



FCC RADIO TEST REPORT

FCC ID : NKR-VMC-SA525MAX
Equipment : NAD(Network Access Device)
Brand Name : WNC Corporation
Model Name : VMC-SA525MAX
Applicant : WNC Corporation
20 Park Avenue II, Hsinchu Science Park, Hsinchu, TAIWAN 308
Manufacturer : WNC Corporation
20 Park Avenue II, Hsinchu Science Park, Hsinchu, TAIWAN 308
Standard : FCC 47 CFR Part 2, 27

The product was received on Feb. 12, 2026 and testing was performed from Jun. 03, 2026 to Jun. 09, 2026. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this variant report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory

No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issue Date
FG621357-01	01	Initial issue of report	Jun. 18, 2026

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046	Conducted Output Power	Pass	-
	§27.50 (h)(2)	Equivalent Isotropic Radiated Power (n41)	Pass	
-	§27.50 (d)(5)	Peak-to-Average Ratio	Reporting only	See Note
-	§2.1049	Occupied Bandwidth	Pass	See Note
3.3	§2.1051 §27.53 (m)(4)	Conducted Band Edge Measurement (n41)	Pass	-
3.4	§2.1051 §27.53 (m)(4)	Conducted Spurious Emission (n41)	Pass	-
-	§2.1055 §27.54	Frequency Stability Temperature & Voltage	Pass	See Note
4.2	§2.1053 §27.53 (m)(4)	Radiated Spurious Emission (n41)	Pass	-

Remark: This is a variant report by increase 5G NR n41 MIMO Low channel power. All the test cases were performed on original report which can be referred to Sporton Report Number FG621357B. Based on the original report, the test cases were verified.

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty".

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Yun Huang

Report Producer: Dara Chiu



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature		
General Specs LTE/5GNR and GNSS.		
Support band and evaluated information		
Supported band	Ant 1	n41
	Ant 2	n41
	Ant 1+2	n41

Remark:

1. The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.
2. Maximum allow antenna Gain: refer MPE Report FA621357.

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

Test Site	Sporton International Inc. Wensan Laboratory	
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855	
Test Site No.	Sporton Site No.	
	TH05-HY	03CH20-HY
Test Engineer	Howard Miao	John Chuang, David Dai, and Sam Chou
Temperature (°C)	21.2~24.8	19.3~21.9
Relative Humidity (%)	48.3~55.6	65.1~69.8

Note: The test site complies with ANSI C63.4 2014 requirement.

FCC Designation No.: TW3786



1.4 Applicable Standards

According to the specifications declared by the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ ANSI C63.26-2015
- ♦ FCC 47 CFR Part 2, 27
- ♦ FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- ♦ FCC KDB 412172 D01 Determining ERP and EIRP v01r01
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.
- ♦ FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.

2 Test Configuration of Equipment Under Test

2.1 Test Mode

Antenna port conducted and radiated test items listed below are performed according to KDB 971168 D01 Power Meas. License Digital Systems v03r01 with maximum output power.

For radiated measurement, pre-scanned in two test degrees (Ant. Degree 0 and Ant. Degree 90). The worst cases as following table.

Band	Tx Ant.	Plane
NR SA n41	Ant 1+2	Antenna Degree 0

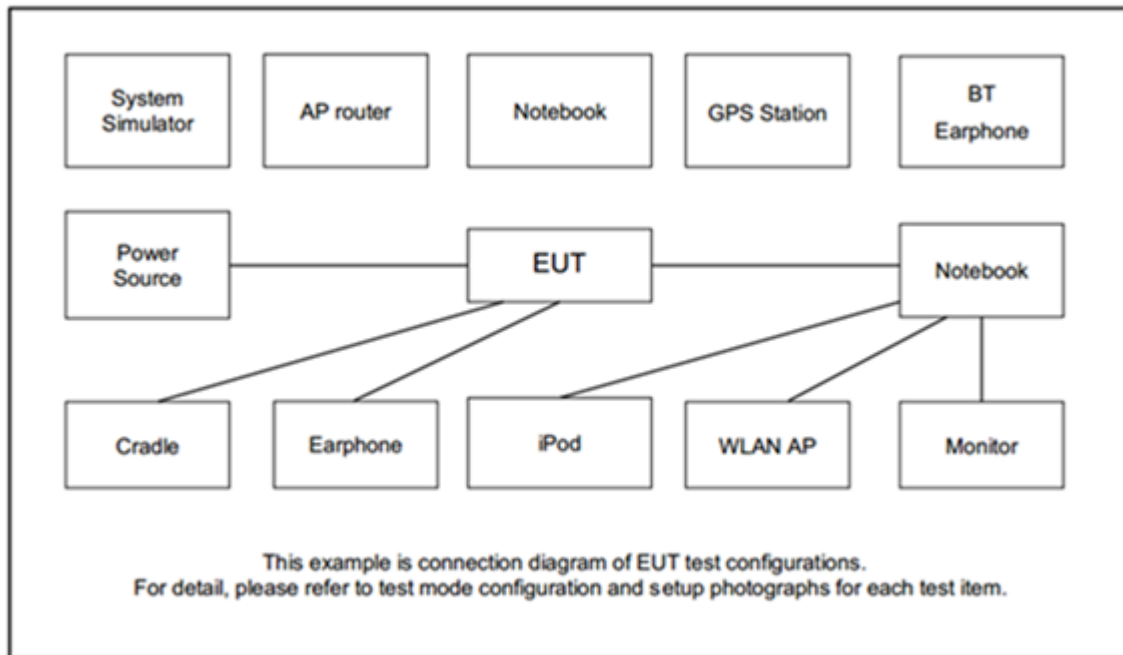
Modulation Type	Modulation	Modulation Type	Modulation
A	DFT-s-OFDM PI/2 BPSK	N/A	N/A
B	DFT-s-OFDM QPSK	F	CP-OFDM QPSK
C	DFT-s-OFDM 16QAM	G	CP-OFDM 16QAM
D	DFT-s-OFDM 64QAM	H	CP-OFDM 64QAM
E	DFT-s-OFDM 256QAM	I	CP-OFDM 256QAM

Test Item	Modulation Type	Bandwidth	RB Size	Channel
Conducted Power EIRP	A, B, C, D, E	All	1, Half, Full	L, M, H
CBE	A, B	Minimum BW	Outer_1RB	L
		All	Outer_Full	
CSE	B	Minimum BW	Inner_1RB	L
RSE	A	20 MHz or less	Inner_1RB	L

Remark:

1. Evaluated all the transmitter signal and reporting worst-case configuration among all modulation types.
2. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst-case emissions are reported.
3. For 5G NR test combination are EN-DC 5A_n41A, EN-DC 12A_n41A, EN-DC 66A_n41A,
4. For 5G NR N41 support PC1.5, PC2, and PC3 ,The PC1.5, PC2, and PC3 have the same modulation, EIRP power and BW. Therefore, the report only performed Higher Conducted power (PC1.5 for MIMO and PC2 for SISO) test results.

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model No.	FCC ID	Data Cable	Power Cord
1.	Base Station	Anritsu	8821C	N/A	N/A	Unshielded, 1.8 m
2.	Base Station	Anritsu	MT8000A	N/A	N/A	Unshielded, 1.8 m
3.	Power supply	GW Instek	GPE-2323	N/A	N/A	Unshielded, 1.8 m

2.4 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 4.2 dB and 10dB attenuator.

Example :

$$\begin{aligned}
 \text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)}. \\
 &= 4.2 + 10 = 14.2 \text{ (dB)}
 \end{aligned}$$



2.5 Frequency List of Low/Middle/High Channels

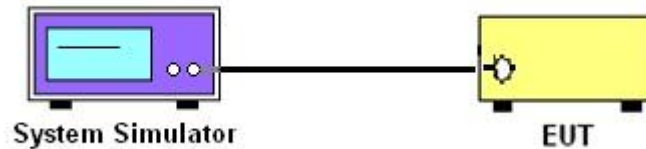
5G NR n41 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
100	Channel	509202	518598	528000
	Frequency	2546.01	2592.99	2640
90	Channel	508200	518598	528996
	Frequency	2541	2592.99	2644.98
80	Channel	507204	518598	529998
	Frequency	2536.02	2592.99	2649.99
70	Channel	506202	518598	531000
	Frequency	2531.01	2592.99	2655
60	Channel	505200	518598	531996
	Frequency	2526	2592.99	2659.98
50	Channel	504204	518598	532998
	Frequency	2521.02	2592.99	2664.99
40	Channel	503202	518598	534000
	Frequency	2516.01	2592.99	2670
30	Channel	502200	518598	534996
	Frequency	2511	2592.99	2674.98
20	Channel	501204	518598	535998
	Frequency	2506.02	2592.99	2679.99
10	Channel	500202	518598	537000
	Frequency	2501.01	2592.99	2685

3 Conducted Test Items

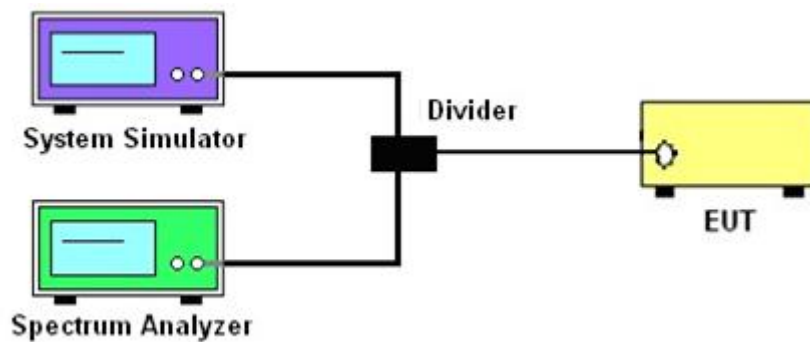
3.1 Measuring Instruments

See list of measuring instruments of this test report.

3.1.1 Conducted Output Power



3.1.2 Conducted Band-Edge and Conducted Spurious Emission



3.1.3 Test Result of Conducted Test

Please refer to Appendix A.



3.2 Conducted Output Power and EIRP

3.2.1 Description of the Conducted Output Power Measurement and EIRP Measurement

A system simulator was used to establish communication with the EUT. Its parameters were set to force the EUT transmitting at maximum output power. The measured power in the radio frequency on the transmitter output terminals shall be reported.

The EIRP of mobile transmitters must not exceed 2 Watts for 5G NR n41

According to KDB 412172 D01 Power Approach,

$EIRP = P_T + G_T - L_C$, $ERP = EIRP - 2.15$, where

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

L_C = signal attenuation in the connecting cable between the transmitter and antenna in dB

3.2.2 Test Procedures

1. The transmitter output port was connected to the system simulator.
2. Set EUT at maximum power through the system simulator.
3. Select lowest, middle, and highest channels for each band and different modulation.
4. Measure and record the power level from the system simulator.
5. The MIMO mode is completely uncorrelated, so the directional gain is selected the maximum gain among all antennas.

3.3 Conducted Band Edge

3.3.1 Description of Conducted Band Edge Measurement

27.53(m)(4)

For mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log (P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log (P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log (P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than $43 + 10 \log (P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log (P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

3.3.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The band edges of low and high channels for the highest RF powers were measured.
3. Set RBW $\geq 1\%$ EBW in the 1MHz band immediately outside and adjacent to the band edge.
4. Beyond the 1 MHz band from the band edge, RBW=1MHz was used.
5. Set spectrum analyzer with RMS detector.
6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
7. Checked that all the results comply with the emission limit line.
8. For MIMO mode, add additional MIMO factor $10\log(\text{NTX}=2) = 3.01\text{dB}$ into the spectrum analyzer offset.



3.4 Conducted Spurious Emission

3.4.1 Description of Conducted Spurious Emission Measurement

For 5G NR n41

The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least $55 + 10 \log (P)$ dB.

It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10th harmonic.

3.4.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 6.1.

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator.
The path loss was compensated to the results for each measurement.
3. The conducted spurious emission for the whole frequency range was taken.
4. Make the measurement with the spectrum analyzer's RBW = 100 kHz if the authorized frequency band/block is at or below 1 GHz and 1 MHz if the authorized frequency band/block is above 1 GHz, VBW = 3 * RBW.
5. Set spectrum analyzer with RMS detector.
6. Taking the record of maximum spurious emission.
7. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
8. For MIMO mode, add additional MIMO factor $10\log(\text{NTX}=2) = 3.01\text{dB}$ into the spectrum analyzer offset.

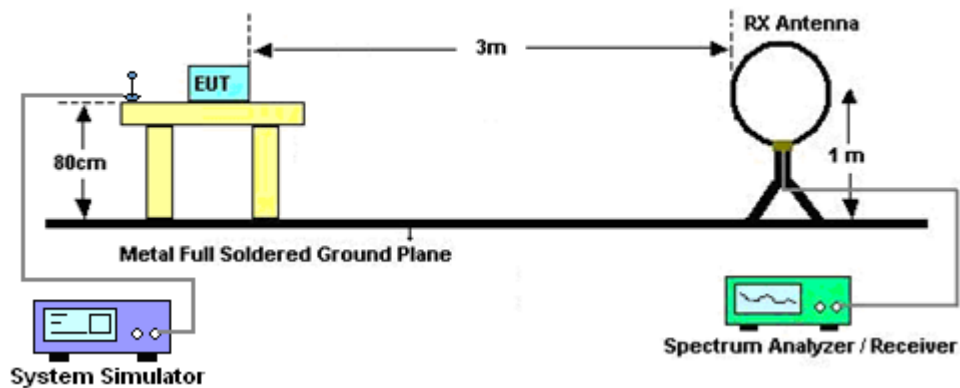
4 Radiated Test Items

4.1 Measuring Instruments

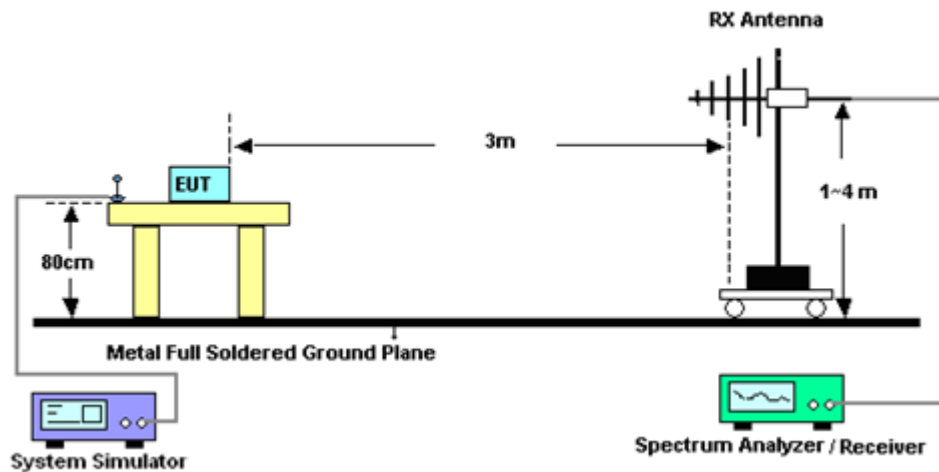
See list of measuring instruments of this test report.

4.1.1 Test Setup

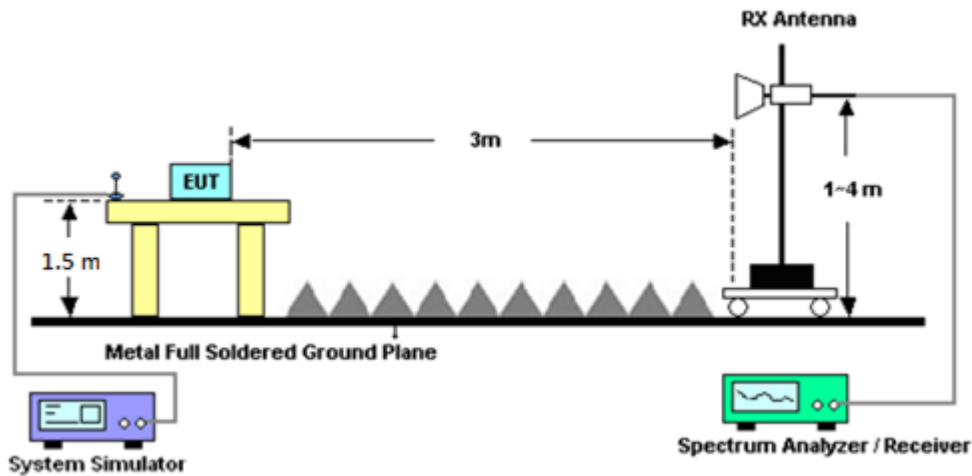
For radiated test below 30MHz



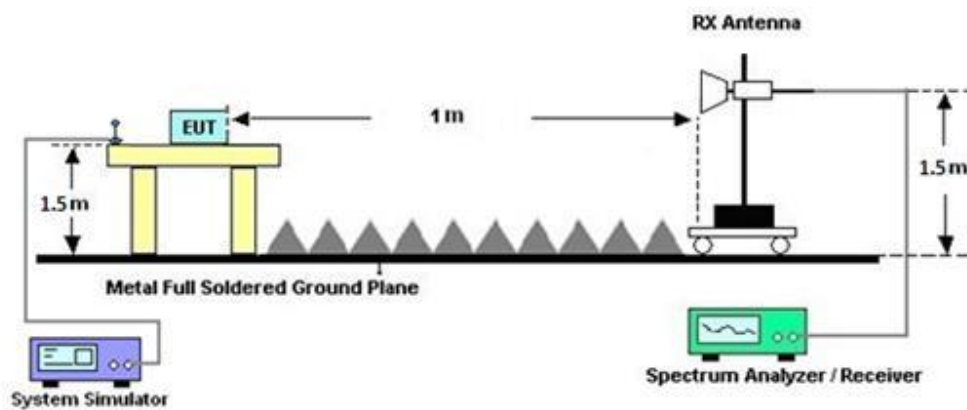
For radiated test from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



4.1.2 Test Result of Radiated Test

Please refer to Appendix B.

Note:

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.



4.2 Radiated Spurious Emission Measurement

4.2.1 Description of Radiated Spurious Emission Measurement

For 5G NR n41

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $55 + 10 \log (P)$ dB.

The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

4.2.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 7 and ANSI C63.26-2015 section 5.5.4 Radiated measurement using the field strength method.

1. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
2. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
4. The height of the receiving antenna is varied between one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
6. To convert spectrum reading E(dBuV/m) to EIRP(dBm)
$$\text{EIRP(dBm)} = \text{Level (dBuV/m)} + 20\log(d) - 104.77,$$
where d is the distance at which field strength limit is specified in the rules
7.
$$\text{Field Strength Level (dBm)} = \text{Spectrum Reading (dBm)} + \text{Antenna Factor} + \text{Cable Loss} + \text{Read Level} - \text{Preamp Factor}.$$
8.
$$\text{ERP (dBm)} = \text{EIRP (dBm)} - 2.15$$
9. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.



5 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
EMI Test Receiver	Keysight	N9038A(MXE)	MY54130085	N/A	Oct. 16, 2025	Jun. 09, 2026	Oct. 15, 2026	Radiation (03CH20-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2E	101108	9 kHz~30 MHz	Dec. 11, 2025	Jun. 09, 2026	Dec. 10, 2026	Radiation (03CH20-HY)
Preamplifier	EMEC	EM18G40G	060871	18GHz~40GHz	Aug. 25, 2025	Jun. 09, 2026	Aug. 24, 2026	Radiation (03CH20-HY)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Jun. 09, 2026	N/A	Radiation (03CH20-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Jun. 09, 2026	N/A	Radiation (03CH20-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Jun. 09, 2026	N/A	Radiation (03CH20-HY)
Signal Analyzer	Keysight	N9010B	MY60240520	10Hz~44GHz	Dec. 10, 2025	Jun. 09, 2026	Dec. 09, 2026	Radiation (03CH20-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00802N1D01N-06	47020 & 06	30MHz~1GHz	Oct. 04, 2025	Jun. 09, 2026	Oct. 03, 2026	Radiation (03CH20-HY)
Horn Antenna	SCHWARZB ECK	BBHA 9120 D	02360	1GHz-18GHz	Nov. 05, 2025	Jun. 09, 2026	Nov. 04, 2026	Radiation (03CH20-HY)
SHF-EHF Horn Antenna	SCHWARZB ECK	BBHA 9170	1223	18GHz-40GHz	Jul. 02, 2025	Jun. 09, 2026	Jul. 01, 2026	Radiation (03CH20-HY)
Preamplifier	COM-POWER	PAM-103	18020201	1MHz-1000MHz	Dec. 30, 2025	Jun. 09, 2026	Dec. 29, 2026	Radiation (03CH20-HY)
Amplifier	EMCI	EMC118A45S E	980792	N/A	Nov. 11, 2025	Jun. 09, 2026	Nov. 10, 2026	Radiation (03CH20-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	519229/2,804 015/2, 25104239	N/A	Apr. 13, 2026	Jun. 09, 2026	Apr. 12, 2027	Radiation (03CH20-HY)
Hygrometer	TECPEL	DTM-303A	TP211382	N/A	Mar. 24, 2026	Jun. 09, 2026	Mar. 23, 2027	Radiation (03CH20-HY)
Software	Audix	N/A	RK-002156	N/A	N/A	Jun. 09, 2026	N/A	Radiation (03CH20-HY)
DC Power Supply	GW Instek	GPE-2323	GET910896	0V~64V ;0A~6A	Dec. 15, 2025	Jun. 03, 2026 ~ Jun. 05, 2026	Dec. 14, 2026	Conducted (TH05-HY)
Signal & Spectrum Analyzer	Rohde & Schwarz	FSV3044	101691	10Hz~44GHz	May. 22, 2026	Jun. 03, 2026 ~ Jun. 05, 2026	May. 21, 2027	Conducted (TH05-HY)
Temperature Chamber	ESPEC	SU-242	93000763	-30°C ~90°C	Jan. 05, 2026	Jun. 03, 2026 ~ Jun. 05, 2026	Jan. 04, 2027	Conducted (TH05-HY)
Hygrometer	TECPEL	DTM-303B	TP200886	NA	Mar. 04, 2026	Jun. 03, 2026 ~ Jun. 05, 2026	Mar. 03, 2027	Conducted (TH05-HY)
Radio Communication Analyzer	Anritsu	MT8821C	6262192303	LTE	Oct. 31, 2025	Jun. 03, 2026 ~ Jun. 05, 2026	Oct. 30, 2026	Conducted (TH05-HY)
Radio Communication Test Station	Anritsu	MT8000A	6262186342	FR1	Nov. 03, 2025	Jun. 03, 2026 ~ Jun. 05, 2026	Nov. 03, 2026	Conducted (TH05-HY)
Power divider	MVE	MVE8283	F201918	9KHz~40GHz	Dec. 31, 2025	Jun. 03, 2026 ~ Jun. 05, 2026	Dec. 30, 2026	Conducted (TH05-HY)
RF Cable	MVE	MCBL-LL403P. 50	F20069C	9KHz~40GHz	Jan. 13, 2026	Jun. 03, 2026 ~ Jun. 05, 2026	Jan. 12, 2027	Conducted (TH05-HY)
Software 1	Sporton	FCC 5GNR Test Tools Ver1.0	N/A	Conducted Test Item	N/A	Jun. 03, 2026 ~ Jun. 05, 2026	N/A	Conducted (TH05-HY)



6 Measurement Uncertainty

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.5 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 6 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.7 dB
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Uncertainty of Radiated Emission Measurement (6 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.7 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.2 dB
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Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power and ERP/EIRP)

NR n41 PC2 Maximum Average Power [dBm] (GT - LC = 5.5 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
10	1	1	PI/2 BPSK	26.49	26.50	26.07	32.09	1.6181		
10	1	22		26.35	26.59	26.00				
10	12	6		26.43	26.55	26.00				
10	1	0		22.89	22.84	22.41				
10	1	23		22.76	22.96	22.31				
10	24	0		25.97	26.07	25.63				
10	1	1	QPSK	26.55	26.44	25.99				
10	1	22		26.31	26.53	25.95				
10	12	6		26.32	26.46	25.92				
10	1	0		22.88	22.80	22.48				
10	1	23		22.76	22.94	22.31				
10	24	0		25.43	25.54	24.95				
10	1	1	16-QAM	25.41	25.30	24.93	30.91	1.2331		
10	1	1	64-QAM	23.98	23.83	23.50				
10	1	1	256-QAM	22.12	21.97	21.48				
Limit	EIRP < 2W			Result			Pass			

NR n41 PC2 Maximum Average Power [dBm] (GT - LC = 5.5 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
20	1	1	PI/2 BPSK	26.34	26.34	26.21	32.02	1.5922		
20	1	49		26.16	26.40	25.92				
20	25	12		26.37	26.52	26.27				
20	1	0		22.76	22.74	22.60				
20	1	50		22.59	22.87	22.45				
20	50	0		25.84	26.03	25.70				
20	1	1	QPSK	26.27	26.26	26.17				
20	1	49		26.15	26.45	25.89				
20	25	12		26.28	26.52	26.21				
20	1	0		22.77	22.75	22.59				
20	1	50		22.55	22.82	22.28				
20	50	0		25.25	25.45	25.15				
20	1	1	16-QAM	25.17	25.06	25.07	30.67	1.1668		
20	1	1	64-QAM	23.81	23.75	23.66				
20	1	1	256-QAM	21.67	21.88	21.59				
Limit	EIRP < 2W			Result			Pass			

NR n41 PC2 Maximum Average Power [dBm] (GT - LC = 5.5 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
30	1	1	PI/2 BPSK	26.54	26.42	26.42	32.16	1.6444		
30	1	76		26.59	26.57	26.29				
30	36	18		26.50	26.66	26.57				
30	1	0		22.99	22.87	22.84				
30	1	77		22.99	23.00	22.66				
30	75	0		25.97	26.10	26.02				
30	1	1	QPSK	26.48	26.41	26.41				
30	1	76		26.57	26.59	26.24				
30	36	18		26.41	26.59	26.47				
30	1	0		22.96	22.84	22.81				
30	1	77		22.93	23.02	22.69				
30	75	0		25.44	25.56	25.38				
30	1	1	16-QAM	25.51	25.39	25.22	31.01	1.2618		
30	1	1	64-QAM	24.07	23.85	23.81				
30	1	1	256-QAM	21.88	21.72	21.65				
Limit	EIRP < 2W			Result			Pass			

NR n41 PC2 Maximum Average Power [dBm] (GT - LC = 5.5 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
40	1	1	PI/2 BPSK	26.34	26.32	26.07	32.07	1.6106		
40	1	104		26.42	26.48	26.10				
40	50	25		26.46	26.57	26.51				
40	1	0		22.79	22.75	22.51				
40	1	105		22.87	22.84	22.45				
40	100	0		25.89	25.95	25.85				
40	1	1	QPSK	26.32	26.28	26.05				
40	1	104		26.43	26.33	26.04				
40	50	25		26.32	26.48	26.40				
40	1	0		22.81	22.61	22.47				
40	1	105		22.89	22.85	22.53				
40	100	0		25.34	25.45	25.34				
40	1	1	16-QAM	25.20	25.01	24.93	30.70	1.1749		
40	1	1	64-QAM	23.82	23.76	23.53				
40	1	1	256-QAM	21.93	21.63	21.63				
Limit	EIRP < 2W			Result			Pass			

NR n41 PC2 Maximum Average Power [dBm] (GT - LC = 5.5 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
50	1	1	PI/2 BPSK	26.51	26.53	26.16	32.31	1.7022		
50	1	131		26.81	26.55	26.36				
50	64	32		26.72	26.79	26.68				
50	1	0		23.02	22.95	22.71				
50	1	132		23.25	22.95	22.79				
50	128	0		26.13	26.11	26.01				
50	1	1	QPSK	26.47	26.43	26.13				
50	1	131		26.79	26.53	26.33				
50	64	32		26.63	26.65	26.60				
50	1	0		22.96	22.87	22.53				
50	1	132		23.30	23.01	22.73				
50	128	0		25.66	25.64	25.51				
50	1	1	16-QAM	25.47	25.30	25.10	30.97	1.2503		
50	1	1	64-QAM	23.96	23.76	23.70				
50	1	1	256-QAM	22.03	21.78	21.56				
Limit	EIRP < 2W			Result			Pass			

NR n41 PC2 Maximum Average Power [dBm] (GT - LC = 5.5 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
60	1	1	PI/2 BPSK	26.33	26.42	26.07	31.96	1.5704		
60	1	160		26.46	26.21	26.09				
60	81	40		26.37	26.43	26.29				
60	1	0		22.76	22.88	22.48				
60	1	161		22.89	22.61	22.44				
60	162	0		25.90	25.93	25.74				
60	1	1	QPSK	26.27	26.29	25.97				
60	1	160		26.44	26.20	26.10				
60	81	40		26.32	26.37	26.20				
60	1	0		22.79	22.83	22.44				
60	1	161		22.91	22.63	22.44				
60	162	0		25.37	25.40	25.19				
60	1	1	16-QAM	25.19	25.22	24.87	30.72	1.1803		
60	1	1	64-QAM	23.87	23.98	23.62				
60	1	1	256-QAM	21.80	21.82	21.48				
Limit	EIRP < 2W			Result			Pass			

NR n41 PC2 Maximum Average Power [dBm] (GT - LC = 5.5 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
70	1	1	PI/2 BPSK	26.50	26.55	26.30	32.15	1.6406		
70	1	187		26.52	26.25	26.10				
70	90	45		26.65	26.55	25.91				
70	1	0		22.87	22.99	22.72				
70	1	188		22.85	22.63	22.55				
70	180	0		26.07	26.04	25.80				
70	1	1	QPSK	26.48	26.51	26.23				
70	1	187		26.45	26.24	25.71				
70	90	45		26.59	26.48	26.17				
70	1	0		22.89	23.00	22.65				
70	1	188		22.88	22.66	22.50				
70	180	0		25.53	25.49	25.09				
70	1	1	16-QAM	25.16	25.42	25.27	30.92	1.2359		
70	1	1	64-QAM	23.96	23.95	23.59				
70	1	1	256-QAM	21.85	21.92	21.57				
Limit	EIRP < 2W			Result			Pass			

NR n41 PC2 Maximum Average Power [dBm] (GT - LC = 5.5 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
80	1	1	PI/2 BPSK	26.62	26.67	26.39	32.18	1.6520		
80	1	215		26.39	26.14	25.99				
80	108	54		26.65	26.55	26.04				
80	1	0		22.94	23.18	22.83				
80	1	216		22.78	22.68	22.61				
80	216	0		25.95	25.94	25.76				
80	1	1	QPSK	26.54	26.68	26.20				
80	1	215		26.31	26.12	25.80				
80	108	54		26.59	26.48	26.35				
80	1	0		22.94	23.18	22.87				
80	1	216		22.77	22.65	22.61				
80	216	0		25.44	25.45	25.35				
80	1	1	16-QAM	25.41	25.59	25.24	31.09	1.2853		
80	1	1	64-QAM	23.87	24.17	23.96				
80	1	1	256-QAM	22.02	22.19	21.77				
Limit	EIRP < 2W			Result			Pass			

NR n41 PC2 Maximum Average Power [dBm] (GT - LC = 5.5 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
90	1	1	PI/2 BPSK	26.61	26.70	26.32	32.22	1.6672		
90	1	243		26.46	26.22	26.21				
90	120	60		26.63	26.56	26.34				
90	1	0		23.10	23.45	23.05				
90	1	244		23.00	22.77	22.82				
90	243	0		26.06	25.95	25.88				
90	1	1	QPSK	26.46	26.72	26.27				
90	1	243		26.21	26.24	25.90				
90	120	60		26.53	26.43	26.24				
90	1	0		23.10	23.39	23.01				
90	1	244		23.02	22.73	22.82				
90	243	0		25.46	25.48	25.38				
90	1	1	16-QAM	25.41	25.79	25.25	31.29	1.3459		
90	1	1	64-QAM	24.05	24.21	23.87				
90	1	1	256-QAM	22.00	22.30	22.01				
Limit	EIRP < 2W			Result			Pass			

NR n41 PC2 Maximum Average Power [dBm] (GT - LC = 5.5 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP(W)		
100	1	1	PI/2 BPSK	26.74	26.95	25.71	32.45	1.7579		
100	1	271		26.55	26.30	25.89				
100	135	67		26.52	26.44	26.24				
100	1	0		23.10	23.43	22.98				
100	1	272		23.08	22.73	22.72				
100	270	0		25.99	26.00	25.54				
100	1	1	QPSK	26.61	26.93	25.93				
100	1	271		26.41	26.28	26.11				
100	135	67		26.45	26.38	26.14				
100	1	0		23.06	23.36	22.93				
100	1	272		23.11	22.67	22.73				
100	270	0		25.50	25.43	25.39				
100	1	1	16-QAM	25.39	25.73	24.99	31.23	1.3274		
100	1	1	64-QAM	24.10	24.39	23.49				
100	1	1	256-QAM	22.16	22.43	22.04				
Limit	EIRP < 2W			Result			Pass			

NR n41 PC1.5 Maximum Average Power [dBm] (GT - LC = 2.5 dB)																
BW	RB	RB	Mod	Antenna 1			Antenna 2			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
10	1	1	PI/2 BPSK	26.87	26.80	26.42	26.19	26.01	25.99	29.55	29.43	29.22	32.05	1.6032		
10	1	22		26.77	26.75	26.41	26.10	26.08	26.03	29.46	29.44	29.23				
10	12	6		26.78	26.73	26.39	26.20	26.05	26.07	29.51	29.41	29.24				
10	1	0		20.79	20.69	20.34	20.26	19.99	19.98	23.54	23.36	23.17				
10	1	23		20.62	20.69	20.30	20.15	20.08	20.04	23.40	23.41	23.18				
10	24	0		25.01	25.30	24.91	24.37	24.62	24.53	27.71	27.98	27.73				
10	1	1	QPSK	26.72	26.72	26.37	26.09	25.87	25.94	29.43	29.33	29.17			30.93	1.2388
10	1	22		26.76	26.75	26.31	26.03	26.07	25.90	29.42	29.43	29.12				
10	12	6		26.74	26.68	26.32	26.11	25.99	25.99	29.45	29.36	29.17				
10	1	0		20.33	20.19	19.81	19.68	19.48	19.47	23.03	22.86	22.65				
10	1	23		20.19	20.17	19.80	19.70	19.58	19.49	22.96	22.90	22.66				
10	24	0		24.32	24.79	24.41	23.71	24.05	24.03	27.04	27.45	27.23				
10	1	1	16-QAM	25.65	25.69	25.25	25.17	25.03	24.91	28.43	28.38	28.09	30.93	1.2388		
10	1	1	64-QAM	23.76	23.70	23.36	23.42	22.99	22.99	26.60	26.37	26.19				
10	1	1	256-QAM	21.31	21.25	20.90	20.80	20.60	20.59	24.07	23.95	23.76				
Limit	EIRP < 2W			Result									Pass			

NR n41 PC1.5 Maximum Average Power [dBm] (GT - LC = 2.5 dB)																
BW	RB	RB	Mod	Antenna 1			Antenna 2			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
20	1	1	PI/2 BPSK	26.62	26.72	26.40	26.00	25.87	26.05	29.33	29.33	29.24	32.01	1.5885		
20	1	49		26.55	26.62	26.38	25.98	26.06	26.03	29.28	29.36	29.22				
20	25	12		26.81	26.89	26.61	25.96	26.06	26.09	29.42	29.51	29.37				
20	1	0		20.65	20.64	20.35	20.03	19.92	20.07	23.36	23.31	23.22				
20	1	50		20.59	20.55	20.33	20.03	20.10	20.09	23.33	23.34	23.22				
20	50	0		25.21	25.25	25.02	24.58	24.53	24.64	27.92	27.92	27.84				
20	1	1	QPSK	26.57	26.63	26.38	25.89	25.67	25.95	29.25	29.19	29.18			30.77	1.1940
20	1	49		26.59	26.52	26.34	25.96	25.98	26.01	29.30	29.27	29.19				
20	25	12		26.72	26.74	26.51	25.94	26.02	26.11	29.36	29.41	29.32				
20	1	0		20.07	20.13	19.84	19.58	19.38	19.55	22.84	22.78	22.71				
20	1	50		19.99	20.06	19.75	19.54	19.53	19.58	22.78	22.81	22.68				
20	50	0		24.73	24.73	24.51	24.02	24.04	24.17	27.40	27.41	27.35				
20	1	1	16-QAM	25.50	25.52	25.30	25.00	24.73	24.90	28.27	28.15	28.11	30.77	1.1940		
20	1	1	64-QAM	23.63	23.64	23.38	23.13	22.98	22.99	26.40	26.33	26.20				
20	1	1	256-QAM	21.15	21.07	20.97	20.67	20.33	20.68	23.93	23.73	23.84				
Limit	EIRP < 2W			Result									Pass			

NR n41 PC1.5 Maximum Average Power [dBm] (GT - LC = 2.5 dB)																
BW	RB	RB	Mod	Antenna 1			Antenna 2			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
30	1	1	PI/2 BPSK	26.85	26.81	26.61	26.13	26.03	26.31	29.52	29.45	29.47	32.10	1.6218		
30	1	76		26.83	26.72	26.71	26.32	26.23	26.17	29.59	29.49	29.46				
30	36	18		26.90	26.80	26.76	26.25	26.14	26.22	29.60	29.49	29.51				
30	1	0		20.86	20.82	20.51	20.18	20.06	20.39	23.54	23.47	23.46				
30	1	77		20.73	20.67	20.59	20.50	20.34	20.27	23.63	23.52	23.44				
30	75	0		25.33	25.27	25.15	24.77	24.71	24.79	28.07	28.01	27.98				
30	1	1	QPSK	26.78	26.80	26.61	26.14	25.99	26.24	29.48	29.42	29.44			30.97	1.2503
30	1	76		26.73	26.66	26.66	26.29	26.21	26.19	29.53	29.45	29.44				
30	36	18		26.83	26.74	26.70	26.29	26.17	26.22	29.58	29.47	29.48				
30	1	0		20.30	20.25	20.05	19.76	19.57	19.86	23.05	22.93	22.97				
30	1	77		20.22	20.08	20.11	19.93	19.82	19.76	23.09	22.96	22.95				
30	75	0		24.85	24.74	24.65	24.31	24.22	24.26	27.60	27.50	27.47				
30	1	1	16-QAM	25.74	25.66	25.36	25.15	24.83	25.25	28.47	28.28	28.32	30.97	1.2503		
30	1	1	64-QAM	23.82	23.80	23.51	23.27	23.09	23.23	26.56	26.47	26.38				
30	1	1	256-QAM	21.31	21.30	20.98	20.74	20.69	20.89	24.04	24.02	23.95				
Limit	EIRP < 2W			Result									Pass			

NR n41 PC1.5 Maximum Average Power [dBm] (GT - LC = 2.5 dB)																
BW	RB	RB	Mod	Antenna 1			Antenna 2			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
40	1	1	PI/2 BPSK	26.63	26.73	26.37	25.97	25.80	26.09	29.32	29.30	29.24	32.01	1.5885		
40	1	104		26.58	26.58	26.58	26.26	26.16	25.97	29.43	29.39	29.30				
40	50	25		26.85	26.81	26.72	26.09	26.15	26.15	29.50	29.50	29.45				
40	1	0		20.67	20.75	20.29	19.99	19.87	20.14	23.35	23.34	23.23				
40	1	105		20.59	20.66	20.39	20.29	20.22	20.05	23.45	23.46	23.23				
40	100	0		25.23	25.27	25.10	24.82	24.65	24.65	28.04	27.98	27.89				
40	1	1	QPSK	26.65	26.67	26.32	25.95	26.07	25.93	29.32	29.39	29.14			30.97	1.2503
40	1	104		26.49	26.54	26.54	26.19	26.17	25.83	29.35	29.37	29.21				
40	50	25		26.80	26.75	26.63	26.18	26.18	26.13	29.51	29.48	29.40				
40	1	0		20.16	20.21	19.81	19.63	19.39	19.64	22.91	22.83	22.74				
40	1	105		20.10	20.01	19.93	19.93	19.78	19.60	23.03	22.91	22.78				
40	100	0		24.70	24.74	24.58	24.24	24.20	24.12	27.49	27.49	27.37				
40	1	1	16-QAM	25.36	25.74	25.24	24.95	25.17	24.95	28.17	28.47	28.11	30.97	1.2503		
40	1	1	64-QAM	23.67	23.64	23.43	23.04	22.85	23.20	26.38	26.27	26.33				
40	1	1	256-QAM	21.01	21.48	20.82	20.49	20.67	20.75	23.77	24.10	23.80				
Limit	EIRP < 2W			Result									Pass			

NR n41 PC1.5 Maximum Average Power [dBm] (GT - LC = 2.5 dB)																
BW	RB	RB	Mod	Antenna 1			Antenna 2			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
50	1	1	PI/2 BPSK	26.80	26.95	26.59	26.11	25.75	26.20	29.48	29.40	29.41	32.23	1.6711		
50	1	131		26.86	26.94	26.78	26.53	26.25	26.25	29.71	29.62	29.53				
50	64	32		26.92	26.94	26.90	26.45	26.27	26.45	29.70	29.63	29.69				
50	1	0		20.88	20.93	20.63	20.31	20.10	20.47	23.61	23.55	23.56				
50	1	132		20.77	20.79	20.72	20.71	20.52	20.36	23.75	23.67	23.55				
50	128	0		24.61	25.49	25.31	24.30	24.72	24.93	27.47	28.13	28.13				
50	1	1	QPSK	26.77	26.84	26.53	26.02	25.89	26.44	29.42	29.40	29.50			31.00	1.2589
50	1	131		26.87	26.88	26.82	26.56	26.39	26.31	29.73	29.65	29.58				
50	64	32		26.91	26.84	26.83	26.39	26.35	26.44	29.67	29.61	29.65				
50	1	0		20.33	20.40	20.04	19.76	19.49	19.91	23.06	22.98	22.99				
50	1	132		20.27	20.27	20.23	20.05	20.02	19.86	23.17	23.16	23.06				
50	128	0		24.45	24.98	24.81	24.00	24.27	24.41	27.24	27.65	27.62				
50	1	1	16-QAM	25.82	25.64	25.38	25.13	25.00	25.08	28.50	28.34	28.24	31.00	1.2589		
50	1	1	64-QAM	23.77	23.96	23.40	23.26	23.23	23.09	26.53	26.62	26.26				
50	1	1	256-QAM	21.45	21.39	20.94	20.88	20.51	20.82	24.18	23.98	23.89				
Limit	EIRP < 2W			Result									Pass			

NR n41 PC1.5 Maximum Average Power [dBm] (GT - LC = 2.5 dB)																
BW	RB	RB	Mod	Antenna 1			Antenna 2			Combine			EIRP	EIRP		
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)		
60	1	1	PI/2 BPSK	26.62	26.78	26.52	25.82	25.54	25.88	29.25	29.21	29.22	31.95	1.5668		
60	1	160		26.64	26.63	26.53	25.91	25.94	25.83	29.30	29.31	29.20				
60	81	40		26.67	26.57	26.43	26.19	26.08	26.12	29.45	29.34	29.29				
60	1	0		20.70	20.85	20.48	20.10	19.81	20.10	23.42	23.37	23.30				
60	1	161		20.63	20.53	20.42	20.27	20.33	19.97	23.46	23.44	23.21				
60	162	0		25.11	25.22	25.03	24.77	24.56	24.60	27.95	27.91	27.83				
60	1	1	QPSK	26.72	26.72	26.46	26.11	25.80	25.75	29.44	29.29	29.13			31.10	1.2882
60	1	160		26.68	26.68	26.48	26.14	26.08	25.95	29.43	29.40	29.23				
60	81	40		26.61	26.55	26.34	26.14	26.09	26.07	29.39	29.34	29.22				
60	1	0		20.09	20.15	19.95	19.70	19.34	19.57	22.91	22.77	22.77				
60	1	161		20.15	20.08	19.89	19.69	19.69	19.67	22.94	22.90	22.79				
60	162	0		24.68	24.83	24.48	24.28	24.10	24.08	27.49	27.49	27.29				
60	1	1	16-QAM	25.50	25.80	25.34	24.96	25.37	24.88	28.25	28.60	28.13	31.10	1.2882		
60	1	1	64-QAM	23.56	23.74	23.54	23.07	22.91	22.98	26.33	26.36	26.28				
60	1	1	256-QAM	21.01	21.29	21.05	20.54	20.36	20.48	23.79	23.86	23.78				
Limit	EIRP < 2W			Result									Pass			

NR n41 PC1.5 Maximum Average Power [dBm] (GT - LC = 2.5 dB)														
BW	RB	RB	Mod	Antenna 1			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
70	1	1	PI/2 BPSK	26.82	26.94	26.67	25.93	25.70	25.98	29.41	29.37	29.35	32.15	1.6406
70	1	187		26.91	26.72	26.42	25.97	26.07	25.92	29.48	29.42	29.19		
70	90	45		26.88	26.83	26.26	26.39	26.05	26.13	29.65	29.47	29.21		
70	1	0		20.72	20.89	20.59	20.22	19.81	20.14	23.49	23.39	23.38		
70	1	188		20.81	20.62	20.39	20.18	20.19	20.11	23.52	23.42	23.26		
70	180	0		25.38	25.34	25.13	24.91	24.58	24.64	28.16	27.99	27.90		
70	1	1	QPSK	26.82	26.93	26.54	26.09	25.77	26.06	29.48	29.40	29.32		
70	1	187		26.90	26.74	26.15	26.18	26.09	26.00	29.57	29.44	29.09		
70	90	45		26.83	26.76	26.56	26.32	26.16	26.06	29.59	29.48	29.33		
70	1	0		20.23	20.39	20.10	19.62	19.38	19.64	22.95	22.92	22.89		
70	1	188		20.34	20.10	19.93	19.73	19.74	19.58	23.06	22.93	22.77		
70	180	0	16-QAM	24.83	24.82	24.67	24.47	24.11	24.16	27.66	27.49	27.43	30.79	1.1995
70	1	1		25.58	25.77	25.48	24.96	24.68	25.03	28.29	28.27	28.27		
70	1	1		23.65	23.83	23.61	23.15	22.80	23.15	26.42	26.36	26.40		
70	1	1	256-QAM	21.19	21.41	21.21	20.76	20.38	20.70	23.99	23.94	23.97		
Limit	EIRP < 2W			Result									Pass	

NR n41 PC1.5 Maximum Average Power [dBm] (GT - LC = 2.5 dB)														
BW	RB	RB	Mod	Antenna 1			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
80	1	1	PI/2 BPSK	26.89	27.05	26.60	25.92	25.85	26.17	29.44	29.50	29.40	32.05	1.6032
80	1	215		26.81	26.68	26.57	25.91	26.05	26.02	29.39	29.39	29.31		
80	108	54		26.82	26.92	26.36	26.24	26.09	26.20	29.55	29.54	29.29		
80	1	0		20.85	20.98	15.76	20.23	20.02	16.26	23.56	23.54	19.03		
80	1	216		20.74	20.62	20.52	20.22	20.20	20.17	23.50	23.43	23.36		
80	216	0	QPSK	25.27	25.35	25.22	24.71	24.63	24.64	28.01	28.02	27.95		
80	1	1		26.85	27.03	26.61	26.14	25.81	26.21	29.52	29.47	29.42		
80	1	215		26.72	26.62	26.45	26.07	26.06	26.12	29.42	29.36	29.30		
80	108	54		26.80	26.80	26.59	26.26	26.06	26.20	29.55	29.46	29.41		
80	1	0		20.36	20.46	20.07	19.68	19.46	19.78	23.04	23.00	22.94		
80	1	216	16-QAM	20.28	20.10	20.04	19.72	19.68	19.69	23.02	22.91	22.88	30.92	1.2359
80	216	0		24.58	24.83	24.62	24.09	24.02	24.21	27.35	27.45	27.43		
80	1	1		25.77	25.86	25.51	25.01	24.70	25.09	28.42	28.33	28.32		
80	1	1	64-QAM	23.88	23.94	23.60	23.43	22.87	23.34	26.67	26.45	26.48		
80	1	1	256-QAM	21.33	21.54	21.15	20.66	20.40	20.82	24.02	24.02	24.00		
Limit	EIRP < 2W			Result									Pass	

NR n41 PC1.5 Maximum Average Power [dBm] (GT - LC = 2.5 dB)														
BW	RB	RB	Mod	Antenna 1			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
90	1	1	PI/2 BPSK	26.94	26.93	26.32	26.02	25.87	26.25	29.51	29.44	29.30	32.14	1.6368
90	1	243		26.72	26.76	26.52	26.22	26.20	26.12	29.49	29.50	29.33		
90	120	60		26.92	26.87	26.71	26.32	26.05	26.24	29.64	29.49	29.49		
90	1	0		20.94	21.13	20.66	20.33	20.14	20.38	23.66	23.67	23.53		
90	1	244		20.94	20.76	20.72	20.39	20.33	20.29	23.68	23.56	23.52		
90	243	0	QPSK	25.40	25.31	25.21	24.83	24.62	24.73	28.13	27.99	27.99		
90	1	1		26.89	26.95	26.45	26.19	25.95	26.35	29.56	29.49	29.41		
90	1	243		26.57	26.65	26.41	26.33	26.13	26.17	29.46	29.41	29.30		
90	120	60		26.74	26.74	26.66	26.35	26.12	26.25	29.56	29.45	29.47		
90	1	0		20.51	20.60	20.21	19.81	19.60	19.86	23.18	23.14	23.05		
90	1	244	16-QAM	20.33	20.28	20.20	19.86	19.87	19.71	23.11	23.09	22.97	31.04	1.2706
90	243	0		24.88	24.83	24.69	24.40	24.10	24.28	27.66	27.49	27.50		
90	1	1		25.87	25.96	25.49	25.17	25.03	25.20	28.54	28.53	28.36		
90	1	1	64-QAM	23.89	23.87	23.57	23.25	22.97	23.31	26.59	26.45	26.45		
90	1	1	256-QAM	21.53	21.55	21.15	20.97	20.69	20.88	24.27	24.15	24.03		
Limit	EIRP < 2W			Result									Pass	

NR n41 PC1.5 Maximum Average Power [dBm] (GT - LC = 2.5 dB)														
BW	RB	RB	Mod	Antenna 1			Antenna 2			Combine			EIRP	EIRP
(MHz)	Size	Offset		Lowest	Middle	Highest	Lowest	Middle	Highest	Lowest	Middle	Highest	(dBm)	(W)
100	1	1	PI/2 BPSK	26.93	27.08	26.24	26.03	25.93	26.13	29.51	29.55	29.20	32.10	1.6218
100	1	271		26.52	26.72	26.48	26.32	26.18	26.23	29.43	29.47	29.37		
100	135	67		26.75	26.79	26.60	26.20	26.00	26.07	29.49	29.42	29.35		
100	1	0		20.88	21.05	20.71	20.35	19.97	20.31	23.63	23.55	23.52		
100	1	272		20.74	20.64	20.64	20.53	20.32	20.33	23.65	23.49	23.50		
100	270	0	QPSK	25.30	25.43	25.18	24.82	24.66	24.66	28.08	28.07	27.94		
100	1	1		26.87	27.08	26.55	26.19	26.04	26.21	29.55	29.60	29.39		
100	1	271		26.23	26.70	26.67	26.82	26.20	26.22	29.55	29.47	29.46		
100	135	67		26.66	26.70	26.56	26.20	26.03	26.10	29.45	29.39	29.35		
100	1	0		20.46	20.56	20.25	19.85	19.73	19.75	23.18	23.18	23.02		
100	1	272	16-QAM	20.29	20.17	20.13	20.04	19.91	19.74	23.18	23.05	22.95	31.08	1.2823
100	270	0		24.64	24.84	24.69	24.19	24.11	24.17	27.43	27.50	27.45		
100	1	1		25.91	26.08	25.42	25.20	24.95	25.14	28.58	28.56	28.29		
100	1	1	64-QAM	23.97	24.06	23.67	23.37	23.11	23.19	26.69	26.62	26.45		
100	1	1	256-QAM	21.43	21.66	21.23	20.90	20.80	20.80	24.18	24.26	24.03		
Limit	EIRP < 2W			Result									Pass	



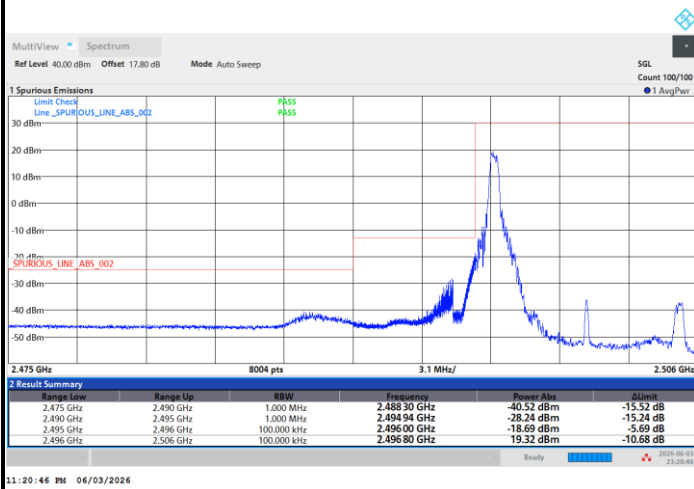
FR1 n41

MIMO <Ant. 1+2> (Ant. 1)

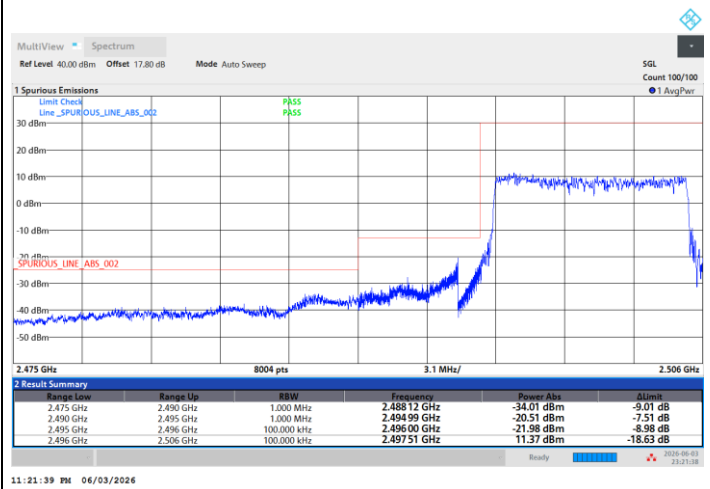
Conducted Band Edge

FR1 n41 / 10MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

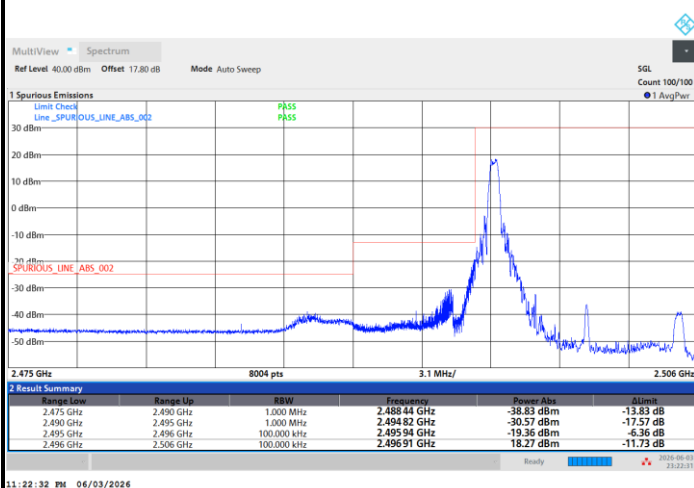


Lowest Band Edge / Full RB

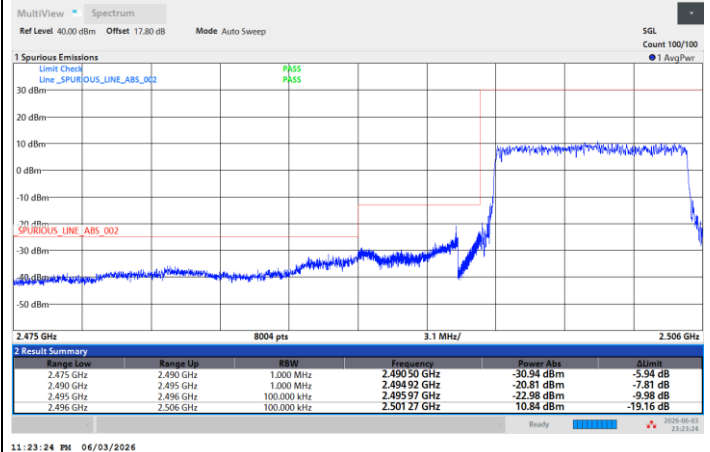


FR1 n41 / 10MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0



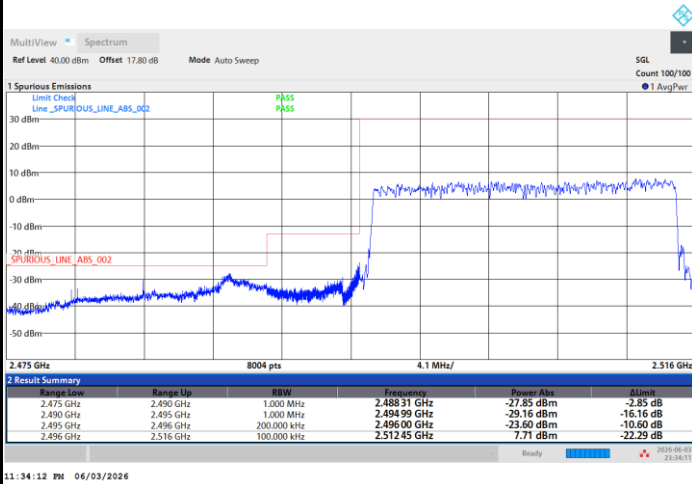
Lowest Band Edge / Full RB





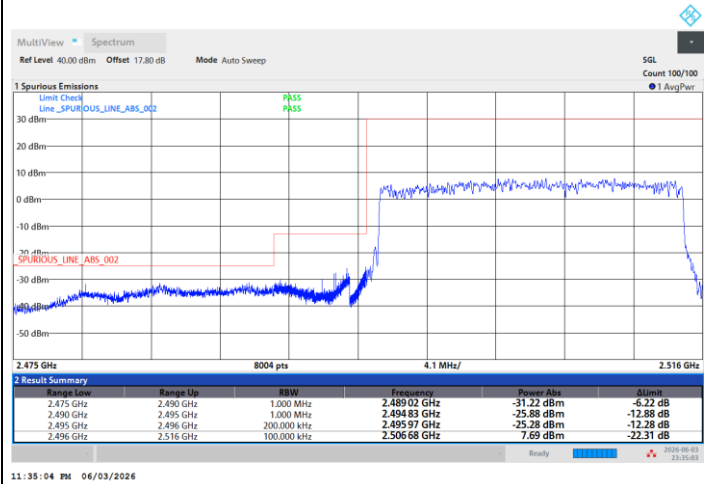
FR1 n41 / 20MHz / DFT-S OFDM

Lowest Band Edge / Full RB / PI/2 BPSK



11:34:12 PM 06/03/2026

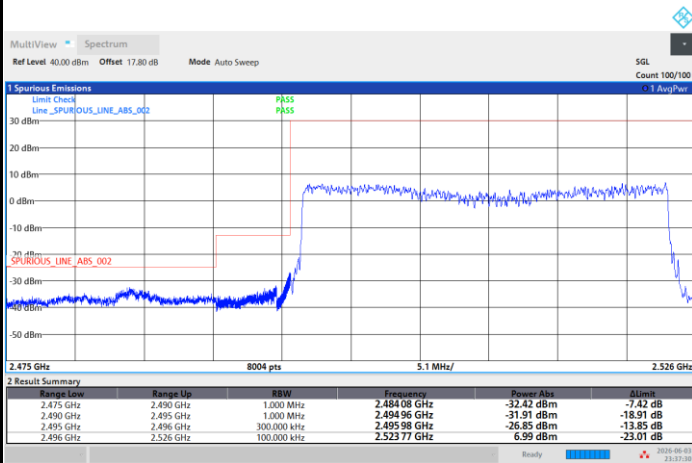
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11:35:04 PM 06/03/2026

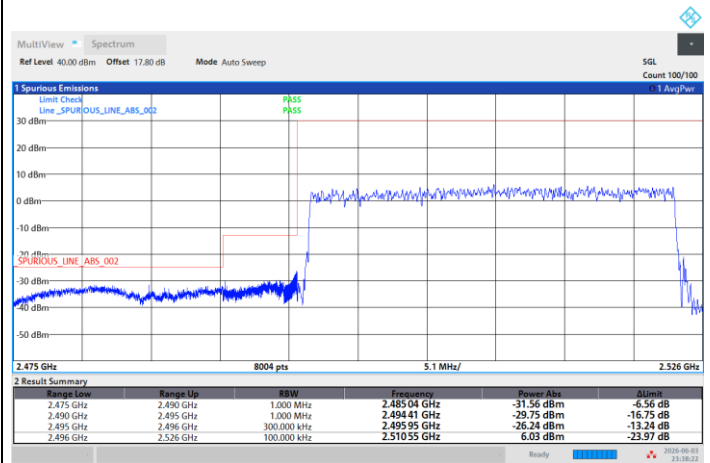
FR1 n41 / 30MHz / DFT-S OFDM

Lowest Band Edge / Full RB / PI/2 BPSK



11:37:30 PM 06/03/2026

Lowest Band Edge / Full RB / QPSK



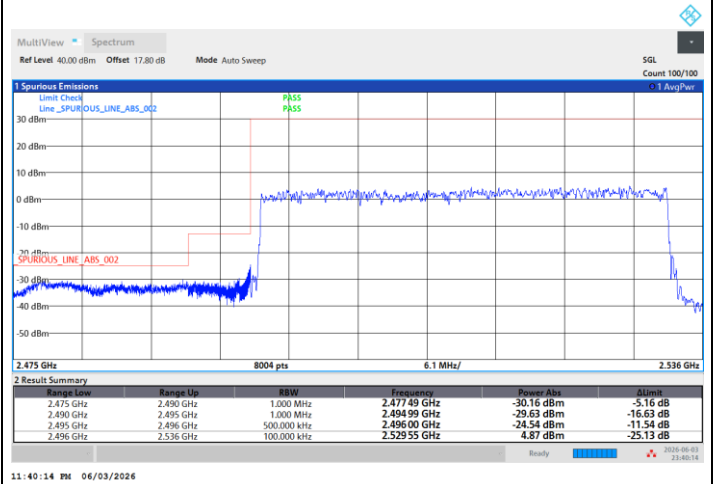
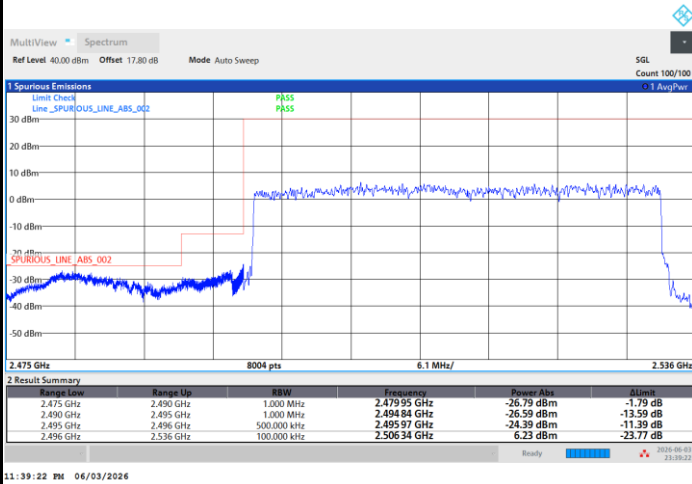
11:38:22 PM 06/03/2026



FR1 n41 / 40MHz / DFT-S OFDM

Lowest Band Edge / Full RB / PI/2 BPSK

Lowest Band Edge / Full RB / QPSK

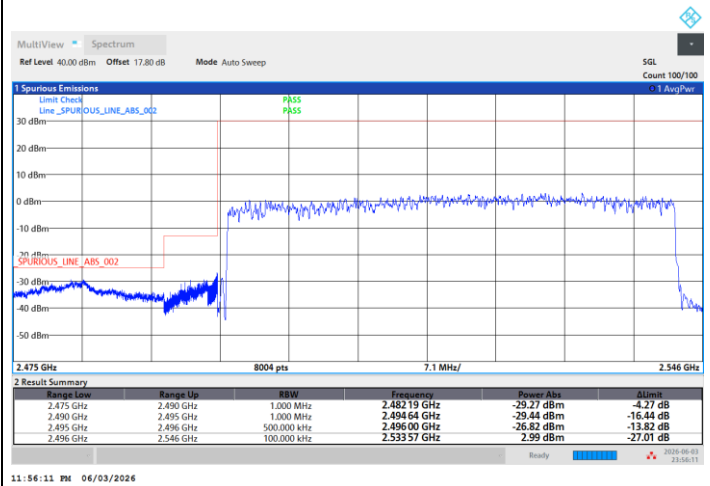
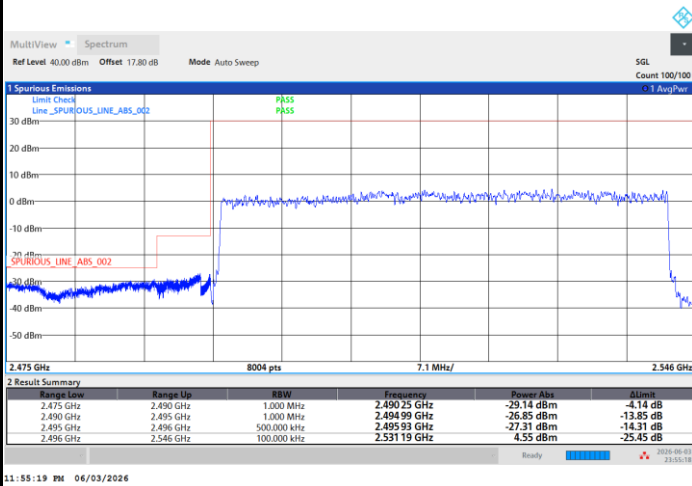




FR1 n41 / 50MHz / DFT-S OFDM

Lowest Band Edge / Full RB / PI/2 BPSK

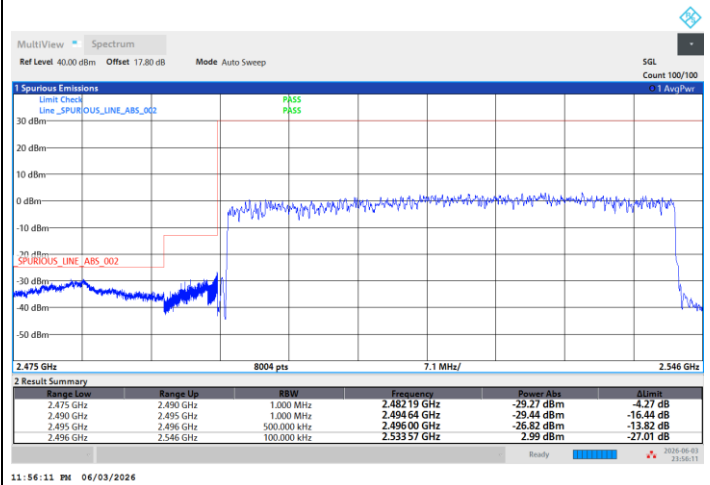
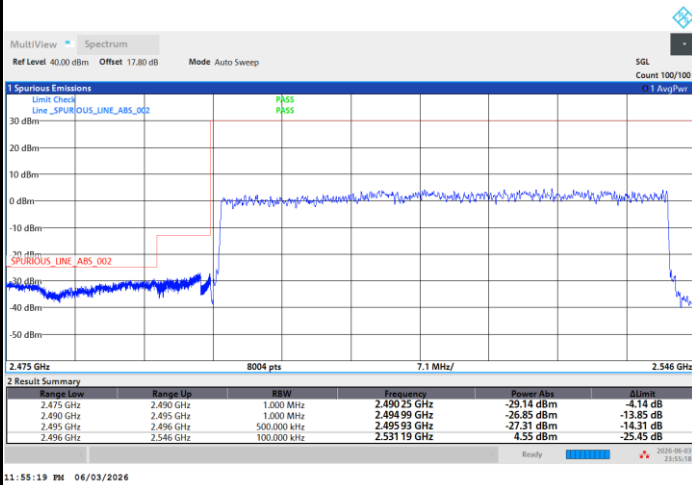
Lowest Band Edge / Full RB / QPSK



FR1 n41 / 50MHz / DFT-S OFDM

Lowest Band Edge / Full RB / PI/2 BPSK

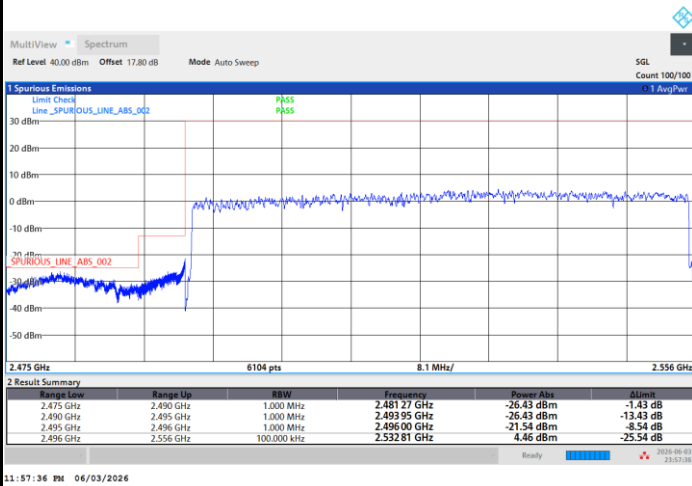
Lowest Band Edge / Full RB / QPSK





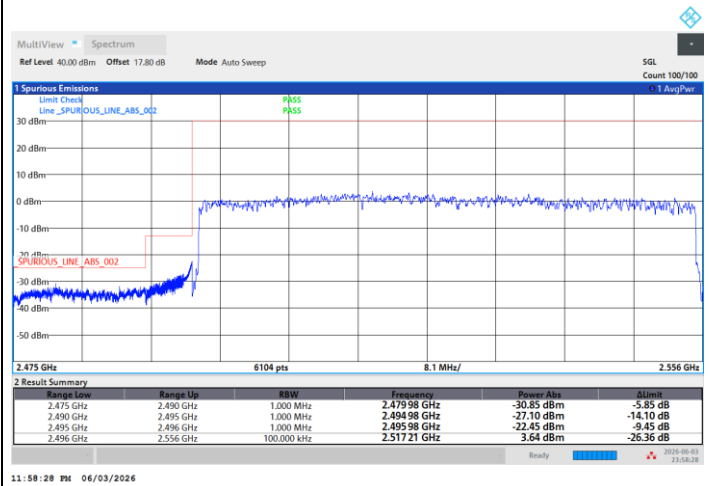
FR1 n41 / 60MHz / DFT-S OFDM

Lowest Band Edge / Full RB / PI/2 BPSK



11:57:36 PM 06/03/2026

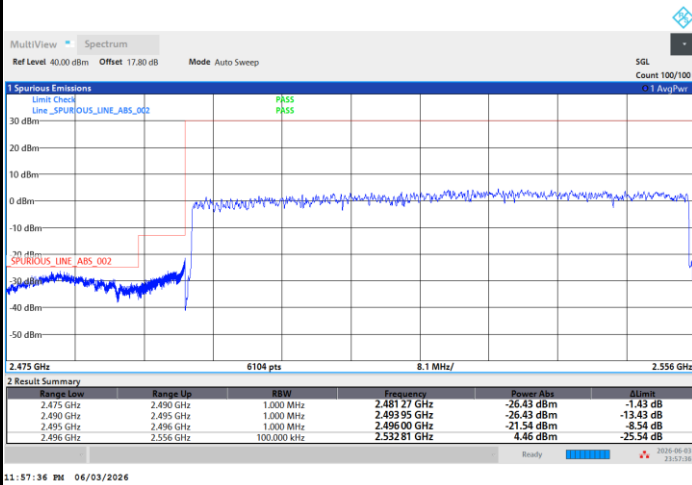
Lowest Band Edge / Full RB / QPSK



11:58:28 PM 06/03/2026

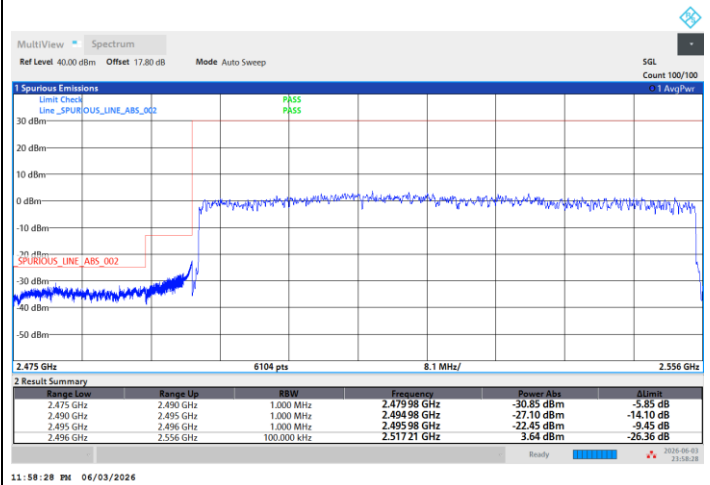
FR1 n41 / 60MHz / DFT-S OFDM

Lowest Band Edge / Full RB / PI/2 BPSK



11:57:36 PM 06/03/2026

Lowest Band Edge / Full RB / QPSK

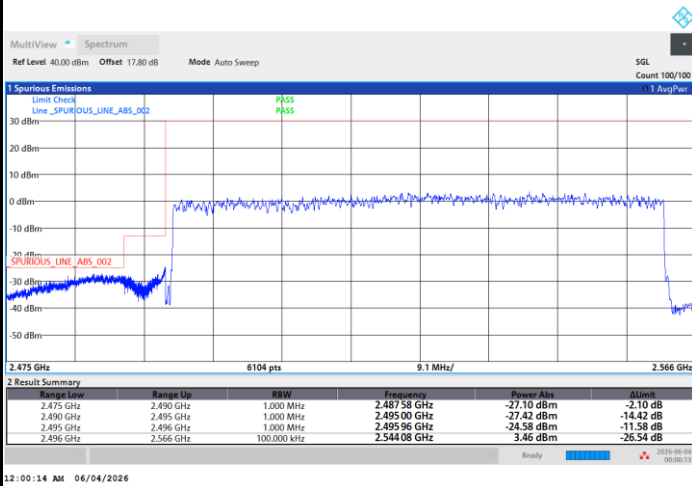


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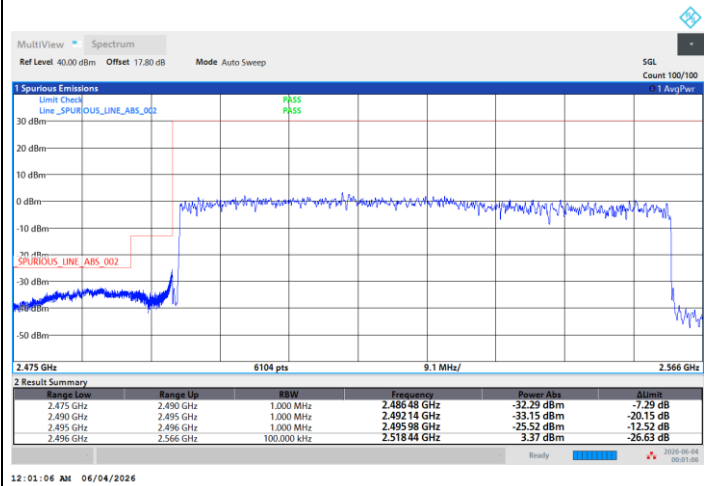


FR1 n41 / 70MHz / DFT-S OFDM

Lowest Band Edge / Full RB / PI/2 BPSK

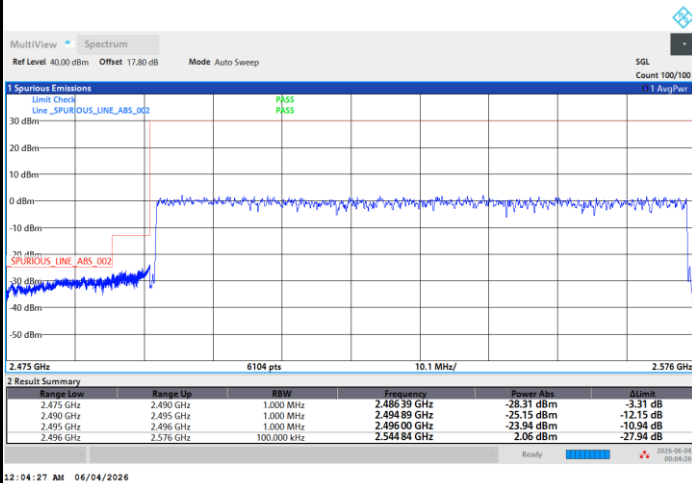


Lowest Band Edge / Full RB / QPSK

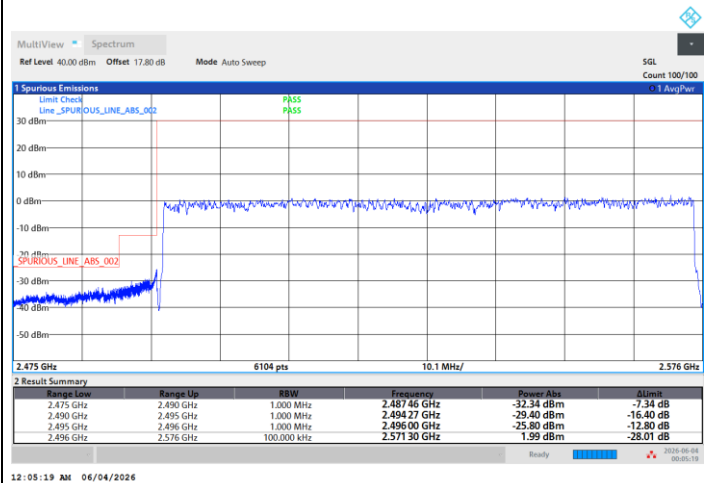


FR1 n41 / 80MHz / DFT-S OFDM

Lowest Band Edge / Full RB / PI/2 BPSK



Lowest Band Edge / Full RB / QPSK

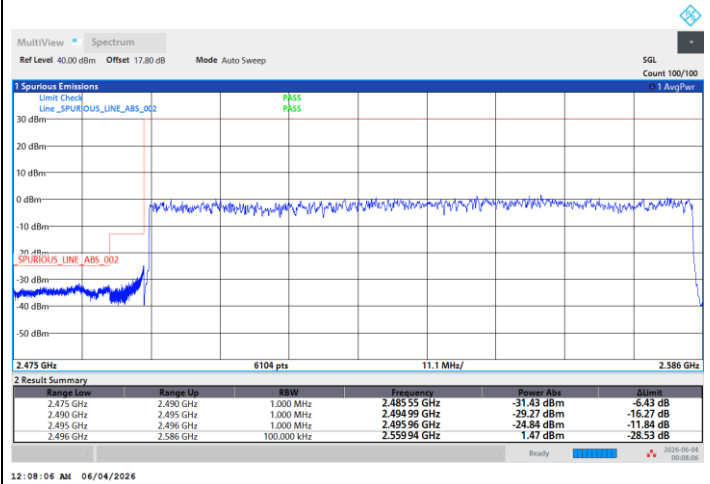
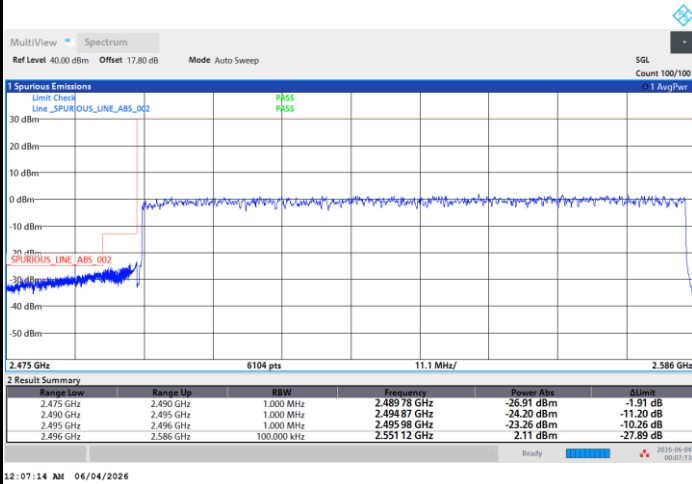




FR1 n41 / 90MHz / DFT-S OFDM

Lowest Band Edge / Full RB / PI/2 BPSK

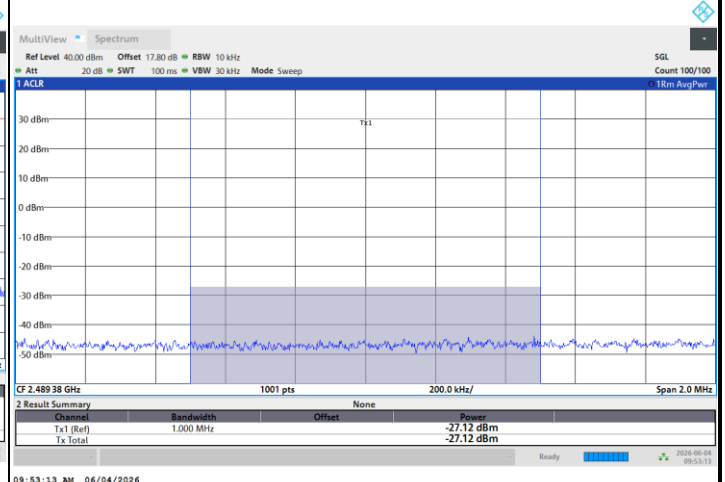
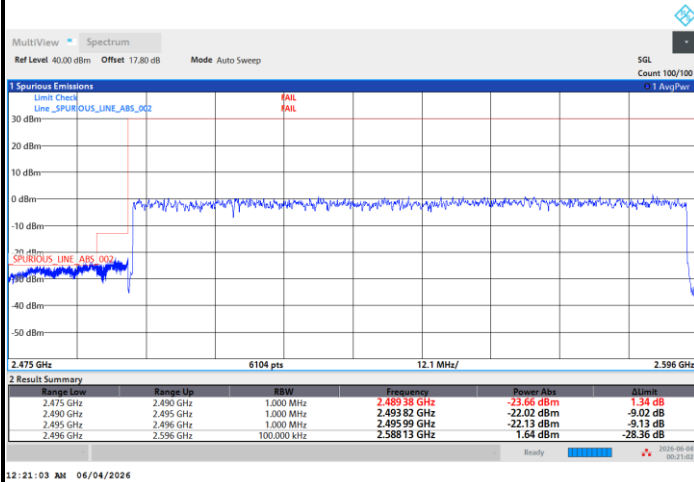
Lowest Band Edge / Full RB / QPSK





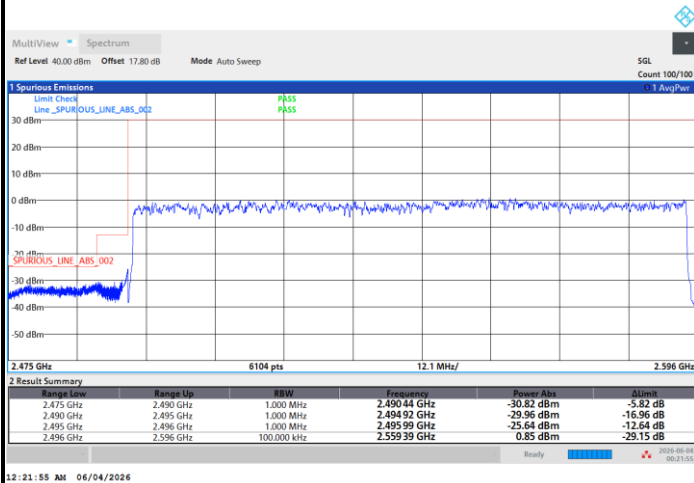
FR1 n41 / 100MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

Lowest Channel Full RB
Channel power -25dBm > -27.12dBm (PASS)

FR1 n41 / 100MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

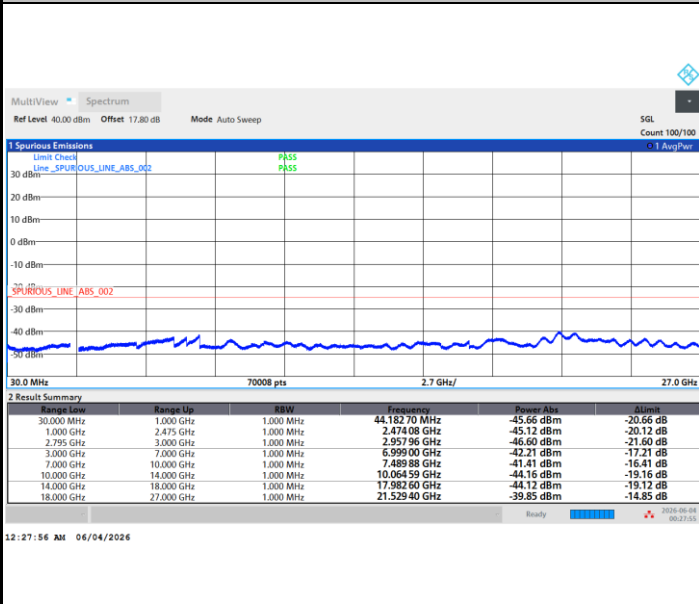




Conducted Spurious Emission

FR1 n41 / 10MHz / DFT-S OFDM / QPSK / 1RB1

Lowest Channel





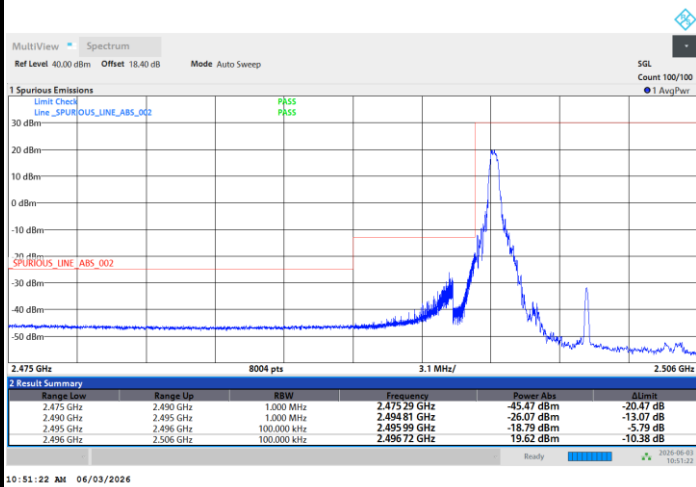
FR1 n41

MIMO <Ant. 1+2> (Ant. 2)

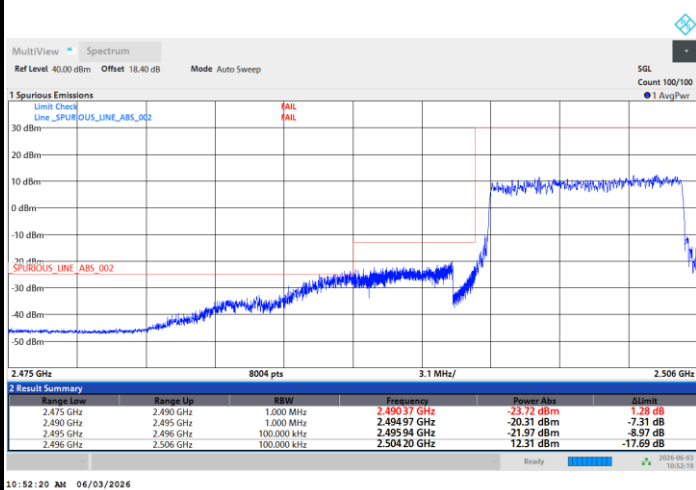
Conducted Band Edge

FR1 n41 / 10MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

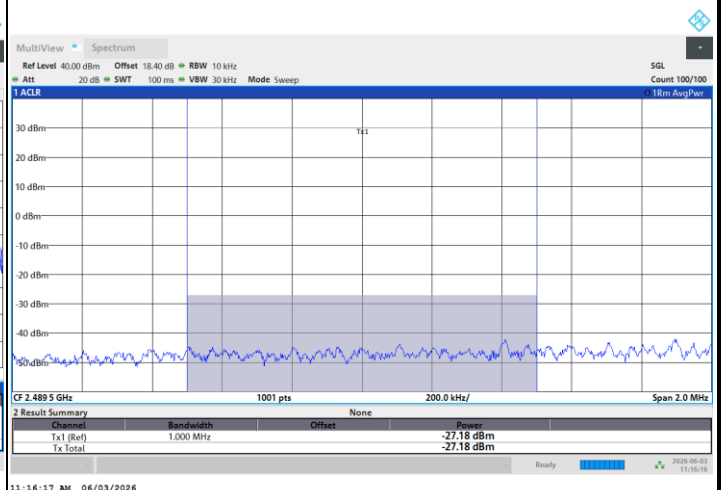


Lowest Band Edge / Full RB



Lowest Channel Full RB

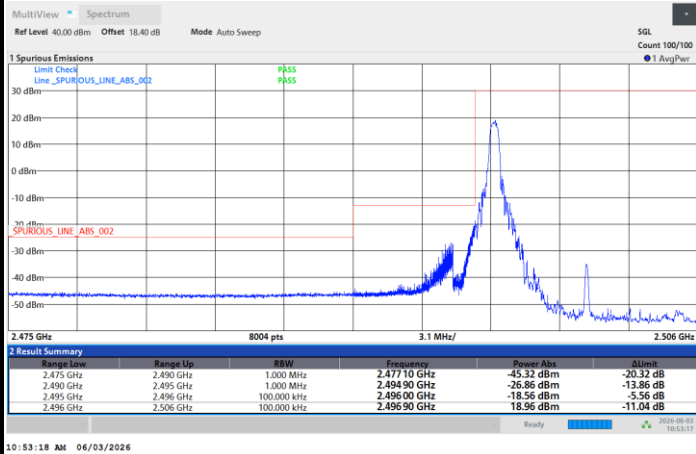
Channel power -25dBm > -27.18dBm (PASS)





FR1 n41 / 10MHz / DFT-S OFDM / QPSK

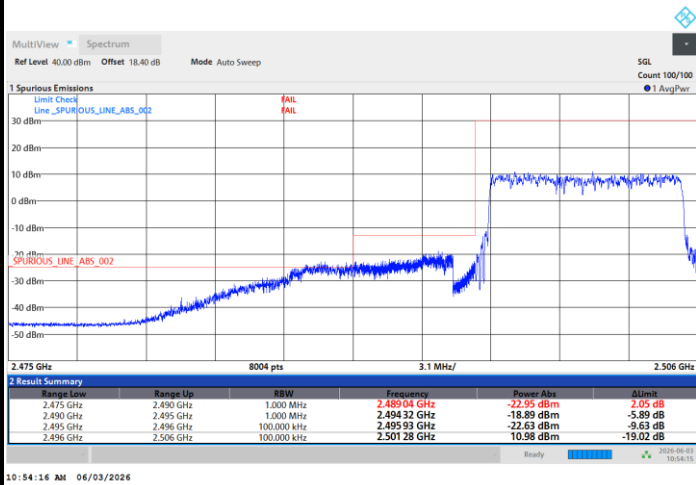
Lowest Band Edge / 1RB0



Lowest Band Edge / Full RB

Lowest Channel Full RB

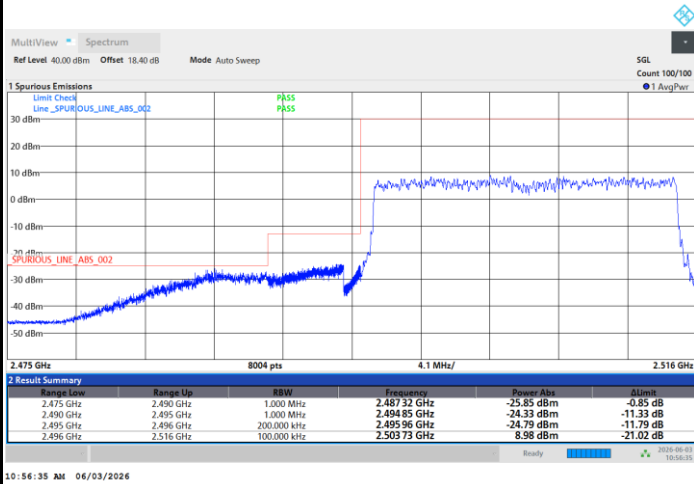
Channel power -25dBm > -25.96dBm (PASS)





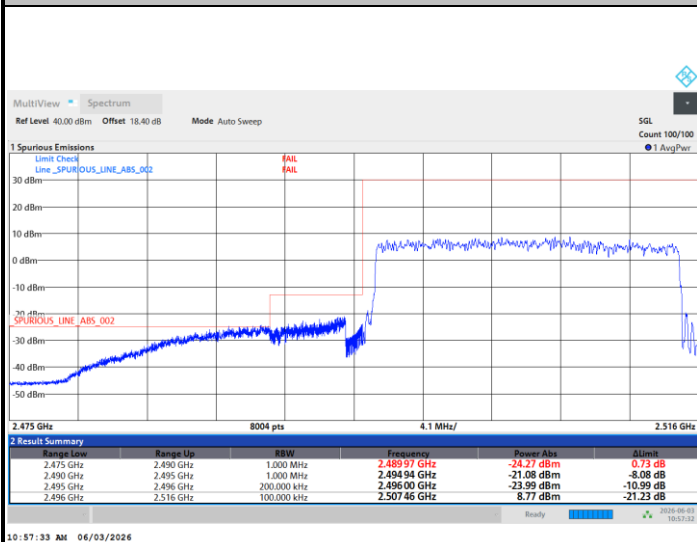
FR1 n41 / 20MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB



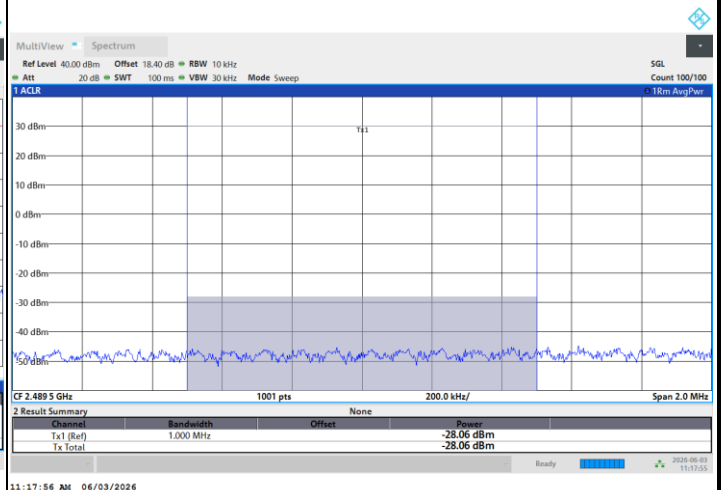
FR1 n41 / 20MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB



Lowest Channel Full RB

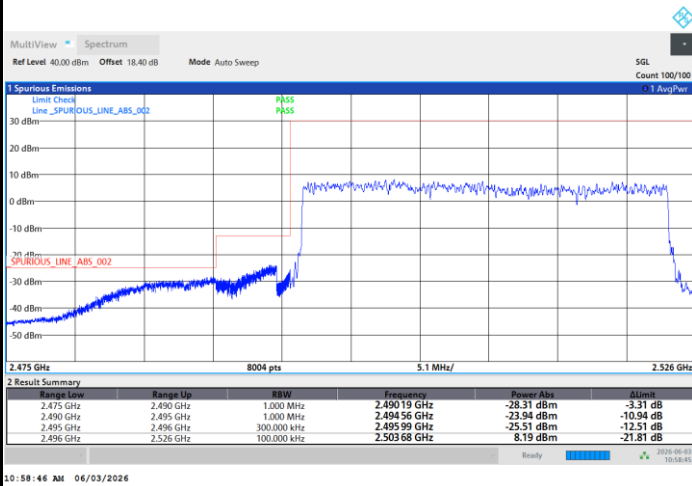
Channel power -25dBm > -28.06dBm (PASS)



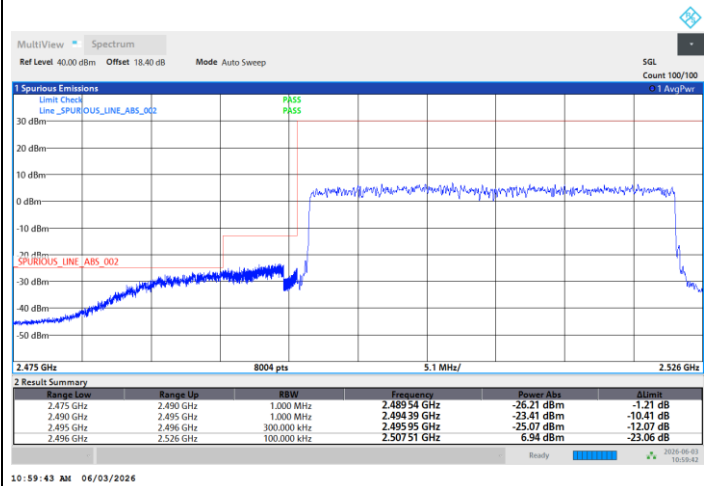


FR1 n41 / 30MHz / DFT-S OFDM

Lowest Band Edge / Full RB / PI/2 BPSK

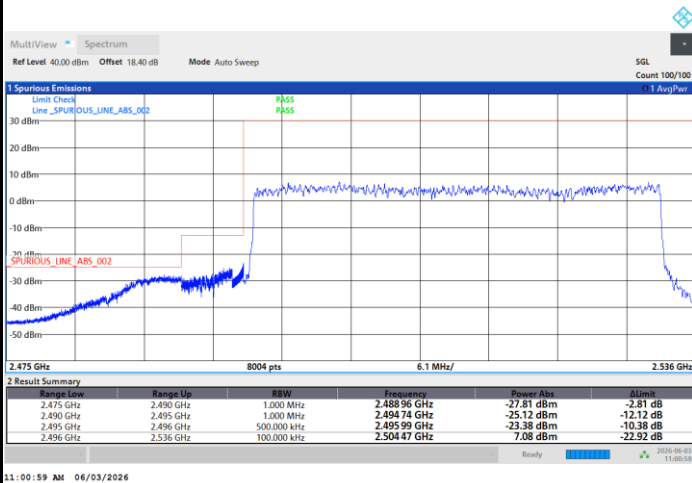


Lowest Band Edge / Full RB / QPSK

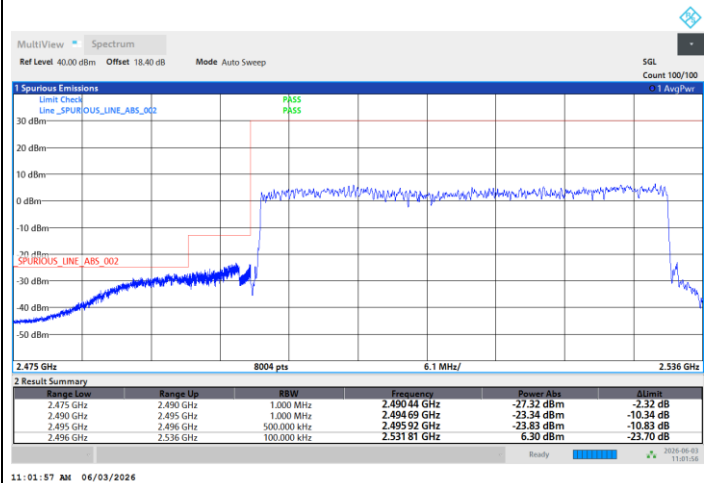


FR1 n41 / 40MHz / DFT-S OFDM

Lowest Band Edge / Full RB / PI/2 BPSK



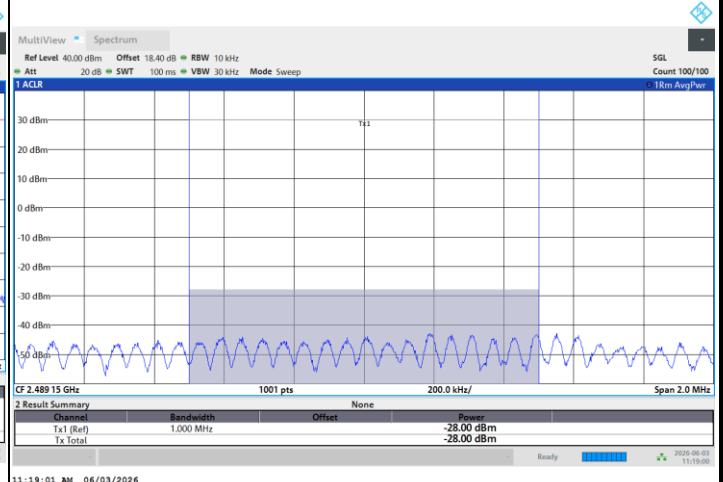
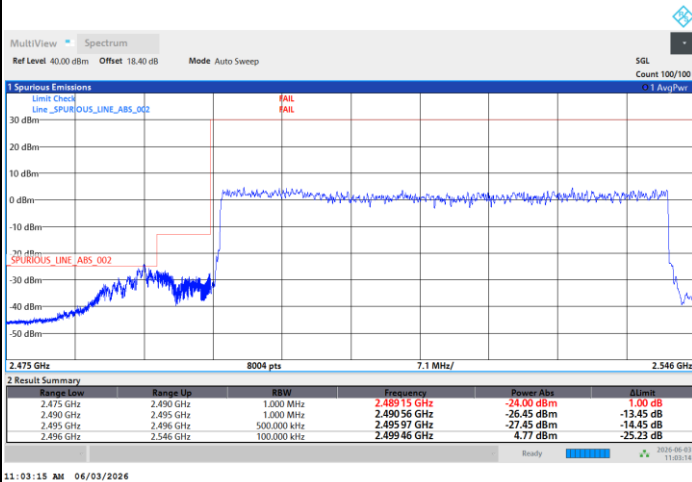
Lowest Band Edge / Full RB / QPSK





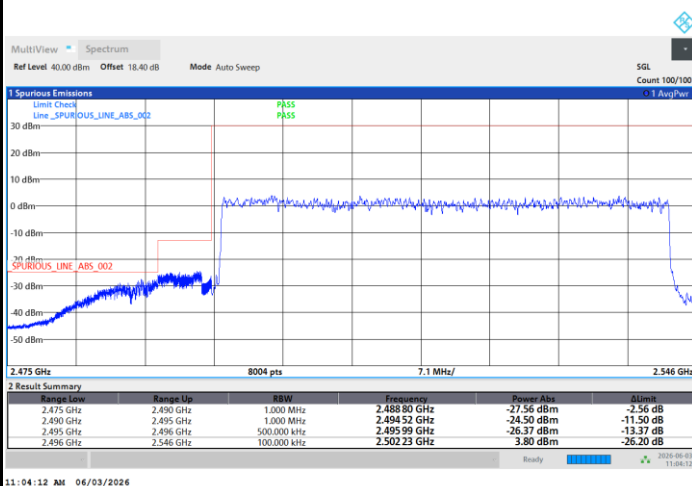
FR1 n41 / 50MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

Lowest Channel Full RB
Channel power -25dBm > -28.00dBm (PASS)

FR1 n41 / 50MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

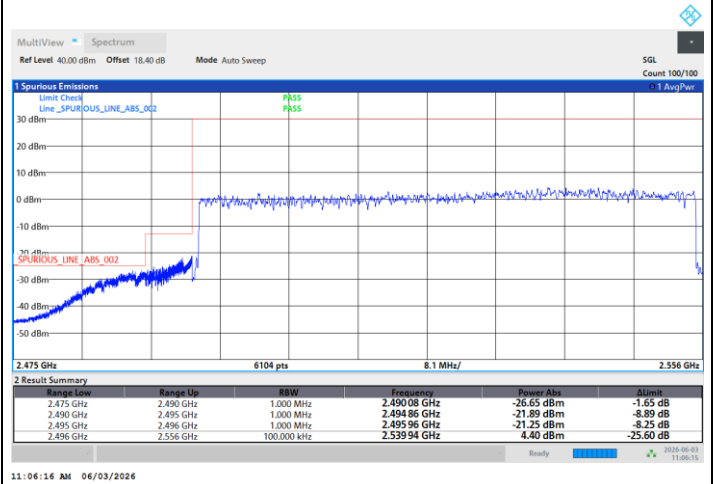
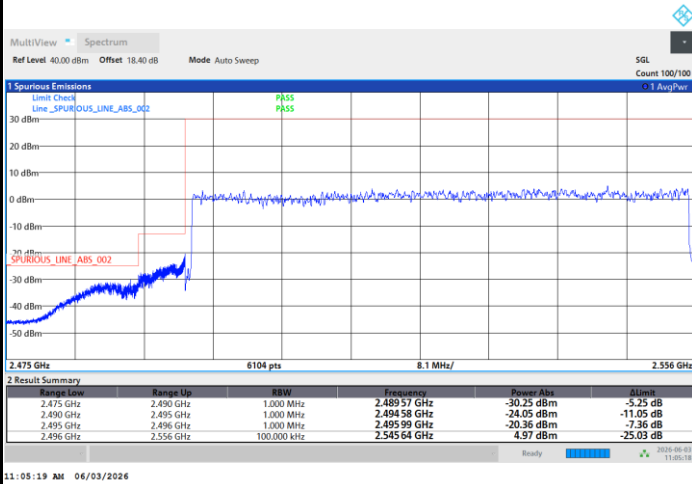




FR1 n41 / 60MHz / DFT-S OFDM

Lowest Band Edge / Full RB / PI/2 BPSK

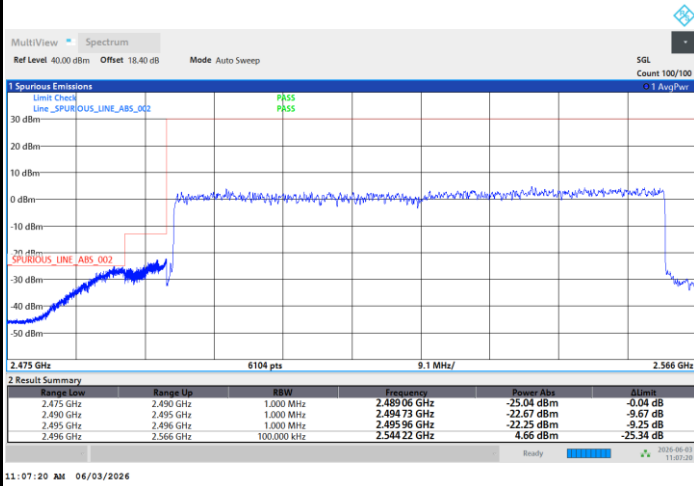
Lowest Band Edge / Full RB / QPSK





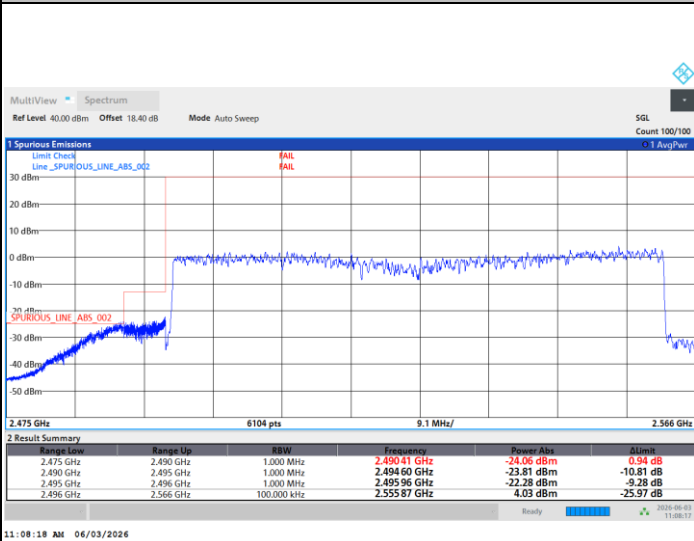
FR1 n41 / 70MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB



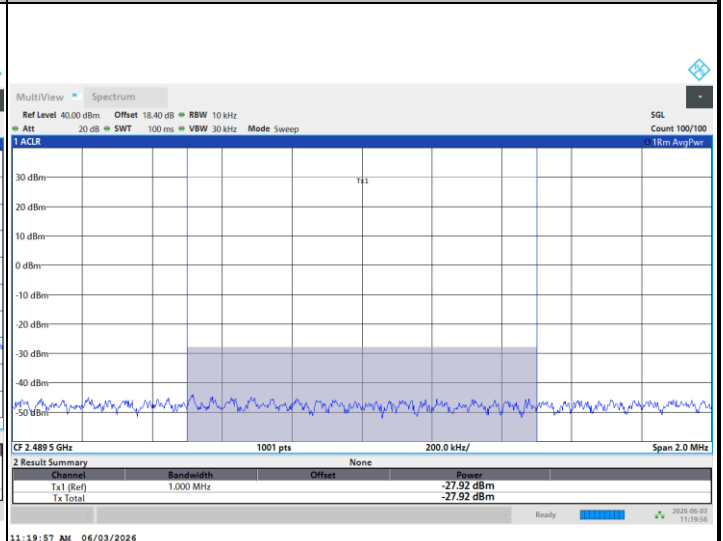
FR1 n41 / 70MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB



Lowest Channel Full RB

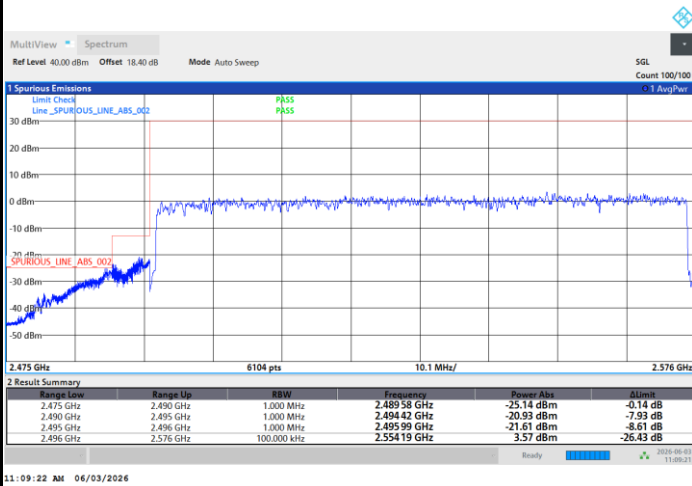
Channel power -25dBm > -27.92dBm (PASS)



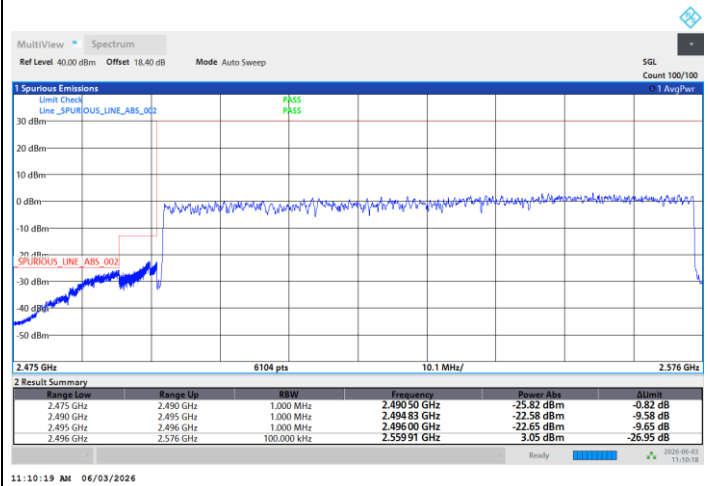


FR1 n41 / 80MHz / DFT-S OFDM

Lowest Band Edge / Full RB / PI/2 BPSK

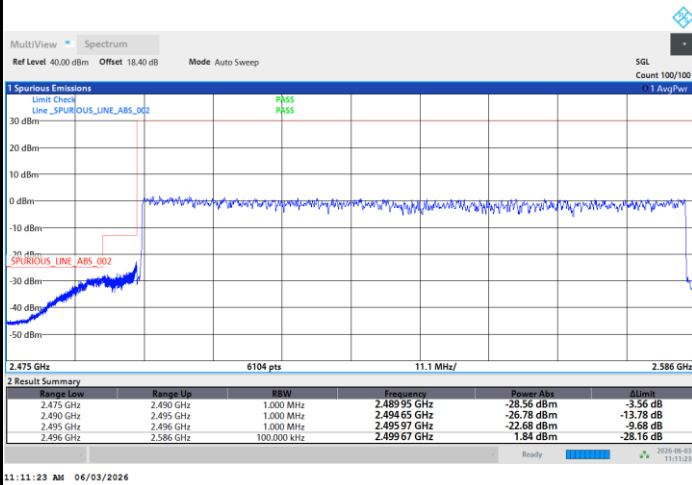


Lowest Band Edge / Full RB / QPSK

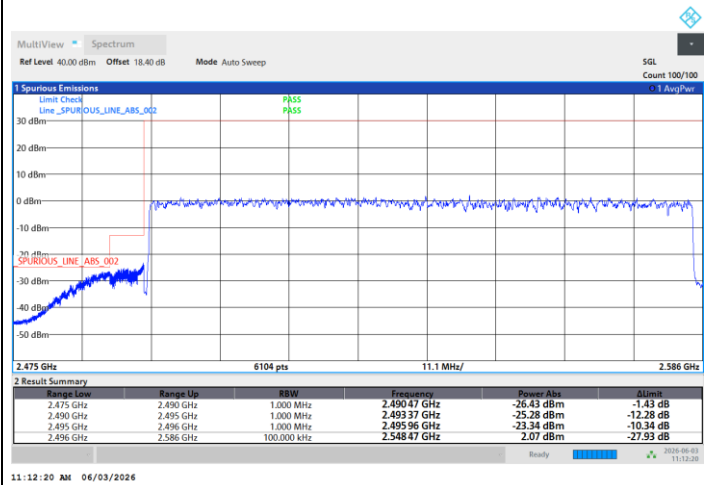


FR1 n41 / 90MHz / DFT-S OFDM

Lowest Band Edge / Full RB / PI/2 BPSK



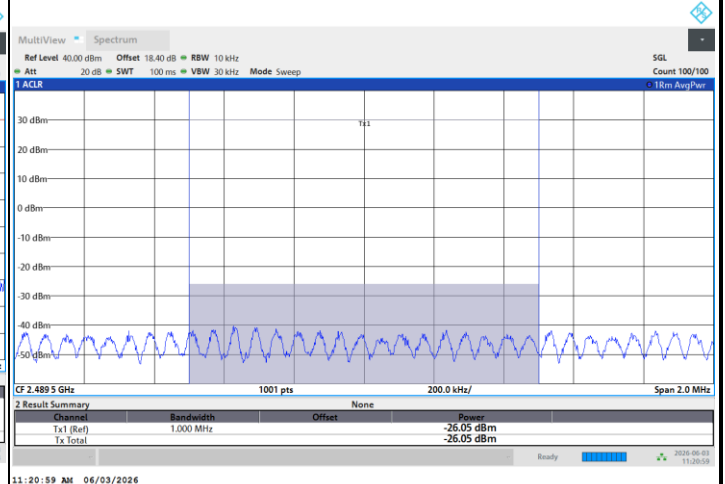
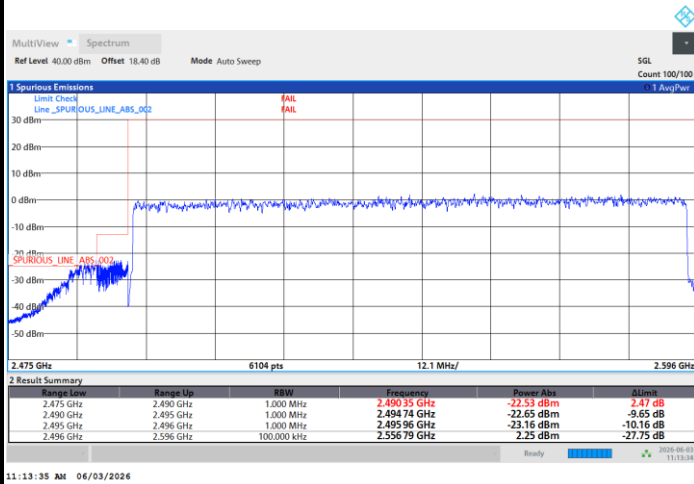
Lowest Band Edge / Full RB / QPSK





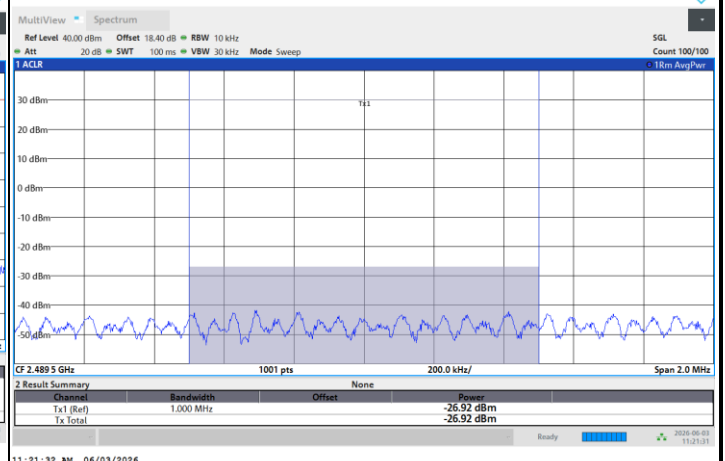
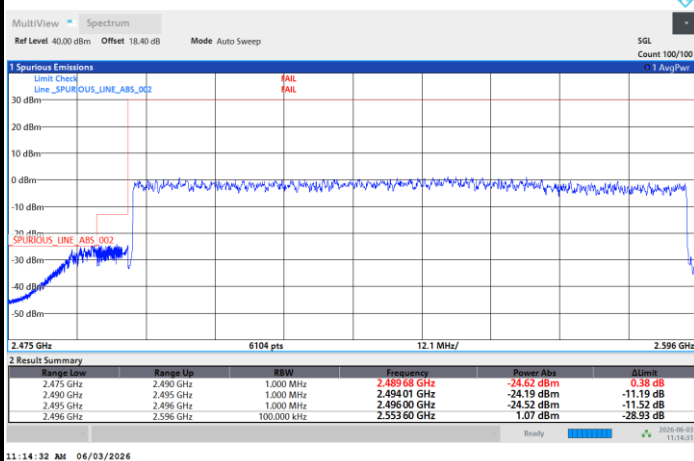
FR1 n41 / 100MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

Lowest Channel Full RB
Channel power -25dBm > -26.05dBm (PASS)

FR1 n41 / 100MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

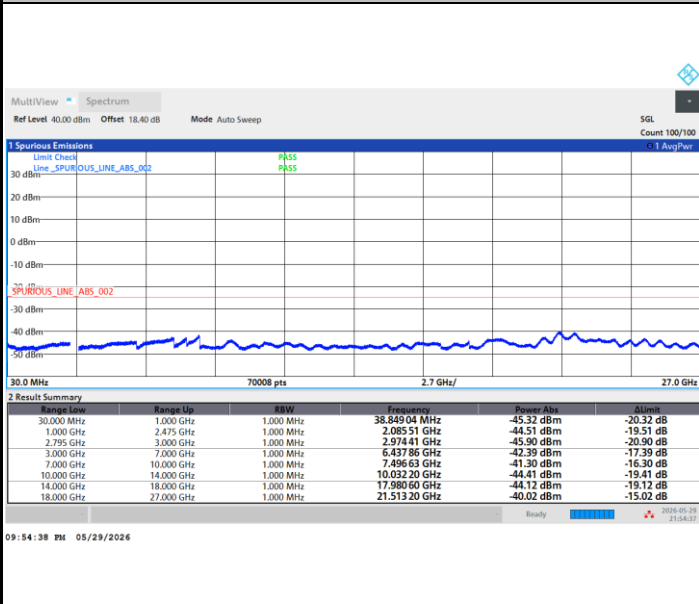
Lowest Channel Full RB
Channel power -25dBm > -26.92dBm (PASS)



Conducted Spurious Emission

FR1 n41 / 10MHz / DFT-S OFDM / QPSK / 1RB1

Lowest Channel





Appendix B. Radiated Spurious Emission Test Data

Test Engineer :	John Chuang, David Dai, and Sam Chou	Relative Humidity(%):	65.1 ~ 69.8
		Temperature(°C):	19.3 ~ 21.9

B1. Summary of each worse mode

Mode	Band	Part	Ch	Freq (MHz)	Level (dBm)	Det	Ant Factor (dB)	AmplCbl (dB)	Filter (dB)	EIRPCF (dB)	Reading (dBuV)	Limit (dBm)	Margin (dB)	Pol	Ant
1	PC1.5	Part 27M	L	9989	-53.52	RMS	38.36	-24.95	0.47	-95.23	27.83	-25.00	-28.52	H	1+2

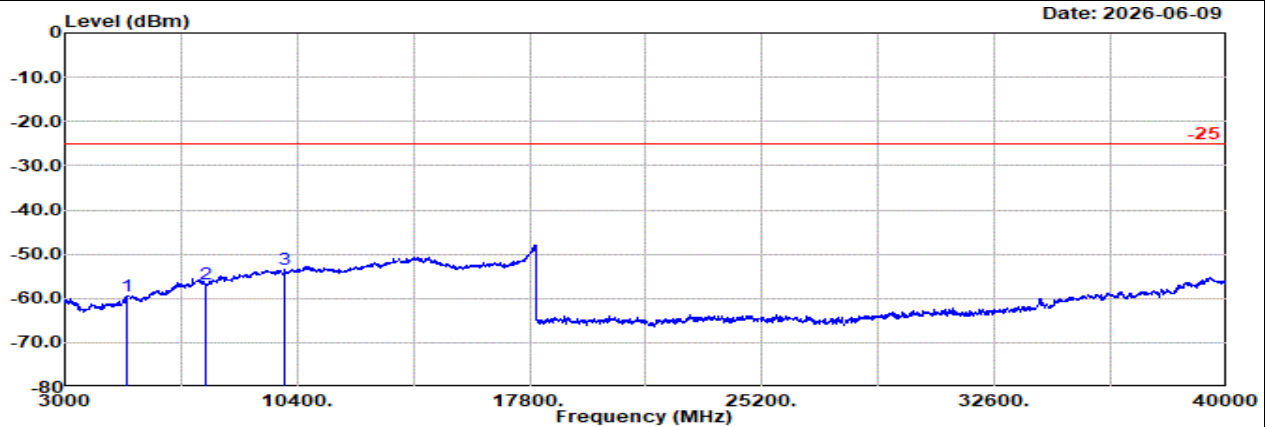


1+2

Part 27M Mode 1

NR SA n41 (PC1.5) 20M Ch501204 1RB1 BPSK

L

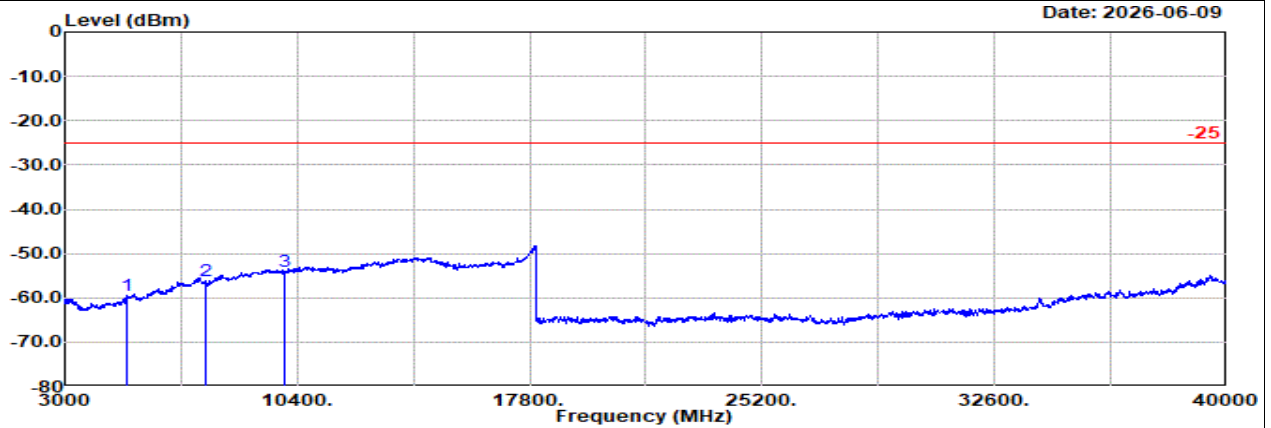


Site : 03CH20-HY

Condition: -25 1m BBHA9170_1223_250702 Horizontal

: NR SA n41 20M Ch501204 1RB1 BPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	1			dBuV	dBm		
1	4995.00	-59.47	RMS	33.27	-26.18	0.50	-95.23	28.17	-25.00	-34.47	Horizontal
2	7492.00	-56.61	RMS	36.42	-24.41	0.41	-95.23	26.20	-25.00	-31.61	Horizontal
3	9989.00	-53.52	RMS	38.36	-24.95	0.47	-95.23	27.83	-25.00	-28.52	Horizontal



Site : 03CH20-HY

Condition: -25 1m BBHA9170_1223_250702 Vertical

: NR SA n41 20M Ch501204 1RB1 BPSK

	Freq Level		Detector	Ant Amp\Cb Filter		EIRPCF	Readin g	Limit		Margin	Pol
	MHz	dBm		Factor	1			dBuV	dBm		
1	4995.00	-59.49	RMS	33.27	-26.18	0.50	-95.23	28.15	-25.00	-34.49	Vertical
2	7492.00	-56.26	RMS	36.42	-24.41	0.41	-95.23	26.55	-25.00	-31.26	Vertical
3	9989.00	-54.01	RMS	38.36	-24.95	0.47	-95.23	27.34	-25.00	-29.01	Vertical

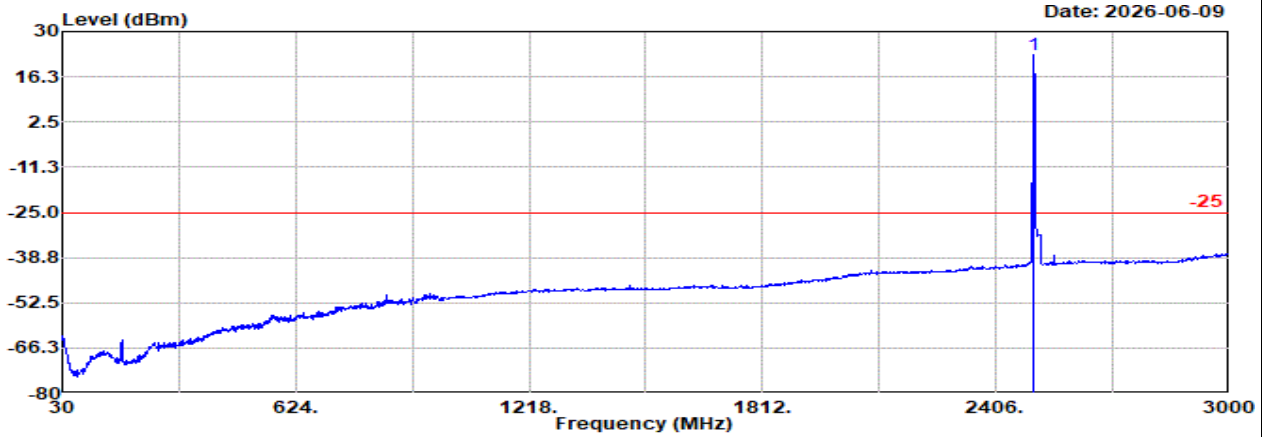


1+2

Part 27M Mode 1

NR SA n41 (PC1.5) 20M Ch501204 1RB1 BPSK

L



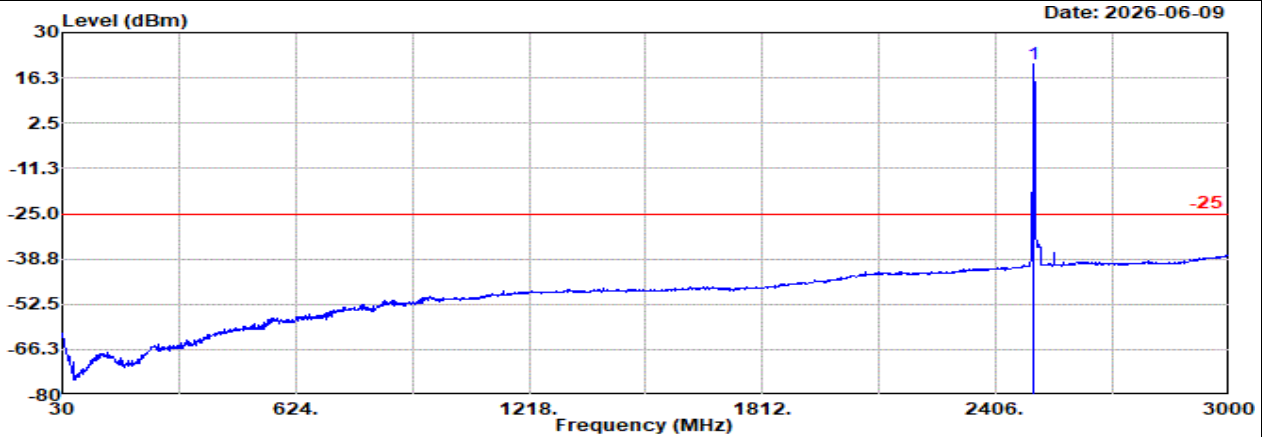
Site : 03CH20-HY

Condition: -25 3m HF_9120D_02360_251105 Horizontal

: NR SA n41 20M Ch501204 1RB1 BPSK

: #1 is fundamental signal which can be ignored.

	Freq	Level	Detector	Ant Amp\Cb Filter				Readin	Limit	Margin	Pol
				Factor	1	EIRPCF					
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	2502.00	23.00	RMS	27.80	8.22	0.00	-95.23	82.21	-25.00	48.00	Horizontal



Site : 03CH20-HY

Condition: -25 3m HF_9120D_02360_251105 Vertical

: NR SA n41 20M Ch501204 1RB1 BPSK

: #1 is fundamental signal which can be ignored.

	Freq	Level	Detector	Ant Amp\Cb Filter				Readin	Limit	Margin	Pol
				Factor	1	EIRPCF					
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	2502.00	20.60	RMS	27.80	8.22	0.00	-95.23	79.81	-25.00	45.60	Vertical