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Subpart C

Field strength of spurious radiation

The measurement was performed according to ANSI C63.26: 2015

Final Result

OP-Mode

Technology, Radio Technology, Operating Frequency, ChBW, Ressource Blocks, Measurement method

OP-Mode	Setup	Date	FCC	IC
LTE, eTDD 41 QPSK, high channel, 5 MHz, 1, radiated	S01_AJ06	2020-09-30	Passed	Passed
LTE, eTDD 41 QPSK, low channel, 5 MHz, 1, radiated	S01_AJ06	2020-09-30	Passed	Passed
LTE, eTDD 41 QPSK, mid channel, 5 MHz, 1, radiated	S01_AJ06	2020-09-30	Passed	Passed
LTE, eFDD 66 QPSK, high channel, 5 MHz, 1, radiated	S01_AF02	2020-07-16	Passed	Passed
LTE, eFDD 66 QPSK, low channel, 5 MHz, 1, radiated	S01_AF02	2020-07-16	Passed	Passed
LTE, eFDD 66 QPSK, mid channel, 5 MHz, 1, radiated	S01_AF02	2020-07-16	Passed	Passed
LTE, eFDD 71 QPSK, high channel, 5 MHz, 1, radiated	S01_BP14	2020-11-11	Passed	Passed
LTE, eFDD 71 QPSK, low channel, 5 MHz, 1, radiated	S01_BP14	2020-11-11	Passed	Passed
LTE, eFDD 71 QPSK, mid channel, 5 MHz, 1, radiated	S01_BP14	2020-11-11	Passed	Passed
LTE, CA_7C QPSK, low ch., 20 & 15 MHz, 100 & 75, radiated	S01_AJ04	2020-08-11	Passed	Passed
LTE, CA_7C QPSK, mid ch., 20 & 15 MHz, 100 & 75, radiated	S01_AJ04	2020-08-11	Passed	Passed
LTE, CA_7C QPSK, high ch., 20 & 15 MHz, 100 & 75, radiated	S01_AJ04	2020-08-11	Passed	Passed
LTE, CA_38C QPSK, low ch., 20 & 20 MHz, 100 & 100, radiated	S01_AF02	2020-08-03	Passed	Passed
LTE, CA_38C QPSK, mid ch., 20 & 20 MHz, 100 & 100, radiated	S01_AF02	2020-08-03	Passed	Passed
LTE, CA_38C QPSK, high ch., 20 & 20 MHz, 100 & 100, radiated	S01_AF02	2020-08-03	Passed	Passed
LTE, CA_41C QPSK, low ch., 20 & 5 MHz, 100 & 25, radiated	S01_AJ04	2020-08-30	Passed	Passed
LTE, CA_41C QPSK, mid ch., 20 & 5 MHz, 100 & 25, radiated	S01_AJ04	2020-08-30	Passed	Passed
LTE, CA_41C QPSK, high ch., 20 & 5 MHz, 100 & 25, radiated	S01_AJ04	2020-08-30	Passed	Passed
LTE, CA_66B QPSK, low ch., 10 & 10 MHz, 50 & 50, radiated	S01_BP14	2020-11-11	Passed	Passed
LTE, CA_66B QPSK, mid ch., 10 & 10 MHz, 50 & 50, radiated	S01_BP14	2020-11-11	Passed	Passed
LTE, CA_66B QPSK, high ch., 10 & 10 MHz, 50 & 50, radiated	S01_BP14	2020-11-11	Passed	Passed
LTE, CA_66C QPSK, low ch., 15 & 15 MHz, 75 & 75, radiated	S01_AJ04	2020-08-30	Passed	Passed
LTE, CA_66C QPSK, mid ch., 15 & 15 MHz, 75 & 75, radiated	S01_AJ04	2020-08-30	Passed	Passed
LTE, CA_66C QPSK, high ch., 15 & 15 MHz, 75 & 75, radiated	S01_AJ04	2020-08-30	Passed	Passed
LTE, CA_4_5 QPSK, mid, 5 MHz & 5 MHz, 1 & 1, radiated	S01_AE01	2020-07-01	Passed	Passed
LTE, CA_4_12 QPSK, mid, 5 MHz & 5 MHz, 1 & 1, radiated	S01_AE01	2020-07-01	Passed	Passed
LTE, CA_4_13 QPSK, mid, 5 MHz & 5 MHz, 1 & 1, radiated	S01_AE01	2020-07-01	Passed	Passed
LTE, CA_4_17 QPSK, mid, 5 MHz & 5 MHz, 1 & 1, radiated	S01_AE01	2020-07-01	Passed	Passed
LTE, CA_5_7 QPSK, mid, 5 MHz & 5 MHz, 1 & 1, radiated	S01_AE01	2020-07-01	Passed	Passed
LTE, CA_5_66 QPSK, mid, 5 MHz & 5 MHz, 1 & 1, radiated	S01_AE01	2020-07-01	Passed	Passed
LTE, CA_7_26 QPSK, mid, 5 MHz & 5 MHz, 1 & 1, radiated	S01_AE01	2020-07-02	Passed	Passed
LTE, CA_12_66 QPSK, mid, 5 MHz & 5 MHz, 1 & 1, radiated	S01_AE01	2020-07-01	Passed	Passed

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Subpart C

Emission and occupied bandwidth

The measurement was performed according to ANSI C63.26: 2015

Final Result

OP-Mode

Technology, Radio Technology, Operating Frequency, ChBW, Ressource Blocks, Measurement method

OP-Mode	Setup	Date	FCC	IC
LTE, eFDD 4 16QAM, high channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 16QAM, low channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 16QAM, mid channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-21	Passed	Passed

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Subpart C

Emission and occupied bandwidth

The measurement was performed according to ANSI C63.26: 2015

Final Result

OP-Mode

Technology, Radio Technology, Operating Frequency, ChBW, Ressource Blocks, Measurement method

OP-Mode	Setup	Date	FCC	IC
LTE, eFDD 4 64QAM, high channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 64QAM, low channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 64QAM, mid channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 QPSK, high channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 QPSK, low channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 QPSK, mid channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 16QAM, high channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 16QAM, low channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 16QAM, mid channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 64QAM, high channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 64QAM, low channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 64QAM, mid channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 QPSK, high channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 QPSK, low channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 QPSK, mid channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 16QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 16QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 16QAM, mid channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 64QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 64QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 64QAM, mid channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 QPSK, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 QPSK, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 QPSK, mid channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 16QAM, high channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 16QAM, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 16QAM, mid channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 64QAM, high channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 64QAM, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 64QAM, mid channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 QPSK, high channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 QPSK, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 QPSK, mid channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 16QAM, high channel, 15 MHz, 75, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 16QAM, low channel, 15 MHz, 75, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 16QAM, mid channel, 15 MHz, 75, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 64QAM, high channel, 15 MHz, 75, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 64QAM, low channel, 15 MHz, 75, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 64QAM, mid channel, 15 MHz, 75, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 QPSK, high channel, 15 MHz, 75, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 QPSK, low channel, 15 MHz, 75, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 QPSK, mid channel, 15 MHz, 75, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 16QAM, high channel, 20 MHz, 100, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 16QAM, low channel, 20 MHz, 100, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 16QAM, mid channel, 20 MHz, 100, conducted	S01_AA01	2020-05-21	Passed	Passed

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Subpart C

Emission and occupied bandwidth

The measurement was performed according to ANSI C63.26: 2015

Final Result

OP-Mode

Technology, Radio Technology, Operating Frequency, ChBW, Ressource Blocks, Measurement method

OP-Mode	Setup	Date	FCC	IC
LTE, eFDD 4 64QAM, high channel, 20 MHz, 100, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 64QAM, low channel, 20 MHz, 100, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 64QAM, mid channel, 20 MHz, 100, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 QPSK, high channel, 20 MHz, 100, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 QPSK, low channel, 20 MHz, 100, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 QPSK, mid channel, 20 MHz, 100, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 16QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 16QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 16QAM, mid channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 64QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 64QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 64QAM, mid channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 QPSK, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 QPSK, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 QPSK, mid channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 16QAM, high channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 16QAM, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 16QAM, mid channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 64QAM, high channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 64QAM, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 64QAM, mid channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 QPSK, high channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 QPSK, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 QPSK, mid channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 16QAM, high channel, 15 MHz, 75, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 16QAM, low channel, 15 MHz, 75, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 16QAM, mid channel, 15 MHz, 75, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 64QAM, high channel, 15 MHz, 75, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 64QAM, low channel, 15 MHz, 75, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 64QAM, mid channel, 15 MHz, 75, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 QPSK, high channel, 15 MHz, 75, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 QPSK, low channel, 15 MHz, 75, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 QPSK, mid channel, 15 MHz, 75, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 16QAM, high channel, 20 MHz, 100, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 16QAM, low channel, 20 MHz, 100, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 16QAM, mid channel, 20 MHz, 100, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 64QAM, high channel, 20 MHz, 100, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 64QAM, low channel, 20 MHz, 100, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 64QAM, mid channel, 20 MHz, 100, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 QPSK, high channel, 20 MHz, 100, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 QPSK, low channel, 20 MHz, 100, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 QPSK, mid channel, 20 MHz, 100, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 16QAM, high channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 16QAM, low channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 16QAM, mid channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-21	Passed	Passed

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Subpart C

Emission and occupied bandwidth

The measurement was performed according to ANSI C63.26: 2015

Final Result

OP-Mode

Technology, Radio Technology, Operating Frequency, ChBW, Ressource Blocks, Measurement method

OP-Mode	Setup	Date	FCC	IC
LTE, eFDD 12 64QAM, high channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 64QAM, low channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 64QAM, mid channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 QPSK, high channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 QPSK, low channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 QPSK, mid channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 16QAM, high channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 16QAM, low channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 16QAM, mid channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 64QAM, high channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 64QAM, low channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 64QAM, mid channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 QPSK, high channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 QPSK, low channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 QPSK, mid channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 16QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 16QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 16QAM, mid channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 64QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 64QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 64QAM, mid channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 QPSK, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 QPSK, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 QPSK, mid channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 16QAM, high channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 16QAM, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 16QAM, mid channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 64QAM, high channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 64QAM, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 64QAM, mid channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 QPSK, high channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 QPSK, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 QPSK, mid channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 13 16QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 13 16QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 13 16QAM, mid channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 13 64QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 13 64QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 13 64QAM, mid channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 13 QPSK, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 13 QPSK, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 13 QPSK, mid channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 13 16QAM, mid channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 13 64QAM, mid channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 13 QPSK, mid channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed

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Subpart C

Emission and occupied bandwidth

The measurement was performed according to ANSI C63.26: 2015

Final Result

OP-Mode

Technology, Radio Technology, Operating Frequency, ChBW, Ressource Blocks, Measurement method

OP-Mode	Setup	Date	FCC	IC
LTE, eFDD 17 16QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 17 16QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 17 16QAM, mid channel, 5 MHz, 25, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 17 64QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 17 64QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 17 64QAM, mid channel, 5 MHz, 25, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 17 QPSK, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 17 QPSK, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 17 QPSK, mid channel, 5 MHz, 25, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 17 16QAM, high channel, 10 MHz, 50, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 17 16QAM, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 17 16QAM, mid channel, 10 MHz, 50, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 17 64QAM, high channel, 10 MHz, 50, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 17 64QAM, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 17 64QAM, mid channel, 10 MHz, 50, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 17 QPSK, high channel, 10 MHz, 50, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 17 QPSK, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 17 QPSK, mid channel, 10 MHz, 50, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eTDD 38 16QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-07-04	Passed	Passed
LTE, eTDD 38 16QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-07-04	Passed	Passed
LTE, eTDD 38 16QAM, mid channel, 5 MHz, 25, conducted	S01_AA01	2020-07-04	Passed	Passed
LTE, eTDD 38 64QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-07-04	Passed	Passed
LTE, eTDD 38 64QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-07-04	Passed	Passed
LTE, eTDD 38 64QAM, mid channel, 5 MHz, 25, conducted	S01_AA01	2020-07-04	Passed	Passed
LTE, eTDD 38 QPSK, high channel, 5 MHz, 25, conducted	S01_AA01	2020-07-04	Passed	Passed
LTE, eTDD 38 QPSK, low channel, 5 MHz, 25, conducted	S01_AA01	2020-07-04	Passed	Passed
LTE, eTDD 38 QPSK, mid channel, 5 MHz, 25, conducted	S01_AA01	2020-07-04	Passed	Passed
LTE, eTDD 38 16QAM, high channel, 10 MHz, 50, conducted	S01_AA01	2020-07-04	Passed	Passed
LTE, eTDD 38 16QAM, low channel, 10 MHz, 50, conducted	S01_AA01	2020-07-04	Passed	Passed
LTE, eTDD 38 16QAM, mid channel, 10 MHz, 50, conducted	S01_AA01	2020-07-04	Passed	Passed
LTE, eTDD 38 64QAM, high channel, 10 MHz, 50, conducted	S01_AA01	2020-07-04	Passed	Passed
LTE, eTDD 38 64QAM, low channel, 10 MHz, 50, conducted	S01_AA01	2020-07-04	Passed	Passed
LTE, eTDD 38 64QAM, mid channel, 10 MHz, 50, conducted	S01_AA01	2020-07-04	Passed	Passed
LTE, eTDD 38 QPSK, high channel, 10 MHz, 50, conducted	S01_AA01	2020-07-04	Passed	Passed
LTE, eTDD 38 QPSK, low channel, 10 MHz, 50, conducted	S01_AA01	2020-07-04	Passed	Passed
LTE, eTDD 38 QPSK, mid channel, 10 MHz, 50, conducted	S01_AA01	2020-07-04	Passed	Passed
LTE, eTDD 38 16QAM, high channel, 15 MHz, 75, conducted	S01_AA01	2020-07-04	Passed	Passed
LTE, eTDD 38 16QAM, low channel, 15 MHz, 75, conducted	S01_AA01	2020-07-04	Passed	Passed
LTE, eTDD 38 16QAM, mid channel, 15 MHz, 75, conducted	S01_AA01	2020-07-04	Passed	Passed
LTE, eTDD 38 64QAM, high channel, 15 MHz, 75, conducted	S01_AA01	2020-07-04	Passed	Passed
LTE, eTDD 38 64QAM, low channel, 15 MHz, 75, conducted	S01_AA01	2020-07-04	Passed	Passed
LTE, eTDD 38 64QAM, mid channel, 15 MHz, 75, conducted	S01_AA01	2020-07-04	Passed	Passed
LTE, eTDD 38 QPSK, high channel, 15 MHz, 75, conducted	S01_AA01	2020-07-04	Passed	Passed
LTE, eTDD 38 QPSK, low channel, 15 MHz, 75, conducted	S01_AA01	2020-07-04	Passed	Passed
LTE, eTDD 38 QPSK, mid channel, 15 MHz, 75, conducted	S01_AA01	2020-07-04	Passed	Passed

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Subpart C

Emission and occupied bandwidth

The measurement was performed according to ANSI C63.26: 2015

Final Result

OP-Mode

Technology, Radio Technology, Operating Frequency, ChBW, Ressource Blocks, Measurement method

OP-Mode	Setup	Date	FCC	IC
LTE, eTDD 38 16QAM, high channel, 20 MHz, 100, conducted	S01_AA01	2020-07-04	Passed	Passed
LTE, eTDD 38 16QAM, low channel, 20 MHz, 100, conducted	S01_AA01	2020-07-04	Passed	Passed
LTE, eTDD 38 16QAM, mid channel, 20 MHz, 100, conducted	S01_AA01	2020-07-04	Passed	Passed
LTE, eTDD 38 64QAM, high channel, 20 MHz, 100, conducted	S01_AA01	2020-07-04	Passed	Passed
LTE, eTDD 38 64QAM, low channel, 20 MHz, 100, conducted	S01_AA01	2020-07-04	Passed	Passed
LTE, eTDD 38 64QAM, mid channel, 20 MHz, 100, conducted	S01_AA01	2020-07-04	Passed	Passed
LTE, eTDD 38 QPSK, high channel, 20 MHz, 100, conducted	S01_AA01	2020-07-04	Passed	Passed
LTE, eTDD 38 QPSK, low channel, 20 MHz, 100, conducted	S01_AA01	2020-07-04	Passed	Passed
LTE, eTDD 38 QPSK, mid channel, 20 MHz, 100, conducted	S01_AA01	2020-07-04	Passed	Passed
LTE, eTDD 41 16QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 16QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 16QAM, mid channel, 5 MHz, 25, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 64QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 64QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 64QAM, mid channel, 5 MHz, 25, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 QPSK, high channel, 5 MHz, 25, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 QPSK, low channel, 5 MHz, 25, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 QPSK, mid channel, 5 MHz, 25, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 16QAM, high channel, 10 MHz, 50, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 16QAM, low channel, 10 MHz, 50, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 16QAM, mid channel, 10 MHz, 50, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 64QAM, high channel, 10 MHz, 50, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 64QAM, low channel, 10 MHz, 50, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 64QAM, mid channel, 10 MHz, 50, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 QPSK, high channel, 10 MHz, 50, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 QPSK, low channel, 10 MHz, 50, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 QPSK, mid channel, 10 MHz, 50, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 16QAM, high channel, 15 MHz, 75, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 16QAM, low channel, 15 MHz, 75, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 16QAM, mid channel, 15 MHz, 75, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 64QAM, high channel, 15 MHz, 75, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 64QAM, low channel, 15 MHz, 75, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 64QAM, mid channel, 15 MHz, 75, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 QPSK, high channel, 15 MHz, 75, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 QPSK, low channel, 15 MHz, 75, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 QPSK, mid channel, 15 MHz, 75, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 16QAM, high channel, 20 MHz, 100, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 16QAM, low channel, 20 MHz, 100, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 16QAM, mid channel, 20 MHz, 100, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 64QAM, high channel, 20 MHz, 100, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 64QAM, low channel, 20 MHz, 100, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 64QAM, mid channel, 20 MHz, 100, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 QPSK, high channel, 20 MHz, 100, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 QPSK, low channel, 20 MHz, 100, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 QPSK, mid channel, 20 MHz, 100, conducted	S01_AA01	2020-06-02	Passed	Passed

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Subpart C

Emission and occupied bandwidth

The measurement was performed according to ANSI C63.26: 2015

Final Result

OP-Mode

Technology, Radio Technology, Operating Frequency, ChBW, Ressource Blocks, Measurement method

OP-Mode	Setup	Date	FCC	IC
LTE, eFDD 66 16QAM, high channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 16QAM, low channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 16QAM, mid channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 64QAM, high channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 64QAM, low channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 64QAM, mid channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 QPSK, high channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 QPSK, low channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 QPSK, mid channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 16QAM, high channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 16QAM, low channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 16QAM, mid channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 64QAM, high channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 64QAM, low channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 64QAM, mid channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 QPSK, high channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 QPSK, low channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 QPSK, mid channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 16QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 16QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 16QAM, mid channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 64QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 64QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 64QAM, mid channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 QPSK, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 QPSK, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 QPSK, mid channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 16QAM, high channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 16QAM, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 16QAM, mid channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 64QAM, high channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 64QAM, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 64QAM, mid channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 QPSK, high channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 QPSK, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 QPSK, mid channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 16QAM, high channel, 15 MHz, 75, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 16QAM, low channel, 15 MHz, 75, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 16QAM, mid channel, 15 MHz, 75, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 64QAM, high channel, 15 MHz, 75, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 64QAM, low channel, 15 MHz, 75, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 64QAM, mid channel, 15 MHz, 75, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 QPSK, high channel, 15 MHz, 75, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 QPSK, low channel, 15 MHz, 75, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 QPSK, mid channel, 15 MHz, 75, conducted	S01_AA01	2020-05-21	Passed	Passed

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Subpart C

Emission and occupied bandwidth

The measurement was performed according to ANSI C63.26: 2015

Final Result

OP-Mode

Technology, Radio Technology, Operating Frequency, ChBW, Ressource Blocks, Measurement method

Setup

Date

FCC

IC

LTE, eFDD 66 16QAM, high channel, 20 MHz, 100, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 16QAM, low channel, 20 MHz, 100, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 16QAM, mid channel, 20 MHz, 100, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 64QAM, high channel, 20 MHz, 100, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 64QAM, low channel, 20 MHz, 100, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 64QAM, mid channel, 20 MHz, 100, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 QPSK, high channel, 20 MHz, 100, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 QPSK, low channel, 20 MHz, 100, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 66 QPSK, mid channel, 20 MHz, 100, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 71 16QAM, high channel, 5 MHz, 25, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 16QAM, low channel, 5 MHz, 25, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 16QAM, mid channel, 5 MHz, 25, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 64QAM, high channel, 5 MHz, 25, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 64QAM, low channel, 5 MHz, 25, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 64QAM, mid channel, 5 MHz, 25, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 QPSK, high channel, 5 MHz, 25, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 QPSK, low channel, 5 MHz, 25, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 QPSK, mid channel, 5 MHz, 25, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 16QAM, high channel, 10 MHz, 50, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 16QAM, low channel, 10 MHz, 50, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 16QAM, mid channel, 10 MHz, 50, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 64QAM, high channel, 10 MHz, 50, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 64QAM, low channel, 10 MHz, 50, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 64QAM, mid channel, 10 MHz, 50, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 QPSK, high channel, 10 MHz, 50, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 QPSK, low channel, 10 MHz, 50, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 QPSK, mid channel, 10 MHz, 50, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 16QAM, high channel, 15 MHz, 75, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 16QAM, low channel, 15 MHz, 75, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 16QAM, mid channel, 15 MHz, 75, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 64QAM, high channel, 15 MHz, 75, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 64QAM, low channel, 15 MHz, 75, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 64QAM, mid channel, 15 MHz, 75, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 QPSK, high channel, 15 MHz, 75, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 QPSK, low channel, 15 MHz, 75, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 QPSK, mid channel, 15 MHz, 75, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 16QAM, high channel, 20 MHz, 100, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 16QAM, low channel, 20 MHz, 100, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 16QAM, mid channel, 20 MHz, 100, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 64QAM, high channel, 20 MHz, 100, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 64QAM, low channel, 20 MHz, 100, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 64QAM, mid channel, 20 MHz, 100, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 QPSK, high channel, 20 MHz, 100, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 QPSK, low channel, 20 MHz, 100, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 QPSK, mid channel, 20 MHz, 100, conducted	S01_BP14	2020-11-09	Passed	Passed

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Subpart C

Emission and occupied bandwidth

The measurement was performed according to ANSI C63.26: 2015

Final Result

OP-Mode

Technology, Radio Technology, Operating Frequency, ChBW, Ressource Blocks, Measurement method

OP-Mode	Setup	Date	FCC	IC
LTE, CA_7C QPSK, low ch., 15 & 15 MHz, 75 & 75, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C QPSK, mid ch., 15 & 15 MHz, 75 & 75, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C QPSK, high ch., 15 & 15 MHz, 75 & 75, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 16QAM, low ch., 15 & 15 MHz, 75 & 75, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 16QAM, mid ch., 15 & 15 MHz, 75 & 75, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 16QAM, high ch., 15 & 15 MHz, 75 & 75, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 64QAM, low ch., 15 & 15 MHz, 75 & 75, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 64QAM, mid ch., 15 & 15 MHz, 75 & 75, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 64QAM, high ch., 15 & 15 MHz, 75 & 75, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C QPSK, low ch., 20 & 20 MHz, 100 & 100, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C QPSK, mid ch., 20 & 20 MHz, 100 & 100, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C QPSK, high ch., 20 & 20 MHz, 100 & 100, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 16QAM, low ch., 20 & 20 MHz, 100 & 100, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 16QAM, mid ch., 20 & 20 MHz, 100 & 100, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 16QAM, high ch., 20 & 20 MHz, 100 & 100, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 64QAM, low ch., 20 & 20 MHz, 100 & 100, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 64QAM, mid ch., 20 & 20 MHz, 100 & 100, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 64QAM, high ch., 20 & 20 MHz, 100 & 100, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C QPSK, low ch., 10 & 20 MHz, 50 & 100, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C QPSK, mid ch., 10 & 20 MHz, 50 & 100, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C QPSK, high ch., 10 & 20 MHz, 50 & 100, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 16QAM, low ch., 10 & 20 MHz, 50 & 100, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 16QAM, mid ch., 10 & 20 MHz, 50 & 100, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 16QAM, high ch., 10 & 20 MHz, 50 & 100, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 64QAM, low ch., 10 & 20 MHz, 50 & 100, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 64QAM, mid ch., 10 & 20 MHz, 50 & 100, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 64QAM, high ch., 10 & 20 MHz, 50 & 100, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C QPSK, low ch., 15 & 20 MHz, 75 & 100, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C QPSK, mid ch., 15 & 20 MHz, 75 & 100, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C QPSK, high ch., 15 & 20 MHz, 75 & 100, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 16QAM, low ch., 15 & 20 MHz, 75 & 100, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 16QAM, mid ch., 15 & 20 MHz, 75 & 100, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 16QAM, high ch., 15 & 20 MHz, 75 & 100, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 64QAM, low ch., 15 & 20 MHz, 75 & 100, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 64QAM, mid ch., 15 & 20 MHz, 75 & 100, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 64QAM, high ch., 15 & 20 MHz, 75 & 100, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C QPSK, low ch., 20 & 10 MHz, 100 & 50, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C QPSK, mid ch., 20 & 10 MHz, 100 & 50, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C QPSK, high ch., 20 & 10 MHz, 100 & 50, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 16QAM, low ch., 20 & 10 MHz, 100 & 50, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 16QAM, mid ch., 20 & 10 MHz, 100 & 50, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 16QAM, high ch., 20 & 10 MHz, 100 & 50, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 64QAM, low ch., 20 & 10 MHz, 100 & 50, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 64QAM, mid ch., 20 & 10 MHz, 100 & 50, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 64QAM, high ch., 20 & 10 MHz, 100 & 50, cond.	S01_AF02	2020-07-25	Passed	Passed

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Subpart C

Emission and occupied bandwidth

The measurement was performed according to ANSI C63.26: 2015

Final Result

OP-Mode

Technology, Radio Technology, Operating Frequency, ChBW, Ressource Blocks, Measurement method

OP-Mode	Setup	Date	FCC	IC
LTE, CA_7C QPSK, low ch., 20 & 15 MHz, 100 & 75, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C QPSK, mid ch., 20 & 15 MHz, 100 & 75, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C QPSK, high ch., 20 & 15 MHz, 100 & 75, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 16QAM, low ch., 20 & 15 MHz, 100 & 75, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 16QAM, mid ch., 20 & 15 MHz, 100 & 75, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 16QAM, high ch., 20 & 15 MHz, 100 & 75, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 64QAM, low ch., 20 & 15 MHz, 100 & 75, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 64QAM, mid ch., 20 & 15 MHz, 100 & 75, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 64QAM, high ch., 20 & 15 MHz, 100 & 75, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C QPSK, low ch., 15 & 10 MHz, 100 & 75, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C QPSK, mid ch., 15 & 10 MHz, 100 & 75, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C QPSK, high ch., 15 & 10 MHz, 100 & 75, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 16QAM, low ch., 15 & 10 MHz, 100 & 75, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 16QAM, mid ch., 15 & 10 MHz, 100 & 75, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 16QAM, high ch., 15 & 10 MHz, 100 & 75, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 64QAM, low ch., 15 & 10 MHz, 100 & 75, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 64QAM, mid ch., 15 & 10 MHz, 100 & 75, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_7C 64QAM, high ch., 15 & 10 MHz, 100 & 75, cond.	S01_AF02	2020-07-25	Passed	Passed
LTE, CA_38C QPSK, low ch., 15 & 15 MHz, 75 & 75, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_38C QPSK, mid ch., 15 & 15 MHz, 75 & 75, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_38C QPSK, high ch., 15 & 15 MHz, 75 & 75, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_38C 16QAM, low ch., 15 & 15 MHz, 75 & 75, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_38C 16QAM, mid ch., 15 & 15 MHz, 75 & 75, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_38C 16QAM, high ch., 15 & 15 MHz, 75 & 75, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_38C 64QAM, low ch., 15 & 15 MHz, 75 & 75, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_38C 64QAM, mid ch., 15 & 15 MHz, 75 & 75, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_38C 64QAM, high ch., 15 & 15 MHz, 75 & 75, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_38C QPSK, low ch., 20 & 20 MHz, 100 & 100, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_38C QPSK, mid ch., 20 & 20 MHz, 100 & 100, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_38C QPSK, high ch., 20 & 20 MHz, 100 & 100, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_38C 16QAM, low ch., 20 & 20 MHz, 100 & 100, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_38C 16QAM, mid ch., 20 & 20 MHz, 100 & 100, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_38C 16QAM, high ch., 20 & 20 MHz, 100 & 100, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_38C 64QAM, low ch., 20 & 20 MHz, 100 & 100, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_38C 64QAM, mid ch., 20 & 20 MHz, 100 & 100, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_38C 64QAM, high ch., 20 & 20 MHz, 100 & 100, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C QPSK, low ch., 5 & 20 MHz, 25 & 100, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C QPSK, mid ch., 5 & 20 MHz, 25 & 100, cond.	S01_AJ06	2020-10-12	Passed	Passed
LTE, CA_41C QPSK, high ch., 5 & 20 MHz, 25 & 100, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 16QAM, low ch., 5 & 20 MHz, 25 & 100, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 16QAM, mid ch., 5 & 20 MHz, 25 & 100, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 16QAM, high ch., 5 & 20 MHz, 25 & 100, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 64QAM, low ch., 5 & 20 MHz, 25 & 100, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 64QAM, mid ch., 5 & 20 MHz, 25 & 100, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 64QAM, high ch., 5 & 20 MHz, 25 & 100, cond.	S01_AF02	2020-07-02	Passed	Passed

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Subpart C

Emission and occupied bandwidth

The measurement was performed according to ANSI C63.26: 2015

Final Result

OP-Mode

Technology, Radio Technology, Operating Frequency, ChBW, Ressource Blocks, Measurement method

OP-Mode	Setup	Date	FCC	IC
LTE, CA_41C QPSK, low ch., 15 & 15 MHz, 75 & 75, cond.	S01_AJ06	2020-10-12	Passed	Passed
LTE, CA_41C QPSK, mid ch., 15 & 15 MHz, 75 & 75, cond.	S01_AJ06	2020-10-12	Passed	Passed
LTE, CA_41C QPSK, high ch., 15 & 15 MHz, 75 & 75, cond.	S01_AJ06	2020-10-12	Passed	Passed
LTE, CA_41C 16QAM, low ch., 15 & 15 MHz, 75 & 75, cond.	S01_AJ06	2020-10-12	Passed	Passed
LTE, CA_41C 16QAM, mid ch., 15 & 15 MHz, 75 & 75, cond.	S01_AJ06	2020-10-12	Passed	Passed
LTE, CA_41C 16QAM, high ch., 15 & 15 MHz, 75 & 75, cond.	S01_AJ06	2020-10-12	Passed	Passed
LTE, CA_41C 64QAM, low ch., 15 & 15 MHz, 75 & 75, cond.	S01_AJ06	2020-10-12	Passed	Passed
LTE, CA_41C 64QAM, mid ch., 15 & 15 MHz, 75 & 75, cond.	S01_AJ06	2020-10-12	Passed	Passed
LTE, CA_41C 64QAM, high ch., 15 & 15 MHz, 75 & 75, cond.	S01_AJ06	2020-10-12	Passed	Passed
LTE, CA_41C QPSK, low ch., 15 & 20 MHz, 75 & 100, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C QPSK, mid ch., 15 & 20 MHz, 75 & 100, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C QPSK, high ch., 15 & 20 MHz, 75 & 100, cond.	S01_AJ06	2020-10-12	Passed	Passed
LTE, CA_41C 16QAM, low ch., 15 & 20 MHz, 75 & 100, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 16QAM, mid ch., 15 & 20 MHz, 75 & 100, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 16QAM, high ch., 15 & 20 MHz, 75 & 100, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 64QAM, low ch., 15 & 20 MHz, 75 & 100, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 64QAM, mid ch., 15 & 20 MHz, 75 & 100, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 64QAM, high ch., 15 & 20 MHz, 75 & 100, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C QPSK, low ch., 20 & 10 MHz, 100 & 50, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C QPSK, mid ch., 20 & 10 MHz, 100 & 50, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C QPSK, high ch., 20 & 10 MHz, 100 & 50, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 16QAM, low ch., 20 & 10 MHz, 100 & 50, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 16QAM, mid ch., 20 & 10 MHz, 100 & 50, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 16QAM, high ch., 20 & 10 MHz, 100 & 50, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 64QAM, low ch., 20 & 10 MHz, 100 & 50, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 64QAM, mid ch., 20 & 10 MHz, 100 & 50, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 64QAM, high ch., 20 & 10 MHz, 100 & 50, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C QPSK, low ch., 20 & 15 MHz, 100 & 75, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C QPSK, mid ch., 20 & 15 MHz, 100 & 75, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C QPSK, high ch., 20 & 15 MHz, 100 & 75, cond.	S01_AJ06	2020-10-12	Passed	Passed
LTE, CA_41C 16QAM, low ch., 20 & 15 MHz, 100 & 75, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 16QAM, mid ch., 20 & 15 MHz, 100 & 75, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 16QAM, high ch., 20 & 15 MHz, 100 & 75, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 64QAM, low ch., 20 & 15 MHz, 100 & 75, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 64QAM, mid ch., 20 & 15 MHz, 100 & 75, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 64QAM, high ch., 20 & 15 MHz, 100 & 75, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C QPSK, low ch., 20 & 20 MHz, 100 & 100, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C QPSK, mid ch., 20 & 20 MHz, 100 & 100, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C QPSK, high ch., 20 & 20 MHz, 100 & 100, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 16QAM, low ch., 20 & 20 MHz, 100 & 100, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 16QAM, mid ch., 20 & 20 MHz, 100 & 100, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 16QAM, high ch., 20 & 20 MHz, 100 & 100, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 64QAM, low ch., 20 & 20 MHz, 100 & 100, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 64QAM, mid ch., 20 & 20 MHz, 100 & 100, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 64QAM, high ch., 20 & 20 MHz, 100 & 100, cond.	S01_AF02	2020-07-02	Passed	Passed

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Subpart C

Emission and occupied bandwidth

The measurement was performed according to ANSI C63.26: 2015

Final Result

OP-Mode

Technology, Radio Technology, Operating Frequency, ChBW, Ressource Blocks, Measurement method

OP-Mode	Setup	Date	FCC	IC
LTE, CA_41C QPSK, low ch., 20 & 5 MHz, 100 & 25, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C QPSK, mid ch., 20 & 5 MHz, 100 & 25, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C QPSK, high ch., 20 & 5 MHz, 100 & 25, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 16QAM, low ch., 20 & 5 MHz, 100 & 25, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 16QAM, mid ch., 20 & 5 MHz, 100 & 25, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 16QAM, high ch., 20 & 5 MHz, 100 & 25, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 64QAM, low ch., 20 & 5 MHz, 100 & 25, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 64QAM, mid ch., 20 & 5 MHz, 100 & 25, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 64QAM, high ch., 20 & 5 MHz, 100 & 25, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C QPSK, low ch., 15 & 10 MHz, 75 & 50, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C QPSK, mid ch., 15 & 10 MHz, 75 & 50, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C QPSK, high ch., 15 & 10 MHz, 75 & 50, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 16QAM, low ch., 15 & 10 MHz, 75 & 50, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 16QAM, mid ch., 15 & 10 MHz, 75 & 50, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 16QAM, high ch., 15 & 10 MHz, 75 & 50, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 64QAM, low ch., 15 & 10 MHz, 75 & 50, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 64QAM, mid ch., 15 & 10 MHz, 75 & 50, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 64QAM, high ch., 15 & 10 MHz, 75 & 50, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C QPSK, low ch., 10 & 15 MHz, 50 & 75, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C QPSK, mid ch., 10 & 15 MHz, 50 & 75, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C QPSK, high ch., 10 & 15 MHz, 50 & 75, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 16QAM, low ch., 10 & 15 MHz, 50 & 75, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 16QAM, mid ch., 10 & 15 MHz, 50 & 75, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 16QAM, high ch., 10 & 15 MHz, 50 & 75, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 64QAM, low ch., 10 & 15 MHz, 50 & 75, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 64QAM, mid ch., 10 & 15 MHz, 50 & 75, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_41C 64QAM, high ch., 10 & 15 MHz, 50 & 75, cond.	S01_AF02	2020-07-02	Passed	Passed
LTE, CA_66B QPSK, low ch., 5 & 5 MHz, 25 & 25, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B QPSK, mid ch., 5 & 5 MHz, 25 & 25, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B QPSK, high ch., 5 & 5 MHz, 25 & 25, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 16QAM, low ch., 5 & 5 MHz, 25 & 25, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 16QAM, mid ch., 5 & 5 MHz, 25 & 25, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 16QAM, high ch., 5 & 5 MHz, 25 & 25, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 64QAM, low ch., 5 & 5 MHz, 25 & 25, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 64QAM, mid ch., 5 & 5 MHz, 25 & 25, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 64QAM, high ch., 5 & 5 MHz, 25 & 25, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B QPSK, low ch., 5 & 10 MHz, 25 & 50, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B QPSK, mid ch., 5 & 10 MHz, 25 & 50, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B QPSK, high ch., 5 & 10 MHz, 25 & 50, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 16QAM, low ch., 5 & 10 MHz, 25 & 50, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 16QAM, mid ch., 5 & 10 MHz, 25 & 50, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 16QAM, high ch., 5 & 10 MHz, 25 & 50, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 64QAM, low ch., 5 & 10 MHz, 25 & 50, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 64QAM, mid ch., 5 & 10 MHz, 25 & 50, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 64QAM, high ch., 5 & 10 MHz, 25 & 50, cond.	S01_BP14	2020-11-09	Passed	Passed

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Subpart C

Emission and occupied bandwidth

The measurement was performed according to ANSI C63.26: 2015

Final Result

OP-Mode

Technology, Radio Technology, Operating Frequency, ChBW, Ressource Blocks, Measurement method

OP-Mode	Setup	Date	FCC	IC
LTE, CA_66B QPSK, low ch., 5 & 15 MHz, 25 & 75, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B QPSK, mid ch., 5 & 15 MHz, 25 & 75, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B QPSK, high ch., 5 & 15 MHz, 25 & 75, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 16QAM, low ch., 5 & 15 MHz, 25 & 75, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 16QAM, mid ch., 5 & 15 MHz, 25 & 75, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 16QAM, high ch., 5 & 15 MHz, 25 & 75, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 64QAM, low ch., 5 & 15 MHz, 25 & 75, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 64QAM, mid ch., 5 & 15 MHz, 25 & 75, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 64QAM, high ch., 5 & 15 MHz, 25 & 75, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B QPSK, low ch., 10 & 5 MHz, 50 & 25, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B QPSK, mid ch., 10 & 5 MHz, 50 & 25, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B QPSK, high ch., 10 & 5 MHz, 50 & 25, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 16QAM, low ch., 10 & 5 MHz, 50 & 25, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 16QAM, mid ch., 10 & 5 MHz, 50 & 25, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 16QAM, high ch., 10 & 5 MHz, 50 & 25, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 64QAM, low ch., 10 & 5 MHz, 50 & 25, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 64QAM, mid ch., 10 & 5 MHz, 50 & 25, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 64QAM, high ch., 10 & 5 MHz, 50 & 25, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B QPSK, low ch., 10 & 10 MHz, 50 & 50, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B QPSK, mid ch., 10 & 10 MHz, 50 & 50, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B QPSK, high ch., 10 & 10 MHz, 50 & 50, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 16QAM, low ch., 10 & 10 MHz, 50 & 50, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 16QAM, mid ch., 10 & 10 MHz, 50 & 50, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 16QAM, high ch., 10 & 10 MHz, 50 & 50, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 64QAM, low ch., 10 & 10 MHz, 50 & 50, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 64QAM, mid ch., 10 & 10 MHz, 50 & 50, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 64QAM, high ch., 10 & 10 MHz, 50 & 50, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B QPSK, low ch., 15 & 5 MHz, 75 & 25, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B QPSK, mid ch., 15 & 5 MHz, 75 & 25, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B QPSK, high ch., 15 & 5 MHz, 75 & 25, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 16QAM, low ch., 15 & 5 MHz, 75 & 25, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 16QAM, mid ch., 15 & 5 MHz, 75 & 25, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 16QAM, high ch., 15 & 5 MHz, 75 & 25, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 64QAM, low ch., 15 & 5 MHz, 75 & 25, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 64QAM, mid ch., 15 & 5 MHz, 75 & 25, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 64QAM, high ch., 15 & 5 MHz, 75 & 25, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66C QPSK, low ch., 5 & 20 MHz, 25 & 100, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C QPSK, mid ch., 5 & 20 MHz, 25 & 100, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C QPSK, high ch., 5 & 20 MHz, 25 & 100, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 16QAM, low ch., 5 & 20 MHz, 25 & 100, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 16QAM, mid ch., 5 & 20 MHz, 25 & 100, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 16QAM, high ch., 5 & 20 MHz, 25 & 100, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 64QAM, low ch., 5 & 20 MHz, 25 & 100, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 64QAM, mid ch., 5 & 20 MHz, 25 & 100, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 64QAM, high ch., 5 & 20 MHz, 25 & 100, cond.	S01_AF02	2020-08-01	Passed	Passed

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Subpart C

Emission and occupied bandwidth

The measurement was performed according to ANSI C63.26: 2015

Final Result

OP-Mode

Technology, Radio Technology, Operating Frequency, ChBW, Ressource Blocks, Measurement method

OP-Mode	Setup	Date	FCC	IC
LTE, CA_66C QPSK, low ch., 10 & 20 MHz, 50 & 100, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C QPSK, mid ch., 10 & 20 MHz, 50 & 100, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C QPSK, high ch., 10 & 20 MHz, 50 & 100, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 16QAM, low ch., 10 & 20 MHz, 50 & 100, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 16QAM, mid ch., 10 & 20 MHz, 50 & 100, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 16QAM, high ch., 10 & 20 MHz, 50 & 100, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 64QAM, low ch., 10 & 20 MHz, 50 & 100, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 64QAM, mid ch., 10 & 20 MHz, 50 & 100, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 64QAM, high ch., 10 & 20 MHz, 50 & 100, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C QPSK, low ch., 10 & 15 MHz, 50 & 75, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C QPSK, mid ch., 10 & 15 MHz, 50 & 75, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C QPSK, high ch., 10 & 15 MHz, 50 & 75, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 16QAM, low ch., 10 & 15 MHz, 50 & 75, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 16QAM, mid ch., 10 & 15 MHz, 50 & 75, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 16QAM, high ch., 10 & 15 MHz, 50 & 75, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 64QAM, low ch., 10 & 15 MHz, 50 & 75, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 64QAM, mid ch., 10 & 15 MHz, 50 & 75, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 64QAM, high ch., 10 & 15 MHz, 50 & 75, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C QPSK, low ch., 15 & 10 MHz, 75 & 50, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C QPSK, mid ch., 15 & 10 MHz, 75 & 50, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C QPSK, high ch., 15 & 10 MHz, 75 & 50, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 16QAM, low ch., 15 & 10 MHz, 75 & 50, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 16QAM, mid ch., 15 & 10 MHz, 75 & 50, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 16QAM, high ch., 15 & 10 MHz, 75 & 50, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 64QAM, low ch., 15 & 10 MHz, 75 & 50, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 64QAM, mid ch., 15 & 10 MHz, 75 & 50, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 64QAM, high ch., 15 & 10 MHz, 75 & 50, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C QPSK, low ch., 15 & 15 MHz, 75 & 75, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C QPSK, mid ch., 15 & 15 MHz, 75 & 75, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C QPSK, high ch., 15 & 15 MHz, 75 & 75, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 16QAM, low ch., 15 & 15 MHz, 75 & 75, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 16QAM, mid ch., 15 & 15 MHz, 75 & 75, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 16QAM, high ch., 15 & 15 MHz, 75 & 75, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 64QAM, low ch., 15 & 15 MHz, 75 & 75, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 64QAM, mid ch., 15 & 15 MHz, 75 & 75, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 64QAM, high ch., 15 & 15 MHz, 75 & 75, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C QPSK, low ch., 15 & 20 MHz, 75 & 100, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C QPSK, mid ch., 15 & 20 MHz, 75 & 100, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C QPSK, high ch., 15 & 20 MHz, 75 & 100, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 16QAM, low ch., 15 & 20 MHz, 75 & 100, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 16QAM, mid ch., 15 & 20 MHz, 75 & 100, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 16QAM, high ch., 15 & 20 MHz, 75 & 100, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 64QAM, low ch., 15 & 20 MHz, 75 & 100, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 64QAM, mid ch., 15 & 20 MHz, 75 & 100, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 64QAM, high ch., 15 & 20 MHz, 75 & 100, cond.	S01_AF02	2020-08-01	Passed	Passed

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Subpart C

Emission and occupied bandwidth

The measurement was performed according to ANSI C63.26: 2015

Final Result

OP-Mode

Technology, Radio Technology, Operating Frequency, ChBW, Ressource Blocks, Measurement method

OP-Mode	Setup	Date	FCC	IC
LTE, CA_66C QPSK, low ch., 20 & 5 MHz, 100 & 25, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C QPSK, mid ch., 20 & 5 MHz, 100 & 25, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C QPSK, high ch., 20 & 5 MHz, 100 & 25, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 16QAM, low ch., 20 & 5 MHz, 100 & 25, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 16QAM, mid ch., 20 & 5 MHz, 100 & 25, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 16QAM, high ch., 20 & 5 MHz, 100 & 25, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 64QAM, low ch., 20 & 5 MHz, 100 & 25, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 64QAM, mid ch., 20 & 5 MHz, 100 & 25, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 64QAM, high ch., 20 & 5 MHz, 100 & 25, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C QPSK, low ch., 20 & 10 MHz, 100 & 50, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C QPSK, mid ch., 20 & 10 MHz, 100 & 50, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C QPSK, high ch., 20 & 10 MHz, 100 & 50, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 16QAM, low ch., 20 & 10 MHz, 100 & 50, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 16QAM, mid ch., 20 & 10 MHz, 100 & 50, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 16QAM, high ch., 20 & 10 MHz, 100 & 50, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 64QAM, low ch., 20 & 10 MHz, 100 & 50, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 64QAM, mid ch., 20 & 10 MHz, 100 & 50, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 64QAM, high ch., 20 & 10 MHz, 100 & 50, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C QPSK, low ch., 20 & 15 MHz, 100 & 75, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C QPSK, mid ch., 20 & 15 MHz, 100 & 75, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C QPSK, high ch., 20 & 15 MHz, 100 & 75, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 16QAM, low ch., 20 & 15 MHz, 100 & 75, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 16QAM, mid ch., 20 & 15 MHz, 100 & 75, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 16QAM, high ch., 20 & 15 MHz, 100 & 75, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 64QAM, low ch., 20 & 15 MHz, 100 & 75, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 64QAM, mid ch., 20 & 15 MHz, 100 & 75, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 64QAM, high ch., 20 & 15 MHz, 100 & 75, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C QPSK, low ch., 20 & 20 MHz, 100 & 100, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C QPSK, mid ch., 20 & 20 MHz, 100 & 100, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C QPSK, high ch., 20 & 20 MHz, 100 & 100, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 16QAM, low ch., 20 & 20 MHz, 100 & 100, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 16QAM, mid ch., 20 & 20 MHz, 100 & 100, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 16QAM, high ch., 20 & 20 MHz, 100 & 100, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 64QAM, low ch., 20 & 20 MHz, 100 & 100, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 64QAM, mid ch., 20 & 20 MHz, 100 & 100, cond.	S01_AF02	2020-08-01	Passed	Passed
LTE, CA_66C 64QAM, high ch., 20 & 20 MHz, 100 & 100, cond.	S01_AF02	2020-08-01	Passed	Passed

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Subpart C

Band edge compliance

The measurement was performed according to ANSI C63.26: 2015

Final Result

OP-Mode

Technology, Radio Technology, Operating Frequency, ChBW, Ressource Blocks, Measurement method

OP-Mode	Setup	Date	FCC	IC
LTE, eFDD 4 16QAM, high channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 16QAM, low channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 64QAM, high channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 4 64QAM, low channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 4 QPSK, high channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 QPSK, low channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 16QAM, high channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 16QAM, low channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 64QAM, high channel, 3 MHz, 15, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 4 64QAM, low channel, 3 MHz, 15, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 4 QPSK, high channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 QPSK, low channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 16QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 16QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 64QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 4 64QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 4 QPSK, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 QPSK, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 16QAM, high channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 16QAM, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 64QAM, high channel, 10 MHz, 50, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 4 64QAM, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 4 QPSK, high channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 QPSK, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 16QAM, high channel, 15 MHz, 75, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 16QAM, low channel, 15 MHz, 75, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 64QAM, high channel, 15 MHz, 75, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 4 64QAM, low channel, 15 MHz, 75, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 4 QPSK, high channel, 15 MHz, 75, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 QPSK, low channel, 15 MHz, 75, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 16QAM, high channel, 20 MHz, 100, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 16QAM, low channel, 20 MHz, 100, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 64QAM, high channel, 20 MHz, 100, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 4 64QAM, low channel, 20 MHz, 100, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 4 QPSK, high channel, 20 MHz, 100, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 4 QPSK, low channel, 20 MHz, 100, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 16QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 16QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 64QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 7 64QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 7 QPSK, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 QPSK, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 16QAM, high channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 16QAM, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 64QAM, high channel, 10 MHz, 50, conducted	S01_AA01	2020-05-23	Passed	Passed

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Subpart C

Band edge compliance

The measurement was performed according to ANSI C63.26: 2015

Final Result

OP-Mode

Technology, Radio Technology, Operating Frequency, ChBW, Ressource Blocks, Measurement method

OP-Mode	Setup	Date	FCC	IC
LTE, eFDD 7 64QAM, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 7 QPSK, high channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 QPSK, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 16QAM, high channel, 15 MHz, 75, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 16QAM, low channel, 15 MHz, 75, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 64QAM, high channel, 15 MHz, 75, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 7 64QAM, low channel, 15 MHz, 75, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 7 QPSK, high channel, 15 MHz, 75, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 QPSK, low channel, 15 MHz, 75, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 16QAM, high channel, 20 MHz, 100, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 16QAM, low channel, 20 MHz, 100, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 64QAM, high channel, 20 MHz, 100, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 7 64QAM, low channel, 20 MHz, 100, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 7 QPSK, high channel, 20 MHz, 100, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 7 QPSK, low channel, 20 MHz, 100, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 16QAM, high channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 16QAM, low channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 64QAM, high channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 12 64QAM, low channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 12 QPSK, high channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 QPSK, low channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 16QAM, high channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 16QAM, low channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 64QAM, high channel, 3 MHz, 15, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 12 64QAM, low channel, 3 MHz, 15, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 12 QPSK, high channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 QPSK, low channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 16QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 16QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 64QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 12 64QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 12 QPSK, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 QPSK, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 16QAM, high channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 16QAM, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 64QAM, high channel, 10 MHz, 50, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 12 64QAM, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 12 QPSK, high channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 12 QPSK, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 13 16QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-25	Passed	Passed
LTE, eFDD 13 16QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-25	Passed	Passed
LTE, eFDD 13 64QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-25	Passed	Passed
LTE, eFDD 13 64QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-25	Passed	Passed
LTE, eFDD 13 QPSK, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-25	Passed	Passed
LTE, eFDD 13 QPSK, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-25	Passed	Passed

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Subpart C

Band edge compliance

The measurement was performed according to ANSI C63.26: 2015

Final Result

OP-Mode

Technology, Radio Technology, Operating Frequency, ChBW, Ressource Blocks, Measurement method

OP-Mode	Setup	Date	FCC	IC
LTE, eFDD 13 16QAM, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-25	Passed	Passed
LTE, eFDD 13 64QAM, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-25	Passed	Passed
LTE, eFDD 13 QPSK, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-25	Passed	Passed
LTE, eFDD 13 16QAM, high channel, 10 MHz, 50, conducted	S01_AA01	2020-05-25	Passed	Passed
LTE, eFDD 13 64QAM, high channel, 10 MHz, 50, conducted	S01_AA01	2020-05-25	Passed	Passed
LTE, eFDD 13 QPSK, high channel, 10 MHz, 50, conducted	S01_AA01	2020-05-25	Passed	Passed
LTE, eFDD 17 16QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-25	Passed	Passed
LTE, eFDD 17 16QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-25	Passed	Passed
LTE, eFDD 17 64QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-25	Passed	Passed
LTE, eFDD 17 64QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-25	Passed	Passed
LTE, eFDD 17 QPSK, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-25	Passed	Passed
LTE, eFDD 17 QPSK, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-25	Passed	Passed
LTE, eFDD 17 16QAM, high channel, 10 MHz, 50, conducted	S01_AA01	2020-05-25	Passed	Passed
LTE, eFDD 17 16QAM, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-25	Passed	Passed
LTE, eFDD 17 64QAM, high channel, 10 MHz, 50, conducted	S01_AA01	2020-05-25	Passed	Passed
LTE, eFDD 17 64QAM, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-25	Passed	Passed
LTE, eFDD 17 QPSK, high channel, 10 MHz, 50, conducted	S01_AA01	2020-05-25	Passed	Passed
LTE, eFDD 17 QPSK, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-25	Passed	Passed
LTE, eTDD 38 16QAM, high channel, 5 MHz, 25, conducted	S01_AJ06	2020-10-02	Passed	Passed
LTE, eTDD 38 16QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-08-06	Passed	Passed
LTE, eTDD 38 64QAM, high channel, 5 MHz, 25, conducted	S01_AJ06	2020-10-02	Passed	Passed
LTE, eTDD 38 64QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-08-06	Passed	Passed
LTE, eTDD 38 QPSK, high channel, 5 MHz, 25, conducted	S01_AJ06	2020-10-02	Passed	Passed
LTE, eTDD 38 QPSK, low channel, 5 MHz, 25, conducted	S01_AJ06	2020-10-02	Passed	Passed
LTE, eTDD 38 16QAM, high channel, 10 MHz, 50, conducted	S01_AJ06	2020-10-02	Passed	Passed
LTE, eTDD 38 16QAM, low channel, 10 MHz, 50, conducted	S01_AA01	2020-08-06	Passed	Passed
LTE, eTDD 38 64QAM, high channel, 10 MHz, 50, conducted	S01_AJ06	2020-10-02	Passed	Passed
LTE, eTDD 38 64QAM, low channel, 10 MHz, 50, conducted	S01_AA01	2020-08-06	Passed	Passed
LTE, eTDD 38 QPSK, high channel, 10 MHz, 50, conducted	S01_AJ06	2020-10-02	Passed	Passed
LTE, eTDD 38 QPSK, low channel, 10 MHz, 50, conducted	S01_AA01	2020-08-06	Passed	Passed
LTE, eTDD 38 16QAM, high channel, 15 MHz, 75, conducted	S01_AJ06	2020-10-02	Passed	Passed
LTE, eTDD 38 16QAM, low channel, 15 MHz, 75, conducted	S01_AA01	2020-08-06	Passed	Passed
LTE, eTDD 38 64QAM, high channel, 15 MHz, 75, conducted	S01_AJ06	2020-10-02	Passed	Passed
LTE, eTDD 38 64QAM, low channel, 15 MHz, 75, conducted	S01_AA01	2020-08-06	Passed	Passed
LTE, eTDD 38 QPSK, high channel, 15 MHz, 75, conducted	S01_AJ06	2020-10-02	Passed	Passed
LTE, eTDD 38 QPSK, low channel, 15 MHz, 75, conducted	S01_AA01	2020-08-06	Passed	Passed
LTE, eTDD 38 16QAM, high channel, 20 MHz, 100, conducted	S01_AJ06	2020-10-02	Passed	Passed
LTE, eTDD 38 16QAM, low channel, 20 MHz, 100, conducted	S01_AJ06	2020-10-02	Passed	Passed
LTE, eTDD 38 64QAM, high channel, 20 MHz, 100, conducted	S01_AJ06	2020-10-02	Passed	Passed
LTE, eTDD 38 64QAM, low channel, 20 MHz, 100, conducted	S01_AJ06	2020-10-02	Passed	Passed
LTE, eTDD 38 QPSK, high channel, 20 MHz, 100, conducted	S01_AJ06	2020-10-02	Passed	Passed
LTE, eTDD 38 QPSK, low channel, 20 MHz, 100, conducted	S01_AA01	2020-08-06	Passed	Passed
LTE, eTDD 41 16QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eTDD 41 16QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eTDD 41 64QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-27	Passed	Passed

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Subpart C

Band edge compliance

The measurement was performed according to ANSI C63.26: 2015

Final Result

OP-Mode

Technology, Radio Technology, Operating Frequency, ChBW, Ressource Blocks, Measurement method

OP-Mode	Setup	Date	FCC	IC
LTE, eTDD 41 64QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eTDD 41 QPSK, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eTDD 41 QPSK, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eTDD 41 16QAM, high channel, 10 MHz, 50, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eTDD 41 16QAM, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eTDD 41 64QAM, high channel, 10 MHz, 50, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eTDD 41 64QAM, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eTDD 41 QPSK, high channel, 10 MHz, 50, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eTDD 41 QPSK, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eTDD 41 16QAM, high channel, 15 MHz, 75, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eTDD 41 16QAM, low channel, 15 MHz, 75, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eTDD 41 64QAM, high channel, 15 MHz, 75, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eTDD 41 64QAM, low channel, 15 MHz, 75, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eTDD 41 QPSK, high channel, 15 MHz, 75, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eTDD 41 QPSK, low channel, 15 MHz, 75, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eTDD 41 16QAM, high channel, 20 MHz, 100, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eTDD 41 16QAM, low channel, 20 MHz, 100, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eTDD 41 64QAM, high channel, 20 MHz, 100, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eTDD 41 64QAM, low channel, 20 MHz, 100, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eTDD 41 QPSK, high channel, 20 MHz, 100, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eTDD 41 QPSK, low channel, 20 MHz, 100, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 66 16QAM, high channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 66 16QAM, low channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 66 64QAM, high channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 66 64QAM, low channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 66 QPSK, high channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 66 QPSK, low channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 66 16QAM, high channel, 3 MHz, 15, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 66 16QAM, low channel, 3 MHz, 15, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 66 64QAM, high channel, 3 MHz, 15, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 66 64QAM, low channel, 3 MHz, 15, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 66 QPSK, high channel, 3 MHz, 15, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 66 QPSK, low channel, 3 MHz, 15, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 66 16QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 66 16QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 66 64QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 66 64QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 66 QPSK, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 66 QPSK, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 66 16QAM, high channel, 10 MHz, 50, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 66 16QAM, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 66 64QAM, high channel, 10 MHz, 50, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 66 64QAM, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 66 QPSK, high channel, 10 MHz, 50, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 66 QPSK, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-23	Passed	Passed

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Subpart C

Band edge compliance

The measurement was performed according to ANSI C63.26: 2015

Final Result

OP-Mode

Technology, Radio Technology, Operating Frequency, ChBW, Ressource Blocks, Measurement method

OP-Mode	Setup	Date	FCC	IC
LTE, eFDD 66 16QAM, high channel, 15 MHz, 75, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 66 16QAM, low channel, 15 MHz, 75, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 66 64QAM, high channel, 15 MHz, 75, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 66 64QAM, low channel, 15 MHz, 75, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 66 QPSK, high channel, 15 MHz, 75, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 66 QPSK, low channel, 15 MHz, 75, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 66 16QAM, high channel, 20 MHz, 100, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 66 16QAM, low channel, 20 MHz, 100, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 66 64QAM, high channel, 20 MHz, 100, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 66 64QAM, low channel, 20 MHz, 100, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 66 QPSK, high channel, 20 MHz, 100, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 66 QPSK, low channel, 20 MHz, 100, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 71 16QAM, high channel, 5 MHz, 25, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 16QAM, low channel, 5 MHz, 25, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 64QAM, high channel, 5 MHz, 25, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 64QAM, low channel, 5 MHz, 25, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 QPSK, high channel, 5 MHz, 25, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 QPSK, low channel, 5 MHz, 25, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 16QAM, high channel, 10 MHz, 50, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 16QAM, low channel, 10 MHz, 50, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 64QAM, high channel, 10 MHz, 50, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 64QAM, low channel, 10 MHz, 50, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 QPSK, high channel, 10 MHz, 50, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 QPSK, low channel, 10 MHz, 50, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 16QAM, high channel, 15 MHz, 75, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 16QAM, low channel, 15 MHz, 75, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 64QAM, high channel, 15 MHz, 75, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 64QAM, low channel, 15 MHz, 75, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 QPSK, high channel, 15 MHz, 75, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 QPSK, low channel, 15 MHz, 75, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 16QAM, high channel, 20 MHz, 100, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 16QAM, low channel, 20 MHz, 100, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 64QAM, high channel, 20 MHz, 100, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 64QAM, low channel, 20 MHz, 100, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 QPSK, high channel, 20 MHz, 100, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, eFDD 71 QPSK, low channel, 20 MHz, 100, conducted	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_7C QPSK, low, 15 MHz & 15 MHz, 75 & 75, cond.	S01_AF02	2020-07-04	Passed	Passed
LTE, CA_7C QPSK, high, 15 MHz & 15 MHz, 75 & 75, cond.	S01_AF02	2020-07-04	Passed	Passed
LTE, CA_7C QPSK, low, 20 MHz & 15 MHz, 100 & 75, cond.	S01_AJ04	2020-08-25	Passed	Passed
LTE, CA_7C QPSK, high, 20 MHz & 15 MHz, 100 & 75, cond.	S01_AJ04	2020-08-25	Passed	Passed
LTE, CA_7C 16QAM, low, 20 MHz & 20 MHz, 100 & 100, cond.	S01_AJ04	2020-08-25	Passed	Passed
LTE, CA_7C 16QAM, high, 20 MHz & 20 MHz, 100 & 100, cond.	S01_AJ04	2020-08-25	Passed	Passed
LTE, CA_7C 64QAM, low, 20 MHz & 15 MHz, 100 & 75, cond.	S01_AJ04	2020-08-25	Passed	Passed
LTE, CA_7C 64QAM, high, 20 MHz & 15 MHz, 100 & 75, cond.	S01_AJ06	2020-10-20	Passed	Passed
LTE, CA_7C 256QAM, low, 20 MHz & 20 MHz, 100 & 100, cond.	S01_AJ04	2020-08-25	Passed	Passed

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Subpart C

Band edge compliance

The measurement was performed according to ANSI C63.26: 2015

Final Result

OP-Mode

Technology, Radio Technology, Operating Frequency, ChBW, Ressource Blocks, Measurement method

OP-Mode	Setup	Date	FCC	IC
LTE, CA_7C 256QAM, high, 20 MHz & 20 MHz, 100 & 100, cond.	S01_AJ04	2020-08-25	Passed	Passed
LTE, CA_38C QPSK, low, 15 MHz & 15 MHz, 75 & 75, cond.	S01_AJ04	2020-08-25	Passed	Passed
LTE, CA_38C QPSK, high, 15 MHz & 15 MHz, 75 & 75, cond.	S01_AJ04	2020-08-25	Passed	Passed
LTE, CA_38C 16QAM, low, 15 MHz & 15 MHz, 75 & 75, cond.	S01_AJ04	2020-08-25	Passed	Passed
LTE, CA_38C 16QAM, high, 15 MHz & 15 MHz, 75 & 75, cond.	S01_AJ04	2020-08-25	Passed	Passed
LTE, CA_38C 64QAM, low, 20 MHz & 20 MHz, 100 & 100, cond.	S01_AJ04	2020-08-25	Passed	Passed
LTE, CA_38C 64QAM, high, 20 MHz & 20 MHz, 100 & 100, cond.	S01_AJ04	2020-08-25	Passed	Passed
LTE, CA_38C 256QAM, low, 15 MHz & 15 MHz, 75 & 75, cond.	S01_AJ04	2020-08-25	Passed	Passed
LTE, CA_38C 256QAM, high, 15 MHz & 15 MHz, 75 & 75, cond.	S01_AJ04	2020-08-25	Passed	Passed
LTE, CA_41C QPSK, low, 20 MHz & 15 MHz, 100 & 75, cond.	S01_AJ04	2020-08-25	Passed	Passed
LTE, CA_41C QPSK, high, 20 MHz & 15 MHz, 100 & 75, cond.	S01_AJ04	2020-08-25	Passed	Passed
LTE, CA_41C 16QAM, low, 20 MHz & 5 MHz, 100 & 25, cond.	S01_AJ04	2020-08-25	Passed	Passed
LTE, CA_41C 16QAM, high, 20 MHz & 5 MHz, 100 & 25, cond.	S01_AJ06	2020-10-20	Passed	Passed
LTE, CA_41C 64QAM, low, 20 MHz & 20 MHz, 100 & 100, cond.	S01_AJ04	2020-08-25	Passed	Passed
LTE, CA_41C 64QAM, high, 20 MHz & 20 MHz, 100 & 100, cond.	S01_AJ04	2020-08-25	Passed	Passed
LTE, CA_41C 256QAM, low, 10 MHz & 15 MHz, 100 & 100, cond.	S01_AJ04	2020-08-25	Passed	Passed
LTE, CA_41C 256QAM, high, 10 MHz & 15 MHz, 100 & 100, cond.	S01_AJ04	2020-08-25	Passed	Passed
LTE, CA_66B QPSK, low, 10 MHz & 10 MHz, 50 & 50, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B QPSK, high, 10 MHz & 10 MHz, 50 & 50, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 16QAM, low, 10 MHz & 10 MHz, 50 & 50, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 16QAM, high, 10 MHz & 10 MHz, 50 & 50, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 64QAM, low, 10 MHz & 10 MHz, 50 & 50, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 64QAM, high, 10 MHz & 10 MHz, 50 & 50, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 256QAM, low, 10 MHz & 10 MHz, 50 & 50, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66B 256QAM, high, 10 MHz & 10 MHz, 50 & 50, cond.	S01_BP14	2020-11-09	Passed	Passed
LTE, CA_66C QPSK, low, 15 MHz & 15 MHz, 75 & 75, cond.	S01_AJ04	2020-08-25	Passed	Passed
LTE, CA_66C QPSK, high, 15 MHz & 15 MHz, 75 & 75, cond.	S01_AJ04	2020-08-25	Passed	Passed
LTE, CA_66C 16QAM, low, 15 MHz & 15 MHz, 75 & 75, cond.	S01_AJ04	2020-08-25	Passed	Passed
LTE, CA_66C 16QAM, high, 15 MHz & 15 MHz, 75 & 75, cond.	S01_AJ04	2020-08-25	Passed	Passed
LTE, CA_66C 64QAM, low, 15 MHz & 15 MHz, 75 & 75, cond.	S01_AJ04	2020-08-25	Passed	Passed
LTE, CA_66C 64QAM, high, 15 MHz & 15 MHz, 75 & 75, cond.	S01_AJ04	2020-08-25	Passed	Passed
LTE, CA_66C 256QAM, low, 15 MHz & 15 MHz, 75 & 75, cond.	S01_AJ04	2020-08-25	Passed	Passed
LTE, CA_66C 256QAM, high, 15 MHz & 15 MHz, 75 & 75, cond.	S01_AJ04	2020-08-25	Passed	Passed

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Subpart C

Peak to Average Ratio

The measurement was performed according to ANSI C63.26: 2015

Final Result

OP-Mode

Technology, Radio Technology, Operating Frequency, ChBW, Ressource Blocks, Measurement method

OP-Mode	Setup	Date	FCC	IC
LTE, eFDD 4 16QAM, high channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 4 16QAM, low channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed

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Subpart C

Peak to Average Ratio

The measurement was performed according to ANSI C63.26: 2015

Final Result

OP-Mode

Technology, Radio Technology, Operating Frequency, ChBW, Ressource Blocks, Measurement method

OP-Mode	Setup	Date	FCC	IC
LTE, eFDD 4 16QAM, mid channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 4 64QAM, high channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 4 64QAM, low channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 4 64QAM, mid channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 4 QPSK, high channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 4 QPSK, low channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 4 QPSK, mid channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 7 16QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 7 16QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 7 16QAM, mid channel, 5 MHz, 25, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 7 64QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 7 64QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 7 64QAM, mid channel, 5 MHz, 25, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 7 QPSK, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 7 QPSK, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 7 QPSK, mid channel, 5 MHz, 25, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 12 16QAM, high channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 12 16QAM, low channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 12 16QAM, mid channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 12 64QAM, high channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 12 64QAM, low channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 12 64QAM, mid channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 12 QPSK, high channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 12 QPSK, low channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 12 QPSK, mid channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 13 16QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 13 16QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 13 16QAM, mid channel, 5 MHz, 25, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 13 64QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 13 64QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 13 64QAM, mid channel, 5 MHz, 25, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 13 QPSK, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 13 QPSK, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 13 QPSK, mid channel, 5 MHz, 25, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 17 16QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 17 16QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 17 16QAM, mid channel, 5 MHz, 25, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 17 64QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 17 64QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 17 64QAM, mid channel, 5 MHz, 25, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 17 QPSK, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 17 QPSK, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 17 QPSK, mid channel, 5 MHz, 25, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eTDD 38 16QAM, high channel, 5 MHz, 25, conducted	S01_AF02	2020-07-18	Passed	Passed
LTE, eTDD 38 16QAM, low channel, 5 MHz, 25, conducted	S01_AF02	2020-07-18	Passed	Passed

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Subpart C

Peak to Average Ratio

The measurement was performed according to ANSI C63.26: 2015

Final Result
OP-Mode

Technology, Radio Technology, Operating Frequency, ChBW, Ressource Blocks, Measurement method

Setup
Date
FCC
IC

LTE, eTDD 38 16QAM, mid channel, 5 MHz, 25, conducted	S01_AF02	2020-07-18	Passed	Passed
LTE, eTDD 38 64QAM, high channel, 5 MHz, 25, conducted	S01_AF02	2020-07-18	Passed	Passed
LTE, eTDD 38 64QAM, low channel, 5 MHz, 25, conducted	S01_AF02	2020-07-18	Passed	Passed
LTE, eTDD 38 64QAM, mid channel, 5 MHz, 25, conducted	S01_AF02	2020-07-18	Passed	Passed
LTE, eTDD 38 QPSK, high channel, 5 MHz, 25, conducted	S01_AF02	2020-07-18	Passed	Passed
LTE, eTDD 38 QPSK, low channel, 5 MHz, 25, conducted	S01_AF02	2020-07-18	Passed	Passed
LTE, eTDD 38 QPSK, mid channel, 5 MHz, 25, conducted	S01_AF02	2020-07-18	Passed	Passed
LTE, eTDD 41 16QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 16QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 16QAM, mid channel, 5 MHz, 25, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 64QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 64QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 64QAM, mid channel, 5 MHz, 25, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 QPSK, high channel, 5 MHz, 25, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 QPSK, low channel, 5 MHz, 25, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eTDD 41 QPSK, mid channel, 5 MHz, 25, conducted	S01_AA01	2020-06-02	Passed	Passed
LTE, eFDD 66 16QAM, high channel, 1.4 MHz, 6, conducted	S01_AJ06	2020-10-08	Passed	Passed
LTE, eFDD 66 16QAM, low channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 66 16QAM, mid channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 66 64QAM, high channel, 1.4 MHz, 6, conducted	S01_AJ06	2020-10-08	Passed	Passed
LTE, eFDD 66 64QAM, low channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 66 64QAM, mid channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 66 QPSK, high channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 66 QPSK, low channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 66 QPSK, mid channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 71 16QAM, high channel, 5 MHz, 25, conducted	S01_BP14	2020-11-11	Passed	Passed
LTE, eFDD 71 16QAM, low channel, 5 MHz, 25, conducted	S01_BP14	2020-11-11	Passed	Passed
LTE, eFDD 71 16QAM, mid channel, 5 MHz, 25, conducted	S01_BP14	2020-11-11	Passed	Passed
LTE, eFDD 71 64QAM, high channel, 5 MHz, 25, conducted	S01_BP14	2020-11-11	Passed	Passed
LTE, eFDD 71 64QAM, low channel, 5 MHz, 25, conducted	S01_BP14	2020-11-11	Passed	Passed
LTE, eFDD 71 64QAM, mid channel, 5 MHz, 25, conducted	S01_BP14	2020-11-11	Passed	Passed
LTE, eFDD 71 QPSK, high channel, 5 MHz, 25, conducted	S01_BP14	2020-11-11	Passed	Passed
LTE, eFDD 71 QPSK, low channel, 5 MHz, 25, conducted	S01_BP14	2020-11-11	Passed	Passed
LTE, eFDD 71 QPSK, mid channel, 5 MHz, 25, conducted	S01_BP14	2020-11-11	Passed	Passed

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Subpart S

RF Output Power

The measurement was performed according to ANSI C63.26: 2015

Final Result
OP-Mode

Technology, Radio Technology, Operating Frequency, ChBW, Ressource Blocks, Measurement method

Setup
Date
FCC
IC

LTE, eFDD 26 16QAM, high channel, 1.4 MHz, 1, conducted	S01_AA01	2020-05-29	Passed	Passed
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Subpart S

RF Output Power

The measurement was performed according to ANSI C63.26: 2015

Final Result

OP-Mode

Technology, Radio Technology, Operating Frequency, ChBW, Ressource Blocks, Measurement method

OP-Mode	Setup	Date	FCC	IC
LTE, eFDD 26 16QAM, high channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 16QAM, low channel, 1.4 MHz, 1, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 16QAM, low channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 16QAM, mid channel, 1.4 MHz, 1, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 16QAM, mid channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 64QAM, high channel, 1.4 MHz, 1, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 64QAM, high channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 64QAM, low channel, 1.4 MHz, 1, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 64QAM, low channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 64QAM, mid channel, 1.4 MHz, 1, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 64QAM, mid channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 256QAM, high channel, 1.4 MHz, 1, conducted	S01_AF02	2020-07-04	Passed	Passed
LTE, eFDD 26 256QAM, high channel, 1.4 MHz, 6, conducted	S01_AF02	2020-07-04	Passed	Passed
LTE, eFDD 26 256QAM, low channel, 1.4 MHz, 1, conducted	S01_AF02	2020-07-04	Passed	Passed
LTE, eFDD 26 256QAM, low channel, 1.4 MHz, 6, conducted	S01_AF02	2020-07-04	Passed	Passed
LTE, eFDD 26 256QAM, mid channel, 1.4 MHz, 1, conducted	S01_AF02	2020-07-04	Passed	Passed
LTE, eFDD 26 256QAM, mid channel, 1.4 MHz, 6, conducted	S01_AF02	2020-07-04	Passed	Passed
LTE, eFDD 26 QPSK, high channel, 1.4 MHz, 1, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 QPSK, high channel, 1.4 MHz, 3, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 QPSK, high channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 QPSK, low channel, 1.4 MHz, 1, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 QPSK, low channel, 1.4 MHz, 3, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 QPSK, low channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 QPSK, mid channel, 1.4 MHz, 1, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 QPSK, mid channel, 1.4 MHz, 3, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 QPSK, mid channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 16QAM, high channel, 3 MHz, 1, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 16QAM, high channel, 3 MHz, 15, conducted	S01_AJ06	2020-09-24	Passed	Passed
LTE, eFDD 26 16QAM, low channel, 3 MHz, 1, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 16QAM, low channel, 3 MHz, 15, conducted	S01_AJ06	2020-09-24	Passed	Passed
LTE, eFDD 26 16QAM, mid channel, 3 MHz, 1, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 16QAM, mid channel, 3 MHz, 15, conducted	S01_AJ06	2020-09-24	Passed	Passed
LTE, eFDD 26 64QAM, high channel, 3 MHz, 1, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 64QAM, high channel, 3 MHz, 15, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 64QAM, low channel, 3 MHz, 1, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 64QAM, low channel, 3 MHz, 15, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 64QAM, mid channel, 3 MHz, 1, conducted	S01_AJ06	2020-09-24	Passed	Passed
LTE, eFDD 26 64QAM, mid channel, 3 MHz, 15, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 256QAM, high channel, 3 MHz, 1, conducted	S01_AF02	2020-07-04	Passed	Passed
LTE, eFDD 26 256QAM, high channel, 3 MHz, 15, conducted	S01_AF02	2020-07-04	Passed	Passed
LTE, eFDD 26 256QAM, low channel, 3 MHz, 1, conducted	S01_AF02	2020-07-04	Passed	Passed
LTE, eFDD 26 256QAM, low channel, 3 MHz, 15, conducted	S01_AF02	2020-07-04	Passed	Passed
LTE, eFDD 26 256QAM, mid channel, 3 MHz, 1, conducted	S01_AF02	2020-07-04	Passed	Passed
LTE, eFDD 26 256QAM, mid channel, 3 MHz, 15, conducted	S01_AJ06	2020-09-24	Passed	Passed
LTE, eFDD 26 QPSK, high channel, 3 MHz, 1, conducted	S01_AA01	2020-05-29	Passed	Passed

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Subpart S

RF Output Power

The measurement was performed according to ANSI C63.26: 2015

Final Result

OP-Mode

Technology, Radio Technology, Operating Frequency, ChBW, Ressource Blocks, Measurement method

OP-Mode	Setup	Date	FCC	IC
LTE, eFDD 26 QPSK, high channel, 3 MHz, 15, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 QPSK, low channel, 3 MHz, 1, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 QPSK, low channel, 3 MHz, 15, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 QPSK, mid channel, 3 MHz, 1, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 QPSK, mid channel, 3 MHz, 15, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 16QAM, high channel, 5 MHz, 1, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 16QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 16QAM, low channel, 5 MHz, 1, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 16QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 16QAM, mid channel, 5 MHz, 1, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 16QAM, mid channel, 5 MHz, 25, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 64QAM, high channel, 5 MHz, 1, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 64QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 64QAM, low channel, 5 MHz, 1, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 64QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 64QAM, mid channel, 5 MHz, 1, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 64QAM, mid channel, 5 MHz, 25, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 256QAM, high channel, 5 MHz, 1, conducted	S01_AF02	2020-07-04	Passed	Passed
LTE, eFDD 26 256QAM, high channel, 5 MHz, 25, conducted	S01_AF02	2020-07-04	Passed	Passed
LTE, eFDD 26 256QAM, low channel, 5 MHz, 1, conducted	S01_AF02	2020-07-04	Passed	Passed
LTE, eFDD 26 256QAM, low channel, 5 MHz, 25, conducted	S01_AF02	2020-07-04	Passed	Passed
LTE, eFDD 26 256QAM, mid channel, 5 MHz, 1, conducted	S01_AF02	2020-07-04	Passed	Passed
LTE, eFDD 26 256QAM, mid channel, 5 MHz, 25, conducted	S01_AF02	2020-07-04	Passed	Passed
LTE, eFDD 26 QPSK, high channel, 5 MHz, 1, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 QPSK, high channel, 5 MHz, 12, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 QPSK, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 QPSK, low channel, 5 MHz, 1, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 QPSK, low channel, 5 MHz, 12, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 QPSK, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 QPSK, mid channel, 5 MHz, 1, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 QPSK, mid channel, 5 MHz, 12, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 QPSK, mid channel, 5 MHz, 25, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 16QAM, mid channel, 10 MHz, 1, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 16QAM, mid channel, 10 MHz, 50, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 64QAM, mid channel, 10 MHz, 1, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 64QAM, mid channel, 10 MHz, 50, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 256QAM, mid channel, 10 MHz, 1, conducted	S01_AJ06	2020-09-24	Passed	Passed
LTE, eFDD 26 256QAM, mid channel, 10 MHz, 50, conducted	S01_AJ06	2020-09-24	Passed	Passed
LTE, eFDD 26 QPSK, mid channel, 10 MHz, 1, conducted	S01_AA01	2020-05-29	Passed	Passed
LTE, eFDD 26 QPSK, mid channel, 10 MHz, 50, conducted	S01_AA01	2020-05-29	Passed	Passed

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Subpart S

Frequency Stability

The measurement was performed according to ANSI C63.26: 2015

Final Result

OP-Mode

Technology, Radio Technology, Operating Frequency, ChBW, Ressource Blocks, Measurement method

LTE, eFDD 26 QPSK, mid channel, 5 MHz, 1, conducted

Setup

S01_AA01

Date

2020-05-30

FCC

Passed

IC

Passed

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Subpart S

Spurious Emissions at antenna terminals

The measurement was performed according to ANSI C63.26: 2015

Final Result

OP-Mode

Technology, Radio Technology, Operating Frequency, ChBW, Ressource Blocks, Measurement method

LTE, eFDD 26 QPSK, high channel, 5 MHz, 1, conducted

LTE, eFDD 26 QPSK, low channel, 5 MHz, 1, conducted

LTE, eFDD 26 QPSK, mid channel, 5 MHz, 1, conducted

Setup

S01_AJ06

S01_AJ06

S01_AJ06

Date

2020-10-06

2020-10-06

2020-10-06

FCC

Passed

Passed

Passed

IC

Passed

Passed

Passed

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Subpart S

Field strength of spurious radiation

The measurement was performed according to ANSI C63.26: 2015

Final Result

OP-Mode

Technology, Radio Technology, Operating Frequency, ChBW, Ressource Blocks, Measurement method

LTE, eFDD 26 QPSK, high channel, 5 MHz, 1, conducted

LTE, eFDD 26 QPSK, low channel, 5 MHz, 1, conducted

LTE, eFDD 26 QPSK, mid channel, 5 MHz, 1, conducted

Setup

S01_AA01

S01_AA01

S01_AA01

Date

2020-06-03

2020-06-03

2020-06-03

FCC

Passed

Passed

Passed

IC

Passed

Passed

Passed

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Subpart S

Emission and Occupied Bandwidth

The measurement was performed according to ANSI C63.26: 2015

Final Result

OP-Mode

Technology, Radio Technology, Operating Frequency, ChBW, Ressource Blocks, Measurement method

LTE, eFDD 26 16QAM, high channel, 1.4 MHz, 6, conducted

LTE, eFDD 26 16QAM, low channel, 1.4 MHz, 6, conducted

LTE, eFDD 26 16QAM, mid channel, 1.4 MHz, 6, conducted

LTE, eFDD 26 64QAM, high channel, 1.4 MHz, 6, conducted

LTE, eFDD 26 64QAM, low channel, 1.4 MHz, 6, conducted

LTE, eFDD 26 64QAM, mid channel, 1.4 MHz, 6, conducted

LTE, eFDD 26 QPSK, high channel, 1.4 MHz, 6, conducted

LTE, eFDD 26 QPSK, low channel, 1.4 MHz, 6, conducted

LTE, eFDD 26 QPSK, mid channel, 1.4 MHz, 6, conducted

Setup

S01_AA01

S01_AA01

S01_AA01

S01_AA01

S01_AA01

S01_AA01

S01_AA01

S01_AA01

S01_AA01

Date

2020-05-21

2020-05-21

2020-05-21

2020-05-23

2020-05-23

2020-05-23

2020-05-21

2020-05-21

2020-05-21

FCC

Passed

Passed

Passed

Passed

Passed

Passed

Passed

Passed

Passed

IC

Passed

Passed

Passed

Passed

Passed

Passed

Passed

Passed

Passed

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§ 2.1049

Subpart S

Emission and Occupied Bandwidth

The measurement was performed according to ANSI C63.26: 2015

Final Result

OP-Mode

Technology, Radio Technology, Operating Frequency, ChBW, Ressource Blocks, Measurement method

OP-Mode	Setup	Date	FCC	IC
LTE, eFDD 26 16QAM, high channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 26 16QAM, low channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 26 16QAM, mid channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 26 64QAM, high channel, 3 MHz, 15, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 26 64QAM, low channel, 3 MHz, 15, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 26 64QAM, mid channel, 3 MHz, 15, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 26 QPSK, high channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 26 QPSK, low channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 26 QPSK, mid channel, 3 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 26 16QAM, high channel, 5 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 26 16QAM, low channel, 5 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 26 16QAM, mid channel, 5 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 26 64QAM, high channel, 5 MHz, 15, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 26 64QAM, low channel, 5 MHz, 15, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 26 64QAM, mid channel, 5 MHz, 15, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 26 QPSK, high channel, 5 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 26 QPSK, low channel, 5 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 26 QPSK, mid channel, 5 MHz, 15, conducted	S01_AA01	2020-05-21	Passed	Passed
LTE, eFDD 26 16QAM, high channel, 10 MHz, 50, conducted	S01_AJ06	2020-10-06	Passed	Passed
LTE, eFDD 26 64QAM, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-23	Passed	Passed
LTE, eFDD 26 QPSK, mid channel, 10 MHz, 50, conducted	S01_AJ06	2020-10-06	Passed	Passed

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§ 2.1051 § 90.543

Subpart S

Band edge compliance

The measurement was performed according to ANSI C63.26: 2015

Final Result

OP-Mode

Technology, Radio Technology, Operating Frequency, ChBW, Ressource Blocks, Measurement method

OP-Mode	Setup	Date	FCC	IC
LTE, eFDD 26 16QAM, high channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 26 16QAM, low channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 26 64QAM, high channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 26 64QAM, low channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 26 QPSK, high channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 26 QPSK, low channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 26 16QAM, high channel, 3 MHz, 15, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 26 16QAM, low channel, 3 MHz, 15, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 26 64QAM, high channel, 3 MHz, 15, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 26 64QAM, low channel, 3 MHz, 15, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 26 QPSK, high channel, 3 MHz, 15, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 26 QPSK, low channel, 3 MHz, 15, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 26 16QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 26 16QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-27	Passed	Passed

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§ 2.1051 § 90.543

Subpart S

Band edge compliance

The measurement was performed according to ANSI C63.26: 2015

Final Result

OP-Mode

Technology, Radio Technology, Operating Frequency, ChBW, Ressource Blocks, Measurement method

	Setup	Date	FCC	IC
LTE, eFDD 26 64QAM, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 26 64QAM, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 26 QPSK, high channel, 5 MHz, 25, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 26 QPSK, low channel, 5 MHz, 25, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 26 16QAM, high channel, 10 MHz, 50, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 26 16QAM, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 26 64QAM, high channel, 10 MHz, 50, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 26 64QAM, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 26 QPSK, high channel, 10 MHz, 50, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 26 QPSK, low channel, 10 MHz, 50, conducted	S01_AA01	2020-05-27	Passed	Passed

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§ 90.635

Subpart S

Peak to Average Ratio

The measurement was performed according to ANSI C63.26: 2015

Final Result

OP-Mode

Technology, Radio Technology, Operating Frequency, ChBW, Ressource Blocks, Measurement method

	Setup	Date	FCC	IC
LTE, eFDD 26 16QAM, high channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 26 16QAM, low channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 26 16QAM, mid channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 26 64QAM, high channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 26 64QAM, low channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 26 64QAM, mid channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 26 QPSK, high channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 26 QPSK, low channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed
LTE, eFDD 26 QPSK, mid channel, 1.4 MHz, 6, conducted	S01_AA01	2020-05-27	Passed	Passed

N/A: Not applicable

N/P: Not performed

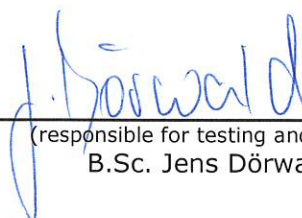
2 REVISION HISTORY

Report version control			
Version	Release date	Change Description	Version validity
initial	2020-12-09	--	invalid
REV01	2021-01-14	results for GSM / EDGE deleted	invalid
REV02	2021-01-27	- results for eTDD42 & CA_42C deleted - added results for: - CA_4_17 - CA_7_26 - CA_12_66	valid

COMMENT: -



(responsible for accreditation scope)
Dipl.-Ing. Marco Kullik



(responsible for testing and report)
B.Sc. Jens Dörwald



7 layers GmbH, Borsigstr. 11
40880 Ratingen, Germany
Phone +49 (0)2102 749 0

3 ADMINISTRATIVE DATA

3.1 TESTING LABORATORY

Company Name: 7layers GmbH
Address: Borsigstr. 11
40880 Ratingen
Germany

The test facility is accredited by the following accreditation organisation:

Laboratory accreditation no: DAKkS D-PL-12140-01-01 | D-PL-12140-01-02 | D-PL-12140-01-03
FCC Designation Number: DE0015
FCC Test Firm Registration: 929146
ISED CAB Identifier: DE0007; ISED#: 3699A
Responsible for accreditation scope: Dipl.-Ing. Marco Kullik
Report Template Version: 2019-12-16

3.2 PROJECT DATA

Responsible for testing and report: B.Sc. Jens Dörwald
Employees who performed the tests: documented internally at 7Layers
Date of Report: 2021-01-27
Testing Period: 2020-05-21 to 2021-01-22

3.3 APPLICANT DATA

Company Name: Harman Connected Car Division
Address: Parking 3
85748 Garching
Germany
Contact Person: Sathish Subbaiah

3.4 MANUFACTURER DATA

Company Name: please see Applicant Data
Address:
Contact Person:

4 TEST OBJECT DATA

4.1 GENERAL EUT DESCRIPTION

Kind of Device product description	Network Accessory Device
Product name	Harman S5123
Model Name (HVIN)	SA-N9000 OEM
Declared EUT data by the supplier	
Power Supply Type	DC
General product description	The EUT is a Network Accessory Device (cellular module).
IMEI allocation / ESN	TAC = 35011736
Nominal Voltage / Frequency	4.2 V DC

4.2 EUT MAIN COMPONENTS

Sample Name	Sample Code	Description
EUT A	DE1009055aa01	radiated & conducted sample
Sample Parameter	Value	
Serial No.	38	
HW Version	1.0	
SW Version	RC2016.17.2.3	
Comment	-	

Sample Name	Sample Code	Description
EUT B	DE1009055af01	radiated & conducted sample
Sample Parameter	Value	
Serial No.	24	
HW Version	1.0	
SW Version	RC2016.17.2.3	
Comment	-	

Sample Name	Sample Code	Description
EUT C	DE1009055af02	radiated & conducted sample
Sample Parameter	Value	
Serial No.	24	
HW Version	1.0	
SW Version	RC2020.25.3.1	
Comment	-	

Sample Name	Sample Code	Description
EUT D	DE1009055aj04	radiated & conducted sample
Sample Parameter	Value	
Serial No.	IMEI: 353015100239749	
HW Version	1.0	
SW Version	RC2028.33.2.1	
Comment	-	

Sample Name	Sample Code	Description
EUT E	DE1009055aj05	radiated & conducted sample
Sample Parameter	Value	
Serial No.	IMEI: 353015100239749	
HW Version	1.6	
SW Version	RC2032.35.5.1	
Comment	-	

Sample Name	Sample Code	Description
EUT F	DE1009055aj06	radiated & conducted sample
Sample Parameter	Value	
Serial No.	IMEI: 353015100239749	
HW Version	1.6	
SW Version	RC2032.37.1.1	
Comment	-	

Sample Name	Sample Code	Description
EUT G	DE1009055bp14	radiated & conducted sample
Sample Parameter	Value	
Serial No.	IMEI: 353015100246603	
HW Version	D	
SW Version	RC2040.44.7.1R_OEM	
Comment	-	

NOTE: The short description is used to simplify the identification of the EUT in this test report.

4.3 ANCILLARY EQUIPMENT

For the purposes of this test report, ancillary equipment is defined as equipment which is used in conjunction with the EUT to provide operational and control features to the EUT. It is necessary to configure the system in a typical fashion, as a customer would normally use it. But nevertheless Ancillary Equipment can influence the test results.

Device	Details (Manufacturer, Type Model, OUT Code)	Description
-	-	-

4.4 AUXILIARY EQUIPMENT

For the purposes of this test report, auxiliary equipment is defined as equipment which is used temporarily to enable operational and control features especially used for the tests of the EUT which is not used during normal operation or equipment that is used during the tests in combination with the EUT but is not subject of this test report. It is necessary to configure the system in a typical fashion, as a customer would normally use it. But nevertheless Auxiliary Equipment can influence the test results.

Device	Details (Manufacturer, Type Model, HW, SW, S/N)	Description
Antenna	-	-

4.5 EUT SETUPS

This chapter describes the combination of EUTs and equipment used for testing. The rationale for selecting the EUTs, ancillary and auxiliary equipment and interconnecting cables, is to test a representative configuration meeting the requirements of the referenced standards.

Setup	Combination of EUTs	Description and Rationale
S01_AA01	EUT A	radiated & conducted sample
S01_AF01	EUT B	radiated & conducted sample
S01_AF02	EUT C	radiated & conducted sample
S01_AJ04	EUT D	radiated & conducted sample
S01_AJ05	EUT E	radiated & conducted sample
S01_AJ06	EUT F	radiated & conducted sample
S01_BP14	EUT G	radiated & conducted sample

4.6 OPERATING MODES

This chapter describes the operating modes of the EUTs used for testing.

4.6.1 TEST CHANNELS

eFDD 2		LOW	MID	HIGH	LOW	MID	HIGH	LOW	MID	HIGH
	Cell BW [MHz]	1.4	1.4	1.4	3	3	3	5	5	5
	CH no.	18607	18900	19193	18615	18900	19185	18625	18900	19175
	f [MHz]	1850.7	1880.0	1909.3	1851.5	1880.0	1908.5	1852.5	1880.0	1907.5
		LOW	MID	HIGH	LOW	MID	HIGH	LOW	MID	HIGH
	Cell BW [MHz]	10	10	10	15	15	15	20	20	20
	CH no.	18650	18900	19150	18675	18900	19125	18700	18900	19100
	f [MHz]	1855.0	1880.0	1905.0	1857.5	1880.0	1902.5	1860.0	1880.0	1900.0

eFDD 4		LOW	MID	HIGH	LOW	MID	HIGH	LOW	MID	HIGH
	Cell BW [MHz]	1.4	1.4	1.4	3	3	3	5	5	5
	CH no.	19957	20175	20393	19965	20175	20385	19975	20175	20375
	f [MHz]	1710.7	1732.5	1754.3	1711.5	1732.5	1753.5	1712.5	1732.5	1752.5
		LOW	MID	HIGH	LOW	MID	HIGH	LOW	MID	HIGH
	Cell BW [MHz]	10	10	10	15	15	15	20	20	20
	CH no.	20000	20175	20350	20025	20175	20325	20050	20175	20300
	f [MHz]	1715.0	1732.5	1750.0	1717.5	1732.5	1747.5	1720.0	1732.5	1745.0

eFDD 5		LOW	MID	HIGH	LOW	MID	HIGH	LOW	MID	HIGH
	Cell BW [MHz]	1.4	1.4	1.4	3	3	3	5	5	5
	CH no.	20407	20525	20643	20415	20525	20635	20425	20525	20625
	f [MHz]	824.7	836.5	848.3	825.5	836.5	847.5	826.5	836.5	846.5
		LOW	MID	HIGH	LOW	MID	HIGH	LOW	MID	HIGH
	Cell BW [MHz]	10	10	10	-	-	-	-	-	-
	CH no.	20450	20525	20600	-	-	-	-	-	-
	f [MHz]	829.0	836.5	844.0	-	-	-	-	-	-

eFDD 7		LOW	MID	HIGH	LOW	MID	HIGH	LOW	MID	HIGH
	Cell BW [MHz]	5	5	5	10	10	10	15	15	15
	CH no.	20775	21100	21425	20800	21100	21400	20825	21100	21375
	f [MHz]	2502.5	2535.0	2567.5	2505.0	2535.0	2565.0	2507.5	2535.0	2562.5
		LOW	MID	HIGH	LOW	MID	HIGH	LOW	MID	HIGH
	Cell BW [MHz]	20	20	20	-	-	-	-	-	-
	CH no.	20850	21100	21350	-	-	-	-	-	-
	f [MHz]	2510.0	2535.0	2560.0	-	-	-	-	-	-

eFDD 12		LOW	MID	HIGH	LOW	MID	HIGH	LOW	MID	HIGH
	Cell BW [MHz]	1.4	1.4	1.4	3	3	3	5	5	5
	CH no.	23017	23095	23173	23025	23095	23165	23035	23095	23155
	f [MHz]	699.7	707.5	715.3	700.5	707.5	714.5	701.5	707.5	713.5
		LOW	MID	HIGH	LOW	MID	HIGH	LOW	MID	HIGH
	Cell BW [MHz]	10	10	10	-	-	-	-	-	-
	CH no.	23060	23095	23130	-	-	-	-	-	-
	f [MHz]	704.0	707.5	711.0	-	-	-	-	-	-

eFDD 13		LOW	MID	HIGH	LOW	MID	HIGH	LOW	MID	HIGH
	Cell BW [MHz]	5	5	5	10	10	10	-	-	-
	CH no.	23205	23230	23255	-	23230	-	-	-	-
	f [MHz]	779.5	782.0	784.5	-	782.0	-	-	-	-
		LOW	MID	HIGH	LOW	MID	HIGH	LOW	MID	HIGH
	Cell BW [MHz]	-	-	-	-	-	-	-	-	-
	CH no.	-	-	-	-	-	-	-	-	-
	f [MHz]	-	-	-	-	-	-	-	-	-

eFDD 17		LOW	MID	HIGH	LOW	MID	HIGH	LOW	MID	HIGH
	Cell BW [MHz]	5	5	5	10	10	10	-	-	-
	CH no.	23755	23790	23825	23780	23790	23800	-	-	-
	f [MHz]	706.5	710.0	713.5	709.0	710.0	711.0	-	-	-
		LOW	MID	HIGH	LOW	MID	HIGH	LOW	MID	HIGH
	Cell BW [MHz]	-	-	-	-	-	-	-	-	-
	CH no.	-	-	-	-	-	-	-	-	-
	f [MHz]	-	-	-	-	-	-	-	-	-

eFDD 25		LOW	MID	HIGH	LOW	MID	HIGH	LOW	MID	HIGH
	Cell BW [MHz]	1.4	1.4	1.4	3	3	3	5	5	5
	CH no.	26047	26365	26683	26055	26365	26675	26065	26365	26665
	f [MHz]	1850.7	1882.5	1914.3	1851.5	1882.5	1913.5	1852.5	1882.5	1912.5
		LOW	MID	HIGH	LOW	MID	HIGH	LOW	MID	HIGH
	Cell BW [MHz]	10	10	10	15	15	15	20	20	20
	CH no.	26090	26365	26640	26115	26365	26615	26140	26365	26590
	f [MHz]	1855.0	1882.5	1910.0	1857.5	1882.5	1907.5	1860.0	1882.5	1905.0

eFDD 26 (Part 90)		LOW	MID	HIGH	LOW	MID	HIGH	LOW	MID	HIGH
	Cell BW [MHz]	1.4	1.4	1.4	3	3	3	5	5	5
	CH no.	26697	26740	26783	26705	26740	26776	26715	26740	26766
	f [MHz]	814.7	819.0	823.3	815.5	819.0	822.5	816.5	819.0	821.5
		LOW	MID	HIGH	LOW	MID	HIGH	LOW	MID	HIGH
	Cell BW [MHz]	-	10	-	-	-	-	-	-	-
	CH no.	-	26740	-	-	-	-	-	-	-
	f [MHz]	-	819.0	-	-	-	-	-	-	-

eFDD 26 (Part 22)		LOW	MID	HIGH	LOW	MID	HIGH	LOW	MID	HIGH
	Cell BW [MHz]	1.4	1.4	1.4	3	3	3	5	5	5
	CH no.	26797	26915	27033	26805	26915	27025	26815	26915	27015
	f [MHz]	824.7	836.5	848.3	825.5	836.5	847.5	826.5	836.5	846.5
		LOW	MID	HIGH	LOW	MID	HIGH	LOW	MID	HIGH
	Cell BW [MHz]	10	10	10	-	-	-	-	-	-
	CH no.	26840	26915	26990	-	-	-	-	-	-
	f [MHz]	829.0	836.5	844	-	-	-	-	-	-

eTDD 38		LOW	MID	HIGH	LOW	MID	HIGH	LOW	MID	HIGH
	Cell BW [MHz]	5	5	5	10	10	10	15	15	15
	CH no.	37775	38000	38225	37800	38000	38200	37825	38000	38175
	f [MHz]	2572.5	2595.0	2617.5	2575.0	2595.0	2615.0	2577.5	2595.0	2612.5
		LOW	MID	HIGH	LOW	MID	HIGH	LOW	MID	HIGH
	Cell BW [MHz]	20	20	20	-	-	-	-	-	-
	CH no.	37850	38000	38150	-	-	-	-	-	-
	f [MHz]	2580.0	2595.0	2610.0	-	-	-	-	-	-

eTDD 41		LOW	MID	HIGH	LOW	MID	HIGH	LOW	MID	HIGH
	Cell BW [MHz]	5	5	5	10	10	10	15	15	15
	CH no.	39675	40620	41565	39700	40620	41540	39725	40620	41515
	f [MHz]	2498.5	2593.0	2687.5	2501.0	2593.0	2685.0	2503.5	2593.0	2682.5
		LOW	MID	HIGH	LOW	MID	HIGH	LOW	MID	HIGH
	Cell BW [MHz]	20	20	20	-	-	-	-	-	-
	CH no.	39750	40620	41490	-	-	-	-	-	-
	f [MHz]	2506.0	2593.0	2680.0	-	-	-	-	-	-

eFDD 66		LOW	MID	HIGH	LOW	MID	HIGH	LOW	MID	HIGH
	Cell BW [MHz]	1.4	1.4	1.4	3	3	3	5	5	5
	CH no.	131979	132322	132665	131987	132322	132657	131997	132322	132647
	f [MHz]	1710.7	1745.0	1779.3	1711.5	1745.0	1778.5	1712.5	1745.0	1777.5
		LOW	MID	HIGH	LOW	MID	HIGH	LOW	MID	HIGH
	Cell BW [MHz]	10	10	10	15	15	15	20	20	20
	CH no.	132022	132322	132622	132047	132322	132597	132072	132322	132572
	f [MHz]	1715.0	1745.0	1775.0	1715.5	1745.5	1772.5	1720.0	1745.0	1770.0

eFDD 71		LOW	MID	HIGH	LOW	MID	HIGH	LOW	MID	HIGH
	Cell BW [MHz]	5	5	5	10	10	10	15	15	15
	CH no.	133147	133297	133447	133172	133297	133422	133197	133297	133397
	f [MHz]	665.5	680.5	695.5	668.0	680.5	693.0	670.5	680.5	690.5
		LOW	MID	HIGH	LOW	MID	HIGH	LOW	MID	HIGH
	Cell BW [MHz]	20	20	20	-	-	-	-	-	-
	CH no.	133222	133297	133372	-	-	-	-	-	-
	f [MHz]	673.0	680.5	688.0	-	-	-	-	-	-

CA_2_5		LOW		MID		HIGH	
		PCC	SCC	PCC	SCC	PCC	SCC
	Cell BW [MHz]	please refer to channel lists for single carrier					
	CH no.						
	f [MHz]						

CA_2_12		LOW		MID		HIGH	
		PCC	SCC	PCC	SCC	PCC	SCC
	Cell BW [MHz]	please refer to channel lists for single carrier					
	CH no.						
	f [MHz]						

CA_2_13		LOW		MID		HIGH	
		PCC	SCC	PCC	SCC	PCC	SCC
	Cell BW [MHz]	please refer to channel lists for single carrier					
	CH no.						
	f [MHz]						

CA_4_5		LOW		MID		HIGH	
		PCC	SCC	PCC	SCC	PCC	SCC
	Cell BW [MHz]	please refer to channel lists for single carrier					
	CH no.						
	f [MHz]						

CA_4_12		LOW		MID		HIGH	
		PCC	SCC	PCC	SCC	PCC	SCC
	Cell BW [MHz]	please refer to channel lists for single carrier					
	CH no.						
	f [MHz]						

CA_4_13		LOW		MID		HIGH	
		PCC	SCC	PCC	SCC	PCC	SCC
	Cell BW [MHz]	please refer to channel lists for single carrier					
	CH no.						
	f [MHz]						

CA_5_7		LOW		MID		HIGH	
		PCC	SCC	PCC	SCC	PCC	SCC
	Cell BW [MHz]	please refer to channel lists for single carrier					
	CH no.						
	f [MHz]						

CA_5_66		LOW		MID		HIGH	
		PCC	SCC	PCC	SCC	PCC	SCC
	Cell BW [MHz]	please refer to channel lists for single carrier					
	CH no.						
	f [MHz]						

CA_4_17		LOW		MID		HIGH	
		PCC	SCC	PCC	SCC	PCC	SCC
	Cell BW [MHz]	please refer to channel lists for single carrier					
	CH no.						
	f [MHz]						

CA_7_26		LOW		MID		HIGH	
		PCC	SCC	PCC	SCC	PCC	SCC
	Cell BW [MHz]	please refer to channel lists for single carrier					
	CH no.						
	f [MHz]						

CA_12_66		LOW		MID		HIGH	
		PCC	SCC	PCC	SCC	PCC	SCC
	Cell BW [MHz]	please refer to channel lists for single carrier					
	CH no.						
	f [MHz]						

CA_5B		LOW		MID		HIGH	
		PCC	SCC	PCC	SCC	PCC	SCC
	Cell BW [MHz]	5	10	5	10	5	10
	CH no.	20425	20497	20478	20550	20528	20600
	f [MHz]	826.5	833.7	831.8	839.0	836.8	844.0
		LOW		MID		HIGH	
		PCC	SCC	PCC	SCC	PCC	SCC
	Cell BW [MHz]	10	5	10	5	10	5
	CH no.	20450	20522	20503	20575	20553	20625
	f [MHz]	829.0	836.2	834.3	841.5	839.3	846.5
		LOW		MID		HIGH	
		PCC	SCC	PCC	SCC	PCC	SCC
	Cell BW [MHz]	10	10	10	10	10	10
	CH no.	20450	20549	20476	20575	20501	20600
	f [MHz]	829.0	838.9	831.6	841.5	834.1	844.0

CA_7C		LOW		MID		HIGH	
		PCC	SCC	PCC	SCC	PCC	SCC
	Cell BW [MHz]	15	15	15	15	15	15
	CH no.	20825	20975	21025	21175	21225	21375
	f [MHz]	2507.5	2522.5	2527.5	2542.5	2547.5	2562.5
		LOW		MID		HIGH	
		PCC	SCC	PCC	SCC	PCC	SCC
	Cell BW [MHz]	20	20	20	20	20	20
	CH no.	20850	21048	21002	21200	21152	21350
	f [MHz]	2510.0	2529.8	2525.2	2545.0	2540.2	2560.0
		LOW		MID		HIGH	
		PCC	SCC	PCC	SCC	PCC	SCC
	Cell BW [MHz]	10	20	10	20	10	20
	CH no.	20800	20944	21006	21150	21206	21350
	f [MHz]	2505.0	2519.4	2525.6	2540.0	2545.6	2560.0
		LOW		MID		HIGH	
		PCC	SCC	PCC	SCC	PCC	SCC
	Cell BW [MHz]	15	20	15	20	15	20
	CH no.	20825	20996	21004	21175	21179	21350
	f [MHz]	2507.5	2524.6	2525.4	2542.5	2542.9	2560.0
		LOW		MID		HIGH	
		PCC	SCC	PCC	SCC	PCC	SCC
	Cell BW [MHz]	20	10	20	10	20	10
	CH no.	20850	20994	21056	21200	21256	21400
	f [MHz]	2510.0	2524.4	2530.6	2545.0	2550.6	2565.0
		LOW		MID		HIGH	
		PCC	SCC	PCC	SCC	PCC	SCC
	Cell BW [MHz]	20	15	20	15	20	15
	CH no.	20850	21021	21029	21200	21204	21375
	f [MHz]	2510.0	2527.1	2527.9	2545.0	2545.4	2562.5

CA_38C		LOW		MID		HIGH	
		PCC	SCC	PCC	SCC	PCC	SCC
	Cell BW [MHz]	15	15	15	15	15	15
	CH no.	37825	37975	37925	38075	38025	38175
	f [MHz]	2577.5	2592.5	2587.5	2602.5	2597.5	2612.5
		LOW		MID		HIGH	
		PCC	SCC	PCC	SCC	PCC	SCC
	Cell BW [MHz]	20	20	20	20	20	20
	CH no.	37850	38048	37902	38100	37952	38150
	f [MHz]	2580.0	2599.8	2585.2	2605.0	2590.2	2610.0

CA_41C		LOW		MID		HIGH	
		PCC	SCC	PCC	SCC	PCC	SCC
	Cell BW [MHz]	10	20	10	20	10	20
	CH no.	39700	39844	40526	40670	41346	41490
	f [MHz]	2501.0	2515.4	2583.6	2598.0	2665.6	2680.0
		LOW		MID		HIGH	
		PCC	SCC	PCC	SCC	PCC	SCC
	Cell BW [MHz]	15	15	15	15	15	15
	CH no.	39725	39875	40545	40695	41365	41515
	f [MHz]	2503.5	2518.5	2585.5	2600.5	2667.5	2682.5
		LOW		MID		HIGH	
		PCC	SCC	PCC	SCC	PCC	SCC
	Cell BW [MHz]	15	20	15	20	15	20
	CH no.	39725	39896	40524	40695	41319	41490
	f [MHz]	2503.5	2520.6	2583.4	2600.5	2662.9	2680.0
		LOW		MID		HIGH	
		PCC	SCC	PCC	SCC	PCC	SCC
	Cell BW [MHz]	20	10	20	10	20	10
	CH no.	39750	39894	40576	40720	41396	41540
	f [MHz]	2506.0	2520.4	2588.6	2603.0	2670.6	2685.0
		LOW		MID		HIGH	
		PCC	SCC	PCC	SCC	PCC	SCC
	Cell BW [MHz]	20	15	20	15	20	15
	CH no.	39750	39921	40549	40720	41344	41515
	f [MHz]	2506.0	2523.1	2585.9	2603.0	2665.4	2682.5
		LOW		MID		HIGH	
		PCC	SCC	PCC	SCC	PCC	SCC
	Cell BW [MHz]	20	20	20	20	20	20
	CH no.	39750	39948	40522	40720	41292	41490
	f [MHz]	2506.0	2525.8	2583.8	2583.2	2603.0	2660.2
		LOW		MID		HIGH	
		PCC	SCC	PCC	SCC	PCC	SCC
	Cell BW [MHz]	5	20	5	20	5	20
	CH no.	39675	39792	40528	40645	41373	41490
	f [MHz]	2498.5	2510.2	2583.8	2595.5	2668.3	2680.0
		LOW		MID		HIGH	
		PCC	SCC	PCC	SCC	PCC	SCC
	Cell BW [MHz]	20	5	20	5	20	5
	CH no.	39750	39867	40603	40720	41448	41565
	f [MHz]	2506.0	2517.7	2591.3	2603.0	2675.8	2687.5
		LOW		MID		HIGH	
		PCC	SCC	PCC	SCC	PCC	SCC
	Cell BW [MHz]	10	15	10	15	10	15
	CH no.	39700	39820	40550	40670	41395	41515
	f [MHz]	2501.0	2513.0	2589.0	2598.0	2670.5	2682.5
		LOW		MID		HIGH	
		PCC	SCC	PCC	SCC	PCC	SCC
	Cell BW [MHz]	15	10	15	10	15	10
	CH no.	39725	39845	40575	40695	41420	41540
	f [MHz]	2503.5	2515.5	2588.5	2600.5	2673.0	2685.0

	LOW		MID		HIGH	
	PCC	SCC	PCC	SCC	PCC	SCC
Cell BW [MHz]	5	5	5	5	5	5
CH no.	131997	132045	132299	132347	132599	132647
f [MHz]	1712.5	1717.3	1742.7	1747.5	1772.7	1777.5
	LOW		MID		HIGH	
	PCC	SCC	PCC	SCC	PCC	SCC
Cell BW [MHz]	5	10	5	10	5	10
CH no.	131997	132069	132275	132347	132550	132622
f [MHz]	1712.5	1719.7	1740.3	1747.5	1767.8	1775.0
	LOW		MID		HIGH	
	PCC	SCC	PCC	SCC	PCC	SCC
Cell BW [MHz]	5	15	5	15	5	15
CH no.	131997	132090	132254	132347	132504	132597
f [MHz]	1712.5	1721.8	1738.2	1447.5	1763.2	1772.5
	LOW		MID		HIGH	
	PCC	SCC	PCC	SCC	PCC	SCC
Cell BW [MHz]	10	5	10	5	10	5
CH no.	132022	132094	132300	132372	132575	132647
f [MHz]	1715.0	1722.2	1742.8	1750.0	1770.3	1777.5
	LOW		MID		HIGH	
	PCC	SCC	PCC	SCC	PCC	SCC
Cell BW [MHz]	10	10	10	10	10	10
CH no.	132022	132121	132273	132372	132523	132622
f [MHz]	1715.0	1724.9	1740.1	1750.0	1765.1	1775.0
	LOW		MID		HIGH	
	PCC	SCC	PCC	SCC	PCC	SCC
Cell BW [MHz]	15	5	15	5	15	5
CH no.	132047	132140	132304	132397	132554	132647
f [MHz]	1717.5	1726.8	1743.2	1752.5	1768.2	1777.5

	LOW		MID		HIGH	
	PCC	SCC	PCC	SCC	PCC	SCC
Cell BW [MHz]	5	20	5	20	5	20
CH no.	131997	132114	132230	132347	132455	132572
f [MHz]	1712.5	1724.2	1735.8	1747.5	1758.3	1770.0
	LOW		MID		HIGH	
	PCC	SCC	PCC	SCC	PCC	SCC
Cell BW [MHz]	10	20	10	20	10	20
CH no.	132022	132166	132228	132372	132428	132572
f [MHz]	1715.0	1729.4	1735.6	1750.0	1755.6	1770.0
	LOW		MID		HIGH	
	PCC	SCC	PCC	SCC	PCC	SCC
Cell BW [MHz]	10	15	10	15	10	15
CH no.	132022	132142	132252	132372	132477	132597
f [MHz]	1715.0	1727.0	1738.0	1750.0	1760.5	1772.5
	LOW		MID		HIGH	
	PCC	SCC	PCC	SCC	PCC	SCC
Cell BW [MHz]	15	10	15	10	15	10
CH no.	132047	132167	132277	132397	132502	132622
f [MHz]	1717.5	1729.5	1740.5	1752.5	1763.0	1775.0
	LOW		MID		HIGH	
	PCC	SCC	PCC	SCC	PCC	SCC
Cell BW [MHz]	15	15	15	15	15	15
CH no.	132047	132197	132247	132397	132447	132597
f [MHz]	1717.5	1732.5	1737.5	1752.5	1757.5	1772.5
	LOW		MID		HIGH	
	PCC	SCC	PCC	SCC	PCC	SCC
Cell BW [MHz]	15	20	15	20	15	20
20CH no.	132047	132218	132226	132397	132401	132572
f [MHz]	1717.5	1734.6	1735.4	1752.5	1752.9	1770.0
	LOW		MID		HIGH	
	PCC	SCC	PCC	SCC	PCC	SCC
Cell BW [MHz]	20	5	20	5	20	5
CH no.	132072	132189	132305	132422	132530	132647
f [MHz]	1720.0	1731.7	1743.3	1755.0	1765.8	1777.5
	LOW		MID		HIGH	
	PCC	SCC	PCC	SCC	PCC	SCC
Cell BW [MHz]	20	10	20	10	20	10
CH no.	132072	132216	132278	132422	132478	132622
f [MHz]	1720.0	1734.4	1740.6	1755.0	1760.6	1775.0
	LOW		MID		HIGH	
	PCC	SCC	PCC	SCC	PCC	SCC
Cell BW [MHz]	20	15	20	15	20	15
CH no.	132072	132243	132251	132422	132426	132597
f [MHz]	1720.0	1737.1	1737.9	1755.0	1755.4	1772.5
	LOW		MID		HIGH	
	PCC	SCC	PCC	SCC	PCC	SCC
Cell BW [MHz]	20	20	20	20	20	20
CH no.	132072	132270	132224	132422	132374	132572
f [MHz]	1720.0	1739.8	1735.2	1755.0	1750.2	1770.0

4.7 PRODUCT LABELLING

4.7.1 FCC ID LABEL

Please refer to the documentation of the applicant.

4.7.2 LOCATION OF THE LABEL ON THE EUT

Please refer to the documentation of the applicant.

5 TEST RESULTS

5.1 RF OUTPUT POWER

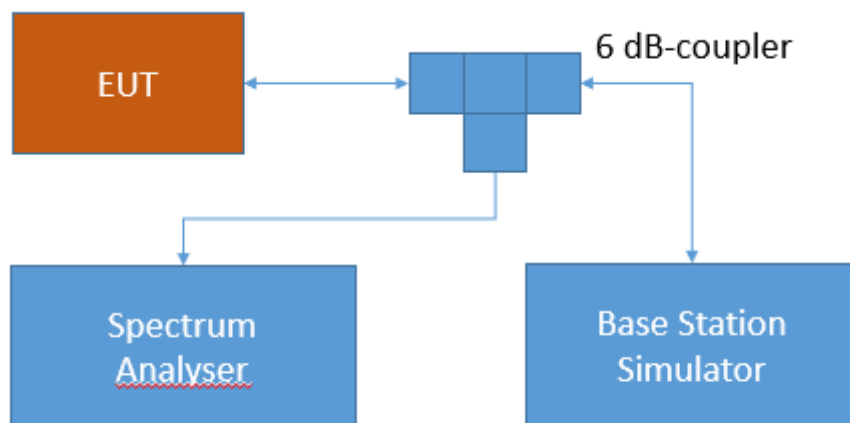
Standard **FCC PART 22 Subpart H**

The test was performed according to:
ANSI C63.26: 2015

5.1.1 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 ISSED 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.

5.1.2 TEST REQUIREMENTS / LIMITS

FCC Part 22, § 22.913

(a) *Maximum ERP.* The ERP of transmitters in the Cellular Radiotelephone Service must not exceed the limits in this section.

(5) The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

RSS-132; 5.4 Transmitter Output Power and Equivalent Isotropically Radiated Power

The transmitter output power shall be measured in terms of average power. The equivalent isotropically radiated power (e.i.r.p.) for mobile equipment shall not exceed 11.5 watts.

5.1.3 TEST PROTOCOL

Temperature 22 °C

Humidity 36 %

Radio Technology	CH	Ressource Blocks	Bandwidth [MHz]	Peak Cond. Power [dBm]	Average Cond. Power [dBm]	RMS Cond. Power [dBm]	FCC EIRP Limit [W]	IC EIRP Limit [W]	Max. Antenna Gain FCC [dBi]	Max. Antenna Gain FCC [dBi]
eFDD 5 QPSK	low	1	1.4	-	-	23.98	11.5	11.5	16.62	16.62
eFDD 5 QPSK	low	3	1.4	-	-	23.54	11.5	11.5	17.06	17.06
eFDD 5 QPSK	low	6	1.4	-	-	22.59	11.5	11.5	18.01	18.01
eFDD 5 QPSK	mid	1	1.4	-	-	23.51	11.5	11.5	17.09	17.09
eFDD 5 QPSK	mid	3	1.4	-	-	23.24	11.5	11.5	17.36	17.36
eFDD 5 QPSK	mid	6	1.4	-	-	22.28	11.5	11.5	18.32	18.32
eFDD 5 QPSK	high	1	1.4	-	-	23.69	11.5	11.5	16.91	16.91
eFDD 5 QPSK	high	3	1.4	-	-	23.16	11.5	11.5	17.44	17.44
eFDD 5 QPSK	high	6	1.4	-	-	22.25	11.5	11.5	18.35	18.35
eFDD 5 16QAM	low	1	1.4	-	-	23.03	11.5	11.5	17.57	17.57
eFDD 5 16QAM	low	6	1.4	-	-	21.53	11.5	11.5	19.07	19.07
eFDD 5 16QAM	mid	1	1.4	-	-	22.62	11.5	11.5	17.98	17.98
eFDD 5 16QAM	mid	6	1.4	-	-	21.24	11.5	11.5	19.36	19.36
eFDD 5 16QAM	high	1	1.4	-	-	22.68	11.5	11.5	17.92	17.92
eFDD 5 16QAM	high	6	1.4	-	-	19.94	11.5	11.5	20.66	20.66
eFDD 5 64QAM	low	1	1.4	-	-	22.05	11.5	11.5	18.55	18.55
eFDD 5 64QAM	low	6	1.4	-	-	20.56	11.5	11.5	20.04	20.04
eFDD 5 64QAM	mid	1	1.4	-	-	21.71	11.5	11.5	18.89	18.89
eFDD 5 64QAM	mid	6	1.4	-	-	20.24	11.5	11.5	20.36	20.36
eFDD 5 64QAM	high	1	1.4	-	-	21.57	11.5	11.5	19.03	19.03
eFDD 5 64QAM	high	6	1.4	-	-	20.23	11.5	11.5	20.37	20.37
eFDD 5 256QAM	low	1	1.4	-	-	18.06	11.5	11.5	22.54	22.54
eFDD 5 256QAM	low	6	1.4	-	-	17.51	11.5	11.5	23.09	23.09
eFDD 5 256QAM	mid	1	1.4	-	-	17.48	11.5	11.5	23.12	23.12
eFDD 5 256QAM	mid	6	1.4	-	-	17.30	11.5	11.5	23.30	23.30
eFDD 5 256QAM	high	1	1.4	-	-	17.69	11.5	11.5	22.91	22.91
eFDD 5 256QAM	high	6	1.4	-	-	17.36	11.5	11.5	23.24	23.24
eFDD 5 QPSK	low	1	3	-	-	24.18	11.5	11.5	16.42	16.42
eFDD 5 QPSK	low	15	3	-	-	22.88	11.5	11.5	17.72	17.72
eFDD 5 QPSK	mid	1	3	-	-	23.95	11.5	11.5	16.65	16.65
eFDD 5 QPSK	mid	15	3	-	-	22.60	11.5	11.5	18.00	18.00
eFDD 5 QPSK	high	1	3	-	-	23.86	11.5	11.5	16.74	16.74
eFDD 5 QPSK	high	15	3	-	-	22.57	11.5	11.5	18.03	18.03
eFDD 5 16QAM	low	1	3	-	-	23.26	11.5	11.5	17.34	17.34

eFDD 5 16QAM	low	15	3	-	-	21.82	11.5	11.5	18.78	18.78
eFDD 5 16QAM	mid	1	3	-	-	23.04	11.5	11.5	17.56	17.56
eFDD 5 16QAM	mid	15	3	-	-	21.58	11.5	11.5	19.02	19.02
eFDD 5 16QAM	high	1	3	-	-	22.95	11.5	11.5	17.65	17.65
eFDD 5 16QAM	high	15	3	-	-	21.57	11.5	11.5	19.03	19.03
eFDD 5 64QAM	low	1	3	-	-	22.22	11.5	11.5	18.38	18.38
eFDD 5 64QAM	low	15	3	-	-	20.84	11.5	11.5	19.76	19.76
eFDD 5 64QAM	mid	1	3	-	-	20.76	11.5	11.5	19.84	19.84
eFDD 5 64QAM	mid	15	3	-	-	20.58	11.5	11.5	20.02	20.02
eFDD 5 64QAM	high	1	3	-	-	21.88	11.5	11.5	18.72	18.72
eFDD 5 64QAM	high	15	3	-	-	20.47	11.5	11.5	20.13	20.13
eFDD 5 256QAM	low	1	3	-	-	18.33	11.5	11.5	22.27	22.27
eFDD 5 256QAM	low	15	3	-	-	18.27	11.5	11.5	22.33	22.33
eFDD 5 256QAM	mid	1	3	-	-	17.91	11.5	11.5	22.69	22.69
eFDD 5 256QAM	mid	15	3	-	-	17.91	11.5	11.5	22.69	22.69
eFDD 5 256QAM	high	1	3	-	-	18.07	11.5	11.5	22.53	22.53
eFDD 5 256QAM	high	15	3	-	-	17.94	11.5	11.5	22.66	22.66
eFDD 5 QPSK	low	1	5	-	-	24.24	11.5	11.5	16.36	16.36
eFDD 5 QPSK	low	12	5	-	-	22.87	11.5	11.5	17.73	17.73
eFDD 5 QPSK	low	25	5	-	-	22.85	11.5	11.5	17.75	17.75
eFDD 5 QPSK	mid	1	5	-	-	23.93	11.5	11.5	16.67	16.67
eFDD 5 QPSK	mid	12	5	-	-	22.62	11.5	11.5	17.98	17.98
eFDD 5 QPSK	mid	25	5	-	-	21.83	11.5	11.5	18.77	18.77
eFDD 5 QPSK	high	1	5	-	-	23.88	11.5	11.5	16.72	16.72
eFDD 5 QPSK	high	12	5	-	-	22.55	11.5	11.5	18.05	18.05
eFDD 5 QPSK	high	25	5	-	-	22.53	11.5	11.5	18.07	18.07
eFDD 5 16QAM	low	1	5	-	-	23.29	11.5	11.5	17.31	17.31
eFDD 5 16QAM	low	25	5	-	-	21.86	11.5	11.5	18.74	18.74
eFDD 5 16QAM	mid	1	5	-	-	23.00	11.5	11.5	17.60	17.60
eFDD 5 16QAM	mid	25	5	-	-	21.58	11.5	11.5	19.02	19.02
eFDD 5 16QAM	high	1	5	-	-	22.89	11.5	11.5	17.71	17.71
eFDD 5 16QAM	high	25	5	-	-	21.51	11.5	11.5	19.09	19.09
eFDD 5 64QAM	low	1	5	-	-	22.34	11.5	11.5	18.26	18.26
eFDD 5 64QAM	low	25	5	-	-	20.78	11.5	11.5	19.82	19.82
eFDD 5 64QAM	mid	1	5	-	-	21.98	11.5	11.5	18.62	18.62
eFDD 5 64QAM	mid	25	5	-	-	20.52	11.5	11.5	20.08	20.08
eFDD 5 64QAM	high	1	5	-	-	21.95	11.5	11.5	18.65	18.65
eFDD 5 64QAM	high	25	5	-	-	20.41	11.5	11.5	20.19	20.19
eFDD 5 256QAM	low	1	5	-	-	18.52	11.5	11.5	22.08	22.08
eFDD 5 256QAM	low	25	5	-	-	18.23	11.5	11.5	22.37	22.37
eFDD 5 256QAM	mid	1	5	-	-	18.16	11.5	11.5	22.44	22.44
eFDD 5 256QAM	mid	25	5	-	-	18.00	11.5	11.5	22.60	22.60
eFDD 5 256QAM	high	1	5	-	-	18.19	11.5	11.5	22.41	22.41
eFDD 5 256QAM	high	25	5	-	-	17.98	11.5	11.5	22.62	22.62
eFDD 5 QPSK	low	1	10	-	-	23.35	11.5	11.5	17.25	17.25
eFDD 5 QPSK	low	50	10	-	-	23.03	11.5	11.5	17.57	17.57
eFDD 5 QPSK	mid	1	10	-	-	22.99	11.5	11.5	17.61	17.61
eFDD 5 QPSK	mid	50	10	-	-	22.84	11.5	11.5	17.76	17.76
eFDD 5 QPSK	high	1	10	-	-	23.02	11.5	11.5	17.58	17.58

eFDD 5 QPSK	high	50	10	-	-	22.78	11.5	11.5	17.82	17.82
eFDD 5 16QAM	low	1	10	-	-	23.43	11.5	11.5	17.17	17.17
eFDD 5 16QAM	low	50	10	-	-	21.96	11.5	11.5	18.64	18.64
eFDD 5 16QAM	mid	1	10	-	-	23.18	11.5	11.5	17.42	17.42
eFDD 5 16QAM	mid	50	10	-	-	21.84	11.5	11.5	18.76	18.76
eFDD 5 16QAM	high	1	10	-	-	23.14	11.5	11.5	17.46	17.46
eFDD 5 16QAM	high	50	10	-	-	21.72	11.5	11.5	18.88	18.88
eFDD 5 64QAM	low	1	10	-	-	22.32	11.5	11.5	18.28	18.28
eFDD 5 64QAM	low	50	10	-	-	20.97	11.5	11.5	19.63	19.63
eFDD 5 64QAM	mid	1	10	-	-	22.15	11.5	11.5	18.45	18.45
eFDD 5 64QAM	mid	50	10	-	-	20.76	11.5	11.5	19.84	19.84
eFDD 5 64QAM	high	1	10	-	-	22.09	11.5	11.5	18.51	18.51
eFDD 5 64QAM	high	50	10	-	-	20.71	11.5	11.5	19.89	19.89
eFDD 5 256QAM	low	1	10	-	-	18.29	11.5	11.5	22.31	22.31
eFDD 5 256QAM	low	50	10	-	-	18.29	11.5	11.5	22.31	22.31
eFDD 5 256QAM	mid	1	10	-	-	17.97	11.5	11.5	22.63	22.63
eFDD 5 256QAM	mid	50	10	-	-	18.07	11.5	11.5	22.53	22.53
eFDD 5 256QAM	high	1	10	-	-	17.90	11.5	11.5	22.70	22.70
eFDD 5 256QAM	high	50	10	-	-	18.08	11.5	11.5	22.52	22.52
eFDD 26 QPSK	low	1	1.4	-	-	23.86	11.5	11.5	16.74	16.74
eFDD 26 QPSK	low	3	1.4	-	-	23.64	11.5	11.5	16.96	16.96
eFDD 26 QPSK	low	6	1.4	-	-	22.57	11.5	11.5	18.03	18.03
eFDD 26 QPSK	mid	1	1.4	-	-	23.66	11.5	11.5	16.94	16.94
eFDD 26 QPSK	mid	3	1.4	-	-	23.35	11.5	11.5	17.25	17.25
eFDD 26 QPSK	mid	6	1.4	-	-	22.28	11.5	11.5	18.32	18.32
eFDD 26 QPSK	high	1	1.4	-	-	23.66	11.5	11.5	16.94	16.94
eFDD 26 QPSK	high	3	1.4	-	-	23.14	11.5	11.5	17.46	17.46
eFDD 26 QPSK	high	6	1.4	-	-	22.19	11.5	11.5	18.41	18.41
eFDD 26 16QAM	low	1	1.4	-	-	21.93	11.5	11.5	18.67	18.67
eFDD 26 16QAM	low	6	1.4	-	-	21.53	11.5	11.5	19.07	19.07
eFDD 26 16QAM	mid	1	1.4	-	-	21.66	11.5	11.5	18.94	18.94
eFDD 26 16QAM	mid	6	1.4	-	-	21.20	11.5	11.5	19.40	19.40
eFDD 26 16QAM	high	1	1.4	-	-	21.63	11.5	11.5	18.97	18.97
eFDD 26 16QAM	high	6	1.4	-	-	21.21	11.5	11.5	19.39	19.39
eFDD 26 64QAM	low	1	1.4	-	-	22.12	11.5	11.5	18.48	18.48
eFDD 26 64QAM	low	6	1.4	-	-	20.51	11.5	11.5	20.09	20.09
eFDD 26 64QAM	mid	1	1.4	-	-	21.76	11.5	11.5	18.84	18.84
eFDD 26 64QAM	mid	6	1.4	-	-	20.20	11.5	11.5	20.40	20.40
eFDD 26 64QAM	high	1	1.4	-	-	21.51	11.5	11.5	19.09	19.09
eFDD 26 64QAM	high	6	1.4	-	-	20.04	11.5	11.5	20.56	20.56
eFDD 26 256QAM	low	1	1.4	-	-	18.04	11.5	11.5	22.56	22.56
eFDD 26 256QAM	low	6	1.4	-	-	17.66	11.5	11.5	22.94	22.94
eFDD 26 256QAM	mid	1	1.4	-	-	17.40	11.5	11.5	23.20	23.20
eFDD 26 256QAM	mid	6	1.4	-	-	17.13	11.5	11.5	23.47	23.47
eFDD 26 256QAM	high	1	1.4	-	-	17.59	11.5	11.5	23.01	23.01
eFDD 26 256QAM	high	6	1.4	-	-	17.32	11.5	11.5	23.28	23.28
eFDD 26 QPSK	low	1	3	-	-	24.19	11.5	11.5	16.41	16.41
eFDD 26 QPSK	low	15	3	-	-	22.92	11.5	11.5	17.68	17.68
eFDD 26 QPSK	mid	1	3	-	-	23.95	11.5	11.5	16.65	16.65

eFDD 26 QPSK	mid	15	3	-	-	22.63	11.5	11.5	17.97	17.97
eFDD 26 QPSK	high	1	3	-	-	23.82	11.5	11.5	16.78	16.78
eFDD 26 QPSK	high	15	3	-	-	21.71	11.5	11.5	18.89	18.89
eFDD 26 16QAM	low	1	3	-	-	23.22	11.5	11.5	17.38	17.38
eFDD 26 16QAM	low	15	3	-	-	21.89	11.5	11.5	18.71	18.71
eFDD 26 16QAM	mid	1	3	-	-	23.08	11.5	11.5	17.52	17.52
eFDD 26 16QAM	mid	15	3	-	-	21.63	11.5	11.5	18.97	18.97
eFDD 26 16QAM	high	1	3	-	-	22.89	11.5	11.5	17.71	17.71
eFDD 26 16QAM	high	15	3	-	-	21.48	11.5	11.5	19.12	19.12
eFDD 26 64QAM	low	1	3	-	-	22.28	11.5	11.5	18.32	18.32
eFDD 26 64QAM	low	15	3	-	-	20.84	11.5	11.5	19.76	19.76
eFDD 26 64QAM	mid	1	3	-	-	21.85	11.5	11.5	18.75	18.75
eFDD 26 64QAM	mid	15	3	-	-	20.58	11.5	11.5	20.02	20.02
eFDD 26 64QAM	high	1	3	-	-	21.88	11.5	11.5	18.72	18.72
eFDD 26 64QAM	high	15	3	-	-	20.46	11.5	11.5	20.14	20.14
eFDD 26 256QAM	low	1	3	-	-	18.27	11.5	11.5	22.33	22.33
eFDD 26 256QAM	low	15	3	-	-	18.20	11.5	11.5	22.40	22.40
eFDD 26 256QAM	mid	1	3	-	-	17.88	11.5	11.5	22.72	22.72
eFDD 26 256QAM	mid	15	3	-	-	17.79	11.5	11.5	22.81	22.81
eFDD 26 256QAM	high	1	3	-	-	18.10	11.5	11.5	22.50	22.50
eFDD 26 256QAM	high	15	3	-	-	17.87	11.5	11.5	22.73	22.73
eFDD 26 QPSK	low	1	5	-	-	24.10	11.5	11.5	16.50	16.50
eFDD 26 QPSK	low	12	5	-	-	22.90	11.5	11.5	17.70	17.70
eFDD 26 QPSK	low	25	5	-	-	22.86	11.5	11.5	17.74	17.74
eFDD 26 QPSK	mid	1	5	-	-	23.92	11.5	11.5	16.68	16.68
eFDD 26 QPSK	mid	12	5	-	-	22.63	11.5	11.5	17.97	17.97
eFDD 26 QPSK	mid	25	5	-	-	22.59	11.5	11.5	18.01	18.01
eFDD 26 QPSK	high	1	5	-	-	23.87	11.5	11.5	16.73	16.73
eFDD 26 QPSK	high	12	5	-	-	22.49	11.5	11.5	18.11	18.11
eFDD 26 QPSK	high	25	5	-	-	22.54	11.5	11.5	18.06	18.06
eFDD 26 16QAM	low	1	5	-	-	23.29	11.5	11.5	17.31	17.31
eFDD 26 16QAM	low	25	5	-	-	21.84	11.5	11.5	18.76	18.76
eFDD 26 16QAM	mid	1	5	-	-	23.01	11.5	11.5	17.59	17.59
eFDD 26 16QAM	mid	25	5	-	-	21.62	11.5	11.5	18.98	18.98
eFDD 26 16QAM	high	1	5	-	-	22.88	11.5	11.5	17.72	17.72
eFDD 26 16QAM	high	25	5	-	-	21.50	11.5	11.5	19.10	19.10
eFDD 26 64QAM	low	1	5	-	-	22.08	11.5	11.5	18.52	18.52
eFDD 26 64QAM	low	25	5	-	-	20.76	11.5	11.5	19.84	19.84
eFDD 26 64QAM	mid	1	5	-	-	21.93	11.5	11.5	18.67	18.67
eFDD 26 64QAM	mid	25	5	-	-	20.54	11.5	11.5	20.06	20.06
eFDD 26 64QAM	high	1	5	-	-	21.72	11.5	11.5	18.88	18.88
eFDD 26 64QAM	high	25	5	-	-	20.39	11.5	11.5	20.21	20.21
eFDD 26 256QAM	low	1	5	-	-	18.29	11.5	11.5	22.31	22.31
eFDD 26 256QAM	low	25	5	-	-	18.21	11.5	11.5	22.39	22.39
eFDD 26 256QAM	mid	1	5	-	-	17.98	11.5	11.5	22.62	22.62
eFDD 26 256QAM	mid	25	5	-	-	17.84	11.5	11.5	22.76	22.76
eFDD 26 256QAM	high	1	5	-	-	17.72	11.5	11.5	22.88	22.88
eFDD 26 256QAM	high	25	5	-	-	17.86	11.5	11.5	22.74	22.74
eFDD 26 QPSK	low	1	10	-	-	24.37	11.5	11.5	16.23	16.23

eFDD 26 QPSK	low	50	10	-	-	23.00	11.5	11.5	17.60	17.60
eFDD 26 QPSK	mid	1	10	-	-	23.99	11.5	11.5	16.61	16.61
eFDD 26 QPSK	mid	50	10	-	-	22.83	11.5	11.5	17.77	17.77
eFDD 26 QPSK	high	1	10	-	-	24.02	11.5	11.5	16.58	16.58
eFDD 26 QPSK	high	50	10	-	-	22.71	11.5	11.5	17.89	17.89
eFDD 26 16QAM	low	1	10	-	-	23.35	11.5	11.5	17.25	17.25
eFDD 26 16QAM	low	50	10	-	-	21.98	11.5	11.5	18.62	18.62
eFDD 26 16QAM	mid	1	10	-	-	23.38	11.5	11.5	17.22	17.22
eFDD 26 16QAM	mid	50	10	-	-	21.82	11.5	11.5	18.78	18.78
eFDD 26 16QAM	high	1	10	-	-	23.15	11.5	11.5	17.45	17.45
eFDD 26 16QAM	high	50	10	-	-	21.69	11.5	11.5	18.91	18.91
eFDD 26 64QAM	low	1	10	-	-	22.28	11.5	11.5	18.32	18.32
eFDD 26 64QAM	low	50	10	-	-	20.90	11.5	11.5	19.70	19.70
eFDD 26 64QAM	mid	1	10	-	-	21.99	11.5	11.5	18.61	18.61
eFDD 26 64QAM	mid	50	10	-	-	20.73	11.5	11.5	19.87	19.87
eFDD 26 64QAM	high	1	10	-	-	21.94	11.5	11.5	18.66	18.66
eFDD 26 64QAM	high	50	10	-	-	20.64	11.5	11.5	19.96	19.96
eFDD 26 256QAM	low	1	10	-	-	18.35	11.5	11.5	22.25	22.25
eFDD 26 256QAM	low	50	10	-	-	18.23	11.5	11.5	22.37	22.37
eFDD 26 256QAM	mid	1	10	-	-	18.13	11.5	11.5	22.47	22.47
eFDD 26 256QAM	mid	50	10	-	-	18.04	11.5	11.5	22.56	22.56
eFDD 26 256QAM	high	1	10	-	-	17.77	11.5	11.5	22.83	22.83
eFDD 26 256QAM	high	50	10	-	-	18.00	11.5	11.5	22.60	22.60

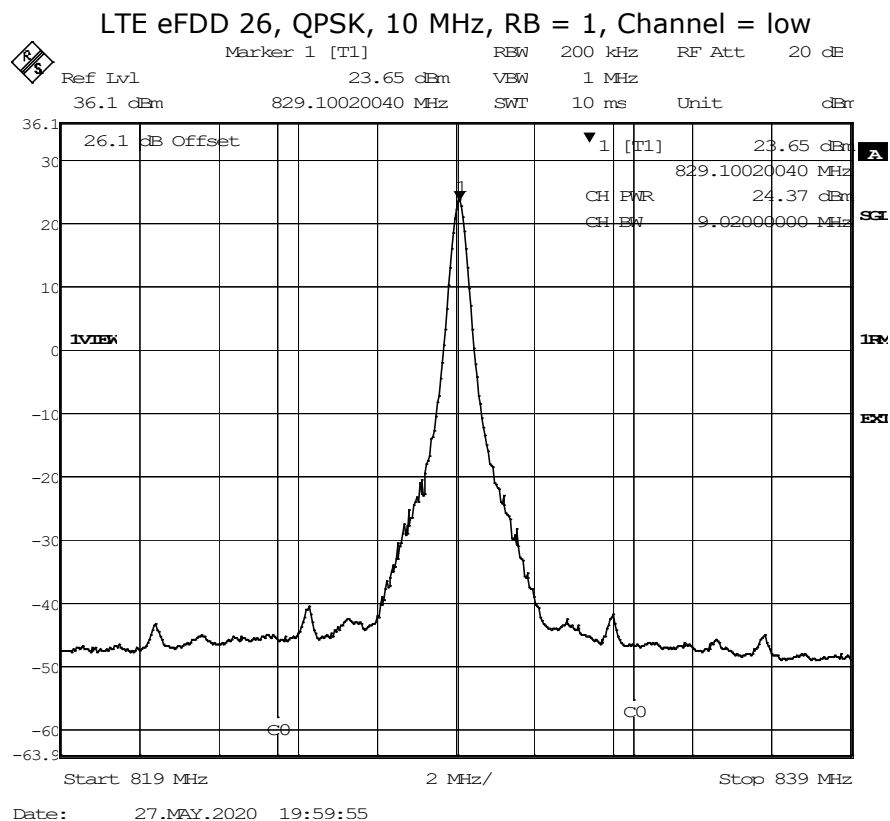
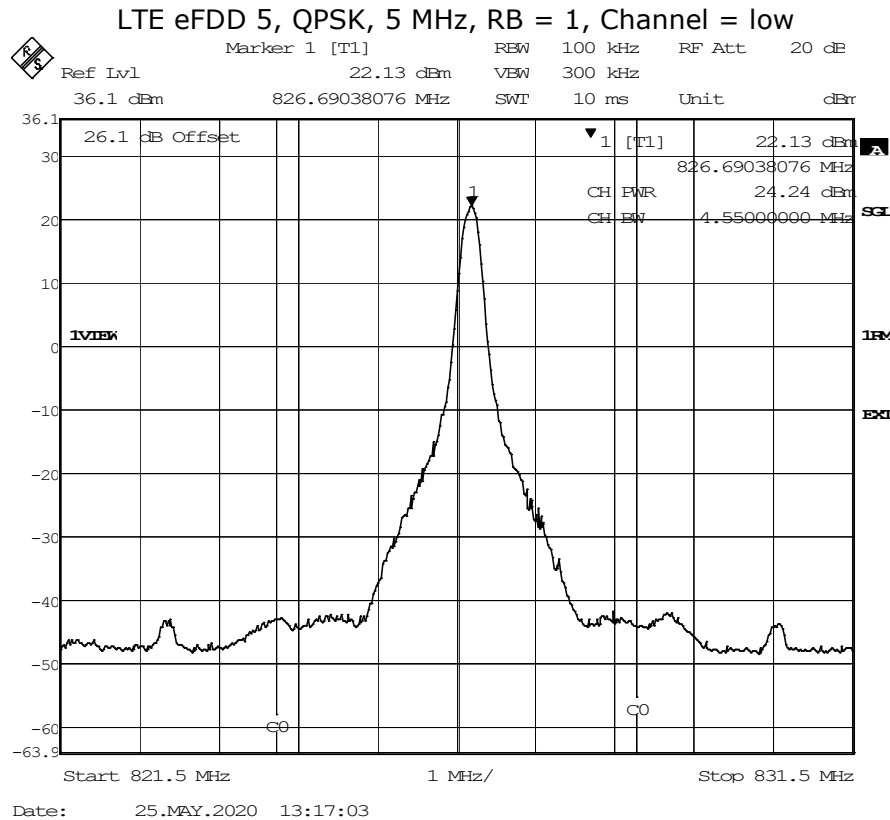
CA INTRA-BAND

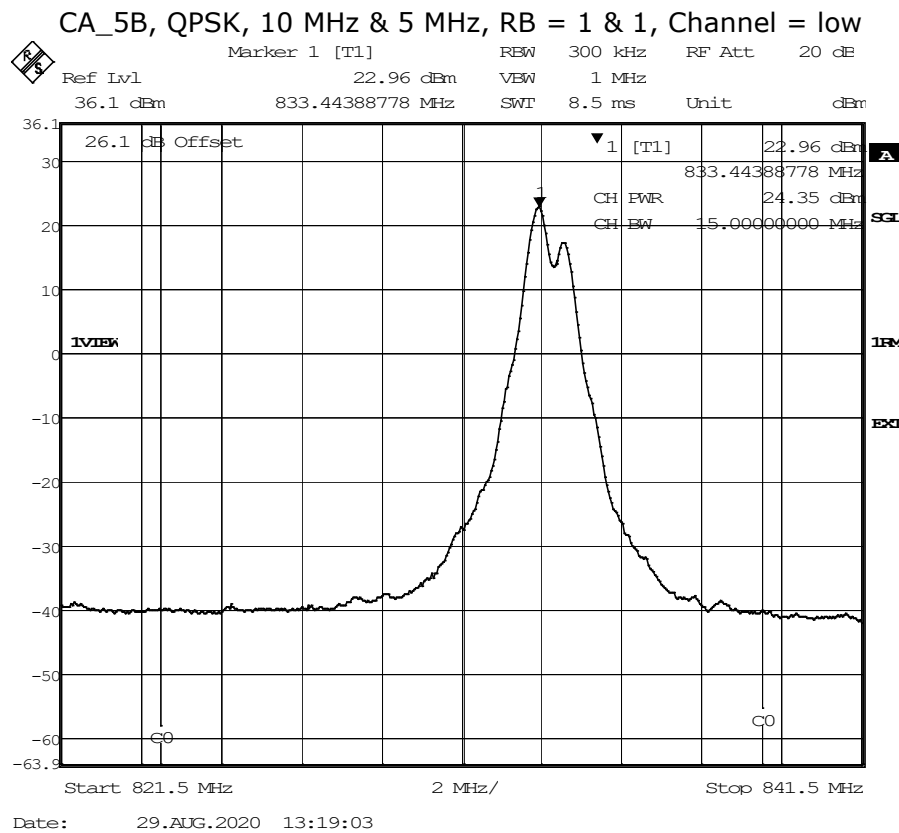
Radio Technology	Modulation	Channel	Ressource Blocks PCC	Ressource Blocks SCC1	BW PCC [MHz]	BW SCC1 [MHz]	RMS Conducted Power (dBm)
CA_5B	QPSK	low + low	25	50	5	10	22.14
CA_5B	QPSK	low + low	15	15	5	10	22.11
CA_5B	QPSK	low + low	1	1	5	10	21.25
CA_5B	QPSK	mid + mid	25	50	5	10	22.11
CA_5B	QPSK	mid + mid	15	15	5	10	22.10
CA_5B	QPSK	mid + mid	1	1	5	10	21.31
CA_5B	QPSK	high + high	25	50	5	10	22.06
CA_5B	QPSK	high + high	15	15	5	10	22.00
CA_5B	QPSK	high + high	1	1	5	10	23.94
CA_5B	16QAM	low + low	25	50	5	10	21.03
CA_5B	16QAM	low + low	15	15	5	10	21.11
CA_5B	16QAM	low + low	1	1	5	10	23.23
CA_5B	16QAM	mid + mid	25	50	5	10	21.04
CA_5B	16QAM	mid + mid	15	15	5	10	20.97
CA_5B	16QAM	mid + mid	1	1	5	10	23.06
CA_5B	16QAM	high + high	25	50	5	10	20.94
CA_5B	16QAM	high + high	15	15	5	10	20.95
CA_5B	16QAM	high + high	1	1	5	10	22.95
CA_5B	64QAM	low + low	25	50	5	10	21.13
CA_5B	64QAM	low + low	15	15	5	10	20.96
CA_5B	64QAM	low + low	1	1	5	10	21.26
CA_5B	64QAM	mid + mid	25	50	5	10	21.09
CA_5B	64QAM	mid + mid	15	15	5	10	21.01
CA_5B	64QAM	mid + mid	1	1	5	10	21.04
CA_5B	64QAM	high + high	25	50	5	10	21.09
CA_5B	64QAM	high + high	15	15	5	10	20.91
CA_5B	64QAM	high + high	1	1	5	10	21.04
CA_5B	256QAM	low + low	25	50	5	10	19.07
CA_5B	256QAM	low + low	15	15	5	10	18.94
CA_5B	256QAM	low + low	1	1	5	10	19.09
CA_5B	256QAM	mid + mid	25	50	5	10	19.11
CA_5B	256QAM	mid + mid	15	15	5	10	18.92
CA_5B	256QAM	mid + mid	1	1	5	10	19.01
CA_5B	256QAM	high + high	25	50	5	10	18.90
CA_5B	256QAM	high + high	15	15	5	10	18.82
CA_5B	256QAM	high + high	1	1	5	10	18.91
CA_5B	QPSK	low + low	50	25	10	5	22.21
CA_5B	QPSK	low + low	1	1	10	5	24.35
CA_5B	QPSK	mid + mid	50	25	10	5	22.24
CA_5B	QPSK	mid + mid	1	1	10	5	24.21
CA_5B	QPSK	high + high	50	25	10	5	22.12
CA_5B	QPSK	high + high	1	1	10	5	24.10
CA_5B	16QAM	low + low	50	25	10	5	21.12
CA_5B	16QAM	low + low	1	1	10	5	23.20
CA_5B	16QAM	mid + mid	50	25	10	5	21.15
CA_5B	16QAM	mid + mid	1	1	10	5	23.09
CA_5B	16QAM	high + high	50	25	10	5	20.97

CA_5B	16QAM	high + high	1	1	10	5	23.07
CA_5B	64QAM	low + low	50	25	10	5	21.12
CA_5B	64QAM	low + low	1	1	10	5	21.12
CA_5B	64QAM	mid + mid	50	25	10	5	21.14
CA_5B	64QAM	mid + mid	1	1	10	5	21.05
CA_5B	64QAM	high + high	50	25	10	5	20.96
CA_5B	64QAM	high + high	1	1	10	5	20.94
CA_5B	256QAM	low + low	50	25	10	5	19.10
CA_5B	256QAM	low + low	1	1	10	5	19.06
CA_5B	256QAM	mid + mid	50	25	10	5	19.01
CA_5B	256QAM	mid + mid	1	1	10	5	19.06
CA_5B	256QAM	high + high	50	25	10	5	18.82
CA_5B	256QAM	high + high	1	1	10	5	19.00
CA_5B	QPSK	low + low	50	50	10	10	22.26
CA_5B	QPSK	low + low	1	1	10	10	24.20
CA_5B	QPSK	mid + mid	50	50	10	10	22.26
CA_5B	QPSK	mid + mid	1	1	10	10	24.17
CA_5B	QPSK	high + high	50	50	10	10	22.21
CA_5B	QPSK	high + high	1	1	10	10	24.15
CA_5B	16QAM	low + low	50	50	10	10	21.12
CA_5B	16QAM	low + low	1	1	10	10	23.14
CA_5B	16QAM	mid + mid	50	50	10	10	21.12
CA_5B	16QAM	mid + mid	1	1	10	10	23.06
CA_5B	16QAM	high + high	50	50	10	10	21.10
CA_5B	16QAM	high + high	1	1	10	10	23.01
CA_5B	64QAM	low + low	50	50	10	10	21.11
CA_5B	64QAM	low + low	1	1	10	10	21.21
CA_5B	64QAM	mid + mid	50	50	10	10	21.10
CA_5B	64QAM	mid + mid	1	1	10	10	21.03
CA_5B	64QAM	high + high	50	50	10	10	21.08
CA_5B	64QAM	high + high	1	1	10	10	21.04
CA_5B	256QAM	high + high	50	50	10	10	21.78
CA_5B	256QAM	high + high	1	1	10	10	19.10
CA_5B	256QAM	high + high	50	50	10	10	21.53
CA_5B	256QAM	high + high	1	1	10	10	19.02
CA_5B	256QAM	high + high	50	50	10	10	19.28
CA_5B	256QAM	high + high	1	1	10	10	19.03

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

5.1.4 MEASUREMENT PLOT (SHOWING THE HIGHEST VALUE, "WORST CASE")





5.1.5 TEST EQUIPMENT USED

- Radio Lab

5.2 FREQUENCY STABILITY

Standard **FCC PART 22 Subpart H**

The test was performed according to:
ANSI C63.26: 2015

5.2.1 TEST DESCRIPTION

This test case is intended to demonstrate compliance to the applicable frequency stability test case per § 2.1055 and RSS-GEN 6.11. The limit and the requirements come from the applicable rule part and ISSED 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;
Frequency stability

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

5.2.2 TEST REQUIREMENTS / LIMITS

FCC Part 22, § 22.355

Except as otherwise provided in this part, the carrier frequency of each transmitter in the Public Mobile Services must be maintained within the tolerances given in Table C-1 of this section.

Table C-1—Frequency Tolerance for Transmitters in the Public Mobile Services

Frequency Range [MHz]	Mobile Devices > 3 W [ppm]	Mobile Devices ≤ 3 W [ppm]
25 – 50	20.0	50.0
50 – 450	5.0	50.0
450 – 512	5.0	5.0
821 – 896	2.5	2.5
928 - 929	n/a	n/a
929 – 960	n/a	n/a
2110 - 2220	n/a	n/a

RSS-132; 5.3 Frequency Stability

The carrier frequency shall not depart from the reference frequency in excess of ± 2.5 ppm for mobile stations.

In lieu of meeting the above stability values, the test report may show that the frequency stability is sufficient to ensure that the occupied bandwidth stays within each of the sub-bands (see Section 5.1) when tested to the temperature and supply voltage variations specified in RSS-Gen.

5.2.3 TEST PROTOCOL

LTE eFDD 5, QPSK

Temp. °C	Duration min	Voltage	Limit Hz	Freq. error Average (Hz)	Freq. error Max. (Hz)	Verdict
-30	0	normal	2091.25	-1	-3	passed
-30	5			-1	3	passed
-30	10			-1	-4	passed
-20	0	normal	2091.25	0	-2	passed
-20	5			-1	-3	passed
-20	10			-1	-3	passed
-10	0	normal	2091.25	1	4	passed
-10	5			-1	-2	passed
-10	10			0	-3	passed
0	0	normal	2091.25	-1	-4	passed
0	5			-1	-3	passed
0	10			-1	-3	passed
10	0	normal	2091.25	0	2	passed
10	5			2	-4	passed
10	10			-1	-4	passed
20	0	low	2091.25	2	7	passed
20	5			2	6	passed
20	10			-1	-4	passed
20	0	normal	2091.25	-1	-4	passed
20	5			-1	-3	passed
20	10			0	2	passed
20	0	high	2091.25	-2	-5	passed
20	5			-2	-4	passed
20	10			1	-3	passed
30	0	normal	2091.25	-1	-4	passed
30	5			-2	-5	passed
30	10			-1	-4	passed
40	0	normal	2091.25	0	-3	passed
40	5			0	-3	passed
40	10			-1	-4	passed
50	0	normal	2091.25	0	-3	passed
50	5			-1	-3	passed
50	10			0	-4	passed

COMMENT:

For eFDD26 the test "Frequency Stability" was performed on Channel 26740 (819 MHz) which is covered by Part 90.

5.2.4 TEST EQUIPMENT USED

- Radio Lab

5.3 SPURIOUS EMISSIONS AT ANTENNA TERMINALS

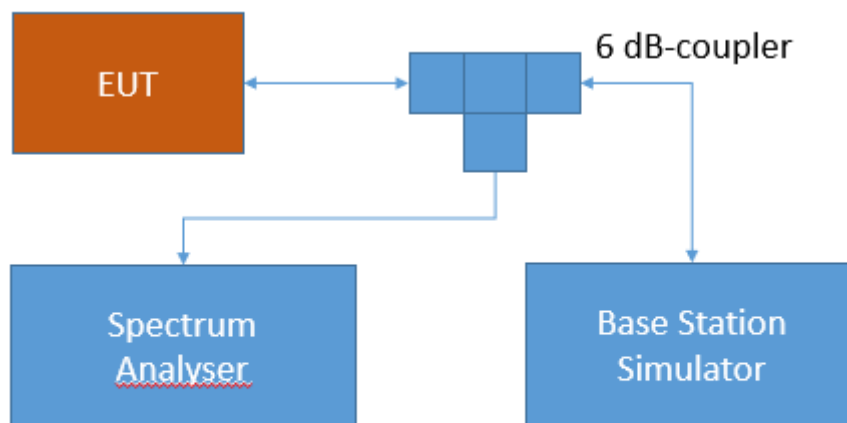
Standard **FCC PART 22 Subpart H**

The test was performed according to:
ANSI C63.26: 2015

5.3.1 TEST DESCRIPTION

This test case is intended to demonstrate compliance to the applicable conducted spurious emission test case per § 2.1051 and RSS-GEN 6.13. The limit comes from the applicable rule part and ISSED 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;
Spurious Emissions at antenna terminal

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.

5.3.2 TEST REQUIREMENTS / LIMITS

FCC Part 2.1051; Measurement required: Spurious emissions at antenna terminal:

The radio frequency voltage or powers generated within the equipment and appearing on a spurious frequency shall be checked at the equipment output terminals when properly loaded with a suitable artificial antenna. Curves or equivalent data shall show the magnitude of each harmonic and other spurious emission that can be detected when the equipment is operated under the conditions specified in §2.1049 as appropriate. The magnitude of spurious emissions which are attenuated more than 20 dB below the permissible value need not be specified.

Part 22, Subpart H – Cellular Radiotelephone Service

§22 917 – Emission limitations for cellular equipment

(a) *Out of band emissions.* The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

RSS-132; 5.5 Transmitter Unwanted Emissions

Mobile and base station equipment shall comply with the limits in (i) and (ii) below.

1. In the first 1.0 MHz band immediately outside and adjacent to each of the sub-bands specified in Section 5.1, the power of emissions per any 1% of the occupied bandwidth shall be attenuated (in dB) below the transmitter output power P (dBW) by at least $43 + 10 \log_{10} p$ (watts).
2. After the first 1.0 MHz immediately outside and adjacent to each of the sub-bands, the power of emissions in any 100 kHz bandwidth shall be attenuated (in dB) below the transmitter output power P (dBW) by at least $43 + 10 \log_{10} p$ (watts). If the measurement is performed using 1% of the occupied bandwidth, power integration over 100 kHz is required.

5.3.3 TEST PROTOCOL

Ambient temperature: 24 °C
Relative humidity: 38 %

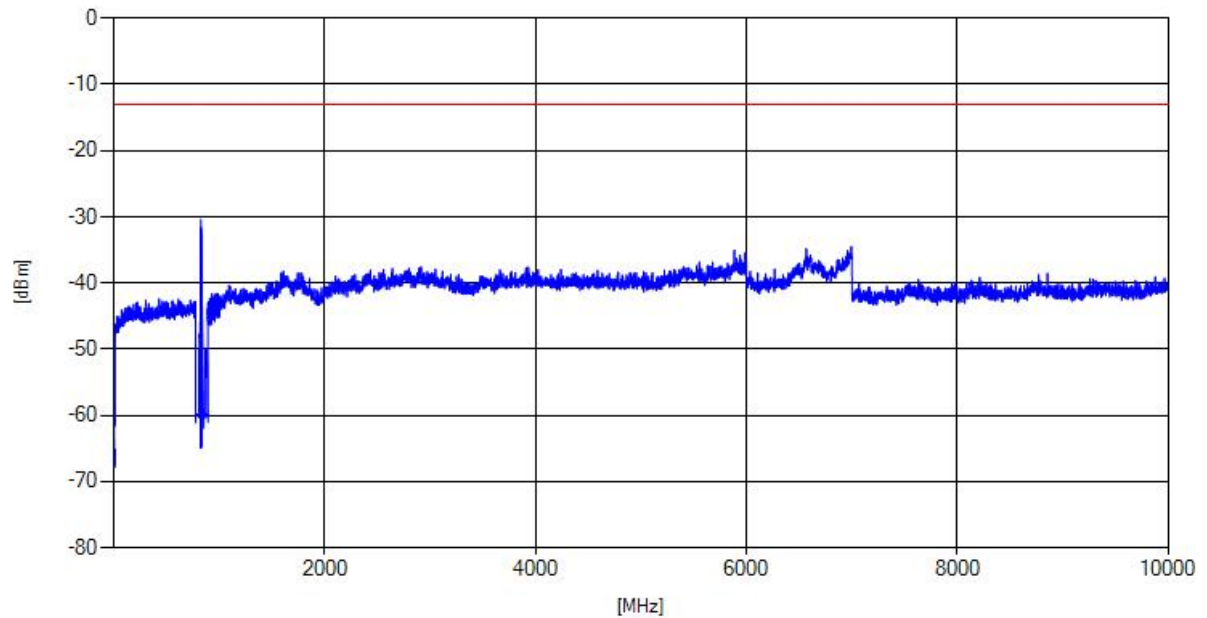
Radio Technology	Channel	Detector	Trace	Resolution Bandwidth /kHz	Frequency /MHz	Peak Value /dBm	Limit /dBm	Margin to Limit /dB
eFDD5	low	rms	maxhold	5	823.98	-31.57	-23	8.57
eFDD5	mid	rms	maxhold	-	-	-	-13	>20
eFDD5	high	rms	maxhold	5	849.01	-31.02	-13	18.02

Radio Technology	Channel	Detector	Trace	Resolution Bandwidth /kHz	Frequency /MHz	Peak Value /dBm	Limit /dBm	Margin to Limit /dB
eFDD26	low	rms	maxhold	5	823.99	-31.24	-23	8.24
eFDD26	mid	rms	maxhold	-	-	-	-13	>20
eFDD26	high	rms	maxhold	5	849.00	-32.01	-23	9.01

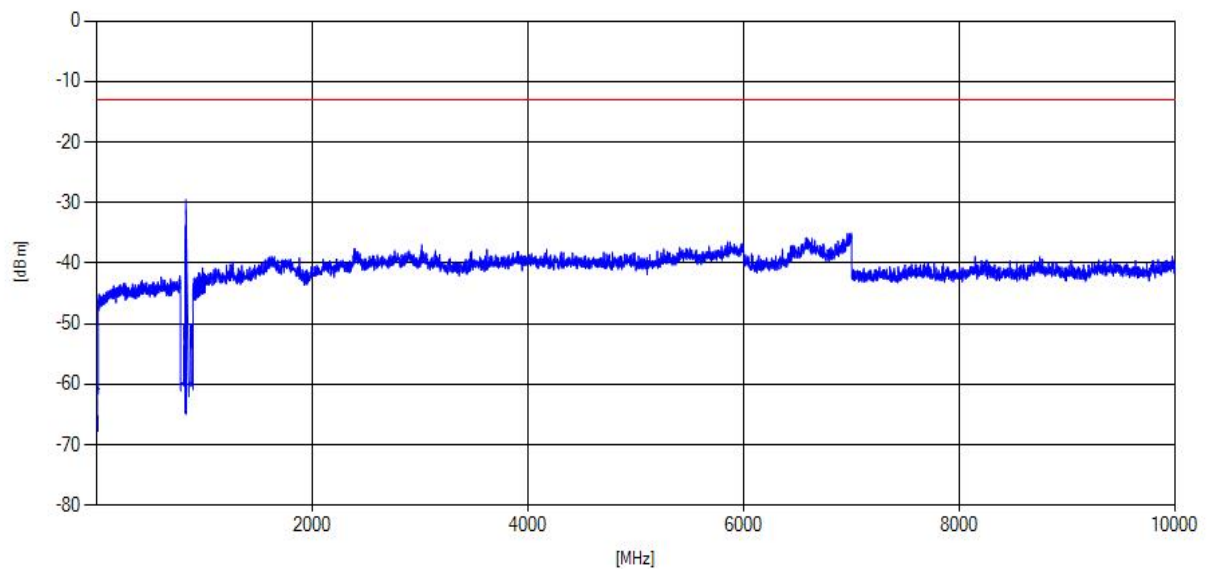
Remark: Please see next sub-clause for the measurement plot.

5.3.4 MEASUREMENT PLOT (SHOWING THE HIGHEST VALUE, "WORST CASE")

LTE eFDD5, QPSK, 5 MHz, RB = 1, Channel = low



LTE eFDD26, QPSK, 5 MHz, RB = 1, Channel = low



5.3.5 TEST EQUIPMENT USED

- Radio Lab

5.4 FIELD STRENGTH OF SPURIOUS RADIATION

Standard **FCC PART 22 Subpart H**

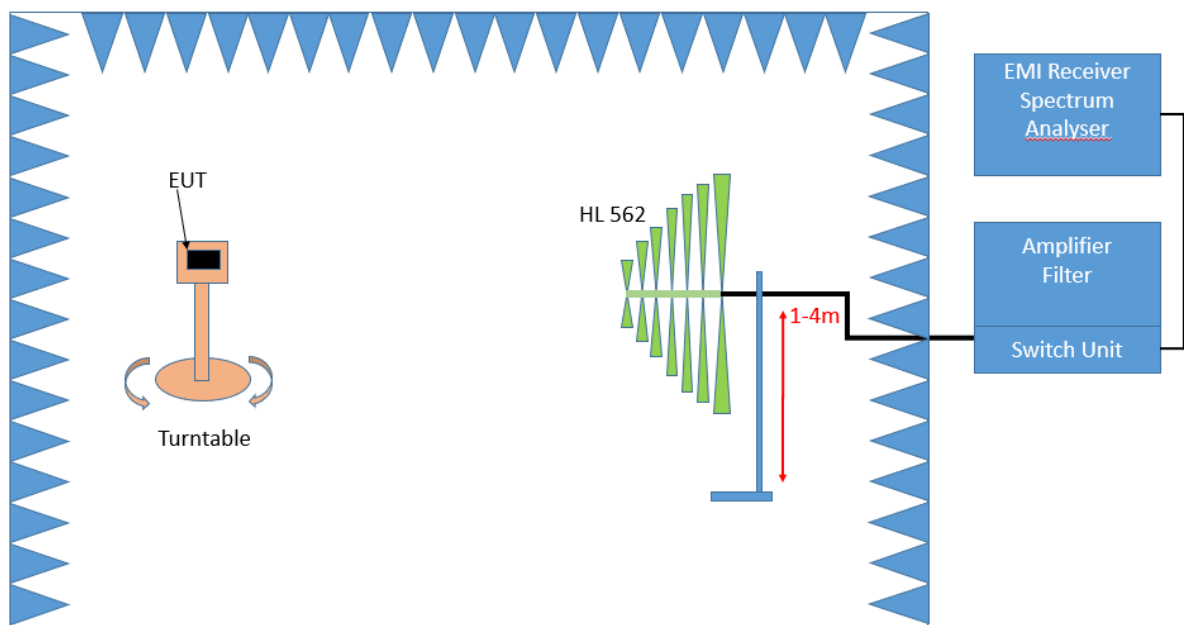
The test was performed according to:
ANSI C63.26: 2015

5.4.1 TEST DESCRIPTION

This test case is intended to demonstrate compliance to the applicable radiated spurious emission measurements per § 2.1053 and RSS-GEN 6.13. The limit and requirements come from the applicable rule part and ISSED RSS-Standard for the operating band of the cellular device.

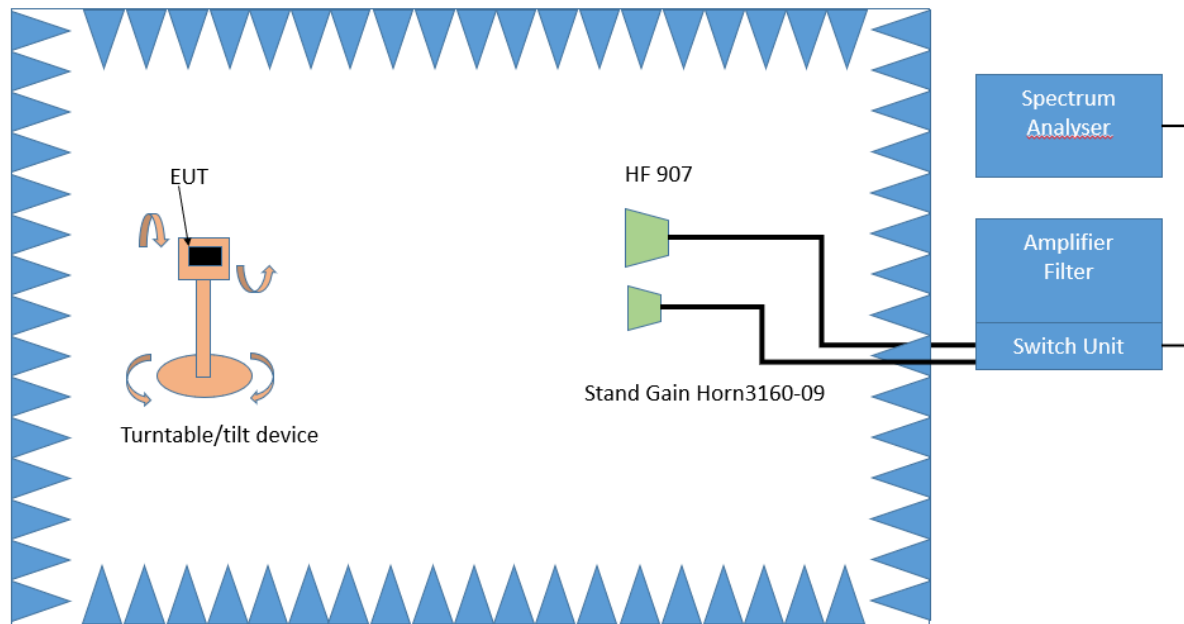
The EUT was connected to the test setup according to the following diagram:

Frequency Range: 30 MHz – 1 GHz:



Test Setup; Spurious Emission Radiated (SAC), 30 MHz- 1GHz

Frequency Range: 1 GHz – 26.5 GHz



Test Setup; Spurious Emission Radiated (FAC), 1 GHz-26.5 GHz

The test set-up was made in accordance to the general provisions of ANSI C63.26 in a typical installation configuration. The Equipment Under Test (EUT) was set up on a non-conductive table 1.0 x 2.0 m² in the semi-anechoic chamber. The influence of the EUT support table that is used between 30–1000 MHz was evaluated.

The measurement procedure is implemented into the EMI test software EMC32 from R&S. Exploratory tests are performed at 3 orthogonal axes to determine the worst-case orientation of a body-worn or handheld EUT. The final test on all kind of EUTs is also performed at 3 axes. A pre-check is performed while the EUT is powered from a DC power source.

1. Measurement above 30 MHz and up to 1 GHz

Step 1: Preliminary scan

This is a preliminary test to identify the highest amplitudes relative to the limit.

Settings for step 1:

- Antenna distance: 3 m
- Detector: Peak
- RBW: 100 kHz
- VBW: 300 kHz
- Sweep time: coupled
- Turntable angle range: -180° to 90°
- Turntable step size: 90°
- Height variation range: 1 – 4 m
- Height variation step size: 1.5 m
- Polarisation: Horizontal + Vertical

Intention of this step is, to determine the radiated EMI-profile of the EUT. Afterwards the relevant emissions for the final measurement are identified.

Step 2: Adjustment measurement

In this step the accuracy of the turntable azimuth and antenna height will be improved. This is necessary to find out the maximum value of every frequency.

For each frequency, which was determined the turntable azimuth and antenna height will be adjusted. The turntable azimuth will slowly vary by 360°. During this action, the value of emission is continuously measured. The turntable azimuth at the highest emission will be

recorded and adjusted. In this position, the antenna height will also slowly vary from 1 - 4 m. During this action, the value of emission is also continuously measured. The antenna height of the highest emission will also be recorded and adjusted.

- Detector: Peak
- Measured frequencies: in step 1 determined frequencies
- RBW: 100 kHz
- VBW: 300 kHz
- Sweep time: coupled
- Turntable angle range: 360
- Height variation range: 1 – 4 m
- Antenna Polarisation: max. value determined in step 1

Step 3: Final measurement with RMS detector

With the settings determined in step 3, the final measurement will be performed:

EMI receiver settings for step 4:

- Detector: RMS
- Measured frequencies: in step 1 determined frequencies
- RBW: 100 kHz
- VBW: 300 kHz
- Sweep time: 1 s

After the measurement a plot will be generated which contains a diagram with the results of the preliminary scan and a chart with the frequencies and values of the results of the final measurement.

3. Measurement above 1 GHz

The following modifications apply to the measurement procedure for the frequency range above 1 GHz:

Step 1:

The Equipment Under Test (EUT) was set up on a non-conductive support (tilt device) at 1.5 m height in the fully-anechoic chamber.

All steps were performed with one height (1.5 m) of the receiving antenna only.

The EUT is turned during the preliminary measurement across the elevation axis, with a step size of 45 °.

The turn table step size (azimuth angle) for the preliminary measurement is 45 °.

- Antenna distance: 3 m
- Detector: Peak
- RBW: 1 MHz
- VBW: 3 MHz
- Sweep time: coupled
- Turntable angle range: -180° to 135°
- Turntable step size: 45°
- Polarisation: Horizontal + Vertical

Step 2:

Due to the fact, that in this frequency range the test is performed in a fully anechoic room, the height scan of the receiving antenna instep 2 is omitted. Instead of this, a maximum search with a step size $\pm 45^\circ$ for the elevation axis is performed.

The turn table azimuth will slowly vary by $\pm 22.5^\circ$.

The elevation angle will slowly vary by $\pm 45^\circ$

EMI receiver settings (for all steps):

- Detector: Peak,
- RBW: 1 MHz
- VBW: 3 MHz
- Sweep time: coupled

Step 3:

Spectrum analyser settings for step 3:

- Detector: RMS
- Measured frequencies: in step 1 determined frequencies
- RBW: 1 MHz
- VBW: 3 MHz
- Sweep Time: 1 s

5.4.2 TEST REQUIREMENTS / LIMITS

FCC Part 2.1053; Measurement required: Field strength of spurious radiation:

Measurements shall be made to detect spurious emissions that may be radiated directly from the cabinet, control circuits, power leads, or intermediate circuit elements under normal conditions of installation and operation. Curves or equivalent data shall be supplied showing the magnitude of each harmonic and other spurious emission. For this test, single sideband, independent sideband, and controlled carrier transmitters shall be modulated under the conditions specified in paragraph (c) of §2.1049, as appropriate.

Part 22, Subpart H – Cellular Radiotelephone Service**§ 22.917 – Emission limitations for cellular equipment**

(a) *Out of band emissions.* The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

RSS-132; 5.5 Transmitter Unwanted Emissions

Mobile and base station equipment shall comply with the limits in (i) and (ii) below.

1. In the first 1.0 MHz band immediately outside and adjacent to each of the sub-bands specified in Section 5.1, the power of emissions per any 1% of the occupied bandwidth shall be attenuated (in dB) below the transmitter output power P (dBW) by at least $43 + 10 \log_{10} P$ (watts).
2. After the first 1.0 MHz immediately outside and adjacent to each of the sub-bands, the power of emissions in any 100 kHz bandwidth shall be attenuated (in dB) below the transmitter output power P (dBW) by at least $43 + 10 \log_{10} P$ (watts). If the measurement is performed using 1% of the occupied bandwidth, power integration over 100 kHz is required.

5.4.3 TEST PROTOCOL

Ambient temperature: 22 °C
Relative humidity: 35 %

Radio Technology	Channel	Detector	Trace	Resolution Bandwidth /kHz	Frequency /MHz	Peak Value /dBm	Limit /dBm	Margin to Limit /dB
eFDD5	low	peak	maxhold	1000	1648.6	-27.99	-13	14.99
eFDD5	mid	peak	maxhold	1000	1672.9	-27.06	-13	14.06
eFDD5	high	peak	maxhold	1000	1697.2	-24.93	-13	11.93

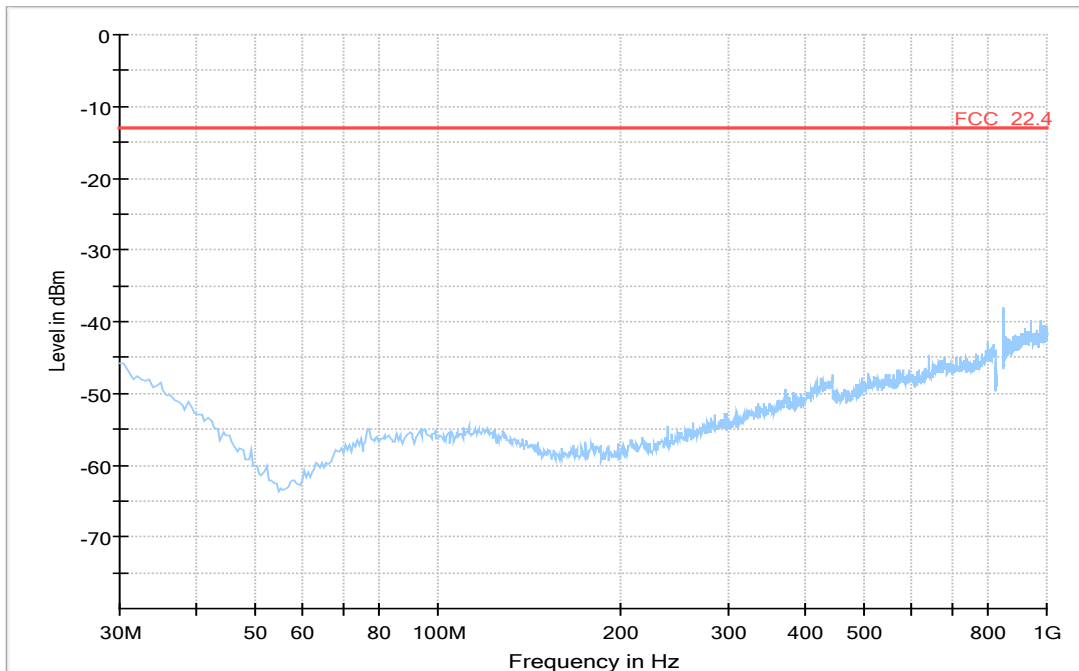
Radio Technology	Channel	Detector	Trace	Resolution Bandwidth /kHz	Frequency /MHz	Peak Value /dBm	Limit /dBm	Margin to Limit /dB
eFDD26	low	peak	maxhold	1000	1652.2	-30.99	-23	7.99
eFDD26	mid	peak	maxhold	1000	1672.9	-28.84	-13	15.84
eFDD26	high	peak	maxhold	1000	1693.60	-26.34	-23	3.34

Radio Technology	Channel	Detector	Trace	Resolution Bandwidth /kHz	Frequency /MHz	Peak Value /dBm	Limit /dBm	Margin to Limit /dB
CA_5B	low	rms	maxhold	100	824.0	-30.4	-13	17.4
CA_5B	mid	rms	maxhold	100	824.0	-33.89	-13	20.9
CA_5B	high	rms	maxhold	100	823.9	-32.5	-13	19.5
CA_5B	high	rms	maxhold	100	849.2	-30.8	-13	17.8

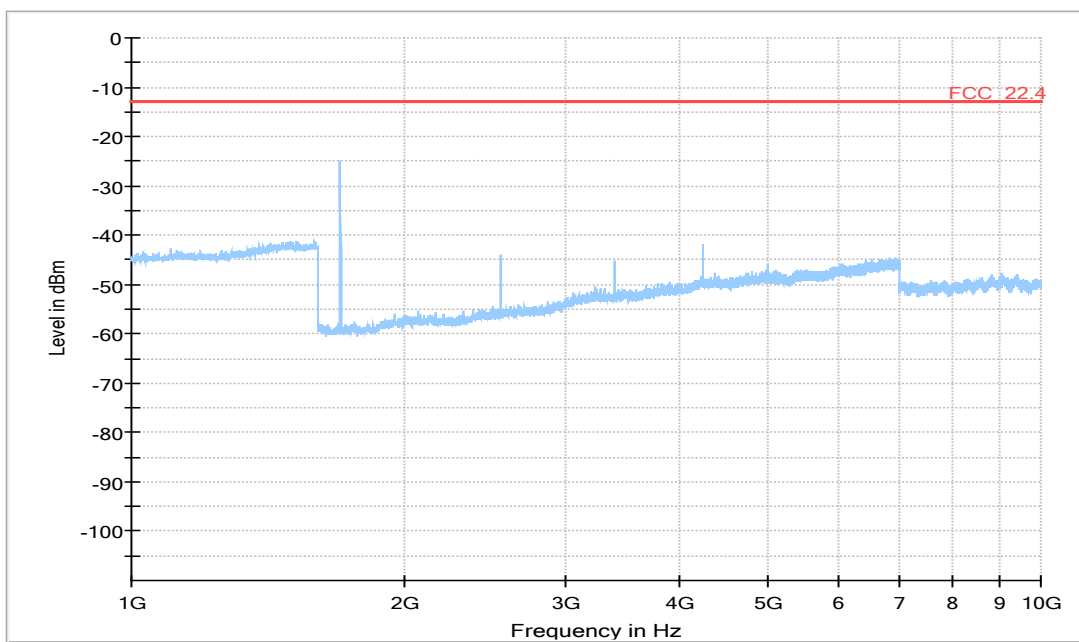
Remark: Please see next sub-clause for the measurement plot.

5.4.4 MEASUREMENT PLOT (SHOWING THE HIGHEST VALUE, "WORST CASE")

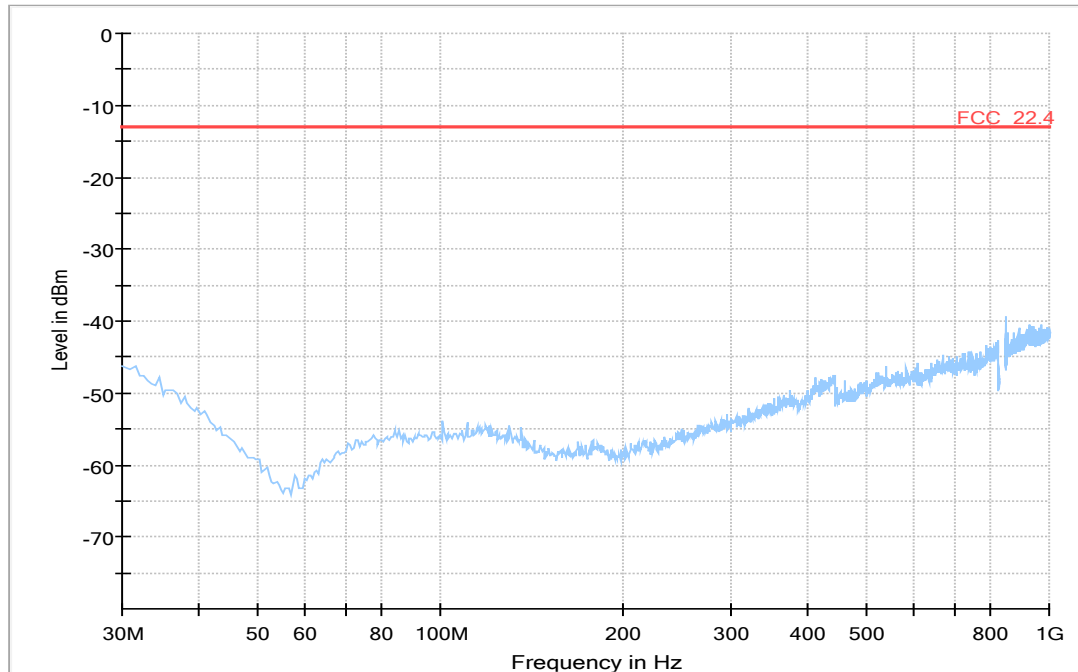
LTE eFDD5, QPSK, 5 MHz, RB = 1, Channel = high
30 MHz – 1 GHz



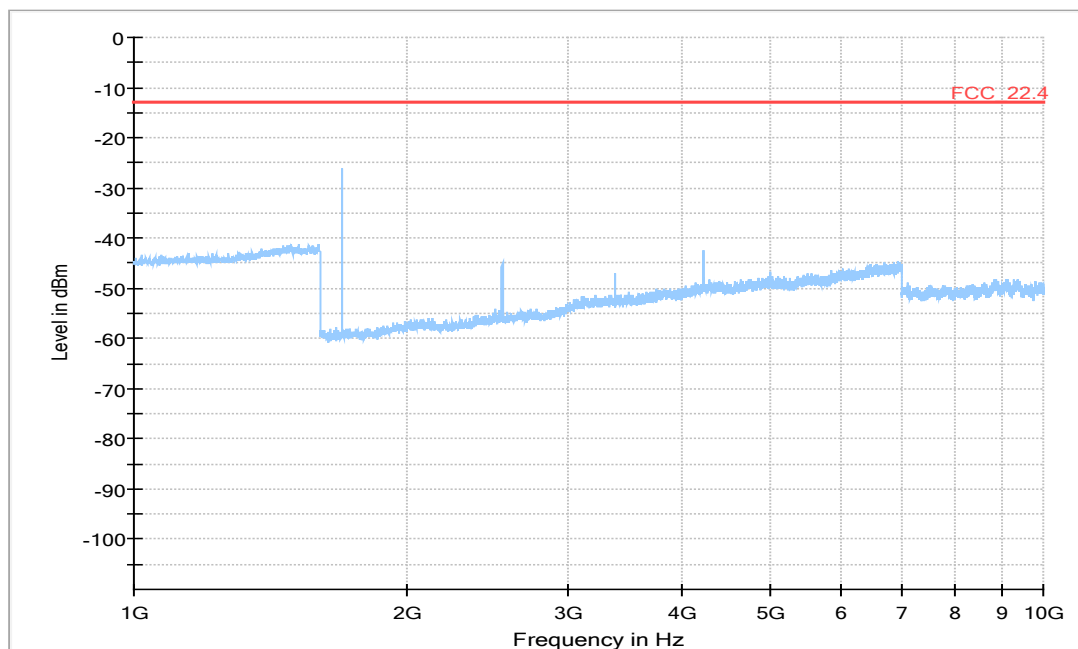
1 GHz – 10 GHz



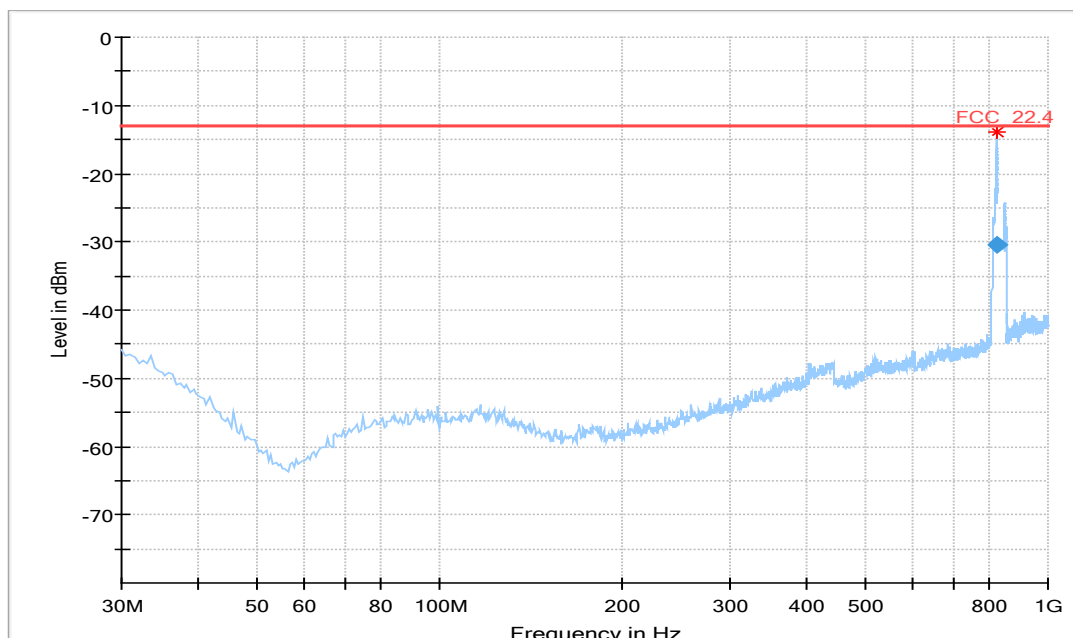
LTE eFDD26, QPSK, 5 MHz, RB = 1, Channel = high
30 MHz – 1 GHz



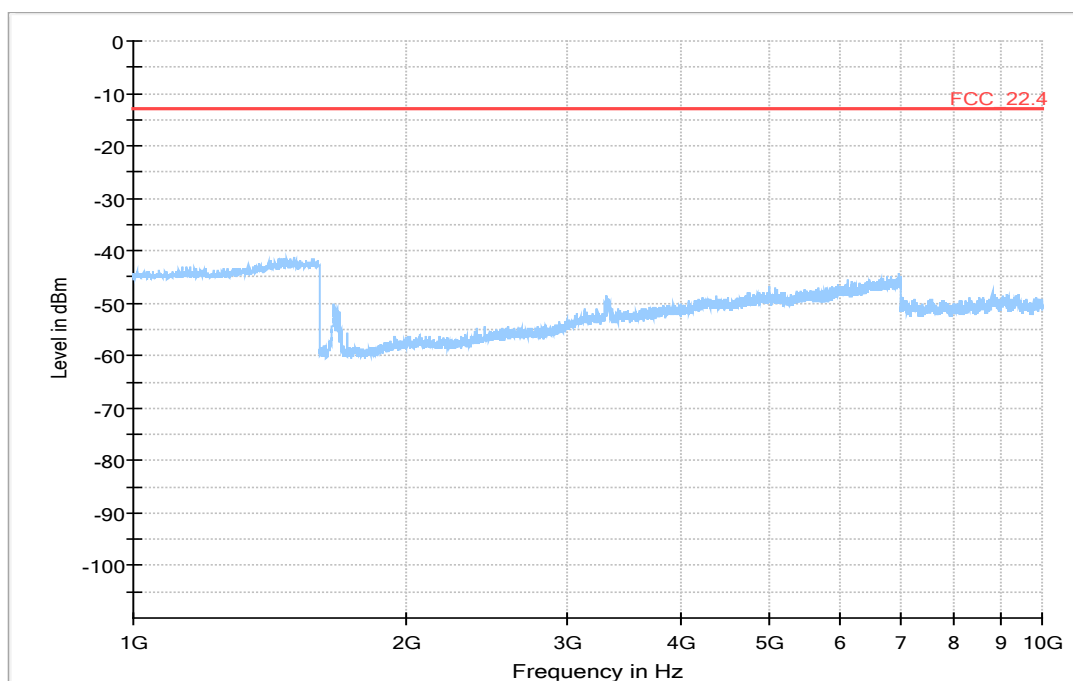
1 GHz – 10 GHz



CA_5B, QPSK, 10 MHz & 10 MHz, RB = 25 & 25, Channel = low
30 MHz – 1 GHz



1 GHz – 10 GHz



5.4.5 TEST EQUIPMENT USED

- Radiated Emissions

5.5 EMISSION AND OCCUPIED BANDWIDTH

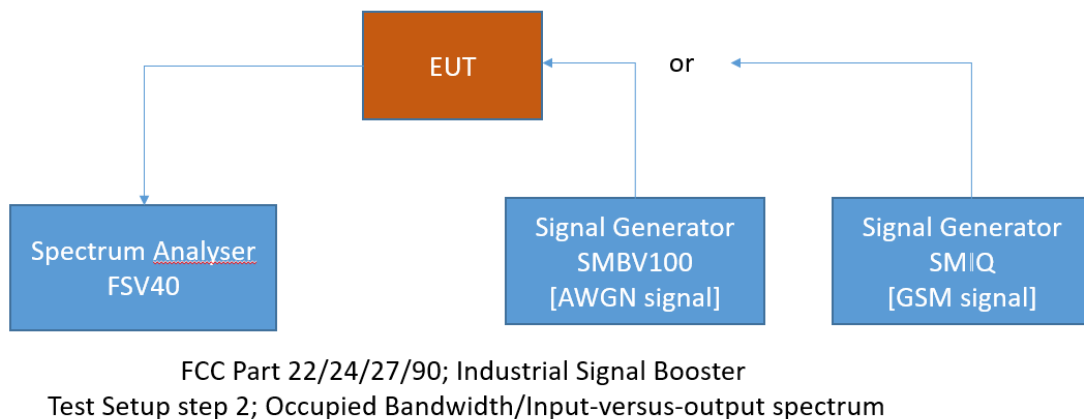
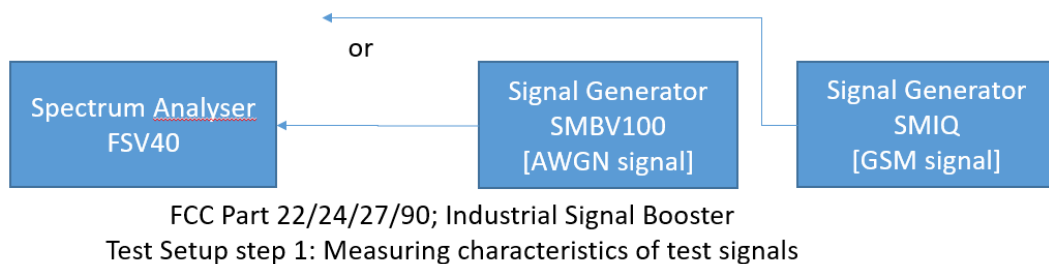
Standard **FCC PART 22 Subpart H**

The test was performed according to:
ANSI C63.26: 2015

5.5.1 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 ISSED RSS-Standard for the operating band of the cellular device.

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



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.

5.5.2 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; 6.6 Occupied Bandwidth

The emission bandwidth ($\times$ 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 $\times$ 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 $3\times$ 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.

5.5.3 TEST PROTOCOL

Ambient temperature: 22 °C
Relative humidity: 35 %

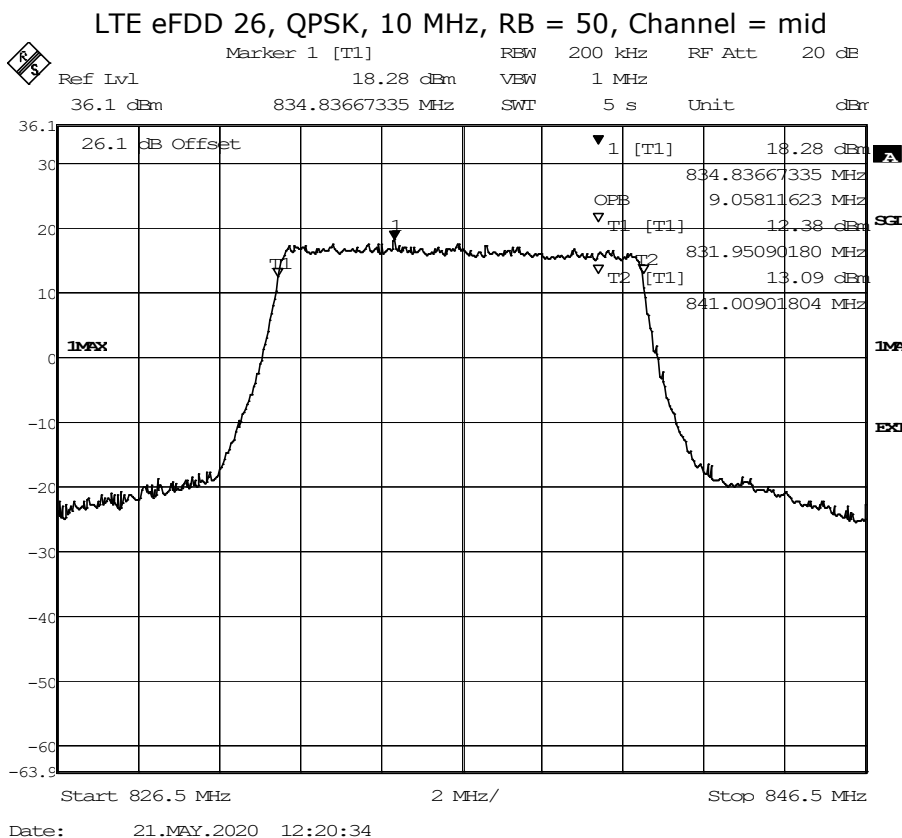
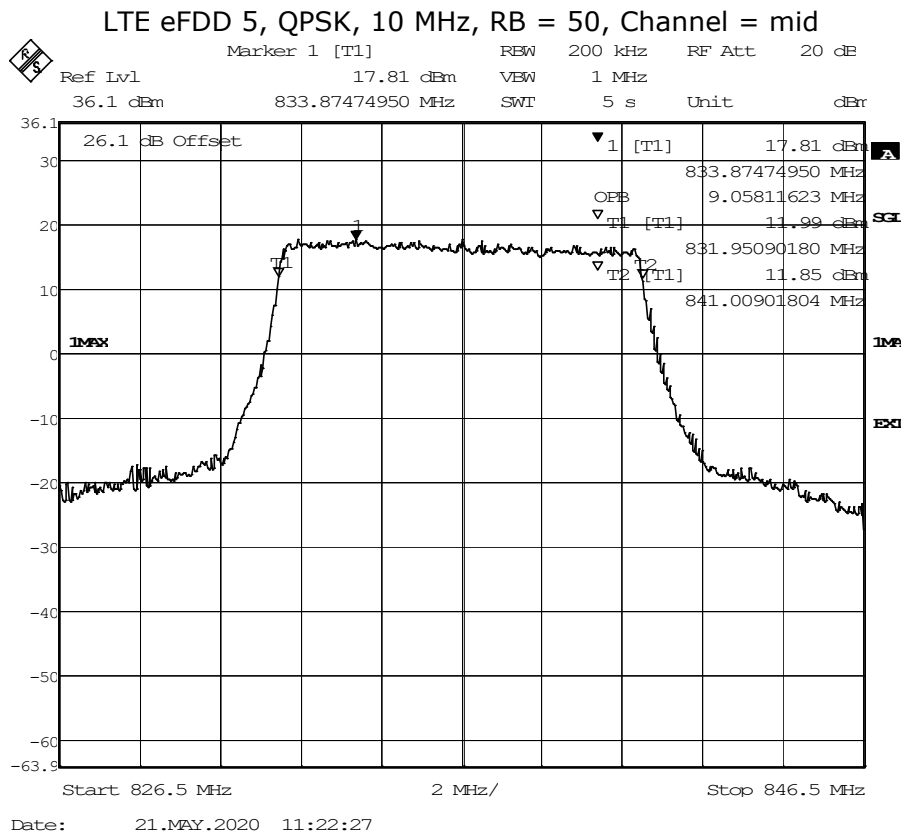
Radio Technology	Channel	Ressource Blocks	Bandwidth (MHz)	Nominal BW [MHz]	26 dB BW [kHz]	99 % BW [kHz]
eFDD 5 QPSK	low	6	1.4	1.4	-	1112.22
eFDD 5 QPSK	mid	6	1.4	1.4	-	1106.21
eFDD 5 QPSK	high	6	1.4	1.4	-	1106.21
eFDD 5 16QAM	low	6	1.4	1.4	-	1118.24
eFDD 5 16QAM	mid	6	1.4	1.4	-	1112.22
eFDD 5 16QAM	high	6	1.4	1.4	-	1112.22
eFDD 5 64QAM	low	6	1.4	1.4	-	1118.24
eFDD 5 64QAM	mid	6	1.4	1.4	-	1118.24
eFDD 5 64QAM	high	6	1.4	1.4	-	1106.21
eFDD 5 QPSK	low	15	3	3	-	2777.56
eFDD 5 QPSK	mid	15	3	3	-	2777.56
eFDD 5 QPSK	high	15	3	3	-	2789.58
eFDD 5 16QAM	low	15	3	3	-	2789.58
eFDD 5 16QAM	mid	15	3	3	-	2777.56
eFDD 5 16QAM	high	15	3	3	-	2777.56
eFDD 5 64QAM	low	15	3	3	-	2801.60
eFDD 5 64QAM	mid	15	3	3	-	2765.53
eFDD 5 64QAM	high	15	3	3	-	2789.58
eFDD 5 QPSK	low	25	5	5	-	4549.10
eFDD 5 QPSK	mid	25	5	5	-	4549.10
eFDD 5 QPSK	high	25	5	5	-	4569.14
eFDD 5 16QAM	low	25	5	5	-	4569.14
eFDD 5 16QAM	mid	25	5	5	-	4569.14
eFDD 5 16QAM	high	25	5	5	-	4549.10
eFDD 5 64QAM	low	25	5	5	-	4569.14
eFDD 5 64QAM	mid	25	5	5	-	4589.18
eFDD 5 64QAM	high	25	5	5	-	4569.14
eFDD 5 QPSK	low	50	10	10	-	9058.12
eFDD 5 QPSK	mid	50	10	10	-	9058.12
eFDD 5 QPSK	high	50	10	10	-	9058.12
eFDD 5 16QAM	low	50	10	10	-	9098.20
eFDD 5 16QAM	mid	50	10	10	-	9058.12
eFDD 5 16QAM	high	50	10	10	-	9058.12
eFDD 5 64QAM	low	50	10	10	-	9058.12
eFDD 5 64QAM	mid	50	10	10	-	9098.20
eFDD 5 64QAM	high	50	10	10	-	9058.12
eFDD 26 QPSK	low	6	1.4	1.4	-	1100.20
eFDD 26 QPSK	mid	6	1.4	1.4	-	1100.20
eFDD 26 QPSK	high	6	1.4	1.4	-	1118.24

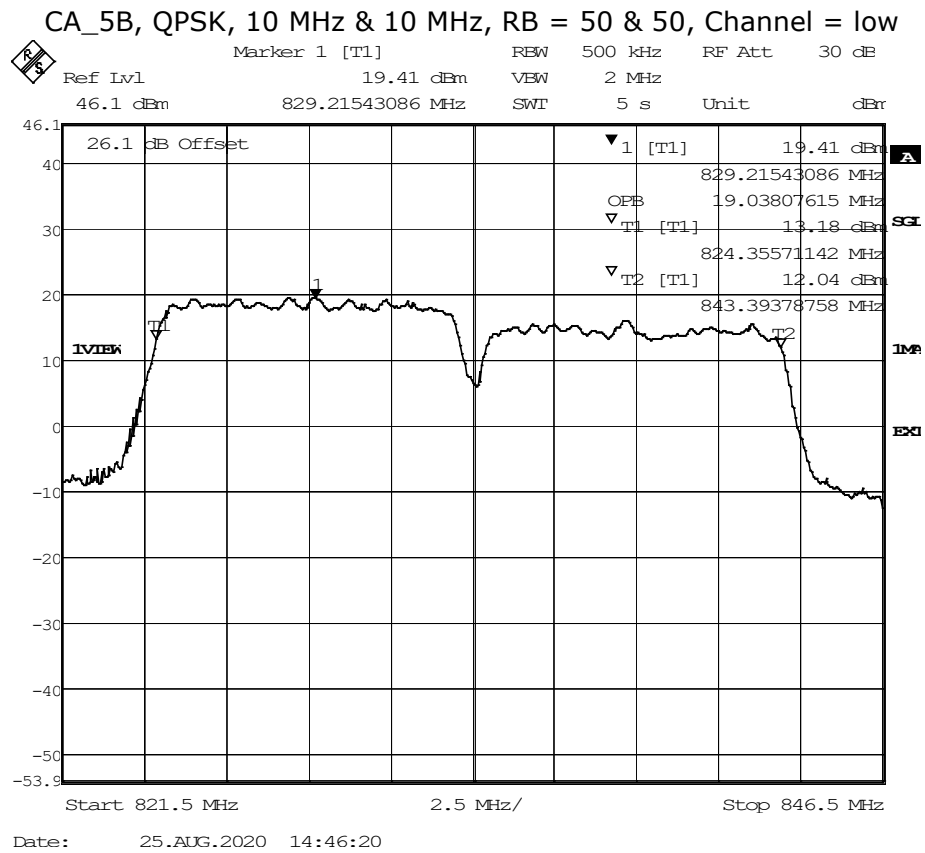
eFDD 26 16QAM	low	6	1.4	1.4	-	1106.21
eFDD 26 16QAM	mid	6	1.4	1.4	-	1112.22
eFDD 26 16QAM	high	6	1.4	1.4	-	1112.22
eFDD 2 64QAM	low	6	1.4	1.4	-	1106.21
eFDD 2 64QAM	mid	6	1.4	1.4	-	1106.21
eFDD 2 64QAM	high	6	1.4	1.4	-	1124.25
eFDD 26 QPSK	low	15	3	3	-	2789.58
eFDD 26 QPSK	mid	15	3	3	-	2777.56
eFDD 26 QPSK	high	15	3	3	-	2777.56
eFDD 26 16QAM	low	15	3	3	-	2777.56
eFDD 26 16QAM	mid	15	3	3	-	2777.56
eFDD 26 16QAM	high	15	3	3	-	2777.56
eFDD 26 64QAM	low	15	3	3	-	2777.56
eFDD 26 64QAM	mid	15	3	3	-	2765.53
eFDD 26 64QAM	high	15	3	3	-	2801.60
eFDD 26 QPSK	low	25	5	5	-	4569.14
eFDD 26 QPSK	mid	25	5	5	-	4569.14
eFDD 26 QPSK	high	25	5	5	-	4569.14
eFDD 26 16QAM	low	25	5	5	-	4569.14
eFDD 26 16QAM	mid	25	5	5	-	4569.14
eFDD 26 16QAM	high	25	5	5	-	4549.10
eFDD 26 64QAM	low	25	5	5	-	4569.14
eFDD 26 64QAM	mid	25	5	5	-	4569.14
eFDD 26 64QAM	high	25	5	5	-	4549.09
eFDD 26 QPSK	low	50	10	10	-	9018.04
eFDD 26 QPSK	mid	50	10	10	-	9058.12
eFDD 26 QPSK	high	50	10	10	-	9018.04
eFDD 26 16QAM	low	50	10	10	-	9098.20
eFDD 26 16QAM	mid	50	10	10	-	9058.12
eFDD 26 16QAM	high	50	10	10	-	9058.12
eFDD 26 64QAM	low	50	10	10	-	9058.12
eFDD 26 64QAM	mid	50	10	10	-	9058.12
eFDD 26 64QAM	high	50	10	10	-	9058.12

Radio Technology	Modulation	Channel	Ressource Blocks PCC	Ressource Blocks SCC1	BW PCC [MHz]	BW SCC1 [MHz]	99% BW [MHz]
CA_5B	QPSK	low + low	25	50	5	10	14.28
CA_5B	QPSK	mid + mid	25	50	5	10	14.23
CA_5B	QPSK	high + high	25	50	5	10	14.28
CA_5B	16QAM	low + low	25	50	5	10	14.28
CA_5B	16QAM	mid + mid	25	50	5	10	14.18
CA_5B	16QAM	high + high	25	50	5	10	14.18
CA_5B	64QAM	low + low	25	50	5	10	14.23
CA_5B	64QAM	mid + mid	25	50	5	10	14.23
CA_5B	64QAM	high + high	25	50	5	10	14.23
CA_5B	QPSK	low + low	50	25	10	5	14.13
CA_5B	QPSK	mid + mid	50	25	10	5	14.23
CA_5B	QPSK	high + high	50	25	10	5	14.23
CA_5B	16QAM	low + low	50	25	10	5	14.23
CA_5B	16QAM	mid + mid	50	25	10	5	14.33
CA_5B	16QAM	high + high	50	25	10	5	14.18
CA_5B	64QAM	low + low	50	25	10	5	14.28
CA_5B	64QAM	mid + mid	50	25	10	5	14.23
CA_5B	64QAM	high + high	50	25	10	5	14.18
CA_5B	QPSK	low + low	50	50	10	10	19.04
CA_5B	QPSK	mid + mid	50	50	10	10	18.99
CA_5B	QPSK	high + high	50	50	10	10	18.99
CA_5B	16QAM	low + low	50	50	10	10	19.04
CA_5B	16QAM	mid + mid	50	50	10	10	18.94
CA_5B	16QAM	high + high	50	50	10	10	18.99
CA_5B	64QAM	low + low	50	50	10	10	19.04
CA_5B	64QAM	mid + mid	50	50	10	10	18.98
CA_5B	64QAM	high + high	50	50	10	10	19.04

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

5.5.4 MEASUREMENT PLOT (SHOWING THE HIGHEST VALUE, "WORST CASE")





5.5.5 TEST EQUIPMENT USED

- Radio Lab

5.6 BAND EDGE COMPLIANCE

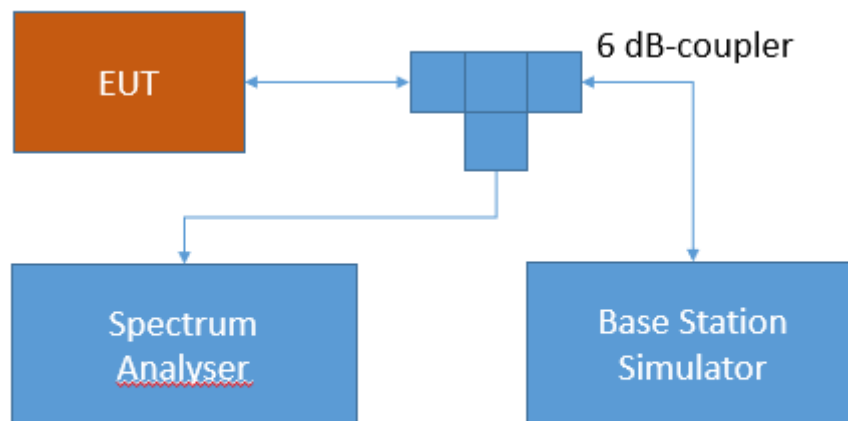
Standard **FCC PART 22 Subpart H**

The test was performed according to:
ANSI C63.26: 2015

5.6.1 TEST DESCRIPTION

This test case is intended to demonstrate compliance to the applicable conducted spurious emission test case per § 2.1051 and RSS-GEN 6.13. The limit comes from the applicable rule part and ISSED 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;
Band edge compliance

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.

5.6.2 TEST REQUIREMENTS / LIMITS

FCC Part 2.1051; Measurement required: Spurious emissions at antenna terminal:

The radio frequency voltage or powers generated within the equipment and appearing on a spurious frequency shall be checked at the equipment output terminals when properly loaded with a suitable artificial antenna. Curves or equivalent data shall show the magnitude of each harmonic and other spurious emission that can be detected when the equipment is operated under the conditions specified in §2.1049 as appropriate. The magnitude of spurious emissions which are attenuated more than 20 dB below the permissible value need not be specified.

Part 22, Subpart H – Cellular Radiotelephone Service

§22 917 – Emission limitations for cellular equipment

(a) *Out of band emissions.* The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

RSS-132; 5.5 Transmitter Unwanted Emissions

Mobile and base station equipment shall comply with the limits in (i) and (ii) below.

1. In the first 1.0 MHz band immediately outside and adjacent to each of the sub-bands specified in Section 5.1, the power of emissions per any 1% of the occupied bandwidth shall be attenuated (in dB) below the transmitter output power P (dBW) by at least $43 + 10 \log_{10} p$ (watts).
2. After the first 1.0 MHz immediately outside and adjacent to each of the sub-bands, the power of emissions in any 100 kHz bandwidth shall be attenuated (in dB) below the transmitter output power P (dBW) by at least $43 + 10 \log_{10} p$ (watts). If the measurement is performed using 1% of the occupied bandwidth, power integration over 100 kHz is required.

5.6.3 TEST PROTOCOL

Ambient temperature: 22 °C
Relative humidity: 35 %

Radio Technology	Channel	Ressource Blocks	Bandwidth [MHz]	Peak [dBm]	Average [dBm]	RMS [dBm]	Limit [dBm]	Margin to Limit [dB]
eFDD 5 QPSK	low	6	1.4	-16.01	-27.53	-26.18	-13	13.18
eFDD 5 QPSK	high	6	1.4	-18.36	-29.47	-27.88	-13	14.88
eFDD 5 16QAM	low	6	1.4	-16.11	-27.42	-26.02	-13	13.02
eFDD 5 16QAM	high	6	1.4	-18.96	-29.10	-28.10	-13	15.10
eFDD 5 64QAM	low	6	1.4	-16.02	-28.58	-27.21	-13	14.21
eFDD 5 64QAM	high	6	1.4	-17.72	-29.92	-28.58	-13	15.58
eFDD 5 QPSK	low	15	3	-9.56	-26.80	-23.48	-13	10.48
eFDD 5 QPSK	high	15	3	-13.15	-28.84	-25.66	-13	12.66
eFDD 5 16QAM	low	15	3	-11.04	-26.40	-23.76	-13	10.76
eFDD 5 16QAM	high	15	3	-13.50	-28.34	-25.66	-13	12.66
eFDD 5 64QAM	low	15	3	-13.06	-27.64	-24.50	-13	11.50
eFDD 5 64QAM	high	15	3	-13.12	-29.10	-26.60	-13	13.60
eFDD 5 QPSK	low	25	5	-10.43	-27.21	-23.76	-13	10.76
eFDD 5 QPSK	high	25	5	-12.32	-28.34	-25.15	-13	12.15
eFDD 5 16QAM	low	25	5	-11.67	-27.64	-24.50	-13	11.50
eFDD 5 16QAM	high	25	5	-12.02	-28.84	-25.84	-13	12.84
eFDD 5 64QAM	low	25	5	-12.12	-28.10	-25.15	-13	12.15
eFDD 5 64QAM	high	25	5	-12.81	-29.64	-27.21	-13	14.21
eFDD 5 QPSK	low	50	10	-10.54	-31.17	-27.42	-13	14.42
eFDD 5 QPSK	high	50	10	-13.36	-30.84	-28.34	-13	15.34

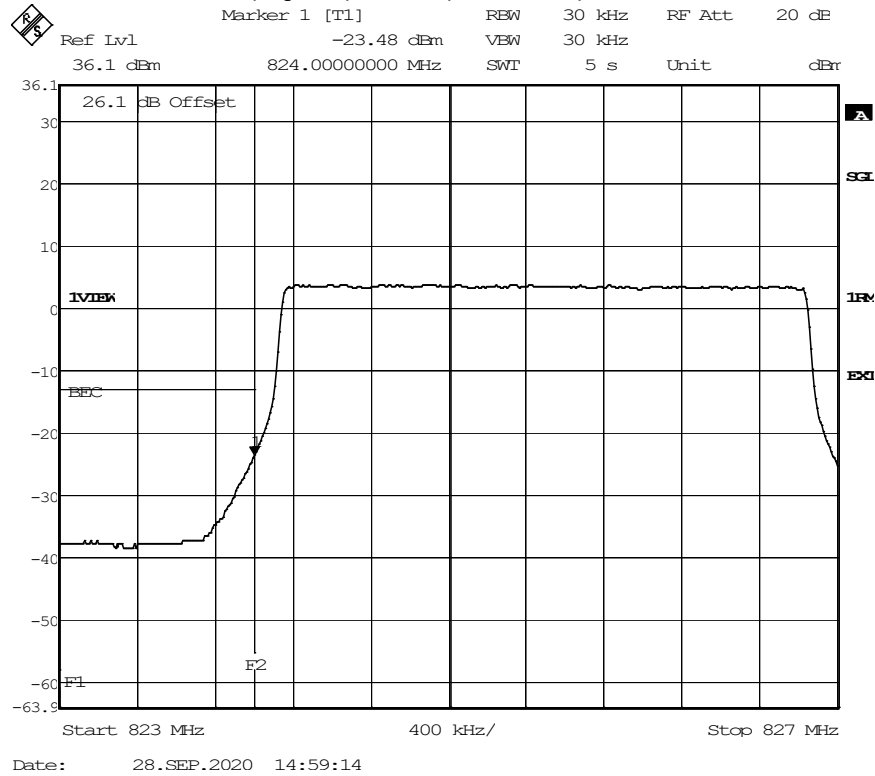
eFDD 5 16QAM	low	50	10	-11.00	-30.84	-27.42	-13	14.42
eFDD 5 16QAM	high	50	10	-14.12	-31.17	-28.84	-13	15.84
eFDD 5 64QAM	low	50	10	-12.11	-31.51	-28.58	-13	15.58
eFDD 5 64QAM	high	50	10	-14.00	-32.23	-29.92	-13	16.92
eFDD 26 QPSK	low	6	1.4	-15.86	-27.42	-25.66	-13	12.66
eFDD 26 QPSK	high	6	1.4	-16.54	-30.22	-27.87	-13	14.87
eFDD 26 16QAM	low	6	1.4	-16.72	-27.64	-26.02	-13	13.02
eFDD 26 16QAM	high	6	1.4	-17.47	-30.22	-28.34	-13	15.34
eFDD 26 64QAM	low	6	1.4	-17.52	-29.10	-27.87	-13	14.87
eFDD 26 64QAM	high	6	1.4	-19.31	-31.17	-29.64	-13	16.64
eFDD 26 QPSK	low	15	3	-11.31	-26.40	-23.07	-13	10.07
eFDD 26 QPSK	high	15	3	-14.03	-28.58	-24.98	-13	11.98
eFDD 26 16QAM	low	15	3	-12.97	-26.60	-23.76	-13	10.76
eFDD 26 16QAM	high	15	3	-12.93	-28.58	-25.84	-13	12.84
eFDD 26 64QAM	low	15	3	-13.26	-28.10	-25.15	-13	12.15
eFDD 26 64QAM	high	15	3	-16.31	-30.22	-27.64	-13	14.64
eFDD 26 QPSK	low	25	5	-11.02	-26.80	-23.07	-13	10.07
eFDD 26 QPSK	high	25	5	-11.59	-28.84	-25.31	-13	12.31
eFDD 26 16QAM	low	25	5	-11.74	-27.21	-24.20	-13	11.20
eFDD 26 16QAM	high	25	5	-12.24	-29.10	-26.02	-13	13.02
eFDD 26 64QAM	low	25	5	-12.29	-28.10	-25.31	-13	12.31
eFDD 26 64QAM	high	25	5	-12.24	-30.84	-27.64	-13	14.64
eFDD 26 QPSK	low	50	10	-10.42	-31.17	-27.21	-13	14.21
eFDD 26 QPSK	high	50	10	-12.43	-32.23	-29.10	-13	16.10
eFDD 26 16QAM	low	50	10	-10.75	-31.17	-27.87	-13	14.87
eFDD 26 16QAM	high	50	10	-14.13	-32.23	-29.64	-13	16.64
eFDD 26 64QAM	low	50	10	-12.48	-31.86	-29.10	-13	16.10
eFDD 26 64QAM	high	50	10	-15.39	-34.36	-31.51	-13	18.51

Radio Technology	Modulation	Channel	Ressource Blocks PCC	Ressource Blocks SCC	BW PCC [MHz]	BW SCC1 [MHz]	RMS [dBm]	Limit /dBm	Margin to Limit /dB
CA_5B	QPSK	low + low	50	50	10	10	-23.08	-13	10.08
CA_5B	QPSK	high + high	50	50	10	10	-30.77	-13	17.77
CA_5B	16 QAM	low + low	50	50	10	10	-22.04	-13	9.04
CA_5B	16 QAM	high + high	50	50	10	10	-31.11	-13	18.11
CA_5B	64 QAM	low + low	50	50	10	10	-24.75	-13	11.75
CA_5B	64 QAM	high + high	50	50	10	10	-31.83	-13	18.83
CA_5B	256 QAM	low + low	50	50	10	10	-28.18	-13	15.18
CA_5B	256 QAM	high + high	50	50	10	10	-32.22	-13	19.22

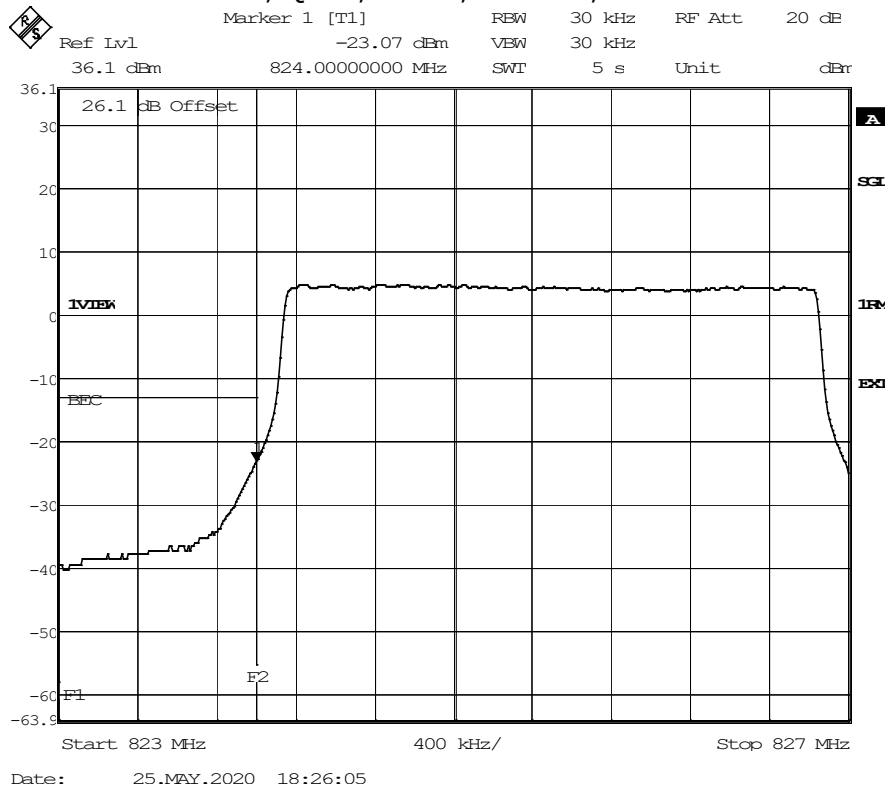
Remark: Please see next sub-clause for the measurement plot.

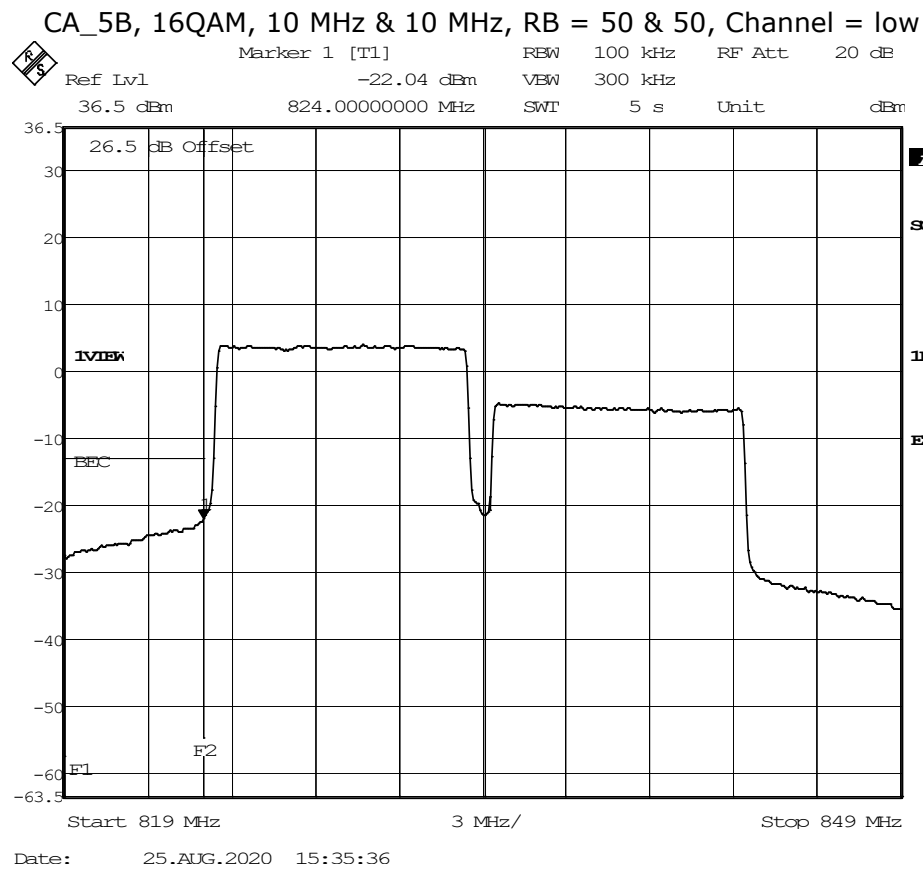
5.6.4 MEASUREMENT PLOT (SHOWING THE HIGHEST VALUE, "WORST CASE")

LTE eFDD5, QPSK, 3 MHz, RB = 15, Channel = low



LTE eFDD26, QPSK, 3 MHz, RB = 15, Channel = low





5.6.5 TEST EQUIPMENT USED

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