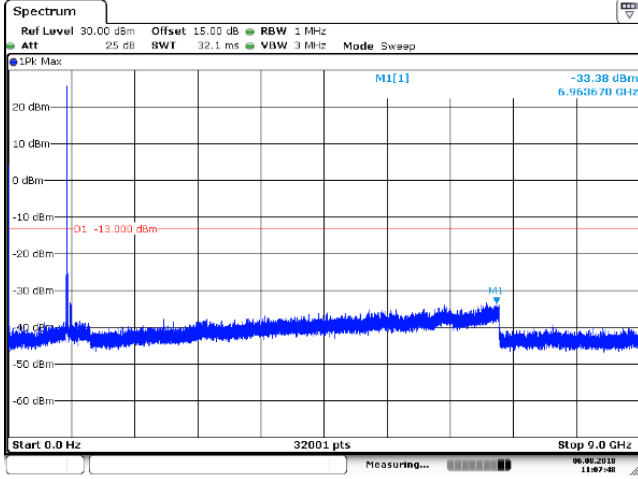


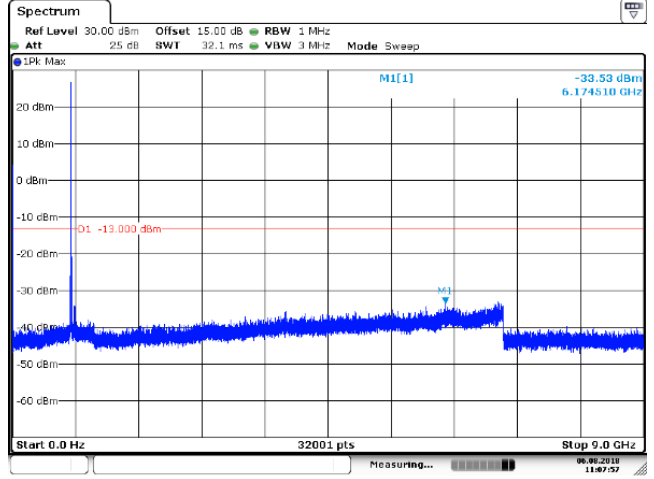
LTE Band26: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

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

QPSK



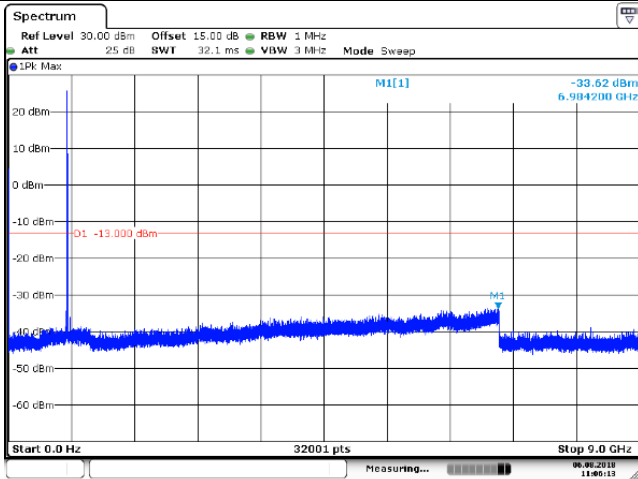
16QAM



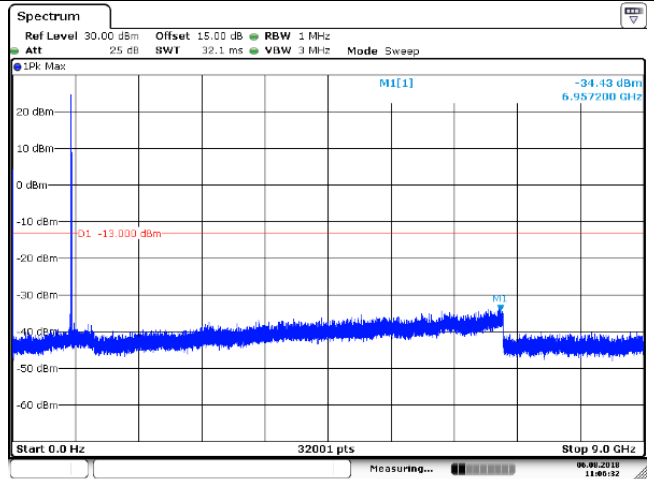
LTE Band30: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

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

QPSK



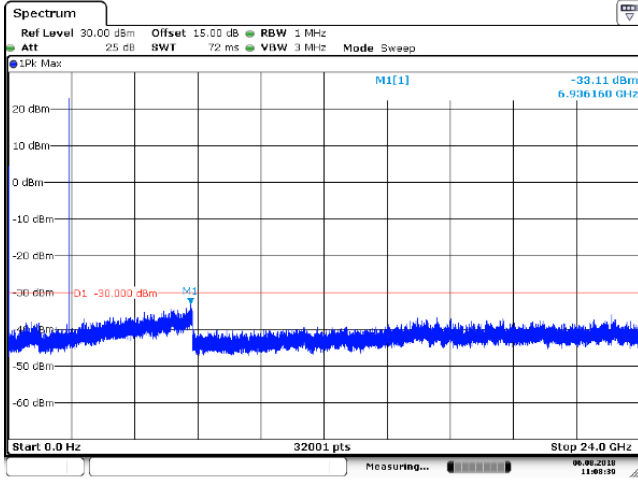
16QAM



LTE Band30: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

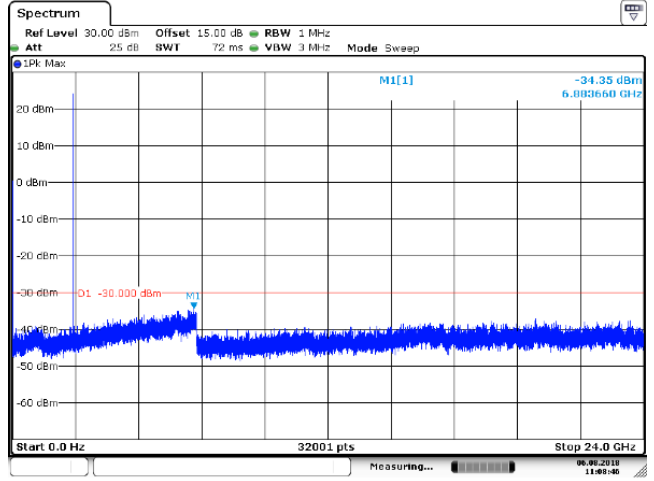
Test BW: 10MHz - Middle Channel - RB1#0

QPSK



Date: 8.AUG.2018 11:08:39

16QAM

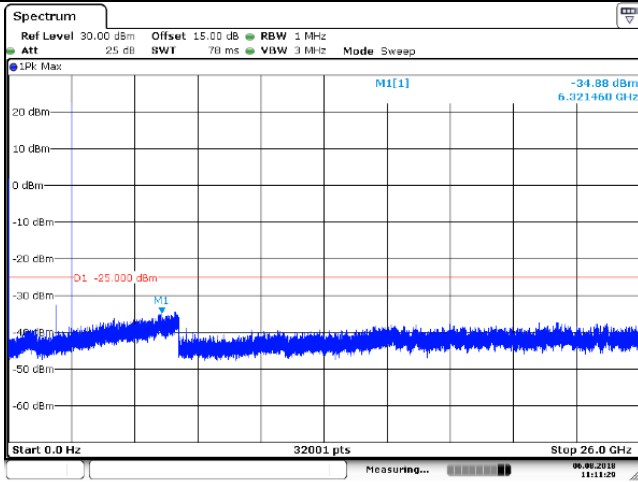


Date: 8.AUG.2018 11:08:45

LTE Band41: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

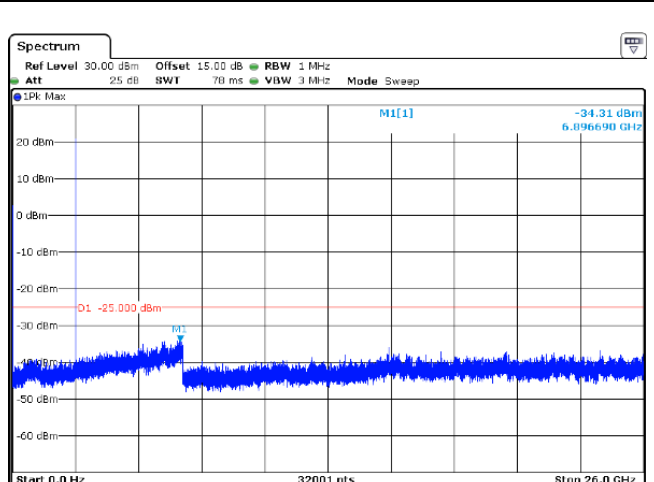
Test BW: 5MHz - Middle Channel - RB1#0

QPSK



Date: 8.AUG.2018 11:11:29

16QAM



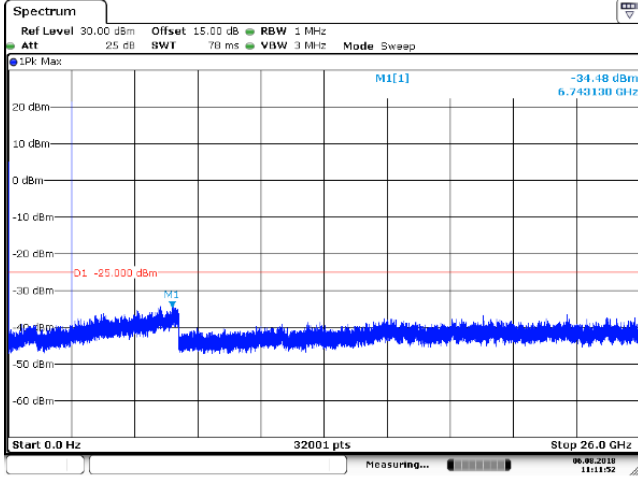
Date: 8.AUG.2018 11:11:44

LTE Band41: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

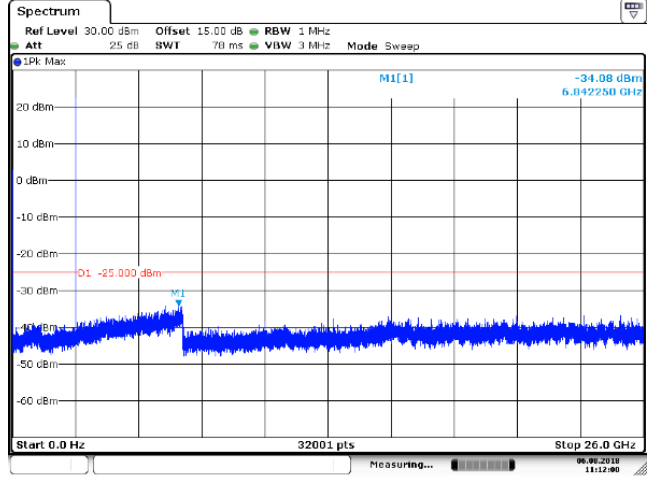
Test BW: 10MHz - Middle Channel - RB1#0

QPSK

16QAM



Date: 6.AUG.2018 11:11:52



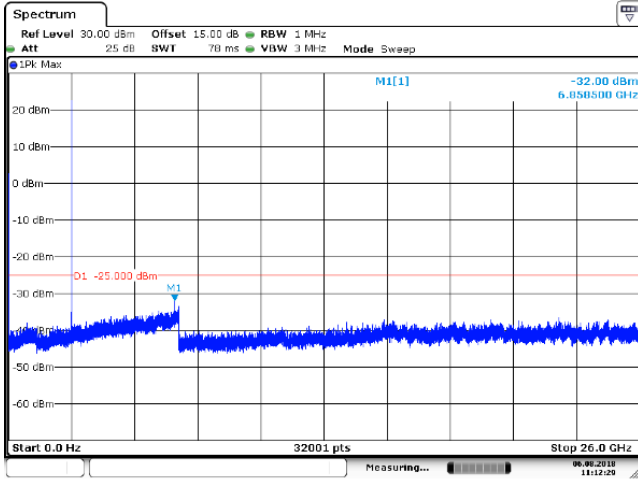
Date: 6.AUG.2018 11:11:59

LTE Band41: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

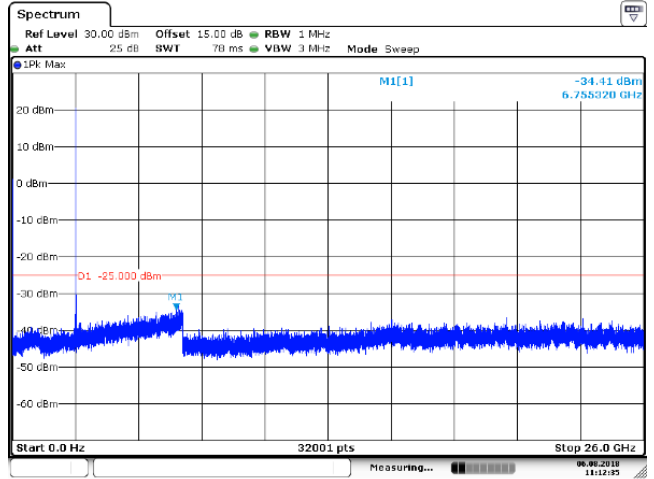
Test BW: 15MHz - Middle Channel - RB1#0

QPSK

16QAM



Date: 6.AUG.2018 11:12:28

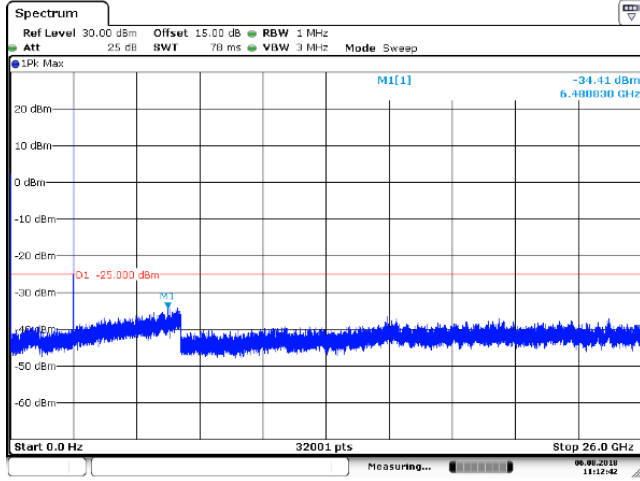


Date: 6.AUG.2018 11:12:35

LTE Band41: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

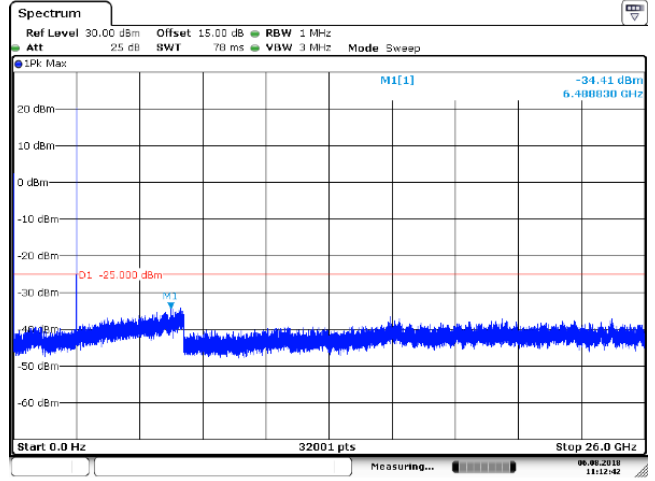
Test BW: 20MHz - Middle Channel - RB1#0

QPSK



Date: 6.AUG.2018 11:12:42

16QAM



Date: 6.AUG.2018 11:12:42

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 By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND4		

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 By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND4		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
5197.50	H	1.4 MHz	RB1#0	-38.34	-13	-25.34	Pass
14267.85	H	1.4 MHz	RB1#0	-35.36	-13	-22.36	Pass
--	--	--	--	--	--	--	--
5197.50	V	1.4 MHz	RB1#0	-39.09	-13	-26.09	Pass
15563.29	V	1.4 MHz	RB1#0	-35.74	-13	-22.74	Pass
--	--	--	--	--	--	--	--

Temperature:	24℃	Test By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND4		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
5197.50	H	3 MHz	RB1#0	-38.43	-13	-25.43	Pass
15444.39	H	3 MHz	RB1#0	-39.25	-13	-26.25	Pass
--	--	--	--	--	--	--	--
5197.50	V	3 MHz	RB1#0	-40.20	-13	-27.20	Pass
15828.92	V	3 MHz	RB1#0	-35.63	-13	-22.63	Pass
--	--	--	--	--	--	--	--

Temperature:	24℃	Test By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND4		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
5197.50	H	5 MHz	RB1#0	-38.81	-13	-25.81	Pass
14338.14	H	5 MHz	RB1#0	-34.27	-13	-21.27	Pass
--	--	--	--	--	--	--	--
5197.50	V	5 MHz	RB1#0	-39.96	-13	-26.96	Pass
14718.36	V	5 MHz	RB1#0	-35.54	-13	-22.54	Pass
--	--	--	--	--	--	--	--

Temperature:	24℃	Test By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND4		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
5197.50	H	10 MHz	RB1#0	-38.45	-13	-25.45	Pass
15618.46	H	10 MHz	RB1#0	-35.16	-13	-22.16	Pass
--	--	--	--	--	--	--	--
5197.50	V	10 MHz	RB1#0	-39.27	-13	-26.27	Pass
14525.26	V	10 MHz	RB1#0	-34.26	-13	-21.26	Pass
--	--	--	--	--	--	--	--

Temperature:	24℃	Test By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND4		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
5197.50	H	15 MHz	RB1#0	-39.86	-13	-26.86	Pass
14166.39	H	15 MHz	RB1#0	-34.92	-13	-21.92	Pass
--	--	--	--	--	--	--	--
5197.50	V	15 MHz	RB1#0	-40.14	-13	-27.14	Pass
14550.39	V	15 MHz	RB1#0	-34.54	-13	-21.54	Pass
--	--	--	--	--	--	--	--

Temperature:	24℃	Test By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND4		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
5197.50	H	20 MHz	RB1#0	-39.32	-13	-26.32	Pass
15159.03	H	20 MHz	RB1#0	-35.14	-13	-22.14	Pass
--	--	--	--	--	--	--	--
5197.50	V	20 MHz	RB1#0	-40.88	-13	-27.88	Pass
14905.90	V	20 MHz	RB1#0	-34.48	-13	-21.48	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 BAND7 link

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

Temperature:	24℃	Test By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND7		

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 By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND7		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
7605.00	H	5 MHz	RB1#0	-46.72	-25	-21.72	Pass
15395.08	H	5 MHz	RB1#0	-34.40	-25	-9.40	Pass
--	--	--	--	--	--	--	--
7605.00	V	5 MHz	RB1#0	-47.85	-25	-22.85	Pass
15381.69	V	5 MHz	RB1#0	-35.58	-25	-10.58	Pass
--	--	--	--	--	--	--	--

Temperature:	24℃	Test By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND7		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
7605.00	H	10 MHz	RB1#0	-46.03	-25	-21.03	Pass
14077.84	H	10 MHz	RB1#0	-35.23	-25	-10.23	Pass
--	--	--	--	--	--	--	--
7605.00	V	10 MHz	RB1#0	-47.19	-25	-22.19	Pass
15411.45	V	10 MHz	RB1#0	-34.84	-25	-9.84	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℃	Test By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND7		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
7605.00	H	15 MHz	RB1#0	-47.87	-25	-22.87	Pass
15185.81	H	15 MHz	RB1#0	-34.74	-25	-9.74	Pass
--	--	--	--	--	--	--	--
7605.00	V	15 MHz	RB1#0	-48.79	-25	-23.79	Pass
14038.41	V	15 MHz	RB1#0	-35.66	-25	-10.66	Pass
--	--	--	--	--	--	--	--

Temperature:	24℃	Test By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND7		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
7605.00	H	20 MHz	RB1#0	-47.89	-25	-22.89	Pass
15741.97	H	20 MHz	RB1#0	-34.89	-25	-9.89	Pass
--	--	--	--	--	--	--	--
7605.00	V	20 MHz	RB1#0	-48.79	-25	-23.79	Pass
15125.56	V	20 MHz	RB1#0	-35.03	-25	-10.03	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 BAND12 link

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

Temperature:	24℃	Test By:	KK
Humidity:	53 %		
Test Band:	LTE BAND12		

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 By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND12		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
2830.00	H	1.4 MHz	RB1#0	-46.89	-13	-33.89	Pass
14675.80	H	1.4 MHz	RB1#0	-35.35	-13	-22.35	Pass
--	--	--	--	--	--	--	--
2830.00	V	1.4 MHz	RB1#0	-47.99	-13	-34.99	Pass
15214.54	V	1.4 MHz	RB1#0	-34.16	-13	-21.16	Pass
--	--	--	--	--	--	--	--

Temperature:	24℃	Test By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND12		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
2830.00	H	3 MHz	RB1#0	-46.21	-13	-33.21	Pass
14480.09	H	3 MHz	RB1#0	-47.72	-13	-34.72	Pass
--	--	--	--	--	--	--	--
2830.00	V	3 MHz	RB1#0	-48.29	-13	-35.29	Pass
15564.84	V	3 MHz	RB1#0	-34.91	-13	-21.91	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℃	Test By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND12		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
2830.00	H	5 MHz	RB1#0	-46.68	-13	-33.68	Pass
14543.09	H	5 MHz	RB1#0	-35.64	-13	-22.64	Pass
--	--	--	--	--	--	--	--
2830.00	V	5 MHz	RB1#0	-47.09	-13	-34.09	Pass
14965.63	V	5 MHz	RB1#0	-35.16	-13	-22.16	Pass
--	--	--	--	--	--	--	--

Temperature:	24℃	Test By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND12		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
2830.00	H	10 MHz	RB1#0	-46.09	-13	-33.09	Pass
14432.91	H	10 MHz	RB1#0	-34.65	-13	-21.65	Pass
--	--	--	--	--	--	--	--
2830.00	V	10 MHz	RB1#0	-47.92	-13	-34.92	Pass
14552.20	V	10 MHz	RB1#0	-35.56	-13	-22.56	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 BAND13 link

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

Temperature:	24℃	Test By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND13		

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 By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND13		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
2346.00	H	5 MHz	RB1#0	-40.41	-13	-27.41	Pass
14358.30	H	5 MHz	RB1#0	-34.00	-13	-21.00	Pass
--	--	--	--	--	--	--	--
2346.00	V	5 MHz	RB1#0	-41.24	-13	-28.24	Pass
14315.08	V	5 MHz	RB1#0	-34.33	-13	-21.33	Pass
--	--	--	--	--	--	--	--

Temperature:	24℃	Test By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND13		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
2346.00	H	10 MHz	RB1#0	-40.40	-13	-27.40	Pass
15800.37	H	10 MHz	RB1#0	-35.22	-13	-22.22	Pass
--	--	--	--	--	--	--	--
2346.00	V	10 MHz	RB1#0	-41.46	-13	-28.46	Pass
15298.62	V	10 MHz	RB1#0	-35.51	-13	-22.51	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 BAND25 link

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

Temperature:	24℃	Test By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND25		

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 By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND25		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
5647.50	H	1.4 MHz	RB1#0	-40.68	-13	-27.68	Pass
15114.29	H	1.4 MHz	RB1#0	-35.69	-13	-22.69	Pass
--	--	--	--	--	--	--	--
5647.50	V	1.4 MHz	RB1#0	-41.60	-13	-28.60	Pass
15976.72	V	1.4 MHz	RB1#0	-35.21	-13	-22.21	Pass
--	--	--	--	--	--	--	--

Temperature:	24℃	Test By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND25		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
5647.50	H	3 MHz	RB1#0	-40.35	-13	-27.35	Pass
15172.07	H	3 MHz	RB1#0	-41.83	-13	-28.83	Pass
--	--	--	--	--	--	--	--
5647.50	V	3 MHz	RB1#0	-42.00	-13	-29.00	Pass
14079.70	V	3 MHz	RB1#0	-34.53	-13	-21.53	Pass
--	--	--	--	--	--	--	--

Temperature:	24℃	Test By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND25		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
5647.50	H	5 MHz	RB1#0	-40.99	-13	-27.99	Pass
15683.38	H	5 MHz	RB1#0	-35.68	-13	-22.68	Pass
--	--	--	--	--	--	--	--
5647.50	V	5 MHz	RB1#0	-41.67	-13	-28.67	Pass
14040.90	V	5 MHz	RB1#0	-34.16	-13	-21.16	Pass
--	--	--	--	--	--	--	--

Temperature:	24℃	Test By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND25		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
5647.50	H	10 MHz	RB1#0	-40.60	-13	-27.60	Pass
15188.02	H	10 MHz	RB1#0	-34.20	-13	-21.20	Pass
--	--	--	--	--	--	--	--
5647.50	V	10 MHz	RB1#0	-41.45	-13	-28.45	Pass
14913.32	V	10 MHz	RB1#0	-34.35	-13	-21.35	Pass
--	--	--	--	--	--	--	--

Temperature:	24℃	Test By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND25		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
5647.50	H	15 MHz	RB1#0	-41.95	-13	-28.95	Pass
14170.62	H	15 MHz	RB1#0	-35.43	-13	-22.43	Pass
--	--	--	--	--	--	--	--
5647.50	V	15 MHz	RB1#0	-42.07	-13	-29.07	Pass
15309.92	V	15 MHz	RB1#0	-35.41	-13	-22.41	Pass
--	--	--	--	--	--	--	--

Temperature:	24℃	Test By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND25		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
5647.50	H	20 MHz	RB1#0	-41.25	-13	-28.25	Pass
15430.38	H	20 MHz	RB1#0	-35.83	-13	-22.83	Pass
--	--	--	--	--	--	--	--
5647.50	V	20 MHz	RB1#0	-42.68	-13	-29.68	Pass
15398.24	V	20 MHz	RB1#0	-35.57	-13	-22.57	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 BAND26 link

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

Temperature:	24℃	Test By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND26		

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 By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND26		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
2494.50	H	1.4 MHz	RB1#0	-41.69	-13	-28.69	Pass
15908.57	H	1.4 MHz	RB1#0	-35.76	-13	-22.76	Pass
--	--	--	--	--	--	--	--
2494.50	V	1.4 MHz	RB1#0	-42.57	-13	-29.57	Pass
14268.98	V	1.4 MHz	RB1#0	-35.43	-13	-22.43	Pass
--	--	--	--	--	--	--	--

Temperature:	24℃	Test By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND26		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
2494.50	H	3 MHz	RB1#0	-41.19	-13	-28.19	Pass
14528.45	H	3 MHz	RB1#0	-42.47	-13	-29.47	Pass
--	--	--	--	--	--	--	--
2494.50	V	3 MHz	RB1#0	-43.74	-13	-30.74	Pass
15998.22	V	3 MHz	RB1#0	-35.95	-13	-22.95	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 By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND26		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
2494.50	H	5 MHz	RB1#0	-41.33	-13	-28.33	Pass
15593.14	H	5 MHz	RB1#0	-35.71	-13	-22.71	Pass
--	--	--	--	--	--	--	--
2494.50	V	5 MHz	RB1#0	-42.85	-13	-29.85	Pass
14814.79	V	5 MHz	RB1#0	-34.02	-13	-21.02	Pass
--	--	--	--	--	--	--	--

Temperature:	24°C	Test By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND26		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
2494.50	H	10 MHz	RB1#0	-41.09	-13	-28.09	Pass
14786.36	H	10 MHz	RB1#0	-34.13	-13	-21.13	Pass
--	--	--	--	--	--	--	--
2494.50	V	10 MHz	RB1#0	-42.20	-13	-29.20	Pass
14405.40	V	10 MHz	RB1#0	-34.04	-13	-21.04	Pass
--	--	--	--	--	--	--	--

Temperature:	24°C	Test By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND26		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
2494.50	H	15 MHz	RB1#0	-42.94	-13	-29.94	Pass
14812.97	H	15 MHz	RB1#0	-34.69	-13	-21.69	Pass
--	--	--	--	--	--	--	--
2494.50	V	15 MHz	RB1#0	-43.01	-13	-30.01	Pass
14542.63	V	15 MHz	RB1#0	-34.69	-13	-21.69	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℃	Test By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND30		

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 By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND30		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
4620.00	H	5 MHz	RB1#0	-40.18	-30	-10.18	Pass
14890.56	H	5 MHz	RB1#0	-34.28	-30	-4.28	Pass
--	--	--	--	--	--	--	--
4620.00	V	5 MHz	RB1#0	-41.54	-30	-11.54	Pass
14178.22	V	5 MHz	RB1#0	-34.00	-30	-4.00	Pass
--	--	--	--	--	--	--	--

Temperature:	24℃	Test By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND30		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
4620.00	H	10 MHz	RB1#0	-40.37	-30	-10.37	Pass
14879.41	H	10 MHz	RB1#0	-34.87	-30	-4.87	Pass
--	--	--	--	--	--	--	--
4620.00	V	10 MHz	RB1#0	-41.42	-30	-11.42	Pass
15160.13	V	10 MHz	RB1#0	-35.22	-30	-5.22	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 By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND41		

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 By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND41		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
7779.00	H	5 MHz	RB1#0	-41.01	-25	-16.01	Pass
15758.31	H	5 MHz	RB1#0	-34.48	-25	-9.48	Pass
--	--	--	--	--	--	--	--
7779.00	V	5 MHz	RB1#0	-42.17	-25	-17.17	Pass
15217.04	V	5 MHz	RB1#0	-35.34	-25	-10.34	Pass
--	--	--	--	--	--	--	--

Temperature:	24℃	Test By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND41		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
7779.00	H	10 MHz	RB1#0	-41.63	-25	-16.63	Pass
15522.82	H	10 MHz	RB1#0	-35.14	-25	-10.14	Pass
--	--	--	--	--	--	--	--
7779.00	V	10 MHz	RB1#0	-42.55	-25	-17.55	Pass
15121.73	V	10 MHz	RB1#0	-35.38	-25	-10.38	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℃	Test By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND41		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
7779.00	H	15 MHz	RB1#0	-42.25	-25	-17.25	Pass
15741.84	H	15 MHz	RB1#0	-34.48	-25	-9.48	Pass
--	--	--	--	--	--	--	--
7779.00	V	15 MHz	RB1#0	-43.08	-25	-18.08	Pass
14636.88	V	15 MHz	RB1#0	-34.12	-25	-9.12	Pass
--	--	--	--	--	--	--	--

Temperature:	24℃	Test By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND41		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
7779.00	H	20 MHz	RB1#0	-42.81	-25	-17.81	Pass
15581.74	H	20 MHz	RB1#0	-35.55	-25	-10.55	Pass
--	--	--	--	--	--	--	--
7779.00	V	20 MHz	RB1#0	-43.41	-25	-18.41	Pass
15229.13	V	20 MHz	RB1#0	-35.04	-25	-10.04	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	13.48	0.0079	2.5
				-10	1710.7	17.67	0.0103	2.5
				0	1710.7	16.03	0.0094	2.5
				10	1710.7	17.38	0.0102	2.5
				20	1710.7	16.25	0.0095	2.5
				30	1710.7	17.70	0.0103	2.5
				40	1710.7	14.92	0.0087	2.5
				50	1710.7	15.83	0.0093	2.5
			VL	20	1710.7	16.56	0.0097	2.5
			VH	20	1710.7	15.81	0.0092	2.5
			VN	-20	1732.5	17.34	0.0100	2.5
				-10	1732.5	15.05	0.0087	2.5
				0	1732.5	15.05	0.0087	2.5
				10	1732.5	13.89	0.0080	2.5
				20	1732.5	15.74	0.0091	2.5
				30	1732.5	15.43	0.0089	2.5
				40	1732.5	14.70	0.0085	2.5
				50	1732.5	15.02	0.0087	2.5
			VL	20	1732.5	16.68	0.0096	2.5
			VH	20	1732.5	16.94	0.0098	2.5
			VN	-20	1754.3	15.34	0.0087	2.5
				-10	1754.3	14.66	0.0084	2.5
				0	1754.3	16.20	0.0092	2.5
				10	1754.3	16.41	0.0094	2.5
				20	1754.3	15.32	0.0087	2.5
				30	1754.3	15.09	0.0086	2.5
				40	1754.3	14.58	0.0083	2.5
				50	1754.3	15.18	0.0087	2.5
			VL	20	1754.3	15.94	0.0091	2.5
			VH	20	1754.3	14.11	0.0080	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	14.73	0.0086	2.5
				-10	1711.5	17.68	0.0103	2.5
				0	1711.5	14.25	0.0083	2.5
				10	1711.5	16.11	0.0094	2.5
				20	1711.5	17.53	0.0102	2.5
				30	1711.5	16.15	0.0094	2.5
				40	1711.5	17.44	0.0102	2.5
				50	1711.5	16.38	0.0096	2.5
			VL	20	1711.5	15.76	0.0092	2.5
			VH	20	1711.5	15.18	0.0089	2.5
			VN	-20	1732.5	15.52	0.0090	2.5
				-10	1732.5	16.66	0.0096	2.5
				0	1732.5	16.69	0.0096	2.5
				10	1732.5	15.13	0.0087	2.5
				20	1732.5	15.70	0.0091	2.5
				30	1732.5	15.72	0.0091	2.5
				40	1732.5	15.02	0.0087	2.5
				50	1732.5	15.95	0.0092	2.5
			VL	20	1732.5	16.84	0.0097	2.5
			VH	20	1732.5	15.55	0.0090	2.5
			VN	-20	1753.5	15.18	0.0087	2.5
				-10	1753.5	17.19	0.0098	2.5
				0	1753.5	15.91	0.0091	2.5
				10	1753.5	16.28	0.0093	2.5
				20	1753.5	15.48	0.0088	2.5
				30	1753.5	17.14	0.0098	2.5
				40	1753.5	16.23	0.0093	2.5
				50	1753.5	16.44	0.0094	2.5
			VL	20	1753.5	14.48	0.0083	2.5
			VH	20	1753.5	15.31	0.0087	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	16.22	0.0095	2.5
				-10	1712.5	16.75	0.0098	2.5
				0	1712.5	15.56	0.0091	2.5
				10	1712.5	17.28	0.0101	2.5
				20	1712.5	17.65	0.0103	2.5
				30	1712.5	17.48	0.0102	2.5
				40	1712.5	14.80	0.0086	2.5
				50	1712.5	16.05	0.0094	2.5
			VL	20	1712.5	14.68	0.0086	2.5
			VH	20	1712.5	14.87	0.0087	2.5
			VN	-20	1732.5	15.06	0.0087	2.5
				-10	1732.5	16.41	0.0095	2.5
				0	1732.5	15.66	0.0090	2.5
				10	1732.5	13.78	0.0080	2.5
				20	1732.5	16.29	0.0094	2.5
				30	1732.5	15.93	0.0092	2.5
				40	1732.5	16.36	0.0094	2.5
				50	1732.5	14.25	0.0082	2.5
			VL	20	1732.5	15.68	0.0091	2.5
			VH	20	1732.5	16.53	0.0095	2.5
			VN	-20	1752.5	13.05	0.0074	2.5
				-10	1752.5	16.49	0.0094	2.5
				0	1752.5	15.02	0.0086	2.5
				10	1752.5	16.42	0.0094	2.5
				20	1752.5	15.37	0.0088	2.5
				30	1752.5	17.46	0.0100	2.5
				40	1752.5	16.28	0.0093	2.5
				50	1752.5	15.70	0.0090	2.5
			VL	20	1752.5	14.38	0.0082	2.5
			VH	20	1752.5	14.78	0.0084	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	14.99	0.0087	2.5
				-10	1715.0	18.41	0.0107	2.5
				0	1715.0	15.45	0.0090	2.5
				10	1715.0	17.09	0.0100	2.5
				20	1715.0	16.04	0.0094	2.5
				30	1715.0	16.31	0.0095	2.5
				40	1715.0	16.49	0.0096	2.5
				50	1715.0	14.86	0.0087	2.5
			VL	20	1715.0	16.83	0.0098	2.5
			VH	20	1715.0	16.74	0.0098	2.5
			VN	-20	1732.5	16.41	0.0095	2.5
				-10	1732.5	16.11	0.0093	2.5
				0	1732.5	16.43	0.0095	2.5
				10	1732.5	16.19	0.0093	2.5
				20	1732.5	15.18	0.0088	2.5
				30	1732.5	15.03	0.0087	2.5
				40	1732.5	16.22	0.0094	2.5
				50	1732.5	14.16	0.0082	2.5
			VL	20	1732.5	15.59	0.0090	2.5
			VH	20	1732.5	17.82	0.0103	2.5
			VN	-20	1750.0	14.57	0.0083	2.5
				-10	1750.0	17.45	0.0100	2.5
				0	1750.0	16.01	0.0092	2.5
				10	1750.0	15.09	0.0086	2.5
				20	1750.0	16.14	0.0092	2.5
				30	1750.0	14.66	0.0084	2.5
				40	1750.0	15.39	0.0088	2.5
				50	1750.0	16.72	0.0096	2.5
			VL	20	1750.0	14.45	0.0083	2.5
			VH	20	1750.0	13.60	0.0078	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	14.97	0.0087	2.5
				-10	1717.5	18.05	0.0105	2.5
				0	1717.5	15.60	0.0091	2.5
				10	1717.5	16.04	0.0093	2.5
				20	1717.5	17.68	0.0103	2.5
				30	1717.5	17.55	0.0102	2.5
				40	1717.5	14.88	0.0087	2.5
				50	1717.5	16.10	0.0094	2.5
			VL	20	1717.5	14.49	0.0084	2.5
			VH	20	1717.5	17.53	0.0102	2.5
			VN	-20	1732.5	15.88	0.0092	2.5
				-10	1732.5	14.75	0.0085	2.5
				0	1732.5	16.94	0.0098	2.5
				10	1732.5	15.58	0.0090	2.5
				20	1732.5	14.68	0.0085	2.5
				30	1732.5	15.22	0.0088	2.5
				40	1732.5	16.52	0.0095	2.5
				50	1732.5	15.05	0.0087	2.5
			VL	20	1732.5	17.18	0.0099	2.5
			VH	20	1732.5	15.13	0.0087	2.5
			VN	-20	1747.5	15.22	0.0087	2.5
				-10	1747.5	14.61	0.0084	2.5
				0	1747.5	16.34	0.0094	2.5
				10	1747.5	17.14	0.0098	2.5
				20	1747.5	17.05	0.0098	2.5
				30	1747.5	15.79	0.0090	2.5
				40	1747.5	16.58	0.0095	2.5
				50	1747.5	14.60	0.0084	2.5
			VL	20	1747.5	16.86	0.0097	2.5
			VH	20	1747.5	13.15	0.0075	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	15.17	0.0088	2.5
				-10	1720.0	18.44	0.0107	2.5
				0	1720.0	15.89	0.0092	2.5
				10	1720.0	17.24	0.0100	2.5
				20	1720.0	17.24	0.0100	2.5
				30	1720.0	15.88	0.0092	2.5
				40	1720.0	16.47	0.0096	2.5
				50	1720.0	13.96	0.0081	2.5
				VL	20	1720.0	16.25	0.0094
			VH	20	1720.0	15.78	0.0092	2.5
			VN	-20	1732.5	15.52	0.0090	2.5
				-10	1732.5	14.72	0.0085	2.5
				0	1732.5	15.95	0.0092	2.5
				10	1732.5	16.01	0.0092	2.5
				20	1732.5	14.37	0.0083	2.5
				30	1732.5	14.80	0.0085	2.5
				40	1732.5	15.35	0.0089	2.5
				50	1732.5	16.30	0.0094	2.5
				VL	20	1732.5	17.04	0.0098
			VH	20	1732.5	15.34	0.0089	2.5
			VN	-20	1745.0	12.63	0.0072	2.5
				-10	1745.0	14.99	0.0086	2.5
				0	1745.0	13.92	0.0080	2.5
				10	1745.0	14.50	0.0083	2.5
				20	1745.0	16.32	0.0094	2.5
				30	1745.0	14.63	0.0084	2.5
				40	1745.0	16.61	0.0095	2.5
				50	1745.0	16.16	0.0093	2.5
				VL	20	1745.0	16.67	0.0096
			VH	20	1745.0	14.94	0.0086	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	15.94	0.0064	2.5
				-10	2502.5	18.08	0.0072	2.5
				0	2502.5	15.72	0.0063	2.5
				10	2502.5	15.30	0.0061	2.5
				20	2502.5	16.07	0.0064	2.5
				30	2502.5	17.66	0.0071	2.5
				40	2502.5	17.13	0.0068	2.5
				50	2502.5	14.88	0.0059	2.5
			VL	20	2502.5	16.40	0.0066	2.5
			VH	20	2502.5	16.35	0.0065	2.5
			VN	-20	2535	14.53	0.0057	2.5
				-10	2535	15.87	0.0063	2.5
				0	2535	16.49	0.0065	2.5
				10	2535	14.66	0.0058	2.5
				20	2535	14.98	0.0059	2.5
				30	2535	15.95	0.0063	2.5
				40	2535	14.31	0.0056	2.5
				50	2535	16.87	0.0067	2.5
			VL	20	2535	17.41	0.0069	2.5
			VH	20	2535	17.12	0.0068	2.5
			VN	-20	2567.5	14.17	0.0055	2.5
				-10	2567.5	15.99	0.0062	2.5
				0	2567.5	15.14	0.0059	2.5
				10	2567.5	15.17	0.0059	2.5
				20	2567.5	14.80	0.0058	2.5
				30	2567.5	16.28	0.0063	2.5
				40	2567.5	15.27	0.0059	2.5
				50	2567.5	15.52	0.0060	2.5
			VL	20	2567.5	16.53	0.0064	2.5
			VH	20	2567.5	15.34	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 BAND7	QPSK/16-QAM	10MHz	VN	-20	2505	14.51	0.0058	2.5
				-10	2505	17.72	0.0071	2.5
				0	2505	16.81	0.0067	2.5
				10	2505	17.42	0.0070	2.5
				20	2505	16.97	0.0068	2.5
				30	2505	15.70	0.0063	2.5
				40	2505	15.16	0.0061	2.5
				50	2505	15.80	0.0063	2.5
				VL	20	2505	16.43	0.0066
			VH	20	2505	15.04	0.0060	2.5
			VN	-20	2535	17.37	0.0069	2.5
				-10	2535	15.22	0.0060	2.5
				0	2535	14.68	0.0058	2.5
				10	2535	14.54	0.0057	2.5
				20	2535	15.33	0.0060	2.5
				30	2535	16.26	0.0064	2.5
				40	2535	16.68	0.0066	2.5
				50	2535	16.48	0.0065	2.5
				VL	20	2535	16.34	0.0064
			VH	20	2535	16.52	0.0065	2.5
			VN	-20	2565	15.17	0.0059	2.5
				-10	2565	15.46	0.0060	2.5
				0	2565	13.76	0.0054	2.5
				10	2565	14.60	0.0057	2.5
				20	2565	14.61	0.0057	2.5
				30	2565	14.83	0.0058	2.5
				40	2565	15.90	0.0062	2.5
				50	2565	15.76	0.0061	2.5
				VL	20	2565	15.93	0.0062
			VH	20	2565	15.51	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 BAND7	QPSK/16-QAM	15MHz	VN	-20	2507.5	15.40	0.0061	2.5
				-10	2507.5	17.15	0.0068	2.5
				0	2507.5	17.02	0.0068	2.5
				10	2507.5	15.32	0.0061	2.5
				20	2507.5	15.69	0.0063	2.5
				30	2507.5	17.74	0.0071	2.5
				40	2507.5	16.86	0.0067	2.5
				50	2507.5	15.94	0.0064	2.5
			VL	20	2507.5	14.98	0.0060	2.5
			VH	20	2507.5	16.19	0.0065	2.5
			VN	-20	2535	15.44	0.0061	2.5
				-10	2535	14.71	0.0058	2.5
				0	2535	14.30	0.0056	2.5
				10	2535	15.14	0.0060	2.5
				20	2535	14.87	0.0059	2.5
				30	2535	16.76	0.0066	2.5
				40	2535	16.70	0.0066	2.5
				50	2535	14.34	0.0057	2.5
			VL	20	2535	17.17	0.0068	2.5
			VH	20	2535	17.48	0.0069	2.5
			VN	-20	2562.5	13.40	0.0052	2.5
				-10	2562.5	17.11	0.0067	2.5
				0	2562.5	15.07	0.0059	2.5
				10	2562.5	16.00	0.0062	2.5
				20	2562.5	16.01	0.0062	2.5
				30	2562.5	14.94	0.0058	2.5
				40	2562.5	16.85	0.0066	2.5
				50	2562.5	16.21	0.0063	2.5
			VL	20	2562.5	16.72	0.0065	2.5
			VH	20	2562.5	15.39	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 BAND7	QPSK/16-QAM	20MHz	VN	-20	2510	14.63	0.0058	2.5
				-10	2510	18.25	0.0073	2.5
				0	2510	15.32	0.0061	2.5
				10	2510	16.26	0.0065	2.5
				20	2510	16.18	0.0064	2.5
				30	2510	16.22	0.0065	2.5
				40	2510	15.98	0.0064	2.5
				50	2510	16.59	0.0066	2.5
			VL	20	2510	15.35	0.0061	2.5
			VH	20	2510	15.52	0.0062	2.5
			VN	-20	2535	14.58	0.0058	2.5
				-10	2535	16.11	0.0064	2.5
				0	2535	15.50	0.0061	2.5
				10	2535	16.20	0.0064	2.5
				20	2535	15.82	0.0062	2.5
				30	2535	15.20	0.0060	2.5
				40	2535	16.16	0.0064	2.5
				50	2535	16.76	0.0066	2.5
			VL	20	2535	18.41	0.0073	2.5
			VH	20	2535	16.59	0.0065	2.5
			VN	-20	2560	13.07	0.0051	2.5
				-10	2560	17.30	0.0068	2.5
				0	2560	13.74	0.0054	2.5
				10	2560	16.04	0.0063	2.5
				20	2560	16.96	0.0066	2.5
				30	2560	16.73	0.0065	2.5
				40	2560	14.73	0.0058	2.5
				50	2560	14.98	0.0059	2.5
			VL	20	2560	15.31	0.0060	2.5
			VH	20	2560	14.20	0.0055	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	16.05	0.0229	2.5
				-10	699.7	17.02	0.0243	2.5
				0	699.7	16.26	0.0232	2.5
				10	699.7	17.55	0.0251	2.5
				20	699.7	16.61	0.0237	2.5
				30	699.7	18.28	0.0261	2.5
				40	699.7	15.36	0.0220	2.5
				50	699.7	15.95	0.0228	2.5
			VL	20	699.7	14.59	0.0208	2.5
			VH	20	699.7	14.98	0.0214	2.5
			VN	-20	707.5	15.60	0.0220	2.5
				-10	707.5	17.42	0.0246	2.5
				0	707.5	14.66	0.0207	2.5
				10	707.5	16.13	0.0228	2.5
				20	707.5	13.73	0.0194	2.5
				30	707.5	16.44	0.0232	2.5
				40	707.5	15.69	0.0222	2.5
				50	707.5	16.43	0.0232	2.5
			VL	20	707.5	16.92	0.0239	2.5
			VH	20	707.5	17.60	0.0249	2.5
			VN	-20	715.3	13.62	0.0190	2.5
				-10	715.3	15.27	0.0213	2.5
				0	715.3	15.62	0.0218	2.5
				10	715.3	14.58	0.0204	2.5
				20	715.3	16.31	0.0228	2.5
				30	715.3	15.76	0.0220	2.5
				40	715.3	15.10	0.0211	2.5
				50	715.3	15.72	0.0220	2.5
			VL	20	715.3	14.08	0.0197	2.5
			VH	20	715.3	12.90	0.0180	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	16.39	0.0234	2.5
				-10	700.5	17.78	0.0254	2.5
				0	700.5	15.78	0.0225	2.5
				10	700.5	15.02	0.0214	2.5
				20	700.5	15.81	0.0226	2.5
				30	700.5	17.68	0.0252	2.5
				40	700.5	16.27	0.0232	2.5
				50	700.5	14.22	0.0203	2.5
			VL	20	700.5	15.63	0.0223	2.5
			VH	20	700.5	17.60	0.0251	2.5
			VN	-20	707.5	15.54	0.0220	2.5
				-10	707.5	16.47	0.0233	2.5
				0	707.5	16.26	0.0230	2.5
				10	707.5	14.36	0.0203	2.5
				20	707.5	15.73	0.0222	2.5
				30	707.5	15.78	0.0223	2.5
				40	707.5	16.35	0.0231	2.5
				50	707.5	14.99	0.0212	2.5
			VL	20	707.5	15.84	0.0224	2.5
			VH	20	707.5	16.96	0.0240	2.5
			VN	-20	714.5	14.71	0.0206	2.5
				-10	714.5	16.94	0.0237	2.5
				0	714.5	13.87	0.0194	2.5
				10	714.5	17.47	0.0244	2.5
				20	714.5	16.74	0.0234	2.5
				30	714.5	15.91	0.0223	2.5
				40	714.5	16.96	0.0237	2.5
				50	714.5	15.88	0.0222	2.5
			VL	20	714.5	16.42	0.0230	2.5
			VH	20	714.5	14.41	0.0202	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	16.14	0.0230	2.5
				-10	701.5	17.71	0.0252	2.5
				0	701.5	15.03	0.0214	2.5
				10	701.5	15.49	0.0221	2.5
				20	701.5	15.15	0.0216	2.5
				30	701.5	16.84	0.0240	2.5
				40	701.5	16.20	0.0231	2.5
				50	701.5	14.59	0.0208	2.5
			VL	20	701.5	16.46	0.0235	2.5
			VH	20	701.5	15.33	0.0219	2.5
			VN	-20	707.5	15.10	0.0213	2.5
				-10	707.5	15.71	0.0222	2.5
				0	707.5	15.11	0.0214	2.5
				10	707.5	15.30	0.0216	2.5
				20	707.5	15.92	0.0225	2.5
				30	707.5	14.59	0.0206	2.5
				40	707.5	15.09	0.0213	2.5
				50	707.5	14.54	0.0206	2.5
			VL	20	707.5	17.94	0.0254	2.5
			VH	20	707.5	16.21	0.0229	2.5
			VN	-20	713.5	13.72	0.0192	2.5
				-10	713.5	17.43	0.0244	2.5
				0	713.5	14.22	0.0199	2.5
				10	713.5	16.27	0.0228	2.5
				20	713.5	17.04	0.0239	2.5
				30	713.5	14.92	0.0209	2.5
				40	713.5	16.11	0.0226	2.5
				50	713.5	15.98	0.0224	2.5
			VL	20	713.5	15.25	0.0214	2.5
			VH	20	713.5	13.46	0.0189	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	15.52	0.0220	2.5
				-10	704	18.80	0.0267	2.5
				0	704	14.90	0.0212	2.5
				10	704	16.29	0.0231	2.5
				20	704	15.70	0.0223	2.5
				30	704	16.96	0.0241	2.5
				40	704	15.88	0.0226	2.5
				50	704	15.48	0.0220	2.5
			VL	20	704	16.72	0.0237	2.5
			VH	20	704	17.33	0.0246	2.5
			VN	-20	707.5	17.19	0.0243	2.5
				-10	707.5	15.80	0.0223	2.5
				0	707.5	16.21	0.0229	2.5
				10	707.5	15.83	0.0224	2.5
				20	707.5	14.50	0.0205	2.5
				30	707.5	15.93	0.0225	2.5
				40	707.5	16.42	0.0232	2.5
				50	707.5	16.60	0.0235	2.5
			VL	20	707.5	16.84	0.0238	2.5
			VH	20	707.5	16.45	0.0233	2.5
			VN	-20	711	15.48	0.0218	2.5
				-10	711	14.80	0.0208	2.5
				0	711	14.97	0.0210	2.5
				10	711	16.69	0.0235	2.5
				20	711	17.13	0.0241	2.5
				30	711	17.52	0.0246	2.5
				40	711	15.59	0.0219	2.5
				50	711	16.14	0.0227	2.5
			VL	20	711	15.49	0.0218	2.5
			VH	20	711	13.03	0.0183	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	15.64	0.0201	2.5
				-10	779.5	18.23	0.0234	2.5
				0	779.5	15.05	0.0193	2.5
				10	779.5	17.10	0.0219	2.5
				20	779.5	16.20	0.0208	2.5
				30	779.5	16.50	0.0212	2.5
				40	779.5	15.72	0.0202	2.5
				50	779.5	14.08	0.0181	2.5
			VL	20	779.5	15.43	0.0198	2.5
			VH	20	779.5	15.20	0.0195	2.5
			VN	-20	782.0	16.71	0.0214	2.5
				-10	782.0	15.90	0.0203	2.5
				0	782.0	14.31	0.0183	2.5
				10	782.0	14.37	0.0184	2.5
				20	782.0	14.76	0.0189	2.5
				30	782.0	15.58	0.0199	2.5
				40	782.0	14.20	0.0182	2.5
				50	782.0	15.88	0.0203	2.5
			VL	20	782.0	16.95	0.0217	2.5
			VH	20	782.0	14.90	0.0191	2.5
			VN	-20	784.5	13.61	0.0173	2.5
				-10	784.5	15.14	0.0193	2.5
				0	784.5	15.54	0.0198	2.5
				10	784.5	15.81	0.0202	2.5
				20	784.5	15.12	0.0193	2.5
				30	784.5	16.73	0.0213	2.5
				40	784.5	15.95	0.0203	2.5
				50	784.5	16.42	0.0209	2.5
			VL	20	784.5	16.01	0.0204	2.5
			VH	20	784.5	13.85	0.0177	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	13.47	0.0172	2.5
				-10	782.0	15.96	0.0204	2.5
				0	782.0	14.96	0.0191	2.5
				10	782.0	15.14	0.0194	2.5
				20	782.0	17.30	0.0221	2.5
				30	782.0	16.41	0.0210	2.5
				40	782.0	16.82	0.0215	2.5
				50	782.0	13.84	0.0177	2.5
			VL	20	782.0	17.35	0.0222	2.5
			VH	20	782.0	13.47	0.0172	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	15.01	0.0081	2.5
				-10	1850.7	17.25	0.0093	2.5
				0	1850.7	15.43	0.0083	2.5
				10	1850.7	15.03	0.0081	2.5
				20	1850.7	16.80	0.0091	2.5
				30	1850.7	15.87	0.0086	2.5
				40	1850.7	16.15	0.0087	2.5
				50	1850.7	15.60	0.0084	2.5
			VL	20	1850.7	15.35	0.0083	2.5
			VH	20	1850.7	16.08	0.0087	2.5
			VN	-20	1882.5	16.06	0.0085	2.5
				-10	1882.5	16.99	0.0090	2.5
				0	1882.5	16.49	0.0088	2.5
				10	1882.5	14.93	0.0079	2.5
				20	1882.5	16.01	0.0085	2.5
				30	1882.5	16.61	0.0088	2.5
				40	1882.5	17.11	0.0091	2.5
				50	1882.5	16.63	0.0088	2.5
			VL	20	1882.5	16.55	0.0088	2.5
			VH	20	1882.5	17.15	0.0091	2.5
			VN	-20	1914.3	13.53	0.0071	2.5
				-10	1914.3	17.02	0.0089	2.5
				0	1914.3	16.10	0.0084	2.5
				10	1914.3	15.79	0.0082	2.5
				20	1914.3	16.82	0.0088	2.5
				30	1914.3	14.92	0.0078	2.5
				40	1914.3	16.23	0.0085	2.5
				50	1914.3	17.03	0.0089	2.5
			VL	20	1914.3	17.01	0.0089	2.5
			VH	20	1914.3	14.34	0.0075	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	14.78	0.0080	2.5
				-10	1851.5	16.70	0.0090	2.5
				0	1851.5	16.09	0.0087	2.5
				10	1851.5	15.08	0.0081	2.5
				20	1851.5	17.64	0.0095	2.5
				30	1851.5	16.74	0.0090	2.5
				40	1851.5	15.58	0.0084	2.5
				50	1851.5	16.38	0.0088	2.5
			VL	20	1851.5	16.48	0.0089	2.5
			VH	20	1851.5	17.51	0.0095	2.5
			VN	-20	1882.5	14.59	0.0078	2.5
				-10	1882.5	15.41	0.0082	2.5
				0	1882.5	16.40	0.0087	2.5
				10	1882.5	14.25	0.0076	2.5
				20	1882.5	15.96	0.0085	2.5
				30	1882.5	16.49	0.0088	2.5
				40	1882.5	14.77	0.0078	2.5
				50	1882.5	14.33	0.0076	2.5
			VL	20	1882.5	15.72	0.0084	2.5
			VH	20	1882.5	17.58	0.0093	2.5
			VN	-20	1913.5	13.24	0.0069	2.5
				-10	1913.5	15.87	0.0083	2.5
				0	1913.5	14.06	0.0073	2.5
				10	1913.5	17.22	0.0090	2.5
				20	1913.5	15.14	0.0079	2.5
				30	1913.5	15.62	0.0082	2.5
				40	1913.5	14.82	0.0077	2.5
				50	1913.5	16.77	0.0088	2.5
			VL	20	1913.5	16.00	0.0084	2.5
			VH	20	1913.5	13.36	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	5MHz	VN	-20	1852.5	15.23	0.0082	2.5
				-10	1852.5	17.73	0.0096	2.5
				0	1852.5	16.29	0.0088	2.5
				10	1852.5	16.23	0.0088	2.5
				20	1852.5	15.29	0.0083	2.5
				30	1852.5	17.08	0.0092	2.5
				40	1852.5	16.89	0.0091	2.5
				50	1852.5	16.61	0.0090	2.5
			VL	20	1852.5	17.24	0.0093	2.5
			VH	20	1852.5	17.64	0.0095	2.5
			VN	-20	1882.5	14.95	0.0079	2.5
				-10	1882.5	16.86	0.0090	2.5
				0	1882.5	14.45	0.0077	2.5
				10	1882.5	16.36	0.0087	2.5
				20	1882.5	16.21	0.0086	2.5
				30	1882.5	16.66	0.0088	2.5
				40	1882.5	16.69	0.0089	2.5
				50	1882.5	16.75	0.0089	2.5
			VL	20	1882.5	16.40	0.0087	2.5
			VH	20	1882.5	16.68	0.0089	2.5
			VN	-20	1912.5	13.02	0.0068	2.5
				-10	1912.5	15.94	0.0083	2.5
				0	1912.5	15.29	0.0080	2.5
				10	1912.5	14.67	0.0077	2.5
				20	1912.5	16.51	0.0086	2.5
				30	1912.5	14.90	0.0078	2.5
				40	1912.5	15.46	0.0081	2.5
				50	1912.5	15.75	0.0082	2.5
			VL	20	1912.5	15.65	0.0082	2.5
			VH	20	1912.5	15.42	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 BAND25	QPSK/16-QAM	10MHz	VN	-20	1855.0	15.86	0.0086	2.5
				-10	1855.0	18.11	0.0098	2.5
				0	1855.0	14.30	0.0077	2.5
				10	1855.0	15.69	0.0085	2.5
				20	1855.0	17.03	0.0092	2.5
				30	1855.0	18.04	0.0097	2.5
				40	1855.0	15.05	0.0081	2.5
				50	1855.0	16.29	0.0088	2.5
			VL	20	1855.0	15.36	0.0083	2.5
			VH	20	1855.0	16.10	0.0087	2.5
			VN	-20	1882.5	16.41	0.0087	2.5
				-10	1882.5	16.85	0.0089	2.5
				0	1882.5	14.25	0.0076	2.5
				10	1882.5	15.00	0.0080	2.5
				20	1882.5	15.89	0.0084	2.5
				30	1882.5	16.45	0.0087	2.5
				40	1882.5	16.90	0.0090	2.5
				50	1882.5	15.81	0.0084	2.5
			VL	20	1882.5	16.24	0.0086	2.5
			VH	20	1882.5	15.38	0.0082	2.5
			VN	-20	1910.0	14.92	0.0078	2.5
				-10	1910.0	17.13	0.0090	2.5
				0	1910.0	15.67	0.0082	2.5
				10	1910.0	16.90	0.0088	2.5
				20	1910.0	16.64	0.0087	2.5
				30	1910.0	14.62	0.0077	2.5
				40	1910.0	16.50	0.0086	2.5
				50	1910.0	17.43	0.0091	2.5
			VL	20	1910.0	16.06	0.0084	2.5
			VH	20	1910.0	12.93	0.0068	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	16.02	0.0086	2.5
				-10	1857.5	17.30	0.0093	2.5
				0	1857.5	16.40	0.0088	2.5
				10	1857.5	17.18	0.0092	2.5
				20	1857.5	17.08	0.0092	2.5
				30	1857.5	17.68	0.0095	2.5
				40	1857.5	14.84	0.0080	2.5
				50	1857.5	14.86	0.0080	2.5
			VL	20	1857.5	16.13	0.0087	2.5
			VH	20	1857.5	15.16	0.0082	2.5
			VN	-20	1882.5	15.84	0.0084	2.5
				-10	1882.5	16.22	0.0086	2.5
				0	1882.5	15.98	0.0085	2.5
				10	1882.5	15.96	0.0085	2.5
				20	1882.5	15.92	0.0085	2.5
				30	1882.5	16.85	0.0090	2.5
				40	1882.5	16.77	0.0089	2.5
				50	1882.5	16.88	0.0090	2.5
			VL	20	1882.5	16.45	0.0087	2.5
			VH	20	1882.5	17.04	0.0091	2.5
			VN	-20	1907.5	14.84	0.0078	2.5
				-10	1907.5	15.66	0.0082	2.5
				0	1907.5	13.80	0.0072	2.5
				10	1907.5	17.35	0.0091	2.5
				20	1907.5	14.24	0.0075	2.5
				30	1907.5	15.67	0.0082	2.5
				40	1907.5	15.41	0.0081	2.5
				50	1907.5	15.61	0.0082	2.5
			VL	20	1907.5	15.37	0.0081	2.5
			VH	20	1907.5	14.29	0.0075	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	14.30	0.0077	2.5
				-10	1860.0	17.99	0.0097	2.5
				0	1860.0	15.76	0.0085	2.5
				10	1860.0	15.50	0.0083	2.5
				20	1860.0	16.52	0.0089	2.5
				30	1860.0	17.79	0.0096	2.5
				40	1860.0	16.27	0.0087	2.5
				50	1860.0	13.87	0.0075	2.5
			VL	20	1860.0	16.00	0.0086	2.5
			VH	20	1860.0	15.46	0.0083	2.5
			VN	-20	1882.5	17.48	0.0093	2.5
				-10	1882.5	17.44	0.0093	2.5
				0	1882.5	17.04	0.0091	2.5
				10	1882.5	14.61	0.0078	2.5
				20	1882.5	13.53	0.0072	2.5
				30	1882.5	16.10	0.0086	2.5
				40	1882.5	16.89	0.0090	2.5
				50	1882.5	16.90	0.0090	2.5
			VL	20	1882.5	15.71	0.0083	2.5
			VH	20	1882.5	15.91	0.0085	2.5
			VN	-20	1905.0	14.60	0.0077	2.5
				-10	1905.0	17.05	0.0090	2.5
				0	1905.0	14.60	0.0077	2.5
				10	1905.0	16.11	0.0085	2.5
				20	1905.0	14.21	0.0075	2.5
				30	1905.0	16.61	0.0087	2.5
				40	1905.0	16.60	0.0087	2.5
				50	1905.0	14.77	0.0078	2.5
			VL	20	1905.0	14.69	0.0077	2.5
			VH	20	1905.0	14.65	0.0077	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	814.7	15.94	0.0196	2.5
				-10	814.7	17.08	0.0210	2.5
				0	814.7	14.99	0.0184	2.5
				10	814.7	14.80	0.0182	2.5
				20	814.7	17.67	0.0217	2.5
				30	814.7	18.24	0.0224	2.5
				40	814.7	14.97	0.0184	2.5
				50	814.7	15.32	0.0188	2.5
			VL	20	814.7	15.10	0.0185	2.5
			VH	20	814.7	16.99	0.0208	2.5
			VN	-20	831.5	17.52	0.0211	2.5
				-10	831.5	16.86	0.0203	2.5
				0	831.5	15.92	0.0191	2.5
				10	831.5	15.81	0.0190	2.5
				20	831.5	15.20	0.0183	2.5
				30	831.5	16.40	0.0197	2.5
				40	831.5	14.67	0.0176	2.5
				50	831.5	14.47	0.0174	2.5
			VL	20	831.5	15.58	0.0187	2.5
			VH	20	836.5	15.66	0.0187	2.5
			VN	-20	848.3	14.13	0.0167	2.5
				-10	848.3	16.02	0.0189	2.5
				0	848.3	15.50	0.0183	2.5
				10	848.3	16.33	0.0193	2.5
				20	848.3	15.66	0.0185	2.5
				30	848.3	17.50	0.0206	2.5
				40	848.3	14.44	0.0170	2.5
				50	848.3	17.02	0.0201	2.5
			VL	20	848.3	15.94	0.0188	2.5
			VH	20	848.3	14.01	0.0165	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	815.5	13.57	0.0166	2.5
				-10	815.5	17.99	0.0221	2.5
				0	815.5	14.58	0.0179	2.5
				10	815.5	16.06	0.0197	2.5
				20	815.5	17.40	0.0213	2.5
				30	815.5	16.48	0.0202	2.5
				40	815.5	15.33	0.0188	2.5
				50	815.5	14.85	0.0182	2.5
			VL	20	815.5	15.05	0.0185	2.5
			VH	20	815.5	17.19	0.0211	2.5
			VN	-20	831.5	15.79	0.0190	2.5
				-10	831.5	17.42	0.0210	2.5
				0	831.5	15.60	0.0188	2.5
				10	831.5	15.23	0.0183	2.5
				20	831.5	16.08	0.0193	2.5
				30	831.5	16.79	0.0202	2.5
				40	831.5	14.82	0.0178	2.5
				50	831.5	16.45	0.0198	2.5
			VL	20	831.5	16.00	0.0192	2.5
			VH	20	831.5	17.33	0.0208	2.5
			VN	-20	847.5	14.11	0.0167	2.5
				-10	847.5	15.47	0.0182	2.5
				0	847.5	15.84	0.0187	2.5
				10	847.5	16.53	0.0195	2.5
				20	847.5	16.00	0.0189	2.5
				30	847.5	14.61	0.0172	2.5
				40	847.5	15.15	0.0179	2.5
				50	847.5	15.21	0.0179	2.5
			VL	20	847.5	16.07	0.0190	2.5
			VH	20	847.5	13.57	0.0166	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	816.5	15.14	0.0185	2.5
				-10	816.5	18.19	0.0223	2.5
				0	816.5	14.95	0.0183	2.5
				10	816.5	16.63	0.0204	2.5
				20	816.5	16.33	0.0200	2.5
				30	816.5	16.47	0.0202	2.5
				40	816.5	16.73	0.0205	2.5
				50	816.5	15.77	0.0193	2.5
			VL	20	816.5	15.63	0.0191	2.5
			VH	20	816.5	15.09	0.0185	2.5
			VN	-20	831.5	16.44	0.0198	2.5
				-10	831.5	17.09	0.0205	2.5
				0	831.5	15.67	0.0189	2.5
				10	831.5	14.06	0.0169	2.5
				20	831.5	15.98	0.0192	2.5
				30	831.5	15.11	0.0182	2.5
				40	831.5	15.03	0.0181	2.5
				50	831.5	16.02	0.0193	2.5
			VL	20	831.5	18.29	0.0220	2.5
			VH	20	831.5	16.31	0.0196	2.5
			VN	-20	846.5	14.49	0.0171	2.5
				-10	846.5	15.38	0.0182	2.5
				0	846.5	13.79	0.0163	2.5
				10	846.5	17.30	0.0204	2.5
				20	846.5	16.66	0.0197	2.5
				30	846.5	15.34	0.0181	2.5
				40	846.5	15.90	0.0188	2.5
				50	846.5	14.50	0.0171	2.5
			VL	20	846.5	15.66	0.0185	2.5
			VH	20	846.5	14.63	0.0173	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	819	14.39	0.0176	2.5
				-10	819	17.99	0.0220	2.5
				0	819	14.14	0.0173	2.5
				10	819	16.73	0.0204	2.5
				20	819	17.59	0.0215	2.5
				30	819	16.16	0.0197	2.5
				40	819	15.74	0.0192	2.5
				50	819	13.99	0.0171	2.5
			VL	20	819	15.76	0.0192	2.5
			VH	20	819	15.13	0.0185	2.5
			VN	-20	831.5	17.30	0.0208	2.5
				-10	831.5	15.55	0.0187	2.5
				0	831.5	14.49	0.0174	2.5
				10	831.5	15.09	0.0181	2.5
				20	831.5	16.14	0.0194	2.5
				30	831.5	14.30	0.0172	2.5
				40	831.5	14.66	0.0176	2.5
				50	831.5	15.57	0.0187	2.5
			VL	20	831.5	17.61	0.0212	2.5
			VH	20	831.5	17.67	0.0213	2.5
			VN	-20	844	15.33	0.0182	2.5
				-10	844	14.68	0.0174	2.5
				0	844	15.29	0.0181	2.5
				10	844	16.91	0.0200	2.5
				20	844	15.21	0.0180	2.5
				30	844	17.05	0.0202	2.5
				40	844	15.70	0.0186	2.5
				50	844	14.48	0.0172	2.5
			VL	20	844	15.06	0.0178	2.5
			VH	20	844	14.40	0.0171	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	821.5	13.97	0.0170	2.5
				-10	821.5	17.37	0.0211	2.5
				0	821.5	14.94	0.0182	2.5
				10	821.5	15.13	0.0184	2.5
				20	821.5	17.67	0.0215	2.5
				30	821.5	15.63	0.0190	2.5
				40	821.5	14.75	0.0180	2.5
				50	821.5	14.40	0.0175	2.5
			VL	20	821.5	16.20	0.0197	2.5
			VH	20	821.5	16.58	0.0202	2.5
			VN	-20	831.5	16.18	0.0195	2.5
				-10	831.5	16.19	0.0195	2.5
				0	831.5	15.07	0.0181	2.5
				10	831.5	14.72	0.0177	2.5
				20	831.5	15.89	0.0191	2.5
				30	831.5	15.73	0.0189	2.5
				40	831.5	15.48	0.0186	2.5
				50	831.5	14.10	0.0170	2.5
			VL	20	831.5	16.46	0.0198	2.5
			VH	20	831.5	15.90	0.0191	2.5
			VN	-20	841.5	12.90	0.0153	2.5
				-10	841.5	15.76	0.0187	2.5
				0	841.5	13.89	0.0165	2.5
				10	841.5	14.61	0.0174	2.5
				20	841.5	14.67	0.0174	2.5
				30	841.5	14.55	0.0173	2.5
				40	841.5	15.08	0.0179	2.5
				50	841.5	17.01	0.0202	2.5
			VL	20	841.5	14.22	0.0169	2.5
			VH	20	841.5	14.80	0.0176	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	13.50	0.0059	2.5
				-10	2307.5	18.55	0.0080	2.5
				0	2307.5	16.46	0.0071	2.5
				10	2307.5	16.41	0.0071	2.5
				20	2307.5	17.10	0.0074	2.5
				30	2307.5	15.74	0.0068	2.5
				40	2307.5	15.02	0.0065	2.5
				50	2307.5	16.09	0.0070	2.5
			VL	20	2307.5	14.77	0.0064	2.5
			VH	20	2307.5	16.18	0.0070	2.5
			VN	-20	2310	14.75	0.0064	2.5
				-10	2310	16.74	0.0072	2.5
				0	2310	16.79	0.0073	2.5
				10	2310	15.41	0.0067	2.5
				20	2310	16.27	0.0070	2.5
				30	2310	15.47	0.0067	2.5
				40	2310	15.12	0.0065	2.5
				50	2310	15.55	0.0067	2.5
			VL	20	2310	17.92	0.0078	2.5
			VH	20	2310	16.04	0.0069	2.5
			VN	-20	2312.5	15.44	0.0067	2.5
				-10	2312.5	17.39	0.0075	2.5
				0	2312.5	15.77	0.0068	2.5
				10	2312.5	15.19	0.0066	2.5
				20	2312.5	16.58	0.0072	2.5
				30	2312.5	14.98	0.0065	2.5
				40	2312.5	15.83	0.0068	2.5
				50	2312.5	15.64	0.0068	2.5
			VL	20	2312.5	15.04	0.0065	2.5
			VH	20	2312.5	15.81	0.0068	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	15.09	0.0065	2.5
				-10	2310	15.93	0.0069	2.5
				0	2310	16.66	0.0072	2.5
				10	2310	17.44	0.0076	2.5
				20	2310	16.13	0.0070	2.5
				30	2310	18.04	0.0078	2.5
				40	2310	15.54	0.0067	2.5
				50	2310	14.07	0.0061	2.5
			VL	20	2310	17.19	0.0074	2.5
			VH	20	2310	17.23	0.0075	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	14.00	0.0056	2.5
				-10	2498.5	17.28	0.0069	2.5
				0	2498.5	14.41	0.0058	2.5
				10	2498.5	17.39	0.0070	2.5
				20	2498.5	17.23	0.0069	2.5
				30	2498.5	16.91	0.0068	2.5
				40	2498.5	17.58	0.0070	2.5
				50	2498.5	16.39	0.0066	2.5
			VL	20	2498.5	16.52	0.0066	2.5
			VH	20	2498.5	16.23	0.0065	2.5
			VN	-20	2593	16.25	0.0063	2.5
				-10	2593	16.10	0.0062	2.5
				0	2593	16.92	0.0065	2.5
				10	2593	15.12	0.0058	2.5
				20	2593	16.40	0.0063	2.5
				30	2593	15.07	0.0058	2.5
				40	2593	16.58	0.0064	2.5
				50	2593	16.40	0.0063	2.5
			VL	20	2593	16.87	0.0065	2.5
			VH	20	2593	14.99	0.0058	2.5
			VN	-20	2687.5	14.30	0.0053	2.5
				-10	2687.5	17.09	0.0064	2.5
				0	2687.5	15.80	0.0059	2.5
				10	2687.5	16.75	0.0062	2.5
				20	2687.5	16.45	0.0061	2.5
				30	2687.5	16.62	0.0062	2.5
				40	2687.5	14.34	0.0053	2.5
				50	2687.5	17.02	0.0063	2.5
			VL	20	2687.5	14.63	0.0054	2.5
			VH	20	2687.5	13.80	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	10MHz	VN	-20	2501	15.17	0.0061	2.5
				-10	2501	17.97	0.0072	2.5
				0	2501	14.45	0.0058	2.5
				10	2501	15.34	0.0061	2.5
				20	2501	16.76	0.0067	2.5
				30	2501	16.24	0.0065	2.5
				40	2501	16.90	0.0068	2.5
				50	2501	14.92	0.0060	2.5
			VL	20	2501	16.02	0.0064	2.5
			VH	20	2501	16.90	0.0068	2.5
			VN	-20	2593	15.01	0.0058	2.5
				-10	2593	15.47	0.0060	2.5
				0	2593	14.53	0.0056	2.5
				10	2593	14.59	0.0056	2.5
				20	2593	13.86	0.0053	2.5
				30	2593	14.52	0.0056	2.5
				40	2593	14.96	0.0058	2.5
				50	2593	16.07	0.0062	2.5
			VL	20	2593	18.26	0.0070	2.5
			VH	20	2593	16.08	0.0062	2.5
			VN	-20	2685	14.98	0.0056	2.5
				-10	2685	14.57	0.0054	2.5
				0	2685	14.00	0.0052	2.5
				10	2685	16.01	0.0060	2.5
				20	2685	17.01	0.0063	2.5
				30	2685	16.85	0.0063	2.5
				40	2685	15.15	0.0056	2.5
				50	2685	14.81	0.0055	2.5
			VL	20	2685	14.71	0.0055	2.5
			VH	20	2685	13.80	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	15.89	0.0063	2.5
				-10	2503.5	17.83	0.0071	2.5
				0	2503.5	16.04	0.0064	2.5
				10	2503.5	17.36	0.0069	2.5
				20	2503.5	16.49	0.0066	2.5
				30	2503.5	17.59	0.0070	2.5
				40	2503.5	16.63	0.0066	2.5
				50	2503.5	16.56	0.0066	2.5
			VL	20	2503.5	15.18	0.0061	2.5
			VH	20	2503.5	17.79	0.0071	2.5
			VN	-20	2593	14.97	0.0058	2.5
				-10	2593	16.03	0.0062	2.5
				0	2593	14.73	0.0057	2.5
				10	2593	14.25	0.0055	2.5
				20	2593	13.72	0.0053	2.5
				30	2593	16.54	0.0064	2.5
				40	2593	16.13	0.0062	2.5
				50	2593	16.43	0.0063	2.5
			VL	20	2593	16.64	0.0064	2.5
			VH	20	2593	16.20	0.0062	2.5
			VN	-20	2682.5	12.60	0.0047	2.5
				-10	2682.5	15.51	0.0058	2.5
				0	2682.5	14.22	0.0053	2.5
				10	2682.5	17.42	0.0065	2.5
				20	2682.5	16.27	0.0061	2.5
				30	2682.5	14.65	0.0055	2.5
				40	2682.5	16.04	0.0060	2.5
				50	2682.5	16.85	0.0063	2.5
			VL	20	2682.5	15.34	0.0057	2.5
			VH	20	2682.5	14.53	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 BAND41	QPSK/16-QAM	20MHz	VN	-20	2506	13.66	0.0055	2.5
				-10	2506	18.37	0.0073	2.5
				0	2506	14.91	0.0060	2.5
				10	2506	16.03	0.0064	2.5
				20	2506	16.61	0.0066	2.5
				30	2506	16.47	0.0066	2.5
				40	2506	15.87	0.0063	2.5
				50	2506	16.20	0.0065	2.5
			VL	20	2506	15.82	0.0063	2.5
			VH	20	2506	17.65	0.0070	2.5
			VN	-20	2593	14.68	0.0057	2.5
				-10	2593	17.64	0.0068	2.5
				0	2593	16.70	0.0064	2.5
				10	2593	15.37	0.0059	2.5
				20	2593	15.26	0.0059	2.5
				30	2593	16.20	0.0062	2.5
				40	2593	16.61	0.0064	2.5
				50	2593	15.76	0.0061	2.5
			VL	20	2593	18.36	0.0071	2.5
			VH	20	2593	15.29	0.0059	2.5
			VN	-20	2680	14.78	0.0055	2.5
				-10	2680	17.54	0.0065	2.5
				0	2680	14.22	0.0053	2.5
				10	2680	17.21	0.0064	2.5
				20	2680	14.42	0.0054	2.5
				30	2680	15.03	0.0056	2.5
				40	2680	16.54	0.0062	2.5
				50	2680	16.70	0.0062	2.5
			VL	20	2680	14.43	0.0054	2.5
			VH	20	2680	14.66	0.0055	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	4.71	<=13	Pass
	QPSK	1.4MHz	Middle	RB1#0	4.65	<=13	Pass
	QPSK	1.4MHz	High	RB1#0	4.92	<=13	Pass
	16-QAM	1.4MHz	Low	RB1#0	5.56	<=13	Pass
	16-QAM	1.4MHz	Middle	RB1#0	5.48	<=13	Pass
	16-QAM	1.4MHz	High	RB1#0	6.11	<=13	Pass
LTE Babd4	QPSK	3MHz	Low	RB1#0	4.85	<=13	Pass
	QPSK	3MHz	Middle	RB1#0	4.47	<=13	Pass
	QPSK	3MHz	High	RB1#0	4.71	<=13	Pass
	16-QAM	3MHz	Low	RB1#0	5.49	<=13	Pass
	16-QAM	3MHz	Middle	RB1#0	5.41	<=13	Pass
	16-QAM	3MHz	High	RB1#0	6.09	<=13	Pass
LTE Babd4	QPSK	5MHz	Low	RB1#0	4.80	<=13	Pass
	QPSK	5MHz	Middle	RB1#0	4.56	<=13	Pass
	QPSK	5MHz	High	RB1#0	4.93	<=13	Pass
	16-QAM	5MHz	Low	RB1#0	5.53	<=13	Pass
	16-QAM	5MHz	Middle	RB1#0	5.37	<=13	Pass
	16-QAM	5MHz	High	RB1#0	6.32	<=13	Pass
LTE Babd4	QPSK	10MHz	Low	RB1#0	4.67	<=13	Pass
	QPSK	10MHz	Middle	RB1#0	4.76	<=13	Pass
	QPSK	10MHz	High	RB1#0	5.08	<=13	Pass
	16-QAM	10MHz	Low	RB1#0	5.74	<=13	Pass
	16-QAM	10MHz	Middle	RB1#0	5.45	<=13	Pass
	16-QAM	10MHz	High	RB1#0	6.07	<=13	Pass
TE Babd4	QPSK	15MHz	Low	RB1#0	4.86	<=13	Pass
	QPSK	15MHz	Middle	RB1#0	4.01	<=13	Pass
	QPSK	15MHz	High	RB1#0	4.45	<=13	Pass
	16-QAM	15MHz	Low	RB1#0	5.47	<=13	Pass
	16-QAM	15MHz	Middle	RB1#0	5.22	<=13	Pass
	16-QAM	15MHz	High	RB1#0	5.26	<=13	Pass
TE Babd4	QPSK	20MHz	Low	RB1#0	4.63	<=13	Pass
	QPSK	20MHz	Middle	RB1#0	4.50	<=13	Pass
	QPSK	20MHz	High	RB1#0	4.00	<=13	Pass
	16-QAM	20MHz	Low	RB1#0	6.21	<=13	Pass
	16-QAM	20MHz	Middle	RB1#0	5.31	<=13	Pass
	16-QAM	20MHz	High	RB1#0	4.95	<=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	4.61	<=13	Pass
	QPSK	5MHz	Middle	RB1#0	4.61	<=13	Pass
	QPSK	5MHz	High	RB1#0	4.84	<=13	Pass
	16-QAM	5MHz	Low	RB1#0	5.63	<=13	Pass
	16-QAM	5MHz	Middle	RB1#0	5.32	<=13	Pass
	16-QAM	5MHz	High	RB1#0	6.13	<=13	Pass
LTE Babd7	QPSK	10MHz	Low	RB1#0	4.72	<=13	Pass
	QPSK	10MHz	Middle	RB1#0	4.77	<=13	Pass
	QPSK	10MHz	High	RB1#0	4.94	<=13	Pass
	16-QAM	10MHz	Low	RB1#0	5.56	<=13	Pass
	16-QAM	10MHz	Middle	RB1#0	5.14	<=13	Pass
	16-QAM	10MHz	High	RB1#0	6.13	<=13	Pass
TE Babd7	QPSK	15MHz	Low	RB1#0	4.58	<=13	Pass
	QPSK	15MHz	Middle	RB1#0	4.71	<=13	Pass
	QPSK	15MHz	High	RB1#0	4.96	<=13	Pass
	16-QAM	15MHz	Low	RB1#0	5.49	<=13	Pass
	16-QAM	15MHz	Middle	RB1#0	5.39	<=13	Pass
	16-QAM	15MHz	High	RB1#0	6.16	<=13	Pass
TE Babd7	QPSK	20MHz	Low	RB1#0	4.74	<=13	Pass
	QPSK	20MHz	Middle	RB1#0	4.47	<=13	Pass
	QPSK	20MHz	High	RB1#0	4.94	<=13	Pass
	16-QAM	20MHz	Low	RB1#0	5.61	<=13	Pass
	16-QAM	20MHz	Middle	RB1#0	5.23	<=13	Pass
	16-QAM	20MHz	High	RB1#0	5.90	<=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	4.84	<=13	Pass
	QPSK	1.4MHz	Middle	RB1#0	4.56	<=13	Pass
	QPSK	1.4MHz	High	RB1#0	4.87	<=13	Pass
	16-QAM	1.4MHz	Low	RB1#0	5.62	<=13	Pass
	16-QAM	1.4MHz	Middle	RB1#0	5.49	<=13	Pass
	16-QAM	1.4MHz	High	RB1#0	6.06	<=13	Pass
LTE Babd25	QPSK	3MHz	Low	RB1#0	4.70	<=13	Pass
	QPSK	3MHz	Middle	RB1#0	4.75	<=13	Pass
	QPSK	3MHz	High	RB1#0	5.00	<=13	Pass
	16-QAM	3MHz	Low	RB1#0	5.62	<=13	Pass
	16-QAM	3MHz	Middle	RB1#0	5.16	<=13	Pass
	16-QAM	3MHz	High	RB1#0	6.14	<=13	Pass
LTE Babd25	QPSK	5MHz	Low	RB1#0	4.61	<=13	Pass
	QPSK	5MHz	Middle	RB1#0	4.80	<=13	Pass
	QPSK	5MHz	High	RB1#0	4.92	<=13	Pass
	16-QAM	5MHz	Low	RB1#0	5.72	<=13	Pass
	16-QAM	5MHz	Middle	RB1#0	5.30	<=13	Pass
	16-QAM	5MHz	High	RB1#0	6.03	<=13	Pass
LTE Babd25	QPSK	10MHz	Low	RB1#0	4.62	<=13	Pass
	QPSK	10MHz	Middle	RB1#0	4.82	<=13	Pass
	QPSK	10MHz	High	RB1#0	5.04	<=13	Pass
	16-QAM	10MHz	Low	RB1#0	5.63	<=13	Pass
	16-QAM	10MHz	Middle	RB1#0	5.32	<=13	Pass
	16-QAM	10MHz	High	RB1#0	5.98	<=13	Pass
TE Babd25	QPSK	15MHz	Low	RB1#0	4.96	<=13	Pass
	QPSK	15MHz	Middle	RB1#0	4.20	<=13	Pass
	QPSK	15MHz	High	RB1#0	4.12	<=13	Pass
	16-QAM	15MHz	Low	RB1#0	5.64	<=13	Pass
	16-QAM	15MHz	Middle	RB1#0	5.24	<=13	Pass
	16-QAM	15MHz	High	RB1#0	4.79	<=13	Pass
TE Babd25	QPSK	20MHz	Low	RB1#0	4.62	<=13	Pass
	QPSK	20MHz	Middle	RB1#0	4.47	<=13	Pass
	QPSK	20MHz	High	RB1#0	3.93	<=13	Pass
	16-QAM	20MHz	Low	RB1#0	6.01	<=13	Pass
	16-QAM	20MHz	Middle	RB1#0	5.54	<=13	Pass
	16-QAM	20MHz	High	RB1#0	5.07	<=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	4.59	<=13	Pass
	QPSK	5MHz	Middle	RB1#0	4.81	<=13	Pass
	QPSK	5MHz	High	RB1#0	4.89	<=13	Pass
	16-QAM	5MHz	Low	RB1#0	5.48	<=13	Pass
	16-QAM	5MHz	Middle	RB1#0	5.43	<=13	Pass
	16-QAM	5MHz	High	RB1#0	6.16	<=13	Pass
LTE Babd30	QPSK	10MHz	Low	RB1#0	4.64	<=13	Pass
	QPSK	10MHz	Middle	RB1#0	4.61	<=13	Pass
	QPSK	10MHz	High	RB1#0	5.08	<=13	Pass
	16-QAM	10MHz	Low	RB1#0	/	<=13	Pass
	16-QAM	10MHz	Middle	RB1#0	5.41	<=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	4.72	<=13	Pass
	QPSK	5MHz	Middle	RB1#0	4.72	<=13	Pass
	QPSK	5MHz	High	RB1#0	4.98	<=13	Pass
	16-QAM	5MHz	Low	RB1#0	5.57	<=13	Pass
	16-QAM	5MHz	Middle	RB1#0	5.42	<=13	Pass
	16-QAM	5MHz	High	RB1#0	5.95	<=13	Pass
LTE Babd41	QPSK	10MHz	Low	RB1#0	4.67	<=13	Pass
	QPSK	10MHz	Middle	RB1#0	4.61	<=13	Pass
	QPSK	10MHz	High	RB1#0	5.08	<=13	Pass
	16-QAM	10MHz	Low	RB1#0	5.48	<=13	Pass
	16-QAM	10MHz	Middle	RB1#0	5.39	<=13	Pass
	16-QAM	10MHz	High	RB1#0	6.15	<=13	Pass
TE Babd41	QPSK	15MHz	Low	RB1#0	4.63	<=13	Pass
	QPSK	15MHz	Middle	RB1#0	4.35	<=13	Pass
	QPSK	15MHz	High	RB1#0	4.95	<=13	Pass
	16-QAM	15MHz	Low	RB1#0	5.80	<=13	Pass
	16-QAM	15MHz	Middle	RB1#0	5.43	<=13	Pass
	16-QAM	15MHz	High	RB1#0	5.93	<=13	Pass
TE Babd41	QPSK	20MHz	Low	RB1#0	4.76	<=13	Pass
	QPSK	20MHz	Middle	RB1#0	4.73	<=13	Pass
	QPSK	20MHz	High	RB1#0	4.92	<=13	Pass
	16-QAM	20MHz	Low	RB1#0	5.71	<=13	Pass
	16-QAM	20MHz	Middle	RB1#0	5.49	<=13	Pass
	16-QAM	20MHz	High	RB1#0	6.16	<=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