



## APPENDIX A. TEST RESULTS OF CONDUCTED TEST

### LTE Band 7

#### Conducted Output Power(Average power)

LTE Band 7 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	21.45	21.71	21.49
5	1	12		21.63	21.59	21.68
5	1	24		21.65	21.68	21.38
5	12	0		20.38	20.69	20.72
5	12	6		20.48	20.60	20.69
5	12	11		20.50	20.55	20.69
5	25	0		20.42	20.58	20.65
5	1	0	16-QAM	20.67	20.89	21.04
5	1	12		20.81	20.88	21.01
5	1	24		20.73	20.78	20.91
5	12	0		19.38	19.62	19.72
5	12	6		19.43	19.60	19.73
5	12	11		19.54	19.63	19.66
5	25	0		19.47	19.51	19.66
10	1	0	QPSK	21.58	21.59	21.81
10	1	24		21.76	21.65	21.77
10	1	49		21.71	21.69	21.67
10	25	0		20.42	20.67	20.85
10	25	12		20.48	20.56	20.73
10	25	24		20.57	20.62	20.70
10	50	0		20.48	20.65	20.74
10	1	0	16-QAM	20.77	21.06	21.26
10	1	24		20.78	20.83	20.51
10	1	49		20.97	20.86	21.02
10	25	0		19.57	19.86	19.74
10	25	12		19.55	19.64	19.77
10	25	24		19.58	19.61	19.68
10	50	0		19.52	19.58	19.69



LTE Band 7 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	21.69	21.73	21.78
15	1	37		21.66	21.48	21.66
15	1	74		21.70	21.57	21.58
15	36	0		20.55	20.77	20.78
15	36	18		20.54	20.62	20.78
15	36	37		20.67	20.57	20.73
15	75	0		20.65	20.66	20.75
15	1	0	16-QAM	20.88	21.04	21.28
15	1	37		20.89	20.79	21.07
15	1	74		20.96	20.83	21.00
15	36	0		19.67	19.72	19.77
15	36	18		19.68	19.69	19.78
15	36	37		19.69	19.56	19.72
15	75	0		19.69	19.74	19.75
20	1	0	QPSK	21.57	21.71	21.75
20	1	49		21.82	21.75	21.90
20	1	99		21.80	21.62	21.69
20	50	0		20.57	20.75	20.86
20	50	24		20.63	20.64	20.85
20	50	49		20.61	20.65	20.77
20	100	0		20.53	20.60	20.80
20	1	0	16-QAM	20.84	21.00	21.35
20	1	49		20.81	20.88	21.36
20	1	99		20.85	20.90	21.02
20	50	0		19.73	19.71	19.83
20	50	24		19.76	19.71	19.85
20	50	49		19.73	19.54	19.68
20	100	0		19.61	19.67	19.78



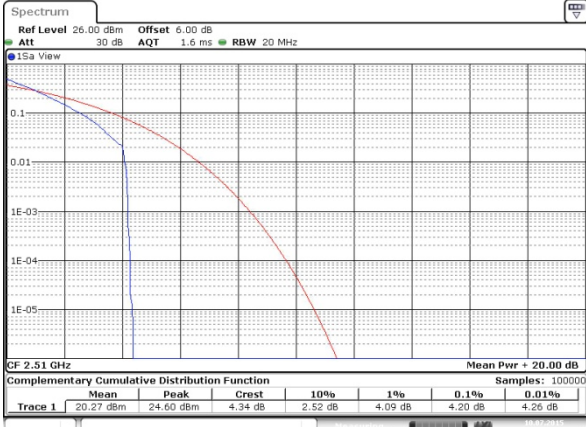
### Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	RB Size	Result
Lowest CH	4.20	4.99	5.10	5.91	<b>PASS</b>
Middle CH	4.14	4.84	5.19	5.83	
Highest CH	4.20	4.84	5.25	5.80	



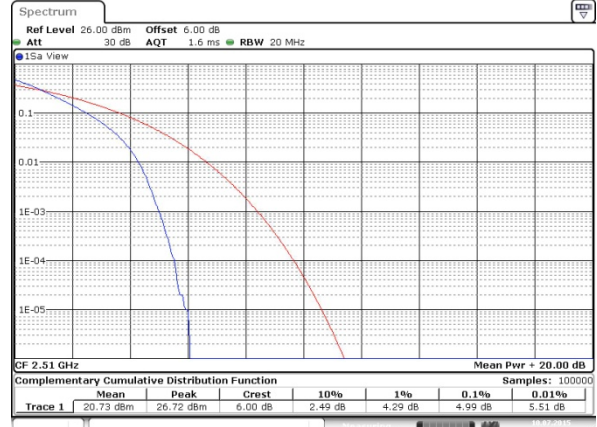
LTE Band 7 / 20MHz / QPSK

Lowest Channel / 1RB



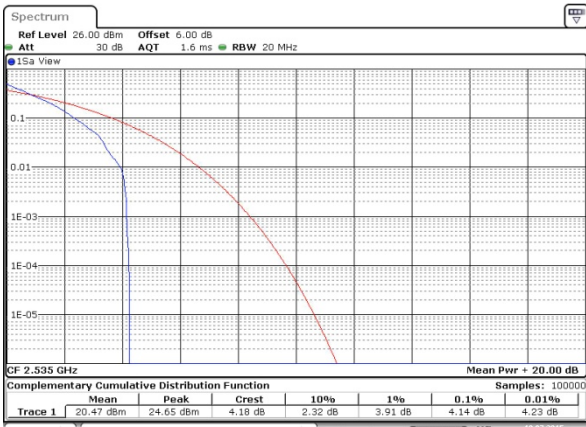
Date: 10 JUL 2015 02:39:20

Lowest Channel / Full RB



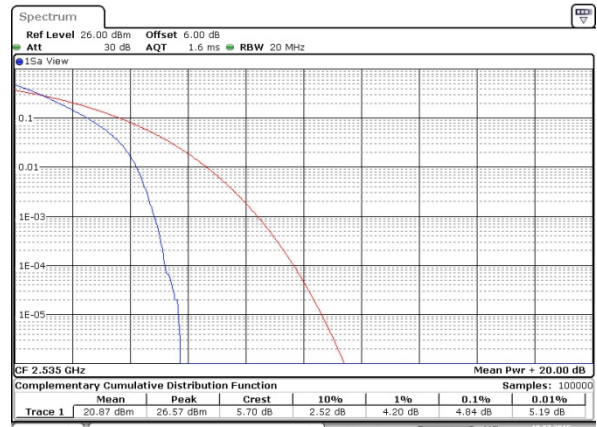
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Middle Channel / 1RB



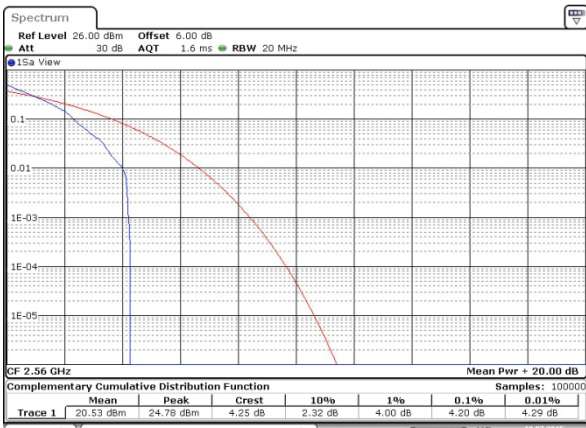
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Middle Channel / Full RB



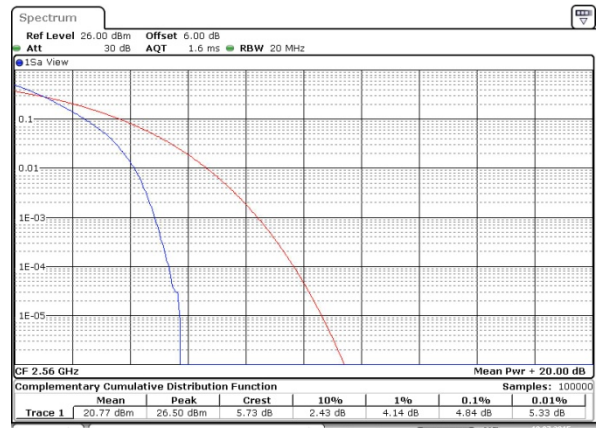
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Highest Channel / 1RB



Date: 10 JUL 2015 02:40:04

Highest Channel / Full RB

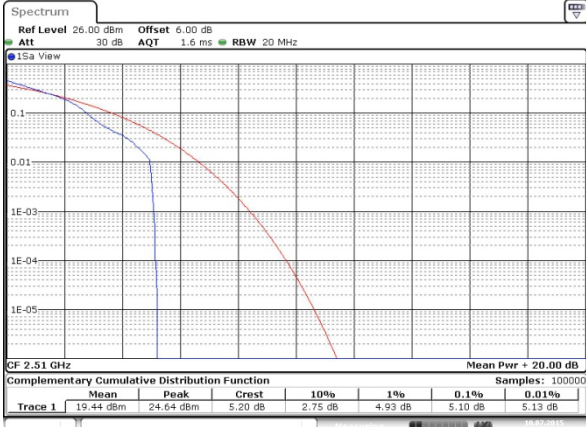


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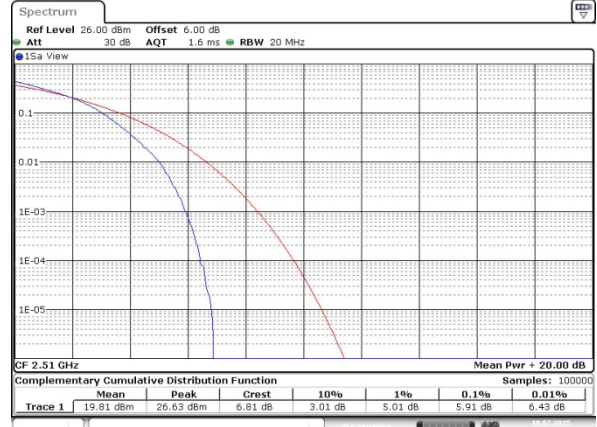
LTE Band 7 / 20MHz / 16QAM

Lowest Channel / 1RB



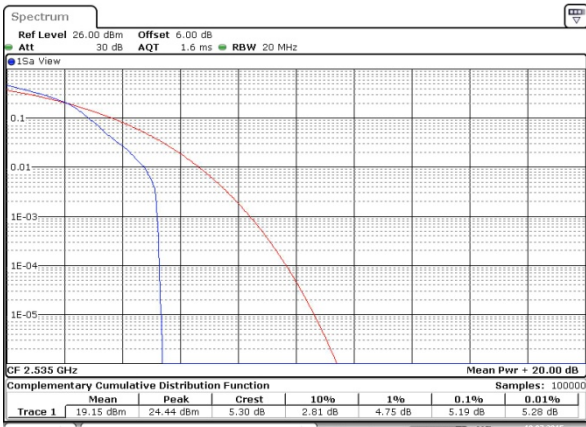
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Lowest Channel / Full RB



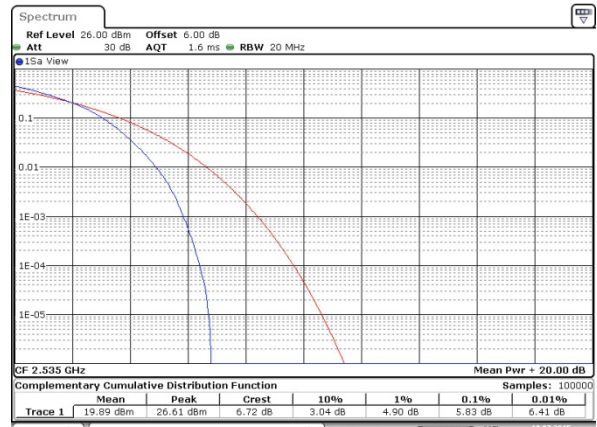
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Middle Channel / 1RB



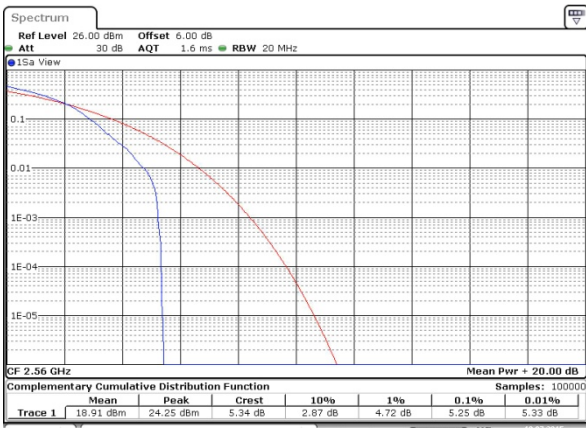
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Middle Channel / Full RB



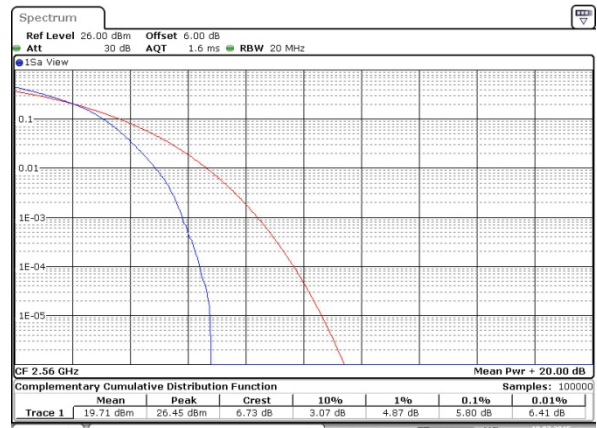
Date: 10 JUL 2015 02:38:48

Highest Channel / 1RB



Date: 10 JUL 2015 02:38:59

Highest Channel / Full RB



Date: 10 JUL 2015 02:39:10



**26dB Bandwidth**

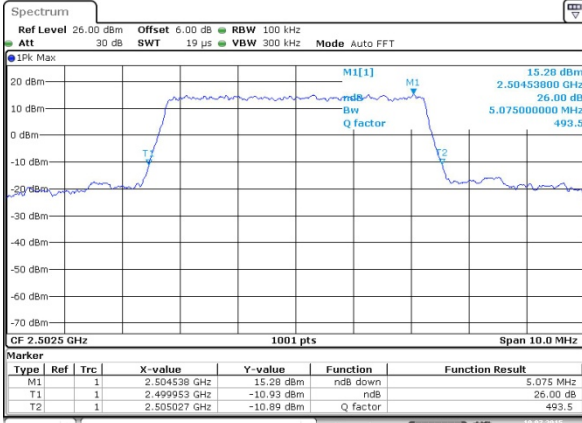
Mode	LTE Band 7 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW												
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	5.08	5.09	10.01	9.99	14.81	14.87	20.38	20.3
Middle CH	-	-	-	-	5.08	5.08	10.05	9.95	14.78	14.63	20.46	20.26
Highest CH	-	-	-	-	5.07	5.05	10.07	9.97	14.72	14.66	20.22	20.3





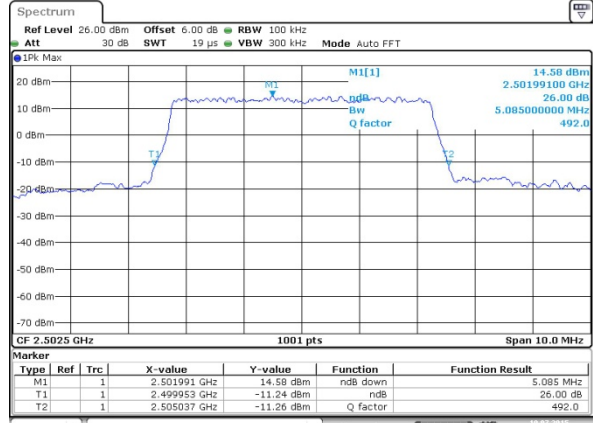
LTE Band 7

Lowest Channel / 5MHz / QPSK



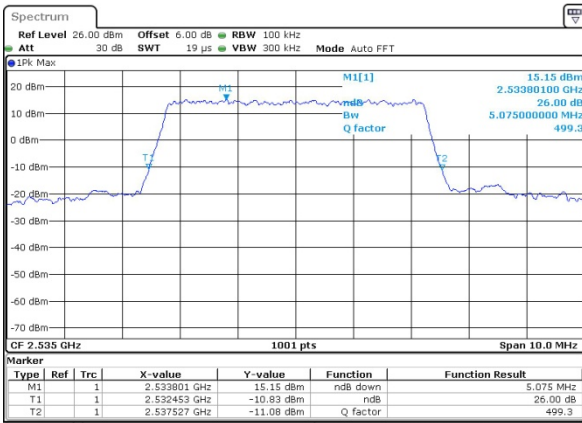
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Lowest Channel / 5MHz / 16QAM



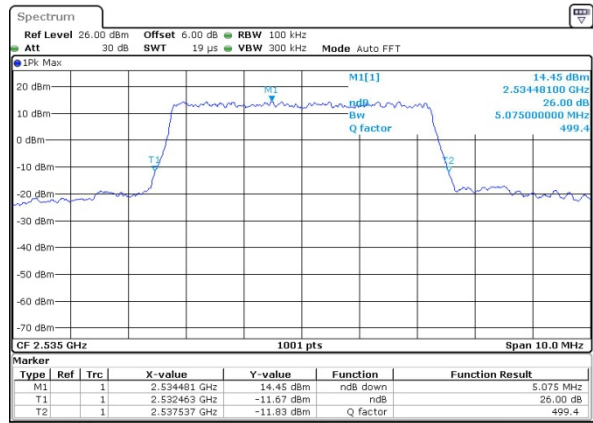
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Middle Channel / 5MHz / QPSK



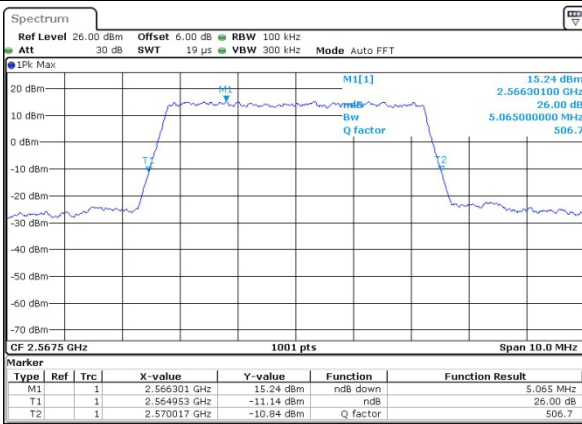
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Middle Channel / 5MHz / 16QAM



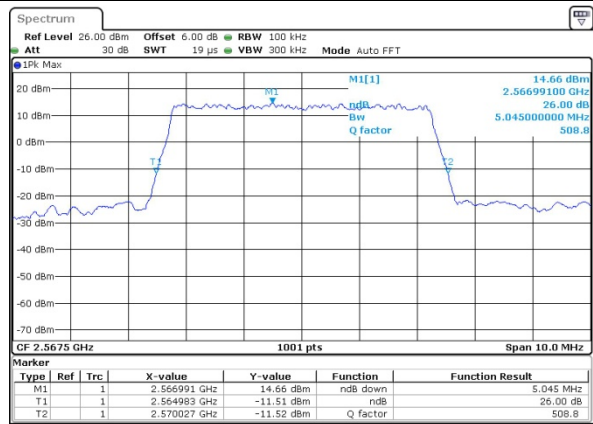
Date: 10 JUL 2015 01:29:59

Highest Channel / 5MHz / QPSK



Date: 10 JUL 2015 01:32:52

Highest Channel / 5MHz / 16QAM

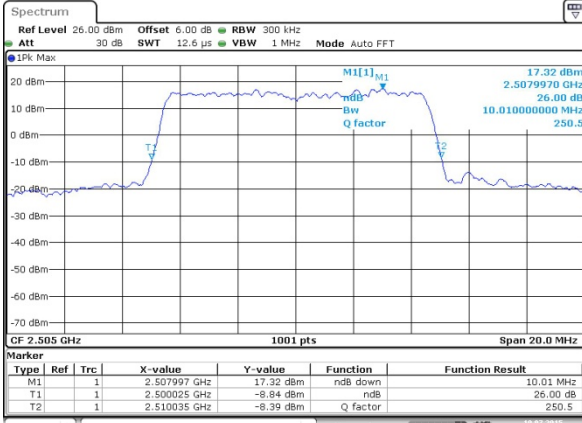


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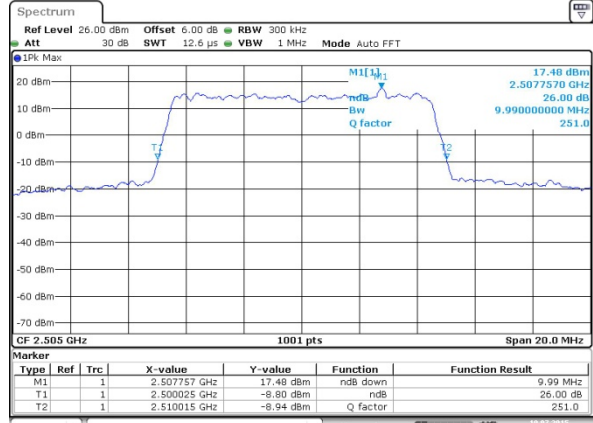
LTE Band 7

Lowest Channel / 10MHz / QPSK



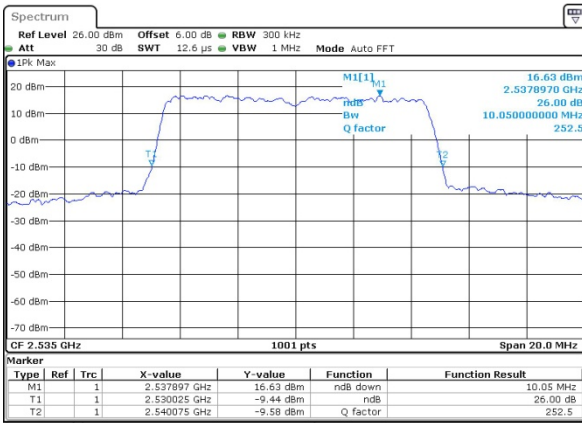
Date: 10 JUL 2015 01:40:32

Lowest Channel / 10MHz / 16QAM



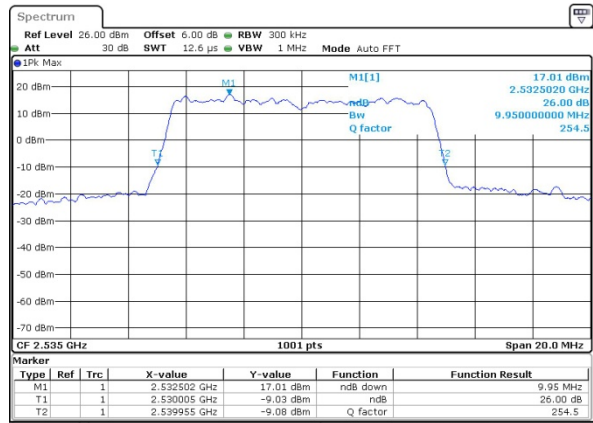
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Middle Channel / 10MHz / QPSK



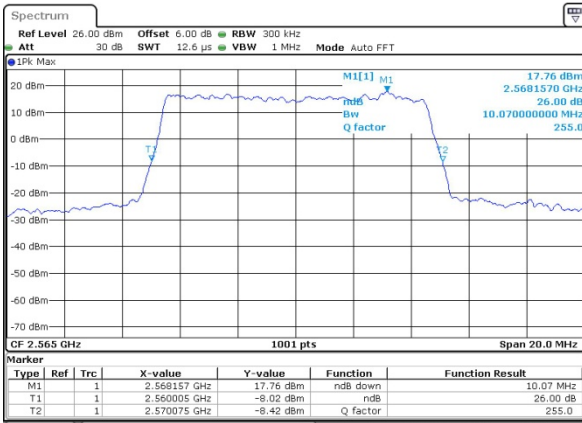
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Middle Channel / 10MHz / 16QAM



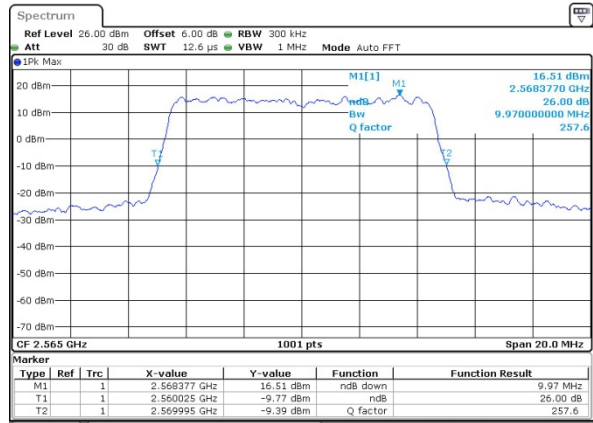
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Highest Channel / 10MHz / QPSK



Date: 10 JUL 2015 01:51:17

Highest Channel / 10MHz / 16QAM



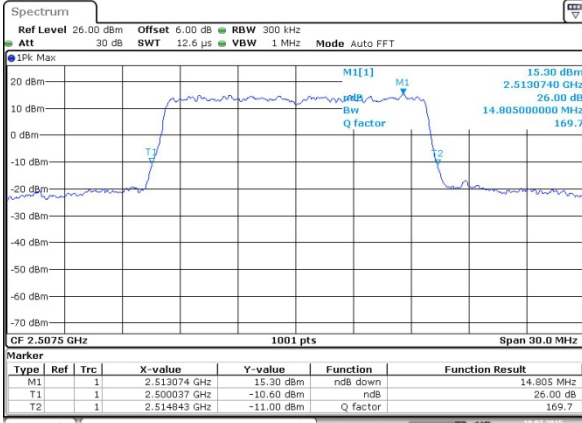
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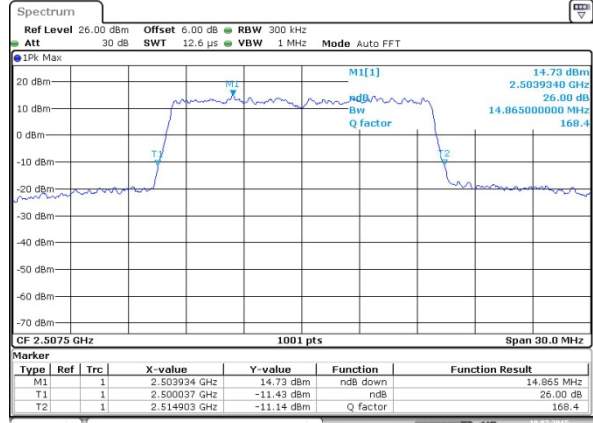
LTE Band 7

Lowest Channel / 15MHz / QPSK



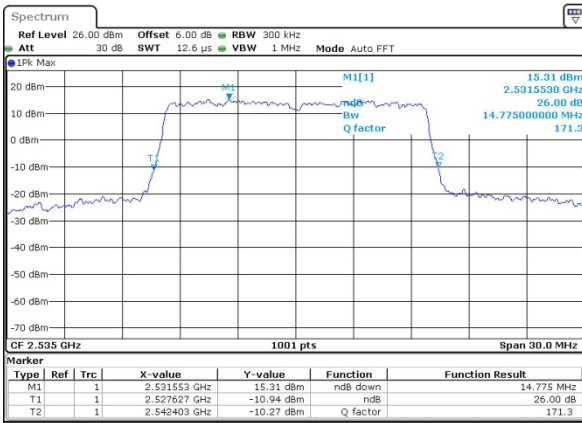
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Lowest Channel / 15MHz / 16QAM



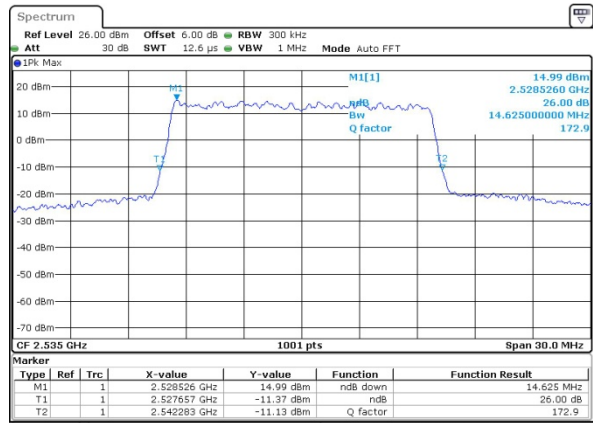
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Middle Channel / 15MHz / QPSK



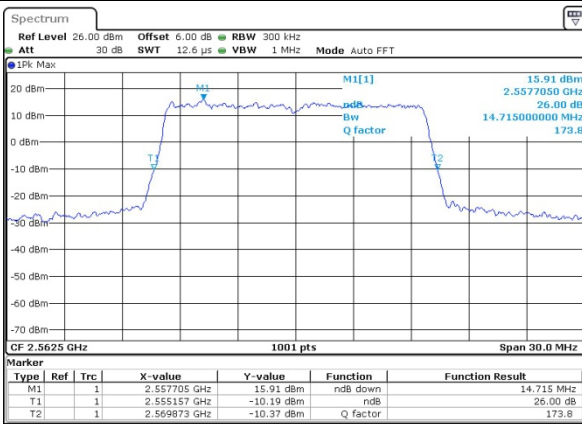
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Middle Channel / 15MHz / 16QAM



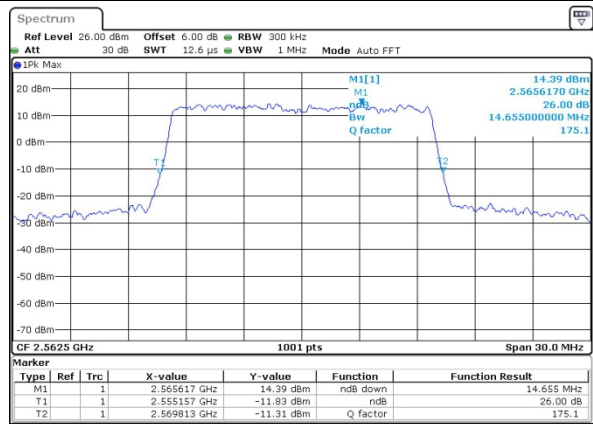
Date: 10 JUL 2015 02:06:50

Highest Channel / 15MHz / QPSK



Date: 10 JUL 2015 02:09:43

Highest Channel / 15MHz / 16QAM

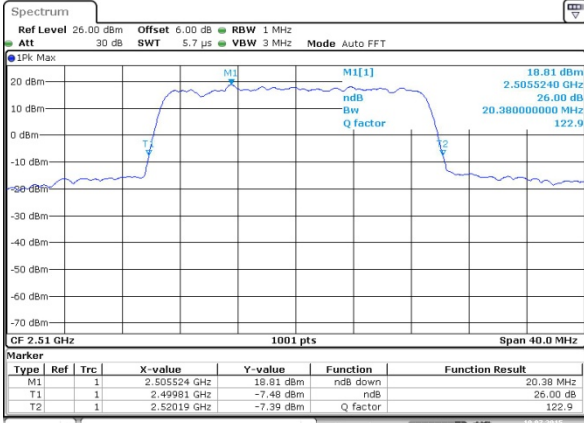


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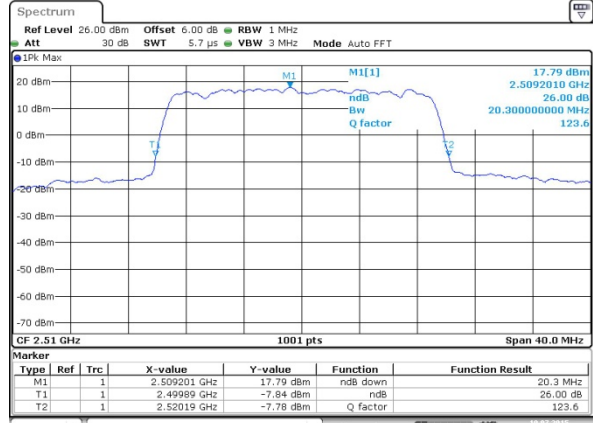
LTE Band 7

Lowest Channel / 20MHz / QPSK



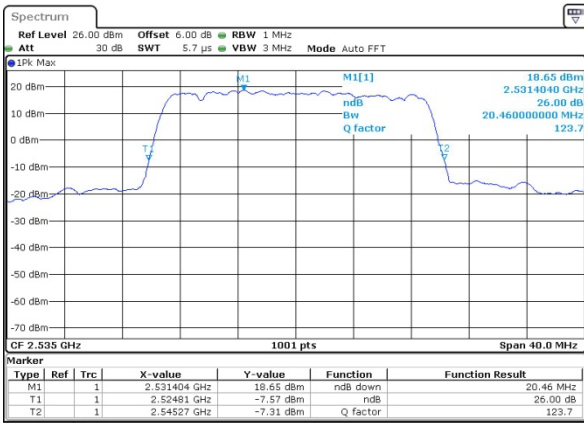
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Lowest Channel / 20MHz / 16QAM



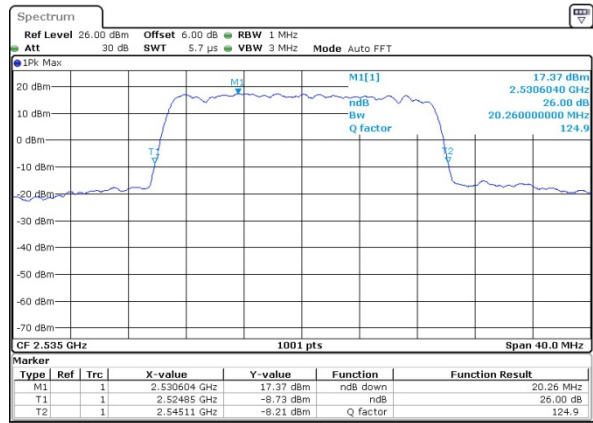
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Middle Channel / 20MHz / QPSK



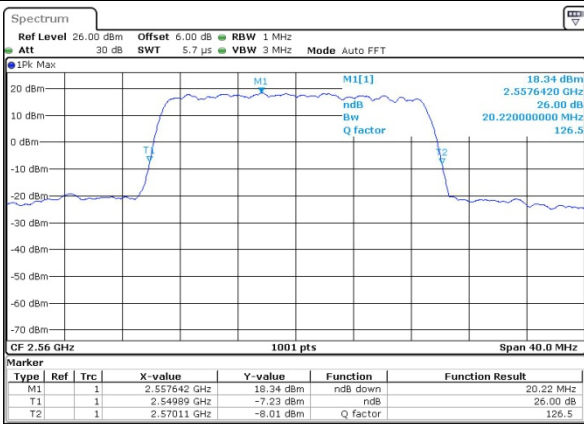
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Middle Channel / 20MHz / 16QAM



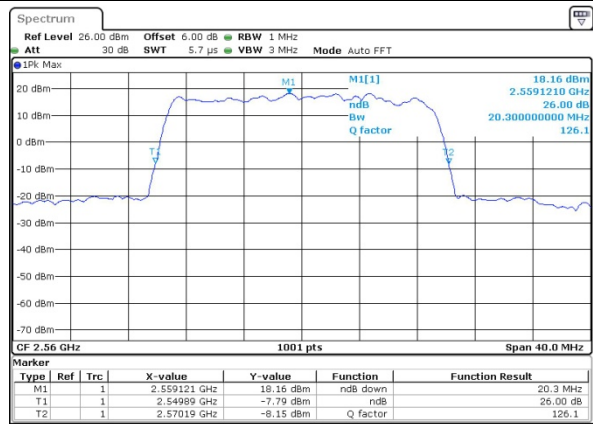
Date: 10 JUL 2015 02:25:15

Highest Channel / 20MHz / QPSK



Date: 10 JUL 2015 02:28:08

Highest Channel / 20MHz / 16QAM



Date: 10 JUL 2015 02:28:21