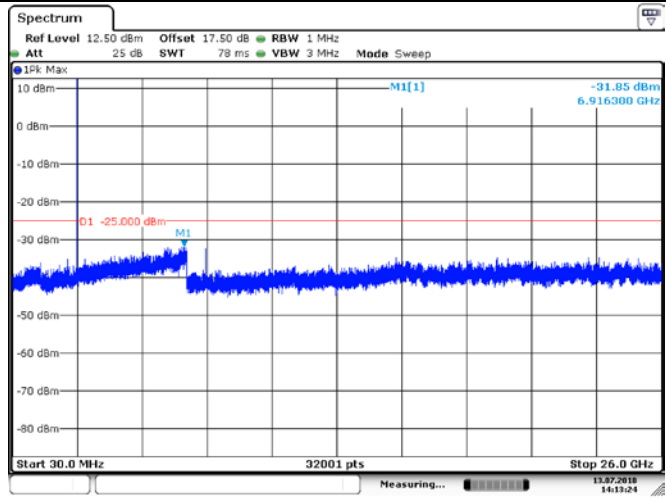
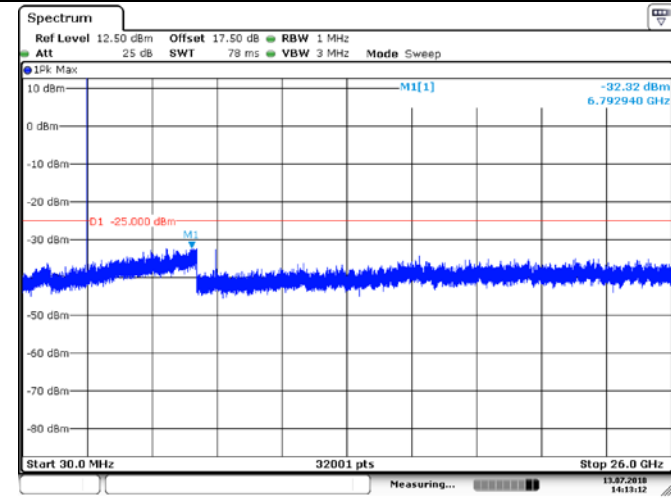


LTE Band41: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

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

QPSK

16QAM



Date: 13 JUL 2018 14:13:13

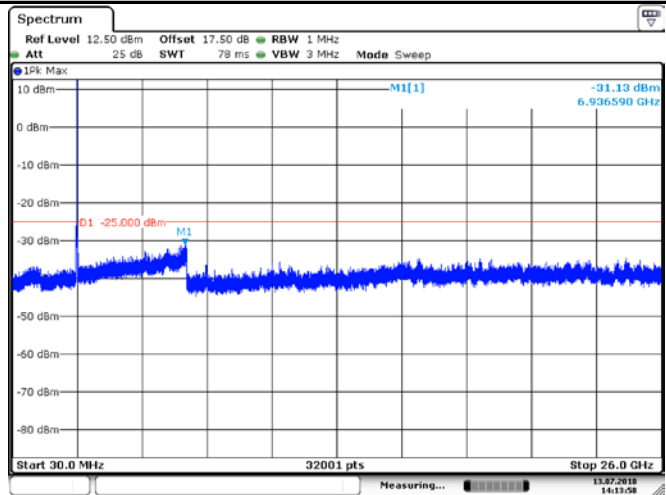
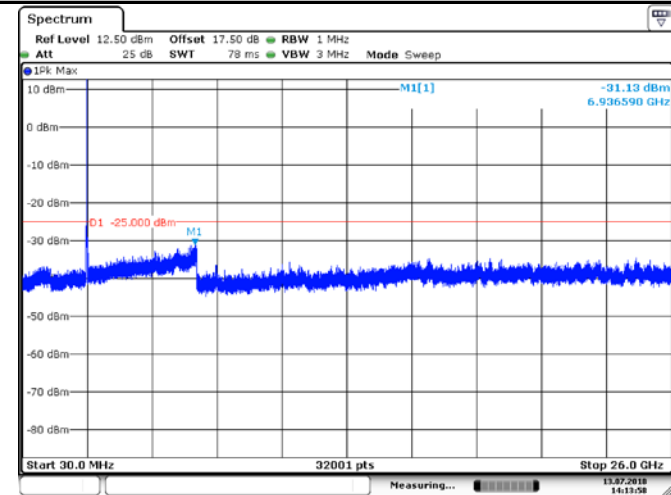
Date: 13 JUL 2018 14:13:24

LTE Band41: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

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

QPSK

16QAM



Date: 13 JUL 2018 14:13:58

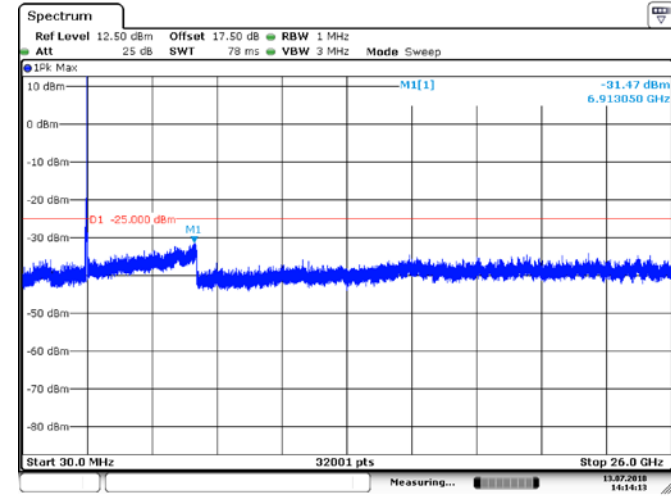
Date: 13 JUL 2018 14:13:58

LTE Band41: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

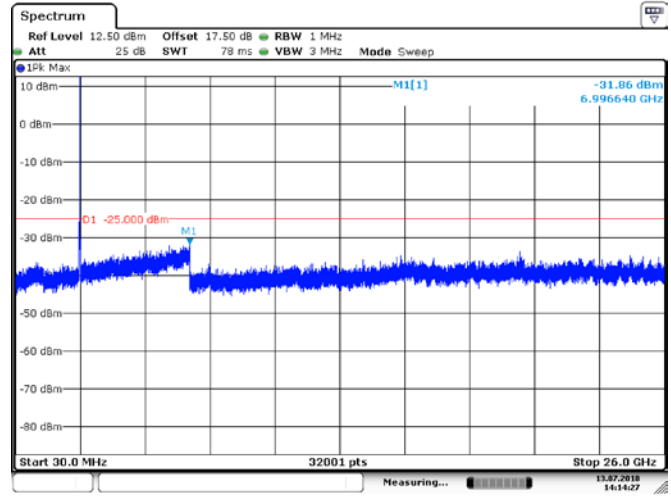
Test BW: 20MHz - Middle Channel - RB1#0

QPSK

16QAM



Date: 13.JUL.2018 14:14:13



Date: 13.JUL.2018 14:14:27

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°C	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°C	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
5197.5	H	1.4 MHz	RB1#0	-37.13	-13	-24.13	Pass
15070.03	H	1.4 MHz	RB1#0	-34.30	-13	-21.30	Pass
--	--	--	--	--	--	--	--
5197.5	V	1.4 MHz	RB1#0	-38.92	-13	-25.92	Pass
15206.08	V	1.4 MHz	RB1#0	-35.11	-13	-22.11	Pass
--	--	--	--	--	--	--	--

Temperature:	24°C	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
5197.5	H	3 MHz	RB1#0	-37.48	-13	-24.48	Pass
15813.21	H	3 MHz	RB1#0	-38.83	-13	-25.83	Pass
--	--	--	--	--	--	--	--
5197.5	V	3 MHz	RB1#0	-39.11	-13	-26.11	Pass
15647.09	V	3 MHz	RB1#0	-35.76	-13	-22.76	Pass
--	--	--	--	--	--	--	--

Temperature:	24°C	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
5197.5	H	5 MHz	RB1#0	-37.88	-13	-24.88	Pass
15231.73	H	5 MHz	RB1#0	-35.42	-13	-22.42	Pass
--	--	--	--	--	--	--	--
5197.5	V	5 MHz	RB1#0	-38.43	-13	-25.43	Pass
14288.23	V	5 MHz	RB1#0	-34.68	-13	-21.68	Pass
--	--	--	--	--	--	--	--

Temperature:	24°C	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
5197.5	H	10 MHz	RB1#0	-37.18	-13	-24.18	Pass
15563.49	H	10 MHz	RB1#0	-34.84	-13	-21.84	Pass
--	--	--	--	--	--	--	--
5197.5	V	10 MHz	RB1#0	-38.03	-13	-25.03	Pass
14250.50	V	10 MHz	RB1#0	-35.00	-13	-22.00	Pass
--	--	--	--	--	--	--	--

Temperature:	24°C	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
5197.5	H	15 MHz	RB1#0	-38.93	-13	-25.93	Pass
15577.12	H	15 MHz	RB1#0	-35.08	-13	-22.08	Pass
--	--	--	--	--	--	--	--
5197.5	V	15 MHz	RB1#0	-39.05	-13	-26.05	Pass
14233.96	V	15 MHz	RB1#0	-34.46	-13	-21.46	Pass
--	--	--	--	--	--	--	--

Temperature:	24°C	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
5197.5	H	20 MHz	RB1#0	-38.24	-13	-25.24	Pass
15944.21	H	20 MHz	RB1#0	-35.11	-13	-22.11	Pass
--	--	--	--	--	--	--	--
5197.5	V	20 MHz	RB1#0	-39.41	-13	-26.41	Pass
14979.66	V	20 MHz	RB1#0	-35.47	-13	-22.47	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 °C	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 °C	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
5070.00	H	5 MHz	RB1#0	-46.06	-25	-21.06	Pass
14014.62	H	5 MHz	RB1#0	-35.90	-25	-10.90	Pass
--	--	--	--	--	--	--	--
5070.00	V	5 MHz	RB1#0	-47.33	-25	-22.33	Pass
15896.93	V	5 MHz	RB1#0	-34.63	-25	-9.63	Pass
--	--	--	--	--	--	--	--

Temperature:	24 °C	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
5070.00	H	10 MHz	RB1#0	-46.17	-25	-21.17	Pass
15380.48	H	10 MHz	RB1#0	-34.93	-25	-9.93	Pass
--	--	--	--	--	--	--	--
5070.00	V	10 MHz	RB1#0	-47.69	-25	-22.69	Pass
14724.44	V	10 MHz	RB1#0	-34.39	-25	-9.39	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 BAND7		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
5070.00	H	15 MHz	RB1#0	-47.97	-25	-22.97	Pass
15823.01	H	15 MHz	RB1#0	-34.38	-25	-9.38	Pass
--	--	--	--	--	--	--	--
5070.00	V	15 MHz	RB1#0	-48.17	-25	-23.17	Pass
15016.89	V	15 MHz	RB1#0	-34.10	-25	-9.10	Pass
--	--	--	--	--	--	--	--

Temperature:	24°C	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
5070.00	H	20 MHz	RB1#0	-47.48	-25	-22.48	Pass
14173.75	H	20 MHz	RB1#0	-34.71	-25	-9.71	Pass
--	--	--	--	--	--	--	--
5070.00	V	20 MHz	RB1#0	-48.88	-25	-23.88	Pass
15008.32	V	20 MHz	RB1#0	-35.08	-25	-10.08	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°C	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°C	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	-45.72	-13	-32.72	Pass
15668.19	H	1.4 MHz	RB1#0	-34.74	-13	-21.74	Pass
--	--	--	--	--	--	--	--
2830.00	V	1.4 MHz	RB1#0	-46.79	-13	-33.79	Pass
15952.69	V	1.4 MHz	RB1#0	-34.40	-13	-21.40	Pass
--	--	--	--	--	--	--	--

Temperature:	24°C	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	-45.69	-13	-32.69	Pass
14180.04	H	3 MHz	RB1#0	-46.65	-13	-33.65	Pass
--	--	--	--	--	--	--	--
2830.00	V	3 MHz	RB1#0	-47.05	-13	-34.05	Pass
14101.21	V	3 MHz	RB1#0	-34.20	-13	-21.20	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 BAND12		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
2830.00	H	5 MHz	RB1#0	-45.73	-13	-32.73	Pass
15800.51	H	5 MHz	RB1#0	-35.50	-13	-22.50	Pass
--	--	--	--	--	--	--	--
2830.00	V	5 MHz	RB1#0	-46.77	-13	-33.77	Pass
15824.51	V	5 MHz	RB1#0	-34.26	-13	-21.26	Pass
--	--	--	--	--	--	--	--

Temperature:	24°C	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	-45.66	-13	-32.66	Pass
14437.05	H	10 MHz	RB1#0	-35.19	-13	-22.19	Pass
--	--	--	--	--	--	--	--
2830.00	V	10 MHz	RB1#0	-46.29	-13	-33.29	Pass
14870.64	V	10 MHz	RB1#0	-35.23	-13	-22.23	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°C	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°C	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	-39.18	-13	-26.18	Pass
15995.07	H	5 MHz	RB1#0	-34.23	-13	-21.23	Pass
--	--	--	--	--	--	--	--
2346.00	V	5 MHz	RB1#0	-40.44	-13	-27.44	Pass
15569.26	V	5 MHz	RB1#0	-34.20	-13	-21.20	Pass
--	--	--	--	--	--	--	--

Temperature:	24°C	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	-39.84	-13	-26.84	Pass
14160.12	H	10 MHz	RB1#0	-34.96	-13	-21.96	Pass
--	--	--	--	--	--	--	--
2346.00	V	10 MHz	RB1#0	-40.50	-13	-27.50	Pass
14020.89	V	10 MHz	RB1#0	-35.91	-13	-22.91	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.

For LTE BAND25 link

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

Temperature:	24 °C	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 °C	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	-40.52	-13	-27.52	Pass
15500.98	H	1.4 MHz	RB1#0	-35.32	-13	-22.32	Pass
--	--	--	--	--	--	--	--
5647.50	V	1.4 MHz	RB1#0	-42.22	-13	-29.22	Pass
14886.02	V	1.4 MHz	RB1#0	-34.03	-13	-21.03	Pass
--	--	--	--	--	--	--	--

Temperature:	24 °C	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	-41.13	-13	-28.13	Pass
15794.37	H	3 MHz	RB1#0	-41.92	-13	-28.92	Pass
--	--	--	--	--	--	--	--
5647.50	V	3 MHz	RB1#0	-43.12	-13	-30.12	Pass
14639.23	V	3 MHz	RB1#0	-35.69	-13	-22.69	Pass
--	--	--	--	--	--	--	--

Temperature:	24 °C	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	-40.75	-13	-27.75	Pass
15644.92	H	5 MHz	RB1#0	-34.60	-13	-21.60	Pass
--	--	--	--	--	--	--	--
5647.50	V	5 MHz	RB1#0	-42.47	-13	-29.47	Pass
15499.72	V	5 MHz	RB1#0	-35.84	-13	-22.84	Pass
--	--	--	--	--	--	--	--

Temperature:	24°C	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	-40.58	-13	-27.58	Pass
15644.39	H	10 MHz	RB1#0	-34.45	-13	-21.45	Pass
--	--	--	--	--	--	--	--
5647.50	V	10 MHz	RB1#0	-42.16	-13	-29.16	Pass
14900.90	V	10 MHz	RB1#0	-34.86	-13	-21.86	Pass
--	--	--	--	--	--	--	--

Temperature:	24°C	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	-42.45	-13	-29.45	Pass
15353.49	H	15 MHz	RB1#0	-34.79	-13	-21.79	Pass
--	--	--	--	--	--	--	--
5647.50	V	15 MHz	RB1#0	-43.29	-13	-30.29	Pass
15207.65	V	15 MHz	RB1#0	-34.70	-13	-21.70	Pass
--	--	--	--	--	--	--	--

Temperature:	24°C	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	-42.21	-13	-29.21	Pass
15537.53	H	20 MHz	RB1#0	-35.71	-13	-22.71	Pass
--	--	--	--	--	--	--	--
5647.50	V	20 MHz	RB1#0	-43.32	-13	-30.32	Pass
14399.56	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 BAND26 link

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

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
--	--	--	--	--	--	--	--

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 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
4182.50	H	1.4 MHz	RB1#0	-41.00	-13	-28.00	Pass
14980.61	H	1.4 MHz	RB1#0	-34.95	-13	-21.95	Pass
--	--	--	--	--	--	--	--
4182.50	V	1.4 MHz	RB1#0	-42.13	-13	-29.13	Pass
15589.76	V	1.4 MHz	RB1#0	-34.52	-13	-21.52	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
4182.50	H	3 MHz	RB1#0	-41.38	-13	-28.38	Pass
14641.23	H	3 MHz	RB1#0	-42.17	-13	-29.17	Pass
--	--	--	--	--	--	--	--
4182.50	V	3 MHz	RB1#0	-42.91	-13	-29.91	Pass
14753.21	V	3 MHz	RB1#0	-34.68	-13	-21.68	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
4182.50	H	5 MHz	RB1#0	-41.17	-13	-28.17	Pass
15683.06	H	5 MHz	RB1#0	-35.12	-13	-22.12	Pass
--	--	--	--	--	--	--	--
4182.50	V	5 MHz	RB1#0	-41.94	-13	-28.94	Pass
14734.19	V	5 MHz	RB1#0	-34.43	-13	-21.43	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
4182.50	H	10 MHz	RB1#0	-41.03	-13	-28.03	Pass
15805.71	H	10 MHz	RB1#0	-35.43	-13	-22.43	Pass
--	--	--	--	--	--	--	--
4182.50	V	10 MHz	RB1#0	-41.99	-13	-28.99	Pass
14310.49	V	10 MHz	RB1#0	-35.14	-13	-22.14	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
4182.50	H	15 MHz	RB1#0	-42.48	-13	-29.48	Pass
14692.13	H	15 MHz	RB1#0	-35.42	-13	-22.42	Pass
--	--	--	--	--	--	--	--
4182.50	V	15 MHz	RB1#0	-42.87	-13	-29.87	Pass
14091.49	V	15 MHz	RB1#0	-34.05	-13	-21.05	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 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°C	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	-40.20	-30	-10.20	Pass
15871.39	H	5 MHz	RB1#0	-35.49	-30	-5.49	Pass
--	--	--	--	--	--	--	--
4620.00	V	5 MHz	RB1#0	-41.54	-30	-11.54	Pass
14025.25	V	5 MHz	RB1#0	-35.15	-30	-5.15	Pass
--	--	--	--	--	--	--	--

Temperature:	24°C	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	-40.02	-30	-10.02	Pass
14685.77	H	10 MHz	RB1#0	-35.51	-30	-5.51	Pass
--	--	--	--	--	--	--	--
4620.00	V	10 MHz	RB1#0	-41.13	-30	-11.13	Pass
14792.23	V	10 MHz	RB1#0	-35.88	-30	-5.88	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°C	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°C	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	-41.37	-25	-16.37	Pass
14566.68	H	5 MHz	RB1#0	-34.10	-25	-9.10	Pass
--	--	--	--	--	--	--	--
7779.00	V	5 MHz	RB1#0	-42.39	-25	-17.39	Pass
14459.21	V	5 MHz	RB1#0	-35.40	-25	-10.40	Pass
--	--	--	--	--	--	--	--

Temperature:	24°C	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	-41.19	-25	-16.19	Pass
15521.94	H	10 MHz	RB1#0	-34.84	-25	-9.84	Pass
--	--	--	--	--	--	--	--
7779.00	V	10 MHz	RB1#0	-42.03	-25	-17.03	Pass
15705.06	V	10 MHz	RB1#0	-36.00	-25	-11.00	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 BAND41		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
7779.00	H	15 MHz	RB1#0	-42.02	-25	-17.02	Pass
15769.46	H	15 MHz	RB1#0	-34.91	-25	-9.91	Pass
--	--	--	--	--	--	--	--
7779.00	V	15 MHz	RB1#0	-42.51	-25	-17.51	Pass
14382.75	V	15 MHz	RB1#0	-35.57	-25	-10.57	Pass
--	--	--	--	--	--	--	--

Temperature:	24°C	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	-42.46	-25	-17.46	Pass
15824.30	H	20 MHz	RB1#0	-34.24	-25	-9.24	Pass
--	--	--	--	--	--	--	--
7779.00	V	20 MHz	RB1#0	-43.50	-25	-18.50	Pass
14127.43	V	20 MHz	RB1#0	-35.34	-25	-10.34	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	15.80	0.0092	2.5
				-10	1710.7	12.15	0.0071	2.5
				0	1710.7	13.71	0.0080	2.5
				10	1710.7	14.95	0.0087	2.5
				20	1710.7	14.51	0.0085	2.5
				30	1710.7	12.65	0.0074	2.5
				40	1710.7	14.52	0.0085	2.5
				50	1710.7	13.33	0.0078	2.5
			VL	20	1710.7	15.26	0.0089	2.5
			VH	20	1710.7	13.82	0.0081	2.5
			VN	-20	1732.5	14.94	0.0086	2.5
				-10	1732.5	14.63	0.0084	2.5
				0	1732.5	13.22	0.0076	2.5
				10	1732.5	12.89	0.0074	2.5
				20	1732.5	12.99	0.0075	2.5
				30	1732.5	14.01	0.0081	2.5
				40	1732.5	15.63	0.0090	2.5
				50	1732.5	15.95	0.0092	2.5
			VL	20	1732.5	13.11	0.0076	2.5
			VH	20	1732.5	15.37	0.0089	2.5
			VN	-20	1754.3	12.21	0.0070	2.5
				-10	1754.3	14.31	0.0082	2.5
				0	1754.3	14.23	0.0081	2.5
				10	1754.3	12.46	0.0071	2.5
				20	1754.3	13.12	0.0075	2.5
				30	1754.3	13.06	0.0074	2.5
				40	1754.3	12.46	0.0071	2.5
				50	1754.3	14.37	0.0082	2.5
			VL	20	1754.3	15.82	0.0090	2.5
			VH	20	1754.3	12.07	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 BAND4	QPSK/16-QAM	3MHz	VN	-20	1711.5	13.80	0.0081	2.5			
				-10	1711.5	14.31	0.0084	2.5			
				0	1711.5	12.59	0.0074	2.5			
				10	1711.5	14.88	0.0087	2.5			
				20	1711.5	12.06	0.0070	2.5			
				30	1711.5	14.59	0.0085	2.5			
				40	1711.5	15.77	0.0092	2.5			
				50	1711.5	15.88	0.0093	2.5			
			VL	20	1711.5	14.59	0.0085	2.5			
			VH	20	1711.5	15.69	0.0092	2.5			
			VN	-20	1732.5	14.81	0.0086	2.5			
				-10	1732.5	14.71	0.0085	2.5			
				0	1732.5	12.94	0.0075	2.5			
				10	1732.5	14.01	0.0081	2.5			
				20	1732.5	13.84	0.0080	2.5			
				30	1732.5	12.49	0.0072	2.5			
				40	1732.5	14.58	0.0084	2.5			
				50	1732.5	14.94	0.0086	2.5			
			VL	20	1732.5	13.47	0.0078	2.5			
			VH	20	1732.5	13.76	0.0079	2.5			
			VN	-20	1753.5	13.58	0.0077	2.5			
				-10	1753.5	12.17	0.0069	2.5			
				0	1753.5	15.08	0.0086	2.5			
				10	1753.5	15.34	0.0087	2.5			
				20	1753.5	13.98	0.0080	2.5			
				30	1753.5	12.26	0.0070	2.5			
				40	1753.5	12.32	0.0070	2.5			
				50	1753.5	15.95	0.0091	2.5			
			VL	20	1753.5	12.72	0.0073	2.5			
			VH	20	1753.5	13.85	0.0079	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	15.68	0.0092	2.5			
				-10	1712.5	13.96	0.0082	2.5			
				0	1712.5	12.04	0.0070	2.5			
				10	1712.5	14.77	0.0086	2.5			
				20	1712.5	15.50	0.0091	2.5			
				30	1712.5	12.47	0.0073	2.5			
				40	1712.5	12.15	0.0071	2.5			
				50	1712.5	14.27	0.0083	2.5			
			VL	20	1712.5	14.27	0.0083	2.5			
			VH	20	1712.5	14.58	0.0085	2.5			
			VN	-20	1732.5	12.34	0.0071	2.5			
				-10	1732.5	12.76	0.0074	2.5			
				0	1732.5	15.14	0.0087	2.5			
				10	1732.5	12.48	0.0072	2.5			
				20	1732.5	14.92	0.0086	2.5			
				30	1732.5	14.42	0.0083	2.5			
				40	1732.5	15.32	0.0088	2.5			
				50	1732.5	13.11	0.0076	2.5			
			VL	20	1732.5	12.46	0.0072	2.5			
			VH	20	1732.5	15.28	0.0088	2.5			
			VN	-20	1752.5	14.98	0.0085	2.5			
				-10	1752.5	14.25	0.0081	2.5			
				0	1752.5	12.68	0.0072	2.5			
				10	1752.5	13.27	0.0076	2.5			
				20	1752.5	13.06	0.0075	2.5			
				30	1752.5	14.67	0.0084	2.5			
				40	1752.5	15.49	0.0088	2.5			
				50	1752.5	13.09	0.0075	2.5			
			VL	20	1752.5	12.72	0.0073	2.5			
			VH	20	1752.5	13.63	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	10MHz	VN	-20	1715.0	14.35	0.0084	2.5
				-10	1715.0	12.90	0.0075	2.5
				0	1715.0	14.65	0.0085	2.5
				10	1715.0	14.49	0.0085	2.5
				20	1715.0	12.28	0.0072	2.5
				30	1715.0	12.37	0.0072	2.5
				40	1715.0	12.86	0.0075	2.5
				50	1715.0	15.66	0.0091	2.5
			VL	20	1715.0	14.53	0.0085	2.5
			VH	20	1715.0	14.72	0.0086	2.5
			VN	-20	1732.5	14.99	0.0087	2.5
				-10	1732.5	13.65	0.0079	2.5
				0	1732.5	12.85	0.0074	2.5
				10	1732.5	15.05	0.0087	2.5
				20	1732.5	15.03	0.0087	2.5
				30	1732.5	15.90	0.0092	2.5
				40	1732.5	14.05	0.0081	2.5
				50	1732.5	14.73	0.0085	2.5
			VL	20	1732.5	12.30	0.0071	2.5
			VH	20	1732.5	14.98	0.0086	2.5
			VN	-20	1750.0	12.26	0.0070	2.5
				-10	1750.0	14.96	0.0085	2.5
				0	1750.0	13.44	0.0077	2.5
				10	1750.0	13.54	0.0077	2.5
				20	1750.0	15.67	0.0090	2.5
				30	1750.0	14.90	0.0085	2.5
				40	1750.0	15.68	0.0090	2.5
				50	1750.0	15.57	0.0089	2.5
			VL	20	1750.0	12.93	0.0074	2.5
			VH	20	1750.0	16.00	0.0091	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	13.24	0.0077	2.5			
				-10	1717.5	12.27	0.0071	2.5			
				0	1717.5	14.00	0.0081	2.5			
				10	1717.5	15.00	0.0087	2.5			
				20	1717.5	14.71	0.0086	2.5			
				30	1717.5	15.21	0.0089	2.5			
				40	1717.5	14.78	0.0086	2.5			
				50	1717.5	14.37	0.0084	2.5			
			VL	20	1717.5	14.89	0.0087	2.5			
			VH	20	1717.5	15.24	0.0089	2.5			
			VN	-20	1732.5	14.19	0.0082	2.5			
				-10	1732.5	14.12	0.0081	2.5			
				0	1732.5	12.32	0.0071	2.5			
				10	1732.5	15.07	0.0087	2.5			
				20	1732.5	14.58	0.0084	2.5			
				30	1732.5	13.80	0.0080	2.5			
				40	1732.5	13.96	0.0081	2.5			
				50	1732.5	13.36	0.0077	2.5			
			VL	20	1732.5	12.67	0.0073	2.5			
			VH	20	1732.5	14.48	0.0084	2.5			
			VN	-20	1747.5	13.43	0.0077	2.5			
				-10	1747.5	15.68	0.0090	2.5			
				0	1747.5	15.04	0.0086	2.5			
				10	1747.5	13.85	0.0079	2.5			
				20	1747.5	15.68	0.0090	2.5			
				30	1747.5	14.08	0.0081	2.5			
				40	1747.5	12.22	0.0070	2.5			
				50	1747.5	14.69	0.0084	2.5			
			VL	20	1747.5	12.57	0.0072	2.5			
			VH	20	1747.5	14.28	0.0082	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	15.39	0.0089	2.5
				-10	1720.0	15.61	0.0091	2.5
				0	1720.0	14.12	0.0082	2.5
				10	1720.0	15.63	0.0091	2.5
				20	1720.0	12.13	0.0071	2.5
				30	1720.0	13.33	0.0077	2.5
				40	1720.0	14.66	0.0085	2.5
				50	1720.0	14.91	0.0087	2.5
			VL	20	1720.0	14.12	0.0082	2.5
			VH	20	1720.0	12.82	0.0075	2.5
			VN	-20	1732.5	15.91	0.0092	2.5
				-10	1732.5	12.25	0.0071	2.5
				0	1732.5	13.45	0.0078	2.5
				10	1732.5	14.10	0.0081	2.5
				20	1732.5	13.07	0.0075	2.5
				30	1732.5	15.58	0.0090	2.5
				40	1732.5	13.09	0.0076	2.5
				50	1732.5	14.92	0.0086	2.5
			VL	20	1732.5	12.48	0.0072	2.5
			VH	20	1732.5	13.64	0.0079	2.5
			VN	-20	1745.0	15.85	0.0091	2.5
				-10	1745.0	13.81	0.0079	2.5
				0	1745.0	15.36	0.0088	2.5
				10	1745.0	15.22	0.0087	2.5
				20	1745.0	14.54	0.0083	2.5
				30	1745.0	12.74	0.0073	2.5
				40	1745.0	15.04	0.0086	2.5
				50	1745.0	14.25	0.0082	2.5
			VL	20	1745.0	15.25	0.0087	2.5
			VH	20	1745.0	15.69	0.0090	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	13.50	0.0054	2.5
				-10	2502.5	10.37	0.0041	2.5
				0	2502.5	10.37	0.0041	2.5
				10	2502.5	13.82	0.0055	2.5
				20	2502.5	12.65	0.0051	2.5
				30	2502.5	10.47	0.0042	2.5
				40	2502.5	12.26	0.0049	2.5
				50	2502.5	13.24	0.0053	2.5
			VL	20	2502.5	11.90	0.0048	2.5
			VH	20	2502.5	11.50	0.0046	2.5
			VN	-20	2535	10.49	0.0041	2.5
				-10	2535	12.65	0.0050	2.5
				0	2535	10.36	0.0041	2.5
				10	2535	13.22	0.0052	2.5
				20	2535	12.36	0.0049	2.5
				30	2535	13.98	0.0055	2.5
				40	2535	10.31	0.0041	2.5
				50	2535	13.77	0.0054	2.5
			VL	20	2535	13.34	0.0053	2.5
			VH	20	2535	12.36	0.0049	2.5
			VN	-20	2567.5	10.13	0.0039	2.5
				-10	2567.5	12.31	0.0048	2.5
				0	2567.5	10.67	0.0042	2.5
				10	2567.5	12.66	0.0049	2.5
				20	2567.5	11.64	0.0045	2.5
				30	2567.5	13.32	0.0052	2.5
				40	2567.5	10.42	0.0041	2.5
				50	2567.5	12.11	0.0047	2.5
			VL	20	2567.5	10.72	0.0042	2.5
			VH	20	2567.5	11.02	0.0043	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	12.83	0.0051	2.5			
				-10	2505	12.13	0.0048	2.5			
				0	2505	11.66	0.0047	2.5			
				10	2505	10.97	0.0044	2.5			
				20	2505	10.26	0.0041	2.5			
				30	2505	12.09	0.0048	2.5			
				40	2505	12.03	0.0048	2.5			
				50	2505	11.64	0.0046	2.5			
			VL	20	2505	13.96	0.0056	2.5			
			VH	20	2505	13.18	0.0053	2.5			
			VN	-20	2535	11.97	0.0047	2.5			
				-10	2535	11.15	0.0044	2.5			
				0	2535	10.65	0.0042	2.5			
				10	2535	13.46	0.0053	2.5			
				20	2535	11.26	0.0044	2.5			
				30	2535	10.13	0.0040	2.5			
				40	2535	12.41	0.0049	2.5			
				50	2535	12.87	0.0051	2.5			
			VL	20	2535	12.27	0.0048	2.5			
			VH	20	2535	13.33	0.0053	2.5			
			VN	-20	2565	13.68	0.0053	2.5			
				-10	2565	11.58	0.0045	2.5			
				0	2565	12.03	0.0047	2.5			
				10	2565	12.16	0.0047	2.5			
				20	2565	11.28	0.0044	2.5			
				30	2565	12.09	0.0047	2.5			
				40	2565	13.11	0.0051	2.5			
				50	2565	10.80	0.0042	2.5			
			VL	20	2565	13.30	0.0052	2.5			
			VH	20	2565	10.49	0.0041	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	11.05	0.0044	2.5			
				-10	2507.5	11.01	0.0044	2.5			
				0	2507.5	11.36	0.0045	2.5			
				10	2507.5	12.75	0.0051	2.5			
				20	2507.5	10.44	0.0042	2.5			
				30	2507.5	10.97	0.0044	2.5			
				40	2507.5	12.65	0.0050	2.5			
				50	2507.5	12.37	0.0049	2.5			
			VL	20	2507.5	12.60	0.0050	2.5			
			VH	20	2507.5	10.78	0.0043	2.5			
			VN	-20	2535	11.53	0.0045	2.5			
				-10	2535	13.97	0.0055	2.5			
				0	2535	11.44	0.0045	2.5			
				10	2535	10.80	0.0043	2.5			
				20	2535	12.95	0.0051	2.5			
				30	2535	13.67	0.0054	2.5			
				40	2535	13.74	0.0054	2.5			
				50	2535	11.46	0.0045	2.5			
			VL	20	2535	12.98	0.0051	2.5			
			VH	20	2535	10.40	0.0041	2.5			
			VN	-20	2562.5	10.29	0.0040	2.5			
				-10	2562.5	12.99	0.0051	2.5			
				0	2562.5	10.32	0.0040	2.5			
				10	2562.5	12.86	0.0050	2.5			
				20	2562.5	10.04	0.0039	2.5			
				30	2562.5	11.18	0.0044	2.5			
				40	2562.5	13.27	0.0052	2.5			
				50	2562.5	12.95	0.0051	2.5			
			VL	20	2562.5	11.28	0.0044	2.5			
			VH	20	2562.5	12.24	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 BAND7	QPSK/16-QAM	20MHz	VN	-20	2510	10.48	0.0042	2.5			
				-10	2510	11.05	0.0044	2.5			
				0	2510	13.43	0.0053	2.5			
				10	2510	11.92	0.0047	2.5			
				20	2510	13.13	0.0052	2.5			
				30	2510	12.44	0.0050	2.5			
				40	2510	12.14	0.0048	2.5			
				50	2510	10.10	0.0040	2.5			
			VL	20	2510	11.54	0.0046	2.5			
			VH	20	2510	13.40	0.0053	2.5			
			VN	-20	2535	10.85	0.0043	2.5			
				-10	2535	12.06	0.0048	2.5			
				0	2535	11.40	0.0045	2.5			
				10	2535	12.26	0.0048	2.5			
				20	2535	10.92	0.0043	2.5			
				30	2535	12.61	0.0050	2.5			
				40	2535	10.39	0.0041	2.5			
				50	2535	12.75	0.0050	2.5			
			VL	20	2535	10.58	0.0042	2.5			
			VH	20	2535	12.31	0.0049	2.5			
			VN	-20	2560	13.25	0.0052	2.5			
				-10	2560	11.52	0.0045	2.5			
				0	2560	11.90	0.0046	2.5			
				10	2560	10.36	0.0040	2.5			
				20	2560	13.01	0.0051	2.5			
				30	2560	10.76	0.0042	2.5			
				40	2560	11.15	0.0044	2.5			
				50	2560	12.40	0.0048	2.5			
			VL	20	2560	12.05	0.0047	2.5			
			VH	20	2560	12.65	0.0049	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	10.28	0.0147	2.5			
				-10	699.7	12.99	0.0186	2.5			
				0	699.7	13.52	0.0193	2.5			
				10	699.7	12.64	0.0181	2.5			
				20	699.7	10.04	0.0144	2.5			
				30	699.7	12.02	0.0172	2.5			
				40	699.7	13.35	0.0191	2.5			
				50	699.7	10.07	0.0144	2.5			
			VL	20	699.7	10.99	0.0157	2.5			
			VH	20	699.7	11.28	0.0161	2.5			
			VN	-20	707.5	12.58	0.0178	2.5			
				-10	707.5	11.02	0.0156	2.5			
				0	707.5	12.42	0.0176	2.5			
				10	707.5	11.82	0.0167	2.5			
				20	707.5	13.63	0.0193	2.5			
				30	707.5	10.71	0.0151	2.5			
				40	707.5	11.83	0.0167	2.5			
				50	707.5	12.20	0.0172	2.5			
			VL	20	707.5	12.38	0.0175	2.5			
			VH	20	707.5	14.00	0.0198	2.5			
			VN	-20	715.3	11.71	0.0164	2.5			
				-10	715.3	13.51	0.0189	2.5			
				0	715.3	10.61	0.0148	2.5			
				10	715.3	13.76	0.0192	2.5			
				20	715.3	11.42	0.0160	2.5			
				30	715.3	10.55	0.0147	2.5			
				40	715.3	13.21	0.0185	2.5			
				50	715.3	12.37	0.0173	2.5			
			VL	20	715.3	12.70	0.0178	2.5			
			VH	20	715.3	12.54	0.0175	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	11.19	0.0160	2.5			
				-10	700.5	11.16	0.0159	2.5			
				0	700.5	13.36	0.0191	2.5			
				10	700.5	11.63	0.0166	2.5			
				20	700.5	10.57	0.0151	2.5			
				30	700.5	13.36	0.0191	2.5			
				40	700.5	13.97	0.0199	2.5			
				50	700.5	12.28	0.0175	2.5			
			VL	20	700.5	10.47	0.0150	2.5			
			VH	20	700.5	13.98	0.0200	2.5			
			VN	-20	707.5	13.93	0.0197	2.5			
				-10	707.5	11.22	0.0159	2.5			
				0	707.5	13.76	0.0195	2.5			
				10	707.5	10.43	0.0147	2.5			
				20	707.5	13.28	0.0188	2.5			
				30	707.5	10.16	0.0144	2.5			
				40	707.5	12.43	0.0176	2.5			
				50	707.5	12.66	0.0179	2.5			
			VL	20	707.5	10.21	0.0144	2.5			
			VH	20	707.5	12.40	0.0175	2.5			
			VN	-20	714.5	13.78	0.0193	2.5			
				-10	714.5	12.93	0.0181	2.5			
				0	714.5	12.31	0.0172	2.5			
				10	714.5	11.18	0.0157	2.5			
				20	714.5	12.17	0.0170	2.5			
				30	714.5	12.31	0.0172	2.5			
				40	714.5	12.05	0.0169	2.5			
				50	714.5	13.19	0.0185	2.5			
			VL	20	714.5	13.14	0.0184	2.5			
			VH	20	714.5	11.05	0.0155	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	10.85	0.0155	2.5
				-10	701.5	12.99	0.0185	2.5
				0	701.5	13.01	0.0186	2.5
				10	701.5	10.54	0.0150	2.5
				20	701.5	12.94	0.0184	2.5
				30	701.5	12.81	0.0183	2.5
				40	701.5	13.95	0.0199	2.5
				50	701.5	10.63	0.0152	2.5
			VL	20	701.5	12.36	0.0176	2.5
			VH	20	701.5	10.10	0.0144	2.5
			VN	-20	707.5	11.76	0.0166	2.5
				-10	707.5	11.07	0.0156	2.5
				0	707.5	12.76	0.0180	2.5
				10	707.5	11.54	0.0163	2.5
				20	707.5	10.10	0.0143	2.5
				30	707.5	12.91	0.0183	2.5
				40	707.5	11.44	0.0162	2.5
				50	707.5	11.35	0.0160	2.5
			VL	20	707.5	10.14	0.0143	2.5
			VH	20	707.5	11.53	0.0163	2.5
			VN	-20	713.5	13.65	0.0191	2.5
				-10	713.5	11.71	0.0164	2.5
				0	713.5	13.98	0.0196	2.5
				10	713.5	11.40	0.0160	2.5
				20	713.5	12.37	0.0173	2.5
				30	713.5	12.36	0.0173	2.5
				40	713.5	11.18	0.0157	2.5
				50	713.5	11.76	0.0165	2.5
			VL	20	713.5	10.88	0.0153	2.5
			VH	20	713.5	12.44	0.0174	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	13.50	0.0192	2.5			
				-10	704	11.73	0.0167	2.5			
				0	704	13.93	0.0198	2.5			
				10	704	13.25	0.0188	2.5			
				20	704	11.63	0.0165	2.5			
				30	704	12.57	0.0179	2.5			
				40	704	13.27	0.0189	2.5			
				50	704	12.37	0.0176	2.5			
			VL	20	704	12.47	0.0177	2.5			
			VH	20	704	13.52	0.0192	2.5			
			VN	-20	707.5	11.62	0.0164	2.5			
				-10	707.5	10.45	0.0148	2.5			
				0	707.5	12.87	0.0182	2.5			
				10	707.5	13.20	0.0187	2.5			
				20	707.5	13.32	0.0188	2.5			
				30	707.5	11.17	0.0158	2.5			
				40	707.5	10.37	0.0147	2.5			
				50	707.5	12.87	0.0182	2.5			
			VL	20	707.5	13.95	0.0197	2.5			
			VH	20	707.5	13.64	0.0193	2.5			
			VN	-20	711	11.49	0.0162	2.5			
				-10	711	13.60	0.0191	2.5			
				0	711	13.94	0.0196	2.5			
				10	711	12.62	0.0177	2.5			
				20	711	13.75	0.0193	2.5			
				30	711	11.94	0.0168	2.5			
				40	711	13.24	0.0186	2.5			
				50	711	11.38	0.0160	2.5			
			VL	20	711	10.90	0.0153	2.5			
			VH	20	711	11.83	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 BAND13	QPSK/16-QAM	5MHz	VN	-20	779.5	10.08	0.0129	2.5			
				-10	779.5	13.82	0.0177	2.5			
				0	779.5	11.34	0.0145	2.5			
				10	779.5	13.82	0.0177	2.5			
				20	779.5	12.61	0.0162	2.5			
				30	779.5	10.56	0.0136	2.5			
				40	779.5	10.55	0.0135	2.5			
				50	779.5	12.16	0.0156	2.5			
			VL	20	779.5	10.34	0.0133	2.5			
			VH	20	779.5	12.29	0.0158	2.5			
			VN	-20	782.0	11.93	0.0153	2.5			
				-10	782.0	10.35	0.0132	2.5			
				0	782.0	12.49	0.0160	2.5			
				10	782.0	10.08	0.0129	2.5			
				20	782.0	13.47	0.0172	2.5			
				30	782.0	13.47	0.0172	2.5			
				40	782.0	11.81	0.0151	2.5			
				50	782.0	13.81	0.0177	2.5			
			VL	20	782.0	12.36	0.0158	2.5			
			VH	20	782.0	10.41	0.0133	2.5			
			VN	-20	784.5	12.13	0.0155	2.5			
				-10	784.5	11.11	0.0142	2.5			
				0	784.5	10.99	0.0140	2.5			
				10	784.5	12.84	0.0164	2.5			
				20	784.5	12.71	0.0162	2.5			
				30	784.5	12.00	0.0153	2.5			
				40	784.5	12.08	0.0154	2.5			
				50	784.5	12.42	0.0158	2.5			
			VL	20	784.5	12.09	0.0154	2.5			
			VH	20	784.5	10.91	0.0139	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	11.00	0.0141	2.5
				-10	782.0	10.76	0.0138	2.5
				0	782.0	11.03	0.0141	2.5
				10	782.0	13.31	0.0170	2.5
				20	782.0	10.23	0.0131	2.5
				30	782.0	10.37	0.0133	2.5
				40	782.0	10.96	0.0140	2.5
				50	782.0	13.57	0.0174	2.5
			VL	20	782.0	11.70	0.0150	2.5
			VH	20	782.0	11.81	0.0151	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	15.27	0.0082	2.5			
				-10	1850.7	17.14	0.0093	2.5			
				0	1850.7	15.47	0.0084	2.5			
				10	1850.7	17.89	0.0097	2.5			
				20	1850.7	14.71	0.0079	2.5			
				30	1850.7	16.38	0.0089	2.5			
				40	1850.7	17.28	0.0093	2.5			
				50	1850.7	16.22	0.0088	2.5			
			VL	20	1850.7	15.43	0.0083	2.5			
			VH	20	1850.7	14.51	0.0078	2.5			
			VN	-20	1882.5	14.36	0.0076	2.5			
				-10	1882.5	15.03	0.0080	2.5			
				0	1882.5	14.98	0.0080	2.5			
				10	1882.5	14.97	0.0080	2.5			
				20	1882.5	17.78	0.0094	2.5			
				30	1882.5	16.85	0.0090	2.5			
				40	1882.5	14.41	0.0077	2.5			
				50	1882.5	17.26	0.0092	2.5			
			VL	20	1882.5	15.70	0.0083	2.5			
			VH	20	1882.5	15.62	0.0083	2.5			
			VN	-20	1914.3	16.25	0.0085	2.5			
				-10	1914.3	16.17	0.0084	2.5			
				0	1914.3	15.01	0.0078	2.5			
				10	1914.3	14.13	0.0074	2.5			
				20	1914.3	17.29	0.0090	2.5			
				30	1914.3	17.21	0.0090	2.5			
				40	1914.3	16.96	0.0089	2.5			
				50	1914.3	16.92	0.0088	2.5			
			VL	20	1914.3	17.52	0.0092	2.5			
			VH	20	1914.3	17.26	0.0090	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	14.31	0.0077	2.5			
				-10	1851.5	17.00	0.0092	2.5			
				0	1851.5	16.39	0.0089	2.5			
				10	1851.5	16.92	0.0091	2.5			
				20	1851.5	17.19	0.0093	2.5			
				30	1851.5	16.61	0.0090	2.5			
				40	1851.5	17.18	0.0093	2.5			
				50	1851.5	17.15	0.0093	2.5			
			VL	20	1851.5	16.68	0.0090	2.5			
			VH	20	1851.5	16.48	0.0089	2.5			
			VN	-20	1882.5	15.28	0.0081	2.5			
				-10	1882.5	17.80	0.0095	2.5			
				0	1882.5	16.56	0.0088	2.5			
				10	1882.5	15.55	0.0083	2.5			
				20	1882.5	15.01	0.0080	2.5			
				30	1882.5	14.48	0.0077	2.5			
				40	1882.5	15.87	0.0084	2.5			
				50	1882.5	15.73	0.0084	2.5			
			VL	20	1882.5	16.21	0.0086	2.5			
			VH	20	1882.5	17.40	0.0092	2.5			
			VN	-20	1913.5	14.82	0.0077	2.5			
				-10	1913.5	17.02	0.0089	2.5			
				0	1913.5	17.47	0.0091	2.5			
				10	1913.5	14.83	0.0077	2.5			
				20	1913.5	15.92	0.0083	2.5			
				30	1913.5	16.74	0.0087	2.5			
				40	1913.5	17.51	0.0092	2.5			
				50	1913.5	15.81	0.0083	2.5			
			VL	20	1913.5	14.11	0.0074	2.5			
			VH	20	1913.5	15.93	0.0083	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	15.08	0.0081	2.5			
				-10	1852.5	14.37	0.0078	2.5			
				0	1852.5	15.35	0.0083	2.5			
				10	1852.5	14.45	0.0078	2.5			
				20	1852.5	16.06	0.0087	2.5			
				30	1852.5	14.40	0.0078	2.5			
				40	1852.5	14.39	0.0078	2.5			
				50	1852.5	15.20	0.0082	2.5			
			VL	20	1852.5	17.89	0.0097	2.5			
			VH	20	1852.5	15.01	0.0081	2.5			
			VN	-20	1882.5	16.03	0.0085	2.5			
				-10	1882.5	15.14	0.0080	2.5			
				0	1882.5	14.13	0.0075	2.5			
				10	1882.5	14.21	0.0075	2.5			
				20	1882.5	14.23	0.0076	2.5			
				30	1882.5	15.71	0.0083	2.5			
				40	1882.5	16.71	0.0089	2.5			
				50	1882.5	17.63	0.0094	2.5			
			VL	20	1882.5	17.11	0.0091	2.5			
			VH	20	1882.5	17.10	0.0091	2.5			
			VN	-20	1912.5	15.47	0.0081	2.5			
				-10	1912.5	15.63	0.0082	2.5			
				0	1912.5	15.08	0.0079	2.5			
				10	1912.5	16.95	0.0089	2.5			
				20	1912.5	15.59	0.0082	2.5			
				30	1912.5	17.00	0.0089	2.5			
				40	1912.5	16.15	0.0084	2.5			
				50	1912.5	14.75	0.0077	2.5			
			VL	20	1912.5	17.59	0.0092	2.5			
			VH	20	1912.5	15.18	0.0079	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	15.67	0.0084	2.5
				-10	1855.0	16.50	0.0089	2.5
				0	1855.0	14.92	0.0080	2.5
				10	1855.0	15.42	0.0083	2.5
				20	1855.0	15.49	0.0084	2.5
				30	1855.0	17.51	0.0094	2.5
				40	1855.0	15.17	0.0082	2.5
				50	1855.0	16.73	0.0090	2.5
			VL	20	1855.0	14.74	0.0079	2.5
			VH	20	1855.0	14.87	0.0080	2.5
			VN	-20	1882.5	15.88	0.0084	2.5
				-10	1882.5	15.03	0.0080	2.5
				0	1882.5	15.22	0.0081	2.5
				10	1882.5	15.26	0.0081	2.5
				20	1882.5	17.81	0.0095	2.5
				30	1882.5	17.27	0.0092	2.5
				40	1882.5	15.98	0.0085	2.5
				50	1882.5	17.20	0.0091	2.5
			VL	20	1882.5	15.29	0.0081	2.5
			VH	20	1882.5	16.10	0.0086	2.5
			VN	-20	1910.0	15.77	0.0083	2.5
				-10	1910.0	17.49	0.0092	2.5
				0	1910.0	17.75	0.0093	2.5
				10	1910.0	17.72	0.0093	2.5
				20	1910.0	16.43	0.0086	2.5
				30	1910.0	14.58	0.0076	2.5
				40	1910.0	16.44	0.0086	2.5
				50	1910.0	17.50	0.0092	2.5
			VL	20	1910.0	17.40	0.0091	2.5
			VH	20	1910.0	17.30	0.0091	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	15.72	0.0085	2.5			
				-10	1857.5	16.56	0.0089	2.5			
				0	1857.5	17.36	0.0093	2.5			
				10	1857.5	14.42	0.0078	2.5			
				20	1857.5	15.34	0.0083	2.5			
				30	1857.5	17.65	0.0095	2.5			
				40	1857.5	14.84	0.0080	2.5			
				50	1857.5	16.55	0.0089	2.5			
			VL	20	1857.5	16.49	0.0089	2.5			
			VH	20	1857.5	16.66	0.0090	2.5			
			VN	-20	1882.5	16.47	0.0087	2.5			
				-10	1882.5	16.03	0.0085	2.5			
				0	1882.5	17.88	0.0095	2.5			
				10	1882.5	16.09	0.0085	2.5			
				20	1882.5	14.81	0.0079	2.5			
				30	1882.5	16.29	0.0087	2.5			
				40	1882.5	14.09	0.0075	2.5			
				50	1882.5	14.79	0.0079	2.5			
			VL	20	1882.5	15.11	0.0080	2.5			
			VH	20	1882.5	15.82	0.0084	2.5			
			VN	-20	1907.5	14.78	0.0078	2.5			
				-10	1907.5	15.17	0.0080	2.5			
				0	1907.5	16.57	0.0087	2.5			
				10	1907.5	17.48	0.0092	2.5			
				20	1907.5	14.47	0.0076	2.5			
				30	1907.5	14.52	0.0076	2.5			
				40	1907.5	17.54	0.0092	2.5			
				50	1907.5	14.41	0.0076	2.5			
			VL	20	1907.5	16.41	0.0086	2.5			
			VH	20	1907.5	14.73	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 BAND25	QPSK/16-QAM	20MHz	VN	-20	1860.0	14.70	0.0079	2.5
				-10	1860.0	17.55	0.0094	2.5
				0	1860.0	14.42	0.0078	2.5
				10	1860.0	17.26	0.0093	2.5
				20	1860.0	17.05	0.0092	2.5
				30	1860.0	17.09	0.0092	2.5
				40	1860.0	16.18	0.0087	2.5
				50	1860.0	17.40	0.0094	2.5
			VL	20	1860.0	14.85	0.0080	2.5
			VH	20	1860.0	14.34	0.0077	2.5
			VN	-20	1882.5	16.16	0.0086	2.5
				-10	1882.5	15.63	0.0083	2.5
				0	1882.5	16.51	0.0088	2.5
				10	1882.5	14.67	0.0078	2.5
				20	1882.5	14.54	0.0077	2.5
				30	1882.5	15.36	0.0082	2.5
				40	1882.5	15.16	0.0081	2.5
				50	1882.5	15.12	0.0080	2.5
			VL	20	1882.5	17.84	0.0095	2.5
			VH	20	1882.5	17.84	0.0095	2.5
			VN	-20	1905.0	16.80	0.0088	2.5
				-10	1905.0	15.70	0.0082	2.5
				0	1905.0	14.02	0.0074	2.5
				10	1905.0	14.78	0.0078	2.5
				20	1905.0	14.80	0.0078	2.5
				30	1905.0	15.06	0.0079	2.5
				40	1905.0	16.06	0.0084	2.5
				50	1905.0	15.80	0.0083	2.5
			VL	20	1905.0	16.20	0.0085	2.5
			VH	20	1905.0	16.76	0.0088	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	13.16	0.0160	2.5			
				-10	824.7	12.67	0.0154	2.5			
				0	824.7	12.27	0.0149	2.5			
				10	824.7	15.61	0.0189	2.5			
				20	824.7	13.44	0.0163	2.5			
				30	824.7	13.09	0.0159	2.5			
				40	824.7	15.90	0.0193	2.5			
				50	824.7	13.56	0.0164	2.5			
			VL	20	824.7	15.22	0.0185	2.5			
			VH	20	824.7	14.53	0.0176	2.5			
			VN	-20	836.5	14.79	0.0177	2.5			
				-10	836.5	13.46	0.0161	2.5			
				0	836.5	14.04	0.0168	2.5			
				10	836.5	15.27	0.0183	2.5			
				20	836.5	15.11	0.0181	2.5			
				30	836.5	14.30	0.0171	2.5			
				40	836.5	14.29	0.0171	2.5			
				50	836.5	12.52	0.0150	2.5			
			VL	20	836.5	15.39	0.0184	2.5			
			VH	20	836.5	13.38	0.0160	2.5			
			VN	-20	848.3	14.81	0.0175	2.5			
				-10	848.3	15.72	0.0185	2.5			
				0	848.3	12.08	0.0142	2.5			
				10	848.3	13.20	0.0156	2.5			
				20	848.3	12.67	0.0149	2.5			
				30	848.3	14.77	0.0174	2.5			
				40	848.3	15.98	0.0188	2.5			
				50	848.3	12.97	0.0153	2.5			
			VL	20	848.3	12.25	0.0144	2.5			
			VH	20	848.3	15.63	0.0184	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	12.95	0.0157	2.5			
				-10	825.5	13.47	0.0163	2.5			
				0	825.5	15.62	0.0189	2.5			
				10	825.5	12.11	0.0147	2.5			
				20	825.5	14.45	0.0175	2.5			
				30	825.5	14.61	0.0177	2.5			
				40	825.5	13.90	0.0168	2.5			
				50	825.5	15.95	0.0193	2.5			
			VL	20	825.5	12.46	0.0151	2.5			
			VH	20	825.5	12.68	0.0154	2.5			
			VN	-20	836.5	15.02	0.0180	2.5			
				-10	836.5	13.45	0.0161	2.5			
				0	836.5	12.85	0.0154	2.5			
				10	836.5	14.15	0.0169	2.5			
				20	836.5	13.76	0.0164	2.5			
				30	836.5	14.46	0.0173	2.5			
				40	836.5	14.95	0.0179	2.5			
				50	836.5	12.26	0.0147	2.5			
			VL	20	836.5	13.55	0.0162	2.5			
			VH	20	836.5	12.02	0.0144	2.5			
			VN	-20	847.5	14.74	0.0174	2.5			
				-10	847.5	14.39	0.0170	2.5			
				0	847.5	14.40	0.0170	2.5			
				10	847.5	13.56	0.0160	2.5			
				20	847.5	14.85	0.0175	2.5			
				30	847.5	12.34	0.0146	2.5			
				40	847.5	14.82	0.0175	2.5			
				50	847.5	13.43	0.0159	2.5			
			VL	20	847.5	14.85	0.0175	2.5			
			VH	20	847.5	12.91	0.0152	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	12.35	0.0149	2.5
				-10	826.5	13.37	0.0162	2.5
				0	826.5	12.26	0.0148	2.5
				10	826.5	14.79	0.0179	2.5
				20	826.5	15.09	0.0183	2.5
				30	826.5	14.81	0.0179	2.5
				40	826.5	13.90	0.0168	2.5
				50	826.5	15.52	0.0188	2.5
			VL	20	826.5	14.77	0.0179	2.5
			VH	20	826.5	13.71	0.0166	2.5
			VN	-20	836.5	13.43	0.0161	2.5
				-10	836.5	13.64	0.0163	2.5
				0	836.5	15.52	0.0186	2.5
				10	836.5	14.86	0.0178	2.5
				20	836.5	15.62	0.0187	2.5
				30	836.5	12.63	0.0151	2.5
				40	836.5	15.65	0.0187	2.5
				50	836.5	14.05	0.0168	2.5
			VL	20	836.5	12.83	0.0153	2.5
			VH	20	836.5	13.23	0.0158	2.5
			VN	-20	846.5	13.66	0.0161	2.5
				-10	846.5	14.87	0.0176	2.5
				0	846.5	12.56	0.0148	2.5
				10	846.5	15.31	0.0181	2.5
				20	846.5	14.81	0.0175	2.5
				30	846.5	15.80	0.0187	2.5
				40	846.5	13.19	0.0156	2.5
				50	846.5	12.05	0.0142	2.5
			VL	20	846.5	14.36	0.0170	2.5
			VH	20	846.5	14.51	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	10MHz	VN	-20	829	13.04	0.0157	2.5			
				-10	829	15.82	0.0191	2.5			
				0	829	15.83	0.0191	2.5			
				10	829	15.70	0.0189	2.5			
				20	829	13.66	0.0165	2.5			
				30	829	13.30	0.0160	2.5			
				40	829	14.67	0.0177	2.5			
				50	829	15.29	0.0184	2.5			
			VL	20	829	14.15	0.0171	2.5			
			VH	20	829	12.35	0.0149	2.5			
			VN	-20	836.5	15.51	0.0185	2.5			
				-10	836.5	13.45	0.0161	2.5			
				0	836.5	12.57	0.0150	2.5			
				10	836.5	14.00	0.0167	2.5			
				20	836.5	14.83	0.0177	2.5			
				30	836.5	14.48	0.0173	2.5			
				40	836.5	13.93	0.0167	2.5			
				50	836.5	12.24	0.0146	2.5			
			VL	20	836.5	12.49	0.0149	2.5			
			VH	20	836.5	14.89	0.0178	2.5			
			VN	-20	844	15.51	0.0184	2.5			
				-10	844	14.06	0.0167	2.5			
				0	844	14.69	0.0174	2.5			
				10	844	12.21	0.0145	2.5			
				20	844	15.19	0.0180	2.5			
				30	844	15.28	0.0181	2.5			
				40	844	13.42	0.0159	2.5			
				50	844	15.03	0.0178	2.5			
			VL	20	844	12.70	0.0151	2.5			
			VH	20	844	12.08	0.0143	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	15.72	0.0189	2.5
				-10	831.5	12.14	0.0146	2.5
				0	831.5	14.43	0.0174	2.5
				10	831.5	14.06	0.0169	2.5
				20	831.5	15.64	0.0188	2.5
				30	831.5	12.32	0.0148	2.5
				40	831.5	12.07	0.0145	2.5
				50	831.5	14.37	0.0173	2.5
			VL	20	831.5	13.97	0.0168	2.5
			VH	20	831.5	15.27	0.0184	2.5
			VN	-20	836.5	12.15	0.0145	2.5
				-10	836.5	13.71	0.0164	2.5
				0	836.5	12.98	0.0155	2.5
				10	836.5	14.95	0.0179	2.5
				20	836.5	15.69	0.0188	2.5
				30	836.5	15.43	0.0184	2.5
				40	836.5	15.77	0.0189	2.5
				50	836.5	12.16	0.0145	2.5
			VL	20	836.5	13.18	0.0158	2.5
			VH	20	836.5	15.26	0.0182	2.5
			VN	-20	841.5	12.71	0.0151	2.5
				-10	841.5	14.07	0.0167	2.5
				0	841.5	14.44	0.0172	2.5
				10	841.5	14.21	0.0169	2.5
				20	841.5	15.29	0.0182	2.5
				30	841.5	14.55	0.0173	2.5
				40	841.5	12.56	0.0149	2.5
				50	841.5	12.73	0.0151	2.5
			VL	20	841.5	14.98	0.0178	2.5
			VH	20	841.5	14.54	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 BAND30	QPSK/16-QAM	5MHz	VN	-20	2307.5	14.66	0.0064	2.5			
				-10	2307.5	15.60	0.0068	2.5			
				0	2307.5	14.93	0.0065	2.5			
				10	2307.5	12.22	0.0053	2.5			
				20	2307.5	13.58	0.0059	2.5			
				30	2307.5	13.89	0.0060	2.5			
				40	2307.5	14.05	0.0061	2.5			
				50	2307.5	13.67	0.0059	2.5			
			VL	20	2307.5	12.34	0.0053	2.5			
			VH	20	2307.5	13.11	0.0057	2.5			
			VN	-20	2310	12.98	0.0056	2.5			
				-10	2310	13.14	0.0057	2.5			
				0	2310	12.02	0.0052	2.5			
				10	2310	13.07	0.0057	2.5			
				20	2310	12.92	0.0056	2.5			
				30	2310	12.17	0.0053	2.5			
				40	2310	14.41	0.0062	2.5			
				50	2310	14.76	0.0064	2.5			
			VL	20	2310	13.19	0.0057	2.5			
			VH	20	2310	15.06	0.0065	2.5			
			VN	-20	2312.5	13.23	0.0057	2.5			
				-10	2312.5	13.67	0.0059	2.5			
				0	2312.5	13.97	0.0060	2.5			
				10	2312.5	15.39	0.0067	2.5			
				20	2312.5	12.20	0.0053	2.5			
				30	2312.5	15.54	0.0067	2.5			
				40	2312.5	15.62	0.0068	2.5			
				50	2312.5	12.75	0.0055	2.5			
			VL	20	2312.5	14.55	0.0063	2.5			
			VH	20	2312.5	15.08	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 BAND30	QPSK/16-QAM	10MHz	VN	-20	2310	15.73	0.0068	2.5
				-10	2310	14.81	0.0064	2.5
				0	2310	13.77	0.0060	2.5
				10	2310	14.36	0.0062	2.5
				20	2310	13.77	0.0060	2.5
				30	2310	13.01	0.0056	2.5
				40	2310	15.52	0.0067	2.5
				50	2310	12.57	0.0054	2.5
			VL	20	2310	14.27	0.0062	2.5
			VH	20	2310	13.39	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 BAND41	QPSK/16-QAM	5MHz	VN	-20	2498.5	18.98	0.0076	2.5
				-10	2498.5	16.15	0.0065	2.5
				0	2498.5	16.87	0.0068	2.5
				10	2498.5	17.27	0.0069	2.5
				20	2498.5	19.05	0.0076	2.5
				30	2498.5	18.95	0.0076	2.5
				40	2498.5	17.12	0.0069	2.5
				50	2498.5	19.61	0.0078	2.5
			VL	20	2498.5	18.94	0.0076	2.5
			VH	20	2498.5	17.95	0.0072	2.5
			VN	-20	2593	16.67	0.0064	2.5
				-10	2593	16.88	0.0065	2.5
				0	2593	18.75	0.0072	2.5
				10	2593	19.28	0.0074	2.5
				20	2593	17.93	0.0069	2.5
				30	2593	16.43	0.0063	2.5
				40	2593	19.55	0.0075	2.5
				50	2593	19.35	0.0075	2.5
			VL	20	2593	19.95	0.0077	2.5
			VH	20	2593	16.61	0.0064	2.5
			VN	-20	2687.5	17.98	0.0067	2.5
				-10	2687.5	18.80	0.0070	2.5
				0	2687.5	19.26	0.0072	2.5
				10	2687.5	17.00	0.0063	2.5
				20	2687.5	16.85	0.0063	2.5
				30	2687.5	16.65	0.0062	2.5
				40	2687.5	16.95	0.0063	2.5
				50	2687.5	16.96	0.0063	2.5
			VL	20	2687.5	19.68	0.0073	2.5
			VH	20	2687.5	18.67	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	10MHz	VN	-20	2501	17.66	0.0071	2.5			
				-10	2501	17.21	0.0069	2.5			
				0	2501	18.42	0.0074	2.5			
				10	2501	17.40	0.0070	2.5			
				20	2501	18.57	0.0074	2.5			
				30	2501	16.17	0.0065	2.5			
				40	2501	16.46	0.0066	2.5			
				50	2501	17.33	0.0069	2.5			
			VL	20	2501	18.34	0.0073	2.5			
			VH	20	2501	17.34	0.0069	2.5			
			VN	-20	2593	18.83	0.0073	2.5			
				-10	2593	17.59	0.0068	2.5			
				0	2593	19.53	0.0075	2.5			
				10	2593	18.81	0.0073	2.5			
				20	2593	17.70	0.0068	2.5			
				30	2593	17.93	0.0069	2.5			
				40	2593	18.24	0.0070	2.5			
				50	2593	19.29	0.0074	2.5			
			VL	20	2593	16.87	0.0065	2.5			
			VH	20	2593	17.53	0.0068	2.5			
			VN	-20	2685	19.44	0.0072	2.5			
				-10	2685	17.34	0.0065	2.5			
				0	2685	17.81	0.0066	2.5			
				10	2685	16.68	0.0062	2.5			
				20	2685	19.17	0.0071	2.5			
				30	2685	18.96	0.0071	2.5			
				40	2685	18.23	0.0068	2.5			
				50	2685	19.28	0.0072	2.5			
			VL	20	2685	19.97	0.0074	2.5			
			VH	20	2685	18.88	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 BAND41	QPSK/16-QAM	15MHz	VN	-20	2503.5	17.16	0.0069	2.5
				-10	2503.5	16.24	0.0065	2.5
				0	2503.5	16.55	0.0066	2.5
				10	2503.5	18.59	0.0074	2.5
				20	2503.5	17.01	0.0068	2.5
				30	2503.5	18.40	0.0073	2.5
				40	2503.5	18.64	0.0074	2.5
				50	2503.5	16.56	0.0066	2.5
			VL	20	2503.5	19.41	0.0078	2.5
			VH	20	2503.5	19.58	0.0078	2.5
			VN	-20	2593	16.70	0.0064	2.5
				-10	2593	16.70	0.0064	2.5
				0	2593	19.18	0.0074	2.5
				10	2593	17.75	0.0068	2.5
				20	2593	17.62	0.0068	2.5
				30	2593	16.69	0.0064	2.5
				40	2593	18.52	0.0071	2.5
				50	2593	18.20	0.0070	2.5
			VL	20	2593	18.10	0.0070	2.5
			VH	20	2593	19.15	0.0074	2.5
			VN	-20	2682.5	17.50	0.0065	2.5
				-10	2682.5	17.87	0.0067	2.5
				0	2682.5	16.46	0.0061	2.5
				10	2682.5	16.09	0.0060	2.5
				20	2682.5	17.68	0.0066	2.5
				30	2682.5	17.37	0.0065	2.5
				40	2682.5	19.49	0.0073	2.5
				50	2682.5	18.74	0.0070	2.5
			VL	20	2682.5	16.37	0.0061	2.5
			VH	20	2682.5	16.62	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 BAND41	QPSK/16-QAM	20MHz	VN	-20	2506	18.01	0.0072	2.5
				-10	2506	16.02	0.0064	2.5
				0	2506	16.14	0.0064	2.5
				10	2506	18.02	0.0072	2.5
				20	2506	16.56	0.0066	2.5
				30	2506	16.79	0.0067	2.5
				40	2506	17.53	0.0070	2.5
				50	2506	19.41	0.0077	2.5
			VL	20	2506	16.97	0.0068	2.5
			VH	20	2506	18.83	0.0075	2.5
			VN	-20	2593	17.27	0.0067	2.5
				-10	2593	19.83	0.0076	2.5
				0	2593	17.93	0.0069	2.5
				10	2593	18.78	0.0072	2.5
				20	2593	19.56	0.0075	2.5
				30	2593	16.55	0.0064	2.5
				40	2593	18.43	0.0071	2.5
				50	2593	19.84	0.0077	2.5
			VL	20	2593	18.64	0.0072	2.5
			VH	20	2593	19.29	0.0074	2.5
			VN	-20	2680	18.22	0.0068	2.5
				-10	2680	19.46	0.0073	2.5
				0	2680	18.11	0.0068	2.5
				10	2680	19.70	0.0074	2.5
				20	2680	17.56	0.0066	2.5
				30	2680	17.69	0.0066	2.5
				40	2680	19.11	0.0071	2.5
				50	2680	16.03	0.0060	2.5
			VL	20	2680	19.38	0.0072	2.5
			VH	20	2680	15.65	0.0058	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	4.69	<=13	Pass
	QPSK	1.4MHz	High	RB1#0	4.94	<=13	Pass
	16-QAM	1.4MHz	Low	RB1#0	5.59	<=13	Pass
	16-QAM	1.4MHz	Middle	RB1#0	5.52	<=13	Pass
	16-QAM	1.4MHz	High	RB1#0	6.14	<=13	Pass
LTE Babd4	QPSK	3MHz	Low	RB1#0	4.89	<=13	Pass
	QPSK	3MHz	Middle	RB1#0	4.51	<=13	Pass
	QPSK	3MHz	High	RB1#0	4.74	<=13	Pass
	16-QAM	3MHz	Low	RB1#0	5.54	<=13	Pass
	16-QAM	3MHz	Middle	RB1#0	5.43	<=13	Pass
	16-QAM	3MHz	High	RB1#0	6.13	<=13	Pass
LTE Babd4	QPSK	5MHz	Low	RB1#0	4.82	<=13	Pass
	QPSK	5MHz	Middle	RB1#0	4.60	<=13	Pass
	QPSK	5MHz	High	RB1#0	4.96	<=13	Pass
	16-QAM	5MHz	Low	RB1#0	5.57	<=13	Pass
	16-QAM	5MHz	Middle	RB1#0	5.39	<=13	Pass
	16-QAM	5MHz	High	RB1#0	6.34	<=13	Pass
LTE Babd4	QPSK	10MHz	Low	RB1#0	4.70	<=13	Pass
	QPSK	10MHz	Middle	RB1#0	4.79	<=13	Pass
	QPSK	10MHz	High	RB1#0	5.12	<=13	Pass
	16-QAM	10MHz	Low	RB1#0	5.79	<=13	Pass
	16-QAM	10MHz	Middle	RB1#0	5.47	<=13	Pass
	16-QAM	10MHz	High	RB1#0	6.10	<=13	Pass
TE Babd4	QPSK	15MHz	Low	RB1#0	4.89	<=13	Pass
	QPSK	15MHz	Middle	RB1#0	4.04	<=13	Pass
	QPSK	15MHz	High	RB1#0	4.50	<=13	Pass
	16-QAM	15MHz	Low	RB1#0	5.50	<=13	Pass
	16-QAM	15MHz	Middle	RB1#0	5.24	<=13	Pass
	16-QAM	15MHz	High	RB1#0	5.28	<=13	Pass
TE Babd4	QPSK	20MHz	Low	RB1#0	4.67	<=13	Pass
	QPSK	20MHz	Middle	RB1#0	4.54	<=13	Pass
	QPSK	20MHz	High	RB1#0	4.02	<=13	Pass
	16-QAM	20MHz	Low	RB1#0	6.23	<=13	Pass
	16-QAM	20MHz	Middle	RB1#0	5.36	<=13	Pass
	16-QAM	20MHz	High	RB1#0	4.98	<=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	4.64	<=13	Pass
	QPSK	5MHz	Middle	RB1#0	4.63	<=13	Pass
	QPSK	5MHz	High	RB1#0	4.88	<=13	Pass
	16-QAM	5MHz	Low	RB1#0	5.65	<=13	Pass
	16-QAM	5MHz	Middle	RB1#0	5.35	<=13	Pass
	16-QAM	5MHz	High	RB1#0	6.16	<=13	Pass
LTE Babd7	QPSK	10MHz	Low	RB1#0	4.75	<=13	Pass
	QPSK	10MHz	Middle	RB1#0	4.81	<=13	Pass
	QPSK	10MHz	High	RB1#0	4.98	<=13	Pass
	16-QAM	10MHz	Low	RB1#0	5.58	<=13	Pass
	16-QAM	10MHz	Middle	RB1#0	5.18	<=13	Pass
	16-QAM	10MHz	High	RB1#0	6.16	<=13	Pass
TE Babd7	QPSK	15MHz	Low	RB1#0	4.61	<=13	Pass
	QPSK	15MHz	Middle	RB1#0	4.75	<=13	Pass
	QPSK	15MHz	High	RB1#0	4.99	<=13	Pass
	16-QAM	15MHz	Low	RB1#0	5.54	<=13	Pass
	16-QAM	15MHz	Middle	RB1#0	5.43	<=13	Pass
	16-QAM	15MHz	High	RB1#0	6.19	<=13	Pass
TE Babd7	QPSK	20MHz	Low	RB1#0	4.78	<=13	Pass
	QPSK	20MHz	Middle	RB1#0	4.51	<=13	Pass
	QPSK	20MHz	High	RB1#0	4.96	<=13	Pass
	16-QAM	20MHz	Low	RB1#0	5.64	<=13	Pass
	16-QAM	20MHz	Middle	RB1#0	5.28	<=13	Pass
	16-QAM	20MHz	High	RB1#0	5.95	<=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	4.88	<=13	Pass
	QPSK	1.4MHz	Middle	RB1#0	4.59	<=13	Pass
	QPSK	1.4MHz	High	RB1#0	4.89	<=13	Pass
	16-QAM	1.4MHz	Low	RB1#0	5.65	<=13	Pass
	16-QAM	1.4MHz	Middle	RB1#0	5.54	<=13	Pass
	16-QAM	1.4MHz	High	RB1#0	6.10	<=13	Pass
LTE Babd25	QPSK	3MHz	Low	RB1#0	4.74	<=13	Pass
	QPSK	3MHz	Middle	RB1#0	4.79	<=13	Pass
	QPSK	3MHz	High	RB1#0	5.04	<=13	Pass
	16-QAM	3MHz	Low	RB1#0	5.66	<=13	Pass
	16-QAM	3MHz	Middle	RB1#0	5.19	<=13	Pass
	16-QAM	3MHz	High	RB1#0	6.18	<=13	Pass
LTE Babd25	QPSK	5MHz	Low	RB1#0	4.64	<=13	Pass
	QPSK	5MHz	Middle	RB1#0	4.83	<=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	5.34	<=13	Pass
	16-QAM	5MHz	High	RB1#0	6.06	<=13	Pass
LTE Babd25	QPSK	10MHz	Low	RB1#0	4.66	<=13	Pass
	QPSK	10MHz	Middle	RB1#0	4.84	<=13	Pass
	QPSK	10MHz	High	RB1#0	5.07	<=13	Pass
	16-QAM	10MHz	Low	RB1#0	5.68	<=13	Pass
	16-QAM	10MHz	Middle	RB1#0	5.34	<=13	Pass
	16-QAM	10MHz	High	RB1#0	6.03	<=13	Pass
TE Babd25	QPSK	15MHz	Low	RB1#0	4.99	<=13	Pass
	QPSK	15MHz	Middle	RB1#0	4.23	<=13	Pass
	QPSK	15MHz	High	RB1#0	4.15	<=13	Pass
	16-QAM	15MHz	Low	RB1#0	5.68	<=13	Pass
	16-QAM	15MHz	Middle	RB1#0	5.27	<=13	Pass
	16-QAM	15MHz	High	RB1#0	4.83	<=13	Pass
TE Babd25	QPSK	20MHz	Low	RB1#0	4.66	<=13	Pass
	QPSK	20MHz	Middle	RB1#0	4.50	<=13	Pass
	QPSK	20MHz	High	RB1#0	3.98	<=13	Pass
	16-QAM	20MHz	Low	RB1#0	6.03	<=13	Pass
	16-QAM	20MHz	Middle	RB1#0	5.58	<=13	Pass
	16-QAM	20MHz	High	RB1#0	5.11	<=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	4.63	<=13	Pass
	QPSK	5MHz	Middle	RB1#0	4.85	<=13	Pass
	QPSK	5MHz	High	RB1#0	4.91	<=13	Pass
	16-QAM	5MHz	Low	RB1#0	5.53	<=13	Pass
	16-QAM	5MHz	Middle	RB1#0	5.47	<=13	Pass
	16-QAM	5MHz	High	RB1#0	6.18	<=13	Pass
LTE Babd30	QPSK	10MHz	Low	RB1#0	4.67	<=13	Pass
	QPSK	10MHz	Middle	RB1#0	4.65	<=13	Pass
	QPSK	10MHz	High	RB1#0	5.11	<=13	Pass
	16-QAM	10MHz	Low	RB1#0	/	<=13	Pass
	16-QAM	10MHz	Middle	RB1#0	5.43	<=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	4.75	<=13	Pass
	QPSK	5MHz	Middle	RB1#0	4.77	<=13	Pass
	QPSK	5MHz	High	RB1#0	5.02	<=13	Pass
	16-QAM	5MHz	Low	RB1#0	5.59	<=13	Pass
	16-QAM	5MHz	Middle	RB1#0	5.44	<=13	Pass
	16-QAM	5MHz	High	RB1#0	5.99	<=13	Pass
LTE Babd41	QPSK	10MHz	Low	RB1#0	4.70	<=13	Pass
	QPSK	10MHz	Middle	RB1#0	4.65	<=13	Pass
	QPSK	10MHz	High	RB1#0	5.12	<=13	Pass
	16-QAM	10MHz	Low	RB1#0	5.50	<=13	Pass
	16-QAM	10MHz	Middle	RB1#0	5.43	<=13	Pass
	16-QAM	10MHz	High	RB1#0	6.18	<=13	Pass
TE Babd41	QPSK	15MHz	Low	RB1#0	4.68	<=13	Pass
	QPSK	15MHz	Middle	RB1#0	4.38	<=13	Pass
	QPSK	15MHz	High	RB1#0	4.99	<=13	Pass
	16-QAM	15MHz	Low	RB1#0	5.82	<=13	Pass
	16-QAM	15MHz	Middle	RB1#0	5.46	<=13	Pass
	16-QAM	15MHz	High	RB1#0	5.96	<=13	Pass
TE Babd41	QPSK	20MHz	Low	RB1#0	4.80	<=13	Pass
	QPSK	20MHz	Middle	RB1#0	4.78	<=13	Pass
	QPSK	20MHz	High	RB1#0	4.96	<=13	Pass
	16-QAM	20MHz	Low	RB1#0	5.74	<=13	Pass
	16-QAM	20MHz	Middle	RB1#0	5.53	<=13	Pass
	16-QAM	20MHz	High	RB1#0	6.21	<=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