



Appendix F. Spectrum Plots From RB Size

Operation Band	Bandwidth	Modulation	RB Size/Offset	OBW99%(MHZ)
Band 17	5MHz	QPSK	1RB / Offset 0	0.48
			1RB / Offset 24	0.46
			12RB / Offset 6	2.28
			25RB / Offset 0	4.52
		16QAM	1RB / Offset 0	0.48
			1RB / Offset 24	0.46
			12RB / Offset 6	2.26
			25RB / Offset 0	4.52
	10MHz	QPSK	1RB / Offset 0	1.00
			1RB / Offset 49	1.00
			25RB / Offset 13	4.92
			50RB / Offset 0	9.20
		16QAM	1RB / Offset 0	0.96
			1RB / Offset 49	0.96
			25RB / Offset 13	4.92
			50RB / Offset 0	9.20

Operation Band	Bandwidth	Modulation	RB Size/Offset	OBW99%(MHZ)
Band 12	1.4MHz	QPSK	1RB / Offset 0	0.27
			1RB / Offset 5	0.27
			3RB / Offset 2	0.62
			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
	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	0.40
			1RB / Offset 14	0.40
			8RB / Offset 4	1.60
			15RB / Offset 0	2.74
	5MHz	QPSK	1RB / Offset 0	0.44
			1RB / Offset 24	0.46
			12RB / Offset 6	2.28
			25RB / Offset 0	4.50
		16QAM	1RB / Offset 0	0.44
			1RB / Offset 24	0.46
			12RB / Offset 6	2.26
			25RB / Offset 0	4.48
	10MHz	QPSK	1RB / Offset 0	0.96
			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	4.84
			50RB / Offset 0	9.12

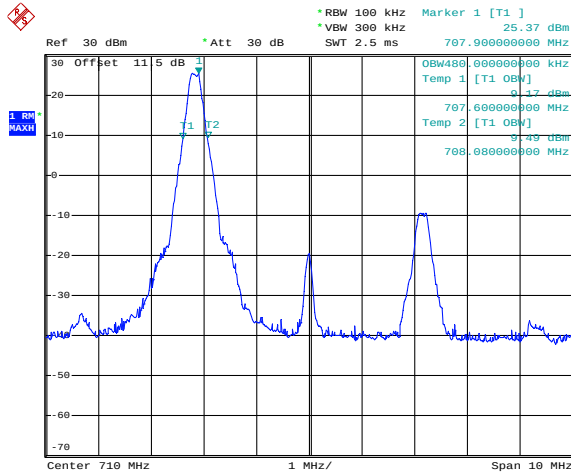


Operation Band	Bandwidth	Modulation	RB Size/Offset	OBW99%(MHZ)
Band 4	1.4MHz	QPSK	1RB / Offset 0	0.27
			1RB / Offset 5	0.27
			3RB / Offset 2	0.63
			6RB / Offset 0	1.10
		16QAM	1RB / Offset 0	0.27
			1RB / Offset 5	0.27
			3RB / Offset 2	0.59
			6RB / Offset 0	1.10
	3MHz	QPSK	1RB / Offset 0	0.40
			1RB / Offset 14	0.41
			8RB / Offset 4	1.57
			15RB / Offset 0	2.75
		16QAM	1RB / Offset 0	0.40
			1RB / Offset 14	0.41
			8RB / Offset 4	1.57
			15RB / Offset 0	2.74
	5MHz	QPSK	1RB / Offset 0	0.46
			1RB / Offset 24	0.44
			12RB / Offset 6	2.28
			25RB / Offset 0	4.50
		16QAM	1RB / Offset 0	0.44
			1RB / Offset 24	0.44
			12RB / Offset 6	2.26
			25RB / Offset 0	4.48
	10MHz	QPSK	1RB / Offset 0	0.96
			1RB / Offset 49	0.96
			25RB / Offset 13	4.84
			50RB / Offset 0	9.16
		16QAM	1RB / Offset 0	0.96
			1RB / Offset 49	1.00
			25RB / Offset 13	4.84
			50RB / Offset 0	9.12
	15MHz	QPSK	1RB / Offset 0	1.08
			1RB / Offset 74	1.08
			36RB / Offset 18	6.72
			75RB / Offset 0	13.56
		16QAM	1RB / Offset 0	1.08
			1RB / Offset 74	1.02
			36RB / Offset 18	6.78
			75RB / Offset 0	13.56
	20MHz	QPSK	1RB / Offset 0	2.96
			1RB / Offset 99	2.96
			50RB / Offset 25	10.32
			100RB / Offset 0	18.72
		16QAM	1RB / Offset 0	3.04
			1RB / Offset 99	3.04
			50RB / Offset 25	10.16
			100RB / Offset 0	18.72



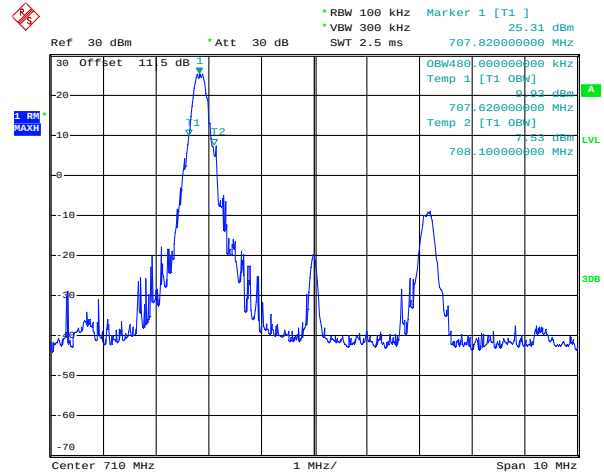
Band 17

Bandwidth 5M



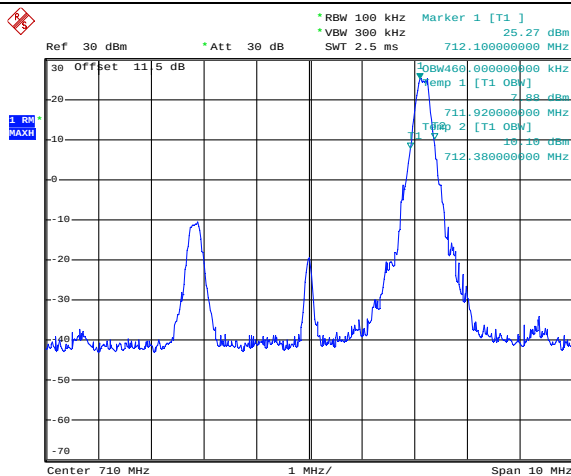
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1RB Size, RB Offset 0, QPSK



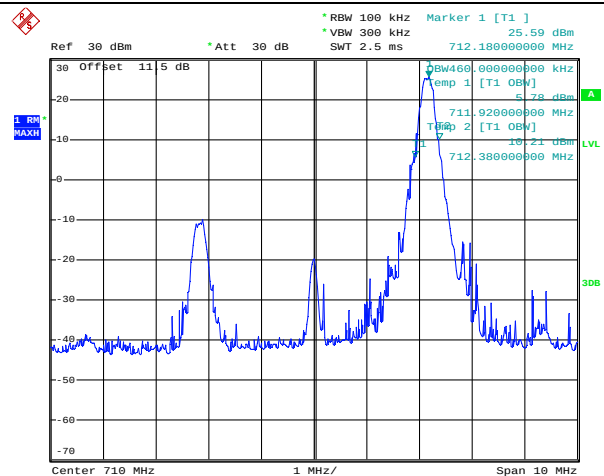
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1RB Size, RB Offset 0, 16QAM



Date: 21.MAR.2012 02:38:09

1RB Size, RB Offset 24, QPSK



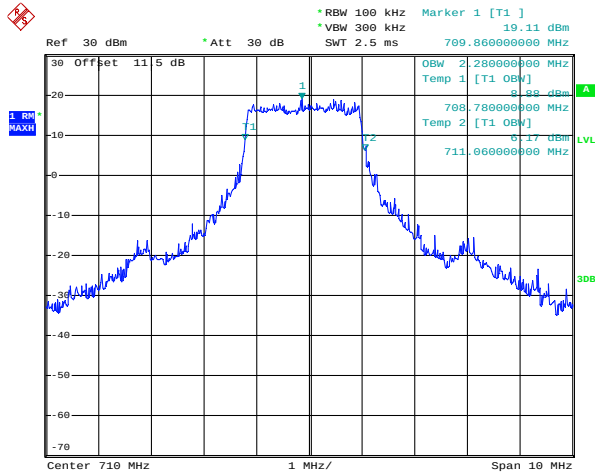
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1RB Size, RB Offset 24, 16QAM



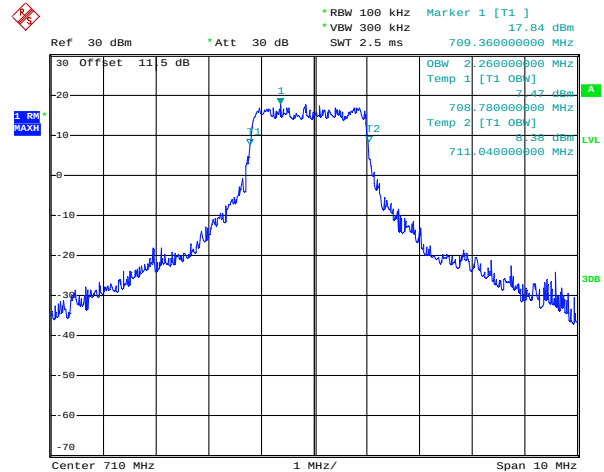
Band 17

Bandwidth 5M



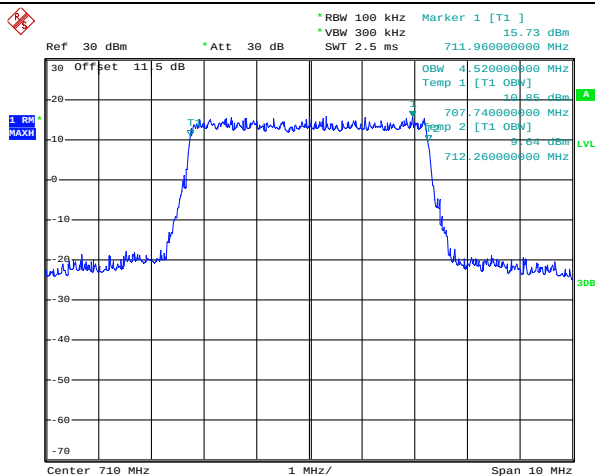
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12RB Size, RB Offset 6, QPSK



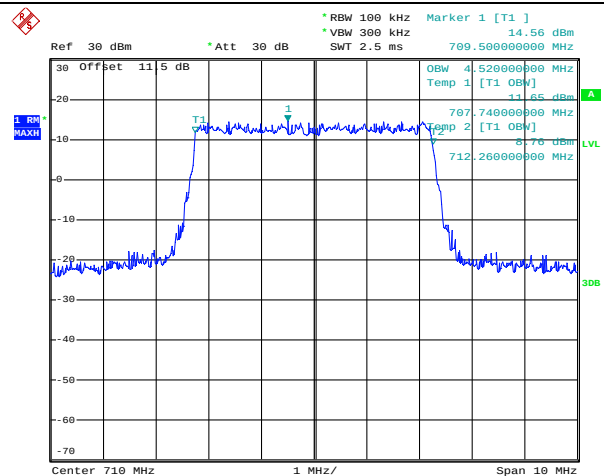
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12RB Size, RB Offset 6, 16QAM



Date: 21.MAR.2012 02:39:37

25RB Size, RB Offset 0, QPSK



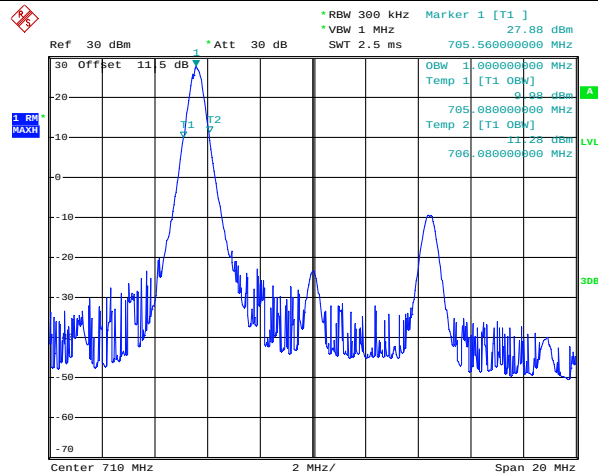
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25RB Size, RB Offset 0, 16QAM



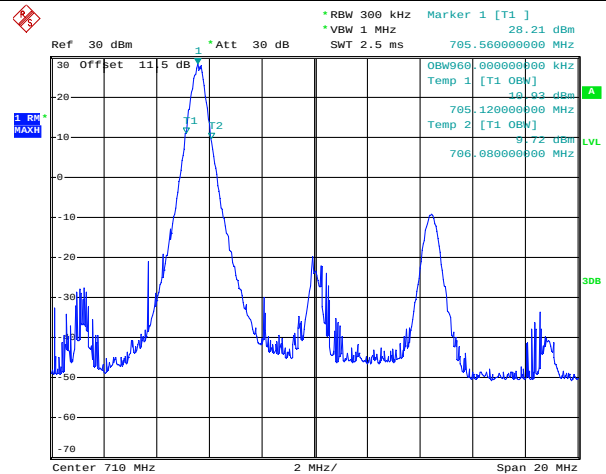
Band 17

Bandwidth 10M



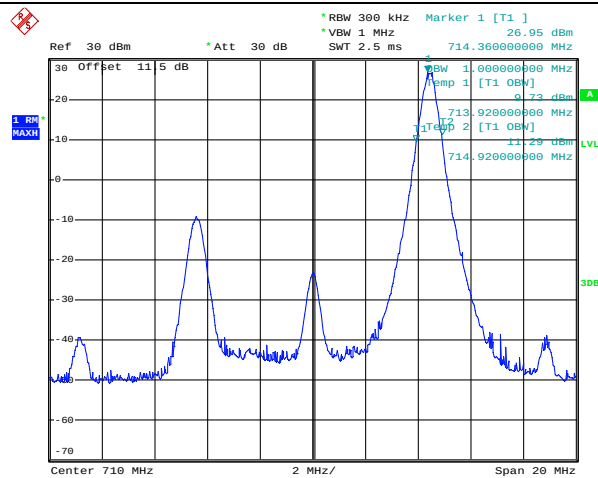
Date: 21.MAR.2012 02:42:11

1RB Size, RB Offset 0, QPSK



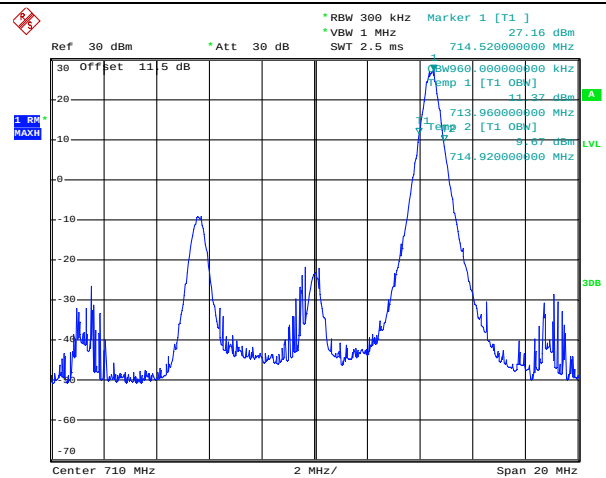
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1RB Size, RB Offset 0, 16QAM



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1RB Size, RB Offset 49, QPSK



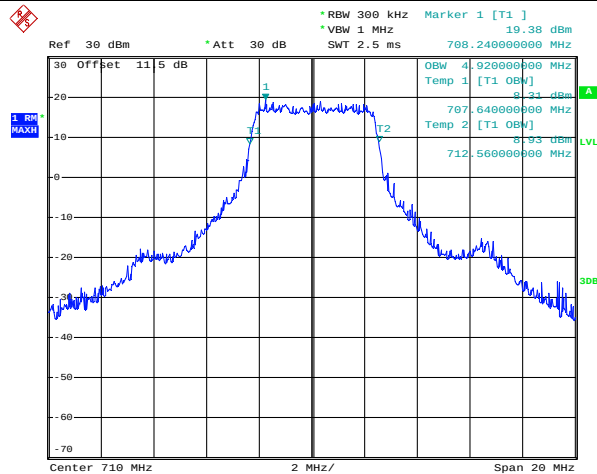
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1RB Size, RB Offset 49, 16QAM



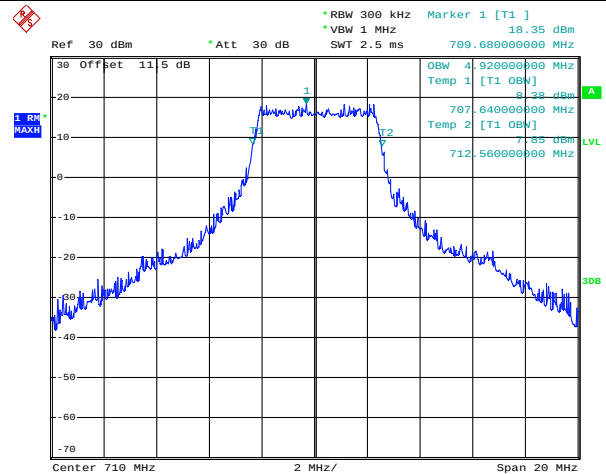
Band 17

Bandwidth 10M



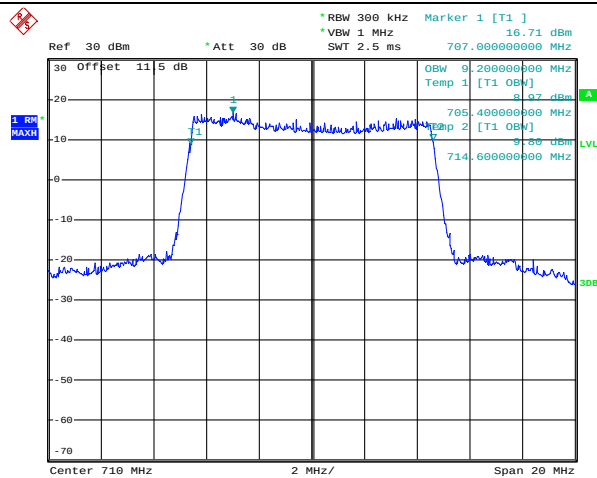
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25RB Size, RB Offset 13, QPSK



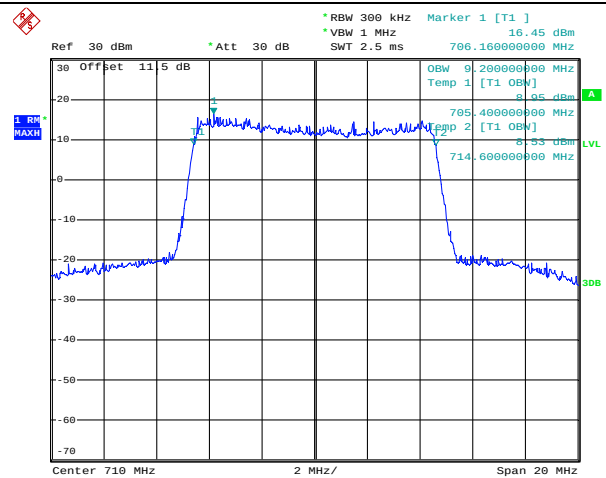
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25RB Size, RB Offset 13, 16QAM



Date: 21.MAR.2012 02:44:07

50RB Size, RB Offset 0, QPSK



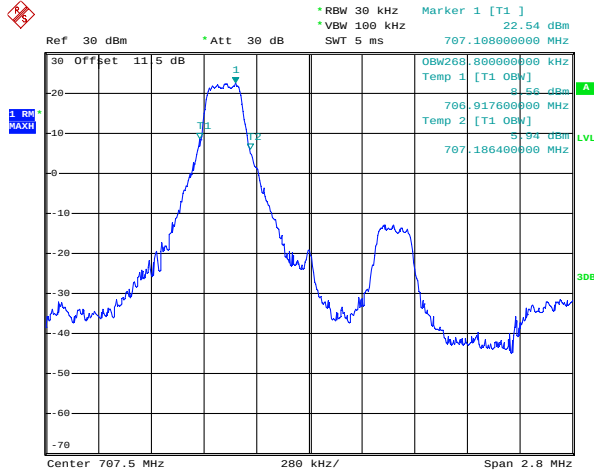
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50RB Size, RB Offset 0, 16QAM



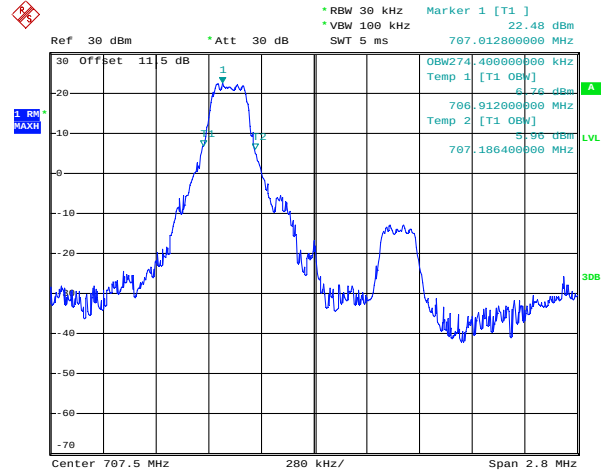
Band 12

Bandwidth 1.4M



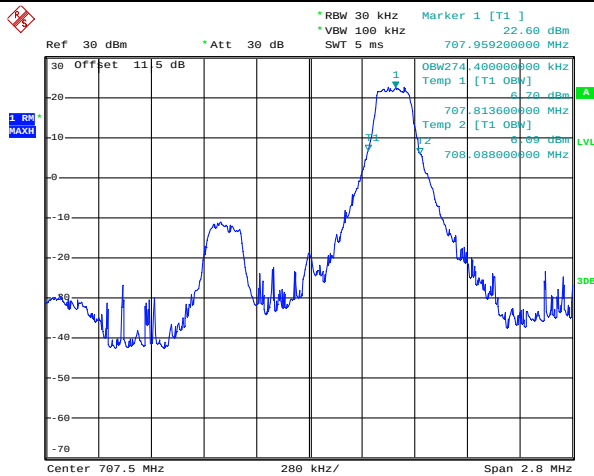
Date: 22.MAR.2012 02:37:11

1RB Size, RB Offset 0, QPSK



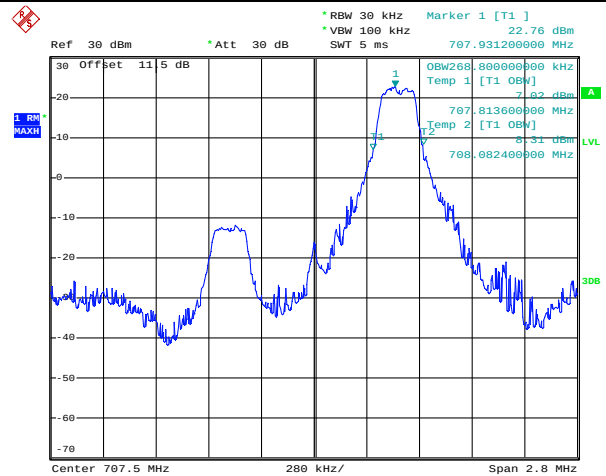
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1RB Size, RB Offset 0, 16QAM



Date: 22.MAR.2012 02:37:55

1RB Size, RB Offset 5, QPSK



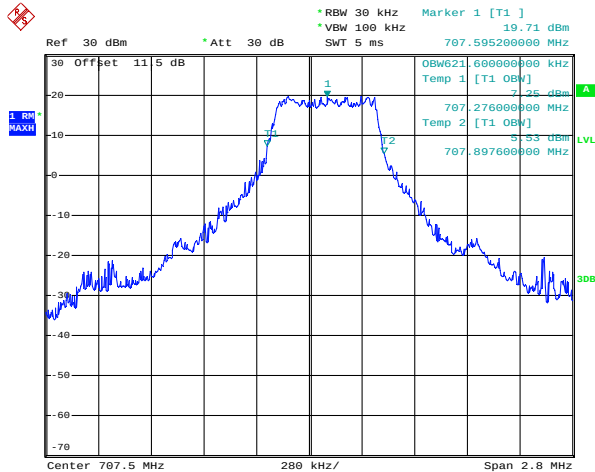
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1RB Size, RB Offset 5, 16QAM



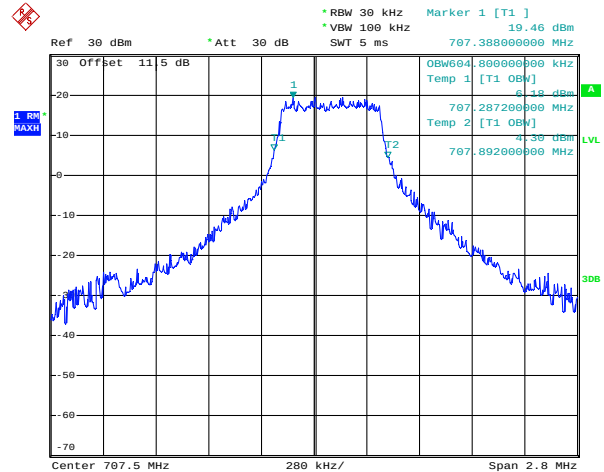
Band 12

Bandwidth 1.4M



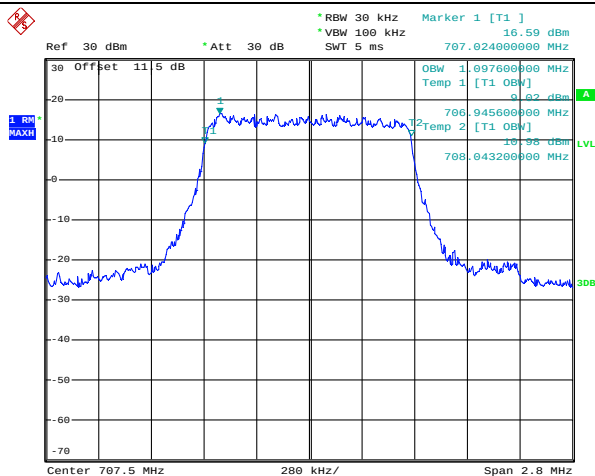
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3RB Size, RB Offset 2, QPSK



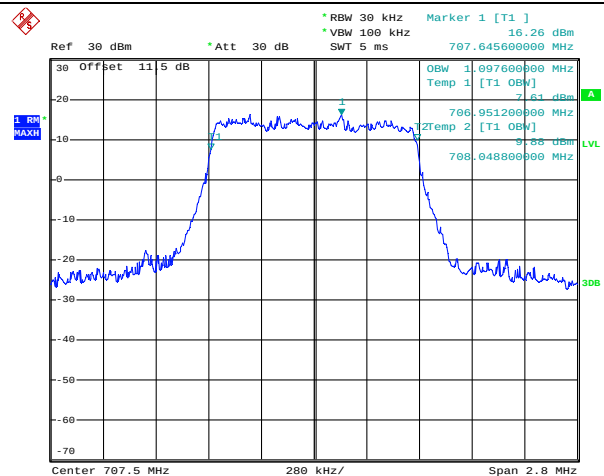
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3RB Size, RB Offset 2, 16QAM



Date: 22.MAR.2012 02:39:14

6RB Size, RB Offset 0, QPSK



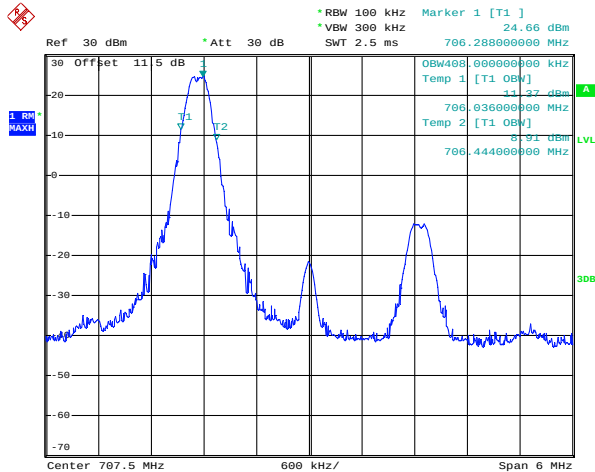
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6RB Size, RB Offset 0, 16QAM



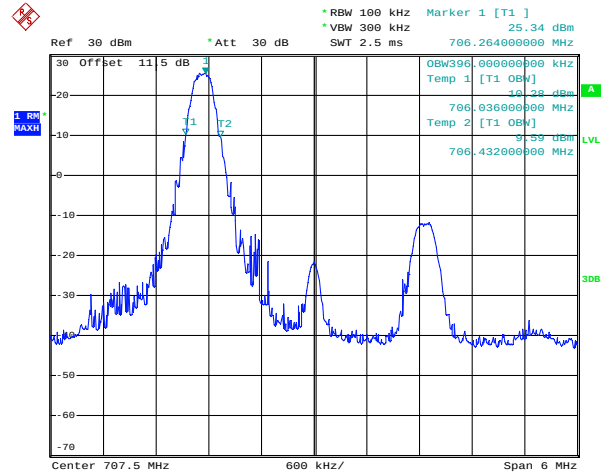
Band 12

Bandwidth 3M



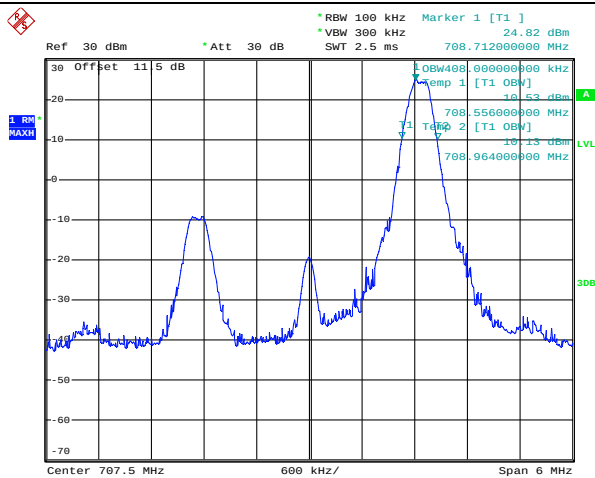
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1RB Size, RB Offset 0, QPSK



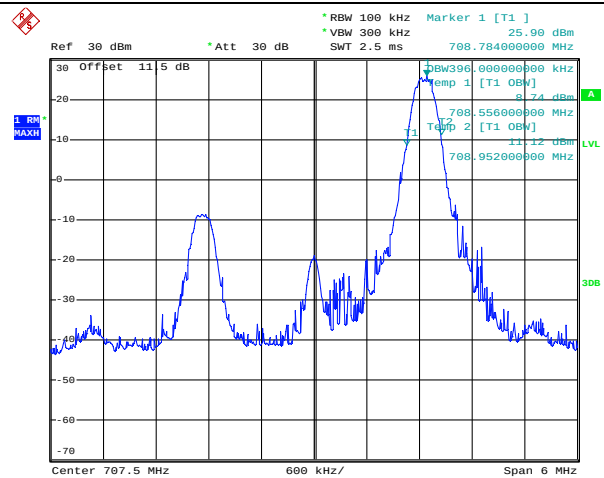
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1RB Size, RB Offset 0, 16QAM



Date: 22.MAR.2012 02:32:23

1RB Size, RB Offset 14, QPSK

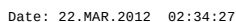


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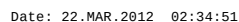
1RB Size, RB Offset 14, 16QAM



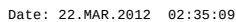
Bandwidth 3M



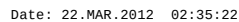
8RB Size, RB Offset 4, QPSK



8RB Size, RB Offset 4, 16QAM



15RB Size, RB Offset 0, QPSK

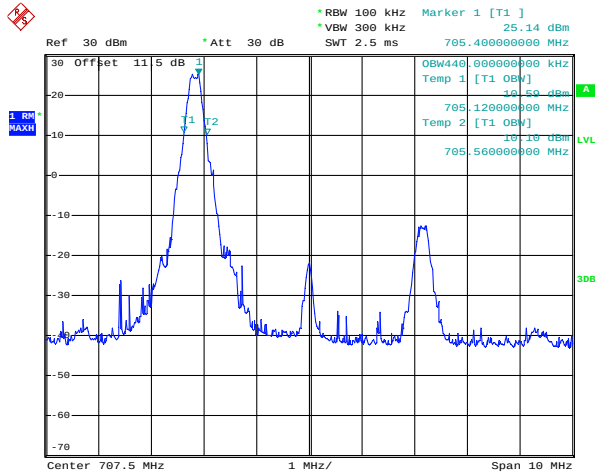


15RB Size, RB Offset 0, 16QAM



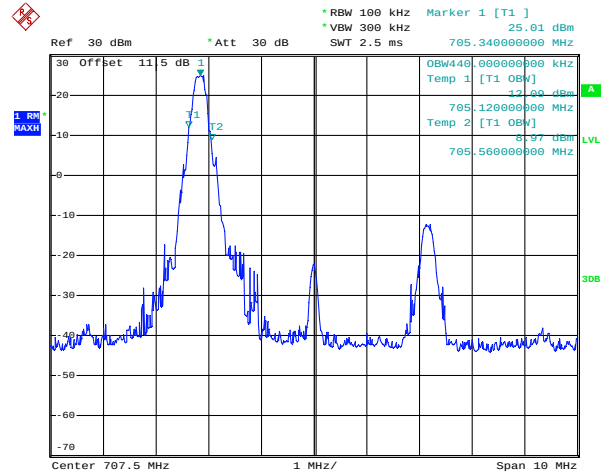
Band 12

Bandwidth 5M



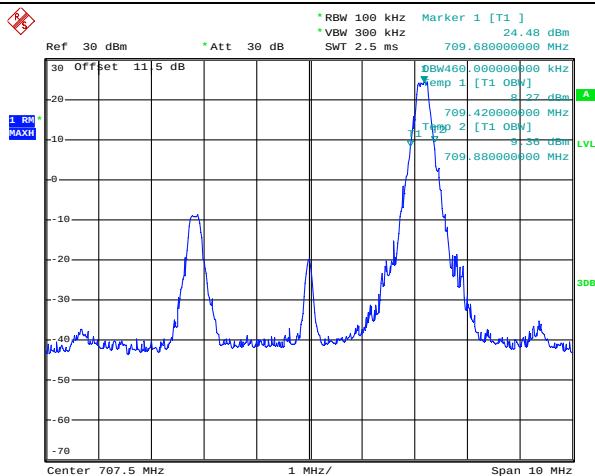
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1RB Size, RB Offset 0, QPSK



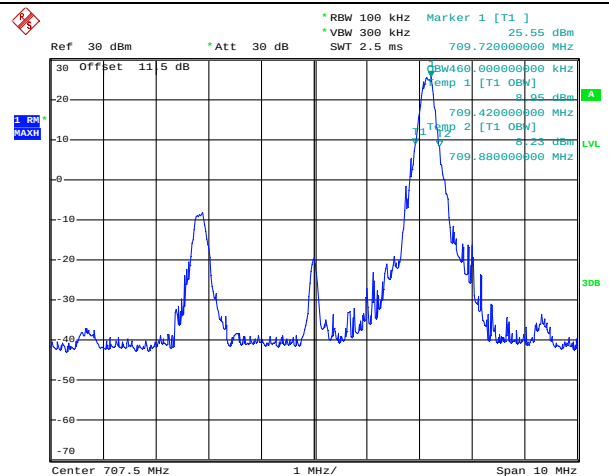
Date: 22.MAR.2012 02:26:53

1RB Size, RB Offset 0, 16QAM



Date: 22.MAR.2012 02:27:12

1RB Size, RB Offset 24, QPSK



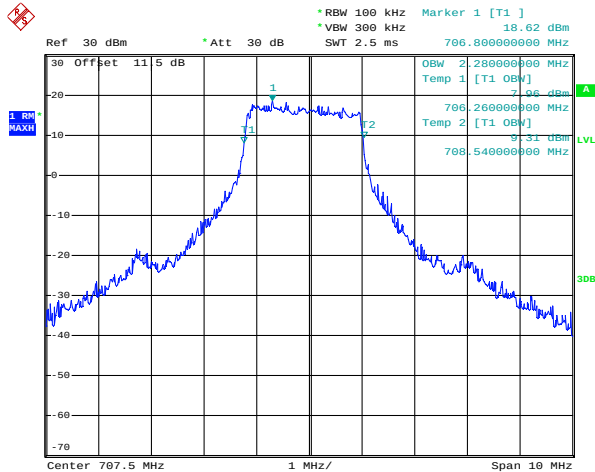
Date: 22.MAR.2012 02:27:45

1RB Size, RB Offset 24, 16QAM



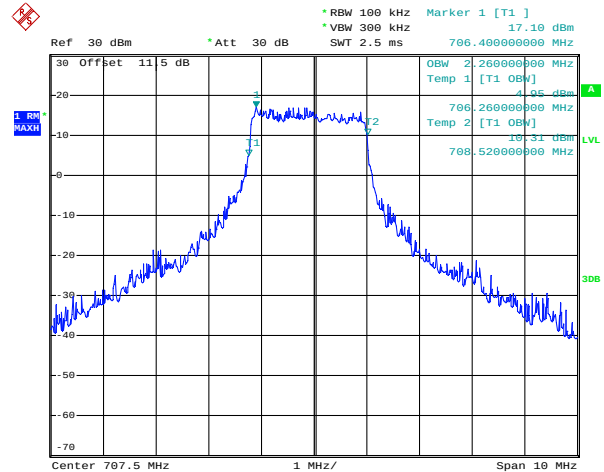
Band 12

Bandwidth 5M



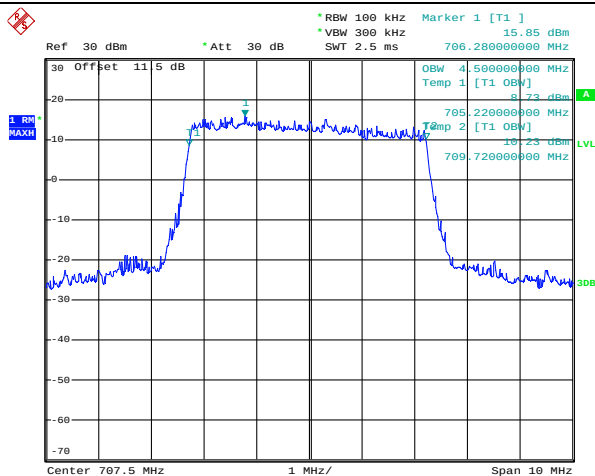
Date: 22.MAR.2012 02:28:21

12RB Size, RB Offset 6, QPSK



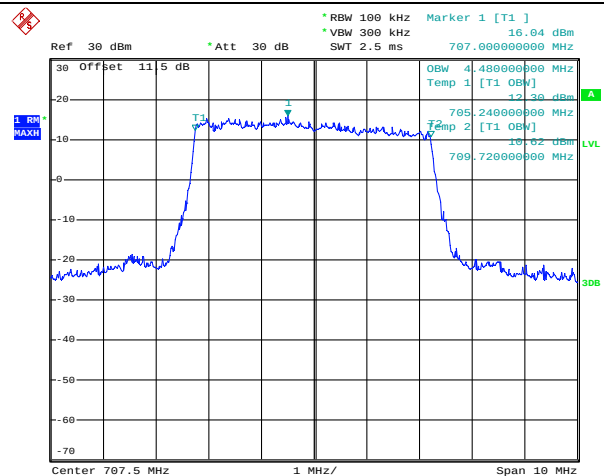
Date: 22.MAR.2012 02:28:35

12RB Size, RB Offset 6, 16QAM



Date: 22.MAR.2012 02:28:58

25RB Size, RB Offset 0, QPSK



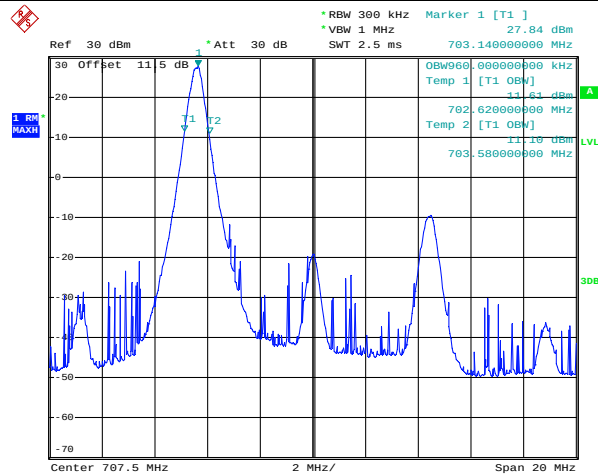
Date: 22.MAR.2012 02:29:50

25RB Size, RB Offset 0, 16QAM



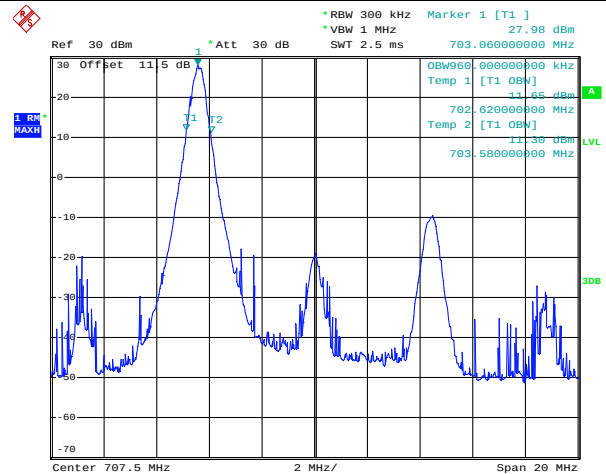
Band 12

Bandwidth 10M



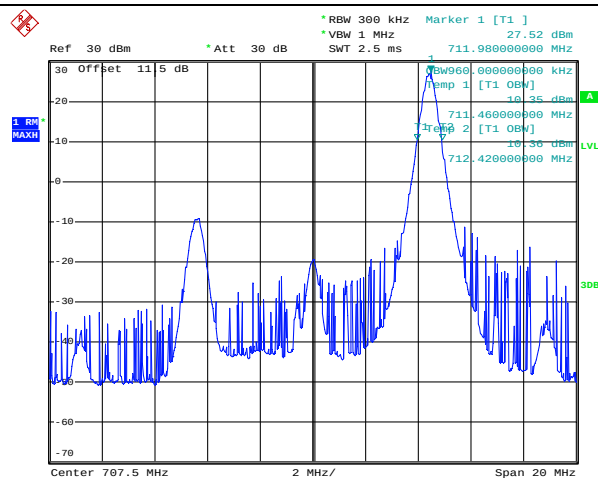
Date: 22.MAR.2012 02:22:35

1RB Size, RB Offset 0, QPSK



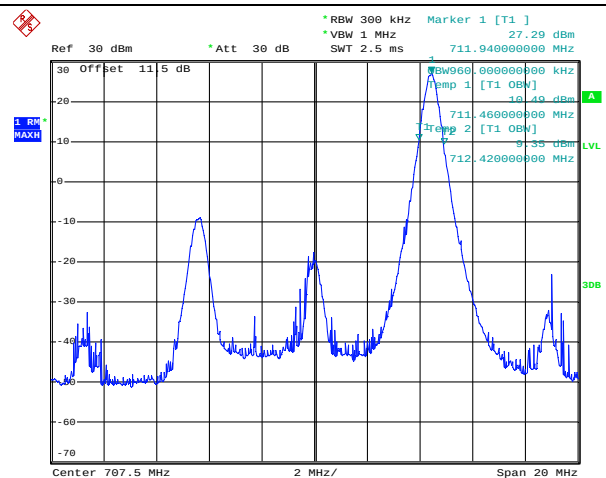
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1RB Size, RB Offset 0, 16QAM



Date: 22.MAR.2012 02:23:09

1RB Size, RB Offset 49, QPSK



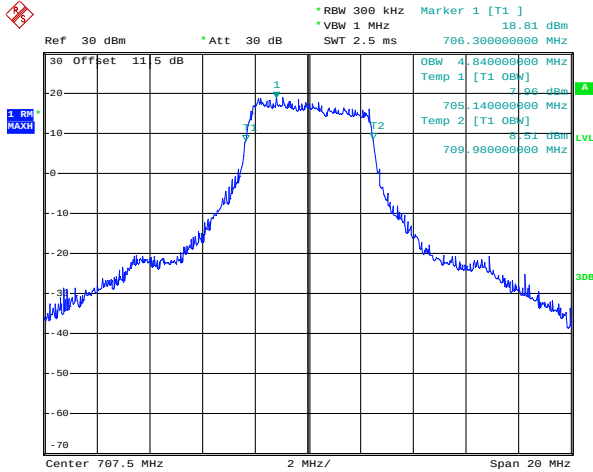
Date: 22.MAR.2012 02:23:28

1RB Size, RB Offset 49, 16QAM



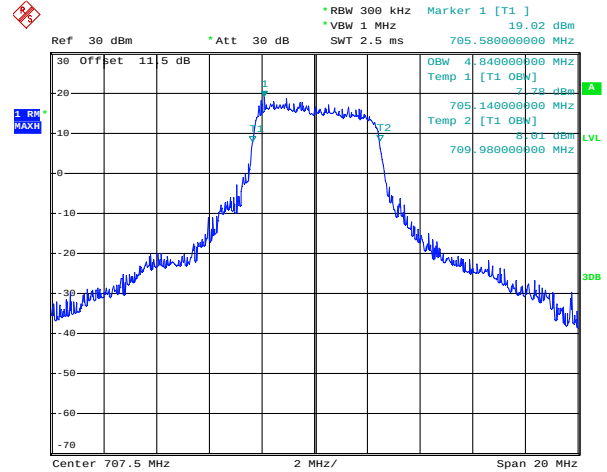
Band 12

Bandwidth 10M



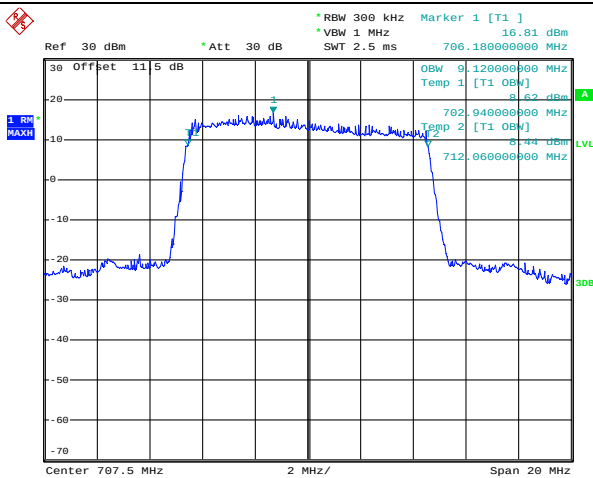
Date: 22.MAR.2012 02:23:51

25RB Size, RB Offset 13, QPSK



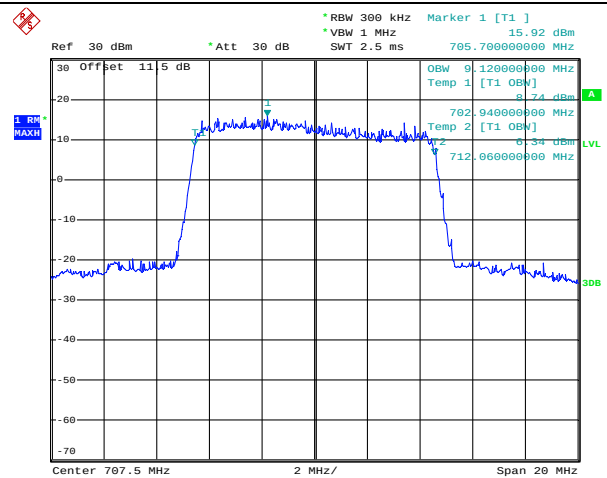
Date: 22.MAR.2012 02:24:17

25RB Size, RB Offset 13, 16QAM



Date: 22.MAR.2012 02:24:35

50RB Size, RB Offset 0, QPSK



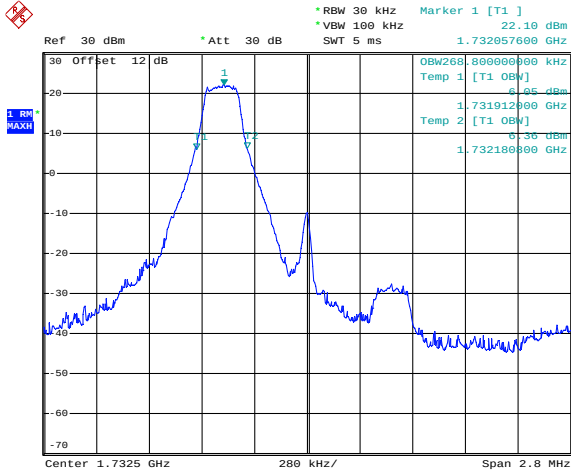
Date: 22.MAR.2012 02:24:50

50RB Size, RB Offset 0, 16QAM



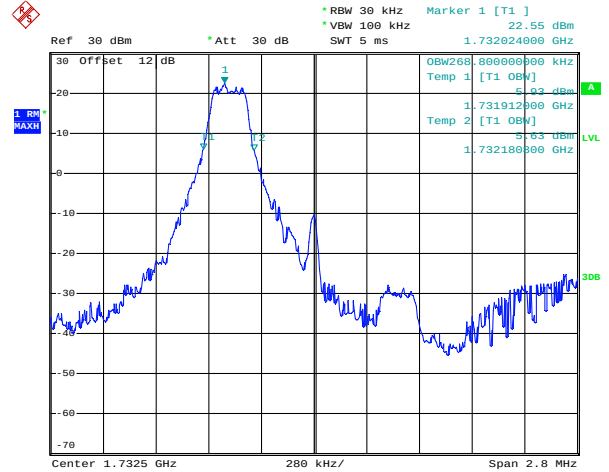
Band 4

Bandwidth 1.4M



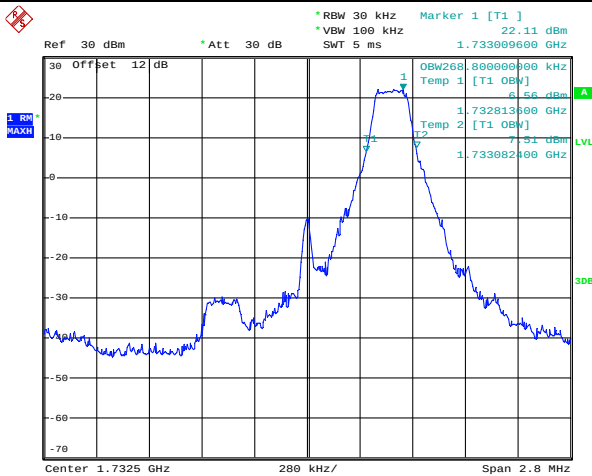
Date: 21.MAR.2012 17:48:51

1RB Size, RB Offset 0, QPSK



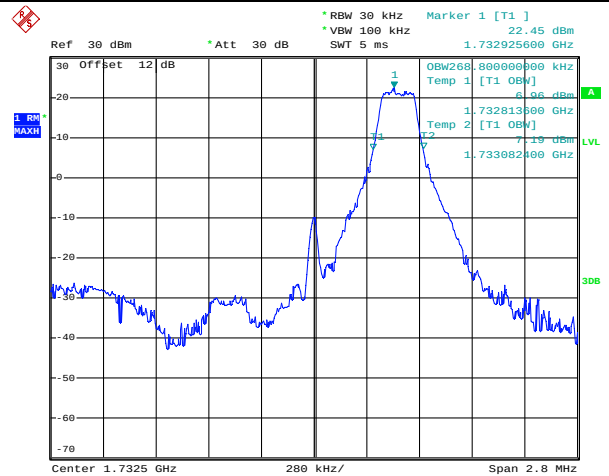
Date: 21.MAR.2012 17:49:15

1RB Size, RB Offset 0, 16QAM



Date: 21.MAR.2012 17:50:21

1RB Size, RB Offset 5, QPSK



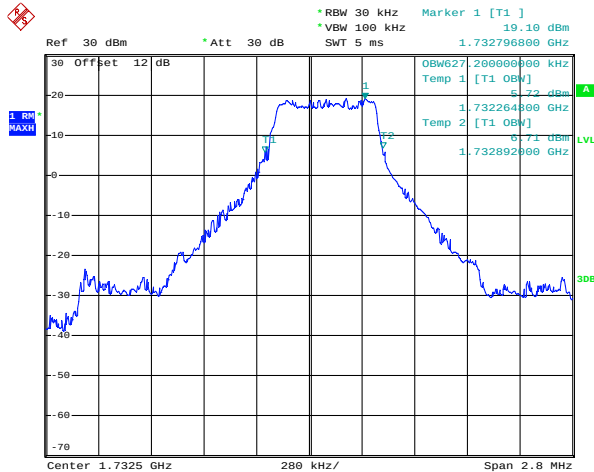
Date: 21.MAR.2012 17:51:01

1RB Size, RB Offset 5, 16QAM



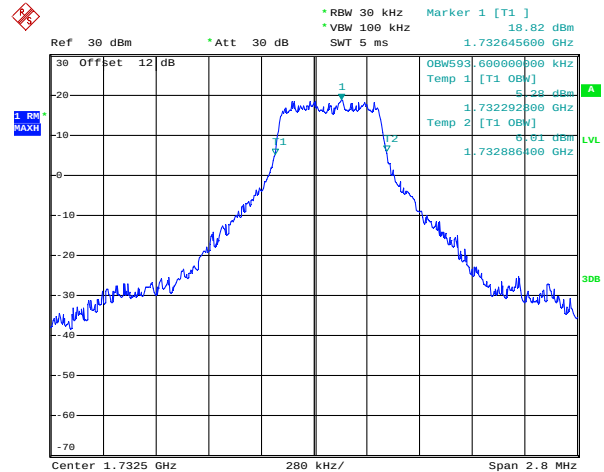
Band 4

Bandwidth 1.4M



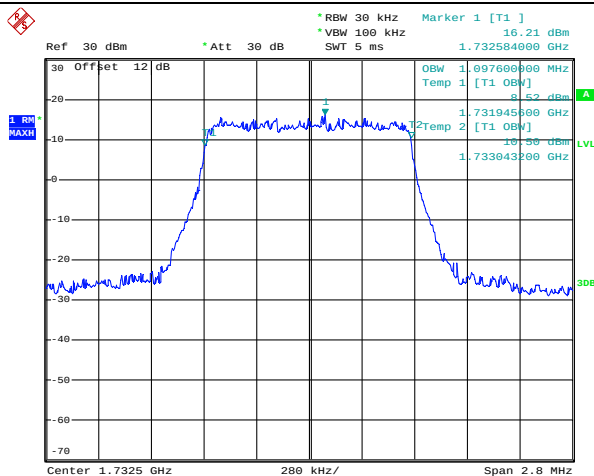
Date: 21.MAR.2012 17:51:46

3RB Size, RB Offset 2, QPSK



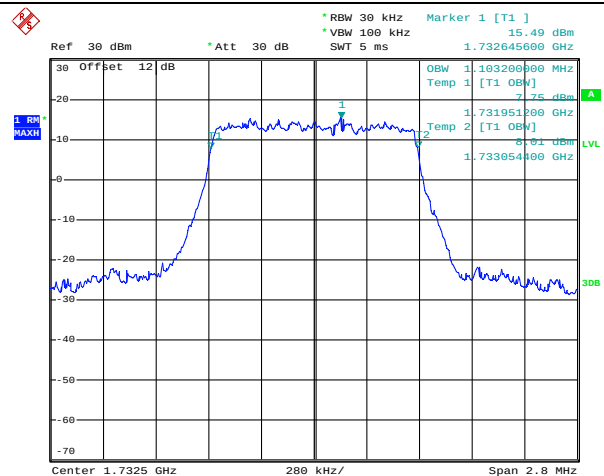
Date: 21.MAR.2012 17:52:04

3RB Size, RB Offset 2, 16QAM



Date: 21.MAR.2012 17:52:28

6RB Size, RB Offset 0, QPSK



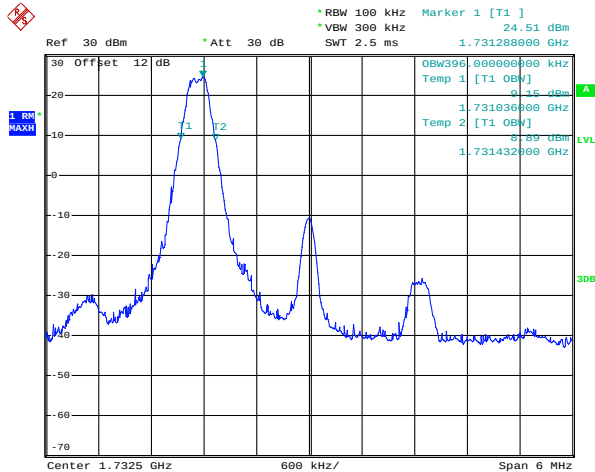
Date: 21.MAR.2012 17:53:12

6RB Size, RB Offset 0, 16QAM



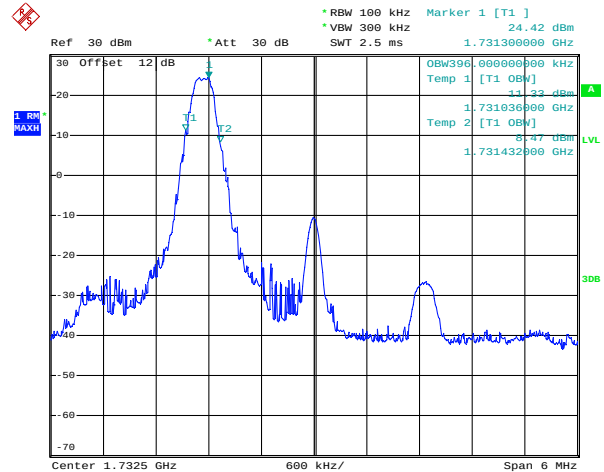
Band 4

Bandwidth 3M



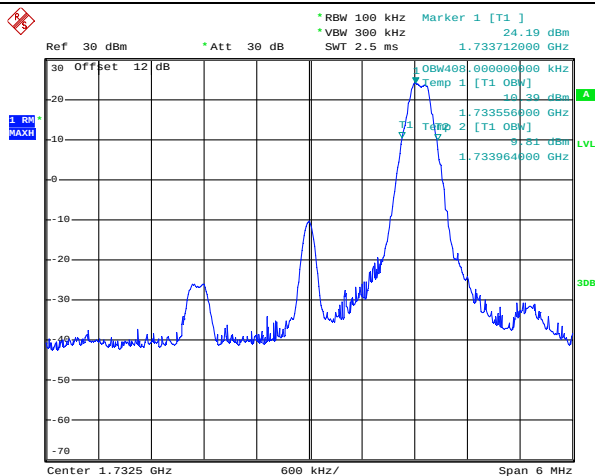
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1RB Size, RB Offset 0, QPSK



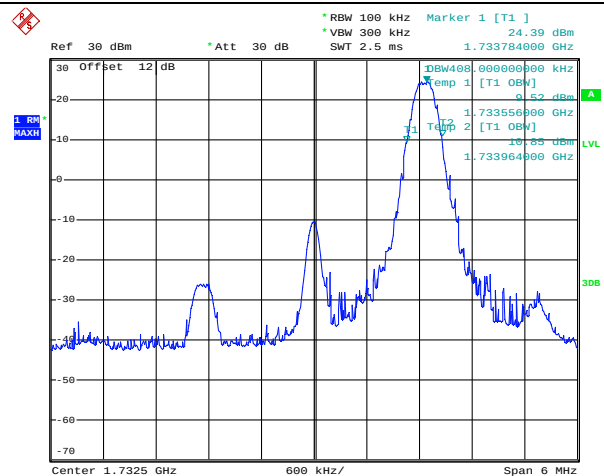
Date: 21.MAR.2012 17:55:54

1RB Size, RB Offset 0, 16QAM



Date: 21.MAR.2012 17:56:17

1RB Size, RB Offset 14, QPSK

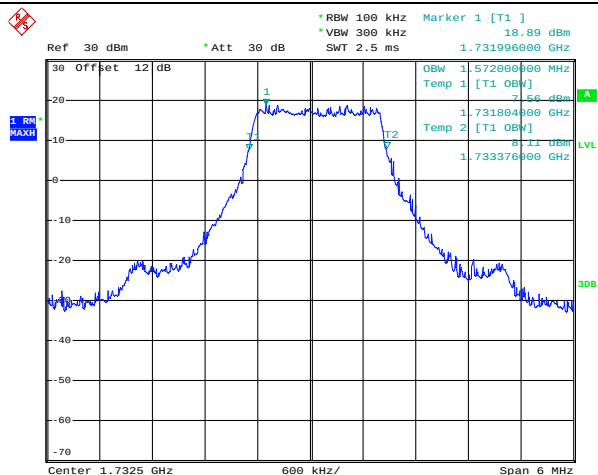


Date: 21.MAR.2012 17:56:36

1RB Size, RB Offset 14, 16QAM

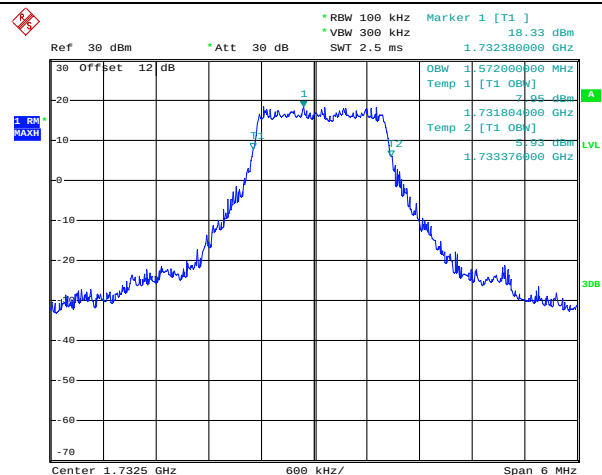
Band 4

Bandwidth 3M



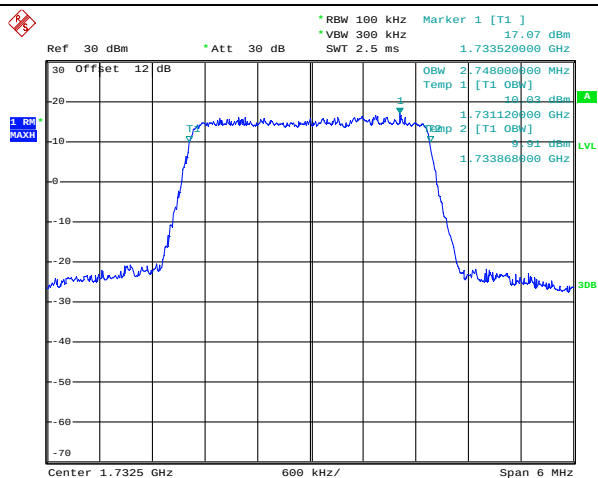
Date: 21.MAR.2012 17:58:43

8RB Size, RB Offset 4, QPSK



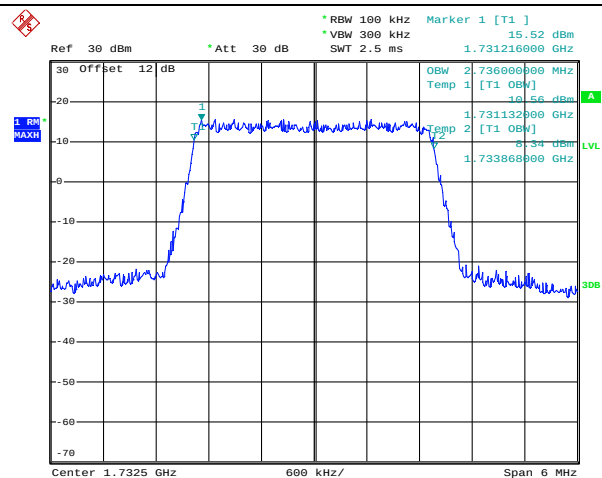
Date: 21.MAR.2012 17:59:14

8RB Size, RB Offset 4, 16QAM



Date: 21.MAR.2012 17:59:54

15RB Size, RB Offset 0, QPSK



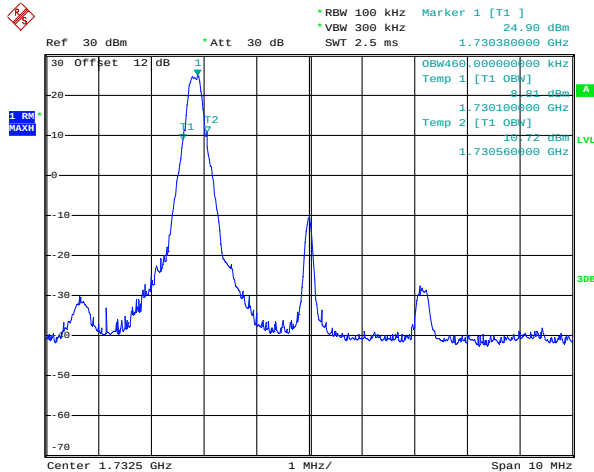
Date: 21.MAR.2012 18:00:16

15RB Size, RB Offset 0, 16QAM



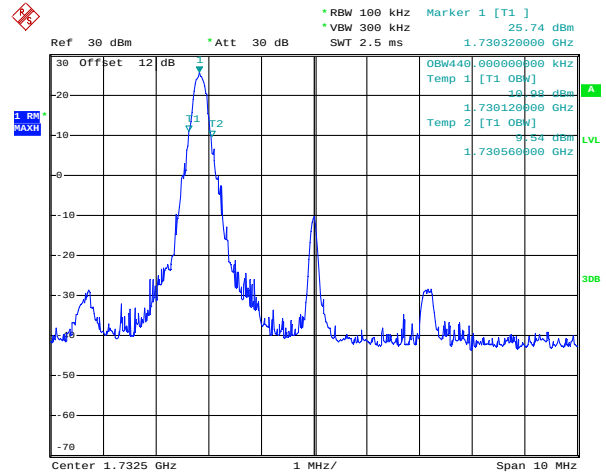
Band 4

Bandwidth 5M



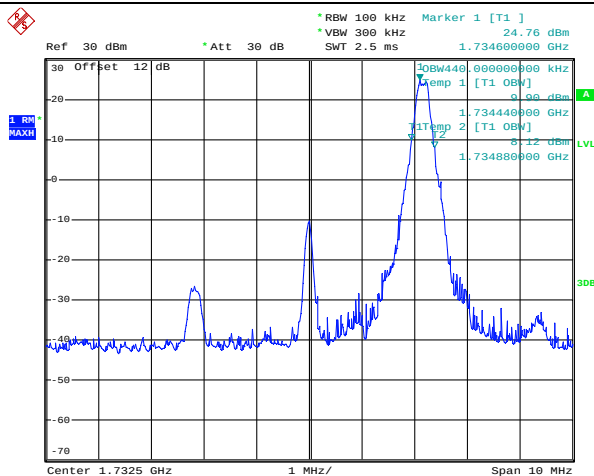
Date: 21.MAR.2012 01:13:52

1RB Size, RB Offset 0, QPSK



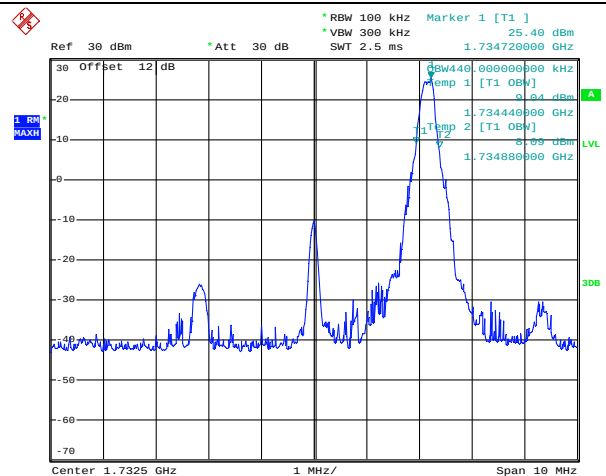
Date: 21.MAR.2012 01:14:17

1RB Size, RB Offset 0, 16QAM



Date: 21.MAR.2012 01:14:37

1RB Size, RB Offset 24, QPSK



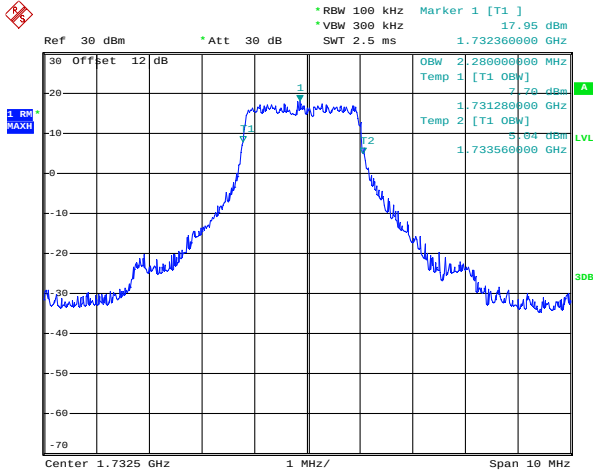
Date: 21.MAR.2012 01:15:21

1RB Size, RB Offset 24, 16QAM



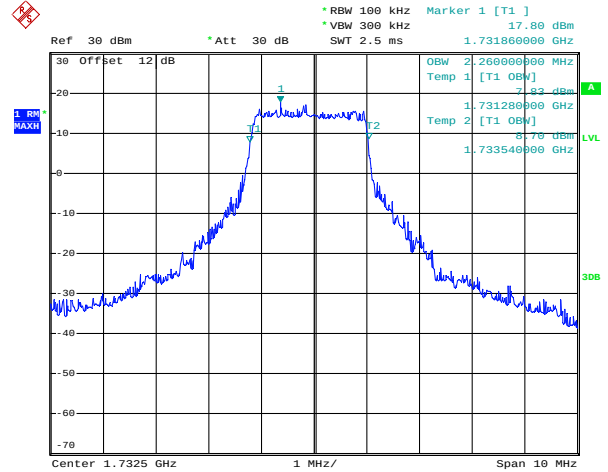
Band 4

Bandwidth 5M



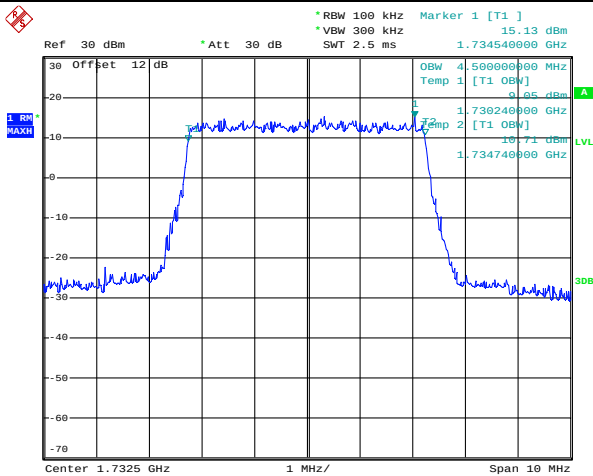
Date: 21.MAR.2012 01:15:56

12RB Size, RB Offset 6, QPSK



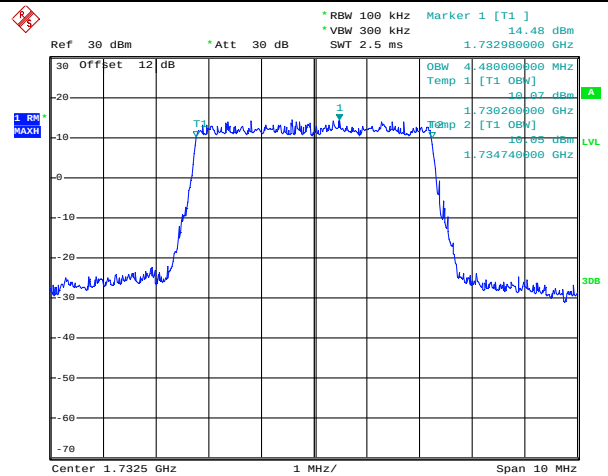
Date: 21.MAR.2012 01:16:11

12RB Size, RB Offset 6, 16QAM



Date: 21.MAR.2012 01:16:54

25RB Size, RB Offset 0, QPSK



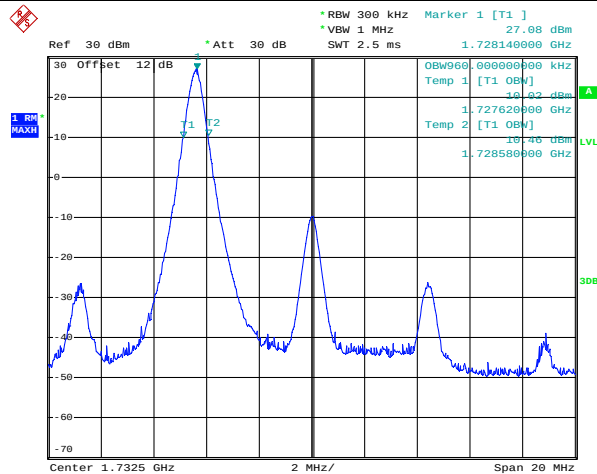
Date: 21.MAR.2012 01:17:12

25RB Size, RB Offset 0, 16QAM



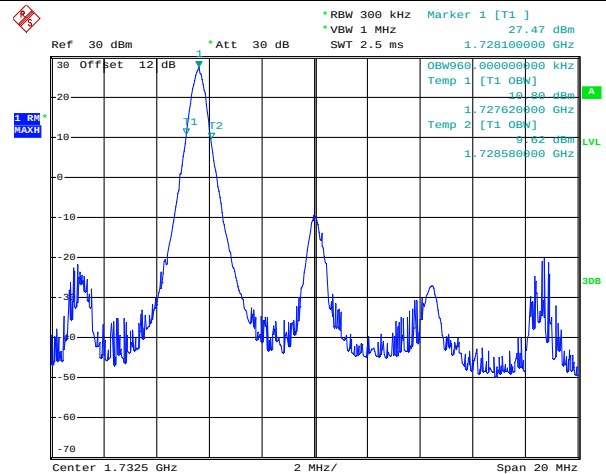
Band 4

Bandwidth 10M



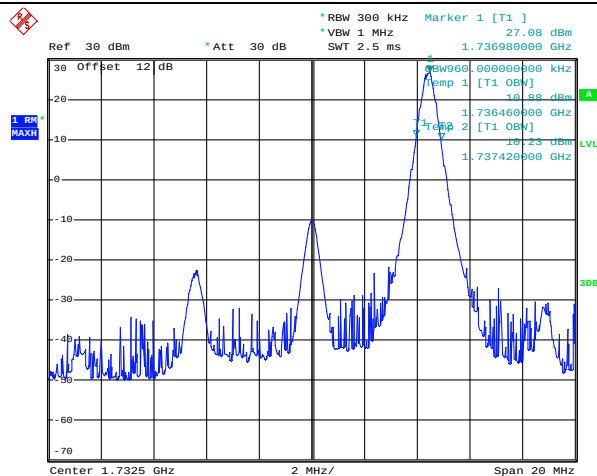
Date: 21.MAR.2012 01:22:50

1RB Size, RB Offset 0, QPSK



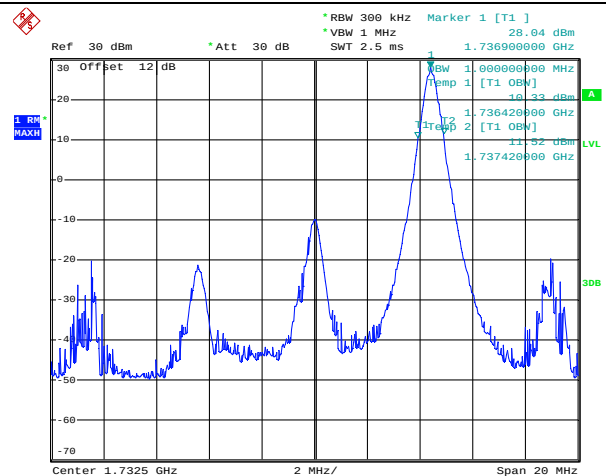
Date: 21.MAR.2012 01:23:22

1RB Size, RB Offset 0, 16QAM



Date: 21.MAR.2012 01:23:45

1RB Size, RB Offset 49, QPSK



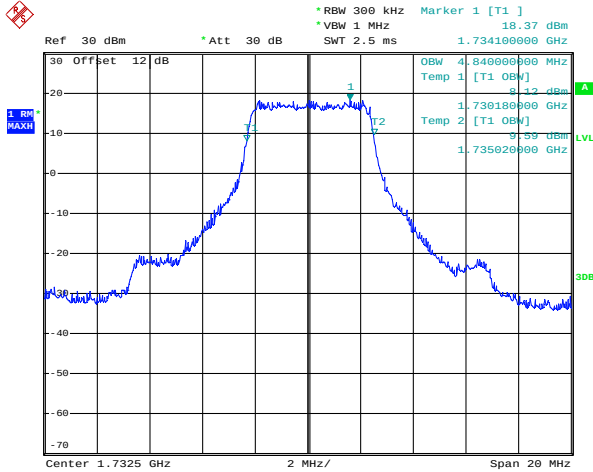
Date: 21.MAR.2012 01:24:21

1RB Size, RB Offset 49, 16QAM



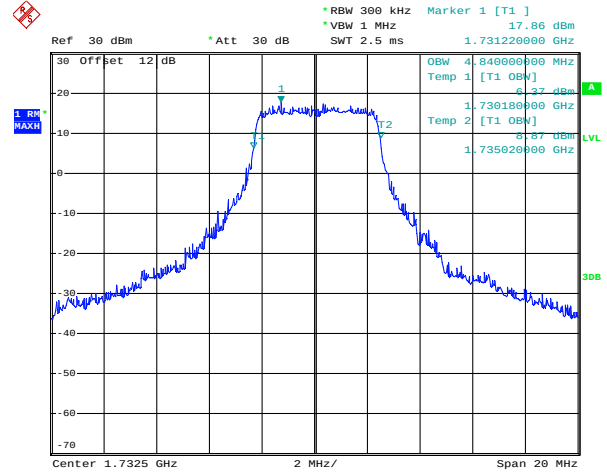
Band 4

Bandwidth 10M



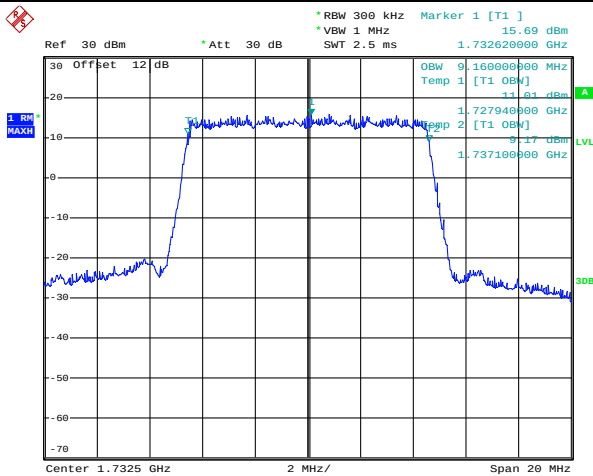
Date: 21.MAR.2012 01:25:25

25RB Size, RB Offset 13, QPSK



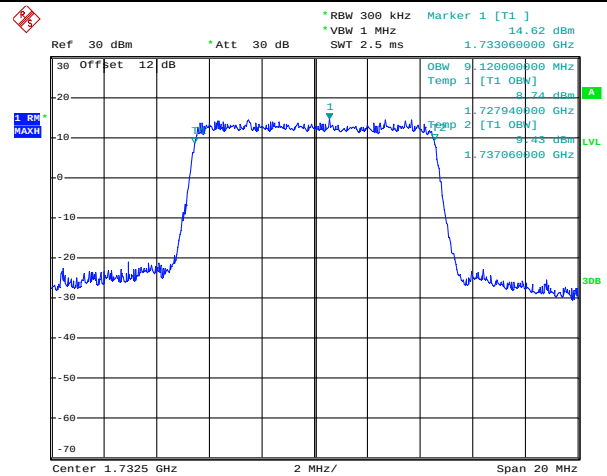
Date: 21.MAR.2012 01:25:50

25RB Size, RB Offset 13, 16QAM



Date: 21.MAR.2012 01:26:29

50RB Size, RB Offset 0, QPSK



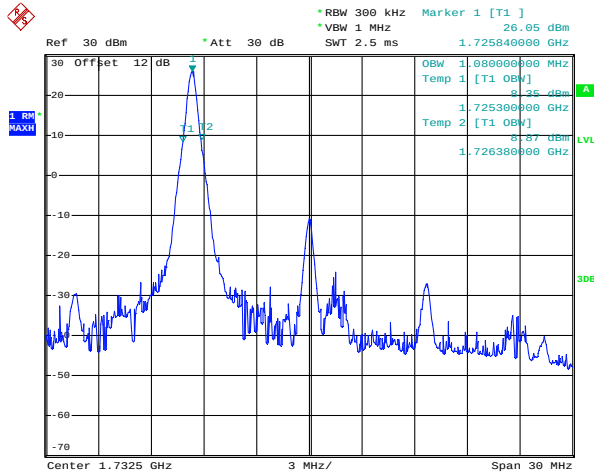
Date: 21.MAR.2012 01:26:48

50RB Size, RB Offset 0, 16QAM



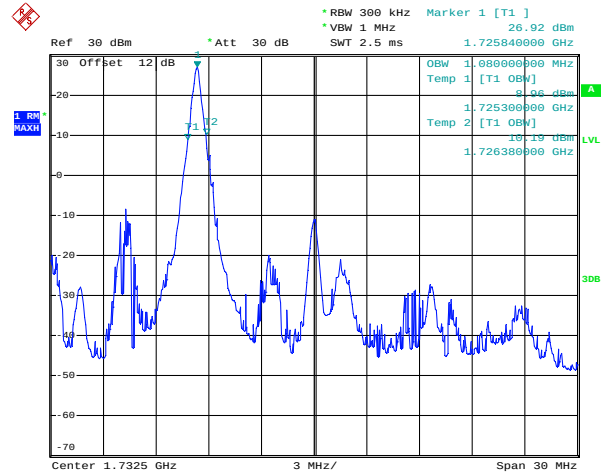
Band 4

Bandwidth 15M



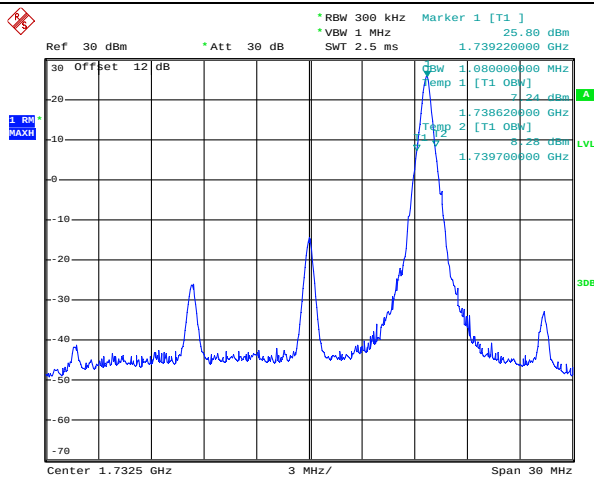
Date: 21.MAR.2012 17:28:17

1RB Size, RB Offset 0, QPSK



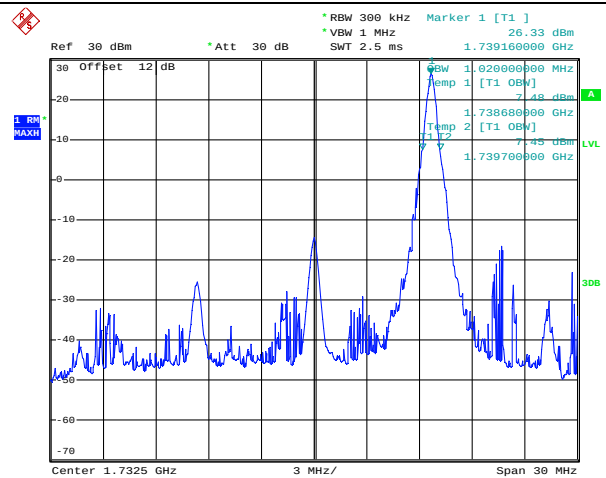
Date: 21.MAR.2012 17:29:01

1RB Size, RB Offset 0, 16QAM



Date: 21.MAR.2012 17:29:41

1RB Size, RB Offset 74, QPSK



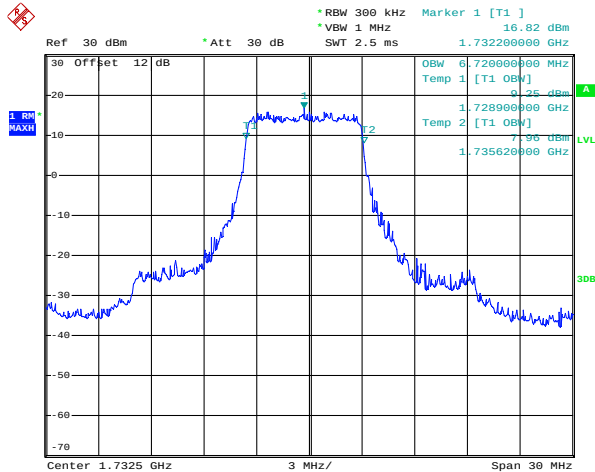
Date: 21.MAR.2012 17:29:58

1RB Size, RB Offset 74, 16QAM



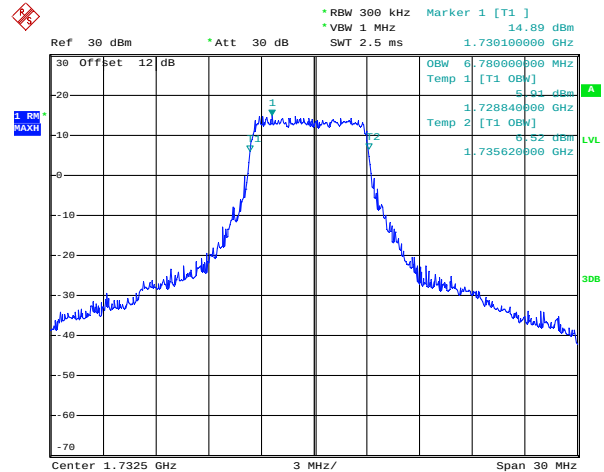
Band 4

Bandwidth 15M



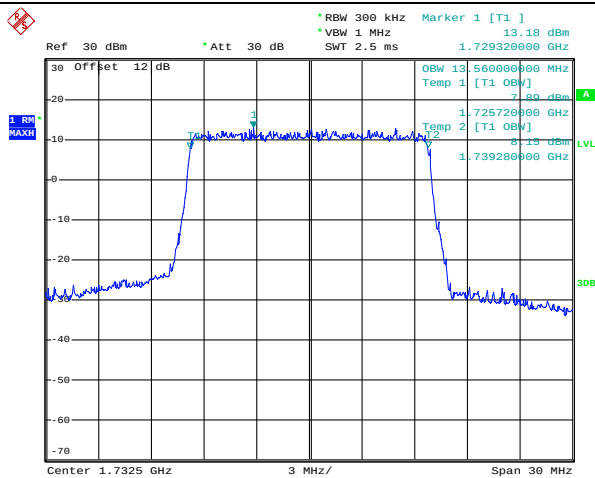
Date: 21.MAR.2012 17:32:18

36RB Size, RB Offset 18, QPSK



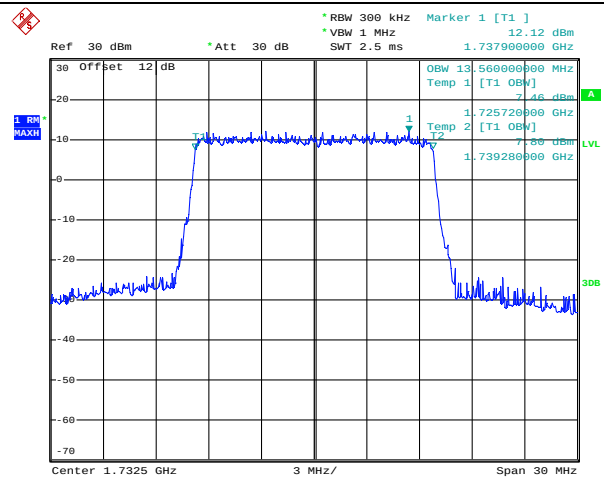
Date: 21.MAR.2012 17:32:36

36RB Size, RB Offset 18, 16QAM



Date: 21.MAR.2012 17:33:34

75RB Size, RB Offset 0, QPSK

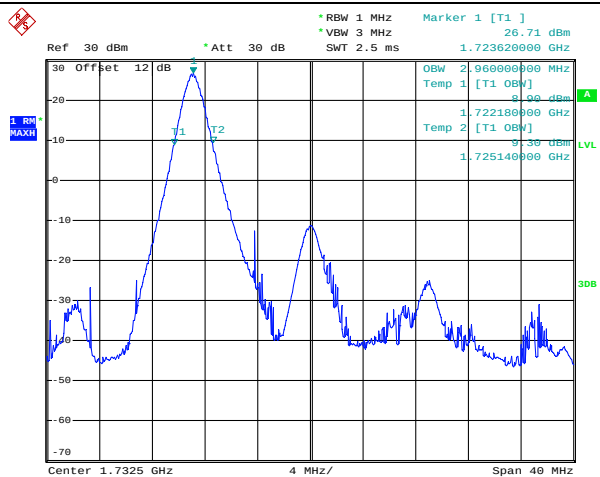


Date: 21.MAR.2012 17:33:55

75RB Size, RB Offset 0, 16QAM

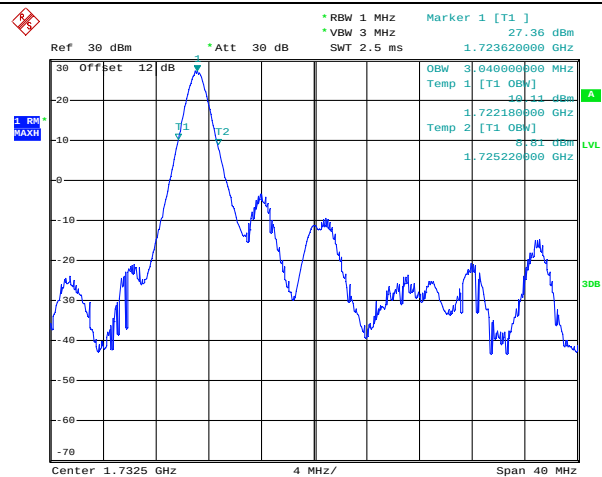
Band 4

Bandwidth 20M



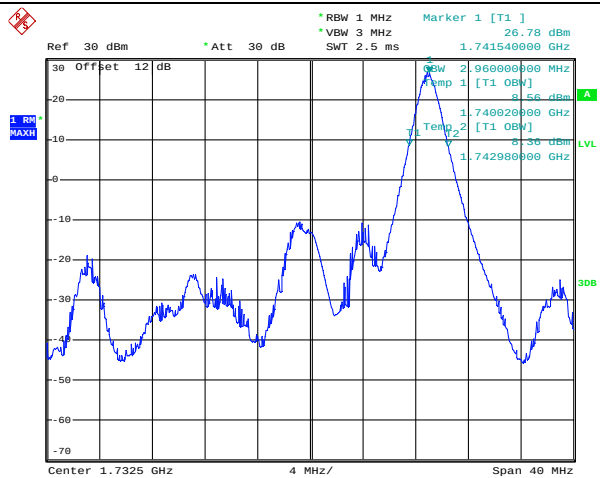
Date: 21.MAR.2012 17:37:56

1RB Size, RB Offset 0, QPSK



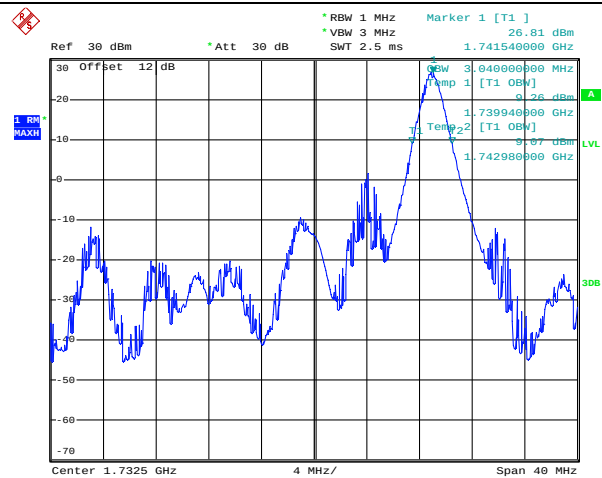
Date: 21.MAR.2012 17:39:13

1RB Size, RB Offset 0, 16QAM



Date: 21.MAR.2012 17:39:40

1RB Size, RB Offset 99, QPSK



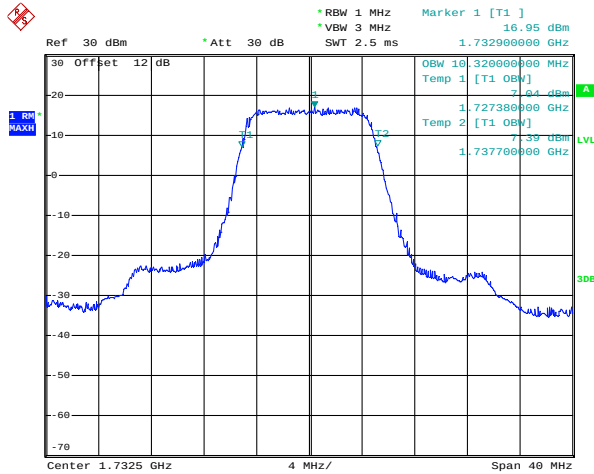
Date: 21.MAR.2012 17:40:57

1RB Size, RB Offset 99, 16QAM



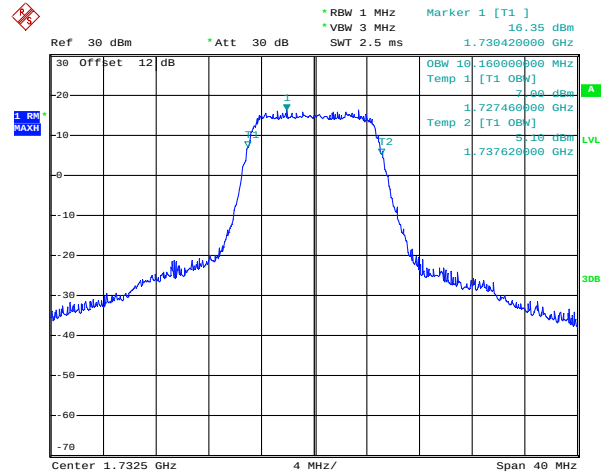
Band 4

Bandwidth 20M



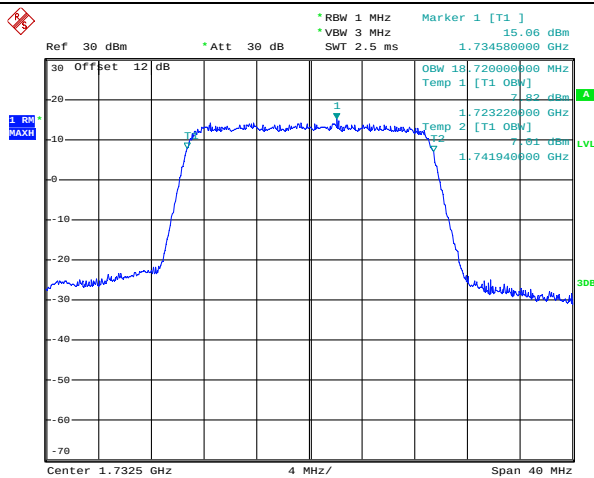
Date: 21.MAR.2012 17:42:12

50RB Size, RB Offset 25, QPSK



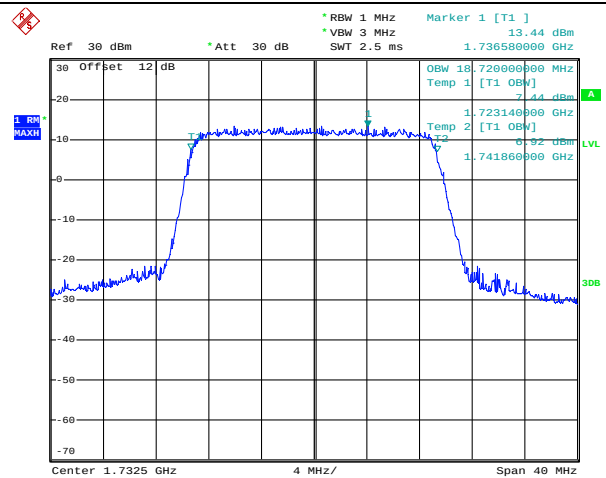
Date: 21.MAR.2012 17:42:28

50RB Size, RB Offset 25, 16QAM



Date: 21.MAR.2012 17:43:52

100RB Size, RB Offset 0, QPSK



Date: 21.MAR.2012 17:44:11

100RB Size, RB Offset 0, 16QAM