

TEST REPORT

FCC LTE B26(5)(Part22) Test for SM-A276U
Certification

APPLICANT
SAMSUNG Electronics Co., Ltd.

REPORT NO.
HCT-RF-2604-FC019

DATE OF ISSUE
April 23, 2026

Tested by
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TEST REPORT

REPORT NO.

HCT-RF-2604-FC019

DATE OF ISSUE

April 23, 2026

Additional Model

SM-A276U1, SM-S276V

Applicant

SAMSUNG Electronics Co., Ltd.

129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Rep. of Korea

Product Name

Mobile Phone

Model Name

SM-A276U

Date of Test

March 11, 2026 ~ April 22, 2026

FCC ID

A3LSMA276U

Location of Test

☒ Permanent Testing Lab ☐ On Site Testing

(Address: 74, Seoicheon-ro 578beon-gil, Majang-myeon, Icheon-si, Gyeonggi-do, Republic of Korea)

FCC Classification:

PCS Licensed Transmitter Held to Ear (PCE)

Test Standard Used

FCC Rule Part: § 22

Test Results

PASS

REVISION HISTORY

The revision history for this test report is shown in table.

Revision No.	Date of Issue	Description
0	April 23, 2026	Initial Release

Notice

Content

The measurements shown in this report were made in accordance with the procedures specified in CFR47 section § 2.947. I assume full responsibility for the accuracy and completeness of these measurements, and for the qualifications of all persons taking them.

HCT CO., LTD. Certifies that no party to this application has subject to a denial of Federal benefits that includes FCC benefits pursuant to section 5301 of the Anti-Drug Abuse Act of 1998,21 U.S. C.853(a)

The results shown in this test report only apply to the sample(s), as received, provided by the applicant, unless otherwise stated.

The test results have only been applied with the test methods required by the standard(s).

The laboratory is not accredited for the test results marked *.

Information provided by the applicant is marked **.

Test results provided by external providers are marked ***.

When confirmation of authenticity of this test report is required, please contact www.hct.co.kr

The test results in this test report are not associated with the ((KS Q) ISO/IEC 17025) accreditation by KOLAS (Korea Laboratory Accreditation Scheme) / A2LA (American Association for Laboratory Accreditation) that are under the ILAC (International Laboratory Accreditation Cooperation) Mutual Recognition Agreement (MRA).

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MEASUREMENT REPORT

1. GENERAL INFORMATION

Model(s):	SM-A276U
Additional Model(s)	SM-A276U1, SM-S276V
Tx Frequency:	824.7 MHz – 848.3 MHz (LTE – Band 26/5 (1.4 MHz)) 825.5 MHz – 847.5 MHz (LTE – Band 26/5 (3 MHz)) 826.5 MHz – 846.5 MHz (LTE – Band 26/5 (5 MHz)) 829.0 MHz – 844.0 MHz (LTE – Band 26/5 (10 MHz)) 831.5 MHz – 841.5 MHz (LTE – Band 26 (15 MHz))
Serial number:	Radiated : R37L300TFEN Conducted : 9aece160ab127ece
Antenna Information	Please refer to the Antenna Specification document.

1.1 MAXIMUM OUTPUT POWER

Mode (MHz)	Tx Frequency (MHz)	Emission Designator	Modulation	ERP	
				Max. Power (W)	Max. Power (dBm)
LTE – Band 26/5 (1.4)	824.7 – 848.3	1M10G7D	QPSK	0.070	18.42
		1M10W7D	16QAM	0.057	17.53
		1M10W7D	64QAM	0.045	16.50
		1M10W7D	256QAM	0.022	13.48
LTE – Band 26/5 (3)	825.5 – 847.5	2M72G7D	QPSK	0.069	18.41
		2M71W7D	16QAM	0.057	17.59
		2M71W7D	64QAM	0.045	16.55
		2M71W7D	256QAM	0.022	13.46
LTE – Band 26/5 (5)	826.5 – 846.5	4M52G7D	QPSK	0.065	18.11
		4M51W7D	16QAM	0.055	17.43
		4M51W7D	64QAM	0.042	16.24
		4M50W7D	256QAM	0.021	13.24
LTE – Band 26/5 (10)	829.0 – 844.0	9M00G7D	QPSK	0.064	18.03
		8M99W7D	16QAM	0.052	17.19
		8M98W7D	64QAM	0.041	16.15
		8M97W7D	256QAM	0.021	13.17
LTE – Band 26 (15)	831.5 – 841.5	13M4G7D	QPSK	0.061	17.82
		13M4W7D	16QAM	0.051	17.11
		13M5W7D	64QAM	0.039	15.90
		13M5W7D	256QAM	0.019	12.79

2. INTRODUCTION

2.1. DESCRIPTION OF EUT

Please refer to the [2G3G] Test Report.

2.2. MEASURING INSTRUMENT CALIBRATION

The measuring equipment, which was utilized in performing the tests documented herein, has been calibrated in accordance with the manufacturer's recommendations for utilizing calibration equipment, which is traceable to recognized national standards.

2.3. TEST FACILITY

The Fully-anechoic chamber and conducted measurement facility used to collect the radiated data are located at the 74, Seoicheon-ro 578beon-gil, Majang-myeon, Icheon-si, Gyeonggi-do, Republic of Korea.

Detailed description of test facility was submitted to the Commission and accepted dated February 26, 2026 (Registration Number: KR0032).

2.4. EQUIPMENT

Radiated emissions are measured with one or more of the following types of Linearly polarized antennas: tuned dipole, bi-conical, log periodic, bi-log, and/or ridged waveguide, horn. Spectrum analyzers with pre-selectors and quasi-peak detectors are used to perform radiated measurements.

Conducted emissions are measured with Line Impedance Stabilization Networks and EMI Test Receivers.

Calibrated wideband preamplifiers, coaxial cables, and coaxial attenuators are also used for making measurements.

All receiving equipment conforms to ANSI/USEMCSC C63.2-2023, "American National Standard for Specifications of Electromagnetic Interference and Field Strength Measuring Instrumentation in the Frequency Range 9 kHz to 40 GHz".

3. DESCRIPTION OF TESTS

3.1 TEST PROCEDURE

Test Description	Test Procedure Used
Occupied Bandwidth	- KDB 971168 D01 v03r01 – Section 4.3 - ANSI C63.26-2015 – Section 5.4.4
Band Edge	- KDB 971168 D01 v03r01 – Section 6.0 - ANSI C63.26-2015 – Section 5.7
Spurious and Harmonic Emissions at Antenna Terminal	- KDB 971168 D01 v03r01 – Section 6.0 - ANSI C63.26-2015 – Section 5.7
Conducted Output Power	- KDB 971168 D01 v03r01 - Section 5.2.4 - ANSI C63.26-2015 - Section 5.2.1 & 5.2.4.2
Peak- to- Average Ratio	- KDB 971168 D01 v03r01 – Section 5.7 - ANSI C63.26-2015 – Section 5.2.3.4
Frequency stability	- ANSI C63.26-2015 – Section 5.6
Radiated Power	- ANSI C63.26-2015 – Section 5.2.4.4 - KDB 971168 D01 v03r01 – Section 5.8
Radiated Spurious and Harmonic Emissions	- ANSI C63.26-2015 – Section 5.5.3 - KDB 971168 D01 v03r01 – Section 5.8

3.2 RADIATED POWER

Test Overview

Radiated tests are performed in the Fully-anechoic chamber.

The equipment under test is placed on a non-conductive table 3-meters away from the receive antenna.

Test Settings

1. Radiated power measurements are performed using the signal analyzer's "channel power" measurement capability for signals with continuous operation.
2. RBW = 1 – 5 % of the expected OBW, not to exceed 1 MHz
3. VBW $\geq$ 3 x RBW
4. Span = 1.5 times the OBW
5. No. of sweep points > 2 x span / RBW
6. Detector = RMS
7. Trigger is set to "free run" for signals with continuous operation with the sweep times set to "auto".
8. The integration bandwidth was roughly set equal to the measured OBW of the signal for signals with continuous operation.
9. Trace mode = trace averaging (RMS) over 100 sweeps
10. The trace was allowed to stabilize

Test Note

1. The turntable is rotated through 360 degrees, and the receiving antenna scans in order to determine the level of the maximized emission.
2. A half wave dipole is then substituted in place of the EUT. For emissions above 1 GHz, a horn antenna is substituted in place of the EUT. The substitute antenna is driven by a signal generator and the previously recorded signal was duplicated.

The power is calculated by the following formula;

$$P_d \text{ (dBm)} = P_g \text{ (dBm)} - \text{cable loss (dB)} + \text{antenna gain (dB)}$$

Where: P_d is the dipole equivalent power and P_g is the generator output power into the substitution antenna.

3. The maximum value is calculated by adding the forward power to the calibrated source plus its appropriate gain value.

These steps are repeated with the receiving antenna in both vertical and horizontal polarization. the difference between the gain of the horn and an isotropic antenna are taken into consideration

4. The EUT was tested in three orthogonal planes(X, Y, Z) and in all possible test configurations and positioning.
5. All measurements are performed as RMS average measurements while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies.

3.3 RADIATED SPURIOUS EMISSIONS

Test Overview

Radiated tests are performed in the Fully-anechoic chamber.

Radiated Spurious Emission Measurements at 3 meters by Substitution Method.

Test Settings

1. RBW = 100 kHz for emissions below 1 GHz and 1 MHz for emissions above 1 GHz
2. VBW $\geq$ 3 x RBW
3. No. of sweep points > 2 x span / RBW
4. Detector = Peak
5. Trace mode = Max Hold
6. The trace was allowed to stabilize
7. Test channel : Low/ Middle/ High
8. Frequency range : We are performed all frequency to 10th harmonics from 9 kHz.

Test Note

1. Measurements value show only up to 3 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin > 20 dB from the applicable limit) and considered that's already beyond the background noise floor.
2. The EUT was tested in three orthogonal planes(X, Y, Z) and in all possible test configurations and positioning. The worst case emissions are reported with the EUT positioning, modulations, RB sizes and offsets, and channel bandwidth configurations shown in the test data
3. For spurious emissions above 1 GHz, a horn antenna is substituted in place of the EUT. The substitute antenna is driven by a signal generator and the previously recorded signal was duplicated.

The spurious emissions is calculated by the following formula;

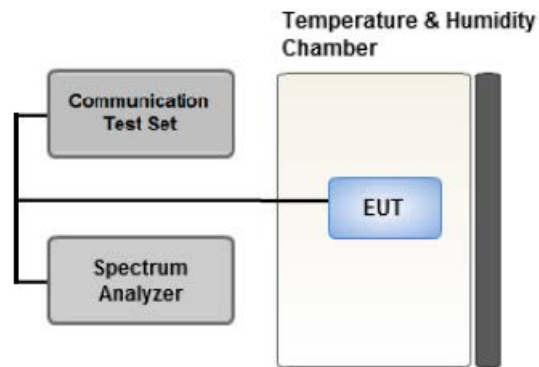
$$\text{Result}_{(\text{dBm})} = P_g_{(\text{dBm})} - \text{cable loss}_{(\text{dB})} + \text{antenna gain}_{(\text{dBi})}$$

Where: P_g is the generator output power into the substitution antenna.

If the fundamental frequency is below 1 GHz, RF output power has been converted to EIRP.

$$\text{EIRP}_{(\text{dBm})} = \text{ERP}_{(\text{dBm})} + 2.15$$

3.4 PEAK- TO- AVERAGE RATIO



Test setup

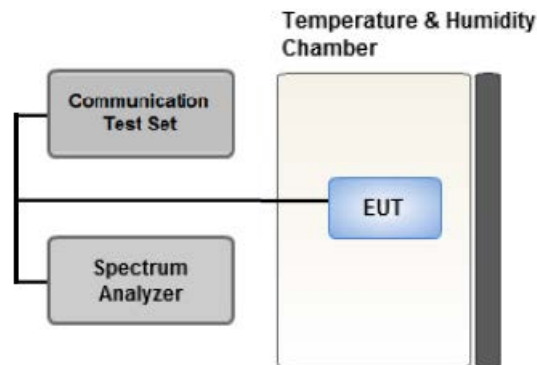
Test Settings

1. Set resolution/measurement bandwidth $\geq$ signal's occupied bandwidth;
2. Set the number of counts to a value that stabilizes the measured CCDF curve;
3. Set the measurement interval as follows:
 - .- for continuous transmissions, set to 1 ms,
 - .- or burst transmissions, employ an external trigger that is synchronized with the EUT burst timing sequence, or use the internal burst trigger with a trigger level that allows the burst to stabilize and set the measurement interval to a time that is less than or equal to the burst duration.
4. Record the maximum PAPR level associated with a probability of 0.1 %.

Test Notes

1. This test was performed using the spectrum analyzer's CCDF function.

3.5 OCCUPIED BANDWIDTH.



Test setup

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 power of a given emission.

The EUT makes a call to the communication simulator.

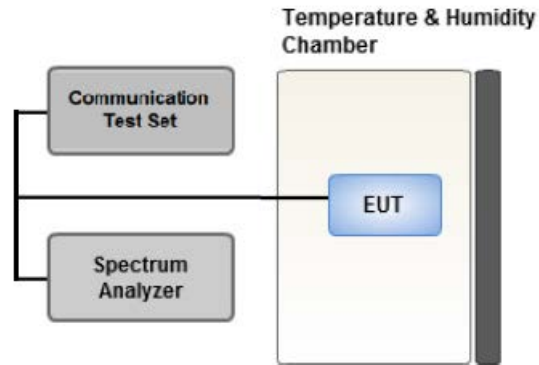
The conducted occupied bandwidth used the power splitter via EUT RF power connector between simulation base station and spectrum analyzer.

The communication simulator station system controlled a EUT to export maximum output power under transmission mode and specific channel frequency. Use OBW measurement function of Spectrum analyzer to measure 99 % occupied bandwidth

Test Settings

1. The signal analyzer's automatic bandwidth measurement capability was used to perform the 99 % occupied bandwidth and the 26 dB bandwidth. The bandwidth measurement was not influenced by any intermediate power nulls in the fundamental emission.
2. RBW = 1 – 5 % of the expected OBW
3. VBW $\geq 3 \times$ RBW
4. Detector = Peak
5. Trace mode = max hold
6. Sweep = auto couple
7. The trace was allowed to stabilize
8. If necessary, steps 2 – 7 were repeated after changing the RBW such that it would be within 1 – 5 % of the 99 % occupied bandwidth observed in Step 7

3.6 SPURIOUS AND HARMONIC EMISSIONS AT ANTENNA TERMINAL



Test setup

Test Overview

The level of the carrier and the various conducted spurious and harmonic frequencies is measured by means of a calibrated spectrum analyzer. The spectrum is scanned from the lowest frequency generated in the equipment up to a frequency including its 10th harmonic.

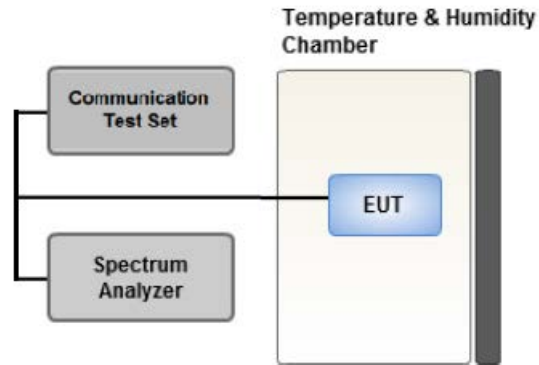
All out of band emissions are measured with a spectrum analyzer connected to the antenna terminal of the EUT while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies.

All data rates were investigated to determine the worst case configuration. All modes of operation were investigated and the worst case configuration results are reported in this section.

Test Settings

1. RBW = 1 MHz
2. VBW $\geq$ 3 MHz
3. Detector = Peak
4. Trace Mode = Max Hold
5. Sweep time = auto
6. Number of points in sweep = 1001

3.7 BAND EDGE



Test setup

Test Overview

All out of band emissions are measured with a spectrum analyzer connected to the antenna terminal of the EUT while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates were investigated to determine the worst case configuration. All modes of operation were investigated and the worst case configuration results are reported in this section.

Test Settings

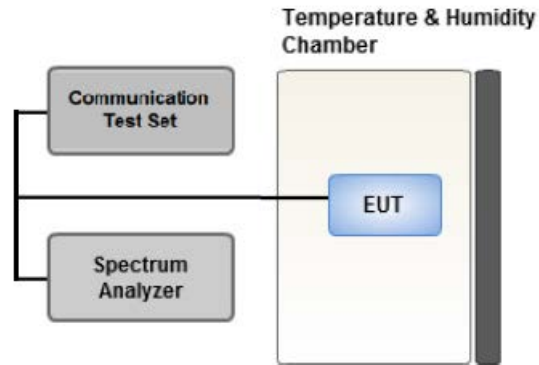
1. Start and stop frequency were set such that the band edge would be placed in the center of the plot
2. Span was set large enough so as to capture all out of band emissions near the band edge
3. RBW > 1 % of the emission bandwidth
4. VBW > 3 x RBW
5. Detector = RMS
6. Number of sweep points $\geq 2 \times \text{Span/RBW}$
7. Trace mode = trace average
8. Sweep time > (Number of Points) $\times$ (Symbol Period)
9. The trace was allowed to stabilize

Test Notes

According to FCC 22.917, 24.238, 27.53 specified that power of any emission outside of The authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB. In the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. All measurements were done at 2 channels(low and high operational frequency range.) The band edge measurement used the power splitter via EUT RF power connector between simulation base station and spectrum analyzer.

Where Margin < 1 dB the emission level is either corrected by $10 \log(1 \text{ MHz} / \text{RB})$ or the emission is integrated over a 1 MHz bandwidth to determine the final result. When using the integration method the integration window is either centered on the emission or, for emissions at the band edge, centered by an offset of 500 kHz from the block edge so that the integration window is the 1 MHz adjacent to the block edge.

3.8 FREQUENCY STABILITY / VARIATION OF AMBIENT TEMPERATURE



Test setup

Test Overview

Frequency stability testing is performed in accordance with the guidelines of ANSI C63.26-2015.

The frequency stability of the transmitter is measured by:

1. Temperature:

The temperature is varied from -30 °C to +50 °C in 10 °C increments using an environmental chamber.

2. Primary Supply Voltage:

- . - Unless otherwise specified, vary primary supply voltage from 85 % to 115 % of the nominal value for other than hand carried battery equipment.
- . - For hand carried, battery powered equipment, reduce the primary ac or dc supply voltage to the battery operating end point, which shall be specified by the manufacturer.

Test Settings

1. The carrier frequency of the transmitter is measured at room temperature (20 °C to provide a reference).
2. The equipment is turned on in a “standby” condition for fifteen minutes before applying power to the transmitter. Measurement of the carrier frequency of the transmitter is made within one minute after applying power to the transmitter.
3. Frequency measurements are made at 10 °C intervals ranging from -30 °C to +50 °C. A period of at least one half-hour is provided to allow stabilization of the equipment at each temperature level.

3.9 WORST CASE(RADIATED TEST)

- The EUT was tested in three orthogonal planes(X, Y, Z) and in all possible test configurations and positioning.
- All modes of operation were investigated and the worst case configuration results are reported.
Mode : Stand alone, Stand alone + External accessories (Earphone, AC adapter, etc)
Worst case : Stand alone
- All simultaneous transmission scenarios of operation were investigated, and the test results showed no additional significant emissions relative to the least restrictive limit were observed.
Therefore, only the worst case(stand-alone) results were reported.
- In the case of radiated spurious emissions, all bandwidth of operation were investigated and the worst case bandwidth results are reported. (Worst case : 1.4 MHz)
- LTE Band 26(1.4 M/3 M/5 M/10 M) overlaps the entire frequency range of LTE Band 5(1.4 M/3 M/5 M/10 M) and they have the same Tune-up power.
Therefore, test data provided in this report covers Band 5 as well as Band 26.
- The worst case is reported with the EUT positioning, modulations, and paging service configurations shown in the test data
- Please refer to the table below.
- SM-A276U & additional models were tested and the worst case results are reported.
(Worst case : SM-A276U)

[Worst case]

Test Description	Modulation	RB size	RB offset	Axis
Effective Radiated Power	QPSK, 16QAM, 64QAM, 256QAM	See Section 8.1		Z
Radiated Spurious and Harmonic Emissions	QPSK	See Section 8.2		X

3.10 WORST CASE(CONDUCTED TEST)

- All modes of operation were investigated and the worst case configuration results are reported.
- LTE Band 26(1.4 M/3 M/5 M/10 M) overlaps the entire frequency range of LTE Band 5(1.4 M/3 M/5 M/10 M) and they have the same Tune-up power.
Therefore, test data provided in this report covers Band 5 as well as Band 26.
- SM-A276U & additional models were tested and the worst case results are reported.
(Worst case : SM-A276U)

[Worst case]

Test Description	Modulation	Bandwidth (MHz)	Frequency	RB size	RB offset
Occupied Bandwidth	QPSK, 16QAM, 64QAM, 256QAM	1.4, 3, 5, 10, 15	Mid	Full RB	0
Peak-To-Average Ratio	QPSK, 16QAM, 64QAM, 256QAM	1.4, 3, 5, 10, 15	Mid	Full RB	0
Band Edge	QPSK	1.4	Low	1	0
			High	1	5
		3	Low	1	0
			High	1	14
		5	Low	1	0
			High	1	24
		10	Low	1	0
			High	1	49
		15	Low	1	0
			High	1	74
		1.4, 3, 5, 10, 15	Low, Mid, High	Full RB	0
Spurious and Harmonic Emissions at Antenna Terminal	QPSK	1.4, 3, 5, 10, 15	Low, Mid, High	1	0

4. LIST OF TEST EQUIPMENT

Equipment	Model	Manufacture	Serial No.	Due to Calibration	Calibration Interval
RF Switching System	INPUT1 + 1GHz HPF + LNA	HCT CO., LTD.,	F2L2	12/01/2026	Annual
RF Switching System	INPUT1 + 3GHz HPF + LNA	HCT CO., LTD.,	F2L3	12/01/2026	Annual
RF Switching System	INPUT1 + 7GHz HPF + LNA	HCT CO., LTD.,	F2L5	12/01/2026	Annual
RF Switching System	INPUT3 + 6GHz HPF + LNA	HCT CO., LTD.,	F2L14	12/01/2026	Annual
Broadband LNA	CBL18265035	CERNEX	22966	10/21/2026	Annual
Broadband LNA	CBL26405040	CERNEX	25956	02/09/2027	Annual
POWER SPLITTER	11667B	Hewlett Packard	5001	04/01/2027	Annual
DC POWER SUPPLY	E3632A	Agilent	MY40010147	07/29/2026	Annual
Dipole Antenna	UHAP	Schwarzbeck	01274	03/05/2028	Biennial
Dipole Antenna	UHAP	Schwarzbeck	01288	08/07/2026	Biennial
Chamber	SU-642	ESPEC	93008124	02/04/2027	Annual
Horn Antenna	BBHA 9120D	Schwarzbeck	03197	11/28/2026	Biennial
Horn Antenna	BBHA 9120D	Schwarzbeck	03201	11/28/2026	Biennial
Horn Antenna	BBHA 9170	Schwarzbeck	BBHA9170342	09/20/2026	Biennial
Horn Antenna	BBHA 9170	Schwarzbeck	BBHA9170124	03/23/2027	Biennial
MXA SIGNAL ANALYZER	N9020A	Agilent	MY52090906	04/08/2027	Annual
20dB ATTENUATOR	8493C	HP	15233	12/10/2026	Annual
Signal Analyzer	FSV 40	ROHDE & SCHWARZ	101733	09/17/2026	Annual
Wireless Communications Set	E5515C	Agilent	MY48360800	07/29/2026	Annual
Loop Antenna	FMZB 1513	Schwarzbeck	1513-333	06/23/2027	Biennial
Trilog Broadband Antenna	VULB 9168	Schwarzbeck	00895	08/28/2026	Biennial
Trilog Broadband Antenna	VULB 9168	Schwarzbeck Mess-Elektronik OHG	01135	08/19/2026	Biennial
Radio Communication Test Station	MT8000A	Anritsu	6272613402	08/18/2026	Annual
SIGNAL GENERATOR	SMB100A	ROHDE & SCHWARZ	177633	07/22/2026	Annual
PXA Signal Analyzer	N9030B	Keysight	MY55480167	05/14/2026	Annual
UXM 5G Wireless Test Platform	E7515B	Keysight	MY60101126	01/29/2027	Annual
Automation Software	FCC 2G/3G/4G Conducted	HCT CO., LTD	-	-	-
Automation Software	FCC NR Conducted	HCT CO., LTD	-	-	-
Automation Software	FCC LTE Radiated	HCT CO., LTD	-	-	-
Automation Software	FCC NR Radiated	HCT CO., LTD	-	-	-

Note:

1. Equipment whose calibration due date was updated during the test period was not used between the previous due date and the update. All reported measurements were performed using equipment within valid calibration.
2. Especially, all antenna for measurement is calibrated in accordance with the requirements of ANSI C63.5-2017.

5. MEASUREMENT UNCERTAINTY

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI C63.4-2014.

All measurement uncertainty values are shown with a coverage factor of $k = 2$ to indicate a 95 % level of confidence. The measurement data shown herein meets or exceeds the U_{CISPR} measurement uncertainty values specified in CISPR 16-4-2 and, thus, can be compared directly to specified limits to determine compliance.

Parameter	Expanded Uncertainty ($\pm$ kHz)
Occupied Bandwidth	95 (Confidence level about 95 %, $k=2$)
Frequency stability	28 (Confidence level about 95 %, $k=2$)

Parameter	Expanded Uncertainty ($\pm$ kHz)
Block Edge	0.70 (Confidence level about 95 %, $k=2$)
Conducted Spurious Emissions	1.11 (Confidence level about 95 %, $k=2$)
Peak- to- Average Ratio	0.73 (Confidence level about 95 %, $k=2$)
Radiated Power	4.74 (Confidence level about 95 %, $k=2$)
Radiated Disturbance (9 kHz ~ 30 MHz)	4.54 (Confidence level about 95 %, $k=2$)
Radiated Disturbance (30 MHz ~ 1 GHz)	5.74 (Confidence level about 95 %, $k=2$)
Radiated Disturbance (1 GHz ~ 18 GHz)	5.80 (Confidence level about 95 %, $k=2$)
Radiated Disturbance (18 GHz ~ 40 GHz)	5.86 (Confidence level about 95 %, $k=2$)
Radiated Disturbance (Above 40 GHz)	5.44 (Confidence level about 95 %, $k=2$)

6. SUMMARY OF TEST RESULTS

-. The decision rule applies ‘simple acceptance’

6.1 Test Condition : Conducted Test

Test Description	FCC Part Section(s)	Test Limit	Test Result
Occupied Bandwidth	§ 2.1049	N/A	PASS
Band Edge / Spurious and Harmonic Emissions at Antenna Terminal.	§ 2.1051, § 22.917(a)	< 43 + 10log10 (P[Watts]) at Band Edge and for all out-of-band emissions	PASS
Conducted Output Power	§ 2.1046	N/A	PASS <u>Note1</u>
Peak- to- Average Ratio	§ 22.913(d)	< 13 dB	PASS
Frequency stability / variation of ambient temperature	§ 2.1055, § 22.355	< 2.5 ppm	PASS

Note:

1. Refer to the SAR report.

6.2 Test Condition : Radiated Test

Test Description	FCC Part Section(s)	Test Limit	Test Result
Effective Radiated Power	§ 22.913(a)(5)	< 7 Watts max. ERP	PASS
Radiated Spurious and Harmonic Emissions	§ 2.1053, § 22.917(a)	< 43 + 10log10 (P[Watts]) for all out-of band emissions	PASS

7. SAMPLE CALCULATION

7.1 ERP Sample Calculation

Ch./ Freq.		Measured Level (dBm)	Substitute Level (dBm)	Ant. Gain (dBd)	C.L	Pol.	ERP	
channel	Freq.(MHz)						W	dBm
128	824.20	-21.37	38.40	-10.61	0.95	H	0.483	26.84

$$\text{ERP} = \text{Substitute LEVEL(dBm)} + \text{Ant. Gain} - \text{CL(Cable Loss)}$$

- 1) The EUT mounted on a non-conductive turntable is 2.5 meter above test site ground level.
- 2) During the test, the turn table is rotated until the maximum signal is found.
- 3) Record the field strength meter's level.
- 4) Replace the EUT with dipole/Horn antenna that is connected to a calibrated signal generator.
- 5) Increase the signal generator output till the field strength meter's level is equal to the item (3).
- 6) The signal generator output level with Ant. Gain and cable loss are the rating of effective radiated power.

7.2 EIRP Sample Calculation

Ch./ Freq.		Measured Level (dBm)	Substitute Level (dBm)	Ant. Gain (dBi)	C.L	Pol.	EIRP	
channel	Freq.(MHz)						W	dBm
20175	1,732.50	-15.75	18.45	9.90	1.76	H	0.456	26.59

$$\text{EIRP} = \text{Substitute LEVEL(dBm)} + \text{Ant. Gain} - \text{CL(Cable Loss)}$$

- 1) The EUT mounted on a non-conductive turntable is 2.5 meter above test site ground level.
- 2) During the test, the turn table is rotated until the maximum signal is found.
- 3) Record the field strength meter's level.
- 4) Replace the EUT with dipole/Horn antenna that is connected to a calibrated signal generator.
- 5) Increase the signal generator output till the field strength meter's level is equal to the item (3).
- 6) The signal generator output level with Ant. Gain and cable loss are the rating of equivalent isotropic radiated power.

7.3. Emission Designator

GSM Emission Designator

Emission Designator = 249KGXW
GSM BW = 249 kHz
G = Phase Modulation
X = Cases not otherwise covered
W = Combination (Audio/Data)

EDGE Emission Designator

Emission Designator = 249KG7W
GSM BW = 249 kHz
G = Phase Modulation
7 = Quantized/Digital Info
W = Combination (Audio/Data)

WCDMA Emission Designator

Emission Designator = 4M17F9W
WCDMA BW = 4.17 MHz
F = Frequency Modulation
9 = Composite Digital Info
W = Combination (Audio/Data)

QPSK Modulation

Emission Designator = 4M48G7D
LTE BW = 4.48 MHz
G = Phase Modulation
7 = Quantized/Digital Info
D = Data transmission; telemetry; telecommand

QAM Modulation

Emission Designator = 4M48W7D
LTE BW = 4.48 MHz
W = Amplitude/Angle Modulated
7 = Quantized/Digital Info
D = Data transmission; telemetry; telecommand

8. TEST DATA

8.1 EFFECTIVE RADIATED POWER

Freq (MHz)	Mod/ Bandwidth	Modulation	Measured Level (dBm)	Substitute Level (dBm)	Ant. Gain (dBd)	C.L	Pol	Limit	ERP		RB	
								W	W	dBm	Size	Offset
824.7	LTE B26/B5 (1.4 MHz)	QPSK	-32.77	28.86	-9.95	1.44	H	< 7.00	0.056	17.47	1	3
		16-QAM	-33.59	28.04	-9.95	1.44	H		0.046	16.65		
		64-QAM	-34.60	27.03	-9.95	1.44	H		0.037	15.64		
		256-QAM	-37.71	23.92	-9.95	1.44	H		0.018	12.53		
836.5		QPSK	-33.00	29.06	-9.95	1.45	H		0.058	17.66	1	3
		16-QAM	-33.83	28.23	-9.95	1.45	H		0.048	16.83		
		64-QAM	-34.97	27.09	-9.95	1.45	H		0.037	15.69		
		256-QAM	-37.88	24.18	-9.95	1.45	H		0.019	12.78		
848.3		QPSK	-33.12	29.72	-9.85	1.45	H		0.070	18.42	1	0
		16-QAM	-34.01	28.83	-9.85	1.45	H		0.057	17.53		
		64-QAM	-35.04	27.80	-9.85	1.45	H		0.045	16.50		
		256-QAM	-38.06	24.78	-9.85	1.45	H		0.022	13.48		

Freq (MHz)	Mod/ Bandwidth	Modulation	Measured Level (dBm)	Substitute Level (dBm)	Ant. Gain (dBd)	C.L	Pol	Limit	ERP		RB	
								W	W	dBm	Size	Offset
825.5	LTE B26/B5 (3 MHz)	QPSK	-32.66	29.20	-9.95	1.44	H	< 7.00	0.060	17.81	1	8
		16-QAM	-33.45	28.41	-9.95	1.44	H		0.050	17.02		
		64-QAM	-34.55	27.31	-9.95	1.44	H		0.039	15.92		
		256-QAM	-37.50	24.36	-9.95	1.44	H		0.020	12.97		
836.5		QPSK	-33.00	29.06	-9.95	1.45	H		0.058	17.66	1	14
		16-QAM	-33.84	28.22	-9.95	1.45	H		0.048	16.82		
		64-QAM	-34.81	27.25	-9.95	1.45	H		0.038	15.85		
		256-QAM	-37.87	24.19	-9.95	1.45	H		0.019	12.79		
847.5		QPSK	-33.06	29.71	-9.85	1.45	H		0.069	18.41	1	8
		16-QAM	-33.88	28.89	-9.85	1.45	H		0.057	17.59		
		64-QAM	-34.92	27.85	-9.85	1.45	H		0.045	16.55		
		256-QAM	-38.01	24.76	-9.85	1.45	H		0.022	13.46		

Freq (MHz)	Mod/ Bandwidth	Modulation	Measured Level (dBm)	Substitute Level (dBm)	Ant. Gain (dBd)	C.L	Pol	Limit	ERP		RB	
								W	W	dBm	Size	Offset
826.5	LTE B26/B5 (5 MHz)	QPSK	-33.52	28.32	-9.95	1.44	H	< 7.00	0.049	16.93	1	24
		16-QAM	-34.25	27.59	-9.95	1.44	H		0.042	16.20		
		64-QAM	-35.31	26.53	-9.95	1.44	H		0.033	15.14		
		256-QAM	-38.36	23.48	-9.95	1.44	H		0.016	12.09		
836.5		QPSK	-32.97	29.09	-9.95	1.45	H		0.059	17.69	1	13
		16-QAM	-33.78	28.28	-9.95	1.45	H		0.049	16.88		
		64-QAM	-34.81	27.25	-9.95	1.45	H		0.038	15.85		
		256-QAM	-37.93	24.13	-9.95	1.45	H		0.019	12.73		
846.5		QPSK	-33.12	29.41	-9.85	1.45	H		0.065	18.11	1	13
		16-QAM	-33.80	28.73	-9.85	1.45	H		0.055	17.43		
		64-QAM	-34.99	27.54	-9.85	1.45	H		0.042	16.24		
		256-QAM	-37.99	24.54	-9.85	1.45	H		0.021	13.24		

Freq (MHz)	Mod/ Bandwidth	Modulation	Measured Level (dBm)	Substitute Level (dBm)	Ant. Gain (dBd)	C.L	Pol	Limit	ERP		RB	
								W	W	dBm	Size	Offset
829.0	LTE B26/B5 (10 MHz)	QPSK	-33.27	28.39	-9.95	1.44	H	< 7.00	0.050	17.00	1	49
		16-QAM	-34.01	27.65	-9.95	1.44	H		0.042	16.26		
		64-QAM	-35.02	26.64	-9.95	1.44	H		0.033	15.25		
		256-QAM	-38.02	23.64	-9.95	1.44	H		0.017	12.25		
836.5		QPSK	-33.01	29.05	-9.95	1.45	H		0.058	17.65	1	25
		16-QAM	-33.83	28.23	-9.95	1.45	H		0.048	16.83		
		64-QAM	-34.83	27.23	-9.95	1.45	H		0.038	15.83		
		256-QAM	-37.95	24.11	-9.95	1.45	H		0.019	12.71		
844.0		QPSK	-33.01	29.33	-9.85	1.45	H		0.064	18.03	1	25
		16-QAM	-33.85	28.49	-9.85	1.45	H		0.052	17.19		
		64-QAM	-34.89	27.45	-9.85	1.45	H		0.041	16.15		
		256-QAM	-37.87	24.47	-9.85	1.45	H		0.021	13.17		

Freq (MHz)	Mod/ Bandwidth	Modulation	Measured Level (dBm)	Substitute Level (dBm)	Ant. Gain (dBd)	C.L	Pol	Limit	ERP		RB	
								W	W	dBm	Size	Offset
831.5	LTE B26 (15 MHz)	QPSK	-33.24	28.56	-9.95	1.45	H	< 7.00	0.052	17.16	1	74
		16-QAM	-34.09	27.71	-9.95	1.45	H		0.043	16.31		
		64-QAM	-35.11	26.69	-9.95	1.45	H		0.034	15.29		
		256-QAM	-38.11	23.69	-9.95	1.45	H		0.017	12.29		
836.5		QPSK	-33.18	28.88	-9.95	1.45	H		0.056	17.48	1	38
		16-QAM	-33.99	28.07	-9.95	1.45	H		0.046	16.67		
		64-QAM	-35.11	26.95	-9.95	1.45	H		0.036	15.55		
		256-QAM	-38.13	23.93	-9.95	1.45	H		0.018	12.53		
841.5		QPSK	-33.17	29.12	-9.85	1.45	H		0.061	17.82	1	38
		16-QAM	-33.88	28.41	-9.85	1.45	H		0.051	17.11		
		64-QAM	-35.09	27.20	-9.85	1.45	H		0.039	15.90		
		256-QAM	-38.20	24.09	-9.85	1.45	H		0.019	12.79		

8.2 RADIATED SPURIOUS EMISSIONS

■ MODE: LTE B26/B5
 ■ MODULATION SIGNAL: 1.4 MHz QPSK
 ■ DISTANCE: 3 meters
 ■ LIMIT: -13 dBm

Ch	Freq (MHz)	Measured Level (dBm)	Ant. Gain (dBi)	Substitute Level (dBm)	C.L	Pol	Result (dBm)	RB	
								Size	Offset
26797 (824.7)	1 649.40	-51.30	9.44	-66.20	2.02	V	-58.78	1	3
		-50.24		-65.14		H	-57.72		
	2 474.10	-50.71	10.34	-62.04	2.57	V	-54.27		
		-51.15		-62.48		H	-54.71		
	3 298.80	-53.24	11.09	-61.56	2.96	V	-53.43		
		-53.23		-61.55		H	-53.42		
	4 123.50	-52.84	11.66	-59.11	3.32	V	-50.77		
		-53.31		-59.58		H	-51.24		
	4 948.20	-54.58	11.28	-56.34	3.69	V	-48.75		
		-55.60		-57.36		H	-49.77		
26915 (836.5)	1 673.00	-41.57	9.60	-56.71	2.05	V	-49.16	1	3
		-41.03		-56.17		H	-48.62		
	2 509.50	-51.18	10.26	-62.53	2.51	V	-54.78		
		-51.58		-62.93		H	-55.18		
	3 346.00	-53.30	11.10	-61.86	2.96	V	-53.72		
		-53.90		-62.46		H	-54.32		
	4 182.50	-54.51	11.72	-60.15	3.40	V	-51.83		
		-53.66		-59.30		H	-50.98		
	5 019.00	-54.40	11.15	-55.58	3.69	V	-48.12		
		-54.95		-56.13		H	-48.67		
27033 (848.3)	1 696.60	-24.60	9.73	-39.92	2.07	V	-32.26	1	0
		-24.05		-39.37		H	-31.71		
	2 544.90	-51.32	10.25	-62.53	2.53	V	-54.81		
		-52.61		-63.82		H	-56.10		
	3 393.20	-52.97	11.20	-61.86	2.98	V	-53.64		
		-52.92		-61.81		H	-53.59		
	4 241.50	-53.64	11.69	-59.61	3.35	V	-51.27		
		-53.72		-59.69		H	-51.35		
	5 089.80	-54.83	11.16	-56.59	3.78	V	-49.21		
		-55.29		-57.05		H	-49.67		

8.3 PEAK-TO-AVERAGE RATIO

Band	Band Width	Frequency (MHz)	Modulation	Resource Block Size	Resource Block Offset	Data (dB)	Limit (dB)
LTE B26/5	1.4 MHz	836.5	QPSK	6	0	5.93	13.00
			16-QAM			6.50	
			64-QAM			6.69	
			256-QAM			6.69	
	3 MHz		QPSK	15		5.51	
			16-QAM			6.38	
			64-QAM			6.69	
			256-QAM			6.68	
	5 MHz		QPSK	25		5.56	
			16-QAM			6.37	
			64-QAM			6.64	
			256-QAM			6.67	
	10 MHz		QPSK	50		5.57	
			16-QAM			6.34	
			64-QAM			6.62	
			256-QAM			6.61	
LTE B26	15 MHz	QPSK	75	5.51			
		16-QAM		6.33			
		64-QAM		6.61			
		256-QAM		6.62			

8.4 OCCUPIED BANDWIDTH

Band	Band Width	Frequency (MHz)	Modulation	Resource Block Size	Resource Block Offset	Data (MHz)
LTE B26/5	1.4 MHz	836.5	QPSK	6	0	1.0990
			16-QAM			1.0972
			64-QAM			1.1026
			256-QAM			1.0992
	3 MHz		QPSK	15		2.7193
			16-QAM			2.7066
			64-QAM			2.7071
			256-QAM			2.7063
	5 MHz		QPSK	25		4.5224
			16-QAM			4.5091
			64-QAM			4.5132
			256-QAM			4.5019
	10 MHz		QPSK	50		8.9962
			16-QAM			8.9925
			64-QAM			8.9777
			256-QAM			8.9661
LTE B26	15 MHz	QPSK	75	13.438		
		16-QAM		13.440		
		64-QAM		13.479		
		256-QAM		13.457		

8.5 CONDUCTED SPURIOUS EMISSIONS

Band	Band Width (MHz)	Frequency (MHz)	Frequency of Maximum Harmonic (GHz)	Factor (dB)	Measurement Maximum Data (dBm)	Result (dBm)	Limit (dBm)
LTE B26/5	1.4	824.7	3.2703	27.976	-64.269	-36.293	-13.00
		836.5	3.7089	27.976	-64.212	-36.236	
		848.3	7.2583	28.591	-63.597	-35.006	
	3	826.5	3.6990	27.976	-63.815	-35.839	
		836.5	2.3331	27.976	-64.667	-36.691	
		846.5	3.6890	27.976	-64.394	-36.418	
	5	826.5	2.7020	27.976	-62.965	-34.989	
		836.5	3.6890	27.976	-63.873	-35.897	
		846.5	3.6691	27.976	-63.094	-35.118	
	10	829.0	6.2413	28.591	-64.335	-35.744	
		836.5	6.9492	28.591	-64.510	-35.919	
		844.0	6.2513	28.591	-64.077	-35.486	
LTE B26	15	831.5	3.2005	27.976	-63.959	-35.983	
		836.5	3.7289	27.976	-64.727	-36.751	
		841.5	2.5524	27.976	-64.023	-36.047	

Note:

- Conducted Spurious Emissions was tested QPSK Modulation, Resource Block Size 1 and Resource Block Offset 0
- Result (dBm) = Measurement Maximum Data (dBm) + Factor (dB)
- Factor (dB) = Cable Loss + Ext. Attenuator + Power Splitter

Frequency Range (GHz)	Factor [dB]
0.03 – 1	25.270
1 – 5	27.976
5 – 10	28.591
10 – 15	29.116
15 – 20	29.489
Above 20(26.5)	30.131

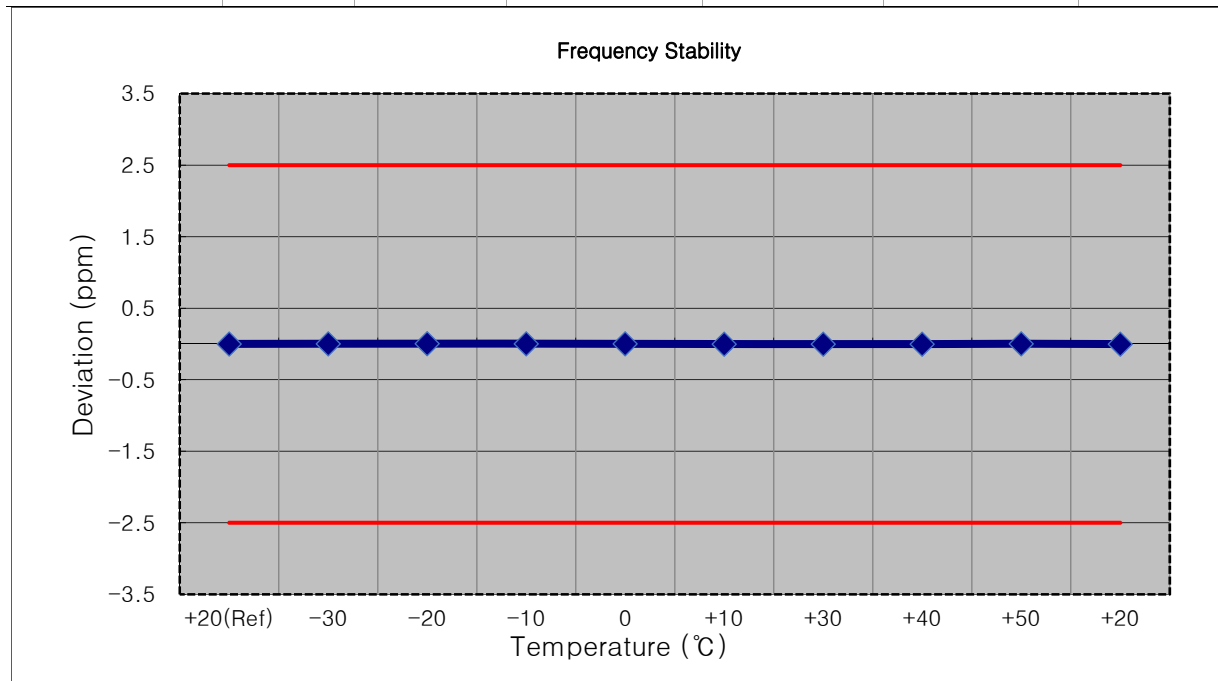
8.6 BAND EDGE

- Plots of the EUT's Band Edge are shown Section 9.4.

8.7 FREQUENCY STABILITY / VARIATION OF AMBIENT TEMPERATURE

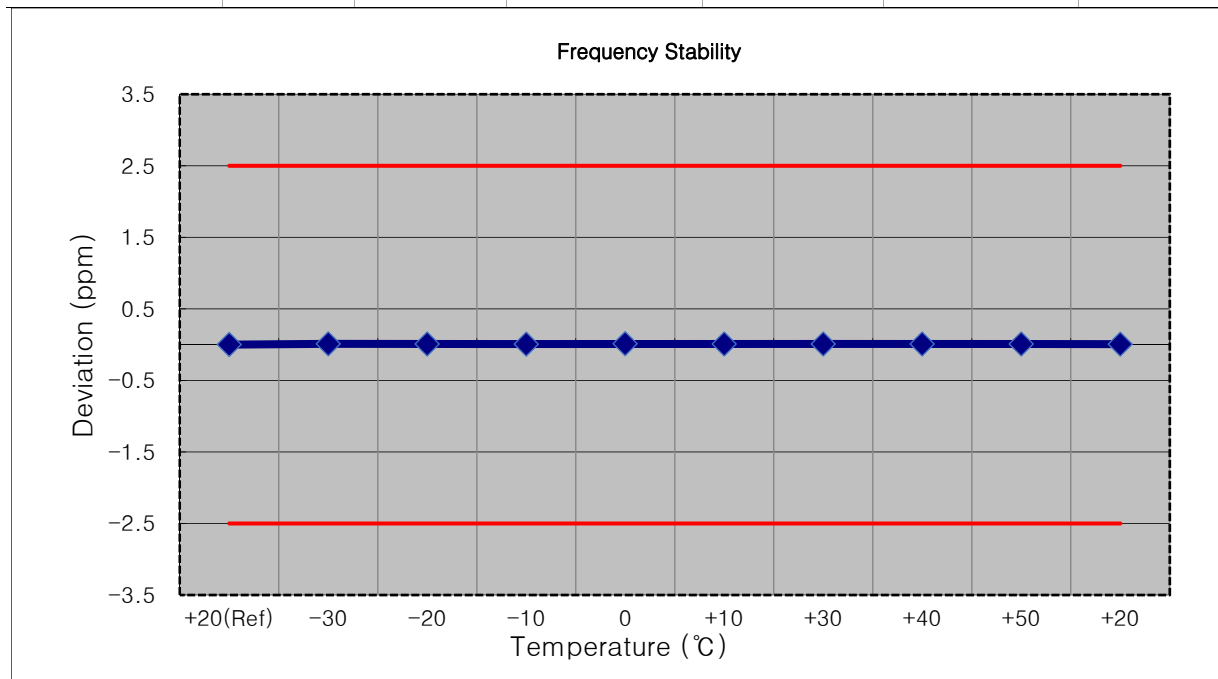
MODE:	<u>LTE B26/B5</u>
OPERATING FREQUENCY:	<u>836,500,000 Hz</u>
CHANNEL:	<u>26915 (1.4 MHz)</u>
REFERENCE VOLTAGE:	<u>3.880 VDC</u>
DEVIATION LIMIT:	<u>± 0.000 25 % or 2.5 ppm</u>

Voltage (%)	Power (VDC)	Temp. (°C)	Frequency (Hz)	Frequency Error (Hz)	Deviation (%)	ppm
100 %	3.880	+20(Ref)	836 500 001	0.0	0.000 000	0.000
100 %		-30	836 500 004	2.7	0.000 000	0.003
100 %		-20	836 500 004	2.8	0.000 000	0.003
100 %		-10	836 500 003	2.2	0.000 000	0.003
100 %		0	836 500 003	1.6	0.000 000	0.002
100 %		+10	836 500 000	-1.5	0.000 000	-0.002
100 %		+30	836 499 999	-1.6	0.000 000	-0.002
100 %		+40	836 499 999	-2.5	0.000 000	-0.003
100 %		+50	836 500 002	1.2	0.000 000	0.001
Batt. Endpoint	3.300	+20	836 499 999	-1.8	0.000 000	-0.002



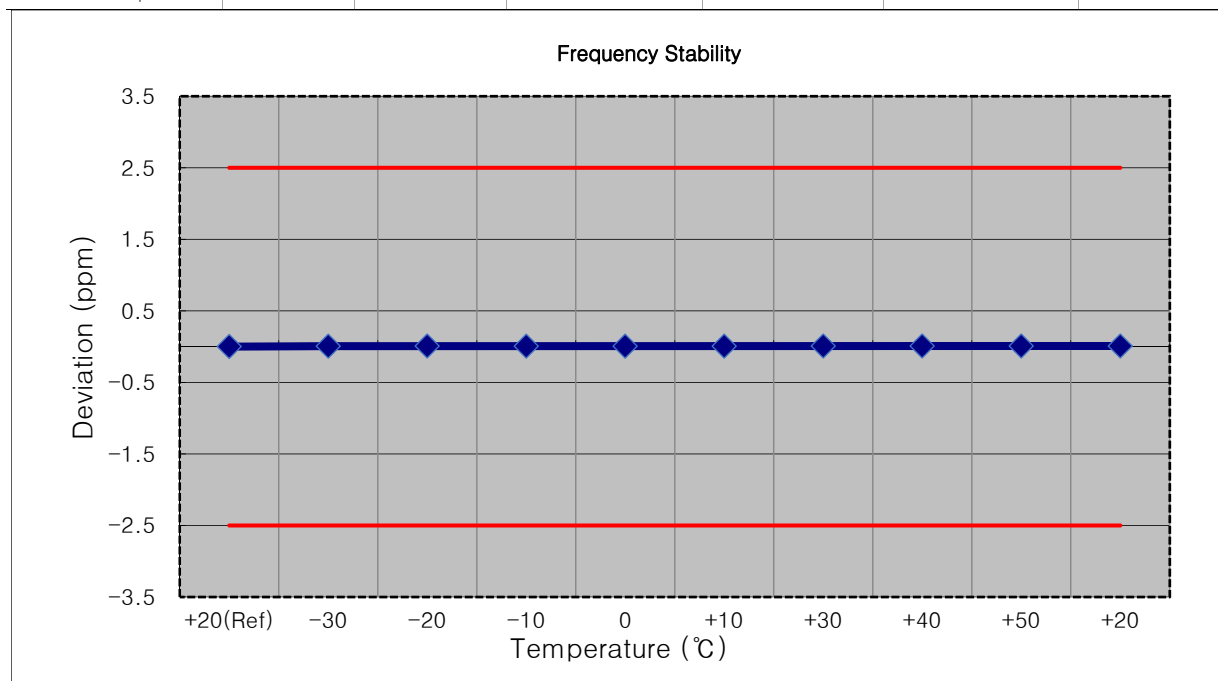
MODE:	<u>LTE B26/B5</u>
OPERATING FREQUENCY:	<u>836,500,000 Hz</u>
CHANNEL:	<u>26915 (3 MHz)</u>
REFERENCE VOLTAGE:	<u>3.880 VDC</u>
DEVIATION LIMIT:	<u>± 0.000 25 % or 2.5 ppm</u>

Voltage	Power	Temp.	Frequency	Frequency	Deviation	ppm
(%)	(VDC)	(°C)	(Hz)	Error (Hz)	(%)	
100 %	3.880	+20(Ref)	836 500 006	0.0	0.000 000	0.000
100 %		-30	836 500 014	7.6	0.000 001	0.009
100 %		-20	836 500 012	5.4	0.000 001	0.006
100 %		-10	836 500 011	4.7	0.000 001	0.006
100 %		0	836 500 015	9.0	0.000 001	0.011
100 %		+10	836 500 013	6.7	0.000 001	0.008
100 %		+30	836 500 012	6.0	0.000 001	0.007
100 %		+40	836 500 013	6.8	0.000 001	0.008
100 %		+50	836 500 013	6.1	0.000 001	0.007
Batt. Endpoint	3.300	+20	836 500 011	4.8	0.000 001	0.006



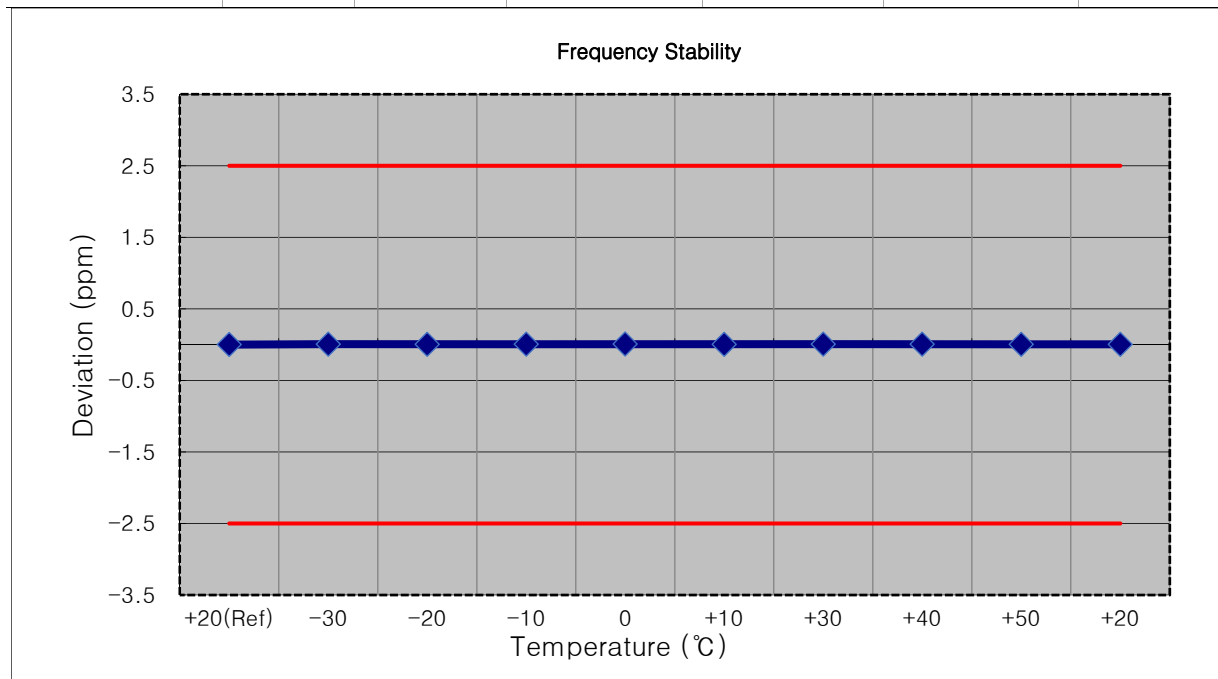
MODE:	<u>LTE B26/B5</u>
OPERATING FREQUENCY:	<u>836,500,000 Hz</u>
CHANNEL:	<u>26915 (5 MHz)</u>
REFERENCE VOLTAGE:	<u>3.880 VDC</u>
DEVIATION LIMIT:	<u>± 0.000 25 % or 2.5 ppm</u>

Voltage	Power	Temp.	Frequency	Frequency	Deviation	ppm
(%)	(VDC)	(°C)	(Hz)	Error (Hz)	(%)	
100 %	3.880	+20(Ref)	836 500 006	0.0	0.000 000	0.000
100 %		-30	836 500 010	4.6	0.000 001	0.005
100 %		-20	836 500 012	5.9	0.000 001	0.007
100 %		-10	836 500 010	4.3	0.000 001	0.005
100 %		0	836 500 010	4.3	0.000 001	0.005
100 %		+10	836 500 011	5.2	0.000 001	0.006
100 %		+30	836 500 012	6.1	0.000 001	0.007
100 %		+40	836 500 012	6.1	0.000 001	0.007
100 %		+50	836 500 012	5.9	0.000 001	0.007
Batt. Endpoint	3.300	+20	836 500 011	5.5	0.000 001	0.007



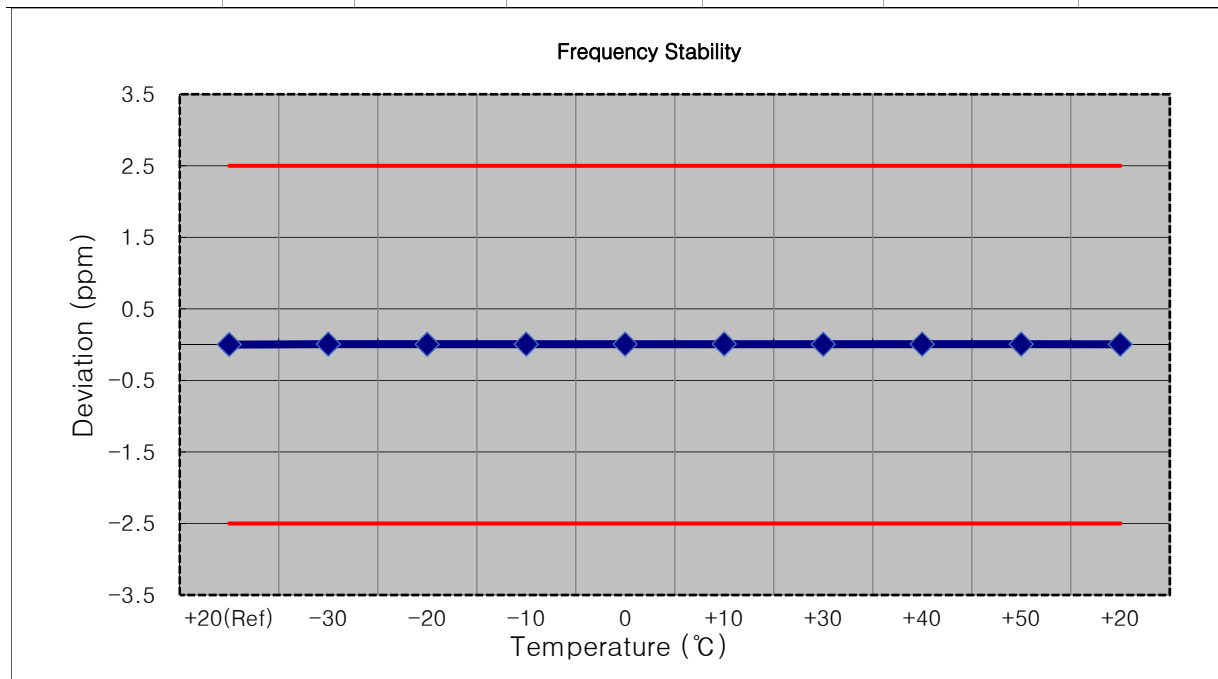
MODE: LTE B26/B5
 OPERATING FREQUENCY: 836,500,000 Hz
 CHANNEL: 26915 (10 MHz)
 REFERENCE VOLTAGE: 3.880 VDC
 DEVIATION LIMIT: $\pm 0.000\ 25\ \%$ or $2.5\ \text{ppm}$

Voltage	Power	Temp.	Frequency	Frequency	Deviation	ppm
(%)	(VDC)	(°C)	(Hz)	Error (Hz)	(%)	
100 %	3.880	+20(Ref)	836 500 004	0.0	0.000 000	0.000
100 %		-30	836 500 008	4.1	0.000 000	0.005
100 %		-20	836 500 007	3.3	0.000 000	0.004
100 %		-10	836 500 009	4.7	0.000 001	0.006
100 %		0	836 500 010	5.9	0.000 001	0.007
100 %		+10	836 500 006	2.0	0.000 000	0.002
100 %		+30	836 500 008	4.2	0.000 001	0.005
100 %		+40	836 500 009	4.8	0.000 001	0.006
100 %		+50	836 500 007	3.0	0.000 000	0.004
Batt. Endpoint	3.300	+20	836 500 006	1.9	0.000 000	0.002



MODE: LTE B26
 OPERATING FREQUENCY: 836,500,000 Hz
 CHANNEL: 26915 (15 MHz)
 REFERENCE VOLTAGE: 3.880 VDC
 DEVIATION LIMIT: $\pm 0.000\ 25\ \%$ or $2.5\ \text{ppm}$

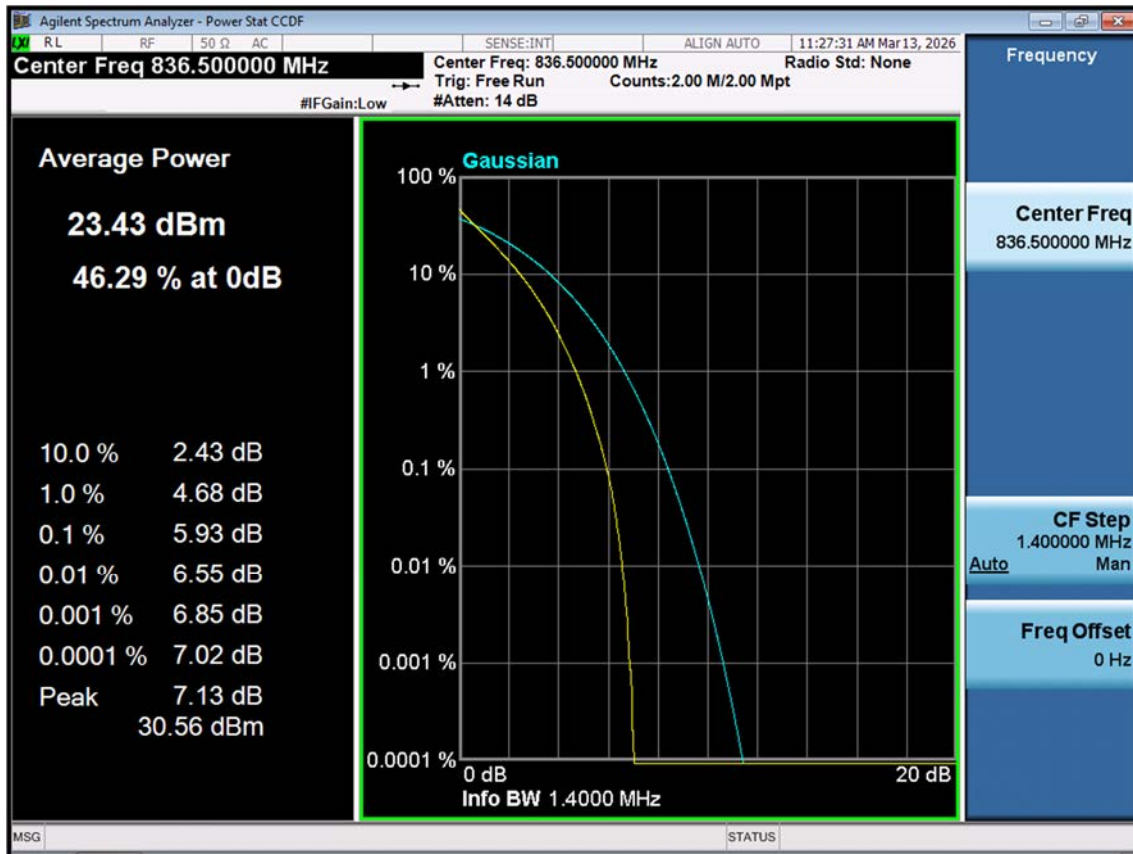
Voltage	Power	Temp.	Frequency	Frequency	Deviation	ppm
(%)	(VDC)	(°C)	(Hz)	Error (Hz)	(%)	
100 %	3.880	+20(Ref)	836 500 002	0.0	0.000 000	0.000
100 %		-30	836 500 008	3.9	0.000 000	0.005
100 %		-20	836 500 007	3.3	0.000 000	0.004
100 %		-10	836 500 008	3.9	0.000 000	0.005
100 %		0	836 500 007	3.6	0.000 000	0.004
100 %		+10	836 500 010	5.8	0.000 001	0.007
100 %		+30	836 500 007	2.8	0.000 000	0.003
100 %		+40	836 500 008	4.3	0.000 001	0.005
100 %		+50	836 500 009	4.8	0.000 001	0.006
Batt. Endpoint	3.300	+20	836 500 006	2.2	0.000 000	0.003



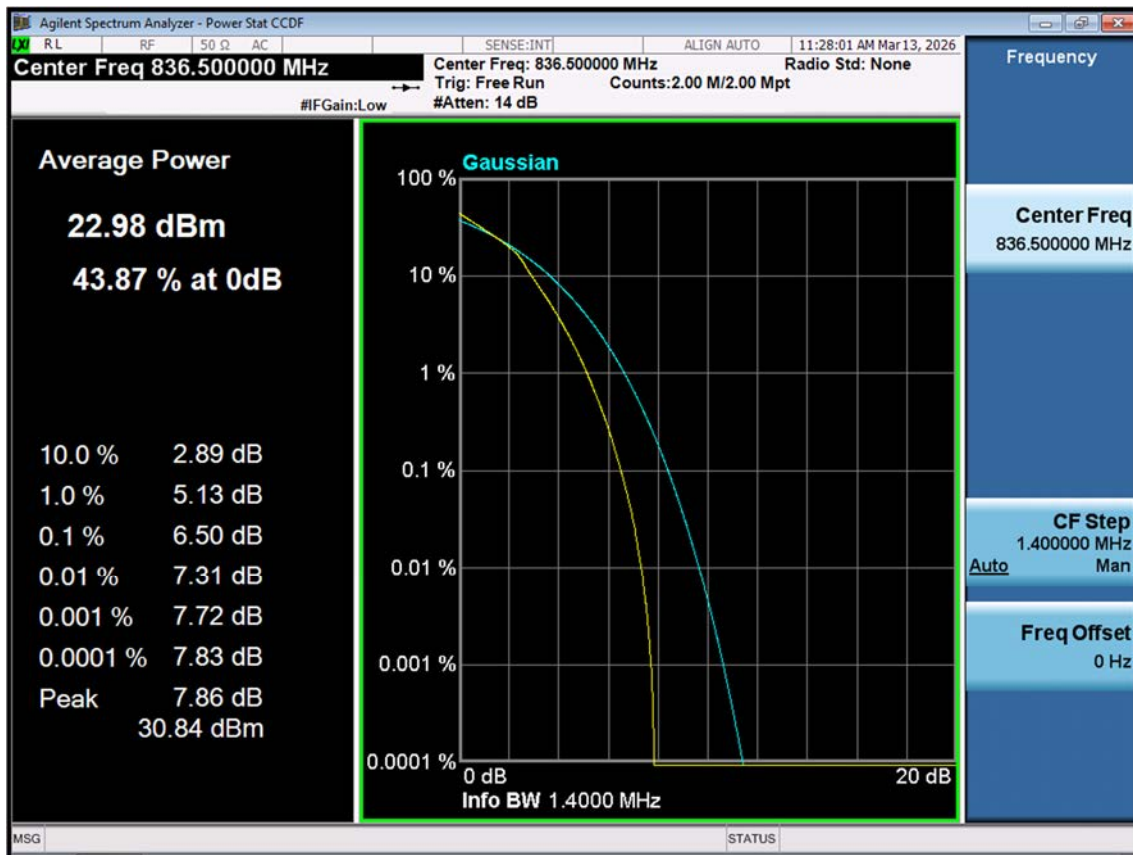
9. TEST PLOTS

9.1 PEAK-TO-AVERAGE RATIO

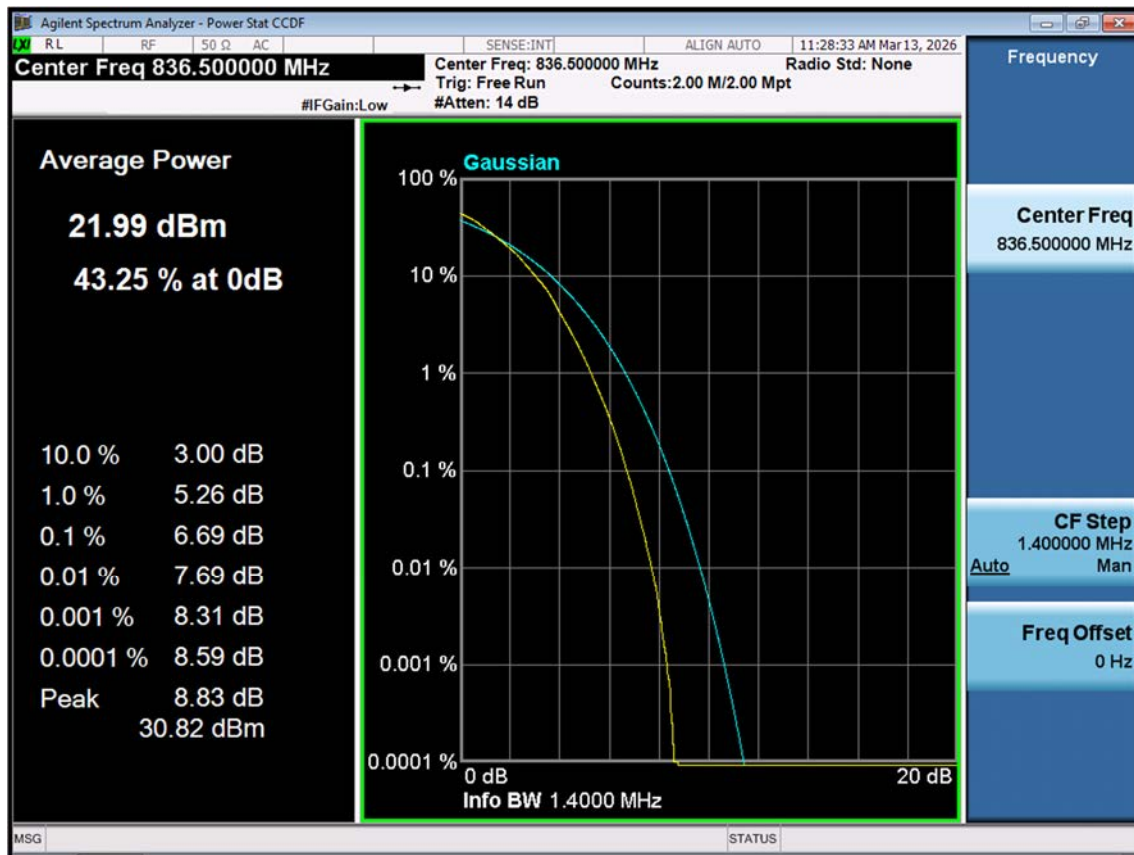
LTE B26(5)_1.4 M_PAR_Mid_QPSK_FullRB



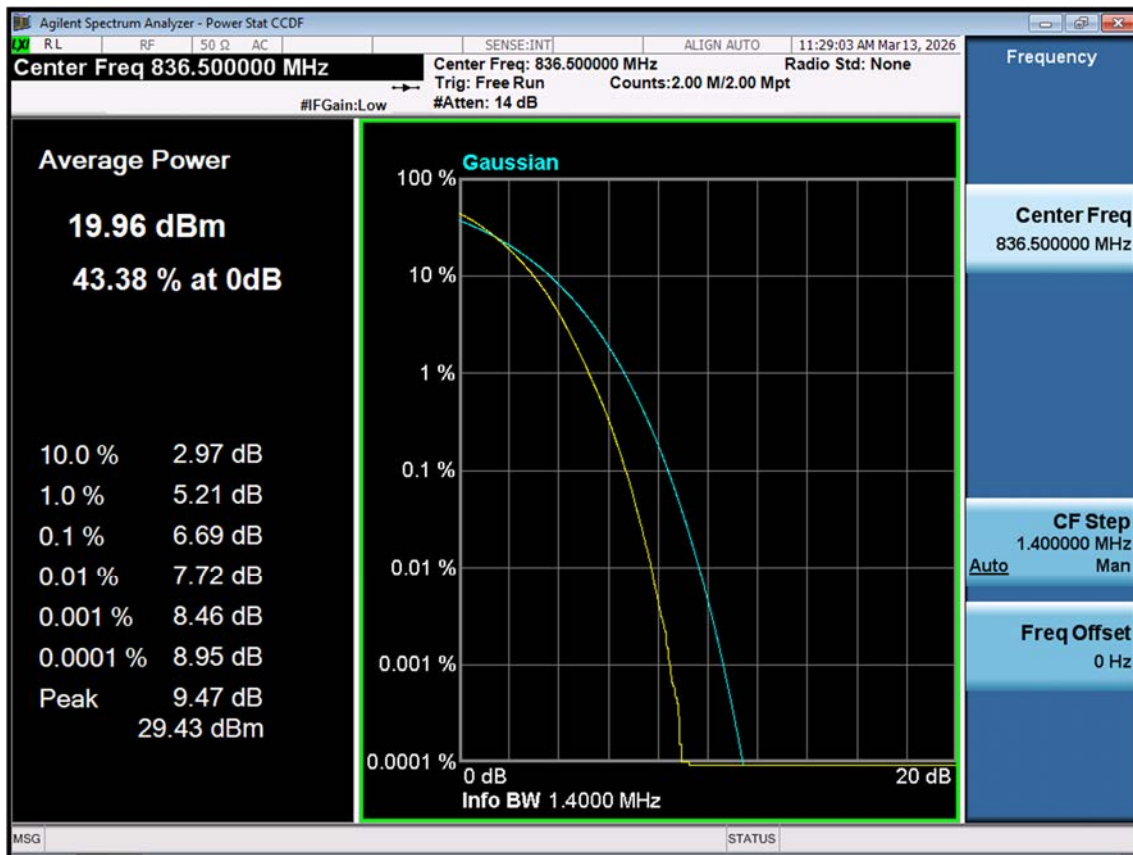
LTE B26(5)_1.4 M_PAR_Mid_16QAM_FullRB



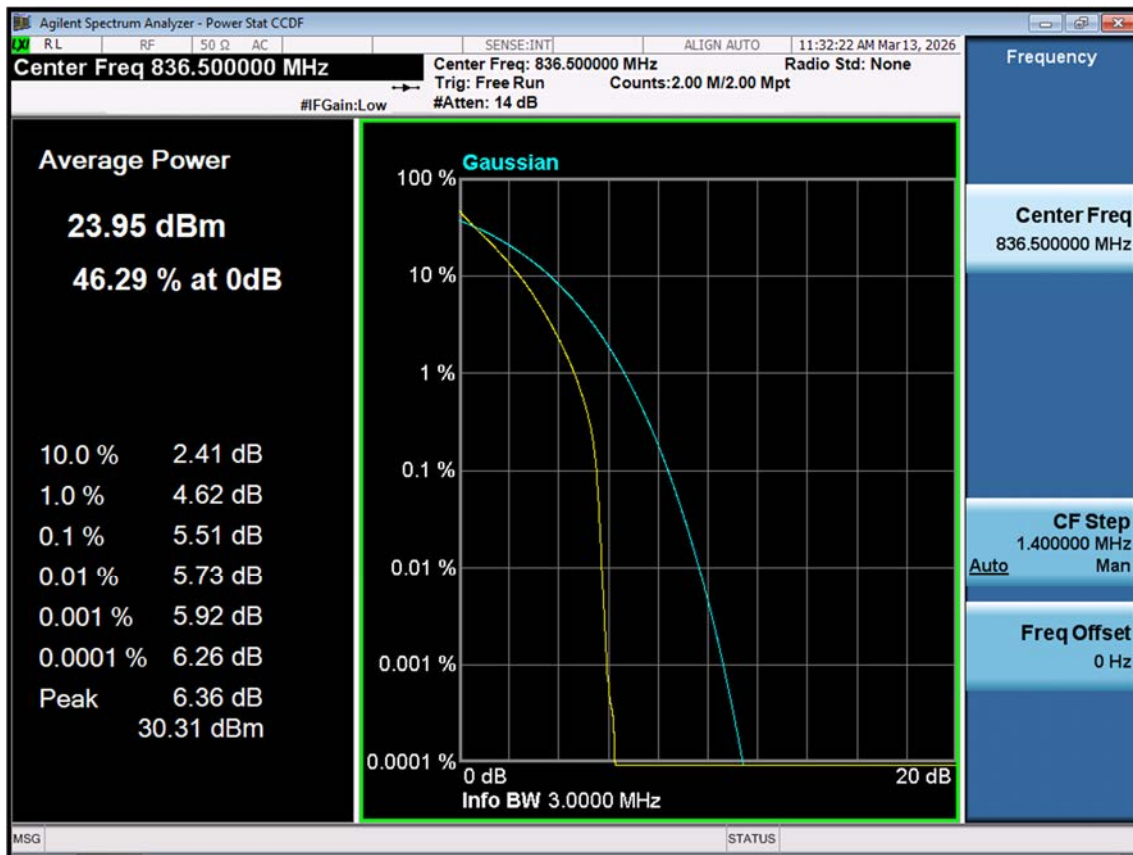
LTE B26(5)_1.4 M_PAR_Mid_64QAM_FullRB



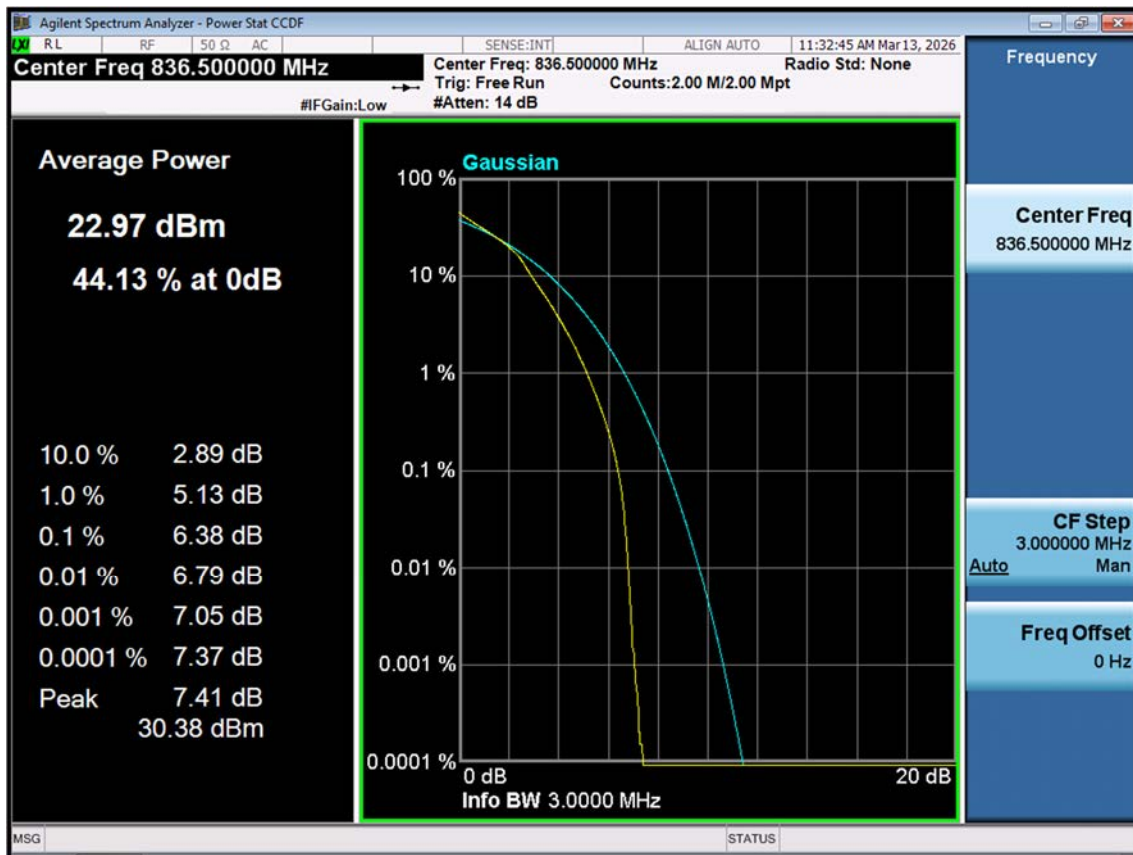
LTE B26(5)_1.4 M_PAR_Mid_256QAM_FullRB



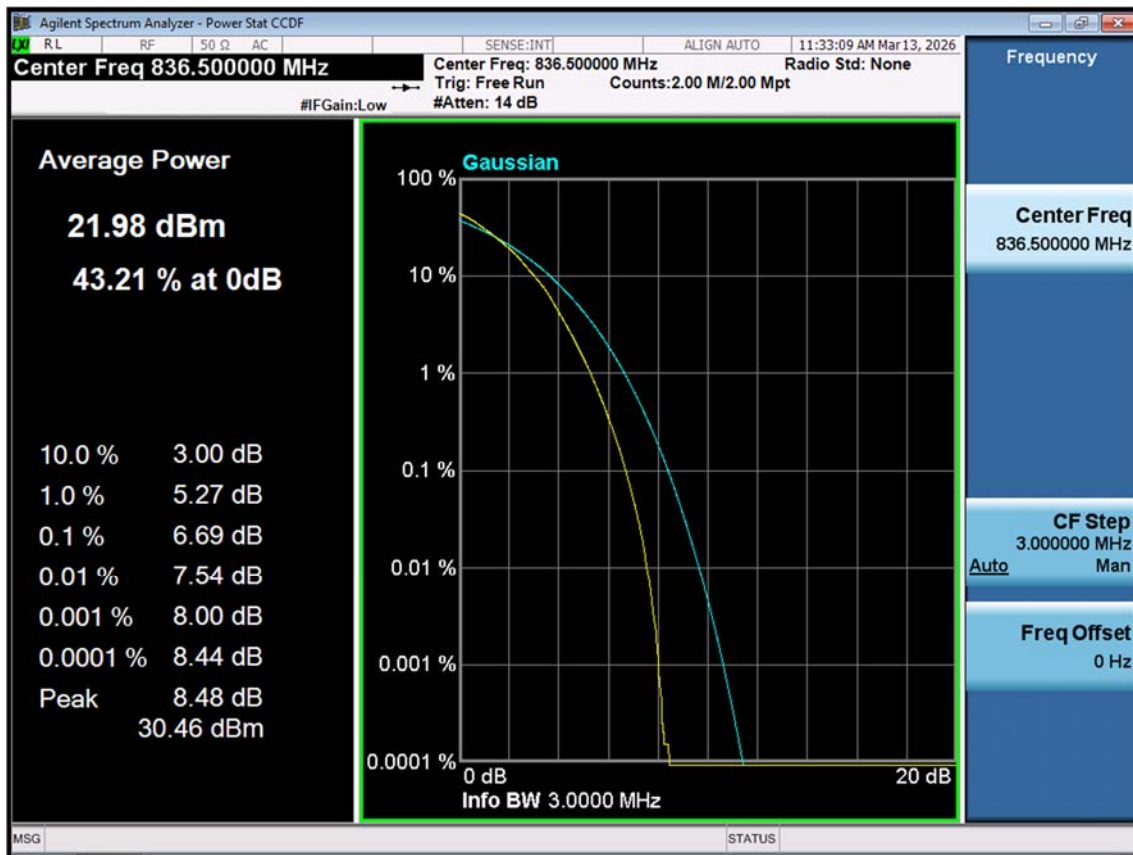
LTE B26(5)_3 M_PAR_Mid_QPSK_FullRB



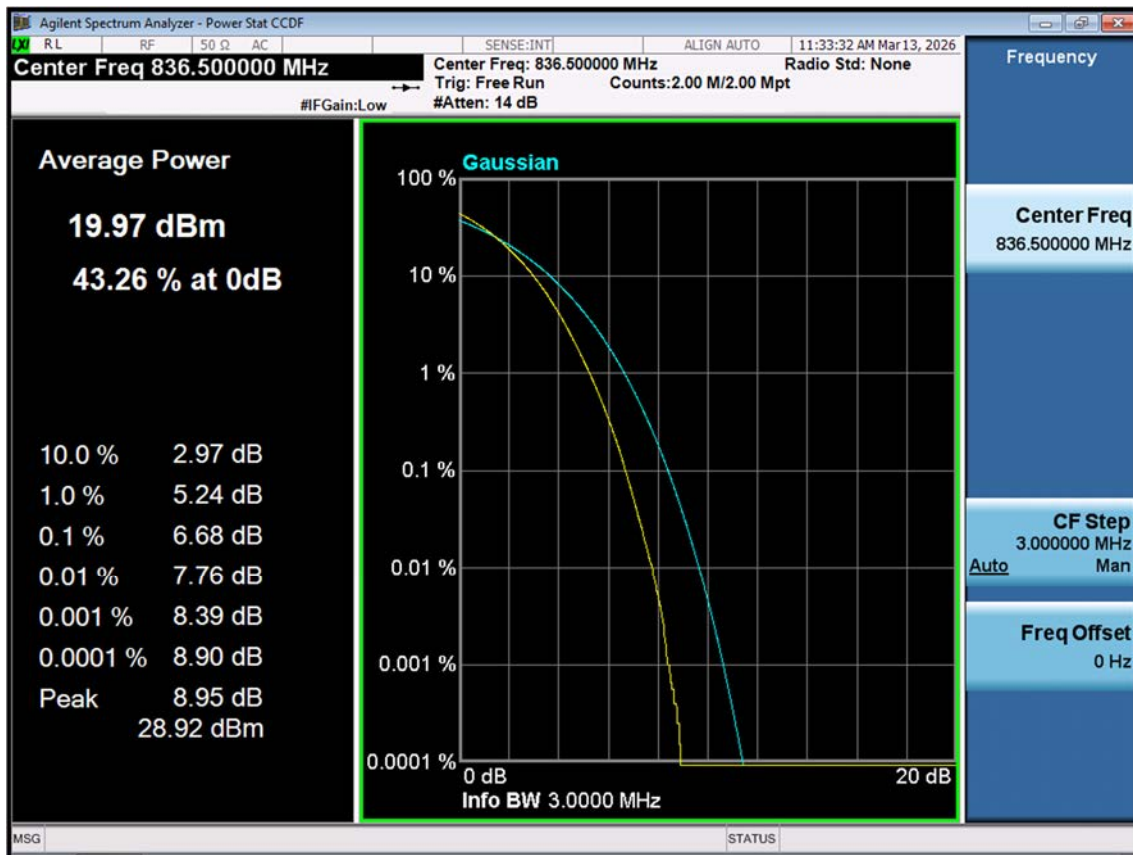
LTE B26(5)_3 M_PAR_Mid_16QAM_FullRB



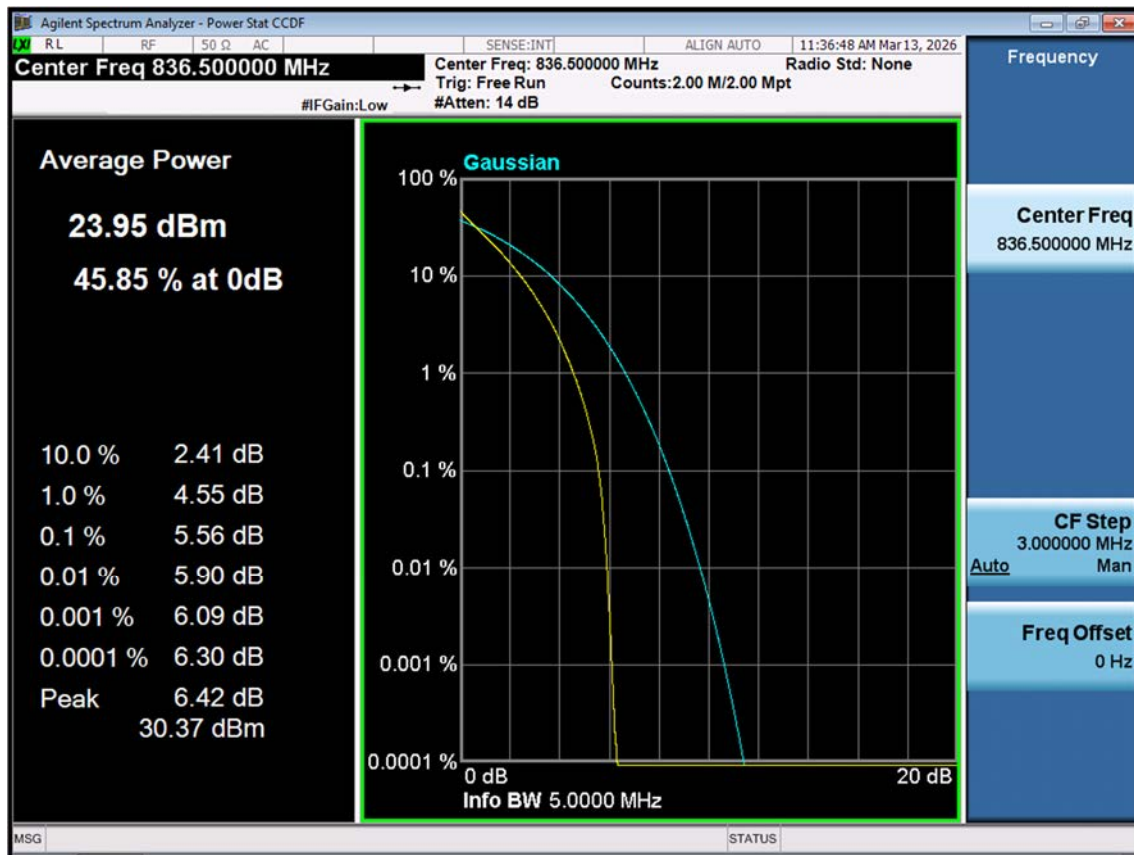
LTE B26(5)_3 M_PAR_Mid_64QAM_FullRB



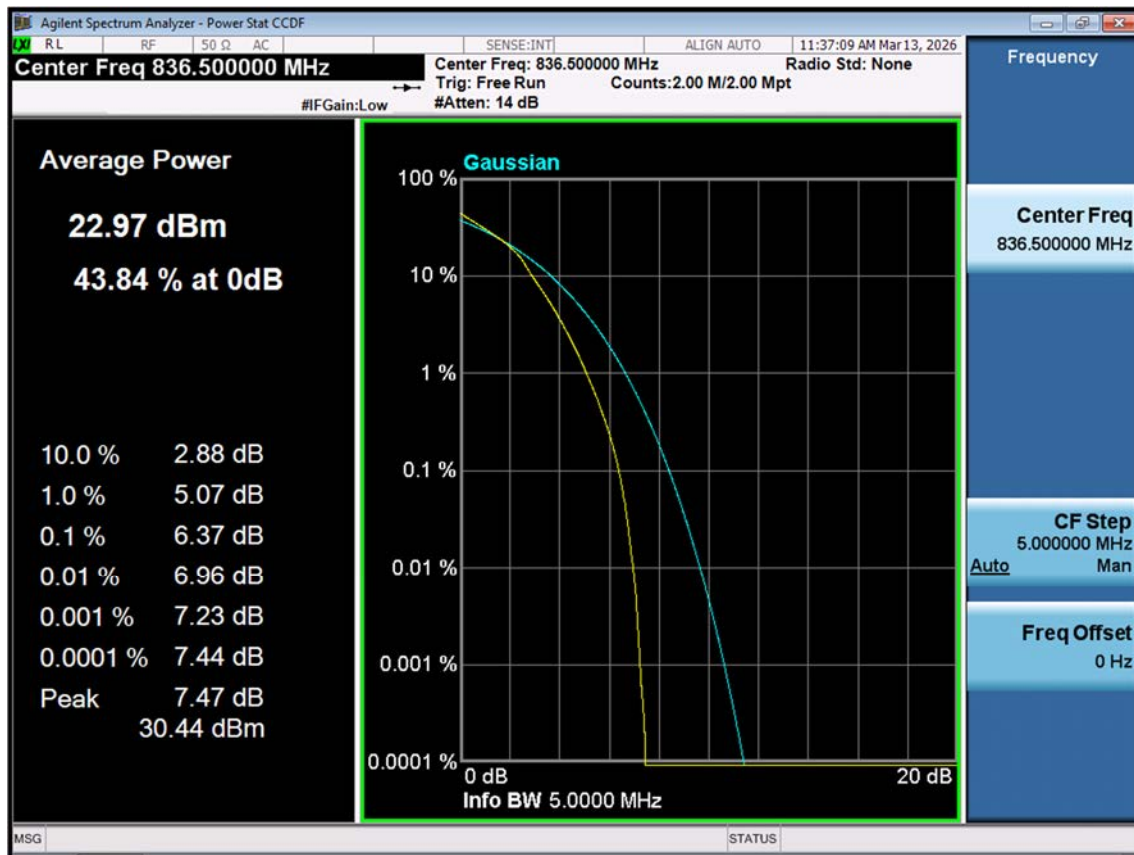
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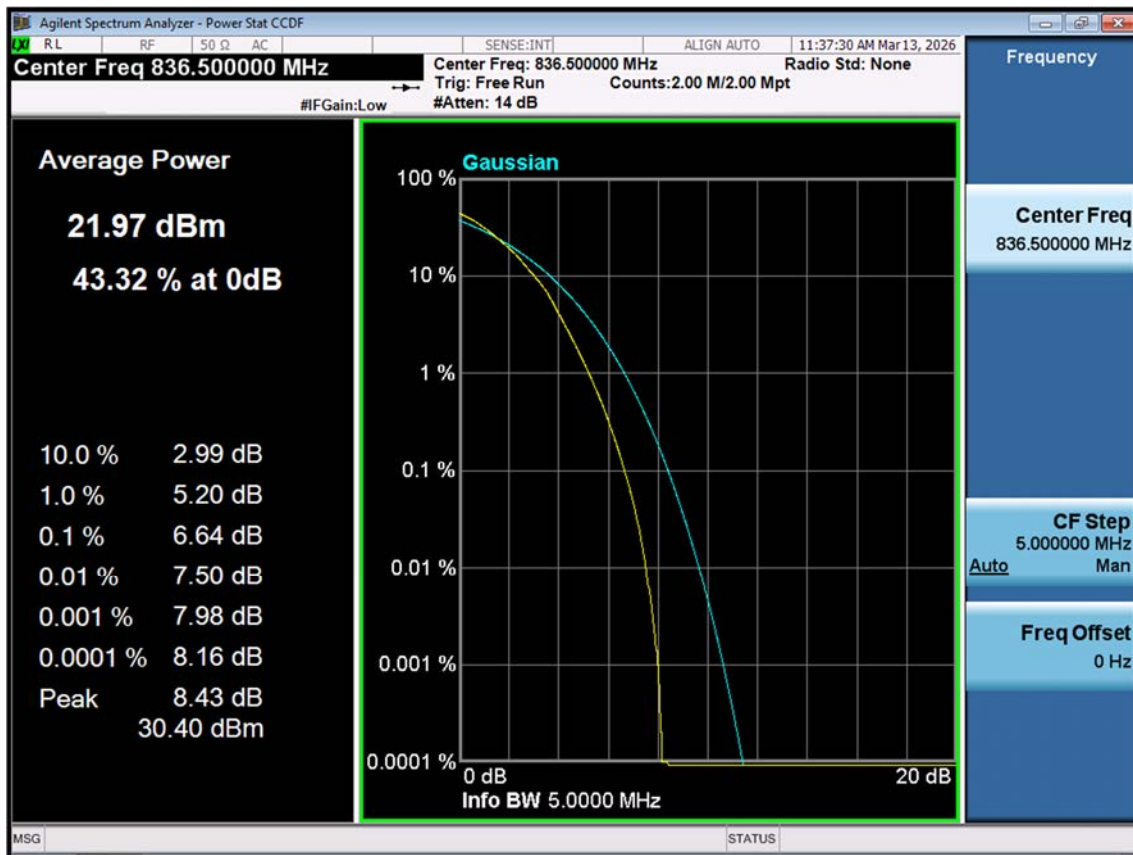
LTE B26(5)_5 M_PAR_Mid_QPSK_FullRB



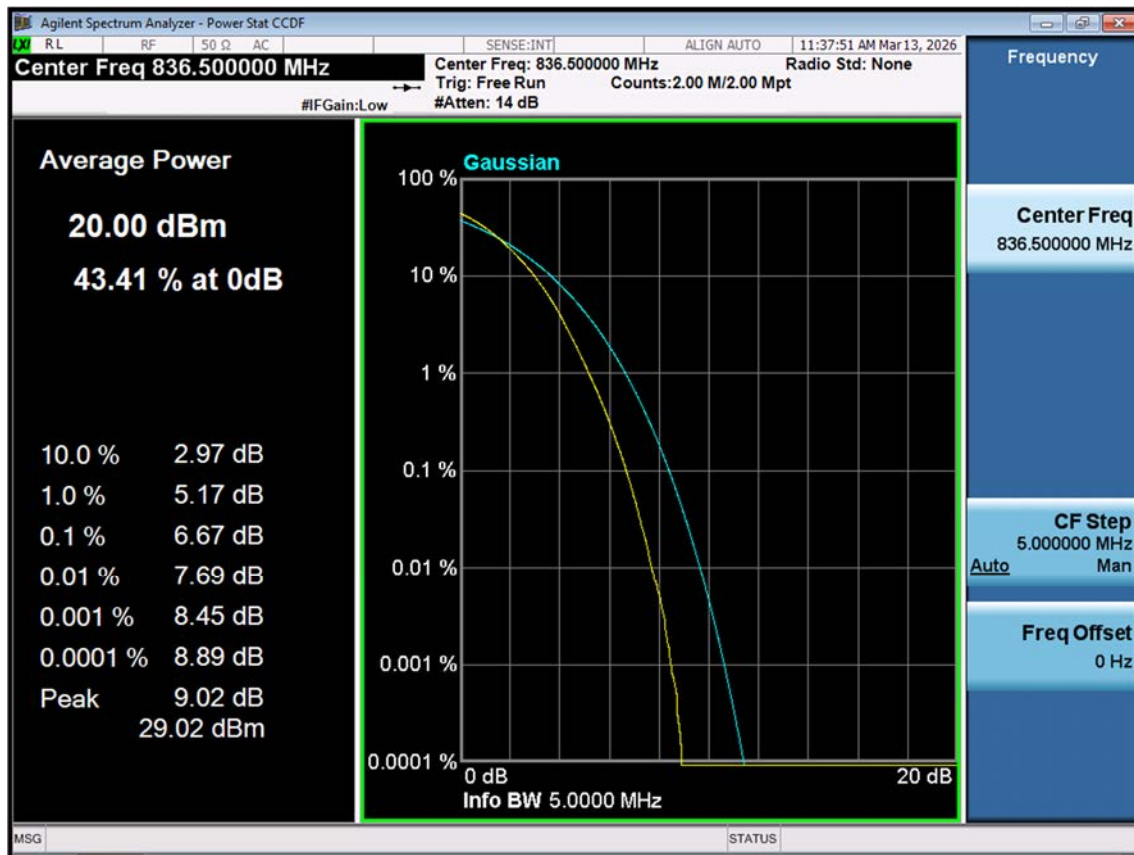
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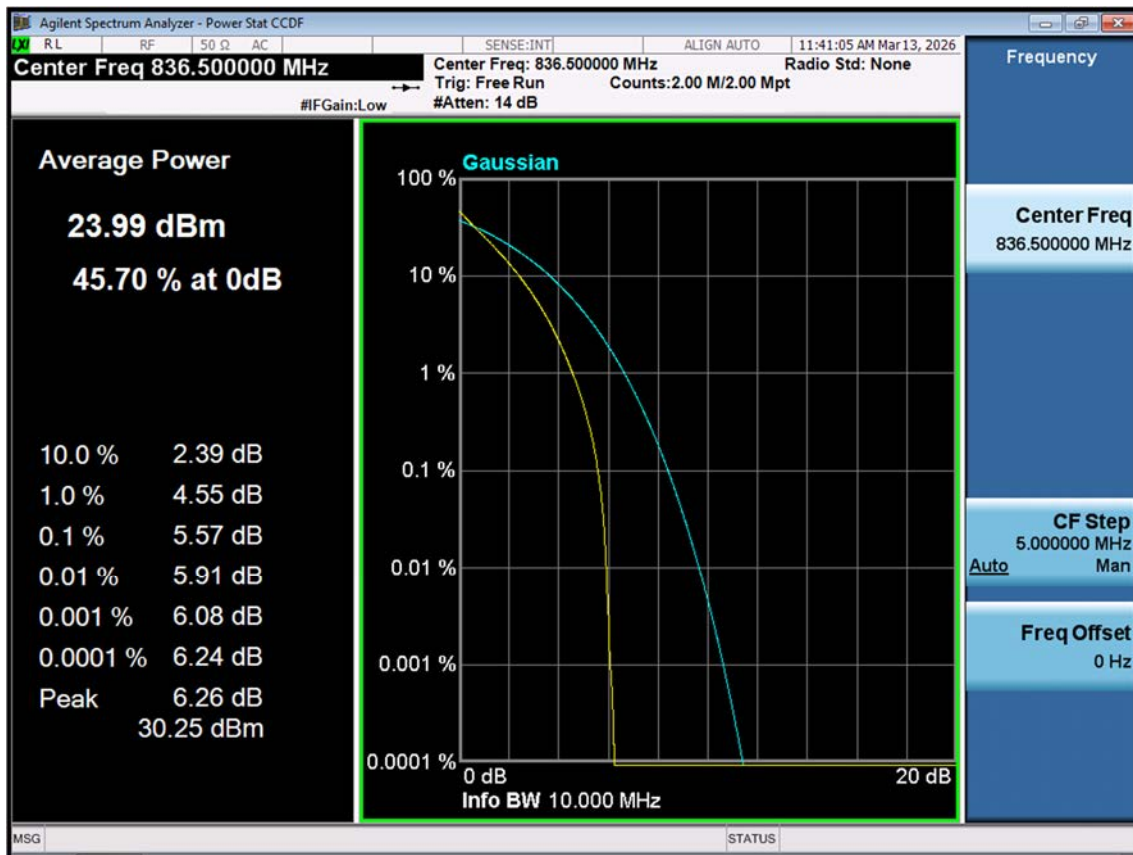
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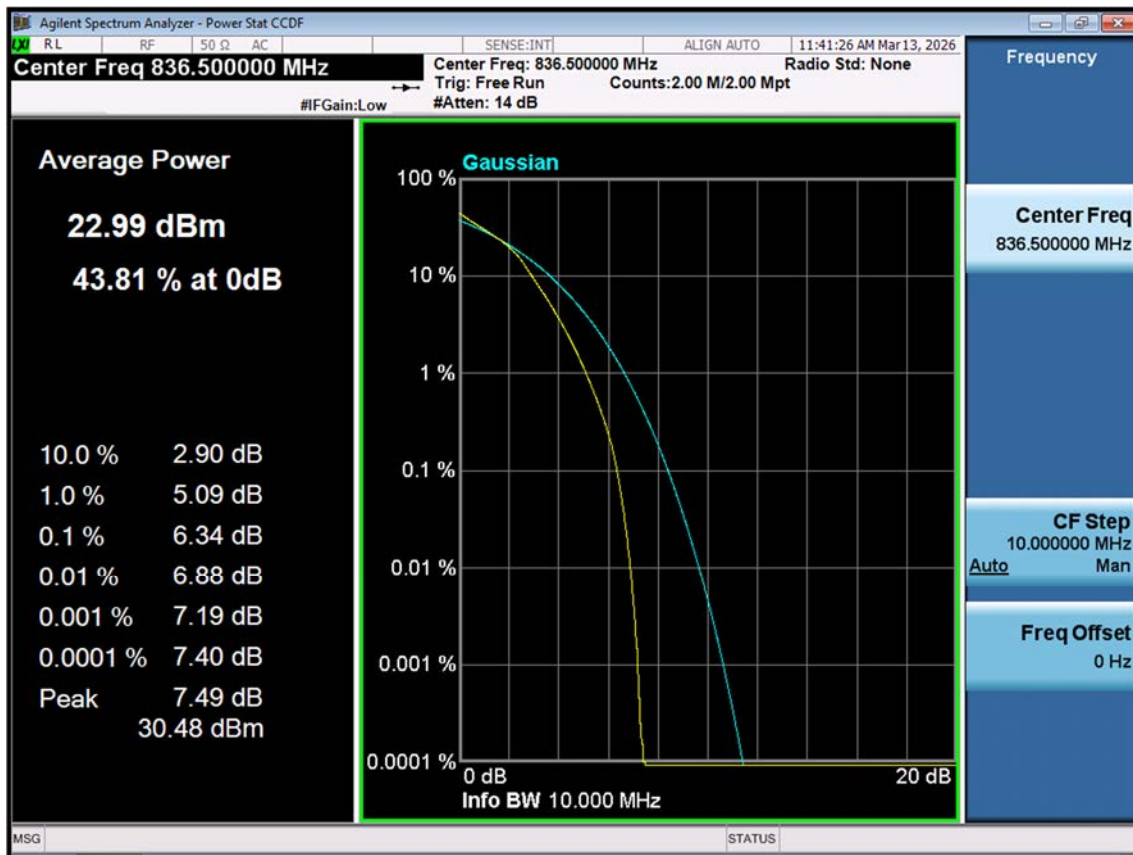
LTE B26(5)_5 M_PAR_Mid_256QAM_FullRB



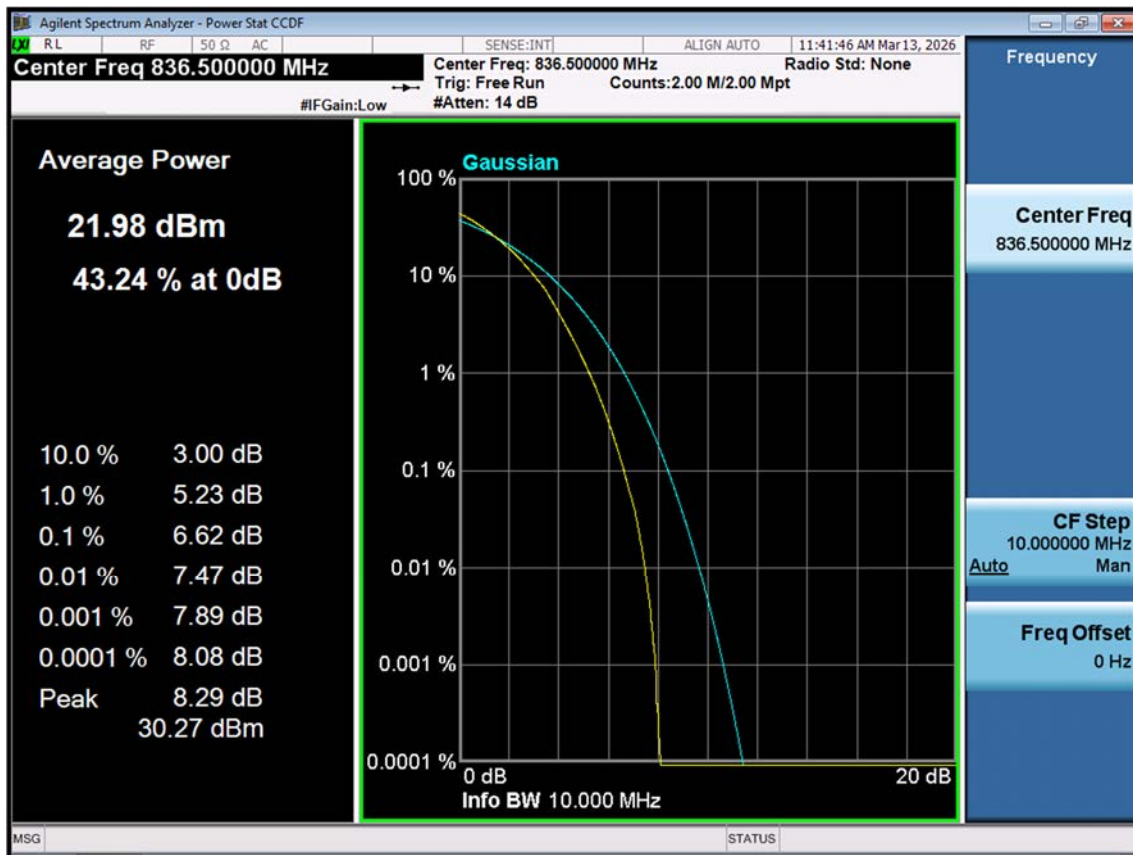
LTE B26(5)_10 M_PAR_Mid_QPSK_FullRB



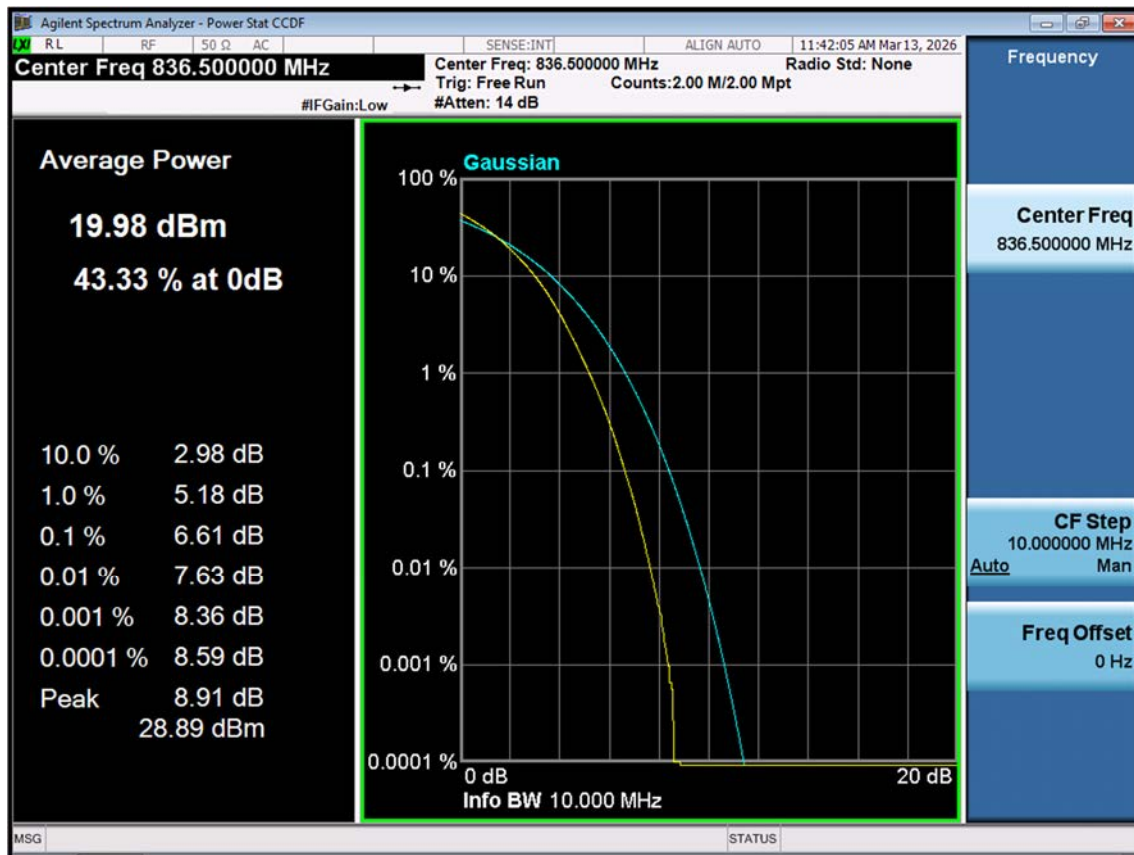
LTE B26(5)_10 M_PAR_Mid_16QAM_FullRB



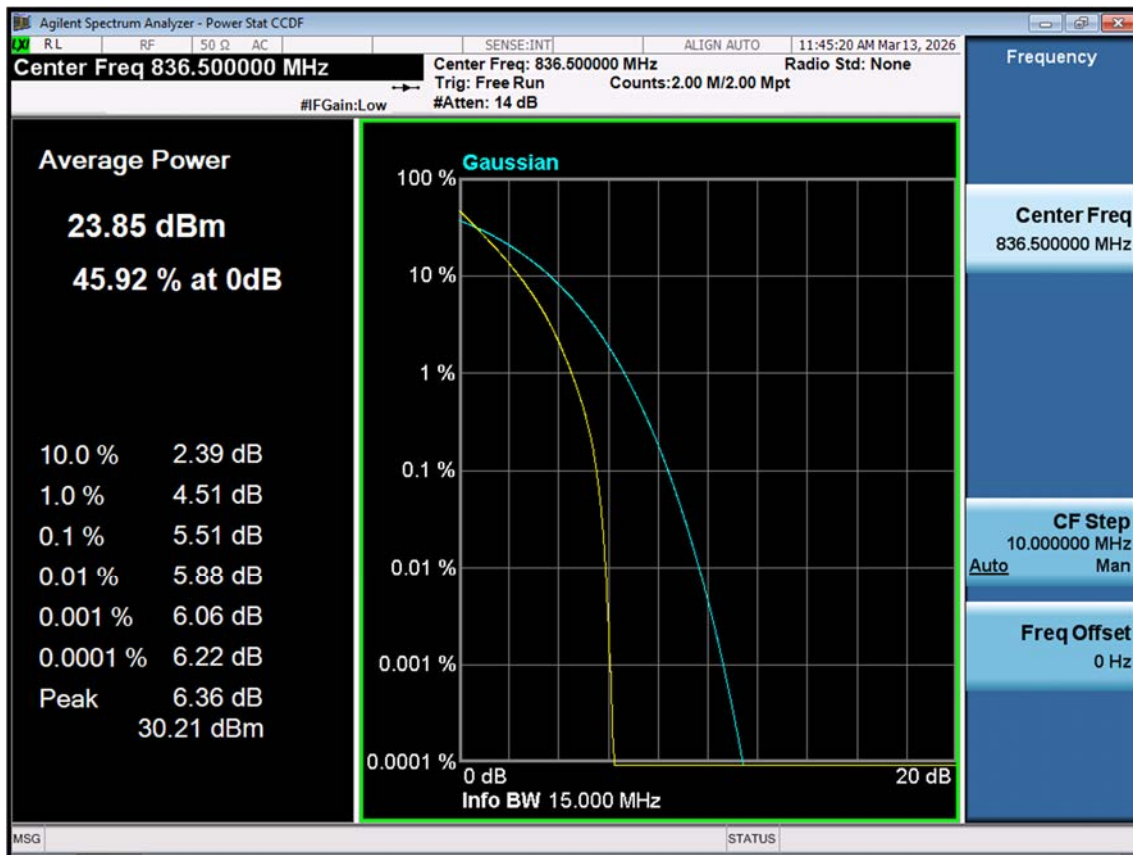
LTE B26(5)_10 M_PAR_Mid_64QAM_FullRB



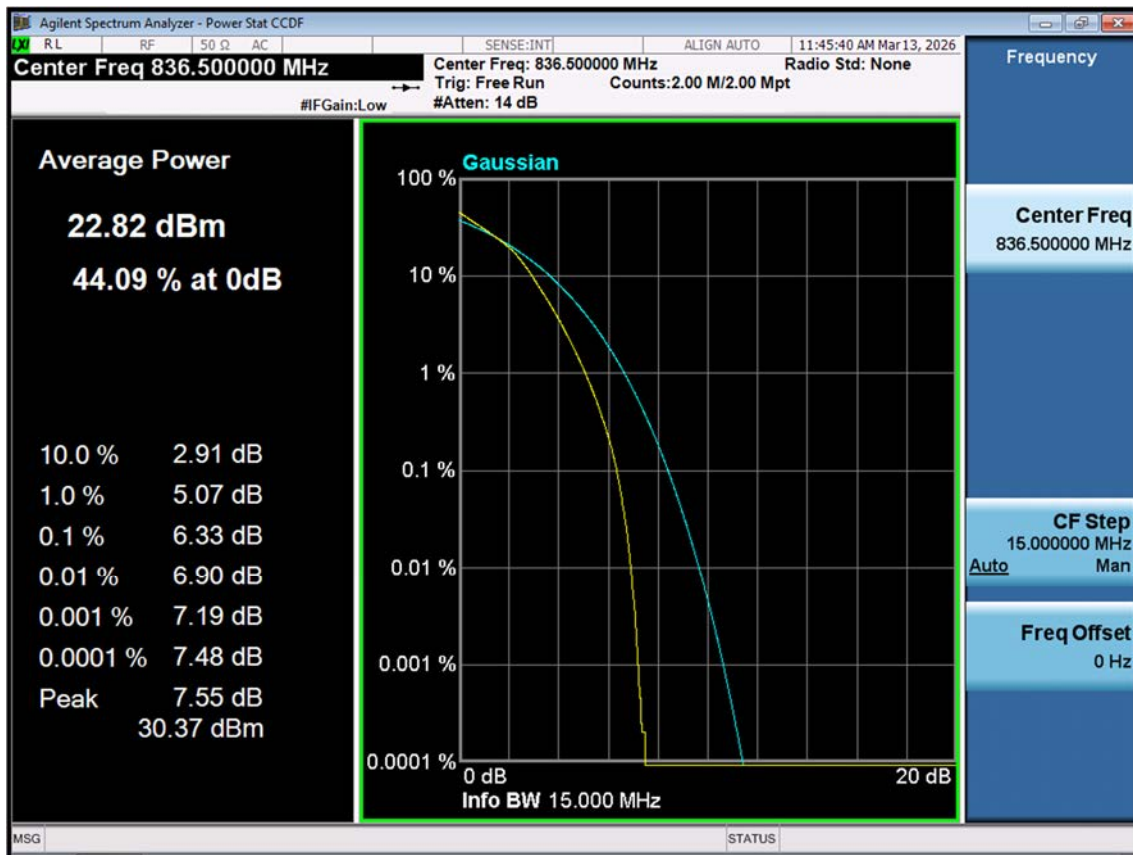
LTE B26(5)_10 M_PAR_Mid_256QAM_FullRB



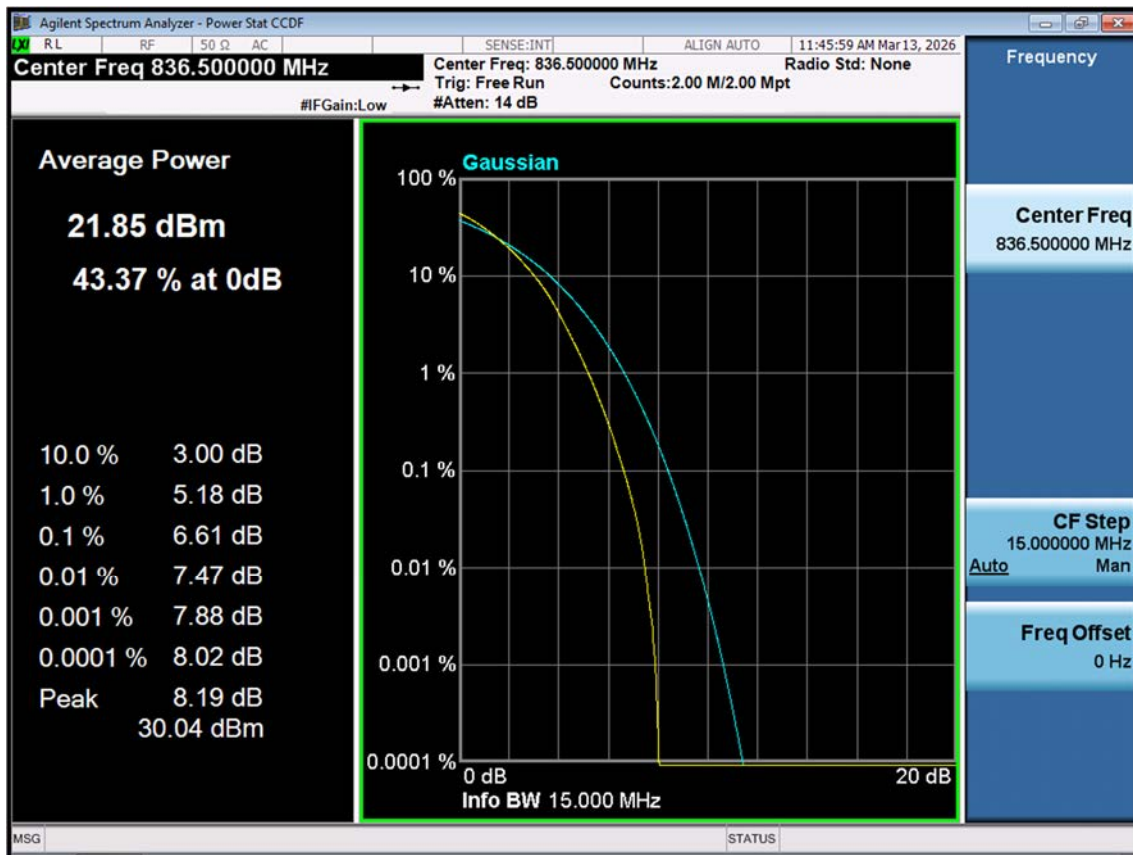
LTE B26_15 M_PAR_Mid_QPSK_FullRB



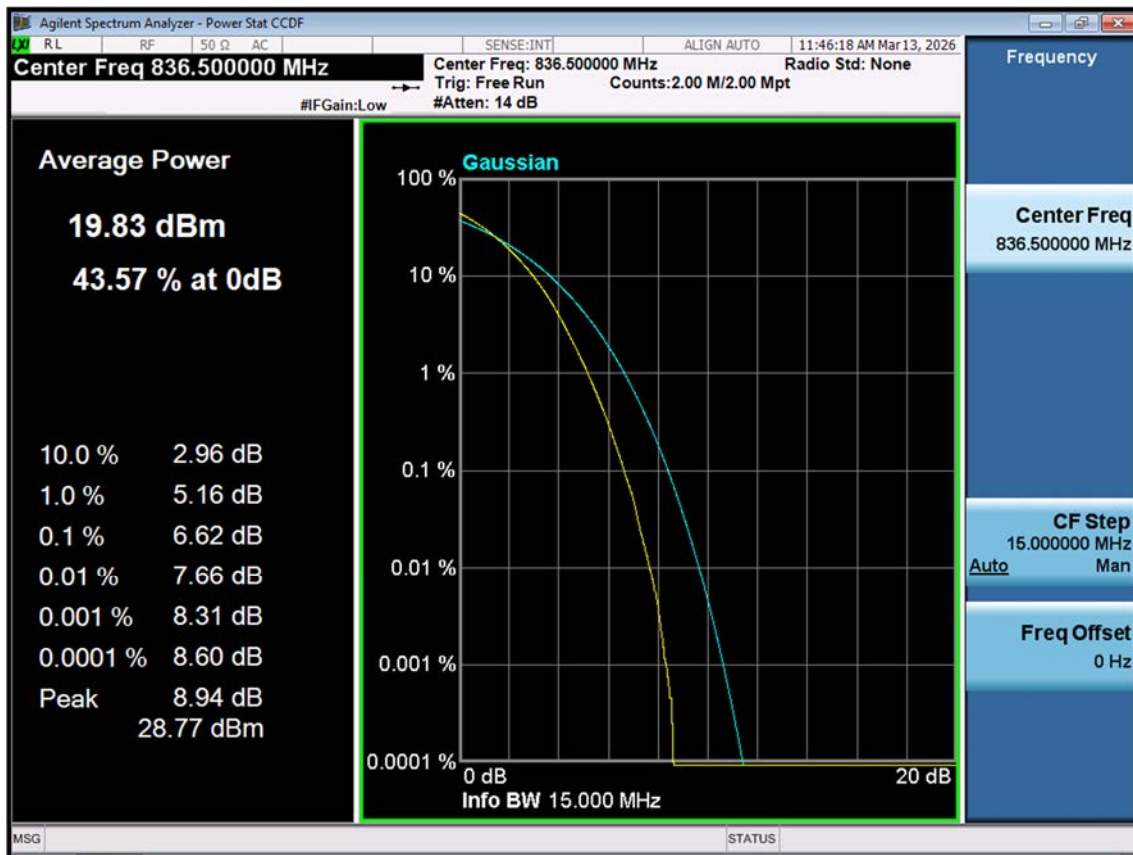
LTE B26_15 M_PAR_Mid_16QAM_FullRB



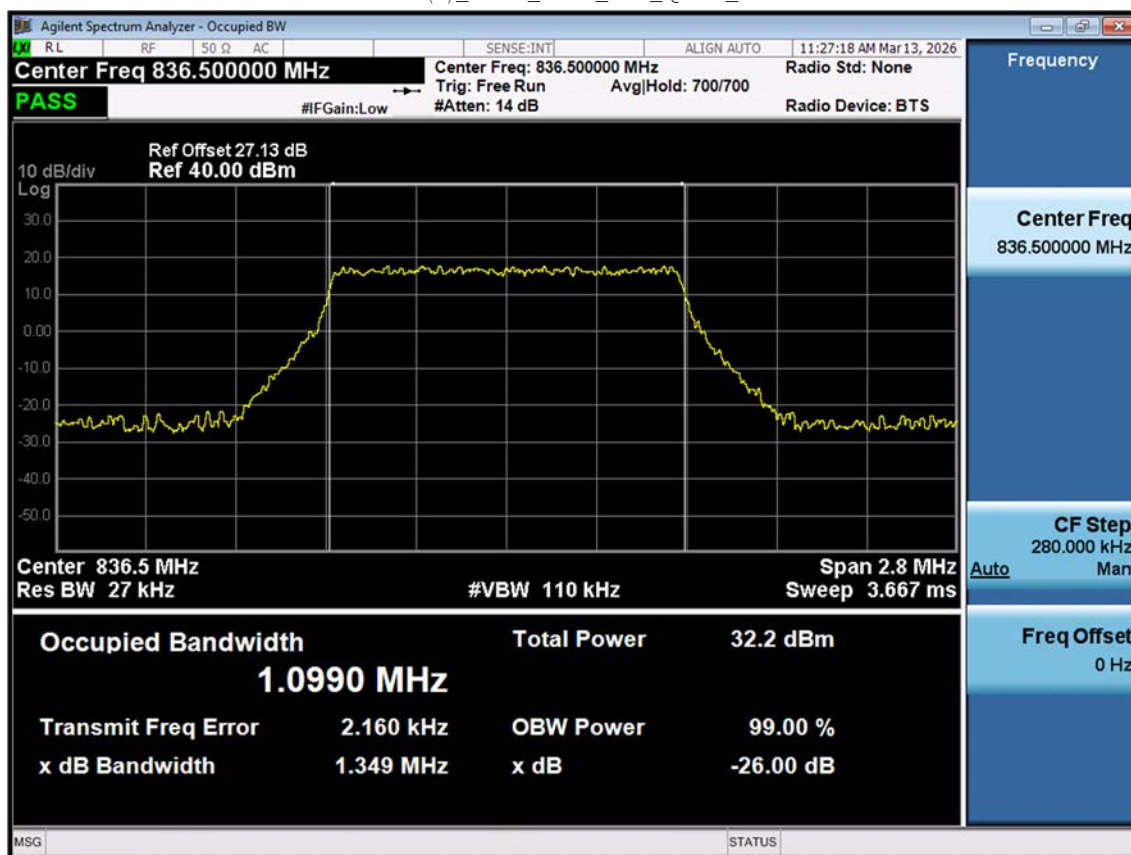
LTE B26_15 M_PAR_Mid_64QAM_FullRB



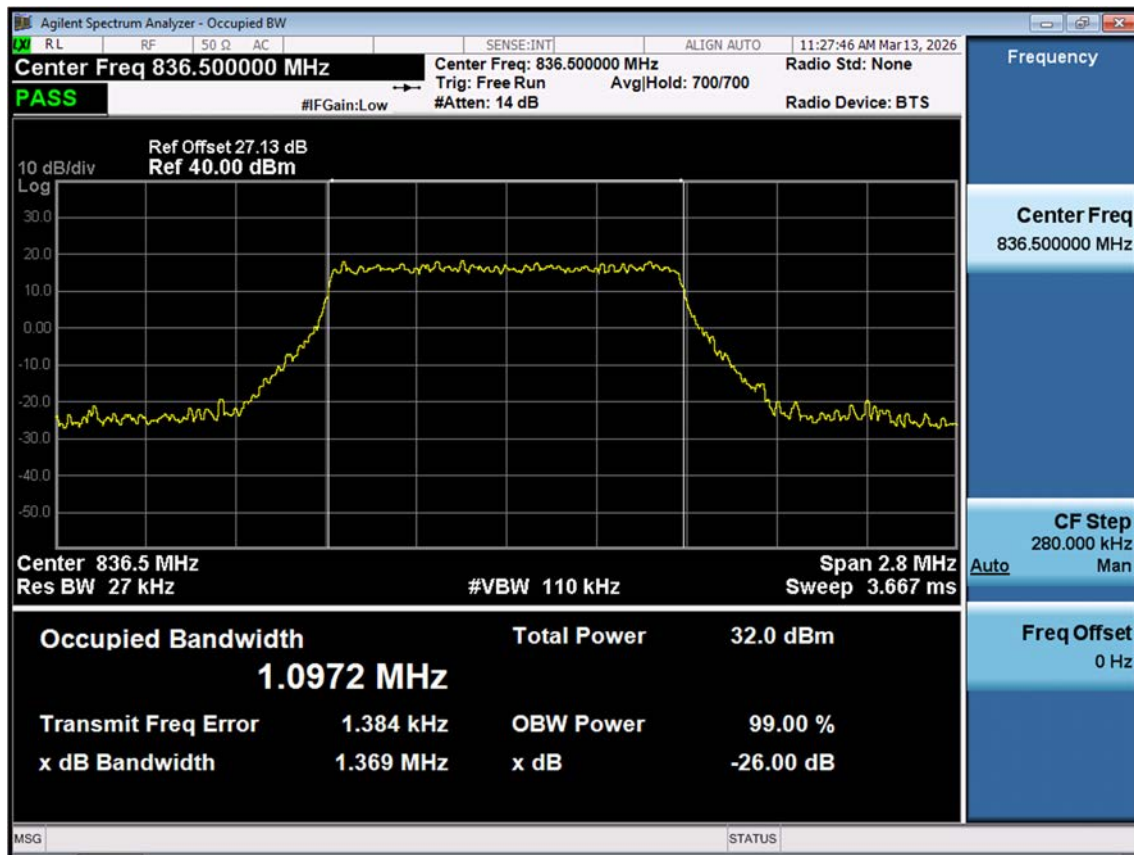
LTE B26_15 M_PAR_Mid_256QAM_FullRB



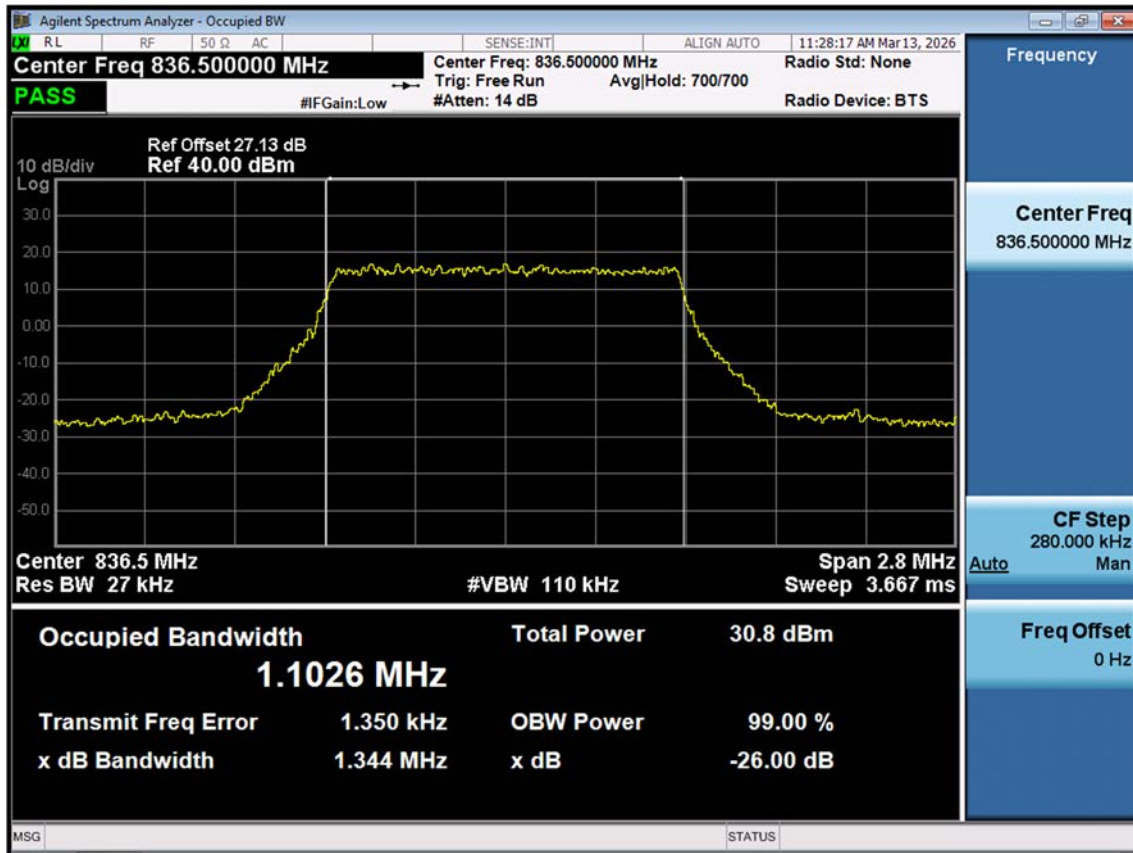
LTE B26(5)_1.4 M_OBW_Mid_QPSK_FullRB



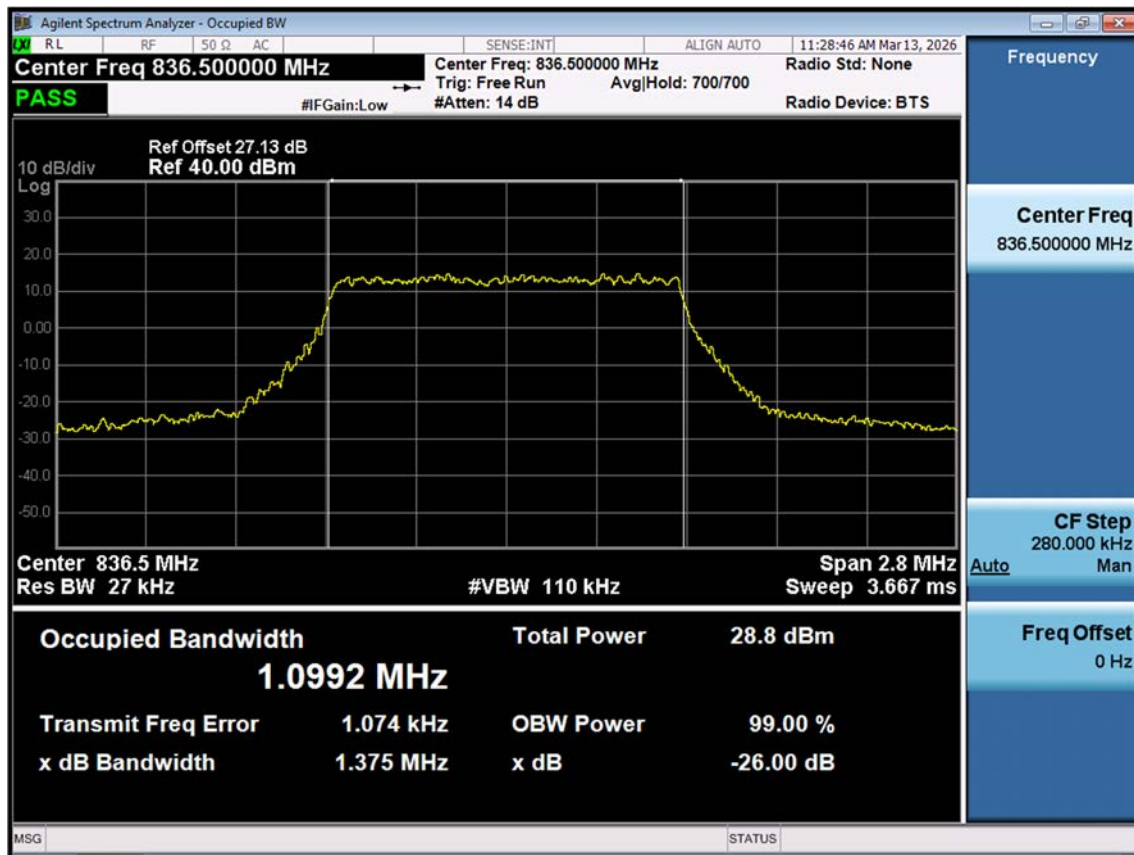
LTE B26(5)_1.4 M_OBW_Mid_16QAM_FullRB



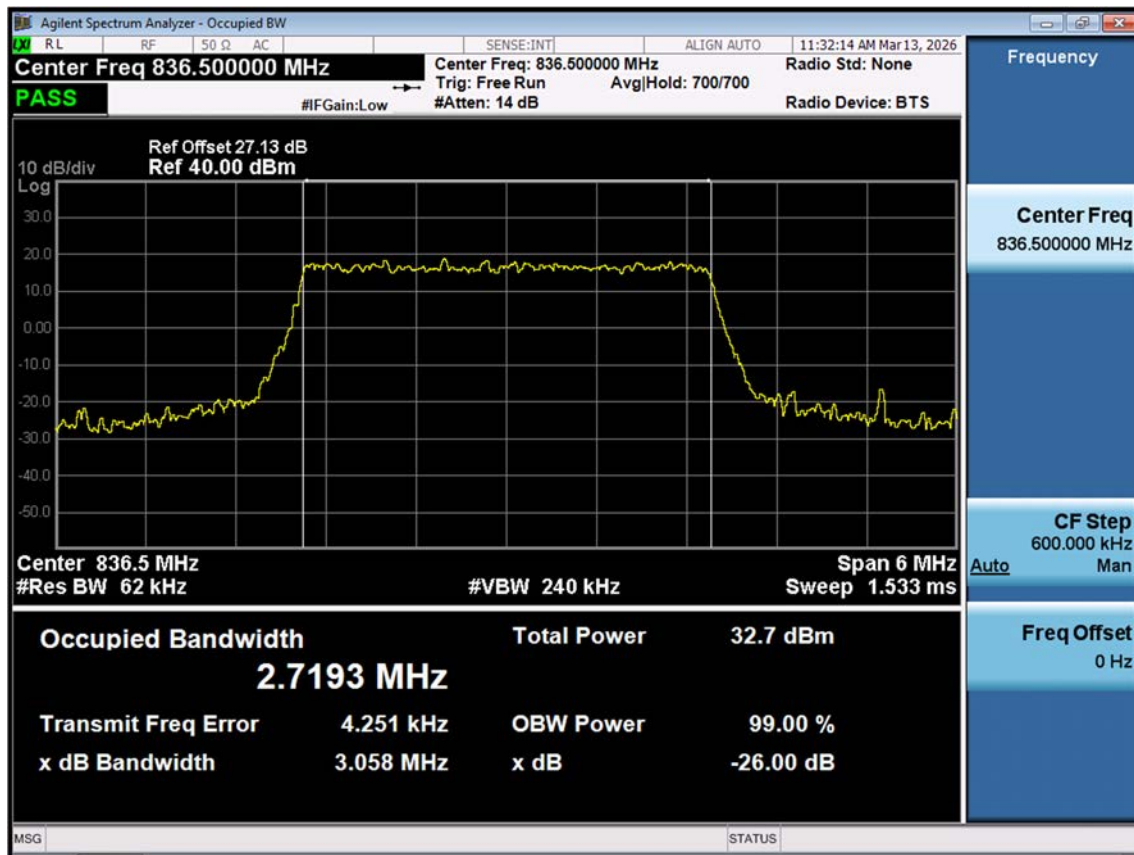
LTE B26(5)_1.4 M_OBW_Mid_64QAM_FullRB



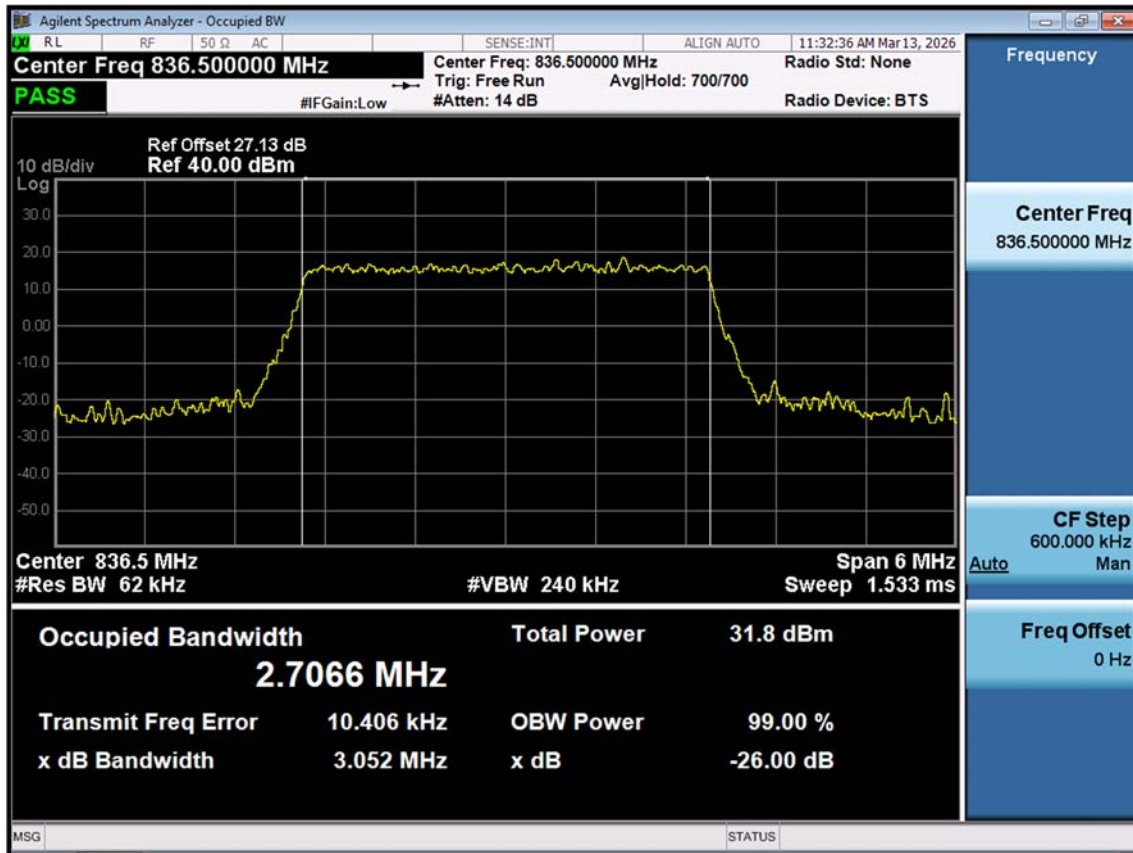
LTE B26(5)_1.4 M_OBW_Mid_256QAM_FullRB



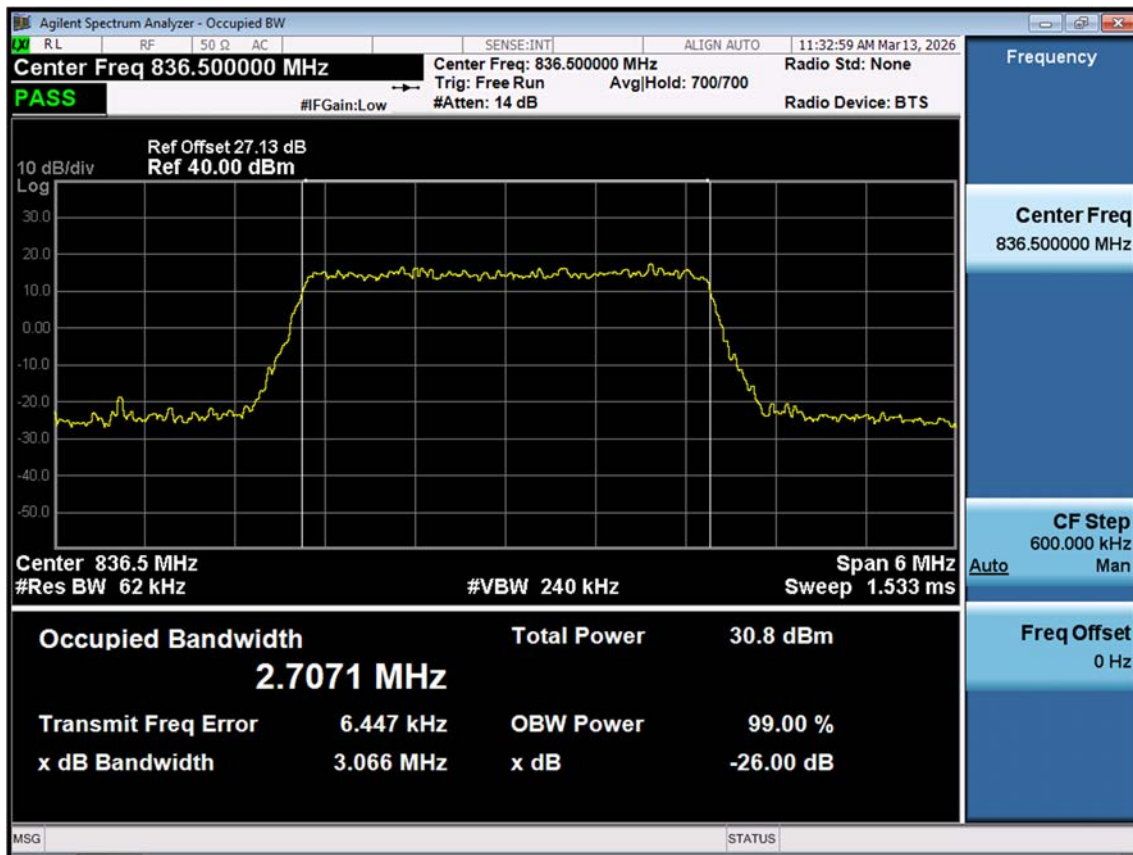
LTE B26(5)_3 M_OBW_Mid_QPSK_FullRB



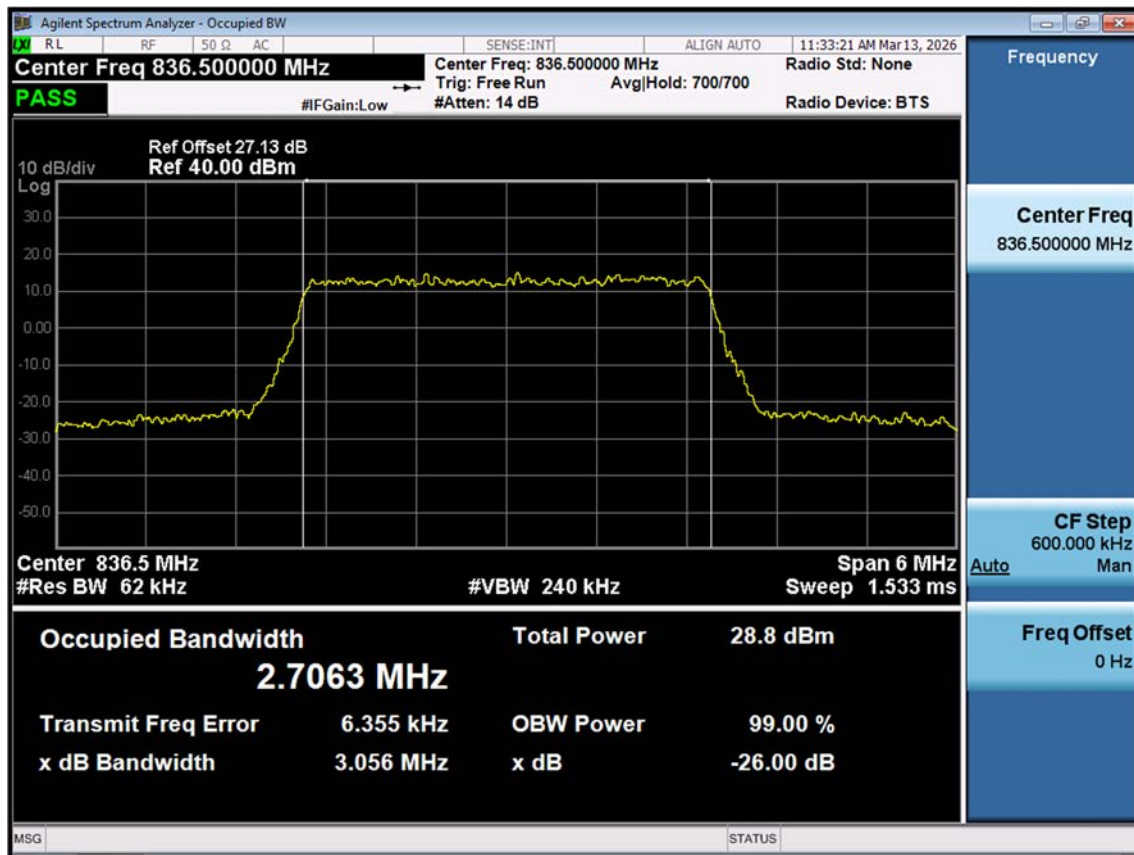
LTE B26(5)_3 M_OBW_Mid_16QAM_FullRB



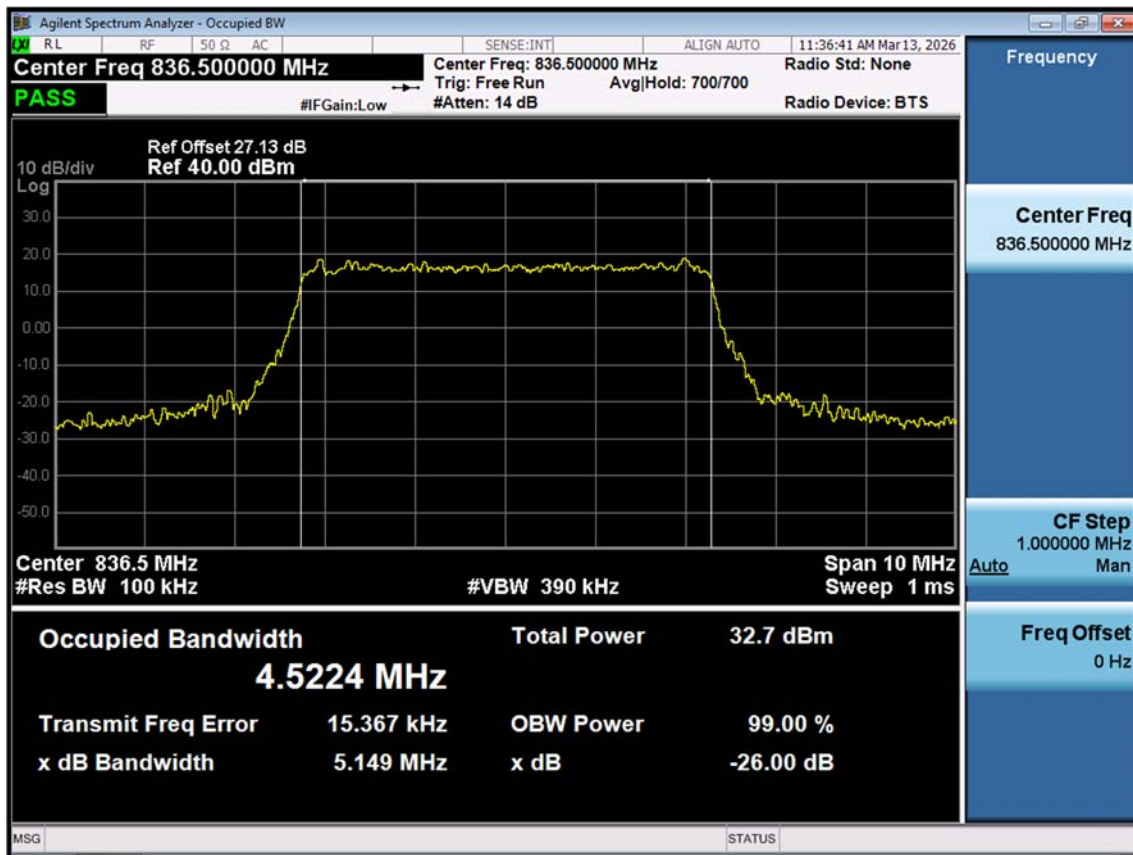
LTE B26(5)_3 M_OBW_Mid_64QAM_FullRB



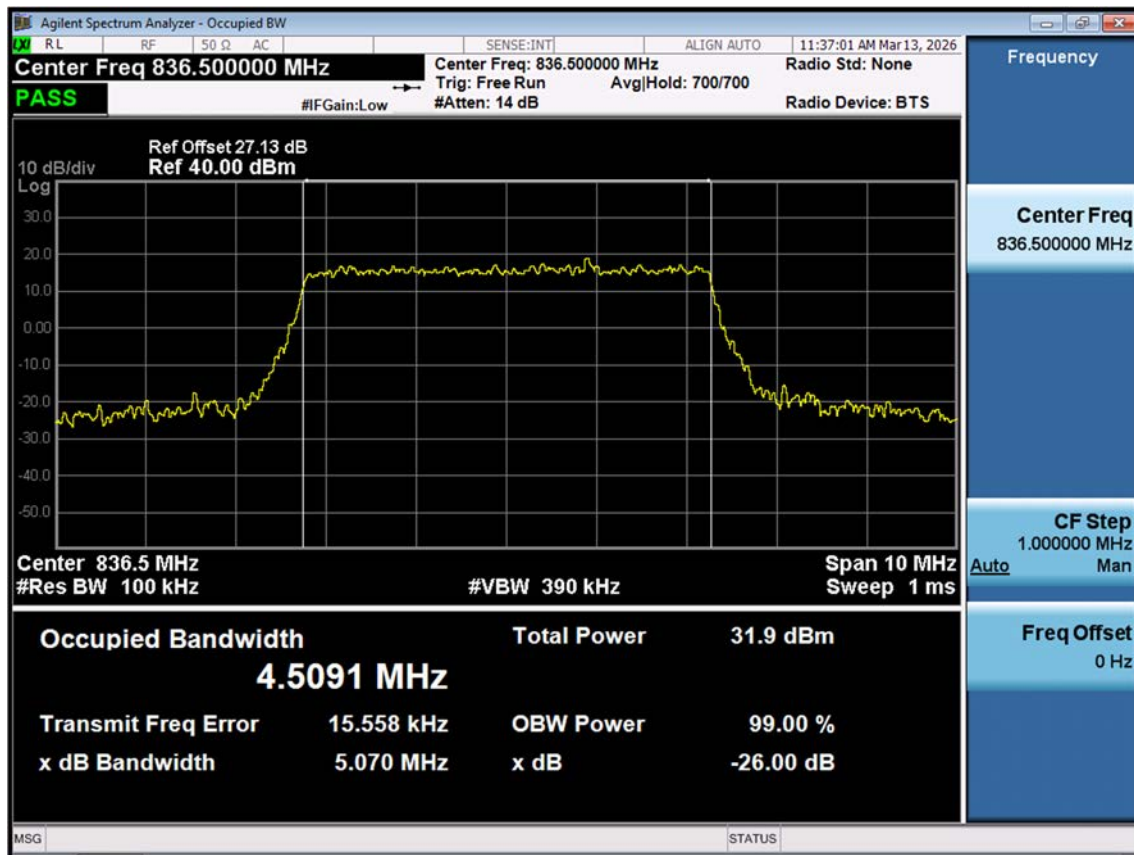
LTE B26(5)_3 M_OBW_Mid_256QAM_FullRB



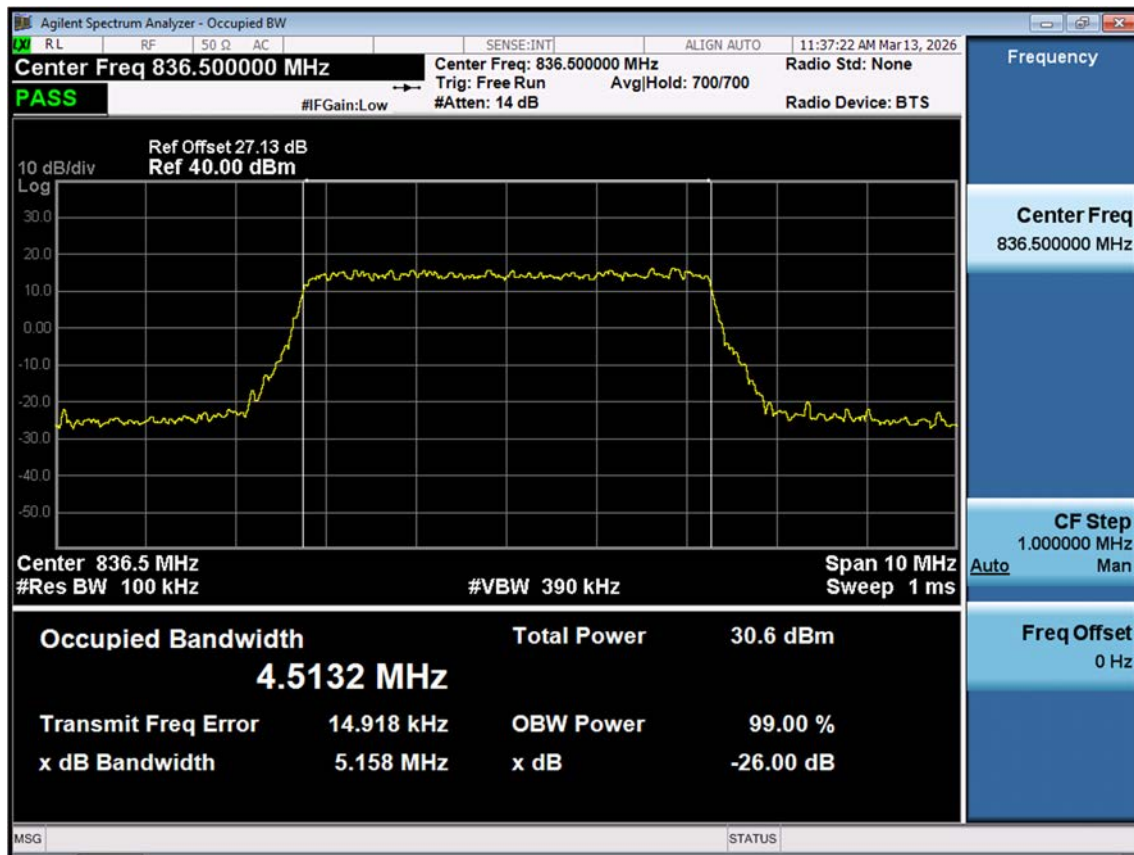
LTE B26(5)_5 M_OBW_Mid_QPSK_FullRB



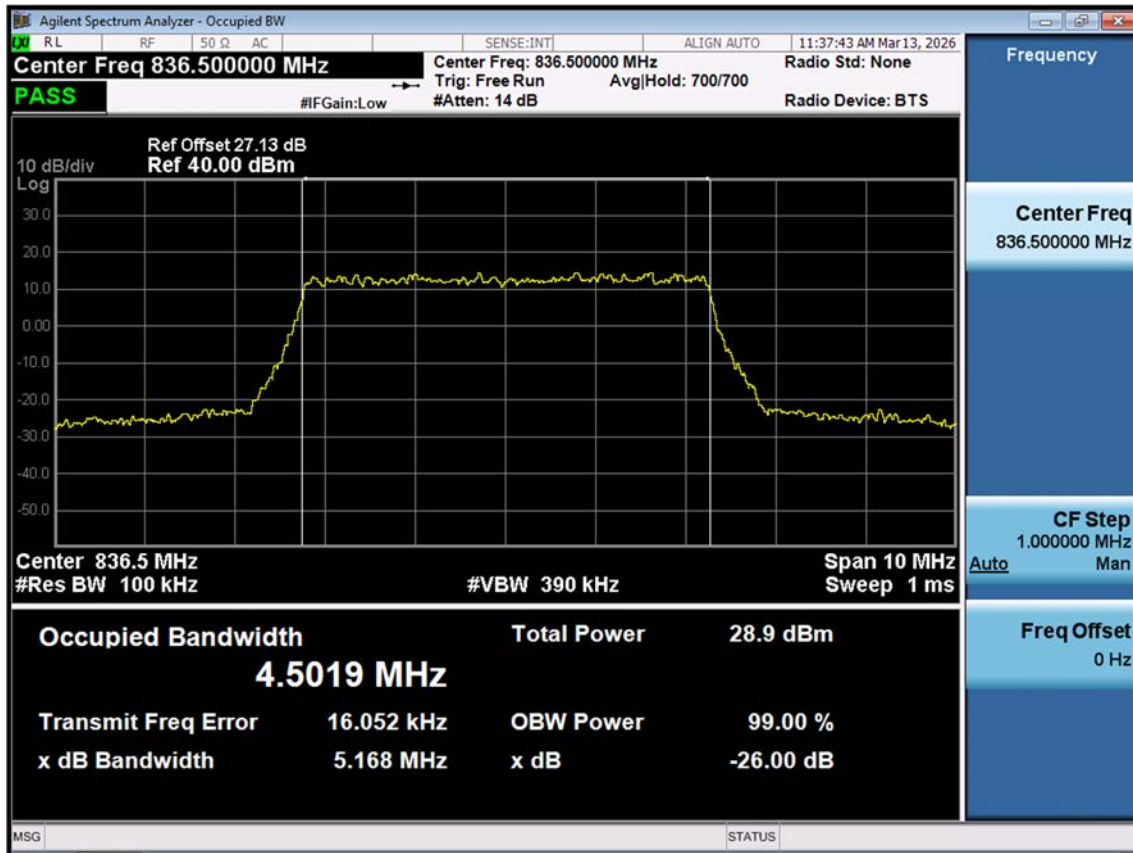
LTE B26(5)_5 M_OBW_Mid_16QAM_FullRB



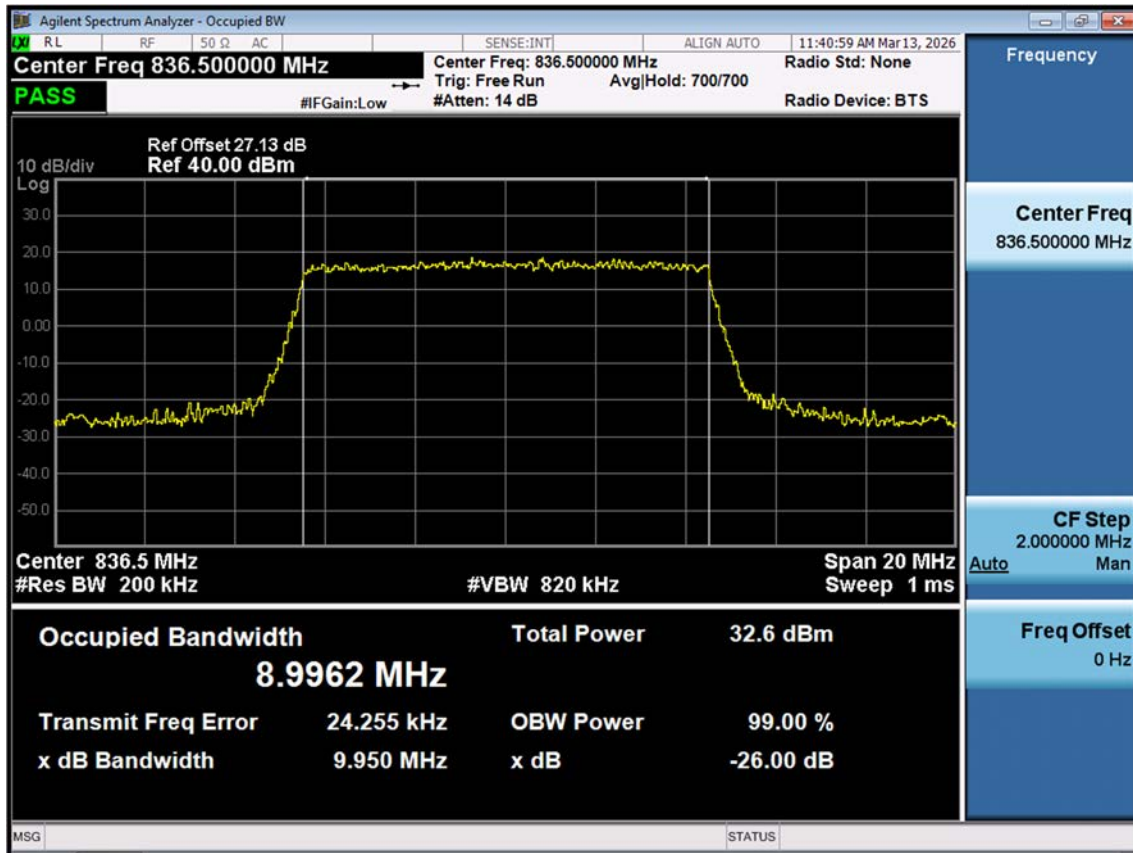
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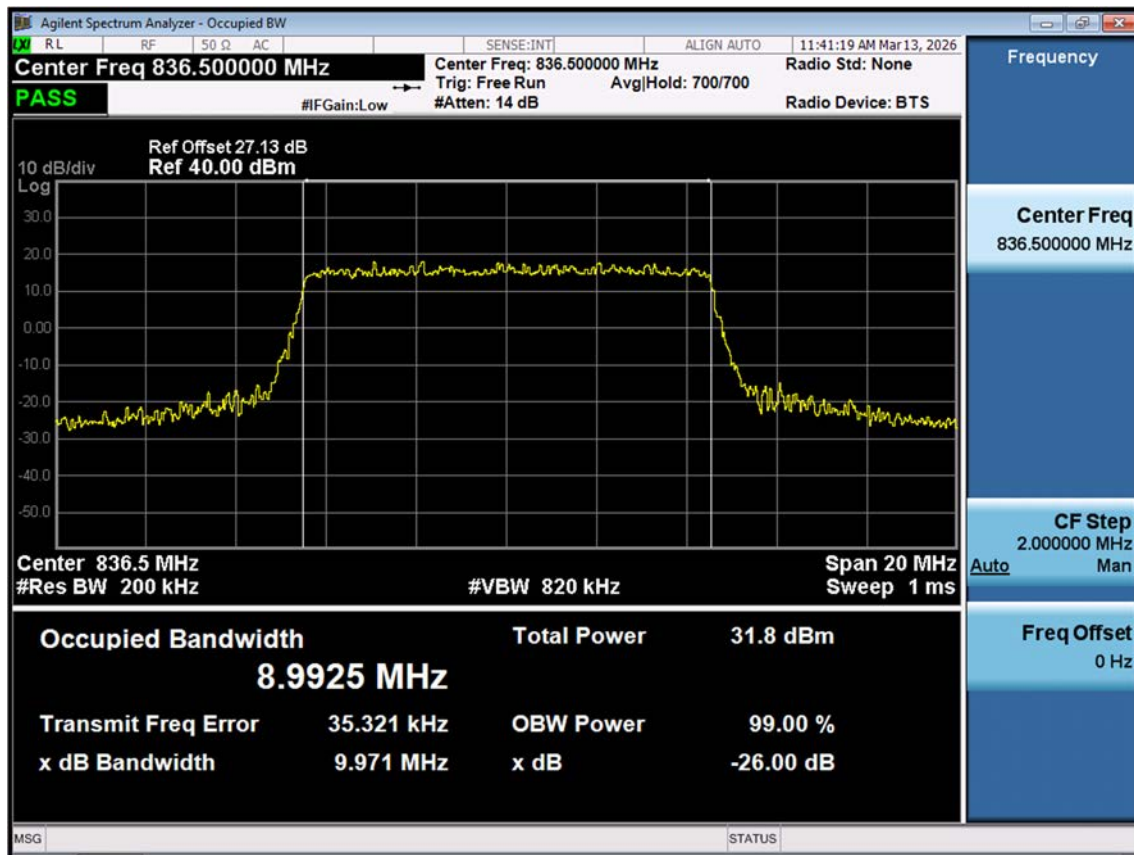
LTE B26(5)_5 M_OBW_Mid_256QAM_FullRB



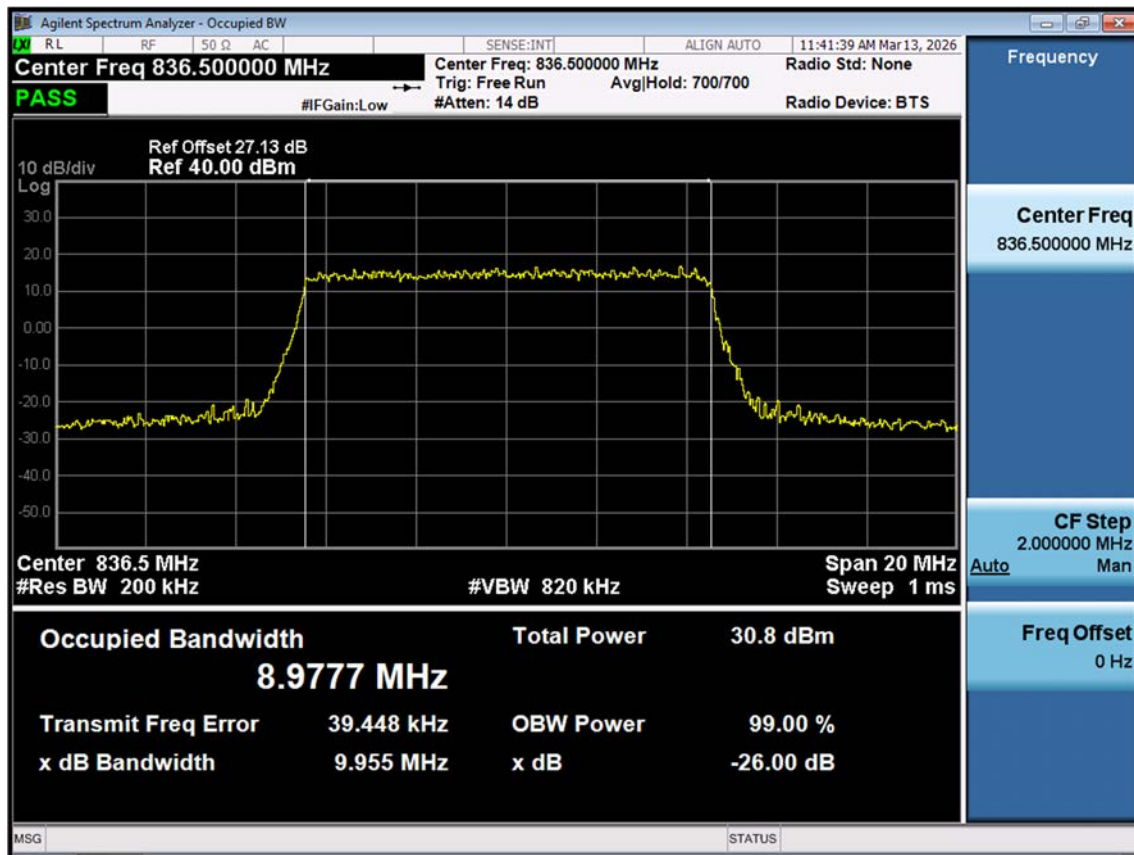
LTE B26(5)_10 M_OBW_Mid_QPSK_FullRB



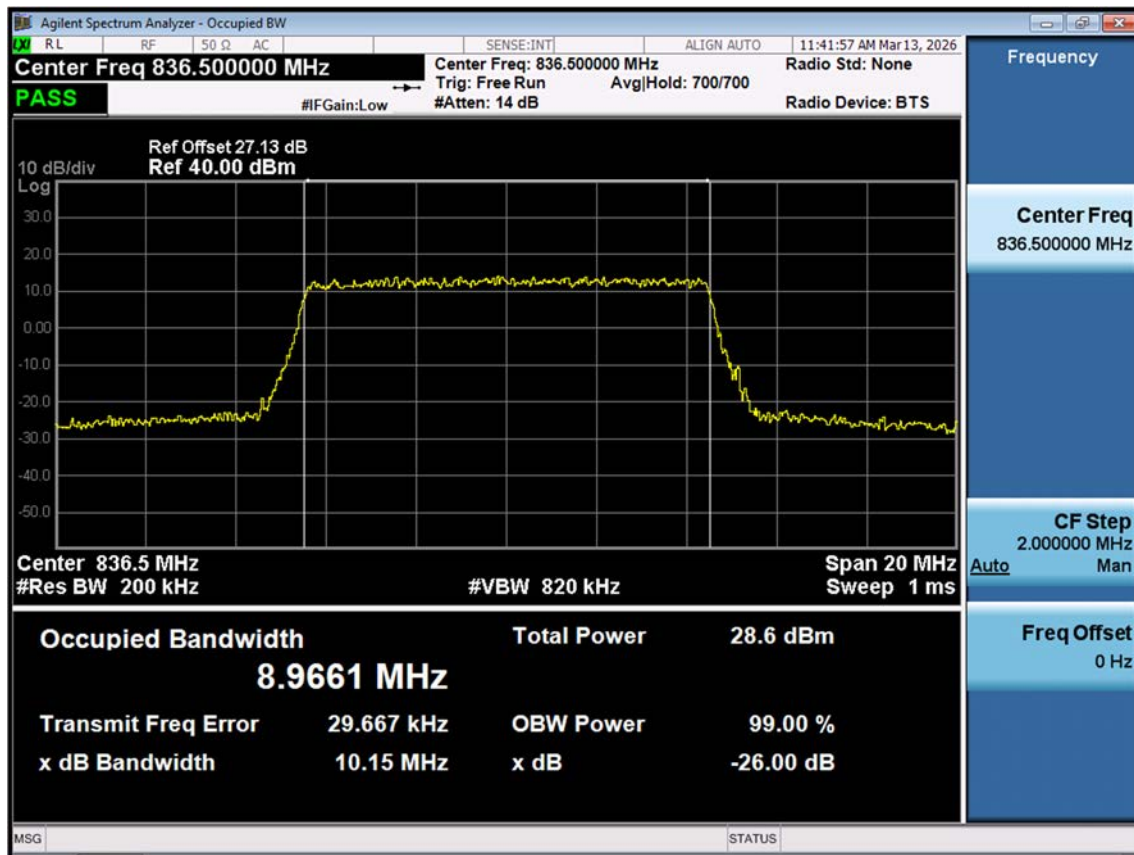
LTE B26(5)_10 M_OBW_Mid_16QAM_FullRB



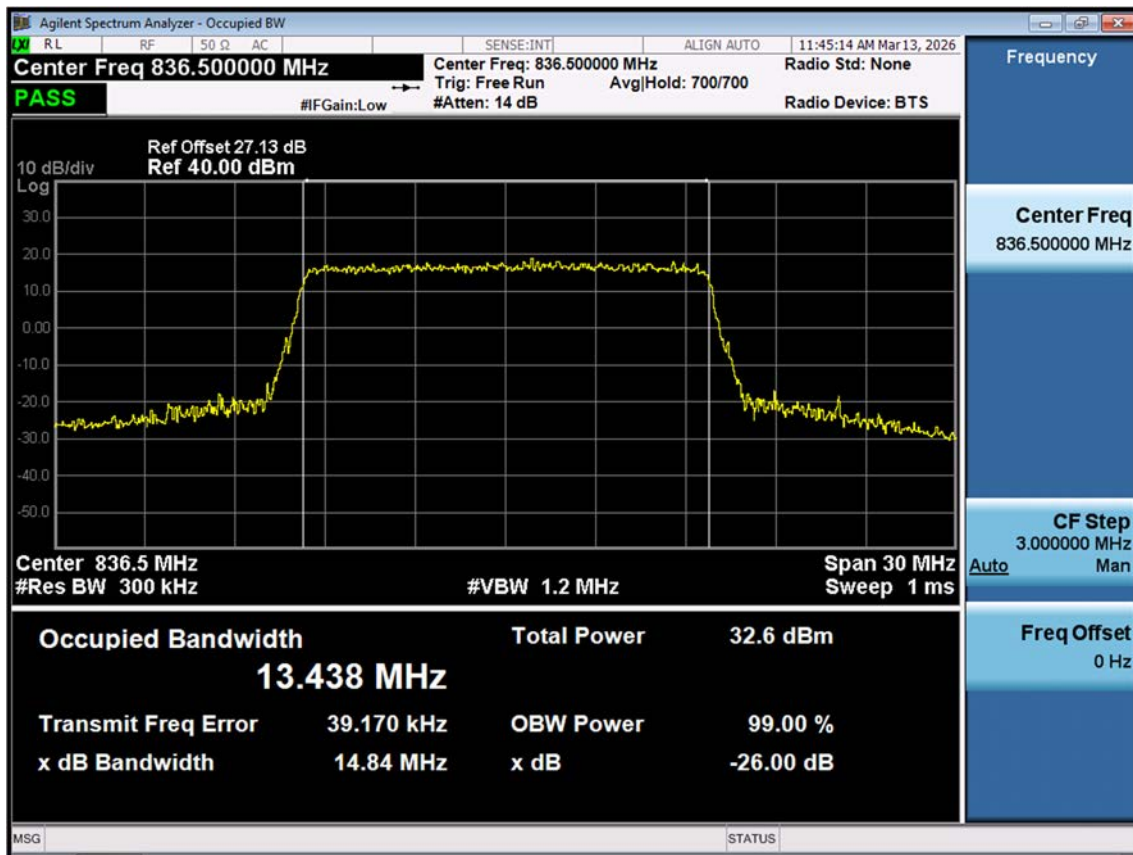
LTE B26(5)_10 M_OBW_Mid_64QAM_FullRB



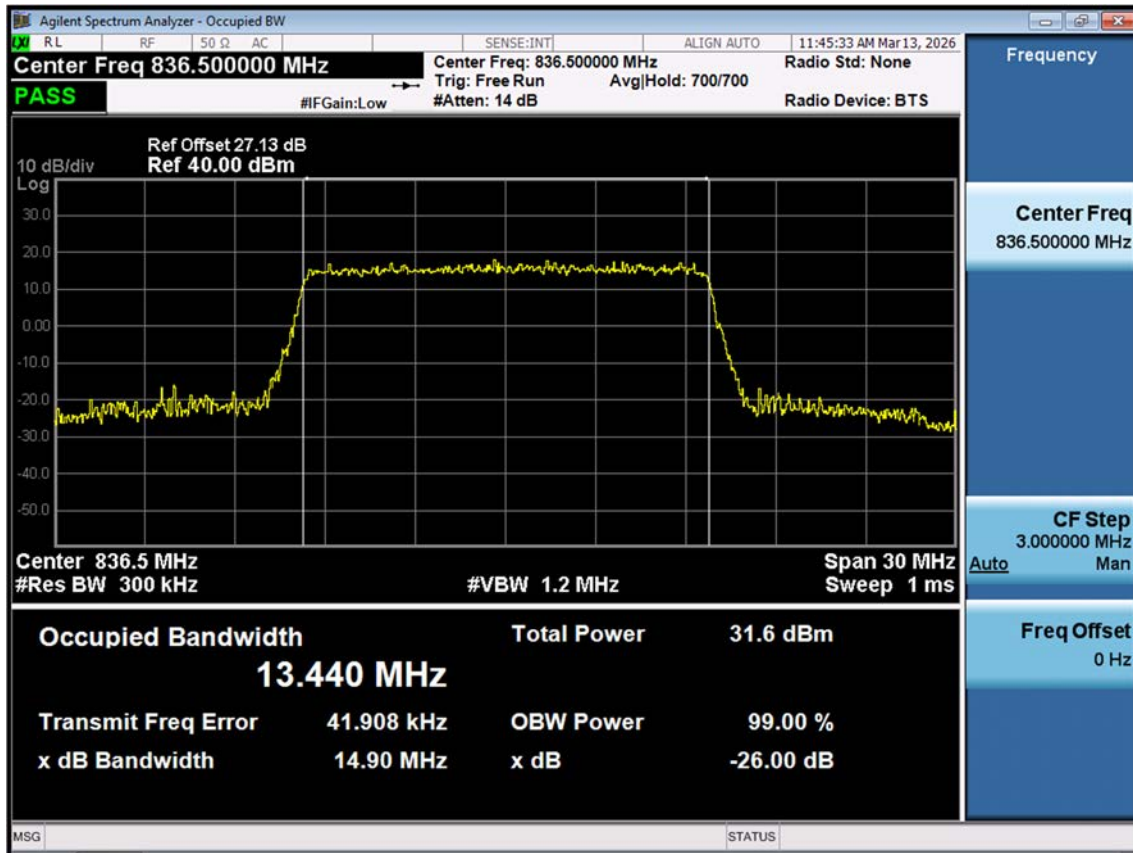
LTE B26(5)_10 M_OBW_Mid_256QAM_FullRB



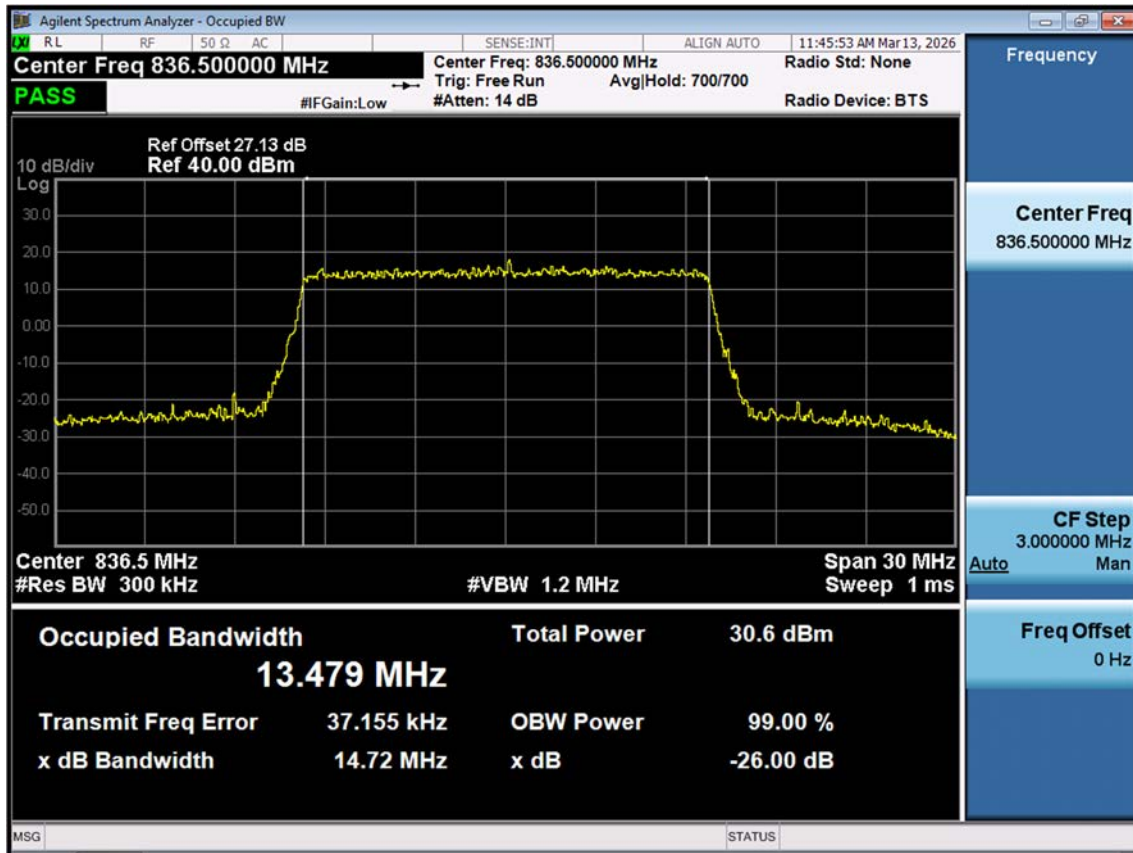
LTE B26_15 M_OBW_Mid_QPSK_FullRB



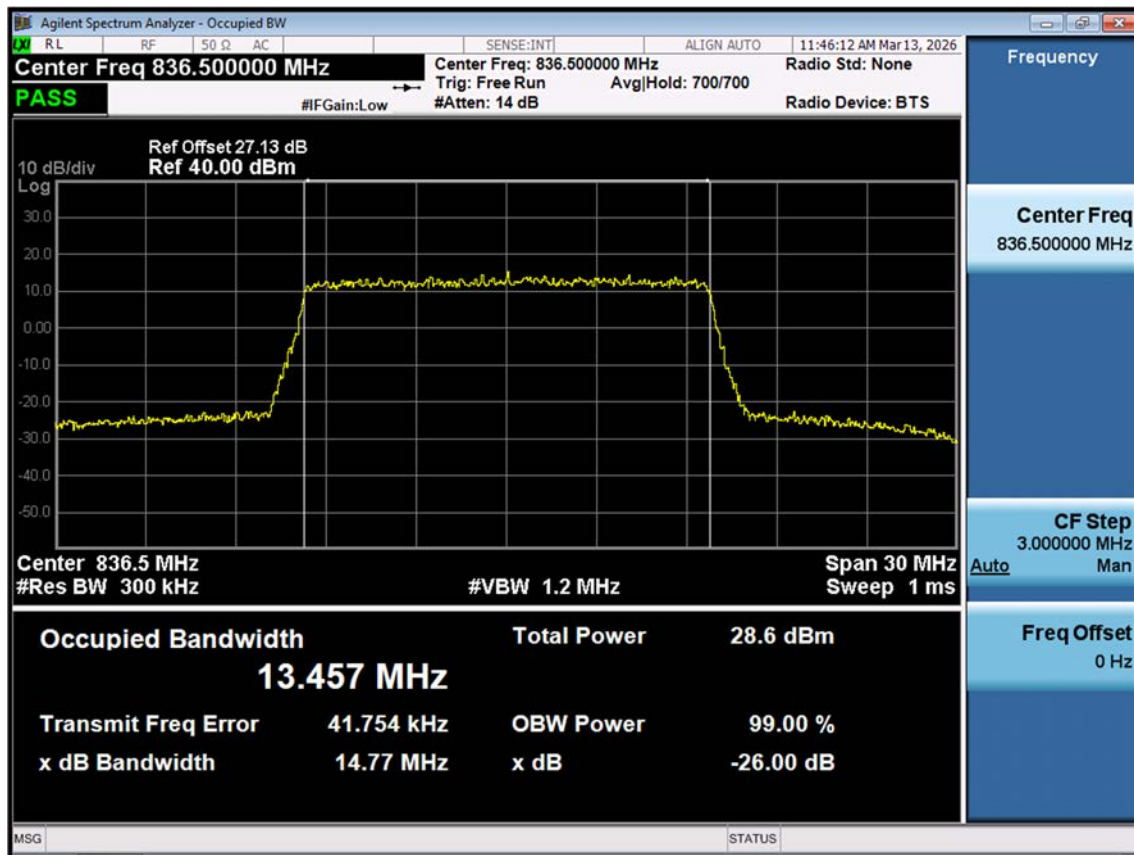
LTE B26_15 M_OBW_Mid_16QAM_FullRB



LTE B26_15 M_OBW_Mid_64QAM_FullRB

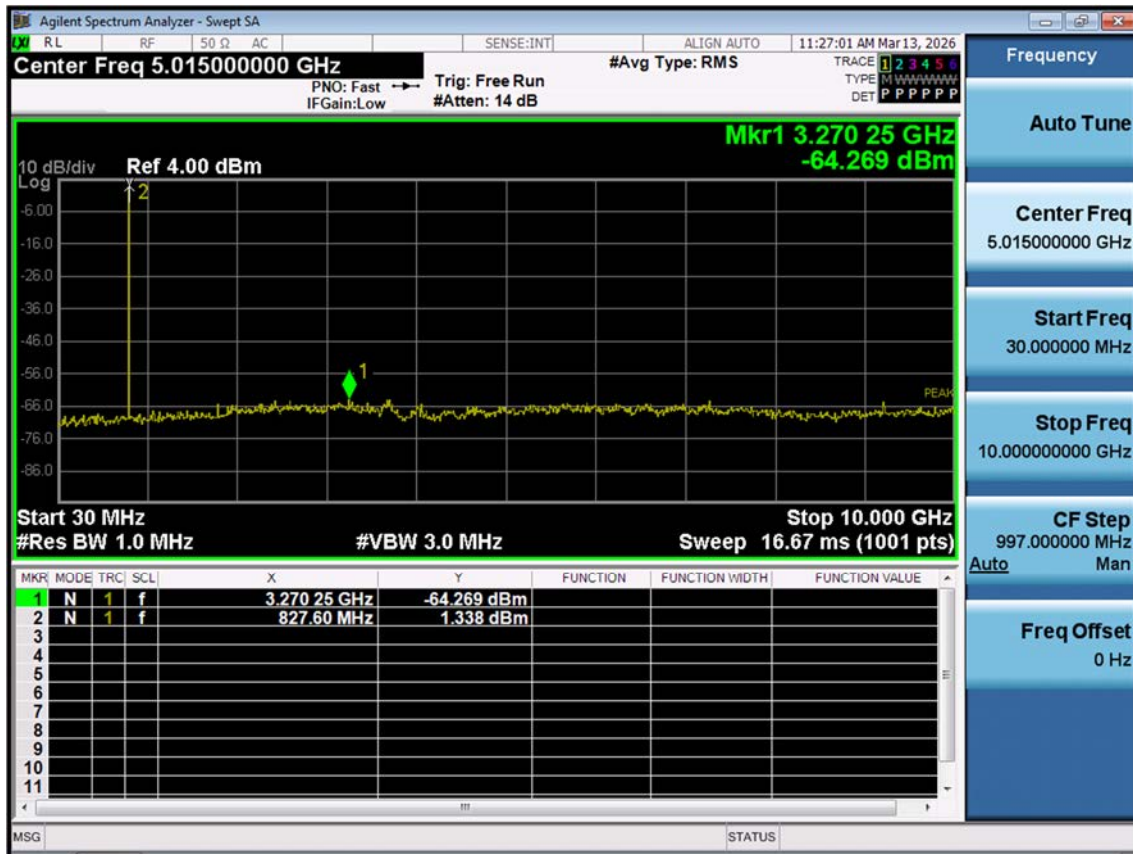


LTE B26_15 M_OBW_Mid_256QAM_FullRB

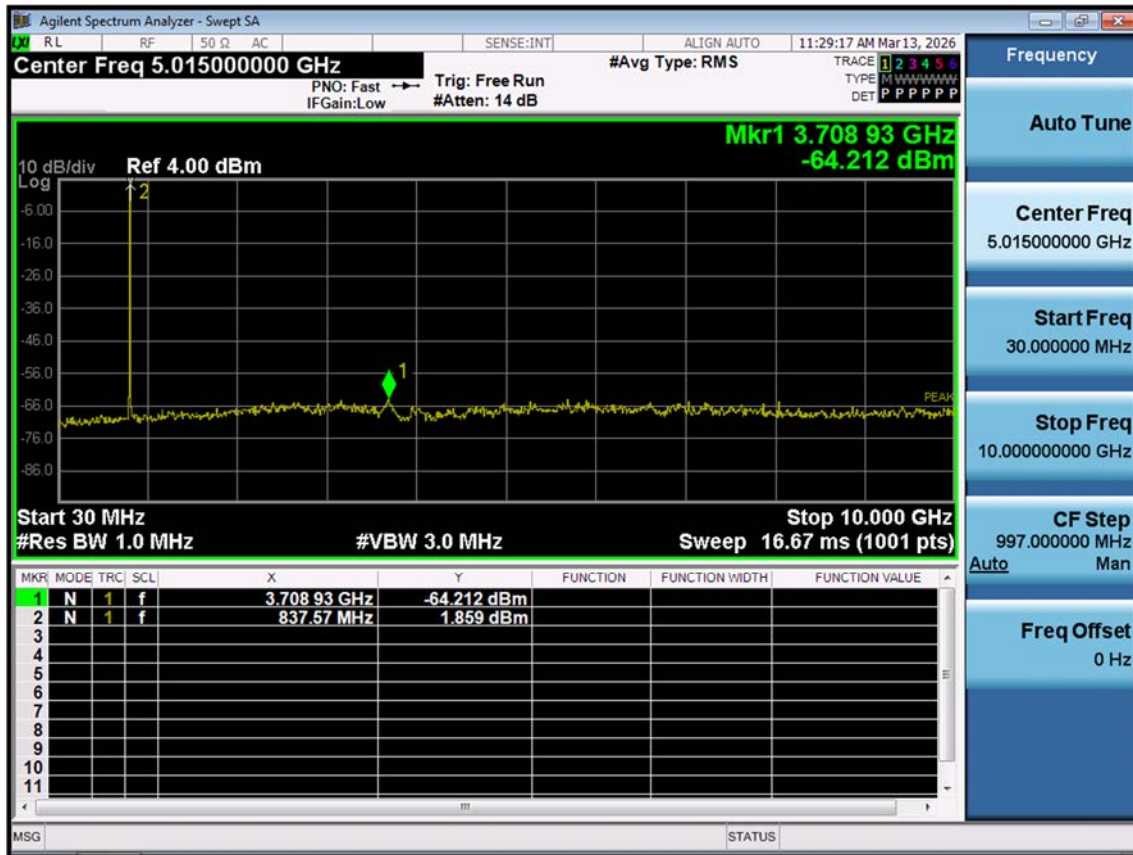


9.3 CONDUCTED SPURIOUS EMISSIONS

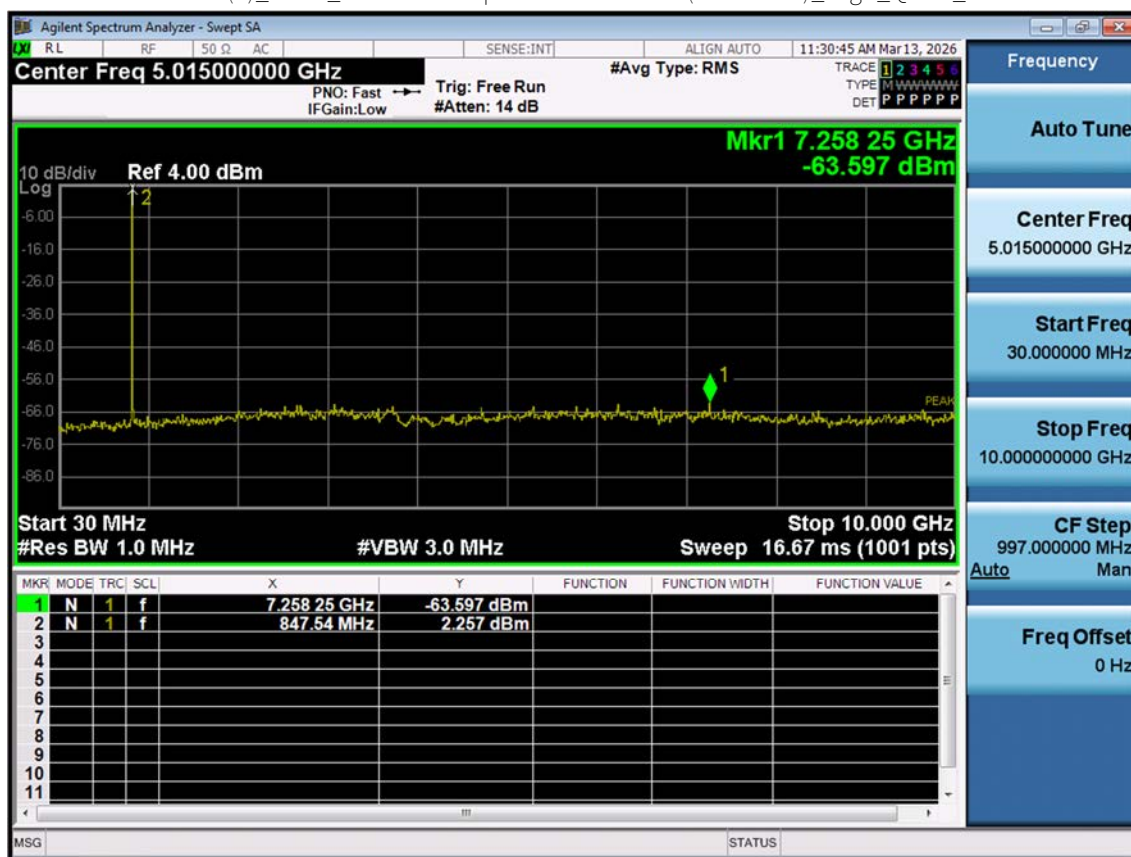
LTE B26(5)_1.4 M_Conducted Spurious Emissions(30 M-10 G)_Low_QPSK_1RB



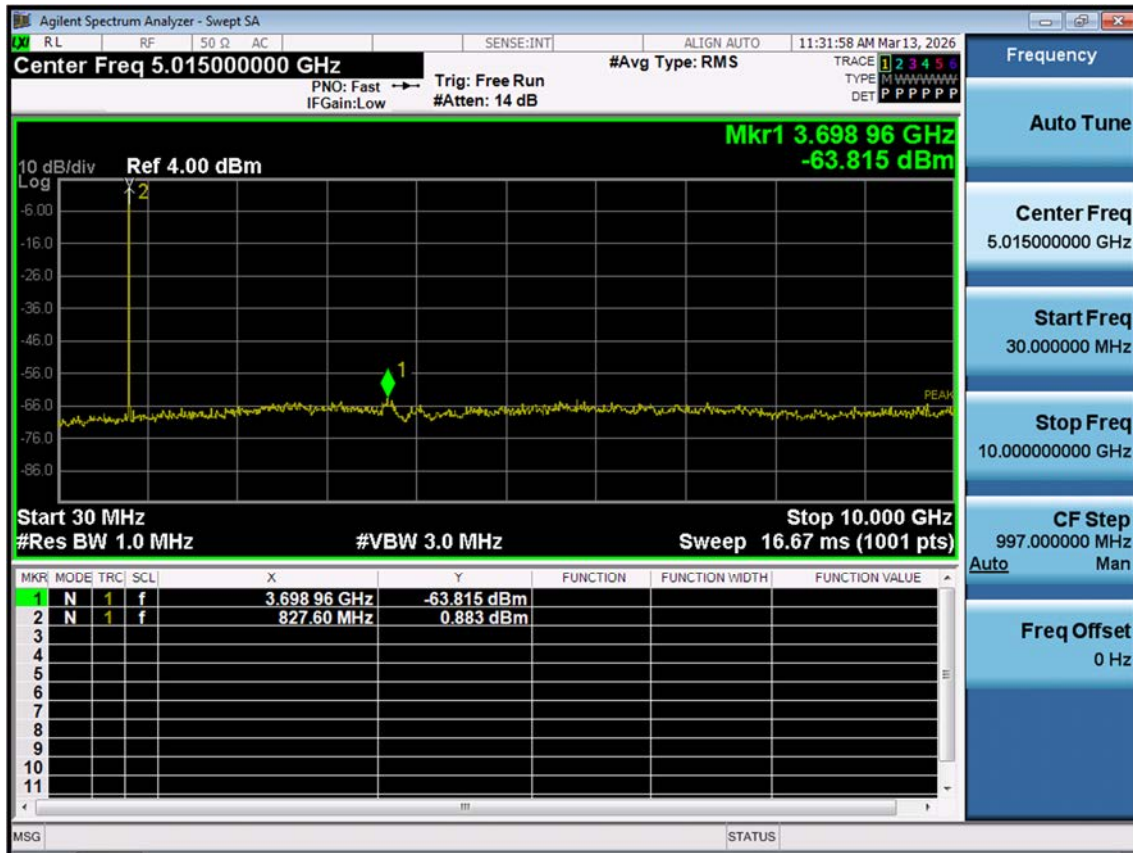
LTE B26(5)_1.4 M_Conducted Spurious Emissions(30 M-10 G)_Mid_QPSK_1RB



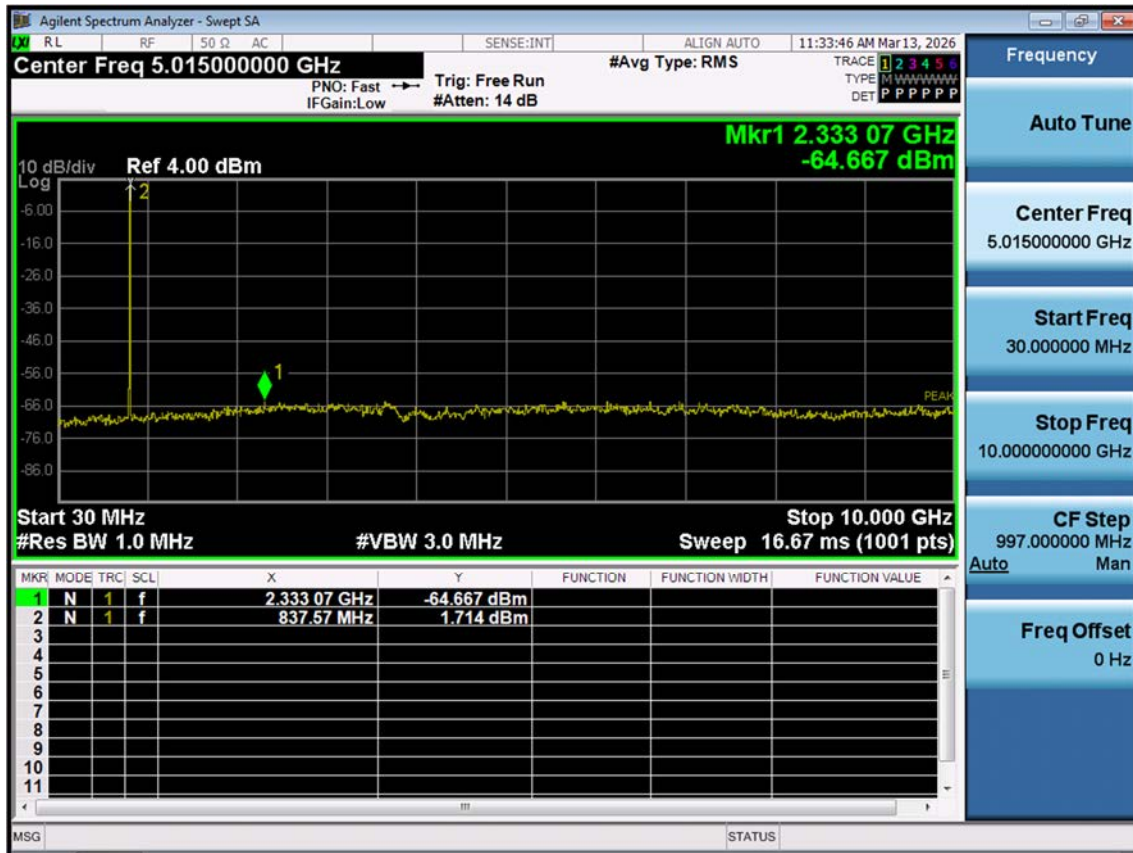
LTE B26(5)_1.4 M_Conducted Spurious Emissions(30 M-10 G)_High_QPSK_1RB



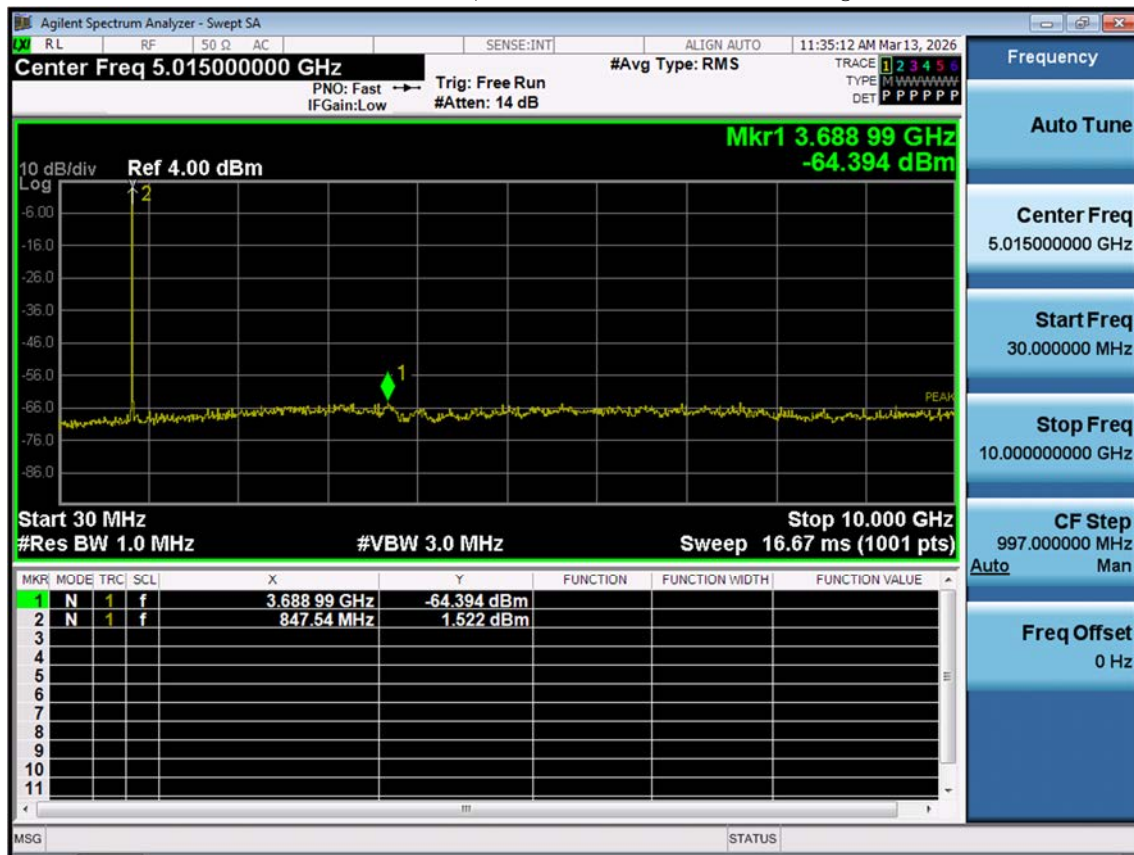
LTE B26(5)_3 M_Conducted Spurious Emissions(30 M-10 G)_Low_QPSK_1RB



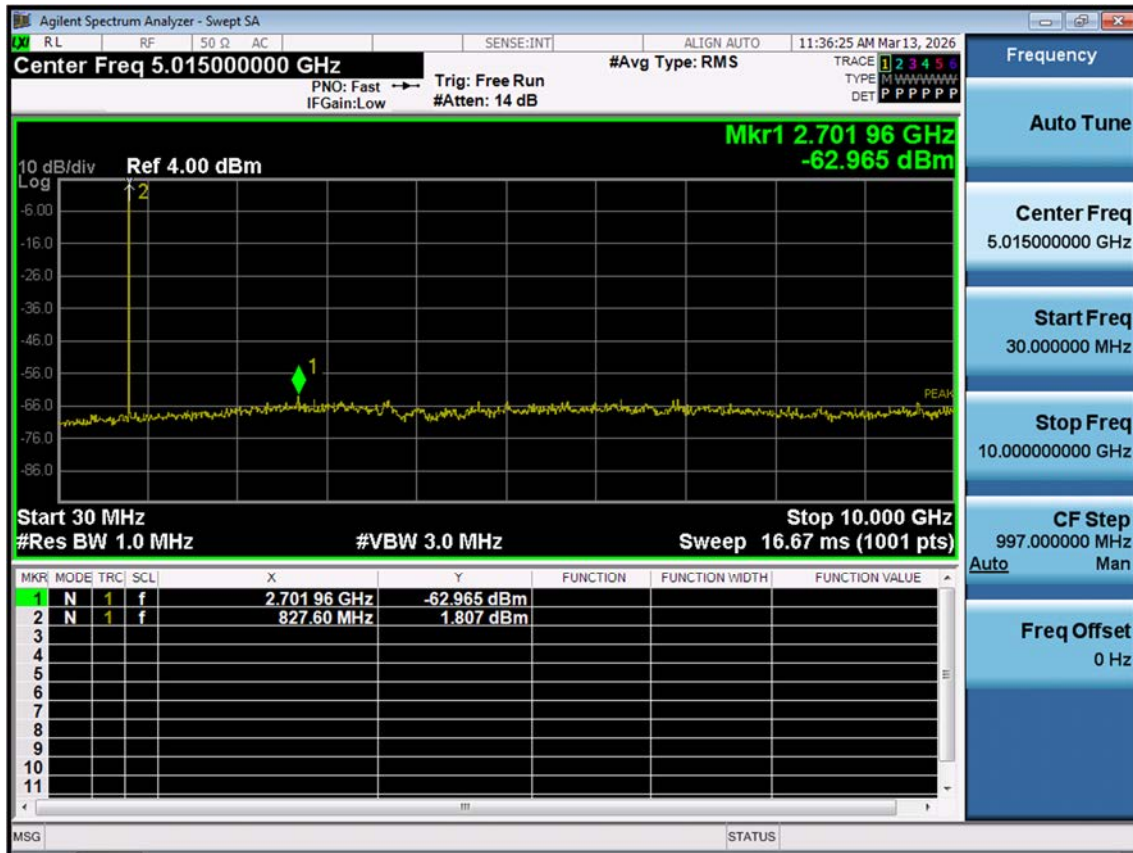
LTE B26(5)_3 M_Conducted Spurious Emissions(30 M-10 G)_Mid_QPSK_1RB



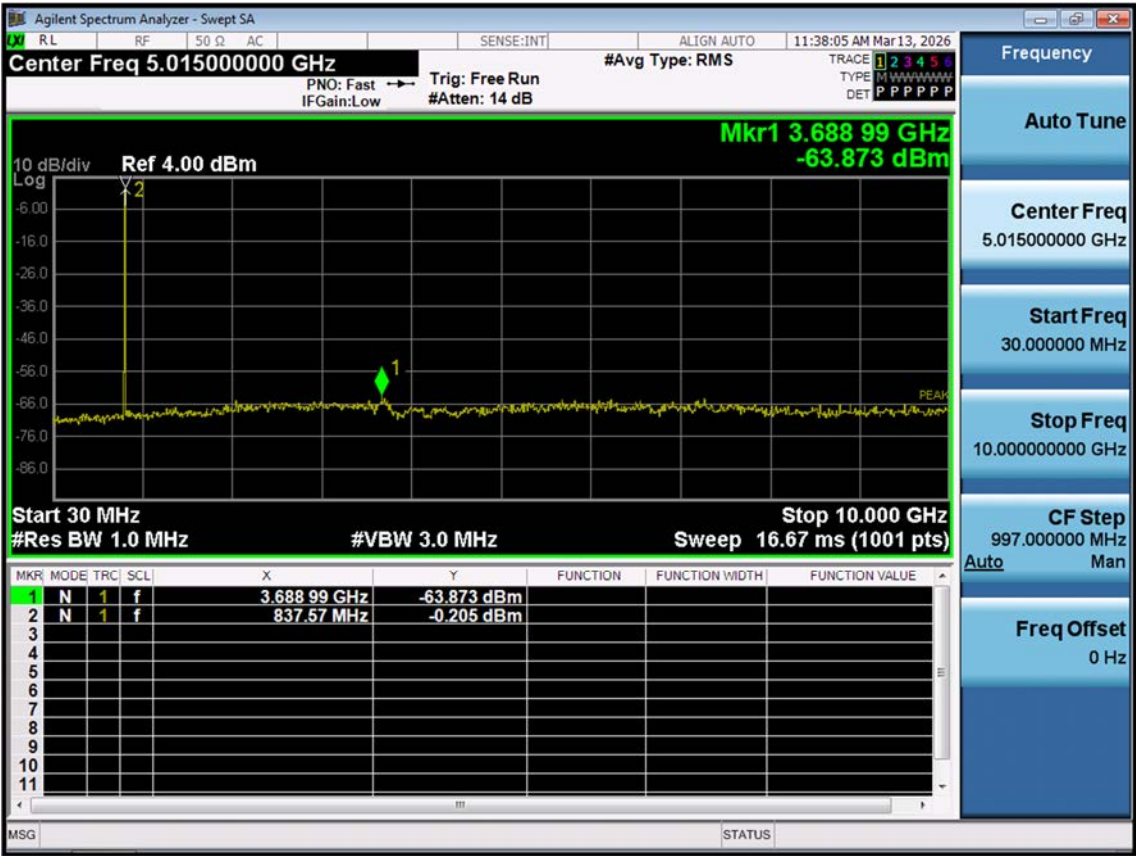
LTE B26(5)_3 M_Conducted Spurious Emissions(30 M-10 G)_High_QPSK_1RB



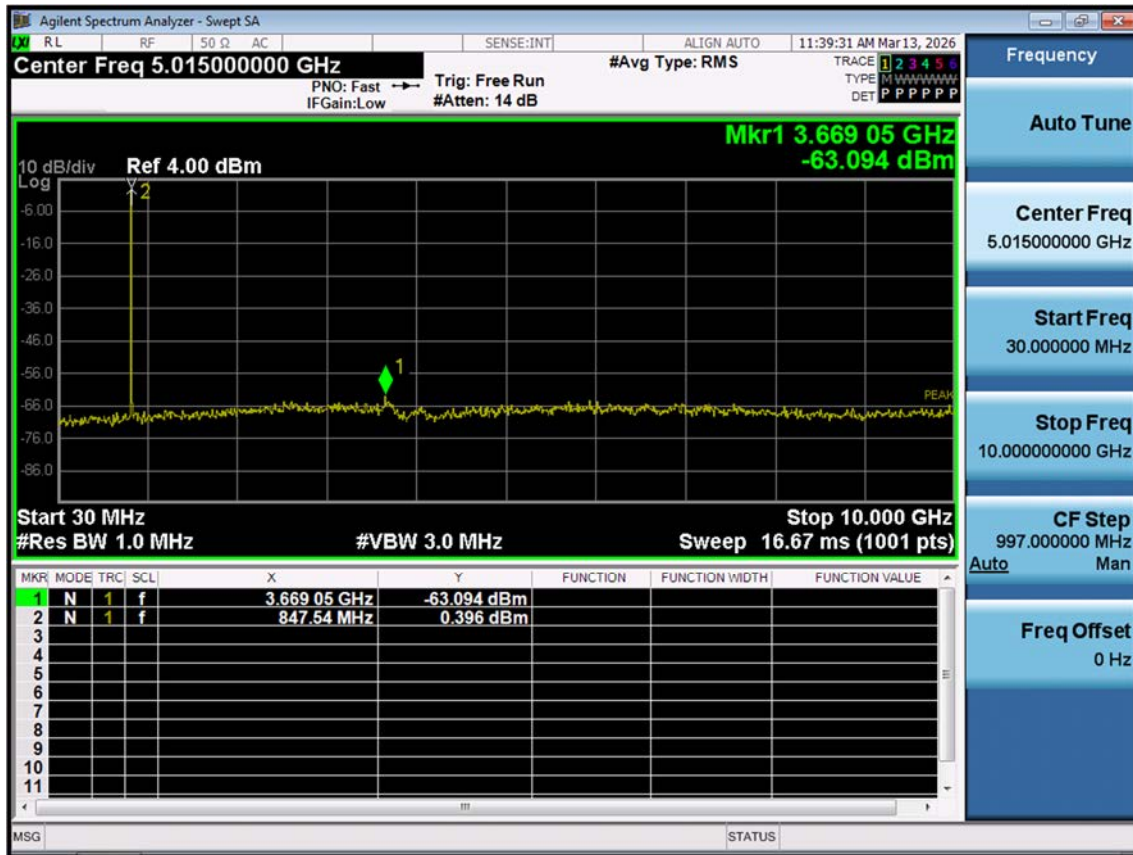
LTE B26(5)_5 M_Conducted Spurious Emissions(30 M-10 G)_Low_QPSK_1RB



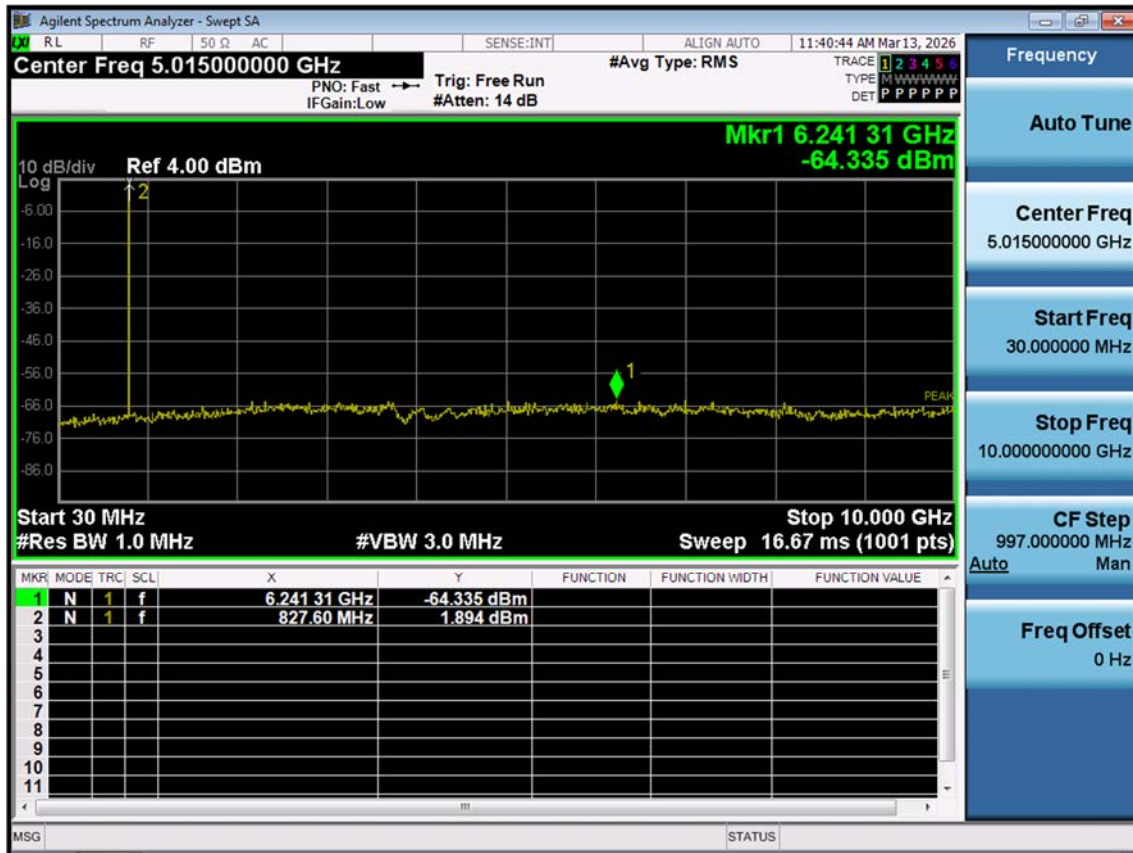
LTE B26(5)_5 M_Conducted Spurious Emissions(30 M-10 G)_Mid_QPSK_1RB



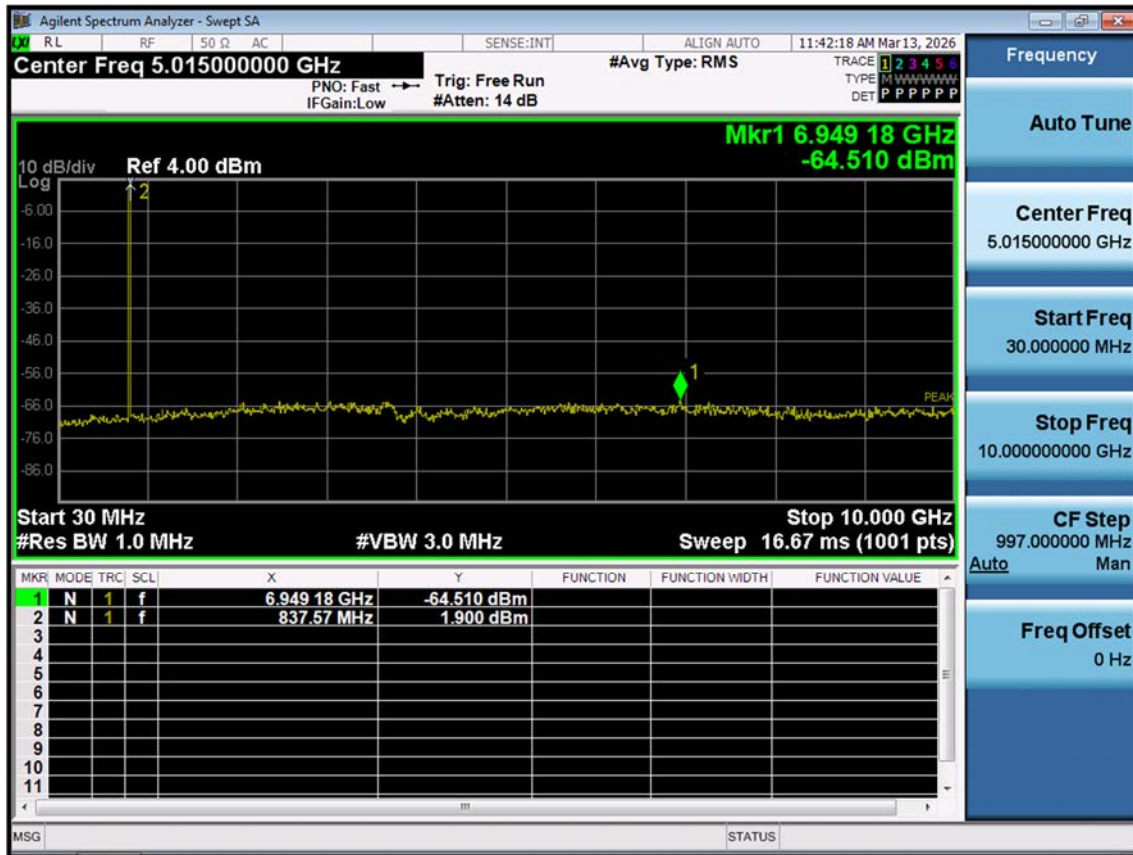
LTE B26(5)_5 M_Conducted Spurious Emissions(30 M-10 G)_High_QPSK_1RB



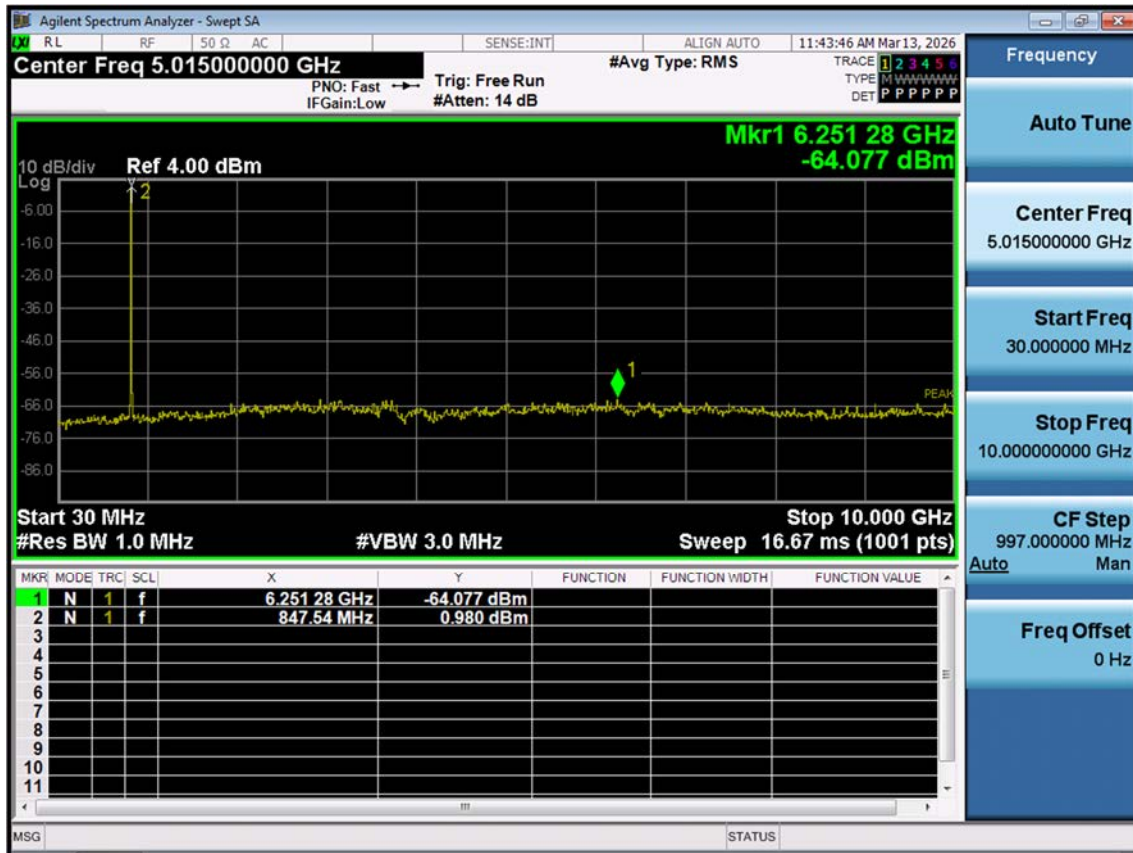
LTE B26(5)_10 M_Conducted Spurious Emissions(30 M-10 G)_Low_QPSK_1RB



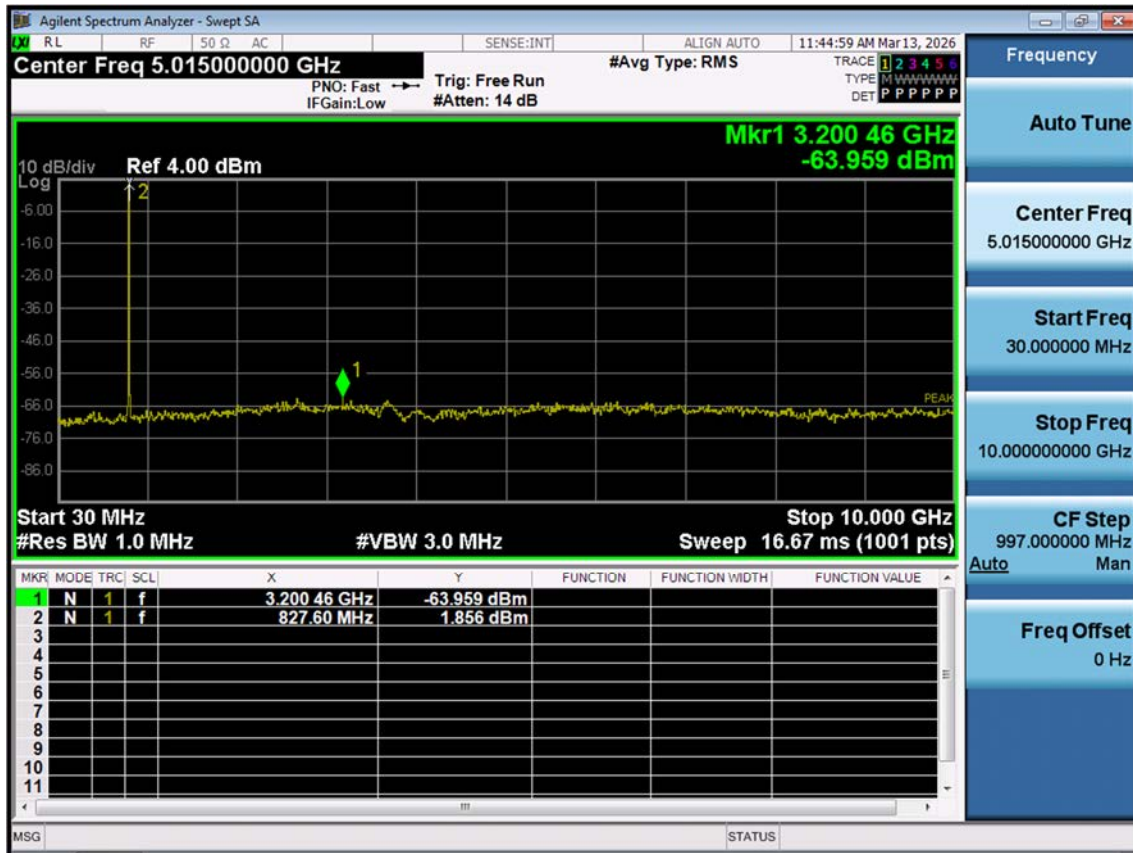
LTE B26(5)_10 M_Conducted Spurious Emissions(30 M-10 G)_Mid_QPSK_1RB



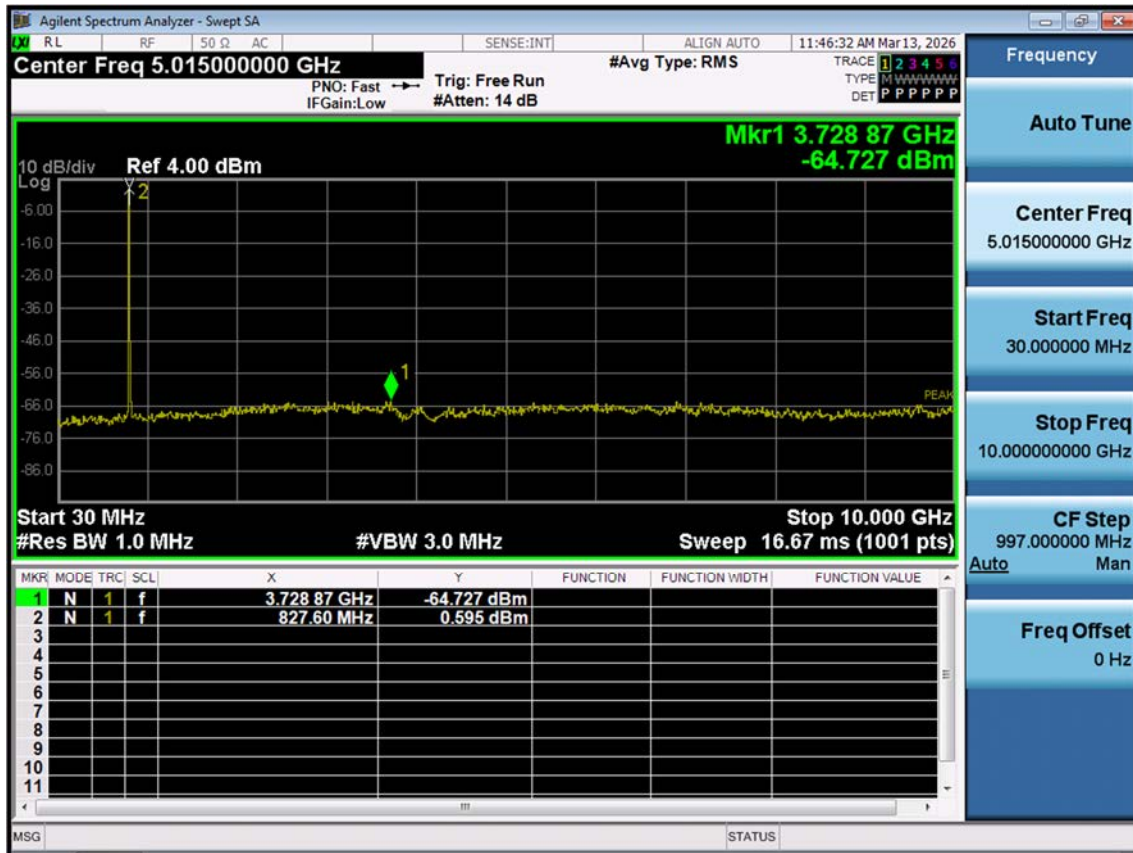
LTE B26(5)_10 M_Conducted Spurious Emissions(30 M-10 G)_High_QPSK_1RB



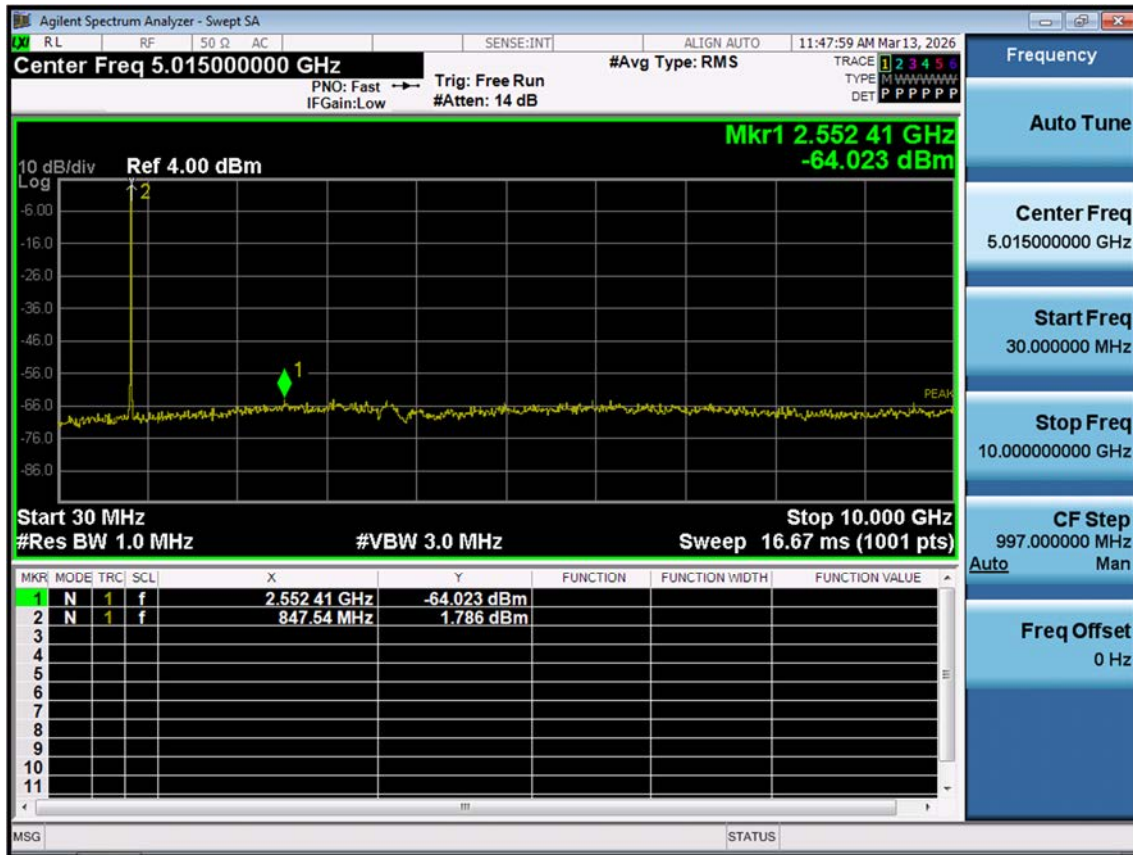
LTE B26_15 M_Conducted Spurious Emissions(30 M-10 G)_Low_QPSK_1RB



LTE B26_15 M_Conducted Spurious Emissions(30 M-10 G)_Mid_QPSK_1RB

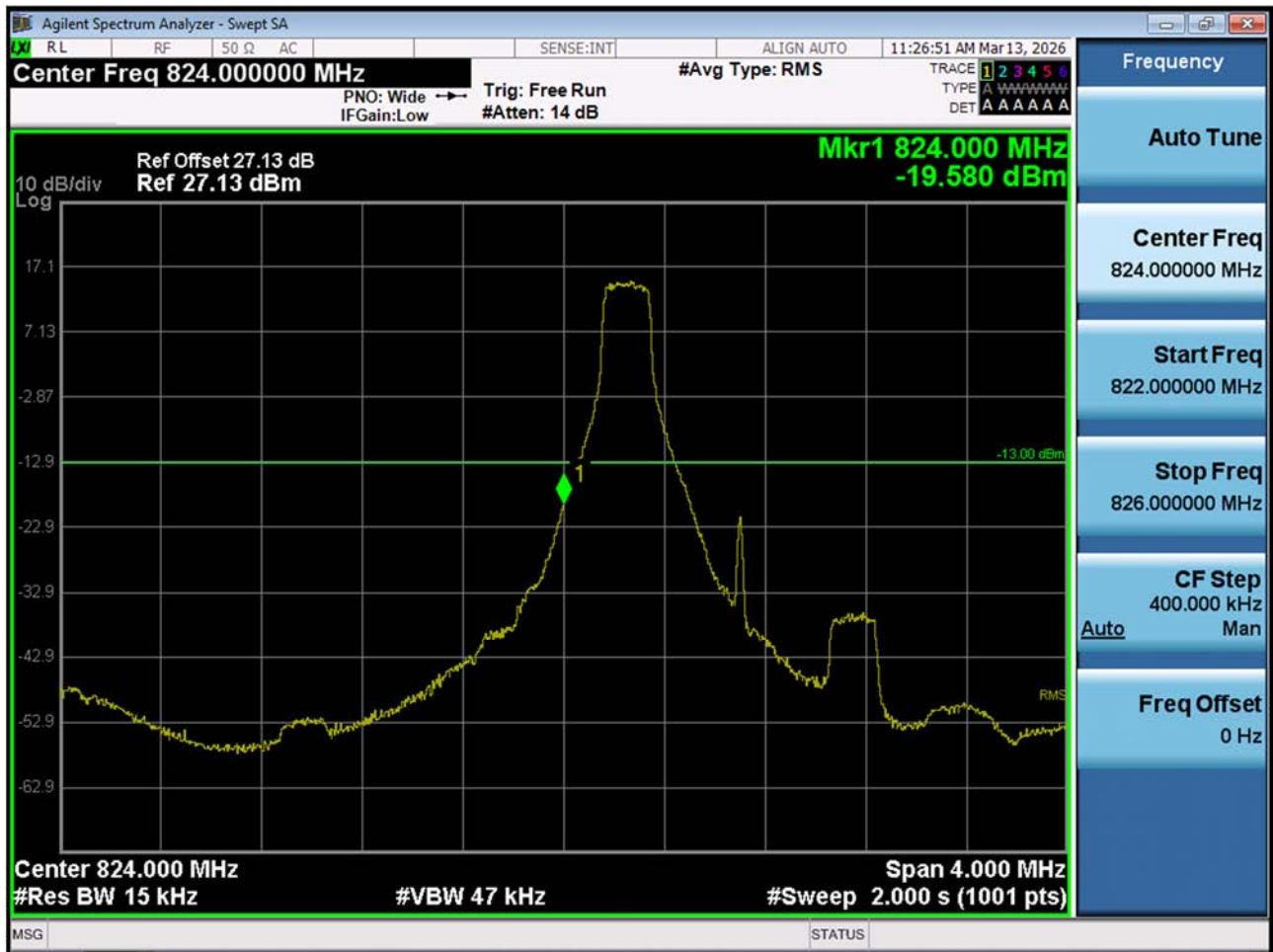


LTE B26_15 M_Conducted Spurious Emissions(30 M-10 G)_High_QPSK_1RB



9.4 BAND EDGE

LTE B26(5)_Lower Band Edge Plot (1.4 M BW Ch.26797 QPSK_RB1_Offset 0)



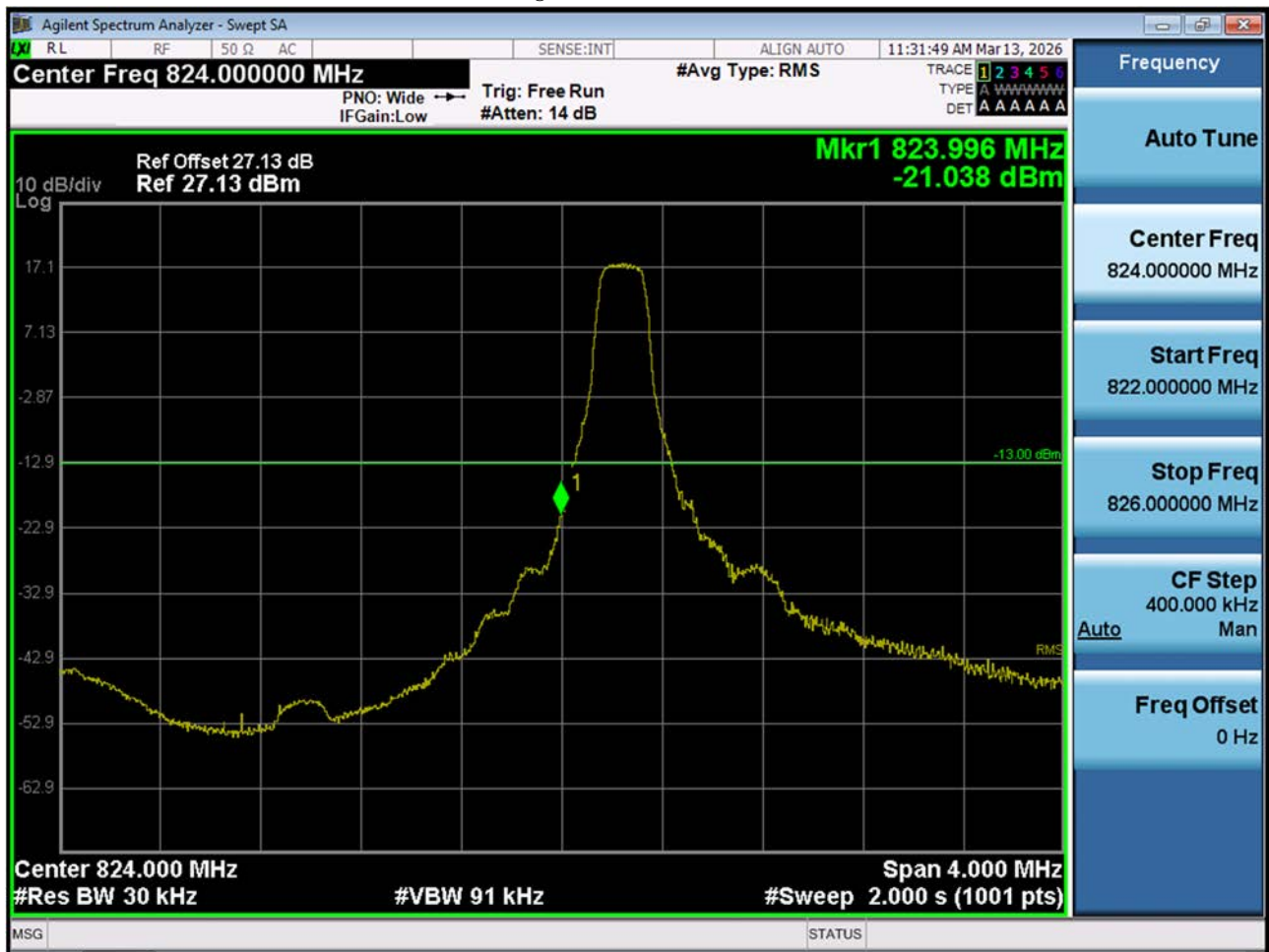
LTE B26(5)_Lower Band Edge Plot (1.4 M BW Ch.26797 QPSK_RB6_Offset 0)



LTE B26(5)_Lower Extended Band Edge Plot (1.4 M BW Ch.26797 QPSK_RB6_0)



LTE B26(5)_Lower Band Edge Plot (3 M BW Ch.26805 QPSK_RB1_Offset 0)



LTE B26(5)_Lower Band Edge Plot (3 M BW Ch.26805 QPSK_RB15_Offset 0)



LTE B26(5)_Lower Extended Band Edge Plot (3 M BW Ch.26805 QPSK_RB15_0)

