



FCC RADIO TEST REPORT

FCC ID : H8NSCU5000
Equipment : 5G Small cell
Brand Name : Askey
Model Name : NR xCell 60256BF
Applicant : ASKEY COMPUTER CORPORATION
10F, No.119, Jiankang Rd., Zhonghe Dist., New
Taipei City, Taiwan, 23585
Manufacturer : ASKEY COMPUTER CORPORATION
10F, No.119, Jiankang Rd., Zhonghe Dist., New
Taipei City, Taiwan
Standard : FCC 47 CFR Part 2, 96

The product was received on Mar. 06, 2026 and testing was performed from Apr. 15, 2026 to May. 04, 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 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
FG622707A	01	Initial issue of report	May 29, 2026



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046	Conducted Output Power	Pass	-
3.3	§96.41	Peak-to-Average Ratio	Pass	-
3.4	§96.41	Effective Isotropic Radiated Power	Pass	-
		Power Density	Pass	-
3.5	§2.1049	Occupied Bandwidth	Pass	-
3.6	§2.1051 §96.41	Conducted Band Edge Measurement	Pass	-
3.7	§2.1051 §96.41	Conducted Spurious Emission	Pass	-
3.8	§2.1055	Frequency Stability for Temperature & Voltage	Pass	-
4.4	§2.1053 §96.41	Radiated Spurious Emission	Pass	-

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: Steve Chen**Report Producer: Julia Chang**



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature
General Specs 5G NR

Remark: The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.

Antenna Information				
Internal Antenna	Type	Dipole Antenna	Antenna Gain	6.63 dBi
External Antenna	Type	Loop Antenna	Antenna Gain	12.47 dBi

Remark: All the tests were performed with maximum gain.

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Site

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	Sporton Site No.
	TH02-HY (TAF Code: 1190)
Test Engineer	Qiao Tan
Temperature (°C)	21.3 ~ 23.8
Relative Humidity (%)	48.2 ~ 58.8
Remark	The Conducted test item subcontracted to Sporton International Inc. EMC & Wireless Communications Laboratory



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. 03CH12-HY
Test Engineer	Gerry Wei
Temperature (°C)	21.2~24.0
Relative Humidity (%)	56.4~60.9

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

FCC Designation No.: TW1190 and TW3786



1.4 Applied 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, 96
- ♦ FCC KDB 971168 Power Meas. License Digital Systems v03r01
- ♦ FCC KDB 940660 D01 Part 96 CBRS Eqpt v03
- ♦ FCC KDB 412172 D01 Determining ERP and EIRP
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01
- ♦ FCC KDB 971168 D01 Power Meas. License Digital Systems

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.

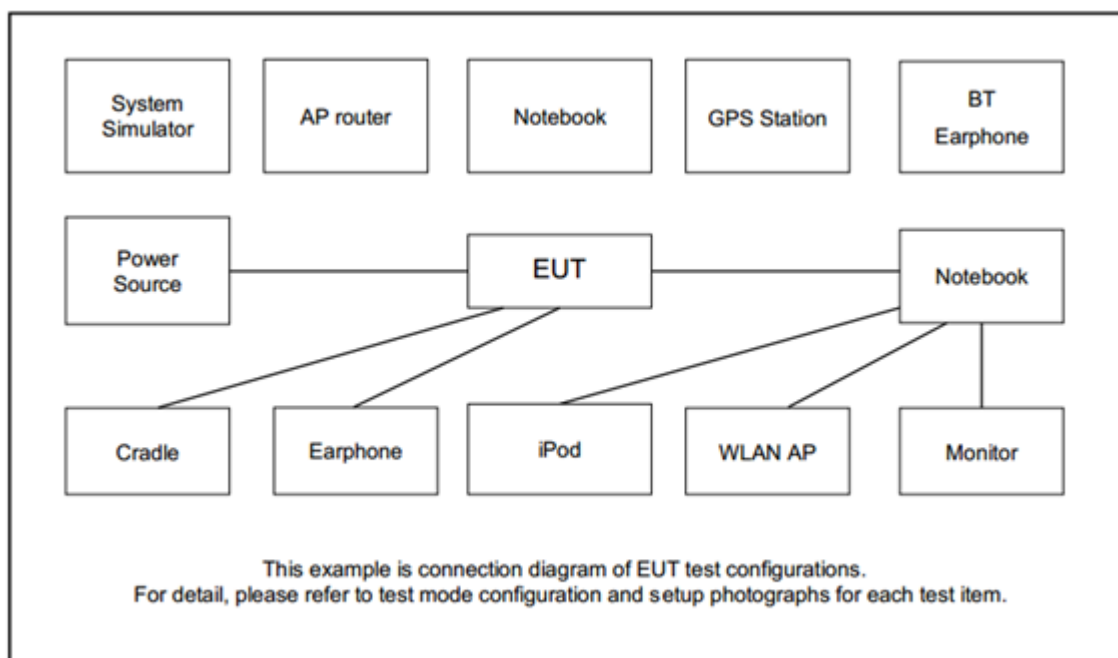
2 Test Configuration of Equipment Under Test

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, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in two config (Ant. Horizontal and Ant. Vertical), and adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and only the worst case emissions were reported in this report.

2.2 Connection Diagram of Test System





2.3 Frequency List of Low/Middle/High Channels

5G NR Band 48 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
40	Channel	638000	641666	645332
	Frequency	3570	3624.99	3679.98
30	Channel	637668	641666	645666
	Frequency	3565.02	3624.99	3684.99
20	Channel	637334	641666	646000
	Frequency	3560.01	3624.99	3690
10	Channel	637000	641666	646332
	Frequency	3555	3624.99	3694.98

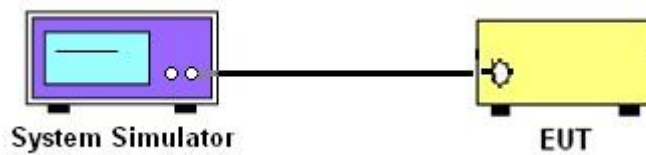
3 Conducted Test Items

3.1 Measuring Instruments

See list of measuring instruments of this test report.

3.1.1 Test Setup

3.1.2 Conducted Output Power



3.1.3 Test Result of Conducted Test

Please refer to Appendix A.



3.2 Conducted Output Power Measurement

3.2.1 Description of the Conducted Output Power Measurement

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

3.2.2 Test Procedures

1. The transmitter output port was connected to base station.
2. Set EUT at maximum power through base station.
3. Select lowest, middle, and highest channels for each band and different modulation.
4. Measure and record the power level from the system simulator.



3.3 Peak-to-Average Ratio

3.3.1 Description of the PAR Measurement

Power Complementary Cumulative Distribution Function (CCDF) curves provide a means for characterizing the power peaks of a digitally modulated signal on a statistical basis. A CCDF curve depicts the probability of the peak signal amplitude exceeding the average power level. Most contemporary measurement instrumentation include the capability to produce CCDF curves for an input signal provided that the instrument's resolution bandwidth can be set wide enough to accommodate the entire input signal bandwidth. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

3.3.2 Test Procedures

The testing follows ANSI C63.26-2015 Section 5.2.6

1. The EUT was connected to spectrum and system simulator via a power divider.
2. Set the CCDF (Complementary Cumulative Distribution Function) option in spectrum analyzer.
3. The highest RF powers were measured and recorded the maximum PAPR level associated with a probability of 0.1 %.
4. Record the deviation as Peak to Average Ratio.



3.4 EIRP

3.4.1 Description of the EIRP and Power Density Measurement

The EIRP of mobile transmitters must not exceed 23 dBm /10 megahertz for LTE Band 48.

The testing follows ANSI C63.26-2015 Section 5.2.5.5.

According to KDB 412172 D01 Power Approach,

$EIRP = P_T + G_T - LC$, where

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

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

Device	Maximum EIRP (dBm/10 MHz)	Maximum PSD (dBm/MHz)
Category B CBSD	47	37

Remark :

The MIMO mode is completely uncorrelated, so the directional gain is selected the maximum gain among all antennas.

3.4.2 Test Procedures

The testing follows procedure in Section 5.2 of ANSI C63.26-2015 and KDB 940660 D01 Part 96 CBRS Eqpt v03 Section 3.2(b)(2)

Determine the EIRP by adding the effective antenna gain to the measured average conducted power level.



3.5 Occupied Bandwidth

3.5.1 Description of Occupied Bandwidth Measurement

The occupied bandwidth is the width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5% of the total mean transmitted power.

The 26 dB emission bandwidth is defined as the frequency range between two points, one above and one below the carrier frequency, at which the spectral density of the emission is attenuated 26 dB below the maximum in-band spectral density of the modulated signal. Spectral density (power per unit bandwidth) is to be measured with a detector of resolution bandwidth equal to approximately 1.0% of the emission bandwidth.

3.5.2 Test Procedures

The testing follows ANSI C63.26-2015 Section 5.4.3 (26dB) and Section 5.4.4 (99OB)

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The span range for the spectrum analyzer shall be between two and five times the anticipated OBW.
3. The nominal resolution bandwidth (RBW) shall be in the range of 1 to 5 % of the anticipated OBW, and the VBW shall be at least 3 times the RBW.
4. Set the detection mode to peak, and the trace mode to max hold.
5. Determine the reference value: Set the EUT to transmit a modulated signal. Allow the trace to stabilize. Set the spectrum analyzer marker to the highest level of the displayed trace.
(this is the reference value)
6. Determine the “-26 dB down amplitude” as equal to (Reference Value – X).
7. Place two markers, one at the lowest and the other at the highest frequency of the envelope of the spectral display such that each marker is at or slightly below the “-X dB down amplitude” determined in step 6. If a marker is below this “-X dB down amplitude” value it shall be placed as close as possible to this value. The OBW is the positive frequency difference between the two markers.
8. Use the 99 % power bandwidth function of the spectrum analyzer and report the measured bandwidth.

3.6 Conducted Band Edge

3.6.1 Description of Conducted Band Edge Measurement

The conducted power of any End User Device emission outside the fundamental emission (whether in or outside of the authorized band) shall not exceed -13 dBm/MHz within 0 to B megahertz (where B is the bandwidth in megahertz of the assigned channel or multiple contiguous channels of the End User Device) above the upper CBSD-assigned channel edge and within 0 to B megahertz below the lower CBSD-assigned channel edge. At all frequencies greater than B megahertz above the upper CBSD assigned channel edge and less than B megahertz below the lower CBSD-assigned channel edge, the conducted power of any End User Device emission shall not exceed -25 dBm/MHz. Notwithstanding the emission limits in this paragraph, the Adjacent Channel Leakage Ratio for End User Devices shall be at least 30 dB.

3.6.2 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.

3.7 Conducted Spurious Emission

3.7.1 Description of Conducted Spurious Emission Measurement

96.41 (e)(2)

The conducted power of any emissions below 3530 MHz or above 3720 MHz shall not exceed -40dBm/MHz.

3.7.2 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 middle channel for the highest RF power within the transmitting frequency was measured.
4. The conducted spurious emission for the whole frequency range was taken.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz.
6. Set spectrum analyzer with RMS detector.
7. Taking the record of maximum spurious emission.
8. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
9. The test reduction is applied to 1RB case for 10MHz Bandwidth to cover the all operation bandwidths. RBW 500kHz is applied to the 0-1MHz offset from the edge of the frequency block group for 1RB mode in order to represent the worst case condition.
10. For MIMO mode, add additional MIMO factor $10\log(\text{NTX}=2) = 3.01\text{dB}$ into the spectrum analyzer offset.



3.8 Frequency Stability

3.8.1 Description of Frequency Stability Measurement

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block.

3.8.2 Test Procedures for Temperature Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

1. The EUT was set up in the thermal chamber and connected with the system simulator.
2. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
3. With power OFF, the temperature was raised in 10°C step up to 50°C. The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.

3.8.3 Test Procedures for Voltage Variation

The testing follows FCC KDB 971168 D01 v03r01 Section 9.0.

1. The EUT was placed in a temperature chamber at 25±5° C and connected with the system simulator.
2. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value measured at the input to the EUT.
3. The variation in frequency was measured for the worst case.

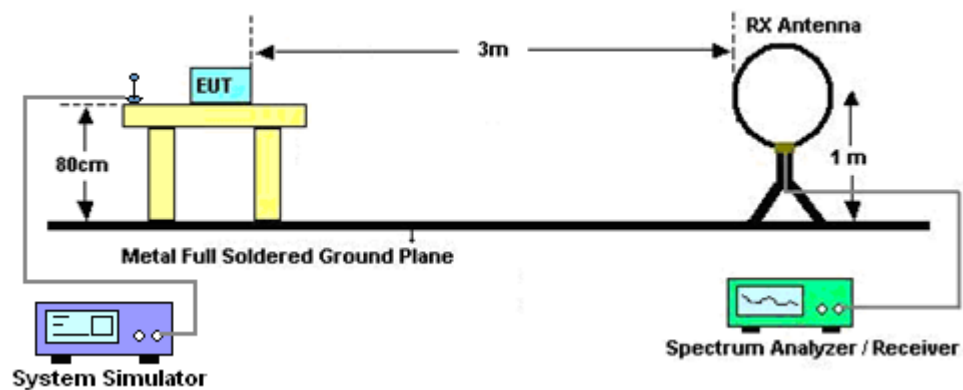
4 Radiated Test Items

4.1 Measuring Instruments

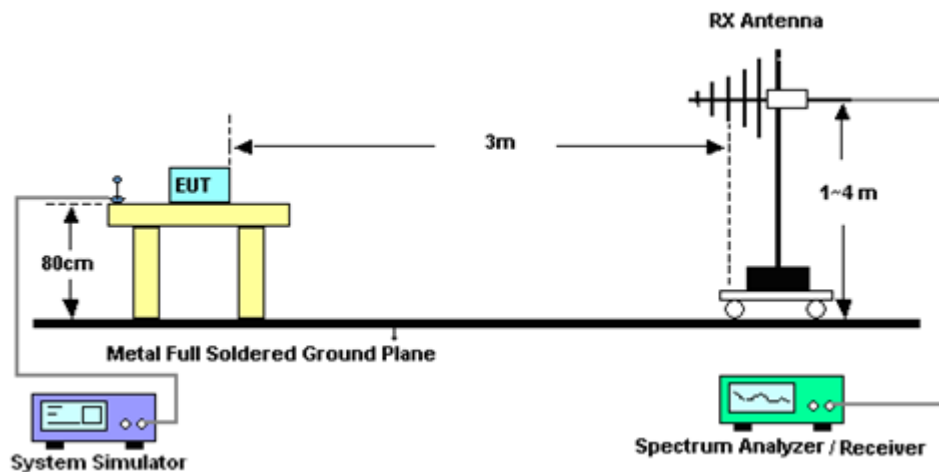
See list of measuring instruments of this test report.

4.2 Test Setup

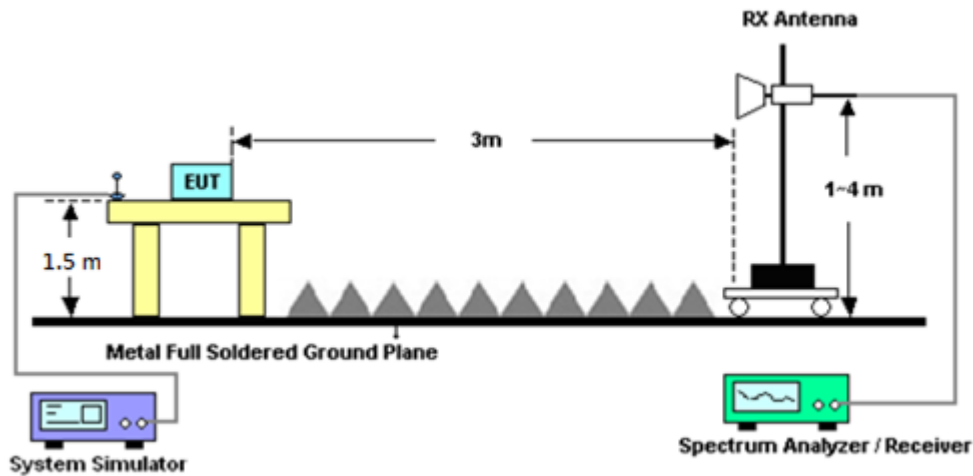
For radiated test below 30MHz



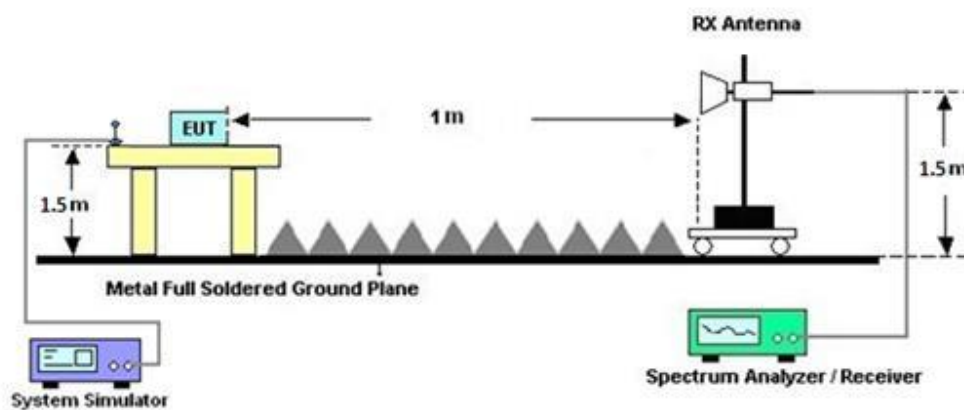
For radiated test from 30MHz to 1GHz



For radiated emissions from 1GHz to 18GHz



For radiated emissions above 18GHz



4.3 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.



4.4 Radiated Spurious Emission

4.4.1 Description of Radiated Spurious Emission

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 -40dBm / MHz

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

4.4.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 7 and ANSI C63.26-2015 section 5.5.7 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 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 1m to 4m to search the maximum spurious emission for both horizontal and vertical polarizations.
5. During the measurement, the system simulator parameters were set to force the EUT transmitting at maximum output power.
6. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
7. 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
8. Field Strength Level (dBm) = Spectrum Reading (dBm) + Antenna Factor + Cable Loss + Read Level - Preamp Factor.
9. ERP (dBm) = EIRP (dBm) - 2.15
10. 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
Loop Antenna	Rohde & Schwarz	HFH2-Z2E	101108	9 kHz~30 MHz	Dec. 11, 2025	Apr. 15, 2026 ~ Apr. 29, 2026	Dec. 10, 2026	Radiation (03CH12-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	37059 & 01	30MHz~1GHz	Nov. 26, 2025	Apr. 15, 2026 ~ Apr. 29, 2026	Nov. 25, 2026	Radiation (03CH12-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-02114	1GHz~18GHz	Jul. 02, 2025	Apr. 15, 2026 ~ Apr. 29, 2026	Jul. 01, 2026	Radiation (03CH12-HY)
Amplifier	EMCI	EMC051845S E	980729	1-18GHz	Dec. 17, 2025	Apr. 15, 2026 ~ Apr. 29, 2026	Dec. 16, 2026	Radiation (03CH12-HY)
Spectrum Analyzer	Agilent	N9010A	MY53470118	10Hz~44GHz	Sep. 09, 2025	Apr. 15, 2026 ~ Apr. 29, 2026	Sep. 08, 2026	Radiation (03CH12-HY)
EMI Test Receiver	Agilent	N9038A(MXE)	MY53290053	20Hz~26.5GHz	Sep. 08, 2025	Apr. 15, 2026 ~ Apr. 29, 2026	Sep. 07, 2026	Radiation (03CH12-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1223	18GHz~40GHz	Jul. 02, 2025	Apr. 15, 2026 ~ Apr. 29, 2026	Jul. 01, 2026	Radiation (03CH12-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 02, 2025	Apr. 15, 2026 ~ Apr. 29, 2026	Dec. 01, 2026	Radiation (03CH12-HY)
Notch Filter	Wainwright	WLK4-1000-15 30-8000-40SS	SN111	1.53GHz Low Pass Filter	Nov. 04, 2025	Apr. 15, 2026 ~ Apr. 29, 2026	Nov. 03, 2026	Radiation (03CH12-HY)
Notch Filter	Wainwright	WHKX8-5872. 5-6750-18000-40ST	SN2	6.75GHz High Pass Filter	Mar. 11, 2026	Apr. 15, 2026 ~ Apr. 29, 2026	Mar. 10, 2027	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803955/2	30MHz~40GHz	Oct. 31, 2025	Apr. 15, 2026 ~ Apr. 29, 2026	Oct. 30, 2026	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30MHz~40GHz	Oct. 31, 2025	Apr. 15, 2026 ~ Apr. 29, 2026	Oct. 30, 2026	Radiation (03CH12-HY)
RF Cable	EMCI	EMC101Y-KM-KM-1000	240905	30MHz~40GHz	Oct. 31, 2025	Apr. 15, 2026 ~ Apr. 29, 2026	Oct. 30, 2026	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102/SUCOFLEX 104	EC-A5-300-5 757,805935/ 4	9kHz~30MHz	Oct. 01, 2025	Apr. 15, 2026 ~ Apr. 29, 2026	Sep. 30, 2026	Radiation (03CH12-HY)
Hygrometer	TECEPEL	DTM-303B	TP210090	N/A	Aug. 26, 2025	Apr. 15, 2026 ~ Apr. 29, 2026	Aug. 25, 2026	Radiation (03CH12-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Apr. 15, 2026 ~ Apr. 29, 2026	N/A	Radiation (03CH12-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Apr. 15, 2026 ~ Apr. 29, 2026	N/A	Radiation (03CH12-HY)
Radio Communication Test Station	Anritsu	MT8000A	6262261912	N/A	May 07, 2025	Apr. 15, 2026 ~ Apr. 29, 2026	May 06, 2026	Radiation (03CH12-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Apr. 15, 2026 ~ Apr. 29, 2026	N/A	Radiation (03CH12-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Software	Audix	E3 6.2009-8-24	RK-000989	N/A	N/A	Apr. 15, 2026 ~ Apr. 29, 2026	N/A	Radiation (03CH12-HY)
Signal Analyzer	Rohde & Schwarz	FSV3044	101356	10Hz~44GHz	Aug. 11, 2025	Apr. 17, 2026 ~ May. 04, 2026	Aug. 10, 2026	Conducted (TH02-HY)
Thermal Chamber	Ten Billion	TTH-D3SP	TBN-930701	-30°C ~70°C	Nov. 19, 2025	Apr. 17, 2026 ~ May. 04, 2026	Nov. 18, 2026	Conducted (TH02-HY)
USB Data Logger	TECPEL	TR-32	HE17XB2468	N/A	Mar. 19, 2026	Apr. 17, 2026 ~ May. 04, 2026	Mar. 18, 2027	Conducted (TH02-HY)
AC Power Source	AC POWER	AFC-11003G	F319090099	50Hz~60Hz	N/A	Apr. 17, 2026 ~ May. 04, 2026	N/A	Conducted (TH02-HY)
GPS Emulator (Link)	Pendulum	GSG-54	160038	OPT-8	N/A	Apr. 17, 2026 ~ May. 04, 2026	N/A	Conducted (TH02-HY)



6 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.50 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 6 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.90 dB
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Uncertainty of Radiated Emission Measurement (6 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.70 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.90 dB
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QPSK	Average Burst Power (dBm)																	
	Low Channel						Middle Channel						High Channel					
	ANT1	ANT2	ANT3	ANT4	SUM	EIRP	ANT1	ANT2	ANT3	ANT4	SUM	EIRP	ANT1	ANT2	ANT3	ANT4	SUM	EIRP
10MHz	23.78	23.46	24.12	23.84	29.83	42.30	23.91	23.72	23.99	24.13	29.96	42.43	23.32	23.66	23.92	23.68	29.67	42.14
20MHz	23.99	23.88	24.11	24.06	30.03	42.50	23.97	24.00	24.24	24.36	30.17	42.64	23.75	23.72	24.05	23.45	29.77	42.24
30MHz	23.97	23.91	24.22	24.08	30.07	42.54	24.13	24.03	24.36	24.46	30.27	42.74	23.90	23.87	24.24	23.29	29.86	42.33
40MHz	23.64	23.09	23.45	22.31	29.17	41.64	24.49	23.22	23.51	22.60	29.53	42.00	23.44	22.85	23.47	22.73	29.16	41.63

64QAM	Average Burst Power (dBm)																	
	Low Channel						Middle Channel						High Channel					
	ANT1	ANT2	ANT3	ANT4	SUM	EIRP	ANT1	ANT2	ANT3	ANT4	SUM	EIRP	ANT1	ANT2	ANT3	ANT4	SUM	EIRP
10MHz	23.83	23.65	24.13	23.86	29.89	42.36	24.09	23.77	24.16	24.10	30.05	42.52	23.58	23.42	23.93	23.58	29.65	42.12
20MHz	24.08	23.92	24.23	24.08	30.10	42.57	24.12	24.10	24.34	24.35	30.25	42.72	23.82	23.71	24.24	23.45	29.84	42.31
30MHz	24.06	23.98	24.38	24.07	30.15	42.62	24.26	24.12	24.46	24.46	30.35	42.82	23.99	22.78	24.37	23.53	29.73	42.20
40MHz	23.55	23.15	23.47	22.35	29.18	41.65	24.75	23.20	23.57	22.61	29.63	42.10	23.69	22.85	23.53	22.76	29.25	41.72

256QAM	Average Burst Power (dBm)																	
	Low Channel						Middle Channel						High Channel					
	ANT1	ANT2	ANT3	ANT4	SUM	EIRP	ANT1	ANT2	ANT3	ANT4	SUM	EIRP	ANT1	ANT2	ANT3	ANT4	SUM	EIRP
10MHz	23.86	23.56	24.09	23.86	29.87	42.34	24.04	23.75	24.17	24.10	30.04	42.51	23.73	23.60	23.91	23.64	29.74	42.21
20MHz	24.08	23.88	24.24	23.03	29.85	42.32	24.23	24.13	24.31	24.33	30.27	42.74	23.89	23.86	24.23	23.47	29.89	42.36
30MHz	24.10	24.00	24.38	24.16	30.18	42.65	24.29	24.14	24.53	24.42	30.37	42.84	23.96	23.86	24.39	23.53	29.97	42.44
40MHz	23.46	23.12	23.48	22.36	29.15	41.62	24.00	23.19	23.60	22.55	29.39	41.86	23.68	22.93	23.57	22.73	29.27	41.74

FR1 n48 Conducted Test Items

<MIMO ANT 1>

Maximum EIRP (dBm/10MHz)

Mode	FR1 n48 : Conducted (dBm/10MHz) <SISO> Lowest Channel							
BW	10MHz		20MHz		30MHz		40MHz	
Mod.	QPSK	-	QPSK	-	QPSK	-	QPSK	-
Lowest CH	24.11	-	21.46	-	19.67	-	17.78	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Lowest CH	24.08	24.02	21.64	21.61	19.73	19.87	17.71	17.61

Mode	FR1 n48 : Maximum EIRP (dBm/10MHz) <MIMO 4TX> Lowest Channel							
BW	10MHz		20MHz		30MHz		40MHz	
Mod.	QPSK	-	QPSK	-	QPSK	-	QPSK	-
Lowest CH	42.60	-	39.95	-	38.16	-	36.27	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Lowest CH	42.57	42.51	40.13	40.10	38.22	38.36	36.20	36.10
Limit	47dBm/10MHz							
Result	PASS							

Note

1. The measured conducted result has included duty cycle offset factor.
2. The Maximum EIRP = conducted result + 6.02dB (4TX) + 12.47 dBi MIMO antenna gain.



Mode	FR1 n48 : Conducted (dBm/10MHz) <SISO> Middle Channel							
BW	10MHz		20MHz		30MHz		40MHz	
Mod.	QPSK	-	QPSK	-	QPSK	-	QPSK	-
Middle CH	24.03	-	21.58	-	19.87	-	18.65	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	24.22	24.15	21.92	21.90	20.02	20.07	18.91	17.89

Mode	FR1 n48 : Maximum EIRP (dBm/10MHz) <MIMO 4TX> Middle Channel							
BW	10MHz		20MHz		30MHz		40MHz	
Mod.	QPSK	-	QPSK	-	QPSK	-	QPSK	-
Middle CH	42.52	-	40.07	-	38.36	-	37.14	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	42.71	42.64	40.41	40.39	38.51	38.56	37.40	36.38
Limit	47dBm/10MHz							
Result	PASS							

Note

1. The measured conducted result has included duty cycle offset factor.
2. The Maximum EIRP = conducted result + 6.02dB (4TX) + 12.47 dBi MIMO antenna gain.



Mode	FR1 n48 : Conducted (dBm/10MHz) <SISO> Highest Channel							
BW	10MHz		20MHz		30MHz		40MHz	
Mod.	QPSK	-	QPSK	-	QPSK	-	QPSK	-
Highest CH	23.47	-	21.48	-	19.51	-	17.62	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Highest CH	23.75	23.80	21.52	21.52	19.78	19.82	17.46	18.47

Mode	FR1 n48 : Maximum EIRP (dBm/10MHz) <MIMO 4TX> Highest Channel							
BW	10MHz		20MHz		30MHz		40MHz	
Mod.	QPSK	-	QPSK	-	QPSK	-	QPSK	-
Highest CH	41.96	-	39.97	-	38.00	-	36.11	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Highest CH	42.24	42.29	40.01	40.01	38.27	38.31	35.95	36.96
Limit	47dBm/10MHz							
Result	PASS							

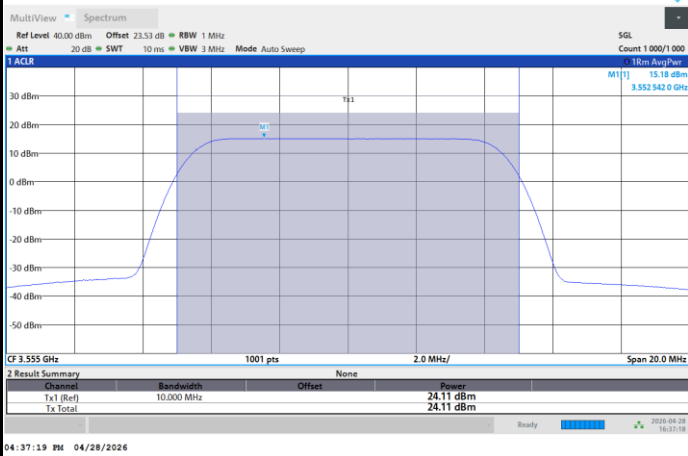
Note

1. The measured conducted result has included duty cycle offset factor.
2. The Maximum EIRP = conducted result + 6.02dB (4TX) + 12.47 dBi MIMO antenna gain.

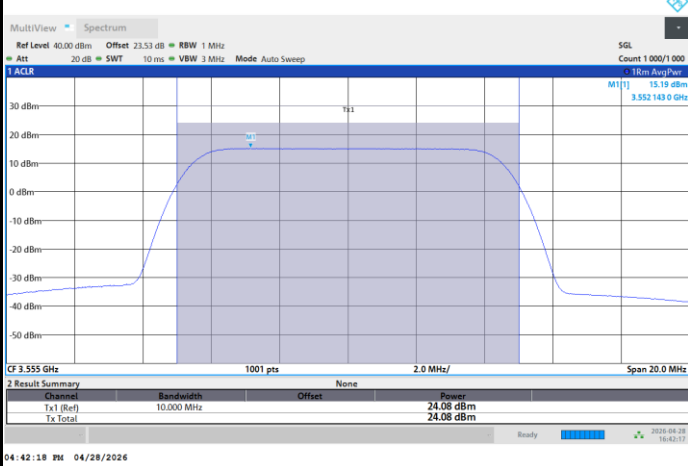


FR1 n48 / 10MHz / Lowest Channel / Conducted (dBm/10MHz)

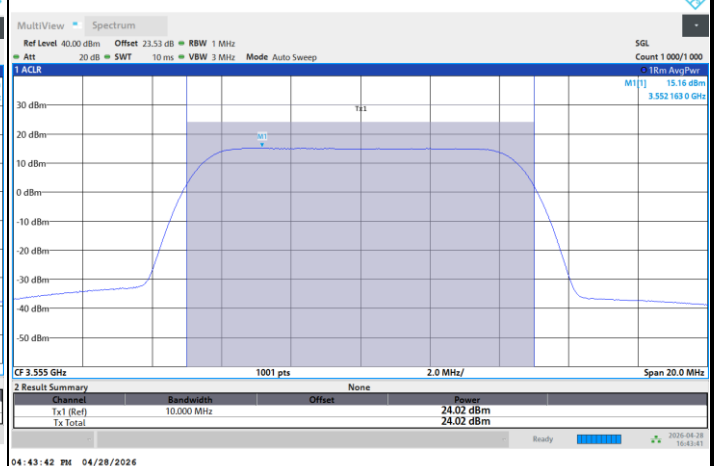
QPSK



64QAM



256QAM



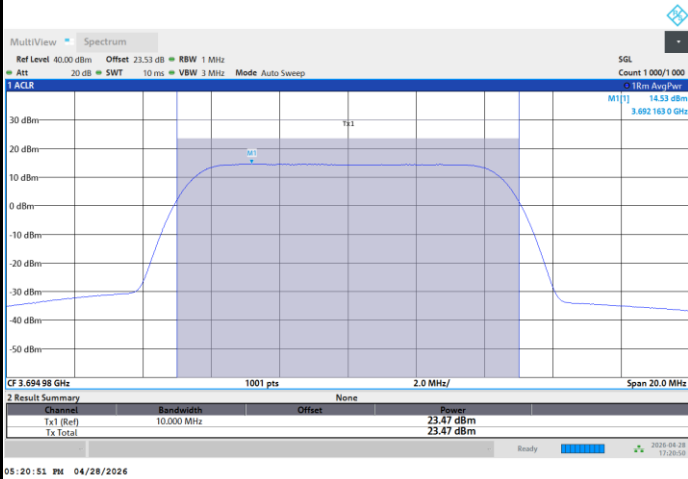


FR1 n48 / 10MHz / Middle Channel / Conducted (dBm/10MHz)														
QPSK														
MultiView Spectrum Ref Level 40.00 dBm Offset 23.53 dB RBW 1 MHz Att 20 dB SWT 10 ms VBW 3 MHz Mode Auto Sweep SGL Count 1 000/1 000 1 ACLR M1[1] 15.11 dBm 3.621 933 0 GHz 30 dBm 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm CF 3.624 99 GHz 1001 pts 2.0 MHz/ Span 20.0 MHz 2 Result Summary None <table><tr><th>Channel</th><th>Bandwidth</th><th>Offset</th><th>Power</th></tr><tr><td>Tx1 (Ref)</td><td>10.000 MHz</td><td></td><td>24.03 dBm</td></tr><tr><td>Tx Total</td><td></td><td></td><td>24.03 dBm</td></tr></table> Ready 16:45:10 2025-04-28 04:49:11 PM 04/28/2026		Channel	Bandwidth	Offset	Power	Tx1 (Ref)	10.000 MHz		24.03 dBm	Tx Total			24.03 dBm	
Channel	Bandwidth	Offset	Power											
Tx1 (Ref)	10.000 MHz		24.03 dBm											
Tx Total			24.03 dBm											
64QAM														
MultiView Spectrum Ref Level 40.00 dBm Offset 23.53 dB RBW 1 MHz Att 20 dB SWT 10 ms VBW 3 MHz Mode Auto Sweep SGL Count 1 000/1 000 1 ACLR M1[1] 15.31 dBm 3.622 033 0 GHz 30 dBm 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm CF 3.624 99 GHz 1001 pts 2.0 MHz/ Span 20.0 MHz 2 Result Summary None <table><tr><th>Channel</th><th>Bandwidth</th><th>Offset</th><th>Power</th></tr><tr><td>Tx1 (Ref)</td><td>10.000 MHz</td><td></td><td>24.22 dBm</td></tr><tr><td>Tx Total</td><td></td><td></td><td>24.22 dBm</td></tr></table> Ready 16:54:49 2025-04-28 04:54:49 PM 04/28/2026		Channel	Bandwidth	Offset	Power	Tx1 (Ref)	10.000 MHz		24.22 dBm	Tx Total			24.22 dBm	
Channel	Bandwidth	Offset	Power											
Tx1 (Ref)	10.000 MHz		24.22 dBm											
Tx Total			24.22 dBm											
256QAM														
MultiView Spectrum Ref Level 40.00 dBm Offset 23.53 dB RBW 1 MHz Att 20 dB SWT 10 ms VBW 3 MHz Mode Auto Sweep SGL Count 1 000/1 000 1 ACLR M1[1] 15.35 dBm 3.622 313 0 GHz 30 dBm 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm CF 3.624 99 GHz 1001 pts 2.0 MHz/ Span 20.0 MHz 2 Result Summary None <table><tr><th>Channel</th><th>Bandwidth</th><th>Offset</th><th>Power</th></tr><tr><td>Tx1 (Ref)</td><td>10.000 MHz</td><td></td><td>24.15 dBm</td></tr><tr><td>Tx Total</td><td></td><td></td><td>24.15 dBm</td></tr></table> Ready 17:00:55 2025-04-28 05:00:55 PM 04/28/2026		Channel	Bandwidth	Offset	Power	Tx1 (Ref)	10.000 MHz		24.15 dBm	Tx Total			24.15 dBm	
Channel	Bandwidth	Offset	Power											
Tx1 (Ref)	10.000 MHz		24.15 dBm											
Tx Total			24.15 dBm											

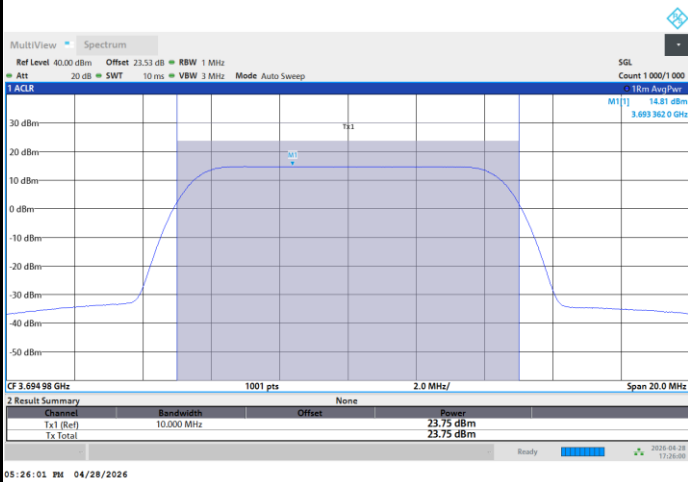


FR1 n48 / 10MHz / Highest Channel / Conducted (dBm/10MHz)

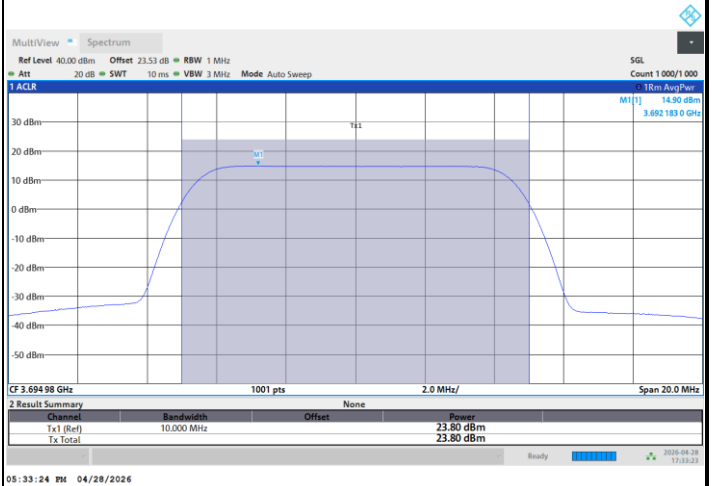
QPSK



64QAM



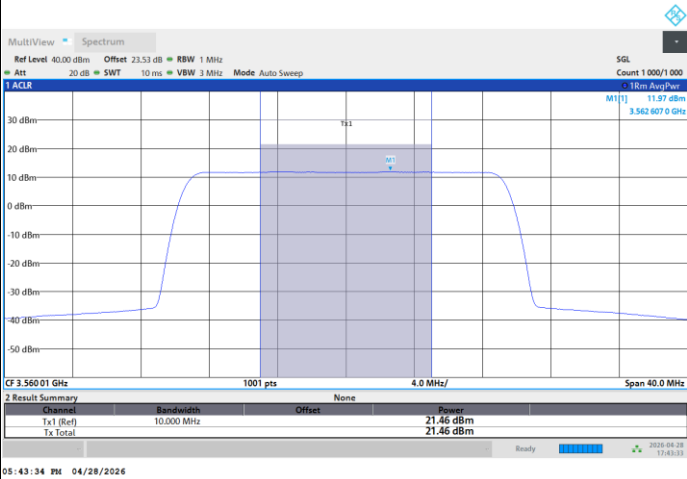
256QAM



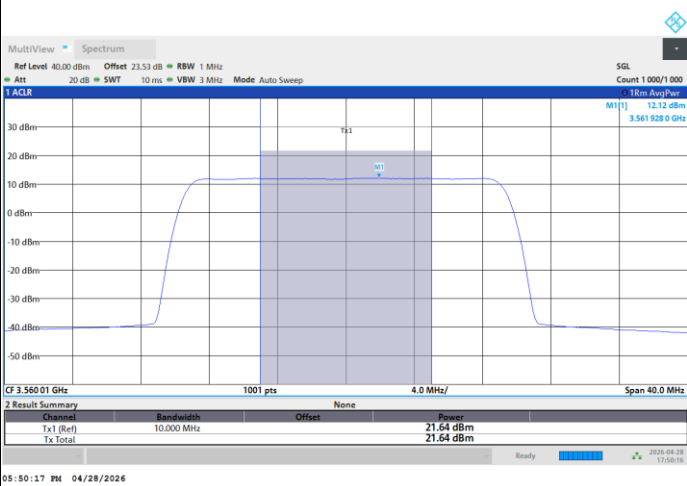


FR1 n48 / 20MHz / Lowest Channel / Conducted (dBm/10MHz)

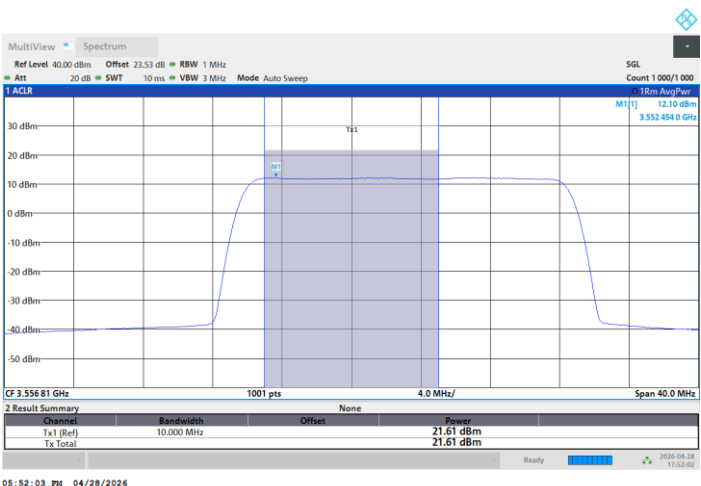
QPSK



64QAM



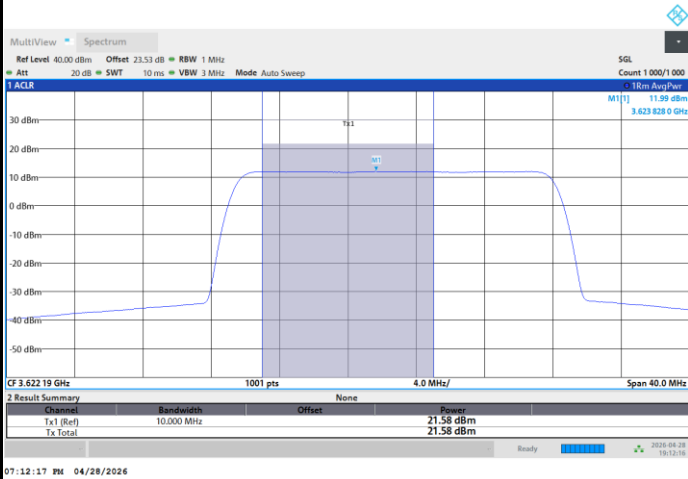
256QAM



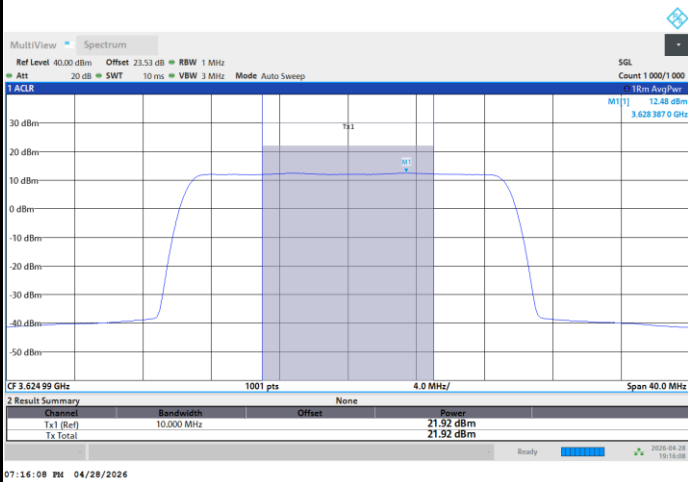


FR1 n48 / 20MHz / Middle Channel / Conducted (dBm/10MHz)

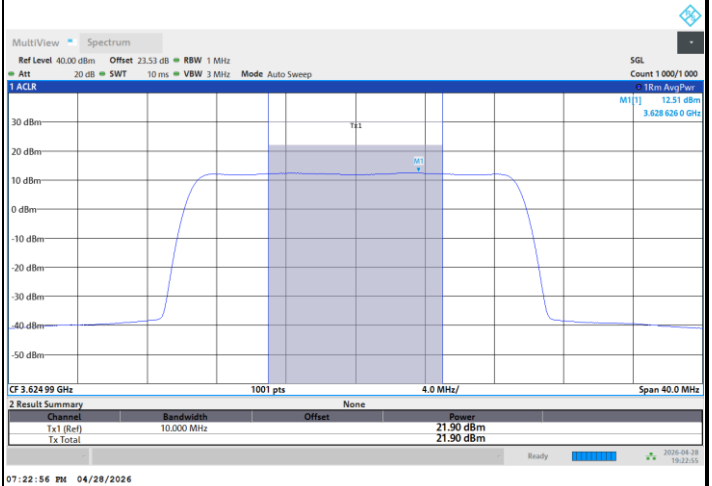
QPSK



64QAM



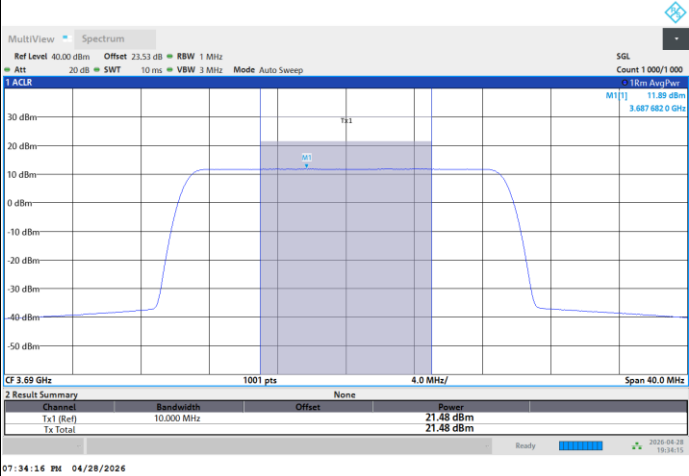
256QAM



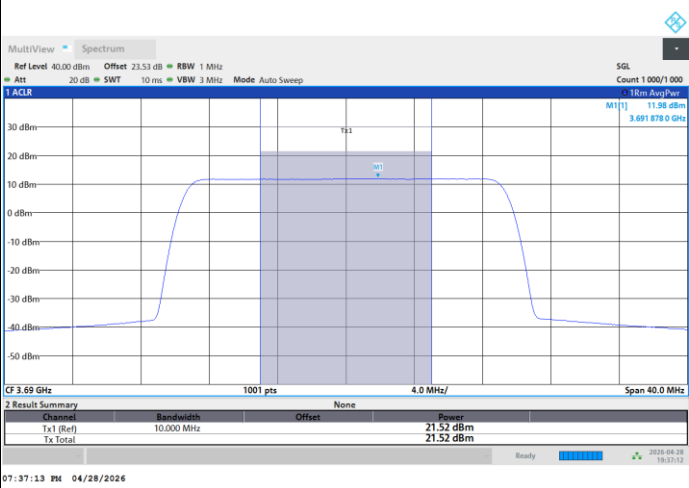


FR1 n48 / 20MHz / Highest Channel / Conducted (dBm/10MHz)

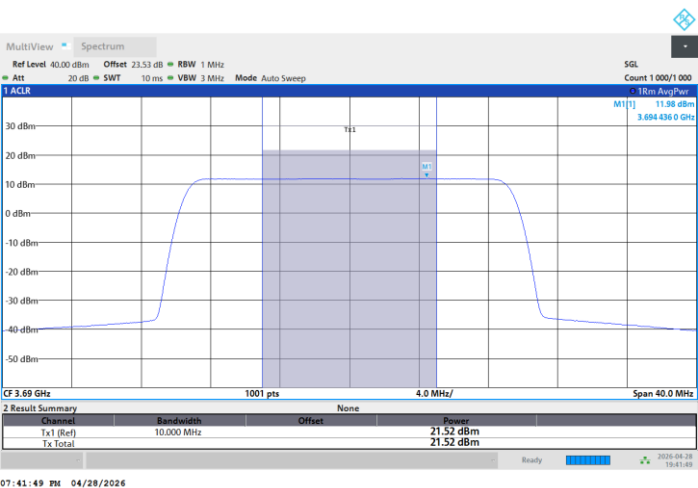
QPSK



64QAM



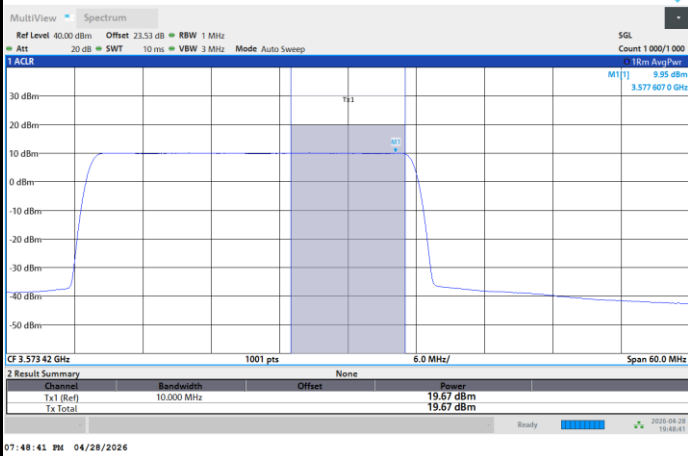
256QAM



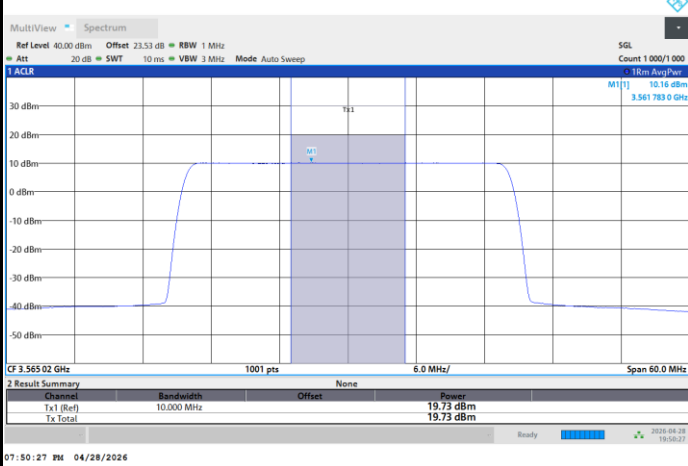


FR1 n48 / 30MHz / Lowest Channel / Conducted (dBm/10MHz)

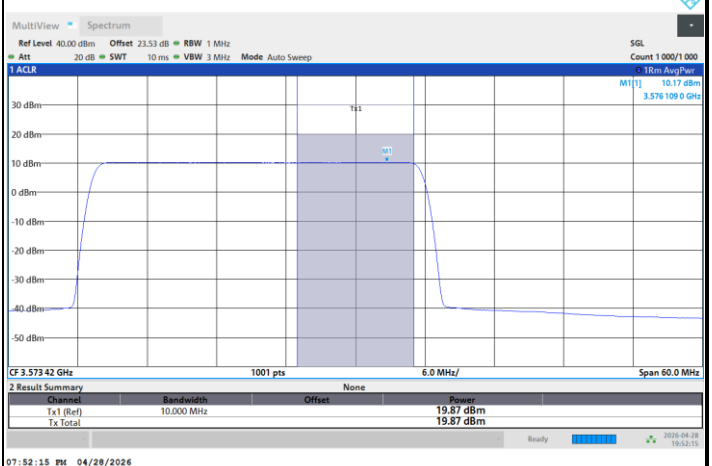
QPSK



64QAM



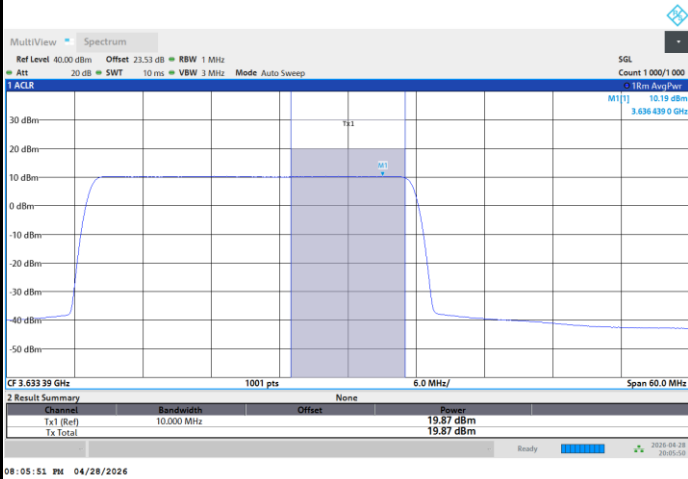
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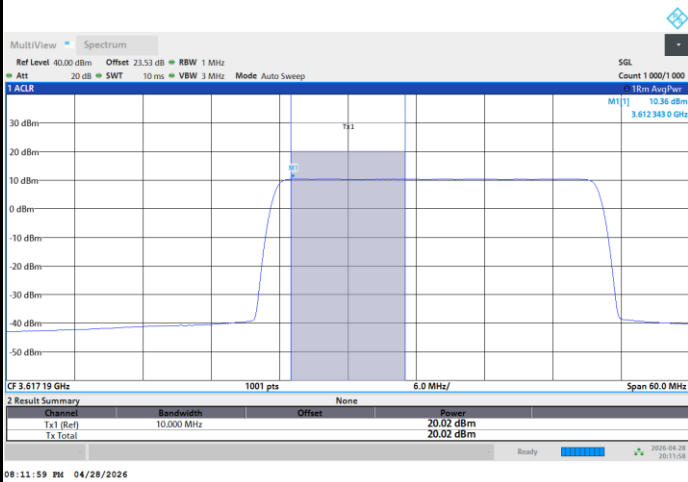


FR1 n48 / 30MHz / Middle Channel / Conducted (dBm/10MHz)

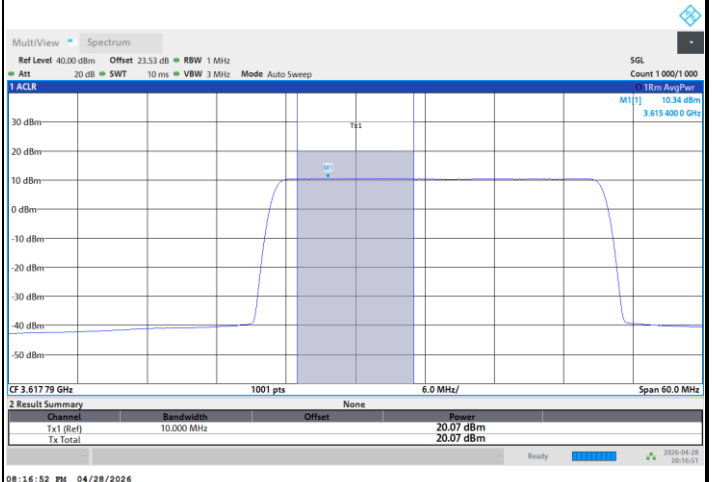
QPSK



64QAM



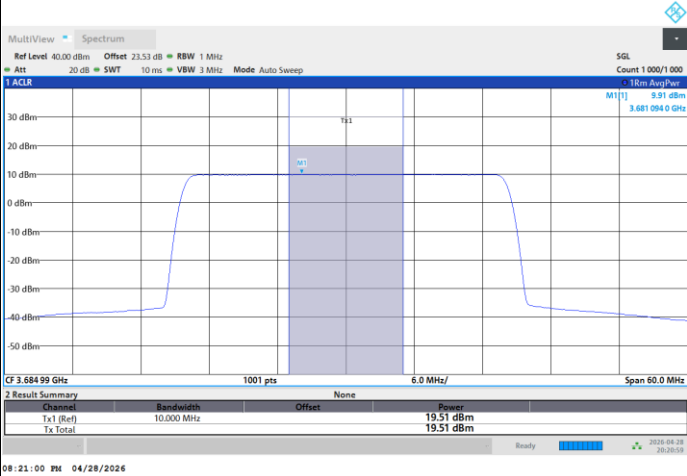
256QAM



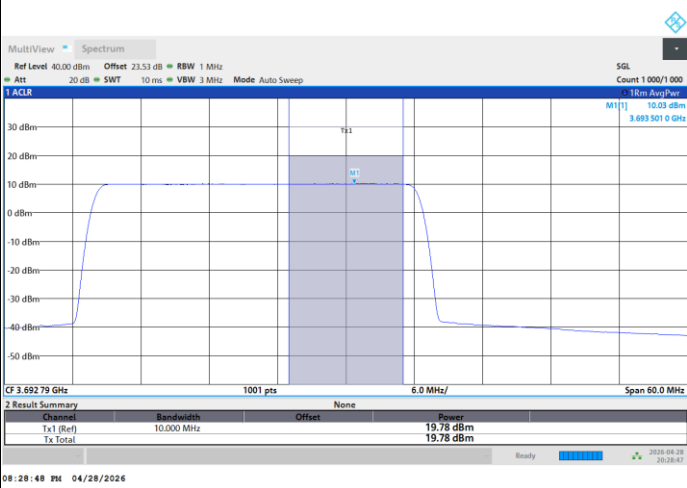


FR1 n48 / 30MHz / Highest Channel / Conducted (dBm/10MHz)

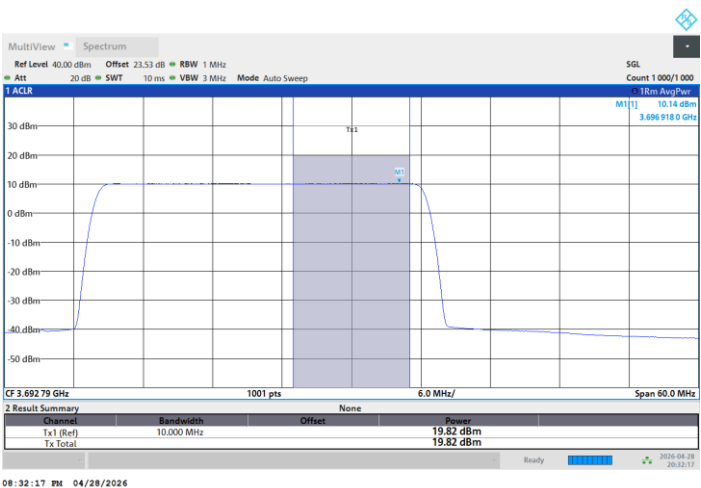
QPSK



64QAM



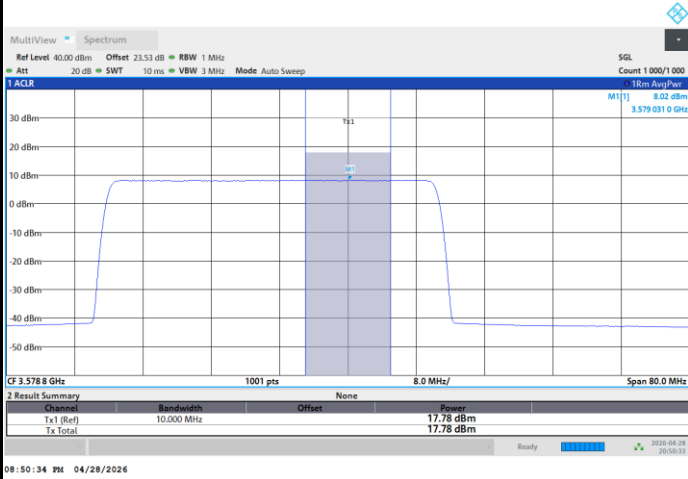
256QAM



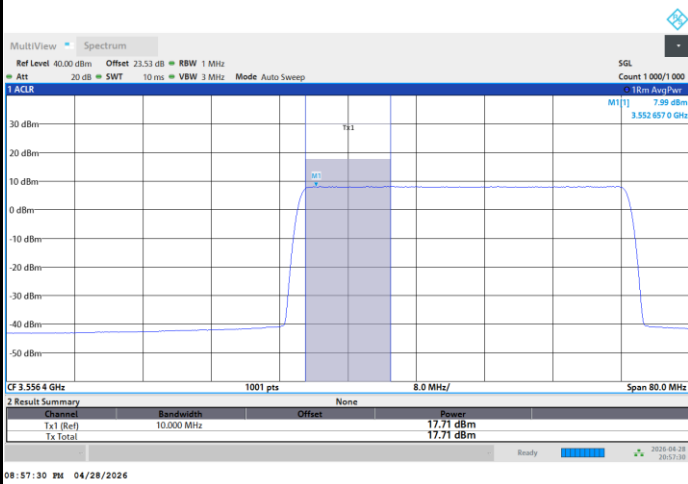


FR1 n48 / 40MHz / Lowest Channel / Conducted (dBm/10MHz)

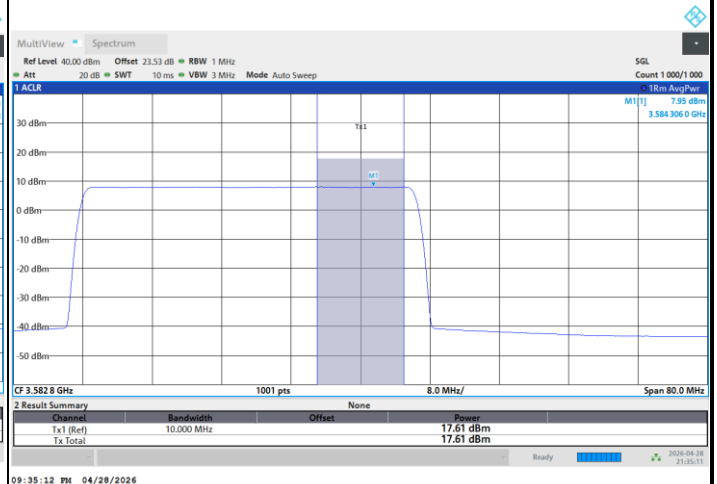
QPSK



64QAM



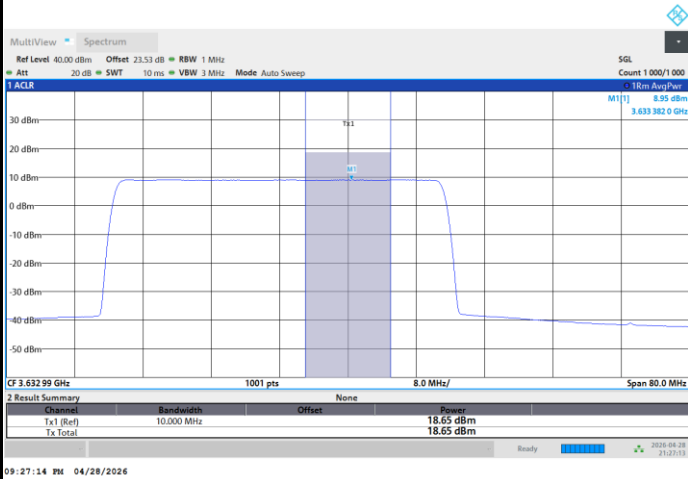
256QAM



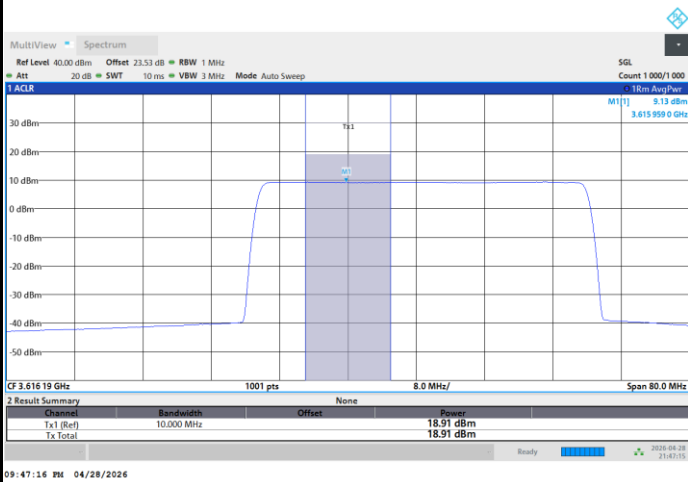


FR1 n48 / 40MHz / Middle Channel / Conducted (dBm/10MHz)

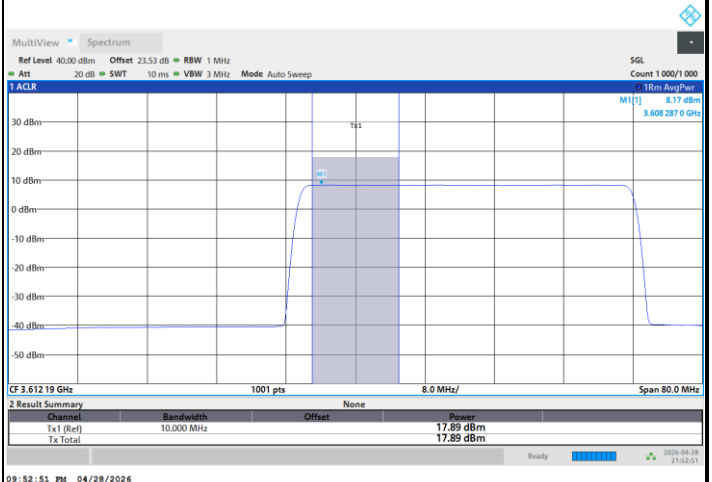
QPSK



64QAM



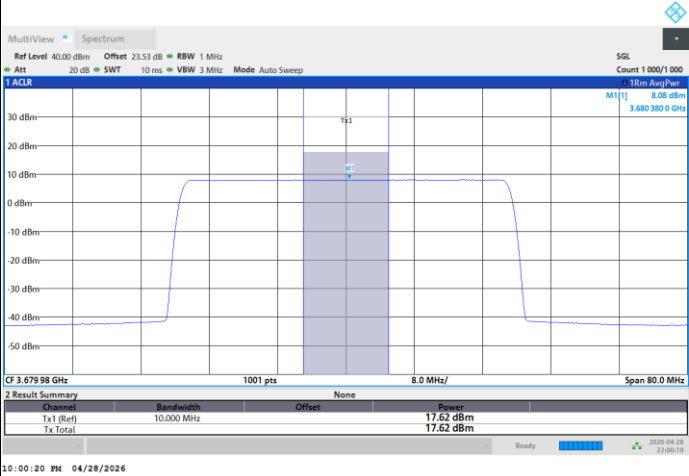
256QAM



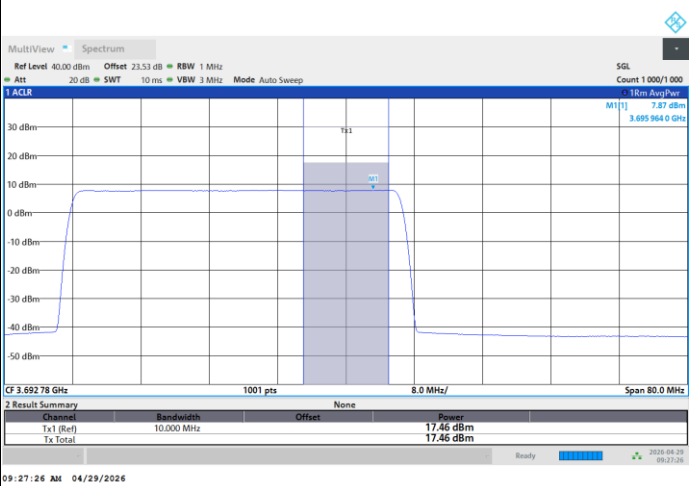


FR1 n48 / 40MHz / Highest Channel / Conducted (dBm/10MHz)

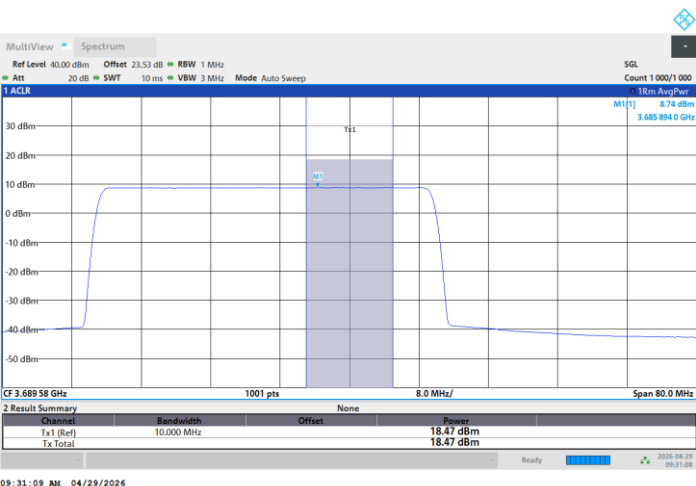
QPSK



64QAM



256QAM



**Power Spectral Density**

Mode	FR1 n48 : Conducted PSD (dBm/MHz) <SISO> Lowest Channel							
BW	10MHz		20MHz		30MHz		40MHz	
Mod.	QPSK	-	QPSK	-	QPSK	-	QPSK	-
Lowest CH	15.16	-	11.90	-	10.11	-	8.13	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Lowest CH	15.21	15.13	12.09	12.04	10.16	10.32	8.18	8.07

Mode	FR1 n48 : EIRP PSD (dBm/MHz) <MIMO 4TX> Lowest Channel							
BW	10MHz		20MHz		30MHz		40MHz	
Mod.	QPSK	-	QPSK	-	QPSK	-	QPSK	-
Lowest CH	33.65	-	30.39	-	28.60	-	26.62	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Lowest CH	33.70	33.62	30.58	30.53	28.65	28.81	26.67	26.56
Limit	37dBm/MHz							
Result	PASS							

Note

1. The measured conducted PSD result has included duty cycle offset factor.
2. The EIRP PSD = conducted PSD result + 6.02dB (4TX) + 12.47 dBi MIMO antenna gain.



Mode	FR1 n48 : Conducted PSD (dBm/MHz) <SISO> Middle Channel							
BW	10MHz		20MHz		30MHz		40MHz	
Mod.	QPSK	-	QPSK	-	QPSK	-	QPSK	-
Middle CH	15.12	-	12.09	-	10.27	-	9.13	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	15.33	15.33	12.34	12.27	10.47	10.48	9.36	8.32

Mode	FR1 n48 : EIRP PSD (dBm/MHz) <MIMO 4TX> Middle Channel							
BW	10MHz		20MHz		30MHz		40MHz	
Mod.	QPSK	-	QPSK	-	QPSK	-	QPSK	-
Middle CH	33.61	-	30.58	-	28.76	-	27.62	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	33.82	33.82	30.83	30.76	28.96	28.97	27.85	26.81
Limit	37dBm/MHz							
Result	PASS							

Note

1. The measured conducted PSD result has included duty cycle offset factor.
2. The EIRP PSD = conducted PSD result + 6.02dB (4TX) + 12.47 dBi MIMO antenna gain.



Mode	FR1 n48 : Conducted PSD (dBm/MHz) <SISO> Highest Channel							
BW	10MHz		20MHz		30MHz		40MHz	
Mod.	QPSK	-	QPSK	-	QPSK	-	QPSK	-
Highest CH	14.73	-	11.88	-	9.93	-	8.08	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Highest CH	14.88	14.97	11.99	11.97	10.18	10.23	7.93	8.91

Mode	FR1 n48 : EIRP PSD (dBm/MHz) <MIMO 4TX> Highest Channel							
BW	10MHz		20MHz		30MHz		40MHz	
Mod.	QPSK	-	QPSK	-	QPSK	-	QPSK	-
Highest CH	33.22	-	30.37	-	28.42	-	26.57	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Highest CH	33.37	33.46	30.48	30.46	28.67	28.72	26.42	27.40
Limit	37dBm/MHz							
Result	PASS							

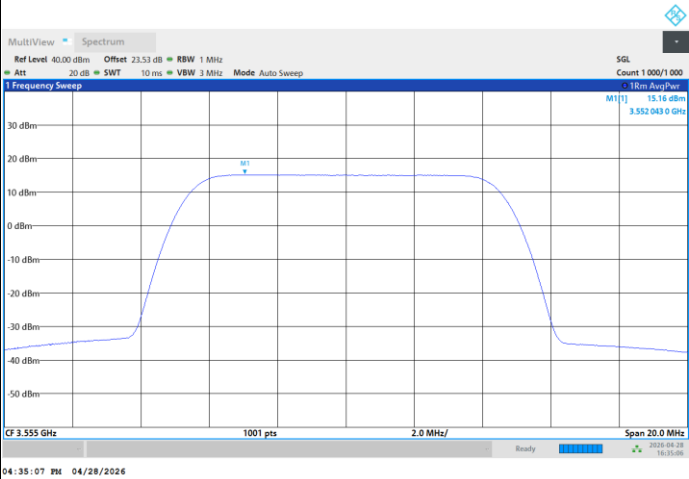
Note

1. The measured conducted PSD result has included duty cycle offset factor.
2. The EIRP PSD = conducted PSD result + 6.02dB (4TX) + 12.47 dBi MIMO antenna gain.

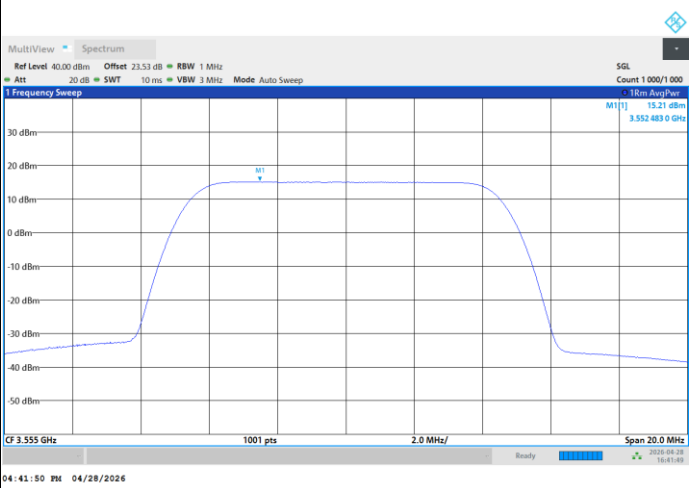


FR1 n48 / 10MHz / Lowest Channel / PSD

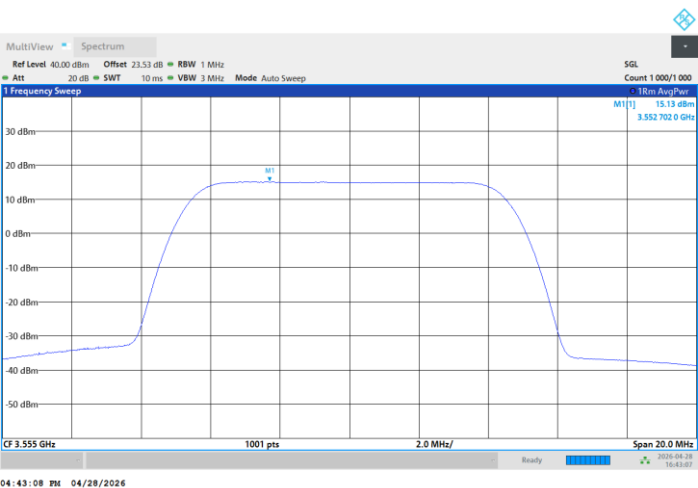
QPSK



64QAM



256QAM



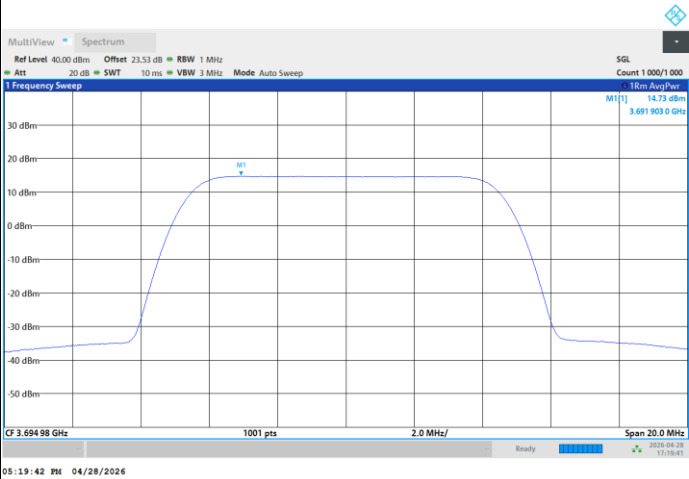


FR1 n48 / 10MHz / Middle Channel / PSD	
QPSK	
The plot shows a frequency sweep from 3.62499 GHz to 3.62701 GHz. The y-axis represents power in dBm, ranging from -50 to 30. The signal is centered at 3.626 GHz with a bandwidth of 2.0 MHz. The plot shows a flat top at approximately 15 dBm and steep roll-offs on either side. The interface includes settings for Ref Level (40.00 dBm), Offset (23.53 dB), RBW (1 MHz), and various other parameters. The status bar indicates 'Ready' and the date '04/28/2026'.	
64QAM	256QAM
The plot shows a frequency sweep from 3.62499 GHz to 3.62701 GHz. The y-axis represents power in dBm, ranging from -50 to 30. The signal is centered at 3.626 GHz with a bandwidth of 2.0 MHz. The plot shows a flat top at approximately 15 dBm and steep roll-offs on either side. The interface includes settings for Ref Level (40.00 dBm), Offset (23.53 dB), RBW (1 MHz), and various other parameters. The status bar indicates 'Ready' and the date '04/28/2026'.	The plot shows a frequency sweep from 3.62499 GHz to 3.62701 GHz. The y-axis represents power in dBm, ranging from -50 to 30. The signal is centered at 3.626 GHz with a bandwidth of 2.0 MHz. The plot shows a flat top at approximately 15 dBm and steep roll-offs on either side. The interface includes settings for Ref Level (40.00 dBm), Offset (23.53 dB), RBW (1 MHz), and various other parameters. The status bar indicates 'Ready' and the date '04/28/2026'.

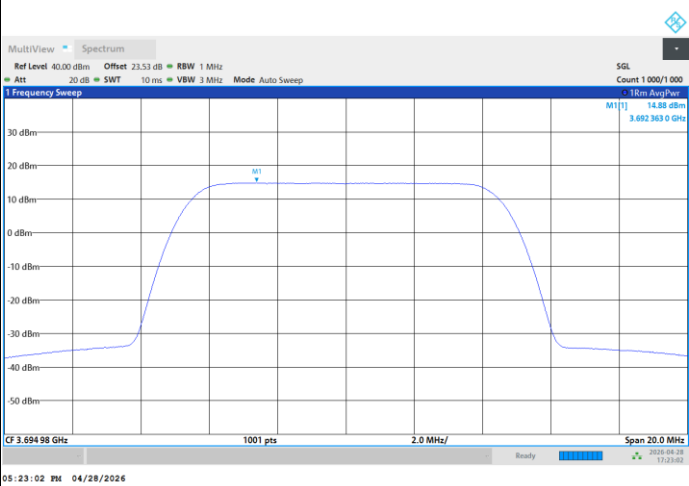


FR1 n48 / 10MHz / Highest Channel / PSD

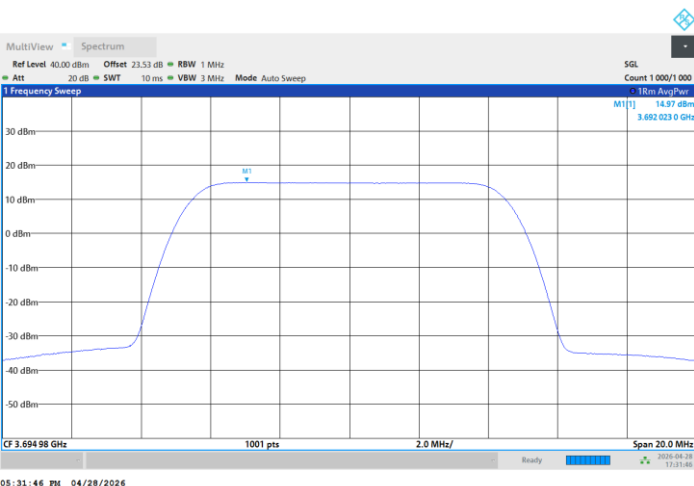
QPSK



64QAM



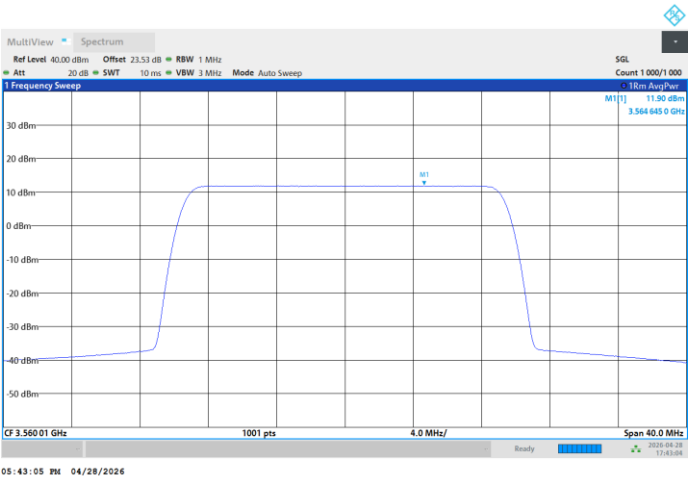
256QAM



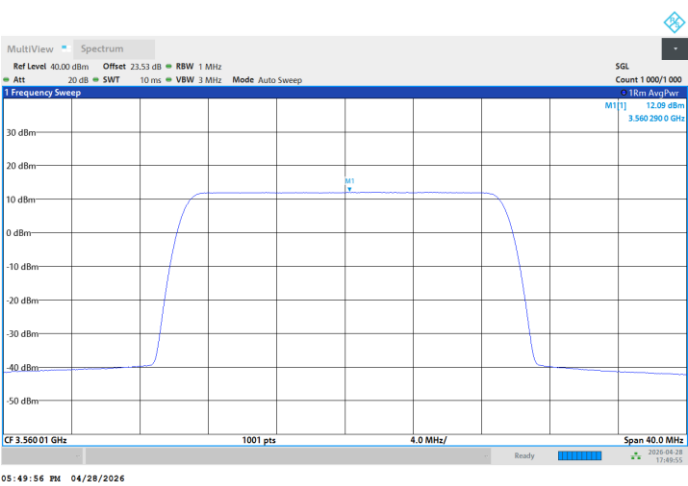


FR1 n48 / 20MHz / Lowest Channel / PSD

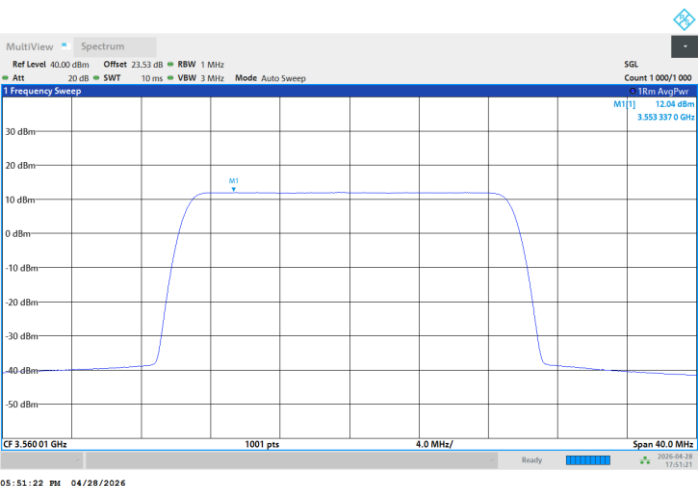
QPSK



64QAM



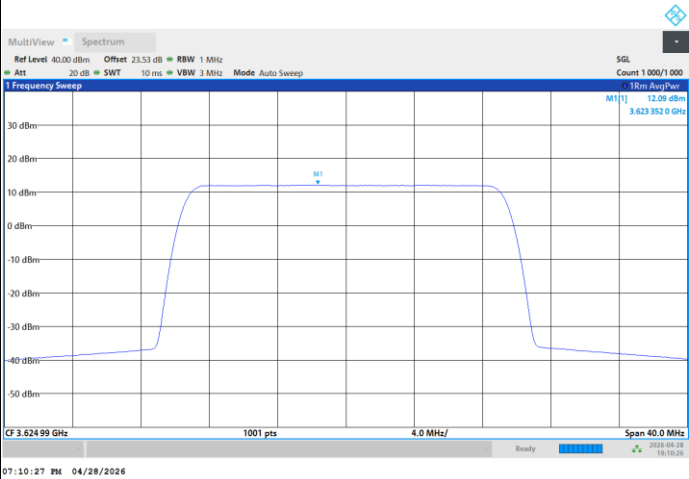
256QAM



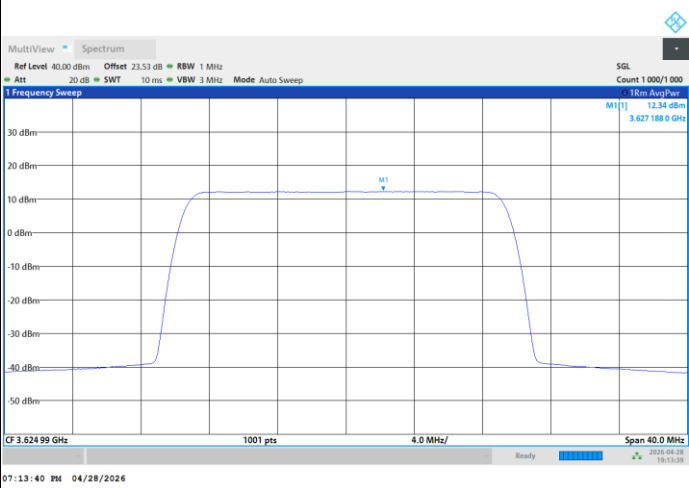


FR1 n48 / 20MHz / Middle Channel / PSD

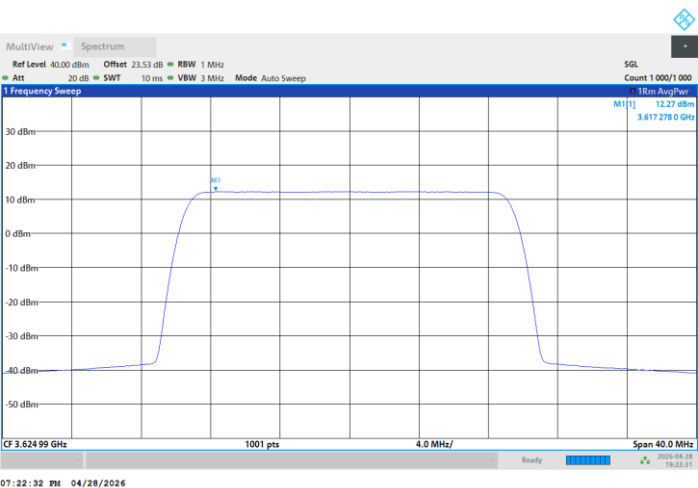
QPSK



64QAM



256QAM





FR1 n48 / 20MHz / Highest Channel / PSD	
QPSK	
The plot shows a frequency sweep from 3.69 GHz to 3.6917180 GHz. The y-axis represents power in dBm, ranging from -50 to 30. The signal is centered at approximately 3.691 GHz with a bandwidth of 4.0 MHz. The plot includes a multi-view interface with tabs for Spectrum and SGL. The spectrum shows a flat top at approximately 10 dBm and sharp roll-offs on either side. The SGL tab shows a count of 1000/1000.	
64QAM	256QAM
The plot shows a frequency sweep from 3.69 GHz to 3.6919180 GHz. The y-axis represents power in dBm, ranging from -50 to 30. The signal is centered at approximately 3.691 GHz with a bandwidth of 4.0 MHz. The plot includes a multi-view interface with tabs for Spectrum and SGL. The spectrum shows a flat top at approximately 10 dBm and sharp roll-offs on either side. The SGL tab shows a count of 1000/1000.	The plot shows a frequency sweep from 3.69 GHz to 3.6933570 GHz. The y-axis represents power in dBm, ranging from -50 to 30. The signal is centered at approximately 3.693 GHz with a bandwidth of 4.0 MHz. The plot includes a multi-view interface with tabs for Spectrum and SGL. The spectrum shows a flat top at approximately 10 dBm and sharp roll-offs on either side. The SGL tab shows a count of 1000/1000.



MultiView Spectrum

Ref Level 40.00 dBm Offset 23.53 dB RBW 1 MHz

Att 20 dB SWT 10 ms VBW 3 MHz Mode Auto Sweep

Frequency Sweep

30 dBm

20 dBm

10 dBm

0 dBm

-10 dBm

-20 dBm

-30 dBm

-40 dBm

-50 dBm

M1

SQL

Count 1 000/1 000

15m Avg/Per

M1[1] 10.11 dBm

3.562 020 GHz

CF 3.565 02 GHz

1001 pts

6.0 MHz/

Span 60.0 MHz

Ready

07:46:34 PM 04/28/2026

MultiView Spectrum

Ref Level 40.00 dBm Offset 23.53 dB RBW 1 MHz
 Att 20 dB SWT 10 ms VBW 3 MHz Mode Auto Sweep

Frequency Sweep

30 dBm
 20 dBm
 10 dBm
 0 dBm
 -10 dBm
 -20 dBm
 -30 dBm
 -40 dBm
 -50 dBm

M1

CF 3.565 02 GHz 1001 pts 6.0 MHz/ Span 60.0 MHz

SGL
 Count 1 000/1 000
 15m AvgPwr
 M1[1] 10.16 dBm
 3.577 368 0 GHz

Ready

07:49:59 PM 04/28/2026

MultiView Spectrum

Ref Level 40.00 dBm Offset 23.53 dB BW 1 MHz
Att 20 dB SWT 10 ms VBW 3 MHz Mode Auto Sweep

SGL Count 1000/1000

1 Frequency Sweep

M1[1] 10.32 dBm
3.577 488 0 GHz

30 dBm
20 dBm
10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm

CF 3.565 02 GHz 1001 pts 6.0 MHz/ Span 60.0 MHz

Ready 2026-04-28 19:51:30

07:51:31 PM 04/28/2026

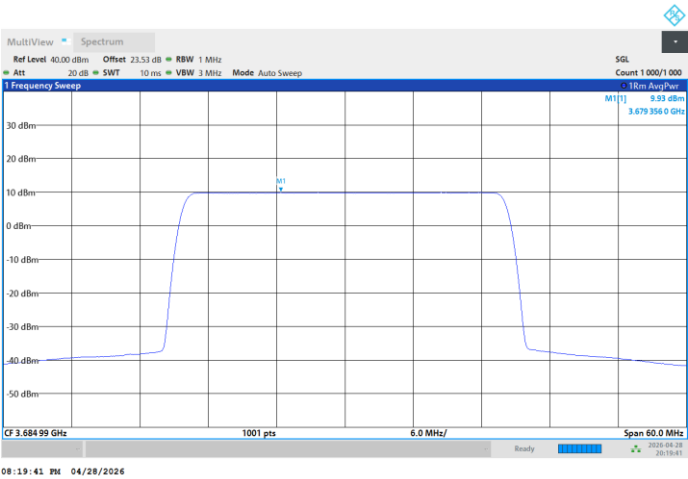


FR1 n48 / 30MHz / Middle Channel / PSD	
QPSK	
MultiView Spectrum Ref Level 40.00 dBm Offset 23.53 dB RBW 1 MHz Att 20 dB SWT 10 ms VBW 3 MHz Mode Auto Sweep SGL Count 1 000/1 000 Frequency Sweep M1[1] 10.27 dBm 3.631 803 0 GHz 30 dBm 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm CF 3.624 99 GHz 1001 pts 6.0 MHz/ Span 60.0 MHz 08:03:05 PM 04/28/2026	
64QAM	256QAM
MultiView Spectrum Ref Level 40.00 dBm Offset 23.53 dB RBW 1 MHz Att 20 dB SWT 10 ms VBW 3 MHz Mode Auto Sweep SGL Count 1 000/1 000 Frequency Sweep M1[1] 10.47 dBm 3.634 221 0 GHz 30 dBm 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm CF 3.624 99 GHz 1001 pts 6.0 MHz/ Span 60.0 MHz 08:10:24 PM 04/28/2026	MultiView Spectrum Ref Level 40.00 dBm Offset 23.53 dB RBW 1 MHz Att 20 dB SWT 10 ms VBW 3 MHz Mode Auto Sweep SGL Count 1 000/1 000 Frequency Sweep M1[1] 10.48 dBm 3.636 918 0 GHz 30 dBm 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm CF 3.624 99 GHz 1001 pts 6.0 MHz/ Span 60.0 MHz 08:15:04 PM 04/28/2026

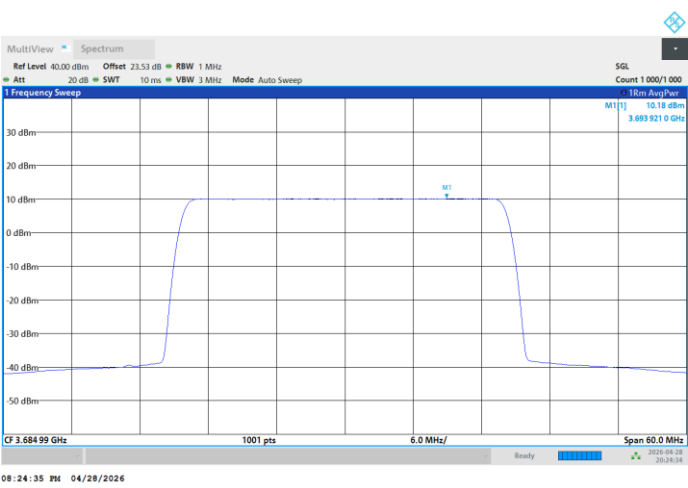


FR1 n48 / 30MHz / Highest Channel / PSD

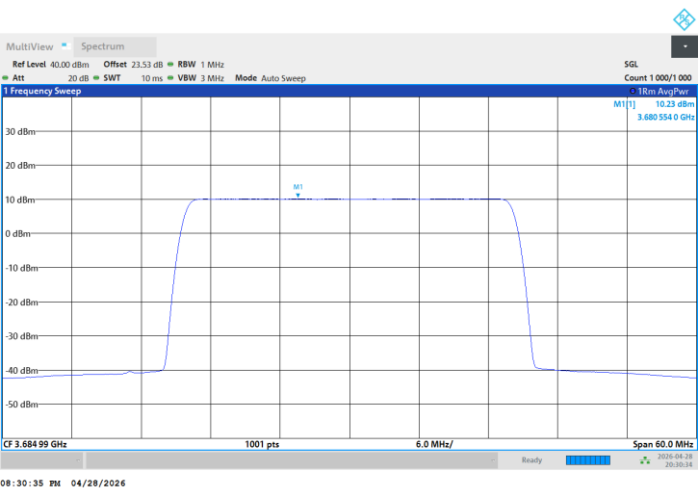
QPSK



64QAM



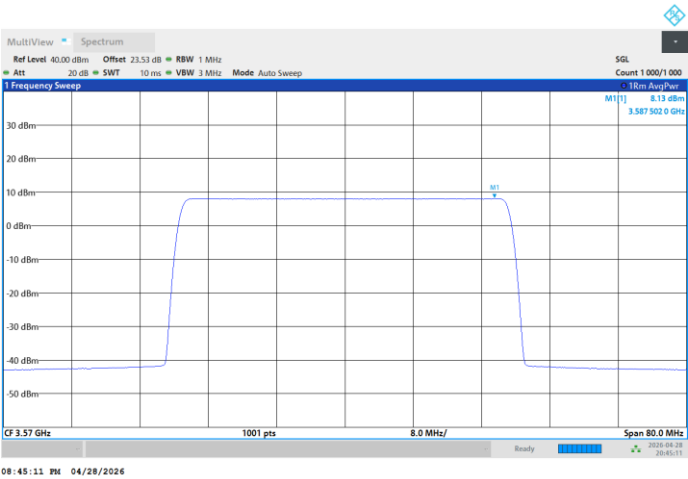
256QAM



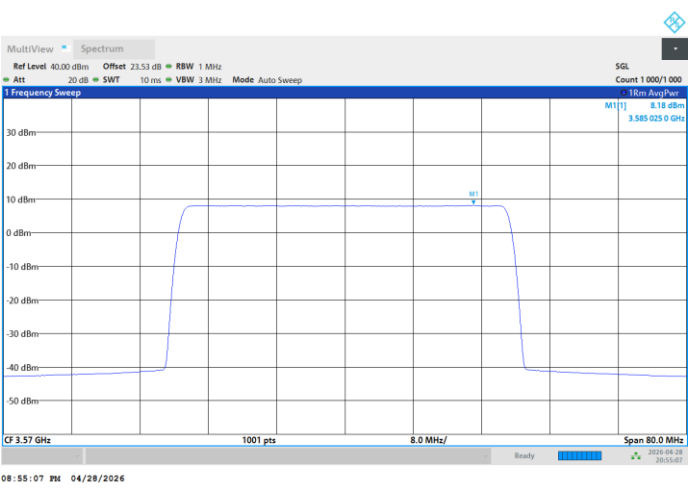


FR1 n48 / 40MHz / Lowest Channel / PSD

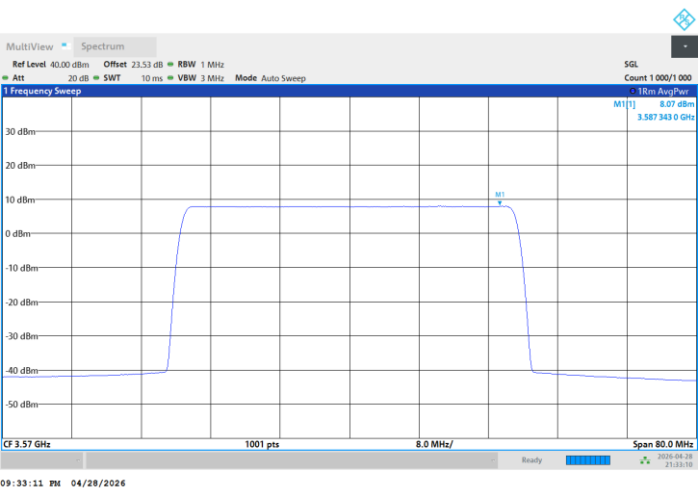
QPSK



64QAM



256QAM





FR1 n48 / 40MHz / Middle Channel / PSD	
QPSK	
The plot shows a rectangular signal spectrum centered at 3.6131620 GHz. The y-axis represents power density in dBm, ranging from -50 to 30. The x-axis represents frequency in MHz, with a span of 80.0 MHz. The signal is approximately 10 dBm wide. The plot includes a frequency sweep curve and a multi-view spectrum view. The status bar shows 'Ready' and 'Count 1 000/1 000'.	
64QAM	256QAM
The plot shows a rectangular signal spectrum centered at 3.6185160 GHz. The y-axis represents power density in dBm, ranging from -50 to 30. The x-axis represents frequency in MHz, with a span of 80.0 MHz. The signal is approximately 10 dBm wide. The plot includes a frequency sweep curve and a multi-view spectrum view. The status bar shows 'Ready' and 'Count 1 000/1 000'.	The plot shows a rectangular signal spectrum centered at 3.6373780 GHz. The y-axis represents power density in dBm, ranging from -50 to 30. The x-axis represents frequency in MHz, with a span of 80.0 MHz. The signal is approximately 10 dBm wide. The plot includes a frequency sweep curve and a multi-view spectrum view. The status bar shows 'Ready' and 'Count 1 000/1 000'.

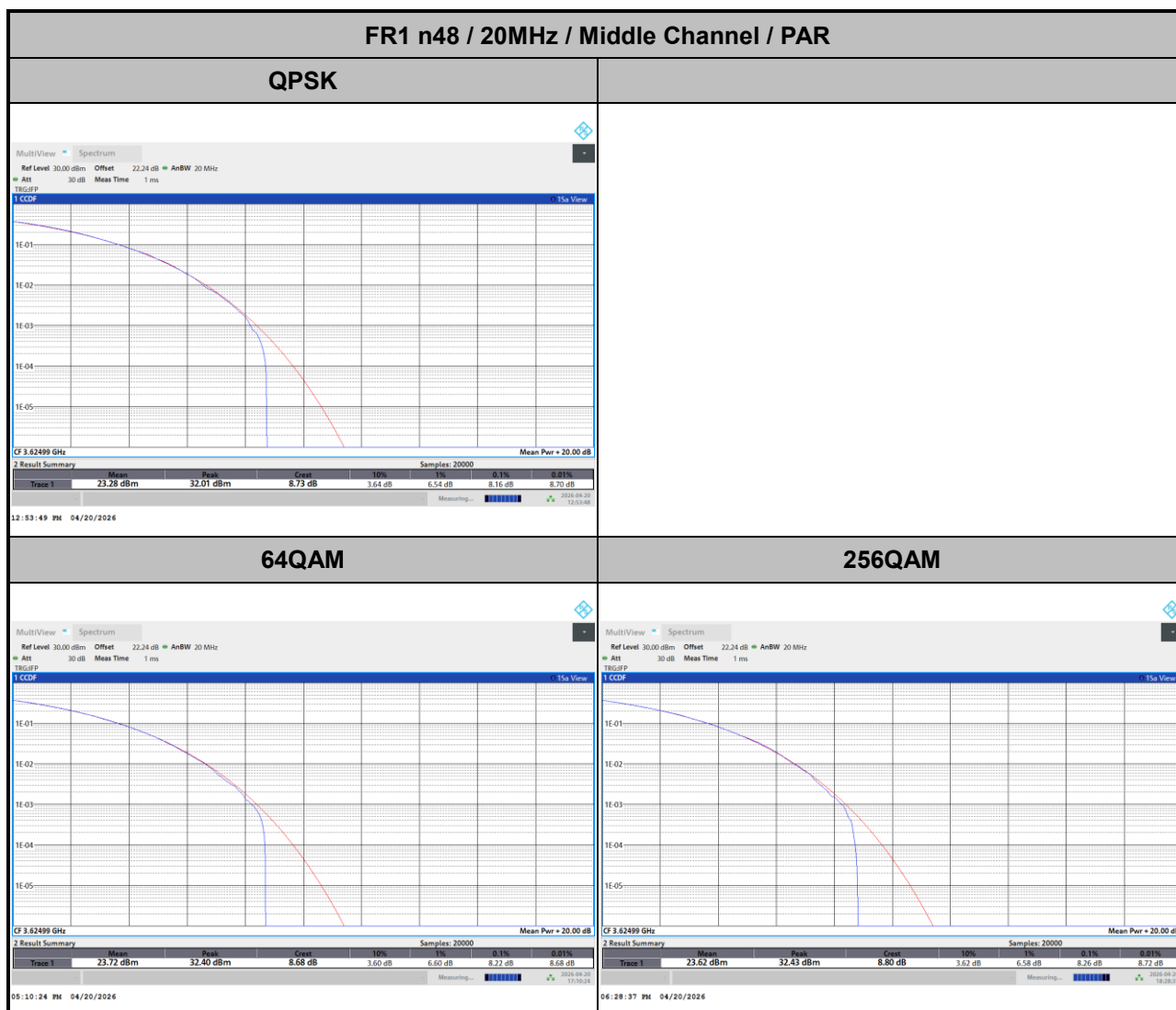


FR1 n48 / 40MHz / Highest Channel / PSD	
QPSK	
MultiView Spectrum Ref Level 40.00 dBm Offset 23.53 dB RBW 1 MHz Att 20 dB SWT 10 ms VBW 3 MHz Mode Auto Sweep SGL Count 1 000/1 000 Frequency Sweep M1[1] 8.00 dBm 3.696 583 0 GHz 30 dBm 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm CF 3.679 98 GHz 1001 pts 8.0 MHz/ Span 80.0 MHz 09:58:34 PM 04/28/2026	
64QAM	256QAM
MultiView Spectrum Ref Level 40.00 dBm Offset 23.53 dB RBW 1 MHz Att 20 dB SWT 10 ms VBW 3 MHz Mode Auto Sweep SGL Count 1 000/1 000 Frequency Sweep M1[1] 7.93 dBm 3.694 605 0 GHz 30 dBm 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm CF 3.679 98 GHz 1001 pts 8.0 MHz/ Span 80.0 MHz 09:25:45 AM 04/29/2026	MultiView Spectrum Ref Level 40.00 dBm Offset 23.53 dB RBW 1 MHz Att 20 dB SWT 10 ms VBW 3 MHz Mode Auto Sweep SGL Count 1 000/1 000 Frequency Sweep M1[1] 8.91 dBm 3.697 962 0 GHz 30 dBm 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm CF 3.679 98 GHz 1001 pts 8.0 MHz/ Span 80.0 MHz 09:29:51 AM 04/29/2026



Peak-to-Average Ratio

Mode	FR1 n48 / 20MHz / PAR (dB)				Limit: 13dB
Mod.	QPSK	-	64QAM	256QAM	Result
Middle CH	8.16	-	8.22	8.26	PASS



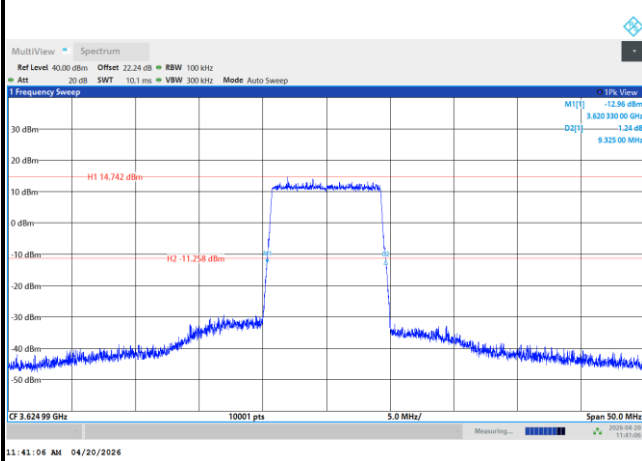
**26dB Bandwidth**

Mode	FR1 n48 : 26dB BW(MHz)							
BW	10MHz		20MHz		30MHz		40MHz	
Mod.	QPSK	-	QPSK	-	QPSK	-	QPSK	-
Middle CH	9.32	-	19.01	-	28.83	-	38.88	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	9.31	9.36	19.07	19.06	28.73	28.80	38.87	38.89

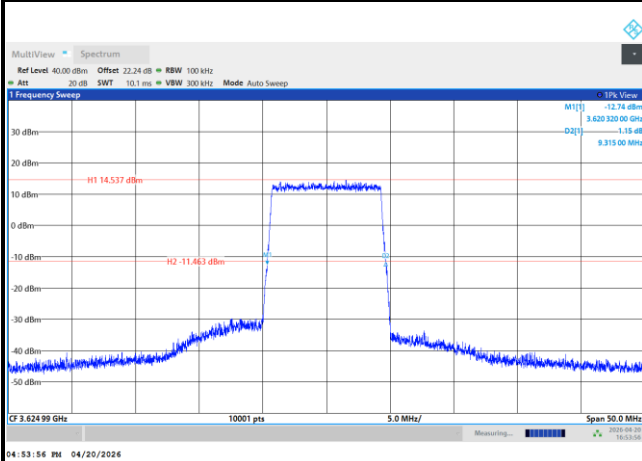


FR1 n48 / 10MHz / Middle Channel / 26dB BW

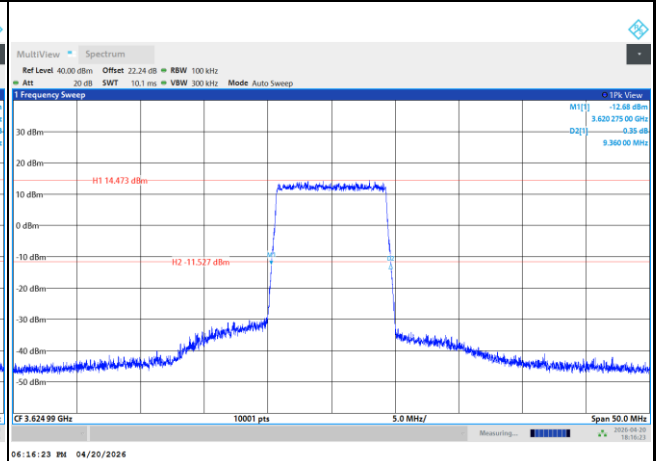
QPSK



64QAM

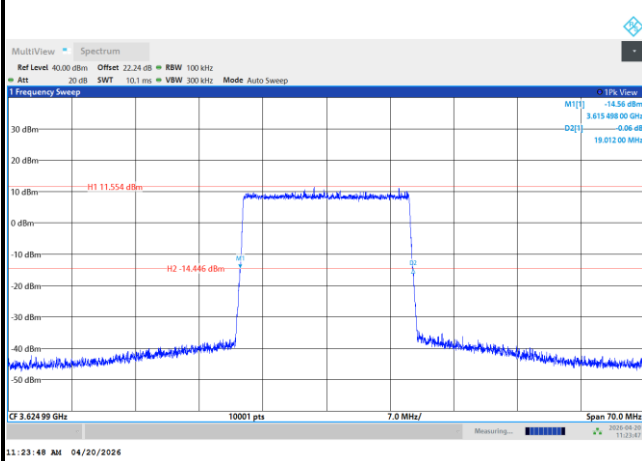


256QAM

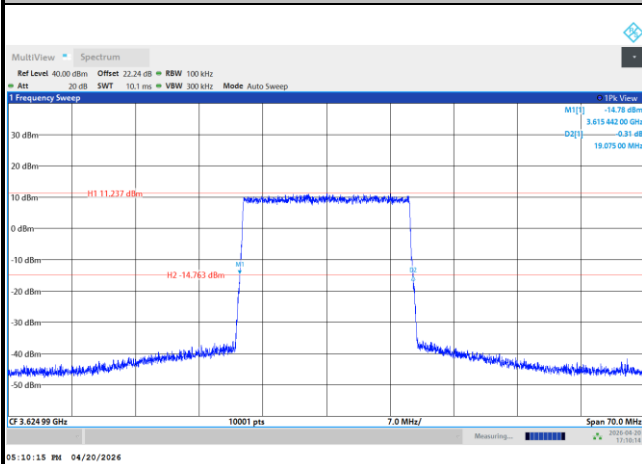


FR1 n48 / 20MHz / Middle Channel / 26dB BW

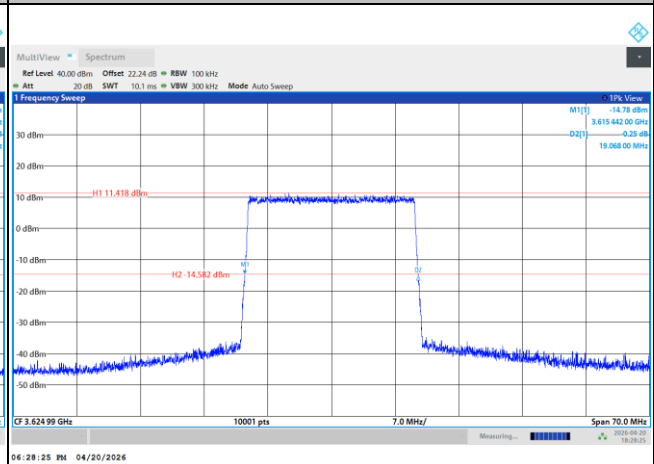
QPSK



64QAM



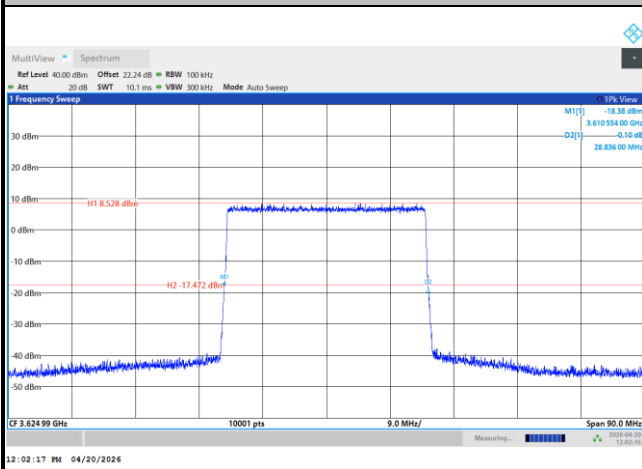
256QAM



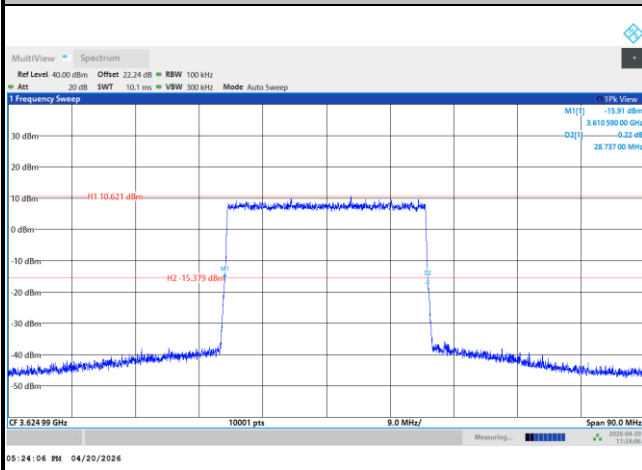


FR1 n48 / 30MHz / Middle Channel / 26dB BW

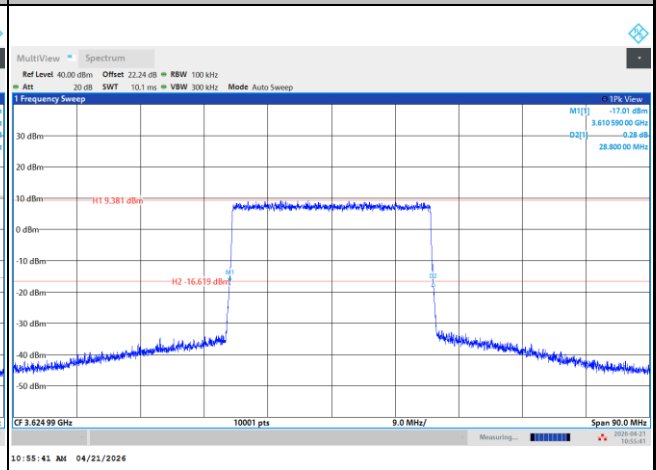
QPSK



64QAM



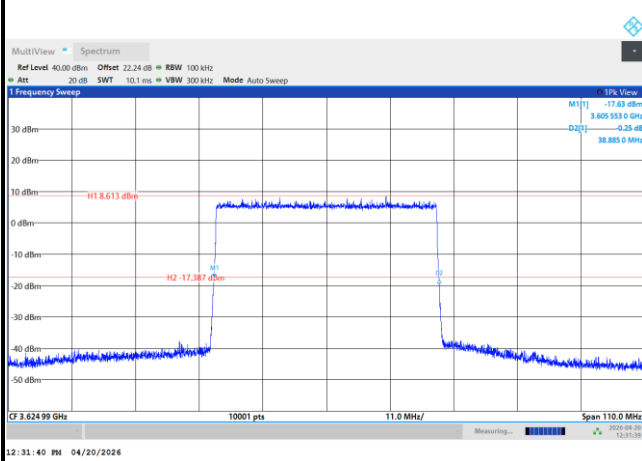
256QAM



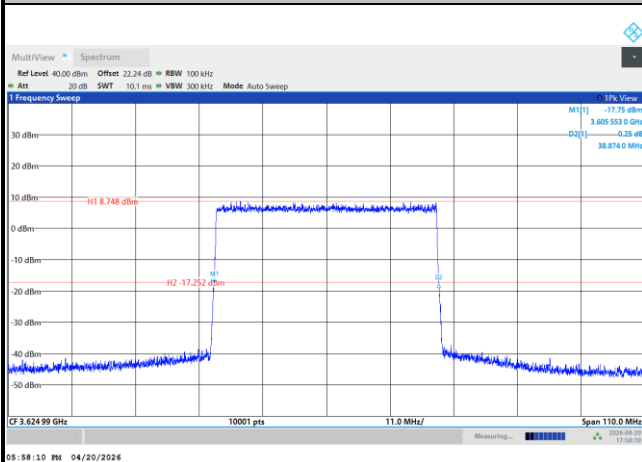


FR1 n48 / 40MHz / Middle Channel / 26dB BW

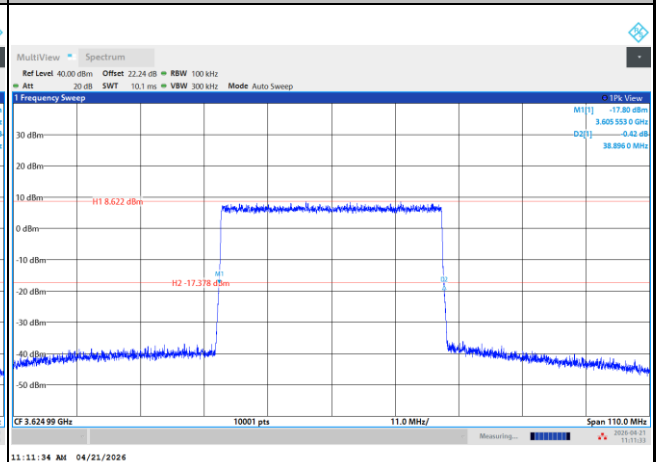
QPSK



64QAM



256QAM



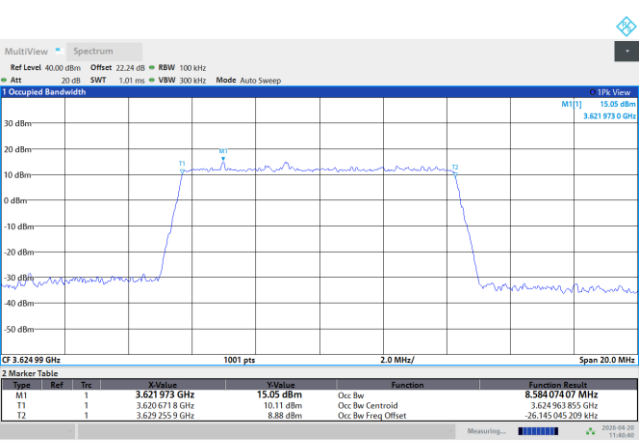
**Occupied Bandwidth**

Mode	FR1 n48 : 99%OBW (MHz)							
BW	10MHz		20MHz		30MHz		40MHz	
Mod.	QPSK	-	QPSK	-	QPSK	-	QPSK	-
Middle CH	8.58	-	18.18	-	27.81	-	37.79	-
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	8.60	8.58	18.20	18.22	27.82	27.81	37.81	37.83



FR1 n48 / 10MHz / Middle Channel / 99%OBW

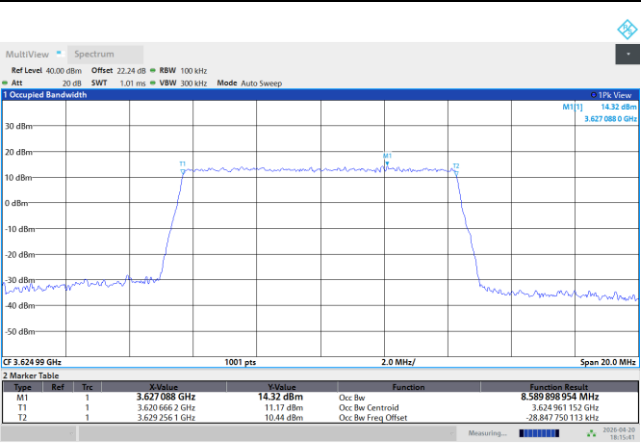
QPSK



64QAM



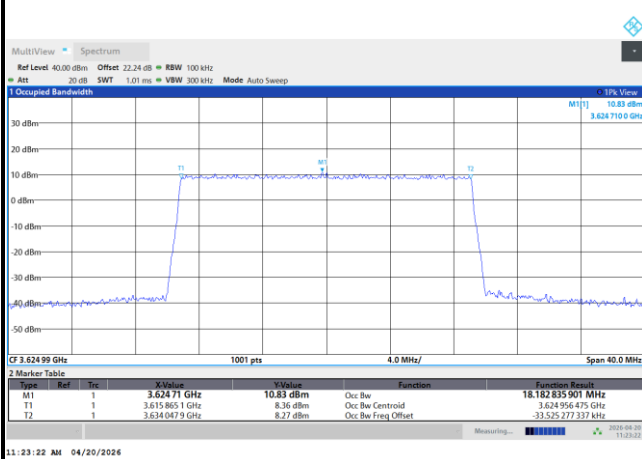
256QAM



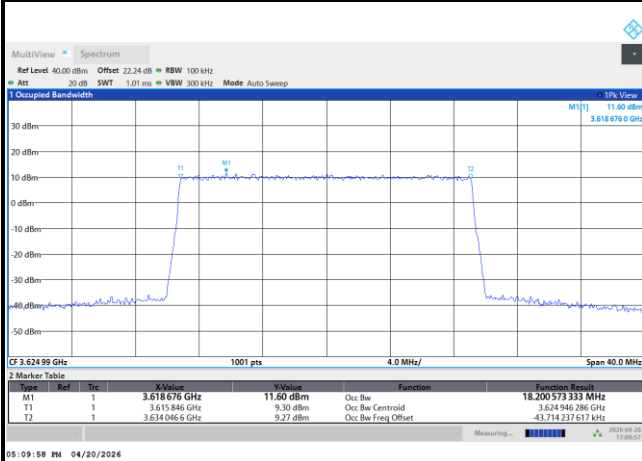


FR1 n48 / 20MHz / Middle Channel / 99%OBW

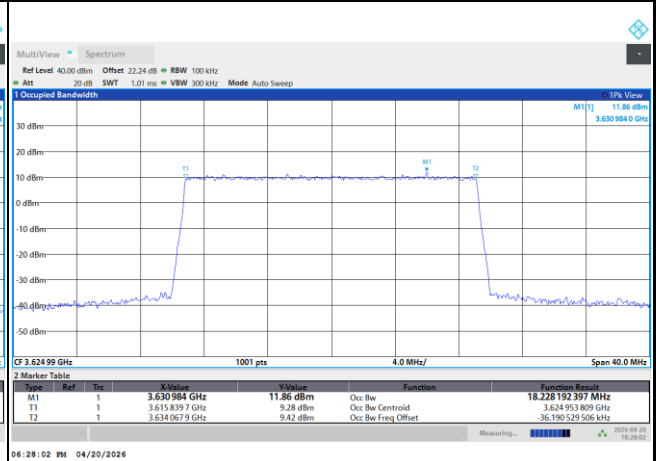
QPSK



64QAM



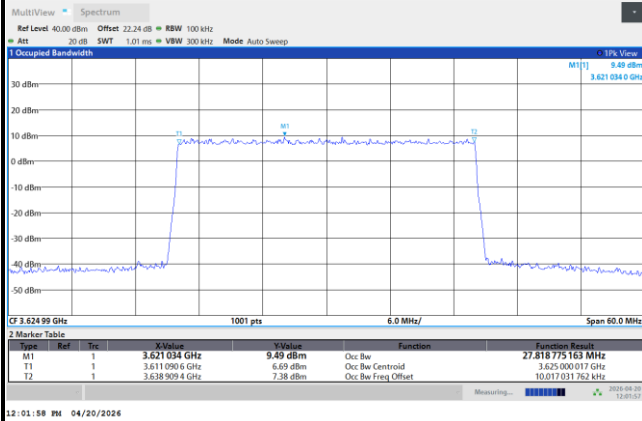
256QAM



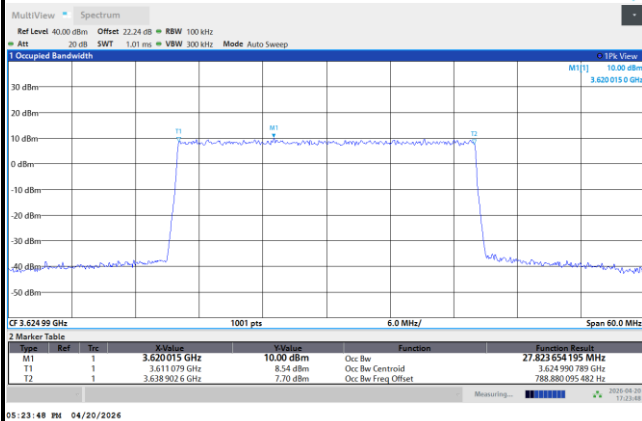


FR1 n48 / 30MHz / Middle Channel / 99%OBW

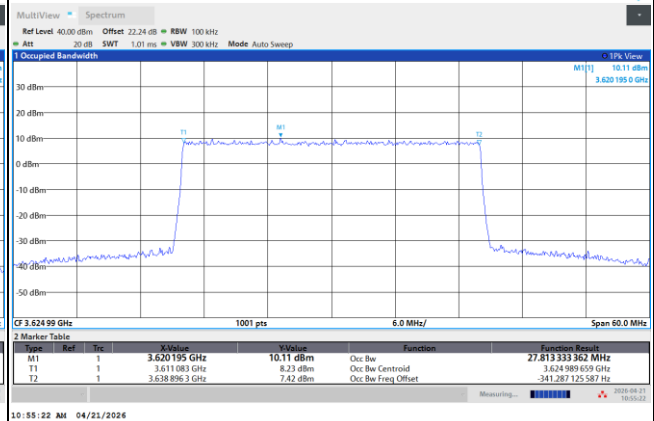
QPSK



64QAM



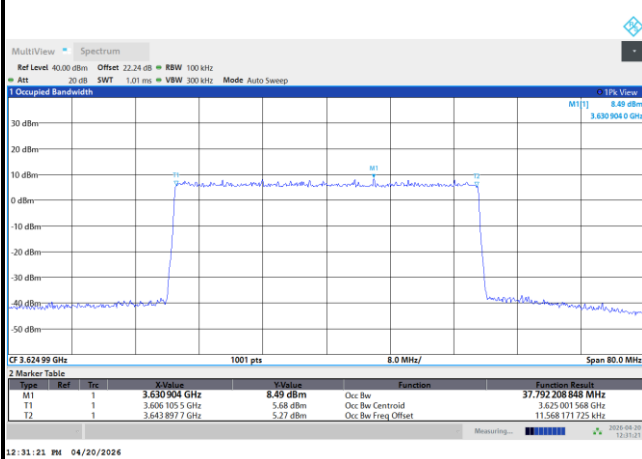
256QAM



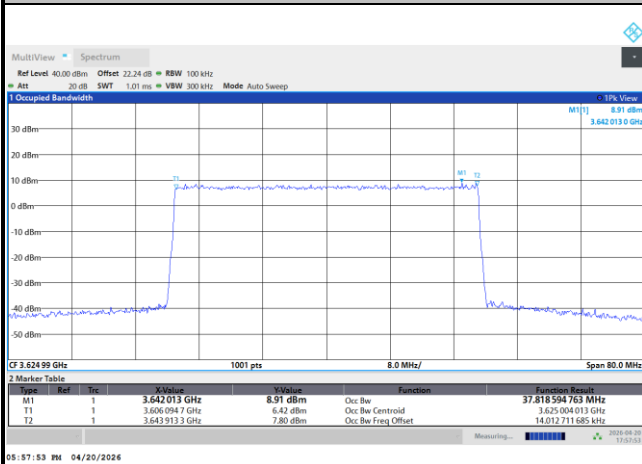


FR1 n48 / 40MHz / Middle Channel / 99%OBW

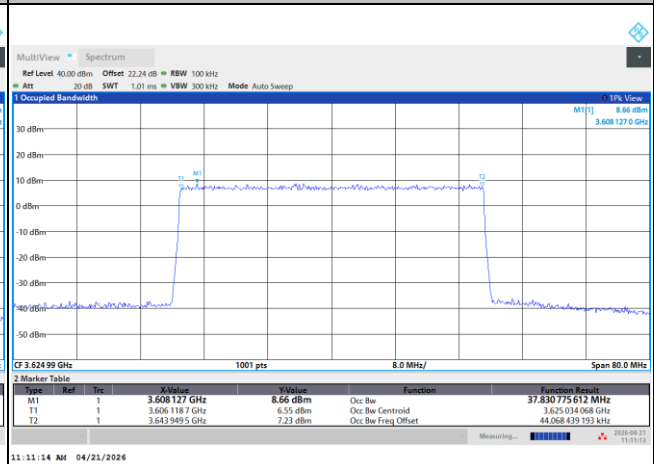
QPSK



64QAM



256QAM

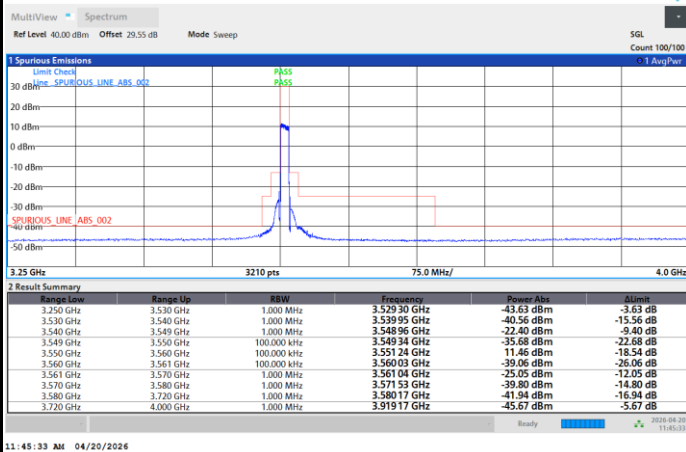




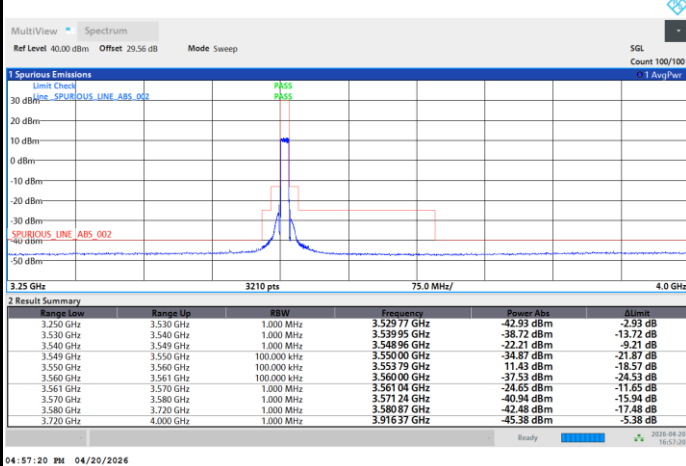
Unwanted Emission (MASK)

FR1 n48 / 10MHz / Lowest Channel / MASK

QPSK



64QAM



256QAM

