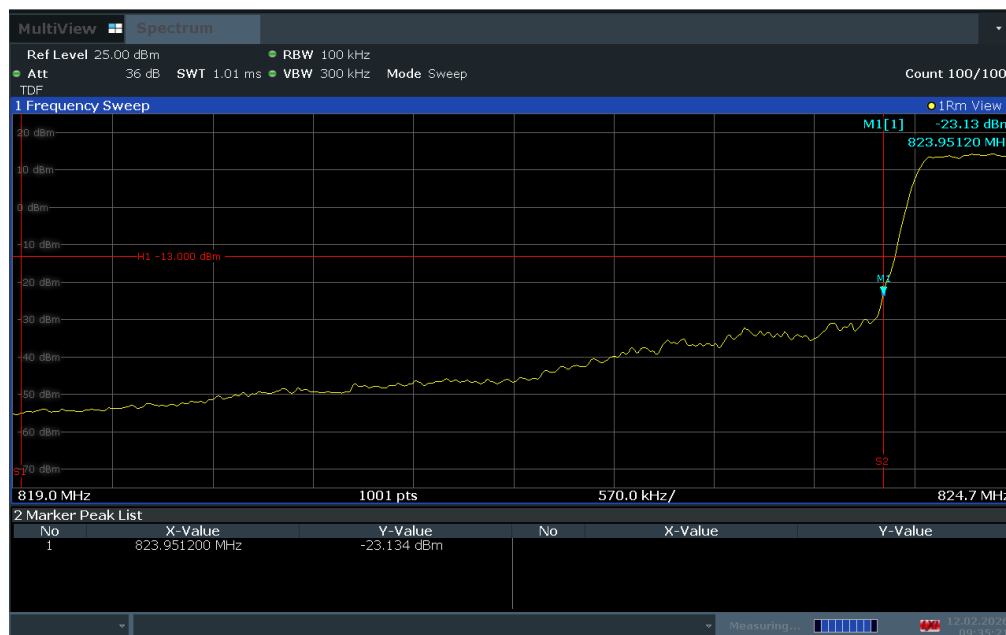


LTE Band 5

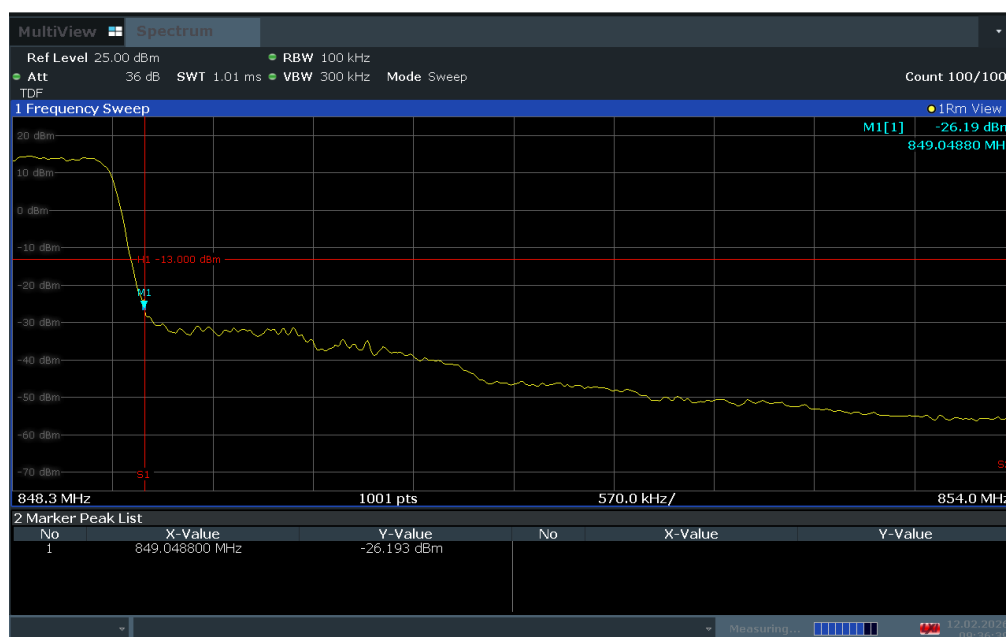
Peak



09:35:22 12.02.2026

Plot 7-53. Lower BE Plot (LTE Band 5 – 1.4MHz QPSK – Full RB Configuration)

Peak



09:36:39 12.02.2026

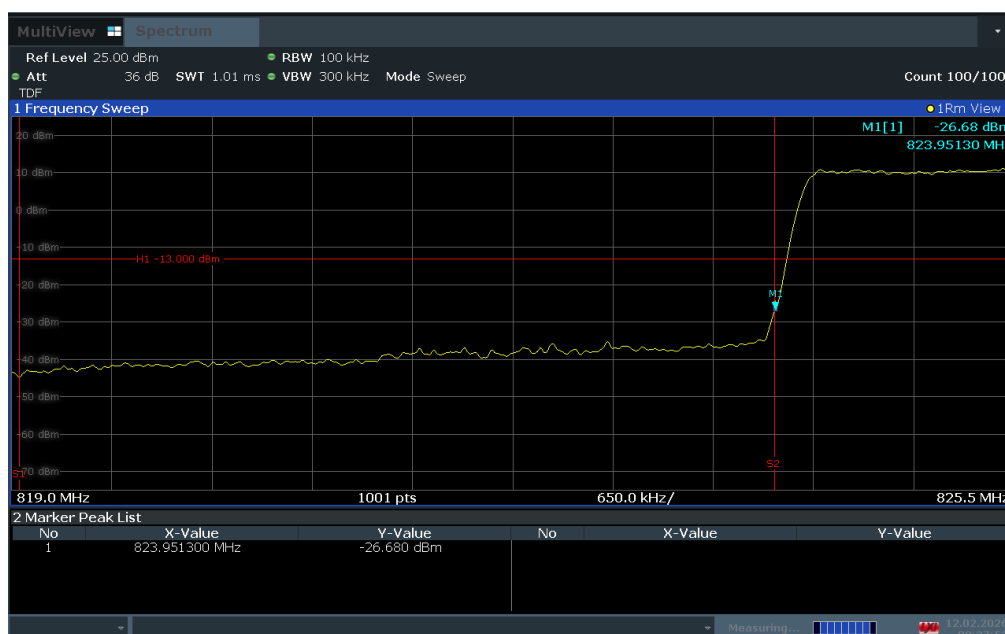
Plot 7-54. Upper BE Plot (LTE Band 5 – 1.4MHz QPSK – Full RB Configuration)

FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
Test Report S/N: 1C2604100030-01-R1.BCG		This report is blockchain verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the blockchain logo.		Page 47 of 89

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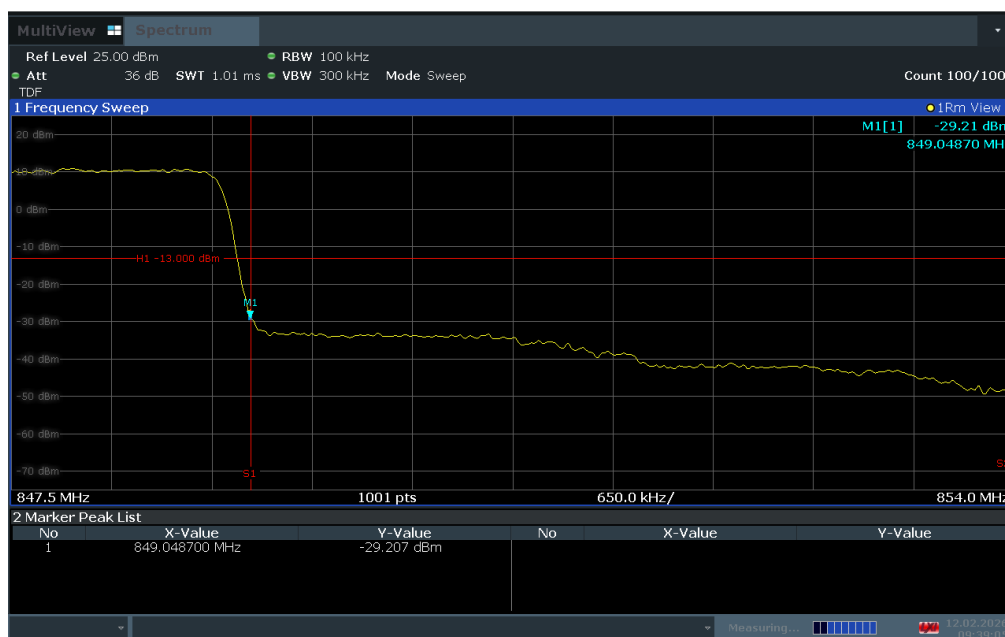
Peak



09:37:52 12.02.2026

Plot 7-55. Lower BE Plot (LTE Band 5 - 3MHz QPSK – Full RB Configuration)

Peak



09:39:05 12.02.2026

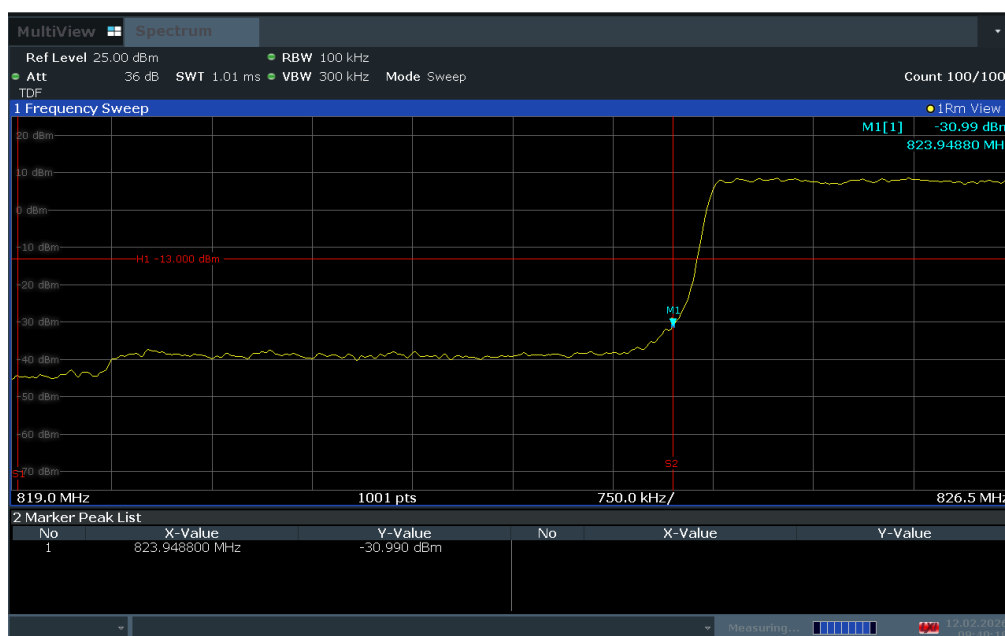
Plot 7-56. Upper BE Plot (LTE Band 5 - 3MHz QPSK – Full RB Configuration)

FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
Test Report S/N: 1C2604100030-01-R1.BCG		This report is blockchain verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the blockchain logo.		Page 48 of 89

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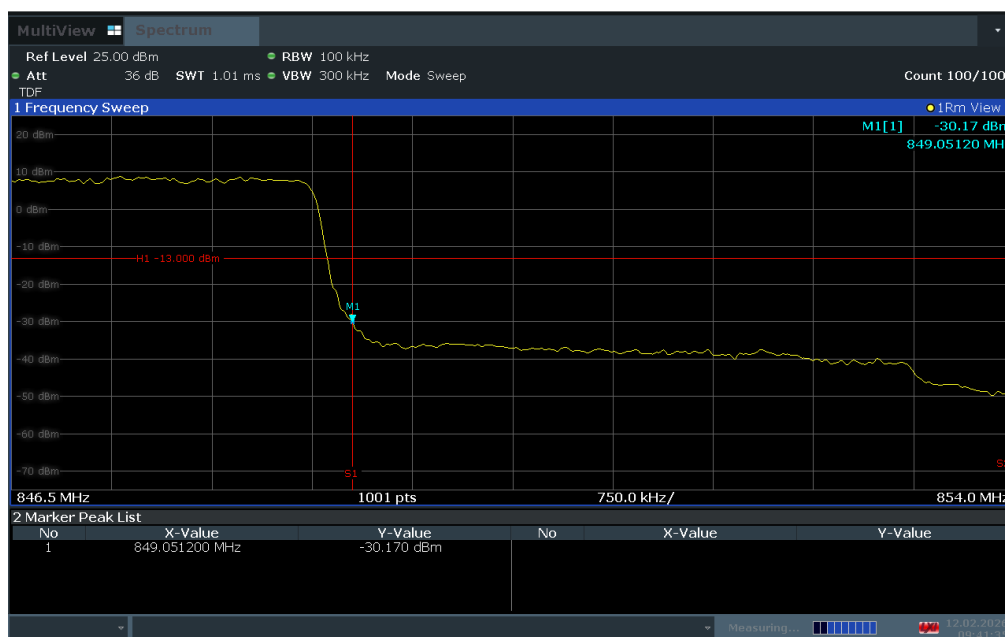
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Peak



Plot 7-57. Lower BE Plot (LTE Band 5 - 5MHz QPSK – Full RB Configuration)

Peak



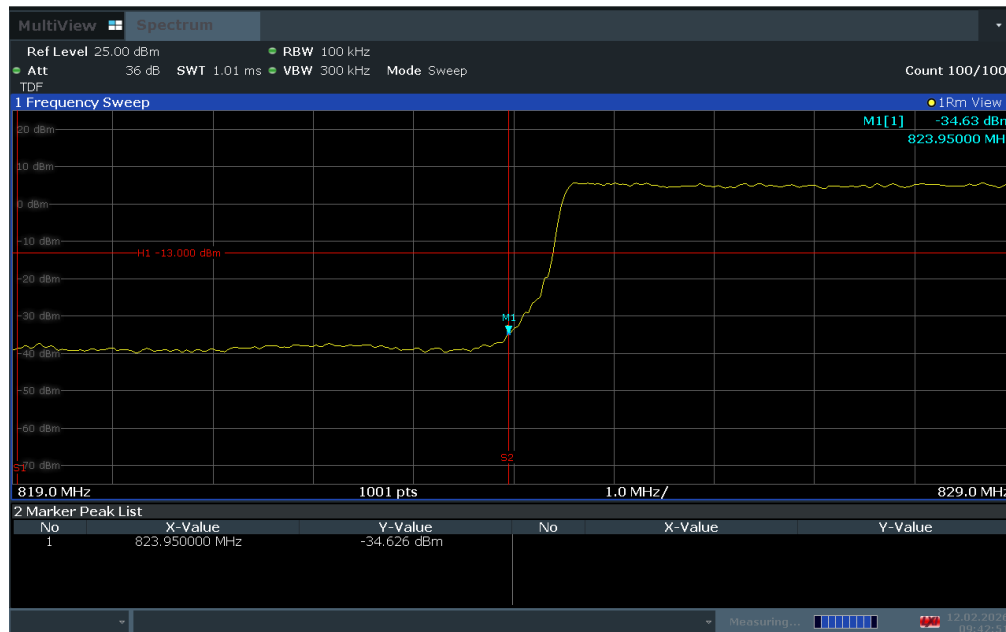
Plot 7-58. Upper BE Plot (LTE Band 5 - 5MHz QPSK – Full RB Configuration)

FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
Test Report S/N: 1C2604100030-01-R1.BCG		This report is blockchain verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the blockchain logo.		Page 49 of 89

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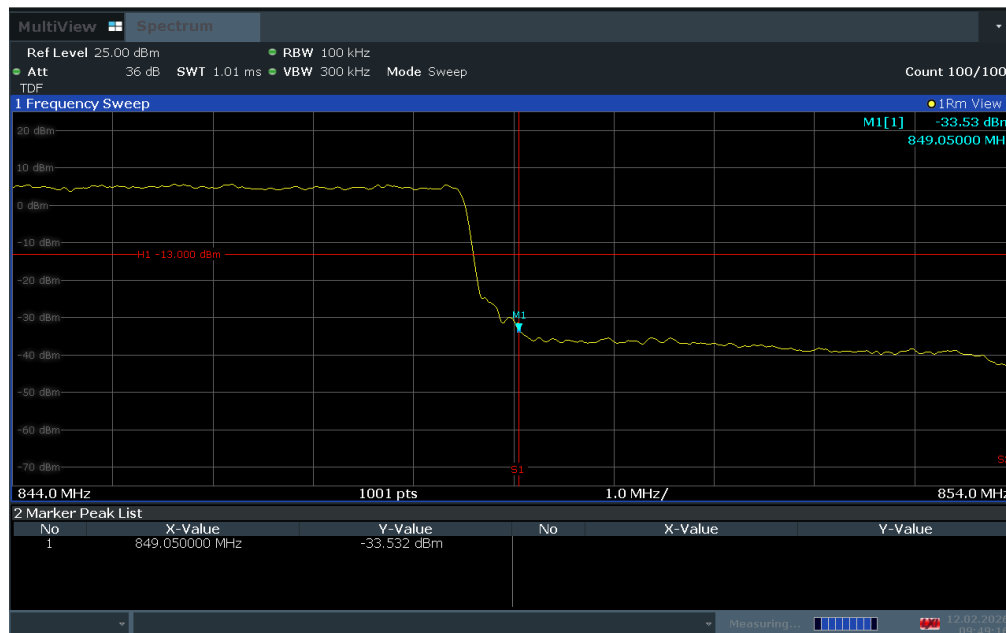
Peak



09:42:52 12.02.2026

Plot 7-59. Lower BE Plot (LTE Band 5 - 10MHz QPSK – Full RB Configuration)

Peak

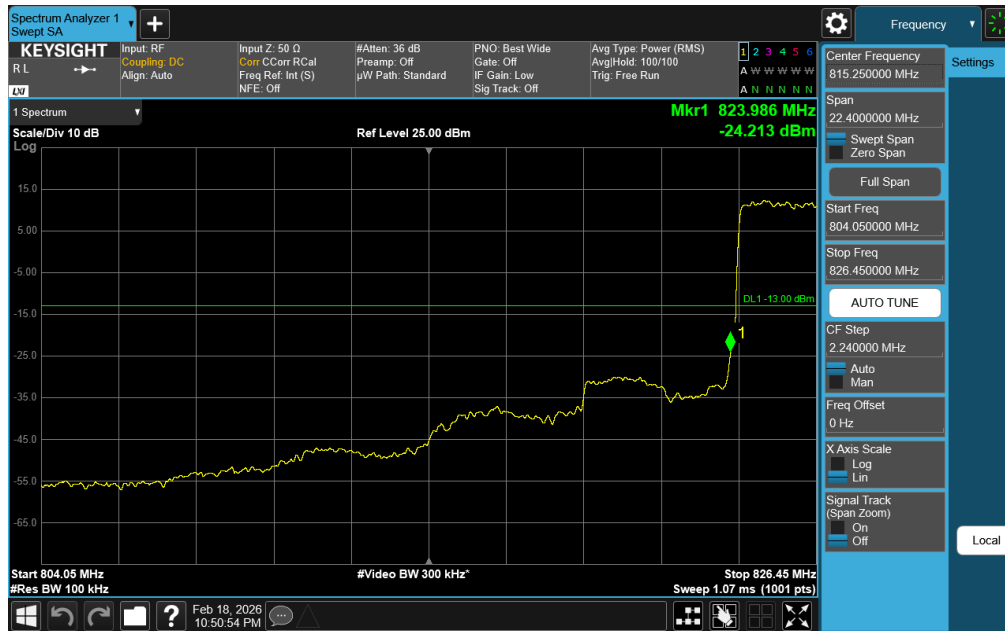


09:49:17 12.02.2026

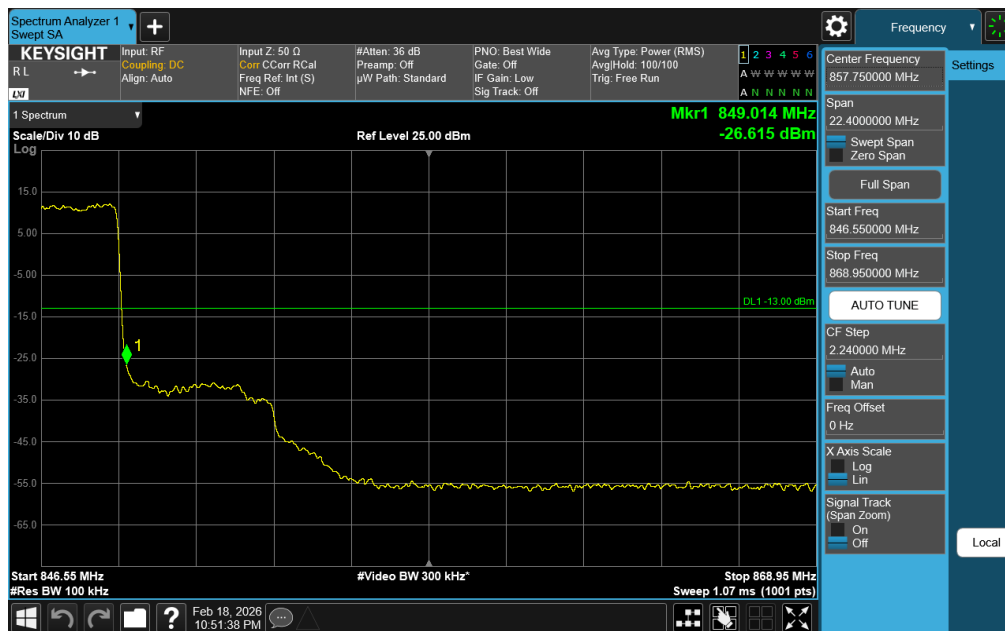
Plot 7-60. Upper BE Plot (LTE Band 5 - 10MHz QPSK – Full RB Configuration)

FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
Test Report S/N: 1C2604100030-01-R1.BCG		This report is blockchain verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the blockchain logo.		Page 50 of 89

NR Band n26



Plot 7-61. Lower BE Plot (NR Band n26 DFT-s-OFDM QPSK – 5.0MHz - Full RB)

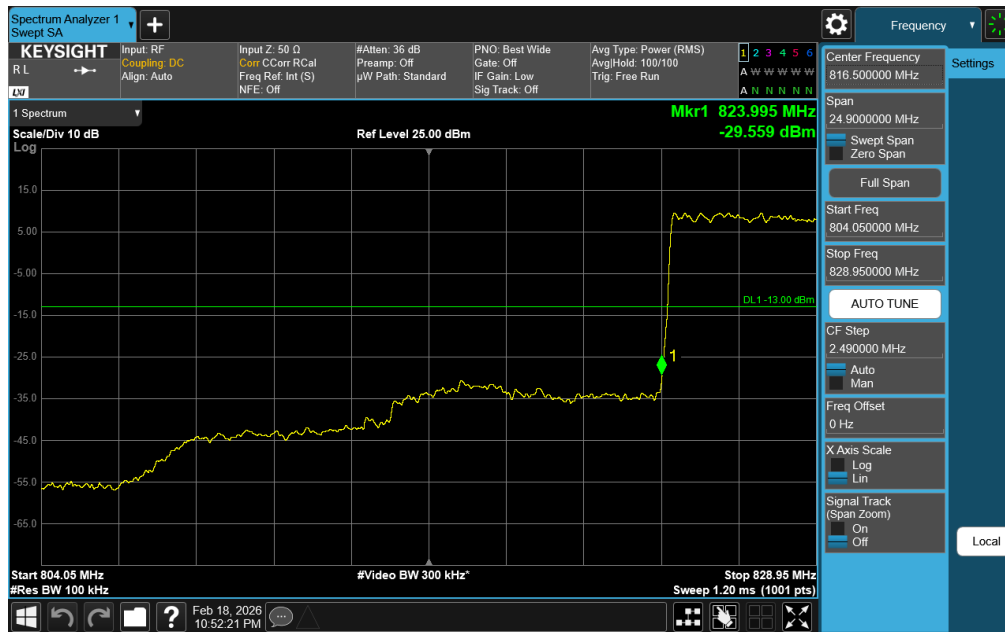


Plot 7-62. Upper BE Plot (NR Band n26 DFT-s-OFDM QPSK – 5.0MHz - Full RB)

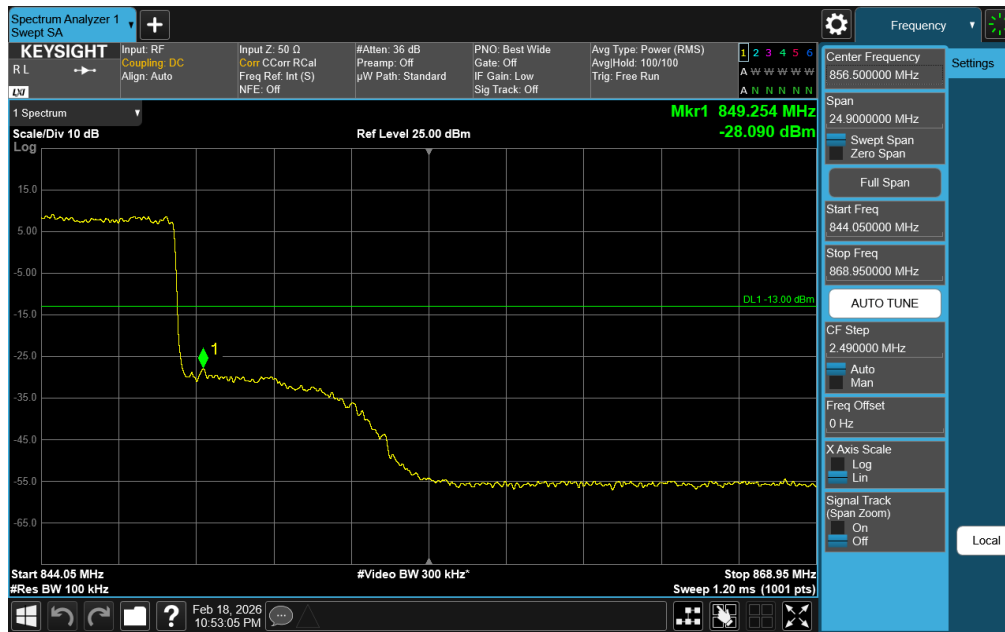
FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
Test Report S/N: 1C2604100030-01-R1.BCG		This report is blockchain verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the blockchain logo.		Page 51 of 89

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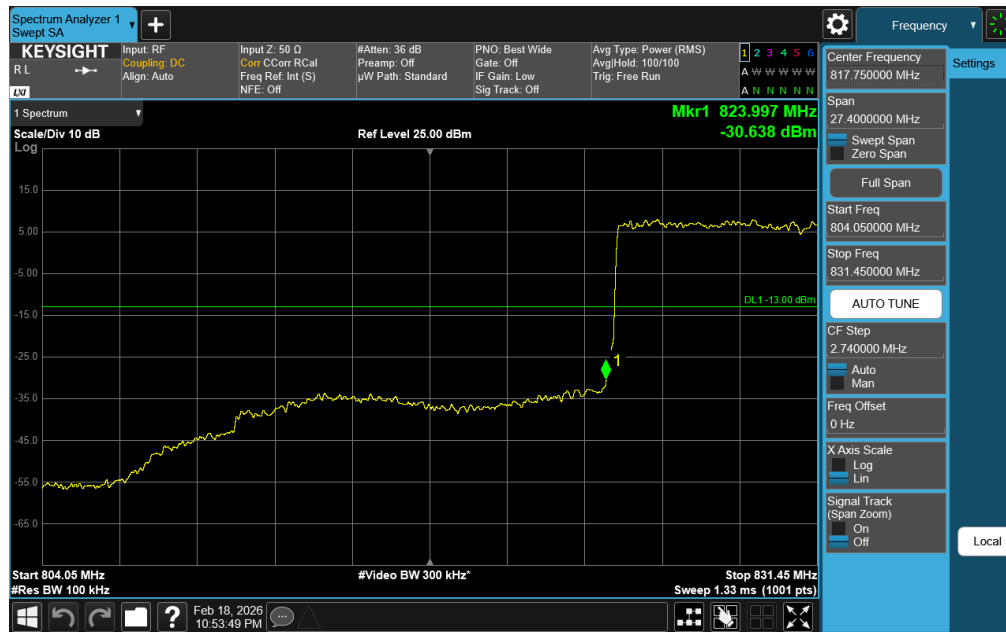


Plot 7-63. Lower BE Plot (NR Band n26 DFT-s-OFDM QPSK – 10.0MHz - Full RB)

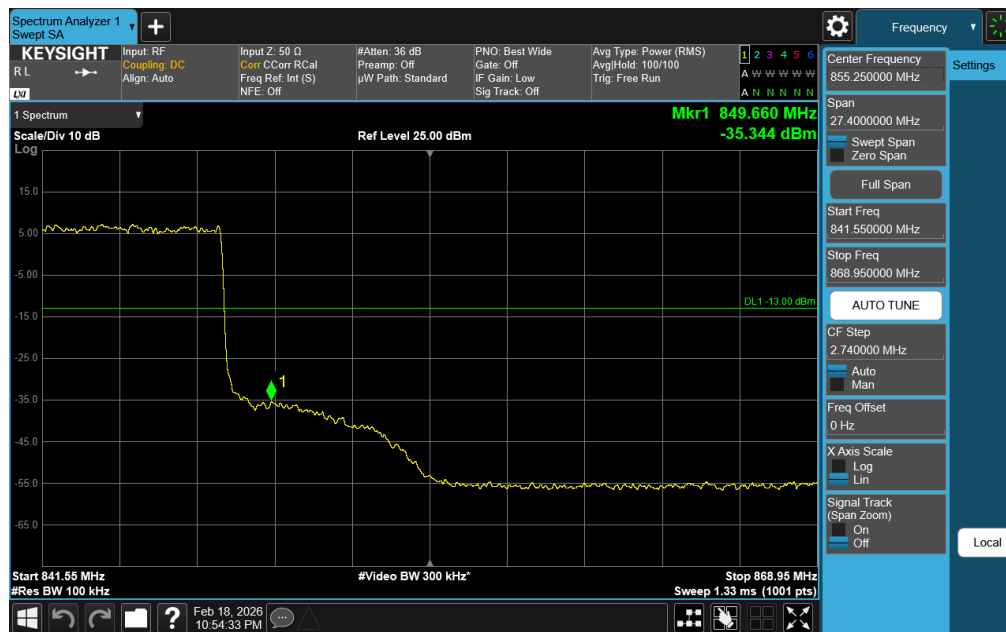


Plot 7-64. Upper BE Plot (NR Band n26 DFT-s-OFDM QPSK – 10.0MHz - Full RB)

FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
Test Report S/N: 1C2604100030-01-R1.BCG		This report is blockchain verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the blockchain logo.		Page 52 of 89

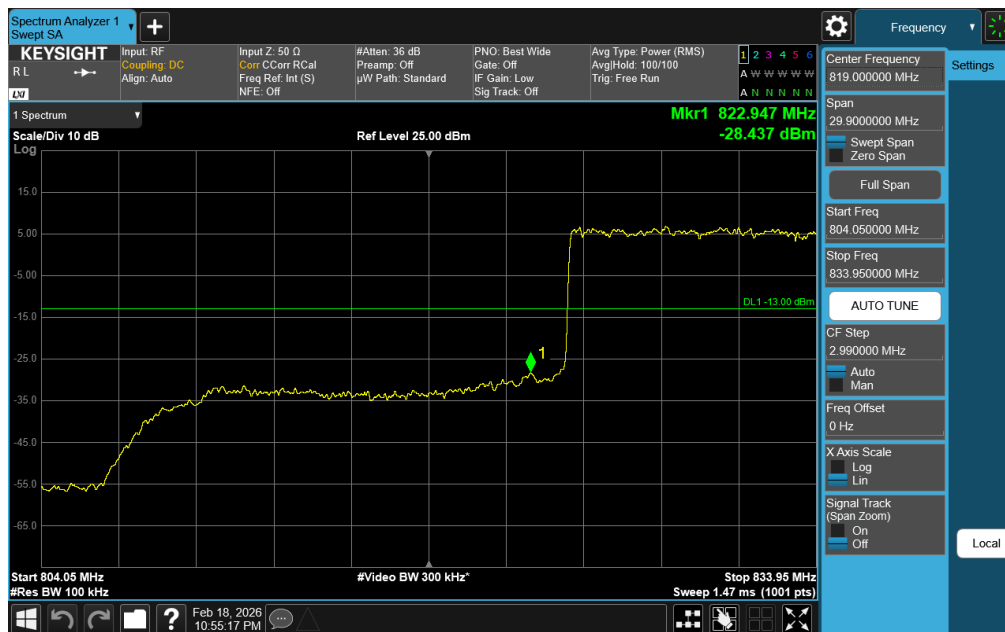


Plot 7-65. Lower BE Plot (NR Band n26 DFT-s-OFDM $\pi/2$ BPSK – 15.0MHz - Full RB)

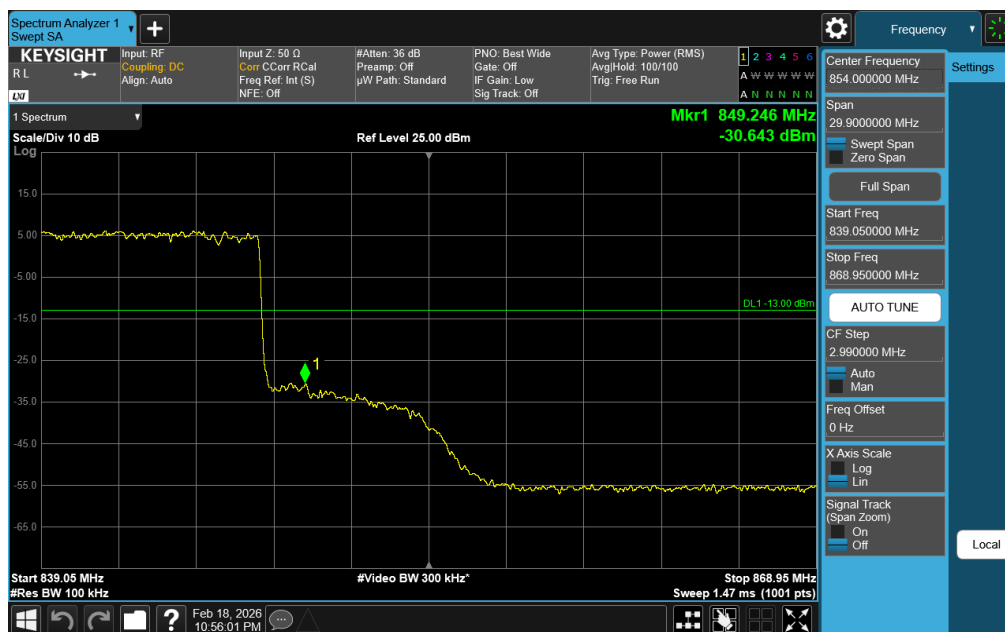


Plot 7-66. Upper BE Plot (NR Band n26 DFT-s-OFDM QPSK – 15.0MHz - Full RB)

FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
Test Report S/N: 1C2604100030-01-R1.BCG		This report is blockchain verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the blockchain logo.		Page 53 of 89



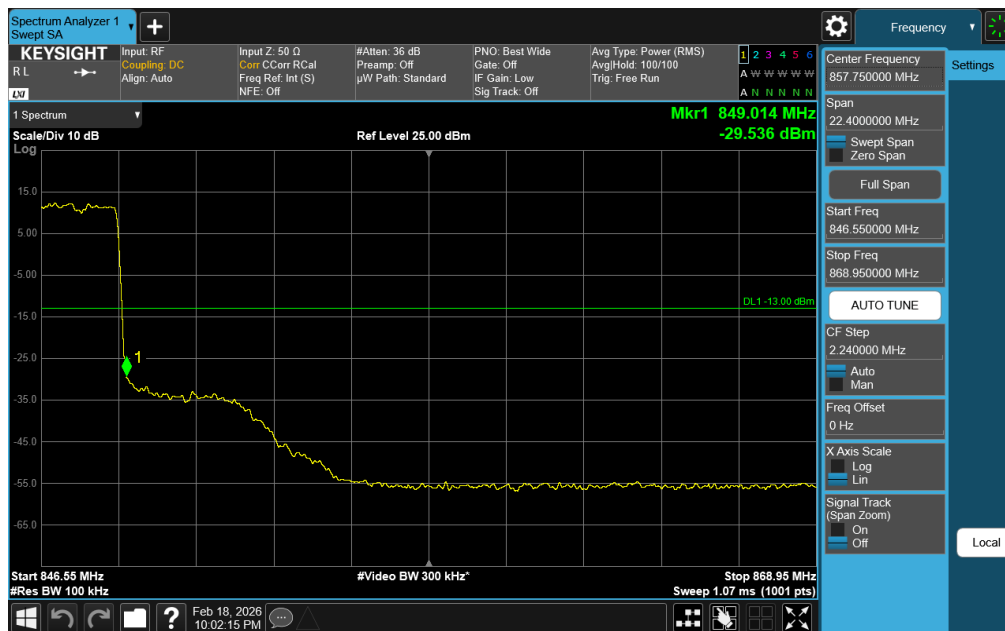
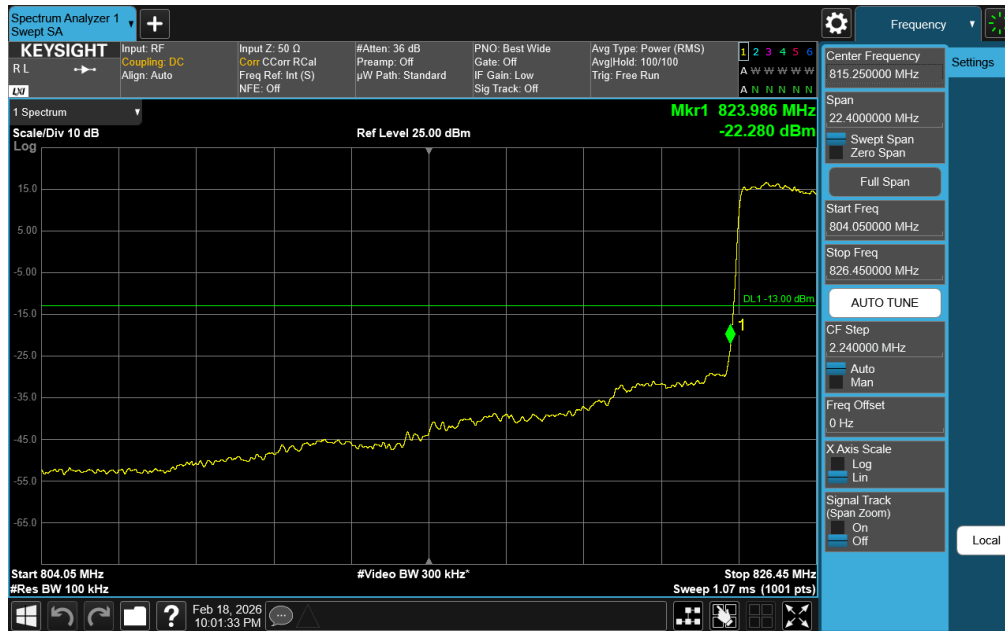
Plot 7-67. Lower BE Plot (NR Band n26 DFT-s-OFDM QPSK – 20.0MHz - Full RB)



Plot 7-68. Upper BE Plot (NR Band n26 DFT-s-OFDM QPSK – 20.0MHz - Full RB)

FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
Test Report S/N: 1C2604100030-01-R1.BCG		This report is blockchain verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the blockchain logo.		Page 54 of 89

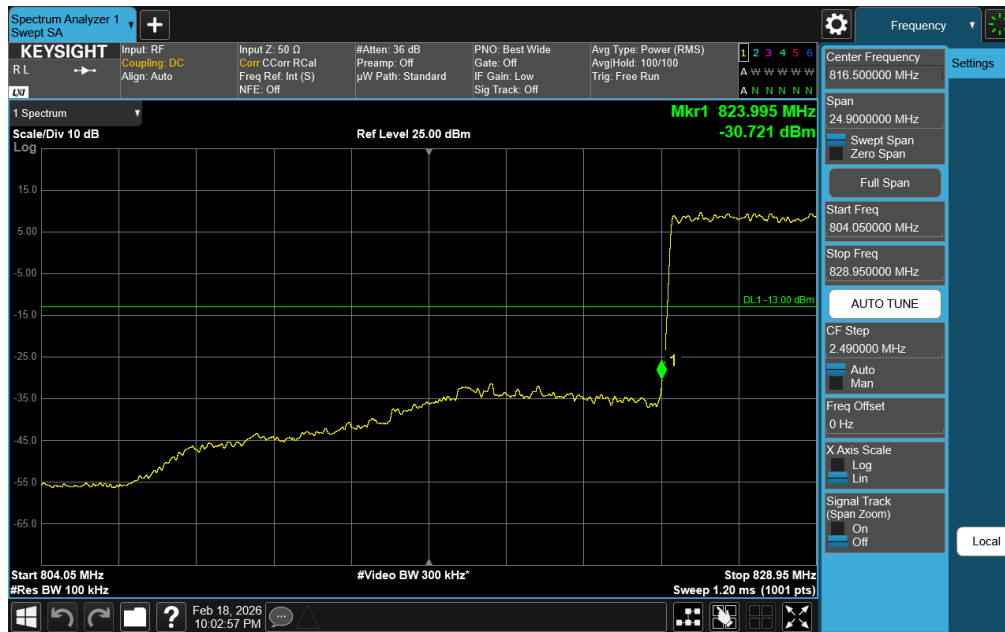
NR Band n5



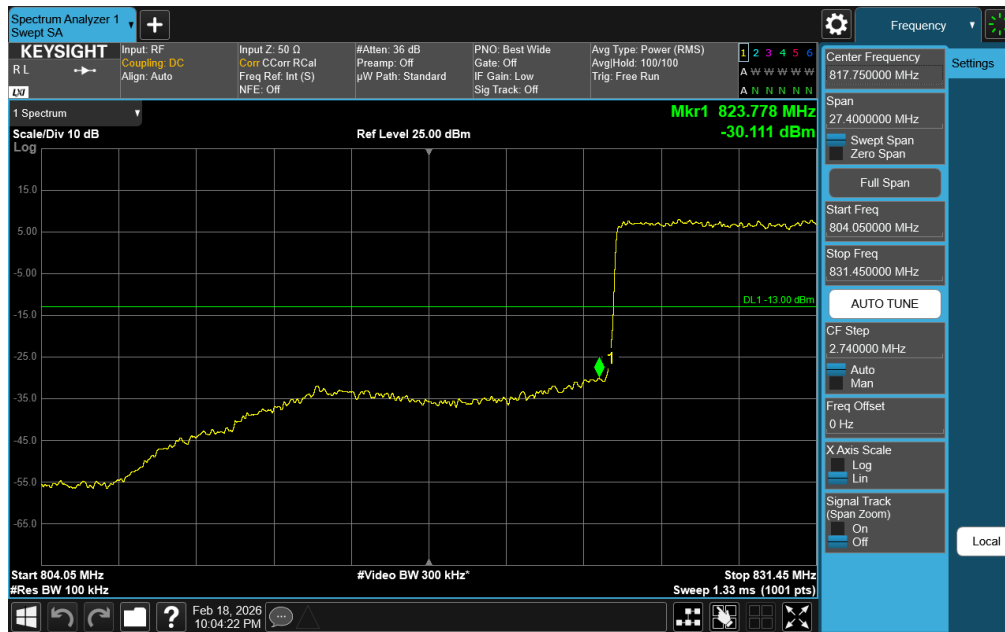
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Test Report S/N: 1C2604100030-01-R1.BCG		This report is blockchain verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the blockchain logo.		Page 55 of 89

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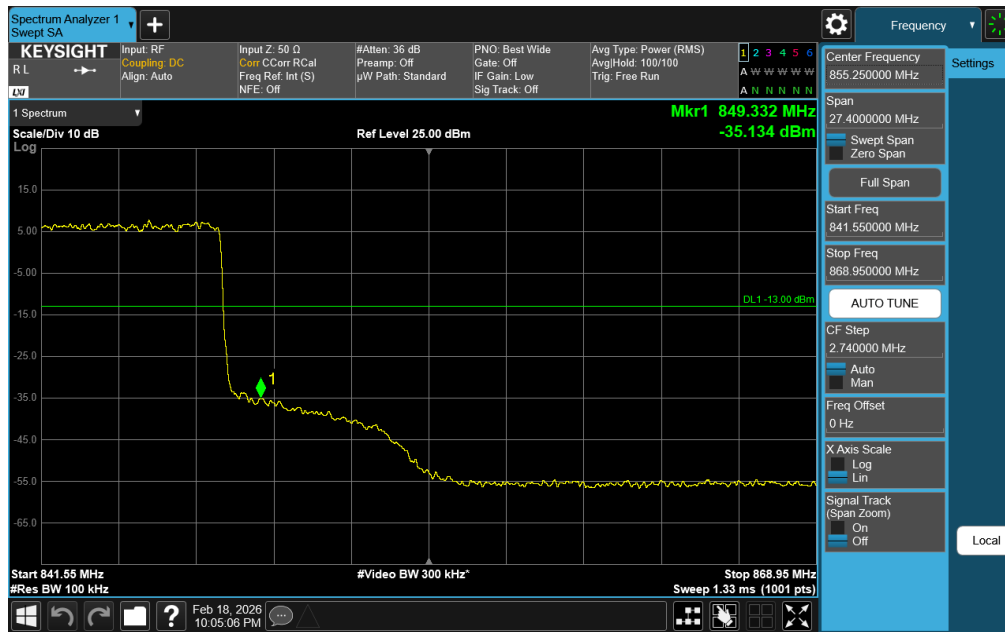
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FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
Test Report S/N: 1C2604100030-01-R1.BCG		This report is blockchain verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the blockchain logo.		Page 56 of 89

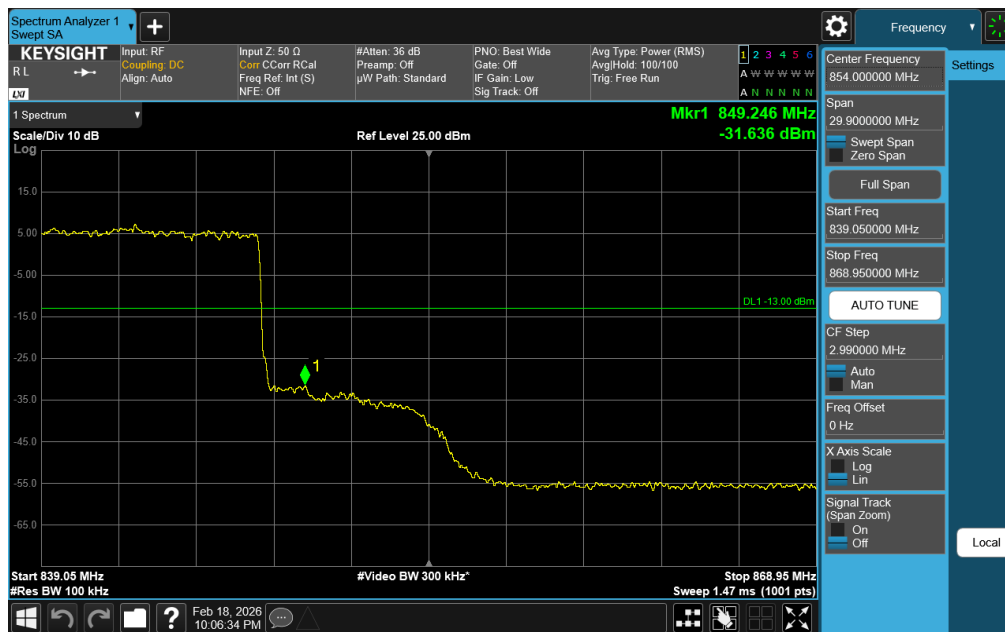
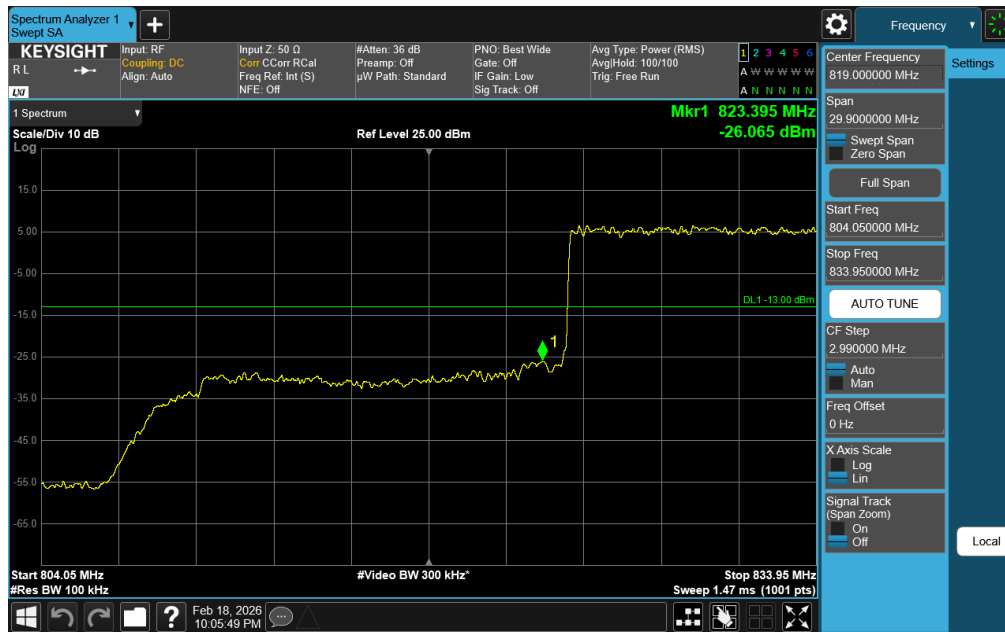


Plot 7-73. Lower BE Plot (NR Band n5 DFT-s-OFDM $\pi/2$ BPSK – 15.0MHz - Full RB)



Plot 7-74. Upper BE Plot (NR Band n5 DFT-s-OFDM QPSK – 15.0MHz - Full RB)

FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
Test Report S/N: 1C2604100030-01-R1.BCG		This report is blockchain verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the blockchain logo.		Page 57 of 89



FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
Test Report S/N: 1C2604100030-01-R1.BCG		This report is blockchain verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the blockchain logo.		Page 58 of 89

7.5 Peak-Average Ratio

Test Overview and Limit

A peak to average ratio measurement is performed at the conducted port of the EUT. The spectrum analyzers Complementary Cumulative Distribution Function (CCDF) measurement profile is used to determine the largest deviation between the average and the peak power of the EUT in a given bandwidth. The CCDF curve shows how much time the peak waveform spends at or above a given average power level. The percent of time the signal spends at or above the level defines the probability for that particular power level.

The peak to average power ratio (PAPR) of the equipment shall not exceed 13 dB for more than 0.1% of the time.

Test Procedure Used

KDB 971168 D01 v03r01 – Section 5.7.1

ANSI C63.26-2015

Test Settings

1. The signal analyzer's CCDF measurement profile is enabled
2. Frequency = carrier center frequency
3. Measurement BW $\geq$ OBW or specified reference bandwidth
4. The signal analyzer was set to collect one million samples to generate the CCDF curve
5. The measurement interval was set depending on the type of signal analyzed. For continuous signals (>98% duty cycle), the measurement interval was set to 1ms.

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.

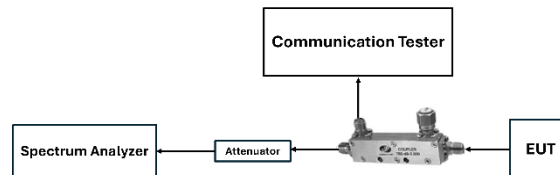


Figure 7-7. LTE Test Instrument & Measurement Setup

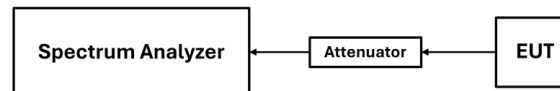


Figure 7-8. FR1 Test Instrument & Measurement Setup

Test Notes

1. For NR operation, all subcarrier spacings (SCS) and transmission schemes (e.g. CP-OFDM and DFT-s-OFDM) were investigated to determine the worst case configuration. BPSK was selected as the lowest-order modulation, while 64QAM exhibited the highest peak-to-average power ratio among the QAM modulation. Therefore, only BPSK and 64QAM results are reported in this section.

FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
Test Report S/N: 1C2604100030-01-R1.BCG		This report is blockchain verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the blockchain logo.		Page 59 of 89

Mode	Bandwidth	Modulation	PAR at 0.1% [dB]	PAR Limit [dB]	Margin [dB]
Band 5	1.4 MHz	QPSK	5.14	13	-7.86
		16-QAM	6.00	13	-7.00
	3 MHz	QPSK	5.30	13	-7.70
		16-QAM	5.92	13	-7.08
	5 MHz	QPSK	5.38	13	-7.62
		16-QAM	5.86	13	-7.14
	10 MHz	QPSK	5.40	13	-7.60
		16-QAM	5.68	13	-7.32
NR Band n5	5 MHz	$\pi/2$ BPSK	4.29	13	-8.71
		64-QAM	6.33	13	-6.67
	10 MHz	$\pi/2$ BPSK	4.33	13	-8.67
		64-QAM	6.21	13	-6.79
	15 MHz	$\pi/2$ BPSK	4.16	13	-8.84
		64-QAM	6.18	13	-6.82
	20 MHz	$\pi/2$ BPSK	4.15	13	-8.85
		64-QAM	6.23	13	-6.77

Table 7-2. Peak-Average Ratio Results

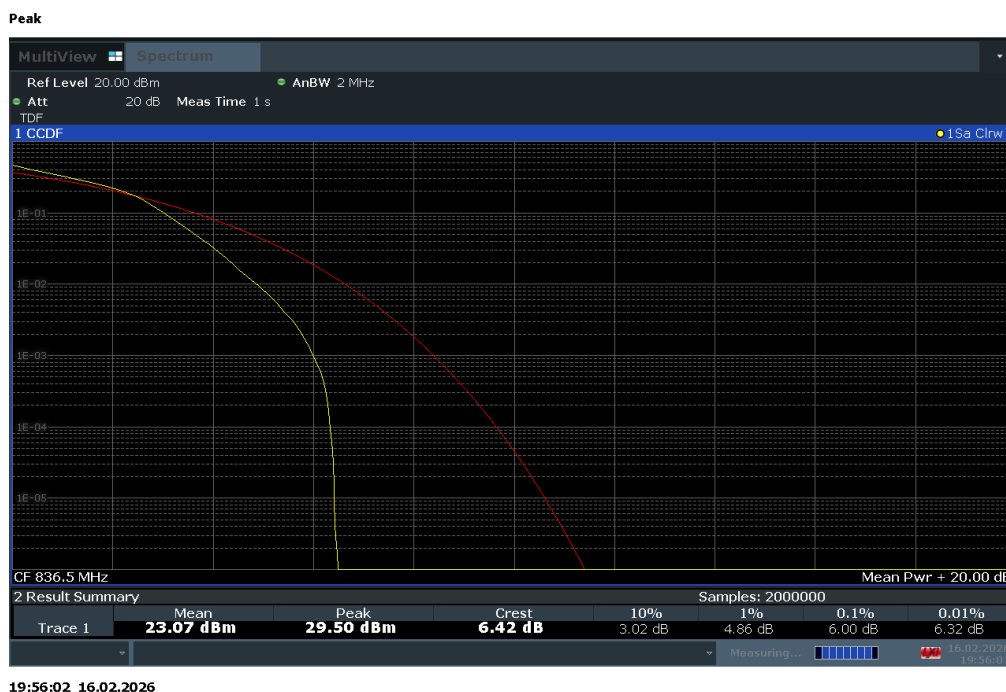
FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
Test Report S/N: 1C2604100030-01-R1.BCG		This report is blockchain verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the blockchain logo.		Page 60 of 89

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LTE Band 5



Plot 7-77. PAR Plot (LTE Band 5 - 1.4MHz QPSK - Full RB)



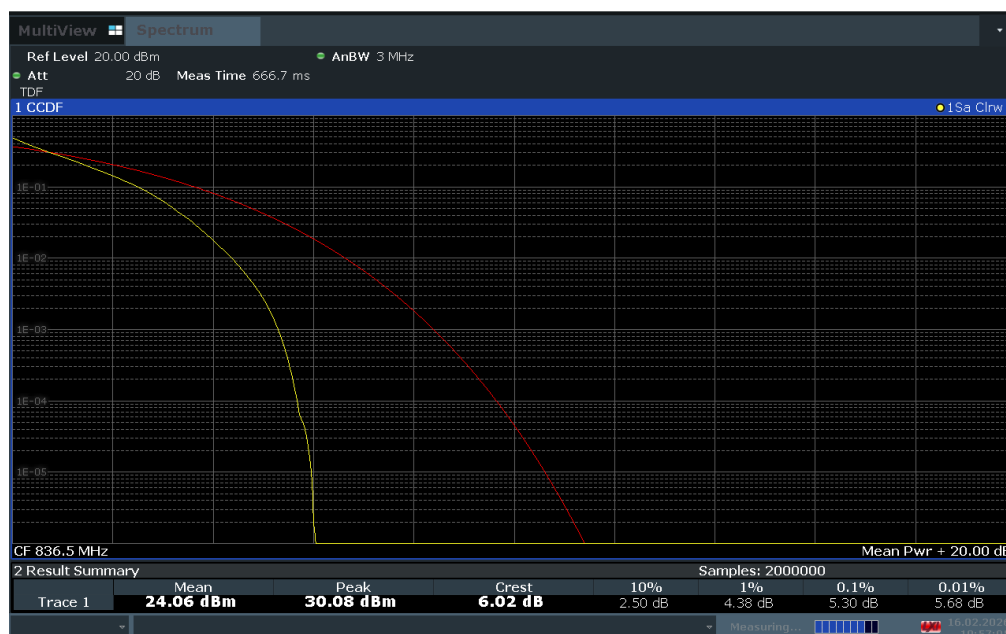
Plot 7-78. PAR Plot (LTE Band 5 - 1.4MHz 16-QAM - Full RB)

FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
Test Report S/N: 1C2604100030-01-R1.BCG		This report is blockchain verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the blockchain logo.		Page 61 of 89

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Peak



19:57:06 16.02.2026

Plot 7-79. PAR Plot (LTE Band 5 - 3MHz QPSK - Full RB)

Peak



19:58:10 16.02.2026

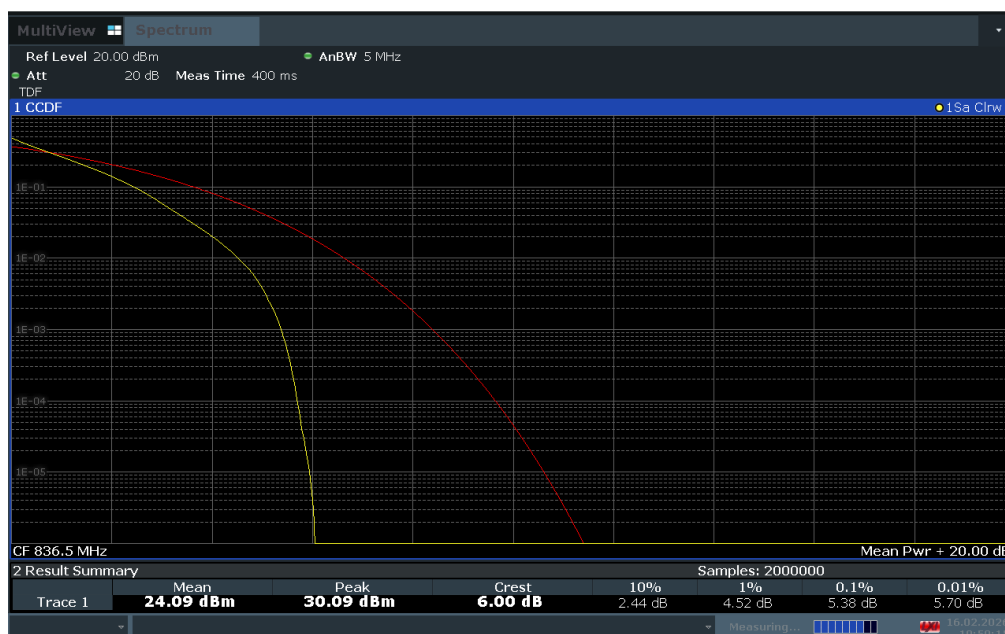
Plot 7-80. PAR Plot (LTE Band 5 - 3MHz 16-QAM - Full RB)

FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
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Peak



19:59:15 16.02.2026

Plot 7-81. PAR Plot (LTE Band 5 - 5MHz QPSK - Full RB)

Peak



20:00:21 16.02.2026

Plot 7-82. PAR Plot (LTE Band 5 - 5MHz 16-QAM - Full RB)

FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
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Peak



20:01:26 16.02.2026

Plot 7-83. PAR Plot (LTE Band 5 - 10MHz QPSK - Full RB)

Peak



20:02:31 16.02.2026

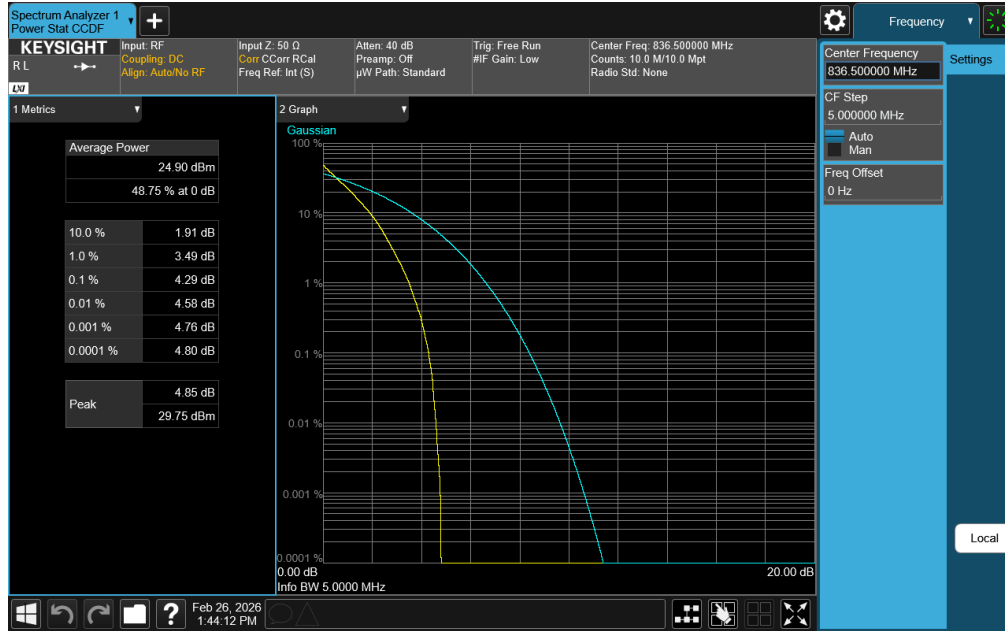
Plot 7-84. PAR Plot (LTE Band 5 - 10MHz 16-QAM - Full RB)

FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
Test Report S/N: 1C2604100030-01-R1.BCG		This report is blockchain verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the blockchain logo.		Page 64 of 89

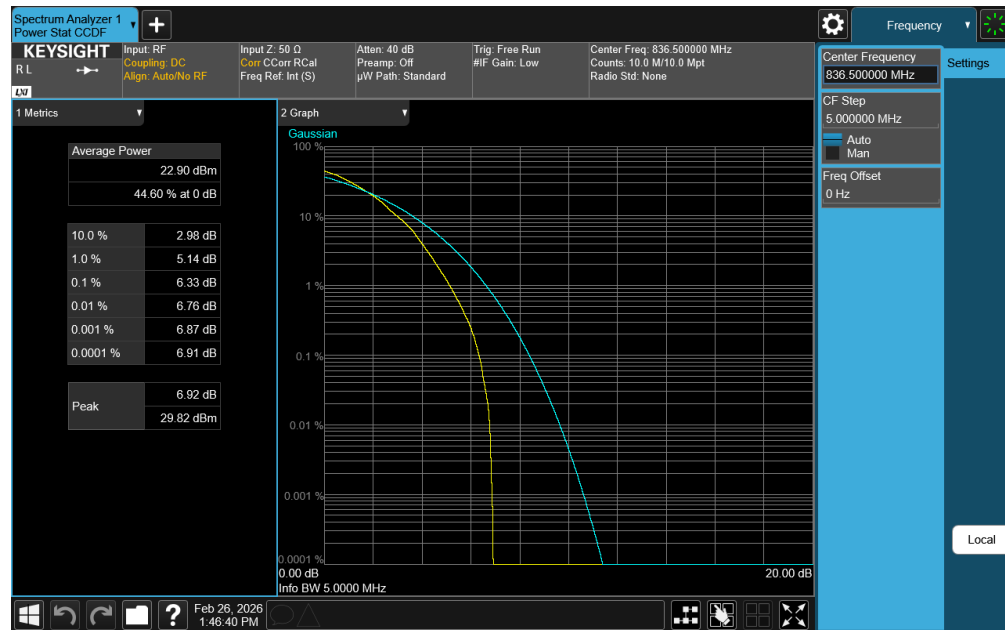
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NR Band n5

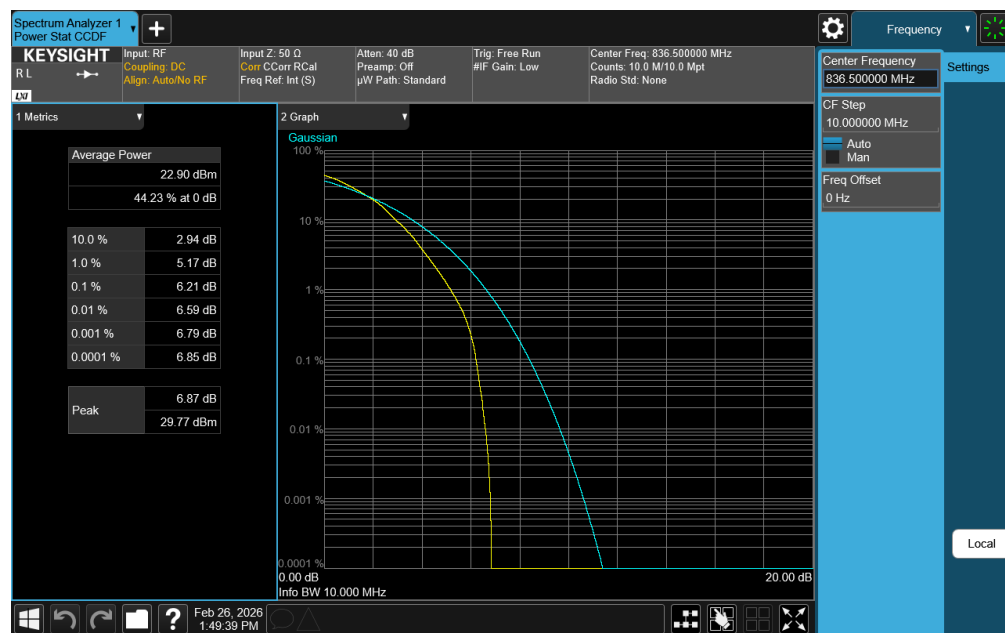
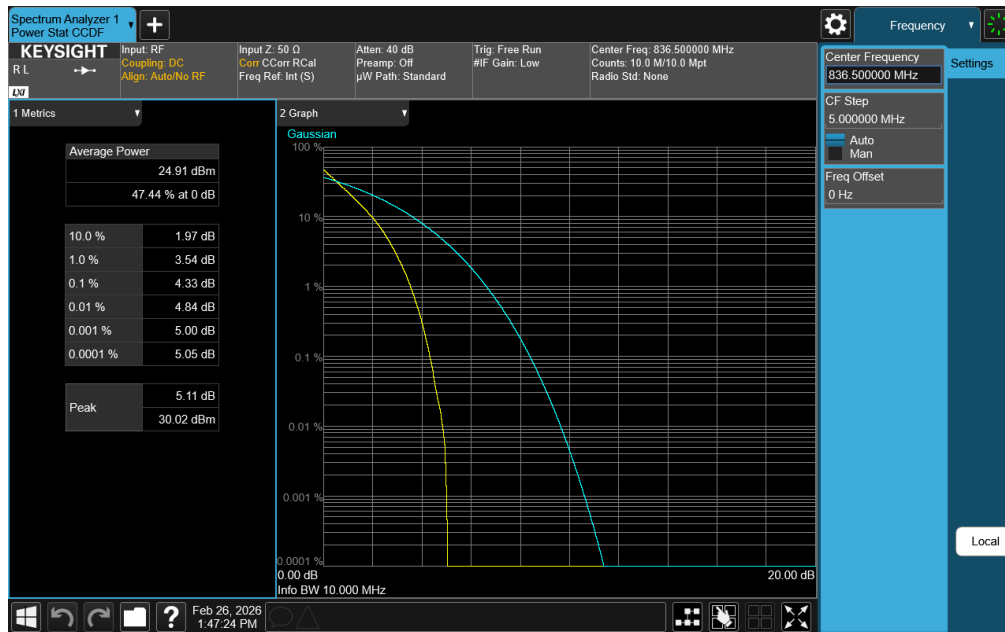


Plot 7-85. PAR Plot (NR Band n5- 5MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

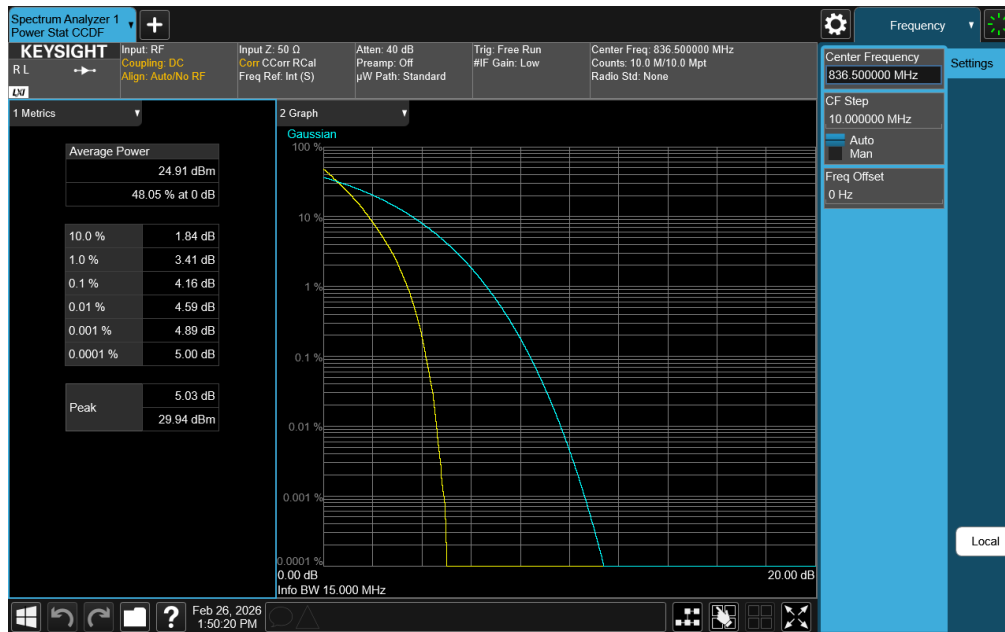


Plot 7-86. PAR Plot (NR Band n5- 5MHz DFT-s-OFDM 64-QAM - Full RB)

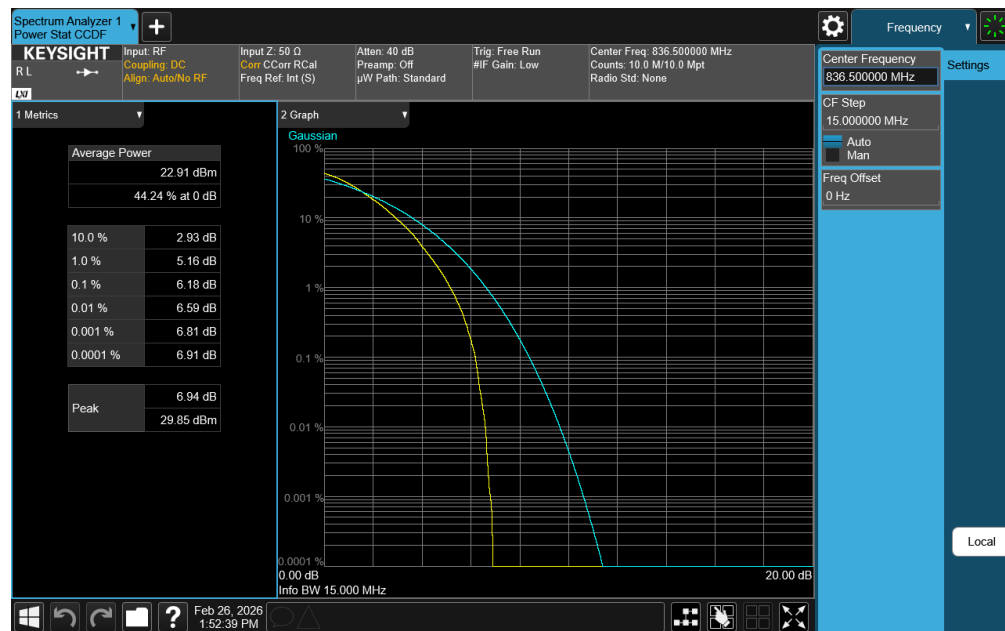
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Plot 7-89. PAR Plot (NR Band n5- 15MHz DFT-s-OFDM $\pi/2$ BPSK - Full RB)

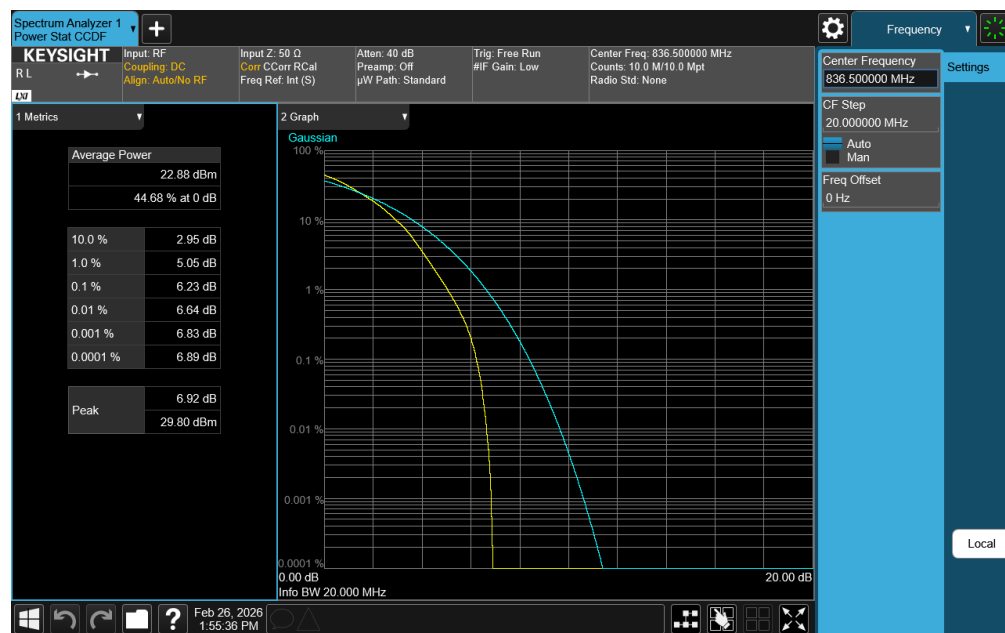
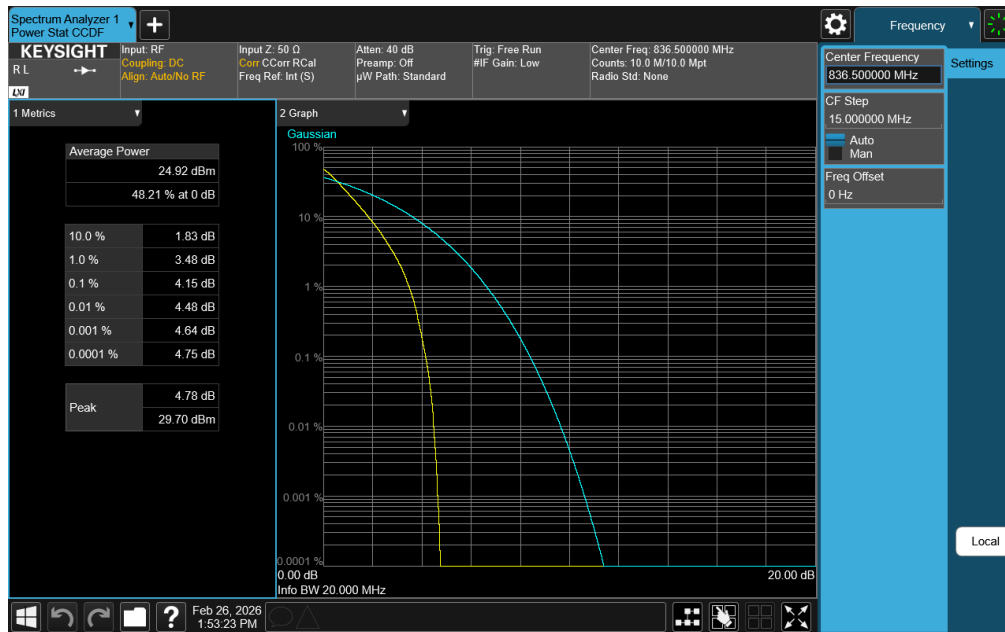


Plot 7-90. PAR Plot (NR Band n5- 15MHz DFT-s-OFDM 64-QAM - Full RB)

FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
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FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
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7.6 Radiated Power (ERP)

Test Overview

Effective Radiated Power (ERP) measurements are calculated by adding highest antenna gain to maximum measured conducted output power. 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.

Test Procedures Used

KDB 971168 D01 v03r01 – Section 5.2.1
ANSI C63.26-2015 – Section 5.2.5.5

Test Settings

The relevant equation for determining the ERP or EIRP from the conducted RF output power measured is:

$$ERP = P_{Meas} - LC + GT$$

Where:

ERP = Effective Radiated Power, respectively (expressed in the same units as P_{Meas} , typically dBW or dBm)

P_{Meas} = measured transmitter output power or PSD, in dBW or dBm

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

GT = gain of the transmitting antenna, in dBd (ERP) or dBi (EIRP)

Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.

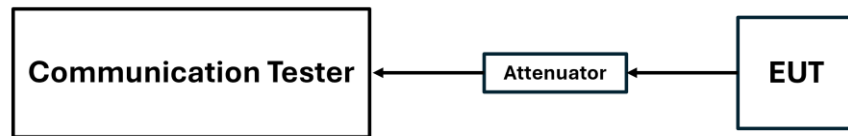


Figure 7-9. LTE Test Instrument & Measurement Setup

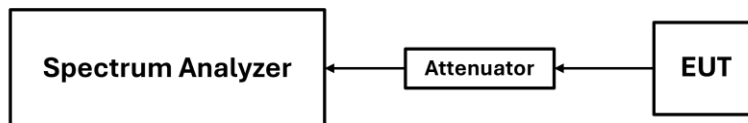


Figure 7-10. FR1 Test Instrument & Measurement Setup

FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
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Test Notes:

1. The EUT was tested in all possible test configurations. The worst case emissions are reported with the EUT modulations, RB sizes and offsets, and channel bandwidth configurations shown in the tables below.
2. This unit was tested with its standard battery.
3. The Level (dBm) readings in the table were taken with a correction table loaded into the base station simulator. The correction table was used to account for the signal attenuation in the connecting cable between the transmitter and antenna.
4. Conducted power measurements were evaluated for the two contiguous channels using various combinations of RB size, RB offset, modulation, and channel bandwidth. Channel bandwidth data is shown in the tables below based only on the channel bandwidths that were supported in this device.
5. The Ant. Gains (GT) are listed in dBi.
6. For NR operation, all subcarrier spacings (SCS) and transmission schemes (e.g. CP-OFDM and DFT-s-OFDM) 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.

FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
Test Report S/N: 1C2604100030-01-R1.BCG		This report is blockchain verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the blockchain logo.		Page 70 of 89

7.6.1 Antenna BCM – ERP

LTE Band 26

Bandwidth	Modulation	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [mW]	ERP Limit [dBm]	Margin [dB]
1.4 MHz	QPSK	824.7	-27.80	1 / 0	25.65	-4.30	0.372	38.45	-42.75
		836.5	-27.80	1 / 5	25.61	-4.34	0.368	38.45	-42.79
		848.3	-27.80	1 / 0	25.45	-4.50	0.355	38.45	-42.95
	16-QAM	848.3	-27.80	1 / 5	24.67	-5.28	0.296	38.45	-43.73
3 MHz	QPSK	825.5	-27.80	1 / 14	25.58	-4.37	0.366	38.45	-42.82
		836.5	-27.80	1 / 7	25.66	-4.29	0.372	38.45	-42.74
		847.5	-27.80	1 / 7	25.70	-4.25	0.376	38.45	-42.70
	16-QAM	836.5	-27.80	1 / 7	24.72	-5.23	0.300	38.45	-43.68
5 MHz	QPSK	826.5	-27.80	1 / 12	25.64	-4.31	0.371	38.45	-42.76
		836.5	-27.80	1 / 0	25.60	-4.35	0.367	38.45	-42.80
		846.5	-27.80	1 / 12	25.31	-4.64	0.344	38.45	-43.09
	16-QAM	826.5	-27.80	1 / 0	24.65	-5.30	0.295	38.45	-43.75
10 MHz	QPSK	829.0	-27.80	1 / 49	25.65	-4.30	0.372	38.45	-42.75
		836.5	-27.80	1 / 49	25.60	-4.35	0.367	38.45	-42.80
		844.0	-27.80	1 / 0	25.53	-4.42	0.361	38.45	-42.87
	16-QAM	829.0	-27.80	1 / 25	24.54	-5.41	0.288	38.45	-43.86

Table 7-3. Antenna BCM ERP Data (LTE Band 26) – FCC

FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
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LTE Band 5

Bandwidth	Modulation	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [mW]	ERP Limit [dBm]	Margin [dB]
1.4 MHz	QPSK	824.7	-27.80	1 / 0	25.63	-4.32	0.370	38.45	-42.77
		836.5	-27.80	1 / 3	25.65	-4.30	0.372	38.45	-42.75
		848.3	-27.80	1 / 0	25.55	-4.40	0.363	38.45	-42.85
	16-QAM	829.0	-27.80	1 / 0	24.67	-5.28	0.296	38.45	-43.73
3 MHz	QPSK	825.5	-27.80	1 / 0	25.37	-4.58	0.348	38.45	-43.03
		836.5	-27.80	1 / 0	25.52	-4.43	0.361	38.45	-42.88
		847.5	-27.80	1 / 7	25.61	-4.34	0.368	38.45	-42.79
	16-QAM	829.0	-27.80	1 / 14	24.67	-5.28	0.296	38.45	-43.73
5 MHz	QPSK	826.5	-27.80	1 / 0	25.69	-4.26	0.375	38.45	-42.71
		836.5	-27.80	1 / 0	25.70	-4.25	0.376	38.45	-42.70
		825.5	-27.80	1 / 12	25.52	-4.43	0.361	38.45	-42.88
	16-QAM	836.5	-27.80	1 / 0	24.70	-5.25	0.299	38.45	-43.70
10 MHz	QPSK	829.0	-27.80	1 / 49	25.58	-4.37	0.366	38.45	-42.82
		836.5	-27.80	1 / 0	25.67	-4.28	0.373	38.45	-42.73
		844.0	-27.80	1 / 0	25.48	-4.47	0.357	38.45	-42.92
	16-QAM	829.0	-27.80	1 / 0	24.73	-5.22	0.301	38.45	-43.67

Table 7-4. Antenna BCM ERP Data (LTE Band 5) – FCC

Bandwidth	Modulation	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [mW]	ERP Limit [dBm]	Margin [dB]
1.4 MHz	QPSK	824.7	-27.80	1 / 0	25.63	-4.32	0.370	34.77	-39.09
		836.5	-27.80	1 / 3	25.65	-4.30	0.372	34.77	-39.07
		848.3	-27.80	1 / 0	25.55	-4.40	0.363	34.77	-39.17
	16-QAM	829.0	-27.80	1 / 0	24.67	-5.28	0.296	34.77	-40.05
3 MHz	QPSK	825.5	-27.80	1 / 0	25.37	-4.58	0.348	34.77	-39.35
		836.5	-27.80	1 / 0	25.52	-4.43	0.361	34.77	-39.20
		847.5	-27.80	1 / 7	25.61	-4.34	0.368	34.77	-39.11
	16-QAM	829.0	-27.80	1 / 14	24.67	-5.28	0.296	34.77	-40.05
5 MHz	QPSK	826.5	-27.80	1 / 0	25.69	-4.26	0.375	34.77	-39.03
		836.5	-27.80	1 / 0	25.70	-4.25	0.376	34.77	-39.02
		825.5	-27.80	1 / 12	25.52	-4.43	0.361	34.77	-39.20
	16-QAM	836.5	-27.80	1 / 0	24.70	-5.25	0.299	34.77	-40.02
10 MHz	QPSK	829.0	-27.80	1 / 49	25.58	-4.37	0.366	34.77	-39.14
		836.5	-27.80	1 / 0	25.67	-4.28	0.373	34.77	-39.05
		844.0	-27.80	1 / 0	25.48	-4.47	0.357	34.77	-39.24
	16-QAM	829.0	-27.80	1 / 0	24.73	-5.22	0.301	34.77	-39.99

Table 7-5. Antenna BCM ERP Data (LTE Band 5) – ISED

FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
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NR Band n26

Bandwidth	Modulation	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [mW]	ERP Limit [dBm]	Margin [dB]
5 MHz	π/2 BPSK	829.0	-27.80	1 / 1	25.65	-4.30	0.372	38.45	-42.75
		836.5	-27.80	1 / 23	25.70	-4.25	0.376	38.45	-42.70
		844.0	-27.80	1 / 23	25.66	-4.29	0.372	38.45	-42.74
	QPSK	829.0	-27.80	1 / 12	25.65	-4.30	0.372	38.45	-42.75
		836.5	-27.80	1 / 23	25.46	-4.49	0.356	38.45	-42.94
		844.0	-27.80	1 / 1	25.24	-4.71	0.338	38.45	-43.16
	16-QAM	844.0	-27.80	1 / 12	24.58	-5.37	0.290	38.45	-43.82
	64-QAM	844.0	-27.80	1 / 23	23.62	-6.33	0.233	38.45	-44.78
10 MHz	π/2 BPSK	829.0	-27.80	1 / 25	25.70	-4.25	0.376	38.45	-42.70
		836.5	-27.80	1 / 25	25.44	-4.51	0.354	38.45	-42.96
		844.0	-27.80	1 / 1	25.67	-4.28	0.373	38.45	-42.73
	QPSK	829.0	-27.80	1 / 48	25.65	-4.30	0.372	38.45	-42.75
		836.5	-27.80	1 / 48	25.61	-4.34	0.368	38.45	-42.79
		844.0	-27.80	1 / 48	25.50	-4.45	0.359	38.45	-42.90
	16-QAM	836.5	-27.80	1 / 1	24.77	-5.18	0.303	38.45	-43.63
	64-QAM	829.0	-27.80	1 / 25	23.80	-6.15	0.243	38.45	-44.60
15 MHz	π/2 BPSK	831.5	-27.80	1 / 0	25.30	-4.65	0.343	38.45	-43.10
		836.5	-27.80	1 / 73	25.70	-4.25	0.376	38.45	-42.70
		841.5	-27.80	1 / 0	25.62	-4.33	0.369	38.45	-42.78
	QPSK	831.5	-27.80	1 / 0	25.61	-4.34	0.368	38.45	-42.79
		836.5	-27.80	1 / 37	25.65	-4.30	0.372	38.45	-42.75
		841.5	-27.80	1 / 0	25.69	-4.26	0.375	38.45	-42.71
	16-QAM	841.5	-27.80	1 / 37	24.62	-5.33	0.293	38.45	-43.78
	64-QAM	831.5	-27.80	1 / 37	23.58	-6.37	0.231	38.45	-44.82
20 MHz	π/2 BPSK	834.0	-27.80	1 / 1	25.36	-4.59	0.348	38.45	-43.04
		836.5	-27.80	1 / 1	25.70	-4.25	0.376	38.45	-42.70
		839.0	-27.80	1 / 50	25.52	-4.43	0.361	38.45	-42.88
	QPSK	834.0	-27.80	1 / 1	25.58	-4.37	0.366	38.45	-42.82
		836.5	-27.80	1 / 1	25.68	-4.27	0.374	38.45	-42.72
		839.0	-27.80	1 / 50	25.63	-4.32	0.370	38.45	-42.77
	16-QAM	836.5	-27.80	1 / 98	24.58	-5.37	0.290	38.45	-43.82
	64-QAM	836.5	-27.80	1 / 50	23.62	-6.33	0.233	38.45	-44.78

Table 7-6. Antenna BCM ERP Data (NR Band n26) – FCC

FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
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NR Band n5

Bandwidth	Modulation	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [mW]	ERP Limit [dBm]	Margin [dB]
5 MHz	π/2 BPSK	829.0	-27.80	1 / 12	25.56	-4.39	0.364	38.45	-42.84
		836.5	-27.80	1 / 23	25.53	-4.42	0.361	38.45	-42.87
		844.0	-27.80	1 / 12	25.66	-4.29	0.372	38.45	-42.74
	QPSK	829.0	-27.80	1 / 23	25.66	-4.29	0.372	38.45	-42.74
		836.5	-27.80	1 / 1	25.65	-4.30	0.372	38.45	-42.75
		844.0	-27.80	1 / 23	25.70	-4.25	0.376	38.45	-42.70
	16-QAM	829.0	-27.80	1 / 1	24.69	-5.26	0.298	38.45	-43.71
	64-QAM	829.0	-27.80	1 / 12	23.60	-6.35	0.232	38.45	-44.80
10 MHz	π/2 BPSK	829.0	-27.80	1 / 48	25.56	-4.39	0.364	38.45	-42.84
		836.5	-27.80	1 / 1	25.62	-4.33	0.369	38.45	-42.78
		844.0	-27.80	1 / 1	25.68	-4.27	0.374	38.45	-42.72
	QPSK	829.0	-27.80	1 / 48	25.39	-4.56	0.350	38.45	-43.01
		836.5	-27.80	1 / 1	25.60	-4.35	0.367	38.45	-42.80
		844.0	-27.80	1 / 25	25.70	-4.25	0.376	38.45	-42.70
	16-QAM	844.0	-27.80	1 / 25	24.61	-5.34	0.292	38.45	-43.79
	64-QAM	844.0	-27.80	1 / 1	23.63	-6.32	0.233	38.45	-44.77
15 MHz	π/2 BPSK	831.5	-27.80	1 / 73	25.59	-4.36	0.366	38.45	-42.81
		836.5	-27.80	1 / 0	25.51	-4.44	0.360	38.45	-42.89
		841.5	-27.80	1 / 73	25.45	-4.50	0.355	38.45	-42.95
	QPSK	831.5	-27.80	1 / 73	25.65	-4.30	0.372	38.45	-42.75
		836.5	-27.80	1 / 0	25.34	-4.61	0.346	38.45	-43.06
		841.5	-27.80	1 / 0	25.70	-4.25	0.376	38.45	-42.70
	16-QAM	841.5	-27.80	1 / 0	24.63	-5.32	0.294	38.45	-43.77
	64-QAM	831.5	-27.80	1 / 0	23.61	-6.34	0.232	38.45	-44.79
20 MHz	π/2 BPSK	834.0	-27.80	1 / 1	25.66	-4.29	0.372	38.45	-42.74
		836.5	-27.80	1 / 1	25.44	-4.51	0.354	38.45	-42.96
		839.0	-27.80	1 / 98	25.62	-4.33	0.369	38.45	-42.78
	QPSK	834.0	-27.80	1 / 50	25.70	-4.25	0.376	38.45	-42.70
		836.5	-27.80	1 / 98	25.52	-4.43	0.361	38.45	-42.88
		839.0	-27.80	1 / 50	25.67	-4.28	0.373	38.45	-42.73
	16-QAM	839.0	-27.80	1 / 50	24.66	-5.29	0.296	38.45	-43.74
	64-QAM	834.0	-27.80	1 / 50	23.69	-6.26	0.237	38.45	-44.71

Table 7-7. Antenna BCM ERP Data (NR Band n5) – FCC

FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
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Bandwidth	Modulation	Frequency [MHz]	Ant. Gain [dBi]	RB Size/Offset	Conducted Power [dBm]	ERP [dBm]	ERP [mW]	ERP Limit [dBm]	Margin [dB]
5 MHz	$\pi/2$ BPSK	829.0	-27.80	1 / 12	25.56	-4.39	0.364	34.77	-39.16
		836.5	-27.80	1 / 23	25.53	-4.42	0.361	34.77	-39.19
		844.0	-27.80	1 / 12	25.66	-4.29	0.372	34.77	-39.06
	QPSK	829.0	-27.80	1 / 23	25.66	-4.29	0.372	34.77	-39.06
		836.5	-27.80	1 / 1	25.65	-4.30	0.372	34.77	-39.07
		844.0	-27.80	1 / 23	25.70	-4.25	0.376	34.77	-39.02
	16-QAM	829.0	-27.80	1 / 1	24.69	-5.26	0.298	34.77	-40.03
	64-QAM	829.0	-27.80	1 / 12	23.60	-6.35	0.232	34.77	-41.12
10 MHz	$\pi/2$ BPSK	829.0	-27.80	1 / 48	25.56	-4.39	0.364	34.77	-39.16
		836.5	-27.80	1 / 1	25.62	-4.33	0.369	34.77	-39.10
		844.0	-27.80	1 / 1	25.68	-4.27	0.374	34.77	-39.04
	QPSK	829.0	-27.80	1 / 48	25.39	-4.56	0.350	34.77	-39.33
		836.5	-27.80	1 / 1	25.60	-4.35	0.367	34.77	-39.12
		844.0	-27.80	1 / 25	25.70	-4.25	0.376	34.77	-39.02
	16-QAM	844.0	-27.80	1 / 25	24.61	-5.34	0.292	34.77	-40.11
	64-QAM	844.0	-27.80	1 / 1	23.63	-6.32	0.233	34.77	-41.09
15 MHz	$\pi/2$ BPSK	831.5	-27.80	1 / 73	25.59	-4.36	0.366	34.77	-39.13
		836.5	-27.80	1 / 0	25.51	-4.44	0.360	34.77	-39.21
		841.5	-27.80	1 / 73	25.45	-4.50	0.355	34.77	-39.27
	QPSK	831.5	-27.80	1 / 73	25.65	-4.30	0.372	34.77	-39.07
		836.5	-27.80	1 / 0	25.34	-4.61	0.346	34.77	-39.38
		841.5	-27.80	1 / 0	25.70	-4.25	0.376	34.77	-39.02
	16-QAM	841.5	-27.80	1 / 0	24.63	-5.32	0.294	34.77	-40.09
	64-QAM	831.5	-27.80	1 / 0	23.61	-6.34	0.232	34.77	-41.11
20 MHz	$\pi/2$ BPSK	834.0	-27.80	1 / 1	25.66	-4.29	0.372	34.77	-39.06
		836.5	-27.80	1 / 1	25.44	-4.51	0.354	34.77	-39.28
		839.0	-27.80	1 / 98	25.62	-4.33	0.369	34.77	-39.10
	QPSK	834.0	-27.80	1 / 50	25.70	-4.25	0.376	34.77	-39.02
		836.5	-27.80	1 / 98	25.52	-4.43	0.361	34.77	-39.20
		839.0	-27.80	1 / 50	25.67	-4.28	0.373	34.77	-39.05
	16-QAM	839.0	-27.80	1 / 50	24.66	-5.29	0.296	34.77	-40.06
	64-QAM	834.0	-27.80	1 / 50	23.69	-6.26	0.237	34.77	-41.03

Table 7-8. Antenna BCM ERP Data (NR Band n5) – ISED

FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
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7.7 Radiated Spurious Emissions

Test Overview

Radiated spurious emissions measurements are performed using the field strength conversion method described in KDB 971168 with the EUT transmitting into an integral antenna. Measurements on signals operating below 1GHz are performed using horizontally and vertically polarized tuned dipole antennas. Measurements on signals operating above 1GHz are performed using vertically and horizontally polarized broadband horn antennas. All measurements are performed as peak measurements while the EUT is operating at maximum power, and at the appropriate frequencies.

Test Procedures Used

KDB 971168 D01 v03r01 – Section 5.8

Test Settings

1. RBW = 100kHz for emissions below 1GHz and 1MHz for emissions above 1GHz
2. VBW $\geq 3 \times$ RBW
3. Span = 1.5 times the OBW
4. No. of sweep points $\geq 2 \times$ span / RBW
5. Detector = RMS
6. Trace mode = Average (Max Hold for pulsed emissions)
7. The trace was allowed to stabilize

FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
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Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.

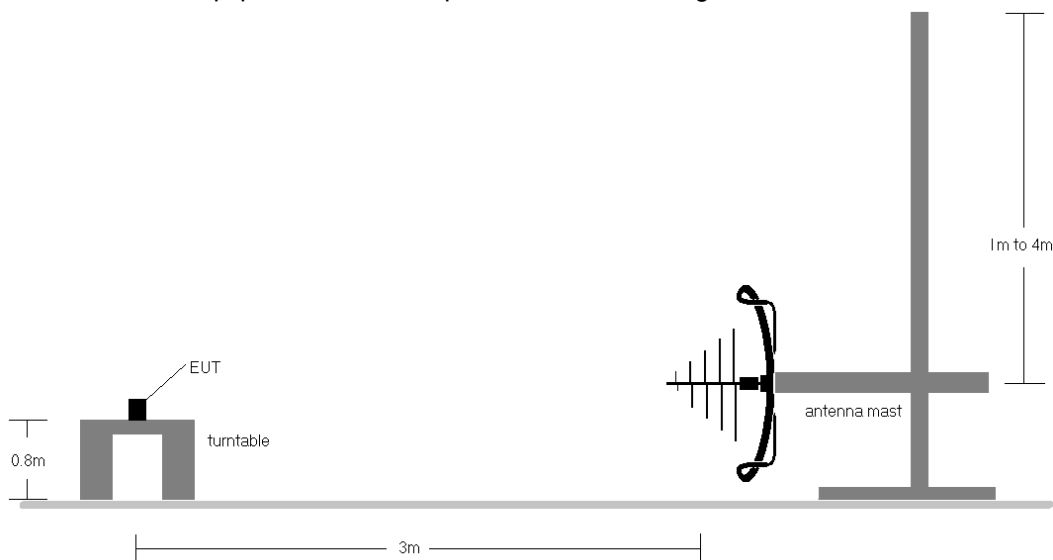


Figure 7-11. Test Instrument & Measurement Setup < 1GHz

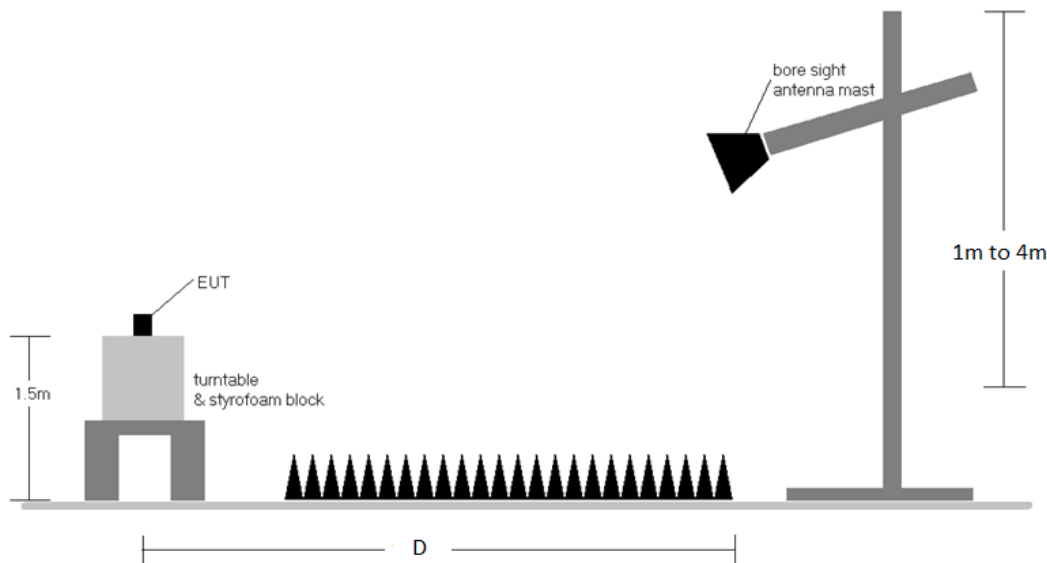


Figure 7-12. Test Instrument & Measurement Setup >1 GHz

FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
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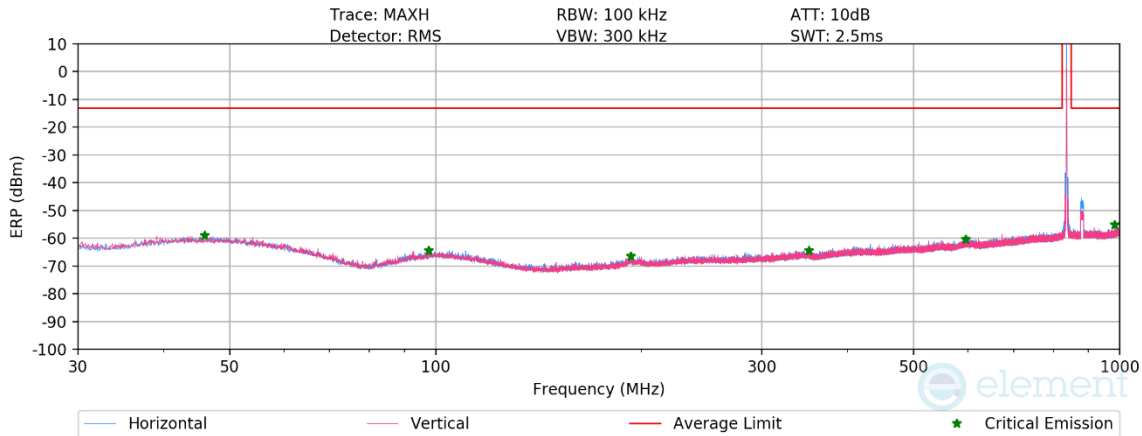
Test Notes

1. Field strengths are calculated using the Measurement quantity conversions in KDB 971168 D01 v03r01 Section 5.8.4.
 - a. $E(\text{dB}\mu\text{V}/\text{m}) = \text{Measured amplitude level (dBm)} + 107 + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}$
 - b. $\text{EIRP (dBm)} = E(\text{dB}\mu\text{V}/\text{m}) + 20\log D - 104.8$; where D is the measurement distance in meters.
2. The EUT was tested in three orthogonal planes 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 tables below.
3. This unit was tested with its standard battery.
4. The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter. The worst-case emissions are reported.
5. D is the measurement test distance and emissions 1-18GHz were measured at a 3 meters test distance.
6. The "-" shown in the following RSE tables are used to denote a noise floor measurement.
7. For NR operation, all subcarrier spacings (SCS) and transmission schemes (e.g. CP-OFDM and DFT-s-OFDM) 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.

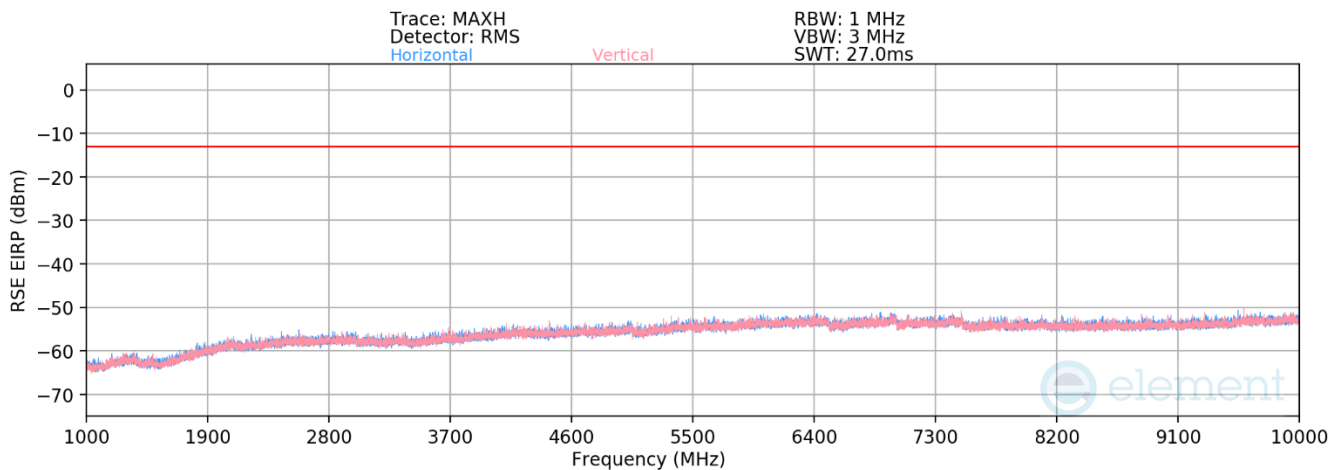
FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
Test Report S/N: 1C2604100030-01-R1.BCG		This report is blockchain verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the blockchain logo.		Page 78 of 89

7.7.1 Antenna BCM – Radiated Spurious Emission Measurements

LTE Band 26/5



Plot 7-93. Antenna BCM Radiated Spurious Plot below 1GHz (LTE Band 26/5)



Plot 7-94. Antenna BCM Radiated Spurious Plot above 1GHz (LTE Band 26/5)

FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
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Bandwidth (MHz):	10
Frequency (MHz):	829.0
RB / Offset:	1 / 25

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1658.0	V	373	62	-73.85	-4.88	28.27	-66.99	-13.00	-53.99
2487.0	V	-	-	-75.82	-0.30	30.88	-64.38	-13.00	-51.38
2487.0	V	-	-	-76.03	0.72	31.69	-63.57	-13.00	-50.57
3316.0	V	-	-	-76.79	2.77	32.98	-62.28	-13.00	-49.28

Table 7-9. Antenna BCM Radiated Spurious Data (LTE Band 26/5 – Low Channel)

Bandwidth (MHz):	10
Frequency (MHz):	836.5
RB / Offset:	1 / 25

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1673.0	V	250	17	-73.19	-4.81	29.00	-66.26	-13.00	-53.26
2509.5	V	-	-	-75.76	-0.24	31.00	-64.26	-13.00	-51.26
3346.0	V	-	-	-76.50	0.84	31.35	-63.91	-13.00	-50.91
4182.5	V	-	-	-76.59	2.89	33.30	-61.96	-13.00	-48.96

Table 7-10. Antenna BCM Radiated Spurious Data (LTE Band 26/5 – Mid Channel)

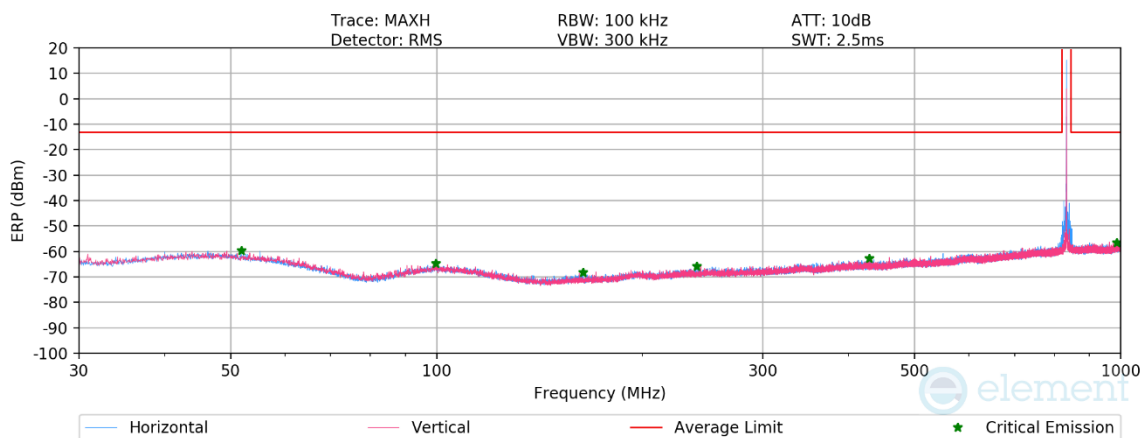
Bandwidth (MHz):	10
Frequency (MHz):	844.0
RB / Offset:	1 / 25

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1688.0	V	-	-	-75.67	-4.14	27.19	-68.07	-13.00	-55.07
2532.0	V	-	-	-76.09	-0.04	30.87	-64.39	-13.00	-51.39
3376.0	V	-	-	-76.45	0.60	31.15	-64.10	-13.00	-51.10

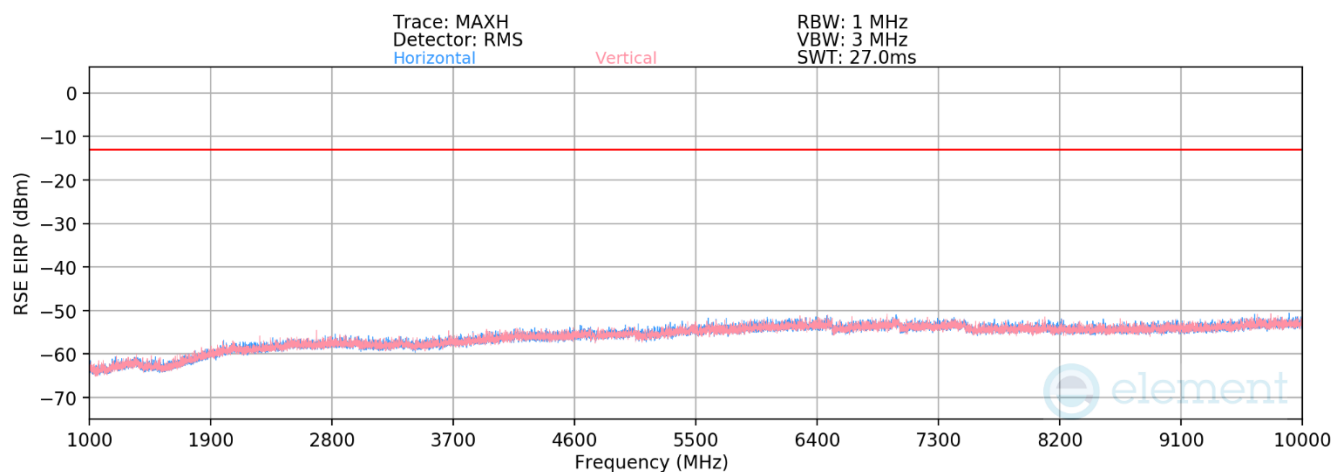
Table 7-11. Antenna BCM Radiated Spurious Data (LTE Band 26/5 – High Channel)

FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
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NR Band n26/n5



Plot 7-95. Antenna BCM Radiated Spurious Plot below 1GHz (NR Band n26/n5)



Plot 7-96. Antenna BCM Radiated Spurious Plot above 1GHz (NR Band n26/n5)

FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
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Bandwidth (MHz):	20
Frequency (MHz):	834.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1668.0	V	365	74	-74.49	-4.81	27.70	-67.56	-13.00	-54.56
2502.0	V	-	-	-75.97	-0.04	30.99	-64.27	-13.00	-51.27
3336.0	V	-	-	-76.25	0.60	31.34	-63.91	-13.00	-50.91
4170.0	V	-	-	-76.62	2.77	33.15	-62.11	-13.00	-49.11

Table 7-12. Antenna BCM Radiated Spurious Data (NR Band n26/n5 – Low Channel)

Bandwidth (MHz):	20
Frequency (MHz):	836.5
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1673.0	V	371	81	-74.13	-4.81	28.05	-67.20	-13.00	-54.20
2509.5	V	-	-	-76.06	-0.10	30.84	-64.42	-13.00	-51.42
3346.0	V	-	-	-76.33	0.60	31.27	-63.99	-13.00	-50.99
4182.5	V	-	-	-76.84	2.77	32.93	-62.33	-13.00	-49.33

Table 7-13. Antenna BCM Radiated Spurious Data (NR Band n26/n5 – Mid Channel)

Bandwidth (MHz):	20
Frequency (MHz):	839.0
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1678.0	V	114	74	-74.24	-4.81	27.95	-67.31	-13.00	-54.31
2517.0	V	-	-	-76.14	-0.04	30.82	-64.44	-13.00	-51.44
3356.0	V	-	-	-76.32	0.60	31.28	-63.98	-13.00	-50.98
4195.0	V	-	-	-76.84	2.77	32.93	-62.32	-13.00	-49.32

Table 7-14. Antenna BCM Radiated Spurious Data (NR Band n26/n5 – High Channel)

FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
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7.8 Frequency Stability / Temperature Variation

Test Overview and Limit

Frequency Tolerance testing is performed in accordance with the guidelines of ANSI C63.26-2015 and TIA-603-E-2016. All port were tested and only the worst case data were reported. The Frequency Tolerance of the transmitter is measured by:

- a.) **Temperature:** The temperature is varied from -30°C to +50°C in 10°C increments using an environmental chamber.
- b.) **Primary Supply Voltage:** The primary supply voltage is varied from 85% to 115% of the nominal value for non hand-carried battery and AC powered equipment. For hand-carried, battery-powered equipment, primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacturer.

For Part 22, the Frequency Tolerance of the transmitter shall be maintained within $\pm 0.00025\%$ (± 2.5 ppm) of the center frequency.

For RSS-132, the frequency stability shall be sufficient to ensure that the occupied bandwidth stays within each of the sub-bands when tested at the temperature and supply voltage variations specified in RSS-Gen.

Test Procedure Used

ANSI C63.26-2015

TIA-603-E-2016

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.

FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
Test Report S/N: 1C2604100030-01-R1.BCG		This report is blockchain verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the blockchain logo.		Page 83 of 89

Test Setup

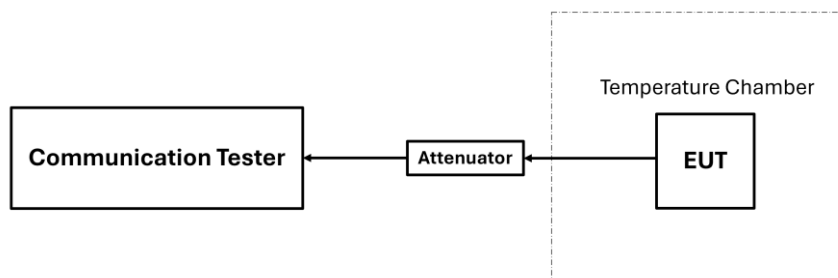


Figure 7-13. LTE Test Instrument & Measurement Setup

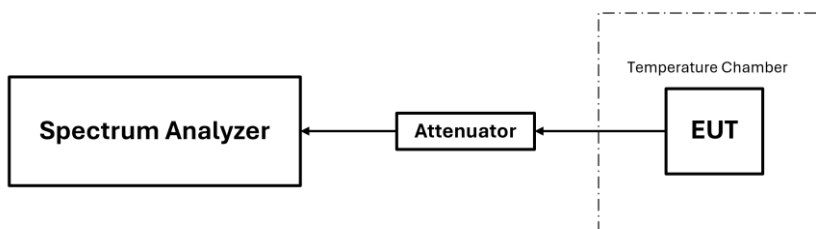


Figure 7-14. FR1 Test Instrument & Measurement Setup

Test Notes

None.

FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
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Frequency Tolerance / Temperature Variation

LTE Band 26/5					
		Operating Frequency (Hz):		836,500,000	
		Ref. Voltage (VDC):		3.80	
		Deviation Limit:		± 0.00025% or 2.5 ppm	
Voltage (%)	Power (VDC)	Temp (°C)	Frequency (Hz)	Freq. Dev. (Hz)	Deviation (%)
100 %	3.80	- 30	836,499,968	70.25	0.0000084
		- 20	836,499,516	-382.37	-0.0000457
		- 10	836,500,256	358.21	0.0000428
		0	836,500,322	423.79	0.0000507
		+ 10	836,500,018	119.79	0.0000143
		+ 20 (Ref)	836,499,898	0.00	0.0000000
		+ 30	836,499,614	-283.62	-0.0000339
		+ 40	836,499,798	-99.89	-0.0000119
		+ 50	836,500,042	144.08	0.0000172
Battery Endpoint	3.40	+ 20	836,499,645	-252.84	-0.0000302

Table 7-15. LTE Band 26/5 Frequency Tolerance Data - FCC

FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
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LTE Band 5				
Operating Band Lower Boundary (GHz)			0.824	
Ref. Voltage (VDC):			3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	0.82443089	-0.00043089
		- 20	0.82474788	-0.00074788
		- 10	0.82440266	-0.00040266
		0	0.82474970	-0.00074970
		+ 10	0.82467547	-0.00067547
		+ 20 (Ref)	0.82438880	-0.00038880
		+ 30	0.82449193	-0.00049193
		+ 40	0.82442340	-0.00042340
		+ 50	0.82461449	-0.00061449
Battery Endpoint	3.40	+ 20	0.82473164	-0.00073164

Table 7-16. LTE Band 5 Lower Boundary Frequency Stability Data – ISED

LTE Band 5				
Operating Band Upper Boundary (GHz)			0.849	
Ref. Voltage (VDC):			3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	0.84840229	-0.00059771
		- 20	0.84829516	-0.00070484
		- 10	0.84825436	-0.00074564
		0	0.84821895	-0.00078105
		+ 10	0.84833382	-0.00066618
		+ 20 (Ref)	0.84821708	-0.00078292
		+ 30	0.84866682	-0.00033318
		+ 40	0.84837441	-0.00062559
		+ 50	0.84854629	-0.00045371
Battery Endpoint	3.40	+ 20	0.84834244	-0.00065756

Table 7-17. LTE Band 5 Upper Boundary Frequency Stability Data – ISED

FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
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Frequency Tolerance / Temperature Variation

NR Band n26/n5					
		Operating Frequency (Hz):		836,500,000	
		Ref. Voltage (VDC):		3.80	
		Deviation Limit:		± 0.00025% or 2.5 ppm	
Voltage (%)	Power (VDC)	Temp (°C)	Frequency (Hz)	Freq. Dev. (Hz)	Deviation (%)
100 %	3.80	- 30	836,499,702	-338.72	-0.0000405
		- 20	836,500,041	0.11	0.0000000
		- 10	836,500,274	233.48	0.0000279
		0	836,499,882	-158.64	-0.0000190
		+ 10	836,500,234	192.85	0.0000231
		+ 20 (Ref)	836,500,041	0.00	0.0000000
		+ 30	836,499,971	-69.97	-0.0000084
		+ 40	836,500,010	-31.30	-0.0000037
		+ 50	836,499,954	-86.78	-0.0000104
Battery Endpoint	3.40	+ 20	836,500,223	181.93	0.0000217

Table 7-18. NR Band n26/n5 Frequency Tolerance Data – FCC

FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
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NR Band n5				
Operating Band Lower Boundary (GHz)			0.824	
Ref. Voltage (VDC):			3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	0.82435201	-0.00035201
		- 20	0.82470511	-0.00070511
		- 10	0.82433008	-0.00033008
		0	0.82470931	-0.00070931
		+ 10	0.82456441	-0.00056441
		+ 20 (Ref)	0.82473101	-0.00073101
		+ 30	0.82448516	-0.00048516
		+ 40	0.82445109	-0.00045109
		+ 50	0.82444663	-0.00044663
Battery Endpoint	3.40	+ 20	0.82457492	-0.00057492

Table 7-19. NR Band n5 Lower Boundary Frequency Stability Data – ISED

NR Band n5				
Operating Band Upper Boundary (GHz)			0.849	
Ref. Voltage (VDC):			3.80	
Voltage (%)	Power (VDC)	Temp (°C)	Measured Freq. (GHz)	Freq. Delta from Operating Range (GHz)
100 %	3.80	- 30	0.84860053	-0.00039947
		- 20	0.84845468	-0.00054532
		- 10	0.84844076	-0.00055924
		0	0.84869471	-0.00030529
		+ 10	0.84869071	-0.00030929
		+ 20 (Ref)	0.84835897	-0.00064103
		+ 30	0.84834978	-0.00065022
		+ 40	0.84860216	-0.00039784
		+ 50	0.84864898	-0.00035102
Battery Endpoint	3.40	+ 20	0.84834735	-0.00065265

Table 7-20. NR Band n5 Upper Boundary Frequency Stability Data – ISED

FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
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8.0 CONCLUSION

The data collected relate only to the item(s) tested and show that the Apple **Watch FCC ID: BCG-A3582, IC: 579C-A3582** complies with all the requirements of Part 22 of the FCC rules and RSS-132 of the Innovation, Science and Economic Development Canada Rules.

FCC ID: BCG-A3582 IC: 579C-A3582		Test Dates: 12/2/2025 - 8/04/2026	EUT Type: Watch	Approved by: Technical Manager
Test Report S/N: 1C2604100030-01-R1.BCG		This report is blockchain verified. To verify the report authenticity, please visit https://www.blockchain-verified.com or by clicking on the blockchain logo.		Page 89 of 89