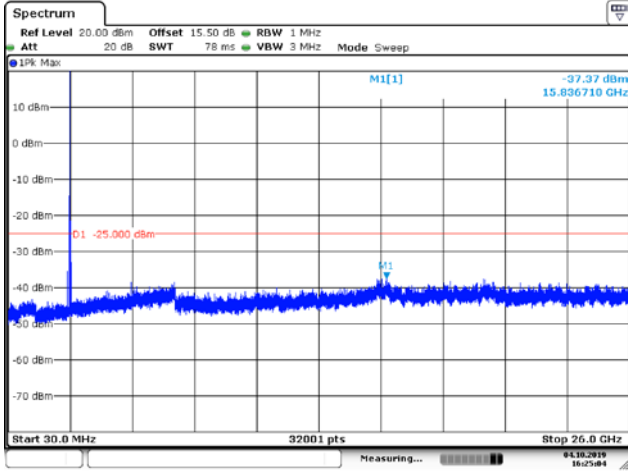


LTE Band41: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

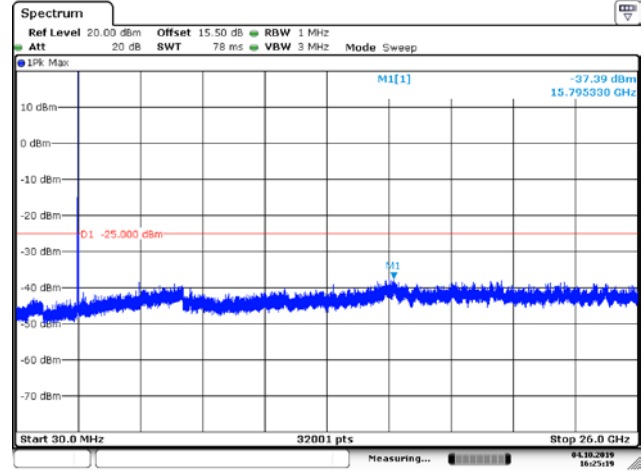
Test BW: 20MHz - Middle Channel - RB1#0

QPSK

16QAM



Date: 4 OCT 2019 16:25:04

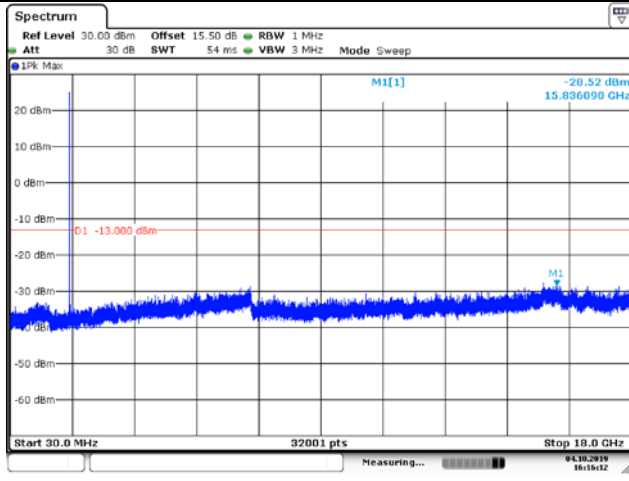


Date: 4 OCT 2019 16:25:19

LTE Band66: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

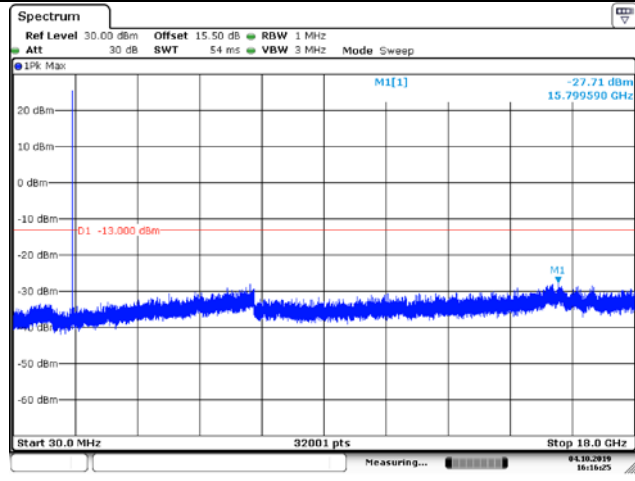
Test BW: 1.4MHz – Middle Channel - RB1#0

QPSK



Date: 4 OCT 2019 16:16:12

16QAM

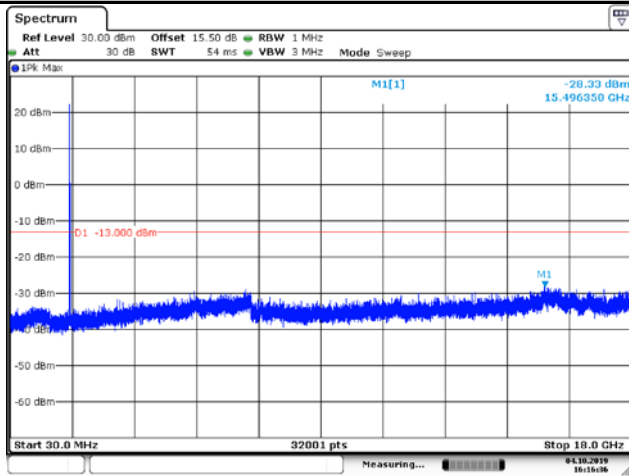


Date: 4 OCT 2019 16:16:24

LTE Band66: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

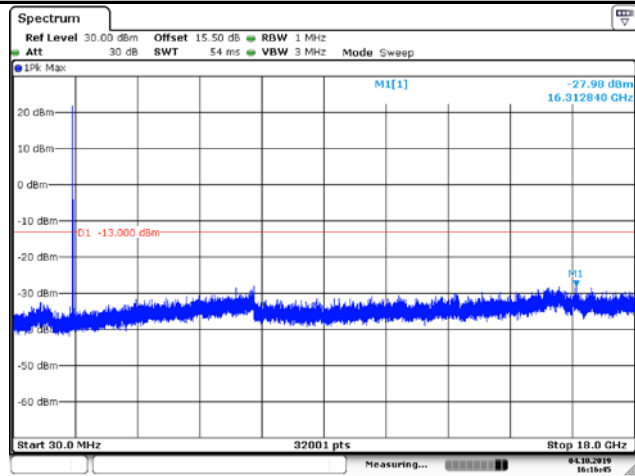
Test BW: 3MHz - Middle Channel - RB1#0

QPSK



Date: 4 OCT 2019 16:16:38

16QAM

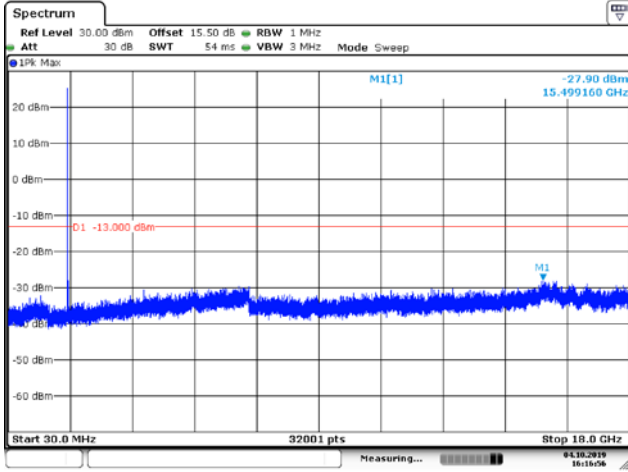


Date: 4 OCT 2019 16:16:45

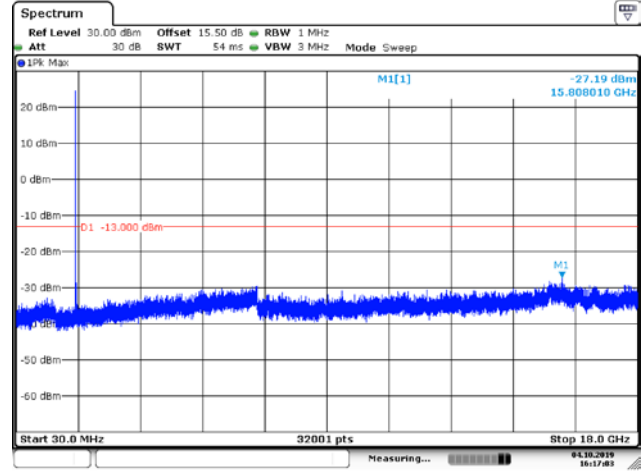
LTE Band66: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

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

QPSK



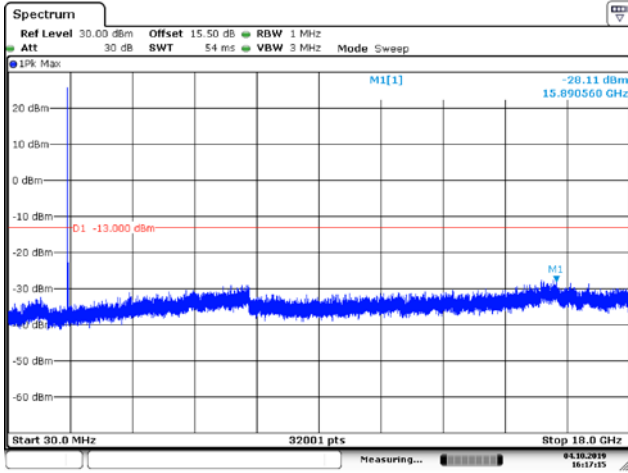
16QAM



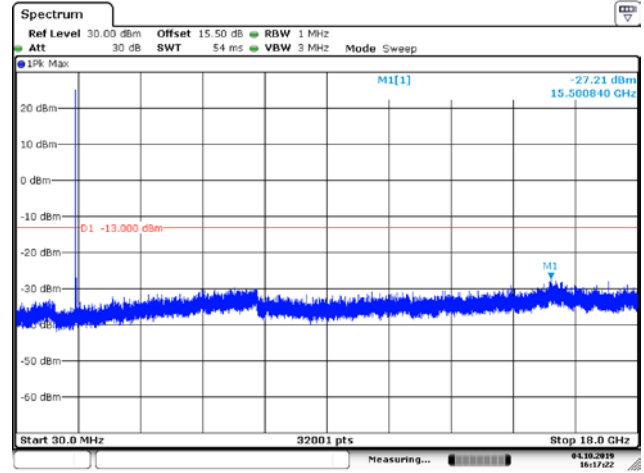
LTE Band66: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

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

QPSK



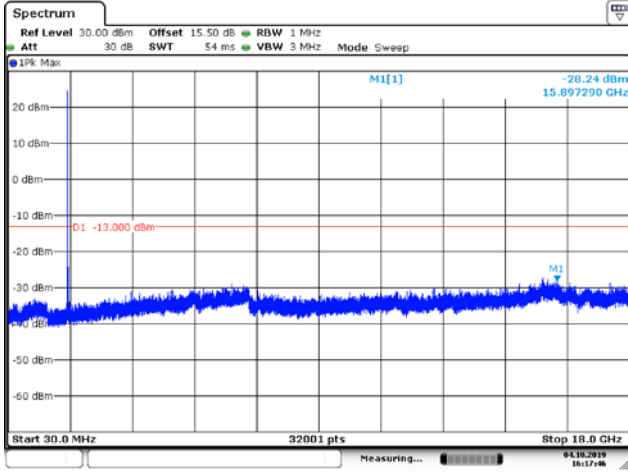
16QAM



LTE Band66: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

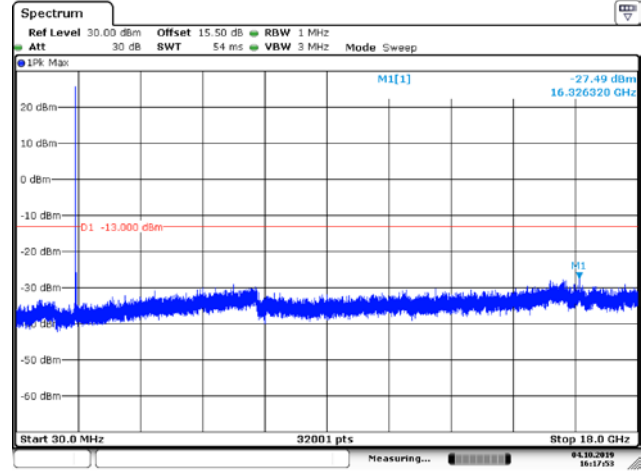
Test BW: 15MHz - Middle Channel - RB1#0

QPSK



Date: 4 OCT 2019 16:17:45

16QAM

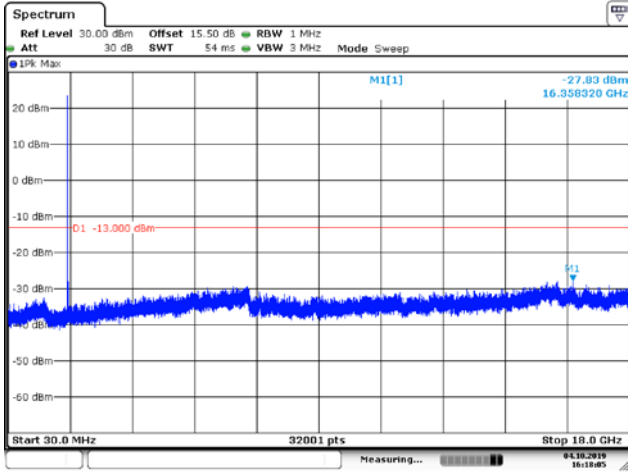


Date: 4 OCT 2019 16:17:53

LTE Band66: OUT OF BAND EMISSIONS AT ANTENNA TERMINALS

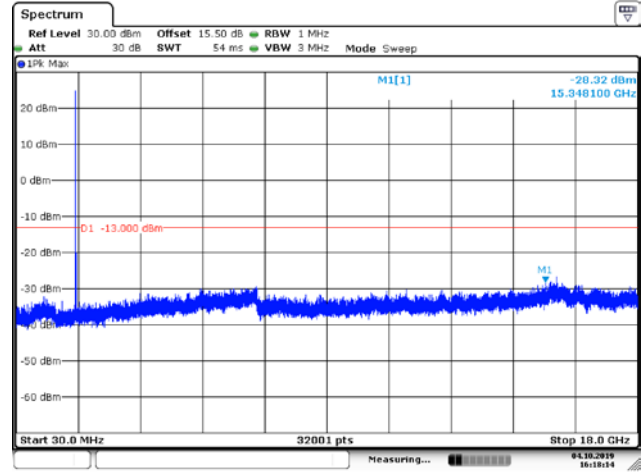
Test BW: 20MHz - Middle Channel - RB1#0

QPSK



Date: 4 OCT 2019 16:18:05

16QAM



Date: 4 OCT 2019 16:18:14

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 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	-54.31	-25	-29.31	7605.00
14890.55	H	5 MHz	RB1#0	-38.03	-25	-13.03	14890.55
--	--	--	--	--	--	--	--
7605.00	V	5 MHz	RB1#0	-55.23	-25	-30.23	7605.00
14744.54	V	5 MHz	RB1#0	-38.55	-25	-13.55	14744.54
--	--	--	--	--	--	--	--

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	-54.19	-25	-29.19	Pass
14758.18	H	10 MHz	RB1#0	-38.04	-25	-13.04	Pass
--	--	--	--	--	--	--	--
7605.00	V	10 MHz	RB1#0	-55.95	-25	-30.95	Pass
14590.68	V	10 MHz	RB1#0	-39.60	-25	-14.60	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
7605.00	H	15 MHz	RB1#0	-55.05	-25	-30.05	Pass
15822.51	H	15 MHz	RB1#0	-38.98	-25	-13.98	Pass
--	--	--	--	--	--	--	--
7605.00	V	15 MHz	RB1#0	-56.89	-25	-31.89	Pass
15078.47	V	15 MHz	RB1#0	-39.40	-25	-14.40	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
7605.00	H	20 MHz	RB1#0	-55.94	-25	-30.94	Pass
14520.71	H	20 MHz	RB1#0	-38.49	-25	-13.49	Pass
--	--	--	--	--	--	--	--
7605.00	V	20 MHz	RB1#0	-56.49	-25	-31.49	Pass
15176.69	V	20 MHz	RB1#0	-38.03	-25	-13.03	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°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
2122.50	H	1.4 MHz	RB1#0	-48.19	-13	-35.19	Pass
6656.15	H	1.4 MHz	RB1#0	-41.50	-13	-28.50	Pass
--	--	--	--	--	--	--	--
2122.50	V	1.4 MHz	RB1#0	-49.08	-13	-36.08	Pass
6856.30	V	1.4 MHz	RB1#0	-42.46	-13	-29.46	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
2122.50	H	3 MHz	RB1#0	-48.21	-13	-35.21	Pass
7738.64	H	3 MHz	RB1#0	-41.94	-13	-28.94	Pass
--	--	--	--	--	--	--	--
2122.50	V	3 MHz	RB1#0	-50.51	-13	-37.51	Pass
6652.14	V	3 MHz	RB1#0	-42.47	-13	-29.47	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.

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
2122.50	H	5 MHz	RB1#0	-48.06	-13	-35.06	Pass
6429.47	H	5 MHz	RB1#0	-40.23	-13	-27.23	Pass
--	--	--	--	--	--	--	--
2122.50	V	5 MHz	RB1#0	-49.32	-13	-36.32	Pass
7180.07	V	5 MHz	RB1#0	-41.97	-13	-28.97	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
2122.50	H	10 MHz	RB1#0	-48.20	-13	-35.20	Pass
7072.57	H	10 MHz	RB1#0	-41.58	-13	-28.58	Pass
--	--	--	--	--	--	--	--
2122.50	V	10 MHz	RB1#0	-49.71	-13	-36.71	Pass
6100.90	V	10 MHz	RB1#0	-41.32	-13	-28.32	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	-49.33	-13	-36.33	Pass
7760.23	H	5 MHz	RB1#0	-42.86	-13	-29.86	Pass
--	--	--	--	--	--	--	--
2346.00	V	5 MHz	RB1#0	-50.50	-13	-37.50	Pass
6454.20	V	5 MHz	RB1#0	-41.23	-13	-28.23	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	-49.19	-13	-36.19	Pass
6555.50	H	10 MHz	RB1#0	-41.46	-13	-28.46	Pass
--	--	--	--	--	--	--	--
2346.00	V	10 MHz	RB1#0	-50.24	-13	-37.24	Pass
7816.17	V	10 MHz	RB1#0	-42.07	-13	-29.07	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	-50.66	-13	-37.66	Pass
14615.30	H	1.4 MHz	RB1#0	-37.25	-13	-24.25	Pass
--	--	--	--	--	--	--	--
5647.50	V	1.4 MHz	RB1#0	-51.07	-13	-38.07	Pass
15097.12	V	1.4 MHz	RB1#0	-38.46	-13	-25.46	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	-50.88	-13	-37.88	Pass
15128.35	H	3 MHz	RB1#0	-37.16	-13	-24.16	Pass
--	--	--	--	--	--	--	--
5647.50	V	3 MHz	RB1#0	-52.23	-13	-39.23	Pass
14859.61	V	3 MHz	RB1#0	-37.04	-13	-24.04	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	-50.92	-13	-37.92	Pass
15052.95	H	5 MHz	RB1#0	-37.27	-13	-24.27	Pass
--	--	--	--	--	--	--	--
5647.50	V	5 MHz	RB1#0	-51.51	-13	-38.51	Pass
15165.36	V	5 MHz	RB1#0	-38.45	-13	-25.45	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	-50.80	-13	-37.80	Pass
16374.75	H	10 MHz	RB1#0	-40.00	-13	-27.00	Pass
--	--	--	--	--	--	--	--
5647.50	V	10 MHz	RB1#0	-51.95	-13	-38.95	Pass
16157.84	V	10 MHz	RB1#0	-37.35	-13	-24.35	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	-51.62	-13	-38.62	Pass
14525.00	H	15 MHz	RB1#0	-39.43	-13	-26.43	Pass
--	--	--	--	--	--	--	--
5647.50	V	15 MHz	RB1#0	-52.98	-13	-39.98	Pass
14975.26	V	15 MHz	RB1#0	-38.70	-13	-25.70	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	-51.35	-13	-38.35	Pass
15146.25	H	20 MHz	RB1#0	-39.58	-13	-26.58	Pass
--	--	--	--	--	--	--	--
5647.50	V	20 MHz	RB1#0	-52.73	-13	-39.73	Pass
15159.26	V	20 MHz	RB1#0	-39.99	-13	-26.99	Pass
--	--	--	--	--	--	--	--

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

(2) Correct Factor= Ant_F + Cab_L - Preampl

(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	-48.99	-13	-35.99	Pass
7913.67	H	1.4 MHz	RB1#0	-40.52	-13	-27.52	Pass
--	--	--	--	--	--	--	--
2494.50	V	1.4 MHz	RB1#0	-49.19	-13	-36.19	Pass
7656.85	V	1.4 MHz	RB1#0	-41.22	-13	-28.22	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	-48.65	-13	-35.65	Pass
7188.33	H	3 MHz	RB1#0	-42.80	-13	-29.80	Pass
--	--	--	--	--	--	--	--
2494.50	V	3 MHz	RB1#0	-50.90	-13	-37.90	Pass
6968.84	V	3 MHz	RB1#0	-41.18	-13	-28.18	Pass
--	--	--	--	--	--	--	--

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

(2) Correct Factor= Ant_F + Cab_L - Preampl

(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	-48.37	-13	-35.37	Pass
6611.25	H	5 MHz	RB1#0	-40.77	-13	-27.77	Pass
--	--	--	--	--	--	--	--
2494.50	V	5 MHz	RB1#0	-49.06	-13	-36.06	Pass
7329.18	V	5 MHz	RB1#0	-42.94	-13	-29.94	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	-48.94	-13	-35.94	Pass
6191.23	H	10 MHz	RB1#0	-41.46	-13	-28.46	Pass
--	--	--	--	--	--	--	--
2494.50	V	10 MHz	RB1#0	-49.53	-13	-36.53	Pass
6439.63	V	10 MHz	RB1#0	-42.77	-13	-29.77	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	-49.76	-13	-36.76	Pass
7409.82	H	15 MHz	RB1#0	-41.80	-13	-28.80	Pass
--	--	--	--	--	--	--	--
2494.50	V	15 MHz	RB1#0	-50.17	-13	-37.17	Pass
7604.77	V	15 MHz	RB1#0	-40.68	-13	-27.68	Pass
--	--	--	--	--	--	--	--

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

(2) Correct Factor= Ant_F + Cab_L - Preampl

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

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

Temperature:	24°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
6930.00	H	5 MHz	RB1#0	-48.31	-30	-18.31	Pass
15504.39	H	5 MHz	RB1#0	-36.77	-30	-6.77	Pass
--	--	--	--	--	--	--	--
6930.00	V	5 MHz	RB1#0	-49.44	-30	-19.44	Pass
14815.26	V	5 MHz	RB1#0	-37.31	-30	-7.31	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
6930.00	H	10 MHz	RB1#0	-48.01	-30	-18.01	Pass
14948.22	H	10 MHz	RB1#0	-36.75	-30	-6.75	Pass
--	--	--	--	--	--	--	--
6930.00	V	10 MHz	RB1#0	-49.52	-30	-19.52	Pass
16241.28	V	10 MHz	RB1#0	-38.51	-30	-8.51	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 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	-41.01	-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°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	-41.63	-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°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	-42.25	-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°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	-42.81	-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 - Preampl

(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 BAND66 link
■ Spurious Emission below 30MHz (9KHz to 30MHz)

Temperature:	24℃	Test By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND66		

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 BAND66		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
5235.00	H	1.4 MHz	RB1#0	-49.44	-13	-36.44	Pass
15627.78	H	1.4 MHz	RB1#0	-38.52	-13	-25.52	Pass
--	--	--	--	--	--	--	--
5235.00	V	1.4 MHz	RB1#0	-50.20	-13	-37.20	Pass
15751.09	V	1.4 MHz	RB1#0	-38.63	-13	-25.63	Pass
--	--	--	--	--	--	--	--

Temperature:	24℃	Test By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND66		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
5235.00	H	3 MHz	RB1#0	-49.58	-13	-36.58	Pass
15333.91	H	3 MHz	RB1#0	-38.21	-13	-25.21	Pass
--	--	--	--	--	--	--	--
5235.00	V	3 MHz	RB1#0	-51.42	-13	-38.42	Pass
15851.60	V	3 MHz	RB1#0	-38.56	-13	-25.56	Pass
--	--	--	--	--	--	--	--

Temperature:	24℃	Test By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND66		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
5235.00	H	5 MHz	RB1#0	-49.67	-13	-36.67	Pass
16206.42	H	5 MHz	RB1#0	-38.19	-13	-25.19	Pass
--	--	--	--	--	--	--	--
5235.00	V	5 MHz	RB1#0	-50.41	-13	-37.41	Pass
15719.85	V	5 MHz	RB1#0	-39.41	-13	-26.41	Pass
--	--	--	--	--	--	--	--

Temperature:	24°C	Test By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND66		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
5235.00	H	10 MHz	RB1#0	-49.64	-13	-36.64	Pass
16258.57	H	10 MHz	RB1#0	-38.09	-13	-25.09	Pass
--	--	--	--	--	--	--	--
5235.00	V	10 MHz	RB1#0	-50.61	-13	-37.61	Pass
14589.99	V	10 MHz	RB1#0	-38.47	-13	-25.47	Pass
--	--	--	--	--	--	--	--

Temperature:	24°C	Test By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND66		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
5235.00	H	15 MHz	RB1#0	-50.24	-13	-37.24	Pass
15784.61	H	15 MHz	RB1#0	-38.38	-13	-25.38	Pass
--	--	--	--	--	--	--	--
5235.00	V	15 MHz	RB1#0	-51.81	-13	-38.81	Pass
15724.44	V	15 MHz	RB1#0	-38.13	-13	-25.13	Pass
--	--	--	--	--	--	--	--

Temperature:	24°C	Test By:	KK
Humidity:	53 %	Test Mode:	QPSK/ Middle Channel
Test Band:	LTE BAND66		

Freq. (MHz)	H/V	Bandwidth (MHz)	Test RB	Emission Level(dBm)	Limit (dBm)	Margin (dBm)	Verdict
5235.00	H	20 MHz	RB1#0	-50.98	-13	-37.98	Pass
15763.02	H	20 MHz	RB1#0	-39.47	-13	-26.47	Pass
--	--	--	--	--	--	--	--
5235.00	V	20 MHz	RB1#0	-51.63	-13	-38.63	Pass
15081.87	V	20 MHz	RB1#0	-37.13	-13	-24.13	Pass
--	--	--	--	--	--	--	--

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

(2) Correct Factor= Ant_F + Cab_L - Preampl

(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 BAND7	QPSK	5MHz	VN	-20	2502.5	12.29	0.0049	2.5
				-10	2502.5	12.26	0.0049	2.5
				0	2502.5	12.75	0.0051	2.5
				10	2502.5	12.77	0.0051	2.5
				20	2502.5	11.06	0.0044	2.5
				30	2502.5	11.33	0.0045	2.5
				40	2502.5	12.80	0.0051	2.5
				50	2502.5	12.38	0.0049	2.5
			VL	20	2502.5	11.25	0.0045	2.5
			VH	20	2502.5	11.53	0.0046	2.5
			VN	-20	2535	12.94	0.0051	2.5
				-10	2535	11.11	0.0044	2.5
				0	2535	11.55	0.0046	2.5
				10	2535	11.82	0.0047	2.5
				20	2535	11.61	0.0046	2.5
				30	2535	12.89	0.0051	2.5
				40	2535	11.84	0.0047	2.5
				50	2535	11.88	0.0047	2.5
			VL	20	2535	12.94	0.0051	2.5
			VH	20	2535	12.92	0.0051	2.5
			VN	-20	2567.5	11.74	0.0046	2.5
				-10	2567.5	11.42	0.0044	2.5
				0	2567.5	11.43	0.0045	2.5
				10	2567.5	11.62	0.0045	2.5
				20	2567.5	12.84	0.0050	2.5
				30	2567.5	12.79	0.0050	2.5
				40	2567.5	12.13	0.0047	2.5
				50	2567.5	12.73	0.0050	2.5
			VL	20	2567.5	12.29	0.0048	2.5
			VH	20	2567.5	11.12	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	10MHz	VN	-20	2505	11.29	0.0045	2.5
				-10	2505	11.10	0.0044	2.5
				0	2505	11.73	0.0047	2.5
				10	2505	11.66	0.0047	2.5
				20	2505	12.21	0.0049	2.5
				30	2505	12.44	0.0050	2.5
				40	2505	12.74	0.0051	2.5
				50	2505	11.08	0.0044	2.5
			VL	20	2505	12.72	0.0051	2.5
			VH	20	2505	11.87	0.0047	2.5
			VN	-20	2535	11.36	0.0045	2.5
				-10	2535	11.67	0.0046	2.5
				0	2535	12.14	0.0048	2.5
				10	2535	11.80	0.0047	2.5
				20	2535	12.18	0.0048	2.5
				30	2535	12.94	0.0051	2.5
				40	2535	12.51	0.0049	2.5
				50	2535	12.94	0.0051	2.5
			VL	20	2535	12.62	0.0050	2.5
			VH	20	2535	12.15	0.0048	2.5
			VN	-20	2565	12.27	0.0048	2.5
				-10	2565	12.99	0.0051	2.5
				0	2565	11.24	0.0044	2.5
				10	2565	12.53	0.0049	2.5
				20	2565	11.50	0.0045	2.5
				30	2565	11.39	0.0044	2.5
				40	2565	11.33	0.0044	2.5
				50	2565	12.61	0.0049	2.5
			VL	20	2565	11.46	0.0045	2.5
			VH	20	2565	12.68	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 BAND7	QPSK	15MHz	VN	-20	2507.5	11.02	0.0044	2.5
				-10	2507.5	12.85	0.0051	2.5
				0	2507.5	11.06	0.0044	2.5
				10	2507.5	12.13	0.0048	2.5
				20	2507.5	12.95	0.0052	2.5
				30	2507.5	11.73	0.0047	2.5
				40	2507.5	11.48	0.0046	2.5
				50	2507.5	12.29	0.0049	2.5
				VL	20	2507.5	12.40	0.0049
			VH	20	2507.5	12.84	0.0051	2.5
			VN	-20	2535	12.37	0.0049	2.5
				-10	2535	11.58	0.0046	2.5
				0	2535	11.65	0.0046	2.5
				10	2535	12.26	0.0048	2.5
				20	2535	12.75	0.0050	2.5
				30	2535	11.31	0.0045	2.5
				40	2535	11.86	0.0047	2.5
				50	2535	11.05	0.0044	2.5
				VL	20	2535	12.99	0.0051
			VH	20	2535	12.24	0.0048	2.5
			VN	-20	2562.5	12.88	0.0050	2.5
				-10	2562.5	11.28	0.0044	2.5
				0	2562.5	11.28	0.0044	2.5
				10	2562.5	11.31	0.0044	2.5
				20	2562.5	11.61	0.0045	2.5
				30	2562.5	11.00	0.0043	2.5
				40	2562.5	12.31	0.0048	2.5
				50	2562.5	11.39	0.0044	2.5
				VL	20	2562.5	12.19	0.0048
			VH	20	2562.5	11.52	0.0045	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	20MHz	VN	-20	2510	11.49	0.0046	2.5
				-10	2510	12.20	0.0049	2.5
				0	2510	12.78	0.0051	2.5
				10	2510	12.17	0.0048	2.5
				20	2510	11.09	0.0044	2.5
				30	2510	12.00	0.0048	2.5
				40	2510	12.16	0.0048	2.5
				50	2510	12.25	0.0049	2.5
			VL	20	2510	11.21	0.0045	2.5
			VH	20	2510	12.68	0.0051	2.5
			VN	-20	2535	12.94	0.0051	2.5
				-10	2535	11.73	0.0046	2.5
				0	2535	11.08	0.0044	2.5
				10	2535	11.77	0.0046	2.5
				20	2535	11.27	0.0044	2.5
				30	2535	12.34	0.0049	2.5
				40	2535	11.03	0.0043	2.5
				50	2535	11.99	0.0047	2.5
			VL	20	2535	11.86	0.0047	2.5
			VH	20	2535	12.92	0.0051	2.5
			VN	-20	2560	11.45	0.0045	2.5
				-10	2560	12.97	0.0051	2.5
				0	2560	12.17	0.0048	2.5
				10	2560	11.63	0.0045	2.5
				20	2560	12.31	0.0048	2.5
				30	2560	11.52	0.0045	2.5
				40	2560	12.75	0.0050	2.5
				50	2560	12.85	0.0050	2.5
			VL	20	2560	12.60	0.0049	2.5
			VH	20	2560	11.52	0.0045	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	1.4MHz	VN	-20	699.7	-9.51	-0.0136	2.5
				-10	699.7	-9.95	-0.0142	2.5
				0	699.7	-9.18	-0.0131	2.5
				10	699.7	-9.33	-0.0133	2.5
				20	699.7	-9.16	-0.0131	2.5
				30	699.7	-9.04	-0.0129	2.5
				40	699.7	-9.96	-0.0142	2.5
				50	699.7	-9.49	-0.0136	2.5
				VL	20	699.7	-9.90	-0.0141
			VH	20	699.7	-9.17	-0.0131	2.5
			VN	-20	707.5	-9.89	-0.0140	2.5
				-10	707.5	-8.45	-0.0119	2.5
				0	707.5	-9.91	-0.0140	2.5
				10	707.5	-8.40	-0.0119	2.5
				20	707.5	-9.39	-0.0133	2.5
				30	707.5	-9.72	-0.0137	2.5
				40	707.5	-9.13	-0.0129	2.5
				50	707.5	-9.96	-0.0141	2.5
				VL	20	707.5	-8.34	-0.0118
			VH	20	707.5	-8.76	-0.0124	2.5
			VN	-20	715.3	-9.77	-0.0137	2.5
				-10	715.3	-9.76	-0.0136	2.5
				0	715.3	-8.60	-0.0120	2.5
				10	715.3	-9.26	-0.0129	2.5
				20	715.3	-8.54	-0.0119	2.5
				30	715.3	-9.00	-0.0126	2.5
				40	715.3	-9.25	-0.0129	2.5
				50	715.3	-9.29	-0.0130	2.5
				VL	20	715.3	-8.29	-0.0116
			VH	20	715.3	-9.87	-0.0138	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	3MHz	VN	-20	700.5	-9.64	-0.0138	2.5
				-10	700.5	-8.68	-0.0124	2.5
				0	700.5	-8.50	-0.0121	2.5
				10	700.5	-8.16	-0.0116	2.5
				20	700.5	-9.16	-0.0131	2.5
				30	700.5	-9.93	-0.0142	2.5
				40	700.5	-8.23	-0.0117	2.5
				50	700.5	-9.80	-0.0140	2.5
				VL	20	700.5	-9.61	-0.0137
			VH	20	700.5	-8.42	-0.0120	2.5
			VN	-20	707.5	-9.69	-0.0137	2.5
				-10	707.5	-9.64	-0.0136	2.5
				0	707.5	-9.49	-0.0134	2.5
				10	707.5	-8.44	-0.0119	2.5
				20	707.5	-9.16	-0.0129	2.5
				30	707.5	-9.81	-0.0139	2.5
				40	707.5	-8.70	-0.0123	2.5
				50	707.5	-9.48	-0.0134	2.5
				VL	20	707.5	-8.17	-0.0116
			VH	20	707.5	-9.31	-0.0132	2.5
			VN	-20	714.5	-8.49	-0.0119	2.5
				-10	714.5	-8.12	-0.0114	2.5
				0	714.5	-8.84	-0.0124	2.5
				10	714.5	-8.95	-0.0125	2.5
				20	714.5	-8.36	-0.0117	2.5
				30	714.5	-9.45	-0.0132	2.5
				40	714.5	-9.76	-0.0137	2.5
				50	714.5	-8.26	-0.0116	2.5
				VL	20	714.5	-9.43	-0.0132
			VH	20	714.5	-8.94	-0.0125	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	5MHz	VN	-20	701.5	-8.60	-0.0123	2.5
				-10	701.5	-8.86	-0.0126	2.5
				0	701.5	-9.74	-0.0139	2.5
				10	701.5	-9.08	-0.0129	2.5
				20	701.5	-9.27	-0.0132	2.5
				30	701.5	-9.00	-0.0128	2.5
				40	701.5	-8.26	-0.0118	2.5
				50	701.5	-8.35	-0.0119	2.5
				VL	20	701.5	-9.52	-0.0136
			VH	20	701.5	-8.90	-0.0127	2.5
			VN	-20	707.5	-9.79	-0.0138	2.5
				-10	707.5	-9.37	-0.0132	2.5
				0	707.5	-9.26	-0.0131	2.5
				10	707.5	-9.81	-0.0139	2.5
				20	707.5	-9.31	-0.0132	2.5
				30	707.5	-8.75	-0.0124	2.5
				40	707.5	-8.33	-0.0118	2.5
				50	707.5	-8.92	-0.0126	2.5
				VL	20	707.5	-9.88	-0.0140
			VH	20	707.5	-9.75	-0.0138	2.5
			VN	-20	713.5	-9.47	-0.0133	2.5
				-10	713.5	-9.29	-0.0130	2.5
				0	713.5	-8.61	-0.0121	2.5
				10	713.5	-8.98	-0.0126	2.5
				20	713.5	-8.17	-0.0115	2.5
				30	713.5	-8.73	-0.0122	2.5
				40	713.5	-9.52	-0.0133	2.5
				50	713.5	-8.61	-0.0121	2.5
				VL	20	713.5	-8.26	-0.0116
			VH	20	713.5	-8.07	-0.0113	2.5
VERDICT					PASS			

Operation Mode	Modulation	Band Width	Test Condition		Channel Frequency (MHz)	Freq.Dev. (Hz)	Deviation (ppm)	Limit (ppm)
			Volt. (V)	Temp. (°C)				
LTE BAND12	QPSK	10MHz	VN	-20	704	-9.09	-0.0129	2.5
				-10	704	-8.20	-0.0116	2.5
				0	704	-8.74	-0.0124	2.5
				10	704	-8.16	-0.0116	2.5
				20	704	-8.93	-0.0127	2.5
				30	704	-8.85	-0.0126	2.5
				40	704	-9.02	-0.0128	2.5
				50	704	-9.13	-0.0130	2.5
				VL	20	704	-8.92	-0.0127
			VH	20	704	-8.11	-0.0115	2.5
			VN	-20	707.5	-8.43	-0.0119	2.5
				-10	707.5	-9.45	-0.0134	2.5
				0	707.5	-8.36	-0.0118	2.5
				10	707.5	-8.06	-0.0114	2.5
				20	707.5	-9.08	-0.0128	2.5
				30	707.5	-8.83	-0.0125	2.5
				40	707.5	-8.10	-0.0114	2.5
				50	707.5	-9.20	-0.0130	2.5
				VL	20	707.5	-9.19	-0.0130
			VH	20	707.5	-9.22	-0.0130	2.5
			VN	-20	711	-9.24	-0.0130	2.5
				-10	711	-9.40	-0.0132	2.5
				0	711	-9.19	-0.0129	2.5
				10	711	-9.68	-0.0136	2.5
				20	711	-8.78	-0.0123	2.5
				30	711	-9.40	-0.0132	2.5
				40	711	-9.84	-0.0138	2.5
				50	711	-8.41	-0.0118	2.5
				VL	20	711	-8.60	-0.0121
			VH	20	711	-8.46	-0.0119	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	5MHz	VN	-20	779.5	-8.73	-0.0112	2.5
				-10	779.5	-7.44	-0.0095	2.5
				0	779.5	-8.24	-0.0106	2.5
				10	779.5	-7.13	-0.0091	2.5
				20	779.5	-8.14	-0.0104	2.5
				30	779.5	-7.07	-0.0091	2.5
				40	779.5	-8.79	-0.0113	2.5
				50	779.5	-8.01	-0.0103	2.5
				VL	20	779.5	-7.25	-0.0093
			VH	20	779.5	-8.61	-0.0110	2.5
			VN	-20	782.0	-8.37	-0.0107	2.5
				-10	782.0	-8.91	-0.0114	2.5
				0	782.0	-8.08	-0.0103	2.5
				10	782.0	-8.72	-0.0111	2.5
				20	782.0	-8.57	-0.0110	2.5
				30	782.0	-8.18	-0.0105	2.5
				40	782.0	-8.56	-0.0110	2.5
				50	782.0	-7.86	-0.0101	2.5
				VL	20	782.0	-7.97	-0.0102
			VH	20	782.0	-8.66	-0.0111	2.5
			VN	-20	784.5	-8.99	-0.0115	2.5
				-10	784.5	-8.60	-0.0110	2.5
				0	784.5	-8.07	-0.0103	2.5
				10	784.5	-8.14	-0.0104	2.5
				20	784.5	-8.68	-0.0111	2.5
				30	784.5	-7.36	-0.0094	2.5
				40	784.5	-7.36	-0.0094	2.5
				50	784.5	-7.14	-0.0091	2.5
				VL	20	784.5	-8.38	-0.0107
			VH	20	784.5	-7.31	-0.0093	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	10MHz	VN	-20	782.0	-8.56	-0.0110	2.5
				-10	782.0	-8.93	-0.0114	2.5
				0	782.0	-8.16	-0.0104	2.5
				10	782.0	-7.55	-0.0096	2.5
				20	782.0	-8.27	-0.0106	2.5
				30	782.0	-7.83	-0.0100	2.5
				40	782.0	-8.67	-0.0111	2.5
				50	782.0	-8.95	-0.0114	2.5
			VL	20	782.0	-8.29	-0.0106	2.5
			VH	20	782.0	-7.21	-0.0092	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	1.4MHz	VN	-20	1850.7	13.59	0.0073	2.5
				-10	1850.7	14.87	0.0080	2.5
				0	1850.7	13.54	0.0073	2.5
				10	1850.7	13.41	0.0072	2.5
				20	1850.7	13.32	0.0072	2.5
				30	1850.7	13.95	0.0075	2.5
				40	1850.7	14.02	0.0076	2.5
				50	1850.7	14.07	0.0076	2.5
				VL	20	1850.7	13.32	0.0072
			VH	20	1850.7	13.98	0.0076	2.5
			VN	-20	1882.5	13.35	0.0071	2.5
				-10	1882.5	14.14	0.0075	2.5
				0	1882.5	14.01	0.0074	2.5
				10	1882.5	13.10	0.0070	2.5
				20	1882.5	13.91	0.0074	2.5
				30	1882.5	13.16	0.0070	2.5
				40	1882.5	14.73	0.0078	2.5
				50	1882.5	14.82	0.0079	2.5
				VL	20	1882.5	14.82	0.0079
			VH	20	1882.5	13.66	0.0073	2.5
			VN	-20	1914.3	14.64	0.0076	2.5
				-10	1914.3	13.71	0.0072	2.5
				0	1914.3	13.57	0.0071	2.5
				10	1914.3	14.22	0.0074	2.5
				20	1914.3	13.96	0.0073	2.5
				30	1914.3	13.18	0.0069	2.5
				40	1914.3	14.05	0.0073	2.5
				50	1914.3	14.85	0.0078	2.5
				VL	20	1914.3	14.12	0.0074
			VH	20	1914.3	13.12	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 BAND25	QPSK	3MHz	VN	-20	1851.5	13.93	0.0075	2.5
				-10	1851.5	13.59	0.0073	2.5
				0	1851.5	14.42	0.0078	2.5
				10	1851.5	14.29	0.0077	2.5
				20	1851.5	13.74	0.0074	2.5
				30	1851.5	14.68	0.0079	2.5
				40	1851.5	14.99	0.0081	2.5
				50	1851.5	14.53	0.0078	2.5
				VL	20	1851.5	13.69	0.0074
			VH	20	1851.5	14.94	0.0081	2.5
			VN	-20	1882.5	14.55	0.0077	2.5
				-10	1882.5	13.10	0.0070	2.5
				0	1882.5	14.39	0.0076	2.5
				10	1882.5	13.93	0.0074	2.5
				20	1882.5	14.43	0.0077	2.5
				30	1882.5	13.50	0.0072	2.5
				40	1882.5	13.85	0.0074	2.5
				50	1882.5	14.32	0.0076	2.5
				VL	20	1882.5	13.96	0.0074
			VH	20	1882.5	13.36	0.0071	2.5
			VN	-20	1913.5	13.71	0.0072	2.5
				-10	1913.5	13.60	0.0071	2.5
				0	1913.5	14.05	0.0073	2.5
				10	1913.5	14.35	0.0075	2.5
				20	1913.5	13.72	0.0072	2.5
				30	1913.5	13.22	0.0069	2.5
				40	1913.5	14.38	0.0075	2.5
				50	1913.5	14.32	0.0075	2.5
				VL	20	1913.5	13.52	0.0071
			VH	20	1913.5	13.62	0.0071	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	5MHz	VN	-20	1852.5	14.20	0.0077	2.5
				-10	1852.5	13.81	0.0075	2.5
				0	1852.5	14.02	0.0076	2.5
				10	1852.5	14.28	0.0077	2.5
				20	1852.5	14.16	0.0076	2.5
				30	1852.5	14.33	0.0077	2.5
				40	1852.5	13.23	0.0071	2.5
				50	1852.5	14.70	0.0079	2.5
				VL	20	1852.5	14.02	0.0076
			VH	20	1852.5	13.27	0.0072	2.5
			VN	-20	1882.5	13.88	0.0074	2.5
				-10	1882.5	13.44	0.0071	2.5
				0	1882.5	13.79	0.0073	2.5
				10	1882.5	14.76	0.0078	2.5
				20	1882.5	14.72	0.0078	2.5
				30	1882.5	13.96	0.0074	2.5
				40	1882.5	14.87	0.0079	2.5
				50	1882.5	14.58	0.0077	2.5
				VL	20	1882.5	13.38	0.0071
			VH	20	1882.5	14.08	0.0075	2.5
			VN	-20	1912.5	14.37	0.0075	2.5
				-10	1912.5	13.67	0.0071	2.5
				0	1912.5	13.41	0.0070	2.5
				10	1912.5	14.77	0.0077	2.5
				20	1912.5	14.42	0.0075	2.5
				30	1912.5	13.51	0.0071	2.5
				40	1912.5	13.61	0.0071	2.5
				50	1912.5	13.41	0.0070	2.5
				VL	20	1912.5	13.01	0.0068
			VH	20	1912.5	13.20	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 BAND25	QPSK	10MHz	VN	-20	1855.0	14.80	0.0080	2.5
				-10	1855.0	13.63	0.0074	2.5
				0	1855.0	13.03	0.0070	2.5
				10	1855.0	14.06	0.0076	2.5
				20	1855.0	14.05	0.0076	2.5
				30	1855.0	14.06	0.0076	2.5
				40	1855.0	14.11	0.0076	2.5
				50	1855.0	14.07	0.0076	2.5
				VL	20	1855.0	14.58	0.0079
			VH	20	1855.0	13.25	0.0071	2.5
			VN	-20	1882.5	14.11	0.0075	2.5
				-10	1882.5	14.48	0.0077	2.5
				0	1882.5	14.41	0.0077	2.5
				10	1882.5	13.48	0.0072	2.5
				20	1882.5	13.90	0.0074	2.5
				30	1882.5	13.27	0.0070	2.5
				40	1882.5	14.76	0.0078	2.5
				50	1882.5	13.35	0.0071	2.5
				VL	20	1882.5	14.38	0.0076
			VH	20	1882.5	13.96	0.0074	2.5
			VN	-20	1910.0	13.32	0.0070	2.5
				-10	1910.0	14.13	0.0074	2.5
				0	1910.0	14.69	0.0077	2.5
				10	1910.0	14.01	0.0073	2.5
				20	1910.0	14.72	0.0077	2.5
				30	1910.0	14.61	0.0076	2.5
				40	1910.0	14.20	0.0074	2.5
				50	1910.0	14.54	0.0076	2.5
				VL	20	1910.0	15.00	0.0079
			VH	20	1910.0	14.32	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	15MHz	VN	-20	1857.5	13.74	0.0074	2.5
				-10	1857.5	13.60	0.0073	2.5
				0	1857.5	13.16	0.0071	2.5
				10	1857.5	14.89	0.0080	2.5
				20	1857.5	14.48	0.0078	2.5
				30	1857.5	14.58	0.0079	2.5
				40	1857.5	14.87	0.0080	2.5
				50	1857.5	13.64	0.0073	2.5
			VL	20	1857.5	13.77	0.0074	2.5
			VH	20	1857.5	14.42	0.0078	2.5
			VN	-20	1882.5	13.76	0.0073	2.5
				-10	1882.5	14.64	0.0078	2.5
				0	1882.5	13.57	0.0072	2.5
				10	1882.5	13.68	0.0073	2.5
				20	1882.5	13.05	0.0069	2.5
				30	1882.5	13.94	0.0074	2.5
				40	1882.5	13.62	0.0072	2.5
				50	1882.5	13.17	0.0070	2.5
			VL	20	1882.5	13.75	0.0073	2.5
			VH	20	1882.5	14.61	0.0078	2.5
			VN	-20	1907.5	13.39	0.0070	2.5
				-10	1907.5	14.16	0.0074	2.5
				0	1907.5	13.30	0.0070	2.5
				10	1907.5	13.19	0.0069	2.5
				20	1907.5	14.65	0.0077	2.5
				30	1907.5	14.26	0.0075	2.5
				40	1907.5	14.95	0.0078	2.5
				50	1907.5	13.56	0.0071	2.5
			VL	20	1907.5	13.17	0.0069	2.5
			VH	20	1907.5	13.64	0.0071	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	20MHz	VN	-20	1860.0	14.36	0.0077	2.5
				-10	1860.0	14.38	0.0077	2.5
				0	1860.0	14.74	0.0079	2.5
				10	1860.0	14.35	0.0077	2.5
				20	1860.0	14.43	0.0078	2.5
				30	1860.0	14.09	0.0076	2.5
				40	1860.0	13.37	0.0072	2.5
				50	1860.0	15.00	0.0081	2.5
				VL	20	1860.0	14.71	0.0079
			VH	20	1860.0	14.33	0.0077	2.5
			VN	-20	1882.5	13.27	0.0071	2.5
				-10	1882.5	13.76	0.0073	2.5
				0	1882.5	13.84	0.0074	2.5
				10	1882.5	13.81	0.0073	2.5
				20	1882.5	14.88	0.0079	2.5
				30	1882.5	14.90	0.0079	2.5
				40	1882.5	14.38	0.0076	2.5
				50	1882.5	14.91	0.0079	2.5
				VL	20	1882.5	13.28	0.0071
			VH	20	1882.5	13.04	0.0069	2.5
			VN	-20	1905.0	13.40	0.0070	2.5
				-10	1905.0	14.72	0.0077	2.5
				0	1905.0	13.02	0.0068	2.5
				10	1905.0	13.59	0.0071	2.5
				20	1905.0	14.30	0.0075	2.5
				30	1905.0	14.65	0.0077	2.5
				40	1905.0	13.19	0.0069	2.5
				50	1905.0	13.05	0.0069	2.5
				VL	20	1905.0	14.82	0.0078
			VH	20	1905.0	13.26	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 BAND26	QPSK	1.4MHz	VN	-20	814.7	-7.35	-0.0090	2.5
				-10	814.7	-7.78	-0.0096	2.5
				0	814.7	-8.05	-0.0099	2.5
				10	814.7	-8.05	-0.0099	2.5
				20	814.7	-8.09	-0.0099	2.5
				30	814.7	-8.13	-0.0100	2.5
				40	814.7	-8.24	-0.0101	2.5
				50	814.7	-8.85	-0.0109	2.5
			VL	20	814.7	-7.14	-0.0088	2.5
			VH	20	814.7	-7.56	-0.0093	2.5
			VN	-20	831.5	-7.93	-0.0095	2.5
				-10	831.5	-8.54	-0.0103	2.5
				0	831.5	-7.70	-0.0093	2.5
				10	831.5	-7.83	-0.0094	2.5
				20	831.5	-8.57	-0.0103	2.5
				30	831.5	-8.06	-0.0097	2.5
				40	831.5	-8.66	-0.0104	2.5
				50	831.5	-7.41	-0.0089	2.5
			VL	20	831.5	-7.50	-0.0090	2.5
			VH	20	836.5	-7.10	-0.0085	2.5
			VN	-20	848.3	-9.00	-0.0106	2.5
				-10	848.3	-7.85	-0.0093	2.5
				0	848.3	-7.61	-0.0090	2.5
				10	848.3	-7.03	-0.0083	2.5
				20	848.3	-8.48	-0.0100	2.5
				30	848.3	-8.29	-0.0098	2.5
				40	848.3	-8.63	-0.0102	2.5
				50	848.3	-7.55	-0.0089	2.5
			VL	20	848.3	-8.61	-0.0102	2.5
			VH	20	848.3	-7.77	-0.0092	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	3MHz	VN	-20	815.5	-7.18	-0.0088	2.5
				-10	815.5	-7.41	-0.0091	2.5
				0	815.5	-7.03	-0.0086	2.5
				10	815.5	-7.39	-0.0091	2.5
				20	815.5	-7.72	-0.0095	2.5
				30	815.5	-7.83	-0.0096	2.5
				40	815.5	-7.32	-0.0090	2.5
				50	815.5	-8.63	-0.0106	2.5
			VL	20	815.5	-8.28	-0.0101	2.5
			VH	20	815.5	-7.27	-0.0089	2.5
			VN	-20	831.5	-7.24	-0.0087	2.5
				-10	831.5	-8.86	-0.0107	2.5
				0	831.5	-8.26	-0.0099	2.5
				10	831.5	-7.26	-0.0087	2.5
				20	831.5	-7.28	-0.0088	2.5
				30	831.5	-8.40	-0.0101	2.5
				40	831.5	-8.62	-0.0104	2.5
				50	831.5	-7.03	-0.0085	2.5
			VL	20	831.5	-8.16	-0.0098	2.5
			VH	20	831.5	-7.98	-0.0096	2.5
			VN	-20	847.5	-8.29	-0.0098	2.5
				-10	847.5	-7.30	-0.0086	2.5
				0	847.5	-8.12	-0.0096	2.5
				10	847.5	-8.46	-0.0100	2.5
				20	847.5	-7.96	-0.0094	2.5
				30	847.5	-7.60	-0.0090	2.5
				40	847.5	-8.78	-0.0104	2.5
				50	847.5	-8.47	-0.0100	2.5
			VL	20	847.5	-7.08	-0.0084	2.5
			VH	20	847.5	-7.57	-0.0089	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	5MHz	VN	-20	816.5	-7.66	-0.0094	2.5
				-10	816.5	-8.50	-0.0104	2.5
				0	816.5	-8.76	-0.0107	2.5
				10	816.5	-7.13	-0.0087	2.5
				20	816.5	-8.88	-0.0109	2.5
				30	816.5	-7.17	-0.0088	2.5
				40	816.5	-8.67	-0.0106	2.5
				50	816.5	-7.08	-0.0087	2.5
			VL	20	816.5	-8.92	-0.0109	2.5
			VH	20	816.5	-7.13	-0.0087	2.5
			VN	-20	831.5	-8.12	-0.0098	2.5
				-10	831.5	-7.95	-0.0096	2.5
				0	831.5	-8.78	-0.0106	2.5
				10	831.5	-7.34	-0.0088	2.5
				20	831.5	-7.45	-0.0090	2.5
				30	831.5	-8.24	-0.0099	2.5
				40	831.5	-8.76	-0.0105	2.5
				50	831.5	-7.63	-0.0092	2.5
			VL	20	831.5	-7.67	-0.0092	2.5
			VH	20	831.5	-8.60	-0.0103	2.5
			VN	-20	846.5	-8.56	-0.0101	2.5
				-10	846.5	-8.58	-0.0101	2.5
				0	846.5	-7.30	-0.0086	2.5
				10	846.5	-8.77	-0.0104	2.5
				20	846.5	-7.98	-0.0094	2.5
				30	846.5	-7.06	-0.0083	2.5
				40	846.5	-7.99	-0.0094	2.5
				50	846.5	-7.48	-0.0088	2.5
			VL	20	846.5	-7.27	-0.0086	2.5
			VH	20	846.5	-8.92	-0.0105	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	10MHz	VN	-20	819	-7.84	-0.0096	2.5
				-10	819	-8.76	-0.0107	2.5
				0	819	-7.31	-0.0089	2.5
				10	819	-8.29	-0.0101	2.5
				20	819	-7.90	-0.0096	2.5
				30	819	-8.35	-0.0102	2.5
				40	819	-7.71	-0.0094	2.5
				50	819	-8.94	-0.0109	2.5
			VL	20	819	-8.44	-0.0103	2.5
			VH	20	819	-7.21	-0.0088	2.5
			VN	-20	831.5	-8.99	-0.0108	2.5
				-10	831.5	-7.74	-0.0093	2.5
				0	831.5	-7.06	-0.0085	2.5
				10	831.5	-7.03	-0.0085	2.5
				20	831.5	-8.61	-0.0104	2.5
				30	831.5	-7.47	-0.0090	2.5
				40	831.5	-7.03	-0.0085	2.5
				50	831.5	-8.22	-0.0099	2.5
			VL	20	831.5	-7.41	-0.0089	2.5
			VH	20	831.5	-8.93	-0.0107	2.5
			VN	-20	844	-8.13	-0.0096	2.5
				-10	844	-7.90	-0.0094	2.5
				0	844	-8.31	-0.0098	2.5
				10	844	-7.06	-0.0084	2.5
				20	844	-7.60	-0.0090	2.5
				30	844	-8.34	-0.0099	2.5
				40	844	-8.69	-0.0103	2.5
				50	844	-7.33	-0.0087	2.5
			VL	20	844	-7.91	-0.0094	2.5
			VH	20	844	-7.47	-0.0089	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	15MHz	VN	-20	821.5	-8.54	-0.0104	2.5
				-10	821.5	-8.93	-0.0109	2.5
				0	821.5	-8.34	-0.0102	2.5
				10	821.5	-8.54	-0.0104	2.5
				20	821.5	-7.30	-0.0089	2.5
				30	821.5	-7.39	-0.0090	2.5
				40	821.5	-8.77	-0.0107	2.5
				50	821.5	-7.33	-0.0089	2.5
			VL	20	821.5	-7.52	-0.0092	2.5
			VH	20	821.5	-8.85	-0.0108	2.5
			VN	-20	831.5	-8.86	-0.0107	2.5
				-10	831.5	-7.87	-0.0095	2.5
				0	831.5	-8.48	-0.0102	2.5
				10	831.5	-8.44	-0.0102	2.5
				20	831.5	-7.87	-0.0095	2.5
				30	831.5	-7.56	-0.0091	2.5
				40	831.5	-7.69	-0.0092	2.5
				50	831.5	-7.51	-0.0090	2.5
			VL	20	831.5	-7.15	-0.0086	2.5
			VH	20	831.5	-8.16	-0.0098	2.5
			VN	-20	841.5	-7.07	-0.0084	2.5
				-10	841.5	-7.81	-0.0093	2.5
				0	841.5	-7.78	-0.0092	2.5
				10	841.5	-7.90	-0.0094	2.5
				20	841.5	-7.01	-0.0083	2.5
				30	841.5	-7.79	-0.0093	2.5
				40	841.5	-7.64	-0.0091	2.5
				50	841.5	-7.82	-0.0093	2.5
			VL	20	841.5	-8.20	-0.0097	2.5
			VH	20	841.5	-7.62	-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 BAND30	QPSK	5MHz	VN	-20	2307.5	16.65	0.0072	2.5
				-10	2307.5	16.47	0.0071	2.5
				0	2307.5	16.11	0.0070	2.5
				10	2307.5	16.38	0.0071	2.5
				20	2307.5	16.10	0.0070	2.5
				30	2307.5	15.61	0.0068	2.5
				40	2307.5	16.79	0.0073	2.5
				50	2307.5	16.61	0.0072	2.5
			VL	20	2307.5	15.64	0.0068	2.5
			VH	20	2307.5	15.29	0.0066	2.5
			VN	-20	2310	15.70	0.0068	2.5
				-10	2310	15.34	0.0066	2.5
				0	2310	15.56	0.0067	2.5
				10	2310	15.25	0.0066	2.5
				20	2310	15.87	0.0069	2.5
				30	2310	16.41	0.0071	2.5
				40	2310	15.84	0.0069	2.5
				50	2310	15.16	0.0066	2.5
			VL	20	2310	15.63	0.0068	2.5
			VH	20	2310	16.45	0.0071	2.5
			VN	-20	2312.5	16.15	0.0070	2.5
				-10	2312.5	15.25	0.0066	2.5
				0	2312.5	15.10	0.0065	2.5
				10	2312.5	15.39	0.0067	2.5
				20	2312.5	15.29	0.0066	2.5
				30	2312.5	16.00	0.0069	2.5
				40	2312.5	15.36	0.0066	2.5
				50	2312.5	16.73	0.0072	2.5
			VL	20	2312.5	15.22	0.0066	2.5
			VH	20	2312.5	16.52	0.0071	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	10MHz	VN	-20	2310	16.63	0.0072	2.5
				-10	2310	15.34	0.0066	2.5
				0	2310	15.76	0.0068	2.5
				10	2310	16.02	0.0069	2.5
				20	2310	15.68	0.0068	2.5
				30	2310	16.20	0.0070	2.5
				40	2310	16.22	0.0070	2.5
				50	2310	16.96	0.0073	2.5
			VL	20	2310	16.25	0.0070	2.5
			VH	20	2310	16.78	0.0073	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	5MHz	VN	-20	2498.5	22.02	0.0088	2.5
				-10	2498.5	22.76	0.0091	2.5
				0	2498.5	21.63	0.0087	2.5
				10	2498.5	22.76	0.0091	2.5
				20	2498.5	22.14	0.0089	2.5
				30	2498.5	21.69	0.0087	2.5
				40	2498.5	22.96	0.0092	2.5
				50	2498.5	22.47	0.0090	2.5
			VL	20	2498.5	22.20	0.0089	2.5
			VH	20	2498.5	22.03	0.0088	2.5
			VN	-20	2593	22.95	0.0089	2.5
				-10	2593	21.41	0.0083	2.5
				0	2593	22.87	0.0088	2.5
				10	2593	21.63	0.0083	2.5
				20	2593	21.21	0.0082	2.5
				30	2593	22.83	0.0088	2.5
				40	2593	22.35	0.0086	2.5
				50	2593	22.33	0.0086	2.5
			VL	20	2593	22.94	0.0088	2.5
			VH	20	2593	21.36	0.0082	2.5
			VN	-20	2687.5	22.95	0.0085	2.5
				-10	2687.5	21.93	0.0082	2.5
				0	2687.5	21.52	0.0080	2.5
				10	2687.5	21.21	0.0079	2.5
				20	2687.5	22.34	0.0083	2.5
				30	2687.5	22.49	0.0084	2.5
				40	2687.5	22.24	0.0083	2.5
				50	2687.5	22.04	0.0082	2.5
			VL	20	2687.5	21.03	0.0078	2.5
			VH	20	2687.5	22.46	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 BAND41	QPSK	10MHz	VN	-20	2501	21.97	0.0088	2.5
				-10	2501	22.89	0.0092	2.5
				0	2501	22.43	0.0090	2.5
				10	2501	22.64	0.0091	2.5
				20	2501	21.15	0.0085	2.5
				30	2501	22.44	0.0090	2.5
				40	2501	22.15	0.0089	2.5
				50	2501	22.18	0.0089	2.5
			VL	20	2501	21.02	0.0084	2.5
			VH	20	2501	22.68	0.0091	2.5
			VN	-20	2593	21.54	0.0083	2.5
				-10	2593	22.54	0.0087	2.5
				0	2593	21.05	0.0081	2.5
				10	2593	21.15	0.0082	2.5
				20	2593	22.48	0.0087	2.5
				30	2593	21.15	0.0082	2.5
				40	2593	22.96	0.0089	2.5
				50	2593	22.06	0.0085	2.5
			VL	20	2593	22.94	0.0088	2.5
			VH	20	2593	22.69	0.0088	2.5
			VN	-20	2685	22.71	0.0085	2.5
				-10	2685	22.54	0.0084	2.5
				0	2685	22.80	0.0085	2.5
				10	2685	22.07	0.0082	2.5
				20	2685	22.99	0.0086	2.5
				30	2685	21.75	0.0081	2.5
				40	2685	22.94	0.0085	2.5
				50	2685	22.76	0.0085	2.5
			VL	20	2685	21.50	0.0080	2.5
			VH	20	2685	22.99	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 BAND41	QPSK	15MHz	VN	-20	2503.5	22.63	0.0090	2.5
				-10	2503.5	21.26	0.0085	2.5
				0	2503.5	22.97	0.0092	2.5
				10	2503.5	21.36	0.0085	2.5
				20	2503.5	22.09	0.0088	2.5
				30	2503.5	21.78	0.0087	2.5
				40	2503.5	21.87	0.0087	2.5
				50	2503.5	21.63	0.0086	2.5
			VL	20	2503.5	21.86	0.0087	2.5
			VH	20	2503.5	21.23	0.0085	2.5
			VN	-20	2593	22.59	0.0087	2.5
				-10	2593	21.59	0.0083	2.5
				0	2593	21.36	0.0082	2.5
				10	2593	21.43	0.0083	2.5
				20	2593	21.94	0.0085	2.5
				30	2593	22.00	0.0085	2.5
				40	2593	22.91	0.0088	2.5
				50	2593	21.33	0.0082	2.5
			VL	20	2593	22.43	0.0087	2.5
			VH	20	2593	21.71	0.0084	2.5
			VN	-20	2682.5	22.35	0.0083	2.5
				-10	2682.5	22.79	0.0085	2.5
				0	2682.5	21.91	0.0082	2.5
				10	2682.5	22.39	0.0083	2.5
				20	2682.5	22.14	0.0083	2.5
				30	2682.5	21.93	0.0082	2.5
				40	2682.5	22.68	0.0085	2.5
				50	2682.5	22.90	0.0085	2.5
			VL	20	2682.5	21.18	0.0079	2.5
			VH	20	2682.5	22.34	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 BAND41	QPSK	20MHz	VN	-20	2506	22.17	0.0088	2.5
				-10	2506	21.27	0.0085	2.5
				0	2506	22.36	0.0089	2.5
				10	2506	22.92	0.0091	2.5
				20	2506	21.75	0.0087	2.5
				30	2506	22.25	0.0089	2.5
				40	2506	22.50	0.0090	2.5
				50	2506	21.46	0.0086	2.5
			VL	20	2506	21.37	0.0085	2.5
			VH	20	2506	22.14	0.0088	2.5
			VN	-20	2593	21.17	0.0082	2.5
				-10	2593	22.78	0.0088	2.5
				0	2593	22.21	0.0086	2.5
				10	2593	21.83	0.0084	2.5
				20	2593	22.66	0.0087	2.5
				30	2593	21.28	0.0082	2.5
				40	2593	22.24	0.0086	2.5
				50	2593	22.85	0.0088	2.5
			VL	20	2593	21.97	0.0085	2.5
			VH	20	2593	21.26	0.0082	2.5
			VN	-20	2680	21.17	0.0079	2.5
				-10	2680	22.24	0.0083	2.5
				0	2680	22.70	0.0085	2.5
				10	2680	21.62	0.0081	2.5
				20	2680	22.82	0.0085	2.5
				30	2680	22.93	0.0086	2.5
				40	2680	21.80	0.0081	2.5
				50	2680	22.72	0.0085	2.5
			VL	20	2680	21.05	0.0079	2.5
			VH	20	2680	21.52	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 BAND66	QPSK	1.4MHz	VN	-20	1710.7	14.44	0.0084	2.5
				-10	1710.7	15.06	0.0088	2.5
				0	1710.7	15.16	0.0089	2.5
				10	1710.7	14.43	0.0084	2.5
				20	1710.7	14.39	0.0084	2.5
				30	1710.7	15.52	0.0091	2.5
				40	1710.7	15.51	0.0091	2.5
				50	1710.7	14.61	0.0085	2.5
			VL	20	1710.7	14.79	0.0086	2.5
			VH	20	1710.7	14.04	0.0082	2.5
			VN	-20	1745	14.18	0.0081	2.5
				-10	1745	14.57	0.0083	2.5
				0	1745	15.69	0.0090	2.5
				10	1745	15.27	0.0087	2.5
				20	1745	15.92	0.0091	2.5
				30	1745	14.44	0.0083	2.5
				40	1745	15.69	0.0090	2.5
				50	1745	16.00	0.0092	2.5
			VL	20	1745	14.93	0.0086	2.5
			VH	20	1745	14.13	0.0081	2.5
			VN	-20	1779.3	15.98	0.0090	2.5
				-10	1779.3	14.23	0.0080	2.5
				0	1779.3	15.09	0.0085	2.5
				10	1779.3	14.30	0.0080	2.5
				20	1779.3	15.05	0.0085	2.5
				30	1779.3	14.18	0.0080	2.5
				40	1779.3	15.32	0.0086	2.5
				50	1779.3	14.71	0.0083	2.5
			VL	20	1779.3	15.90	0.0089	2.5
			VH	20	1779.3	14.69	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 BAND66	QPSK/16-QAM	3MHz	VN	-20	1711.5	14.32	0.0084	2.5
				-10	1711.5	15.87	0.0093	2.5
				0	1711.5	14.95	0.0087	2.5
				10	1711.5	15.17	0.0089	2.5
				20	1711.5	15.61	0.0091	2.5
				30	1711.5	14.07	0.0082	2.5
				40	1711.5	15.50	0.0091	2.5
				50	1711.5	14.47	0.0085	2.5
			VL	20	1711.5	14.14	0.0083	2.5
			VH	20	1711.5	15.95	0.0093	2.5
			VN	-20	1745	15.73	0.0090	2.5
				-10	1745	14.42	0.0083	2.5
				0	1745	15.24	0.0087	2.5
				10	1745	15.51	0.0089	2.5
				20	1745	14.03	0.0080	2.5
				30	1745	14.75	0.0085	2.5
				40	1745	14.68	0.0084	2.5
				50	1745	14.62	0.0084	2.5
			VL	20	1745	15.08	0.0086	2.5
			VH	20	1745	15.62	0.0090	2.5
			VN	-20	1778.5	14.24	0.0080	2.5
				-10	1778.5	15.01	0.0084	2.5
				0	1778.5	15.88	0.0089	2.5
				10	1778.5	14.07	0.0079	2.5
				20	1778.5	15.28	0.0086	2.5
				30	1778.5	14.98	0.0084	2.5
				40	1778.5	14.87	0.0084	2.5
				50	1778.5	15.46	0.0087	2.5
			VL	20	1778.5	14.66	0.0082	2.5
			VH	20	1778.5	15.46	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 BAND66	QPSK	5MHz	VN	-20	1712.5	15.21	0.0089	2.5
				-10	1712.5	14.12	0.0082	2.5
				0	1712.5	14.91	0.0087	2.5
				10	1712.5	15.29	0.0089	2.5
				20	1712.5	14.52	0.0085	2.5
				30	1712.5	14.63	0.0085	2.5
				40	1712.5	15.27	0.0089	2.5
				50	1712.5	14.36	0.0084	2.5
			VL	20	1712.5	14.77	0.0086	2.5
			VH	20	1712.5	14.74	0.0086	2.5
			VN	-20	1745	15.77	0.0090	2.5
				-10	1745	15.57	0.0089	2.5
				0	1745	15.39	0.0088	2.5
				10	1745	14.36	0.0082	2.5
				20	1745	14.42	0.0083	2.5
				30	1745	15.28	0.0088	2.5
				40	1745	14.11	0.0081	2.5
				50	1745	15.18	0.0087	2.5
			VL	20	1745	15.85	0.0091	2.5
			VH	20	1745	15.55	0.0089	2.5
			VN	-20	1778.5	14.09	0.0079	2.5
				-10	1778.5	14.45	0.0081	2.5
				0	1778.5	14.75	0.0083	2.5
				10	1778.5	15.81	0.0089	2.5
				20	1778.5	14.77	0.0083	2.5
				30	1778.5	15.34	0.0086	2.5
				40	1778.5	15.69	0.0088	2.5
				50	1778.5	14.82	0.0083	2.5
			VL	20	1778.5	15.44	0.0087	2.5
			VH	20	1778.5	15.34	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 BAND66	QPSK	10MHz	VN	-20	1715	15.74	0.0092	2.5
				-10	1715	14.79	0.0086	2.5
				0	1715	15.44	0.0090	2.5
				10	1715	15.06	0.0088	2.5
				20	1715	14.20	0.0083	2.5
				30	1715	14.08	0.0082	2.5
				40	1715	14.74	0.0086	2.5
				50	1715	15.34	0.0089	2.5
			VL	20	1715	14.85	0.0087	2.5
			VH	20	1715	14.48	0.0084	2.5
			VN	-20	1745	14.48	0.0083	2.5
				-10	1745	15.78	0.0090	2.5
				0	1745	15.95	0.0091	2.5
				10	1745	14.47	0.0083	2.5
				20	1745	14.47	0.0083	2.5
				30	1745	15.38	0.0088	2.5
				40	1745	14.82	0.0085	2.5
				50	1745	14.14	0.0081	2.5
			VL	20	1745	14.74	0.0084	2.5
			VH	20	1745	14.54	0.0083	2.5
			VN	-20	1775	14.80	0.0083	2.5
				-10	1775	15.32	0.0086	2.5
				0	1775	14.29	0.0080	2.5
				10	1775	15.97	0.0090	2.5
				20	1775	14.81	0.0083	2.5
				30	1775	14.89	0.0084	2.5
				40	1775	14.24	0.0080	2.5
				50	1775	14.05	0.0079	2.5
			VL	20	1775	14.47	0.0082	2.5
			VH	20	1775	15.43	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 BAND66	QPSK	15MHz	VN	-20	1717.5	14.76	0.0086	2.5
				-10	1717.5	14.94	0.0087	2.5
				0	1717.5	15.33	0.0089	2.5
				10	1717.5	14.38	0.0084	2.5
				20	1717.5	15.41	0.0090	2.5
				30	1717.5	15.54	0.0090	2.5
				40	1717.5	14.13	0.0082	2.5
				50	1717.5	15.94	0.0093	2.5
			VL	20	1717.5	15.43	0.0090	2.5
			VH	20	1717.5	15.38	0.0090	2.5
			VN	-20	1745	15.63	0.0090	2.5
				-10	1745	14.27	0.0082	2.5
				0	1745	15.25	0.0087	2.5
				10	1745	15.30	0.0088	2.5
				20	1745	15.28	0.0088	2.5
				30	1745	15.02	0.0086	2.5
				40	1745	15.36	0.0088	2.5
				50	1745	14.15	0.0081	2.5
			VL	20	1745	15.83	0.0091	2.5
			VH	20	1745	14.33	0.0082	2.5
			VN	-20	1772.5	15.93	0.0090	2.5
				-10	1772.5	15.98	0.0090	2.5
				0	1772.5	15.90	0.0090	2.5
				10	1772.5	14.64	0.0083	2.5
				20	1772.5	14.18	0.0080	2.5
				30	1772.5	15.45	0.0087	2.5
				40	1772.5	14.70	0.0083	2.5
				50	1772.5	14.83	0.0084	2.5
			VL	20	1772.5	14.91	0.0084	2.5
			VH	20	1772.5	14.72	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 BAND66	QPSK	20MHz	VN	-20	1720	15.15	0.0088	2.5
				-10	1720	15.11	0.0088	2.5
				0	1720	15.80	0.0092	2.5
				10	1720	15.95	0.0093	2.5
				20	1720	14.04	0.0082	2.5
				30	1720	15.12	0.0088	2.5
				40	1720	14.07	0.0082	2.5
				50	1720	14.87	0.0086	2.5
			VL	20	1720	15.65	0.0091	2.5
			VH	20	1720	15.22	0.0088	2.5
			VN	-20	1745	14.43	0.0083	2.5
				-10	1745	14.60	0.0084	2.5
				0	1745	15.97	0.0092	2.5
				10	1745	14.99	0.0086	2.5
				20	1745	14.04	0.0080	2.5
				30	1745	15.52	0.0089	2.5
				40	1745	14.64	0.0084	2.5
				50	1745	14.01	0.0080	2.5
			VL	20	1745	14.01	0.0080	2.5
			VH	20	1745	15.88	0.0091	2.5
			VN	-20	1770	15.40	0.0087	2.5
				-10	1770	14.57	0.0082	2.5
				0	1770	15.10	0.0085	2.5
				10	1770	15.80	0.0089	2.5
				20	1770	14.35	0.0081	2.5
				30	1770	15.67	0.0089	2.5
				40	1770	15.36	0.0087	2.5
				50	1770	14.17	0.0080	2.5
			VL	20	1770	14.39	0.0081	2.5
			VH	20	1770	14.60	0.0083	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 Babd7	QPSK	5MHz	Low	RB1#0	4.56	<=13	Pass
	QPSK	5MHz	Middle	RB1#0	4.58	<=13	Pass
	QPSK	5MHz	High	RB1#0	4.80	<=13	Pass
	16-QAM	5MHz	Low	RB1#0	5.59	<=13	Pass
	16-QAM	5MHz	Middle	RB1#0	5.27	<=13	Pass
	16-QAM	5MHz	High	RB1#0	6.08	<=13	Pass
LTE Babd7	QPSK	10MHz	Low	RB1#0	4.67	<=13	Pass
	QPSK	10MHz	Middle	RB1#0	4.74	<=13	Pass
	QPSK	10MHz	High	RB1#0	4.92	<=13	Pass
	16-QAM	10MHz	Low	RB1#0	5.52	<=13	Pass
	16-QAM	10MHz	Middle	RB1#0	5.11	<=13	Pass
	16-QAM	10MHz	High	RB1#0	6.08	<=13	Pass
TE Babd7	QPSK	15MHz	Low	RB1#0	4.53	<=13	Pass
	QPSK	15MHz	Middle	RB1#0	4.68	<=13	Pass
	QPSK	15MHz	High	RB1#0	4.94	<=13	Pass
	16-QAM	15MHz	Low	RB1#0	5.47	<=13	Pass
	16-QAM	15MHz	Middle	RB1#0	5.35	<=13	Pass
	16-QAM	15MHz	High	RB1#0	6.14	<=13	Pass
TE Babd7	QPSK	20MHz	Low	RB1#0	4.69	<=13	Pass
	QPSK	20MHz	Middle	RB1#0	4.44	<=13	Pass
	QPSK	20MHz	High	RB1#0	4.90	<=13	Pass
	16-QAM	20MHz	Low	RB1#0	5.57	<=13	Pass
	16-QAM	20MHz	Middle	RB1#0	5.20	<=13	Pass
	16-QAM	20MHz	High	RB1#0	5.88	<=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	4.79	<=13	Pass
	QPSK	1.4MHz	Middle	RB1#0	4.53	<=13	Pass
	QPSK	1.4MHz	High	RB1#0	4.83	<=13	Pass
	16-QAM	1.4MHz	Low	RB1#0	5.59	<=13	Pass
	16-QAM	1.4MHz	Middle	RB1#0	5.46	<=13	Pass
	16-QAM	1.4MHz	High	RB1#0	6.01	<=13	Pass
LTE Babd25	QPSK	3MHz	Low	RB1#0	4.67	<=13	Pass
	QPSK	3MHz	Middle	RB1#0	4.70	<=13	Pass
	QPSK	3MHz	High	RB1#0	4.95	<=13	Pass
	16-QAM	3MHz	Low	RB1#0	5.59	<=13	Pass
	16-QAM	3MHz	Middle	RB1#0	5.13	<=13	Pass
	16-QAM	3MHz	High	RB1#0	6.09	<=13	Pass
LTE Babd25	QPSK	5MHz	Low	RB1#0	4.59	<=13	Pass
	QPSK	5MHz	Middle	RB1#0	4.77	<=13	Pass
	QPSK	5MHz	High	RB1#0	4.90	<=13	Pass
	16-QAM	5MHz	Low	RB1#0	5.70	<=13	Pass
	16-QAM	5MHz	Middle	RB1#0	5.28	<=13	Pass
	16-QAM	5MHz	High	RB1#0	6.00	<=13	Pass
LTE Babd25	QPSK	10MHz	Low	RB1#0	4.58	<=13	Pass
	QPSK	10MHz	Middle	RB1#0	4.80	<=13	Pass
	QPSK	10MHz	High	RB1#0	5.02	<=13	Pass
	16-QAM	10MHz	Low	RB1#0	5.59	<=13	Pass
	16-QAM	10MHz	Middle	RB1#0	5.29	<=13	Pass
	16-QAM	10MHz	High	RB1#0	5.94	<=13	Pass
TE Babd25	QPSK	15MHz	Low	RB1#0	4.92	<=13	Pass
	QPSK	15MHz	Middle	RB1#0	4.17	<=13	Pass
	QPSK	15MHz	High	RB1#0	4.09	<=13	Pass
	16-QAM	15MHz	Low	RB1#0	5.60	<=13	Pass
	16-QAM	15MHz	Middle	RB1#0	5.21	<=13	Pass
	16-QAM	15MHz	High	RB1#0	4.76	<=13	Pass
TE Babd25	QPSK	20MHz	Low	RB1#0	4.59	<=13	Pass
	QPSK	20MHz	Middle	RB1#0	4.43	<=13	Pass
	QPSK	20MHz	High	RB1#0	3.88	<=13	Pass
	16-QAM	20MHz	Low	RB1#0	5.96	<=13	Pass
	16-QAM	20MHz	Middle	RB1#0	5.50	<=13	Pass
	16-QAM	20MHz	High	RB1#0	5.02	<=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	4.54	<=13	Pass
	QPSK	5MHz	Middle	RB1#0	4.78	<=13	Pass
	QPSK	5MHz	High	RB1#0	4.85	<=13	Pass
	16-QAM	5MHz	Low	RB1#0	5.43	<=13	Pass
	16-QAM	5MHz	Middle	RB1#0	5.41	<=13	Pass
	16-QAM	5MHz	High	RB1#0	6.12	<=13	Pass
LTE Babd30	QPSK	10MHz	Low	RB1#0	4.62	<=13	Pass
	QPSK	10MHz	Middle	RB1#0	4.56	<=13	Pass
	QPSK	10MHz	High	RB1#0	5.05	<=13	Pass
	16-QAM	10MHz	Low	RB1#0	/	<=13	Pass
	16-QAM	10MHz	Middle	RB1#0	5.36	<=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	4.68	<=13	Pass
	QPSK	5MHz	Middle	RB1#0	4.68	<=13	Pass
	QPSK	5MHz	High	RB1#0	4.95	<=13	Pass
	16-QAM	5MHz	Low	RB1#0	5.53	<=13	Pass
	16-QAM	5MHz	Middle	RB1#0	5.38	<=13	Pass
	16-QAM	5MHz	High	RB1#0	5.90	<=13	Pass
LTE Babd41	QPSK	10MHz	Low	RB1#0	4.62	<=13	Pass
	QPSK	10MHz	Middle	RB1#0	4.59	<=13	Pass
	QPSK	10MHz	High	RB1#0	5.06	<=13	Pass
	16-QAM	10MHz	Low	RB1#0	5.45	<=13	Pass
	16-QAM	10MHz	Middle	RB1#0	5.35	<=13	Pass
	16-QAM	10MHz	High	RB1#0	6.11	<=13	Pass
TE Babd41	QPSK	15MHz	Low	RB1#0	4.59	<=13	Pass
	QPSK	15MHz	Middle	RB1#0	4.30	<=13	Pass
	QPSK	15MHz	High	RB1#0	4.91	<=13	Pass
	16-QAM	15MHz	Low	RB1#0	5.77	<=13	Pass
	16-QAM	15MHz	Middle	RB1#0	5.38	<=13	Pass
	16-QAM	15MHz	High	RB1#0	5.89	<=13	Pass
TE Babd41	QPSK	20MHz	Low	RB1#0	4.74	<=13	Pass
	QPSK	20MHz	Middle	RB1#0	4.69	<=13	Pass
	QPSK	20MHz	High	RB1#0	4.88	<=13	Pass
	16-QAM	20MHz	Low	RB1#0	5.67	<=13	Pass
	16-QAM	20MHz	Middle	RB1#0	5.47	<=13	Pass
	16-QAM	20MHz	High	RB1#0	6.12	<=13	Pass

Operation Mode	Modulation	Band Width	Test Channel	Test RB	P. A .R (dB)	Limit (dB)	Verdict
LTE Babd66	QPSK	1.4MHz	Low	RB1#0	4.67	<=13	Pass
	QPSK	1.4MHz	Middle	RB1#0	4.61	<=13	Pass
	QPSK	1.4MHz	High	RB1#0	4.87	<=13	Pass
	16-QAM	1.4MHz	Low	RB1#0	5.51	<=13	Pass
	16-QAM	1.4MHz	Middle	RB1#0	5.46	<=13	Pass
	16-QAM	1.4MHz	High	RB1#0	6.07	<=13	Pass
LTE Babd66	QPSK	3MHz	Low	RB1#0	4.83	<=13	Pass
	QPSK	3MHz	Middle	RB1#0	4.45	<=13	Pass
	QPSK	3MHz	High	RB1#0	4.68	<=13	Pass
	16-QAM	3MHz	Low	RB1#0	5.46	<=13	Pass
	16-QAM	3MHz	Middle	RB1#0	5.38	<=13	Pass
	16-QAM	3MHz	High	RB1#0	6.05	<=13	Pass
LTE Babd66	QPSK	5MHz	Low	RB1#0	4.76	<=13	Pass
	QPSK	5MHz	Middle	RB1#0	4.53	<=13	Pass
	QPSK	5MHz	High	RB1#0	4.90	<=13	Pass
	16-QAM	5MHz	Low	RB1#0	5.49	<=13	Pass
	16-QAM	5MHz	Middle	RB1#0	5.33	<=13	Pass
	16-QAM	5MHz	High	RB1#0	6.28	<=13	Pass
LTE Babd66	QPSK	10MHz	Low	RB1#0	4.64	<=13	Pass
	QPSK	10MHz	Middle	RB1#0	4.73	<=13	Pass
	QPSK	10MHz	High	RB1#0	5.03	<=13	Pass
	16-QAM	10MHz	Low	RB1#0	5.69	<=13	Pass
	16-QAM	10MHz	Middle	RB1#0	5.41	<=13	Pass
	16-QAM	10MHz	High	RB1#0	6.03	<=13	Pass
TE Babd66	QPSK	15MHz	Low	RB1#0	4.82	<=13	Pass
	QPSK	15MHz	Middle	RB1#0	3.98	<=13	Pass
	QPSK	15MHz	High	RB1#0	4.42	<=13	Pass
	16-QAM	15MHz	Low	RB1#0	5.44	<=13	Pass
	16-QAM	15MHz	Middle	RB1#0	5.18	<=13	Pass
	16-QAM	15MHz	High	RB1#0	5.22	<=13	Pass
TE Babd66	QPSK	20MHz	Low	RB1#0	4.60	<=13	Pass
	QPSK	20MHz	Middle	RB1#0	4.48	<=13	Pass
	QPSK	20MHz	High	RB1#0	3.97	<=13	Pass
	16-QAM	20MHz	Low	RB1#0	6.19	<=13	Pass
	16-QAM	20MHz	Middle	RB1#0	5.27	<=13	Pass
	16-QAM	20MHz	High	RB1#0	4.93	<=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