



## **Appendix A. Test Results of Conducted Test**

### **Conducted Output Power(Average power)**



## &lt;Full Power Mode&gt;

LTE Band 2 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	22.59	22.59	22.53
1.4	1	2		22.80	22.77	22.67
1.4	1	5		22.57	22.62	22.57
1.4	3	0		22.76	22.64	22.62
1.4	3	1		22.62	22.66	22.83
1.4	3	2		22.72	22.65	22.81
1.4	6	0		20.72	20.66	20.68
1.4	1	0	16-QAM	21.86	22.29	21.93
1.4	1	2		22.26	21.94	22.09
1.4	1	5		21.95	21.98	21.95
1.4	3	0		21.91	21.82	22.41
1.4	3	1		21.80	21.94	22.44
1.4	3	2		21.78	21.83	22.40
1.4	6	0		19.56	19.61	19.67
3	1	0	QPSK	22.72	22.66	22.80
3	1	7		22.87	22.78	22.84
3	1	14		22.78	22.61	22.47
3	8	0		20.74	20.78	20.74
3	8	4		20.67	20.66	20.73
3	8	7		20.68	20.73	20.69
3	15	0		20.67	20.76	20.73
3	1	0	16-QAM	21.93	21.92	21.38
3	1	7		22.13	22.45	21.69
3	1	14		21.96	21.91	21.89
3	8	0		19.81	19.92	19.65
3	8	4		19.74	19.86	19.99
3	8	7		19.75	19.86	19.96
3	15	0		19.74	19.81	19.78



LTE Band 2 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	22.49	22.78	22.62
5	1	12		22.89	22.88	22.79
5	1	24		22.49	22.85	22.72
5	12	0		20.75	20.7	20.72
5	12	6		20.71	20.72	20.76
5	12	11		20.64	20.72	20.77
5	25	0		20.72	20.77	20.74
5	1	0	16-QAM	21.77	21.61	22.04
5	1	12		21.56	21.77	22.16
5	1	24		21.84	21.80	21.87
5	12	0		19.65	19.93	19.70
5	12	6		19.55	19.95	19.76
5	12	11		19.73	20.03	19.75
5	25	0		19.57	19.75	19.65
10	1	0	QPSK	22.66	22.83	22.58
10	1	24		22.94	22.94	22.95
10	1	49		22.82	22.63	22.72
10	25	0		20.64	20.69	20.83
10	25	12		20.62	20.72	20.68
10	25	24		20.58	20.76	20.66
10	50	0		20.66	20.73	20.72
10	1	0	16-QAM	21.62	22.04	22.23
10	1	24		22.06	21.92	22.29
10	1	49		21.72	22.03	22.06
10	25	0		19.85	19.70	19.91
10	25	12		19.83	19.87	19.70
10	25	24		19.58	19.78	19.71
10	50	0		19.68	19.63	19.73



LTE Band 2 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	22.74	22.64	22.78
15	1	37		22.80	22.67	22.76
15	1	74		22.51	22.57	22.60
15	36	0		20.65	20.74	20.76
15	36	18		20.57	20.76	20.73
15	36	37		20.57	20.77	20.64
15	75	0		20.59	20.66	20.63
15	1	0	16-QAM	21.99	22.26	22.37
15	1	37		21.94	22.39	22.46
15	1	74		21.68	22.42	22.33
15	36	0		19.65	19.66	19.73
15	36	18		19.67	19.63	19.70
15	36	37		19.72	19.62	19.73
15	75	0		19.59	19.78	19.61
20	1	0	QPSK	22.77	22.98	22.85
20	1	49		22.62	22.70	22.82
20	1	99		22.53	22.59	22.63
20	50	0		20.77	20.84	20.74
20	50	24		20.62	20.83	20.73
20	50	49		20.51	20.81	20.71
20	100	0		20.70	20.81	20.70
20	1	0	16-QAM	22.11	22.33	21.95
20	1	49		22.19	22.25	21.93
20	1	99		21.91	21.95	21.90
20	50	0		19.76	19.84	19.69
20	50	24		19.63	19.78	19.67
20	50	49		19.51	19.77	19.60
20	100	0		19.69	19.82	19.78



LTE Band 4 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	23.49	23.24	23.40
1.4	1	2		23.50	23.47	23.39
1.4	1	5		23.55	23.42	23.24
1.4	3	0		23.57	23.57	23.33
1.4	3	1		23.59	23.54	23.38
1.4	3	2		23.56	23.40	23.39
1.4	6	0		22.51	22.37	22.53
1.4	1	0	16-QAM	23.22	23.30	22.42
1.4	1	2		23.12	23.31	22.31
1.4	1	5		22.50	23.03	22.59
1.4	3	0		22.65	22.63	22.43
1.4	3	1		22.71	22.67	22.64
1.4	3	2		22.60	22.54	22.59
1.4	6	0		20.90	21.16	20.91
3	1	0	QPSK	23.23	23.06	23.05
3	1	7		23.54	23.64	23.29
3	1	14		23.09	22.98	23.14
3	8	0		22.38	22.31	22.25
3	8	4		22.30	22.24	22.25
3	8	7		22.23	22.25	22.28
3	15	0		22.23	22.22	22.17
3	1	0	16-QAM	22.96	22.59	22.14
3	1	7		23.07	22.54	22.48
3	1	14		22.99	22.56	22.26
3	8	0		21.40	21.45	21.46
3	8	4		21.22	21.57	21.54
3	8	7		21.14	21.50	21.54
3	15	0		21.25	21.32	21.24



LTE Band 4 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	22.94	23.23	23.02
5	1	12		23.26	22.95	23.27
5	1	24		23.13	23.06	22.88
5	12	0		22.31	22.14	22.21
5	12	6		22.30	22.22	22.17
5	12	11		22.24	22.24	22.10
5	25	0		22.21	22.24	22.24
5	1	0	16-QAM	22.33	22.48	22.56
5	1	12		22.66	22.28	22.54
5	1	24		22.37	22.19	22.49
5	12	0		21.18	21.20	21.17
5	12	6		21.16	21.23	21.32
5	12	11		21.23	21.21	21.08
5	25	0		21.47	21.07	21.19
10	1	0	QPSK	23.20	23.23	23.46
10	1	24		22.94	23.37	22.93
10	1	49		22.97	23.35	22.93
10	25	0		22.39	22.30	22.35
10	25	12		22.21	22.17	22.16
10	25	24		22.14	22.22	22.16
10	50	0		22.25	22.31	22.26
10	1	0	16-QAM	22.61	22.57	23.24
10	1	24		22.32	22.31	23.14
10	1	49		22.12	22.45	23.09
10	25	0		21.53	21.48	21.32
10	25	12		21.30	21.47	21.33
10	25	24		21.16	21.05	21.31
10	50	0		21.13	21.30	21.33



LTE Band 4 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	23.43	23.26	23.59
15	1	37		23.22	23.22	23.51
15	1	74		23.05	23.25	23.25
15	36	0		22.37	22.27	22.42
15	36	18		22.23	22.37	22.29
15	36	37		22.23	22.28	22.17
15	75	0	16-QAM	22.30	22.38	22.38
15	1	0		23.00	22.68	23.08
15	1	37		23.06	22.65	22.82
15	1	74		22.82	22.67	22.71
15	36	0		21.46	21.41	21.45
15	36	18		21.32	21.36	21.34
15	36	37	QPSK	21.30	21.26	21.21
15	75	0		21.27	21.28	21.29
20	1	0		23.36	23.65	23.29
20	1	49		23.31	23.60	23.23
20	1	99		23.12	23.48	23.22
20	50	0		22.31	22.42	22.40
20	50	24	16-QAM	22.26	22.28	22.33
20	50	49		22.19	22.29	22.10
20	100	0		22.36	22.38	22.21
20	1	0		22.84	22.54	22.17
20	1	49		22.54	22.51	22.16
20	1	99		22.52	22.49	22.11
20	50	0	16-QAM	21.45	21.34	21.52
20	50	24		21.36	21.32	21.45
20	50	49		21.20	21.31	21.42
20	100	0		21.25	21.24	21.42



LTE Band 5 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	23.64	23.45	23.29
1.4	1	2		23.45	23.32	23.32
1.4	1	5		23.33	23.21	23.31
1.4	3	0		23.52	23.47	23.58
1.4	3	1		23.67	23.61	23.73
1.4	3	2		23.66	23.46	23.47
1.4	6	0		22.59	22.61	22.49
1.4	1	0	16-QAM	23.30	23.23	23.18
1.4	1	2		23.39	23.21	23.24
1.4	1	5		23.36	23.13	23.19
1.4	3	0		22.64	23.25	23.30
1.4	3	1		22.78	23.39	23.48
1.4	3	2		22.68	23.34	23.43
1.4	6	0		21.26	21.49	21.43
3	1	0	QPSK	23.54	23.36	23.54
3	1	7		23.36	23.64	23.60
3	1	14		23.33	23.32	23.58
3	8	0		22.68	22.50	22.51
3	8	4		22.60	22.49	22.50
3	8	7		22.59	22.42	22.56
3	15	0		22.60	22.43	22.45
3	1	0	16-QAM	23.29	23.13	23.35
3	1	7		23.35	23.26	22.68
3	1	14		23.23	23.24	22.71
3	8	0		21.85	21.76	21.34
3	8	4		21.86	21.76	21.57
3	8	7		21.87	21.70	21.68
3	15	0		21.70	21.57	21.59





LTE Band 5 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.36	23.27	23.33
5	1	12		23.53	23.49	23.48
5	1	24		23.17	23.35	23.22
5	12	0		22.56	22.51	22.50
5	12	6		22.59	22.45	22.46
5	12	11		22.53	22.47	22.37
5	25	0		22.58	22.46	22.37
5	1	0	16-QAM	22.33	22.82	23.18
5	1	12		22.79	22.92	23.31
5	1	24		22.44	23.49	23.12
5	12	0		21.54	21.53	21.37
5	12	6		21.56	21.25	21.26
5	12	11		21.43	21.19	21.25
5	25	0		21.80	21.32	21.46
10	1	0	QPSK	23.64	23.33	23.45
10	1	24		23.68	23.74	23.47
10	1	49		23.57	23.22	23.39
10	25	0		22.27	22.60	22.51
10	25	12		22.58	22.53	22.45
10	25	24		22.46	22.41	22.41
10	50	0		22.42	22.58	22.41
10	1	0	16-QAM	22.85	23.21	23.37
10	1	24		22.68	23.19	23.26
10	1	49		22.68	23.14	23.35
10	25	0		21.69	21.50	21.48
10	25	12		21.68	21.47	21.41
10	25	24		21.56	21.41	21.39
10	50	0		21.62	21.44	21.40



LTE Band 7 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	20.71	20.97	20.76
5	1	12		20.64	20.91	20.83
5	1	24		20.67	20.78	20.80
5	12	0		19.90	19.91	19.90
5	12	6		19.92	19.88	19.91
5	12	11		19.76	19.80	19.75
5	25	0		19.79	19.89	19.82
5	1	0	16-QAM	20.68	20.19	20.40
5	1	12		20.72	20.02	20.19
5	1	24		20.70	19.67	19.65
5	12	0		19.16	19.01	18.93
5	12	6		19.03	18.89	18.98
5	12	11		19.11	18.87	18.87
5	25	0		18.66	18.86	19.07
10	1	0	QPSK	20.95	20.79	20.73
10	1	24		21.10	20.78	20.83
10	1	49		20.94	20.68	20.54
10	25	0		19.84	19.93	19.90
10	25	12		19.80	19.95	19.84
10	25	24		19.79	19.85	19.80
10	50	0		19.87	19.89	19.88
10	1	0	16-QAM	20.26	19.46	19.54
10	1	24		20.24	19.46	19.41
10	1	49		19.54	19.65	20.04
10	25	0		19.12	19.03	19.11
10	25	12		18.98	18.83	19.19
10	25	24		18.86	18.87	19.14
10	50	0		18.64	18.67	18.81



LTE Band 7 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	21.03	20.99	20.88
15	1	37		20.79	20.90	21.14
15	1	74		20.79	20.71	20.99
15	36	0		19.95	19.98	19.80
15	36	18		19.83	19.95	19.81
15	36	37		19.84	19.89	19.77
15	75	0		19.86	19.92	19.87
15	1	0	16-QAM	20.57	20.67	20.04
15	1	37		20.87	20.76	19.65
15	1	74		20.75	20.81	19.61
15	36	0		18.90	19.03	18.91
15	36	18		18.71	18.77	18.82
15	36	37		18.70	18.74	18.92
15	75	0		18.87	19.00	18.74
20	1	0	QPSK	21.02	21.28	21.08
20	1	49		20.82	21.23	21.06
20	1	99		20.80	21.03	20.91
20	50	0		20.00	20.10	20.08
20	50	24		19.92	19.97	19.93
20	50	49		19.89	19.90	19.90
20	100	0		19.96	20.02	19.97
20	1	0	16-QAM	20.57	19.70	20.24
20	1	49		20.59	19.77	20.30
20	1	99		19.83	19.72	20.29
20	50	0		19.05	19.00	19.24
20	50	24		18.97	18.92	19.05
20	50	49		18.91	18.78	19.14
20	100	0		18.95	18.99	19.01



LTE Band 12 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	23.39	23.42	23.32
1.4	1	2		23.34	23.31	23.52
1.4	1	5		23.17	23.46	23.30
1.4	3	0		23.3	23.43	23.46
1.4	3	1		23.28	23.48	23.54
1.4	3	2		23.30	23.53	23.56
1.4	6	0		22.39	22.64	22.55
1.4	1	0	16-QAM	23.17	23.15	22.62
1.4	1	2		23.12	23.15	22.69
1.4	1	5		23.03	23.18	22.62
1.4	3	0		22.92	23.13	22.66
1.4	3	1		23.15	23.39	22.95
1.4	3	2		23.08	23.33	22.98
1.4	6	0		21.24	21.49	21.23
3	1	0	QPSK	23.23	23.46	23.40
3	1	7		23.28	23.55	23.44
3	1	14		23.23	23.35	23.67
3	8	0		22.40	22.54	22.48
3	8	4		22.32	22.55	22.53
3	8	7		22.36	22.53	22.50
3	15	0		22.42	22.54	22.40
3	1	0	16-QAM	23.08	23.26	22.78
3	1	7		23.17	23.39	22.84
3	1	14		23.10	23.14	22.93
3	8	0		21.63	21.77	21.71
3	8	4		21.59	21.78	21.76
3	8	7		21.68	21.76	21.74
3	15	0		21.43	21.54	21.53



LTE Band 12 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.24	23.54	23.24
5	1	12		23.37	23.42	23.52
5	1	24		23.23	23.16	23.34
5	12	0		22.30	22.49	22.43
5	12	6		22.42	22.56	22.46
5	12	11		22.42	22.48	22.50
5	25	0		22.48	22.40	22.40
5	1	0	16-QAM	22.19	23.21	23.07
5	1	12		22.24	23.36	23.46
5	1	24		22.21	23.06	22.42
5	12	0		21.09	21.46	21.41
5	12	6		21.11	21.44	21.46
5	12	11		21.10	21.27	21.40
5	25	0		21.27	21.48	21.29
10	1	0	QPSK	23.51	23.68	23.57
10	1	24		23.27	23.21	23.35
10	1	49		23.22	23.39	23.48
10	25	0		22.35	22.61	22.51
10	25	12		22.45	22.47	22.40
10	25	24		22.33	22.28	22.60
10	50	0		22.35	22.48	22.41
10	1	0	16-QAM	23.03	22.95	22.93
10	1	24		22.68	22.58	22.63
10	1	49		22.71	22.55	22.86
10	25	0		21.53	21.41	21.61
10	25	12		21.54	21.57	21.56
10	25	24		21.53	21.70	21.69
10	50	0		21.23	21.19	21.26



LTE Band 17 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	23.52	23.48	23.28
5	1	12		23.50	23.51	23.44
5	1	24		23.35	23.31	23.29
5	12	0		22.36	22.50	22.47
5	12	6		22.45	22.54	22.50
5	12	11		22.52	22.56	22.54
5	25	0		22.48	22.50	22.44
5	1	0	16-QAM	22.76	23.35	23.19
5	1	12		22.91	23.27	23.30
5	1	24		23.03	23.16	23.20
5	12	0		21.34	21.38	21.36
5	12	6		21.33	21.39	21.33
5	12	11		21.37	21.44	21.41
5	25	0		21.47	21.49	21.35
10	1	0	QPSK	23.39	23.60	23.50
10	1	24		23.24	23.37	23.43
10	1	49		23.34	23.50	23.44
10	25	0		22.59	22.62	22.45
10	25	12		22.53	22.45	22.54
10	25	24		22.57	22.53	22.50
10	50	0		22.44	22.55	22.51
10	1	0	16-QAM	22.69	22.85	22.95
10	1	24		22.60	22.76	22.73
10	1	49		22.72	22.89	23.27
10	25	0		21.51	21.56	21.52
10	25	12		21.35	21.50	21.52
10	25	24		21.58	21.54	21.49
10	50	0		21.37	21.52	21.42



## &lt; Reduced Power Mode &gt;

LTE Band 2 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	15.97	15.92	15.84
1.4	1	2		15.87	15.85	16.27
1.4	1	5		15.78	15.83	15.79
1.4	3	0		15.87	15.92	15.90
1.4	3	1		15.88	16.05	15.95
1.4	3	2		15.91	15.97	15.92
1.4	6	0		15.89	16.00	16.07
1.4	1	0	16-QAM	16.16	16.44	16.56
1.4	1	2		16.44	16.49	16.54
1.4	1	5		16.18	16.31	16.53
1.4	3	0		16.23	16.14	16.51
1.4	3	1		16.23	15.70	16.52
1.4	3	2		16.42	16.06	16.52
1.4	6	0		16.09	15.45	15.90
3	1	0	QPSK	16.08	15.81	15.99
3	1	7		15.89	16.41	16.22
3	1	14		15.75	15.80	15.74
3	8	0		16.03	16.00	15.97
3	8	4		16.01	15.96	15.96
3	8	7		15.91	15.97	15.94
3	15	0		15.91	15.99	15.95
3	1	0	16-QAM	16.43	16.38	16.55
3	1	7		16.54	16.28	16.51
3	1	14		15.89	16.23	16.56
3	8	0		15.98	16.22	16.18
3	8	4		16.14	16.39	16.12
3	8	7		16.27	16.37	16.30
3	15	0		16.04	16.06	16.09



LTE Band 2 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	15.72	15.78	16.04
5	1	12		15.99	16.33	16.19
5	1	24		16.08	15.81	15.90
5	12	0		15.94	15.94	15.89
5	12	6		15.86	15.96	15.88
5	12	11		15.87	15.96	15.84
5	25	0		15.92	16.02	15.89
5	1	0	16-QAM	16.42	16.14	15.91
5	1	12		16.41	16.21	16.59
5	1	24		16.07	15.87	15.85
5	12	0		16.00	15.99	15.97
5	12	6		15.94	15.95	15.92
5	12	11		15.93	15.94	15.89
5	25	0		15.91	15.97	15.97
10	1	0	QPSK	15.92	15.99	16.03
10	1	24		16.24	16.49	16.17
10	1	49		16.03	16.21	15.91
10	25	0		16.07	16.10	16.08
10	25	12		16.01	16.05	16.01
10	25	24		16.05	16.10	16.02
10	50	0		16.06	16.04	16.08
10	1	0	16-QAM	16.55	16.65	16.58
10	1	24		16.51	16.52	16.56
10	1	49		16.40	16.32	16.14
10	25	0		16.38	16.18	16.11
10	25	12		16.45	16.21	16.00
10	25	24		15.95	16.37	15.88
10	50	0		16.00	16.00	15.95





LTE Band 2 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	16.17	16.17	16.48
15	1	37		16.05	16.08	16.32
15	1	74		15.80	16.13	16.01
15	36	0		16.08	16.08	16.10
15	36	18		15.96	16.11	16.13
15	36	37		15.94	16.06	16.03
15	75	0		15.98	16.10	16.04
15	1	0	16-QAM	16.53	16.12	15.93
15	1	37		16.46	16.07	15.83
15	1	74		16.39	16.16	16.05
15	36	0		16.03	15.87	16.11
15	36	18		15.86	15.81	16.06
15	36	37		15.85	15.83	16.09
15	75	0		16.03	16.07	15.84
20	1	0	QPSK	16.50	16.56	16.45
20	1	49		16.49	16.46	16.43
20	1	99		16.15	16.21	16.04
20	50	0		16.15	16.22	16.17
20	50	24		16.00	16.07	16.06
20	50	49		15.87	16.08	16.00
20	100	0		16.07	16.14	16.12
20	1	0	16-QAM	16.55	16.34	16.41
20	1	49		16.48	15.95	16.06
20	1	99		16.49	16.00	16.03
20	50	0		16.17	16.08	15.98
20	50	24		16.11	15.97	16.07
20	50	49		15.94	15.93	16.07
20	100	0		16.10	16.03	16.03



LTE Band 4 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	17.59	17.20	17.38
1.4	1	2		17.26	17.30	17.37
1.4	1	5		17.13	17.32	17.31
1.4	3	0		17.23	17.24	17.28
1.4	3	1		17.27	17.32	17.33
1.4	3	2		17.24	17.27	17.35
1.4	6	0		17.22	17.43	17.30
1.4	1	0	16-QAM	17.48	17.21	17.48
1.4	1	2		17.46	17.17	17.32
1.4	1	5		17.42	17.28	17.29
1.4	3	0		17.56	17.30	17.19
1.4	3	1		17.58	17.21	17.20
1.4	3	2		17.57	17.20	17.18
1.4	6	0		17.10	17.28	17.24
3	1	0	QPSK	17.40	17.23	17.37
3	1	7		17.60	17.39	17.21
3	1	14		17.13	17.44	17.15
3	8	0		17.29	17.18	17.40
3	8	4		17.21	17.27	17.32
3	8	7		17.57	17.32	17.27
3	15	0		17.52	17.35	17.25
3	1	0	16-QAM	17.46	17.48	17.53
3	1	7		17.54	17.42	17.51
3	1	14		17.46	17.36	17.46
3	8	0		17.53	17.57	17.38
3	8	4		17.48	17.54	17.41
3	8	7		17.47	17.50	17.52
3	15	0		17.42	17.42	17.51



LTE Band 4 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	17.36	17.27	17.06
5	1	12		17.47	17.25	17.31
5	1	24		17.02	17.05	17.22
5	12	0		17.50	17.31	17.35
5	12	6		17.42	17.34	17.28
5	12	11		17.49	17.31	17.25
5	25	0		17.26	17.45	17.34
5	1	0	16-QAM	17.65	17.18	17.55
5	1	12		17.55	17.11	17.52
5	1	24		17.48	17.20	17.48
5	12	0		17.45	17.45	17.32
5	12	6		17.36	17.48	17.28
5	12	11		17.34	17.42	17.23
5	25	0		17.48	17.27	17.24
10	1	0	QPSK	17.66	17.50	17.42
10	1	24		17.53	17.63	17.33
10	1	49		17.52	17.22	17.23
10	25	0		17.61	17.38	17.50
10	25	12		17.45	17.32	17.40
10	25	24		17.39	17.26	17.25
10	50	0		17.46	17.34	17.41
10	1	0	16-QAM	17.53	17.68	17.52
10	1	24		17.48	17.45	17.45
10	1	49		17.49	17.48	17.38
10	25	0		17.49	17.34	17.58
10	25	12		17.40	17.12	17.39
10	25	24		17.30	17.23	17.57
10	50	0		17.37	17.23	17.56



LTE Band 4 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	17.28	17.54	17.48
15	1	37		17.40	17.30	17.30
15	1	74		17.19	17.49	17.25
15	36	0		17.55	17.38	17.50
15	36	18		17.39	17.32	17.41
15	36	37		17.35	17.29	17.32
15	75	0		17.37	17.33	17.49
15	1	0	16-QAM	17.52	17.53	17.49
15	1	37		17.48	17.41	17.41
15	1	74		17.32	17.34	17.35
15	36	0		17.41	17.42	17.38
15	36	18		17.24	17.34	17.50
15	36	37		17.13	17.36	17.47
15	75	0		17.45	17.30	17.36
20	1	0	QPSK	17.55	17.66	17.55
20	1	49		17.54	17.54	17.49
20	1	99		17.29	17.44	17.16
20	50	0		17.50	17.57	17.50
20	50	24		17.48	17.36	17.47
20	50	49		17.29	17.33	17.46
20	100	0		17.40	17.44	17.39
20	1	0	16-QAM	17.52	17.58	17.54
20	1	49		17.42	17.55	17.46
20	1	99		17.38	17.46	17.38
20	50	0		17.51	17.39	17.52
20	50	24		17.45	17.36	17.44
20	50	49		17.32	17.34	17.39
20	100	0		17.47	17.30	17.32



LTE Band 5 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
1.4	1	0	QPSK	22.03	21.87	21.97
1.4	1	2		22.15	21.88	22.09
1.4	1	5		22.00	21.85	21.93
1.4	3	0		22.2	21.84	22.11
1.4	3	1		22.21	21.96	22.29
1.4	3	2		22.14	21.94	22.17
1.4	6	0	16-QAM	22.06	21.85	22.15
1.4	1	0		22.04	22.19	22.18
1.4	1	2		22.21	22.14	22.10
1.4	1	5		22.12	22.11	22.12
1.4	3	0		22.08	22.17	22.10
1.4	3	1		22.17	21.88	22.02
1.4	3	2		22.09	22.02	22.03
1.4	6	0		21.41	21.68	21.55
3	1	0	QPSK	22.25	22.08	21.90
3	1	7		22.15	22.23	22.26
3	1	14		21.84	21.95	22.18
3	8	0		22.21	21.96	22.02
3	8	4		22.05	22.03	22.03
3	8	7		22.03	22.07	22.08
3	15	0		22.05	21.95	21.96
3	1	0	16-QAM	22.13	22.01	22.21
3	1	7		22.21	21.61	22.23
3	1	14		22.08	21.95	21.58
3	8	0		21.7	21.78	21.74
3	8	4		21.53	21.83	21.61
3	8	7		21.57	21.80	21.54
3	15	0		21.74	21.39	21.74



LTE Band 5 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	22.19	21.85	22.26
5	1	12		22.14	21.84	22.14
5	1	24		21.85	21.75	22.17
5	12	0		22.02	21.92	21.99
5	12	6		21.98	21.96	21.97
5	12	11		21.99	21.97	21.9
5	25	0		22.04	21.90	21.97
5	1	0	16-QAM	21.97	22.15	21.81
5	1	12		21.95	22.25	21.87
5	1	24		21.9	22.19	22.21
5	12	0		21.51	21.31	21.42
5	12	6		21.51	21.40	21.37
5	12	11		21.61	21.31	21.34
5	25	0		21.58	21.49	21.67
10	1	0	QPSK	22.35	22.39	22.42
10	1	24		22.32	22.19	22.24
10	1	49		22.29	22.08	21.99
10	25	0		22.08	22.00	22.10
10	25	12		22.02	21.99	21.98
10	25	24		21.88	21.92	21.93
10	50	0		22.01	22.02	21.97
10	1	0	16-QAM	22.25	22.03	22.29
10	1	24		22.10	22.01	22.33
10	1	49		22.07	21.73	22.30
10	25	0		21.58	21.43	21.78
10	25	12		21.66	21.62	21.79
10	25	24		21.45	21.75	21.53
10	50	0		21.56	21.48	21.28



LTE Band 7 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
5	1	0	QPSK	17.67	17.72	17.67
5	1	12		18.12	17.91	17.75
5	1	24		17.48	17.96	17.57
5	12	0		17.85	17.91	17.86
5	12	6		17.86	17.87	17.94
5	12	11		17.82	17.82	17.83
5	25	0		17.83	17.89	17.80
5	1	0	16-QAM	18.38	18.04	18.26
5	1	12		17.44	18.43	18.29
5	1	24		17.46	17.86	18.30
5	12	0		17.74	17.88	17.88
5	12	6		17.81	17.81	17.89
5	12	11		17.77	17.88	17.76
5	25	0		17.85	17.96	18.21
10	1	0	QPSK	17.96	17.85	17.94
10	1	24		18.13	18.05	18.18
10	1	49		17.97	17.89	17.71
10	25	0		17.90	17.91	17.91
10	25	12		17.84	17.95	17.87
10	25	24		17.83	17.96	17.83
10	50	0		17.81	17.87	17.91
10	1	0	16-QAM	18.13	17.49	17.99
10	1	24		17.98	17.56	18.31
10	1	49		17.78	17.57	18.37
10	25	0		18.06	17.98	17.84
10	25	12		17.75	17.91	17.83
10	25	24		17.71	17.82	18.19
10	50	0		17.86	17.85	17.85



LTE Band 7 Maximum Average Power [dBm]						
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest
15	1	0	QPSK	18.09	17.90	17.94
15	1	37		18.14	17.71	17.82
15	1	74		17.93	17.72	17.87
15	36	0		17.92	17.97	17.89
15	36	18		17.88	17.85	17.83
15	36	37		17.73	17.80	17.83
15	75	0		17.90	17.94	17.81
15	1	0	16-QAM	18.24	18.11	18.04
15	1	37		18.27	18.46	17.77
15	1	74		18.34	18.28	17.95
15	36	0		17.94	18.05	17.90
15	36	18		17.95	17.97	17.79
15	36	37		17.87	17.87	17.79
15	75	0		17.91	17.92	17.80
20	1	0	QPSK	18.25	18.27	18.05
20	1	49		18.12	18.01	17.94
20	1	99		18.08	17.84	17.77
20	50	0		18.02	18.05	18.00
20	50	24		17.91	17.87	17.91
20	50	49		17.80	17.83	17.94
20	100	0		17.84	17.99	17.94
20	1	0	16-QAM	18.45	18.30	18.15
20	1	49		18.40	18.12	17.88
20	1	99		18.43	18.29	17.77
20	50	0		17.81	17.89	17.91
20	50	24		17.89	17.88	17.78
20	50	49		17.73	17.83	17.85
20	100	0		17.88	18.01	17.87



## 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	3.39	4.78	4.64	5.88	<b>PASS</b>
Middle CH	3.77	4.55	4.96	5.48	
Highest CH	3.33	4.93	4.46	5.88	

Mode	LTE Band 4 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	RB Size	Result
Lowest CH	3.94	5.04	4.41	6.03	<b>PASS</b>
Middle CH	4.52	5.13	5.42	6.12	
Highest CH	4.70	4.64	5.62	5.80	

Mode	LTE Band 5 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	RB Size	Result
Lowest CH	4.87	5.33	5.30	6.26	<b>PASS</b>
Middle CH	4.84	5.48	5.91	6.35	
Highest CH	4.90	5.39	6.09	6.38	

Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	RB Size	Result
Lowest CH	2.81	4.17	3.59	5.07	<b>PASS</b>
Middle CH	2.87	4.03	3.77	5.07	
Highest CH	3.19	3.68	4.23	4.58	



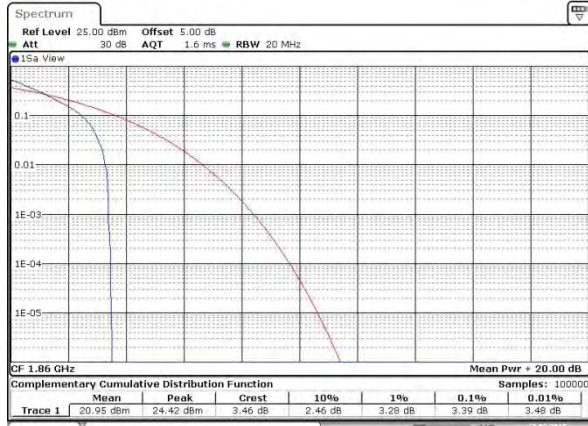
Mode	LTE Band 12 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	RB Size	Result
Lowest CH	3.80	4.81	4.26	5.59	<b>PASS</b>
Middle CH	4.14	4.81	4.99	5.68	
Highest CH	4.23	4.78	5.30	5.71	

Mode	LTE Band 17 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	RB Size	Result
Lowest CH	4.20	4.70	4.64	5.77	<b>PASS</b>
Middle CH	4.20	4.78	4.72	5.74	
Highest CH	4.23	4.72	5.28	5.65	



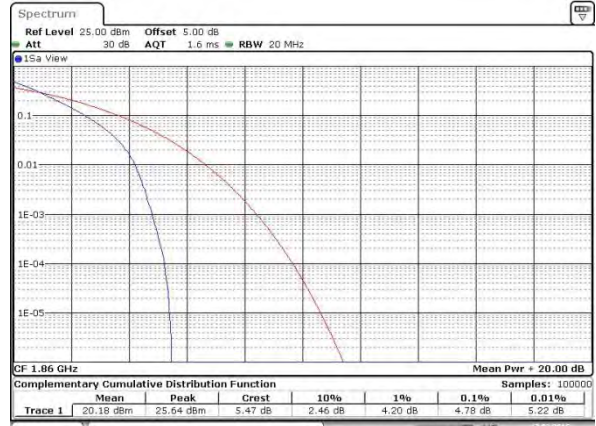
## LTE Band 2 / 20MHz / QPSK

## Lowest Channel / 1RB



Date: 17 MAR 2015 10:38:18

## Lowest Channel / Full RB



Date: 17 MAR 2015 10:38:28

## Middle Channel / 1RB



Date: 17 MAR 2015 10:39:05

## Middle Channel / Full RB



Date: 17 MAR 2015 10:38:55

## Highest Channel / 1RB



Date: 17 MAR 2015 10:39:43

## Highest Channel / Full RB

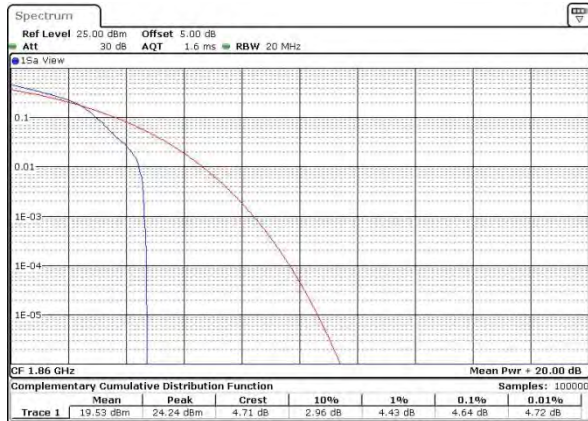


Date: 17 MAR 2015 10:39:34



## LTE Band 2 / 20MHz / 16QAM

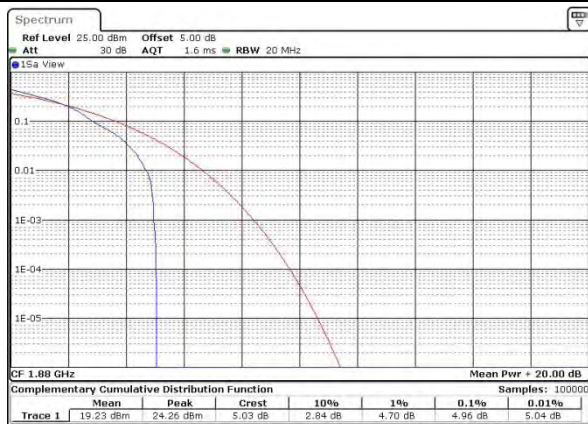
## Lowest Channel / 1RB



## Lowest Channel / Full RB



## Middle Channel / 1RB



## Middle Channel / Full RB



## Highest Channel / 1RB



## Highest Channel / Full RB





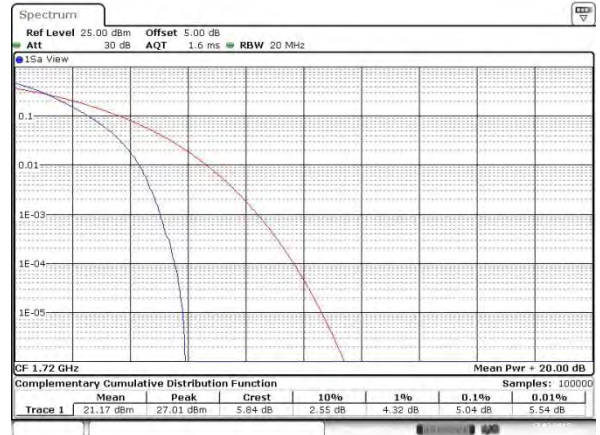


## LTE Band 4 / 20MHz / QPSK

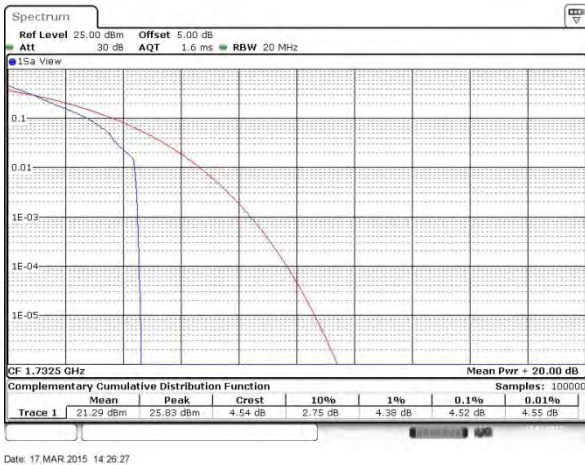
## Lowest Channel / 1RB



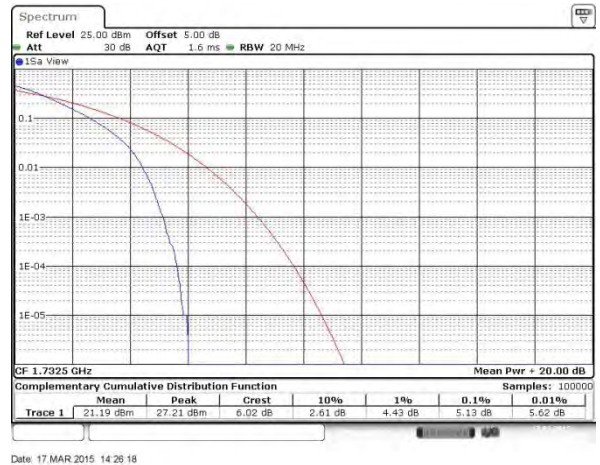
## Lowest Channel / Full RB



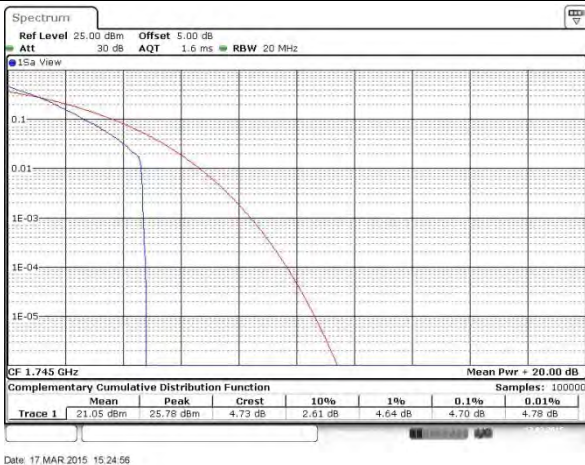
## Middle Channel / 1RB



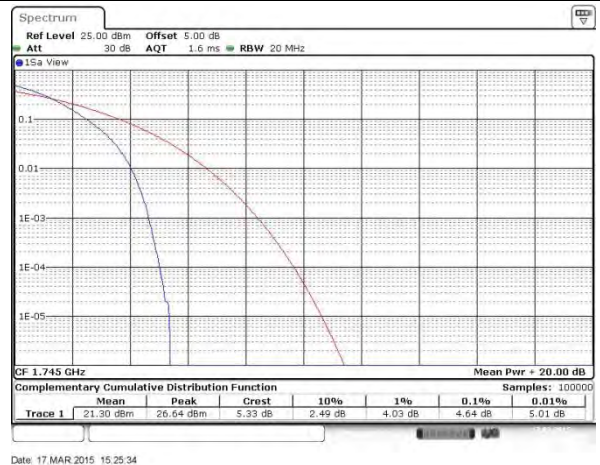
## Middle Channel / Full RB



## Highest Channel / 1RB



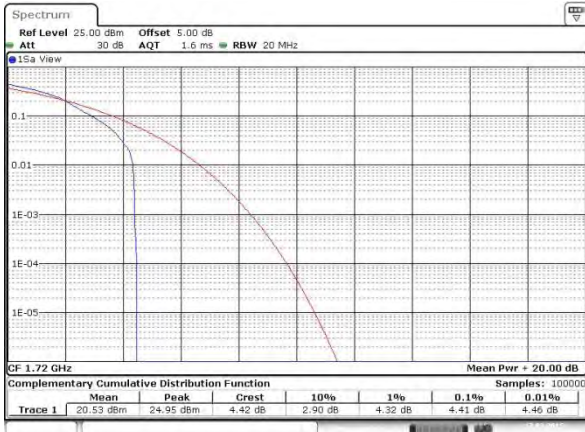
## Highest Channel / Full RB



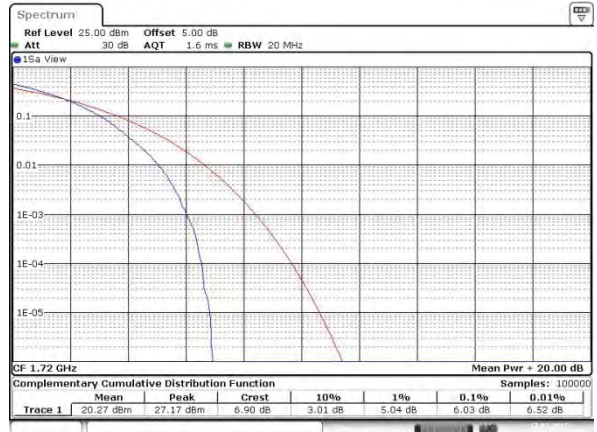


## LTE Band 4 / 20MHz / 16QAM

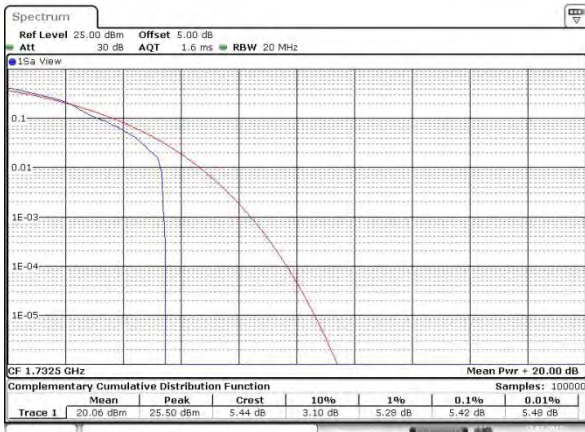
## Lowest Channel / 1RB



## Lowest Channel / Full RB



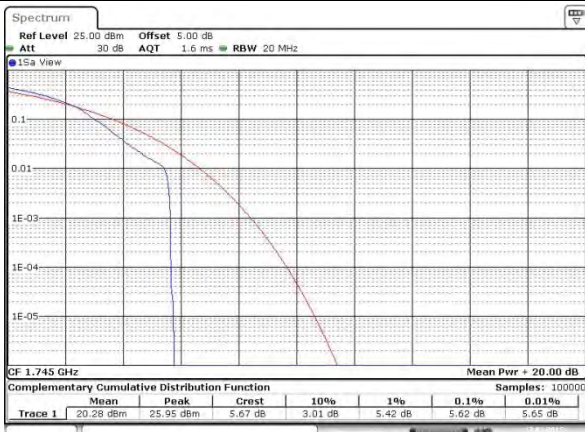
## Middle Channel / 1RB



## Middle Channel / Full RB



## Highest Channel / 1RB



## Highest Channel / Full RB





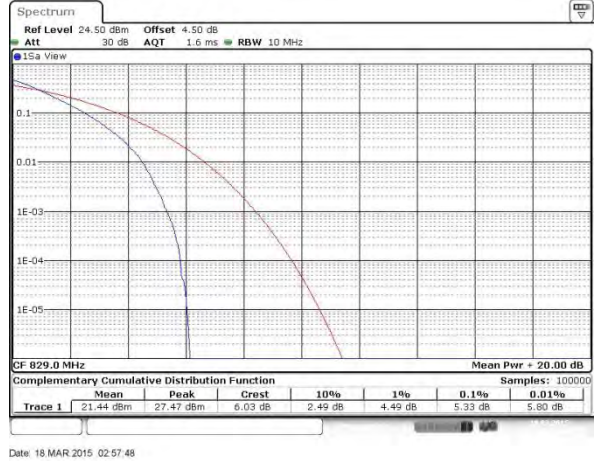


## LTE Band 5 / 10MHz / QPSK

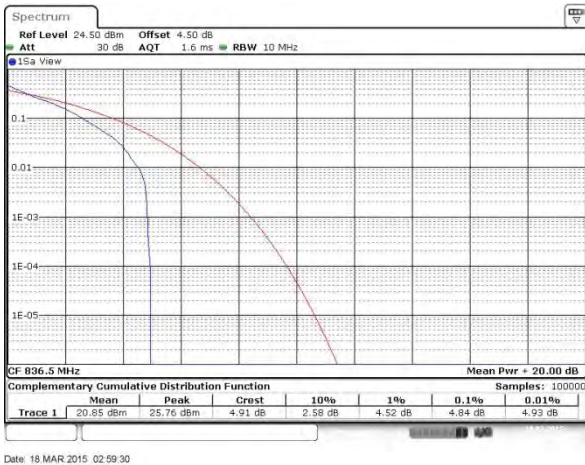
## Lowest Channel / 1RB



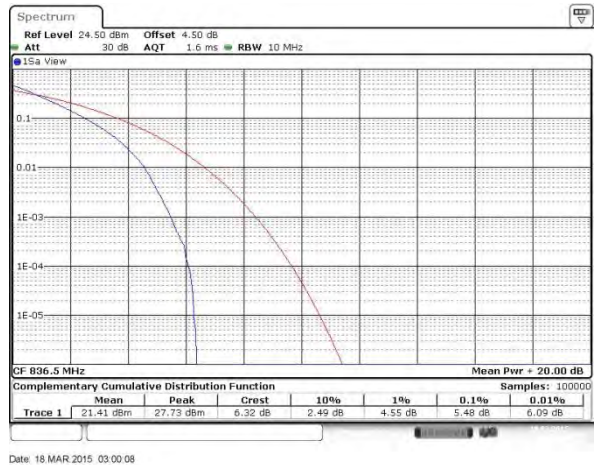
## Lowest Channel / Full RB



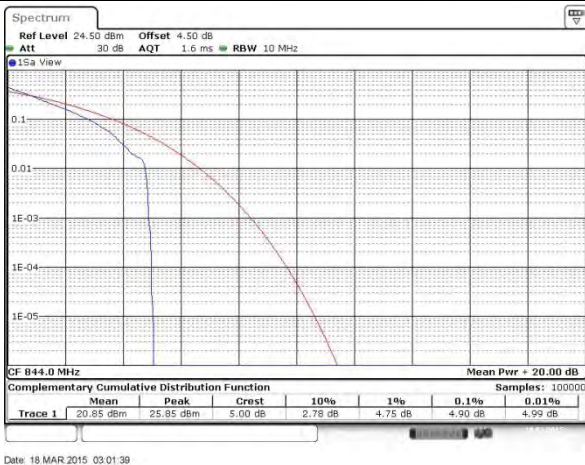
## Middle Channel / 1RB



## Middle Channel / Full RB



## Highest Channel / 1RB



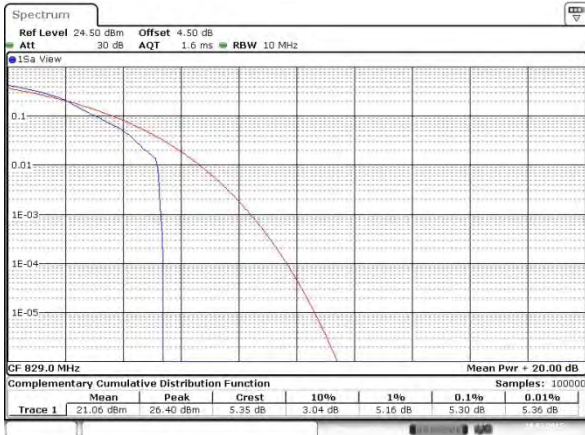
## Highest Channel / Full RB





## LTE Band 5 / 10MHz / 16QAM

## Lowest Channel / 1RB



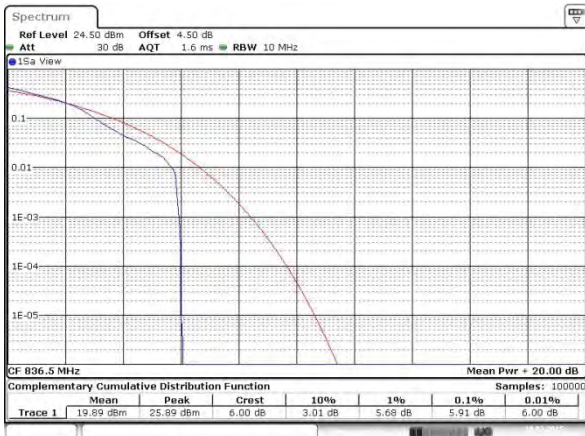
Date: 18 MAR 2015 02:56:45

## Lowest Channel / Full RB



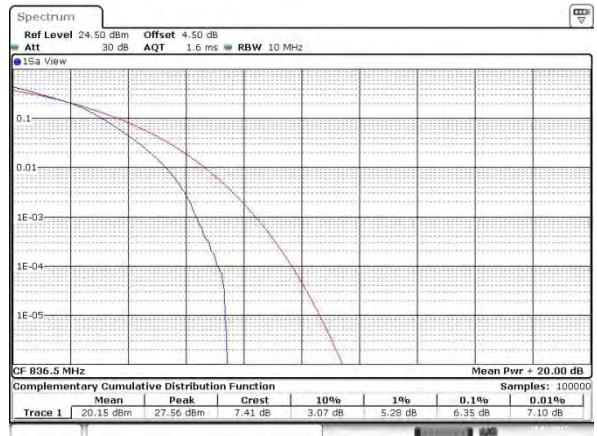
Date: 18 MAR 2015 02:58:20

## Middle Channel / 1RB



Date: 18 MAR 2015 02:58:58

## Middle Channel / Full RB



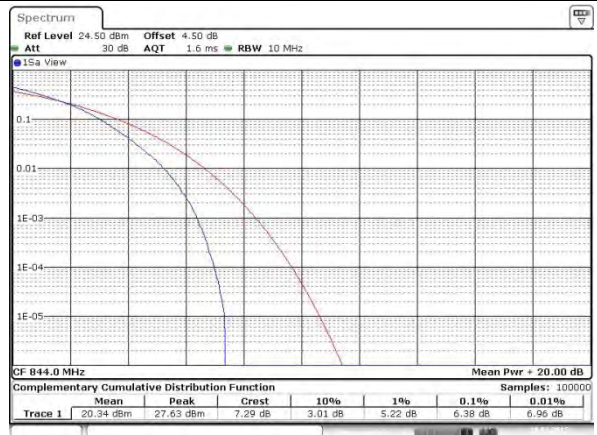
Date: 18 MAR 2015 03:00:37

## Highest Channel / 1RB



Date: 18 MAR 2015 03:01:12

## Highest Channel / Full RB



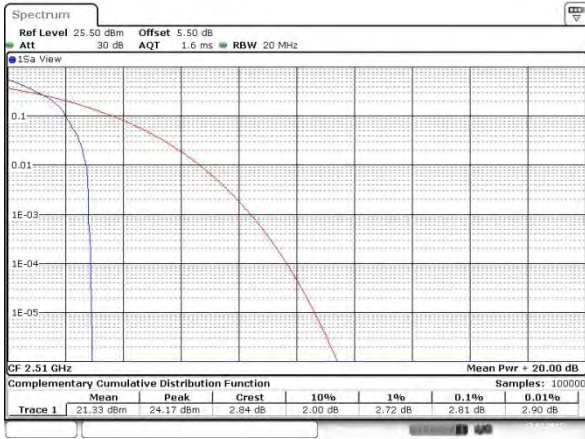
Date: 18 MAR 2015 03:03:01





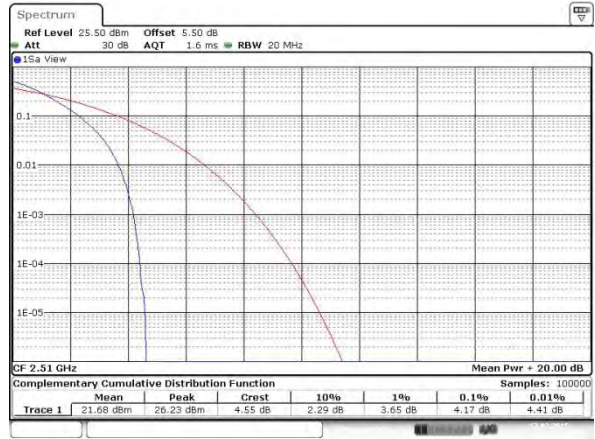
LTE Band 7 / 20MHz / QPSK

Lowest Channel / 1RB



Date: 17 MAR 2015 19:14:21

Lowest Channel / Full RB



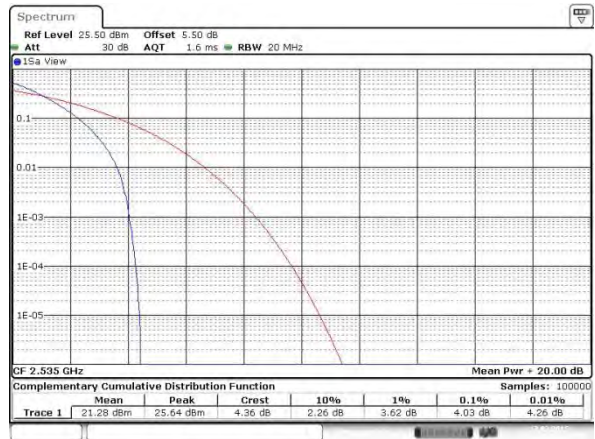
Date: 17 MAR 2015 19:14:50

Middle Channel / 1RB



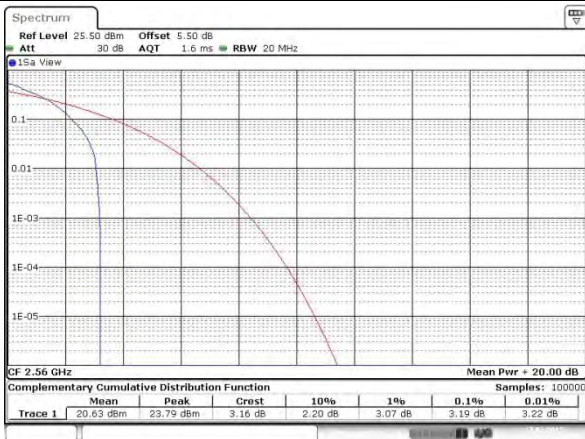
Date: 17 MAR 2015 19:16:24

Middle Channel / Full RB



Date: 17 MAR 2015 19:16:42

Highest Channel / 1RB



Date: 17 MAR 2015 19:17:35

Highest Channel / Full RB

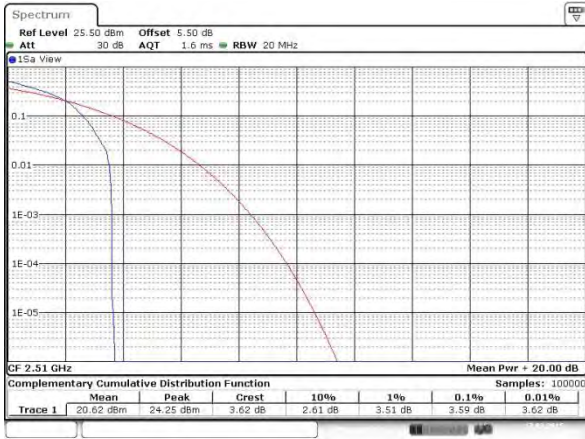


Date: 17 MAR 2015 19:17:53

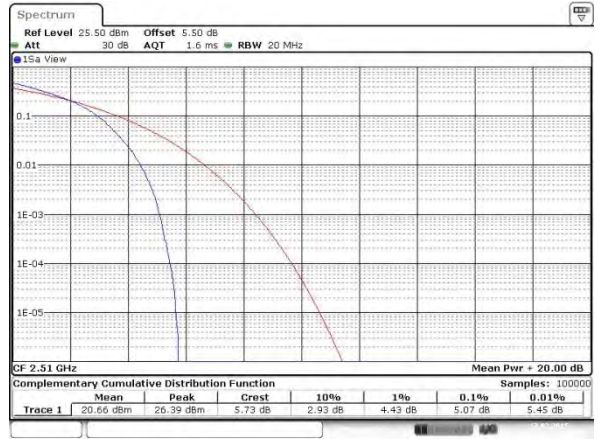


## LTE Band 7 / 20MHz / 16QAM

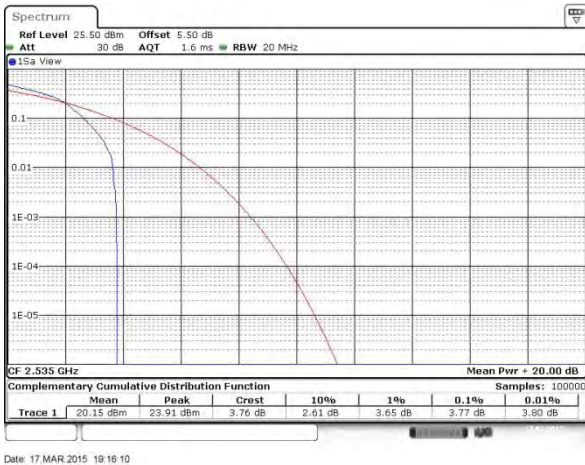
## Lowest Channel / 1RB



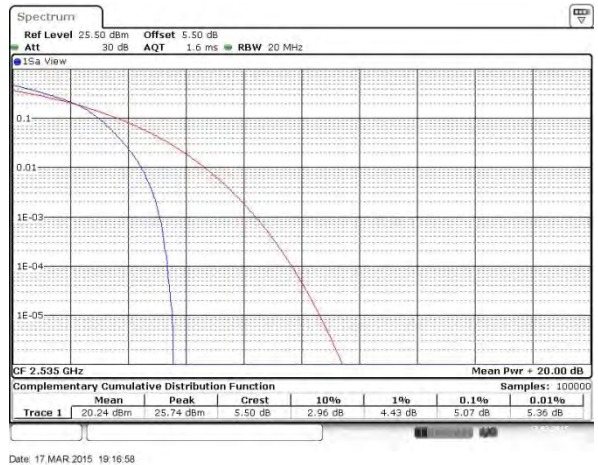
## Lowest Channel / Full RB



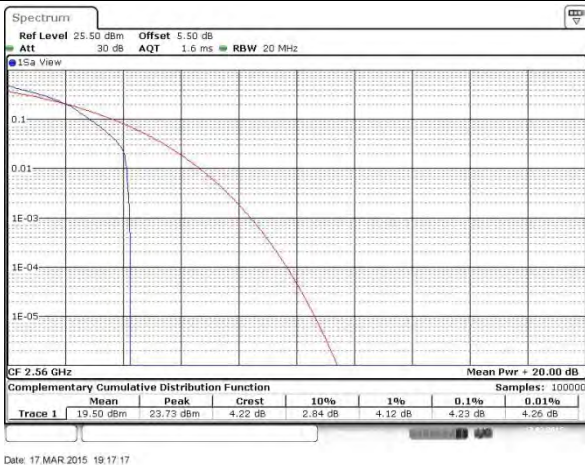
## Middle Channel / 1RB



## Middle Channel / Full RB



## Highest Channel / 1RB



## Highest Channel / Full RB







## LTE Band 12 / 10MHz / QPSK

## Lowest Channel / 1RB



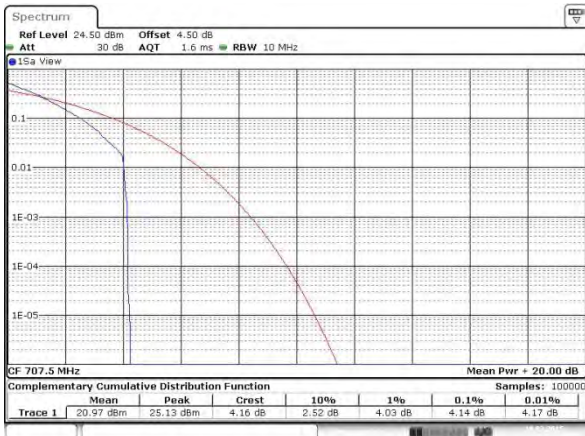
Date: 18 MAR 2015 19:19:03

## Lowest Channel / Full RB



Date: 18 MAR 2015 19:15:54

## Middle Channel / 1RB



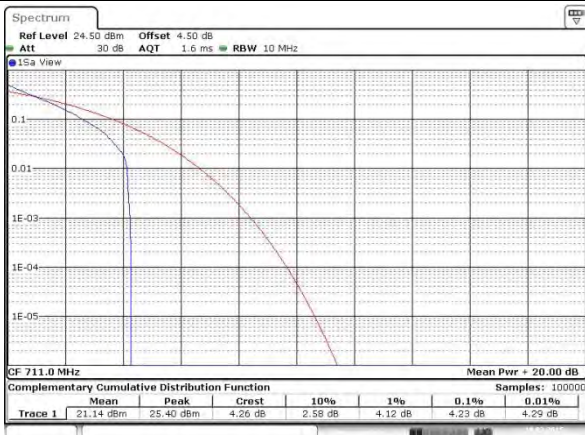
Date: 18 MAR 2015 19:17:31

## Middle Channel / Full RB



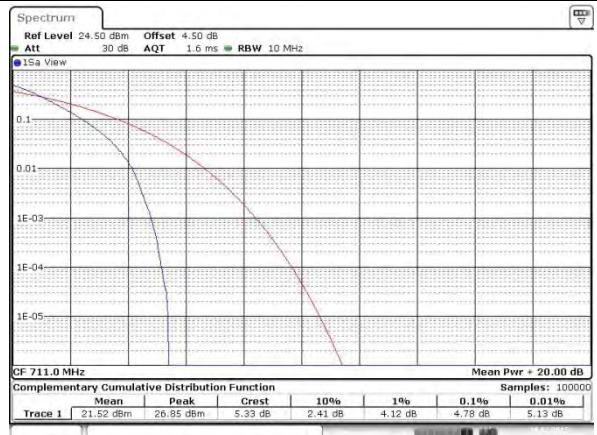
Date: 18 MAR 2015 19:19:03

## Highest Channel / 1RB



Date: 18 MAR 2015 19:18:35

## Highest Channel / Full RB

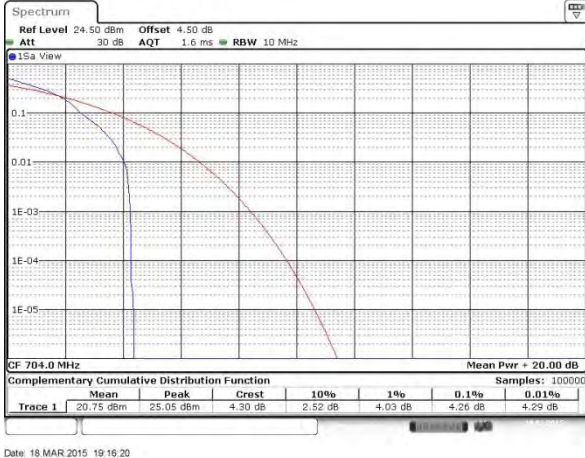


Date: 18 MAR 2015 19:19:06



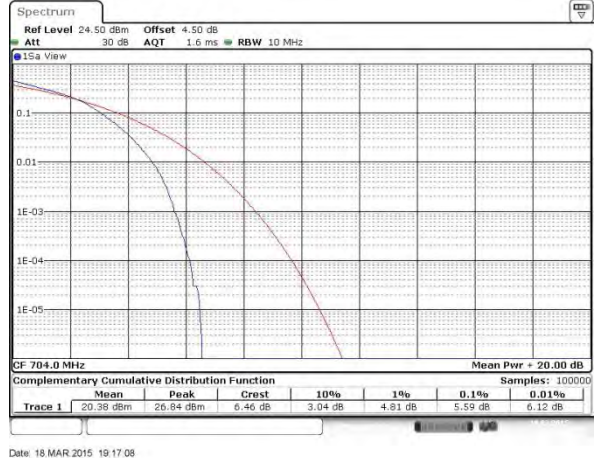
LTE Band 12 / 10MHz / 16QAM

Lowest Channel / 1RB



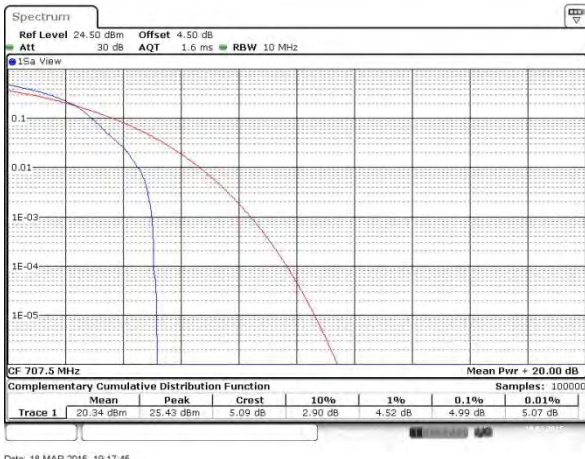
Date: 18 MAR 2015 19:16:20

Lowest Channel / Full RB



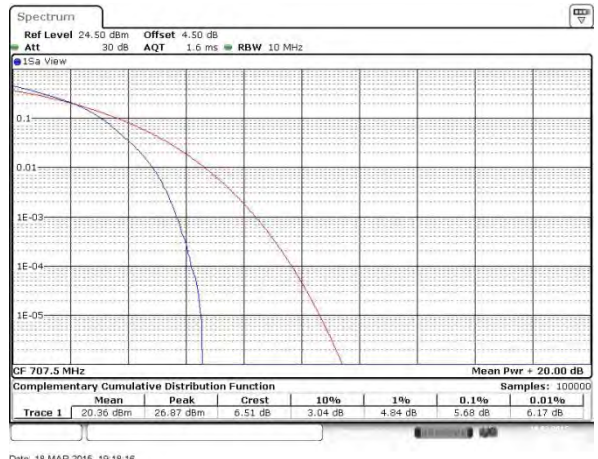
Date: 18 MAR 2015 19:17:08

Middle Channel / 1RB



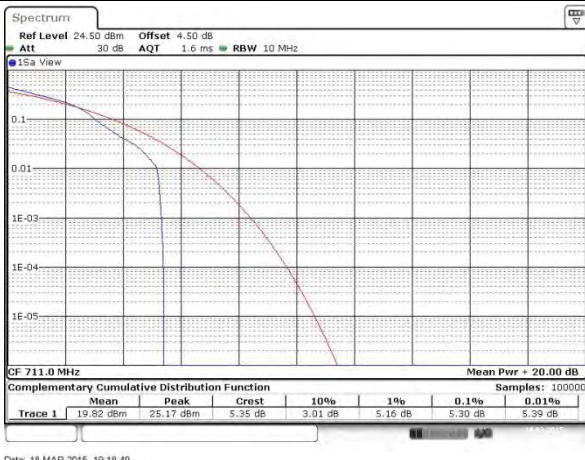
Date: 18 MAR 2015 19:17:45

Middle Channel / Full RB



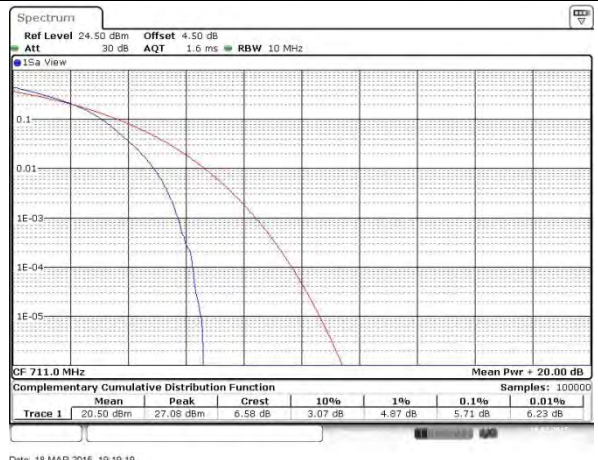
Date: 18 MAR 2015 19:18:16

Highest Channel / 1RB



Date: 18 MAR 2015 19:18:49

Highest Channel / Full RB



Date: 18 MAR 2015 19:19:19





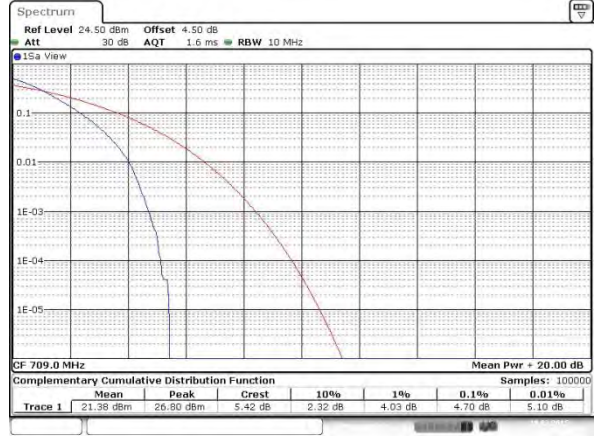
## LTE Band 17 / 10MHz / QPSK

## Lowest Channel / 1RB



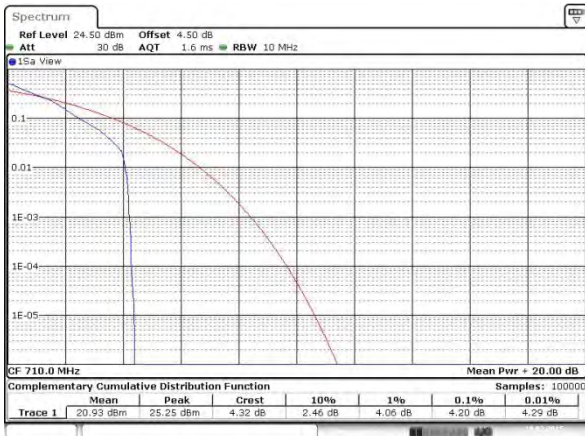
Date: 18 MAR 2015 09:55:39

## Lowest Channel / Full RB



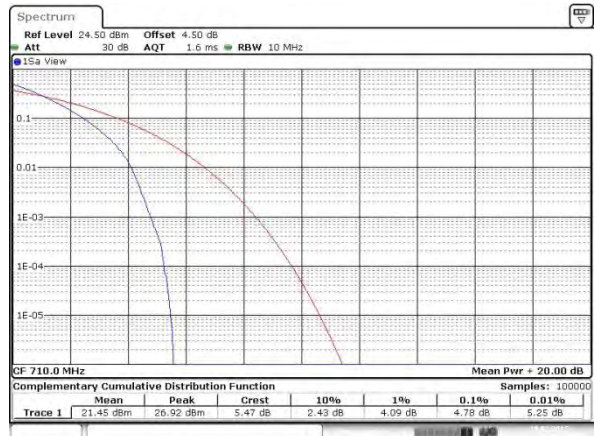
Date: 18 MAR 2015 09:55:30

## Middle Channel/ 1RB



Date: 18 MAR 2015 09:55:58

## Middle Channel / Full RB



Date: 18 MAR 2015 09:55:49

## Highest Channel/ 1RB



Date: 18 MAR 2015 09:56:57

## Highest Channel / Full RB

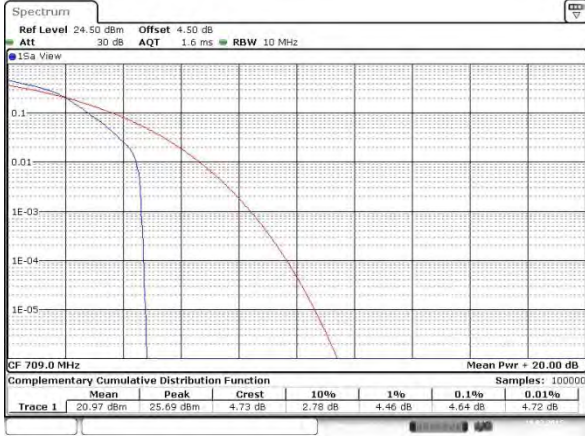


Date: 18 MAR 2015 09:56:45



## LTE Band 17 / 10MHz / 16QAM

## Lowest Channel / 1RB



Date: 18 MAR 2015 09:55:11

## Lowest Channel / Full RB



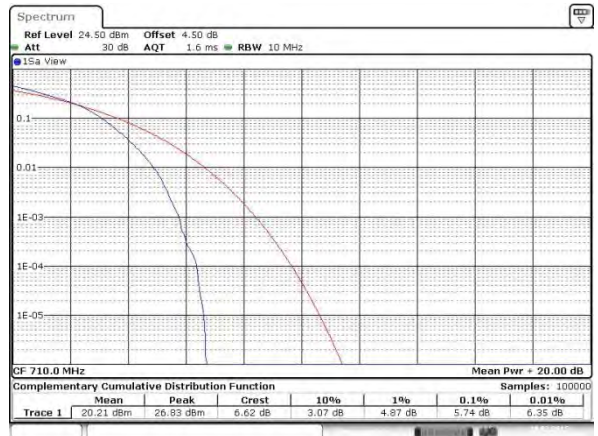
Date: 18 MAR 2015 09:55:20

## Middle Channel / 1RB



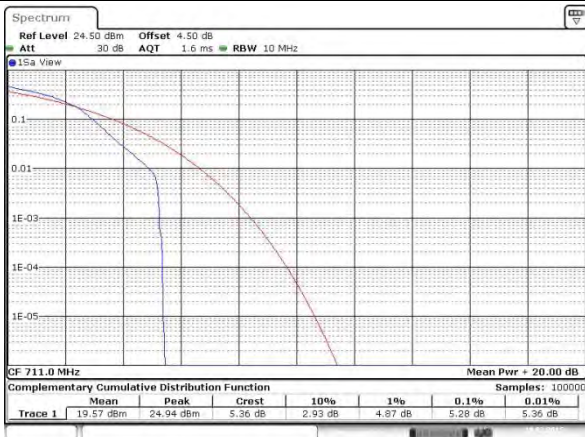
Date: 18 MAR 2015 09:56:07

## Middle Channel / Full RB



Date: 18 MAR 2015 09:56:17

## Highest Channel / 1RB



Date: 18 MAR 2015 09:56:26

## Highest Channel / Full RB



Date: 18 MAR 2015 09:56:36