LTE Band 4 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	19.80	19.76	20.03
1.4	1	3		19.82	19.80	20.05
1.4	1	5		19.83	19.88	20.04
1.4	3	0		19.74	19.66	19.83
1.4	3	1		19.85	19.73	19.96
1.4	3	3		19.79	19.84	19.95
1.4	6	0		19.73	19.66	19.88
1.4	1	0	16-QAM	20.07	20.05	20.28
1.4	1	3		20.04	20.02	20.26
1.4	1	5		20.10	20.07	20.31
1.4	3	0		19.78	19.78	19.92
1.4	3	1		19.82	19.79	20.01
1.4	3	3		19.84	19.91	20.06
1.4	6	0		19.83	19.78	19.96
3	1	0	QPSK	19.80	19.80	19.79
3	1	8		20.10	20.06	19.92
3	1	14		19.82	19.78	19.95
3	8	0		19.80	19.75	19.86
3	8	4		19.85	19.85	19.87
3	8	7		19.84	19.79	19.85
3	15	0		19.83	19.81	19.87
3	1	0	16-QAM	19.97	19.98	20.01
3	1	8		20.17	20.21	**20.39**
3	1	14		20.13	20.02	20.22
3	8	0		19.86	19.81	19.93
3	8	4		19.92	19.88	19.91
3	8	7		19.89	19.84	19.90
3	15	0		19.84	19.84	19.89

LTE Band 4 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	19.85	19.88	19.91
5	1	12		19.90	19.83	19.86
5	1	24		19.85	19.78	19.98
5	12	0		19.82	19.74	19.80
5	12	7		19.89	19.75	19.89
5	12	13		19.83	19.77	19.88
5	25	0		19.83	19.84	19.86
5	1	0	16-QAM	20.13	20.13	20.18
5	1	12		20.22	20.25	20.35
5	1	24		20.23	20.12	20.34
5	12	0		19.81	19.78	19.82
5	12	7		19.85	19.72	19.85
5	12	13		19.83	19.79	19.87
5	25	0		19.85	19.86	19.85
10	1	0	QPSK	19.98	19.92	19.85
10	1	25		19.91	19.85	19.87
10	1	49		19.81	19.80	19.85
10	25	0		19.89	19.84	19.80
10	25	12		19.88	19.74	19.80
10	25	25		19.79	19.77	19.75
10	50	0		19.84	19.77	19.83
10	1	0	16-QAM	20.19	20.16	20.16
10	1	25		20.15	19.98	20.03
10	1	49		20.04	20.02	20.23
10	25	0		19.88	19.86	19.81
10	25	12		19.88	19.75	19.80
10	25	25		19.84	19.75	19.74
10	50	0		19.86	19.76	19.84

LTE Band 4 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	20.01	19.86	19.88
15	1	37		19.89	19.71	19.59
15	1	74		19.68	19.62	19.80
15	36	0		19.95	19.87	19.80
15	36	20		19.95	19.84	19.91
15	36	39		19.75	19.80	19.87
15	75	0		19.89	19.83	19.81
15	1	0	16-QAM	20.30	20.14	20.14
15	1	37		20.14	20.14	20.06
15	1	74		19.95	19.93	20.09
15	36	0		19.97	19.83	19.79
15	36	20		19.93	19.79	19.85
15	36	39		19.75	19.81	19.86
15	75	0		19.88	19.84	19.81
20	1	0	QPSK	20.15	20.04	20.02
20	1	49		19.77	19.75	19.74
20	1	99		19.65	19.66	19.72
20	50	0		19.94	19.90	19.80
20	50	24		19.85	19.86	19.84
20	50	50		19.72	19.79	19.87
20	100	0		19.81	19.83	19.85
20	1	0	16-QAM	20.33	20.20	20.15
20	1	49		20.04	19.99	19.97
20	1	99		19.89	19.89	19.98
20	50	0		19.96	19.89	19.80
20	50	24		19.87	19.85	19.85
20	50	50		19.70	19.77	19.87
20	100	0		19.82	19.84	19.87

LTE Band 5 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	23.09	22.91	23.05
1.4	1	3		23.03	22.83	23.02
1.4	1	5		23.02	22.87	23.00
1.4	3	0		22.89	22.84	22.91
1.4	3	1		22.95	22.79	22.95
1.4	3	3		22.98	22.78	22.97
1.4	6	0		21.84	21.73	21.85
1.4	1	0	16-QAM	22.26	22.17	22.33
1.4	1	3		22.19	22.12	22.20
1.4	1	5		22.25	22.06	22.31
1.4	3	0		21.92	21.87	21.93
1.4	3	1		21.89	21.74	21.88
1.4	3	3		21.95	21.79	21.98
1.4	6	0		20.90	20.79	20.91
3	1	0	QPSK	22.80	22.91	23.06
3	1	8		22.78	22.85	23.02
3	1	14		22.76	22.63	22.79
3	8	0		21.72	21.68	21.75
3	8	4		21.78	21.62	21.71
3	8	7		21.77	21.59	21.76
3	15	0		21.75	21.61	21.79
3	1	0	16-QAM	21.99	22.10	22.20
3	1	8		22.18	22.08	22.11
3	1	14		21.96	21.85	21.97
3	8	0		20.78	20.76	20.78
3	8	4		20.84	20.67	20.76
3	8	7		20.80	20.69	20.78
3	15	0		20.76	20.63	20.81

LTE Band 5 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	22.98	22.91	22.85
5	1	12		22.86	22.76	22.85
5	1	24		22.97	22.77	22.92
5	12	0		21.84	21.81	21.71
5	12	7		21.85	21.78	21.88
5	12	13		21.89	21.76	21.85
5	25	0		21.82	21.74	21.86
5	1	0	16-QAM	22.29	22.18	22.10
5	1	12		22.28	22.20	22.29
5	1	24		22.27	22.06	22.19
5	12	0		20.85	20.77	20.71
5	12	7		20.84	20.72	20.85
5	12	13		20.81	20.69	20.81
5	25	0		20.83	20.74	20.81
10	1	0	QPSK	**23.13**	**23.13**	23.07
10	1	25		23.04	22.86	23.03
10	1	49		22.96	22.96	23.02
10	25	0		21.97	21.99	21.88
10	25	12		21.99	21.87	21.97
10	25	25		21.90	21.84	21.86
10	50	0		22.03	21.96	21.87
10	1	0	16-QAM	22.39	22.42	22.32
10	1	25		22.23	22.10	22.21
10	1	49		22.21	22.19	22.31
10	25	0		20.94	20.98	20.88
10	25	12		20.98	20.88	20.95
10	25	25		20.92	20.86	20.88
10	50	0		21.00	20.92	20.87

LTE Band 7 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	16.62	17.00	17.00
5	1	12		16.50	16.90	16.86
5	1	24		16.69	16.95	16.91
5	12	0		16.56	16.93	16.90
5	12	7		16.60	16.99	16.93
5	12	13		16.65	16.95	16.90
5	25	0		16.58	16.94	16.92
5	1	0	16-QAM	16.90	16.94	16.98
5	1	12		16.98	16.97	16.95
5	1	24		16.95	16.99	16.95
5	12	0		16.63	16.69	16.72
5	12	7		16.64	16.71	16.72
5	12	13		16.70	16.69	16.70
5	25	0		16.63	16.66	16.67
10	1	0	QPSK	16.65	16.92	16.81
10	1	25		16.60	16.80	16.71
10	1	49		16.66	16.81	16.75
10	25	0		16.56	16.75	16.71
10	25	12		16.70	16.76	16.82
10	25	25		16.55	16.80	16.72
10	50	0		16.64	16.78	16.77
10	1	0	16-QAM	16.93	16.98	16.98
10	1	25		16.80	16.95	16.87
10	1	49		16.92	16.92	16.95
10	25	0		16.59	16.65	16.65
10	25	12		16.74	16.66	16.77
10	25	25		16.48	16.70	16.68
10	50	0		16.54	16.64	16.70

LTE Band 7 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	16.48	16.68	16.56
15	1	37		16.59	16.59	16.68
15	1	74		16.51	16.59	16.55
15	36	0		16.36	16.72	16.56
15	36	20		16.43	16.68	16.65
15	36	39		16.44	16.65	16.59
15	75	0		16.49	16.68	16.61
15	1	0	16-QAM	16.59	16.92	16.78
15	1	37		16.68	16.84	16.88
15	1	74		16.72	16.81	16.77
15	36	0		16.44	16.74	16.59
15	36	20		16.52	16.71	16.65
15	36	39		16.55	16.70	16.63
15	75	0		16.53	16.72	16.63
20	1	0	QPSK	16.42	16.78	16.76
20	1	49		16.54	16.63	16.70
20	1	99		16.71	16.64	16.64
20	50	0		16.55	16.78	16.64
20	50	24		16.59	16.73	16.71
20	50	50		16.63	16.72	16.70
20	100	0		16.44	16.81	16.75
20	1	0	16-QAM	16.66	16.90	16.99
20	1	49		16.70	16.95	16.95
20	1	99		16.91	16.81	16.88
20	50	0		16.48	16.80	16.68
20	50	24		16.54	16.74	16.77
20	50	50		16.45	16.77	16.67
20	100	0		16.58	16.73	16.56

LTE Band 12 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	22.86	23.11	23.18
1.4	1	3		22.81	23.05	23.08
1.4	1	5		22.81	23.06	23.04
1.4	3	0		22.70	22.81	22.93
1.4	3	1		22.76	22.92	23.01
1.4	3	3		22.75	22.94	23.00
1.4	6	0		21.68	21.88	21.92
1.4	1	0	16-QAM	22.11	22.32	22.43
1.4	1	3		22.08	22.25	22.33
1.4	1	5		22.07	22.30	22.38
1.4	3	0		21.75	21.92	21.99
1.4	3	1		21.78	21.90	21.97
1.4	3	3		21.75	21.92	22.02
1.4	6	0		20.78	20.96	20.98
3	1	0	QPSK	22.93	23.09	23.18
3	1	8		22.89	23.03	23.06
3	1	14		22.74	22.86	23.00
3	8	0		21.72	21.87	21.97
3	8	4		21.73	21.90	22.02
3	8	7		21.74	21.90	21.95
3	15	0		21.70	21.89	21.91
3	1	0	16-QAM	22.09	22.29	22.33
3	1	8		22.04	22.26	22.29
3	1	14		21.96	22.09	22.22
3	8	0		20.80	20.95	21.00
3	8	4		20.78	20.94	21.03
3	8	7		20.83	20.97	21.00
3	15	0		20.72	20.89	20.91

LTE Band 12 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	22.94	23.09	23.20
5	1	12		22.88	23.04	23.19
5	1	24		22.91	23.02	23.18
5	12	0		21.85	22.00	22.16
5	12	7		21.96	22.09	22.24
5	12	13		21.95	22.12	22.16
5	25	0		21.91	22.04	22.21
5	1	0	16-QAM	22.27	22.52	22.65
5	1	12		22.25	22.49	22.62
5	1	24		22.21	22.38	22.45
5	12	0		20.90	20.93	21.22
5	12	7		20.96	21.01	21.31
5	12	13		20.96	21.05	21.21
5	25	0		20.94	21.05	21.19
10	1	0	QPSK	23.13	**23.21**	23.16
10	1	25		23.05	23.13	23.09
10	1	49		23.11	23.19	23.15
10	25	0		21.87	22.03	22.03
10	25	12		21.97	22.06	22.08
10	25	25		21.96	22.05	22.11
10	50	0		21.91	22.15	22.10
10	1	0	16-QAM	22.31	22.49	22.49
10	1	25		22.26	22.45	22.45
10	1	49		22.30	22.41	22.42
10	25	0		20.93	21.05	21.02
10	25	12		21.02	21.09	21.11
10	25	25		20.96	21.06	21.12
10	50	0		20.92	21.15	21.13

LTE Band 17 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	22.86	23.00	23.05
5	1	12		22.84	22.99	22.99
5	1	24		22.82	22.97	23.03
5	12	0		21.82	22.00	21.83
5	12	7		21.95	22.01	21.93
5	12	13		21.84	21.96	21.98
5	25	0		21.83	21.96	21.98
5	1	0	16-QAM	22.29	22.29	22.33
5	1	12		22.27	22.22	22.30
5	1	24		22.26	22.26	22.32
5	12	0		20.74	21.00	20.92
5	12	7		20.85	21.05	21.01
5	12	13		20.75	20.95	21.02
5	25	0		20.85	20.97	20.96
10	1	0	QPSK	**23.12**	**23.12**	23.09
10	1	25		23.08	23.08	23.02
10	1	49		23.06	23.00	23.07
10	25	0		21.74	21.93	22.01
10	25	12		21.48	21.97	21.99
10	25	25		21.93	21.92	21.96
10	50	0		21.98	21.95	22.00
10	1	0	16-QAM	22.45	22.39	22.36
10	1	25		22.39	22.36	22.30
10	1	49		22.43	22.36	22.35
10	25	0		20.94	20.94	20.99
10	25	12		21.06	21.00	20.99
10	25	25		20.97	20.96	20.96
10	50	0		20.96	20.94	21.00

LTE Band 41 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	22.69	22.79	23.15
5	1	12		22.51	22.65	23.03
5	1	24		22.65	22.67	23.05
5	12	0		21.58	21.82	22.07
5	12	7		21.58	21.76	22.06
5	12	13		21.59	21.80	22.05
5	25	0		22.67	22.77	22.03
5	1	0	16-QAM	21.90	22.05	22.30
5	1	12		21.79	22.02	22.29
5	1	24		21.87	21.90	22.28
5	12	0		20.72	20.88	21.13
5	12	7		20.69	20.84	21.12
5	12	13		20.68	20.81	21.11
5	25	0		21.66	21.77	21.07
10	1	0	QPSK	23.14	23.05	23.13
10	1	25		23.09	23.01	23.06
10	1	49		22.63	22.83	23.10
10	25	0		21.57	21.72	22.02
10	25	12		21.71	21.84	22.05
10	25	25		21.53	21.79	22.04
10	50	0		21.65	21.82	22.09
10	1	0	16-QAM	22.11	21.99	22.25
10	1	25		21.99	21.96	22.23
10	1	49		21.94	21.95	22.14
10	25	0		20.99	20.88	21.11
10	25	12		21.07	20.89	21.11
10	25	25		20.96	20.91	21.13
10	50	0		20.98	20.85	21.12

LTE Band 41 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	22.84	23.09	23.21
15	1	37		22.82	23.06	23.20
15	1	74		22.77	22.97	22.85
15	36	0		21.70	21.97	22.05
15	36	20		21.70	21.98	22.08
15	36	39		21.73	21.92	22.06
15	75	0		22.14	22.04	22.03
15	1	0	16-QAM	22.03	22.20	22.10
15	1	37		21.93	22.18	22.09
15	1	74		21.98	22.00	22.05
15	36	0		20.79	20.96	21.11
15	36	20		20.75	20.97	21.13
15	36	39		20.78	20.95	21.10
15	75	0		21.71	21.98	21.98
20	1	0	QPSK	22.93	23.12	**23.31**
20	1	49		22.89	23.10	23.30
20	1	99		22.90	23.08	23.09
20	50	0		21.90	22.00	22.01
20	50	24		21.85	22.05	22.16
20	50	50		21.88	22.11	22.13
20	100	0		21.97	22.13	22.11
20	1	0	16-QAM	22.18	22.23	22.21
20	1	49		21.93	22.13	22.19
20	1	99		22.02	22.21	22.18
20	50	0		20.95	21.04	21.34
20	50	24		20.93	21.06	21.20
20	50	50		20.92	21.14	22.19
20	100	0		21.03	21.17	21.11

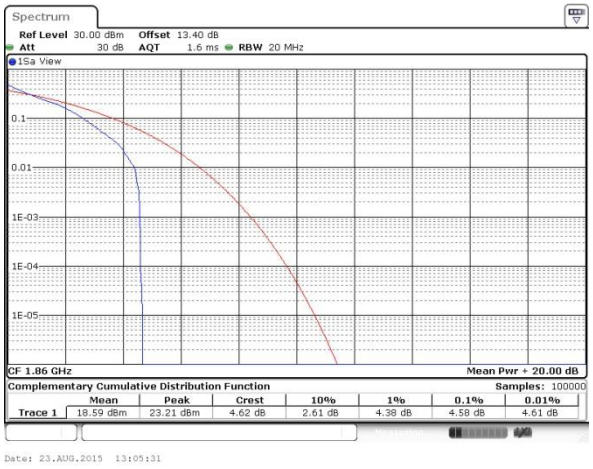
LTE Band 2

Peak-to-Average Ratio

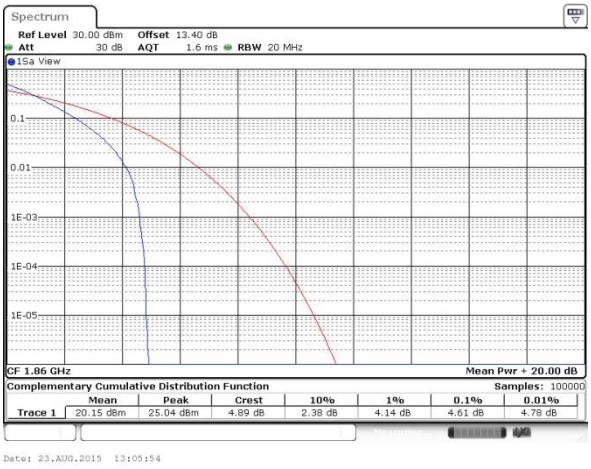
Mode	LTE Band 2 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.58	4.61	4.96	6.06	PASS
Middle CH	4.23	4.70	5.65	6.14	
Highest CH	4.00	4.67	5.25	6.03	

LTE Band 2 / 20MHz / QPSK

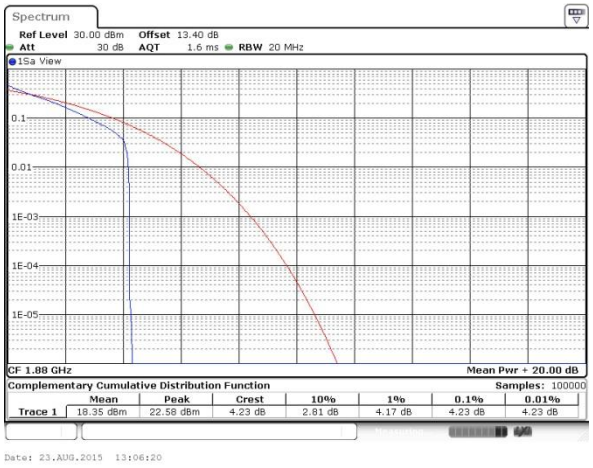
Lowest Channel / 1RB



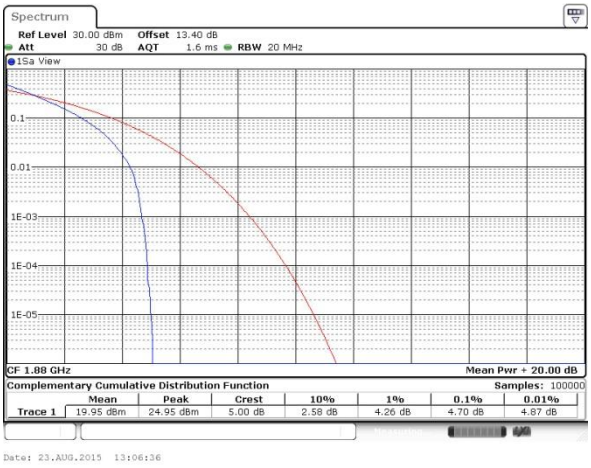
Lowest Channel / Full RB



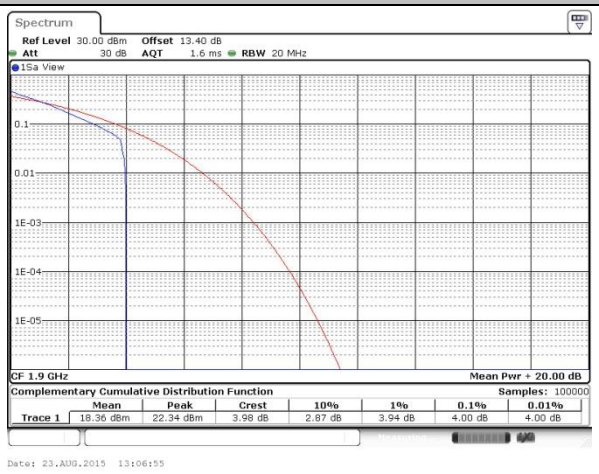
Middle Channel / 1RB



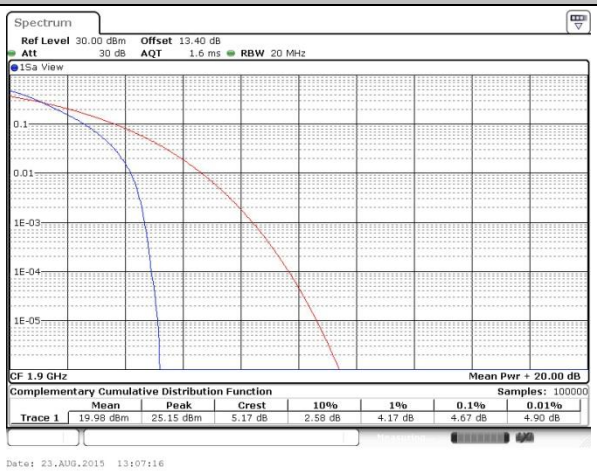
Middle Channel / Full RB



Highest Channel / 1RB

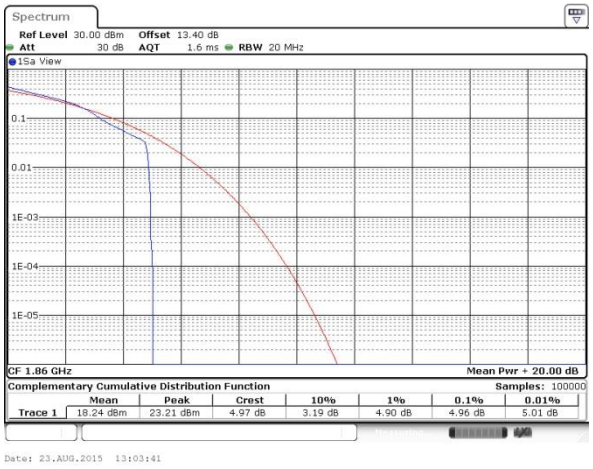


Highest Channel / Full RB

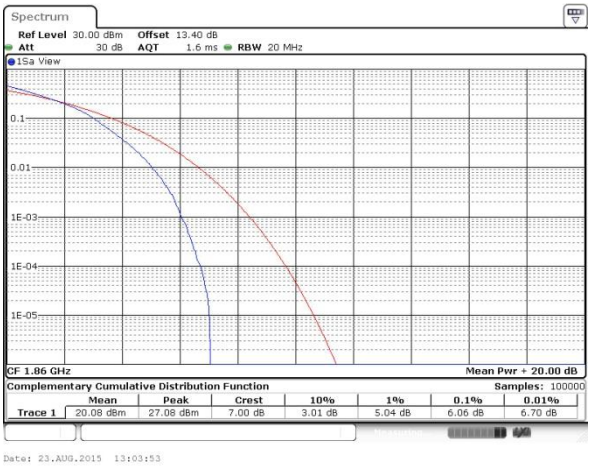


LTE Band 2 / 20MHz / 16QAM

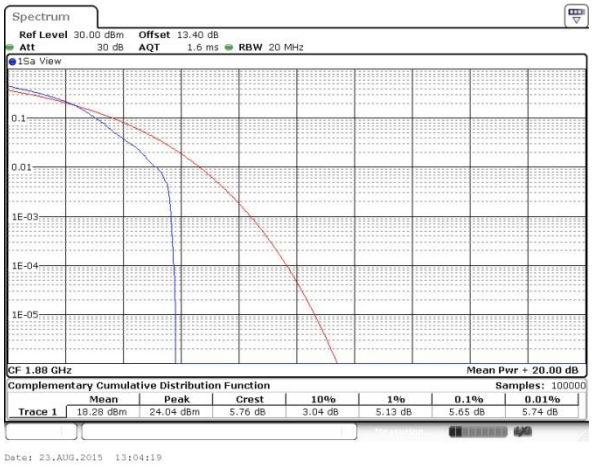
Lowest Channel / 1RB



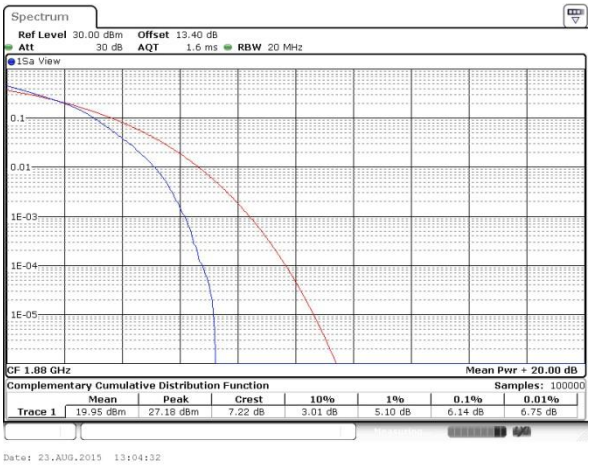
Lowest Channel / Full RB



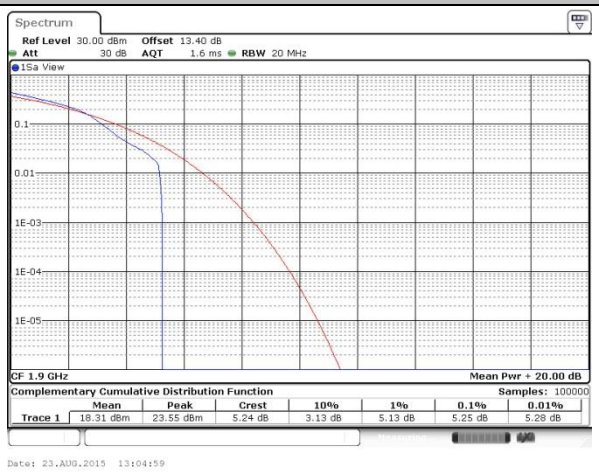
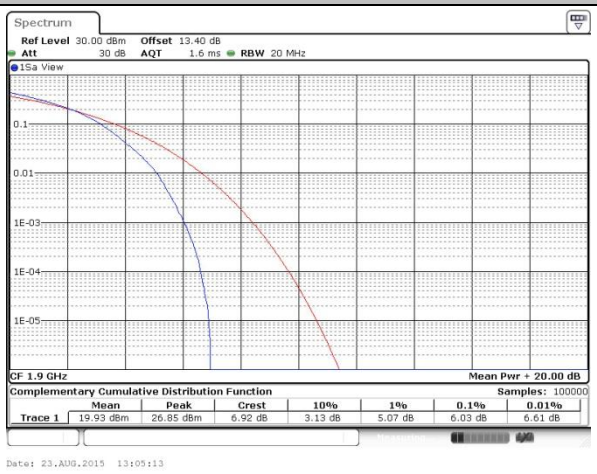
Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB