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

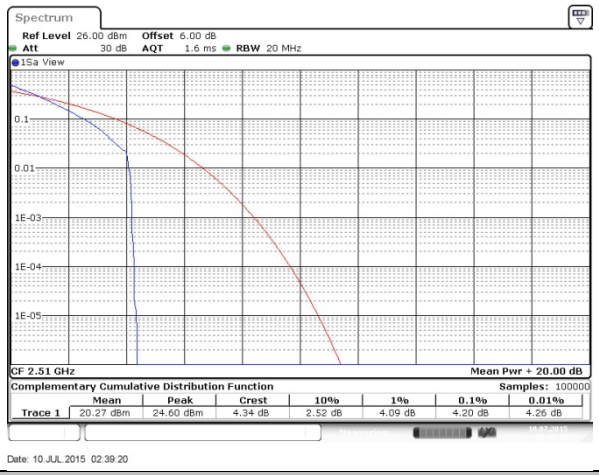
LTE Band 7 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	21.69	21.73	21.78
15	1	37		21.66	21.48	21.66
15	1	74		21.70	21.57	21.58
15	36	0		20.55	20.77	20.78
15	36	18		20.54	20.62	20.78
15	36	37		20.67	20.57	20.73
15	75	0		20.65	20.66	20.75
15	1	0	16-QAM	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

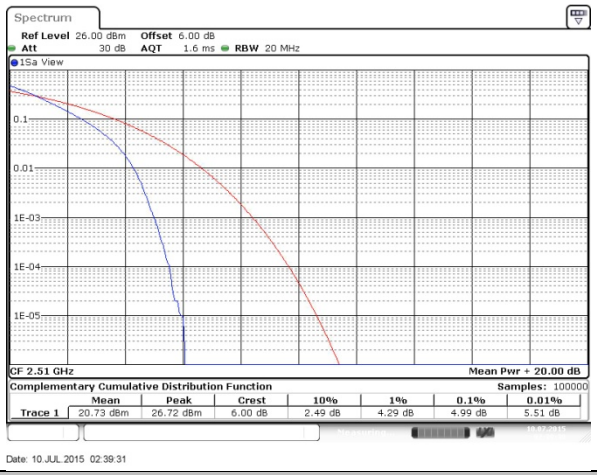
Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	RB Size	Result
Lowest CH	4.20	4.99	5.10	5.91	PASS
Middle CH	4.14	4.84	5.19	5.83	
Highest CH	4.20	4.84	5.25	5.80	

LTE Band 7 / 20MHz / QPSK

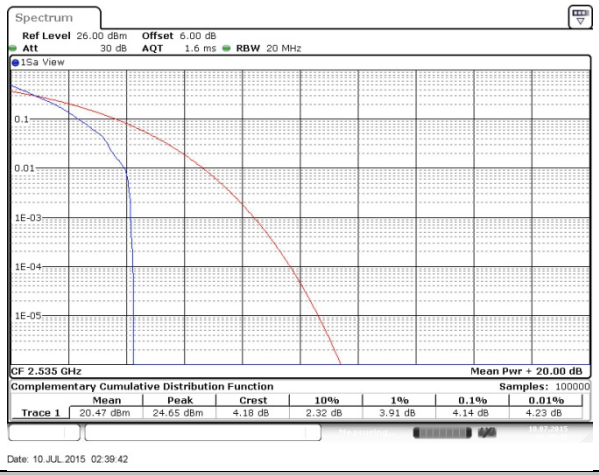
Lowest Channel / 1RB



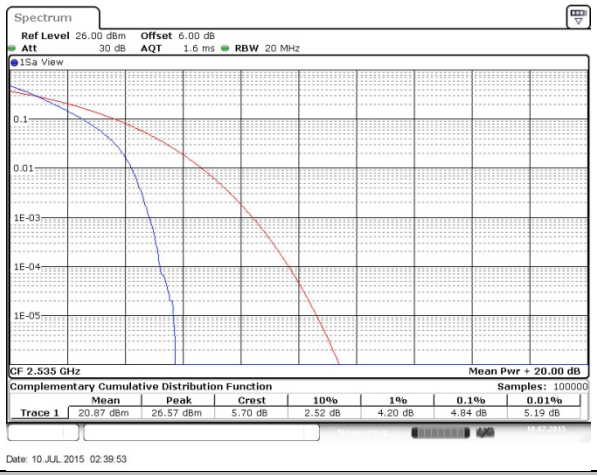
Lowest Channel / Full RB



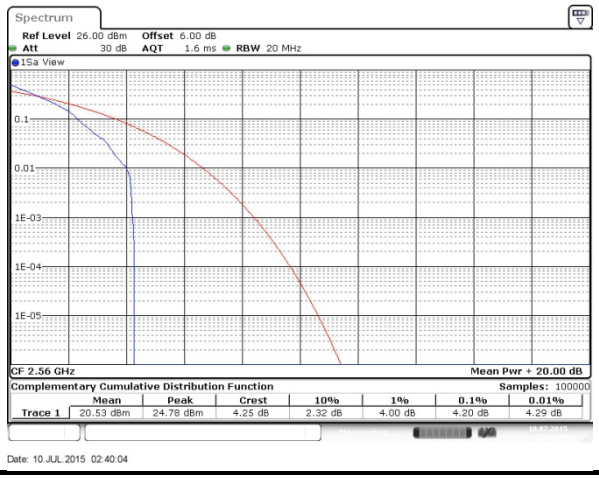
Middle Channel / 1RB



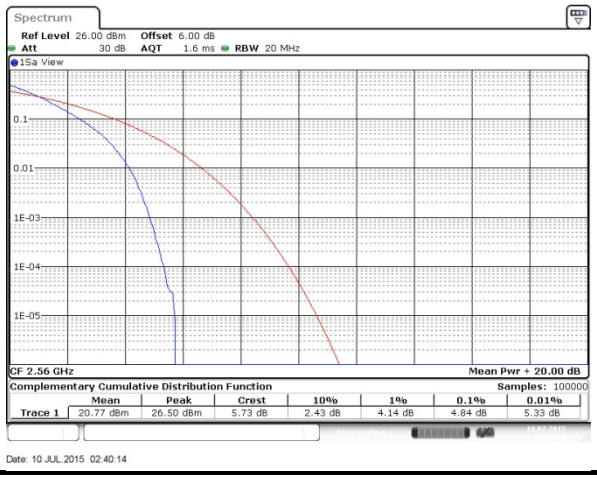
Middle Channel / Full RB



Highest Channel / 1RB

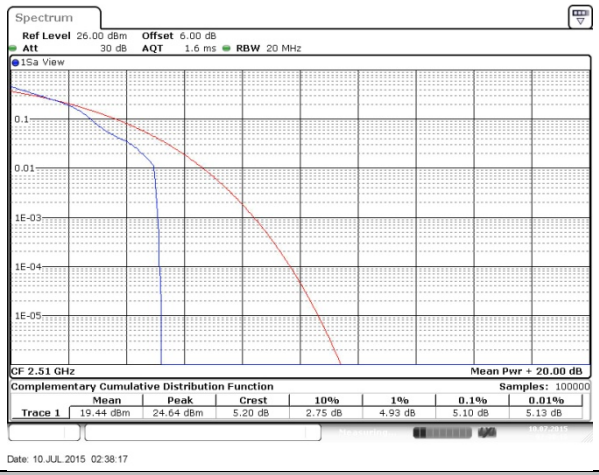


Highest Channel / Full RB

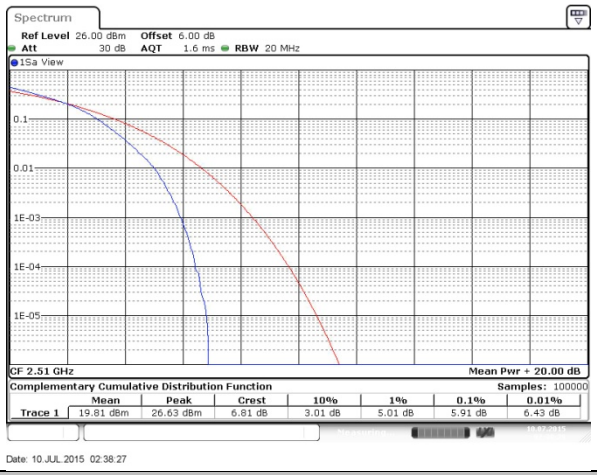


LTE Band 7 / 20MHz / 16QAM

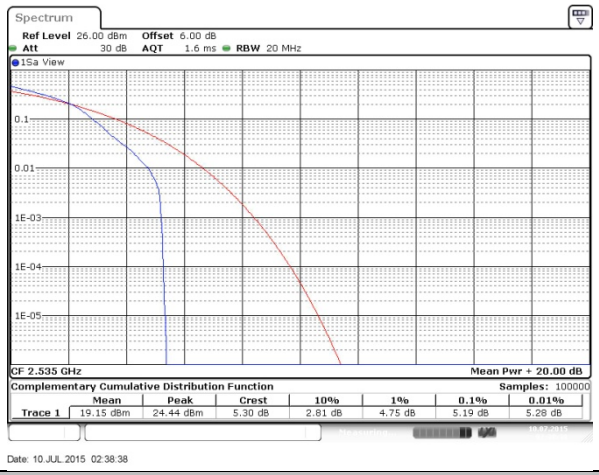
Lowest Channel / 1RB



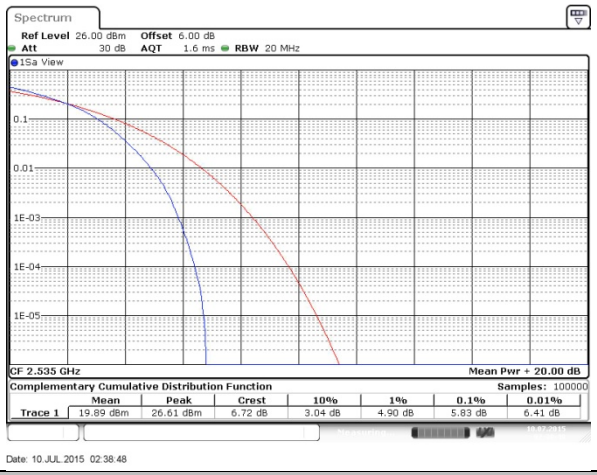
Lowest Channel / Full RB



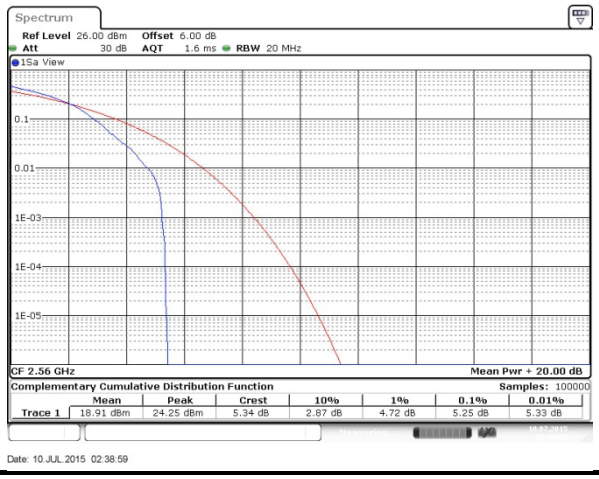
Middle Channel / 1RB



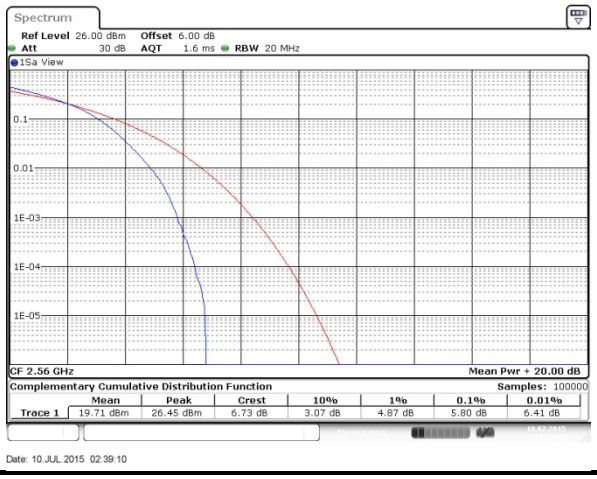
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB

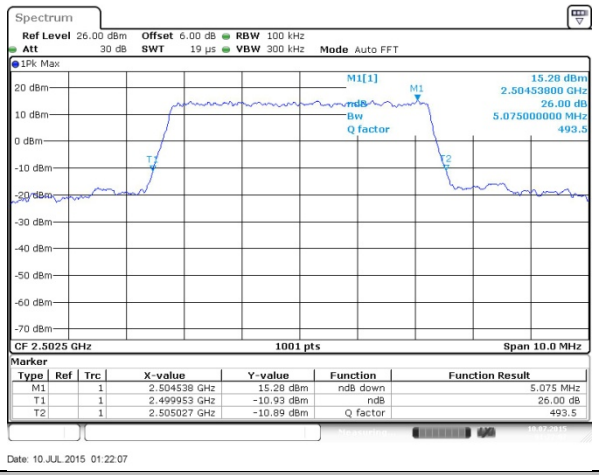


26dB Bandwidth

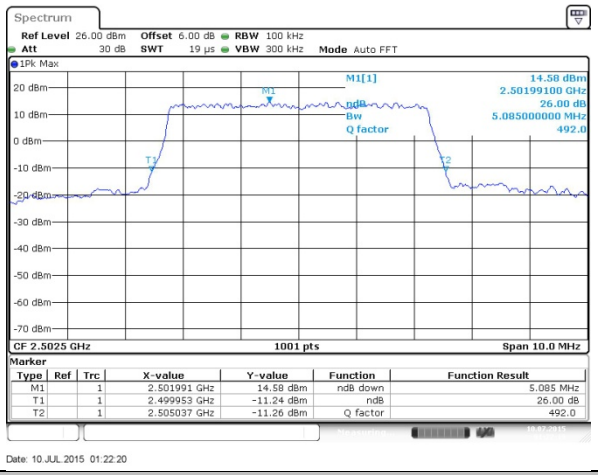
Mode	LTE Band 7 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	5.08	5.09	10.01	9.99	14.81	14.87	20.38	20.3
Middle CH	-	-	-	-	5.08	5.08	10.05	9.95	14.78	14.63	20.46	20.26
Highest CH	-	-	-	-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

LTE Band 7

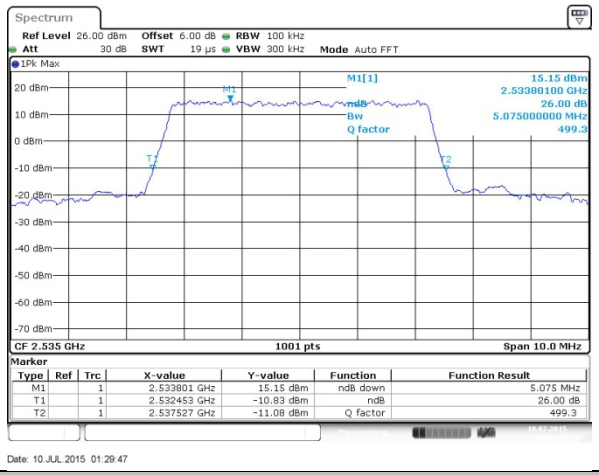
Lowest Channel / 5MHz / QPSK



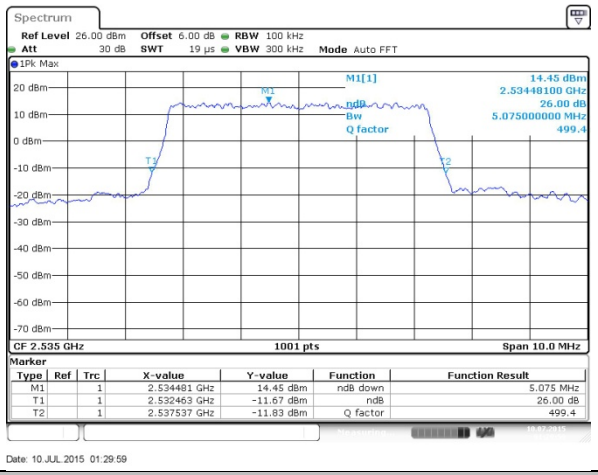
Lowest Channel / 5MHz / 16QAM



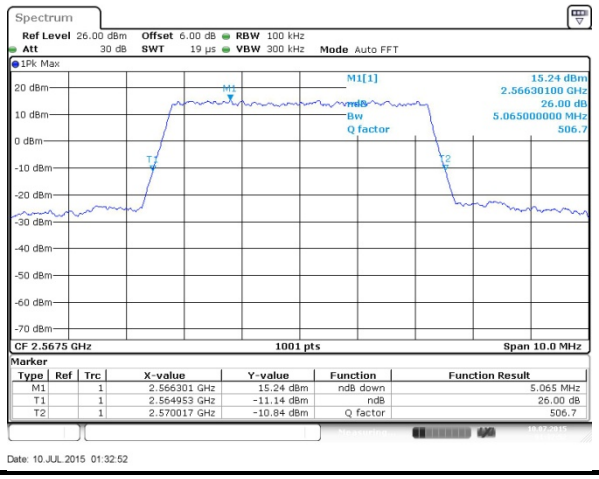
Middle Channel / 5MHz / QPSK



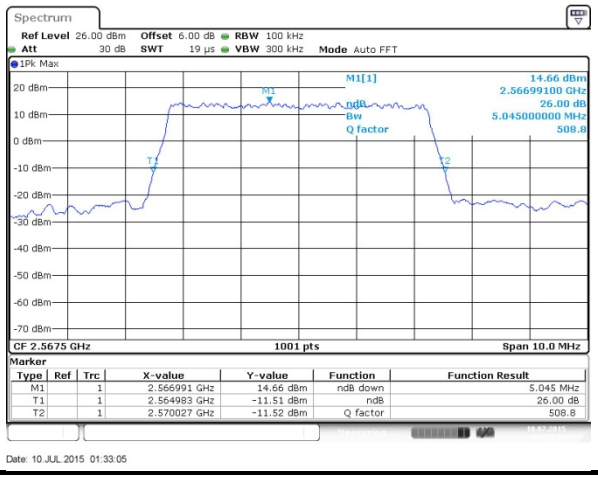
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

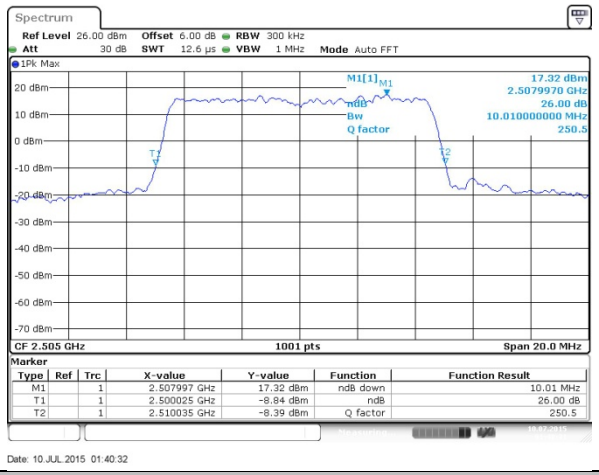


Highest Channel / 5MHz / 16QAM

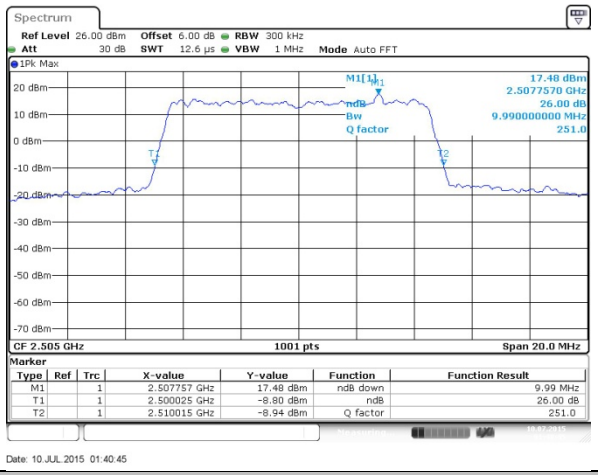


LTE Band 7

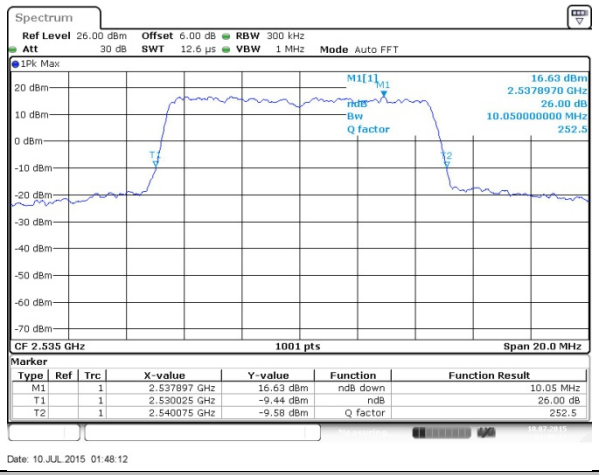
Lowest Channel / 10MHz / QPSK



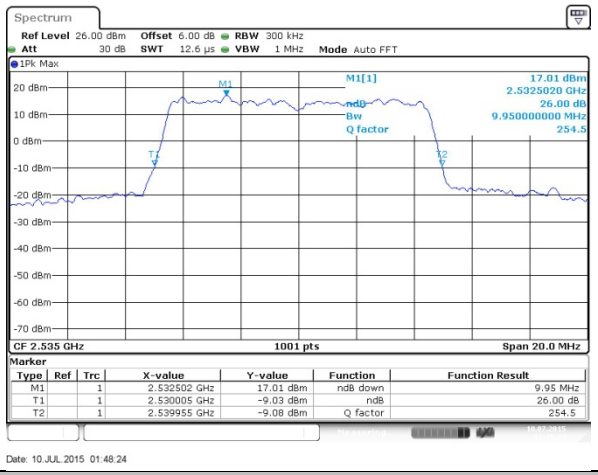
Lowest Channel / 10MHz / 16QAM



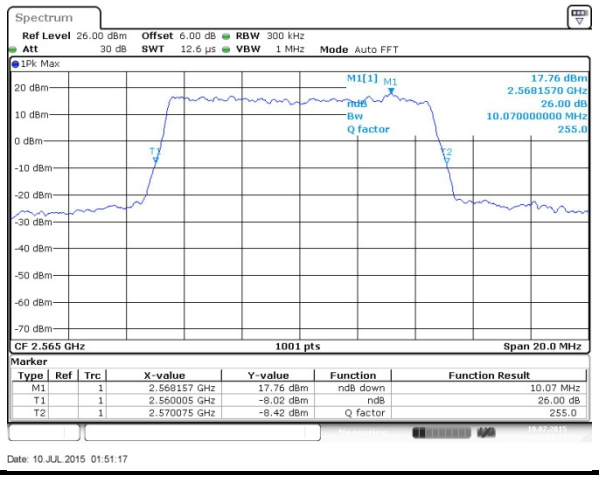
Middle Channel / 10MHz / QPSK



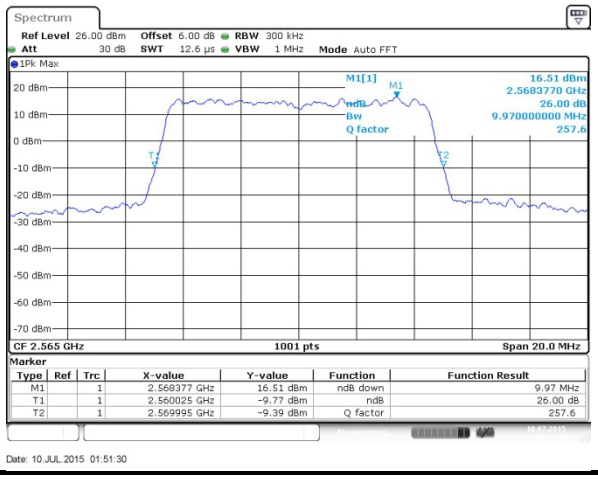
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

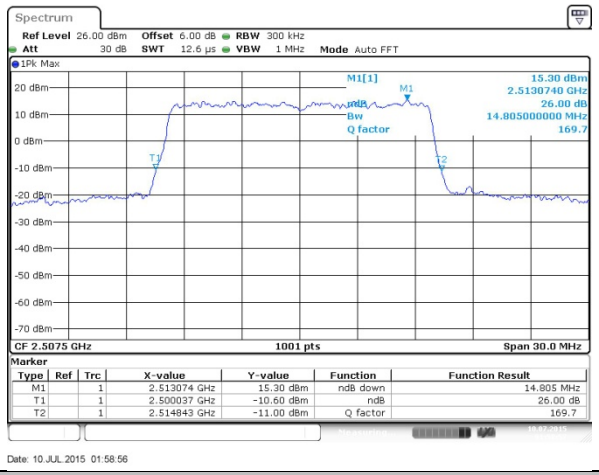


Highest Channel / 10MHz / 16QAM

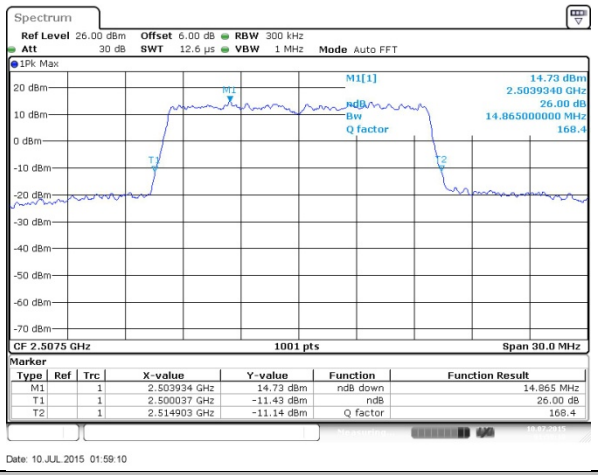


LTE Band 7

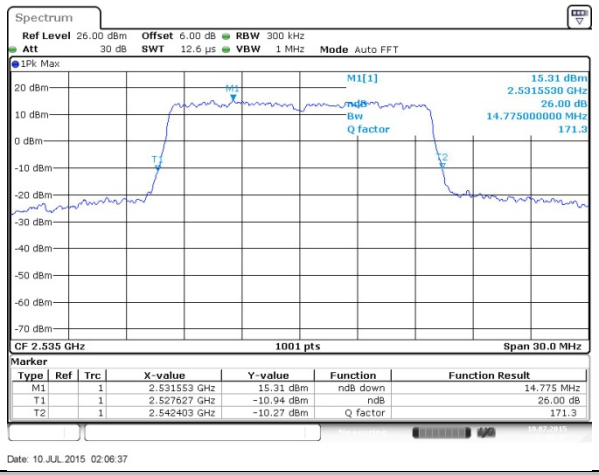
Lowest Channel / 15MHz / QPSK



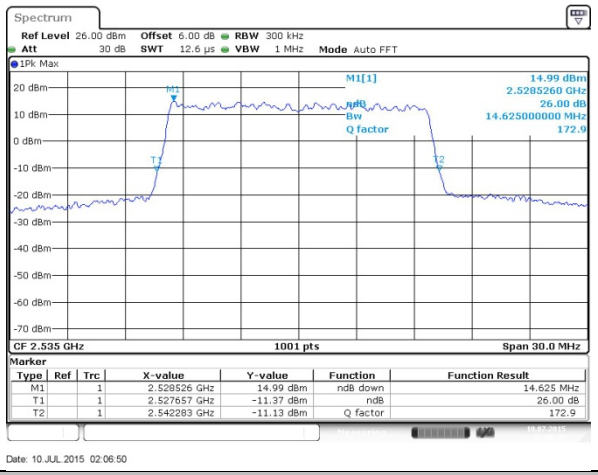
Lowest Channel / 15MHz / 16QAM



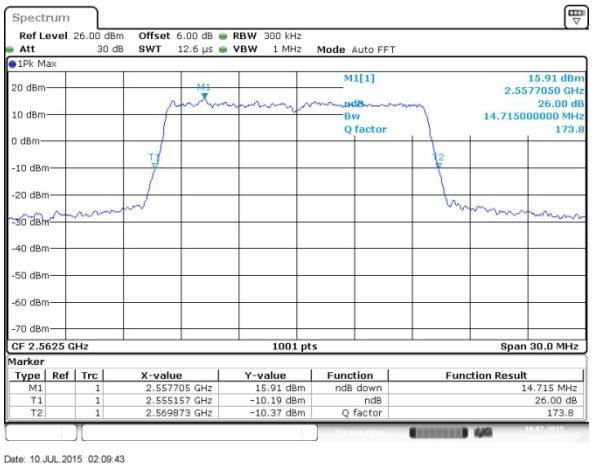
Middle Channel / 15MHz / QPSK



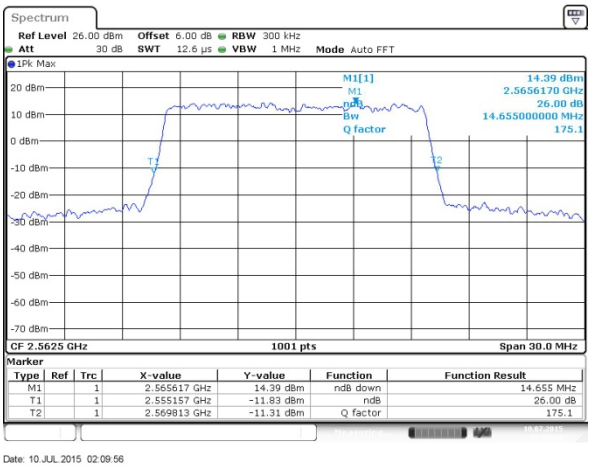
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

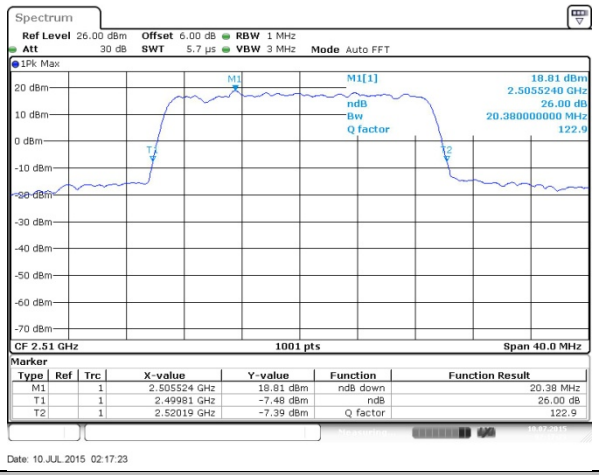


Highest Channel / 15MHz / 16QAM

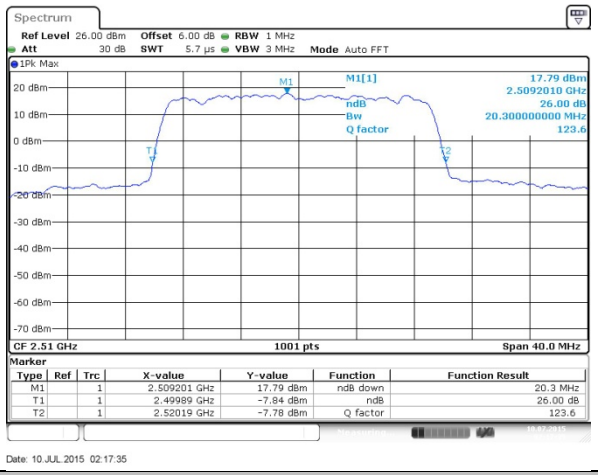


LTE Band 7

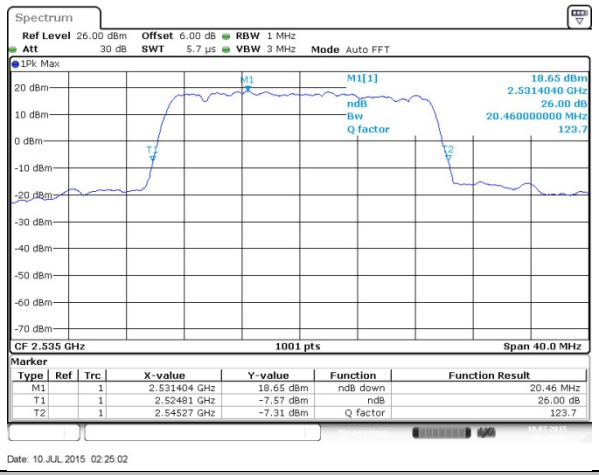
Lowest Channel / 20MHz / QPSK



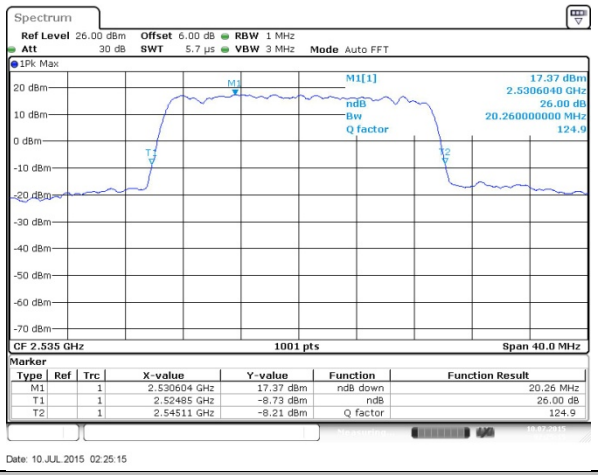
Lowest Channel / 20MHz / 16QAM



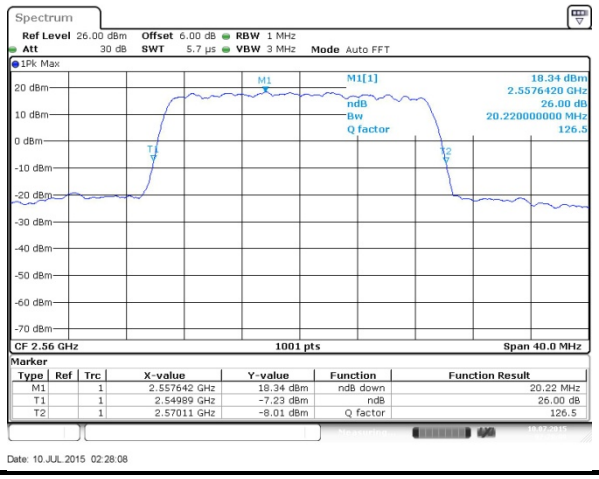
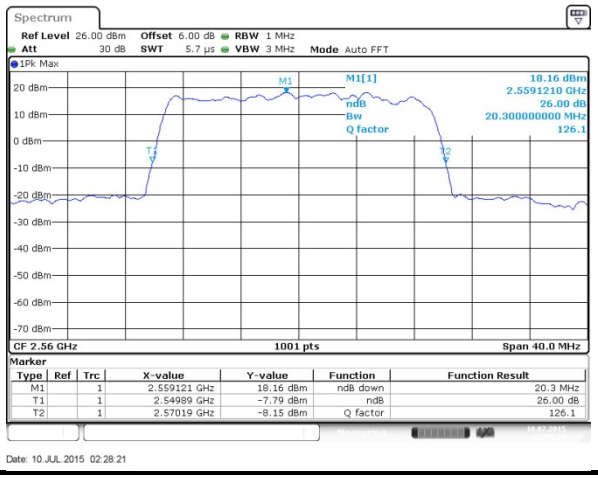
Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM