



Appendix F. Spectrum Plots From RB Size

Operation Band	Bandwidth	Modulation	RB Size/Offset	OBW99%(MHZ)
Band 17	10MHz	QPSK	1RB / Offset 0	0.96
			1RB / Offset 49	1.00
			25RB / Offset 13	4.80
			50RB / Offset 0	9.08
		16QAM	1RB / Offset 0	0.96
			1RB / Offset 49	0.96
			25RB / Offset 13	4.80
			50RB / Offset 0	9.08
	5MHz	QPSK	1RB / Offset 0	0.48
			1RB / Offset 24	0.46
			12RB / Offset 6	2.26
			25RB / Offset 0	4.48
		16QAM	1RB / Offset 0	0.46
			1RB / Offset 24	0.44
			12RB / Offset 6	2.24
			25RB / Offset 0	4.48

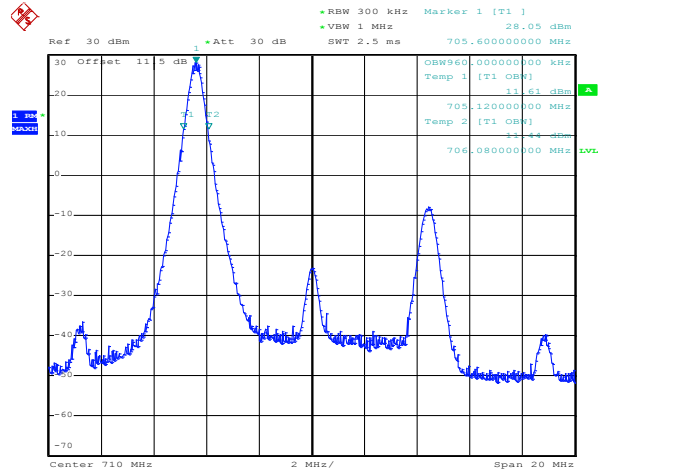


Operation Band	Bandwidth	Modulation	RB Size/Offset	OBW99%(MHZ)
Band 4	20MHz	QPSK	1RB / Offset 0	2.96
			1RB / Offset 99	2.96
			50RB / Offset 25	10.40
			100RB / Offset 0	18.72
		16QAM	1RB / Offset 0	2.96
			1RB / Offset 99	3.20
			50RB / Offset 25	10.24
			100RB / Offset 0	18.72
	15MHz	QPSK	1RB / Offset 0	1.08
			1RB / Offset 74	1.08
			36RB / Offset 18	6.78
			75RB / Offset 0	13.62
		16QAM	1RB / Offset 0	1.14
			1RB / Offset 74	1.08
			36RB / Offset 18	6.78
			75RB / Offset 0	13.56
	10MHz	QPSK	1RB / Offset 0	1.00
			1RB / Offset 49	0.96
			25RB / Offset 13	4.84
			50RB / Offset 0	9.12
		16QAM	1RB / Offset 0	0.96
			1RB / Offset 49	0.96
			25RB / Offset 13	4.88
			50RB / Offset 0	9.12
	5MHz	QPSK	1RB / Offset 0	0.48
			1RB / Offset 24	0.44
			12RB / Offset 6	2.28
			25RB / Offset 0	4.52
		16QAM	1RB / Offset 0	0.48
			1RB / Offset 24	0.48
			12RB / Offset 6	2.28
			25RB / Offset 0	4.52
3MHz	QPSK	1RB / Offset 0	0.41	
		1RB / Offset 14	0.41	
		8RB / Offset 4	1.57	
		15RB / Offset 0	2.74	
	16QAM	1RB / Offset 0	0.42	
		1RB / Offset 14	0.42	
		8RB / Offset 4	1.58	
		15RB / Offset 0	2.74	
1.4MHz	QPSK	1RB / Offset 0	0.27	
		1RB / Offset 5	0.27	
		3RB / Offset 2	0.64	
		6RB / Offset 0	1.10	
	16QAM	1RB / Offset 0	0.27	
		1RB / Offset 5	0.27	
		3RB / Offset 2	0.60	
		6RB / Offset 0	1.10	



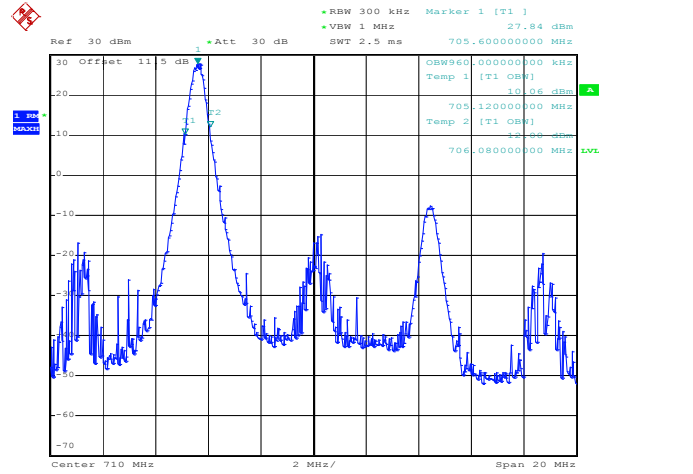
Band 17

Bandwidth 10M



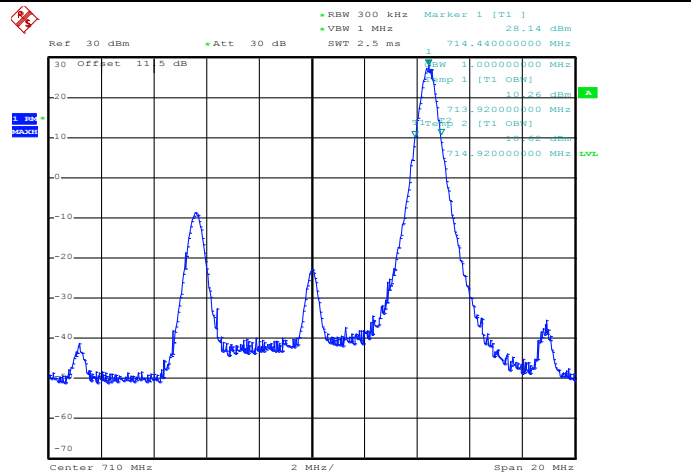
Date: 21.DEC.2011 08:10:33

1RB Size, RB Offset 0, QPSK



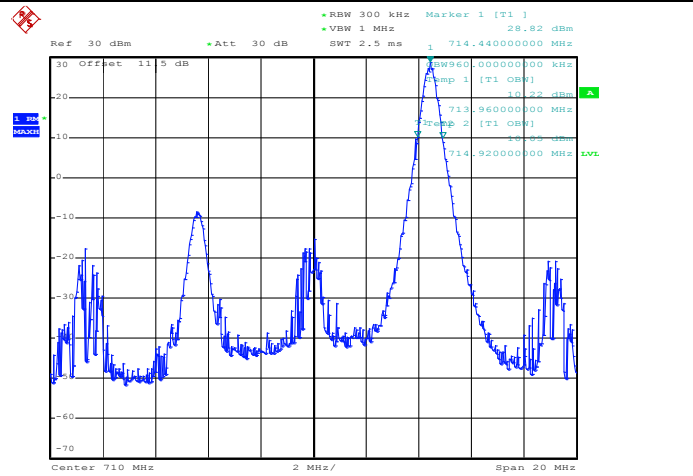
Date: 21.DEC.2011 08:10:55

1RB Size, RB Offset 0, 16QAM



Date: 21.DEC.2011 08:11:20

1RB Size, RB Offset 49, QPSK



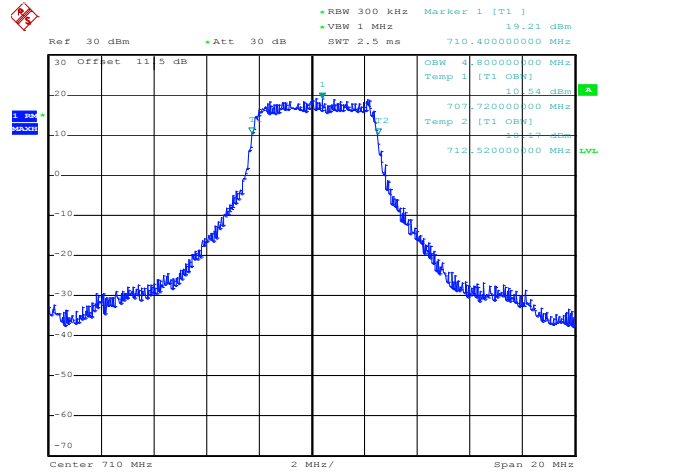
Date: 21.DEC.2011 08:11:38

1RB Size, RB Offset 49, 16QAM



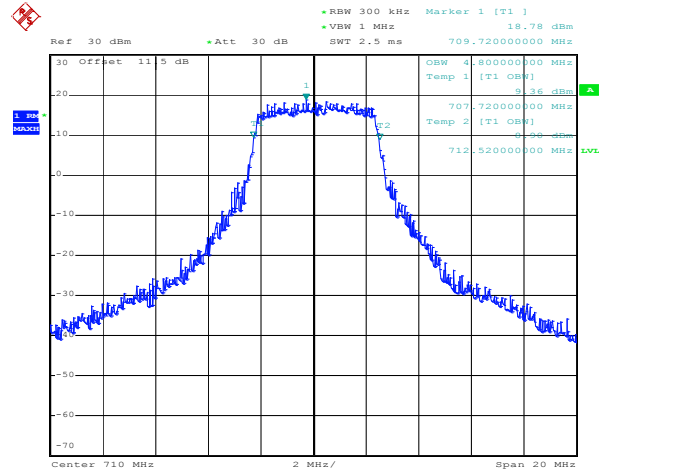
Band 17

Bandwidth 10M



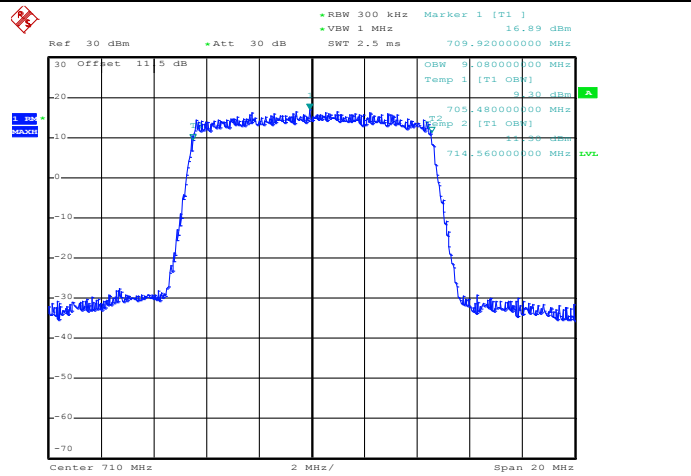
Date: 21.DEC.2011 08:12:06

25RB Size, RB Offset 13, QPSK



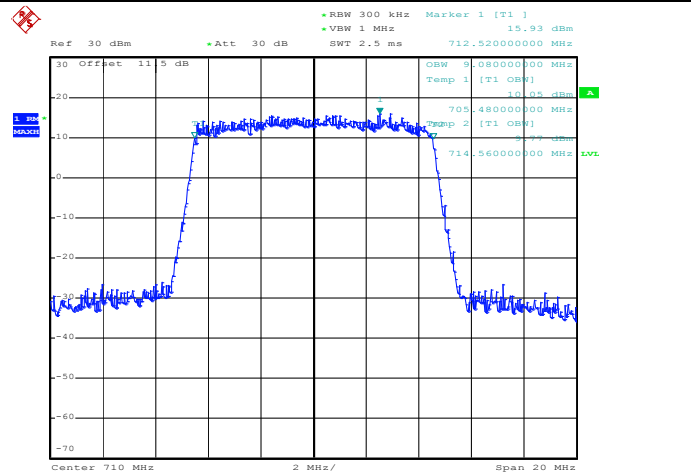
Date: 21.DEC.2011 08:12:22

25RB Size, RB Offset 13, 16QAM



Date: 21.DEC.2011 08:12:56

50RB Size, RB Offset 0, QPSK

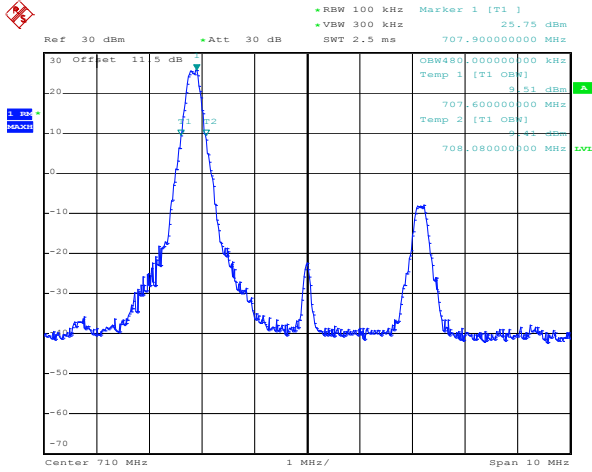


Date: 21.DEC.2011 08:13:14

50RB Size, RB Offset 0, 16QAM

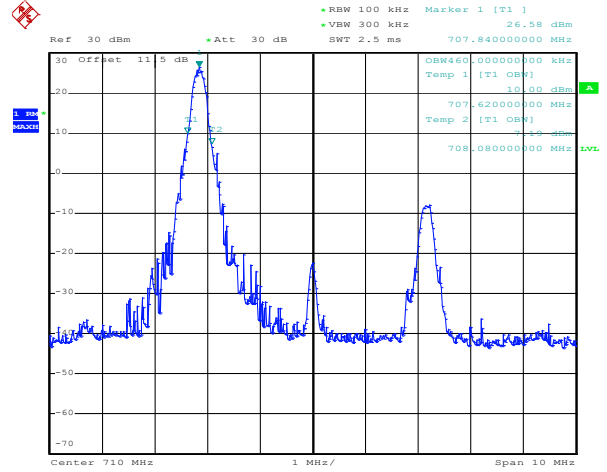


Band 17
Bandwidth 5M



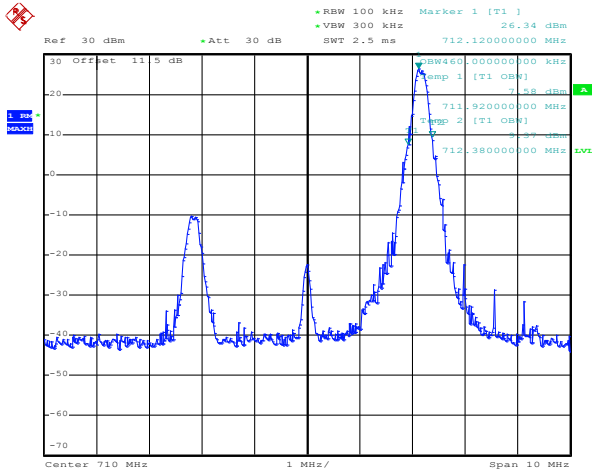
Date: 21.DEC.2011 08:30:21

1RB Size, RB Offset 0, QPSK



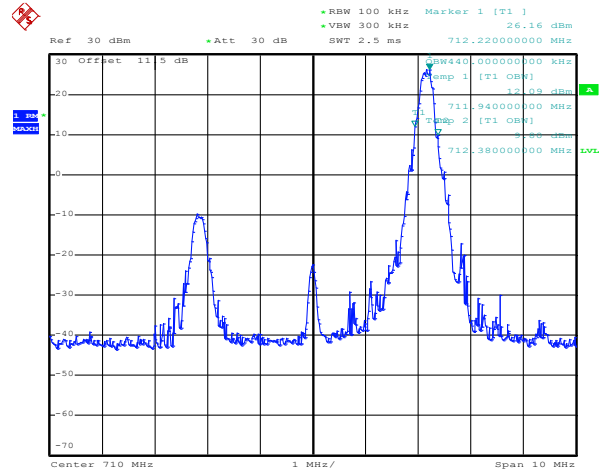
Date: 21.DEC.2011 08:30:38

1RB Size, RB Offset 0, 16QAM



Date: 21.DEC.2011 08:31:01

1RB Size, RB Offset 24, QPSK

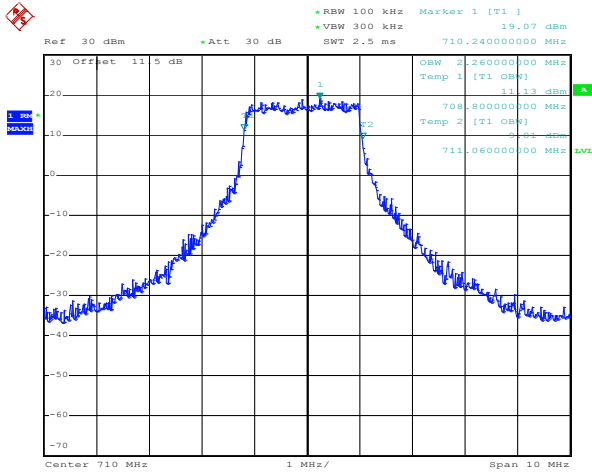


Date: 21.DEC.2011 08:31:16

1RB Size, RB Offset 24, 16QAM

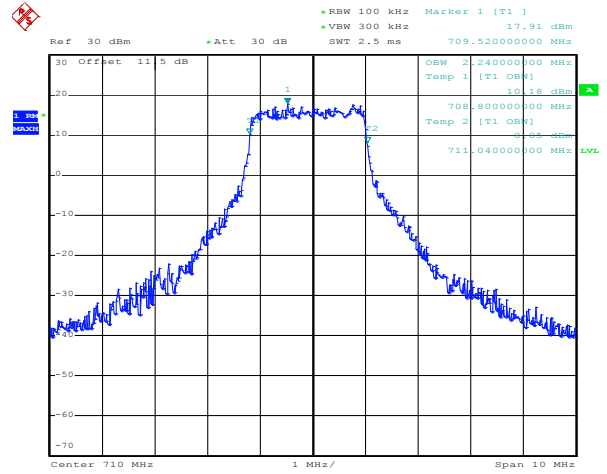


Band 17
Bandwidth 5M



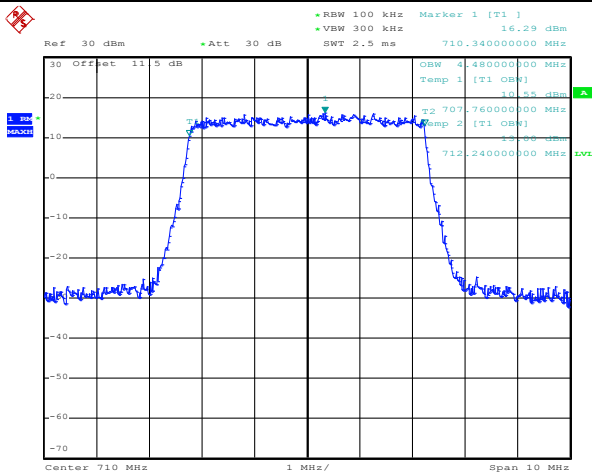
Date: 21.DEC.2011 08:31:51

12RB Size, RB Offset 6, QPSK



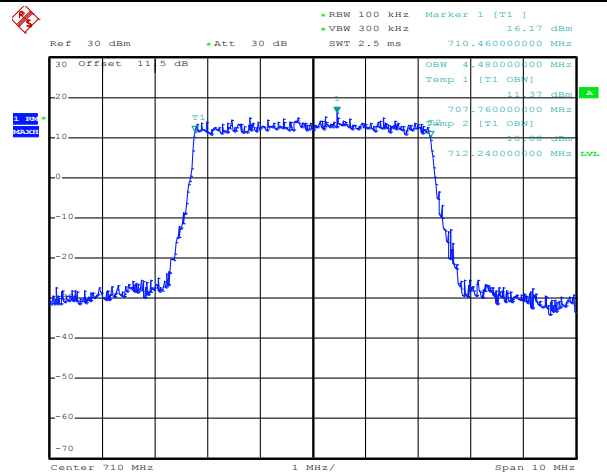
Date: 21.DEC.2011 08:32:07

12RB Size, RB Offset 6, 16QAM



Date: 21.DEC.2011 08:32:46

25RB Size, RB Offset 0, QPSK



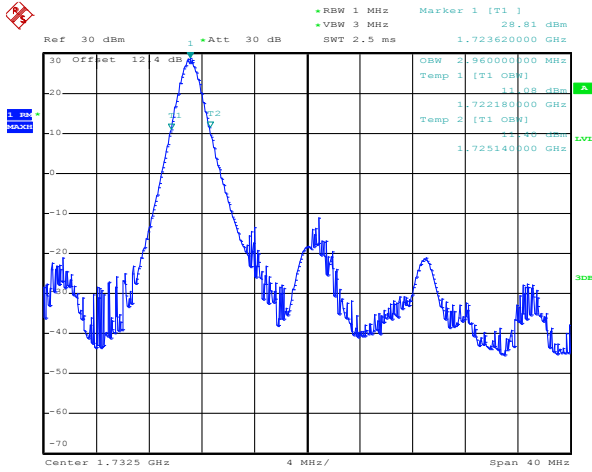
Date: 21.DEC.2011 08:33:00

25RB Size, RB Offset 0, 16QAM



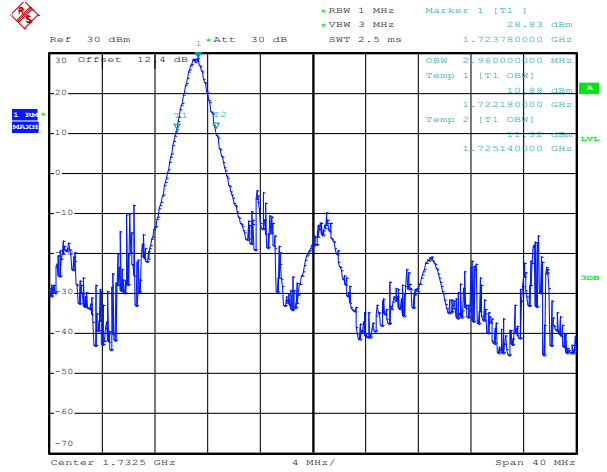
Band 4

Bandwidth 20M



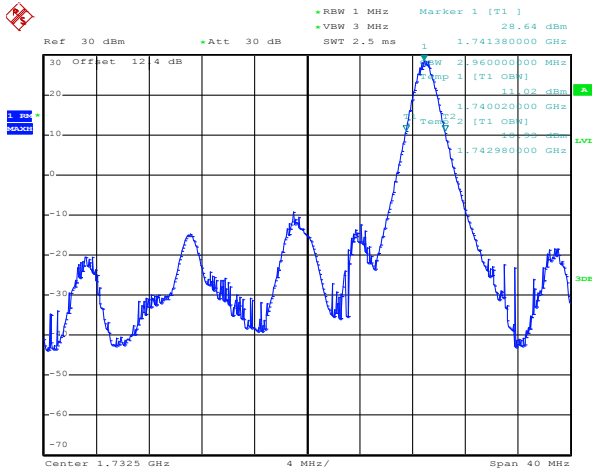
Date: 6.JAN.2012 14:24:12

1RB Size, RB Offset 0, QPSK



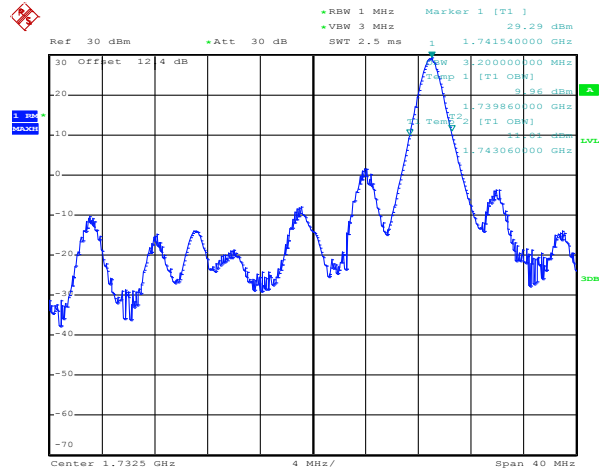
Date: 6.JAN.2012 14:24:30

1RB Size, RB Offset 0, 16QAM



Date: 6.JAN.2012 14:24:56

1RB Size, RB Offset 99, QPSK



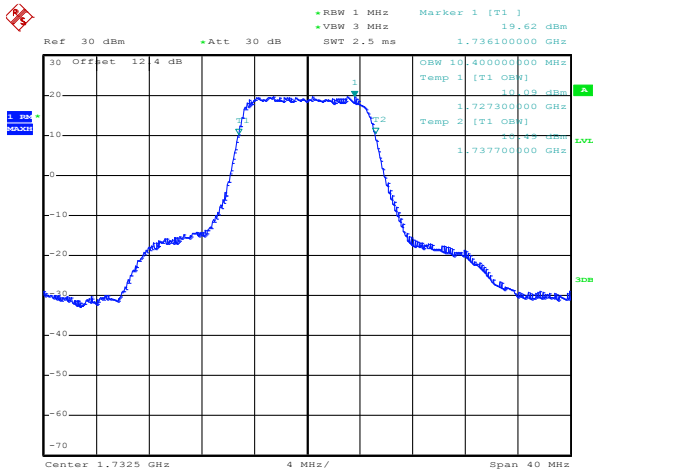
Date: 6.JAN.2012 14:27:32

1RB Size, RB Offset 99, 16QAM



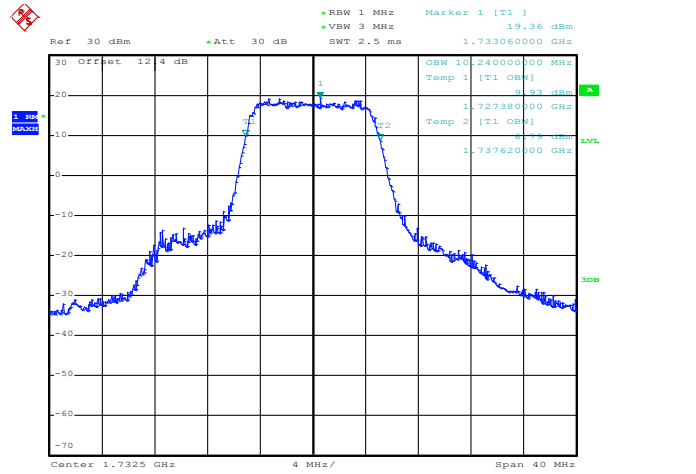
Band 4

Bandwidth 20M



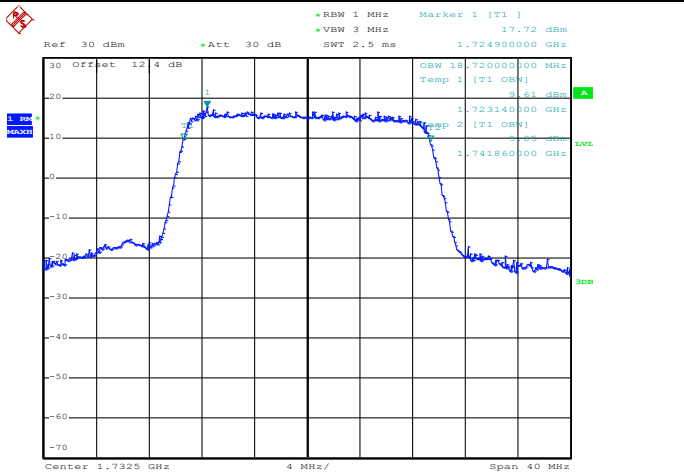
Date: 6.JAN.2012 14:38:58

50RB Size, RB Offset 25, QPSK



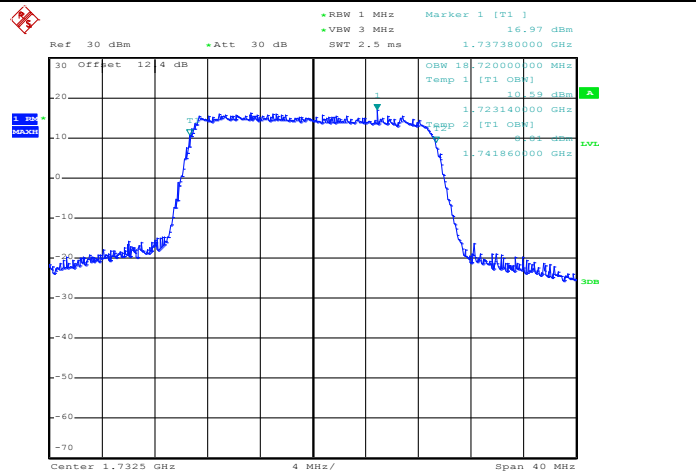
Date: 6.JAN.2012 14:39:30

50RB Size, RB Offset 25, 16QAM



Date: 6.JAN.2012 14:40:02

100RB Size, RB Offset 0, QPSK



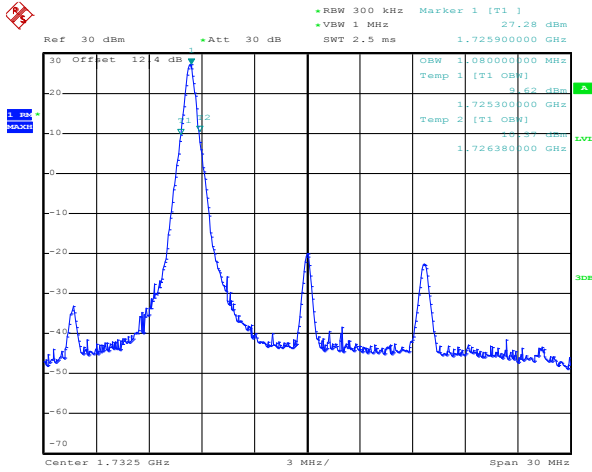
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100RB Size, RB Offset 0, 16QAM



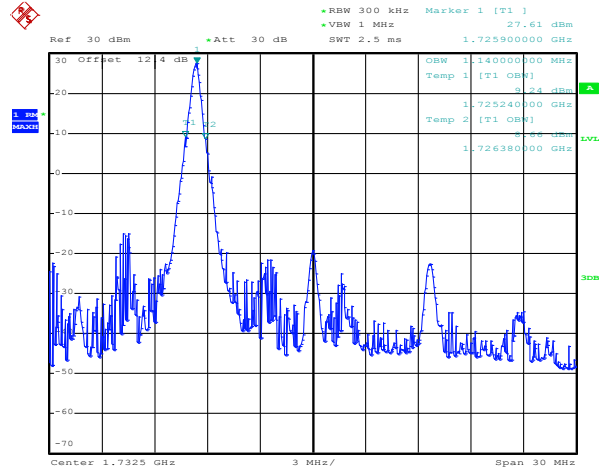
Band 4

Bandwidth 15M



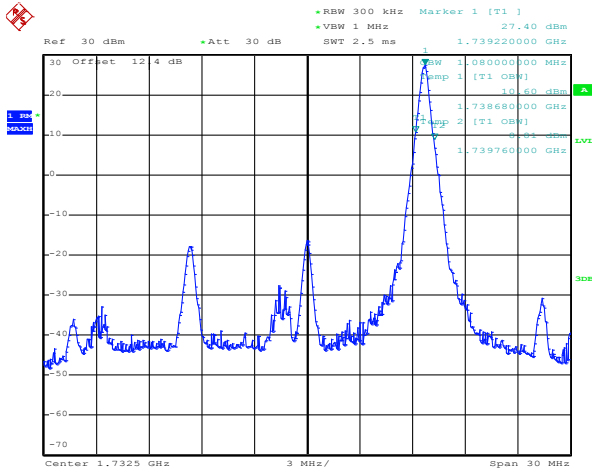
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1RB Size, RB Offset 0, QPSK



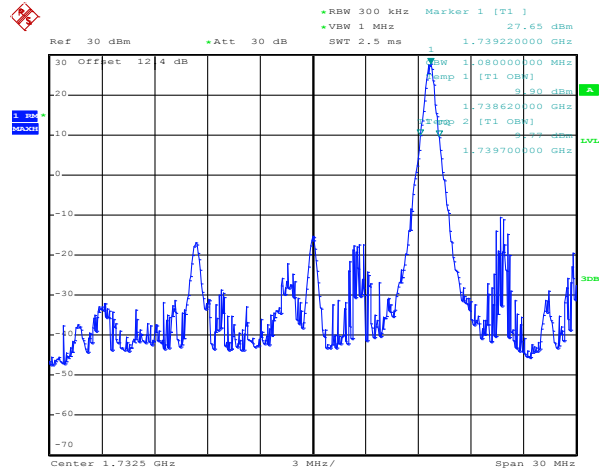
Date: 10.JAN.2012 11:54:03

1RB Size, RB Offset 0, 16QAM



Date: 10.JAN.2012 11:54:24

1RB Size, RB Offset 74, QPSK



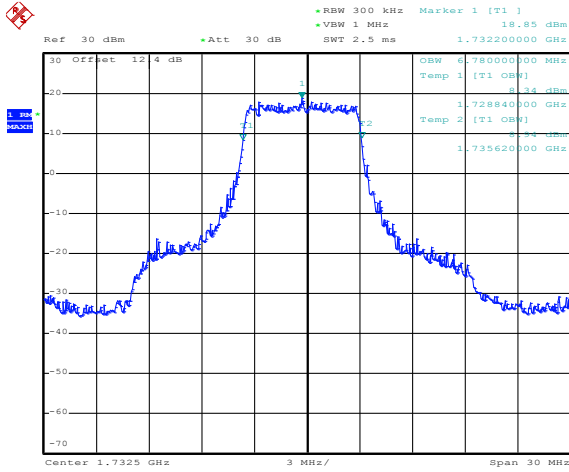
Date: 10.JAN.2012 11:54:43

1RB Size, RB Offset 74, 16QAM



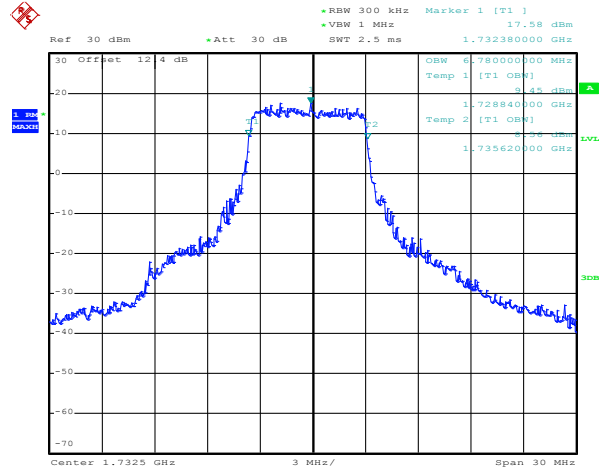
Band 4

Bandwidth 15M



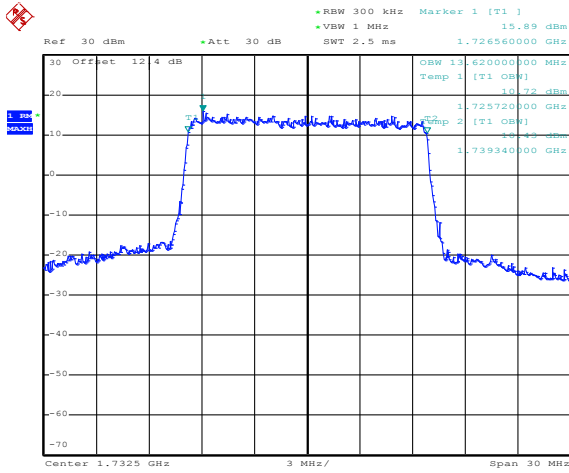
Date: 10.JAN.2012 11:55:10

36RB Size, RB Offset 18, QPSK



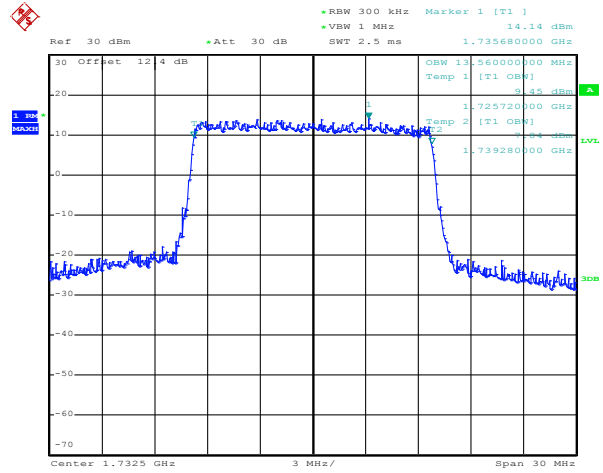
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36RB Size, RB Offset 18, 16QAM



Date: 10.JAN.2012 11:55:59

75RB Size, RB Offset 0, QPSK



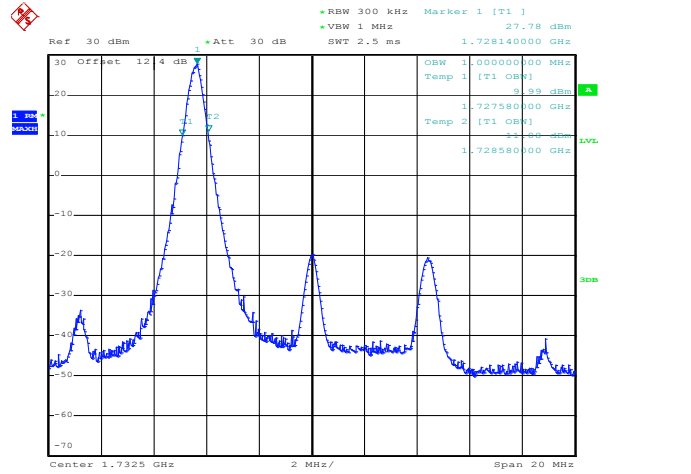
Date: 10.JAN.2012 11:56:16

75RB Size, RB Offset 0, 16QAM



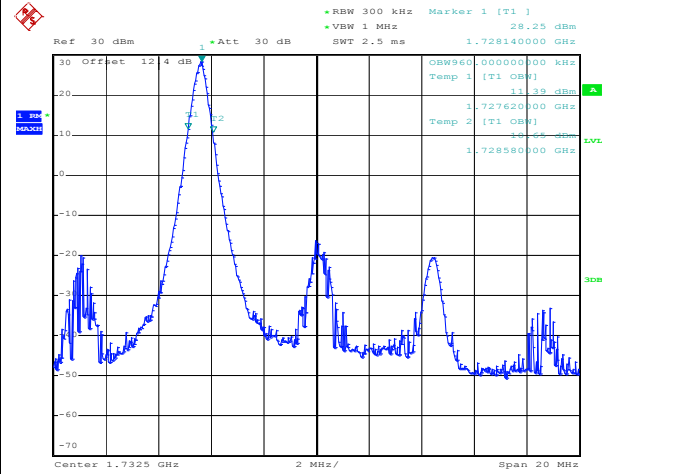
Band 4

Bandwidth 10M



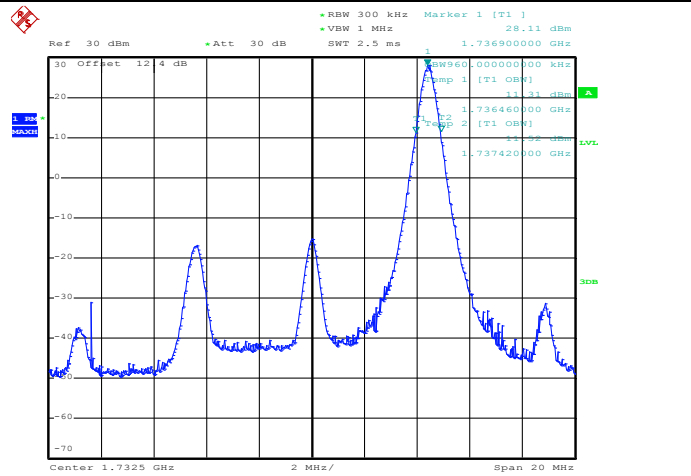
Date: 20.DEC.2011 14:19:30

1RB Size, RB Offset 0, QPSK



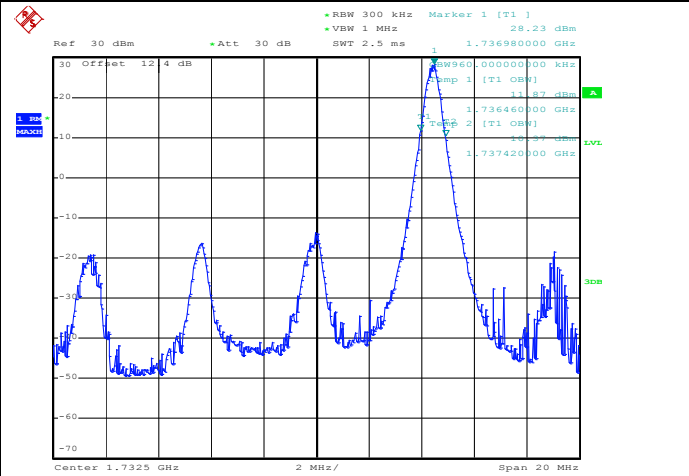
Date: 20.DEC.2011 14:18:59

1RB Size, RB Offset 0, 16QAM



Date: 20.DEC.2011 14:20:04

1RB Size, RB Offset 49, QPSK



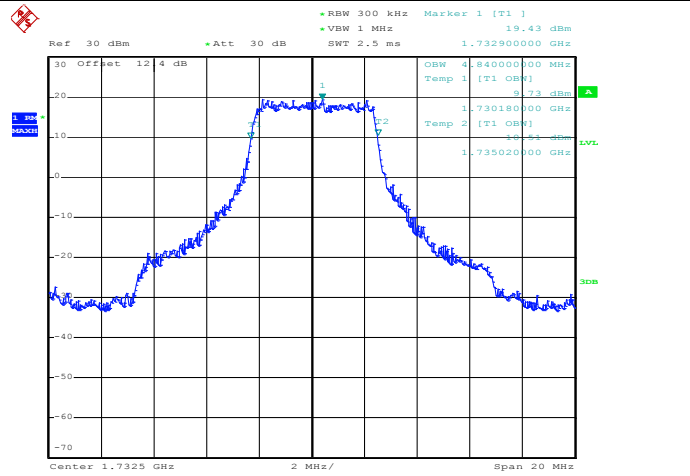
Date: 20.DEC.2011 14:20:27

1RB Size, RB Offset 49, 16QAM



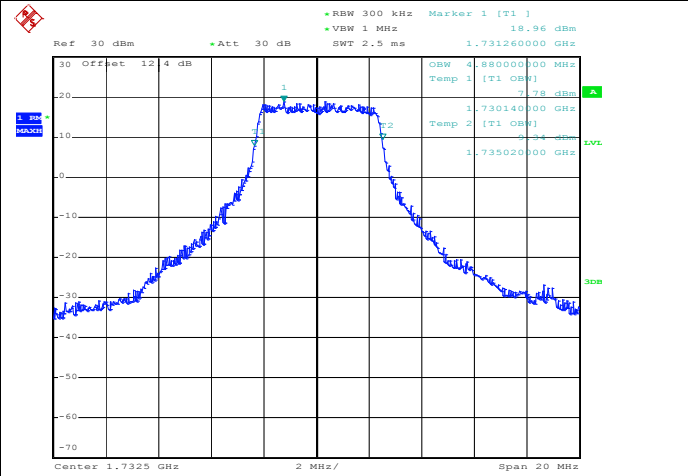
Band 4

Bandwidth 10M



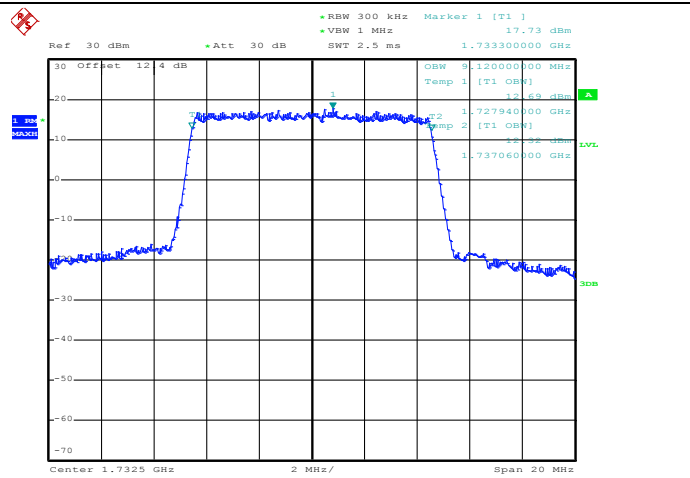
Date: 20.DEC.2011 14:21:54

25RB Size, RB Offset 13, QPSK



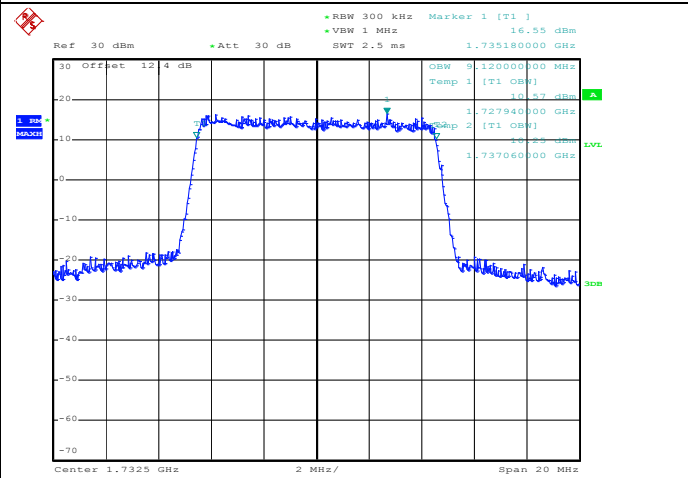
Date: 20.DEC.2011 14:21:21

25RB Size, RB Offset 13, 16QAM



Date: 20.DEC.2011 14:17:49

50RB Size, RB Offset 0, QPSK



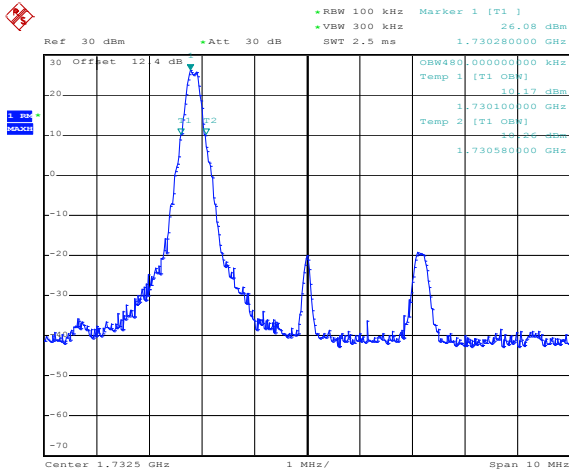
Date: 20.DEC.2011 14:18:19

50RB Size, RB Offset 0, 16QAM



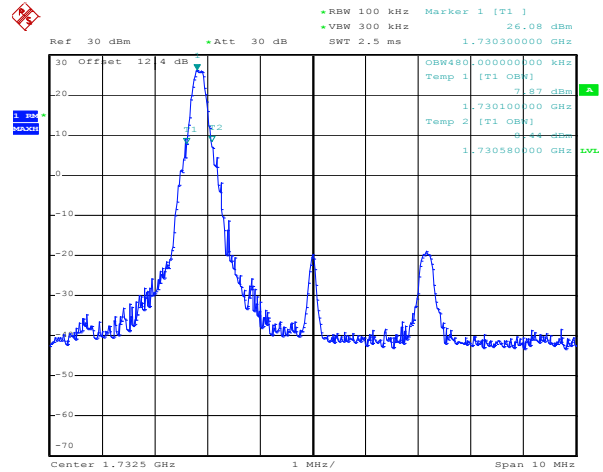
Band 4

Bandwidth 5M



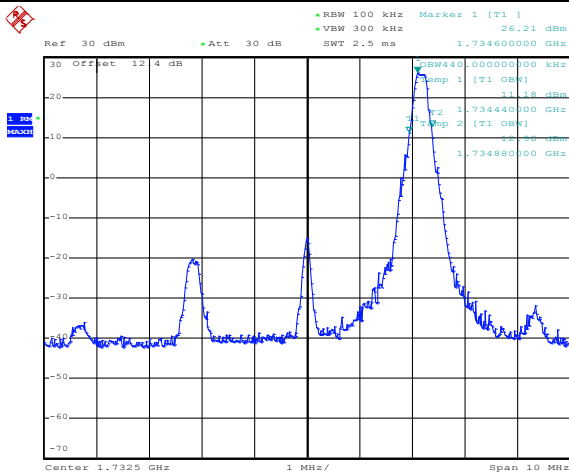
Date: 21.DEC.2011 01:28:18

1RB Size, RB Offset 0, QPSK



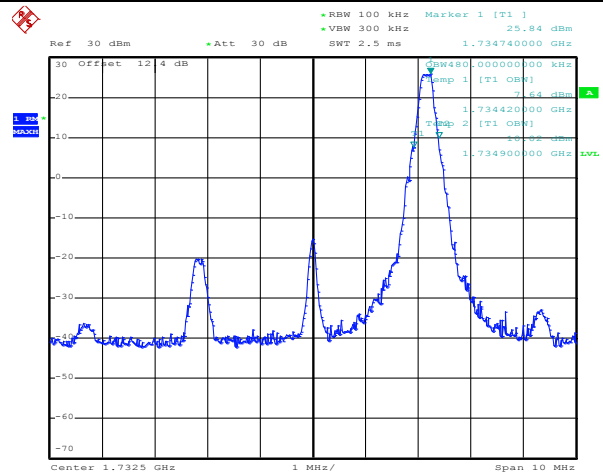
Date: 21.DEC.2011 01:27:56

1RB Size, RB Offset 0, 16QAM



Date: 21.DEC.2011 01:30:14

1RB Size, RB Offset 24, QPSK



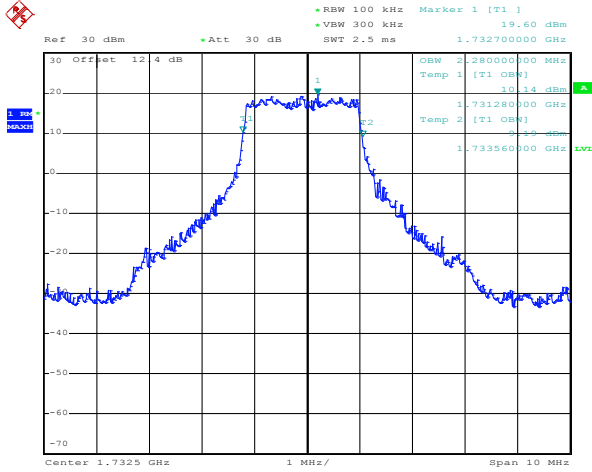
Date: 21.DEC.2011 01:29:07

1RB Size, RB Offset 24, 16QAM



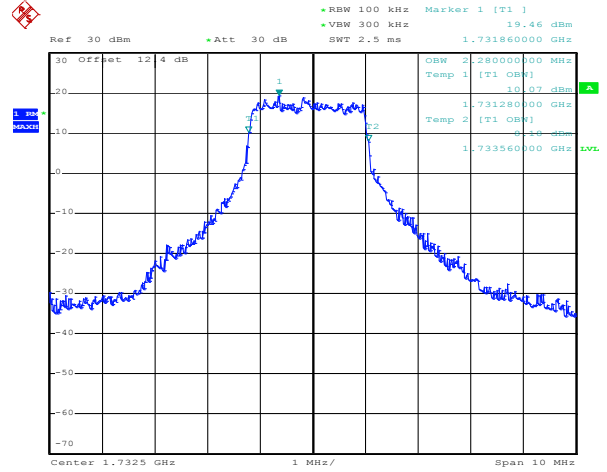
Band 4

Bandwidth 5M



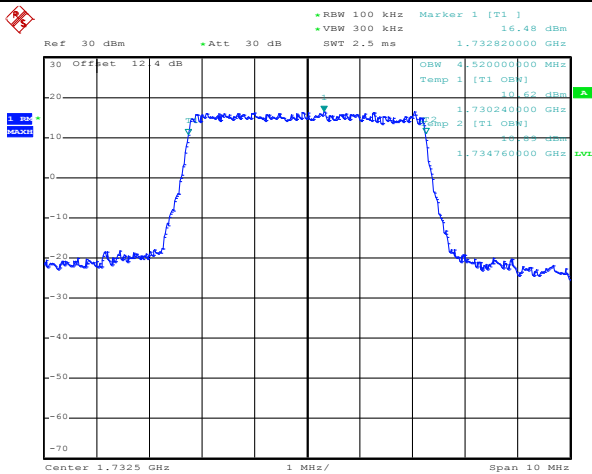
Date: 21.DEC.2011 01:30:54

12RB Size, RB Offset 6, QPSK



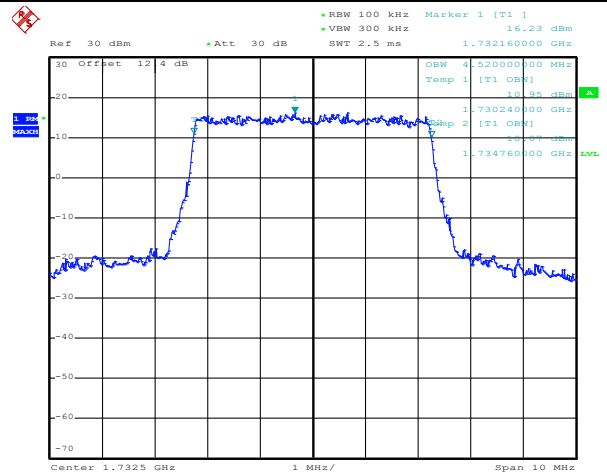
Date: 21.DEC.2011 01:31:23

12RB Size, RB Offset 6, 16QAM



Date: 21.DEC.2011 01:26:14

25RB Size, RB Offset 0, QPSK



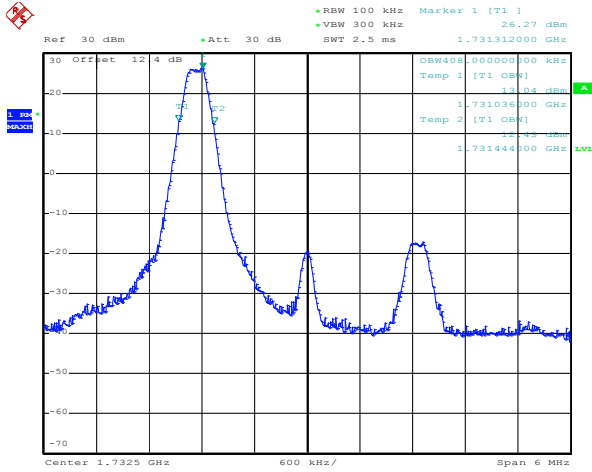
Date: 21.DEC.2011 01:27:34

25RB Size, RB Offset 0, 16QAM



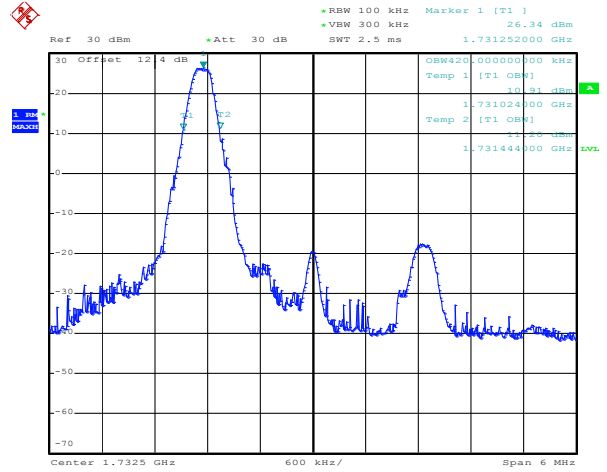
Band 4

Bandwidth 3M



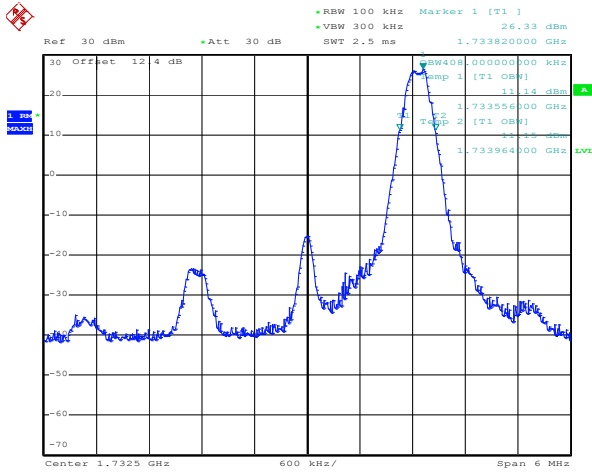
Date: 21.DEC.2011 03:03:18

1RB Size, RB Offset 0, QPSK



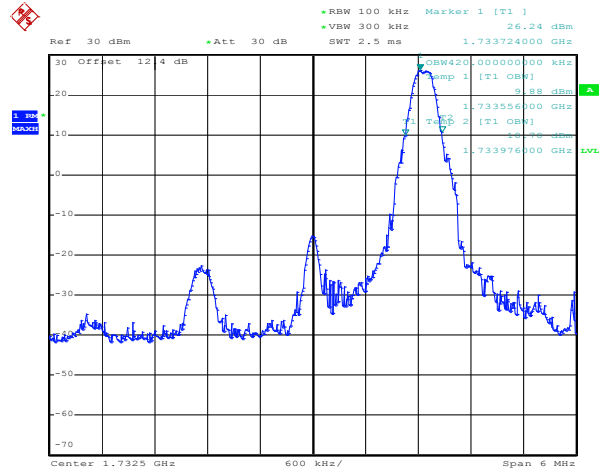
Date: 21.DEC.2011 03:04:10

1RB Size, RB Offset 0, 16QAM



Date: 21.DEC.2011 03:05:51

1RB Size, RB Offset 14, QPSK



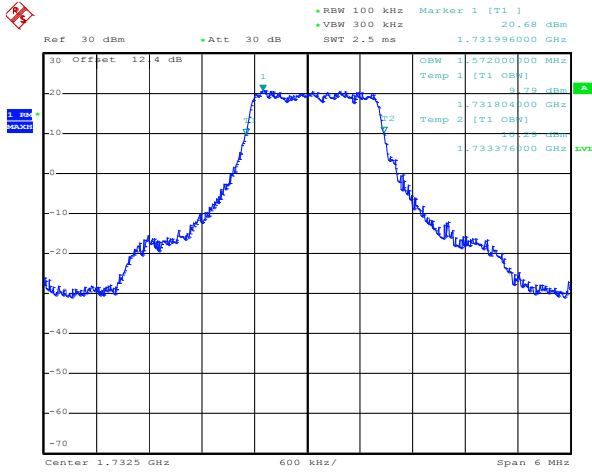
Date: 21.DEC.2011 03:06:25

1RB Size, RB Offset 14, 16QAM



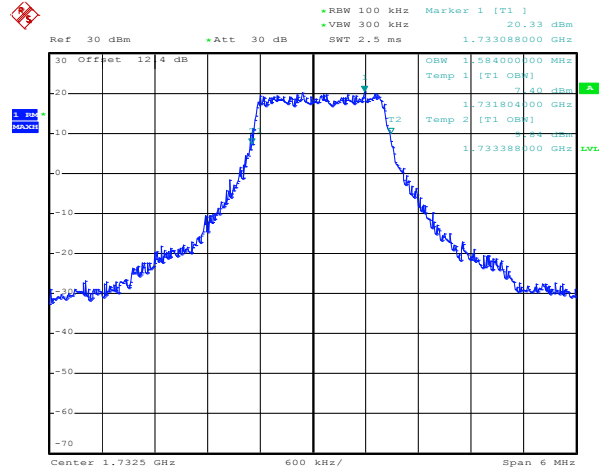
Band 4

Bandwidth 3M



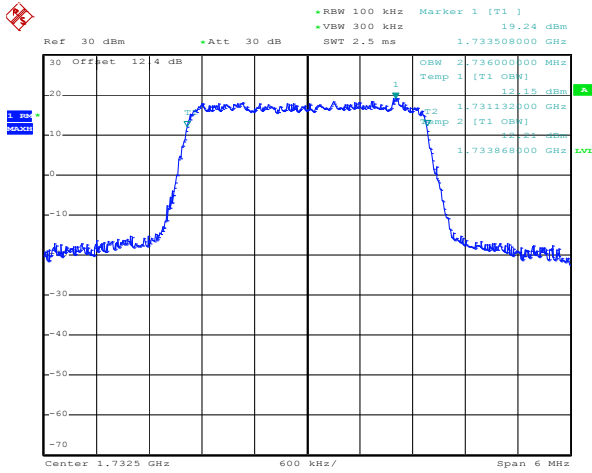
Date: 21.DEC.2011 05:42:57

8RB Size, RB Offset 4, QPSK



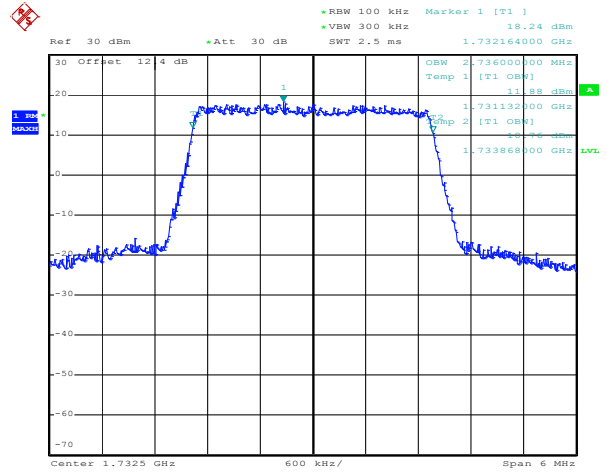
Date: 21.DEC.2011 05:43:23

8RB Size, RB Offset 4, 16QAM



Date: 21.DEC.2011 03:07:30

15RB Size, RB Offset 0, QPSK



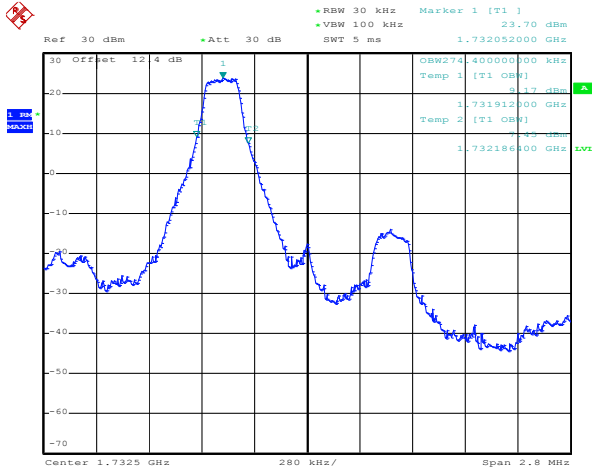
Date: 21.DEC.2011 03:08:17

15RB Size, RB Offset 0, 16QAM



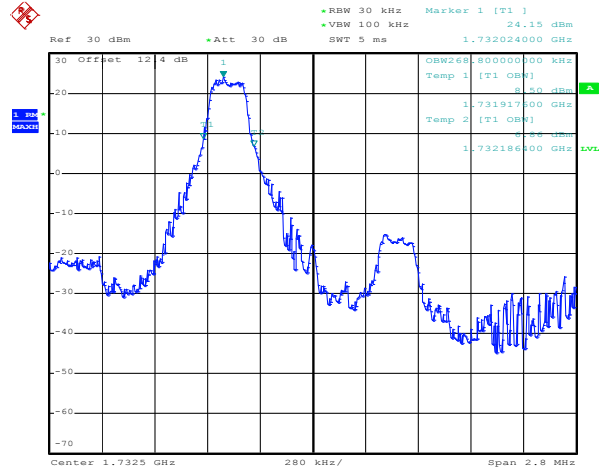
Band 4

Bandwidth 1.4M



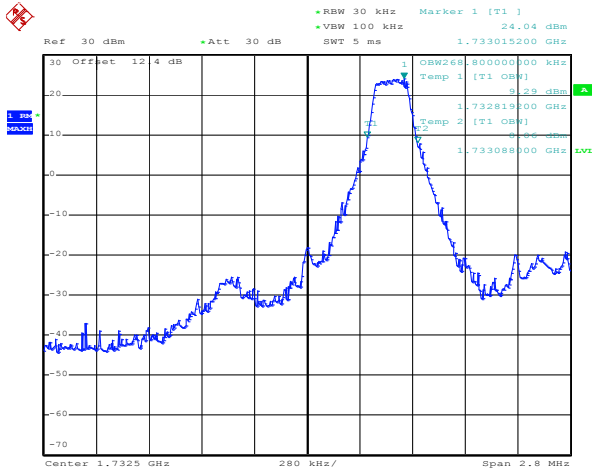
Date: 21.DEC.2011 03:36:49

1RB Size, RB Offset 0, QPSK



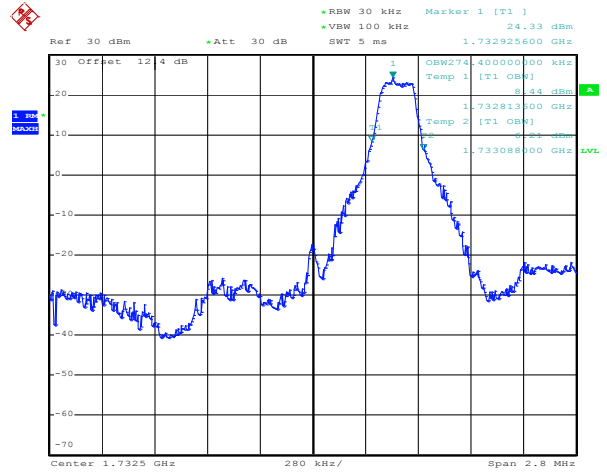
Date: 21.DEC.2011 03:37:05

1RB Size, RB Offset 0, 16QAM



Date: 21.DEC.2011 03:37:33

1RB Size, RB Offset 5, QPSK



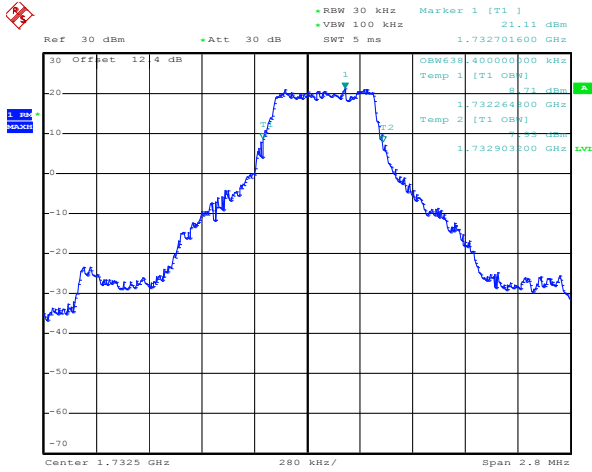
Date: 21.DEC.2011 03:37:56

1RB Size, RB Offset 5, 16QAM



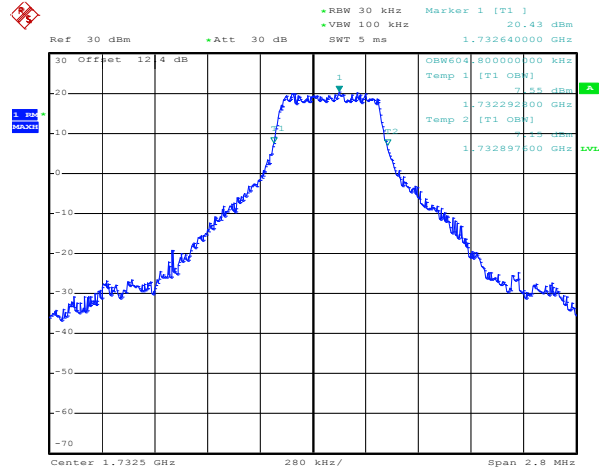
Band 4

Bandwidth 1.4M



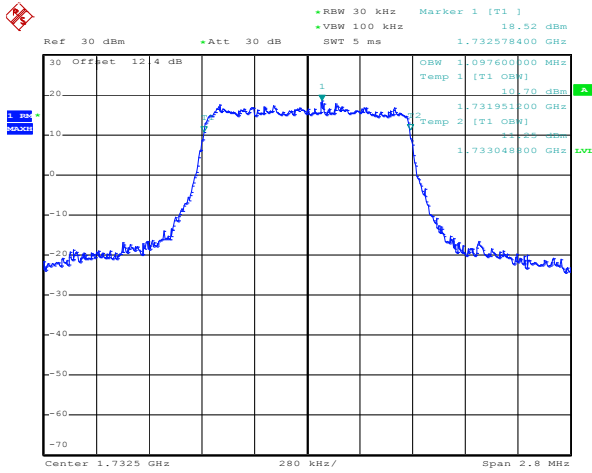
Date: 21.DEC.2011 03:38:40

3RB Size, RB Offset 2, QPSK



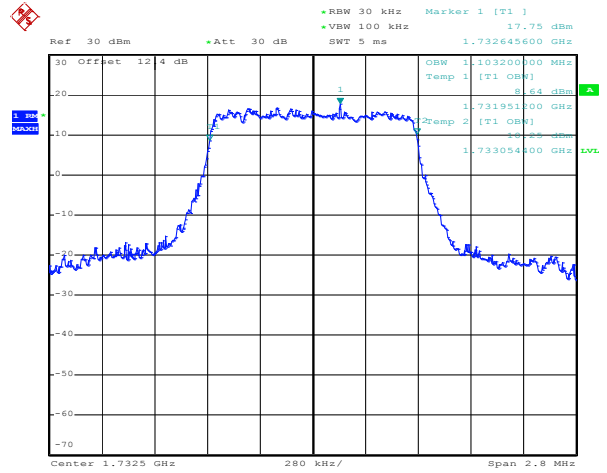
Date: 21.DEC.2011 03:38:58

3RB Size, RB Offset 2, 16QAM



Date: 21.DEC.2011 03:39:37

6RB Size, RB Offset 0, QPSK



Date: 21.DEC.2011 03:40:03

6RB Size, RB Offset 0, 16QAM