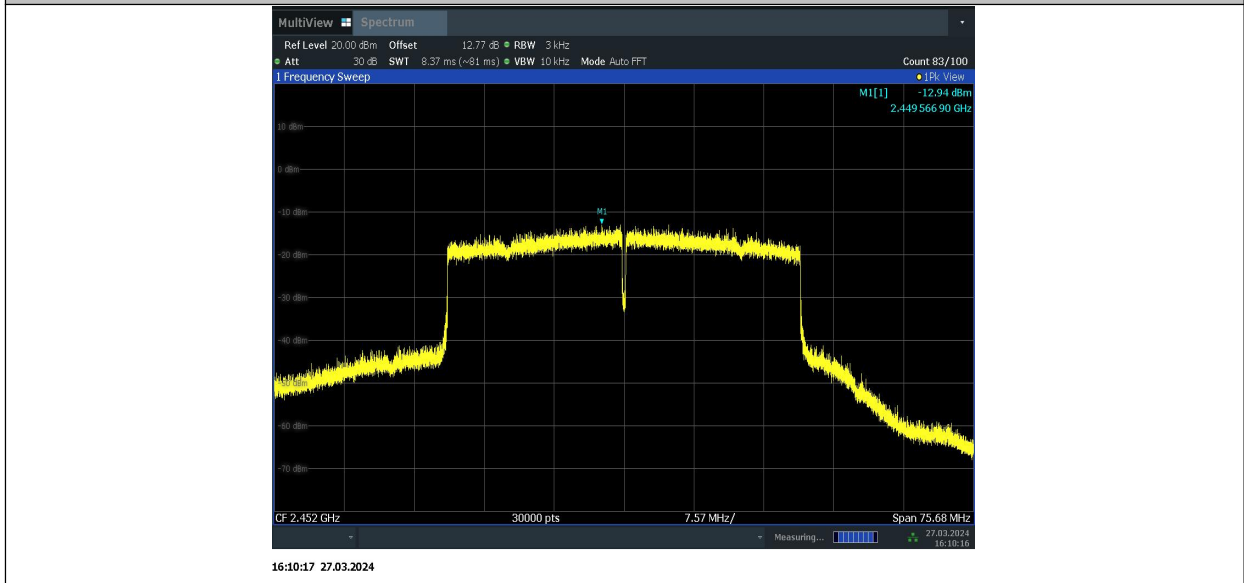


16:20:27 27.03.2024

11AX40MIMO\_Ant8\_2452



11AX40MIMO\_Ant9\_2452

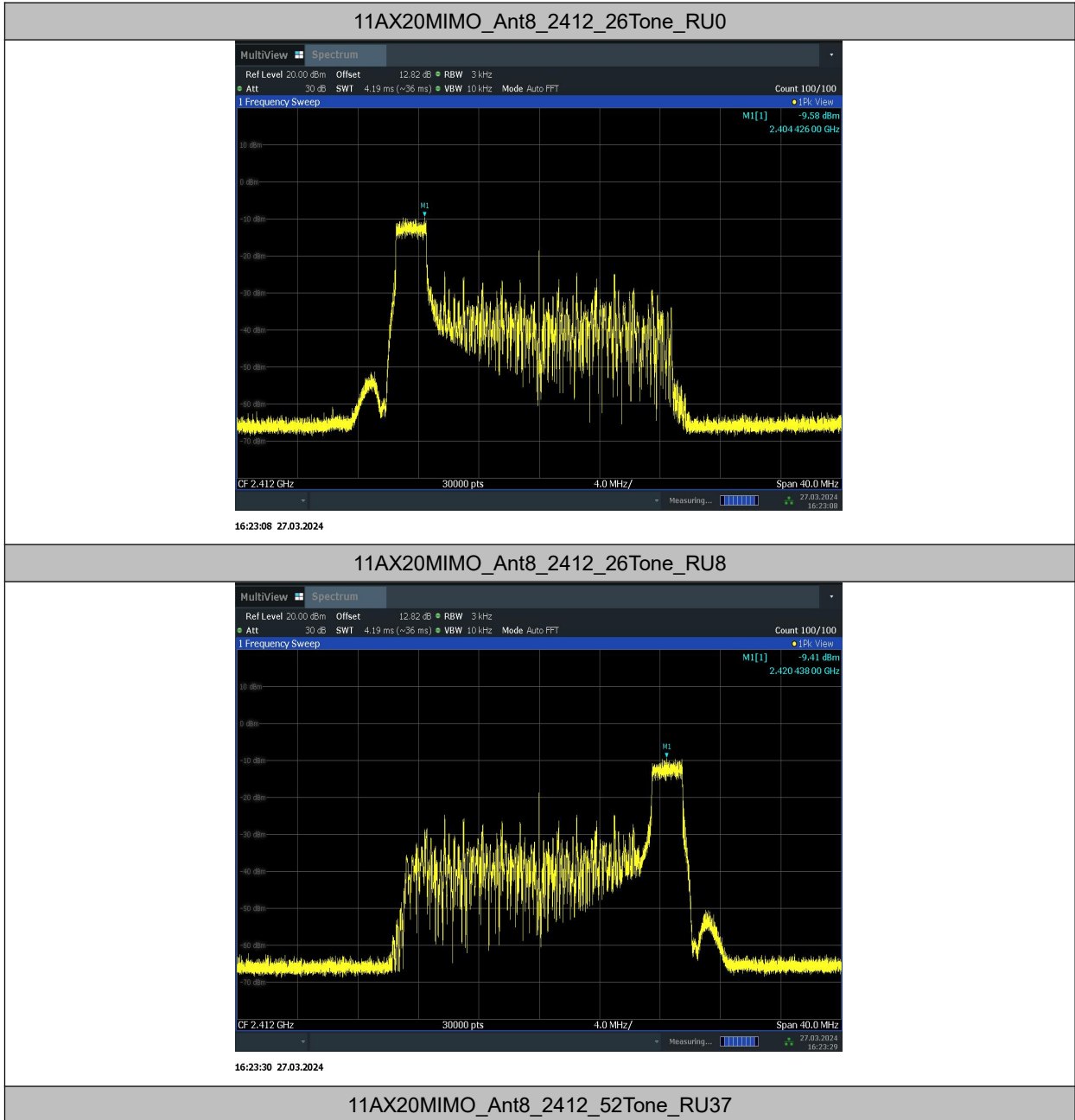

**11ax RU**

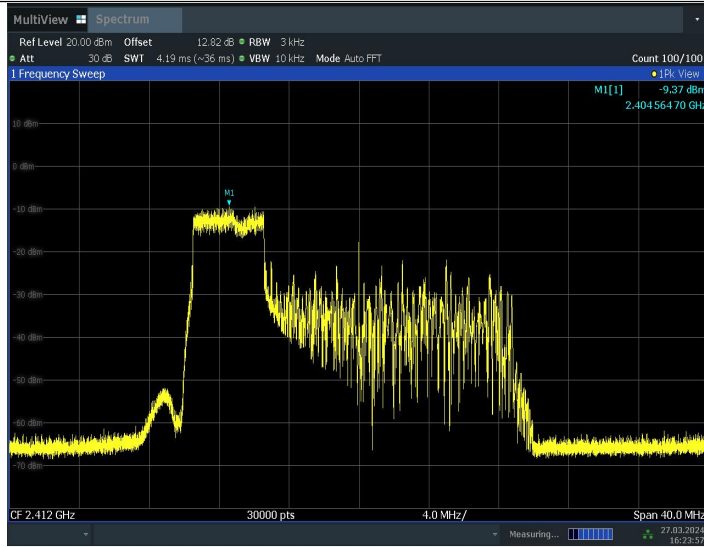
TestMode	Antenna	Frequency[MHz]	RuSize	RuIndex	Result [dBm/3kHz]	Limit [dBm/3kHz]	Verdict
11AX20MIMO	Ant8	2412	26Tone	RU0	-9.58	≤8.00	PASS
				RU8	-9.41	≤8.00	PASS
			52Tone	RU37	-9.37	≤8.00	PASS
				RU40	-9.34	≤8.00	PASS
			106Tone	RU53	-8.74	≤8.00	PASS
				RU54	-8.21	≤8.00	PASS
	Ant9	2412	26Tone	RU0	-9.27	≤8.00	PASS
				RU8	-9.70	≤8.00	PASS
			52Tone	RU37	-9.54	≤8.00	PASS

			106Tone	RU40	-8.86	≤8.00	PASS
				RU53	-8.92	≤8.00	PASS
				RU54	-8.23	≤8.00	PASS
	total	2412	26Tone	RU0	-6.41	≤8.00	PASS
				RU8	-6.54	≤8.00	PASS
			52Tone	RU37	-6.44	≤8.00	PASS
				RU40	-6.08	≤8.00	PASS
			106Tone	RU53	-5.82	≤8.00	PASS
				RU54	-5.21	≤8.00	PASS
	Ant8	2437	26Tone	RU0	-9.23	≤8.00	PASS
				RU8	-9.84	≤8.00	PASS
			52Tone	RU37	-9.29	≤8.00	PASS
				RU40	-9.73	≤8.00	PASS
			106Tone	RU53	-9.98	≤8.00	PASS
				RU54	-9.41	≤8.00	PASS
	Ant9	2437	26Tone	RU0	-9.52	≤8.00	PASS
				RU8	-9.76	≤8.00	PASS
			52Tone	RU37	-9.53	≤8.00	PASS
RU40				-8.30	≤8.00	PASS	
106Tone			RU53	-9.61	≤8.00	PASS	
			RU54	-8.99	≤8.00	PASS	
total	2437	26Tone	RU0	-6.36	≤8.00	PASS	
			RU8	-6.79	≤8.00	PASS	
		52Tone	RU37	-6.40	≤8.00	PASS	
			RU40	-5.95	≤8.00	PASS	
		106Tone	RU53	-6.78	≤8.00	PASS	
			RU54	-6.18	≤8.00	PASS	
Ant8	2462	26Tone	RU0	-8.72	≤8.00	PASS	
			RU8	-9.28	≤8.00	PASS	
		52Tone	RU37	-8.61	≤8.00	PASS	
			RU40	-9.63	≤8.00	PASS	
		106Tone	RU53	-8.27	≤8.00	PASS	
			RU54	-8.56	≤8.00	PASS	
Ant9	2462	26Tone	RU0	-9.48	≤8.00	PASS	
			RU8	-8.61	≤8.00	PASS	
		52Tone	RU37	-9.34	≤8.00	PASS	
			RU40	-9.74	≤8.00	PASS	
		106Tone	RU53	-8.24	≤8.00	PASS	
			RU54	-8.18	≤8.00	PASS	
total	2462	26Tone	RU0	-6.07	≤8.00	PASS	
			RU8	-5.92	≤8.00	PASS	
		52Tone	RU37	-5.95	≤8.00	PASS	

				RU40	-6.67	≤8.00	PASS
			106Tone	RU53	-5.24	≤8.00	PASS
				RU54	-5.36	≤8.00	PASS

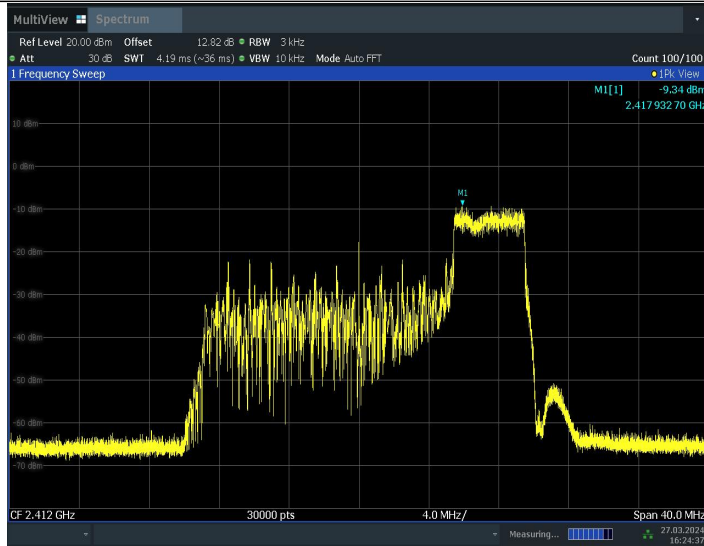
### Test Graphs





16:23:58 27.03.2024

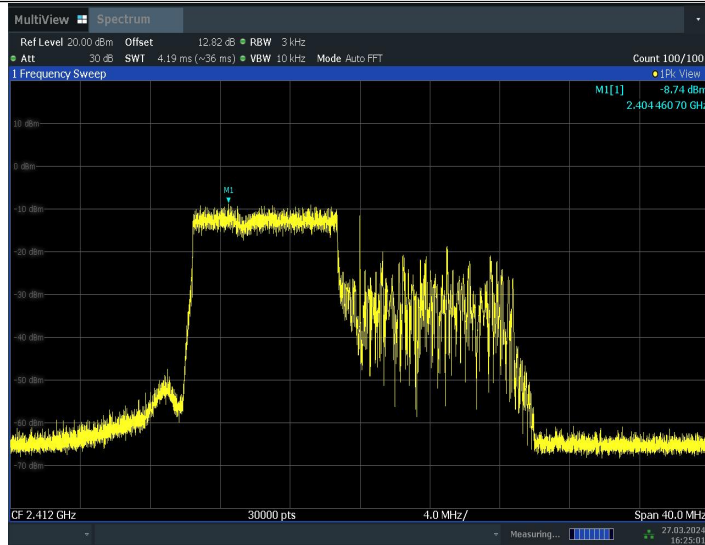
11AX20MIMO\_Ant8\_2412\_52Tone\_RU40



16:24:38 27.03.2024

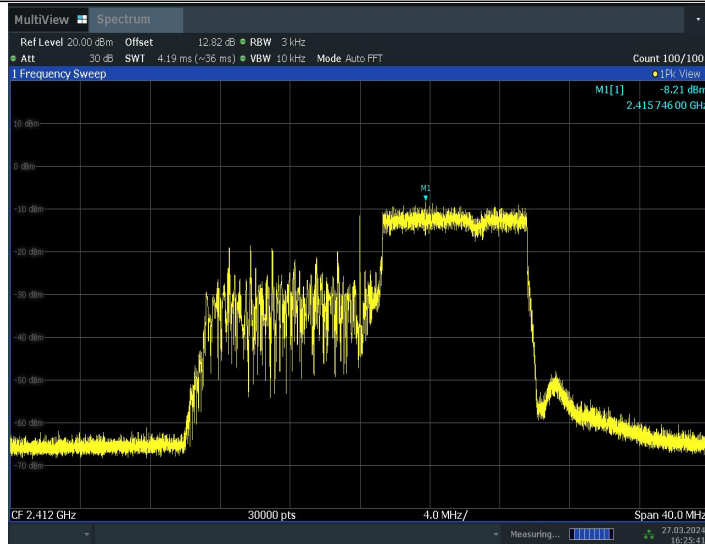
11AX20MIMO\_Ant8\_2412\_106Tone\_RU53





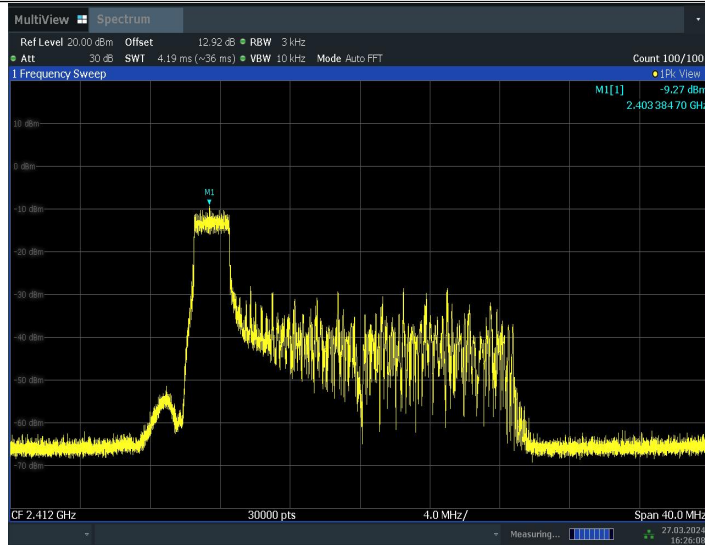
16:25:02 27.03.2024

11AX20MIMO\_Ant8\_2412\_106Tone\_RU54



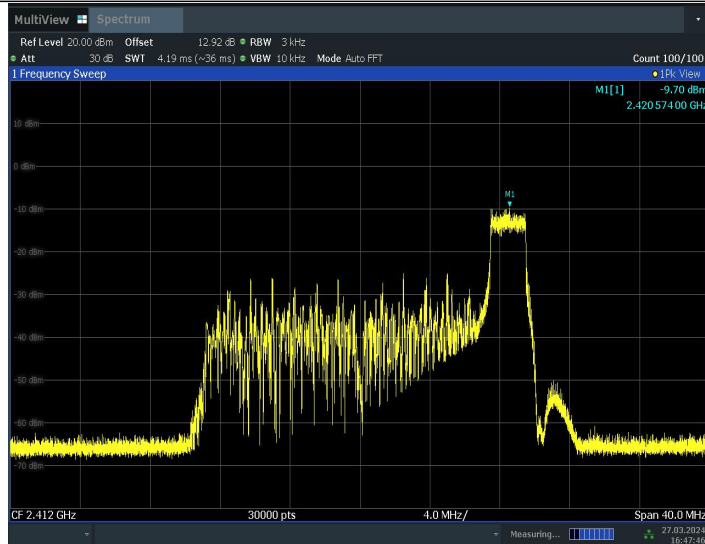
16:25:41 27.03.2024

11AX20MIMO\_Ant9\_2412\_26Tone\_RU0



16:26:09 27.03.2024

11AX20MIMO\_Ant9\_2412\_26Tone\_RU8



16:47:47 27.03.2024

11AX20MIMO\_Ant9\_2412\_52Tone\_RU37