

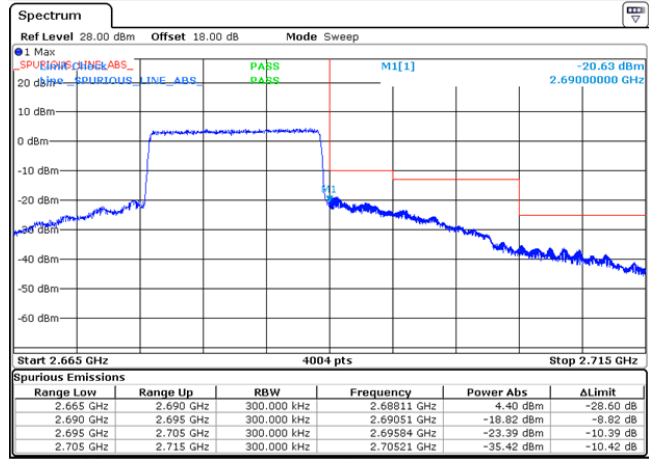
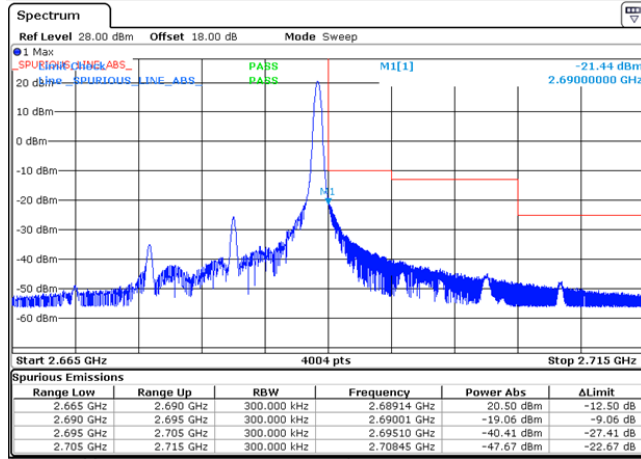
LTE Band41: BAND EDGE EMISSION

Test BW: 15MHz - High Channel

QPSK

RB1#0

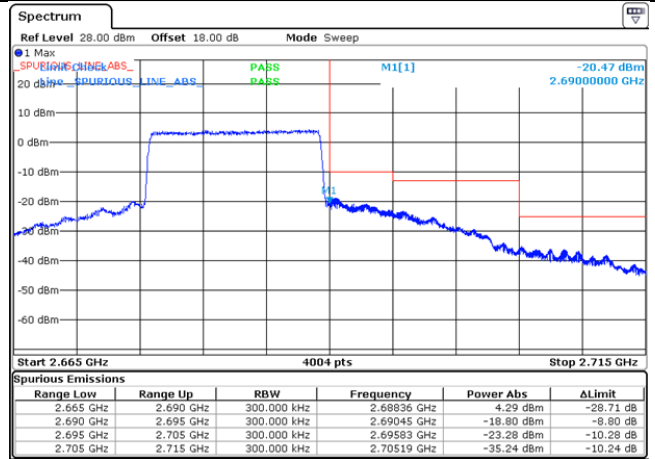
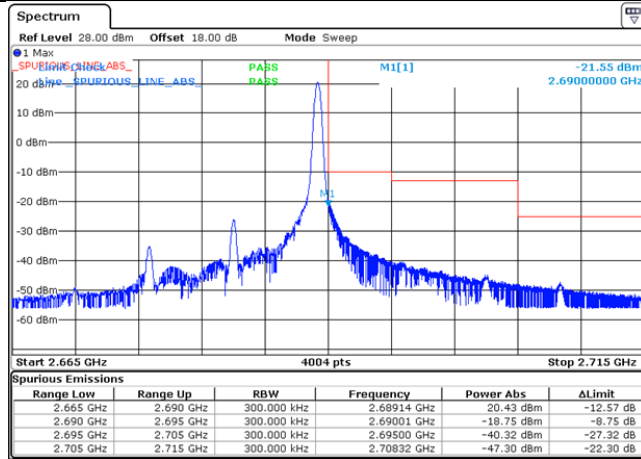
RB75#0



16QAM

RB1#0

RB75#0



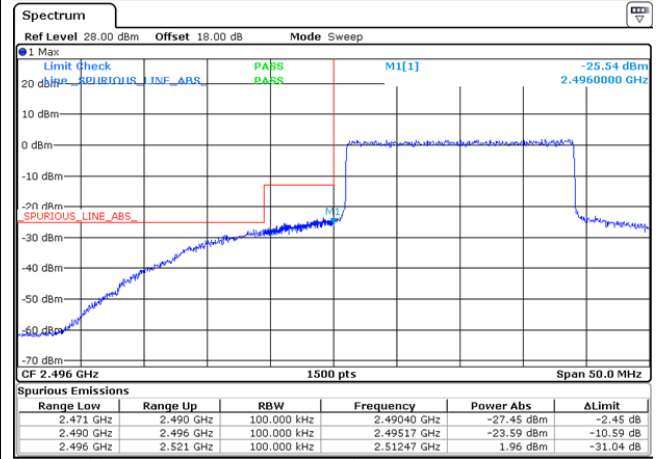
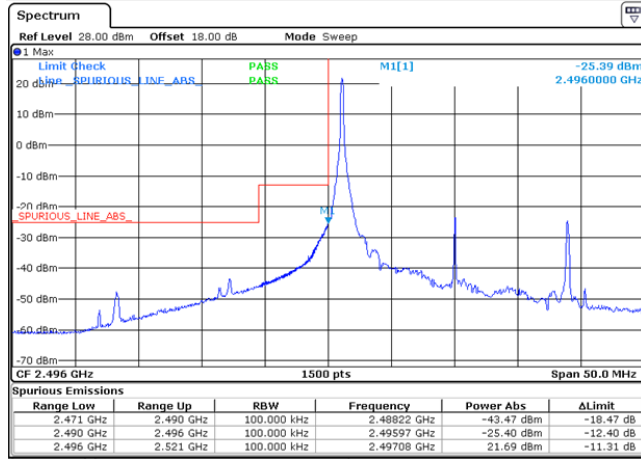
LTE Band41: BAND EDGE EMISSION

Test BW: 20MHz - Low Channel

QPSK

RB1#0

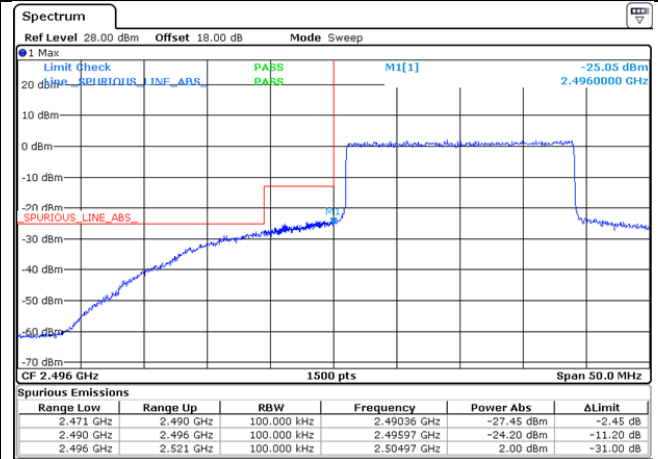
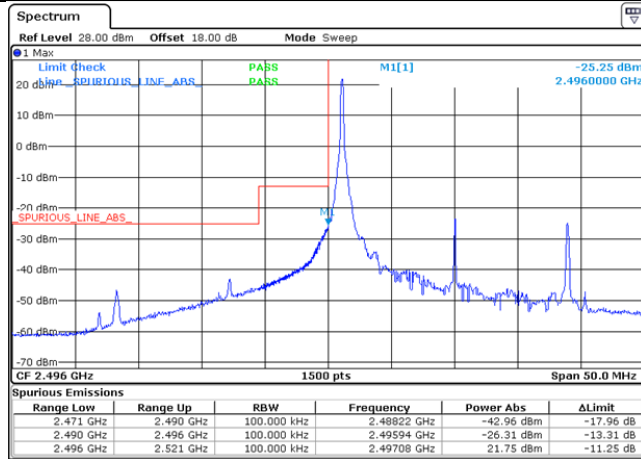
RB100#0



16QAM

RB1#0

RB100#0

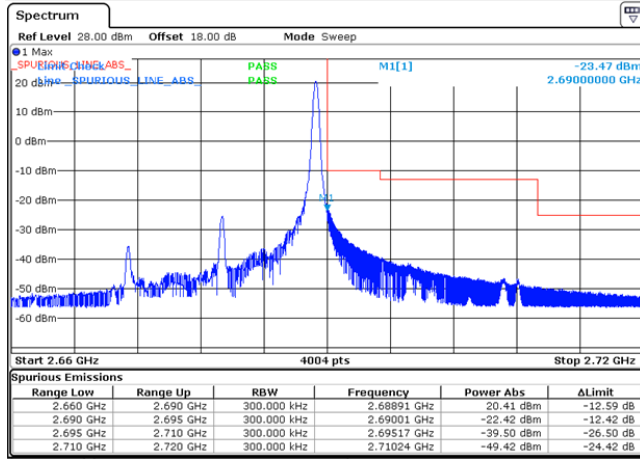


LTE Band41: BAND EDGE EMISSION

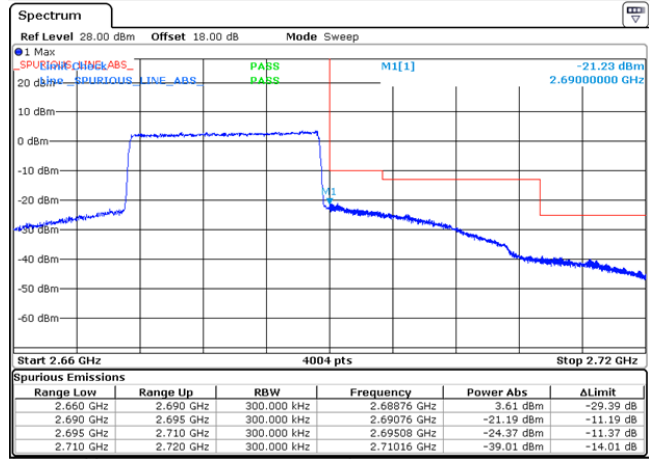
Test BW: 20MHz - High Channel

QPSK

RB1#0

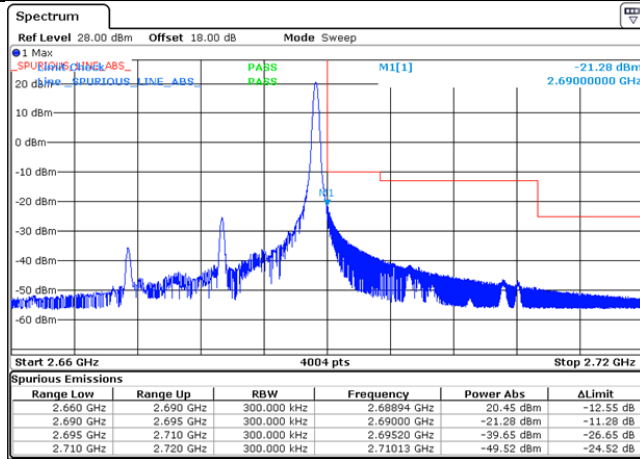


RB100#0

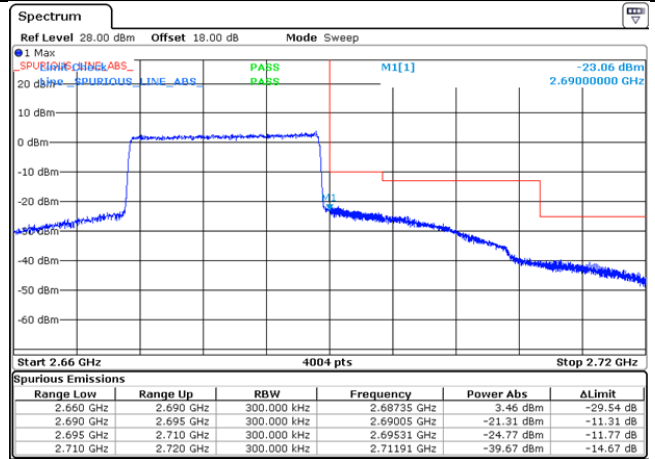


16QAM

RB1#0

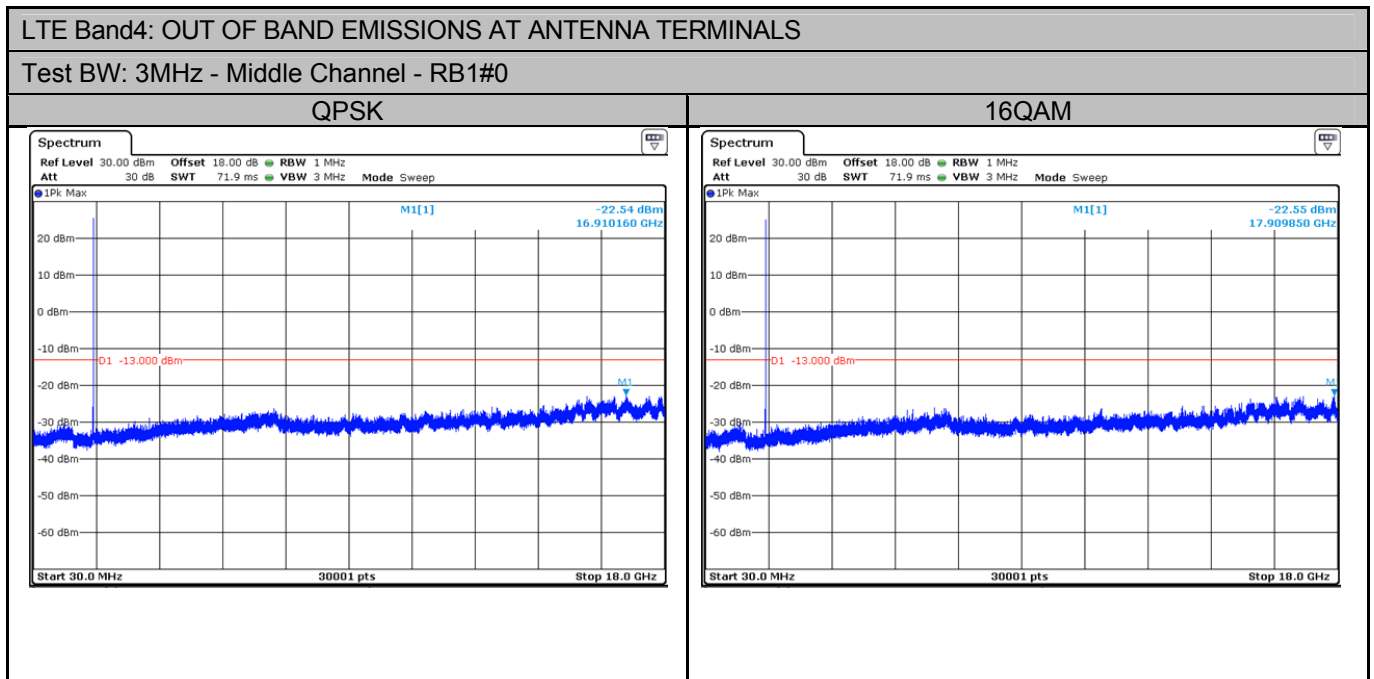
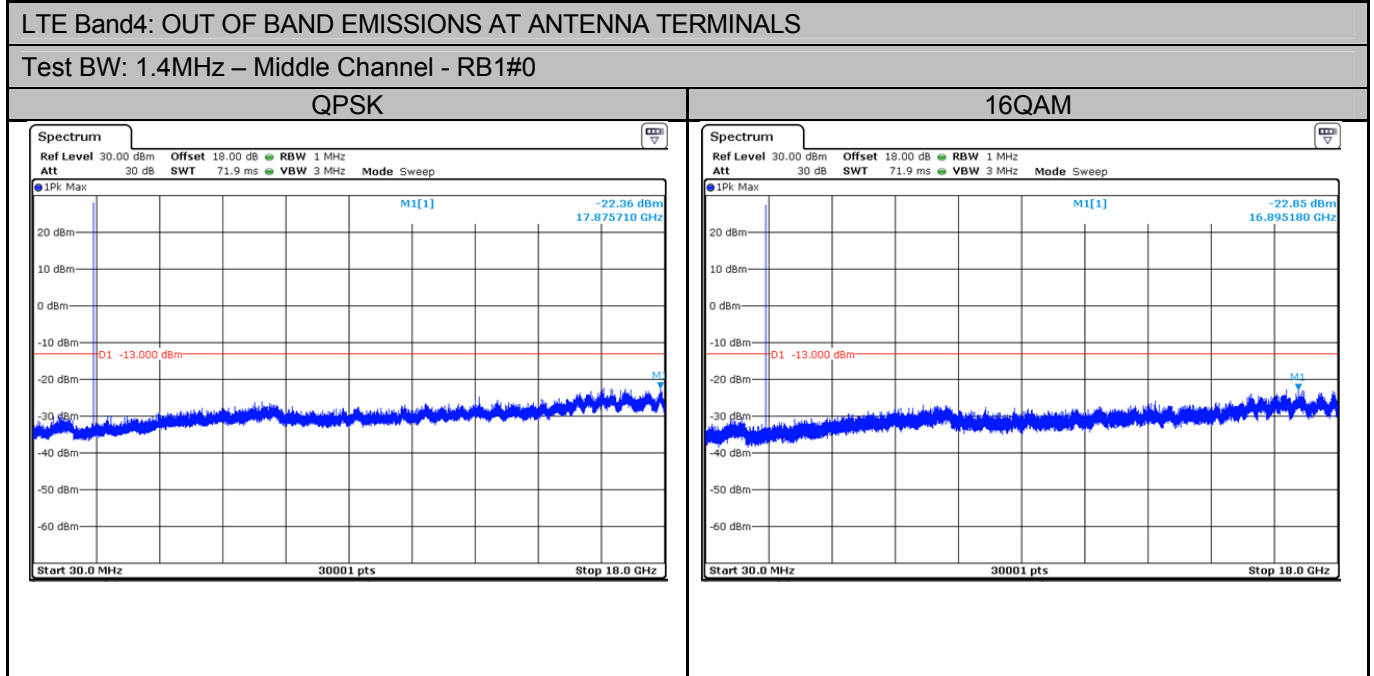


RB100#0



APPENDIX E: TEST DATA FOR OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

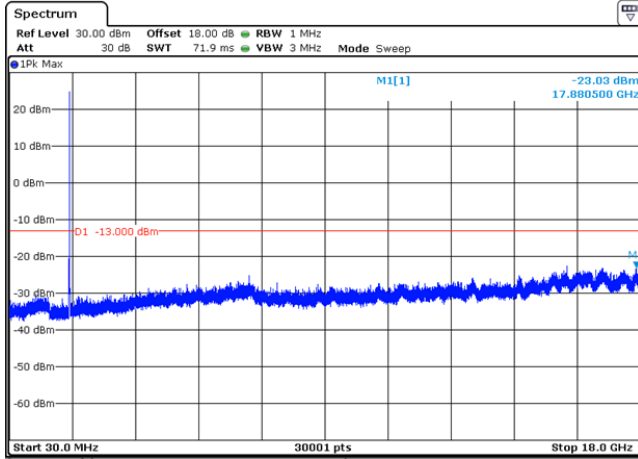
Test plots as follow:



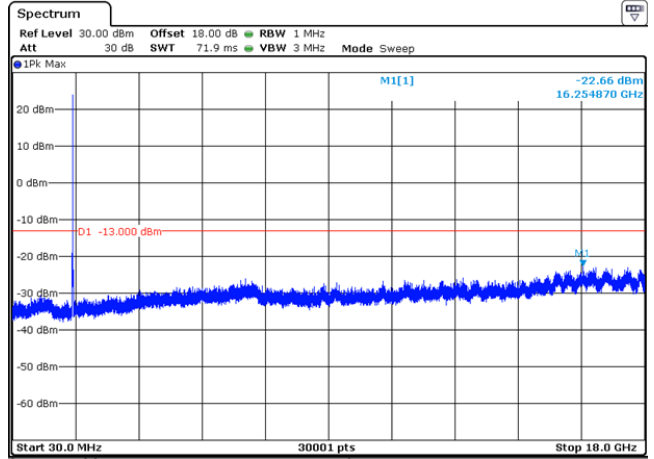
LTE Band4: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

Test BW: 5MHz - Middle Channel - RB1#0

QPSK



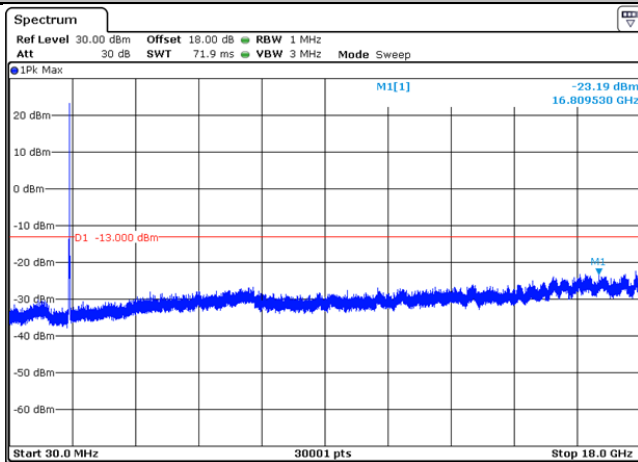
16QAM



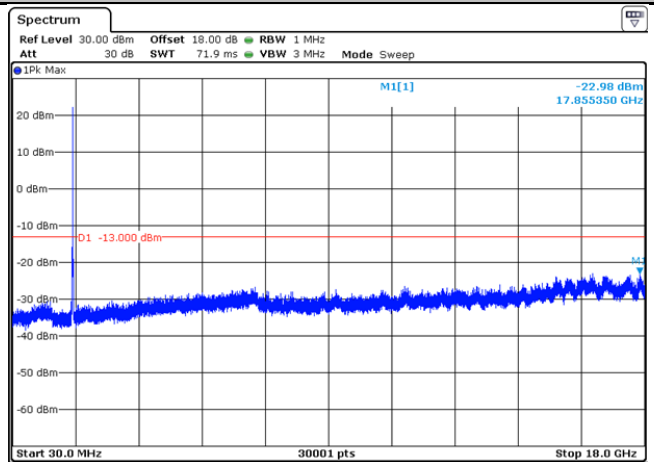
LTE Band4: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

Test BW: 10MHz - Middle Channel - RB1#0

QPSK



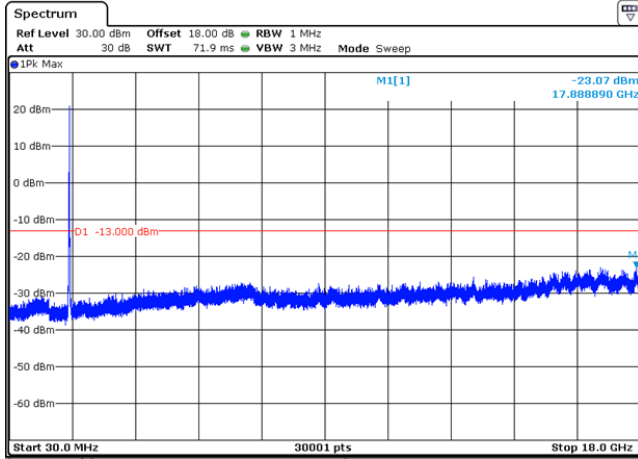
16QAM



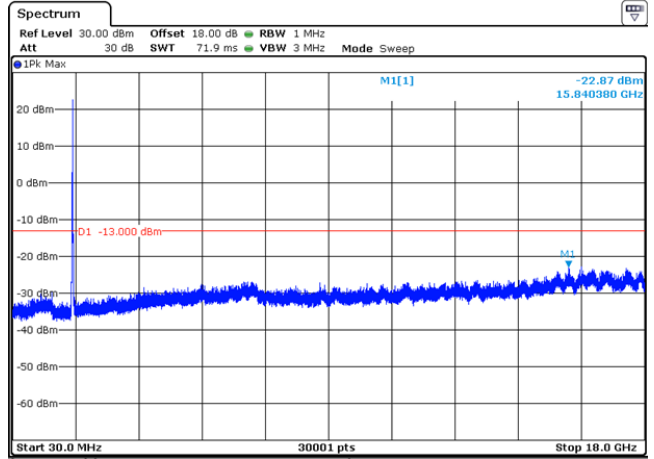
LTE Band4: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

Test BW: 15MHz - Middle Channel - RB1#0

QPSK



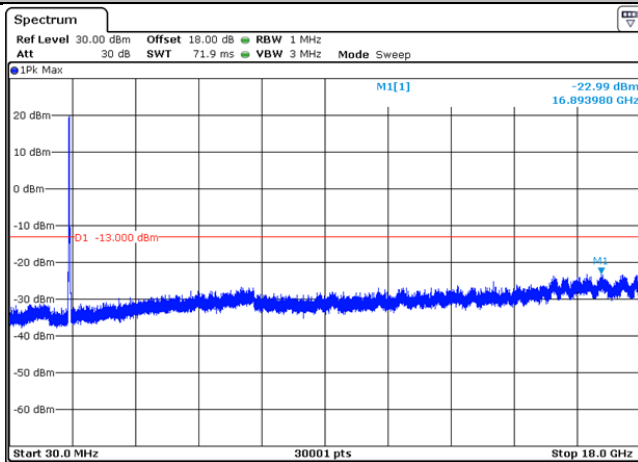
16QAM



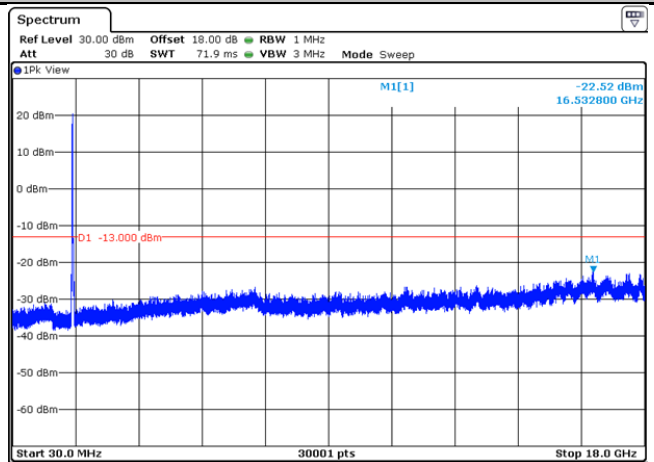
LTE Band4: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

Test BW: 20MHz - Middle Channel - RB1#0

QPSK



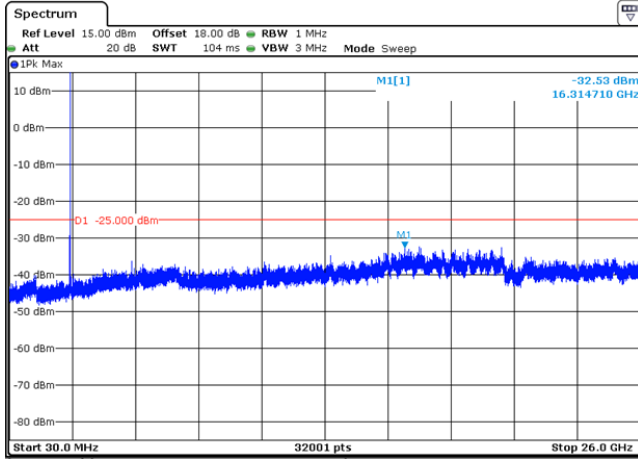
16QAM



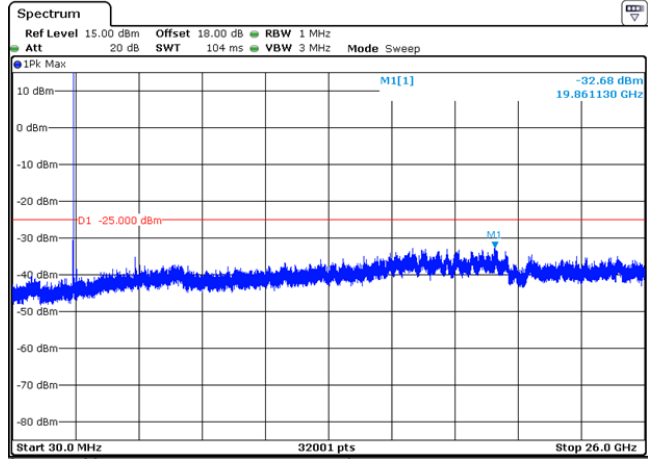
LTE Band7: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

Test BW: 5MHz - Middle Channel - RB1#0

QPSK



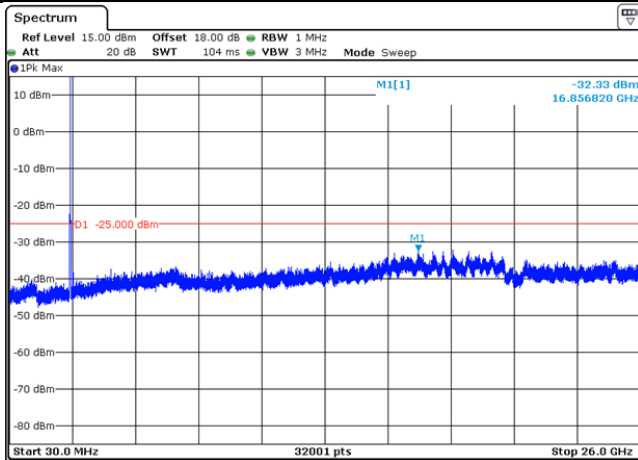
16QAM



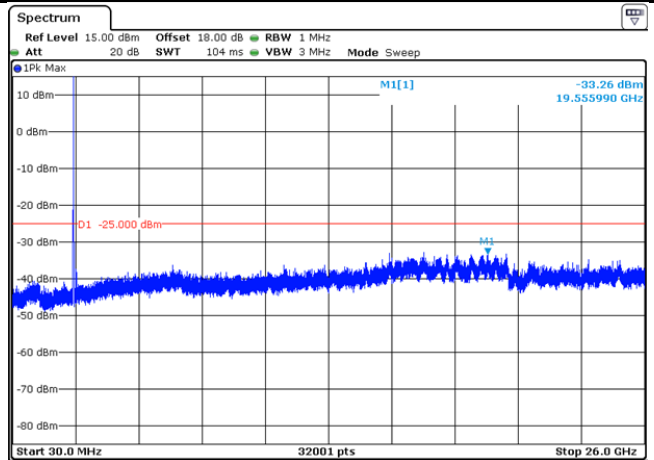
LTE Band7: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

Test BW: 10MHz - Middle Channel - RB1#0

QPSK



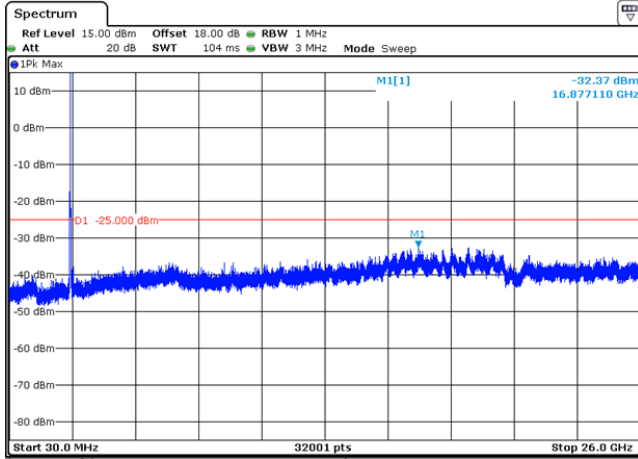
16QAM



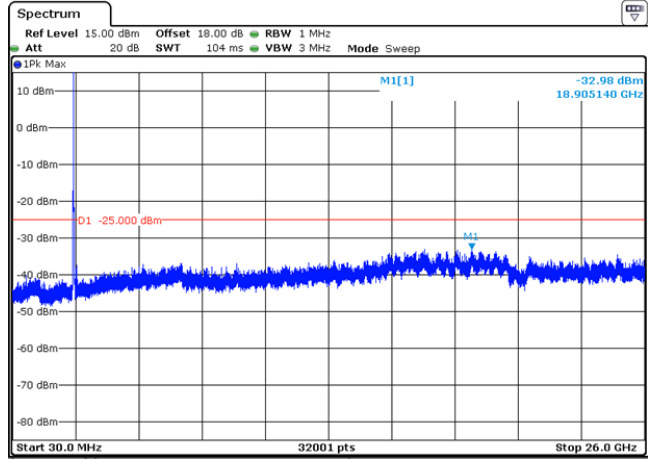
LTE Band7: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

Test BW: 15MHz - Middle Channel - RB1#0

QPSK



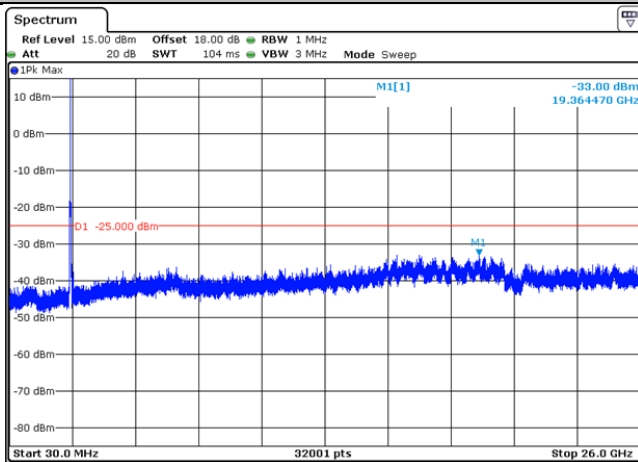
16QAM



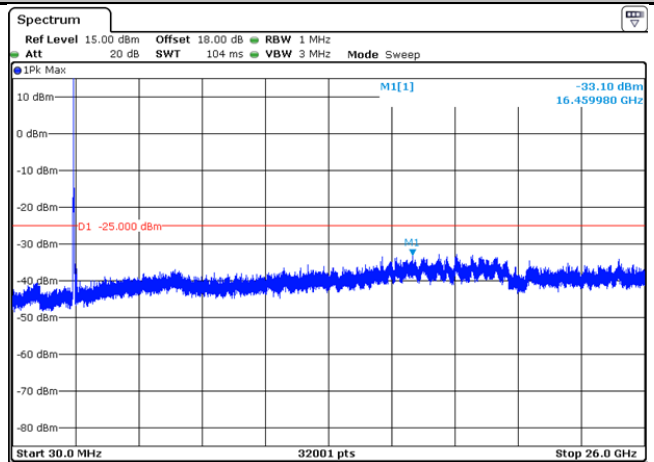
LTE Band7: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

Test BW: 20MHz - Middle Channel - RB1#0

QPSK



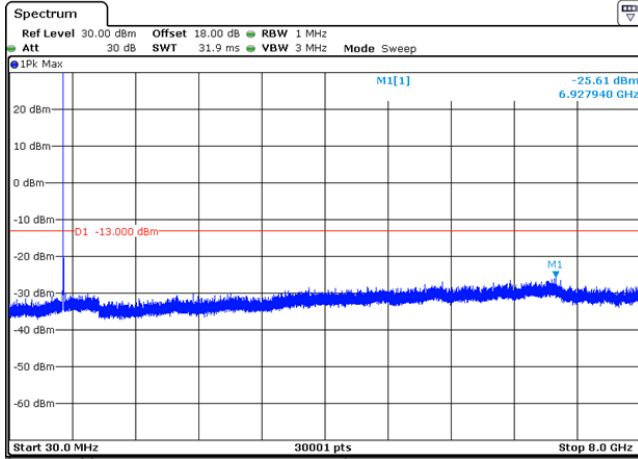
16QAM



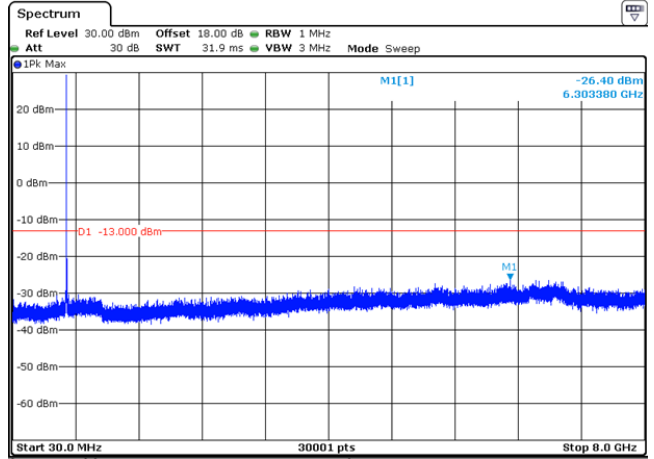
LTE Band12: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

Test BW: 1.4MHz - Middle Channel - RB1#0

QPSK



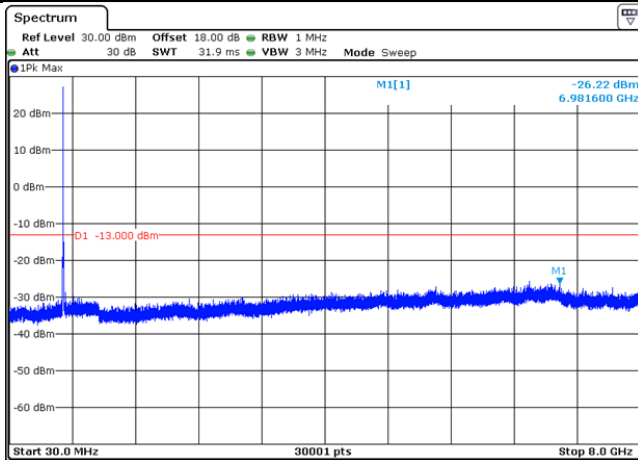
16QAM



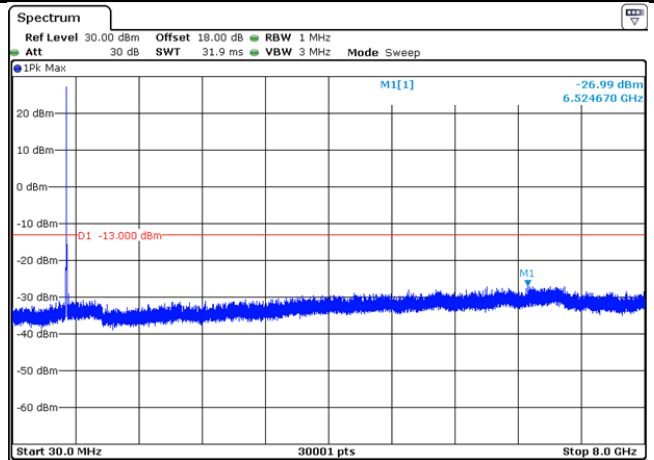
LTE Band12: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

Test BW: 3MHz - Middle Channel - RB1#0

QPSK



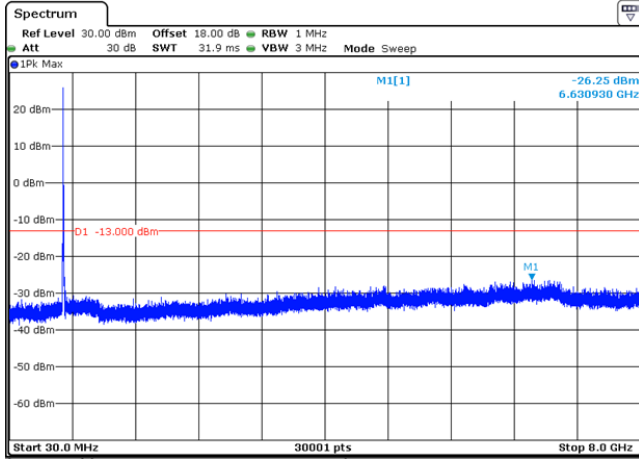
16QAM



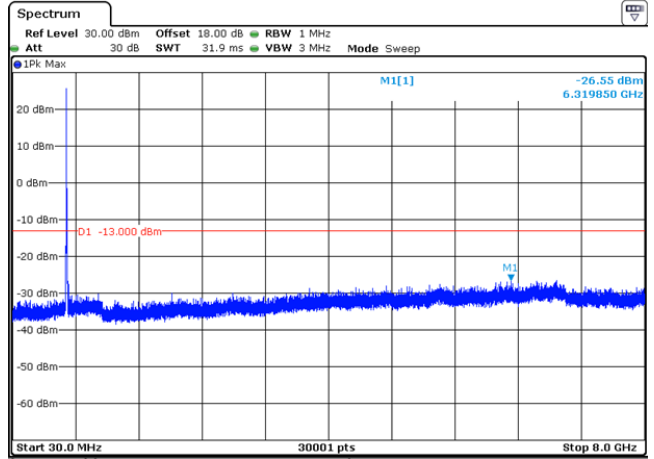
LTE Band12: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

Test BW: 5MHz - Middle Channel - RB1#0

QPSK



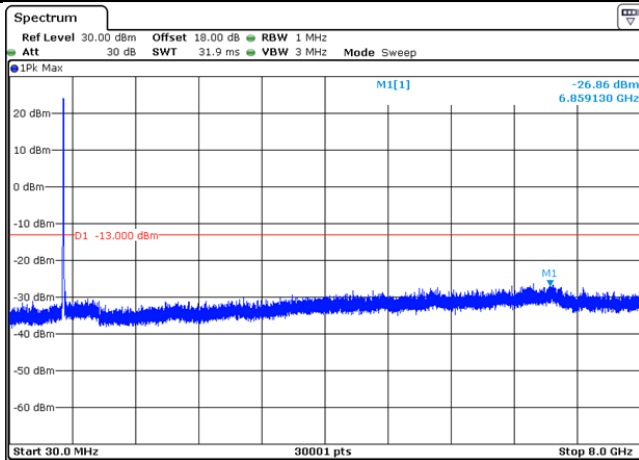
16QAM



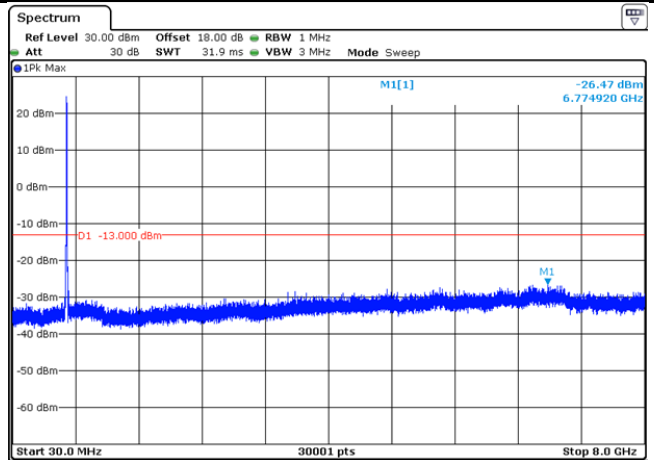
LTE Band12: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

Test BW: 10MHz - Middle Channel - RB1#0

QPSK



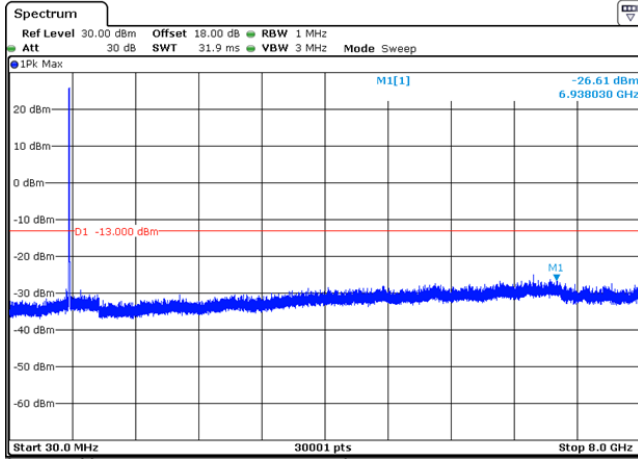
16QAM



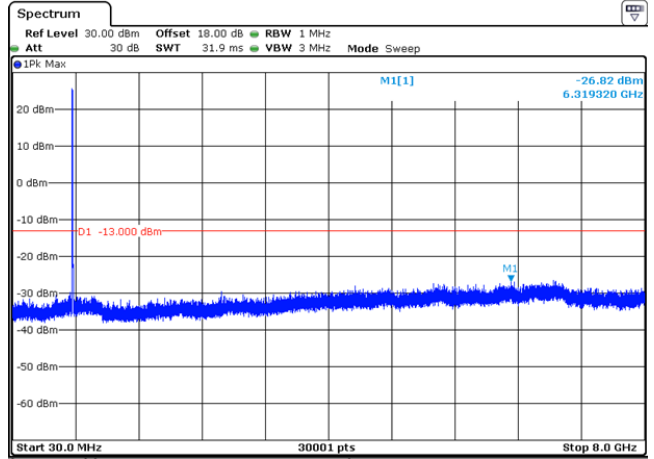
LTE Band13: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

Test BW: 5MHz - Middle Channel - RB1#0

QPSK



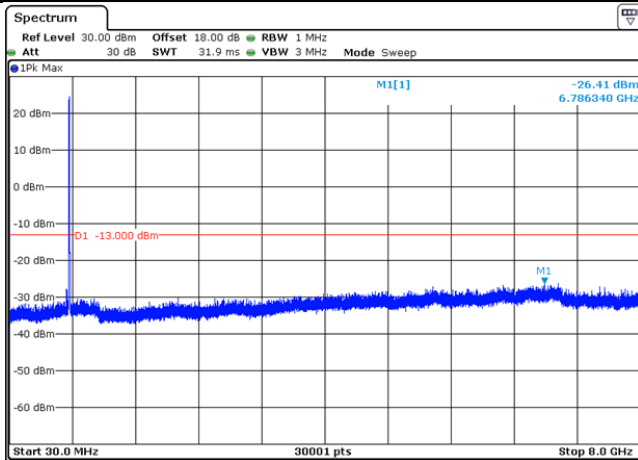
16QAM



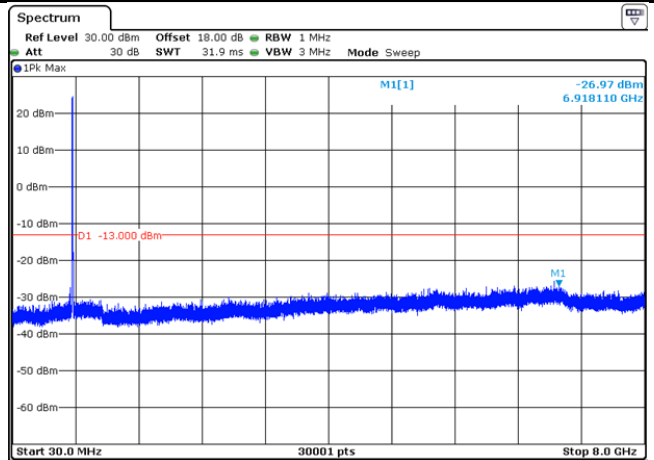
LTE Band13: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

Test BW: 10MHz - Middle Channel - RB1#0

QPSK



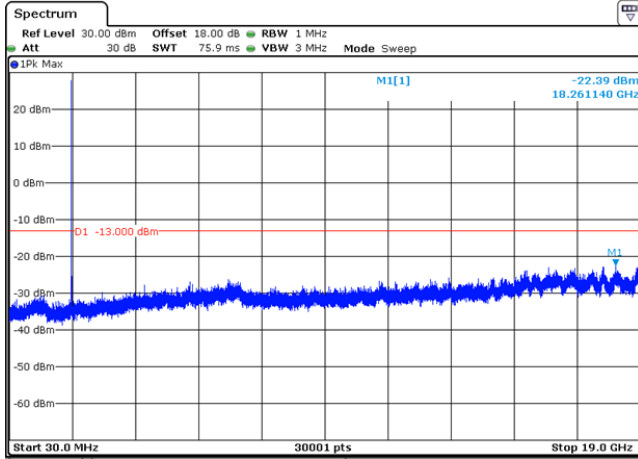
16QAM



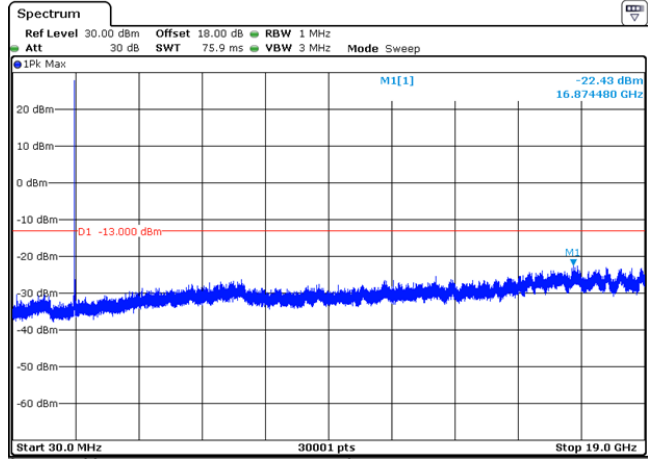
LTE Band25: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

Test BW: 1.4MHz - Middle Channel - RB1#0

QPSK



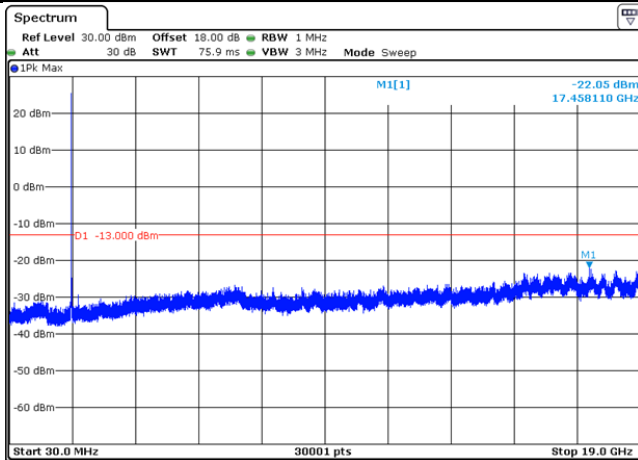
16QAM



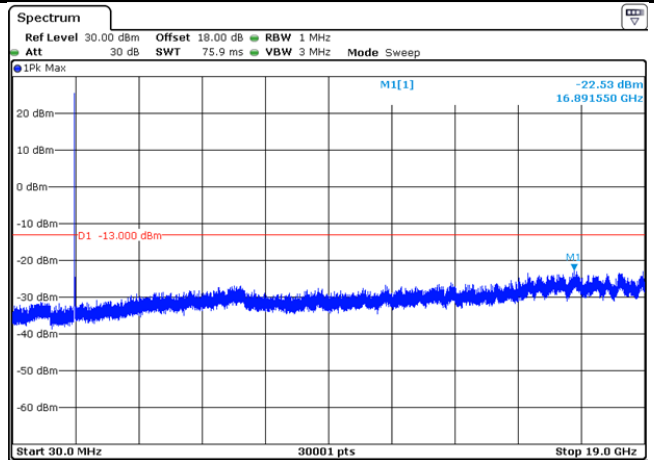
LTE Band25: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

Test BW: 3MHz - Middle Channel - RB1#0

QPSK



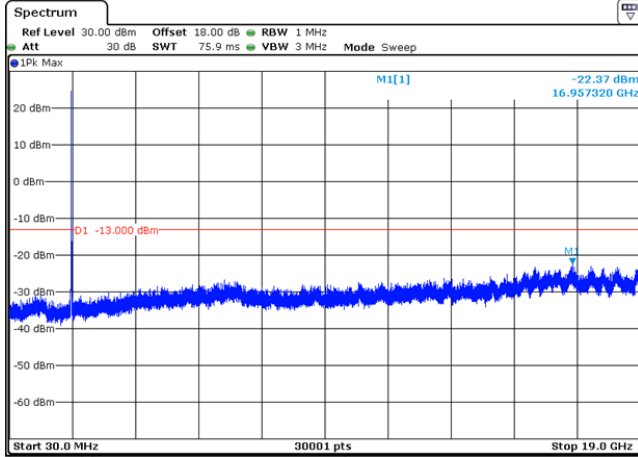
16QAM



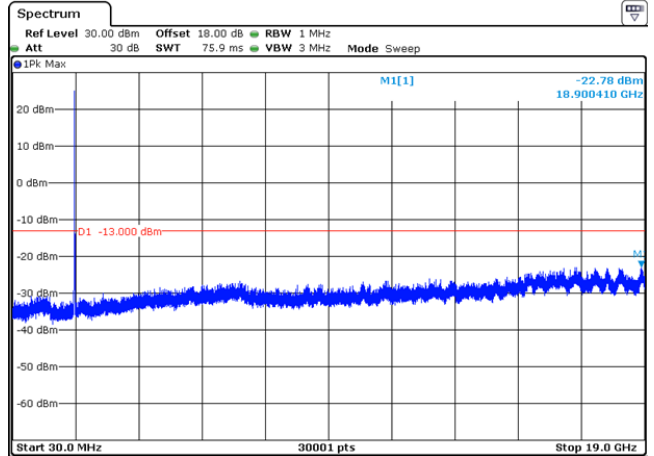
LTE Band25: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

Test BW: 5MHz - Middle Channel - RB1#0

QPSK



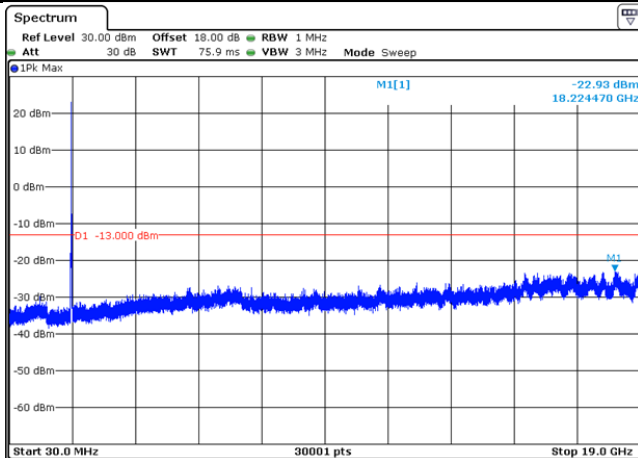
16QAM



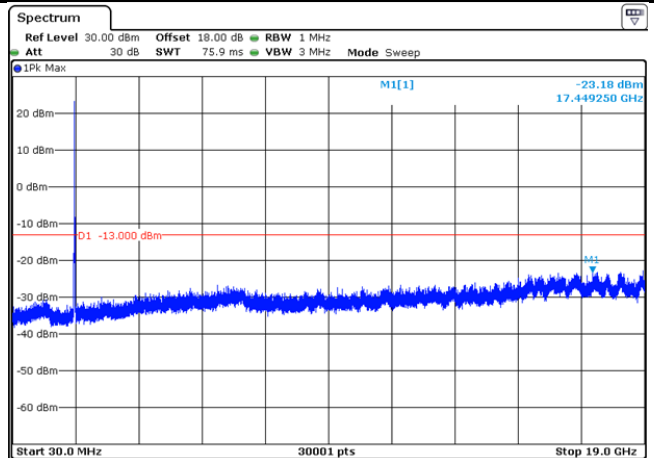
LTE Band25: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

Test BW: 10MHz - Middle Channel - RB1#0

QPSK



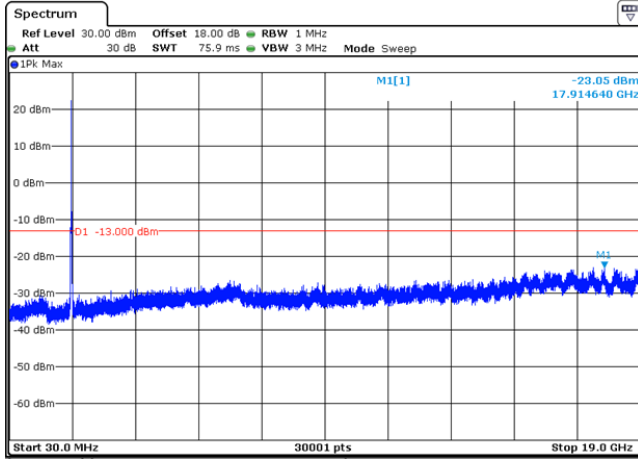
16QAM



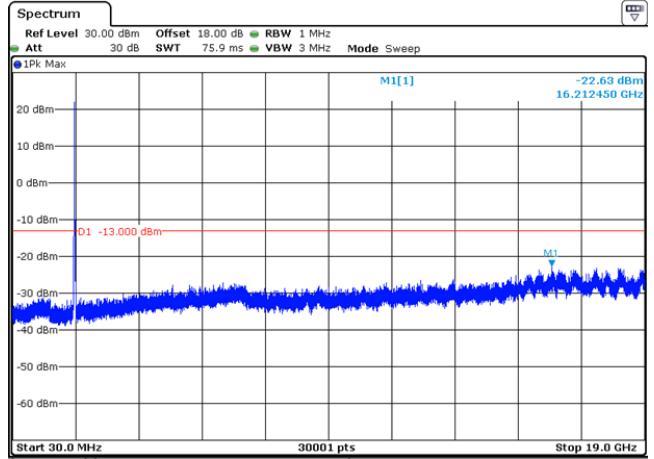
LTE Band25: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

Test BW: 15MHz - Middle Channel - RB1#0

QPSK



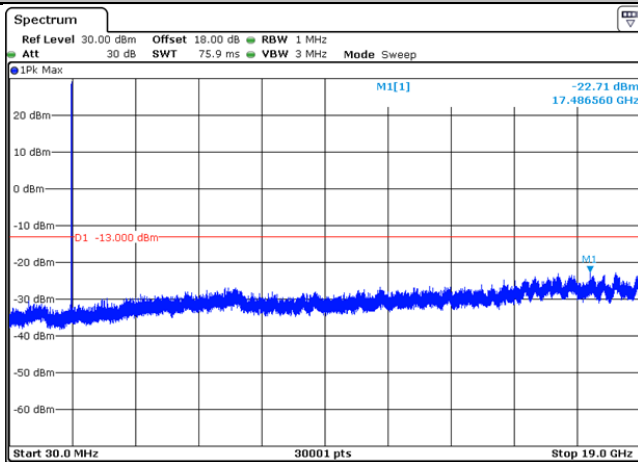
16QAM



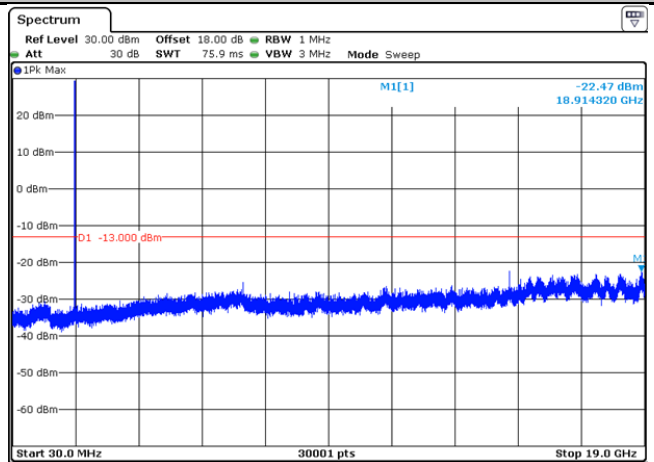
LTE Band25: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

Test BW: 20MHz - Middle Channel - RB1#0

QPSK



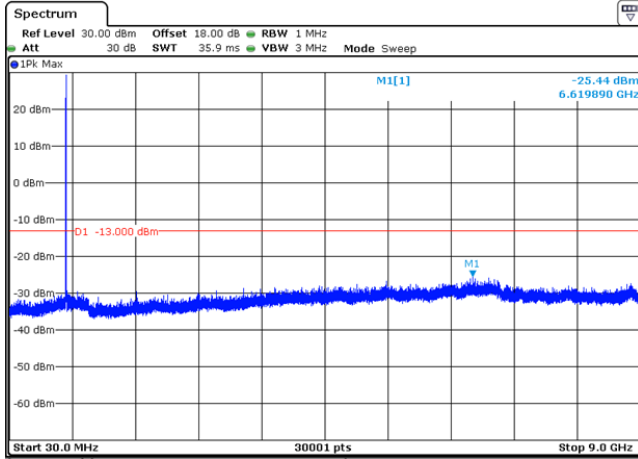
16QAM



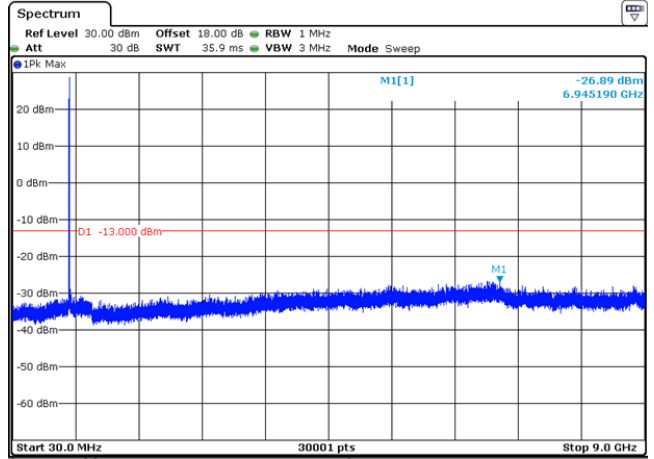
LTE Band26: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

Test BW: 1.4MHz - Middle Channel - RB1#0

QPSK



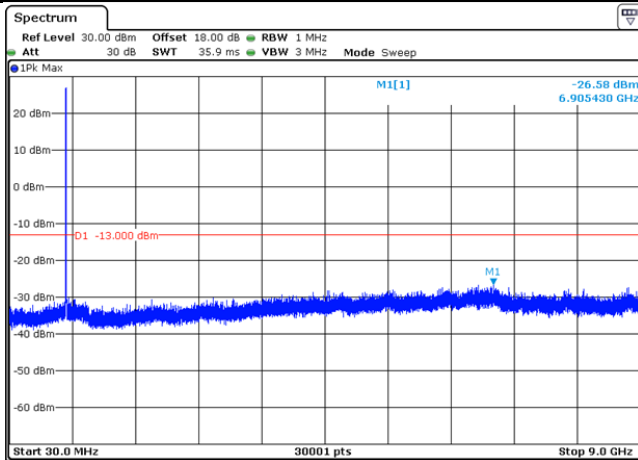
16QAM



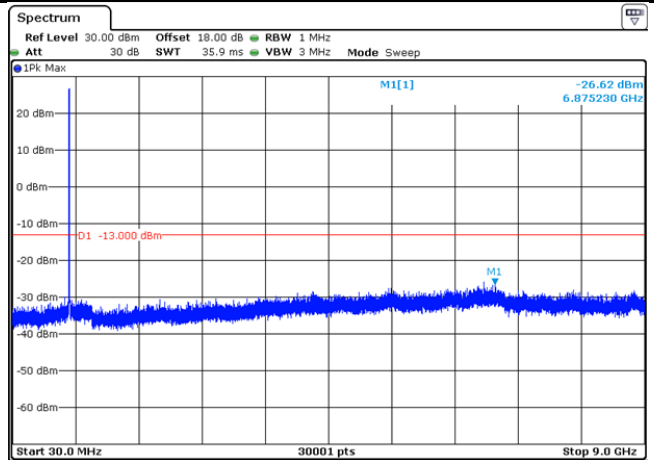
LTE Band26: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

Test BW: 3MHz - Middle Channel - RB1#0

QPSK



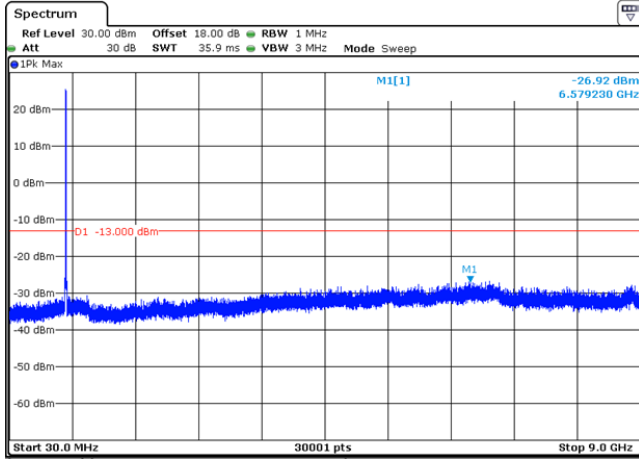
16QAM



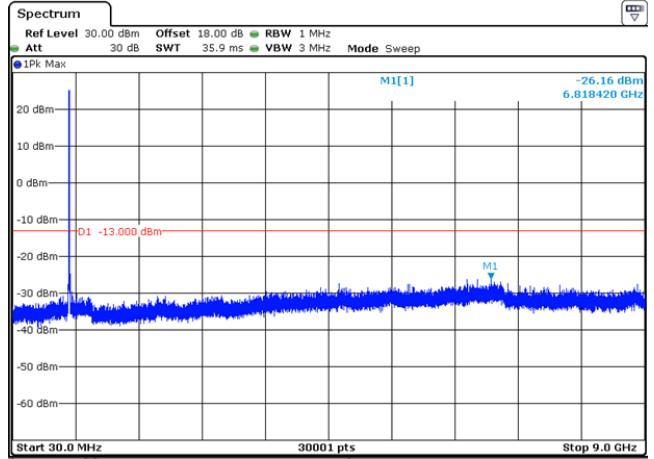
LTE Band26: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

Test BW: 5MHz - Middle Channel - RB1#0

QPSK



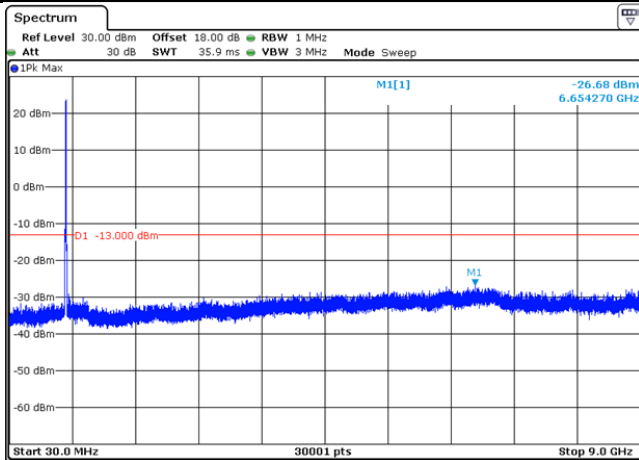
16QAM



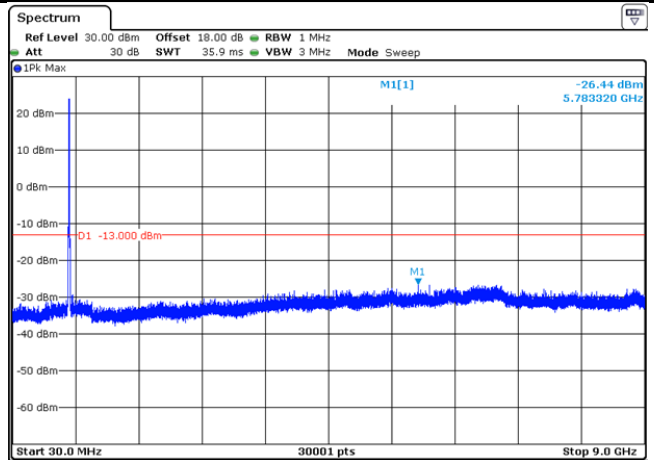
LTE Band26: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

Test BW: 10MHz - Middle Channel - RB1#0

QPSK



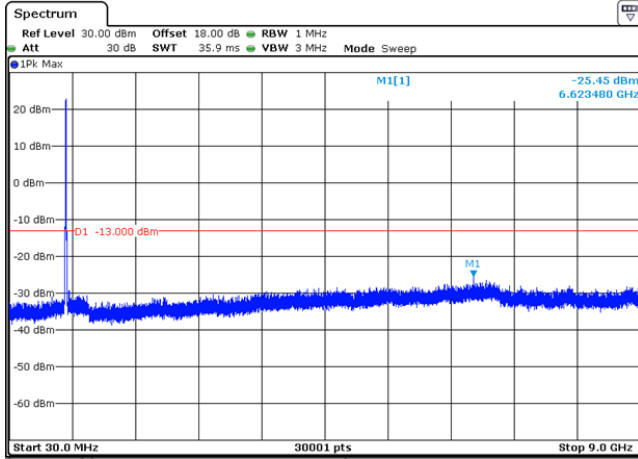
16QAM



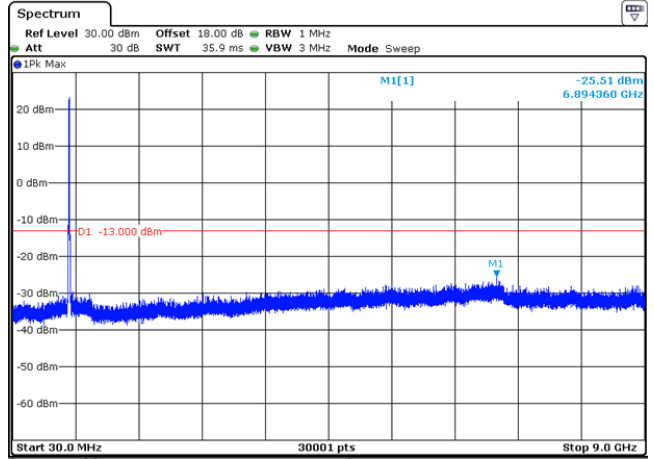
LTE Band26: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

Test BW: 15MHz - Middle Channel - RB1#0

QPSK



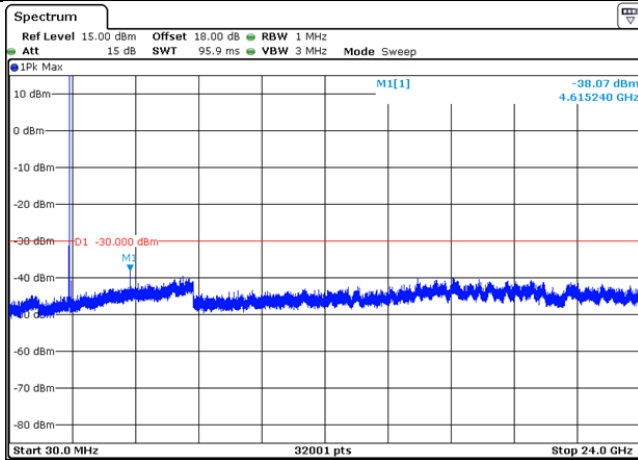
16QAM



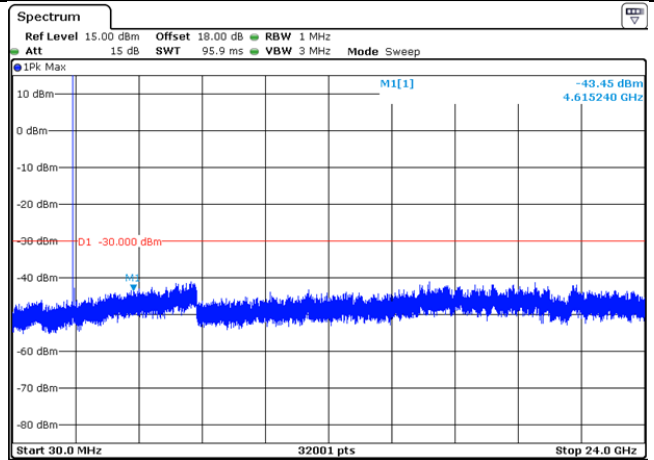
LTE Band30: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

Test BW: 5MHz - Middle Channel - RB1#0

QPSK



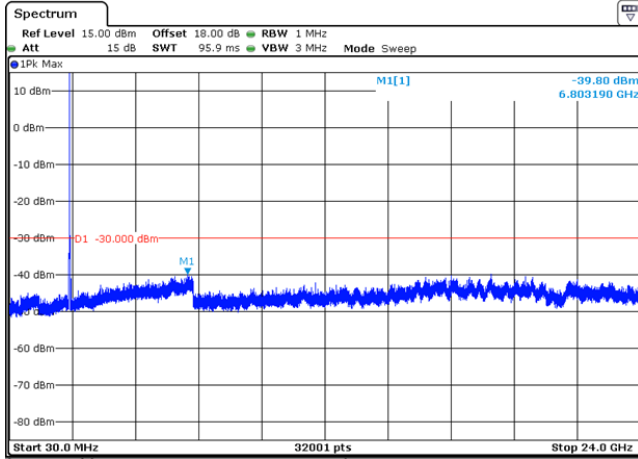
16QAM



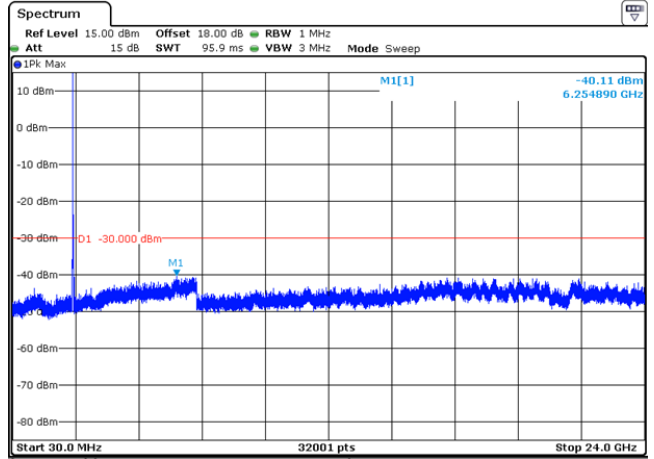
LTE Band30: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

Test BW: 10MHz - Middle Channel - RB1#0

QPSK



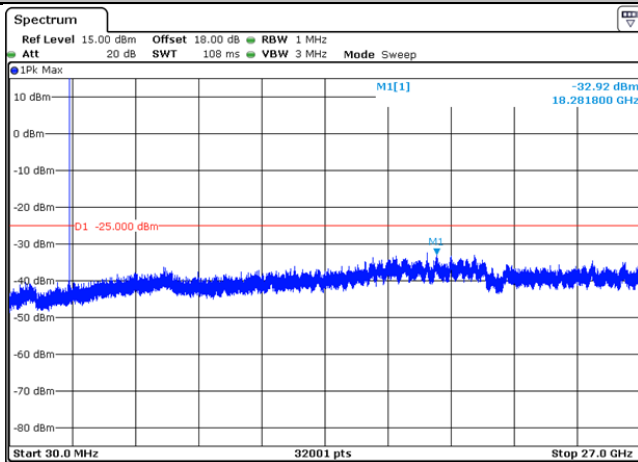
16QAM



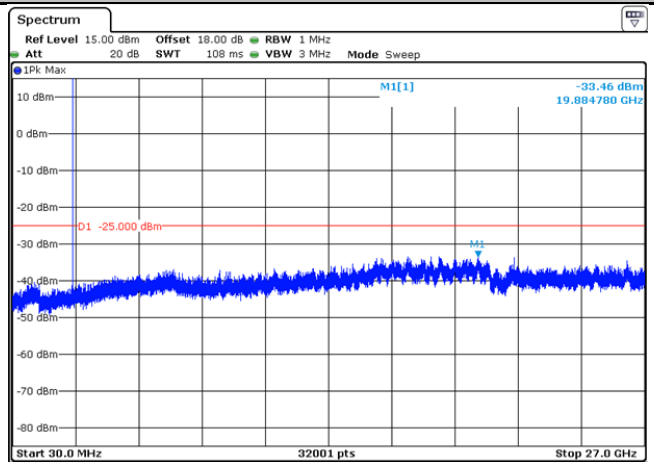
LTE Band41: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

Test BW: 5MHz - Middle Channel - RB1#0

QPSK



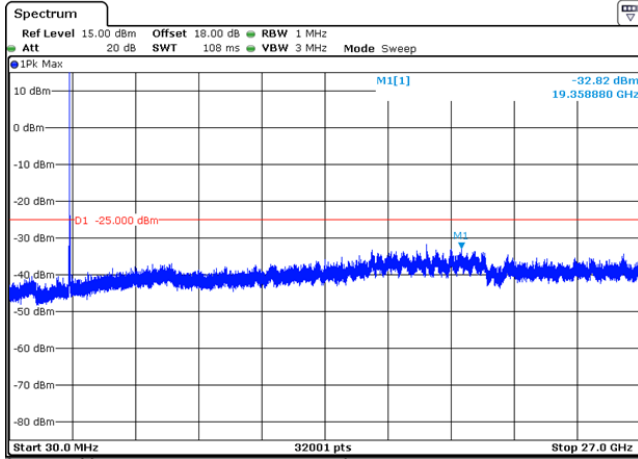
16QAM



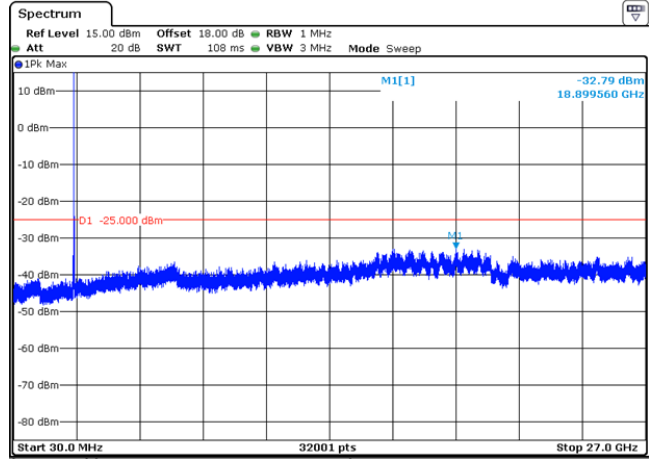
LTE Band41: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

Test BW: 10MHz - Middle Channel - RB1#0

QPSK



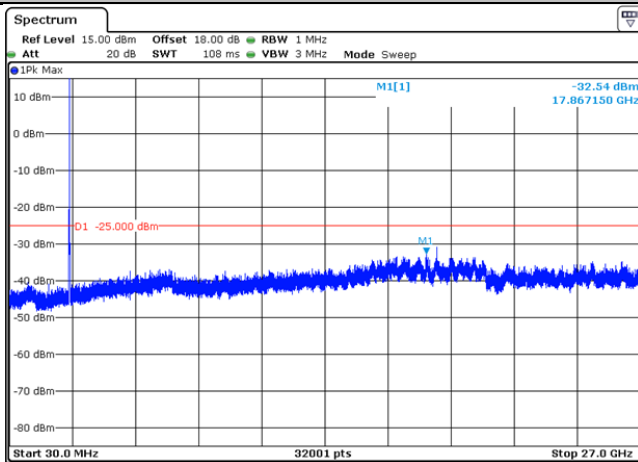
16QAM



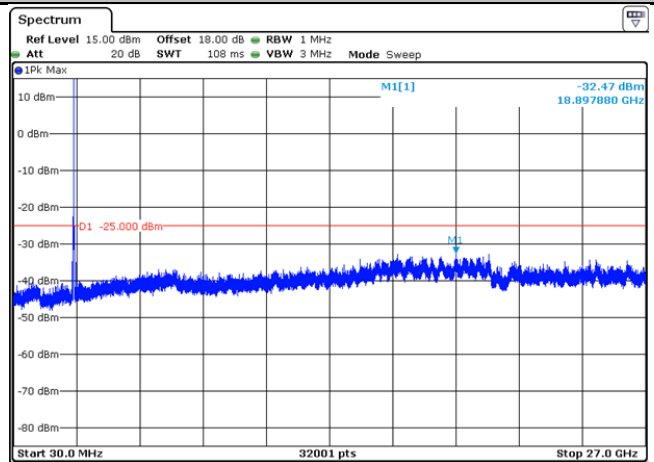
LTE Band41: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

Test BW: 15MHz - Middle Channel - RB1#0

QPSK



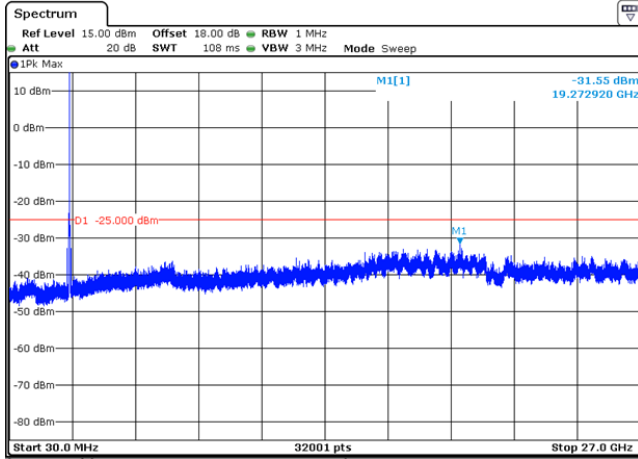
16QAM



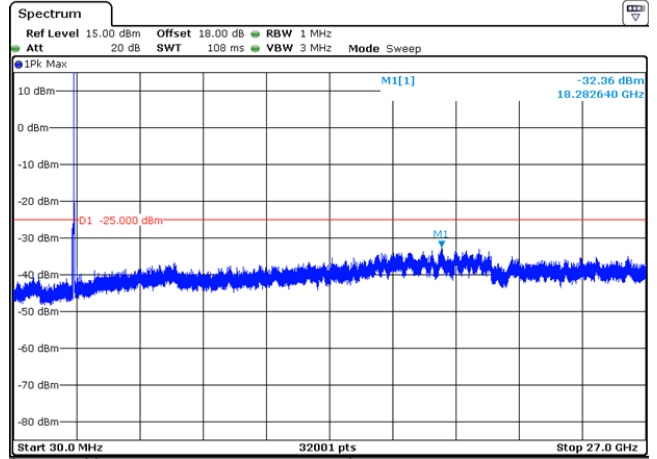
LTE Band41: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

Test BW: 20MHz - Middle Channel - RB1#0

QPSK



16QAM



APPENDIX F: TEST DATA FOR FIELD STRENGTH OF SPURIOUS RADIATION

All modes have been tested, and the worst result recorded was report as below

For LTE BAND4 link

■ Spurious Emission below 30MHz (9KHz to 30MHz)

Temperature:	24℃	Test Date:	June 10, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND4	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
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Note: the amplitude of spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be reported.

■ Spurious Emission Above 30MHz (30MHz to 10th harmonics)

Temperature:	24℃	Test Date:	June 10, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND4	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
5197.5	H	1.4 MHz	RB1#0	-35.56	-13	-22.56	Pass
15897.88	H	1.4 MHz	RB1#0	-34.50	-13	-21.50	Pass
--	--	--	--	--	--	--	--
5197.5	V	1.4 MHz	RB1#0	-36.97	-13	-23.97	Pass
15347.48	V	1.4 MHz	RB1#0	-34.19	-13	-21.19	Pass
--	--	--	--	--	--	--	--

Temperature:	24℃	Test Date:	June 10, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND4	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
5197.5	H	3 MHz	RB1#0	-35.92	-13	-22.92	Pass
14970.15	H	3 MHz	RB1#0	-36.66	-13	-23.66	Pass
--	--	--	--	--	--	--	--
5197.5	V	3 MHz	RB1#0	-37.96	-13	-24.96	Pass
14616.14	V	3 MHz	RB1#0	-34.36	-13	-21.36	Pass
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Temperature:	24℃	Test Date:	June 10, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND4	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
5197.5	H	5 MHz	RB1#0	-35.68	-13	-22.68	Pass
14579.31	H	5 MHz	RB1#0	-35.73	-13	-22.73	Pass
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5197.5	V	5 MHz	RB1#0	-36.25	-13	-23.25	Pass
14484.84	V	5 MHz	RB1#0	-35.92	-13	-22.92	Pass
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Temperature:	24°C	Test Date:	June 10, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND4	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
5197.5	H	10 MHz	RB1#0	-35.09	-13	-22.09	Pass
15371.81	H	10 MHz	RB1#0	-34.14	-13	-21.14	Pass
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5197.5	V	10 MHz	RB1#0	-36.47	-13	-23.47	Pass
15061.58	V	10 MHz	RB1#0	-34.48	-13	-21.48	Pass
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Temperature:	24°C	Test Date:	June 10, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND4	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
5197.5	H	15 MHz	RB1#0	-36.25	-13	-23.25	Pass
14690.98	H	15 MHz	RB1#0	-35.84	-13	-22.84	Pass
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5197.5	V	15 MHz	RB1#0	-37.68	-13	-24.68	Pass
14775.78	V	15 MHz	RB1#0	-34.72	-13	-21.72	Pass
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Temperature:	24°C	Test Date:	June 10, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND4	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
5197.5	H	20 MHz	RB1#0	-36.38	-13	-23.38	Pass
15640.39	H	20 MHz	RB1#0	-35.22	-13	-22.22	Pass
--	--	--	--	--	--	--	--
5197.5	V	20 MHz	RB1#0	-37.99	-13	-24.99	Pass
15794.74	V	20 MHz	RB1#0	-34.31	-13	-21.31	Pass
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Note: (1) Emission Level= Reading Level+ Correct Factor +Cable Loss.

(2) Correct Factor= Ant_F + Cab_L - Preamp

(3) Data of measurement within this frequency range shown "--" in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

For LTE BAND7 link

■ Spurious Emission below 30MHz (9KHz to 30MHz)

Temperature:	24℃	Test Date:	June 10, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND7	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
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Note: the amplitude of spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be reported.

■ Spurious Emission Above 30MHz (30MHz to 10th harmonics)

Temperature:	24℃	Test Date:	June 10, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND7	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
5070	H	5 MHz	RB1#0	-45.49	-25	-20.49	Pass
15187.78	H	5 MHz	RB1#0	-35.26	-25	-10.26	Pass
--	--	--	--	--	--	--	--
5070	V	5 MHz	RB1#0	-46.22	-25	-21.22	Pass
14287.79	V	5 MHz	RB1#0	-34.24	-25	-9.24	Pass
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Temperature:	24℃	Test Date:	June 10, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND7	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
5070	H	10 MHz	RB1#0	-45.04	-25	-20.04	Pass
14739.36	H	10 MHz	RB1#0	-34.30	-25	-9.30	Pass
--	--	--	--	--	--	--	--
5070	V	10 MHz	RB1#0	-46.04	-25	-21.04	Pass
15704.58	V	10 MHz	RB1#0	-34.12	-25	-9.12	Pass
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Note: (1) Emission Level= Reading Level+ Correct Factor +Cable Loss.

(2) Correct Factor= Ant_F + Cab_L - Preamp

(3) Data of measurement within this frequency range shown "--" in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

Temperature:	24°C	Test Date:	June 10, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND7	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
5070	H	15 MHz	RB1#0	-46.86	-25	-21.86	Pass
15966.79	H	15 MHz	RB1#0	-35.29	-25	-10.29	Pass
--	--	--	--	--	--	--	--
5070	V	15 MHz	RB1#0	-47.16	-25	-22.16	Pass
15550.53	V	15 MHz	RB1#0	-34.79	-25	-9.79	Pass
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Temperature:	24°C	Test Date:	June 10, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND7	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
5070	H	20 MHz	RB1#0	-46.76	-25	-21.76	Pass
15710.28	H	20 MHz	RB1#0	-35.52	-25	-10.52	Pass
--	--	--	--	--	--	--	--
5070	V	20 MHz	RB1#0	-47.51	-25	-22.51	Pass
15998.47	V	20 MHz	RB1#0	-35.88	-25	-10.88	Pass
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Note: (1) Emission Level= Reading Level+ Correct Factor +Cable Loss.

(2) Correct Factor= Ant_F + Cab_L - Preamp

(3) Data of measurement within this frequency range shown "--" in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

For LTE BAND12 link

■ Spurious Emission below 30MHz (9KHz to 30MHz)

Temperature:	24℃	Test Date:	June 11, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND12	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
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Note: the amplitude of spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be reported.

■ Spurious Emission Above 30MHz (30MHz to 10th harmonics)

Temperature:	24℃	Test Date:	June 11, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND12	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
2830	H	1.4 MHz	RB1#0	-45.67	-13	-32.67	Pass
14881.69	H	1.4 MHz	RB1#0	-34.05	-13	-21.05	Pass
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2830	V	1.4 MHz	RB1#0	-46.75	-13	-33.75	Pass
15794.24	V	1.4 MHz	RB1#0	-34.65	-13	-21.65	Pass
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Temperature:	24℃	Test Date:	June 11, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND12	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
2830	H	3 MHz	RB1#0	-45.80	-13	-32.80	Pass
14281.78	H	3 MHz	RB1#0	-46.15	-13	-33.15	Pass
--	--	--	--	--	--	--	--
2830	V	3 MHz	RB1#0	-47.73	-13	-34.73	Pass
15500.91	V	3 MHz	RB1#0	-34.16	-13	-21.16	Pass
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Note: (1) Emission Level= Reading Level+ Correct Factor +Cable Loss.

(2) Correct Factor= Ant_F + Cab_L - Preamp

(3) Data of measurement within this frequency range shown "--" in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

Temperature:	24°C	Test Date:	June 11, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND12	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
2830	H	5 MHz	RB1#0	-45.94	-13	-32.94	Pass
15053.85	H	5 MHz	RB1#0	-34.55	-13	-21.55	Pass
--	--	--	--	--	--	--	--
2830	V	5 MHz	RB1#0	-46.73	-13	-33.73	Pass
14884.47	V	5 MHz	RB1#0	-34.58	-13	-21.58	Pass
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Temperature:	24°C	Test Date:	June 11, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND12	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
2830	H	10 MHz	RB1#0	-45.02	-13	-32.02	Pass
15976.72	H	10 MHz	RB1#0	-35.75	-13	-22.75	Pass
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2830	V	10 MHz	RB1#0	-46.11	-13	-33.11	Pass
14943.49	V	10 MHz	RB1#0	-34.13	-13	-21.13	Pass
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Note: (1) Emission Level= Reading Level+ Correct Factor +Cable Loss.
 (2) Correct Factor= Ant_F + Cab_L - Preamp
 (3) Data of measurement within this frequency range shown "--" in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

For LTE BAND13 link

■ Spurious Emission below 30MHz (9KHz to 30MHz)

Temperature:	24℃	Test Date:	June 11, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND13	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
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Note: the amplitude of spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be reported.

■ Spurious Emission Above 30MHz (30MHz to 10th harmonics)

Temperature:	24℃	Test Date:	June 11, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND13	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
3128	H	5 MHz	RB1#0	-35.21	-13	-22.21	Pass
14300.78	H	5 MHz	RB1#0	-35.55	-13	-22.55	Pass
--	--	--	--	--	--	--	--
3128	V	5 MHz	RB1#0	-36.31	-13	-23.31	Pass
15626.43	V	5 MHz	RB1#0	-35.52	-13	-22.52	Pass
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Temperature:	24℃	Test Date:	June 11, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND13	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
3128	H	10 MHz	RB1#0	-35.71	-13	-22.71	Pass
14108.25	H	10 MHz	RB1#0	-34.04	-13	-21.04	Pass
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3128	V	10 MHz	RB1#0	-36.17	-13	-23.17	Pass
15906.68	V	10 MHz	RB1#0	-35.94	-13	-22.94	Pass
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Note: (1) Emission Level= Reading Level+ Correct Factor +Cable Loss.

(2) Correct Factor= Ant_F + Cab_L - Preamp

(3) Data of measurement within this frequency range shown “ -- ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

For LTE BAND25 link

■ Spurious Emission below 30MHz (9KHz to 30MHz)

Temperature:	24℃	Test Date:	June 12, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND25	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
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Note: the amplitude of spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be reported.

■ Spurious Emission Above 30MHz (30MHz to 10th harmonics)

Temperature:	24℃	Test Date:	June 12, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND25	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
5467.5	H	1.4 MHz	RB1#0	-40.44	-13	-27.44	Pass
14055.45	H	1.4 MHz	RB1#0	-35.05	-13	-22.05	Pass
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5467.5	V	1.4 MHz	RB1#0	-41.17	-13	-28.17	Pass
15042.07	V	1.4 MHz	RB1#0	-35.36	-13	-22.36	Pass
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Temperature:	24℃	Test Date:	June 12, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND25	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
5467.5	H	3 MHz	RB1#0	-40.19	-13	-27.19	Pass
14285.06	H	3 MHz	RB1#0	-41.41	-13	-28.41	Pass
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5467.5	V	3 MHz	RB1#0	-42.42	-13	-29.42	Pass
14064.10	V	3 MHz	RB1#0	-35.21	-13	-22.21	Pass
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Temperature:	24℃	Test Date:	June 12, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND25	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
5467.5	H	5 MHz	RB1#0	-40.35	-13	-27.35	Pass
15894.14	H	5 MHz	RB1#0	-35.97	-13	-22.97	Pass
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5467.5	V	5 MHz	RB1#0	-41.79	-13	-28.79	Pass
14986.32	V	5 MHz	RB1#0	-34.08	-13	-21.08	Pass
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Temperature:	24°C	Test Date:	June 12, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND25	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
5467.5	H	10 MHz	RB1#0	-40.64	-13	-27.64	Pass
14651.03	H	10 MHz	RB1#0	-35.37	-13	-22.37	Pass
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5467.5	V	10 MHz	RB1#0	-41.34	-13	-28.34	Pass
15490.50	V	10 MHz	RB1#0	-35.45	-13	-22.45	Pass
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Temperature:	24°C	Test Date:	June 12, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND25	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
5467.5	H	15 MHz	RB1#0	-41.34	-13	-28.34	Pass
14817.73	H	15 MHz	RB1#0	-35.70	-13	-22.70	Pass
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5467.5	V	15 MHz	RB1#0	-42.87	-13	-29.87	Pass
14026.97	V	15 MHz	RB1#0	-35.01	-13	-22.01	Pass
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Temperature:	24°C	Test Date:	June 12, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND25	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
5467.5	H	20 MHz	RB1#0	-41.58	-13	-28.58	Pass
14813.91	H	20 MHz	RB1#0	-35.91	-13	-22.91	Pass
--	--	--	--	--	--	--	--
5467.5	V	20 MHz	RB1#0	-42.70	-13	-29.70	Pass
15799.03	V	20 MHz	RB1#0	-35.02	-13	-22.02	Pass
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Note: (1) Emission Level= Reading Level+ Correct Factor +Cable Loss.

(2) Correct Factor= Ant_F + Cab_L - Preamp

(3) Data of measurement within this frequency range shown "--" in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

For LTE BAND26 link

■ Spurious Emission below 30MHz (9KHz to 30MHz)

Temperature:	24℃	Test Date:	June 15, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND26	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
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Note: the amplitude of spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be reported.

■ Spurious Emission Above 30MHz (30MHz to 10th harmonics)

Temperature:	24℃	Test Date:	June 15, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND26	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
4157.5	H	1.4 MHz	RB1#0	-37.17	-13	-24.17	Pass
14319.82	H	1.4 MHz	RB1#0	-35.15	-13	-22.15	Pass
--	--	--	--	--	--	--	--
4157.5	V	1.4 MHz	RB1#0	-38.88	-13	-25.88	Pass
14260.09	V	1.4 MHz	RB1#0	-34.78	-13	-21.78	Pass
--	--	--	--	--	--	--	--

Temperature:	24℃	Test Date:	June 15, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND26	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
4157.5	H	3 MHz	RB1#0	-37.32	-13	-24.32	Pass
14492.66	H	3 MHz	RB1#0	-38.46	-13	-25.46	Pass
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4157.5	V	3 MHz	RB1#0	-39.18	-13	-26.18	Pass
15117.83	V	3 MHz	RB1#0	-34.73	-13	-21.73	Pass
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Note: (1) Emission Level= Reading Level+ Correct Factor +Cable Loss.

(2) Correct Factor= Ant_F + Cab_L - Preamp

(3) Data of measurement within this frequency range shown "--" in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

Temperature:	24°C	Test Date:	June 15, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND26	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
4157.5	H	5 MHz	RB1#0	-37.84	-13	-24.84	Pass
14043.92	H	5 MHz	RB1#0	-35.46	-13	-22.46	Pass
--	--	--	--	--	--	--	--
4157.5	V	5 MHz	RB1#0	-38.84	-13	-25.84	Pass
14229.10	V	5 MHz	RB1#0	-35.30	-13	-22.30	Pass
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Temperature:	24°C	Test Date:	June 15, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND26	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
4157.5	H	10 MHz	RB1#0	-37.89	-13	-24.89	Pass
14458.34	H	10 MHz	RB1#0	-35.19	-13	-22.19	Pass
--	--	--	--	--	--	--	--
4157.5	V	10 MHz	RB1#0	-38.82	-13	-25.82	Pass
14631.75	V	10 MHz	RB1#0	-34.96	-13	-21.96	Pass
--	--	--	--	--	--	--	--

Temperature:	24°C	Test Date:	June 15, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND26	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
4157.5	H	15 MHz	RB1#0	-38.51	-13	-25.51	Pass
14690.09	H	15 MHz	RB1#0	-35.75	-13	-22.75	Pass
--	--	--	--	--	--	--	--
4157.5	V	15 MHz	RB1#0	-39.61	-13	-26.61	Pass
14620.80	V	15 MHz	RB1#0	-34.30	-13	-21.30	Pass
--	--	--	--	--	--	--	--

Note: (1) Emission Level= Reading Level+ Correct Factor +Cable Loss.

(2) Correct Factor= Ant_F + Cab_L - Preamp

(3) Data of measurement within this frequency range shown "--" in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

For LTE BAND30 link

■ Spurious Emission below 30MHz (9KHz to 30MHz)

Temperature:	24°C	Test Date:	June 15, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND30	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
--	--	--	--	--	--	--	--

Note: the amplitude of spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be reported.

■ Spurious Emission Above 30MHz (30MHz to 10th harmonics)

Temperature:	24°C	Test Date:	June 15, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND30	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
4620	H	5 MHz	RB1#0	-37.43	-30	-7.43	Pass
14357.33	H	5 MHz	RB1#0	-35.36	-30	-5.36	Pass
--	--	--	--	--	--	--	--
4620	V	5 MHz	RB1#0	-38.05	-30	-8.05	Pass
14844.43	V	5 MHz	RB1#0	-34.25	-30	-4.25	Pass
--	--	--	--	--	--	--	--

Temperature:	24°C	Test Date:	June 15, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND30	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
4620	H	10 MHz	RB1#0	-37.99	-30	-7.99	Pass
15719.12	H	10 MHz	RB1#0	-35.06	-30	-5.06	Pass
--	--	--	--	--	--	--	--
4620	V	10 MHz	RB1#0	-38.84	-30	-8.84	Pass
14489.45	V	10 MHz	RB1#0	-35.02	-30	-5.02	Pass
--	--	--	--	--	--	--	--

Note: (1) Emission Level= Reading Level+ Correct Factor +Cable Loss.

(2) Correct Factor= Ant_F + Cab_L - Preamp

(3) Data of measurement within this frequency range shown "--" in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

For LTE BAND41 link

■ Spurious Emission below 30MHz (9KHz to 30MHz)

Temperature:	24℃	Test Date:	June 15, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND41	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
--	--	--	--	--	--	--	--

Note: the amplitude of spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be reported.

■ Spurious Emission Above 30MHz (30MHz to 10th harmonics)

Temperature:	24℃	Test Date:	June 15, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND41	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
7779	H	5 MHz	RB1#0	-40.49	-25	-15.49	Pass
15016.16	H	5 MHz	RB1#0	-34.30	-25	-9.30	Pass
--	--	--	--	--	--	--	--
7779	V	5 MHz	RB1#0	-41.25	-25	-16.25	Pass
14900.17	V	5 MHz	RB1#0	-34.55	-25	-9.55	Pass
--	--	--	--	--	--	--	--

Temperature:	24℃	Test Date:	June 15, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND41	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
7779	H	10 MHz	RB1#0	-40.80	-25	-15.80	Pass
15462.35	H	10 MHz	RB1#0	-35.39	-25	-10.39	Pass
--	--	--	--	--	--	--	--
7779	V	10 MHz	RB1#0	-41.49	-25	-16.49	Pass
14312.81	V	10 MHz	RB1#0	-34.59	-25	-9.59	Pass
--	--	--	--	--	--	--	--

Note: (1) Emission Level= Reading Level+ Correct Factor +Cable Loss.

(2) Correct Factor= Ant_F + Cab_L - Preamp

(3) Data of measurement within this frequency range shown “ -- ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

Temperature:	24°C	Test Date:	June 15, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND41	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
7779	H	15 MHz	RB1#0	-41.09	-25	-16.09	Pass
15257.04	H	15 MHz	RB1#0	-34.19	-25	-9.19	Pass
--	--	--	--	--	--	--	--
7779	V	15 MHz	RB1#0	-42.40	-25	-17.40	Pass
15136.52	V	15 MHz	RB1#0	-35.99	-25	-10.99	Pass
--	--	--	--	--	--	--	--

Temperature:	24°C	Test Date:	June 15, 2017
Humidity:	53 %	Test By:	KK
Test Band:	LTE BAND41	Test Mode:	QPSK/ Middle Channel

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
7779	H	20 MHz	RB1#0	-41.02	-25	-16.02	Pass
14912.87	H	20 MHz	RB1#0	-35.22	-25	-10.22	Pass
--	--	--	--	--	--	--	--
7779	V	20 MHz	RB1#0	-42.48	-25	-17.48	Pass
14919.40	H	20 MHz	RB1#0	-41.02	-25	-16.02	Pass
--	--	--	--	--	--	--	--

- Note: (1) Emission Level= Reading Level+ Correct Factor +Cable Loss.
(2) Correct Factor= Ant_F + Cab_L - Preamp
(3) Data of measurement within this frequency range shown "--" in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

APPENDIX G: TEST DATA FOR FREQUENCY STABILITY

All modes have been tested, and the worst result recorded was report as below

Operation Mode	Modulation	Band Width	Test Condition		Channel Frequency (MHz)	Freq.Dev. (Hz)	Deviation (ppm)	Limit (ppm)
			Volt. (V)	Temp. (°C)				
LTE BAND4	QPSK/16-QAM	1.4MHz	VN	-20	1710.7	-10.18	-0.0060	2.5
				-10	1710.7	-8.69	-0.0051	2.5
				0	1710.7	-9.50	-0.0056	2.5
				10	1710.7	-10.81	-0.0063	2.5
				20	1710.7	-21.12	-0.0123	2.5
				30	1710.7	-9.29	-0.0054	2.5
				40	1710.7	-10.22	-0.0060	2.5
				50	1710.7	-11.15	-0.0065	2.5
			VL	20	1710.7	-10.12	-0.0059	2.5
			VH	20	1710.7	-11.02	-0.0064	2.5
			VN	-20	1732.5	-11.04	-0.0065	2.5
				-10	1732.5	-10.46	-0.0061	2.5
				0	1732.5	-10.74	-0.0063	2.5
				10	1732.5	-12.15	-0.0071	2.5
				20	1732.5	-11.55	-0.0068	2.5
				30	1732.5	-10.37	-0.0061	2.5
				40	1732.5	-22.17	-0.0130	2.5
				50	1732.5	-21.64	-0.0127	2.5
			VL	20	1732.5	-12.88	-0.0075	2.5
			VH	20	1732.5	-8.83	-0.0052	2.5
			VN	-20	1754.3	-13.16	-0.0077	2.5
				-10	1754.3	-9.85	-0.0058	2.5
				0	1754.3	-11.98	-0.0070	2.5
				10	1754.3	-12.48	-0.0073	2.5
				20	1754.3	-11.72	-0.0069	2.5
				30	1754.3	-12.59	-0.0074	2.5
				40	1754.3	-12.44	-0.0073	2.5
				50	1754.3	-13.80	-0.0081	2.5
			VL	20	1754.3	-14.21	-0.0083	2.5
			VH	20	1754.3	-11.19	-0.0065	2.5
VERDICT					PASS			

Operation Mode	Modulation	Band Width	Test Condition		Channel Frequency (MHz)	Freq.Dev. (Hz)	Deviation (ppm)	Limit (ppm)
			Volt. (V)	Temp. (°C)				
LTE BAND4	QPSK/16-QAM	3MHz	VN	-20	1711.5	-8.60	-0.0050	2.5
				-10	1711.5	-8.43	-0.0049	2.5
				0	1711.5	-9.21	-0.0054	2.5
				10	1711.5	-11.18	-0.0065	2.5
				20	1711.5	-20.03	-0.0117	2.5
				30	1711.5	-10.14	-0.0059	2.5
				40	1711.5	-10.55	-0.0062	2.5
				50	1711.5	-10.57	-0.0062	2.5
				VL	20	1711.5	-9.93	-0.0058
			VH	20	1711.5	-11.00	-0.0064	2.5
			VN	-20	1732.5	-10.22	-0.0060	2.5
				-10	1732.5	-9.36	-0.0055	2.5
				0	1732.5	-10.48	-0.0061	2.5
				10	1732.5	-10.81	-0.0063	2.5
				20	1732.5	-11.11	-0.0065	2.5
				30	1732.5	-12.04	-0.0070	2.5
				40	1732.5	-24.03	-0.0141	2.5
				50	1732.5	-20.71	-0.0121	2.5
				VL	20	1732.5	-11.80	-0.0069
			VH	20	1732.5	-8.16	-0.0048	2.5
			VN	-20	1753.5	-12.00	-0.0070	2.5
				-10	1753.5	-10.16	-0.0059	2.5
				0	1753.5	-10.69	-0.0063	2.5
				10	1753.5	-13.40	-0.0078	2.5
				20	1753.5	-10.66	-0.0062	2.5
				30	1753.5	-14.43	-0.0084	2.5
				40	1753.5	-12.25	-0.0072	2.5
				50	1753.5	-14.23	-0.0083	2.5
				VL	20	1753.5	-13.54	-0.0079
			VH	20	1753.5	-13.01	-0.0076	2.5
VERDICT					PASS			

Operation Mode	Modulation	Band Width	Test Condition		Channel Frequency (MHz)	Freq.Dev. (Hz)	Deviation (ppm)	Limit (ppm)
			Volt. (V)	Temp. (°C)				
LTE BAND4	QPSK/16-QAM	5MHz	VN	-20	1712.5	-9.53	-0.0056	2.5
				-10	1712.5	-9.25	-0.0054	2.5
				0	1712.5	-9.60	-0.0056	2.5
				10	1712.5	-9.47	-0.0055	2.5
				20	1712.5	-20.76	-0.0121	2.5
				30	1712.5	-9.54	-0.0056	2.5
				40	1712.5	-9.96	-0.0058	2.5
				50	1712.5	-12.22	-0.0071	2.5
			VL	20	1712.5	-9.78	-0.0057	2.5
			VH	20	1712.5	-10.92	-0.0064	2.5
			VN	-20	1732.5	-11.13	-0.0065	2.5
				-10	1732.5	-9.92	-0.0058	2.5
				0	1732.5	-10.77	-0.0063	2.5
				10	1732.5	-10.89	-0.0064	2.5
				20	1732.5	-11.17	-0.0065	2.5
				30	1732.5	-10.49	-0.0061	2.5
				40	1732.5	-22.74	-0.0133	2.5
				50	1732.5	-20.59	-0.0120	2.5
			VL	20	1732.5	-12.30	-0.0072	2.5
			VH	20	1732.5	-8.71	-0.0051	2.5
			VN	-20	1752.5	-12.68	-0.0074	2.5
				-10	1752.5	-10.31	-0.0060	2.5
				0	1752.5	-12.26	-0.0072	2.5
				10	1752.5	-12.69	-0.0074	2.5
				20	1752.5	-10.47	-0.0061	2.5
				30	1752.5	-12.55	-0.0073	2.5
				40	1752.5	-11.49	-0.0067	2.5
				50	1752.5	-14.54	-0.0085	2.5
			VL	20	1752.5	-13.71	-0.0080	2.5
			VH	20	1752.5	-11.53	-0.0067	2.5
VERDICT					PASS			

Operation Mode	Modulation	Band Width	Test Condition		Channel Frequency (MHz)	Freq.Dev. (Hz)	Deviation (ppm)	Limit (ppm)
			Volt. (V)	Temp. (°C)				
LTE BAND4	QPSK/16-QAM	10MHz	VN	-20	1715.0	-8.69	-0.0051	2.5
				-10	1715.0	-9.76	-0.0057	2.5
				0	1715.0	-8.96	-0.0052	2.5
				10	1715.0	-11.27	-0.0066	2.5
				20	1715.0	-20.19	-0.0118	2.5
				30	1715.0	-9.05	-0.0053	2.5
				40	1715.0	-11.09	-0.0065	2.5
				50	1715.0	-12.07	-0.0071	2.5
			VL	20	1715.0	-10.31	-0.0060	2.5
			VH	20	1715.0	-10.42	-0.0061	2.5
			VN	-20	1732.5	-11.15	-0.0065	2.5
				-10	1732.5	-10.78	-0.0063	2.5
				0	1732.5	-10.81	-0.0063	2.5
				10	1732.5	-11.37	-0.0066	2.5
				20	1732.5	-12.38	-0.0072	2.5
				30	1732.5	-10.62	-0.0062	2.5
				40	1732.5	-22.34	-0.0131	2.5
				50	1732.5	-21.21	-0.0124	2.5
			VL	20	1732.5	-11.84	-0.0069	2.5
			VH	20	1732.5	-10.09	-0.0059	2.5
			VN	-20	1750.0	-11.76	-0.0069	2.5
				-10	1750.0	-8.90	-0.0052	2.5
				0	1750.0	-11.13	-0.0065	2.5
				10	1750.0	-12.33	-0.0072	2.5
				20	1750.0	-10.77	-0.0063	2.5
				30	1750.0	-13.01	-0.0076	2.5
				40	1750.0	-12.57	-0.0074	2.5
				50	1750.0	-13.31	-0.0078	2.5
			VL	20	1750.0	-13.27	-0.0078	2.5
			VH	20	1750.0	-11.51	-0.0067	2.5
VERDICT					PASS			

Operation Mode	Modulation	Band Width	Test Condition		Channel Frequency (MHz)	Freq.Dev. (Hz)	Deviation (ppm)	Limit (ppm)
			Volt. (V)	Temp. (°C)				
LTE BAND4	QPSK/16-QAM	15MHz	VN	-20	1717.5	-9.64	-0.0056	2.5
				-10	1717.5	-8.37	-0.0049	2.5
				0	1717.5	-9.44	-0.0055	2.5
				10	1717.5	-10.37	-0.0061	2.5
				20	1717.5	-21.03	-0.0123	2.5
				30	1717.5	-9.12	-0.0053	2.5
				40	1717.5	-9.52	-0.0056	2.5
				50	1717.5	-12.11	-0.0071	2.5
			VL	20	1717.5	-10.98	-0.0064	2.5
			VH	20	1717.5	-10.94	-0.0064	2.5
			VN	-20	1732.5	-9.58	-0.0056	2.5
				-10	1732.5	-10.10	-0.0059	2.5
				0	1732.5	-11.61	-0.0068	2.5
				10	1732.5	-11.38	-0.0067	2.5
				20	1732.5	-11.95	-0.0070	2.5
				30	1732.5	-10.65	-0.0062	2.5
				40	1732.5	-23.40	-0.0137	2.5
				50	1732.5	-21.68	-0.0127	2.5
			VL	20	1732.5	-11.95	-0.0070	2.5
			VH	20	1732.5	-9.37	-0.0055	2.5
			VN	-20	1747.5	-12.48	-0.0073	2.5
				-10	1747.5	-8.87	-0.0052	2.5
				0	1747.5	-11.11	-0.0065	2.5
				10	1747.5	-12.85	-0.0075	2.5
				20	1747.5	-11.01	-0.0064	2.5
				30	1747.5	-12.68	-0.0074	2.5
				40	1747.5	-11.21	-0.0066	2.5
				50	1747.5	-13.03	-0.0076	2.5
			VL	20	1747.5	-14.65	-0.0086	2.5
			VH	20	1747.5	-12.73	-0.0074	2.5
VERDICT					PASS			

Operation Mode	Modulation	Band Width	Test Condition		Channel Frequency (MHz)	Freq.Dev. (Hz)	Deviation (ppm)	Limit (ppm)
			Volt. (V)	Temp. (°C)				
LTE BAND4	QPSK/16-QAM	20MHz	VN	-20	1720.0	-9.77	-0.0057	2.5
				-10	1720.0	-9.71	-0.0057	2.5
				0	1720.0	-9.88	-0.0058	2.5
				10	1720.0	-11.21	-0.0066	2.5
				20	1720.0	-20.23	-0.0118	2.5
				30	1720.0	-8.80	-0.0051	2.5
				40	1720.0	-9.27	-0.0054	2.5
				50	1720.0	-11.67	-0.0068	2.5
			VL	20	1720.0	-10.10	-0.0059	2.5
			VH	20	1720.0	-10.80	-0.0063	2.5
			VN	-20	1732.5	-9.83	-0.0057	2.5
				-10	1732.5	-10.96	-0.0064	2.5
				0	1732.5	-10.75	-0.0063	2.5
				10	1732.5	-11.37	-0.0066	2.5
				20	1732.5	-10.74	-0.0063	2.5
				30	1732.5	-11.29	-0.0066	2.5
				40	1732.5	-22.55	-0.0132	2.5
				50	1732.5	-20.15	-0.0118	2.5
			VL	20	1732.5	-13.43	-0.0079	2.5
			VH	20	1732.5	-9.19	-0.0054	2.5
			VN	-20	1745.0	-13.11	-0.0077	2.5
				-10	1745.0	-9.54	-0.0056	2.5
				0	1745.0	-12.39	-0.0072	2.5
				10	1745.0	-12.76	-0.0075	2.5
				20	1745.0	-11.68	-0.0068	2.5
				30	1745.0	-13.78	-0.0081	2.5
				40	1745.0	-11.33	-0.0066	2.5
				50	1745.0	-13.45	-0.0079	2.5
			VL	20	1745.0	-14.36	-0.0084	2.5
			VH	20	1745.0	-12.66	-0.0074	2.5
VERDICT					PASS			

Operation Mode	Modulation	Band Width	Test Condition		Channel Frequency (MHz)	Freq.Dev. (Hz)	Deviation (ppm)	Limit (ppm)
			Volt. (V)	Temp. (°C)				
LTE BAND7	QPSK/16-QAM	5MHz	VN	-20	2502.5	-12.20	-0.0071	2.5
				-10	2502.5	-9.08	-0.0053	2.5
				0	2502.5	-9.03	-0.0053	2.5
				10	2502.5	-9.77	-0.0057	2.5
				20	2502.5	-19.78	-0.0116	2.5
				30	2502.5	-11.25	-0.0066	2.5
				40	2502.5	-11.32	-0.0066	2.5
				50	2502.5	-11.61	-0.0068	2.5
			VL	20	2502.5	-10.80	-0.0063	2.5
			VH	20	2502.5	-11.21	-0.0066	2.5
			VN	-20	2535	-10.92	-0.0064	2.5
				-10	2535	-10.05	-0.0059	2.5
				0	2535	-11.87	-0.0069	2.5
				10	2535	-13.03	-0.0076	2.5
				20	2535	-11.05	-0.0065	2.5
				30	2535	-12.74	-0.0075	2.5
				40	2535	-15.03	-0.0088	2.5
				50	2535	-17.08	-0.0100	2.5
			VL	20	2535	-11.51	-0.0067	2.5
			VH	20	2535	-8.13	-0.0048	2.5
			VN	-20	2567.5	-12.22	-0.0071	2.5
				-10	2567.5	-10.04	-0.0059	2.5
				0	2567.5	-13.18	-0.0077	2.5
				10	2567.5	-11.57	-0.0068	2.5
				20	2567.5	-11.91	-0.0070	2.5
				30	2567.5	-15.28	-0.0089	2.5
				40	2567.5	-12.33	-0.0072	2.5
				50	2567.5	-13.41	-0.0078	2.5
			VL	20	2567.5	-14.13	-0.0083	2.5
			VH	20	2567.5	-13.86	-0.0081	2.5
VERDICT					PASS			

Operation Mode	Modulation	Band Width	Test Condition		Channel Frequency (MHz)	Freq.Dev. (Hz)	Deviation (ppm)	Limit (ppm)
			Volt. (V)	Temp. (°C)				
LTE BAND7	QPSK/16-QAM	10MHz	VN	-20	2505	-10.96	-0.0064	2.5
				-10	2505	-9.64	-0.0056	2.5
				0	2505	-10.02	-0.0059	2.5
				10	2505	-10.47	-0.0061	2.5
				20	2505	-19.97	-0.0117	2.5
				30	2505	-9.18	-0.0054	2.5
				40	2505	-11.81	-0.0069	2.5
				50	2505	-11.67	-0.0068	2.5
			VL	20	2505	-12.19	-0.0071	2.5
			VH	20	2505	-10.16	-0.0059	2.5
			VN	-20	2535	-12.30	-0.0072	2.5
				-10	2535	-10.69	-0.0063	2.5
				0	2535	-12.91	-0.0076	2.5
				10	2535	-11.73	-0.0069	2.5
				20	2535	-13.17	-0.0077	2.5
				30	2535	-11.64	-0.0068	2.5
				40	2535	-12.99	-0.0076	2.5
				50	2535	-15.25	-0.0089	2.5
			VL	20	2535	-13.77	-0.0081	2.5
			VH	20	2535	-10.43	-0.0061	2.5
			VN	-20	2565	-13.26	-0.0078	2.5
				-10	2565	-9.11	-0.0053	2.5
				0	2565	-11.75	-0.0069	2.5
				10	2565	-13.87	-0.0081	2.5
				20	2565	-12.10	-0.0071	2.5
				30	2565	-13.45	-0.0079	2.5
				40	2565	-10.92	-0.0064	2.5
				50	2565	-12.69	-0.0074	2.5
			VL	20	2565	-13.87	-0.0081	2.5
			VH	20	2565	-13.06	-0.0076	2.5
VERDICT					PASS			

Operation Mode	Modulation	Band Width	Test Condition		Channel Frequency (MHz)	Freq.Dev. (Hz)	Deviation (ppm)	Limit (ppm)
			Volt. (V)	Temp. (°C)				
LTE BAND7	QPSK/16-QAM	15MHz	VN	-20	2507.5	-12.27	-0.0072	2.5
				-10	2507.5	-10.62	-0.0062	2.5
				0	2507.5	-10.44	-0.0061	2.5
				10	2507.5	-11.74	-0.0069	2.5
				20	2507.5	-19.43	-0.0114	2.5
				30	2507.5	-10.83	-0.0063	2.5
				40	2507.5	-10.08	-0.0059	2.5
				50	2507.5	-10.55	-0.0062	2.5
			VL	20	2507.5	-10.23	-0.0060	2.5
			VH	20	2507.5	-10.84	-0.0063	2.5
			VN	-20	2535	-9.49	-0.0056	2.5
				-10	2535	-11.85	-0.0069	2.5
				0	2535	-10.81	-0.0063	2.5
				10	2535	-13.14	-0.0077	2.5
				20	2535	-12.82	-0.0075	2.5
				30	2535	-12.67	-0.0074	2.5
				40	2535	-15.55	-0.0091	2.5
				50	2535	-17.89	-0.0105	2.5
			VL	20	2535	-12.45	-0.0073	2.5
			VH	20	2535	-10.11	-0.0059	2.5
			VN	-20	2562.5	-13.30	-0.0078	2.5
				-10	2562.5	-9.78	-0.0057	2.5
				0	2562.5	-11.84	-0.0069	2.5
				10	2562.5	-13.34	-0.0078	2.5
				20	2562.5	-11.21	-0.0066	2.5
				30	2562.5	-14.78	-0.0086	2.5
				40	2562.5	-12.46	-0.0073	2.5
				50	2562.5	-14.33	-0.0084	2.5
			VL	20	2562.5	-15.94	-0.0093	2.5
			VH	20	2562.5	-11.39	-0.0067	2.5
VERDICT					PASS			

Operation Mode	Modulation	Band Width	Test Condition		Channel Frequency (MHz)	Freq.Dev. (Hz)	Deviation (ppm)	Limit (ppm)
			Volt. (V)	Temp. (°C)				
LTE BAND7	QPSK/16-QAM	20MHz	VN	-20	2510	-10.64	-0.0062	2.5
				-10	2510	-8.46	-0.0049	2.5
				0	2510	-9.16	-0.0054	2.5
				10	2510	-10.69	-0.0063	2.5
				20	2510	-22.21	-0.0130	2.5
				30	2510	-9.74	-0.0057	2.5
				40	2510	-9.37	-0.0055	2.5
				50	2510	-10.64	-0.0062	2.5
			VL	20	2510	-11.59	-0.0068	2.5
			VH	20	2510	-10.47	-0.0061	2.5
			VN	-20	2535	-11.29	-0.0066	2.5
				-10	2535	-11.96	-0.0070	2.5
				0	2535	-12.32	-0.0072	2.5
				10	2535	-12.12	-0.0071	2.5
				20	2535	-13.01	-0.0076	2.5
				30	2535	-10.52	-0.0062	2.5
				40	2535	-14.14	-0.0083	2.5
				50	2535	-16.33	-0.0095	2.5
			VL	20	2535	-14.23	-0.0083	2.5
			VH	20	2535	-9.01	-0.0053	2.5
			VN	-20	2560	-11.50	-0.0067	2.5
				-10	2560	-8.72	-0.0051	2.5
				0	2560	-11.92	-0.0070	2.5
				10	2560	-12.83	-0.0075	2.5
				20	2560	-12.47	-0.0073	2.5
				30	2560	-15.09	-0.0088	2.5
				40	2560	-13.55	-0.0079	2.5
				50	2560	-15.03	-0.0088	2.5
			VL	20	2560	-15.53	-0.0091	2.5
			VH	20	2560	-11.46	-0.0067	2.5
VERDICT					PASS			

Operation Mode	Modulation	Band Width	Test Condition		Channel Frequency (MHz)	Freq.Dev. (Hz)	Deviation (ppm)	Limit (ppm)
			Volt. (V)	Temp. (°C)				
LTE BAND12	QPSK/16-QAM	1.4MHz	VN	-20	699.7	-11.06	-0.0065	2.5
				-10	699.7	-8.05	-0.0047	2.5
				0	699.7	-6.48	-0.0038	2.5
				10	699.7	-8.44	-0.0049	2.5
				20	699.7	-18.90	-0.0111	2.5
				30	699.7	-8.42	-0.0049	2.5
				40	699.7	-8.61	-0.0050	2.5
				50	699.7	-8.42	-0.0049	2.5
			VL	20	699.7	-10.31	-0.0060	2.5
			VH	20	699.7	-7.44	-0.0043	2.5
			VN	-20	707.5	-10.19	-0.0060	2.5
				-10	707.5	-7.65	-0.0045	2.5
				0	707.5	-8.56	-0.0050	2.5
				10	707.5	-9.17	-0.0054	2.5
				20	707.5	-9.38	-0.0055	2.5
				30	707.5	-8.21	-0.0048	2.5
				40	707.5	-11.24	-0.0066	2.5
				50	707.5	-14.54	-0.0085	2.5
			VL	20	707.5	-12.10	-0.0071	2.5
			VH	20	707.5	-7.29	-0.0043	2.5
			VN	-20	715.3	-12.28	-0.0072	2.5
				-10	715.3	-7.79	-0.0046	2.5
				0	715.3	-11.45	-0.0067	2.5
				10	715.3	-11.82	-0.0069	2.5
				20	715.3	-9.97	-0.0058	2.5
				30	715.3	-11.44	-0.0067	2.5
				40	715.3	-10.70	-0.0063	2.5
				50	715.3	-10.63	-0.0062	2.5
			VL	20	715.3	-13.10	-0.0077	2.5
			VH	20	715.3	-11.84	-0.0069	2.5
VERDICT					PASS			

Operation Mode	Modulation	Band Width	Test Condition		Channel Frequency (MHz)	Freq.Dev. (Hz)	Deviation (ppm)	Limit (ppm)
			Volt. (V)	Temp. (°C)				
LTE BAND12	QPSK/16-QAM	3MHz	VN	-20	700.5	-10.96	-0.0064	2.5
				-10	700.5	-6.95	-0.0041	2.5
				0	700.5	-6.41	-0.0037	2.5
				10	700.5	-9.25	-0.0054	2.5
				20	700.5	-20.22	-0.0118	2.5
				30	700.5	-8.52	-0.0050	2.5
				40	700.5	-9.02	-0.0053	2.5
				50	700.5	-9.21	-0.0054	2.5
			VL	20	700.5	-9.13	-0.0053	2.5
			VH	20	700.5	-9.87	-0.0058	2.5
			VN	-20	707.5	-10.35	-0.0061	2.5
				-10	707.5	-8.98	-0.0053	2.5
				0	707.5	-10.54	-0.0062	2.5
				10	707.5	-11.18	-0.0065	2.5
				20	707.5	-9.34	-0.0055	2.5
				30	707.5	-8.07	-0.0047	2.5
				40	707.5	-11.03	-0.0064	2.5
				50	707.5	-14.19	-0.0083	2.5
			VL	20	707.5	-10.95	-0.0064	2.5
			VH	20	707.5	-7.79	-0.0046	2.5
			VN	-20	714.5	-9.62	-0.0056	2.5
				-10	714.5	-9.17	-0.0054	2.5
				0	714.5	-8.62	-0.0050	2.5
				10	714.5	-11.60	-0.0068	2.5
				20	714.5	-10.04	-0.0059	2.5
				30	714.5	-13.06	-0.0076	2.5
				40	714.5	-10.50	-0.0061	2.5
				50	714.5	-12.77	-0.0075	2.5
			VL	20	714.5	-11.72	-0.0069	2.5
			VH	20	714.5	-10.66	-0.0062	2.5
VERDICT					PASS			

Operation Mode	Modulation	Band Width	Test Condition		Channel Frequency (MHz)	Freq.Dev. (Hz)	Deviation (ppm)	Limit (ppm)
			Volt. (V)	Temp. (°C)				
LTE BAND12	QPSK/16-QAM	5MHz	VN	-20	701.5	-11.55	-0.0068	2.5
				-10	701.5	-7.64	-0.0045	2.5
				0	701.5	-7.91	-0.0046	2.5
				10	701.5	-7.48	-0.0044	2.5
				20	701.5	-19.41	-0.0114	2.5
				30	701.5	-8.63	-0.0050	2.5
				40	701.5	-7.95	-0.0047	2.5
				50	701.5	-8.70	-0.0051	2.5
			VL	20	701.5	-8.81	-0.0052	2.5
			VH	20	701.5	-8.86	-0.0052	2.5
			VN	-20	707.5	-8.34	-0.0049	2.5
				-10	707.5	-10.10	-0.0059	2.5
				0	707.5	-10.13	-0.0059	2.5
				10	707.5	-9.24	-0.0054	2.5
				20	707.5	-9.50	-0.0056	2.5
				30	707.5	-9.61	-0.0056	2.5
				40	707.5	-10.96	-0.0064	2.5
				50	707.5	-14.53	-0.0085	2.5
			VL	20	707.5	-11.33	-0.0066	2.5
			VH	20	707.5	-6.19	-0.0036	2.5
			VN	-20	713.5	-11.77	-0.0069	2.5
				-10	713.5	-7.15	-0.0042	2.5
				0	713.5	-10.96	-0.0064	2.5
				10	713.5	-10.31	-0.0060	2.5
				20	713.5	-7.95	-0.0046	2.5
				30	713.5	-12.36	-0.0072	2.5
				40	713.5	-10.54	-0.0062	2.5
				50	713.5	-10.82	-0.0063	2.5
			VL	20	713.5	-13.18	-0.0077	2.5
			VH	20	713.5	-10.34	-0.0060	2.5
VERDICT					PASS			

Operation Mode	Modulation	Band Width	Test Condition		Channel Frequency (MHz)	Freq.Dev. (Hz)	Deviation (ppm)	Limit (ppm)
			Volt. (V)	Temp. (°C)				
LTE BAND12	QPSK/16-QAM	10MHz	VN	-20	704	-9.20	-0.0054	2.5
				-10	704	-6.46	-0.0038	2.5
				0	704	-8.02	-0.0047	2.5
				10	704	-10.33	-0.0060	2.5
				20	704	-19.34	-0.0113	2.5
				30	704	-8.14	-0.0048	2.5
				40	704	-9.54	-0.0056	2.5
				50	704	-10.18	-0.0060	2.5
			VL	20	704	-9.57	-0.0056	2.5
			VH	20	704	-9.03	-0.0053	2.5
			VN	-20	707.5	-8.48	-0.0050	2.5
				-10	707.5	-7.75	-0.0045	2.5
				0	707.5	-10.40	-0.0061	2.5
				10	707.5	-11.08	-0.0065	2.5
				20	707.5	-9.75	-0.0057	2.5
				30	707.5	-8.59	-0.0050	2.5
				40	707.5	-12.45	-0.0073	2.5
				50	707.5	-15.76	-0.0092	2.5
			VL	20	707.5	-11.26	-0.0066	2.5
			VH	20	707.5	-6.60	-0.0039	2.5
			VN	-20	711	-12.14	-0.0071	2.5
				-10	711	-8.06	-0.0047	2.5
				0	711	-11.10	-0.0065	2.5
				10	711	-11.34	-0.0066	2.5
				20	711	-9.80	-0.0057	2.5
				30	711	-11.50	-0.0067	2.5
				40	711	-10.41	-0.0061	2.5
				50	711	-12.79	-0.0075	2.5
			VL	20	711	-12.45	-0.0073	2.5
			VH	20	711	-11.41	-0.0067	2.5
VERDICT					PASS			

Operation Mode	Modulation	Band Width	Test Condition		Channel Frequency (MHz)	Freq.Dev. (Hz)	Deviation (ppm)	Limit (ppm)
			Volt. (V)	Temp. (°C)				
LTE BAND13	QPSK/16-QAM	5MHz	VN	-20	779.5	-9.70	-0.0057	2.5
				-10	779.5	-6.86	-0.0040	2.5
				0	779.5	-7.79	-0.0046	2.5
				10	779.5	-8.43	-0.0049	2.5
				20	779.5	-18.83	-0.0110	2.5
				30	779.5	-9.23	-0.0054	2.5
				40	779.5	-8.66	-0.0051	2.5
				50	779.5	-11.27	-0.0066	2.5
			VL	20	779.5	-9.02	-0.0053	2.5
			VH	20	779.5	-7.86	-0.0046	2.5
			VN	-20	782.0	-9.00	-0.0053	2.5
				-10	782.0	-8.23	-0.0048	2.5
				0	782.0	-10.82	-0.0063	2.5
				10	782.0	-11.25	-0.0066	2.5
				20	782.0	-8.73	-0.0051	2.5
				30	782.0	-10.10	-0.0059	2.5
				40	782.0	-13.79	-0.0081	2.5
				50	782.0	-13.21	-0.0077	2.5
			VL	20	782.0	-10.19	-0.0060	2.5
			VH	20	782.0	-6.36	-0.0037	2.5
			VN	-20	784.5	-10.60	-0.0062	2.5
				-10	784.5	-8.99	-0.0053	2.5
				0	784.5	-8.55	-0.0050	2.5
				10	784.5	-12.36	-0.0072	2.5
				20	784.5	-8.10	-0.0047	2.5
				30	784.5	-11.99	-0.0070	2.5
				40	784.5	-11.43	-0.0067	2.5
				50	784.5	-13.37	-0.0078	2.5
			VL	20	784.5	-13.85	-0.0081	2.5
			VH	20	784.5	-9.62	-0.0056	2.5
VERDICT					PASS			

Operation Mode	Modulation	Band Width	Test Condition		Channel Frequency (MHz)	Freq.Dev. (Hz)	Deviation (ppm)	Limit (ppm)
			Volt. (V)	Temp. (°C)				
LTE BAND13	QPSK/16-QAM	10MHz	VN	-20	782.0	-10.91	-0.0064	2.5
				-10	782.0	-9.09	-0.0053	2.5
				0	782.0	-6.42	-0.0038	2.5
				10	782.0	-7.76	-0.0045	2.5
				20	782.0	-20.05	-0.0117	2.5
				30	782.0	-8.50	-0.0050	2.5
				40	782.0	-9.40	-0.0055	2.5
				50	782.0	-11.11	-0.0065	2.5
			VL	20	782.0	-8.20	-0.0048	2.5
			VH	20	782.0	-8.56	-0.0050	2.5
VERDICT					PASS			

Operation Mode	Modulation	Band Width	Test Condition		Channel Frequency (MHz)	Freq.Dev. (Hz)	Deviation (ppm)	Limit (ppm)
			Volt. (V)	Temp. (°C)				
LTE BAND25	QPSK/16-QAM	1.4MHz	VN	-20	1850.7	-10.45	-0.0061	2.5
				-10	1850.7	-6.20	-0.0036	2.5
				0	1850.7	-6.35	-0.0037	2.5
				10	1850.7	-7.59	-0.0044	2.5
				20	1850.7	-18.99	-0.0111	2.5
				30	1850.7	-7.10	-0.0042	2.5
				40	1850.7	-8.77	-0.0051	2.5
				50	1850.7	-11.36	-0.0066	2.5
			VL	20	1850.7	-8.88	-0.0052	2.5
			VH	20	1850.7	-7.23	-0.0042	2.5
			VN	-20	1882.5	-10.15	-0.0059	2.5
				-10	1882.5	-8.43	-0.0049	2.5
				0	1882.5	-8.89	-0.0052	2.5
				10	1882.5	-9.64	-0.0056	2.5
				20	1882.5	-10.41	-0.0061	2.5
				30	1882.5	-10.96	-0.0064	2.5
				40	1882.5	-12.67	-0.0074	2.5
				50	1882.5	-13.98	-0.0082	2.5
			VL	20	1882.5	-12.39	-0.0072	2.5
			VH	20	1882.5	-7.08	-0.0041	2.5
			VN	-20	1914.3	-11.66	-0.0068	2.5
				-10	1914.3	-8.90	-0.0052	2.5
				0	1914.3	-10.29	-0.0060	2.5
				10	1914.3	-11.70	-0.0068	2.5
				20	1914.3	-9.37	-0.0055	2.5
				30	1914.3	-12.27	-0.0072	2.5
				40	1914.3	-10.80	-0.0063	2.5
				50	1914.3	-12.23	-0.0072	2.5
			VL	20	1914.3	-12.73	-0.0074	2.5
			VH	20	1914.3	-12.01	-0.0070	2.5
VERDICT					PASS			

Operation Mode	Modulation	Band Width	Test Condition		Channel Frequency (MHz)	Freq.Dev. (Hz)	Deviation (ppm)	Limit (ppm)
			Volt. (V)	Temp. (°C)				
LTE BAND25	QPSK/16-QAM	3MHz	VN	-20	1851.5	-9.21	-0.0054	2.5
				-10	1851.5	-7.58	-0.0044	2.5
				0	1851.5	-6.57	-0.0038	2.5
				10	1851.5	-8.75	-0.0051	2.5
				20	1851.5	-19.81	-0.0116	2.5
				30	1851.5	-9.44	-0.0055	2.5
				40	1851.5	-7.97	-0.0047	2.5
				50	1851.5	-9.80	-0.0057	2.5
			VL	20	1851.5	-9.27	-0.0054	2.5
			VH	20	1851.5	-8.59	-0.0050	2.5
			VN	-20	1882.5	-7.90	-0.0046	2.5
				-10	1882.5	-8.64	-0.0051	2.5
				0	1882.5	-8.88	-0.0052	2.5
				10	1882.5	-10.72	-0.0063	2.5
				20	1882.5	-11.07	-0.0065	2.5
				30	1882.5	-8.35	-0.0049	2.5
				40	1882.5	-11.87	-0.0069	2.5
				50	1882.5	-13.94	-0.0082	2.5
			VL	20	1882.5	-10.54	-0.0062	2.5
			VH	20	1882.5	-8.57	-0.0050	2.5
			VN	-20	1913.5	-10.39	-0.0061	2.5
				-10	1913.5	-7.07	-0.0041	2.5
				0	1913.5	-11.21	-0.0066	2.5
				10	1913.5	-11.98	-0.0070	2.5
				20	1913.5	-8.92	-0.0052	2.5
				30	1913.5	-10.49	-0.0061	2.5
				40	1913.5	-9.53	-0.0056	2.5
				50	1913.5	-12.84	-0.0075	2.5
			VL	20	1913.5	-13.12	-0.0077	2.5
			VH	20	1913.5	-9.92	-0.0058	2.5
VERDICT					PASS			

Operation Mode	Modulation	Band Width	Test Condition		Channel Frequency (MHz)	Freq.Dev. (Hz)	Deviation (ppm)	Limit (ppm)
			Volt. (V)	Temp. (°C)				
LTE BAND25	QPSK/16-QAM	5MHz	VN	-20	1852.5	-10.31	-0.0060	2.5
				-10	1852.5	-7.68	-0.0045	2.5
				0	1852.5	-8.37	-0.0049	2.5
				10	1852.5	-8.86	-0.0052	2.5
				20	1852.5	-19.22	-0.0112	2.5
				30	1852.5	-8.37	-0.0049	2.5
				40	1852.5	-7.33	-0.0043	2.5
				50	1852.5	-10.44	-0.0061	2.5
			VL	20	1852.5	-10.17	-0.0059	2.5
			VH	20	1852.5	-8.25	-0.0048	2.5
			VN	-20	1882.5	-9.33	-0.0055	2.5
				-10	1882.5	-8.73	-0.0051	2.5
				0	1882.5	-9.34	-0.0055	2.5
				10	1882.5	-10.12	-0.0059	2.5
				20	1882.5	-10.65	-0.0062	2.5
				30	1882.5	-10.59	-0.0062	2.5
				40	1882.5	-11.16	-0.0065	2.5
				50	1882.5	-13.19	-0.0077	2.5
			VL	20	1882.5	-11.27	-0.0066	2.5
			VH	20	1882.5	-6.26	-0.0037	2.5
			VN	-20	1912.5	-11.88	-0.0069	2.5
				-10	1912.5	-8.66	-0.0051	2.5
				0	1912.5	-9.88	-0.0058	2.5
				10	1912.5	-10.45	-0.0061	2.5
				20	1912.5	-10.00	-0.0058	2.5
				30	1912.5	-11.01	-0.0064	2.5
				40	1912.5	-8.97	-0.0052	2.5
				50	1912.5	-11.36	-0.0066	2.5
			VL	20	1912.5	-12.50	-0.0073	2.5
			VH	20	1912.5	-9.54	-0.0056	2.5
VERDICT					PASS			

Operation Mode	Modulation	Band Width	Test Condition		Channel Frequency (MHz)	Freq.Dev. (Hz)	Deviation (ppm)	Limit (ppm)
			Volt. (V)	Temp. (°C)				
LTE BAND25	QPSK/16-QAM	10MHz	VN	-20	1855.0	-16.15	-0.0087	2.5
				-10	1855.0	-16.57	-0.0089	2.5
				0	1855.0	-16.97	-0.0091	2.5
				10	1855.0	-17.40	-0.0094	2.5
				20	1855.0	-26.47	-0.0143	2.5
				30	1855.0	-15.68	-0.0085	2.5
				40	1855.0	-17.02	-0.0092	2.5
				50	1855.0	-17.97	-0.0097	2.5
			VL	20	1855.0	-16.68	-0.0090	2.5
			VH	20	1855.0	-15.83	-0.0085	2.5
			VN	-20	1882.5	-16.21	-0.0086	2.5
				-10	1882.5	-16.47	-0.0087	2.5
				0	1882.5	-17.88	-0.0095	2.5
				10	1882.5	-18.51	-0.0098	2.5
				20	1882.5	-17.26	-0.0092	2.5
				30	1882.5	-16.50	-0.0088	2.5
				40	1882.5	-26.57	-0.0141	2.5
				50	1882.5	-26.24	-0.0139	2.5
			VL	20	1882.5	-13.37	-0.0071	2.5
			VH	20	1882.5	-9.91	-0.0053	2.5
			VN	-20	1910.0	-14.67	-0.0077	2.5
				-10	1910.0	-6.57	-0.0034	2.5
				0	1910.0	-15.89	-0.0083	2.5
				10	1910.0	-14.63	-0.0077	2.5
				20	1910.0	-5.87	-0.0031	2.5
				30	1910.0	-15.34	-0.0080	2.5
				40	1910.0	-8.88	-0.0046	2.5
				50	1910.0	-10.40	-0.0054	2.5
			VL	20	1910.0	-15.37	-0.0080	2.5
			VH	20	1910.0	-4.41	-0.0023	2.5
VERDICT					PASS			

Operation Mode	Modulation	Band Width	Test Condition		Channel Frequency (MHz)	Freq.Dev. (Hz)	Deviation (ppm)	Limit (ppm)
			Volt. (V)	Temp. (°C)				
LTE BAND25	QPSK/16-QAM	15MHz	VN	-20	1857.5	-10.55	-0.0057	2.5
				-10	1857.5	-7.30	-0.0039	2.5
				0	1857.5	-7.47	-0.0040	2.5
				10	1857.5	-9.57	-0.0052	2.5
				20	1857.5	-18.87	-0.0102	2.5
				30	1857.5	-9.23	-0.0050	2.5
				40	1857.5	-9.46	-0.0051	2.5
				50	1857.5	-10.78	-0.0058	2.5
			VL	20	1857.5	-9.27	-0.0050	2.5
			VH	20	1857.5	-9.73	-0.0052	2.5
			VN	-20	1882.5	-10.36	-0.0055	2.5
				-10	1882.5	-8.49	-0.0045	2.5
				0	1882.5	-10.76	-0.0057	2.5
				10	1882.5	-11.39	-0.0060	2.5
				20	1882.5	-11.39	-0.0061	2.5
				30	1882.5	-9.74	-0.0052	2.5
				40	1882.5	-13.31	-0.0071	2.5
				50	1882.5	-14.67	-0.0078	2.5
			VL	20	1882.5	-11.42	-0.0061	2.5
			VH	20	1882.5	-8.46	-0.0045	2.5
			VN	-20	1907.5	-11.46	-0.0060	2.5
				-10	1907.5	-8.64	-0.0045	2.5
				0	1907.5	-10.14	-0.0053	2.5
				10	1907.5	-10.99	-0.0058	2.5
				20	1907.5	-9.95	-0.0052	2.5
				30	1907.5	-13.41	-0.0070	2.5
				40	1907.5	-11.01	-0.0058	2.5
				50	1907.5	-12.21	-0.0064	2.5
			VL	20	1907.5	-12.53	-0.0066	2.5
			VH	20	1907.5	-10.27	-0.0054	2.5
VERDICT					PASS			

Operation Mode	Modulation	Band Width	Test Condition		Channel Frequency (MHz)	Freq.Dev. (Hz)	Deviation (ppm)	Limit (ppm)
			Volt. (V)	Temp. (°C)				
LTE BAND25	QPSK/16-QAM	20MHz	VN	-20	1860.0	-11.37	-0.0061	2.5
				-10	1860.0	-7.37	-0.0040	2.5
				0	1860.0	-7.98	-0.0043	2.5
				10	1860.0	-9.25	-0.0050	2.5
				20	1860.0	-19.04	-0.0102	2.5
				30	1860.0	-8.25	-0.0044	2.5
				40	1860.0	-8.80	-0.0047	2.5
				50	1860.0	-10.41	-0.0056	2.5
			VL	20	1860.0	-10.09	-0.0054	2.5
			VH	20	1860.0	-9.87	-0.0053	2.5
			VN	-20	1882.5	-9.36	-0.0050	2.5
				-10	1882.5	-8.98	-0.0048	2.5
				0	1882.5	-9.59	-0.0051	2.5
				10	1882.5	-11.46	-0.0061	2.5
				20	1882.5	-10.03	-0.0053	2.5
				30	1882.5	-10.15	-0.0054	2.5
				40	1882.5	-12.09	-0.0064	2.5
				50	1882.5	-15.21	-0.0081	2.5
			VL	20	1882.5	-11.70	-0.0062	2.5
			VH	20	1882.5	-7.79	-0.0041	2.5
			VN	-20	1905.0	-10.76	-0.0056	2.5
				-10	1905.0	-7.47	-0.0039	2.5
				0	1905.0	-11.20	-0.0059	2.5
				10	1905.0	-11.66	-0.0061	2.5
				20	1905.0	-10.13	-0.0053	2.5
				30	1905.0	-12.38	-0.0065	2.5
				40	1905.0	-10.86	-0.0057	2.5
				50	1905.0	-11.89	-0.0062	2.5
			VL	20	1905.0	-12.21	-0.0064	2.5
			VH	20	1905.0	-10.80	-0.0057	2.5
VERDICT					PASS			

Operation Mode	Modulation	Band Width	Test Condition		Channel Frequency (MHz)	Freq.Dev. (Hz)	Deviation (ppm)	Limit (ppm)
			Volt. (V)	Temp. (°C)				
LTE BAND26	QPSK/16-QAM	1.4MHz	VN	-20	824.7	11.60	0.0068	2.5
				-10	824.7	11.97	0.0070	2.5
				0	824.7	14.74	0.0086	2.5
				10	824.7	10.87	0.0064	2.5
				20	824.7	3.01	0.0018	2.5
				30	824.7	12.74	0.0075	2.5
				40	824.7	11.83	0.0069	2.5
				50	824.7	12.30	0.0072	2.5
				VL	20	824.7	12.65	0.0074
			VH	20	824.7	11.75	0.0069	2.5
			VN	-20	836.5	12.36	0.0072	2.5
				-10	836.5	13.39	0.0078	2.5
				0	836.5	12.48	0.0073	2.5
				10	836.5	11.29	0.0066	2.5
				20	836.5	12.12	0.0071	2.5
				30	836.5	10.60	0.0062	2.5
				40	836.5	8.27	0.0048	2.5
				50	836.5	6.87	0.0040	2.5
				VL	20	836.5	9.10	0.0053
			VH	20	836.5	13.28	0.0078	2.5
			VN	-20	848.3	7.96	0.0094	2.5
				-10	848.3	11.20	0.0132	2.5
				0	848.3	10.48	0.0124	2.5
				10	848.3	9.33	0.0110	2.5
				20	848.3	11.18	0.0132	2.5
				30	848.3	7.80	0.0092	2.5
				40	848.3	9.29	0.0109	2.5
				50	848.3	6.76	0.0080	2.5
				VL	20	848.3	7.25	0.0085
			VH	20	848.3	8.86	0.0104	2.5
VERDICT					PASS			

Operation Mode	Modulation	Band Width	Test Condition		Channel Frequency (MHz)	Freq.Dev. (Hz)	Deviation (ppm)	Limit (ppm)
			Volt. (V)	Temp. (°C)				
LTE BAND26	QPSK/16-QAM	3MHz	VN	-20	825.5	12.06	0.0071	2.5
				-10	825.5	13.47	0.0079	2.5
				0	825.5	14.91	0.0087	2.5
				10	825.5	12.76	0.0075	2.5
				20	825.5	2.84	0.0017	2.5
				30	825.5	14.40	0.0084	2.5
				40	825.5	13.13	0.0077	2.5
				50	825.5	11.89	0.0070	2.5
			VL	20	825.5	12.76	0.0075	2.5
			VH	20	825.5	13.79	0.0081	2.5
			VN	-20	836.5	12.85	0.0075	2.5
				-10	836.5	13.04	0.0076	2.5
				0	836.5	12.70	0.0074	2.5
				10	836.5	9.81	0.0057	2.5
				20	836.5	10.15	0.0059	2.5
				30	836.5	11.13	0.0065	2.5
				40	836.5	8.30	0.0049	2.5
				50	836.5	7.06	0.0041	2.5
			VL	20	836.5	8.63	0.0050	2.5
			VH	20	836.5	13.80	0.0081	2.5
			VN	-20	847.5	7.96	0.0094	2.5
				-10	847.5	11.96	0.0141	2.5
				0	847.5	9.34	0.0110	2.5
				10	847.5	8.26	0.0097	2.5
				20	847.5	10.41	0.0123	2.5
				30	847.5	6.56	0.0077	2.5
				40	847.5	8.91	0.0105	2.5
				50	847.5	6.63	0.0078	2.5
			VL	20	847.5	7.22	0.0085	2.5
			VH	20	847.5	9.13	0.0108	2.5
VERDICT					PASS			

Operation Mode	Modulation	Band Width	Test Condition		Channel Frequency (MHz)	Freq.Dev. (Hz)	Deviation (ppm)	Limit (ppm)
			Volt. (V)	Temp. (°C)				
LTE BAND26	QPSK/16-QAM	5MHz	VN	-20	826.5	9.41	0.0055	2.5
				-10	826.5	14.36	0.0084	2.5
				0	826.5	14.33	0.0084	2.5
				10	826.5	11.79	0.0069	2.5
				20	826.5	11.31	0.0066	2.5
				30	826.5	13.00	0.0076	2.5
				40	826.5	11.43	0.0067	2.5
				50	826.5	12.13	0.0071	2.5
			VL	20	826.5	12.16	0.0071	2.5
			VH	20	826.5	11.81	0.0069	2.5
			VN	-20	836.5	12.39	0.0072	2.5
				-10	836.5	12.58	0.0074	2.5
				0	836.5	11.25	0.0066	2.5
				10	836.5	10.68	0.0062	2.5
				20	836.5	12.42	0.0073	2.5
				30	836.5	10.97	0.0064	2.5
				40	836.5	7.37	0.0043	2.5
				50	836.5	6.39	0.0037	2.5
			VL	20	836.5	11.04	0.0065	2.5
			VH	20	836.5	12.88	0.0075	2.5
			VN	-20	846.5	7.73	0.0091	2.5
				-10	846.5	10.92	0.0129	2.5
				0	846.5	10.33	0.0122	2.5
				10	846.5	9.02	0.0107	2.5
				20	846.5	10.49	0.0124	2.5
				30	846.5	6.97	0.0082	2.5
				40	846.5	10.04	0.0119	2.5
				50	846.5	8.35	0.0099	2.5
			VL	20	846.5	7.69	0.0091	2.5
			VH	20	846.5	9.39	0.0111	2.5
VERDICT					PASS			

Operation Mode	Modulation	Band Width	Test Condition		Channel Frequency (MHz)	Freq.Dev. (Hz)	Deviation (ppm)	Limit (ppm)
			Volt. (V)	Temp. (°C)				
LTE BAND26	QPSK/16-QAM	10MHz	VN	-20	829	9.74	0.0057	2.5
				-10	829	12.68	0.0074	2.5
				0	829	13.24	0.0077	2.5
				10	829	11.20	0.0066	2.5
				20	829	13.69	0.0080	2.5
				30	829	12.53	0.0073	2.5
				40	829	12.52	0.0073	2.5
				50	829	11.89	0.0070	2.5
			VL	20	829	12.74	0.0074	2.5
			VH	20	829	12.60	0.0074	2.5
			VN	-20	836.5	12.25	0.0072	2.5
				-10	836.5	11.81	0.0069	2.5
				0	836.5	11.18	0.0065	2.5
				10	836.5	10.17	0.0059	2.5
				20	836.5	11.06	0.0065	2.5
				30	836.5	10.29	0.0060	2.5
				40	836.5	8.84	0.0052	2.5
				50	836.5	5.59	0.0033	2.5
			VL	20	836.5	11.21	0.0066	2.5
			VH	20	836.5	13.78	0.0081	2.5
			VN	-20	844	9.03	0.0107	2.5
				-10	844	11.62	0.0138	2.5
				0	844	9.07	0.0108	2.5
				10	844	7.50	0.0089	2.5
				20	844	9.23	0.0109	2.5
				30	844	7.08	0.0084	2.5
				40	844	9.21	0.0109	2.5
				50	844	7.99	0.0095	2.5
			VL	20	844	6.37	0.0075	2.5
			VH	20	844	9.55	0.0113	2.5
VERDICT					PASS			

Operation Mode	Modulation	Band Width	Test Condition		Channel Frequency (MHz)	Freq.Dev. (Hz)	Deviation (ppm)	Limit (ppm)
			Volt. (V)	Temp. (°C)				
LTE BAND26	QPSK/16-QAM	15MHz	VN	-20	831.5	11.33	0.0066	2.5
				-10	831.5	12.95	0.0076	2.5
				0	831.5	14.15	0.0083	2.5
				10	831.5	12.56	0.0073	2.5
				20	831.5	12.38	0.0072	2.5
				30	831.5	13.83	0.0081	2.5
				40	831.5	11.27	0.0066	2.5
				50	831.5	9.71	0.0057	2.5
			VL	20	831.5	10.77	0.0063	2.5
			VH	20	831.5	13.36	0.0078	2.5
			VN	-20	836.5	11.97	0.0070	2.5
				-10	836.5	13.64	0.0080	2.5
				0	836.5	12.98	0.0076	2.5
				10	836.5	12.29	0.0072	2.5
				20	836.5	11.88	0.0070	2.5
				30	836.5	11.25	0.0066	2.5
				40	836.5	8.05	0.0047	2.5
				50	836.5	5.81	0.0034	2.5
			VL	20	836.5	8.65	0.0051	2.5
			VH	20	836.5	14.23	0.0083	2.5
			VN	-20	841.5	7.93	0.0094	2.5
				-10	841.5	10.66	0.0127	2.5
				0	841.5	9.46	0.0112	2.5
				10	841.5	9.00	0.0107	2.5
				20	841.5	10.93	0.0130	2.5
				30	841.5	6.77	0.0081	2.5
				40	841.5	8.88	0.0105	2.5
				50	841.5	6.95	0.0083	2.5
			VL	20	841.5	7.48	0.0089	2.5
			VH	20	841.5	8.61	0.0102	2.5
VERDICT					PASS			

Operation Mode	Modulation	Band Width	Test Condition		Channel Frequency (MHz)	Freq.Dev. (Hz)	Deviation (ppm)	Limit (ppm)
			Volt. (V)	Temp. (°C)				
LTE BAND30	QPSK/16-QAM	5MHz	VN	-20	2307.5	16.20	0.0070	2.5
				-10	2307.5	18.45	0.0080	2.5
				0	2307.5	17.81	0.0077	2.5
				10	2307.5	17.59	0.0076	2.5
				20	2307.5	7.46	0.0032	2.5
				30	2307.5	17.34	0.0075	2.5
				40	2307.5	16.80	0.0073	2.5
				50	2307.5	14.69	0.0064	2.5
			VL	20	2307.5	17.34	0.0075	2.5
			VH	20	2307.5	17.70	0.0077	2.5
			VN	-20	2310	17.25	0.0075	2.5
				-10	2310	16.55	0.0072	2.5
				0	2310	16.03	0.0069	2.5
				10	2310	16.42	0.0071	2.5
				20	2310	15.05	0.0065	2.5
				30	2310	16.08	0.0070	2.5
				40	2310	13.42	0.0058	2.5
				50	2310	11.26	0.0049	2.5
			VL	20	2310	15.01	0.0065	2.5
			VH	20	2310	17.51	0.0076	2.5
			VN	-20	2312.5	13.96	0.0060	2.5
				-10	2312.5	16.84	0.0073	2.5
				0	2312.5	16.02	0.0069	2.5
				10	2312.5	13.64	0.0059	2.5
				20	2312.5	16.99	0.0073	2.5
				30	2312.5	13.32	0.0058	2.5
				40	2312.5	15.87	0.0069	2.5
				50	2312.5	13.15	0.0057	2.5
			VL	20	2312.5	12.94	0.0056	2.5
			VH	20	2312.5	15.54	0.0067	2.5
VERDICT					PASS			

Operation Mode	Modulation	Band Width	Test Condition		Channel Frequency (MHz)	Freq.Dev. (Hz)	Deviation (ppm)	Limit (ppm)
			Volt. (V)	Temp. (°C)				
LTE BAND30	QPSK/16-QAM	10MHz	VN	-20	2310	14.94	0.0065	2.5
				-10	2310	17.66	0.0076	2.5
				0	2310	17.21	0.0074	2.5
				10	2310	17.21	0.0075	2.5
				20	2310	7.26	0.0031	2.5
				30	2310	16.67	0.0072	2.5
				40	2310	17.13	0.0074	2.5
				50	2310	16.43	0.0071	2.5
			VL	20	2310	16.45	0.0071	2.5
			VH	20	2310	15.99	0.0069	2.5
VERDICT					PASS			

Operation Mode	Modulation	Band Width	Test Condition		Channel Frequency (MHz)	Freq.Dev. (Hz)	Deviation (ppm)	Limit (ppm)
			Volt. (V)	Temp. (°C)				
LTE BAND41	QPSK/16-QAM	5MHz	VN	-20	2498.5	-12.63	-0.0051	2.5
				-10	2498.5	-9.59	-0.0038	2.5
				0	2498.5	-10.24	-0.0041	2.5
				10	2498.5	-11.29	-0.0045	2.5
				20	2498.5	-22.23	-0.0089	2.5
				30	2498.5	-9.70	-0.0039	2.5
				40	2498.5	-11.86	-0.0047	2.5
				50	2498.5	-13.27	-0.0053	2.5
			VL	20	2498.5	-12.54	-0.0050	2.5
			VH	20	2498.5	-10.88	-0.0044	2.5
			VN	-20	2593	-11.04	-0.0043	2.5
				-10	2593	-10.41	-0.0040	2.5
				0	2593	-10.96	-0.0042	2.5
				10	2593	-12.76	-0.0049	2.5
				20	2593	-11.83	-0.0046	2.5
				30	2593	-12.79	-0.0049	2.5
				40	2593	-14.80	-0.0057	2.5
				50	2593	-17.48	-0.0067	2.5
			VL	20	2593	-13.13	-0.0051	2.5
			VH	20	2593	-10.62	-0.0041	2.5
			VN	-20	2687.5	-14.05	-0.0052	2.5
				-10	2687.5	-11.26	-0.0042	2.5
				0	2687.5	-12.72	-0.0047	2.5
				10	2687.5	-14.01	-0.0052	2.5
				20	2687.5	-12.67	-0.0047	2.5
				30	2687.5	-14.55	-0.0054	2.5
				40	2687.5	-13.57	-0.0051	2.5
				50	2687.5	-14.63	-0.0054	2.5
			VL	20	2687.5	-15.14	-0.0056	2.5
			VH	20	2687.5	-14.02	-0.0052	2.5
VERDICT					PASS			

Operation Mode	Modulation	Band Width	Test Condition		Channel Frequency (MHz)	Freq.Dev. (Hz)	Deviation (ppm)	Limit (ppm)
			Volt. (V)	Temp. (°C)				
LTE BAND41	QPSK/16-QAM	10MHz	VN	-20	2501	-12.85	-0.0051	2.5
				-10	2501	-9.46	-0.0038	2.5
				0	2501	-9.94	-0.0040	2.5
				10	2501	-10.98	-0.0044	2.5
				20	2501	-22.26	-0.0089	2.5
				30	2501	-10.50	-0.0042	2.5
				40	2501	-12.02	-0.0048	2.5
				50	2501	-11.64	-0.0047	2.5
			VL	20	2501	-12.48	-0.0050	2.5
			VH	20	2501	-12.14	-0.0049	2.5
			VN	-20	2593	-12.23	-0.0047	2.5
				-10	2593	-11.75	-0.0045	2.5
				0	2593	-11.01	-0.0042	2.5
				10	2593	-12.69	-0.0049	2.5
				20	2593	-13.38	-0.0052	2.5
				30	2593	-12.30	-0.0047	2.5
				40	2593	-14.70	-0.0057	2.5
				50	2593	-17.11	-0.0066	2.5
			VL	20	2593	-13.32	-0.0051	2.5
			VH	20	2593	-9.47	-0.0037	2.5
			VN	-20	2685	-13.75	-0.0051	2.5
				-10	2685	-10.74	-0.0040	2.5
				0	2685	-11.63	-0.0043	2.5
				10	2685	-14.37	-0.0054	2.5
				20	2685	-11.88	-0.0044	2.5
				30	2685	-13.95	-0.0052	2.5
				40	2685	-12.29	-0.0046	2.5
				50	2685	-15.35	-0.0057	2.5
			VL	20	2685	-14.34	-0.0053	2.5
			VH	20	2685	-13.81	-0.0051	2.5
VERDICT					PASS			

Operation Mode	Modulation	Band Width	Test Condition		Channel Frequency (MHz)	Freq.Dev. (Hz)	Deviation (ppm)	Limit (ppm)
			Volt. (V)	Temp. (°C)				
LTE BAND41	QPSK/16-QAM	15MHz	VN	-20	2503.5	-13.20	-0.0053	2.5
				-10	2503.5	-10.68	-0.0043	2.5
				0	2503.5	-9.43	-0.0038	2.5
				10	2503.5	-11.43	-0.0046	2.5
				20	2503.5	-20.54	-0.0082	2.5
				30	2503.5	-10.77	-0.0043	2.5
				40	2503.5	-10.51	-0.0042	2.5
				50	2503.5	-11.97	-0.0048	2.5
			VL	20	2503.5	-11.06	-0.0044	2.5
			VH	20	2503.5	-10.44	-0.0042	2.5
			VN	-20	2593	-12.20	-0.0047	2.5
				-10	2593	-11.12	-0.0043	2.5
				0	2593	-12.01	-0.0046	2.5
				10	2593	-13.32	-0.0051	2.5
				20	2593	-12.59	-0.0049	2.5
				30	2593	-12.32	-0.0048	2.5
				40	2593	-13.87	-0.0053	2.5
				50	2593	-17.54	-0.0068	2.5
			VL	20	2593	-12.78	-0.0049	2.5
			VH	20	2593	-10.06	-0.0039	2.5
			VN	-20	2682.5	-12.73	-0.0047	2.5
				-10	2682.5	-11.16	-0.0042	2.5
				0	2682.5	-12.67	-0.0047	2.5
				10	2682.5	-12.97	-0.0048	2.5
				20	2682.5	-12.20	-0.0045	2.5
				30	2682.5	-14.05	-0.0052	2.5
				40	2682.5	-11.81	-0.0044	2.5
				50	2682.5	-13.61	-0.0051	2.5
			VL	20	2682.5	-15.04	-0.0056	2.5
			VH	20	2682.5	-12.95	-0.0048	2.5
VERDICT					PASS			

Operation Mode	Modulation	Band Width	Test Condition		Channel Frequency (MHz)	Freq.Dev. (Hz)	Deviation (ppm)	Limit (ppm)
			Volt. (V)	Temp. (°C)				
LTE BAND41	QPSK/16-QAM	20MHz	VN	-20	2506	-12.35	-0.0049	2.5
				-10	2506	-11.12	-0.0044	2.5
				0	2506	-9.05	-0.0036	2.5
				10	2506	-11.48	-0.0046	2.5
				20	2506	-22.27	-0.0089	2.5
				30	2506	-11.03	-0.0044	2.5
				40	2506	-11.01	-0.0044	2.5
				50	2506	-13.05	-0.0052	2.5
			VL	20	2506	-11.89	-0.0047	2.5
			VH	20	2506	-11.90	-0.0048	2.5
			VN	-20	2593	-11.20	-0.0043	2.5
				-10	2593	-12.18	-0.0047	2.5
				0	2593	-12.84	-0.0050	2.5
				10	2593	-12.75	-0.0049	2.5
				20	2593	-13.47	-0.0052	2.5
				30	2593	-11.84	-0.0046	2.5
				40	2593	-15.13	-0.0058	2.5
				50	2593	-16.55	-0.0064	2.5
			VL	20	2593	-14.46	-0.0056	2.5
			VH	20	2593	-10.07	-0.0039	2.5
			VN	-20	2680	-13.06	-0.0049	2.5
				-10	2680	-9.59	-0.0036	2.5
				0	2680	-11.56	-0.0043	2.5
				10	2680	-13.46	-0.0050	2.5
				20	2680	-12.21	-0.0046	2.5
				30	2680	-15.23	-0.0057	2.5
				40	2680	-12.49	-0.0047	2.5
				50	2680	-14.21	-0.0053	2.5
			VL	20	2680	-15.59	-0.0058	2.5
			VH	20	2680	-13.53	-0.0050	2.5
VERDICT					PASS			

APPENDIX H: TEST DATA FOR PEAK TO AVERAGE RATIO

Operation Mode	Modulation	Band Width	Test Channel	Test RB	P. A .R (dB)	Limit (dB)	Verdict
LTE Babd4	QPSK	1.4MHz	Low	RB1#0	4.75	<=13	Pass
	QPSK	1.4MHz	Middle	RB1#0	4.70	<=13	Pass
	QPSK	1.4MHz	High	RB1#0	4.94	<=13	Pass
	16-QAM	1.4MHz	Low	RB1#0	5.69	<=13	Pass
	16-QAM	1.4MHz	Middle	RB1#0	5.42	<=13	Pass
	16-QAM	1.4MHz	High	RB1#0	6.19	<=13	Pass
LTE Babd4	QPSK	3MHz	Low	RB1#0	4.77	<=13	Pass
	QPSK	3MHz	Middle	RB1#0	4.64	<=13	Pass
	QPSK	3MHz	High	RB1#0	4.93	<=13	Pass
	16-QAM	3MHz	Low	RB1#0	5.69	<=13	Pass
	16-QAM	3MHz	Middle	RB1#0	5.43	<=13	Pass
	16-QAM	3MHz	High	RB1#0	6.20	<=13	Pass
LTE Babd4	QPSK	5MHz	Low	RB1#0	4.88	<=13	Pass
	QPSK	5MHz	Middle	RB1#0	4.75	<=13	Pass
	QPSK	5MHz	High	RB1#0	5.10	<=13	Pass
	16-QAM	5MHz	Low	RB1#0	5.68	<=13	Pass
	16-QAM	5MHz	Middle	RB1#0	5.45	<=13	Pass
	16-QAM	5MHz	High	RB1#0	6.24	<=13	Pass
LTE Babd4	QPSK	10MHz	Low	RB1#0	4.72	<=13	Pass
	QPSK	10MHz	Middle	RB1#0	4.73	<=13	Pass
	QPSK	10MHz	High	RB1#0	5.07	<=13	Pass
	16-QAM	10MHz	Low	RB1#0	5.74	<=13	Pass
	16-QAM	10MHz	Middle	RB1#0	5.43	<=13	Pass
	16-QAM	10MHz	High	RB1#0	6.13	<=13	Pass
TE Babd4	QPSK	15MHz	Low	RB1#0	4.96	<=13	Pass
	QPSK	15MHz	Middle	RB1#0	4.17	<=13	Pass
	QPSK	15MHz	High	RB1#0	4.38	<=13	Pass
	16-QAM	15MHz	Low	RB1#0	5.60	<=13	Pass
	16-QAM	15MHz	Middle	RB1#0	5.29	<=13	Pass
	16-QAM	15MHz	High	RB1#0	5.17	<=13	Pass
TE Babd4	QPSK	20MHz	Low	RB1#0	4.77	<=13	Pass
	QPSK	20MHz	Middle	RB1#0	4.53	<=13	Pass
	QPSK	20MHz	High	RB1#0	4.17	<=13	Pass
	16-QAM	20MHz	Low	RB1#0	6.30	<=13	Pass
	16-QAM	20MHz	Middle	RB1#0	5.55	<=13	Pass
	16-QAM	20MHz	High	RB1#0	5.18	<=13	Pass

Operation Mode	Modulation	Band Width	Test Channel	Test RB	P. A .R (dB)	Limit (dB)	Verdict
LTE Babd7	QPSK	5MHz	Low	RB1#0	4.70	<=13	Pass
	QPSK	5MHz	Middle	RB1#0	4.65	<=13	Pass
	QPSK	5MHz	High	RB1#0	4.97	<=13	Pass
	16-QAM	5MHz	Low	RB1#0	5.77	<=13	Pass
	16-QAM	5MHz	Middle	RB1#0	5.35	<=13	Pass
	16-QAM	5MHz	High	RB1#0	6.20	<=13	Pass
LTE Babd7	QPSK	10MHz	Low	RB1#0	4.82	<=13	Pass
	QPSK	10MHz	Middle	RB1#0	4.69	<=13	Pass
	QPSK	10MHz	High	RB1#0	5.02	<=13	Pass
	16-QAM	10MHz	Low	RB1#0	5.68	<=13	Pass
	16-QAM	10MHz	Middle	RB1#0	5.37	<=13	Pass
	16-QAM	10MHz	High	RB1#0	6.26	<=13	Pass
TE Babd7	QPSK	15MHz	Low	RB1#0	4.80	<=13	Pass
	QPSK	15MHz	Middle	RB1#0	4.76	<=13	Pass
	QPSK	15MHz	High	RB1#0	4.98	<=13	Pass
	16-QAM	15MHz	Low	RB1#0	5.63	<=13	Pass
	16-QAM	15MHz	Middle	RB1#0	5.39	<=13	Pass
	16-QAM	15MHz	High	RB1#0	6.19	<=13	Pass
TE Babd7	QPSK	20MHz	Low	RB1#0	4.71	<=13	Pass
	QPSK	20MHz	Middle	RB1#0	4.71	<=13	Pass
	QPSK	20MHz	High	RB1#0	5.06	<=13	Pass
	16-QAM	20MHz	Low	RB1#0	5.78	<=13	Pass
	16-QAM	20MHz	Middle	RB1#0	5.40	<=13	Pass
	16-QAM	20MHz	High	RB1#0	6.08	<=13	Pass

Operation Mode	Modulation	Band Width	Test Channel	Test RB	P.A.R (dB)	Limit (dB)	Verdict
LTE Babd25	QPSK	1.4MHz	Low	RB1#0	4.83	<=13	Pass
	QPSK	1.4MHz	Middle	RB1#0	4.61	<=13	Pass
	QPSK	1.4MHz	High	RB1#0	4.97	<=13	Pass
	16-QAM	1.4MHz	Low	RB1#0	5.65	<=13	Pass
	16-QAM	1.4MHz	Middle	RB1#0	5.37	<=13	Pass
	16-QAM	1.4MHz	High	RB1#0	6.21	<=13	Pass
LTE Babd25	QPSK	3MHz	Low	RB1#0	4.76	<=13	Pass
	QPSK	3MHz	Middle	RB1#0	4.75	<=13	Pass
	QPSK	3MHz	High	RB1#0	5.07	<=13	Pass
	16-QAM	3MHz	Low	RB1#0	5.71	<=13	Pass
	16-QAM	3MHz	Middle	RB1#0	5.33	<=13	Pass
	16-QAM	3MHz	High	RB1#0	6.18	<=13	Pass
LTE Babd25	QPSK	5MHz	Low	RB1#0	4.76	<=13	Pass
	QPSK	5MHz	Middle	RB1#0	4.76	<=13	Pass
	QPSK	5MHz	High	RB1#0	5.00	<=13	Pass
	16-QAM	5MHz	Low	RB1#0	5.75	<=13	Pass
	16-QAM	5MHz	Middle	RB1#0	5.35	<=13	Pass
	16-QAM	5MHz	High	RB1#0	6.08	<=13	Pass
LTE Babd25	QPSK	10MHz	Low	RB1#0	4.74	<=13	Pass
	QPSK	10MHz	Middle	RB1#0	4.73	<=13	Pass
	QPSK	10MHz	High	RB1#0	5.00	<=13	Pass
	16-QAM	10MHz	Low	RB1#0	5.71	<=13	Pass
	16-QAM	10MHz	Middle	RB1#0	5.42	<=13	Pass
	16-QAM	10MHz	High	RB1#0	6.20	<=13	Pass
TE Babd25	QPSK	15MHz	Low	RB1#0	4.99	<=13	Pass
	QPSK	15MHz	Middle	RB1#0	4.27	<=13	Pass
	QPSK	15MHz	High	RB1#0	4.24	<=13	Pass
	16-QAM	15MHz	Low	RB1#0	5.78	<=13	Pass
	16-QAM	15MHz	Middle	RB1#0	5.28	<=13	Pass
	16-QAM	15MHz	High	RB1#0	5.03	<=13	Pass
TE Babd25	QPSK	20MHz	Low	RB1#0	4.87	<=13	Pass
	QPSK	20MHz	Middle	RB1#0	4.52	<=13	Pass
	QPSK	20MHz	High	RB1#0	4.15	<=13	Pass
	16-QAM	20MHz	Low	RB1#0	6.13	<=13	Pass
	16-QAM	20MHz	Middle	RB1#0	5.51	<=13	Pass
	16-QAM	20MHz	High	RB1#0	5.08	<=13	Pass

Operation Mode	Modulation	Band Width	Test Channel	Test RB	P. A .R (dB)	Limit (dB)	Verdict
LTE Babd30	QPSK	5MHz	Low	RB1#0	4.70	<=13	Pass
	QPSK	5MHz	Middle	RB1#0	4.71	<=13	Pass
	QPSK	5MHz	High	RB1#0	4.95	<=13	Pass
	16-QAM	5MHz	Low	RB1#0	5.62	<=13	Pass
	16-QAM	5MHz	Middle	RB1#0	5.41	<=13	Pass
	16-QAM	5MHz	High	RB1#0	6.14	<=13	Pass
LTE Babd30	QPSK	10MHz	Low	RB1#0	/	<=13	Pass
	QPSK	10MHz	Middle	RB1#0	4.60	<=13	Pass
	QPSK	10MHz	High	RB1#0	/	<=13	Pass
	16-QAM	10MHz	Low	RB1#0	/	<=13	Pass
	16-QAM	10MHz	Middle	RB1#0	5.42	<=13	Pass
	16-QAM	10MHz	High	RB1#0	/	<=13	Pass

Operation Mode	Modulation	Band Width	Test Channel	Test RB	P. A .R (dB)	Limit (dB)	Verdict
LTE Babd41	QPSK	5MHz	Low	RB1#0	4.80	<=13	Pass
	QPSK	5MHz	Middle	RB1#0	4.79	<=13	Pass
	QPSK	5MHz	High	RB1#0	5.04	<=13	Pass
	16-QAM	5MHz	Low	RB1#0	5.65	<=13	Pass
	16-QAM	5MHz	Middle	RB1#0	5.44	<=13	Pass
	16-QAM	5MHz	High	RB1#0	6.10	<=13	Pass
LTE Babd41	QPSK	10MHz	Low	RB1#0	4.70	<=13	Pass
	QPSK	10MHz	Middle	RB1#0	4.72	<=13	Pass
	QPSK	10MHz	High	RB1#0	5.04	<=13	Pass
	16-QAM	10MHz	Low	RB1#0	5.66	<=13	Pass
	16-QAM	10MHz	Middle	RB1#0	5.42	<=13	Pass
	16-QAM	10MHz	High	RB1#0	6.15	<=13	Pass
TE Babd41	QPSK	15MHz	Low	RB1#0	4.72	<=13	Pass
	QPSK	15MHz	Middle	RB1#0	4.61	<=13	Pass
	QPSK	15MHz	High	RB1#0	4.99	<=13	Pass
	16-QAM	15MHz	Low	RB1#0	5.78	<=13	Pass
	16-QAM	15MHz	Middle	RB1#0	5.49	<=13	Pass
	16-QAM	15MHz	High	RB1#0	6.10	<=13	Pass
TE Babd41	QPSK	20MHz	Low	RB1#0	4.76	<=13	Pass
	QPSK	20MHz	Middle	RB1#0	4.69	<=13	Pass
	QPSK	20MHz	High	RB1#0	4.97	<=13	Pass
	16-QAM	20MHz	Low	RB1#0	5.67	<=13	Pass
	16-QAM	20MHz	Middle	RB1#0	5.38	<=13	Pass
	16-QAM	20MHz	High	RB1#0	6.27	<=13	Pass

Detail of factor for radiated emission

Frequency(MHz)	Ant_F(dB)	Cab_L(dB)	Preamp(dB)	Correct Factor(dB)
0.009	20.6	0.03	\	20.63
0.15	20.7	0.1	\	20.8
1	20.9	0.15	\	21.05
10	20.1	0.28	\	20.38
30	18.8	0.45	\	19.25
30	11.7	0.62	27.9	-15.58
100	12.5	1.02	27.8	-14.28
300	12.9	1.91	27.5	-12.69
600	19.2	2.92	27	-4.88
800	21.1	3.54	26.6	-1.96
1000	22.3	4.17	26.2	0.27
1000	25.6	1.76	41.4	-14.04
3000	28.9	3.27	43.2	-11.03
5000	31.1	4.2	44.6	-9.3
8000	36.2	5.95	44.7	-2.55
10000	38.4	6.3	43.9	0.8
12000	38.5	7.14	42.3	3.34
15000	40.2	8.15	41.4	6.95
18000	45.4	9.02	41.3	13.12
18000	37.9	1.81	47.9	-8.19
21000	37.9	1.95	48.7	-8.85
25000	39.3	2.01	42.8	-1.49
28000	39.6	2.16	46.0	-4.24
31000	41.2	2.24	44.5	-1.06
34000	41.5	2.29	46.6	-2.81
37000	43.8	2.30	46.4	-0.3
40000	43.2	2.50	42.2	3.5

END OF REPORT