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Radio Test report

Report ID:

REP170650

Project ID:

PRJ0101133

Applicant:

Amplitech Group Inc.

Model number (HVIN):

RRU4861

Product description:

Remote Radio Unit (RRU), LTE/NR Base Station

FCC ID:

2BNMP-RRU4861

ISED certification number:

34498-RRU4861

Requirements/Summary:

Standard	Environmental phenomenon	Compliance
FCC 47 CFR Part 27	Miscellaneous Wireless Communication Services (2620-2690 MHz)	Yes
RSS-199, Issue 4	Broadband Radio Service (BRS) Equipment Operating in the Band 2500-2690 MHz	Yes
FCC 47 CFR Part 27	Miscellaneous Wireless Communication Services (2345-2360 MHz)	Yes
RSS-195, Issue 3	Wireless Communication Service (WCS) Equipment Operating in the Band 2345-2360	Yes

Date of issue: July 14, 2026

Dhara Patel, EMC/RF Test Specialist

Tested by

Signature

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Reviewed by

Signature

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ANAB File Number: AT-3195 (Ottawa); AT-3193 (Pointe-Claire); AT-3194 (Cambridge)



Lab locations

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Test site registration number	– CA2040 (Ottawa) – CA2041 (Montreal) – CA0101 (Cambridge)		
Website	www.nemko.com		

Limits of responsibility

Note that the results contained in this report relate only to the items tested and were obtained in the period between the date of initial receipt of samples and the date of issue of the report.

This test report has been completed in accordance with the requirements of ISO/IEC 17025. All results contain in this report are within Nemko Canada's ISO/IEC 17025 accreditation.

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Section 1. Report summary

1.1 Applicant and manufacturer

Company name	AmpliTech Group Inc.
Address	155 Plant Avenue, Hauppauge, NY, 11788 USA

1.2 Test specifications

FCC 47 CFR Part 27	Miscellaneous Wireless Communications Services (2620-2690 MHz)
RSS-199, Issue 4, July 2023	Broadband Radio Service (BRS) Equipment Operating in the Band 2620-2690 MHz
FCC 47 CFR Part 27	Miscellaneous Wireless Communications Services (2345-2360 MHz)
RSS-195, Issue 3, July 2026	Wireless Communication Service (WCS) Equipment Operating in the Bands 2305-2320 MHz and 2345-2360 MHz
RSS-Gen, Issue 5, April 2018	General Requirements for Compliance of Radio Apparatus

1.3 Test method

ANSI C63.26-2015	American National Standard for Compliance Testing of Transmitters Used in Licensed Radio Services
KDB 484596 D01	Referencing Test Data v02r03 (March 26, 2024)

1.4 Statement of compliance

In the configuration tested, the EUT was found compliant. Testing was completed against customer test plan. Results obtained indicate that the product under test complies in full with the requirements tested.

1.5 Test report revision history

Table 1.5-1: Test report revision history

Report ID	Date of issue	Details of changes made to test report
REP170650	July 14, 2026	Original report issued



Section 2. Summary of test results

2.1 Testing location

Test location (s)	Ottawa
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2.2 Testing period

Test start date	June 12, 2026	Test end date	June 23, 2026
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2.3 Sample information

Receipt date	June 12, 2026	Nemko sample ID number	PRJ01011330001
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2.4 Test results

Table 2.4-1: FCC results summary

Part	Test description	Verdict
§27.5(i)(2)(iii)	Frequencies (2620-2690 MHz band)	Pass
§27.50(h)(1)	Maximum output power at RF antenna connector	Pass
§27.53(m)	Spurious emissions at RF antenna connector	Pass
§27.53(m)	Radiated spurious emissions	Pass
§27.5(a)	Frequencies (2345-2350 MHz band)	Pass
§27.50(a)(1)	Maximum output power at RF antenna connector	Pass
§27.53(a)(1)	Spurious emissions at RF antenna connector	Pass
§27.53(a)(1)	Radiated spurious emissions	Pass
§27.54	Frequency stability	Pass
§2.1049	Occupied bandwidth	Pass

Notes: None

Table 2.4-2: ISSED results summary

Part	Test description	Verdict
RSS-199, 5.2	Band Plan	Pass ¹
RSS-199, 5.3	Types of Modulation	Pass ³
RSS-199, 5.4	Frequency stability	Pass
RSS-199, 5.5	Transmitter Power	Pass
RSS-199, 5.6	Transmitter Unwanted Emissions (conducted and radiated)	Pass
RSS-195, 5.2	Band Plan	Pass ²
RSS-195, 5.4	Types of Modulation	Pass ³
RSS-195, 5.5	Frequency stability	Pass
RSS-195, 5.6	Transmitter Output Power	Pass
RSS-195, 5.7	Transmitter Unwanted Emissions (conducted and radiated)	Pass
RSS-Gen, 6.7	Occupied bandwidth	Pass

Notes:

- ¹ EUT transmits within 2620-2690 MHz frequency range
- ² EUT transmits within 2345–2350 MHz frequency range
- ³ EUT employs digital modulation (QPSK, 16QAM, 64QAM and 256QAM)

Section 3. Equipment under test (EUT) details

3.1 EUT information

Product name	RRU
Model	RRU4861
Part number	RUA1290001/1
Serial number	RU00026180019
ISED certification number (IC ID)	34498-RRU4861
FCC ID	2BNMP-RRU4861
Antenna ports	8
RF BW / IBW	B7, n7:70/70 MHz B30, n30:10/10MHz
Frequency	B7, n7:2620-2690 MHz B30, n30:2350-2360MHz
Nominal O/P per Antenna port per Band	B7, n7: 49 dBm per antenna port B30, n30: 43 dBm per antenna port
RAT	LTE, NR
Modulation	QPSK, 16QAM, 64QAM, 256QAM
Operating temperature	-40 to 55°C
Max RF Power (Declared)	B7, n7: 55 dBm total conducted power B30, n30: 49 dBm total conducted power
Supported carriers /band/ port SRO/MRO	B7: LTE 10, 20 MHz n7: NR 10, 20, 30 MHz B30: LTE 5, 10 MHz n30: NR 5, 10 MHz
Carrier Configuration:	n7: 1cc 10/20/30 MHz 2cc 10+10 MHz/20+20 MHz 3cc 10+10+10 MHz n30:5/10 MHz
Antenna gain*:	17 dBi
Cable loss*:	2.5 dB

***Note:** The equipment is marketed without an antenna. A 17 dBi antenna gain and 2.5 dB cable loss were assumed for EIRP and RF exposure compliance calculations. These values represent a typical deployment configuration and are not installation requirements. During site commissioning, the installer shall ensure that the final antenna gain, cable loss, and transmitter power settings do not result in EIRP or RF exposure levels exceeding the applicable FCC and ISED limits. Where a higher-gain antenna or lower cable loss is used, the transmitter output power shall be reduced accordingly.

3.2 Product description and theory of operation

EUT description of the methods used to exercise the EUT and all relevant ports:

Description/theory of operation	The RRU4861 supports N7 (4T4R) and N30 (4T4R). A maximum of 3 CCs are supported for N7, 1 CC is supported for N30.	
Ports/Interface	Port	Description
	ANT0,2,4,6	n7 Antenna Port
	ANT1,3,5,7	n30 Antenna Port
Software details	NOVA_GUI_20260216	
Physical	Dimensions	550mm x 400mm x 138mm
	Weight	29.8kg ± 5%
	Operating Temperature	-40 to 55 °C
	Cooling	Natural Cooling

3.3 EUT test details

B7 LTE Test Configurations:

Carriers	CBW (MHz)	Low (MHz)	Middle (MHz)	High (MHz)
LTE 1C	10	2625.0	2655.0	2685.0
	20	2630.0	2655.0	2680.0
LTE 2NC	10	2625.0		
	20	2630.0		
LTE 3NC	10	2625.0		

n7 NR Test Configurations:

Carriers	CBW (MHz)	Low (MHz)	Middle (MHz)	High (MHz)
NR 1C	10	2625.0	2655.0	2685.0
	20	2630.0	2655.0	2680.0
	30	2635.0	2655.0	2675.0
NR 2NC	10	2625.0		
	20	2630.0		
NR 3NC	10	2625.0		

B30 LTE Test Configurations:

Carriers	CBW (MHz)	Low (MHz)	High (MHz)
LTE 1C	5	2352.5	2357.5
	10	2355.0	

n30 NR Test Configurations:

Carriers	CBW (MHz)	Low (MHz)	High (MHz)
NR 1C	5	2352.5	2357.5
	10	2355.0	

Radiated Emissions Test Configurations (Dual Band):

	Carriers
SC	N7: NR 10 MHz Bottom and N30: NR 5 MHz Top
	N7: NR 10 MHz Bottom and N30: NR 10 MHz
MC	N7: NR 10 MHz Bottom + NR 10 MHz Top and N30: NR 10 MHz

3.4 EUT setup diagram

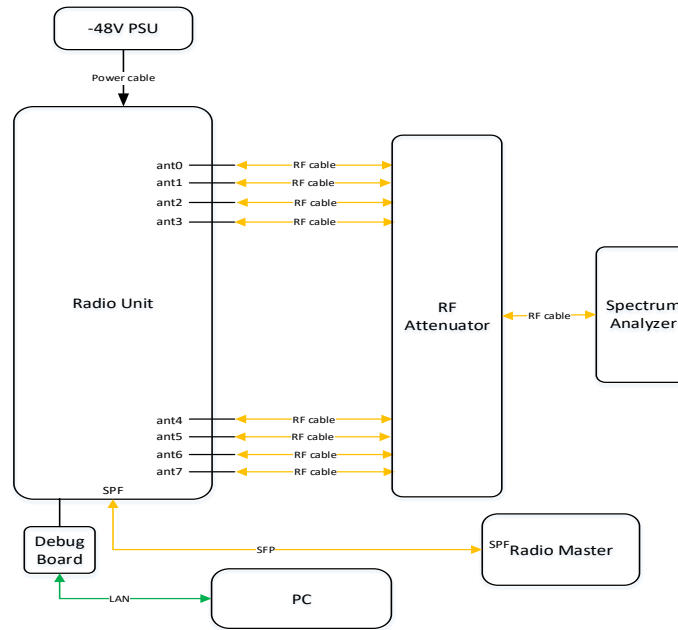


Figure 3.4-1: Block diagram – Radio Compliance

Section 4. Engineering considerations

4.1 Modifications incorporated in the EUT

There were no modifications performed to the EUT during this assessment.

4.2 Technical judgment

None

4.3 Model variant declaration

There were no model variants declared by the applicant.

4.4 Deviations from laboratory tests procedures

No deviations were made from laboratory procedures.

Section 5. Test conditions

5.1 Atmospheric conditions

Temperature	15–30 °C
Relative humidity	20–75 %
Air pressure	860–1060 mbar

When it is impracticable to carry out tests under these conditions, a note to this effect stating the ambient temperature and relative humidity during the tests shall be recorded and stated.

5.2 Power supply range

The normal test voltage for equipment to be connected to the mains shall be the nominal mains voltage. For the purpose of the present document, the nominal voltage shall be the declared voltage, or any of the declared voltages $\pm 5\%$, for which the equipment was designed.
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Section 6. Measurement uncertainty

6.1 Uncertainty of measurement

Measurement	Measurement uncertainty, $\pm$ dB
Radiated spurious emissions (30 MHz to 1 GHz)	5.8
Radiated spurious emissions (1 GHz to 6 GHz)	4.7
Radiated spurious emissions (6 GHz to 18 GHz)	5.0
Radiated spurious emissions (18 GHz to 26 GHz)	5.0
RF Output power measurement using Spectrum Analyzer ¹	0.69
RF Output power measurement using Power Meter	0.54
Conducted spurious emissions	0.94
Frequency stability	163 Hz
Occupied Bandwidth	0.36%
Notes: UKAS Lab 34, TIA-603 and ETSI TR 100 028-1&2 have been used as guidance for measurement uncertainty reasonable estimations with regards to previous experience and validation of data. Nemko Canada Inc. follows these test methods in order to satisfy ISO/IEC 17025 requirements for estimation of uncertainty of measurement for wireless products. Measurement uncertainty calculations assume a coverage factor of $K = 2$ with 95% certainty.	

Section 7. Test equipment

7.1 Test equipment list

Table 7.1-1: Equipment list

Equipment	Manufacturer	Model no.	Asset no.	Cal cycle	Next cal.
3 m EMI test chamber	TDK	SAC-3	FA002047	1 year	September 14, 2026
Flush mount turntable	Sunol	FM2022	FA002082	—	NCR
Controller	Sunol	SC104V	FA002060	—	NCR
Antenna mast	Sunol	TLT2	FA002061	—	NCR
61505 AC/DC programmable source	Chroma	61509	FA003036	—	NCR
Receiver/spectrum analyzer	Rohde & Schwarz	ESU 26	FA002043	1 year	January 29, 2027
Spectrum analyzer	Rohde & Schwarz	FSV 40	FA002731	1 year	April 29, 2027
Bilog antenna (20–2000 MHz)	Sun AR	JB1	FA003009	1 year	July 9, 2026
Horn antenna (1–18 GHz)	ETS Lindgren	3117	FA002840	1 year	June 2, 2027
Preamp (1–18 GHz)	ETS Lindgren	124334	FA002877	1 year	January 21, 2027
Notch filter 5470–5725 MHz	Microwave Circuits	N0555982	FA002012	1 year	May 11, 2027
Notch filter 5150–5350 MHz	Microwave Circuits	5150–5350 MHz	FA001941	1 year	May 11, 2027
2.4 GHz band Notch Filter	Microwave Circuits	N0324413	FA003306	1 year	March 10, 2027
50 Ω coax cable	Carlisle	WHU18-1818-072	FA002391	1 year	October 7, 2026
50 Ω coax cable	Huber+Suhner	104B11NX2/11000	FA003441	1 year	October 7, 2026
Horn antenna (18–40 GHz)	EMCO	3116	FA001847	3 year	May 21, 2027
Pre-amplifier (18–26 GHz)	Narda	BBS-1826N612	FA001550	1 year	March 11, 2027

Notes: NCR - no calibration required

All equipment related to the contribution of measurement has been included in this list. Such items include, but are not limited to, cables, attenuators, directional couplers, and pre-amps.

Table 7.1-2: Automation software details

Test description	Manufacturer of Software	Details
Radiated spurious emissions	Rohde & Schwarz	EMC32, Software for EMC Measurements, Version 11.20.00

Section 8. Testing data

8.1 Transmitter output power (Band 2620–2690 MHz)

8.1.1 Definitions and limits

RSS-199 Section 5.5:

The maximum output power of the equipment shall comply with the limits specified in table 3. In this table, maximum power refers to the equivalent isotropically radiated power (e.i.r.p.) or total radiated power (TRP), measured in terms of average values.

The maximum power limits for fixed station and base station are provided in the table below. The limits in this RSS are specified for the purpose of certification and may not apply to all deployment scenarios. Consult SRSP-517 for more deployment details in the band 2500-2690 MHz.

Table 8.1-1: Maximum power of fixed station and base station in the band 2500-2690 MHz

Equipment type	Maximum power
Non-AAS fixed station and base station	e.i.r.p of 1640 W /MHz
AAS fixed station and base station	TRP of 43 dBm /MHz

In addition, the peak-to-average power ratio (PAPR) of the transmitter shall not exceed 13 dB for more than 0.1% of the time and shall use a signal corresponding to the highest PAPR during periods of continuous transmission.

FCC §27.50(h)(1): Main, booster and base stations.

(i) The maximum EIRP of a main, booster or base station shall not exceed $33 \text{ dBW} + 10\log(X/Y) \text{ dBW}$, where X is the actual channel width in MHz and Y is either 6 MHz if prior to transition or the station is in the MBS following transition or 5.5 MHz if the station is in the LBS and UBS following transition, except as provided in paragraph (h)(1)(ii) of this section.

8.1.2 Test summary

Verdict	Pass		
Test date	June 19, 2026 – June 23, 2026	Temperature	20.5-21.5 °C
Tested by	Dhara Patel	Air pressure	1001-1008.5 mbar
Test location	Ottawa	Relative humidity	65-68 %

8.1.3 Observations, settings, and special notes

Output power was measured with RMS power meter per ANSI C63.26 Paragraph 5.2.4.2 method. PSD was measured using method described in paragraph 5.2.4.4.2.

- Sample plots provided for information and settings only and represent the worst-case results.
- The EUT supports Band 7 operation exclusively on RF ports 0,2, 4 and 6.
- Total MIMO Power was calculated as follows: Power from one antenna port + $10 \times \text{Log}_{10}(4)$
- RBS (Radio Base Station) Output Power Limits are deployment dependent. To ensure compliance with legal limits detailed in section 8.1.1, RBS set up and carrier configurations are addressed during site commissioning.
- Test Report results are compiled for the maximum rated output power for worst case emission assessment.
- All modulation configurations were pretested to identify the representative modulation yielding the worst-case power level. The modulation that resulted in the worst-case scenario was QPSK.
- This radio unit is tested without the antenna. Licenses are required to assess and consider installation and deployment criteria along with maximum power settings, antenna gain, and feeder loss for all carrier configurations to ensure compliance against TRP limits as defined by the ISED regulations. (See section 8.1.1).
- The minimum supported channel bandwidth of 10 MHz was evaluated as the worst case since it results in the most stringent FCC output power limit. For a 10 MHz channel, the calculated FCC limits are 65.59 dBm EIRP ($\gamma = 5.5$ MHz) and 65.22 dBm EIRP ($\gamma = 6$ MHz).
- The applicable ISED limit is 62.15 dBm EIRP, which is more restrictive than the FCC limits. Therefore, the tabulated results are evaluated against the 62.15 dBm EIRP limit
- **Maximum measured PSD to EIRP limit margin is 8.61 dB. Power settings and carrier configurations will be limited to lower power as warranted based on deployment scenarios as per ISED regulations as defined in section 8.1.1.**

Detector mode	RMS
Resolution bandwidth	1 MHz
Video bandwidth	>RBW
Measurement mode	Power over channel bandwidth
Trace mode	Averaging
Measurement time	Auto

8.1.4 Test data

Table 8.1-2: EIRP calculation based on the worst-case PSD measurement for LTE 10 MHz

Frequency, MHz	RF power density, dBm/MHz	Total MIMO PSD, dBm/MHz	Cable loss, dB	Antenna gain, dBi	EIRP PSD, dBm/MHz	EIRP limit, dBm/MHz	Margin, dB
2655.00	33.02	39.04	2.50	17.00	53.54	62.15	8.61

Table 8.1-3: RF power density measurement results of a single-carrier operation for LTE on 10 MHz channel

Frequency, MHz	RF power density, dBm/MHz	Total MIMO PSD, dBm/MHz	Cable loss, dB	Antenna gain, dBi	EIRP PSD dBm/MHz	EIRP limit, dBm/MHz	Margin, dB
2625.00	32.90	38.92	2.50	17.00	53.42	62.15	8.73
2655.00	33.02	39.04	2.50	17.00	53.54	62.15	8.61
2685.00	32.55	38.57	2.50	17.00	53.07	62.15	9.08

Table 8.1-4: RF power density measurement results of a single-carrier operation for LTE on 20 MHz channel

Frequency, MHz	RF power density, dBm/MHz	Total MIMO PSD, dBm/MHz	Cable loss, dB	Antenna gain, dBi	EIRP PSD dBm/MHz	EIRP limit, dBm/MHz	Margin, dB
2630.00	32.44	38.46	2.50	17.00	52.96	62.15	9.19
2655.00	31.80	37.82	2.50	17.00	52.32	62.15	9.83
2680.00	32.16	38.18	2.50	17.00	52.68	62.15	9.47

Table 8.1-5: RF power density measurement results of a single-carrier operation for NR on 10 MHz channel

Frequency, MHz	RF power density, dBm/MHz	Total MIMO PSD, dBm/MHz	Cable loss, dB	Antenna gain, dBi	EIRP PSD dBm/MHz	EIRP limit, dBm/MHz	Margin, dB
2625.00	32.79	38.81	2.50	17.00	53.31	62.15	8.84
2655.00	32.16	38.18	2.50	17.00	52.68	62.15	9.47
2685.00	32.27	38.29	2.50	17.00	52.79	62.15	9.36

Table 8.1-6: RF power density measurement results of a single-carrier operation for NR on 20 MHz channel

Frequency, MHz	RF power density, dBm/MHz	Total MIMO PSD, dBm/MHz	Cable loss, dB	Antenna gain, dBi	EIRP PSD dBm/MHz	EIRP limit, dBm/MHz	Margin, dB
2630.00	31.60	37.62	2.50	17.00	52.12	62.15	10.03
2655.00	31.84	37.86	2.50	17.00	52.36	62.15	9.79
2680.00	31.98	38.00	2.50	17.00	52.50	62.15	9.65

Table 8.1-7: RF power density measurement results of a single-carrier operation for NR on 30 MHz channel

Frequency, MHz	RF power density, dBm/MHz	Total MIMO PSD, dBm/MHz	Cable loss, dB	Antenna gain, dBi	EIRP PSD dBm/MHz	EIRP limit, dBm/MHz	Margin, dB
2635.00	31.99	38.01	2.50	17.00	52.51	62.15	9.64
2655.00	30.35	36.37	2.50	17.00	50.87	62.15	11.28
2675.00	30.52	36.54	2.50	17.00	51.04	62.15	11.11

Test data, continued

Table 8.1-8: RF power density measurement results of a multi-carrier operation for 2xLTE 10 MHz channel [Non-Contiguous]

Notes	Channel	RF power density, dBm/MHz	Total MIMO PSD, dBm/MHz	Cable loss, dB	Antenna gain, dBi	EIRP PSD dBm/MHz	EIRP limit, dBm/MHz	Margin, dB
2 carriers	Mid	30.64	36.66	2.50	17.00	51.16	62.15	10.99

Table 8.1-9: RF power density measurement results of a multi-carrier operation for 2xLTE 20 MHz channel [Non-Contiguous]

Notes	Channel	RF power density, dBm/MHz	Total MIMO PSD, dBm/MHz	Cable loss, dB	Antenna gain, dBi	EIRP PSD dBm/MHz	EIRP limit, dBm/MHz	Margin, dB
2 carriers	Mid	31.70	37.72	2.50	17.00	52.22	62.15	9.93

Table 8.1-10: RF power density measurement results of a multi-carrier operation for 2xNR 10 MHz channel [Non-Contiguous]

Notes	Channel	RF power density, dBm/MHz	Total MIMO PSD, dBm/MHz	Cable loss, dB	Antenna gain, dBi	EIRP PSD dBm/MHz	EIRP limit, dBm/MHz	Margin, dB
2 carriers	Mid	30.74	36.76	2.50	17.00	51.26	62.15	10.89

Table 8.1-11: RF power density measurement results of a multi-carrier operation for 2xNR 20 MHz channel [Non-Contiguous]

Notes	Channel	RF power density, dBm/MHz	Total MIMO PSD, dBm/MHz	Cable loss, dB	Antenna gain, dBi	EIRP PSD dBm/MHz	EIRP limit, dBm/MHz	Margin, dB
2 carriers	Mid	32.11	38.13	2.50	17.00	52.63	62.15	9.52

Table 8.1-12: RF power density measurement results of a multi-carrier operation for 3xLTE 10 MHz channel [Non-Contiguous]

Notes	Channel	RF power density, dBm/MHz	Total MIMO PSD, dBm/MHz	Cable loss, dB	Antenna gain, dBi	EIRP PSD dBm/MHz	EIRP limit, dBm/MHz	Margin, dB
2 carriers	Mid	32.27	38.29	2.50	17.00	52.79	62.15	9.36

Table 8.1-13: RF power density measurement results of a multi-carrier operation for 3xNR 10 MHz channel [Non-Contiguous]

Notes	Channel	RF power density, dBm/MHz	Total MIMO PSD, dBm/MHz	Cable loss, dB	Antenna gain, dBi	EIRP PSD dBm/MHz	EIRP limit, dBm/MHz	Margin, dB
2 carriers	Mid	31.90	37.92	2.50	17.00	52.42	62.15	9.73

Test data, continued

Table 8.1-14: RF Total Transmit Power Measurement Results for LTE, 10 MHz Bandwidth

Remarks	Transmit power, dBm
Low channel	42.99
Mid channel	43.10
Top channel	43.04

Table 8.1-15: RF Total Transmit Power Measurement Results for LTE, 20 MHz Bandwidth

Remarks	Transmit power, dBm
Low channel	45.42
Mid channel	45.44
Top channel	45.40

Table 8.1-16: RF Total Transmit Power Measurement Results for NR, 10 MHz Bandwidth

Remarks	Transmit power, dBm
Low channel	43.07
Mid channel	43.09
Top channel	43.02

Table 8.1-17: RF Total Transmit Power Measurement Results for NR, 20 MHz Bandwidth

Remarks	Transmit power, dBm
Low channel	45.46
Mid channel	45.46
Top channel	45.43

Table 8.1-18: RF Total Transmit Power Measurement Results for NR, 30 MHz Bandwidth

Remarks	Transmit power, dBm
Low channel	46.99
Mid channel	47.02
Top channel	46.98

Table 8.1-19: RF Total Transmit Power Measurement Results for 2×LTE 10 MHz [Non-contiguous]

Carriers	Transmit power, dBm
2 Carriers	45.16

Table 8.1-20: RF Total Transmit Power Measurement Results for 2×LTE 20 MHz [Non-contiguous]

Carriers	Transmit power, dBm
2 Carriers	48.28

Test data, continued

Table 8.1-21: RF Total Transmit Power Measurement Results for 2×NR 10 MHz [Non-contiguous]

Carriers	Transmit power, dBm
2 Carriers	45.02

Table 8.1-22: RF Total Transmit Power Measurement Results for 2×NR 20 MHz [Non-contiguous]

Carriers	Transmit power, dBm
2 Carriers	48.31

Table 8.1-23: RF Total Transmit Power Measurement Results for 3×LTE 10 MHz [Non-contiguous]

Carriers	Transmit power, dBm
3 Carriers	47.11

Table 8.1-24: RF Total Transmit Power Measurement Results for 3×NR 10 MHz [Non-contiguous]

Carriers	Transmit power, dBm
3 Carriers	47.15

Test data, continued

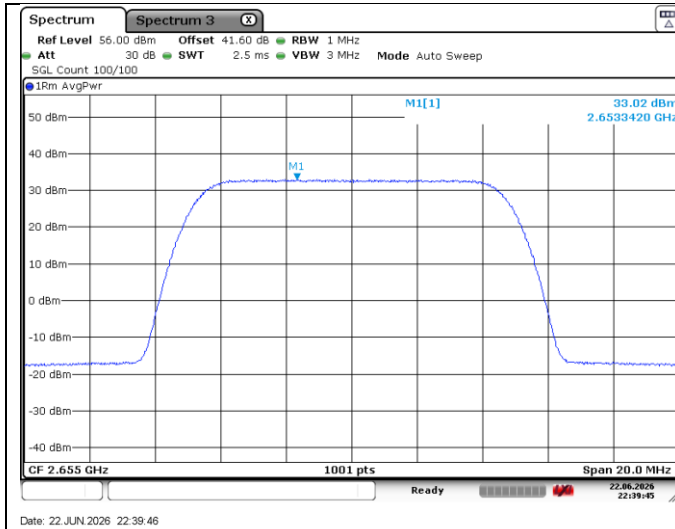


Figure 8.1-1: Power of LTE 10 MHz channel bandwidth, single carrier operation, sample plot

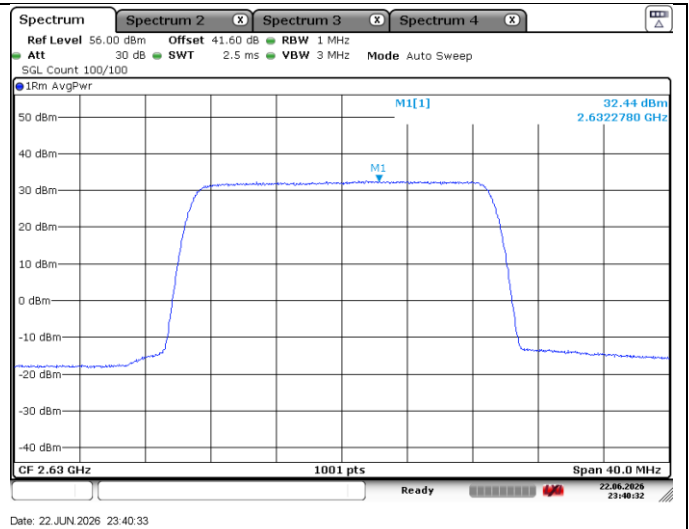


Figure 8.1-2: Power of LTE 20 MHz channel bandwidth, single carrier operation, sample plot

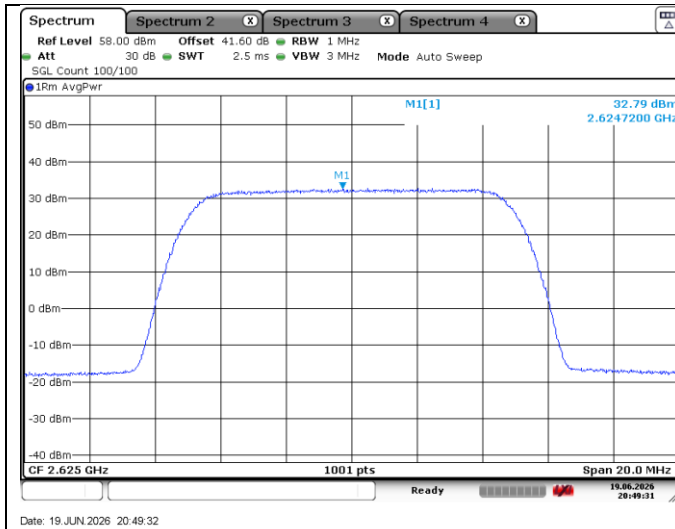


Figure 8.1-3: Power of NR 10 MHz channel bandwidth, single carrier operation, sample plot

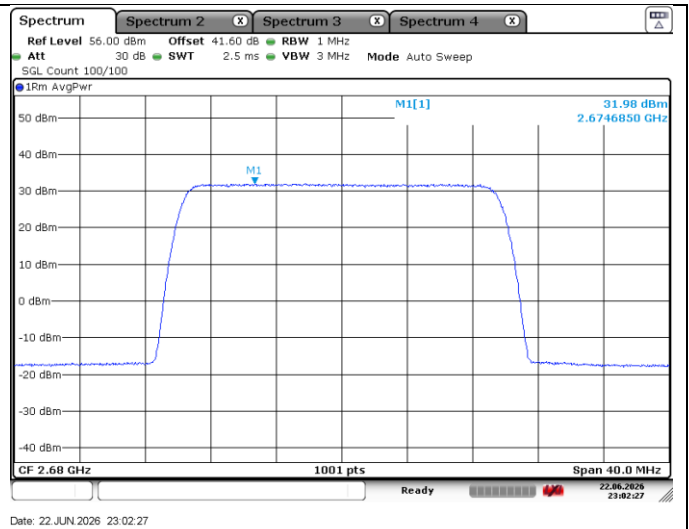


Figure 8.1-4: Power of NR 20 MHz channel bandwidth, single carrier operation, sample plot

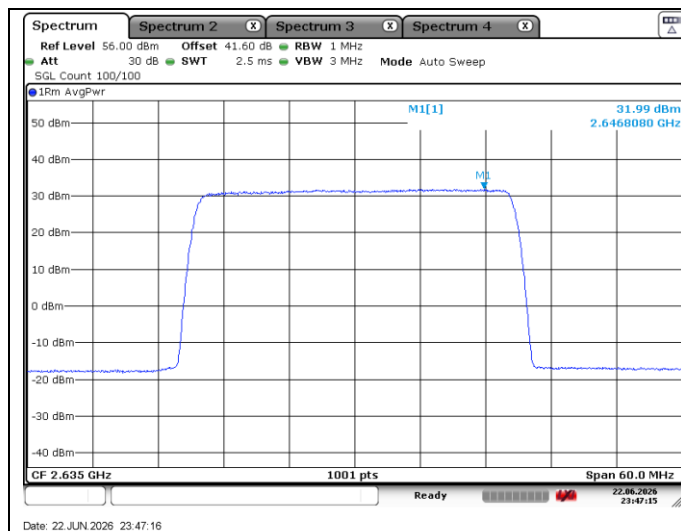


Figure 8.1-5: Power of NR 30 MHz channel bandwidth, single carrier operation, sample plot

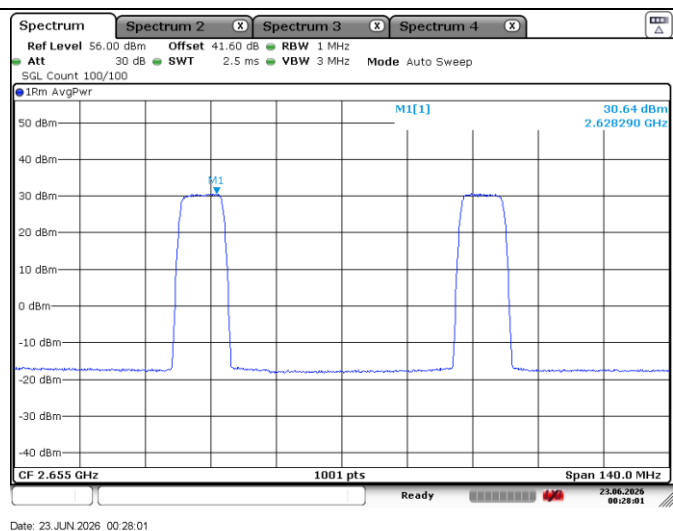


Figure 8.1-6: Power of 2xLTE 10 MHz channel bandwidth, multi-carrier non-contiguous operation, sample plot

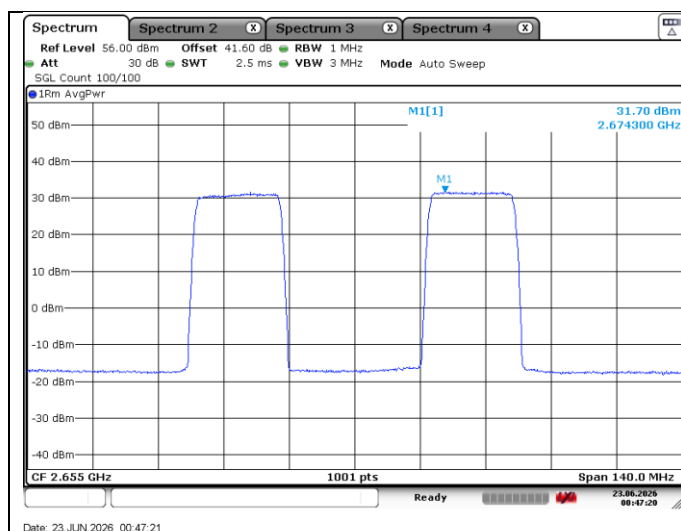


Figure 8.1-7: Power of 2xLTE 20 MHz channel bandwidth, multi-carrier non-contiguous operation, sample plot

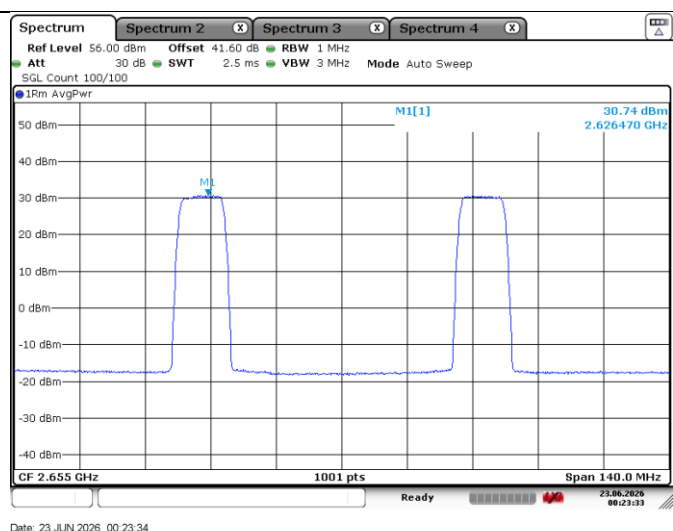


Figure 8.1-8: Power of 2xNR 10 MHz channel bandwidth, multi-carrier non-contiguous operation, sample plot

Test data, continued

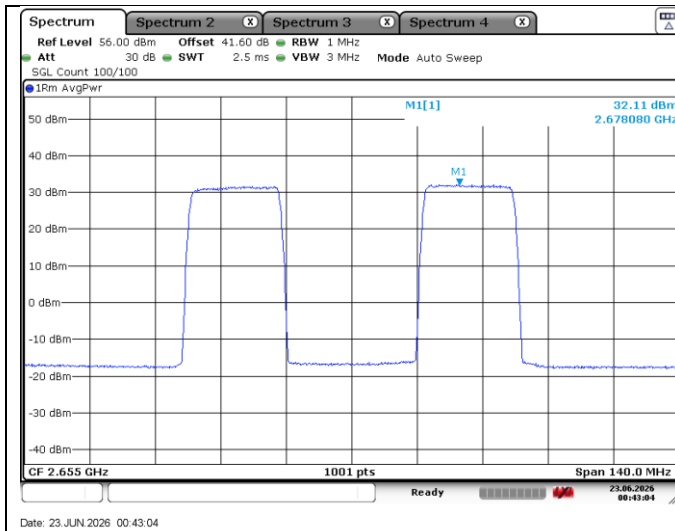


Figure 8.1-9: Power of 2xNR 20 MHz channel bandwidth, multi-carrier non-contiguous operation, sample plot

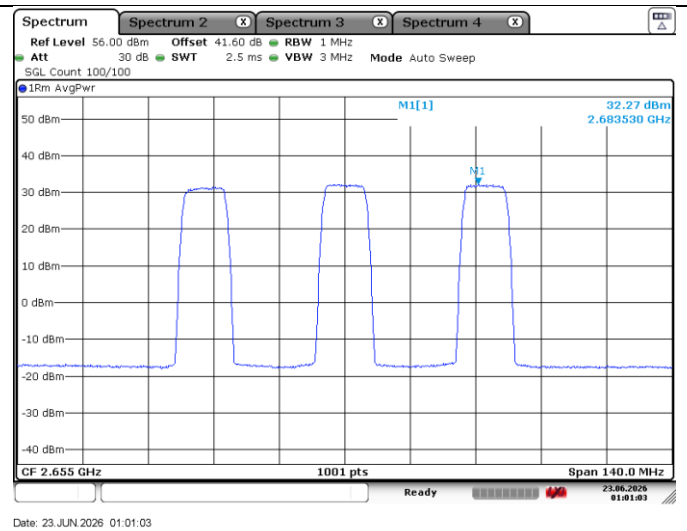


Figure 8.1-10 Power of 3xLTE 10 MHz channel bandwidth, multi-carrier non-contiguous operation, sample plot

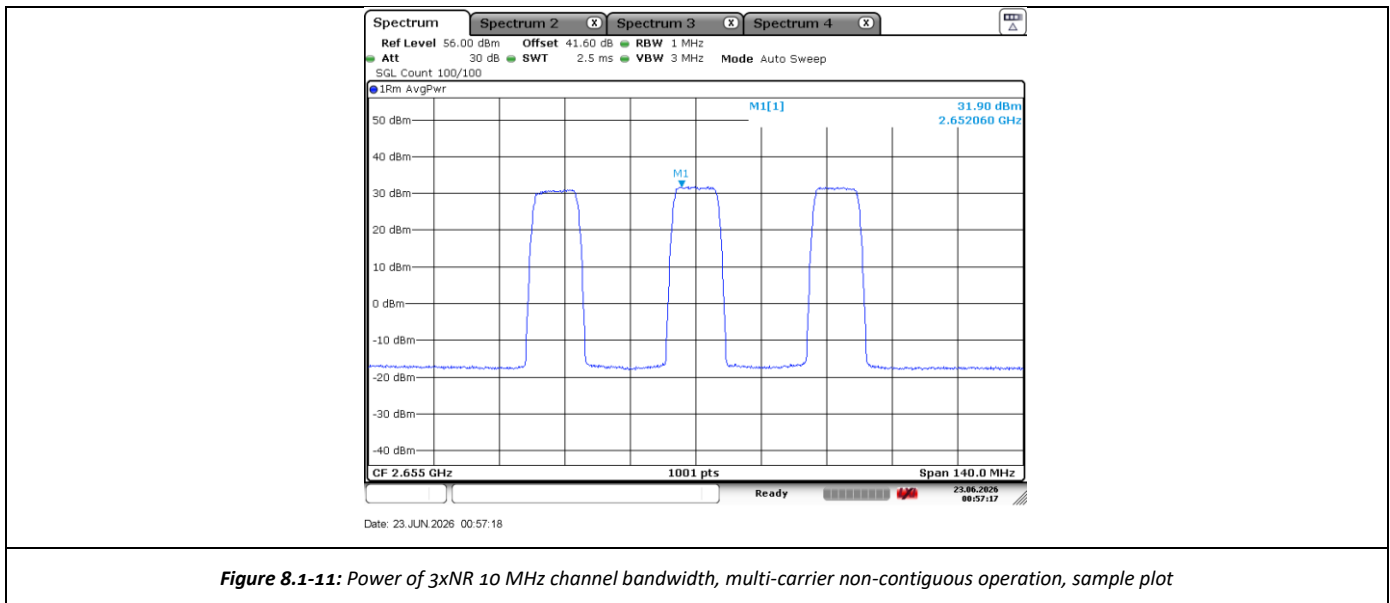


Figure 8.1-11: Power of 3xNR 10 MHz channel bandwidth, multi-carrier non-contiguous operation, sample plot

Test data, continued

Table 8.1-25: CCDF of the PAPR reduction measurement results for single carrier operation for LTE 10 MHz

Remarks	Frequency, MHz	0.1% CCDF, dB	PAPR reduction limit, dB	Margin, dB
10 MHz, Low channel	2625.00	8.12	13.00	4.88
10 MHz, Mid channel	2655.00	8.06	13.00	4.94
10 MHz, Top channel	2685.00	8.03	13.00	4.97

Table 8.1-26: CCDF of the PAPR reduction measurement results for single carrier operation for LTE 20 MHz

Remarks	Frequency, MHz	0.1% CCDF, dB	PAPR reduction limit, dB	Margin, dB
20 MHz, Low channel	2630.00	8.17	13.00	4.83
20 MHz, Mid channel	2655.00	8.06	13.00	4.94
20 MHz, Top channel	2680.00	8.06	13.00	4.94

Table 8.1-27: CCDF of the PAPR reduction measurement results for single carrier operation for NR 10 MHz

Remarks	Frequency, MHz	0.1% CCDF, dB	PAPR reduction limit, dB	Margin, dB
10 MHz, Low channel	2625.00	8.17	13.00	4.83
10 MHz, Mid channel	2655.00	8.14	13.00	4.86
10 MHz, Top channel	2685.00	8.06	13.00	4.94

Table 8.1-28: CCDF of the PAPR reduction measurement results for single carrier operation for NR 20 MHz

Remarks	Frequency, MHz	0.1% CCDF, dB	PAPR reduction limit, dB	Margin, dB
20 MHz, Low channel	2630.00	8.23	13.00	4.77
20 MHz, Mid channel	2655.00	8.17	13.00	4.83
20 MHz, Top channel	2680.00	8.20	13.00	4.80

Table 8.1-29: CCDF of the PAPR reduction measurement results for single carrier operation for NR 30 MHz

Remarks	Frequency, MHz	Peak, dB	Average, dB	Delta, dB	PAPR reduction limit, dB	Margin, dB
30 MHz, Low channel	2635.00	42.98	31.99	10.99	13.00	2.01
30 MHz, Mid channel	2655.00	41.25	30.35	10.90	13.00	2.10
30 MHz, Top channel	2675.00	41.31	30.52	10.79	13.00	2.21



Test data, continued

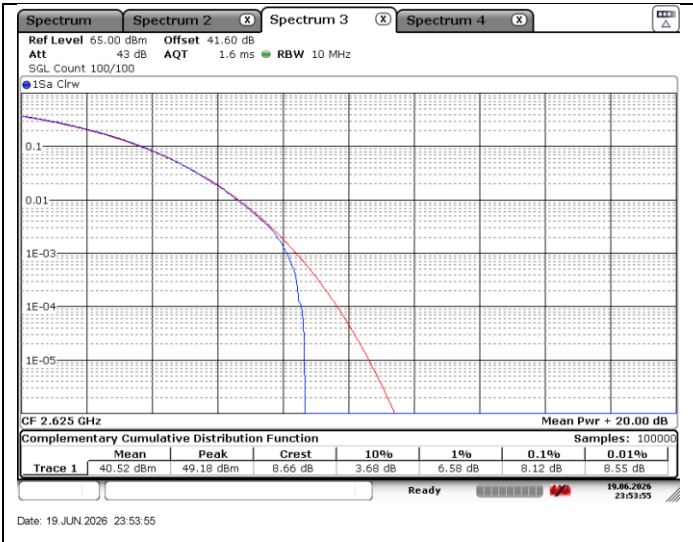


Figure 8.1-12: CCDF sample plot, LTE 10 MHz

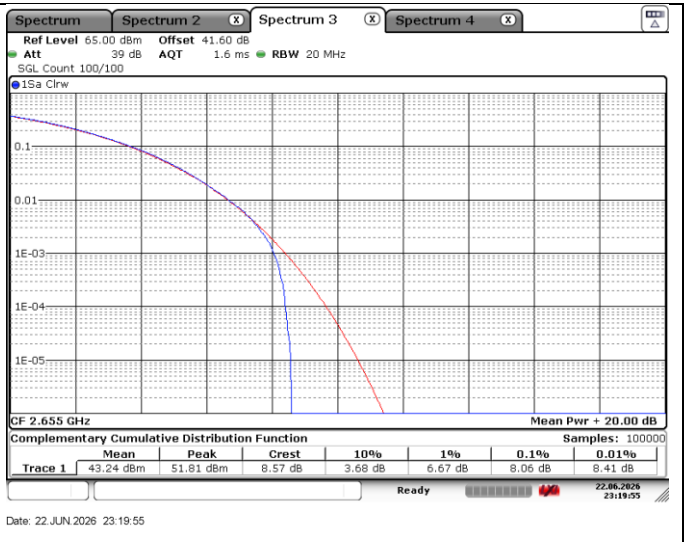


Figure 8.1-13: CCDF sample plot, LTE 20 MHz

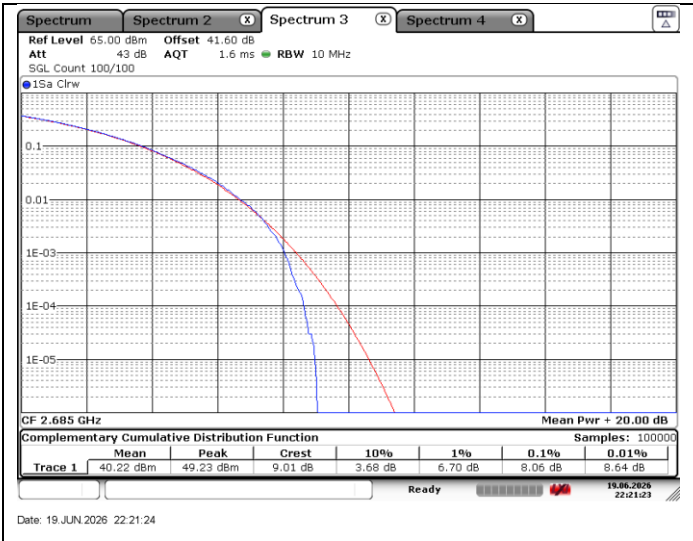


Figure 8.1-14: CCDF sample plot, NR 10 MHz

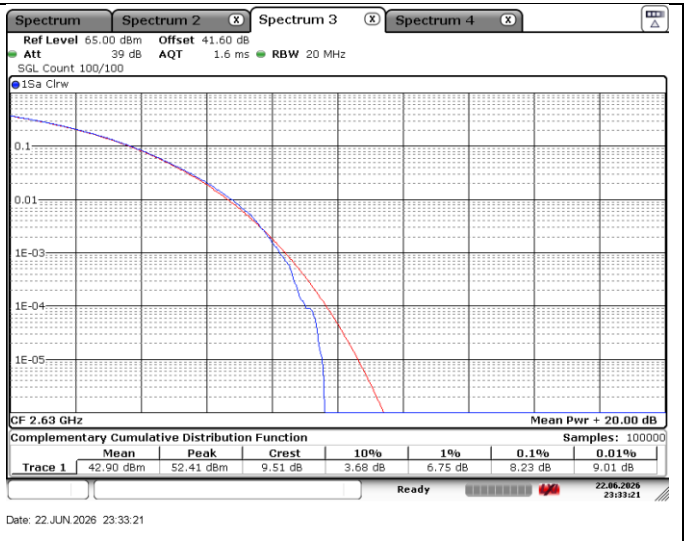


Figure 8.1-15: CCDF sample plot, NR 20 MHz

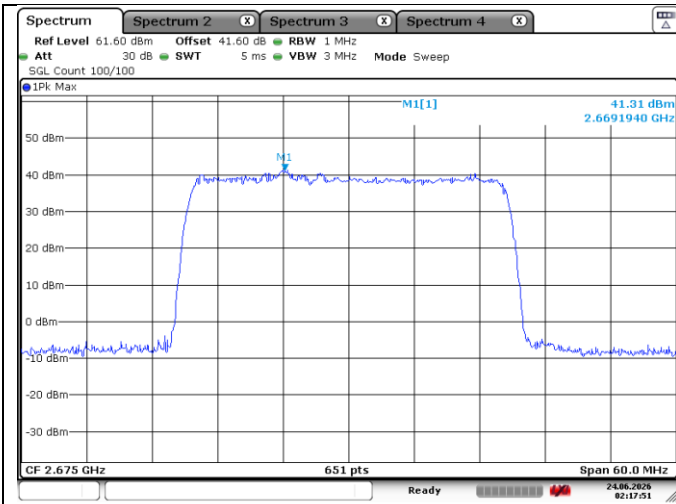


Figure 8.1-16: CCDF sample plot, NR 30 MHz [peak]

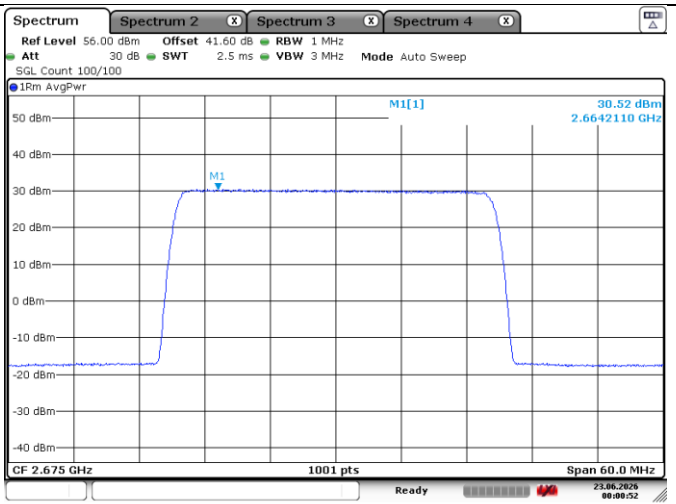


Figure 8.1-17: CCDF sample plot, NR 30 MHz [average]

8.2 Transmitter output power (Band 2345–2360 MHz)

8.2.1 Definitions and limits

§ 27.50 Power limits

(a) The following power limits and related requirements apply to stations transmitting in the 2305-2320 MHz band or the 2345-2360 MHz band.

(1) Base and fixed stations.

(i) For base and fixed stations transmitting in the 2305-2315 MHz band or the 2350-2360 MHz band:

(A) The average equivalent isotropically radiated power (EIRP) must not exceed 2,000 watts within any 5 megahertz of authorized bandwidth and must not exceed 400 watts within any 1 megahertz of authorized bandwidth.

(B) The peak-to-average power ratio (PAPR) of the transmitter output power must not exceed 13 dB. The PAPR measurements should be made using either an instrument with complementary cumulative distribution function (CCDF) capabilities to determine that PAPR will not exceed 13 dB for more than 0.1 percent of the time or other Commission approved procedure. The measurement must be performed using a signal corresponding to the highest PAPR expected during periods of continuous transmission.

RSS-195 Section 5.6:

For base and fixed station equipment transmitting in the bands 2305 – 2315 MHz or 2350 – 2360 MHz, the transmitter output power shall be measured in terms of average values.

The maximum power spectral density of the equipment shall comply with the limits specified in the table below. These limits are either specified in terms of equivalent isotropically radiated power (e.i.r.p.) or TRP for the purpose of certification and may not apply to all deployment scenarios.

Table 8.2-1: Maximum power spectral density

Frequency Band (MHz)	Equipment type	Maximum power
2305 – 2315/2350 – 2360	Non-AAS fixed station and base station	400 W/MHz e.i.r.p
	AAS fixed station and base station	38 dBm/MHz TRP
	Fixed subscriber equipment	20 W/5 MHz e.i.r.p
	Mobile subscriber equipment	250 mW/5 MHz e.i.r.p

In addition, the peak-to-average power ratio (PAPR) of base and fixed station equipment in the frequency bands 2305 – 2315 MHz and 2350 – 2360 MHz shall not exceed 13 dB for more than 0.1% of the time, using a signal corresponding to the highest PAPR during periods of continuous transmission.

8.2.2 Test summary

Verdict	Pass		
Test date	June 19, 2026 – June 23, 2026	Temperature	20.5-21.5 °C
Tested by	Dhara Patel	Air pressure	1001-1008.5 mbar
Test location	Ottawa	Relative humidity	65-68 %

8.2.3 Observations, settings, and special notes

Output power was measured with RMS power meter per ANSI C63.26 Paragraph 5.2.4.2 method. PSD was measured using method described in paragraph 5.2.4.4.2.

- Sample plots provided for information and settings only and represent the worst-case results.
- The EUT supports Band 7 operation exclusively on RF ports 1, 3, 5 and 7.
- Total MIMO Power was calculated as follows: Power from one antenna port + $10 \times \log_{10}(4)$
- RBS (Radio Base Station) Output Power Limits are deployment dependent. To ensure compliance with legal limits detailed in section 8.1.1, RBS set up and carrier configurations are addressed during site commissioning.
- Test Report results are compiled for the maximum rated output power for worst case emission assessment.
- All modulation configurations were pretested to identify the representative modulation yielding the worst-case power level. The modulation that resulted in the worst-case scenario was QPSK
- This radio unit is tested without the antenna. Licenses are required to assess and consider installation and deployment criteria along with maximum power settings, antenna gain, and feeder loss for all carrier configurations to ensure compliance against TRP limits as defined by the ISED regulations. (See section 8.1.1).
- **Maximum measured PSD to EIRP limit margin is 2.79 dB. Power settings and carrier configurations will be limited to lower power as warranted based on deployment scenarios as per ISED regulations as defined in section 8.2.1.**
- Channel bandwidth in this document will be referenced as CB

Detector mode	RMS
Resolution bandwidth	1 MHz
Video bandwidth	>RBW
Measurement mode	Power over channel bandwidth
Trace mode	Averaging
Measurement time	Auto

8.2.4 Test data

Table 8.2-2: EIRP calculation based on the worst-case PSD measurement [1 MHz RBW]

Frequency, MHz	RF power density, dBm/MHz	Total MIMO PSD, dBm/MHz	Cable loss, dB	Antenna Gain, dBi	EIRP PSD, dBm/MHz	EIRP limit, dBm/MHz	Margin, dB
2357.50	32.71	38.73	2.50	17.00	53.23	56.02	2.79

Table 8.2-3: RF power density measurement results of a single-carrier operation for LTE on 5 MHz channel

Frequency, MHz	RF power density, dBm/MHz	Total MIMO PSD, dBm/MHz	Cable loss, dB	Antenna gain, dBi	EIRP PSD dBm/MHz	EIRP limit, dBm/MHz	Margin, dB
2352.50	32.09	38.11	2.50	17.00	52.61	56.02	3.41
2357.50	32.71	38.73	2.50	17.00	53.23	56.02	2.79

Table 8.2-4: RF power density measurement results of a single-carrier operation for LTE on 10 MHz channel

Frequency, MHz	RF power density, dBm/MHz	Total MIMO PSD, dBm/MHz	Cable loss, dB	Antenna gain, dBi	EIRP PSD dBm/MHz	EIRP limit, dBm/MHz	Margin, dB
2355.00	32.41	38.43	2.50	17.00	52.93	56.02	3.09

Table 8.2-5: RF power density measurement results of a single-carrier operation for NR on 5 MHz channel

Frequency, MHz	RF power density, dBm/MHz	Total MIMO PSD, dBm/MHz	Cable loss, dB	Antenna gain, dBi	EIRP PSD dBm/MHz	EIRP limit, dBm/MHz	Margin, dB
2352.50	32.21	38.23	2.50	17.00	52.73	56.02	3.29
2357.50	32.70	38.72	2.50	17.00	53.22	56.02	2.80

Table 8.2-6: RF power density measurement results of a single-carrier operation for NR on 10 MHz channel

Frequency, MHz	RF power density, dBm/MHz	Total MIMO PSD, dBm/MHz	Cable loss, dB	Antenna gain, dBi	EIRP PSD dBm/MHz	EIRP limit, dBm/MHz	Margin, dB
2355.00	32.68	38.70	2.50	17.00	53.20	56.02	2.82

Test data, continued

Table 8.2-7: EIRP calculation based on the *worst-case PSD measurement* [5 MHz RBW]

Frequency, MHz	RF power density, dBm/5 MHz	Total MIMO PSD, dBm/5 MHz	Cable loss, dB	Antenna Gain, dBi	EIRP PSD, dBm/5 MHz	EIRP limit, dBm/5 MHz	Margin, dB
2355.00	38.73	44.75	2.50	17.00	59.25	63.01	3.76

Table 8.2-8: RF power density measurement results of a single-carrier operation for LTE on 5 MHz channel

Frequency, MHz	RF power density, dBm/5 MHz	Total MIMO PSD, dBm/5 MHz	Cable loss, dB	Antenna gain, dBi	EIRP PSD dBm/5 MHz	EIRP limit, dBm/5 MHz	Margin, dB
2352.50	37.54	43.56	2.50	17.00	58.06	63.01	4.95
2357.50	37.60	43.62	2.50	17.00	58.12	63.01	4.89

Table 8.2-9: RF power density measurement results of a single-carrier operation for LTE on 10 MHz channel

Frequency, MHz	RF power density, dBm/5 MHz	Total MIMO PSD, dBm/5 MHz	Cable loss, dB	Antenna gain, dBi	EIRP PSD dBm/5 MHz	EIRP limit, dBm/5 MHz	Margin, dB
2355.00	38.51	44.53	2.50	17.00	59.03	63.01	3.98

Table 8.2-10: RF power density measurement results of a single-carrier operation for NR on 5 MHz channel

Frequency, MHz	RF power density, dBm/5 MHz	Total MIMO PSD, dBm/5 MHz	Cable loss, dB	Antenna gain, dBi	EIRP PSD dBm/5 MHz	EIRP limit, dBm/5 MHz	Margin, dB
2352.50	37.50	43.52	2.50	17.00	58.02	63.01	4.99
2357.50	38.13	44.15	2.50	17.00	58.65	63.01	4.36

Table 8.2-11: RF power density measurement results of a single-carrier operation for NR on 10 MHz channel

Frequency, MHz	RF power density, dBm/5 MHz	Total MIMO PSD, dBm/5 MHz	Cable loss, dB	Antenna gain, dBi	EIRP PSD dBm/5 MHz	EIRP limit, dBm/5 MHz	Margin, dB
2355.00	38.73	44.75	2.50	17.00	59.25	63.01	3.76

Table 8.2-12: RF Total Transmit Power Measurement Results for LTE, 5 MHz Bandwidth

Remarks	Transmit power, dBm
Low channel	39.46
Top channel	39.50

Table 8.2-13: RF Total Transmit Power Measurement Results for LTE, 10 MHz Bandwidth

Remarks	Transmit power, dBm
Mid channel	42.89

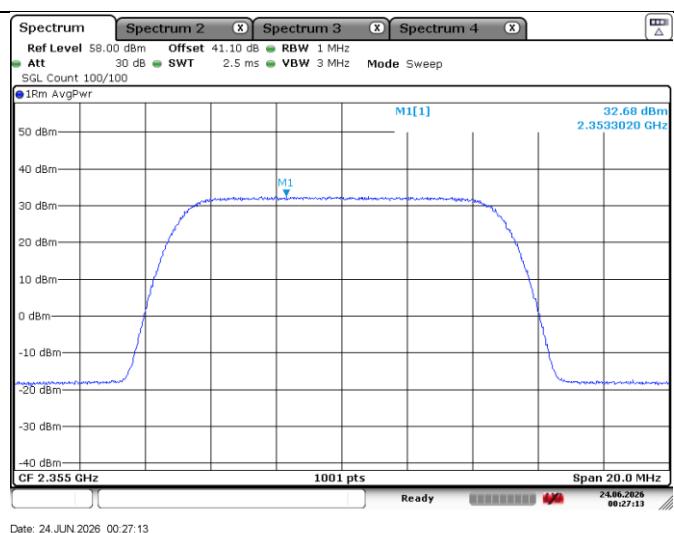
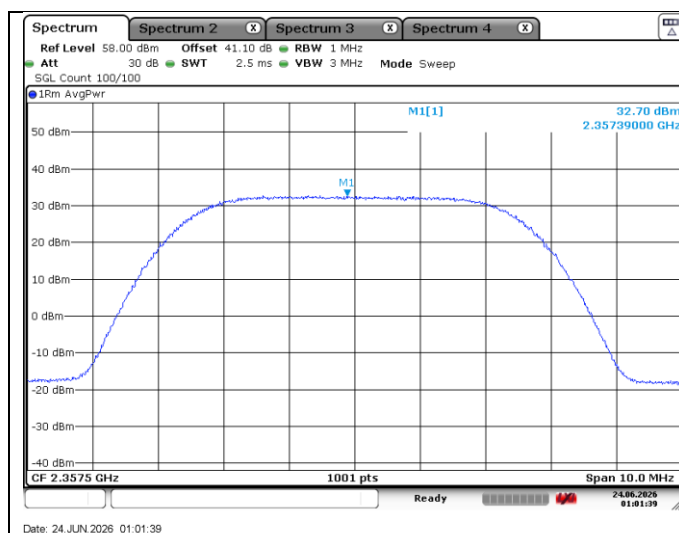
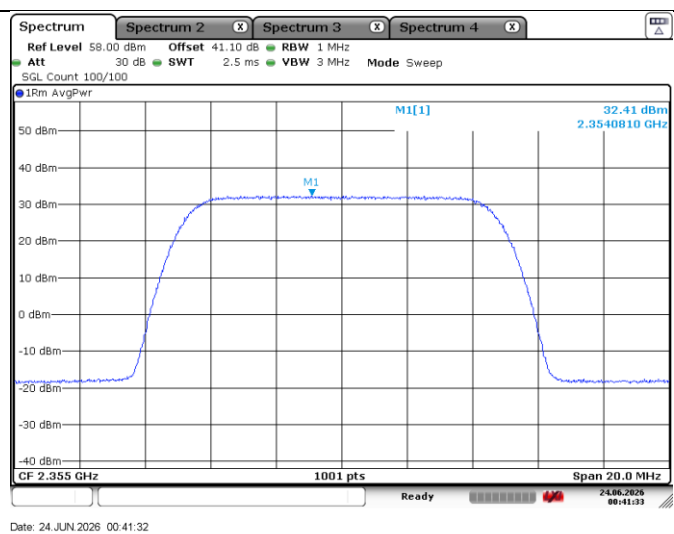
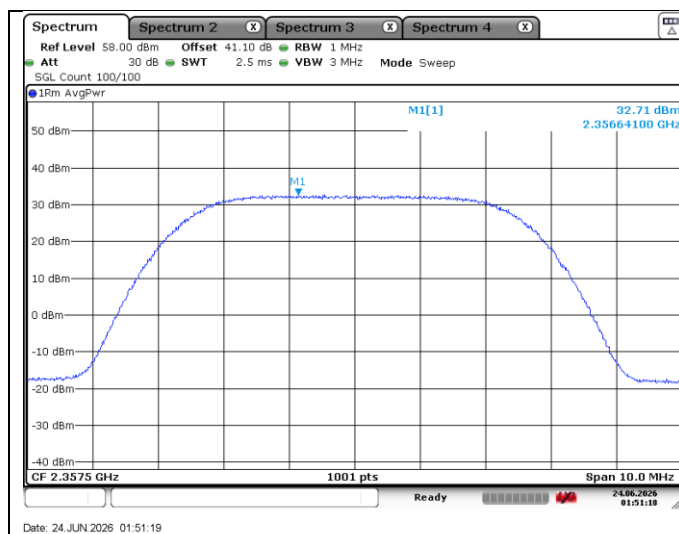
Table 8.2-14: RF Total Transmit Power Measurement Results for NR, 5 MHz Bandwidth

Remarks	Transmit power, dBm
Low channel	39.47
Top channel	39.53

Test data, continued

Table 8.2-15: RF Total Transmit Power Measurement Results NR, 10 MHz Bandwidth

Remarks	Transmit power, dBm
Mid channel	42.93



Test data, continued

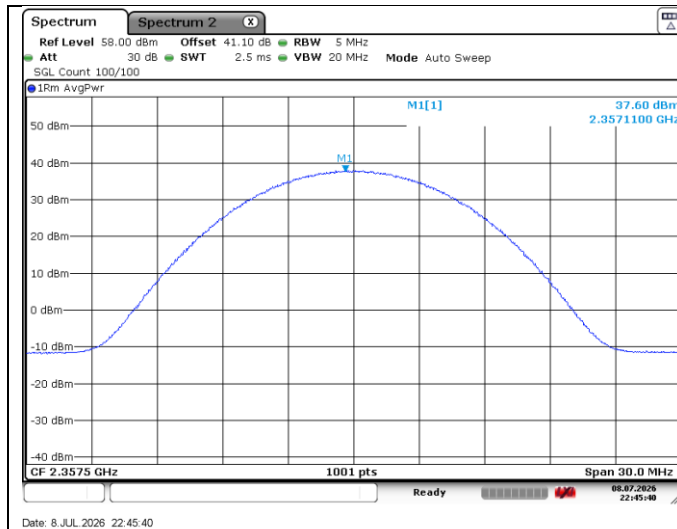


Figure 8.2-5: Power of LTE 5 MHz channel bandwidth, single carrier operation, sample plot [PSD/5 MHz]

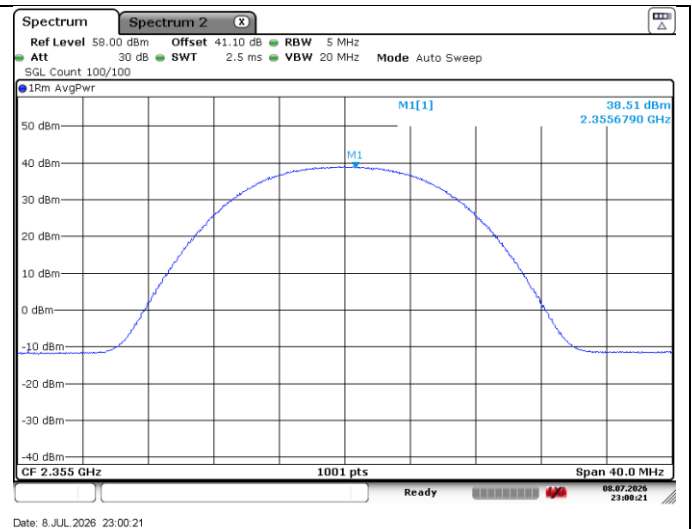


Figure 8.2-6: Power of LTE 10 MHz channel bandwidth, single carrier operation, sample plot [PSD/5 MHz]

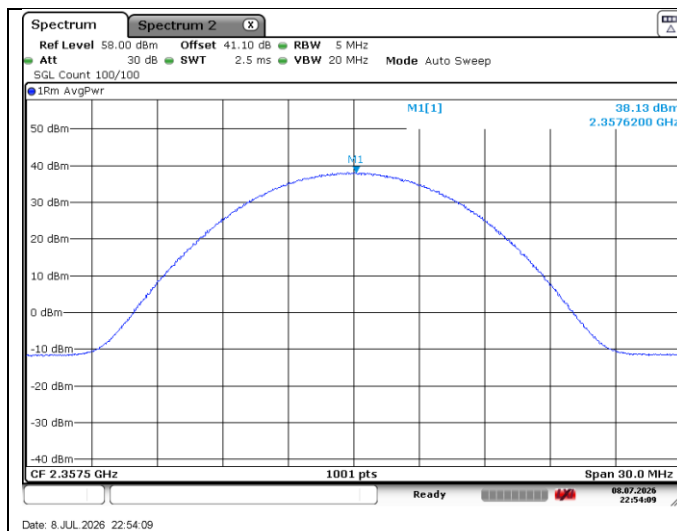


Figure 8.2-7: Power of NR 5 MHz channel bandwidth, single carrier operation, sample plot [PSD/5 MHz]

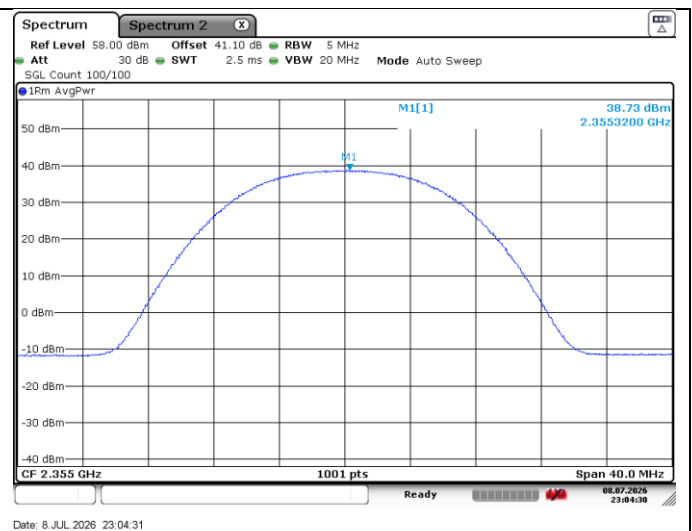


Figure 8.2-8: Power of NR 10 MHz channel bandwidth, single carrier operation, sample plot [PSD/5 MHz]

Test data, continued

Table 8.2-16: CCDF of the PAPR reduction measurement results for single carrier operation for LTE 5 MHz

Remarks	Frequency, MHz	0.1% CCDF, dB	PAPR reduction limit, dB	Margin, dB
5 MHz, Low channel	2352.50	8.03	13.00	4.97
5 MHz, Top channel	2357.50	8.06	13.00	4.94

Table 8.2-17: CCDF of the PAPR reduction measurement results for single carrier operation for NR 5 MHz

Remarks	Frequency, MHz	0.1% CCDF, dB	PAPR reduction limit, dB	Margin, dB
5 MHz, Low channel	2352.50	8.03	13.00	4.97
5 MHz, Top channel	2357.50	8.03	13.00	4.97

Table 8.2-18: CCDF of the PAPR reduction measurement results for single carrier operation for LTE 10 MHz

Remarks	Frequency, MHz	0.1% CCDF, dB	PAPR reduction limit, dB	Margin, dB
10 MHz channel	2355.00	8.06	13.00	4.94

Table 8.2-19: CCDF of the PAPR reduction measurement results for single carrier operation for NR 10 MHz

Remarks	Frequency, MHz	0.1% CCDF, dB	PAPR reduction limit, dB	Margin, dB
10 MHz channel	2355.00	8.09	13.00	4.91



Test data, continued

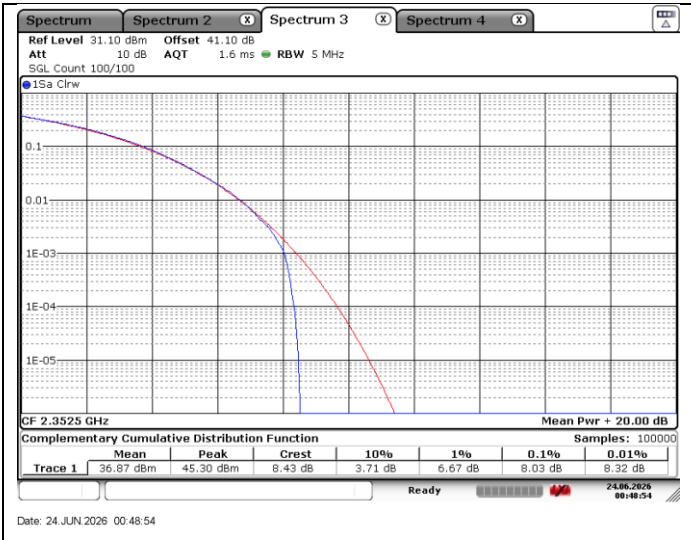


Figure 8.2-9: CCDF sample plot, LTE 5 MHz

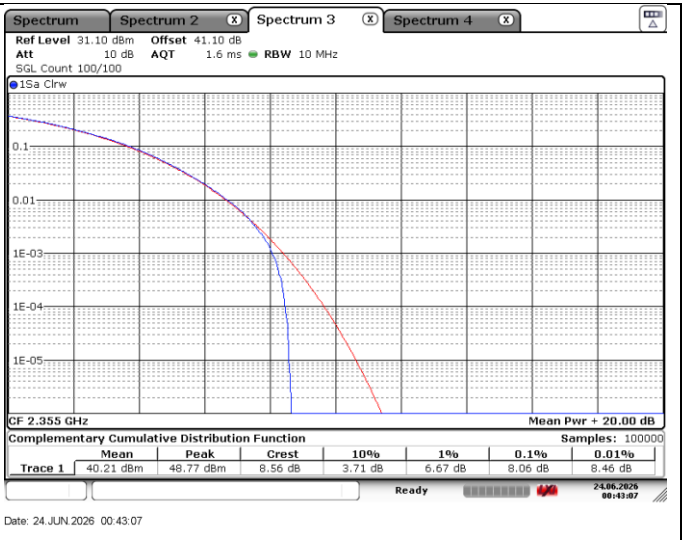


Figure 8.2-10: CCDF sample plot, LTE 10 MHz

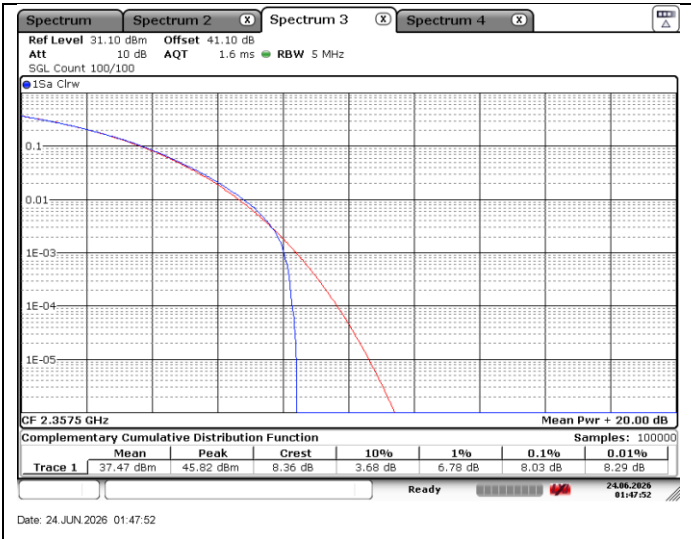


Figure 8.2-11: CCDF sample plot, NR 5 MHz

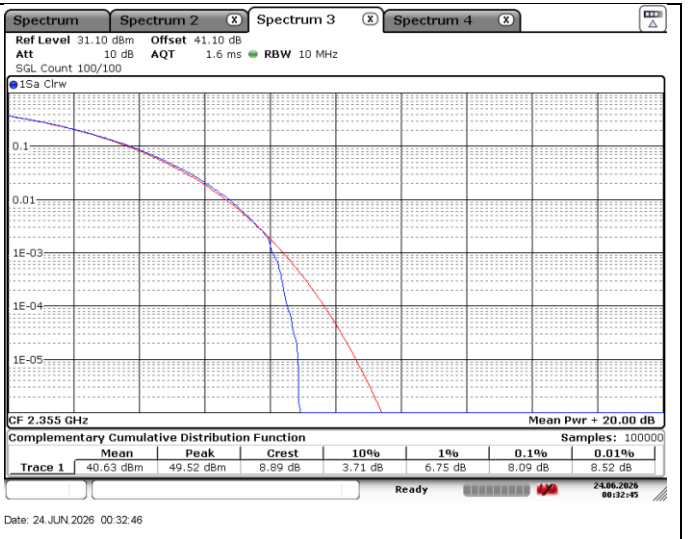


Figure 8.2-12: CCDF sample plot, NR 10 MHz

8.3 Transmitter unwanted emissions (2620-2690 MHz)

Definitions and limits

FCC §27.53(m)(2):

For digital base stations, the attenuation shall be not less than $43 + 10 \log(P)$ dB, unless a documented interference complaint is received from an adjacent channel licensee with an overlapping Geographic Service Area. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS No. 1 on the same terms and conditions as adjacent channel BRS or EBS licensees. Provided that a documented interference complaint cannot be mutually resolved between the parties prior to the applicable deadline, then the following additional attenuation requirements shall apply:

RSS-199, Section 5.6:

Unwanted emissions shall be measured in terms of average values when the transmitter is operating at the manufacturer's rated power and modulated as specified in RSS-Gen.

Equipment shall meet the unwanted emission limits, specified below, outside each frequency block group. For each channel bandwidth supported by the equipment under test, the unwanted emissions shall be measured and reported for two channel frequencies: one located as close as possible to the low end and one located as close as possible to the high end of the equipment's operating frequency range.

For the unwanted emission limits, in the 1 MHz band immediately outside and adjacent to the frequency block group, the power shall be measured with a resolution bandwidth of at least 1% of the occupied bandwidth for fixed stations, base stations, and fixed subscriber equipment.

For all equipment, the TRP or total conducted power (sum of conducted power across all antenna connectors), where applicable, of the unwanted emissions outside the frequency block or frequency block group shall not exceed the limits shown in the tables below.

Table 8.3-1: Unwanted emission limits for fixed station, base station and fixed subscriber equipment

Offset from the edge of the frequency block group (MHz)	Unwanted emission limits (dBm/MHz)
≤ 1	-13 dBm/(1% of OB*)
> 1	-13 dBm/MHz

Notes: *OB is the occupied bandwidth

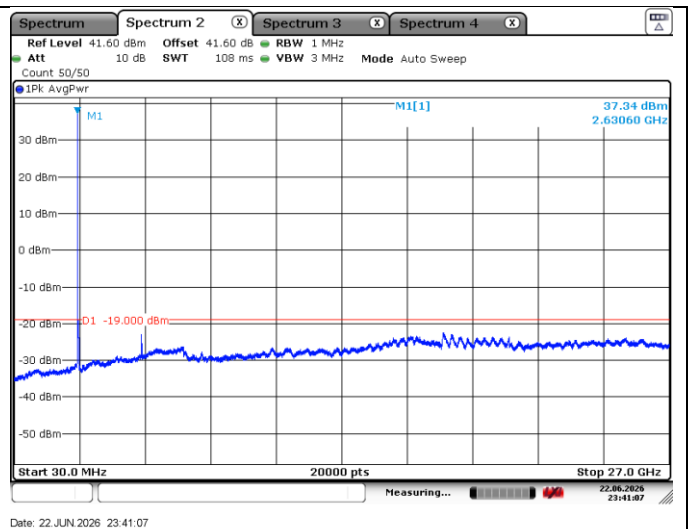
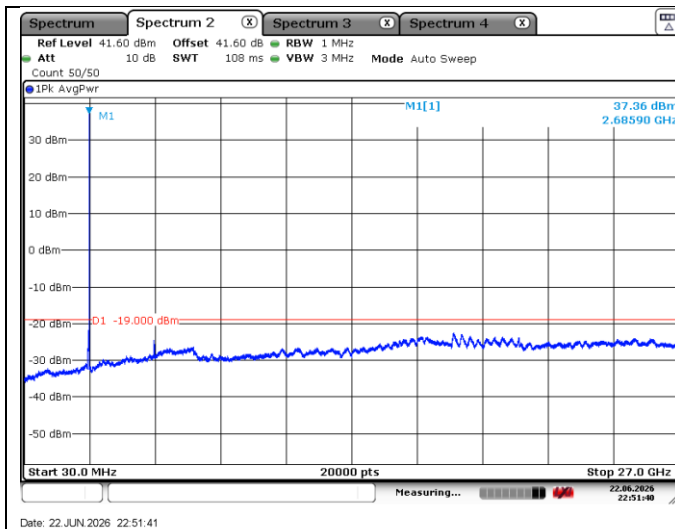
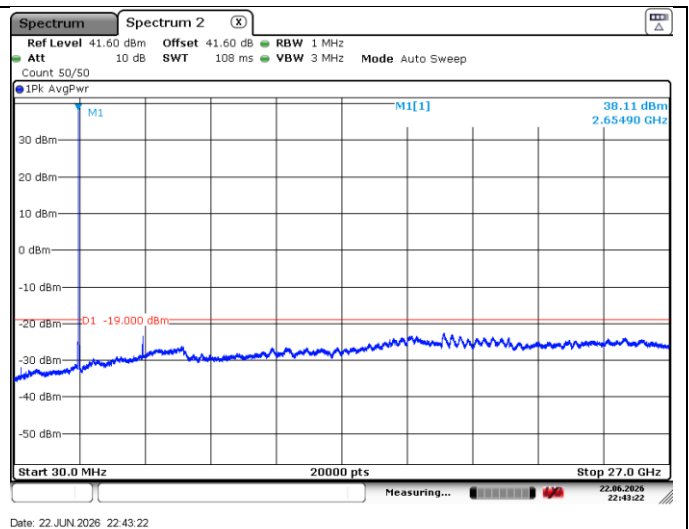
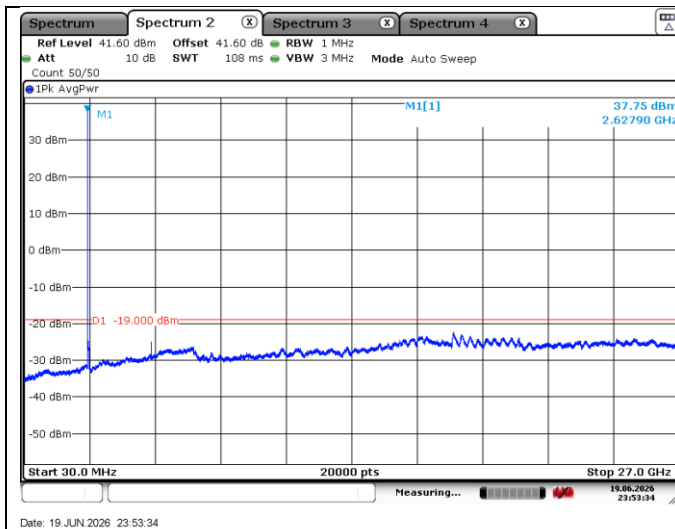
Test summary

Verdict	Pass		
Test date	June 19, 2026 – June 23, 2026	Temperature	20.5-21.5 °C
Tested by	Dhara Patel	Air pressure	1001-1008.5 mbar
Test location	Ottawa	Relative humidity	65-68 %

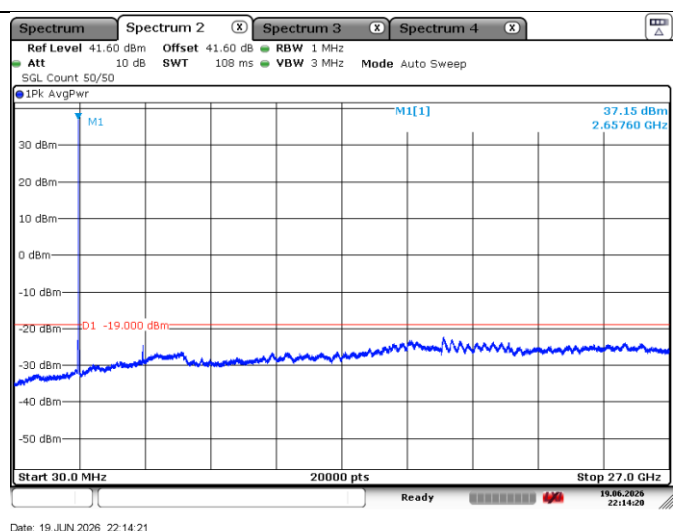
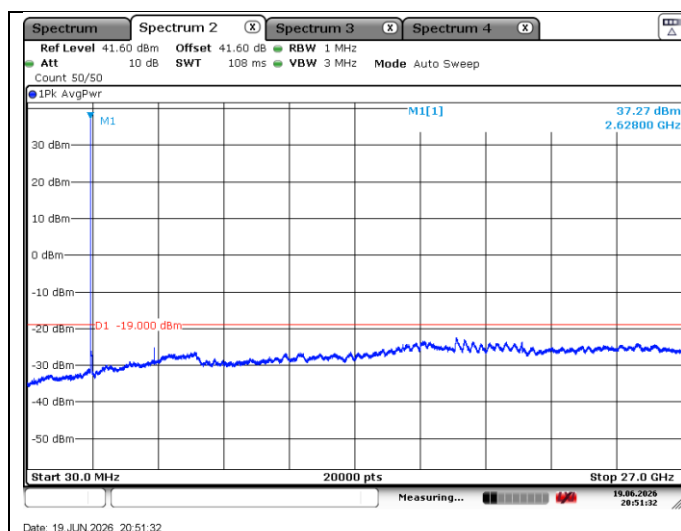
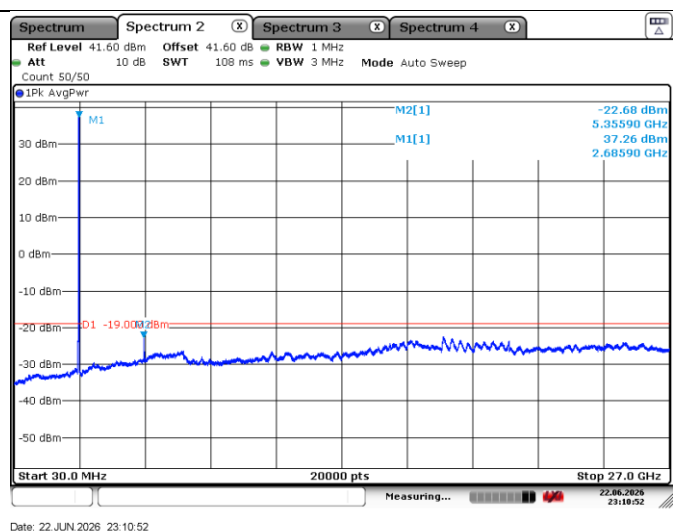
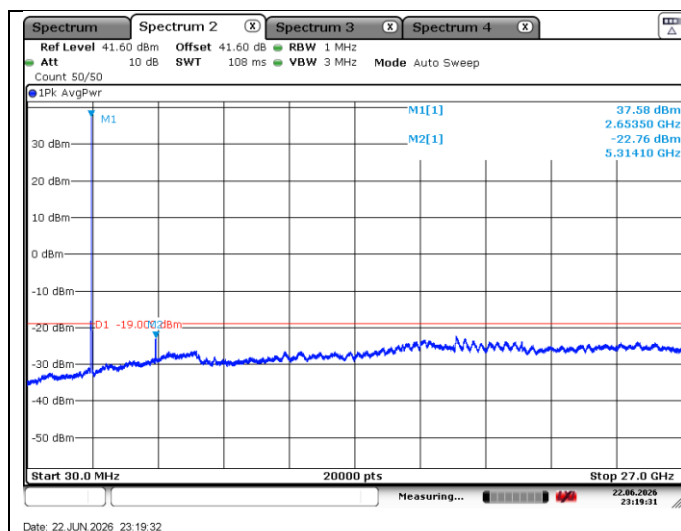
Observations, settings and special notes

- The spectrum was searched from 30 MHz to the 10th harmonic.
- Measurements were performed using a peak detector per ANSI C63.26 Paragraph 5.7.4 method.
- RBW 1 MHz, VBW was wider than RBW.
- All modulation configurations were pretested to identify the representative modulation yielding the worst-case power level. The modulation that resulted in the worst-case scenario was QPSK.
- MIMO 4x4 factor of 6 dB calculated as $10 \times \log(4)$, was added to the limit of -13 dBm to account for the four transmitting antenna ports.
- At 0 MHz offset from the band edge or frequency block edge, the -13 dBm limit applies over 1% of the OBW, while at 1 MHz offset the same -13 dBm limit applies over a 1 MHz bandwidth. Measurements at 0 MHz offset were initially performed using a 1 MHz RBW, and if the results were compliant, the reduced bandwidth measurement was not repeated.

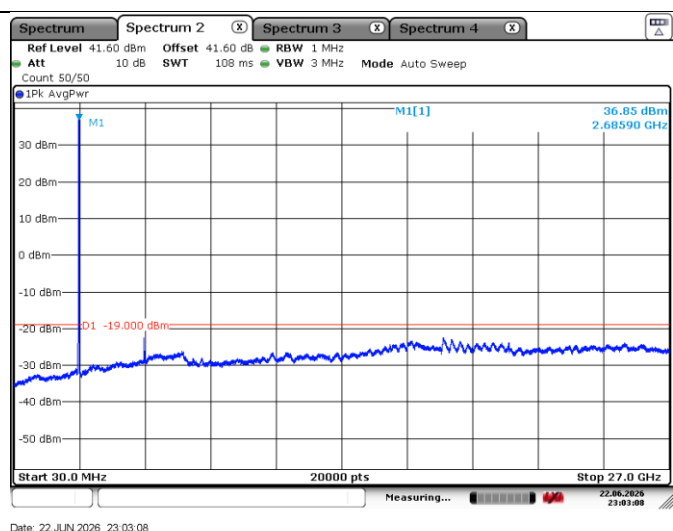
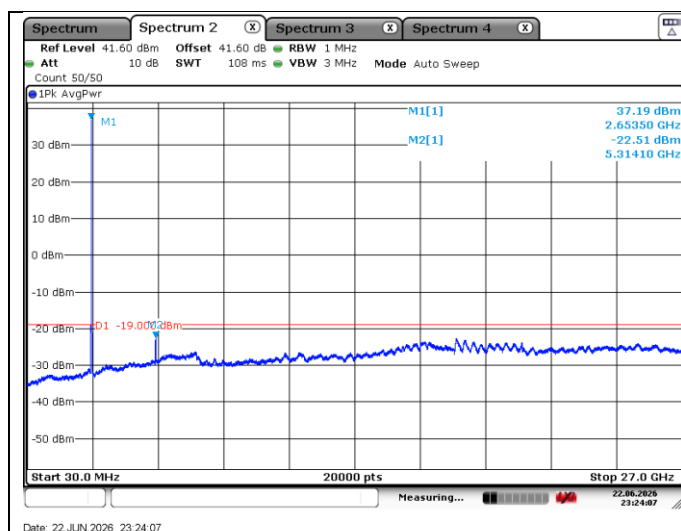
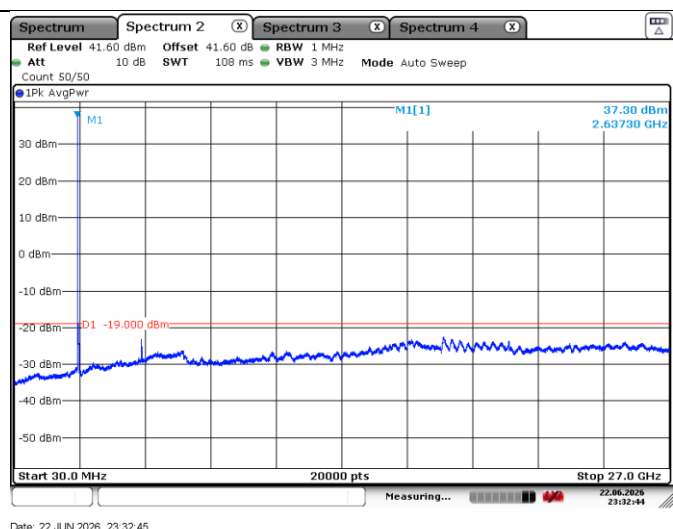
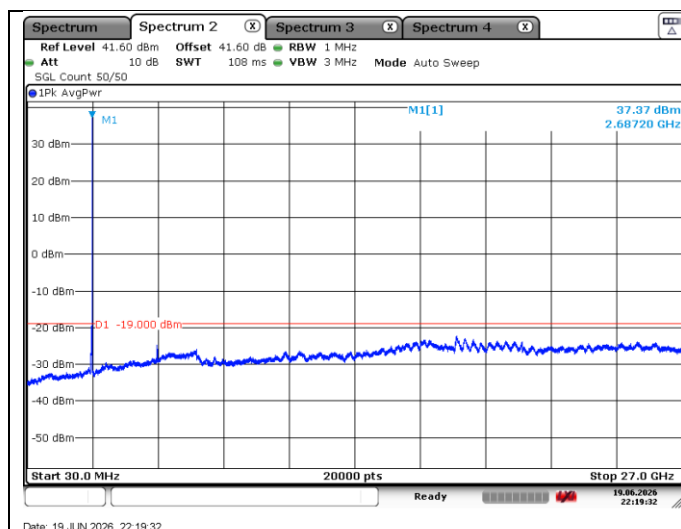
Test data



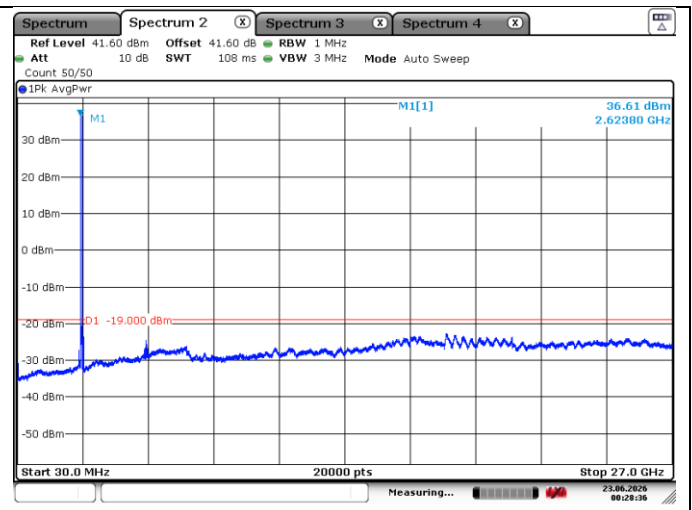
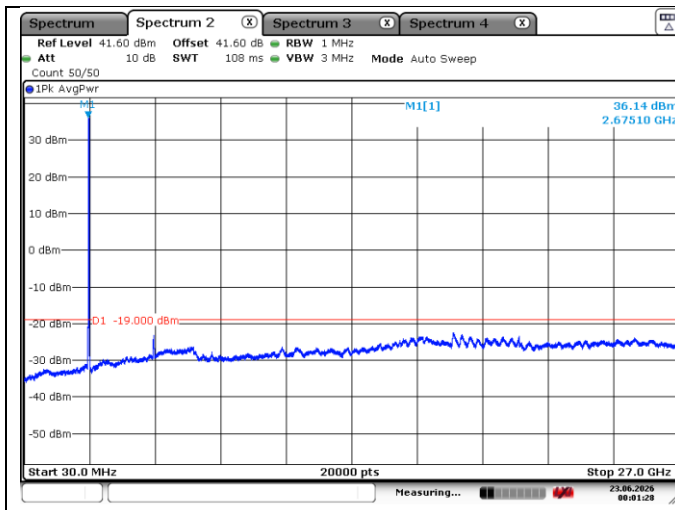
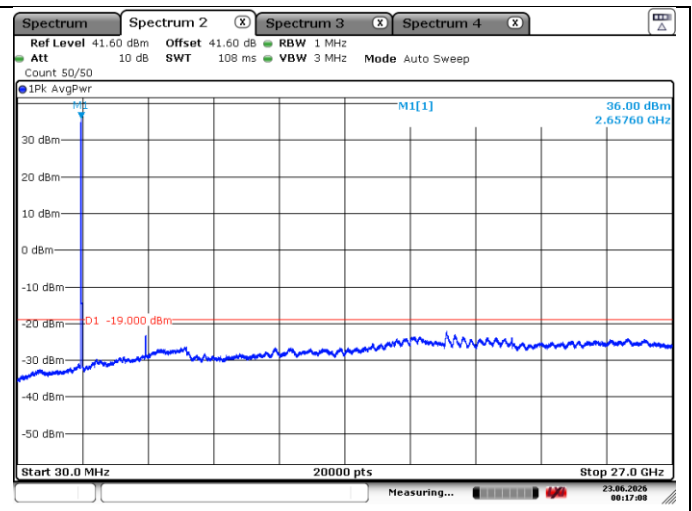
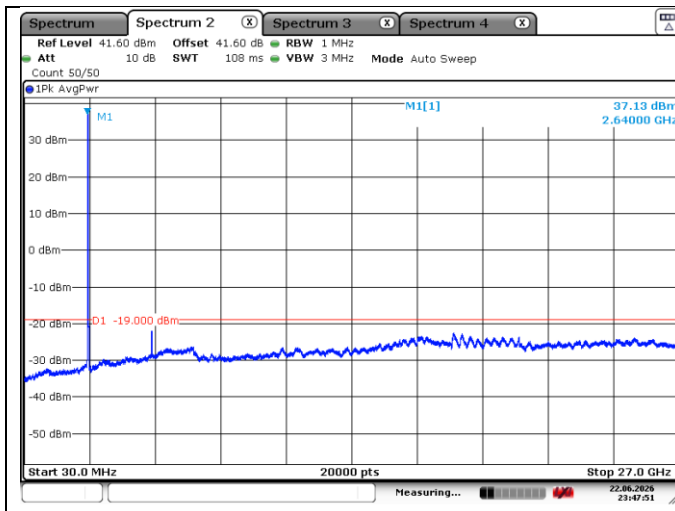
Test data, continued



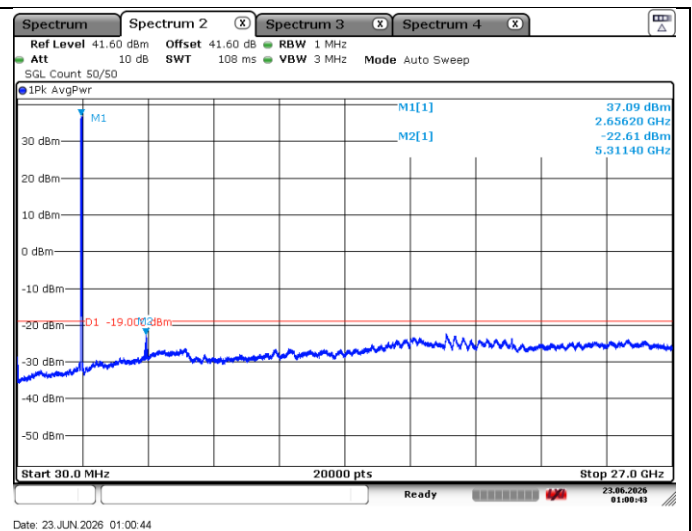
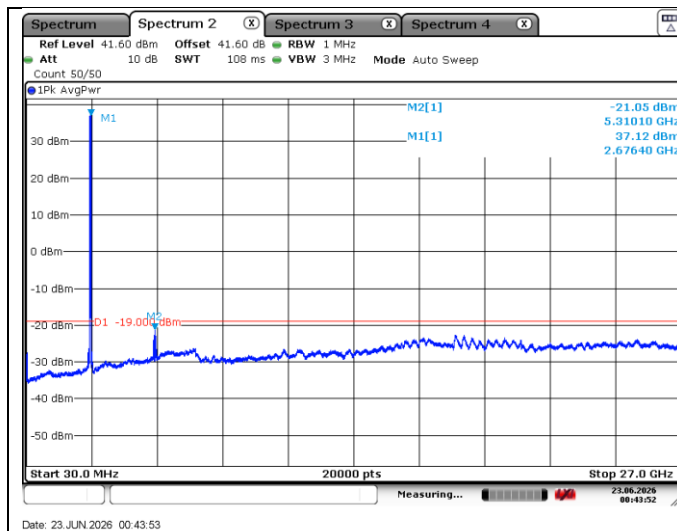
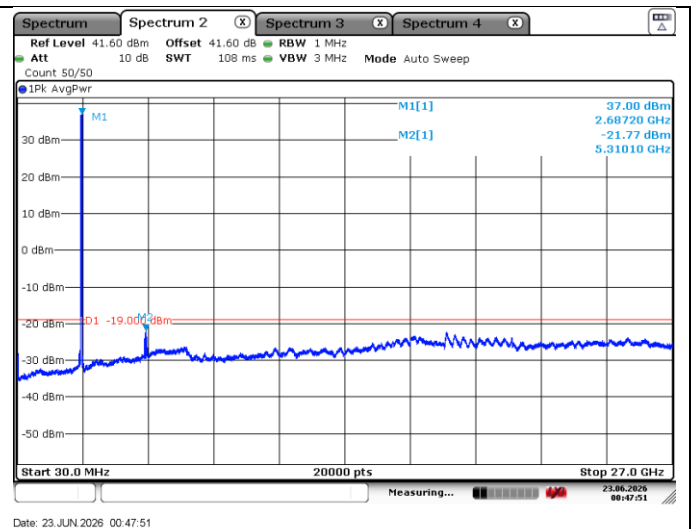
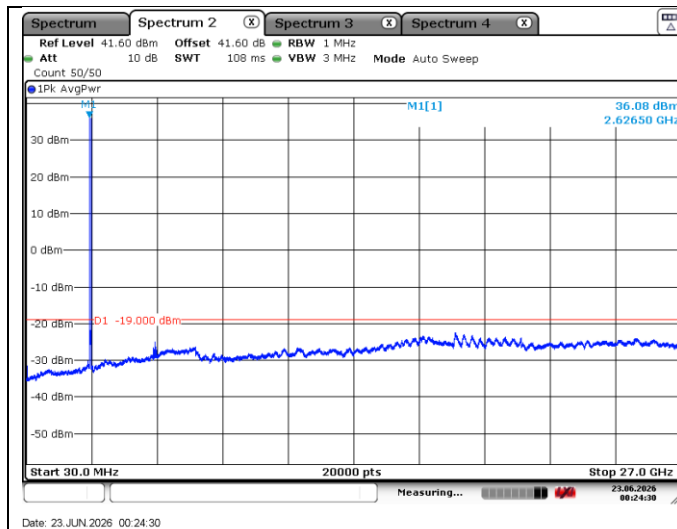
Test data, continued



Test data, continued



Test data, continued





Test data, continued

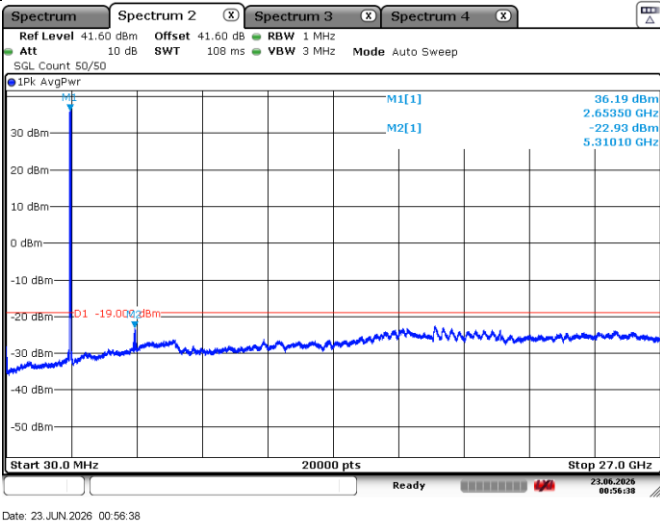


Figure 8.3-21: Conducted spurious emissions of 3xNR 10 MHz channel, 3-carrier non-contiguous operation

Test data, continued

On the plots below the measured *Channel Power* value in the “Total Channel Power” column must be -19 dBm and lower.

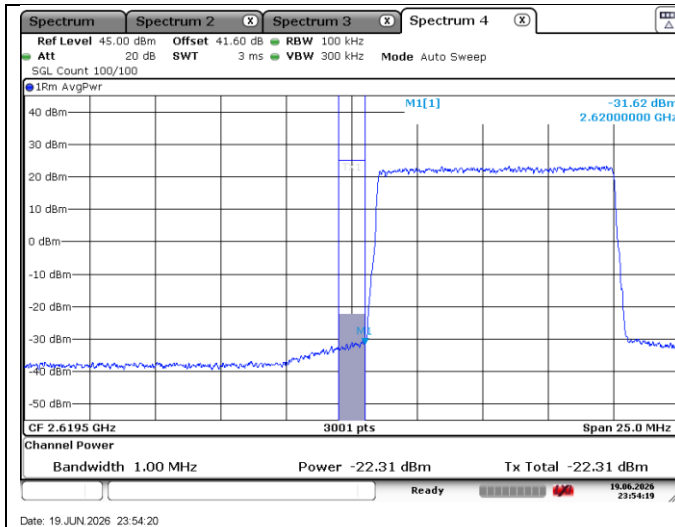


Figure 8.3-22: Conducted emission at the lower band edge

Frequency: 2620 MHz
Meas. BW: 1 MHz
Limit: -19 dBm/MHz

Mode: Single-carrier operation
Tech.: LTE 10 MHz
Notes: None

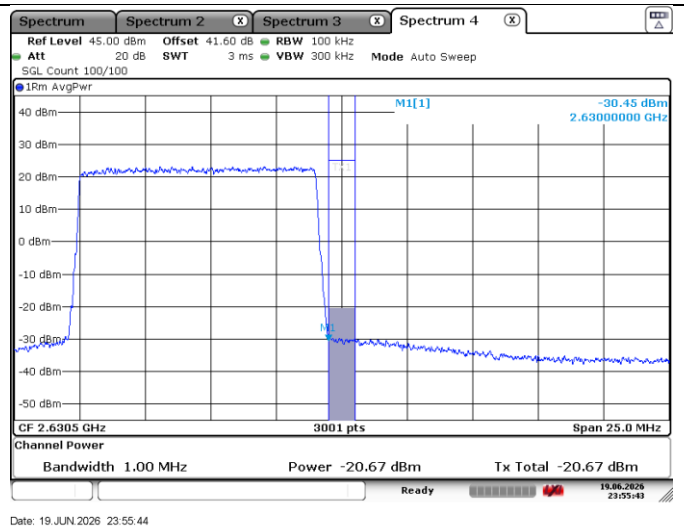


Figure 8.3-23: Conducted emission at the upper frequency block edge of the lower channel

Frequency: 2630 MHz
Meas. BW: 1 MHz
Limit: -19 dBm/MHz

Mode: Single-carrier operation
Tech.: LTE 10 MHz
Notes: None

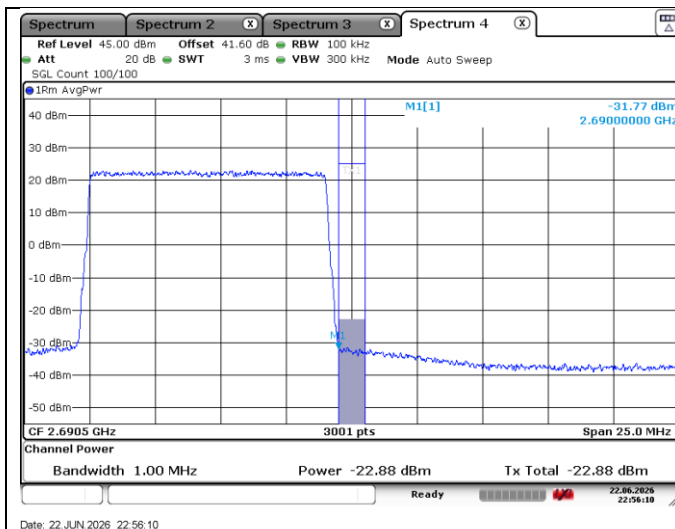


Figure 8.3-24: Conducted emission at the upper band edge

Frequency: 2690 MHz
Meas. BW: 1 MHz
Limit: -19 dBm/MHz

Mode: Single-carrier operation
Tech.: LTE 10 MHz
Notes: None

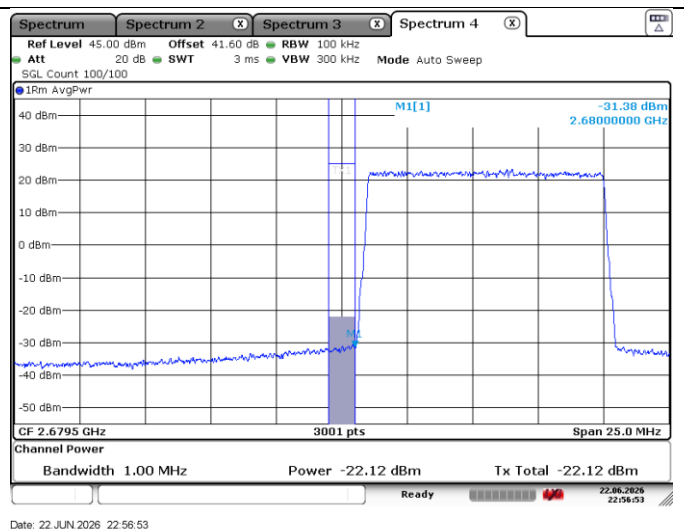


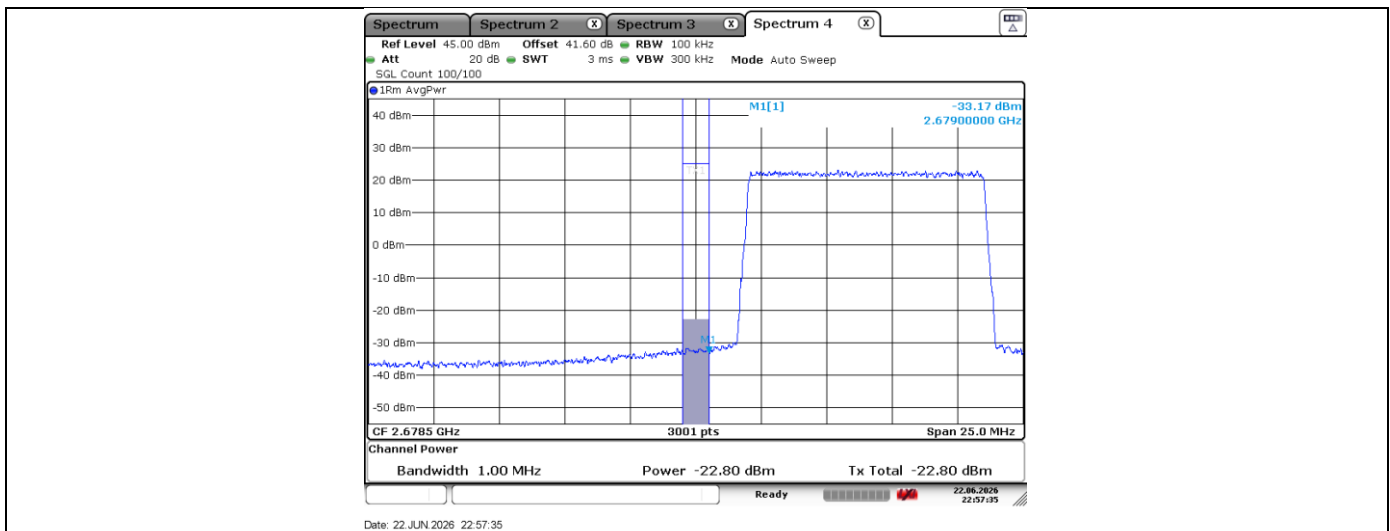
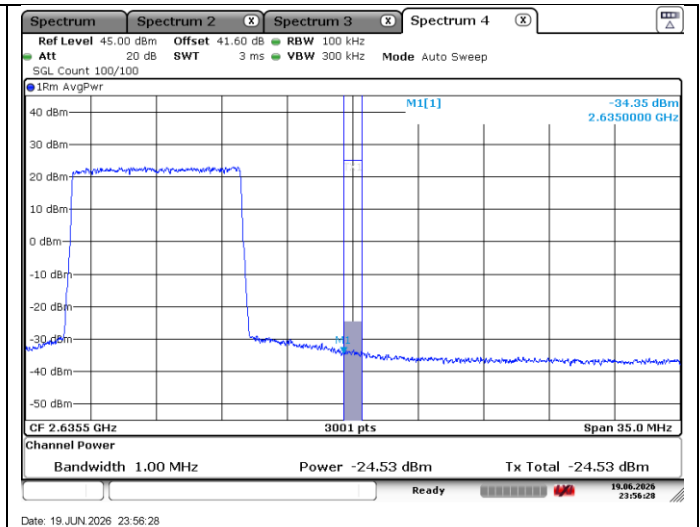
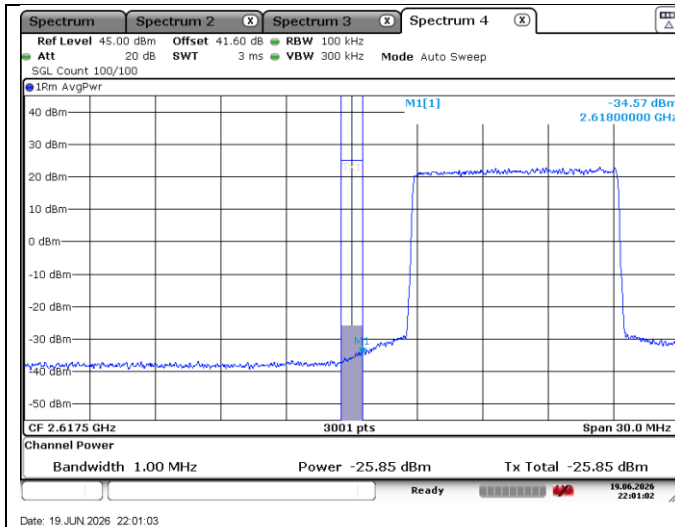
Figure 8.3-25: Conducted emission at the lower frequency block edge of the upper channel

Frequency: 2680 MHz
Meas. BW: 1 MHz
Limit: -19 dBm/MHz

Mode: Single-carrier operation
Tech.: LTE 10 MHz
Notes: None

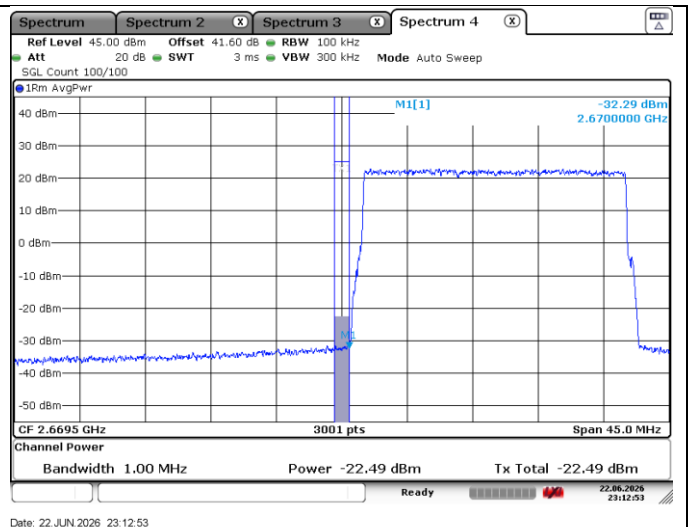
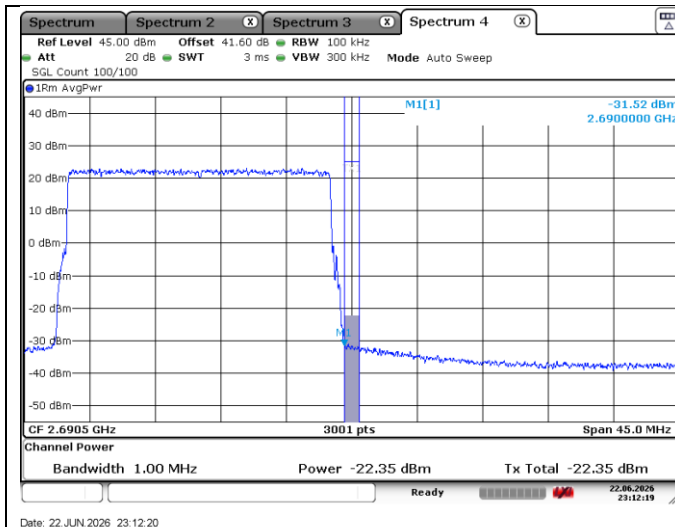
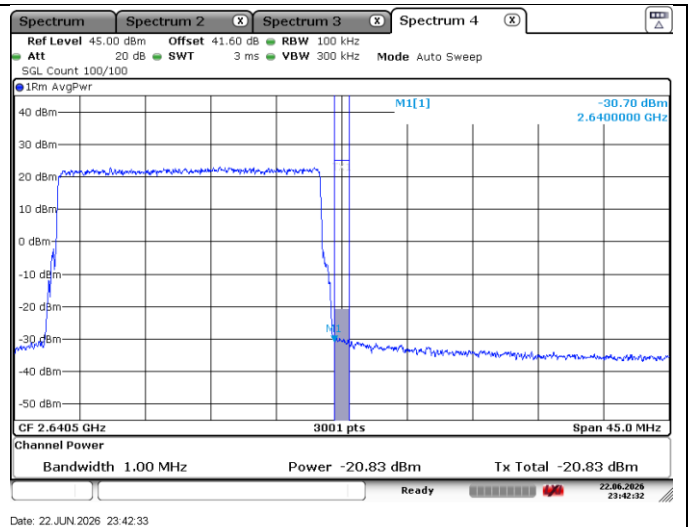
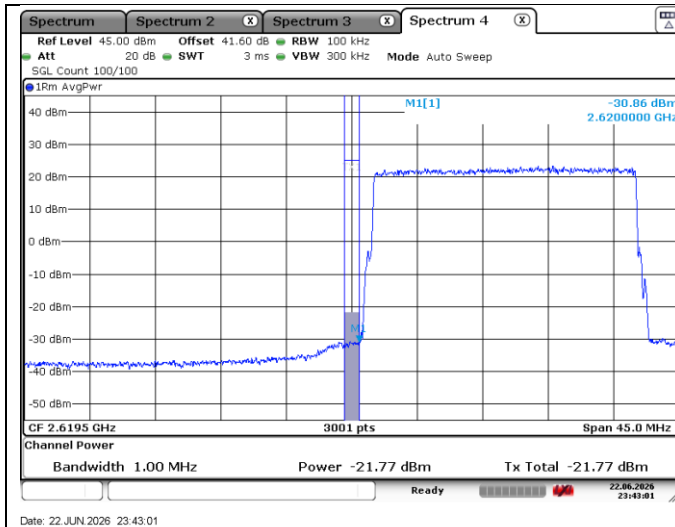
Test data, continued

On the plots below the measured *Channel Power* value in the “Total Channel Power” column must be -19 dBm and lower.



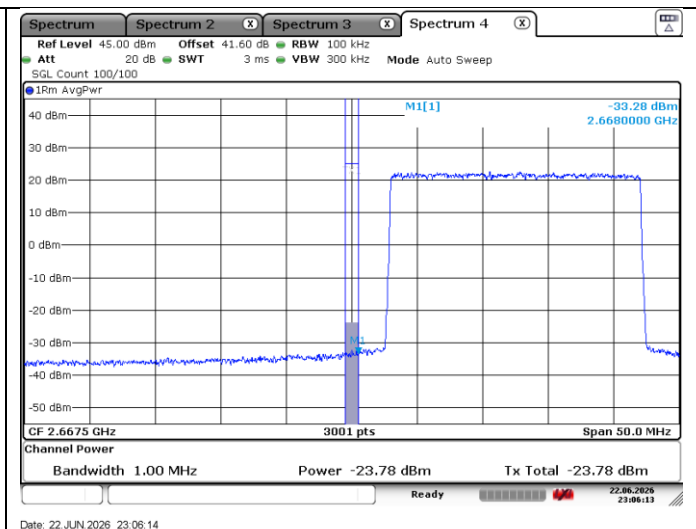
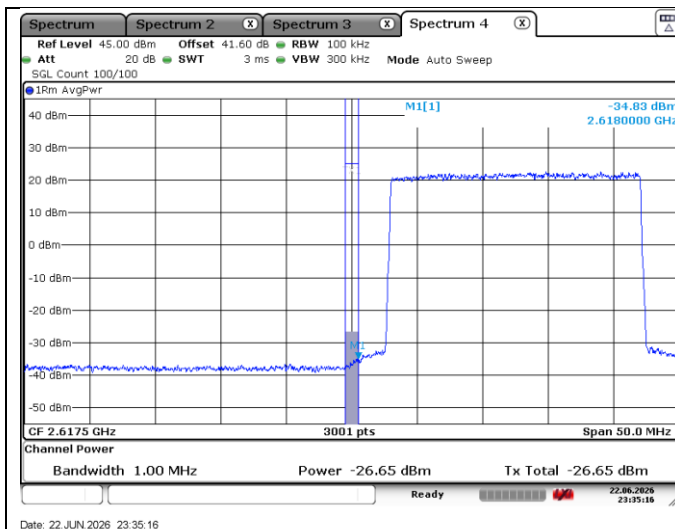
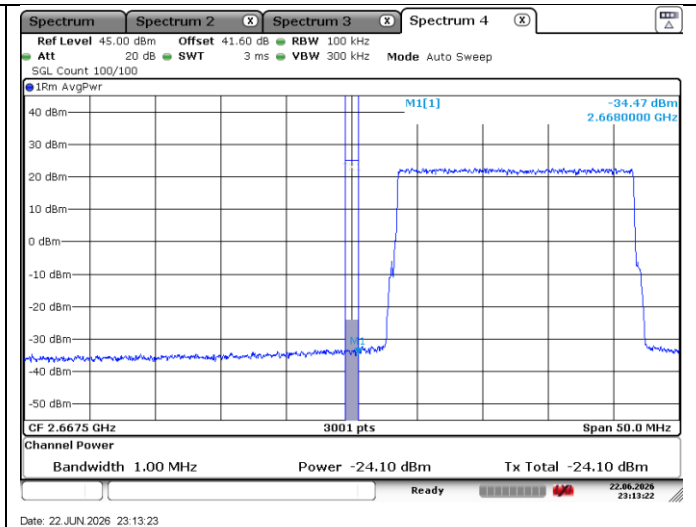
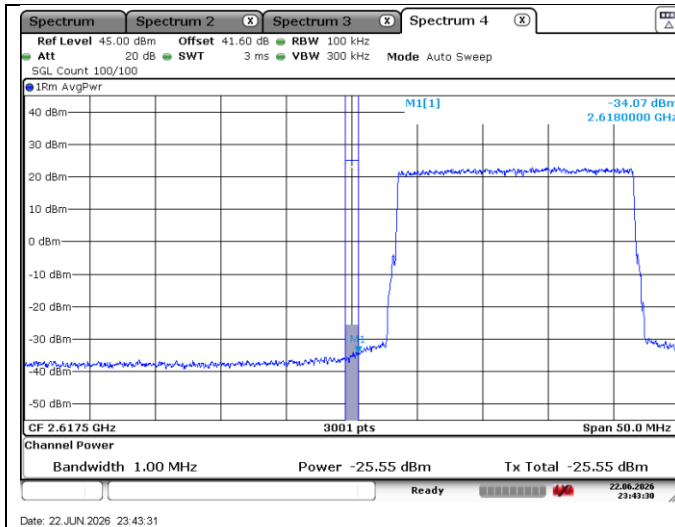
Test data, continued

On the plots below the measured *Channel Power* value in the “Total Channel Power” column must be -19 dBm and lower.



Test data, continued

On the plots below the measured *Channel Power* value in the “Total Channel Power” column must be -19 dBm and lower.



Test data, continued

On the plots below the measured *Channel Power* value in the “Total Channel Power” column must be -19 dBm and lower.

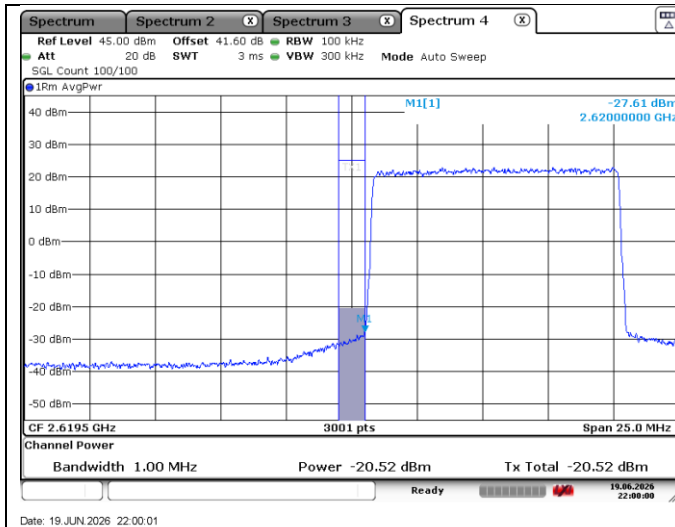


Figure 8.3-37: Conducted emission at the lower band edge

Frequency: 2620 MHz
Meas. BW: 1 MHz
Limit: -19 dBm/MHz

Mode: Single-carrier operation
Tech.: NR 10 MHz
Notes: None

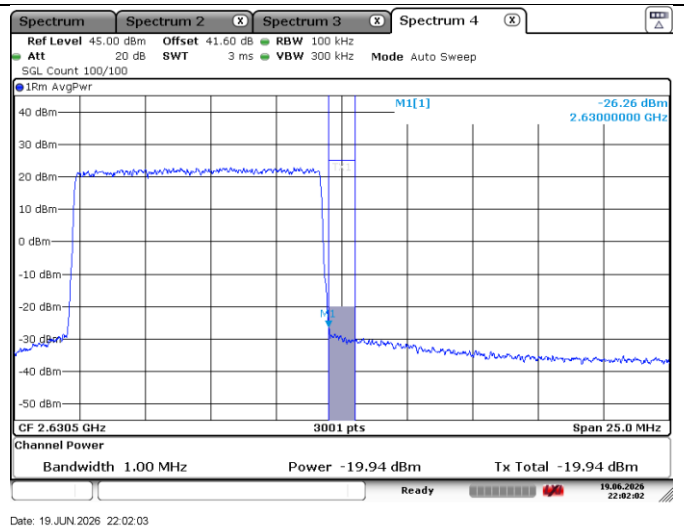


Figure 8.3-38: Conducted emission at the upper frequency block edge of the lower channel

Frequency: 2630 MHz
Meas. BW: 1 MHz
Limit: -19 dBm/MHz

Mode: Single-carrier operation
Tech.: NR 10 MHz
Notes: None

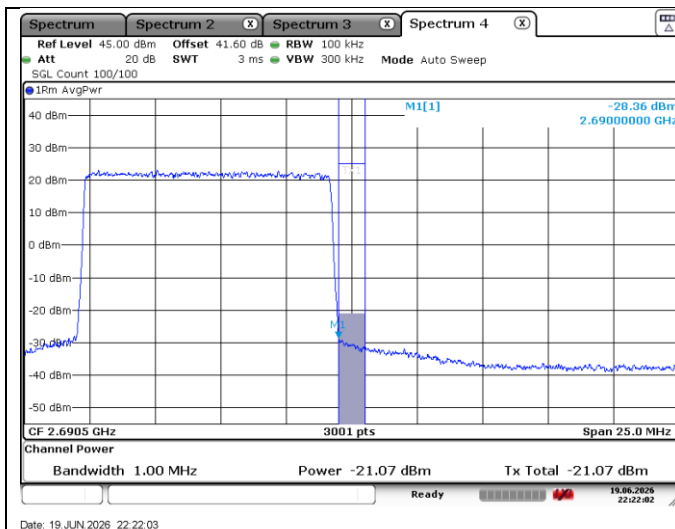


Figure 8.3-39: Conducted emission at the upper band edge

Frequency: 2690 MHz
Meas. BW: 1 MHz
Limit: -19 dBm/MHz

Mode: Single-carrier operation
Tech.: NR 10 MHz
Notes: None

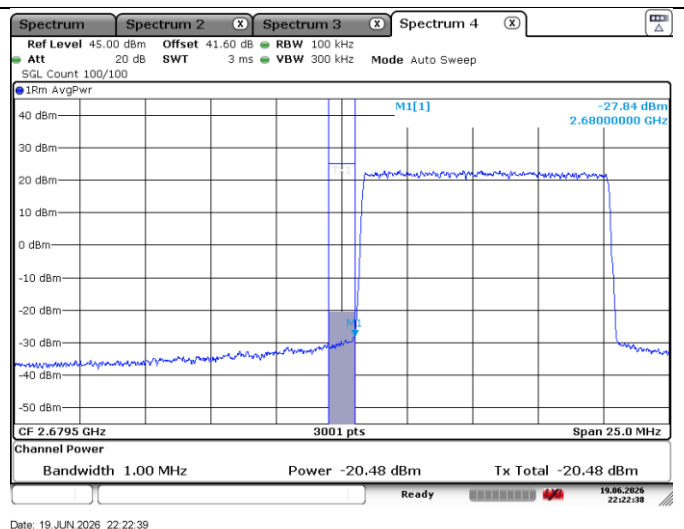


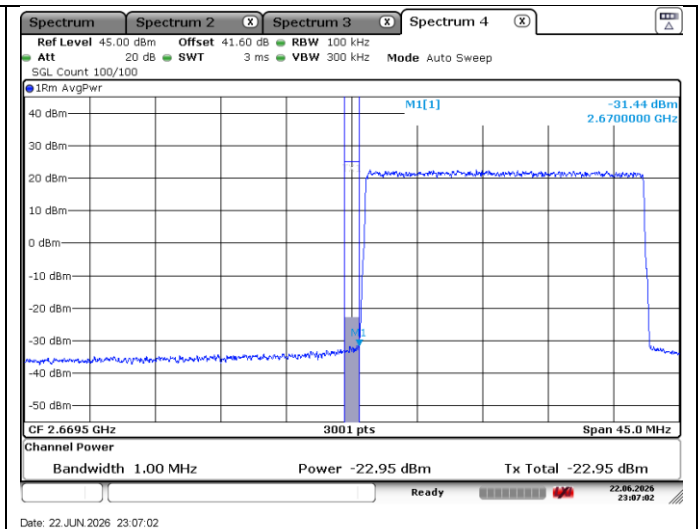
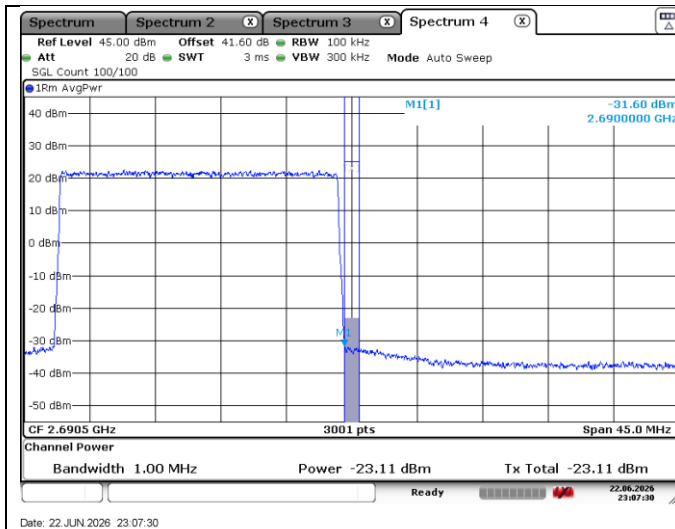
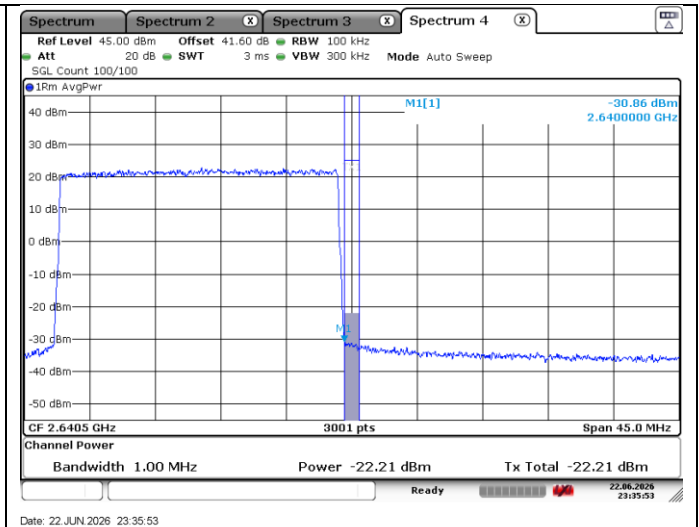
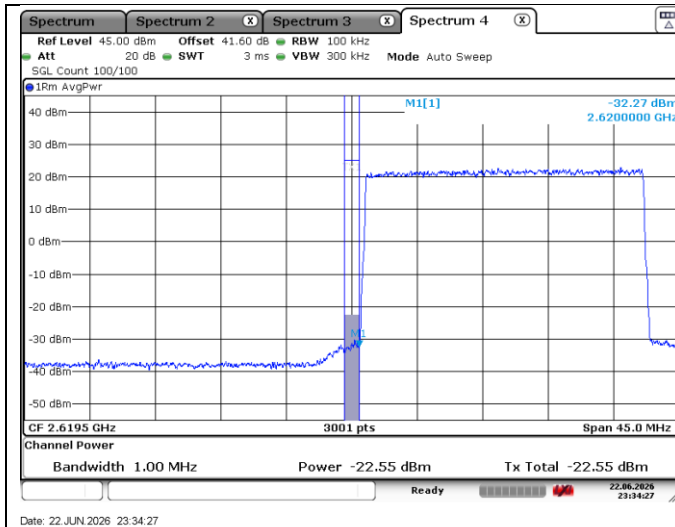
Figure 8.3-40: Conducted emission at the lower frequency block edge of the upper channel

Frequency: 2680 MHz
Meas. BW: 1 MHz
Limit: -19 dBm/MHz

Mode: Single-carrier operation
Tech.: NR 10 MHz
Notes: None

Test data, continued

On the plots below the measured *Channel Power* value in the “Total Channel Power” column must be -19 dBm and lower.



Test data, continued

On the plots below the measured *Channel Power* value in the “Total Channel Power” column must be -19 dBm and lower.

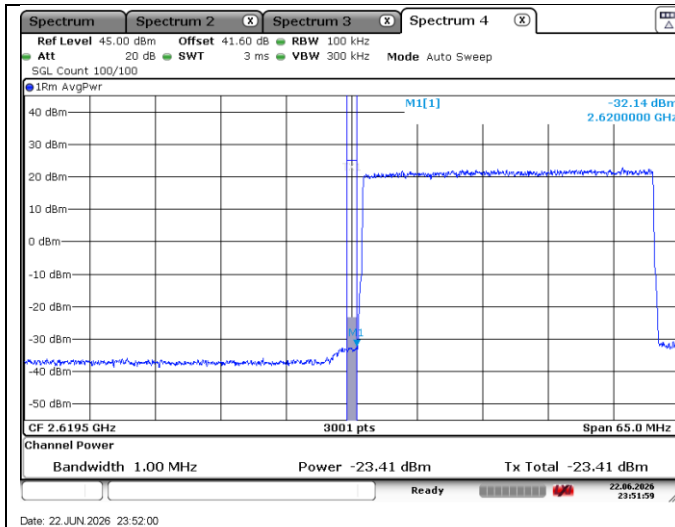


Figure 8.3-45: Conducted emission at the lower band edge

Frequency: 2620 MHz
Meas. BW: 1 MHz
Limit: -19 dBm/MHz

Mode: Single-carrier operation
Tech.: NR 30 MHz
Notes: None

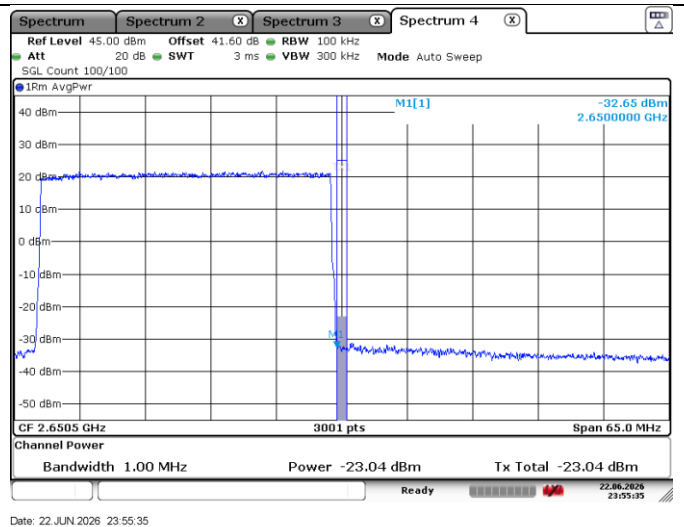


Figure 8.3-46: Conducted emission at the upper frequency block edge of the lower channel

Frequency: 2650 MHz
Meas. BW: 1 MHz
Limit: -19 dBm/MHz

Mode: Single-carrier operation
Tech.: NR 30 MHz
Notes: None

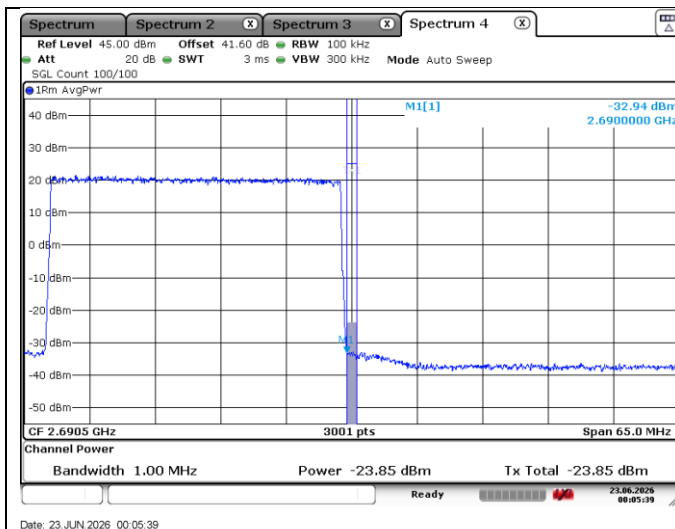


Figure 8.3-47: Conducted emission at the upper band edge

Frequency: 2690 MHz
Meas. BW: 1 MHz
Limit: -19 dBm/MHz

Mode: Single-carrier operation
Tech.: NR 30 MHz
Notes: None

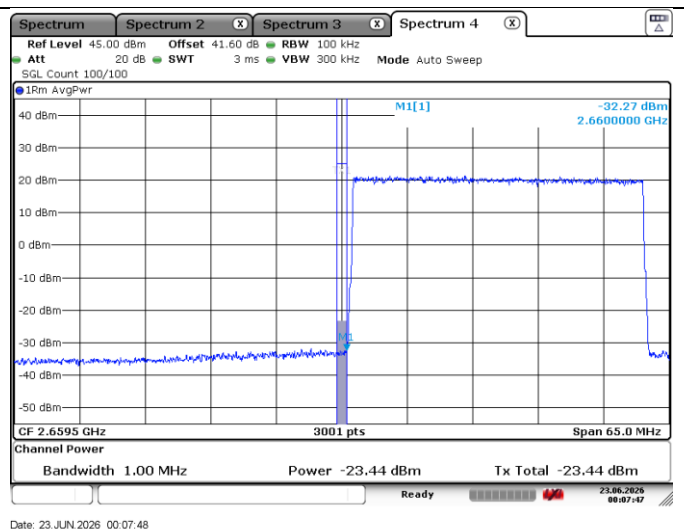


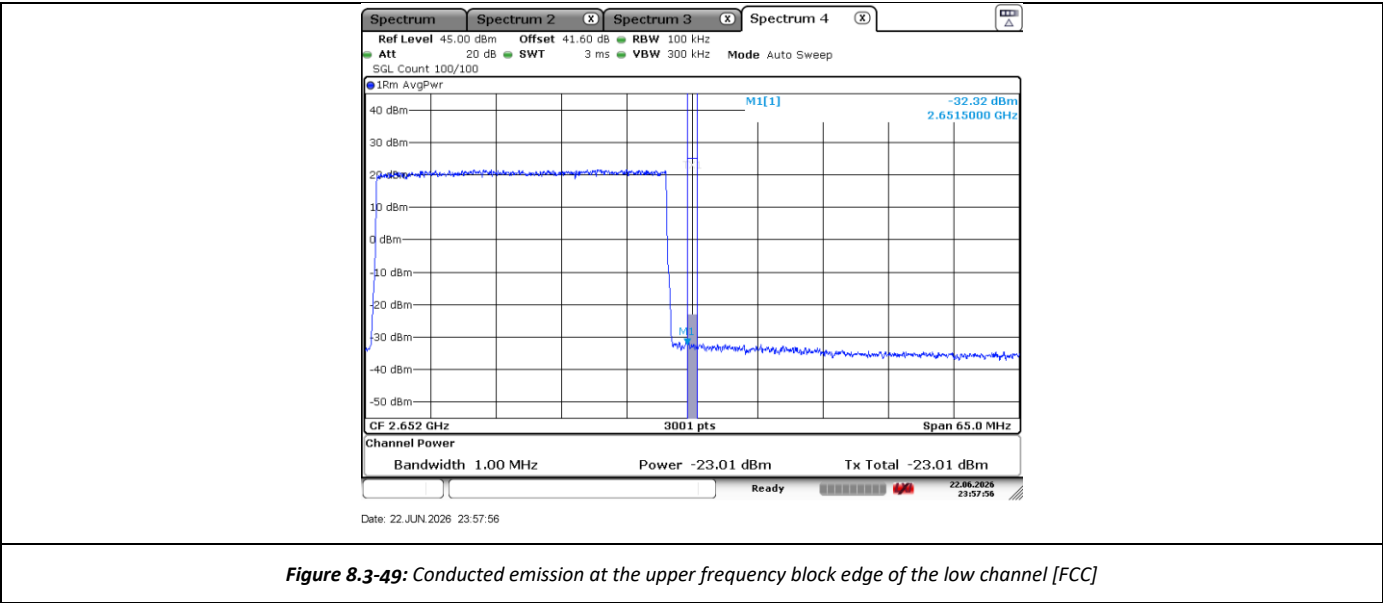
Figure 8.3-48: Conducted emission at the lower frequency block edge of the upper channel

Frequency: 2660 MHz
Meas. BW: 1 MHz
Limit: -19 dBm/MHz

Mode: Single-carrier operation
Tech.: NR 30 MHz
Notes: None

Test data, continued

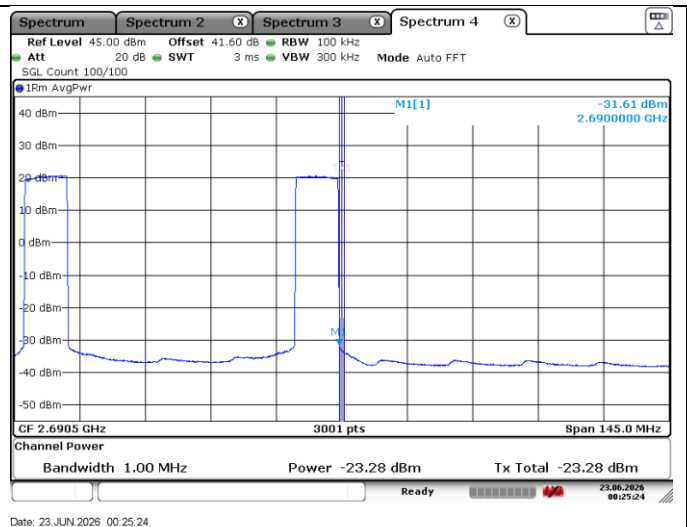
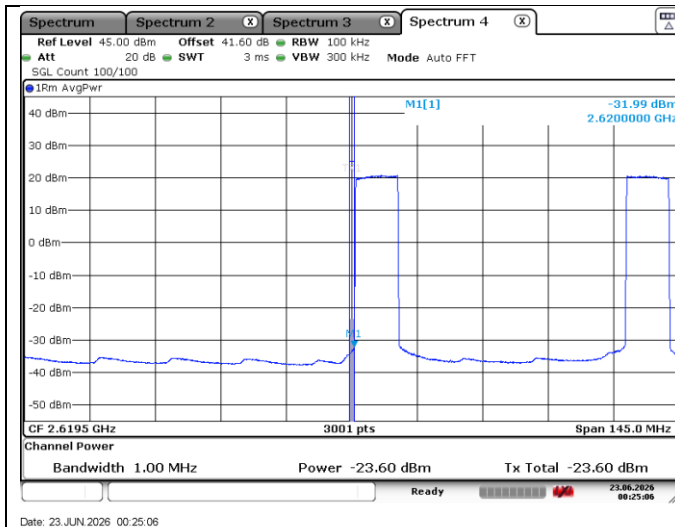
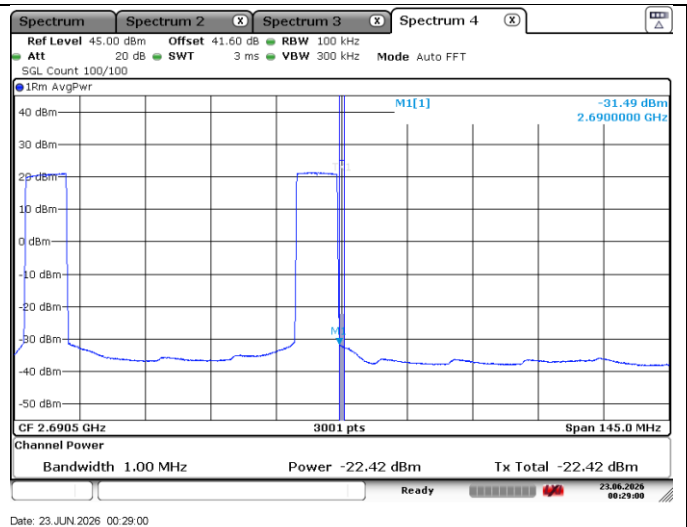
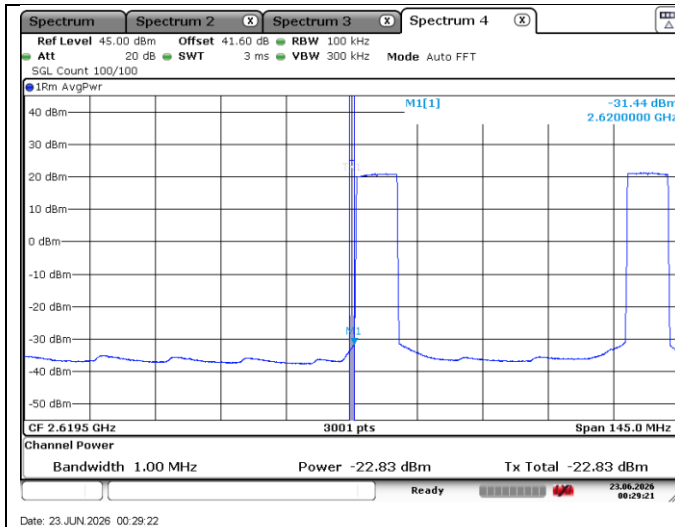
On the plots below the measured *Channel Power* value in the “*Total Channel Power*” column must be –19 dBm and lower.



Frequency:	2651.5 MHz	Mode:	Single-carrier operation
Meas. BW:	1 MHz	Tech.:	NR 30 MHz
Limit:	-19 dBm/MHz	Notes:	None

Test data, continued

On the plots below the measured *Channel Power* value in the “Total Channel Power” column must be -19 dBm and lower.



Test data, continued

On the plots below the measured *Channel Power* value in the “*Total Channel Power*” column must be -19 dBm and lower.

