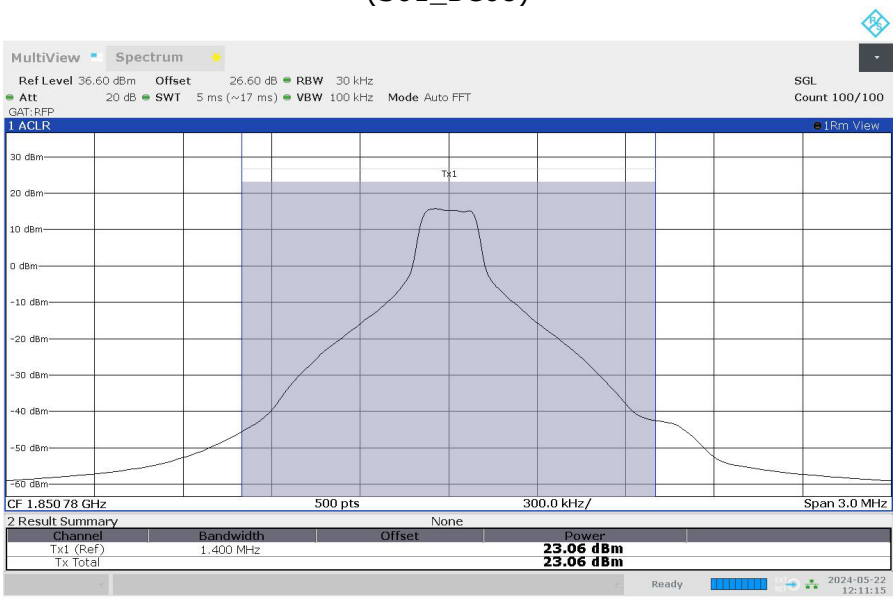
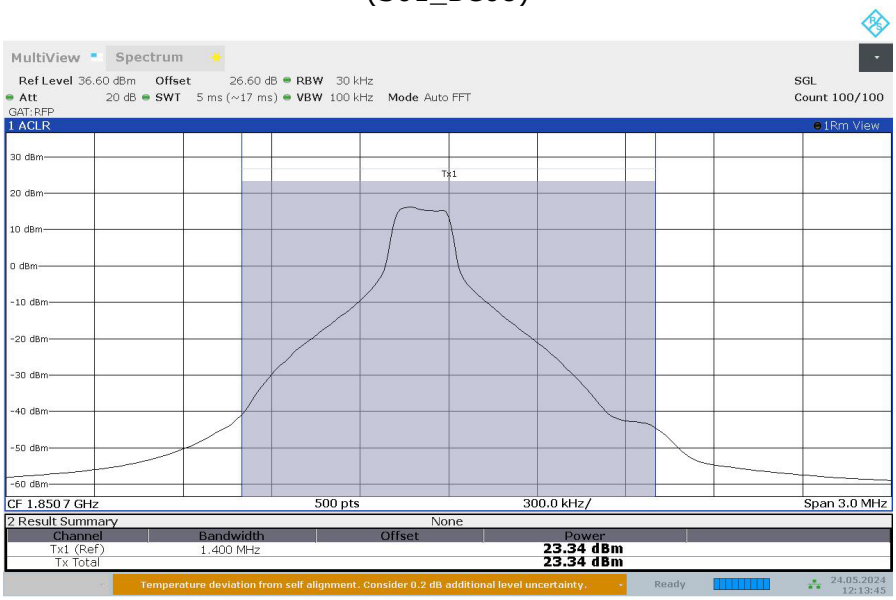
5.8.4 MEASUREMENT PLOT (EXAMPLE PLOT, SHOWING WORST CASE, IF APPLICABLE)

Technology = CAT-M1, Radio Technology = eFDD 2 QPSK, Operating Frequency = low channel, ChBW = 3 MHz, Ressource Blocks = 1
(S01_BC08)



12:11:15 PM 05/22/2024

Technology = CAT-M1, Radio Technology = eFDD 25 QPSK, Operating Frequency = low channel, ChBW = 1.4 MHz, Ressource Blocks = 1
(S01_BC08)



12:13:45 24.05.2024

5.8.5 TEST EQUIPMENT USED

- Radio Lab

5.9 RF OUTPUT POWER

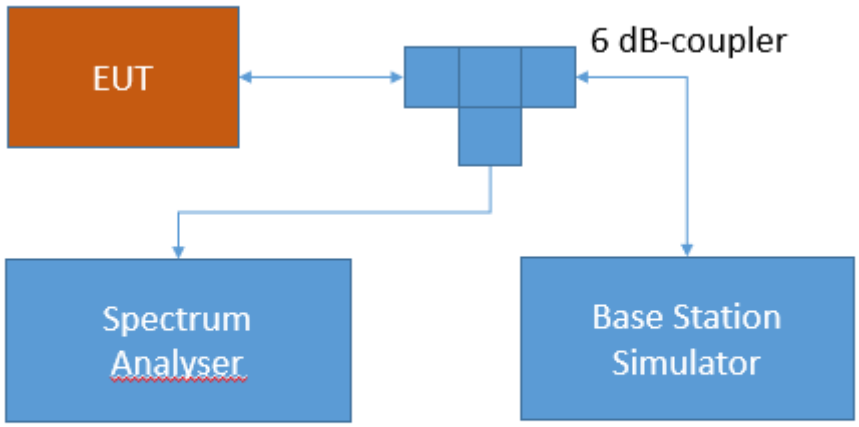
Standard **FCC PART 24 Subpart E**

The test was performed according to:
ANSI C63.26: 2015; 5.2.4.1, Wideband Signal: 5.2.4.4

5.9.1 TEST DESCRIPTION

This test case is intended to demonstrate compliance to the applicable RF Output power test case per § 2.1046 and RSS-GEN 6.12. The limit and the requirements come from the applicable rule part and ISED RSS-Standard for the operating band of the cellular device.

The EUT was connected to the test setup according to the following diagram:



Test Setup FCC Part 22/24/27/90 Cellular;
RF Output power

The attenuation of the measuring and stimulus path are known for each measured frequency and are considered.

The Spectrum Analyzer settings can be directly found in the measurement diagrams.

5.9.2 TEST REQUIREMENTS / LIMITS

FCC Part 24, § 24.232

(c) Mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

RSS-133; 6.4 Transmitter Output Power and Equivalent Isotropically Radiated Power

The equivalent isotropically radiated power (e.i.r.p.) for transmitters shall not exceed the limits given in SRSP-510.

SRSP-510; 5.1.2 Radiated Power and Antenna Height Limits – Mobile Stations

Mobile stations and hand-held portables are limited to 2 watts maximum e.i.r.p. The equipment shall employ means to limit the power to the minimum necessary for successful communication.

5.9.3 TEST PROTOCOL

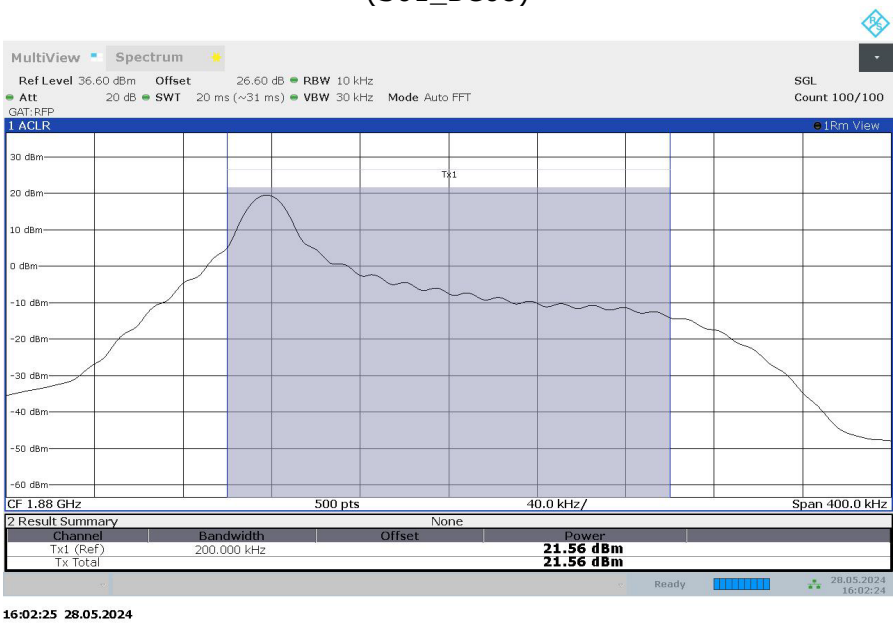
Ambient temperature: 20 - 28 °C
Relative humidity: 30 - 40 %

Radio Technology		Channel	Ressource Blocks / Subcarrier	Band-width [MHz]	Peak Cond. Power [dBm]	Average Cond. Power [dBm]	RMS Cond. Power [dBm]	FCC EIRP Limit [W]	IC EIRP Limit [W]	Maximum Antenna Gain FCC [dBi]	Maximum Antenna Gain IC [dBi]
NB-IoT	eFDD 2 QPSK	low	1	0.2	-	-	21.46	2	2	11.54	11.54
NB-IoT	eFDD 2 QPSK	low	3	0.2	-	-	21.54	2	2	11.46	11.46
NB-IoT	eFDD 2 QPSK	low	6	0.2	-	-	21.51	2	2	11.49	11.49
NB-IoT	eFDD 2 QPSK	low	12	0.2	-	-	21.44	2	2	11.56	11.56
NB-IoT	eFDD 2 QPSK	mid	1	0.2	-	-	21.47	2	2	11.53	11.53
NB-IoT	eFDD 2 QPSK	mid	3	0.2	-	-	21.51	2	2	11.49	11.49
NB-IoT	eFDD 2 QPSK	mid	6	0.2	-	-	21.56	2	2	11.44	11.44
NB-IoT	eFDD 2 QPSK	mid	12	0.2	-	-	21.49	2	2	11.51	11.51
NB-IoT	eFDD 2 QPSK	high	1	0.2	-	-	21.31	2	2	11.69	11.69
NB-IoT	eFDD 2 QPSK	high	3	0.2	-	-	21.34	2	2	11.66	11.66
NB-IoT	eFDD 2 QPSK	high	6	0.2	-	-	21.33	2	2	11.67	11.67
NB-IoT	eFDD 2 QPSK	high	12	0.2	-	-	21.33	2	2	11.67	11.67
NB-IoT	eFDD 2 BPSK	low	1	0.2	-	-	21.48	2	2	11.52	11.52
NB-IoT	eFDD 2 BPSK	mid	1	0.2	-	-	21.47	2	2	11.53	11.53
NB-IoT	eFDD 2 BPSK	high	1	0.2	-	-	21.15	2	2	11.85	11.85

Remarks:
Please see next sub-clause for the measurement plot.
The max. antenna gain is regarding the output power not SAR / MPE.

5.9.4 MEASUREMENT PLOT (EXAMPLE PLOT, SHOWING WORST CASE, IF APPLICABLE)

Technology = NB-IoT, Radio Technology = eFDD 2 QPSK, Operating Frequency = mid channel, ChBW = 0.2 MHz, Ressource Blocks = 6
(S01_BC08)



5.9.5 TEST EQUIPMENT USED

- Radio Lab

5.10 EMISSION AND OCCUPIED BANDWIDTH

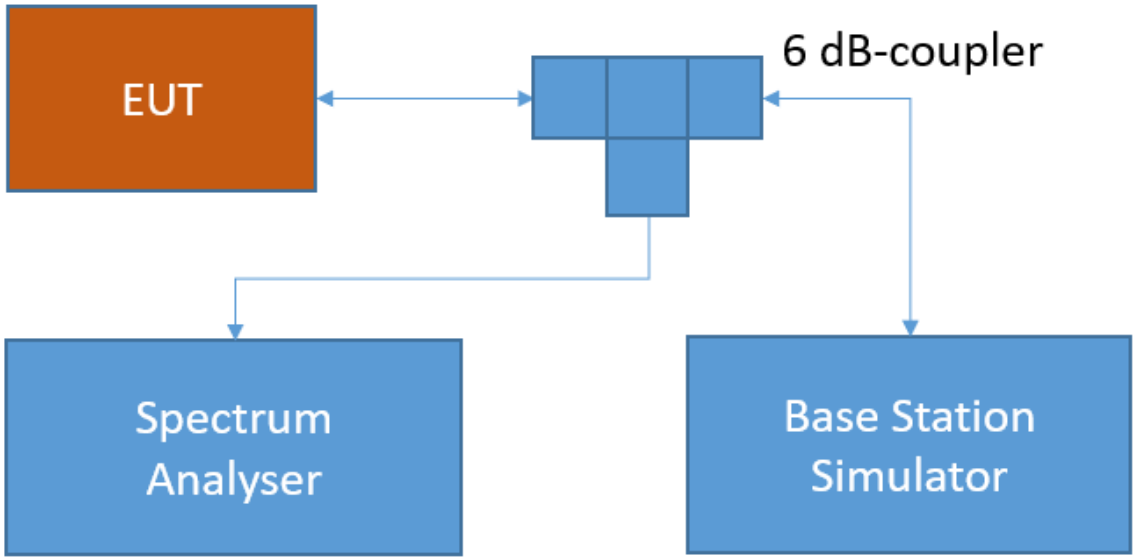
Standard **FCC PART 24 Subpart E**

The test was performed according to:
ANSI C63.26: 2015; 5.4.3 (relative meas. Procedure [26dB for GSM, EGDE, WCDMA, HSDPA, HSUPA]) 5.4.4 (Power bandwidth (99%))

5.10.1 TEST DESCRIPTION

This test case is intended to demonstrate compliance to the applicable conducted spurious emission test case per FCC §2.1049 and RSS-GEN 6.7. The limit and the requirements come from the applicable rule part and ISED RSS-Standard for the operating band of the cellular device.

The EUT was connected to the test setups according to the following diagram:



Test Setup FCC / ISED Cellular;
Emission and occupied bandwidth

The attenuation of the measuring and stimulus path are known for each measured frequency and are considered.

The Spectrum Analyzer settings can be directly found in the measurement diagrams.

5.10.2 TEST REQUIREMENTS / LIMITS

FCC Part 2.1049; Occupied Bandwidth:

The occupied bandwidth, that is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission shall be measured under the following conditions as applicable:

(h) Transmitters employing digital modulation techniques—when modulated by an input signal such that its amplitude and symbol rate represent the maximum rated conditions under which the equipment will be operated. The signal shall be applied through any filter networks, pseudo-random generators or other devices required in normal service. Additionally, the occupied bandwidth shall be shown for operation with any devices used for modifying the spectrum when such devices are optional at the discretion of the user.

(i) Transmitters designed for other types of modulation—when modulated by an appropriate signal of sufficient amplitude to be representative of the type of service in which used. A description of the input signal should be supplied.

RSS-GEN; 6.7 Occupied Bandwidth (or 99% emission bandwidth) and x dB bandwidth

The occupied bandwidth or the "99% emission bandwidth" is defined as the frequency range between two points, one above and the other below the carrier frequency, within which 99% of the total transmitted power of the fundamental transmitted emission is contained. The occupied bandwidth shall be reported for all equipment in addition to the specified bandwidth required in the applicable RSSs.

In some cases, the "x dB bandwidth" is required, which is defined as the frequency range between two points, one at the lowest frequency below and one at the highest frequency above the carrier frequency, at which the maximum power level of the transmitted emission is attenuated x dB below the maximum in-band power level of the modulated signal, where the two points are on the outskirts of the in-band emission.

The following conditions shall be observed for measuring the occupied bandwidth and x dB bandwidth:

The transmitter shall be operated at its maximum carrier power measured under normal test conditions.

The span of the spectrum analyzer shall be set large enough to capture all products of the modulation process, including the emission skirts, around the carrier frequency, but small enough to avoid having other emissions (e.g. on adjacent channels) within the span.
The detector of the spectrum analyzer shall be set to "Sample". However, a peak, or peak hold, may be used in place of the sampling detector since this usually produces a wider bandwidth than the actual bandwidth (worst-case measurement). Use of a peak hold (or "Max Hold") may be necessary to determine the occupied / x dB bandwidth if the device is not transmitting continuously.
The resolution bandwidth (RBW) shall be in the range of 1% to 5% of the actual occupied / x dB bandwidth and the video bandwidth (VBW) shall not be smaller than three times the RBW value. Video averaging is not permitted.

Note: It may be necessary to repeat the measurement a few times until the RBW and VBW are in compliance with the above requirement.

For the 99% emission bandwidth, the trace data points are recovered and directly summed in linear power level terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached, and that frequency recorded. The process is repeated for the highest frequency data points (starting at the highest frequency, at the right side of the span, and going down in frequency). This frequency is then recorded. The difference between the two recorded frequencies is the occupied bandwidth (or the 99% emission bandwidth).

5.10.3 TEST PROTOCOL

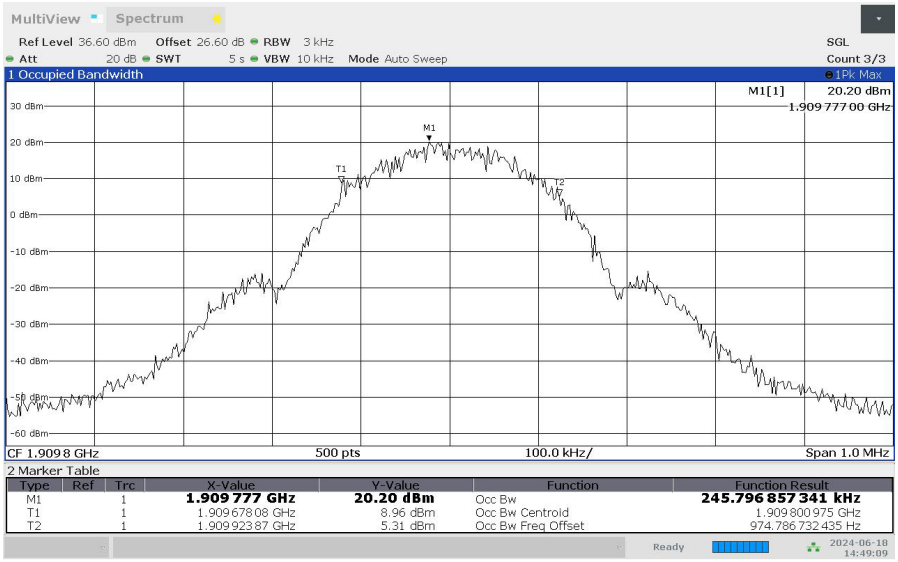
Ambient temperature: 20 - 28 °C
Relative humidity: 30 - 40 %

Radio Technology		Channel	Ressource Blocks / Subcarrier	Bandwidth [MHz]	26 dB BW [kHz]	99 % BW [kHz]
GSM	GSM 1900 GPRS	low	-	0.2	312	246
GSM	GSM 1900 GPRS	mid	-	0.2	314	248
GSM	GSM 1900 GPRS	high	-	0.2	318	246
GSM	GSM 1900 EDGE	low	-	0.2	288	234
GSM	GSM 1900 EDGE	mid	-	0.2	294	235
GSM	GSM 1900 EDGE	high	-	0.2	284	235

Remark: Please see next sub-clause for the measurement plot.

5.10.4 MEASUREMENT PLOT (EXAMPLE PLOT, SHOWING WORST CASE, IF APPLICABLE)

Technology = GSM, Radio Technology = GPRS 1900, Operating Frequency = high channel (S01_BC08)



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Technology = GSM, Radio Technology = EDGE 1900, Operating Frequency = mid channel (S01_BC08)

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5.10.5 TEST EQUIPMENT USED

- Radio Lab

5.11 EMISSION AND OCCUPIED BANDWIDTH

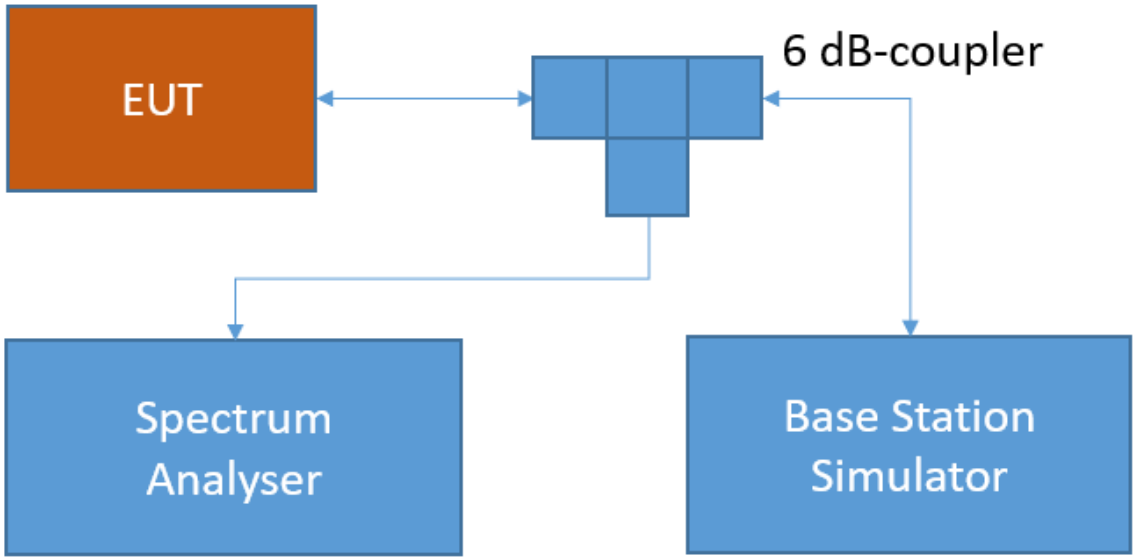
Standard **FCC PART 24 Subpart E**

The test was performed according to:
ANSI C63.26: 2015; 5.4.3 (relative meas. Procedure [26dB for GSM, EGDE, WCDMA, HSDPA, HSUPA]) 5.4.4 (Power bandwidth (99%))

5.11.1 TEST DESCRIPTION

This test case is intended to demonstrate compliance to the applicable conducted spurious emission test case per FCC §2.1049 and RSS-GEN 6.7. The limit and the requirements come from the applicable rule part and ISED RSS-Standard for the operating band of the cellular device.

The EUT was connected to the test setups according to the following diagram:



Test Setup FCC / ISED Cellular;
Emission and occupied bandwidth

The attenuation of the measuring and stimulus path are known for each measured frequency and are considered.

The Spectrum Analyzer settings can be directly found in the measurement diagrams.

5.11.2 TEST REQUIREMENTS / LIMITS

FCC Part 2.1049; Occupied Bandwidth:

The occupied bandwidth, that is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission shall be measured under the following conditions as applicable:

(h) Transmitters employing digital modulation techniques—when modulated by an input signal such that its amplitude and symbol rate represent the maximum rated conditions under which the equipment will be operated. The signal shall be applied through any filter networks, pseudo-random generators or other devices required in normal service. Additionally, the occupied bandwidth shall be shown for operation with any devices used for modifying the spectrum when such devices are optional at the discretion of the user.

(i) Transmitters designed for other types of modulation—when modulated by an appropriate signal of sufficient amplitude to be representative of the type of service in which used. A description of the input signal should be supplied.

RSS-GEN; 6.7 Occupied Bandwidth (or 99% emission bandwidth) and x dB bandwidth

The occupied bandwidth or the "99% emission bandwidth" is defined as the frequency range between two points, one above and the other below the carrier frequency, within which 99% of the total transmitted power of the fundamental transmitted emission is contained. The occupied bandwidth shall be reported for all equipment in addition to the specified bandwidth required in the applicable RSSs.

In some cases, the "x dB bandwidth" is required, which is defined as the frequency range between two points, one at the lowest frequency below and one at the highest frequency above the carrier frequency, at which the maximum power level of the transmitted emission is attenuated x dB below the maximum in-band power level of the modulated signal, where the two points are on the outskirts of the in-band emission.

The following conditions shall be observed for measuring the occupied bandwidth and x dB bandwidth:

The transmitter shall be operated at its maximum carrier power measured under normal test conditions.

The span of the spectrum analyzer shall be set large enough to capture all products of the modulation process, including the emission skirts, around the carrier frequency, but small enough to avoid having other emissions (e.g. on adjacent channels) within the span.
The detector of the spectrum analyzer shall be set to "Sample". However, a peak, or peak hold, may be used in place of the sampling detector since this usually produces a wider bandwidth than the actual bandwidth (worst-case measurement). Use of a peak hold (or "Max Hold") may be necessary to determine the occupied / x dB bandwidth if the device is not transmitting continuously.
The resolution bandwidth (RBW) shall be in the range of 1% to 5% of the actual occupied / x dB bandwidth and the video bandwidth (VBW) shall not be smaller than three times the RBW value. Video averaging is not permitted.

Note: It may be necessary to repeat the measurement a few times until the RBW and VBW are in compliance with the above requirement.

For the 99% emission bandwidth, the trace data points are recovered and directly summed in linear power level terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached, and that frequency recorded. The process is repeated for the highest frequency data points (starting at the highest frequency, at the right side of the span, and going down in frequency). This frequency is then recorded. The difference between the two recorded frequencies is the occupied bandwidth (or the 99% emission bandwidth).

5.11.3 TEST PROTOCOL

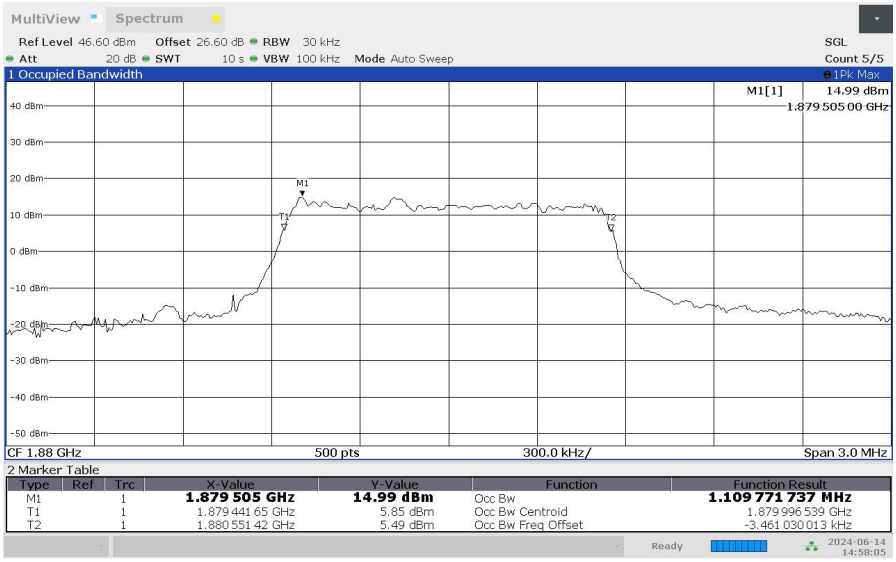
Ambient temperature: 20 - 28 °C
Relative humidity: 30 - 40 %

Radio Technology		Channel	Ressource Blocks / Subcarrier	Bandwidth [MHz]	26 dB BW [kHz]	99 % BW [kHz]
CAT-M1	eFDD 2 QPSK	low	6	1.4	-	1099
CAT-M1	eFDD 2 QPSK	mid	6	1.4	-	1110
CAT-M1	eFDD 2 QPSK	high	6	1.4	-	1104
CAT-M1	eFDD 2 16QAM	low	5	1.4	-	941
CAT-M1	eFDD 2 16QAM	mid	5	1.4	-	933
CAT-M1	eFDD 2 16QAM	high	5	1.4	-	926
CAT-M1	eFDD 25 QPSK	low	6	1.4	-	1103
CAT-M1	eFDD 25 QPSK	mid	6	1.4	-	1106
CAT-M1	eFDD 25 QPSK	high	6	1.4	-	1100
CAT-M1	eFDD 25 16QAM	low	5	1.4	-	935
CAT-M1	eFDD 25 16QAM	mid	5	1.4	-	927
CAT-M1	eFDD 25 16QAM	high	5	1.4	-	933

Remark: Please see next sub-clause for the measurement plot.

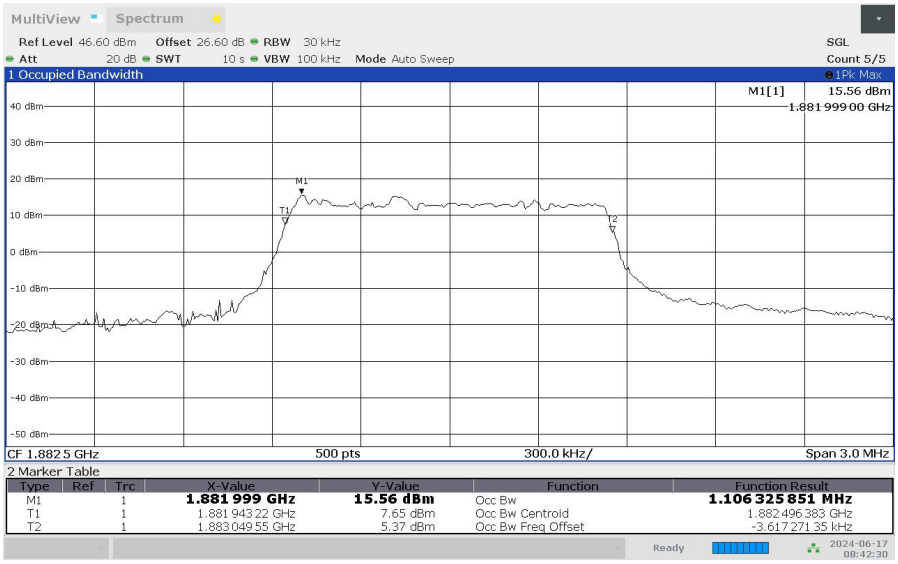
5.11.4 MEASUREMENT PLOT (EXAMPLE PLOT, SHOWING WORST CASE, IF APPLICABLE)

Technology = CAT-M1, Radio Technology = eFDD 2 QPSK, Operating Frequency = mid channel, ChBW = 1.4 MHz, Ressource Blocks = 6
(S01_BC08)



02:58:06 PM 06/14/2024

Technology = CAT-M1, Radio Technology = eFDD 25 QPSK, Operating Frequency = mid channel, ChBW = 1.4 MHz, Ressource Blocks = 6
(S01_BC08)



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5.11.5 TEST EQUIPMENT USED

- Radio Lab

5.12 EMISSION AND OCCUPIED BANDWIDTH

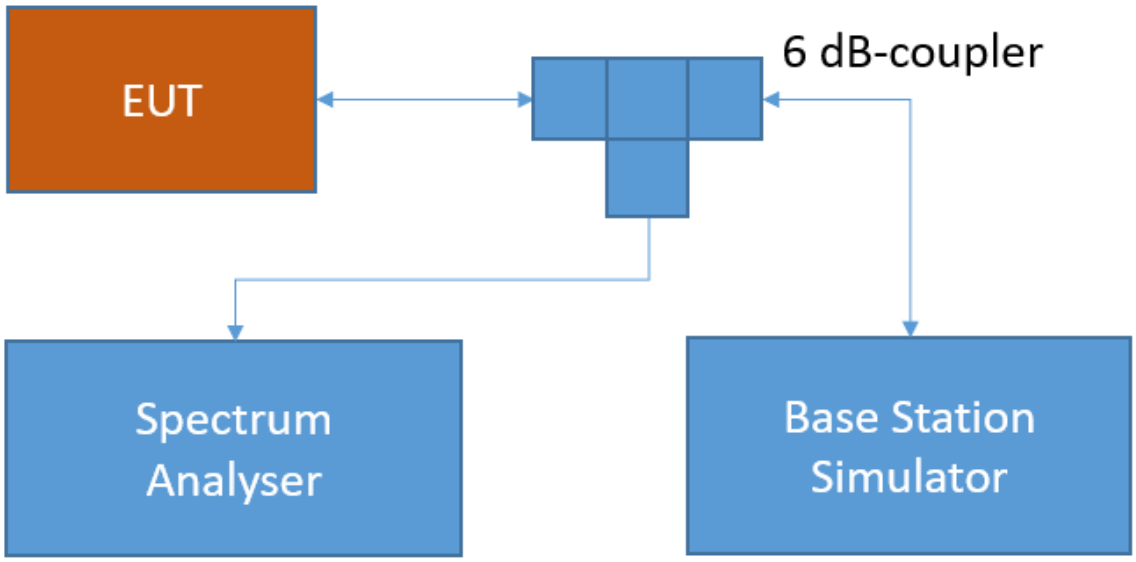
Standard **FCC PART 24 Subpart E**

The test was performed according to:
ANSI C63.26: 2015; 5.4.3 (relative meas. Procedure [26dB for GSM, EGDE, WCDMA, HSDPA, HSUPA]) 5.4.4 (Power bandwidth (99%))

5.12.1 TEST DESCRIPTION

This test case is intended to demonstrate compliance to the applicable conducted spurious emission test case per FCC §2.1049 and RSS-GEN 6.7. The limit and the requirements come from the applicable rule part and ISED RSS-Standard for the operating band of the cellular device.

The EUT was connected to the test setups according to the following diagram:



Test Setup FCC / ISED Cellular;
Emission and occupied bandwidth

The attenuation of the measuring and stimulus path are known for each measured frequency and are considered.

The Spectrum Analyzer settings can be directly found in the measurement diagrams.

5.12.2 TEST REQUIREMENTS / LIMITS

FCC Part 2.1049; Occupied Bandwidth:

The occupied bandwidth, that is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total

mean power radiated by a given emission shall be measured under the following conditions as applicable:

(h) Transmitters employing digital modulation techniques—when modulated by an input signal such that its amplitude and symbol rate represent the maximum rated conditions under which the equipment will be operated. The signal shall be applied through any filter networks, pseudo-random generators or other devices required in normal service. Additionally, the occupied bandwidth shall be shown for operation with any devices used for modifying the spectrum when such devices are optional at the discretion of the user.

(i) Transmitters designed for other types of modulation—when modulated by an appropriate signal of sufficient amplitude to be representative of the type of service in which used. A description of the input signal should be supplied.

RSS-GEN; 6.7 Occupied Bandwidth (or 99% emission bandwidth) and x dB bandwidth

The occupied bandwidth or the "99% emission bandwidth" is defined as the frequency range between two points, one above and the other below the carrier frequency, within which 99% of the total transmitted power of the fundamental transmitted emission is contained. The occupied bandwidth shall be reported for all equipment in addition to the specified bandwidth required in the applicable RSSs.

In some cases, the "x dB bandwidth" is required, which is defined as the frequency range between two points, one at the lowest frequency below and one at the highest frequency above the carrier frequency, at which the maximum power level of the transmitted emission is attenuated x dB below the maximum in-band power level of the modulated signal, where the two points are on the outskirts of the in-band emission.

The following conditions shall be observed for measuring the occupied bandwidth and x dB bandwidth:

The transmitter shall be operated at its maximum carrier power measured under normal test conditions.

The span of the spectrum analyzer shall be set large enough to capture all products of the modulation process, including the emission skirts, around the carrier frequency, but small enough to avoid having other emissions (e.g. on adjacent channels) within the span.
The detector of the spectrum analyzer shall be set to "Sample". However, a peak, or peak hold, may be used in place of the sampling detector since this usually produces a wider bandwidth than the actual bandwidth (worst-case measurement). Use of a peak hold (or "Max Hold") may be necessary to determine the occupied / x dB bandwidth if the device is not transmitting continuously.
The resolution bandwidth (RBW) shall be in the range of 1% to 5% of the actual occupied / x dB bandwidth and the video bandwidth (VBW) shall not be smaller than three times the RBW value. Video averaging is not permitted.

Note: It may be necessary to repeat the measurement a few times until the RBW and VBW are in compliance with the above requirement.

For the 99% emission bandwidth, the trace data points are recovered and directly summed in linear power level terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached, and that frequency recorded. The process is repeated for the highest frequency data points (starting at the highest

frequency, at the right side of the span, and going down in frequency). This frequency is then recorded. The difference between the two recorded frequencies is the occupied bandwidth (or the 99% emission bandwidth).

5.12.3 TEST PROTOCOL

Ambient temperature: 20 - 28 °C
Relative humidity: 30 - 40 %

Radio Technology		Channel	Ressource Blocks / Subcarrier	Bandwidth [MHz]	26 dB BW [kHz]	99 % BW [kHz]
NB-IoT	eFDD 2 QPSK	low	12	0.2	-	122
NB-IoT	eFDD 2 QPSK	mid	12	0.2	-	125
NB-IoT	eFDD 2 QPSK	high	12	0.2	-	125
NB-IoT	eFDD 2 BPSK	low	1	0.2	-	125
NB-IoT	eFDD 2 BPSK	mid	1	0.2	-	126
NB-IoT	eFDD 2 BPSK	high	1	0.2	-	128

Remark: Please see next sub-clause for the measurement plot.

5.12.4 MEASUREMENT PLOT (EXAMPLE PLOT, SHOWING WORST CASE, IF APPLICABLE)

Technology = NB-IoT, Radio Technology = eFDD 2 BPSK, Operating Frequency = high channel, ChBW = 0.2 MHz, Ressource Blocks = 1
(S01_BC08)

5.12.5 TEST EQUIPMENT USED

- Radio Lab

5.13 RF OUTPUT POWER

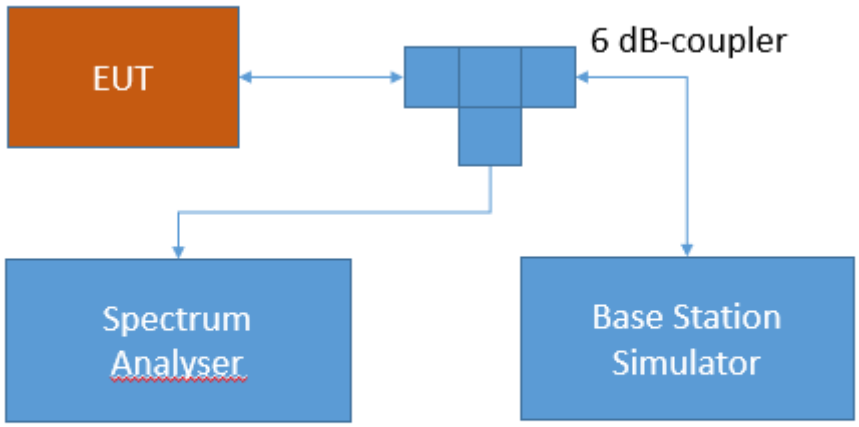
Standard **FCC PART 27 Subpart C**

The test was performed according to:
ANSI C63.26: 2015; 5.2.4.1, Wideband Signal: 5.2.4.4

5.13.1 TEST DESCRIPTION

This test case is intended to demonstrate compliance to the applicable RF Output power test case per § 2.1046 and RSS-GEN 6.12. The limit and the requirements come from the applicable rule part and ISED RSS-Standard for the operating band of the cellular device.

The EUT was connected to the test setup according to the following diagram:



Test Setup FCC Part 22/24/27/90 Cellular;
RF Output power

The attenuation of the measuring and stimulus path are known for each measured frequency and are considered.

The Spectrum Analyzer settings can be directly found in the measurement diagrams.

5.13.2 TEST REQUIREMENTS / LIMITS

FCC Part 27; Miscellaneous Wireless Communication Services

Subpart C – Technical standards

§ 27.50 - Power limits and duty cycle

Band 13:

(b) The following power limits apply to transmitters operating in the 746-758 MHz, 775-788 MHz and 805-806 MHz bands:

(10) Portable stations (hand-held devices) transmitting in the 746-757 MHz, 776-788 MHz, and 805-806 MHz bands are limited to 3 watts ERP.

RSS-130; 4.6.3 Transmitter Output Power

The e.r.p. shall not exceed 3 watts for portable equipment and indoor fixed subscriber equipment.

Band 12:

c) The following power and antenna height requirements apply to stations transmitting in the 600 MHz band and the 698-746 MHz band:

(10) Portable stations (hand-held devices) in the 600 MHz uplink band and the 698-746 MHz band, and fixed and mobile stations in the 600 MHz uplink band are limited to 3 watts ERP.

RSS-130; 4.6.3 Transmitter Output Power

The e.r.p. shall not exceed 3 watts for portable equipment and indoor fixed subscriber equipment.

Band 4/10/66:

d) The following power and antenna height requirements apply to stations transmitting in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz and 2180-2200 MHz bands:

(4) Fixed, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP. Fixed stations operating in the 1710-1755 MHz band are limited to a maximum antenna height of 10 meters above ground. Mobile and portable stations operating in these bands must employ a means for limiting power to the minimum.

RSS-139; 6.5 Transmitter Output Power

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

Table 3: Maximum power of equipment in the 1710 – 1780 MHz	
Equipment type	Maximum power
Fixed station and base station	30 dBm e.i.r.p. / channel bandwidth
Subscriber equipment	30 dBm e.i.r.p. / channel bandwidth

5.13.3 TEST PROTOCOL

Ambient temperature: 20 - 28 °C
Relative humidity: 30 - 40 %

Radio Technology		Channel	Ressource Blocks	Band-width [MHz]	Peak Cond. Power (dBm)	Average Cond. Power (dBm)	RMS Cond. Power (dBm)	FCC Limit (W)	IC Limit (W)	Maximum Antenna Gain FCC (dBi)	Maximum Antenna Gain IC (dBi)
CAT-M1	eFDD 4 QPSK	low	1	1.4	-	-	23.21	1 (EIRP)	1 (EIRP)	6.79	6.79
CAT-M1	eFDD 4 QPSK	low	3	1.4	-	-	22.10	1 (EIRP)	1 (EIRP)	7.90	7.90
CAT-M1	eFDD 4 QPSK	low	6	1.4	-	-	21.10	1 (EIRP)	1 (EIRP)	8.90	8.90
CAT-M1	eFDD 4 QPSK	mid	1	1.4	-	-	23.13	1 (EIRP)	1 (EIRP)	6.87	6.87
CAT-M1	eFDD 4 QPSK	mid	3	1.4	-	-	22.12	1 (EIRP)	1 (EIRP)	7.88	7.88
CAT-M1	eFDD 4 QPSK	mid	6	1.4	-	-	20.98	1 (EIRP)	1 (EIRP)	9.02	9.02
CAT-M1	eFDD 4 QPSK	high	1	1.4	-	-	23.17	1 (EIRP)	1 (EIRP)	6.83	6.83
CAT-M1	eFDD 4 QPSK	high	3	1.4	-	-	22.16	1 (EIRP)	1 (EIRP)	7.84	7.84
CAT-M1	eFDD 4 QPSK	high	6	1.4	-	-	21.01	1 (EIRP)	1 (EIRP)	8.99	8.99
CAT-M1	eFDD 4 16QAM	low	1	1.4	-	-	22.01	1 (EIRP)	1 (EIRP)	7.99	7.99
CAT-M1	eFDD 4 16QAM	low	5	1.4	-	-	21.12	1 (EIRP)	1 (EIRP)	8.88	8.88
CAT-M1	eFDD 4 16QAM	mid	1	1.4	-	-	22.13	1 (EIRP)	1 (EIRP)	7.87	7.87
CAT-M1	eFDD 4 16QAM	mid	5	1.4	-	-	21.08	1 (EIRP)	1 (EIRP)	8.92	8.92
CAT-M1	eFDD 4 16QAM	high	1	1.4	-	-	21.99	1 (EIRP)	1 (EIRP)	8.01	8.01
CAT-M1	eFDD 4 16QAM	high	5	1.4	-	-	21.09	1 (EIRP)	1 (EIRP)	8.91	8.91
CAT-M1	eFDD 4 QPSK	low	1	3	-	-	23.17	1 (EIRP)	1 (EIRP)	6.83	6.83
CAT-M1	eFDD 4 QPSK	low	3	3	-	-	22.02	1 (EIRP)	1 (EIRP)	7.98	7.98
CAT-M1	eFDD 4 QPSK	low	6	3	-	-	21.06	1 (EIRP)	1 (EIRP)	8.94	8.94
CAT-M1	eFDD 4 QPSK	mid	1	3	-	-	23.01	1 (EIRP)	1 (EIRP)	6.99	6.99
CAT-M1	eFDD 4 QPSK	mid	3	3	-	-	21.96	1 (EIRP)	1 (EIRP)	8.04	8.04
CAT-M1	eFDD 4 QPSK	mid	6	3	-	-	20.90	1 (EIRP)	1 (EIRP)	9.10	9.10
CAT-M1	eFDD 4 QPSK	high	1	3	-	-	23.08	1 (EIRP)	1 (EIRP)	6.92	6.92
CAT-M1	eFDD 4 QPSK	high	3	3	-	-	22.11	1 (EIRP)	1 (EIRP)	7.89	7.89
CAT-M1	eFDD 4 QPSK	high	6	3	-	-	20.94	1 (EIRP)	1 (EIRP)	9.06	9.06
CAT-M1	eFDD 4 16QAM	low	1	3	-	-	22.02	1 (EIRP)	1 (EIRP)	7.98	7.98
CAT-M1	eFDD 4 16QAM	low	5	3	-	-	21.03	1 (EIRP)	1 (EIRP)	8.97	8.97
CAT-M1	eFDD 4 16QAM	mid	1	3	-	-	22.00	1 (EIRP)	1 (EIRP)	8.00	8.00
CAT-M1	eFDD 4 16QAM	mid	5	3	-	-	20.96	1 (EIRP)	1 (EIRP)	9.04	9.04
CAT-M1	eFDD 4 16QAM	high	1	3	-	-	22.06	1 (EIRP)	1 (EIRP)	7.94	7.94
CAT-M1	eFDD 4 16QAM	high	5	3	-	-	21.00	1 (EIRP)	1 (EIRP)	9.00	9.00
CAT-M1	eFDD 4 QPSK	low	1	5	-	-	21.84	1 (EIRP)	1 (EIRP)	8.16	8.16
CAT-M1	eFDD 4 QPSK	low	3	5	-	-	21.96	1 (EIRP)	1 (EIRP)	8.04	8.04
CAT-M1	eFDD 4 QPSK	low	6	5	-	-	22.06	1 (EIRP)	1 (EIRP)	7.94	7.94
CAT-M1	eFDD 4 QPSK	mid	1	5	-	-	23.01	1 (EIRP)	1 (EIRP)	6.99	6.99
CAT-M1	eFDD 4 QPSK	mid	3	5	-	-	21.92	1 (EIRP)	1 (EIRP)	8.08	8.08
CAT-M1	eFDD 4 QPSK	mid	6	5	-	-	21.87	1 (EIRP)	1 (EIRP)	8.13	8.13
CAT-M1	eFDD 4 QPSK	high	1	5	-	-	23.08	1 (EIRP)	1 (EIRP)	6.92	6.92
CAT-M1	eFDD 4 QPSK	high	3	5	-	-	22.02	1 (EIRP)	1 (EIRP)	7.98	7.98

CAT-M1	eFDD 4 QPSK	high	6	5	-	-	21.97	1 (EIRP)	1 (EIRP)	8.03	8.03
CAT-M1	eFDD 4 16QAM	low	1	5	-	-	22.94	1 (EIRP)	1 (EIRP)	7.06	7.06
CAT-M1	eFDD 4 16QAM	low	5	5	-	-	21.00	1 (EIRP)	1 (EIRP)	9.00	9.00
CAT-M1	eFDD 4 16QAM	mid	1	5	-	-	22.96	1 (EIRP)	1 (EIRP)	7.04	7.04
CAT-M1	eFDD 4 16QAM	mid	5	5	-	-	20.93	1 (EIRP)	1 (EIRP)	9.07	9.07
CAT-M1	eFDD 4 16QAM	high	1	5	-	-	22.87	1 (EIRP)	1 (EIRP)	7.13	7.13
CAT-M1	eFDD 4 16QAM	high	5	5	-	-	19.62	1 (EIRP)	1 (EIRP)	10.38	10.38
CAT-M1	eFDD 4 QPSK	low	1	10	-	-	21.75	1 (EIRP)	1 (EIRP)	8.25	8.25
CAT-M1	eFDD 4 QPSK	low	3	10	-	-	21.63	1 (EIRP)	1 (EIRP)	8.37	8.37
CAT-M1	eFDD 4 QPSK	low	6	10	-	-	22.07	1 (EIRP)	1 (EIRP)	7.93	7.93
CAT-M1	eFDD 4 QPSK	mid	1	10	-	-	23.04	1 (EIRP)	1 (EIRP)	6.96	6.96
CAT-M1	eFDD 4 QPSK	mid	3	10	-	-	22.97	1 (EIRP)	1 (EIRP)	7.03	7.03
CAT-M1	eFDD 4 QPSK	mid	6	10	-	-	21.91	1 (EIRP)	1 (EIRP)	8.09	8.09
CAT-M1	eFDD 4 QPSK	high	1	10	-	-	22.79	1 (EIRP)	1 (EIRP)	7.21	7.21
CAT-M1	eFDD 4 QPSK	high	3	10	-	-	23.14	1 (EIRP)	1 (EIRP)	6.86	6.86
CAT-M1	eFDD 4 QPSK	high	6	10	-	-	21.97	1 (EIRP)	1 (EIRP)	8.03	8.03
CAT-M1	eFDD 4 16QAM	low	1	10	-	-	22.89	1 (EIRP)	1 (EIRP)	7.11	7.11
CAT-M1	eFDD 4 16QAM	low	5	10	-	-	22.05	1 (EIRP)	1 (EIRP)	7.95	7.95
CAT-M1	eFDD 4 16QAM	mid	1	10	-	-	21.62	1 (EIRP)	1 (EIRP)	8.38	8.38
CAT-M1	eFDD 4 16QAM	mid	5	10	-	-	21.93	1 (EIRP)	1 (EIRP)	8.07	8.07
CAT-M1	eFDD 4 16QAM	high	1	10	-	-	22.60	1 (EIRP)	1 (EIRP)	7.40	7.40
CAT-M1	eFDD 4 16QAM	high	5	10	-	-	20.55	1 (EIRP)	1 (EIRP)	9.45	9.45
CAT-M1	eFDD 12 QPSK	low	1	1.4	-	-	22.98	3 (ERP)	3 (ERP)	11.79	11.79
CAT-M1	eFDD 12 QPSK	low	3	1.4	-	-	21.80	3 (ERP)	3 (ERP)	12.97	12.97
CAT-M1	eFDD 12 QPSK	low	6	1.4	-	-	20.79	3 (ERP)	3 (ERP)	13.98	13.98
CAT-M1	eFDD 12 QPSK	mid	1	1.4	-	-	22.82	3 (ERP)	3 (ERP)	11.95	11.95
CAT-M1	eFDD 12 QPSK	mid	3	1.4	-	-	21.69	3 (ERP)	3 (ERP)	13.08	13.08
CAT-M1	eFDD 12 QPSK	mid	6	1.4	-	-	20.61	3 (ERP)	3 (ERP)	14.16	14.16
CAT-M1	eFDD 12 QPSK	high	1	1.4	-	-	22.99	3 (ERP)	3 (ERP)	11.78	11.78
CAT-M1	eFDD 12 QPSK	high	3	1.4	-	-	21.71	3 (ERP)	3 (ERP)	13.06	13.06
CAT-M1	eFDD 12 QPSK	high	6	1.4	-	-	20.75	3 (ERP)	3 (ERP)	14.02	14.02
CAT-M1	eFDD 12 16QAM	low	1	1.4	-	-	21.87	3 (ERP)	3 (ERP)	12.90	12.90
CAT-M1	eFDD 12 16QAM	low	5	1.4	-	-	20.87	3 (ERP)	3 (ERP)	13.90	13.90
CAT-M1	eFDD 12 16QAM	mid	1	1.4	-	-	22.04	3 (ERP)	3 (ERP)	12.73	12.73
CAT-M1	eFDD 12 16QAM	mid	5	1.4	-	-	20.73	3 (ERP)	3 (ERP)	14.04	14.04
CAT-M1	eFDD 12 16QAM	high	1	1.4	-	-	21.97	3 (ERP)	3 (ERP)	12.80	12.80

CAT-M1	eFDD 12 16QAM	high	5	1.4	-	-	20.87	3 (ERP)	3 (ERP)	13.90	13.90
CAT-M1	eFDD 12 QPSK	low	1	3	-	-	22.96	3 (ERP)	3 (ERP)	11.81	11.81
CAT-M1	eFDD 12 QPSK	low	3	3	-	-	21.85	3 (ERP)	3 (ERP)	12.92	12.92
CAT-M1	eFDD 12 QPSK	low	6	3	-	-	20.86	3 (ERP)	3 (ERP)	13.91	13.91
CAT-M1	eFDD 12 QPSK	mid	1	3	-	-	22.85	3 (ERP)	3 (ERP)	11.92	11.92
CAT-M1	eFDD 12 QPSK	mid	3	3	-	-	21.80	3 (ERP)	3 (ERP)	12.97	12.97
CAT-M1	eFDD 12 QPSK	mid	6	3	-	-	20.76	3 (ERP)	3 (ERP)	14.01	14.01
CAT-M1	eFDD 12 QPSK	high	1	3	-	-	22.98	3 (ERP)	3 (ERP)	11.79	11.79
CAT-M1	eFDD 12 QPSK	high	3	3	-	-	21.88	3 (ERP)	3 (ERP)	12.89	12.89
CAT-M1	eFDD 12 QPSK	high	6	3	-	-	20.76	3 (ERP)	3 (ERP)	14.01	14.01
CAT-M1	eFDD 12 16QAM	low	1	3	-	-	22.03	3 (ERP)	3 (ERP)	12.74	12.74
CAT-M1	eFDD 12 16QAM	low	5	3	-	-	20.79	3 (ERP)	3 (ERP)	13.98	13.98
CAT-M1	eFDD 12 16QAM	mid	1	3	-	-	21.90	3 (ERP)	3 (ERP)	12.87	12.87
CAT-M1	eFDD 12 16QAM	mid	5	3	-	-	20.77	3 (ERP)	3 (ERP)	14.00	14.00
CAT-M1	eFDD 12 16QAM	high	1	3	-	-	22.12	3 (ERP)	3 (ERP)	12.65	12.65
CAT-M1	eFDD 12 16QAM	high	5	3	-	-	20.81	3 (ERP)	3 (ERP)	13.96	13.96
CAT-M1	eFDD 12 QPSK	low	1	5	-	-	23.02	3 (ERP)	3 (ERP)	11.75	11.75
CAT-M1	eFDD 12 QPSK	low	3	5	-	-	21.79	3 (ERP)	3 (ERP)	12.98	12.98
CAT-M1	eFDD 12 QPSK	low	6	5	-	-	21.70	3 (ERP)	3 (ERP)	13.07	13.07
CAT-M1	eFDD 12 QPSK	mid	1	5	-	-	22.88	3 (ERP)	3 (ERP)	11.89	11.89
CAT-M1	eFDD 12 QPSK	mid	3	5	-	-	21.76	3 (ERP)	3 (ERP)	13.01	13.01
CAT-M1	eFDD 12 QPSK	mid	6	5	-	-	21.63	3 (ERP)	3 (ERP)	13.14	13.14
CAT-M1	eFDD 12 QPSK	high	1	5	-	-	22.92	3 (ERP)	3 (ERP)	11.85	11.85
CAT-M1	eFDD 12 QPSK	high	3	5	-	-	21.86	3 (ERP)	3 (ERP)	12.91	12.91
CAT-M1	eFDD 12 QPSK	high	6	5	-	-	21.68	3 (ERP)	3 (ERP)	13.09	13.09
CAT-M1	eFDD 12 16QAM	low	1	5	-	-	23.05	3 (ERP)	3 (ERP)	11.72	11.72
CAT-M1	eFDD 12 16QAM	low	5	5	-	-	20.85	3 (ERP)	3 (ERP)	13.92	13.92
CAT-M1	eFDD 12 16QAM	mid	1	5	-	-	22.82	3 (ERP)	3 (ERP)	11.95	11.95
CAT-M1	eFDD 12 16QAM	mid	5	5	-	-	20.80	3 (ERP)	3 (ERP)	13.97	13.97

CAT-M1	eFDD 12 16QAM	high	1	5	-	-	23.07	3 (ERP)	3 (ERP)	11.70	11.70
CAT-M1	eFDD 12 16QAM	high	5	5	-	-	20.87	3 (ERP)	3 (ERP)	13.90	13.90
CAT-M1	eFDD 12 QPSK	low	1	10	-	-	22.98	3 (ERP)	3 (ERP)	11.79	11.79
CAT-M1	eFDD 12 QPSK	low	3	10	-	-	23.01	3 (ERP)	3 (ERP)	11.76	11.76
CAT-M1	eFDD 12 QPSK	low	6	10	-	-	21.74	3 (ERP)	3 (ERP)	13.03	13.03
CAT-M1	eFDD 12 QPSK	mid	1	10	-	-	22.93	3 (ERP)	3 (ERP)	11.84	11.84
CAT-M1	eFDD 12 QPSK	mid	3	10	-	-	22.97	3 (ERP)	3 (ERP)	11.80	11.80
CAT-M1	eFDD 12 QPSK	mid	6	10	-	-	21.69	3 (ERP)	3 (ERP)	13.08	13.08
CAT-M1	eFDD 12 QPSK	high	1	10	-	-	22.73	3 (ERP)	3 (ERP)	12.04	12.04
CAT-M1	eFDD 12 QPSK	high	3	10	-	-	23.03	3 (ERP)	3 (ERP)	11.74	11.74
CAT-M1	eFDD 12 QPSK	high	6	10	-	-	21.71	3 (ERP)	3 (ERP)	13.06	13.06
CAT-M1	eFDD 12 16QAM	low	1	10	-	-	23.06	3 (ERP)	3 (ERP)	11.71	11.71
CAT-M1	eFDD 12 16QAM	low	5	10	-	-	22.04	3 (ERP)	3 (ERP)	12.73	12.73
CAT-M1	eFDD 12 16QAM	mid	1	10	-	-	22.75	3 (ERP)	3 (ERP)	12.02	12.02
CAT-M1	eFDD 12 16QAM	mid	5	10	-	-	21.93	3 (ERP)	3 (ERP)	12.84	12.84
CAT-M1	eFDD 12 16QAM	high	1	10	-	-	22.81	3 (ERP)	3 (ERP)	11.96	11.96
CAT-M1	eFDD 12 16QAM	high	5	10	-	-	21.95	3 (ERP)	3 (ERP)	12.82	12.82
CAT-M1	eFDD 13 QPSK	low	1	5	-	-	21.21	3 (ERP)	3 (ERP)	13.56	13.56
CAT-M1	eFDD 13 QPSK	low	3	5	-	-	20.18	3 (ERP)	3 (ERP)	14.59	14.59
CAT-M1	eFDD 13 QPSK	low	6	5	-	-	20.15	3 (ERP)	3 (ERP)	14.62	14.62
CAT-M1	eFDD 13 QPSK	mid	1	5	-	-	21.18	3 (ERP)	3 (ERP)	13.59	13.59
CAT-M1	eFDD 13 QPSK	mid	3	5	-	-	20.18	3 (ERP)	3 (ERP)	14.59	14.59
CAT-M1	eFDD 13 QPSK	mid	6	5	-	-	20.03	3 (ERP)	3 (ERP)	14.74	14.74
CAT-M1	eFDD 13 QPSK	high	1	5	-	-	21.06	3 (ERP)	3 (ERP)	13.71	13.71
CAT-M1	eFDD 13 QPSK	high	3	5	-	-	20.05	3 (ERP)	3 (ERP)	14.72	14.72
CAT-M1	eFDD 13 QPSK	high	6	5	-	-	20.06	3 (ERP)	3 (ERP)	14.71	14.71
CAT-M1	eFDD 13 16QAM	low	1	5	-	-	23.03	3 (ERP)	3 (ERP)	11.74	11.74
CAT-M1	eFDD 13 16QAM	low	5	5	-	-	20.93	3 (ERP)	3 (ERP)	13.84	13.84
CAT-M1	eFDD 13 16QAM	mid	1	5	-	-	22.82	3 (ERP)	3 (ERP)	11.95	11.95

CAT-M1	eFDD 13 16QAM	mid	5	5	-	-	20.91	3 (ERP)	3 (ERP)	13.86	13.86
CAT-M1	eFDD 13 16QAM	high	1	5	-	-	23.01	3 (ERP)	3 (ERP)	11.76	11.76
CAT-M1	eFDD 13 16QAM	high	5	5	-	-	20.91	3 (ERP)	3 (ERP)	13.86	13.86
CAT-M1	eFDD 13 QPSK	mid	1	10	-	-	21.20	3 (ERP)	3 (ERP)	13.57	13.57
CAT-M1	eFDD 13 QPSK	mid	3	10	-	-	21.09	3 (ERP)	3 (ERP)	13.68	13.68
CAT-M1	eFDD 13 QPSK	mid	6	10	-	-	20.03	3 (ERP)	3 (ERP)	14.74	14.74
CAT-M1	eFDD 13 16QAM	mid	1	10	-	-	22.96	3 (ERP)	3 (ERP)	11.81	11.81
CAT-M1	eFDD 13 16QAM	mid	5	10	-	-	21.92	3 (ERP)	3 (ERP)	12.85	12.85
CAT-M1	eFDD 66 QPSK	low	1	1.4	-	-	23.36	1 (EIRP)	1 (EIRP)	6.64	6.64
CAT-M1	eFDD 66 QPSK	low	3	1.4	-	-	22.16	1 (EIRP)	1 (EIRP)	7.84	7.84
CAT-M1	eFDD 66 QPSK	low	6	1.4	-	-	21.28	1 (EIRP)	1 (EIRP)	8.72	8.72
CAT-M1	eFDD 66 QPSK	mid	1	1.4	-	-	23.26	1 (EIRP)	1 (EIRP)	6.74	6.74
CAT-M1	eFDD 66 QPSK	mid	3	1.4	-	-	22.20	1 (EIRP)	1 (EIRP)	7.80	7.80
CAT-M1	eFDD 66 QPSK	mid	6	1.4	-	-	21.12	1 (EIRP)	1 (EIRP)	8.88	8.88
CAT-M1	eFDD 66 QPSK	high	1	1.4	-	-	23.38	1 (EIRP)	1 (EIRP)	6.62	6.62
CAT-M1	eFDD 66 QPSK	high	3	1.4	-	-	22.41	1 (EIRP)	1 (EIRP)	7.59	7.59
CAT-M1	eFDD 66 QPSK	high	6	1.4	-	-	21.25	1 (EIRP)	1 (EIRP)	8.75	8.75
CAT-M1	eFDD 66 16QAM	low	1	1.4	-	-	22.14	1 (EIRP)	1 (EIRP)	7.86	7.86
CAT-M1	eFDD 66 16QAM	low	5	1.4	-	-	21.15	1 (EIRP)	1 (EIRP)	8.85	8.85
CAT-M1	eFDD 66 16QAM	mid	1	1.4	-	-	22.23	1 (EIRP)	1 (EIRP)	7.77	7.77
CAT-M1	eFDD 66 16QAM	mid	5	1.4	-	-	21.13	1 (EIRP)	1 (EIRP)	8.87	8.87
CAT-M1	eFDD 66 16QAM	high	1	1.4	-	-	22.28	1 (EIRP)	1 (EIRP)	7.72	7.72
CAT-M1	eFDD 66 16QAM	high	5	1.4	-	-	21.35	1 (EIRP)	1 (EIRP)	8.65	8.65
CAT-M1	eFDD 66 QPSK	low	1	3	-	-	23.30	1 (EIRP)	1 (EIRP)	6.70	6.70
CAT-M1	eFDD 66 QPSK	low	3	3	-	-	22.11	1 (EIRP)	1 (EIRP)	7.89	7.89
CAT-M1	eFDD 66 QPSK	low	6	3	-	-	21.26	1 (EIRP)	1 (EIRP)	8.74	8.74
CAT-M1	eFDD 66 QPSK	mid	1	3	-	-	23.11	1 (EIRP)	1 (EIRP)	6.89	6.89
CAT-M1	eFDD 66 QPSK	mid	3	3	-	-	22.03	1 (EIRP)	1 (EIRP)	7.97	7.97
CAT-M1	eFDD 66 QPSK	mid	6	3	-	-	21.05	1 (EIRP)	1 (EIRP)	8.95	8.95

CAT-M1	eFDD 66 QPSK	high	1	3	-	-	23.27	1 (EIRP)	1 (EIRP)	6.73	6.73
CAT-M1	eFDD 66 QPSK	high	3	3	-	-	22.38	1 (EIRP)	1 (EIRP)	7.62	7.62
CAT-M1	eFDD 66 QPSK	high	6	3	-	-	21.21	1 (EIRP)	1 (EIRP)	8.79	8.79
CAT-M1	eFDD 66 16QAM	low	1	3	-	-	22.15	1 (EIRP)	1 (EIRP)	7.85	7.85
CAT-M1	eFDD 66 16QAM	low	5	3	-	-	21.08	1 (EIRP)	1 (EIRP)	8.92	8.92
CAT-M1	eFDD 66 16QAM	mid	1	3	-	-	22.11	1 (EIRP)	1 (EIRP)	7.89	7.89
CAT-M1	eFDD 66 16QAM	mid	5	3	-	-	21.03	1 (EIRP)	1 (EIRP)	8.97	8.97
CAT-M1	eFDD 66 16QAM	high	1	3	-	-	22.34	1 (EIRP)	1 (EIRP)	7.66	7.66
CAT-M1	eFDD 66 16QAM	high	5	3	-	-	21.27	1 (EIRP)	1 (EIRP)	8.73	8.73
CAT-M1	eFDD 66 QPSK	low	1	5	-	-	23.28	1 (EIRP)	1 (EIRP)	6.72	6.72
CAT-M1	eFDD 66 QPSK	low	3	5	-	-	22.12	1 (EIRP)	1 (EIRP)	7.88	7.88
CAT-M1	eFDD 66 QPSK	low	6	5	-	-	22.22	1 (EIRP)	1 (EIRP)	7.78	7.78
CAT-M1	eFDD 66 QPSK	mid	1	5	-	-	23.11	1 (EIRP)	1 (EIRP)	6.89	6.89
CAT-M1	eFDD 66 QPSK	mid	3	5	-	-	22.06	1 (EIRP)	1 (EIRP)	7.94	7.94
CAT-M1	eFDD 66 QPSK	mid	6	5	-	-	22.03	1 (EIRP)	1 (EIRP)	7.97	7.97
CAT-M1	eFDD 66 QPSK	high	1	5	-	-	23.40	1 (EIRP)	1 (EIRP)	6.60	6.60
CAT-M1	eFDD 66 QPSK	high	3	5	-	-	22.38	1 (EIRP)	1 (EIRP)	7.62	7.62
CAT-M1	eFDD 66 QPSK	high	6	5	-	-	22.34	1 (EIRP)	1 (EIRP)	7.66	7.66
CAT-M1	eFDD 66 16QAM	low	1	5	-	-	23.15	1 (EIRP)	1 (EIRP)	6.85	6.85
CAT-M1	eFDD 66 16QAM	low	5	5	-	-	21.16	1 (EIRP)	1 (EIRP)	8.84	8.84
CAT-M1	eFDD 66 16QAM	mid	1	5	-	-	23.18	1 (EIRP)	1 (EIRP)	6.82	6.82
CAT-M1	eFDD 66 16QAM	mid	5	5	-	-	21.08	1 (EIRP)	1 (EIRP)	8.92	8.92
CAT-M1	eFDD 66 16QAM	high	1	5	-	-	23.29	1 (EIRP)	1 (EIRP)	6.71	6.71
CAT-M1	eFDD 66 16QAM	high	5	5	-	-	21.36	1 (EIRP)	1 (EIRP)	8.64	8.64
CAT-M1	eFDD 66 QPSK	low	1	10	-	-	23.39	1 (EIRP)	1 (EIRP)	6.61	6.61
CAT-M1	eFDD 66 QPSK	low	3	10	-	-	23.15	1 (EIRP)	1 (EIRP)	6.85	6.85
CAT-M1	eFDD 66 QPSK	low	6	10	-	-	22.14	1 (EIRP)	1 (EIRP)	7.86	7.86
CAT-M1	eFDD 66 QPSK	mid	1	10	-	-	23.18	1 (EIRP)	1 (EIRP)	6.82	6.82
CAT-M1	eFDD 66 QPSK	mid	3	10	-	-	23.14	1 (EIRP)	1 (EIRP)	6.86	6.86

CAT-M1	eFDD 66 QPSK	mid	6	10	-	-	21.92	1 (EIRP)	1 (EIRP)	8.08	8.08
CAT-M1	eFDD 66 QPSK	high	1	10	-	-	23.07	1 (EIRP)	1 (EIRP)	6.93	6.93
CAT-M1	eFDD 66 QPSK	high	3	10	-	-	23.42	1 (EIRP)	1 (EIRP)	6.58	6.58
CAT-M1	eFDD 66 QPSK	high	6	10	-	-	22.35	1 (EIRP)	1 (EIRP)	7.65	7.65
CAT-M1	eFDD 66 16QAM	low	1	10	-	-	23.16	1 (EIRP)	1 (EIRP)	6.84	6.84
CAT-M1	eFDD 66 16QAM	low	5	10	-	-	22.27	1 (EIRP)	1 (EIRP)	7.73	7.73
CAT-M1	eFDD 66 16QAM	mid	1	10	-	-	23.20	1 (EIRP)	1 (EIRP)	6.80	6.80
CAT-M1	eFDD 66 16QAM	mid	5	10	-	-	22.10	1 (EIRP)	1 (EIRP)	7.90	7.90
CAT-M1	eFDD 66 16QAM	high	1	10	-	-	22.98	1 (EIRP)	1 (EIRP)	7.02	7.02
CAT-M1	eFDD 66 16QAM	high	5	10	-	-	22.22	1 (EIRP)	1 (EIRP)	7.78	7.78

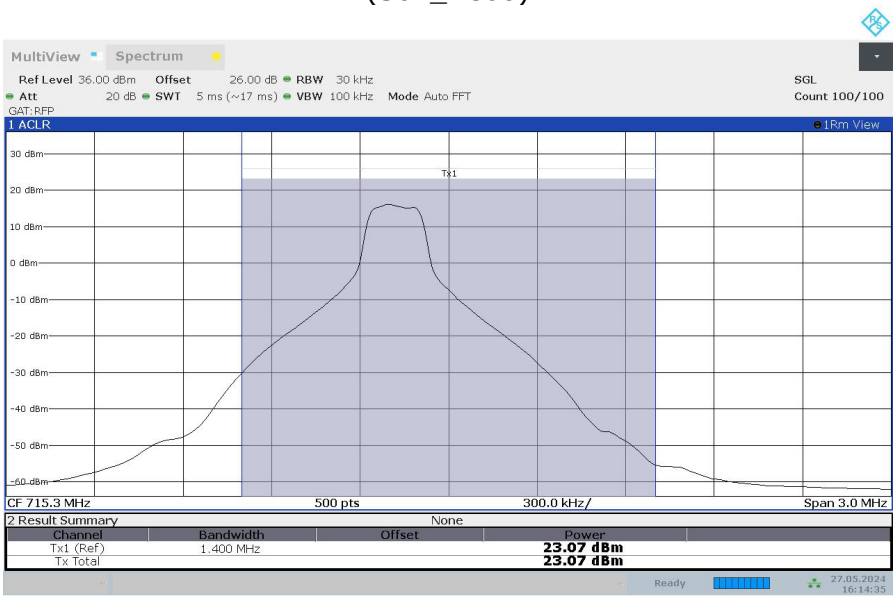
Remarks:
Please see next sub-clause for the measurement plot.
The max. antenna gain is regarding the output power not SAR / MPE.

5.13.4 MEASUREMENT PLOT (EXAMPLE PLOT, SHOWING WORST CASE, IF APPLICABLE)

Technology = CAT-M1, Radio Technology = eFDD 4 QPSK, Operating Frequency = low channel, ChBW = 1.4 MHz, Ressource Blocks = 1
(S01_BC08)

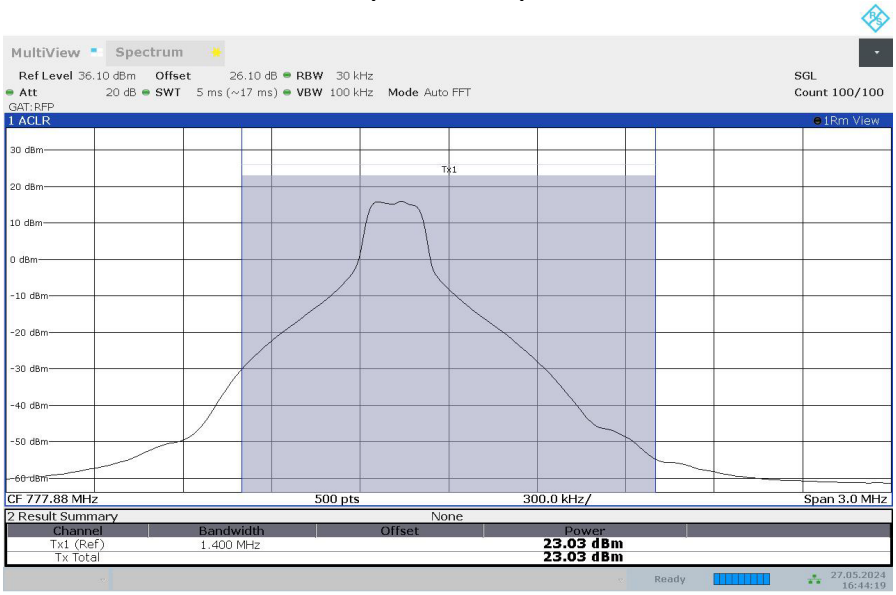
14:29:12 27.05.2024

Technology = CAT-M1, Radio Technology = eFDD 12 16QAM, Operating Frequency = high channel, ChBW = 5 MHz, Ressource Blocks = 1
(S01_BC08)



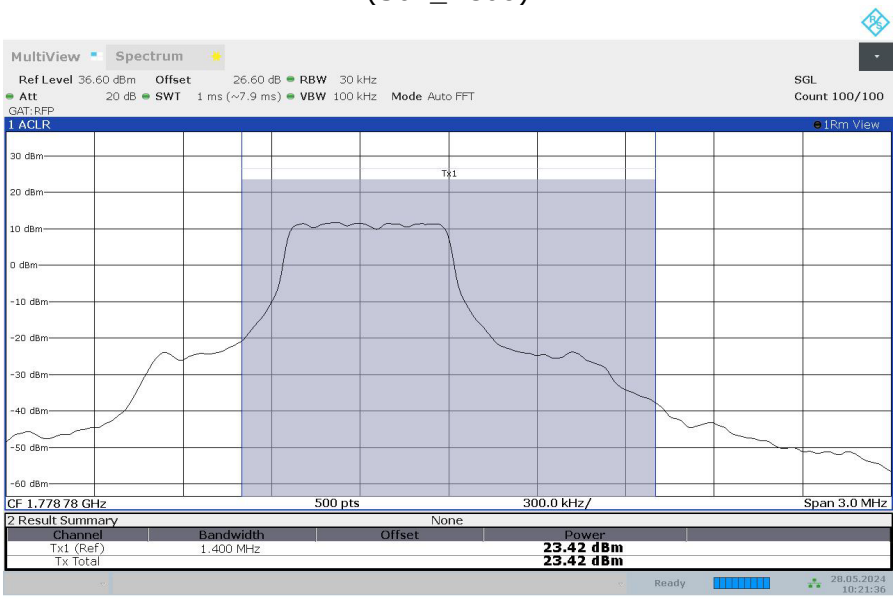
16:14:35 27.05.2024

Technology = CAT-M1, Radio Technology = eFDD 13 16QAM, Operating Frequency = low channel, ChBW = 5 MHz, Ressource Blocks = 1
(S01_BC08)



16:44:19 27.05.2024

Technology = CAT-M1, Radio Technology = eFDD 66 QPSK, Operating Frequency = high channel, ChBW = 10 MHz, Ressource Blocks = 3
(S01_BC08)



10:21:36 28.05.2024

5.13.5 TEST EQUIPMENT USED

- Radio Lab

5.14 RF OUTPUT POWER

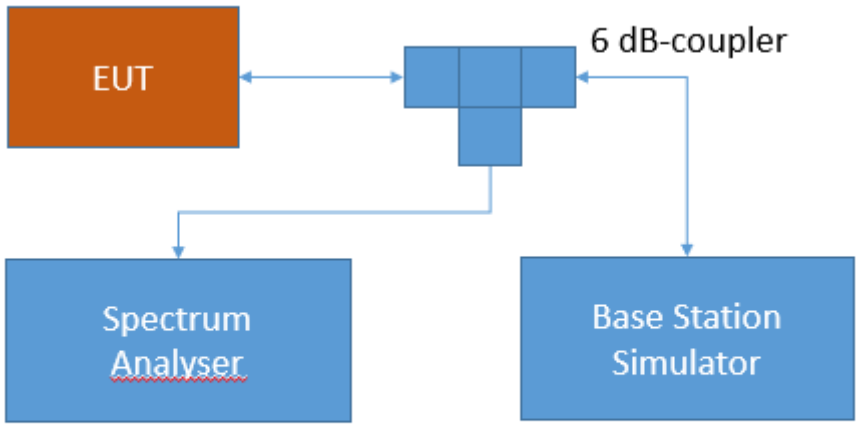
Standard **FCC PART 27 Subpart C**

The test was performed according to:
ANSI C63.26: 2015; 5.2.4.1, Wideband Signal: 5.2.4.4

5.14.1 TEST DESCRIPTION

This test case is intended to demonstrate compliance to the applicable RF Output power test case per § 2.1046 and RSS-GEN 6.12. The limit and the requirements come from the applicable rule part and ISED RSS-Standard for the operating band of the cellular device.

The EUT was connected to the test setup according to the following diagram:



Test Setup FCC Part 22/24/27/90 Cellular;
RF Output power

The attenuation of the measuring and stimulus path are known for each measured frequency and are considered.

The Spectrum Analyzer settings can be directly found in the measurement diagrams.

5.14.2 TEST REQUIREMENTS / LIMITS

FCC Part 27; Miscellaneous Wireless Communication Services

Subpart C – Technical standards

§ 27.50 - Power limits and duty cycle

Band 13:

(b) The following power limits apply to transmitters operating in the 746-758 MHz, 775-788 MHz and 805-806 MHz bands:

(10) Portable stations (hand-held devices) transmitting in the 746-757 MHz, 776-788 MHz, and 805-806 MHz bands are limited to 3 watts ERP.

RSS-130; 4.6.3 Transmitter Output Power

The e.r.p. shall not exceed 3 watts for portable equipment and indoor fixed subscriber equipment.

Band 12:

c) The following power and antenna height requirements apply to stations transmitting in the 600 MHz band and the 698-746 MHz band:

(10) Portable stations (hand-held devices) in the 600 MHz uplink band and the 698-746 MHz band, and fixed and mobile stations in the 600 MHz uplink band are limited to 3 watts ERP.

RSS-130; 4.6.3 Transmitter Output Power

The e.r.p. shall not exceed 3 watts for portable equipment and indoor fixed subscriber equipment.

Band 4/10/66:

d) The following power and antenna height requirements apply to stations transmitting in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz and 2180-2200 MHz bands:

(4) Fixed, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP. Fixed stations operating in the 1710-1755 MHz band are limited to a maximum antenna height of 10 meters above ground. Mobile and portable stations operating in these bands must employ a means for limiting power to the minimum.

RSS-139; 5.5 Transmitter Output Power

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

Table 3: Maximum power of equipment in the 1710 – 1780 MHz	
Equipment type	Maximum power
Fixed station and base station	30 dBm e.i.r.p. / channel bandwidth
Subscriber equipment	30 dBm e.i.r.p. / channel bandwidth

5.14.3 TEST PROTOCOL

Ambient temperature: 20 - 28 °C
Relative humidity: 30 - 40 %

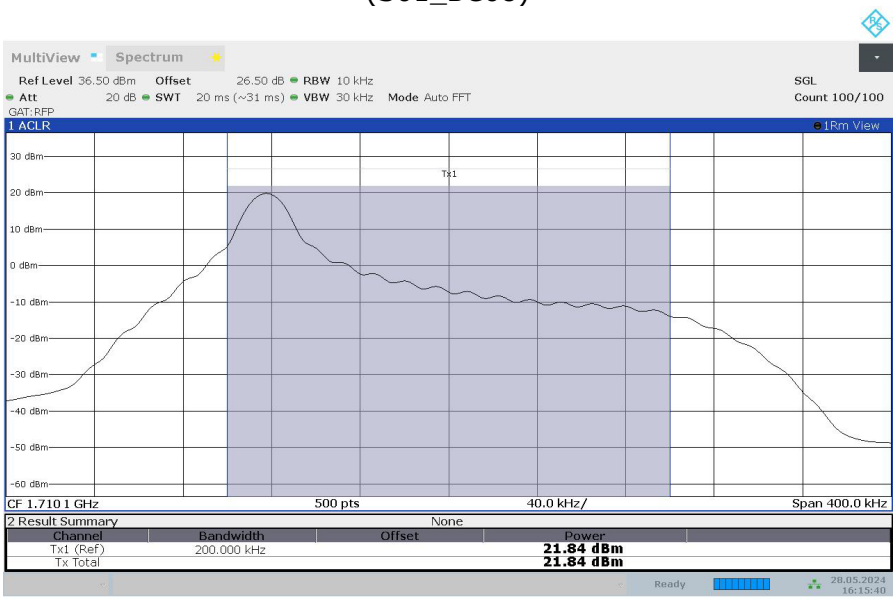
Radio Technology		Channel	Ressource Blocks	Band-width [MHz]	Peak Cond. Power (dBm)	Average Cond. Power (dBm)	RMS Cond. Power (dBm)	FCC Limit (W)	IC Limit (W)	Maximum Antenna Gain FCC (dBi)	Maximum Antenna Gain IC (dBi)
NB-IoT	eFDD 4 QPSK	low	1	0.2	-	-	21.70	1 (EIRP)	1 (EIRP)	8.30	8.30
NB-IoT	eFDD 4 QPSK	low	3	0.2	-	-	21.74	1 (EIRP)	1 (EIRP)	8.26	8.26
NB-IoT	eFDD 4 QPSK	low	6	0.2	-	-	21.84	1 (EIRP)	1 (EIRP)	8.16	8.16
NB-IoT	eFDD 4 QPSK	low	12	0.2	-	-	21.80	1 (EIRP)	1 (EIRP)	8.20	8.20
NB-IoT	eFDD 4 QPSK	mid	1	0.2	-	-	21.64	1 (EIRP)	1 (EIRP)	8.36	8.36
NB-IoT	eFDD 4 QPSK	mid	3	0.2	-	-	21.67	1 (EIRP)	1 (EIRP)	8.33	8.33
NB-IoT	eFDD 4 QPSK	mid	6	0.2	-	-	21.74	1 (EIRP)	1 (EIRP)	8.26	8.26
NB-IoT	eFDD 4 QPSK	mid	12	0.2	-	-	21.74	1 (EIRP)	1 (EIRP)	8.26	8.26
NB-IoT	eFDD 4 QPSK	high	1	0.2	-	-	21.71	1 (EIRP)	1 (EIRP)	8.29	8.29
NB-IoT	eFDD 4 QPSK	high	3	0.2	-	-	21.77	1 (EIRP)	1 (EIRP)	8.23	8.23
NB-IoT	eFDD 4 QPSK	high	6	0.2	-	-	21.80	1 (EIRP)	1 (EIRP)	8.20	8.20
NB-IoT	eFDD 4 QPSK	high	12	0.2	-	-	21.80	1 (EIRP)	1 (EIRP)	8.20	8.20
NB-IoT	eFDD 4 BPSK	low	1	0.2	-	-	21.74	1 (EIRP)	1 (EIRP)	8.26	8.26
NB-IoT	eFDD 4 BPSK	mid	1	0.2	-	-	21.58	1 (EIRP)	1 (EIRP)	8.42	8.42
NB-IoT	eFDD 4 BPSK	high	1	0.2	-	-	21.64	1 (EIRP)	1 (EIRP)	8.36	8.36
NB-IoT	eFDD 12 QPSK	low	1	0.2	-	-	21.98	3 (ERP)	3 (ERP)	12.79	12.79
NB-IoT	eFDD 12 QPSK	low	3	0.2	-	-	22.13	3 (ERP)	3 (ERP)	12.64	12.64
NB-IoT	eFDD 12 QPSK	low	6	0.2	-	-	22.11	3 (ERP)	3 (ERP)	12.66	12.66
NB-IoT	eFDD 12 QPSK	low	12	0.2	-	-	22.14	3 (ERP)	3 (ERP)	12.63	12.63
NB-IoT	eFDD 12 QPSK	mid	1	0.2	-	-	22.01	3 (ERP)	3 (ERP)	12.76	12.76
NB-IoT	eFDD 12 QPSK	mid	3	0.2	-	-	22.10	3 (ERP)	3 (ERP)	12.67	12.67
NB-IoT	eFDD 12 QPSK	mid	6	0.2	-	-	22.10	3 (ERP)	3 (ERP)	12.67	12.67
NB-IoT	eFDD 12 QPSK	mid	12	0.2	-	-	22.10	3 (ERP)	3 (ERP)	12.67	12.67
NB-IoT	eFDD 12 QPSK	high	1	0.2	-	-	22.11	3 (ERP)	3 (ERP)	12.66	12.66
NB-IoT	eFDD 12 QPSK	high	3	0.2	-	-	22.17	3 (ERP)	3 (ERP)	12.60	12.60
NB-IoT	eFDD 12 QPSK	high	6	0.2	-	-	22.23	3 (ERP)	3 (ERP)	12.54	12.54
NB-IoT	eFDD 12 QPSK	high	12	0.2	-	-	22.21	3 (ERP)	3 (ERP)	12.56	12.56
NB-IoT	eFDD 12 BPSK	low	1	0.2	-	-	22.05	3 (ERP)	3 (ERP)	12.72	12.72
NB-IoT	eFDD 12 BPSK	mid	1	0.2	-	-	12.20	3 (ERP)	3 (ERP)	22.57	22.57
NB-IoT	eFDD 12 BPSK	high	1	0.2	-	-	22.05	3 (ERP)	3 (ERP)	12.72	12.72
NB-IoT	eFDD 13 QPSK	low	1	0.2	-	-	22.05	3 (ERP)	3 (ERP)	12.72	12.72
NB-IoT	eFDD 13 QPSK	low	3	0.2	-	-	22.09	3 (ERP)	3 (ERP)	12.68	12.68
NB-IoT	eFDD 13 QPSK	low	6	0.2	-	-	22.11	3 (ERP)	3 (ERP)	12.66	12.66
NB-IoT	eFDD 13 QPSK	low	12	0.2	-	-	22.14	3 (ERP)	3 (ERP)	12.63	12.63
NB-IoT	eFDD 13 QPSK	mid	1	0.2	-	-	22.00	3 (ERP)	3 (ERP)	12.77	12.77
NB-IoT	eFDD 13 QPSK	mid	3	0.2	-	-	22.10	3 (ERP)	3 (ERP)	12.67	12.67

NB-IoT	eFDD 13 QPSK	mid	6	0.2	-	-	22.07	3 (ERP)	3 (ERP)	12.70	12.70
NB-IoT	eFDD 13 QPSK	mid	12	0.2	-	-	22.10	3 (ERP)	3 (ERP)	12.67	12.67
NB-IoT	eFDD 13 QPSK	high	1	0.2	-	-	22.00	3 (ERP)	3 (ERP)	12.77	12.77
NB-IoT	eFDD 13 QPSK	high	3	0.2	-	-	22.08	3 (ERP)	3 (ERP)	12.69	12.69
NB-IoT	eFDD 13 QPSK	high	6	0.2	-	-	22.10	3 (ERP)	3 (ERP)	12.67	12.67
NB-IoT	eFDD 13 QPSK	high	12	0.2	-	-	22.11	3 (ERP)	3 (ERP)	12.66	12.66
NB-IoT	eFDD 13 BPSK	low	1	0.2	-	-	21.95	3 (ERP)	3 (ERP)	12.82	12.82
NB-IoT	eFDD 13 BPSK	mid	1	0.2	-	-	21.90	3 (ERP)	3 (ERP)	12.87	12.87
NB-IoT	eFDD 13 BPSK	high	1	0.2	-	-	21.92	3 (ERP)	3 (ERP)	12.85	12.85
NB-IoT	eFDD 66 QPSK	low	1	0.2	-	-	21.81	1 (EIRP)	1 (EIRP)	8.19	8.19
NB-IoT	eFDD 66 QPSK	low	3	0.2	-	-	21.90	1 (EIRP)	1 (EIRP)	8.10	8.10
NB-IoT	eFDD 66 QPSK	low	6	0.2	-	-	21.97	1 (EIRP)	1 (EIRP)	8.03	8.03
NB-IoT	eFDD 66 QPSK	low	12	0.2	-	-	22.01	1 (EIRP)	1 (EIRP)	7.99	7.99
NB-IoT	eFDD 66 QPSK	mid	1	0.2	-	-	21.78	1 (EIRP)	1 (EIRP)	8.22	8.22
NB-IoT	eFDD 66 QPSK	mid	3	0.2	-	-	21.81	1 (EIRP)	1 (EIRP)	8.19	8.19
NB-IoT	eFDD 66 QPSK	mid	6	0.2	-	-	21.85	1 (EIRP)	1 (EIRP)	8.15	8.15
NB-IoT	eFDD 66 QPSK	mid	12	0.2	-	-	21.89	1 (EIRP)	1 (EIRP)	8.11	8.11
NB-IoT	eFDD 66 QPSK	high	1	0.2	-	-	21.88	1 (EIRP)	1 (EIRP)	8.12	8.12
NB-IoT	eFDD 66 QPSK	high	3	0.2	-	-	21.91	1 (EIRP)	1 (EIRP)	8.09	8.09
NB-IoT	eFDD 66 QPSK	high	6	0.2	-	-	21.97	1 (EIRP)	1 (EIRP)	8.03	8.03
NB-IoT	eFDD 66 QPSK	high	12	0.2	-	-	22.06	1 (EIRP)	1 (EIRP)	7.94	7.94
NB-IoT	eFDD 66 BPSK	low	1	0.2	-	-	21.80	1 (EIRP)	1 (EIRP)	8.20	8.20
NB-IoT	eFDD 66 BPSK	mid	1	0.2	-	-	21.73	1 (EIRP)	1 (EIRP)	8.27	8.27
NB-IoT	eFDD 66 BPSK	high	1	0.2	-	-	21.86	1 (EIRP)	1 (EIRP)	8.14	8.14
NB-IoT	eFDD 85 QPSK	low	1	0.2	-	-	21.85	3 (ERP)	3 (ERP)	12.92	12.92
NB-IoT	eFDD 85 QPSK	low	3	0.2	-	-	21.96	3 (ERP)	3 (ERP)	12.81	12.81
NB-IoT	eFDD 85 QPSK	low	6	0.2	-	-	22.90	3 (ERP)	3 (ERP)	11.87	11.87
NB-IoT	eFDD 85 QPSK	low	12	0.2	-	-	22.75	3 (ERP)	3 (ERP)	12.02	12.02
NB-IoT	eFDD 85 QPSK	mid	1	0.2	-	-	21.95	3 (ERP)	3 (ERP)	12.82	12.82
NB-IoT	eFDD 85 QPSK	mid	3	0.2	-	-	22.00	3 (ERP)	3 (ERP)	12.77	12.77
NB-IoT	eFDD 85 QPSK	mid	6	0.2	-	-	21.97	3 (ERP)	3 (ERP)	12.80	12.80
NB-IoT	eFDD 85 QPSK	mid	12	0.2	-	-	21.94	3 (ERP)	3 (ERP)	12.83	12.83
NB-IoT	eFDD 85 QPSK	high	1	0.2	-	-	23.45	3 (ERP)	3 (ERP)	11.32	11.32
NB-IoT	eFDD 85 QPSK	high	3	0.2	-	-	22.08	3 (ERP)	3 (ERP)	12.69	12.69
NB-IoT	eFDD 85 QPSK	high	6	0.2	-	-	22.98	3 (ERP)	3 (ERP)	11.79	11.79
NB-IoT	eFDD 85 QPSK	high	12	0.2	-	-	22.95	3 (ERP)	3 (ERP)	11.82	11.82
NB-IoT	eFDD 85 BPSK	low	1	0.2	-	-	23.27	3 (ERP)	3 (ERP)	11.50	11.50
NB-IoT	eFDD 85 BPSK	mid	1	0.2	-	-	21.96	3 (ERP)	3 (ERP)	12.81	12.81
NB-IoT	eFDD 85 BPSK	high	1	0.2	-	-	23.43	3 (ERP)	3 (ERP)	11.34	11.34

Remarks:
Please see next sub-clause for the measurement plot.
The max. antenna gain is regarding the output power not SAR / MPE.

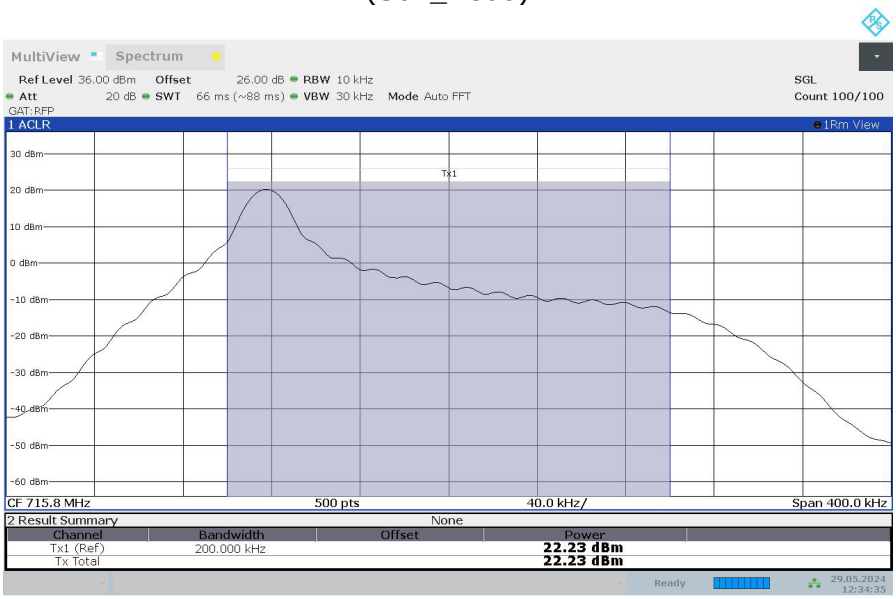
5.14.4 MEASUREMENT PLOT (EXAMPLE PLOT, SHOWING WORST CASE, IF APPLICABLE)

Technology = NB-IoT, Radio Technology = eFDD 4 QPSK, Operating Frequency = low channel, ChBW = 0.2 MHz, Ressource Blocks = 6
(S01_BC08)



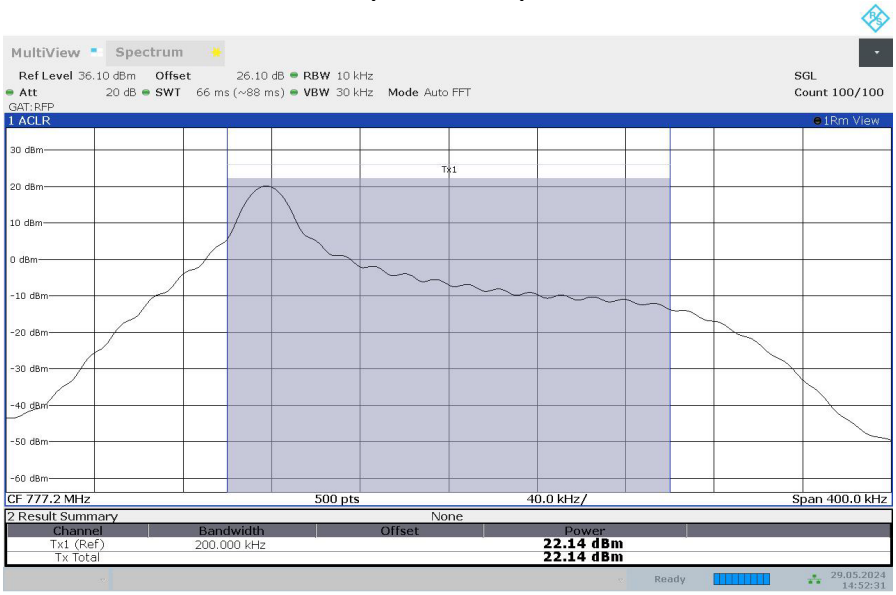
16:15:41 28.05.2024

Technology = NB-IoT, Radio Technology = eFDD 12 QPSK, Operating Frequency = high channel, ChBW = 0.2 MHz, Ressource Blocks = 6
(S01_BC08)



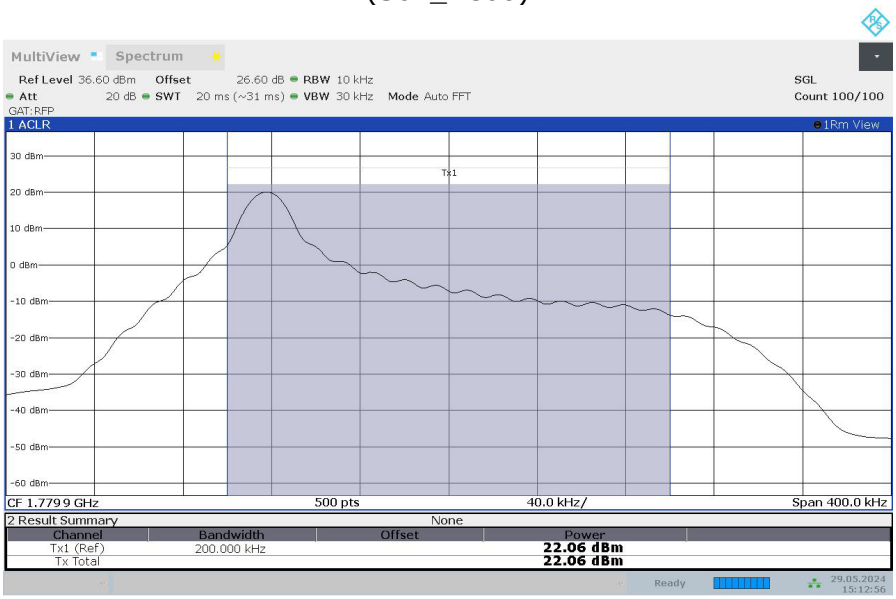
12:34:36 29.05.2024

Technology = NB-IoT, Radio Technology = eFDD 13 QPSK, Operating Frequency = low channel, ChBW = 0.2 MHz, Ressource Blocks = 12
(S01_BC08)



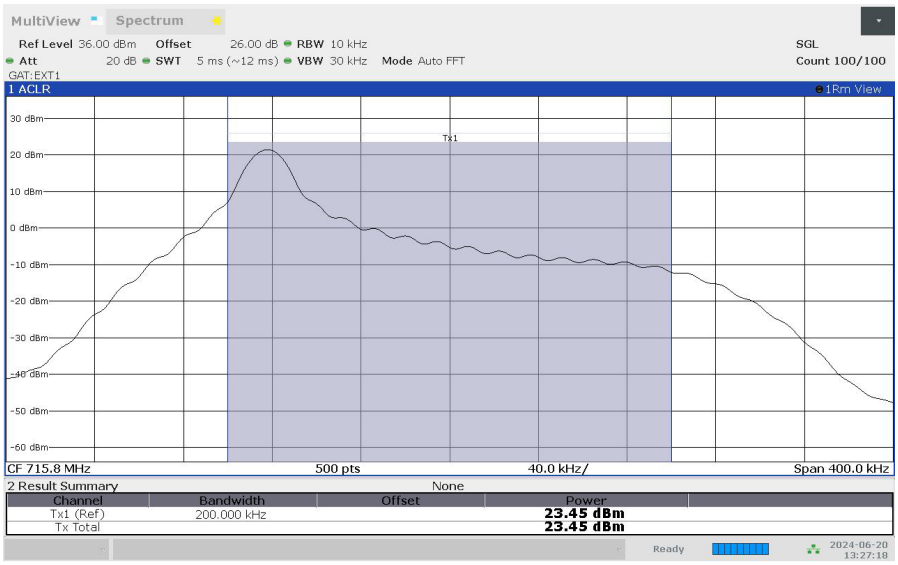
14:52:31 29.05.2024

Technology = NB-IoT, Radio Technology = eFDD 66 QPSK, Operating Frequency = high channel, ChBW = 0.2 MHz, Ressource Blocks = 12
(S01_BC08)



15:12:56 29.05.2024

Technology = NB-IoT, Radio Technology = eFDD 85 BPSK, Operating Frequency = high channel, ChBW = 0.2 MHz, Ressource Blocks = 1
(S01_BC08)



5.14.5 TEST EQUIPMENT USED

- Radio Lab

5.15 EMISSION AND OCCUPIED BANDWIDTH

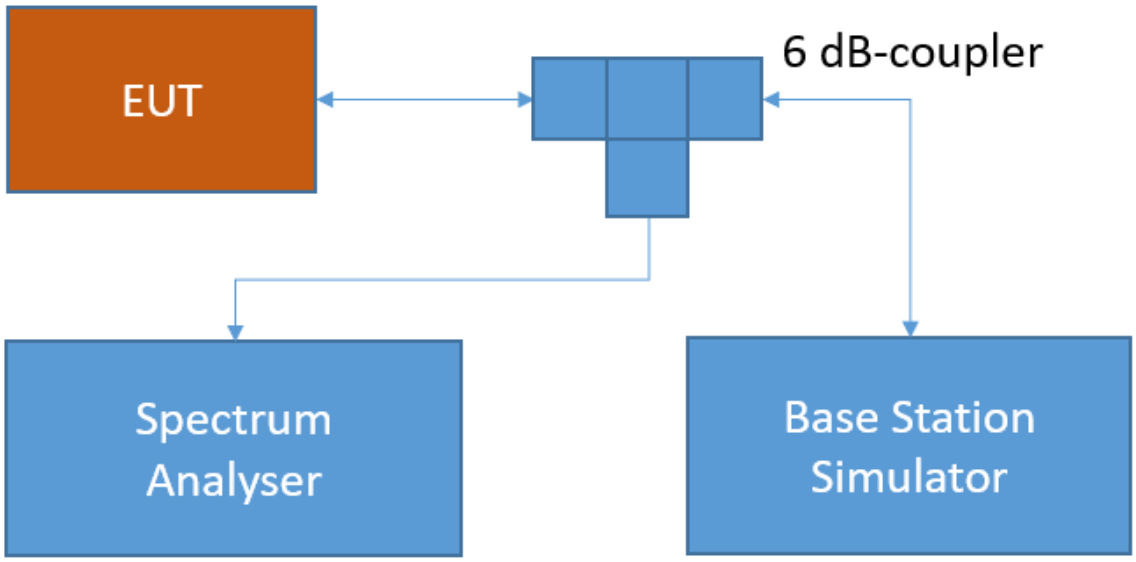
Standard **FCC PART 27 Subpart C**

The test was performed according to:
ANSI C63.26: 2015; 5.4.3 (relative meas. Procedure [26dB for GSM, EGDE, WCDMA, HSDPA, HSUPA]) 5.4.4 (Power bandwidth (99%))

5.15.1 TEST DESCRIPTION

This test case is intended to demonstrate compliance to the applicable conducted spurious emission test case per FCC §2.1049 and RSS-GEN 6.7. The limit and the requirements come from the applicable rule part and ISED RSS-Standard for the operating band of the cellular device.

The EUT was connected to the test setups according to the following diagram:



Test Setup FCC / ISED Cellular;
Emission and occupied bandwidth

The attenuation of the measuring and stimulus path are known for each measured frequency and are considered.

The Spectrum Analyzer settings can be directly found in the measurement diagrams.

5.15.2 TEST REQUIREMENTS / LIMITS

FCC Part 2.1049; Occupied Bandwidth:

The occupied bandwidth, that is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission shall be measured under the following conditions as applicable:

(h) Transmitters employing digital modulation techniques—when modulated by an input signal such that its amplitude and symbol rate represent the maximum rated conditions under which the equipment will be operated. The signal shall be applied through any filter networks, pseudo-random generators or other devices required in normal service. Additionally, the occupied bandwidth shall be shown for operation with any devices used for modifying the spectrum when such devices are optional at the discretion of the user.

(i) Transmitters designed for other types of modulation—when modulated by an appropriate signal of sufficient amplitude to be representative of the type of service in which used. A description of the input signal should be supplied.

RSS-GEN; 6.7 Occupied Bandwidth

The emission bandwidth (×dB) is defined as the frequency range between two points, one above and one below the carrier frequency, at which the spectral density of the emission is attenuated × dB below the maximum in-band spectral density of the modulated signal. Spectral density (power per unit bandwidth) is to be measured with a detector of resolution bandwidth in the range of 1% to 5% of the anticipated emission bandwidth, and a video bandwidth at least 3× the resolution bandwidth.

When the occupied bandwidth limit is not stated in the applicable RSS or reference measurement method, the transmitted signal bandwidth shall be reported as the 99% emission bandwidth, as calculated or measured.

The transmitter shall be operated at its maximum carrier power measured under normal test conditions.

The span of the analyzer shall be set to capture all products of the modulation process, including the emission skirts.

The resolution bandwidth (RBW) shall be in the range of 1% to 5% of the occupied bandwidth (OBW) and video bandwidth (VBW) shall be approximately 3×RBW.

Note: Video averaging is not permitted.

A peak, or peak hold, may be used in place of the sampling detector as this may produce a wider bandwidth than the actual bandwidth (worst-case measurement). Use of a peak hold may be necessary to determine the occupied bandwidth if the device is not transmitting continuously.

The trace data points are recovered and are directly summed in linear power level terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached and that frequency recorded. The process is repeated for the highest frequency data points (starting at the highest frequency, at the right side of the span, and going down in frequency). This frequency is then recorded.
The difference between the two recorded frequencies is the 99% occupied bandwidth.

5.15.3 TEST PROTOCOL

Ambient temperature: 20 - 28 °C
Relative humidity: 30 - 40 %

Radio Technology		Channel	Ressource Blocks / Subcarrier	Bandwidth [MHz]	26 dB BW [kHz]	99 % BW [kHz]
CAT-M1	eFDD 4 QPSK	low	6	1.4	-	1102
CAT-M1	eFDD 4 QPSK	mid	6	1.4	-	1099
CAT-M1	eFDD 4 QPSK	high	6	1.4	-	1102
CAT-M1	eFDD 4 16QAM	low	5	1.4	-	927
CAT-M1	eFDD 4 16QAM	mid	5	1.4	-	932
CAT-M1	eFDD 4 16QAM	high	5	1.4	-	940
CAT-M1	eFDD 12 QPSK	low	6	1.4	-	1100
CAT-M1	eFDD 12 QPSK	mid	6	1.4	-	1105
CAT-M1	eFDD 12 QPSK	high	6	1.4	-	1098
CAT-M1	eFDD 12 16QAM	low	5	1.4	-	932
CAT-M1	eFDD 12 16QAM	mid	5	1.4	-	937
CAT-M1	eFDD 12 16QAM	high	5	1.4	-	937
CAT-M1	eFDD 66 QPSK	low	6	1.4	-	1102
CAT-M1	eFDD 66 QPSK	mid	6	1.4	-	1102
CAT-M1	eFDD 66 QPSK	high	6	1.4	-	1099
CAT-M1	eFDD 66 16QAM	low	5	1.4	-	938
CAT-M1	eFDD 66 16QAM	mid	5	1.4	-	933
CAT-M1	eFDD 66 16QAM	high	5	1.4	-	943

Remark: Please see next sub-clause for the measurement plot.