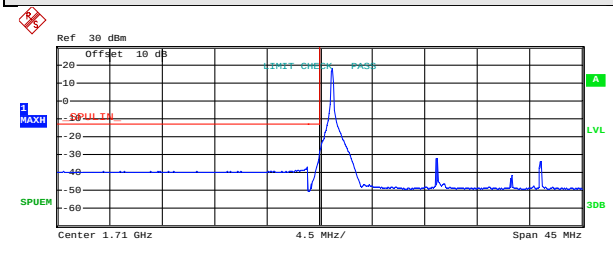
20MHz:

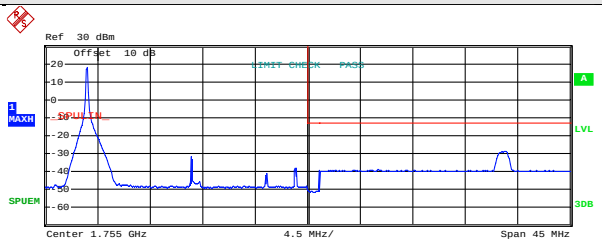
Test Mode:	LTE band 4(QPSK RB Size 1 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.688 G	1.709 G	1.00 M	1.709000 G	-36.78	-23.78
1.709 G	1.710 G	30.00 k	1.709984 G	-32.73	-19.73
1.710 G	1.732 G	100.00 k	1.711080 G	17.83	-15.17

Date: 8.JUN.2017 16:30:05

Lowest channel

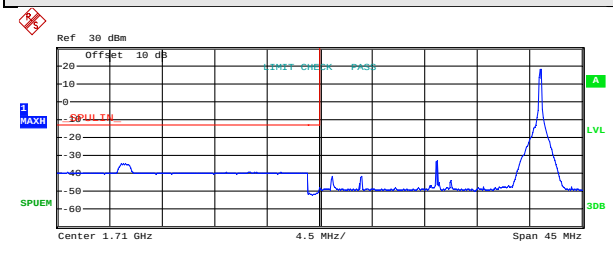


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.732 G	1.755 G	100.00 k	1.736100 G	17.80	-15.20
1.755 G	1.756 G	30.00 k	1.755836 G	-50.85	-37.85
1.756 G	1.778 G	1.00 M	1.771802 G	-28.59	-15.59

Date: 8.JUN.2017 16:32:39

Highest channel

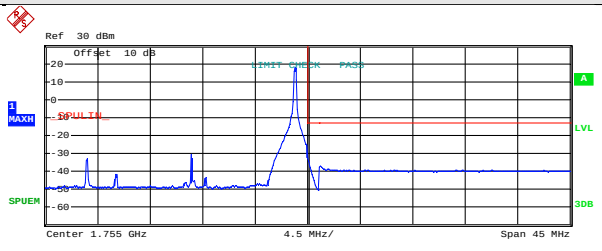
Test Mode:	LTE band 4(QPSK RB Size 1 & RB Offset 99)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.688 G	1.709 G	1.00 M	1.692983 G	-34.70	-21.70
1.709 G	1.710 G	30.00 k	1.709923 G	-49.95	-36.95
1.710 G	1.732 G	100.00 k	1.728922 G	17.88	-15.12

Date: 8.JUN.2017 16:30:24

Lowest channel

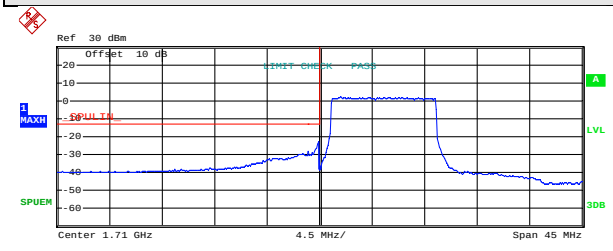


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.732 G	1.755 G	100.00 k	1.753920 G	18.02	-14.98
1.755 G	1.756 G	30.00 k	1.755001 G	-32.92	-19.92
1.756 G	1.778 G	1.00 M	1.756021 G	-36.74	-23.74

Date: 8.JUN.2017 16:32:58

Highest channel

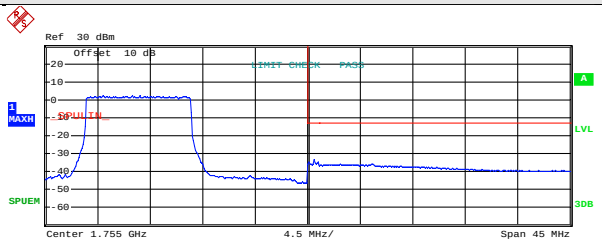
Test Mode:	LTE band 4(QPSK RB Size 50 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.688 G	1.709 G	1.00 M	1.708570 G	-29.53	-16.53
1.709 G	1.710 G	300.00 k	1.709963 G	-23.02	-10.02
1.710 G	1.732 G	100.00 k	1.711755 G	2.09	-30.91

Date: 8.JUN.2017 16:30:50

Lowest channel

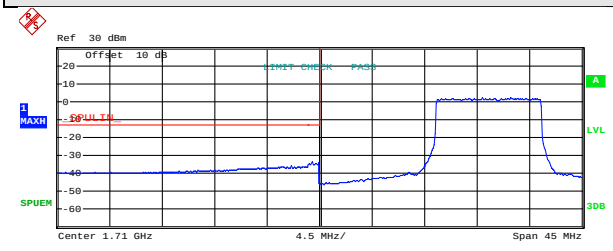


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.732 G	1.755 G	100.00 k	1.737450 G	2.39	-30.61
1.755 G	1.756 G	300.00 k	1.755545 G	-33.34	-20.34
1.756 G	1.778 G	1.00 M	1.757785 G	-35.40	-22.40

Date: 8.JUN.2017 16:33:25

Highest channel

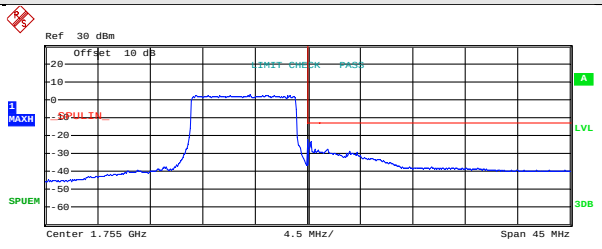
Test Mode:	LTE band 4(QPSK RB Size 50 & RB Offset 49)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.688 G	1.709 G	1.00 M	1.707581 G	-36.04	-23.04
1.709 G	1.710 G	300.00 k	1.709398 G	-33.73	-20.73
1.710 G	1.732 G	100.00 k	1.723950 G	2.05	-30.95

Date: 8.JUN.2017 16:31:21

Lowest channel

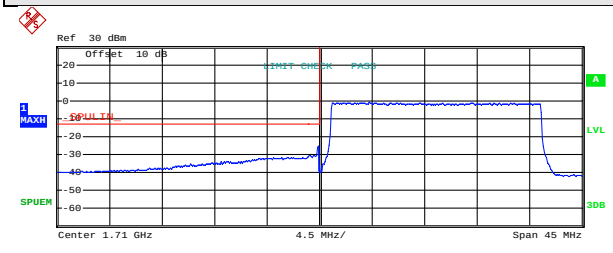


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.732 G	1.755 G	100.00 k	1.750050 G	2.65	-30.35
1.755 G	1.756 G	300.00 k	1.755032 G	-22.42	-9.42
1.756 G	1.778 G	1.00 M	1.756645 G	-27.76	-14.76

Date: 8.JUN.2017 16:33:47

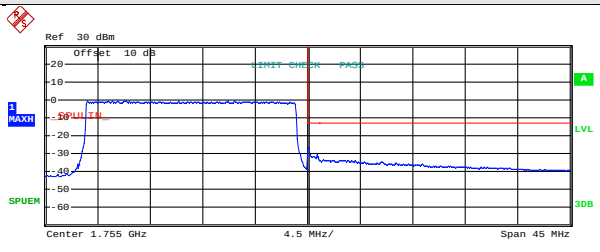
Highest channel

Test Mode:	LTE band 4(QPSK RB Size 100 & RB Offset 0)



Date: 8.JUN.2017 16:31:42

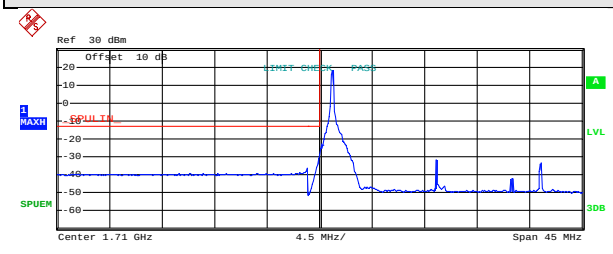
Lowest channel



Date: 8.JUN.2017 16:34:10

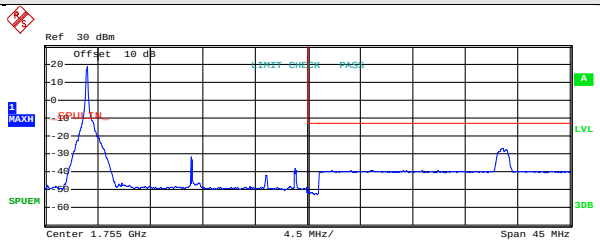
Highest channel

Test Mode:	LTE band 4(16QAM RB Size 1 & RB Offset 0)



Date: 8.JUN.2017 16:30:13

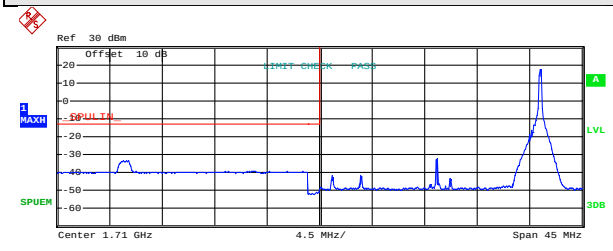
Lowest channel



Date: 8.JUN.2017 16:32:47

Highest channel

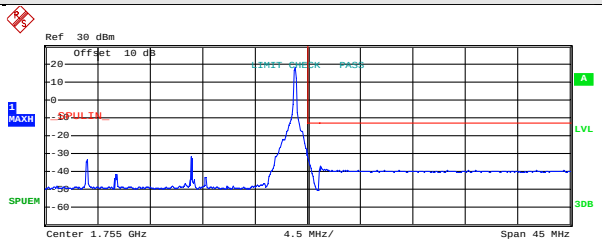
Test Mode:	LTE band 4(16QAM RB Size 1 & RB Offset 99)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.688 G	1.709 G	1.00 M	1.693112 G	-33.45	-20.45
1.709 G	1.710 G	30.00 k	1.709978 G	-50.72	-37.72
1.710 G	1.732 G	100.00 k	1.728900 G	17.42	-15.58

Date: 8.JUN.2017 16:30:33

Lowest channel

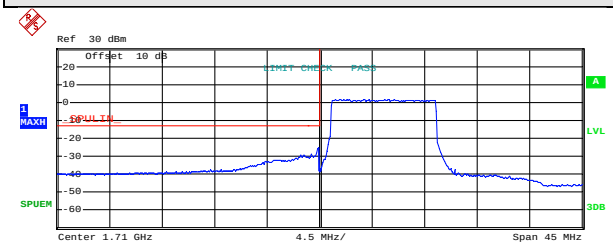


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.732 G	1.755 G	100.00 k	1.753898 G	17.90	-15.10
1.755 G	1.756 G	30.00 k	1.755006 G	-31.76	-18.76
1.756 G	1.778 G	1.00 M	1.756043 G	-36.88	-23.88

Date: 8.JUN.2017 16:33:07

Highest channel

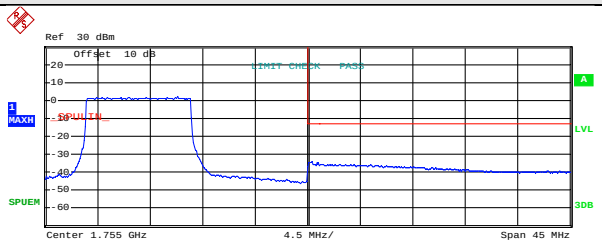
Test Mode:	LTE band 4(16QAM RB Size 50 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.688 G	1.709 G	1.00 M	1.708398 G	-29.29	-16.29
1.709 G	1.710 G	300.00 k	1.709964 G	-25.03	-12.03
1.710 G	1.732 G	100.00 k	1.711755 G	1.88	-31.12

Date: 8.JUN.2017 16:31:07

Lowest channel

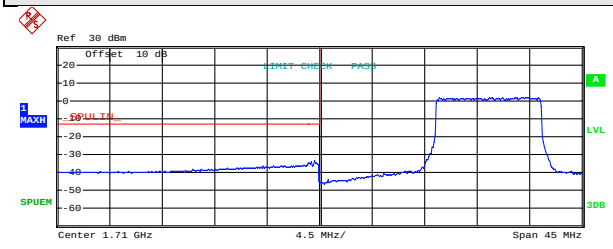


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.732 G	1.755 G	100.00 k	1.743863 G	2.00	-31.00
1.755 G	1.756 G	300.00 k	1.755331 G	-33.87	-20.87
1.756 G	1.778 G	1.00 M	1.760343 G	-35.57	-22.57

Date: 8.JUN.2017 16:33:35

Highest channel

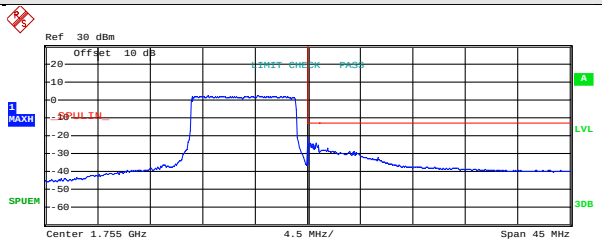
Test Mode:	LTE band 4(16QAM RB Size 50 & RB Offset 49)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.688 G	1.709 G	1.00 M	1.708957 G	-35.55	-22.55
1.709 G	1.710 G	300.00 k	1.709580 G	-33.26	-20.26
1.710 G	1.732 G	100.00 k	1.724580 G	1.92	-31.08

Date: 8.JUN.2017 16:31:30

Lowest channel

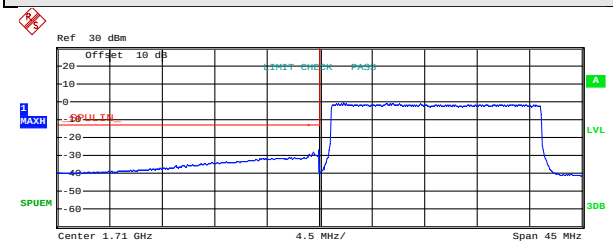


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.732 G	1.755 G	100.00 k	1.750703 G	2.36	-30.64
1.755 G	1.756 G	300.00 k	1.755005 G	-21.17	-8.17
1.756 G	1.778 G	1.00 M	1.756645 G	-27.19	-14.19

Date: 8.JUN.2017 16:33:57

Highest channel

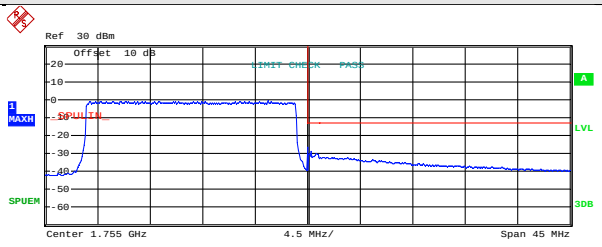
Test Mode:	LTE band 4(16QAM RB Size 100 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.688 G	1.709 G	1.00 M	1.707388 G	-31.07	-18.07
1.709 G	1.710 G	300.00 k	1.709999 G	-27.00	-14.00
1.710 G	1.732 G	100.00 k	1.712047 G	-0.98	-33.98

Date: 8.JUN.2017 16:31:49

Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.732 G	1.755 G	100.00 k	1.751535 G	-0.92	-33.92
1.755 G	1.756 G	300.00 k	1.755032 G	-26.31	-13.31
1.756 G	1.778 G	1.00 M	1.756021 G	-31.48	-18.48

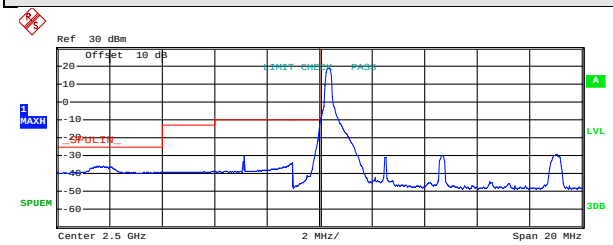
Date: 8.JUN.2017 16:34:18

Highest channel

LTE band 7 part:

5MHz:

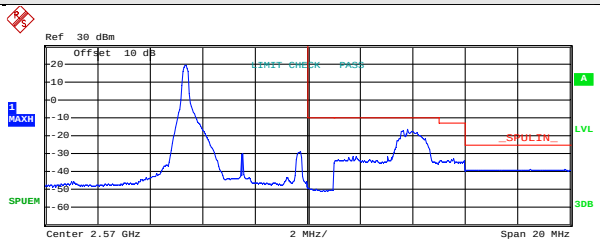
Test Mode:	LTE band 7(QPSK RB Size 1 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.490 G	2.494 G	1.00 M	2.491528 G	-35.91	-10.91
2.494 G	2.496 G	1.00 M	2.495894 G	-38.83	-25.83
2.496 G	2.499 G	1.00 M	2.497113 G	-30.76	-20.76
2.499 G	2.500 G	30.00 k	2.499996 G	-17.71	-7.71
2.500 G	2.510 G	100.00 k	2.500320 G	18.86	-14.14

Date: 8.JUN.2017 16:43:04

Lowest channel

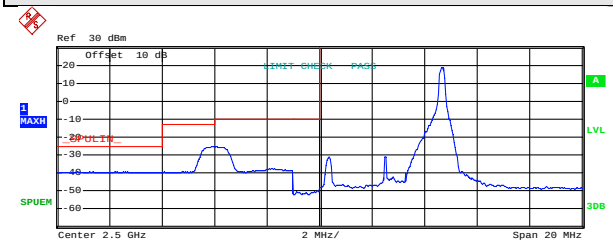


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.560 G	2.570 G	100.00 k	2.565360 G	19.11	-13.89
2.570 G	2.571 G	30.00 k	2.570057 G	-49.36	-39.36
2.571 G	2.575 G	1.00 M	2.573784 G	-16.50	-6.50
2.575 G	2.576 G	1.00 M	2.575548 G	-32.82	-19.82
2.576 G	2.580 G	1.00 M	2.579804 G	-38.62	-13.62

Date: 8.JUN.2017 16:52:45

Highest channel

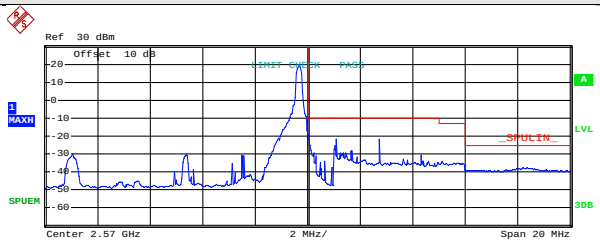
Test Mode:	LTE band 7(QPSK RB Size 1 & RB Offset 24)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.490 G	2.494 G	1.00 M	2.490740 G	-39.37	-14.37
2.494 G	2.496 G	1.00 M	2.495898 G	-25.35	-12.35
2.496 G	2.499 G	1.00 M	2.496042 G	-25.46	-15.46
2.499 G	2.500 G	30.00 k	2.499930 G	-49.93	-39.93
2.500 G	2.510 G	100.00 k	2.504690 G	18.82	-14.18

Date: 8.JUN.2017 16:43:33

Lowest channel

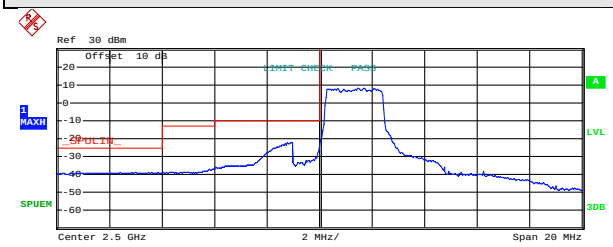


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.560 G	2.570 G	100.00 k	2.569670 G	18.95	-14.05
2.570 G	2.571 G	30.00 k	2.570003 G	-17.47	-7.47
2.571 G	2.575 G	1.00 M	2.571092 G	-21.95	-11.95
2.575 G	2.576 G	1.00 M	2.575115 G	-34.31	-21.31
2.576 G	2.580 G	1.00 M	2.578356 G	-37.54	-12.54

Date: 8.JUN.2017 16:53:08

Highest channel

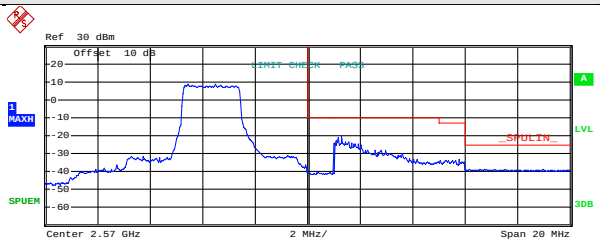
Test Mode:	LTE band 7(QPSK RB Size 12 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.490 G	2.494 G	1.00 M	2.492852 G	-38.90	-13.90
2.494 G	2.496 G	1.00 M	2.495928 G	-36.84	-23.84
2.496 G	2.499 G	1.00 M	2.498949 G	-22.21	-12.21
2.499 G	2.500 G	30.00 k	2.499981 G	-27.20	-17.20
2.500 G	2.510 G	100.00 k	2.501460 G	8.20	-24.80

Date: 8.JUN.2017 16:43:57

Lowest channel

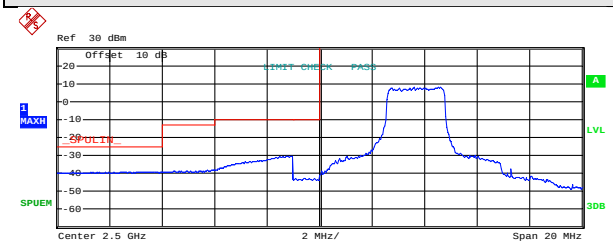


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.560 G	2.570 G	100.00 k	2.566460 G	8.76	-24.24
2.570 G	2.571 G	30.00 k	2.570350 G	-39.71	-29.71
2.571 G	2.575 G	1.00 M	2.571260 G	-19.89	-9.89
2.575 G	2.576 G	1.00 M	2.575769 G	-33.46	-20.46
2.576 G	2.580 G	1.00 M	2.577136 G	-38.70	-13.70

Date: 8.JUN.2017 16:53:42

Highest channel

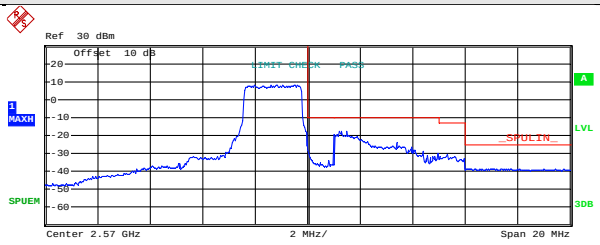
Test Mode:	LTE band 7(QPSK RB Size 12 & RB Offset 11)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.490 G	2.494 G	1.00 M	2.493460 G	-39.10	-14.10
2.494 G	2.496 G	1.00 M	2.495986 G	-37.95	-24.95
2.496 G	2.499 G	1.00 M	2.498949 G	-30.36	-20.36
2.499 G	2.500 G	30.00 k	2.499085 G	-41.97	-31.97
2.500 G	2.510 G	100.00 k	2.504510 G	8.06	-24.94

Date: 8.JUN.2017 16:44:20

Lowest channel

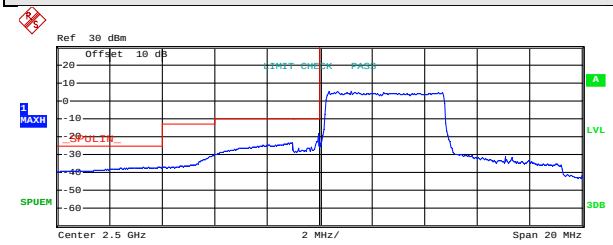


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.560 G	2.570 G	100.00 k	2.568820 G	8.21	-24.79
2.570 G	2.571 G	30.00 k	2.570004 G	-26.62	-16.62
2.571 G	2.575 G	1.00 M	2.571260 G	-17.55	-7.55
2.575 G	2.576 G	1.00 M	2.575312 G	-30.63	-17.63
2.576 G	2.580 G	1.00 M	2.576168 G	-38.49	-13.49

Date: 8.JUN.2017 16:54:13

Highest channel

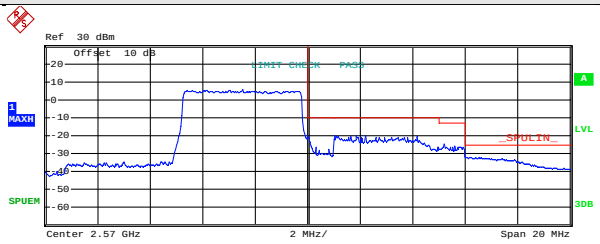
Test Mode:	LTE band 7(QPSK RB Size 25 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.490 G	2.494 G	1.00 M	2.493936 G	-37.04	-12.04
2.494 G	2.496 G	1.00 M	2.495978 G	-30.38	-17.38
2.496 G	2.499 G	1.00 M	2.498994 G	-23.29	-13.29
2.499 G	2.500 G	100.00 k	2.499984 G	-18.40	-8.40
2.500 G	2.510 G	100.00 k	2.500690 G	5.41	-27.59

Date: 8.JUN.2017 16:44:48

Lowest channel

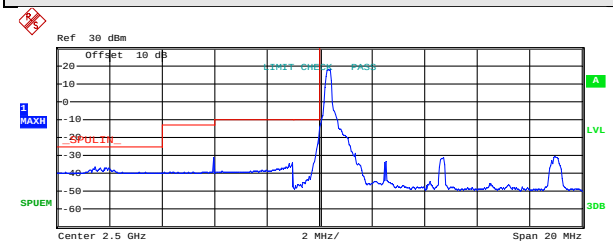


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.560 G	2.570 G	100.00 k	2.567520 G	5.52	-27.48
2.570 G	2.571 G	100.00 k	2.570013 G	-19.88	-9.88
2.571 G	2.575 G	1.00 M	2.571956 G	-19.71	-9.71
2.575 G	2.576 G	1.00 M	2.575219 G	-24.86	-11.86
2.576 G	2.580 G	1.00 M	2.576020 G	-32.07	-7.07

Date: 8.JUN.2017 16:54:43

Highest channel

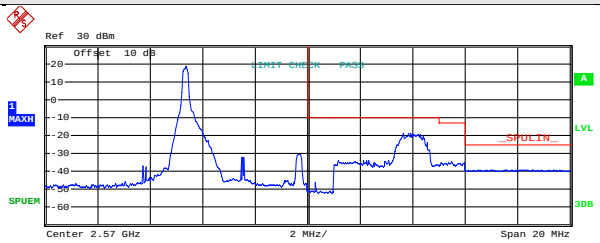
Test Mode:	LTE band 7(16QAM RB Size 1 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.490 G	2.494 G	1.00 M	2.491448 G	-36.32	-11.32
2.494 G	2.496 G	1.00 M	2.495986 G	-31.00	-18.00
2.496 G	2.499 G	1.00 M	2.498985 G	-34.17	-24.17
2.499 G	2.500 G	30.00 k	2.499985 G	-20.14	-10.14
2.500 G	2.510 G	100.00 k	2.500310 G	17.80	-15.20

Date: 8.JUN.2017 16:43:16

Lowest channel

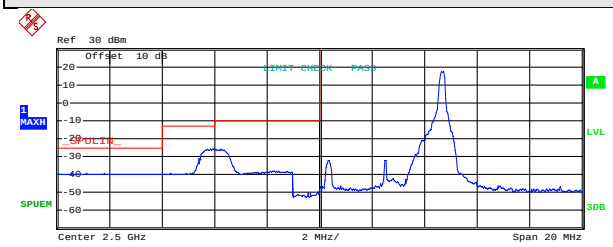


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.560 G	2.570 G	100.00 k	2.565360 G	18.45	-14.55
2.570 G	2.571 G	30.00 k	2.570299 G	-46.20	-36.20
2.571 G	2.575 G	1.00 M	2.573924 G	-18.92	-8.92
2.575 G	2.576 G	1.00 M	2.575469 G	-34.47	-21.47
2.576 G	2.580 G	1.00 M	2.576508 G	-39.13	-14.13

Date: 8.JUN.2017 16:52:57

Highest channel

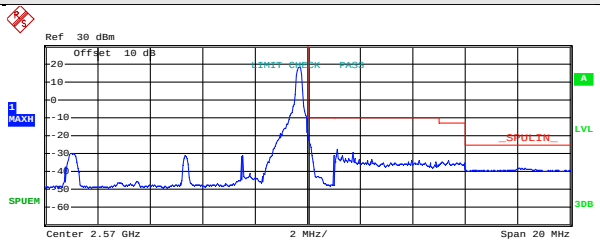
Test Mode:	LTE band 7(16QAM RB Size 1 & RB Offset 24)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.490 G	2.494 G	1.00 M	2.491796 G	-39.43	-14.43
2.494 G	2.496 G	1.00 M	2.495828 G	-25.73	-12.73
2.496 G	2.499 G	1.00 M	2.496237 G	-25.69	-15.69
2.499 G	2.500 G	30.00 k	2.499917 G	-50.02	-40.02
2.500 G	2.510 G	100.00 k	2.504650 G	17.41	-15.59

Date: 8.JUN.2017 16:43:43

Lowest channel

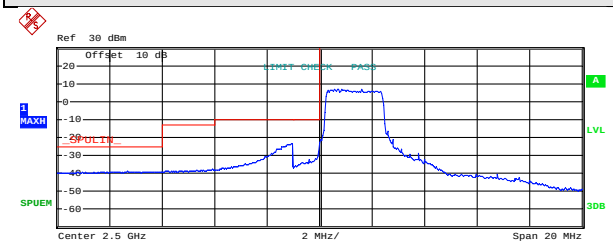


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.560 G	2.570 G	100.00 k	2.569710 G	17.89	-15.11
2.570 G	2.571 G	30.00 k	2.570003 G	-18.59	-8.59
2.571 G	2.575 G	1.00 M	2.571132 G	-27.43	-17.43
2.575 G	2.576 G	1.00 M	2.575342 G	-33.80	-20.80
2.576 G	2.580 G	1.00 M	2.578080 G	-37.63	-12.63

Date: 8.JUN.2017 16:53:16

Highest channel

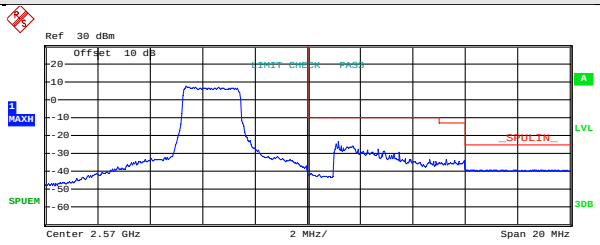
Test Mode:	LTE band 7(16QAM RB Size 12 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.490 G	2.494 G	1.00 M	2.492672 G	-39.00	-14.00
2.494 G	2.496 G	1.00 M	2.495912 G	-37.51	-24.51
2.496 G	2.499 G	1.00 M	2.498964 G	-23.62	-13.62
2.499 G	2.500 G	30.00 k	2.499997 G	-27.42	-17.42
2.500 G	2.510 G	100.00 k	2.500660 G	7.02	-25.98

Date: 8.JUN.2017 16:44:06

Lowest channel

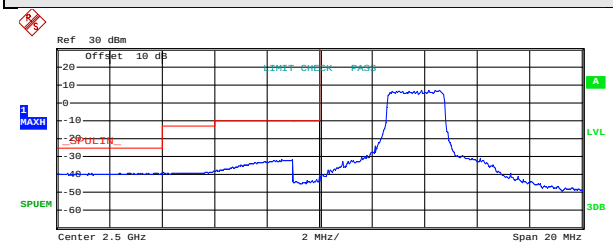


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.560 G	2.570 G	100.00 k	2.565360 G	7.34	-25.66
2.570 G	2.571 G	30.00 k	2.570009 G	-40.04	-30.04
2.571 G	2.575 G	1.00 M	2.571176 G	-23.49	-13.49
2.575 G	2.576 G	1.00 M	2.575287 G	-33.46	-20.46
2.576 G	2.580 G	1.00 M	2.577352 G	-39.01	-14.01

Date: 8.JUN.2017 16:53:52

Highest channel

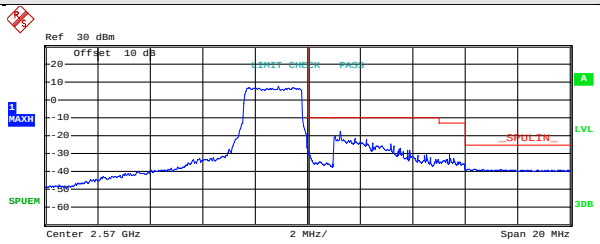
Test Mode:	LTE band 7(16QAM RB Size 12 & RB Offset 11)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.490 G	2.494 G	1.00 M	2.493832 G	-39.13	-14.13
2.494 G	2.496 G	1.00 M	2.495962 G	-38.29	-25.29
2.496 G	2.499 G	1.00 M	2.498571 G	-31.52	-21.52
2.499 G	2.500 G	30.00 k	2.499109 G	-42.97	-32.97
2.500 G	2.510 G	100.00 k	2.503870 G	7.08	-25.92

Date: 8.JUN.2017 16:44:29

Lowest channel

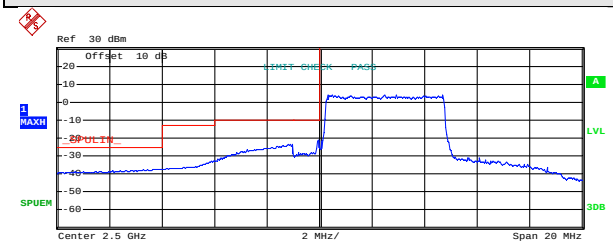


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.560 G	2.570 G	100.00 k	2.568860 G	7.54	-25.46
2.570 G	2.571 G	30.00 k	2.570009 G	-27.37	-17.37
2.571 G	2.575 G	1.00 M	2.571252 G	-17.64	-7.64
2.575 G	2.576 G	1.00 M	2.575398 G	-30.11	-17.11
2.576 G	2.580 G	1.00 M	2.576112 G	-38.46	-13.46

Date: 8.JUN.2017 16:54:21

Highest channel

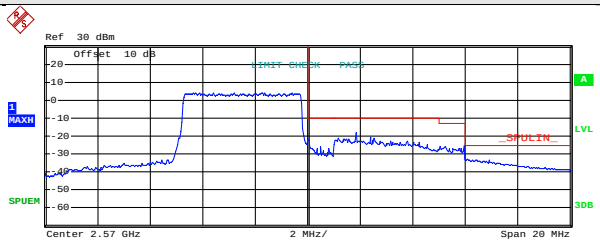
Test Mode:	LTE band 7(16QAM RB Size 25 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.490 G	2.494 G	1.00 M	2.493872 G	-37.50	-12.50
2.494 G	2.496 G	1.00 M	2.495978 G	-32.96	-19.96
2.496 G	2.499 G	1.00 M	2.498883 G	-23.22	-13.22
2.499 G	2.500 G	100.00 k	2.499942 G	-21.04	-11.04
2.500 G	2.510 G	100.00 k	2.502480 G	4.18	-28.82

Date: 8.JUN.2017 16:44:56

Lowest channel



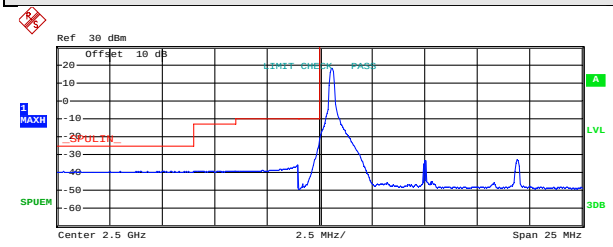
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.560 G	2.570 G	100.00 k	2.565650 G	3.97	-29.03
2.570 G	2.571 G	100.00 k	2.570040 G	-21.73	-11.73
2.571 G	2.575 G	1.00 M	2.571832 G	-18.44	-8.44
2.575 G	2.576 G	1.00 M	2.575943 G	-25.35	-12.35
2.576 G	2.580 G	1.00 M	2.576092 G	-32.94	-7.94

Date: 8.JUN.2017 16:54:51

Highest channel

10MHz:

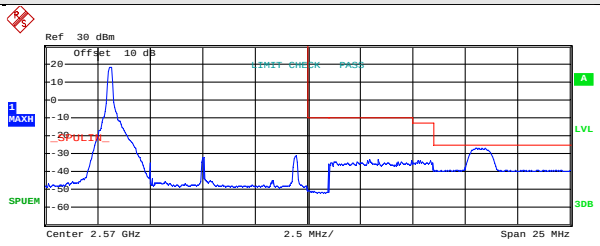
Test Mode:	LTE band 7(QPSK RB Size 1 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.487 G	2.494 G	1.00 M	2.491348 G	-39.15	-14.15
2.494 G	2.496 G	1.00 M	2.495148 G	-39.20	-26.20
2.496 G	2.499 G	1.00 M	2.498985 G	-35.58	-25.58
2.499 G	2.500 G	30.00 k	2.499992 G	-25.27	-15.27
2.500 G	2.513 G	100.00 k	2.500612 G	18.12	-14.88

Date: 8.JUN.2017 16:55:37

Lowest channel

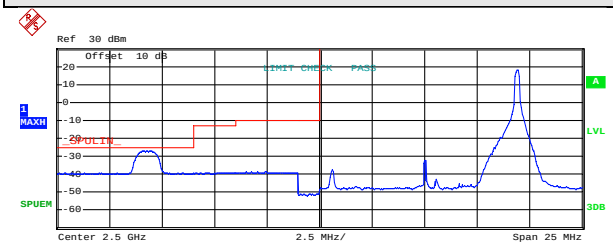


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.558 G	2.570 G	100.00 k	2.560600 G	18.22	-14.78
2.570 G	2.571 G	30.00 k	2.570047 G	-50.34	-40.34
2.571 G	2.575 G	1.00 M	2.573324 G	-33.47	-23.47
2.575 G	2.576 G	1.00 M	2.575343 G	-34.05	-21.05
2.576 G	2.583 G	1.00 M	2.578152 G	-27.05	-2.05

Date: 8.JUN.2017 16:59:19

Highest channel

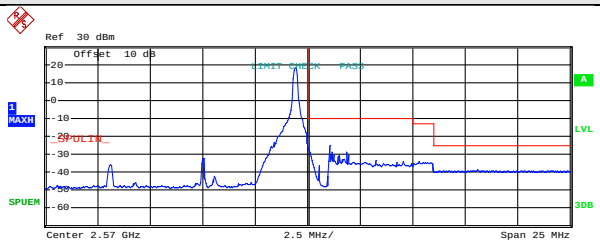
Test Mode:	LTE band 7(QPSK RB Size 1 & RB Offset 49)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.487 G	2.494 G	1.00 M	2.491751 G	-26.83	-1.83
2.494 G	2.496 G	1.00 M	2.494536 G	-39.09	-26.09
2.496 G	2.499 G	1.00 M	2.497458 G	-38.90	-28.90
2.499 G	2.500 G	30.00 k	2.499256 G	-50.81	-40.81
2.500 G	2.513 G	100.00 k	2.509425 G	18.30	-14.70

Date: 8.JUN.2017 16:56:03

Lowest channel

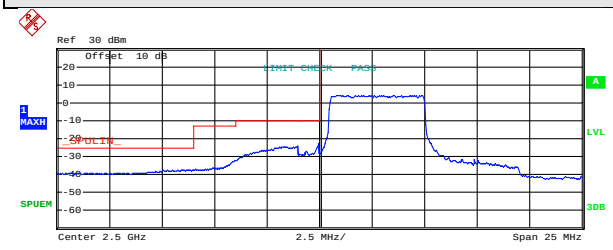


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.558 G	2.570 G	100.00 k	2.569412 G	18.16	-14.84
2.570 G	2.571 G	30.00 k	2.570022 G	-24.72	-14.72
2.571 G	2.575 G	1.00 M	2.571048 G	-25.00	-15.00
2.575 G	2.576 G	1.00 M	2.575319 G	-34.29	-21.29
2.576 G	2.583 G	1.00 M	2.578113 G	-38.76	-13.76

Date: 8.JUN.2017 16:59:39

Highest channel

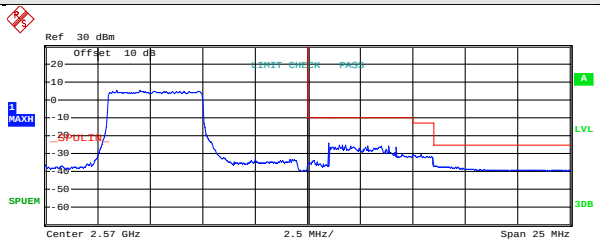
Test Mode:	LTE band 7(QPSK RB Size 25 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.487 G	2.494 G	1.00 M	2.493636 G	-37.26	-12.26
2.494 G	2.496 G	1.00 M	2.495998 G	-32.31	-19.31
2.496 G	2.499 G	1.00 M	2.498925 G	-24.00	-14.00
2.499 G	2.500 G	100.00 k	2.499970 G	-24.80	-14.80
2.500 G	2.513 G	100.00 k	2.503063 G	4.24	-28.76

Date: 8.JUN.2017 16:56:32

Lowest channel

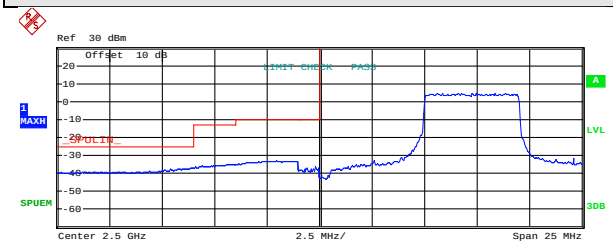


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.558 G	2.570 G	100.00 k	2.562012 G	5.26	-27.74
2.570 G	2.571 G	100.00 k	2.570320 G	-33.87	-23.87
2.571 G	2.575 G	1.00 M	2.571020 G	-23.94	-13.94
2.575 G	2.576 G	1.00 M	2.575378 G	-30.61	-17.61
2.576 G	2.583 G	1.00 M	2.576013 G	-36.91	-11.91

Date: 8.JUN.2017 17:00:08

Highest channel

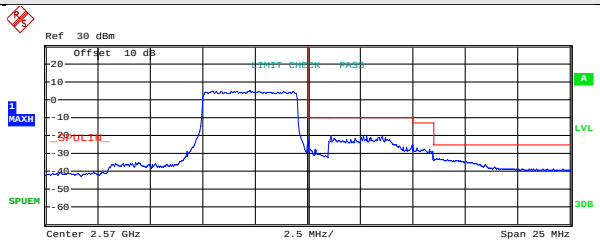
Test Mode:	LTE band 7(QPSK RB Size 25 & RB Offset 24)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.487 G	2.494 G	1.00 M	2.493955 G	-36.74	-11.74
2.494 G	2.496 G	1.00 M	2.495934 G	-35.02	-22.02
2.496 G	2.499 G	1.00 M	2.497956 G	-32.98	-22.98
2.499 G	2.500 G	100.00 k	2.499811 G	-36.41	-26.41
2.500 G	2.513 G	100.00 k	2.508350 G	4.64	-28.36

Date: 8.JUN.2017 16:56:54

Lowest channel

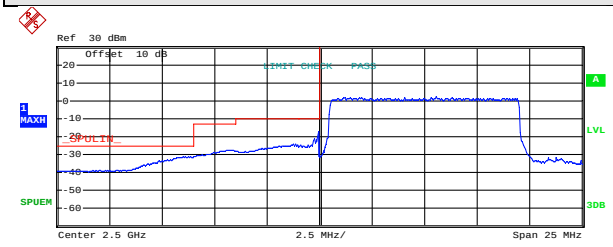


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.558 G	2.570 G	100.00 k	2.567250 G	5.34	-27.66
2.570 G	2.571 G	100.00 k	2.570008 G	-21.87	-11.87
2.571 G	2.575 G	1.00 M	2.571100 G	-19.96	-9.96
2.575 G	2.576 G	1.00 M	2.575009 G	-25.54	-12.54
2.576 G	2.583 G	1.00 M	2.576143 G	-32.87	-7.87

Date: 8.JUN.2017 17:00:28

Highest channel

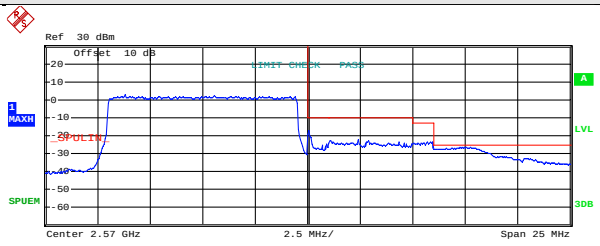
Test Mode:	LTE band 7(QPSK RB Size 50 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.487 G	2.494 G	1.00 M	2.493577 G	-31.10	-6.10
2.494 G	2.496 G	1.00 M	2.495658 G	-27.56	-14.56
2.496 G	2.499 G	1.00 M	2.498838 G	-24.28	-14.28
2.499 G	2.500 G	300.00 k	2.499992 G	-17.21	-7.21
2.500 G	2.513 G	100.00 k	2.505538 G	1.96	-31.04

Date: 8.JUN.2017 16:57:19

Lowest channel

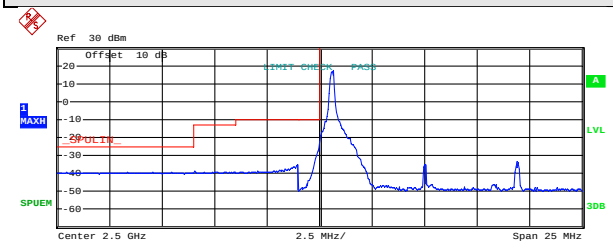


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.558 G	2.570 G	100.00 k	2.561275 G	2.92	-30.08
2.570 G	2.571 G	300.00 k	2.570037 G	-17.02	-7.02
2.571 G	2.575 G	1.00 M	2.572420 G	-22.53	-12.53
2.575 G	2.576 G	1.00 M	2.575829 G	-23.23	-10.23
2.576 G	2.583 G	1.00 M	2.577092 G	-26.16	-1.16

Date: 8.JUN.2017 17:01:02

Highest channel

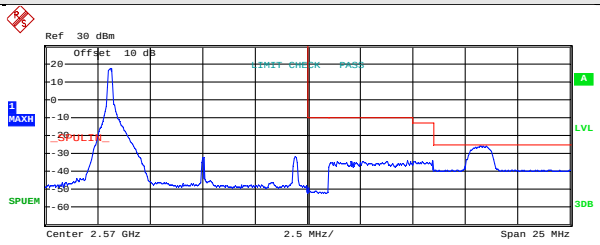
Test Mode:	LTE band 7(16QAM RB Size 1 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.487 G	2.494 G	1.00 M	2.492960 G	-39.40	-14.40
2.494 G	2.496 G	1.00 M	2.494062 G	-39.00	-26.00
2.496 G	2.499 G	1.00 M	2.498988 G	-35.30	-25.30
2.499 G	2.500 G	30.00 k	2.499995 G	-26.26	-16.26
2.500 G	2.513 G	100.00 k	2.500637 G	17.29	-15.71

Date: 8.JUN.2017 16:55:45

Lowest channel

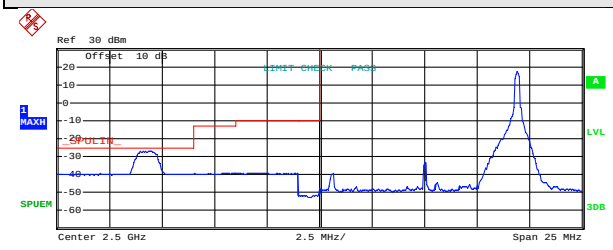


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.558 G	2.570 G	100.00 k	2.560575 G	17.63	-15.37
2.570 G	2.571 G	30.00 k	2.570058 G	-49.50	-39.50
2.571 G	2.575 G	1.00 M	2.574732 G	-34.10	-24.10
2.575 G	2.576 G	1.00 M	2.575943 G	-34.17	-21.17
2.576 G	2.583 G	1.00 M	2.578262 G	-25.97	-0.97

Date: 8.JUN.2017 16:59:29

Highest channel

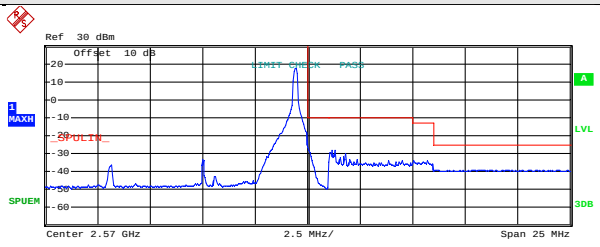
Test Mode:	LTE band 7(16QAM RB Size 1 & RB Offset 49)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.487 G	2.494 G	1.00 M	2.491680 G	-26.91	-1.91
2.494 G	2.496 G	1.00 M	2.495684 G	-39.30	-26.30
2.496 G	2.499 G	1.00 M	2.498655 G	-39.10	-29.10
2.499 G	2.500 G	30.00 k	2.499985 G	-50.82	-40.82
2.500 G	2.513 G	100.00 k	2.509375 G	17.16	-15.84

Date: 8.JUN.2017 16:56:12

Lowest channel

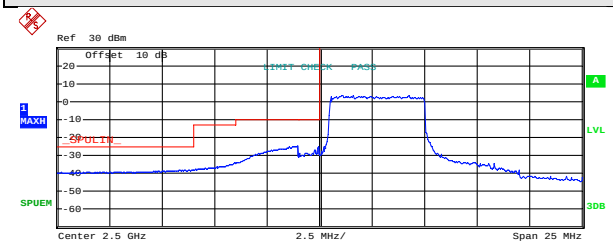


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.558 G	2.570 G	100.00 k	2.569400 G	17.39	-15.61
2.570 G	2.571 G	30.00 k	2.570001 G	-25.96	-15.96
2.571 G	2.575 G	1.00 M	2.571272 G	-28.12	-18.12
2.575 G	2.576 G	1.00 M	2.575680 G	-33.75	-20.75
2.576 G	2.583 G	1.00 M	2.578093 G	-39.04	-14.04

Date: 8.JUN.2017 16:59:50

Highest channel

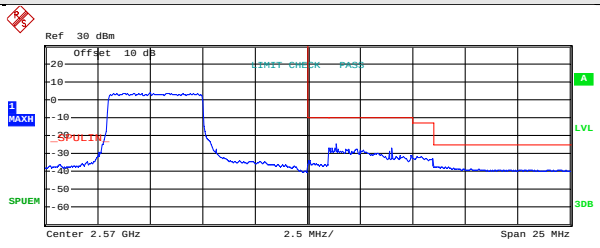
Test Mode:	LTE band 7(16QAM RB Size 25 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.487 G	2.494 G	1.00 M	2.493883 G	-37.92	-12.92
2.494 G	2.496 G	1.00 M	2.495950 G	-34.31	-21.31
2.496 G	2.499 G	1.00 M	2.498976 G	-24.79	-14.79
2.499 G	2.500 G	100.00 k	2.499985 G	-25.04	-15.04
2.500 G	2.513 G	100.00 k	2.504262 G	3.47	-29.53

Date: 8.JUN.2017 16:56:41

Lowest channel

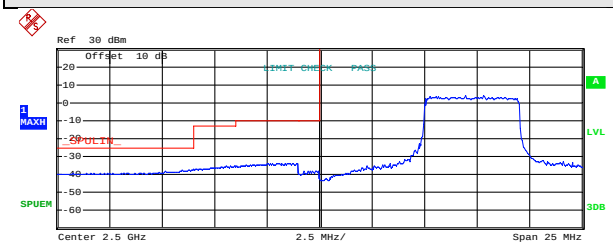


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.558 G	2.570 G	100.00 k	2.562475 G	4.15	-28.85
2.570 G	2.571 G	100.00 k	2.570040 G	-33.94	-23.94
2.571 G	2.575 G	1.00 M	2.571332 G	-24.87	-14.87
2.575 G	2.576 G	1.00 M	2.575398 G	-31.82	-18.82
2.576 G	2.583 G	1.00 M	2.576124 G	-37.35	-12.35

Date: 8.JUN.2017 17:00:16

Highest channel

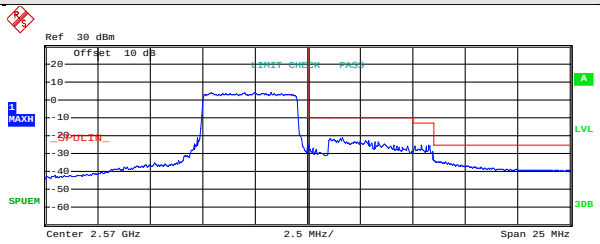
Test Mode:	LTE band 7(16QAM RB Size 25 & RB Offset 24)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.487 G	2.494 G	1.00 M	2.493994 G	-37.59	-12.59
2.494 G	2.496 G	1.00 M	2.495528 G	-35.45	-22.45
2.496 G	2.499 G	1.00 M	2.498619 G	-33.91	-23.91
2.499 G	2.500 G	100.00 k	2.499847 G	-37.85	-27.85
2.500 G	2.513 G	100.00 k	2.506963 G	4.02	-28.98

Date: 8.JUN.2017 16:57:04

Lowest channel

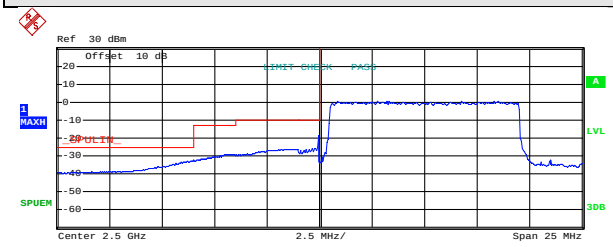


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.558 G	2.570 G	100.00 k	2.568262 G	4.08	-28.92
2.570 G	2.571 G	100.00 k	2.570019 G	-24.80	-14.80
2.571 G	2.575 G	1.00 M	2.571640 G	-21.38	-11.38
2.575 G	2.576 G	1.00 M	2.575421 G	-25.07	-12.07
2.576 G	2.583 G	1.00 M	2.576058 G	-34.03	-9.03

Date: 8.JUN.2017 17:00:37

Highest channel

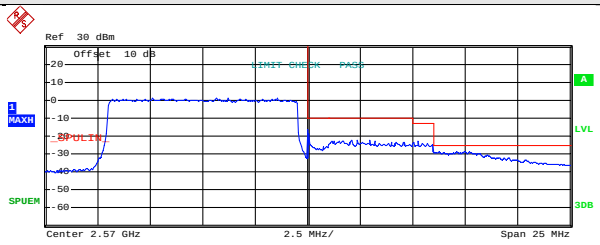
Test Mode:	LTE band 7(16QAM RB Size 50 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.487 G	2.494 G	1.00 M	2.493870 G	-32.90	-7.90
2.494 G	2.496 G	1.00 M	2.495792 G	-29.25	-16.25
2.496 G	2.499 G	1.00 M	2.498463 G	-26.23	-16.23
2.499 G	2.500 G	300.00 k	2.499984 G	-19.02	-9.02
2.500 G	2.513 G	100.00 k	2.502750 G	0.66	-32.34

Date: 8.JUN.2017 16:57:28

Lowest channel



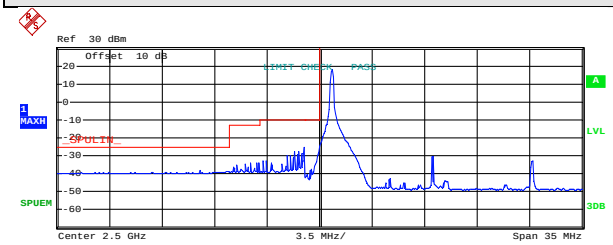
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.558 G	2.570 G	100.00 k	2.562587 G	1.03	-31.97
2.570 G	2.571 G	300.00 k	2.570021 G	-16.66	-6.66
2.571 G	2.575 G	1.00 M	2.572084 G	-22.17	-12.17
2.575 G	2.576 G	1.00 M	2.575240 G	-23.21	-10.21
2.576 G	2.583 G	1.00 M	2.577157 G	-28.31	-3.31

Date: 8.JUN.2017 17:01:10

Highest channel

15MHz:

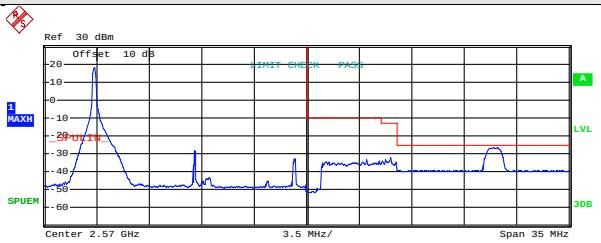
Test Mode:	LTE band 7(QPSK RB Size 1 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.482 G	2.494 G	1.00 M	2.492011 G	-37.85	-12.85
2.494 G	2.496 G	1.00 M	2.495396 G	-34.04	-21.04
2.496 G	2.499 G	1.00 M	2.498988 G	-25.46	-15.46
2.499 G	2.500 G	30.00 k	2.499978 G	-28.32	-18.32
2.500 G	2.518 G	100.00 k	2.500840 G	17.82	-15.18

Date: 8.JUN.2017 17:02:44

Lowest channel

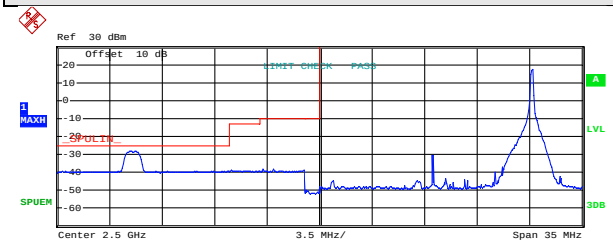


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.553 G	2.570 G	100.00 k	2.555825 G	18.24	-14.76
2.570 G	2.571 G	30.00 k	2.570733 G	-49.46	-39.46
2.571 G	2.575 G	1.00 M	2.574008 G	-33.67	-23.67
2.575 G	2.576 G	1.00 M	2.575623 G	-32.53	-19.53
2.576 G	2.587 G	1.00 M	2.582475 G	-26.63	-1.63

Date: 8.JUN.2017 17:05:49

Highest channel

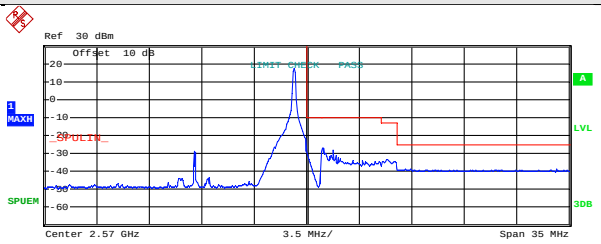
Test Mode:	LTE band 7(QPSK RB Size 1 & RB Offset 74)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.482 G	2.494 G	1.00 M	2.487640 G	-28.09	-3.09
2.494 G	2.496 G	1.00 M	2.494104 G	-39.00	-26.00
2.496 G	2.499 G	1.00 M	2.496939 G	-37.85	-27.85
2.499 G	2.500 G	30.00 k	2.499112 G	-49.83	-39.83
2.500 G	2.518 G	100.00 k	2.514193 G	17.41	-15.59

Date: 8.JUN.2017 17:03:04

Lowest channel

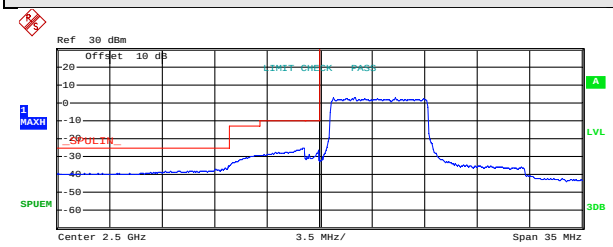


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.553 G	2.570 G	100.00 k	2.569160 G	17.66	-15.34
2.570 G	2.571 G	30.00 k	2.570005 G	-29.57	-19.57
2.571 G	2.575 G	1.00 M	2.571112 G	-27.10	-17.10
2.575 G	2.576 G	1.00 M	2.575319 G	-33.57	-20.57
2.576 G	2.587 G	1.00 M	2.576932 G	-38.70	-13.70

Date: 8.JUN.2017 17:06:09

Highest channel

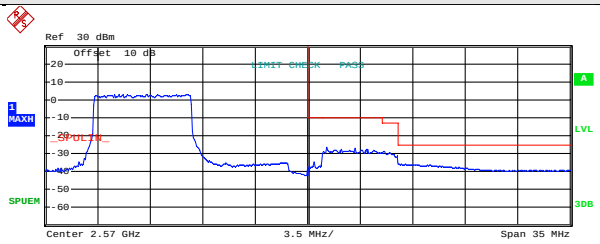
Test Mode:	LTE band 7(QPSK RB Size 36 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.482 G	2.494 G	1.00 M	2.493920 G	-35.47	-10.47
2.494 G	2.496 G	1.00 M	2.495892 G	-29.20	-16.20
2.496 G	2.499 G	1.00 M	2.498991 G	-25.31	-15.31
2.499 G	2.500 G	100.00 k	2.499970 G	-26.30	-16.30
2.500 G	2.518 G	100.00 k	2.502397 G	2.78	-30.22

Date: 8.JUN.2017 17:03:32

Lowest channel

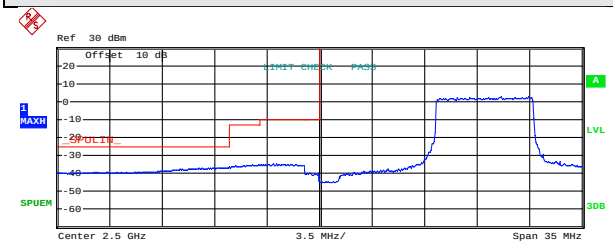


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.553 G	2.570 G	100.00 k	2.559238 G	2.88	-30.12
2.570 G	2.571 G	100.00 k	2.570418 G	-34.90	-24.90
2.571 G	2.575 G	1.00 M	2.571272 G	-26.17	-16.17
2.575 G	2.576 G	1.00 M	2.575069 G	-28.97	-15.97
2.576 G	2.587 G	1.00 M	2.576230 G	-35.48	-10.48

Date: 8.JUN.2017 17:06:35

Highest channel

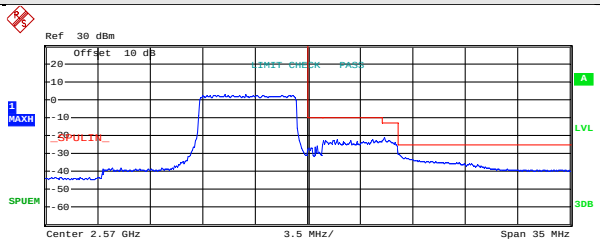
Test Mode:	LTE band 7(QPSK RB Size 36 & RB Offset 37)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.482 G	2.494 G	1.00 M	2.493505 G	-36.73	-11.73
2.494 G	2.496 G	1.00 M	2.495998 G	-35.14	-22.14
2.496 G	2.499 G	1.00 M	2.496894 G	-34.78	-24.78
2.499 G	2.500 G	100.00 k	2.499420 G	-38.83	-28.83
2.500 G	2.518 G	100.00 k	2.512075 G	2.65	-30.35

Date: 8.JUN.2017 17:03:53

Lowest channel

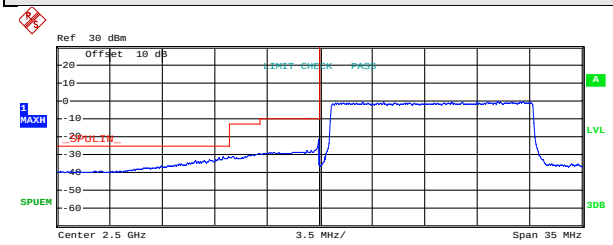


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.553 G	2.570 G	100.00 k	2.564452 G	2.61	-30.39
2.570 G	2.571 G	100.00 k	2.570610 G	-26.14	-16.14
2.571 G	2.575 G	1.00 M	2.574348 G	-22.27	-12.27
2.575 G	2.576 G	1.00 M	2.575131 G	-21.44	-8.44
2.576 G	2.587 G	1.00 M	2.576011 G	-30.69	-5.69

Date: 8.JUN.2017 17:06:55

Highest channel

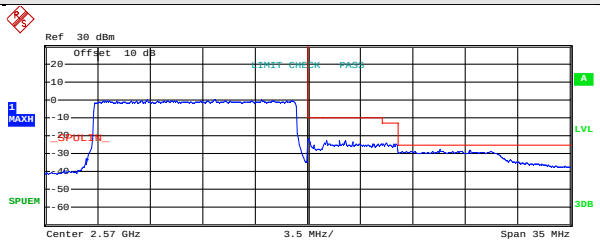
Test Mode:	LTE band 7(QPSK RB Size 75 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.482 G	2.494 G	1.00 M	2.493552 G	-31.25	-6.25
2.494 G	2.496 G	1.00 M	2.495964 G	-29.56	-16.56
2.496 G	2.499 G	1.00 M	2.498796 G	-28.49	-18.49
2.499 G	2.500 G	300.00 k	2.499985 G	-21.58	-11.58
2.500 G	2.518 G	100.00 k	2.511182 G	-0.57	-33.57

Date: 8.JUN.2017 17:05:07

Lowest channel

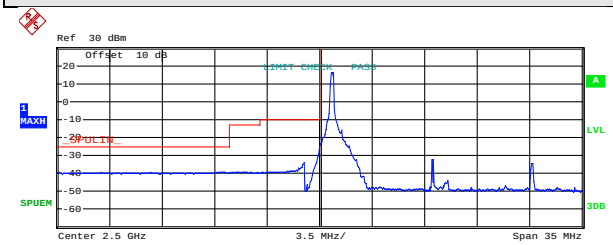


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.553 G	2.570 G	100.00 k	2.563770 G	-0.16	-33.16
2.570 G	2.571 G	300.00 k	2.570051 G	-21.85	-11.85
2.571 G	2.575 G	1.00 M	2.572092 G	-22.70	-12.70
2.575 G	2.576 G	1.00 M	2.575268 G	-23.84	-10.84
2.576 G	2.587 G	1.00 M	2.578818 G	-27.88	-2.88

Date: 8.JUN.2017 17:07:21

Highest channel

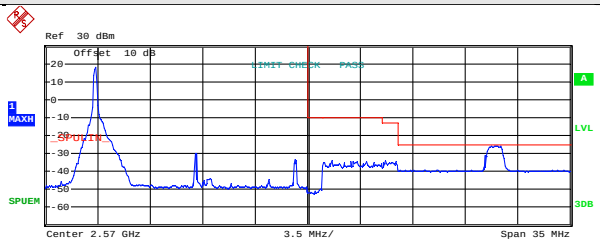
Test Mode:	LTE band 7(16QAM RB Size 1 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.482 G	2.494 G	1.00 M	2.493448 G	-39.09	-14.09
2.494 G	2.496 G	1.00 M	2.495108 G	-39.15	-26.15
2.496 G	2.499 G	1.00 M	2.498985 G	-33.83	-23.83
2.499 G	2.500 G	30.00 k	2.499971 G	-29.31	-19.31
2.500 G	2.518 G	100.00 k	2.500858 G	16.45	-16.55

Date: 8.JUN.2017 17:02:52

Lowest channel

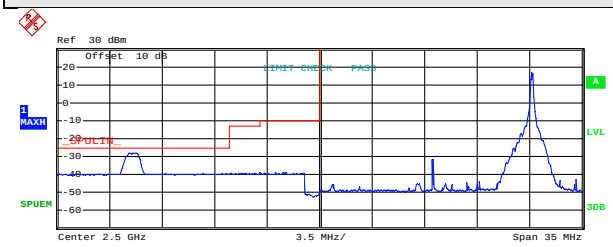


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.553 G	2.570 G	100.00 k	2.555860 G	17.75	-15.25
2.570 G	2.571 G	30.00 k	2.570840 G	-49.77	-39.77
2.571 G	2.575 G	1.00 M	2.571632 G	-33.85	-23.85
2.575 G	2.576 G	1.00 M	2.575149 G	-34.23	-21.23
2.576 G	2.587 G	1.00 M	2.582601 G	-25.68	-0.68

Date: 8.JUN.2017 17:05:58

Highest channel

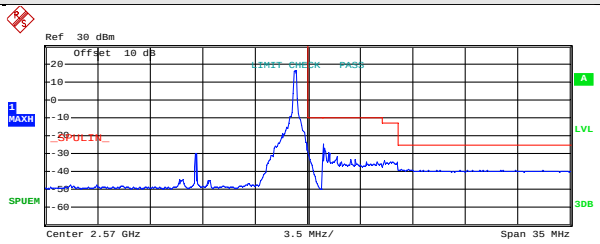
Test Mode:	LTE band 7(16QAM RB Size 1 & RB Offset 74)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.482 G	2.494 G	1.00 M	2.487606 G	-27.96	-2.96
2.494 G	2.496 G	1.00 M	2.495694 G	-39.26	-26.26
2.496 G	2.499 G	1.00 M	2.496012 G	-38.51	-28.51
2.499 G	2.500 G	30.00 k	2.499219 G	-50.24	-40.24
2.500 G	2.518 G	100.00 k	2.514140 G	17.13	-15.87

Date: 8.JUN.2017 17:03:14

Lowest channel

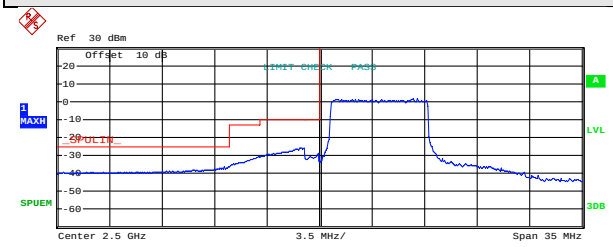


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.553 G	2.570 G	100.00 k	2.569160 G	16.45	-16.55
2.570 G	2.571 G	30.00 k	2.570020 G	-28.55	-18.55
2.571 G	2.575 G	1.00 M	2.571012 G	-24.63	-14.63
2.575 G	2.576 G	1.00 M	2.575077 G	-33.81	-20.81
2.576 G	2.587 G	1.00 M	2.576242 G	-38.87	-13.87

Date: 8.JUN.2017 17:06:18

Highest channel

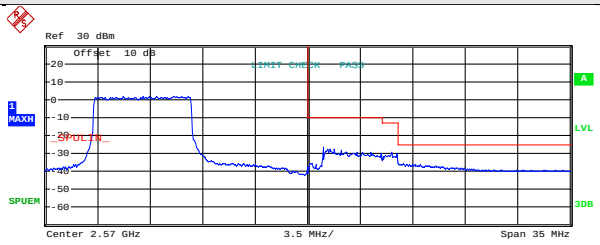
Test Mode:	LTE band 7(16QAM RB Size 36 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.482 G	2.494 G	1.00 M	2.493965 G	-36.38	-11.38
2.494 G	2.496 G	1.00 M	2.495960 G	-30.90	-17.90
2.496 G	2.499 G	1.00 M	2.498772 G	-25.86	-15.86
2.499 G	2.500 G	100.00 k	2.499991 G	-28.78	-18.78
2.500 G	2.518 G	100.00 k	2.506510 G	1.40	-31.60

Date: 8.JUN.2017 17:03:41

Lowest channel

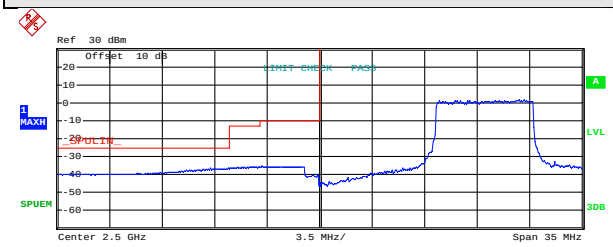


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.553 G	2.570 G	100.00 k	2.559938 G	1.92	-31.08
2.570 G	2.571 G	100.00 k	2.570184 G	-35.75	-25.75
2.571 G	2.575 G	1.00 M	2.571020 G	-26.18	-16.18
2.575 G	2.576 G	1.00 M	2.575598 G	-29.63	-16.63
2.576 G	2.587 G	1.00 M	2.576023 G	-35.62	-10.62

Date: 8.JUN.2017 17:06:44

Highest channel

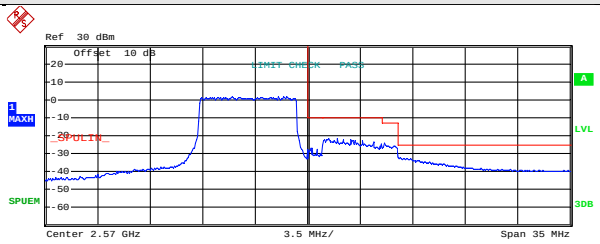
Test Mode:	LTE band 7(16QAM RB Size 36 & RB Offset 37)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.482 G	2.494 G	1.00 M	2.493873 G	-36.58	-11.58
2.494 G	2.496 G	1.00 M	2.495190 G	-35.80	-22.80
2.496 G	2.499 G	1.00 M	2.496144 G	-35.31	-25.31
2.499 G	2.500 G	100.00 k	2.499003 G	-39.20	-29.20
2.500 G	2.518 G	100.00 k	2.513265 G	1.55	-31.45

Date: 8.JUN.2017 17:04:02

Lowest channel

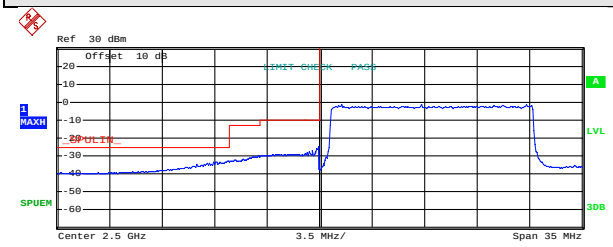


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.553 G	2.570 G	100.00 k	2.564925 G	1.55	-31.45
2.570 G	2.571 G	100.00 k	2.570314 G	-26.93	-16.93
2.571 G	2.575 G	1.00 M	2.571424 G	-21.75	-11.75
2.575 G	2.576 G	1.00 M	2.575121 G	-24.15	-11.15
2.576 G	2.587 G	1.00 M	2.576115 G	-31.90	-6.90

Date: 8.JUN.2017 17:07:04

Highest channel

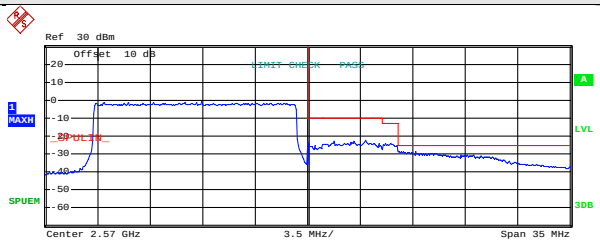
Test Mode:	LTE band 7(16QAM RB Size 75 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.482 G	2.494 G	1.00 M	2.493977 G	-32.87	-7.87
2.494 G	2.496 G	1.00 M	2.495998 G	-30.20	-17.20
2.496 G	2.499 G	1.00 M	2.497188 G	-29.11	-19.11
2.499 G	2.500 G	300.00 k	2.499909 G	-24.41	-14.41
2.500 G	2.518 G	100.00 k	2.506772 G	-1.37	-34.37

Date: 8.JUN.2017 17:05:14

Lowest channel



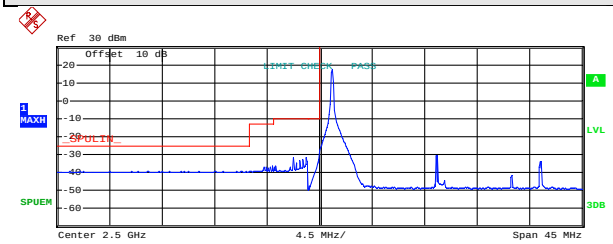
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.553 G	2.570 G	100.00 k	2.562947 G	-0.64	-33.64
2.570 G	2.571 G	300.00 k	2.570030 G	-22.95	-12.95
2.571 G	2.575 G	1.00 M	2.573880 G	-22.41	-12.41
2.575 G	2.576 G	1.00 M	2.575546 G	-24.07	-11.07
2.576 G	2.587 G	1.00 M	2.576529 G	-28.68	-3.68

Date: 8.JUN.2017 17:07:29

Highest channel

20MHz:

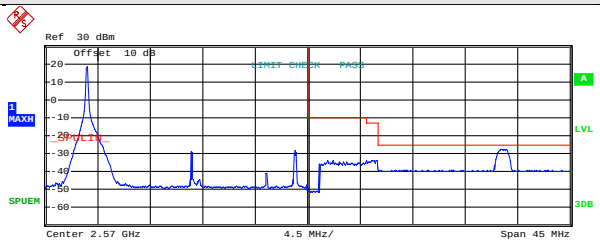
Test Mode:	LTE band 7(QPSK RB Size 1 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.478 G	2.494 G	1.00 M	2.492894 G	-39.29	-14.29
2.494 G	2.496 G	1.00 M	2.495978 G	-36.59	-23.59
2.496 G	2.499 G	1.00 M	2.498844 G	-31.41	-21.41
2.499 G	2.500 G	30.00 k	2.499987 G	-32.63	-22.63
2.500 G	2.523 G	100.00 k	2.501103 G	17.51	-15.49

Date: 8.JUN.2017 17:08:23

Lowest channel

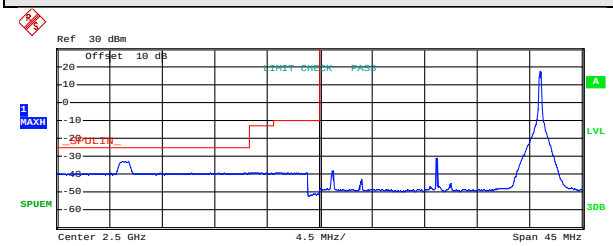


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.547 G	2.570 G	100.00 k	2.551100 G	18.60	-14.40
2.570 G	2.571 G	30.00 k	2.570512 G	-49.70	-39.70
2.571 G	2.575 G	1.00 M	2.572160 G	-33.75	-23.75
2.575 G	2.576 G	1.00 M	2.575610 G	-33.79	-20.79
2.576 G	2.592 G	1.00 M	2.586972 G	-27.57	-2.57

Date: 8.JUN.2017 17:13:04

Highest channel

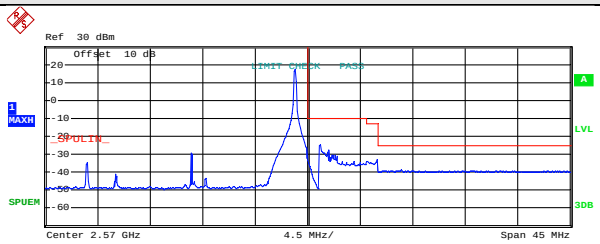
Test Mode:	LTE band 7(QPSK RB Size 1 & RB Offset 99)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.478 G	2.494 G	1.00 M	2.483374 G	-32.65	-7.65
2.494 G	2.496 G	1.00 M	2.494346 G	-39.03	-26.03
2.496 G	2.499 G	1.00 M	2.498985 G	-39.41	-29.41
2.499 G	2.500 G	30.00 k	2.499537 G	-50.91	-40.91
2.500 G	2.523 G	100.00 k	2.518923 G	17.46	-15.54

Date: 8.JUN.2017 17:08:44

Lowest channel

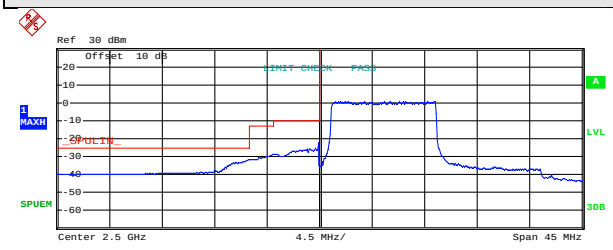


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.547 G	2.570 G	100.00 k	2.568920 G	17.54	-15.46
2.570 G	2.571 G	30.00 k	2.570006 G	-32.75	-22.75
2.571 G	2.575 G	1.00 M	2.571092 G	-24.77	-14.77
2.575 G	2.576 G	1.00 M	2.575954 G	-32.70	-19.70
2.576 G	2.592 G	1.00 M	2.590949 G	-38.85	-13.85

Date: 8.JUN.2017 17:13:23

Highest channel

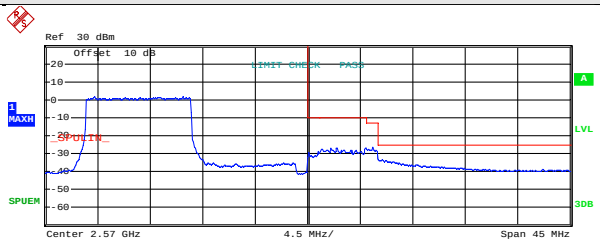
Test Mode:	LTE band 7(QPSK RB Size 50 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.478 G	2.494 G	1.00 M	2.493984 G	-32.06	-7.06
2.494 G	2.496 G	1.00 M	2.495964 G	-28.91	-15.91
2.496 G	2.499 G	1.00 M	2.498991 G	-25.99	-15.99
2.499 G	2.500 G	300.00 k	2.499986 G	-22.54	-12.54
2.500 G	2.523 G	100.00 k	2.509787 G	0.66	-32.34

Date: 8.JUN.2017 17:10:17

Lowest channel

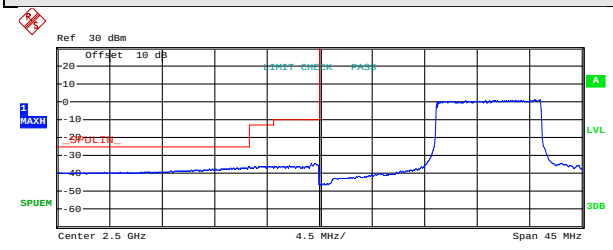


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.547 G	2.570 G	100.00 k	2.559267 G	1.48	-31.52
2.570 G	2.571 G	300.00 k	2.570921 G	-29.02	-19.02
2.571 G	2.575 G	1.00 M	2.574976 G	-26.99	-16.99
2.575 G	2.576 G	1.00 M	2.575553 G	-26.68	-13.68
2.576 G	2.592 G	1.00 M	2.576413 G	-33.73	-8.73

Date: 8.JUN.2017 17:13:52

Highest channel

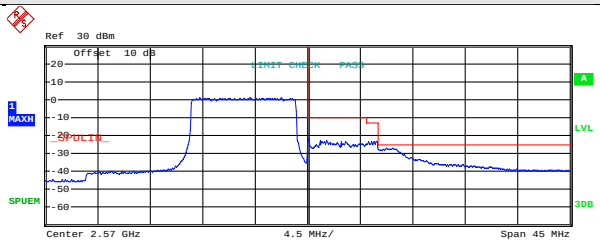
Test Mode:	LTE band 7(QPSK RB Size 50 & RB Offset 49)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.478 G	2.494 G	1.00 M	2.493934 G	-36.66	-11.66
2.494 G	2.496 G	1.00 M	2.495838 G	-36.23	-23.23
2.496 G	2.499 G	1.00 M	2.497347 G	-35.91	-25.91
2.499 G	2.500 G	300.00 k	2.499260 G	-34.39	-24.39
2.500 G	2.523 G	100.00 k	2.518855 G	1.03	-31.97

Date: 8.JUN.2017 17:12:02

Lowest channel

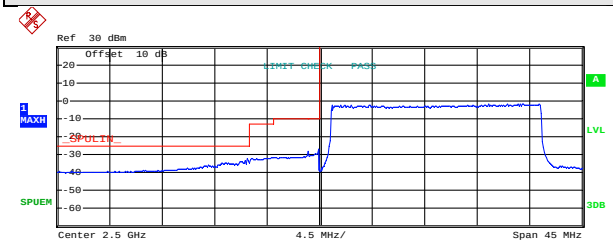


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.547 G	2.570 G	100.00 k	2.565927 G	0.84	-32.16
2.570 G	2.571 G	300.00 k	2.570107 G	-21.68	-11.68
2.571 G	2.575 G	1.00 M	2.571080 G	-23.10	-13.10
2.575 G	2.576 G	1.00 M	2.575510 G	-23.35	-10.35
2.576 G	2.592 G	1.00 M	2.576759 G	-26.40	-1.40

Date: 8.JUN.2017 17:14:16

Highest channel

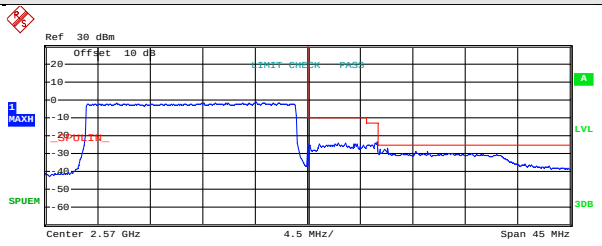
Test Mode:	LTE band 7(QPSK RB Size 100 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.478 G	2.494 G	1.00 M	2.493786 G	-32.43	-7.43
2.494 G	2.496 G	1.00 M	2.495980 G	-31.92	-18.92
2.496 G	2.499 G	1.00 M	2.498958 G	-30.48	-20.48
2.499 G	2.500 G	300.00 k	2.499918 G	-26.96	-16.96
2.500 G	2.523 G	100.00 k	2.517145 G	-1.83	-34.83

Date: 8.JUN.2017 17:12:23

Lowest channel

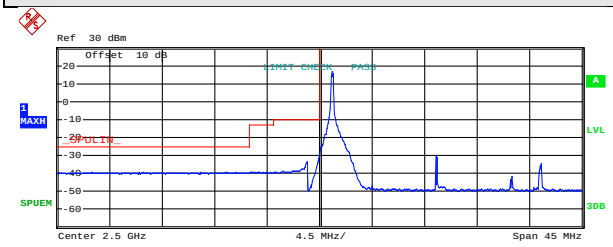


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.547 G	2.570 G	100.00 k	2.565545 G	-1.56	-34.56
2.570 G	2.571 G	300.00 k	2.570008 G	-24.66	-14.66
2.571 G	2.575 G	1.00 M	2.572616 G	-23.89	-13.89
2.575 G	2.576 G	1.00 M	2.575941 G	-23.73	-10.73
2.576 G	2.592 G	1.00 M	2.576858 G	-27.27	-2.27

Date: 8.JUN.2017 17:15:44

Highest channel

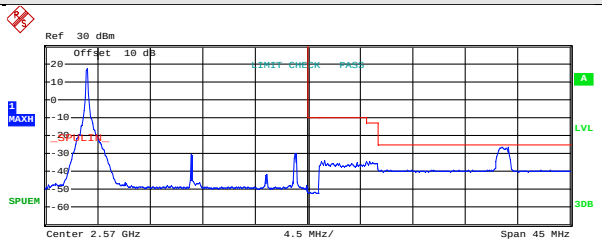
Test Mode:	LTE band 7(16QAM RB Size 1 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.478 G	2.494 G	1.00 M	2.491855 G	-39.42	-14.42
2.494 G	2.496 G	1.00 M	2.494894 G	-39.26	-26.26
2.496 G	2.499 G	1.00 M	2.499000 G	-33.19	-23.19
2.499 G	2.500 G	30.00 k	2.499984 G	-31.86	-21.86
2.500 G	2.523 G	100.00 k	2.501103 G	16.90	-16.10

Date: 8.JUN.2017 17:08:32

Lowest channel

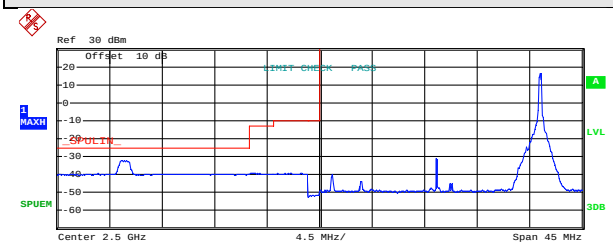


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.547 G	2.570 G	100.00 k	2.551077 G	17.23	-15.77
2.570 G	2.571 G	30.00 k	2.570564 G	-51.59	-41.59
2.571 G	2.575 G	1.00 M	2.571452 G	-34.27	-24.27
2.575 G	2.576 G	1.00 M	2.575339 G	-34.42	-21.42
2.576 G	2.592 G	1.00 M	2.587187 G	-26.51	-1.51

Date: 8.JUN.2017 17:13:12

Highest channel

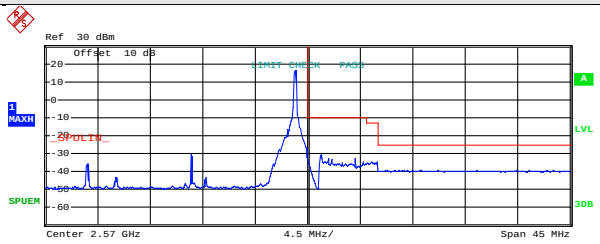
Test Mode:	LTE band 7(16QAM RB Size 1 & RB Offset 99)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.478 G	2.494 G	1.00 M	2.483093 G	-32.51	-7.51
2.494 G	2.496 G	1.00 M	2.494306 G	-39.22	-26.22
2.496 G	2.499 G	1.00 M	2.498499 G	-39.36	-29.36
2.499 G	2.500 G	30.00 k	2.499602 G	-51.42	-41.42
2.500 G	2.523 G	100.00 k	2.518945 G	16.20	-16.80

Date: 8.JUN.2017 17:08:55

Lowest channel

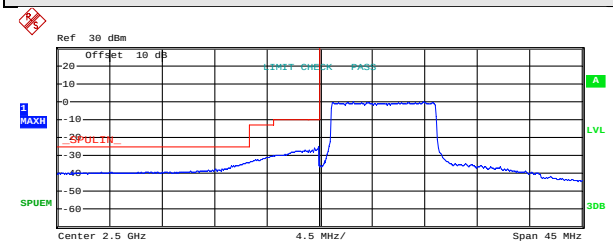


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.547 G	2.570 G	100.00 k	2.568875 G	16.45	-16.55
2.570 G	2.571 G	30.00 k	2.570019 G	-33.12	-23.12
2.571 G	2.575 G	1.00 M	2.571164 G	-30.27	-20.27
2.575 G	2.576 G	1.00 M	2.575968 G	-34.66	-21.66
2.576 G	2.592 G	1.00 M	2.586676 G	-39.32	-14.32

Date: 8.JUN.2017 17:13:32

Highest channel

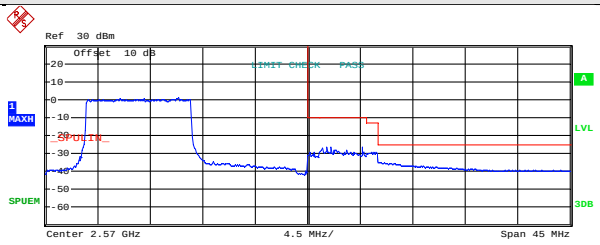
Test Mode:	LTE band 7(16QAM RB Size 50 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.478 G	2.494 G	1.00 M	2.493703 G	-34.15	-9.15
2.494 G	2.496 G	1.00 M	2.495776 G	-30.32	-17.32
2.496 G	2.499 G	1.00 M	2.498769 G	-27.23	-17.23
2.499 G	2.500 G	300.00 k	2.499988 G	-25.43	-15.43
2.500 G	2.523 G	100.00 k	2.508865 G	-0.33	-33.33

Date: 8.JUN.2017 17:10:42

Lowest channel

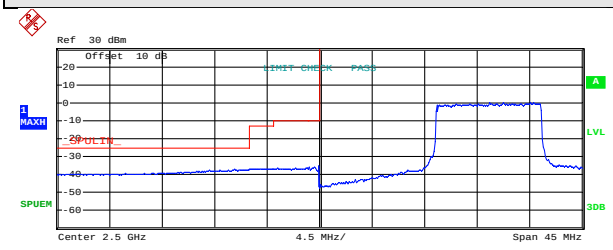


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.547 G	2.570 G	100.00 k	2.558908 G	0.90	-32.10
2.570 G	2.571 G	300.00 k	2.570561 G	-29.49	-19.49
2.571 G	2.575 G	1.00 M	2.571960 G	-26.52	-16.52
2.575 G	2.576 G	1.00 M	2.575648 G	-29.33	-16.33
2.576 G	2.592 G	1.00 M	2.576281 G	-35.07	-10.07

Date: 8.JUN.2017 17:14:01

Highest channel

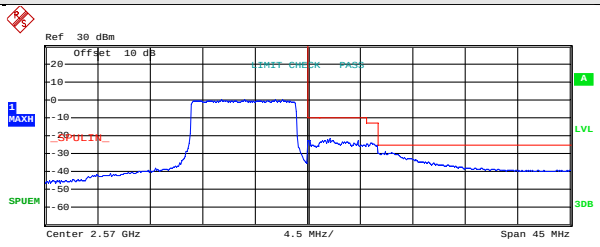
Test Mode:	LTE band 7(16QAM RB Size 50 & RB Offset 49)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.478 G	2.494 G	1.00 M	2.492663 G	-37.11	-12.11
2.494 G	2.496 G	1.00 M	2.495644 G	-36.79	-23.79
2.496 G	2.499 G	1.00 M	2.497911 G	-36.50	-26.50
2.499 G	2.500 G	300.00 k	2.499939 G	-35.16	-25.16
2.500 G	2.523 G	100.00 k	2.518360 G	-0.08	-33.08

Date: 8.JUN.2017 17:12:11

Lowest channel

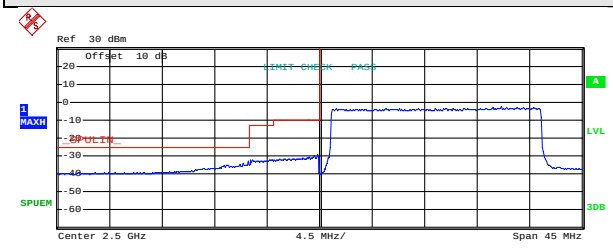


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.547 G	2.570 G	100.00 k	2.564623 G	-0.25	-33.25
2.570 G	2.571 G	300.00 k	2.570183 G	-22.66	-12.66
2.571 G	2.575 G	1.00 M	2.571900 G	-21.83	-11.83
2.575 G	2.576 G	1.00 M	2.575528 G	-24.21	-11.21
2.576 G	2.592 G	1.00 M	2.576627 G	-28.75	-3.75

Date: 8.JUN.2017 17:14:29

Highest channel

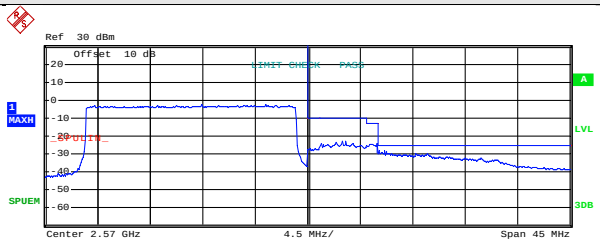
Test Mode:	LTE band 7(16QAM RB Size 100 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
2.478 G	2.494 G	1.00 M	2.493868 G	-32.88	-7.88
2.494 G	2.496 G	1.00 M	2.494258 G	-32.33	-19.33
2.496 G	2.499 G	1.00 M	2.499000 G	-30.96	-20.96
2.499 G	2.500 G	300.00 k	2.499840 G	-29.35	-19.35
2.500 G	2.523 G	100.00 k	2.515547 G	-2.71	-35.71

Date: 8.JUN.2017 17:12:30

Lowest channel

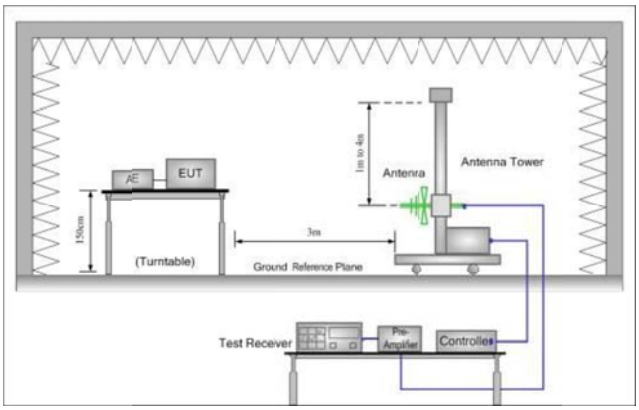
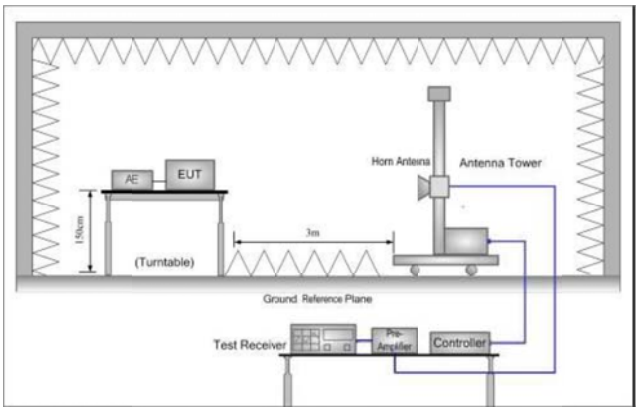


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	?Limit [dB]
2.547 G	2.570 G	100.00 k	2.566400 G	-2.67	-35.67
2.570 G	2.571 G	300.00 k	2.570610 G	-27.04	-17.04
2.571 G	2.575 G	1.00 M	2.572964 G	-22.88	-12.88
2.575 G	2.576 G	1.00 M	2.575943 G	-24.28	-11.28
2.576 G	2.592 G	1.00 M	2.576066 G	-28.09	-3.09

Date: 8.JUN.2017 17:15:52

Highest channel

6.10 ERP, EIRP Measurement

Test Requirement:	24.232 (c), part 27.50(d), part 27.50 (h)
Test Method:	FCC part2.1046
Limit:	LTE Band 2: 2W EIRP LTE Band 4: 1W EIRP LTE Band 7: 2W EIRP
Test setup:	Below 1GHz  Above 1GHz 

Test Procedure:	1. The EUT was placed on an non-conductive turntable using a non-conductive support. The radiated emission at the fundamental frequency was measured at 3 m with a test antenna and EMI spectrum analyzer. 2. During the measurement, the EUT was communication with the station. The highest emission was recorded with the rotation of the turntable and the lowering of the test antenna from 4m to 1m. The reading was recorded and the field strength (E in dBuV/m) was calculated. 3. ERP in frequency band below 1GHz were measured using a substitution method. The EUT was replaced by dipole antenna connected, the S.G. output was recorded and ERP was calculated as follows: ERP = S.G. output (dBm) + Antenna Gain (dBd) – Cable Loss (dB) 4. EIRP in frequency band above 1GHz were measured using a substitution method. The EUT was replaced by or horn antenna connected, the S.G. output was recorded and EIRP was calculated as follows: EIRP = S.G. output (dBm) + Antenna Gain (dBi) – Cable Loss (dB) 5. The worse case was relating to the conducted output power.
Test Instruments:	Refer to section 5.8 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed

Measurement Data (worst case):

LTE band 2 part

Lowest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1.4MHz(RB size 1 & RB offset 0)								
1850.70	18607	QPSK	1.4	H	V	22.30	33.00	Pass
					H	11.23		
1850.70	18607	16QAM	1.4	H	V	21.24		
					H	10.69		
1.4MHz(RB size 3 & RB offset 0)								
1850.70	18607	QPSK	1.4	H	V	22.46	33.00	Pass
					H	11.08		
1850.70	18607	16QAM	1.4	H	V	22.03		
					H	10.96		
1.4MHz(RB size 6 & RB offset 0)								
1850.70	18607	QPSK	1.4	H	V	21.57	33.00	Pass
					H	10.88		
1850.70	18607	16QAM	1.4	H	V	21.49		
					H	11.02		

Middle channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1.4MHz(RB size 1 & RB offset 0)								
1880.00	18900	QPSK	1.4	H	V	21.26	33.00	Pass
					H	12.40		
1880.00	18900	16QAM	1.4	H	V	21.47		
					H	11.26		
1.4MHz(RB size 3 & RB offset 0)								
1880.00	18900	QPSK	1.4	H	V	22.47	33.00	Pass
					H	11.36		
1880.00	18900	16QAM	1.4	H	V	22.69		
					H	10.23		
1.4MHz(RB size 6 & RB offset 0)								
1880.00	18900	QPSK	1.40	H	V	22.23	33.00	Pass
					H	10.77		
1880.00	18900	16QAM	1.40	H	V	21.36		
					H	10.25		

Highest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1.4MHz(RB size 1 & RB offset 0)								
1909.30	19193	QPSK	1.4	H	V	21.64	33.00	Pass
					H	11.34		
1909.30	19193	16QAM	1.4	H	V	21.69		
					H	10.42		
1.4MHz(RB size 3 & RB offset 0)								
1909.30	19193	QPSK	1.4	H	V	22.21	33.00	Pass
					H	10.26		
1909.30	19193	16QAM	1.4	H	V	22.58		
					H	10.39		
1.4MHz(RB size 6 & RB offset 0)								
1909.30	19193	QPSK	1.4	H	V	22.87	33.00	Pass
					H	10.46		
1909.30	19193	16QAM	1.4	H	V	21.39		
					H	10.77		

Lowest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
20MHz(RB size 1 & RB offset 0)								
1860.00	18700	QPSK	20	H	V	21.74	33.00	Pass
					H	11.16		
1860.00	18700	16QAM	20	H	V	21.56		
					H	11.11		
20MHz(RB size 50 & RB offset 0)								
1860.00	18700	QPSK	20	H	V	19.78	33.00	Pass
					H	10.07		
1860.00	18700	16QAM	20	H	V	20.84		
					H	10.06		
20MHz(RB size 100 & RB offset 0)								
1860.00	18700	QPSK	20	H	V	19.29	33.00	Pass
					H	10.62		
1860.00	18700	16QAM	20	H	V	19.26		
					H	10.22		

Middle channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
20MHz(RB size 1 & RB offset 0)								
1880.00	18900	QPSK	20	H	V	22.03	33.00	Pass
					H	10.24		
1880.00	18900	16QAM	20	H	V	22.19		
					H	10.00		
20MHz(RB size 50 & RB offset 0)								
1880.00	18900	QPSK	20	H	V	19.58	33.00	Pass
					H	11.43		
1880.00	18900	16QAM	20	H	V	20.20		
					H	11.29		
20MHz(RB size 100 & RB offset 0)								
1880.00	18900	QPSK	20	H	V	20.24	33.00	Pass
					H	11.37		
1880.00	18900	16QAM	20	H	V	20.19		
					H	12.24		

Highest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
20MHz(RB size 1 & RB offset 0)								
1900.00	19100	QPSK	20	H	V	21.36	33.00	Pass
					H	11.42		
1900.00	19100	16QAM	20	H	V	22.79		
					H	10.23		
20MHz(RB size 50 & RB offset 0)								
1900.00	19100	QPSK	20	H	V	20.21	33.00	Pass
					H	10.43		
1900.00	19100	16QAM	20	H	V	21.63		
					H	10.79		
20MHz(RB size 100 & RB offset 0)								
1900.00	19100	QPSK	20	H	V	21.24	33.00	Pass
					H	10.23		
1900.00	19100	16QAM	20	H	V	21.87		
					H	12.14		

LTE band 4 part

Lowest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1.4MHz(RB size 1 & RB offset 0)								
1710.70	19957	QPSK	1.4	H	V	21.63	30.00	Pass
					H	13.75		
1710.70	19957	16QAM	1.4	H	V	21.06		
					H	13.95		
1.4MHz(RB size 3 & RB offset 0)								
1710.70	19957	QPSK	1.4	H	V	21.99	30.00	Pass
					H	13.58		
1710.70	19957	16QAM	1.4	H	V	22.44		
					H	14.58		
1.4MHz(RB size 6 & RB offset 0)								
1710.70	19957	QPSK	1.4	H	V	19.72	30.00	Pass
					H	11.88		
1710.70	19957	16QAM	1.4	H	V	20.02		
					H	12.28		

Middle channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1.4MHz(RB size 1 & RB offset 0)								
1732.50	20175	QPSK	1.4	H	V	21.25	30.00	Pass
					H	13.45		
1732.50	20175	16QAM	1.4	H	V	21.76		
					H	13.56		
1.4MHz(RB size 3 & RB offset 0)								
1732.50	20175	QPSK	1.4	H	V	21.75	30.00	Pass
					H	13.25		
1732.50	20175	16QAM	1.4	H	V	22.69		
					H	14.72		
1.4MHz(RB size 6 & RB offset 0)								
1732.50	20175	QPSK	1.4	H	V	20.13	30.00	Pass
					H	11.72		
1732.50	20175	16QAM	1.4	H	V	20.43		
					H	12.39		

Highest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1.4MHz(RB size 1 & RB offset 0)								
1754.30	20393	QPSK	1.4	H	V	21.64	30.00	Pass
					H	12.24		
1754.30	20393	16QAM	1.4	H	V	22.36		
					H	14.76		
1.4MHz(RB size 3 & RB offset 0)								
1754.30	20393	QPSK	1.4	H	V	21.49	30.00	Pass
					H	12.26		
1754.30	20393	16QAM	1.4	H	V	22.43		
					H	10.42		
1.4MHz(RB size 6 & RB offset 0)								
1754.30	20393	QPSK	1.4	H	V	21.30	30.00	Pass
					H	11.25		
1754.30	20393	16QAM	1.4	H	V	21.63		
					H	13.26		

Lowest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
20MHz(RB size 1 & RB offset 0)								
1720.00	20050	QPSK	20	H	V	21.42	30.00	Pass
					H	14.00		
1720.00	20050	16QAM	20	H	V	20.43		
					H	13.70		
20MHz(RB size 50 & RB offset 0)								
1720.00	20050	QPSK	20	H	V	20.51	30.00	Pass
					H	13.66		
1720.00	20050	16QAM	20	H	V	20.54		
					H	13.62		
20MHz(RB size 100 & RB offset 0)								
1720.00	20050	QPSK	20	H	V	18.25	30.00	Pass
					H	11.08		
1720.00	20050	16QAM	20	H	V	18.21		
					H	11.04		

Middle channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
20MHz(RB size 1 & RB offset 0)								
1732.50	20175	QPSK	20	H	V	22.03	30.00	Pass
					H	12.34		
1732.50	20175	16QAM	20	H	V	20.21		
					H	13.56		
20MHz(RB size 50 & RB offset 0)								
1732.50	20175	QPSK	20	H	V	21.34	30.00	Pass
					H	12.58		
1732.50	20175	16QAM	20	H	V	20.31		
					H	13.25		
20MHz(RB size 100 & RB offset 0)								
1732.50	20175	QPSK	20	H	V	19.54	30.00	Pass
					H	10.25		
1732.50	20175	16QAM	20	H	V	19.45		
					H	10.21		

High channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
20MHz(RB size 1 & RB offset 0)								
1745.00	20300	QPSK	20	H	V	21.26	30.00	Pass
					H	12.47		
1745.00	20300	16QAM	20	H	V	20.59		
					H	12.42		
20MHz(RB size 50 & RB offset 0)								
1745.00	20300	QPSK	20	H	V	21.46	30.00	Pass
					H	11.27		
1745.00	20300	16QAM	20	H	V	21.46		
					H	12.43		
20MHz(RB size 100 & RB offset 0)								
1745.00	20300	QPSK	20	H	V	20.10	30.00	Pass
					H	10.26		
1745.00	20300	16QAM	20	H	V	20.23		
					H	10.17		

LTE band 7 part

Lowest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
5MHz(RB size 1 & RB offset 0)								
2502.50	20775	QPSK	5	H	V	17.25	33.00	Pass
					H	11.82		
2502.50	20775	16QAM	5	H	V	17.13		
					H	11.90		
5MHz(RB size 12& RB offset 0)								
2502.50	20775	QPSK	5	H	V	17.48	33.00	Pass
					H	12.04		
2502.50	20775	16QAM	5	H	V	17.46		
					H	12.09		
5MHz(RB size 25& RB offset 0)								
2502.50	20775	QPSK	5	H	V	14.26	33.00	Pass
					H	10.76		
2502.50	20775	16QAM	5	H	V	14.16		
					H	11.02		

Middle channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
5MHz(RB size 1 & RB offset 0)								
2535.00	21100	QPSK	5	H	V	16.25	33.00	Pass
					H	12.34		
2535.00	21100	16QAM	5	H	V	18.26		
					H	11.03		
5MHz(RB size 12& RB offset 0)								
2535.00	21100	QPSK	5	H	V	16.58	33.00	Pass
					H	11.46		
2535.00	21100	16QAM	5	H	V	16.78		
					H	10.26		
5MHz(RB size 25& RB offset 0)								
2535.00	21100	QPSK	5	H	V	15.67	33.00	Pass
					H	10.22		
2535.00	21100	16QAM	5	H	V	15.67		
					H	11.03		

Highest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
5MHz(RB size 1 & RB offset 0)								
2567.50	21425	QPSK	5	H	V	17.26	33.00	Pass
					H	12.34		
2567.50	21425	16QAM	5	H	V	17.85		
					H	11.42		
5MHz(RB size 12& RB offset 0)								
2567.50	21425	QPSK	5	H	V	17.24	33.00	Pass
					H	11.39		
2567.50	21425	16QAM	5	H	V	17.85		
					H	11.12		
5MHz(RB size 25& RB offset 0)								
2567.50	21425	QPSK	5	H	V	16.52	33.00	Pass
					H	10.24		
2567.50	21425	16QAM	5	H	V	17.23		
					H	11.23		

Lowest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
20MHz(RB size 1 & RB offset 0)								
2510.00	20850	QPSK	20	H	V	17.58	33.00	Pass
					H	12.38		
2510.00	20850	16QAM	20	H	V	17.65		
					H	12.41		
20MHz(RB size 50 & RB offset 0)								
2510.00	20850	QPSK	20	H	V	16.17	33.00	Pass
					H	11.46		
2510.00	20850	16QAM	20	H	V	16.14		
					H	11.36		
20MHz(RB size 100 & RB offset 0)								
2510.00	20850	QPSK	20	H	V	14.37	33.00	Pass
					H	10.44		
2510.00	20850	16QAM	20	H	V	15.26		
					H	10.26		

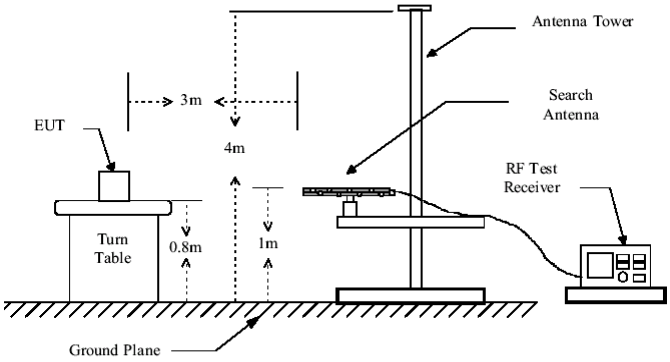
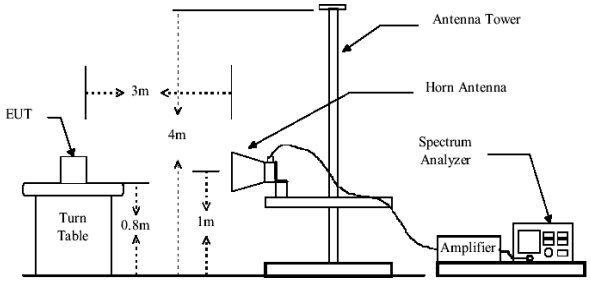
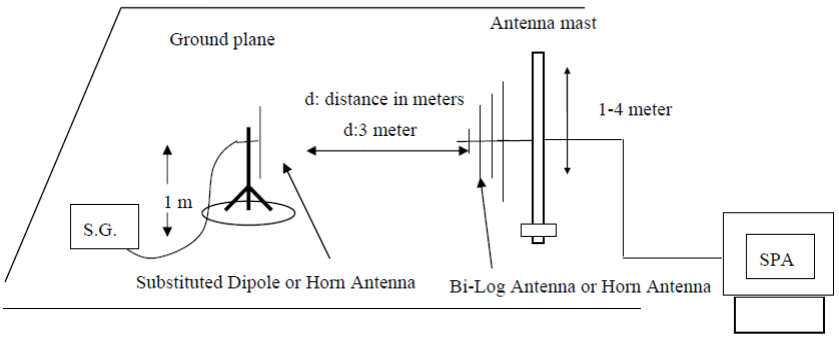
Middle channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
20MHz(RB size 1 & RB offset 0)								
2535.00	21100	QPSK	20	H	V	18.24	33.00	Pass
					H	11.36		
2535.00	21100	16QAM	20	H	V	18.75		
					H	12.03		
20MHz(RB size 50 & RB offset 0)								
2535.00	21100	QPSK	20	H	V	18.27	33.00	Pass
					H	12.06		
2535.00	21100	16QAM	20	H	V	17.24		
					H	12.36		
20MHz(RB size 100 & RB offset 0)								
2535.00	21100	QPSK	20	H	V	15.24	33.00	Pass
					H	10.23		
2535.00	21100	16QAM	20	H	V	16.72		
					H	10.48		

High channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
20MHz(RB size 1 & RB offset 0)								
2560.00	21350	QPSK	20	H	V	19.57	33.00	Pass
					H	10.24		
2560.00	21350	16QAM	20	H	V	18.26		
					H	11.23		
20MHz(RB size 50 & RB offset 0)								
2560.00	21350	QPSK	20	H	V	19.23	33.00	Pass
					H	11.02		
2560.00	21350	16QAM	20	H	V	18.46		
					H	11.52		
20MHz(RB size 100 & RB offset 0)								
2560.00	21350	QPSK	20	H	V	16.72	33.00	Pass
					H	11.24		
2560.00	21350	16QAM	20	H	V	16.89		
					H	10.21		

6.11 Field strength of spurious radiation measurement

Test Requirement:	Part 24.238 (a), Part 27.53(m), Part 27.53(h)
Test Method:	FCC part2.1053
Limit:	LTE Band 2, LTE Band 4: -13dBm, LTE Band 7: -25dBm
Test setup:	Below 1GHz  Above 1GHz  Substituted method: 
Test Procedure:	1. The EUT was placed on an non-conductive turntable using a non-conductive support. The radiated emission at the fundamental frequency was measured at 3 m with a test antenna and EMI spectrum analyzer. 2. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations. 3. The frequency range up to tenth harmonic was investigated for each of three fundamental frequency (low, middle and high channels). Once spurious emission was identified, the power of the emission

	was determined using the substitution method. 4. The spurious emissions attenuation was calculated as the difference between radiated power at the fundamental frequency and the spurious emissions frequency. ERP / EIRP = S.G. output (dBm) + Antenna Gain(dB/dBi) – Cable Loss (dB)
Test Instruments:	Refer to section 5.8 for details
Test mode:	Refer to section 5.3 for details.
Test results:	Passed

Measurement Data (worst case):

Below 1GHz:

The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.

Above 1GHz
For above 1 GHz, all test modes were performed, and just the worst case shown in the report.

LTE band 2 part:

1.4MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3701.40	Vertical	-47.47	-13.00	Pass
5552.10	V	-35.79		
7402.00	V	-35.20		
3701.40	Horizontal	-47.08		
5552.10	H	-34.26		
7402.00	H	-38.11		
Middle				
3760.00	Vertical	-42.67	-13.00	Pass
5640.00	V	-31.39		
7520.00	V	-36.68		
3760.00	Horizontal	-49.08		
5640.00	H	-23.68		
7520.00	H	-35.88		
Highest				
3816.60	Vertical	-46.59	-13.00	Pass
5724.90	V	-28.69		
7633.20	V	-36.35		
3816.60	Horizontal	-43.26		
5724.90	H	-24.58		
7633.20	H	-32.47		

3MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3703.00	Vertical	-46.32	-13.00	Pass
5554.50	V	-35.21		
7406.00	V	-36.72		
3703.00	Horizontal	-45.12		
5554.50	H	-36.78		
7406.00	H	-35.13		
Middle				
3760.00	Vertical	-45.21	-13.00	Pass
5640.00	V	-36.25		
7520.00	V	-35.79		
3760.00	Horizontal	-34.15		
5640.00	H	-32.73		
7520.00	H	-35.21		
Highest				
3817.00	Vertical	-45.27	-13.00	Pass
5725.50	V	-34.31		
7634.00	V	-33.58		
3817.00	Horizontal	-46.58		
5725.50	H	-32.65		
7634.00	H	-35.24		

5MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3705.00	Vertical	-46.26	-13.00	Pass
5557.50	V	-34.27		
7410.00	V	-36.25		
3705.00	Horizontal	-47.51		
5557.50	H	-31.52		
7410.00	H	-38.59		
Middle				
3760.00	Vertical	-42.57	-13.00	Pass
5640.00	V	-31.26		
7520.00	V	-36.59		
3760.00	Horizontal	-48.51		
5640.00	H	-23.56		
7520.00	H	-35.76		
Highest				
3815.00	Vertical	-45.12	-13.00	Pass
5722.50	V	-29.54		
7630.00	V	-36.59		
3815.00	Horizontal	-43.25		
5722.50	H	-24.18		
7630.00	H	-32.72		

10MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3710.00	Vertical	-46.23	-13.00	Pass
5565.00	V	-35.21		
7420.00	V	-36.59		
3710.00	Horizontal	-45.21		
5565.00	H	-36.45		
7420.00	H	-35.78		
Middle				
3760.00	Vertical	-45.21	-13.00	Pass
5640.00	V	-36.59		
7520.00	V	-36.45		
3760.00	Horizontal	-35.10		
5640.00	H	-32.25		
7520.00	H	-36.57		
Highest				
3810.00	Vertical	-42.64	-13.00	Pass
5715.00	V	-34.61		
7620.00	V	-33.47		
3810.00	Horizontal	-45.61		
5715.00	H	-32.67		
7620.00	H	-35.49		

15MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3715.00	Vertical	-46.25	-13.00	Pass
5572.50	V	-34.15		
7430.00	V	-36.29		
3715.00	Horizontal	-45.81		
5572.50	H	-32.47		
7430.00	H	-38.54		
Middle				
3760.00	Vertical	-42.15	-13.00	Pass
5640.00	V	-32.46		
7520.00	V	-35.78		
3760.00	Horizontal	-48.51		
5640.00	H	-23.65		
7520.00	H	-35.97		
Highest				
3805.00	Vertical	-45.16	-13.00	Pass
5707.50	V	-30.26		
7610.00	V	-35.27		
3805.00	Horizontal	-42.18		
5707.50	H	-25.97		
7610.00	H	-31.49		

20MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3720.00	Vertical	-45.26	-13.00	Pass
5580.00	V	-36.54		
7440.00	V	-35.78		
3720.00	Horizontal	-46.64		
5580.00	H	-35.78		
7440.00	H	-36.89		
Middle				
3760.00	Vertical	-46.93	-13.00	Pass
5640.00	V	-36.23		
7520.00	V	-35.91		
3760.00	Horizontal	-36.25		
5640.00	H	-31.36		
7520.00	H	-36.56		
Highest				
3800.00	Vertical	-44.49	-13.00	Pass
5700.00	V	-34.96		
7600.00	V	-33.71		
3800.00	Horizontal	-47.82		
5700.00	H	-33.68		
7600.00	H	-36.69		

LTE Band 4 Part:

1.4MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3421.40	Vertical	-45.44	-13.00	Pass
5132.10	V	-33.16		
6842.80	V	-29.95		
3421.40	Horizontal	-44.29		
5132.10	H	-40.44		
6842.80	H	-34.12		
Middle				
3465.00	Vertical	-47.22	-13.00	Pass
5197.50	V	-35.25		
6930.00	V	-35.22		
3465.00	Horizontal	-42.02		
5197.50	H	-33.82		
6930.00	H	-36.00		
Highest				
3508.60	Vertical	-43.96	-13.00	Pass
5262.90	V	-34.99		
7017.20	V	-36.09		
3508.60	Horizontal	-46.26		
5262.90	H	-37.66		
7017.20	H	-36.91		

3MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3423.00	Vertical	-52.26	-13.00	Pass
5134.50	V	-40.21		
6846.00	V	-37.65		
3423.00	Horizontal	-40.21		
5134.50	H	-33.26		
6846.00	H	-35.26		
Middle				
3465.00	Vertical	-51.24	-13.00	Pass
5197.50	V	-42.57		
6930.00	V	-38.59		
3465.00	Horizontal	-41.21		
5197.50	H	-33.75		
6930.00	H	-38.62		
Highest				
3507.00	Vertical	-51.27	-13.00	Pass
5260.50	V	-42.56		
7014.00	V	-38.61		
3507.00	Horizontal	-42.21		
5260.50	H	-33.36		
7014.00	H	-34.59		

5MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3425.00	Vertical	-45.21	-13.00	Pass
5137.50	V	-33.26		
6850.00	V	-29.58		
3425.00	Horizontal	-42.61		
5137.50	H	40.72		
6850.00	H	-33.26		
Middle				
3465.00	Vertical	-46.25	-13.00	Pass
5197.50	V	-35.67		
6930.00	V	-35.95		
3465.00	Horizontal	-42.13		
5197.50	H	-34.57		
6930.00	H	-36.29		
Highest				
3505.00	Vertical	-42.21	-13.00	Pass
5257.50	V	-35.64		
7010.00	V	-36.91		
3505.00	Horizontal	-45.68		
5257.50	H	-37.65		
7010.00	H	-35.62		

10MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3430.00	Vertical	-51.23	-13.00	Pass
5145.00	V	-40.25		
6860.00	V	-37.54		
3430.00	Horizontal	-40.26		
5145.00	H	-32.69		
6860.00	H	-36.34		
Middle				
3465.00	Vertical	-50.21	-13.00	Pass
5197.50	V	-41.25		
6930.00	V	-37.54		
3465.00	Horizontal	-40.26		
5197.50	H	-32.58		
6930.00	H	-37.49		
Highest				
3500.00	Vertical	-50.63	-13.00	Pass
5250.00	V	-41.28		
7000.00	V	-38.57		
3500.00	Horizontal	-41.28		
5250.00	H	-32.26		
7000.00	H	-33.47		

15MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3435.00	Vertical	-46.21	-13.00	Pass
5152.50	V	-34.69		
6870.00	V	-30.75		
3435.00	Horizontal	-42.58		
5152.50	H	-40.25		
6870.00	H	-33.78		
Middle				
3465.00	Vertical	-45.12	-13.00	Pass
5197.50	V	-36.24		
6930.00	V	-35.19		
3465.00	Horizontal	-42.18		
5197.50	H	-34.77		
6930.00	H	-36.12		
Highest				
3495.00	Vertical	-42.75	-13.00	Pass
5242.50	V	-35.97		
6990.00	V	-35.21		
3495.00	Horizontal	-45.97		
5242.50	H	-38.21		
6990.00	H	-35.19		

20MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3440.00	Vertical	-50.24	-13.00	Pass
5160.00	V	-41.32		
6880.00	V	-38.54		
3440.00	Horizontal	-40.22		
5160.00	H	-32.67		
6880.00	H	-35.29		
Middle				
3465.00	Vertical	-49.05	-13.00	Pass
5197.50	V	-40.96		
6930.00	V	-37.43		
3465.00	Horizontal	-40.57		
5197.50	H	-32.61		
6930.00	H	-34.85		
Highest				
3490.00	Vertical	-50.12	-13.00	Pass
5235.00	V	-41.26		
6980.00	V	-38.65		
3490.00	Horizontal	-40.21		
5235.00	H	-32.56		
6980.00	H	-33.57		

LTE Band 7 Part:

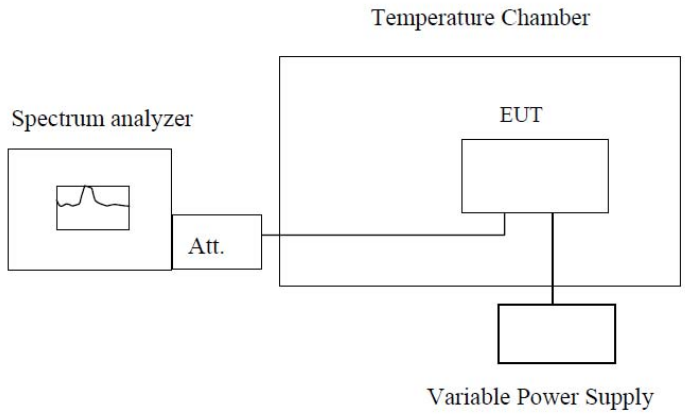
5MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
5005.00	Vertical	-37.28	-25.00	Pass
7507.50	V	-29.95		
10010.00	V	-33.11		
5005.00	Horizontal	-30.98		
7507.50	H	-26.28		
10010.00	H	-29.00		
Middle				
5070.00	Vertical	-33.90	-25.00	Pass
7605.00	V	-34.82		
10140.00	V	-36.39		
5070.00	Horizontal	-35.16		
7605.00	H	-32.39		
10140.00	H	-33.48		
Highest				
5135.00	Vertical	-33.99	-25.00	Pass
7702.50	V	-32.13		
10270.00	V	-32.34		
5135.00	Horizontal	-34.14		
7702.50	H	-28.48		
10270.00	H	-32.61		

10MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
5010.00	Vertical	-31.25	-25.00	Pass
7515.00	V	-32.67		
10020.00	V	-30.46		
5010.00	Horizontal	-34.57		
7515.00	H	-26.59		
10020.00	H	-38.55		
Middle				
5070.00	Vertical	-26.64	-25.00	Pass
7605.00	V	-25.57		
10140.00	V	-30.12		
5070.00	Horizontal	-28.54		
7605.00	H	-26.91		
10140.00	H	-30.26		
Highest				
5130.00	Vertical	-32.54	-25.00	Pass
7695.00	V	-30.16		
10260.00	V	-32.25		
5130.00	Horizontal	-32.64		
7695.00	H	-31.02		
10260.00	H	-29.67		

15MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
5015.00	Vertical	-37.26	-25.00	Pass
7522.50	V	-29.54		
10030.00	V	-33.16		
5015.00	Horizontal	-30.25		
7522.50	H	-26.28		
10030.00	H	-28.64		
Middle				
5070.00	Vertical	-32.21	-25.00	Pass
7605.00	V	-33.46		
10140.00	V	-35.51		
5070.00	Horizontal	-35.76		
7605.00	H	-32.15		
10140.00	H	-33.49		
Highest				
5125.00	Vertical	-32.58	-25.00	Pass
7687.50	V	-32.57		
10250.00	V	-32.45		
5125.00	Horizontal	-34.78		
7687.50	H	-28.51		
10250.00	H	-32.26		

20MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
5020.00	Vertical	-32.55	-25.00	Pass
7530.00	V	-31.30		
10040.00	V	-31.45		
5020.00	Horizontal	-33.50		
7530.00	H	-26.03		
10040.00	H	-28.57		
Middle				
5070.00	Vertical	-27.62	-25.00	Pass
7605.00	V	-27.96		
10140.00	V	-30.45		
5070.00	Horizontal	-28.51		
7605.00	H	-27.64		
10140.00	H	-30.22		
Highest				
5120.00	Vertical	-31.67	-25.00	Pass
7680.00	V	-29.76		
10240.00	V	-33.23		
5120.00	Horizontal	-31.80		
7680.00	H	-31.00		
10240.00	H	-30.29		

6.12 Frequency stability V.S. Temperature measurement

Test Requirement:	Part 24.235, Part 27.54, Part 2.1055(a)(1)(b)
Test Method:	FCC Part2.1055(a)(1)(b)
Limit:	±2.5ppm
Test setup:	 **Note :** Measurement setup for testing on Antenna connector
Test procedure:	1. The equipment under test was connected to an external DC power supply and input rated voltage. 2. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. 3. The EUT was placed inside the temperature chamber. 4. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 25℃ operating frequency as reference frequency. 5. Turn EUT off and set the chamber temperature to –30℃. After the temperature stabilized for approximately 30 minutes recorded the frequency. 6. Repeat step measure with 10℃ increased per stage until the highest temperature of +50℃ reached
Test Instruments:	Refer to section 5.8 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed
Remark:	All three channels of all modulations have been tested, but only the worst channel and the worst modulation show in this test item.

Measurement Data (the worst channel):

LTE Band 2(QPSK):

Reference Frequency: LTE Band 2(1.4MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	182	0.096809	±2.5	Pass
	-20	174	0.092553		
	-10	155	0.082447		
	0	163	0.086702		
	10	147	0.078191		
	20	135	0.071809		
	30	140	0.074468		
	40	158	0.084043		
	50	160	0.085106		
Reference Frequency: LTE Band 2(3MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	163	0.086702	±2.5	Pass
	-20	145	0.077128		
	-10	122	0.064894		
	0	130	0.069149		
	10	145	0.077128		
	20	125	0.066489		
	30	136	0.072340		
	40	142	0.075532		
	50	157	0.083511		
Reference Frequency: LTE Band 2(5MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	168	0.089362	±2.5	Pass
	-20	152	0.080851		
	-10	144	0.076596		
	0	123	0.065426		
	10	125	0.066489		
	20	140	0.074468		
	30	113	0.060106		
	40	128	0.068085		
	50	160	0.085106		

Reference Frequency: LTE Band 2(10MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	174	0.092553	±2.5	Pass
	-20	152	0.080851		
	-10	162	0.086170		
	0	135	0.071809		
	10	146	0.077660		
	20	128	0.068085		
	30	155	0.082447		
	40	126	0.067021		
	50	128	0.068085		
Reference Frequency: LTE Band 2(15MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	181	0.096277	±2.5	Pass
	-20	145	0.077128		
	-10	162	0.086170		
	0	143	0.076064		
	10	155	0.082447		
	20	128	0.068085		
	30	146	0.077660		
	40	125	0.066489		
	50	170	0.090426		
Reference Frequency: LTE Band 2(20MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	166	0.088298	±2.5	Pass
	-20	145	0.077128		
	-10	125	0.066489		
	0	136	0.072340		
	10	152	0.080851		
	20	104	0.055319		
	30	122	0.064894		
	40	134	0.071277		
	50	163	0.086702		

LTE Band 2(16QAM):

Reference Frequency: LTE Band 2(1.4MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	170	0.090426	±2.5	Pass
	-20	155	0.082447		
	-10	142	0.075532		
	0	133	0.070745		
	10	160	0.085106		
	20	151	0.080319		
	30	140	0.074468		
	40	123	0.065426		
	50	128	0.068085		
Reference Frequency: LTE Band 2(3MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	170	0.090426	±2.5	Pass
	-20	125	0.066489		
	-10	142	0.075532		
	0	136	0.072340		
	10	152	0.080851		
	20	155	0.082447		
	30	146	0.077660		
	40	149	0.079255		
	50	138	0.073404		
Reference Frequency: LTE Band 2(5MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	190	0.101064	±2.5	Pass
	-20	188	0.100000		
	-10	152	0.080851		
	0	163	0.086702		
	10	145	0.077128		
	20	174	0.092553		
	30	165	0.087766		
	40	128	0.068085		
	50	152	0.080851		

Reference Frequency: LTE Band 2(10MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	176	0.093617	±2.5	Pass
	-20	185	0.098404		
	-10	122	0.064894		
	0	124	0.065957		
	10	136	0.072340		
	20	141	0.075000		
	30	120	0.063830		
	40	156	0.082979		
	50	122	0.064894		
Reference Frequency: LTE Band 2(15MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	157	0.083511	±2.5	Pass
	-20	142	0.075532		
	-10	133	0.070745		
	0	135	0.071809		
	10	126	0.067021		
	20	150	0.079787		
	30	114	0.060638		
	40	128	0.068085		
	50	137	0.072872		
Reference Frequency: LTE Band 2(20MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	169	0.089894	±2.5	Pass
	-20	145	0.077128		
	-10	133	0.070745		
	0	135	0.071809		
	10	128	0.068085		
	20	150	0.079787		
	30	154	0.081915		
	40	117	0.062234		
	50	116	0.061702		

LTE Band 4(QPSK):

Reference Frequency: LTE Band 4(1.4MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	186	0.107359	±2.5	Pass
	-20	126	0.072727		
	-10	124	0.071573		
	0	130	0.075036		
	10	105	0.060606		
	20	121	0.069841		
	30	136	0.078499		
	40	140	0.080808		
	50	150	0.086580		
Reference Frequency: LTE Band 4(3MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	163	0.094084	±2.5	Pass
	-20	104	0.060029		
	-10	115	0.066378		
	0	126	0.072727		
	10	134	0.077345		
	20	141	0.081385		
	30	142	0.081962		
	40	150	0.086580		
	50	123	0.070996		
Reference Frequency: LTE Band 4(5MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	185	0.106782	±2.5	Pass
	-20	142	0.081962		
	-10	136	0.078499		
	0	141	0.081385		
	10	134	0.077345		
	20	135	0.077922		
	30	126	0.072727		
	40	147	0.084848		
	50	105	0.060606		

Reference Frequency: LTE Band 4(10MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	160	0.092352	±2.5	Pass
	-20	125	0.072150		
	-10	111	0.064069		
	0	134	0.077345		
	10	135	0.077922		
	20	126	0.072727		
	30	107	0.061760		
	40	129	0.074459		
	50	124	0.071573		
Reference Frequency: LTE Band 4(15MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	144	0.083117	±2.5	Pass
	-20	120	0.069264		
	-10	113	0.065224		
	0	135	0.077922		
	10	141	0.081385		
	20	126	0.072727		
	30	108	0.062338		
	40	119	0.068687		
	50	127	0.073304		
Reference Frequency: LTE Band 4(20MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	171	0.098701	±2.5	Pass
	-20	129	0.074459		
	-10	150	0.086580		
	0	142	0.081962		
	10	136	0.078499		
	20	146	0.084271		
	30	108	0.062338		
	40	107	0.061760		
	50	116	0.066955		

LTE Band 4(16QAM):

Reference Frequency: LTE Band 4(1.4MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	168	0.096970	±2.5	Pass
	-20	137	0.079076		
	-10	130	0.075036		
	0	126	0.072727		
	10	108	0.062338		
	20	118	0.068110		
	30	127	0.073304		
	40	133	0.076768		
	50	149	0.086003		
Reference Frequency: LTE Band 4(3MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	177	0.102165	±2.5	Pass
	-20	163	0.094084		
	-10	125	0.072150		
	0	145	0.083694		
	10	105	0.060606		
	20	123	0.070996		
	30	141	0.081385		
	40	106	0.061183		
	50	122	0.070418		
Reference Frequency: LTE Band 4(5MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	186	0.107359	±2.5	Pass
	-20	175	0.101010		
	-10	125	0.072150		
	0	136	0.078499		
	10	122	0.070418		
	20	114	0.065801		
	30	136	0.078499		
	40	125	0.072150		
	50	142	0.081962		

Reference Frequency: LTE Band 4(10MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	194	0.111977	±2.5	Pass
	-20	152	0.087734		
	-10	146	0.084271		
	0	135	0.077922		
	10	122	0.070418		
	20	147	0.084848		
	30	185	0.106782		
	40	180	0.103896		
	50	169	0.097547		
Reference Frequency: LTE Band 4(15MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	174	0.100433	±2.5	Pass
	-20	155	0.089466		
	-10	146	0.084271		
	0	136	0.078499		
	10	120	0.069264		
	20	104	0.060029		
	30	115	0.066378		
	40	128	0.073882		
	50	162	0.093506		
Reference Frequency: LTE Band 4(20MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	170	0.098124	±2.5	Pass
	-20	125	0.072150		
	-10	136	0.078499		
	0	144	0.083117		
	10	152	0.087734		
	20	160	0.092352		
	30	141	0.081385		
	40	125	0.072150		
	50	129	0.074459		

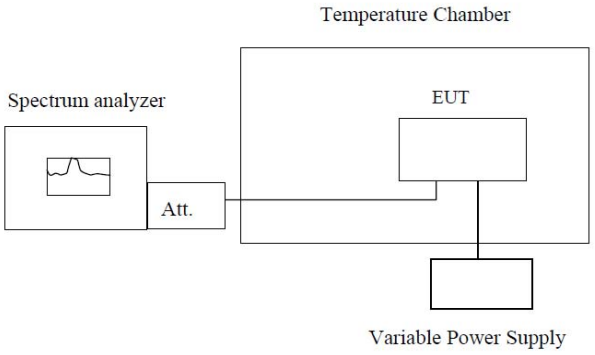
LTE Band 7(QPSK):

Reference Frequency: LTE Band 7(5MHz) Middle channel=21100Frequency=2535.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	146	0.057594	±2.5	Pass
	-20	125	0.04931		
	-10	130	0.051282		
	0	120	0.047337		
	10	141	0.055621		
	20	112	0.044181		
	30	105	0.04142		
	40	122	0.048126		
	50	140	0.055227		
Reference Frequency: LTE Band 7(10MHz) Middle channel=21100 Frequency=2535.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	182	0.071795	±2.5	Pass
	-20	145	0.057199		
	-10	165	0.065089		
	0	125	0.04931		
	10	138	0.054438		
	20	147	0.057988		
	30	122	0.048126		
	40	180	0.071006		
	50	174	0.068639		
Reference Frequency: LTE Band 7(15MHz) Middle channel=21100 Frequency=2535.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	136	0.053649	±2.5	Pass
	-20	125	0.04931		
	-10	104	0.041026		
	0	115	0.045365		
	10	120	0.047337		
	20	123	0.048521		
	30	107	0.042209		
	40	112	0.044181		
	50	130	0.051282		
Reference Frequency: LTE Band 7(20MHz) Middle channel=21100 Frequency=2535.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	150	0.059172	±2.5	Pass
	-20	125	0.049310		
	-10	142	0.056016		
	0	136	0.053649		
	10	130	0.051282		
	20	101	0.039842		
	30	145	0.057199		
	40	125	0.049310		
	50	130	0.051282		

LTE Band 7(16QAM):

Reference Frequency: LTE Band 7(5MHz) Middle channel=21100Frequency=2535.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	163	0.064300	±2.5	Pass
	-20	152	0.059961		
	-10	142	0.056016		
	0	125	0.049310		
	10	135	0.053254		
	20	108	0.042604		
	30	117	0.046154		
	40	155	0.061144		
	50	124	0.048915		
Reference Frequency: LTE Band 7(10MHz) Middle channel=21100 Frequency=2535.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	191	0.075345	±2.5	Pass
	-20	127	0.050099		
	-10	154	0.060750		
	0	163	0.064300		
	10	168	0.066272		
	20	125	0.049310		
	30	135	0.053254		
	40	124	0.048915		
	50	168	0.066272		
Reference Frequency: LTE Band 7(15MHz) Middle channel=21100 Frequency=2535.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	189	0.074556	2.5	Pass
	-20	134	0.052860		
	-10	145	0.057199		
	0	116	0.045759		
	10	148	0.058383		
	20	136	0.053649		
	30	122	0.048126		
	40	174	0.068639		
	50	168	0.066272		
Reference Frequency: LTE Band 7(20MHz) Middle channel=21100 Frequency=2535.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	158	0.062327	2.5	Pass
	-20	127	0.050099		
	-10	144	0.056805		
	0	106	0.041815		
	10	139	0.054832		
	20	185	0.072978		
	30	144	0.056805		
	40	120	0.047337		
	50	115	0.045365		

6.13 Frequency stability V.S. Voltage measurement

Test Requirement:	Part 24.235, Part 27.54, Part 2.1055(d)(2)
Test Method:	FCC Part2.1055(d)(1)(2)
Limit:	2.5ppm
Test setup:	 **Note :** Measurement setup for testing on Antenna connector
Test procedure:	1. Set chamber temperature to 25℃. Use a variable DC power source to power the EUT and set the voltage to rated voltage. 2. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency. 3. Reduce the input voltage to specify extreme voltage variation (+/- 15%) and endpoint, record the maximum frequency change.
Test Instruments:	Refer to section 5.8 for details
Test mode:	Refer to section 5.3 for details, and all channels have been tested, only shows the worst channel data in this report.
Test results:	Passed

Measurement Data (the worst channel):

LTE Band 2(QPSK):

Reference Frequency: LTE Band 2(1.4MHz) Middle channel=18900 channel=1880.00MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.35	74	0.039362	±2.5	Pass
	3.80	88	0.046809		
	3.60	90	0.047872		
Reference Frequency: LTE Band 2(3MHz) Middle channel=18900 channel=1880.00MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.35	63	0.033511	±2.5	Pass
	3.80	88	0.046809		
	3.60	74	0.039362		
Reference Frequency: LTE Band 2(5MHz) Middle channel=18900 channel=1880.00MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.35	89	0.047340	±2.5	Pass
	3.80	69	0.036702		
	3.60	87	0.046277		
Reference Frequency: LTE Band 2(10MHz) Middle channel=18900 channel=1880.00MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.35	97	0.051596	±2.5	Pass
	3.80	88	0.046809		
	3.60	74	0.039362		
Reference Frequency: LTE Band 2(15MHz) Middle channel=18900 channel=1880.00MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.35	68	0.036170	±2.5	Pass
	3.80	70	0.037234		
	3.60	49	0.026064		
Reference Frequency: LTE Band 2(20MHz) Middle channel=20175 channel=1880.00MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.35	88	0.046809	±2.5	Pass
	3.80	79	0.042021		
	3.60	60	0.031915		

LTE Band 2(16QAM):

Reference Frequency: LTE Band 2(1.4MHz) Middle channel=18900 channel=1880.00MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.35	89	0.047340	±2.5	Pass
	3.80	79	0.042021		
	3.60	68	0.036170		
Reference Frequency: LTE Band 2(3MHz) Middle channel=18900 channel=1880.00MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.35	88	0.046809	±2.5	Pass
	3.80	74	0.039362		
	3.60	90	0.047872		
Reference Frequency: LTE Band 2(5MHz) Middle channel=18900 channel=1880.00MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.35	85	0.045213	±2.5	Pass
	3.80	74	0.039362		
	3.60	96	0.051064		
Reference Frequency: LTE Band 2(10MHz) Middle channel=18900 channel=1880.00MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.35	86	0.045745	±2.5	Pass
	3.80	95	0.050532		
	3.60	78	0.041489		
Reference Frequency: LTE Band 2(15MHz) Middle channel=18900 channel=1880.00MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.35	79	0.042021	±2.5	Pass
	3.80	88	0.046809		
	3.60	75	0.039894		
Reference Frequency: LTE Band 2(20MHz) Middle channel=18900 channel=1880.00MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.35	96	0.051064	±2.5	Pass
	3.80	85	0.045213		
	3.60	79	0.042021		

LTE Band 4(QPSK):

Reference Frequency: LTE Band 4(1.4MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.35	74	0.042713	±2.5	Pass
	3.80	90	0.051948		
	3.60	85	0.049062		
Reference Frequency: LTE Band 4(3MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.35	87	0.050216	±2.5	Pass
	3.80	74	0.042713		
	3.60	90	0.051948		
Reference Frequency: LTE Band 4(5MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.35	63	0.036364	±2.5	Pass
	3.80	74	0.042713		
	3.60	85	0.049062		
Reference Frequency: LTE Band 4(10MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.35	89	0.051371	±2.5	Pass
	3.80	90	0.051948		
	3.60	88	0.050794		
Reference Frequency: LTE Band 4(15MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.35	88	0.050794	±2.5	Pass
	3.80	79	0.045599		
	3.60	85	0.049062		
Reference Frequency: LTE Band 4(20MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.35	96	0.055411	±2.5	Pass
	3.80	88	0.050794		
	3.60	87	0.050216		

LTE Band 4(16QAM):

Reference Frequency: LTE Band 4(1.4MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.35	88	0.050794	±2.5	Pass
	3.80	90	0.051948		
	3.60	74	0.042713		
Reference Frequency: LTE Band 4(3MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.35	88	0.050794	±2.5	Pass
	3.80	96	0.055411		
	3.60	77	0.044444		
Reference Frequency: LTE Band 4(5MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.35	90	0.051948	±2.5	Pass
	3.80	99	0.057143		
	3.60	88	0.050794		
Reference Frequency: LTE Band 4(10MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.35	74	0.042713	±2.5	Pass
	3.80	89	0.051371		
	3.60	95	0.054834		
Reference Frequency: LTE Band 4(15MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.35	87	0.050216	±2.5	Pass
	3.80	68	0.039250		
	3.60	49	0.028283		
Reference Frequency: LTE Band 4(20MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.35	86	0.049639	±2.5	Pass
	3.80	70	0.040404		
	3.60	59	0.034055		

LTE Band 7(QPSK):

Reference Frequency: LTE Band 7(5MHz) Middle channel=21100 Frequency=2535.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.35	79	0.031164	±2.5	Pass
	3.80	66	0.026036		
	3.60	80	0.031558		
Reference Frequency: LTE Band 7(10MHz) Middle channel=21100 Frequency=2535.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.35	75	0.029586	±2.5	Pass
	3.80	76	0.029980		
	3.60	49	0.019329		
Reference Frequency: LTE Band 7(15MHz) Middle channel=21100 Frequency=2535.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.35	75	0.029586	±2.5	Pass
	3.80	68	0.026824		
	3.60	88	0.034714		
Reference Frequency: LTE Band 7(20MHz) Middle channel=21100 Frequency=2535.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.35	98	0.038659	±2.5	Pass
	3.80	97	0.038264		
	3.60	83	0.032742		

LTE Band 7(16QAM):

Reference Frequency: LTE Band 7(5MHz) Middle channel=21100 Frequency=2535.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.35	79	0.031164	±2.5	Pass
	3.80	76	0.029980		
	3.60	90	0.035503		
Reference Frequency: LTE Band 7(10MHz) Middle channel=21100 Frequency=2535.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.35	85	0.033531	±2.5	Pass
	3.80	74	0.029191		
	3.60	92	0.036292		
Reference Frequency: LTE Band 7(15MHz) Middle channel=21100 Frequency=2535.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.35	99	0.039053	±2.5	Pass
	3.80	68	0.026824		
	3.60	71	0.028008		
Reference Frequency: LTE Band 7(20MHz) Middle channel=21100 Frequency=2535.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.35	58	0.022880	±2.5	Pass
	3.80	49	0.019329		
	3.60	96	0.037870		