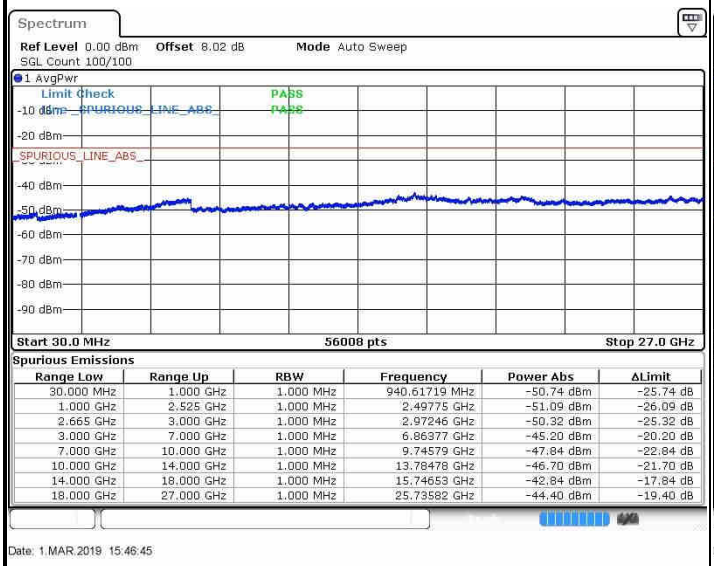
LTE Band 38 / 15MHz+15MHz

QPSK

Lowest Channel

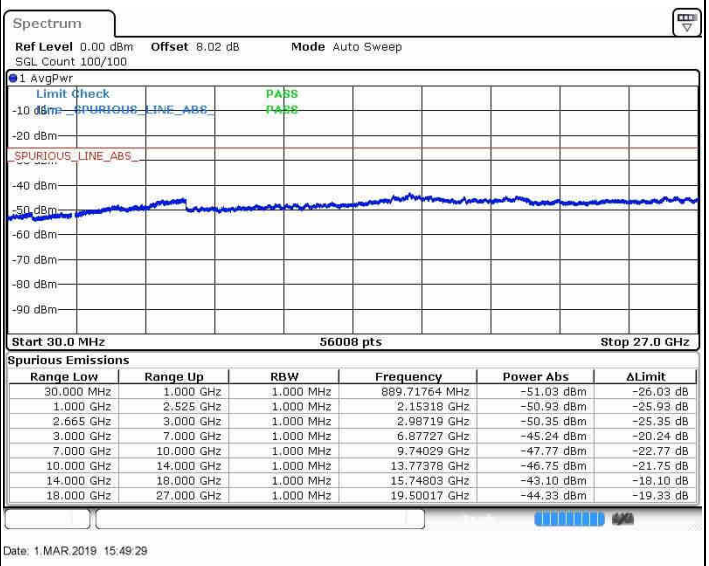


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	940.61719 MHz	-50.74 dBm	-25.74 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.49775 GHz	-51.09 dBm	-26.09 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.97246 GHz	-50.32 dBm	-25.32 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86377 GHz	-45.20 dBm	-20.20 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.74579 GHz	-47.84 dBm	-22.84 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.78478 GHz	-46.70 dBm	-21.70 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.74653 GHz	-42.84 dBm	-17.84 dB
18.000 GHz	27.000 GHz	1.000 MHz	25.73582 GHz	-44.40 dBm	-19.40 dB

Date: 1.MAR.2019 15:46:45

Middle Channel

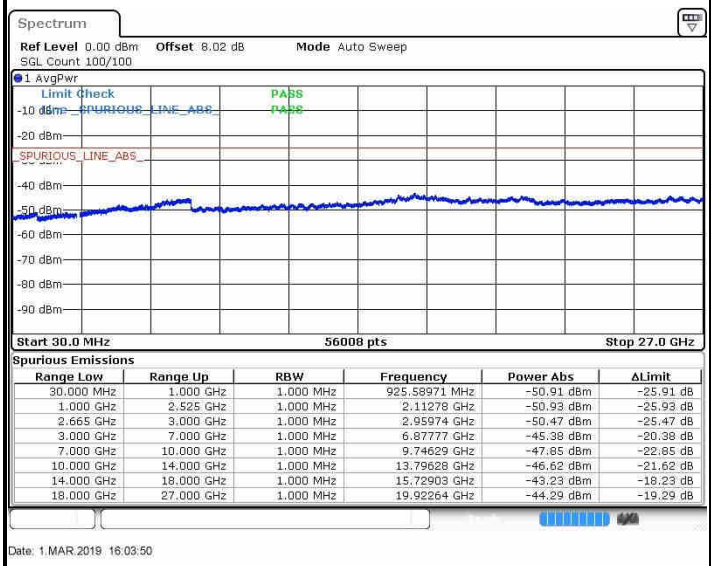


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	889.71764 MHz	-51.03 dBm	-26.03 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.15318 GHz	-50.93 dBm	-25.93 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.98719 GHz	-50.35 dBm	-25.35 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87727 GHz	-45.24 dBm	-20.24 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.74029 GHz	-47.77 dBm	-22.77 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.77378 GHz	-46.75 dBm	-21.75 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.74803 GHz	-43.10 dBm	-18.10 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.50017 GHz	-44.33 dBm	-19.33 dB

Date: 1.MAR.2019 15:49:29

Highest Channel



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	925.58971 MHz	-50.91 dBm	-25.91 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.11278 GHz	-50.93 dBm	-25.93 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.95974 GHz	-50.47 dBm	-25.47 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87777 GHz	-45.38 dBm	-20.38 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.74629 GHz	-47.85 dBm	-22.85 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.79628 GHz	-46.62 dBm	-21.62 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.72903 GHz	-43.23 dBm	-18.23 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.92264 GHz	-44.29 dBm	-19.29 dB

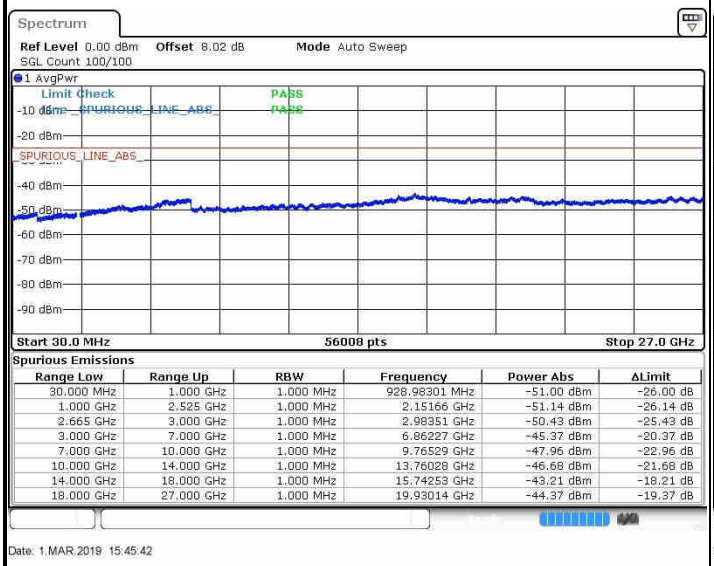
Date: 1.MAR.2019 16:03:50

N/A

LTE Band 38 / 15MHz+15MHz

16QAM

Lowest Channel

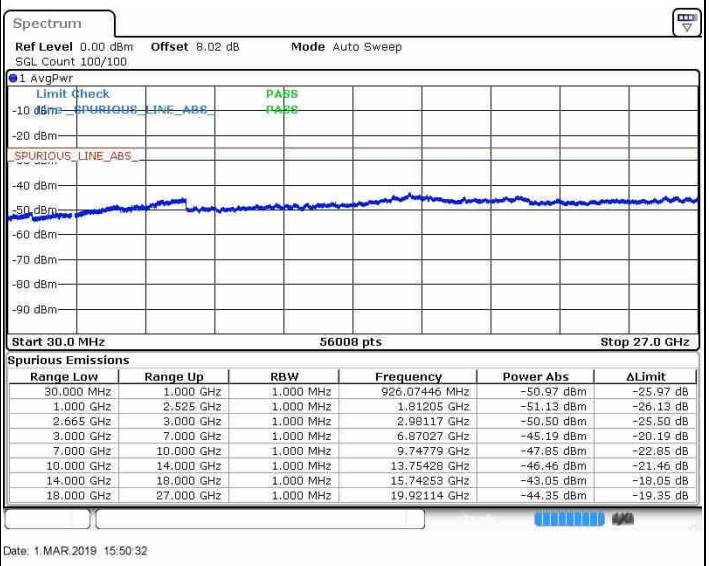


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	928.98301 MHz	-51.00 dBm	-26.00 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.15166 GHz	-51.14 dBm	-26.14 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.98351 GHz	-50.43 dBm	-25.43 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86227 GHz	-45.37 dBm	-20.37 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.76529 GHz	-47.96 dBm	-22.96 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.76028 GHz	-46.68 dBm	-21.68 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.74253 GHz	-43.21 dBm	-18.21 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.93014 GHz	-44.37 dBm	-19.37 dB

Date: 1.MAR.2019 15:45:42

Middle Channel

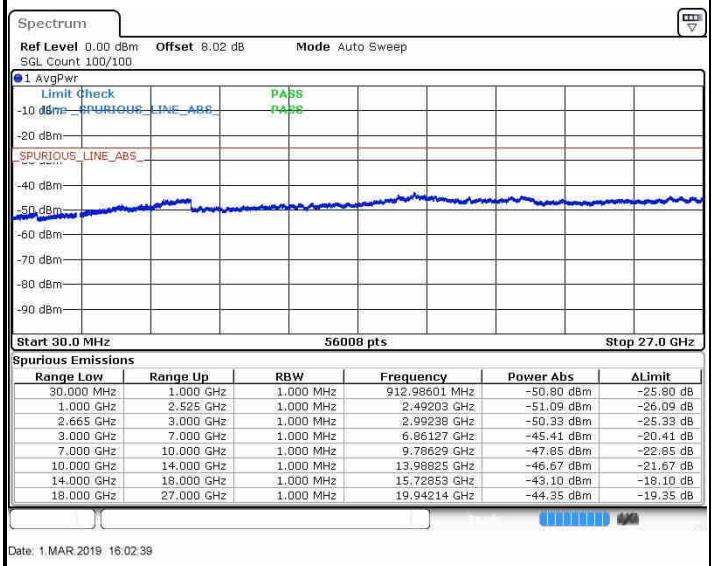


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	926.07446 MHz	-50.97 dBm	-25.97 dB
1.000 GHz	2.525 GHz	1.000 MHz	1.81205 GHz	-51.13 dBm	-26.13 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.98117 GHz	-50.50 dBm	-25.50 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87027 GHz	-45.19 dBm	-20.19 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.74779 GHz	-47.85 dBm	-22.85 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.75428 GHz	-46.46 dBm	-21.46 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.74253 GHz	-43.05 dBm	-18.05 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.92114 GHz	-44.35 dBm	-19.35 dB

Date: 1.MAR.2019 15:50:32

Highest Channel



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	912.98601 MHz	-50.80 dBm	-25.80 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.49203 GHz	-51.09 dBm	-26.09 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.99238 GHz	-50.33 dBm	-25.33 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86127 GHz	-45.41 dBm	-20.41 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.78629 GHz	-47.85 dBm	-22.85 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.98825 GHz	-46.67 dBm	-21.67 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.72853 GHz	-43.10 dBm	-18.10 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.94214 GHz	-44.35 dBm	-19.35 dB

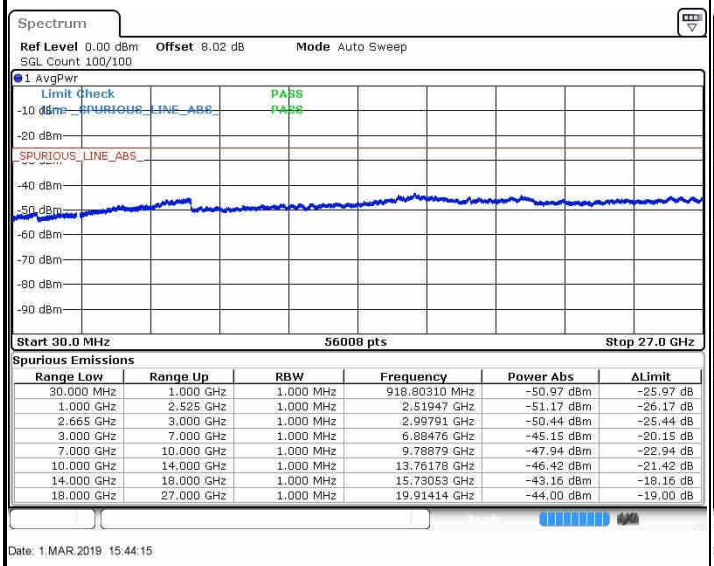
Date: 1.MAR.2019 16:02:39

N/A

LTE Band 38 / 15MHz+15MHz

64QAM

Lowest Channel

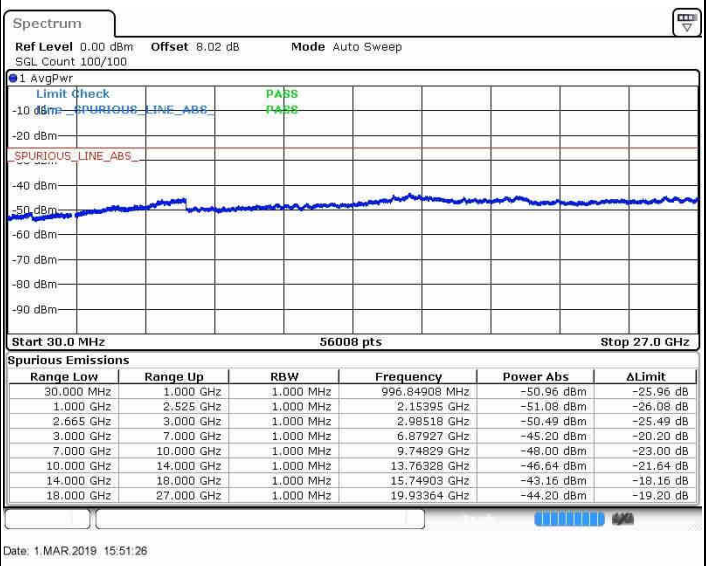


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	918.80310 MHz	-50.97 dBm	-25.97 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.51947 GHz	-51.17 dBm	-26.17 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.99791 GHz	-50.44 dBm	-25.44 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88476 GHz	-45.15 dBm	-20.15 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.78879 GHz	-47.94 dBm	-22.94 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.76178 GHz	-46.42 dBm	-21.42 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.73053 GHz	-43.16 dBm	-18.16 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.91414 GHz	-44.00 dBm	-19.00 dB

Date: 1.MAR.2019 15:44:15

Middle Channel

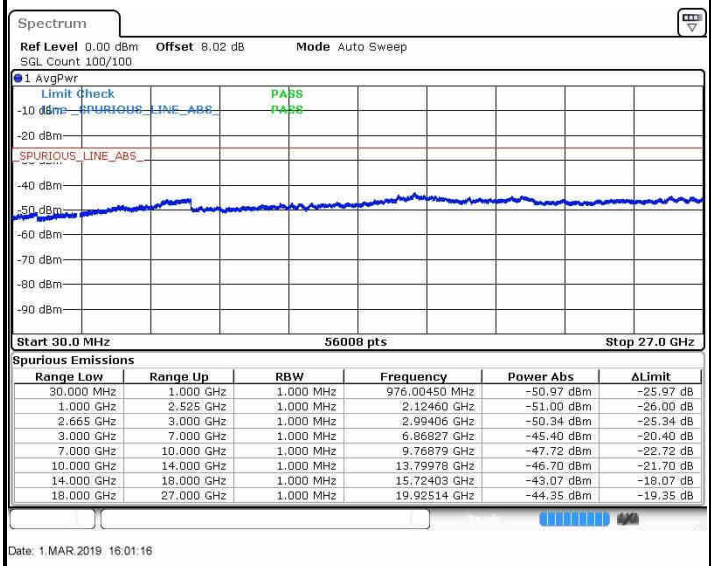


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	996.84908 MHz	-50.96 dBm	-25.96 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.15395 GHz	-51.08 dBm	-26.08 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.98518 GHz	-50.49 dBm	-25.49 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87927 GHz	-45.20 dBm	-20.20 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.74829 GHz	-48.00 dBm	-23.00 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.76328 GHz	-46.64 dBm	-21.64 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.74903 GHz	-43.16 dBm	-18.16 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.93364 GHz	-44.20 dBm	-19.20 dB

Date: 1.MAR.2019 15:51:26

Highest Channel



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	976.00450 MHz	-50.97 dBm	-25.97 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.12460 GHz	-51.00 dBm	-26.00 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.99406 GHz	-50.34 dBm	-25.34 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86827 GHz	-45.40 dBm	-20.40 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.76879 GHz	-47.72 dBm	-22.72 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.79978 GHz	-46.70 dBm	-21.70 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.72403 GHz	-43.07 dBm	-18.07 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.92514 GHz	-44.35 dBm	-19.35 dB

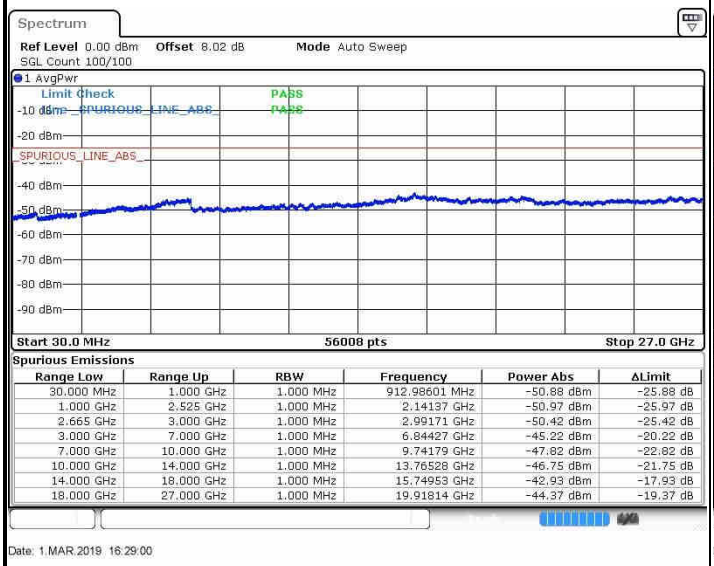
Date: 1.MAR.2019 16:01:16

N/A

LTE Band 38 / 20MHz+20MHz

QPSK

Lowest Channel

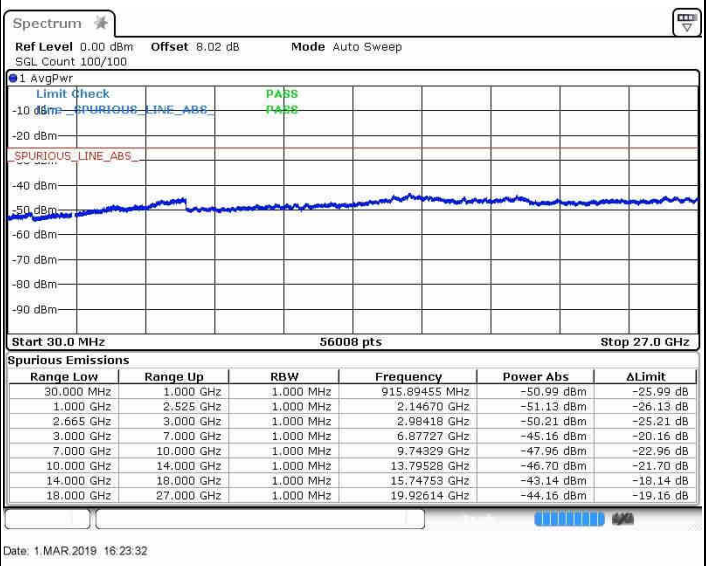


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	912.98601 MHz	-50.88 dBm	-25.88 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.14137 GHz	-50.97 dBm	-25.97 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.99171 GHz	-50.42 dBm	-25.42 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84427 GHz	-45.22 dBm	-20.22 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.74179 GHz	-47.82 dBm	-22.82 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.76528 GHz	-46.75 dBm	-21.75 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.74953 GHz	-42.93 dBm	-17.93 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.91814 GHz	-44.37 dBm	-19.37 dB

Date: 1.MAR.2019 16:29:00

Middle Channel

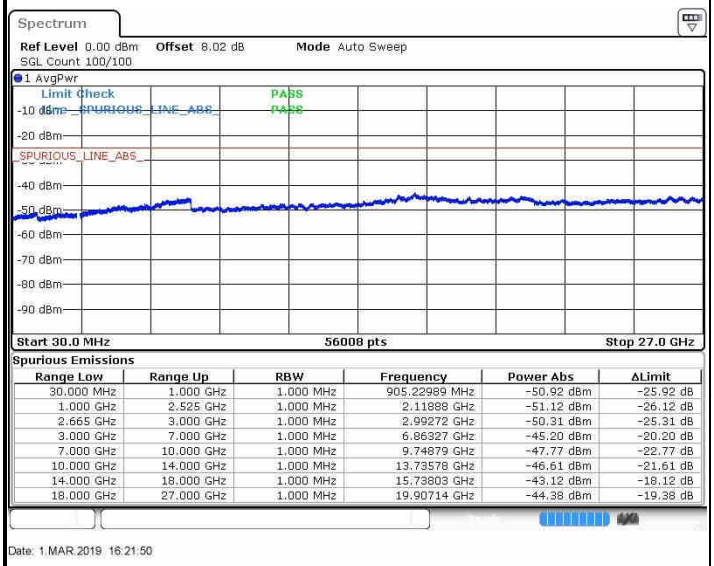


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	915.89455 MHz	-50.99 dBm	-25.99 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.14670 GHz	-51.13 dBm	-26.13 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.98418 GHz	-50.21 dBm	-25.21 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87727 GHz	-45.16 dBm	-20.16 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.74329 GHz	-47.96 dBm	-22.96 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.79528 GHz	-46.70 dBm	-21.70 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.74753 GHz	-43.14 dBm	-18.14 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.92614 GHz	-44.16 dBm	-19.16 dB

Date: 1.MAR.2019 16:23:32

Highest Channel



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	905.22989 MHz	-50.92 dBm	-25.92 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.11888 GHz	-51.12 dBm	-26.12 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.99272 GHz	-50.31 dBm	-25.31 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86327 GHz	-45.20 dBm	-20.20 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.74879 GHz	-47.77 dBm	-22.77 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.73578 GHz	-46.61 dBm	-21.61 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.73803 GHz	-43.12 dBm	-18.12 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.90714 GHz	-44.38 dBm	-19.38 dB

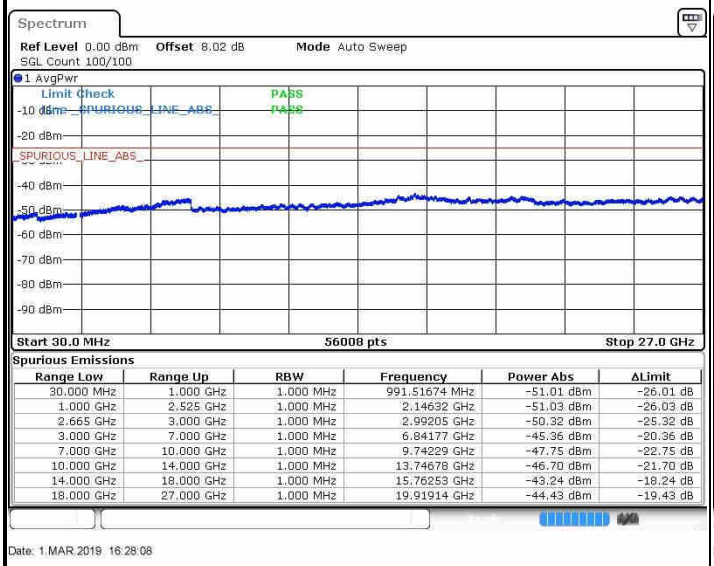
Date: 1.MAR.2019 16:21:50

N/A

LTE Band 38 / 20MHz+20MHz

16QAM

Lowest Channel

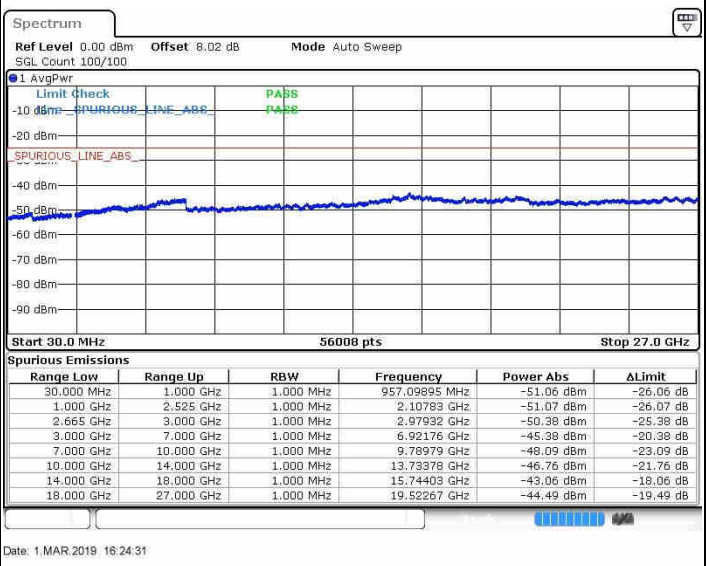


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	991.51674 MHz	-51.01 dBm	-26.01 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.14632 GHz	-51.03 dBm	-26.03 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.99205 GHz	-50.32 dBm	-25.32 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.84177 GHz	-45.36 dBm	-20.36 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.74229 GHz	-47.75 dBm	-22.75 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.74678 GHz	-46.70 dBm	-21.70 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.76253 GHz	-43.24 dBm	-18.24 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.91914 GHz	-44.43 dBm	-19.43 dB

Date: 1.MAR.2019 16:28:08

Middle Channel

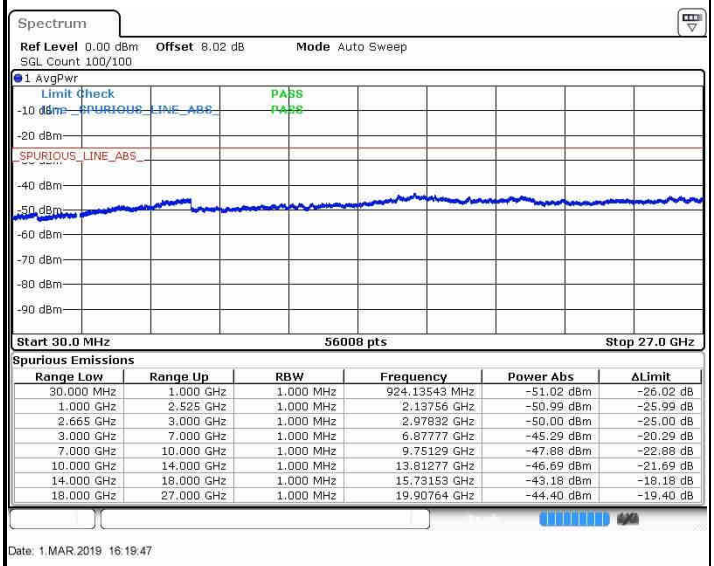


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	957.09895 MHz	-51.06 dBm	-26.06 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.10793 GHz	-51.07 dBm	-26.07 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.97932 GHz	-50.38 dBm	-25.38 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.92176 GHz	-45.38 dBm	-20.38 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.78979 GHz	-48.09 dBm	-23.09 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.73378 GHz	-46.76 dBm	-21.76 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.74403 GHz	-43.06 dBm	-18.06 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.52267 GHz	-44.49 dBm	-19.49 dB

Date: 1.MAR.2019 16:24:31

Highest Channel



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	924.13543 MHz	-51.02 dBm	-26.02 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.13756 GHz	-50.99 dBm	-25.99 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.97832 GHz	-50.00 dBm	-25.00 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.87777 GHz	-45.29 dBm	-20.29 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.75129 GHz	-47.88 dBm	-22.88 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.81277 GHz	-46.69 dBm	-21.69 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.73153 GHz	-43.18 dBm	-18.18 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.90764 GHz	-44.40 dBm	-19.40 dB

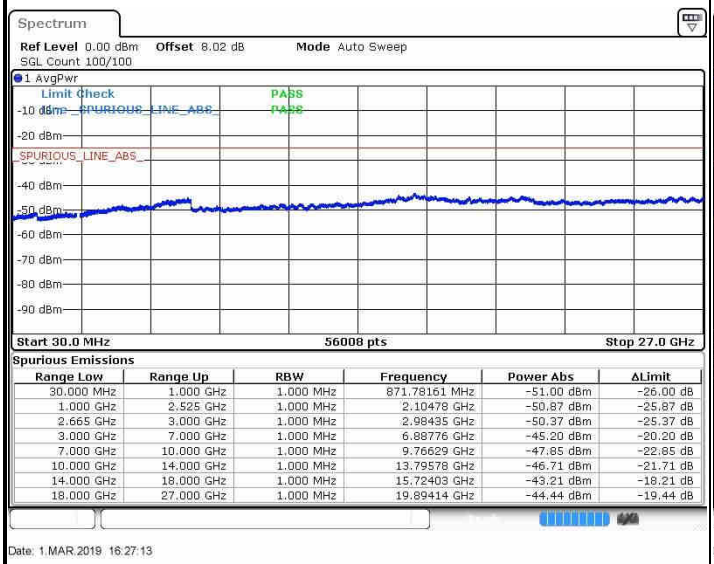
Date: 1.MAR.2019 16:19:47

N/A

LTE Band 38 / 20MHz+20MHz

64QAM

Lowest Channel

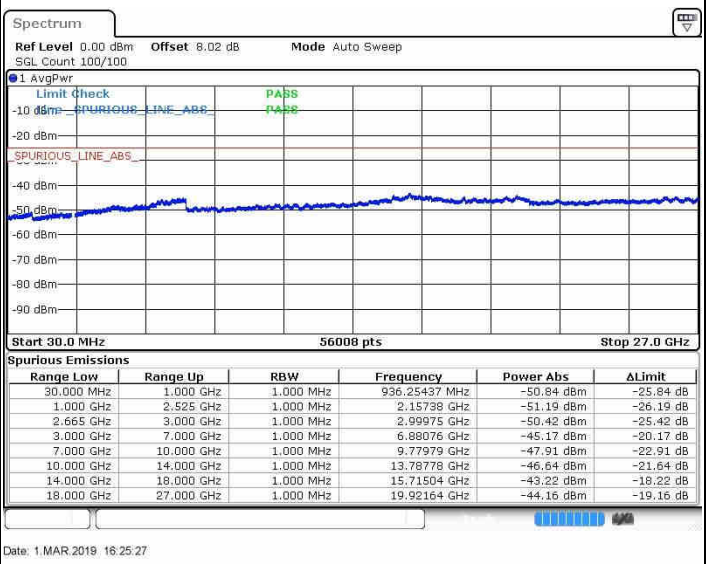


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	871.78161 MHz	-51.00 dBm	-26.00 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.10478 GHz	-50.87 dBm	-25.87 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.98435 GHz	-50.37 dBm	-25.37 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88776 GHz	-45.20 dBm	-20.20 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.76629 GHz	-47.85 dBm	-22.85 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.79578 GHz	-46.71 dBm	-21.71 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.72403 GHz	-43.21 dBm	-18.21 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.89414 GHz	-44.44 dBm	-19.44 dB

Date: 1.MAR.2019 16:27:13

Middle Channel

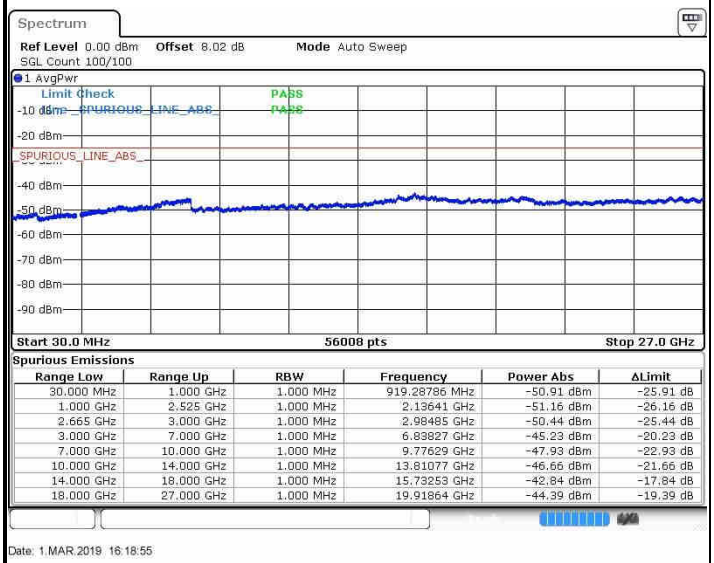


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	936.25437 MHz	-50.84 dBm	-25.84 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.15738 GHz	-51.19 dBm	-26.19 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.99975 GHz	-50.42 dBm	-25.42 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88076 GHz	-45.17 dBm	-20.17 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.77979 GHz	-47.91 dBm	-22.91 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.78778 GHz	-46.64 dBm	-21.64 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.71504 GHz	-43.22 dBm	-18.22 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.92164 GHz	-44.16 dBm	-19.16 dB

Date: 1.MAR.2019 16:25:27

Highest Channel



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	919.28786 MHz	-50.91 dBm	-25.91 dB
1.000 GHz	2.525 GHz	1.000 MHz	2.13641 GHz	-51.16 dBm	-26.16 dB
2.665 GHz	3.000 GHz	1.000 MHz	2.98485 GHz	-50.44 dBm	-25.44 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.83827 GHz	-45.23 dBm	-20.23 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.77629 GHz	-47.93 dBm	-22.93 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.81077 GHz	-46.66 dBm	-21.66 dB
14.000 GHz	18.000 GHz	1.000 MHz	15.73253 GHz	-42.84 dBm	-17.84 dB
18.000 GHz	27.000 GHz	1.000 MHz	19.91864 GHz	-44.39 dBm	-19.39 dB

Date: 1.MAR.2019 16:18:55

N/A

Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0004	PASS
40	Normal Voltage	0.0026	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0009	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0024	
-30	Normal Voltage	0.0029	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0013	

Note:

1. Normal Voltage =3.87 V.；Battery End Point (BEP) =3.7 V.；Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0021	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0019	
-30	Normal Voltage	0.0018	
20	Maximum Voltage	0.0031	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage =3.87 V.；Battery End Point (BEP) =3.7 V.；Maximum Voltage =4.35 V.

2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0017	PASS
40	Normal Voltage	0.0061	
30	Normal Voltage	0.0080	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0072	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0057	
-30	Normal Voltage	0.0085	
20	Maximum Voltage	0.0054	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0002	

Note: Normal Voltage =3.87 V.；Battery End Point (BEP) =3.7 V.；Maximum Voltage =4.35 V.

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0027	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0022	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0018	
-10	Normal Voltage	0.0000	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0021	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0002	

Note:

1. Normal Voltage =3.87 V.；Battery End Point (BEP) =3.7 V.；Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0002	PASS
40	Normal Voltage	0.0020	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0015	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0018	

Note:

1. Normal Voltage =3.87 V.；Battery End Point (BEP) =3.7 V.；Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

LTE Band 2 / 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3741	-56.81	-13	-43.81	-63.38	1.848	8.42	H
	5613.27	-53.65	-13	-40.65	-62.01	2.32	10.68	H
	7488	-51.15	-13	-38.15	-60.48	2.61	11.94	H
	3742.18	-57.06	-13	-44.06	-63.63	1.85	8.42	V
	5613	-54.75	-13	-41.75	-63.11	2.32	10.68	V
	7488	-51.94	-13	-38.94	-61.27	2.61	11.94	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 4 / 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3447	-56.69	-13	-43.69	-63.01	1.81	8.13	H
	5170.77	-55.61	-13	-42.61	-63.59	2.222	10.20	H
	6894	-53.45	-13	-40.45	-62.27	2.54	11.36	H
	3447.18	-55.44	-13	-42.44	-61.76	1.81	8.13	V
	5172	-56.10	-13	-43.10	-64.08	2.222	10.20	V
	6894	-54.18	-13	-41.18	-63.00	2.54	11.36	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 5 / 10MHz / QPSK								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1664	-63.01	-13	-50.01	-69.98	1.58	10.70	H
	2495.79	-63.79	-13	-50.79	-72.04	2.102	12.50	H
	3330	-64.66	-13	-51.66	-73.55	2.856	13.90	H
	1664	-61.80	-13	-48.80	-68.77	1.58	10.70	V
	2496	-63.37	-13	-50.37	-71.62	2.10	12.50	V
	3330	-64.19	-13	-51.19	-73.08	2.86	13.90	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 7 / 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5052	-66.27	-25	-41.27	-76.48	3.03	13.24	H
	7576	-60.43	-25	-35.43	-69.88	3.56	13.01	H
	10100	-57.44	-25	-32.44	-66.96	3.92	13.44	H
	5052	-65.59	-25	-40.59	-75.80	3.03	13.24	V
	7576	-58.90	-25	-33.90	-68.35	3.56	13.01	V
	10100	-57.84	-25	-32.84	-67.36	3.92	13.44	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 41 / 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5168	-64.31	-25	-39.31	-72.34	2.18	10.21	H
	7752	-58.41	-25	-33.41	-67.72	2.69	12.00	H
	10332	-50.18	-25	-25.18	-59.89	3.19	12.90	H
	5168	-64.34	-25	-39.34	-72.37	2.18	10.21	V
	7752	-55.55	-25	-30.55	-64.86	2.69	12.00	V
	10332	-50.18	-25	-25.18	-59.89	3.19	12.90	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

For CA:

LTE Band 7C_CA / 20M+20M / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5032	-65.55	-25	-40.55	-73.58	2.18	10.21	H
	7548	-60.60	-25	-35.60	-69.91	2.69	12.00	H
	10060	-58.10	-25	-33.10	-67.81	3.19	12.90	H
	5032	-65.31	-25	-40.31	-73.34	2.18	10.21	V
	7548	-59.01	-25	-34.01	-68.32	2.69	12.00	V
	10060	-59.11	-25	-34.11	-68.82	3.19	12.90	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 38C_CA / 20M+20M / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5192	-66.14	-25	-41.14	-74.17	2.18	10.21	H
	7784	-55.02	-25	-30.02	-64.33	2.69	12.00	H
	10380	-57.10	-25	-32.10	-66.81	3.19	12.90	H
	5192	-66.52	-25	-41.52	-74.55	2.18	10.21	V
	7784	-54.72	-25	-29.72	-64.03	2.69	12.00	V
	10380	-59.17	-25	-34.17	-68.88	3.19	12.90	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.