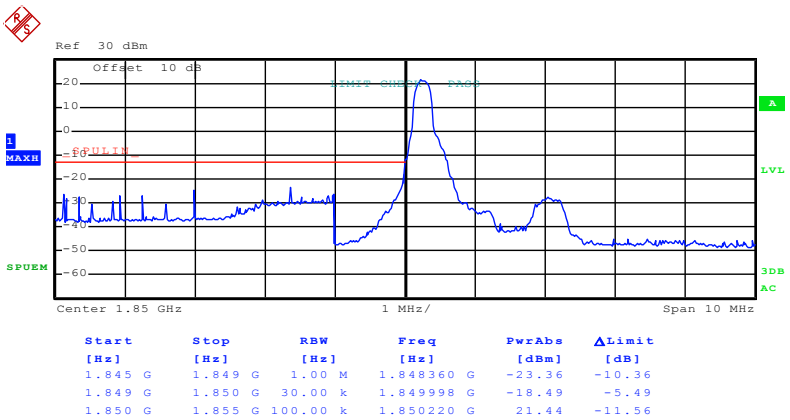
Band edge emission:

LTE band 2 part:

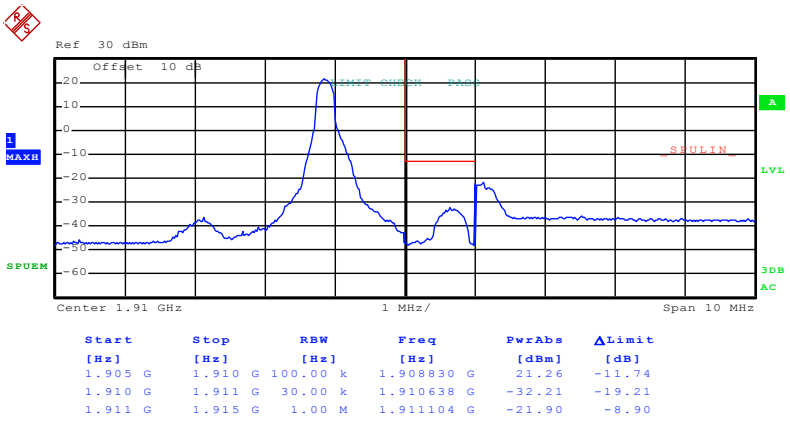
1.4MHz:

Test Mode:	LTE band 2(QPSK RB Size 1 & RB Offset 0)



Date: 22.OCT.2015 09:22:51

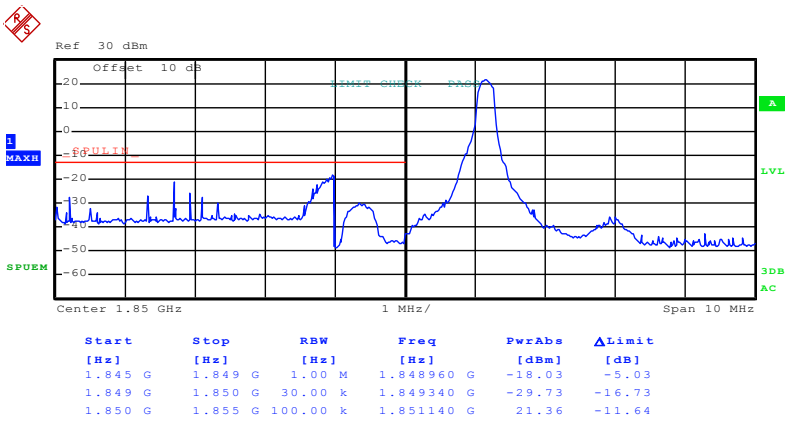
Lowest channel



Date: 22.OCT.2015 09:30:04

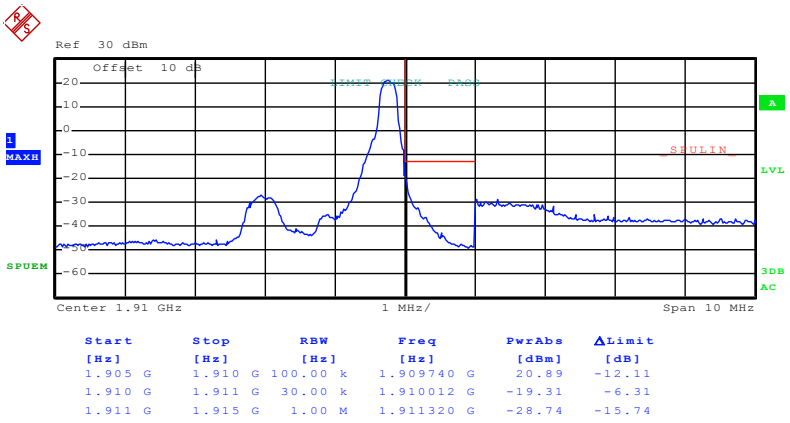
Highest channel

Test Mode:	LTE band 2(QPSK RB Size 1 & RB Offset 5)



Date: 22.OCT.2015 09:24:56

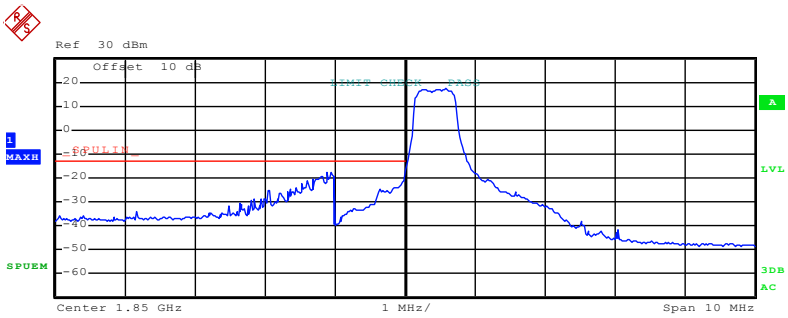
Lowest channel



Date: 22.OCT.2015 09:30:47

Highest channel

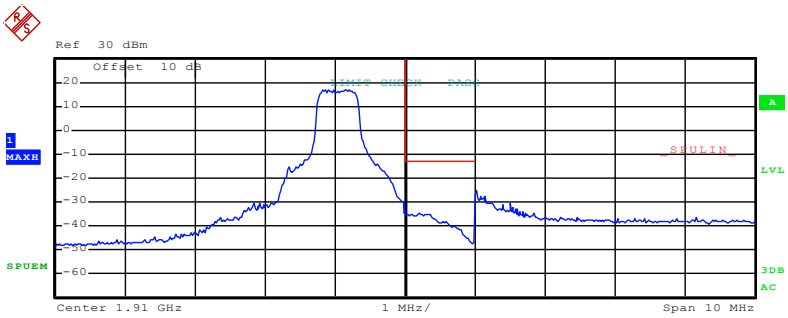
Test Mode:	LTE band 2(QPSK RB Size 3 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.845 G	1.849 G	1.00 M	1.848872 G	-17.72	-4.72
1.849 G	1.850 G	30.00 k	1.849992 G	-21.26	-8.26
1.850 G	1.855 G	100.00 k	1.850570 G	17.55	-15.45

Date: 22.OCT.2015 09:25:16

Lowest channel

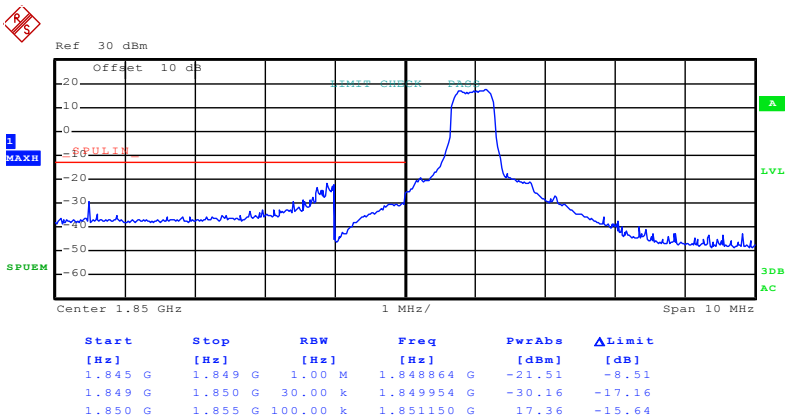


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.905 G	1.910 G	100.00 k	1.908850 G	17.10	-15.90
1.910 G	1.911 G	30.00 k	1.910100 G	-34.48	-21.48
1.911 G	1.915 G	1.00 M	1.911008 G	-25.41	-12.41

Date: 22.OCT.2015 09:31:07

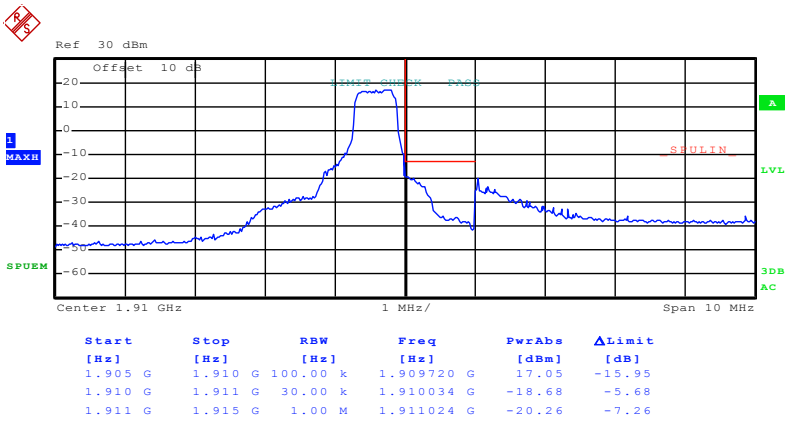
Highest channel

Test Mode:	LTE band 2(QPSK RB Size 3 & RB Offset 2)



Date: 22.OCT.2015 09:28:18

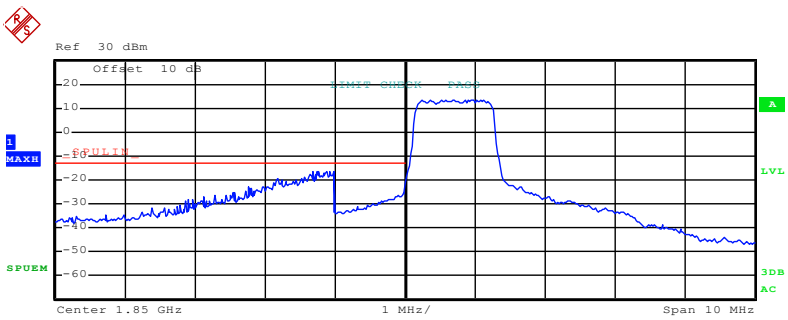
Lowest channel



Date: 22.OCT.2015 09:31:52

Highest channel

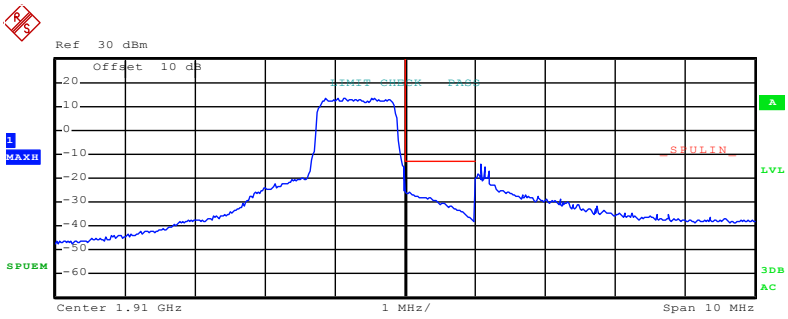
Test Mode:	LTE band 2(QPSK RB Size 6 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.845 G	1.849 G	1.00 M	1.848864 G	-16.22	-3.22
1.849 G	1.850 G	30.00 k	1.849986 G	-25.64	-12.64
1.850 G	1.855 G	100.00 k	1.850950 G	13.51	-19.49

Date: 22.OCT.2015 09:28:33

Lowest channel

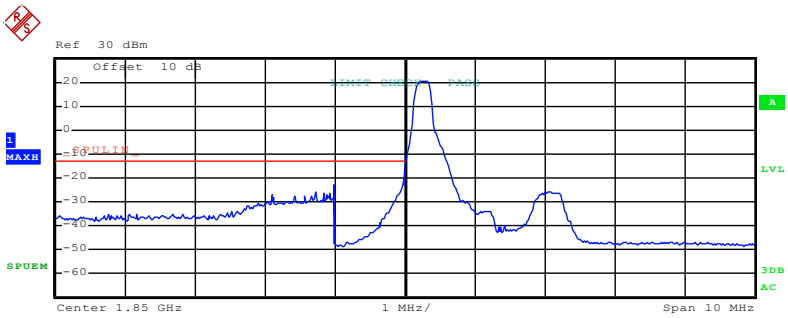


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.905 G	1.910 G	100.00 k	1.909560 G	13.31	-19.69
1.910 G	1.911 G	30.00 k	1.910066 G	-26.07	-13.07
1.911 G	1.915 G	1.00 M	1.911064 G	-14.34	-1.34

Date: 22.OCT.2015 09:32:27

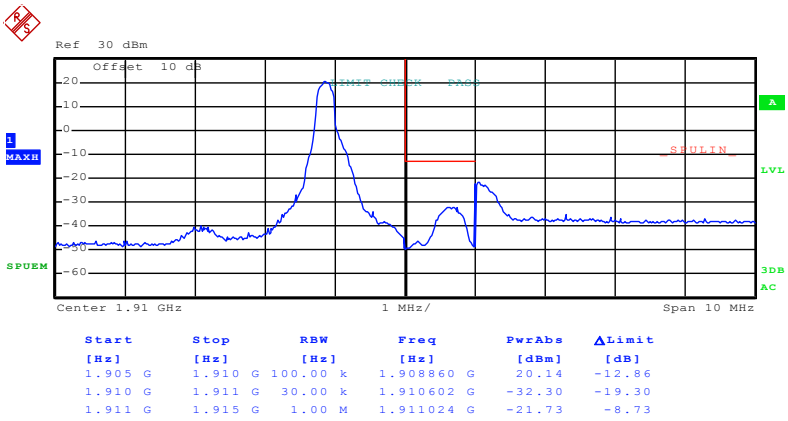
Highest channel

Test Mode:	LTE band 2(16QAM RB Size 1 & RB Offset 0)



Date: 22.OCT.2015 09:23:29

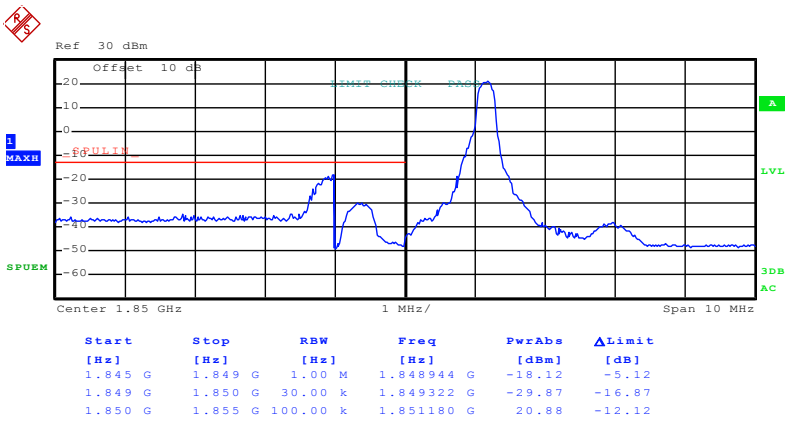
Lowest channel



Date: 22.OCT.2015 09:30:21

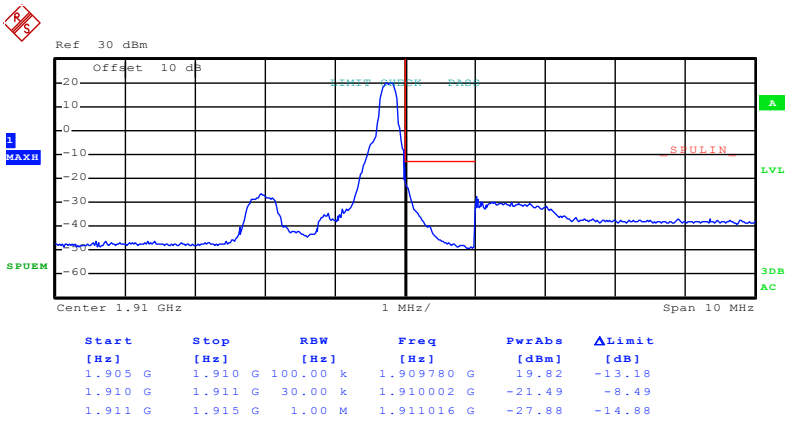
Highest channel

Test Mode:	LTE band 2(16QAM RB Size 1 & RB Offset 5)



Date: 22.OCT.2015 09:24:42

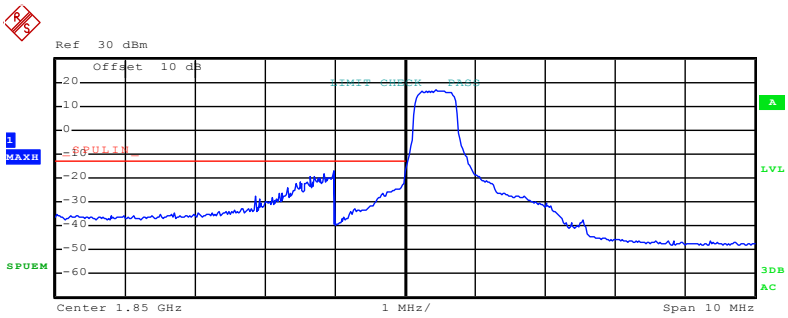
Lowest channel



Date: 22.OCT.2015 09:30:36

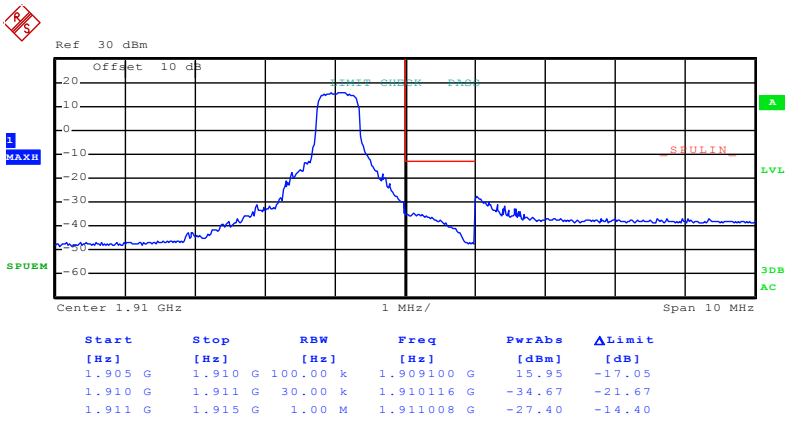
Highest channel

Test Mode:	LTE band 2(16QAM RB Size 3 & RB Offset 0)



Date: 22.OCT.2015 09:27:16

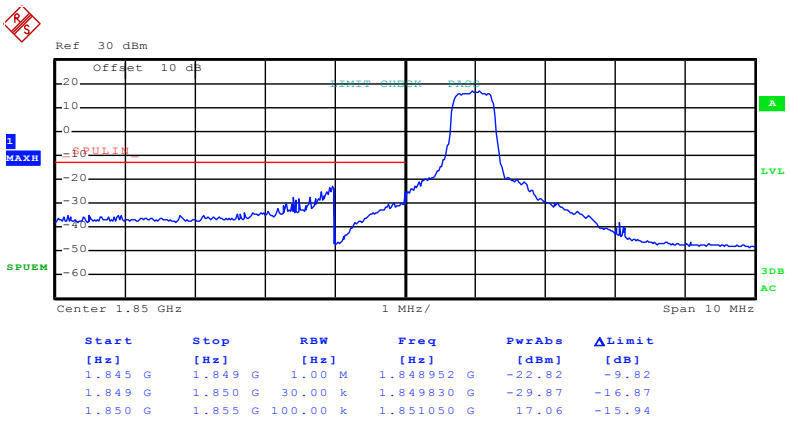
Lowest channel



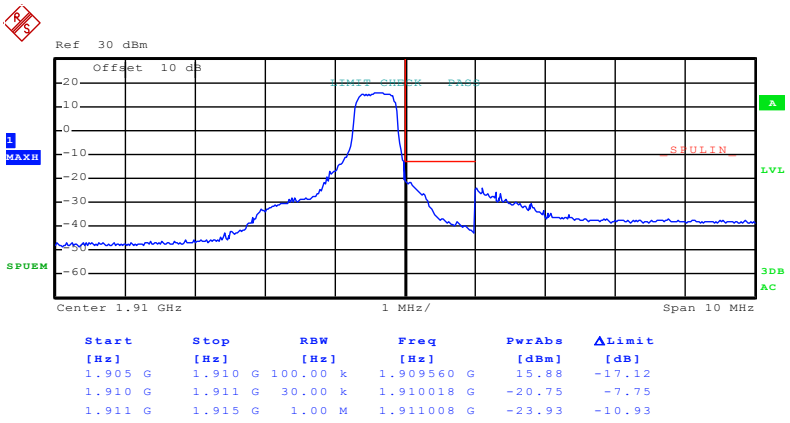
Date: 22.OCT.2015 09:31:21

Highest channel

Test Mode:	LTE band 2(16QAM RB Size 3 & RB Offset 2)

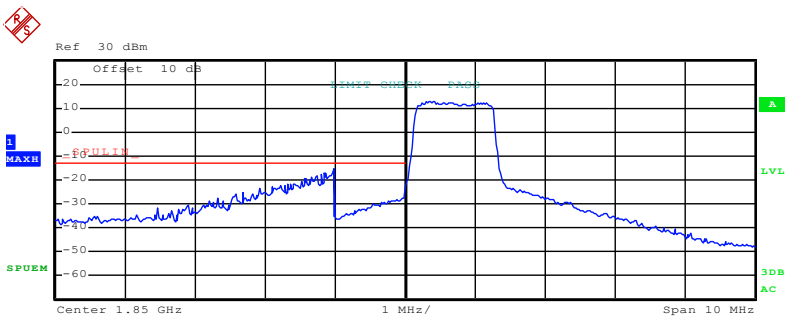


Lowest channel



Highest channel

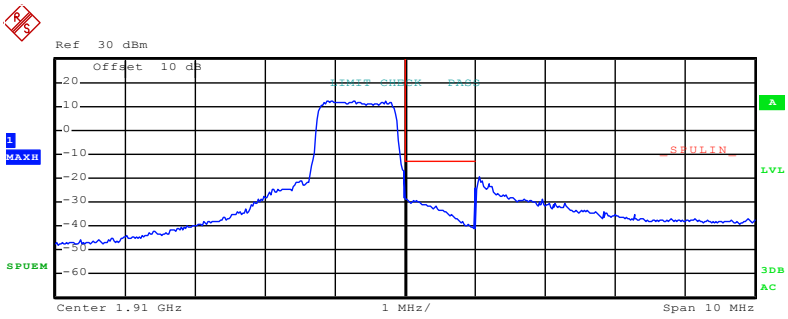
Test Mode:	LTE band 2(16QAM RB Size 6 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.845 G	1.849 G	1.00 M	1.849000 G	-15.59	-2.59
1.849 G	1.850 G	30.00 k	1.849982 G	-27.36	-14.36
1.850 G	1.855 G	100.00 k	1.850410 G	12.70	-20.30

Date: 22.OCT.2015 09:28:46

Lowest channel



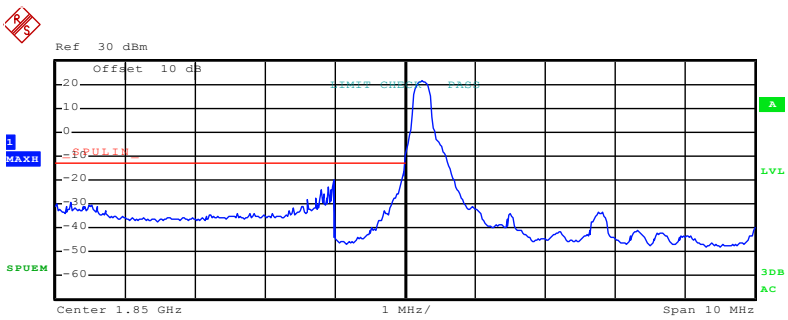
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.905 G	1.910 G	100.00 k	1.908880 G	12.39	-20.61
1.910 G	1.911 G	30.00 k	1.910114 G	-28.90	-15.90
1.911 G	1.915 G	1.00 M	1.911048 G	-19.34	-6.34

Date: 22.OCT.2015 09:32:42

Highest channel

3MHz:

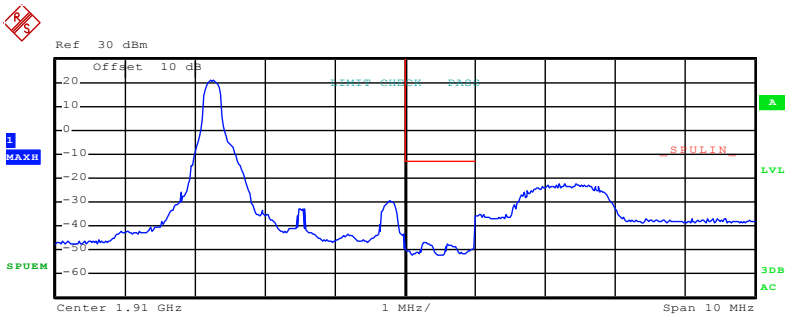
Test Mode:	LTE band 2(QPSK RB Size 1 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.845 G	1.849 G	1.00 M	1.849000 G	-20.04	-7.04
1.849 G	1.850 G	30.00 k	1.849992 G	-16.51	-3.51
1.850 G	1.855 G	100.00 k	1.850230 G	21.37	-11.63

Date: 22.OCT.2015 09:35:08

Lowest channel

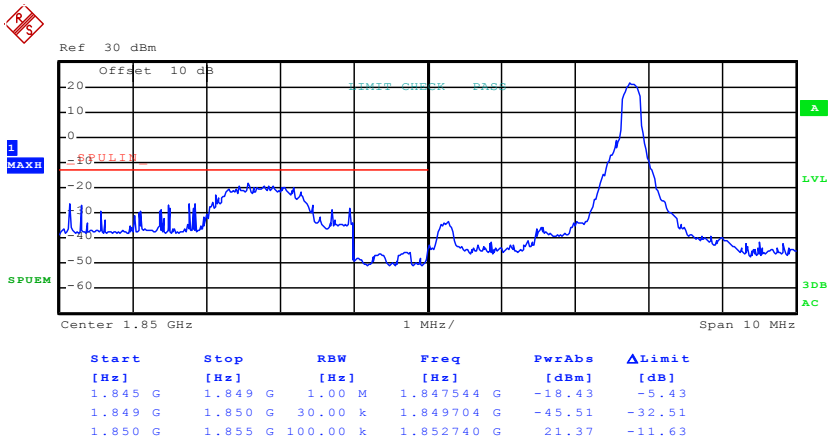


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.905 G	1.910 G	100.00 k	1.907220 G	21.11	-11.89
1.910 G	1.911 G	30.00 k	1.910258 G	-46.77	-33.77
1.911 G	1.915 G	1.00 M	1.912280 G	-22.15	-9.15

Date: 22.OCT.2015 09:39:20

Highest channel

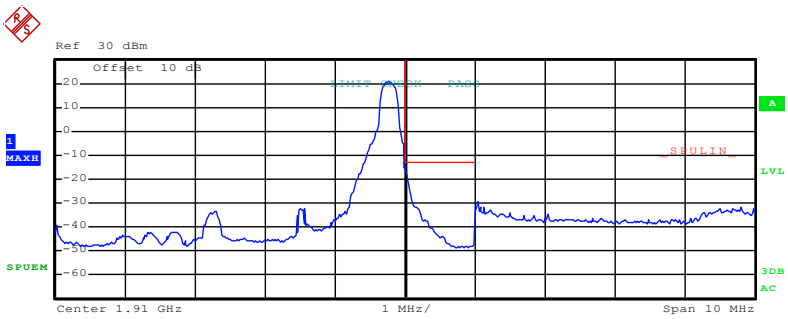
Test Mode:	LTE band 2(QPSK RB Size 1 & RB Offset 14)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.845 G	1.849 G	1.00 M	1.847544 G	-18.43	-5.43
1.849 G	1.850 G	30.00 k	1.849704 G	-45.51	-32.51
1.850 G	1.855 G	100.00 k	1.852740 G	21.37	-11.63

Date: 22.OCT.2015 09:35:54

Lowest channel

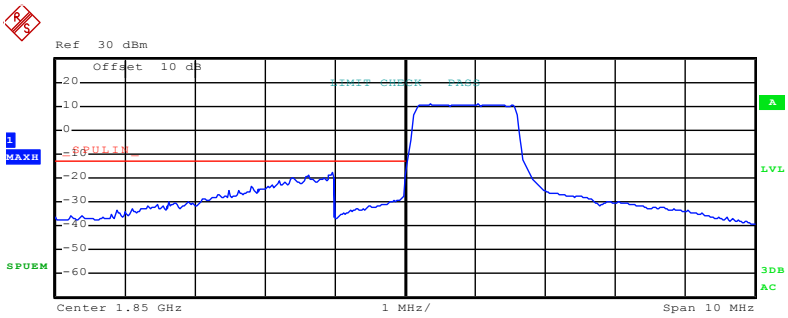


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.905 G	1.910 G	100.00 k	1.909750 G	20.97	-12.03
1.910 G	1.911 G	30.00 k	1.910002 G	-16.02	-3.02
1.911 G	1.915 G	1.00 M	1.911032 G	-29.35	-16.35

Date: 22.OCT.2015 09:40:09

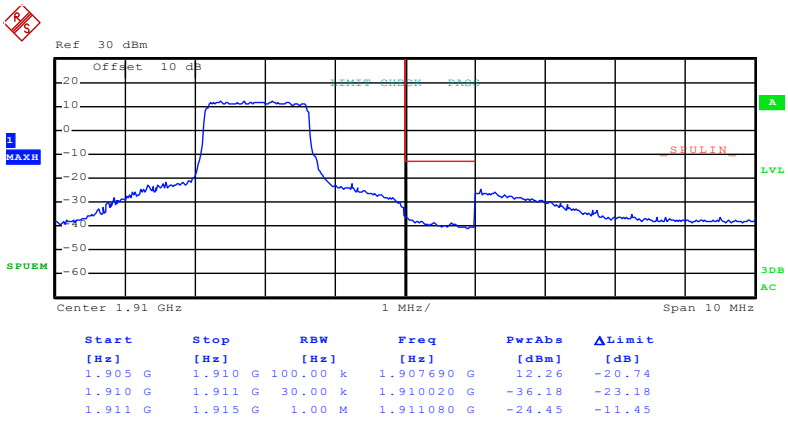
Highest channel

Test Mode:	LTE band 2(QPSK RB Size 8 & RB Offset 0)



Date: 22.OCT.2015 09:36:43

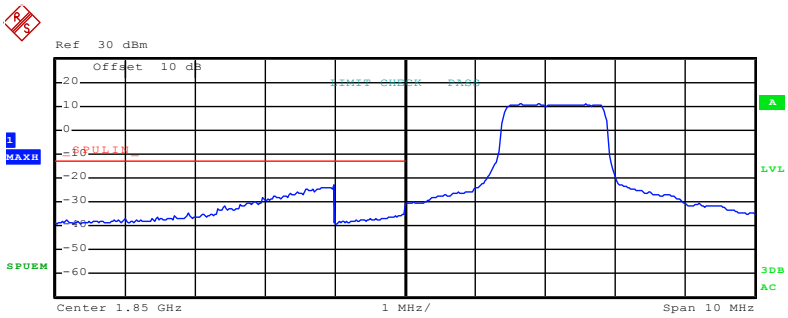
Lowest channel



Date: 22.OCT.2015 09:40:27

Highest channel

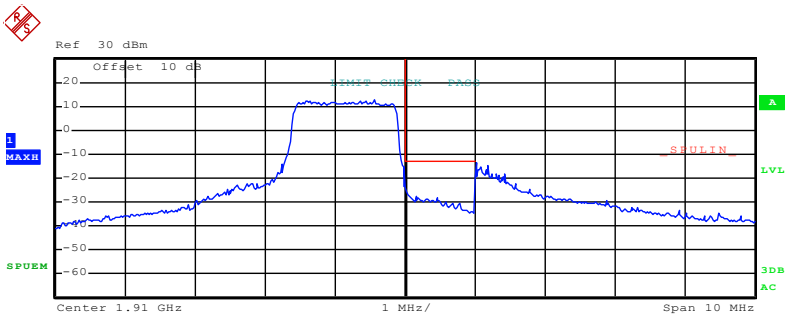
Test Mode:	LTE band 2(QPSK RB Size 8 & RB Offset 7)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.845 G	1.849 G	1.00 M	1.849000 G	-22.82	-9.82
1.849 G	1.850 G	30.00 k	1.849984 G	-34.92	-21.92
1.850 G	1.855 G	100.00 k	1.851895 G	10.85	-22.15

Date: 22.OCT.2015 09:37:40

Lowest channel

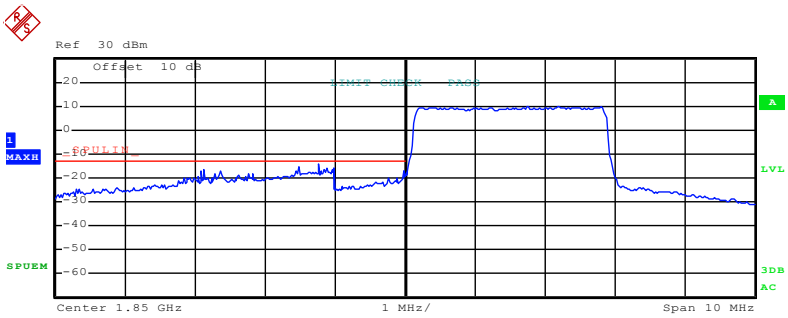


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.905 G	1.910 G	100.00 k	1.909560 G	12.50	-20.50
1.910 G	1.911 G	30.00 k	1.910014 G	-24.11	-11.11
1.911 G	1.915 G	1.00 M	1.911016 G	-13.62	-0.62

Date: 22.OCT.2015 09:41:11

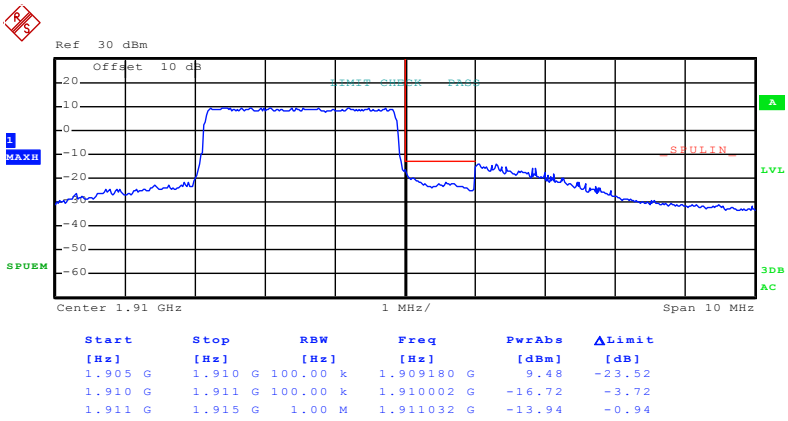
Highest channel

Test Mode:	LTE band 2(QPSK RB Size 15 & RB Offset 0)



Date: 22.OCT.2015 09:38:31

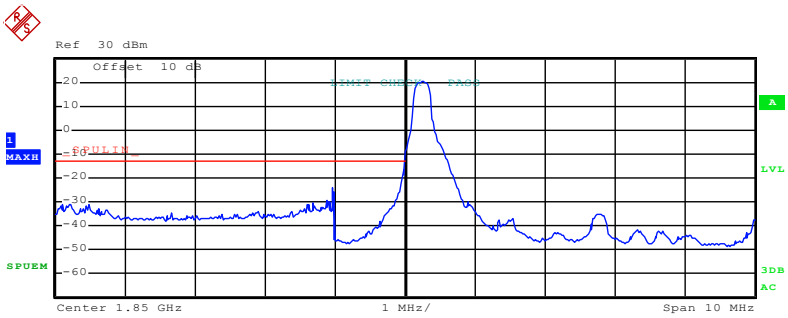
Lowest channel



Date: 22.OCT.2015 09:41:49

Highest channel

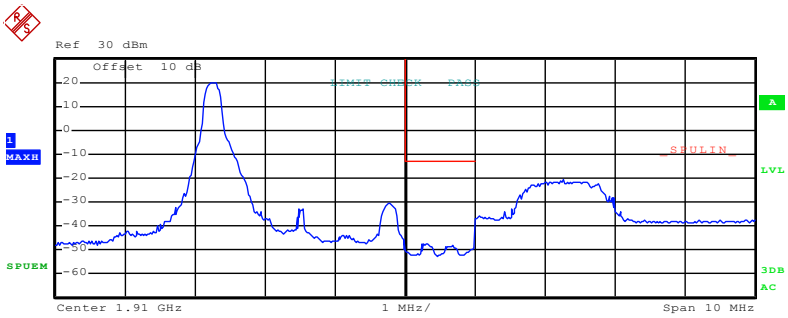
Test Mode:	LTE band 2(16QAM RB Size 1 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.845 G	1.849 G	1.00 M	1.848960 G	-24.30	-11.30
1.849 G	1.850 G	30.00 k	1.849998 G	-16.34	-3.34
1.850 G	1.855 G	100.00 k	1.850260 G	20.60	-12.40

Date: 22.OCT.2015 09:35:24

Lowest channel

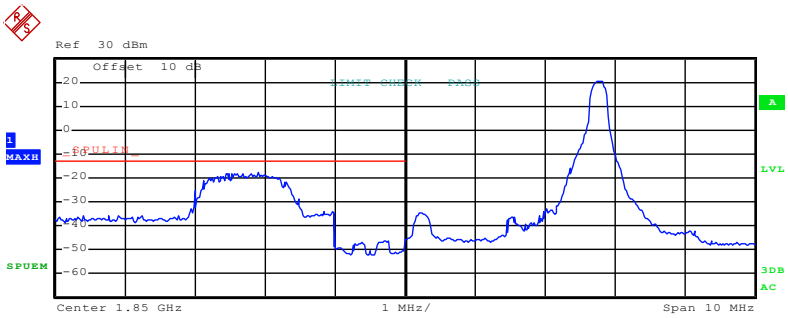


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.905 G	1.910 G	100.00 k	1.907250 G	20.01	-12.99
1.910 G	1.911 G	30.00 k	1.910308 G	-47.32	-34.32
1.911 G	1.915 G	1.00 M	1.912256 G	-20.73	-7.73

Date: 22.OCT.2015 09:39:37

Highest channel

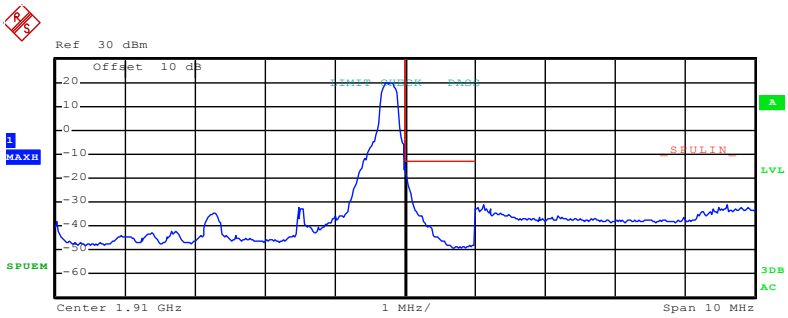
Test Mode:	LTE band 2(16QAM RB Size 1 & RB Offset 14)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.845 G	1.849 G	1.00 M	1.847896 G	-17.93	-4.93
1.849 G	1.850 G	30.00 k	1.849704 G	-46.24	-33.24
1.850 G	1.855 G	100.00 k	1.852800 G	20.41	-12.59

Date: 22.OCT.2015 09:35:42

Lowest channel

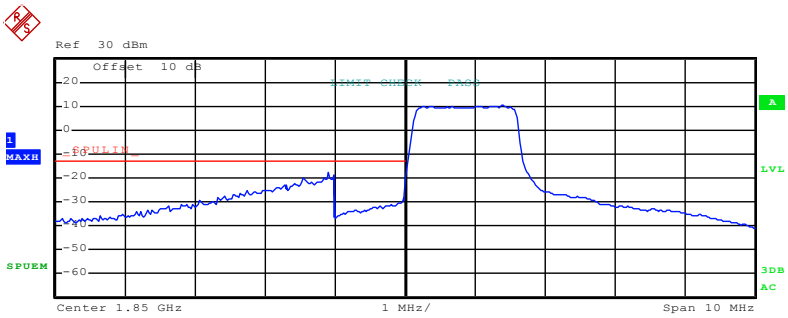


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.905 G	1.910 G	100.00 k	1.909740 G	19.86	-13.14
1.910 G	1.911 G	30.00 k	1.910002 G	-16.90	-3.90
1.911 G	1.915 G	1.00 M	1.911104 G	-30.95	-17.95

Date: 22.OCT.2015 09:39:55

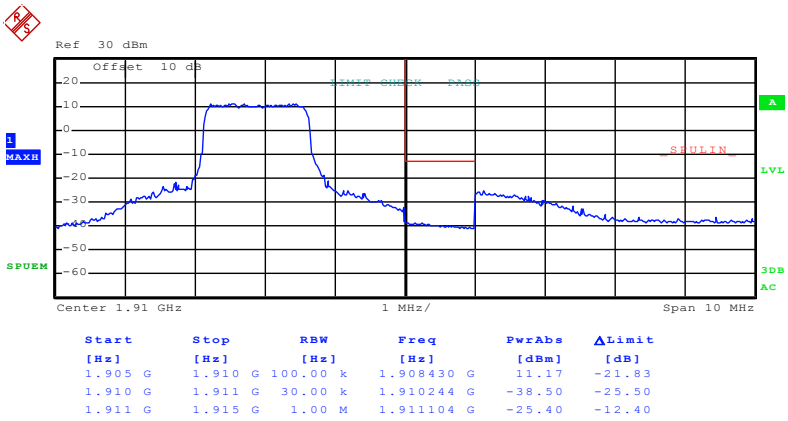
Highest channel

Test Mode:	LTE band 2(16QAM RB Size 8 & RB Offset 0)



Date: 22.OCT.2015 09:37:06

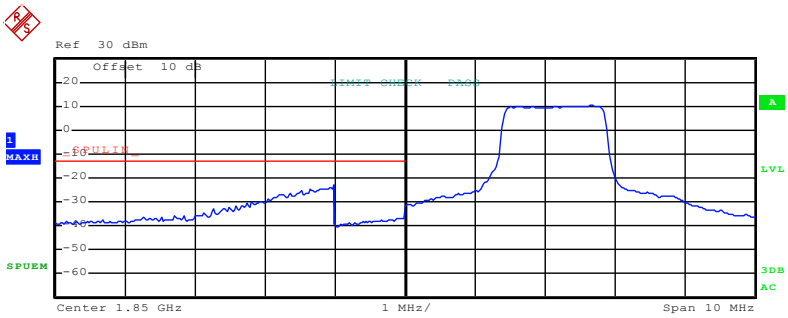
Lowest channel



Date: 22.OCT.2015 09:40:40

Highest channel

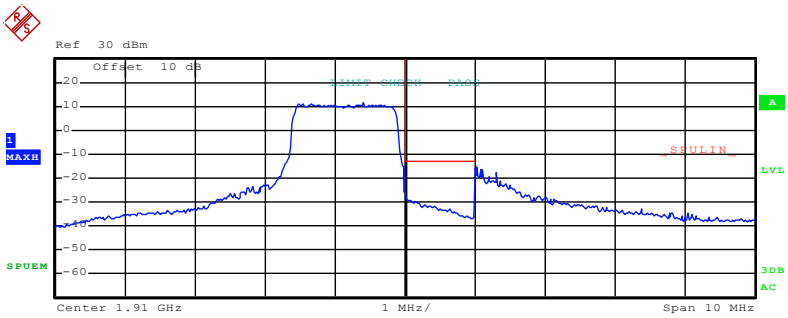
Test Mode:	LTE band 2(16QAM RB Size 8 & RB Offset 7)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.845 G	1.849 G	1.00 M	1.849000 G	-22.81	-9.81
1.849 G	1.850 G	30.00 k	1.849952 G	-36.78	-23.78
1.850 G	1.855 G	100.00 k	1.852661 G	10.37	-22.63

Date: 22.OCT.2015 09:37:22

Lowest channel

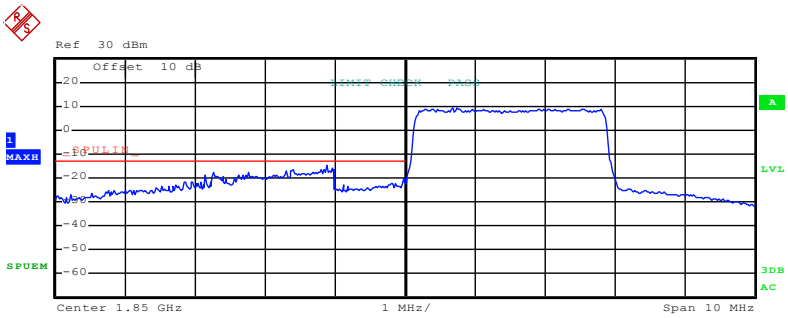


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.905 G	1.910 G	100.00 k	1.909400 G	11.35	-21.65
1.910 G	1.911 G	30.00 k	1.910012 G	-26.43	-13.43
1.911 G	1.915 G	1.00 M	1.911016 G	-15.58	-2.58

Date: 22.OCT.2015 09:40:54

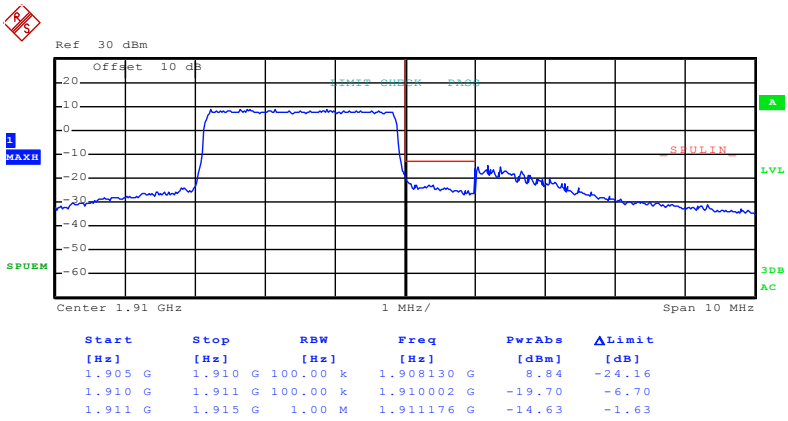
Highest channel

Test Mode:	LTE band 2(16QAM RB Size 15 & RB Offset 0)



Date: 22.OCT.2015 09:38:48

Lowest channel

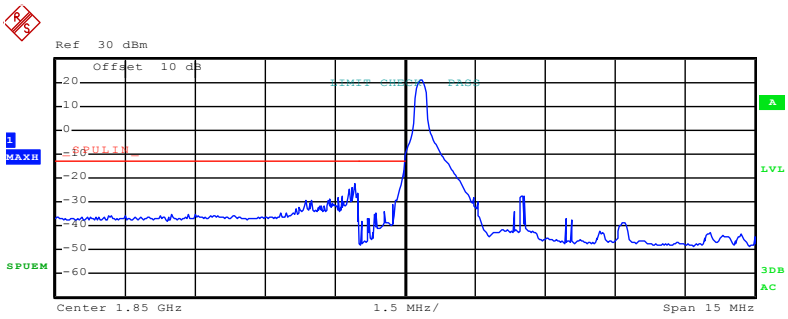


Date: 22.OCT.2015 09:42:04

Highest channel

5MHz:

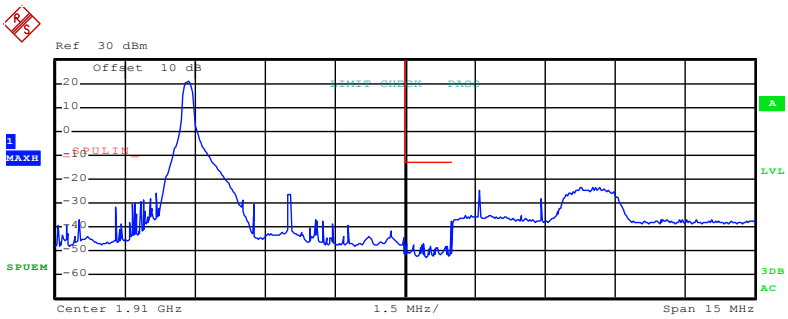
Test Mode:	LTE band 2(QPSK RB Size 1 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.843 G	1.849 G	1.00 M	1.848922 G	-22.56	-9.56
1.849 G	1.850 G	30.00 k	1.849994 G	-17.17	-4.17
1.850 G	1.857 G	100.00 k	1.850330 G	21.09	-11.91

Date: 22.OCT.2015 09:43:38

Lowest channel

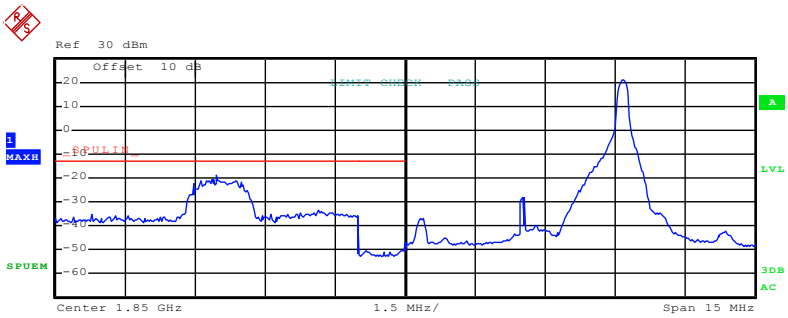


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.903 G	1.910 G	100.00 k	1.905335 G	20.79	-12.21
1.910 G	1.911 G	30.00 k	1.910024 G	-46.83	-33.83
1.911 G	1.918 G	1.00 M	1.913756 G	-23.27	-10.27

Date: 22.OCT.2015 09:49:34

Highest channel

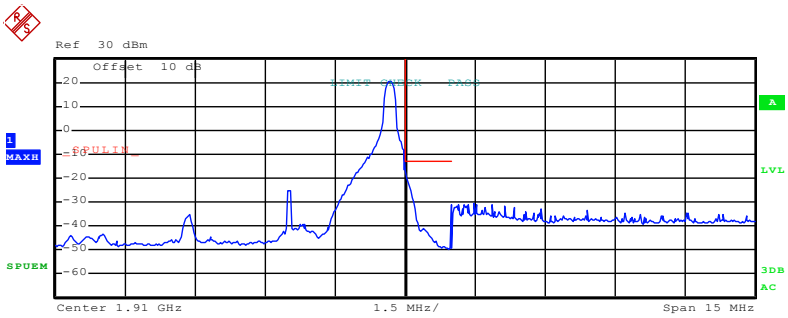
Test Mode:	LTE band 2(QPSK RB Size 1 & RB Offset 24)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.843 G	1.849 G	1.00 M	1.845945 G	-18.71	-5.71
1.849 G	1.850 G	30.00 k	1.849960 G	-50.16	-37.16
1.850 G	1.857 G	100.00 k	1.854635 G	20.70	-12.30

Date: 22.OCT.2015 09:44:27

Lowest channel

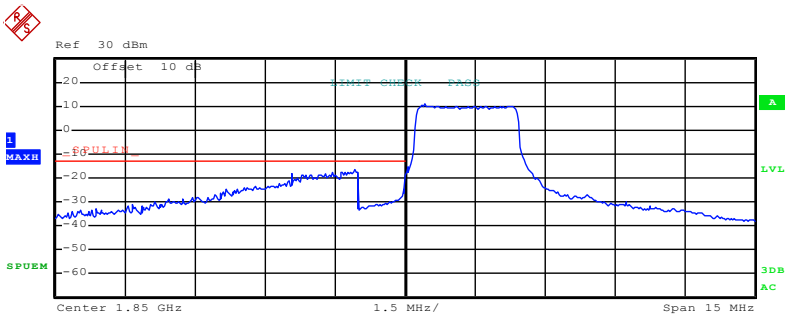


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.903 G	1.910 G	100.00 k	1.909655 G	20.61	-12.39
1.910 G	1.911 G	30.00 k	1.910002 G	-17.78	-4.78
1.911 G	1.918 G	1.00 M	1.911455 G	-30.66	-17.66

Date: 22.OCT.2015 09:50:50

Highest channel

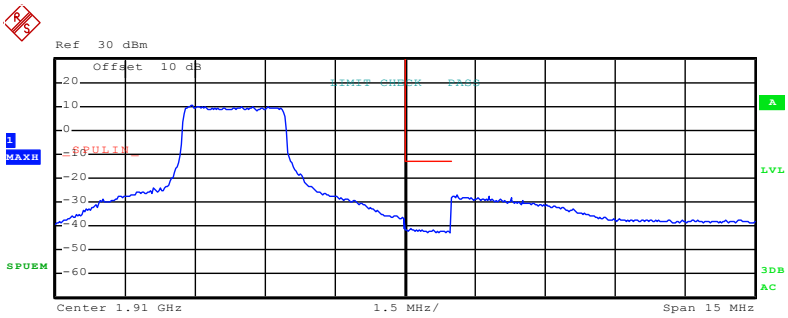
Test Mode:	LTE band 2(QPSK RB Size 12 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.843 G	1.849 G	1.00 M	1.848922 G	-16.57	-3.57
1.849 G	1.850 G	30.00 k	1.849994 G	-24.93	-11.93
1.850 G	1.857 G	100.00 k	1.850420 G	10.79	-22.21

Date: 22.OCT.2015 09:44:52

Lowest channel

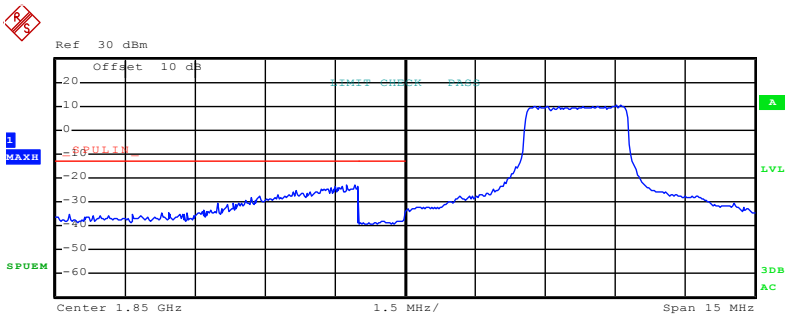


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.903 G	1.910 G	100.00 k	1.905425 G	10.21	-22.79
1.910 G	1.911 G	30.00 k	1.910030 G	-40.94	-27.94
1.911 G	1.918 G	1.00 M	1.911104 G	-26.90	-13.90

Date: 22.OCT.2015 09:51:10

Highest channel

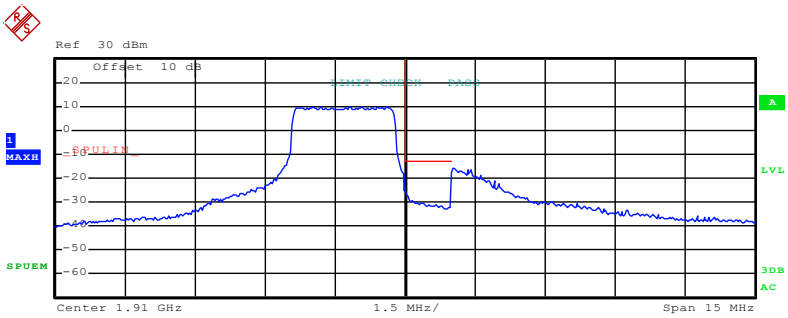
Test Mode:	LTE band 2(QPSK RB Size 12 & RB Offset 11)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.843 G	1.849 G	1.00 M	1.848922 G	-22.75	-9.75
1.849 G	1.850 G	30.00 k	1.849958 G	-37.70	-24.70
1.850 G	1.857 G	100.00 k	1.854530 G	10.25	-22.75

Date: 22.OCT.2015 09:45:43

Lowest channel

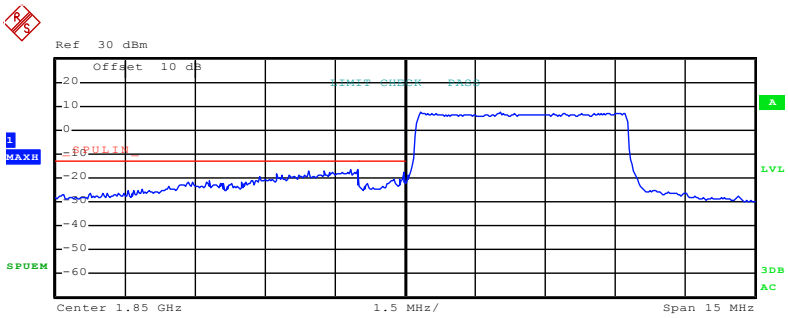


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.903 G	1.910 G	100.00 k	1.908830 G	9.76	-23.24
1.910 G	1.911 G	30.00 k	1.910010 G	-25.79	-12.79
1.911 G	1.918 G	1.00 M	1.911052 G	-16.09	-3.09

Date: 22.OCT.2015 09:51:57

Highest channel

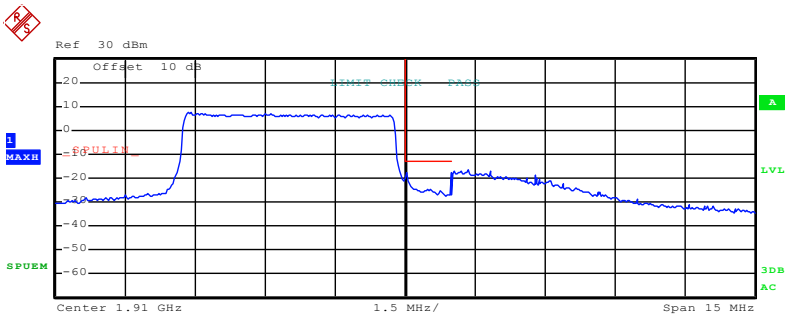
Test Mode:	LTE band 2(QPSK RB Size 25 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.843 G	1.849 G	1.00 M	1.848974 G	-16.34	-3.34
1.849 G	1.850 G	100.00 k	1.849982 G	-17.50	-4.50
1.850 G	1.857 G	100.00 k	1.850330 G	7.30	-25.70

Date: 22.OCT.2015 09:46:13

Lowest channel

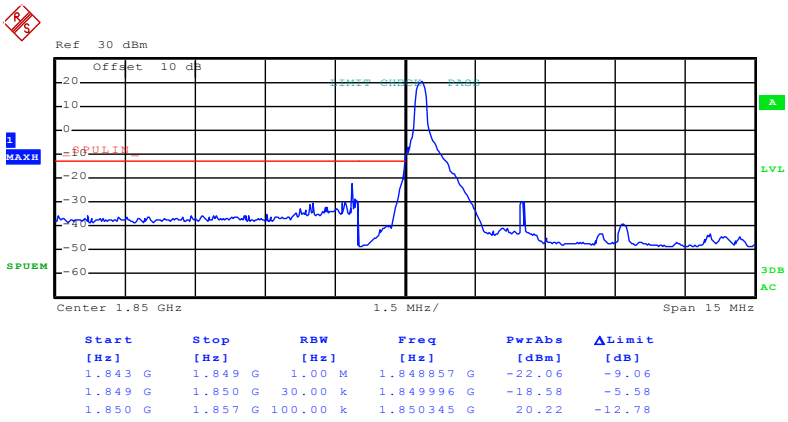


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.903 G	1.910 G	100.00 k	1.905350 G	7.41	-25.59
1.910 G	1.911 G	100.00 k	1.910014 G	-17.79	-4.79
1.911 G	1.918 G	1.00 M	1.911351 G	-16.66	-3.66

Date: 22.OCT.2015 09:52:26

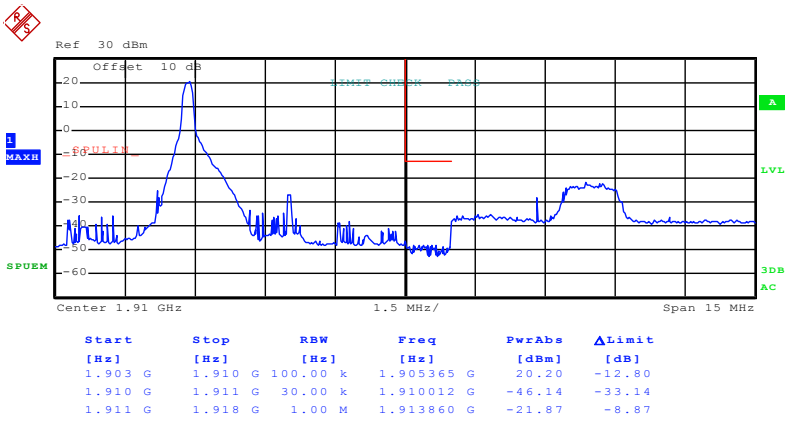
Highest channel

Test Mode:	LTE band 2(16QAM RB Size 1 & RB Offset 0)



Date: 22.OCT.2015 09:43:59

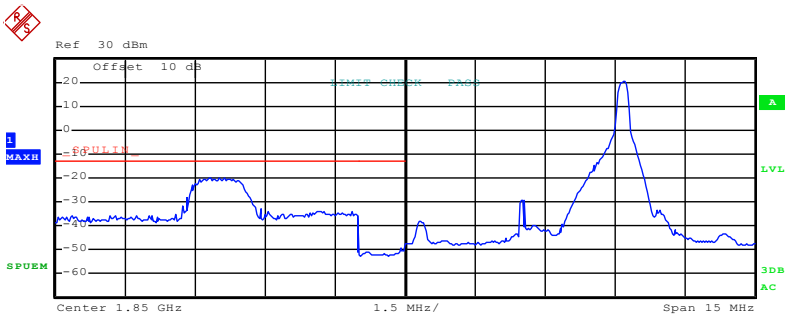
Lowest channel



Date: 22.OCT.2015 09:50:15

Highest channel

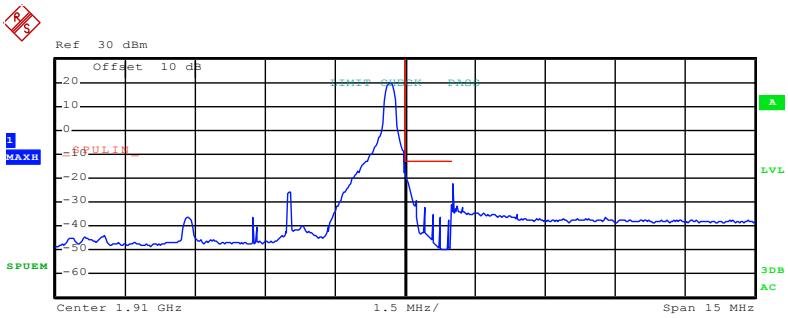
Test Mode:	LTE band 2(16QAM RB Size 1 & RB Offset 24)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.843 G	1.849 G	1.00 M	1.846127 G	-19.73	-6.73
1.849 G	1.850 G	30.00 k	1.849898 G	-49.43	-36.43
1.850 G	1.857 G	100.00 k	1.854680 G	20.63	-12.37

Date: 22.OCT.2015 09:44:15

Lowest channel

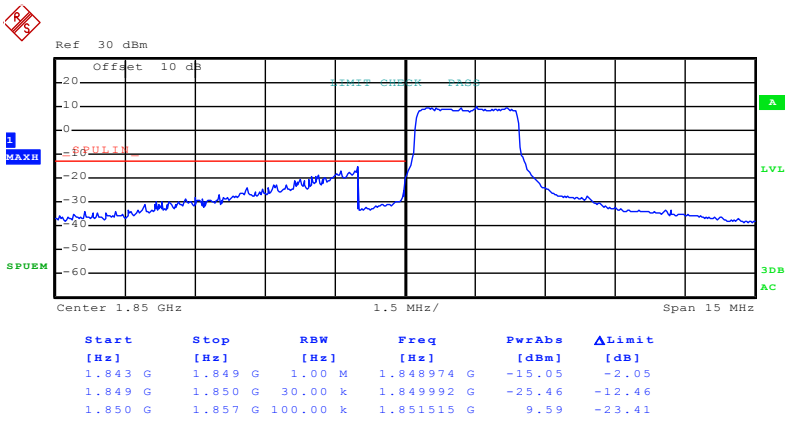


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.903 G	1.910 G	100.00 k	1.909670 G	19.70	-13.30
1.910 G	1.911 G	30.00 k	1.910014 G	-18.27	-5.27
1.911 G	1.918 G	1.00 M	1.911013 G	-22.62	-9.62

Date: 22.OCT.2015 09:50:38

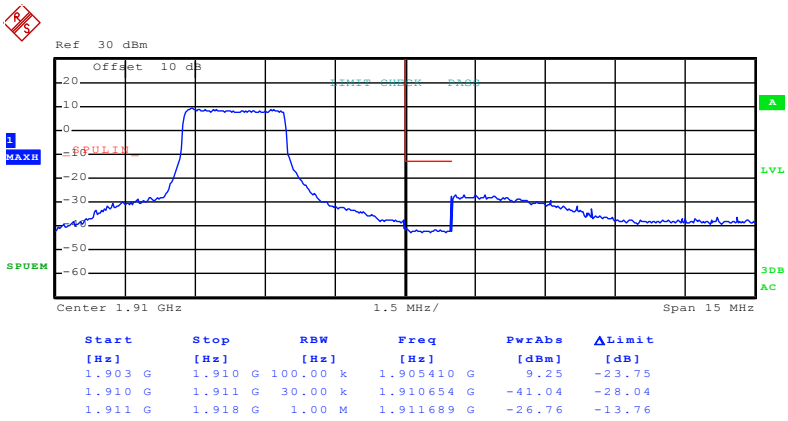
Highest channel

Test Mode:	LTE band 2(16QAM RB Size 12 & RB Offset 0)



Date: 22.OCT.2015 09:45:10

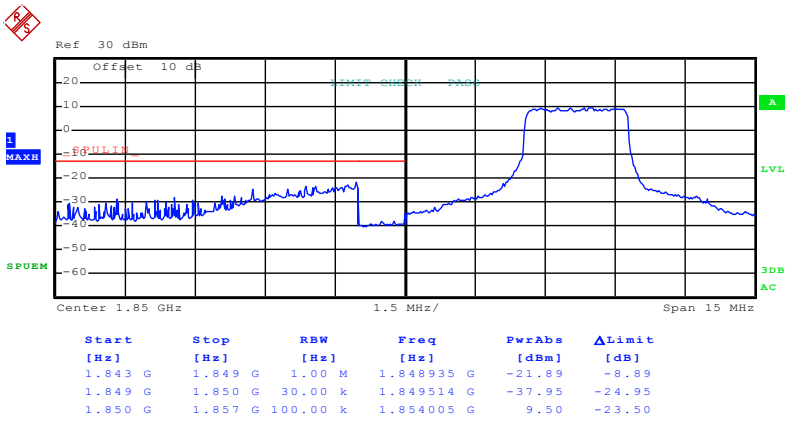
Lowest channel



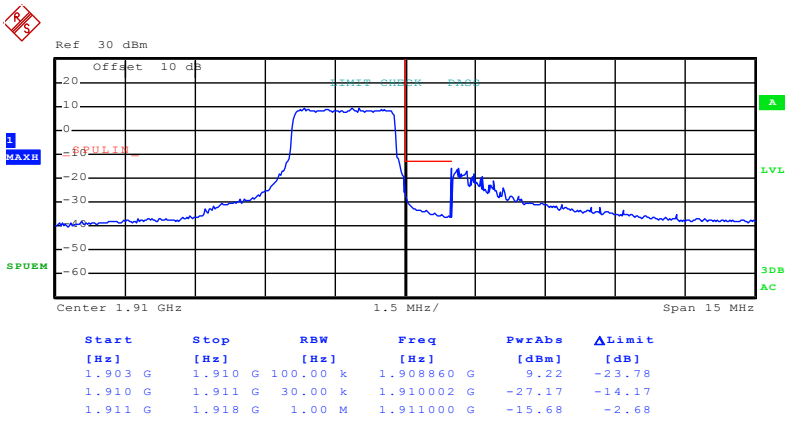
Date: 22.OCT.2015 09:51:25

Highest channel

Test Mode:	LTE band 2(16QAM RB Size 12 & RB Offset 11)

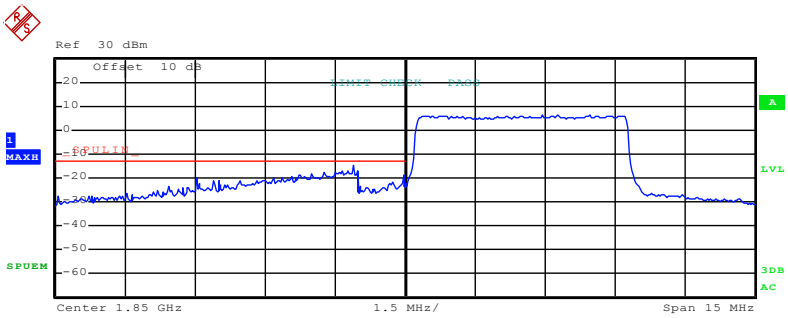


Lowest channel



Highest channel

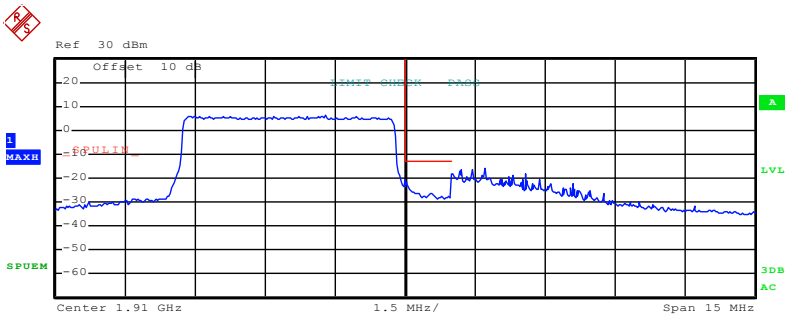
Test Mode:	LTE band 2(16QAM RB Size 25 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.843 G	1.849 G	1.00 M	1.848883 G	-14.89	-1.89
1.849 G	1.850 G	100.00 k	1.849982 G	-18.77	-5.77
1.850 G	1.857 G	100.00 k	1.853945 G	6.49	-26.51

Date: 22.OCT.2015 09:46:25

Lowest channel



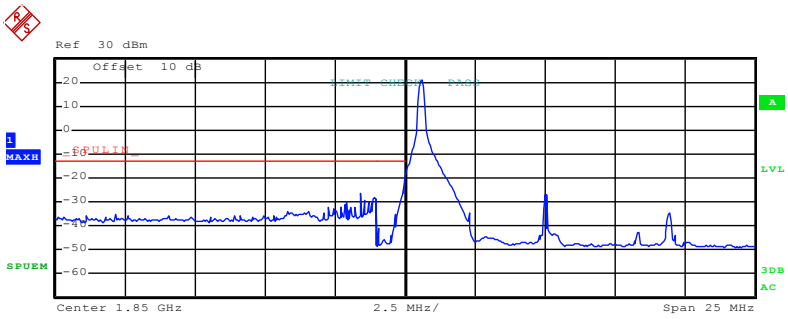
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.903 G	1.910 G	100.00 k	1.908275 G	6.14	-26.86
1.910 G	1.911 G	100.00 k	1.910008 G	-20.50	-7.50
1.911 G	1.918 G	1.00 M	1.911702 G	-15.89	-2.89

Date: 22.OCT.2015 09:52:39

Highest channel

10MHz:

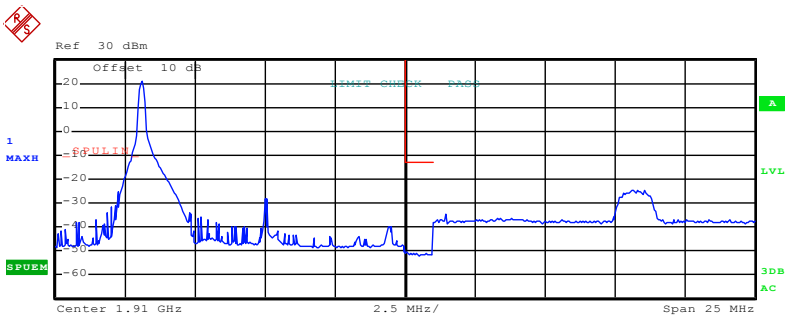
Test Mode:	LTE band 2(QPSK RB Size 1 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.837 G	1.849 G	1.00 M	1.848379 G	-26.45	-13.45
1.849 G	1.850 G	30.00 k	1.849996 G	-23.89	-10.89
1.850 G	1.863 G	100.00 k	1.850600 G	20.87	-12.13

Date: 22.OCT.2015 10:05:48

Lowest channel

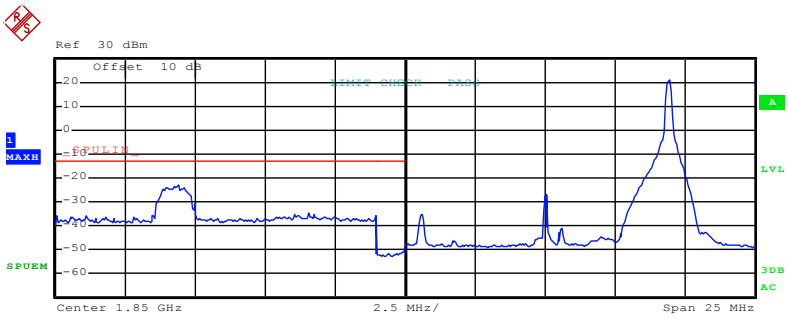


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.898 G	1.910 G	100.00 k	1.900600 G	20.66	-12.34
1.910 G	1.911 G	30.00 k	1.910086 G	-50.06	-37.06
1.911 G	1.923 G	1.00 M	1.918084 G	-24.62	-11.62

Date: 22.OCT.2015 10:58:29

Highest channel

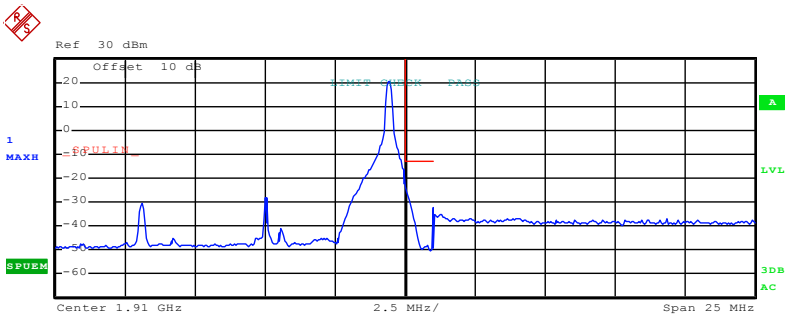
Test Mode:	LTE band 2(QPSK RB Size 1 & RB Offset 49)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.837 G	1.849 G	1.00 M	1.841893 G	-23.21	-10.21
1.849 G	1.850 G	30.00 k	1.849892 G	-50.44	-37.44
1.850 G	1.863 G	100.00 k	1.859425 G	20.73	-12.27

Date: 22.OCT.2015 10:06:34

Lowest channel

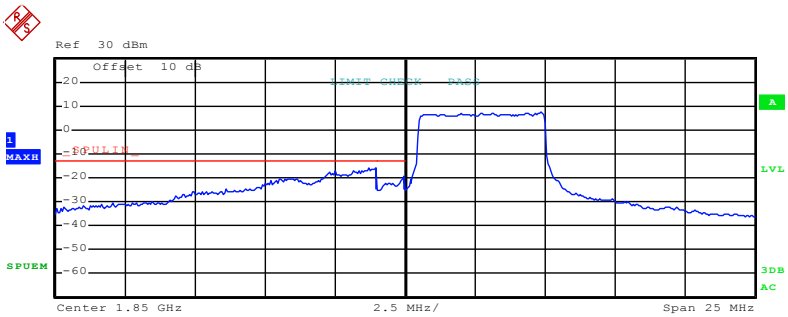


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.898 G	1.910 G	100.00 k	1.909425 G	20.43	-12.57
1.910 G	1.911 G	30.00 k	1.910006 G	-22.68	-9.68
1.911 G	1.923 G	1.00 M	1.911000 G	-32.17	-19.17

Date: 22.OCT.2015 10:59:36

Highest channel

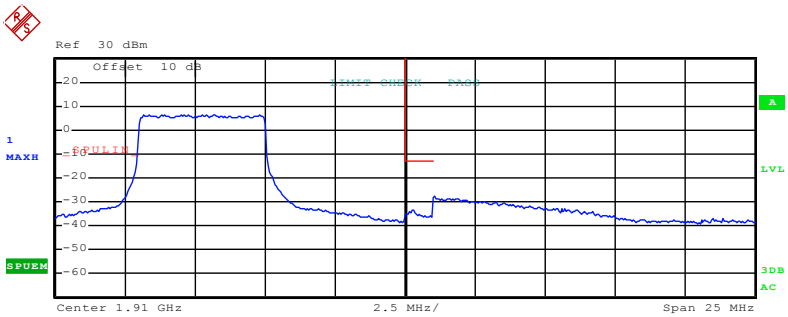
Test Mode:	LTE band 4(QPSK RB Size 25 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.837 G	1.849 G	1.00 M	1.848678 G	-15.70	-2.70
1.849 G	1.850 G	100.00 k	1.849992 G	-19.50	-6.50
1.850 G	1.863 G	100.00 k	1.854850 G	7.25	-25.75

Date: 22.OCT.2015 10:31:49

Lowest channel

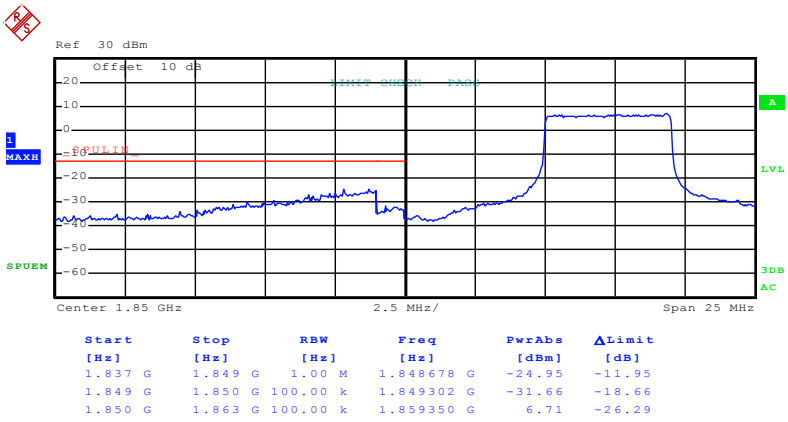


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.898 G	1.910 G	100.00 k	1.902725 G	6.57	-26.43
1.910 G	1.911 G	100.00 k	1.910264 G	-33.27	-20.27
1.911 G	1.923 G	1.00 M	1.911023 G	-27.68	-14.68

Date: 22.OCT.2015 11:00:04

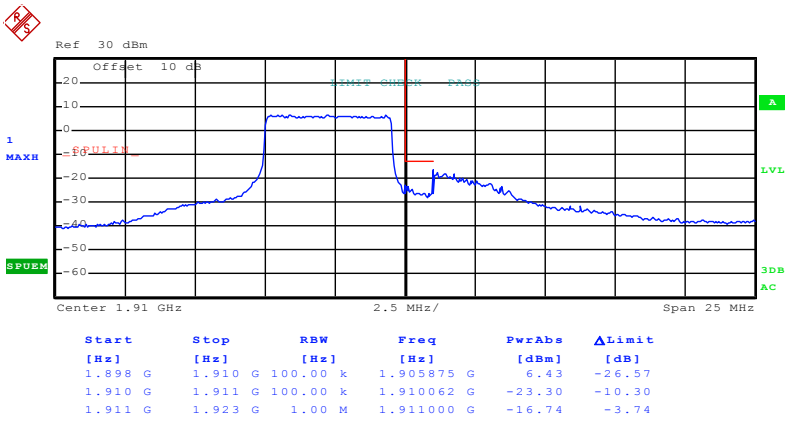
Highest channel

Test Mode:	LTE band 4(QPSK RB Size 25 & RB Offset 24)



Date: 22.OCT.2015 10:32:39

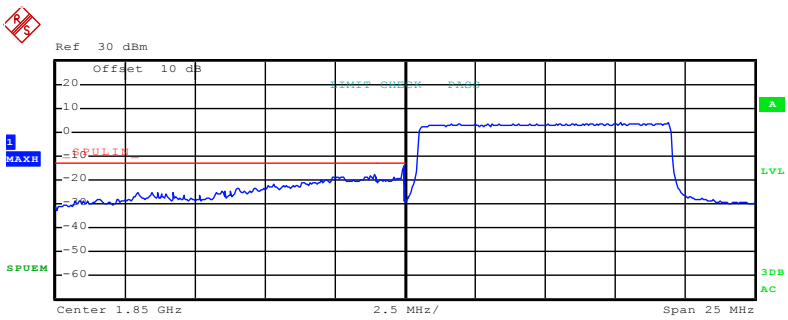
Lowest channel



Date: 22.OCT.2015 11:00:49

Highest channel

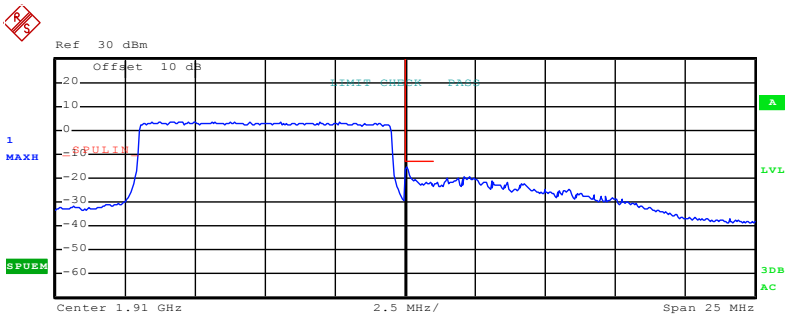
Test Mode:	LTE band 4(QPSK RB Size 50 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.837 G	1.849 G	1.00 M	1.848862 G	-17.74	-4.74
1.849 G	1.850 G	300.00 k	1.849968 G	-14.28	-1.28
1.850 G	1.863 G	100.00 k	1.857700 G	3.81	-29.19

Date: 22.OCT.2015 10:33:09

Lowest channel

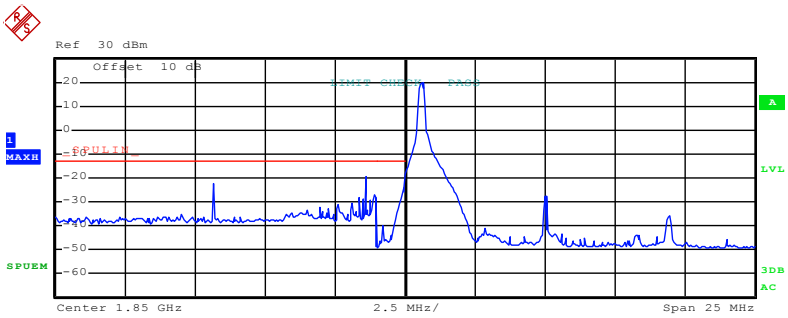


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.898 G	1.910 G	100.00 k	1.901950 G	3.65	-29.35
1.910 G	1.911 G	300.00 k	1.910046 G	-15.20	-2.20
1.911 G	1.923 G	1.00 M	1.912058 G	-19.44	-6.44

Date: 22.OCT.2015 11:01:13

Highest channel

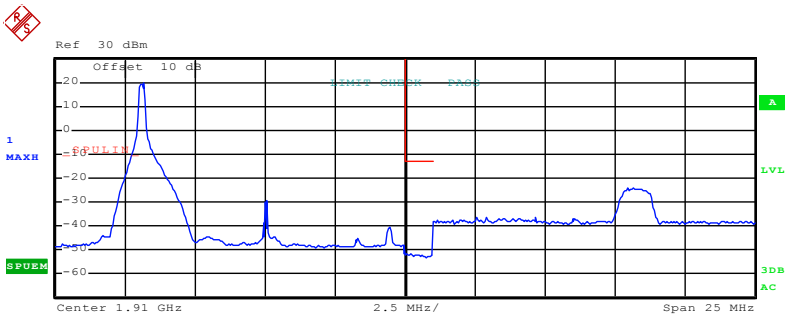
Test Mode:	LTE band 2(16QAM RB Size 1 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.837 G	1.849 G	1.00 M	1.848563 G	-19.42	-6.42
1.849 G	1.850 G	30.00 k	1.849998 G	-24.03	-11.03
1.850 G	1.863 G	100.00 k	1.850575 G	19.81	-13.19

Date: 22.OCT.2015 10:06:01

Lowest channel

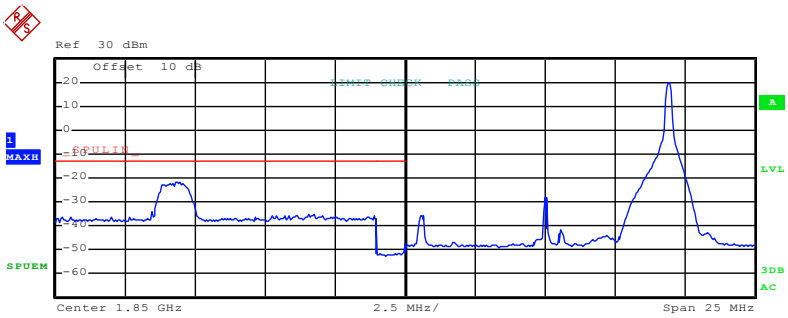


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.898 G	1.910 G	100.00 k	1.900625 G	19.63	-13.37
1.910 G	1.911 G	30.00 k	1.910174 G	-51.67	-38.67
1.911 G	1.923 G	1.00 M	1.918107 G	-24.30	-11.30

Date: 22.OCT.2015 10:58:48

Highest channel

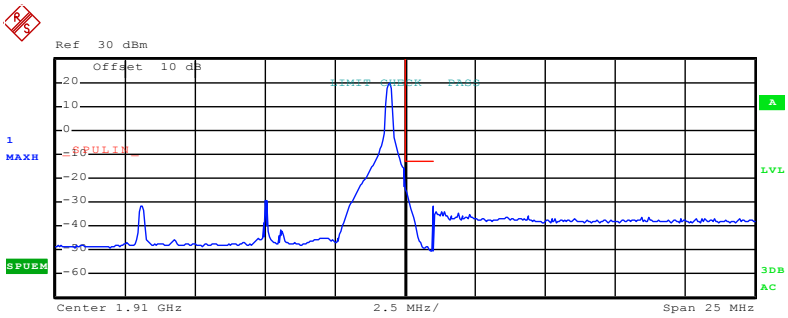
Test Mode:	LTE band 2(16QAM RB Size 1 & RB Offset 49)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.837 G	1.849 G	1.00 M	1.841939 G	-21.50	-8.50
1.849 G	1.850 G	30.00 k	1.849994 G	-50.82	-37.82
1.850 G	1.863 G	100.00 k	1.859425 G	19.77	-13.23

Date: 22.OCT.2015 10:06:21

Lowest channel

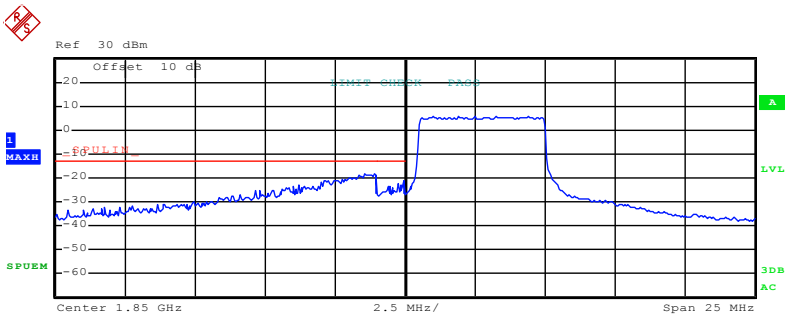


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.898 G	1.910 G	100.00 k	1.909450 G	19.48	-13.52
1.910 G	1.911 G	30.00 k	1.910002 G	-24.47	-11.47
1.911 G	1.923 G	1.00 M	1.911000 G	-31.50	-18.50

Date: 22.OCT.2015 10:59:23

Highest channel

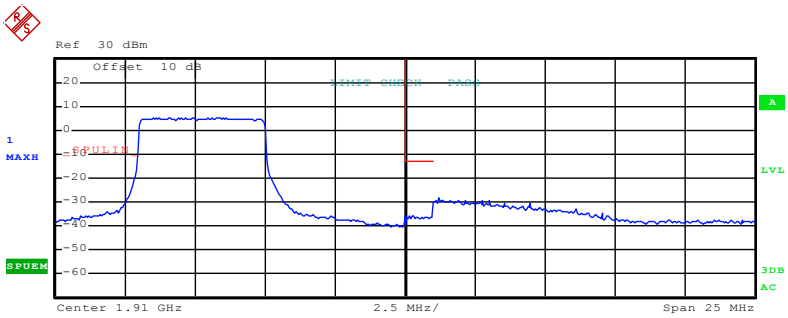
Test Mode:	LTE band 2(16QAM RB Size 25 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.837 G	1.849 G	1.00 M	1.848517 G	-17.96	-4.96
1.849 G	1.850 G	100.00 k	1.849954 G	-20.95	-7.95
1.850 G	1.863 G	100.00 k	1.852500 G	5.60	-27.40

Date: 22.OCT.2015 10:32:08

Lowest channel

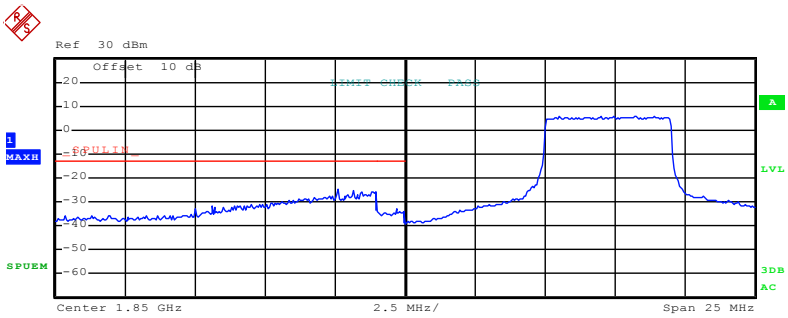


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.898 G	1.910 G	100.00 k	1.903375 G	5.22	-27.78
1.910 G	1.911 G	100.00 k	1.910312 G	-35.79	-22.79
1.911 G	1.923 G	1.00 M	1.911161 G	-28.43	-15.43

Date: 22.OCT.2015 11:00:19

Highest channel

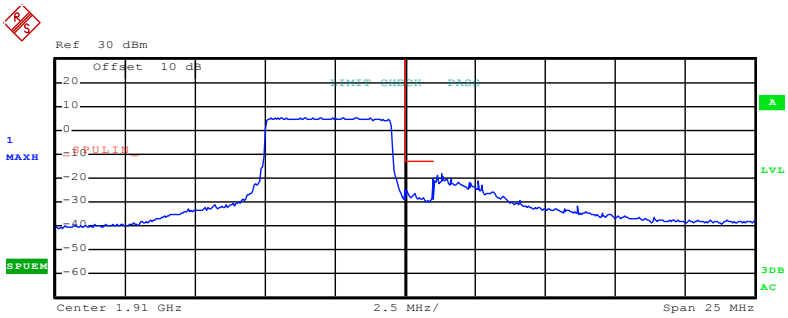
Test Mode:	LTE band 2(16QAM RB Size 25 & RB Offset 24)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.837 G	1.849 G	1.00 M	1.847574 G	-24.86	-11.86
1.849 G	1.850 G	100.00 k	1.849700 G	-33.13	-20.13
1.850 G	1.863 G	100.00 k	1.858225 G	5.77	-27.23

Date: 22.OCT.2015 10:32:22

Lowest channel

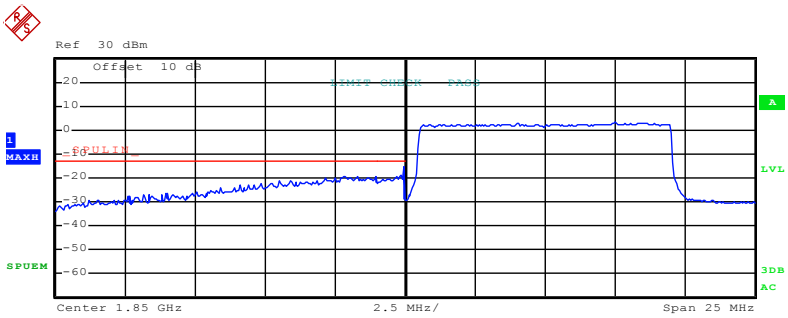


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.898 G	1.910 G	100.00 k	1.906375 G	5.22	-27.78
1.910 G	1.911 G	100.00 k	1.910004 G	-24.63	-11.63
1.911 G	1.923 G	1.00 M	1.911276 G	-18.32	-5.32

Date: 22.OCT.2015 11:00:33

Highest channel

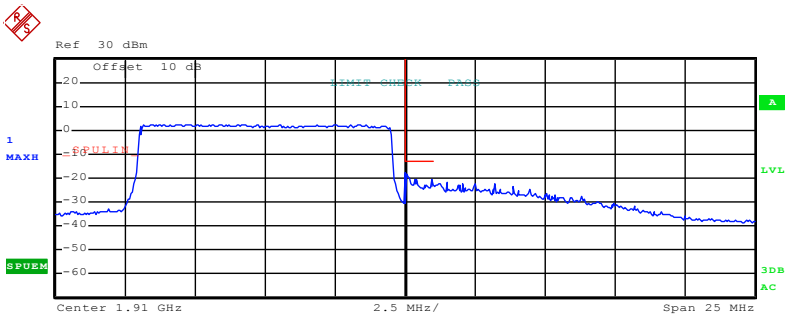
Test Mode:	LTE band 2(16QAM RB Size 50 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.837 G	1.849 G	1.00 M	1.848908 G	-19.31	-6.31
1.849 G	1.850 G	300.00 k	1.849952 G	-15.03	-2.03
1.850 G	1.863 G	100.00 k	1.857475 G	3.27	-29.73

Date: 22.OCT.2015 10:33:32

Lowest channel



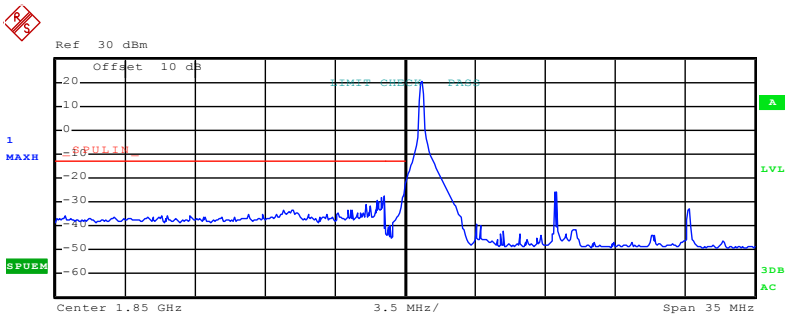
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.898 G	1.910 G	100.00 k	1.902225 G	2.47	-30.53
1.910 G	1.911 G	300.00 k	1.910016 G	-17.38	-4.38
1.911 G	1.923 G	1.00 M	1.911161 G	-21.55	-8.55

Date: 22.OCT.2015 11:01:29

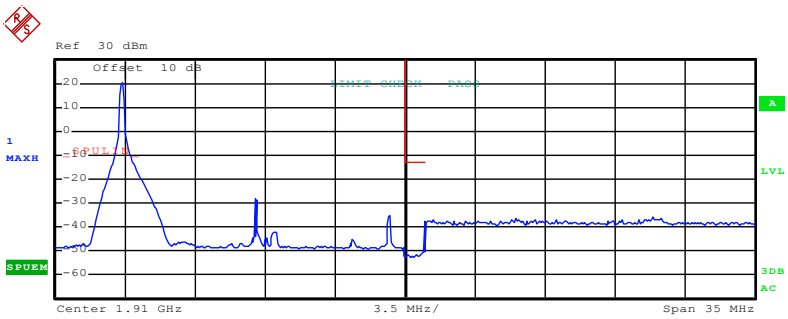
Highest channel

15MHz:

Test Mode:	LTE band 2(QPSK RB Size 1 & RB Offset 0)

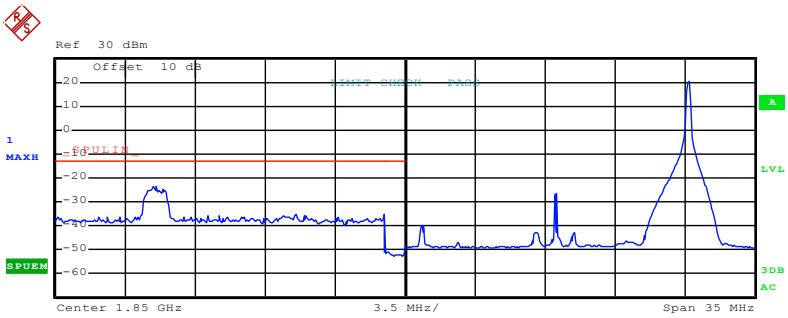


Lowest channel



Highest channel

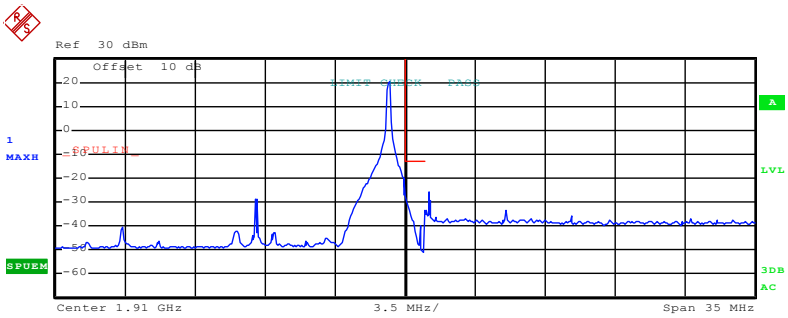
Test Mode:	LTE band 2(QPSK RB Size 1 & RB Offset 74)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.833 G	1.849 G	1.00 M	1.837351 G	-23.23	-10.23
1.849 G	1.850 G	30.00 k	1.849174 G	-50.14	-37.14
1.850 G	1.867 G	100.00 k	1.864175 G	20.48	-12.52

Date: 22.OCT.2015 11:03:56

Lowest channel

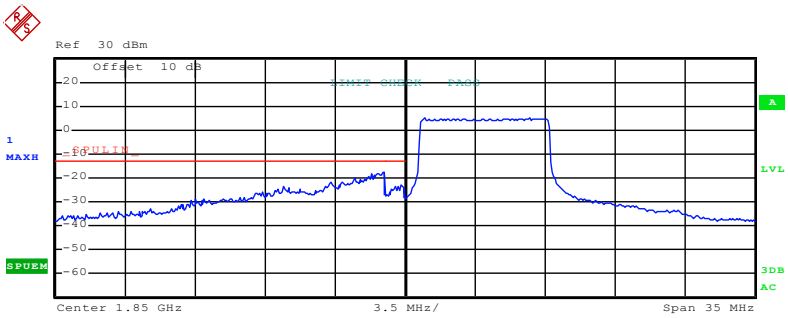


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.893 G	1.910 G	100.00 k	1.909195 G	20.09	-12.91
1.910 G	1.911 G	30.00 k	1.910018 G	-27.83	-14.83
1.911 G	1.928 G	1.00 M	1.911165 G	-25.75	-12.75

Date: 22.OCT.2015 11:07:33

Highest channel

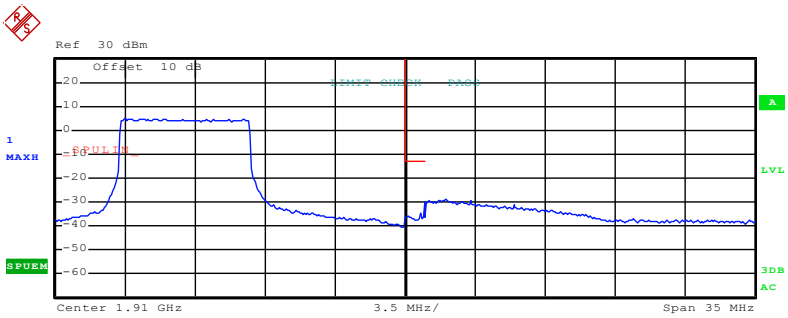
Test Mode:	LTE band 2(QPSK RB Size 36 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.833 G	1.849 G	1.00 M	1.848835 G	-17.65	-4.65
1.849 G	1.850 G	100.00 k	1.849814 G	-23.18	-10.18
1.850 G	1.867 G	100.00 k	1.850945 G	5.11	-27.89

Date: 22.OCT.2015 11:04:29

Lowest channel

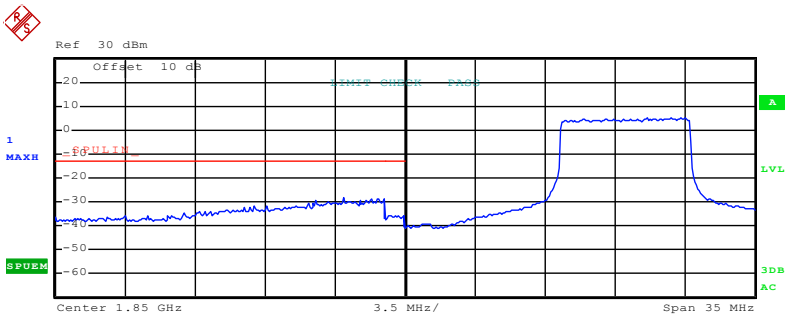


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.893 G	1.910 G	100.00 k	1.895965 G	5.14	-27.86
1.910 G	1.911 G	100.00 k	1.910782 G	-34.88	-21.88
1.911 G	1.928 G	1.00 M	1.912023 G	-28.91	-15.91

Date: 22.OCT.2015 11:08:18

Highest channel

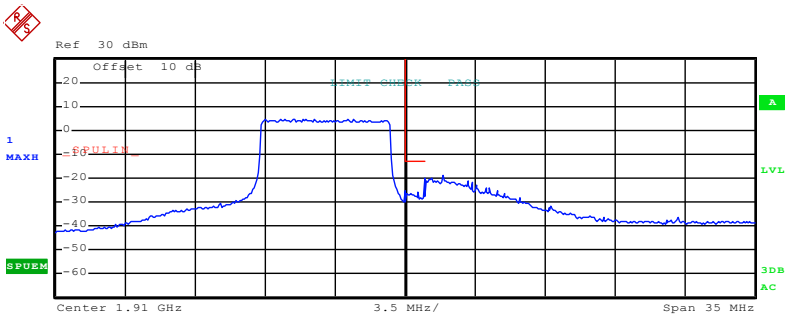
Test Mode:	LTE band 2(QPSK RB Size 36 & RB Offset 35)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.833 G	1.849 G	1.00 M	1.846855 G	-28.31	-15.31
1.849 G	1.850 G	100.00 k	1.849284 G	-35.35	-22.35
1.850 G	1.867 G	100.00 k	1.863965 G	5.10	-27.90

Date: 22.OCT.2015 11:05:16

Lowest channel

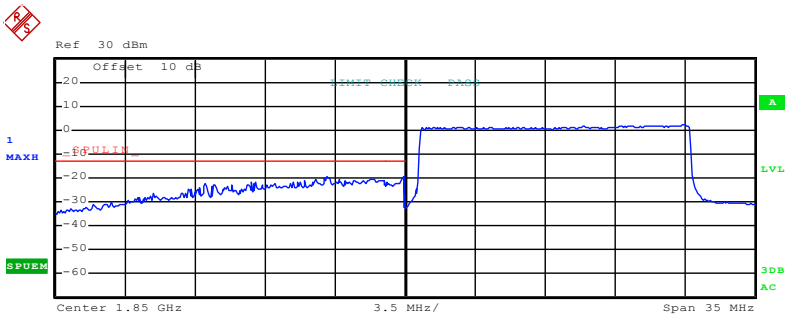


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.893 G	1.910 G	100.00 k	1.902965 G	4.62	-28.38
1.910 G	1.911 G	100.00 k	1.910014 G	-25.24	-12.24
1.911 G	1.928 G	1.00 M	1.911825 G	-19.05	-6.05

Date: 22.OCT.2015 11:09:05

Highest channel

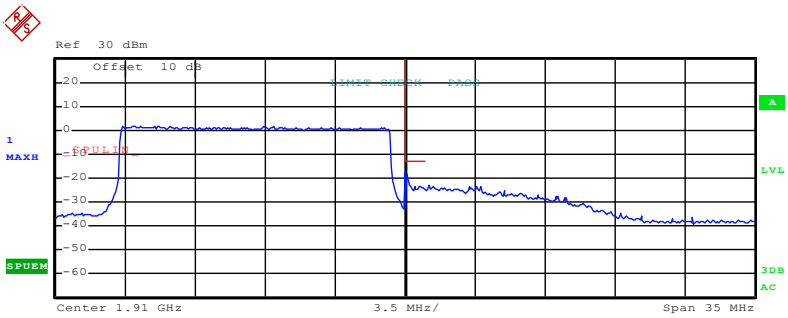
Test Mode:	LTE band 2(QPSK RB Size 75 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.833 G	1.849 G	1.00 M	1.846063 G	-19.70	-6.70
1.849 G	1.850 G	300.00 k	1.849930 G	-19.18	-6.18
1.850 G	1.867 G	100.00 k	1.863825 G	2.23	-30.77

Date: 22.OCT.2015 11:05:40

Lowest channel

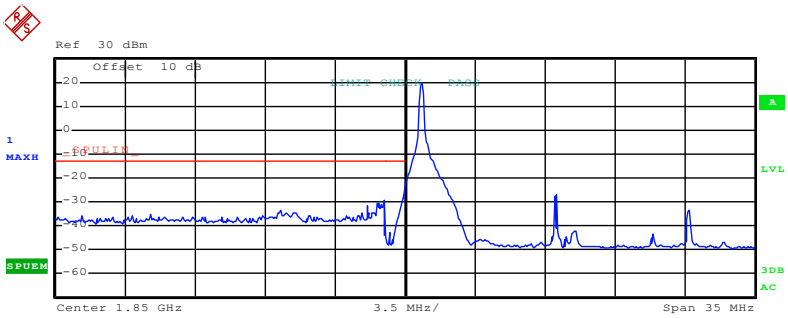


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.893 G	1.910 G	100.00 k	1.896455 G	1.79	-31.21
1.910 G	1.911 G	300.00 k	1.910010 G	-17.26	-4.26
1.911 G	1.928 G	1.00 M	1.911132 G	-22.92	-9.92

Date: 22.OCT.2015 11:09:33

Highest channel

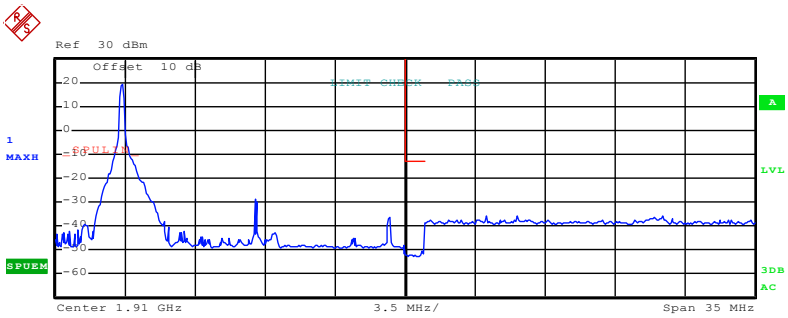
Test Mode:	LTE band 2(16QAM RB Size 1 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.833 G	1.849 G	1.00 M	1.848901 G	-29.16	-16.16
1.849 G	1.850 G	30.00 k	1.849978 G	-26.90	-13.90
1.850 G	1.867 G	100.00 k	1.850840 G	19.55	-13.45

Date: 22.OCT.2015 11:03:24

Lowest channel

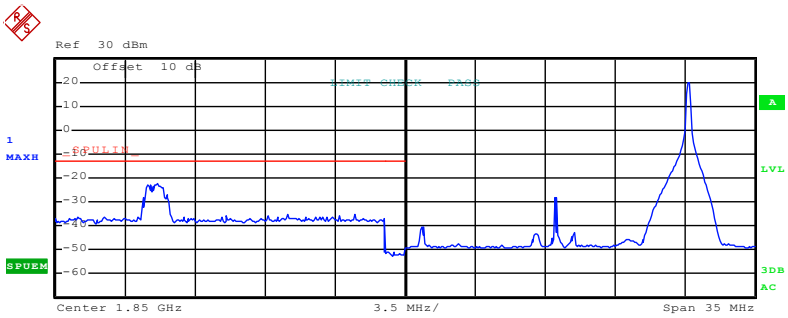


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.893 G	1.910 G	100.00 k	1.895825 G	19.26	-13.74
1.910 G	1.911 G	30.00 k	1.910852 G	-50.48	-37.48
1.911 G	1.928 G	1.00 M	1.922814 G	-35.57	-22.57

Date: 22.OCT.2015 11:07:07

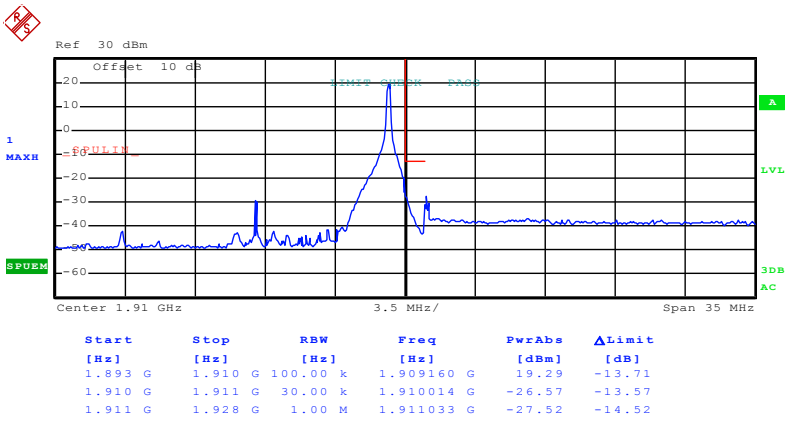
Highest channel

Test Mode:	LTE band 2(16QAM RB Size 1 & RB Offset 74)



Date: 22.OCT.2015 11:03:41

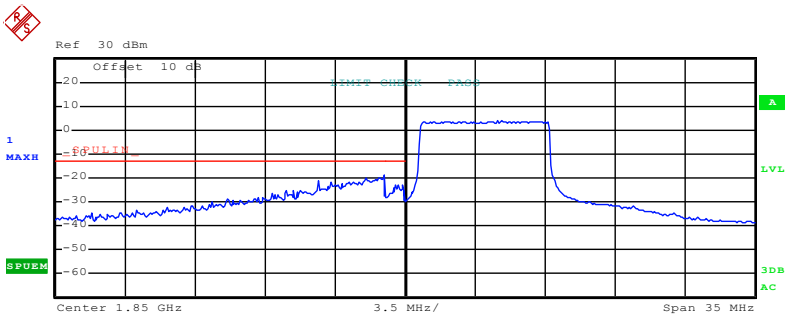
Lowest channel



Date: 22.OCT.2015 11:07:21

Highest channel

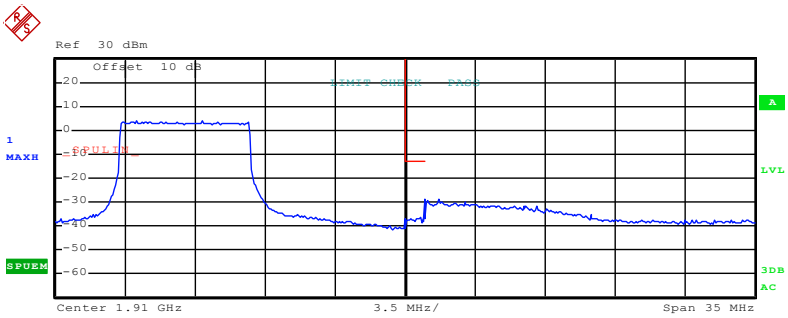
Test Mode:	LTE band 2(16QAM RB Size 36 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.833 G	1.849 G	1.00 M	1.848967 G	-18.64	-5.64
1.849 G	1.850 G	100.00 k	1.849840 G	-22.99	-9.99
1.850 G	1.867 G	100.00 k	1.854795 G	3.82	-29.18

Date: 22.OCT.2015 11:04:45

Lowest channel

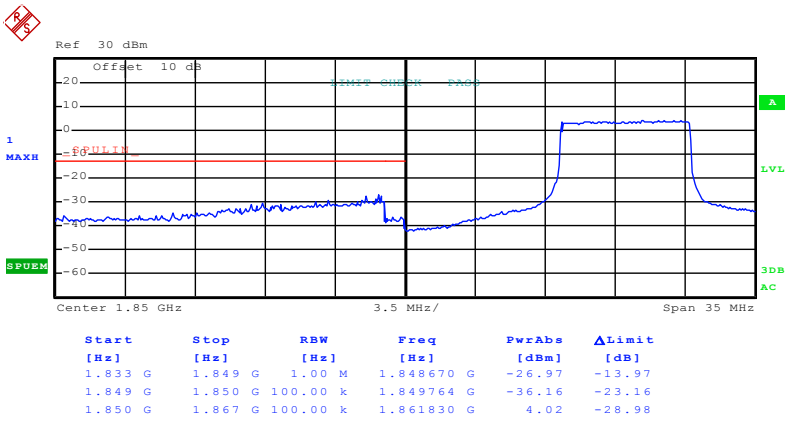


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.893 G	1.910 G	100.00 k	1.899815 G	4.06	-28.94
1.910 G	1.911 G	100.00 k	1.910802 G	-36.53	-23.53
1.911 G	1.928 G	1.00 M	1.911660 G	-28.48	-15.48

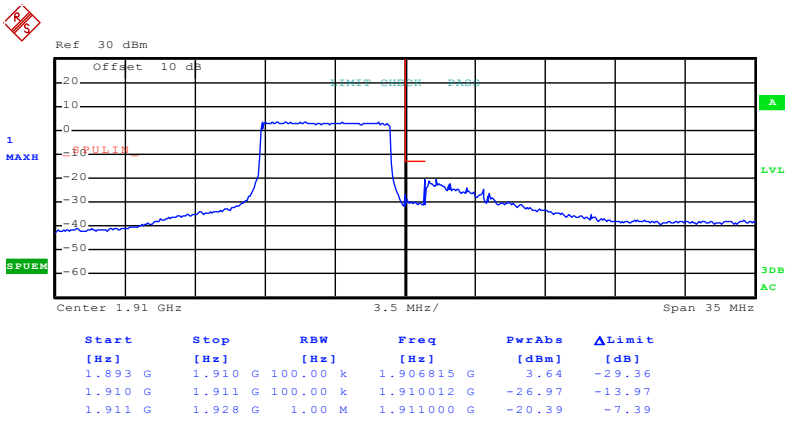
Date: 22.OCT.2015 11:08:33

Highest channel

Test Mode:	LTE band 2(16QAM RB Size 36 & RB Offset 35)

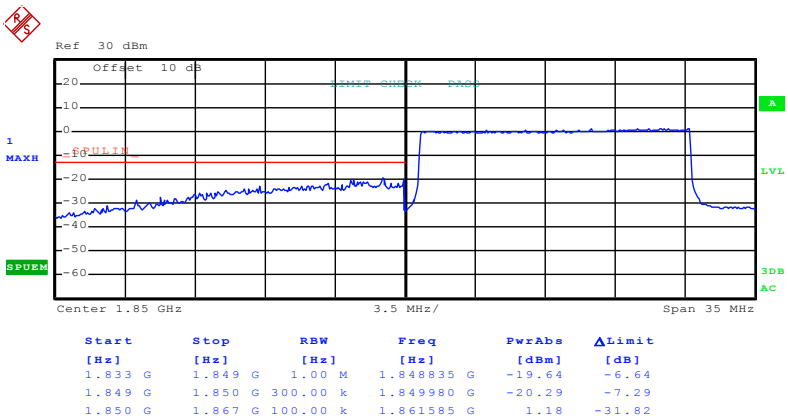


Lowest channel



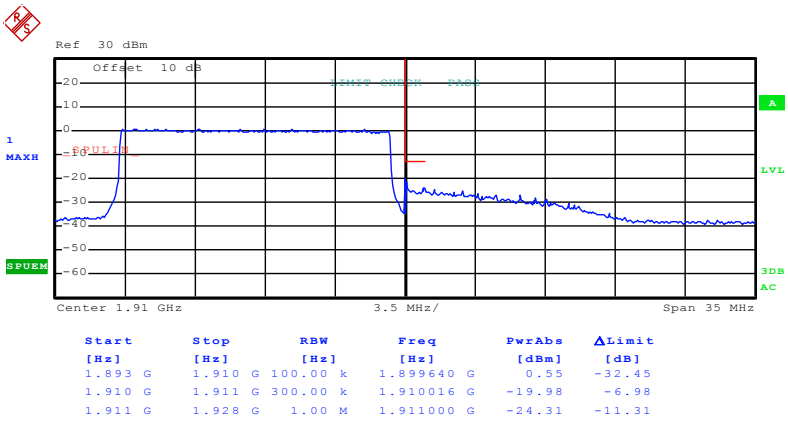
Highest channel

Test Mode:	LTE band 2(16QAM RB Size 75 & RB Offset 0)



Date: 22.OCT.2015 11:05:52

Lowest channel

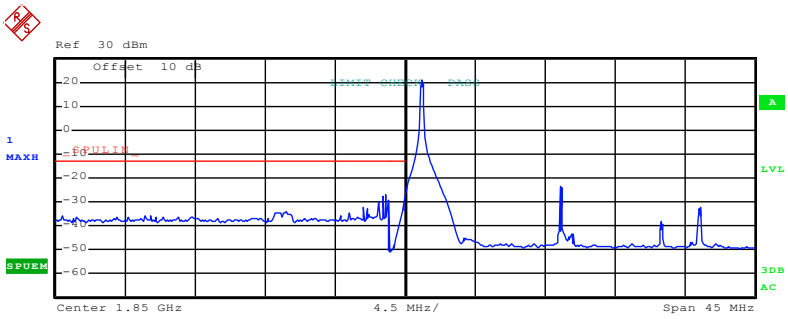


Date: 22.OCT.2015 11:09:48

Highest channel

20MHz:

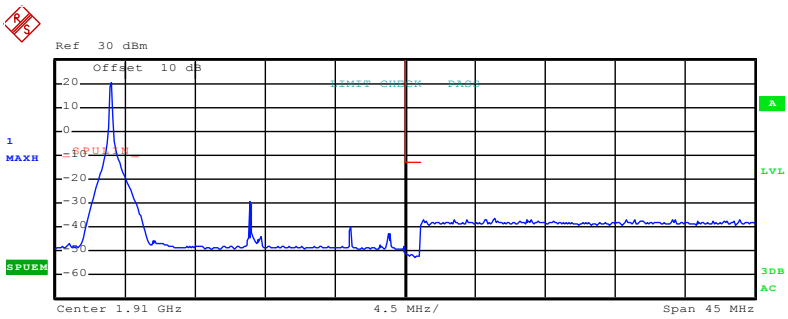
Test Mode:	LTE band 2(QPSK RB Size 1 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.827 G	1.849 G	1.00 M	1.848699 G	-27.16	-14.16
1.849 G	1.850 G	30.00 k	1.849998 G	-30.80	-17.80
1.850 G	1.873 G	100.00 k	1.851080 G	20.65	-12.35

Date: 22.OCT.2015 11:11:22

Lowest channel

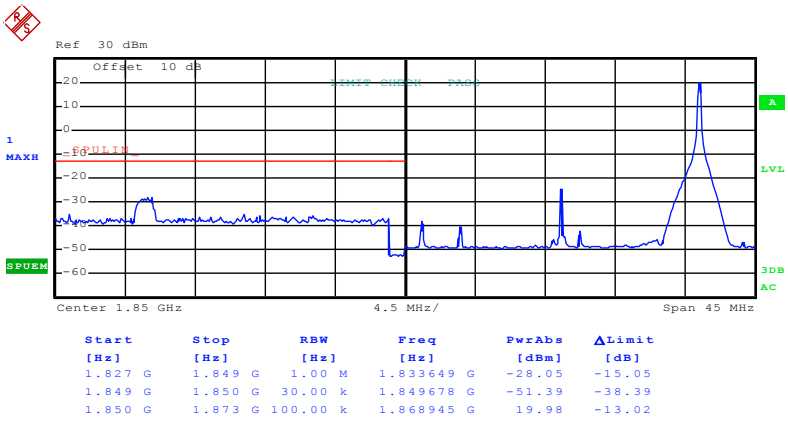


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.888 G	1.910 G	100.00 k	1.891100 G	20.39	-12.61
1.910 G	1.911 G	30.00 k	1.910002 G	-51.17	-38.17
1.911 G	1.933 G	1.00 M	1.915730 G	-36.29	-23.29

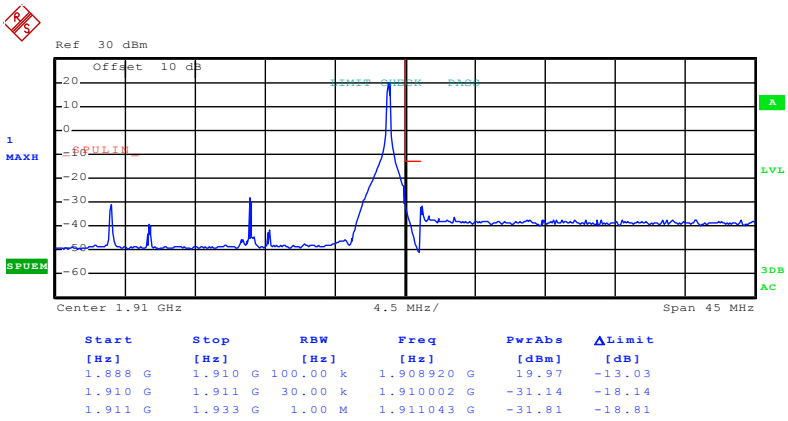
Date: 22.OCT.2015 11:30:44

Highest channel

Test Mode:	LTE band 2(QPSK RB Size 1 & RB Offset 99)

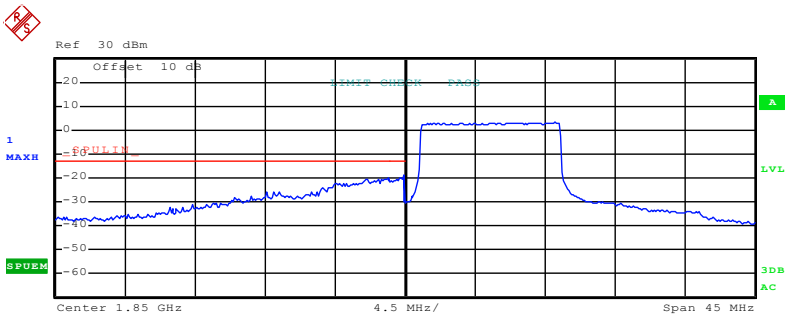


Lowest channel



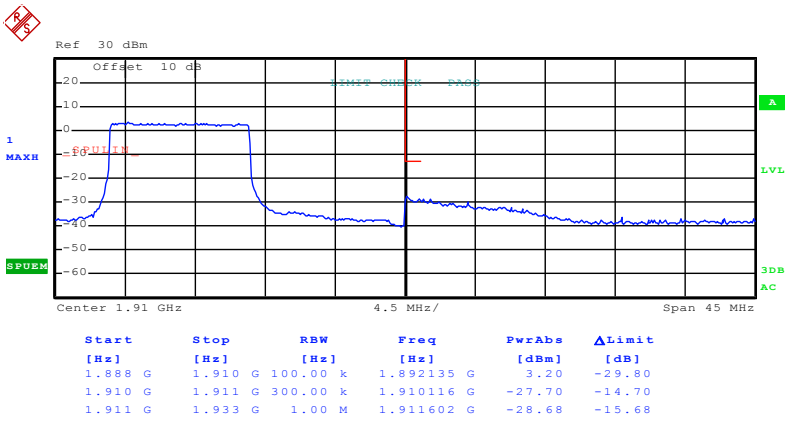
Highest channel

Test Mode:	LTE band 2(QPSK RB Size 50 & RB Offset 0)



Date: 22.OCT.2015 11:12:42

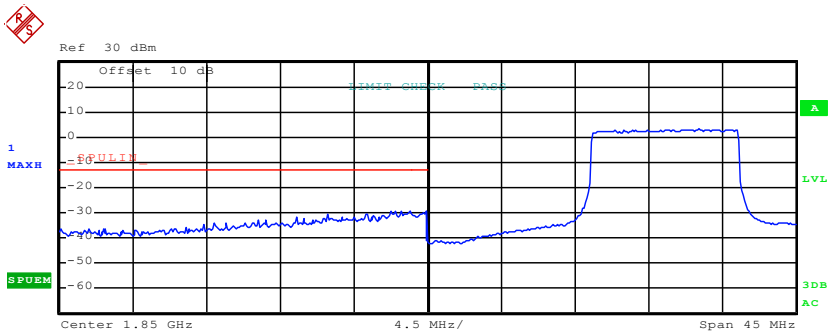
Lowest channel



Date: 22.OCT.2015 11:31:56

Highest channel

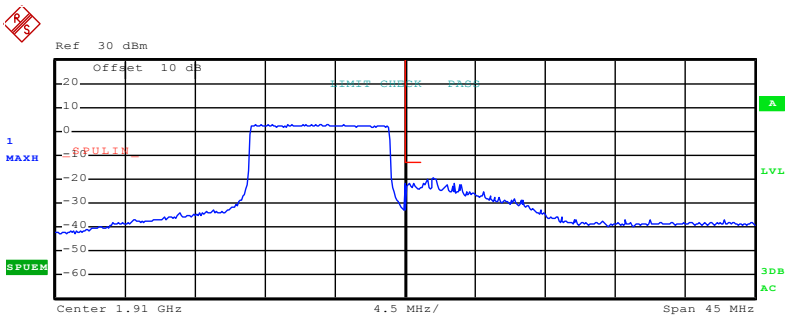
Test Mode:	LTE band 2(QPSK RB Size 50 & RB Offset 49)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.827 G	1.849 G	1.00 M	1.848871 G	-29.11	-16.11
1.849 G	1.850 G	300.00 k	1.849964 G	-29.36	-16.36
1.850 G	1.873 G	100.00 k	1.866515 G	3.25	-29.75

Date: 22.OCT.2015 11:13:23

Lowest channel

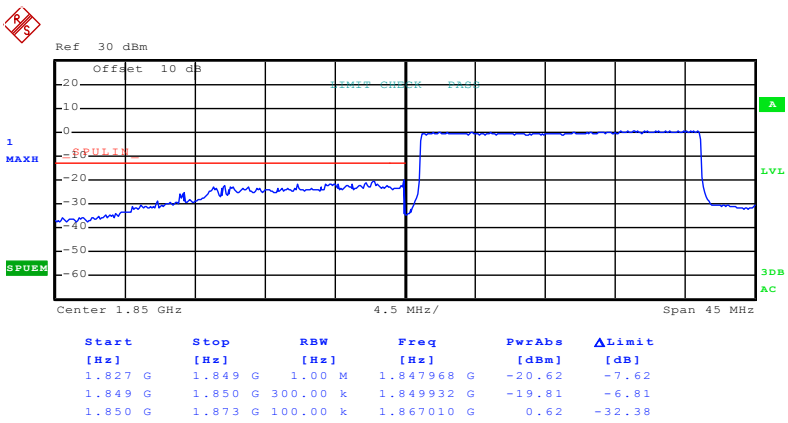


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.888 G	1.910 G	100.00 k	1.906040 G	2.80	-30.20
1.910 G	1.911 G	300.00 k	1.910032 G	-21.70	-8.70
1.911 G	1.933 G	1.00 M	1.911774 G	-19.57	-6.57

Date: 22.OCT.2015 11:32:42

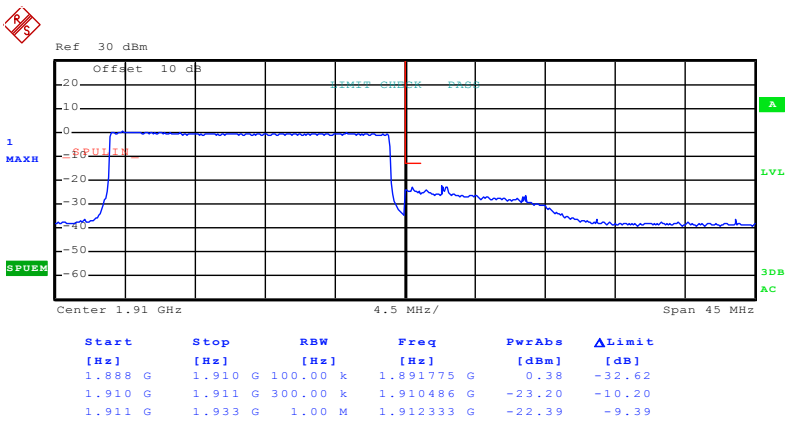
Highest channel

Test Mode:	LTE band 2(QPSK RB Size 100 & RB Offset 0)



Date: 22.OCT.2015 11:15:50

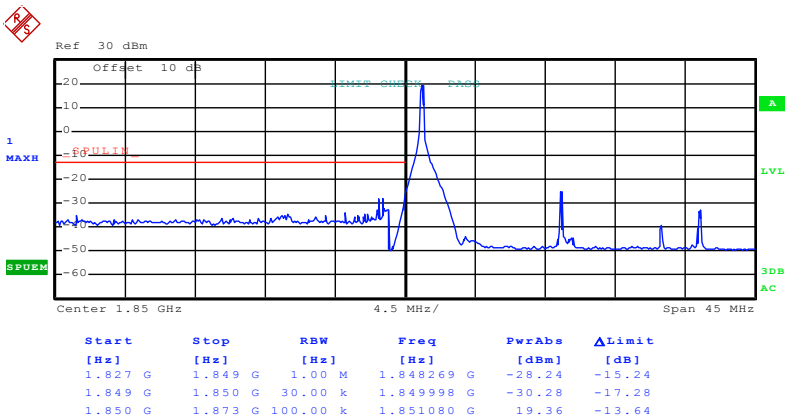
Lowest channel



Date: 22.OCT.2015 11:32:57

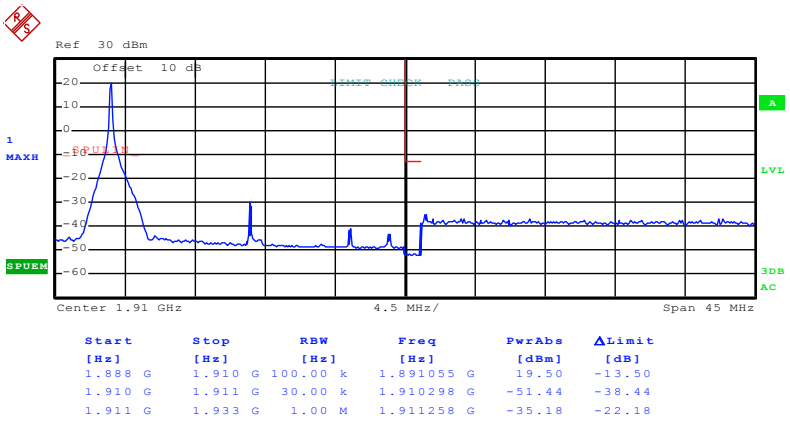
Highest channel

Test Mode:	LTE band 2(16QAM RB Size 1 & RB Offset 0)



Date: 22.OCT.2015 11:11:36

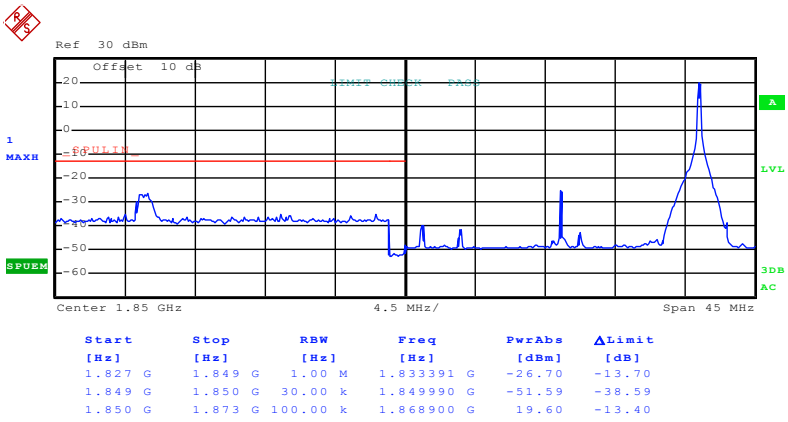
Lowest channel



Date: 22.OCT.2015 11:31:00

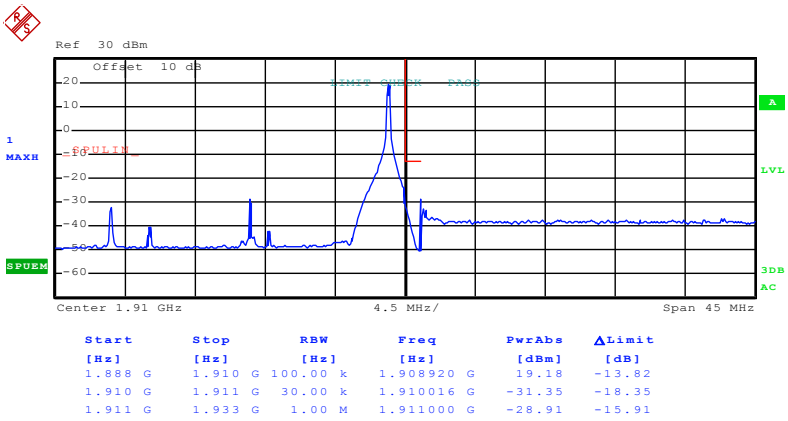
Highest channel

Test Mode:	LTE band 2(16QAM RB Size 1 & RB Offset 99)



Date: 22.OCT.2015 11:11:51

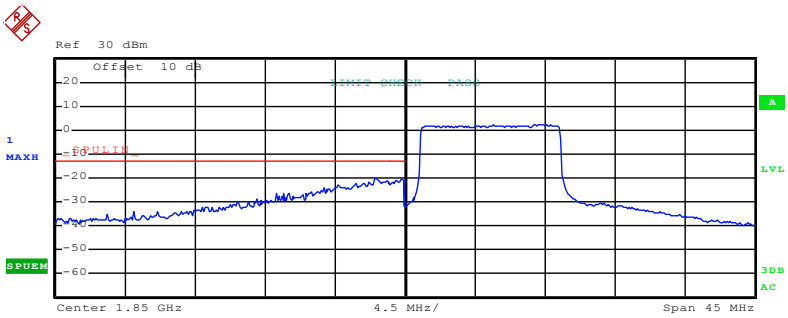
Lowest channel



Date: 22.OCT.2015 11:31:19

Highest channel

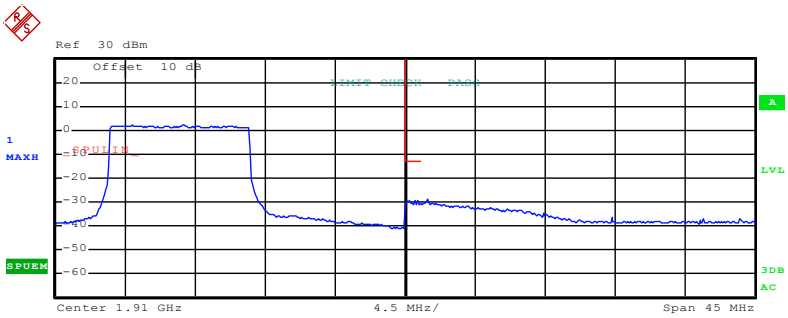
Test Mode:	LTE band 2(16QAM RB Size 50 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.827 G	1.849 G	1.00 M	1.848054 G	-20.24	-7.24
1.849 G	1.850 G	300.00 k	1.849816 G	-20.78	-7.78
1.850 G	1.873 G	100.00 k	1.858910 G	2.48	-30.52

Date: 22.OCT.2015 11:12:55

Lowest channel

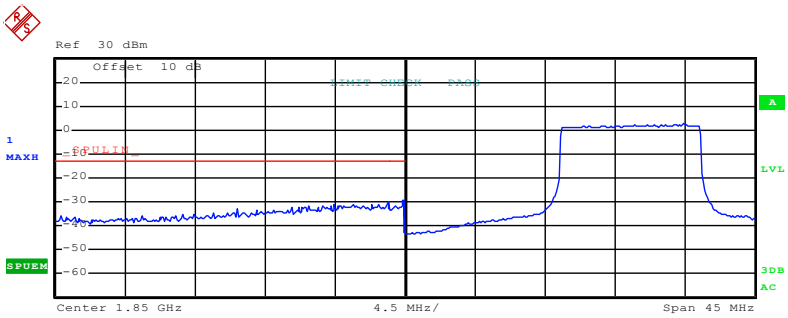


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.888 G	1.910 G	100.00 k	1.892450 G	2.06	-30.94
1.910 G	1.911 G	300.00 k	1.910244 G	-29.13	-16.13
1.911 G	1.933 G	1.00 M	1.911430 G	-28.97	-15.97

Date: 22.OCT.2015 11:32:16

Highest channel

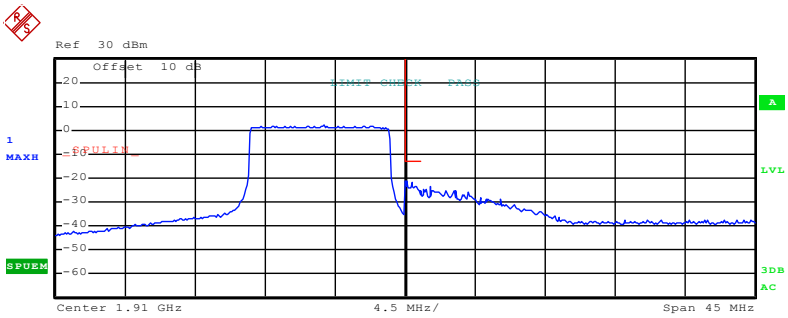
Test Mode:	LTE band 2(16QAM RB Size 50 & RB Offset 49)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.827 G	1.849 G	1.00 M	1.848957 G	-29.69	-16.69
1.849 G	1.850 G	300.00 k	1.849832 G	-29.25	-16.25
1.850 G	1.873 G	100.00 k	1.867910 G	2.53	-30.47

Date: 22.OCT.2015 11:13:09

Lowest channel

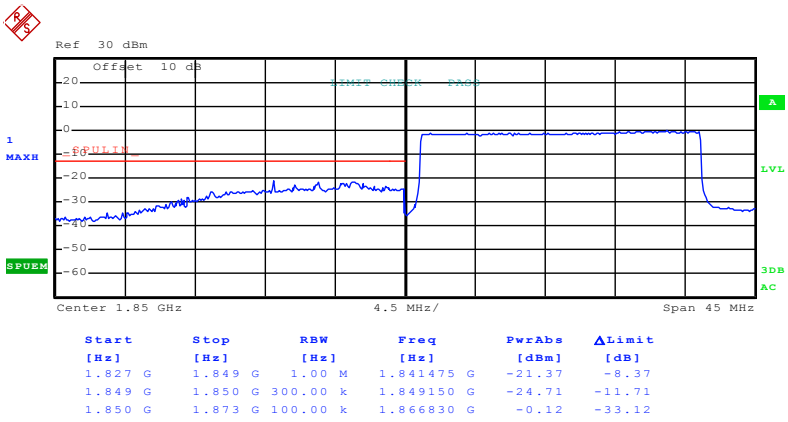


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.888 G	1.910 G	100.00 k	1.904735 G	2.06	-30.94
1.910 G	1.911 G	300.00 k	1.910016 G	-21.04	-8.04
1.911 G	1.933 G	1.00 M	1.911559 G	-23.50	-10.50

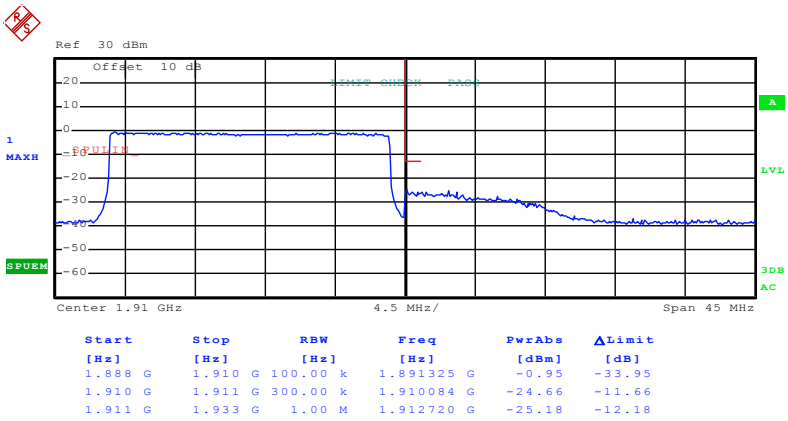
Date: 22.OCT.2015 11:32:28

Highest channel

Test Mode:	LTE band 2(16QAM RB Size 100 & RB Offset 0)



Lowest channel

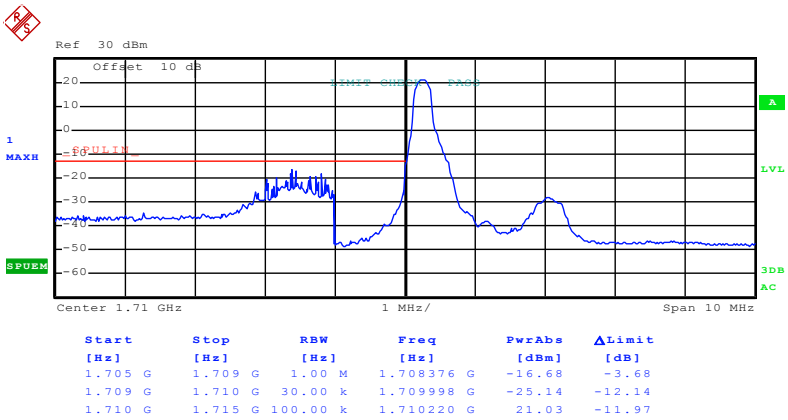


Highest channel

LTE band 4 part:

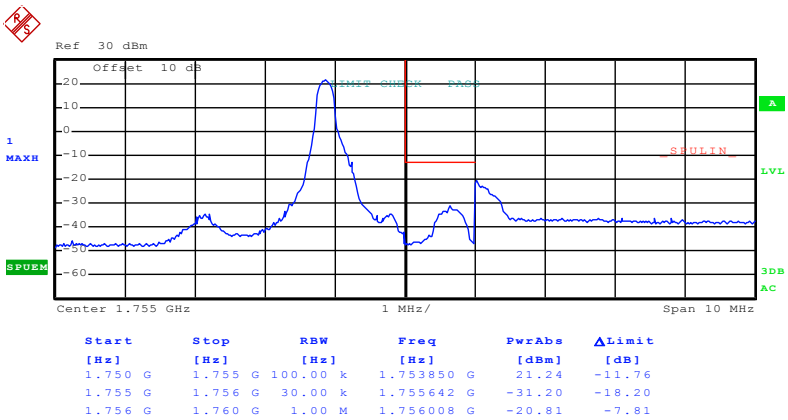
1.4MHz:

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



Date: 22.OCT.2015 11:35:55

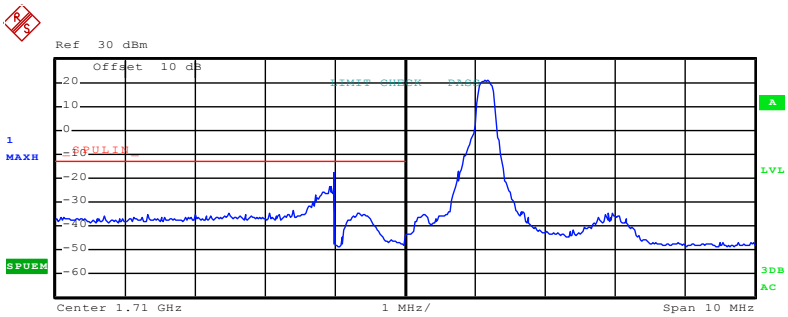
Lowest channel



Date: 22.OCT.2015 11:39:05

Highest channel

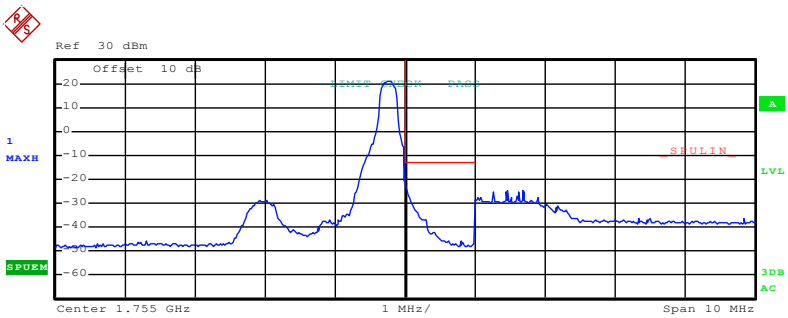
Test Mode:	LTE band 4(QPSK RB Size 1 & RB Offset 5)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.705 G	1.709 G	1.00 M	1.708968 G	-17.75	-4.75
1.709 G	1.710 G	30.00 k	1.709324 G	-34.79	-21.79
1.710 G	1.715 G	100.00 k	1.711170 G	20.92	-12.08

Date: 22.OCT.2015 11:36:34

Lowest channel

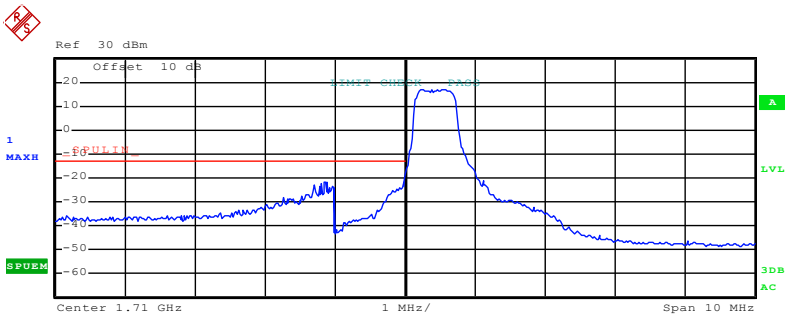


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.750 G	1.755 G	100.00 k	1.754750 G	21.11	-11.89
1.755 G	1.756 G	30.00 k	1.755002 G	-21.30	-8.30
1.756 G	1.760 G	1.00 M	1.756680 G	-24.39	-11.39

Date: 22.OCT.2015 11:39:46

Highest channel

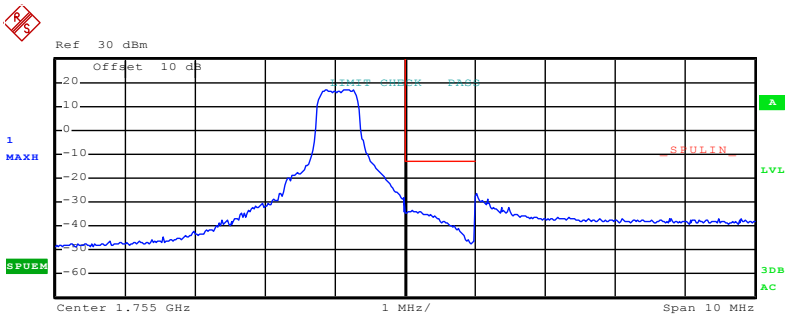
Test Mode:	LTE band 4(QPSK RB Size 3 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.705 G	1.709 G	1.00 M	1.708848 G	-21.52	-8.52
1.709 G	1.710 G	30.00 k	1.709984 G	-22.46	-9.46
1.710 G	1.715 G	100.00 k	1.710570 G	17.10	-15.90

Date: 22.OCT.2015 11:36:52

Lowest channel

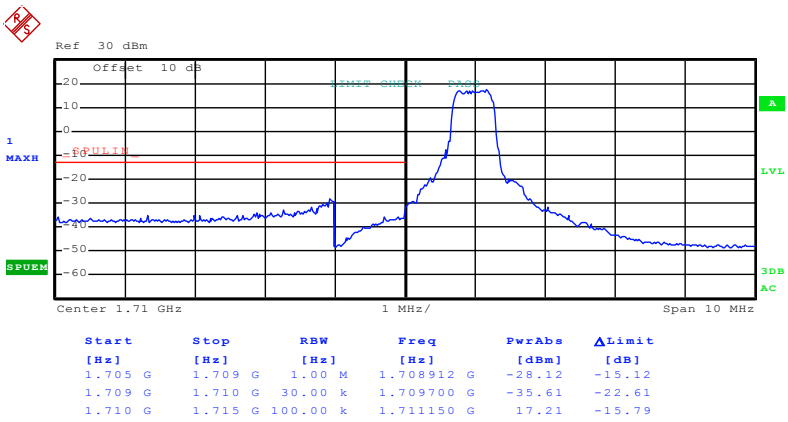


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.750 G	1.755 G	100.00 k	1.754160 G	17.09	-15.91
1.755 G	1.756 G	30.00 k	1.755102 G	-33.15	-20.15
1.756 G	1.760 G	1.00 M	1.756008 G	-26.33	-13.33

Date: 22.OCT.2015 11:40:02

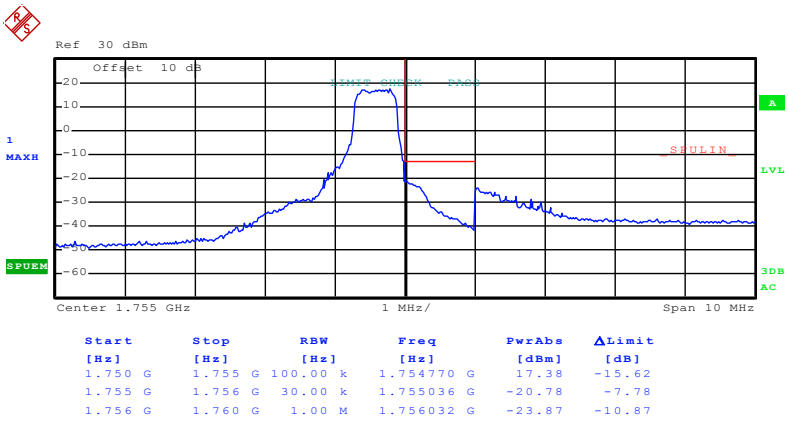
Highest channel

Test Mode:	LTE band 4(QPSK RB Size 3 & RB Offset 2)



Date: 22.OCT.2015 11:37:35

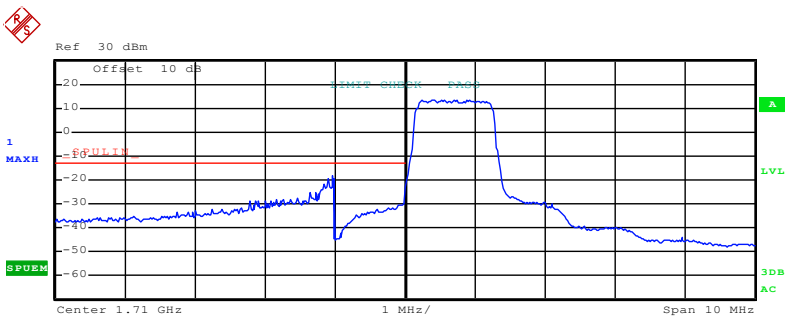
Lowest channel



Date: 22.OCT.2015 11:40:41

Highest channel

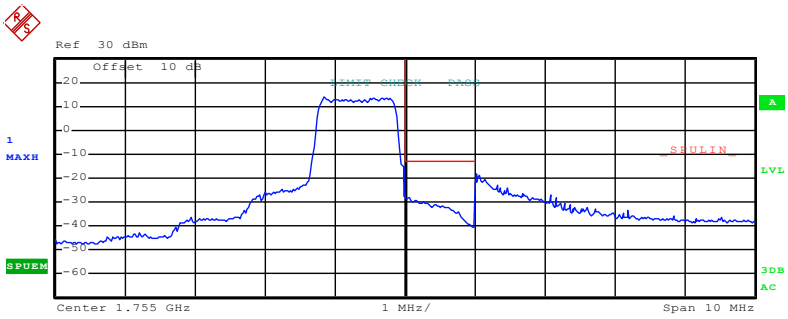
Test Mode:	LTE band 4(QPSK RB Size 6 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.705 G	1.709 G	1.00 M	1.708960 G	-18.42	-5.42
1.709 G	1.710 G	30.00 k	1.709978 G	-29.73	-16.73
1.710 G	1.715 G	100.00 k	1.710510 G	13.57	-19.43

Date: 22.OCT.2015 11:38:02

Lowest channel

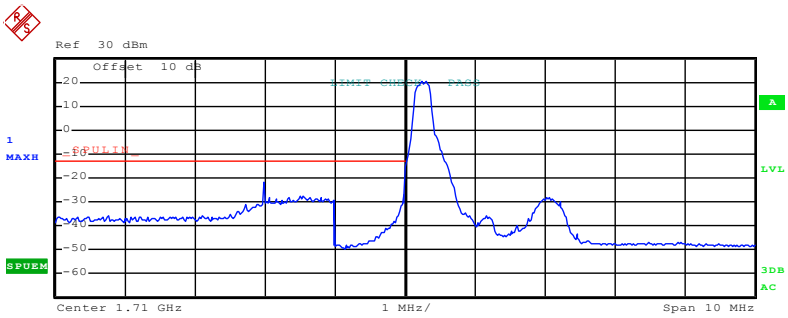


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.750 G	1.755 G	100.00 k	1.753840 G	13.94	-19.06
1.755 G	1.756 G	30.00 k	1.755046 G	-27.59	-14.59
1.756 G	1.760 G	1.00 M	1.756016 G	-18.12	-5.12

Date: 22.OCT.2015 11:40:53

Highest channel

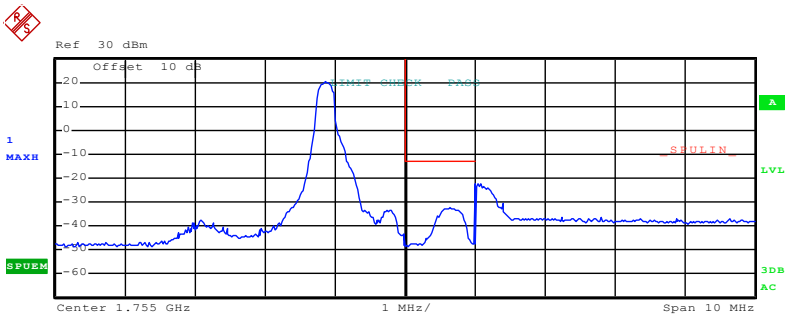
Test Mode:	LTE band 4(16QAM RB Size 1 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.705 G	1.709 G	1.00 M	1.707976 G	-21.76	-8.76
1.709 G	1.710 G	30.00 k	1.709996 G	-27.12	-14.12
1.710 G	1.715 G	100.00 k	1.710300 G	20.14	-12.86

Date: 22.OCT.2015 11:36:09

Lowest channel

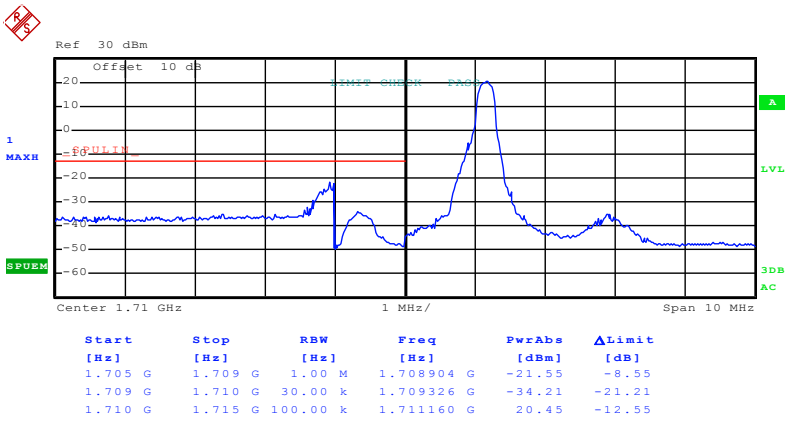


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.750 G	1.755 G	100.00 k	1.753860 G	20.32	-12.68
1.755 G	1.756 G	30.00 k	1.755632 G	-32.45	-19.45
1.756 G	1.760 G	1.00 M	1.756064 G	-22.06	-9.06

Date: 22.OCT.2015 11:39:20

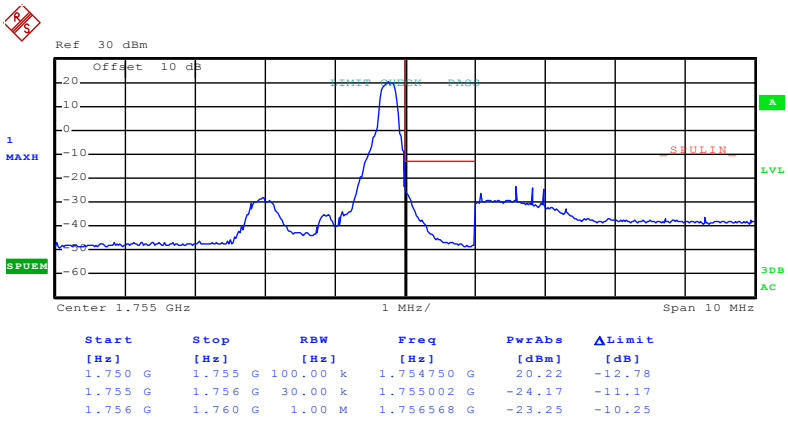
Highest channel

Test Mode:	LTE band 4(16QAM RB Size 1 & RB Offset 5)



Date: 22.OCT.2015 11:36:23

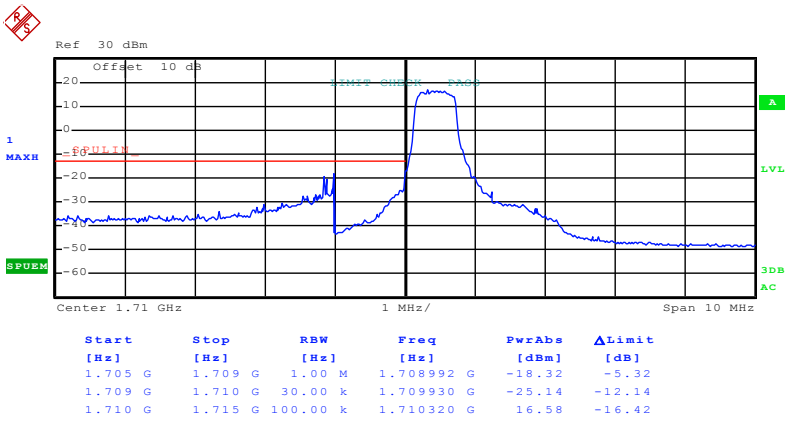
Lowest channel



Date: 22.OCT.2015 11:39:32

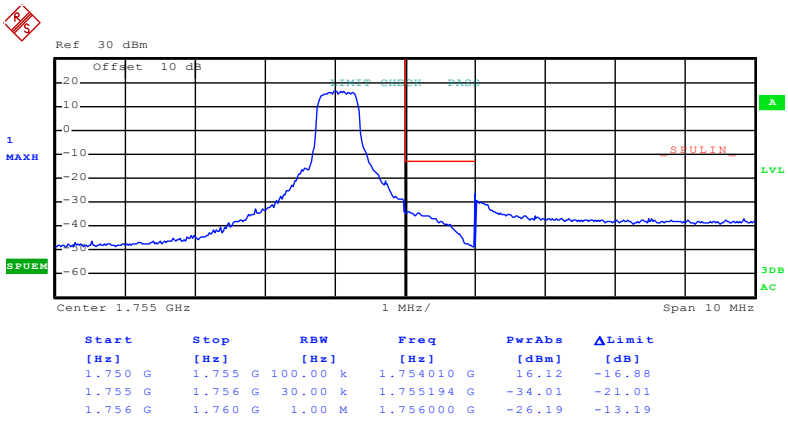
Highest channel

Test Mode:	LTE band 4(16QAM RB Size 3 & RB Offset 0)



Date: 22.OCT.2015 11:37:07

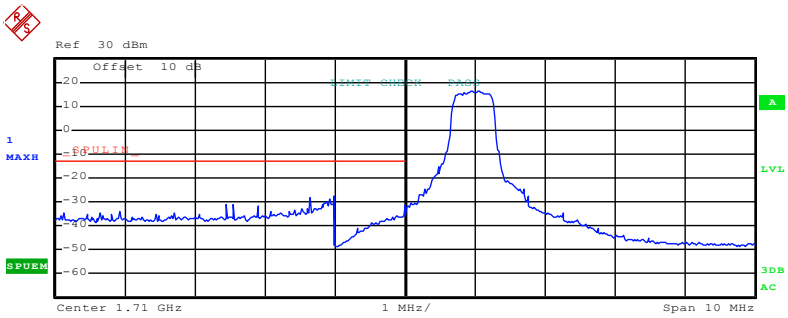
Lowest channel



Date: 22.OCT.2015 11:40:14

Highest channel

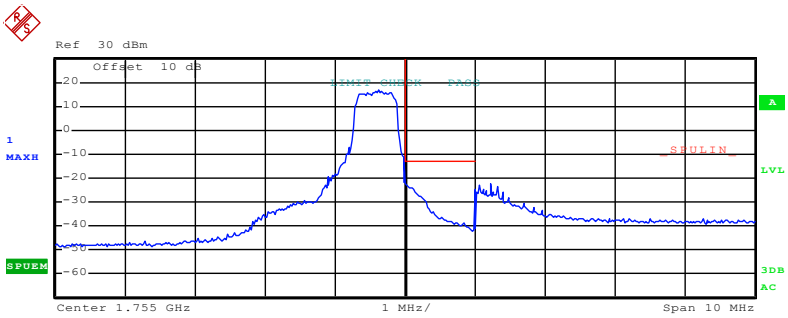
Test Mode:	LTE band 4(16QAM RB Size 3 & RB Offset 2)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.705 G	1.709 G	1.00 M	1.708968 G	-27.35	-14.35
1.709 G	1.710 G	30.00 k	1.709970 G	-35.91	-22.91
1.710 G	1.715 G	100.00 k	1.711040 G	16.15	-16.85

Date: 22.OCT.2015 11:37:22

Lowest channel

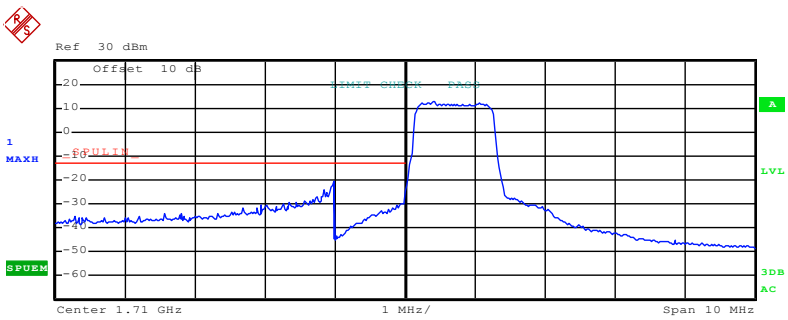


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.750 G	1.755 G	100.00 k	1.754620 G	16.60	-16.40
1.755 G	1.756 G	30.00 k	1.755004 G	-22.60	-9.60
1.756 G	1.760 G	1.00 M	1.756208 G	-22.21	-9.21

Date: 22.OCT.2015 11:40:27

Highest channel

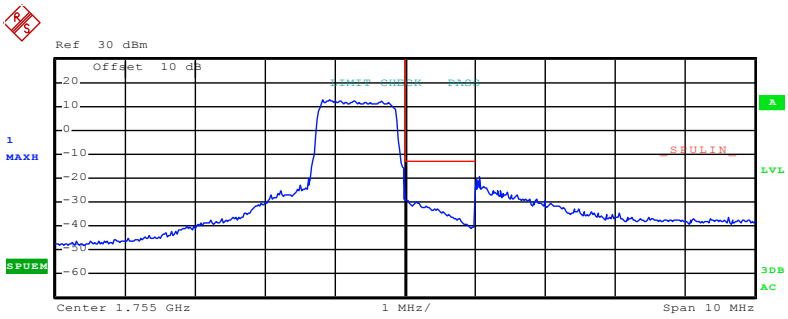
Test Mode:	LTE band 4(16QAM RB Size 6 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.705 G	1.709 G	1.00 M	1.708992 G	-20.43	-7.43
1.709 G	1.710 G	30.00 k	1.709958 G	-30.03	-17.03
1.710 G	1.715 G	100.00 k	1.710410 G	12.91	-20.09

Date: 22.OCT.2015 11:38:14

Lowest channel



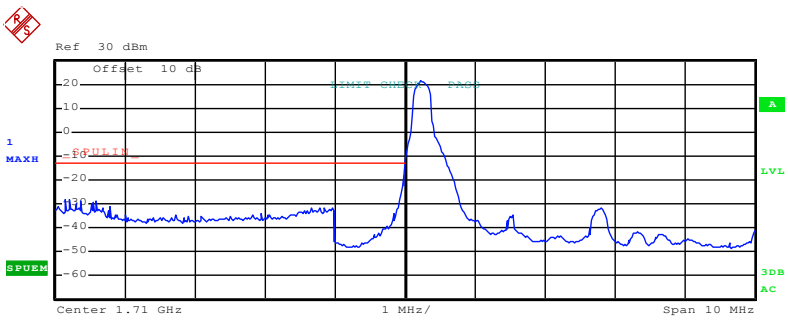
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.750 G	1.755 G	100.00 k	1.753810 G	12.51	-20.49
1.755 G	1.756 G	30.00 k	1.755038 G	-29.18	-16.18
1.756 G	1.760 G	1.00 M	1.756056 G	-19.37	-6.37

Date: 22.OCT.2015 11:41:04

Highest channel

3MHz:

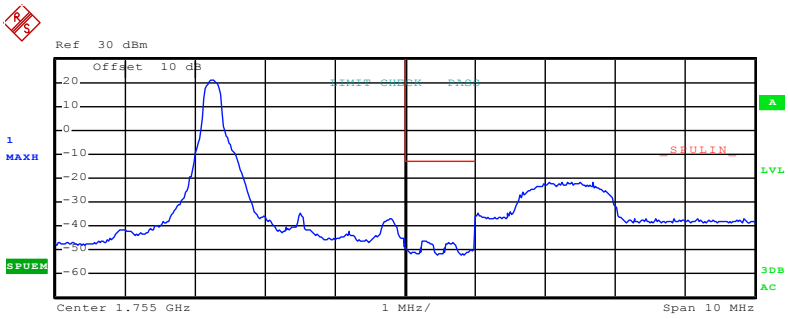
Test Mode:	LTE band 4(QPSK RB Size 1 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.705 G	1.709 G	1.00 M	1.705136 G	-28.15	-15.15
1.709 G	1.710 G	30.00 k	1.709998 G	-18.33	-5.33
1.710 G	1.715 G	100.00 k	1.710220 G	21.27	-11.73

Date: 22.OCT.2015 11:42:08

Lowest channel

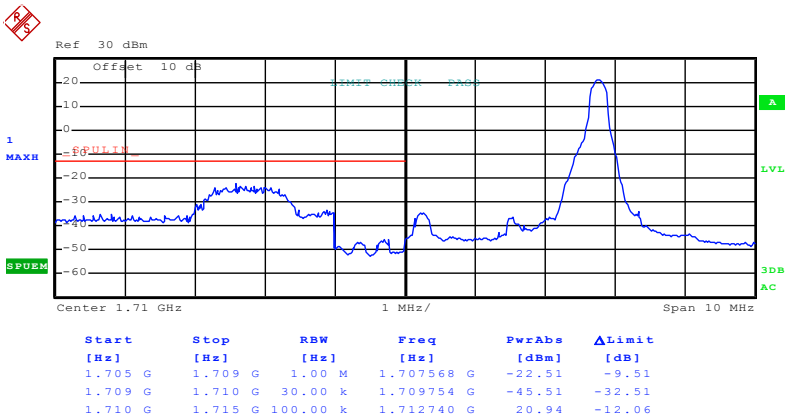


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.750 G	1.755 G	100.00 k	1.752230 G	20.91	-12.09
1.755 G	1.756 G	30.00 k	1.755254 G	-46.04	-33.04
1.756 G	1.760 G	1.00 M	1.757320 G	-21.56	-8.56

Date: 22.OCT.2015 11:47:12

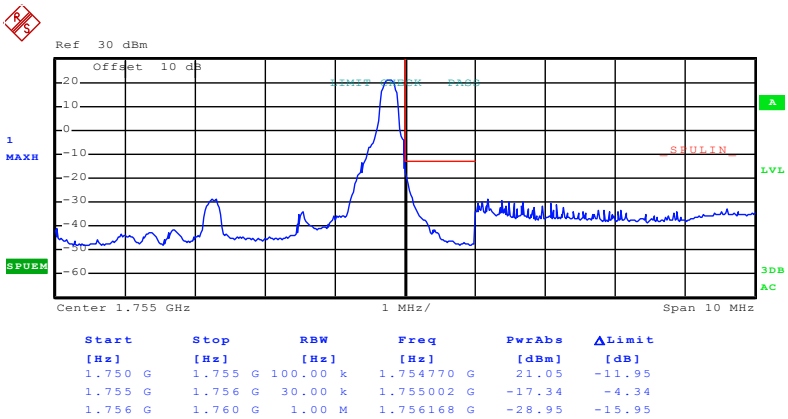
Highest channel

Test Mode:	LTE band 4(QPSK RB Size 1 & RB Offset 14)



Date: 22.OCT.2015 11:42:47

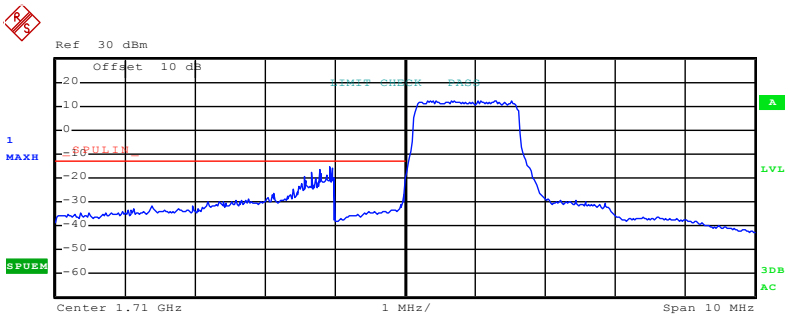
Lowest channel



Date: 22.OCT.2015 11:48:12

Highest channel

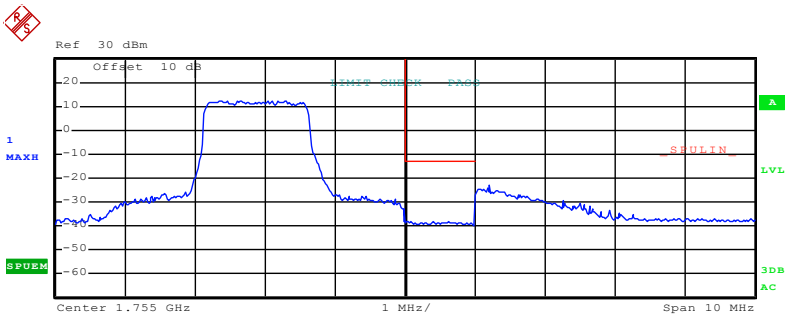
Test Mode:	LTE band 4(QPSK RB Size 8 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.705 G	1.709 G	1.00 M	1.708920 G	-15.59	-2.59
1.709 G	1.710 G	30.00 k	1.709996 G	-26.84	-13.84
1.710 G	1.715 G	100.00 k	1.711290 G	12.38	-20.62

Date: 22.OCT.2015 11:43:11

Lowest channel

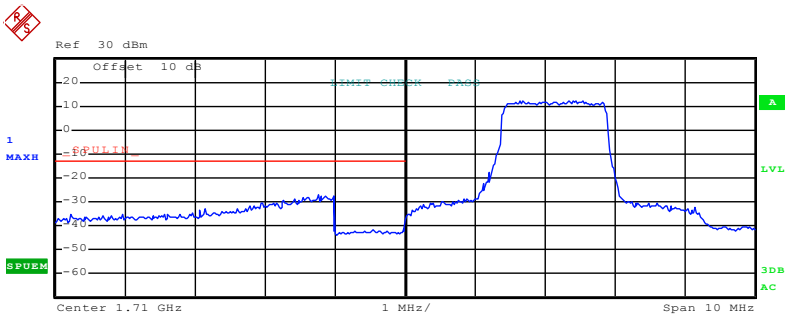


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.750 G	1.755 G	100.00 k	1.753170 G	12.42	-20.58
1.755 G	1.756 G	30.00 k	1.755022 G	-37.33	-24.33
1.756 G	1.760 G	1.00 M	1.756200 G	-23.14	-10.14

Date: 22.OCT.2015 11:48:33

Highest channel

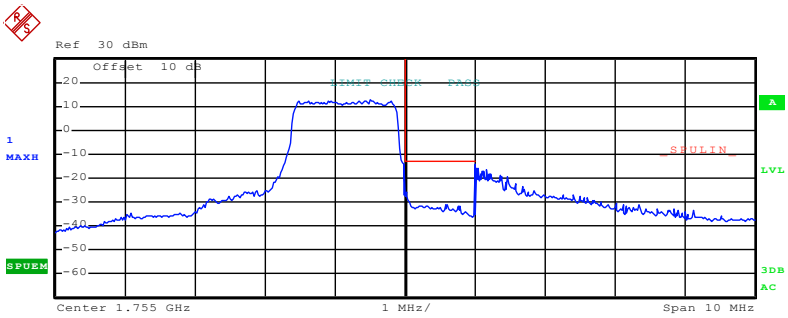
Test Mode:	LTE band 4(QPSK RB Size 8 & RB Offset 7)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.705 G	1.709 G	1.00 M	1.708744 G	-26.75	-13.75
1.709 G	1.710 G	30.00 k	1.709992 G	-41.16	-28.16
1.710 G	1.715 G	100.00 k	1.712430 G	12.26	-20.74

Date: 22.OCT.2015 11:43:56

Lowest channel

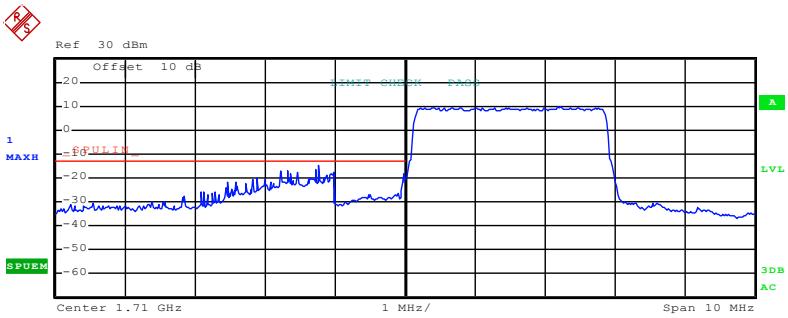


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.750 G	1.755 G	100.00 k	1.754490 G	12.50	-20.50
1.755 G	1.756 G	30.00 k	1.755016 G	-25.87	-12.87
1.756 G	1.760 G	1.00 M	1.756000 G	-14.29	-1.29

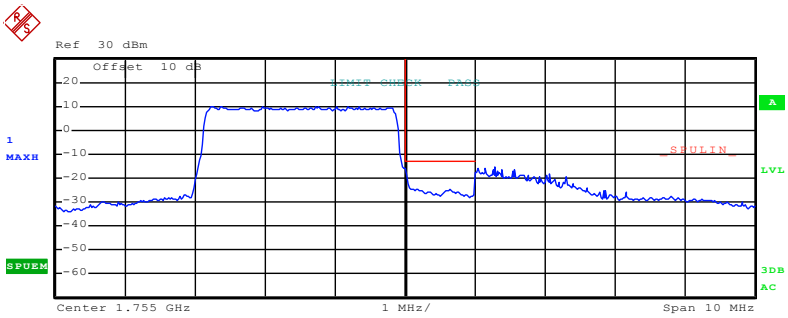
Date: 22.OCT.2015 11:49:27

Highest channel

Test Mode:	LTE band 4(QPSK RB Size 15 & RB Offset 0)

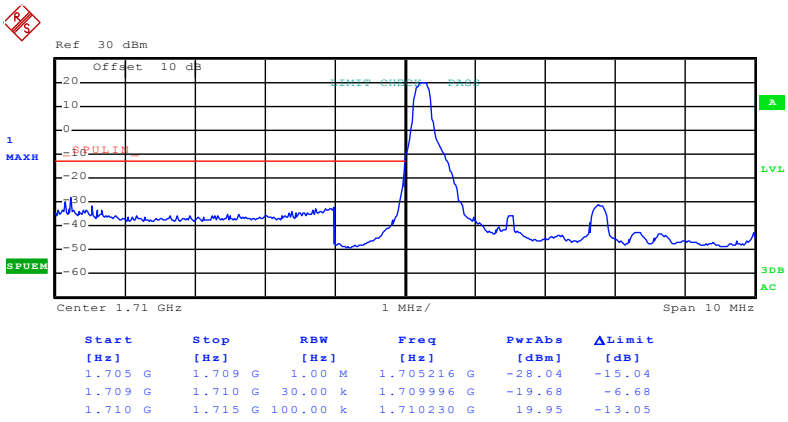


Lowest channel



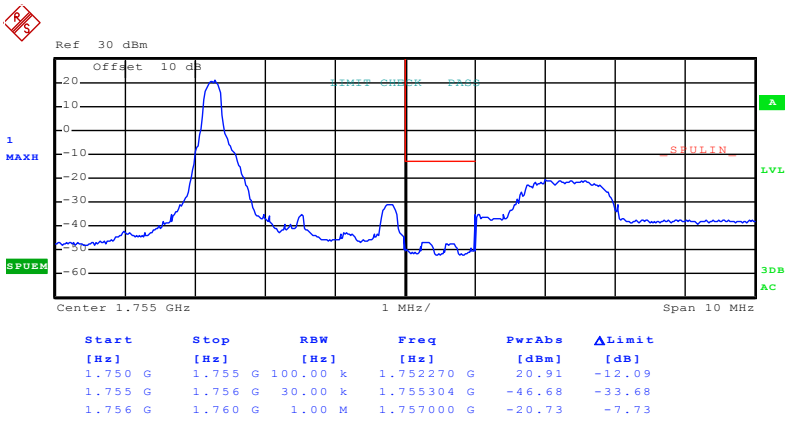
Highest channel

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



Date: 22.OCT.2015 11:42:21

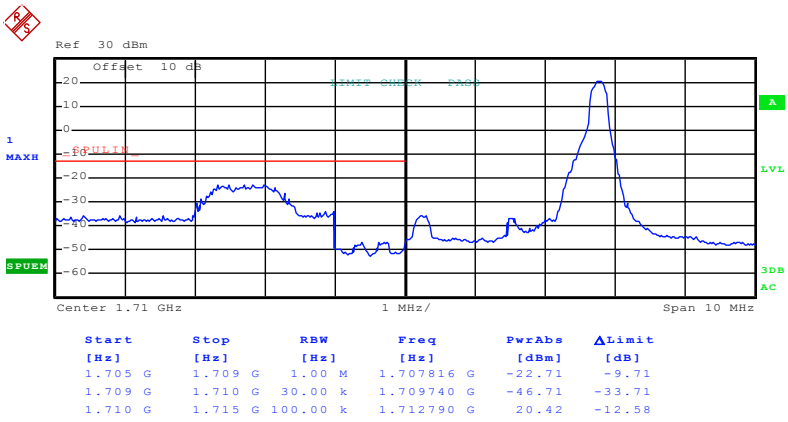
Lowest channel



Date: 22.OCT.2015 11:47:37

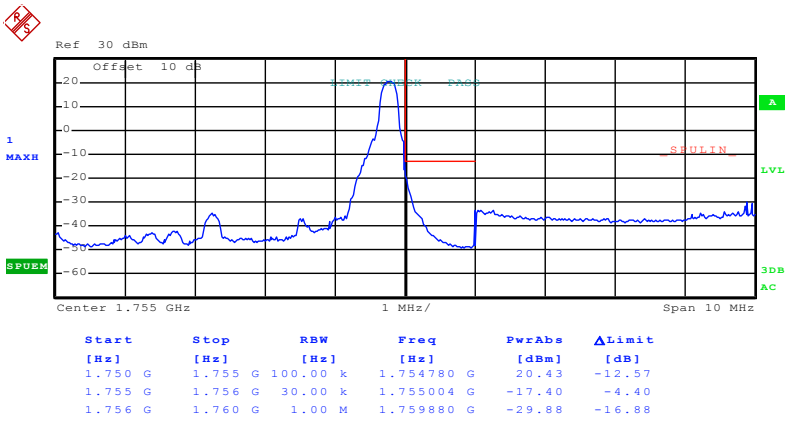
Highest channel

Test Mode:	LTE band 4(16QAM RB Size 1 & RB Offset 14)



Date: 22.OCT.2015 11:42:33

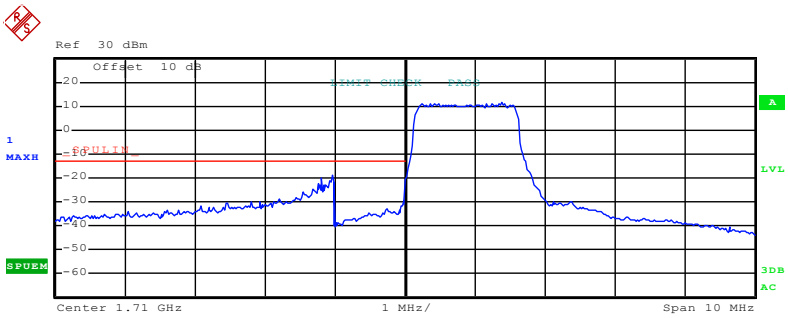
Lowest channel



Date: 22.OCT.2015 11:47:54

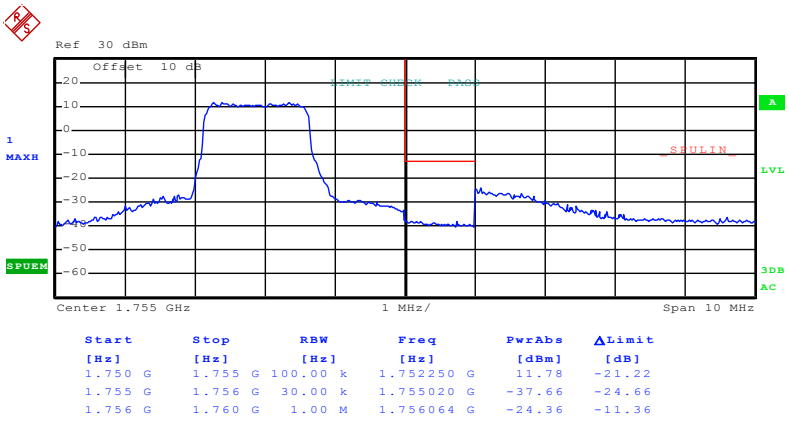
Highest channel

Test Mode:	LTE band 4(16QAM RB Size 8 & RB Offset 0)



Date: 22.OCT.2015 11:43:25

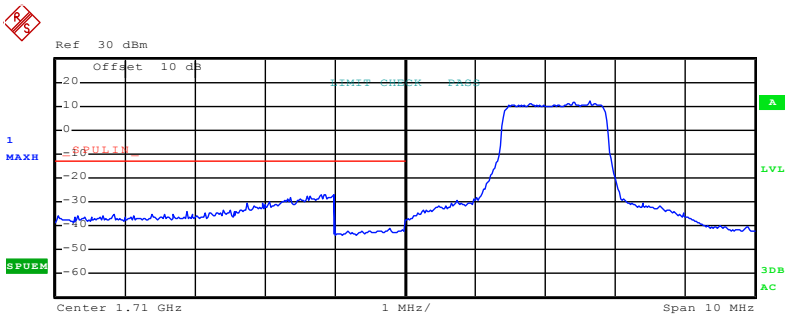
Lowest channel



Date: 22.OCT.2015 11:48:50

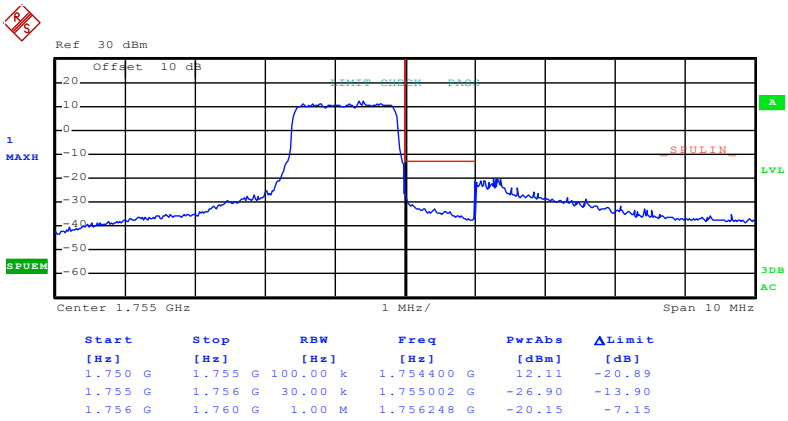
Highest channel

Test Mode:	LTE band 4(16QAM RB Size 8 & RB Offset 7)



Date: 22.OCT.2015 11:43:39

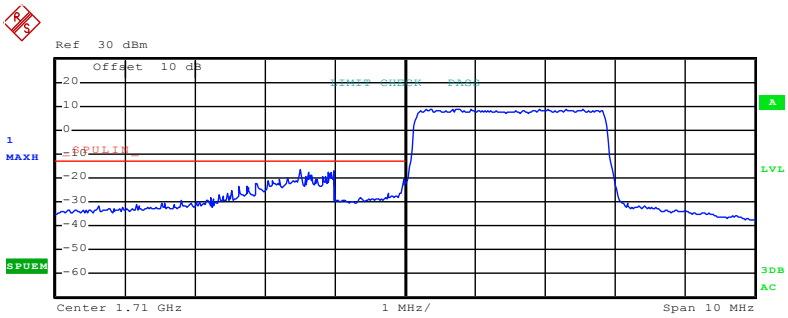
Lowest channel



Date: 22.OCT.2015 11:49:07

Highest channel

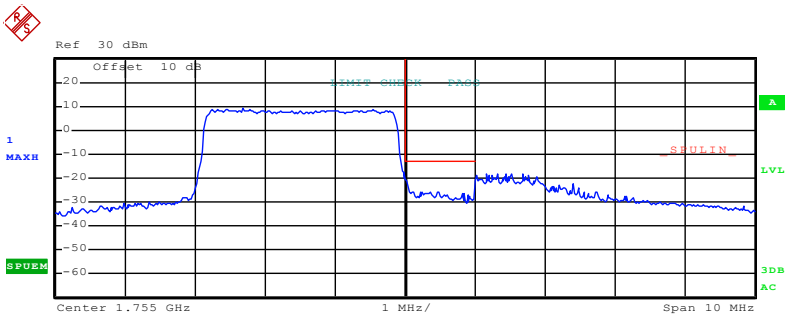
Test Mode:	LTE band 4(16QAM RB Size 15 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.705 G	1.709 G	1.00 M	1.708496 G	-16.55	-3.55
1.709 G	1.710 G	100.00 k	1.709990 G	-20.39	-7.39
1.710 G	1.715 G	100.00 k	1.710680 G	8.83	-24.17

Date: 22.OCT.2015 11:46:34

Lowest channel



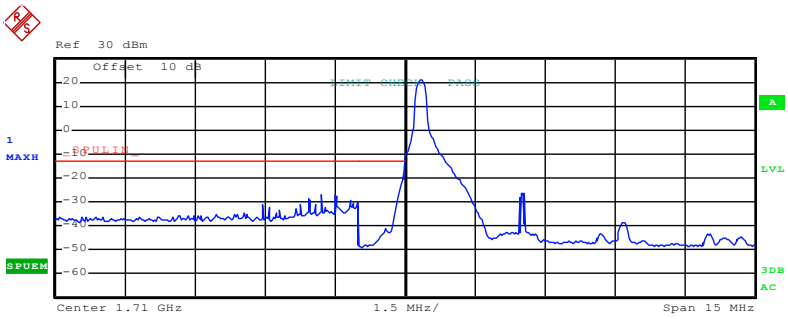
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.750 G	1.755 G	100.00 k	1.752680 G	9.21	-23.79
1.755 G	1.756 G	100.00 k	1.755012 G	-19.61	-6.61
1.756 G	1.760 G	1.00 M	1.756320 G	-18.06	-5.06

Date: 22.OCT.2015 11:50:11

Highest channel

5MHz:

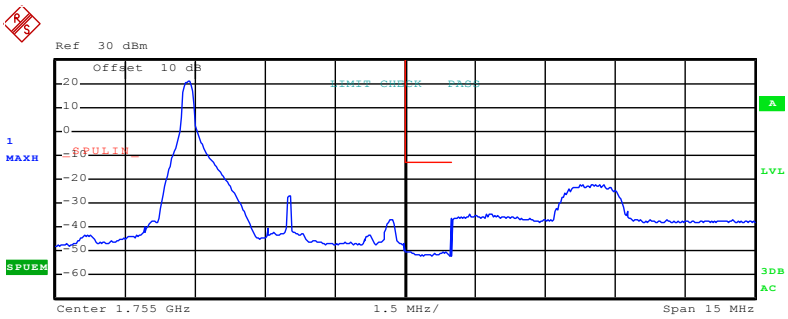
Test Mode:	LTE band 4(QPSK RB Size 1 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.702 G	1.709 G	1.00 M	1.708480 G	-26.76	-13.76
1.709 G	1.710 G	30.00 k	1.709998 G	-18.01	-5.01
1.710 G	1.718 G	100.00 k	1.710330 G	21.07	-11.93

Date: 22.OCT.2015 11:57:06

Lowest channel

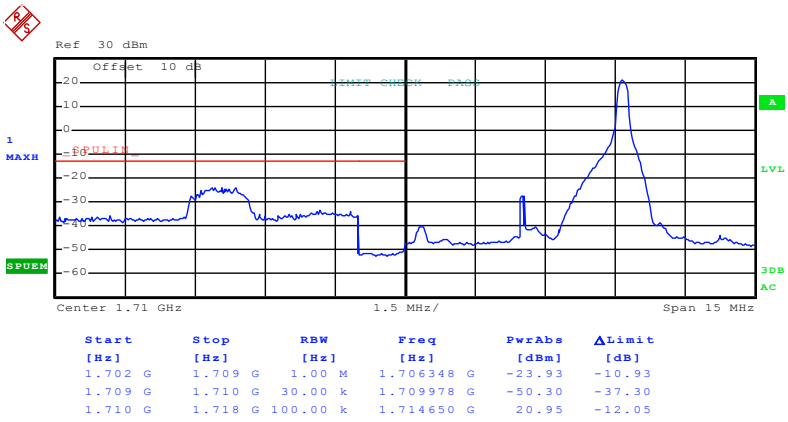


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.748 G	1.755 G	100.00 k	1.750335 G	20.88	-12.12
1.755 G	1.756 G	30.00 k	1.755020 G	-50.15	-37.15
1.756 G	1.763 G	1.00 M	1.759055 G	-22.16	-9.16

Date: 22.OCT.2015 12:01:42

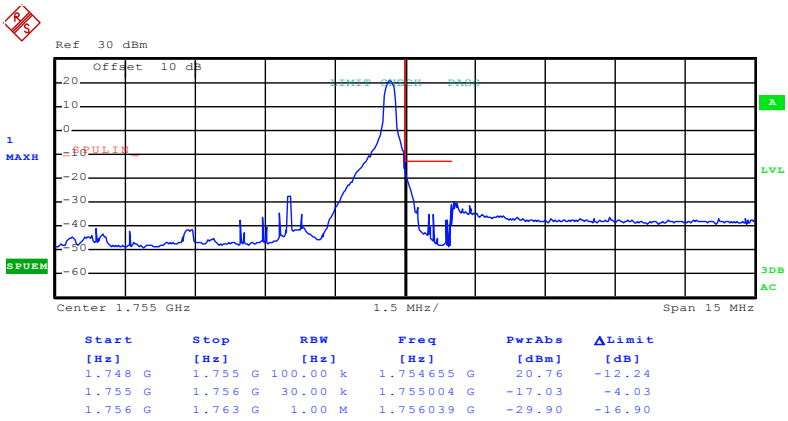
Highest channel

Test Mode:	LTE band 4(QPSK RB Size 1 & RB Offset 24)



Date: 22.OCT.2015 11:57:51

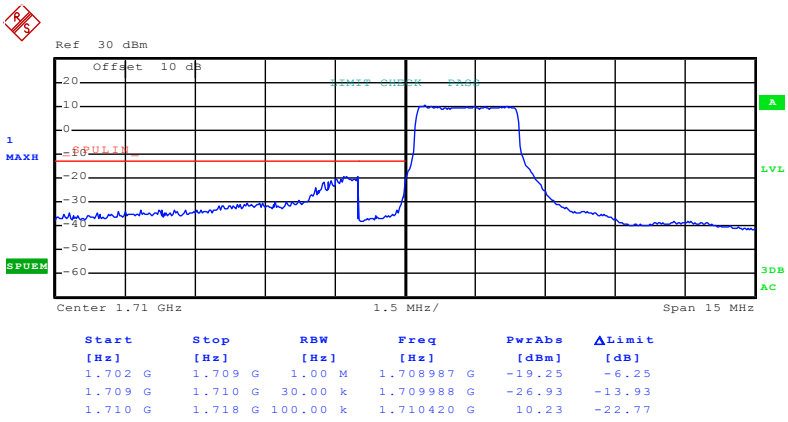
Lowest channel



Date: 22.OCT.2015 12:02:34

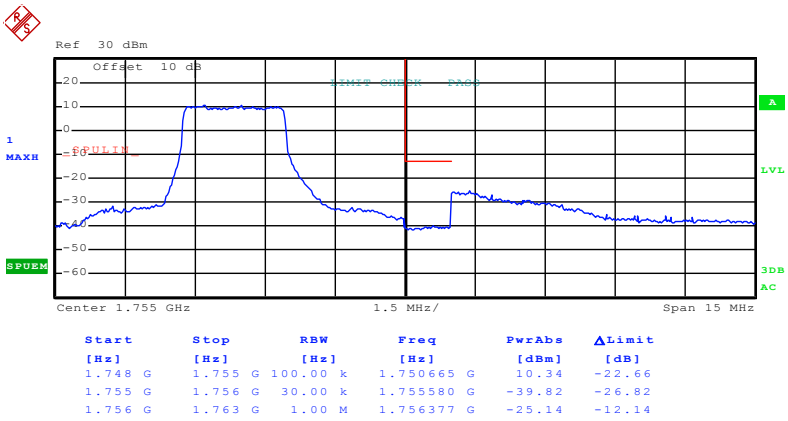
Highest channel

Test Mode:	LTE band 4(QPSK RB Size 12 & RB Offset 0)



Date: 22.OCT.2015 11:58:26

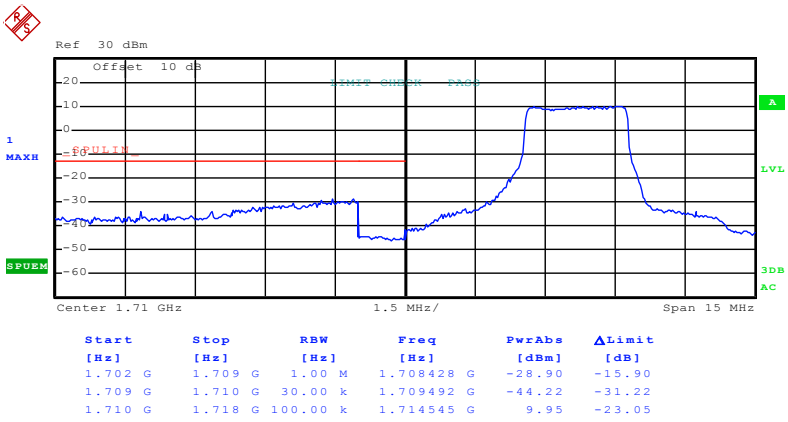
Lowest channel



Date: 22.OCT.2015 12:02:52

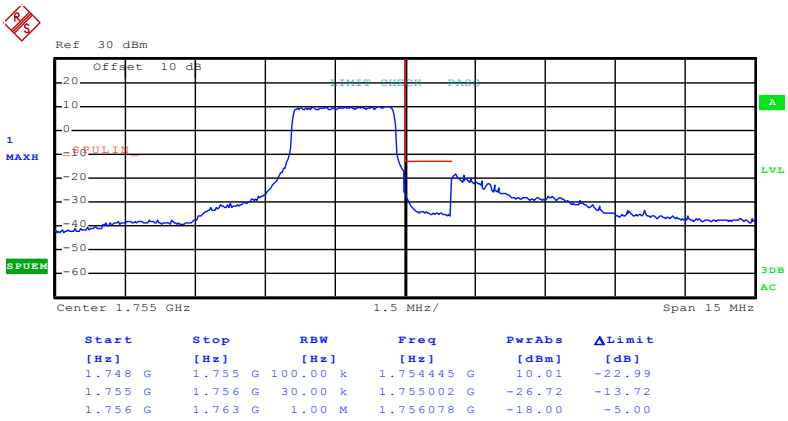
Highest channel

Test Mode:	LTE band 4(QPSK RB Size 12 & RB Offset 11)



Date: 22.OCT.2015 11:59:08

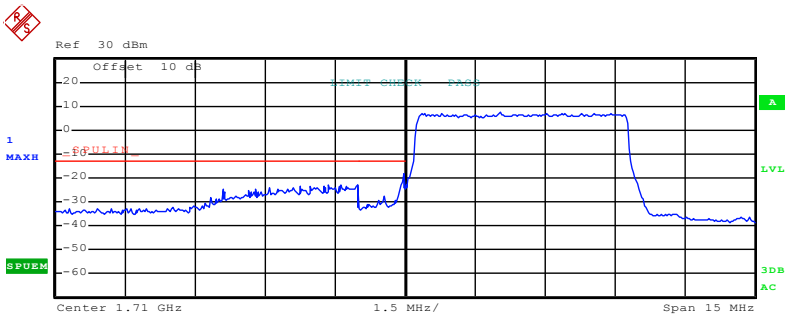
Lowest channel



Date: 22.OCT.2015 12:03:43

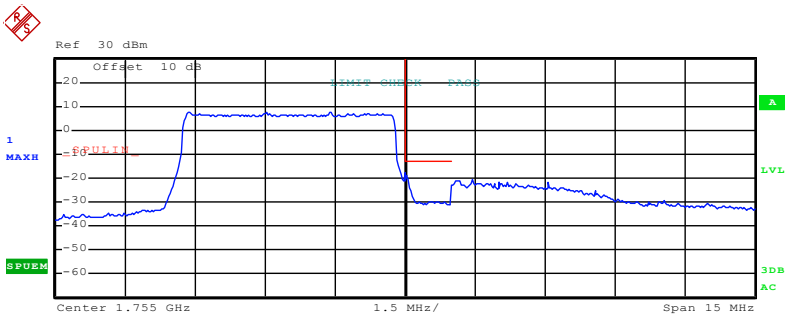
Highest channel

Test Mode:	LTE band 4(QPSK RB Size 25 & RB Offset 0)



Date: 22.OCT.2015 12:00:27

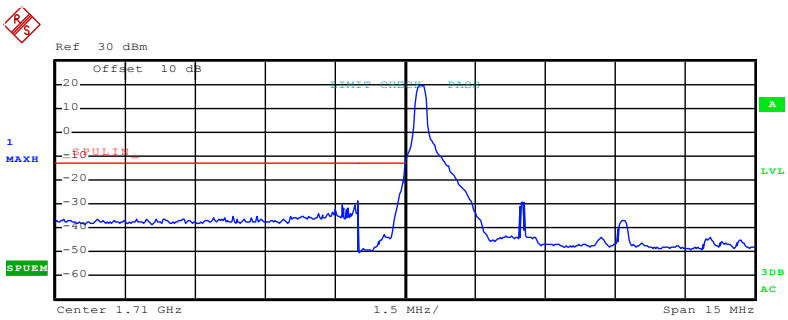
Lowest channel



Date: 22.OCT.2015 12:04:15

Highest channel

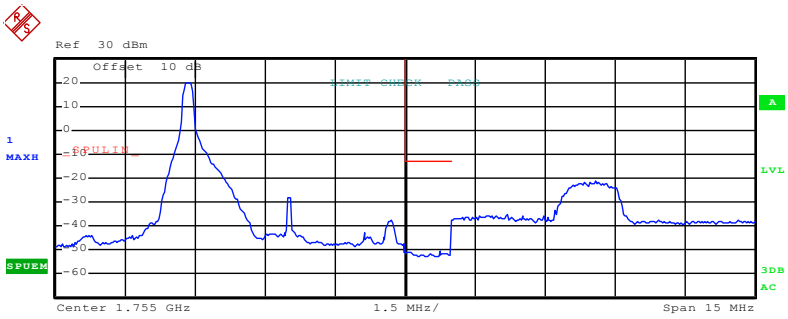
Test Mode:	LTE band 4(16QAM RB Size 1 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.702 G	1.709 G	1.00 M	1.708974 G	-28.77	-15.77
1.709 G	1.710 G	30.00 k	1.709994 G	-19.13	-6.13
1.710 G	1.718 G	100.00 k	1.710375 G	19.68	-13.32

Date: 22.OCT.2015 11:57:20

Lowest channel

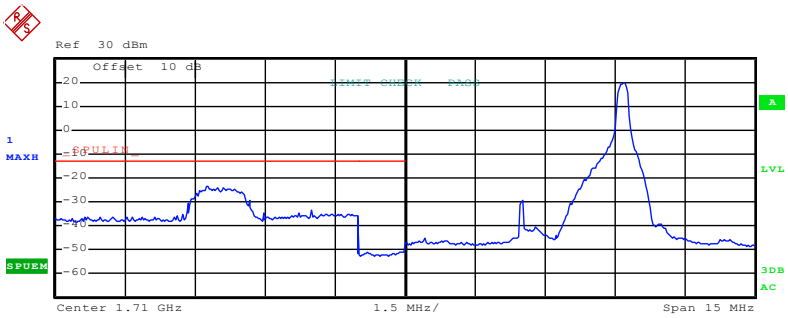


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.748 G	1.755 G	100.00 k	1.750365 G	19.96	-13.04
1.755 G	1.756 G	30.00 k	1.755762 G	-50.63	-37.63
1.756 G	1.763 G	1.00 M	1.759068 G	-21.29	-8.29

Date: 22.OCT.2015 12:01:56

Highest channel

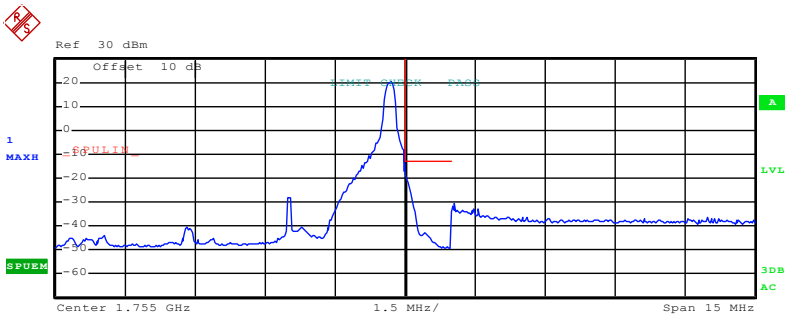
Test Mode:	LTE band 4(16QAM RB Size 1 & RB Offset 24)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.702 G	1.709 G	1.00 M	1.705750 G	-23.69	-10.69
1.709 G	1.710 G	30.00 k	1.709884 G	-50.62	-37.62
1.710 G	1.718 G	100.00 k	1.714695 G	19.94	-13.06

Date: 22.OCT.2015 11:57:35

Lowest channel

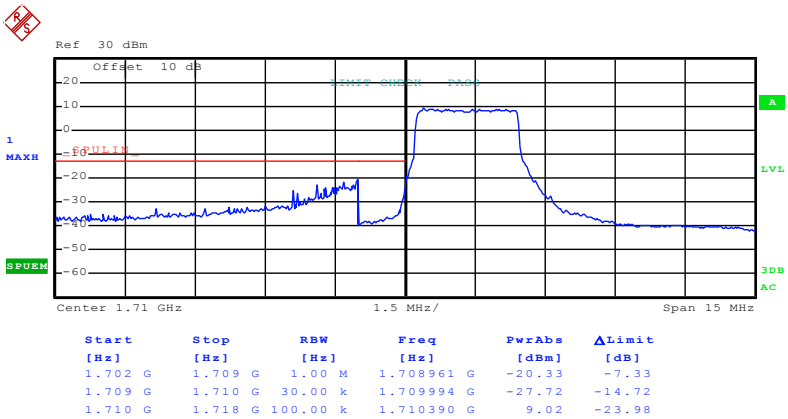


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.748 G	1.755 G	100.00 k	1.754685 G	20.44	-12.56
1.755 G	1.756 G	30.00 k	1.755002 G	-17.85	-4.85
1.756 G	1.763 G	1.00 M	1.756026 G	-30.80	-17.80

Date: 22.OCT.2015 12:02:10

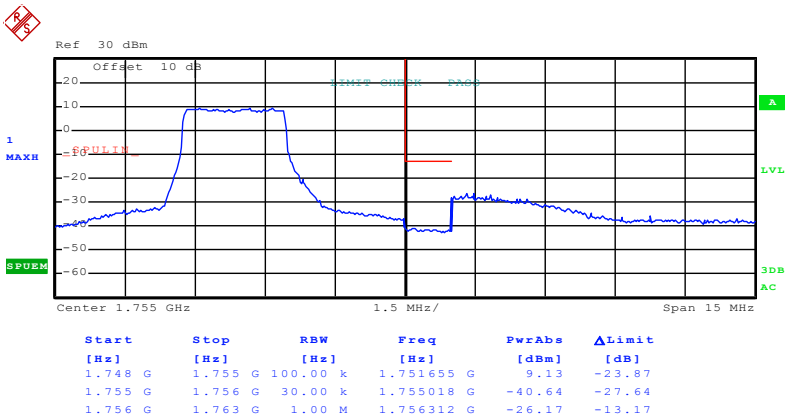
Highest channel

Test Mode:	LTE band 4(16QAM RB Size 12 & RB Offset 0)



Date: 22.OCT.2015 11:58:41

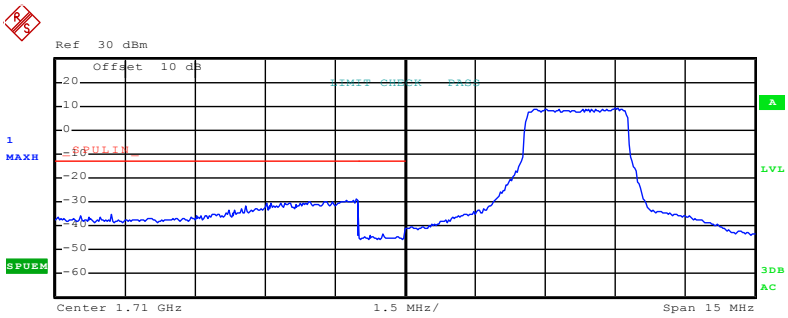
Lowest channel



Date: 22.OCT.2015 12:03:07

Highest channel

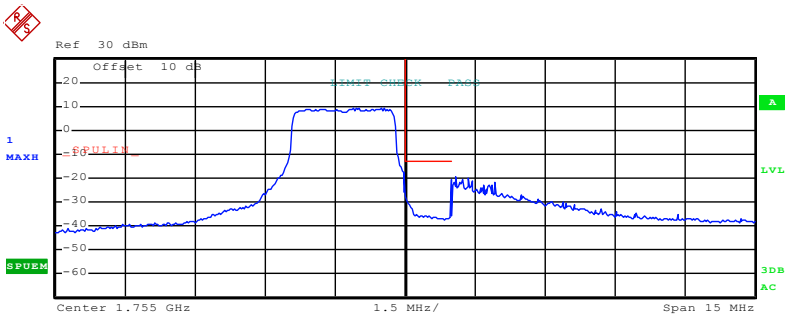
Test Mode:	LTE band 4(16QAM RB Size 12 & RB Offset 11)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.702 G	1.709 G	1.00 M	1.708935 G	-28.98	-15.98
1.709 G	1.710 G	30.00 k	1.709516 G	-43.62	-30.62
1.710 G	1.718 G	100.00 k	1.714545 G	9.39	-23.61

Date: 22.OCT.2015 11:58:54

Lowest channel

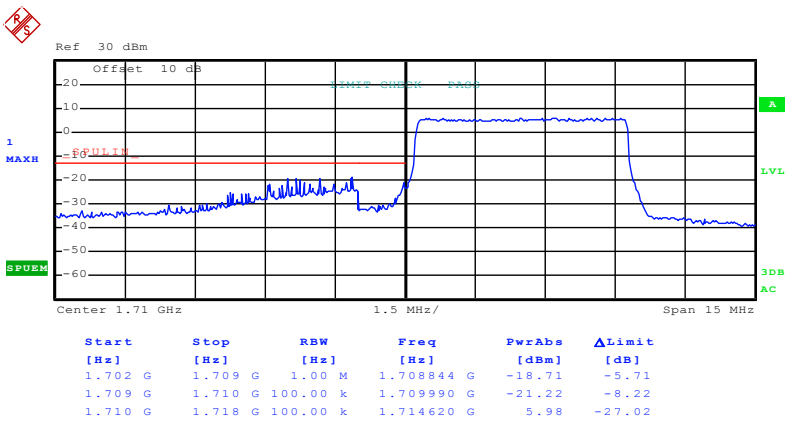


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.748 G	1.755 G	100.00 k	1.753995 G	9.35	-23.65
1.755 G	1.756 G	30.00 k	1.755006 G	-27.37	-14.37
1.756 G	1.763 G	1.00 M	1.756065 G	-19.63	-6.63

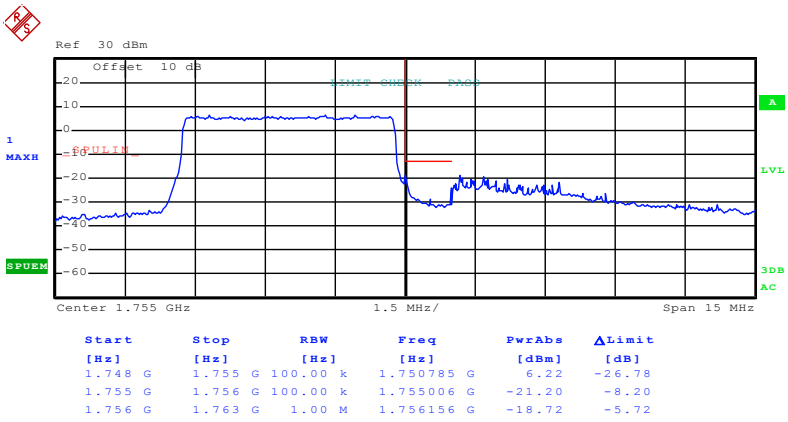
Date: 22.OCT.2015 12:03:21

Highest channel

Test Mode:	LTE band 4(16QAM RB Size 25 & RB Offset 0)



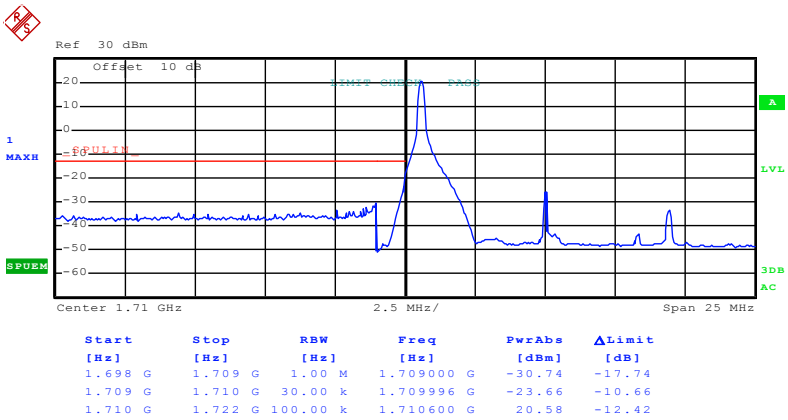
Lowest channel



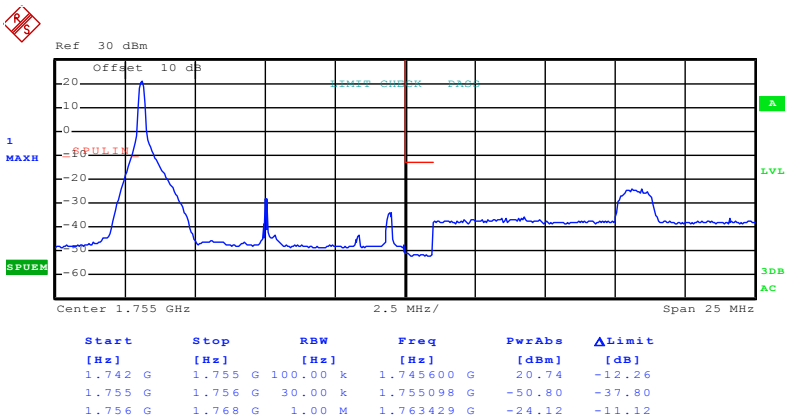
Highest channel

10MHz:

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

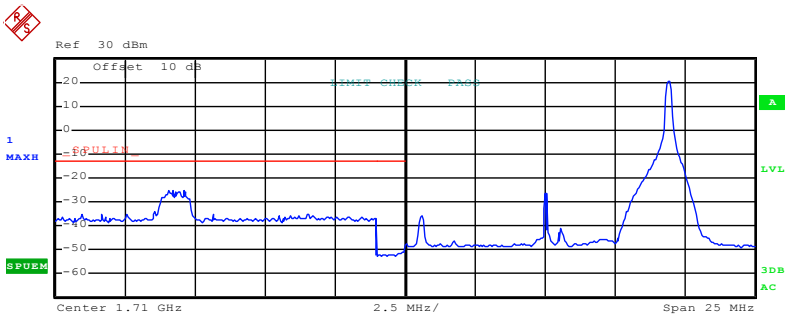


Lowest channel



Highest channel

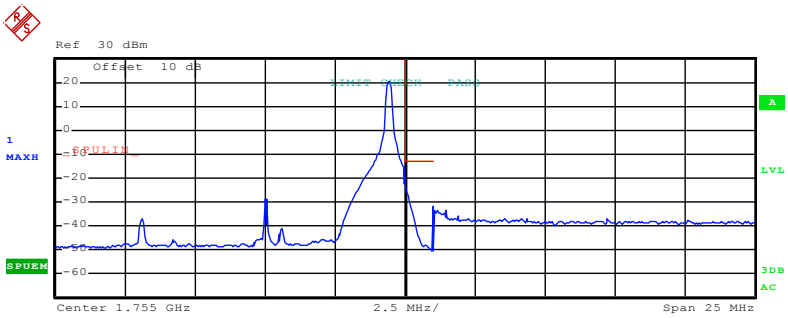
Test Mode:	LTE band 4(QPSK RB Size 1 & RB Offset 49)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.698 G	1.709 G	1.00 M	1.701686 G	-25.40	-12.40
1.709 G	1.710 G	30.00 k	1.709946 G	-51.07	-38.07
1.710 G	1.722 G	100.00 k	1.719425 G	20.57	-12.43

Date: 22.OCT.2015 12:08:51

Lowest channel

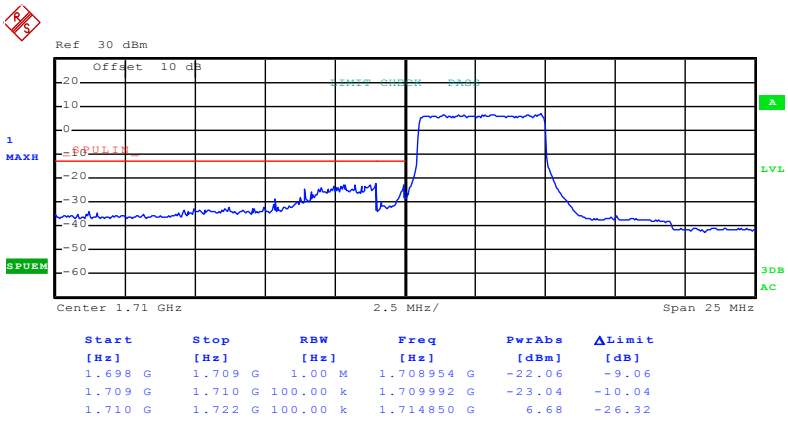


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.742 G	1.755 G	100.00 k	1.754425 G	20.52	-12.48
1.755 G	1.756 G	30.00 k	1.755020 G	-23.25	-10.25
1.756 G	1.768 G	1.00 M	1.756000 G	-31.93	-18.93

Date: 22.OCT.2015 12:13:02

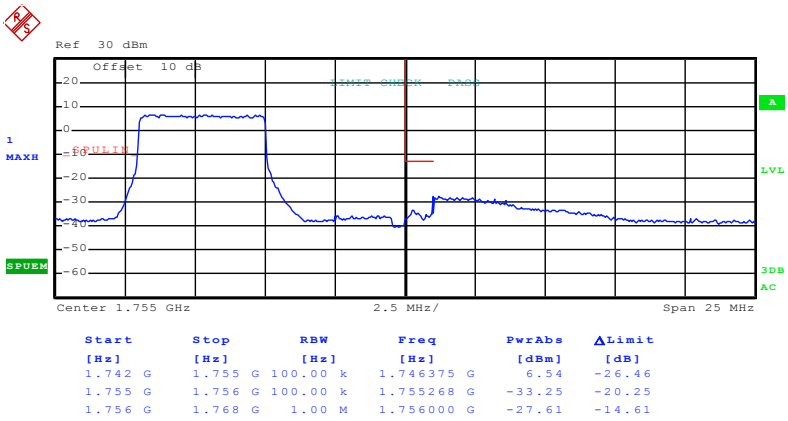
Highest channel

Test Mode:	LTE band 4(QPSK RB Size 25 & RB Offset 0)



Date: 22.OCT.2015 12:09:34

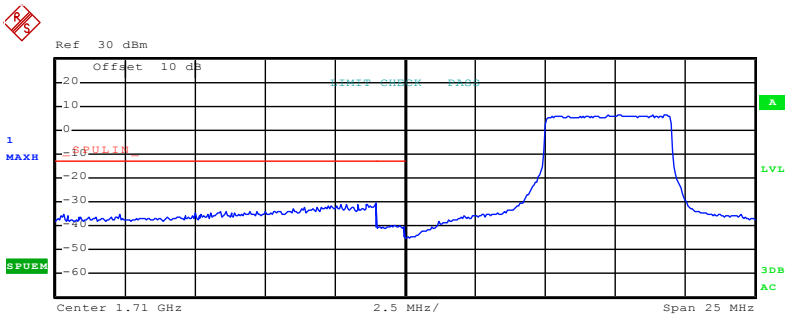
Lowest channel



Date: 22.OCT.2015 12:13:34

Highest channel

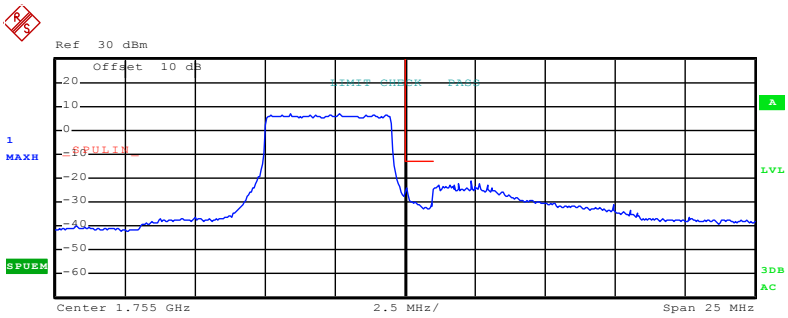
Test Mode:	LTE band 4(QPSK RB Size 25 & RB Offset 24)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.698 G	1.709 G	1.00 M	1.708931 G	-30.49	-17.49
1.709 G	1.710 G	100.00 k	1.709830 G	-38.76	-25.76
1.710 G	1.722 G	100.00 k	1.717650 G	6.60	-26.40

Date: 22.OCT.2015 12:10:29

Lowest channel

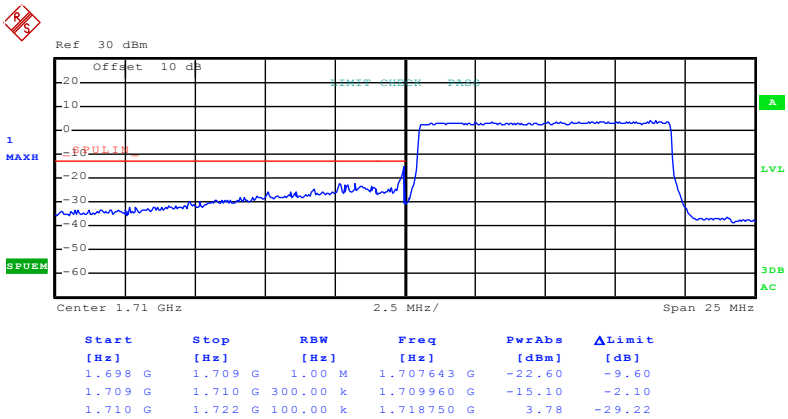


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.742 G	1.755 G	100.00 k	1.752625 G	6.71	-26.29
1.755 G	1.756 G	100.00 k	1.755036 G	-23.99	-10.99
1.756 G	1.768 G	1.00 M	1.757311 G	-21.29	-8.29

Date: 22.OCT.2015 12:14:18

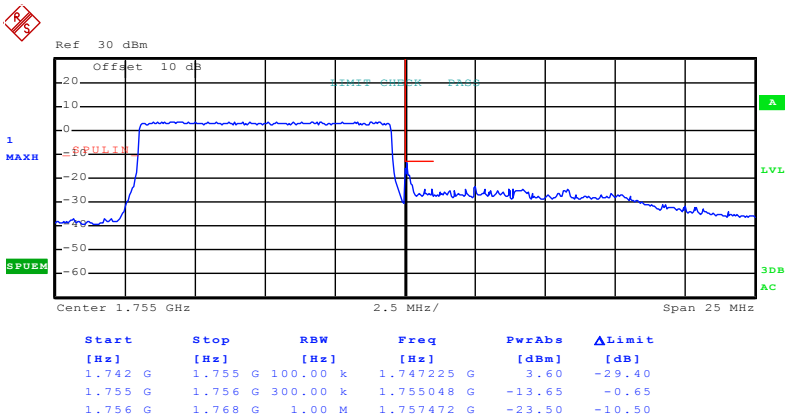
Highest channel

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



Date: 22.OCT.2015 12:10:59

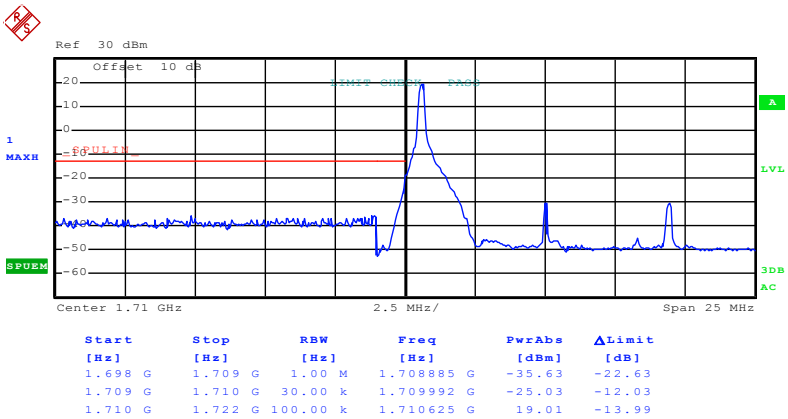
Lowest channel



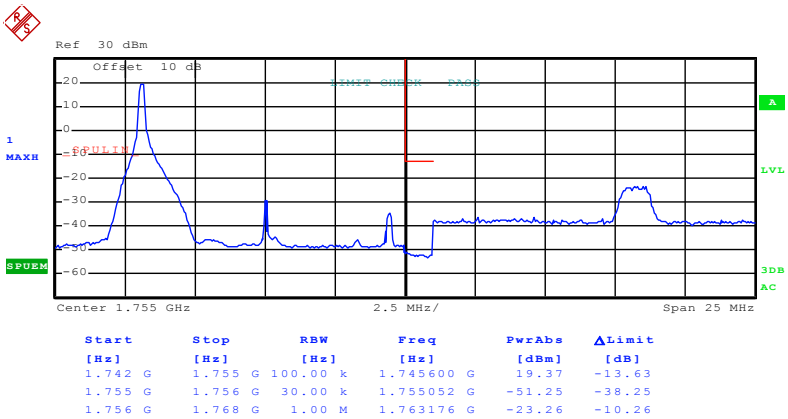
Date: 22.OCT.2015 12:14:41

Highest channel

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

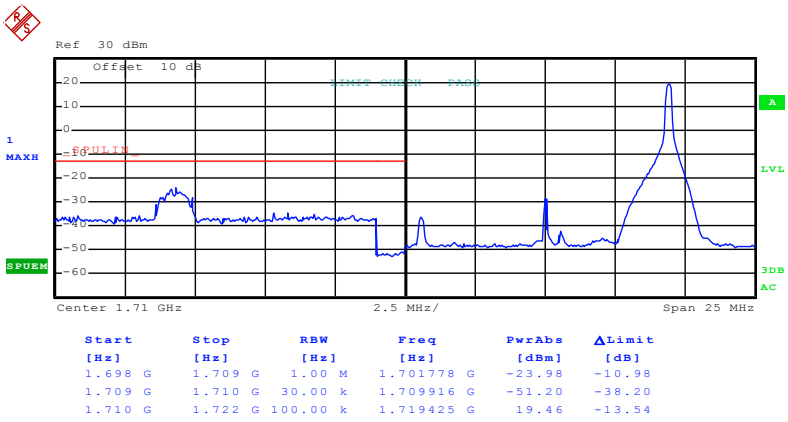


Lowest channel



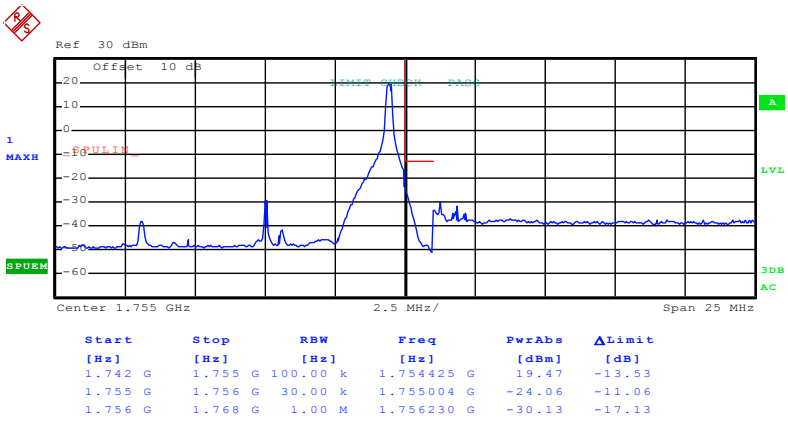
Highest channel

Test Mode:	LTE band 4(16QAM RB Size 1 & RB Offset 49)



Date: 22.OCT.2015 12:08:33

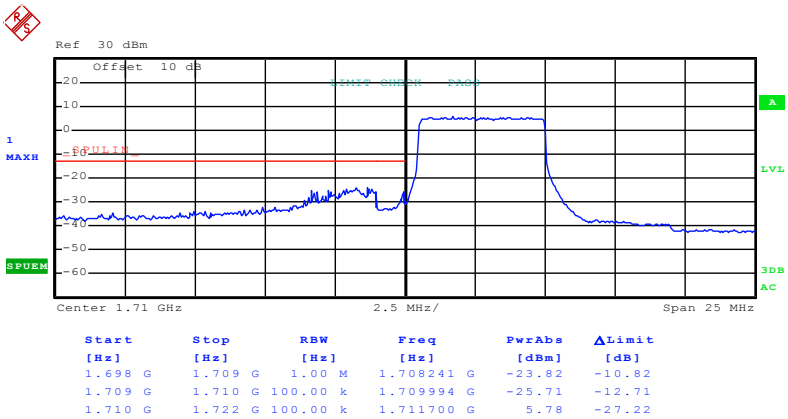
Lowest channel



Date: 22.OCT.2015 12:12:50

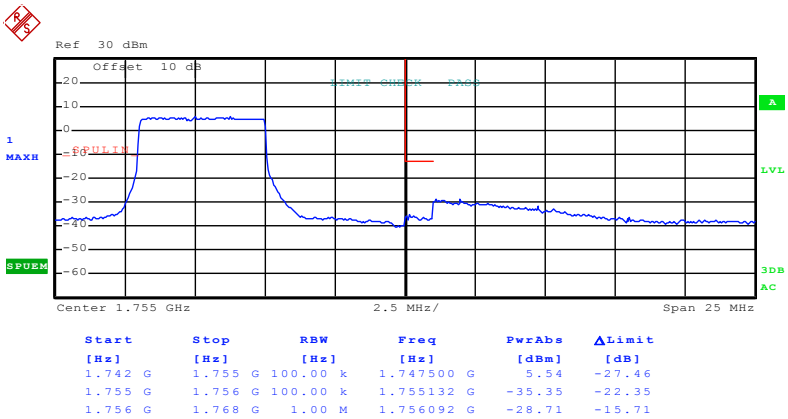
Highest channel

Test Mode:	LTE band 4(16QAM RB Size 25 & RB Offset 0)



Date: 22.OCT.2015 12:09:49

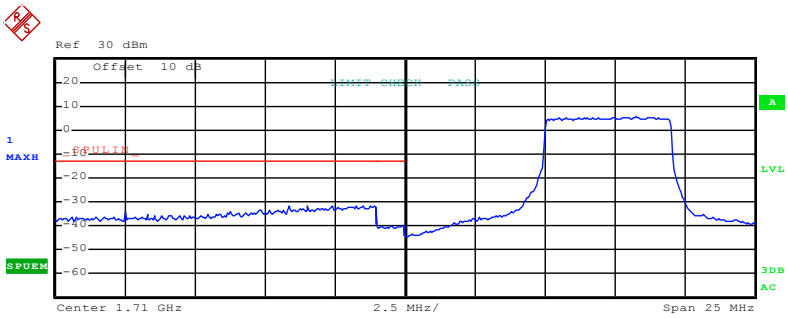
Lowest channel



Date: 22.OCT.2015 12:13:50

Highest channel

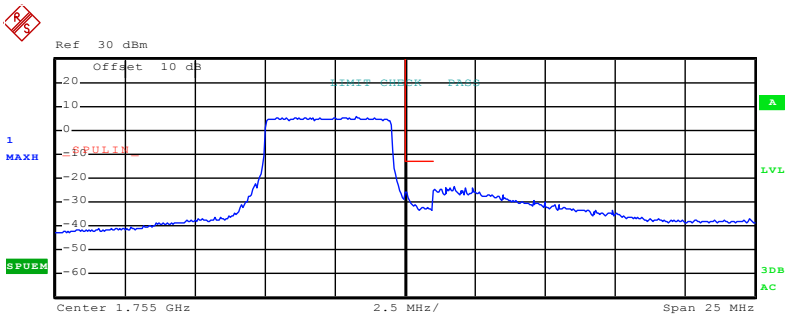
Test Mode:	LTE band 4(16QAM RB Size 25 & RB Offset 24)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.698 G	1.709 G	1.00 M	1.708218 G	-31.57	-18.57
1.709 G	1.710 G	100.00 k	1.709902 G	-39.64	-26.64
1.710 G	1.722 G	100.00 k	1.718250 G	5.48	-27.52

Date: 22.OCT.2015 12:10:10

Lowest channel

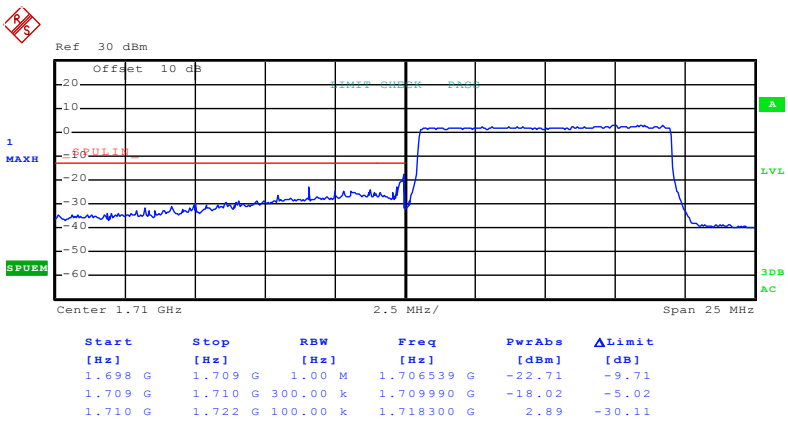


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.742 G	1.755 G	100.00 k	1.753225 G	5.66	-27.34
1.755 G	1.756 G	100.00 k	1.755006 G	-25.77	-12.77
1.756 G	1.768 G	1.00 M	1.756713 G	-23.72	-10.72

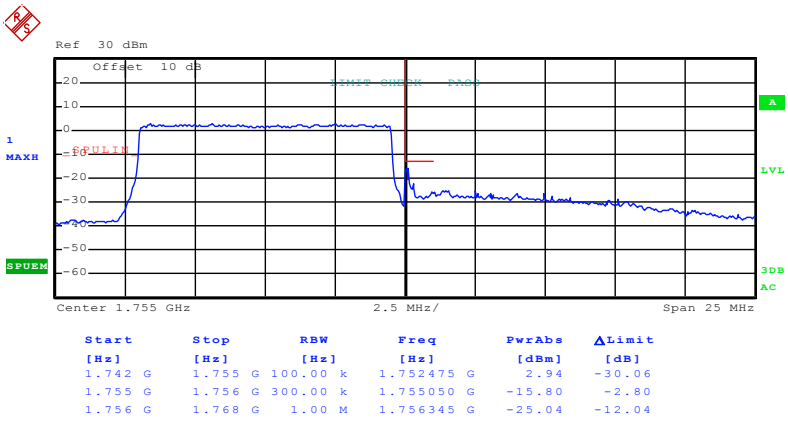
Date: 22.OCT.2015 12:14:02

Highest channel

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



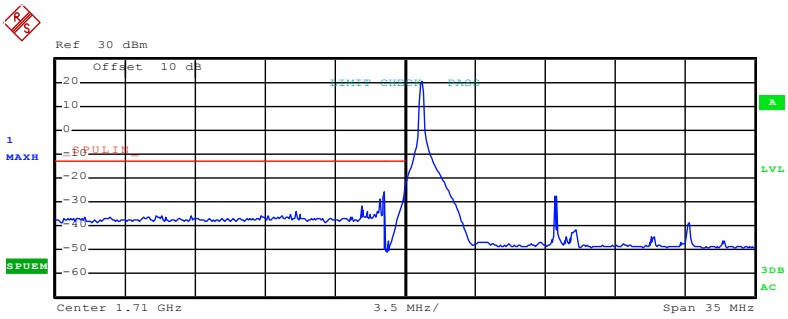
Lowest channel



Highest channel

15MHz:

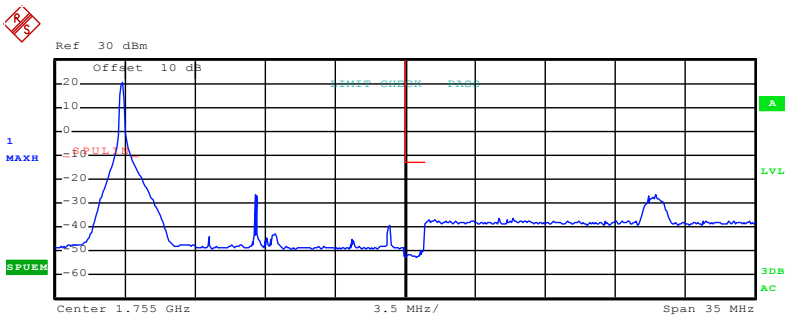
Test Mode:	LTE band 4(QPSK RB Size 1 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.692 G	1.709 G	1.00 M	1.708967 G	-25.58	-12.58
1.709 G	1.710 G	30.00 k	1.709984 G	-27.42	-14.42
1.710 G	1.728 G	100.00 k	1.710840 G	20.40	-12.60

Date: 22.OCT.2015 12:18:35

Lowest channel

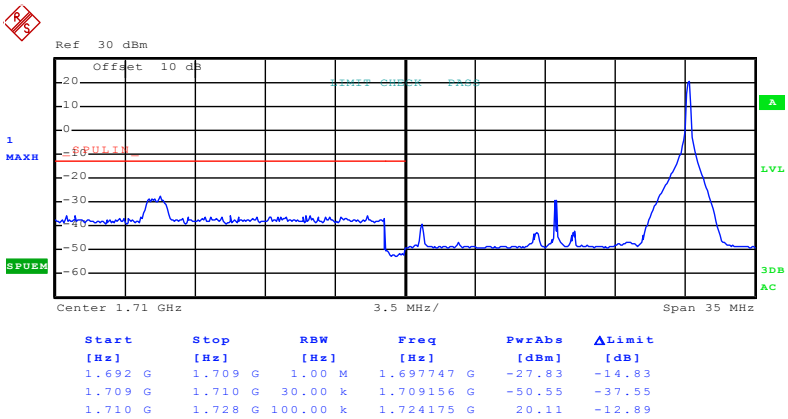


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.738 G	1.755 G	100.00 k	1.740825 G	20.20	-12.80
1.755 G	1.756 G	30.00 k	1.755874 G	-49.66	-36.66
1.756 G	1.773 G	1.00 M	1.767517 G	-26.21	-13.21

Date: 22.OCT.2015 12:22:40

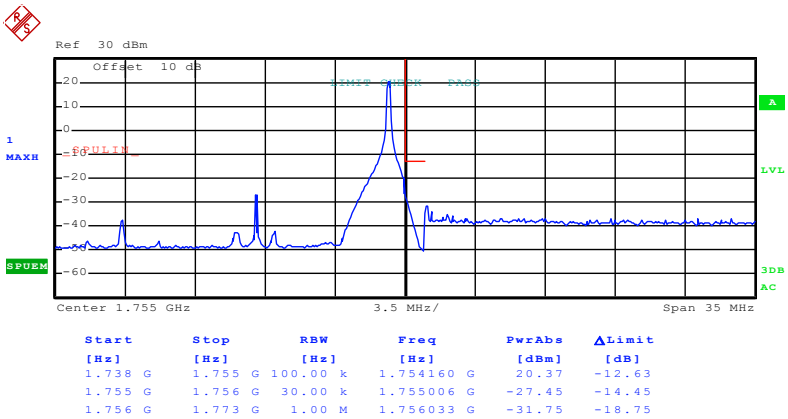
Highest channel

Test Mode:	LTE band 4(QPSK RB Size 1 & RB Offset 74)



Date: 22.OCT.2015 12:19:22

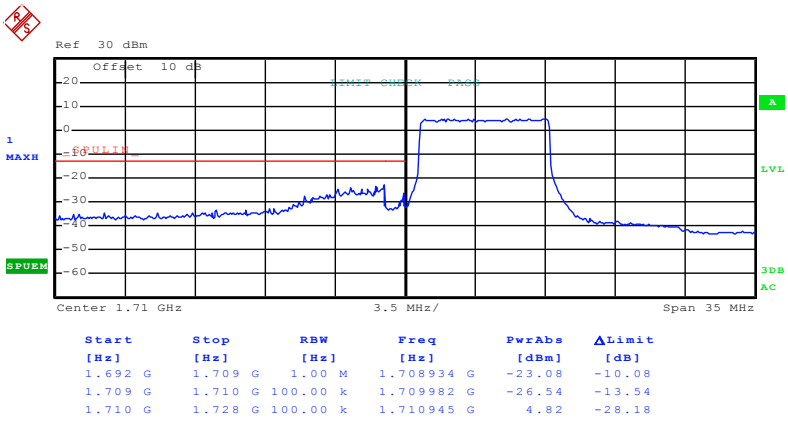
Lowest channel



Date: 22.OCT.2015 12:23:20

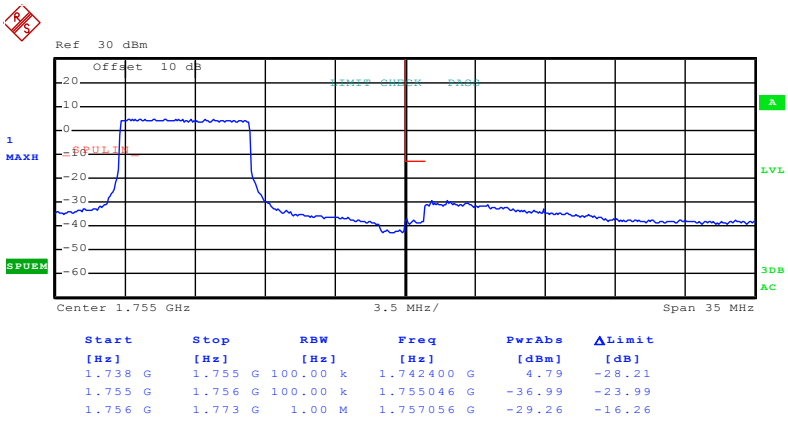
Highest channel

Test Mode:	LTE band 4(QPSK RB Size 36 & RB Offset 0)



Date: 22.OCT.2015 12:20:06

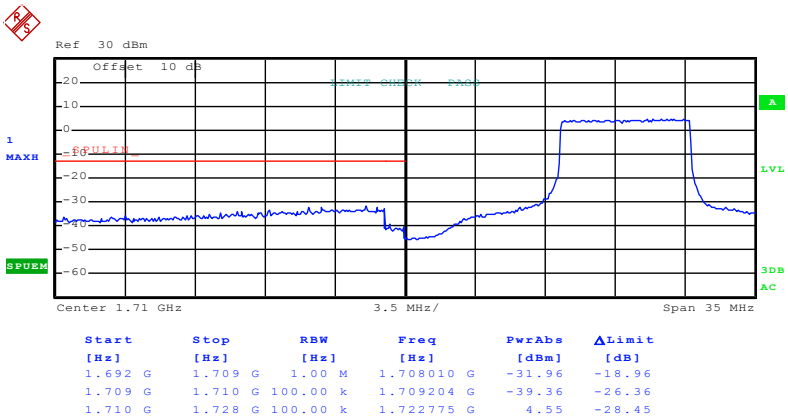
Lowest channel



Date: 22.OCT.2015 12:23:46

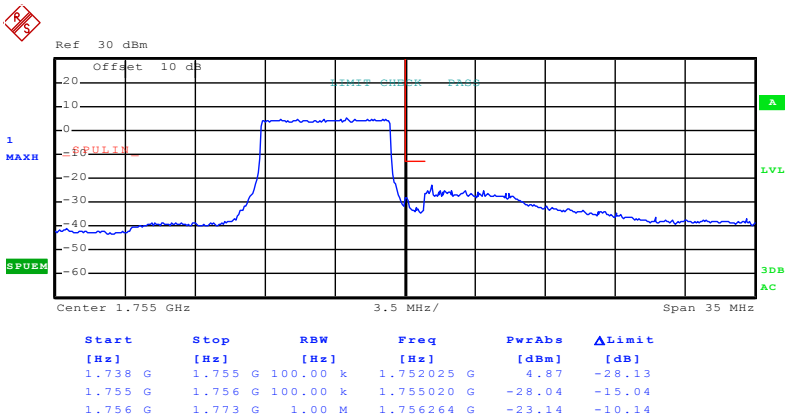
Highest channel

Test Mode:	LTE band 4(QPSK RB Size 36 & RB Offset 35)



Date: 22.OCT.2015 12:20:52

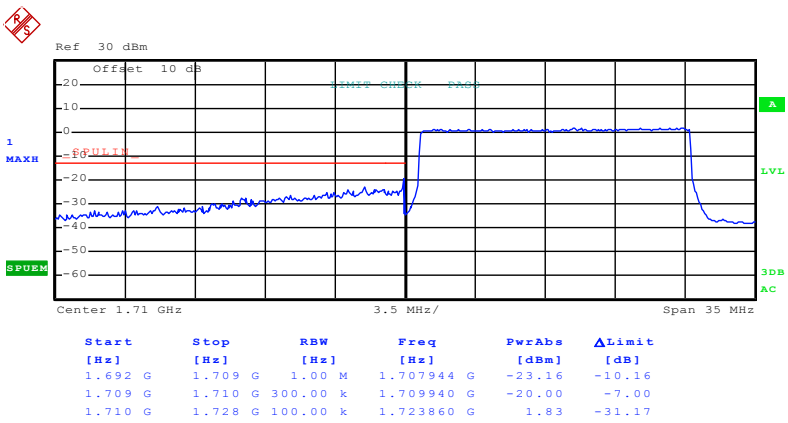
Lowest channel



Date: 22.OCT.2015 12:24:30

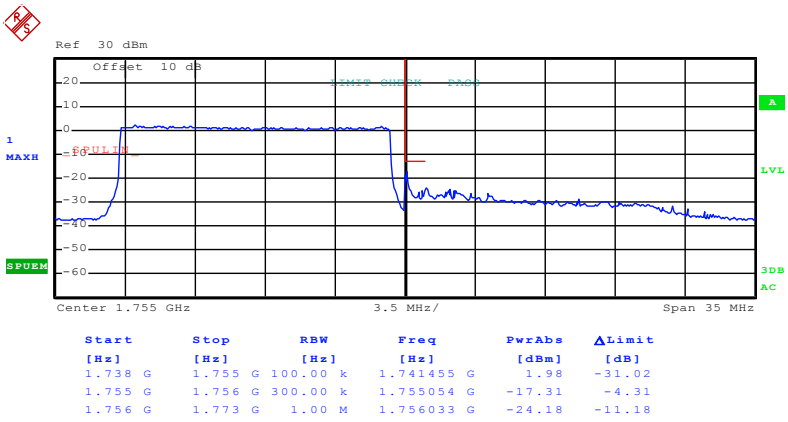
Highest channel

Test Mode:	LTE band 4(QPSK RB Size 75 & RB Offset 0)



Date: 22.OCT.2015 12:22:00

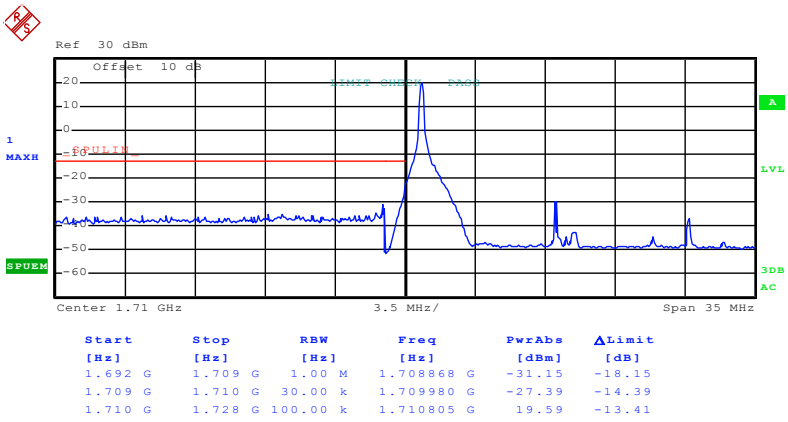
Lowest channel



Date: 22.OCT.2015 12:25:29

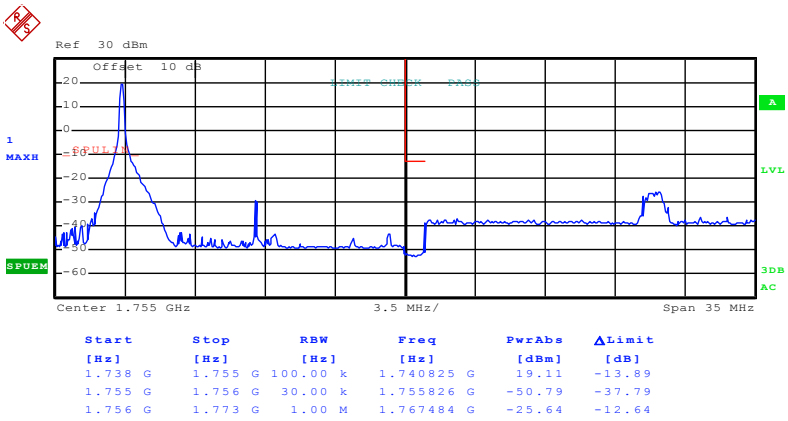
Highest channel

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



Date: 22.OCT.2015 12:18:50

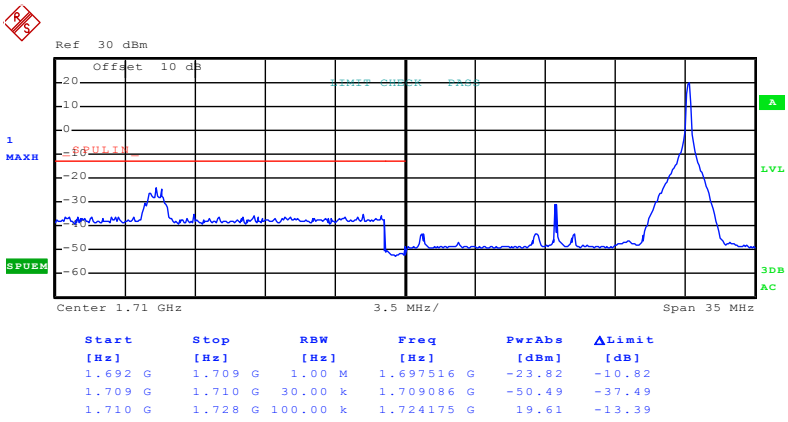
Lowest channel



Date: 22.OCT.2015 12:22:53

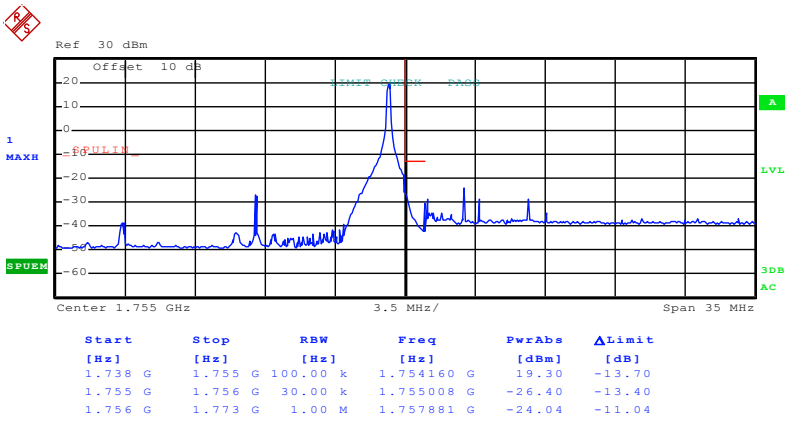
Highest channel

Test Mode:	LTE band 4(16QAM RB Size 1 & RB Offset 74)



Date: 22.OCT.2015 12:19:08

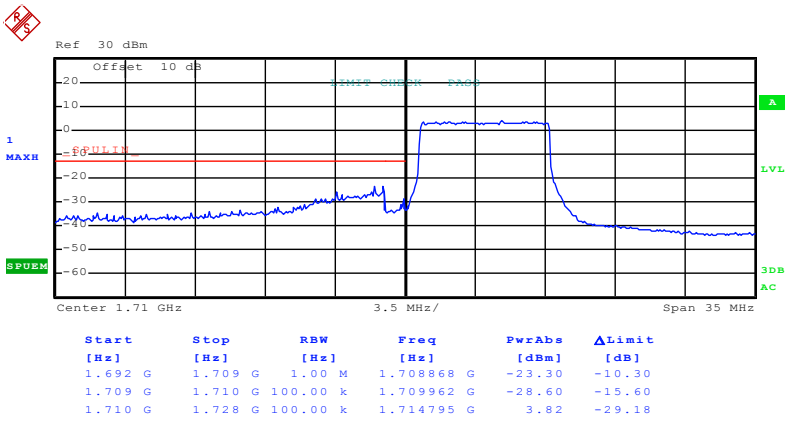
Lowest channel



Date: 22.OCT.2015 12:23:08

Highest channel

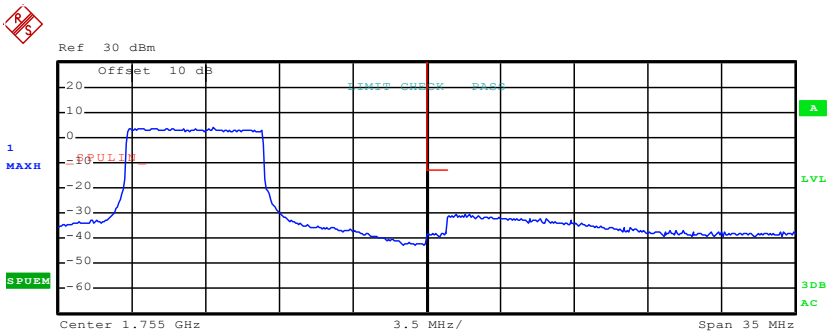
Test Mode:	LTE band 4(16QAM RB Size 36 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.692 G	1.709 G	1.00 M	1.708868 G	-23.30	-10.30
1.709 G	1.710 G	100.00 k	1.709962 G	-28.60	-15.60
1.710 G	1.728 G	100.00 k	1.714795 G	3.82	-29.18

Date: 22.OCT.2015 12:20:20

Lowest channel

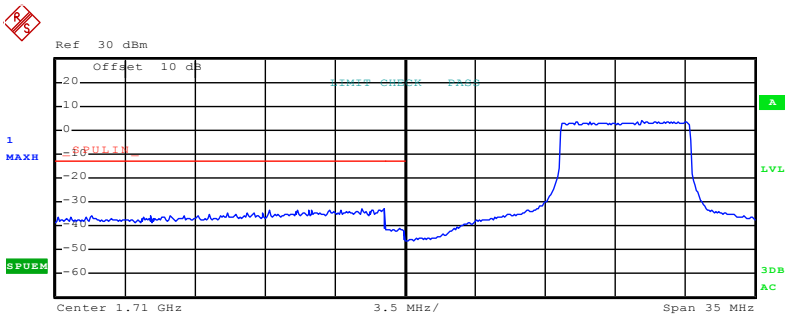


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.738 G	1.755 G	100.00 k	1.744815 G	3.71	-29.29
1.755 G	1.756 G	100.00 k	1.755972 G	-37.37	-24.37
1.756 G	1.773 G	1.00 M	1.756396 G	-30.32	-17.32

Date: 22.OCT.2015 12:24:00

Highest channel

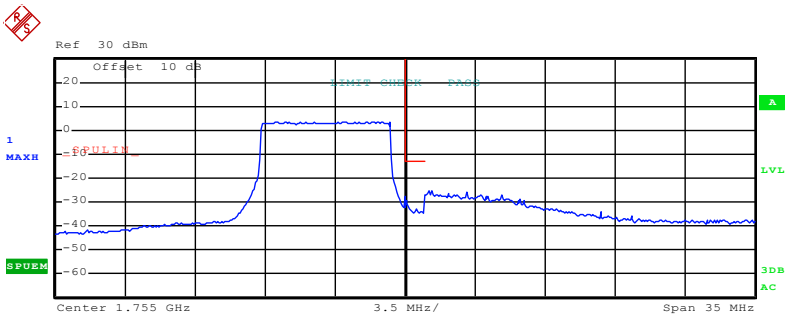
Test Mode:	LTE band 4(16QAM RB Size 36 & RB Offset 35)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.692 G	1.709 G	1.00 M	1.707779 G	-32.64	-19.64
1.709 G	1.710 G	100.00 k	1.709880 G	-40.74	-27.74
1.710 G	1.728 G	100.00 k	1.721830 G	3.71	-29.29

Date: 22.OCT.2015 12:20:34

Lowest channel

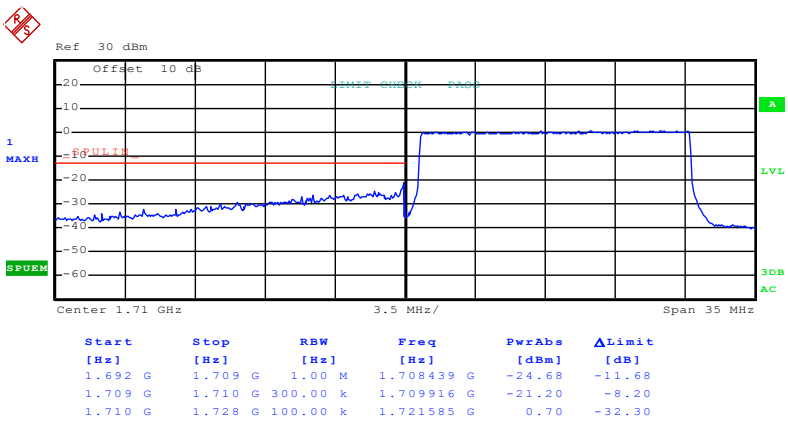


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.738 G	1.755 G	100.00 k	1.748595 G	3.52	-29.48
1.755 G	1.756 G	100.00 k	1.755008 G	-27.79	-14.79
1.756 G	1.773 G	1.00 M	1.756264 G	-25.02	-12.02

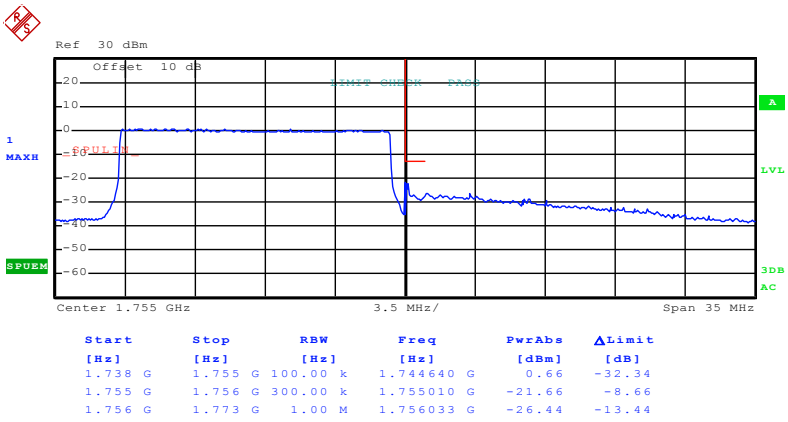
Date: 22.OCT.2015 12:24:15

Highest channel

Test Mode:	LTE band 4(16QAM RB Size 75 & RB Offset 0)



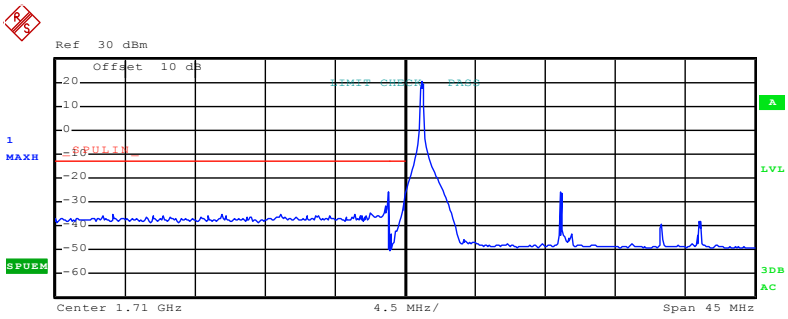
Lowest channel



Highest channel

20MHz:

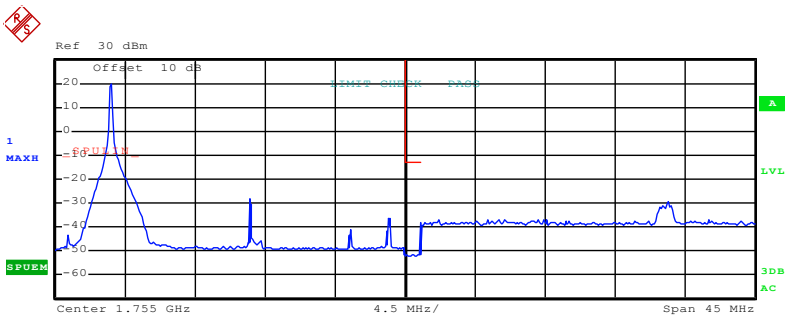
Test Mode:	LTE band 4(QPSK RB Size 1 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.688 G	1.709 G	1.00 M	1.708957 G	-26.14	-13.14
1.709 G	1.710 G	30.00 k	1.709994 G	-30.80	-17.80
1.710 G	1.732 G	100.00 k	1.711080 G	20.37	-12.63

Date: 22.OCT.2015 14:02:10

Lowest channel

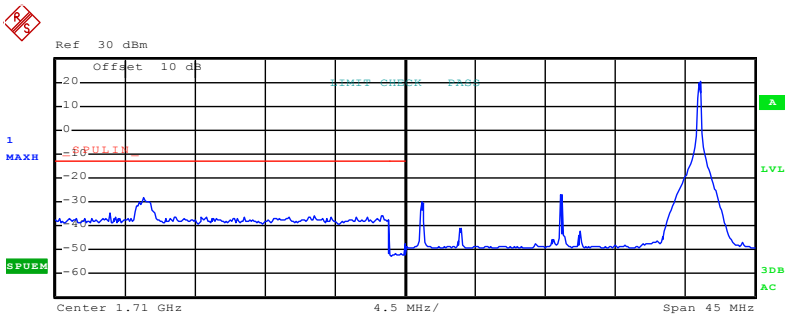


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.732 G	1.755 G	100.00 k	1.736100 G	19.89	-13.11
1.755 G	1.756 G	30.00 k	1.755542 G	-51.43	-38.43
1.756 G	1.778 G	1.00 M	1.771867 G	-29.64	-16.64

Date: 22.OCT.2015 14:10:34

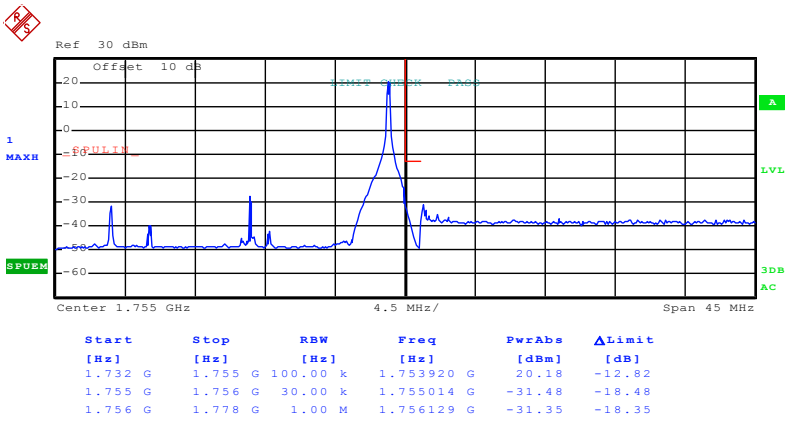
Highest channel

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



Date: 22.OCT.2015 14:03:05

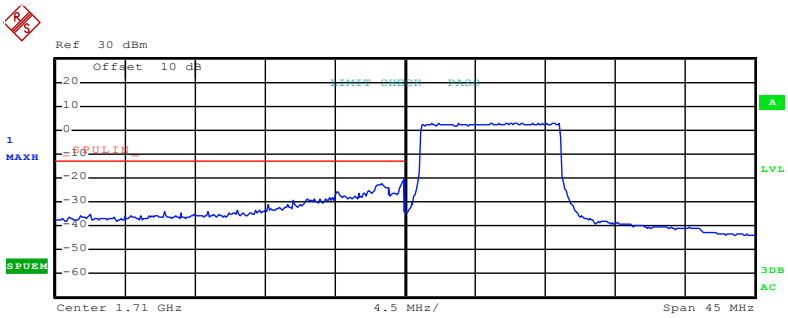
Lowest channel



Date: 22.OCT.2015 14:11:21

Highest channel

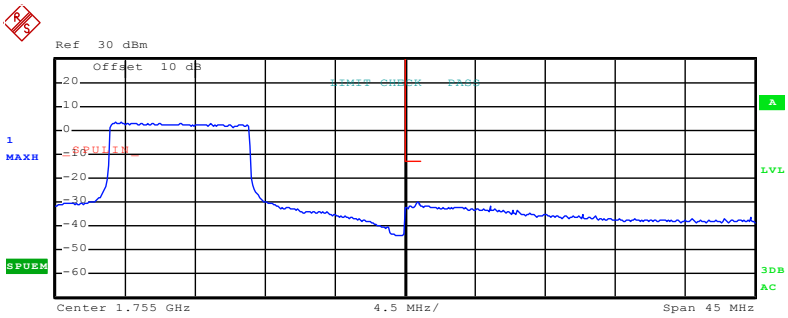
Test Mode:	LTE band 4(QPSK RB Size 50 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.688 G	1.709 G	1.00 M	1.708398 G	-22.54	-9.54
1.709 G	1.710 G	300.00 k	1.709930 G	-20.72	-7.72
1.710 G	1.732 G	100.00 k	1.719630 G	2.82	-30.18

Date: 22.OCT.2015 14:03:42

Lowest channel

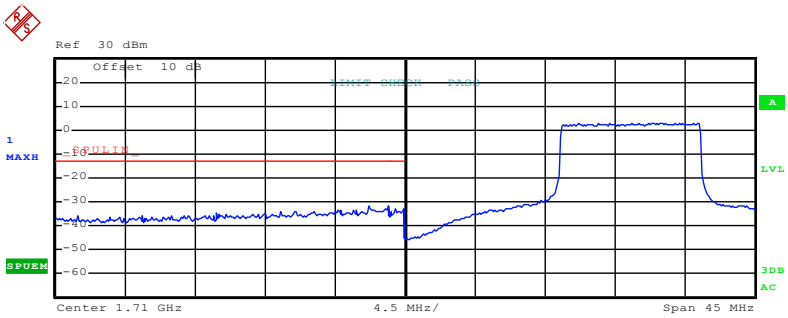


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.732 G	1.755 G	100.00 k	1.736730 G	3.21	-29.79
1.755 G	1.756 G	300.00 k	1.755850 G	-30.16	-17.16
1.756 G	1.778 G	1.00 M	1.756043 G	-30.98	-17.98

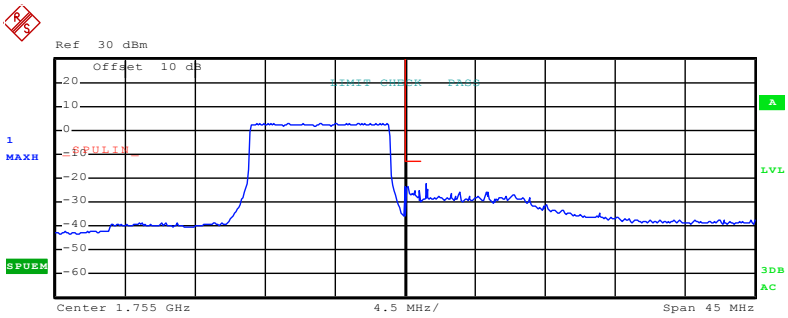
Date: 22.OCT.2015 14:12:13

Highest channel

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

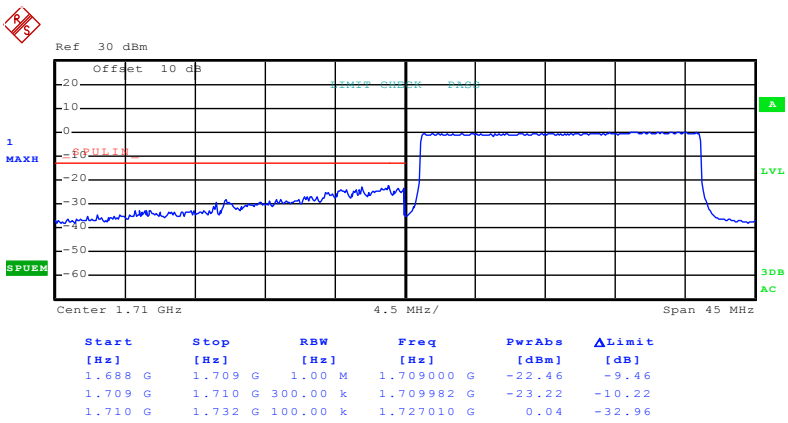


Lowest channel

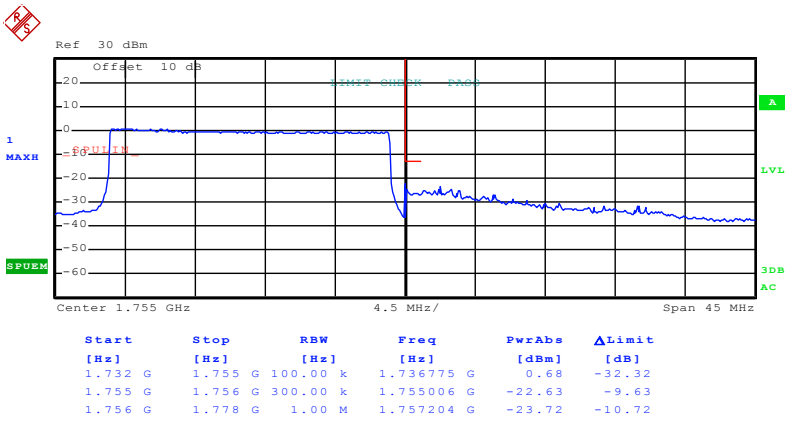


Highest channel

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

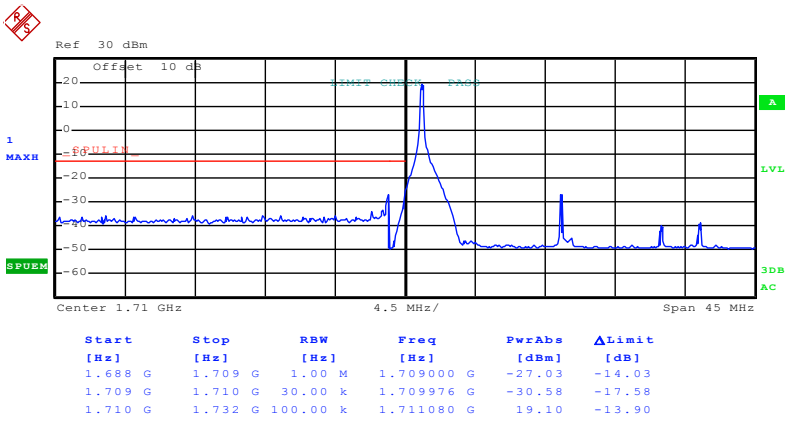


Lowest channel



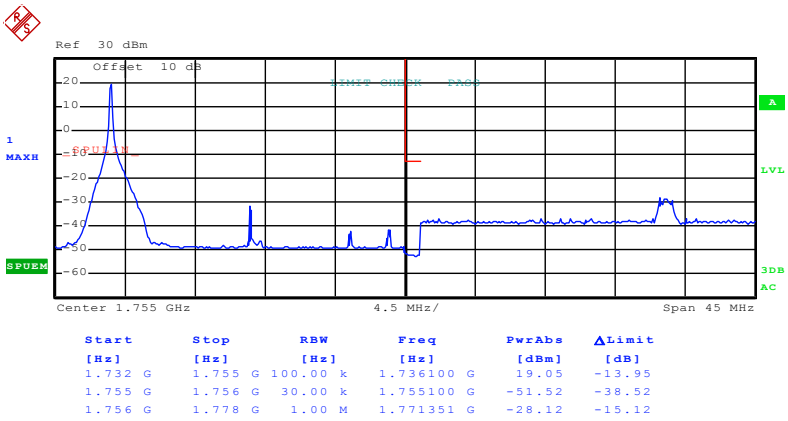
Highest channel

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



Date: 22.OCT.2015 14:02:28

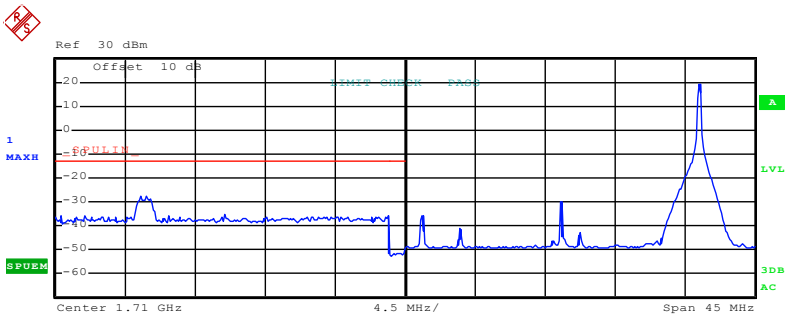
Lowest channel



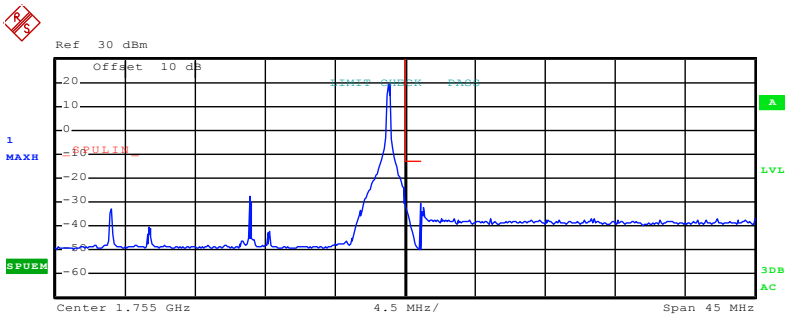
Date: 22.OCT.2015 14:10:51

Highest channel

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

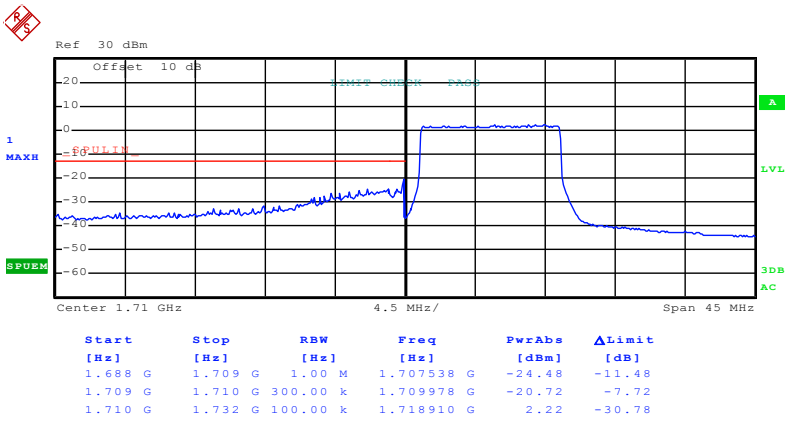


Lowest channel



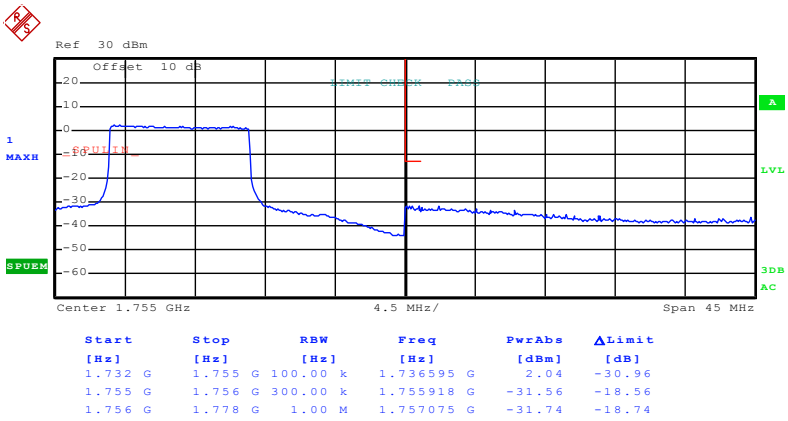
Highest channel

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



Date: 22.OCT.2015 14:04:29

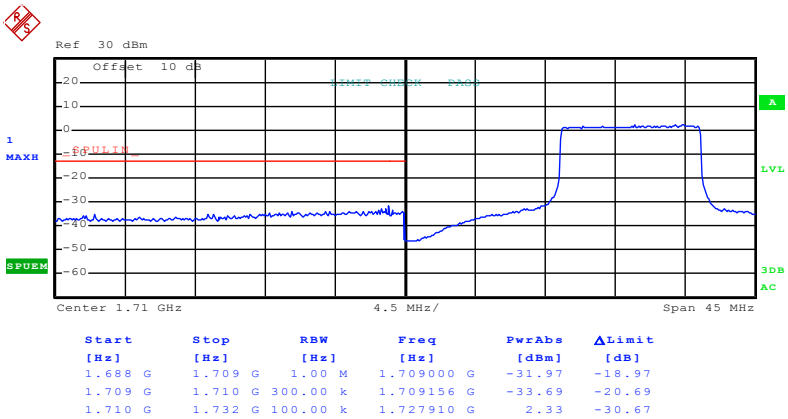
Lowest channel



Date: 22.OCT.2015 14:12:33

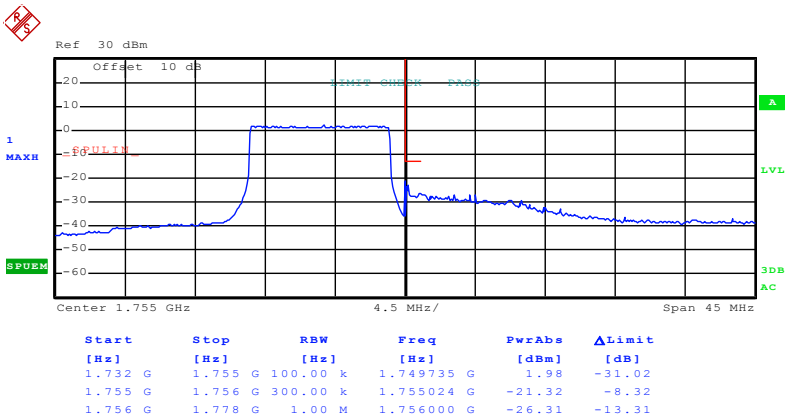
Highest channel

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



Date: 22.OCT.2015 14:04:52

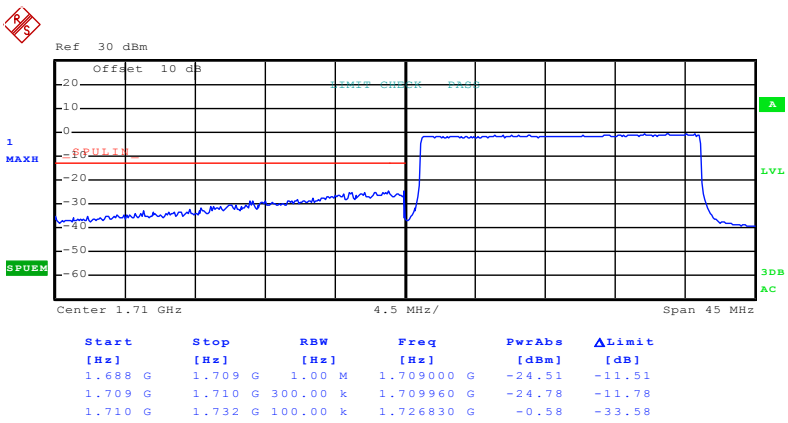
Lowest channel



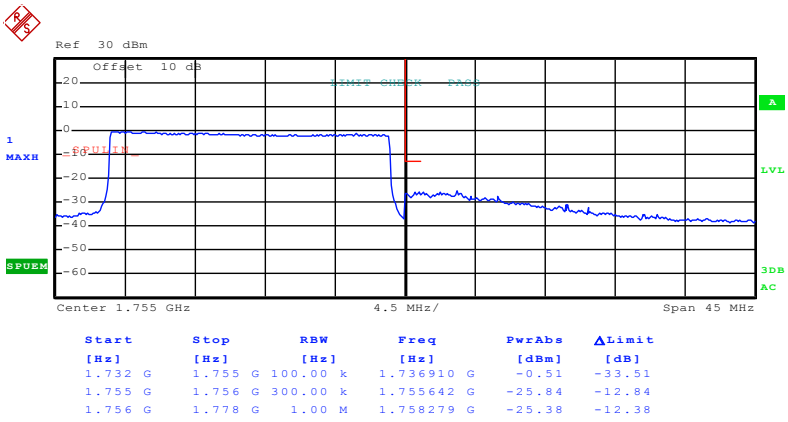
Date: 22.OCT.2015 14:12:54

Highest channel

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



Lowest channel

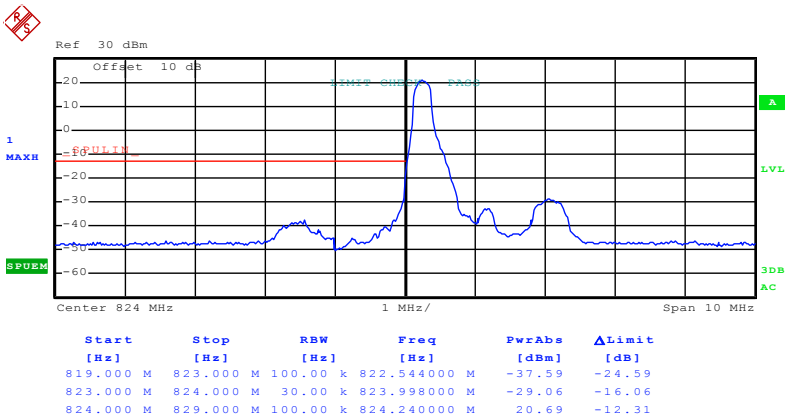


Highest channel

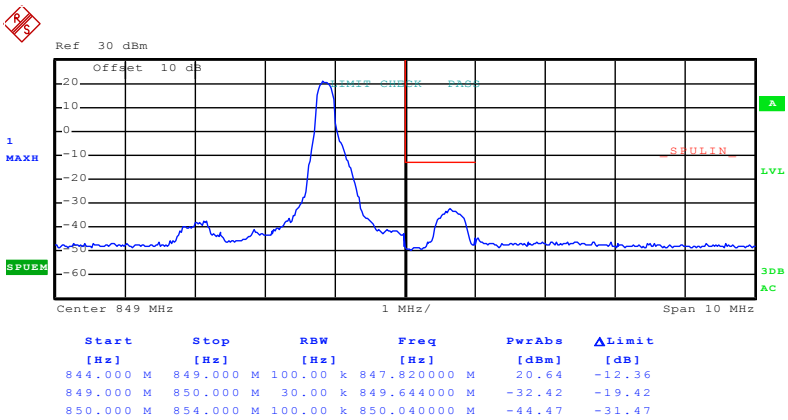
LTE band 5 part:

1.4MHz:

Test Mode:	LTE band 5(QPSK RB Size 1 & RB Offset 0)

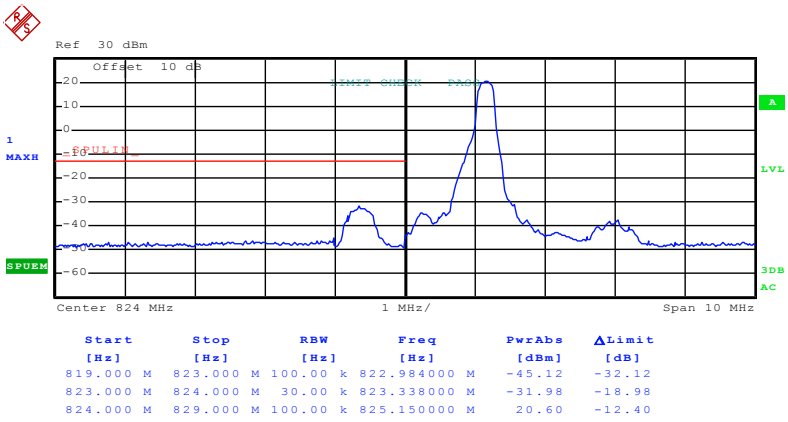


Lowest channel

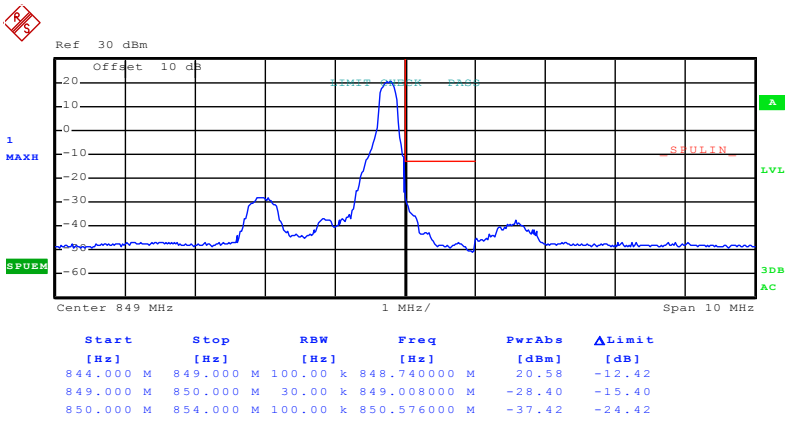


Highest channel

Test Mode:	LTE band 5(QPSK RB Size 1 & RB Offset 5)

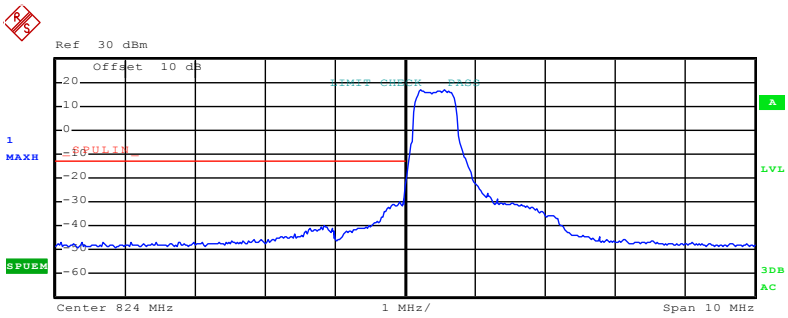


Lowest channel



Highest channel

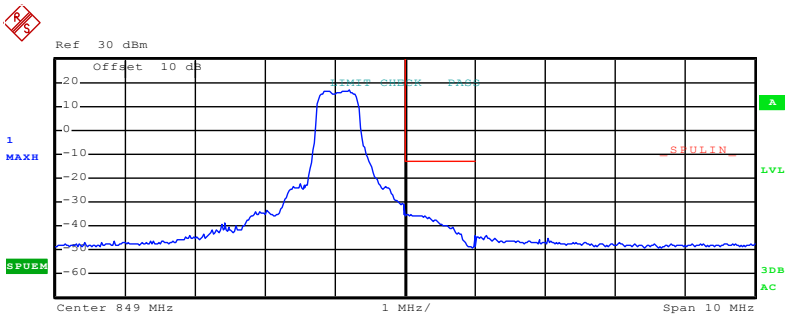
Test Mode:	LTE band 5(QPSK RB Size 3 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
819.000 M	823.000 M	100.00 k	822.840000 M	-39.83	-26.83
823.000 M	824.000 M	30.00 k	823.990000 M	-28.54	-15.54
824.000 M	829.000 M	100.00 k	824.560000 M	16.63	-16.37

Date: 22.OCT.2015 14:54:25

Lowest channel

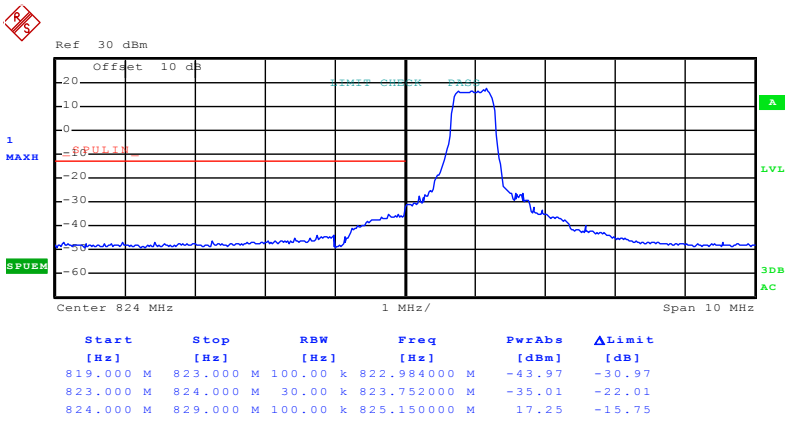


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
844.000 M	849.000 M	100.00 k	848.200000 M	16.60	-16.40
849.000 M	850.000 M	30.00 k	849.078000 M	-34.67	-21.67
850.000 M	854.000 M	100.00 k	850.000000 M	-44.01	-31.01

Date: 22.OCT.2015 15:05:18

Highest channel

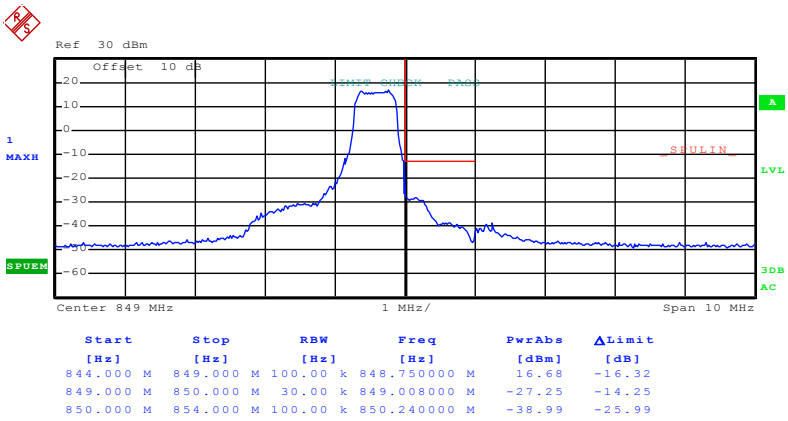
Test Mode:	LTE band 5(QPSK RB Size 3 & RB Offset 2)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
819.000 M	823.000 M	100.00 k	822.984000 M	-43.97	-30.97
823.000 M	824.000 M	30.00 k	823.752000 M	-35.01	-22.01
824.000 M	829.000 M	100.00 k	825.150000 M	17.25	-15.75

Date: 22.OCT.2015 14:55:32

Lowest channel

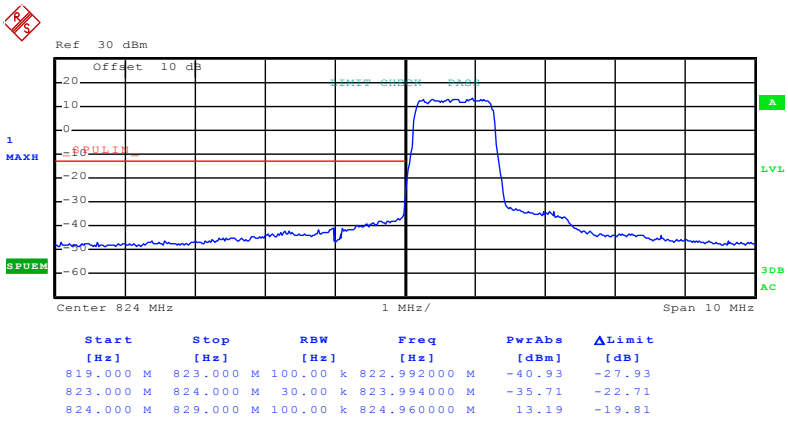


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
844.000 M	849.000 M	100.00 k	848.750000 M	16.68	-16.32
849.000 M	850.000 M	30.00 k	849.008000 M	-27.25	-14.25
850.000 M	854.000 M	100.00 k	850.240000 M	-38.99	-25.99

Date: 22.OCT.2015 15:06:42

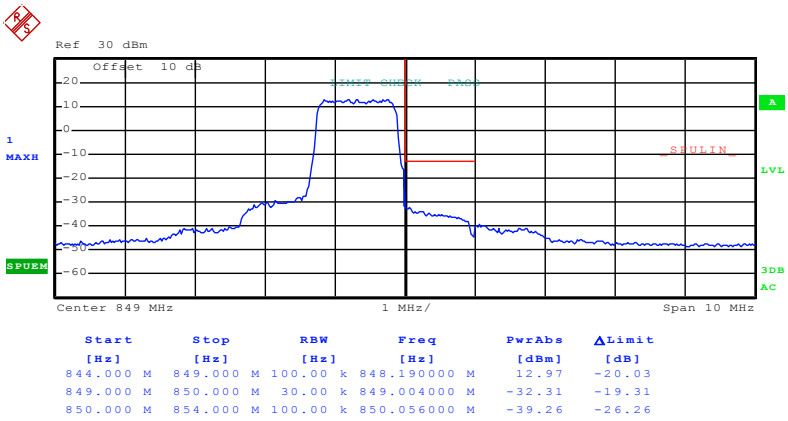
Highest channel

Test Mode:	LTE band 5(QPSK RB Size 6 & RB Offset 0)



Date: 22.OCT.2015 14:55:48

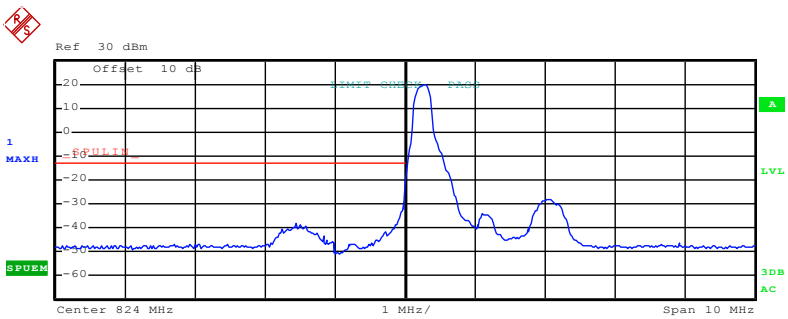
Lowest channel



Date: 22.OCT.2015 15:06:56

Highest channel

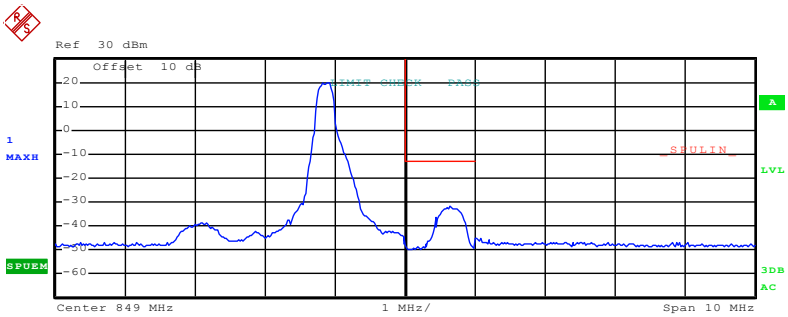
Test Mode:	LTE band 5(16QAM RB Size 1 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
819.000 M	823.000 M	100.00 k	822.432000 M	-38.27	-25.27
823.000 M	824.000 M	30.00 k	823.994000 M	-29.75	-16.75
824.000 M	829.000 M	100.00 k	824.260000 M	19.98	-13.02

Date: 22.OCT.2015 14:53:40

Lowest channel

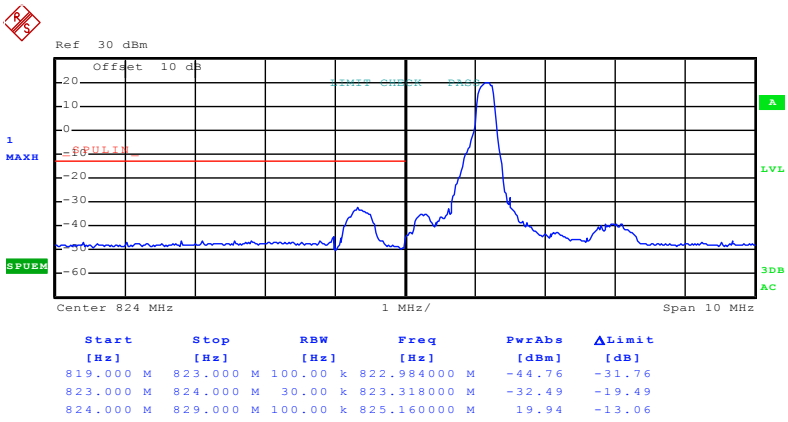


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
844.000 M	849.000 M	100.00 k	847.880000 M	19.97	-13.03
849.000 M	850.000 M	30.00 k	849.632000 M	-31.58	-18.58
850.000 M	854.000 M	100.00 k	850.008000 M	-44.93	-31.93

Date: 22.OCT.2015 15:04:38

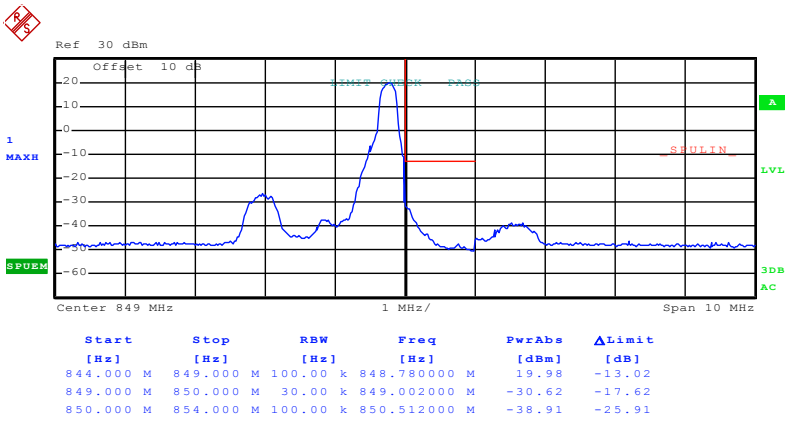
Highest channel

Test Mode:	LTE band 5(16QAM RB Size 1 & RB Offset 5)



Date: 22.OCT.2015 14:53:55

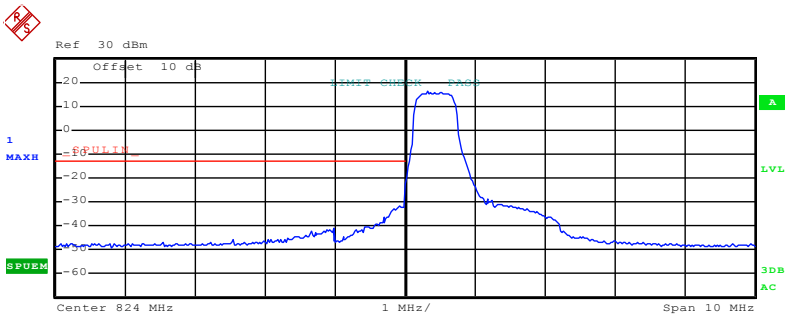
Lowest channel



Date: 22.OCT.2015 15:04:52

Highest channel

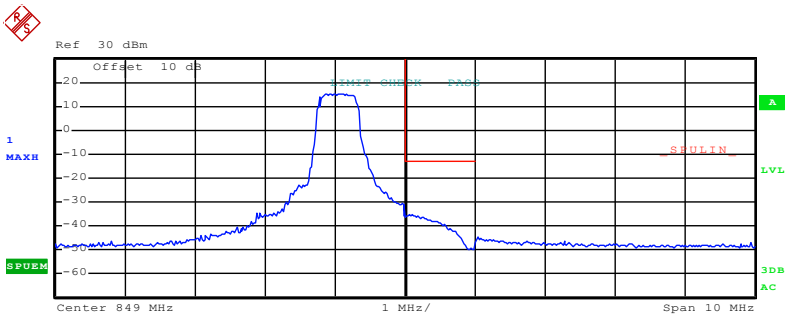
Test Mode:	LTE band 5(16QAM RB Size 3 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
819.000 M	823.000 M	100.00 k	822.968000 M	-41.16	-28.16
823.000 M	824.000 M	30.00 k	823.916000 M	-31.80	-18.80
824.000 M	829.000 M	100.00 k	824.320000 M	16.50	-16.50

Date: 22.OCT.2015 14:54:42

Lowest channel

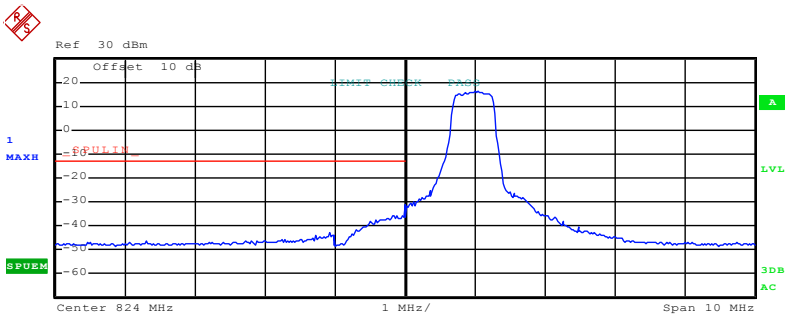


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
844.000 M	849.000 M	100.00 k	847.940000 M	15.19	-17.81
849.000 M	850.000 M	30.00 k	849.096000 M	-35.23	-22.23
850.000 M	854.000 M	100.00 k	850.032000 M	-44.48	-31.48

Date: 22.OCT.2015 15:06:15

Highest channel

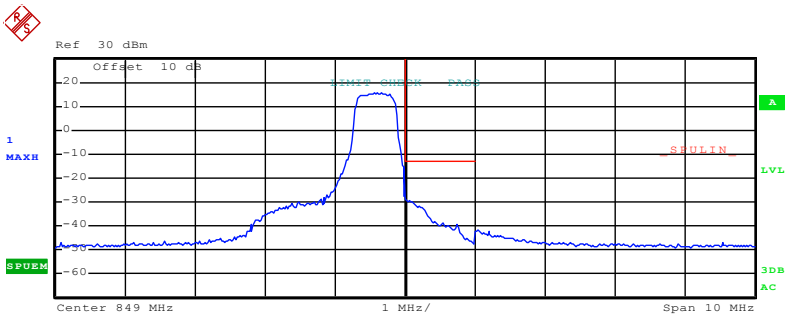
Test Mode:	LTE band 5(16QAM RB Size 3 & RB Offset 2)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
819.000 M	823.000 M	100.00 k	822.920000 M	-42.76	-29.76
823.000 M	824.000 M	30.00 k	823.958000 M	-35.56	-22.56
824.000 M	829.000 M	100.00 k	825.030000 M	15.99	-17.01

Date: 22.OCT.2015 14:55:13

Lowest channel

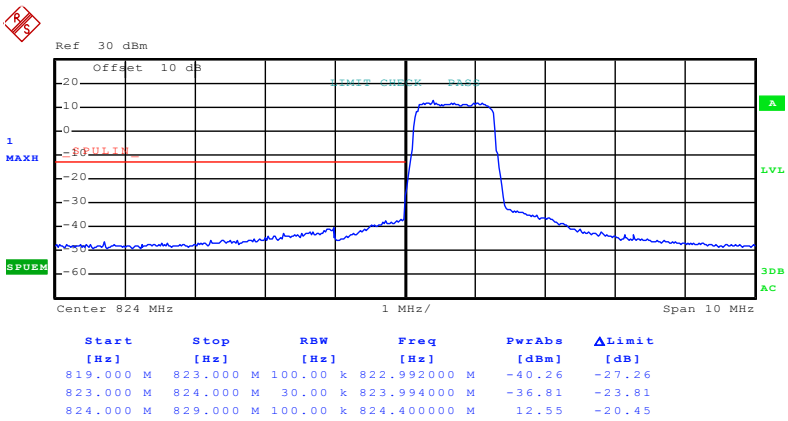


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
844.000 M	849.000 M	100.00 k	848.560000 M	15.88	-17.12
849.000 M	850.000 M	30.00 k	849.008000 M	-28.12	-15.12
850.000 M	854.000 M	100.00 k	850.032000 M	-41.75	-28.75

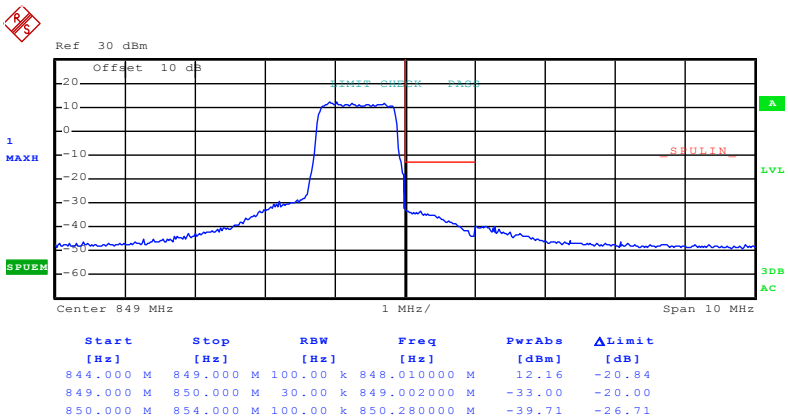
Date: 22.OCT.2015 15:06:27

Highest channel

Test Mode:	LTE band 5(16QAM RB Size 6 & RB Offset 0)



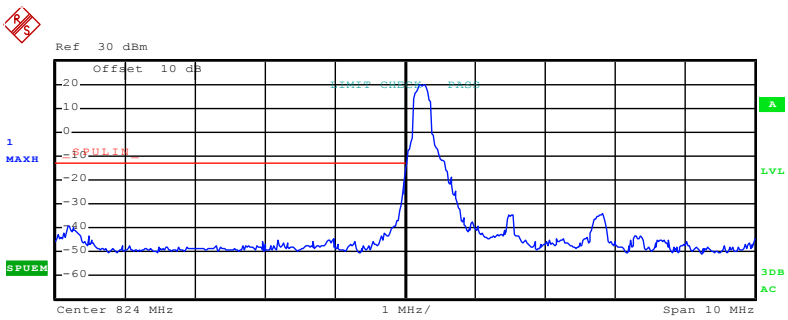
Lowest channel



Highest channel

3MHz:

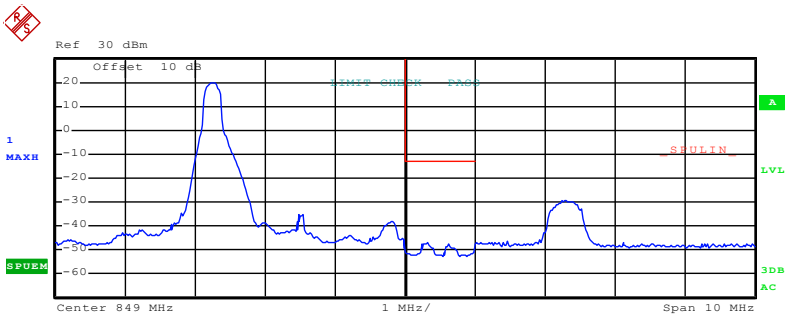
Test Mode:	LTE band 5(QPSK RB Size 1 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
819.000 M	823.000 M	100.00 k	819.192000 M	-39.10	-26.10
823.000 M	824.000 M	30.00 k	823.996000 M	-21.13	-8.13
824.000 M	829.000 M	100.00 k	824.270000 M	19.99	-13.01

Date: 22.OCT.2015 15:08:54

Lowest channel

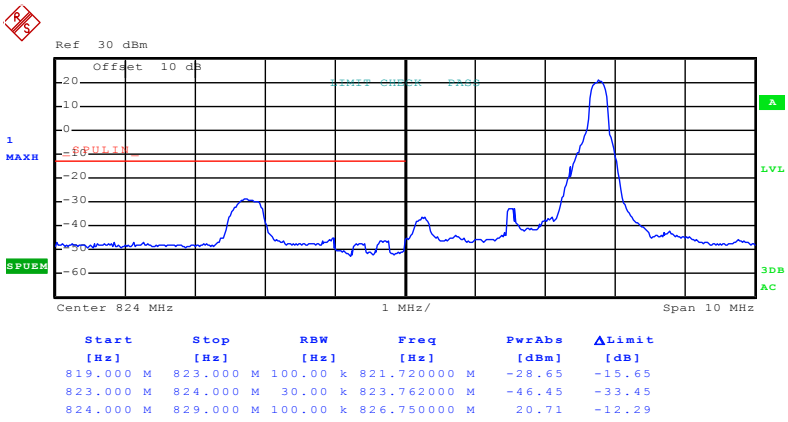


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
844.000 M	849.000 M	100.00 k	846.240000 M	19.96	-13.04
849.000 M	850.000 M	30.00 k	849.318000 M	-46.75	-33.75
850.000 M	854.000 M	100.00 k	851.264000 M	-29.18	-16.18

Date: 22.OCT.2015 15:15:05

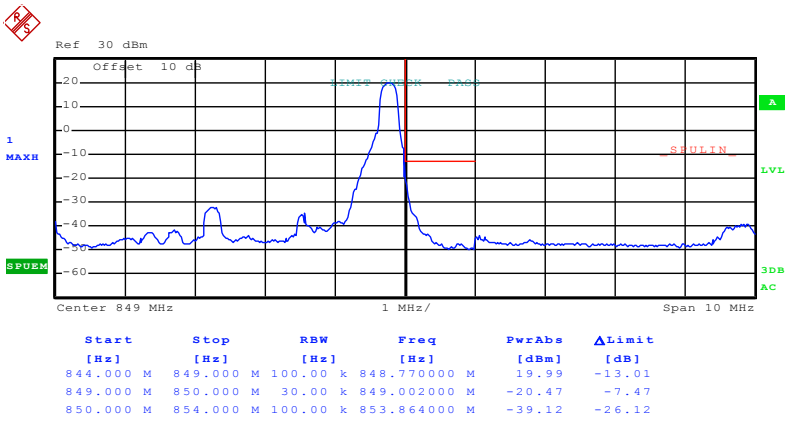
Highest channel

Test Mode:	LTE band 5(QPSK RB Size 1 & RB Offset 14)



Date: 22.OCT.2015 15:09:41

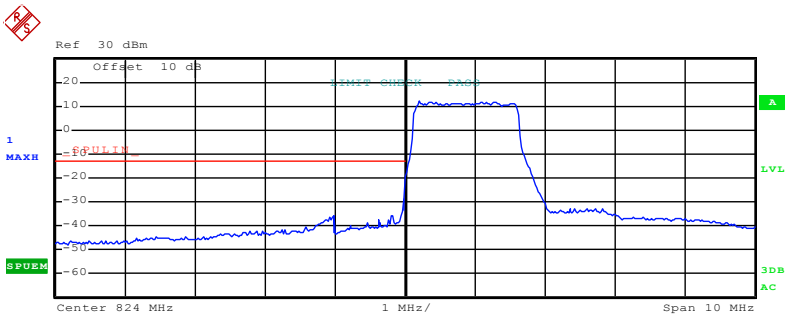
Lowest channel



Date: 22.OCT.2015 15:15:55

Highest channel

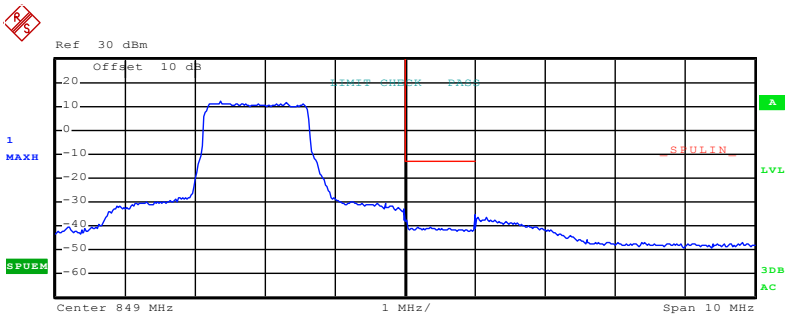
Test Mode:	LTE band 5(QPSK RB Size 8 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
819.000 M	823.000 M	100.00 k	822.976000 M	-35.90	-22.90
823.000 M	824.000 M	30.00 k	823.998000 M	-29.25	-16.25
824.000 M	829.000 M	100.00 k	824.200000 M	11.94	-21.06

Date: 22.OCT.2015 15:11:38

Lowest channel

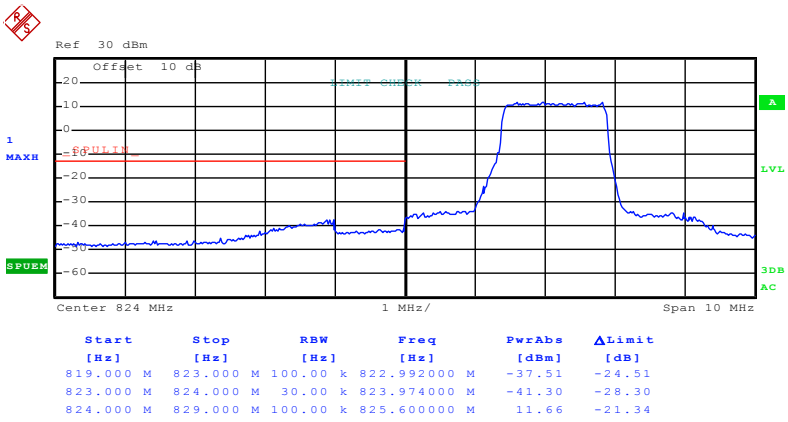


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
844.000 M	849.000 M	100.00 k	846.350000 M	12.24	-20.76
849.000 M	850.000 M	30.00 k	849.010000 M	-37.73	-24.73
850.000 M	854.000 M	100.00 k	850.000000 M	-35.40	-22.40

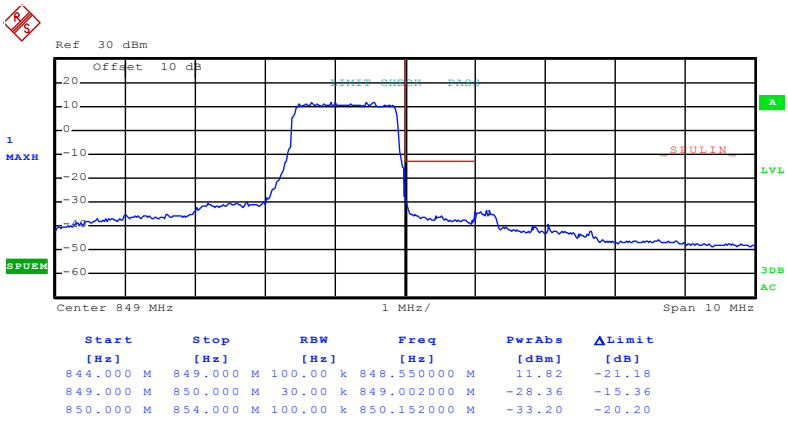
Date: 22.OCT.2015 15:16:12

Highest channel

Test Mode:	LTE band 5(QPSK RB Size 8 & RB Offset 7)

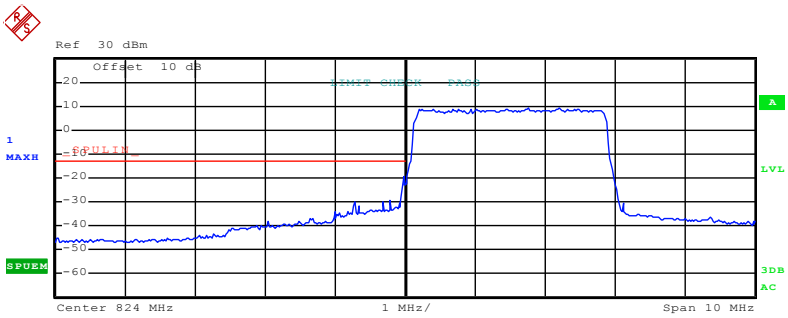


Lowest channel



Highest channel

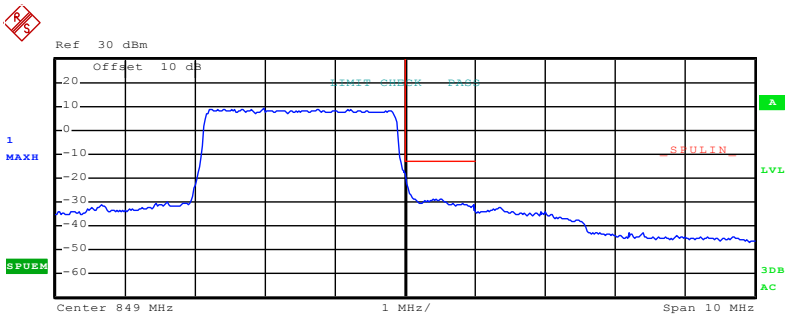
Test Mode:	LTE band 5(QPSK RB Size 15 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
819.000 M	823.000 M	100.00 k	822.640000 M	-36.79	-23.79
823.000 M	824.000 M	100.00 k	823.998000 M	-20.26	-7.26
824.000 M	829.000 M	100.00 k	826.200000 M	8.97	-24.03

Date: 22.OCT.2015 15:13:14

Lowest channel

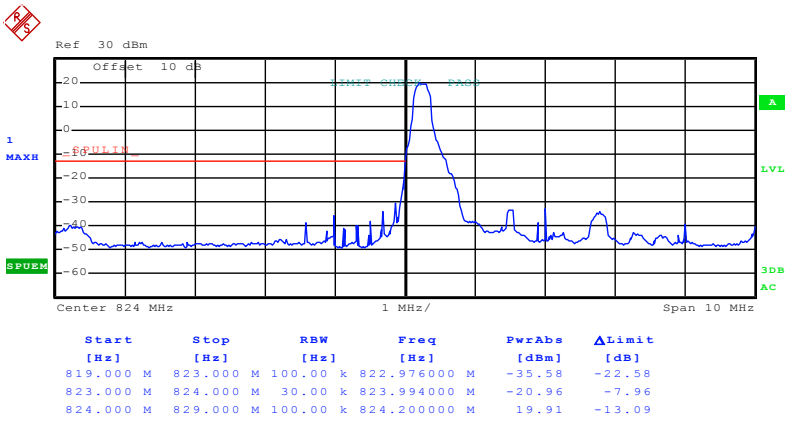


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
844.000 M	849.000 M	100.00 k	846.970000 M	9.01	-23.99
849.000 M	850.000 M	100.00 k	849.002000 M	-18.50	-5.50
850.000 M	854.000 M	100.00 k	850.344000 M	-32.41	-19.41

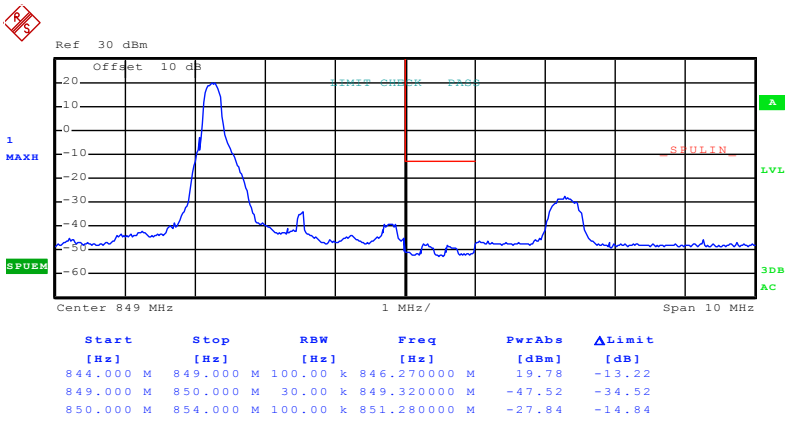
Date: 22.OCT.2015 15:17:40

Highest channel

Test Mode:	LTE band 5(16QAM RB Size 1 & RB Offset 0)

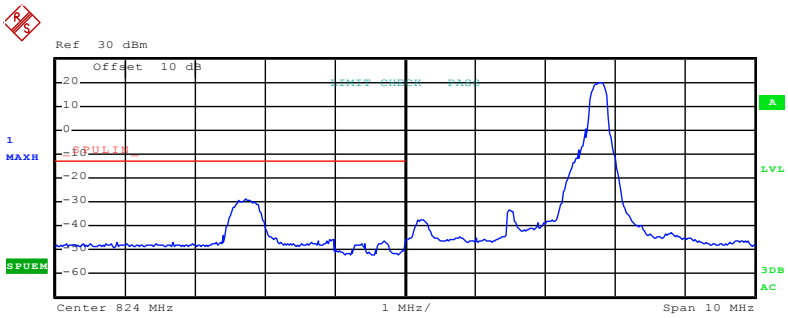


Lowest channel



Highest channel

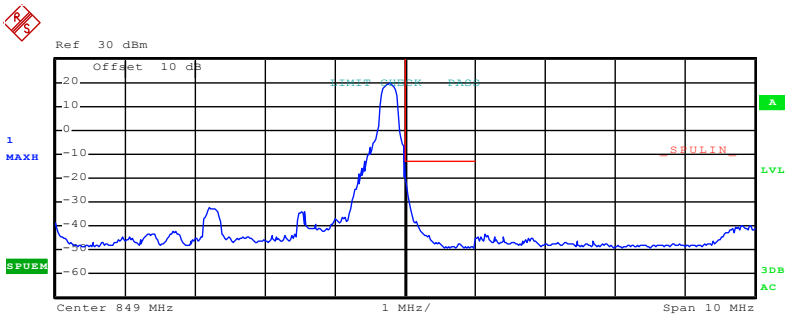
Test Mode:	LTE band 5(16QAM RB Size 1 & RB Offset 14)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
819.000 M	823.000 M	100.00 k	821.704000 M	-28.93	-15.93
823.000 M	824.000 M	30.00 k	823.704000 M	-46.08	-33.08
824.000 M	829.000 M	100.00 k	826.750000 M	19.80	-13.20

Date: 22.OCT.2015 15:09:25

Lowest channel

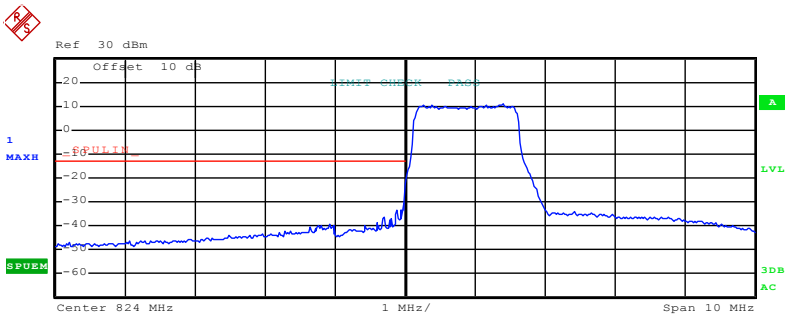


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
844.000 M	849.000 M	100.00 k	848.770000 M	19.67	-13.33
849.000 M	850.000 M	30.00 k	849.008000 M	-20.18	-7.18
850.000 M	854.000 M	100.00 k	853.816000 M	-39.67	-26.67

Date: 22.OCT.2015 15:15:42

Highest channel

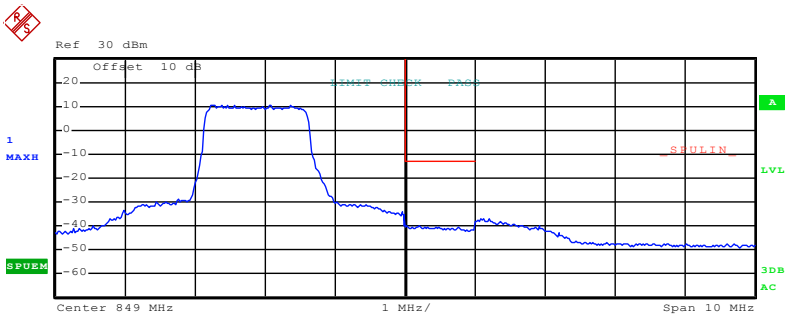
Test Mode:	LTE band 5(16QAM RB Size 8 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
819.000 M	823.000 M	100.00 k	822.904000 M	-39.33	-26.33
823.000 M	824.000 M	30.00 k	823.998000 M	-30.83	-17.83
824.000 M	829.000 M	100.00 k	825.400000 M	10.76	-22.24

Date: 22.OCT.2015 15:11:55

Lowest channel

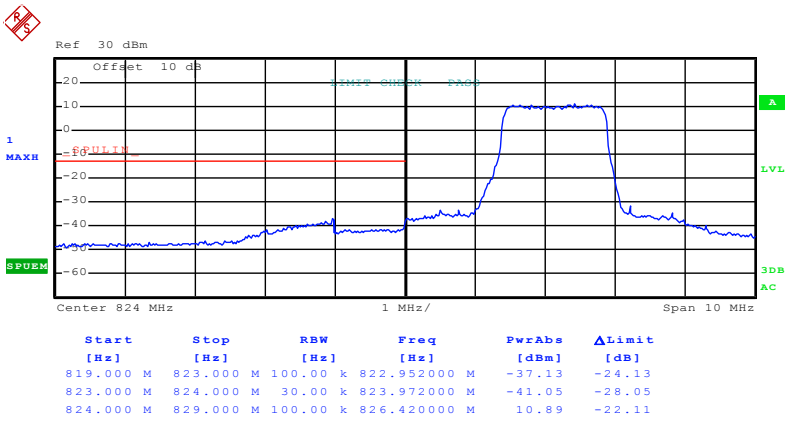


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
844.000 M	849.000 M	100.00 k	847.070000 M	10.55	-22.45
849.000 M	850.000 M	30.00 k	849.198000 M	-40.07	-27.07
850.000 M	854.000 M	100.00 k	850.200000 M	-37.15	-24.15

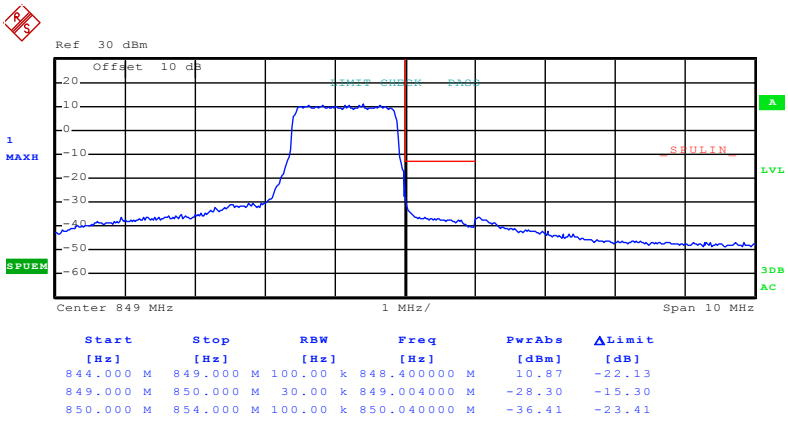
Date: 22.OCT.2015 15:16:27

Highest channel

Test Mode:	LTE band 5(16QAM RB Size 8 & RB Offset 7)

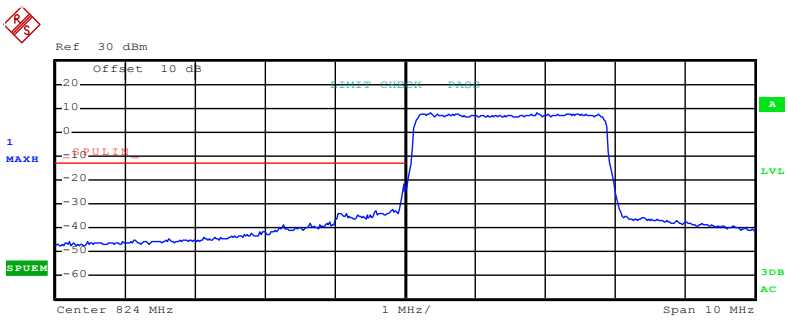


Lowest channel



Highest channel

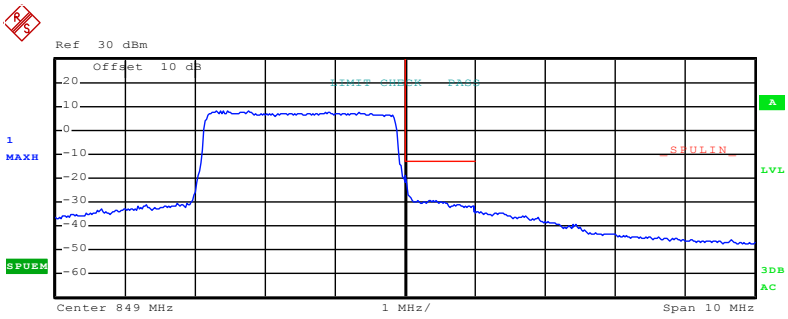
Test Mode:	LTE band 5(16QAM RB Size 15 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
819.000 M	823.000 M	100.00 k	822.904000 M	-37.64	-24.64
823.000 M	824.000 M	100.00 k	823.988000 M	-21.93	-8.93
824.000 M	829.000 M	100.00 k	824.360000 M	7.90	-25.10

Date: 22.OCT.2015 15:13:27

Lowest channel



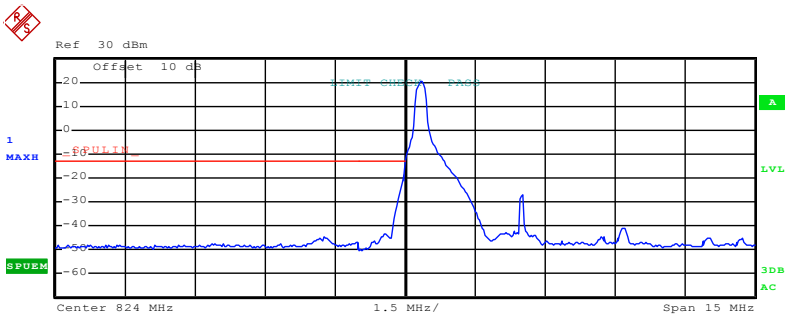
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
844.000 M	849.000 M	100.00 k	846.300000 M	8.25	-24.75
849.000 M	850.000 M	100.00 k	849.004000 M	-19.05	-6.05
850.000 M	854.000 M	100.00 k	850.024000 M	-33.57	-20.57

Date: 22.OCT.2015 15:17:52

Highest channel

5MHz:

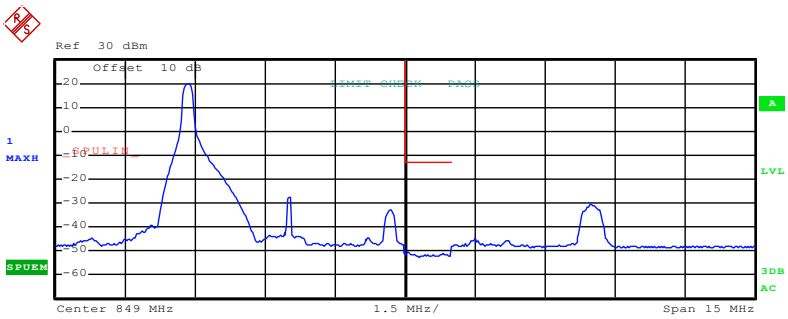
Test Mode:	LTE band 5(QPSK RB Size 1 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
816.500 M	823.000 M	100.00 k	822.233000 M	-44.80	-31.80
823.000 M	824.000 M	30.00 k	823.998000 M	-18.84	-5.84
824.000 M	831.500 M	100.00 k	824.315000 M	20.22	-12.78

Date: 22.OCT.2015 15:19:37

Lowest channel

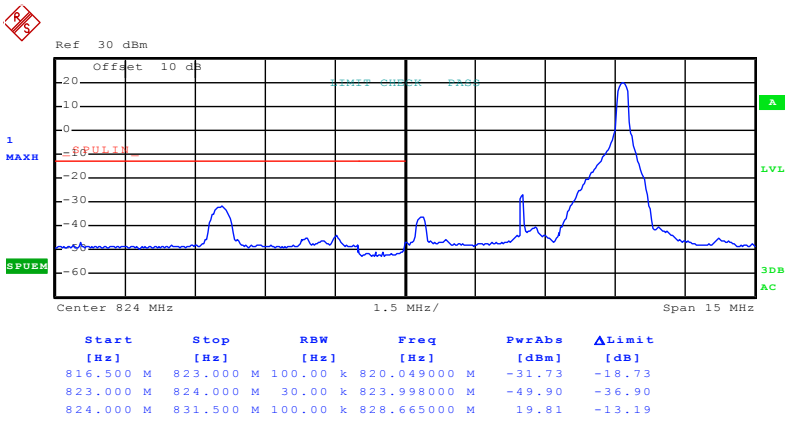


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
841.500 M	849.000 M	100.00 k	844.350000 M	19.98	-13.02
849.000 M	850.000 M	30.00 k	849.046000 M	-50.29	-37.29
850.000 M	856.500 M	100.00 k	852.951000 M	-30.63	-17.63

Date: 22.OCT.2015 15:23:18

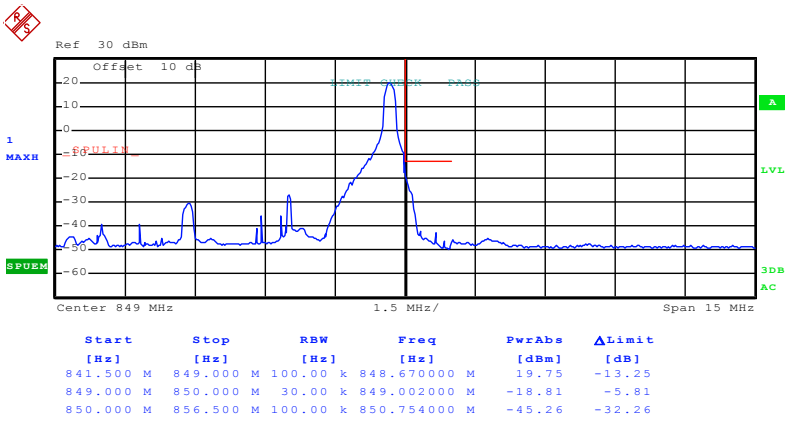
Highest channel

Test Mode:	LTE band 5(QPSK RB Size 1 & RB Offset 24)



Date: 22.OCT.2015 15:20:17

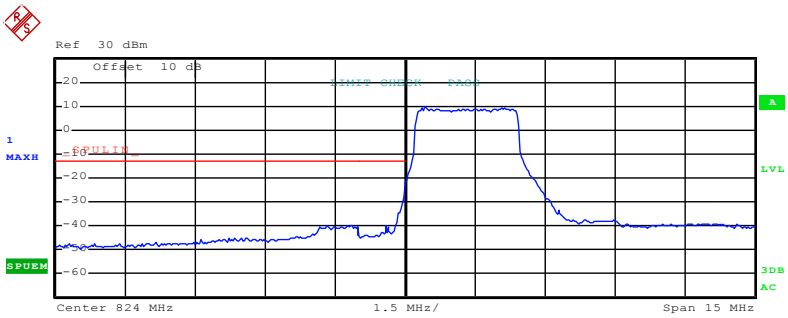
Lowest channel



Date: 22.OCT.2015 15:23:57

Highest channel

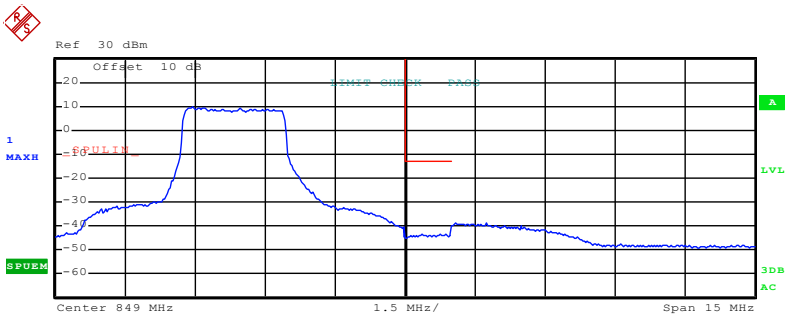
Test Mode:	LTE band 5(QPSK RB Size 12 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
816.500 M	823.000 M	100.00 k	822.311000 M	-39.70	-26.70
823.000 M	824.000 M	30.00 k	823.992000 M	-27.90	-14.90
824.000 M	831.500 M	100.00 k	824.420000 M	9.64	-23.36

Date: 22.OCT.2015 15:20:55

Lowest channel

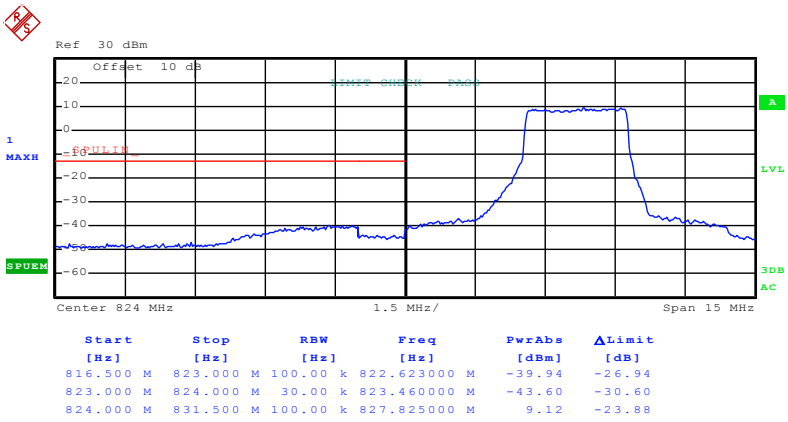


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
841.500 M	849.000 M	100.00 k	844.425000 M	9.82	-23.18
849.000 M	850.000 M	30.00 k	849.898000 M	-42.99	-29.99
850.000 M	856.500 M	100.00 k	850.078000 M	-38.81	-25.81

Date: 22.OCT.2015 15:24:22

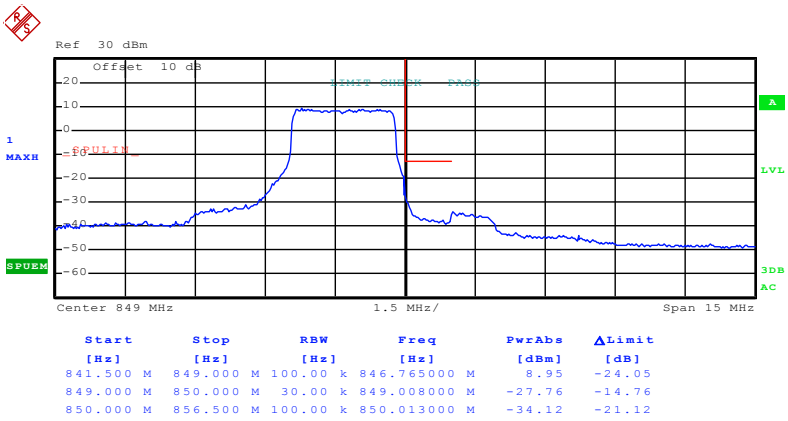
Highest channel

Test Mode:	LTE band 5(QPSK RB Size 12 & RB Offset 11)



Date: 22.OCT.2015 15:21:39

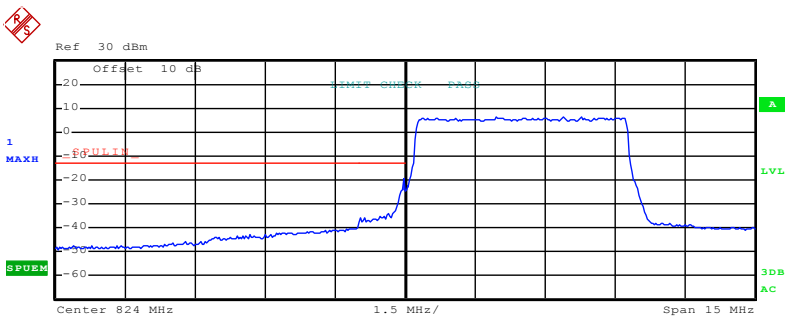
Lowest channel



Date: 22.OCT.2015 15:25:07

Highest channel

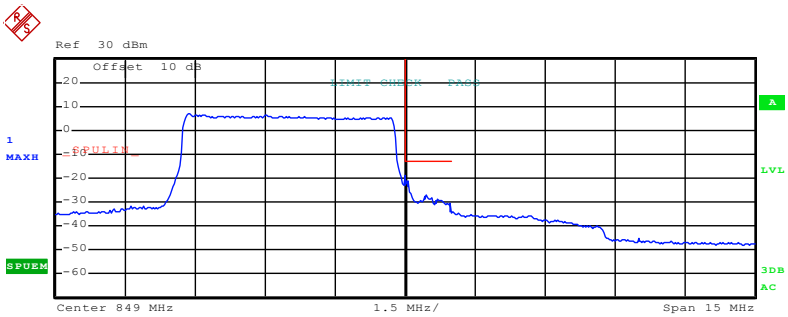
Test Mode:	LTE band 5(QPSK RB Size 25 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
816.500 M	823.000 M	100.00 k	822.974000 M	-39.69	-26.69
823.000 M	824.000 M	100.00 k	823.998000 M	-19.28	-6.28
824.000 M	831.500 M	100.00 k	827.390000 M	6.25	-26.75

Date: 22.OCT.2015 15:22:06

Lowest channel

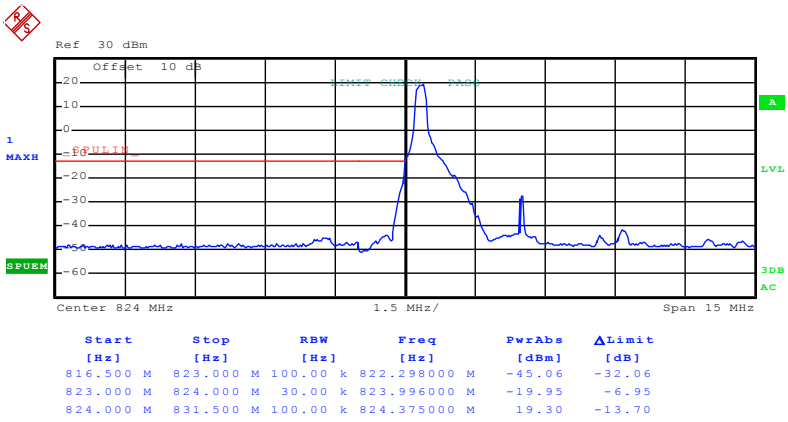


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
841.500 M	849.000 M	100.00 k	844.350000 M	7.16	-25.84
849.000 M	850.000 M	100.00 k	849.002000 M	-18.84	-5.84
850.000 M	856.500 M	100.00 k	850.052000 M	-33.39	-20.39

Date: 22.OCT.2015 15:25:35

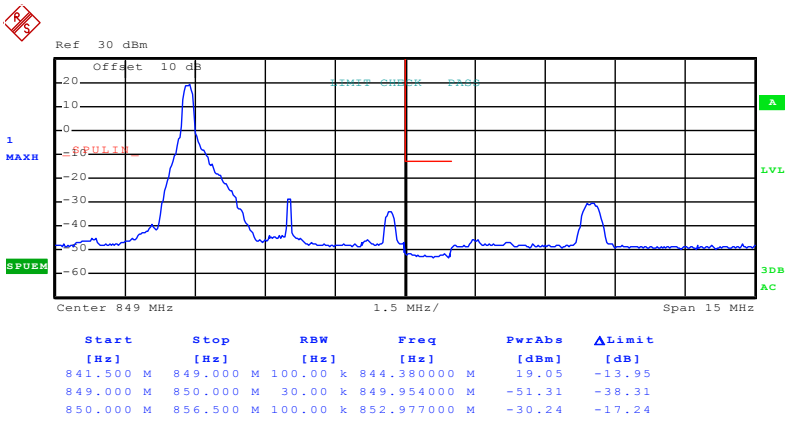
Highest channel

Test Mode:	LTE band 5(16QAM RB Size 1 & RB Offset 0)



Date: 22.OCT.2015 15:19:51

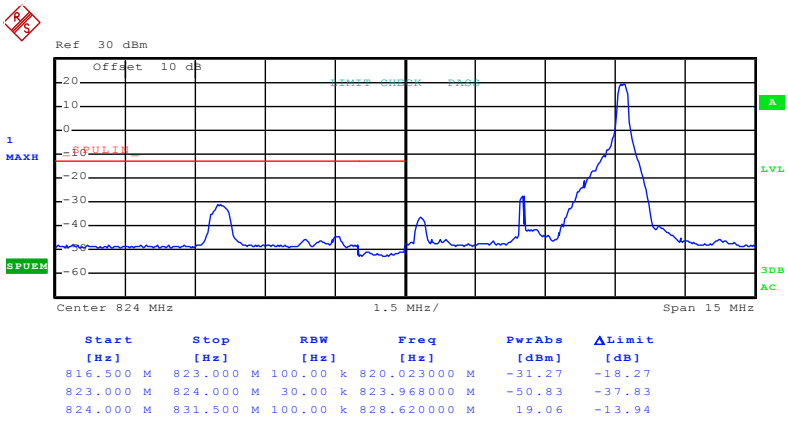
Lowest channel



Date: 22.OCT.2015 15:23:31

Highest channel

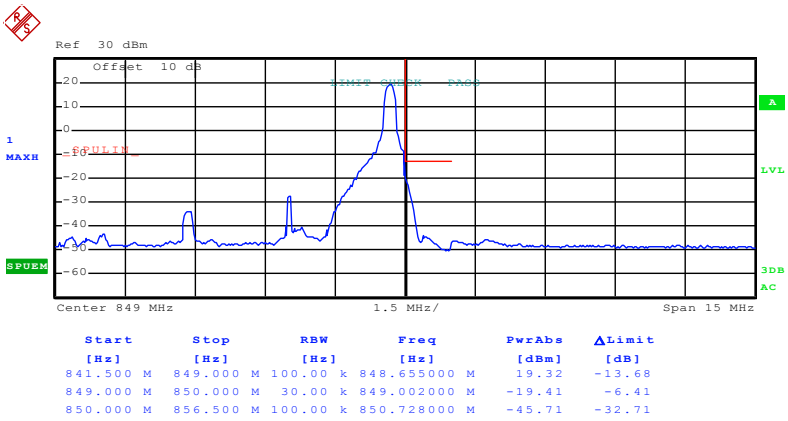
Test Mode:	LTE band 5(16QAM RB Size 1 & RB Offset 24)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
816.500 M	823.000 M	100.00 k	820.023000 M	-31.27	-18.27
823.000 M	824.000 M	30.00 k	823.968000 M	-50.83	-37.83
824.000 M	831.500 M	100.00 k	828.620000 M	19.06	-13.94

Date: 22.OCT.2015 15:20:06

Lowest channel

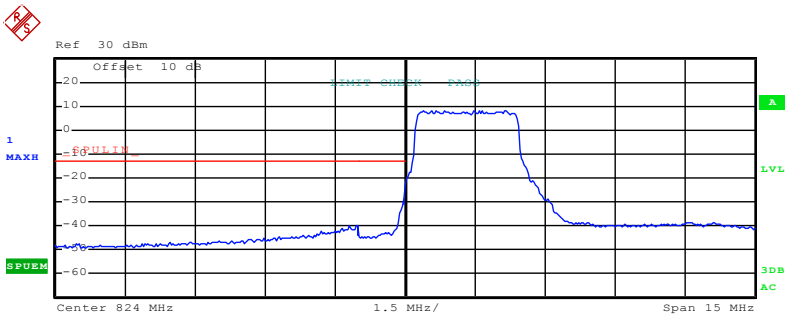


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
841.500 M	849.000 M	100.00 k	848.655000 M	19.32	-13.68
849.000 M	850.000 M	30.00 k	849.002000 M	-19.41	-6.41
850.000 M	856.500 M	100.00 k	850.728000 M	-45.71	-32.71

Date: 22.OCT.2015 15:23:45

Highest channel

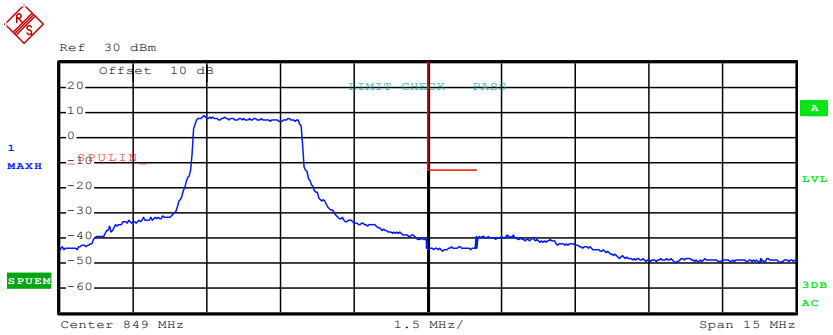
Test Mode:	LTE band 5(16QAM RB Size 12 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
816.500 M	823.000 M	100.00 k	822.792000 M	-39.85	-26.85
823.000 M	824.000 M	30.00 k	823.998000 M	-28.87	-15.87
824.000 M	831.500 M	100.00 k	824.570000 M	8.06	-24.94

Date: 22.OCT.2015 15:21:09

Lowest channel

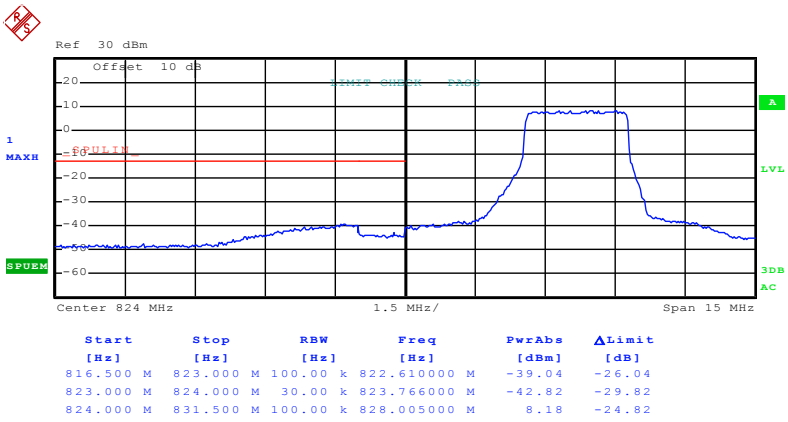


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
841.500 M	849.000 M	100.00 k	844.440000 M	8.36	-24.64
849.000 M	850.000 M	30.00 k	849.100000 M	-43.05	-30.05
850.000 M	856.500 M	100.00 k	850.598000 M	-38.93	-25.93

Date: 22.OCT.2015 15:24:38

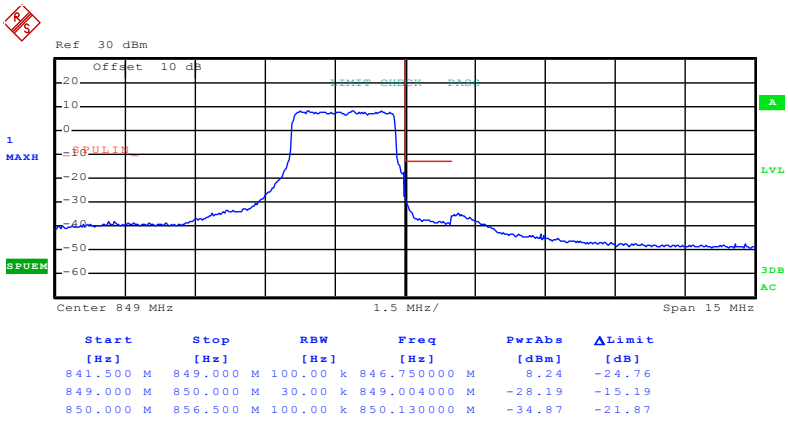
Highest channel

Test Mode:	LTE band 5(16QAM RB Size 12 & RB Offset 11)



Date: 22.OCT.2015 15:21:25

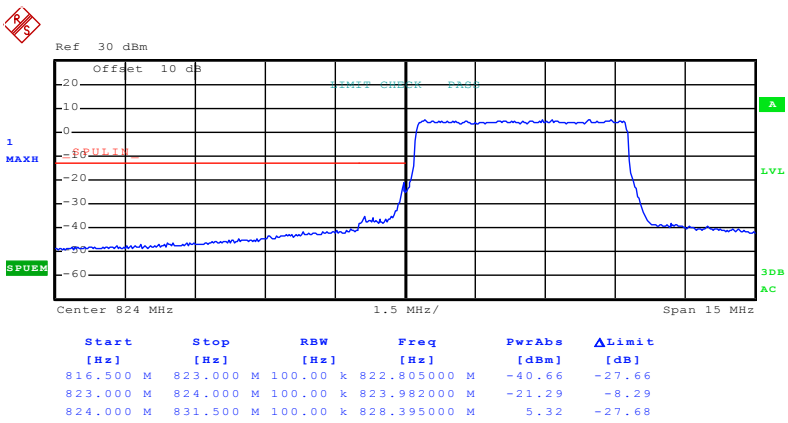
Lowest channel



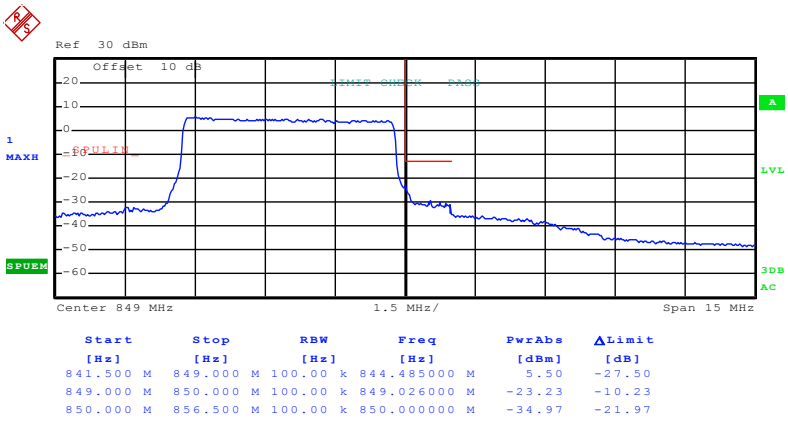
Date: 22.OCT.2015 15:24:52

Highest channel

Test Mode:	LTE band 5(16QAM RB Size 25 & RB Offset 0)



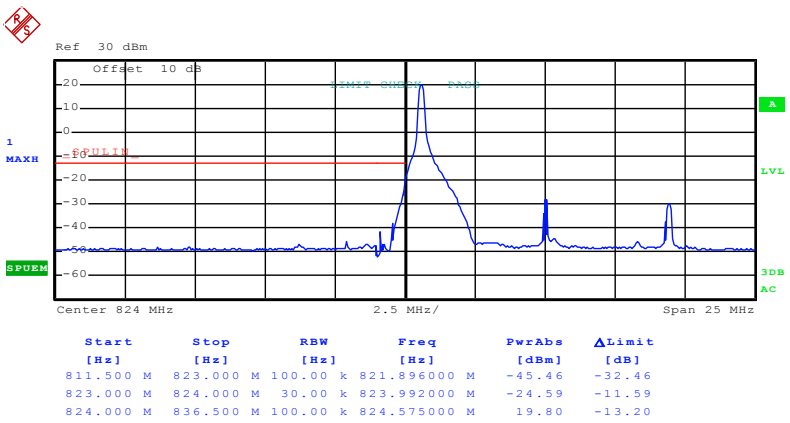
Lowest channel



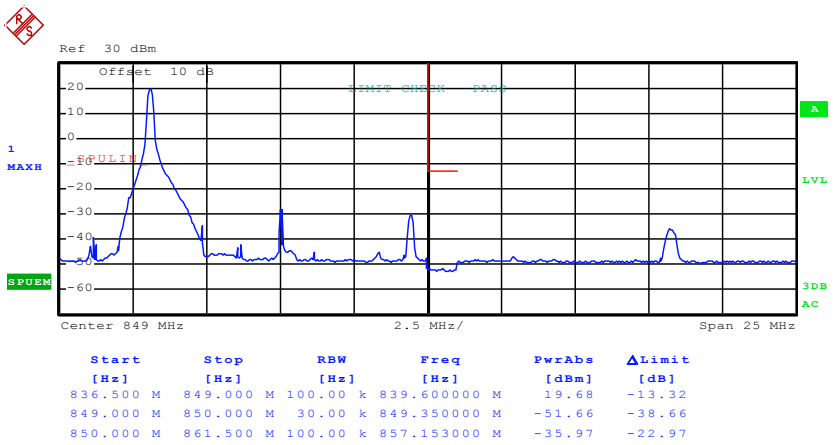
Highest channel

10MHz:

Test Mode:	LTE band 5(QPSK RB Size 1 & RB Offset 0)

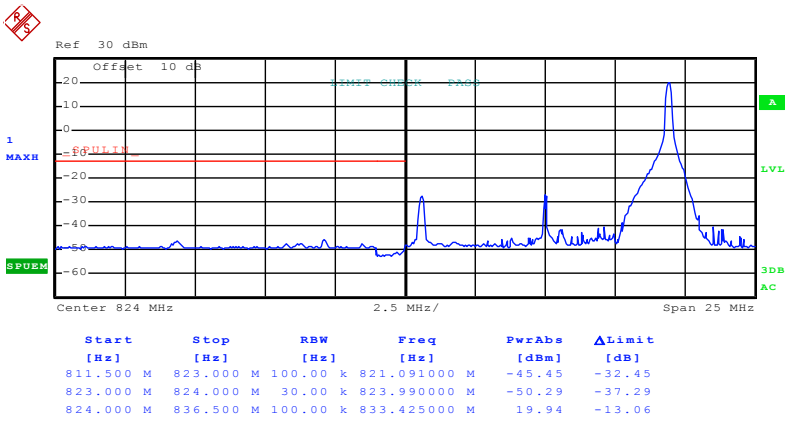


Lowest channel



Highest channel

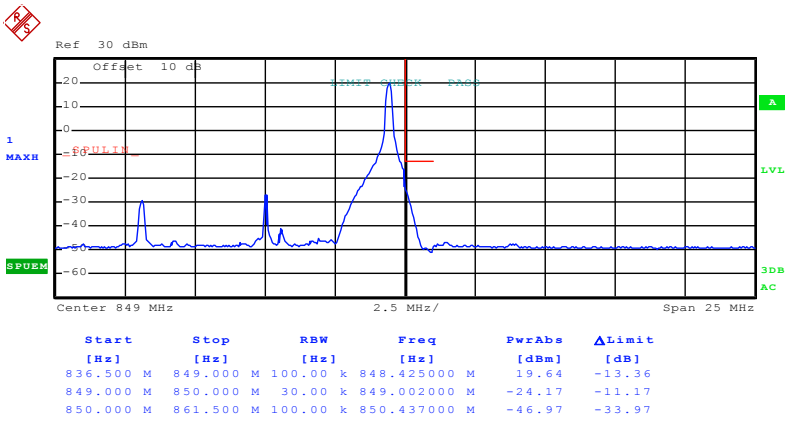
Test Mode:	LTE band 5(QPSK RB Size 1 & RB Offset 49)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
811.500 M	823.000 M	100.00 k	821.091000 M	-45.45	-32.45
823.000 M	824.000 M	30.00 k	823.990000 M	-50.29	-37.29
824.000 M	836.500 M	100.00 k	833.425000 M	19.94	-13.06

Date: 22.OCT.2015 15:43:15

Lowest channel

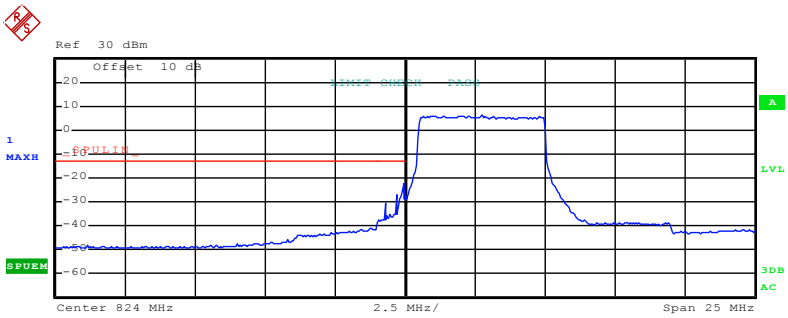


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
836.500 M	849.000 M	100.00 k	848.425000 M	19.64	-13.36
849.000 M	850.000 M	30.00 k	849.002000 M	-24.17	-11.17
850.000 M	861.500 M	100.00 k	850.437000 M	-46.97	-33.97

Date: 22.OCT.2015 15:48:39

Highest channel

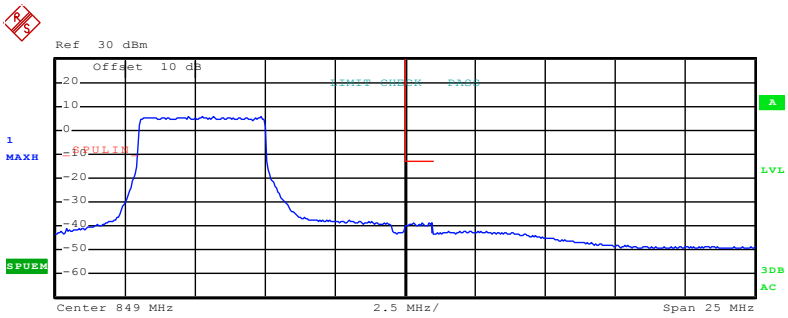
Test Mode:	LTE band 5(QPSK RB Size 25 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
811.500 M	823.000 M	100.00 k	822.747000 M	-41.02	-28.02
823.000 M	824.000 M	100.00 k	823.990000 M	-22.78	-9.78
824.000 M	836.500 M	100.00 k	826.725000 M	6.08	-26.92

Date: 22.OCT.2015 15:44:04

Lowest channel

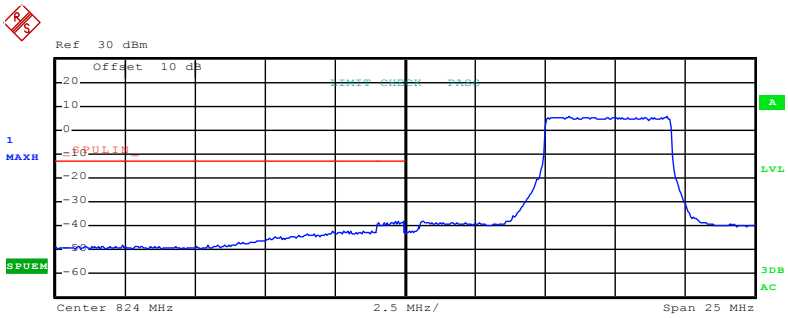


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
836.500 M	849.000 M	100.00 k	841.725000 M	5.82	-27.18
849.000 M	850.000 M	100.00 k	849.830000 M	-38.50	-25.50
850.000 M	861.500 M	100.00 k	851.863000 M	-42.15	-29.15

Date: 22.OCT.2015 15:49:06

Highest channel

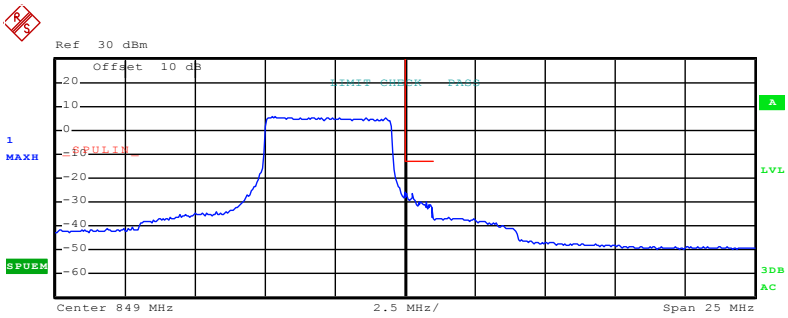
Test Mode:	LTE band 5(QPSK RB Size 25 & RB Offset 24)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
811.500 M	823.000 M	100.00 k	821.367000 M	-42.21	-29.21
823.000 M	824.000 M	100.00 k	823.630000 M	-38.12	-25.12
824.000 M	836.500 M	100.00 k	833.350000 M	5.47	-27.53

Date: 22.OCT.2015 15:46:20

Lowest channel

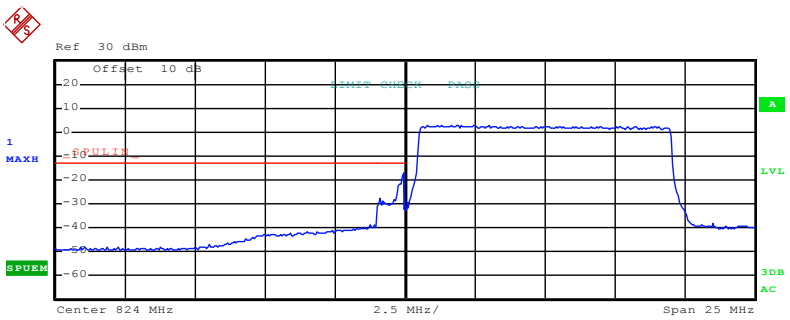


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
836.500 M	849.000 M	100.00 k	844.225000 M	5.62	-27.38
849.000 M	850.000 M	100.00 k	849.008000 M	-25.81	-12.81
850.000 M	861.500 M	100.00 k	850.598000 M	-36.34	-23.34

Date: 22.OCT.2015 15:49:48

Highest channel

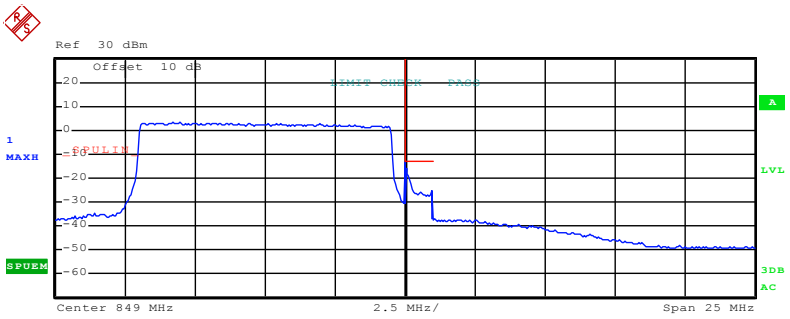
Test Mode:	LTE band 5(QPSK RB Size 50 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
811.500 M	823.000 M	100.00 k	822.862000 M	-38.96	-25.96
823.000 M	824.000 M	300.00 k	823.954000 M	-17.25	-4.25
824.000 M	836.500 M	100.00 k	826.475000 M	3.08	-29.92

Date: 22.OCT.2015 15:46:47

Lowest channel

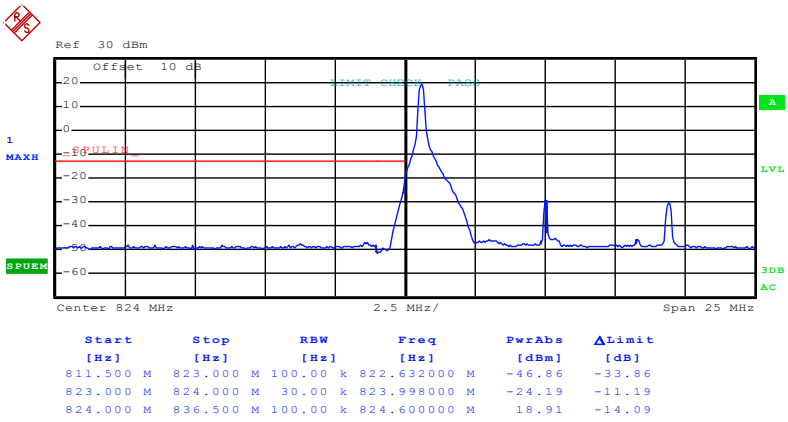


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
836.500 M	849.000 M	100.00 k	840.950000 M	3.42	-29.58
849.000 M	850.000 M	300.00 k	849.004000 M	-13.21	-0.21
850.000 M	861.500 M	100.00 k	850.046000 M	-36.99	-23.99

Date: 22.OCT.2015 15:54:52

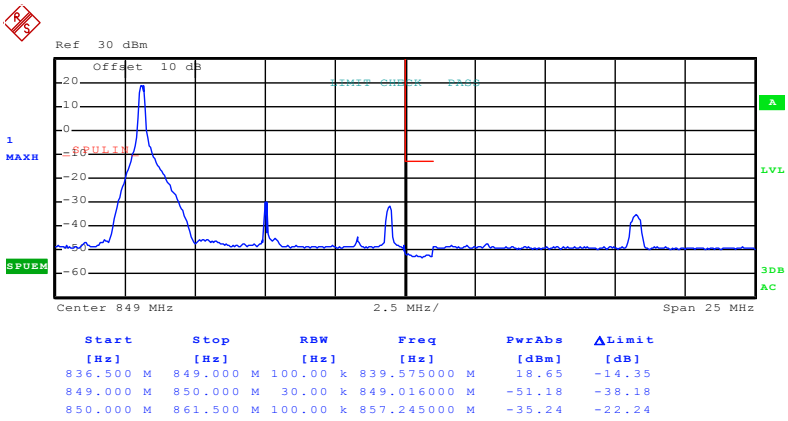
Highest channel

Test Mode:	LTE band 5(16QAM RB Size 1 & RB Offset 0)



Date: 22.OCT.2015 15:42:27

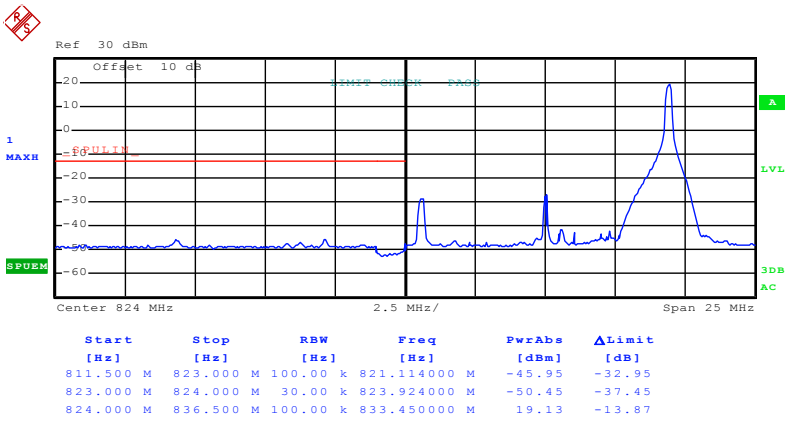
Lowest channel



Date: 22.OCT.2015 15:48:06

Highest channel

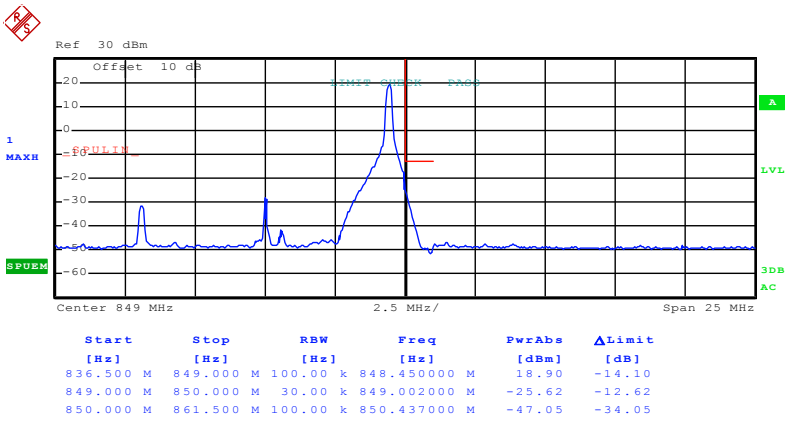
Test Mode:	LTE band 5(16QAM RB Size 1 & RB Offset 49)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
811.500 M	823.000 M	100.00 k	821.114000 M	-45.95	-32.95
823.000 M	824.000 M	30.00 k	823.924000 M	-50.45	-37.45
824.000 M	836.500 M	100.00 k	833.450000 M	19.13	-13.87

Date: 22.OCT.2015 15:43:01

Lowest channel

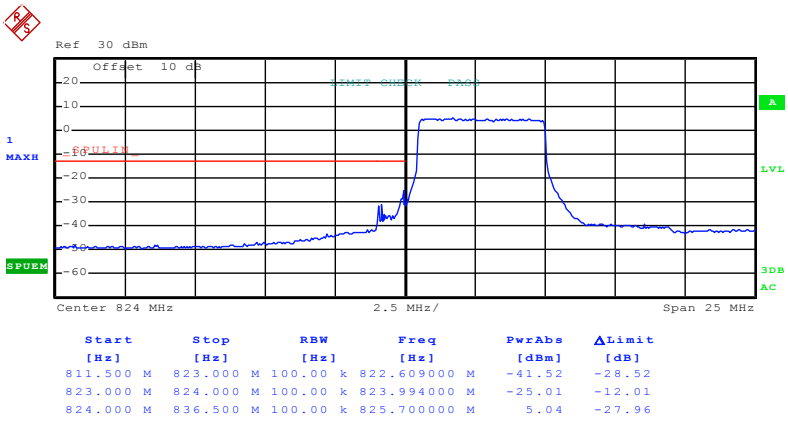


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
836.500 M	849.000 M	100.00 k	848.450000 M	18.90	-14.10
849.000 M	850.000 M	30.00 k	849.002000 M	-25.62	-12.62
850.000 M	861.500 M	100.00 k	850.437000 M	-47.05	-34.05

Date: 22.OCT.2015 15:48:19

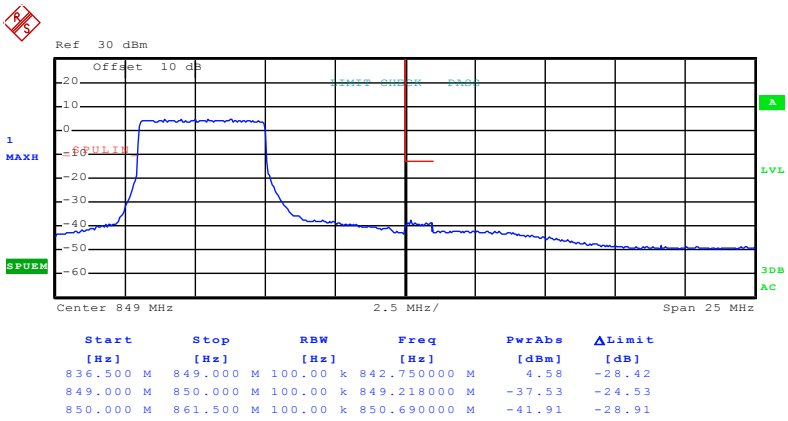
Highest channel

Test Mode:	LTE band 5(16QAM RB Size 25 & RB Offset 0)



Date: 22.OCT.2015 15:44:27

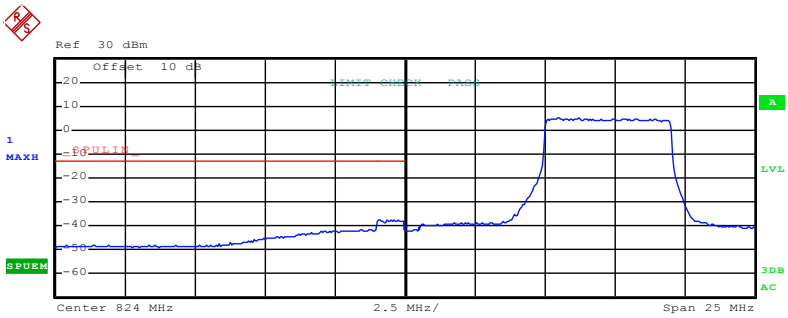
Lowest channel



Date: 22.OCT.2015 15:49:21

Highest channel

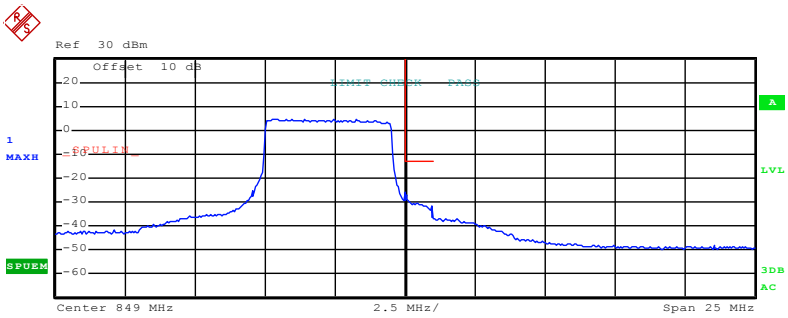
Test Mode:	LTE band 5(16QAM RB Size 25 & RB Offset 24)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
811.500 M	823.000 M	100.00 k	822.425000 M	-41.43	-28.43
823.000 M	824.000 M	100.00 k	823.352000 M	-37.48	-24.48
824.000 M	836.500 M	100.00 k	829.425000 M	4.90	-28.10

Date: 22.OCT.2015 15:46:03

Lowest channel

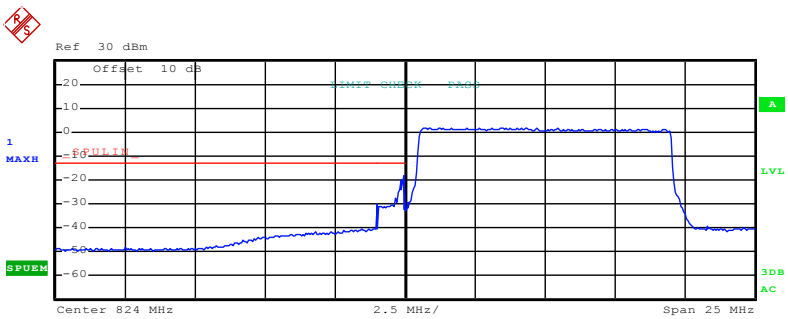


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
836.500 M	849.000 M	100.00 k	844.400000 M	4.56	-28.44
849.000 M	850.000 M	100.00 k	849.014000 M	-25.82	-12.82
850.000 M	861.500 M	100.00 k	850.368000 M	-36.74	-23.74

Date: 22.OCT.2015 15:49:33

Highest channel

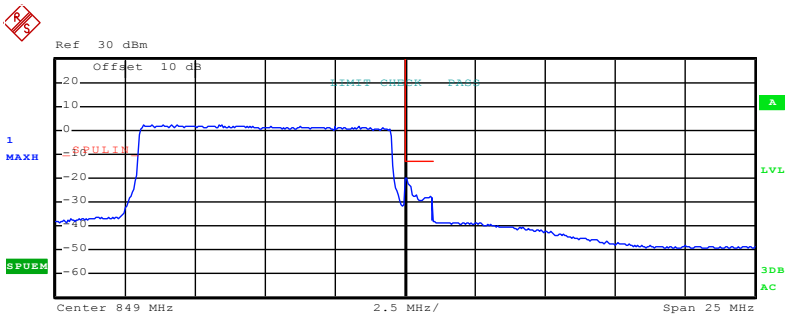
Test Mode:	LTE band 5(16QAM RB Size 50 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
811.500 M	823.000 M	100.00 k	822.701000 M	-40.37	-27.37
823.000 M	824.000 M	300.00 k	823.932000 M	-17.97	-4.97
824.000 M	836.500 M	100.00 k	827.425000 M	1.91	-31.09

Date: 22.OCT.2015 15:47:00

Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
836.500 M	849.000 M	100.00 k	842.450000 M	2.18	-30.82
849.000 M	850.000 M	300.00 k	849.024000 M	-20.24	-7.24
850.000 M	861.500 M	100.00 k	850.000000 M	-37.91	-24.91

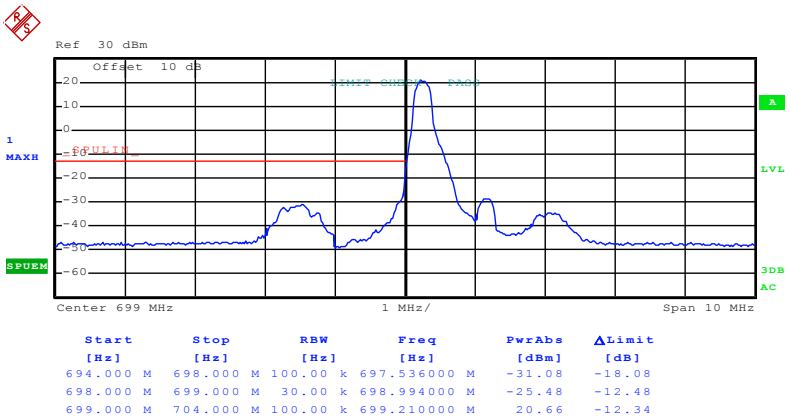
Date: 22.OCT.2015 15:55:03

Highest channel

LTE band 12 part:

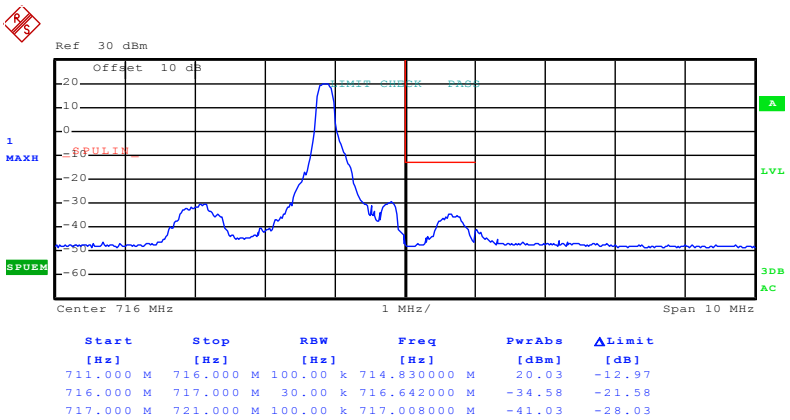
1.4MHz:

Test Mode:	LTE band 12(QPSK RB Size 1 & RB Offset 0)



Date: 22.OCT.2015 16:05:02

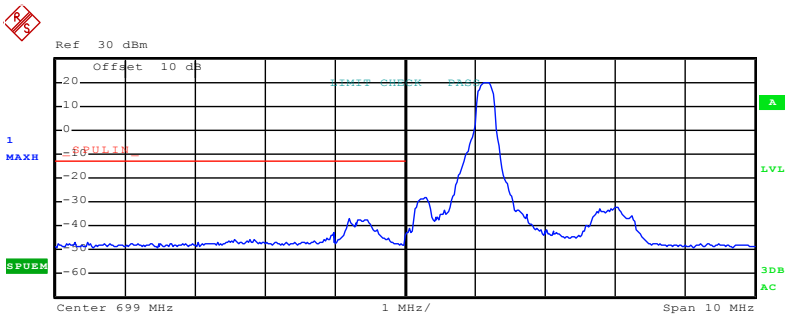
Lowest channel



Date: 22.OCT.2015 16:09:25

Highest channel

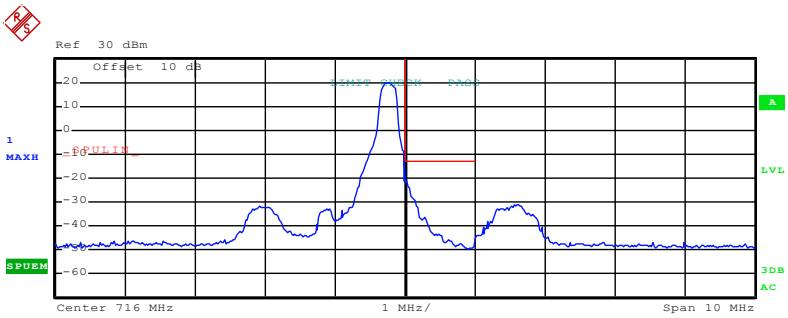
Test Mode:	LTE band 12(QPSK RB Size 1 & RB Offset 5)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
694.000 M	698.000 M	100.00 k	698.000000 M	-43.07	-30.07
698.000 M	699.000 M	30.00 k	698.194000 M	-37.01	-24.01
699.000 M	704.000 M	100.00 k	700.160000 M	19.87	-13.13

Date: 22.OCT.2015 16:06:00

Lowest channel

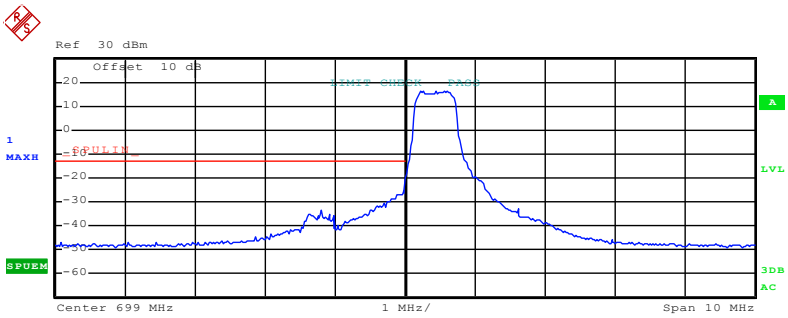


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
711.000 M	716.000 M	100.00 k	715.750000 M	20.00	-13.00
716.000 M	717.000 M	30.00 k	716.028000 M	-20.59	-7.59
717.000 M	721.000 M	100.00 k	717.608000 M	-30.88	-17.88

Date: 22.OCT.2015 16:10:07

Highest channel

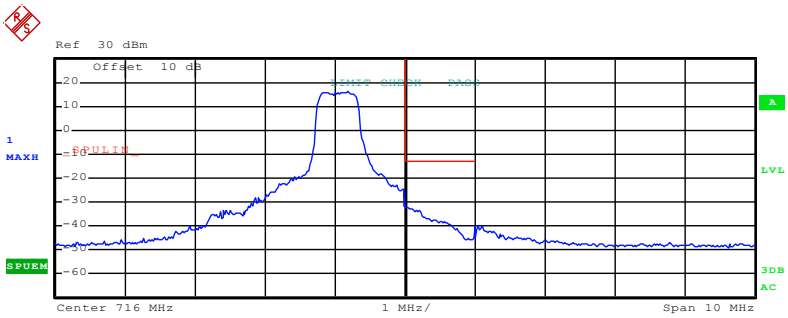
Test Mode:	LTE band 12(QPSK RB Size 3 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
694.000 M	698.000 M	100.00 k	697.800000 M	-33.71	-20.71
698.000 M	699.000 M	30.00 k	698.992000 M	-25.14	-12.14
699.000 M	704.000 M	100.00 k	699.210000 M	16.20	-16.80

Date: 22.OCT.2015 16:06:19

Lowest channel

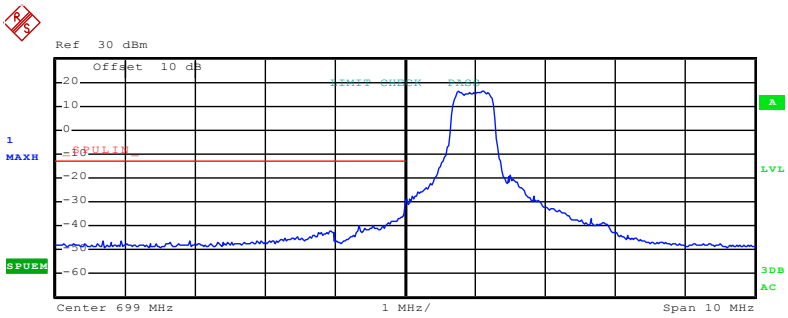


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
711.000 M	716.000 M	100.00 k	715.180000 M	16.10	-16.90
716.000 M	717.000 M	30.00 k	716.036000 M	-31.81	-18.81
717.000 M	721.000 M	100.00 k	717.000000 M	-39.74	-26.74

Date: 22.OCT.2015 16:10:26

Highest channel

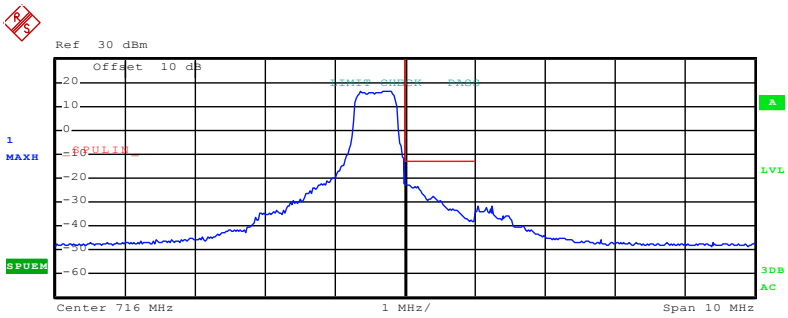
Test Mode:	LTE band 12(QPSK RB Size 3 & RB Offset 2)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
694.000 M	698.000 M	100.00 k	697.920000 M	-42.22	-29.22
698.000 M	699.000 M	30.00 k	698.982000 M	-35.17	-22.17
699.000 M	704.000 M	100.00 k	700.120000 M	16.29	-16.71

Date: 22.OCT.2015 16:07:09

Lowest channel

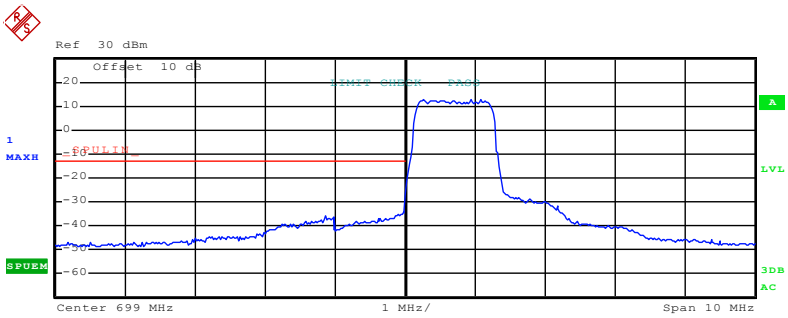


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
711.000 M	716.000 M	100.00 k	715.790000 M	16.37	-16.63
716.000 M	717.000 M	30.00 k	716.078000 M	-22.62	-9.62
717.000 M	721.000 M	100.00 k	717.232000 M	-31.88	-18.88

Date: 22.OCT.2015 16:11:57

Highest channel

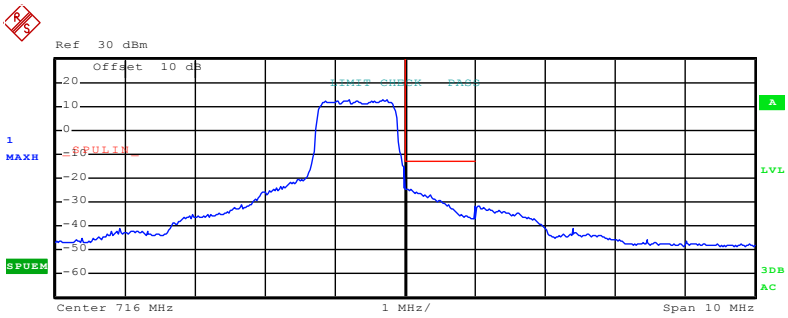
Test Mode:	LTE band 12(QPSK RB Size 6 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
694.000 M	698.000 M	100.00 k	697.848000 M	-35.98	-22.98
698.000 M	699.000 M	30.00 k	698.998000 M	-33.86	-20.86
699.000 M	704.000 M	100.00 k	699.940000 M	12.71	-20.29

Date: 22.OCT.2015 16:07:23

Lowest channel

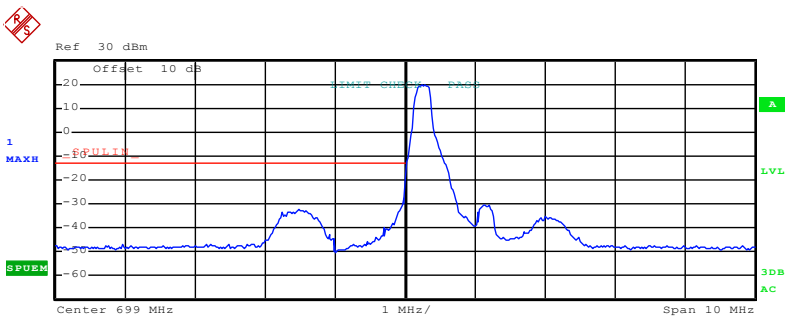


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
711.000 M	716.000 M	100.00 k	715.740000 M	12.76	-20.24
716.000 M	717.000 M	30.00 k	716.048000 M	-24.55	-11.55
717.000 M	721.000 M	100.00 k	717.056000 M	-31.41	-18.41

Date: 22.OCT.2015 16:12:48

Highest channel

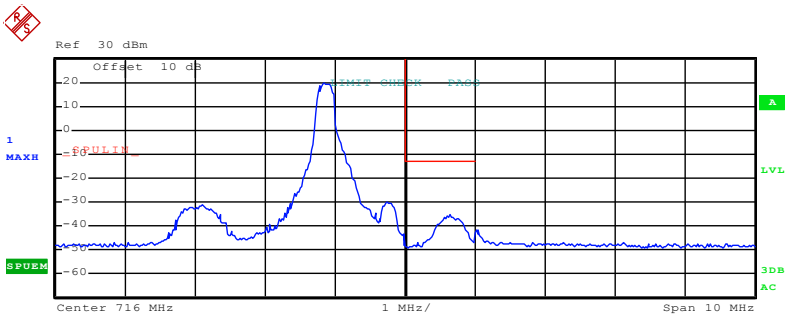
Test Mode:	LTE band 12(16QAM RB Size 1 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
694.000 M	698.000 M	100.00 k	697.464000 M	-32.35	-19.35
698.000 M	699.000 M	30.00 k	698.988000 M	-27.99	-14.99
699.000 M	704.000 M	100.00 k	699.270000 M	19.76	-13.24

Date: 22.OCT.2015 16:05:17

Lowest channel

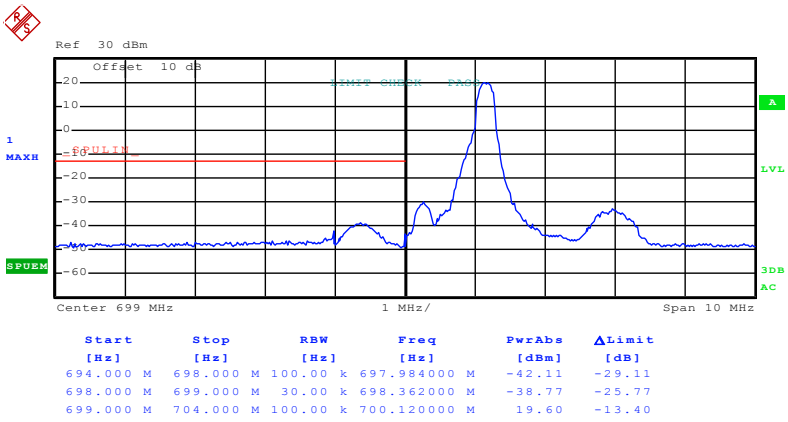


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
711.000 M	716.000 M	100.00 k	714.840000 M	19.49	-13.51
716.000 M	717.000 M	30.00 k	716.648000 M	-35.40	-22.40
717.000 M	721.000 M	100.00 k	717.008000 M	-41.81	-28.81

Date: 22.OCT.2015 16:09:38

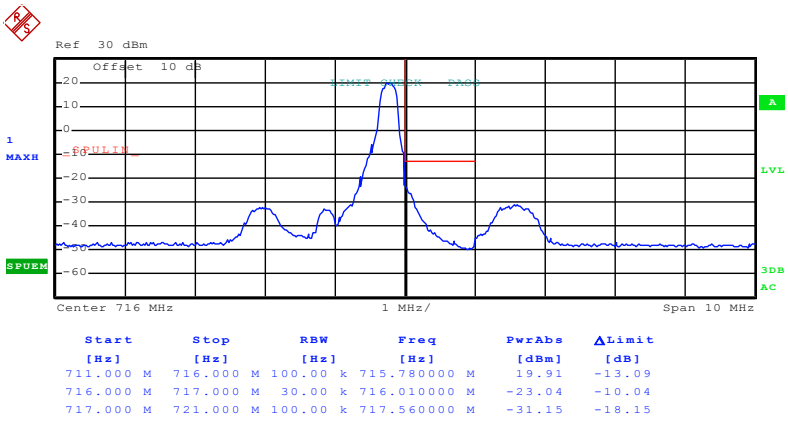
Highest channel

Test Mode:	LTE band 12(16QAM RB Size 1 & RB Offset 5)



Date: 22.OCT.2015 16:05:40

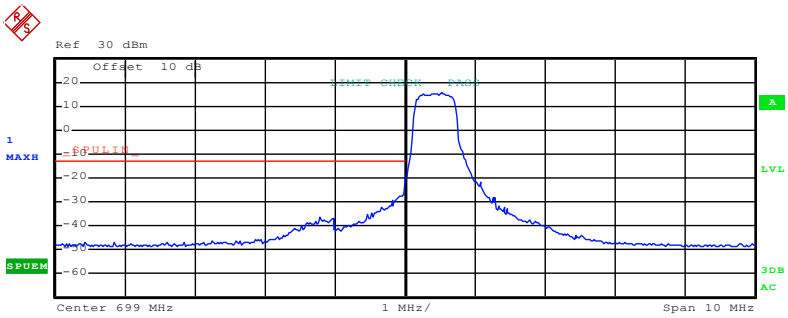
Lowest channel



Date: 22.OCT.2015 16:09:51

Highest channel

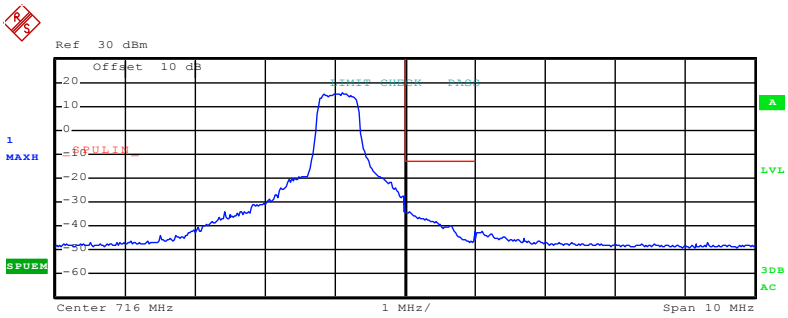
Test Mode:	LTE band 12(16QAM RB Size 3 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
694.000 M	698.000 M	100.00 k	697.776000 M	-36.56	-23.56
698.000 M	699.000 M	30.00 k	698.978000 M	-26.68	-13.68
699.000 M	704.000 M	100.00 k	699.520000 M	15.47	-17.53

Date: 22.OCT.2015 16:06:41

Lowest channel

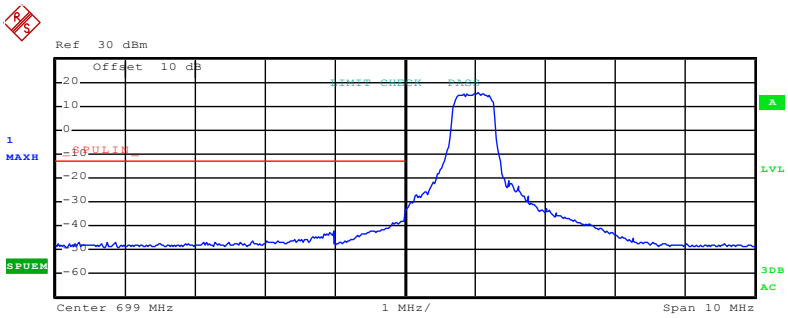


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
711.000 M	716.000 M	100.00 k	715.090000 M	15.58	-17.42
716.000 M	717.000 M	30.00 k	716.060000 M	-34.31	-21.31
717.000 M	721.000 M	100.00 k	717.088000 M	-42.18	-29.18

Date: 22.OCT.2015 16:10:41

Highest channel

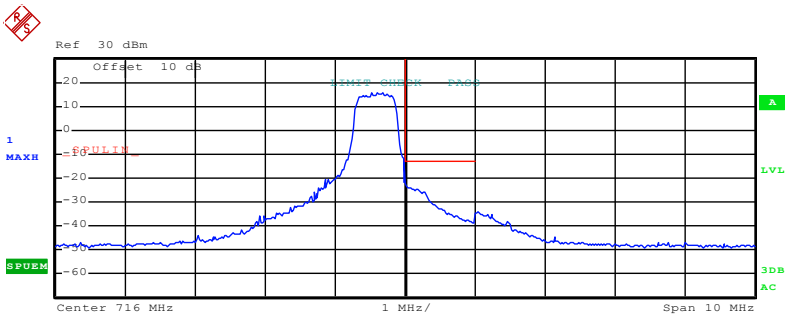
Test Mode:	LTE band 12(16QAM RB Size 3 & RB Offset 2)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
694.000 M	698.000 M	100.00 k	697.976000 M	-42.06	-29.06
698.000 M	699.000 M	30.00 k	698.972000 M	-37.90	-24.90
699.000 M	704.000 M	100.00 k	700.040000 M	15.56	-17.44

Date: 22.OCT.2015 16:06:54

Lowest channel

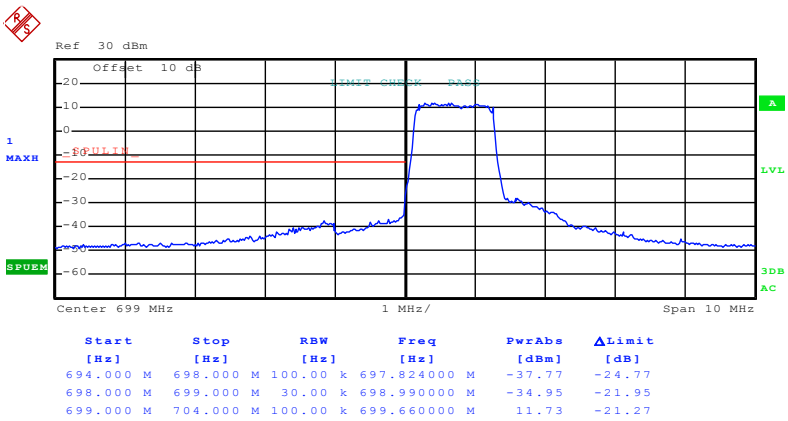


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
711.000 M	716.000 M	100.00 k	715.670000 M	15.46	-17.54
716.000 M	717.000 M	30.00 k	716.004000 M	-22.18	-9.18
717.000 M	721.000 M	100.00 k	717.024000 M	-33.96	-20.96

Date: 22.OCT.2015 16:10:55

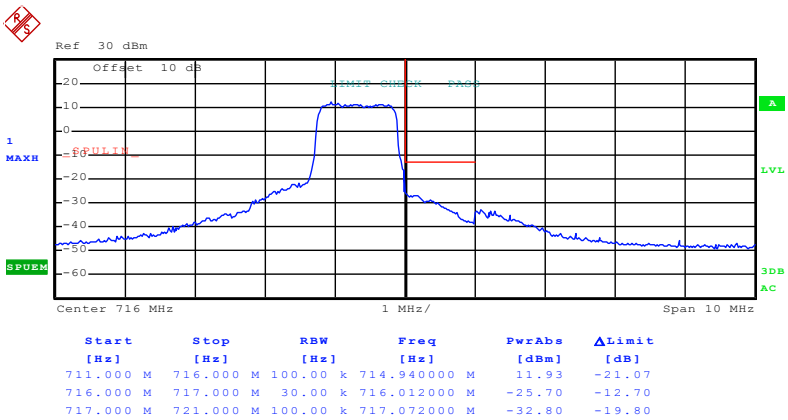
Highest channel

Test Mode:	LTE band 12(16QAM RB Size 6 & RB Offset 0)



Date: 22.OCT.2015 16:07:35

Lowest channel

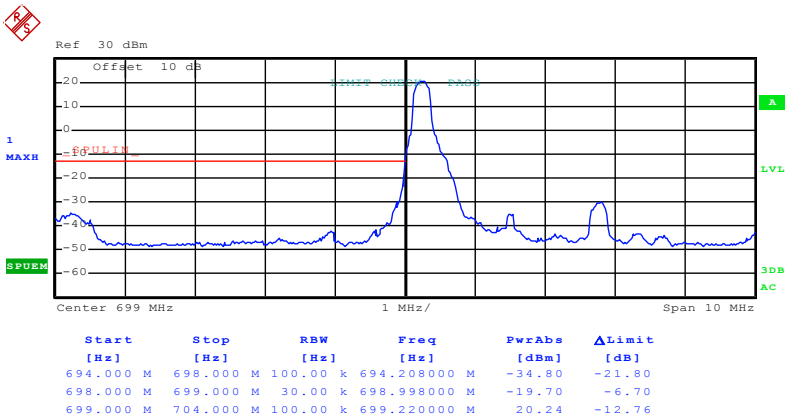


Date: 22.OCT.2015 16:13:01

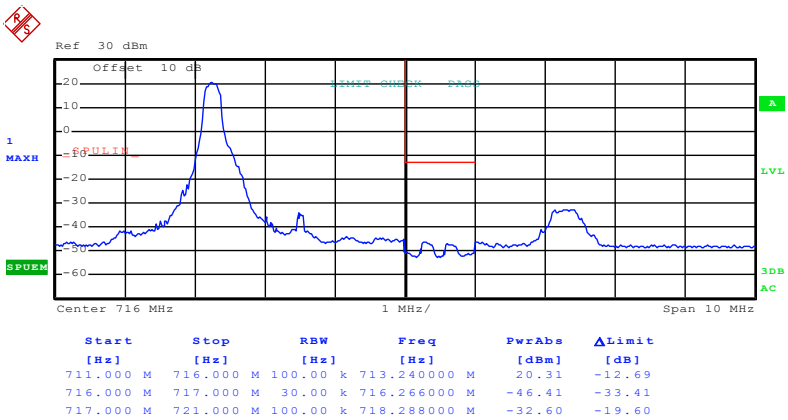
Highest channel

3MHz:

Test Mode:	LTE band 12(QPSK RB Size 1 & RB Offset 0)

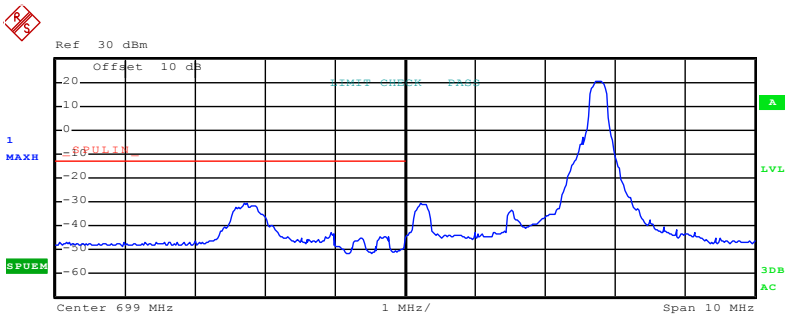


Lowest channel



Highest channel

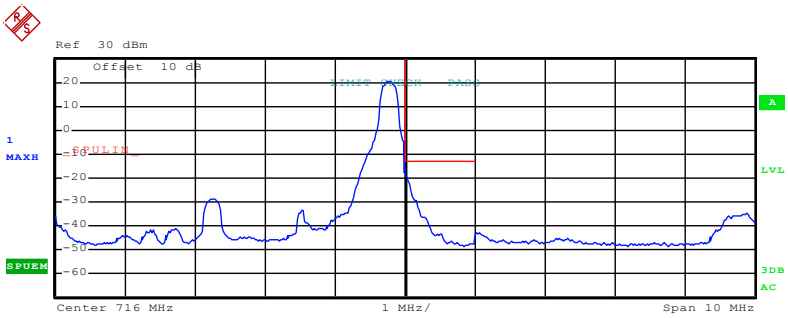
Test Mode:	LTE band 12(QPSK RB Size 1 & RB Offset 14)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
694.000 M	698.000 M	100.00 k	696.696000 M	-30.65	-17.65
698.000 M	699.000 M	30.00 k	698.710000 M	-44.42	-31.42
699.000 M	704.000 M	100.00 k	701.740000 M	20.53	-12.47

Date: 22.OCT.2015 16:20:00

Lowest channel

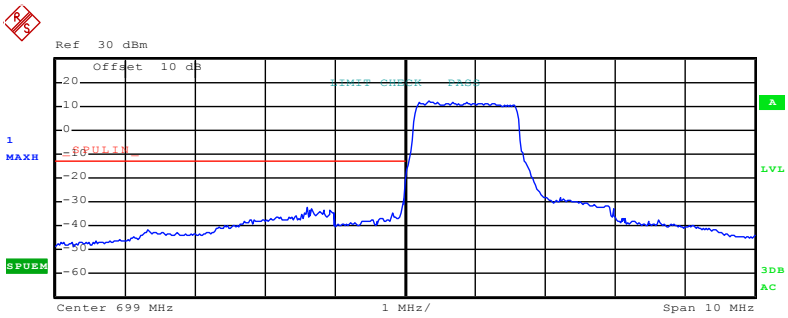


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
711.000 M	716.000 M	100.00 k	715.790000 M	20.64	-12.36
716.000 M	717.000 M	30.00 k	716.002000 M	-18.85	-5.85
717.000 M	721.000 M	100.00 k	720.880000 M	-34.70	-21.70

Date: 22.OCT.2015 16:23:49

Highest channel

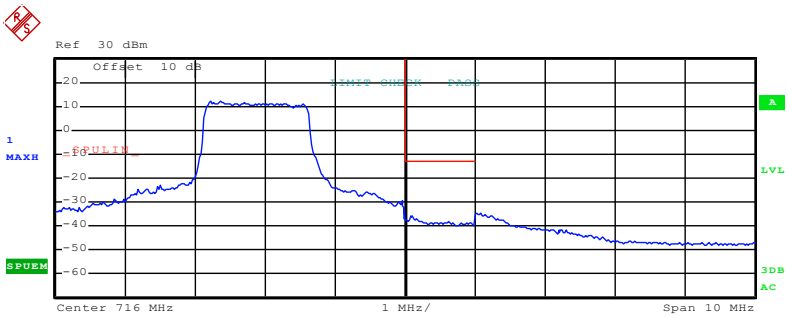
Test Mode:	LTE band 12(QPSK RB Size 8 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
694.000 M	698.000 M	100.00 k	697.592000 M	-32.40	-19.40
698.000 M	699.000 M	30.00 k	698.992000 M	-28.78	-15.78
699.000 M	704.000 M	100.00 k	699.340000 M	12.26	-20.74

Date: 22.OCT.2015 16:20:31

Lowest channel

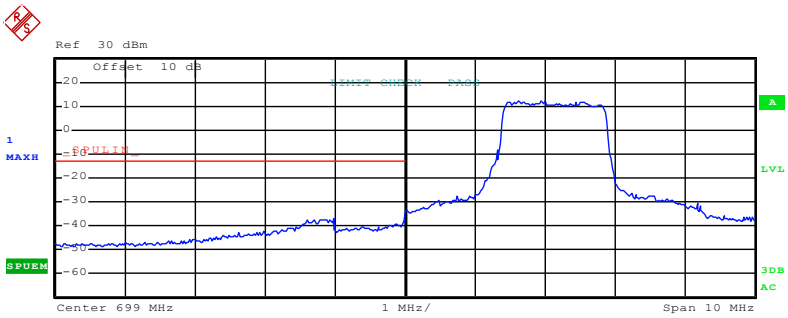


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
711.000 M	716.000 M	100.00 k	713.360000 M	12.12	-20.88
716.000 M	717.000 M	30.00 k	716.086000 M	-35.80	-22.80
717.000 M	721.000 M	100.00 k	717.072000 M	-34.79	-21.79

Date: 22.OCT.2015 16:25:41

Highest channel

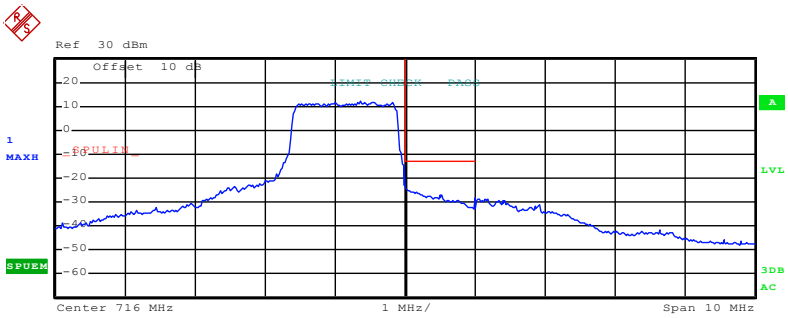
Test Mode:	LTE band 12(QPSK RB Size 8 & RB Offset 7)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
694.000 M	698.000 M	100.00 k	698.000000 M	-37.13	-24.13
698.000 M	699.000 M	30.00 k	698.982000 M	-38.20	-25.20
699.000 M	704.000 M	100.00 k	700.610000 M	12.22	-20.78

Date: 22.OCT.2015 16:21:26

Lowest channel

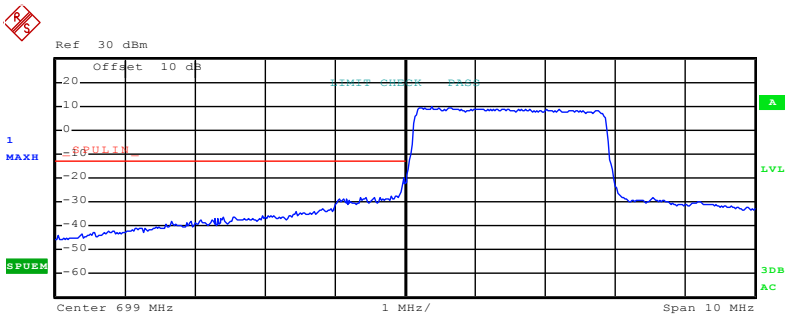


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
711.000 M	716.000 M	100.00 k	715.360000 M	11.94	-21.06
716.000 M	717.000 M	30.00 k	716.002000 M	-23.61	-10.61
717.000 M	721.000 M	100.00 k	717.000000 M	-28.33	-15.33

Date: 22.OCT.2015 16:26:44

Highest channel

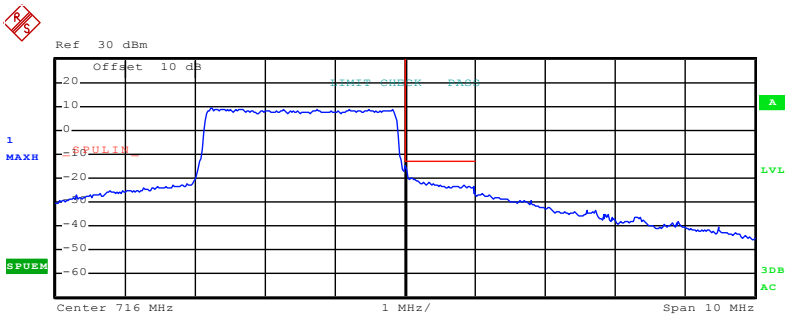
Test Mode:	LTE band 12(QPSK RB Size 15 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
694.000 M	698.000 M	100.00 k	697.808000 M	-32.97	-19.97
698.000 M	699.000 M	100.00 k	698.990000 M	-19.92	-6.92
699.000 M	704.000 M	100.00 k	699.380000 M	9.61	-23.39

Date: 22.OCT.2015 16:21:48

Lowest channel

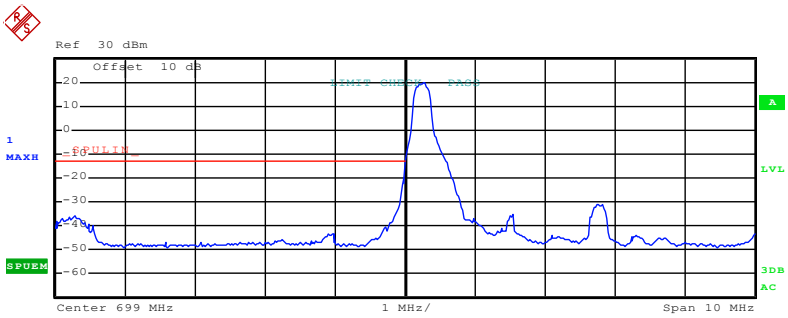


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
711.000 M	716.000 M	100.00 k	713.230000 M	9.04	-23.96
716.000 M	717.000 M	100.00 k	716.006000 M	-14.67	-1.67
717.000 M	721.000 M	100.00 k	717.112000 M	-26.22	-13.22

Date: 22.OCT.2015 16:27:11

Highest channel

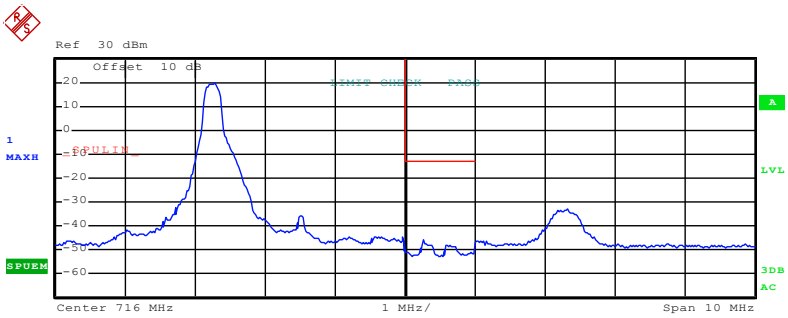
Test Mode:	LTE band 12(16QAM RB Size 1 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
694.000 M	698.000 M	100.00 k	694.264000 M	-35.85	-22.85
698.000 M	699.000 M	30.00 k	698.998000 M	-19.94	-6.94
699.000 M	704.000 M	100.00 k	699.260000 M	19.78	-13.22

Date: 22.OCT.2015 16:19:16

Lowest channel

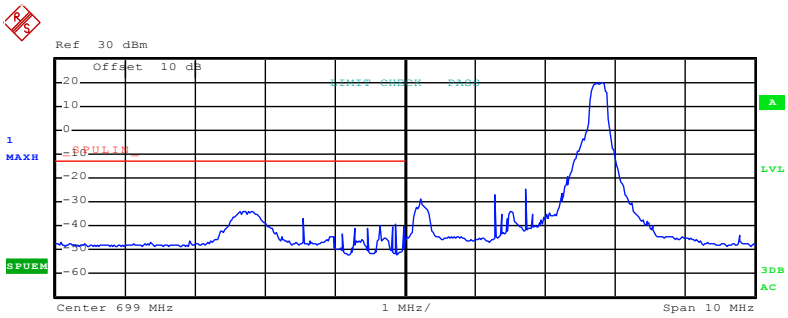


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
711.000 M	716.000 M	100.00 k	713.280000 M	19.99	-13.01
716.000 M	717.000 M	30.00 k	716.250000 M	-45.94	-32.94
717.000 M	721.000 M	100.00 k	718.320000 M	-32.94	-19.94

Date: 22.OCT.2015 16:23:06

Highest channel

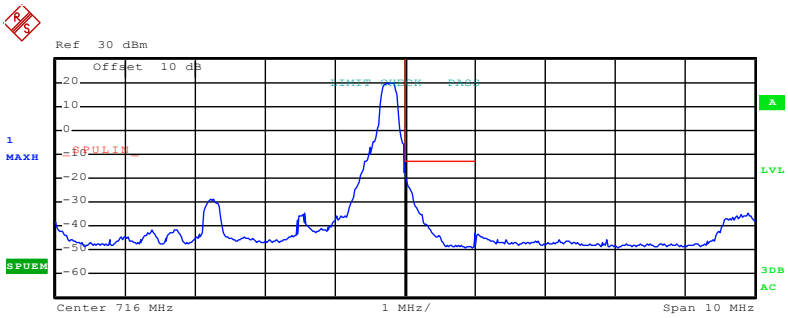
Test Mode:	LTE band 12(16QAM RB Size 1 & RB Offset 14)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
694.000 M	698.000 M	100.00 k	696.688000 M	-34.02	-21.02
698.000 M	699.000 M	30.00 k	698.856000 M	-39.54	-26.54
699.000 M	704.000 M	100.00 k	701.740000 M	19.91	-13.09

Date: 22.OCT.2015 16:19:34

Lowest channel

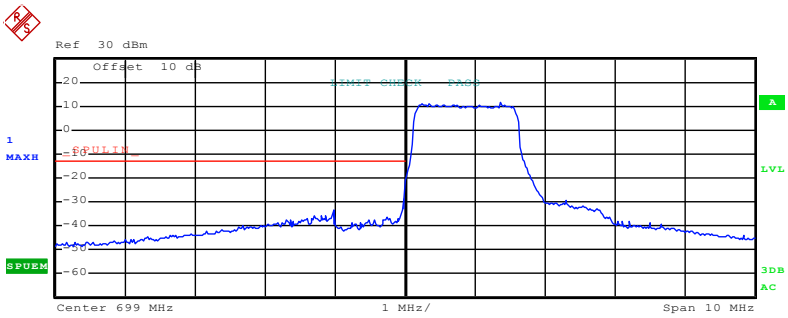


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
711.000 M	716.000 M	100.00 k	715.780000 M	19.91	-13.09
716.000 M	717.000 M	30.00 k	716.004000 M	-18.58	-5.58
717.000 M	721.000 M	100.00 k	720.896000 M	-34.91	-21.91

Date: 22.OCT.2015 16:23:21

Highest channel

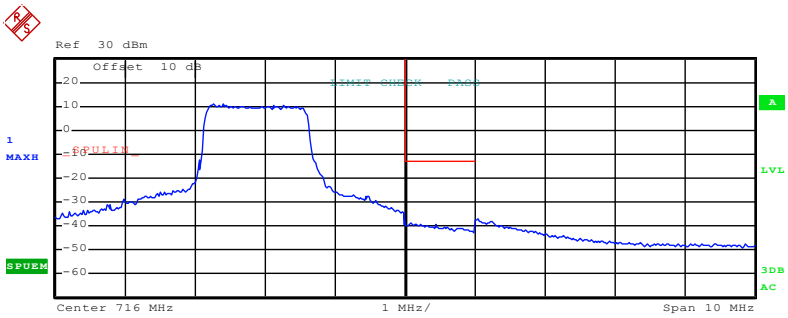
Test Mode:	LTE band 12(16QAM RB Size 8 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
694.000 M	698.000 M	100.00 k	697.992000 M	-33.71	-20.71
698.000 M	699.000 M	30.00 k	698.998000 M	-29.55	-16.55
699.000 M	704.000 M	100.00 k	700.350000 M	11.30	-21.70

Date: 22.OCT.2015 16:20:51

Lowest channel

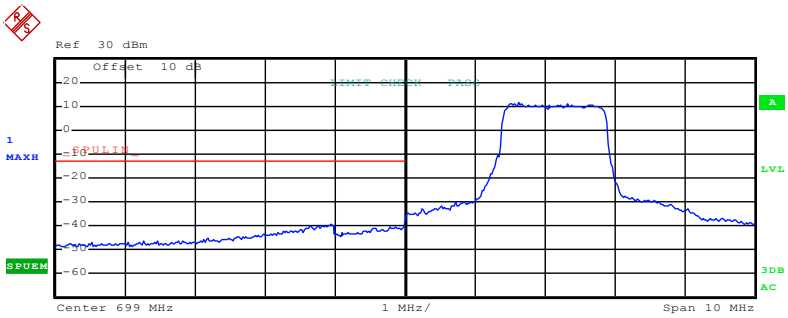


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
711.000 M	716.000 M	100.00 k	713.400000 M	10.76	-22.24
716.000 M	717.000 M	30.00 k	716.096000 M	-38.04	-25.04
717.000 M	721.000 M	100.00 k	717.032000 M	-37.22	-24.22

Date: 22.OCT.2015 16:25:58

Highest channel

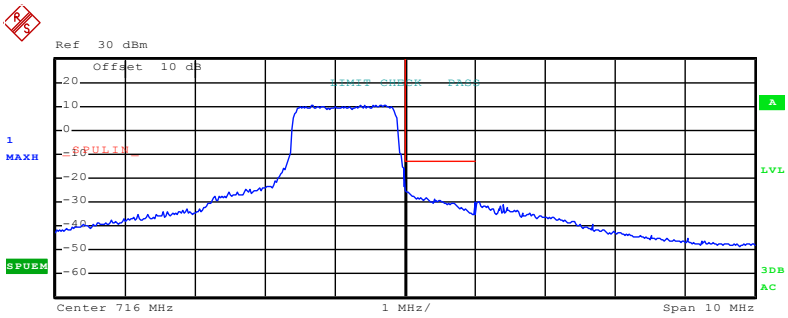
Test Mode:	LTE band 12(16QAM RB Size 8 & RB Offset 7)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
694.000 M	698.000 M	100.00 k	697.928000 M	-39.30	-26.30
698.000 M	699.000 M	30.00 k	698.970000 M	-40.33	-27.33
699.000 M	704.000 M	100.00 k	700.610000 M	11.52	-21.48

Date: 22.OCT.2015 16:21:10

Lowest channel

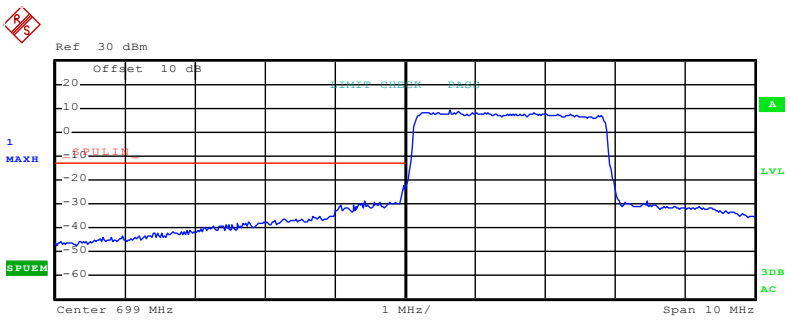


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
711.000 M	716.000 M	100.00 k	715.570000 M	10.66	-22.34
716.000 M	717.000 M	30.00 k	716.002000 M	-24.13	-11.13
717.000 M	721.000 M	100.00 k	717.056000 M	-29.84	-16.84

Date: 22.OCT.2015 16:26:13

Highest channel

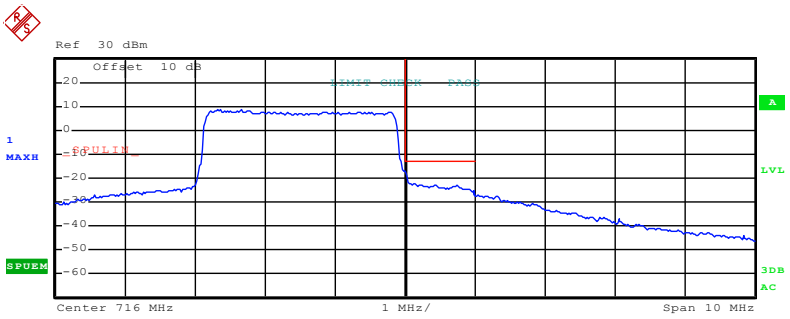
Test Mode:	LTE band 12(16QAM RB Size 15 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
694.000 M	698.000 M	100.00 k	697.944000 M	-34.98	-21.98
698.000 M	699.000 M	100.00 k	698.992000 M	-22.09	-9.09
699.000 M	704.000 M	100.00 k	699.640000 M	9.03	-23.97

Date: 22.OCT.2015 16:22:02

Lowest channel



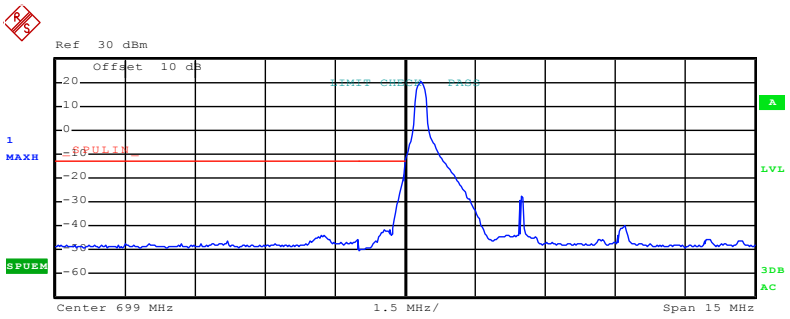
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
711.000 M	716.000 M	100.00 k	713.360000 M	8.82	-24.18
716.000 M	717.000 M	100.00 k	716.006000 M	-16.90	-3.90
717.000 M	721.000 M	100.00 k	717.032000 M	-27.10	-14.10

Date: 22.OCT.2015 16:27:46

Highest channel

5MHz:

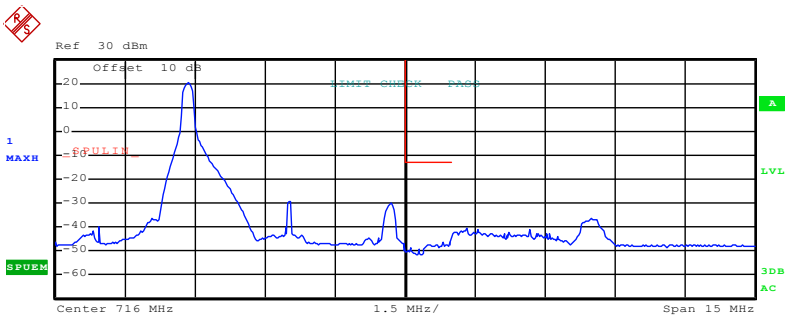
Test Mode:	LTE band 12(QPSK RB Size 1 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
691.500 M	698.000 M	100.00 k	697.259000 M	-43.85	-30.85
698.000 M	699.000 M	30.00 k	698.998000 M	-18.60	-5.60
699.000 M	706.500 M	100.00 k	699.330000 M	20.11	-12.89

Date: 22.OCT.2015 16:30:52

Lowest channel

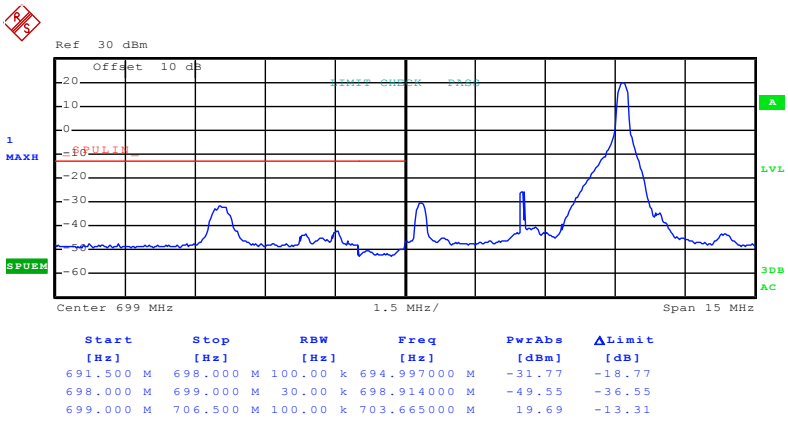


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
708.500 M	716.000 M	100.00 k	711.335000 M	20.14	-12.86
716.000 M	717.000 M	30.00 k	716.806000 M	-46.55	-33.55
717.000 M	723.500 M	100.00 k	719.964000 M	-36.33	-23.33

Date: 22.OCT.2015 16:39:36

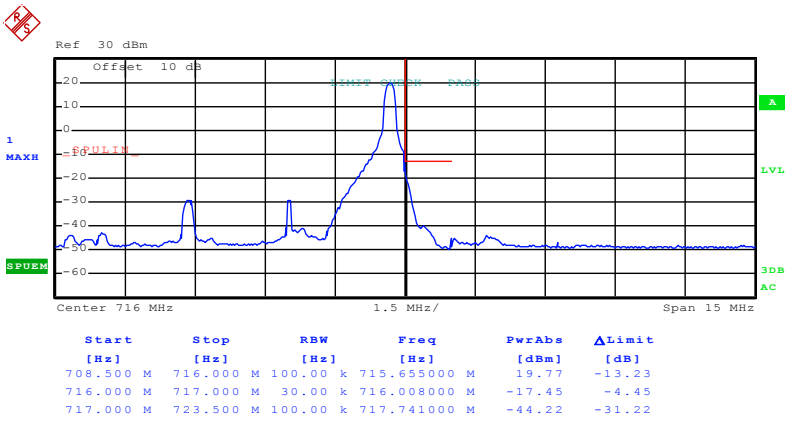
Highest channel

Test Mode:	LTE band 12(QPSK RB Size 1 & RB Offset 24)



Date: 22.OCT.2015 16:31:48

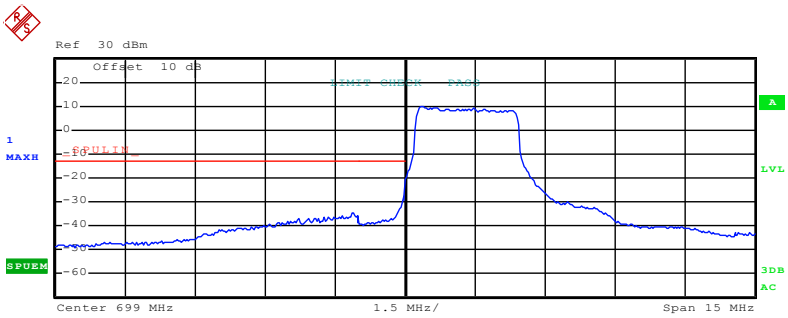
Lowest channel



Date: 22.OCT.2015 16:40:38

Highest channel

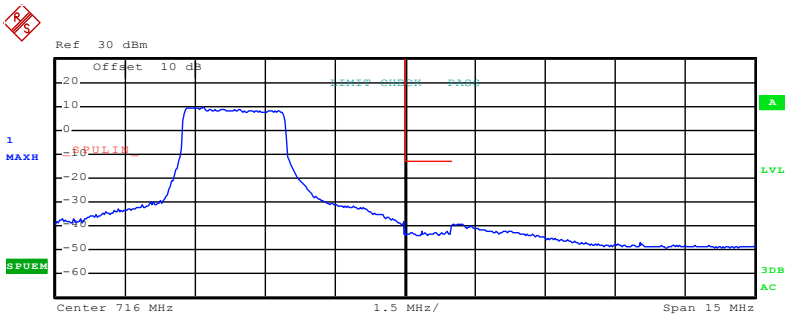
Test Mode:	LTE band 12(QPSK RB Size 12 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
691.500 M	698.000 M	100.00 k	697.883000 M	-34.87	-21.87
698.000 M	699.000 M	30.00 k	698.998000 M	-27.65	-14.65
699.000 M	706.500 M	100.00 k	699.345000 M	9.81	-23.19

Date: 22.OCT.2015 16:32:21

Lowest channel

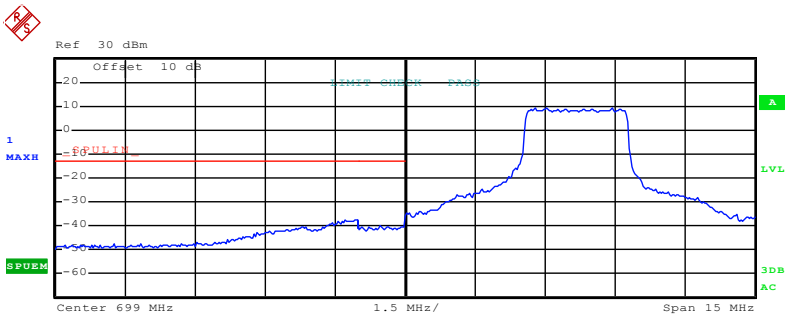


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
708.500 M	716.000 M	100.00 k	711.665000 M	9.66	-23.34
716.000 M	717.000 M	30.00 k	716.884000 M	-42.11	-29.11
717.000 M	723.500 M	100.00 k	717.091000 M	-39.07	-26.07

Date: 22.OCT.2015 16:40:59

Highest channel

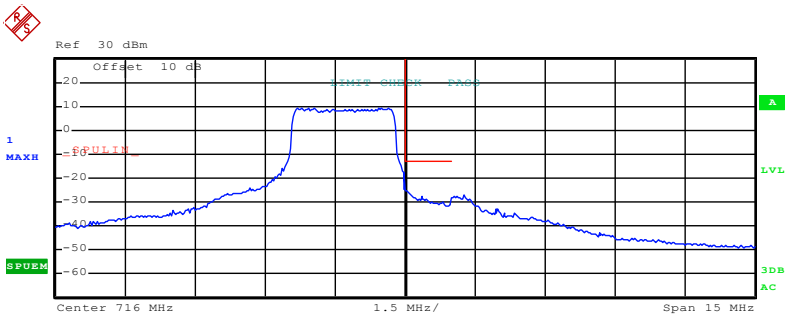
Test Mode:	LTE band 12(QPSK RB Size 12 & RB Offset 11)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
691.500 M	698.000 M	100.00 k	697.948000 M	-37.57	-24.57
698.000 M	699.000 M	30.00 k	698.452000 M	-40.08	-27.08
699.000 M	706.500 M	100.00 k	702.030000 M	9.31	-23.69

Date: 22.OCT.2015 16:33:07

Lowest channel

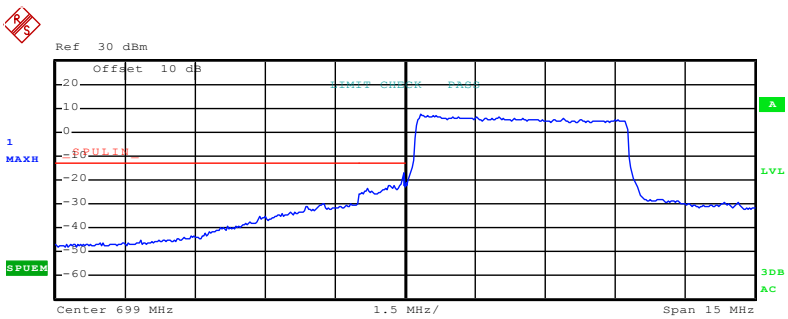


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
708.500 M	716.000 M	100.00 k	713.765000 M	9.27	-23.73
716.000 M	717.000 M	30.00 k	716.030000 M	-24.29	-11.29
717.000 M	723.500 M	100.00 k	717.234000 M	-27.28	-14.28

Date: 22.OCT.2015 16:42:05

Highest channel

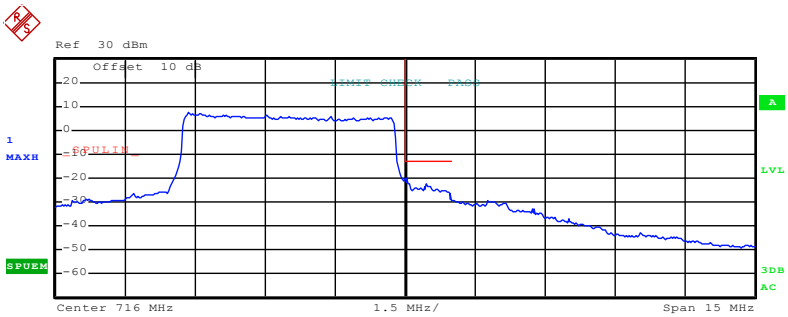
Test Mode:	LTE band 12(QPSK RB Size 25& RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
691.500 M	698.000 M	100.00 k	697.233000 M	-30.04	-17.04
698.000 M	699.000 M	100.00 k	698.988000 M	-17.92	-4.92
699.000 M	706.500 M	100.00 k	699.330000 M	7.49	-25.51

Date: 22.OCT.2015 16:33:51

Lowest channel

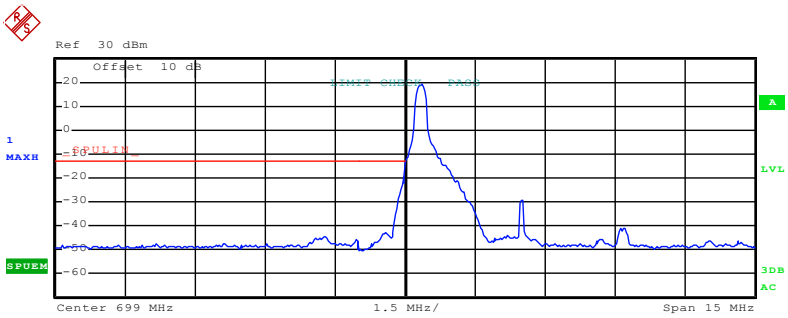


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
708.500 M	716.000 M	100.00 k	711.335000 M	7.21	-25.79
716.000 M	717.000 M	100.00 k	716.006000 M	-19.72	-6.72
717.000 M	723.500 M	100.00 k	717.013000 M	-29.25	-16.25

Date: 22.OCT.2015 16:43:47

Highest channel

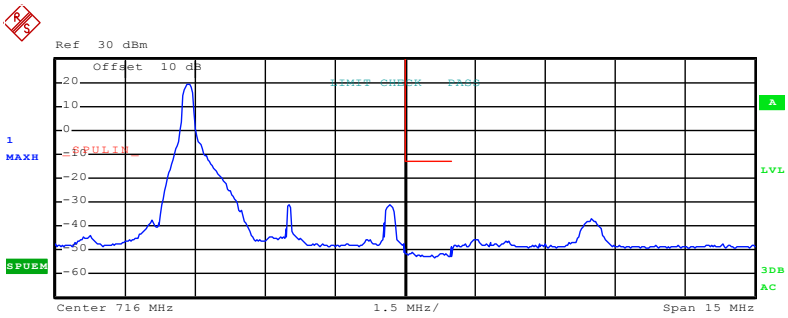
Test Mode:	LTE band 12(16QAM RB Size 1 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
691.500 M	698.000 M	100.00 k	697.259000 M	-44.49	-31.49
698.000 M	699.000 M	30.00 k	698.996000 M	-19.62	-6.62
699.000 M	706.500 M	100.00 k	699.345000 M	19.20	-13.80

Date: 22.OCT.2015 16:31:08

Lowest channel

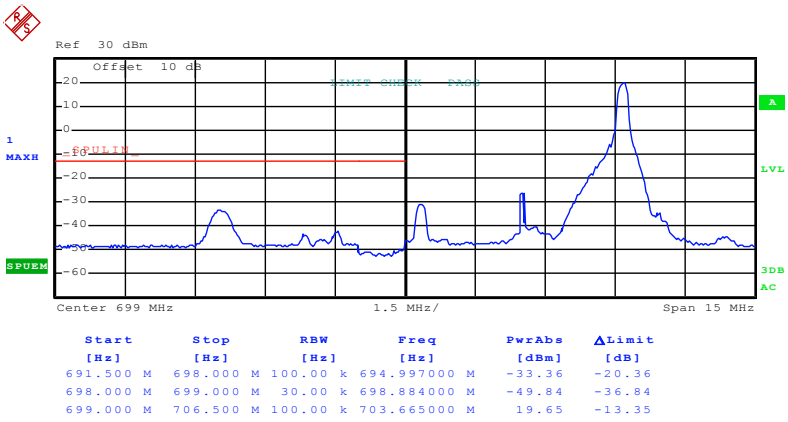


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
708.500 M	716.000 M	100.00 k	711.365000 M	19.16	-13.84
716.000 M	717.000 M	30.00 k	716.862000 M	-50.93	-37.93
717.000 M	723.500 M	100.00 k	719.990000 M	-37.01	-24.01

Date: 22.OCT.2015 16:40:03

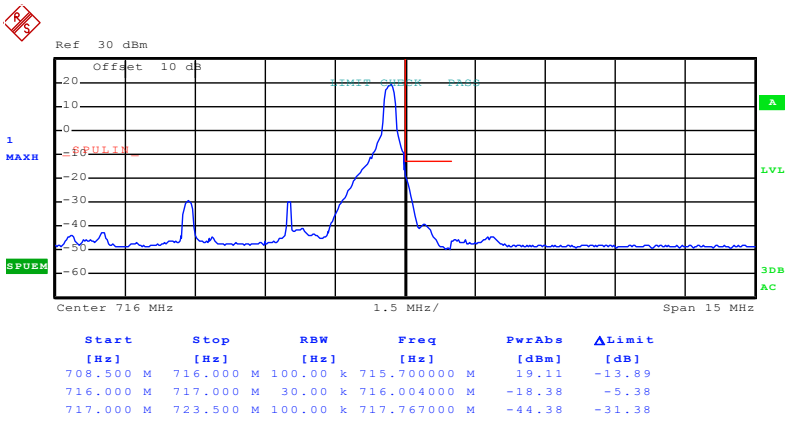
Highest channel

Test Mode:	LTE band 12(16QAM RB Size 1 & RB Offset 24)



Date: 22.OCT.2015 16:31:28

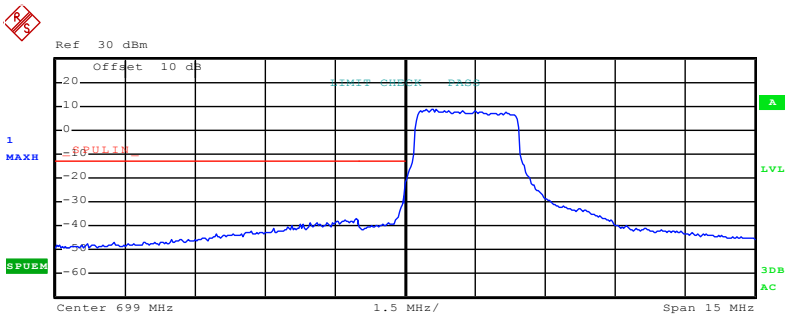
Lowest channel



Date: 22.OCT.2015 16:40:25

Highest channel

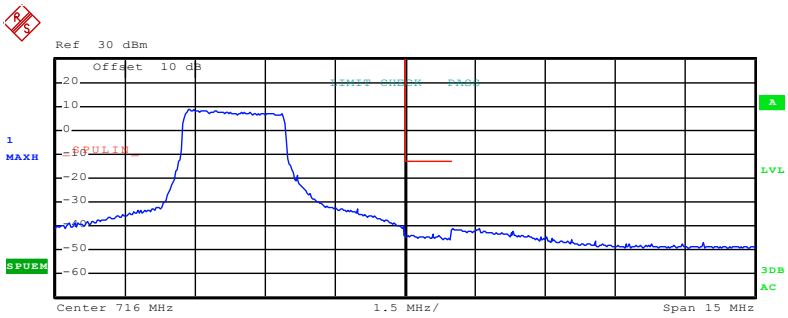
Test Mode:	LTE band 12(16QAM RB Size 12 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
691.500 M	698.000 M	100.00 k	697.948000 M	-36.97	-23.97
698.000 M	699.000 M	30.00 k	698.992000 M	-27.96	-14.96
699.000 M	706.500 M	100.00 k	699.435000 M	8.65	-24.35

Date: 22.OCT.2015 16:32:36

Lowest channel

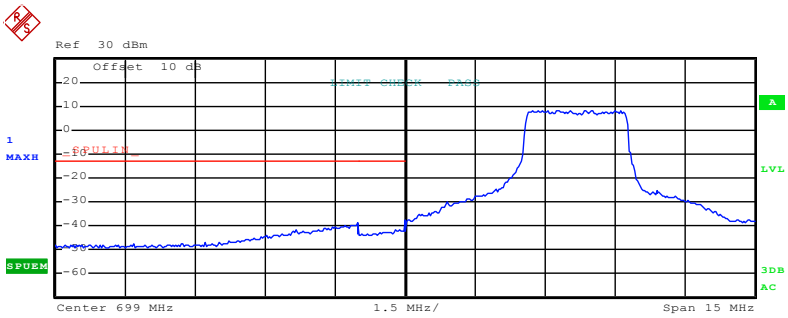


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
708.500 M	716.000 M	100.00 k	711.365000 M	8.71	-24.29
716.000 M	717.000 M	30.00 k	716.588000 M	-43.64	-30.64
717.000 M	723.500 M	100.00 k	717.572000 M	-40.92	-27.92

Date: 22.OCT.2015 16:41:13

Highest channel

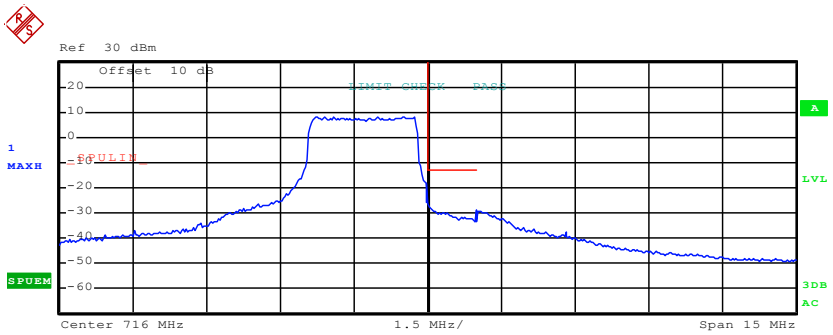
Test Mode:	LTE band 12(16QAM RB Size 12 & RB Offset 11)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
691.500 M	698.000 M	100.00 k	698.000000 M	-38.84	-25.84
698.000 M	699.000 M	30.00 k	698.864000 M	-41.36	-28.36
699.000 M	706.500 M	100.00 k	702.990000 M	8.30	-24.70

Date: 22.OCT.2015 16:32:51

Lowest channel

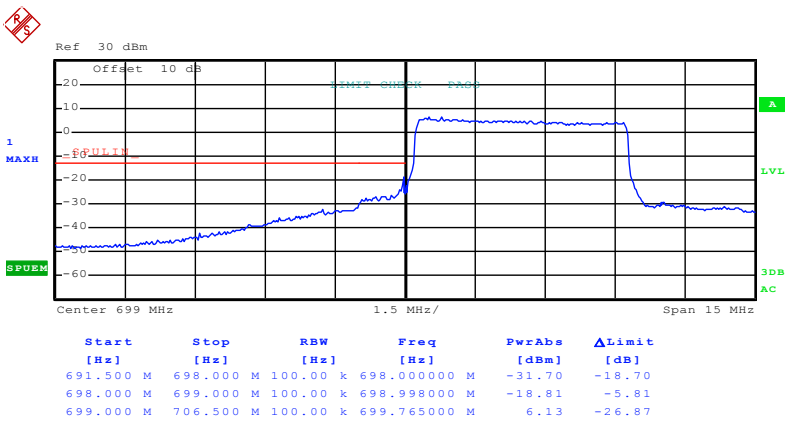


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
708.500 M	716.000 M	100.00 k	715.505000 M	8.22	-24.78
716.000 M	717.000 M	30.00 k	716.028000 M	-26.97	-13.97
717.000 M	723.500 M	100.00 k	717.000000 M	-28.77	-15.77

Date: 22.OCT.2015 16:41:31

Highest channel

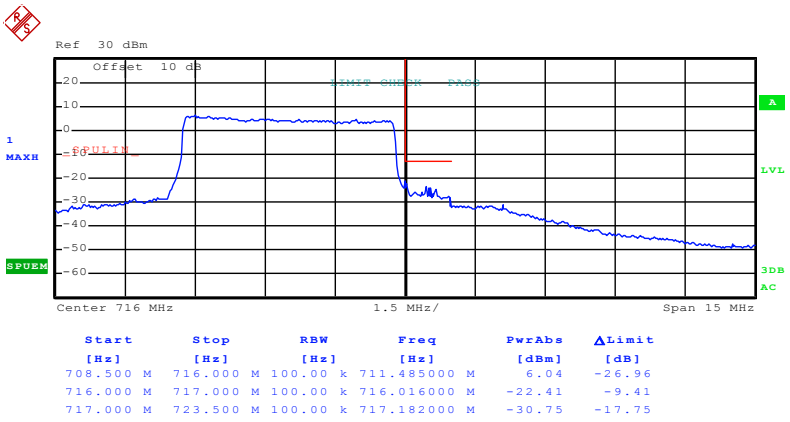
Test Mode:	LTE band 12(16QAM RB Size 25 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
691.500 M	698.000 M	100.00 k	698.000000 M	-31.70	-18.70
698.000 M	699.000 M	100.00 k	698.998000 M	-18.81	-5.81
699.000 M	706.500 M	100.00 k	699.765000 M	6.13	-26.87

Date: 22.OCT.2015 16:34:05

Lowest channel



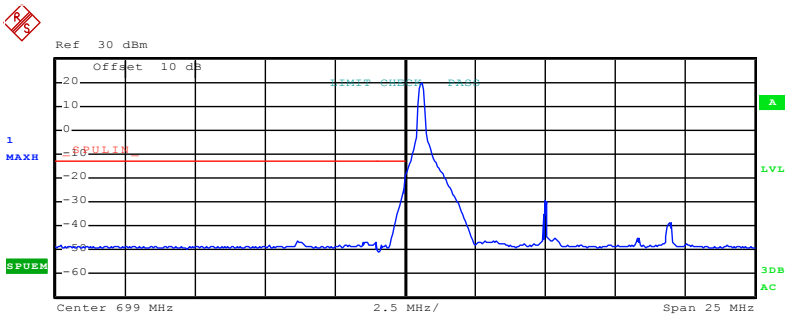
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
708.500 M	716.000 M	100.00 k	711.485000 M	6.04	-26.96
716.000 M	717.000 M	100.00 k	716.016000 M	-22.41	-9.41
717.000 M	723.500 M	100.00 k	717.182000 M	-30.75	-17.75

Date: 22.OCT.2015 16:44:00

Highest channel

10MHz:

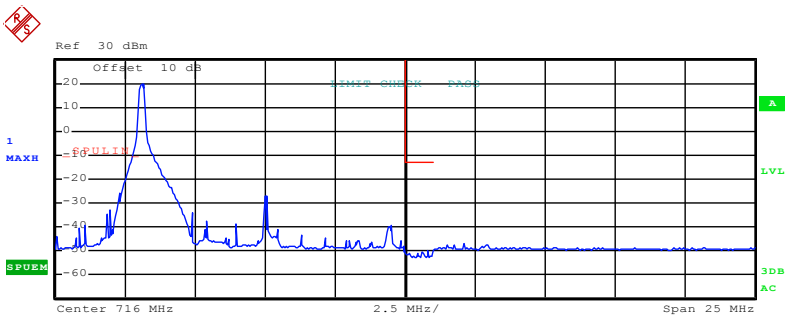
Test Mode:	LTE band 12(QPSK RB Size 1 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
686.500 M	698.000 M	100.00 k	695.148000 M	-46.48	-33.48
698.000 M	699.000 M	30.00 k	698.992000 M	-24.55	-11.55
699.000 M	711.500 M	100.00 k	699.575000 M	19.82	-13.18

Date: 22.OCT.2015 16:46:44

Lowest channel

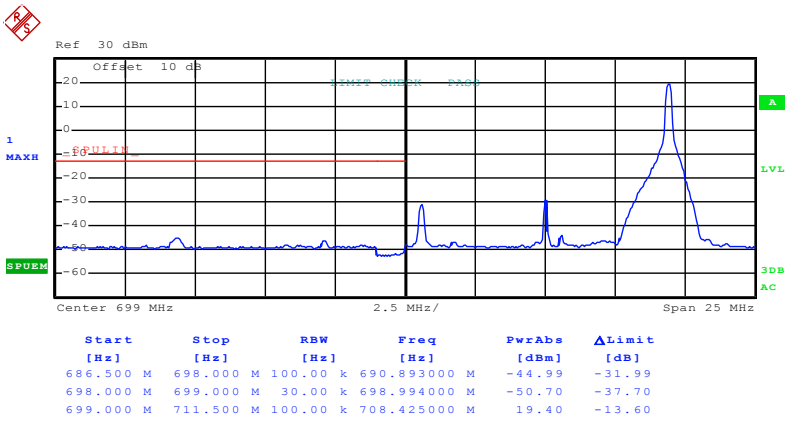


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
703.500 M	716.000 M	100.00 k	706.600000 M	19.99	-13.01
716.000 M	717.000 M	30.00 k	716.782000 M	-49.84	-36.84
717.000 M	728.500 M	100.00 k	718.081000 M	-47.06	-34.06

Date: 22.OCT.2015 17:06:38

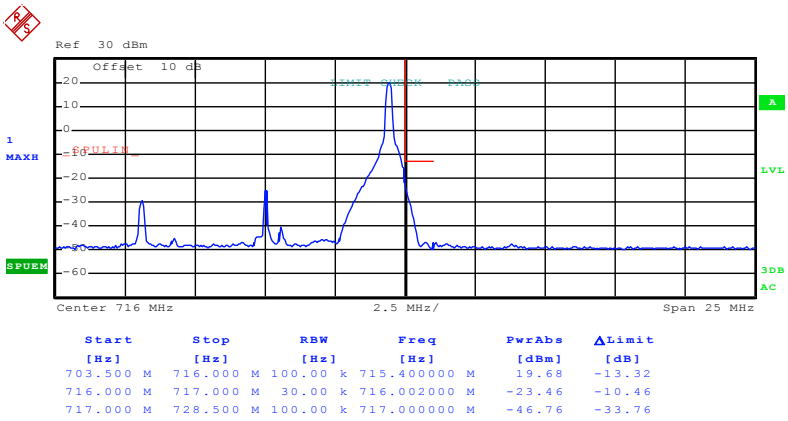
Highest channel

Test Mode:	LTE band 12(QPSK RB Size 1 & RB Offset 49)



Date: 22.OCT.2015 16:58:48

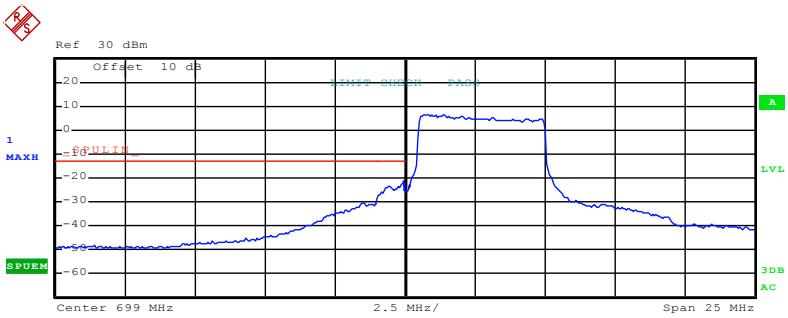
Lowest channel



Date: 22.OCT.2015 17:07:23

Highest channel

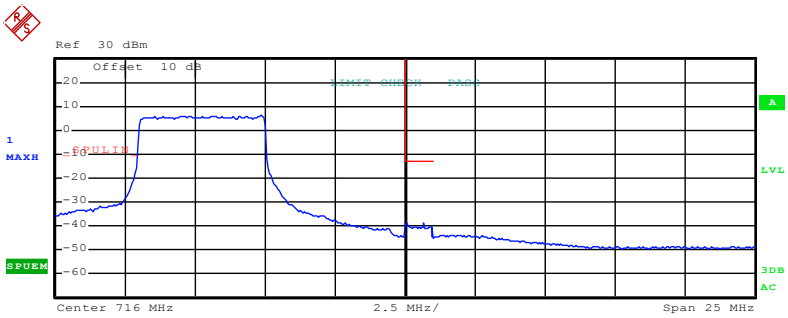
Test Mode:	LTE band 12(QPSK RB Size 25 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
686.500 M	698.000 M	100.00 k	697.448000 M	-30.46	-17.46
698.000 M	699.000 M	100.00 k	698.976000 M	-21.28	-8.28
699.000 M	711.500 M	100.00 k	699.800000 M	6.33	-26.67

Date: 22.OCT.2015 17:00:08

Lowest channel

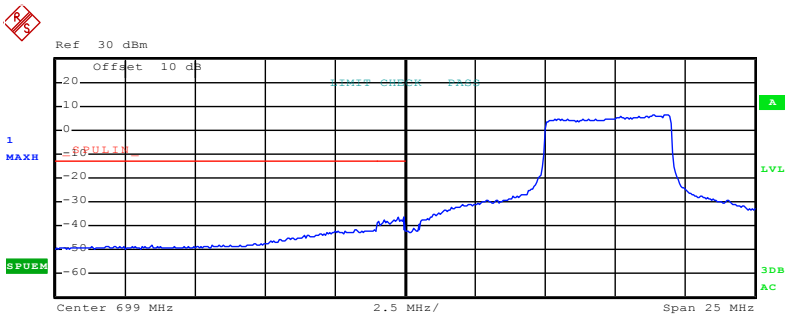


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
703.500 M	716.000 M	100.00 k	710.850000 M	6.23	-26.77
716.000 M	717.000 M	100.00 k	716.642000 M	-38.47	-25.47
717.000 M	728.500 M	100.00 k	717.621000 M	-43.78	-30.78

Date: 22.OCT.2015 17:07:51

Highest channel

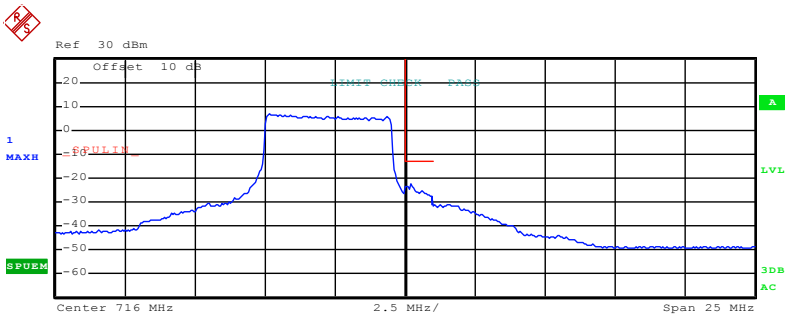
Test Mode:	LTE band 12(QPSK RB Size 25 & RB Offset 24)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
686.500 M	698.000 M	100.00 k	697.195000 M	-41.76	-28.76
698.000 M	699.000 M	100.00 k	698.742000 M	-36.47	-23.47
699.000 M	711.500 M	100.00 k	708.275000 M	6.59	-26.41

Date: 22.OCT.2015 17:01:22

Lowest channel

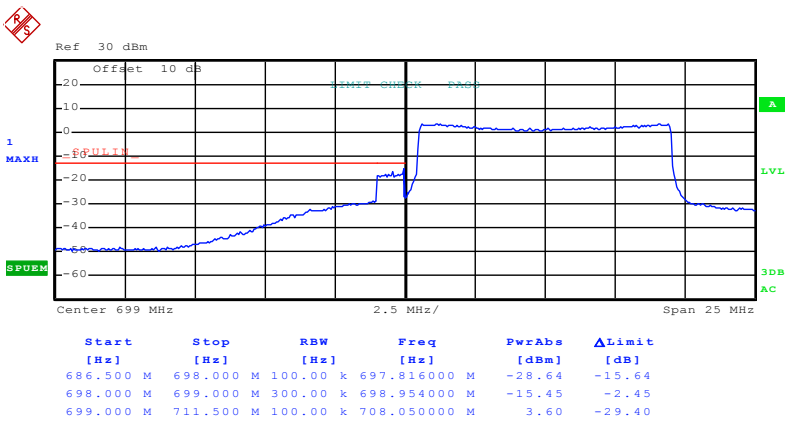


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
703.500 M	716.000 M	100.00 k	711.150000 M	6.82	-26.18
716.000 M	717.000 M	100.00 k	716.184000 M	-22.16	-9.16
717.000 M	728.500 M	100.00 k	717.023000 M	-30.71	-17.71

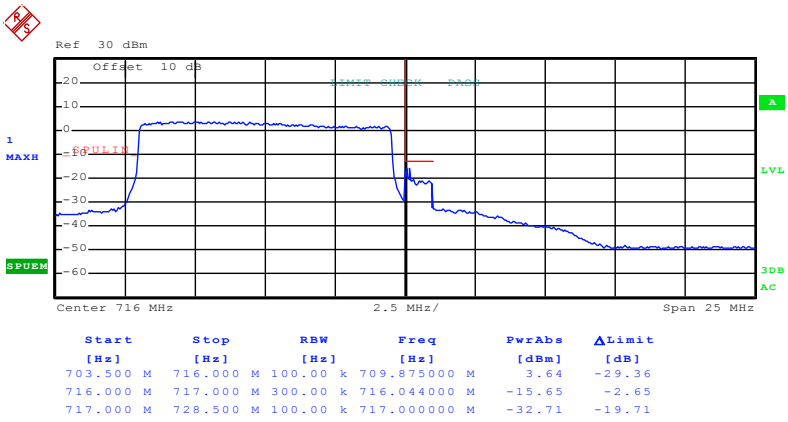
Date: 22.OCT.2015 17:08:45

Highest channel

Test Mode:	LTE band 12(QPSK RB Size 50 & RB Offset 0)

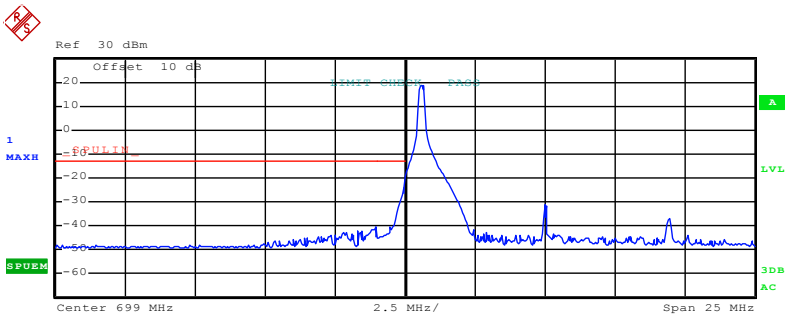


Lowest channel



Highest channel

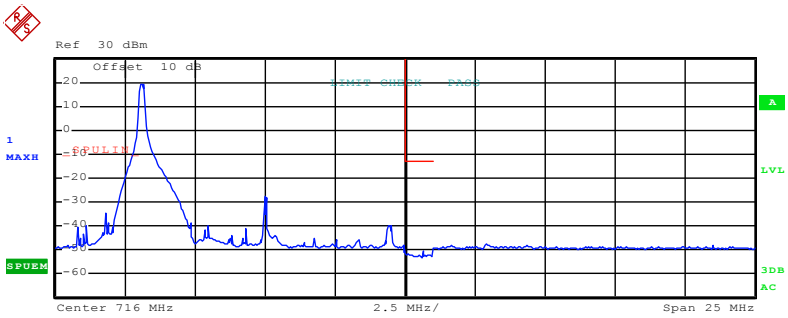
Test Mode:	LTE band 12(16QAM RB Size 1 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
686.500 M	698.000 M	100.00 k	697.954000 M	-40.52	-27.52
698.000 M	699.000 M	30.00 k	698.998000 M	-24.21	-11.21
699.000 M	711.500 M	100.00 k	699.575000 M	18.84	-14.16

Date: 22.OCT.2015 16:47:29

Lowest channel

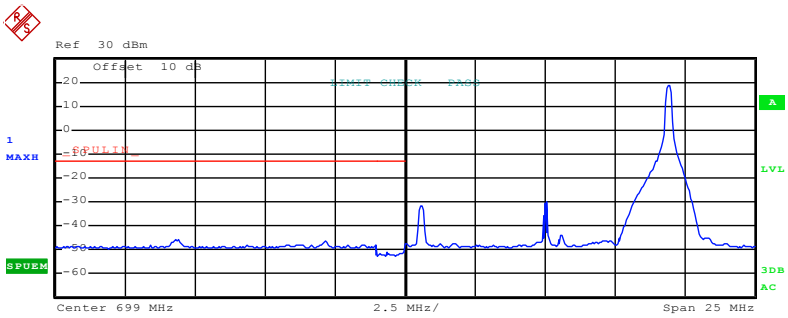


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
703.500 M	716.000 M	100.00 k	706.600000 M	19.30	-13.70
716.000 M	717.000 M	30.00 k	716.654000 M	-50.57	-37.57
717.000 M	728.500 M	100.00 k	718.886000 M	-47.36	-34.36

Date: 22.OCT.2015 17:06:54

Highest channel

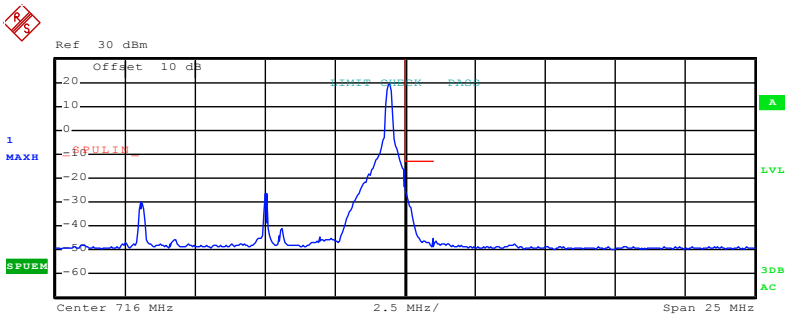
Test Mode:	LTE band 12(16QAM RB Size 1 & RB Offset 49)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
686.500 M	698.000 M	100.00 k	690.778000 M	-45.57	-32.57
698.000 M	699.000 M	30.00 k	698.976000 M	-50.99	-37.99
699.000 M	711.500 M	100.00 k	708.425000 M	18.78	-14.22

Date: 22.OCT.2015 16:56:08

Lowest channel

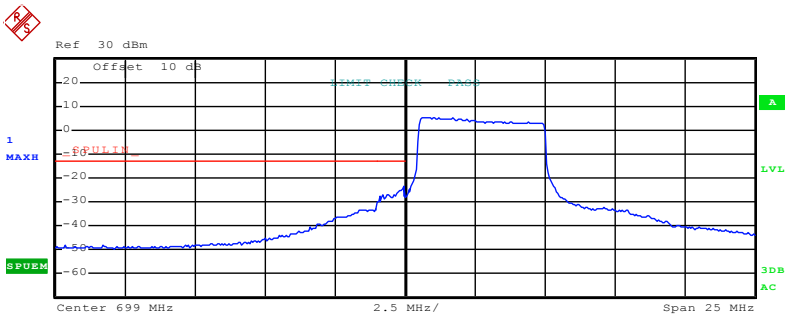


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
703.500 M	716.000 M	100.00 k	715.450000 M	19.19	-13.81
716.000 M	717.000 M	30.00 k	716.004000 M	-24.95	-11.95
717.000 M	728.500 M	100.00 k	717.000000 M	-45.31	-32.31

Date: 22.OCT.2015 17:07:10

Highest channel

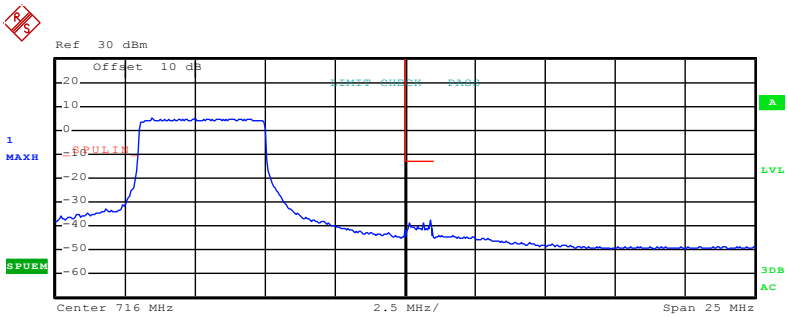
Test Mode:	LTE band 12(16QAM RB Size 25& RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
686.500 M	698.000 M	100.00 k	698.000000 M	-32.76	-19.76
698.000 M	699.000 M	100.00 k	698.960000 M	-23.66	-10.66
699.000 M	711.500 M	100.00 k	700.000000 M	5.28	-27.72

Date: 22.OCT.2015 17:00:33

Lowest channel

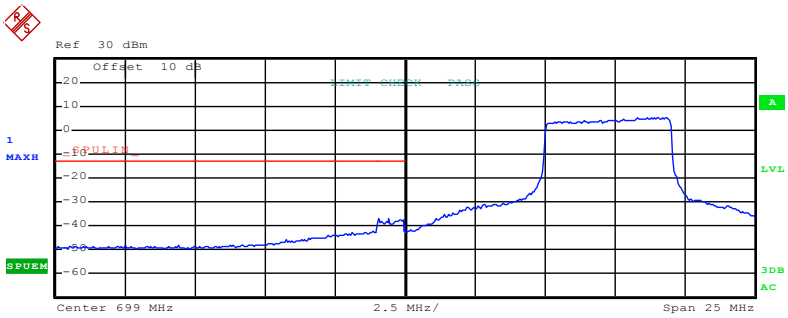


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
703.500 M	716.000 M	100.00 k	708.500000 M	5.25	-27.75
716.000 M	717.000 M	100.00 k	716.882000 M	-37.72	-24.72
717.000 M	728.500 M	100.00 k	717.184000 M	-43.91	-30.91

Date: 22.OCT.2015 17:08:06

Highest channel

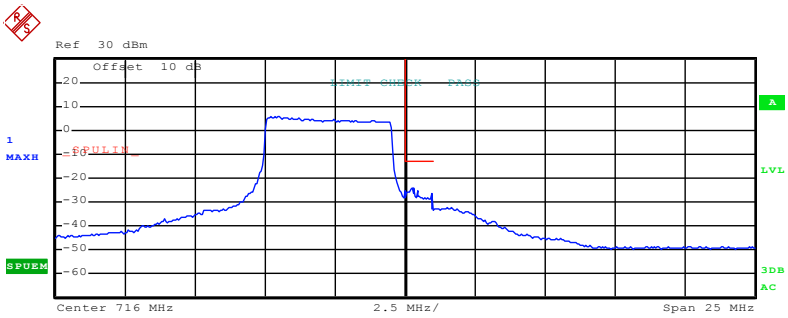
Test Mode:	LTE band 12(16QAM RB Size 25& RB Offset 24)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
686.500 M	698.000 M	100.00 k	697.839000 M	-42.45	-29.45
698.000 M	699.000 M	100.00 k	698.374000 M	-37.05	-24.05
699.000 M	711.500 M	100.00 k	708.300000 M	5.29	-27.71

Date: 22.OCT.2015 17:00:50

Lowest channel

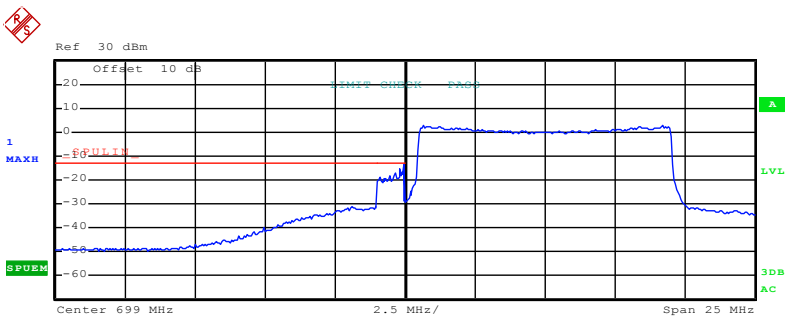


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
703.500 M	716.000 M	100.00 k	711.500000 M	5.69	-27.31
716.000 M	717.000 M	100.00 k	716.284000 M	-24.11	-11.11
717.000 M	728.500 M	100.00 k	717.621000 M	-32.36	-19.36

Date: 22.OCT.2015 17:08:22

Highest channel

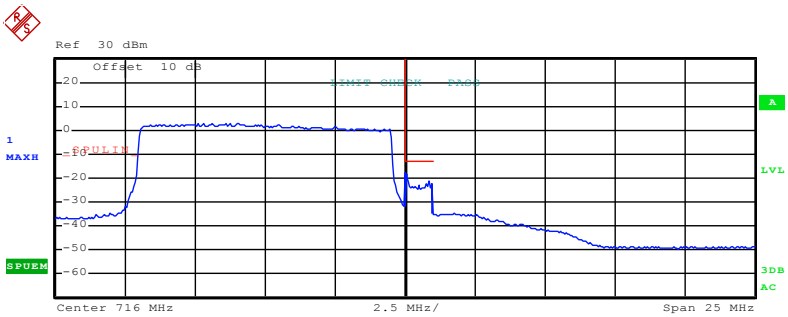
Test Mode:	LTE band 12(16QAM RB Size 50 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
686.500 M	698.000 M	100.00 k	697.080000 M	-30.87	-17.87
698.000 M	699.000 M	300.00 k	698.932000 M	-13.81	-0.81
699.000 M	711.500 M	100.00 k	708.200000 M	2.70	-30.30

Date: 22.OCT.2015 17:02:29

Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
703.500 M	716.000 M	100.00 k	710.000000 M	2.80	-30.20
716.000 M	717.000 M	300.00 k	716.010000 M	-17.81	-4.81
717.000 M	728.500 M	100.00 k	717.736000 M	-34.44	-21.44

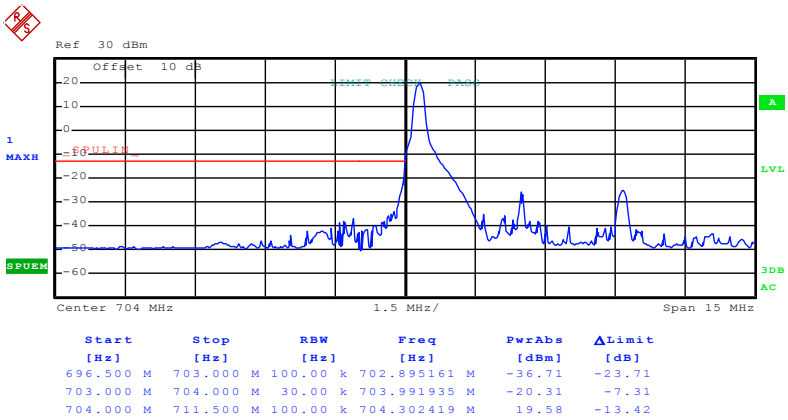
Date: 22.OCT.2015 17:09:33

Highest channel

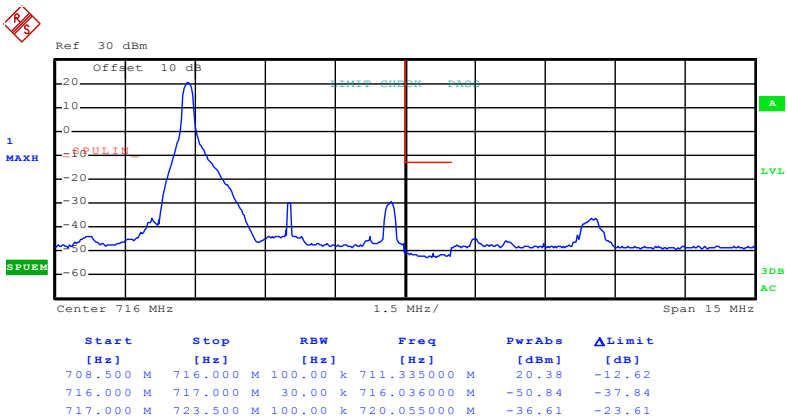
LTE band 17 part:

5MHz:

Test Mode:	LTE band 17(QPSK RB Size 1 & RB Offset 0)

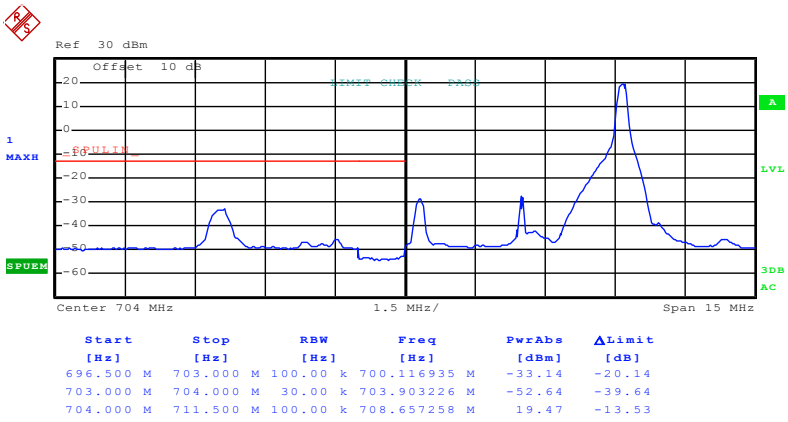


Lowest channel



Highest channel

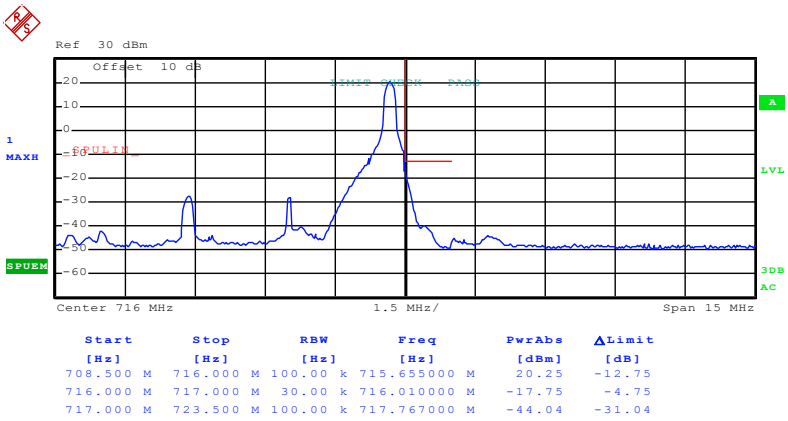
Test Mode:	LTE band 17(QPSK RB Size 1 & RB Offset 24)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
696.500 M	703.000 M	100.00 k	700.116935 M	-33.14	-20.14
703.000 M	704.000 M	30.00 k	703.903226 M	-52.64	-39.64
704.000 M	711.500 M	100.00 k	708.657258 M	19.47	-13.53

Date: 22.OCT.2015 14:25:49

Lowest channel

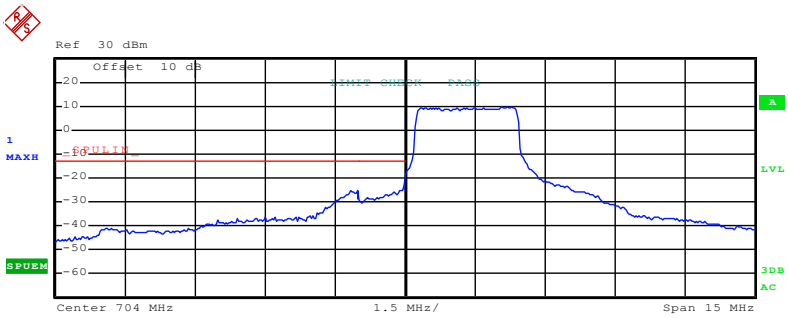


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
708.500 M	716.000 M	100.00 k	715.655000 M	20.25	-12.75
716.000 M	717.000 M	30.00 k	716.010000 M	-17.75	-4.75
717.000 M	723.500 M	100.00 k	717.767000 M	-44.04	-31.04

Date: 22.OCT.2015 14:34:08

Highest channel

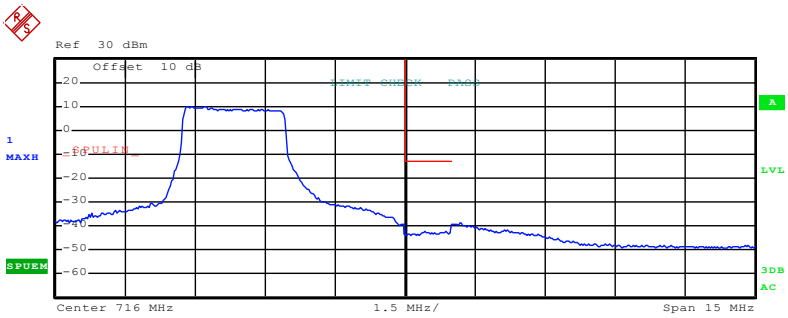
Test Mode:	LTE band 17(QPSK RB Size 12 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
696.500 M	703.000 M	100.00 k	702.831000 M	-25.26	-12.26
703.000 M	704.000 M	30.00 k	703.990000 M	-23.39	-10.39
704.000 M	711.500 M	100.00 k	706.055000 M	9.71	-23.29

Date: 22.OCT.2015 14:28:53

Lowest channel

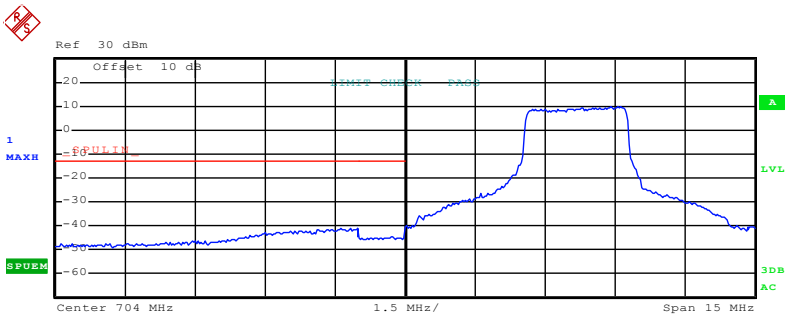


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
708.500 M	716.000 M	100.00 k	711.695000 M	10.04	-22.96
716.000 M	717.000 M	30.00 k	716.408000 M	-42.17	-29.17
717.000 M	723.500 M	100.00 k	717.156000 M	-38.91	-25.91

Date: 22.OCT.2015 14:34:27

Highest channel

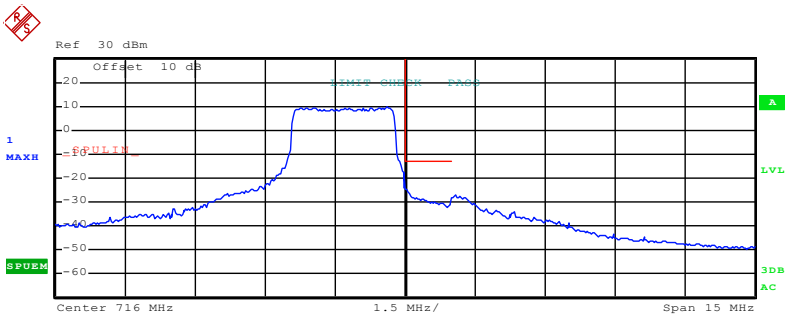
Test Mode:	LTE band 17(QPSK RB Size 12 & RB Offset 11)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
696.500 M	703.000 M	100.00 k	702.987000 M	-40.96	-27.96
703.000 M	704.000 M	30.00 k	703.396000 M	-44.64	-31.64
704.000 M	711.500 M	100.00 k	708.605000 M	9.83	-23.17

Date: 22.OCT.2015 14:29:44

Lowest channel

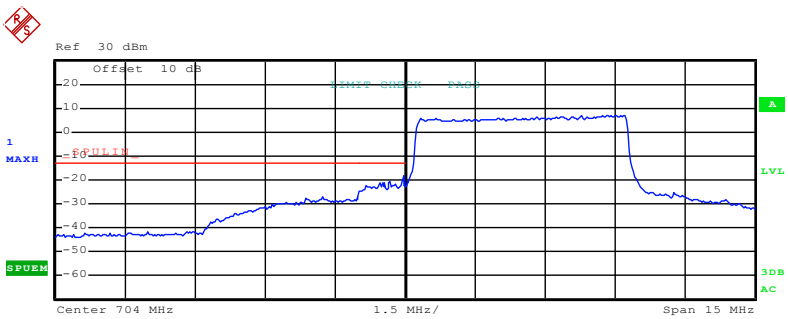


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
708.500 M	716.000 M	100.00 k	715.595000 M	9.59	-23.41
716.000 M	717.000 M	30.00 k	716.022000 M	-24.05	-11.05
717.000 M	723.500 M	100.00 k	717.065000 M	-27.07	-14.07

Date: 22.OCT.2015 14:35:13

Highest channel

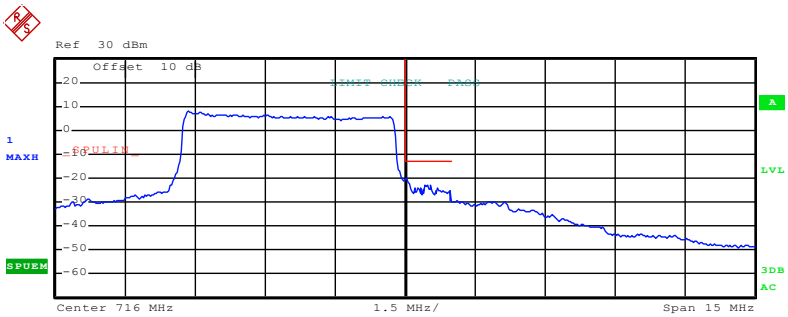
Test Mode:	LTE band 17(QPSK RB Size 25 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
696.500 M	703.000 M	100.00 k	702.987000 M	-27.23	-14.23
703.000 M	704.000 M	100.00 k	703.998000 M	-18.17	-5.17
704.000 M	711.500 M	100.00 k	708.230000 M	7.04	-25.96

Date: 22.OCT.2015 14:30:08

Lowest channel

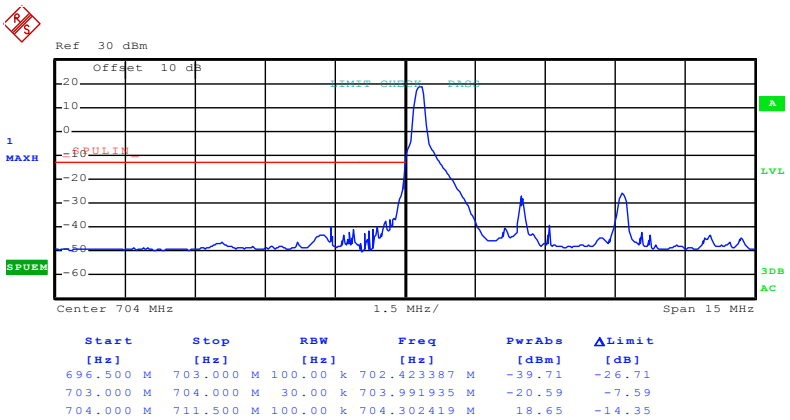


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
708.500 M	716.000 M	100.00 k	711.350000 M	8.15	-24.85
716.000 M	717.000 M	100.00 k	716.024000 M	-20.27	-7.27
717.000 M	723.500 M	100.00 k	717.234000 M	-28.94	-15.94

Date: 22.OCT.2015 14:37:13

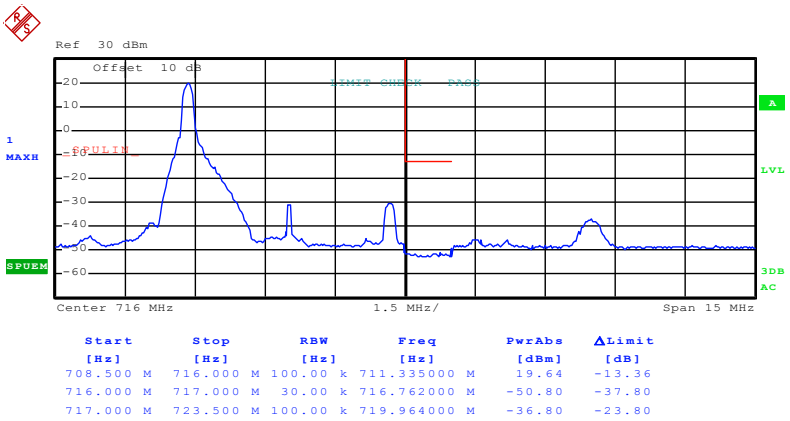
Highest channel

Test Mode:	LTE band 17(16QAM RB Size 1 & RB Offset 0)



Date: 22.OCT.2015 14:25:20

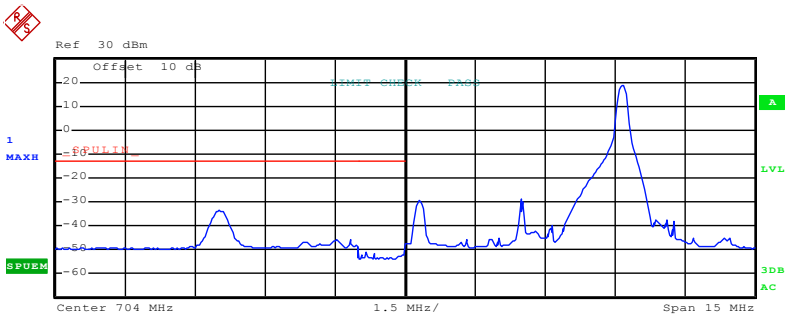
Lowest channel



Date: 22.OCT.2015 14:33:37

Highest channel

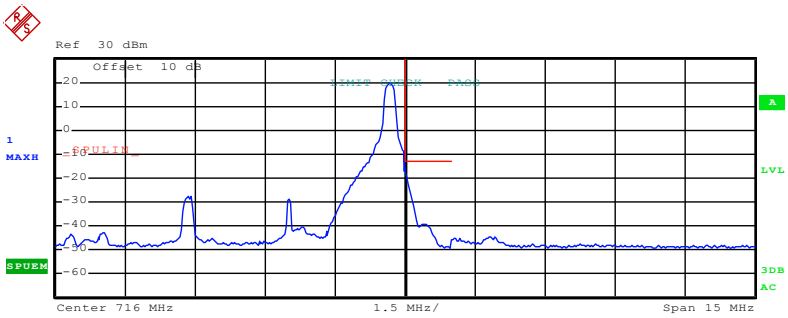
Test Mode:	LTE band 17(16QAM RB Size 1 & RB Offset 24)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
696.500 M	703.000 M	100.00 k	700.012097 M	-33.68	-20.68
703.000 M	704.000 M	30.00 k	703.145161 M	-51.20	-38.20
704.000 M	711.500 M	100.00 k	708.657258 M	18.80	-14.20

Date: 22.OCT.2015 14:25:37

Lowest channel

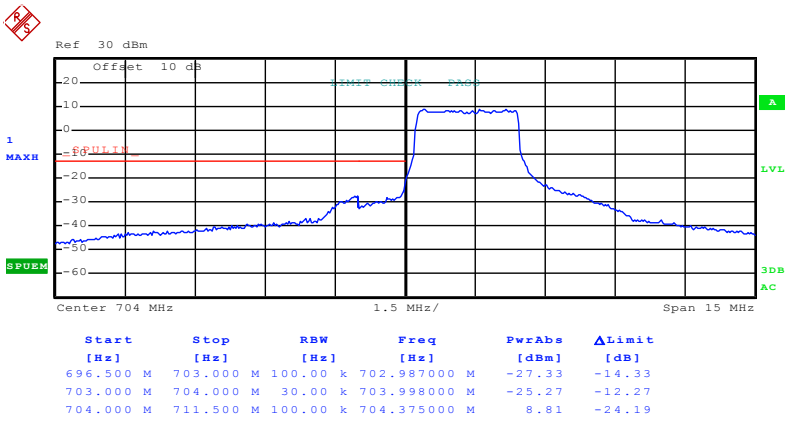


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
708.500 M	716.000 M	100.00 k	715.670000 M	19.60	-13.40
716.000 M	717.000 M	30.00 k	716.002000 M	-17.59	-4.59
717.000 M	723.500 M	100.00 k	717.832000 M	-44.68	-31.68

Date: 22.OCT.2015 14:33:55

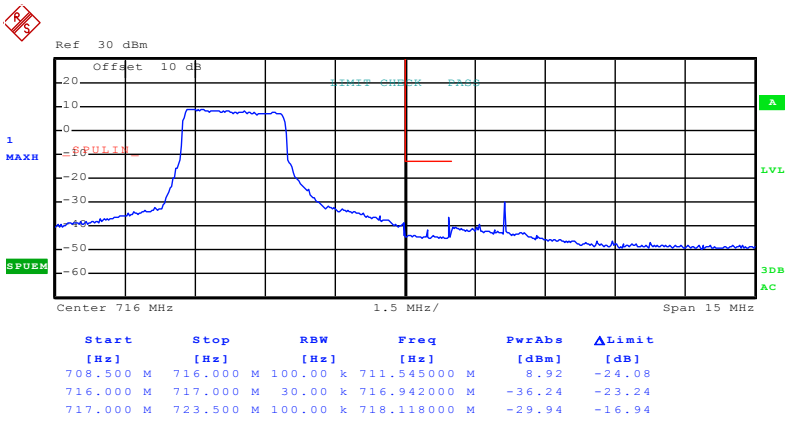
Highest channel

Test Mode:	LTE band 17(16QAM RB Size 12 & RB Offset 0)



Date: 22.OCT.2015 14:29:12

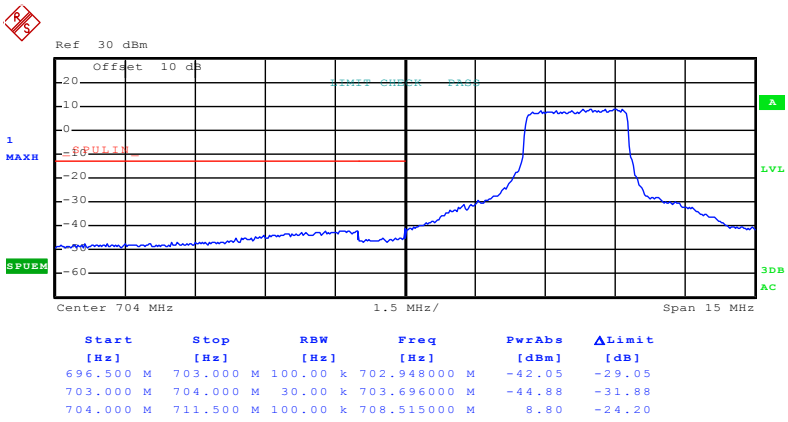
Lowest channel



Date: 22.OCT.2015 14:34:41

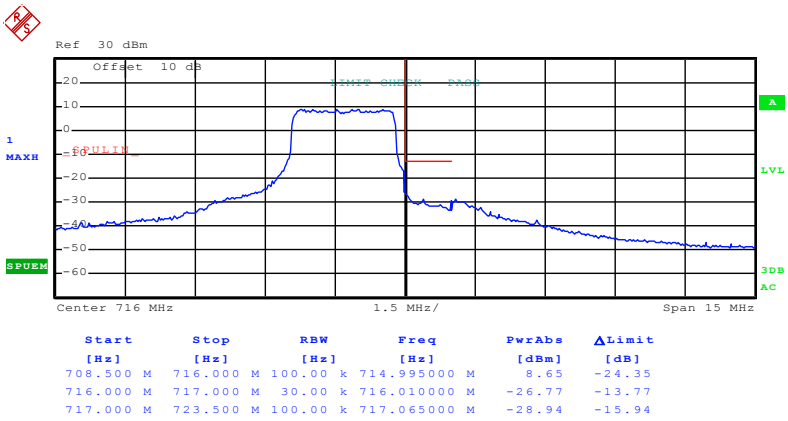
Highest channel

Test Mode:	LTE band 17(16QAM RB Size 12 & RB Offset 11)



Date: 22.OCT.2015 14:29:27

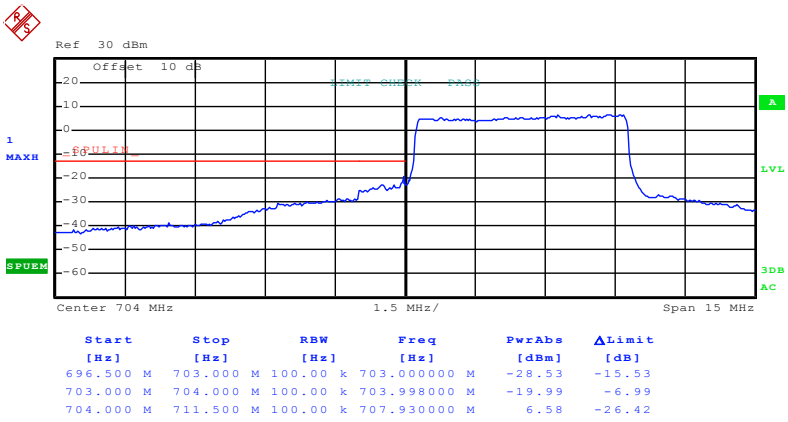
Lowest channel



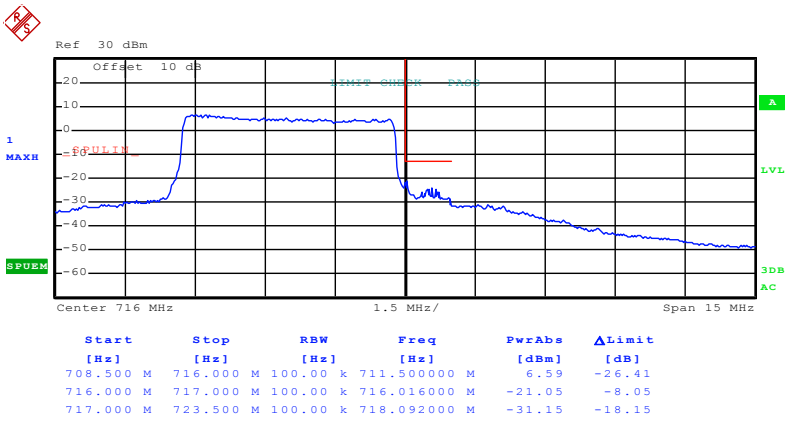
Date: 22.OCT.2015 14:34:57

Highest channel

Test Mode:	LTE band 17(16QAM RB Size 25 & RB Offset 0)



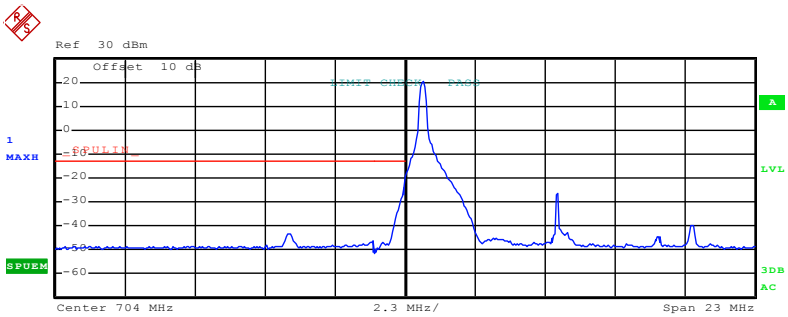
Lowest channel



Highest channel

10MHz:

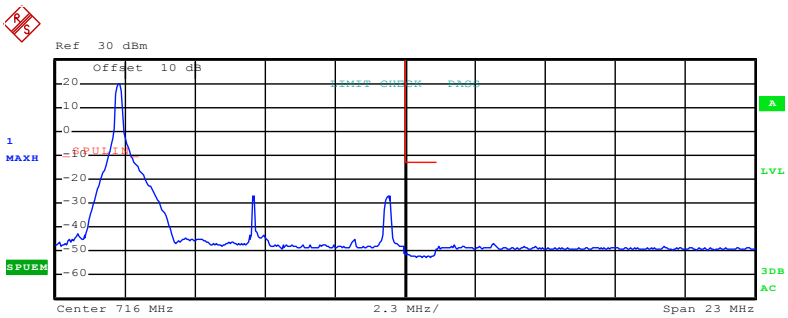
Test Mode:	LTE band 17(QPSK RB Size 1 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
692.500 M	703.000 M	100.00 k	700.207000 M	-43.47	-30.47
703.000 M	704.000 M	30.00 k	703.990000 M	-24.44	-11.44
704.000 M	715.500 M	100.00 k	704.598000 M	20.09	-12.91

Date: 22.OCT.2015 14:40:04

Lowest channel

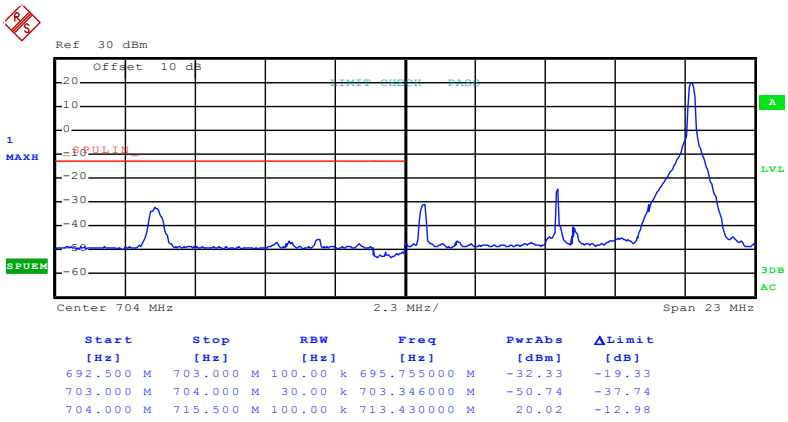


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
704.500 M	716.000 M	100.00 k	706.593000 M	19.98	-13.02
716.000 M	717.000 M	30.00 k	716.122000 M	-50.39	-37.39
717.000 M	727.500 M	100.00 k	718.869000 M	-46.78	-33.78

Date: 22.OCT.2015 14:44:20

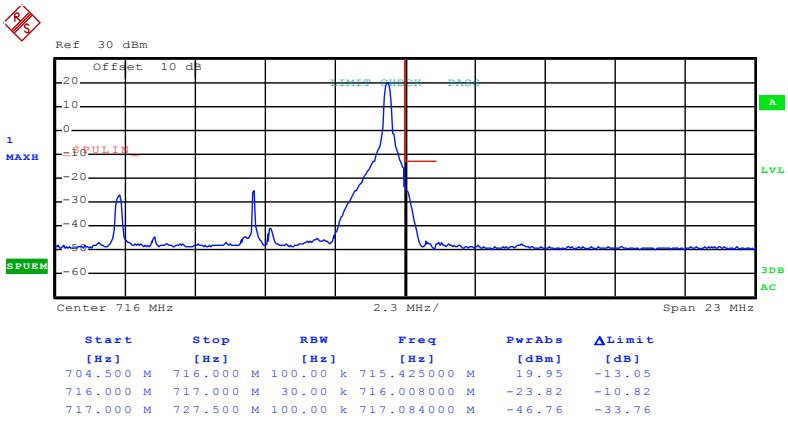
Highest channel

Test Mode:	LTE band 17(QPSK RB Size 1 & RB Offset 49)



Date: 22.OCT.2015 14:40:47

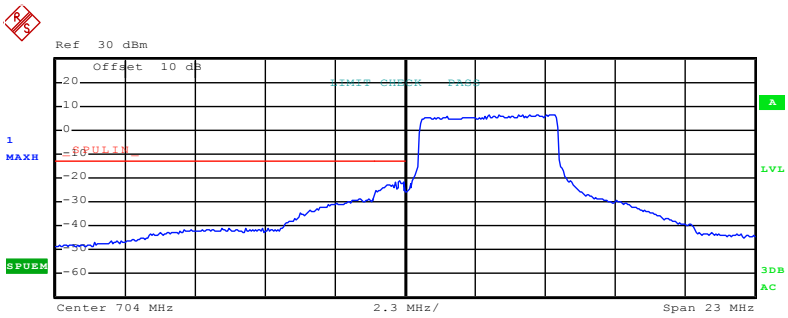
Lowest channel



Date: 22.OCT.2015 14:45:01

Highest channel

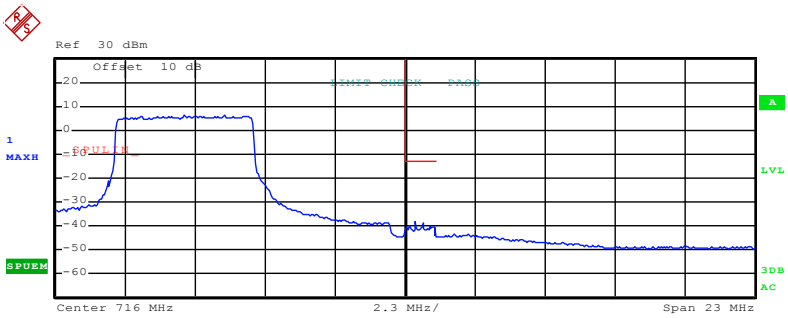
Test Mode:	LTE band 17(QPSK RB Size 25 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
692.500 M	703.000 M	100.00 k	702.769000 M	-28.69	-15.69
703.000 M	704.000 M	100.00 k	703.830000 M	-21.29	-8.29
704.000 M	715.500 M	100.00 k	708.301000 M	6.60	-26.40

Date: 22.OCT.2015 14:41:32

Lowest channel

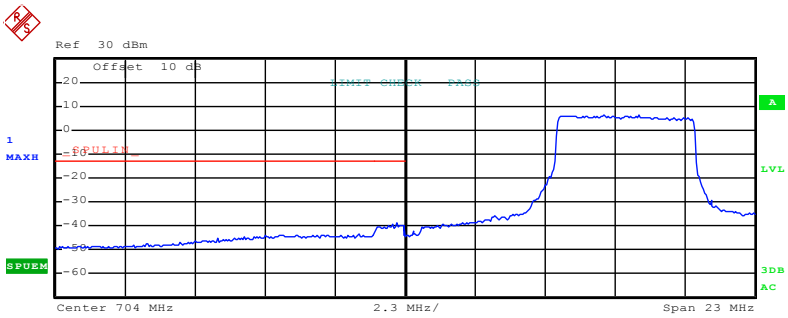


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
704.500 M	716.000 M	100.00 k	710.066000 M	6.08	-26.92
716.000 M	717.000 M	100.00 k	716.322000 M	-38.36	-25.36
717.000 M	727.500 M	100.00 k	717.588000 M	-43.36	-30.36

Date: 22.OCT.2015 14:45:28

Highest channel

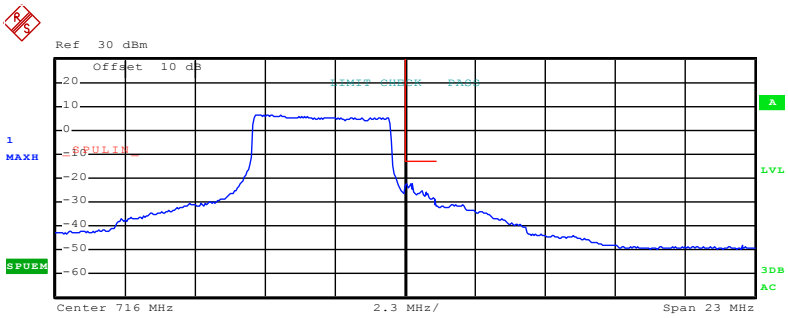
Test Mode:	LTE band 17(QPSK RB Size 25 & RB Offset 24)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
692.500 M	703.000 M	100.00 k	702.475000 M	-43.32	-30.32
703.000 M	704.000 M	100.00 k	703.742000 M	-38.90	-25.90
704.000 M	715.500 M	100.00 k	711.682000 M	6.09	-26.91

Date: 22.OCT.2015 14:42:18

Lowest channel

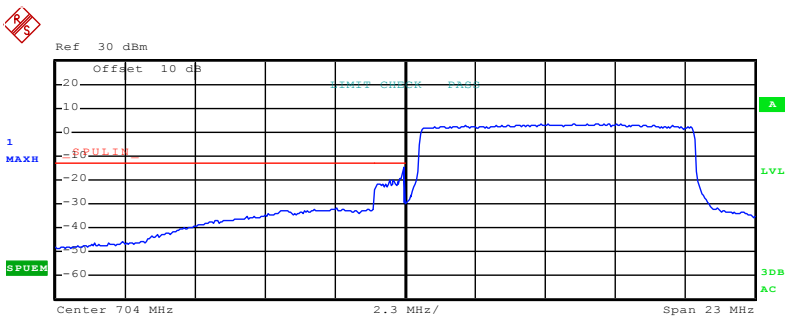


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
704.500 M	716.000 M	100.00 k	711.170000 M	6.60	-26.40
716.000 M	717.000 M	100.00 k	716.176000 M	-22.26	-9.26
717.000 M	727.500 M	100.00 k	717.630000 M	-30.88	-17.88

Date: 22.OCT.2015 14:46:14

Highest channel

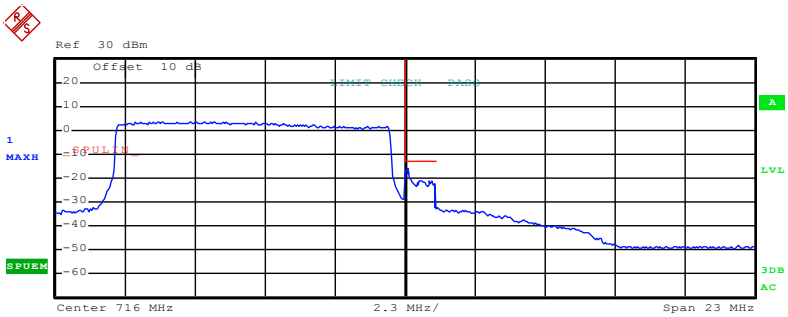
Test Mode:	LTE band 17(QPSK RB Size 50 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
692.500 M	703.000 M	100.00 k	701.719000 M	-31.84	-18.84
703.000 M	704.000 M	300.00 k	703.986000 M	-14.91	-1.91
704.000 M	715.500 M	100.00 k	709.520000 M	3.46	-29.54

Date: 22.OCT.2015 14:42:48

Lowest channel

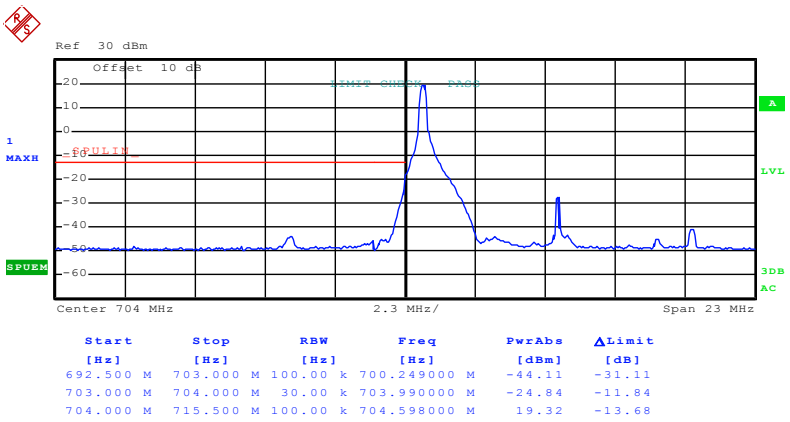


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
704.500 M	716.000 M	100.00 k	710.020000 M	3.65	-29.35
716.000 M	717.000 M	300.00 k	716.088000 M	-15.82	-2.82
717.000 M	727.500 M	100.00 k	717.021000 M	-32.42	-19.42

Date: 22.OCT.2015 14:47:17

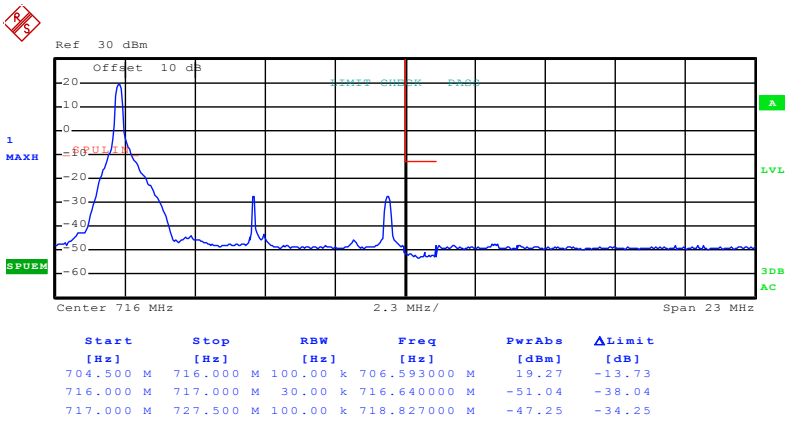
Highest channel

Test Mode:	LTE band 17(16QAM RB Size 1 & RB Offset 0)



Date: 22.OCT.2015 14:40:20

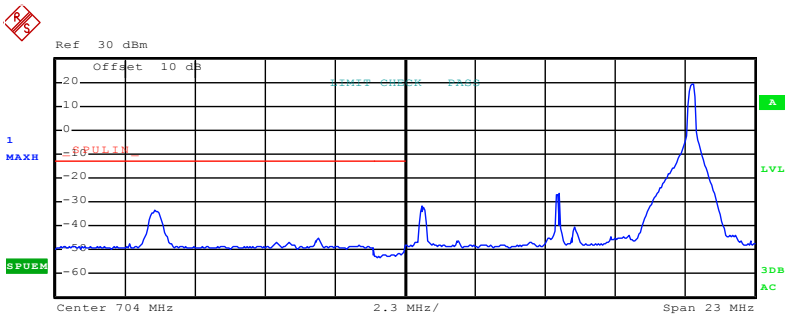
Lowest channel



Date: 22.OCT.2015 14:44:33

Highest channel

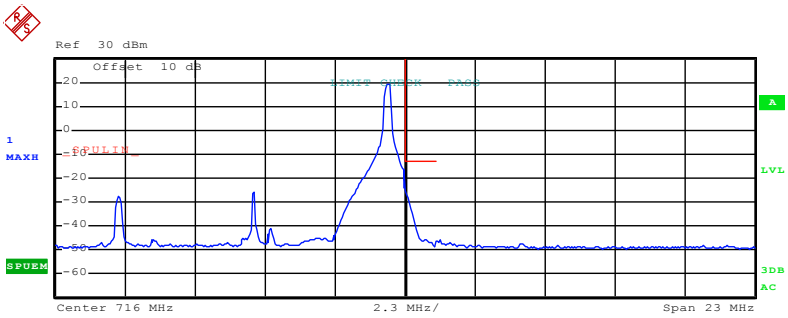
Test Mode:	LTE band 17(16QAM RB Size 1 & RB Offset 49)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
692.500 M	703.000 M	100.00 k	695.734000 M	-33.69	-20.69
703.000 M	704.000 M	30.00 k	703.950000 M	-50.97	-37.97
704.000 M	715.500 M	100.00 k	713.407000 M	19.16	-13.84

Date: 22.OCT.2015 14:40:35

Lowest channel

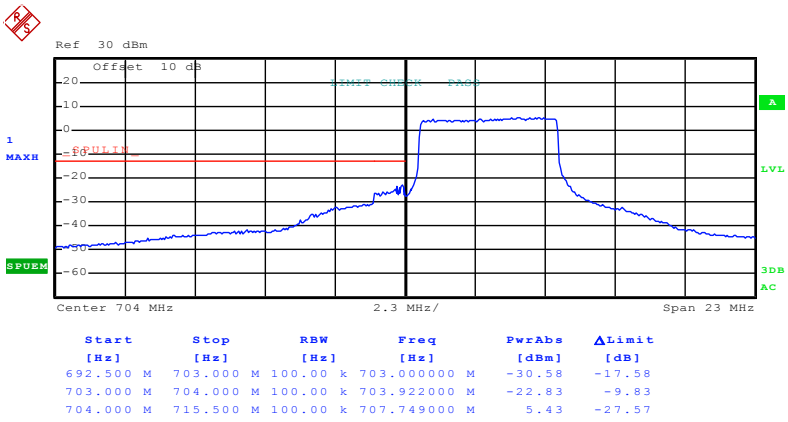


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
704.500 M	716.000 M	100.00 k	715.425000 M	19.04	-13.96
716.000 M	717.000 M	30.00 k	716.004000 M	-24.77	-11.77
717.000 M	727.500 M	100.00 k	717.147000 M	-46.00	-33.00

Date: 22.OCT.2015 14:44:49

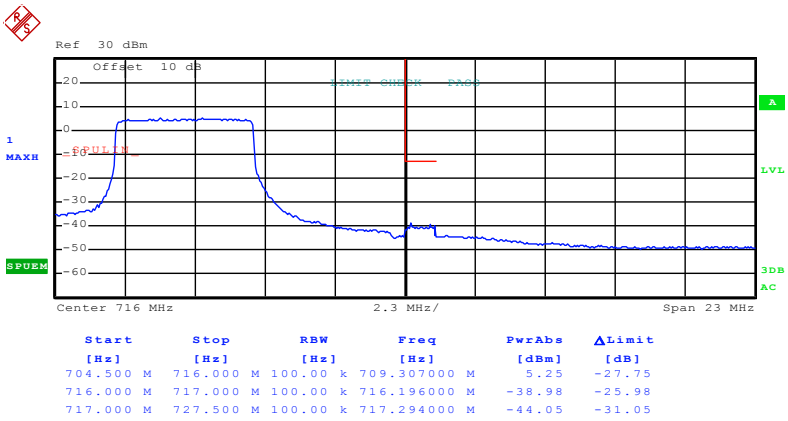
Highest channel

Test Mode:	LTE band 17(16QAM RB Size 25 & RB Offset 0)



Date: 22.OCT.2015 14:41:47

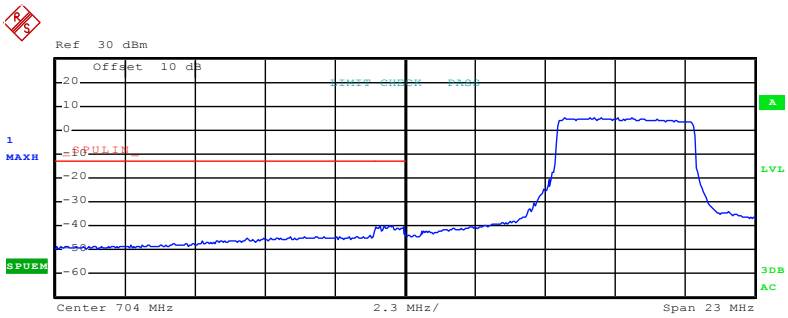
Lowest channel



Date: 22.OCT.2015 14:45:46

Highest channel

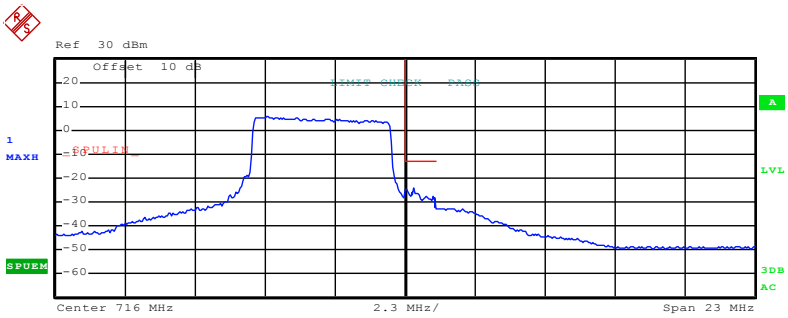
Test Mode:	LTE band 17(16QAM RB Size 25 & RB Offset 24)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
692.500 M	703.000 M	100.00 k	702.832000 M	-44.00	-31.00
703.000 M	704.000 M	100.00 k	703.506000 M	-40.00	-27.00
704.000 M	715.500 M	100.00 k	710.969000 M	5.28	-27.72

Date: 22.OCT.2015 14:42:00

Lowest channel

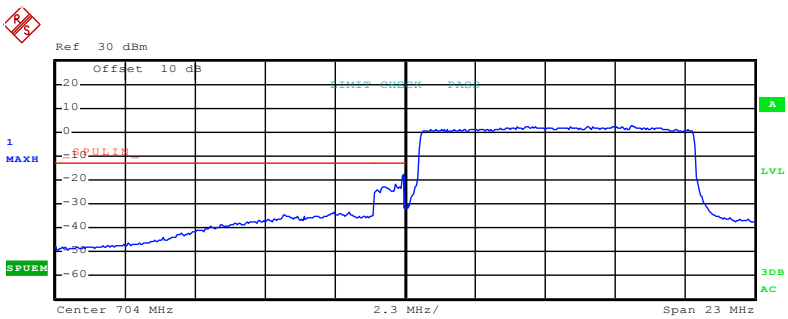


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
704.500 M	716.000 M	100.00 k	711.492000 M	5.84	-27.16
716.000 M	717.000 M	100.00 k	716.262000 M	-24.28	-11.28
717.000 M	727.500 M	100.00 k	717.420000 M	-32.68	-19.68

Date: 22.OCT.2015 14:45:58

Highest channel

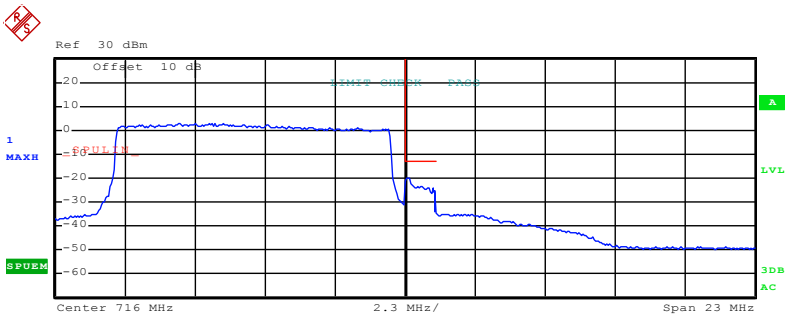
Test Mode:	LTE band 17(16QAM RB Size 50 & RB Offset 0)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
692.500 M	703.000 M	100.00 k	702.118000 M	-33.73	-20.73
703.000 M	704.000 M	300.00 k	703.966000 M	-17.73	-4.73
704.000 M	715.500 M	100.00 k	711.429000 M	2.55	-30.45

Date: 22.OCT.2015 14:43:02

Lowest channel

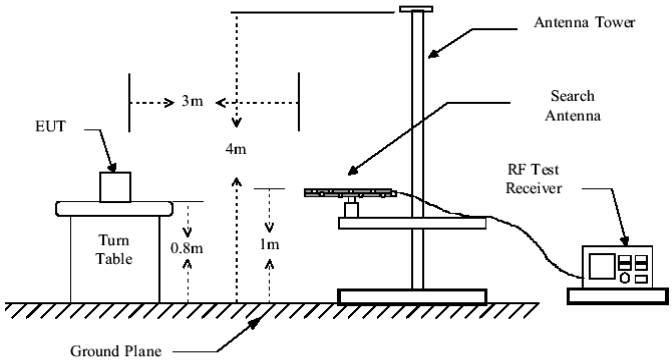
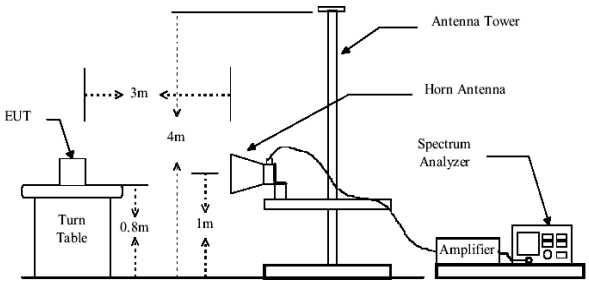
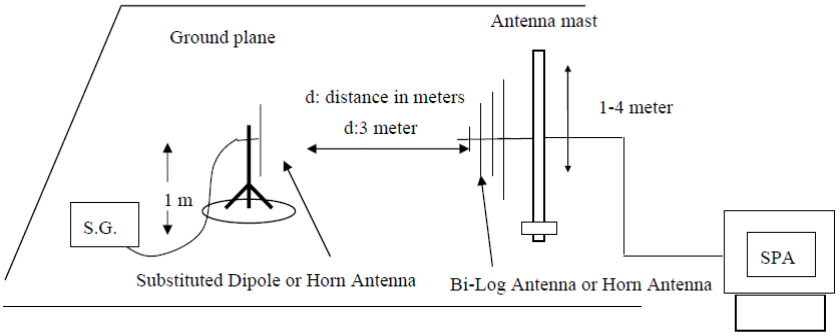


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
704.500 M	716.000 M	100.00 k	709.721000 M	3.03	-29.97
716.000 M	717.000 M	300.00 k	716.126000 M	-19.82	-6.82
717.000 M	727.500 M	100.00 k	717.735000 M	-34.34	-21.34

Date: 22.OCT.2015 14:47:31

Highest channel

6.10 ERP, EIRP Measurement

Test Requirement:	FCC part 22.913(a), part 24.232 (c), part 27.50(c), part 27.50(d)
Test Method:	FCC part 2.1046
Limit:	LTE Band 2: 2W EIRP LTE Band 4: 1W EIRP LTE Band 5: 7W EIRP LTE Band 12: 3W EIRP LTE Band 17: 3W EIRP
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 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. EIRP in frequency band 1850.7 –1909.3MHz, 1710.7-1754.3 MHz and 706.5-713..5 MHz 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) 4. 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	21.00	33.00	Pass
					H	20.58		
1850.70	18607	16QAM	1.4	H	V	19.85		
					H	20.14		
1.4MHz(RB size 3 & RB offset 0)								
1850.70	18607	QPSK	1.4	H	V	19.98	33.00	Pass
					H	18.57		
1850.70	18607	16QAM	1.4	H	V	20.01		
					H	18.47		
1.4MHz(RB size 6 & RB offset 0)								
1850.70	18607	QPSK	1.4	H	V	20.01	33.00	Pass
					H	19.34		
1850.70	18607	16QAM	1.4	H	V	19.82		
					H	18.87		

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	21.16	33.00	Pass
					H	19.21		
1880.00	18900	16QAM	1.4	H	V	21.09		
					H	19.11		
1.4MHz(RB size 3 & RB offset 0)								
1880.00	18900	QPSK	1.4	H	V	18.67	33.00	Pass
					H	18.96		
1880.00	18900	16QAM	1.4	H	V	18.76		
					H	19.25		
1.4MHz(RB size 6 & RB offset 0)								
1880.00	18900	QPSK	1.40	H	V	20.93	33.00	Pass
					H	19.52		
1880.00	18900	16QAM	1.40	H	V	19.86		
					H	19.37		

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	20.24	33.00	Pass
					H	19.35		
1909.30	19193	16QAM	1.4	H	V	20.47		
					H	20.84		
1.4MHz(RB size 3 & RB offset 0)								
1909.30	19193	QPSK	1.4	H	V	19.51	33.00	Pass
					H	18.78		
1909.30	19193	16QAM	1.4	H	V	19.47		
					H	18.71		
1.4MHz(RB size 6 & RB offset 0)								
1909.30	19193	QPSK	1.4	H	V	19.63	33.00	Pass
					H	18.82		
1909.30	19193	16QAM	1.4	H	V	19.43		
					H	18.71		

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	18.02	33.00	Pass
					H	19.32		
1860.00	18700	16QAM	20	H	V	18.27		
					H	19.67		
20MHz(RB size 50 & RB offset 0)								
1860.00	18700	QPSK	20	H	V	19.88	33.00	Pass
					H	20.01		
1860.00	18700	16QAM	20	H	V	19.36		
					H	19.78		
20MHz(RB size 100 & RB offset 0)								
1860.00	18700	QPSK	20	H	V	19.67	33.00	Pass
					H	19.75		
1860.00	18700	16QAM	20	H	V	19.53		
					H	19.61		

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	17.84	33.00	Pass
					H	18.67		
1880.00	18900	16QAM	20	H	V	20.64		
					H	18.21		
20MHz(RB size 50 & RB offset 0)								
1880.00	18900	QPSK	20	H	V	20.02	33.00	Pass
					H	19.01		
1880.00	18900	16QAM	20	H	V	18.49		
					H	19.13		
20MHz(RB size 100 & RB offset 0)								
1880.00	18900	QPSK	20	H	V	20.53	33.00	Pass
					H	18.31		
1880.00	18900	16QAM	20	H	V	18.12		
					H	18.69		

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	18.63	33.00	Pass
					H	19.25		
1900.00	19100	16QAM	20	H	V	19.02		
					H	19.74		
20MHz(RB size 50 & RB offset 0)								
1900.00	19100	QPSK	20	H	V	19.62	33.00	Pass
					H	20.01		
1900.00	19100	16QAM	20	H	V	19.24		
					H	20.14		
20MHz(RB size 100 & RB offset 0)								
1900.00	19100	QPSK	20	H	V	20.02	33.00	Pass
					H	19.97		
1900.00	19100	16QAM	20	H	V	20.14		
					H	20.31		

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	20.38	30.00	Pass
					H	17.56		
1710.70	19957	16QAM	1.4	H	V	19.74		
					H	17.43		
1.4MHz(RB size 3 & RB offset 0)								
1710.70	19957	QPSK	1.4	H	V	19.68	30.00	Pass
					H	18.57		
1710.70	19957	16QAM	1.4	H	V	19.37		
					H	18.24		
1.4MHz(RB size 6 & RB offset 0)								
1710.70	19957	QPSK	1.4	H	V	20.12	30.00	Pass
					H	18.46		
1710.70	19957	16QAM	1.4	H	V	19.98		
					H	18.07		

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)								
1710.70	19957	QPSK	1.4	H	V	21.55	30.00	Pass
					H	16.62		
1710.70	19957	16QAM	1.4	H	V	19.84		
					H	20.31		
1.4MHz(RB size 3 & RB offset 0)								
1710.70	19957	QPSK	1.4	H	V	20.18	30.00	Pass
					H	18.14		
1710.70	19957	16QAM	1.4	H	V	19.94		
					H	18.25		
1.4MHz(RB size 6 & RB offset 0)								
1710.70	19957	QPSK	1.4	H	V	20.26	30.00	Pass
					H	18.28		
1710.70	19957	16QAM	1.4	H	V	19.79		
					H	17.56		

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)								
1710.70	19957	QPSK	1.4	H	V	20.87	30.00	Pass
					H	17.48		
1710.70	19957	16QAM	1.4	H	V	19.68		
					H	18.15		
1.4MHz(RB size 3 & RB offset 0)								
1710.70	19957	QPSK	1.4	H	V	19.96	30.00	Pass
					H	18.24		
1710.70	19957	16QAM	1.4	H	V	19.25		
					H	17.37		
1.4MHz(RB size 6 & RB offset 0)								
1710.70	19957	QPSK	1.4	H	V	20.12	30.00	Pass
					H	18.15		
1710.70	19957	16QAM	1.4	H	V	19.36		
					H	18.02		

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	20.85	30.00	Pass
					H	18.41		
1720.00	20050	16QAM	20	H	V	19.48		
					H	18.52		
20MHz(RB size 50 & RB offset 0)								
1720.00	20050	QPSK	20	H	V	19.69	30.00	Pass
					H	17.75		
1720.00	20050	16QAM	20	H	V	19.34		
					H	18.25		
20MHz(RB size 100 & RB offset 0)								
1720.00	20050	QPSK	20	H	V	20.03	30.00	Pass
					H	18.42		
1720.00	20050	16QAM	20	H	V	19.96		
					H	18.33		

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	20.76	30.00	Pass
					H	17.80		
1732.50	20175	16QAM	20	H	V	20.72		
					H	17.85		
20MHz(RB size 50 & RB offset 0)								
1732.50	20175	QPSK	20	H	V	20.32	30.00	Pass
					H	18.06		
1732.50	20175	16QAM	20	H	V	20.59		
					H	18.21		
20MHz(RB size 100 & RB offset 0)								
1732.50	20175	QPSK	20	H	V	19.98	30.00	Pass
					H	17.36		
1732.50	20175	16QAM	20	H	V	19.98		
					H	17.66		

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	20.35	30.00	Pass
					H	18.48		
1745.00	20300	16QAM	20	H	V	19.67		
					H	18.25		
20MHz(RB size 50 & RB offset 0)								
1745.00	20300	QPSK	20	H	V	19.69	30.00	Pass
					H	17.41		
1745.00	20300	16QAM	20	H	V	19.32		
					H	18.25		
20MHz(RB size 100 & RB offset 0)								
1745.00	20300	QPSK	20	H	V	20.02	30.00	Pass
					H	17.85		
1745.00	20300	16QAM	20	H	V	19.61		
					H	18.22		

LTE band 5 part

Lowest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
1.4MHz(RB size 1 & RB offset 0)								
824.70	20407	QPSK	1.4	H	V	15.23	33.00	Pass
					H	19.57		
824.70	20407	16QAM	1.4	H	V	15.21		
					H	18.86		
1.4MHz(RB size 3 & RB offset 0)								
824.70	20407	QPSK	1.4	H	V	14.48	33.00	Pass
					H	18.86		
824.70	20407	16QAM	1.4	H	V	14.32		
					H	18.27		
1.4MHz(RB size 6 & RB offset 0)								
824.70	20407	QPSK	1.4	H	V	15.52	33.00	Pass
					H	19.03		
824.70	20407	16QAM	1.4	H	V	15.22		
					H	18.57		

Middle channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
1.4MHz(RB size 1 & RB offset 0)								
836.50	20525	QPSK	1.4	H	V	14.38	33.00	Pass
					H	18.14		
836.50	20525	16QAM	1.4	H	V	14.22		
					H	18.08		
1.4MHz(RB size 3 & RB offset 0)								
836.50	20525	QPSK	1.4	H	V	13.82	33.00	Pass
					H	17.86		
836.50	20525	16QAM	1.4	H	V	14.03		
					H	18.14		
1.4MHz(RB size 6 & RB offset 0)								
836.50	20525	QPSK	1.40	H	V	12.35	33.00	Pass
					H	16.69		
836.50	20525	16QAM	1.40	H	V	12.83		
					H	17.12		

Highest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
1.4MHz(RB size 1 & RB offset 0)								
848.30	20643	QPSK	1.4	H	V	15.28	33.00	Pass
					H	19.24		
848.30	20643	16QAM	1.4	H	V	15.54		
					H	18.86		
1.4MHz(RB size 3 & RB offset 0)								
848.30	20643	QPSK	1.4	H	V	14.45	33.00	Pass
					H	18.20		
848.30	20643	16QAM	1.4	H	V	15.37		
					H	18.59		
1.4MHz(RB size 6 & RB offset 0)								
848.30	20643	QPSK	1.4	H	V	13.36	33.00	Pass
					H	17.05		
848.30	20643	16QAM	1.4	H	V	13.81		
					H	18.67		

Lowest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
10MHz(RB size 1 & RB offset 0)								
829.00	20450	QPSK	10	H	V	16.36	33.00	Pass
					H	18.57		
829.00	20450	16QAM	10	H	V	16.97		
					H	18.24		
10MHz(RB size 25 & RB offset 0)								
829.00	20450	QPSK	10	H	V	17.25	33.00	Pass
					H	19.36		
829.00	20450	16QAM	10	H	V	16.62		
					H	18.57		
10MHz(RB size 50 & RB offset 0)								
829.00	20450	QPSK	10	H	V	17.17	33.00	Pass
					H	18.68		
829.00	20450	16QAM	10	H	V	17.55		
					H	18.63		

Middle channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
10MHz(RB size 1 & RB offset 0)								
836.50	20525	QPSK	10	H	V	17.25	33.00	Pass
					H	18.52		
836.50	20525	16QAM	10	H	V	19.24		
					H	17.56		
10MHz(RB size 25& RB offset 0)								
836.50	20525	QPSK	10	H	V	18.24	33.00	Pass
					H	19.47		
836.50	20525	16QAM	10	H	V	16.25		
					H	18.54		
10MHz(RB size 50 & RB offset 0)								
836.50	20525	QPSK	10	H	V	18.55	33.00	Pass
					H	19.74		
836.50	20525	16QAM	10	H	V	17.52		
					H	19.27		

High channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
10MHz(RB size 1 & RB offset 0)								
844.00	20600	QPSK	10	H	V	17.69	33.00	Pass
					H	18.38		
844.00	20600	16QAM	10	H	V	16.62		
					H	19.05		
10MHz(RB size 25& RB offset 0)								
844.00	20600	QPSK	10	H	V	18.54	33.00	Pass
					H	18.86		
844.00	20600	16QAM	10	H	V	18.41		
					H	17.48		
10MHz(RB size 50 & RB offset 0)								
844.00	20600	QPSK	10	H	V	17.25	33.00	Pass
					H	18.54		
844.00	20600	16QAM	10	H	V	17.39		
					H	19.02		

LTE band 12 part

Lowest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
1.4MHz(RB size 1 & RB offset 0)								
699.70	23017	QPSK	1.4	H	V	19.63	33.00	Pass
					H	17.52		
699.70	23017	16QAM	1.4	H	V	19.47		
					H	17.28		
1.4MHz(RB size 3 & RB offset 0)								
699.70	23017	QPSK	1.4	H	V	19.48	33.00	Pass
					H	17.14		
699.70	23017	16QAM	1.4	H	V	19.38		
					H	17.05		
1.4MHz(RB size 6 & RB offset 0)								
699.70	23017	QPSK	1.4	H	V	19.86	33.00	Pass
					H	17.58		
699.70	23017	16QAM	1.4	H	V	19.25		
					H	17.22		

Middle channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
1.4MHz(RB size 1 & RB offset 0)								
707.50	23095	QPSK	1.4	H	V	19.41	33.00	Pass
					H	17.66		
707.50	23095	16QAM	1.4	H	V	18.25		
					H	17.35		
1.4MHz(RB size 3 & RB offset 0)								
707.50	23095	QPSK	1.4	H	V	19.45	33.00	Pass
					H	17.54		
707.50	23095	16QAM	1.4	H	V	19.37		
					H	17.26		
1.4MHz(RB size 6 & RB offset 0)								
707.50	23095	QPSK	1.40	H	V	18.46	33.00	Pass
					H	16.41		
707.50	23095	16QAM	1.40	H	V	18.41		
					H	16.35		

Highest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
1.4MHz(RB size 1 & RB offset 0)								
715.30	23173	QPSK	1.4	H	V	19.32	33.00	Pass
					H	17.41		
715.30	23173	16QAM	1.4	H	V	19.58		
					H	17.23		
1.4MHz(RB size 3 & RB offset 0)								
715.30	23173	QPSK	1.4	H	V	20.05	33.00	Pass
					H	18.15		
715.30	23173	16QAM	1.4	H	V	19.25		
					H	17.77		
1.4MHz(RB size 6 & RB offset 0)								
715.30	23173	QPSK	1.4	H	V	19.69	33.00	Pass
					H	17.85		
715.30	23173	16QAM	1.4	H	V	19.74		
					H	18.22		

Lowest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
10MHz(RB size 1 & RB offset 0)								
704.00	23060	QPSK	10	H	V	19.25	33.00	Pass
					H	18.15		
704.00	23060	16QAM	10	H	V	19.22		
					H	18.37		
10MHz(RB size 25 & RB offset 0)								
704.00	23060	QPSK	10	H	V	19.54	33.00	Pass
					H	17.45		
704.00	23060	16QAM	10	H	V	19.16		
					H	17.39		
10MHz(RB size 50 & RB offset 0)								
704.00	23060	QPSK	10	H	V	20.01	33.00	Pass
					H	17.71		
704.00	23060	16QAM	10	H	V	19.22		
					H	18.34		

Middle channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
10MHz(RB size 1 & RB offset 0)								
707.50	23095	QPSK	10	H	V	19.35	33.00	Pass
					H	17.44		
707.50	23095	16QAM	10	H	V	19.21		
					H	17.36		
10MHz(RB size 25& RB offset 0)								
707.50	23095	QPSK	10	H	V	19.52	33.00	Pass
					H	16.63		
707.50	23095	16QAM	10	H	V	19.84		
					H	17.14		
10MHz(RB size 50 & RB offset 0)								
707.50	23095	QPSK	10	H	V	19.58	33.00	Pass
					H	17.15		
707.50	23095	16QAM	10	H	V	18.52		
					H	17.66		

High channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
10MHz(RB size 1 & RB offset 0)								
711.00	23130	QPSK	10	H	V	19.15	33.00	Pass
					H	17.45		
711.00	23130	16QAM	10	H	V	19.52		
					H	17.63		
10MHz(RB size 25& RB offset 0)								
711.00	23130	QPSK	10	H	V	19.48	33.00	Pass
					H	17.54		
711.00	23130	16QAM	10	H	V	18.02		
					H	18.25		
10MHz(RB size 50 & RB offset 0)								
711.00	23130	QPSK	10	H	V	18.89	33.00	Pass
					H	17.02		
711.00	23130	16QAM	10	H	V	19.26		
					H	17.25		

LTE band 17 part
Lowest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
5MHz(RB size 1 & RB offset 0)								
706.50	23755	QPSK	5	H	V	20.02	30.00	Pass
					H	18.45		
706.50	23755	16QAM	5	H	V	19.68		
					H	18.24		
5MHz(RB size 12 & RB offset 0)								
706.50	23755	QPSK	5	H	V	20.15	30.00	Pass
					H	18.45		
706.50	23755	16QAM	5	H	V	19.36		
					H	17.75		
5MHz(RB size 25 & RB offset 0)								
706.50	23755	QPSK	5	H	V	19.86	30.00	Pass
					H	17.25		
706.50	23755	16QAM	5	H	V	19.24		
					H	17.31		

Middle channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
5MHz(RB size 1 & RB offset 0)								
710.00	23790	QPSK	5	H	V	19.59	30.00	Pass
					H	17.62		
710.00	23790	16QAM	5	H	V	19.32		
					H	17.54		
5MHz(RB size 12 & RB offset 0)								
710.00	23790	QPSK	5	H	V	16.06	30.00	Pass
					H	14.33		
710.00	23790	16QAM	5	H	V	16.58		
					H	14.67		
5MHz(RB size 25 & RB offset 0)								
710.00	23790	QPSK	5	H	V	18.15	30.00	Pass
					H	16.92		
710.00	23790	16QAM	5	H	V	18.48		
					H	16.23		

Highest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
5MHz(RB size 1 & RB offset 0)								
713.50	23825	QPSK	5	H	V	19.63	30.00	Pass
					H	17.24		
713.50	23825	16QAM	5	H	V	19.25		
					H	17.58		
5MHz(RB size 12 & RB offset 0)								
713.50	23825	QPSK	5	H	V	17.45	30.00	Pass
					H	15.28		
713.50	23825	16QAM	5	H	V	17.62		
					H	15.58		
5MHz(RB size 25 & RB offset 0)								
713.50	23825	QPSK	5	H	V	18.69	30.00	Pass
					H	17.05		
713.50	23825	16QAM	5	H	V	18.82		
					H	17.24		

Lowest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
10MHz(RB size 1 & RB offset 0)								
709.00	23780	QPSK	20	H	V	19.36	30.00	Pass
					H	17.85		
709.00	23780	16QAM	20	H	V	19.04		
					H	17.82		
10MHz(RB size 25 & RB offset 0)								
709.00	23780	QPSK	20	H	V	20.02	30.00	Pass
					H	17.85		
709.00	23780	16QAM	20	H	V	19.96		
					H	17.55		
10MHz(RB size 50 & RB offset 0)								
709.00	23780	QPSK	20	H	V	19.87	30.00	Pass
					H	17.25		
709.00	23780	16QAM	20	H	V	19.37		
					H	18.02		

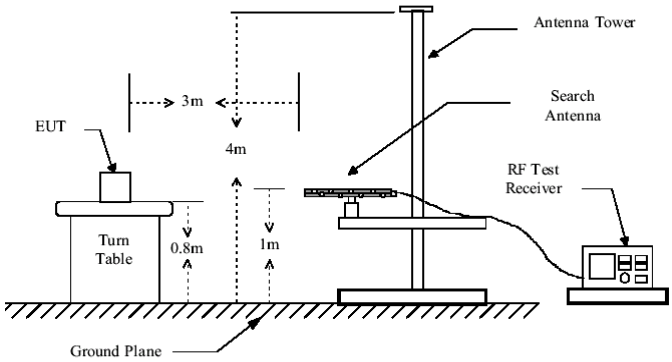
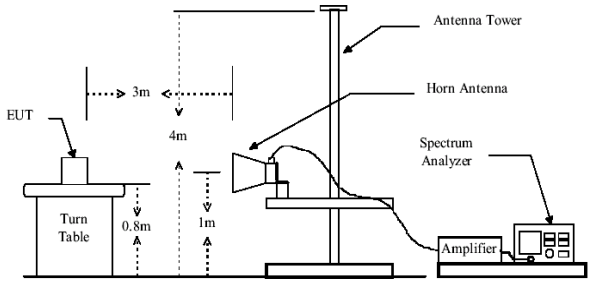
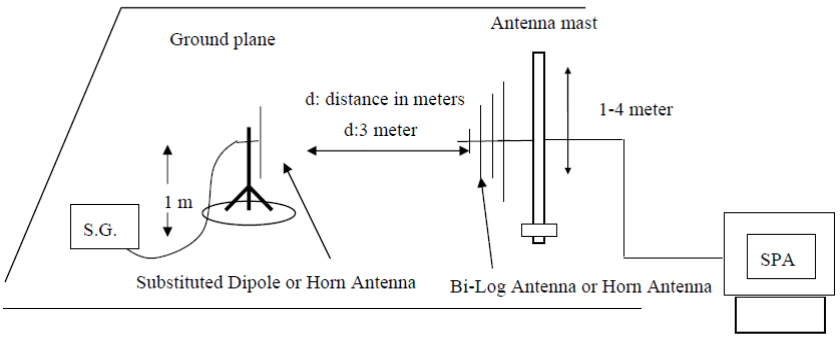
Middle channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
10MHz(RB size 1 & RB offset 0)								
710.00	23790	QPSK	20	H	V	19.81	30.00	Pass
					H	17.58		
710.00	23790	16QAM	20	H	V	19.02		
					H	17.25		
10MHz(RB size 25 & RB offset 0)								
710.00	23790	QPSK	20	H	V	19.32	30.00	Pass
					H	18.07		
710.00	23790	16QAM	20	H	V	19.44		
					H	18.22		
10MHz(RB size 50 & RB offset 0)								
710.00	23790	QPSK	20	H	V	20.01	30.00	Pass
					H	18.54		
710.00	23790	16QAM	20	H	V	19.36		
					H	17.81		

Highest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
10MHz(RB size 1 & RB offset 0)								
711.00	23800	QPSK	20	H	V	20.13	30.00	Pass
					H	18.42		
711.00	23800	16QAM	20	H	V	19.63		
					H	18.53		
10MHz(RB size 25 & RB offset 0)								
711.00	23800	QPSK	20	H	V	19.68	30.00	Pass
					H	17.74		
711.00	23800	16QAM	20	H	V	19.26		
					H	17.15		
10MHz(RB size 50 & RB offset 0)								
711.00	23800	QPSK	20	H	V	19.96	30.00	Pass
					H	17.45		
711.00	23800	16QAM	20	H	V	19.25		
					H	17.42		

6.11 Field strength of spurious radiation measurement

Test Requirement:	FCC part 22.917(a), part 24.238 (a), part 27.53(g), part 27.53(h)
Test Method:	FCC part 2.1053
Limit:	LTE Band 2, LTE Band 4 , LTE Band 5, LTE Band 12, and LTE Band 17: -13 dBm
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	-41.44	-13.00	Pass
5552.10	V	-25.54		
7402.00	V	-29.24		
3701.40	Horizontal	-35.72		
5552.10	H	-16.01		
7402.00	H	-29.70		
9252.43	H	-19.72		
Middle				
3760.00	Vertical	-41.37	-13.00	Pass
5640.00	V	-28.32		
7520.00	V	-21.87		
9400.00	V	-26.27		
3760.00	Horizontal	-39.80		
5640.00	H	-20.96		
7520.00	H	-17.94		
9400.00	H	-16.12		
Highest				
3816.60	Vertical	-25.47	-13.00	Pass
5724.90	V	-26.90		
7633.20	V	-23.35		
3816.60	Horizontal	-33.92		
5724.90	H	-22.22		
7633.20	H	-24.42		
9541.50	H	-14.10		
11449.80	H	-19.00		

3MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3703.00	Vertical	-42.71	-13.00	Pass
5554.50	V	-28.18		
7406.00	V	-31.99		
3703.00	Horizontal	-39.68		
5554.50	H	-16.22		
9257.50	H	-19.36		
11109.00	H	-17.55		
Middle				
5640.00	Vertical	-28.29	-13.00	Pass
7520.00	V	-28.11		
9400.00	V	-26.26		
3760.00	Horizontal	-41.38		
5640.00	H	-21.58		
7520.00	H	-28.71		
9400.00	H	-15.04		
11280.00	H	-20.74		
Highest				
3817.00	Vertical	-38.12	-13.00	Pass
5725.50	V	-28.47		
7634.00	V	-24.82		
9542.50	V	-22.37		
11451.00	V	-25.00		
3817.00	Horizontal	-34.89		
5725.50	H	-22.67		
7634.00	H	-26.43		
9542.50	H	-14.16		
11451.00	H	-17.56		

5MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3705.00	Vertical	-27.51	-13.00	Pass
5557.50	V	-35.68		
7410.00	V	-33.81		
3705.00	Horizontal	-34.34		
5557.50	H	-16.72		
7410.00	H	-24.29		
9262.50	H	-19.61		
11115.00	H	-18.76		
Middle				
5640.00	Vertical	-27.58	-13.00	Pass
7520.00	V	-25.63		
9400.00	V	-25.69		
3760.00	Horizontal	-33.26		
5640.00	H	-22.09		
7520.00	H	-26.81		
9400.00	H	-19.01		
11280.00	H	-21.50		
Highest				
5722.50	Vertical	-27.46	-13.00	Pass
7630.00	V	-24.96		
9537.50	V	-25.03		
3815.00	Horizontal	-32.97		
5722.50	H	-19.98		
7630.00	H	-20.84		
9537.50	H	-13.96		
11445.00	H	-18.95		

10MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
5565.00	Vertical	-28.53	-13.00	Pass
3710.00	Horizontal	-40.01		
5565.00	H	-16.87		
7420.00	H	-26.78		
9275.00	H	-16.66		
11130.00	H	-17.01		
Middle				
3760.00	Vertical	-42.68	-13.00	Pass
5640.00	V	-30.83		
7520.00	V	-27.10		
3760.00	Horizontal	-33.78		
5640.00	H	-18.06		
7520.00	H	-26.75		
9400.00	H	-16.86		
11280.00	H	-20.24		
Highest				
3810.00	Vertical	-34.74	-13.00	Pass
7620.00	V	-28.12		
3810.00	Horizontal	-35.54		
5715.00	H	-26.67		
7620.00	H	-28.07		
9525.00	H	-18.90		
11430.00	H	-21.62		

15MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3715.00	Vertical	-28.36	-13.00	Pass
5572.50	V	-36.31		
7430.00	V	-32.24		
3715.00	Horizontal	-35.26		
3715.00	H	-20.25		
3715.00	H	-35.58		
3715.00	H	-20.25		
3715.00	H	-21.17		
Middle				
3760.00	Vertical	-37.41	-13.00	Pass
5640.00	V	-29.62		
7520.00	V	-26.31		
9400.00	V	-27.78		
3760.00	Horizontal	-32.25		
5640.00	H	-21.18		
7520.00	H	-24.42		
9400.00	H	-21.13		
11280.00	H	-22.05		
Highest				
3805.00	Vertical	-28.53	-13.00	Pass
5707.50	V	-26.61		
7610.00	V	-25.58		
9512.50	V	-24.49		
3805.00	Horizontal	-30.02		
5707.50	H	-21.28		
7610.00	H	-18.87		
9512.50	H	-15.59		
11415.00	H	-20.27		

20MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
5580.00	Vertical	-27.70	-13.00	Pass
3720.00	Horizontal	-40.43		
5580.00	H	-16.71		
7440.00	H	-31.99		
9300.00	H	-19.02		
11160.00	H	-18.24		
Middle				
3760.00	Vertical	-34.51	-13.00	Pass
5640.00	V	-24.38		
7520.00	V	-20.59		
3760.00	Horizontal	-32.19		
5640.00	H	-23.01		
7520.00	H	-24.24		
9400.00	H	-14.02		
11280.00	H	-19.68		
Highest				
3800.00	Vertical	-34.52	-13.00	Pass
5700.00	V	-20.15		
7600.00	V	-30.14		
9500.00	V	-20.17		
7600.00	V	-25.58		
3800.00	Horizontal	-36.35		
5700.00	H	-16.73		
7600.00	H	-27.09		
9500.00	H	-16.70		
11400.00	H	-19.39		

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	-44.17	-13.00	Pass
5132.10	V	-36.25		
6842.80	V	-27.75		
3421.40	Horizontal	-42.33		
5132.10	H	-38.26		
6842.80	H	-26.42		
8553.50	H	-28.84		
10264.20	H	-14.17		
Middle				
3465.00	Vertical	-39.44	-13.00	Pass
5197.50	V	-35.51		
6930.00	V	-26.66		
3465.00	Horizontal	-40.15		
5197.50	H	-37.37		
6930.00	H	-28.35		
8662.50	H	-28.47		
10395.00	H	-25.28		
Highest				
3508.60	Vertical	-40.25	-13.00	Pass
5262.90	V	-38.32		
7017.20	V	-28.95		
3508.60	Horizontal	-38.08		
5262.90	H	-27.74		
7017.20	H	-26.69		
8771.50	H	-27.72		
10525.80	H	-15.26		

3MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3423.00	Vertical	-37.03	-13.00	Pass
5134.50	V	-31.15		
6846.00	V	-18.78		
3423.00	Horizontal	-36.14		
5134.50	H	-28.51		
6846.00	H	-15.02		
8557.50	H	-17.75		
10269.00	H	-18.86		
Middle				
3465.00	Vertical	-36.90	-13.00	Pass
5197.50	V	-30.75		
6930.00	V	-19.01		
8662.50	V	-25.49		
3465.00	Horizontal	-35.18		
5197.50	H	-29.56		
6930.00	H	-14.81		
8662.50	H	-19.61		
10395.00	H	-19.30		
Highest				
3507.00	Vertical	-35.52	-13.00	Pass
5260.50	V	-28.68		
7014.00	V	-18.45		
3507.00	Horizontal	-36.62		
5260.50	H	-30.01		
7014.00	H	-16.63		
8767.50	H	-18.82		
10521.00	H	-17.45		

5MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3425.00	Vertical	-45.02	-13.00	Pass
5137.50	V	-35.24		
6850.00	V	-26.58		
3425.00	Horizontal	-41.15		
5137.50	H	-37.15		
6850.00	H	-25.59		
8562.50	H	-27.78		
10275.00	H	-25.54		
Middle				
3465.00	Vertical	-44.02	-13.00	Pass
5197.50	V	-34.84		
6930.00	V	-25.23		
3465.00	Horizontal	-40.12		
5197.50	H	-36.27		
6930.00	H	-24.24		
8662.50	H	-28.05		
10395.00	H	-24.84		
Highest				
3505.00	Vertical	-43.05	-13.00	Pass
5257.50	V	-36.01		
7010.00	V	-28.45		
3505.00	Horizontal	-37.75		
5257.50	H	-37.12		
7010.00	H	-25.43		
8762.50	H	-28.11		
10515.00	H	-25.52		

10MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3430.00	Vertical	-36.23	-13.00	Pass
5145.00	V	-29.85		
6860.00	V	-24.15		
3430.00	Horizontal	-37.15		
5145.00	H	-35.58		
6860.00	H	-21.17		
8575.00	H	-24.55		
10290.00	H	-18.25		
Middle				
3465.00	Vertical	-35.66	-13.00	Pass
5197.50	V	-30.85		
6930.00	V	-25.01		
8662.50	V	-24.52		
3465.00	Horizontal	-36.77		
5197.50	H	-37.14		
6930.00	H	-20.07		
8662.50	H	-23.98		
10395.00	H	-19.57		
Highest				
3500.00	Vertical	-34.52	-13.00	Pass
5250.00	V	-29.96		
7000.00	V	-24.47		
3500.00	Horizontal	-38.35		
5250.00	H	23.24		
7000.00	H	-25.47		
8750.00	H	-24.05		
10500.00	H	-18.76		

15MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3435.00	Vertical	-36.64	-13.00	Pass
5152.50	V	-32.25		
6870.00	V	-26.63		
3435.00	Horizontal	-32.25		
5152.50	H	-30.07		
6870.00	H	-18.84		
8587.50	H	-24.32		
10305.00	H	-18.47		
Middle				
3465.00	Vertical	-37.00	-13.00	Pass
5197.50	V	-31.16		
6930.00	V	-25.60		
3465.00	Horizontal	-31.98		
5197.50	H	-29.53		
6930.00	H	-17.60		
8662.50	H	-23.08		
10395.00	H	-19.14		
Highest				
3495.00	Vertical	-38.02	-13.00	Pass
5242.50	V	-32.26		
6990.00	V	-20.17		
3495.00	Horizontal	-32.02		
5242.50	H	-30.58		
6990.00	H	-18.54		
8737.50	H	-22.27		
10485.00	H	-18.53		

20MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3440.00	Vertical	-34.78	-13.00	Pass
5160.00	V	-33.36		
6880.00	V	-27.83		
3440.00	Horizontal	-34.15		
5160.00	H	-31.58		
6880.00	H	-23.25		
8600.00	H	-24.37		
10320.00	H	-19.63		
Middle				
3465.00	Vertical	-35.30	-13.00	Pass
5197.50	V	-32.09		
6930.00	V	-26.87		
8662.50	V	-24.17		
3465.00	Horizontal	-33.19		
5197.50	H	-30.10		
6930.00	H	-21.07		
8662.50	H	-21.65		
10395.00	H	-18.42		
Highest				
3490.00	Vertical	-33.15	-13.00	Pass
5235.00	V	-34.35		
6980.00	V	-27.78		
3490.00	Horizontal	-35.56		
5235.00	H	-33.06		
6980.00	H	-22.51		
8725.00	H	-28.69		
10470.00	H	-17.48		

LTE Band 5 Part:

1.4MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
1649.40	Vertical	-56.32	-13.00	Pass
2747.10	V	-35.48		
3844.80	V	-44.69		
1649.40	Horizontal	-58.02		
2747.10	H	-35.27		
3844.80	H	-46.39		
Middle				
1673.00	Vertical	-57.18	-13.00	Pass
2509.50	V	-34.16		
3346.00	V	-45.03		
1673.00	Horizontal	-57.92		
2509.50	H	-37.87		
3346.00	H	-46.59		
Highest				
1696.60	Vertical	-56.27	-13.00	Pass
2544.90	V	-37.05		
3393.20	V	-46.25		
1696.60	Horizontal	-58.84		
2544.90	H	-34.18		
3393.20	H	-46.36		

3MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
1651.00	Vertical	-56.36	-13.00	Pass
2476.50	V	-32.27		
3302.00	V	-41.18		
1651.00	Horizontal	-52.28		
2476.50	H	-35.62		
3302.00	H	-44.51		
Middle				
1673.00	Vertical	-56.36	-13.00	Pass
2509.50	V	-33.25		
3346.00	V	-42.25		
1673.00	Horizontal	-57.02		
2509.50	H	-33.36		
3346.00	H	-43.18		
Highest				
1695.00	Vertical	-57.15	-13.00	Pass
2542.50	V	-34.05		
3390.00	V	-48.05		
1695.00	Horizontal	-55.58		
2542.50	H	-35.02		
3390.00	H	-45.65		

5MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
1653.00	Vertical	-58.63	-13.00	Pass
2479.50	V	-37.12		
3306.00	V	-45.02		
1653.00	Horizontal	-56.32		
2479.50	H	-33.21		
3306.00	H	-45.59		
Middle				
1673.00	Vertical	-57.31	-13.00	Pass
2509.50	V	-36.25		
3346.00	V	-48.02		
1673.00	Horizontal	-56.36		
2509.50	H	-32.28		
3346.00	H	-42.15		
Highest				
1693.00	Vertical	-56.69	-13.00	Pass
2539.50	V	-34.47		
3386.00	V	-43.34		
1693.00	Horizontal	-55.68		
2539.50	H	-34.15		
3386.00	H	-43.37		

10MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
1658.00	Vertical	-57.34	-13.00	Pass
2487.00	V	-36.54		
3316.00	V	-45.26		
1658.00	Horizontal	-56.69		
2487.00	H	-37.15		
3316.00	H	-46.33		
Middle				
1673.00	Vertical	-55.58	-13.00	Pass
2509.50	V	-36.28		
3346.00	V	-47.71		
1673.00	Horizontal	-57.15		
2509.50	H	-35.13		
3346.00	H	-46.28		
Highest				
1688.00	Vertical	-56.69	-13.00	Pass
2532.00	V	-34.42		
3376.00	V	-47.02		
1688.00	Horizontal	-56.63		
2532.00	H	-36.33		
3376.00	H	-45.57		

LTE Band 12 Part:

1.4MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
1399.40	Vertical	-56.42	-13.00	Pass
2099.10	V	-57.26		
2798.80	V	-43.39		
1399.40	Horizontal	-57.42		
2099.10	H	-56.14		
2798.80	H	-42.18		
Middle				
1415.00	Vertical	-58.44	-13.00	Pass
2122.50	V	-57.15		
2830.00	V	-48.63		
1415.00	Horizontal	-58.74		
2122.50	H	-57.12		
2830.00	H	-47.63		
Highest				
1430.60	Vertical	-57.85	-13.00	Pass
2145.90	V	-56.32		
2861.20	V	-45.26		
1430.60	Horizontal	-58.01		
2145.90	H	-57.36		
2861.20	H	-43.33		

3MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
1401.00	Vertical	-56.63	-13.00	Pass
2101.50	V	-57.45		
2802.00	V	-42.29		
1401.00	Horizontal	-57.03		
2101.50	H	-56.14		
2802.00	H	-41.18		
Middle				
1415.00	Vertical	-54.25	-13.00	Pass
2122.50	V	-55.53		
2830.00	V	-43.33		
1415.00	Horizontal	-56.61		
2122.50	H	-57.02		
2830.00	H	-45.11		
Highest				
1429.00	Vertical	-55.69	-13.00	Pass
2143.50	V	-52.15		
2858.00	V	-41.18		
1429.00	Horizontal	-57.03		
2143.50	H	-58.26		
2858.00	H	-42.29		

5MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
1403.00	Vertical	-58.24	-13.00	Pass
2104.50	V	-57.12		
2806.00	V	-45.20		
1403.00	Horizontal	-57.63		
2104.50	H	-56.16		
2806.00	H	-42.25		
Middle				
1415.00	Vertical	-57.02	-13.00	Pass
2122.50	V	-57.45		
2830.00	V	-42.28		
1415.00	Horizontal	-57.61		
2122.50	H	-58.02		
2830.00	H	-41.19		
Highest				
1427.00	Vertical	-58.36	-13.00	Pass
2140.50	V	-57.41		
2854.00	V	-42.22		
1427.00	Horizontal	-57.74		
2140.50	H	-58.31		
2854.00	H	-44.62		

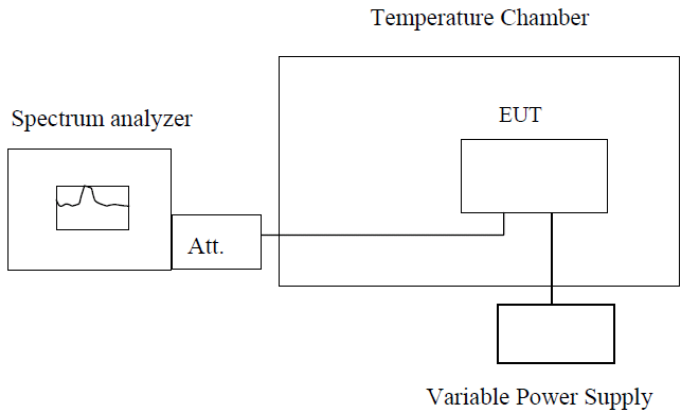
10MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
1408.00	Vertical	-57.15	-13.00	Pass
2112.00	V	-58.37		
2816.00	V	-45.23		
1408.00	Horizontal	-58.86		
2112.00	H	-56.17		
2816.00	H	-46.05		
Middle				
1415.00	Vertical	-58.41	-13.00	Pass
2122.50	V	-56.36		
2830.00	V	-45.28		
1415.00	Horizontal	-56.35		
2122.50	H	-32.04		
2830.00	H	-45.69		
Highest				
1422.00	Vertical	-58.02	-13.00	Pass
2133.00	V	-56.32		
2844.00	V	-47.25		
1422.00	Horizontal	-56.27		
2133.00	H	-40.25		
2844.00	H	-45.69		

LTE Band 17 Part:

5MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
1413.00	Vertical	-57.74	-13.00	Pass
2119.50	V	-42.25		
2826.00	V	-46.69		
1413.00	Horizontal	-58.33		
2119.50	H	-45.28		
2826.00	H	-46.73		
Middle				
1420.00	Vertical	-57.26	-13.00	Pass
2130.00	V	-40.71		
2840.00	V	-45.69		
1420.00	Horizontal	-58.04		
2130.00	H	-44.64		
2840.00	H	-46.33		
Highest				
1427.00	Vertical	-58.24	-13.00	Pass
2140.50	V	-43.28		
2854.00	V	-46.81		
1427.00	Horizontal	-57.75		
2140.50	H	-43.32		
2854.00	H	-47.15		

10MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
1418.00	Vertical	-58.02	-13.00	Pass
2127.00	V	-42.29		
2836.00	V	-47.13		
1418.00	Horizontal	-57.65		
2127.00	H	-41.18		
2836.00	H	-47.20		
Middle				
1420.00	Vertical	-50.27	-13.00	Pass
2130.00	V	-42.58		
2840.00	V	-46.69		
1420.00	Horizontal	-55.17		
2130.00	H	-45.97		
2840.00	H	-46.82		
Highest				
1422.00	Vertical	-58.31	-13.00	Pass
2133.00	V	-44.25		
2844.00	V	-46.62		
1422.00	Horizontal	-57.79		
2133.00	H	-43.31		
2844.00	H	-46.24		

6.12 Frequency stability V.S. Temperature measurement

Test Requirement:	FCC Part 2.1055(a)(1)(b)
Test Method:	FCC Part 2.1055(a)(1)(b)
Limit:	±2.5 ppm
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	166	0.088298	±2.5	Pass
	-20	187	0.099468		
	-10	123	0.065426		
	0	124	0.065957		
	10	122	0.064894		
	20	134	0.071277		
	30	135	0.071809		
	40	140	0.074468		
	50	152	0.080851		
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	105	0.055851	±2.5	Pass
	-20	136	0.072340		
	-10	192	0.102128		
	0	120	0.063830		
	10	145	0.077128		
	20	144	0.076596		
	30	152	0.080851		
	40	133	0.070745		
	50	124	0.065957		
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	174	0.092553	±2.5	Pass
	-20	152	0.080851		
	-10	130	0.069149		
	0	122	0.064894		
	10	125	0.066489		
	20	136	0.072340		
	30	160	0.085106		
	40	161	0.085638		
	50	108	0.057447		

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	105	0.055851		
	-10	103	0.054787		
	0	126	0.067021		
	10	160	0.085106		
	20	152	0.080851		
	30	124	0.065957		
	40	140	0.074468		
	50	141	0.075000		
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	63	0.033511	±2.5	Pass
	-20	87	0.046277		
	-10	105	0.055851		
	0	136	0.072340		
	10	140	0.074468		
	20	110	0.058511		
	30	85	0.045213		
	40	47	0.025000		
	50	96	0.051064		
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	163	0.086702	±2.5	Pass
	-20	168	0.089362		
	-10	105	0.055851		
	0	107	0.056915		
	10	125	0.066489		
	20	113	0.060106		
	30	105	0.055851		
	40	124	0.065957		
	50	105	0.055851		

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	132	0.070213	±2.5	Pass
	-20	165	0.087766		
	-10	187	0.099468		
	0	102	0.054255		
	10	61	0.032447		
	20	133	0.070745		
	30	158	0.084043		
	40	122	0.064894		
	50	142	0.075532		
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	144	0.076596	±2.5	Pass
	-20	123	0.065426		
	-10	130	0.069149		
	0	108	0.057447		
	10	128	0.068085		
	20	170	0.090426		
	30	124	0.065957		
	40	105	0.055851		
	50	122	0.064894		
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	126	0.067021	±2.5	Pass
	-20	104	0.055319		
	-10	102	0.054255		
	0	124	0.065957		
	10	125	0.066489		
	20	103	0.054787		
	30	100	0.053191		
	40	98	0.052128		
	50	123	0.065426		

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	120	0.063830	±2.5	Pass
	-20	145	0.077128		
	-10	102	0.054255		
	0	103	0.054787		
	10	135	0.071809		
	20	177	0.094149		
	30	63	0.033511		
	40	142	0.075532		
	50	118	0.062766		
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	145	0.077128	±2.5	Pass
	-20	123	0.065426		
	-10	107	0.056915		
	0	123	0.065426		
	10	105	0.055851		
	20	142	0.075532		
	30	85	0.045213		
	40	107	0.056915		
	50	103	0.054787		
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	142	0.075532	±2.5	Pass
	-20	162	0.086170		
	-10	104	0.055319		
	0	108	0.057447		
	10	105	0.055851		
	20	96	0.051064		
	30	87	0.046277		
	40	105	0.055851		
	50	102	0.054255		

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	85	0.049062	±2.5	Pass
	-20	96	0.055411		
	-10	158	0.091198		
	0	169	0.097547		
	10	133	0.076768		
	20	125	0.072150		
	30	107	0.061760		
	40	132	0.076190		
	50	101	0.058297		
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	105	0.060606		
	-10	124	0.071573		
	0	132	0.076190		
	10	122	0.070418		
	20	108	0.062338		
	30	105	0.060606		
	40	112	0.064646		
	50	114	0.065801		
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	175	0.101010	±2.5	Pass
	-20	142	0.081962		
	-10	136	0.078499		
	0	125	0.072150		
	10	98	0.056566		
	20	102	0.058874		
	30	104	0.060029		
	40	126	0.072727		
	50	108	0.062338		

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	85	0.049062	±2.5	Pass
	-20	136	0.078499		
	-10	104	0.060029		
	0	95	0.054834		
	10	164	0.094661		
	20	125	0.072150		
	30	105	0.060606		
	40	133	0.076768		
	50	128	0.073882		
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	108	0.062338	±2.5	Pass
	-20	126	0.072727		
	-10	104	0.060029		
	0	115	0.066378		
	10	107	0.061760		
	20	96	0.055411		
	30	87	0.050216		
	40	136	0.078499		
	50	109	0.062915		
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	150	0.086580	±2.5	Pass
	-20	180	0.103896		
	-10	163	0.094084		
	0	85	0.049062		
	10	124	0.071573		
	20	105	0.060606		
	30	136	0.078499		
	40	144	0.083117		
	50	108	0.062338		

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	160	0.092352	±2.5	Pass
	-20	167	0.096392		
	-10	102	0.058874		
	0	132	0.076190		
	10	148	0.085426		
	20	128	0.073882		
	30	136	0.078499		
	40	140	0.080808		
	50	99	0.057143		
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	107	0.061760	±2.5	Pass
	-20	148	0.085426		
	-10	96	0.055411		
	0	79	0.045599		
	10	169	0.097547		
	20	125	0.072150		
	30	136	0.078499		
	40	147	0.084848		
	50	105	0.060606		
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	145	0.083694	±2.5	Pass
	-20	96	0.055411		
	-10	85	0.049062		
	0	107	0.061760		
	10	105	0.060606		
	20	178	0.102742		
	30	103	0.059452		
	40	108	0.062338		
	50	104	0.060029		

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	122	0.070418	±2.5	Pass
	-20	162	0.093506		
	-10	90	0.051948		
	0	85	0.049062		
	10	101	0.058297		
	20	123	0.070996		
	30	104	0.060029		
	40	132	0.076190		
	50	95	0.054834		
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	135	0.077922	±2.5	Pass
	-20	102	0.058874		
	-10	132	0.076190		
	0	124	0.071573		
	10	102	0.058874		
	20	162	0.093506		
	30	85	0.049062		
	40	154	0.088889		
	50	90	0.051948		
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	163	0.094084	±2.5	Pass
	-20	152	0.087734		
	-10	124	0.071573		
	0	120	0.069264		
	10	68	0.039250		
	20	74	0.042713		
	30	85	0.049062		
	40	105	0.060606		
	50	108	0.062338		

LTE Band 5(QPSK):

Reference Frequency: LTE Band 5(1.4MHz) Middle channel=20525 channel=836.5MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	96	0.114764	±2.5	Pass
	-20	74	0.088464		
	-10	162	0.193664		
	0	155	0.185296		
	10	104	0.124328		
	20	123	0.147041		
	30	160	0.191273		
	40	102	0.121937		
	50	104	0.124328		
Reference Frequency: LTE Band 5(3MHz) Middle channel=20525 channel=836.5MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	155	0.185296	±2.5	Pass
	-20	124	0.148237		
	-10	130	0.155409		
	0	101	0.120741		
	10	95	0.113568		
	20	74	0.088464		
	30	108	0.129109		
	40	123	0.147041		
	50	124	0.148237		
Reference Frequency: LTE Band 5(5MHz) Middle channel=20525 channel=836.5MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	150	0.179319	±2.5	Pass
	-20	69	0.082487		
	-10	108	0.129109		
	0	125	0.149432		
	10	103	0.123132		
	20	124	0.148237		
	30	132	0.157800		
	40	108	0.129109		
	50	102	0.121937		
Reference Frequency: LTE Band 5(10MHz) Middle channel=20525 channel=836.5MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	108	0.129109	±2.5	Pass
	-20	136	0.162582		
	-10	120	0.143455		
	0	104	0.124328		
	10	171	0.204423		
	20	102	0.121937		
	30	106	0.126718		
	40	133	0.158996		
	50	132	0.157800		

LTE Band 5(16QAM):

Reference Frequency: LTE Band 5(1.4MHz) Middle channel=20525 channel=836.5MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	105	0.125523	±2.5	Pass
	-20	167	0.199641		
	-10	124	0.148237		
	0	105	0.125523		
	10	136	0.162582		
	20	125	0.149432		
	30	115	0.137478		
	40	104	0.124328		
	50	97	0.115959		
Reference Frequency: LTE Band 5(3MHz) Middle channel=20525 channel=836.5MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	102	0.121937	±2.5	Pass
	-20	144	0.172146		
	-10	103	0.123132		
	0	97	0.115959		
	10	106	0.126718		
	20	102	0.121937		
	30	122	0.145846		
	40	140	0.167364		
	50	105	0.125523		
Reference Frequency: LTE Band 5(5MHz) Middle channel=20525 channel=836.5MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	133	0.158996	±2.5	Pass
	-20	84	0.100418		
	-10	90	0.107591		
	0	102	0.121937		
	10	105	0.125523		
	20	145	0.173341		
	30	102	0.121937		
	40	103	0.123132		
	50	107	0.127914		
Reference Frequency: LTE Band 5(10MHz) Middle channel=20525 channel=836.5MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	96	0.114764	±2.5	Pass
	-20	136	0.162582		
	-10	74	0.088464		
	0	85	0.101614		
	10	102	0.121937		
	20	132	0.157800		
	30	108	0.129109		
	40	104	0.124328		
	50	88	0.105200		

LTE Band 12(QPSK):

Reference Frequency: LTE Band 12(1.4MHz) Middle channel=23095 channel=707.5MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	75	0.106007	±2.5	Pass
	-20	48	0.067845		
	-10	153	0.216254		
	0	169	0.238869		
	10	105	0.148410		
	20	120	0.169611		
	30	112	0.158304		
	40	138	0.195053		
	50	107	0.151237		
Reference Frequency: LTE Band 12(3MHz) Middle channel=23095 channel=707.5MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	149	0.210601	±2.5	Pass
	-20	120	0.169611		
	-10	104	0.146996		
	0	99	0.139929		
	10	87	0.122968		
	20	106	0.149823		
	30	104	0.146996		
	40	123	0.173852		
	50	124	0.175265		
Reference Frequency: LTE Band 12(5MHz) Middle channel=23095 channel=707.5MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	179	0.253004	±2.5	Pass
	-20	163	0.230389		
	-10	142	0.200707		
	0	105	0.148410		
	10	106	0.149823		
	20	127	0.179505		
	30	142	0.200707		
	40	136	0.192226		
	50	140	0.197880		
Reference Frequency: LTE Band 12(10MHz) Middle channel=23095 channel=707.5MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	96	0.135689	±2.5	Pass
	-20	136	0.192226		
	-10	104	0.146996		
	0	85	0.120141		
	10	107	0.151237		
	20	108	0.152650		
	30	124	0.175265		
	40	147	0.207774		
	50	103	0.145583		

LTE Band 12(16QAM):

Reference Frequency: LTE Band 12(1.4MHz) Middle channel=23095 channel=707.5MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	165	0.233216	±2.5	Pass
	-20	125	0.176678		
	-10	108	0.152650		
	0	137	0.193640		
	10	141	0.199293		
	20	108	0.152650		
	30	125	0.176678		
	40	97	0.137102		
	50	104	0.146996		
Reference Frequency: LTE Band 12(3MHz) Middle channel=23095 channel=707.5MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	122	0.172438	±2.5	Pass
	-20	143	0.202120		
	-10	85	0.120141		
	0	107	0.151237		
	10	168	0.237456		
	20	102	0.144170		
	30	104	0.146996		
	40	105	0.148410		
	50	108	0.152650		
Reference Frequency: LTE Band 12(5MHz) Middle channel=23095 channel=707.5MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	138	0.195053	±2.5	Pass
	-20	74	0.104594		
	-10	109	0.154064		
	0	124	0.175265		
	10	102	0.144170		
	20	162	0.228975		
	30	104	0.146996		
	40	105	0.148410		
	50	170	0.240283		
Reference Frequency: LTE Band 12(10MHz) Middle channel=23095 channel=707.5MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	105	0.148410	±2.5	Pass
	-20	163	0.230389		
	-10	85	0.120141		
	0	74	0.104594		
	10	108	0.152650		
	20	122	0.172438		
	30	104	0.146996		
	40	126	0.178092		
	50	103	0.145583		

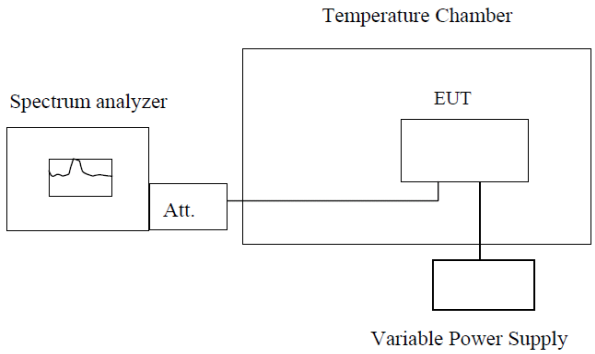
LTE Band 17(QPSK):

Reference Frequency: LTE Band 17(5MHz) Middle channel=23790 channel=710.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	188	0.264789	±2.5	Pass
	-20	104	0.146479		
	-10	106	0.149296		
	0	108	0.152113		
	10	95	0.133803		
	20	78	0.109859		
	30	103	0.145070		
	40	104	0.146479		
	50	105	0.147887		
Reference Frequency: LTE Band 17(10MHz) Middle channel=23790 channel=710.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	69	0.097183	±2.5	Pass
	-20	154	0.216901		
	-10	108	0.152113		
	0	126	0.177465		
	10	104	0.146479		
	20	74	0.104225		
	30	109	0.153521		
	40	122	0.171831		
	50	128	0.180282		

LTE Band 17(16QAM):

Reference Frequency: LTE Band 17(5MHz) Middle channel=23790 channel=710.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	144	0.202817	±2.5	Pass
	-20	105	0.147887		
	-10	108	0.152113		
	0	96	0.135211		
	10	107	0.150704		
	20	108	0.152113		
	30	85	0.119718		
	40	116	0.163380		
	50	118	0.166197		
Reference Frequency: LTE Band 17(10MHz) Middle channel=23790 channel=710.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	109	0.153521	±2.5	Pass
	-20	102	0.143662		
	-10	107	0.150704		
	0	48	0.067606		
	10	156	0.219718		
	20	102	0.143662		
	30	104	0.146479		
	40	126	0.177465		
	50	105	0.147887		

6.13 Frequency stability V.S. Voltage measurement

Test Requirement:	FCC Part 2.1055(d)(1)(2)
Test Method:	FCC Part 2.1055(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	4.25	96	0.051064	±2.5	Pass
	3.80	88	0.046809		
	3.40	74	0.039362		
Reference Frequency: LTE Band 2(3MHz) Middle channel=18900 channel=1880.00MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	80	0.042553	±2.5	Pass
	3.80	75	0.039894		
	3.40	36	0.019149		
Reference Frequency: LTE Band 2(5MHz) Middle channel=18900 channel=1880.00MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	74	0.039362	±2.5	Pass
	3.80	98	0.052128		
	3.40	52	0.027660		
Reference Frequency: LTE Band 2(10MHz) Middle channel=18900 channel=1880.00MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	96	0.051064	±2.5	Pass
	3.80	74	0.039362		
	3.40	88	0.046809		
Reference Frequency: LTE Band 2(15MHz) Middle channel=18900 channel=1880.00MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	96	0.051064	±2.5	Pass
	3.80	57	0.030319		
	3.40	59	0.031383		
Reference Frequency: LTE Band 2(20MHz) Middle channel=20175 channel=1880.00MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	70	0.037234	±2.5	Pass
	3.80	85	0.045213		
	3.40	70	0.037234		

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	4.25	74	0.039362	±2.5	Pass
	3.80	96	0.051064		
	3.40	85	0.045213		
Reference Frequency: LTE Band 2(3MHz) Middle channel=18900 channel=1880.00MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	78	0.041489	±2.5	Pass
	3.80	62	0.032979		
	3.40	78	0.041489		
Reference Frequency: LTE Band 2(5MHz) Middle channel=18900 channel=1880.00MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	79	0.042021	±2.5	Pass
	3.80	50	0.026596		
	3.40	44	0.023404		
Reference Frequency: LTE Band 2(10MHz) Middle channel=18900 channel=1880.00MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	64	0.034043	±2.5	Pass
	3.80	68	0.036170		
	3.40	76	0.040426		
Reference Frequency: LTE Band 2(15MHz) Middle channel=18900 channel=1880.00MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	40	0.021277	±2.5	Pass
	3.80	85	0.045213		
	3.40	96	0.051064		
Reference Frequency: LTE Band 2(20MHz) Middle channel=18900 channel=1880.00MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	74	0.039362	±2.5	Pass
	3.80	58	0.030851		
	3.40	46	0.024468		

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	4.25	96	0.055411	±2.5	Pass
	3.80	88	0.050794		
	3.40	75	0.043290		
Reference Frequency: LTE Band 4(3MHz) Middle channel=20175 channel=1732.50MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	63	0.036364	±2.5	Pass
	3.80	55	0.031746		
	3.40	46	0.026551		
Reference Frequency: LTE Band 4(5MHz) Middle channel=20175 channel=1732.50MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	58	0.033478	±2.5	Pass
	3.80	59	0.034055		
	3.40	74	0.042713		
Reference Frequency: LTE Band 4(10MHz) Middle channel=20175 channel=1732.50MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	85	0.049062	±2.5	Pass
	3.80	89	0.051371		
	3.40	74	0.042713		
Reference Frequency: LTE Band 4(15MHz) Middle channel=20175 channel=1732.50MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	59	0.034055	±2.5	Pass
	3.80	85	0.049062		
	3.40	63	0.036364		
Reference Frequency: LTE Band 4(20MHz) Middle channel=20175 channel=1732.50MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	82	0.047330	±2.5	Pass
	3.80	74	0.042713		
	3.40	96	0.055411		

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	4.25	85	0.049062	±2.5	Pass
	3.80	74	0.042713		
	3.40	63	0.036364		
Reference Frequency: LTE Band 4(3MHz) Middle channel=20175 channel=1732.50MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	82	0.047330	±2.5	Pass
	3.80	47	0.027128		
	3.40	96	0.055411		
Reference Frequency: LTE Band 4(5MHz) Middle channel=20175 channel=1732.50MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	85	0.049062	±2.5	Pass
	3.80	74	0.042713		
	3.40	56	0.032323		
Reference Frequency: LTE Band 4(10MHz) Middle channel=20175 channel=1732.50MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	85	0.049062	±2.5	Pass
	3.80	74	0.042713		
	3.40	66	0.038095		
Reference Frequency: LTE Band 4(15MHz) Middle channel=20175 channel=1732.50MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	96	0.055411	±2.5	Pass
	3.80	85	0.049062		
	3.40	74	0.042713		
Reference Frequency: LTE Band 4(20MHz) Middle channel=20175 channel=1732.50MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	55	0.031746	±2.5	Pass
	3.80	63	0.036364		
	3.40	49	0.028283		

LTE Band 5(QPSK):

Reference Frequency: LTE Band 5(1.4MHz) Middle channel=20525 channel=836.5MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	69	0.082487	±2.5	Pass
	3.80	57	0.068141		
	3.40	87	0.104005		
Reference Frequency: LTE Band 5(3MHz) Middle channel=20525 channel=836.5MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	69	0.082487	±2.5	Pass
	3.80	54	0.064555		
	3.40	49	0.058577		
Reference Frequency: LTE Band 5(5MHz) Middle channel=20525 channel=836.5MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	68	0.081291	±2.5	Pass
	3.80	85	0.101614		
	3.40	88	0.105200		
Reference Frequency: LTE Band 5(10MHz) Middle channel=20525 channel=836.5MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	85	0.101614	±2.5	Pass
	3.80	95	0.113568		
	3.40	74	0.088464		

LTE Band 5(16QAM):

Reference Frequency: LTE Band 5(1.4MHz) Middle channel=20525 channel=836.5MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	96	0.114764	±2.5	Pass
	3.80	68	0.081291		
	3.40	63	0.075314		
Reference Frequency: LTE Band 5(3MHz) Middle channel=20525 channel=836.5MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	70	0.083682	±2.5	Pass
	3.80	80	0.095637		
	3.40	74	0.088464		
Reference Frequency: LTE Band 5(5MHz) Middle channel=20525 channel=836.5MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	60	0.071727	±2.5	Pass
	3.80	85	0.101614		
	3.40	55	0.065750		
Reference Frequency: LTE Band 5(10MHz) Middle channel=20525 channel=836.5MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	74	0.088464	±2.5	Pass
	3.80	52	0.062164		
	3.40	69	0.082487		

LTE Band 12(QPSK):

Reference Frequency: LTE Band 12(1.4MHz) Middle channel=23095 channel=707.5MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	74	0.104594	±2.5	Pass
	3.80	77	0.108834		
	3.40	85	0.120141		
Reference Frequency: LTE Band 12(3MHz) Middle channel=23095 channel=707.5MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	66	0.093286	±2.5	Pass
	3.80	85	0.120141		
	3.40	47	0.066431		
Reference Frequency: LTE Band 12(5MHz) Middle channel=23095 channel=707.5MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	62	0.087633	±2.5	Pass
	3.80	55	0.077739		
	3.40	45	0.063604		
Reference Frequency: LTE Band 12(10MHz) Middle channel=23095 channel=707.5MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	82	0.115901	±2.5	Pass
	3.80	86	0.121555		
	3.40	96	0.135689		

LTE Band 12(16QAM):

Reference Frequency: LTE Band 12(1.4MHz) Middle channel=23095 channel=707.5MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	75	0.106007	±2.5	Pass
	3.80	45	0.063604		
	3.40	40	0.056537		
Reference Frequency: LTE Band 12(3MHz) Middle channel=23095 channel=707.5MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	70	0.098940	±2.5	Pass
	3.80	85	0.120141		
	3.40	63	0.089046		
Reference Frequency: LTE Band 12(5MHz) Middle channel=23095 channel=707.5MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	75	0.106007	±2.5	Pass
	3.80	96	0.135689		
	3.40	88	0.124382		
Reference Frequency: LTE Band 12(10MHz) Middle channel=23095 channel=707.5MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	75	0.106007	±2.5	Pass
	3.80	58	0.081979		
	3.40	55	0.077739		

LTE Band 17(QPSK):

Reference Frequency: LTE Band 17(5MHz) Middle channel=23790 channel=710.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	101	0.142254	±2.5	Pass
	3.70	74	0.104225		
	3.40	100	0.140845		
Reference Frequency: LTE Band 17(10MHz) Middle channel=23790 channel=710.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	99	0.139437	±2.5	Pass
	3.70	98	0.138028		
	3.40	75	0.105634		

LTE Band 17(16QAM):

Reference Frequency: LTE Band 17(5MHz) Middle channel=23790 channel=710.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	58	0.081690	±2.5	Pass
	3.70	74	0.104225		
	3.40	75	0.105634		
Reference Frequency: LTE Band 17(10MHz) Middle channel=23790 channel=710.00MHz					
Temperature (℃)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	85	0.119718	±2.5	Pass
	3.70	74	0.104225		
	3.40	102	0.143662		