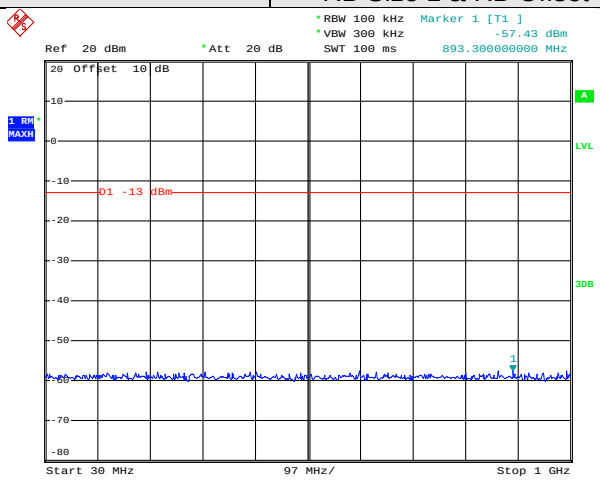
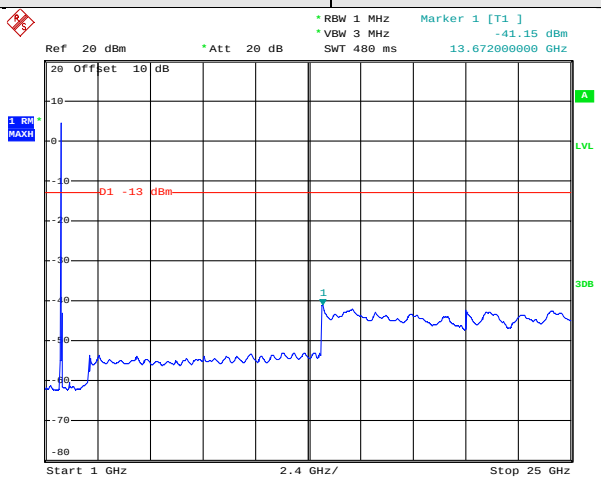
Test Mode:	LTE band 4(20MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Highest channel



Date: 15.JAN.2015 19:22:12

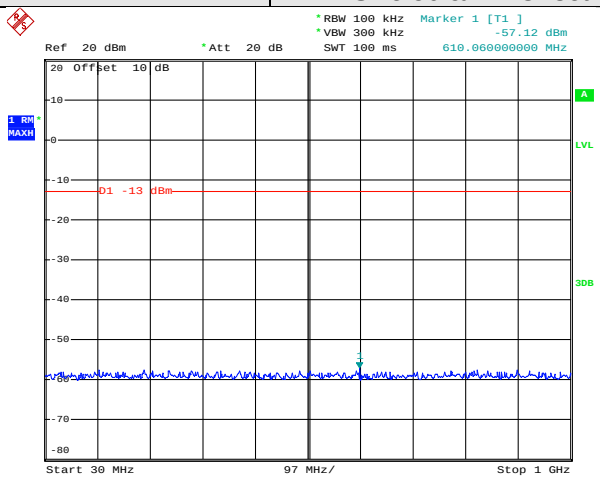
30MHz~1GHz



Date: 15.JAN.2015 19:00:06

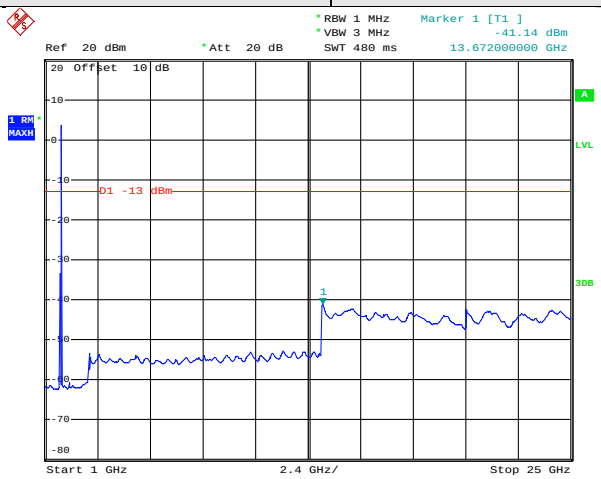
1GHz~25GHz

Test Mode:	LTE band 4(20MHz 16QAM) RB Size 50 & RB Offset 49	Test Channel:	Lowest channel



Date: 15.JAN.2015 19:20:08

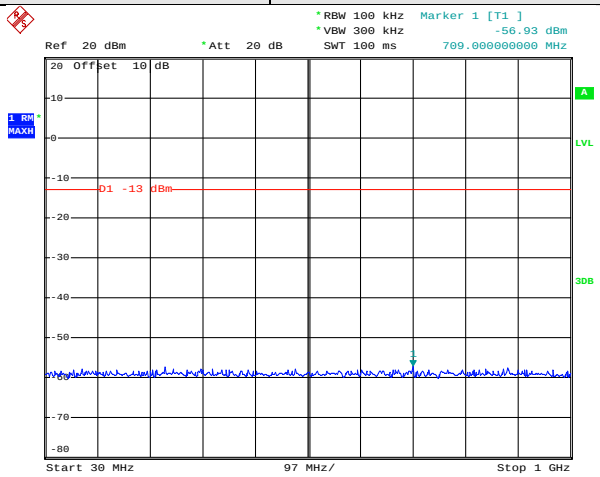
30MHz~1GHz



Date: 15.JAN.2015 18:56:30

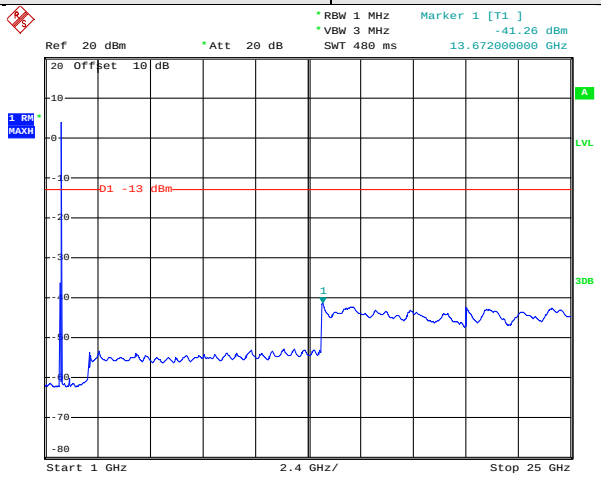
1GHz~25GHz

Test Mode:	LTE band 4(20MHz 16QAM) RB Size 50 & RB Offset 0	Test Channel:	Middle channel



Date: 15.JAN.2015 19:21:19

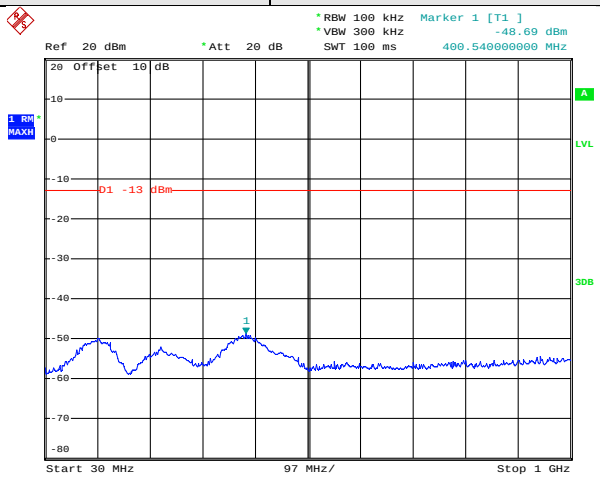
30MHz~1GHz



Date: 15.JAN.2015 18:58:36

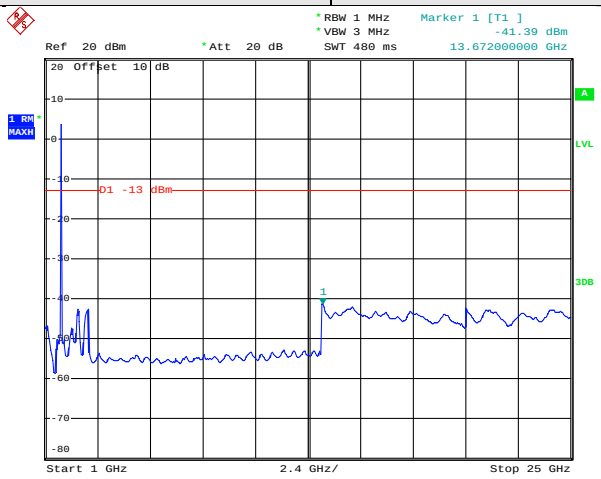
1GHz~25GHz

Test Mode:	LTE band 4(20MHz 16QAM) RB Size 50 & RB Offset 0	Test Channel:	Highest channel



Date: 15.JAN.2015 19:22:22

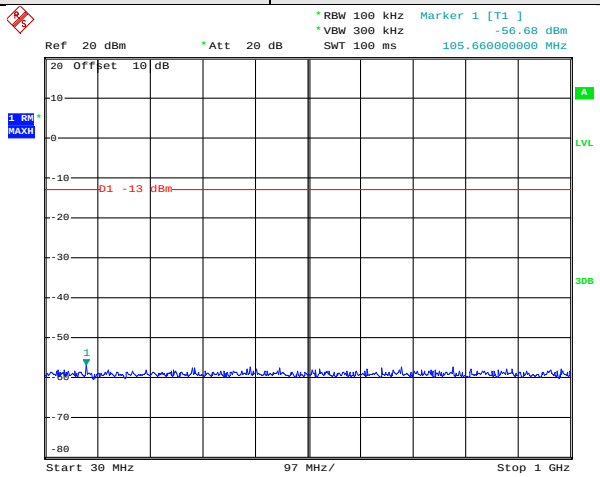
30MHz~1GHz



Date: 15.JAN.2015 19:00:17

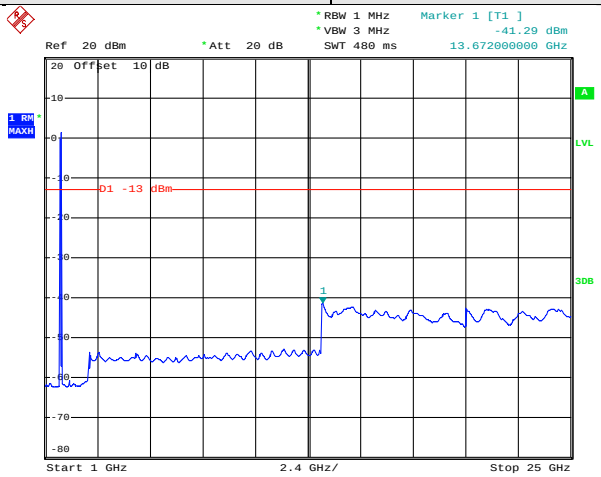
1GHz~25GHz

Test Mode:	LTE band 4(20MHz 16QAM) RB Size 100 & RB Offset 0	Test Channel:	Lowest channel



Date: 15.JAN.2015 19:20:14

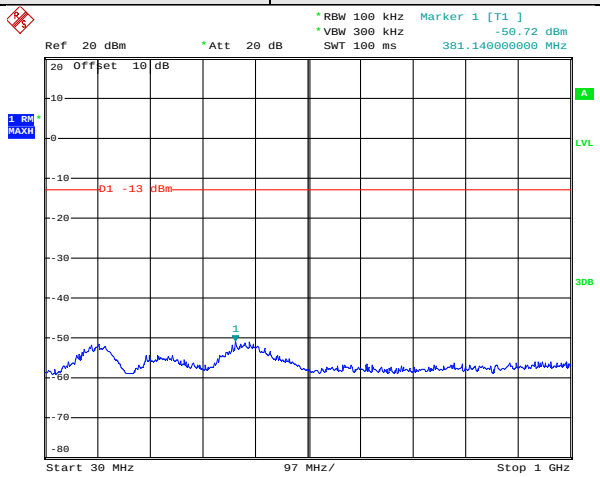
30MHz~1GHz



Date: 15.JAN.2015 18:56:43

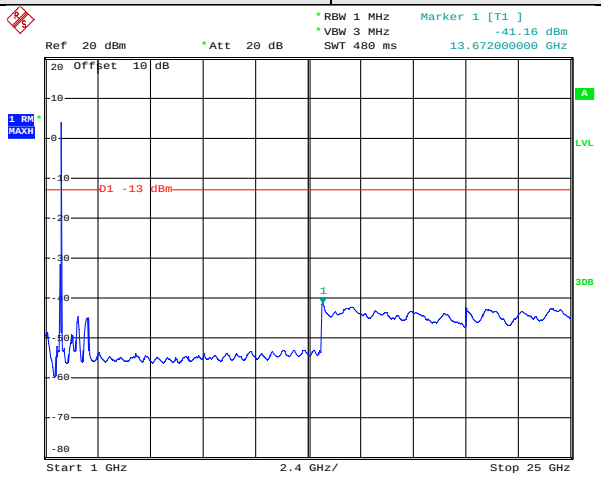
1GHz~25GHz

Test Mode:	LTE band 4(20MHz 16QAM) RB Size 100 & RB Offset 0	Test Channel:	Middle channel



Date: 15.JAN.2015 19:21:25

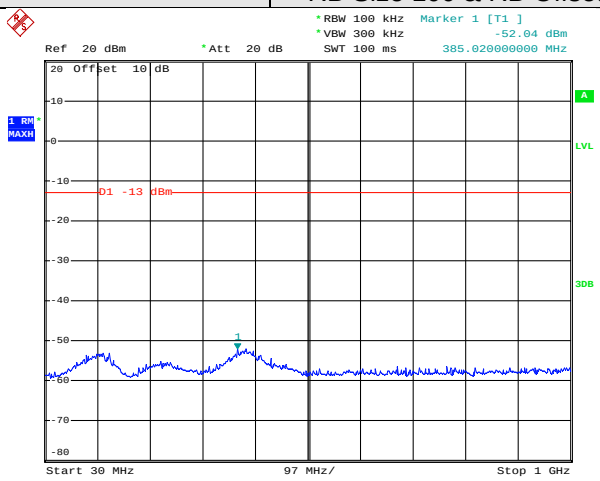
30MHz~1GHz



Date: 15.JAN.2015 18:58:48

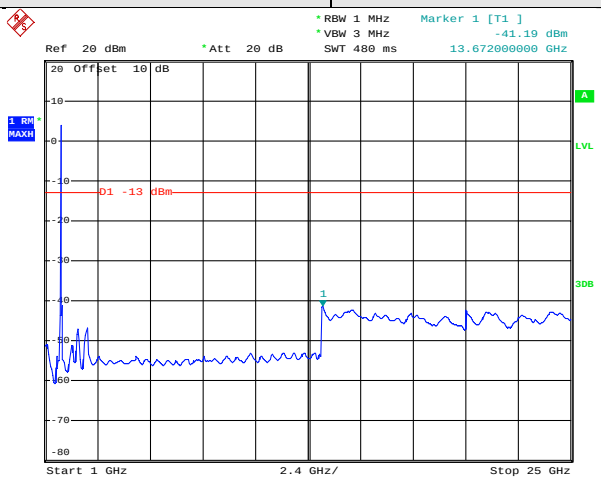
1GHz~25GHz

Test Mode:	LTE band 4(20MHz 16QAM) RB Size 100 & RB Offset 0	Test Channel:	Highest channel



Date: 15.JAN.2015 19:22:31

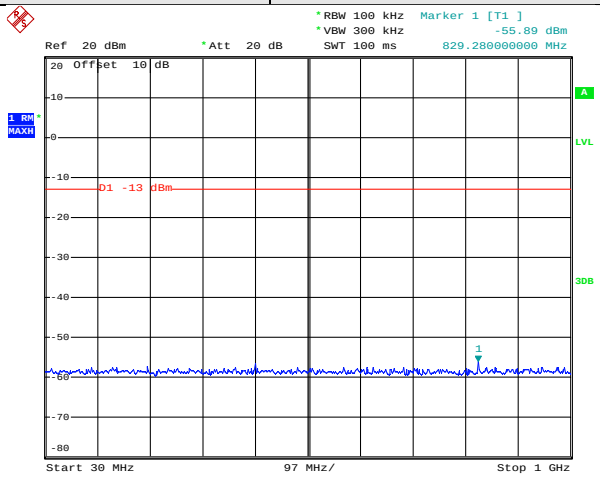
30MHz~1GHz



Date: 15.JAN.2015 19:00:28

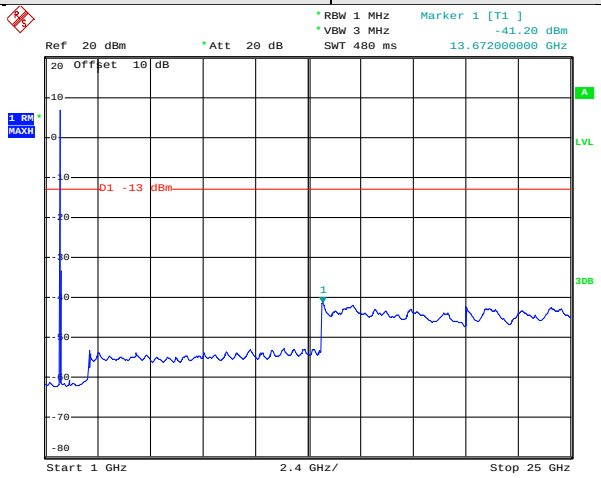
1GHz~25GHz

Test Mode:	LTE band 4(20MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Lowest channel



Date: 15.JAN.2015 19:19:34

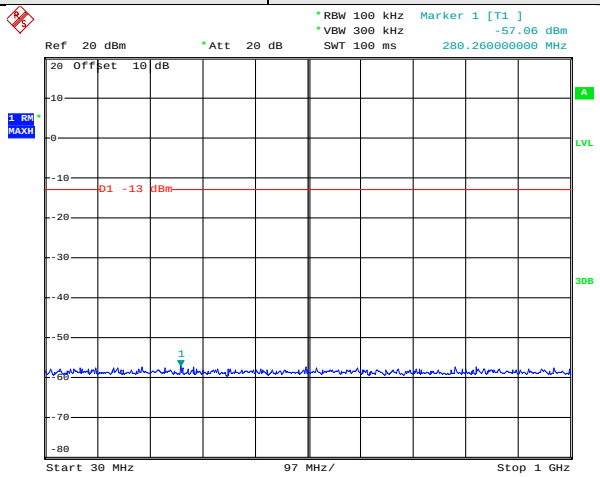
30MHz~1GHz



Date: 15.JAN.2015 18:55:44

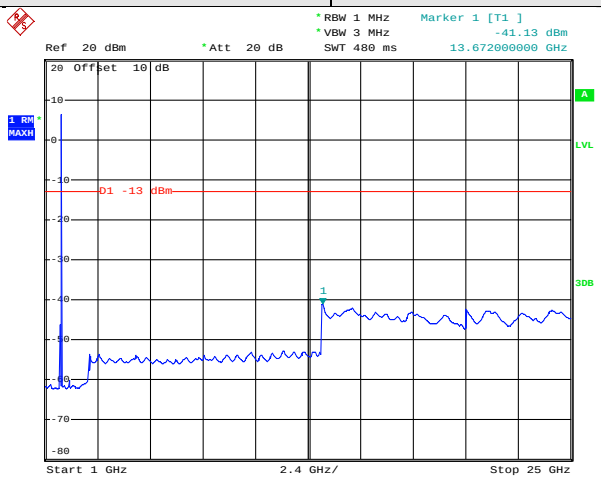
1GHz~25GHz

Test Mode:	LTE band 4(20MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Middle channel



Date: 15.JAN.2015 19:20:47

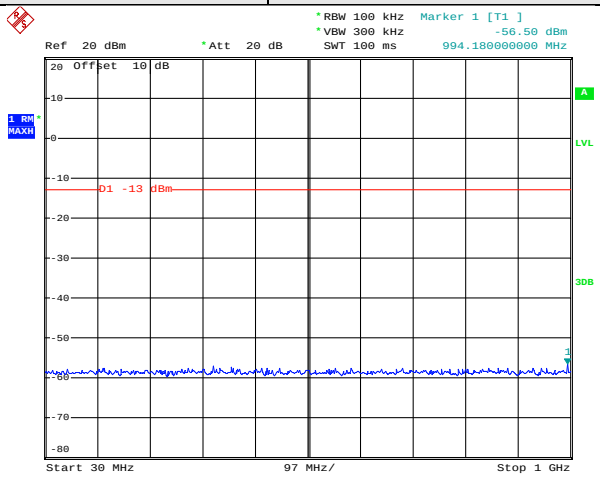
30MHz~1GHz



Date: 15.JAN.2015 18:57:40

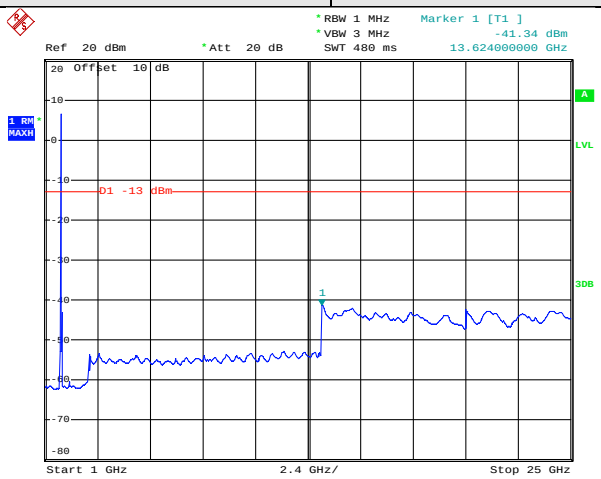
1GHz~25GHz

Test Mode:	LTE band 4(20MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Highest channel



Date: 15.JAN.2015 19:21:46

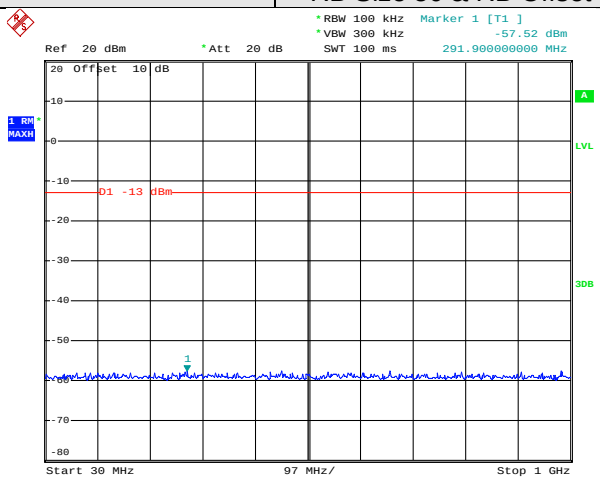
30MHz~1GHz



Date: 15.JAN.2015 18:59:16

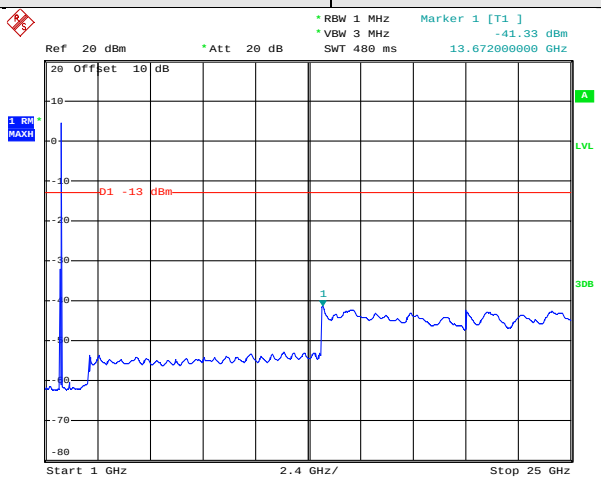
1GHz~25GHz

Test Mode:	LTE band 4 (20MHz QPSK) RB Size 50 & RB Offset 49	Test Channel:	Lowest channel



Date: 15.JAN.2015 19:19:45

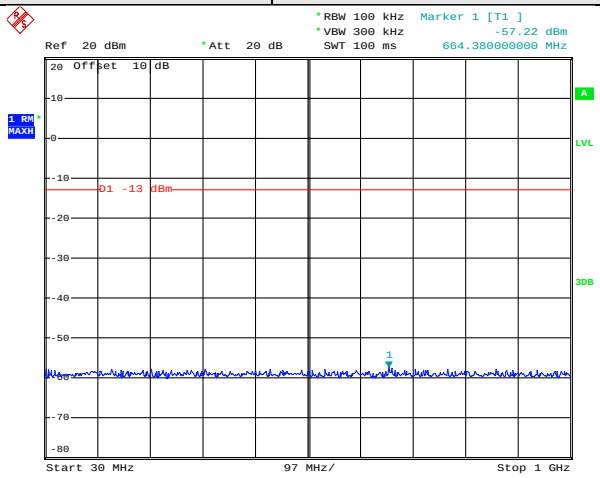
30MHz~1GHz



Date: 15.JAN.2015 18:55:56

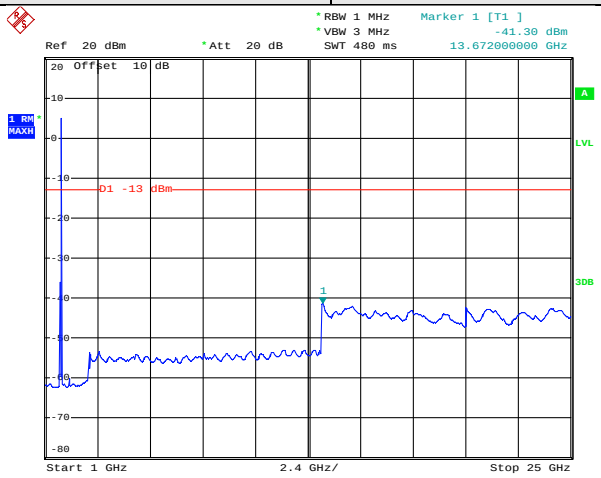
1GHz~25GHz

Test Mode:	LTE band 4 (20MHz QPSK) RB Size 50 & RB Offset 0	Test Channel:	Middle channel



Date: 15.JAN.2015 19:20:53

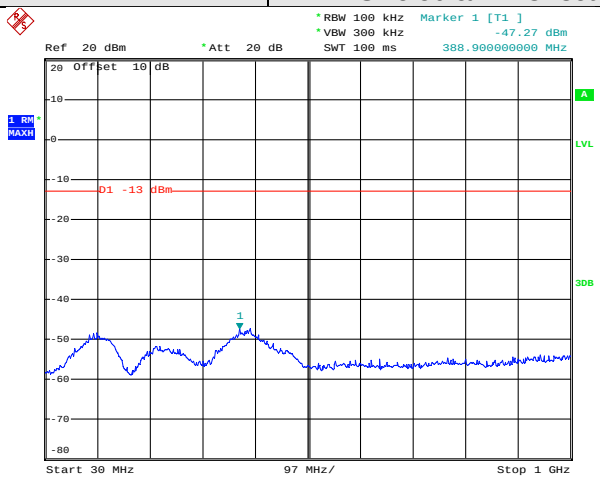
30MHz~1GHz



Date: 15.JAN.2015 18:57:52

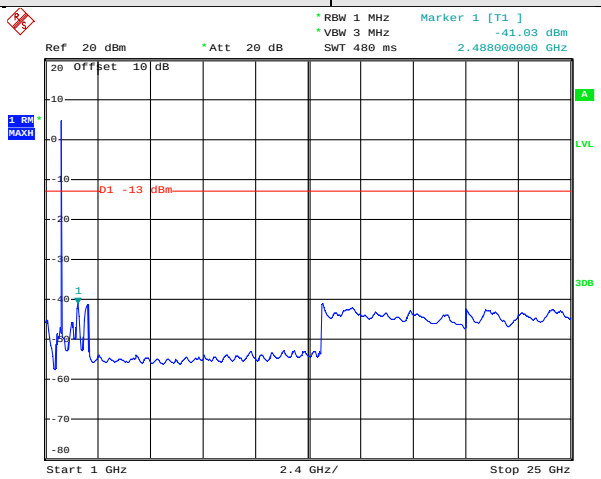
1GHz~25GHz

Test Mode:	LTE band 4(20MHz QPSK) RB Size 50 & RB Offset 0	Test Channel:	Highest channel



Date: 15.JAN.2015 19:21:54

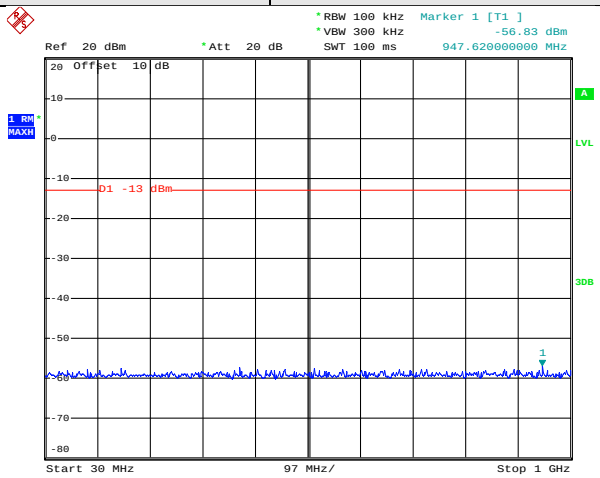
30MHz~1GHz



Date: 15.JAN.2015 18:59:39

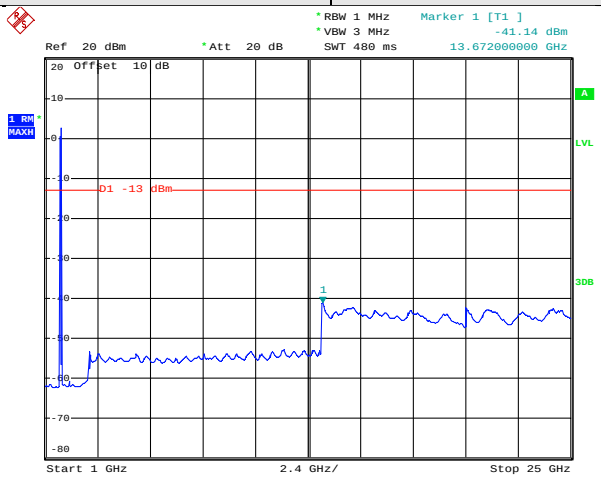
1GHz~25GHz

Test Mode:	LTE band 4(20MHz QPSK) RB Size 100 & RB Offset 0	Test Channel:	Lowest channel



Date: 15.JAN.2015 19:19:51

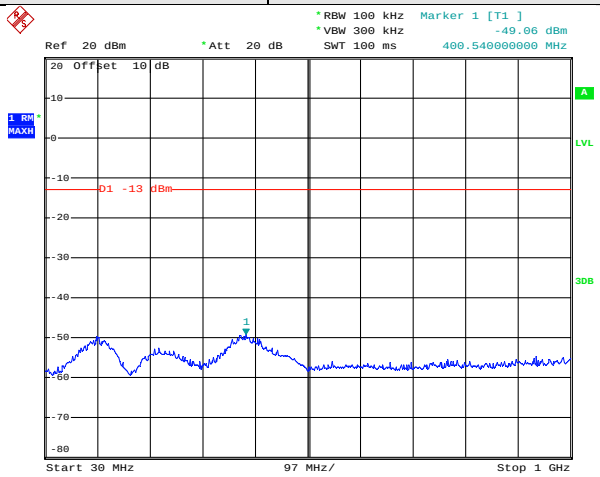
30MHz~1GHz



Date: 15.JAN.2015 18:56:08

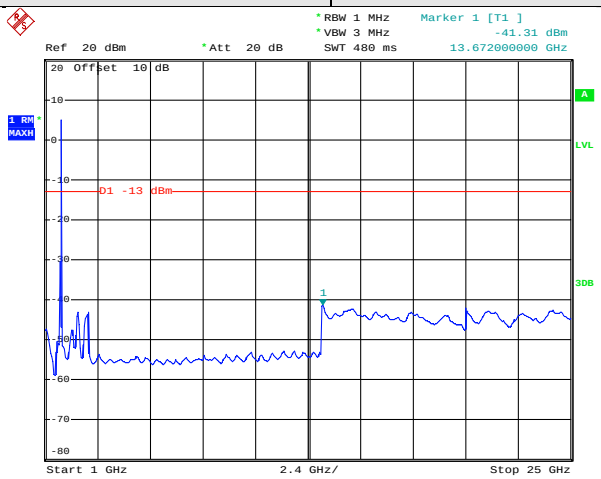
1GHz~25GHz

Test Mode:	LTE band 4(20MHz QPSK) RB Size 100 & RB Offset 0	Test Channel:	Middle channel



Date: 15.JAN.2015 19:21:00

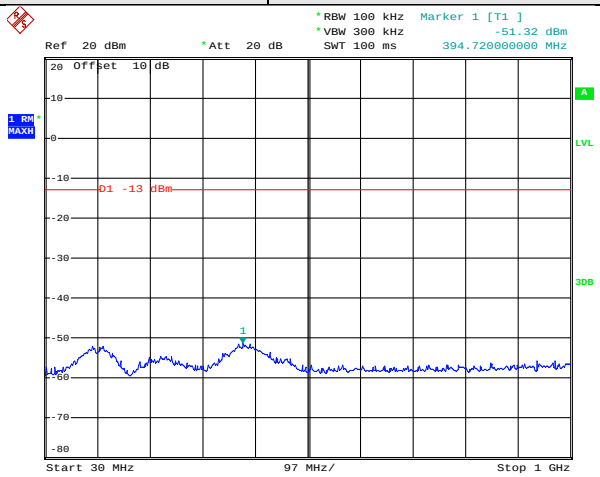
30MHz~1GHz



Date: 15.JAN.2015 18:58:05

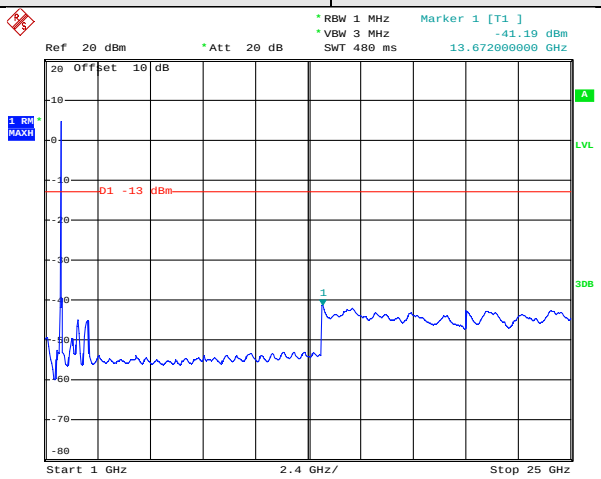
1GHz~25GHz

Test Mode:	LTE band 4(20MHz QPSK) RB Size 100 & RB Offset 0	Test Channel:	Highest channel



Date: 15.JAN.2015 19:22:02

30MHz~1GHz



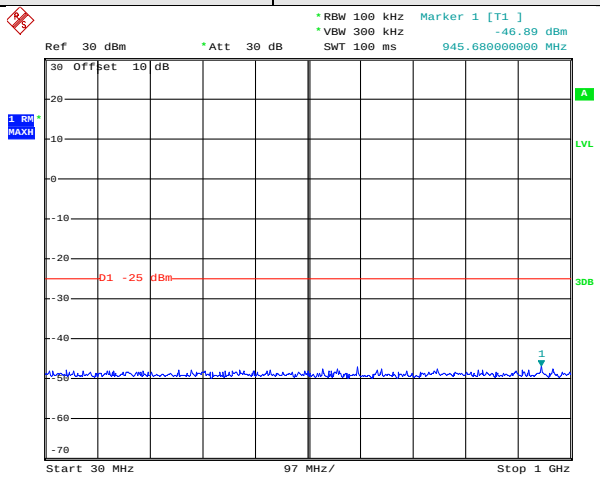
Date: 15.JAN.2015 18:59:52

1GHz~25GHz

LTE band 7 part:

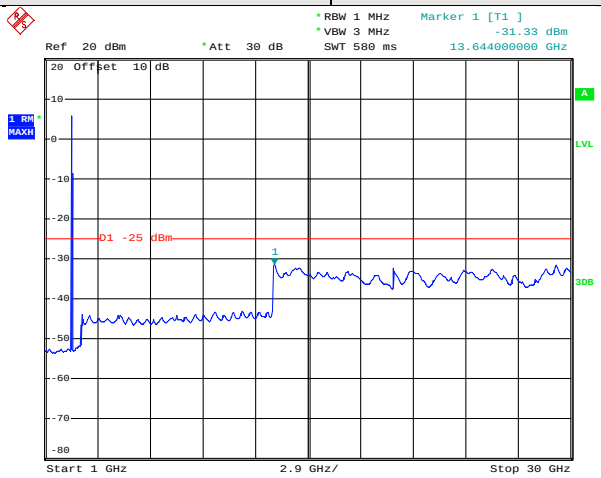
5MHz:

Test Mode:	LTE band 7(5MHz 16QAM) RB Size 1 & RB Offset 12	Test Channel:	Lowest channel



Date: 14.JAN.2015 18:40:44

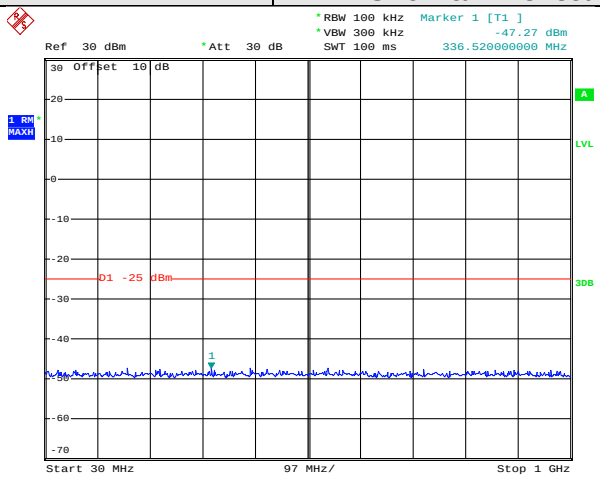
30MHz~1GHz



Date: 14.JAN.2015 19:14:37

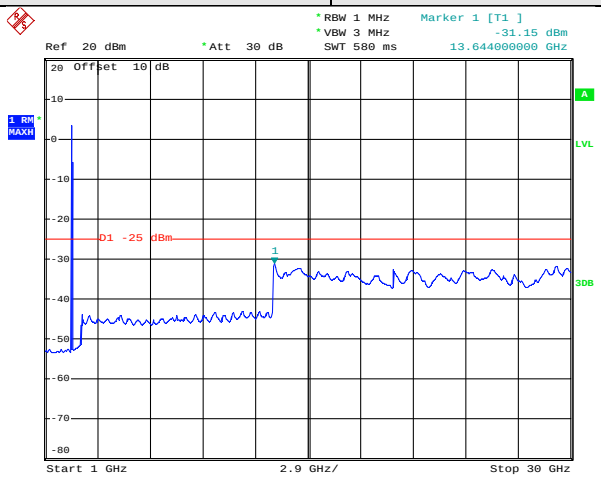
1GHz~30GHz

Test Mode:	LTE band 7(5MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Middle channel



Date: 14.JAN.2015 18:41:00

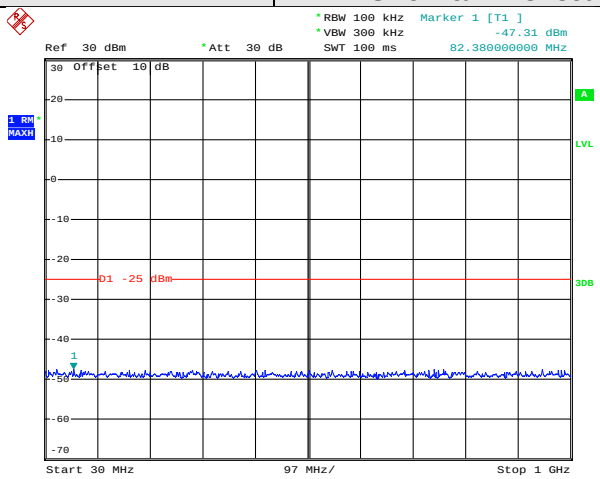
30MHz~1GHz



Date: 14.JAN.2015 19:14:55

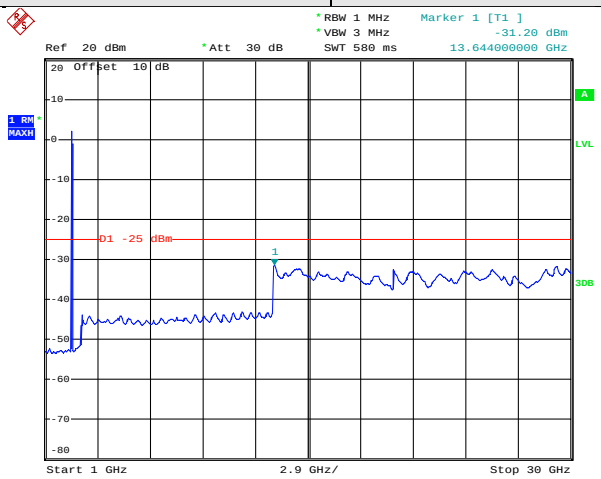
1GHz~30GHz

Test Mode:	LTE band 7(5MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Highest channel



Date: 14.JAN.2015 18:41:12

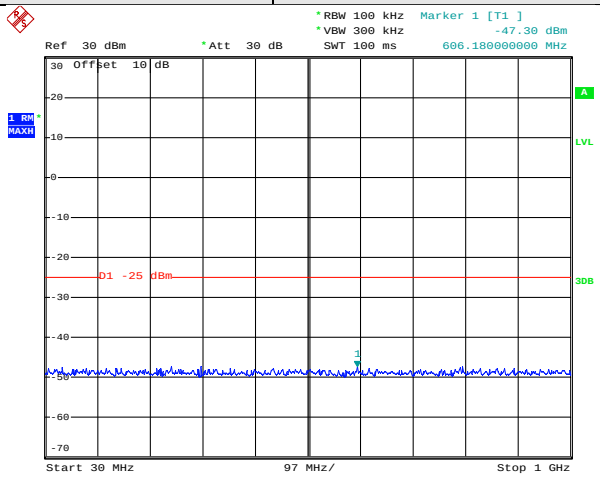
30MHz~1GHz



Date: 14.JAN.2015 19:15:11

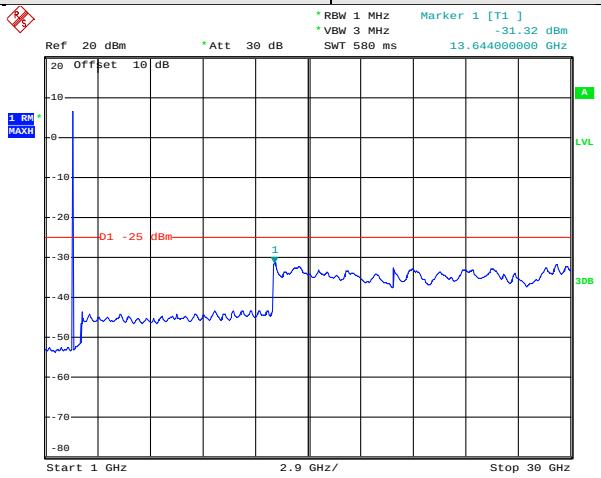
1GHz~30GHz

Test Mode:	LTE band 7(5MHz 16QAM) RB Size 12 & RB Offset 6	Test Channel:	Lowest channel



Date: 14.JAN.2015 18:42:51

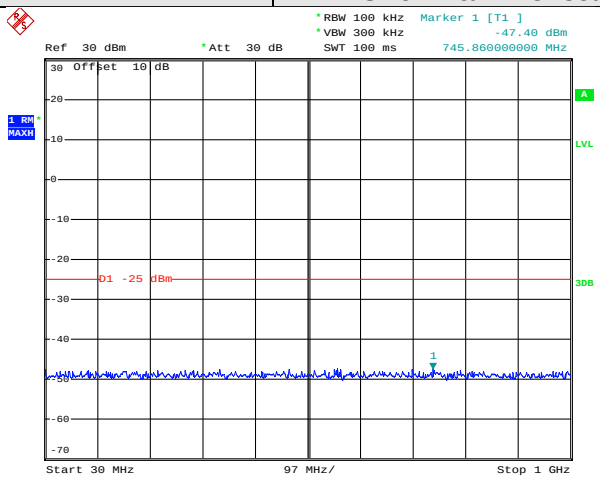
30MHz~1GHz



Date: 14.JAN.2015 19:16:25

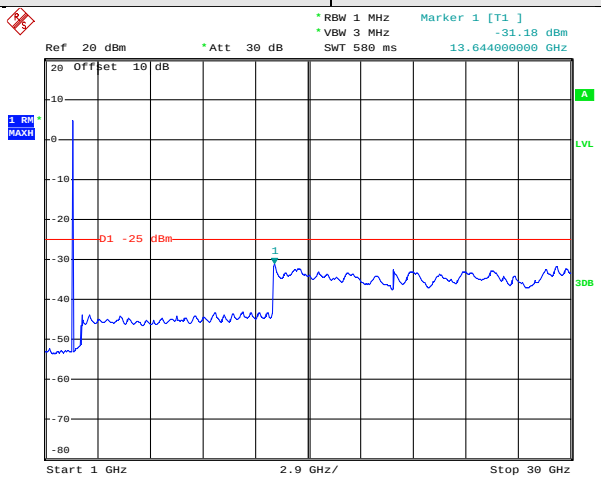
1GHz~30GHz

Test Mode:	LTE band 7(5MHz 16QAM) RB Size 12 & RB Offset 0	Test Channel:	Middle channel



Date: 14.JAN.2015 18:42:59

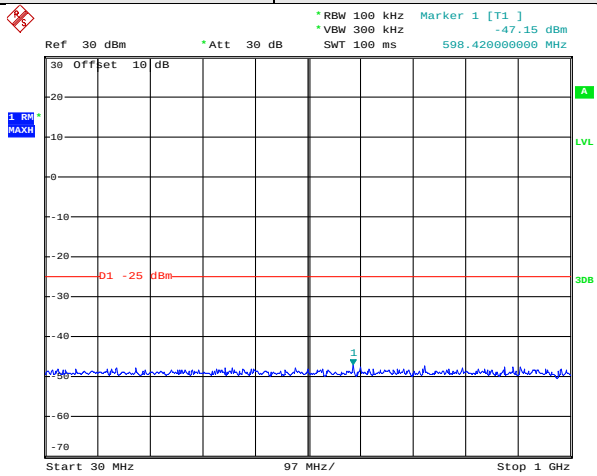
30MHz~1GHz



Date: 14.JAN.2015 19:16:37

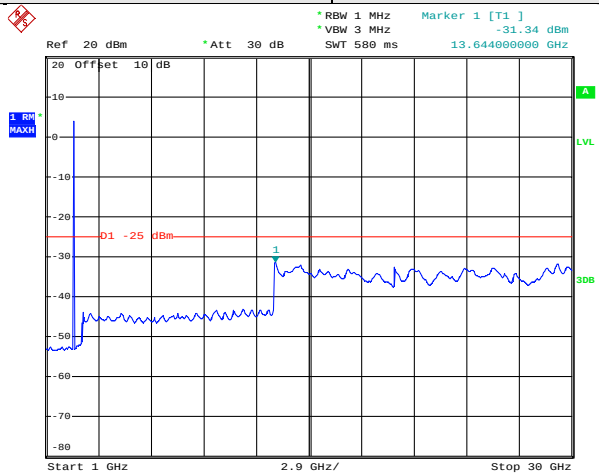
1GHz~30GHz

Test Mode:	LTE band 7(5MHz 16QAM) RB Size 12 & RB Offset 11	Test Channel:	Highest channel



Date: 14.JAN.2015 18:43:06

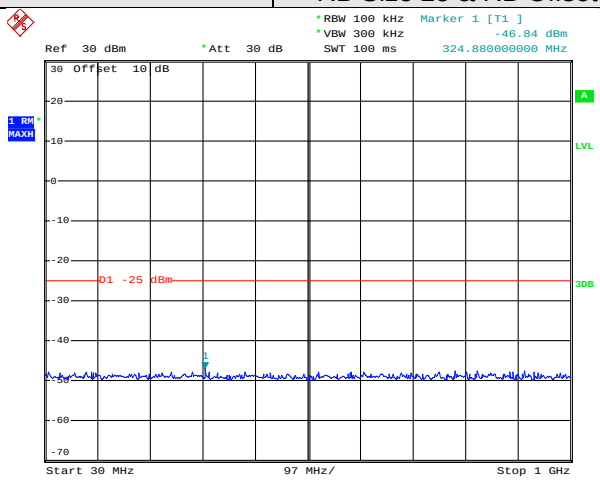
30MHz~1GHz



Date: 14.JAN.2015 19:16:50

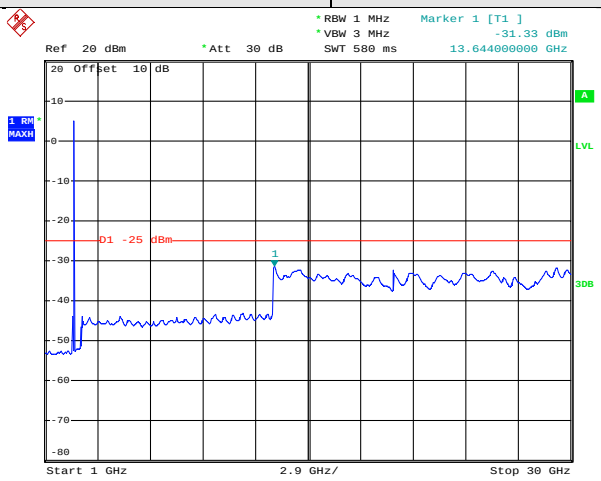
1GHz~30GHz

Test Mode:	LTE band 7(5MHz 16QAM) RB Size 25 & RB Offset 0	Test Channel:	Lowest channel



Date: 14.JAN.2015 18:44:29

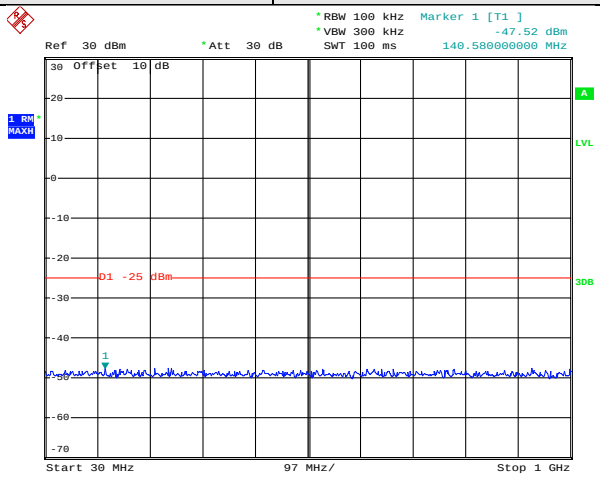
30MHz~1GHz



Date: 14.JAN.2015 19:18:07

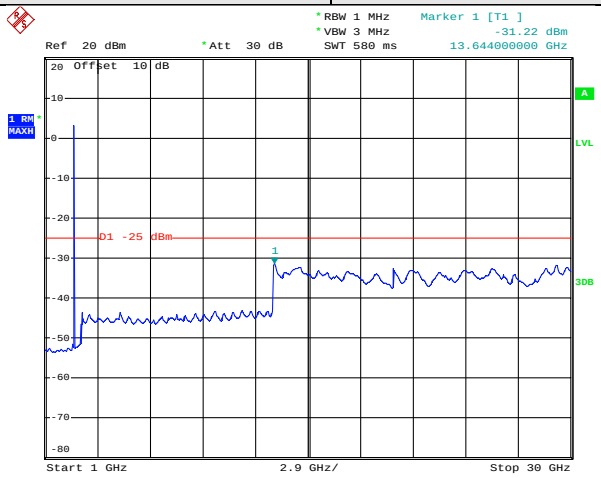
1GHz~30GHz

Test Mode:	LTE band 7(5MHz 16QAM) RB Size 25 & RB Offset 0	Test Channel:	Middle channel



Date: 14.JAN.2015 18:44:39

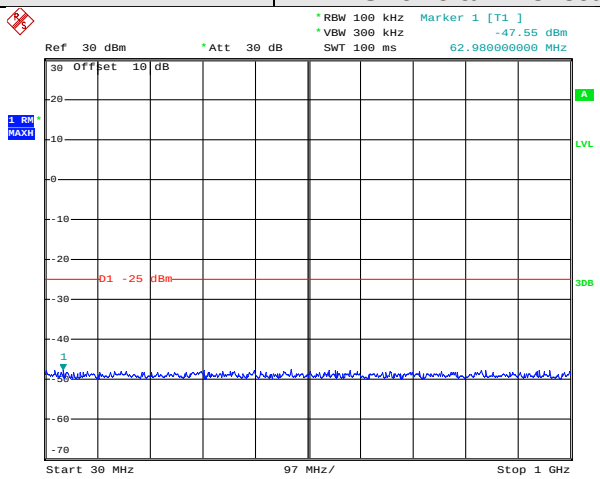
30MHz~1GHz



Date: 14.JAN.2015 19:18:21

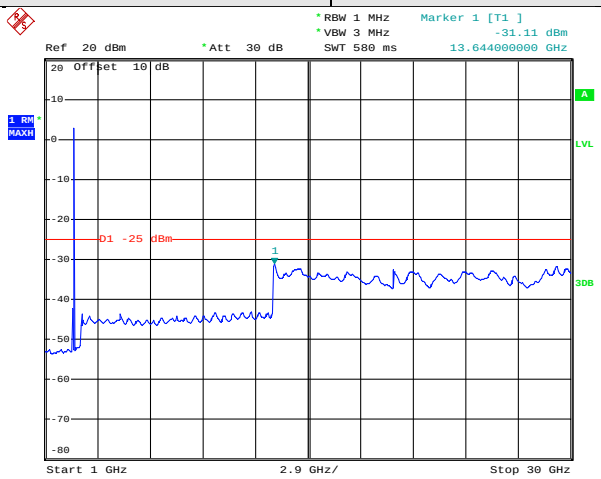
1GHz~30GHz

Test Mode:	LTE band 7(5MHz 16QAM) RB Size 25 & RB Offset 0	Test Channel:	Highest channel



Date: 14.JAN.2015 18:44:48

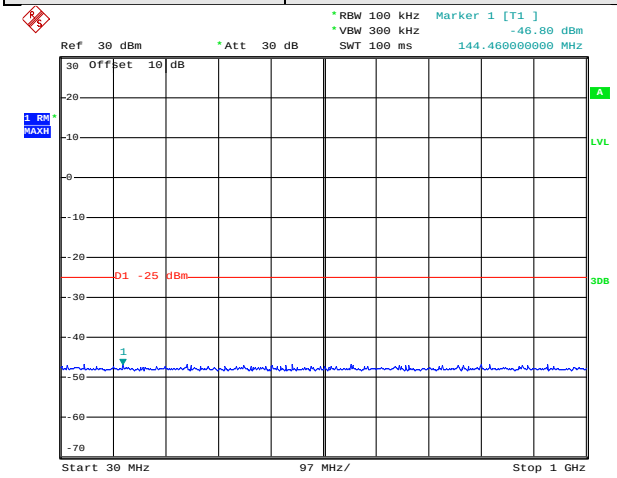
30MHz~1GHz



Date: 14.JAN.2015 19:18:37

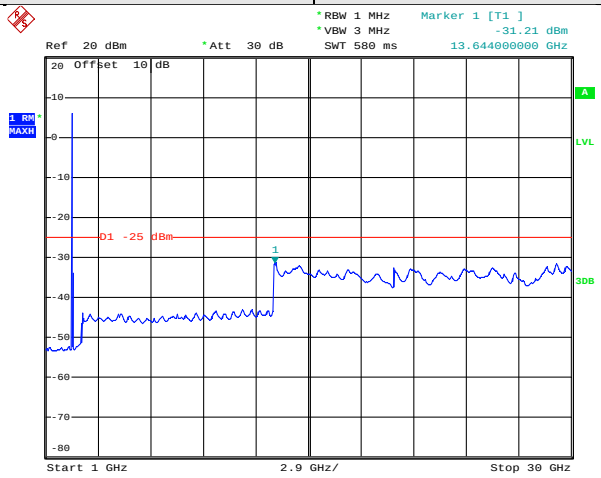
1GHz~30GHz

Test Mode:	LTE band 7(5MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Lowest channel



Date: 14.JAN.2015 18:39:33

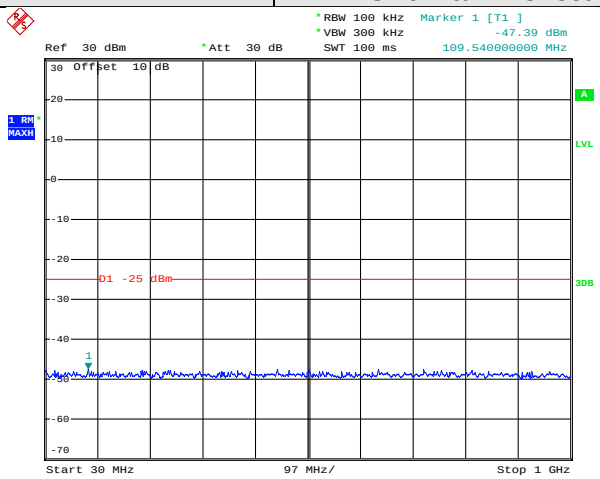
30MHz~1GHz



Date: 14.JAN.2015 19:13:39

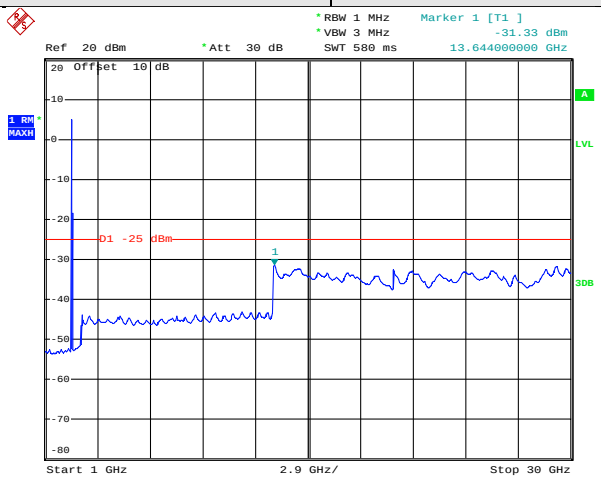
1GHz~30GHz

Test Mode:	LTE band 7(5MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Middle channel



Date: 14.JAN.2015 18:39:51

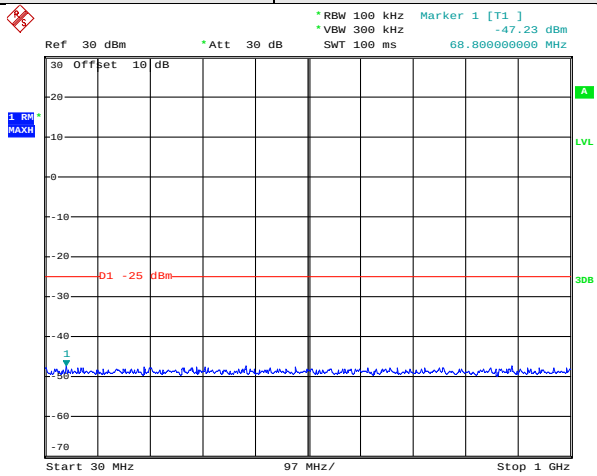
30MHz~1GHz



Date: 14.JAN.2015 19:13:51

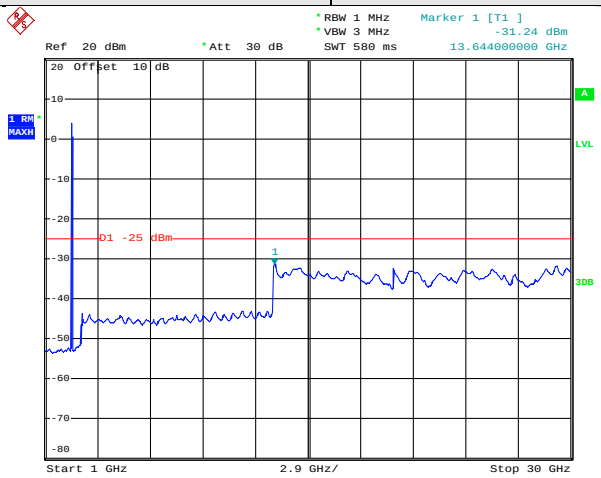
1GHz~30GHz

Test Mode:	LTE band 7(5MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Highest channel



Date: 14.JAN.2015 18:40:19

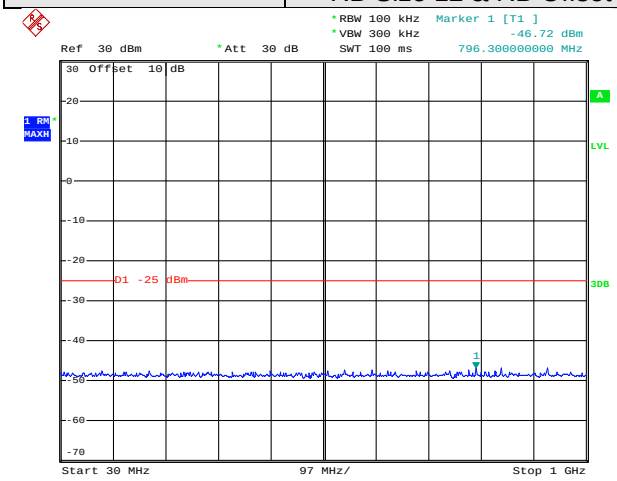
30MHz~1GHz



Date: 14.JAN.2015 19:14:11

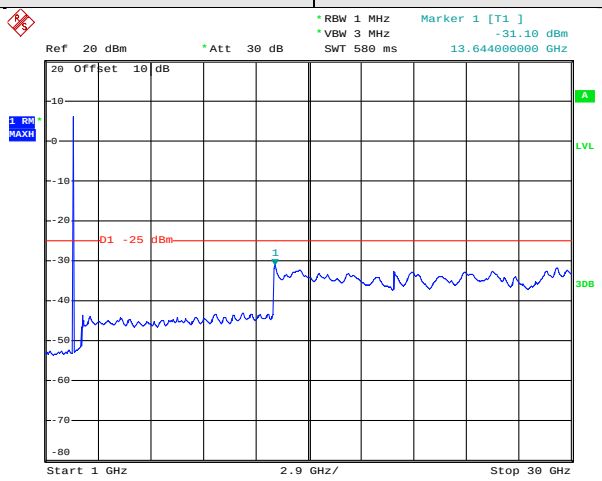
1GHz~30GHz

Test Mode:	LTE band 7(5MHz QPSK) RB Size 12 & RB Offset 0	Test Channel:	Lowest channel



Date: 14.JAN.2015 18:42:14

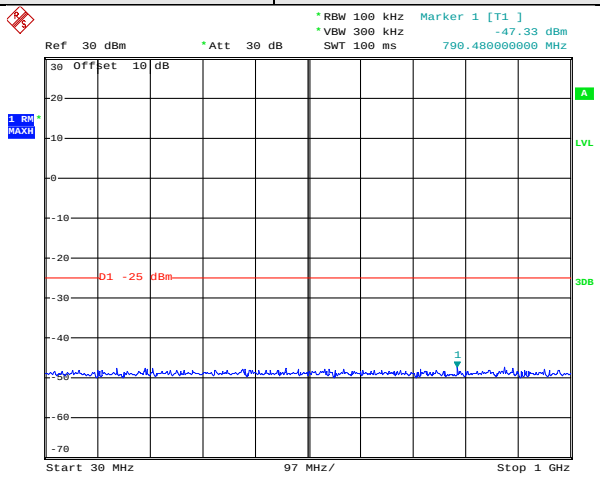
30MHz~1GHz



Date: 14.JAN.2015 19:15:40

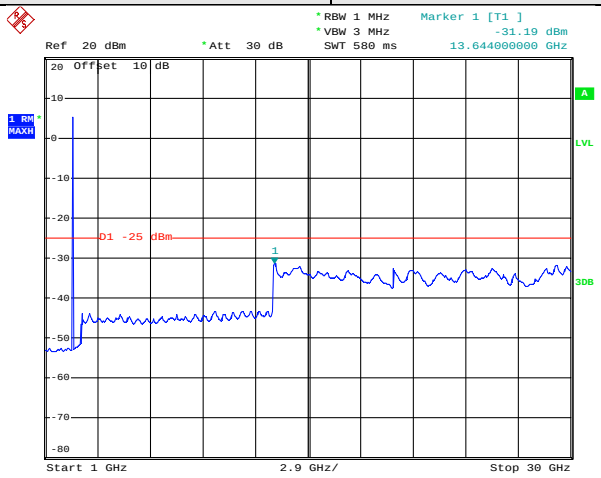
1GHz~30GHz

Test Mode:	LTE band 7(5MHz QPSK) RB Size 12 & RB Offset 0	Test Channel:	Middle channel



Date: 14.JAN.2015 18:42:23

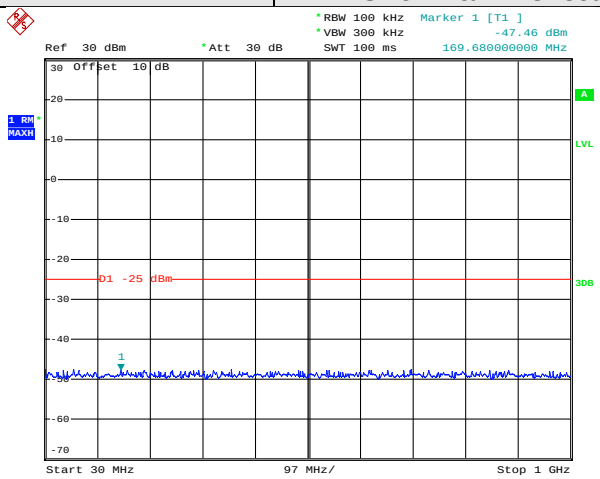
30MHz~1GHz



Date: 14.JAN.2015 19:15:53

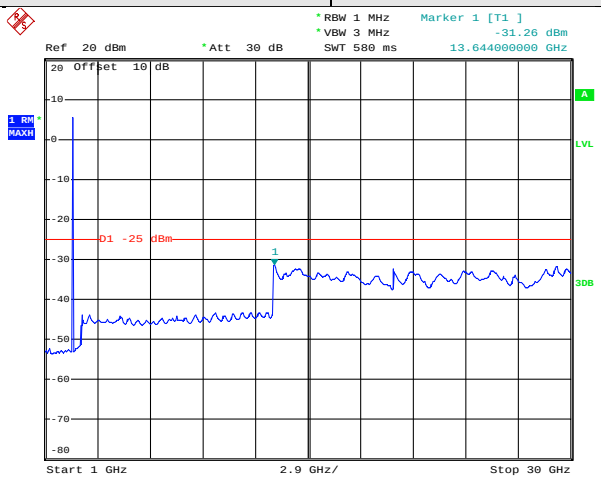
1GHz~30GHz

Test Mode:	LTE band 7(5MHz QPSK) RB Size 12 & RB Offset 0	Test Channel:	Highest channel



Date: 14.JAN.2015 18:42:30

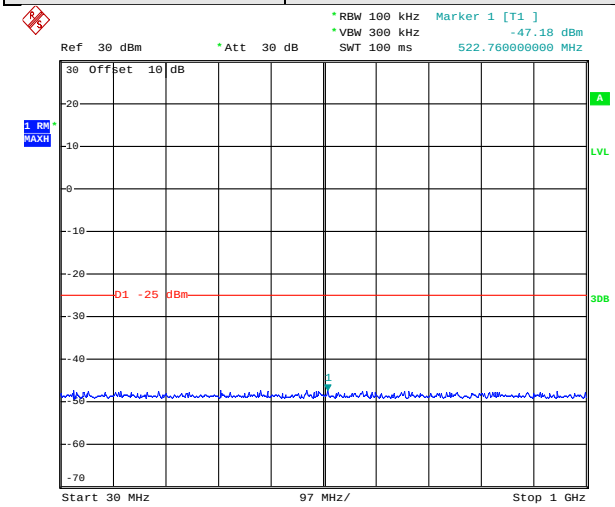
30MHz~1GHz



Date: 14.JAN.2015 19:16:08

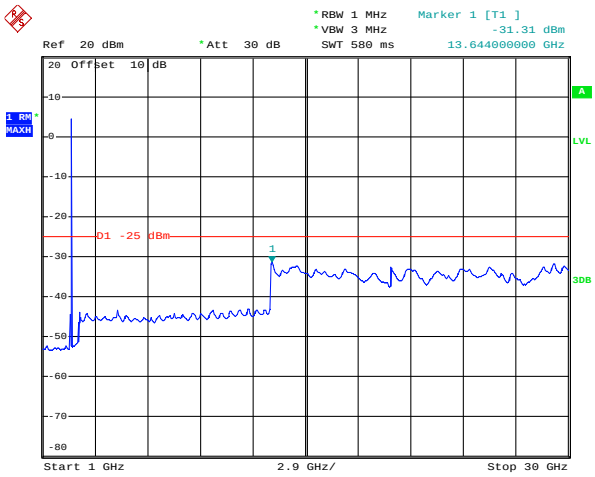
1GHz~30GHz

Test Mode:	LTE band 7(5MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Lowest channel



Date: 14.JAN.2015 18:43:51

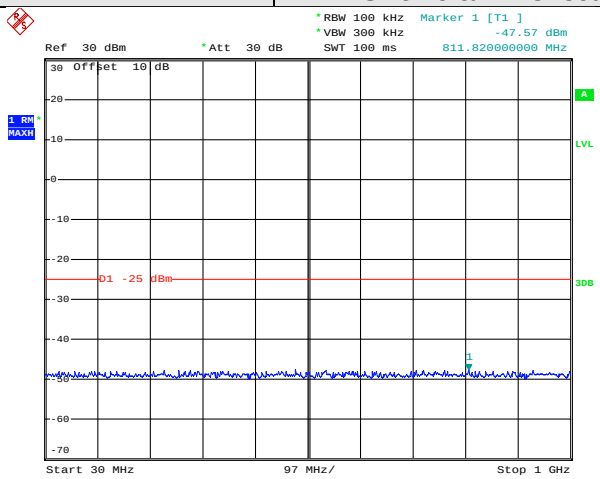
30MHz~1GHz



Date: 14.JAN.2015 19:17:21

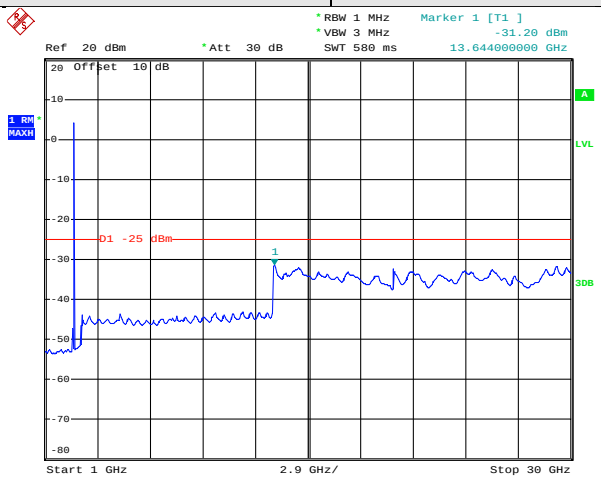
1GHz~30GHz

Test Mode:	LTE band 7(5MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Middle channel



Date: 14.JAN.2015 18:44:04

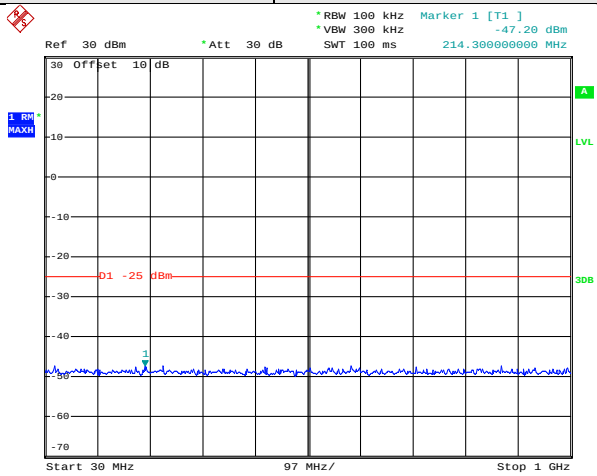
30MHz~1GHz



Date: 14.JAN.2015 19:17:35

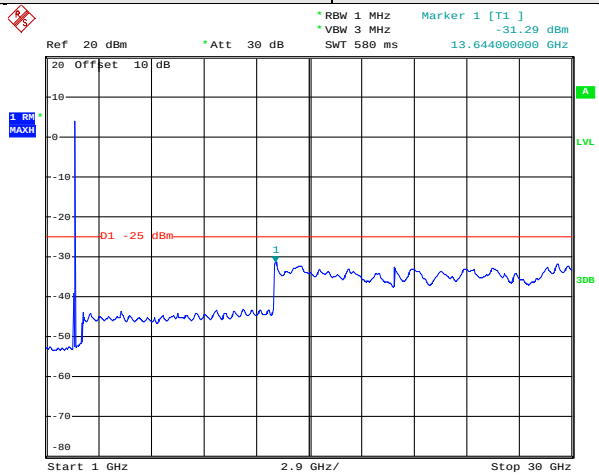
1GHz~30GHz

Test Mode:	LTE band 7(5MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Highest channel



Date: 14.JAN.2015 18:44:14

30MHz~1GHz

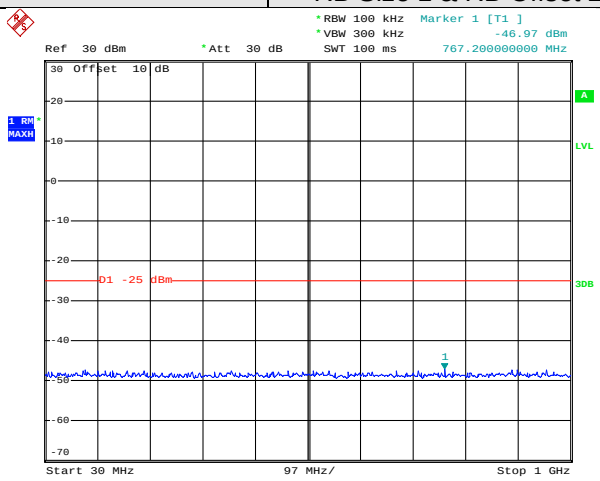


Date: 14.JAN.2015 19:17:51

1GHz~30GHz

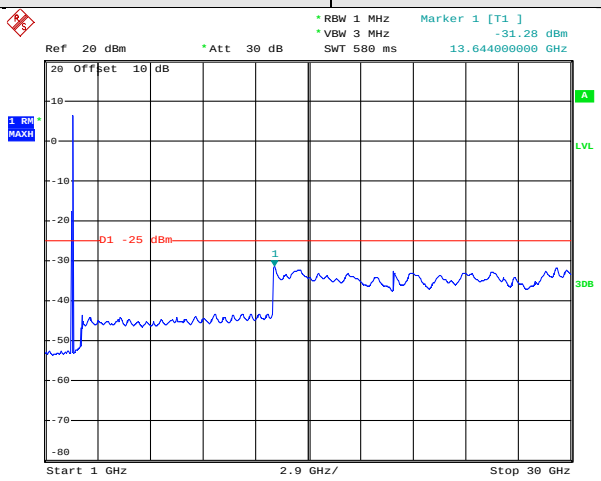
10MHz:

Test Mode:	LTE band 7(10MHz 16QAM) RB Size 1 & RB Offset 24	Test Channel:	Lowest channel



Date: 14.JAN.2015 18:47:16

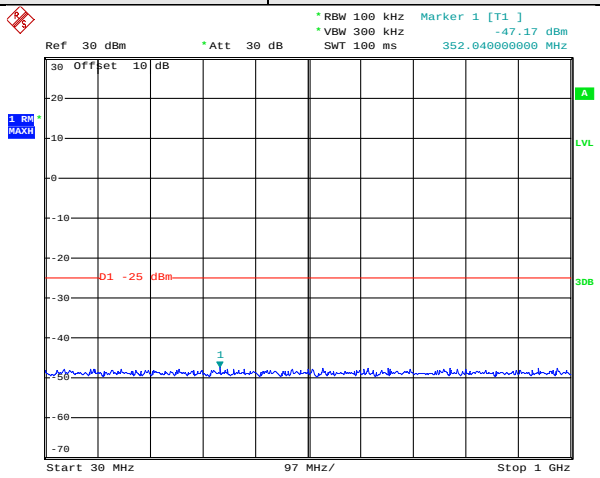
30MHz~1GHz



Date: 14.JAN.2015 19:20:19

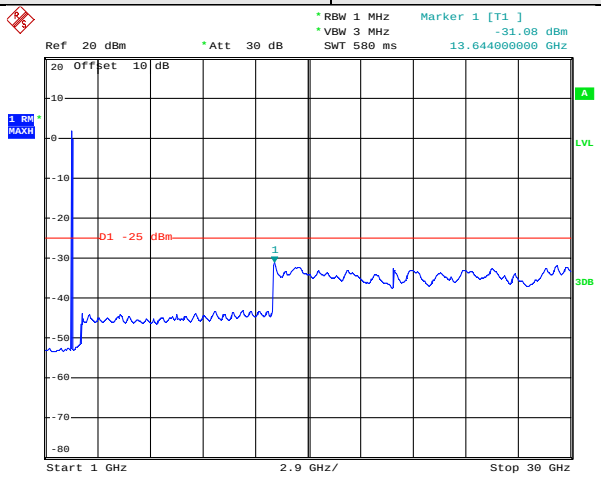
1GHz~30GHz

Test Mode:	LTE band 7(10MHz 16QAM) RB Size 1 & RB Offset 24	Test Channel:	Middle channel



Date: 14.JAN.2015 18:47:31

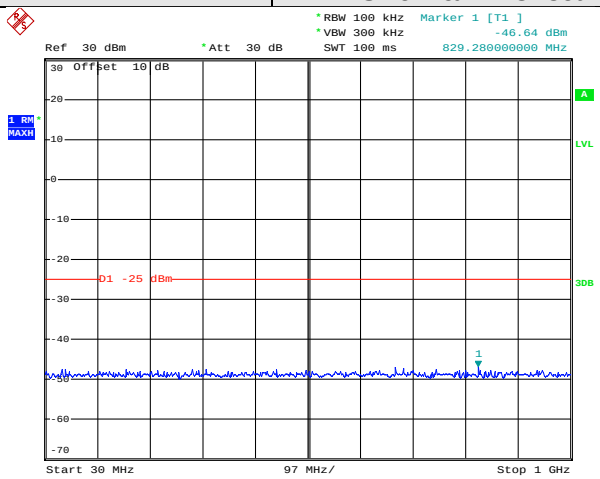
30MHz~1GHz



Date: 14.JAN.2015 19:20:39

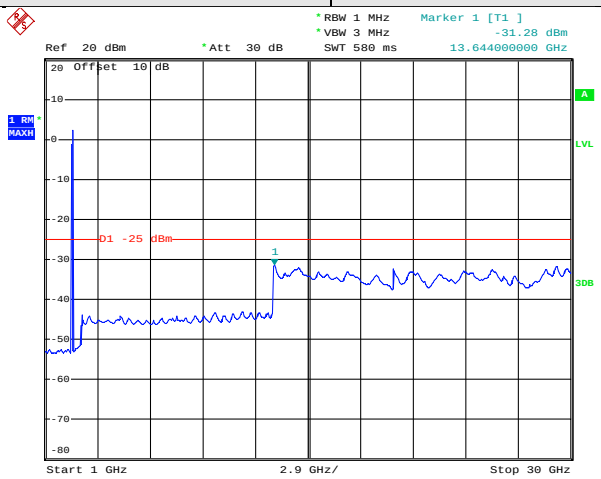
1GHz~30GHz

Test Mode:	LTE band 7(10MHz 16QAM) RB Size 1 & RB Offset 24	Test Channel:	Highest channel



Date: 14.JAN.2015 18:47:42

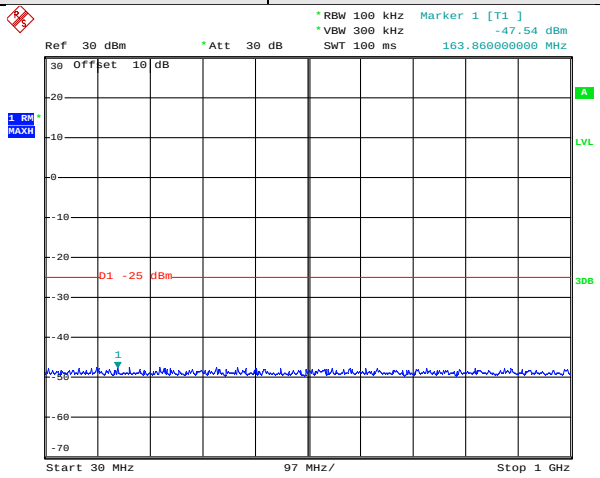
30MHz~1GHz



Date: 14.JAN.2015 19:20:55

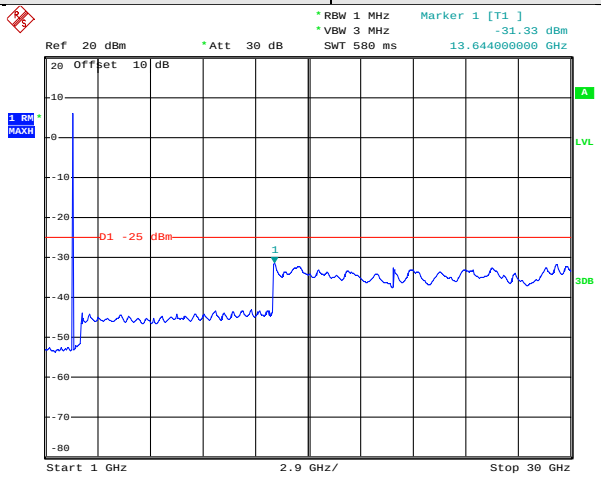
1GHz~30GHz

Test Mode:	LTE band 7(10MHz 16QAM) RB Size 25 & RB Offset 0	Test Channel:	Lowest channel



Date: 14.JAN.2015 18:49:39

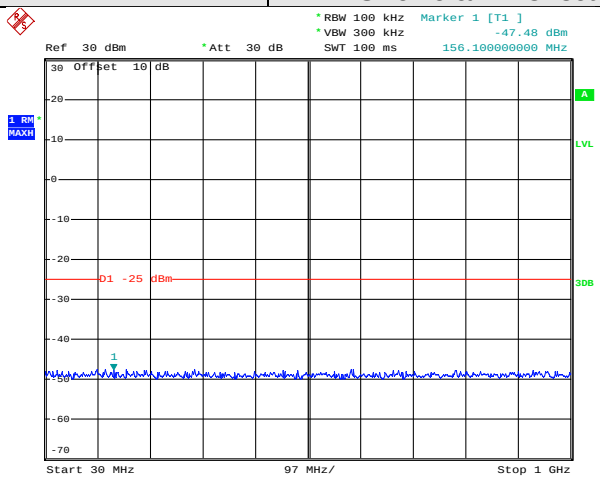
30MHz~1GHz



Date: 14.JAN.2015 19:22:12

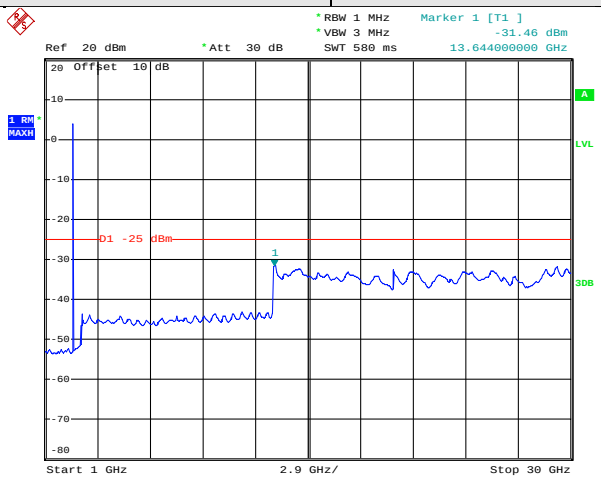
1GHz~30GHz

Test Mode:	LTE band 7(10MHz 16QAM) RB Size 25 & RB Offset 0	Test Channel:	Middle channel



Date: 14.JAN.2015 18:49:48

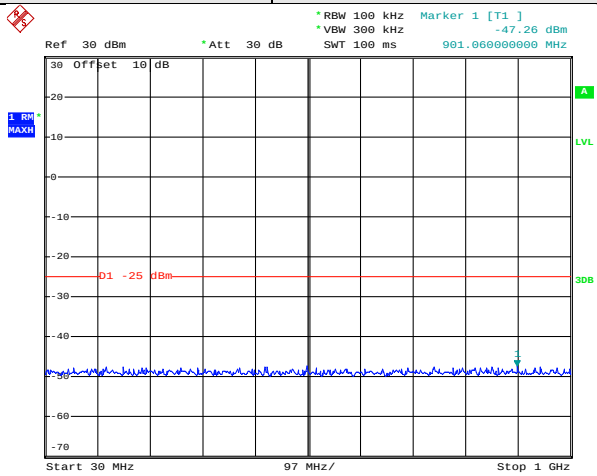
30MHz~1GHz



Date: 14.JAN.2015 19:22:25

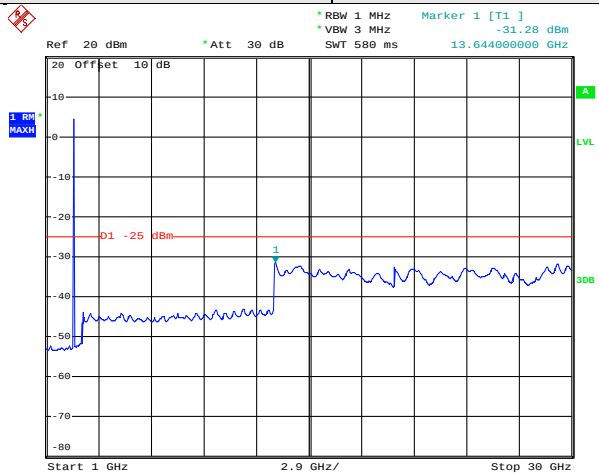
1GHz~30GHz

Test Mode:	LTE band 7(10MHz 16QAM) RB Size 25 & RB Offset 24	Test Channel:	Highest channel



Date: 14.JAN.2015 18:49:56

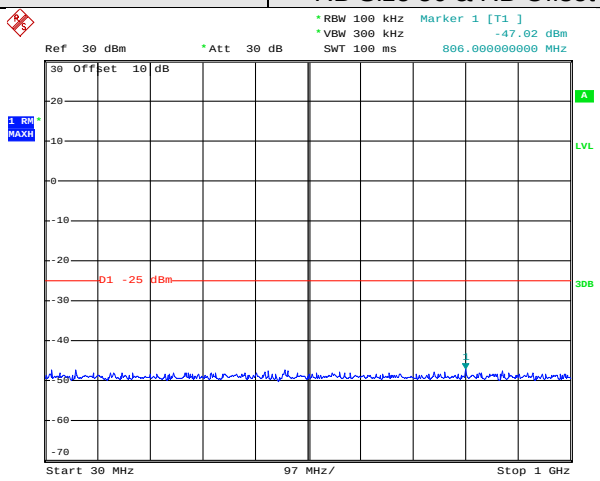
30MHz~1GHz



Date: 14.JAN.2015 19:22:39

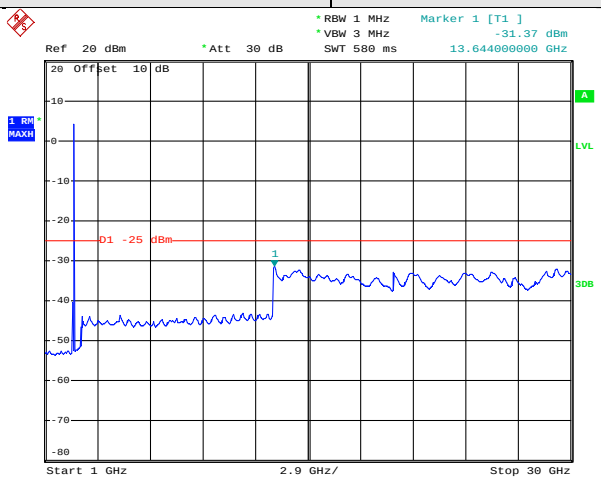
1GHz~30GHz

Test Mode:	LTE band 7(10MHz 16QAM) RB Size 50 & RB Offset 0	Test Channel:	Lowest channel



Date: 14.JAN.2015 18:51:19

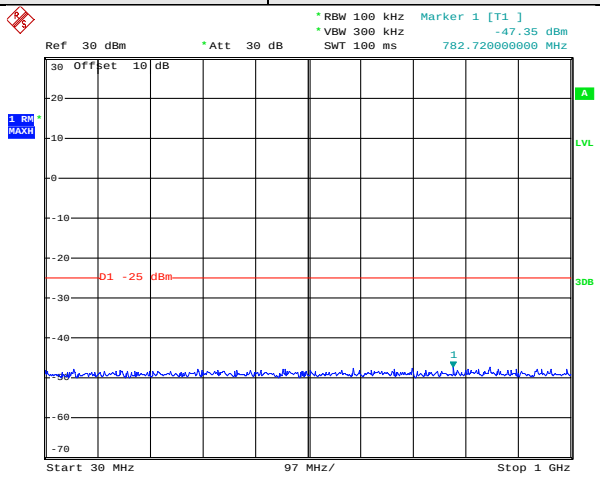
30MHz~1GHz



Date: 14.JAN.2015 19:23:59

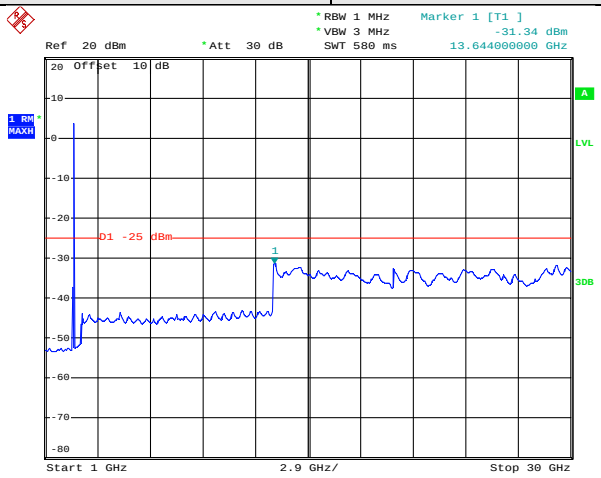
1GHz~30GHz

Test Mode:	LTE band 7(10MHz 16QAM) RB Size 50 & RB Offset 0	Test Channel:	Middle channel



Date: 14.JAN.2015 18:51:29

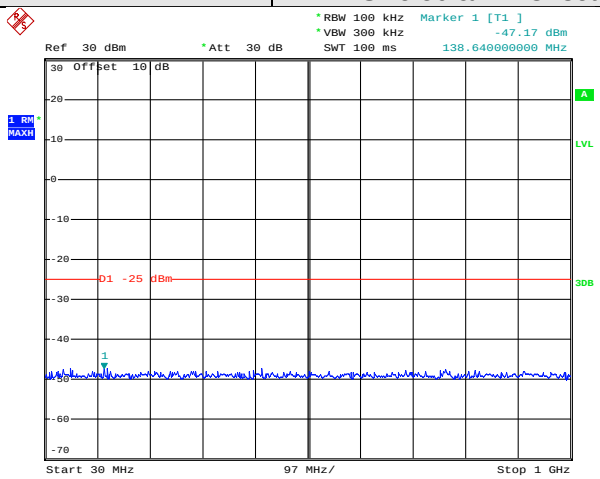
30MHz~1GHz



Date: 14.JAN.2015 19:25:05

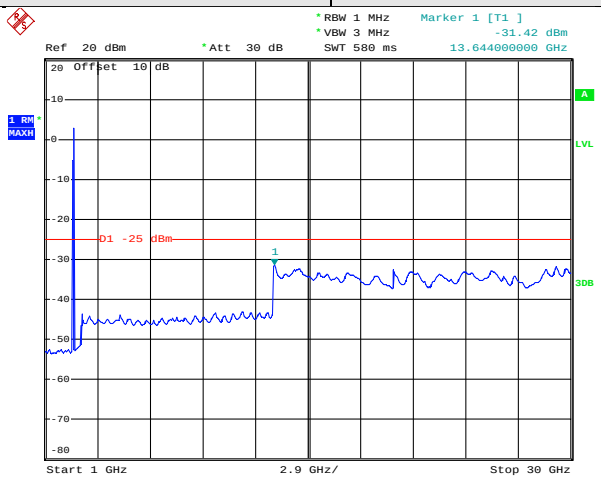
1GHz~30GHz

Test Mode:	LTE band 7(10MHz 16QAM) RB Size 50 & RB Offset 0	Test Channel:	Highest channel



Date: 14.JAN.2015 18:51:37

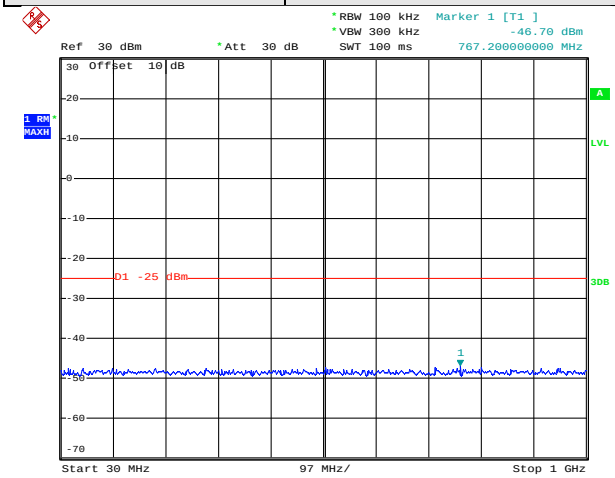
30MHz~1GHz



Date: 14.JAN.2015 19:25:17

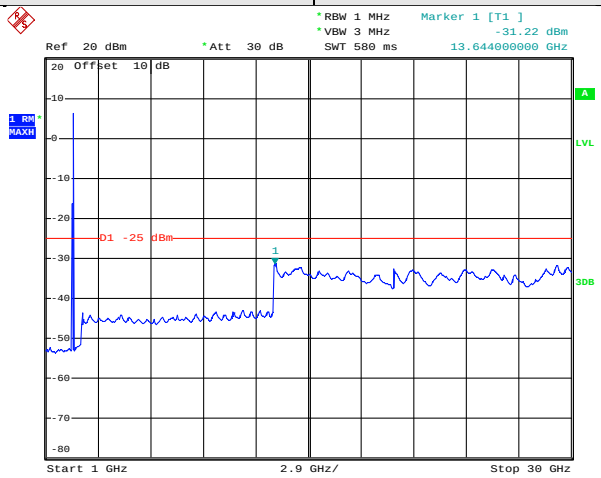
1GHz~30GHz

Test Mode:	LTE band 7(10MHz QPSK) RB Size 1 & RB Offset 24	Test Channel:	Lowest channel



Date: 14.JAN.2015 18:46:06

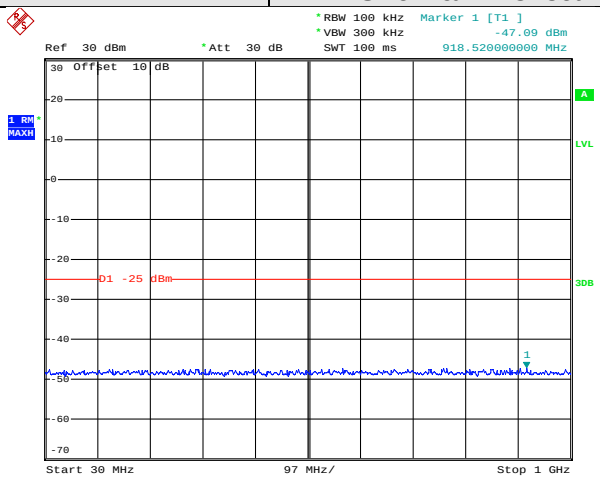
30MHz~1GHz



Date: 14.JAN.2015 19:19:27

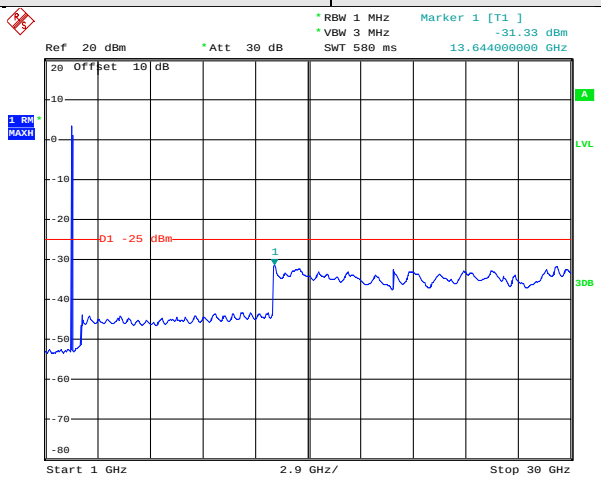
1GHz~30GHz

Test Mode:	LTE band 7(10MHz QPSK) RB Size 1 & RB Offset 24	Test Channel:	Middle channel



Date: 14.JAN.2015 18:46:37

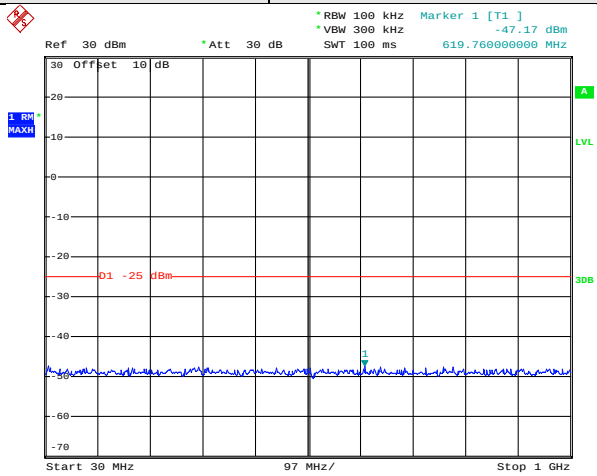
30MHz~1GHz



Date: 14.JAN.2015 19:19:39

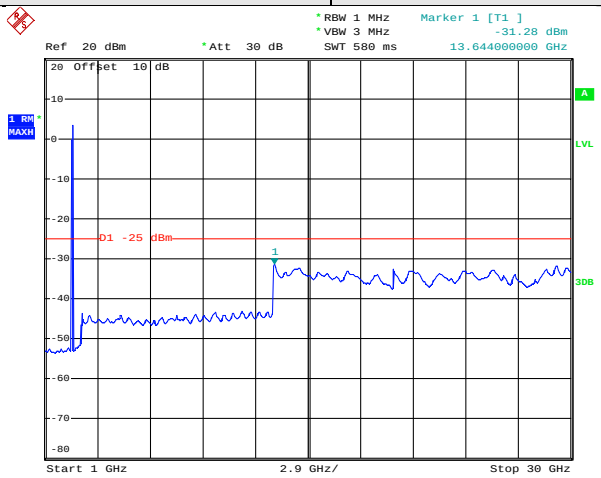
1GHz~30GHz

Test Mode:	LTE band 7(10MHz QPSK) RB Size 1 & RB Offset 24	Test Channel:	Highest channel



Date: 14.JAN.2015 18:46:47

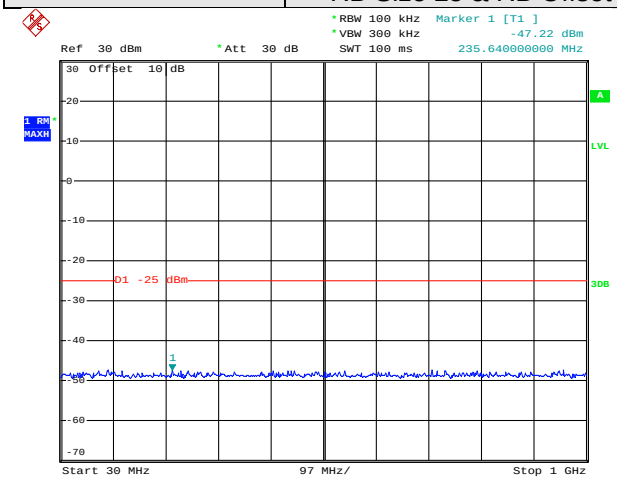
30MHz~1GHz



Date: 14.JAN.2015 19:19:52

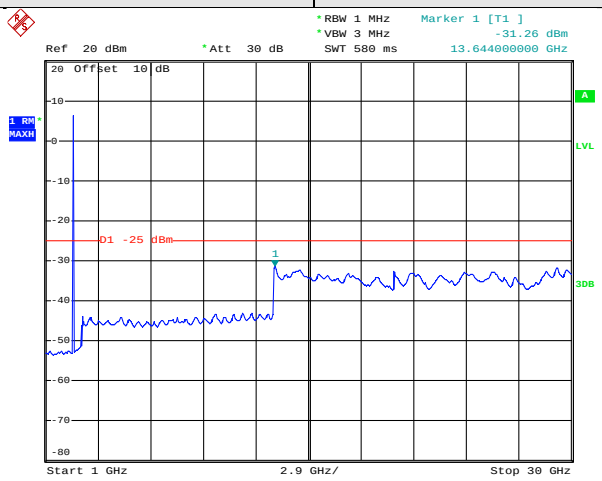
1GHz~30GHz

Test Mode:	LTE band 7(10MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Lowest channel



Date: 14.JAN.2015 18:49:02

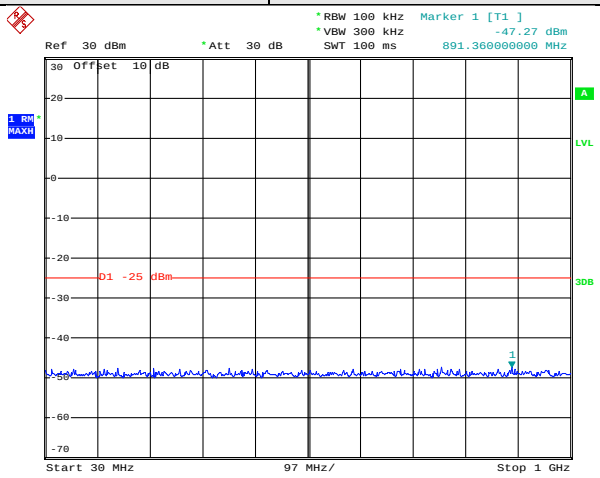
30MHz~1GHz



Date: 14.JAN.2015 19:21:28

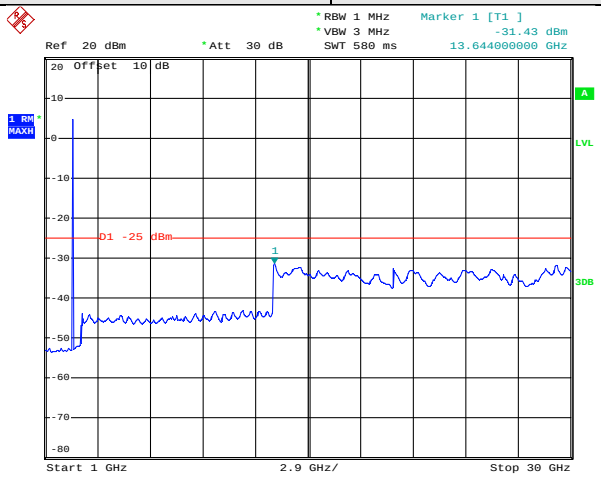
1GHz~30GHz

Test Mode:	LTE band 7(10MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Middle channel



Date: 14.JAN.2015 18:49:09

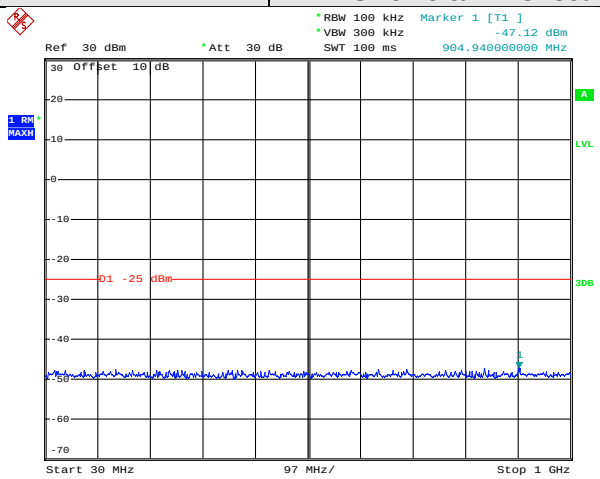
30MHz~1GHz



Date: 14.JAN.2015 19:21:40

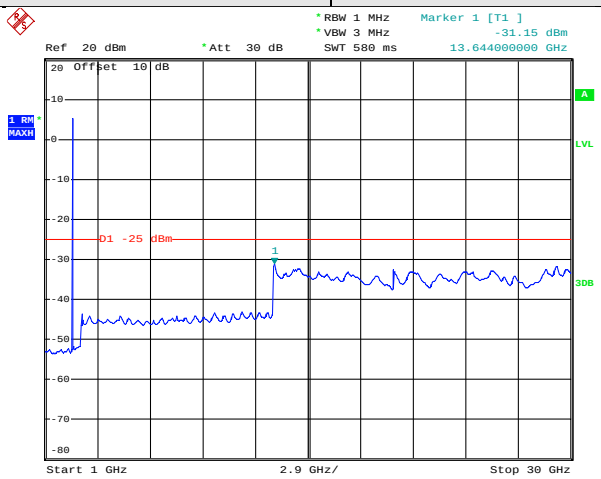
1GHz~30GHz

Test Mode:	LTE band 7(10MHz QPSK) RB Size 25 & RB Offset 24	Test Channel:	Highest channel



Date: 14.JAN.2015 18:49:18

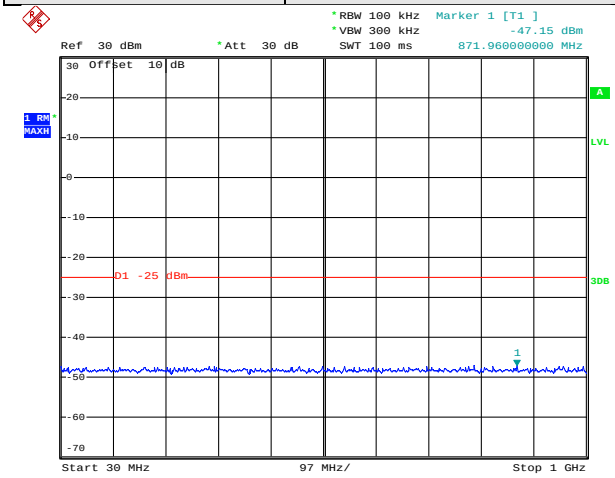
30MHz~1GHz



Date: 14.JAN.2015 19:21:53

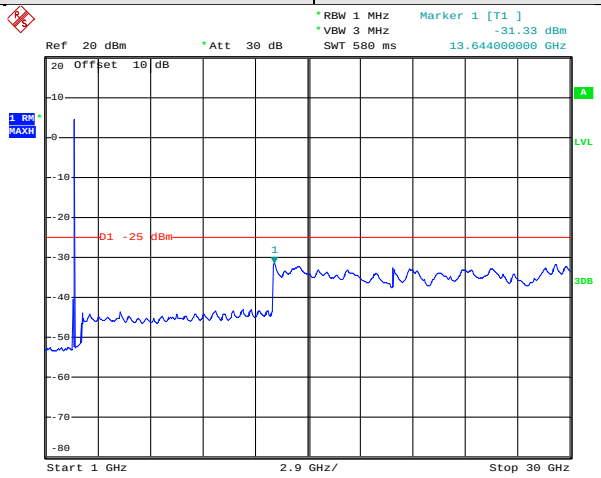
1GHz~30GHz

Test Mode:	LTE band 7(10MHz QPSK) RB Size 50 & RB Offset 0	Test Channel:	Lowest channel



Date: 14.JAN.2015 18:50:40

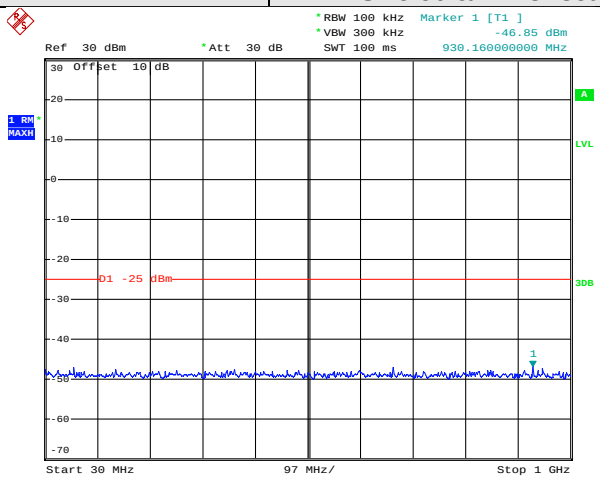
30MHz~1GHz



Date: 14.JAN.2015 19:23:20

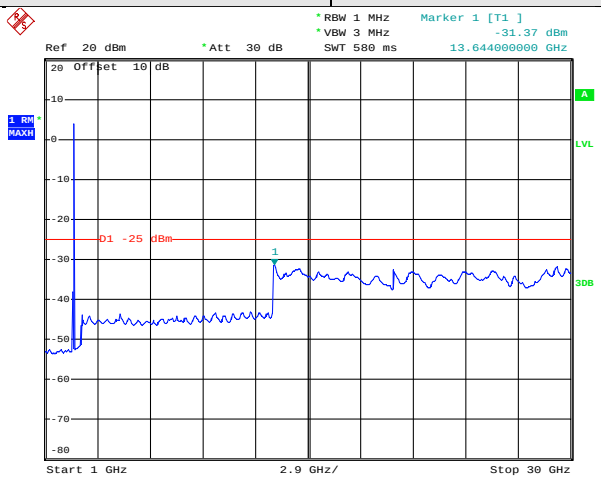
1GHz~30GHz

Test Mode:	LTE band 7(10MHz QPSK) RB Size 50 & RB Offset 0	Test Channel:	Middle channel



Date: 14.JAN.2015 18:50:53

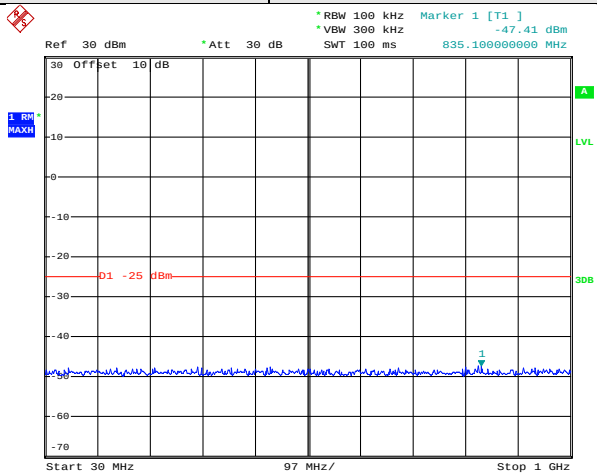
30MHz~1GHz



Date: 14.JAN.2015 19:23:34

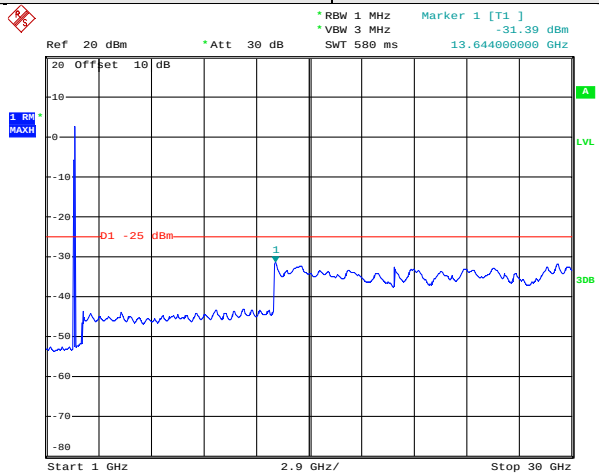
1GHz~30GHz

Test Mode:	LTE band 7(10MHz QPSK) RB Size 50 & RB Offset 0	Test Channel:	Highest channel



Date: 14.JAN.2015 18:51:01

30MHz~1GHz

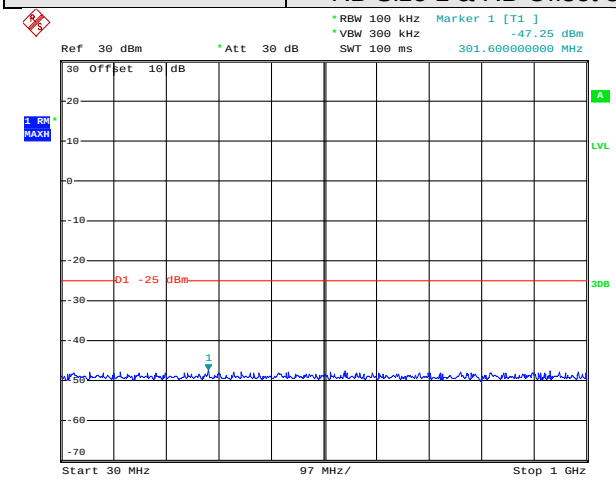


Date: 14.JAN.2015 19:23:47

1GHz~30GHz

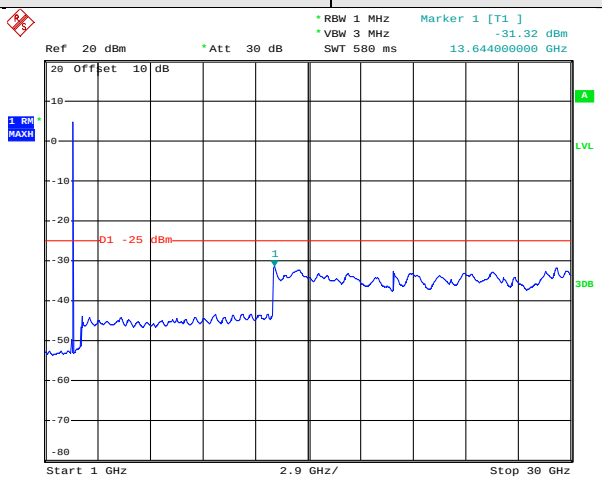
15MHz:

Test Mode:	LTE band 7(15MHz 16QAM) RB Size 1 & RB Offset 37	Test Channel:	Lowest channel



Date: 14.JAN.2015 18:54:13

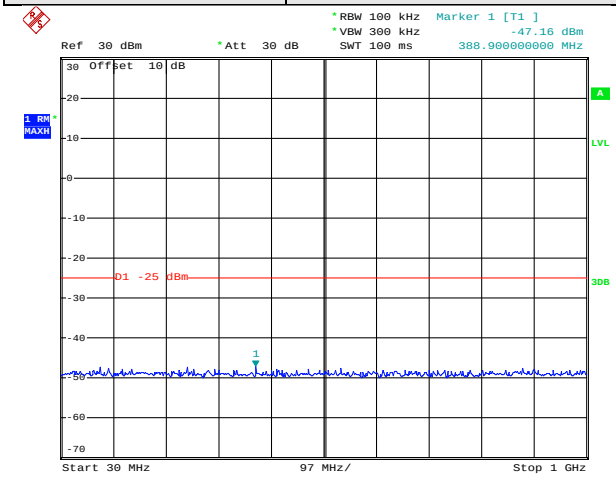
30MHz~1GHz



Date: 14.JAN.2015 19:33:05

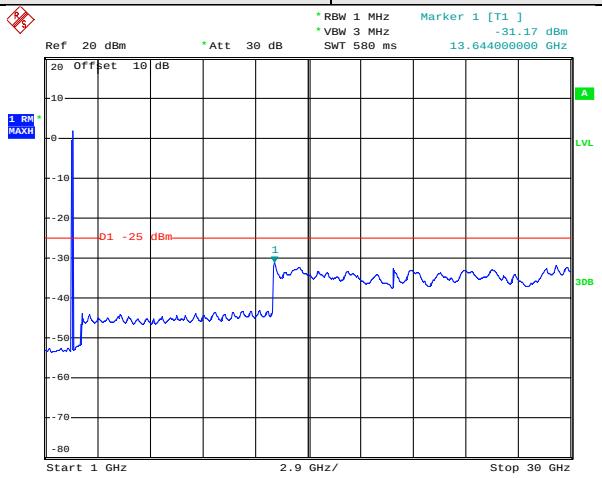
1GHz~30GHz

Test Mode:	LTE band 7(15MHz 16QAM) RB Size 1 & RB Offset 37	Test Channel:	Middle channel



Date: 14.JAN.2015 18:54:22

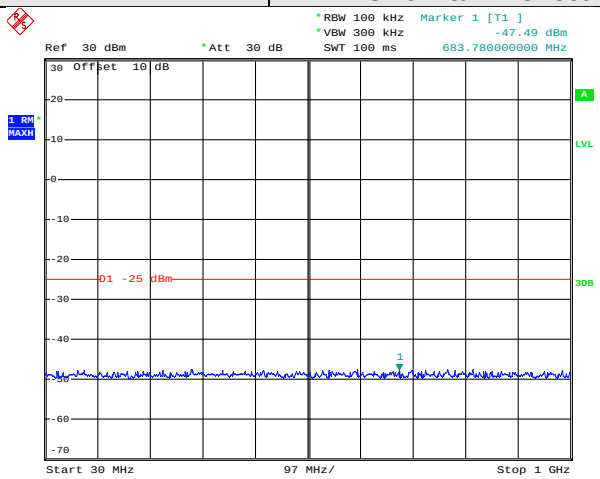
30MHz~1GHz



Date: 14.JAN.2015 19:33:17

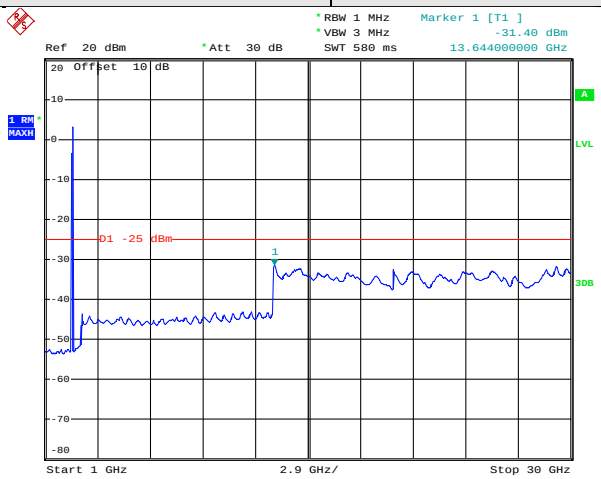
1GHz~30GHz

Test Mode:	LTE band 7(15MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Highest channel



Date: 14.JAN.2015 18:54:30

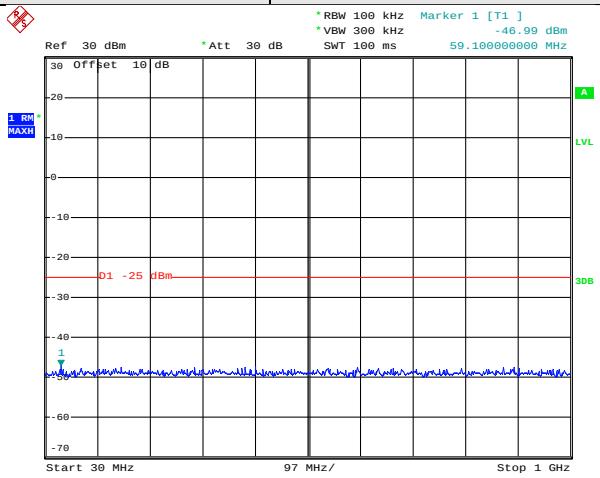
30MHz~1GHz



Date: 14.JAN.2015 19:33:29

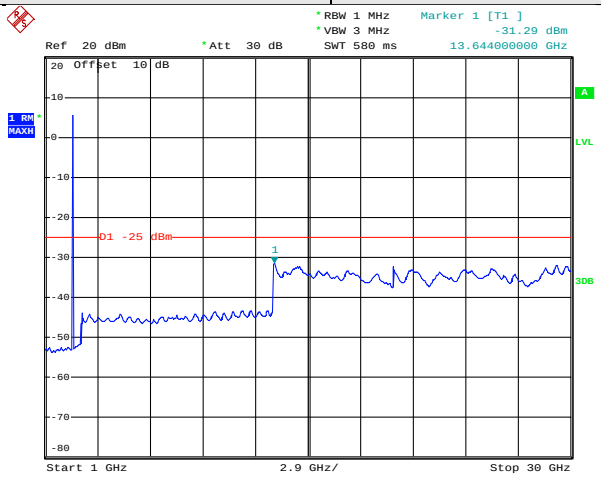
1GHz~30GHz

Test Mode:	LTE band 7(15MHz 16QAM) RB Size 36 & RB Offset 0	Test Channel:	Lowest channel



Date: 14.JAN.2015 18:55:32

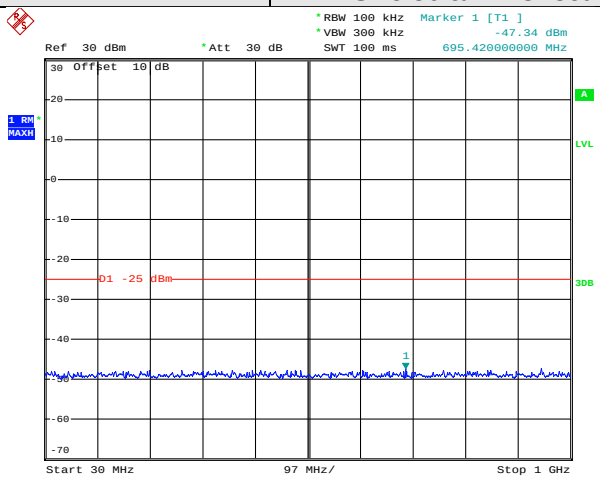
30MHz~1GHz



Date: 14.JAN.2015 19:34:40

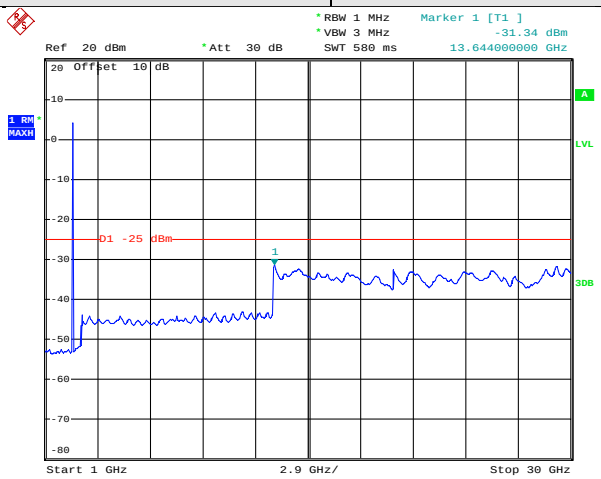
1GHz~30GHz

Test Mode:	LTE band 7(15MHz 16QAM) RB Size 36 & RB Offset 18	Test Channel:	Middle channel



Date: 14.JAN.2015 18:55:42

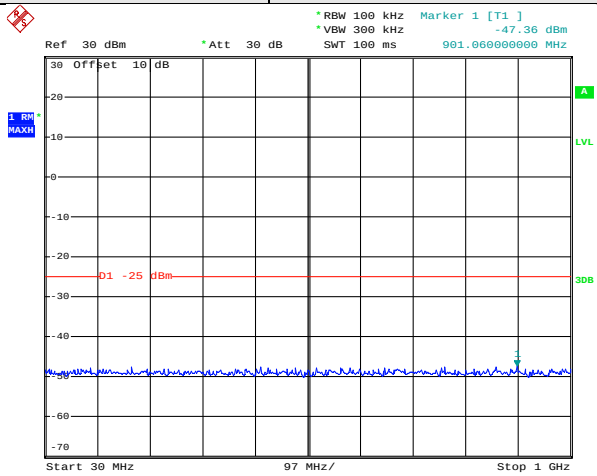
30MHz~1GHz



Date: 14.JAN.2015 19:34:54

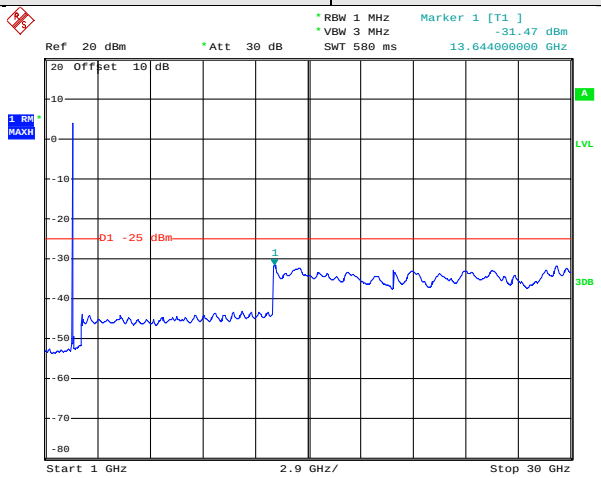
1GHz~30GHz

Test Mode:	LTE band 7(15MHz 16QAM) RB Size 36 & RB Offset 37	Test Channel:	Highest channel



Date: 14.JAN.2015 18:55:49

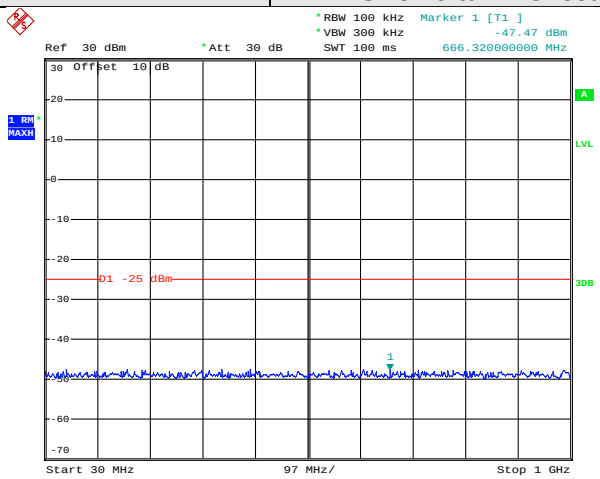
30MHz~1GHz



Date: 14.JAN.2015 19:35:06

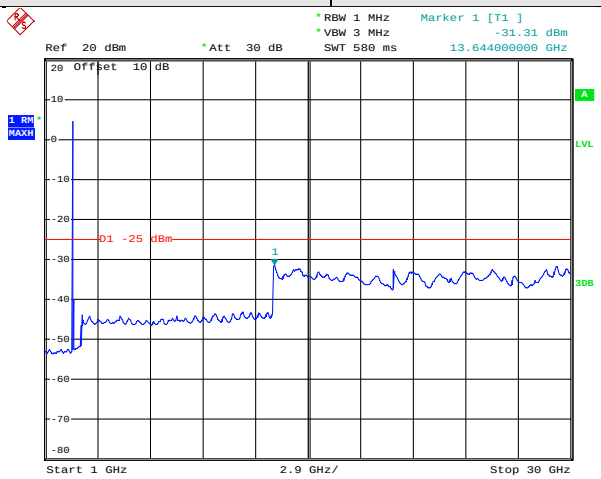
1GHz~30GHz

Test Mode:	LTE band 7(15MHz 16QAM) RB Size 75 & RB Offset 0	Test Channel:	Lowest channel



Date: 14.JAN.2015 18:56:47

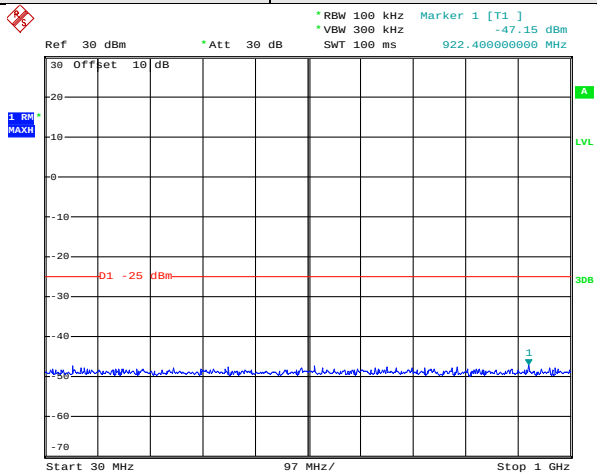
30MHz~1GHz



Date: 14.JAN.2015 19:36:28

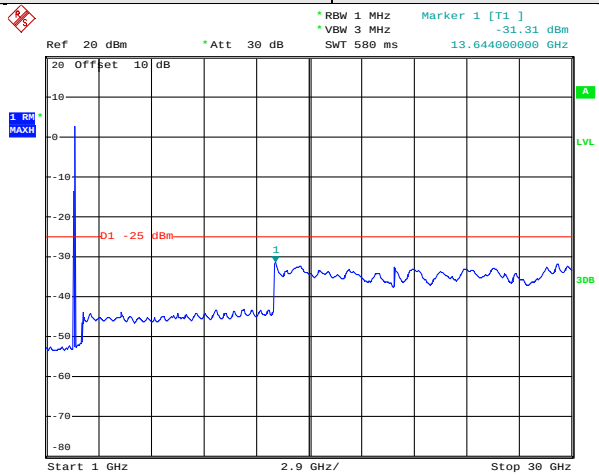
1GHz~30GHz

Test Mode:	LTE band 7(15MHz 16QAM) RB Size 75 & RB Offset 0	Test Channel:	Middle channel



Date: 14.JAN.2015 18:56:56

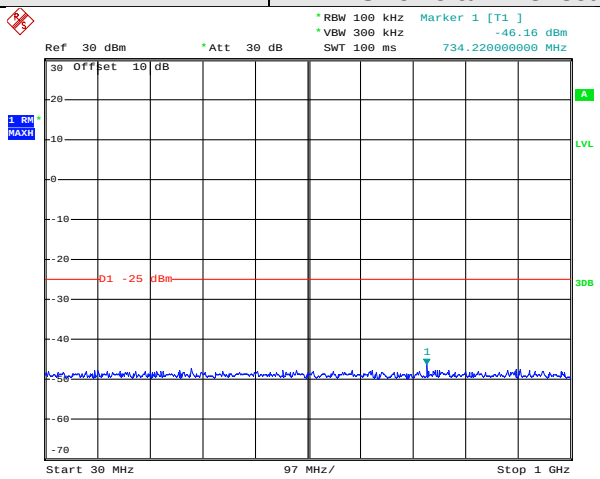
30MHz~1GHz



Date: 14.JAN.2015 19:36:55

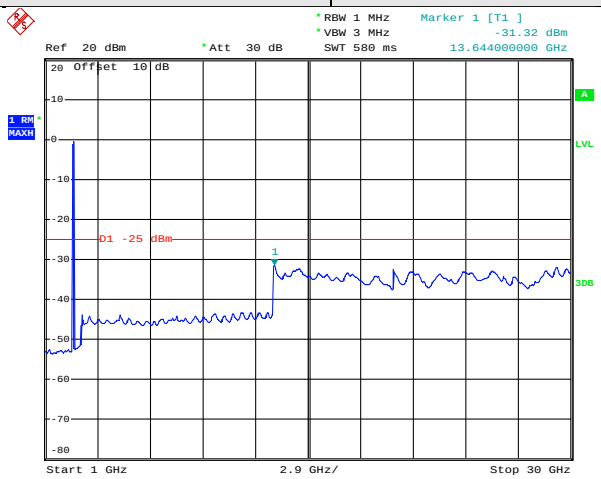
1GHz~30GHz

Test Mode:	LTE band 7(15MHz 16QAM) RB Size 75 & RB Offset 0	Test Channel:	Highest channel



Date: 14.JAN.2015 18:57:04

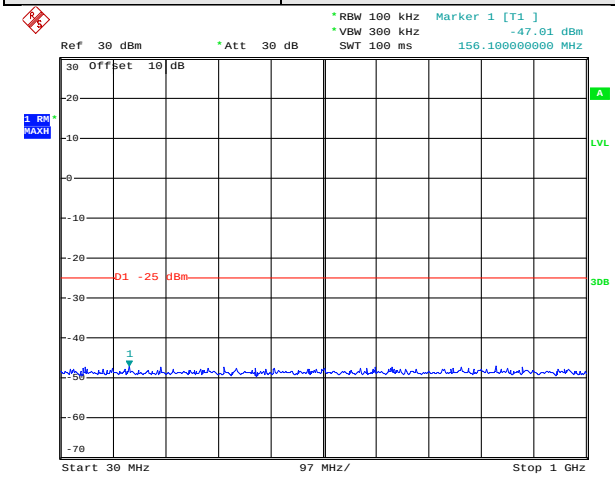
30MHz~1GHz



Date: 14.JAN.2015 19:37:12

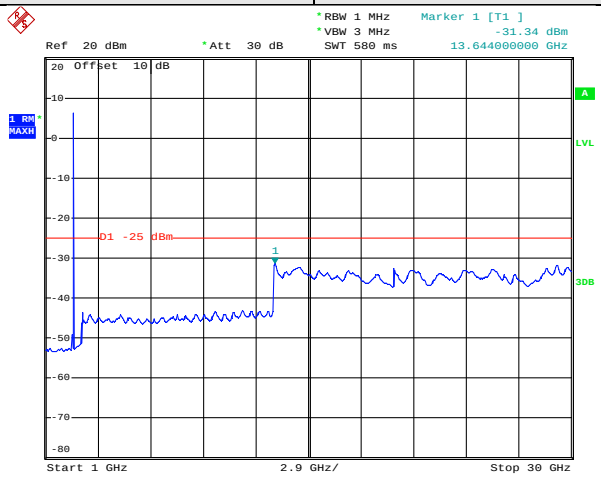
1GHz~30GHz

Test Mode:	LTE band 7(15MHz QPSK) RB Size 1 & RB Offset 37	Test Channel:	Lowest channel



Date: 14.JAN.2015 18:53:41

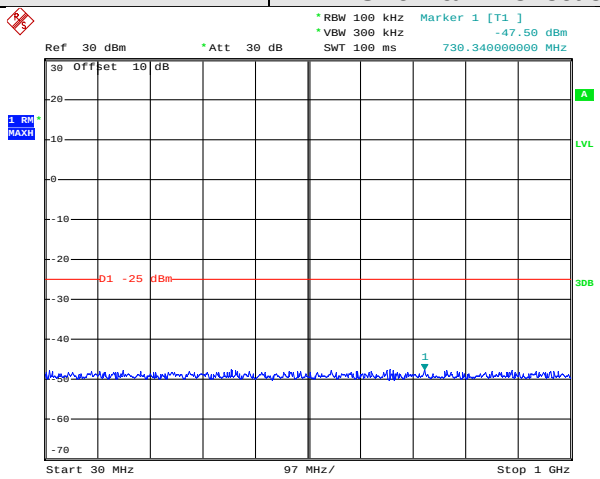
30MHz~1GHz



Date: 14.JAN.2015 19:32:25

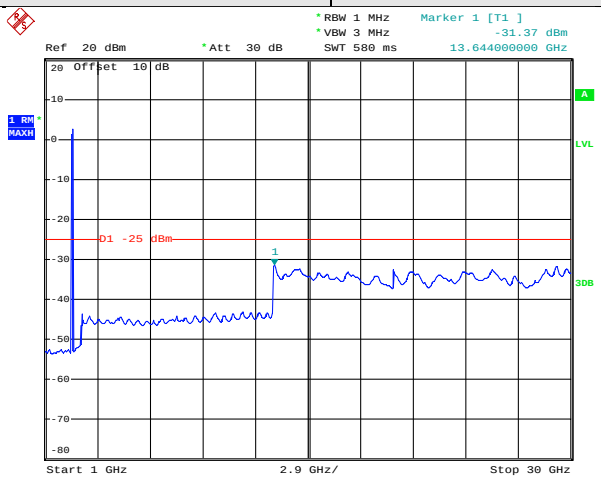
1GHz~30GHz

Test Mode:	LTE band 7(15MHz QPSK) RB Size 1 & RB Offset 37	Test Channel:	Middle channel



Date: 14.JAN.2015 18:53:51

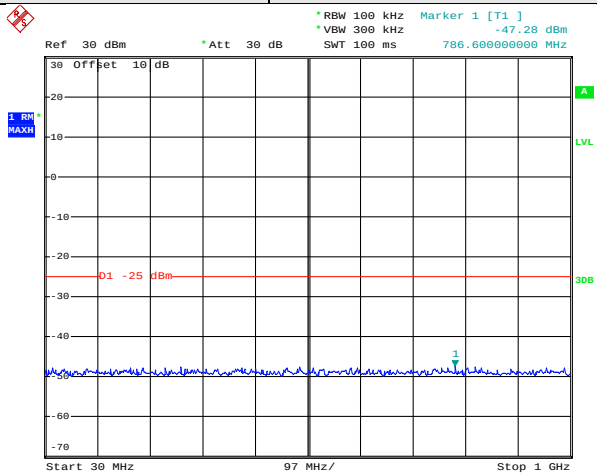
30MHz~1GHz



Date: 14.JAN.2015 19:32:39

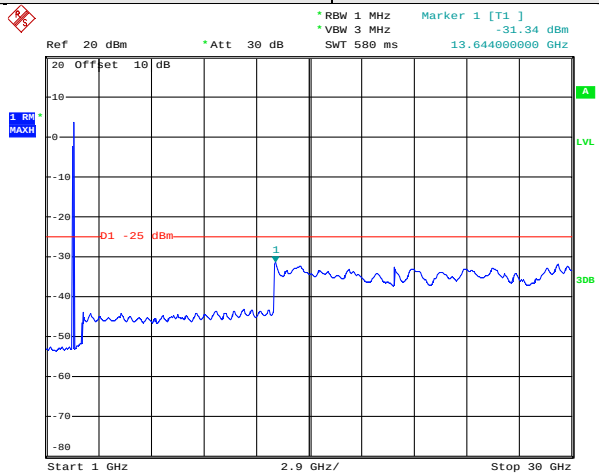
1GHz~30GHz

Test Mode:	LTE band 7(15MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Highest channel



Date: 14.JAN.2015 18:53:58

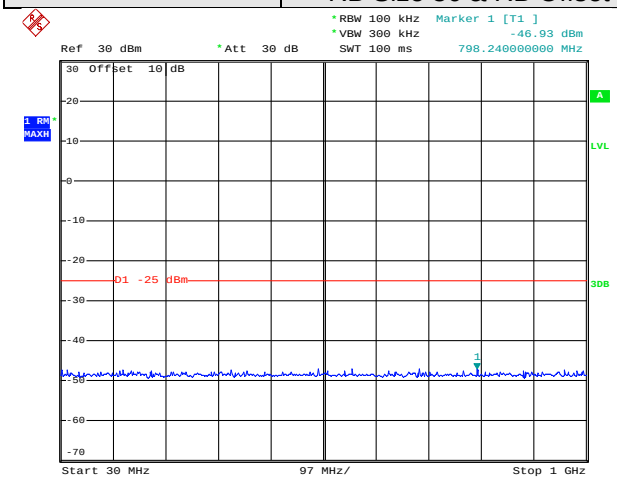
30MHz~1GHz



Date: 14.JAN.2015 19:32:51

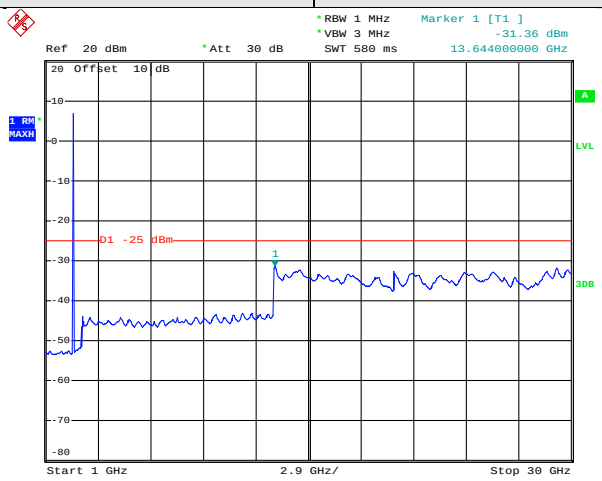
1GHz~30GHz

Test Mode:	LTE band 7(15MHz QPSK) RB Size 36 & RB Offset 0	Test Channel:	Lowest channel



Date: 14.JAN.2015 18:54:58

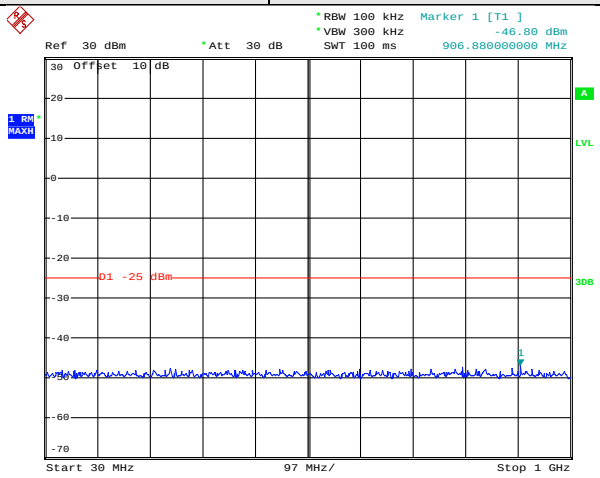
30MHz~1GHz



Date: 14.JAN.2015 19:33:57

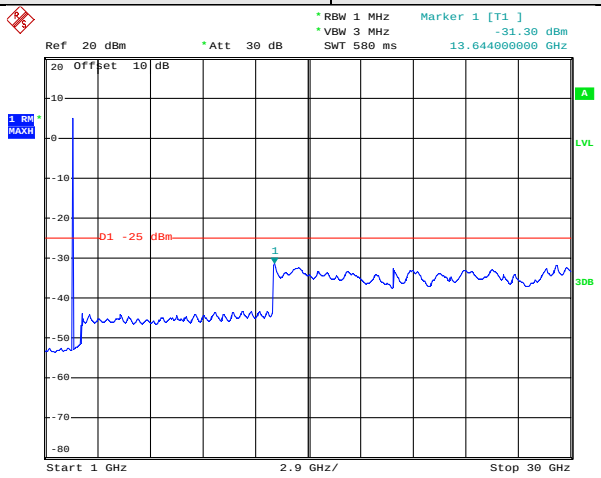
1GHz~30GHz

Test Mode:	LTE band 7(15MHz QPSK) RB Size 36 & RB Offset 18	Test Channel:	Middle channel



Date: 14.JAN.2015 18:55:07

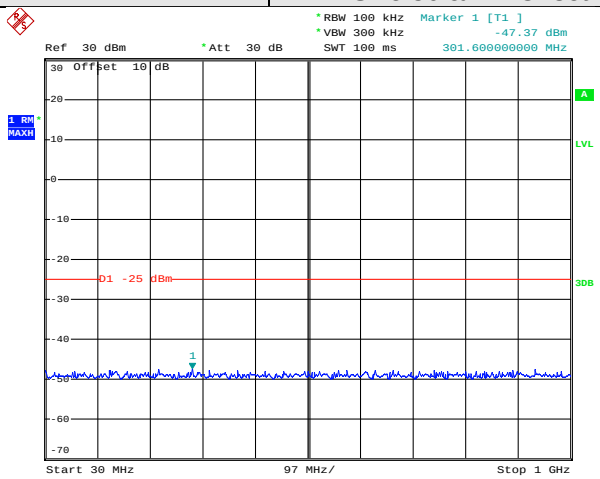
30MHz~1GHz



Date: 14.JAN.2015 19:34:08

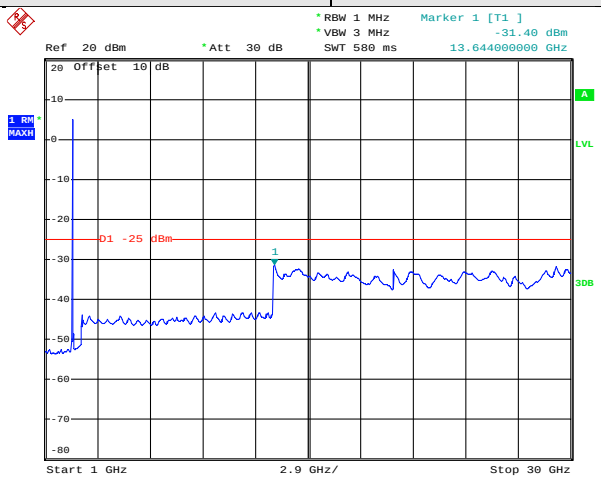
1GHz~30GHz

Test Mode:	LTE band 7(15MHz QPSK) RB Size 36 & RB Offset 37	Test Channel:	Highest channel



Date: 14.JAN.2015 18:55:15

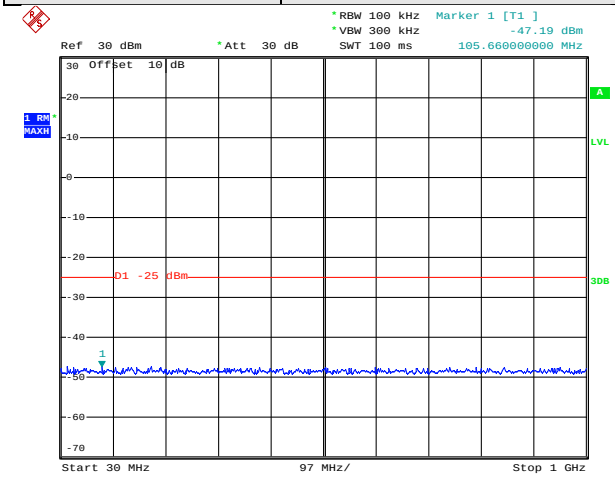
30MHz~1GHz



Date: 14.JAN.2015 19:34:20

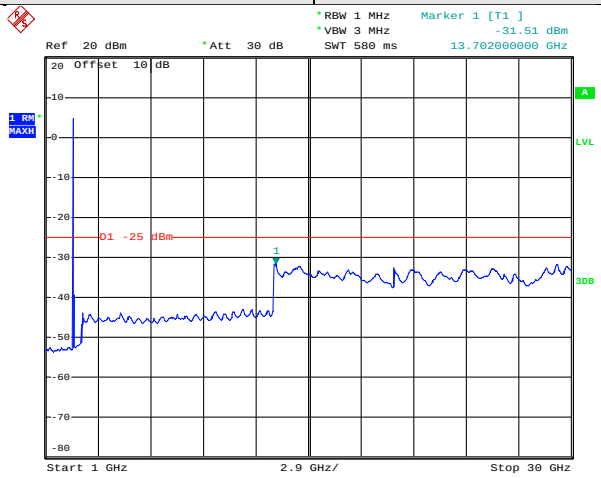
1GHz~30GHz

Test Mode:	LTE band 7(15MHz QPSK) RB Size 75 & RB Offset 0	Test Channel:	Lowest channel



Date: 14.JAN.2015 18:56:18

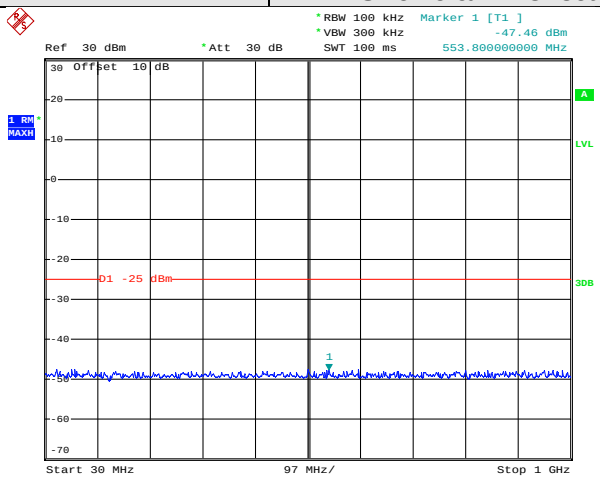
30MHz~1GHz



Date: 14.JAN.2015 19:35:38

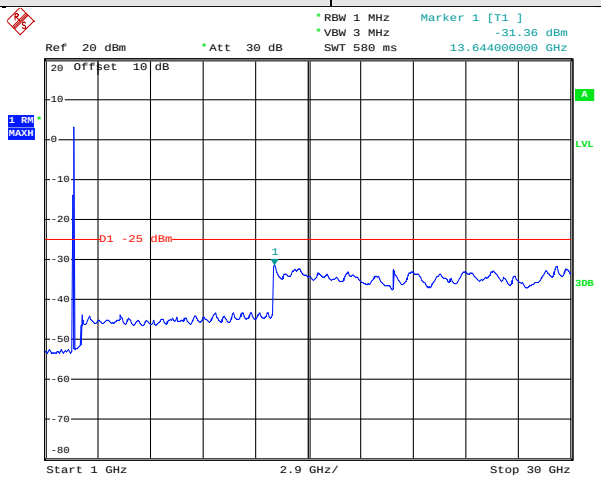
1GHz~30GHz

Test Mode:	LTE band 7(15MHz QPSK) RB Size 75 & RB Offset 0	Test Channel:	Middle channel



Date: 14.JAN.2015 18:56:28

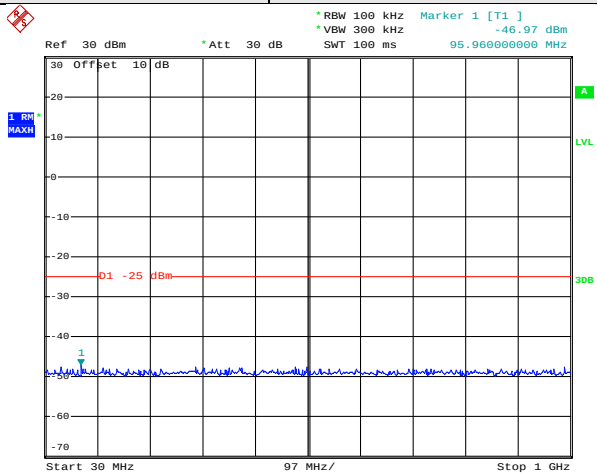
30MHz~1GHz



Date: 14.JAN.2015 19:35:53

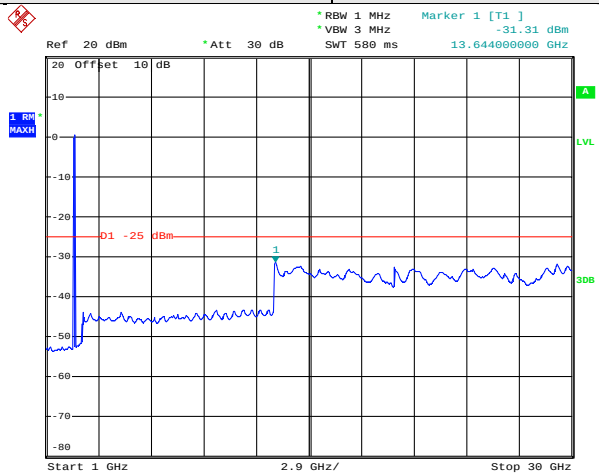
1GHz~30GHz

Test Mode:	LTE band 7(15MHz QPSK) RB Size 75 & RB Offset 0	Test Channel:	Highest channel



Date: 14.JAN.2015 18:56:36

30MHz~1GHz

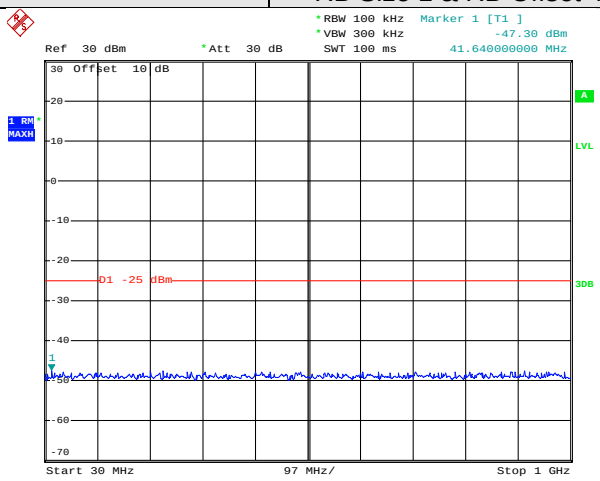


Date: 14.JAN.2015 19:36:09

1GHz~30GHz

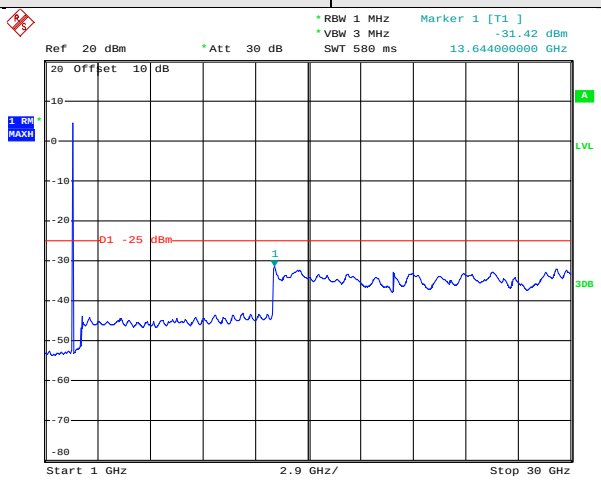
20MHz:

Test Mode:	LTE band 7(20MHz 16QAM) RB Size 1 & RB Offset 49	Test Channel:	Lowest channel



Date: 14.JAN.2015 19:04:48

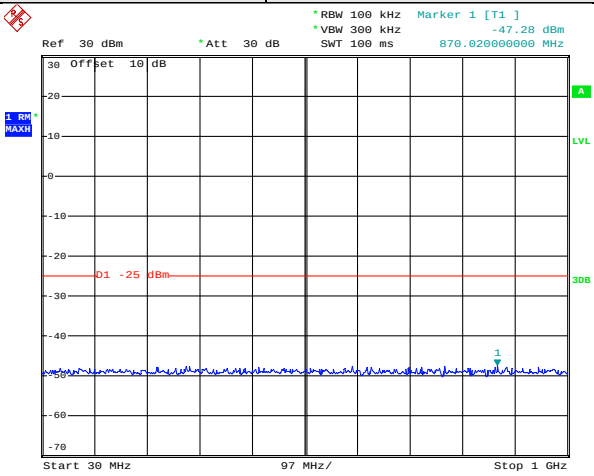
30MHz~1GHz



Date: 14.JAN.2015 19:38:36

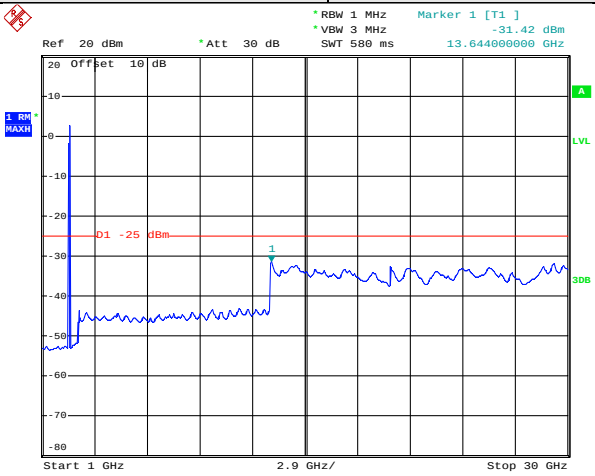
1GHz~30GHz

Test Mode:	LTE band 7(20MHz 16QAM) RB Size 1 & RB Offset 99	Test Channel:	Middle channel



Date: 14.JAN.2015 19:05:05

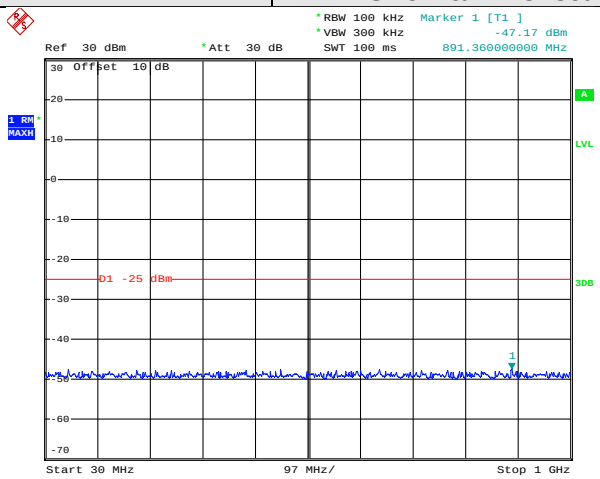
30MHz~1GHz



Date: 14.JAN.2015 19:38:48

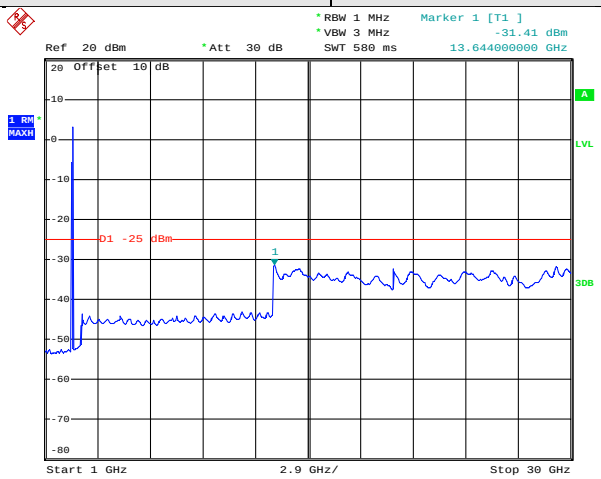
1GHz~30GHz

Test Mode:	LTE band 7(20MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Highest channel



Date: 14.JAN.2015 19:05:12

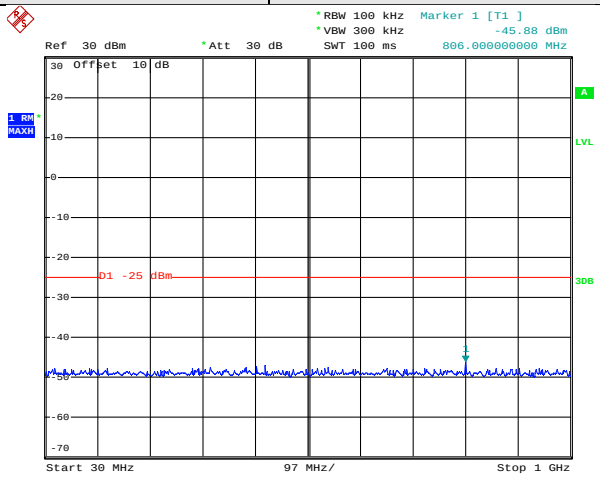
30MHz~1GHz



Date: 14.JAN.2015 19:39:01

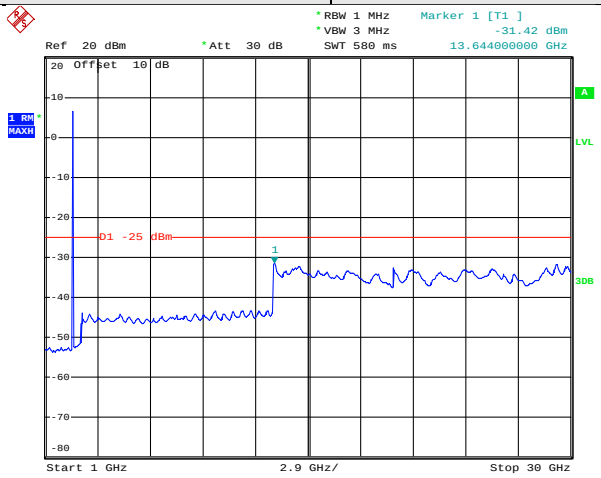
1GHz~30GHz

Test Mode:	LTE band 7(20MHz 16QAM) RB Size 50 & RB Offset 0	Test Channel:	Lowest channel



Date: 14.JAN.2015 19:06:46

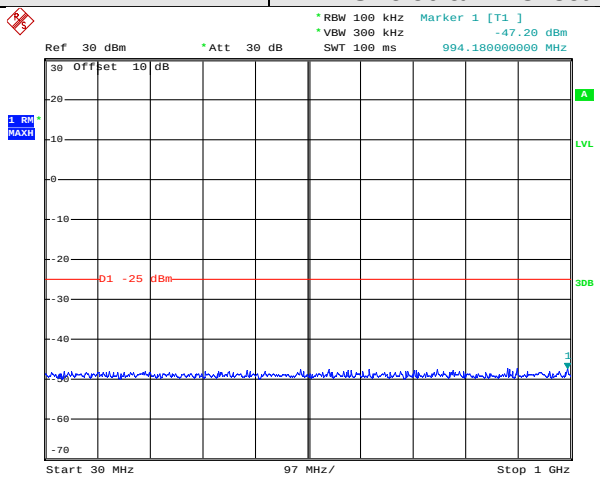
30MHz~1GHz



Date: 14.JAN.2015 19:41:26

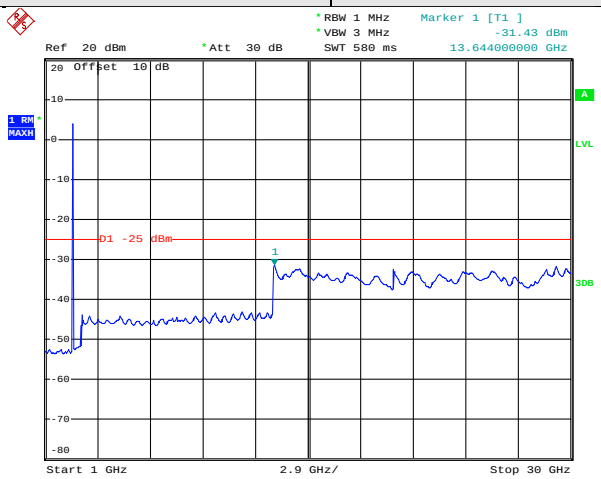
1GHz~30GHz

Test Mode:	LTE band 7(20MHz 16QAM) RB Size 50 & RB Offset 24	Test Channel:	Middle channel



Date: 14.JAN.2015 19:06:54

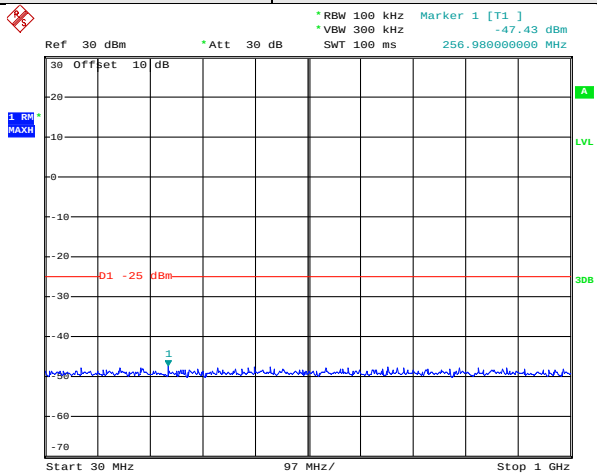
30MHz~1GHz



Date: 14.JAN.2015 19:41:41

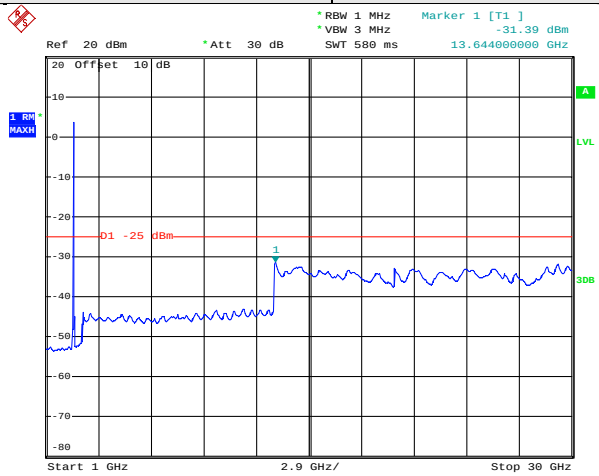
1GHz~30GHz

Test Mode:	LTE band 7(20MHz 16QAM) RB Size 50 & RB Offset 0	Test Channel:	Highest channel



Date: 14.JAN.2015 19:07:02

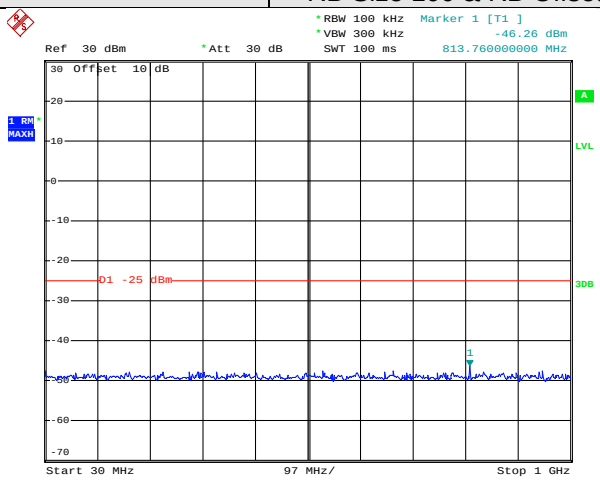
30MHz~1GHz



Date: 14.JAN.2015 19:41:54

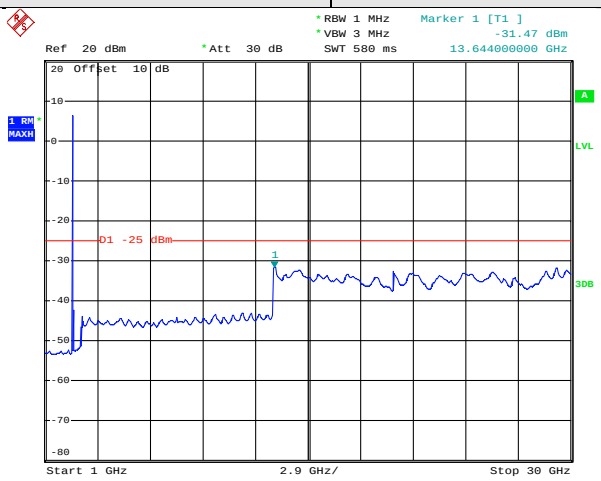
1GHz~30GHz

Test Mode:	LTE band 7(20MHz 16QAM) RB Size 100 & RB Offset 0	Test Channel:	Lowest channel



Date: 14.JAN.2015 19:07:57

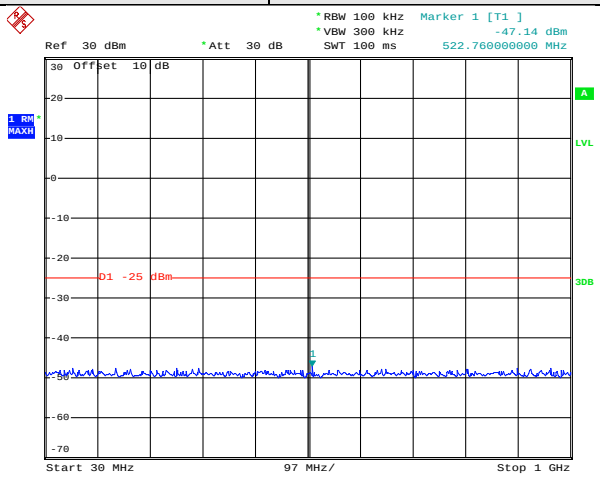
30MHz~1GHz



Date: 14.JAN.2015 19:43:26

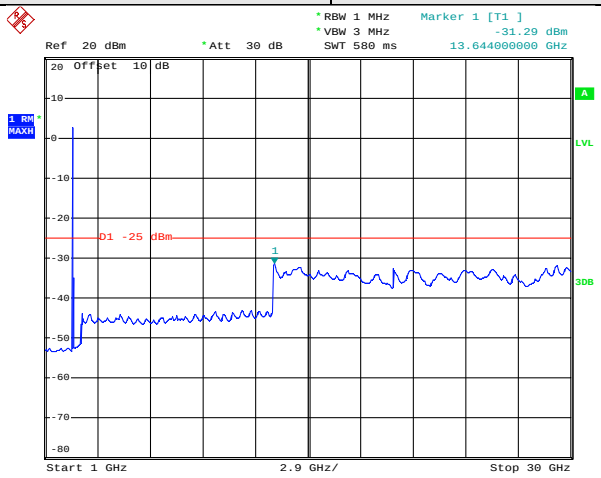
1GHz~30GHz

Test Mode:	LTE band 7(20MHz 16QAM) RB Size 100 & RB Offset 0	Test Channel:	Middle channel



Date: 14.JAN.2015 19:08:05

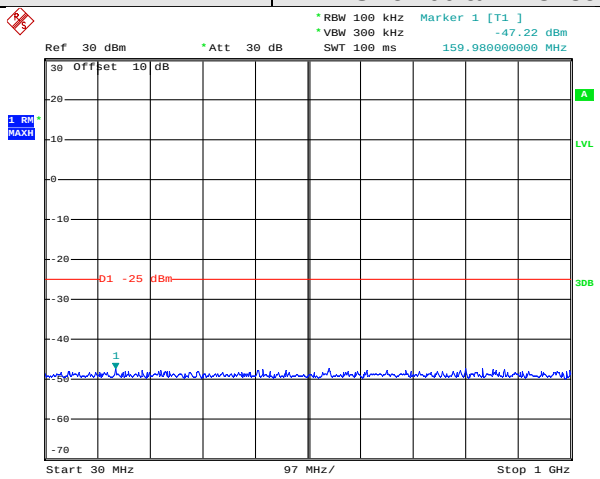
30MHz~1GHz



Date: 14.JAN.2015 19:43:45

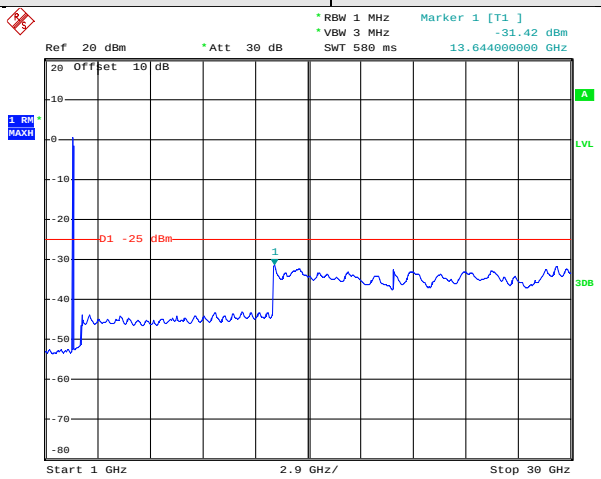
1GHz~30GHz

Test Mode:	LTE band 7(20MHz 16QAM) RB Size 100 & RB Offset 0	Test Channel:	Highest channel



Date: 14.JAN.2015 19:08:14

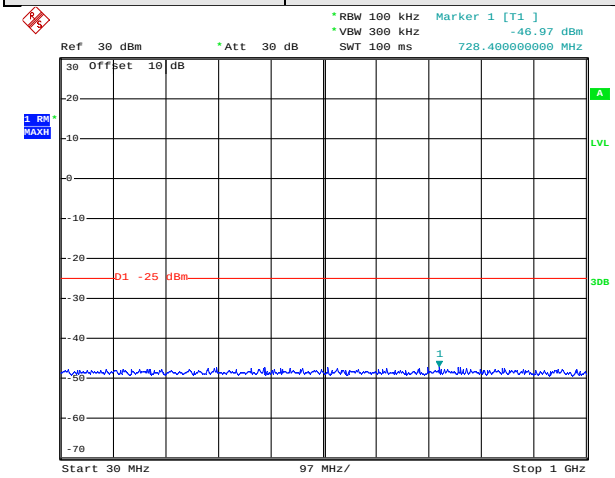
30MHz~1GHz



Date: 14.JAN.2015 19:44:04

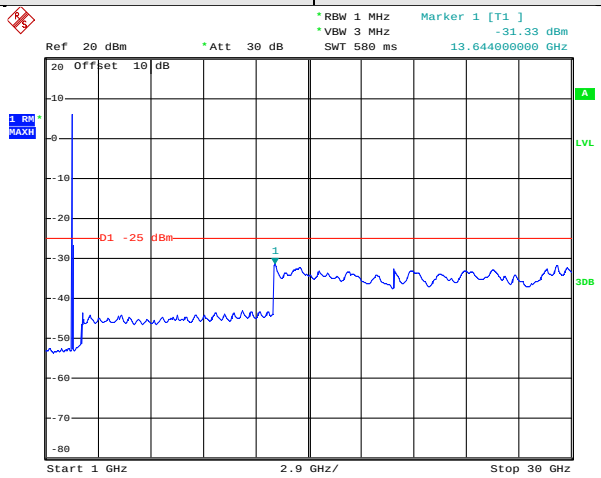
1GHz~30GHz

Test Mode:	LTE band 7(20MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Lowest channel



Date: 14.JAN.2015 19:02:04

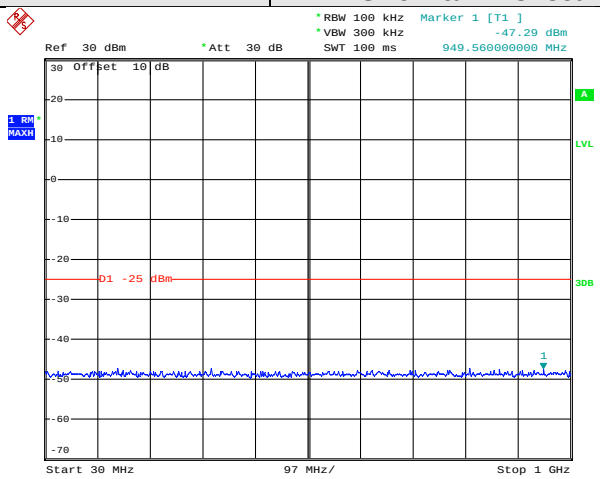
30MHz~1GHz



Date: 14.JAN.2015 19:38:00

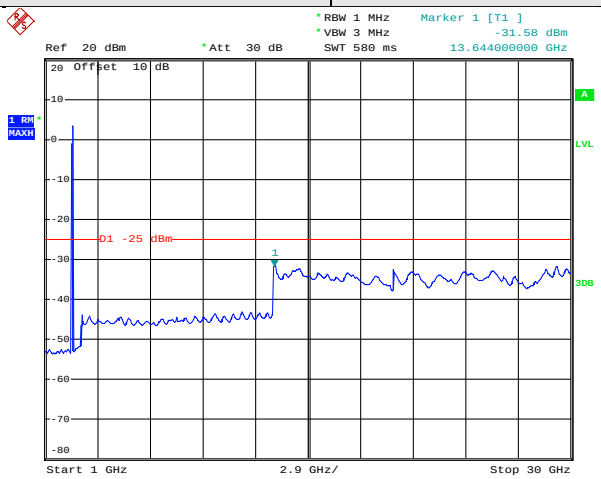
1GHz~30GHz

Test Mode:	LTE band 7(20MHz QPSK) RB Size 1 & RB Offset 49	Test Channel:	Middle channel



Date: 14.JAN.2015 19:03:18

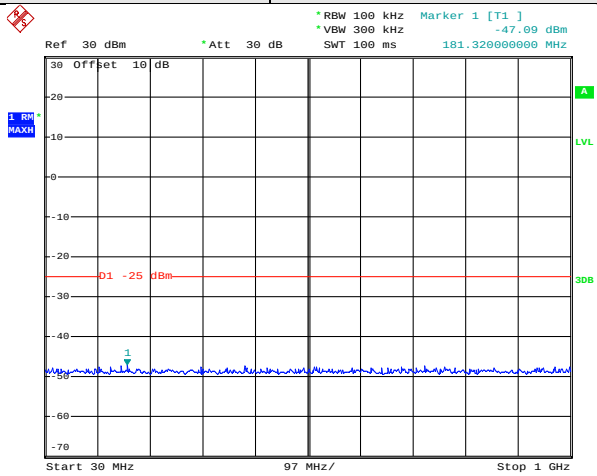
30MHz~1GHz



Date: 14.JAN.2015 19:38:11

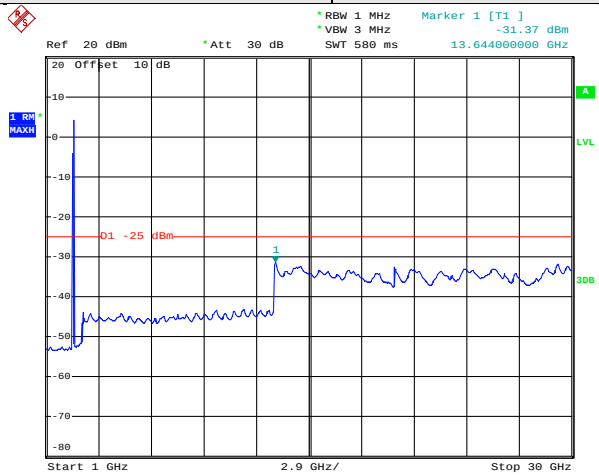
1GHz~30GHz

Test Mode:	LTE band 7(20MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Highest channel



Date: 14.JAN.2015 19:04:41

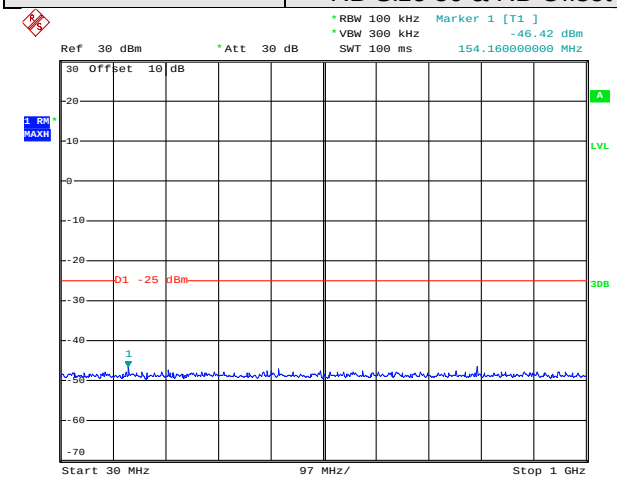
30MHz~1GHz



Date: 14.JAN.2015 19:38:23

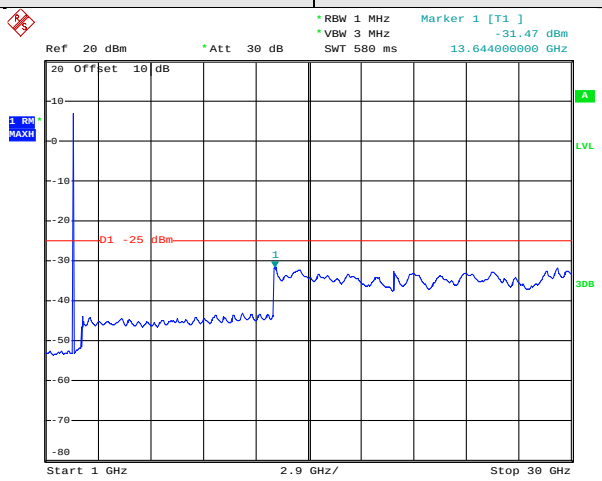
1GHz~30GHz

Test Mode:	LTE band 7(20MHz QPSK) RB Size 50 & RB Offset 0	Test Channel:	Lowest channel



Date: 14.JAN.2015 19:06:17

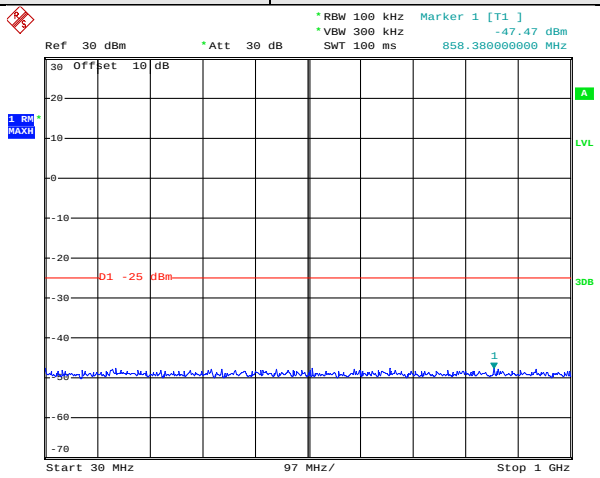
30MHz~1GHz



Date: 14.JAN.2015 19:39:26

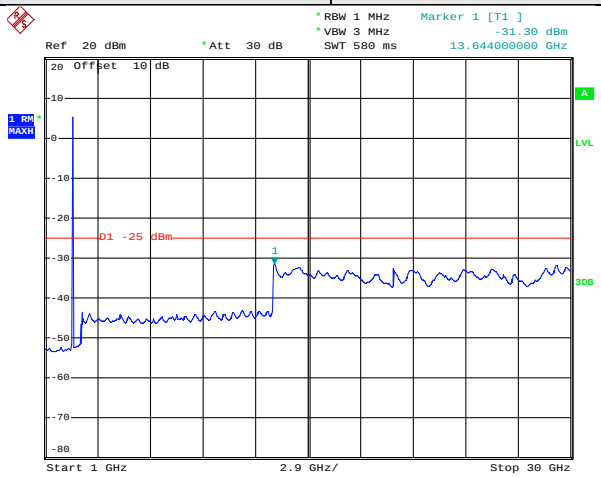
1GHz~30GHz

Test Mode:	LTE band 7(20MHz QPSK) RB Size 50 & RB Offset 0	Test Channel:	Middle channel



Date: 14.JAN.2015 19:06:25

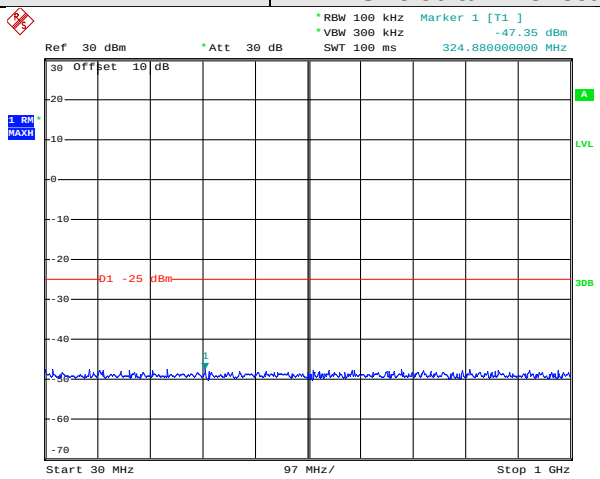
30MHz~1GHz



Date: 14.JAN.2015 19:40:03

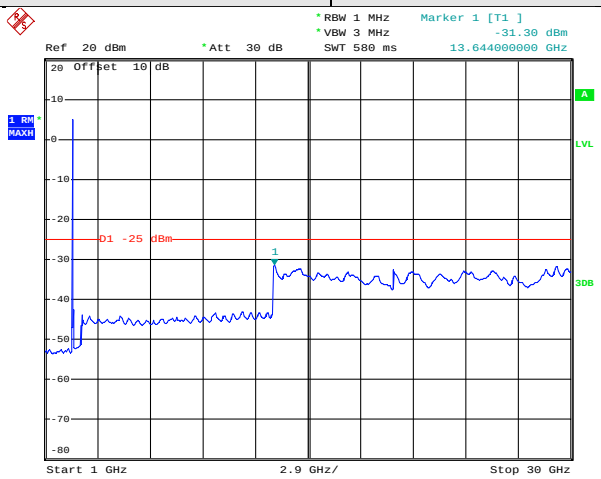
1GHz~30GHz

Test Mode:	LTE band 7(20MHz QPSK) RB Size 50 & RB Offset 0	Test Channel:	Highest channel



Date: 14.JAN.2015 19:06:33

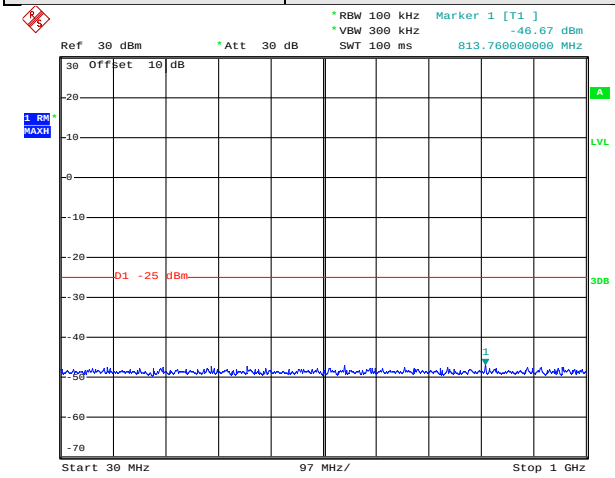
30MHz~1GHz



Date: 14.JAN.2015 19:41:02

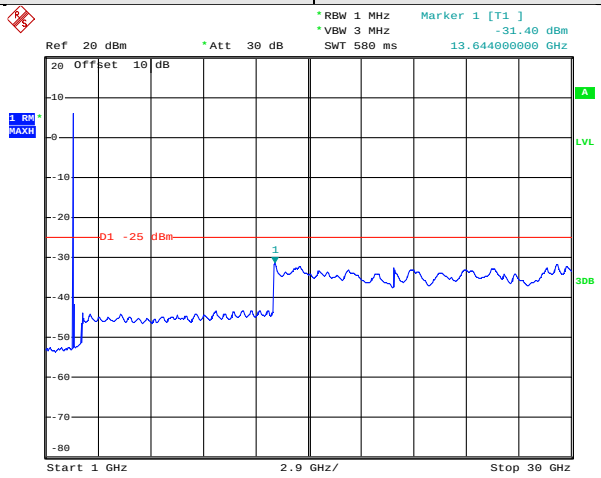
1GHz~30GHz

Test Mode:	LTE band 7(20MHz QPSK) RB Size 100 & RB Offset 0	Test Channel:	Lowest channel



Date: 14.JAN.2015 19:07:25

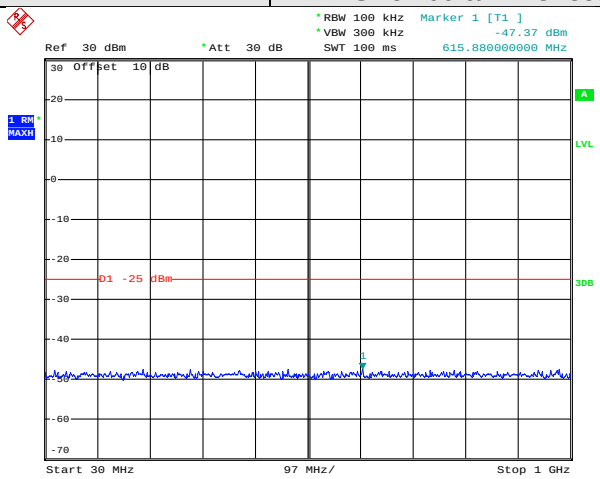
30MHz~1GHz



Date: 14.JAN.2015 19:42:38

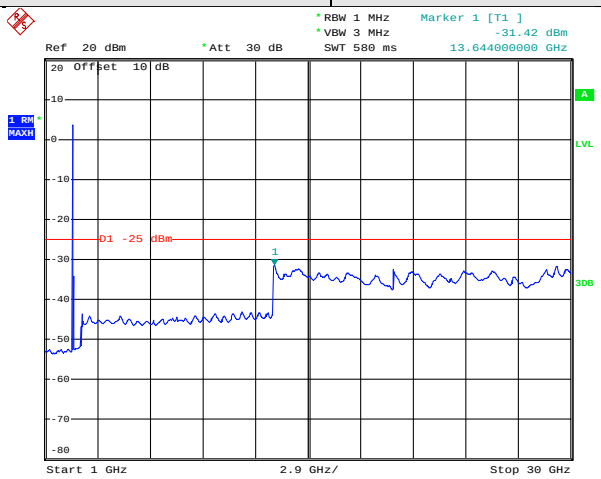
1GHz~30GHz

Test Mode:	LTE band 7(20MHz QPSK) RB Size 100 & RB Offset 0	Test Channel:	Middle channel



Date: 14.JAN.2015 19:07:34

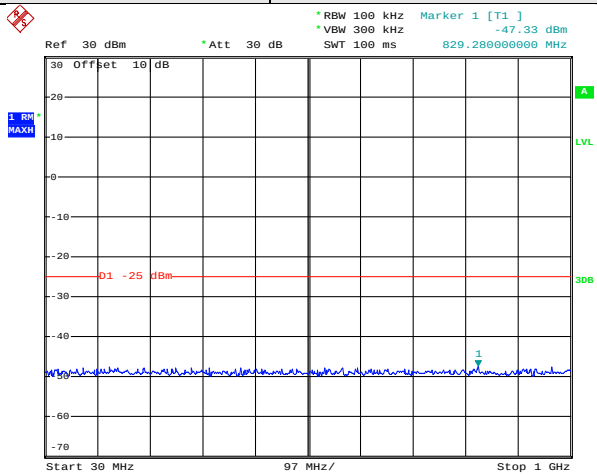
30MHz~1GHz



Date: 14.JAN.2015 19:42:54

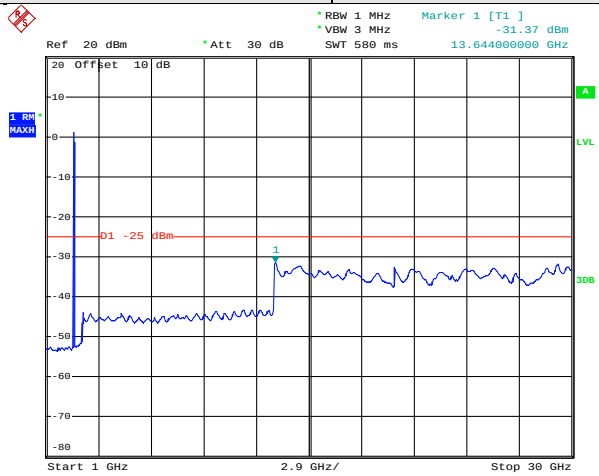
1GHz~30GHz

Test Mode:	LTE band 7(20MHz QPSK) RB Size 100 & RB Offset 0	Test Channel:	Highest channel



Date: 14.JAN.2015 19:07:41

30MHz~1GHz



Date: 14.JAN.2015 19:43:07

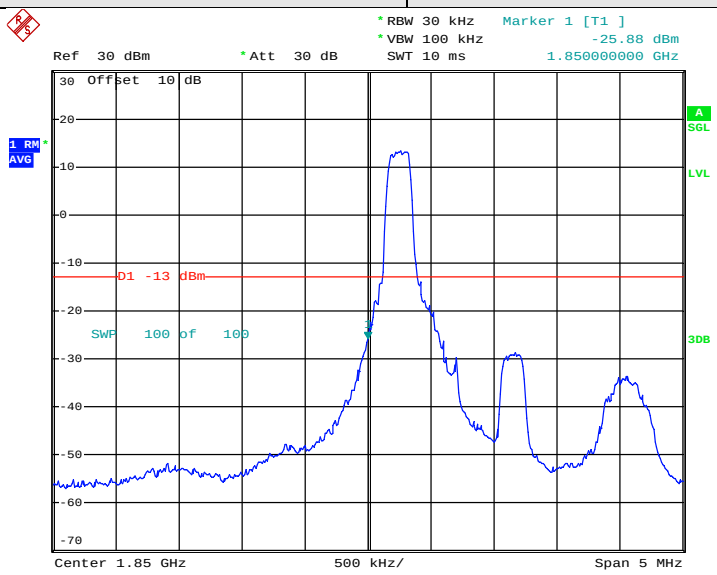
1GHz~30GHz

Band edge emission:

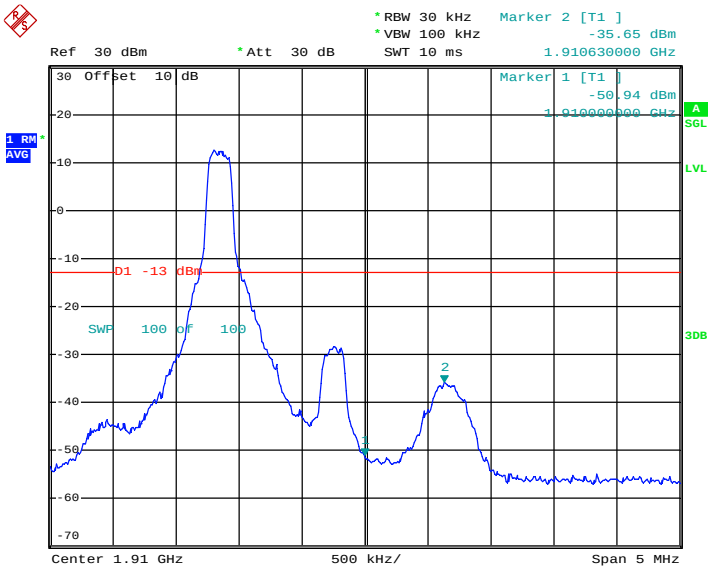
LTE band 2 part:

1.4MHz:

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

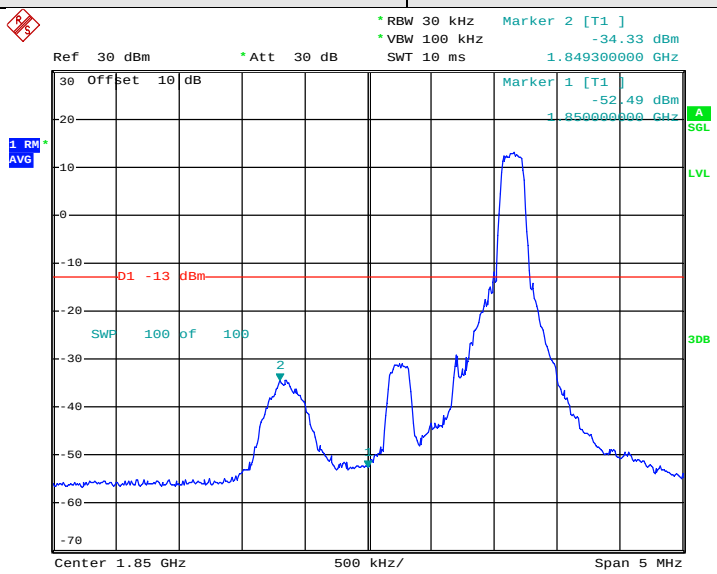


Lowest channel



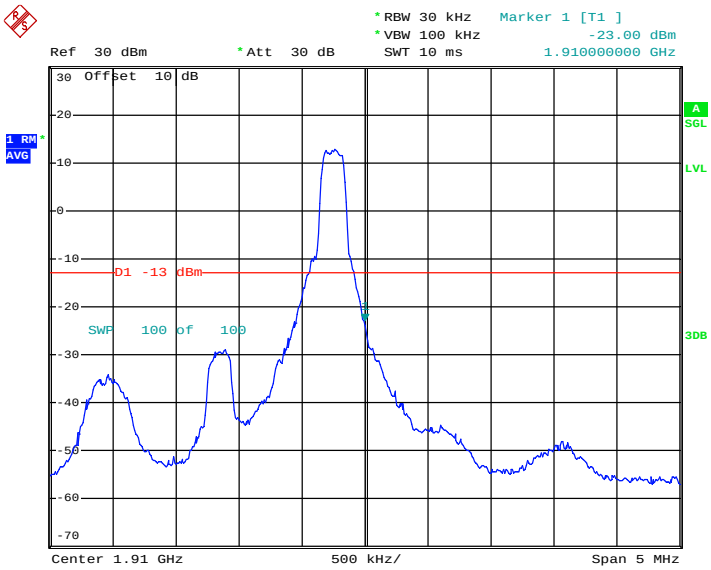
Highest channel

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



Date: 12.JAN.2015 14:23:54

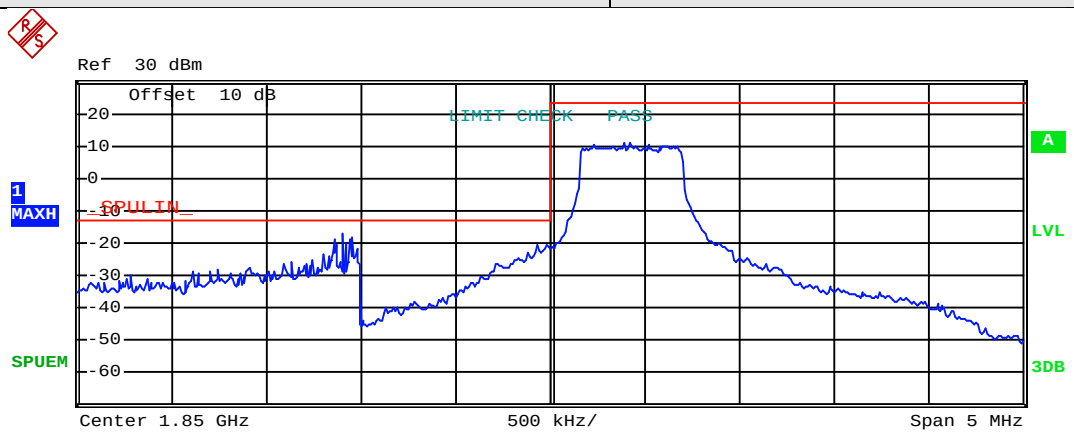
Lowest channel



Date: 12.JAN.2015 14:26:45

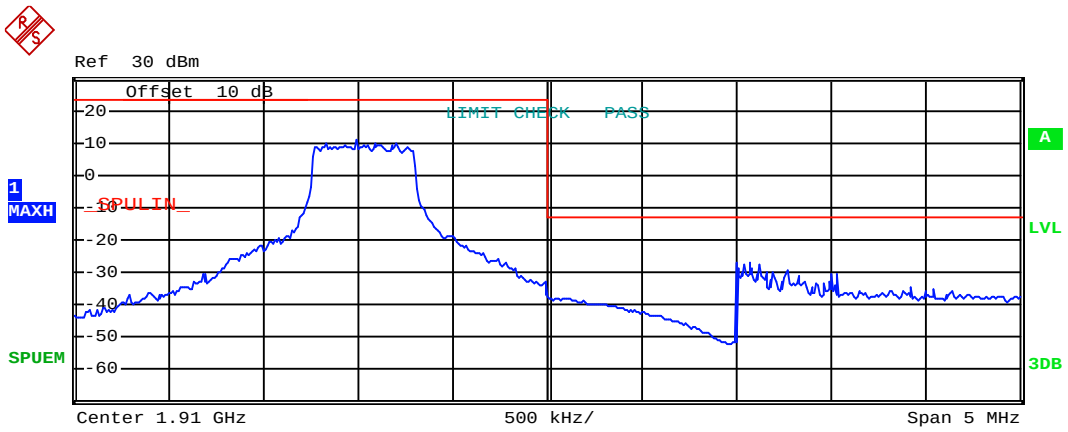
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.847 G	1.849 G	1.00 M	1.848895 G	-16.99	-3.99
1.849 G	1.850 G	15.00 k	1.849930 G	-20.84	-7.84
1.850 G	1.853 G	15.00 k	1.850425 G	10.79	-12.21

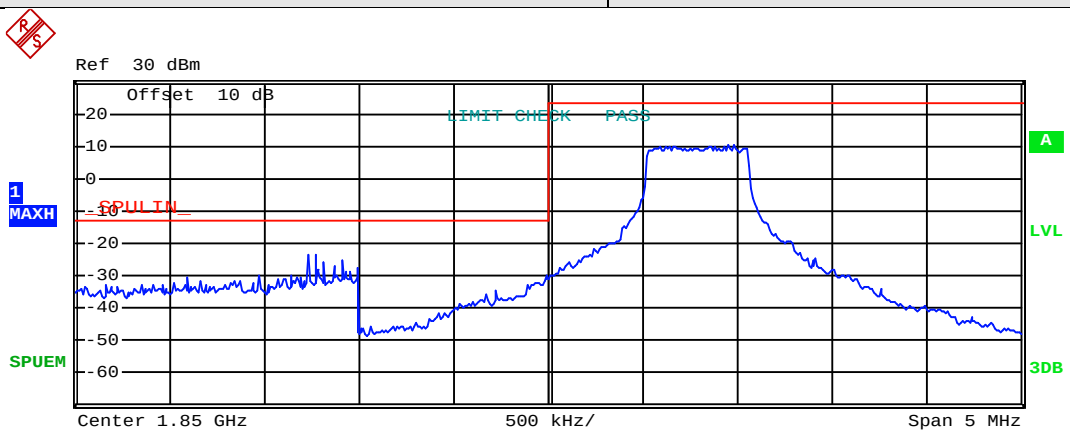
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.908 G	1.910 G	15.00 k	1.908993 G	10.72	-12.28
1.910 G	1.911 G	15.00 k	1.910008 G	-37.92	-24.92
1.911 G	1.913 G	1.00 M	1.911000 G	-27.10	-14.10

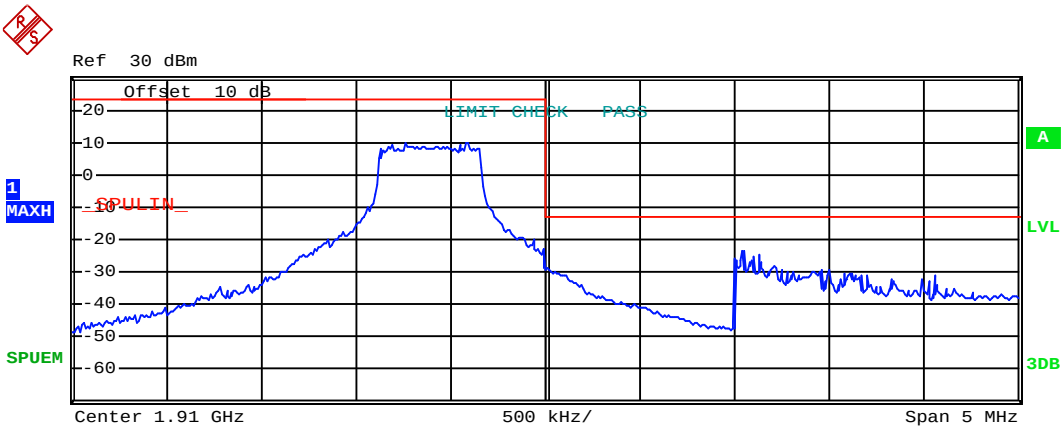
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.847 G	1.849 G	1.00 M	1.848727 G	-23.55	-10.55
1.849 G	1.850 G	15.00 k	1.849994 G	-30.20	-17.20
1.850 G	1.853 G	15.00 k	1.850949 G	10.29	-12.71

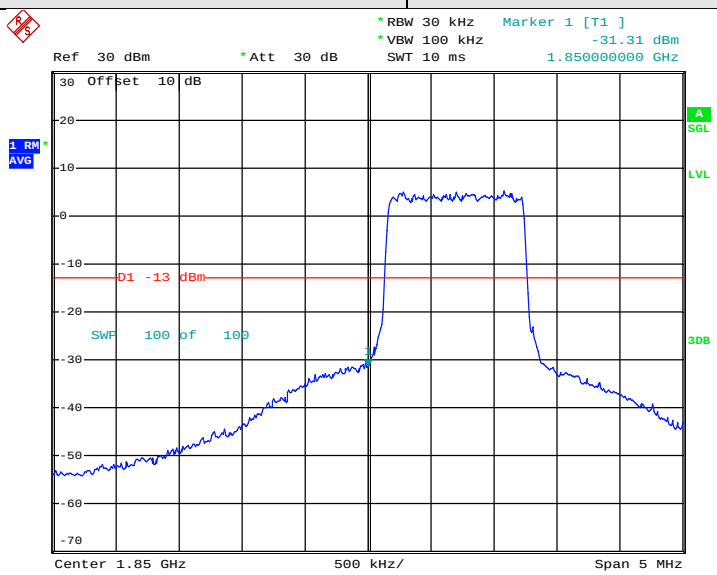
Lowest channel



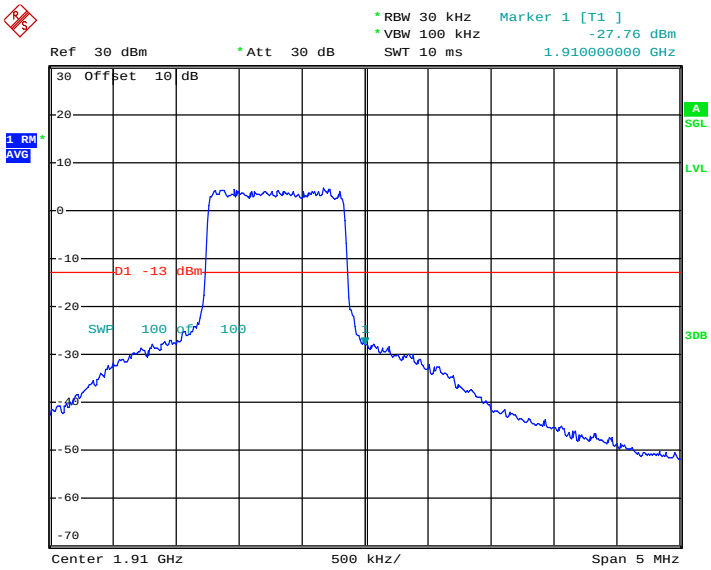
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.908 G	1.910 G	15.00 k	1.909583 G	9.69	-13.31
1.910 G	1.911 G	15.00 k	1.910008 G	-28.51	-15.51
1.911 G	1.913 G	1.00 M	1.911048 G	-23.35	-10.35

Highest channel

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

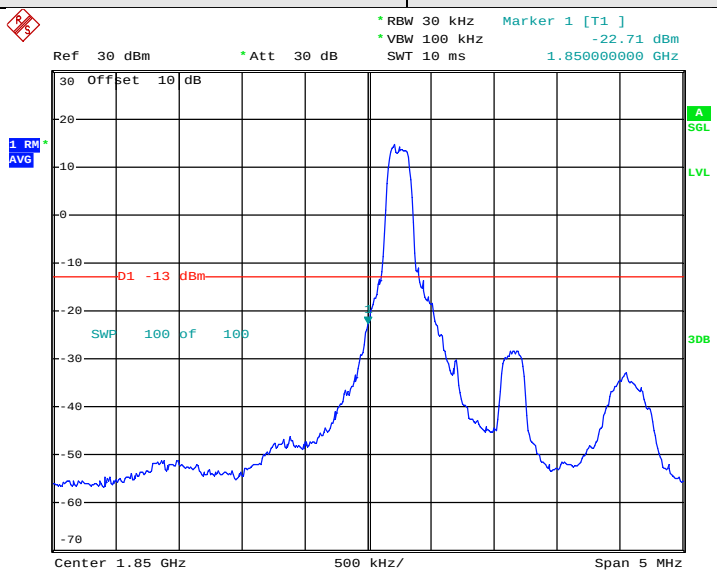


Lowest channel



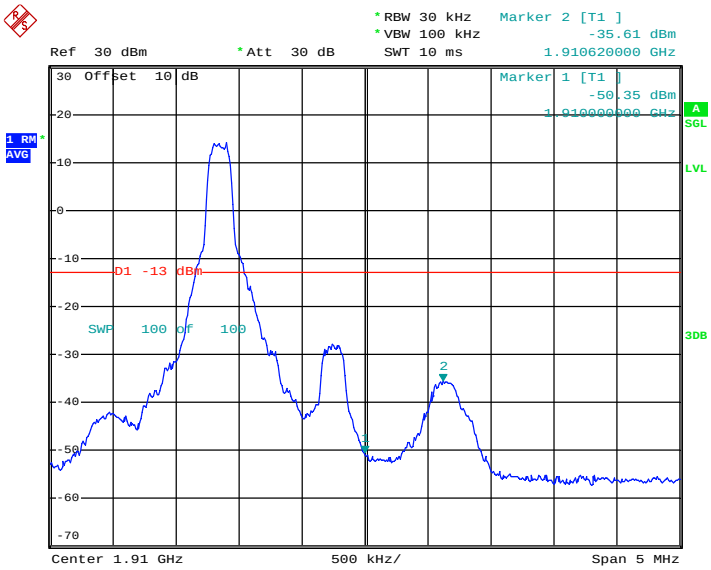
Highest channel

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



Date: 12.JAN.2015 14:22:28

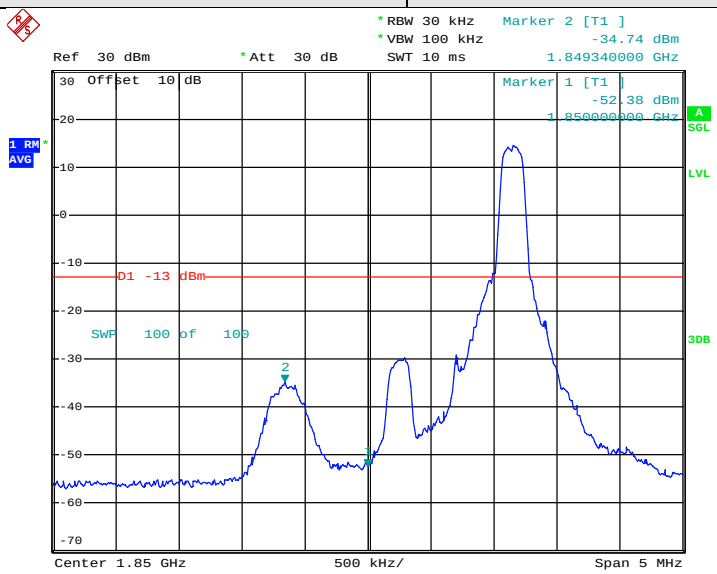
Lowest channel



Date: 12.JAN.2015 14:28:15

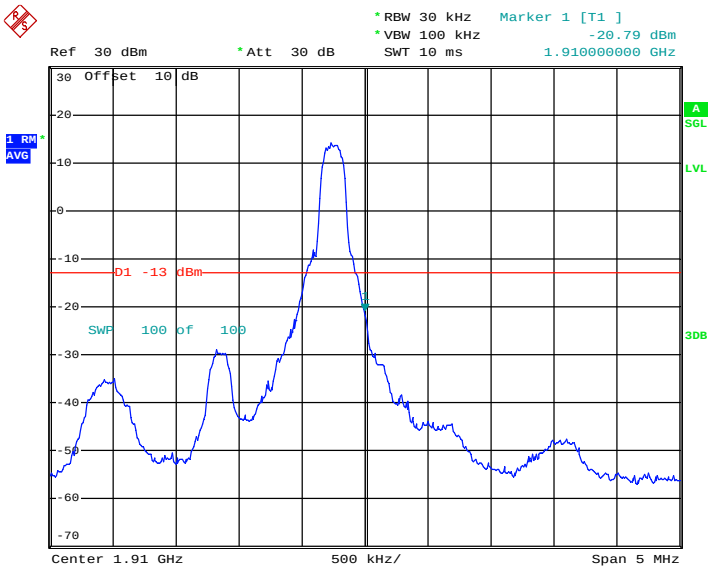
Highest channel

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



Date: 12.JAN.2015 14:24:27

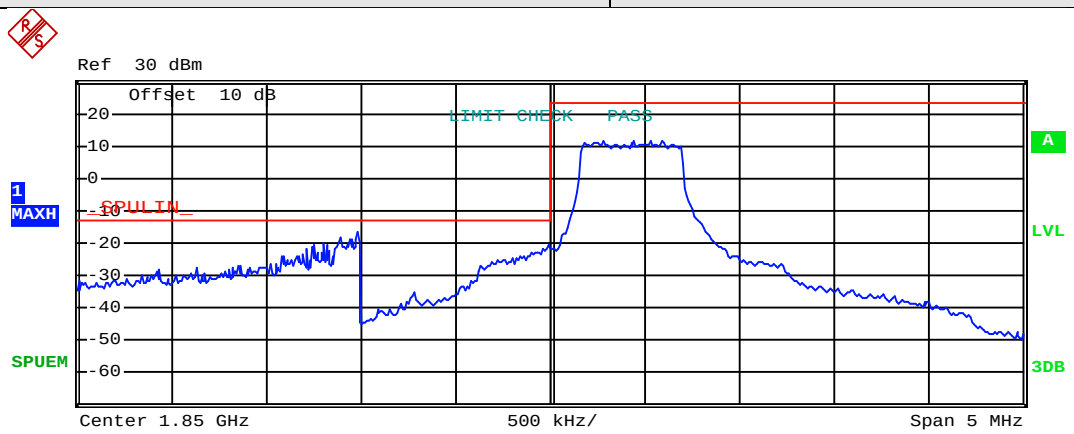
Lowest channel



Date: 12.JAN.2015 14:25:25

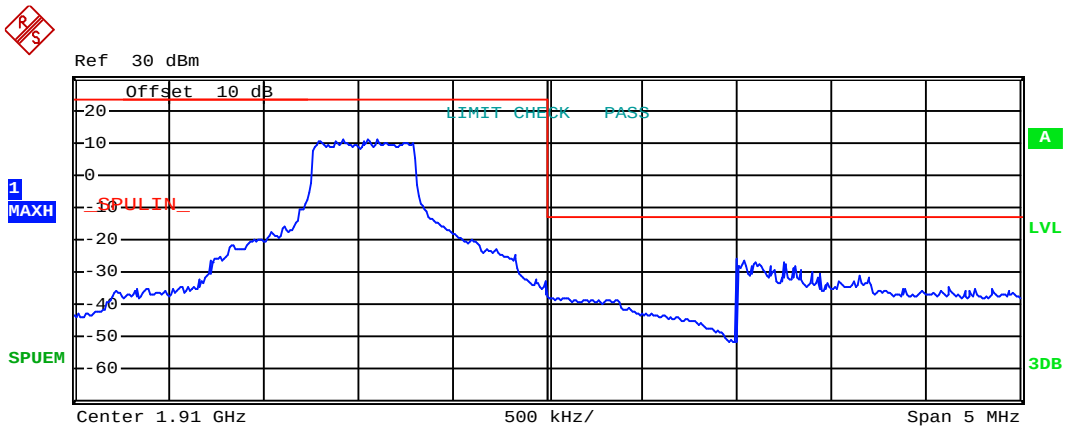
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.847 G	1.849 G	1.00 M	1.848973 G	-16.42	-3.42
1.849 G	1.850 G	15.00 k	1.849987 G	-20.45	-7.45
1.850 G	1.853 G	15.00 k	1.850591 G	11.80	-11.20

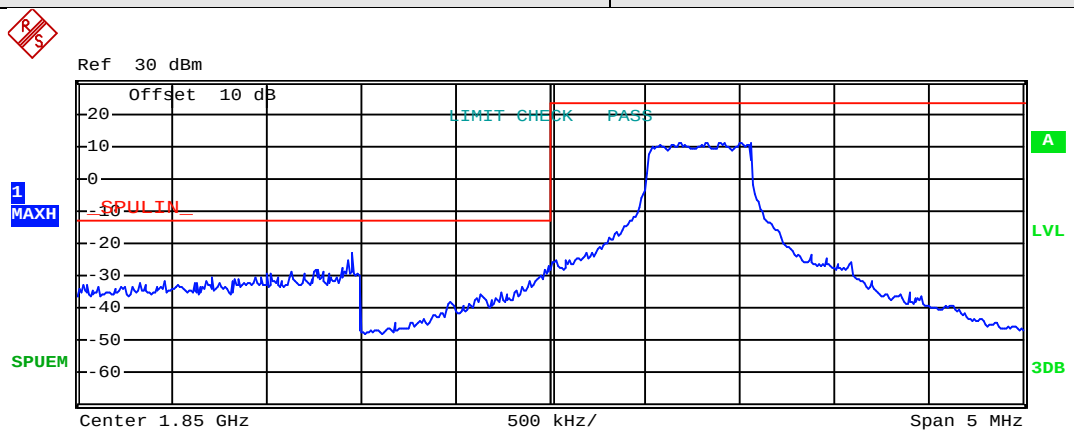
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.908 G	1.910 G	15.00 k	1.909051 G	11.05	-11.95
1.910 G	1.911 G	15.00 k	1.910016 G	-37.90	-24.90
1.911 G	1.913 G	1.00 M	1.911000 G	-25.69	-12.69

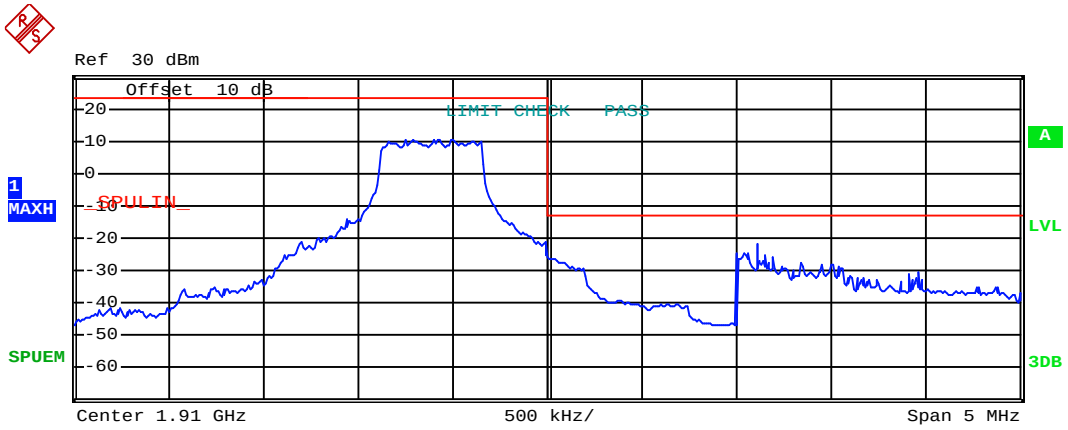
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.847 G	1.849 G	1.00 M	1.848943 G	-22.87	-9.87
1.849 G	1.850 G	15.00 k	1.849998 G	-27.11	-14.11
1.850 G	1.853 G	15.00 k	1.850821 G	11.25	-11.75

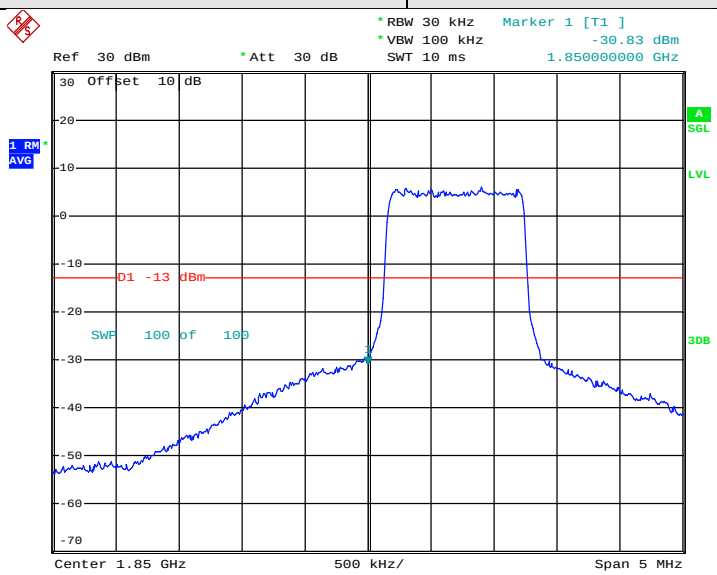
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.908 G	1.910 G	15.00 k	1.909395 G	10.40	-12.60
1.910 G	1.911 G	15.00 k	1.910024 G	-26.33	-13.33
1.911 G	1.913 G	1.00 M	1.911109 G	-21.51	-8.51

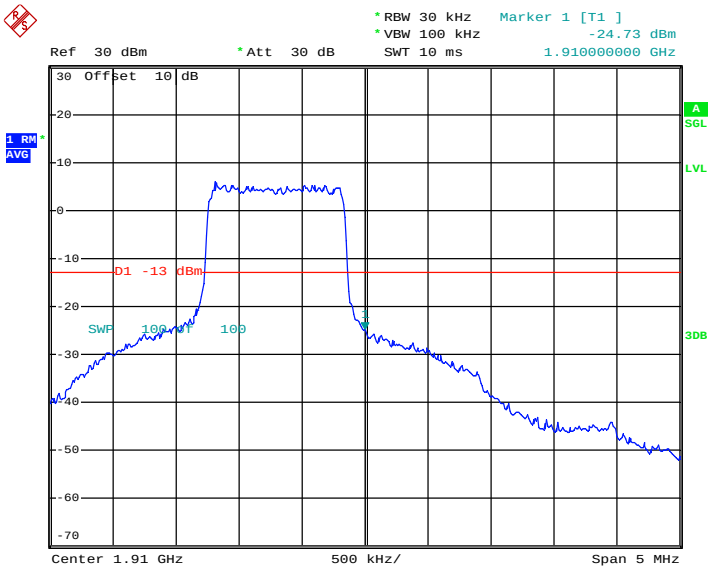
Highest channel

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



Date: 12.JAN.2015 14:30:26

Lowest channel

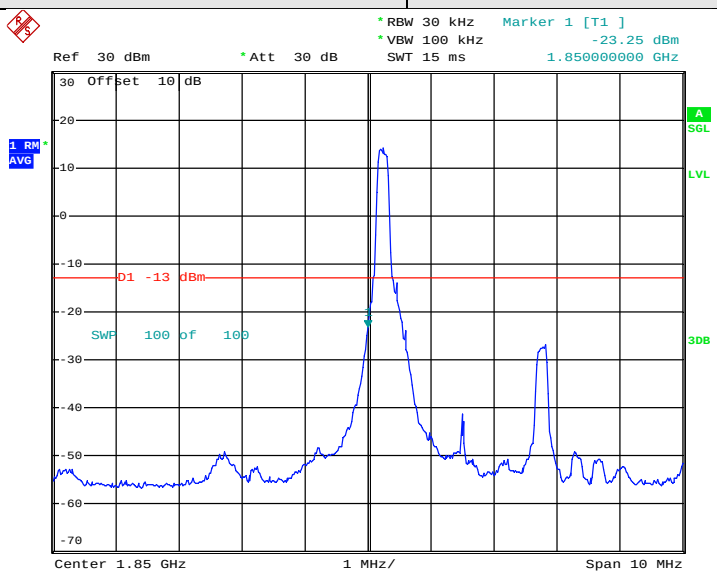


Date: 12.JAN.2015 14:29:41

Highest channel

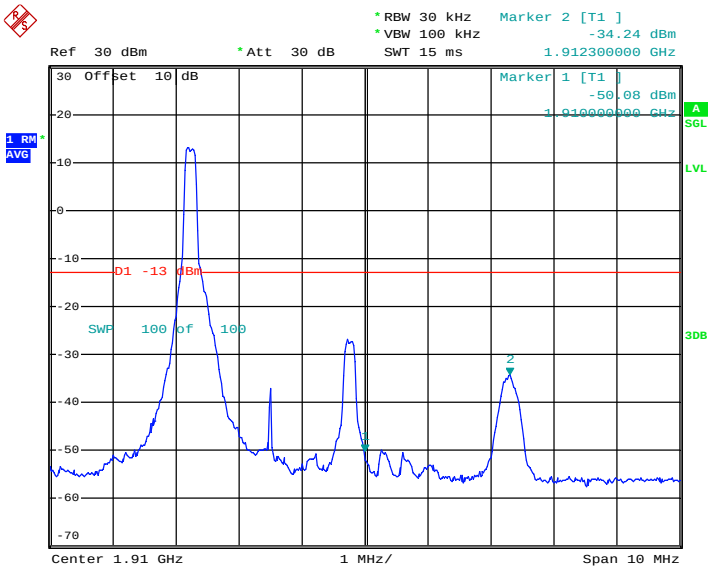
3MHz:

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



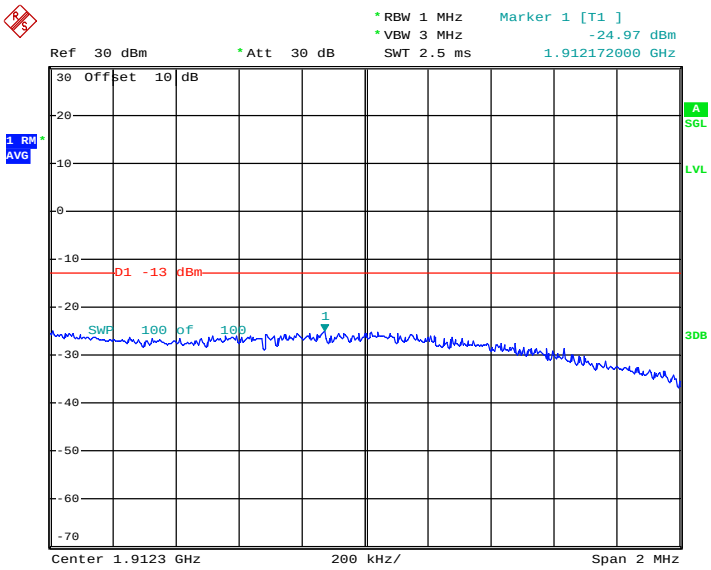
Date: 12.JAN.2015 15:09:56

Lowest channel



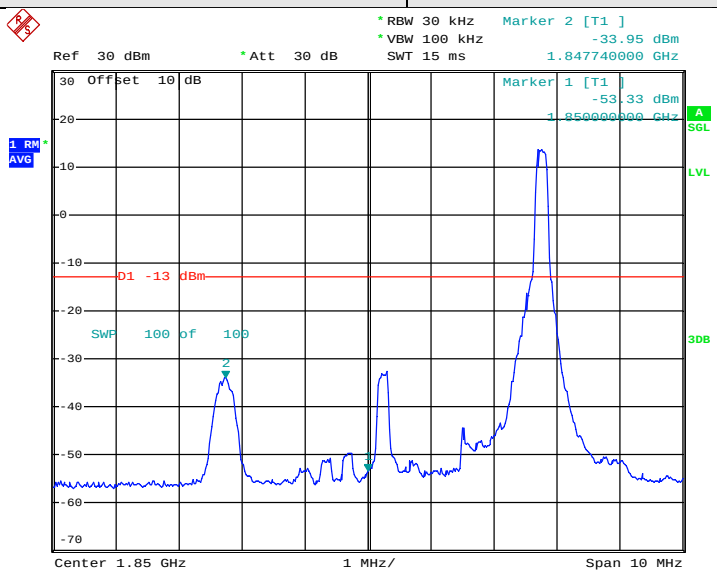
Date: 12.JAN.2015 15:48:09

Highest channel

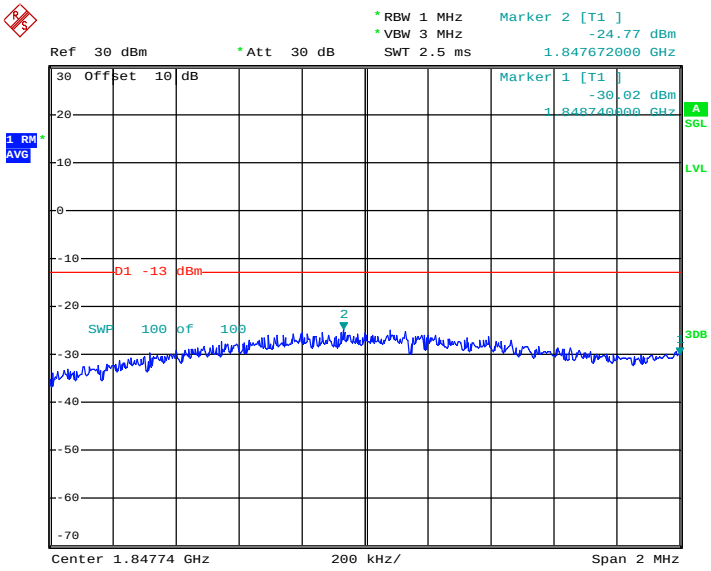


Date: 12.JAN.2015 15:48:41

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

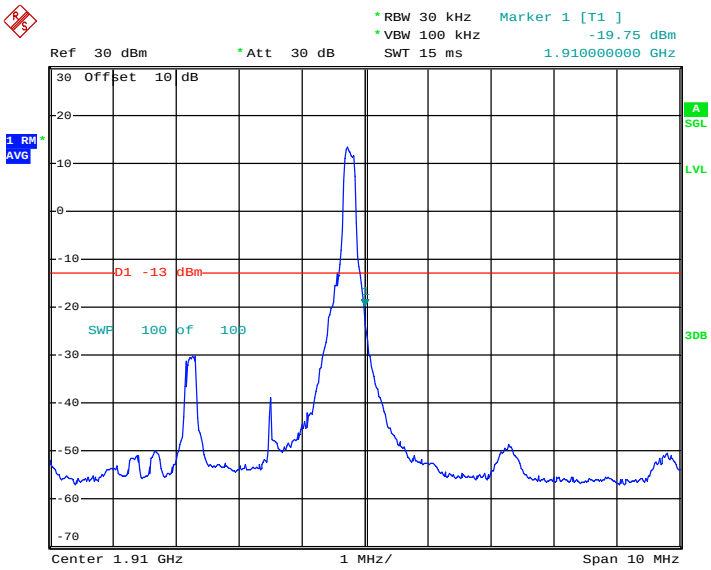


Date: 12.JAN.2015 15:10:38



Date: 12.JAN.2015 15:11:11

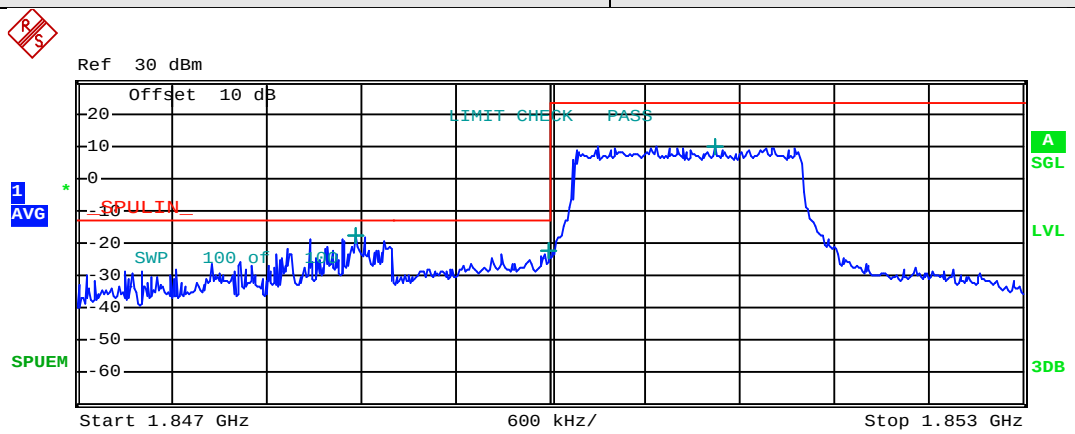
Lowest channel



Date: 12.JAN.2015 15:51:40

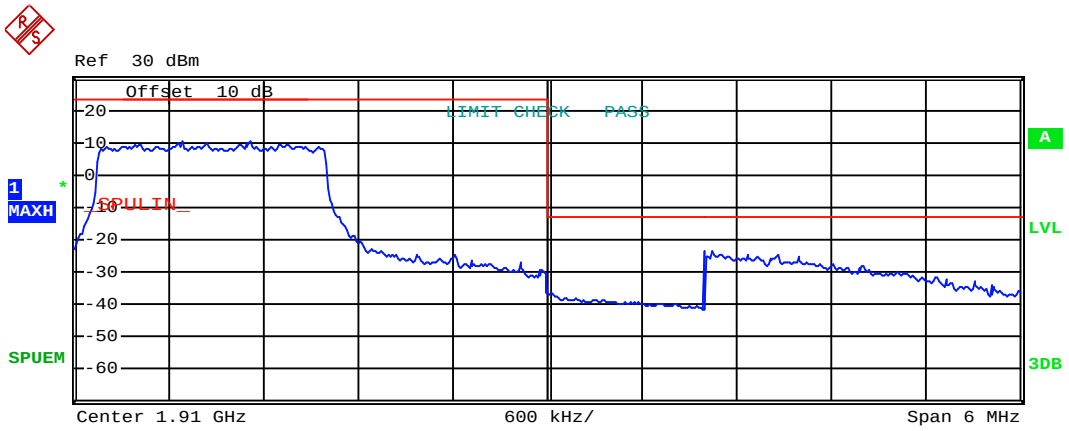
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.847 G	1.849 G	1.00 M	1.848760 G	-17.46	-4.46
1.849 G	1.850 G	30.00 k	1.849985 G	-22.27	-9.27
1.850 G	1.853 G	30.00 k	1.851045 G	9.84	-13.16

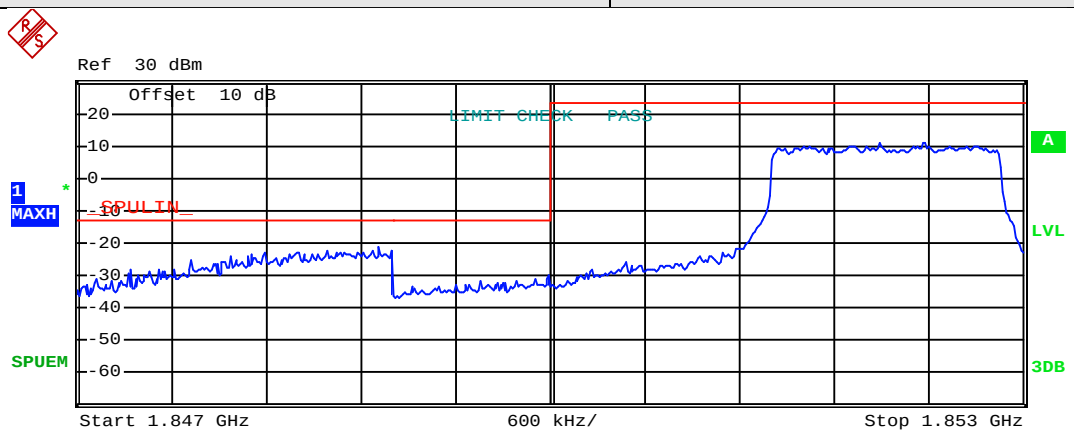
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.907 G	1.910 G	30.00 k	1.908110 G	10.45	-12.55
1.910 G	1.911 G	30.00 k	1.910016 G	-36.50	-23.50
1.911 G	1.913 G	1.00 M	1.911048 G	-23.61	-10.61

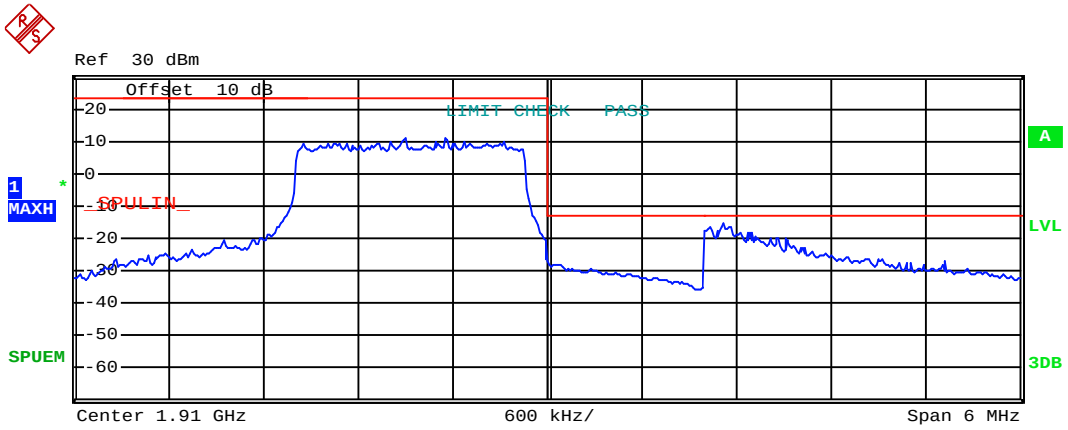
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.847 G	1.849 G	1.00 M	1.848900 G	-21.02	-8.02
1.849 G	1.850 G	30.00 k	1.849993 G	-29.95	-16.95
1.850 G	1.853 G	30.00 k	1.852366 G	11.04	-11.96

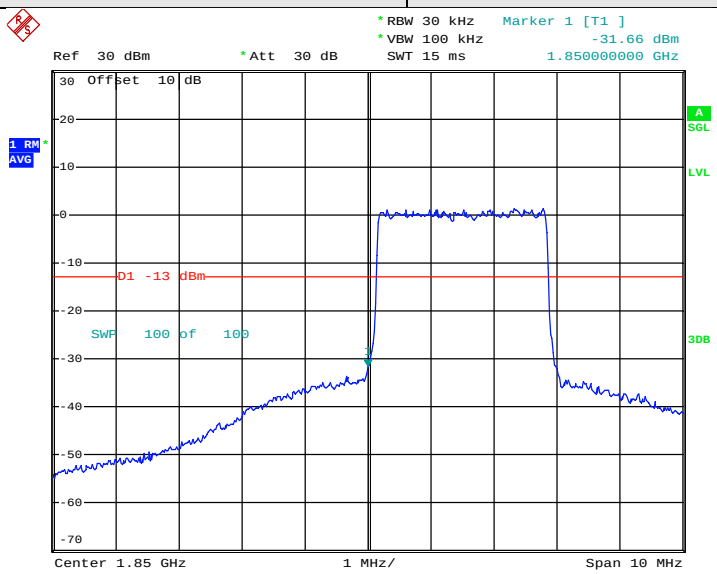
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.907 G	1.910 G	30.00 k	1.909095 G	10.95	-12.05
1.910 G	1.911 G	30.00 k	1.910008 G	-27.20	-14.20
1.911 G	1.913 G	1.00 M	1.911113 G	-15.25	-2.25

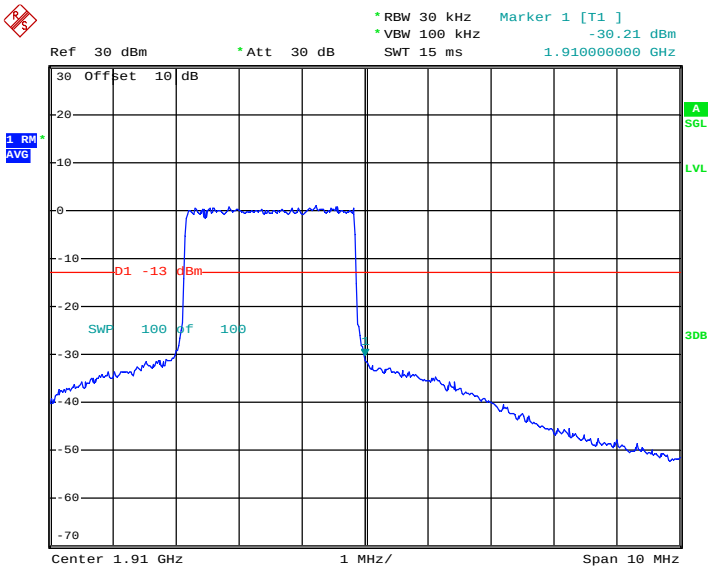
Highest channel

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



Date: 12.JAN.2015 15:15:40

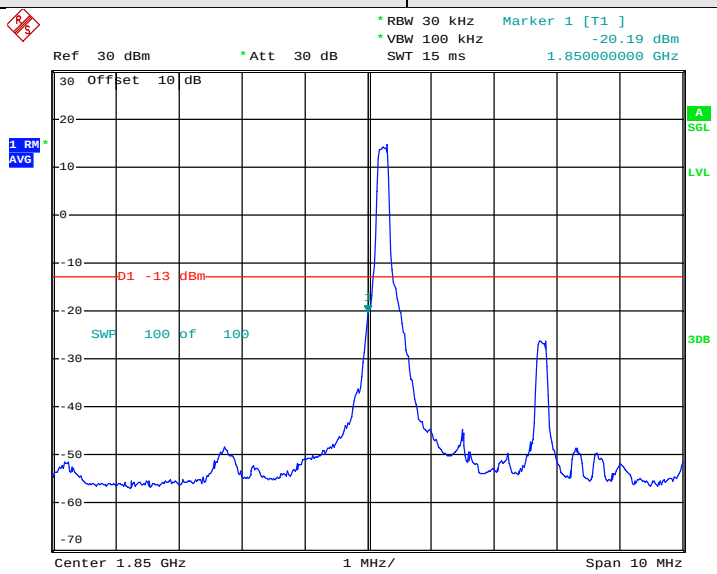
Lowest channel



Date: 12.JAN.2015 15:49:43

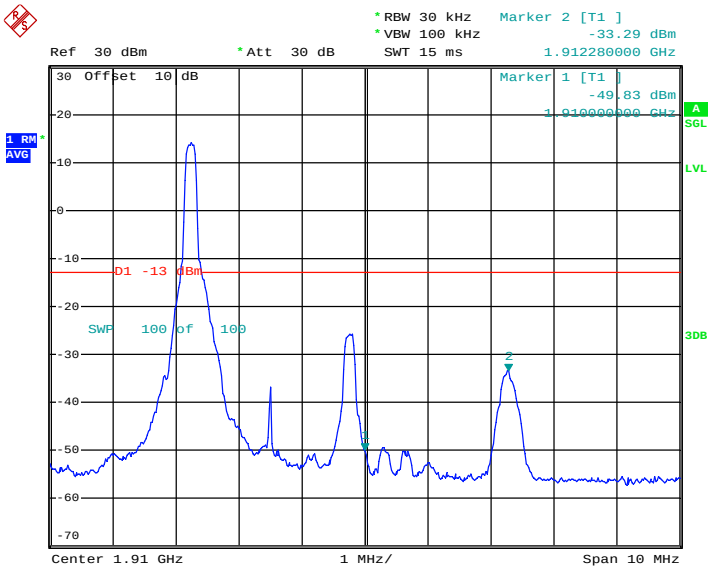
Highest channel

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

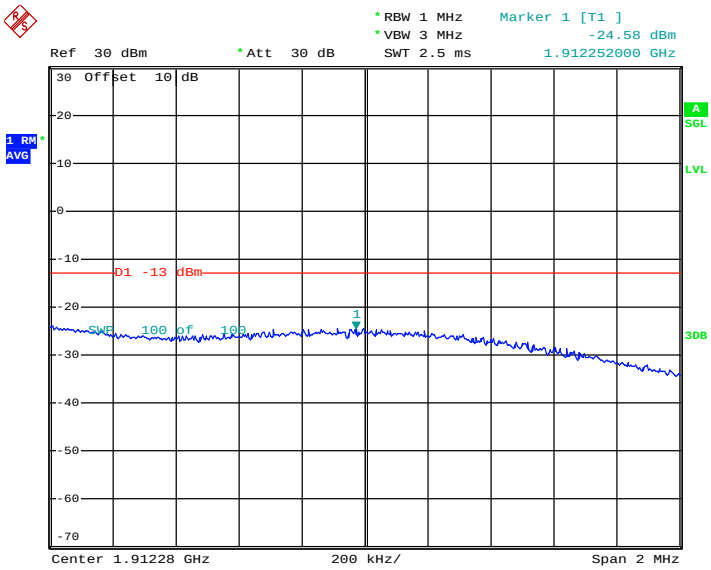


Date: 12.JAN.2015 15:09:25

Lowest channel



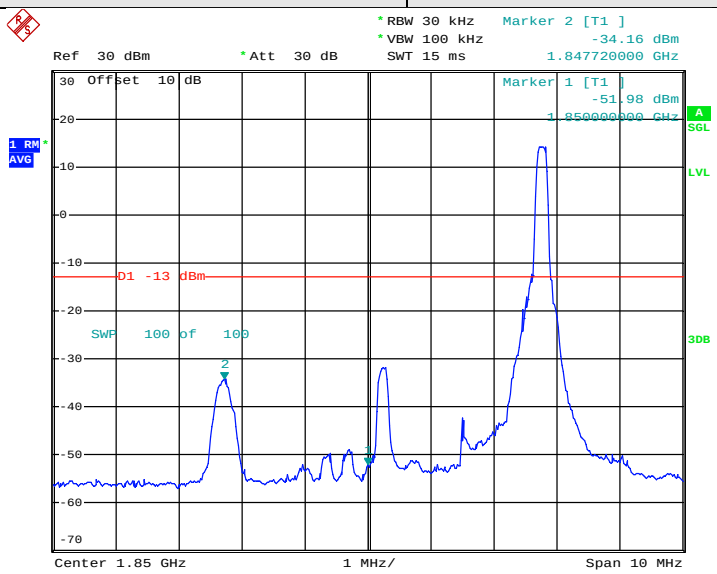
Date: 12.JAN.2015 15:45:33



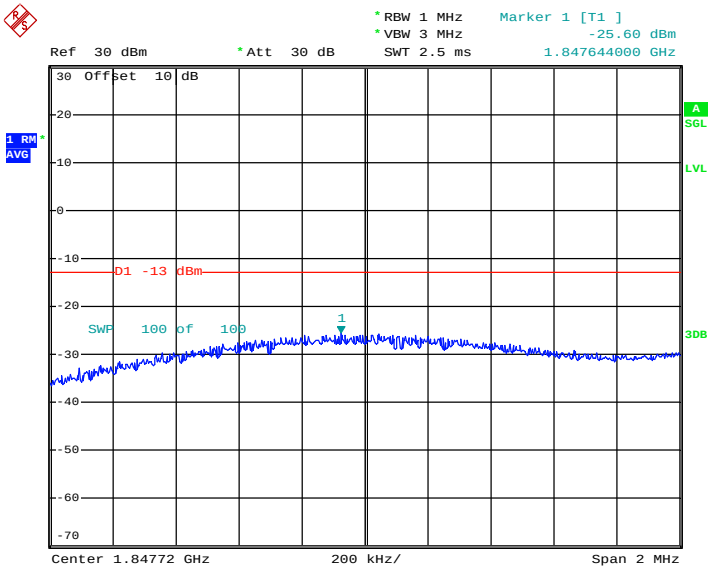
Date: 12.JAN.2015 15:46:41

Highest channel

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

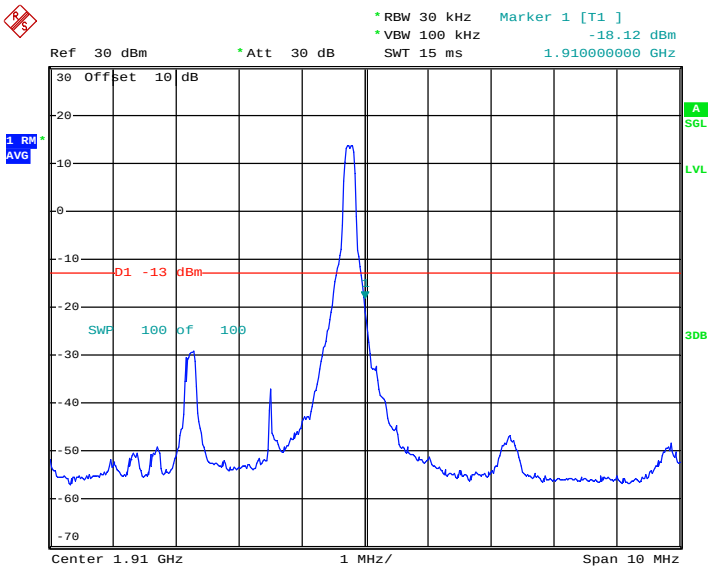


Date: 12.JAN.2015 15:12:47



Date: 12.JAN.2015 15:13:23

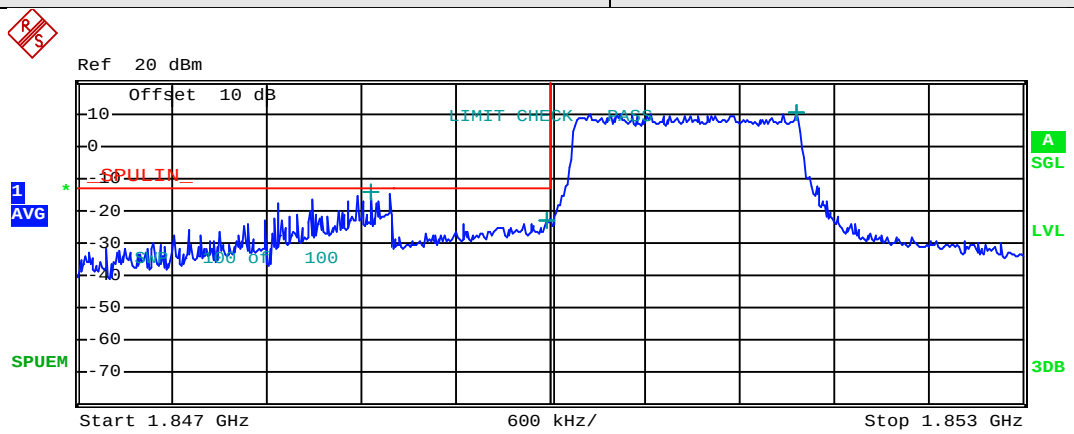
Lowest channel



Date: 12.JAN.2015 15:51:04

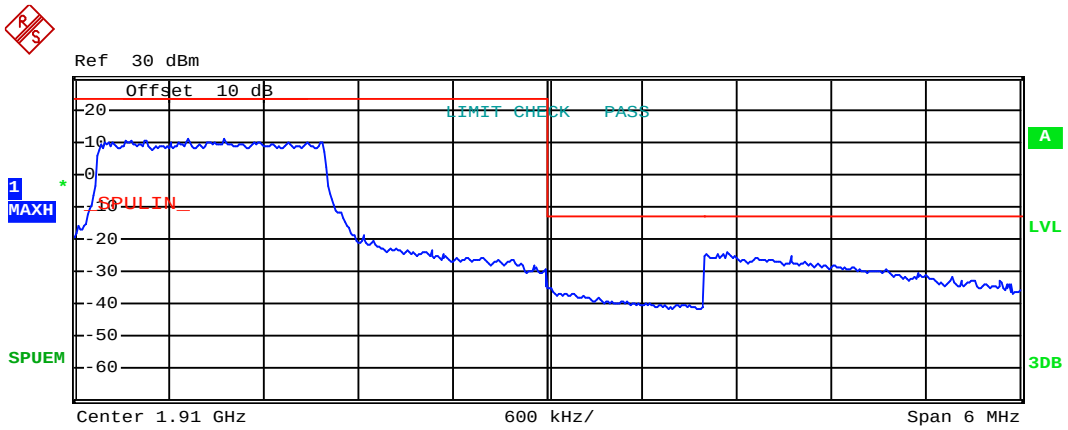
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.847 G	1.849 G	1.00 M	1.848856 G	-13.93	-0.93
1.849 G	1.850 G	30.00 k	1.849979 G	-23.26	-10.26
1.850 G	1.853 G	30.00 k	1.851563 G	10.10	-12.90

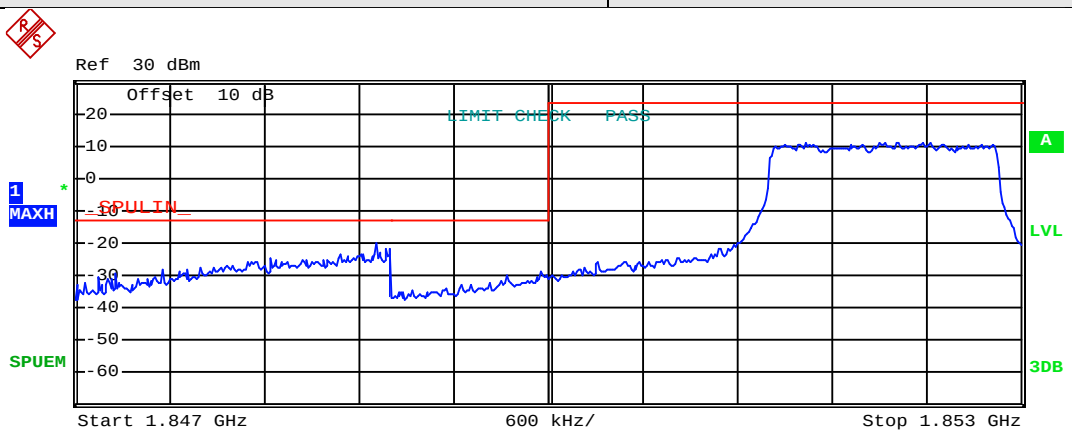
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.907 G	1.910 G	30.00 k	1.907715 G	11.11	-11.89
1.910 G	1.911 G	30.00 k	1.910016 G	-34.93	-21.93
1.911 G	1.913 G	1.00 M	1.911145 G	-24.27	-11.27

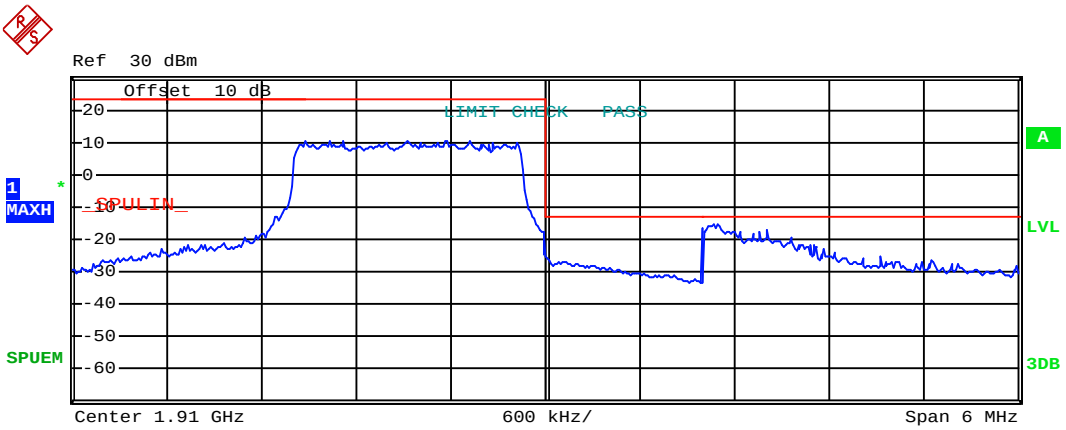
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.847 G	1.849 G	1.00 M	1.848908 G	-20.26	-7.26
1.849 G	1.850 G	30.00 k	1.849956 G	-28.69	-15.69
1.850 G	1.853 G	30.00 k	1.852102 G	11.01	-11.99

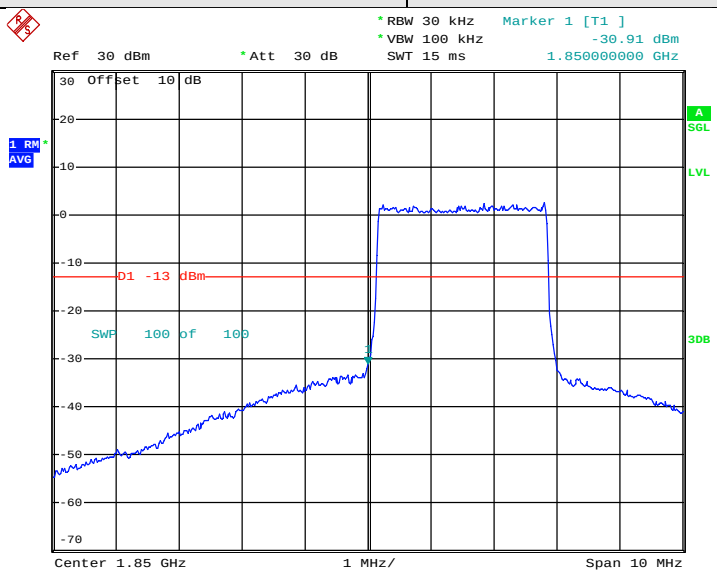
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.907 G	1.910 G	30.00 k	1.909365 G	10.60	-12.40
1.910 G	1.911 G	30.00 k	1.910008 G	-25.90	-12.90
1.911 G	1.913 G	1.00 M	1.911097 G	-15.29	-2.29

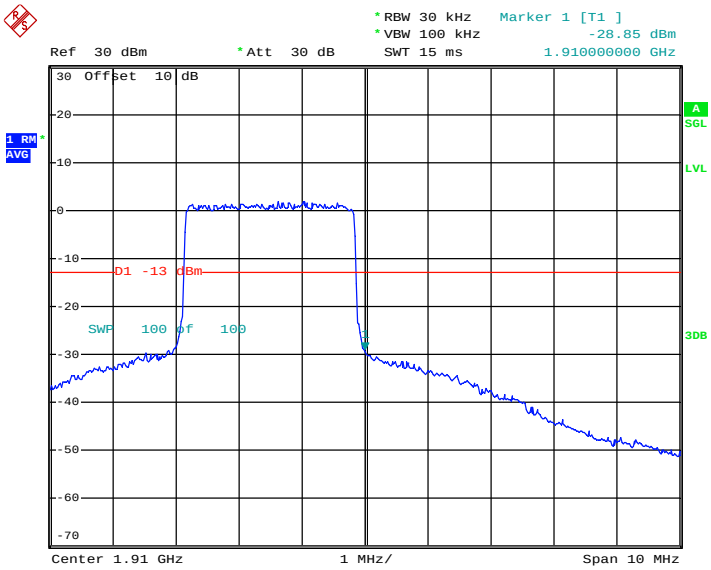
Highest channel

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



Date: 12.JAN.2015 15:15:15

Lowest channel

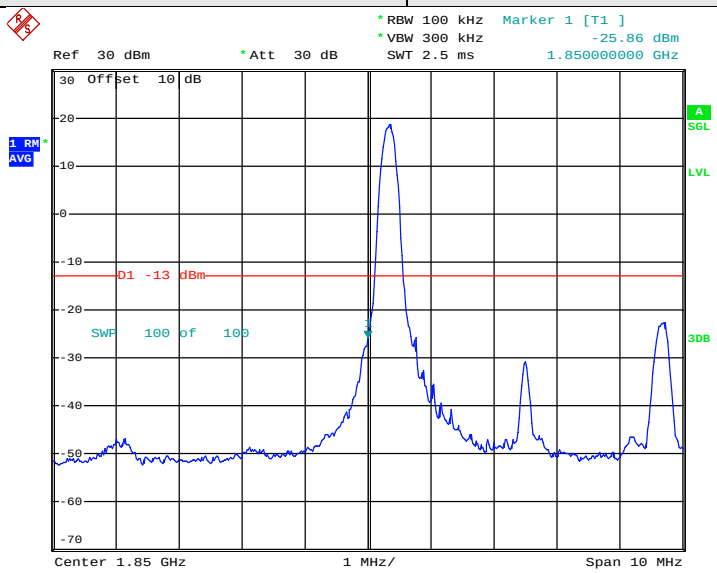


Date: 12.JAN.2015 15:50:09

Highest channel

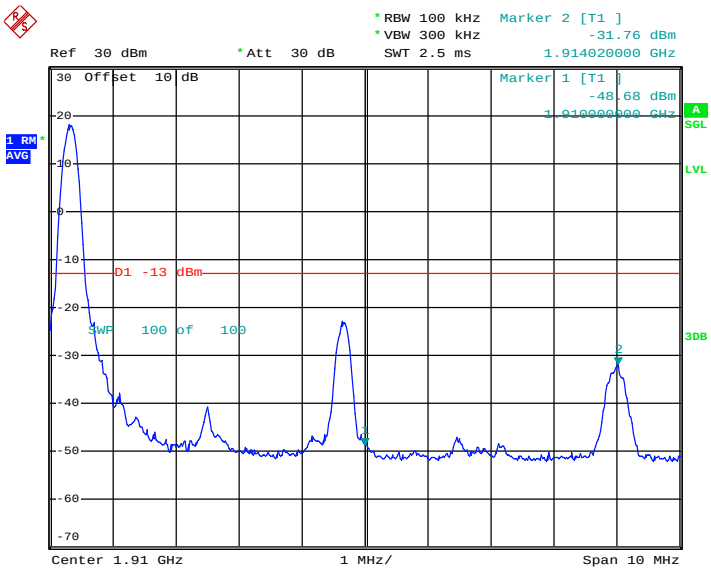
5MHz:

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

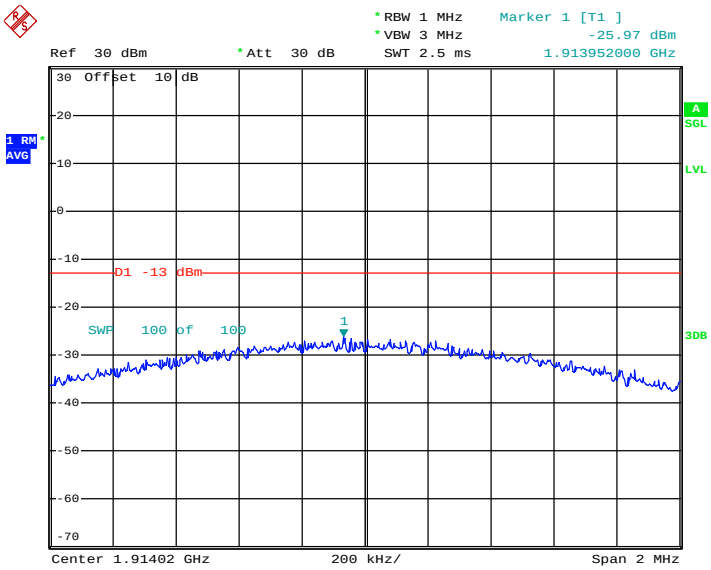


Date: 12.JAN.2015 15:59:27

Lowest channel



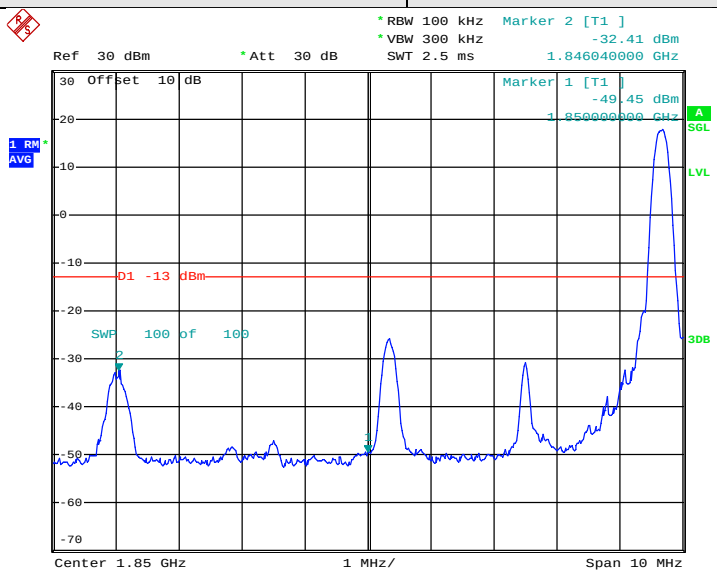
Date: 12.JAN.2015 16:21:31



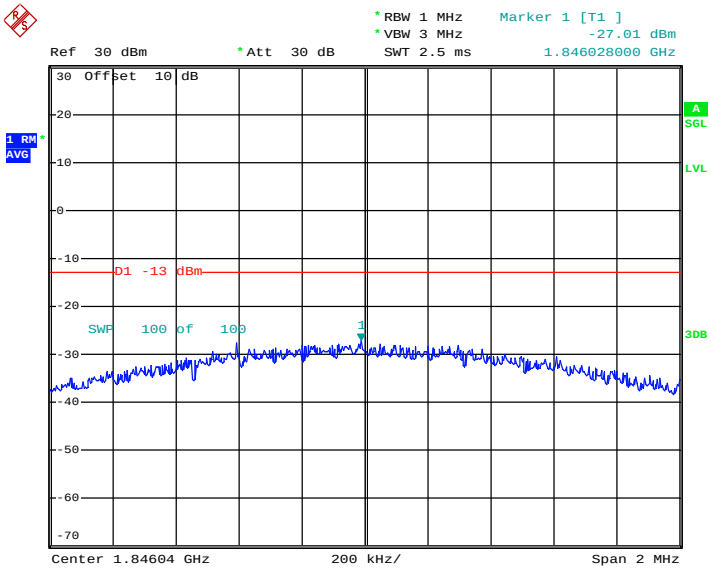
Date: 12.JAN.2015 16:22:03

Highest channel

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

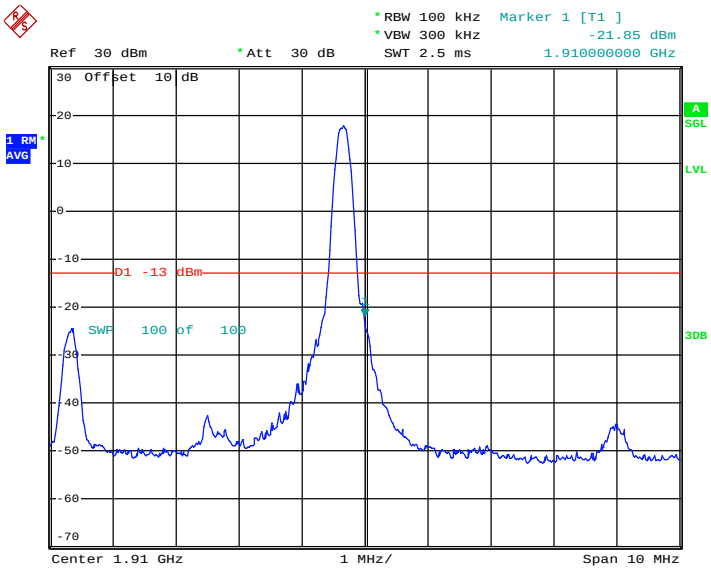


Date: 12.JAN.2015 16:00:16



Date: 12.JAN.2015 16:00:52

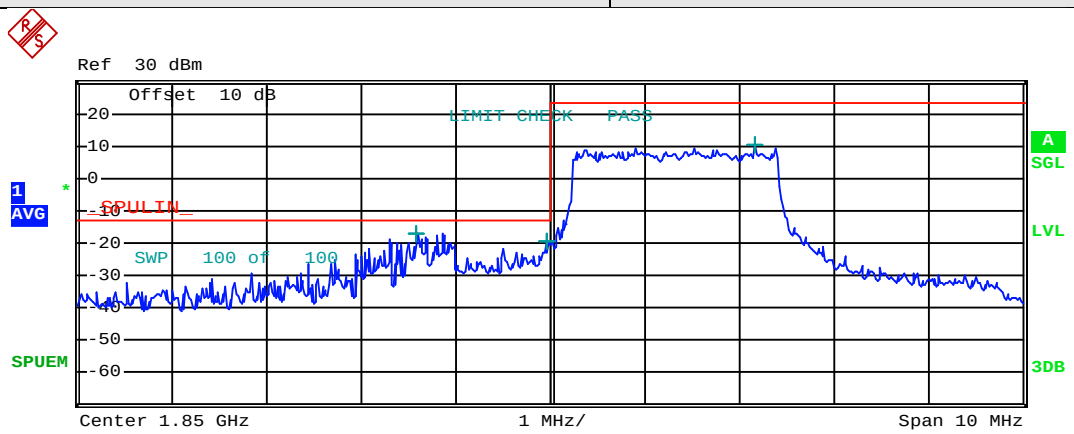
Lowest channel



Date: 12.JAN.2015 16:26:20

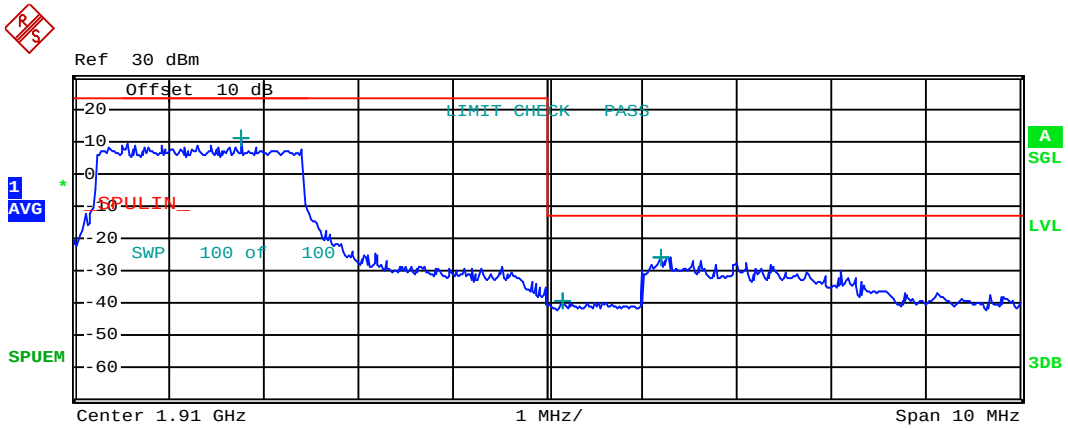
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.845 G	1.849 G	1.00 M	1.848584 G	-16.86	-3.86
1.849 G	1.850 G	50.00 k	1.849964 G	-19.19	-6.19
1.850 G	1.855 G	50.00 k	1.852166 G	10.28	-12.72

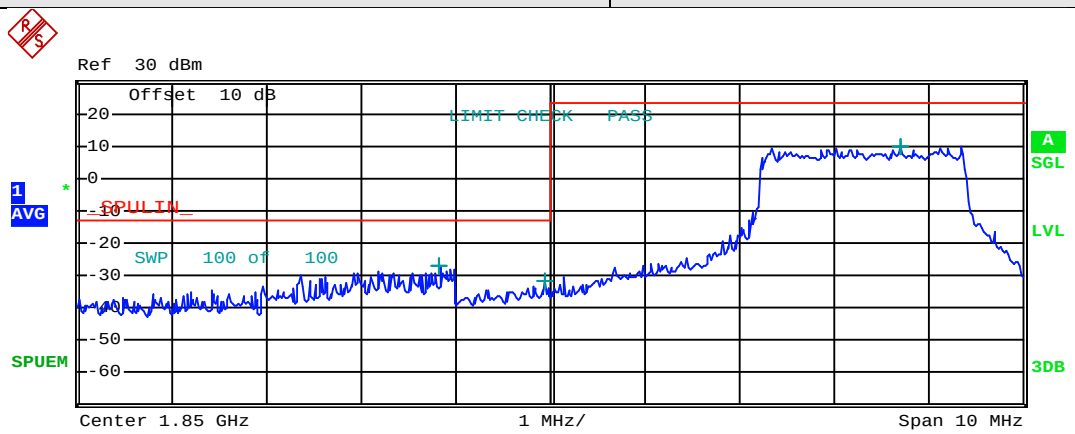
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.905 G	1.910 G	50.00 k	1.906758 G	10.74	-12.26
1.910 G	1.911 G	50.00 k	1.910169 G	-39.45	-26.45
1.911 G	1.915 G	1.00 M	1.911194 G	-25.64	-12.64

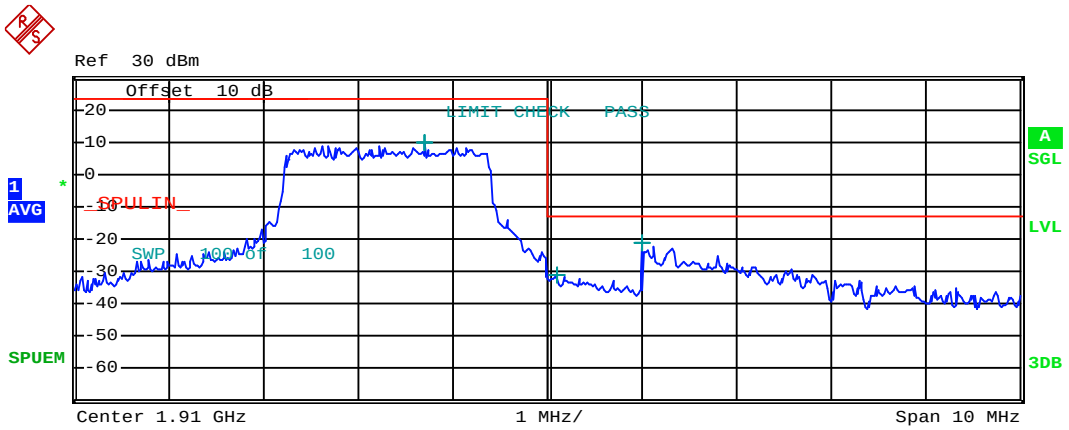
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.845 G	1.849 G	1.00 M	1.848824 G	-26.82	-13.82
1.849 G	1.850 G	50.00 k	1.849943 G	-31.54	-18.54
1.850 G	1.855 G	50.00 k	1.853691 G	9.89	-13.11

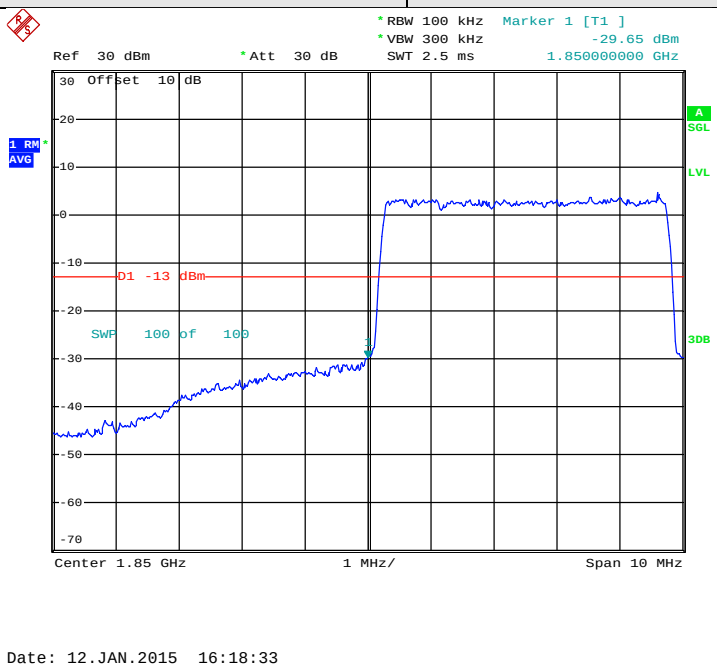
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.905 G	1.910 G	50.00 k	1.908703 G	9.73	-13.27
1.910 G	1.911 G	50.00 k	1.910105 G	-31.34	-18.34
1.911 G	1.915 G	1.00 M	1.911000 G	-21.03	-8.03

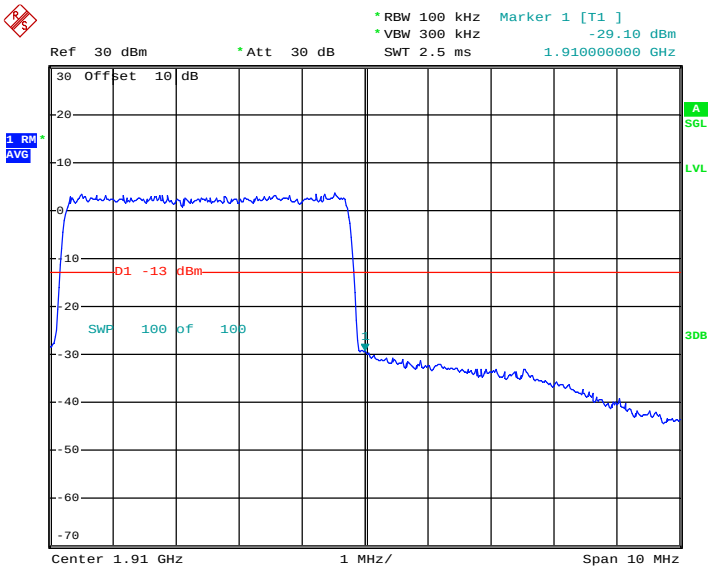
Highest channel

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



Date: 12.JAN.2015 16:18:33

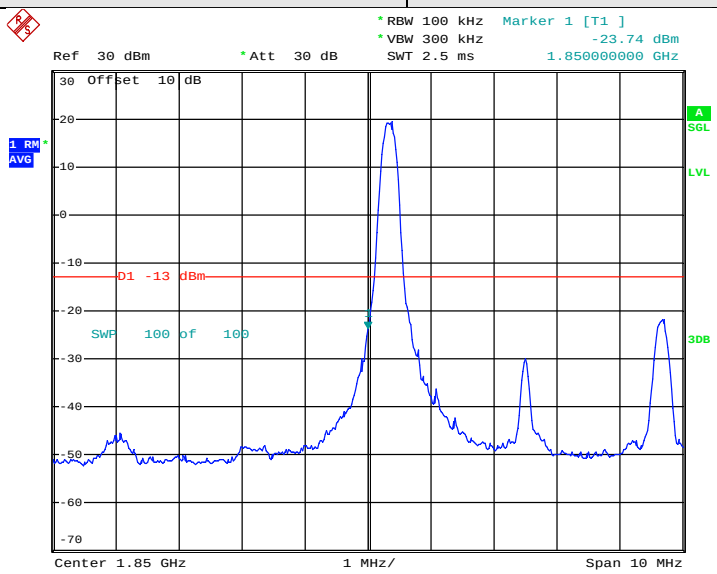
Lowest channel



Date: 12.JAN.2015 16:20:42

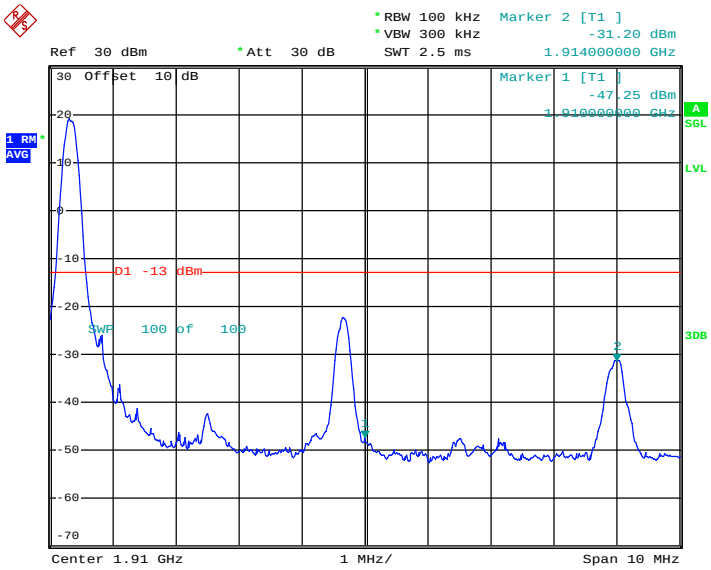
Highest channel

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

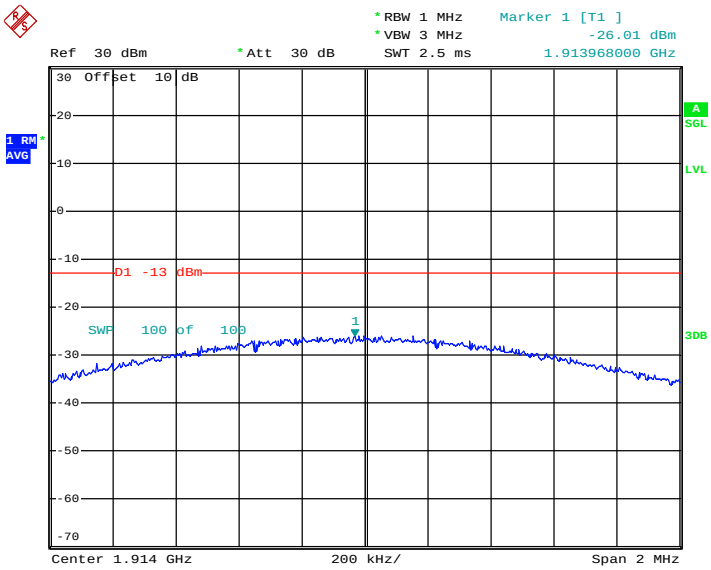


Date: 12.JAN.2015 15:58:49

Lowest channel



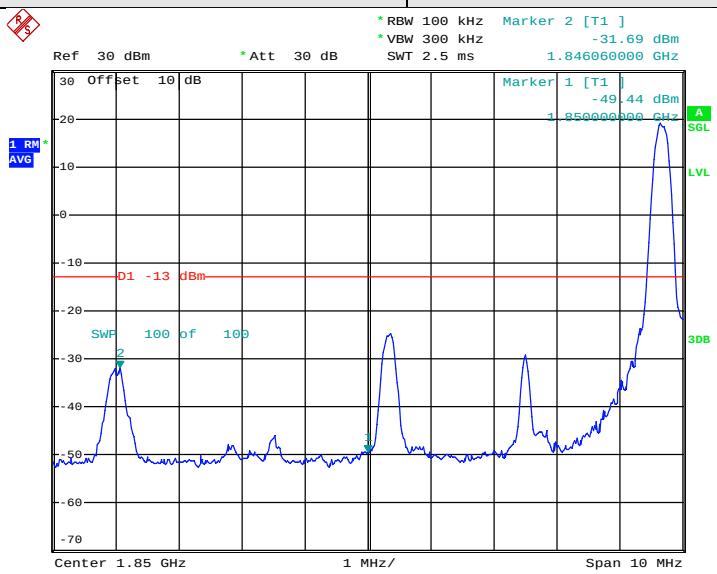
Date: 12.JAN.2015 16:23:02



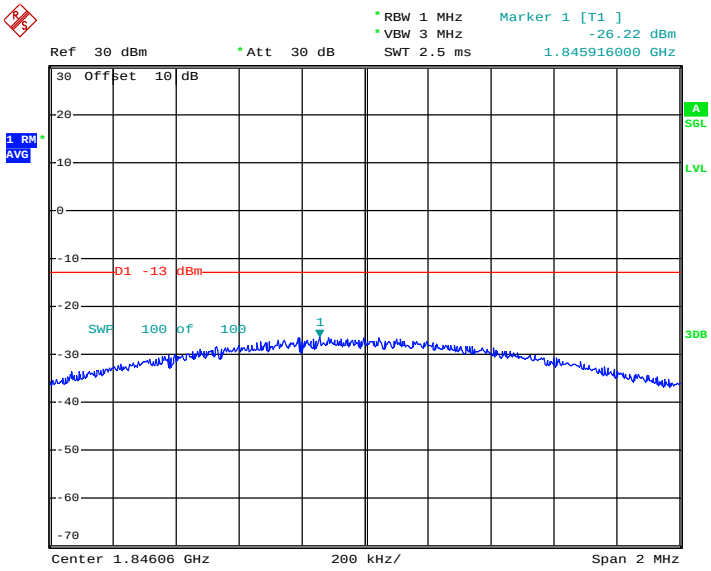
Date: 12.JAN.2015 16:23:37

Highest channel

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

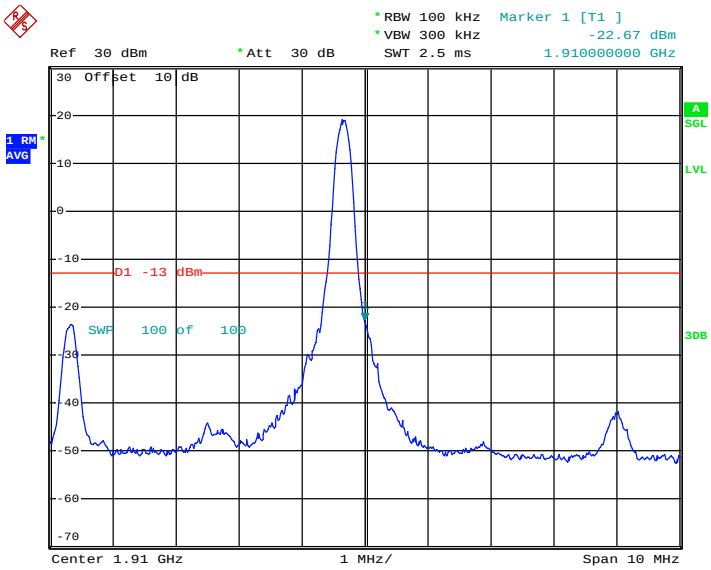


Date: 12.JAN.2015 16:01:48



Date: 12.JAN.2015 16:02:23

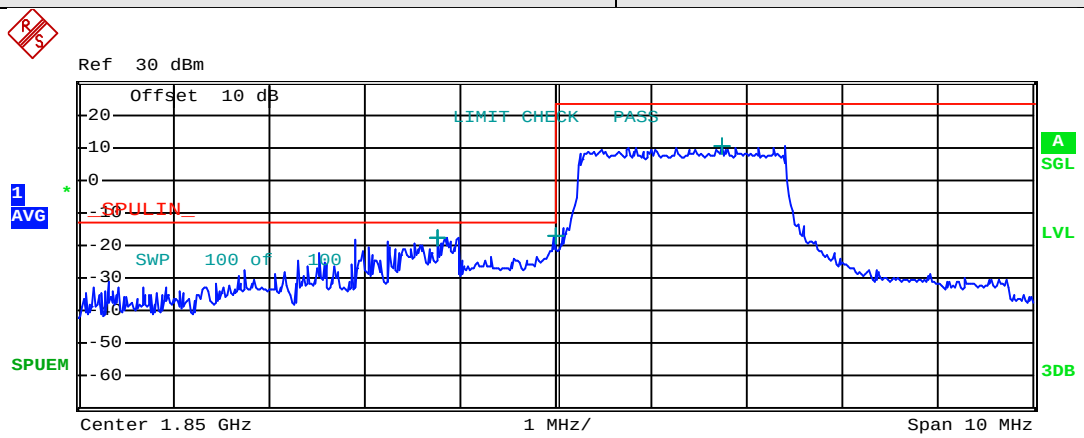
Lowest channel



Date: 12.JAN.2015 16:25:43

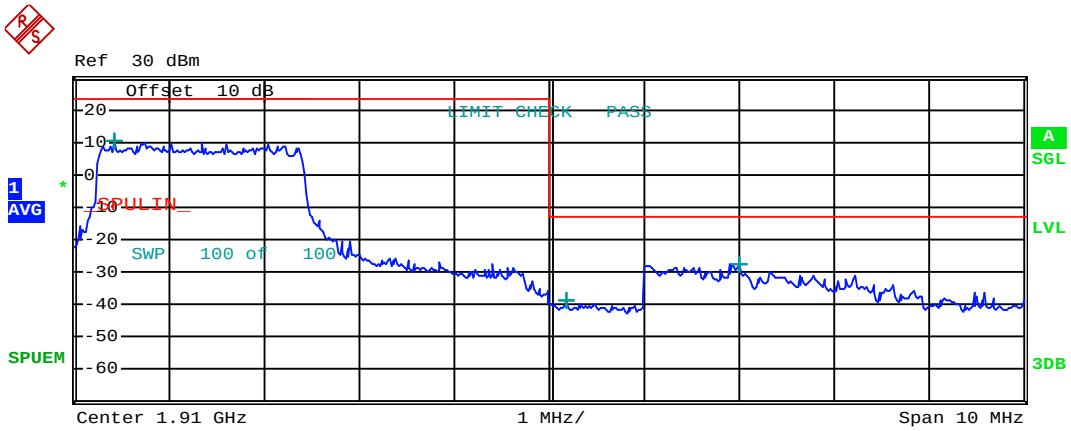
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.845 G	1.849 G	1.00 M	1.848752 G	-17.47	-4.47
1.849 G	1.850 G	50.00 k	1.849995 G	-17.13	-4.13
1.850 G	1.855 G	50.00 k	1.851735 G	10.60	-12.40

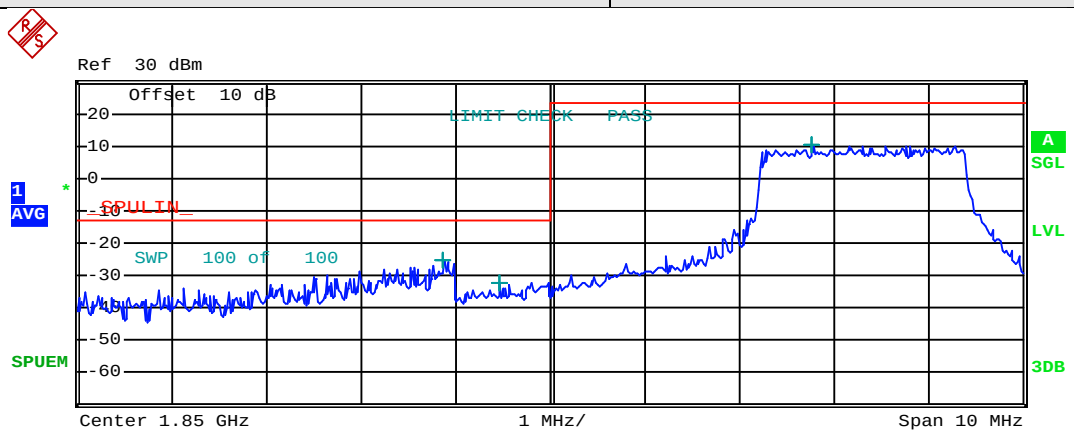
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.905 G	1.910 G	50.00 k	1.905413 G	10.12	-12.88
1.910 G	1.911 G	50.00 k	1.910177 G	-38.91	-25.91
1.911 G	1.915 G	1.00 M	1.912000 G	-27.55	-14.55

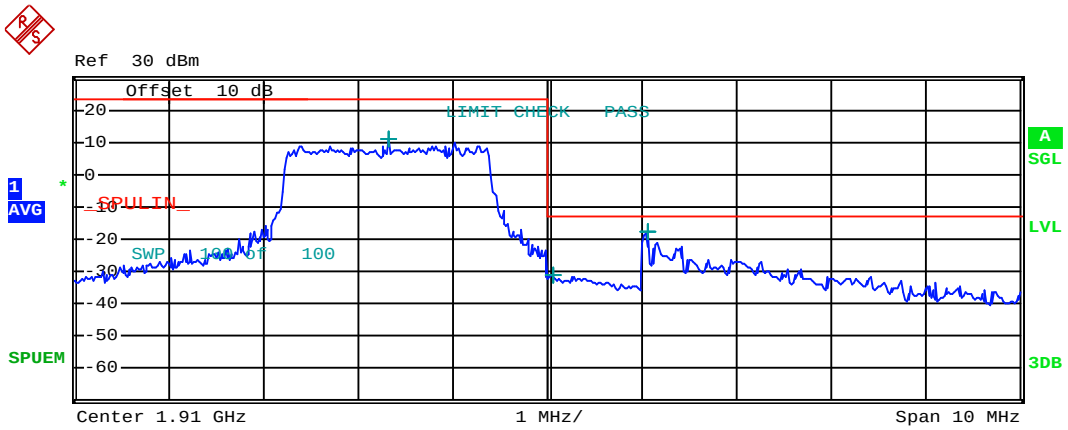
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.845 G	1.849 G	1.00 M	1.848864 G	-25.51	-12.51
1.849 G	1.850 G	50.00 k	1.849468 G	-32.42	-19.42
1.850 G	1.855 G	50.00 k	1.852757 G	10.42	-12.58

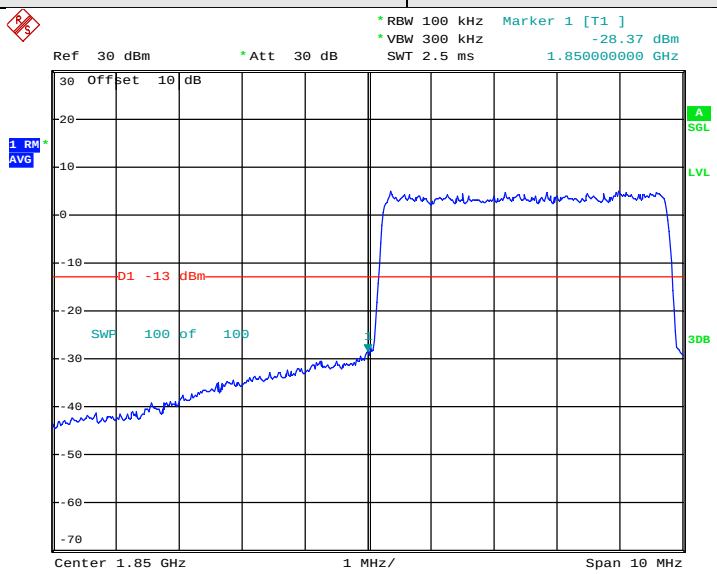
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.905 G	1.910 G	50.00 k	1.908314 G	11.24	-11.76
1.910 G	1.911 G	50.00 k	1.910056 G	-31.14	-18.14
1.911 G	1.915 G	1.00 M	1.911065 G	-17.55	-4.55

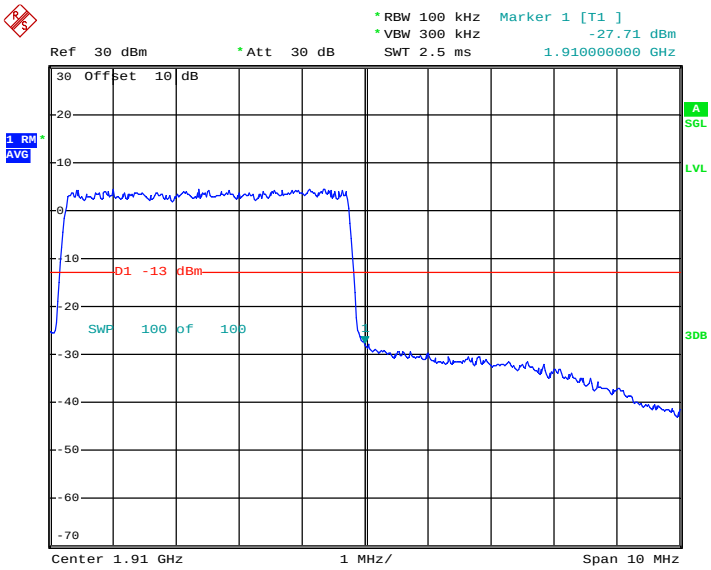
Highest channel

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



Date: 12.JAN.2015 16:18:58

Lowest channel

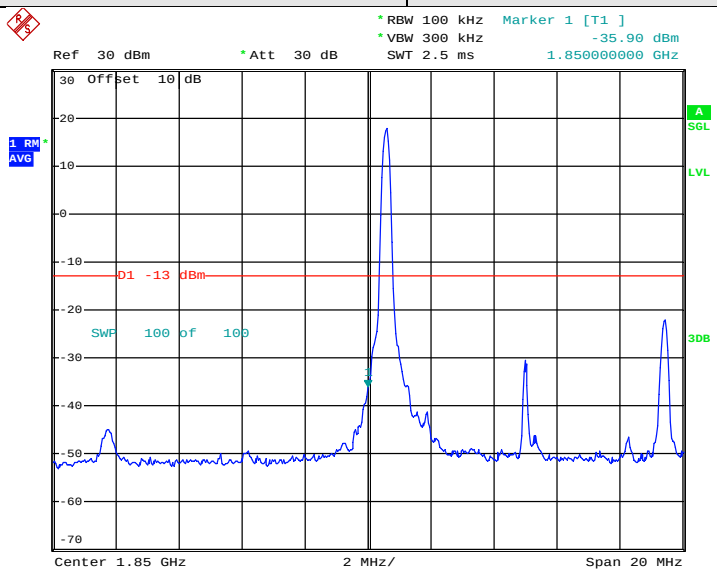


Date: 12.JAN.2015 16:20:19

Highest channel

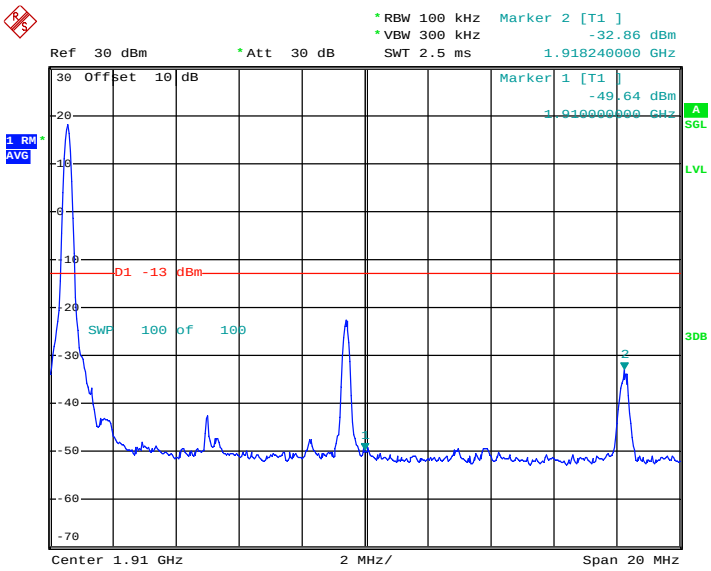
10MHz:

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

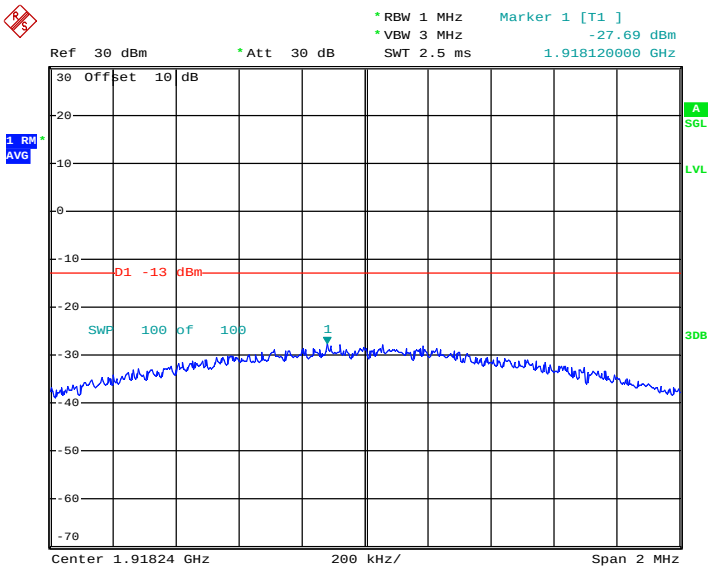


Date: 12.JAN.2015 16:28:53

Lowest channel



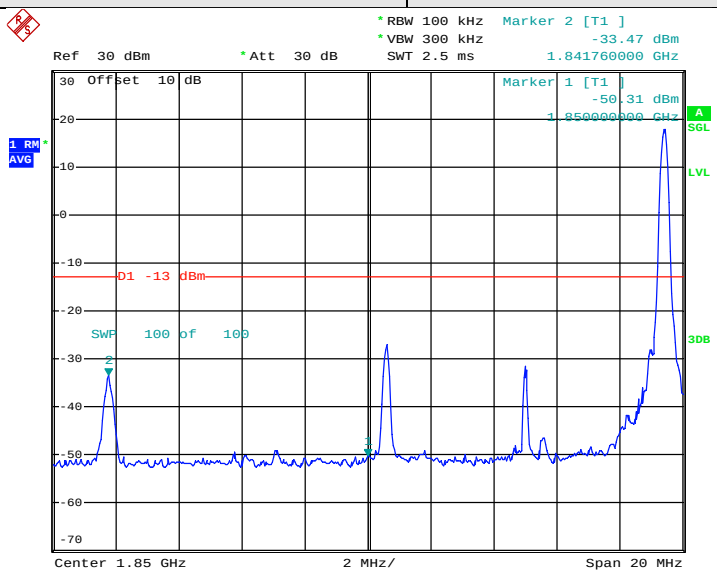
Date: 12.JAN.2015 16:37:15



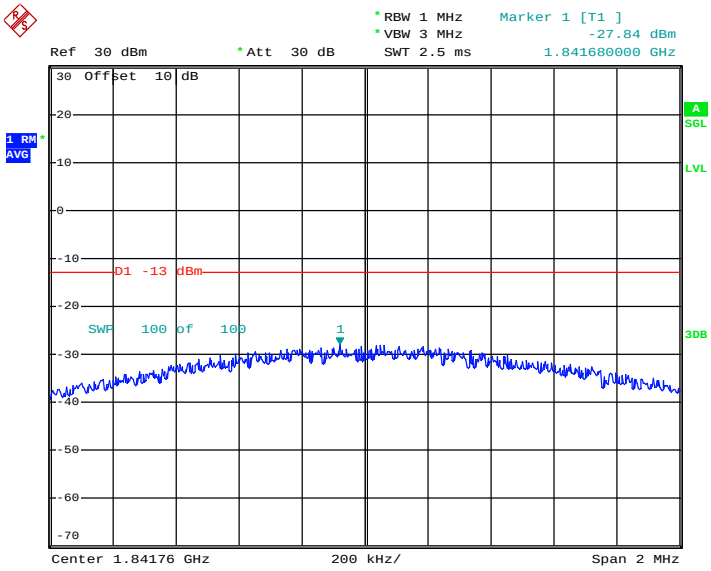
Date: 12.JAN.2015 16:38:08

Highest channel

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

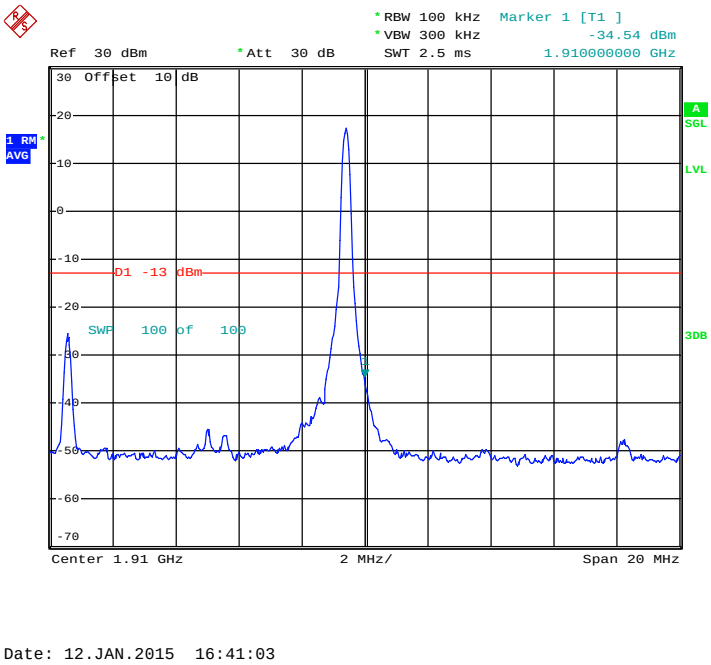


Date: 12.JAN.2015 16:32:14



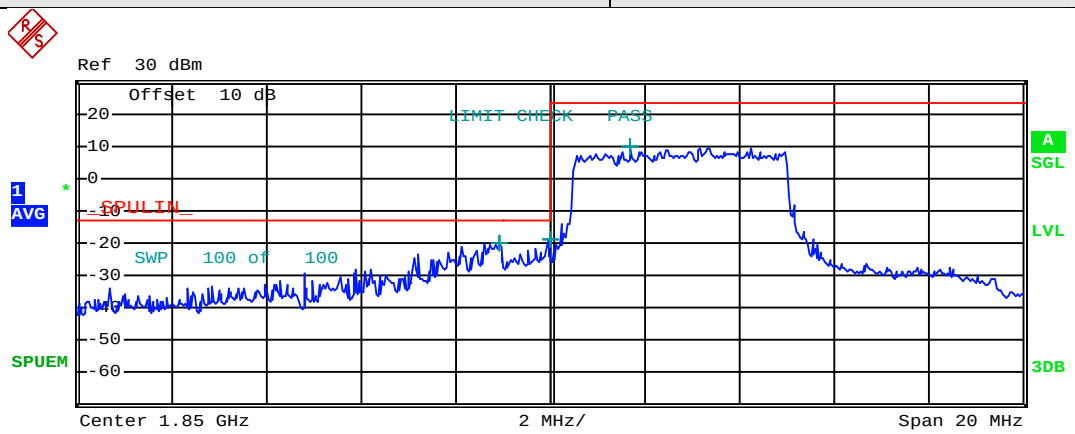
Date: 12.JAN.2015 16:32:56

Lowest channel



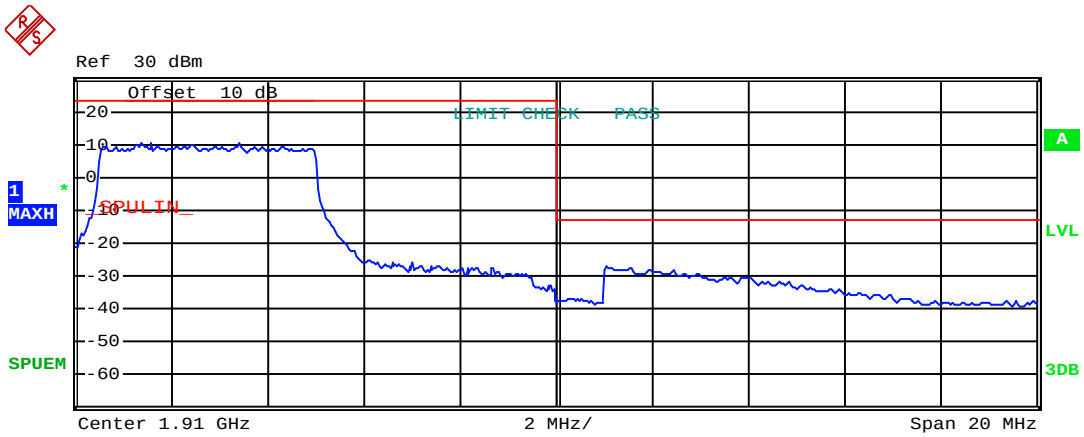
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.840 G	1.849 G	1.00 M	1.848910 G	-19.98	-6.98
1.849 G	1.850 G	100.00 k	1.849981 G	-19.09	-6.09
1.850 G	1.860 G	100.00 k	1.851663 G	10.05	-12.95

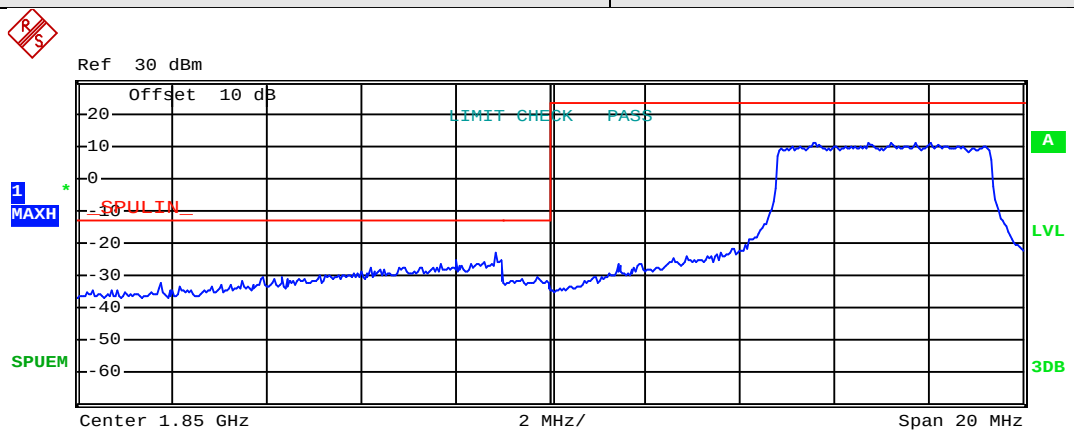
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.900 G	1.910 G	100.00 k	1.901560 G	10.62	-12.38
1.910 G	1.911 G	100.00 k	1.910016 G	-36.85	-23.85
1.911 G	1.920 G	1.00 M	1.911073 G	-27.23	-14.23

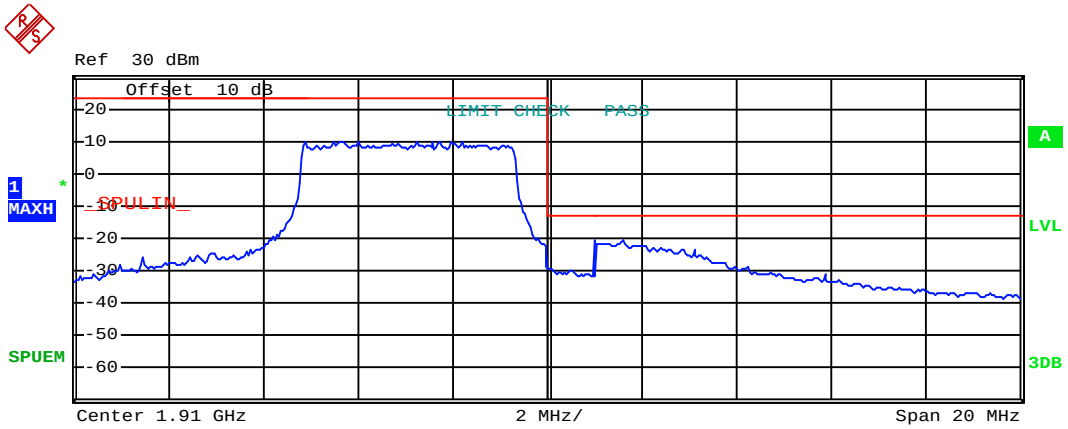
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.840 G	1.849 G	1.00 M	1.848820 G	-23.13	-10.13
1.849 G	1.850 G	100.00 k	1.849729 G	-30.76	-17.76
1.850 G	1.860 G	100.00 k	1.857219 G	11.15	-11.85

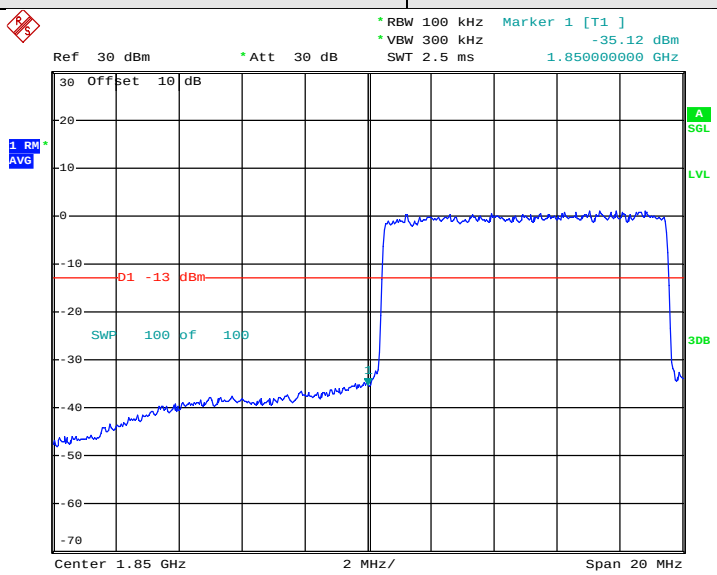
Lowest channel



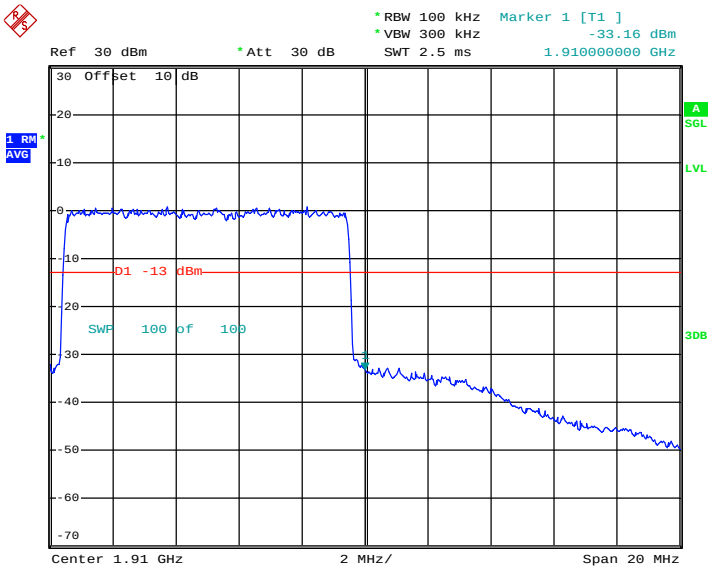
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.900 G	1.910 G	100.00 k	1.905696 G	9.99	-13.01
1.910 G	1.911 G	100.00 k	1.910073 G	-29.19	-16.19
1.911 G	1.920 G	1.00 M	1.911581 G	-20.41	-7.41

Highest channel

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

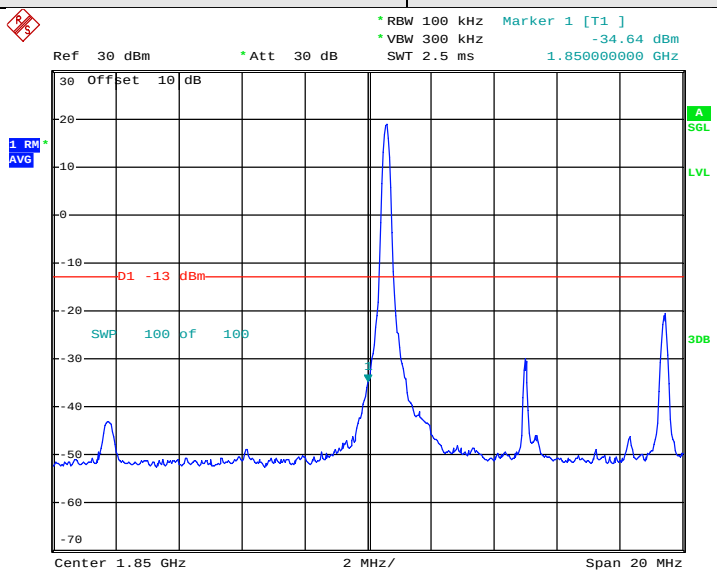


Lowest channel



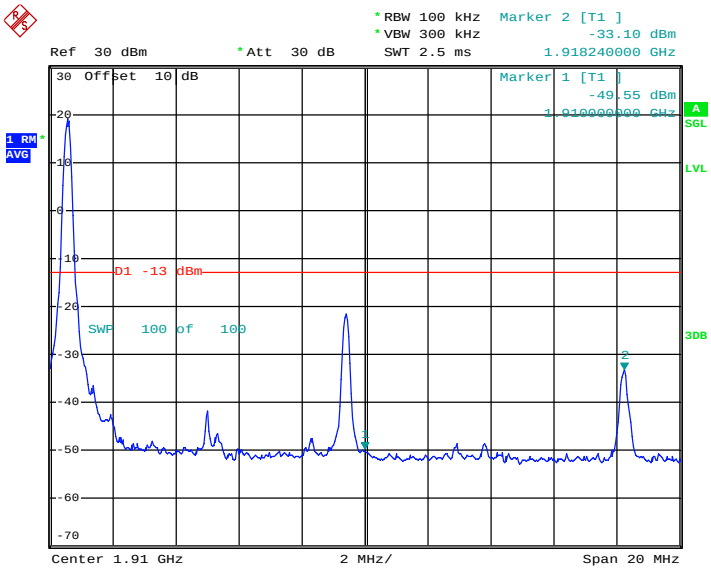
Highest channel

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

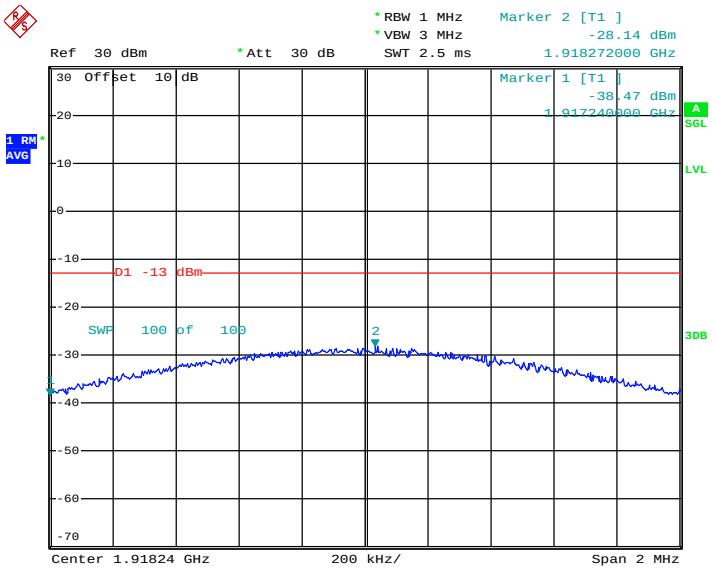


Date: 12.JAN.2015 16:29:23

Lowest channel



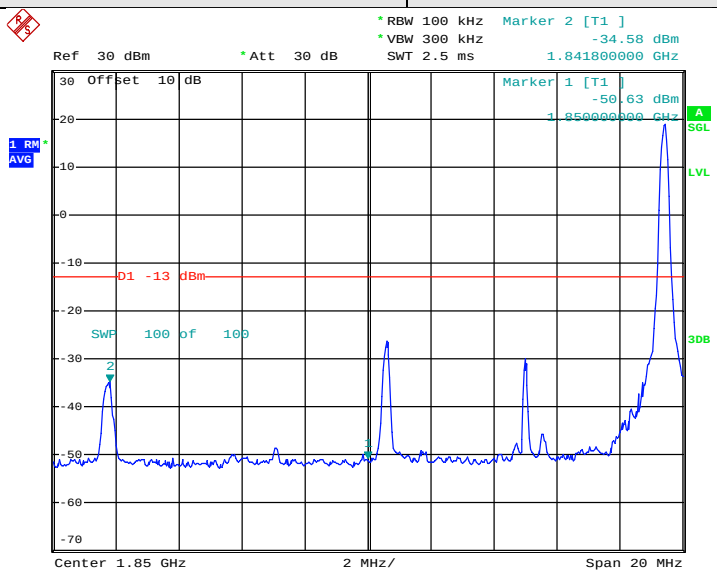
Date: 12.JAN.2015 16:39:04



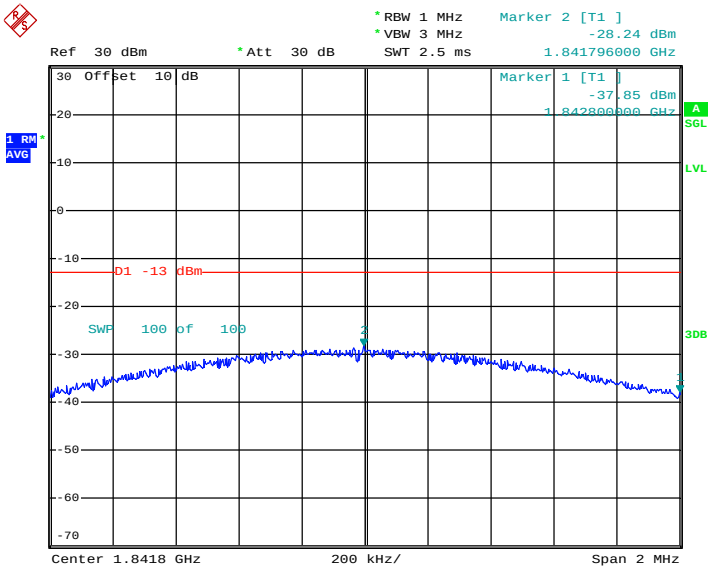
Date: 12.JAN.2015 16:39:38

Highest channel

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

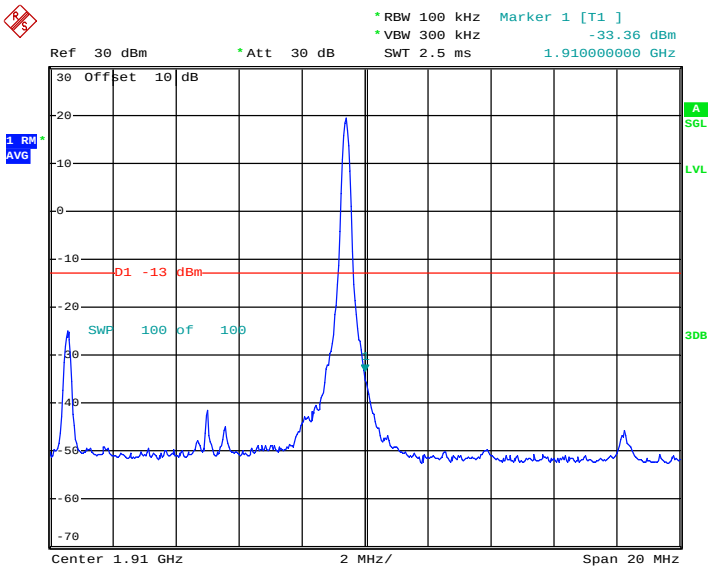


Date: 12.JAN.2015 16:30:03



Date: 12.JAN.2015 16:30:30

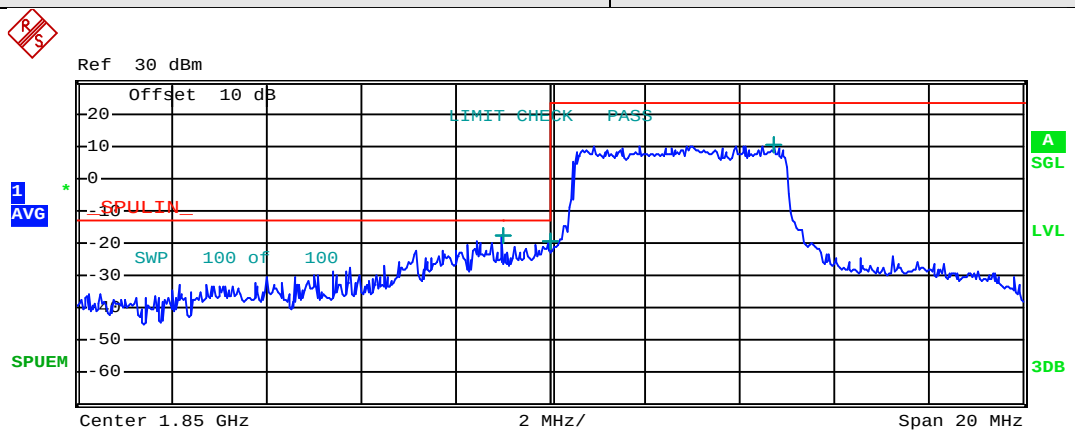
Lowest channel



Date: 12.JAN.2015 16:40:38

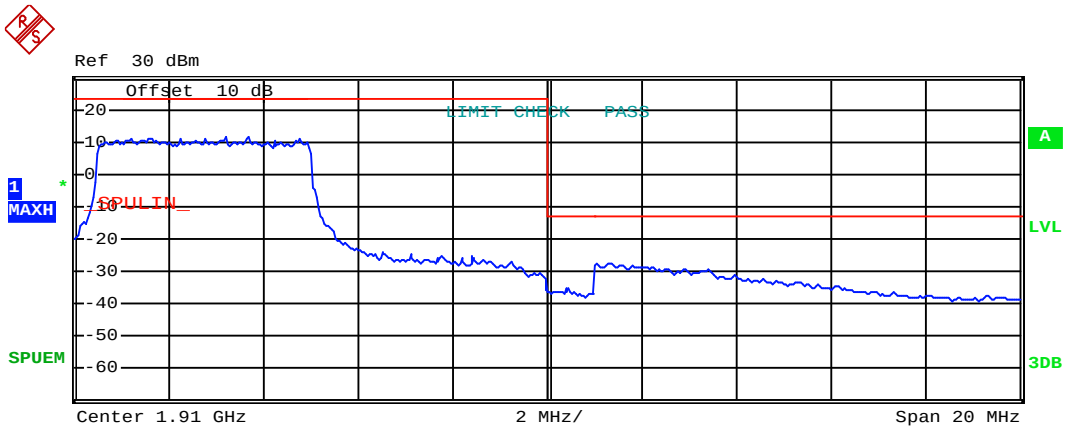
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.840 G	1.849 G	1.00 M	1.849000 G	-17.95	-4.95
1.849 G	1.850 G	100.00 k	1.849994 G	-19.34	-6.34
1.850 G	1.860 G	100.00 k	1.854708 G	10.32	-12.68

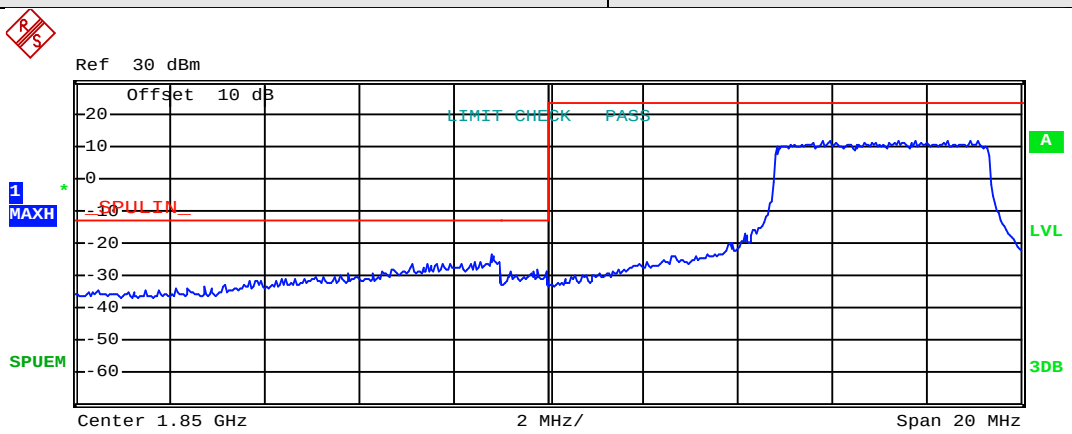
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.900 G	1.910 G	100.00 k	1.903670 G	11.43	-11.57
1.910 G	1.911 G	100.00 k	1.910452 G	-35.27	-22.27
1.911 G	1.920 G	1.00 M	1.911363 G	-27.49	-14.49

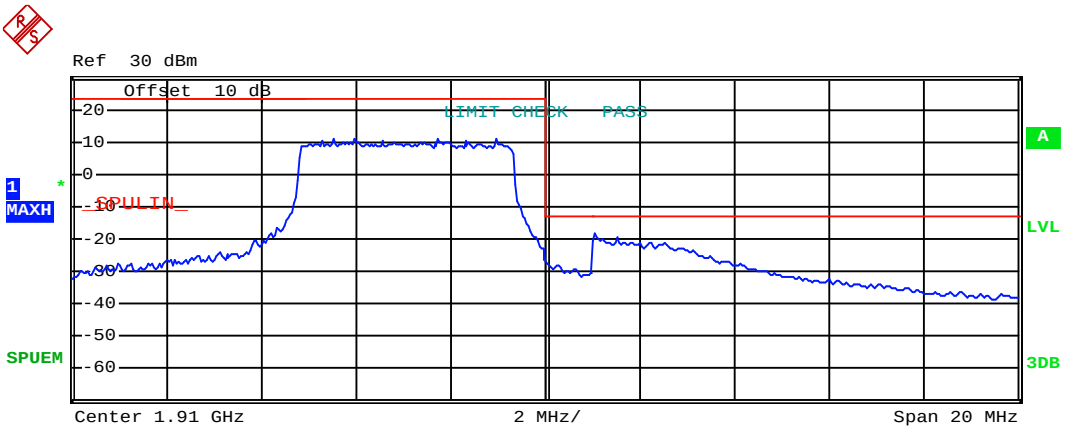
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.840 G	1.849 G	1.00 M	1.848766 G	-23.67	-10.67
1.849 G	1.850 G	100.00 k	1.849780 G	-27.90	-14.90
1.850 G	1.860 G	100.00 k	1.857746 G	11.73	-11.27

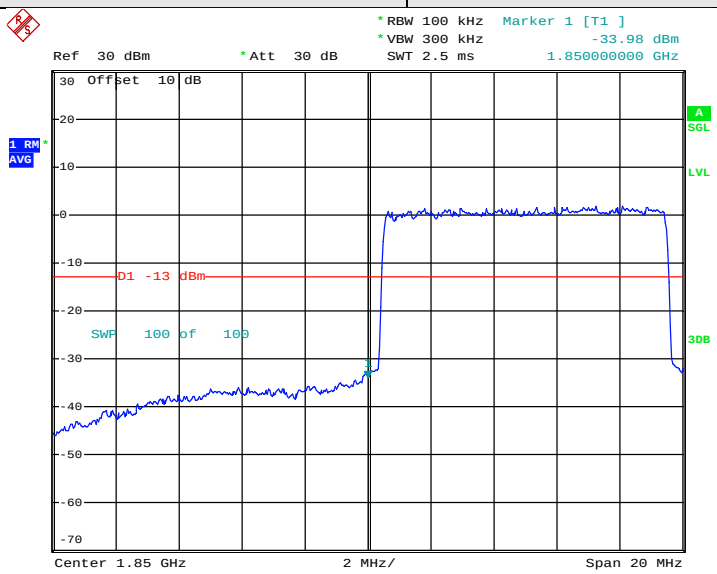
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.900 G	1.910 G	100.00 k	1.908941 G	10.92	-12.08
1.910 G	1.911 G	100.00 k	1.910040 G	-27.52	-14.52
1.911 G	1.920 G	1.00 M	1.911073 G	-18.27	-5.27

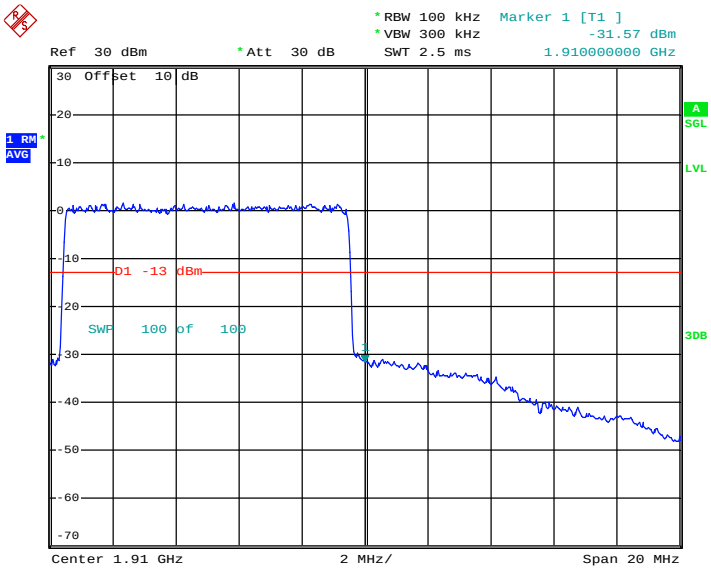
Highest channel

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



Date: 12.JAN.2015 16:34:44

Lowest channel

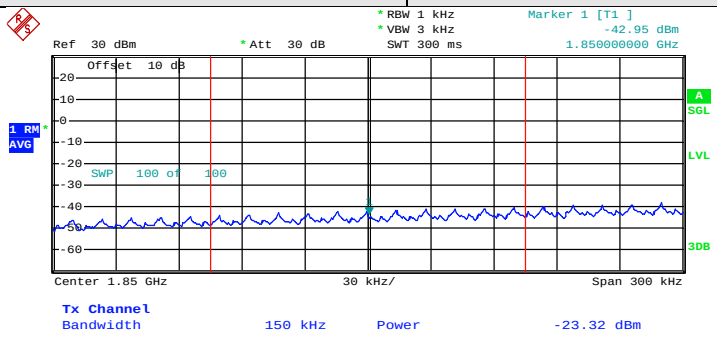


Date: 12.JAN.2015 16:35:34

Highest channel

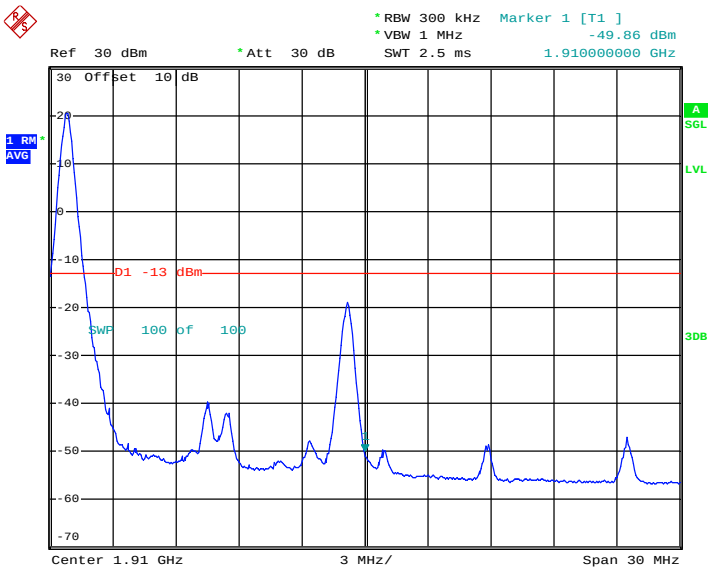
15MHz:

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



Date: 12.JAN.2015 17:04:39

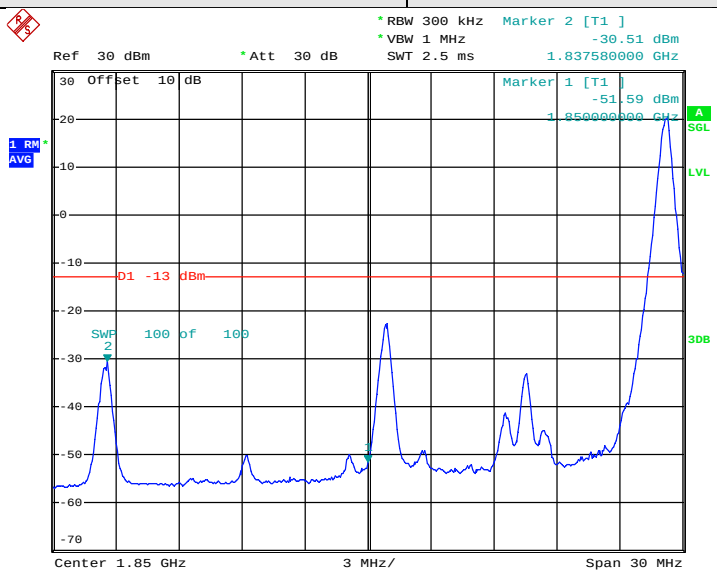
Lowest channel



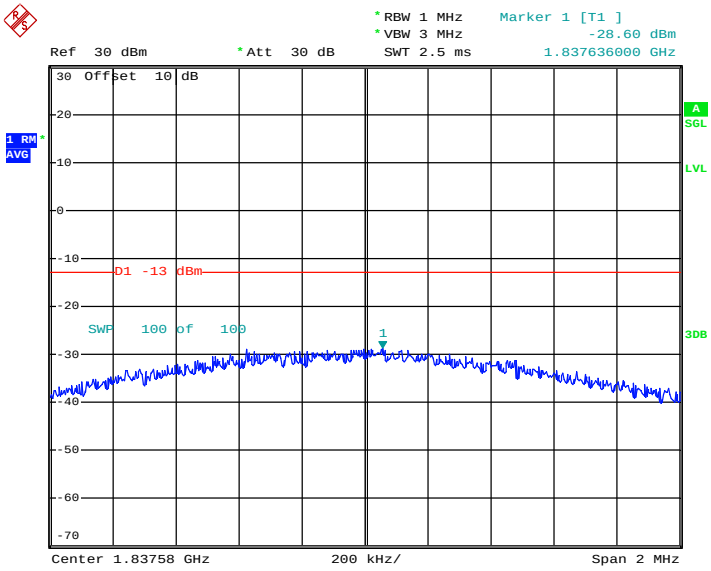
Date: 12.JAN.2015 17:18:04

Highest channel

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

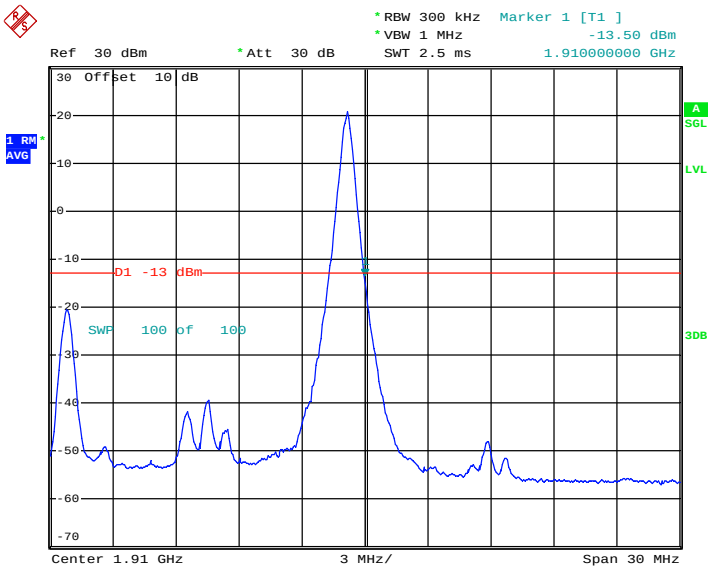


Date: 12.JAN.2015 17:08:26



Date: 12.JAN.2015 17:10:15

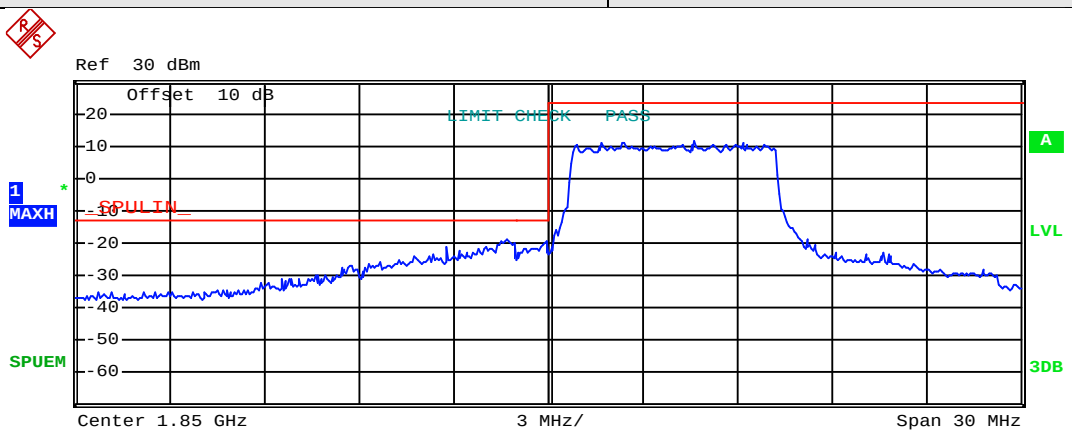
Lowest channel



Date: 12.JAN.2015 17:18:43

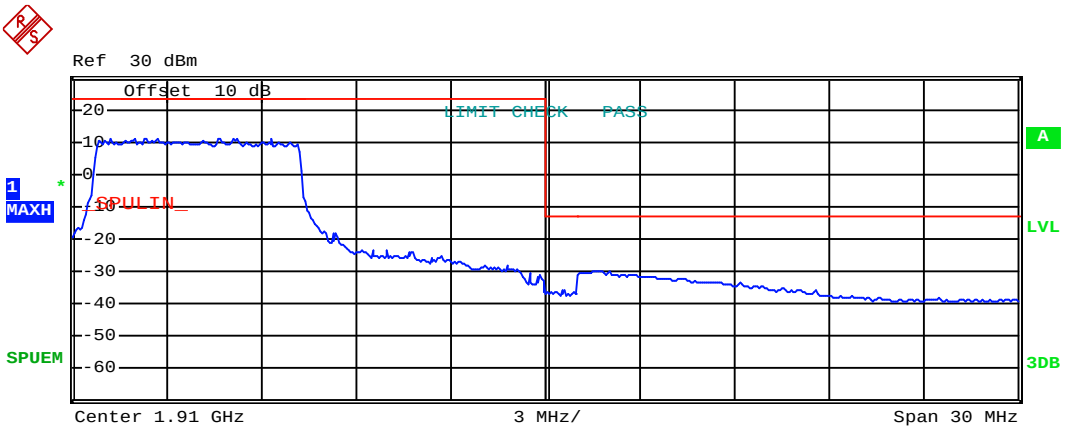
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.835 G	1.849 G	1.00 M	1.848664 G	-19.05	-6.05
1.849 G	1.850 G	150.00 k	1.849984 G	-19.61	-6.61
1.850 G	1.865 G	150.00 k	1.854614 G	11.32	-11.68

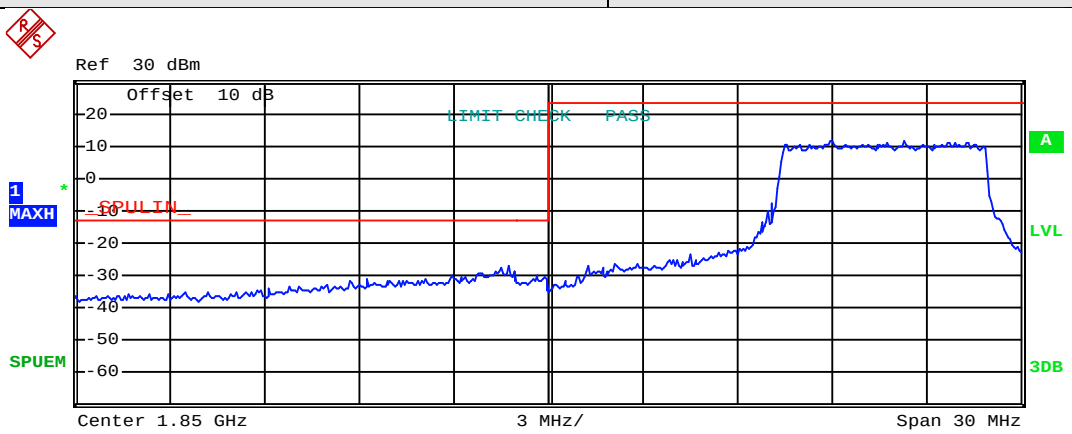
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.895 G	1.910 G	150.00 k	1.899682 G	11.19	-11.81
1.910 G	1.911 G	150.00 k	1.910532 G	-35.77	-22.77
1.911 G	1.925 G	1.00 M	1.911677 G	-29.66	-16.66

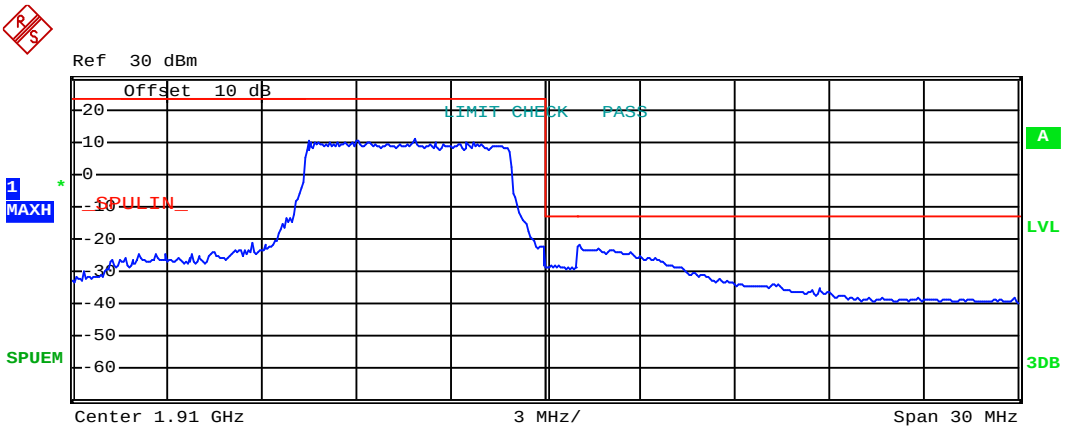
Highest channel

Test Mode:	LTE band 2(16QAM RB Size 36 & RB Offset 37)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.835 G	1.849 G	1.00 M	1.848720 G	-27.00	-14.00
1.849 G	1.850 G	150.00 k	1.849638 G	-29.69	-16.69
1.850 G	1.865 G	150.00 k	1.861289 G	11.60	-11.40

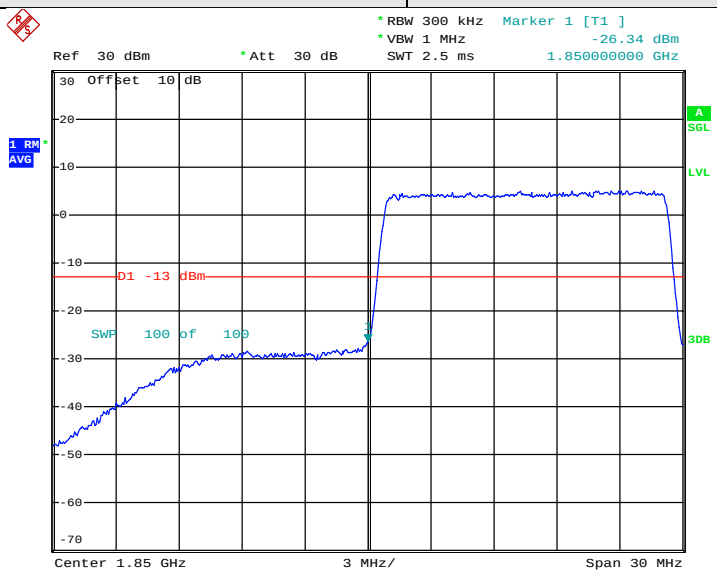
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.895 G	1.910 G	150.00 k	1.905879 G	11.03	-11.97
1.910 G	1.911 G	150.00 k	1.910411 G	-28.02	-15.02
1.911 G	1.925 G	1.00 M	1.911113 G	-21.74	-8.74

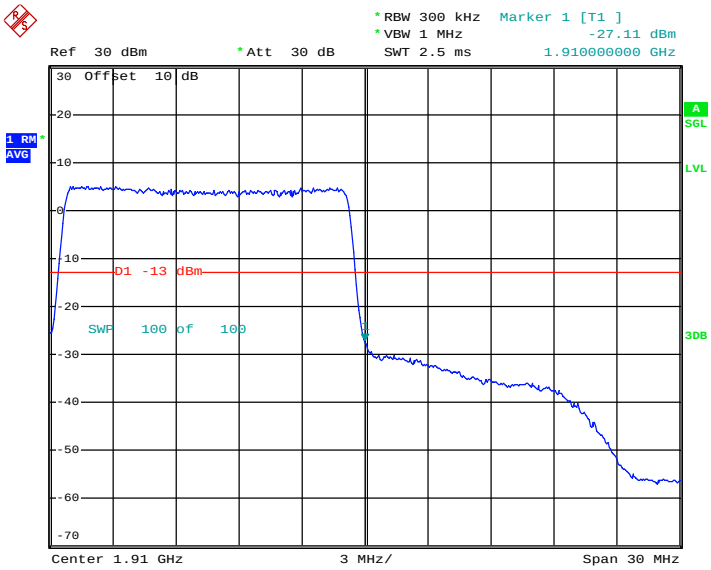
Highest channel

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



Date: 12.JAN.2015 17:14:32

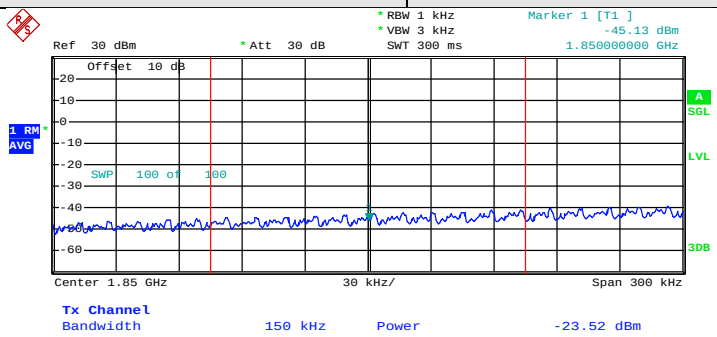
Lowest channel



Date: 12.JAN.2015 17:15:25

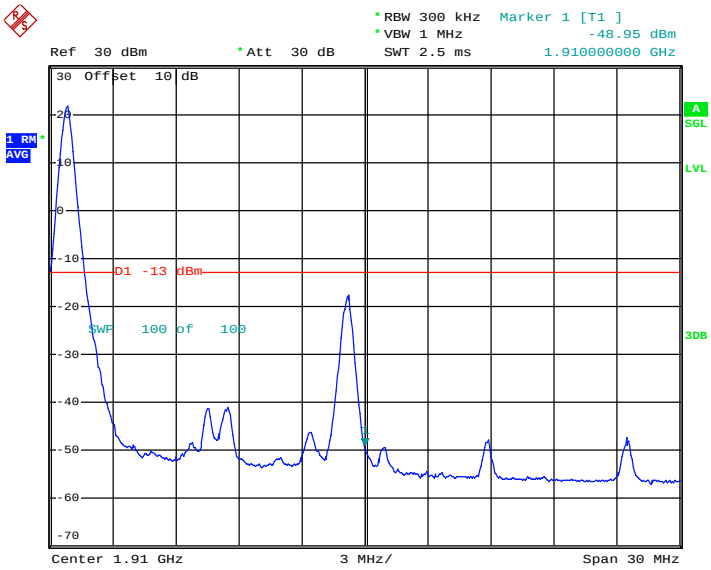
Highest channel

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



Date: 12.JAN.2015 17:06:08

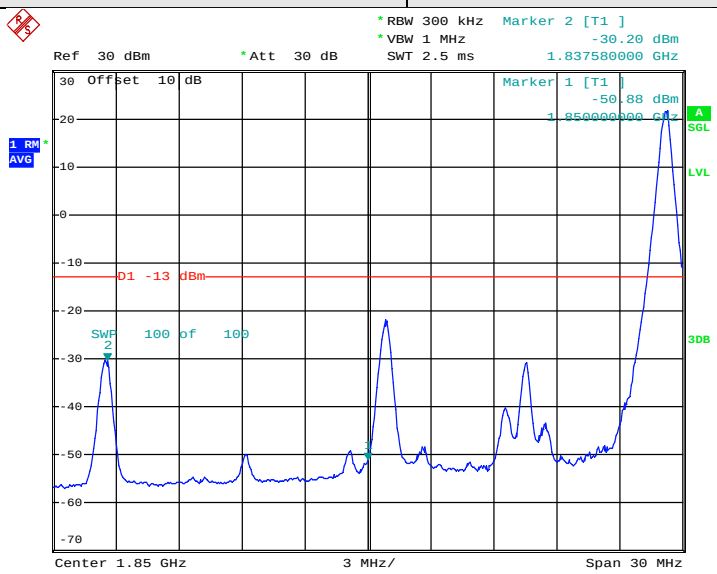
Lowest channel



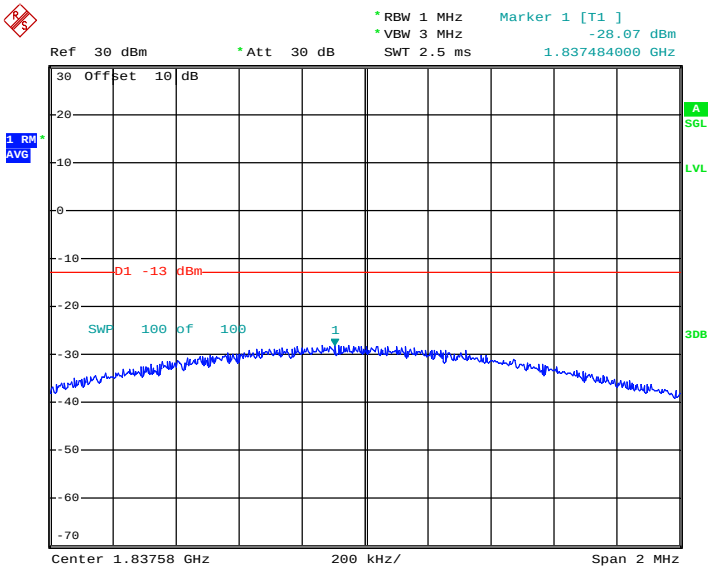
Date: 12.JAN.2015 17:17:30

Highest channel

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

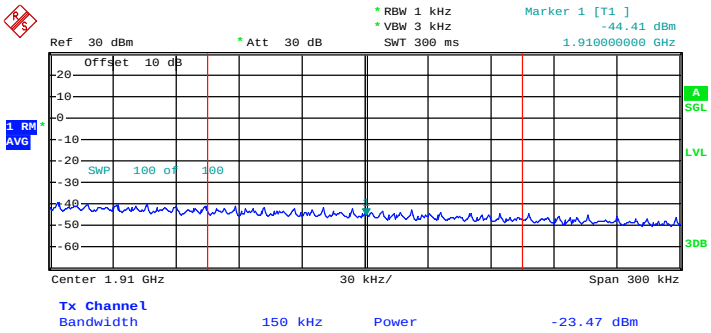


Date: 12.JAN.2015 17:11:57



Date: 12.JAN.2015 17:12:44

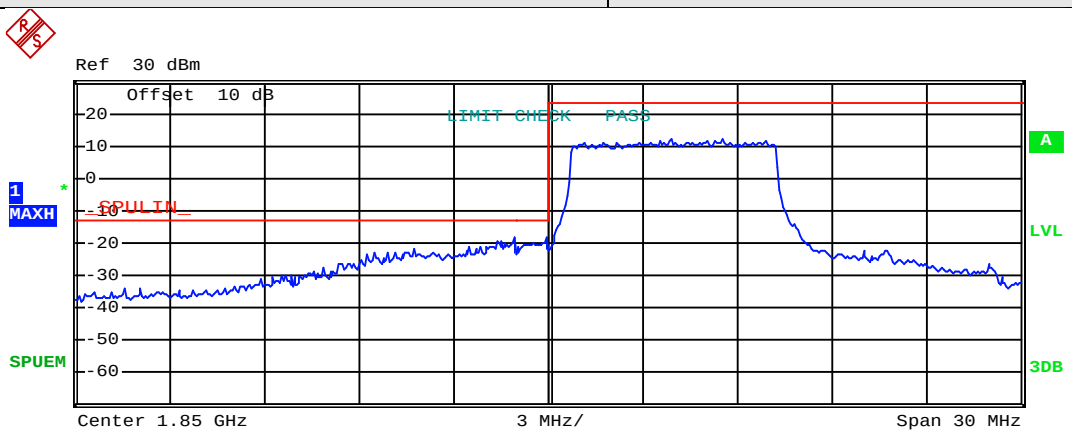
Lowest channel



Date: 12.JAN.2015 17:20:25

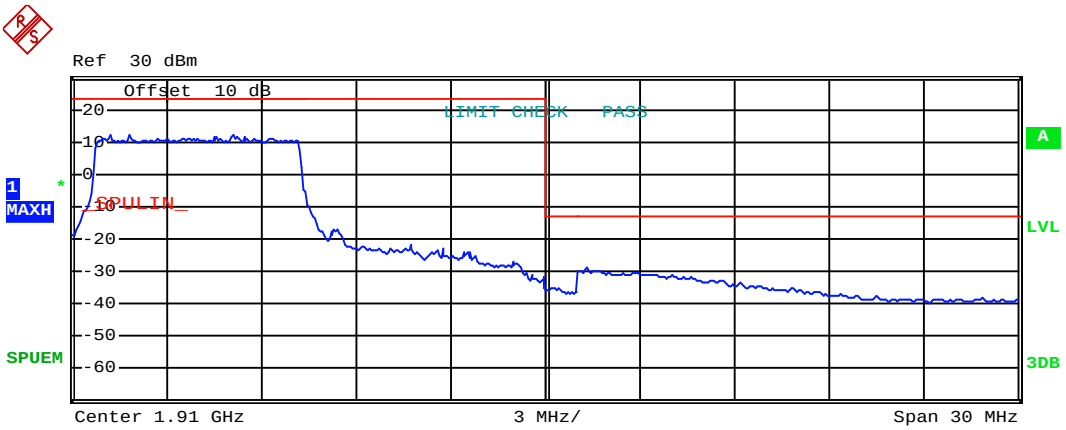
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.835 G	1.849 G	1.00 M	1.849000 G	-18.35	-5.35
1.849 G	1.850 G	150.00 k	1.849949 G	-18.41	-5.41
1.850 G	1.865 G	150.00 k	1.853921 G	12.31	-10.69

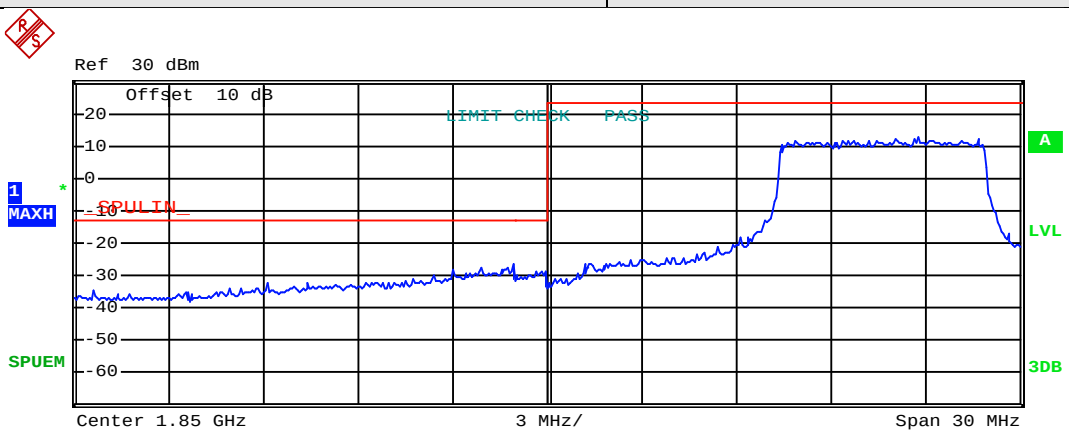
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.895 G	1.910 G	150.00 k	1.896783 G	12.43	-10.57
1.910 G	1.911 G	150.00 k	1.910202 G	-34.86	-21.86
1.911 G	1.925 G	1.00 M	1.911339 G	-28.62	-15.62

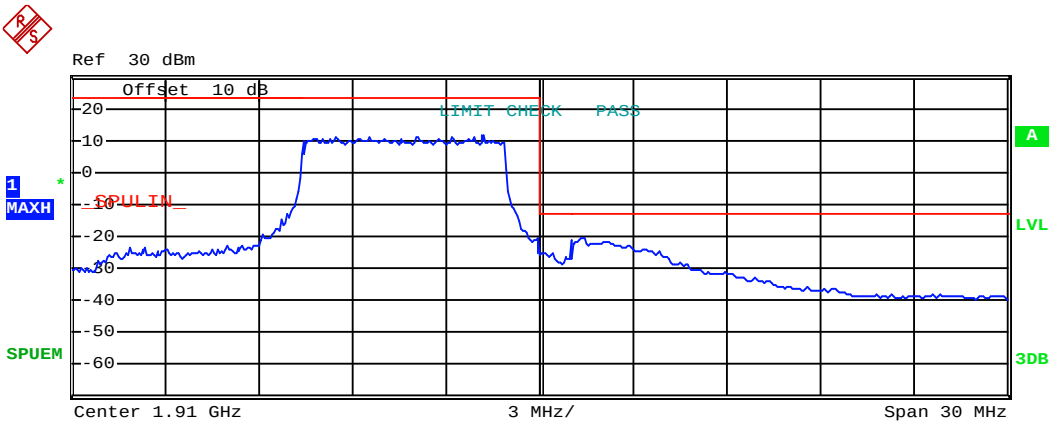
Highest channel

Test Mode:	LTE band 2(QPSK RB Size 36 & RB Offset 37)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.835 G	1.849 G	1.00 M	1.848972 G	-26.63	-13.63
1.849 G	1.850 G	150.00 k	1.849809 G	-28.50	-15.50
1.850 G	1.865 G	150.00 k	1.861773 G	12.49	-10.51

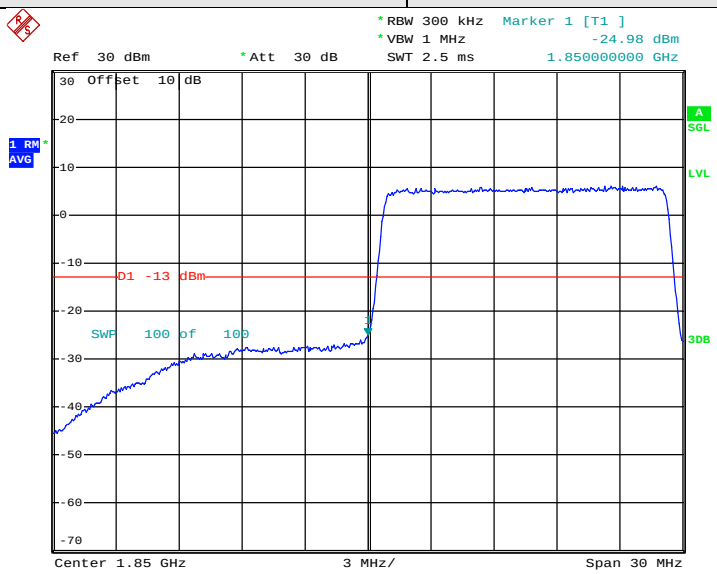
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.895 G	1.910 G	150.00 k	1.908174 G	11.46	-11.54
1.910 G	1.911 G	150.00 k	1.910258 G	-25.05	-12.05
1.911 G	1.925 G	1.00 M	1.911452 G	-20.74	-7.74

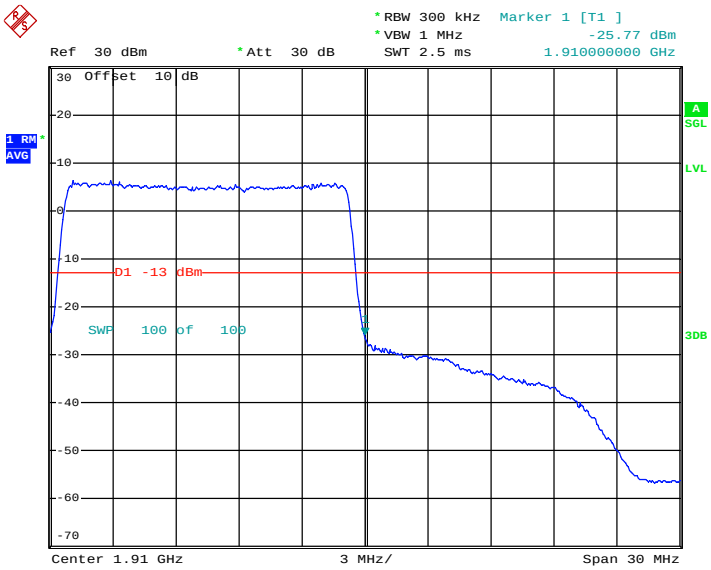
Highest channel

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



Date: 12.JAN.2015 17:14:07

Lowest channel

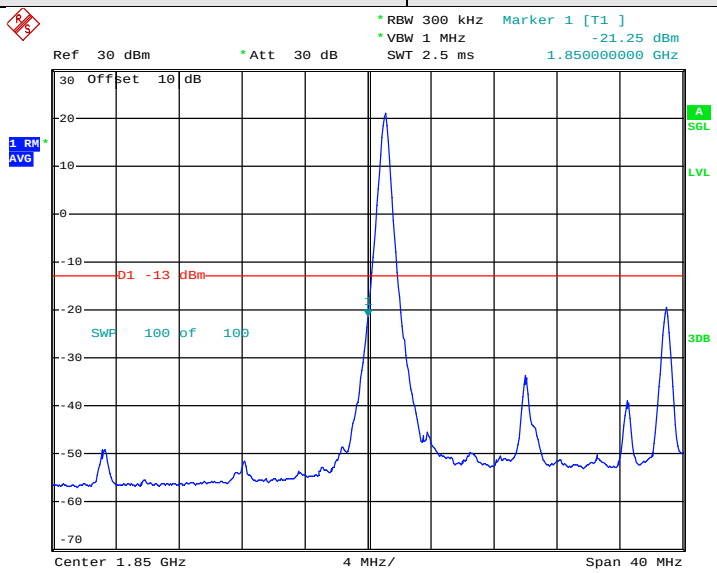


Date: 12.JAN.2015 17:15:53

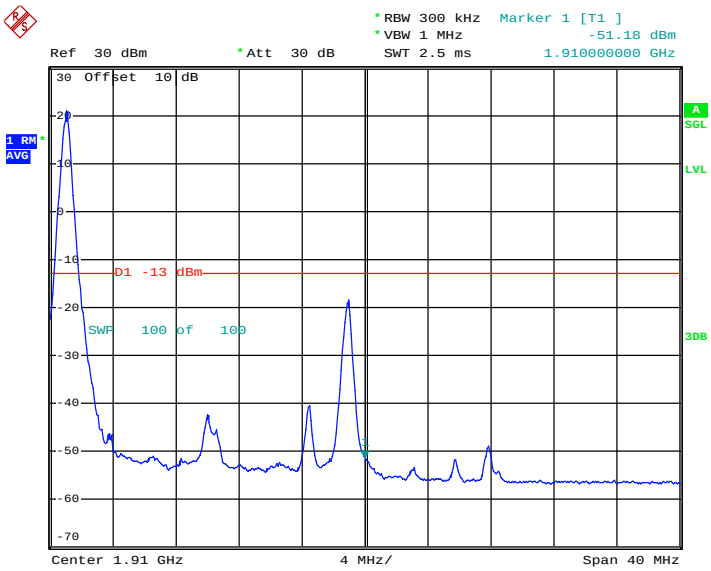
Highest channel

20MHz:

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

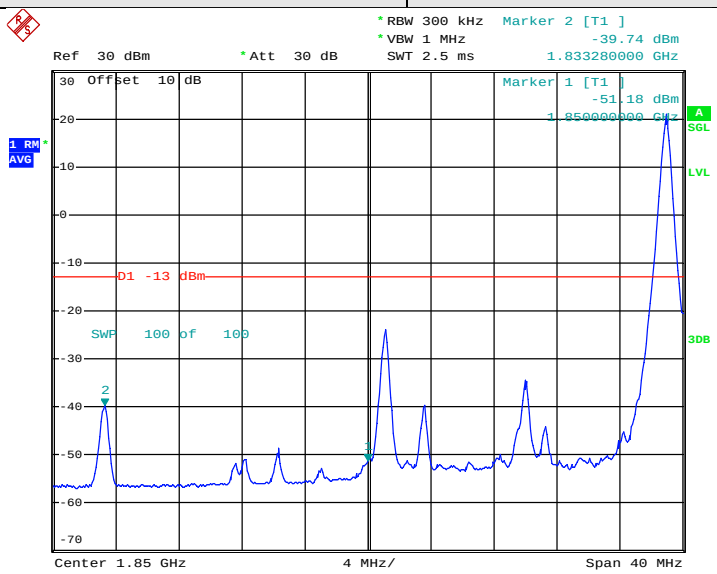


Lowest channel

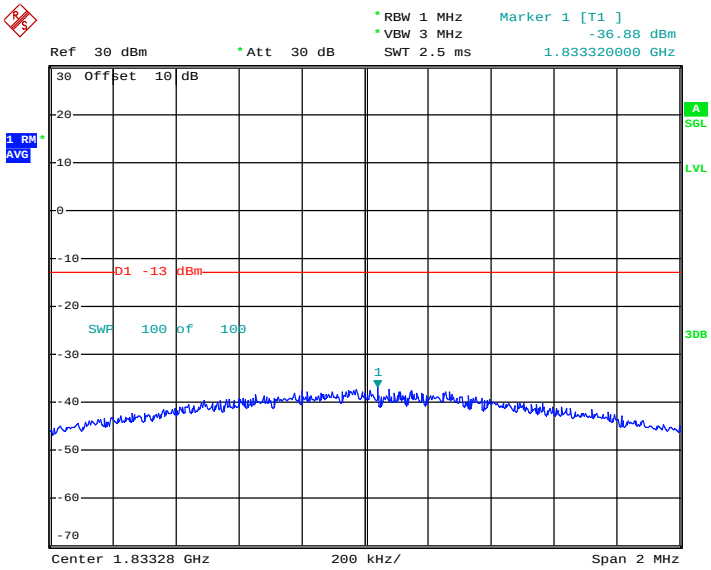


Highest channel

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

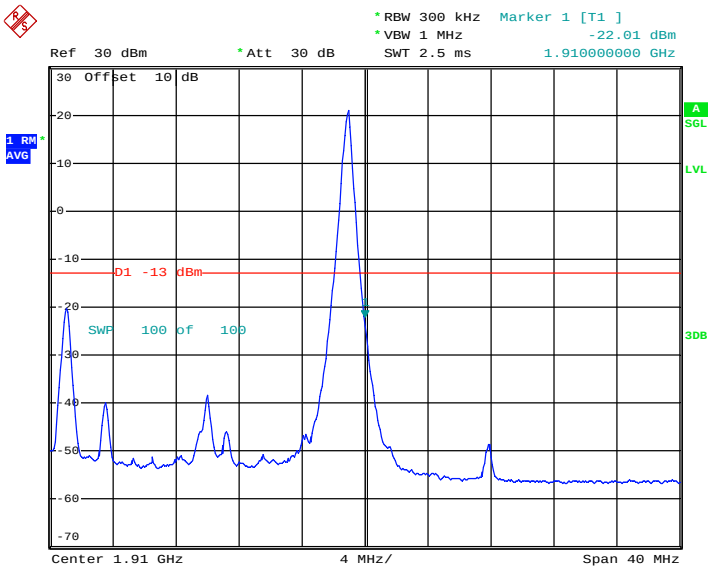


Date: 12.JAN.2015 17:23:44



Date: 12.JAN.2015 17:24:21

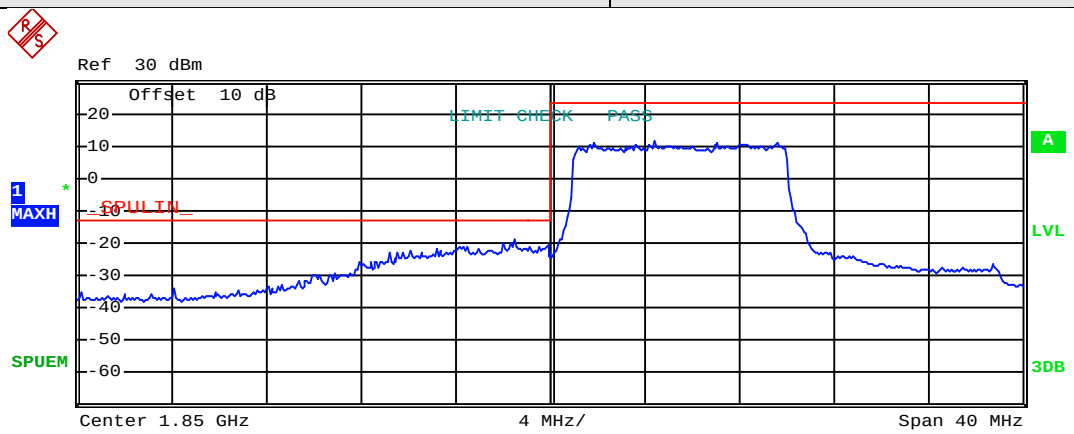
Lowest channel



Date: 12.JAN.2015 19:16:10

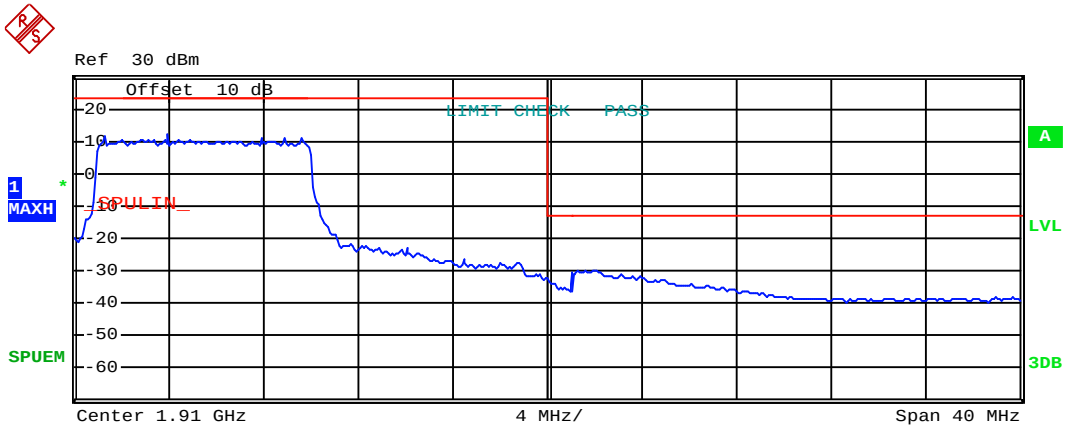
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.830 G	1.849 G	1.00 M	1.848468 G	-18.87	-5.87
1.849 G	1.850 G	200.00 k	1.849916 G	-20.32	-7.32
1.850 G	1.870 G	200.00 k	1.854413 G	11.43	-11.57

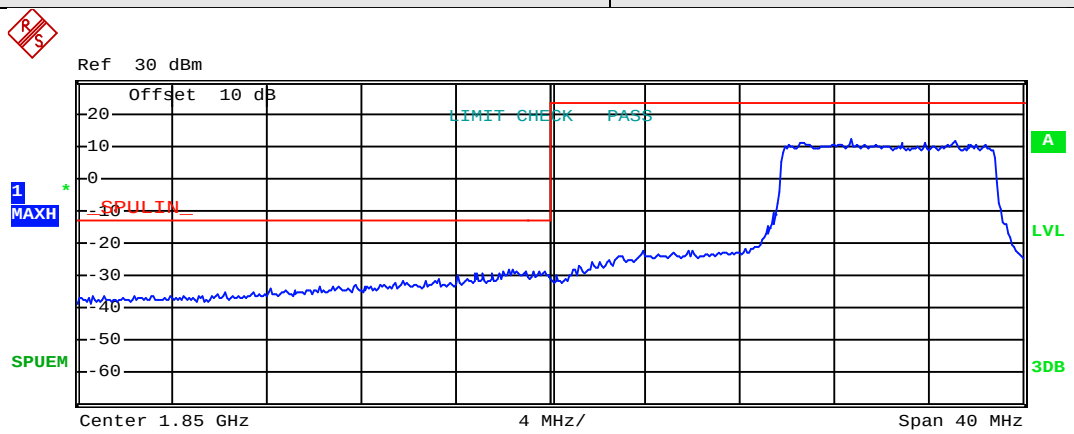
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.890 G	1.910 G	200.00 k	1.893913 G	11.89	-11.11
1.910 G	1.911 G	200.00 k	1.910016 G	-32.42	-19.42
1.911 G	1.930 G	1.00 M	1.911306 G	-29.94	-16.94

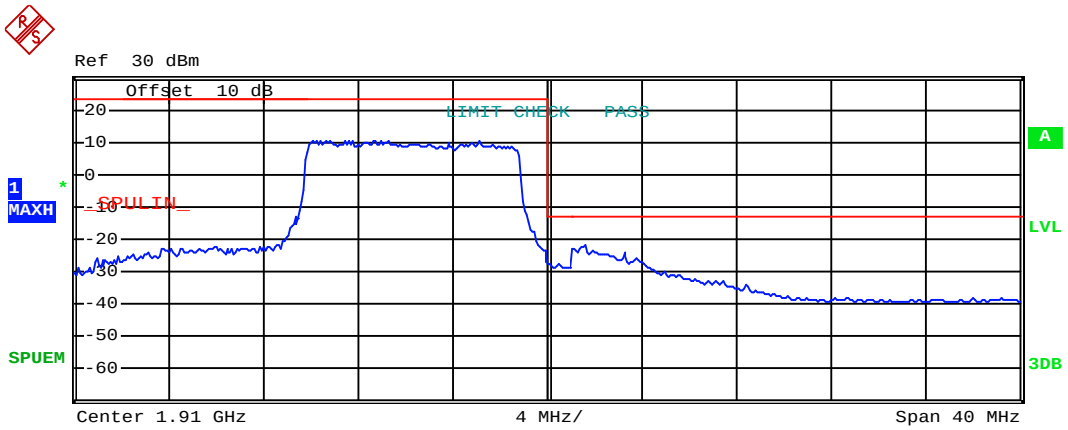
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.830 G	1.849 G	1.00 M	1.848392 G	-28.09	-15.09
1.849 G	1.850 G	200.00 k	1.849535 G	-28.69	-15.69
1.850 G	1.870 G	200.00 k	1.862705 G	11.97	-11.03

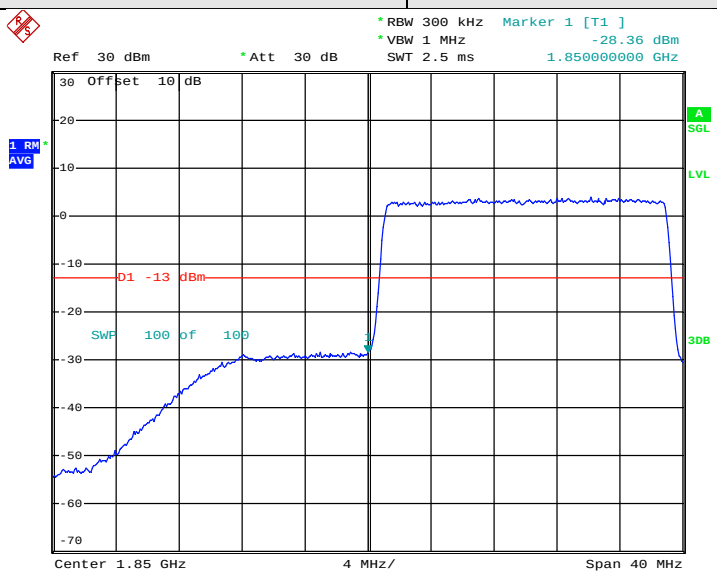
Lowest channel



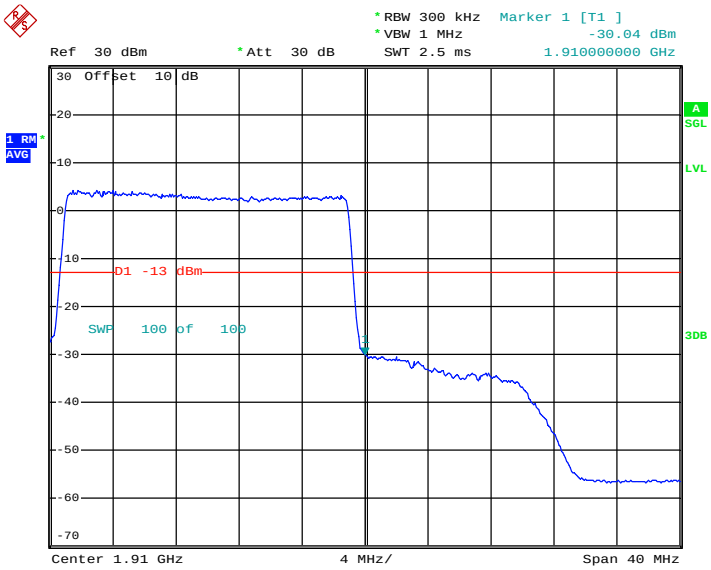
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.890 G	1.910 G	200.00 k	1.903267 G	10.52	-12.48
1.910 G	1.911 G	200.00 k	1.910065 G	-27.71	-14.71
1.911 G	1.930 G	1.00 M	1.911613 G	-22.01	-9.01

Highest channel

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

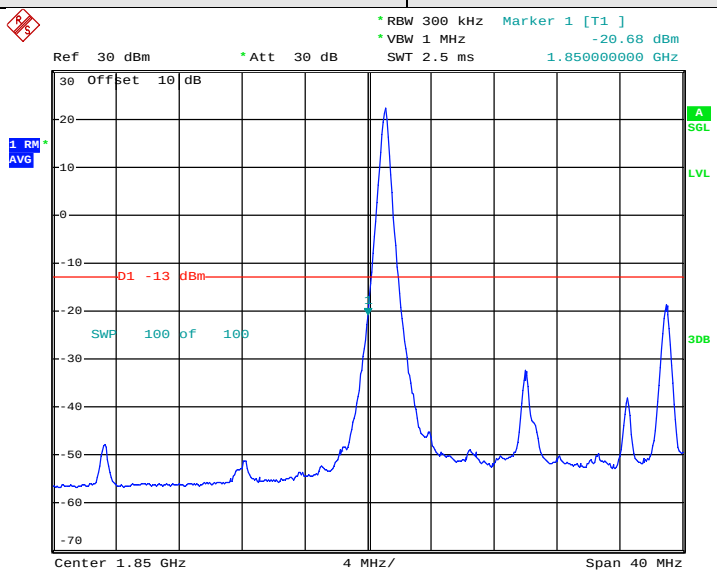


Lowest channel



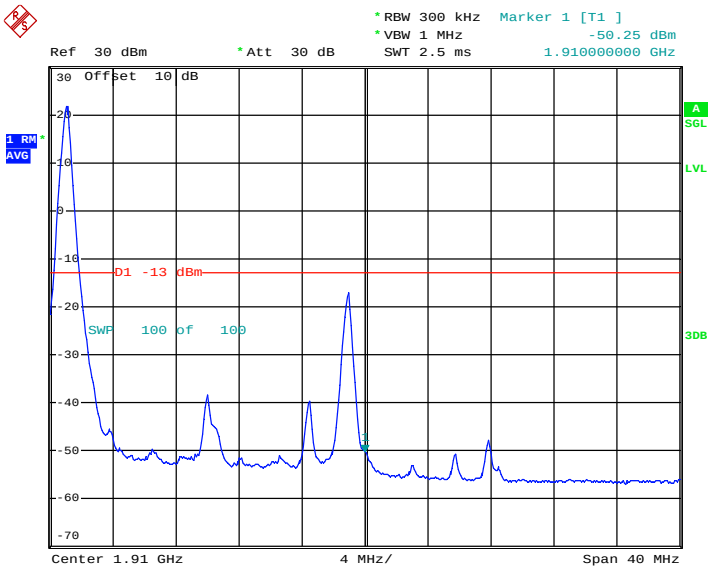
Highest channel

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



Date: 12.JAN.2015 17:22:31

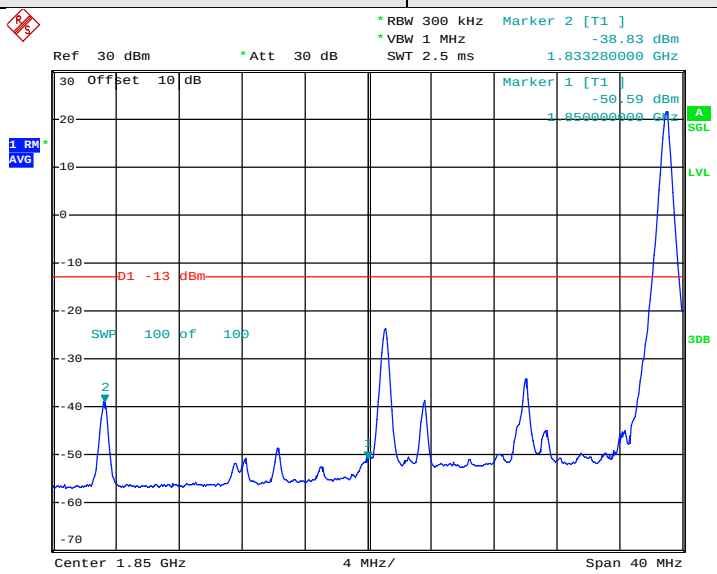
Lowest channel



Date: 12.JAN.2015 19:15:16

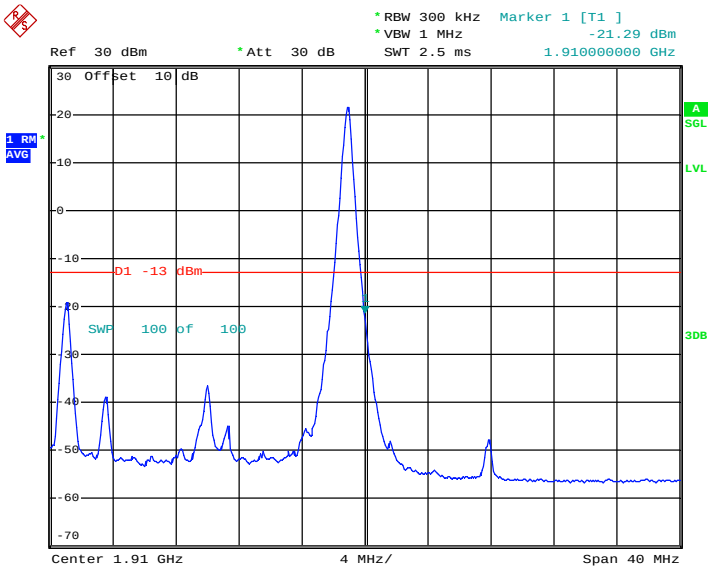
Highest channel

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



Date: 12.JAN.2015 17:25:14

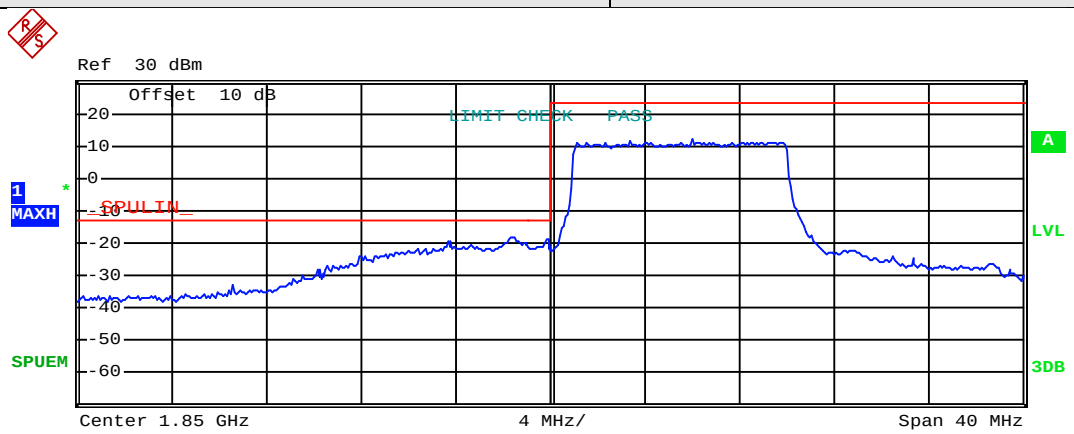
Lowest channel



Date: 12.JAN.2015 19:16:30

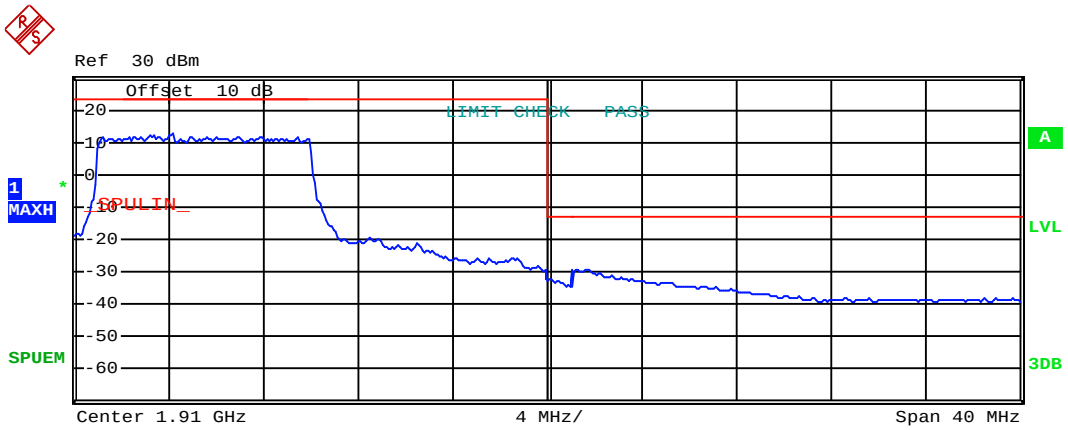
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.830 G	1.849 G	1.00 M	1.848316 G	-18.29	-5.29
1.849 G	1.850 G	200.00 k	1.849876 G	-18.59	-5.59
1.850 G	1.870 G	200.00 k	1.855980 G	11.97	-11.03

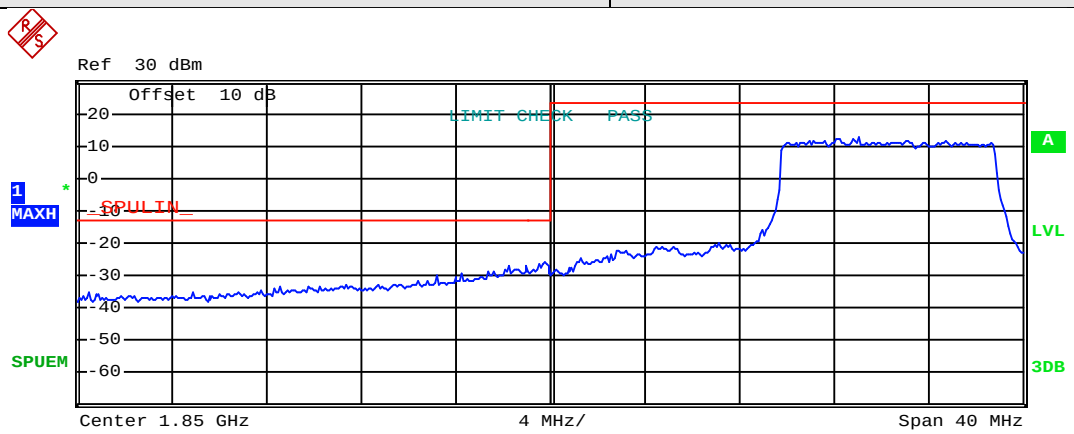
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.890 G	1.910 G	200.00 k	1.894192 G	12.50	-10.50
1.910 G	1.911 G	200.00 k	1.910056 G	-31.89	-18.89
1.911 G	1.930 G	1.00 M	1.911306 G	-29.32	-16.32

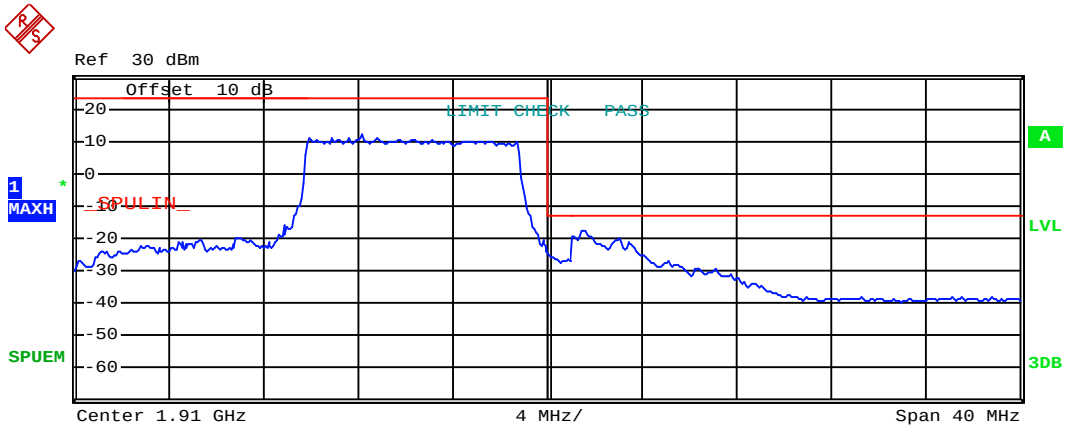
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.830 G	1.849 G	1.00 M	1.849000 G	-27.17	-14.17
1.849 G	1.850 G	200.00 k	1.849744 G	-25.82	-12.82
1.850 G	1.870 G	200.00 k	1.863035 G	12.54	-10.46

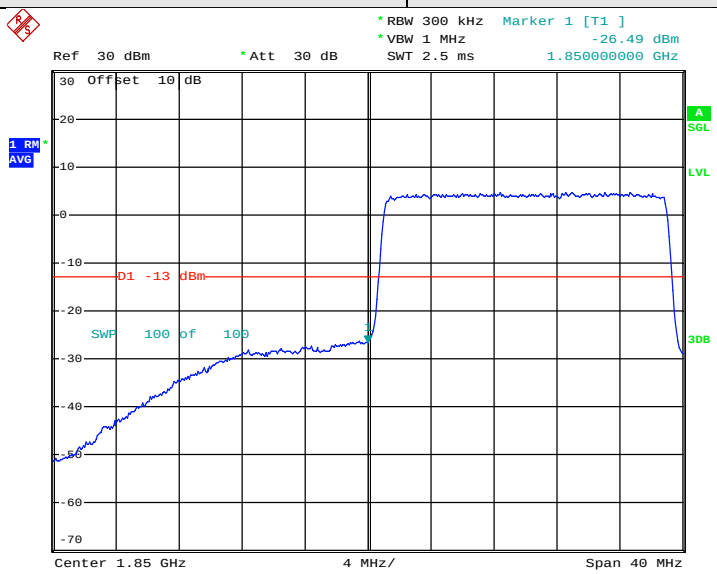
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.890 G	1.910 G	200.00 k	1.902185 G	12.17	-10.83
1.910 G	1.911 G	200.00 k	1.910048 G	-24.50	-11.50
1.911 G	1.930 G	1.00 M	1.911613 G	-17.68	-4.68

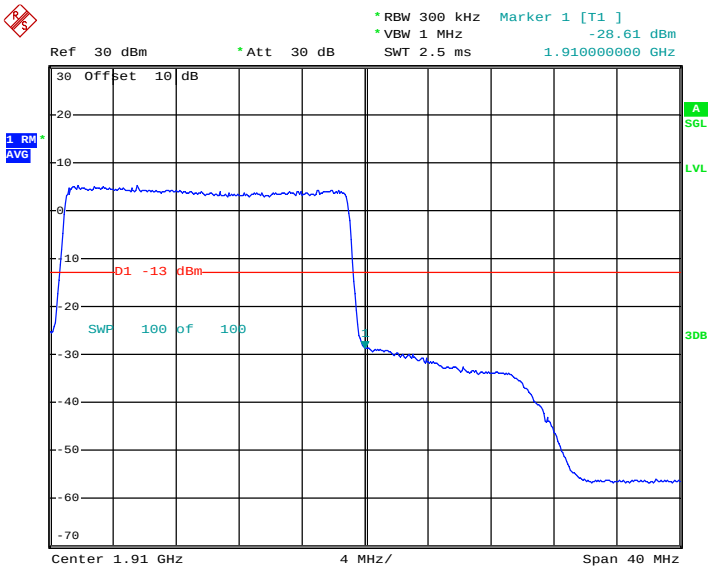
Highest channel

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



Date: 12.JAN.2015 19:12:47

Lowest channel



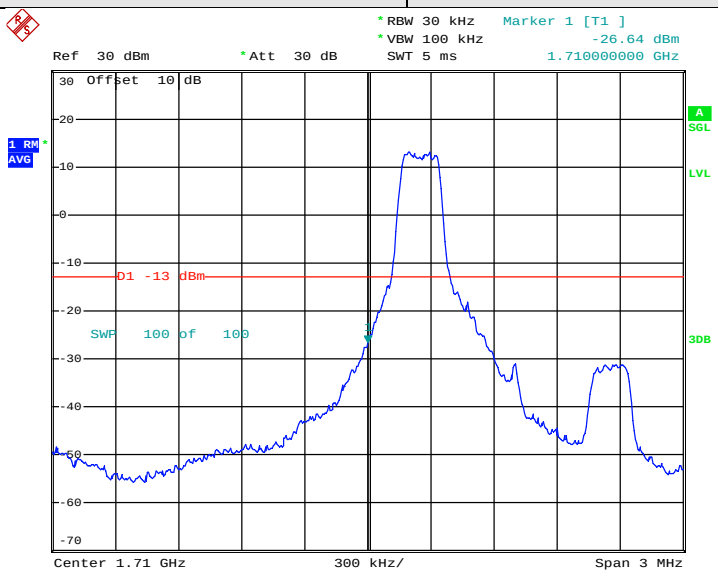
Date: 12.JAN.2015 19:14:38

Highest channel

LTE band 4 part:

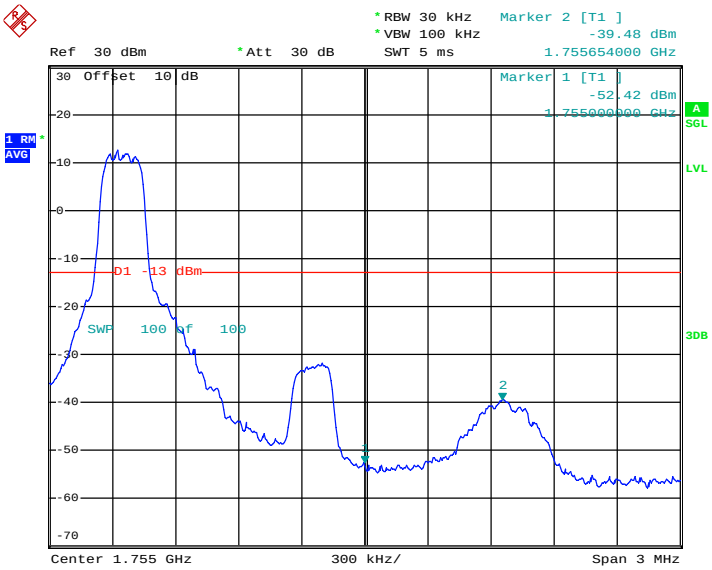
1.4MHz:

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



Date: 12.JAN.2015 19:23:10

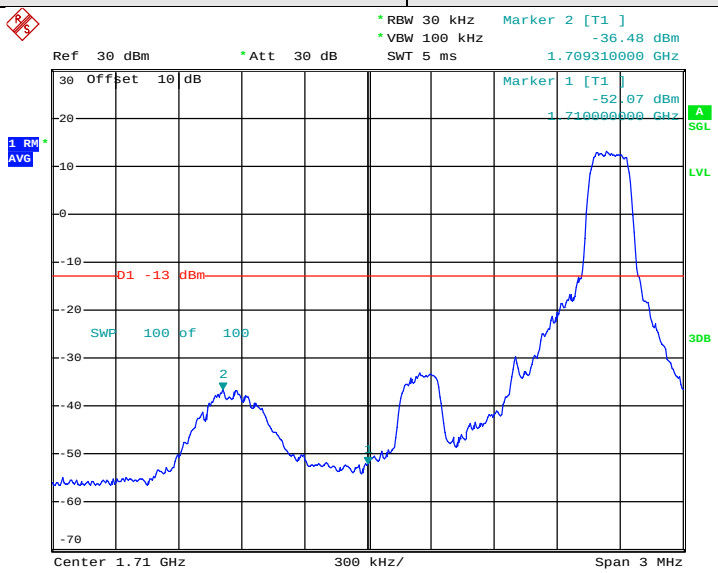
Lowest channel



Date: 12.JAN.2015 19:27:12

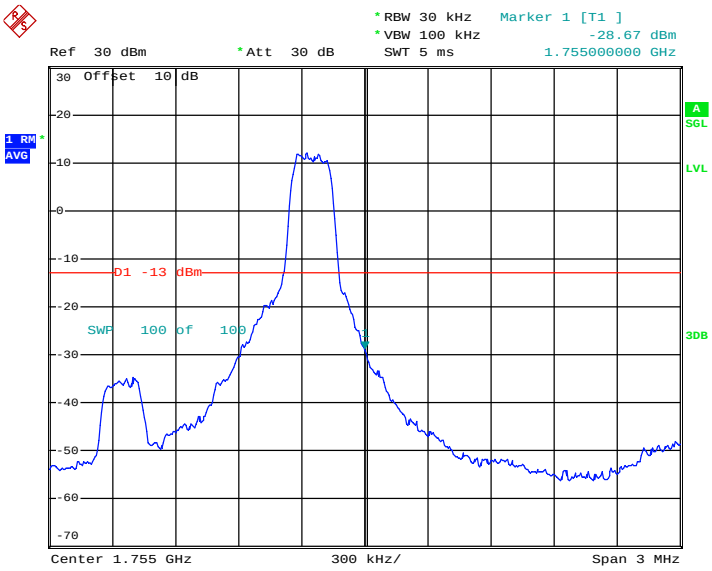
Highest channel

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



Date: 12.JAN.2015 19:22:43

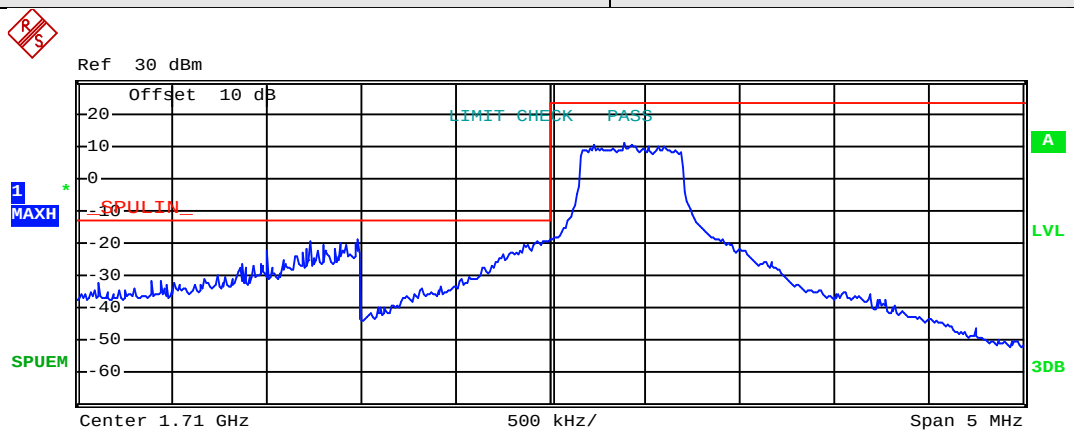
Lowest channel



Date: 12.JAN.2015 19:26:41

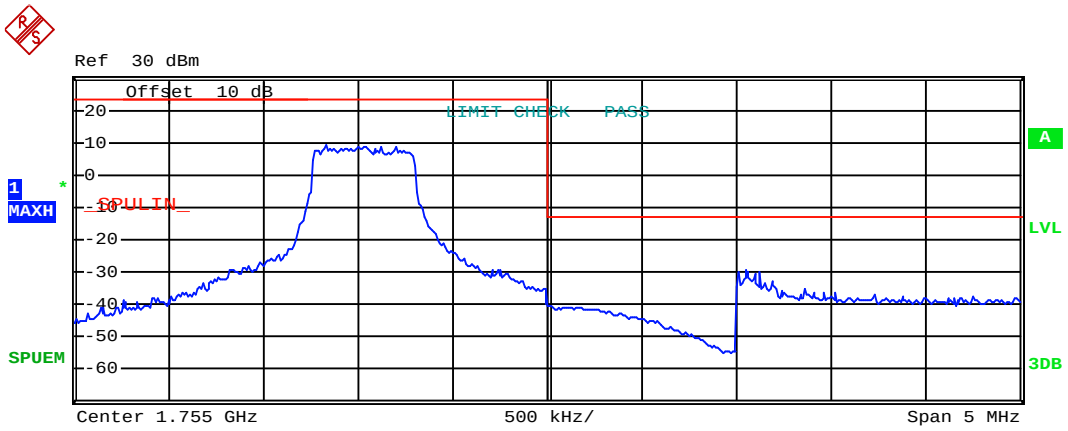
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.708 G	1.709 G	1.00 M	1.708976 G	-19.07	-6.07
1.709 G	1.710 G	15.00 k	1.709982 G	-19.15	-6.15
1.710 G	1.712 G	15.00 k	1.710393 G	11.11	-11.89

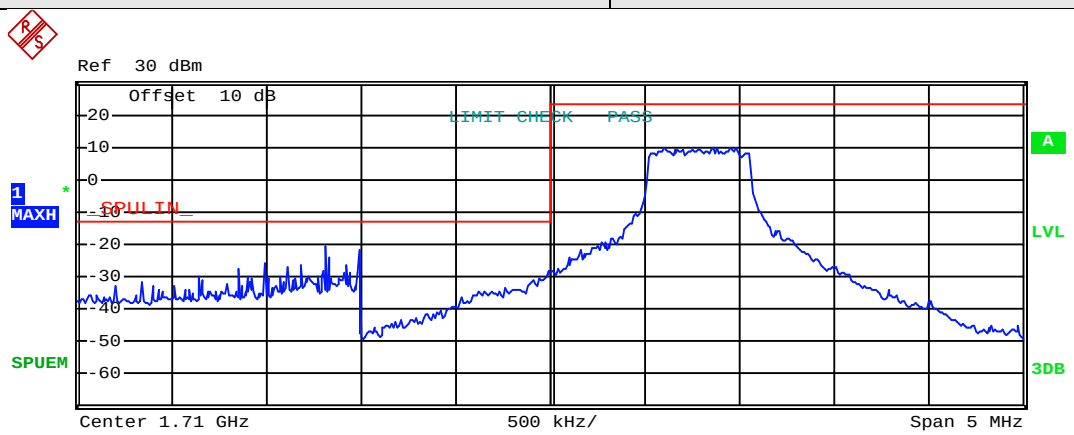
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.752 G	1.755 G	15.00 k	1.753831 G	9.03	-13.97
1.755 G	1.756 G	15.00 k	1.755008 G	-40.44	-27.44
1.756 G	1.758 G	1.00 M	1.756048 G	-29.60	-16.60

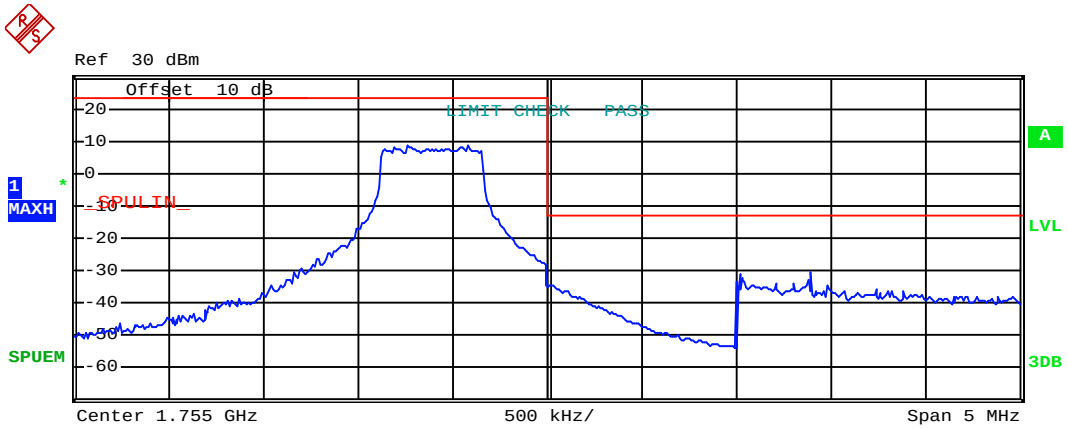
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.708 G	1.709 G	1.00 M	1.708811 G	-20.65	-7.65
1.709 G	1.710 G	15.00 k	1.709998 G	-28.23	-15.23
1.710 G	1.712 G	15.00 k	1.710952 G	9.64	-13.36

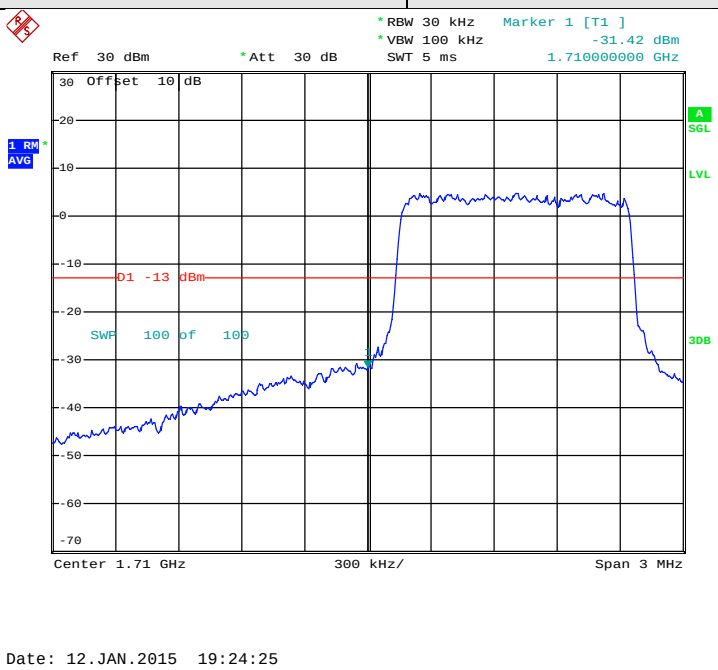
Lowest channel



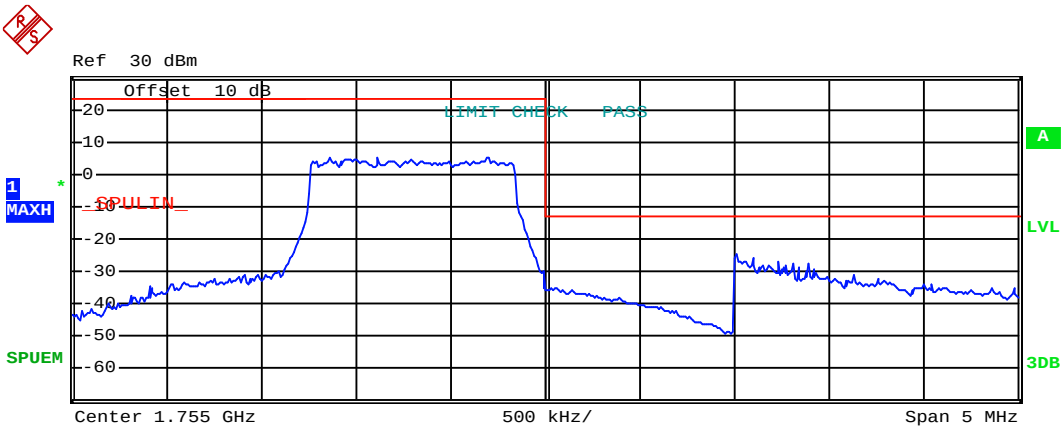
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.752 G	1.755 G	15.00 k	1.754584 G	8.59	-14.41
1.755 G	1.756 G	15.00 k	1.755016 G	-34.29	-21.29
1.756 G	1.758 G	1.00 M	1.756387 G	-30.81	-17.81

Highest channel

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



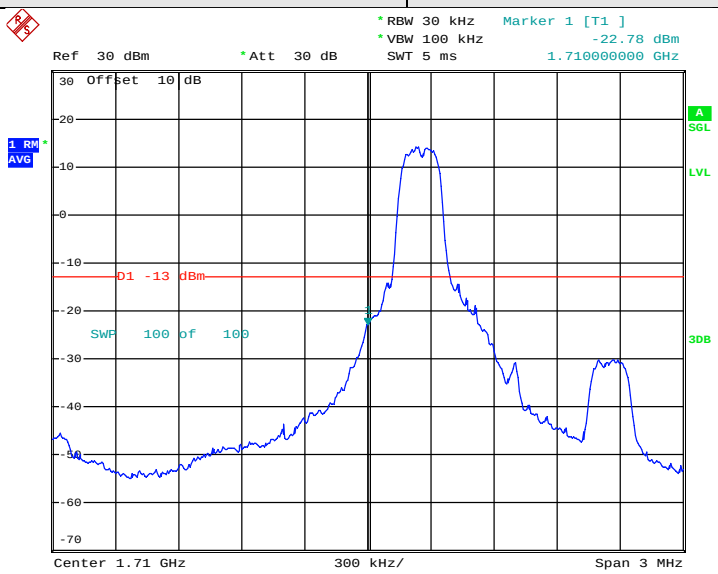
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.752 G	1.755 G	15.00 k	1.754114 G	5.09	-17.91
1.755 G	1.756 G	15.00 k	1.755040 G	-35.23	-22.23
1.756 G	1.758 G	1.00 M	1.756012 G	-24.53	-11.53

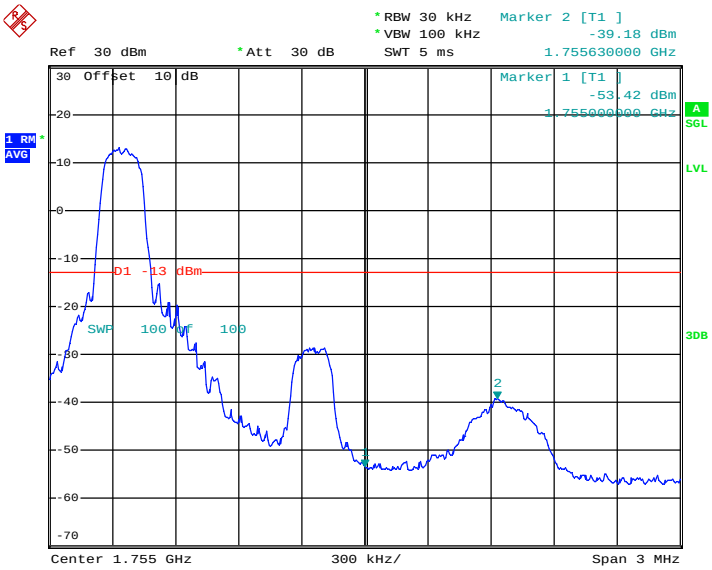
Highest channel

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



Date: 12.JAN.2015 19:21:08

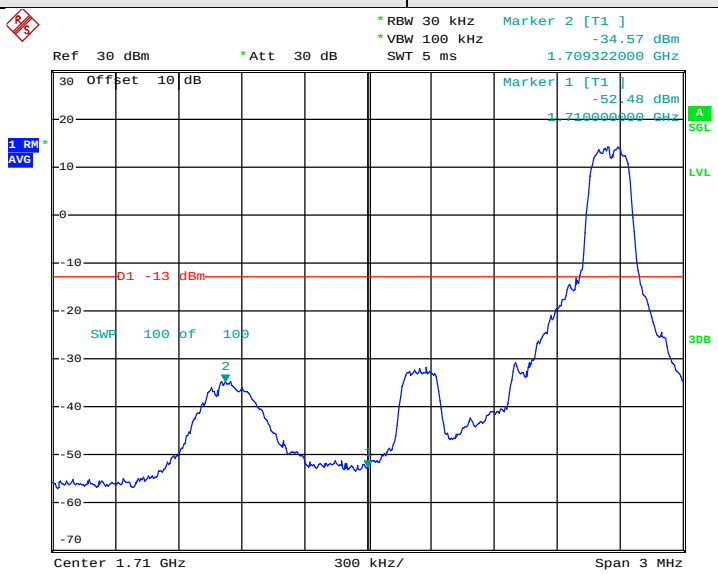
Lowest channel



Date: 12.JAN.2015 19:25:53

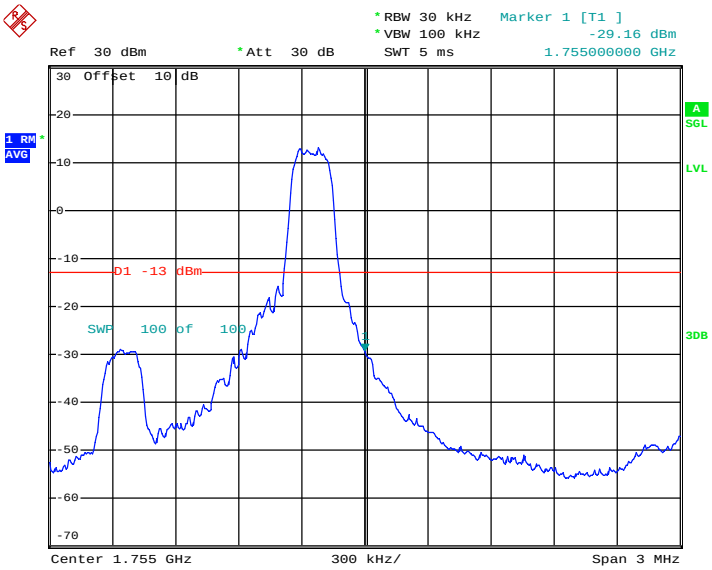
Highest channel

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



Date: 12.JAN.2015 19:22:12

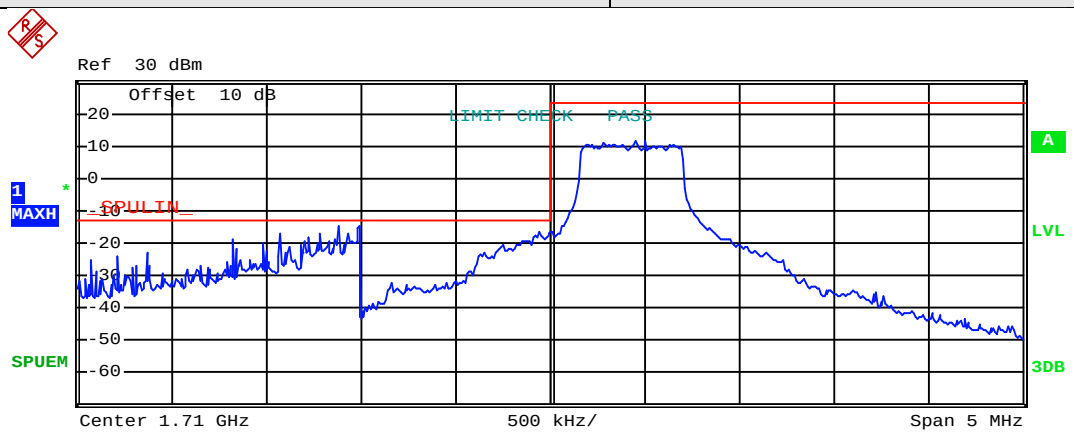
Lowest channel



Date: 12.JAN.2015 19:26:21

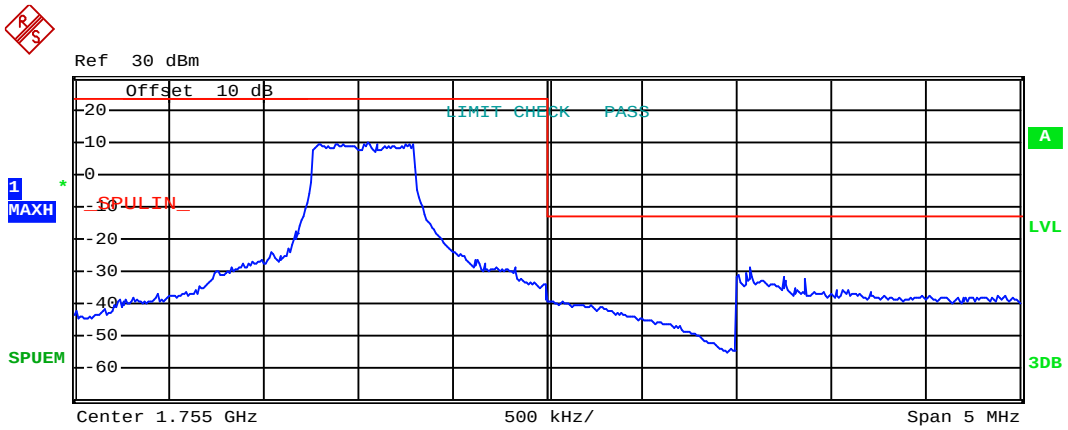
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.708 G	1.709 G	1.00 M	1.708994 G	-14.68	-1.68
1.709 G	1.710 G	15.00 k	1.709937 G	-16.62	-3.62
1.710 G	1.712 G	15.00 k	1.710504 G	11.45	-11.55

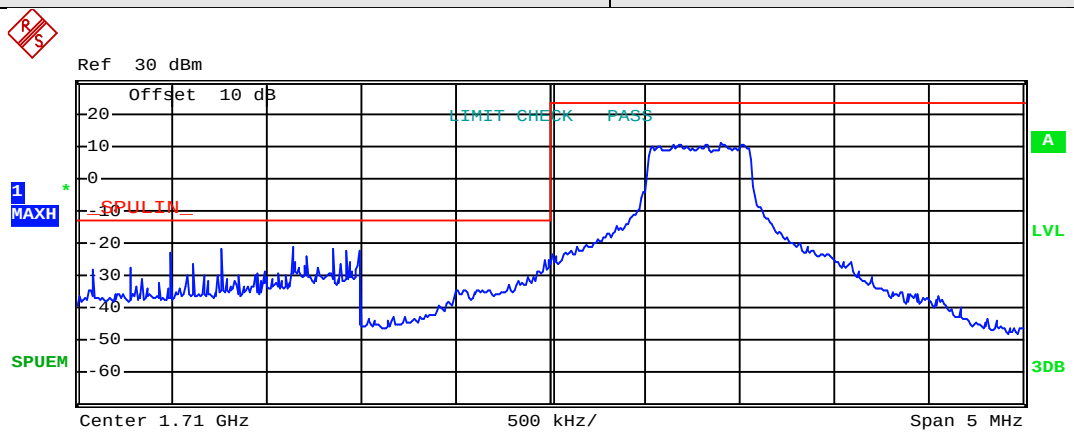
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.752 G	1.755 G	15.00 k	1.754050 G	10.10	-12.90
1.755 G	1.756 G	15.00 k	1.755024 G	-39.14	-26.14
1.756 G	1.758 G	1.00 M	1.756073 G	-28.99	-15.99

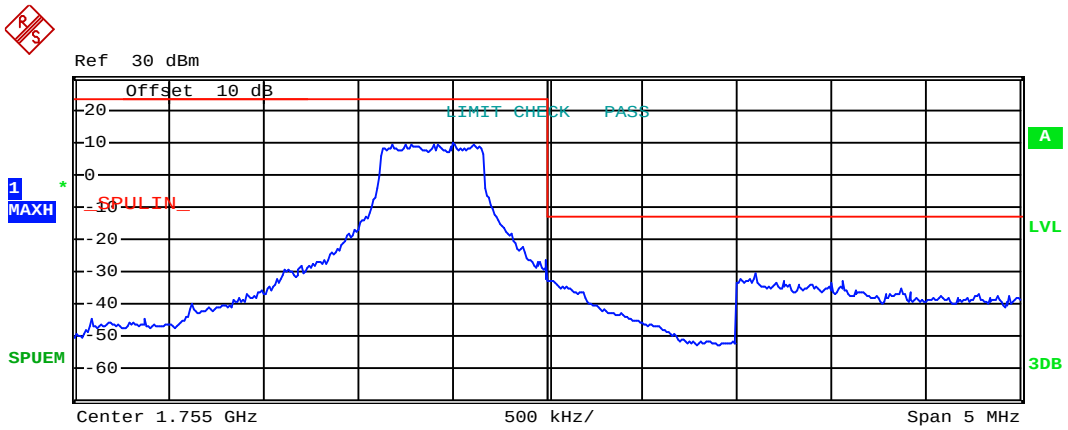
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.708 G	1.709 G	1.00 M	1.708634 G	-20.89	-7.89
1.709 G	1.710 G	15.00 k	1.709991 G	-25.00	-12.00
1.710 G	1.712 G	15.00 k	1.710898 G	11.05	-11.95

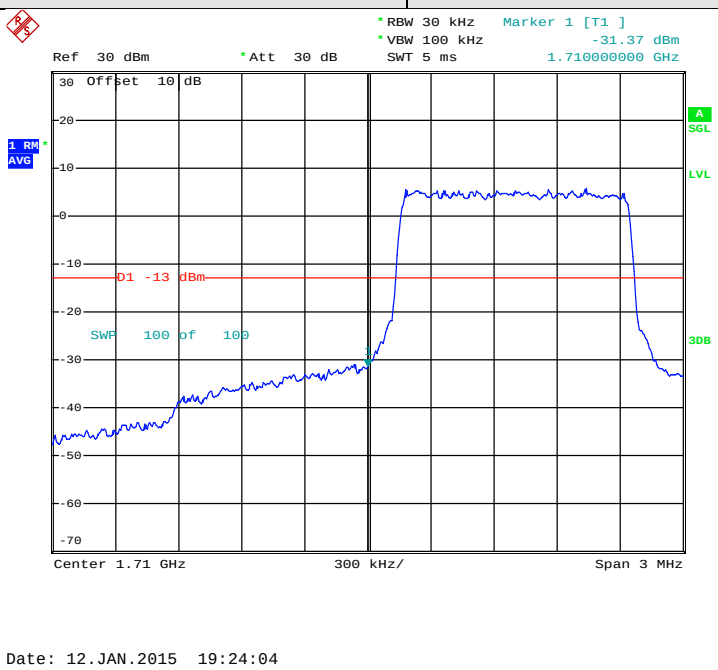
Lowest channel



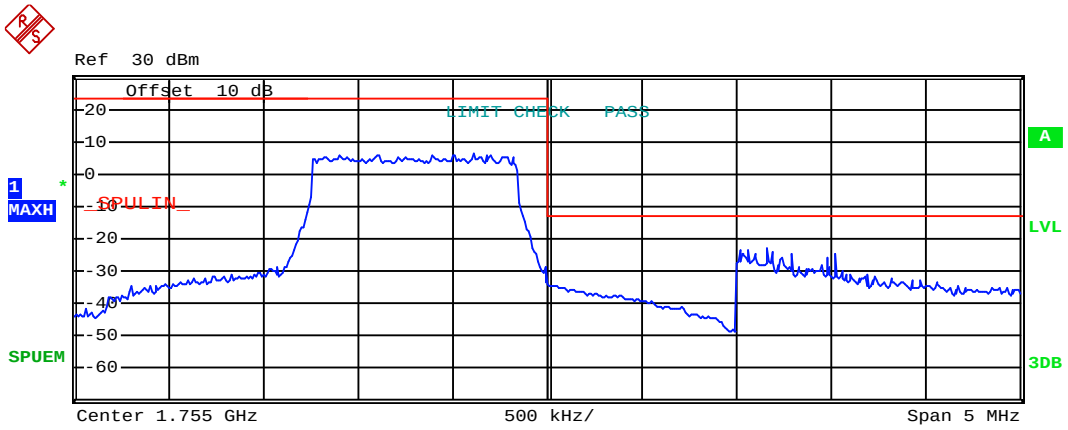
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.752 G	1.755 G	15.00 k	1.754498 G	9.68	-13.32
1.755 G	1.756 G	15.00 k	1.755008 G	-32.68	-19.68
1.756 G	1.758 G	1.00 M	1.756097 G	-30.70	-17.70

Highest channel

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



Lowest channel

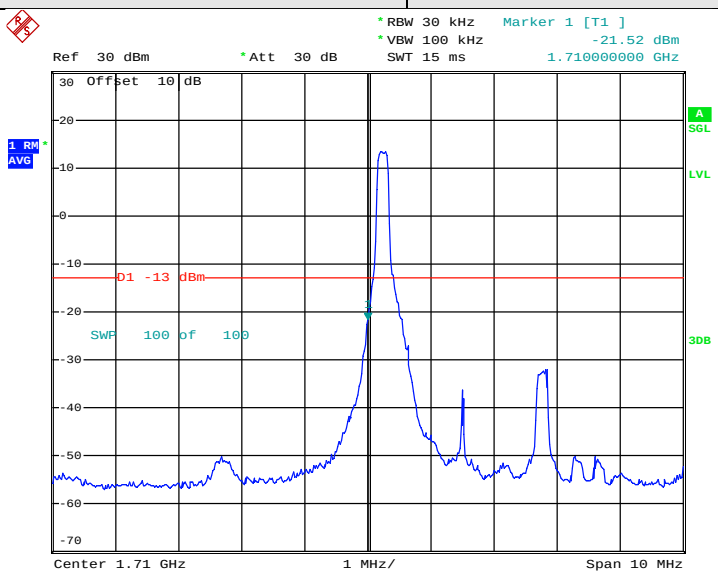


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.752 G	1.755 G	15.00 k	1.754610 G	6.17	-16.83
1.755 G	1.756 G	15.00 k	1.755024 G	-34.42	-21.42
1.756 G	1.758 G	1.00 M	1.756157 G	-23.14	-10.14

Highest channel

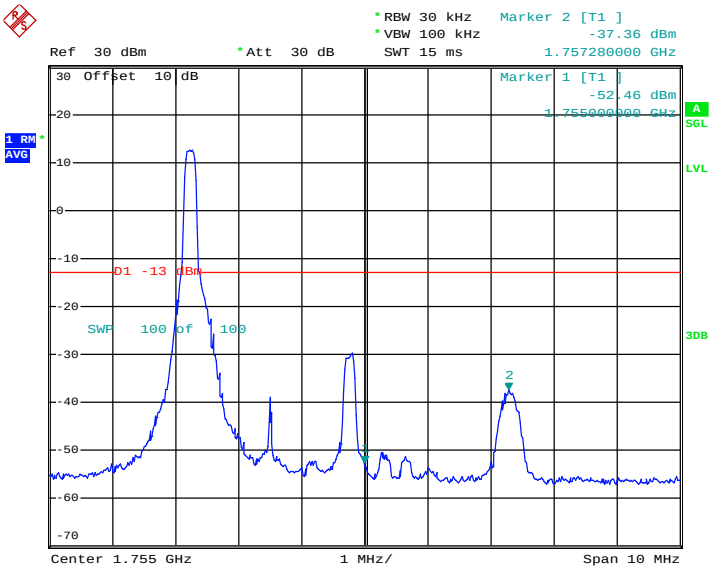
3MHz:

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

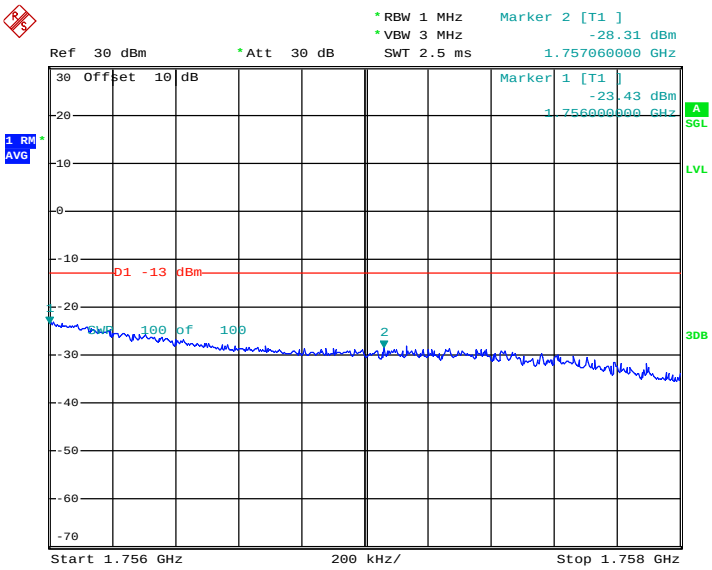


Date: 12.JAN.2015 19:32:44

Lowest channel



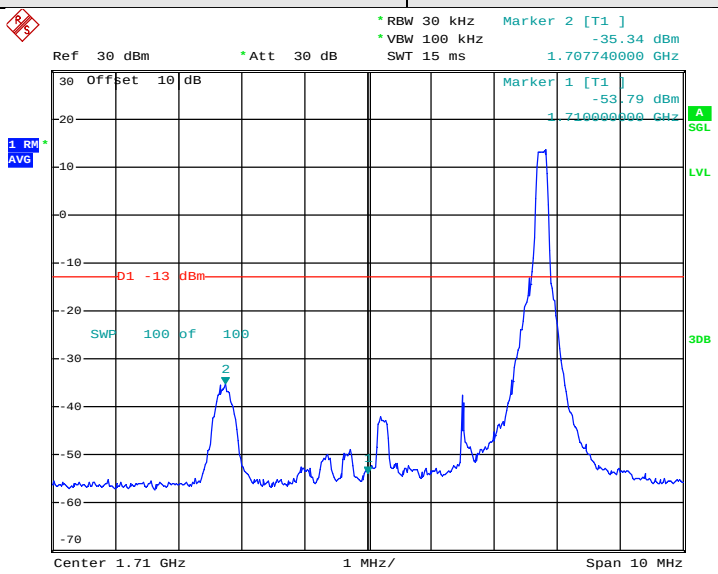
Date: 12.JAN.2015 19:38:33



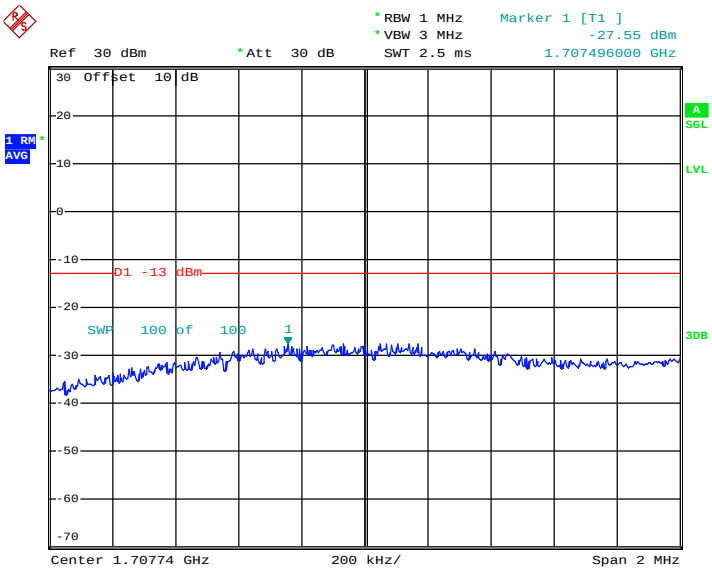
Date: 12.JAN.2015 19:39:18

Highest channel

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

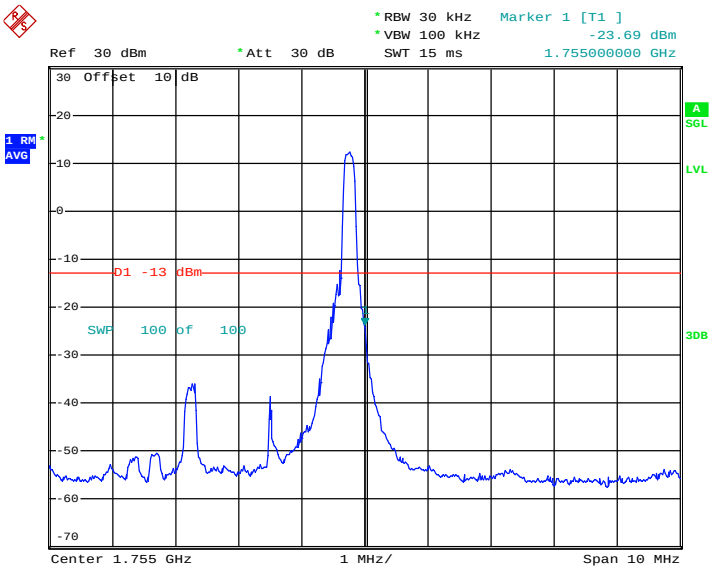


Date: 12.JAN.2015 19:31:40



Date: 12.JAN.2015 19:32:07

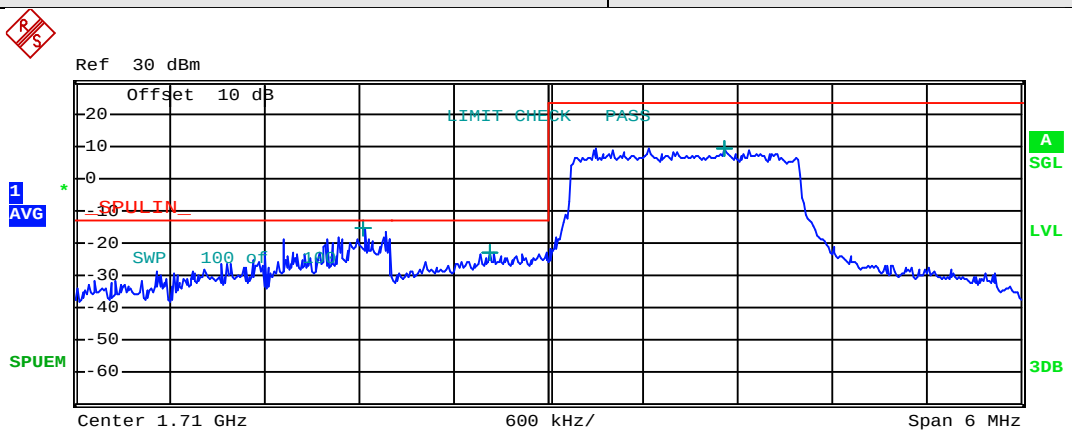
Lowest channel



Date: 12.JAN.2015 19:38:00

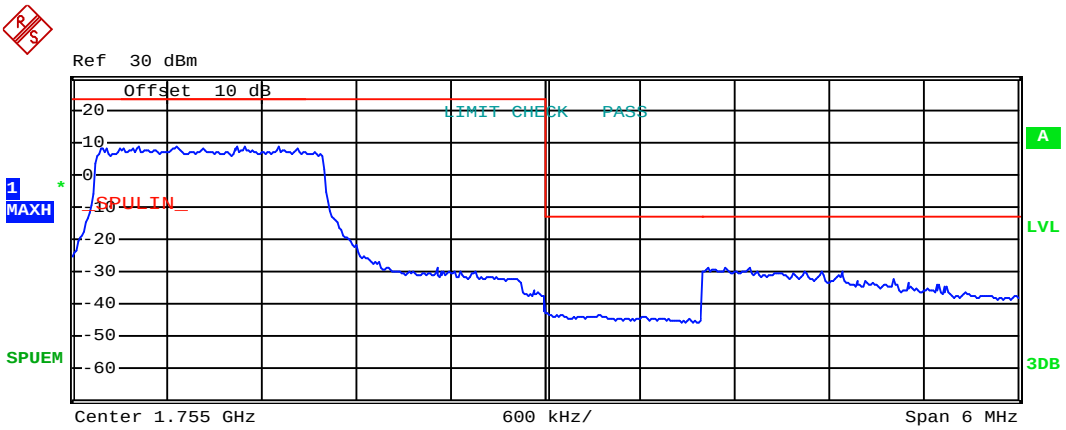
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.707 G	1.709 G	1.00 M	1.708828 G	-15.30	-2.30
1.709 G	1.710 G	30.00 k	1.709622 G	-22.94	-9.94
1.710 G	1.713 G	30.00 k	1.711114 G	9.28	-13.72

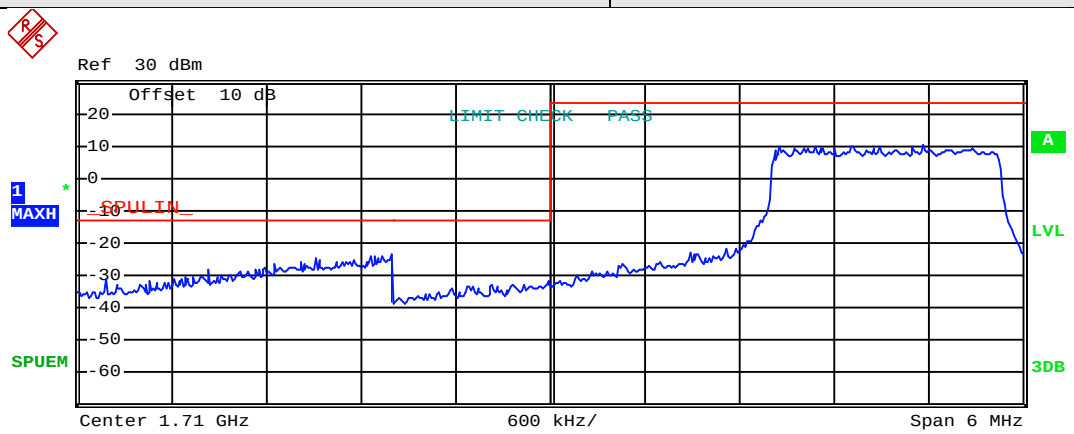
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.752 G	1.755 G	30.00 k	1.753304 G	8.70	-14.30
1.755 G	1.756 G	30.00 k	1.755008 G	-42.94	-29.94
1.756 G	1.758 G	1.00 M	1.756145 G	-28.74	-15.74

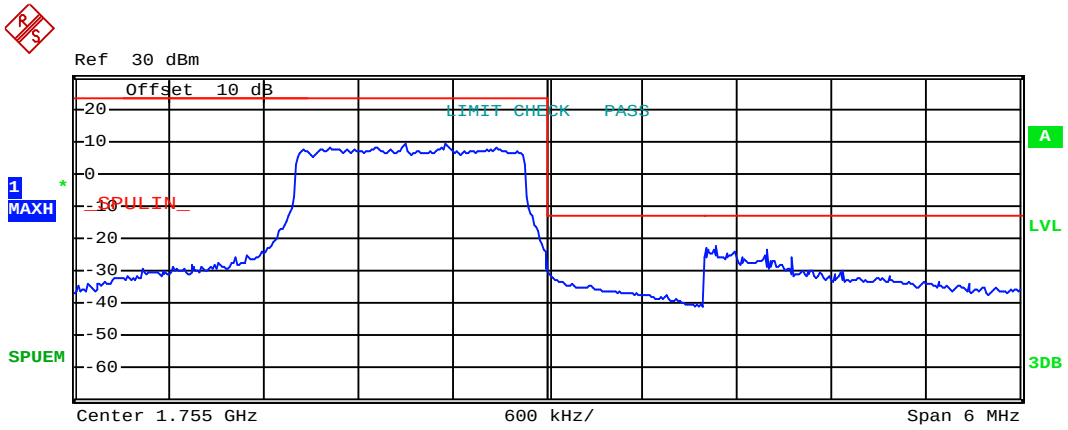
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.707 G	1.709 G	1.00 M	1.709000 G	-23.31	-10.31
1.709 G	1.710 G	30.00 k	1.709993 G	-31.95	-18.95
1.710 G	1.713 G	30.00 k	1.712363 G	10.31	-12.69

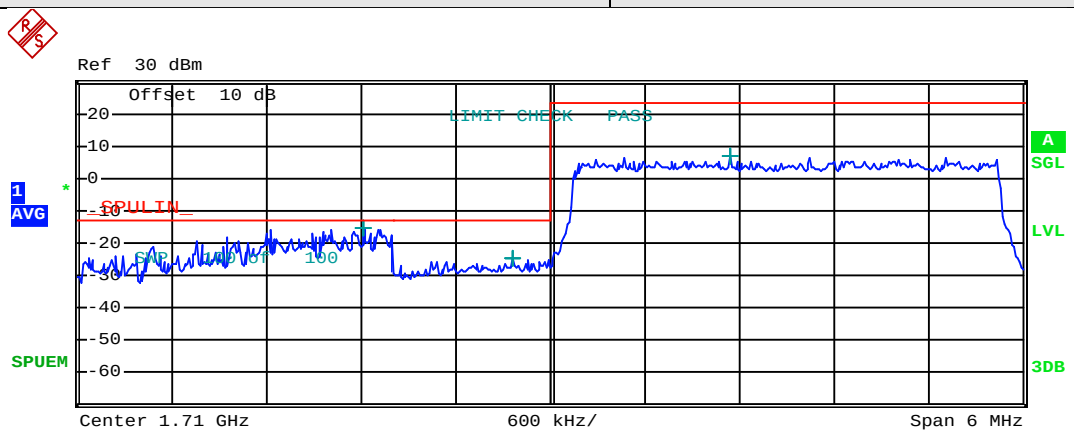
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.752 G	1.755 G	30.00 k	1.754355 G	9.17	-13.83
1.755 G	1.756 G	30.00 k	1.755008 G	-30.77	-17.77
1.756 G	1.758 G	1.00 M	1.756065 G	-22.40	-9.40

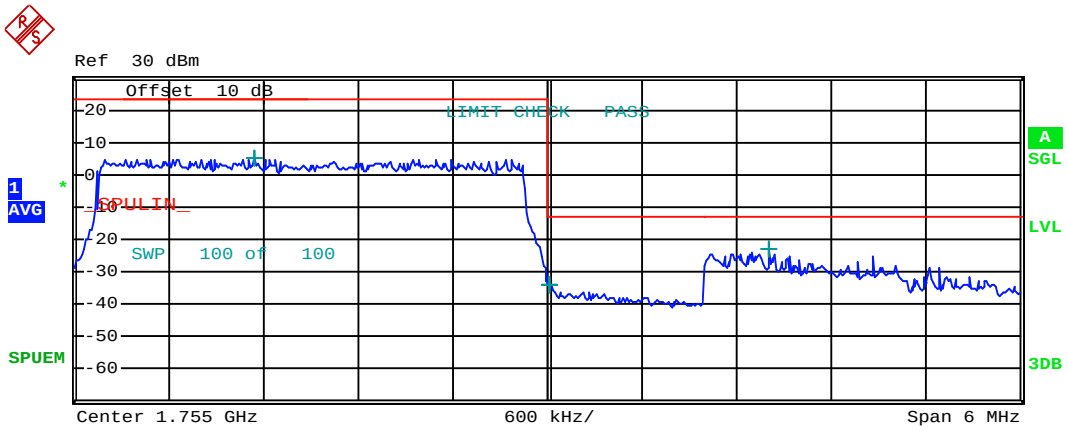
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.707 G	1.709 G	1.00 M	1.708808 G	-15.09	-2.09
1.709 G	1.710 G	30.00 k	1.709760 G	-24.97	-11.97
1.710 G	1.713 G	30.00 k	1.711140 G	7.09	-15.91

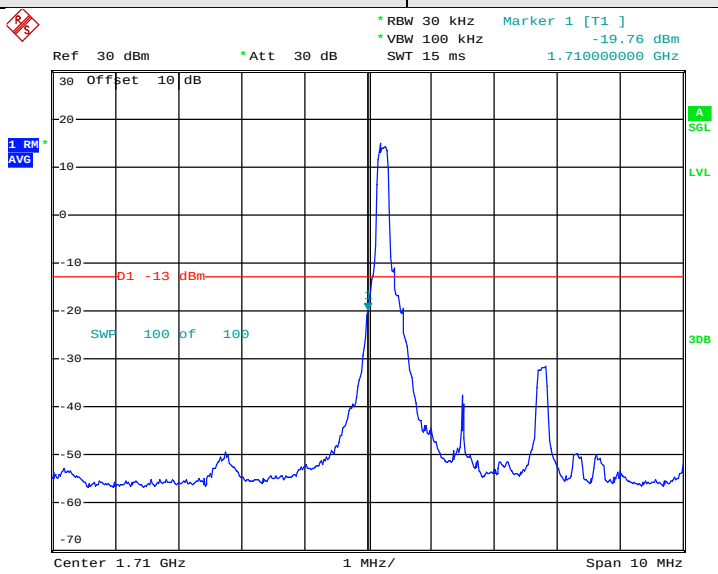
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.752 G	1.755 G	30.00 k	1.753139 G	4.89	-18.11
1.755 G	1.756 G	30.00 k	1.755016 G	-34.03	-21.03
1.756 G	1.758 G	1.00 M	1.756403 G	-23.18	-10.18

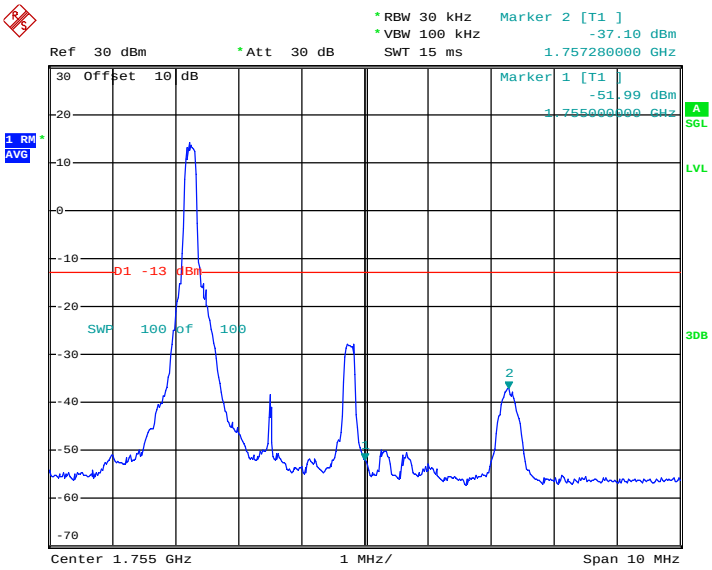
Highest channel

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

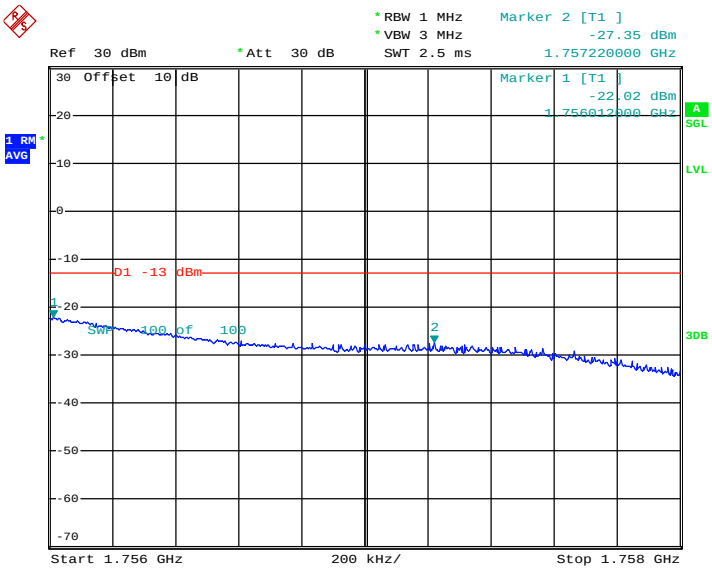


Date: 12.JAN.2015 19:29:37

Lowest channel



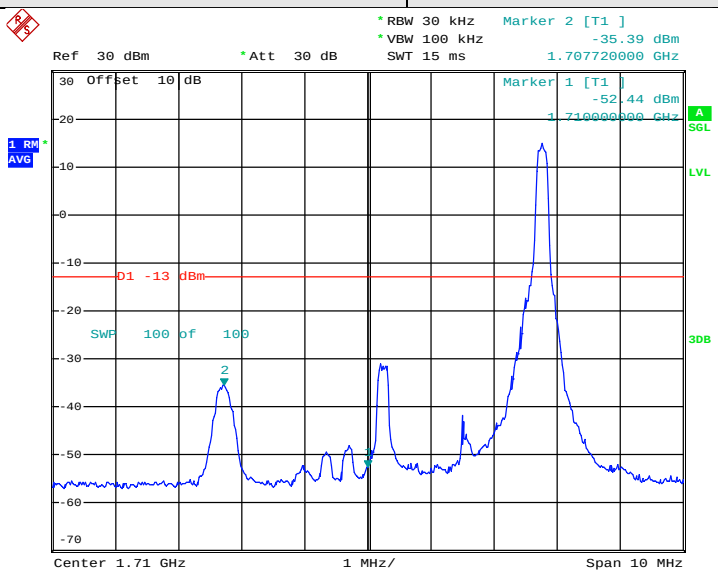
Date: 12.JAN.2015 19:33:41



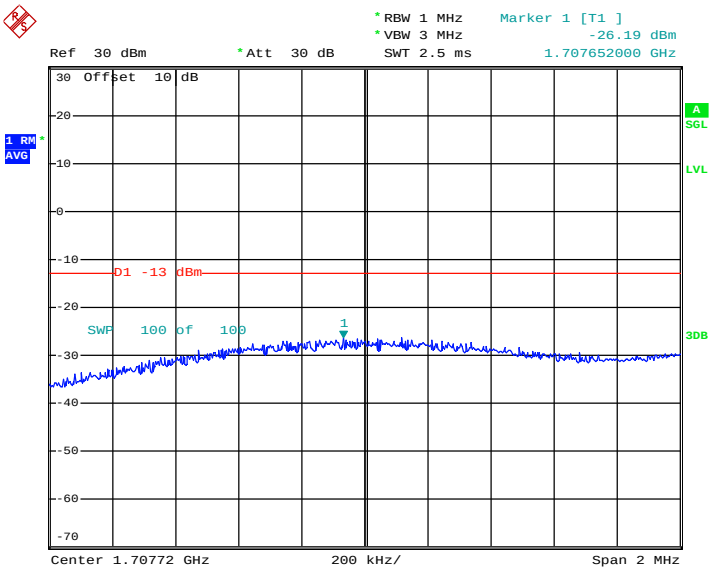
Date: 12.JAN.2015 19:35:58

Highest channel

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

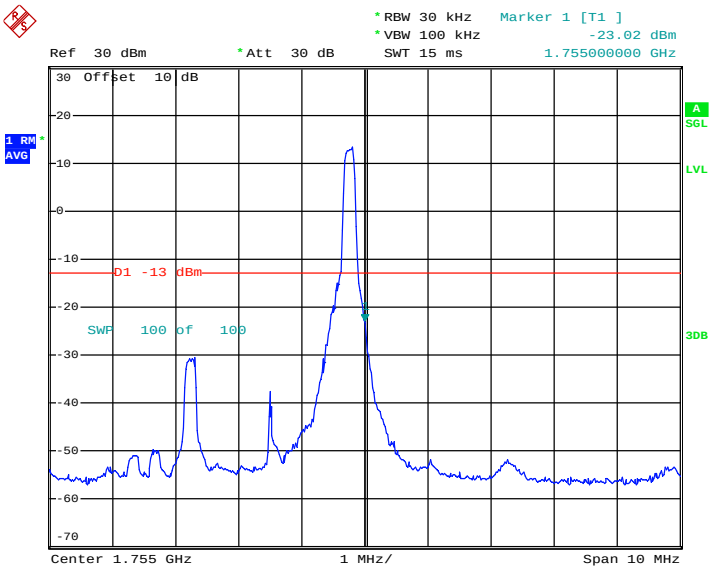


Date: 12.JAN.2015 19:30:25



Date: 12.JAN.2015 19:30:54

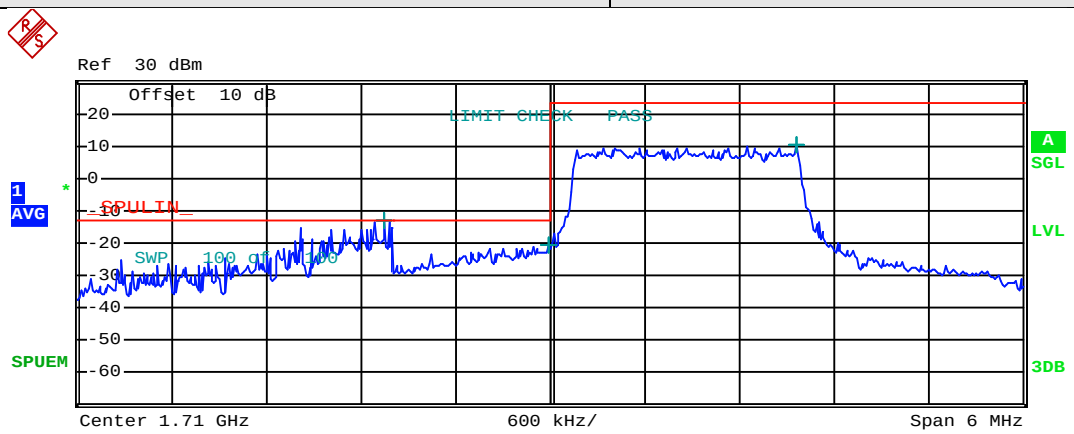
Lowest channel



Date: 12.JAN.2015 19:36:55

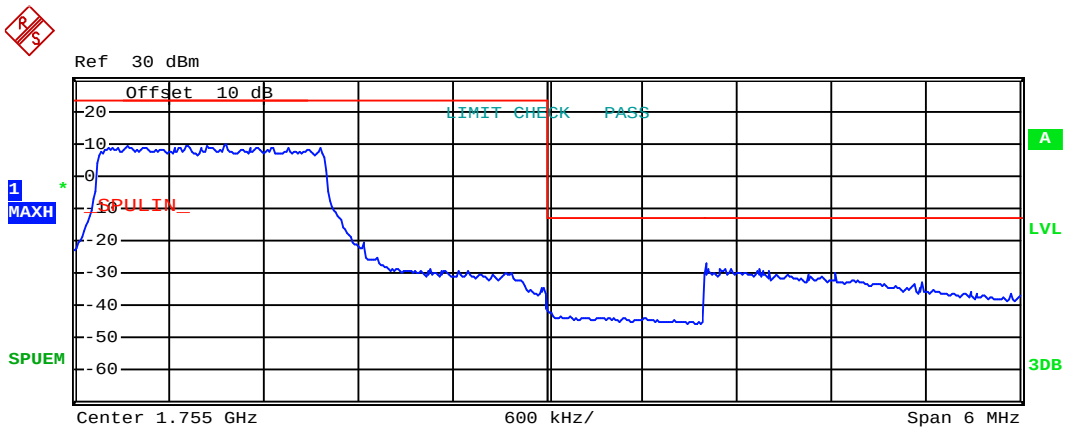
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.707 G	1.709 G	1.00 M	1.708944 G	-13.13	-0.13
1.709 G	1.710 G	30.00 k	1.709983 G	-20.58	-7.58
1.710 G	1.713 G	30.00 k	1.711564 G	10.35	-12.65

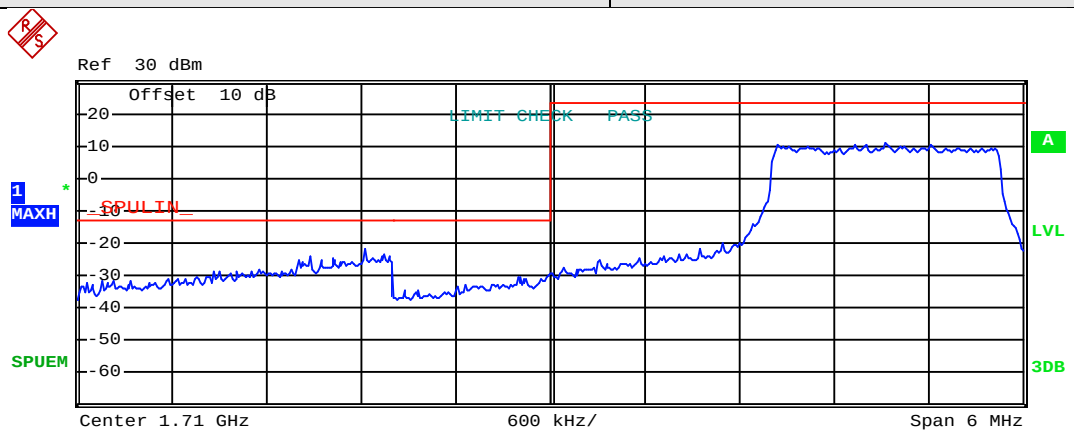
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.752 G	1.755 G	30.00 k	1.752956 G	9.70	-13.30
1.755 G	1.756 G	30.00 k	1.755008 G	-42.04	-29.04
1.756 G	1.758 G	1.00 M	1.756016 G	-26.94	-13.94

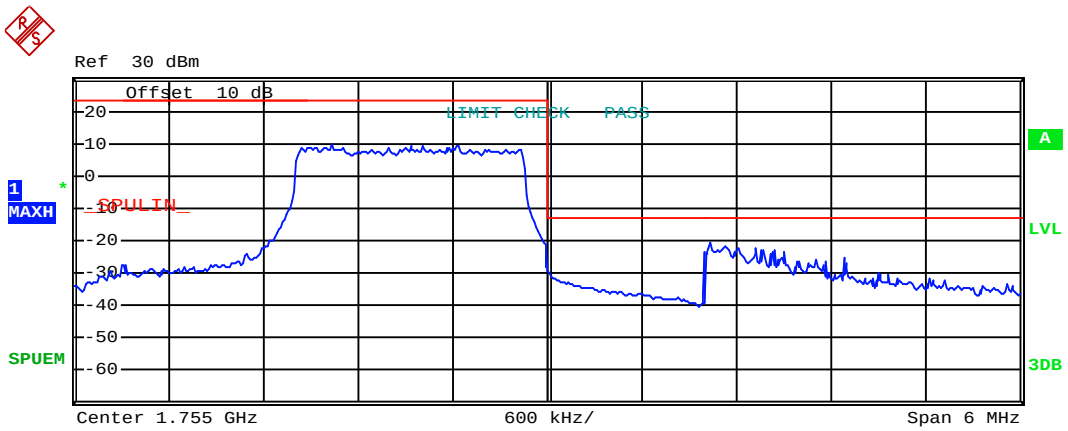
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.707 G	1.709 G	1.00 M	1.708824 G	-21.78	-8.78
1.709 G	1.710 G	30.00 k	1.709998 G	-29.67	-16.67
1.710 G	1.713 G	30.00 k	1.712127 G	10.76	-12.24

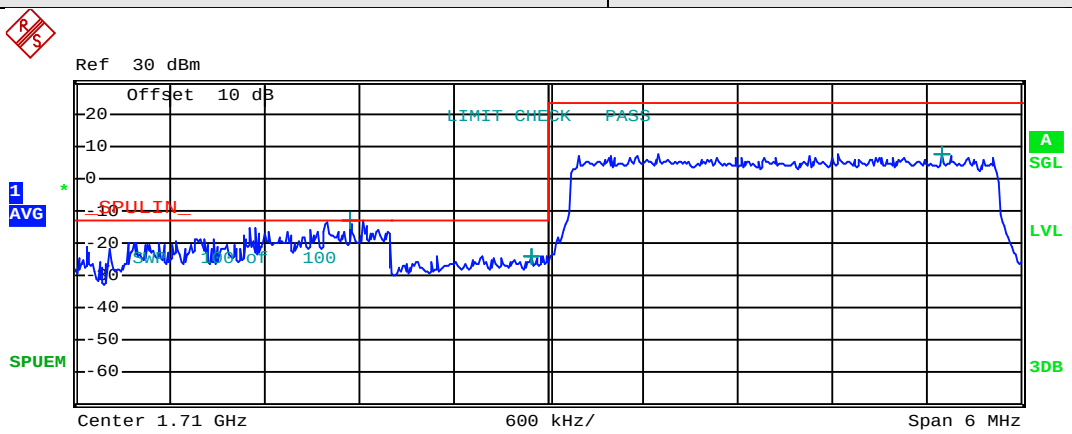
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.752 G	1.755 G	30.00 k	1.753630 G	9.56	-13.44
1.755 G	1.756 G	30.00 k	1.755008 G	-29.69	-16.69
1.756 G	1.758 G	1.00 M	1.756032 G	-20.80	-7.80

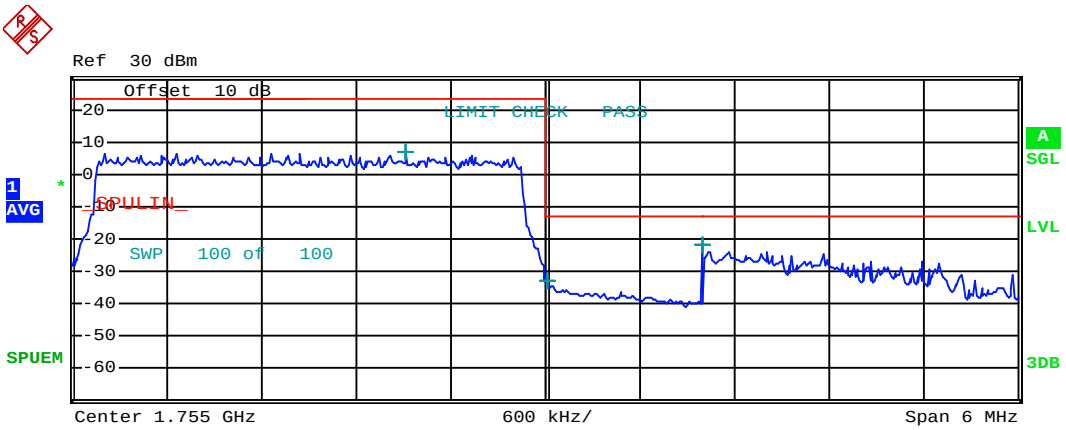
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.707 G	1.709 G	1.00 M	1.708736 G	-13.14	-0.14
1.709 G	1.710 G	30.00 k	1.709890 G	-23.83	-10.83
1.710 G	1.713 G	30.00 k	1.712494 G	7.63	-15.37

Lowest channel

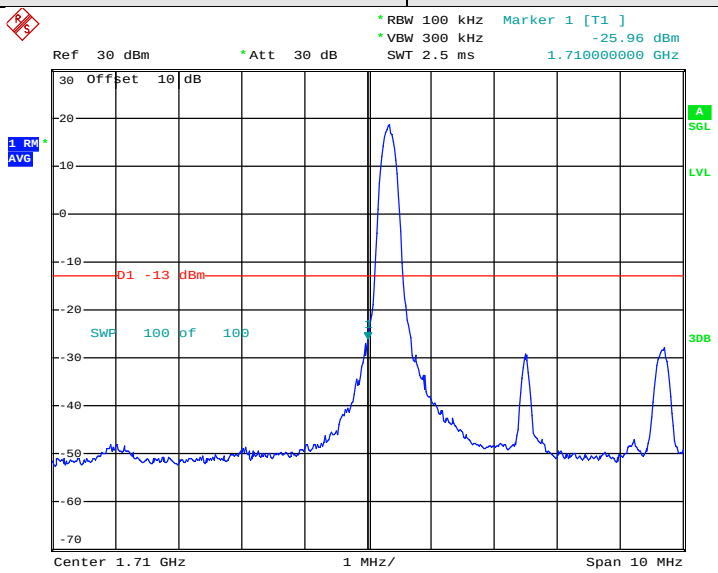


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.752 G	1.755 G	30.00 k	1.754109 G	6.76	-16.24
1.755 G	1.756 G	30.00 k	1.755008 G	-32.82	-19.82
1.756 G	1.758 G	1.00 M	1.756000 G	-22.00	-9.00

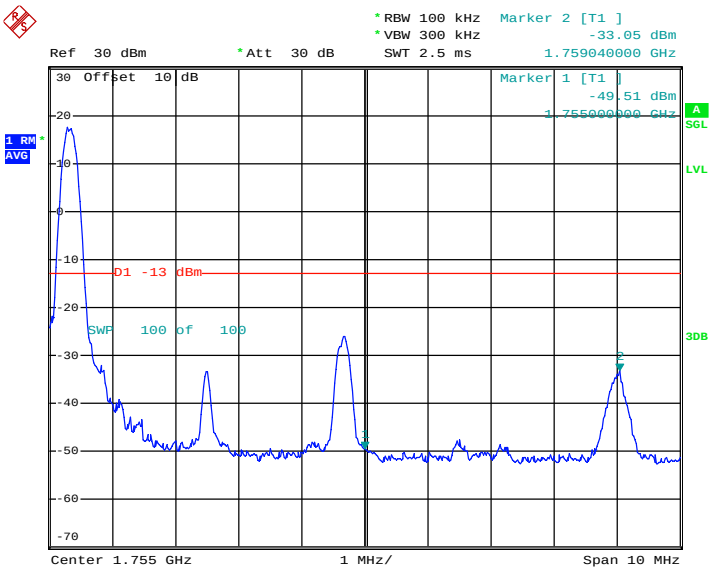
Highest channel

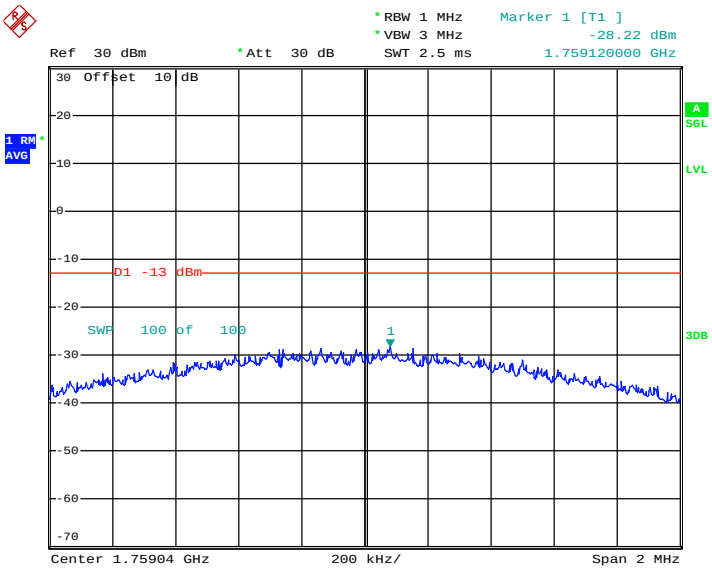
5MHz:

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



Lowest channel

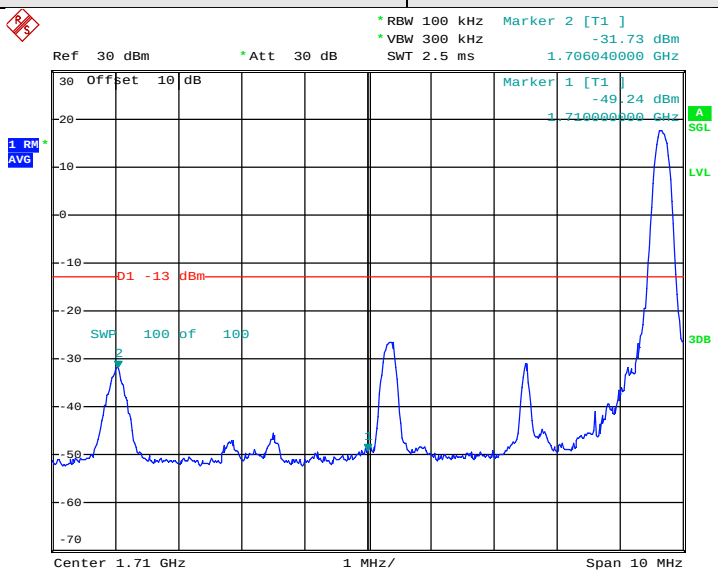




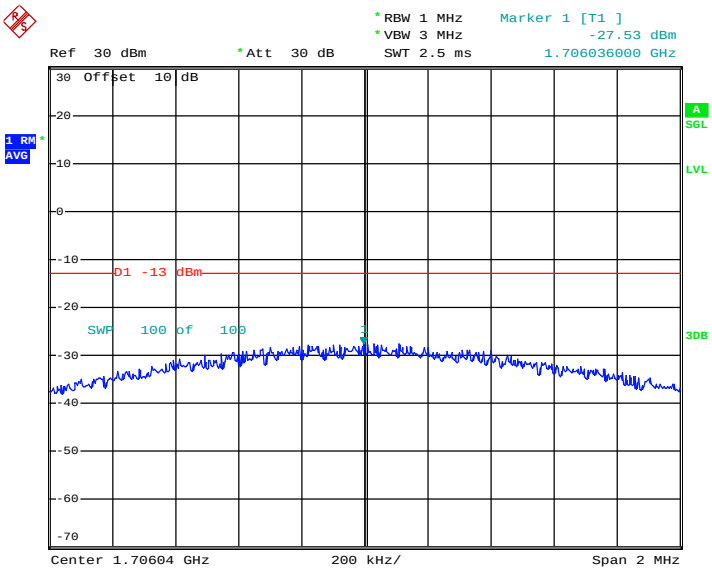
Date: 12.JAN.2015 19:49:58

Highest channel

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

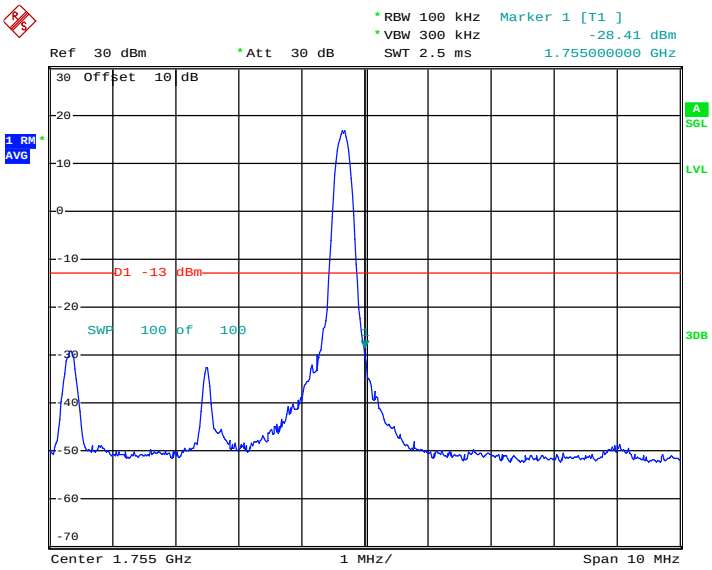


Date: 12.JAN.2015 19:42:26



Date: 12.JAN.2015 19:43:01

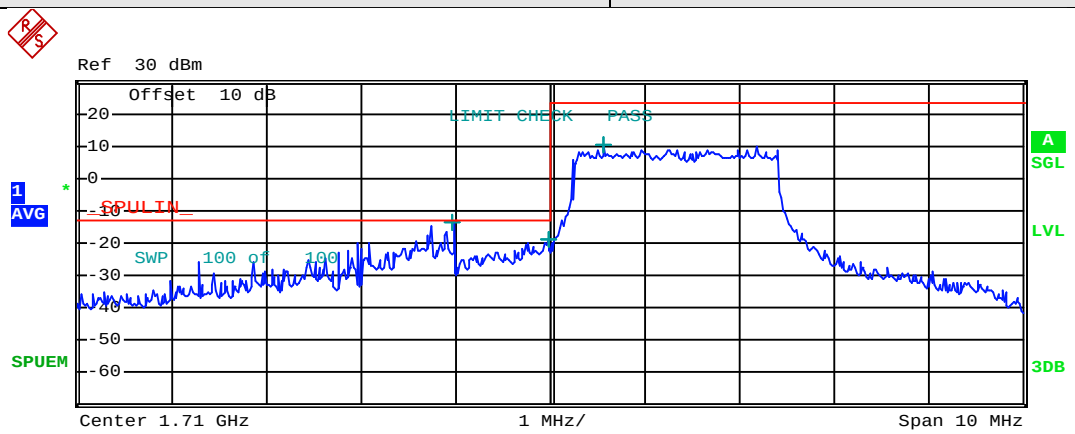
Lowest channel



Date: 12.JAN.2015 19:48:38

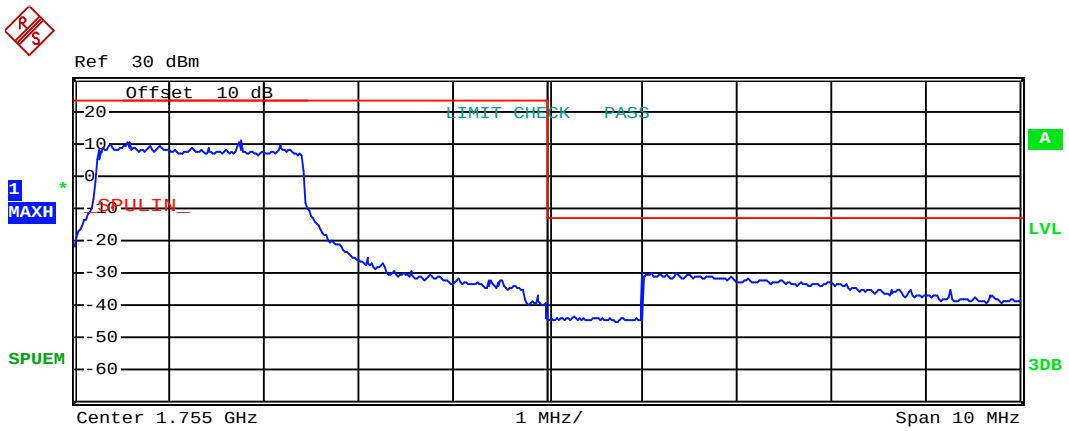
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.705 G	1.709 G	1.00 M	1.708968 G	-13.72	-0.72
1.709 G	1.710 G	50.00 k	1.709985 G	-18.80	-5.80
1.710 G	1.715 G	50.00 k	1.710557 G	10.56	-12.44

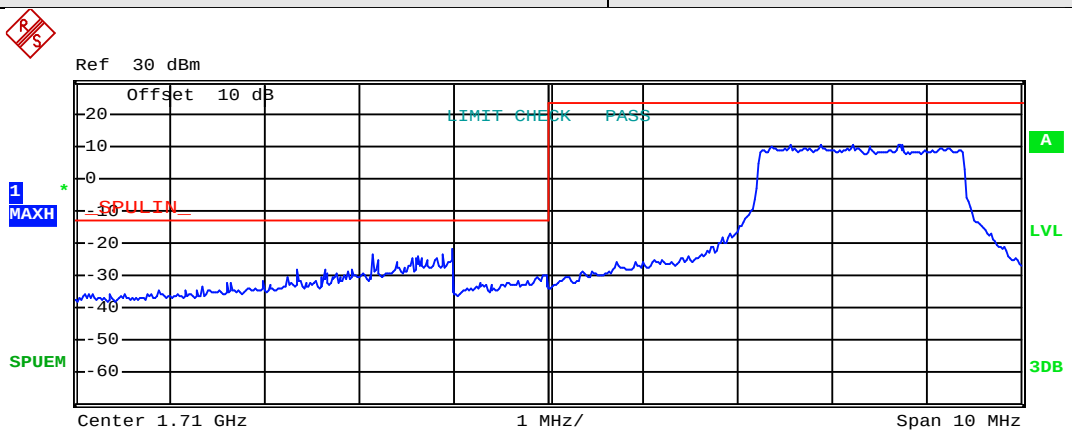
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.750 G	1.755 G	50.00 k	1.751753 G	10.93	-12.07
1.755 G	1.756 G	50.00 k	1.755532 G	-43.58	-30.58
1.756 G	1.760 G	1.00 M	1.756097 G	-29.77	-16.77

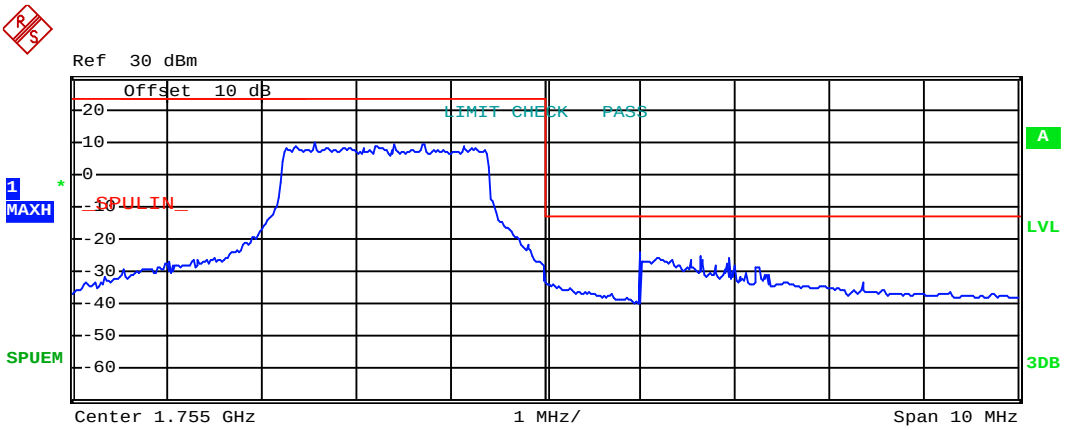
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.705 G	1.709 G	1.00 M	1.708976 G	-21.62	-8.62
1.709 G	1.710 G	50.00 k	1.709968 G	-29.69	-16.69
1.710 G	1.715 G	50.00 k	1.712872 G	10.65	-12.35

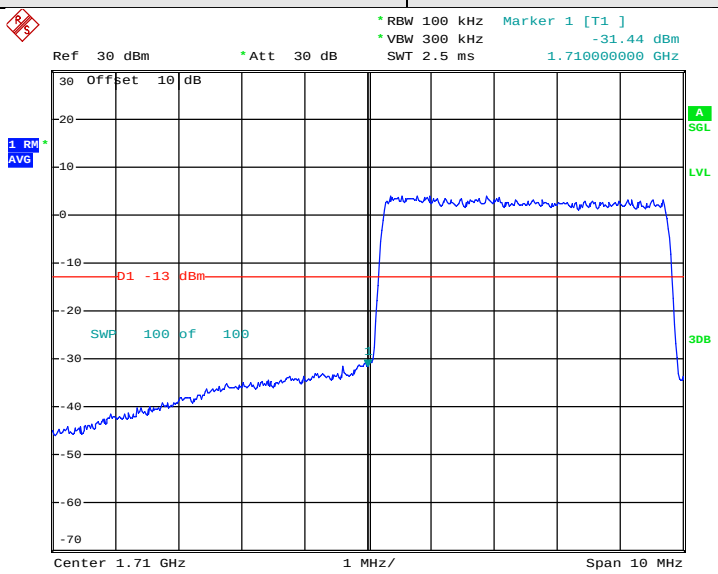
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.750 G	1.755 G	50.00 k	1.752561 G	9.74	-13.26
1.755 G	1.756 G	50.00 k	1.755065 G	-33.92	-20.92
1.756 G	1.760 G	1.00 M	1.756000 G	-23.87	-10.87

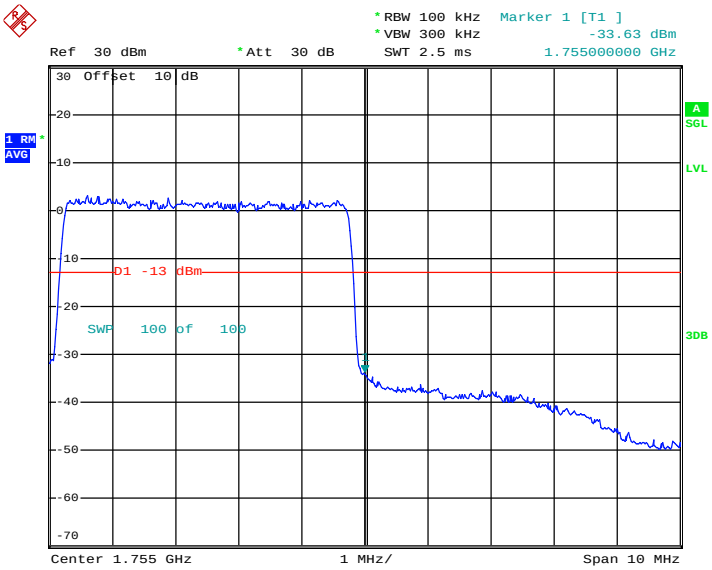
Highest channel

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



Date: 12.JAN.2015 19:44:35

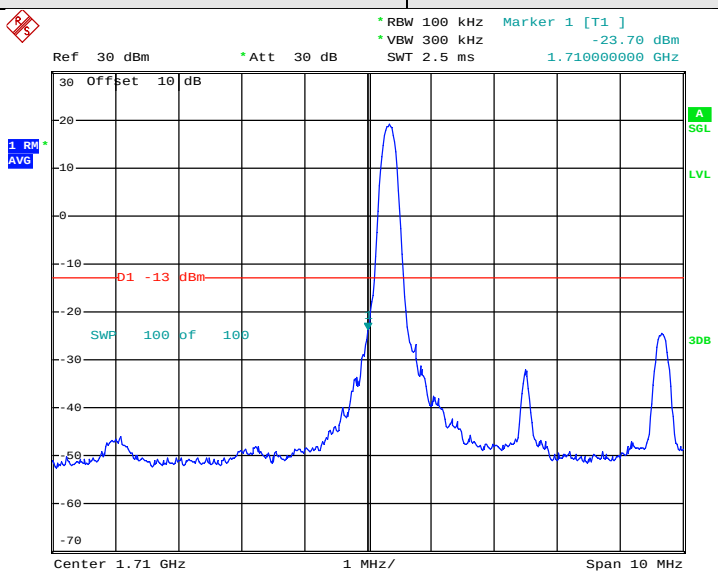
Lowest channel



Date: 12.JAN.2015 19:45:14

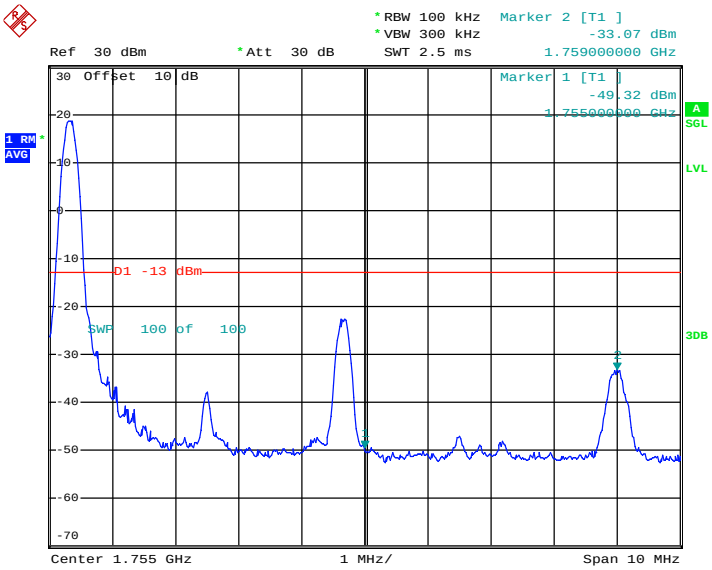
Highest channel

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

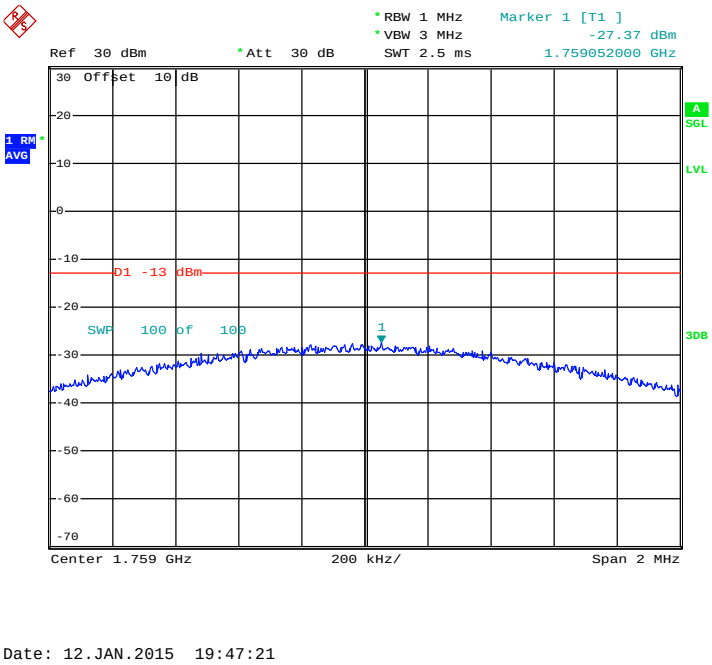


Date: 12.JAN.2015 19:40:42

Lowest channel

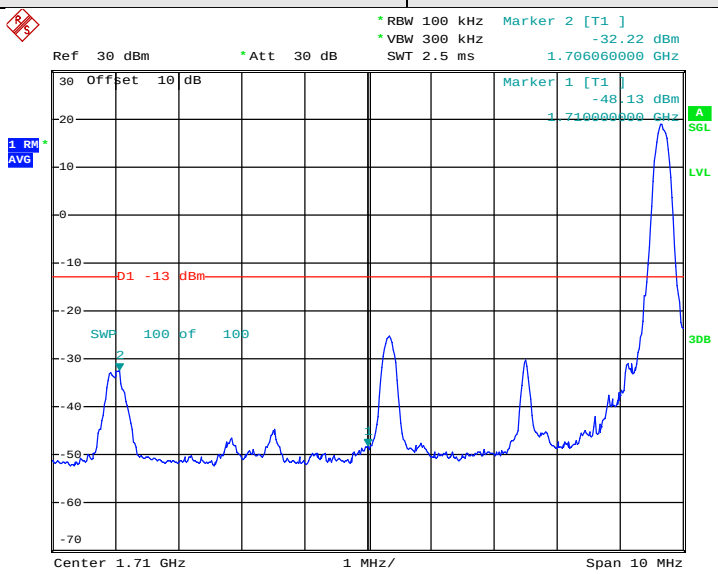


Date: 12.JAN.2015 19:46:15

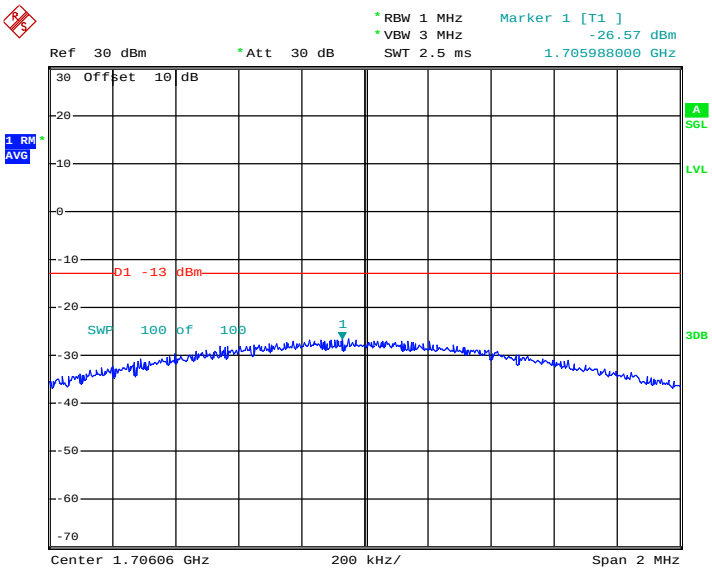


Highest channel

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

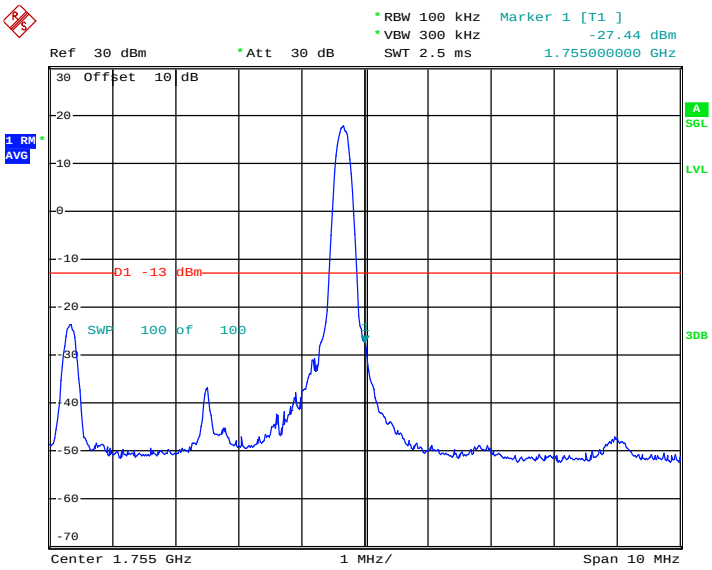


Date: 12.JAN.2015 19:41:13



Date: 12.JAN.2015 19:41:40

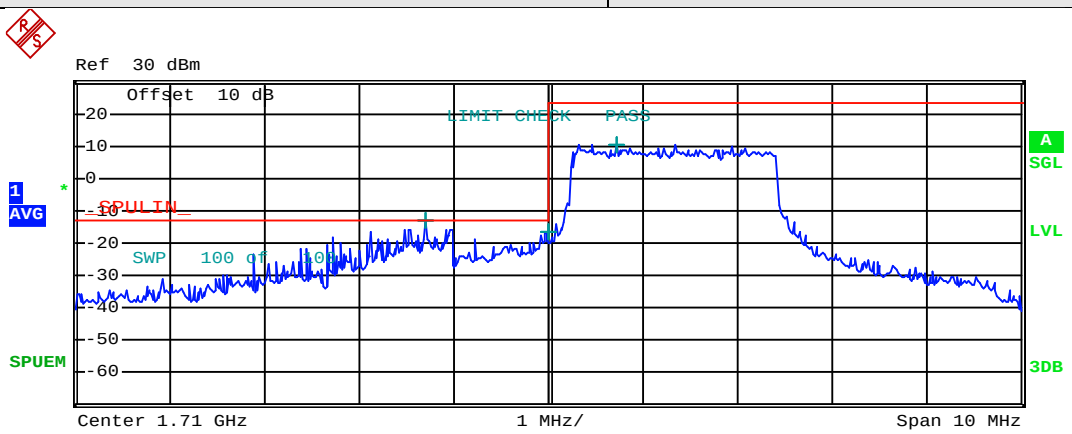
Lowest channel



Date: 12.JAN.2015 19:48:14

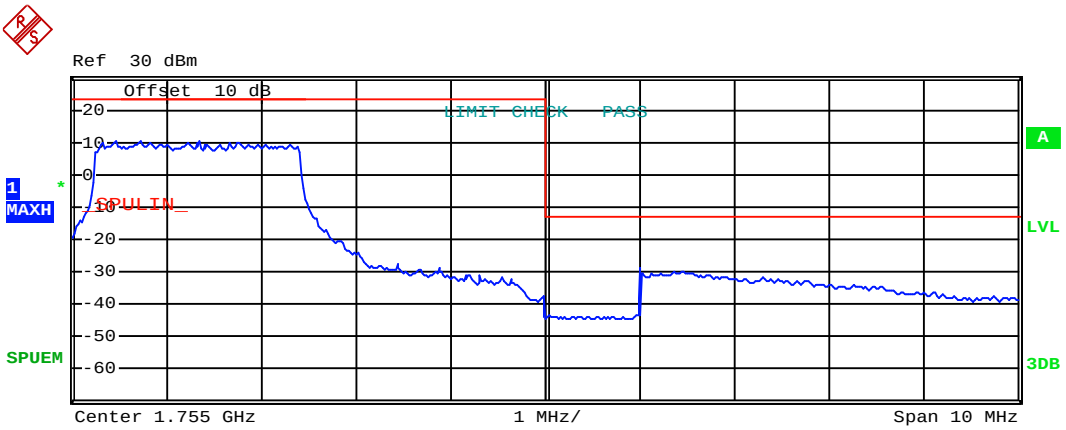
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.705 G	1.709 G	1.00 M	1.708696 G	-13.16	-0.16
1.709 G	1.710 G	50.00 k	1.709992 G	-16.72	-3.72
1.710 G	1.715 G	50.00 k	1.710722 G	10.66	-12.34

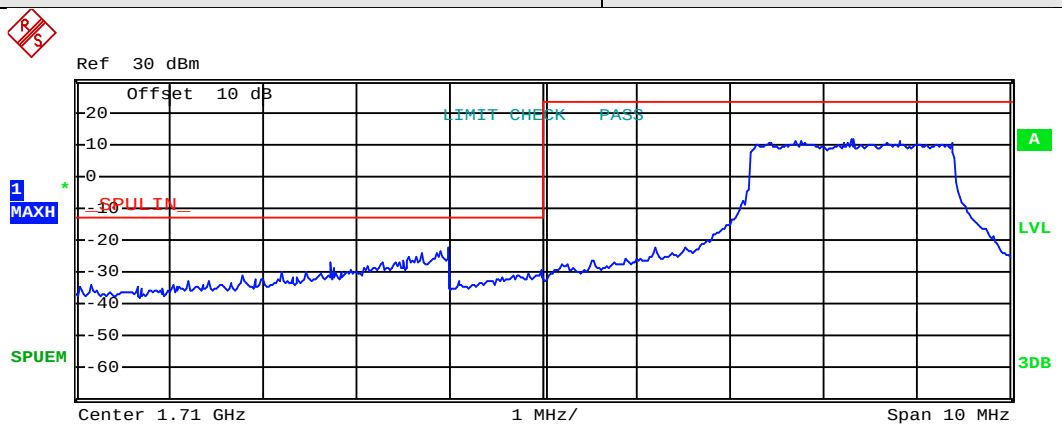
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.750 G	1.755 G	50.00 k	1.750453 G	10.39	-12.61
1.755 G	1.756 G	50.00 k	1.755032 G	-43.33	-30.33
1.756 G	1.760 G	1.00 M	1.756000 G	-28.93	-15.93

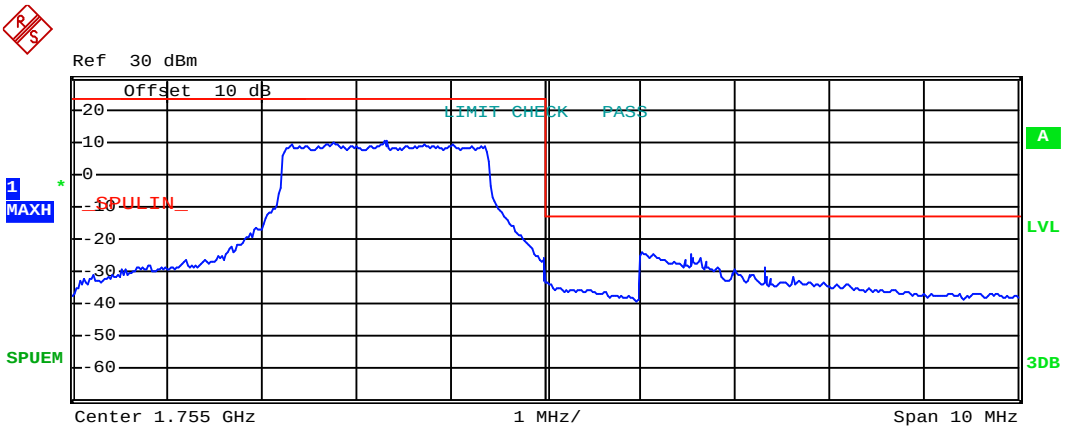
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.705 G	1.709 G	1.00 M	1.708992 G	-22.50	-9.50
1.709 G	1.710 G	50.00 k	1.709995 G	-29.49	-16.49
1.710 G	1.715 G	50.00 k	1.713306 G	11.78	-11.22

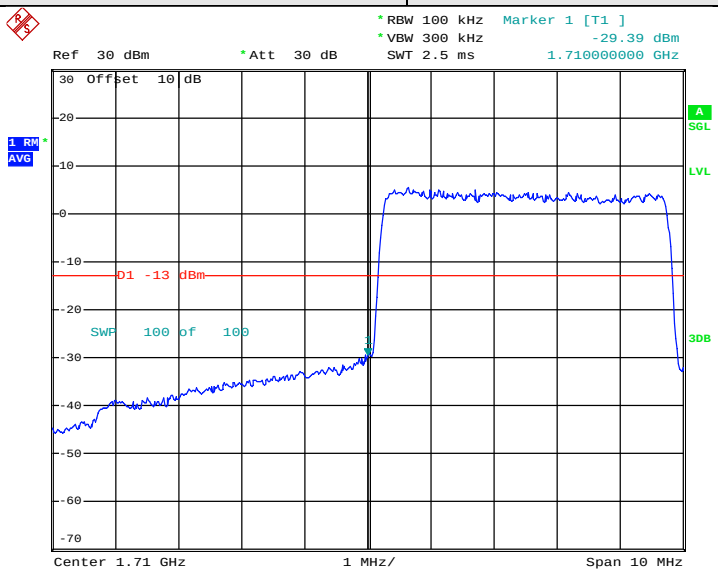
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.750 G	1.755 G	50.00 k	1.753313 G	10.48	-12.52
1.755 G	1.756 G	50.00 k	1.755016 G	-33.62	-20.62
1.756 G	1.760 G	1.00 M	1.756032 G	-24.04	-11.04

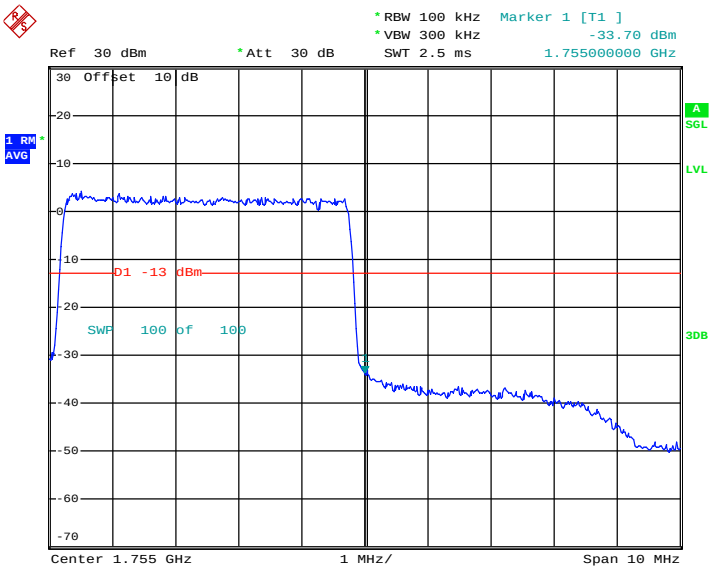
Highest channel

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



Date: 12.JAN.2015 19:44:17

Lowest channel

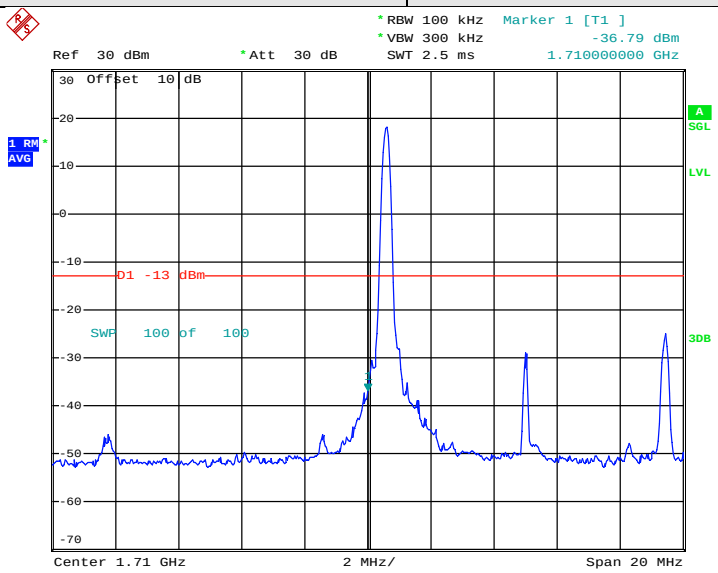


Date: 12.JAN.2015 19:45:34

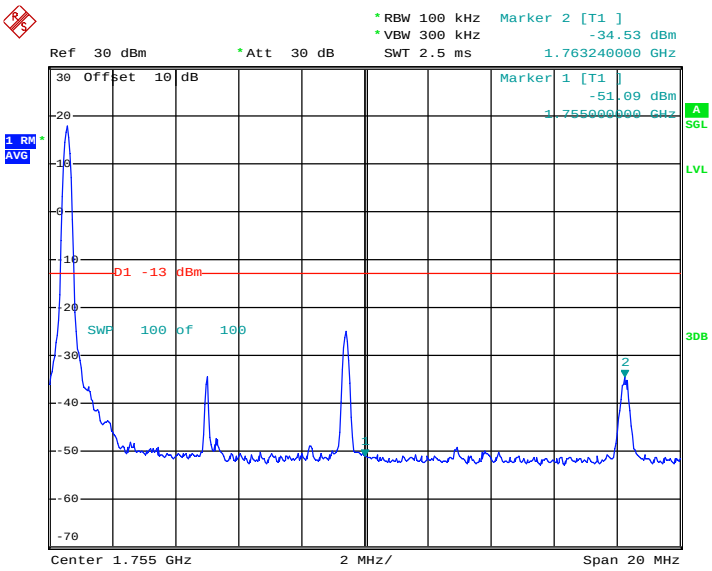
Highest channel

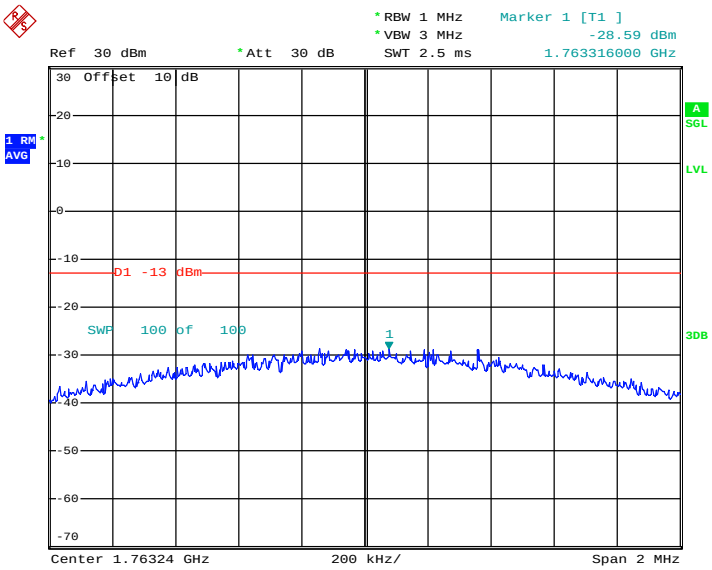
10MHz:

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



Lowest channel

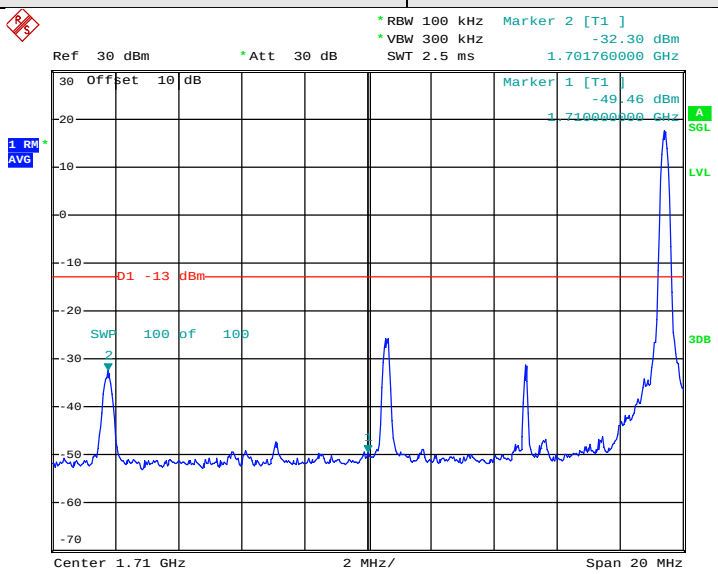




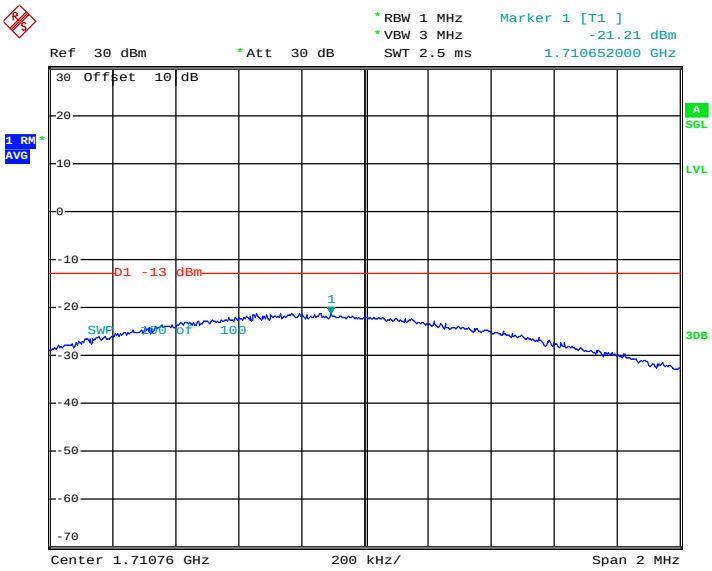
Date: 12.JAN.2015 20:43:02

Highest channel

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

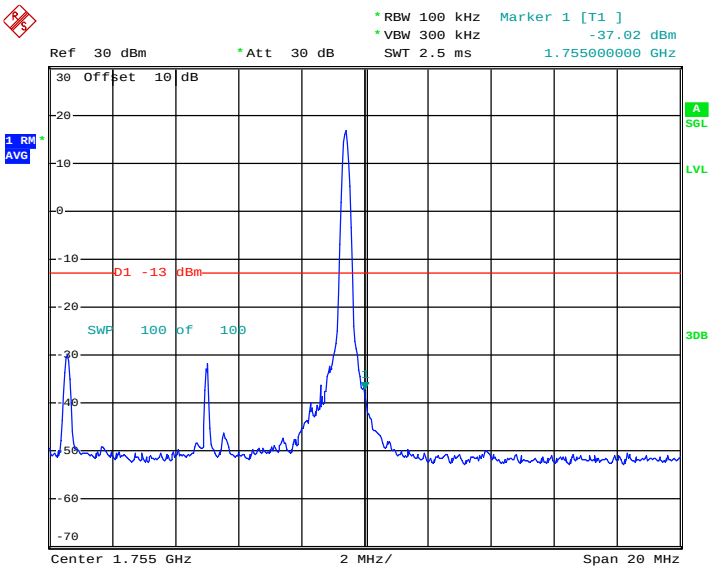


Date: 12.JAN.2015 20:36:48



Date: 12.JAN.2015 20:37:19

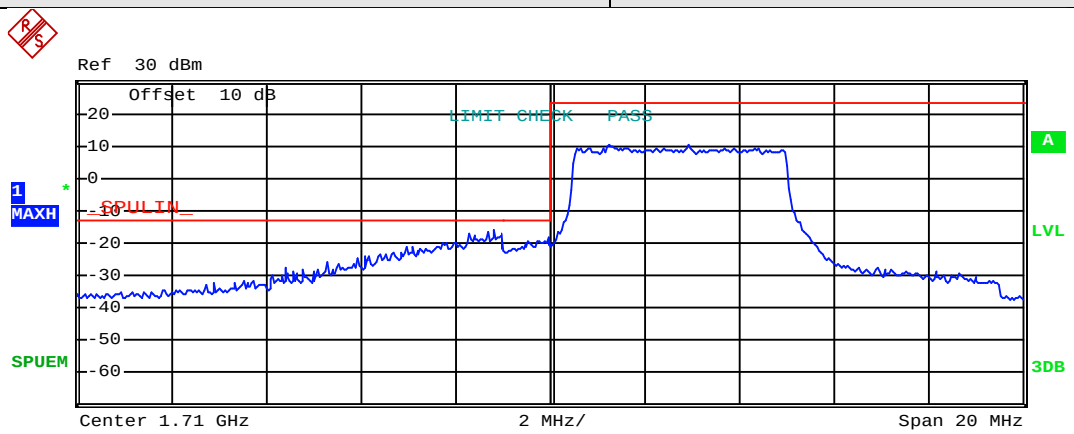
Lowest channel



Date: 12.JAN.2015 20:45:02

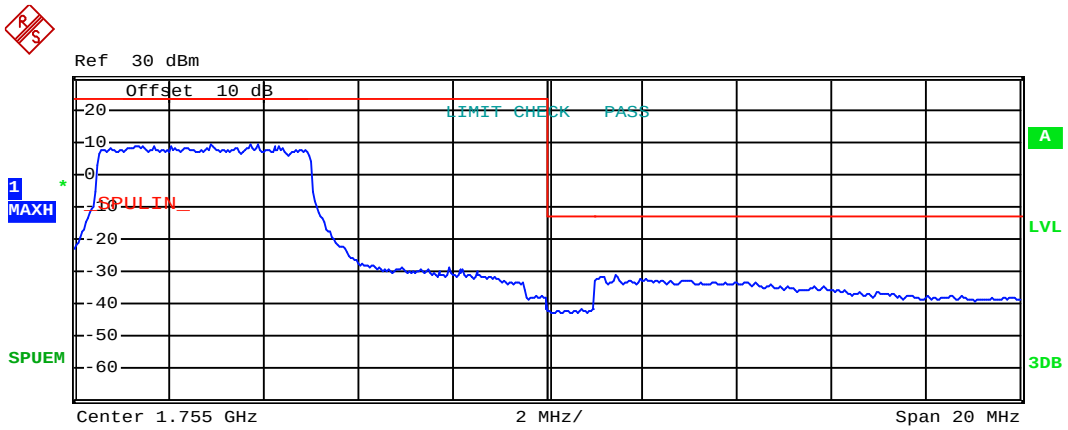
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.700 G	1.709 G	1.00 M	1.708766 G	-16.03	-3.03
1.709 G	1.710 G	100.00 k	1.709999 G	-17.99	-4.99
1.710 G	1.720 G	100.00 k	1.712918 G	10.34	-12.66

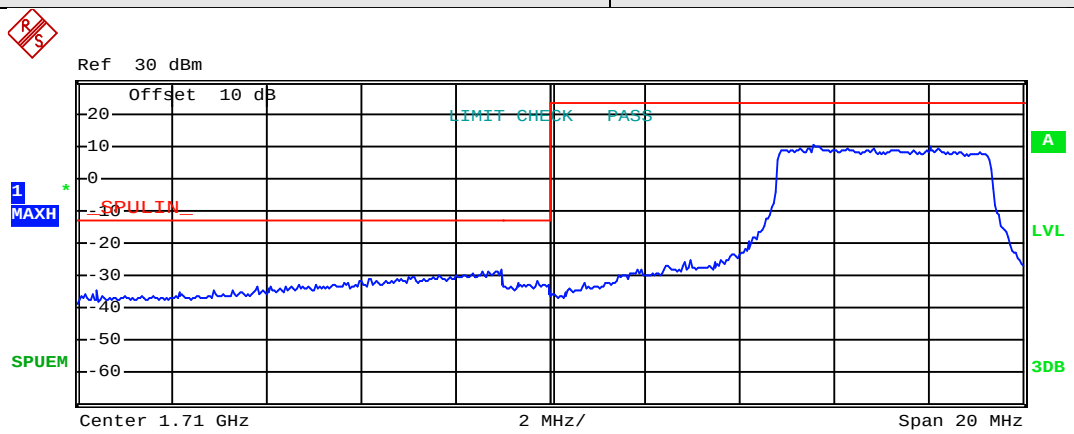
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.745 G	1.755 G	100.00 k	1.747899 G	9.49	-13.51
1.755 G	1.756 G	100.00 k	1.755694 G	-41.69	-28.69
1.756 G	1.765 G	1.00 M	1.756435 G	-31.19	-18.19

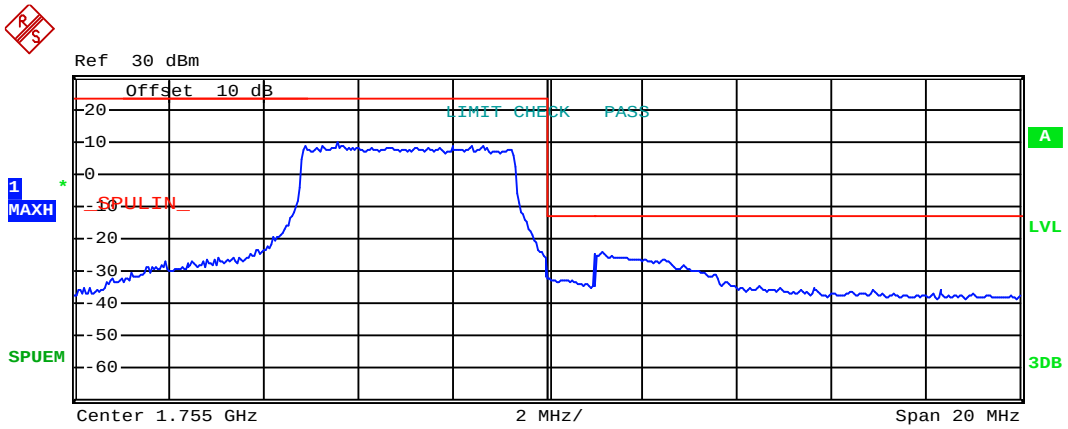
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.700 G	1.709 G	1.00 M	1.708982 G	-28.37	-15.37
1.709 G	1.710 G	100.00 k	1.709712 G	-31.98	-18.98
1.710 G	1.720 G	100.00 k	1.715578 G	10.35	-12.65

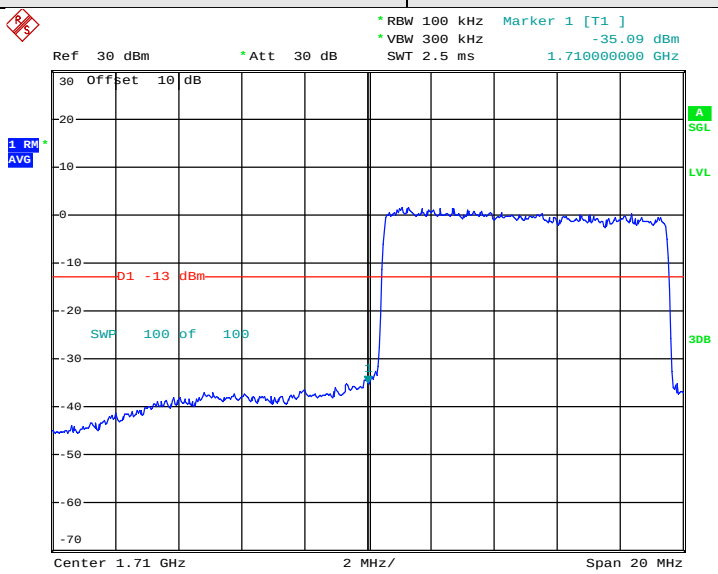
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.745 G	1.755 G	100.00 k	1.750571 G	9.58	-13.42
1.755 G	1.756 G	100.00 k	1.755008 G	-32.35	-19.35
1.756 G	1.765 G	1.00 M	1.756145 G	-24.16	-11.16

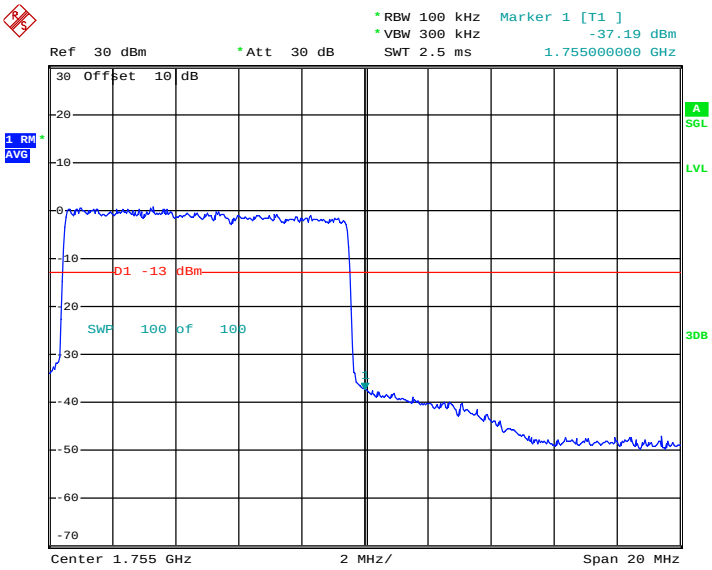
Highest channel

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



Date: 12.JAN.2015 20:39:55

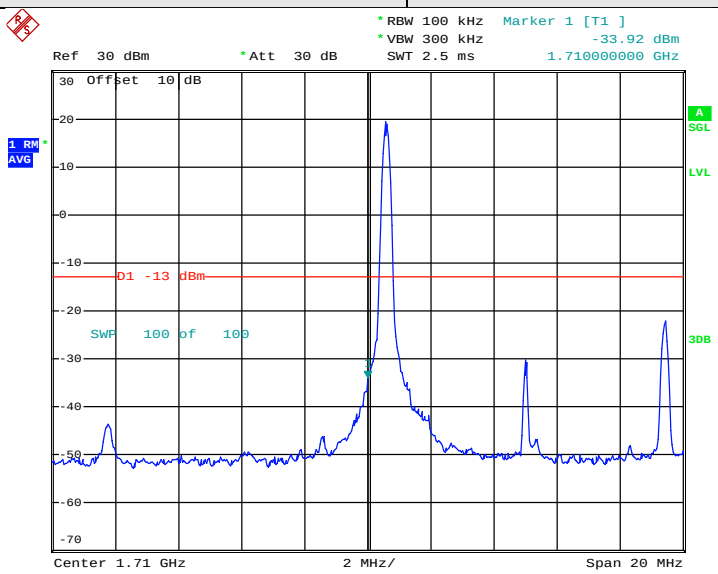
Lowest channel



Date: 12.JAN.2015 20:40:37

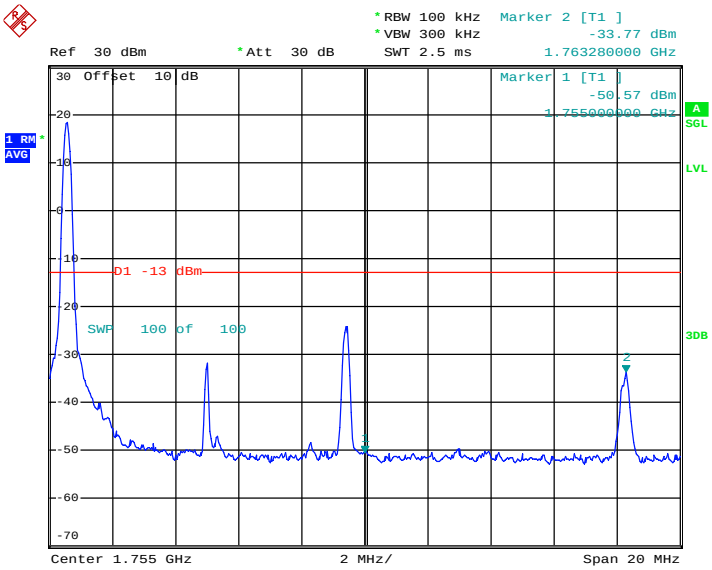
Highest channel

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

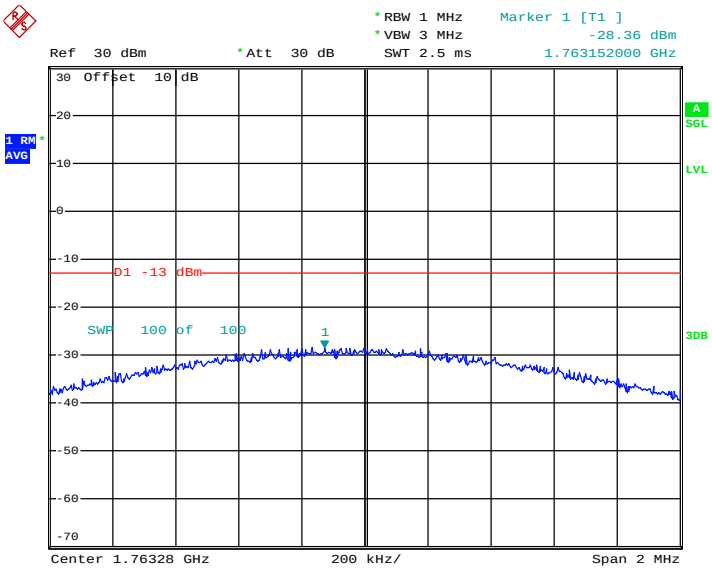


Date: 12.JAN.2015 20:35:37

Lowest channel



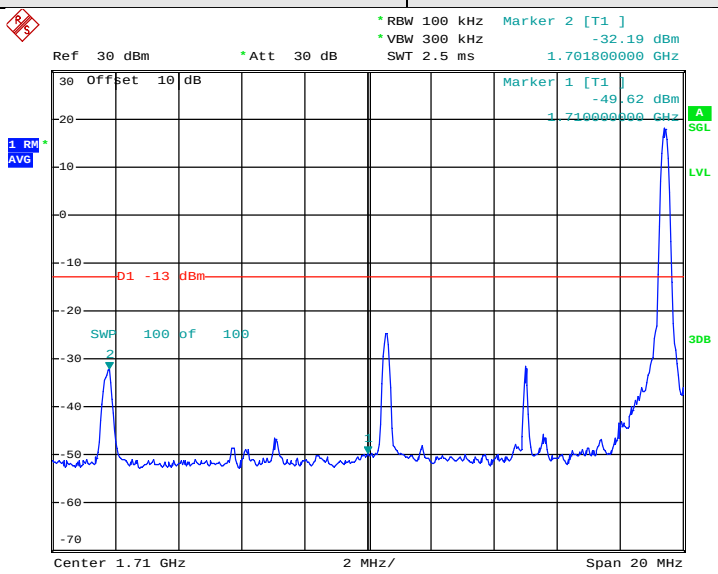
Date: 12.JAN.2015 20:41:26



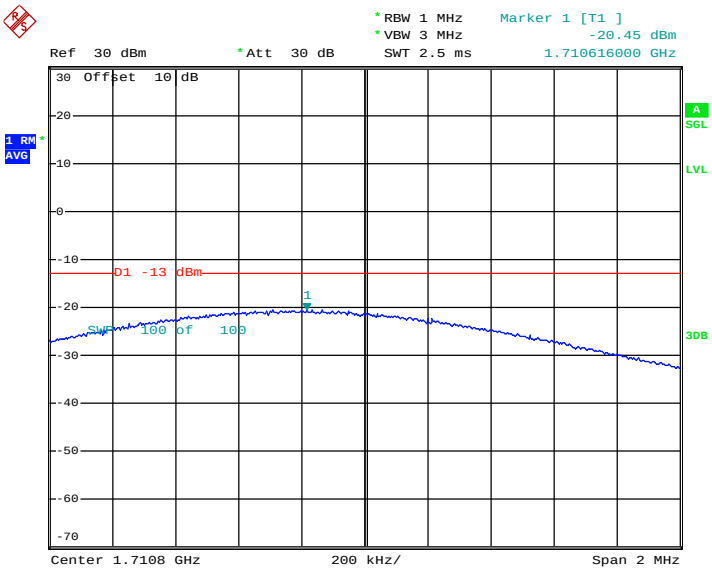
Date: 12.JAN.2015 20:41:51

Highest channel

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

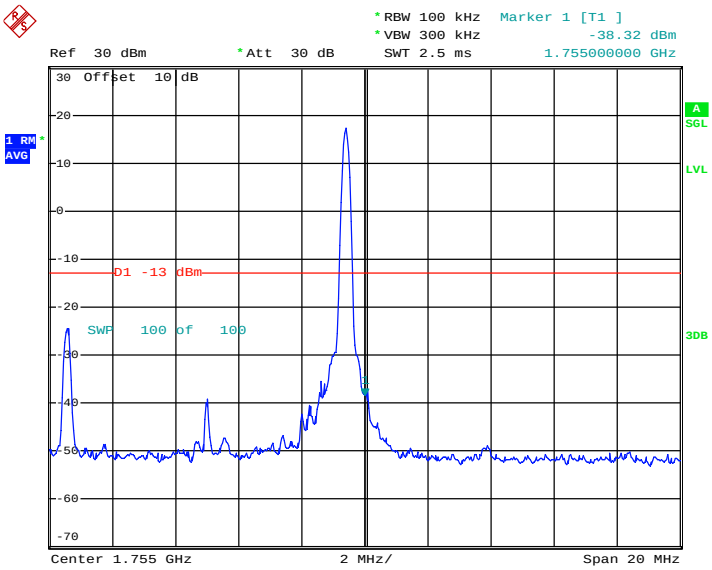


Date: 12.JAN.2015 20:38:16



Date: 12.JAN.2015 20:38:40

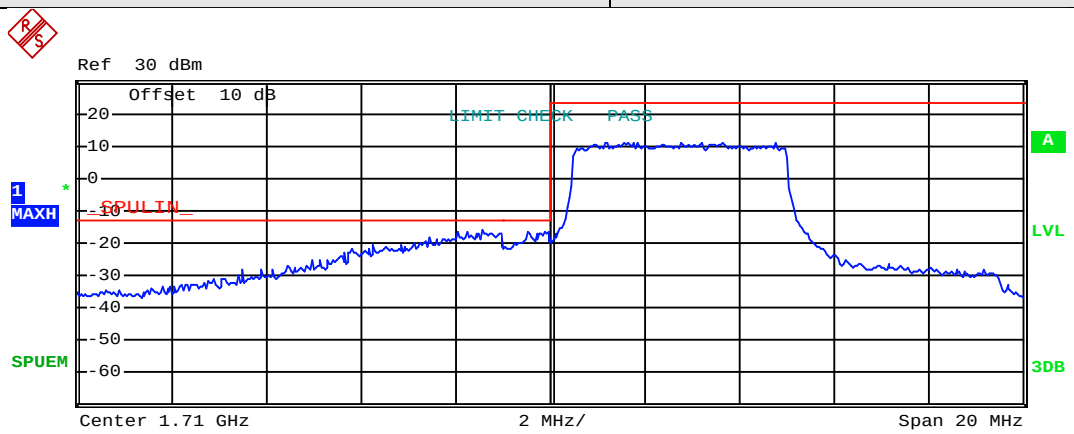
Lowest channel



Date: 12.JAN.2015 20:45:23

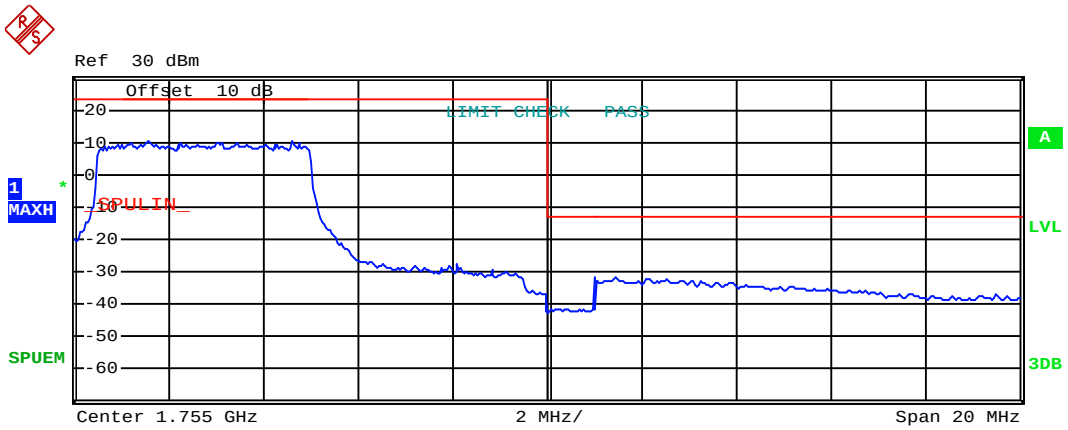
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.700 G	1.709 G	1.00 M	1.708550 G	-15.94	-2.94
1.709 G	1.710 G	100.00 k	1.709874 G	-16.31	-3.31
1.710 G	1.720 G	100.00 k	1.711656 G	11.05	-11.95

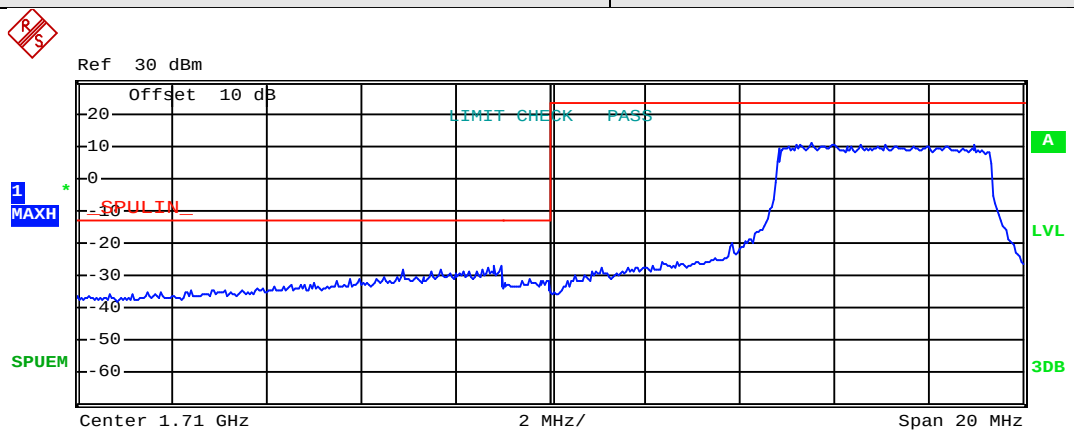
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.745 G	1.755 G	100.00 k	1.746566 G	10.23	-12.77
1.755 G	1.756 G	100.00 k	1.755444 G	-41.05	-28.05
1.756 G	1.765 G	1.00 M	1.756000 G	-31.75	-18.75

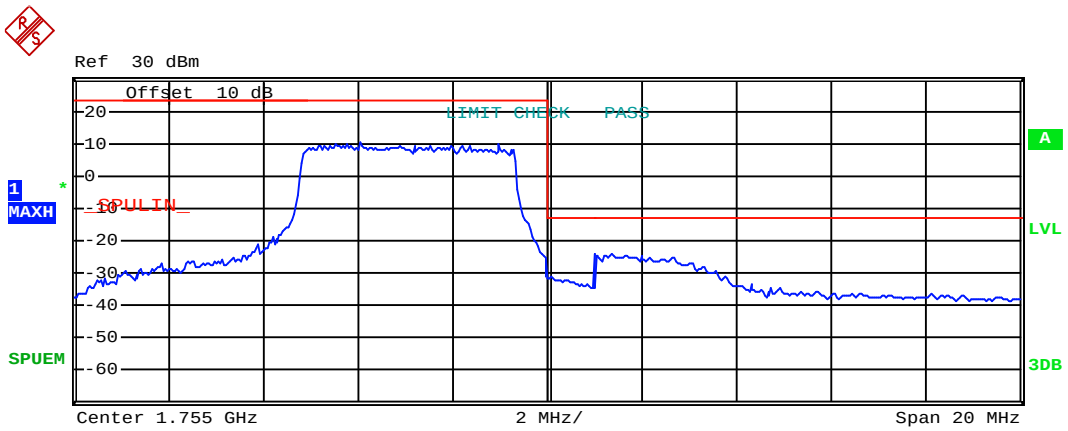
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.700 G	1.709 G	1.00 M	1.708766 G	-27.22	-14.22
1.709 G	1.710 G	100.00 k	1.709573 G	-31.10	-18.10
1.710 G	1.720 G	100.00 k	1.715504 G	11.17	-11.83

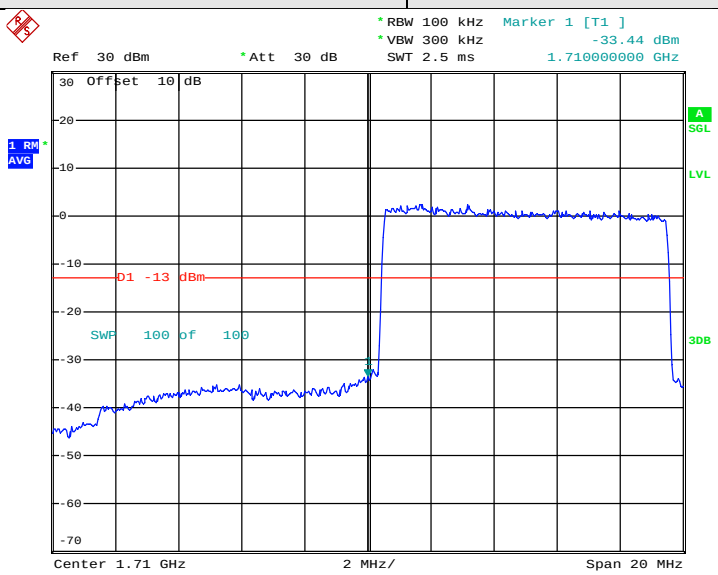
Lowest channel



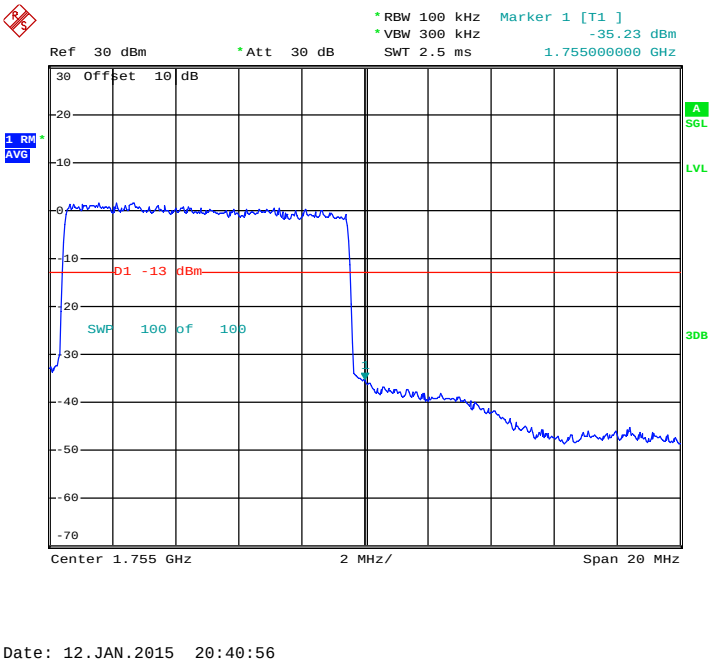
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.745 G	1.755 G	100.00 k	1.751056 G	10.14	-12.86
1.755 G	1.756 G	100.00 k	1.755081 G	-31.20	-18.20
1.756 G	1.765 G	1.00 M	1.756000 G	-24.13	-11.13

Highest channel

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



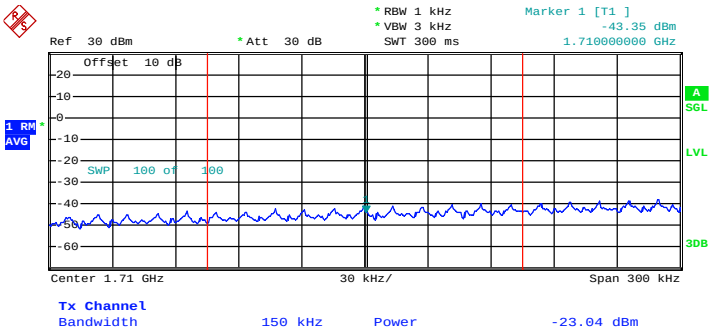
Lowest channel



Highest channel

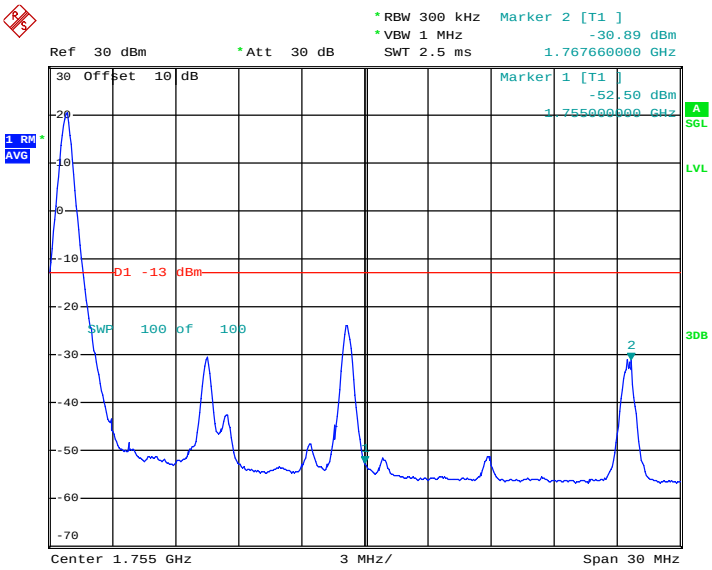
15MHz:

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

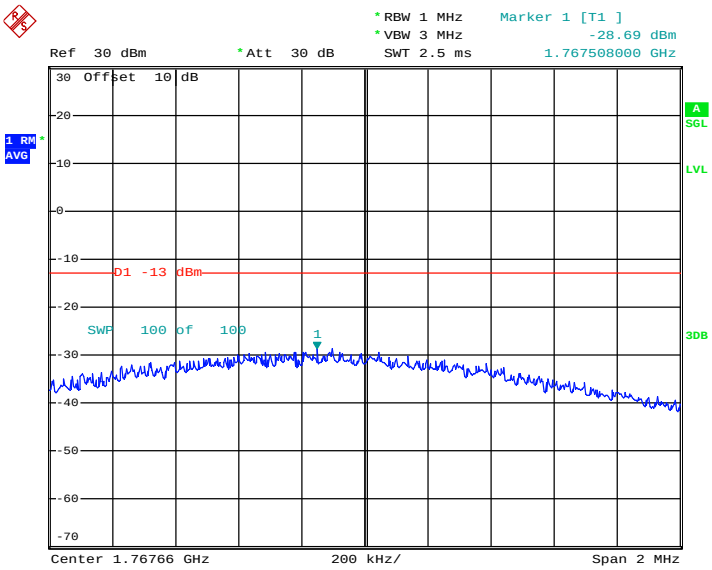


Date: 12.JAN.2015 20:52:47

Lowest channel



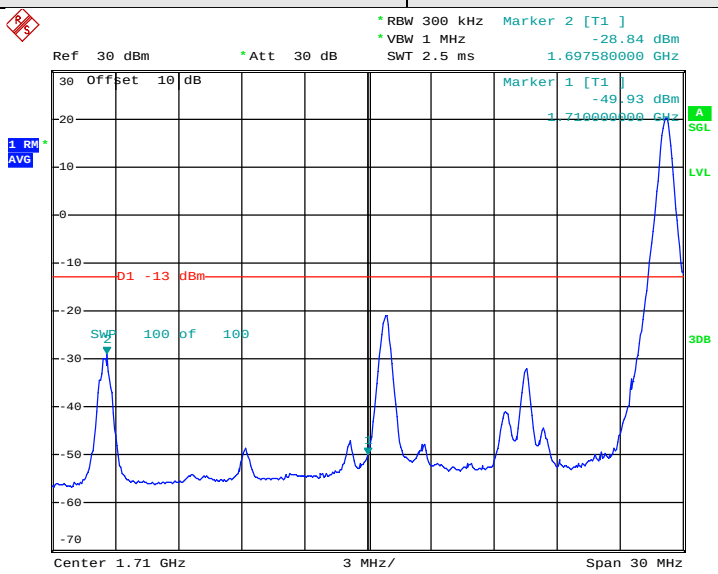
Date: 12.JAN.2015 20:59:40



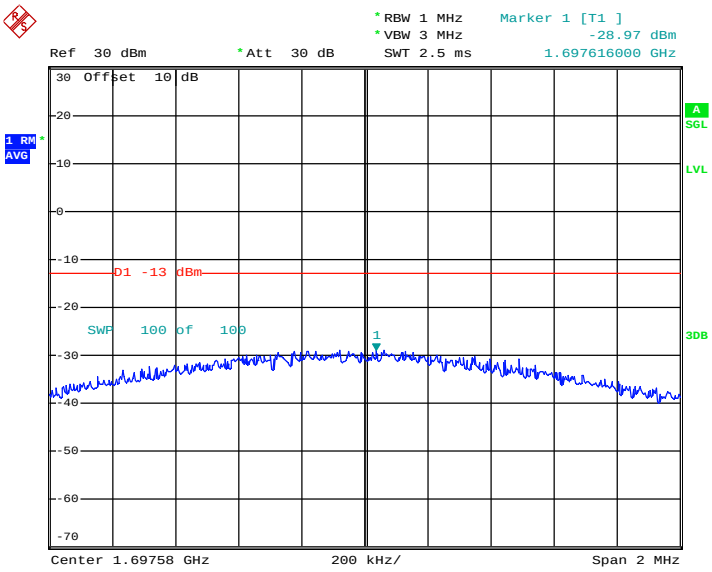
Date: 12.JAN.2015 21:00:23

Highest channel

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

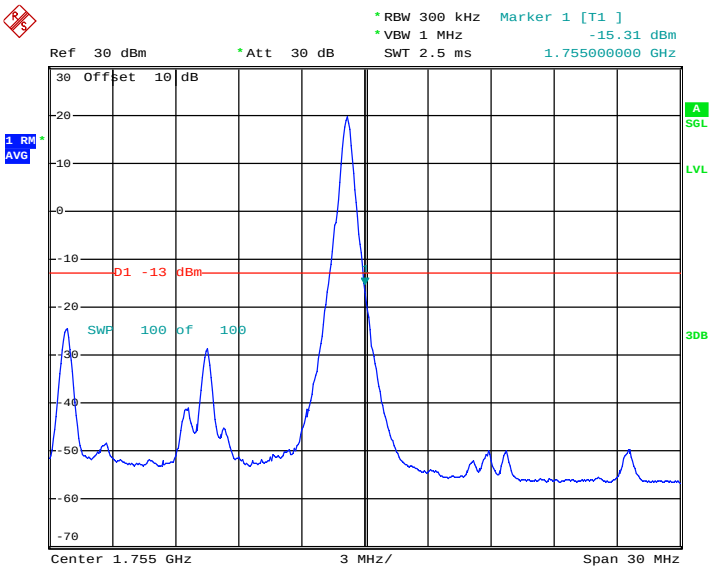


Date: 12.JAN.2015 20:53:51



Date: 12.JAN.2015 20:54:26

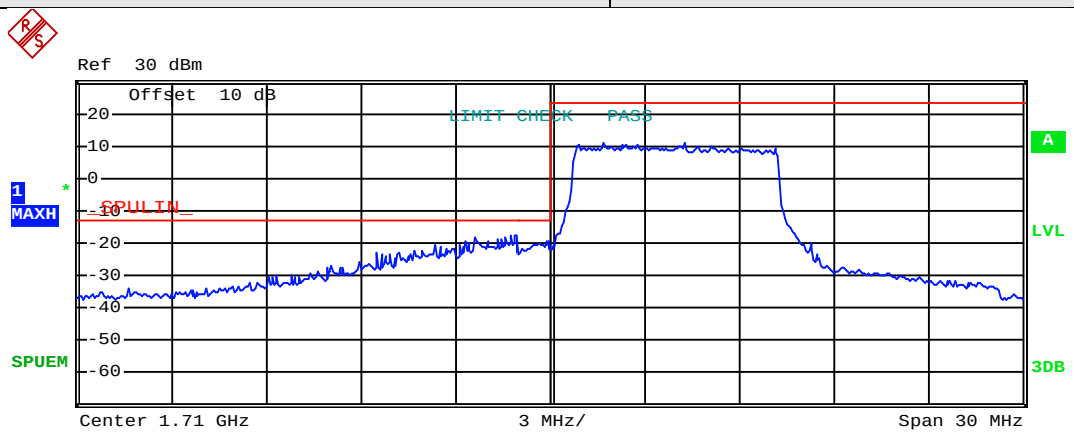
Lowest channel



Date: 12.JAN.2015 21:01:07

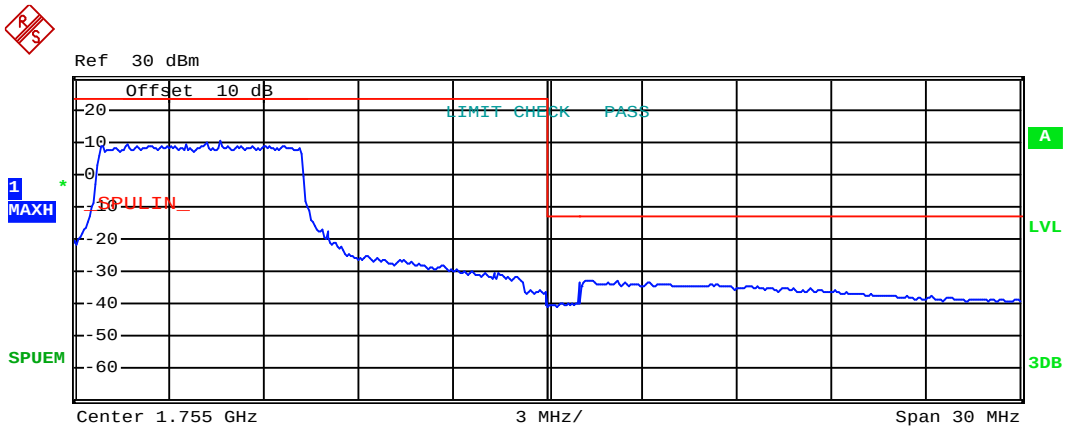
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.695 G	1.709 G	1.00 M	1.708832 G	-17.63	-4.63
1.709 G	1.710 G	150.00 k	1.709883 G	-19.53	-6.53
1.710 G	1.725 G	150.00 k	1.714234 G	10.79	-12.21

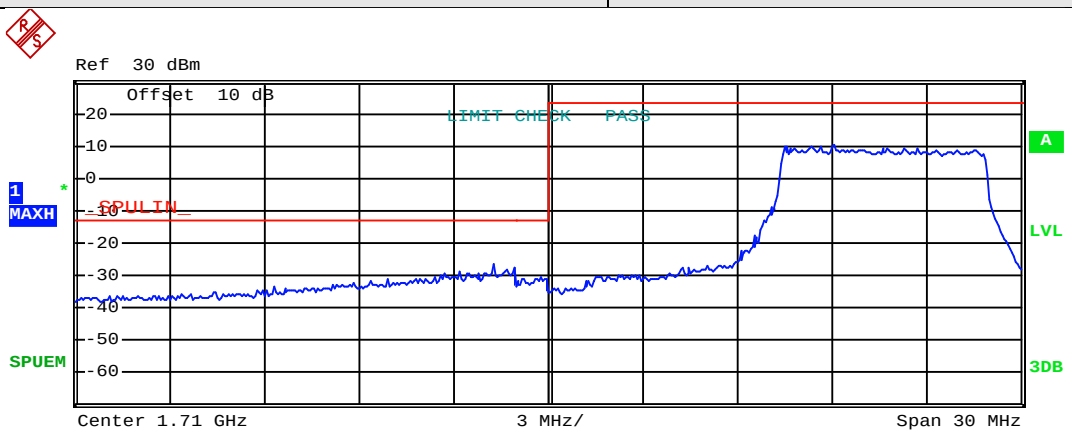
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.740 G	1.755 G	150.00 k	1.744633 G	10.13	-12.87
1.755 G	1.756 G	150.00 k	1.755919 G	-39.66	-26.66
1.756 G	1.770 G	1.00 M	1.757242 G	-32.76	-19.76

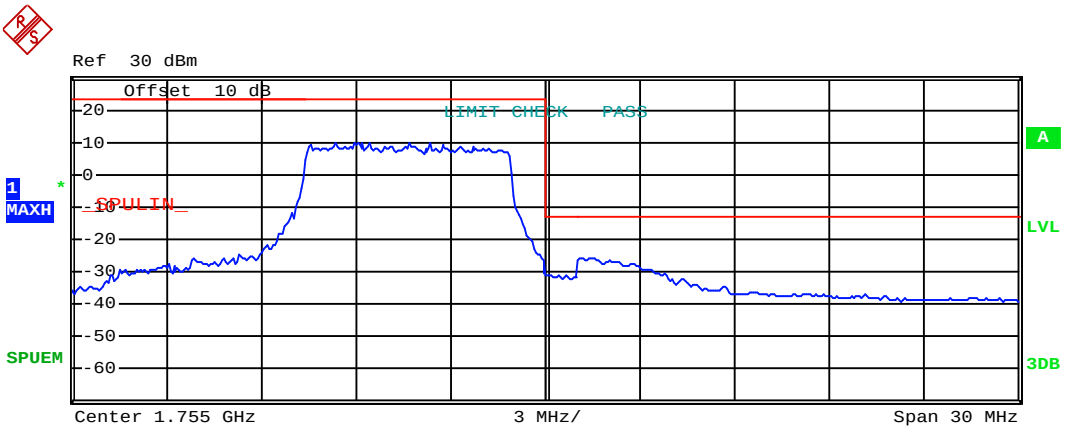
Highest channel

Test Mode:	LTE band 4(16QAM RB Size 36 & RB Offset 37)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.695 G	1.709 G	1.00 M	1.708216 G	-26.40	-13.40
1.709 G	1.710 G	150.00 k	1.709755 G	-30.61	-17.61
1.710 G	1.725 G	150.00 k	1.719047 G	10.17	-12.83

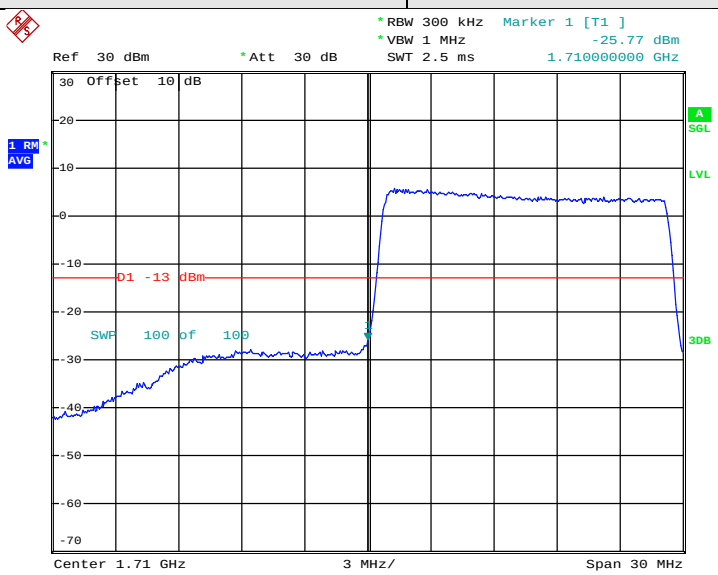
Lowest channel



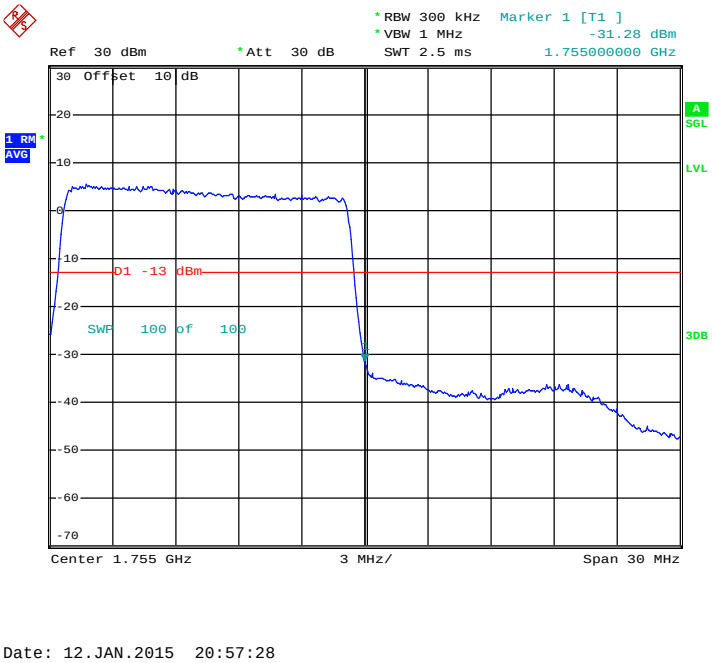
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.740 G	1.755 G	150.00 k	1.751319 G	10.10	-12.90
1.755 G	1.756 G	150.00 k	1.755629 G	-30.83	-17.83
1.756 G	1.770 G	1.00 M	1.756452 G	-25.86	-12.86

Highest channel

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

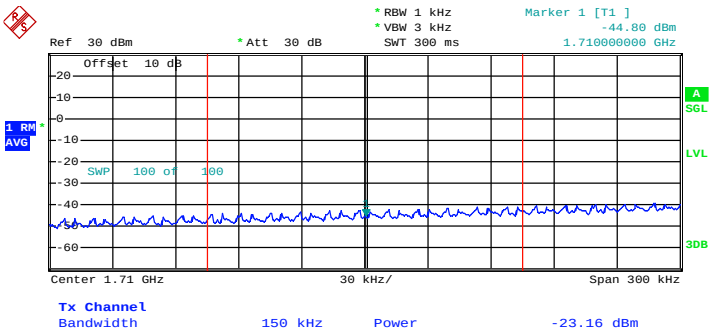


Lowest channel



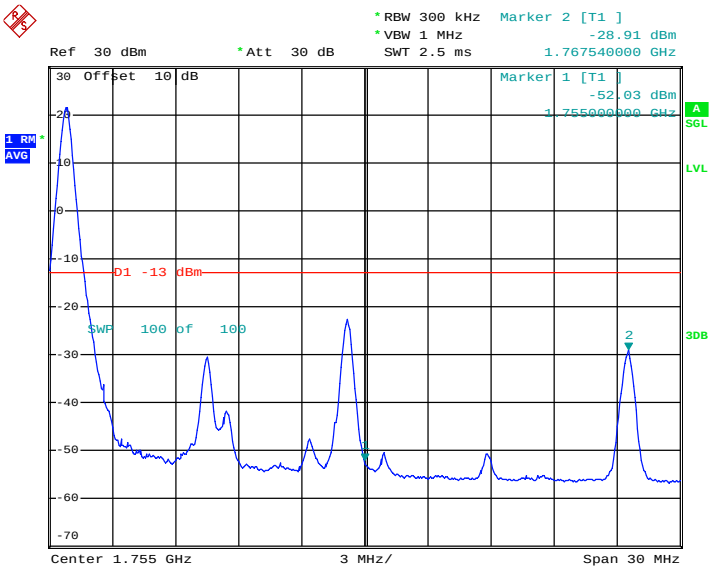
Highest channel

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

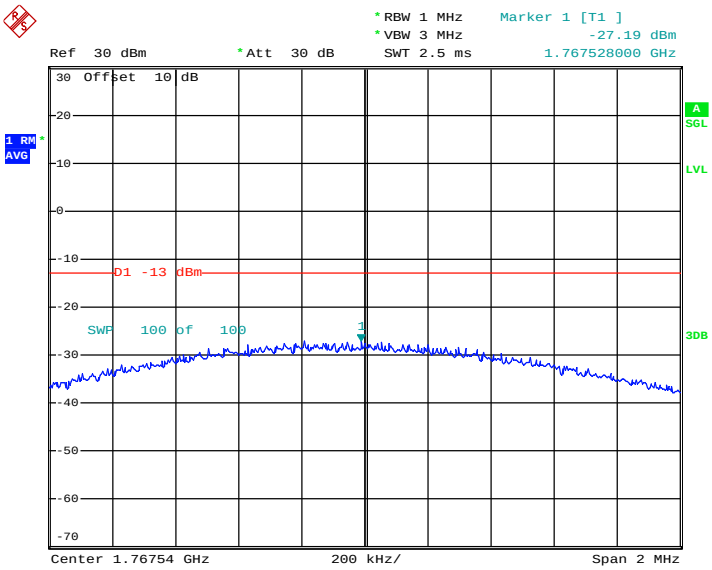


Date: 12.JAN.2015 20:50:42

Lowest channel



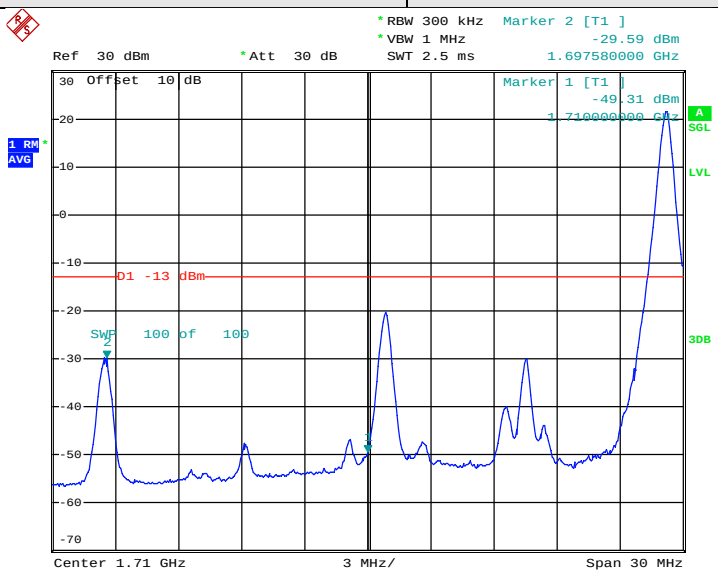
Date: 12.JAN.2015 20:58:24



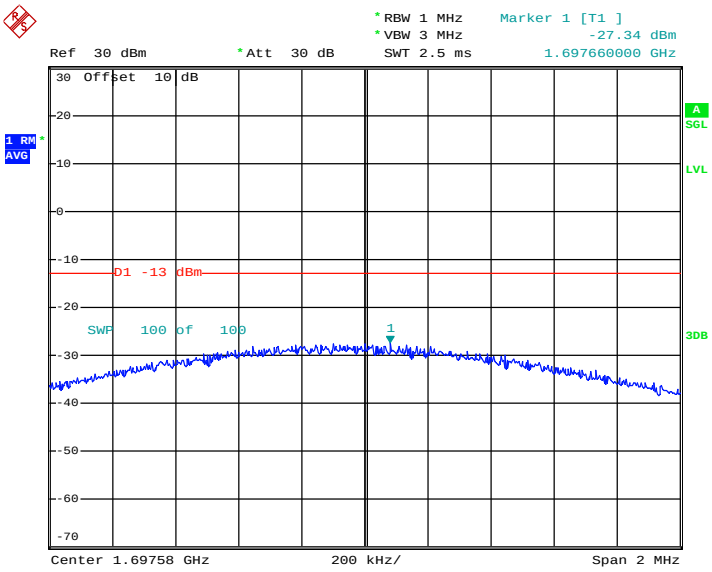
Date: 12.JAN.2015 20:58:48

Highest channel

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

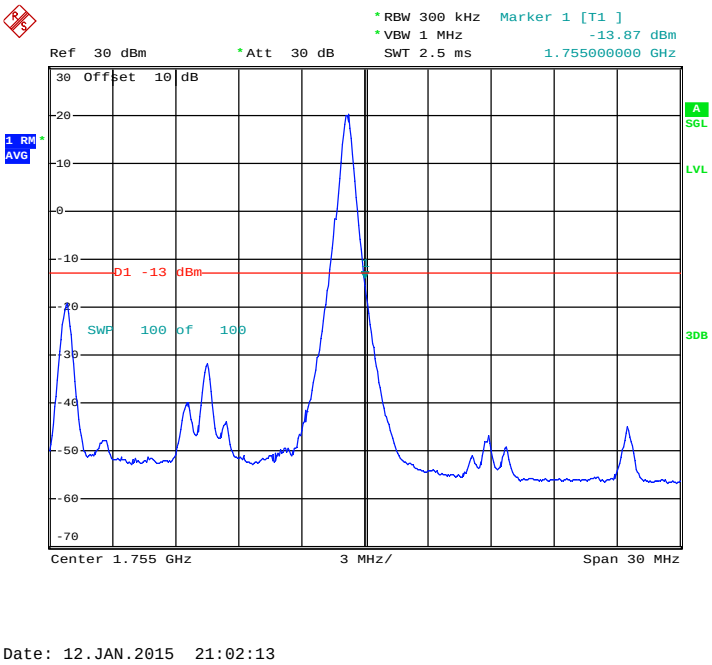


Date: 12.JAN.2015 20:55:12



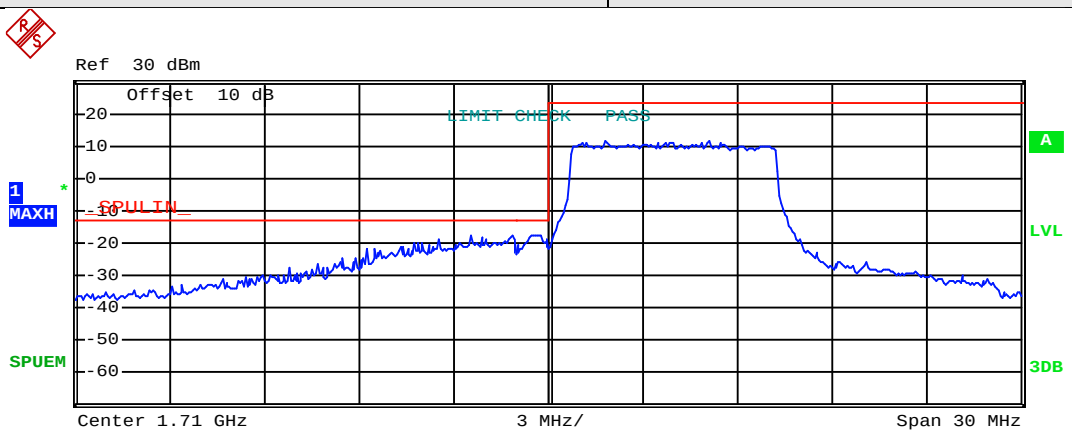
Date: 12.JAN.2015 20:55:39

Lowest channel



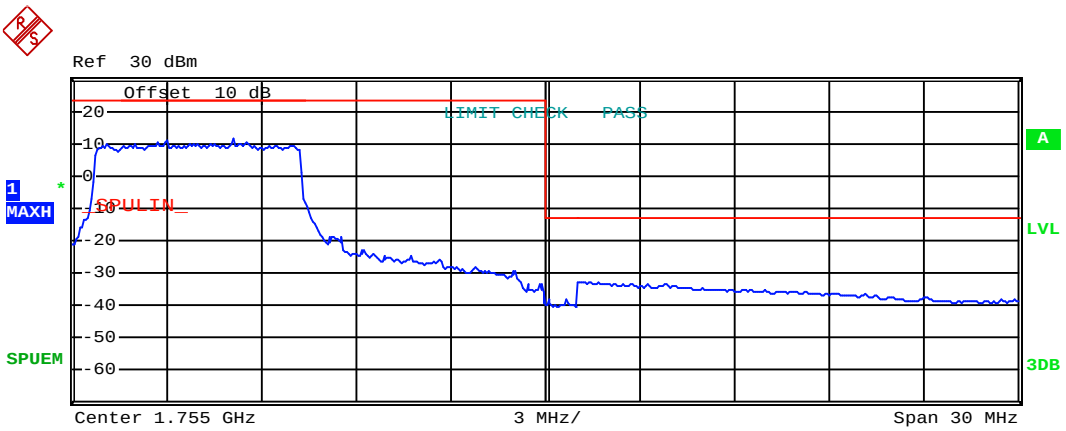
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.695 G	1.709 G	1.00 M	1.707488 G	-17.89	-4.89
1.709 G	1.710 G	150.00 k	1.709593 G	-17.56	-4.56
1.710 G	1.725 G	150.00 k	1.715109 G	11.82	-11.18

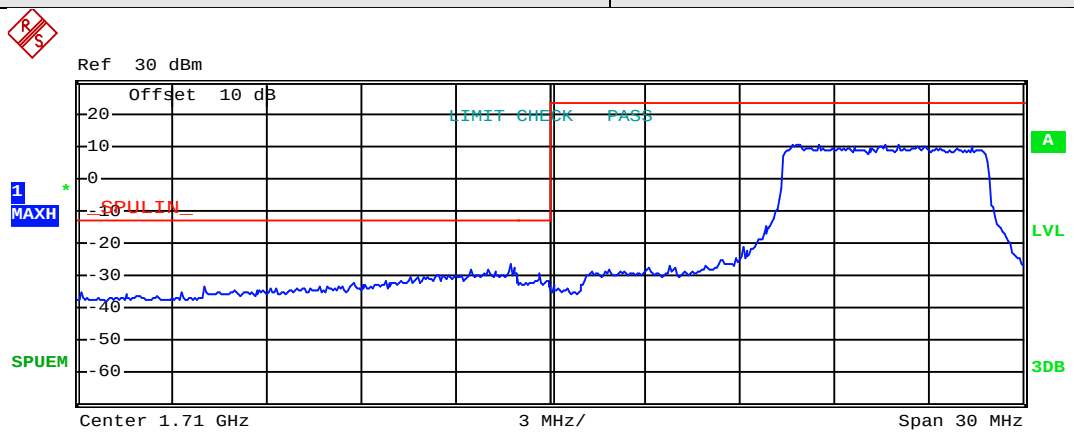
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.740 G	1.755 G	150.00 k	1.745106 G	11.52	-11.48
1.755 G	1.756 G	150.00 k	1.755121 G	-38.10	-25.10
1.756 G	1.770 G	1.00 M	1.756226 G	-32.76	-19.76

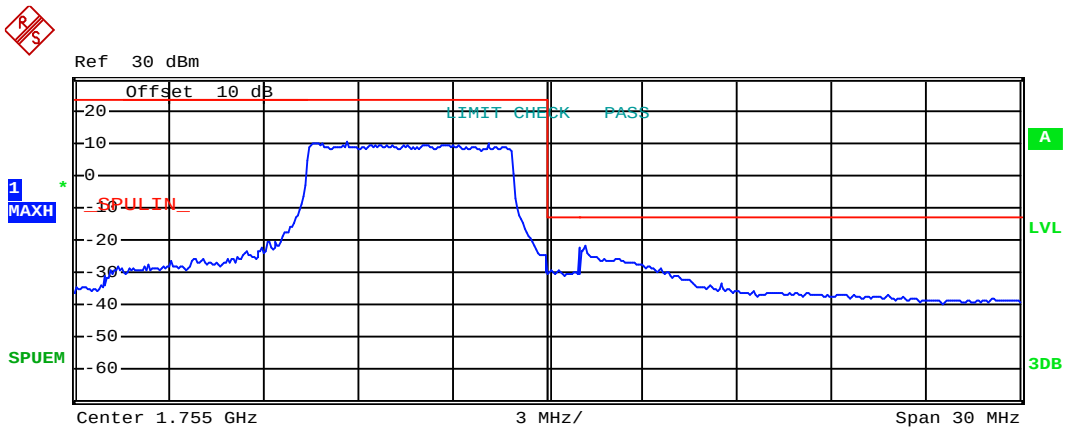
Highest channel

Test Mode:	LTE band 4(QPSK RB Size 36 & RB Offset 37)



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.695 G	1.709 G	1.00 M	1.708692 G	-26.53	-13.53
1.709 G	1.710 G	150.00 k	1.709644 G	-29.26	-16.26
1.710 G	1.725 G	150.00 k	1.717868 G	10.67	-12.33

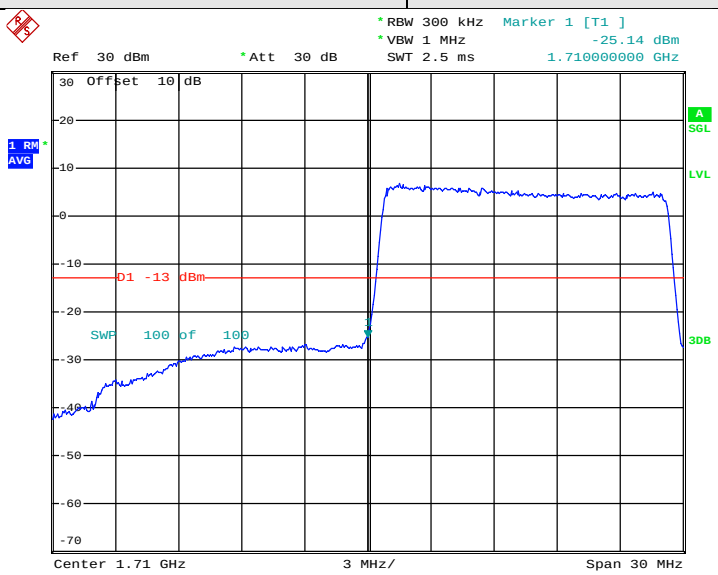
Lowest channel



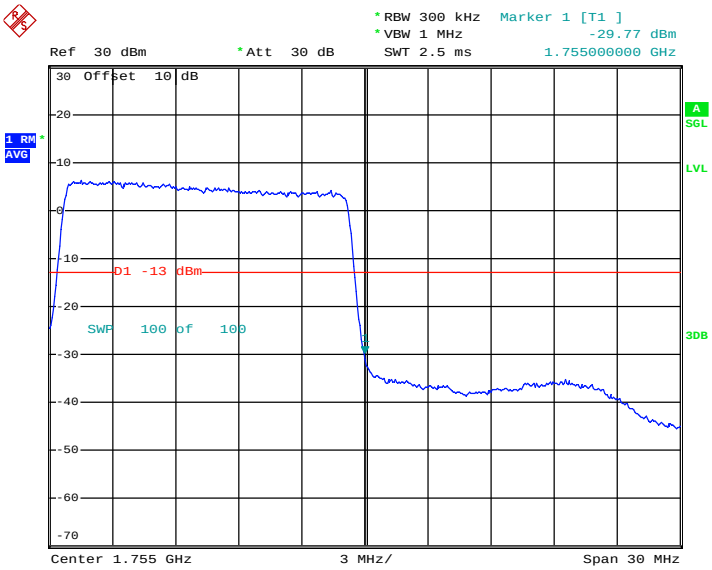
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.740 G	1.755 G	150.00 k	1.748610 G	10.18	-12.82
1.755 G	1.756 G	150.00 k	1.755363 G	-28.65	-15.65
1.756 G	1.770 G	1.00 M	1.756226 G	-21.59	-8.59

Highest channel

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



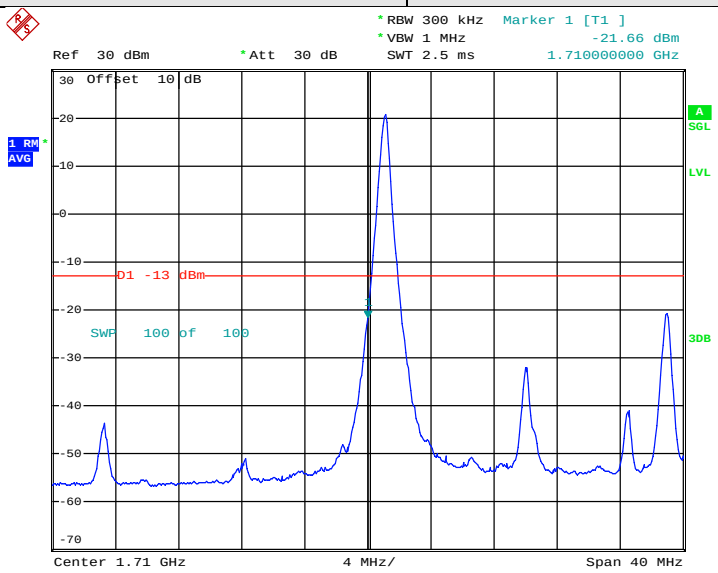
Lowest channel



Highest channel

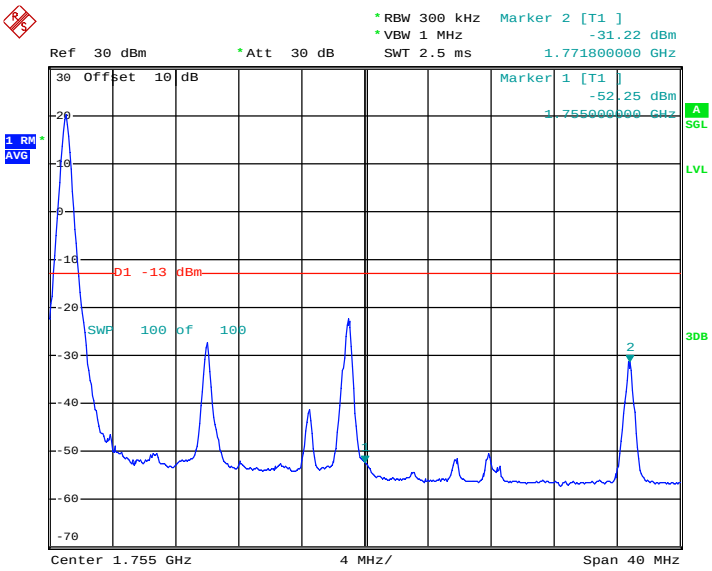
20MHz:

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

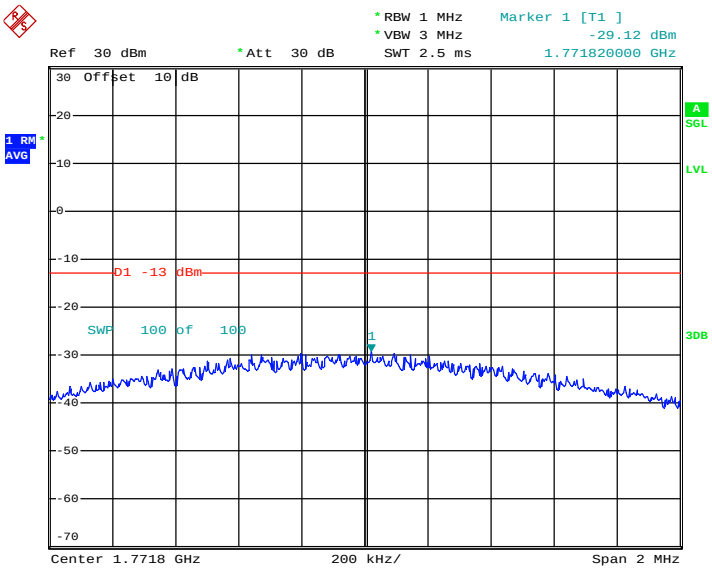


Date: 12.JAN.2015 21:07:23

Lowest channel



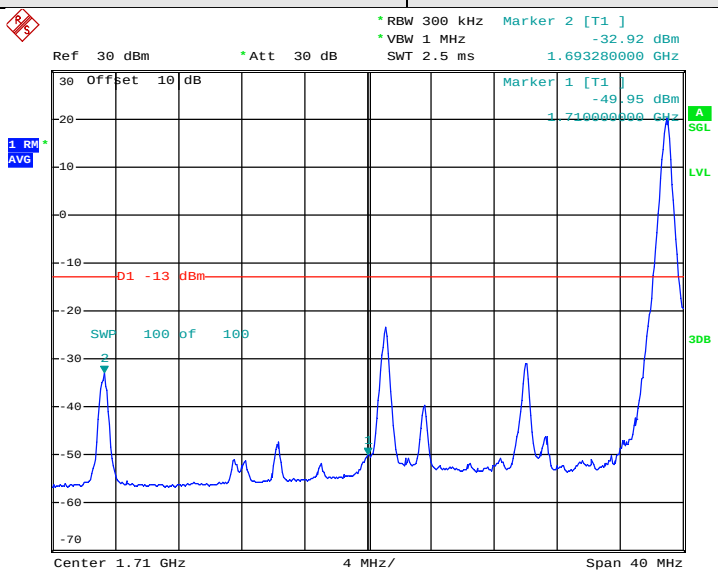
Date: 12.JAN.2015 21:25:59



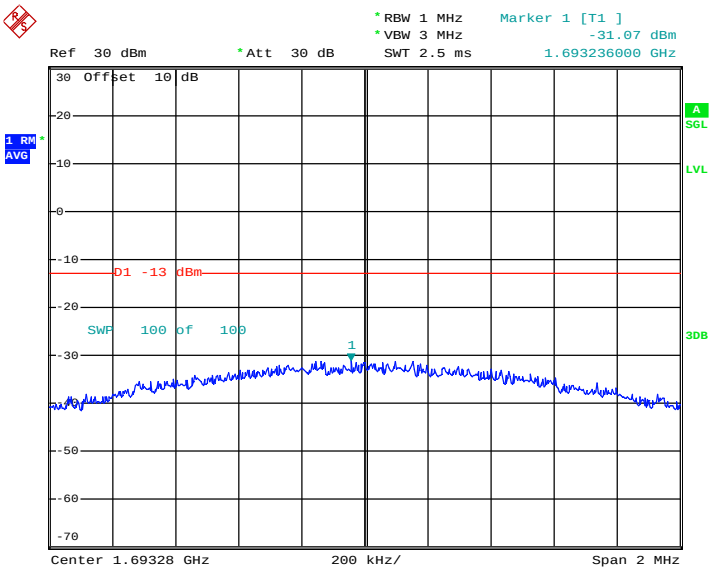
Date: 12.JAN.2015 21:26:28

Highest channel

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

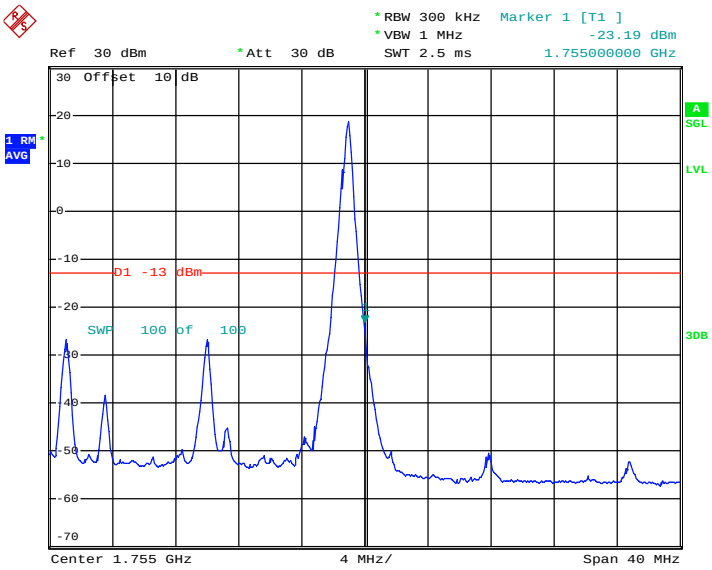


Date: 12.JAN.2015 21:19:18



Date: 12.JAN.2015 21:19:45

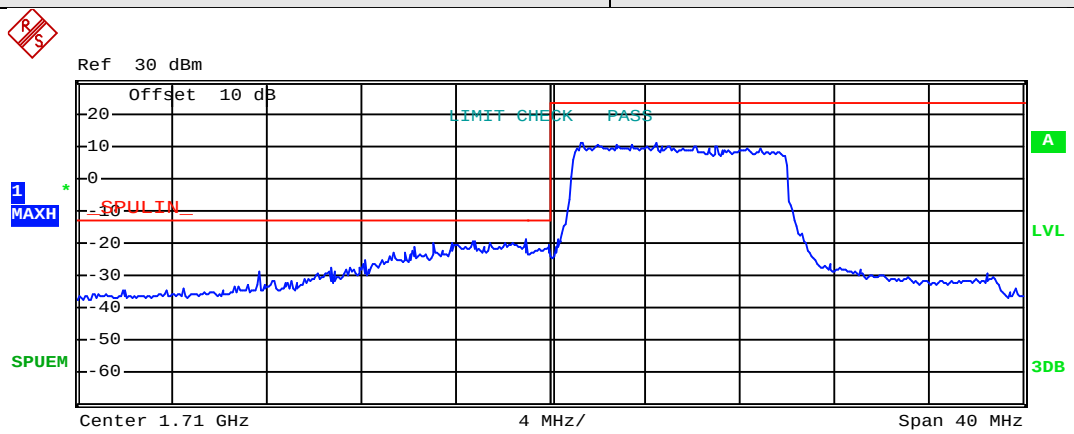
Lowest channel



Date: 12.JAN.2015 21:27:20

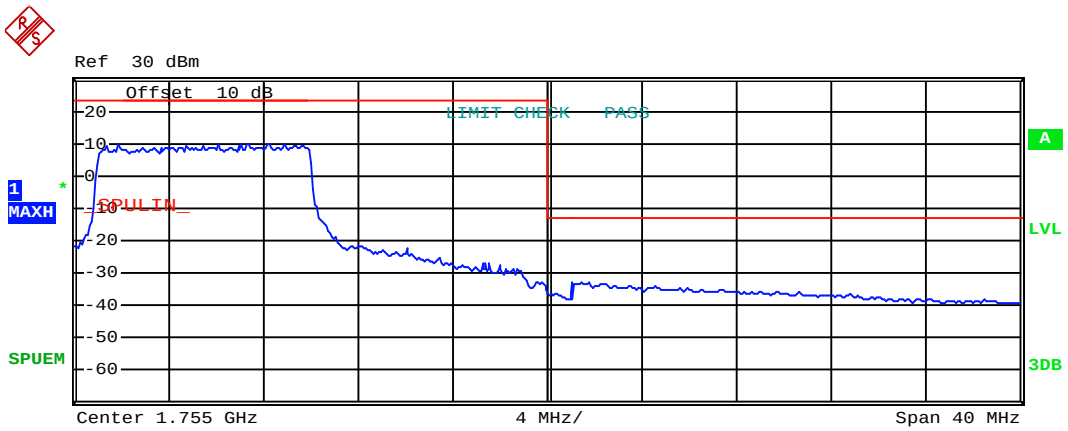
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.690 G	1.709 G	1.00 M	1.708886 G	-18.99	-5.99
1.709 G	1.710 G	200.00 k	1.709907 G	-20.88	-7.88
1.710 G	1.730 G	200.00 k	1.711330 G	11.13	-11.87

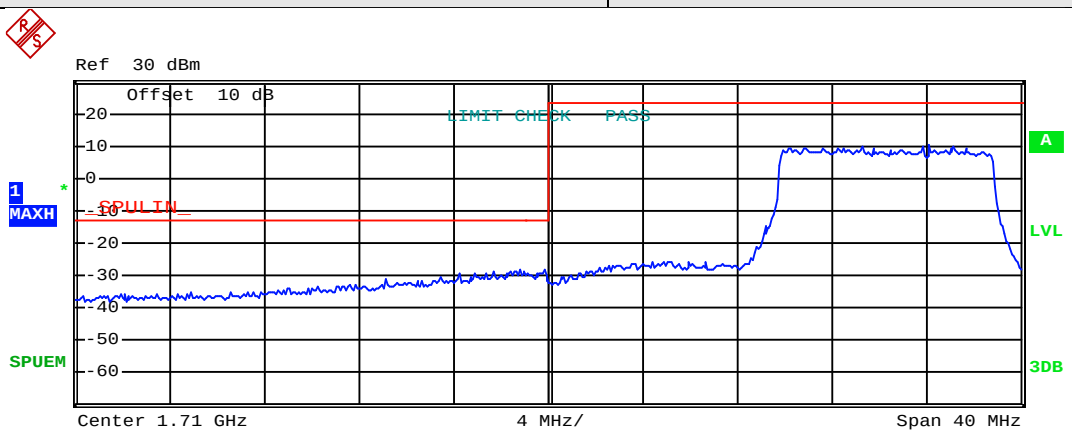
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.735 G	1.755 G	200.00 k	1.742288 G	10.11	-12.89
1.755 G	1.756 G	200.00 k	1.755403 G	-35.78	-22.78
1.756 G	1.775 G	1.00 M	1.756766 G	-32.91	-19.91

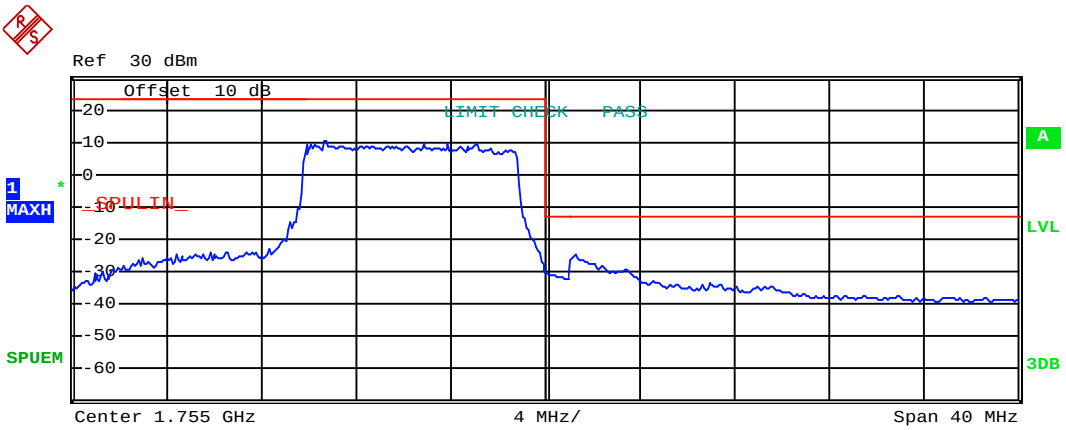
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.690 G	1.709 G	1.00 M	1.708772 G	-28.23	-15.23
1.709 G	1.710 G	200.00 k	1.709841 G	-28.32	-15.32
1.710 G	1.730 G	200.00 k	1.726075 G	10.60	-12.40

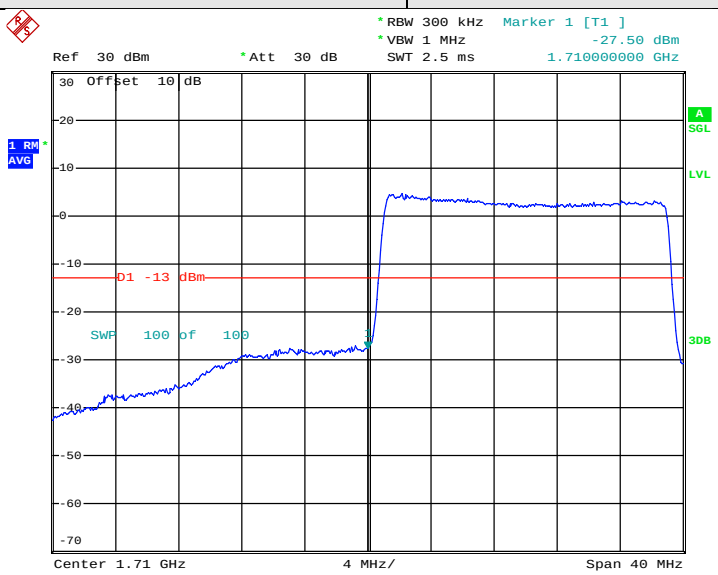
Lowest channel



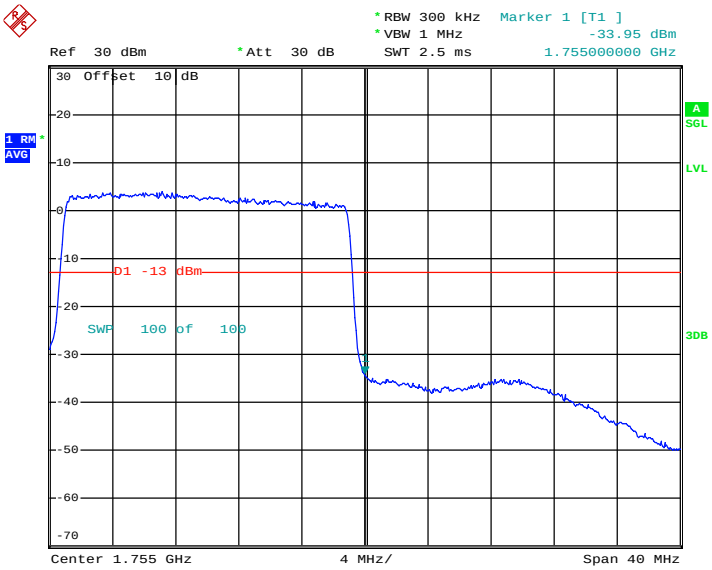
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.735 G	1.755 G	200.00 k	1.745655 G	10.61	-12.39
1.755 G	1.756 G	200.00 k	1.755056 G	-30.74	-17.74
1.756 G	1.775 G	1.00 M	1.756306 G	-24.78	-11.78

Highest channel

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

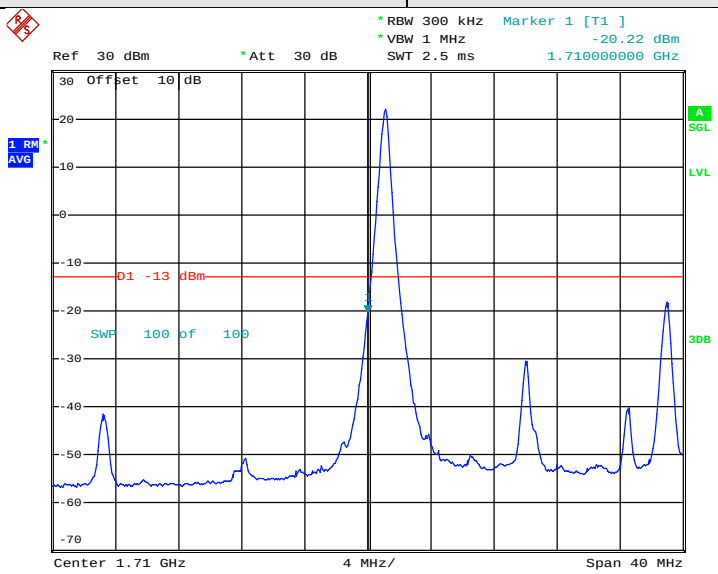


Lowest channel



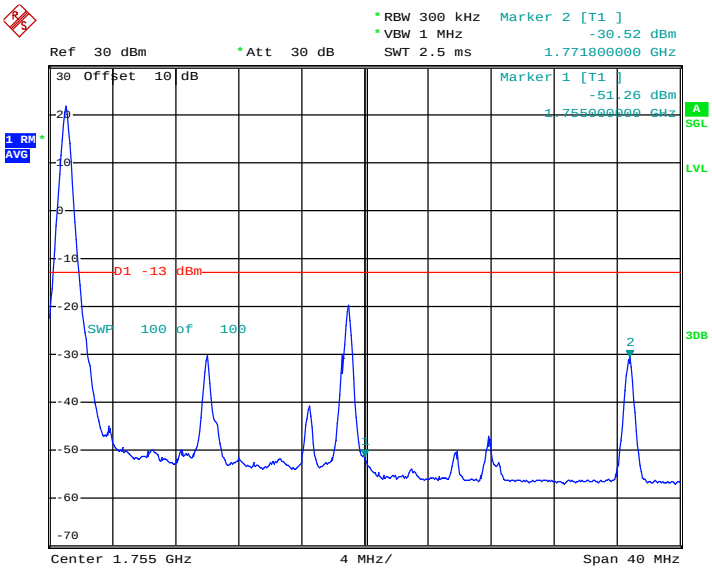
Highest channel

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

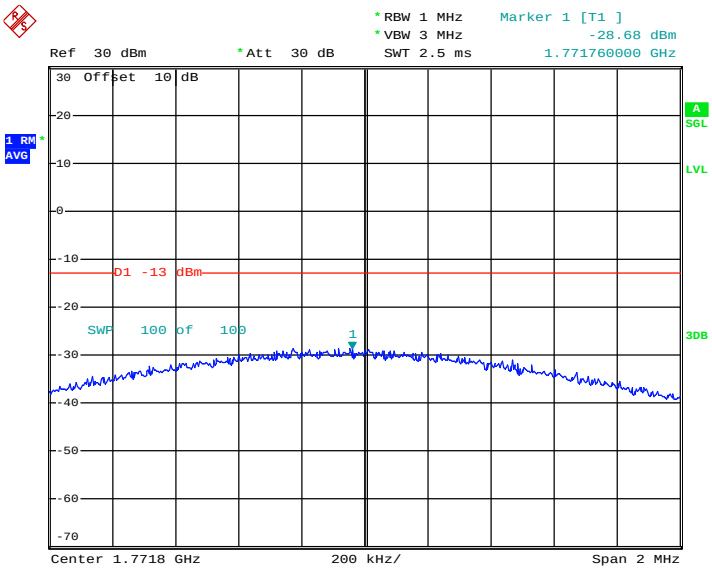


Date: 12.JAN.2015 21:06:07

Lowest channel



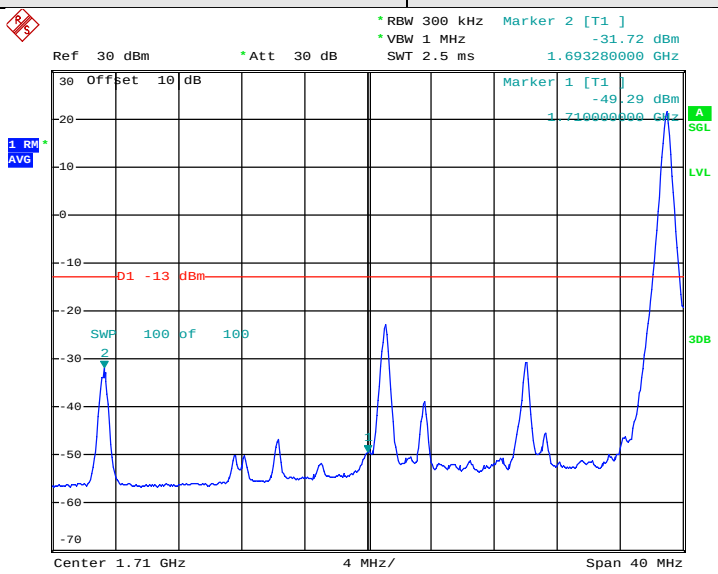
Date: 12.JAN.2015 21:24:34



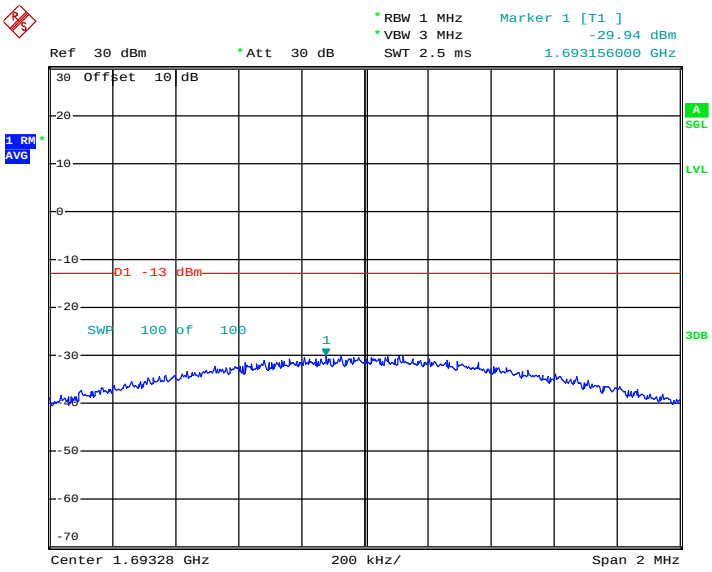
Date: 12.JAN.2015 21:25:01

Highest channel

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

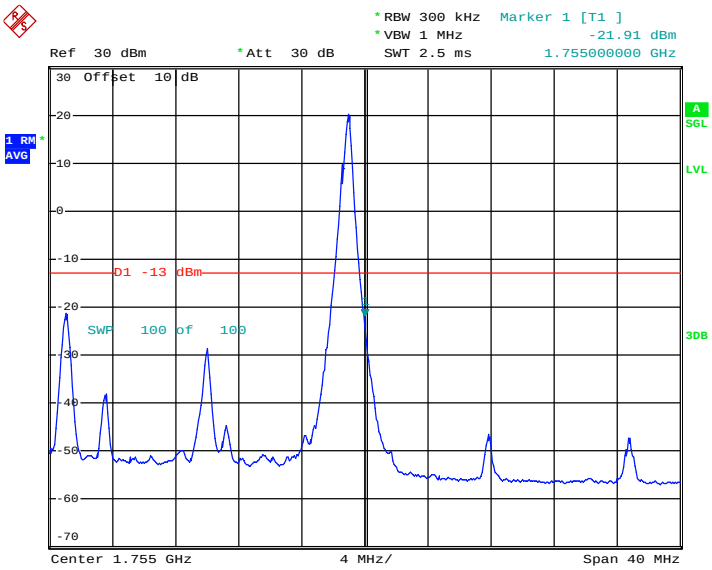


Date: 12.JAN.2015 21:20:39



Date: 12.JAN.2015 21:21:05

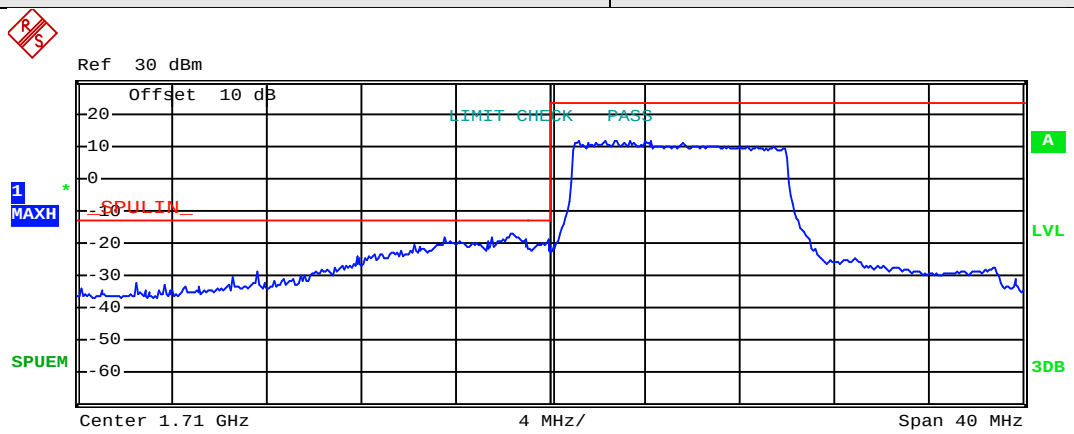
Lowest channel



Date: 12.JAN.2015 21:27:40

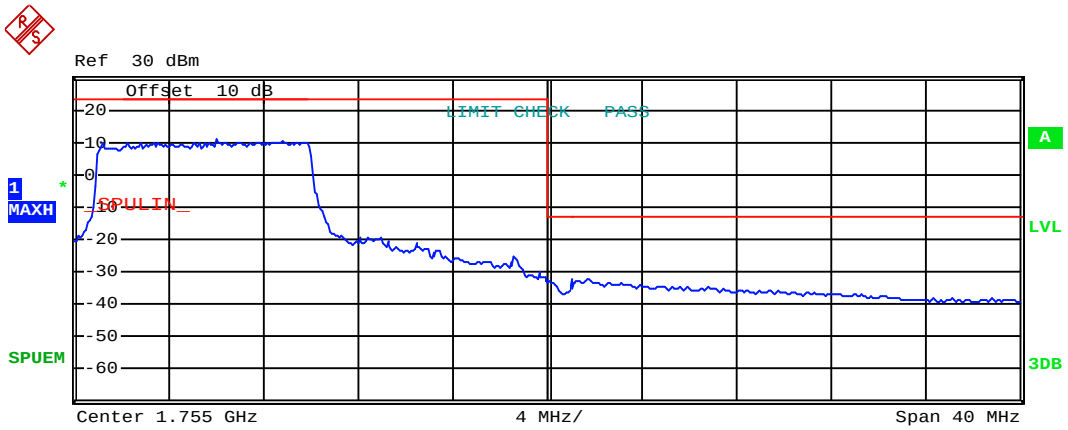
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.690 G	1.709 G	1.00 M	1.708354 G	-17.32	-4.32
1.709 G	1.710 G	200.00 k	1.709957 G	-18.66	-5.66
1.710 G	1.730 G	200.00 k	1.712785 G	11.83	-11.17

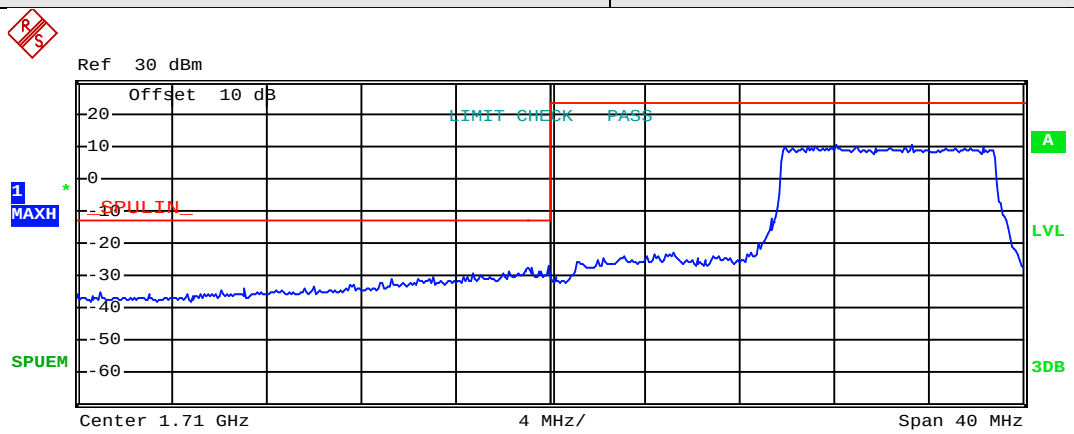
Lowest channel



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.735 G	1.755 G	200.00 k	1.740990 G	10.86	-12.14
1.755 G	1.756 G	200.00 k	1.755048 G	-32.58	-19.58
1.756 G	1.775 G	1.00 M	1.756000 G	-32.04	-19.04

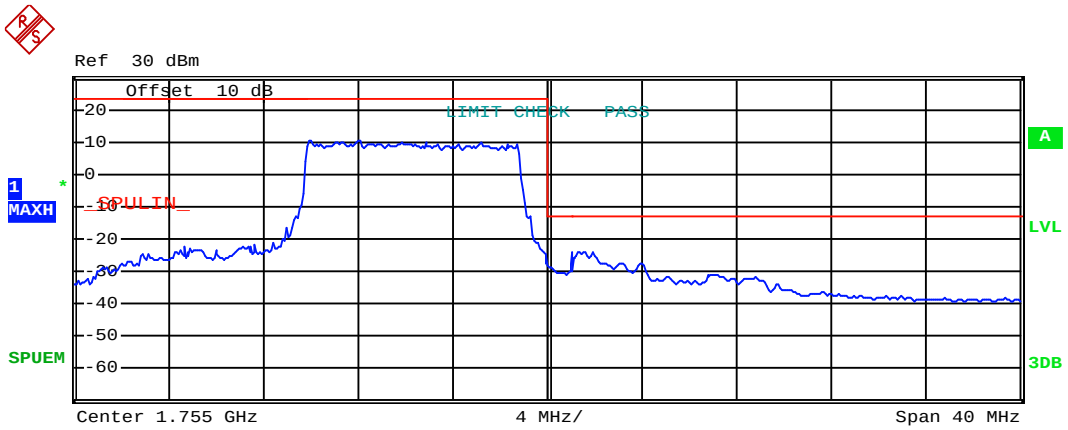
Highest channel

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



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.690 G	1.709 G	1.00 M	1.708924 G	-28.32	-15.32
1.709 G	1.710 G	200.00 k	1.709993 G	-27.09	-14.09
1.710 G	1.730 G	200.00 k	1.725275 G	10.31	-12.69

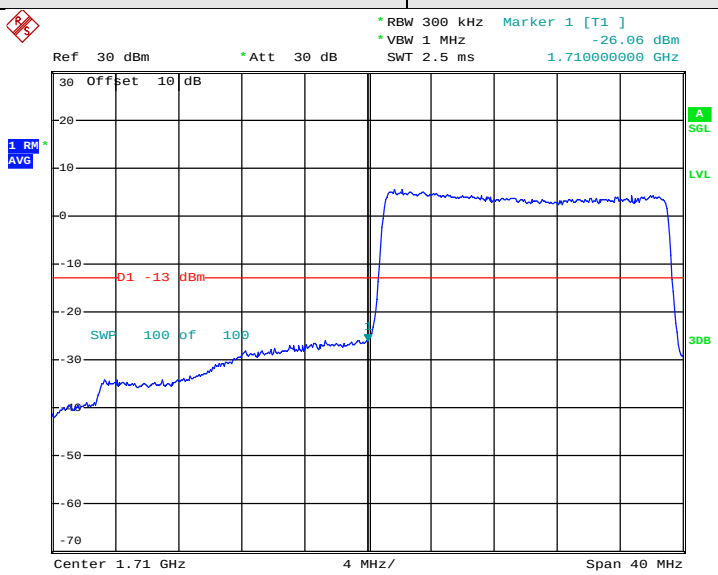
Lowest channel



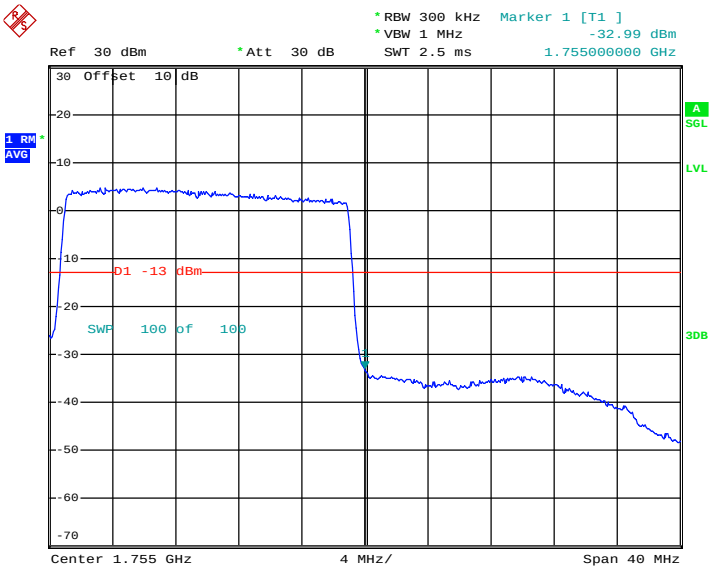
Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	ΔLimit [dB]
1.735 G	1.755 G	200.00 k	1.746992 G	10.49	-12.51
1.755 G	1.756 G	200.00 k	1.755024 G	-28.75	-15.75
1.756 G	1.775 G	1.00 M	1.756306 G	-23.95	-10.95

Highest channel

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



Lowest channel

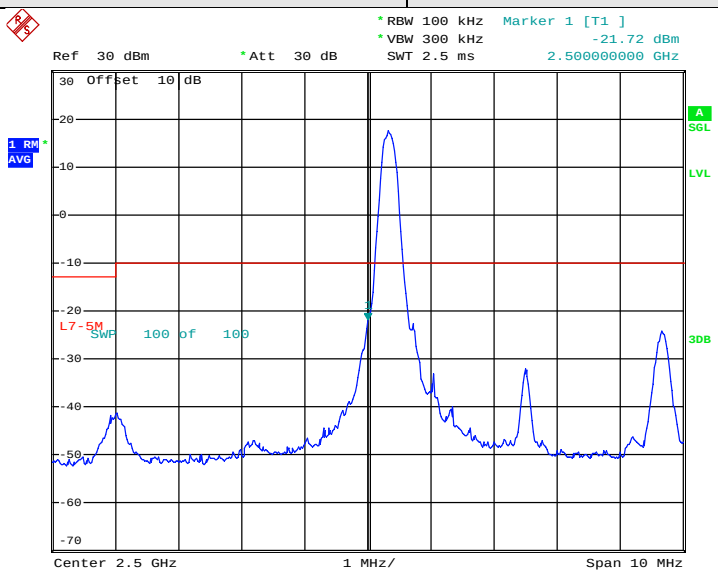


Highest channel

LTE band 7 part:

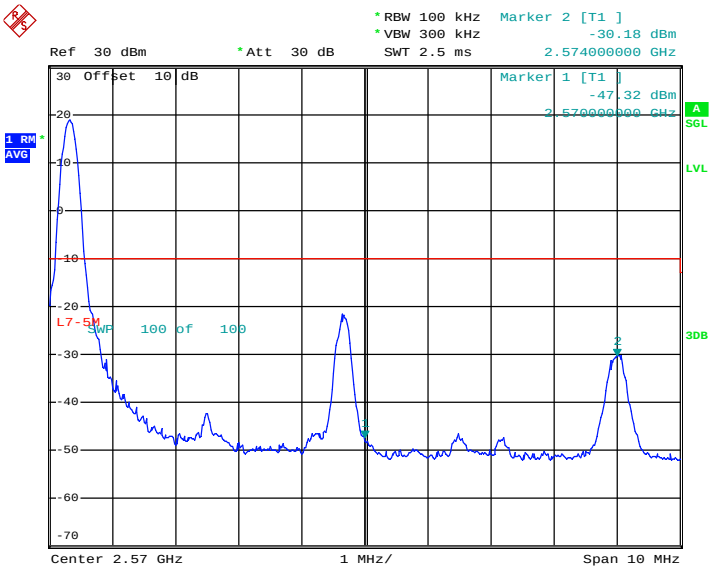
5MHz:

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

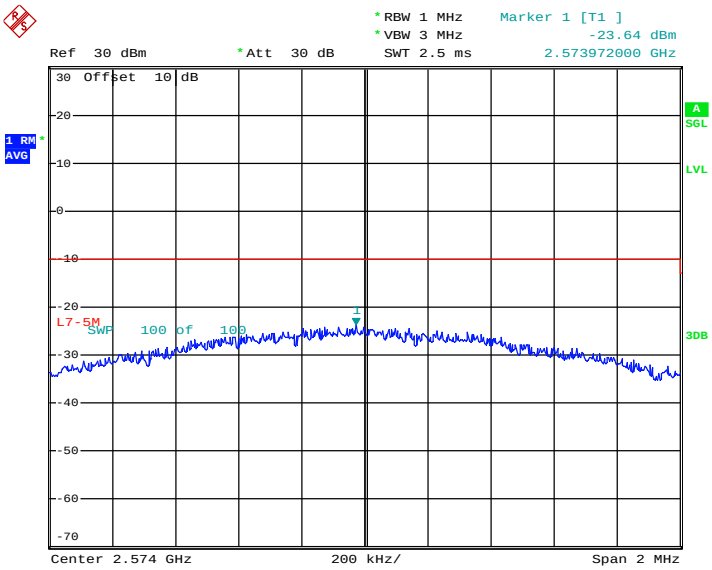


Date: 13.JAN.2015 14:46:53

Lowest channel



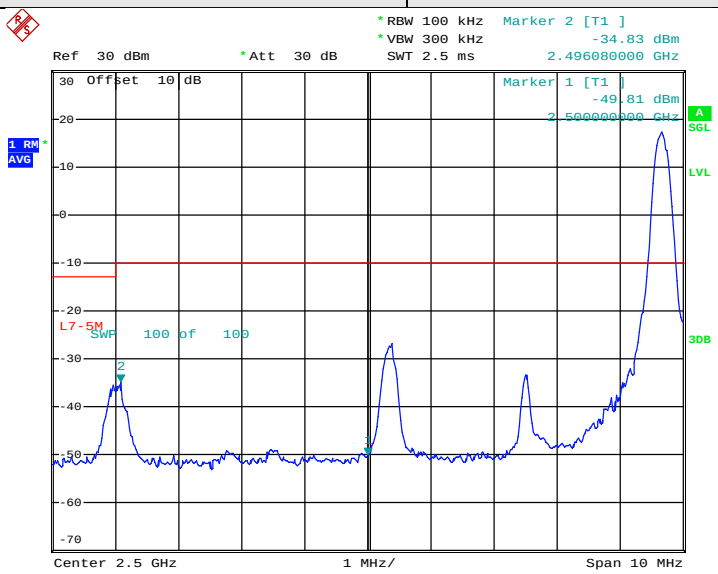
Date: 13.JAN.2015 14:54:43



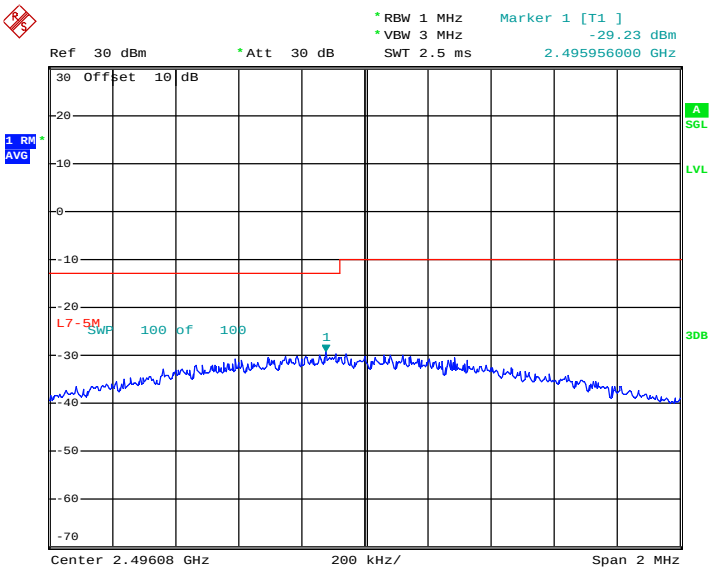
Date: 13.JAN.2015 14:55:10

Highest channel

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

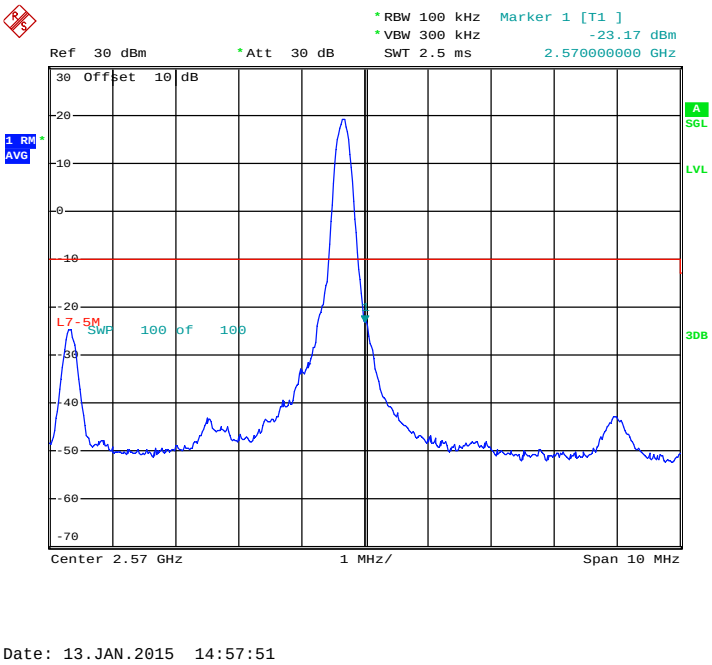


Date: 13.JAN.2015 14:47:46



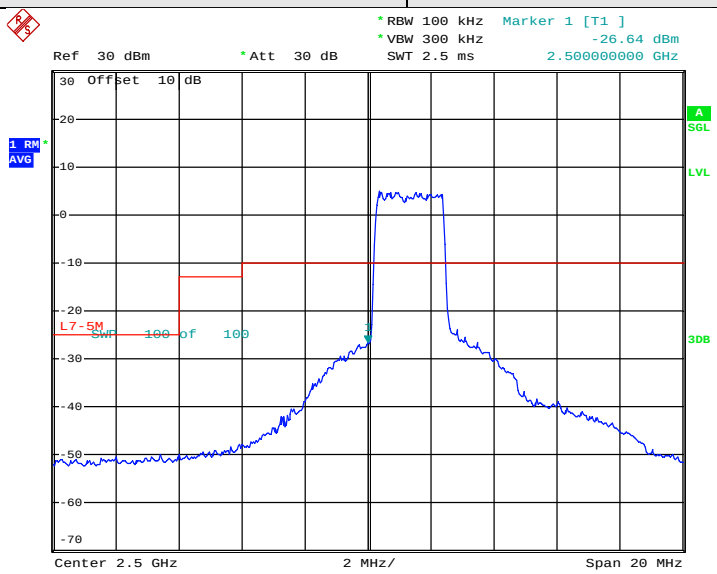
Date: 13.JAN.2015 14:48:18

Lowest channel



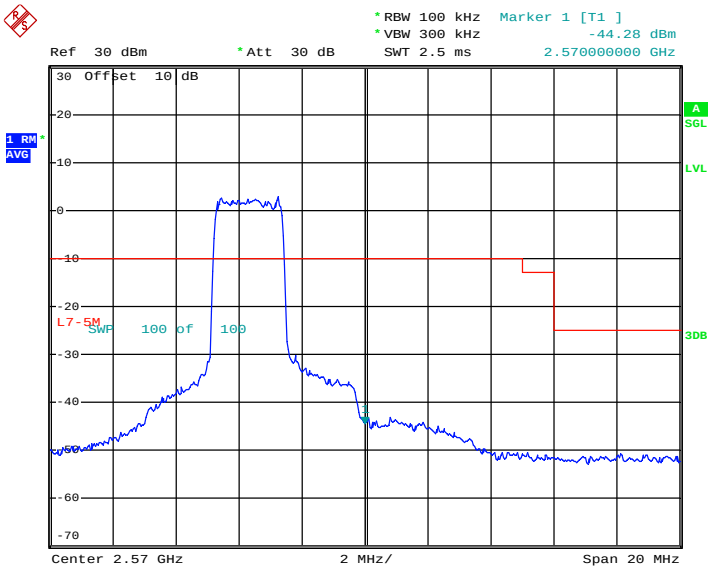
Highest channel

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



Date: 27.FEB.2015 15:33:43

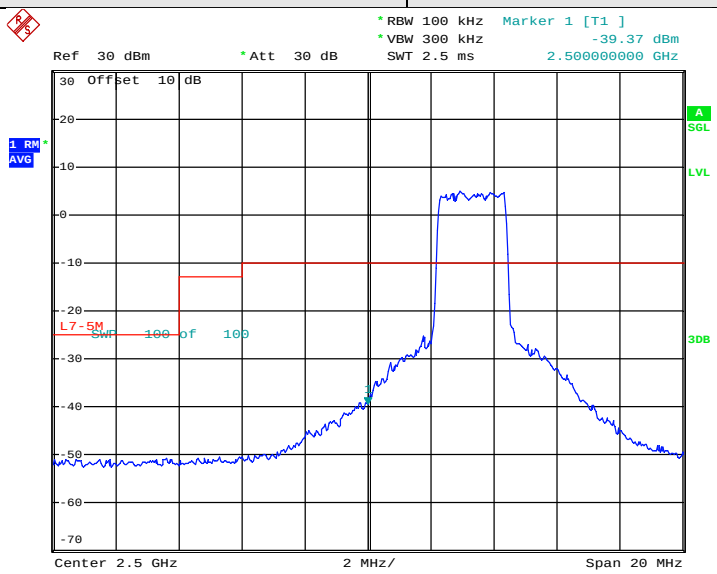
Lowest channel



Date: 27.FEB.2015 15:35:42

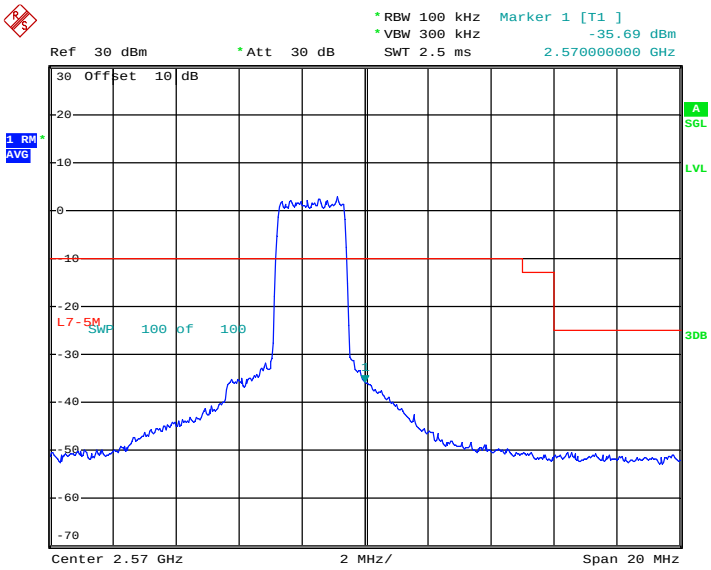
Highest channel

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



Date: 27.FEB.2015 15:34:00

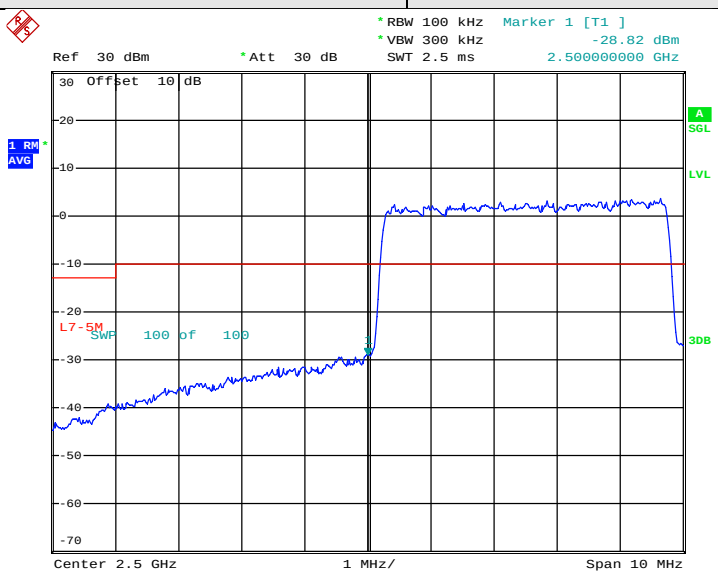
Lowest channel



Date: 27.FEB.2015 15:35:57

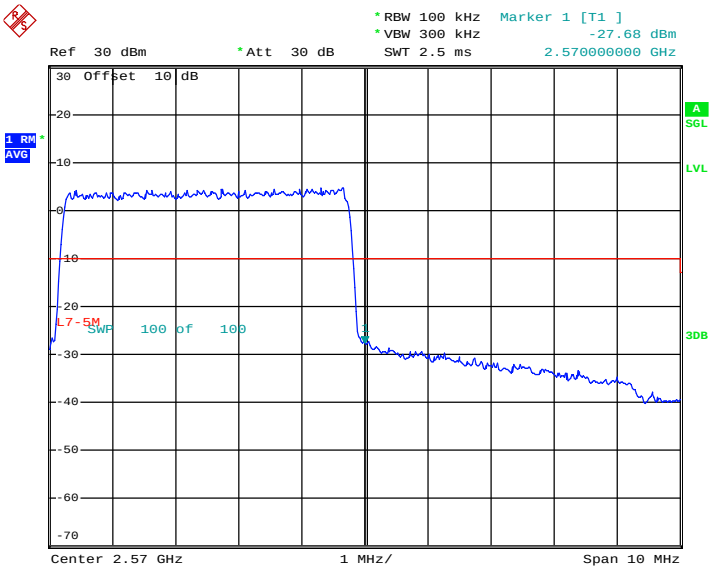
Highest channel

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



Date: 13.JAN.2015 14:50:36

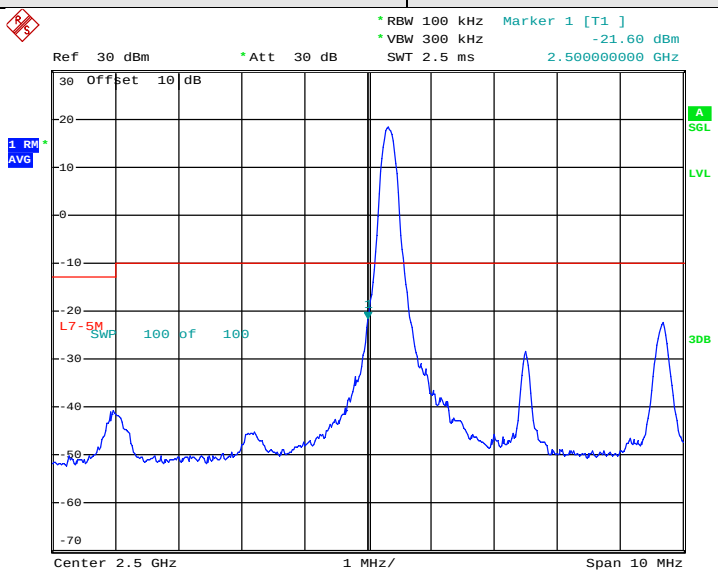
Lowest channel



Date: 13.JAN.2015 14:54:08

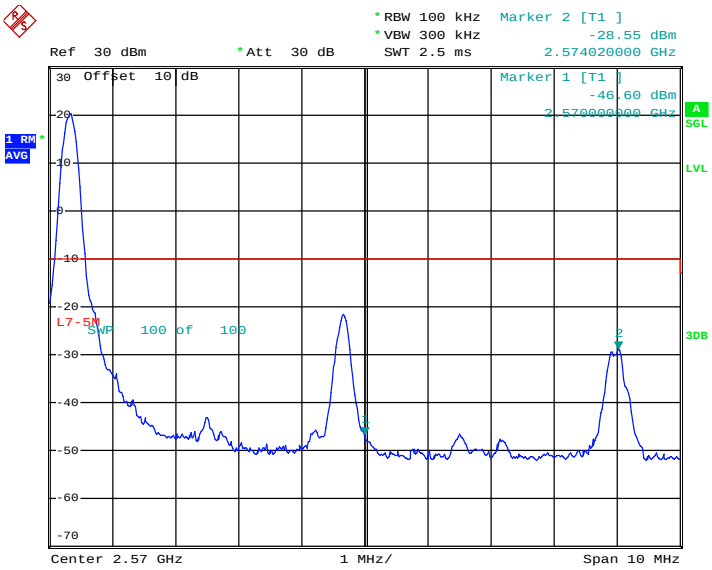
Highest channel

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

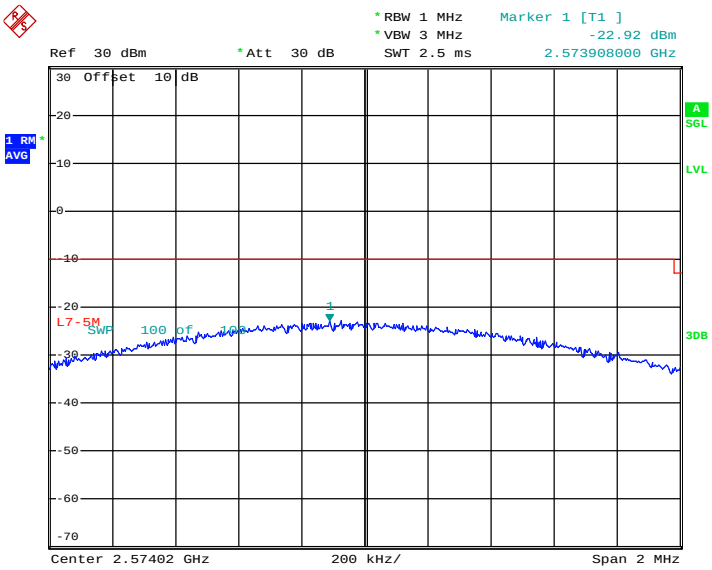


Date: 13.JAN.2015 14:46:21

Lowest channel



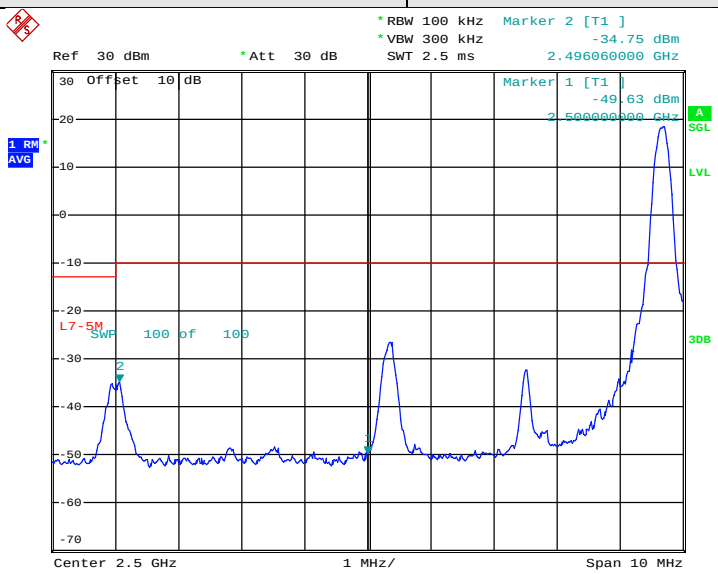
Date: 13.JAN.2015 14:56:01



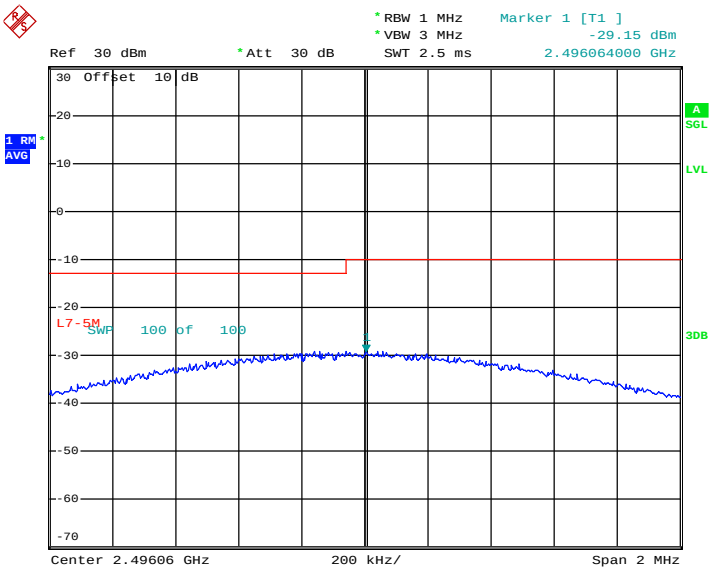
Date: 13.JAN.2015 14:56:27

Highest channel

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

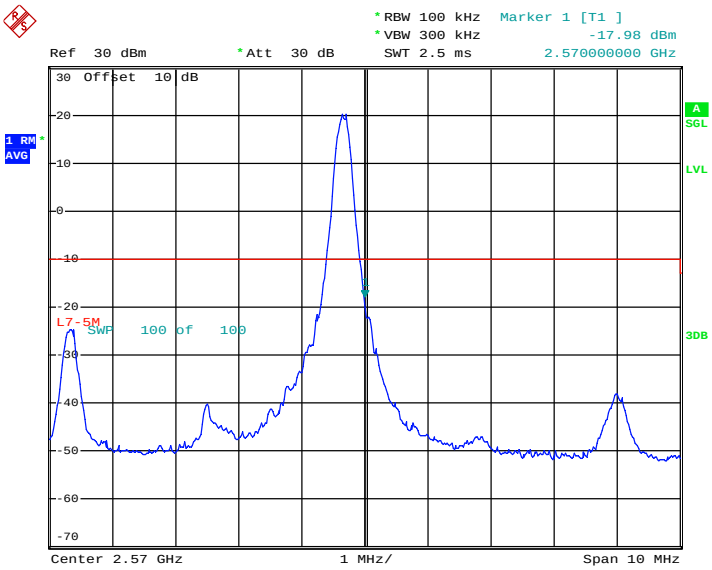


Date: 13.JAN.2015 14:49:02



Date: 13.JAN.2015 14:49:27

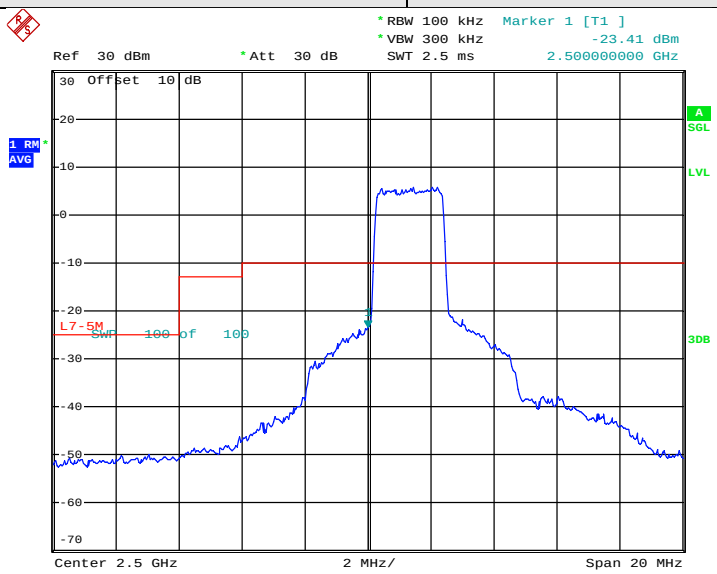
Lowest channel



Date: 13.JAN.2015 14:57:32

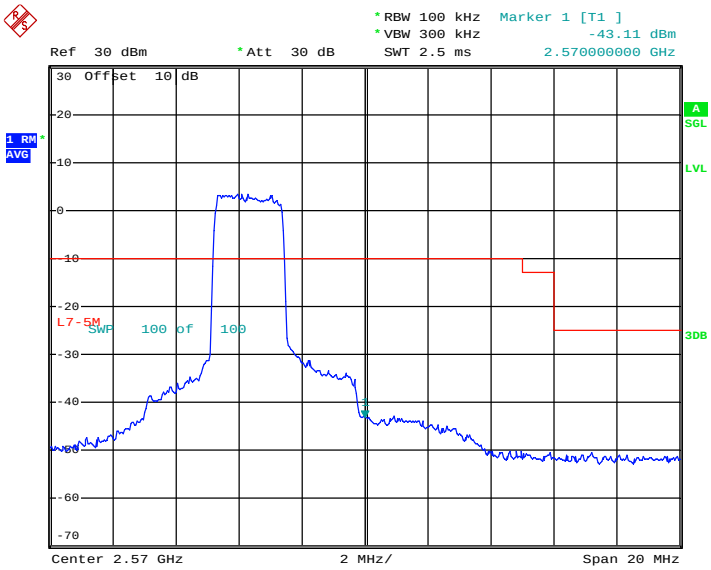
Highest channel

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



Date: 27.FEB.2015 15:33:21

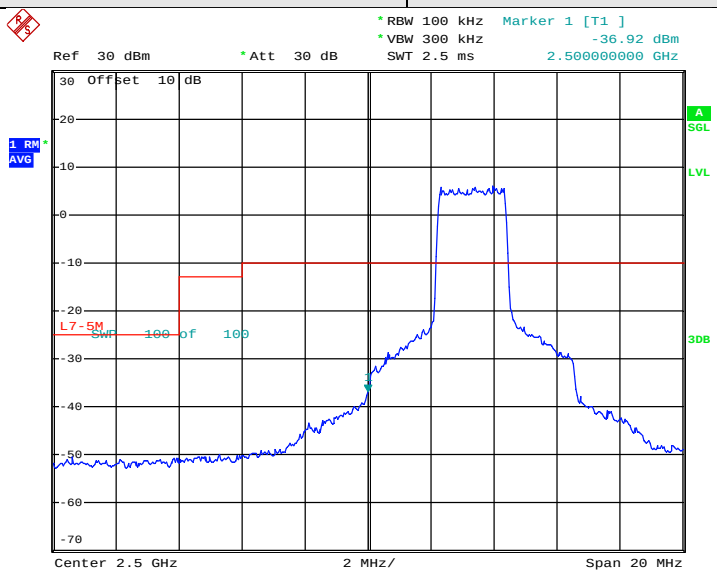
Lowest channel



Date: 27.FEB.2015 15:35:21

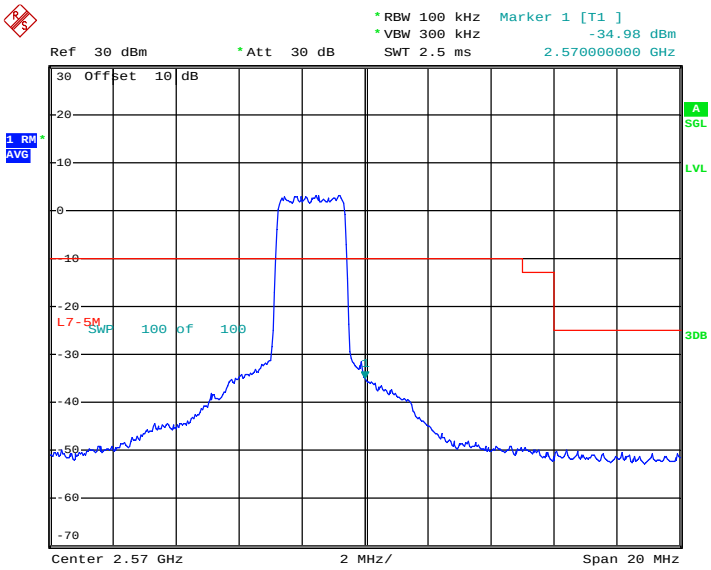
Highest channel

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



Date: 27.FEB.2015 15:34:21

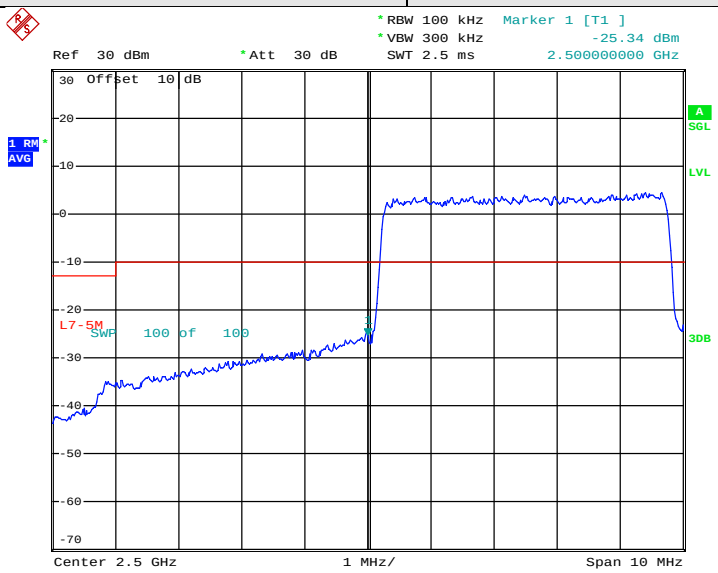
Lowest channel



Date: 27.FEB.2015 15:36:13

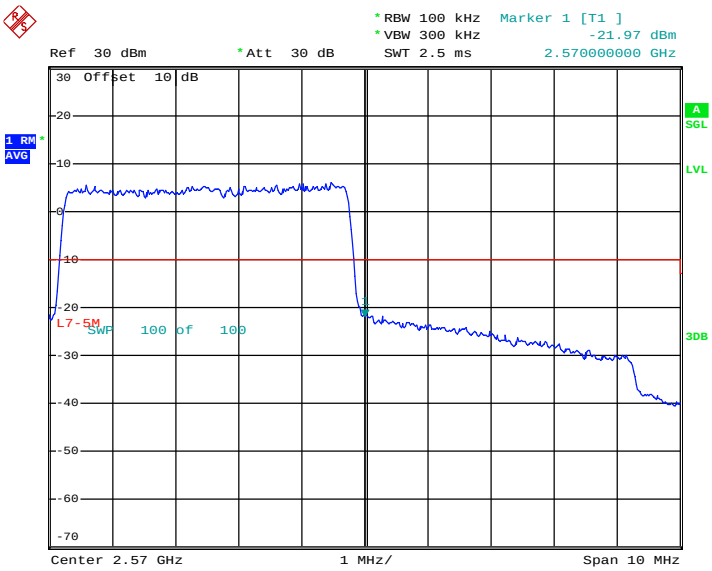
Highest channel

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



Date: 13.JAN.2015 14:50:15

Lowest channel

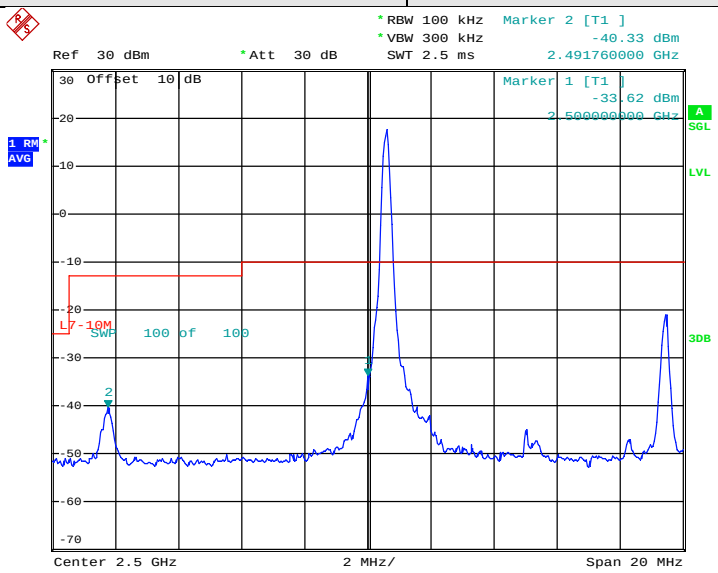


Date: 13.JAN.2015 14:52:18

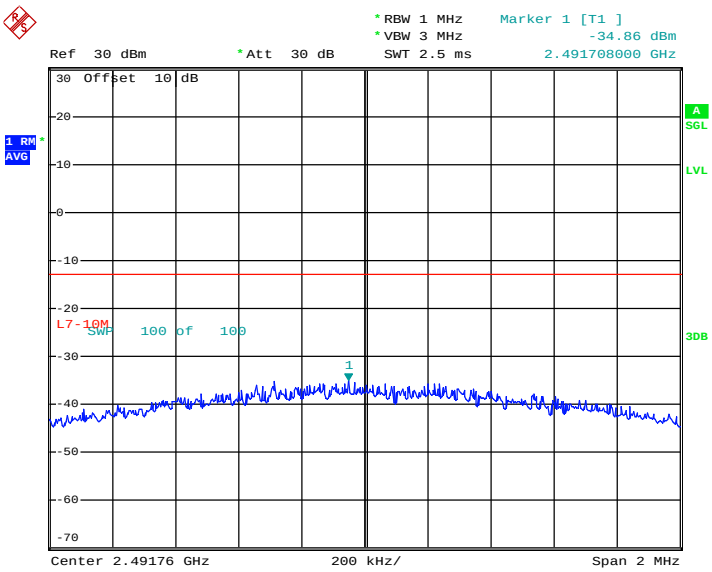
Highest channel

10MHz:

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

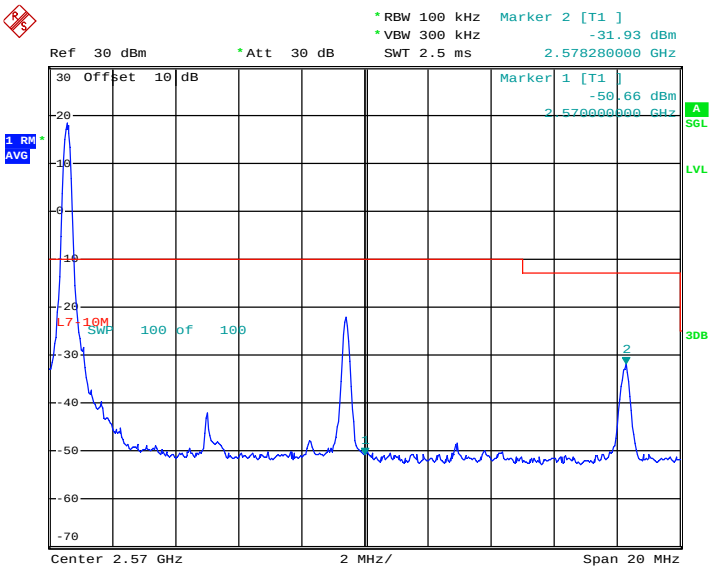


Date: 13.JAN.2015 15:02:02

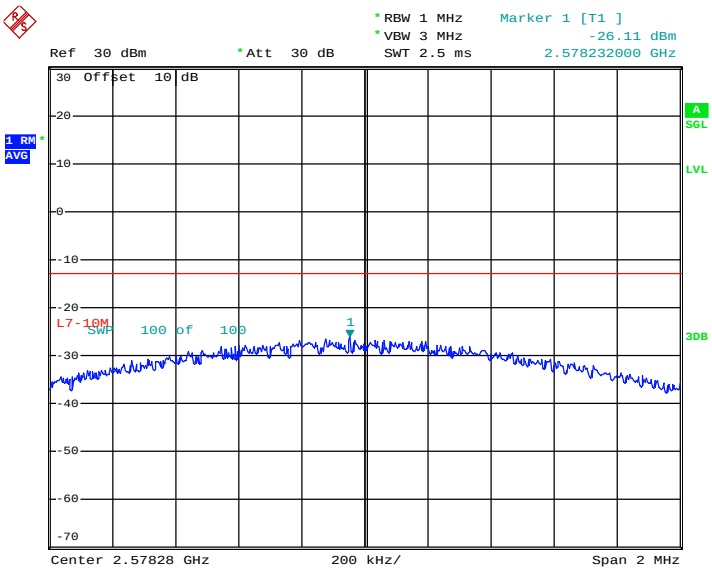


Date: 13.JAN.2015 15:02:29

Lowest channel



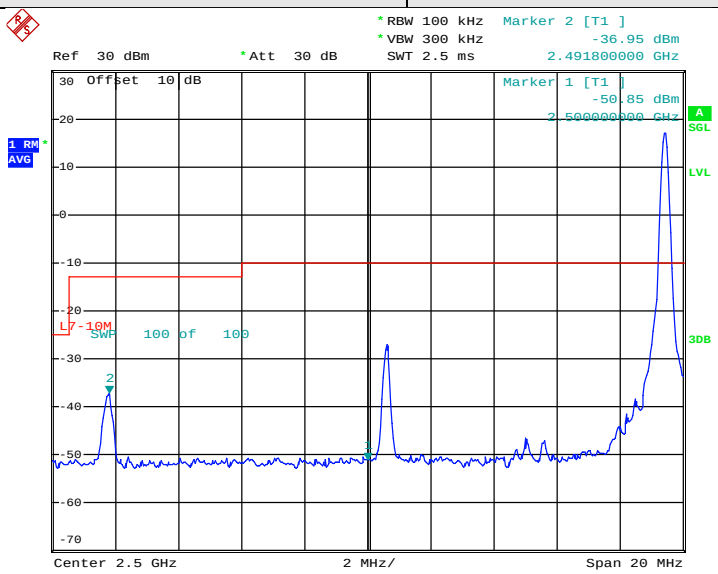
Date: 13.JAN.2015 15:14:03



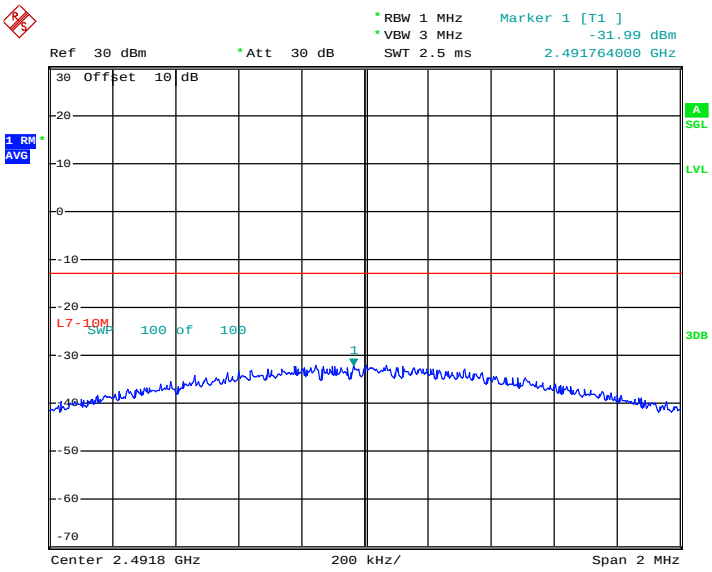
Date: 13.JAN.2015 15:14:45

Highest channel

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

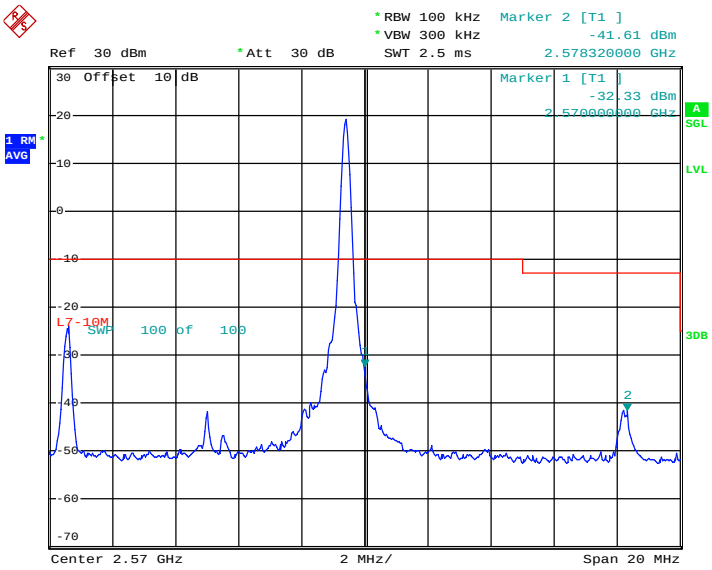


Date: 13.JAN.2015 15:03:24

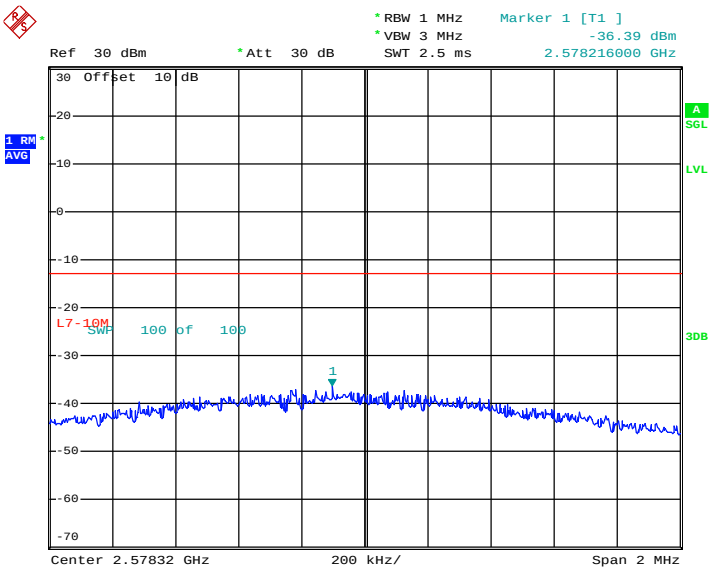


Date: 13.JAN.2015 15:04:12

Lowest channel



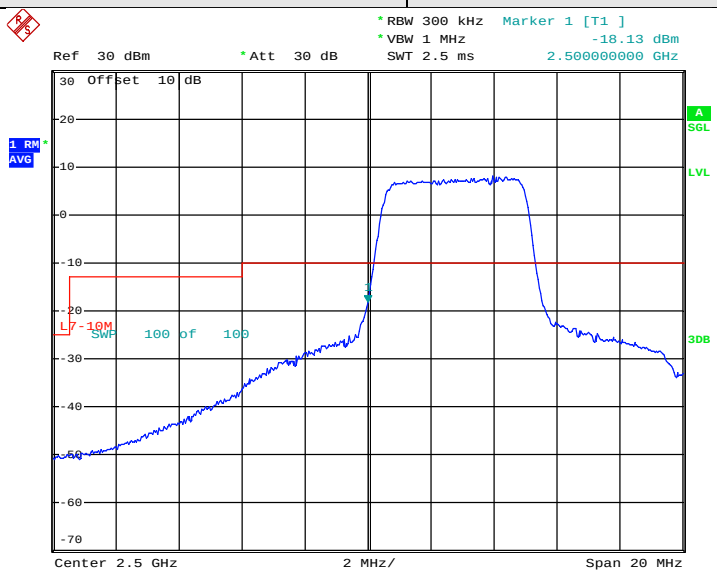
Date: 13.JAN.2015 15:15:41



Date: 13.JAN.2015 15:16:07

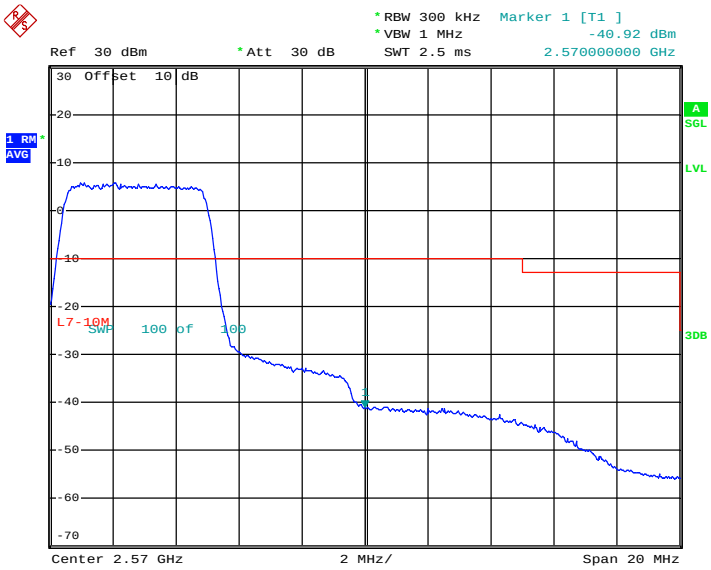
Highest channel

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



Date: 27.FEB.2015 15:37:27

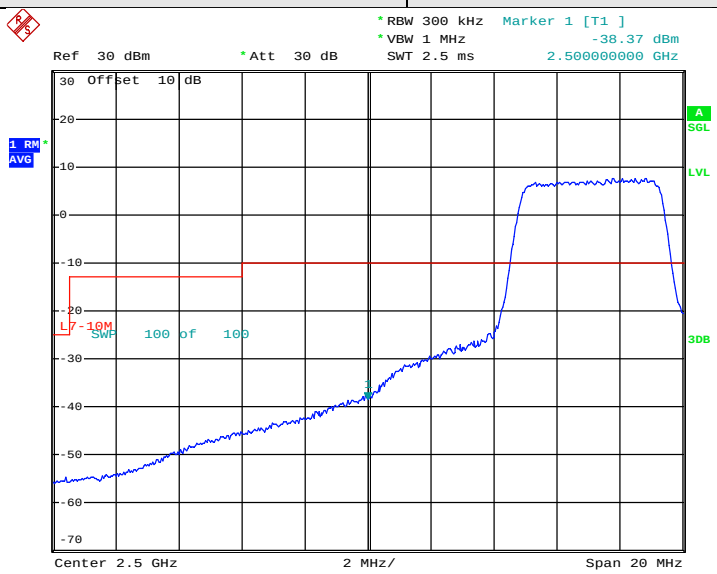
Lowest channel



Date: 27.FEB.2015 15:38:44

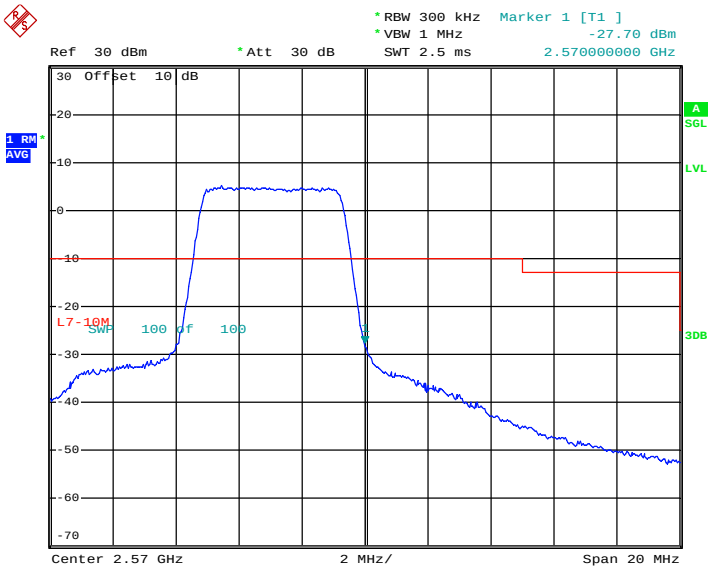
Highest channel

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



Date: 27.FEB.2015 15:37:43

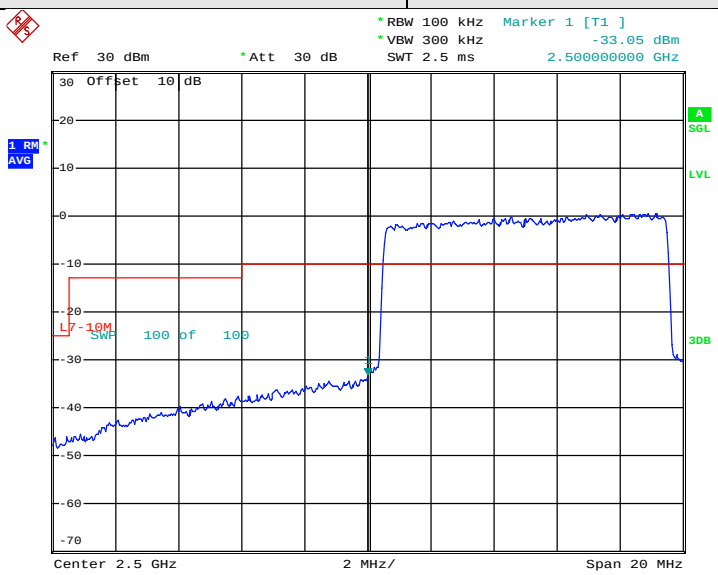
Lowest channel



Date: 27.FEB.2015 15:39:01

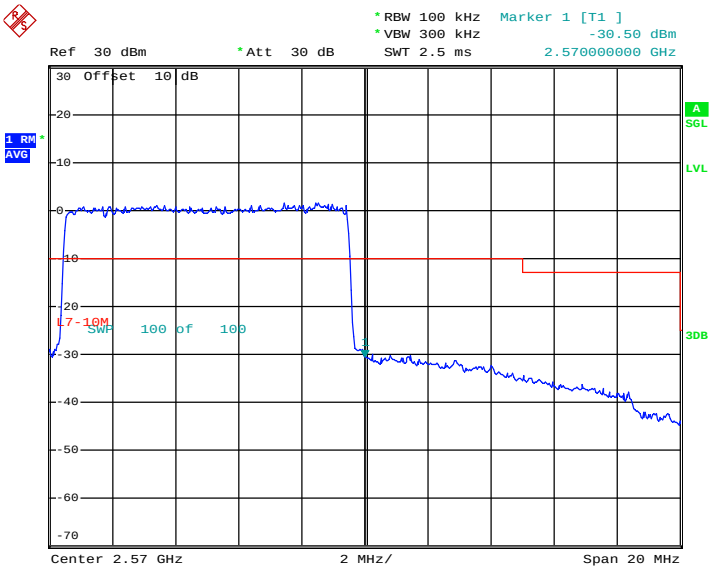
Highest channel

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



Date: 13.JAN.2015 15:09:26

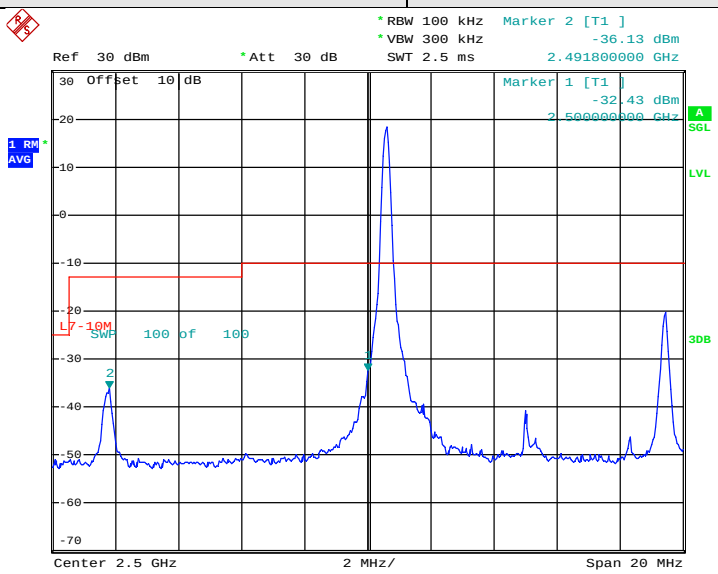
Lowest channel



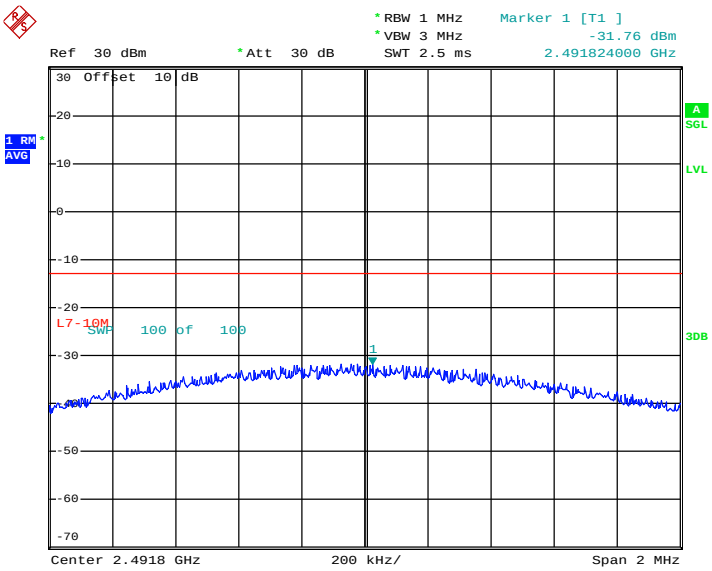
Date: 13.JAN.2015 15:12:06

Highest channel

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

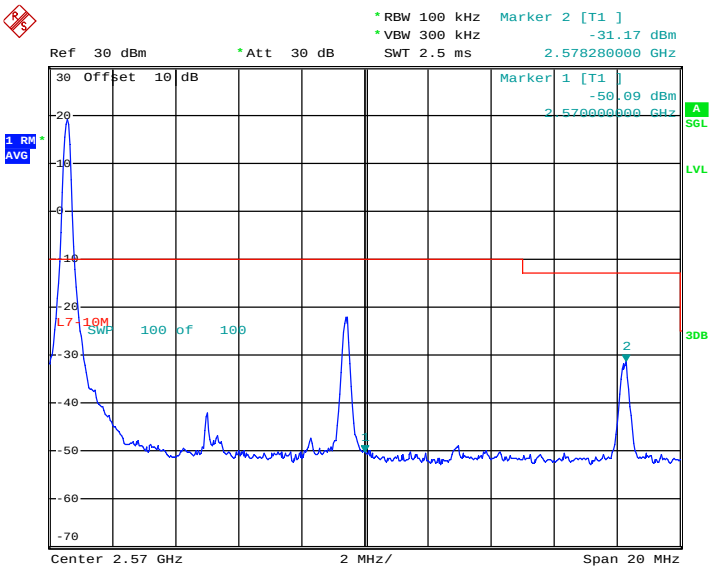


Date: 13.JAN.2015 15:00:29

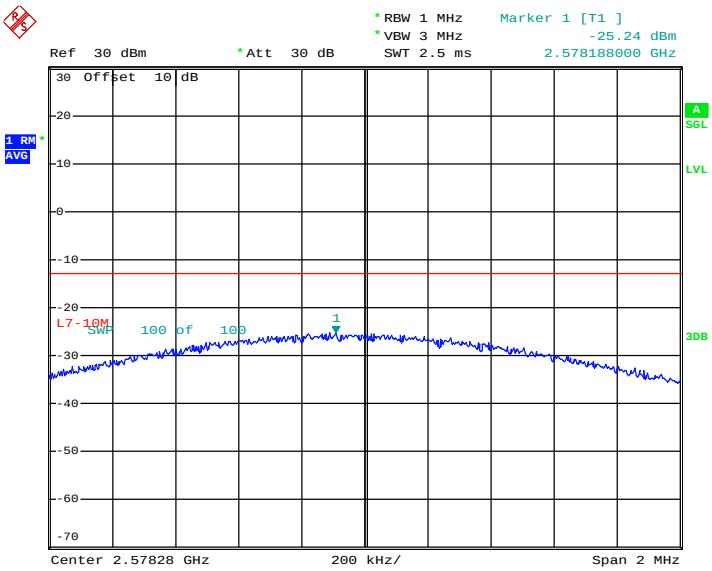


Date: 13.JAN.2015 15:01:12

Lowest channel



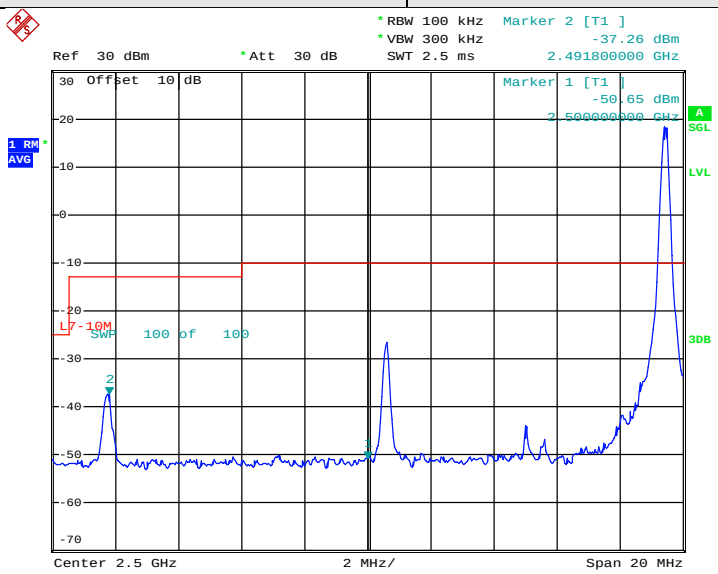
Date: 13.JAN.2015 15:13:01



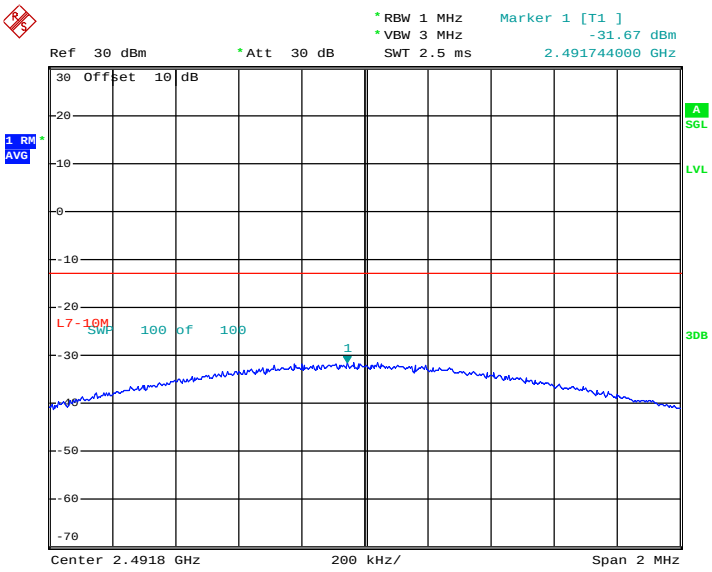
Date: 13.JAN.2015 15:13:23

Highest channel

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

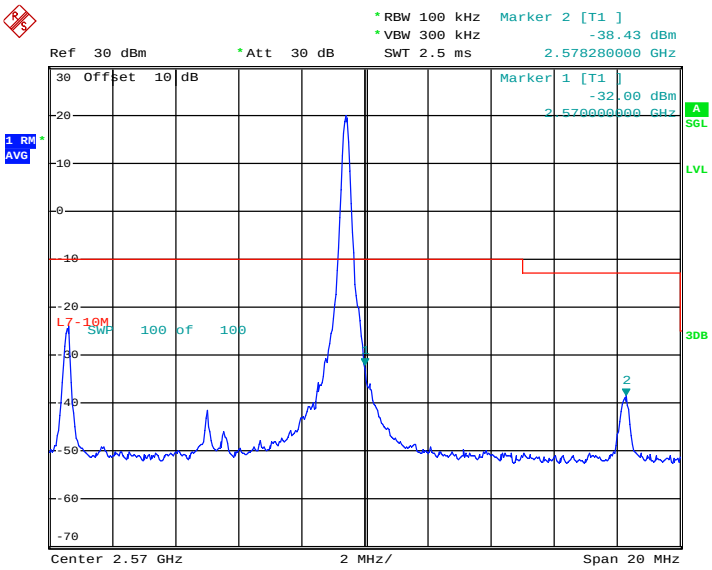


Date: 13.JAN.2015 15:05:04

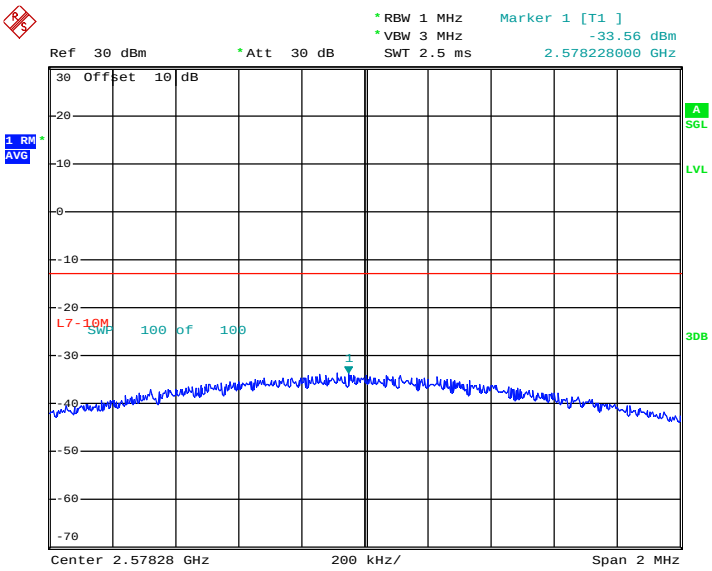


Date: 13.JAN.2015 15:05:52

Lowest channel



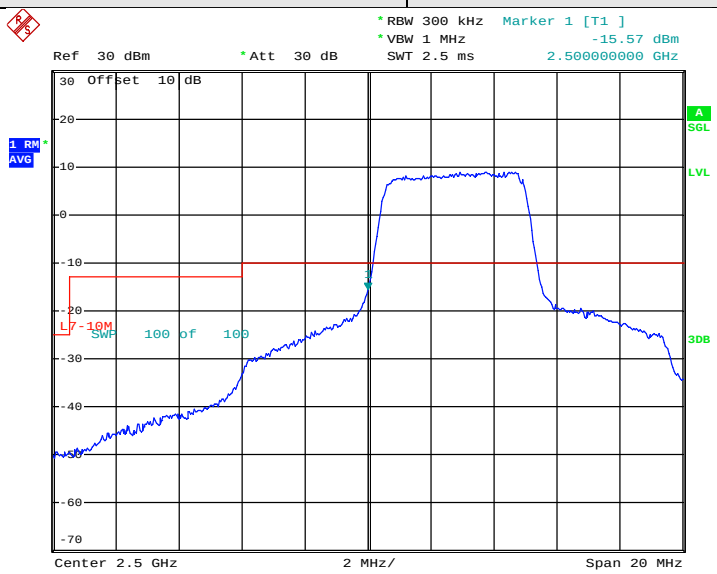
Date: 13.JAN.2015 15:16:55



Date: 13.JAN.2015 15:17:21

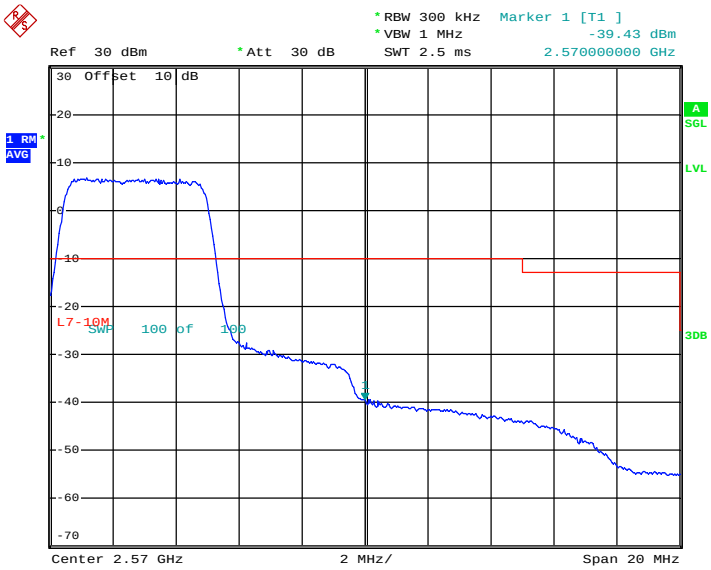
Highest channel

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



Date: 27.FEB.2015 15:37:11

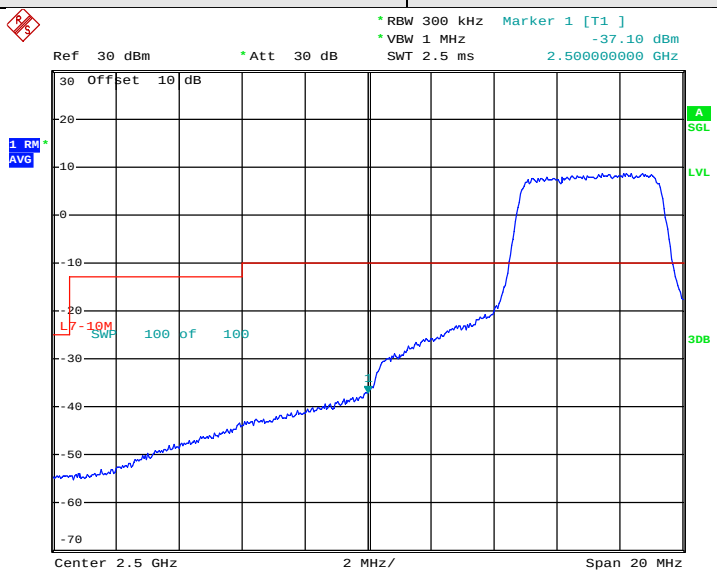
Lowest channel



Date: 27.FEB.2015 15:38:28

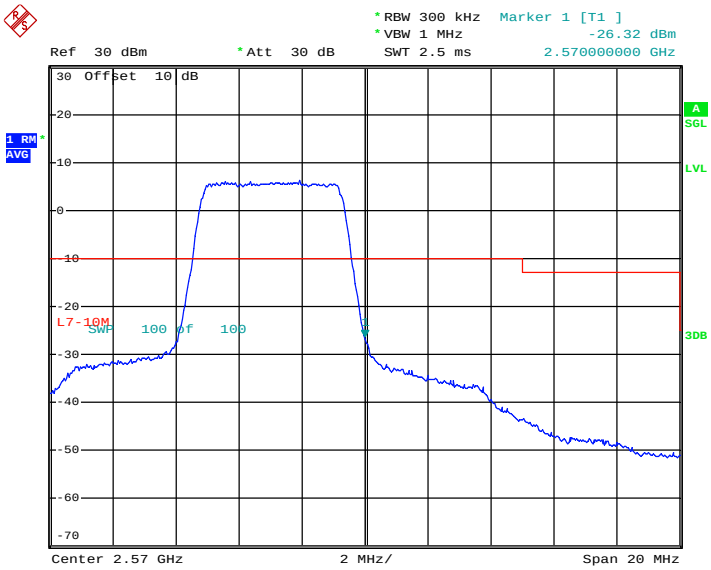
Highest channel

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



Date: 27.FEB.2015 15:37:59

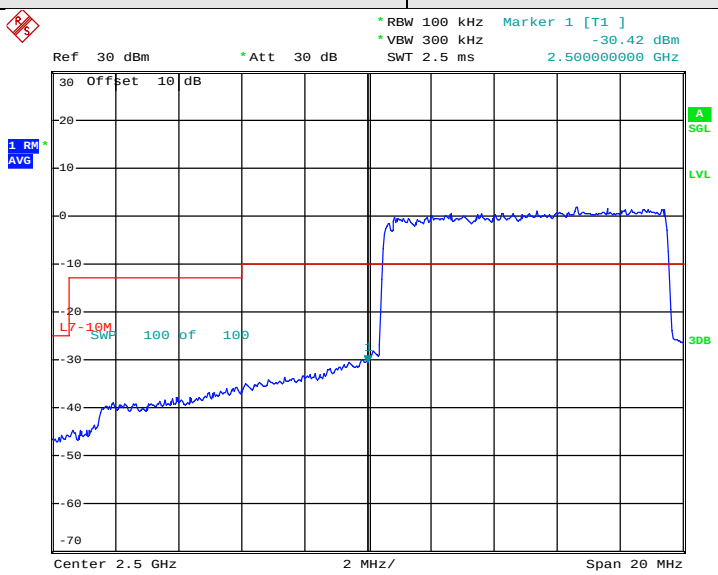
Lowest channel



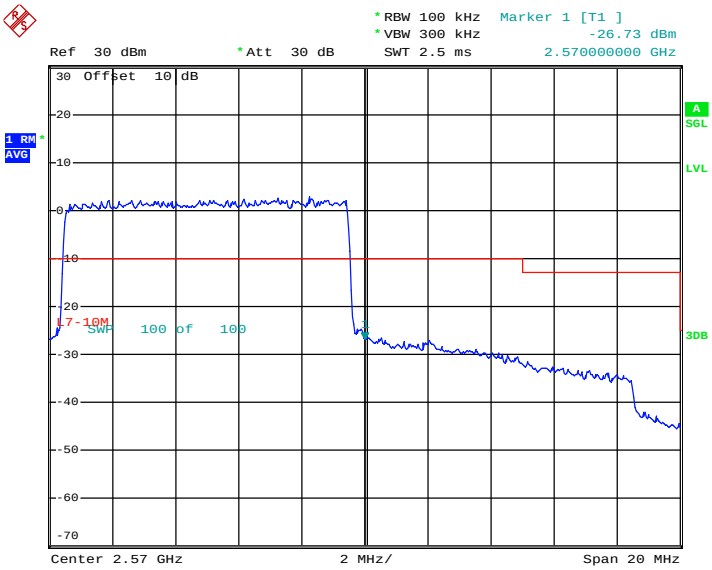
Date: 27.FEB.2015 15:39:16

Highest channel

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



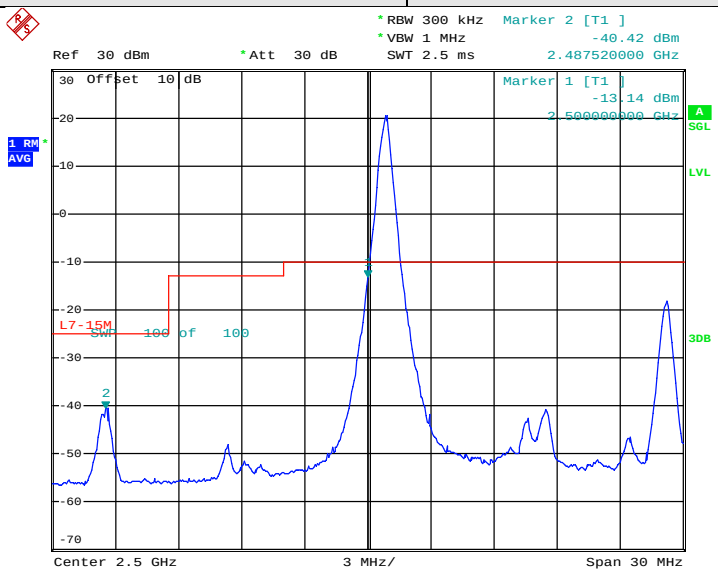
Lowest channel



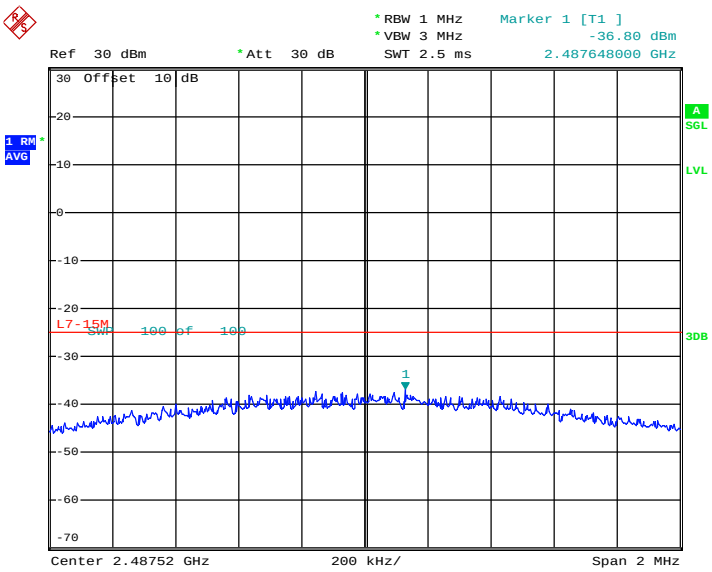
Highest channel

15MHz:

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

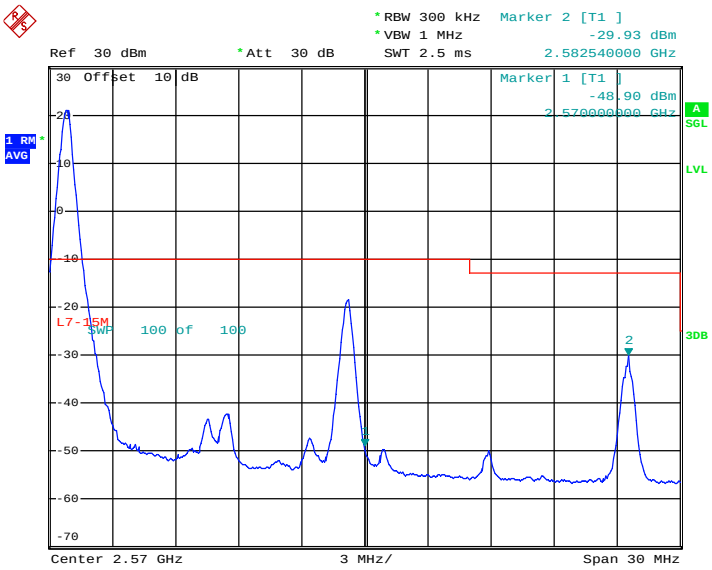


Date: 13.JAN.2015 16:33:07

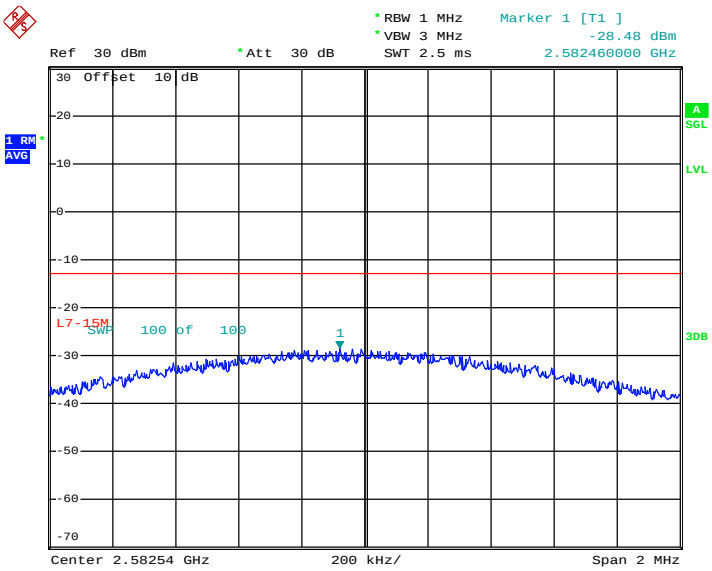


Date: 13.JAN.2015 16:33:30

Lowest channel



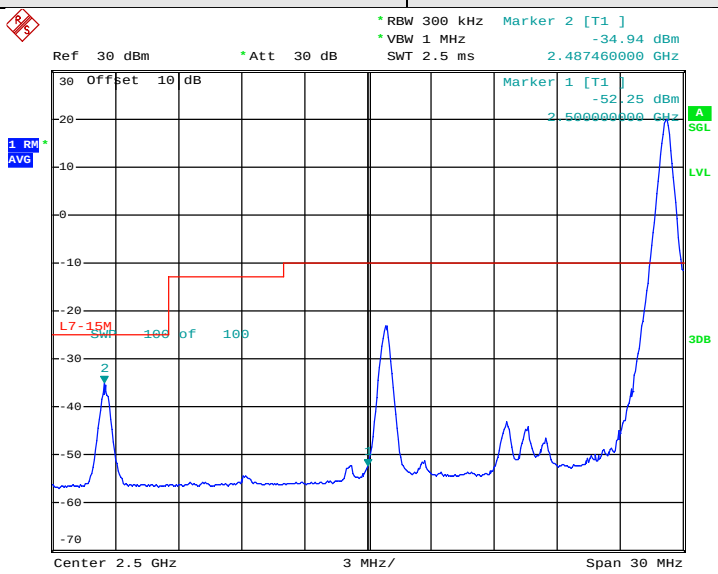
Date: 13.JAN.2015 16:39:34



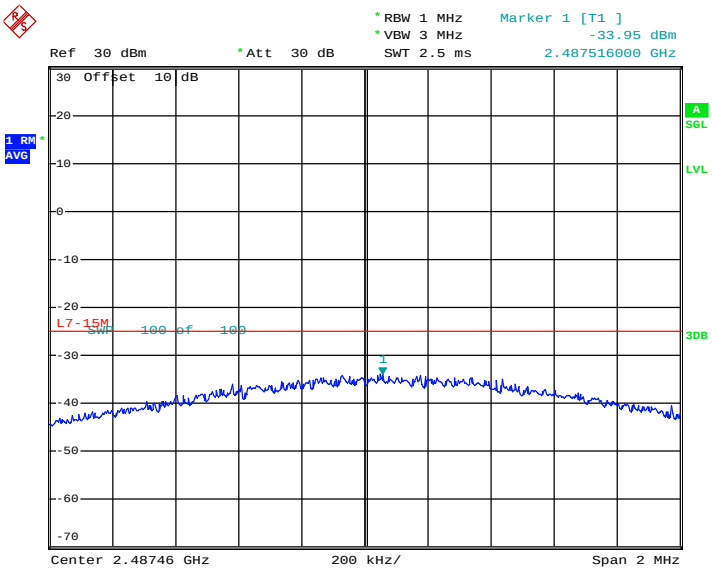
Date: 13.JAN.2015 16:39:58

Highest channel

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

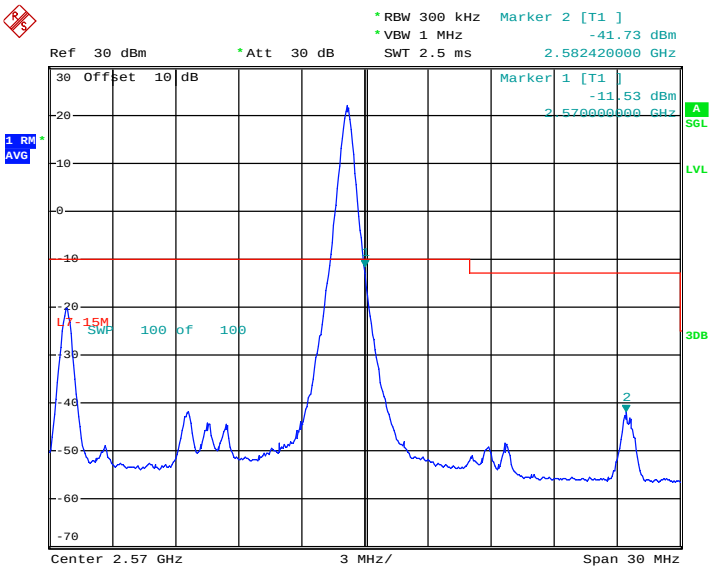


Date: 13.JAN.2015 16:34:12

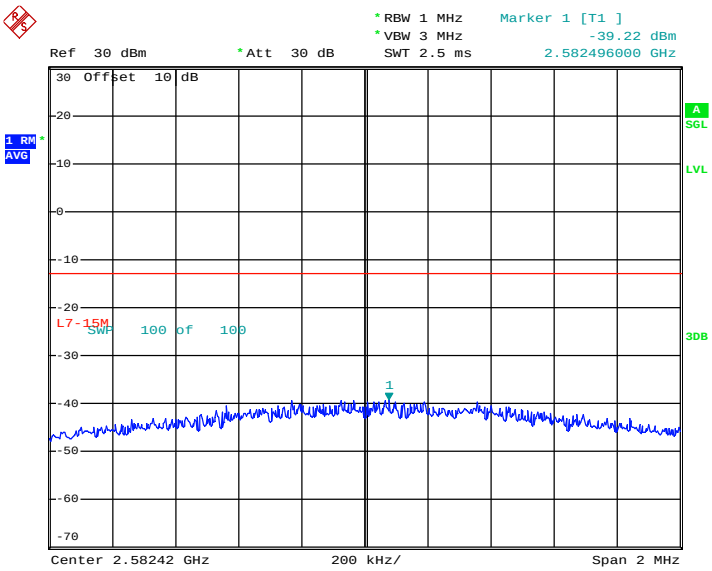


Date: 13.JAN.2015 16:34:37

Lowest channel



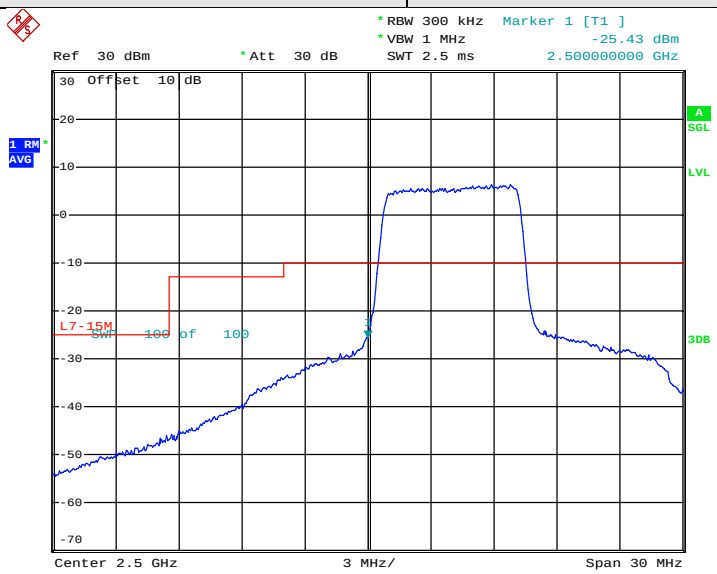
Date: 13.JAN.2015 16:40:47



Date: 13.JAN.2015 16:41:21

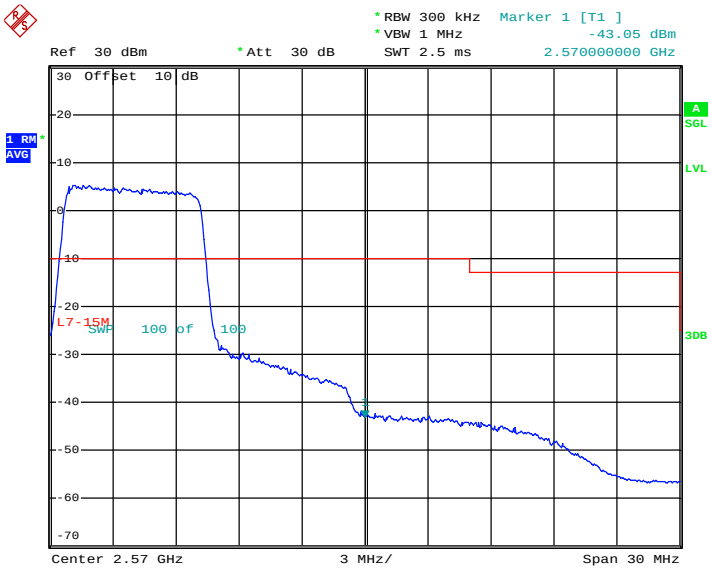
Highest channel

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



Date: 27.FEB.2015 15:40:39

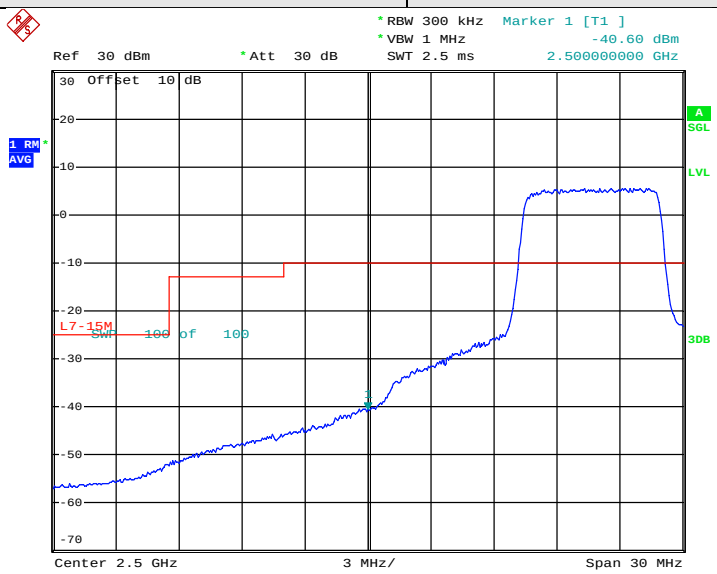
Lowest channel



Date: 27.FEB.2015 15:41:48

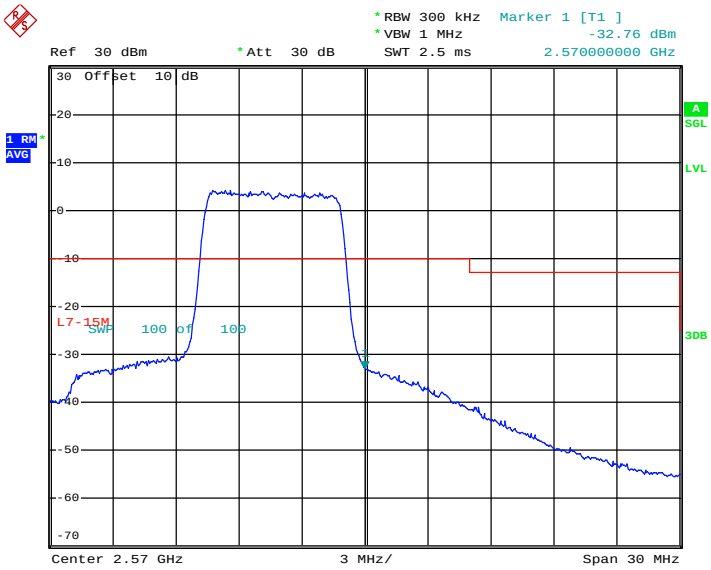
Highest channel

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



Date: 27.FEB.2015 15:40:53

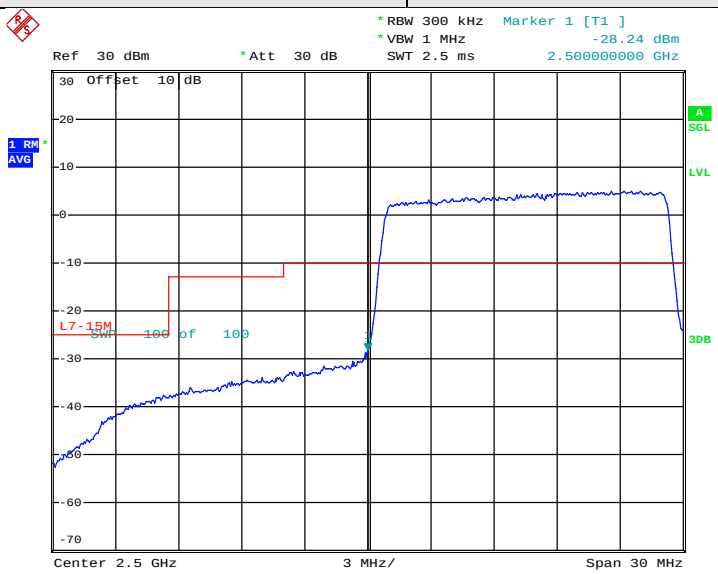
Lowest channel



Date: 27.FEB.2015 15:42:04

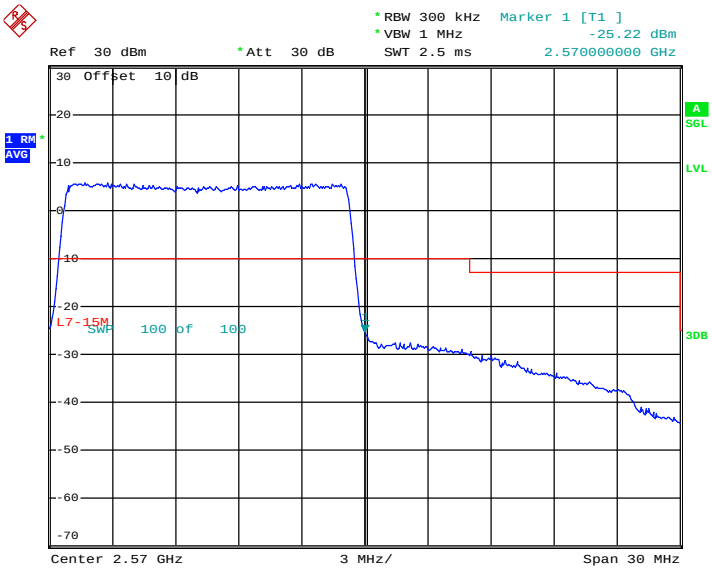
Highest channel

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



Date: 13.JAN.2015 16:36:47

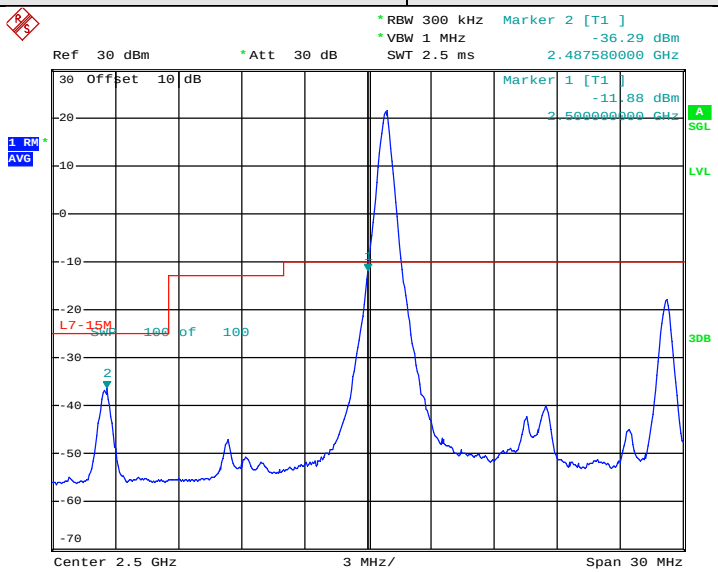
Lowest channel



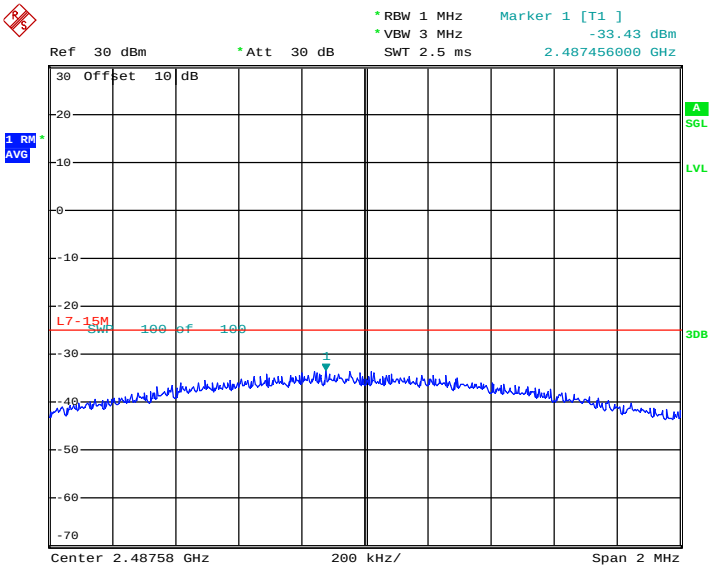
Date: 13.JAN.2015 16:37:26

Highest channel

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

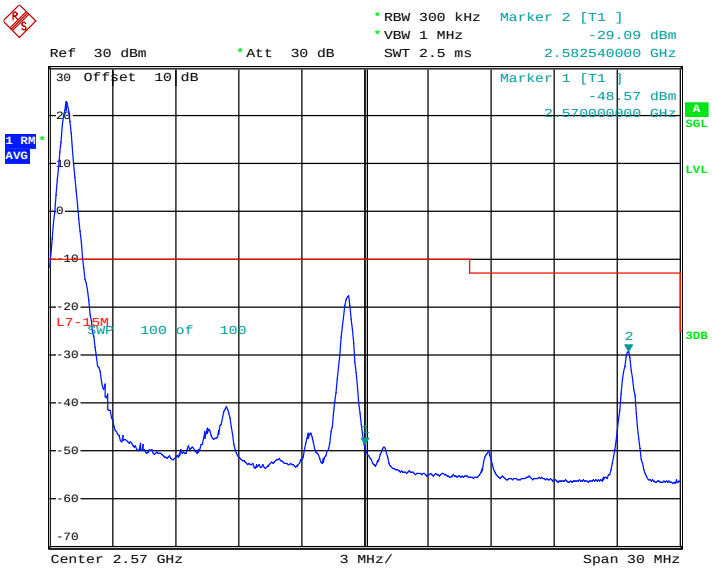


Date: 13.JAN.2015 16:31:46

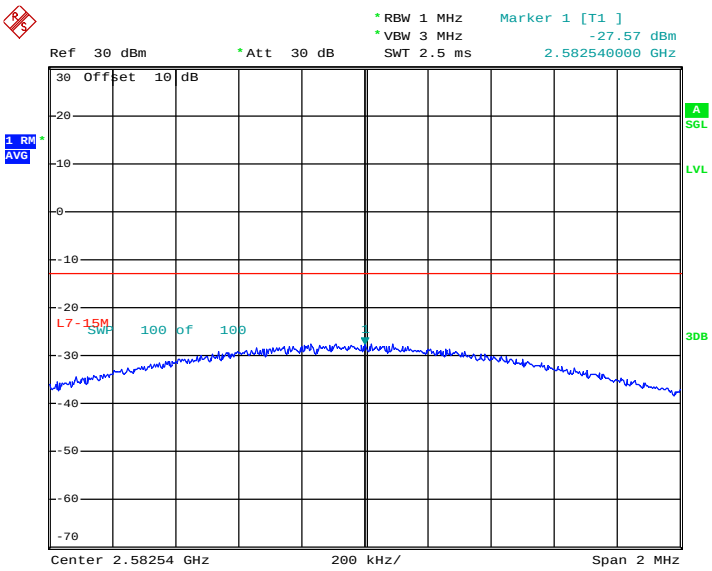


Date: 13.JAN.2015 16:32:13

Lowest channel



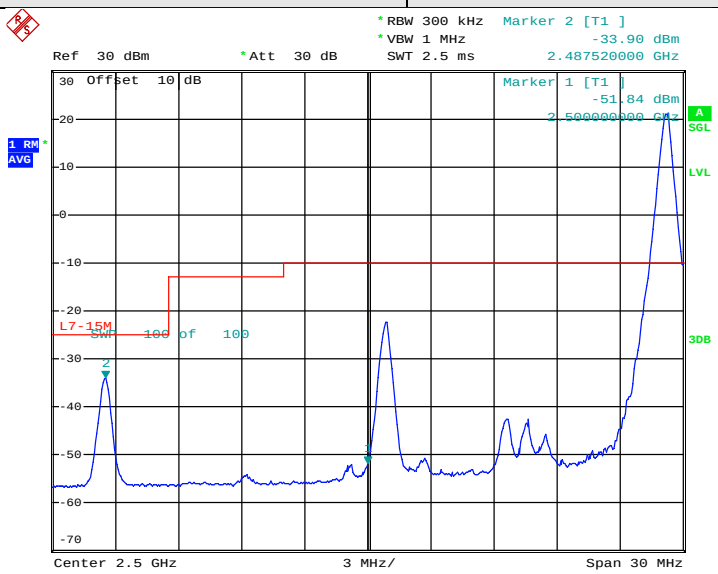
Date: 13.JAN.2015 16:38:15



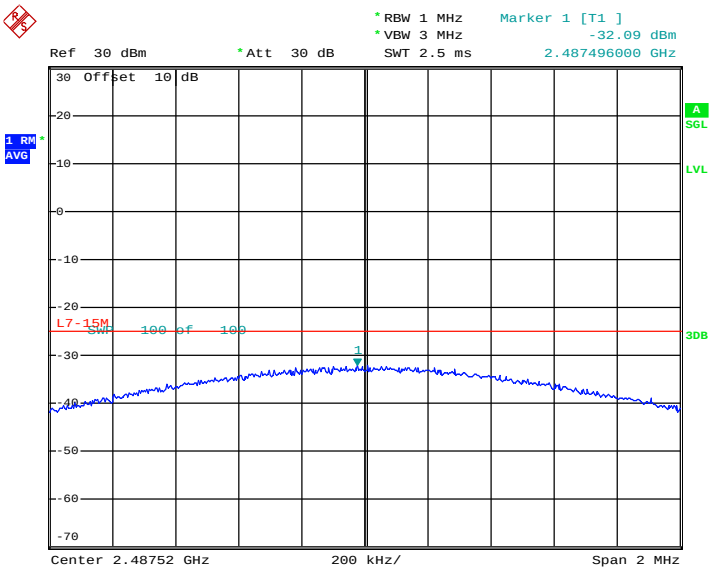
Date: 13.JAN.2015 16:38:38

Highest channel

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

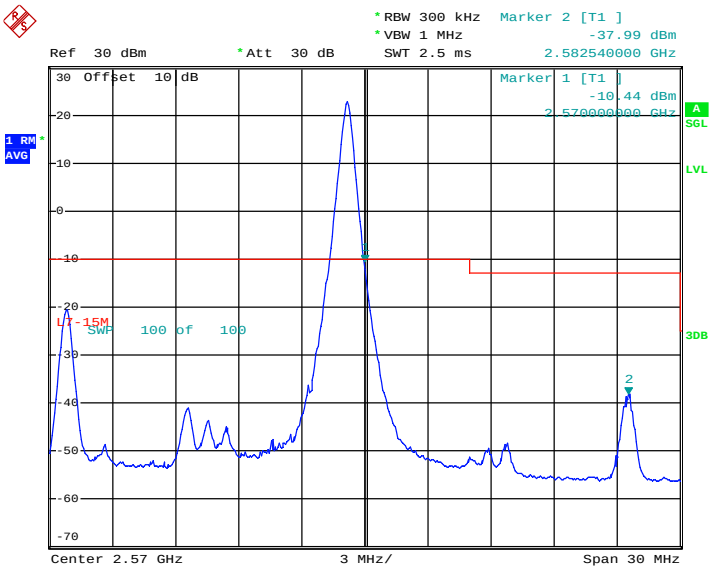


Date: 13.JAN.2015 16:35:16

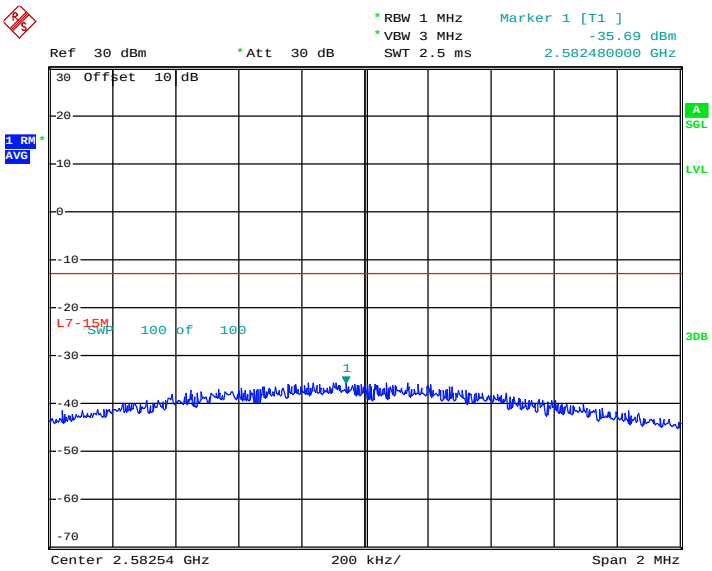


Date: 13.JAN.2015 16:35:40

Lowest channel



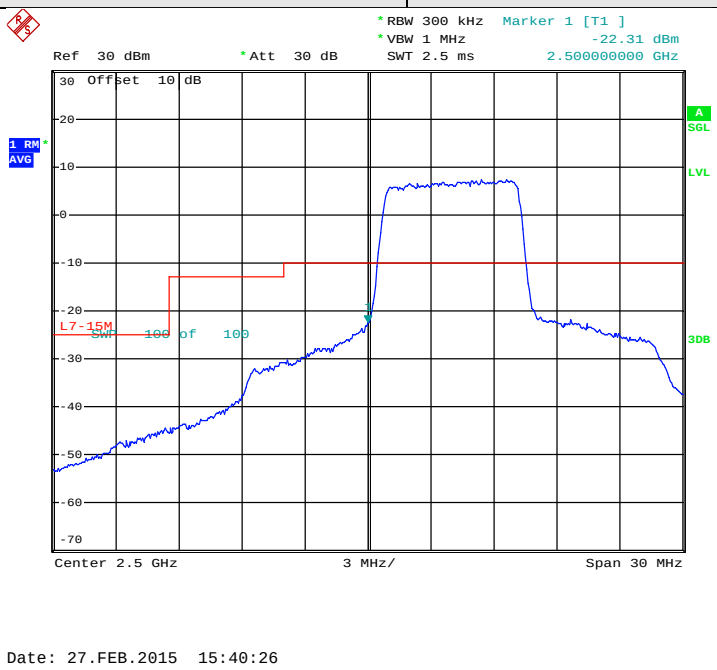
Date: 13.JAN.2015 16:42:51



Date: 13.JAN.2015 16:43:14

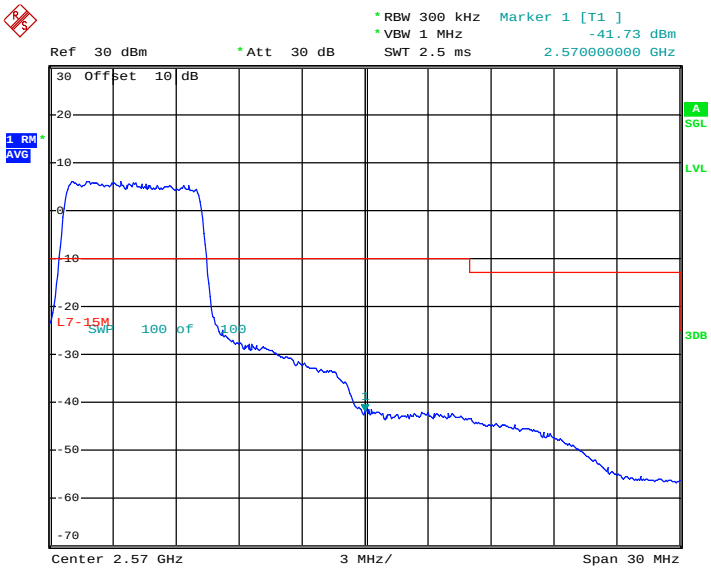
Highest channel

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



Date: 27.FEB.2015 15:40:26

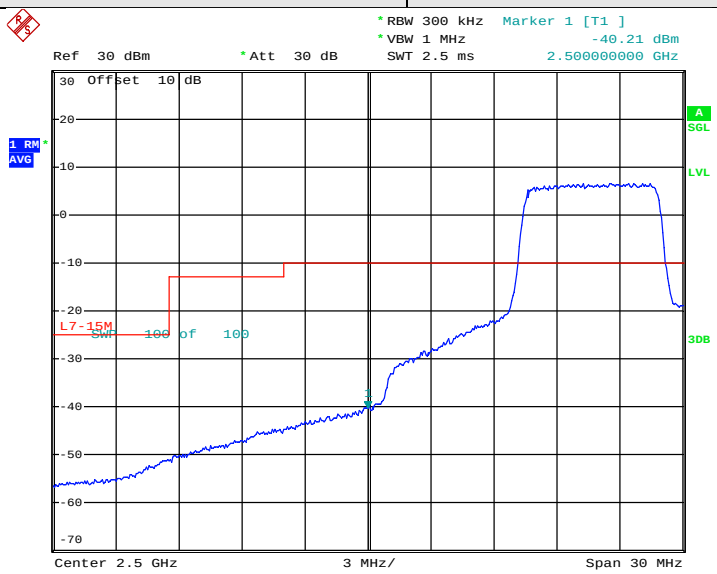
Lowest channel



Date: 27.FEB.2015 15:41:34

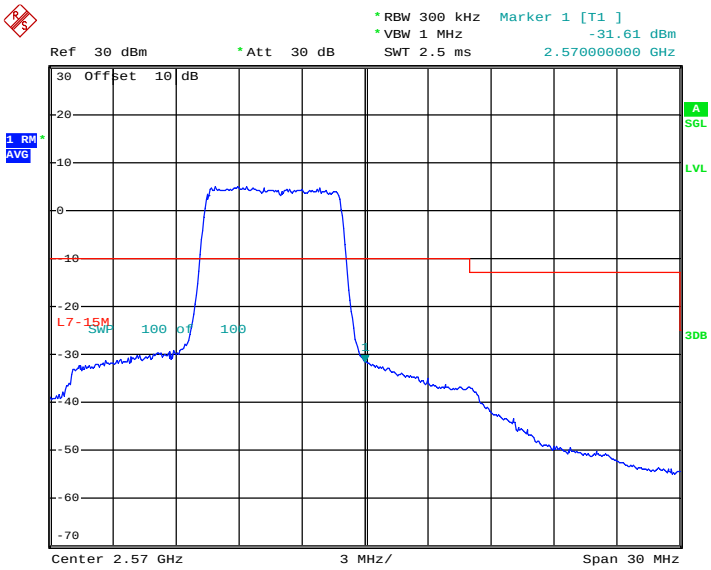
Highest channel

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



Date: 27.FEB.2015 15:41:05

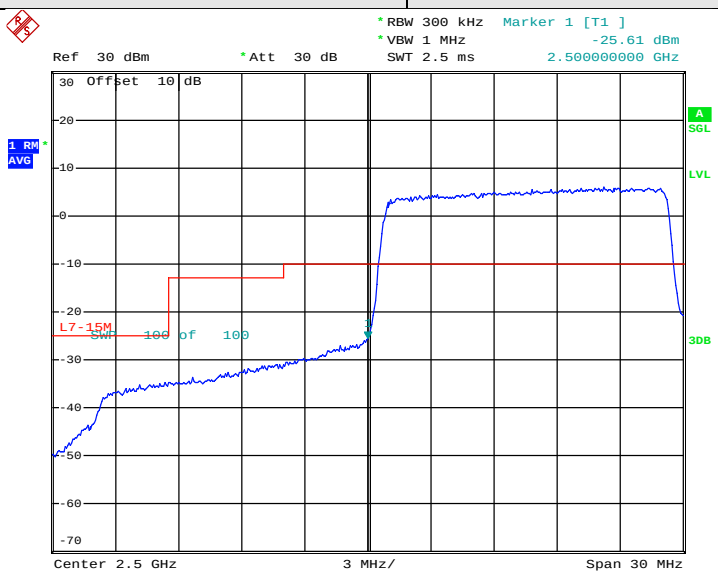
Lowest channel



Date: 27.FEB.2015 15:42:17

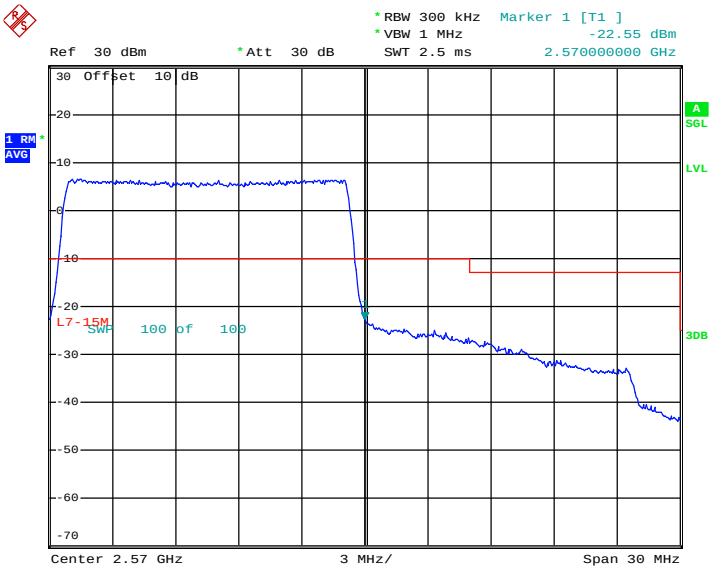
Highest channel

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



Date: 13.JAN.2015 16:36:27

Lowest channel

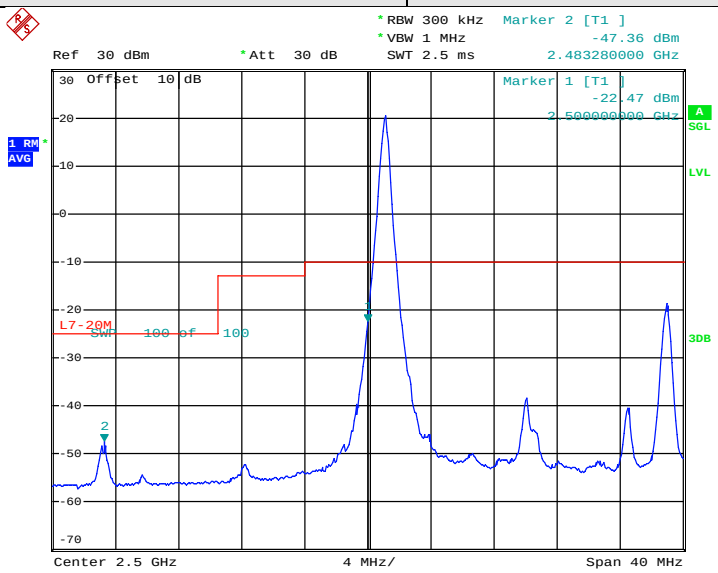


Date: 13.JAN.2015 16:37:44

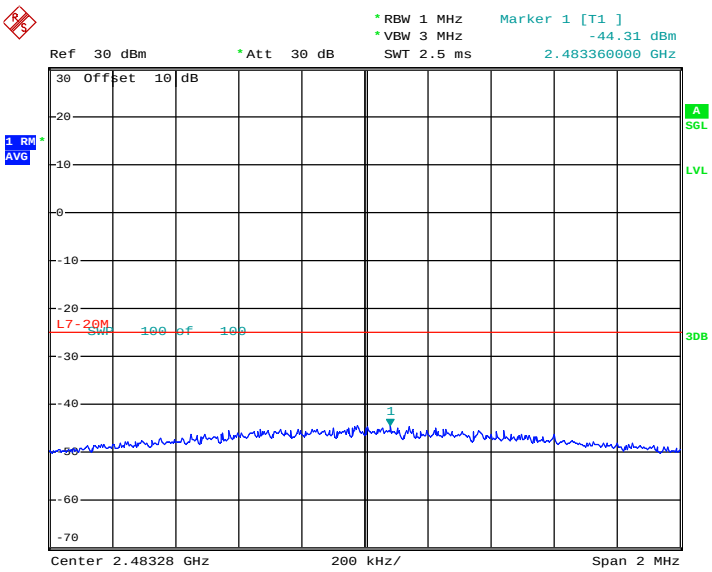
Highest channel

20MHz:

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

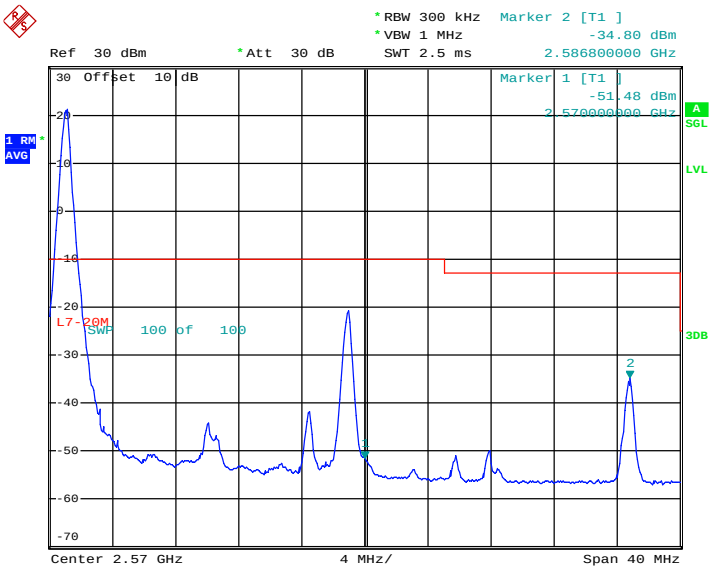


Date: 13.JAN.2015 16:46:49

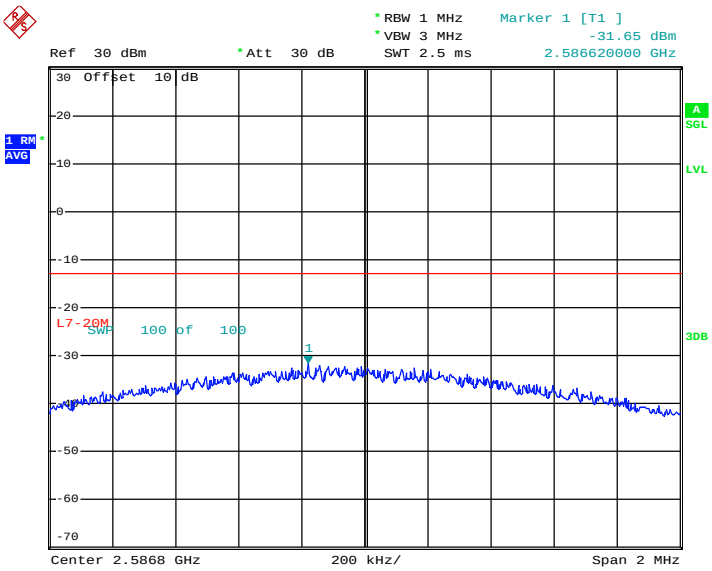


Date: 13.JAN.2015 16:47:21

Lowest channel



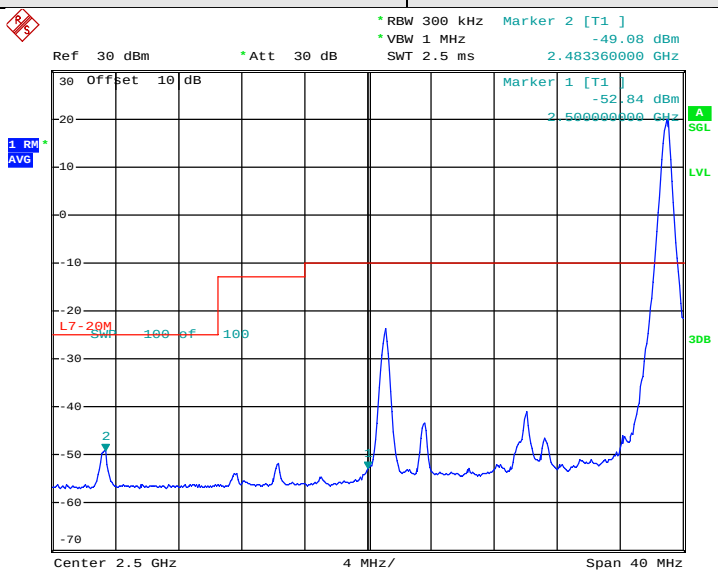
Date: 13.JAN.2015 16:53:02



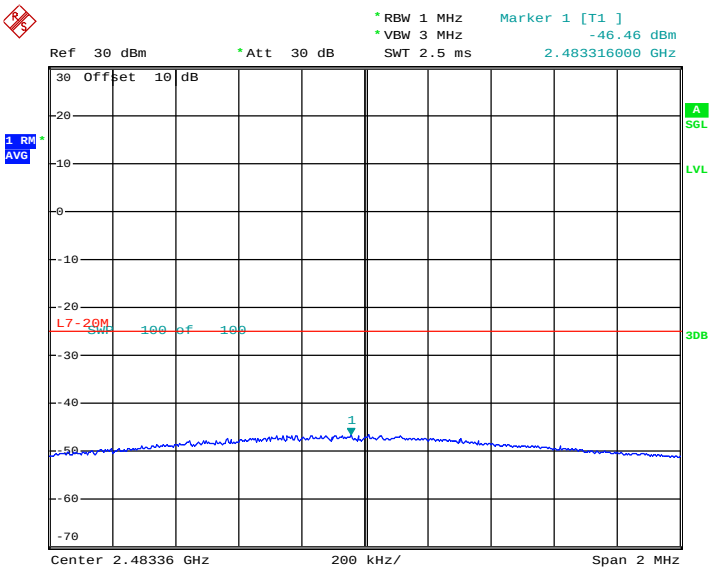
Date: 13.JAN.2015 16:53:39

Highest channel

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

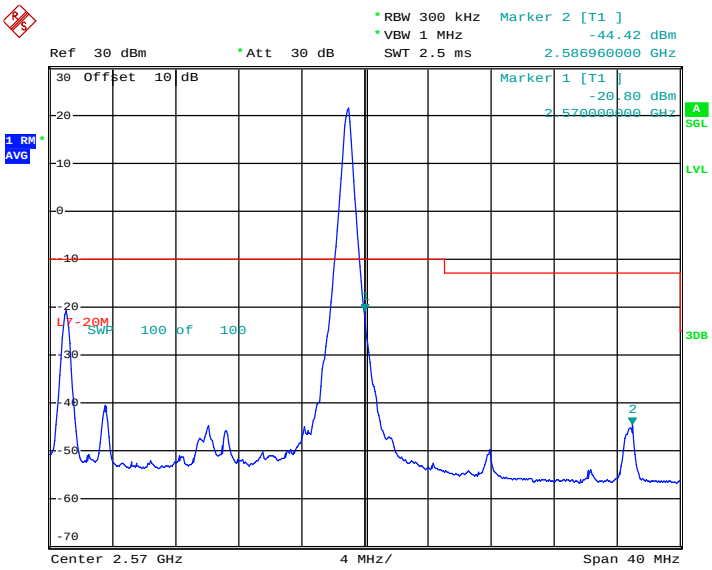


Date: 13.JAN.2015 16:48:03

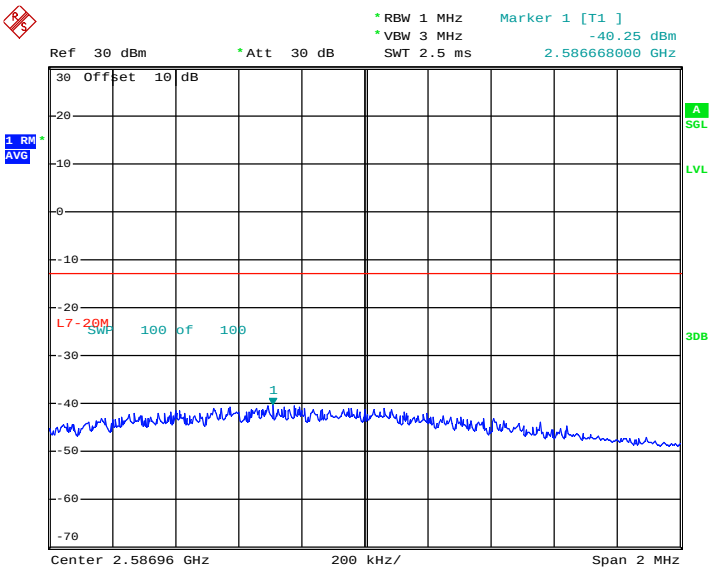


Date: 13.JAN.2015 16:48:26

Lowest channel



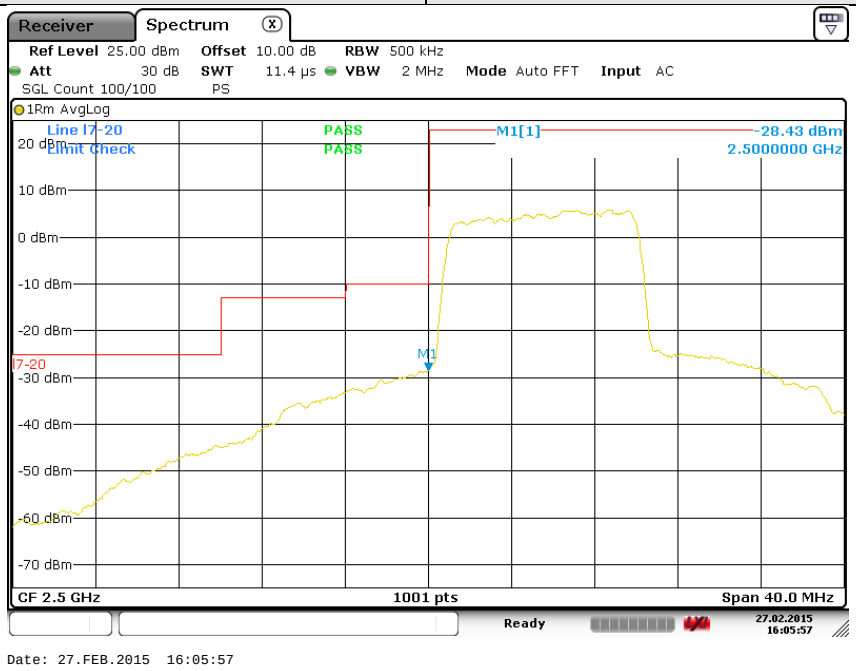
Date: 13.JAN.2015 16:54:51



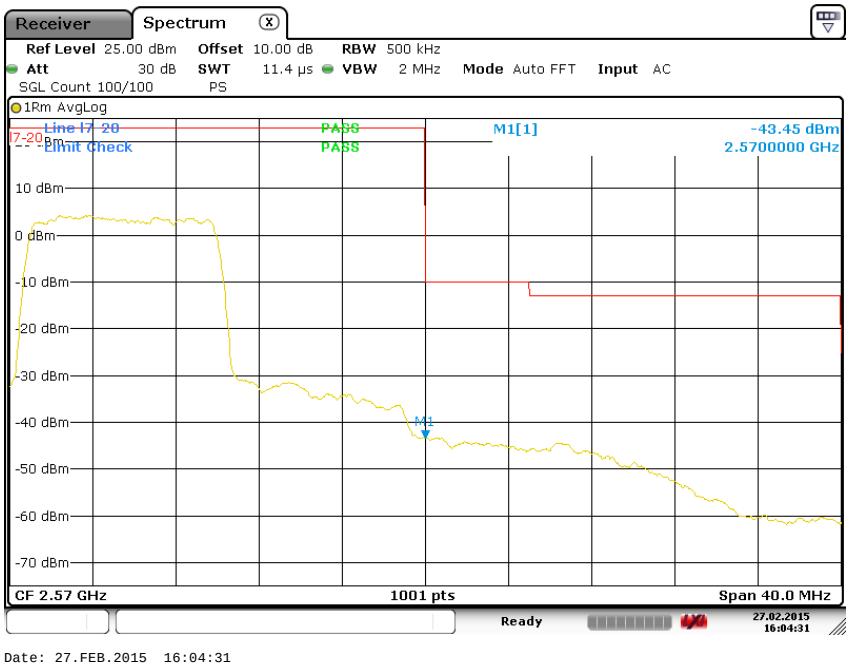
Date: 13.JAN.2015 16:55:10

Highest channel

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

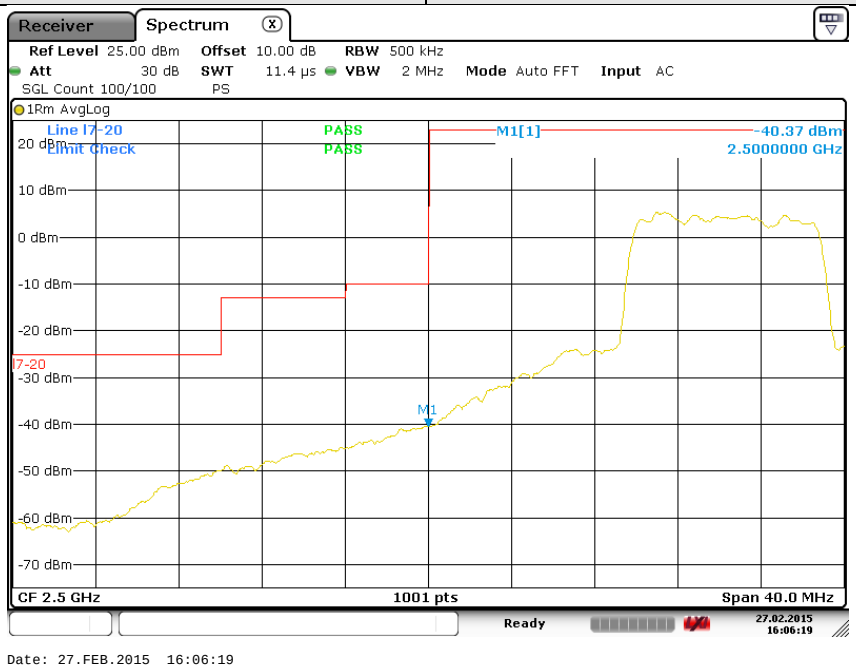


Lowest channel



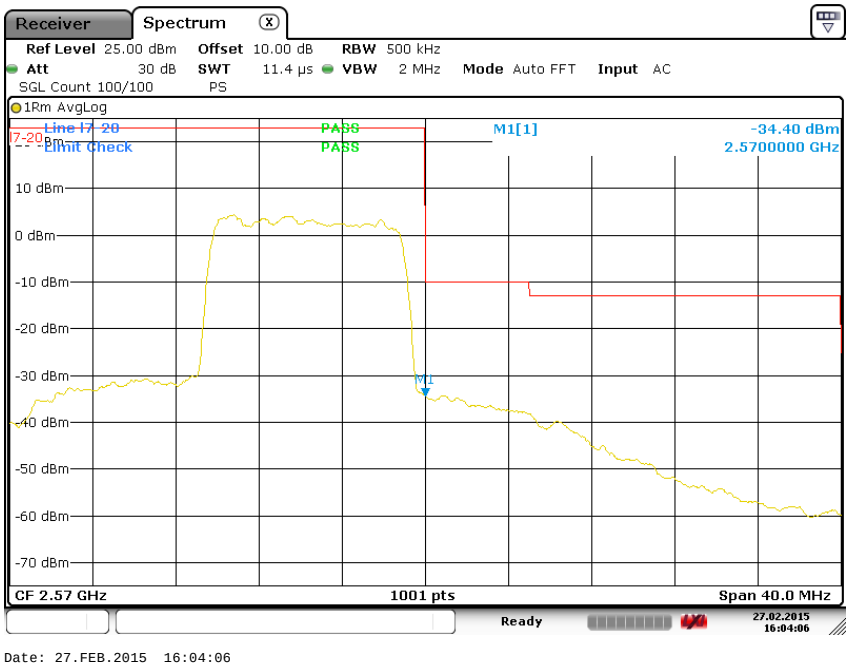
Highest channel

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



Date: 27.FEB.2015 16:06:19

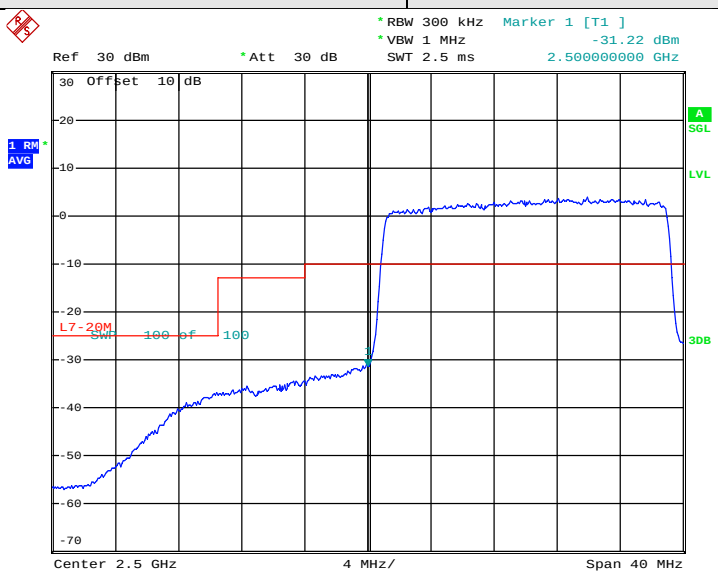
Lowest channel



Date: 27.FEB.2015 16:04:06

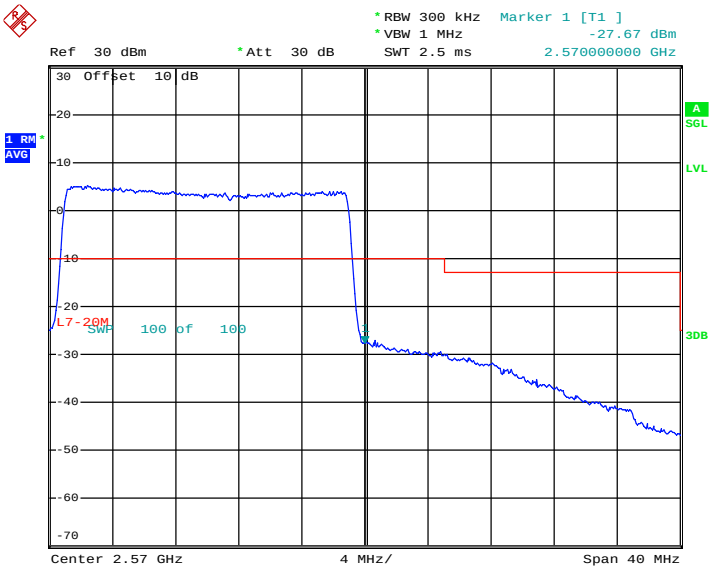
Highest channel

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



Date: 13.JAN.2015 16:50:18

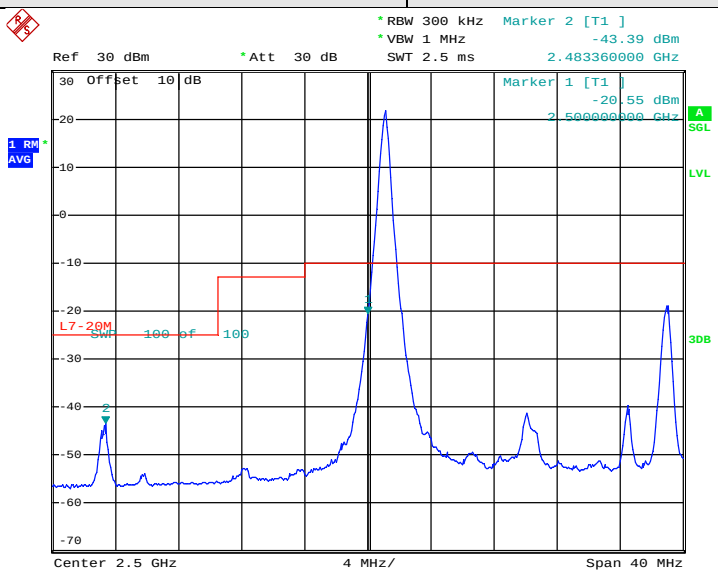
Lowest channel



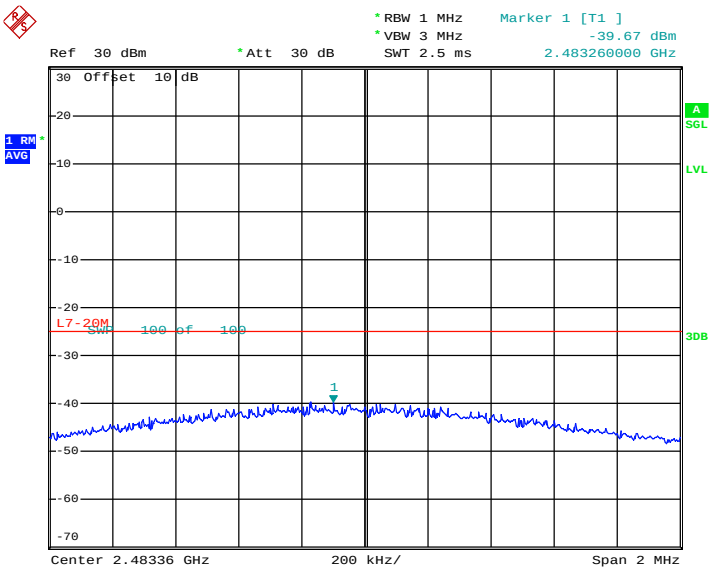
Date: 13.JAN.2015 16:50:58

Highest channel

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

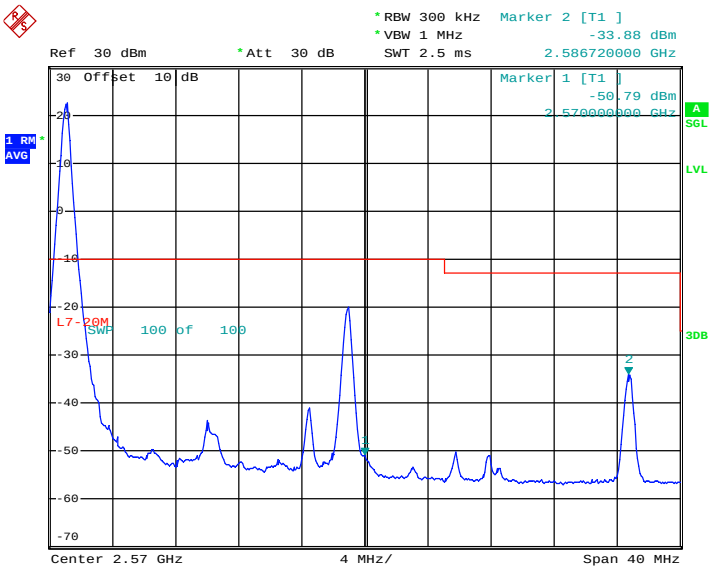


Date: 13.JAN.2015 16:45:10

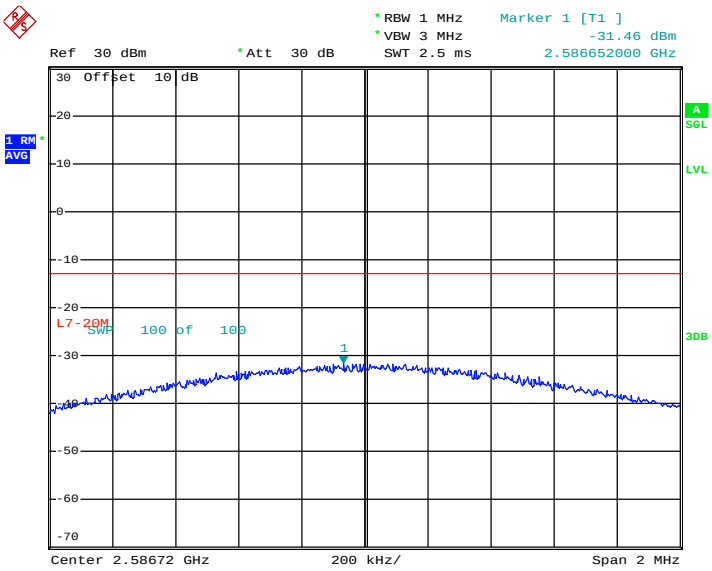


Date: 13.JAN.2015 16:45:33

Lowest channel



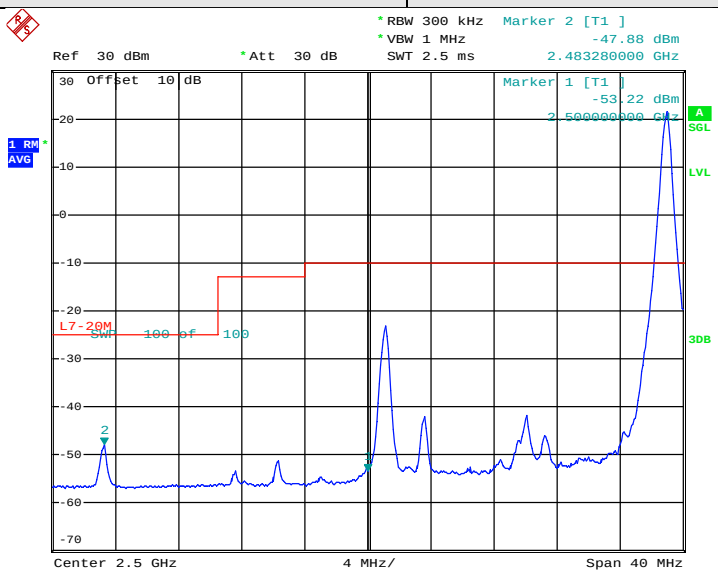
Date: 13.JAN.2015 16:51:50



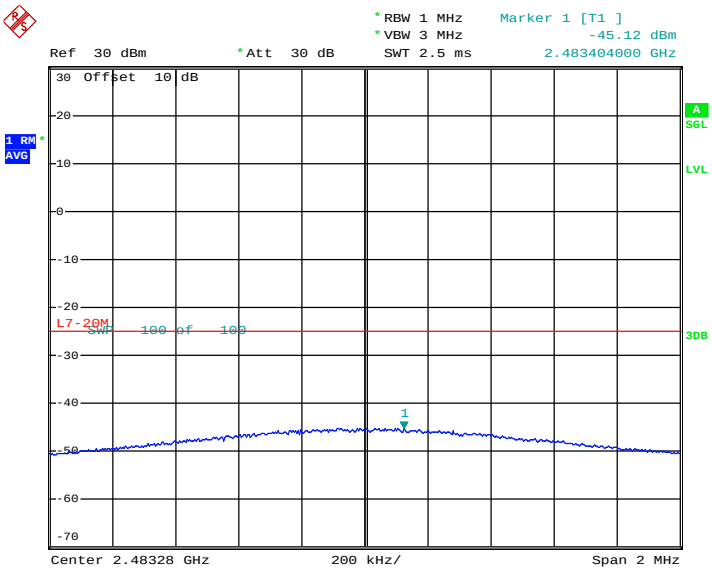
Date: 13.JAN.2015 16:52:22

Highest channel

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

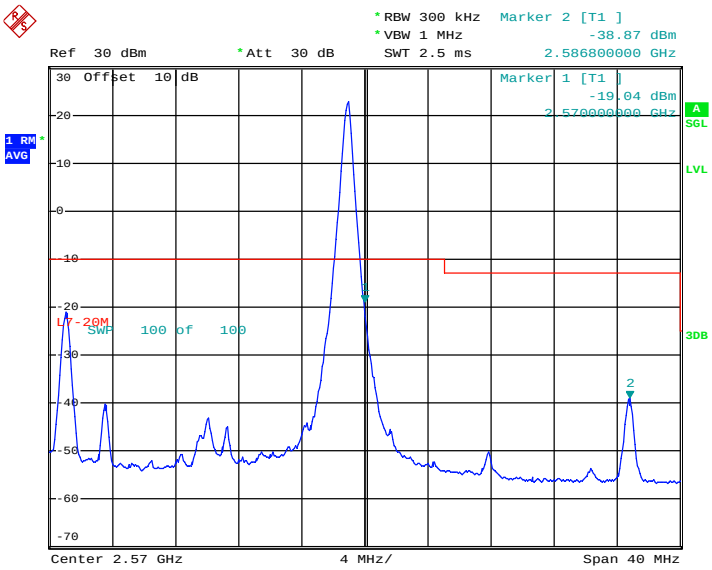


Date: 13.JAN.2015 16:49:04

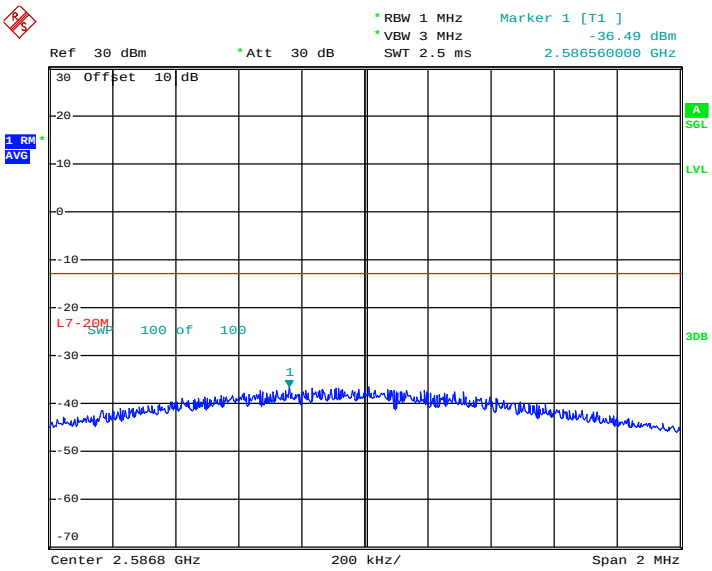


Date: 13.JAN.2015 16:49:23

Lowest channel



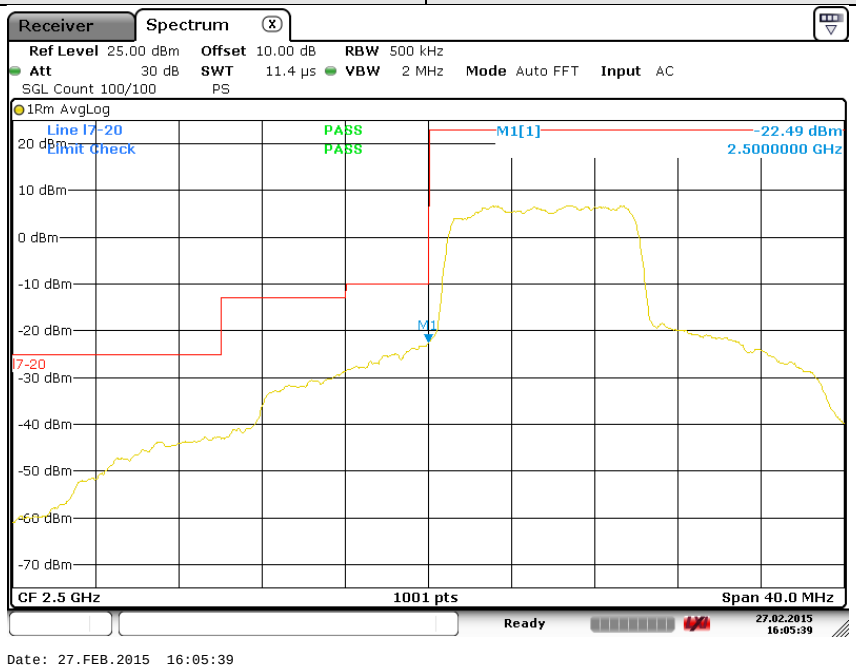
Date: 13.JAN.2015 16:55:46



Date: 13.JAN.2015 16:56:06

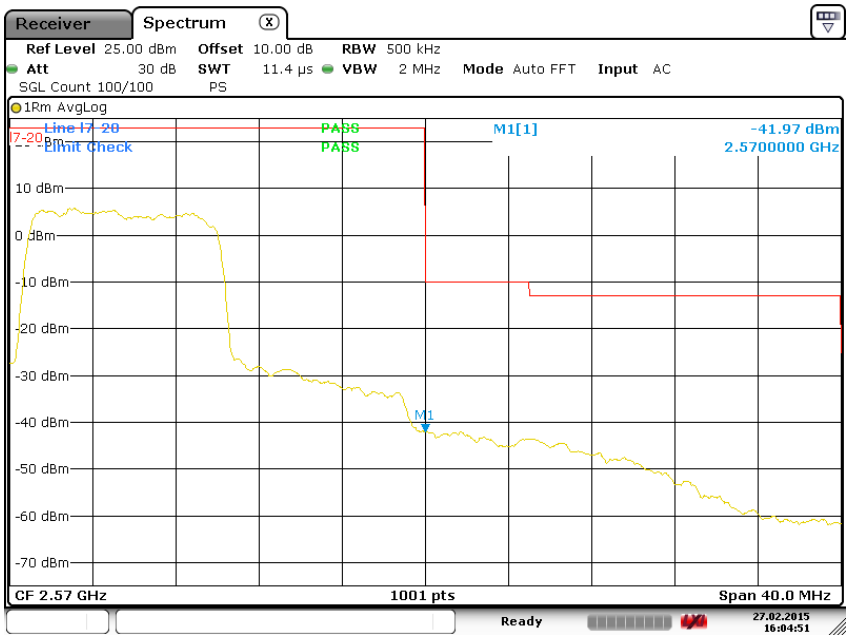
Highest channel

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



Date: 27.FEB.2015 16:05:39

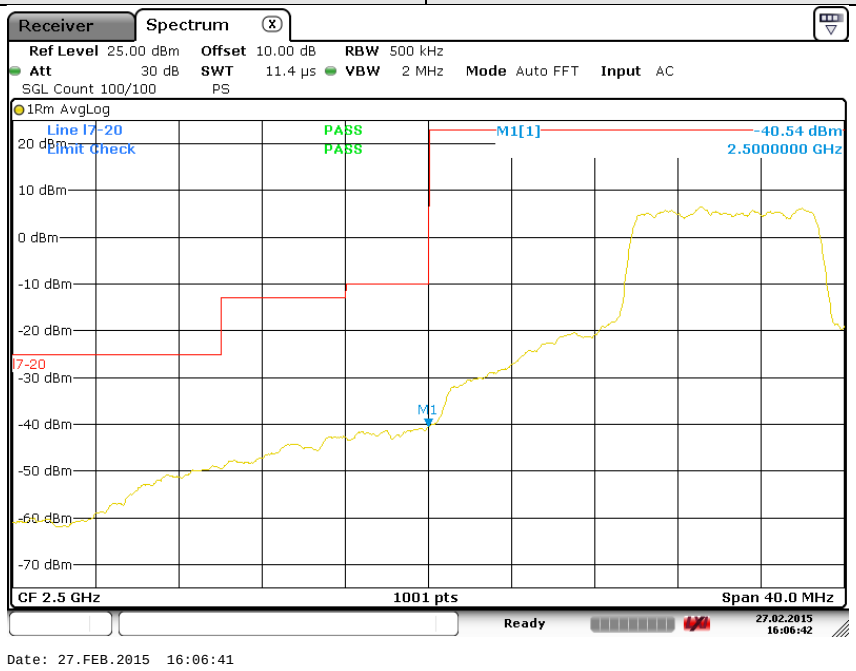
Lowest channel



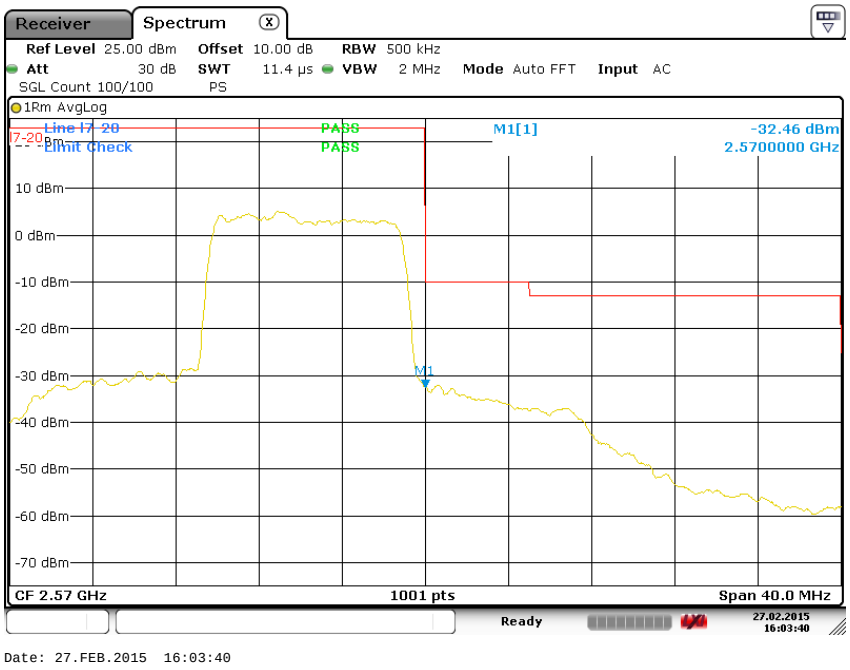
Date: 27.FEB.2015 16:04:50

Highest channel

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

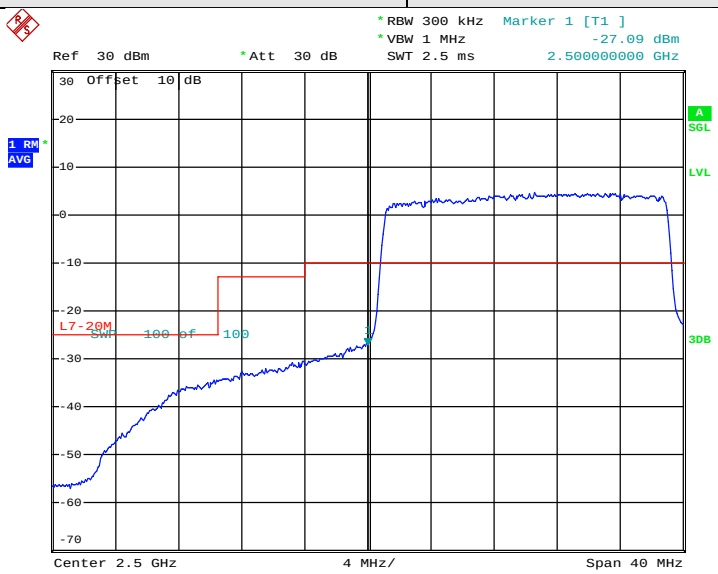


Lowest channel



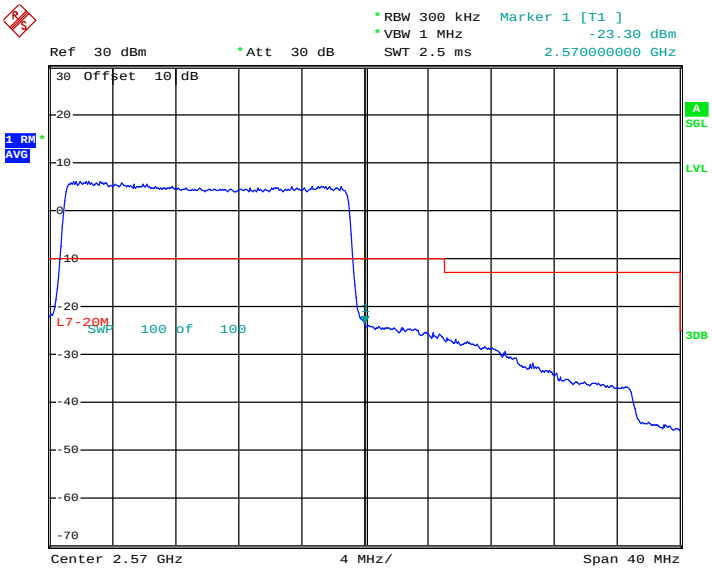
Highest channel

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



Date: 13.JAN.2015 16:50:01

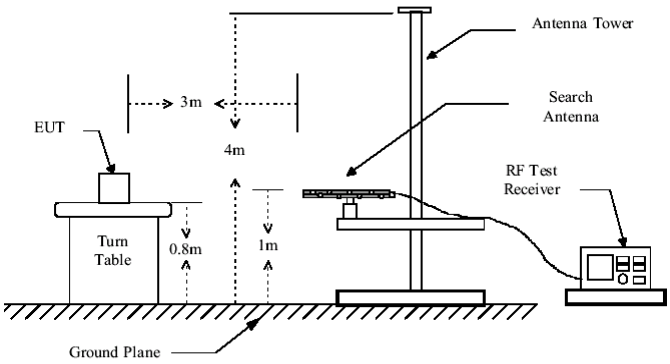
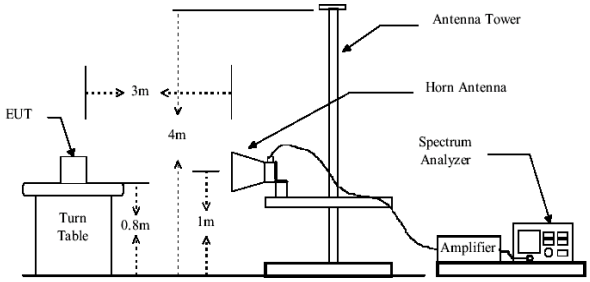
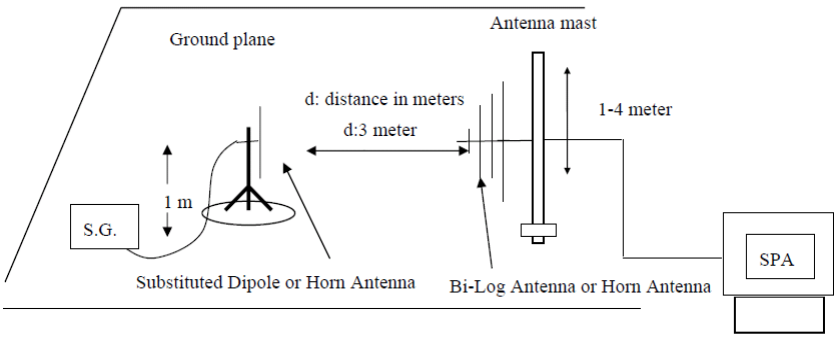
Lowest channel



Date: 13.JAN.2015 16:51:14

Highest channel

6.10 ERP, EIRP Measurement

Test Requirement:	FCC part 24.232 (c), part 27.50(d) and part 27.50(h)
Test Method:	FCC part 2.1046
Limit:	LTE Band 2: 2W EIRP LTE Band 4: 1W EIRP LTE Band 7: 2W 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 2502.5-2567.5 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	27.13	33.00	Pass
					H	22.74		
1850.70	18607	16QAM	1.4	H	V	26.46		
					H	22.15		
1.4MHz(RB size 3 & RB offset 0)								
1850.70	18607	QPSK	1.4	H	V	25.86	33.00	Pass
					H	22.39		
1850.70	18607	16QAM	1.4	H	V	25.53		
					H	22.35		
1.4MHz(RB size 6 & RB offset 0)								
1850.70	18607	QPSK	1.4	H	V	25.12	33.00	Pass
					H	22.15		
1850.70	18607	16QAM	1.4	H	V	25.03		
					H	22.12		

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	27.25	33.00	Pass
					H	22.22		
1880.00	18900	16QAM	1.4	H	V	27.13		
					H	22.14		
1.4MHz(RB size 3 & RB offset 0)								
1880.00	18900	QPSK	1.4	H	V	25.59	33.00	Pass
					H	21.89		
1880.00	18900	16QAM	1.4	H	V	25.46		
					H	21.52		
1.4MHz(RB size 6 & RB offset 0)								
1880.00	18900	QPSK	1.4	H	V	24.62	33.00	Pass
					H	21.03		
1880.00	18900	16QAM	1.4	H	V	24.48		
					H	20.58		

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	25.13	33.00	Pass
					H	22.68		
1909.30	19193	16QAM	1.4	H	V	24.89		
					H	22.48		
1.4MHz(RB size 3 & RB offset 0)								
1909.30	19193	QPSK	1.4	H	V	24.18	33.00	Pass
					H	22.12		
1909.30	19193	16QAM	1.4	H	V	24.06		
					H	22.05		
1.4MHz(RB size 6 & RB offset 0)								
1909.30	19193	QPSK	1.4	H	V	23.45	33.00	Pass
					H	21.18		
1909.30	19193	16QAM	1.4	H	V	23.32		
					H	21.12		

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	20.0	H	V	27.32	33.00	Pass
					H	20.96		
1860.00	18700	16QAM	20.0	H	V	27.25		
					H	20.87		
20MHz(RB size 50 & RB offset 0)								
1860.00	18700	QPSK	20.0	H	V	26.54	33.00	Pass
					H	20.13		
1860.00	18700	16QAM	20.0	H	V	26.35		
					H	20.09		
20MHz(RB size 100 & RB offset 0)								
1860.00	18700	QPSK	20.0	H	V	25.96	33.00	Pass
					H	19.55		
1860.00	18700	16QAM	20.0	H	V	25.82		
					H	19.45		

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	20.0	H	V	25.59	33.00	Pass
					H	21.61		
1880.00	18900	16QAM	20.0	H	V	25.49		
					H	21.45		
20MHz(RB size 50 & RB offset 0)								
1880.00	18900	QPSK	20.0	H	V	25.12	33.00	Pass
					H	20.98		
1880.00	18900	16QAM	20.0	H	V	25.02		
					H	20.82		
20MHz(RB size 100 & RB offset 0)								
1880.00	18900	QPSK	20.0	H	V	24.51	33.00	Pass
					H	20.23		
1880.00	18900	16QAM	20.0	H	V	24.40		
					H	20.16		

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	20.0	H	V	25.59	33.00	Pass
					H	20.03		
1900.00	19100	16QAM	20.0	H	V	25.46		
					H	19.85		
20MHz(RB size 50 & RB offset 0)								
1900.00	19100	QPSK	20.0	H	V	25.06	33.00	Pass
					H	19.29		
1900.00	19100	16QAM	20.0	H	V	24.89		
					H	19.21		
20MHz(RB size 100 & RB offset 0)								
1900.00	19100	QPSK	20.0	H	V	24.23	33.00	Pass
					H	18.45		
1900.00	19100	16QAM	20.0	H	V	24.18		
					H	18.37		

LTE band 4 part

Lowset 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	20.48	30.00	Pass
					H	18.81		
1710.70	19957	16QAM	1.4	H	V	20.4		
					H	18.93		
1.4MHz(RB size 3 & RB offset 0)								
1710.70	19957	QPSK	1.4	H	V	20.47	30.00	Pass
					H	18.86		
1710.70	19957	16QAM	1.4	H	V	20.43		
					H	19.07		
1.4MHz(RB size 6 & RB offset 0)								
1710.70	19957	QPSK	1.4	H	V	20.48	30.00	Pass
					H	18.84		
1710.70	19957	16QAM	1.4	H	V	20.34		
					H	18.92		

Middle channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1.4MHz(RB size 1 & RB offset 0)								
1732.50	20175	QPSK	1.4	H	V	19.77	30.00	Pass
					H	19.69		
1732.50	20175	16QAM	1.4	H	V	19.92		
					H	19.84		
1.4MHz(RB size 3 & RB offset 0)								
1732.50	20175	QPSK	1.4	H	V	19.81	30.00	Pass
					H	19.73		
1732.50	20175	16QAM	1.4	H	V	19.98		
					H	19.87		
1.4MHz(RB size 6 & RB offset 0)								
1732.50	20175	QPSK	1.4	H	V	19.75	30.00	Pass
					H	19.62		
1732.50	20175	16QAM	1.4	H	V	19.88		
					H	19.81		

Highest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1.4MHz(RB size 1 & RB offset 0)								
1754.30	20393	QPSK	1.4	H	V	19.66	30.00	Pass
					H	20.47		
1754.30	20393	16QAM	1.4	H	V	20.47		
					H	20.33		
1.4MHz(RB size 3 & RB offset 0)								
1754.30	20393	QPSK	1.4	H	V	19.76	30.00	Pass
					H	20.51		
1754.30	20393	16QAM	1.4	H	V	20.51		
					H	20.48		
1.4MHz(RB size 6 & RB offset 0)								
1754.30	20393	QPSK	1.4	H	V	19.59	30.00	Pass
					H	20.44		
1754.30	20393	16QAM	1.4	H	V	20.41		
					H	20.29		

Lowset 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	20.0	H	V	19.83	30.00	Pass
					H	17.98		
1720.00	20050	16QAM	20.0	H	V	20.55		
					H	18.76		
20MHz(RB size 50 & RB offset 0)								
1720.00	20050	QPSK	20.0	H	V	19.76	30.00	Pass
					H	17.93		
1720.00	20050	16QAM	20.0	H	V	20.48		
					H	18.71		
20MHz(RB size 100 & RB offset 0)								
1720.00	20050	QPSK	20.0	H	V	19.69	30.00	Pass
					H	17.88		
1720.00	20050	16QAM	20.0	H	V	20.39		
					H	18.65		

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	20.0	H	V	19.61	30.00	Pass
					H	18.52		
1732.50	20175	16QAM	20.0	H	V	20.43		
					H	19.32		
20MHz(RB size 50 & RB offset 0)								
1732.50	20175	QPSK	20.0	H	V	19.55	30.00	Pass
					H	18.45		
1732.50	20175	16QAM	20.0	H	V	20.35		
					H	19.26		
20MHz(RB size 100 & RB offset 0)								
1732.50	20175	QPSK	20.0	H	V	19.47	30.00	Pass
					H	18.36		
1732.50	20175	16QAM	20.0	H	V	20.25		
					H	19.18		

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	20.0	H	V	19.68	30.00	Pass
					H	19.36		
1745.00	20300	16QAM	20.0	H	V	20.12		
					H	19.67		
20MHz(RB size 50 & RB offset 0)								
1745.00	20300	QPSK	20.0	H	V	19.64	30.00	Pass
					H	19.31		
1745.00	20300	16QAM	20.0	H	V	19.85		
					H	19.54		
20MHz(RB size 100 & RB offset 0)								
1745.00	20300	QPSK	20.0	H	V	19.51	30.00	Pass
					H	19.25		
1745.00	20300	16QAM	20.0	H	V	19.79		
					H	19.46		

LTE band 7 part
Lowest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
5MHz(RB size 1 & RB offset 0)								
2502.50	20775	QPSK	5.0	H	V	20.88	33.00	Pass
					H	18.49		
2502.50	20775	16QAM	5.0	H	V	20.68		
					H	18.39		
5MHz(RB size 12 & RB offset 0)								
2502.50	20775	QPSK	5.0	H	V	20.63	33.00	Pass
					H	18.35		
2502.50	20775	16QAM	5.0	H	V	20.55		
					H	18.27		
5MHz(RB size 25 & RB offset 0)								
2502.50	20775	QPSK	5.0	H	V	20.46	33.00	Pass
					H	18.19		
2502.50	20775	16QAM	5.0	H	V	20.32		
					H	18.11		

Middle channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
5MHz(RB size 1 & RB offset 0)								
2535.00	21100	QPSK	5.0	H	V	21.64	33.00	Pass
					H	18.25		
2535.00	21100	16QAM	5.0	H	V	21.56		
					H	18.18		
5MHz(RB size 12 & RB offset 0)								
2535.00	21100	QPSK	5.0	H	V	21.55	33.00	Pass
					H	18.21		
2535.00	21100	16QAM	5.0	H	V	21.51		
					H	18.14		
5MHz(RB size 25 & RB offset 0)								
2535.00	21100	QPSK	5.0	H	V	21.47	33.00	Pass
					H	18.15		
2535.00	21100	16QAM	5.0	H	V	21.38		
					H	18.06		

Highest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
5MHz(RB size 1 & RB offset 0)								
2567.50	21425	QPSK	5.0	H	V	21.65	33.00	Pass
					H	18.99		
2567.50	21425	16QAM	5.0	H	V	21.60		
					H	18.93		
5MHz(RB size 12 & RB offset 0)								
2567.50	21425	QPSK	5.0	H	V	21.61	33.00	Pass
					H	18.93		
2567.50	21425	16QAM	5.0	H	V	21.56		
					H	18.89		
5MHz(RB size 25 & RB offset 0)								
2567.50	21425	QPSK	5.0	H	V	21.55	33.00	Pass
					H	18.85		
2567.50	21425	16QAM	5.0	H	V	21.51		
					H	18.79		

Lowest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
20MHz(RB size 1 & RB offset 0)								
2510.00	20850	QPSK	20.0	H	V	21.47	33.00	Pass
					H	18.06		
2510.00	20850	16QAM	20.0	H	V	21.43		
					H	18.00		
20MHz(RB size 50 & RB offset 0)								
2510.00	20850	QPSK	20.0	H	V	21.42	33.00	Pass
					H	17.99		
2510.00	20850	16QAM	20.0	H	V	21.37		
					H	17.94		
20MHz(RB size 100 & RB offset 0)								
2510.00	20850	QPSK	20.0	H	V	21.37	33.00	Pass
					H	17.93		
2510.00	20850	16QAM	20.0	H	V	21.33		
					H	17.85		

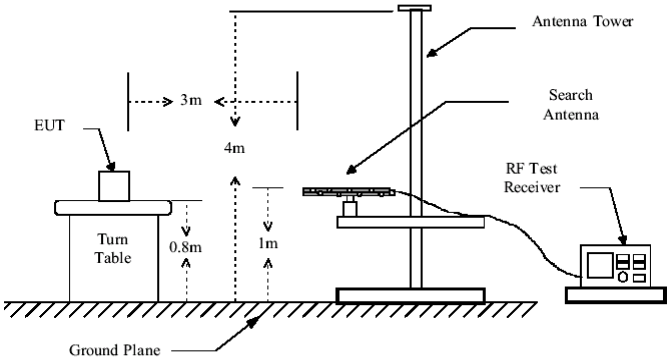
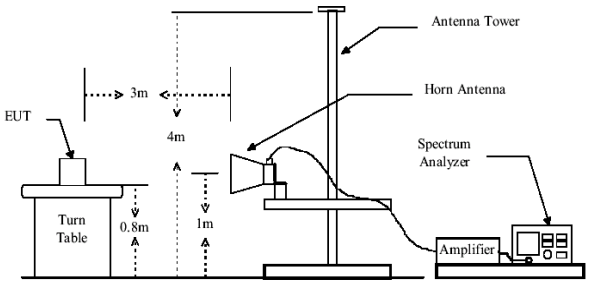
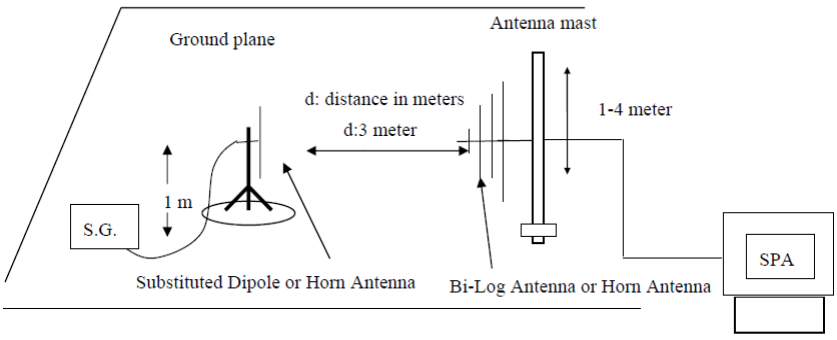
Middle channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
20MHz(RB size 1 & RB offset 0)								
2535.00	21100	QPSK	20.0	H	V	21.48	33.00	Pass
					H	18.37		
2535.00	21100	16QAM	20.0	H	V	21.43		
					H	18.32		
20MHz(RB size 50 & RB offset 0)								
2535.00	21100	QPSK	20.0	H	V	21.41	33.00	Pass
					H	18.33		
2535.00	21100	16QAM	20.0	H	V	21.35		
					H	18.28		
20MHz(RB size 100 & RB offset 0)								
2535.00	21100	QPSK	20.0	H	V	21.37	33.00	Pass
					H	18.26		
2535.00	21100	16QAM	20.0	H	V	21.33		
					H	18.21		

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)								
2560.00	21350	QPSK	20.0	H	V	18.99	33.00	Pass
					H	19.30		
2560.00	21350	16QAM	20.0	H	V	18.93		
					H	19.25		
20MHz(RB size 50 & RB offset 0)								
2560.00	21350	QPSK	20.0	H	V	18.94	33.00	Pass
					H	19.26		
2560.00	21350	16QAM	20.0	H	V	18.91		
					H	19.20		
20MHz(RB size 100 & RB offset 0)								
2560.00	21350	QPSK	20.0	H	V	18.89	33.00	Pass
					H	19.22		
2560.00	21350	16QAM	20.0	H	V	18.82		
					H	19.15		

6.11 Field strength of spurious radiation measurement

Test Requirement:	FCC Part 24.238 (a),FCC part 27.53(h) and FCC part 27.53(m)
Test Method:	FCC part 2.1053
Limit:	LTE Band 2: -13dBm, LTE Band 4: -13dBm and LTE Band 7: -25dBm
Test setup:	Below 1GHz  Above 1GHz  Substituted method: 
Test Procedure:	1. The EUT was placed on an non-conductive turntable using a non-conductive support. The radiated emission at the fundamental frequency was measured at 3 m with a test antenna and EMI spectrum analyzer. 2. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations. 3. The frequency range up to tenth harmonic was investigated for each of three fundamental frequency (low, middle and high channels). Once spurious emission was identified, the power of the emission was determined using the substitution method. 4. The spurious emissions attenuation was calculated as the difference

	between radiated power at the fundamental frequency and the spurious emissions frequency. ERP / EIRP = S.G. output (dBm) + Antenna Gain(dB/dBi) – Cable Loss (dB)
Test Instruments:	Refer to section 5.8 for details
Test mode:	Refer to section 5.3 for details.
Test results:	Passed

Measurement Data (worst case)

Below 1GHz:

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

Above 1GHz

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

LTE band 2 part:

1.4MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3701.40	Vertical	-48.03	-13.00	Pass
5552.10	V	-40.79		
3701.40	Horizontal	-48.10		
5552.10	H	-35.59		
Middle				
3760.00	Vertical	-44.97	-13.00	Pass
5640.00	V	-44.03		
3760.00	Horizontal	-44.68		
5640.00	H	-40.86		
Highest				
3818.60	Vertical	-43.01	-13.00	Pass
5727.90	V	-43.74		
3818.60	Horizontal	-46.94		
5727.90	H	-39.45		

3MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3703.00	Vertical	-48.44	-13.00	Pass
5554.50	V	-41.52		
3703.00	Horizontal	-49.36		
5554.50	H	-37.70		
Middle				
3760.00	Vertical	-45.76	-13.00	Pass
5640.00	V	-45.14		
3760.00	Horizontal	-43.64		
5640.00	H	-42.90		
Highest				
3817.00	Vertical	-44.86	-13.00	Pass
5725.50	V	-42.34		
3817.00	Horizontal	-47.24		
5725.50	H	-39.08		

5MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3705.00	Vertical	-48.72	-13.00	Pass
5557.50	V	-40.42		
3705.00	Horizontal	-49.11		
5557.50	H	-42.34		
Middle				
3760.00	Vertical	-46.88	-13.00	Pass
5640.00	V	-43.28		
3760.00	Horizontal	-46.15		
5640.00	H	-41.45		
Highest				
3815.00	Vertical	-44.98	-13.00	Pass
5722.50	V	-44.88		
3815.00	Horizontal	-44.87		
5722.50	H	-41.92		

10MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3710.00	Vertical	-48.11	-13.00	Pass
5565.00	V	-44.00		
3710.00	Horizontal	-49.61		
5565.00	H	-43.18		
Middle				
3760.00	Vertical	-47.60	-13.00	Pass
5640.00	V	-45.04		
3760.00	Horizontal	-48.22		
5640.00	H	-43.14		
Highest				
3810.00	Vertical	-44.56	-13.00	Pass
5715.00	V	-44.49		
3810.00	Horizontal	-43.99		
5715.00	H	-42.32		

15MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3715.00	Vertical	-49.66	-13.00	Pass
5572.50	V	-43.45		
3715.00	Horizontal	-52.49		
5572.50	H	-44.30		
Middle				
3760.00	Vertical	-46.88	-13.00	Pass
5640.00	V	-45.10		
3760.00	Horizontal	-45.78		
5640.00	H	-42.38		
Highest				
3805.00	Vertical	-45.63	-13.00	Pass
5707.50	V	-45.57		
3805.00	Horizontal	-48.50		
5707.50	H	-42.94		

20MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3720.00	Vertical	-50.01	-13.00	Pass
5580.00	V	-44.65		
3720.00	Horizontal	-50.91		
5580.00	H	-43.86		
Middle				
3760.00	Vertical	-46.34	-13.00	Pass
5640.00	V	-44.69		
3760.00	Horizontal	-48.58		
5640.00	H	-42.48		
Highest				
3800.00	Vertical	-46.56	-13.00	Pass
5700.00	V	-44.60		
3800.00	Horizontal	-49.31		
5700.00	H	-44.91		

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	-46.43	-13.00	Pass
5132.10	V	-45.21		
3421.40	Horizontal	-49.10		
5132.10	H	-44.29		
Middle				
3465.00	Vertical	-46.13	-13.00	Pass
5197.50	V	-41.24		
3465.00	Horizontal	-48.59		
5197.50	H	-45.50		
Highest				
3508.60	Vertical	-50.25	-13.00	Pass
5262.90	V	-44.41		
3508.60	Horizontal	-51.72		
5262.90	H	-45.31		

3MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3423.00	Vertical	-48.05	-13.00	Pass
5134.50	V	-44.63		
3423.00	Horizontal	-47.50		
5134.50	H	-45.82		
Middle				
3465.00	Vertical	-47.83	-13.00	Pass
5197.50	V	-45.59		
3465.00	Horizontal	-49.75		
5197.50	H	-44.65		
Highest				
3507.00	Vertical	-51.40	-13.00	Pass
5260.50	V	-44.76		
3507.00	Horizontal	-48.81		
5260.50	H	-44.60		

5MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3425.00	Vertical	-47.91	-13.00	Pass
5137.50	V	-46.21		
3425.00	Horizontal	-50.12		
5137.50	H	-46.53		
Middle				
3465.00	Vertical	-49.39	-13.00	Pass
5197.50	V	-44.97		
3465.00	Horizontal	-49.50		
5197.50	H	-46.08		
Highest				
3505.00	Vertical	-50.93	-13.00	Pass
5257.50	V	-43.98		
3505.00	Horizontal	-51.30		
5257.50	H	-44.49		

10MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3430.00	Vertical	-51.54	-13.00	Pass
5145.00	V	-45.85		
3430.00	Horizontal	-50.46		
5145.00	H	-46.64		
Middle				
3465.00	Vertical	-50.51	-13.00	Pass
5197.50	V	-45.26		
3465.00	Horizontal	-50.81		
5197.50	H	-45.26		
Highest				
3500.00	Vertical	-51.59	-13.00	Pass
5250.00	V	-44.99		
3500.00	Horizontal	-49.89		
5250.00	H	-44.63		

15MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3435.00	Vertical	-47.67	-13.00	Pass
5152.50	V	-46.27		
3435.00	Horizontal	-50.54		
5152.50	H	-46.53		
Middle				
3465.00	Vertical	-51.15	-13.00	Pass
5197.50	V	-44.93		
3465.00	Horizontal	-50.80		
5197.50	H	-45.29		
Highest				
3495.00	Vertical	-51.28	-13.00	Pass
5242.50	V	-44.91		
3495.00	Horizontal	-50.64		
5242.50	H	-44.98		

20MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3440.00	Vertical	-48.00	-13.00	Pass
5160.00	V	-46.88		
3440.00	Horizontal	-49.85		
5160.00	H	-45.67		
Middle				
3465.00	Vertical	-46.34	-13.00	Pass
5197.50	V	-45.82		
3465.00	Horizontal	-50.52		
5197.50	H	-45.01		
Highest				
3490.00	Vertical	-46.15	-13.00	Pass
5235.00	V	-44.70		
3490.00	Horizontal	-51.02		
5235.00	H	-45.14		

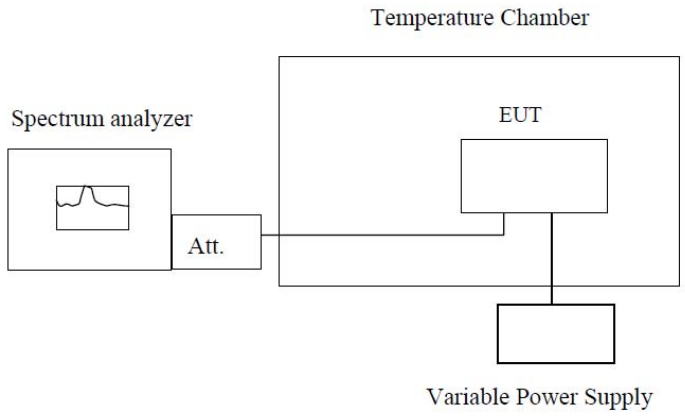
LTE Band 7 Part:

5MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
5005.00	Vertical	-29.46	-25.00	Pass
5005.00	Horizontal	-29.96		
Middle				
5070.00	Vertical	-39.00	-25.00	Pass
5070.00	Horizontal	-36.54		
Highest				
5135.00	Vertical	-38.65	-25.00	Pass
5135.00	Horizontal	-38.64		
10MHz(RB size 1 & RB offset 24) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
5010.00	Vertical	-31.91	-25.00	Pass
5010.00	Horizontal	-33.69		
Middle				
5070.00	Vertical	-41.60	-25.00	Pass
5070.00	Horizontal	-41.42		
Highest				
5130.00	Vertical	-40.47	-25.00	Pass
5130.00	Horizontal	-37.78		

15MHz(RB size 1 & RB offset 37) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
5015.00	Vertical	-32.40	-25.00	Pass
5015.00	Horizontal	-25.24		
Middle				
5070.00	Vertical	-44.97	-25.00	Pass
5070.00	Horizontal	-39.49		
Highest				
5125.00	Vertical	-41.83	-25.00	Pass
5125.00	Horizontal	-37.00		

20MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
5020.00	Vertical	-29.23	-25.00	Pass
5020.00	Horizontal	-21.17		
Middle				
5070.00	Vertical	-40.96	-25.00	Pass
5070.00	Horizontal	-35.70		
Highest				
5120.00	Vertical	-40.54	-25.00	Pass
5120.00	Horizontal	-33.99		

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		
3.70	-30	102	0.054255	±2.5	Pass
	-20	123	0.065426		
	-10	124	0.065957		
	0	158	0.084043		
	10	82	0.043617		
	20	127	0.067553		
	30	120	0.063830		
	40	149	0.079255		
	50	85	0.045213		
Reference Frequency: LTE Band 2(3MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	124	0.065957	±2.5	Pass
	-20	162	0.086170		
	-10	141	0.075000		
	0	107	0.056915		
	10	110	0.058511		
	20	103	0.054787		
	30	132	0.070213		
	40	125	0.066489		
	50	152	0.080851		
Reference Frequency: LTE Band 2(5MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	112	0.059574	±2.5	Pass
	-20	101	0.053723		
	-10	70	0.037234		
	0	57	0.030319		
	10	64	0.034043		
	20	78	0.041489		
	30	55	0.029255		
	40	90	0.047872		
	50	103	0.054787		

Reference Frequency: LTE Band 2(10MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	80	0.042553	±2.5	Pass
	-20	101	0.053723		
	-10	65	0.034574		
	0	95	0.050532		
	10	126	0.067021		
	20	100	0.053191		
	30	87	0.046277		
	40	138	0.073404		
	50	82	0.043617		

Reference Frequency: LTE Band 2(15MHz) Middle channel=18900 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	92	0.048936	±2.5	Pass
	-20	81	0.043085		
	-10	76	0.040426		
	0	105	0.055851		
	10	59	0.031383		
	20	125	0.066489		
	30	91	0.048404		
	40	108	0.057447		
	50	93	0.049468		

Reference Frequency: LTE Band 2(20MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	135	0.071809	±2.5	Pass
	-20	141	0.075000		
	-10	114	0.060638		
	0	91	0.048404		
	10	46	0.024468		
	20	93	0.049468		
	30	73	0.038830		
	40	109	0.057979		
	50	107	0.056915		

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		
3.70	-30	112	0.059574	±2.5	Pass
	-20	106	0.056383		
	-10	120	0.063830		
	0	142	0.075532		
	10	97	0.051596		
	20	137	0.072872		
	30	123	0.065426		
	40	126	0.067021		
	50	103	0.054787		

Reference Frequency: LTE Band 2(3MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	113	0.060106	±2.5	Pass
	-20	135	0.071809		
	-10	124	0.065957		
	0	98	0.052128		
	10	104	0.055319		
	20	122	0.064894		
	30	141	0.075000		
	40	101	0.053723		
	50	128	0.068085		

Reference Frequency: LTE Band 2(5MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	132	0.070213	±2.5	Pass
	-20	81	0.043085		
	-10	98	0.052128		
	0	102	0.054255		
	10	110	0.058511		
	20	114	0.060638		
	30	120	0.063830		
	40	134	0.071277		
	50	115	0.061170		

Reference Frequency: LTE Band 2(10MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	90	0.047872	±2.5	Pass
	-20	122	0.064894		
	-10	71	0.037766		
	0	95	0.050532		
	10	116	0.061702		
	20	100	0.053191		
	30	97	0.051596		
	40	123	0.065426		
	50	96	0.051064		

Reference Frequency: LTE Band 2(15MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	103	0.054787	±2.5	Pass
	-20	97	0.051596		
	-10	83	0.044149		
	0	124	0.065957		
	10	131	0.069681		
	20	107	0.056915		
	30	89	0.047340		
	40	125	0.066489		
	50	88	0.046809		

Reference Frequency: LTE Band 2(20MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	121	0.064362	±2.5	Pass
	-20	157	0.083511		
	-10	124	0.065957		
	0	108	0.057447		
	10	79	0.042021		
	20	88	0.046809		
	30	95	0.050532		
	40	115	0.061170		
	50	90	0.047872		

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		
3.70	-30	101	0.058297	±2.5	Pass
	-20	125	0.072150		
	-10	124	0.071573		
	0	158	0.091198		
	10	83	0.047908		
	20	129	0.074459		
	30	122	0.070418		
	40	143	0.082540		
	50	80	0.046176		

Reference Frequency: LTE Band 4(3MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	122	0.070418	±2.5	Pass
	-20	165	0.095238		
	-10	149	0.086003		
	0	103	0.059452		
	10	117	0.067532		
	20	102	0.058874		
	30	132	0.076190		
	40	124	0.071573		
	50	152	0.087734		

Reference Frequency: LTE Band 4(5MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	118	0.068110	±2.5	Pass
	-20	103	0.059452		
	-10	72	0.041558		
	0	51	0.029437		
	10	68	0.039250		
	20	77	0.044444		
	30	55	0.031746		
	40	94	0.054257		
	50	100	0.057720		

Reference Frequency: LTE Band 4(10MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	82	0.047330	±2.5	Pass
	-20	101	0.058297		
	-10	64	0.036941		
	0	93	0.053680		
	10	120	0.069264		
	20	108	0.062338		
	30	82	0.047330		
	40	131	0.075613		
	50	89	0.051371		

Reference Frequency: LTE Band 4(15MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	91	0.052525	±2.5	Pass
	-20	85	0.049062		
	-10	72	0.041558		
	0	104	0.060029		
	10	50	0.028860		
	20	128	0.073882		
	30	92	0.053102		
	40	103	0.059452		
	50	91	0.052525		

Reference Frequency: LTE Band 4(20MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	132	0.076190	±2.5	Pass
	-20	140	0.080808		
	-10	111	0.064069		
	0	98	0.056566		
	10	42	0.024242		
	20	91	0.052525		
	30	74	0.042713		
	40	102	0.058874		
	50	102	0.058874		

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		
3.70	-30	115	0.066378	±2.5	Pass
	-20	102	0.058874		
	-10	124	0.071573		
	0	147	0.084848		
	10	92	0.053102		
	20	135	0.077922		
	30	123	0.070996		
	40	121	0.069841		
	50	105	0.060606		

Reference Frequency: LTE Band 4(3MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	112	0.064646	±2.5	Pass
	-20	132	0.076190		
	-10	121	0.069841		
	0	94	0.054257		
	10	106	0.061183		
	20	125	0.072150		
	30	143	0.082540		
	40	108	0.062338		
	50	127	0.073304		

Reference Frequency: LTE Band 4(5MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	132	0.076190	±2.5	Pass
	-20	85	0.049062		
	-10	94	0.054257		
	0	102	0.058874		
	10	113	0.065224		
	20	115	0.066378		
	30	122	0.070418		
	40	131	0.075613		
	50	115	0.066378		

Reference Frequency: LTE Band 4(10MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	90	0.051948	±2.5	Pass
	-20	125	0.072150		
	-10	74	0.042713		
	0	95	0.054834		
	10	112	0.064646		
	20	107	0.061760		
	30	95	0.054834		
	40	126	0.072727		
	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		
3.70	-30	104	0.060029	±2.5	Pass
	-20	95	0.054834		
	-10	88	0.050794		
	0	125	0.072150		
	10	130	0.075036		
	20	101	0.058297		
	30	84	0.048485		
	40	125	0.072150		
	50	83	0.047908		

Reference Frequency: LTE Band 4(20MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	121	0.069841	±2.5	Pass
	-20	155	0.089466		
	-10	123	0.070996		
	0	104	0.060029		
	10	76	0.043867		
	20	82	0.047330		
	30	91	0.052525		
	40	110	0.063492		
	50	92	0.053102		

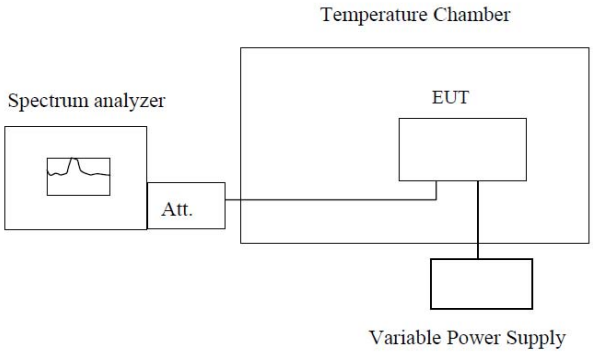
LTE Band 7(QPSK):

Reference Frequency: LTE Band 7(5MHz) Middle channel=21100 channel=2535.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	140	0.055227	±2.5	Pass
	-20	121	0.047732		
	-10	95	0.037475		
	0	73	0.028797		
	10	92	0.036292		
	20	88	0.034714		
	30	69	0.027219		
	40	84	0.033136		
	50	113	0.044576		
Reference Frequency: LTE Band 7(10MHz) Middle channel=21100 channel=2535.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	92	0.036292	±2.5	Pass
	-20	157	0.061933		
	-10	129	0.050888		
	0	135	0.053254		
	10	94	0.037081		
	20	86	0.033925		
	30	92	0.036292		
	40	100	0.039448		
	50	91	0.035897		
Reference Frequency: LTE Band 7(15MHz) Middle channel=21100 channel=2535.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	121	0.047732	±2.5	Pass
	-20	140	0.055227		
	-10	97	0.038264		
	0	103	0.040631		
	10	86	0.033925		
	20	104	0.041026		
	30	86	0.033925		
	40	115	0.045365		
	50	97	0.038264		
Reference Frequency: LTE Band 7(20MHz) Middle channel=21100 channel=2535.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	143	0.056410	±2.5	Pass
	-20	122	0.048126		
	-10	91	0.035897		
	0	90	0.035503		
	10	75	0.029586		
	20	80	0.031558		
	30	123	0.048521		
	40	121	0.047732		
	50	92	0.036292		

LTE Band 7(16QAM):

Reference Frequency: LTE Band 7(5MHz) Middle channel=21100 channel=2535.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	140	0.055227	±2.5	Pass
	-20	91	0.035897		
	-10	85	0.033531		
	0	63	0.024852		
	10	70	0.027613		
	20	82	0.032347		
	30	103	0.040631		
	40	137	0.054043		
	50	82	0.032347		
Reference Frequency: LTE Band 7(10MHz) Middle channel=21100 channel=2535.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	113	0.044576	±2.5	Pass
	-20	92	0.036292		
	-10	81	0.031953		
	0	78	0.030769		
	10	154	0.060750		
	20	103	0.040631		
	30	99	0.039053		
	40	130	0.051282		
	50	91	0.035897		
Reference Frequency: LTE Band 7(15MHz) Middle channel=21100 channel=2535.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	102	0.040237	2.5	Pass
	-20	92	0.036292		
	-10	83	0.032742		
	0	127	0.050099		
	10	131	0.051677		
	20	96	0.037870		
	30	70	0.027613		
	40	92	0.036292		
	50	74	0.029191		
Reference Frequency: LTE Band 7(20MHz) Middle channel=21100 channel=2535.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.70	-30	157	0.061933	2.5	Pass
	-20	93	0.036686		
	-10	121	0.047732		
	0	62	0.024458		
	10	75	0.029586		
	20	33	0.013018		
	30	94	0.037081		
	40	78	0.030769		
	50	106	0.041815		

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	110	0.058511	±2.5	Pass
	3.70	85	0.045213		
	3.40	56	0.029787		
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
	3.70	95	0.050532		
	3.40	82	0.043617		
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	68	0.036170	±2.5	Pass
	3.70	59	0.031383		
	3.40	101	0.053723		
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	94	0.050000	±2.5	Pass
	3.70	87	0.046277		
	3.40	69	0.036702		
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	64	0.034043	±2.5	Pass
	3.70	76	0.040426		
	3.40	97	0.051596		
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	69	0.036702	±2.5	Pass
	3.70	87	0.046277		
	3.40	71	0.037766		

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	108	0.057447	±2.5	Pass
	3.70	76	0.040426		
	3.40	98	0.052128		
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	83	0.044149	±2.5	Pass
	3.70	102	0.054255		
	3.40	73	0.038830		
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	86	0.045745	±2.5	Pass
	3.70	79	0.042021		
	3.40	80	0.042553		
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	93	0.049468	±2.5	Pass
	3.70	90	0.047872		
	3.40	89	0.047340		
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	58	0.030851	±2.5	Pass
	3.70	77	0.040957		
	3.40	85	0.045213		
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	89	0.047340	±2.5	Pass
	3.70	104	0.055319		
	3.40	111	0.059043		

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	112	0.064646	±2.5	Pass
	3.70	81	0.046753		
	3.40	53	0.030592		
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	72	0.041558	±2.5	Pass
	3.70	93	0.053680		
	3.40	88	0.050794		
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	61	0.035209	±2.5	Pass
	3.70	53	0.030592		
	3.40	106	0.061183		
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	97	0.055988	±2.5	Pass
	3.70	83	0.047908		
	3.40	62	0.035786		
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	65	0.037518	±2.5	Pass
	3.70	71	0.040981		
	3.40	94	0.054257		
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	62	0.035786	±2.5	Pass
	3.70	81	0.046753		
	3.40	75	0.043290		

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	102	0.058874	±2.5	Pass
	3.70	71	0.040981		
	3.40	94	0.054257		
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	85	0.049062	±2.5	Pass
	3.70	107	0.061760		
	3.40	71	0.040981		
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	83	0.047908	±2.5	Pass
	3.70	72	0.041558		
	3.40	85	0.049062		
Reference Frequency: LTE Band 4(10MHz) Middle channel=20175 channel=1732.50MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	92	0.053102	±2.5	Pass
	3.70	95	0.054834		
	3.40	83	0.047908		
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	51	0.029437	±2.5	Pass
	3.70	74	0.042713		
	3.40	87	0.050216		
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
	3.70	108	0.062338		
	3.40	113	0.065224		

LTE Band 7(QPSK):

Reference Frequency: LTE Band 7(5MHz) Middle channel=21100 channel=2535.00MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	90	0.035503	±2.5	Pass
	3.70	84	0.033136		
	3.40	49	0.019329		
Reference Frequency: LTE Band 7(10MHz) Middle channel=21100 channel=2535.00MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	62	0.024458	±2.5	Pass
	3.70	81	0.031953		
	3.40	83	0.032742		
Reference Frequency: LTE Band 7(15MHz) Middle channel=21100 channel=2535.00MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	78	0.030769	±2.5	Pass
	3.70	62	0.024458		
	3.40	116	0.045759		
Reference Frequency: LTE Band 7(20MHz) Middle channel=21100 channel=2535.00MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	82	0.032347	±2.5	Pass
	3.70	97	0.038264		
	3.40	100	0.039448		

LTE Band 7(16QAM):

Reference Frequency: LTE Band 7(5MHz) Middle channel=21100 channel=2535.00MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	90	0.035503	±2.5	Pass
	3.70	81	0.031953		
	3.40	55	0.021696		
Reference Frequency: LTE Band 7(10MHz) Middle channel=21100 channel=2535.00MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	77	0.030375	±2.5	Pass
	3.70	94	0.037081		
	3.40	106	0.041815		
Reference Frequency: LTE Band 7(15MHz) Middle channel=21100 channel=2535.00MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	105	0.041420	±2.5	Pass
	3.70	89	0.035108		
	3.40	75	0.029586		
Reference Frequency: LTE Band 7(20MHz) Middle channel=21100 channel=2535.00MHz					
Temperature（℃）	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.25	94	0.037081	±2.5	Pass
	3.70	70	0.027613		
	3.40	85	0.033531		